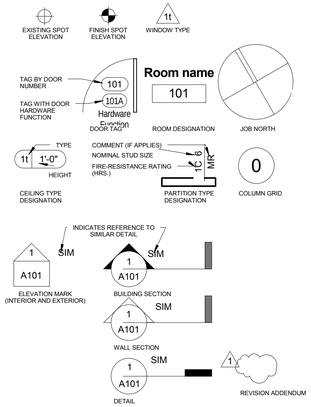


HAMPTON INN & SUITES

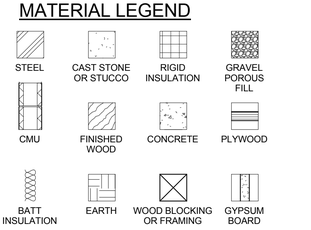
ABBREVIATIONS

ADJ	ADJACENT	MAX.	MAXIMUM
A.F.F.	ABOVE FINISH FLOOR	MECH.	PLUMBING
ALT.	ALTERNATE	MIN. or MN.	MINIMUM
ALUM	ALUMINUM	MISC.	MISCELLANEOUS
APPROX.	APPROXIMATE	MNT.	MOUNT OR MOUNTED
ARCH.	ARCHITECT	MTL	METAL
BD.	BOARD	N.I.C.	NOT IN CONTRACT
BLDG.	BUILDING	NO.	NUMBER
C.A.	CLEAR ANODIZED	NOM.	NOMINAL
CEM.	CEMENT	N.S.F.S.	NEAR SIDE AND FAR SIDE
CER.	CERAMIC	N.T.S.	NOT TO SCALE
C.G.	CORNER GUARD	O.C.	ON CENTER
C.J.	CONTROL JOINT	OD.	OUTSIDE DIAMETER
CLG.	CEILING	O.F.C.I.	OWNER FURNISHED
C.M.U.	CONCRETE MASONRY UNIT		CONTRACTOR INSTALLED
COL.	COLUMN	OPP.	OPPOSITE
CONC.	CONCRETE	O.R.D.	OVERFLOW ROOF DRAIN
CONT.	CONTINUOUS	P.L. or PLAM	PLASTIC LAMINATE
CORR.	CORRIDOR	PLYWD.	PLYWOOD
C.T.	CERAMIC TILE	PNT.	PAINT
DET.	DETAIL	P.S.B.	PENCIL SHARPENER BOARD
DIA.	DIAMETER	P.T.	PRESSURE TREATED
DN.	DOWN	Q.T.	QUARRY TILE
D.S.	DOWNSPOUT	RAD.	RADIUS
DWG	DRAWING	R.D.L.	ROOF DRAIN LEADER
EA.	EACH	REINF	REINFORCEMENT
E.I.F.S.	EXTERIOR INSULATION AND FINISH SYSTEM	REQD.	REQUIRED
		RES.	RESILIENT
E.J.	EXPANSION JOINT	RM.	ROOM
ELEC.	ELECTRICITY	R.D.	ROOF DRAIN
ELEV.	ELEVATOR	R.O.	ROUGH OPENING
E.O.S.	EDGE OF SLAB	S.C.	SOLID CORE
EQ.	EQUAL	SCWD.	SOLID CORE WOOD
EXIST.	EXISTING	S.F.	SQUARE FEET
EXP.	EXPANSION	SHT.	SHEET
EXT.	EXTERIOR	SIM.	SIMILAR
F.D.	FLOOR DRAIN	ST.	STAIN
F.E.	FIRE EXTINGUISHER	STD.	STANDARD
F.E.C.	FIRE EXTINGUISHER CABINET	STG.	STAGGER TOP AND BOTTOM
F.H.C.	FIRE HOSE CABINET	STL.	STEEL
FIN.	FINISH	STOR.	STORAGE
FL.	FLOOR	STRUCT.	STRUCTURE
F.O.B.	FACE OF BRICK	SUSP.	SUSPENDED
F.O.S.	FACE OF STUD	SYNTH.	SYNTHETIC
F.R.P.	FIBER REINFORCED PANEL	T.O.S.	TOP OF STEEL
		TEL.	TELEPHONE
F.R.T.	FIRE RETARDANT TREATED	TEMP.	TEMPERED
F.S.	FLOOR SINK	THK.	THICKNESS
GALV.	GALVANIZED	TYP.	TYPICAL
GL.	GLASS	U.O.N. or U.N.O	UNLESS OTHERWISE NOTED
GWB.	GYPSUM WALL BOARD	UTIL.	UTILITY
GYP.	GYPSUM	V.C.T.	VINYL COMPOSITION TILE
HGT	HEIGHT	VERT.	VERTICAL
HORIZ.	HORIZONTAL	V.W.C.	VINYL WALL COVERING
HR.	HOUR	WC.	WATER CLOSET
ID.	INSIDE DIAMETER	WD.	WOOD
INSUL.	INSULATION	W.P.	WATER PROOFING
JST.	JOIST	WT.	WEIGHT
JT.	JOINT	W.W.F.	WELDED WIRE FABRIC
LAM.	LAMINATE	W/	WITH
M.O.	MASONRY OPENING	W/O	WITHOUT
MACH.	MACHINE	XTG.	EXISTING

SYMBOL LEGEND



MATERIAL LEGEND



GENERAL NOTES

1. THE CONTRACT DOCUMENTS CONSIST OF THIS SET OF DRAWINGS, THE PROJECT MANUAL, ADDENDA, CONSTRUCTION CHANGE DIRECTIVES, CHANGE ORDERS, THE CONTRACT BETWEEN THE OWNER AND CONTRACTOR, CONDITIONS OF THE CONTRACT AND ANY OTHER INFORMATION WRITTEN AND MUTUALLY AGREED UPON BETWEEN THE OWNER AND CONTRACTOR.

2. THIS SET OF DRAWINGS HAS AN ACCOMPANYING PROJECT MANUAL, WHICH IS AN INTEGRAL PART OF THE CONTRACT DOCUMENTS. ALL ASPECTS OF THESE DRAWINGS ARE DEPENDANT ON THE INFORMATION CONTAINED THEREIN.

3. THESE DRAWINGS ARE COMPLEMENTARY AND INTERRELATED: WORK OF ANY INDIVIDUAL TRADE IS NOT NECESSARILY CONFINED TO SPECIFIC DOCUMENTS, CHAPTERS OR LOCATIONS.

4. IF DISCREPANCIES OR INCONSISTENCIES IN THE DOCUMENTS ARE DISCOVERED, NOTIFY THE ARCHITECT IMMEDIATELY USING THE DESIGNATED"REQUEST FOR INFORMATION" PROCEDURE IDENTIFIED.

5. CONSTRUCTION TECHNIQUES, PROCEDURES, SEQUENCING AND SCHEDULING ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

6. IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO COMPLY WITH ALL CODES AND ORDINANCES IN EFFECT AT THE TIME THE PERMIT IS ISSUED. NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF SUSPECTED DEVIATION.

7. ALL PENETRATIONS IN RATED CONSTRUCTION ARE TO BE SEALED WITH APPROPRIATE MATERIALS AS INDICATED BY THESE DOCUMENTS OR OTHERWISE REQUIRED BY INSPECTORS OR APPLICABLE CODES AND ORDINANCES.

8. DO NOT SCALE DRAWINGS; USE DIMENSIONS ONLY. NOTIFY ARCHITECT OF SIGNIFICANT DISCREPANCIES IMMEDIATELY UPON DISCOVERY.

9. IT IS THE INTENT OF THE DOCUMENTS TO PROVIDE A COMPLETELY WATERPROOF BUILDING ENVELOPE. REPORT TO ARCHITECT ANY CONDITION THAT WOULD PREVENT THIS IMMEDIATELY.

ROOM TYPE	ROOM COUNT
FIRST FLOOR	
KING	0
DOUBLE QUEEN	0
KING STUDIO	1
QUEEN STUDIO	0
HANDICAP ACCESSIBLE KING	0
HAND. ACC. DOUBLE QUEEN	0
HAND. ACC. ROLLIN KING STUDIO	1
HEARING IMPAIRED KING STUDIO	1
TOTAL:	3
SECOND FLOOR	
KING	1
DOUBLE QUEEN	12
KING STUDIO	7
HANDICAP ACCESSIBLE KING	0
HAND. ACC. DOUBLE QUEEN	1
HANIDCAP ACC. KING STUDIO	0
HEARING IMPAIRED KING	2
HEARING IMPAIR. DOUBLE QUEEN	1
HEARING IMPAIRED KING SUITE	1
TOTAL:	25
THIRD FLOOR	
KING	2
DOUBLE QUEEN	13
KING STUDIO	8
HANDICAP ACCESSIBLE KING	1
HAND. ACC. DOUBLE QUEEN	1
HANIDCAP ACC. KING STUDIO	0
HEARING IMPAIRED KING	2
HEARING IMPAIR. DOUBLE QUEEN	1
TOTAL:	28
FOURTH FLOOR	
KING	4
DOUBLE QUEEN	14
KING STUDIO	8
HANDICAP ACCESSIBLE KING	1
HAND. ACC. DOUBLE QUEEN	1
HANIDCAP ACC. KING STUDIO	0
TOTAL:	28
GRAND TOTAL:	84
FOR ALL FLOORS:	
KING	7
DOUBLE QUEEN	39
KING STUDIO	24
HANDICAP ACCESSIBLE KING	2
HAND. ACC. DOUBLE QUEEN	3
HAND. ACC. ROLLIN KING STUDIO	1
HEARING IMPAIRED KING STUDIO	2
HEARING IMPAIRED KING	4
HEARING IMPAIR. DOUBLE QUEEN	2
GRAND TOTAL:	84

FLOOR	AREA (SQUARE FEET)
First Floor:	14, 744
Second Floor:	13, 952
Third Floor:	13, 952
Fourth Floor:	13, 952

GRAND TOTAL: 56, 600

TOTAL SITE AREA IN ACRES: 1.66

TOTAL NUMBER OF ROOMS: 84 WITH 27 STUDIO ROOMS INDOOR POOL

TOTAL PARKING: 87 (INCLUDING 4 ADA)

TOTAL NUMBER OF FLOORS: FOUR

OCCUPANCY CLASSIFICATION: R1

TYPE OF CONSTRUCTION: V-A (FULLY SPRINKLERED)

MAXIMUM HEIGHT OF BUILDING: 56 FEET 6 INCHES

GROUP# BY DISCIPLINE

0 - COVER	3 - CIVIL	6 - PLUMBING
1 - CODE RELATED	4 - STRUCTURAL	7 - FIRE PROTECTION
2 - ARCHITECTURAL	5 - MECHANICAL	8 - ELECTRICAL

Drawing List

Sheet Group	Discipline	Sheet Number	Sheet Name
0	Architectural	A000	Cover
1	Code	UL100	UL Listings
1	Code	UL101	UL Listings
2	Architectural	A001	Site Plan
2	Architectural	A101	First Floor Plan
2	Architectural	A102	Second Floor Plan
2	Architectural	A103	Third Floor Plan
2	Architectural	A104	Fourth Floor Plan
2	Architectural	A105	Roof Plan & Detail
2	Architectural	A201	First Floor RCP
2	Architectural	A202	Second Floor RCP
2	Architectural	A203	Third Floor RCP
2	Architectural	A204	Fourth Floor RCP
2	Architectural	A301	Elevations
2	Architectural	A302	Elevations
2	Architectural	A401	Sections
2	Architectural	A402	Sections
2	Architectural	A403	Sections
2	Architectural	A404	Wall Types
2	Architectural	A500	Enlarged King Plans Elevations
2	Architectural	A501	Room Layouts
2	Architectural	A502	Enlarged Double Queen Plans Elevations
2	Architectural	A503	Enlarged King Studio Plans Elevations
2	Architectural	A504	Enlarged Pool & King Studio Plans Elevations
2	Architectural	A505	Room Layouts
2	Architectural	A506	Stair Details
2	Architectural	A507	Enlarged Acc. King Plans Elevations
2	Architectural	A508	Enlarged Acc. Double Queen Plans Elevations
2	Architectural	A509	Enlarged Acc. King Studio Plans Elevations
2	Architectural	A510	Enlarged Acc. King Studio Plans Elevations
2	Architectural	A550	Bathroom Accessory Legend Typ. Details
2	Architectural	A551	Enlarged Bathroom Plans, Elevations Details
2	Architectural	A552	Enlarged Bathroom Plans and Elevations
2	Architectural	A560	Bathroom Details
2	Architectural	A601	Interior Elevations
2	Architectural	A602	Interior Elevations
2	Architectural	A701	Room Schedule
2	Architectural	A702	Door & Window Schedule
2	Architectural	A703	Millwork-Front Desk
2	Architectural	A704	Door Window Schedule Floor Transition
2	Architectural	A705	Door & Window Schedule
2	Architectural	A801	Firewall Plan 1st Floor
2	Architectural	A802	Firewall Plan 2nd Floor
2	Architectural	A803	Firewall Plan 3rd Floor
2	Architectural	A804	Firewall Plan 4th Floor
3	Civil	C001	Survey
3	Civil	C002	Site Plan
3	Civil	C003	Grading Plan
3	Civil	C004	Joint Layout
3	Civil	C005	Utility Plan
3	Civil	C006	Site Details
3	Civil	C007	Site Details
3	Civil	C008	Stormwater Pollution Prevention Plan
4	Structural	S001	General Notes
4	Structural	S002	General Notes
4	Structural	S003	Special Inspections
4	Structural	S101	Foundation and Floor Slab Plan
4	Structural	S102	Foundation and Floor Slab Plan
4	Structural	S201	Second Floor Framing Plan
4	Structural	S202	Second Floor Framing Plan
4	Structural	S203	Third and Fourth Floor Framing Plan
4	Structural	S204	Third and Fourth Floor Framing Plan
4	Structural	S205	Roof Framing Plan
4	Structural	S206	Roof Framing Plan
4	Structural	S207	High Roof Framing Plan
4	Structural	S301	Foundation, Sections and Details
4	Structural	S302	Foundation, Sections and Details
4	Structural	S303	Foundation, Sections and Details

Drawing List

Sheet Group	Discipline	Sheet Number	Sheet Name
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4	Structural	S402	Floor Framing Section and Details
4	Structural	S403	Floor Framing Section and Details
4	Structural	S404	Floor Framing Section and Details
4	Structural	S501	Roof Framing Section and Details
4	Structural	S502	Roof Framing Section and Details
4	Structural	S503	Roof Framing Section and Details
4	Structural	S504	Roof Framing Section and Details
4	Structural	S601	Simpson Anchor Tiedown System
5	Mechanical	M100	Mech HVAC Notes, Schedules & Legend
5	Mechanical	M101	Mechanical HVAC Schedules
5	Mechanical	M102	Mechanical HVAC Schedules
5	Mechanical	M200	Mechanical HVAC Details
5	Mechanical	M201	Mechanical HVAC Details
5	Mechanical	M300	Mechanical HVAC First Floor Plan
5	Mechanical	M301	Mechanical HVAC Second Floor Plan
5	Mechanical	M302	Mechanical HVAC Third Floor Plan
5	Mechanical	M303	Mechanical HVAC Fourth Floor Plan
5	Mechanical	M304	Mechanical HVAC Roof Plan
6	Plumbing	P001	Schedules and Notes-Plumbing
6	Plumbing	P002	Schedule-Plumbing
6	Plumbing	P003	Details-Plumbing
6	Plumbing	P004	Details-Plumbing
6	Plumbing	P101	1st Floor Waste & Vent Piping Plan-Plumbing
6	Plumbing	P102	2nd Floor Waste & Vent Piping Plan-Plumbing
6	Plumbing	P103	3d Floor Waste & Vent Piping Plan-Plumbing
6	Plumbing	P104	4th Floor Waste & Vent Piping Plan-Plumbing
6	Plumbing	P105	Roof Waste & Vent Piping Plan-Plumbing
6	Plumbing	P201	1st Floor, Water Supply Piping Plan-Plumbing
6	Plumbing	P301	Enlarged Plans-Plumbing
6	Plumbing	P401	Riser Schematics-Plumbing
7	Fire Protection	FP001	Schedule and Notes-Fire Protection
7	Fire Protection	FP002	Details-Fire Protection
7	Fire Protection	FP101	First Floor Plan-Fire Protection
7	Fire Protection	FP102	Second Floor Plan-Fire Protection
7	Fire Protection	FP103	Third Floor Plan-Fire Protection
7	Fire Protection	FP104	Fourth Floor Plan-Fire Protection
7	Fire Protection	FP105	Roof Plan-Fire Protection
8	Electrical	E0.1	Symbol Legends, Sheet Index & Gen. Notes
8	Electrical	E0.2	Lighting Fixture & Site Panel 1s1 Schedule
8	Electrical	E0.3	Electrical Site Plan
8	Electrical	E1.1	1st Floor Lighting Plan
8	Electrical	E1.2	2nd Floor Lighting Plan
8	Electrical	E1.3	3rd Floor Lighting Plan
8	Electrical	E1.4	4th Floor Lighting Plan
8	Electrical	E2.1	1st Floor Power & Communication Plan
8	Electrical	E2.2	2nd Floor Power & Communication Plan
8	Electrical	E2.3	3rd Floor Power & Communication Plan
8	Electrical	E2.4	4th Floor Power & Communication Plan
8	Electrical	E2.5	Attic Electrical Plan
8	Electrical	E3.1	Typical Guest Room Electrical Plans - Part 1
8	Electrical	E3.2	Typical Guest Room Electrical Plans - Part 2
8	Electrical	E3.3	Swimming Pool Electrical Plan
8	Electrical	E4.1	Electrical Power Riser Diagram
8	Electrical	E4.2	Electrical Fire Alarm Riser Diagram
8	Electrical	E4.3	Electrical Systems Riser Diagram
8	Electrical	E5.1	1st Floor Electrical Panel Schedules
8	Electrical	E5.2	2nd Floor Electrical Panel Schedules
8	Electrical	E5.3	3rd Floor Electrical Panel Schedules
8	Electrical	E5.4	4th Floor Electrical Panel Schedules
8	Electrical	E5.5	MSB & Distribution Panel Schedules
8	Electrical	E5.6	Electrical Equipment Connection Schedule
8	Electrical	E6.1	Electrical Service, Grounding & Power Details
8	Electrical	E6.2	Electrical Lighting Details
8	Electrical	E6.3	Electrical System Details
8	Electrical	E6.4	Electrical Miscellaneous Details
8	Electrical	E6.5	Telecommunication Details
8	Electrical	E6.6	Electrical UL Details

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REVISIONS		
No.	Date	Description

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ASHISH MISHRA
REG. NO. 6458
STATE OF LOUISIANA
REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Cover

Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A000

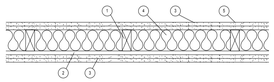
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PERMIT ONLY

Hampton Inn and Suites

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DESIGN NO. U334

Bearing Wall Rating - 2 HR STC Rating -62 (See Item 7



1. Wood Studs - Nom 2 by 4 in., spaced 16 in OC. Studs cross braced at mid-height and effectively fire stopped at top and bottom of wall.

2. Resilient Channel - 25 MSG galv steel, nom 2-1/2 in wide by 1/2 in deep. Resilient channels placed perpendicular to studs, spaced 24 in OC, flange portion attached to each intersecting stud with 1 in long Type S steel screws.

2A. Steel Framing Members (Optional, Not Shown)* - As an alternate to Item 2, furring channels and resilient sound isolation clip as described below:
a. Furring Channels - Formed of No. 25 MSG glv steel 2-3/8 in wide by 7/8 in deep, spaced 24 in OC perpendicular to studs. Channels secured to stud as described in Item B. Ends of adjoining channels are overlapped 6 in and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in and secured together with two self-tapping #6 framing screws, min 7/16 in long at the point of overlap, with one screw on each flange of the channel.
b. Steel Framing Members* - resilient sound isolation clips used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in OC, and secured to studs with No. 8x 2 1/2 in coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

PAC INTERNATIONAL INC- Type PSIC-1

3. Gypsum Board* - 5/8 in. thick, 4 ft wide. Attach to furring channels: base layer with 1 in. long Type S steel screws spaced max 24 in. OC, face layer with 1-5/8 in long Type S steel screws spaced max 12 in OC. Attach to wood studs: base layer with 1-7/8 in long 6d coated nails spaced max 14 in OC, face layer with 2-3/8 in long 8d coated nails spaced 7 in OC. Base layers installed vertically. Face layers installed horizontally with butt joints offset 16 in from base layers.

AMERICAN GYPSUM CO - Types AG-C, AGX-C .
BPB AMERICA INC - ProRoc Type C.
CANADIAN GYPSUM COMPANY - Types C, IP-X2, IPC-AR.
G-P GYPSUM CORP, SUB OF GEORGIA-PACIFIC CORP - Type 5.
LAFARGE NORTH AMERICA INC - Types LGFC-C, LGFC-C/A.
NATIONAL GYPSUM CO - Types FSK-C, FSW-C, FSW-G.
PABCO GYPSUM, DIV OF PACIFIC COAST BUILDING PRODUCTS INC - Type C or PG-C.
STANDARD GYPSUM L L C - Type SG-C.
TEMPLE-INLAND FOREST PRODUCTS CORP - Type TG-C.
UNITED STATES GYPSUM CO - Types C, IP-X2, IPC-AR.
USG MEXICO S A DE C V - Types C, IP-X2, IPC-AR.

4. Batts and Blankets* - Nom. 2 in thick mineral wool insulation, 96 in long, cut to 15 in widths, friction fitted between studs in wall cavity

THERMAFIBER L L C - Type SAFB

4A. Batts and Blankets*- Glass fiber insulation. The cavities formed by the studs friction fit with R-19 unfaced fiberglass insulation batts measuring 6-1/4 in thick and 15-1/4 in wide. See Batts and Blankets*(BZJZ) category for names of Classified Companies.

5. Joint Tape and Compound- Vinyl, dry or premixed joint compound, applied to joints, screw heads, and nail heads (two applications); paper tape, 2 in wide, embedded in first layer of compound over all joints

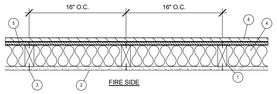
6. Caulking and Sealants- (not shown, optional) A bead of acoustical sealant applied around the partition perimeter for sound control

7. STC Rating- The STC rating of the wall assembly is 62 when it is constructed as described by Items 1 through 5, except:
a. Item 2A, above- Steel Framing Members* shall be used to attach wallboard to studs on either the acoustical source or the receiving side of the wall assembly.
b. Item 4A, above- Batts and Blankets* as described above, fiberglass insulation shall be used
c. Item 6, above- Caulking and Sealants (not shown) A bead of acoustical sealant shall be applied around the partition perimeter for sound control

*Bearing the UL Classification Mark

DESIGN NO. U356

Exterior Bearing Wall Rating - 1 Hr. Finish Rating



1. Wood Studs - Nom 2 by 4 in. spaced 16 in. OC with two 2 by 4 in. top and one 2 by 4 in. bottom plates. Studs laterally-braced by wood structural panel sheathing (Item 5).

2. Gypsum Board* - Any Classified 5/8 in. thick, 4 ft wide, applied vertically and nailed to studs and bearing plates 7 in. OC with 6d cement-coated nails, 1-7/8 in. long with 1/4 in. diam head.

3. Joints and Nailheads - (Not Shown) - Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.

4. Batts and Blankets* - Mineral fiber or glass fiber insulation, 3-1/2 in. thick, pressure fit to fill wall cavities between studs and plates.

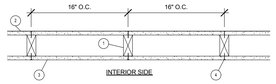
5. Wood Structural Panel Sheathing - Min 7/16 in. thick, 4 ft wide wood structural panels, min grade "C-D" or "Sheathing".

6. Exterior Facings - Installed in accordance with the manufacturer's installation instructions. One of the following exterior facings is to be applied over the sheathing:
A. Vinyl Siding - Molded Plastic*
B. Particle Board Siding
C. Wood Structural Panel or Lap Siding
D. Cementitious Stucco
E. Brick Veneer
F. Exterior Insulation and Finish System (EIFS)
G. Siding - Aluminum or steel siding
H. Fiber-Cement Siding

* Bearing the UL Classification Mark

DESIGN NO. U337

Bearing Wall Rating - 1 HR. Finish Rating - See Item 2



1. Wood Studs - Nom 2 by 4 in. spaced 16 in. OC, effectively cross braced at mid-height and fire stopped at top and bottom.

2. Gypsum Board*-5/8in. thick, 4 ft wide, applied vertically. Wallboard attached to studs and bearing plates with 1-3/4in. long gavl nails wit 0.128 in diam. shank nail 7/16 in. diam head, spaced 8 in. on center.

G-P GYPSUM CORP, SUB OF
GEORGIA-PACIFIC CORP - Type DGG (finish rating 20 min), Type DAP, DD, DS.

3. Gypsum Board*-5/8in. thick, 4 ft wide, applied vertically. Wallboard attached to studs and bearing plates with 1-3/4in. long galv. nails with 0.128 in. diam
shank and 7/16in. diam head, spaces 8 in. on center.

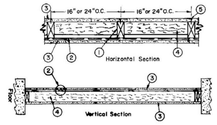
AMERICAN GYPSUM GO - Type AGX-7 (finish rating 20 min).
BEIJING NEW BUILDING MATERIALS CO LTD - Type DBX-1 (finish rating 24 min).-Type CG3-3 (finish rating 20 min), Type CG5-5 (finish rating 20 min), Type CG6-6
(finish rating 20 min), Type CG9-9 (finish rating 20 min), Type CGTC-C (finish rating 20 min)
BPB AMERICA INC - Type EGRG (finish rating 23 min).
G-P GYPSUM CORP. SUB OF GEORGIA-PACIFIC CORP - Type 5,9,C, Type DGG (finish rating 20 min), Type GPFS2 (finish rating 24 min), Type GPFS6 (finish rating 20
min), Type DS, Type DAP, Type DD (finish rating 20 min), DA.
LAFARGE NORTH AMERICA INC - Type LGFC2 (finish rating 24 min), Type LGFC2A, Type LGFC3 (finish rating 20min), Type LGFC6 (finish rating 20 min), Type LGFC-C
(finish rating 20 min), Type LGFC6A (finish rating 34 min), Type LGFC-C/A
PABCO GYPSUM, DIV OF PACIFIC COAST BUILDING PRODUCTS - Type PG-9
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD - Type EX-1 (finish rating 26 min).

4. Joints and Nailheads - Exposed or covered with paper tape and joint compound. For tapered, rounded-edge wallboards, joints with paper tape and joint compound.

*Bearing the UL Classification Mark

DESIGN NO. U311

Bearing Wall Rating--1HR. Finish Rating -- 23 Min.

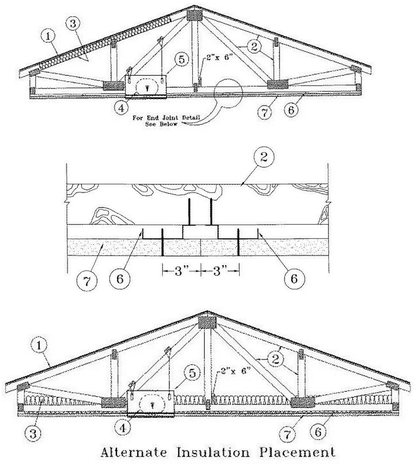


1 Wood Studs -- Nom 2 by 4 in., spaced 16 or 24. OC. Effectively cross braced.
2 Resilient Channel -- 25 MSG galv steel. Resilient channels spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws.

2A. **Steel Framing Members (Optional, Not Shown)* --** As an alternate to Item 2, furring channels and resilient sound isolation clip as described below:
a. **Furring Channels --** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel.
b. **Steel Framing Members* --** Resilient sound isolation clip used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in. OC. and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.
PAC INTERNATIONAL INC --Type RSIC-1.
3. **Gypsum Board* --** 5/8 in. thick, 4 ft wide. Screw attached one side to furring channels with 1 in. long, self-drilling, self-tapping steel screws spaced 12 in. OC, vertical joints located midway between studs and back blocked with furring channels, attached with 1 in. long, self-drilling, self-tapping screws, spaced 12 in. OC, along each edge. Wallboard attached other side to studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws spaced 12 in. OC, vertical joints located over studs.
AMERICAN GYPSUM CO --Types AG-C, AGX-C . **BPB AMERICA INC --**Type FRPC, ProRoc Type C. **BPB CANADA INC --** ProRoc Type C. **CANADIAN GYPSUM COMPANY --**Types C, IP-X2, IPC-AR. **G-P GYPSUM CORP, SUB OF GEORGIA-PACIFIC CORP --** Type 5. **LAFARGE NORTH AMERICA INC --**Types LGFC-C, LGFC
C/A. **NATIONAL GYPSUM CO --**Types FSK-C, FSW-C, FSW-G. **PABCO GYPSUM, DIV OF PACIFIC COAST BUILDING PRODUCTS INC --**Type C or
PG-C. **STANDARD GYPSUM L L C --**Type SG-C. **TEMPLE-INLAND FOREST PRODUCTS CORP --**Type TG-C. **UNITED STATES GYPSUM CO --**Types C, IP-X2, IPC-AR. **USG MEXICO S ADE C V --**Types C, IP-X2, IPC-AR.
4. **Batts and Blankets* --** 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 4-in. face of the studs with staples placed 24 in. OC.
ROCK WOOL MANUFACTURING CO --Delta Board. **JOHNS MANVILLE INTERNATIONAL INC ROXUL INC THERMAFIBER L L C --**Type SAFB.
4A. **Glass Fiber Insulation --** (As an alternate to Item 4) -- 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall, attached to the 4 in. face of the studs with staples placed 24 in. OC. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classi}fied companies.
4B. **Fiber, Sprayed* --** As an alternate to Batts and Blankets (Item 4) -- Spray applied cellulose insulation material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft3.
U S GREENFIBER L L C -- Cocoon stabilized cellulose insulation.
5. **Joints and Screw heads --** Wallboard joints covered with paper tape and joint compound. Screw heads covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
*Bearing the UL Classification Mark

DESIGN NO. P522

Unrestrained Assembly Rating - 1 Hour Finish Rating - 25 Min (See Items 3 or 3A)



1 Roofing System* -- Any UL Class A, B or C Roofing System (TGFU) or Prepared Roof Covering (TFWZ) acceptable for use over nom 15/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Nom 15/32 in. thick wood structural panels secured to trusses with No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Construction adhesive may be used with either the nails or staples.
2 Trusses -- Pitched or parallel chord wood trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Truss members secured together with 0.040 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width. Where the truss intersects with the interior face of the exterior walls, the min truss depth shall be 5-1/4 in. with a min roof slope of 3/12 and a min. area in the plane of the truss of 21 sq/ft. Where the truss intersects with the interior face of the exterior walls, the min truss depth may be reduced to 3 in. if the batts and blankets (Item 3) are used as shown in the above illustration (Alternate Insulation Placement) and are firmly packed against the intersection of the bottom chords and the plywood sheathing.
3. **Batts and Blankets* --** (Optional) -- Glass fiber insulation, secured to the wood structural panels with staples spaced 12 in. OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC. Any glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance, having a min density of 0.5 pcf. As an option, the insulation may be fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane when resilient channels and gypsum wallboard attachment is modified as specified in Items 6 and 7. The finished rating has only been determined when the insulation is secured to the decking.
3A. **Loose Fill Material* --** As an alternate to Item 3 -- Any thickness of loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, having a min density of 0.5 pcf, fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane when resilient channels and gypsum wallboard attachment is modified as specified in Items 6 and 7. The finished rating when loose fill material is used has not been determined.
4 Air Duct* -- Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.
5 Ceiling Damper* -- Max nom area, 324 sq in. Max square size, 18 in. by 18 in. rectangular sizes not to exceed 324 sq in. with a max width of 18 in. Max damper height is 14 in. Installed in accordance with manufacturers installation instructions provided with the damper. Max damper openings not to exceed 162 sq in. per 100 sq ft of ceiling area.

C&S AIR PRODUCTS --Model RD-521 **POTTORFF --**Model CFD-521
5A. **Alternate Ceiling Damper* --** Max nom area, 196 sq in. Max square size, 14 in. by 14 in. Rectangular sizes not to exceed 196 sq in. with a max width of 24 in. Max overall damper height is 7 in. Installed in accordance with the manufacturers installation instructions provided with the damper. Max damper openings not to exceed 196 sq in. per 100 sq ft of ceiling area.
C&S AIR PRODUCTS --Model RD-521-BT **POTTORFF --**Model CFD-521-BT.
6. **Furring Channels --** Resilient chanels, nom. 1/2 in. deep by 2-3/8 in. wide at the base and 1-3/8 in. wide at the face, formed from 0.020 in. thick galv steel. Installed perpendicular to the trusses (Item 2), spaced a max of 16 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed spaced, or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane. Two courses of resilient channel positioned 6 in. OC at wallboard butt-joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt-joints. Channel splices overlapped 4 in. beneath wood trusses. Channels secured to each truss with 1-1/4 in. long Type S screws.
6A. **Steel Framing Members --** (Not Shown)* -- As an alternate to Item 6, furring channels and Steel Framing Members as described below:
a. **Furring Channels --** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to trusses when no insulation (Items 3 or 3A) is fitted in the concealed space or 12 in. OC when insulation (Items 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum wallboard ceiling membrane or 24 in. OC when insulation (Items 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum wallboard ceiling membrane and a second layer of gypsum board is attached as described in Item 7 for steel framing members. Channels secured to joists as described in Item
b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.
b. **Steel Framing Members --** Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC and secured to alternating trusses with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the wallboard butt joints, as described in Item 7.
PAC INTERNATIONAL INC --Type RSIC-1.
7. **Gypsum Board* --** One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type S bugle-head screws. Screws spaced a max of 12 in. OC along butted end-joints and in the field when no insulation (Item 3 or 3A) is fitted in the concealed spaced, or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane.
When **Steel Framing Members*** (Item 6A) are used, sheets installed with long dimension perpendicular to furring channels and side joints of sheet located beneath trusses. Wallboard screws are driven through channel spaced 12 in. OC in the field when no insulation (Item 3 or 3A) is fitted in the concealed space, or 8 in. OC in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum wallboard ceiling membrane. Wallboard butt joints shall be staggered min. 2 ft. within the assembly, and occur between the main furring channels. At the wallboard butt joints, each end of the gypsum board shall be supported by a single length of furring channel equal to the width of the wallboard plus 6 in. on each end. The furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to the trusses with one RSIC-1 clip at each end of the channel. Screw spacing along the butt joint to attach the wallboard to the furring channels shall be 8 in. OC. Second (outer) layer of gypsum board required when furring channels (Item 6A, a) are spaced 24 in. OC and insulation is fitted in the concealed space, draped over the furring channel/gypsum wallboard ceiling membrane. Outer layer of gypsum board attached to the furring channels using 1-5/8 in. long Type S bugle-head screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints of outer layer to be offset a minimum of 8 in. from base layer end joints. Butted side joints of outer layer to be offset minimum 18 in. from butted side joints of base layer.
CANADIAN GYPSUM COMPANY --Types C, IP-X2, IPC-AR. **UNITED STATES GYPSUM CO --**Types C, IP-X2, IPC-AR. **USG MEXICO S ADE C V --**Types C, IP-X2, IPC-AR.
8. **Finishing System --** (Not Shown) -- Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum wallboard. **Alternate Ceiling Membrane --** Not Shown.
9. **Steel Framing Members --**
a. **Main runners --** Installed perpendicular to Structural Steel Members -- Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners hung a min of 2 in. from bottom chord of Structural Steel Members with 12 SWG galv steel wire. Wires located a max of 48 in. OC.
b. **Cross tees or channels --** Nom 4 ft long, 15/16 in. or 1-1/2 in. wide face or cross channels, nom 4 ft long, 1-1/2 wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or channels used at 8 in. from each side of butted wallboard end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.
c. **Wall angles or channels --** Used to support steel framing member ends and for screw-attachment of the gypsum wallboard -- Min 0.016 in. thick painted or galvanized steel angle with 1 in. legs or min. 0.016 in. thick painted or galvanized steel channel wiha1by 1-1/2 by 1 in. profile, attached to walls at perimeter of ceiling with fasteners 16 in. OC.
CGC INTERIORS, DIV OF CGC INC -- Type DGL or RX. **USG INTERIORS INC --** Type DGL or RX.
10. **Gypsum Board* --** For use with Steel Framing Members (Item 9) when Batts and Blankets* (Item 6) are not used -One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to the main runners. Wallboard fastened to each cross tee or channel with five wallboard screws, with one screw located at the midspan of the cross tee or channel, one screw located 12 in. from and on each side of the cross tee or channel mid span and one screw located 1-1/2 in. from each wallboard side joint. Except at wallboard end joints, wallboard screws shall be located on alternating sides of cross tee flange. At wallboard end joints, wallboard screws shall be located 1/2 in. from the joint. Wallboard fastened to main runners with wallboard screws 1/2 in. from side joints, midway between intersections with cross tees or channels (16 in. OC). End joints of adjacent wallboard sheets shall be staggered not less than 32 in. Wallboard sheets screw attached to leg of wall angle with wallboard screws spaced 12 in. OC. Joints treated as described in Item 7.For use with **Steel Framing Members*** (Item 9) when **Batts and Blankets*** (Item 6) are used -Ratings limited to 1 Hour -5/8 in. thick, 4 ft wide; installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Fastened to cross tees with 1 in. long steel wallboard screws spaced 8 in. OC in the field and 8 in. OC along end joints. Fastened to main runners with 1 in. long wallboard screws spaced midway between cross tees. Screws along sides and ends of boards spaced 3/8 to 1/2 in. from board edge. End joints of the sheets
shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC. **CANADIAN GYPSUM COMPANY --** Type C or IP-X2. **UNITED STATES GYPSUM CO --** Type C or IP-X2. **USG MEXICO S A DE C V --** Type C or IP-X2.
*Bearing the UL Classifcation Mark

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REVISIONS

No.	Date	Description

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ASHISH MISHRA REG. NO. 6540 NORTH CAROLINA STATE OF LOUISIANA REGISTERED ARCHITECT 11/5/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
UL Listings

Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

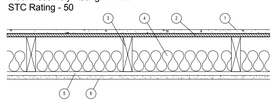
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Hampton Inn and Suites

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ICC File No. ER-3433, Assembly 1
Floor Assembly Rating - 1 HR
STC Rating - 50



1. Gyp-Crete Gypsum Cement: Minimum 3/4" thick; density 100 pounds per cubic foot (minimum)

2. Subfloor: 5/8" plywood installed in accordance with the code

3. 2x10 wood joists at 16 o.c.

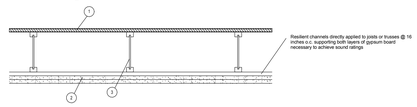
4. 2-1/2" fiberglass insulation; density, 1.5pcf (optional)

5. 1/2" deep by 1-1/2" wide, No. 25 gage resilient channels at 24" o.c. fastened to each joist with 1-1/4" long drywall screws

6. 5/8" gypsum board fastened to channel with 1" long drywall screws spaced at 12" o.c. All joints taped and sealed with compound

Note: In order to obtain 1-hour fire-resistive floor construction, the 1-1/2" wide No. 25 gage resilient channels must be fastened to each joist with 1-1/4" long Type W or S screws spaced 12" o.c. Additionally, the 5/8" Type 'X' gypsum wallboard must be fastened to channels with 1" long Type S screws.

ICC File No. ESR-1153, Assembly B, Option 2
Floor Assembly Rating - 1 HR
STC Rating - 58



1. 48/24 tongue-and-groove span rated sheathing (Exposure 1), nailed and glued to the TJI joists with construction adhesive conforming to ASTM D3498

2. Two layers of 1/2" thick Type C, or 5/8" thick Type X gypsum board

3. TJI Joist

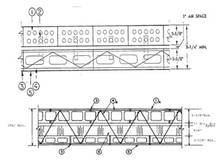
4. Optional minimum 3-1/2" thick glass fiber insulation or glass fiber insulation rated R-30 or less, with resilient channels (not shown)

Note: In order to obtain an STC rating of 58, the assembly requires 3/4" gypsum concrete topping (minimum) and two layers of 5/8" thick Type X gypsum board with minimum 3-1/2" thick fiber insulation or glass fiber insulation rated R-30 or less.

Note: Assembly B, Option 2 has a minimum STC rating of 58 when constructed with resilient channels spaced at 16" o.c. to separate the ceiling membrane from the structural framing, and with a 3/4" floor topping of gypsum concrete recognized in a current evaluation report.

DESIGN NO. U902

Bearing Wall Rating -- 4 HR. Alternate Detail

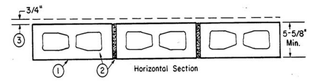


1. **Clay Face Brick --** 3-5/8 in. wide by 2-1/4 in. high by 8 in. long.
1A. **Concrete Blocks* --** Various designs, Classification D-2 (2 hr). See Concrete Blocks category for list of eligible manufacturers.
1 **Brick Ties --** 3/4 in. wide, 7 in. long corrugated 26 MSG galv steel. Spaced one to each brick in every second course of blocks.
2 **Mortar --** Bricks and blocks laid in full bed of mortar nom. 3/8 in. thick of not less than 2-1/4 and not more than 3-1/2 parts clean sharp sand to 1 part Portland cement (proportioned by vol) and not more than 50 percent hydrated lime (by cement vol). Vertical joints staggered.
3 **Reinforcement --** Parallel and diagonal rods, 0.150 in. min diam with welded joints a max 16 in. OC. Placed the width of concrete block wall in every second course of blocks alternately with brick ties.

4A. **Masonry Reinforcement --** Prefabricated steel reinforcement, truss or ladder type, used for embedment in every second horizontal mortar joint. Placed the full width of wall assembly. Side and cross rods No. 9
(0.150 in.) min diam with welded joints a max 16 in. OC.
5. **Concrete Blocks* --** Nom 4 in. wide. **OLDCASTLE PRECAST INC, DBA AMACOR PRECAST INC**
Concrete Blocks -- (Alternate to Item 5) -- Various designs Classification D-2 (2 h). See Concrete Blocks category for list of eligible manufacturers.
6. **Foamed Plastic* --** (Optional -- Not shown with clay face brick detail) Rigid polystyrene insulation for use between brick and/or concrete blocks. One or more layers of rigid extruded polystyrene insulation, 4 in. thick max having 1 in. min air space with face brick or blocks.
THE DOW CHEMICAL CO OC CELFORTEC INC OWENS CORNING SPECIALTY & FOAM PRODUCTS --Type 150 or 250.
6A. **Foamed Plastic* --** (Optional-Not shown with clay face brick detail). Rigid polyisocyanurate insulation for use between brick and/or concrete blocks. One or more layers of rigid extruded polystyrene insulation, 4 in. thick max having 1 in. min air space with face brick or blocks. **BPB AMERICA INC --**Type Thermax *Bearing the UL Classification Mark

DESIGN NO. U906

Bearing Wall Rating--2HR. Nonbearing Wall Rating--2HR.

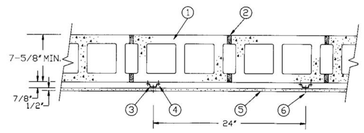


1. **Concrete Blocks* --** Nominal 6 by 8 by 16 in, hollow or solid. Classification D-2 (2 hr). **ANCHOR CONCRETE PRODUCTS INC GAGNE & SON CONCRETE BLOCK INC** Allowable compressive stress of 57% of max allowable compressive stress in accordance with the empirical design method. **BETCO BLOCK & PRODUCTS INC, DBA ARTHUR WHITCOMB WESTBROOK CONCRETE BLOCK CO INC** Allowable compressive stress of 75.6% of max allowable compressive stress in accordance with the empirical design method.
1 **Mortar --** Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
2 **Portland Cement Stucco or Gypsum Plaster --** Add 1/2 hr to Classifi\hichcation if used. Attached to concrete blocks (Item 1).
3 **Foamed Plastic* --** (Optional-Not Shown) -- 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

BPB AMERICA INC --Type Thermax *Bearing the UL Classification Mark
*Bearing the UL Classification Mark

DESIGN NO. U914

Bearing Wall Rating--3HR. Nonbearing Wall Rating--3HR.



1 **Concrete Blocks* --** Various designs. Classification D-2 (2 hr). See **Concrete Blocks** category for list of eligible manufacturers.
2 **Mortar --** Blocks laid in full bed of mortar, nom 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
3 **Furring Channels --** Min 0.019 in. thick (25 gauge) galv steel, 1-3/8 in. wide on top and 2-3/4 in. wide at bottom by 7/8 in. deep. Spaced 24 in. OC perpendicular to floor with a channel parallel to and approximately 3 in. above floor and 3 in. below ceiling. Clearance between vertical and horizontal channels 1/2 in.
4 **Channel Fasteners --** 1-1/4 in. long masonry screws with 3/16 in. body and 5/16 in. diameter head. Fasteners spaced 24 in. O.C. with the fasteners staggered on each long leg of the furring channel.

4A. **Steel Framing Members* --** (Not Shown) -- Alternate method used to attach furring channels (Item 3) to concrete blocks (Item 1). Clips spaced 48 in. OC., and secured to blocks with 1/4 in. dia. By 3 in. long concrete expansion anchor (Item 4B) through the center grommet. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Furring channels are friction fitted into clips.
PAC INTERNATIONAL INC --Type RSIC-1.
4B. **Concrete Expansion Anchor --** (Not Shown) -- 1/4 in. dia. by 3 in. long carbon steel, pre-assembled, nail drive expansion anchor with mushroom head driven into the web of the concrete block. Min. embedment in concrete block of 1-3/8 in. and evaluated in accordance with ASTM E 488 to have ultimate load capacities of 980 lbs (tension) and 1400 lbs (shear) when used in 2000 psi concrete.
5. **Gypsum Board* --** 1/2 in. thick, 4 ft wide, secured to furring channels with wallboard fasteners (Item 6). Gypsum plaster not more than 1/16 in. thick may be applied to wallboard in addition to joint treatment.
AMERICAN GYPSUM CO --Types AG-C, AGX-C. **BPB AMERICA INC --** ProRoc Type C. **BPB CANADA INC --** ProRoc Type C. **CANADIAN GYPSUM COMPANY --**Types C, IP-X2, IPC-AR. **G-P GYPSUM CORP, SUB OF GEORGIA-PACIFIC CORP --**Type 5. **LAFARGE NORTH AMERICA INC --**Types LGFC-C, LGFC C/A. **NATIONAL GYPSUM CO --**Types FSK-C, FSW-C, FSMR-C. **PABCO GYPSUM, DIV OF PACIFIC COAST BUILDING PRODUCTS INC --**Type PG-C.-- **STANDARD GYPSUM L L C --**Type SG-C. **TEMPLE-INLAND FOREST PRODUCTS CORP --**Type TG-C. **UNITED STATES GYPSUM CO --**Types C, IP-X2, IPC-AR. **USG MEXICO S ADE C V --**Types C, IP-X2, IPC-AR.
1 **Wallboard Fasteners --** 1 in. long, self-drilling, self-tapping steel screws with bugle heads. Fasteners attached to each furring channel and spaced 8 in. OC at butt joints and 12 in. OC in the field of the board parallel with furring channels. Clearance between fasteners and edges of wallboard 3/4 in.
2 **Joint System -- (Not shown) --** Paper tape embedded in cementitious compound over joints. Paper tape and exposed screw heads covered with two layers of compound. Edges of compound feathered out.

*Bearing the UL Classification Mark

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REVISIONS		
No.	Date	Description

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ASHISH MISHRA
REG. NO. 34514
11/27/13
STATE OF LOUISIANA
REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
UL Listings

Phase
Construction Documents

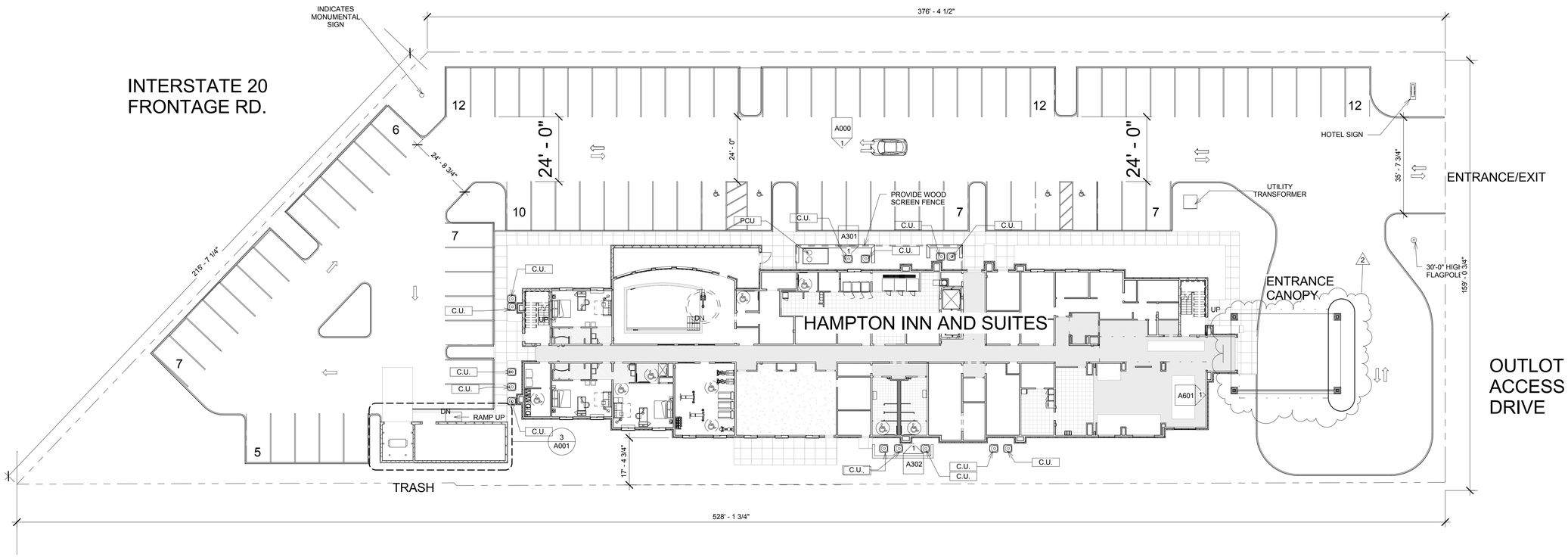
Project No. 12-111
Prepared by Author
Checked by Checker
Date Sept. 16, 2013

Sheet No.
UL101

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Hampton Inn and Suites

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INDICATES MONUMENTAL SIGN
376' - 4 1/2"
INTERSTATE 20
FRONTAGE RD.
12
12
12
6
24' - 9 3/4"
24' - 0"
24' - 0"
24' - 0"
A000
1
HOTEL SIGN
35' - 7 3/4"
ENTRANCE/EXIT
PROVIDE WOOD SCREEN FENCE
UTILITY TRANSFORMER
10
7
7
7
PCU
C.U.
A301
1
C.U.
C.U.
C.U.

GENERAL NOTES

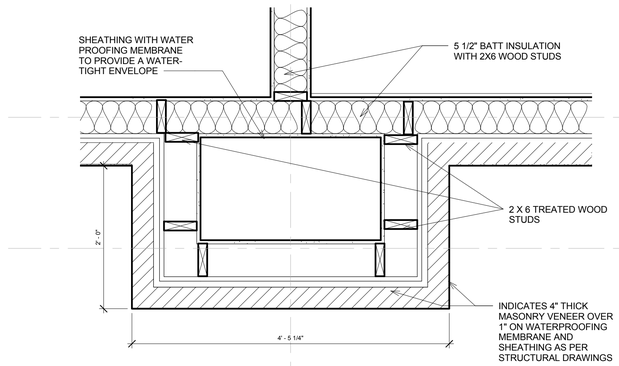
1. HANDRAIL AND LADDER SHALL BE 1 1/2" DIA. STAINLESS STEEL.

2. THE POOL DRAWINGS & RELATED SPECS. ARE TO BE CONSIDERED AS MINIMUM REQUIREMENTS. THE G.C. & POOL CONTRACTOR ARE RESPONSIBLE FOR THE IMPLEMENTATION OF ALL APPLICABLE CODES ASSOCIATED WITH THE CONSTRUCTION TECHNIQUE OF THE POOL AREA & THE POOL EQUIPMENT ROOM.

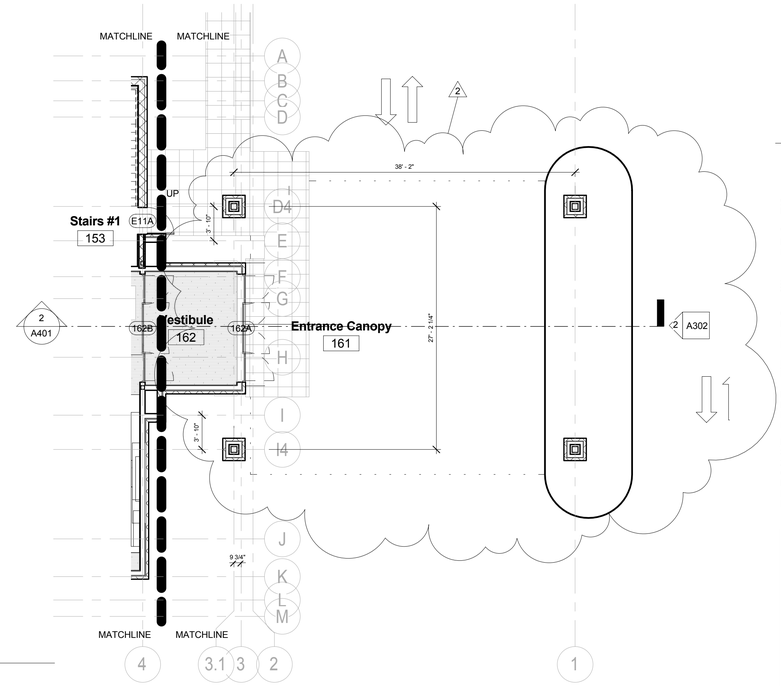
3. DRAINAGE FOR THE DECK AREA MUST BE PROVIDED BY TRENCH DRAIN OR SLOPING DECK TOWARDS LANDSCAPED AREA. CONTRACTOR TO PROVIDE TWO POOL DRAINS.

4. AN EMERGENCY HOUSE PHONE MUST BE PROVIDED AT THE POOL. IT MUST BE IN A WEATHER TIGHT ENCLOSURE. WHEN THE RECEIVER IS LIFTED, THE PHONE MUST AUTOMATICALLY DIAL THE FRONT DESK. THE TOP OF THE PHONE MUST BE MOUNTED NO HIGHER THAN 48" FROM THE FLOOR.

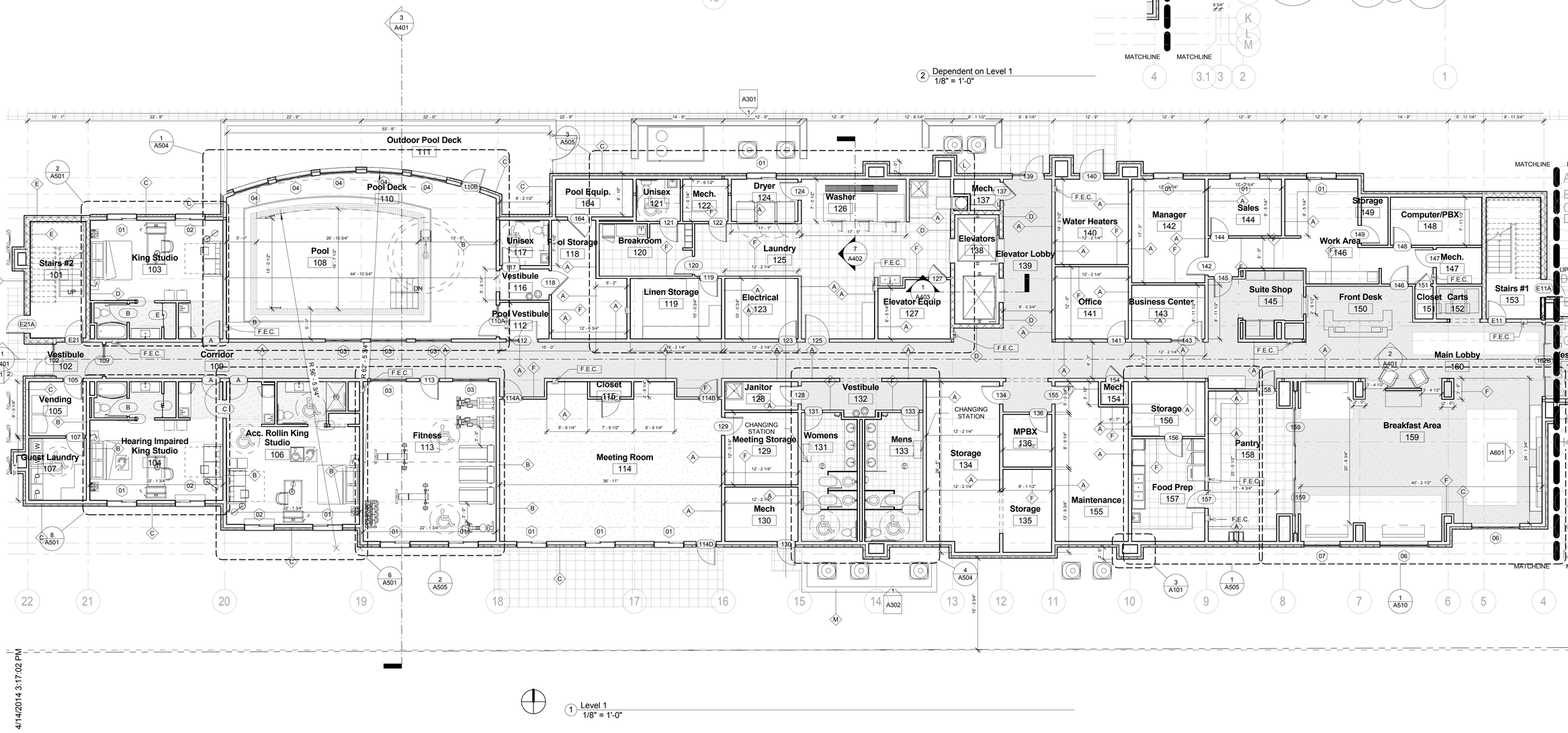
5. GENERAL CONTRACTOR TO PROVIDE UNDERWATER LIGHTS AND CONNECTIONS TO POOL DRAINS.



3 Typical Pilaster Detail
1" = 1'-0"



2 Dependent on Level 1
1/8" = 1'-0"



1 Level 1
1/8" = 1'-0"

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No.	Date	Description
2	3/11/14	Hilton update

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ASHISH MISHRA REG. NO. 6459 STATE OF LOUISIANA REGISTERED ARCHITECT 11/7/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
First Floor Plan

Phase
Construction Documents

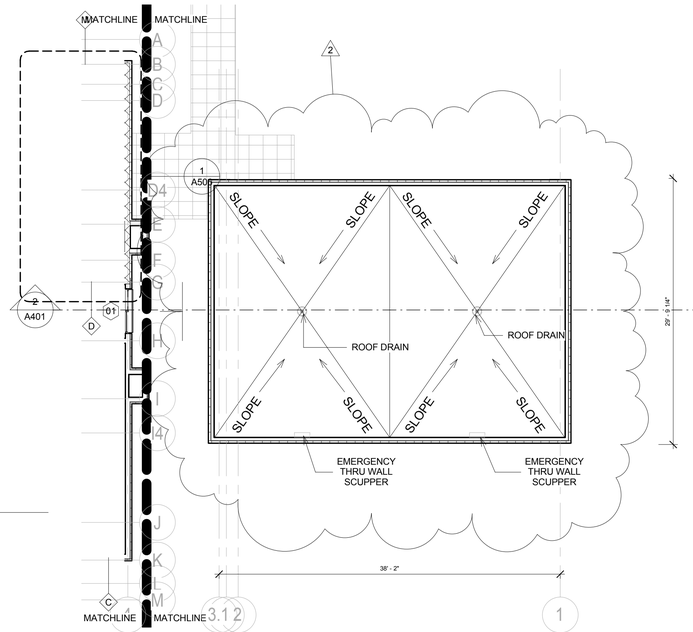
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A101

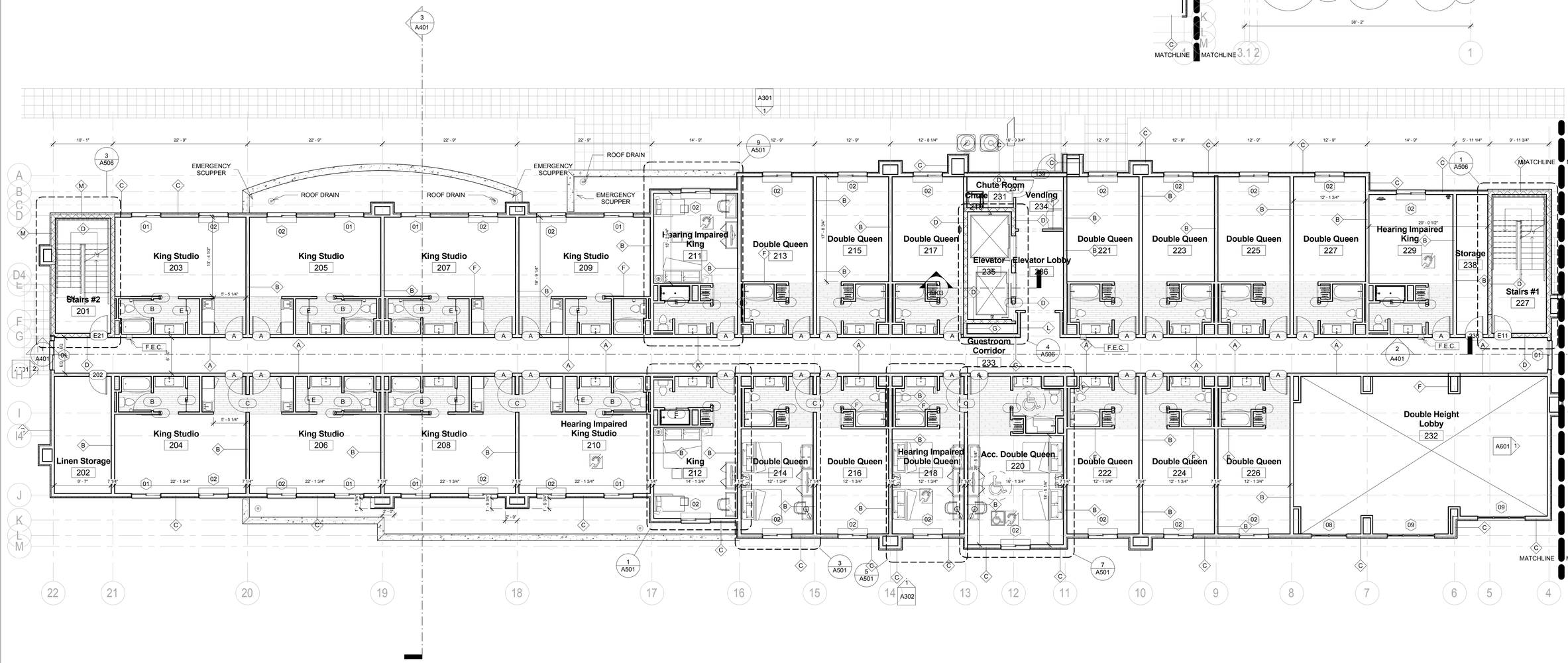
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Hampton Inn and Suites



2 Dependent on Level 2
1/8" = 1'-0"



1 Level 2
1/8" = 1'-0"

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2	3/11/14	Hilton update

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

MATCHLINE
5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Second Floor Plan

Phase
Construction Documents

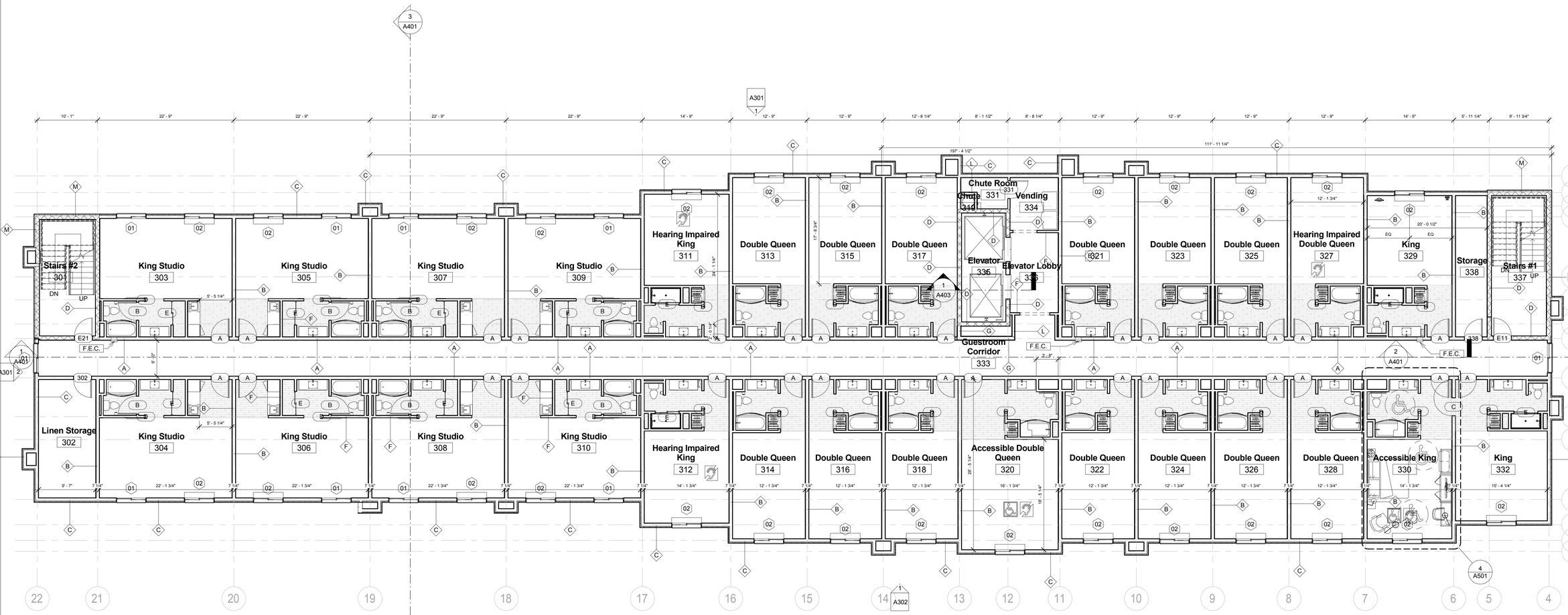
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Date	Sept. 16, 2013

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Hampton Inn and Suites



1 Level 3
1/8" = 1'-0"

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ASHISH MISHRA
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STATE OF LOUISIANA
REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Third Floor Plan

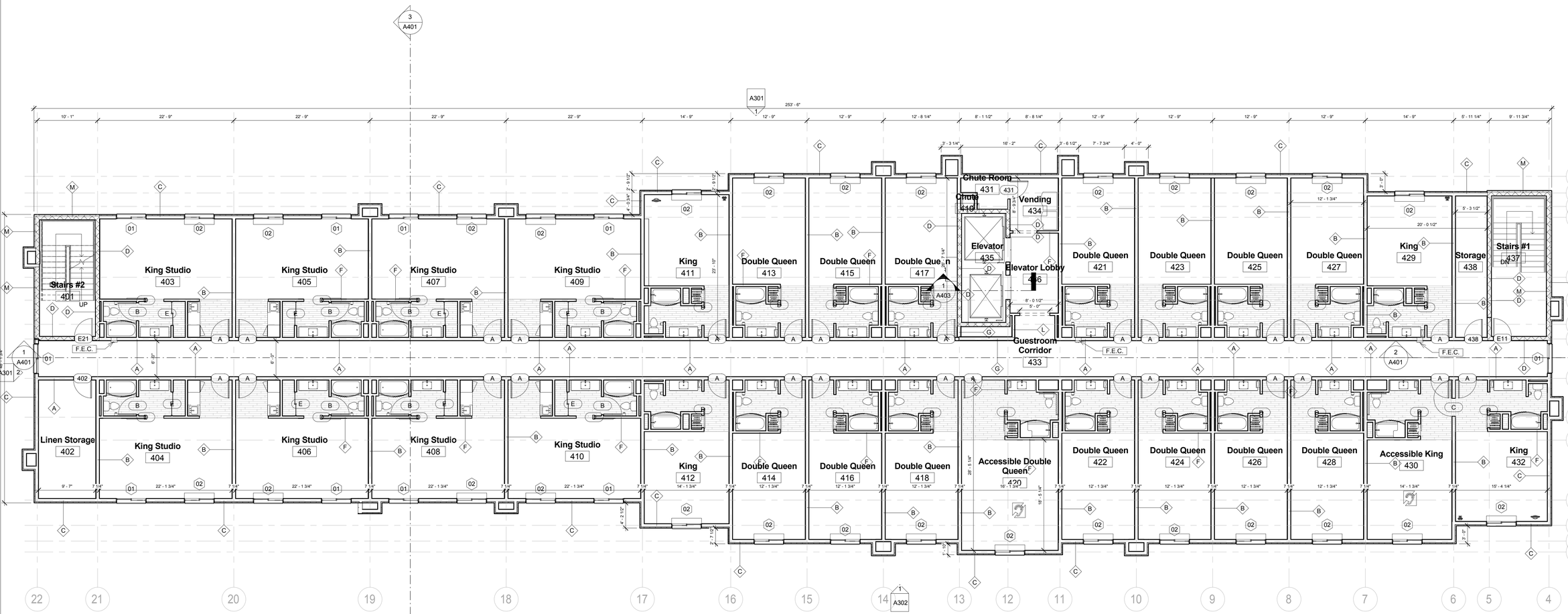
Phase
Construction Documents

Project No.	12-111
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Date	Sept. 16, 2013

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Hampton Inn and Suites



1 Level 4
1/8" = 1'-0"

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ASHISH MISHRA REG. NO. 6456 STATE OF LOUISIANA REGISTERED ARCHITECT 11/15/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Fourth Floor Plan

Phase
Construction Documents

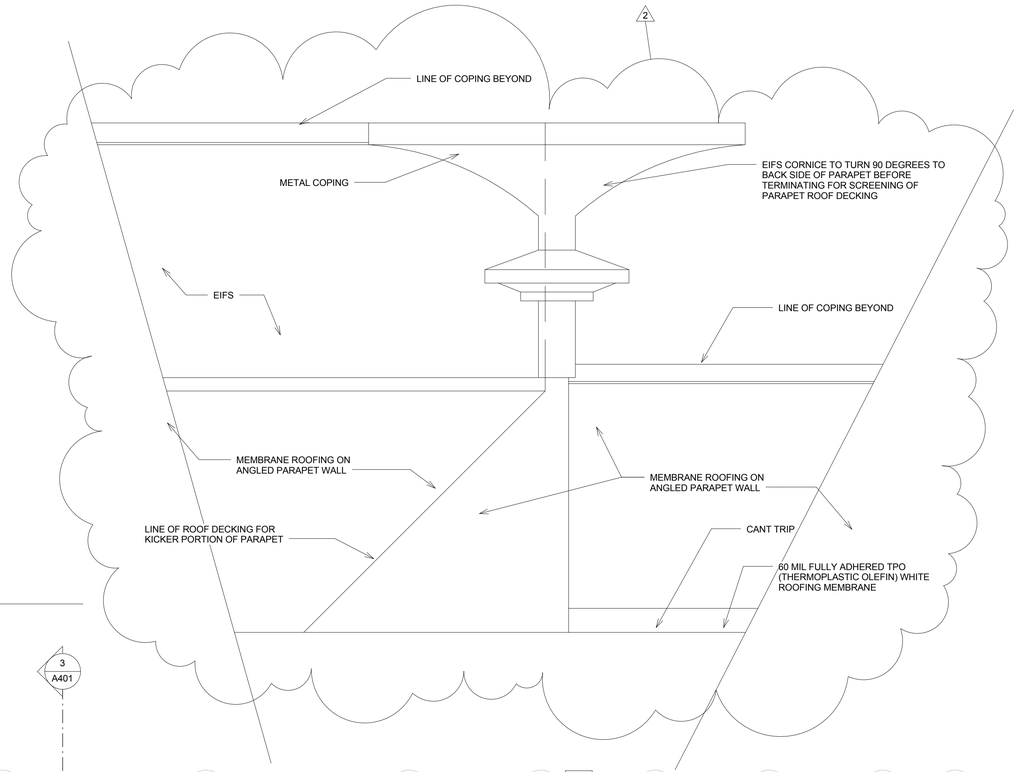
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Date	Sept. 16, 2013

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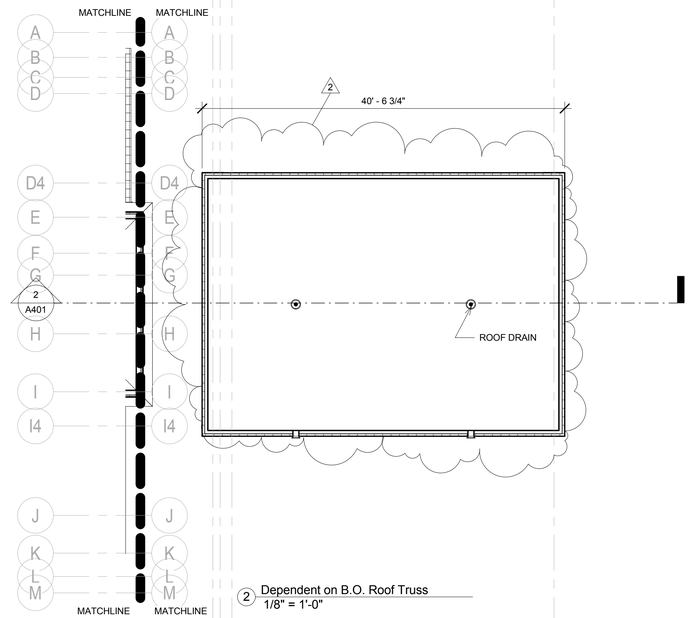
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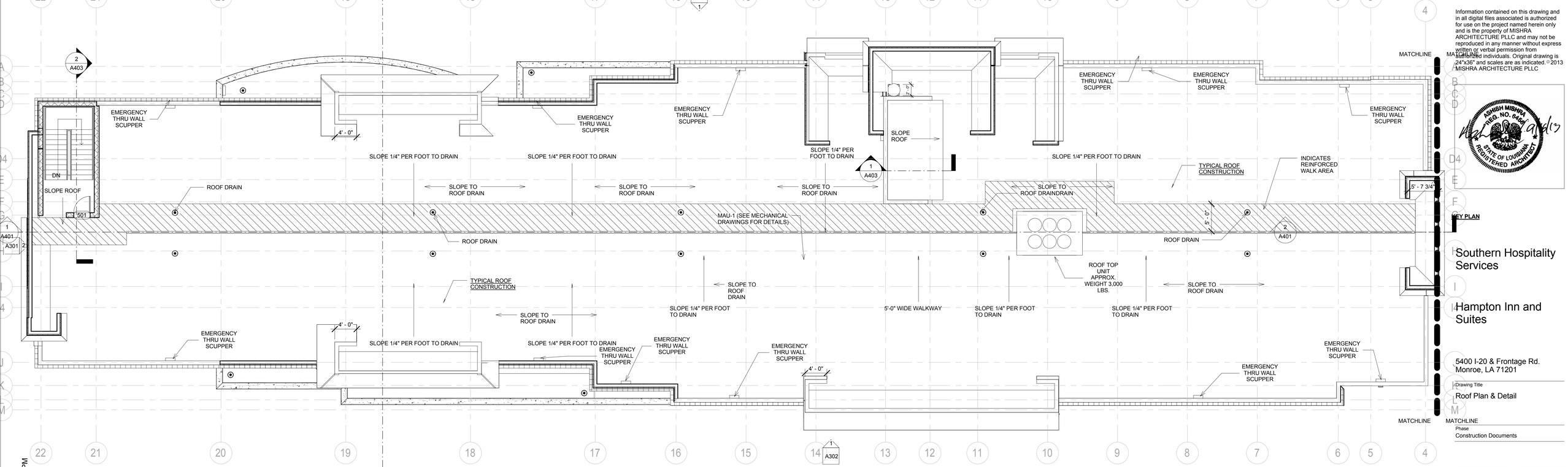
Hampton Inn and Suites



3 Elevation - Back of Parapet
1" = 1'-0"



2 Dependent on B.O. Roof Truss
1/8" = 1'-0"



1 B.O. Roof Truss
1/8" = 1'-0"

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REVISIONS		
No.	Date	Description
1	12/3/13	Hilton review
2	3/11/14	Hilton update

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ASHISH MISHRA REG. NO. 34464 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Roof Plan & Detail

Phase
Construction Documents

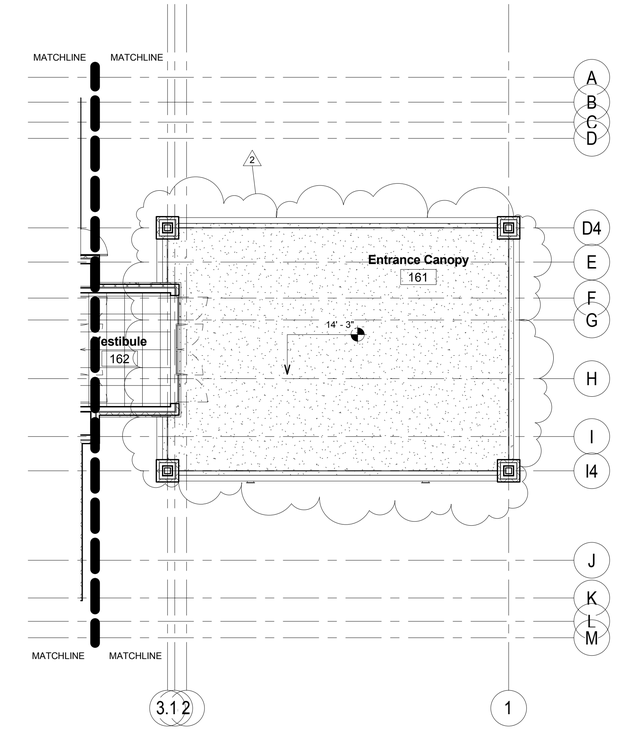
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Date Sept. 16, 2013

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2 Dependent on Level 1
1/8" = 1'-0"

RCP LEGEND

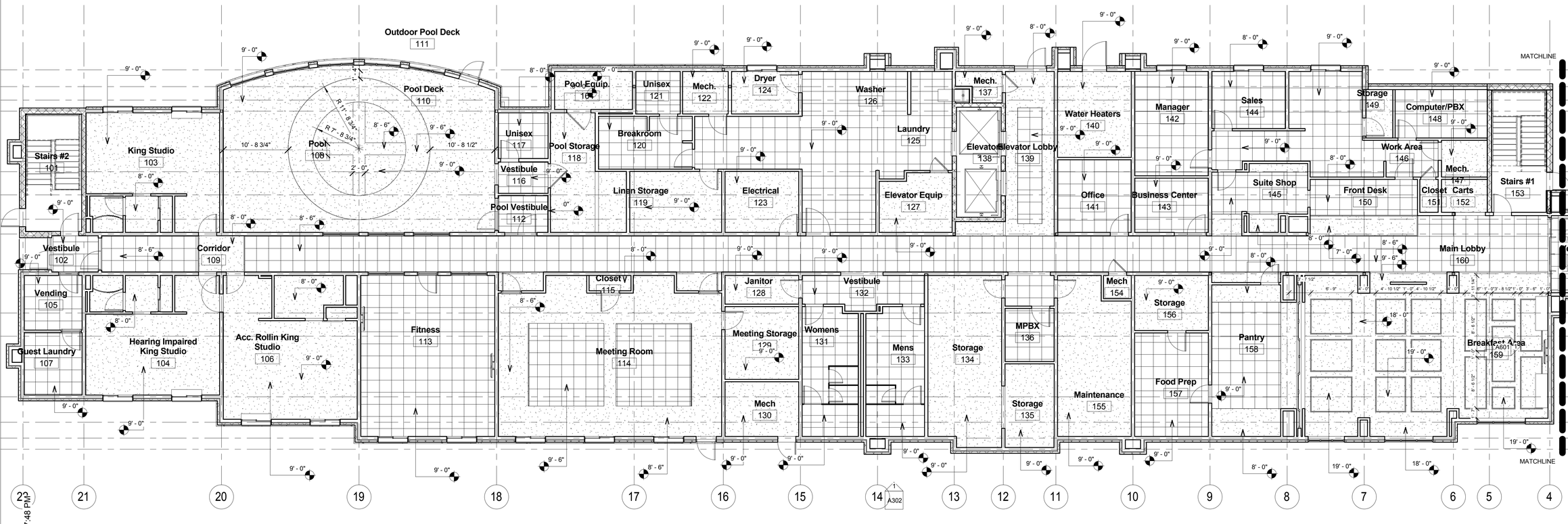
GYPSUM BOARD

2' x 2' ACT CEILING

1. ALL WET AREAS INCLUDING GUEST BATHROOMS TO HAVE MOISTURE RESISTANT GYPSUM BOARD CEILING.

2. ALL PUBLIC AREAS ACOUSTICAL CEILING TILE TO BE TEGULAR WITH REVEAL.

3. ALL AREAS WITH ACOUSTICAL CEILING TILE NEED TO MAINTAIN ONE HOUR FLOOR CEILING FIRE RATING BY INSTALLING TYPE "X" 5/8" GYPSUM BOARD OVER FLOOR/ROOF JOISTS.



1 Level 1
1/8" = 1'-0"

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REVISIONS		
No.	Date	Description
1	12/3/13	Hilton review
2	3/11/14	Hilton update

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ASHISH MISHRA REG. NO. 9426 STATE OF LOUISIANA REGISTERED ARCHITECT 4/14/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
First Floor RCP

Phase
Construction Documents

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Checked by	Checker
Date	Sept. 16, 2013

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Hampton Inn and Suites



RCP LEGEND

- GYPSUM BOARD
- 2' x 2' ACT CEILING

1. ALL WET AREAS INCLUDING GUEST BATHROOMS TO HAVE MOISTURE RESISTANT GYPSUM BOARD CEILING.

2. ALL PUBLIC AREAS ACOUSTICAL CEILING TILE TO BE TEGULAR WITH REVEAL.

3. ALL AREAS WITH ACOUSTICAL CEILING TILE NEED TO MAINTAIN ONE HOUR FLOOR CEILING FIRE RATING BY INSTALLING TYPE "X" 5/8" GYPSUM BOARD OVER FLOOR/ROOF JOISTS.

1 Level 2
1/8" = 1'-0"

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REVISIONS		
No.	Date	Description
1	12/3/13	Hilton review

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ASHISH MISHRA REG. NO. 8456 STATE OF LOUISIANA REGISTERED ARCHITECT

4/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Second Floor RCP

Phase
Construction Documents

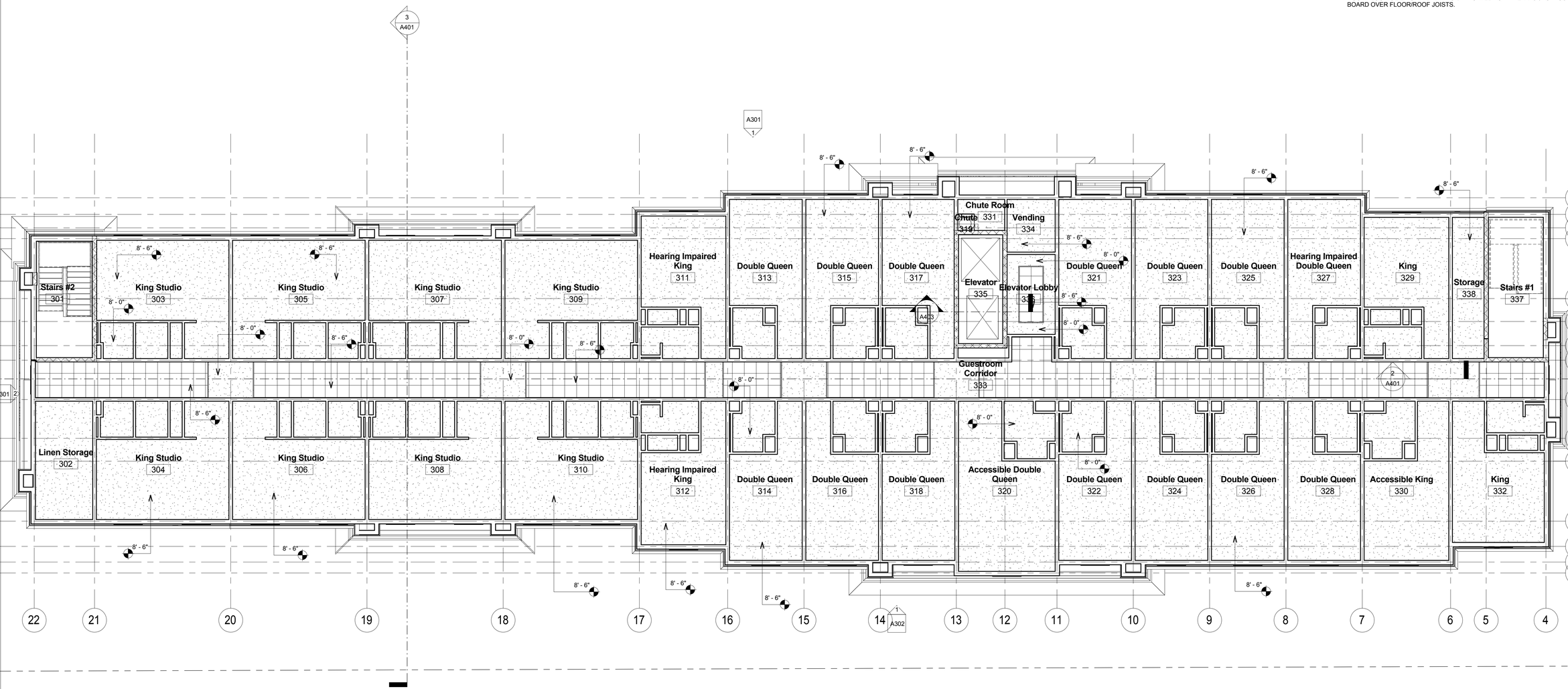
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A202

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Hampton Inn and Suites



1 Level 3
1/8" = 1'-0"

RCP LEGEND

GYPSUM BOARD

2' x 2' ACT CEILING

1. ALL WET AREAS INCLUDING GUEST BATHROOMS TO HAVE MOISTURE RESISTANT GYPSUM BOARD CEILING.

2. ALL PUBLIC AREAS ACOUSTICAL CEILING TILE TO BE TEGULAR WITH REVEAL.

3. ALL AREAS WITH ACOUSTICAL CEILING TILE NEED TO MAINTAIN ONE HOUR FLOOR CEILING FIRE RATING BY INSTALLING TYPE "X" 5/8" GYPSUM BOARD OVER FLOOR/ROOF JOISTS.

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REVISIONS

No.	Date	Description
1	12/3/13	Hilton review

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ASHISH MISHRA REG. NO. 04564 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Third Floor RCP

Phase
Construction Documents

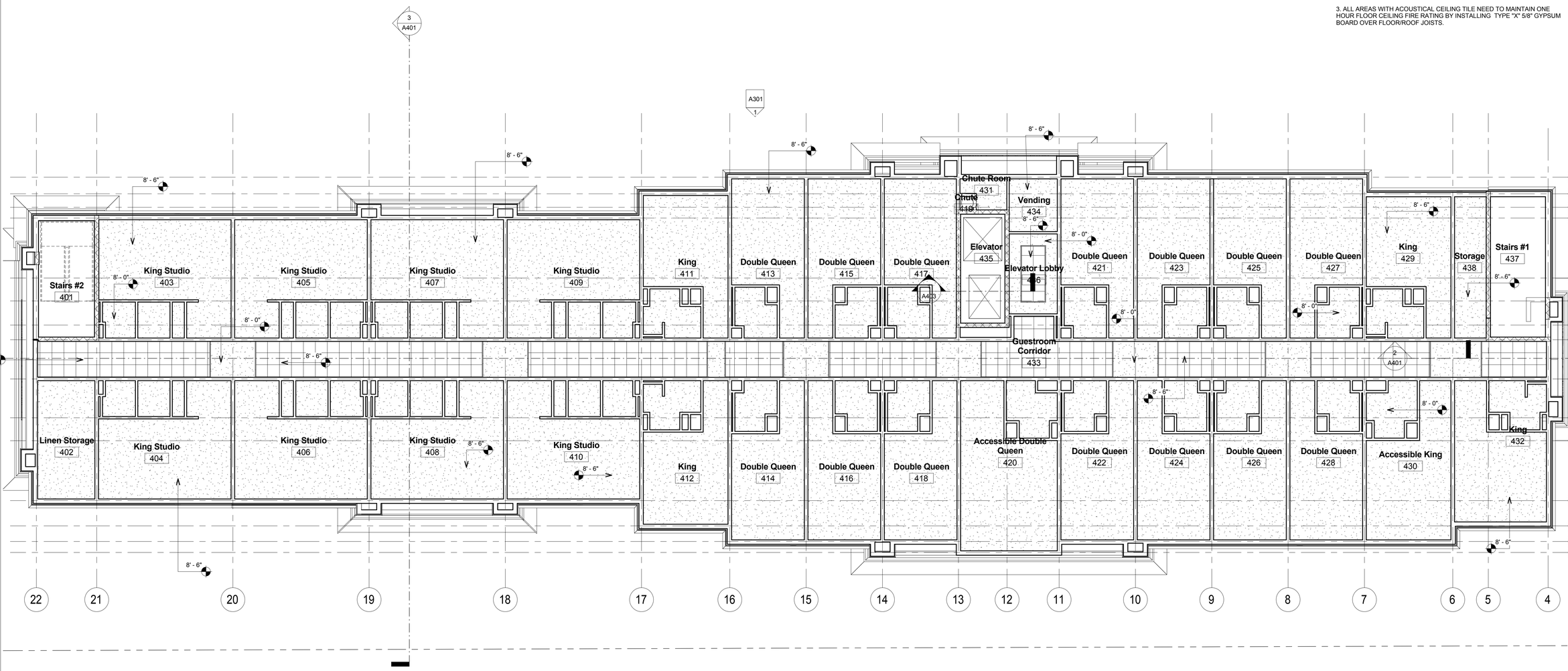
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Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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Hampton Inn and Suites



RCP LEGEND

GYPSUM BOARD

2' x 2' ACT CEILING

1. ALL WET AREAS INCLUDING GUEST BATHROOMS TO HAVE MOISTURE RESISTANT GYPSUM BOARD CEILING.

2. ALL PUBLIC AREAS ACOUSTICAL CEILING TILE TO BE TEGULAR WITH REVEAL.

3. ALL AREAS WITH ACOUSTICAL CEILING TILE NEED TO MAINTAIN ONE HOUR FLOOR CEILING FIRE RATING BY INSTALLING TYPE "X" 5/8" GYPSUM BOARD OVER FLOOR/ROOF JOISTS.

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REVISIONS		
No.	Date	Description
1	12/3/13	Hilton review

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ASHISH MISHRA
REG. NO. 6440
STATE OF LOUISIANA
REGISTERED ARCHITECT
9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Fourth Floor RCP

Phase
Construction Documents

Project No. 12-111
Prepared by Author
Checked by Checker
Date Sept. 16, 2013

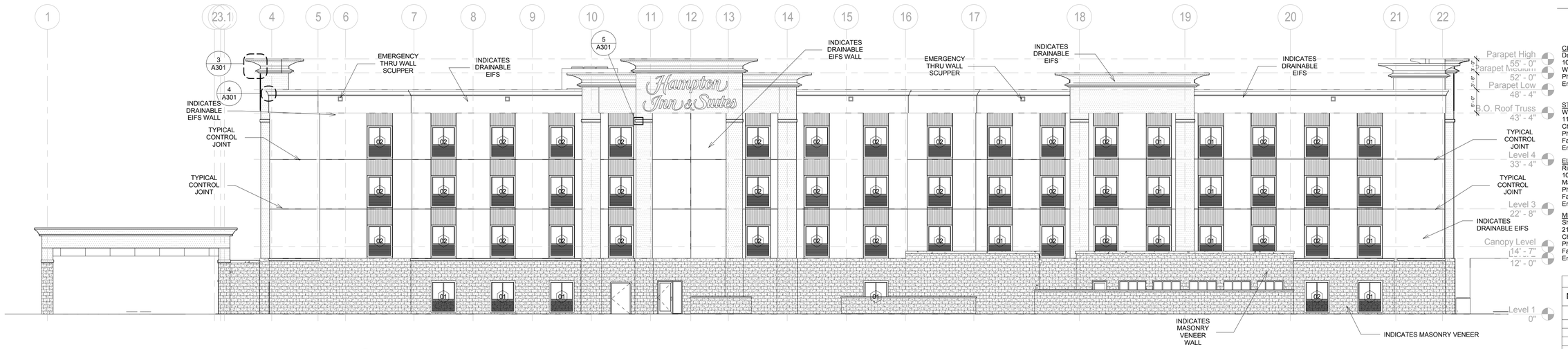
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1 Level 4
1/8" = 1'-0"

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Hampton Inn and Suites

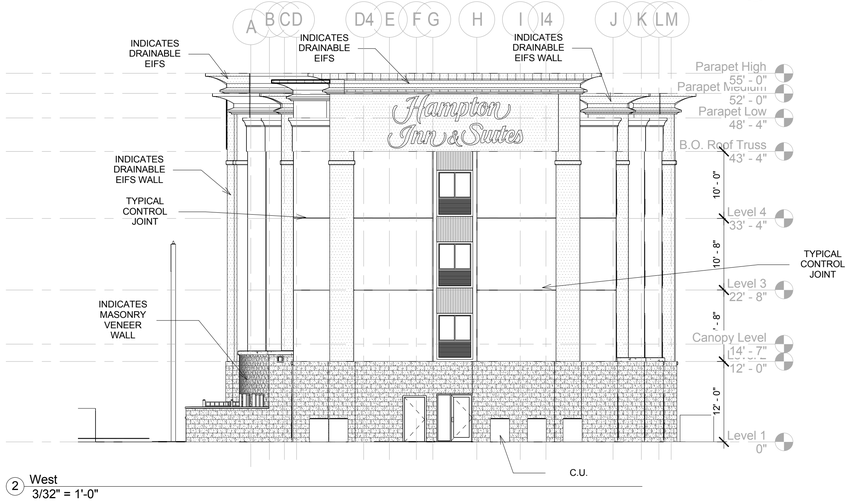


1 North
3/32" = 1'-0"

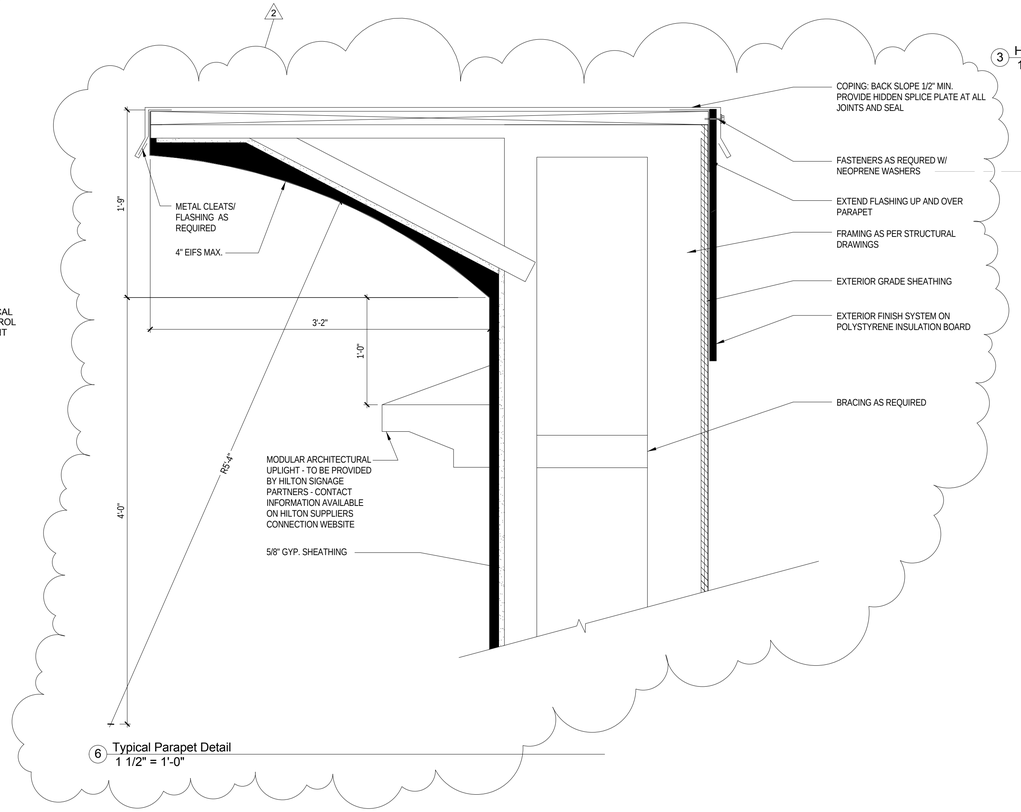
E.I.F.S. COLOR LEGEND

- COLOR 'A' SW DRYVIT #400 FRENCH TOAST
- COLOR 'B' SW DRYVIT #108 MANOR WHITE
- COLOR 'C' SW #7523 BURNISHED BRANDY
- MASONRY VENEER WILL BE SPLIT-FACE CMU VENEER-"BLOCK USA, SMOKE HOUSE BROWN"

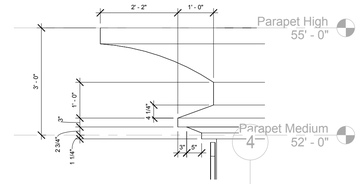
REFERENCE STANDARDS FOR APPROVED COLOR OPTIONS
SW STANDS FOR SHERWIN WILLIAMS



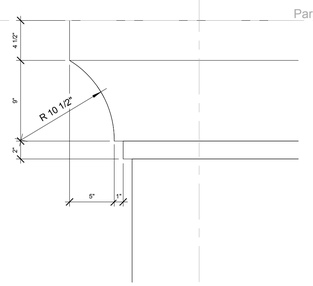
2 West
3/32" = 1'-0"



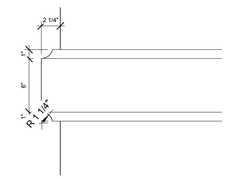
6 Typical Parapet Detail
1 1/2" = 1'-0"



3 High Parapet Profile
1/2" = 1'-0"



4 Low Parapet Profile
1 1/2" = 1'-0"



5 EIFS Band Detail Typical
1 1/2" = 1'-0"

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REVISIONS		
No.	Date	Description
1	12/3/13	Hilton review
2	3/1/14	Hilton update

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ASHISH MISHRA REG. NO. 34286 STATE OF LOUISIANA REGISTERED ARCHITECT

4/14/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Elevations

Phase
Construction Documents

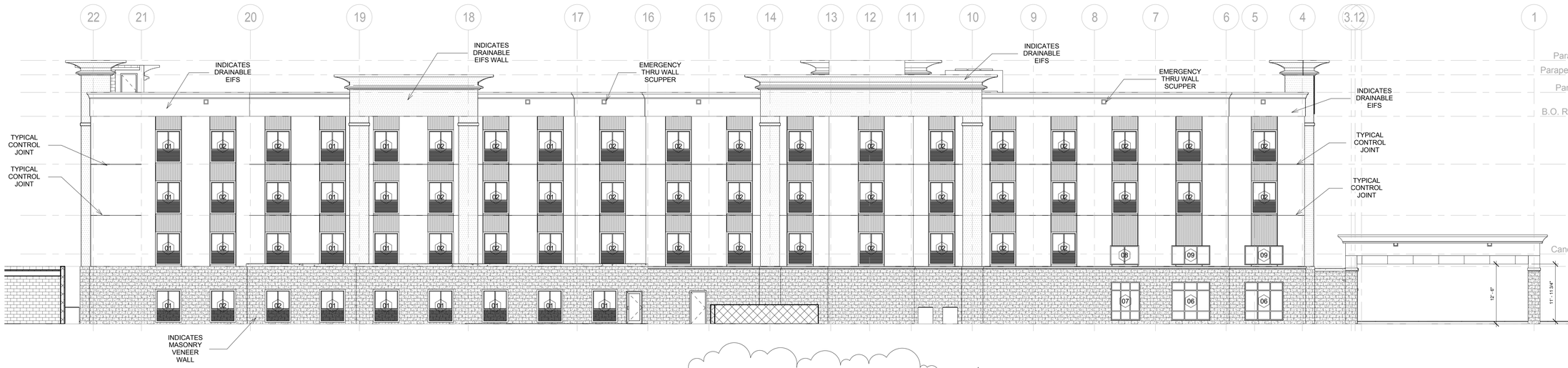
Project No.	12-111
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Date	Sept. 16, 2013

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Hampton Inn and Suites

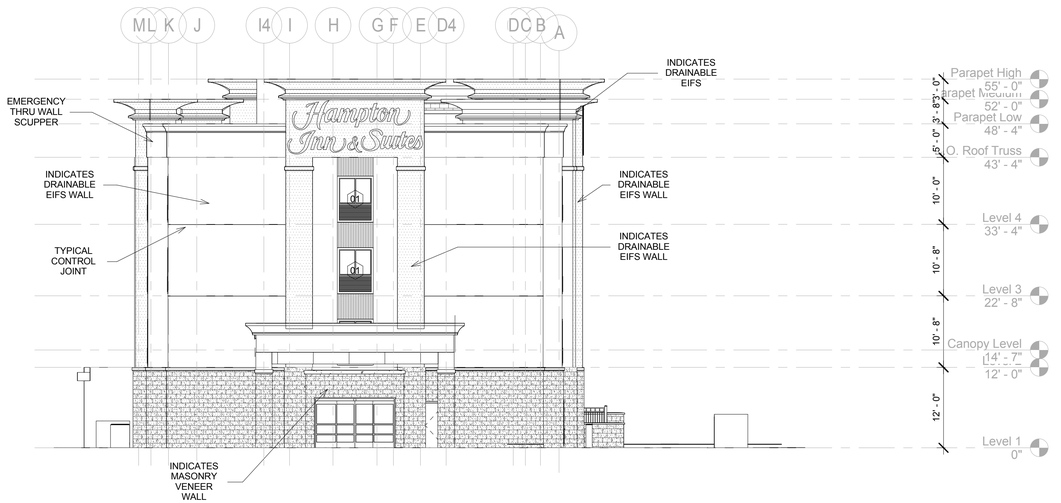


1 South
3/32" = 1'-0"

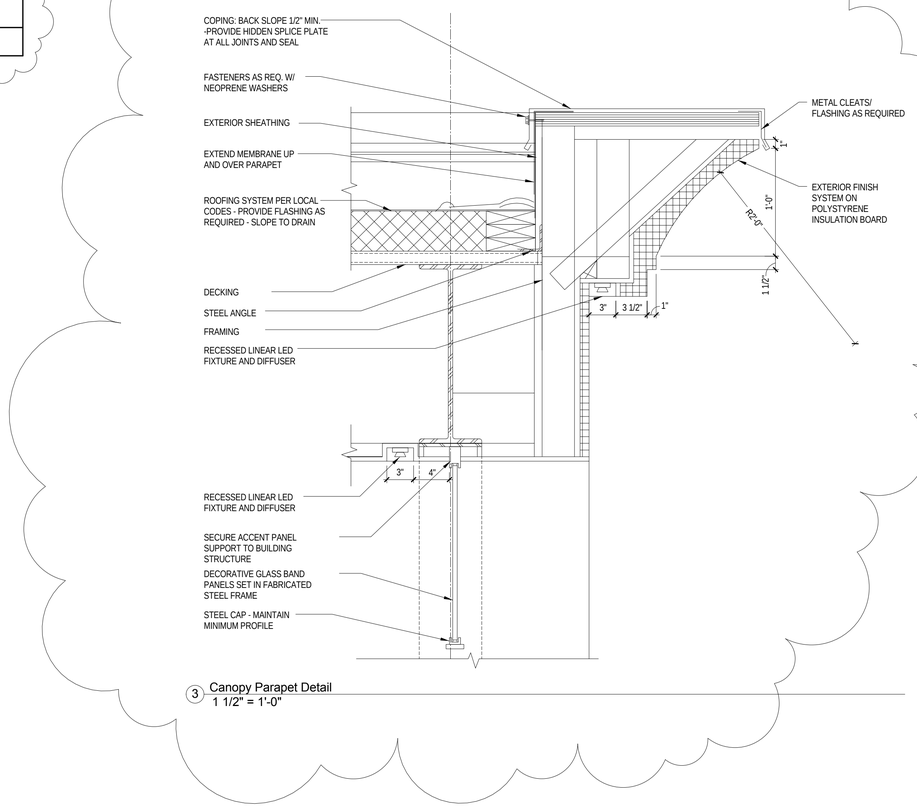
E.I.F.S. COLOR LEGEND

- COLOR 'A' SW DRYVIT #400 FRENCH TOAST
- COLOR 'B' SW DRYVIT #108 MANOR WHITE
- COLOR 'C' SW #7523 BURNISHED BRANDY
- MASONRY VENEER WILL BE SPLIT-FACE CMU VENEER-"BLOCK USA, SMOKE HOUSE BROWN"

REFERENCE STANDARDS FOR APPROVED COLOR OPTIONS
SW STANDS FOR SHERWIN WILLIAMS



2 East
3/32" = 1'-0"



3 Canopy Parapet Detail
1 1/2" = 1'-0"

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REVISIONS		
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1	12/3/13	Hilton review
2	3/11/14	Hilton update

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ASHISH MISHRA REG. NO. 6466 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Elevations

Phase
Construction Documents

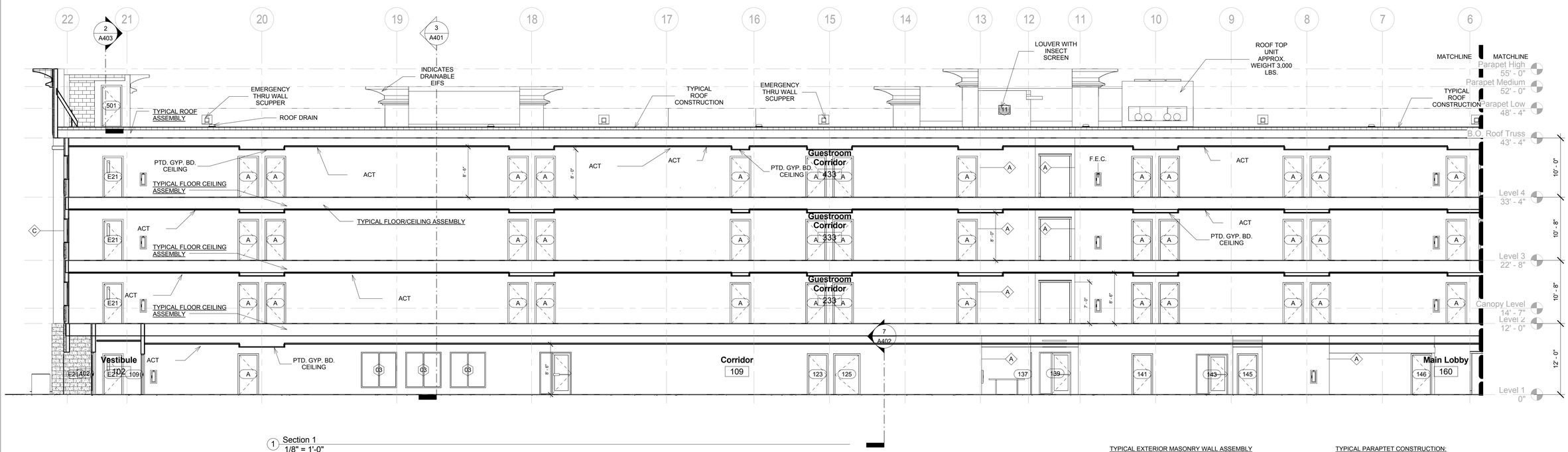
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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A302

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1 Section 1
1/8" = 1'-0"

TYPICAL EXTERIOR MASONRY WALL ASSEMBLY

FACE BRICK WITH 7/8" WIDE 29 GA. GALV. METAL TIES AT 32" O.C. HORIZONTAL 16" O.C. VERTICAL W/ 1" AIR GAP 8" CMU BLOCK W/ WATERPROOFING 1" SCORED RIGID INSULATION. FURRYING CANNELS W/ 5/8" GYP BD. ON INSIDE

TYPICAL EIFS WALL CONSTRUCTION:

-5/8" GYPSUM ON 6" WOOD STUDS @ 16" O.C. W/ UNFACED R-13 BATT INSULATION
-5/8" PLYWOOD SHEATHING
-2" DRAINABLE EIFS

TYPICAL ROOF CONSTRUCTION:
ONE HOUR RATED ASSEMBLY AS PER U.L. DESIGN P-522

- 60 MIL FULLY ADHERED TPO (THERMOPLASTIC OLEFIN) WHITE ROOFING MEMBRANE
- 4.5" MINIMUM RIGID INSULATION ON ROOF DECK.
- 5/8" GYP. BD. WITH 6" BATT INSULATION MIN. ON 2 1/2" FURRING CHANNELS @ 24" O.C. ON CEILING SIDE-SEE STRUCTURAL DRAWINGS FOR DETAILS

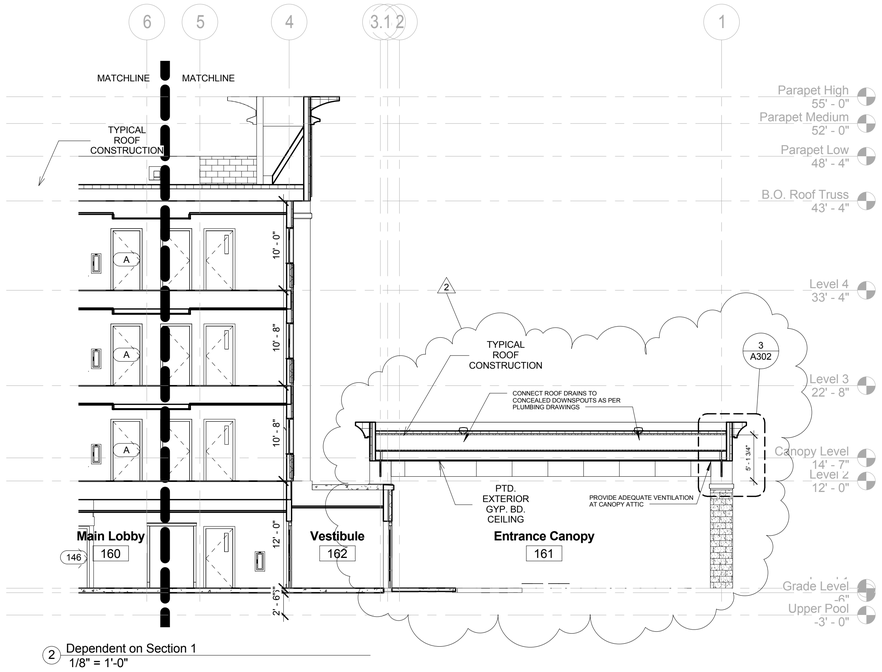
TYPICAL PARAPTET CONSTRUCTION:

-PREFINISHED METAL COPING ON TREATED BLOCKING.
-ROOF MEMBRANE ALONG INSIDE FACE, UP AND OVER TOP OF PARAPET WALL
-PLYWOOD (FIRE TREATED) NAILER PANEL AT INSIDE FACE OF WALL-SEE DETAIL

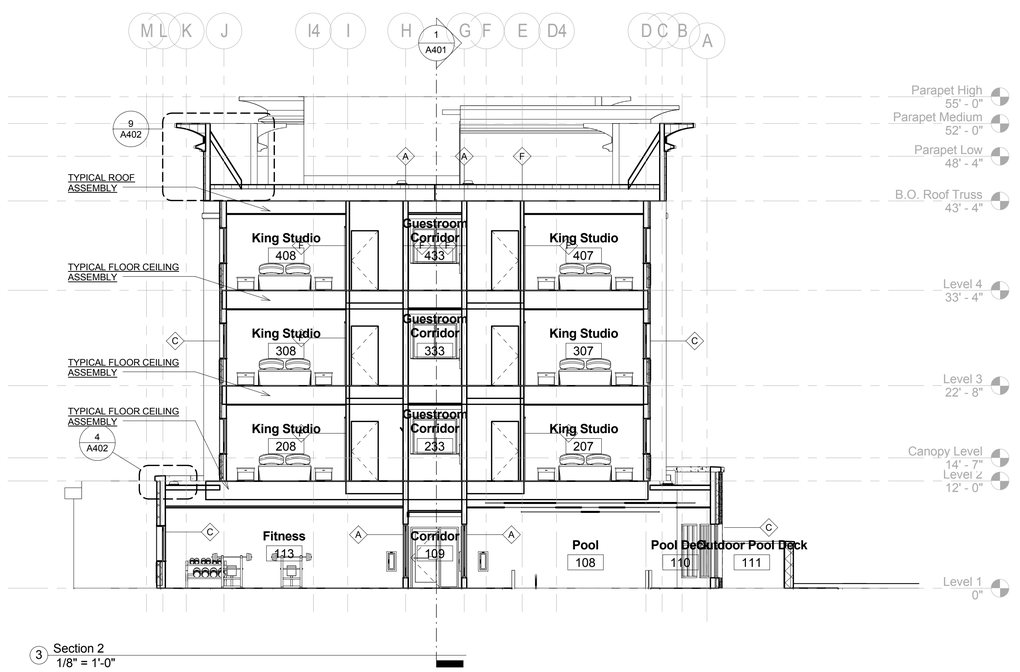
TYPICAL FLOOR/CEILING ASSEMBLY:
ONE HOUR RATED ASSEMBLY AS PER U.L. DESIGN L-528

3/4" GYPCRETE ON SEALANT OVER 23/32" STRUCTURAL PANELS ON 16" WOOD TRUSSES @ 24" O.C.
5/8" F.C. GYP. BD. ON #26 MSG. RESILIENT CHANNELS @ 16" O.C.

ALL ACOUSTICAL CEILING TILE TO BE INSTALLED BELOW THE ONE-HOUR RATED FLOOR/CEILING ASSEMBLY WITHOUT COMPROMISING ON THE ASSEMBLY RATING. ALL PENETRATIONS TO BE FIRE-CAULKED AS PER UL STANDARDS TO PROVIDE ONE-HOURS FLOOR/CEILING ASSEMBLY ON ALL FLOORS.



2 Dependent on Section 1
1/8" = 1'-0"



3 Section 2
1/8" = 1'-0"

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REVISIONS		
No.	Date	Description
2	3/11/14	Hilton update

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ASHISH MISHRA REG. NO. 6456 STATE OF LOUISIANA REGISTERED ARCHITECT 11/9/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Sections

Phase
Construction Documents

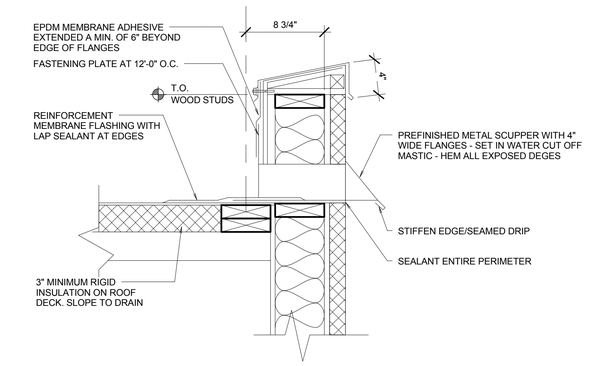
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1 Parapet Detail
1 1/2" = 1'-0"

TYPICAL EXTERIOR MASONRY WALL ASSEMBLY

FACE BRICK WITH 7/8" WIDE 29 GA. GALV. METAL TIES AT 32" O.C. HORIZONTAL 16" O.C. VERTICAL W/ 1" AIR GAP 8" CMU BLOCK W/ WATERPROOFING 1" SCORED RIGID INSULATION. FURRYING CANNELS W/ 5/8" GYP BD. ON INSIDE

TYPICAL EIFS WALL CONSTRUCTION:

-5/8" GYPSUM ON 6" WOOD STUDS @ 16" O.C. W/ UNFACED R-13 BATT INSULATION
-5/8" PLYWOOD SHEATHING
-2" DRAINABLE EIFS

TYPICAL ROOF CONSTRUCTION:
ONE HOUR RATED ASSEMBLY AS PER U.L. DESIGN P-522

- 60 MIL MECHANICALLY FASTENED TPO (THERMOPLASTIC OLEFIN) WHITE ROOFING MEMBRANE
- 3" MINIMUM RIGID INSULATION ON ROOF DECK.
- 5/8" GYP. BD. ON 2 1/2" FURRING CHANNELS @ 24" O.C. ON CEILING SIDE-SEE STRUCTURAL DRAWINGS FOR DETAILS

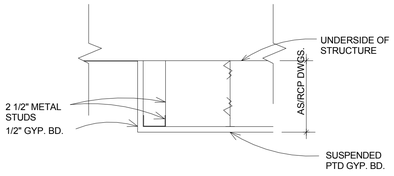
TYPICAL PARAPTET CONSTRUCTION:

-PREFINISHED METAL COPING ON TREATED BLOCKING.
-ROOF MEMBRANE ALONG INSIDE FACE, UP AND OVER TOP OF PARAPET WALL
-PLYWOOD (FIRE TREATED) NAILER PANEL AT INSIDE FACE OF WALL-SEE DETAIL

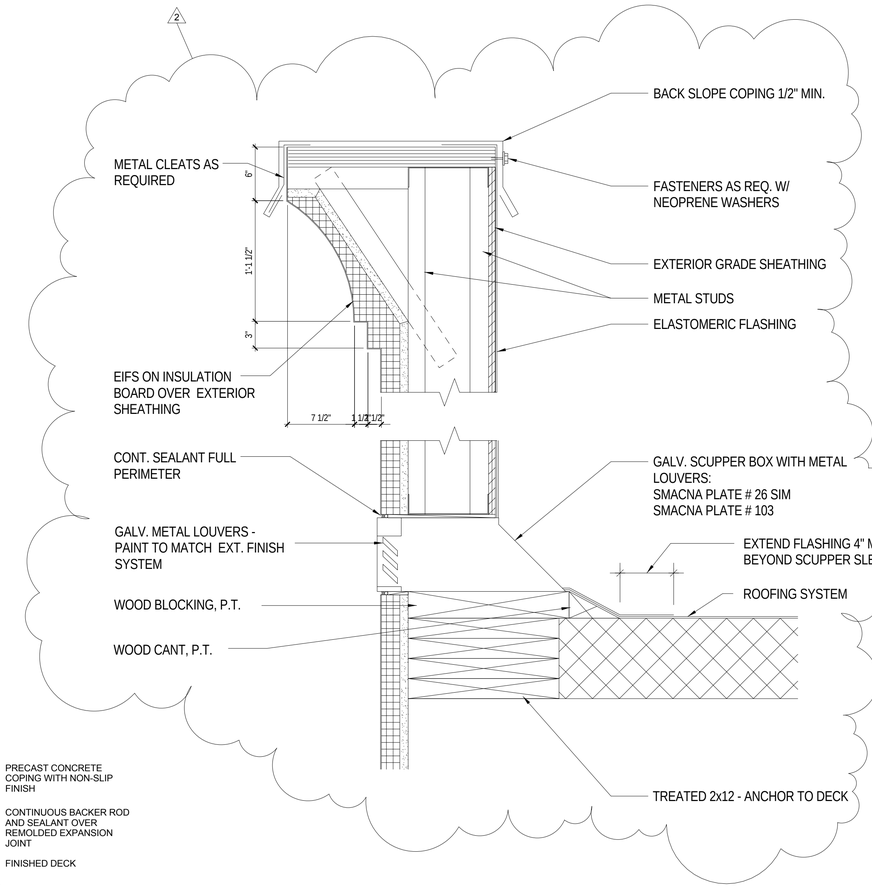
TYPICAL FLOOR/CEILING ASSEMBLY:
ONE HOUR RATED ASSEMBLY AS PER U.L. DESIGN L-528

3/4" GYPCRETE ON SEALANT OVER 23/32" STRUCTURAL PANELS ON 16" WOOD TRUSSES @ 24" O.C.
5/8" F.C. GYP. BD. ON #26 MSG. RESILIENT CHANNELS @ 16" O.C.

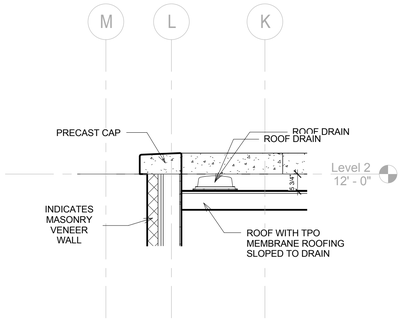
ALL ACOUSTICAL CEILING TILE TO BE INSTALLED BELOW THE ONE-HOUR RATED FLOOR/CEILING ASSEMBLY WITHOUT COMPROMISING ON THE ASSEMBLY RATING. ALL PENETRATIONS TO BE FIRE-CAULKED AS PER UL STANDARDS TO PROVIDE ONE-HOURS FLOOR/CEILING ASSEMBLY ON ALL FLOORS.



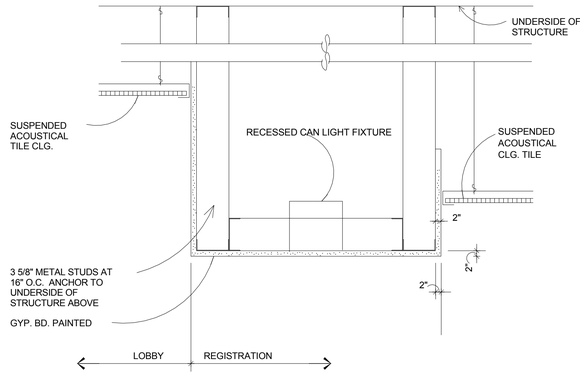
2 Corridor Furrdown detail
1 1/2" = 1'-0"



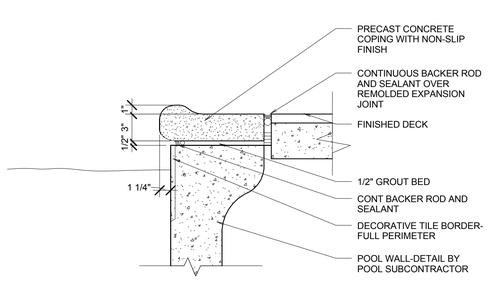
3 Main Roof Scupper Detail
1 1/2" = 1'-0"



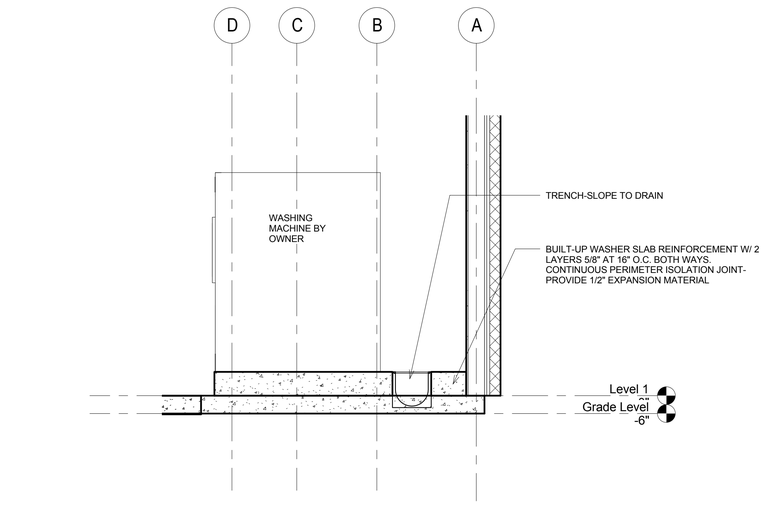
4 Typical 1st Floor Low Roof
1/2" = 1'-0"



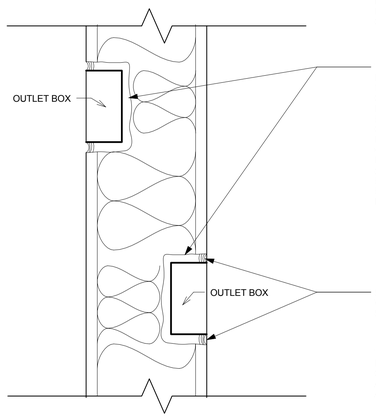
5 Registration Soffit Detail
1 1/2" = 1'-0"



6 Pool Coping Detail
1 1/2" = 1'-0"



7 Laundry Slab Detail
1/2" = 1'-0"



NOTE:
ALL OPENINGS CUT INTO RATED FLOOR AND WALL CONSTRUCTION SHALL BE SEALED WITH FIRESTOPPING WITH RATING TO MATCH FLOOR AND WALL RATING. SEALANTS SHALL BE BY SUBCONTRACTOR CREATING OPENINGS. FIRESTOPPING NOT REQUIRED AT FLOOR PENETRATIONS WITH RATED SHAFT WALL CONSTRUCTION.

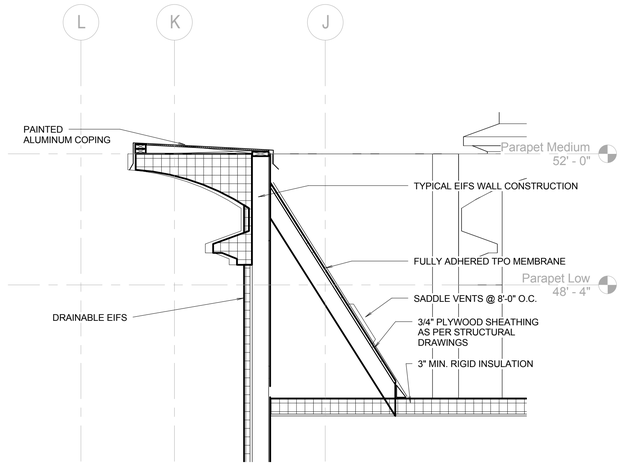
TYPE MPP-4S MOLDABLE PUTTY PADS OVER UL LISTED METALLIC OUTLET BOX. COMPLETELY COVER EXTERIOR SURFACES OF THE BOX WITHIN THE STUD CAVITY. BY 3M FIRE PROTECTION PRODUCATS #R9700. 1/8" THICKNESS @ 1 HOUR WALLS 1/4" THICKNESS @ 2 HOUR WALLS. PUTTY TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR THAT INSTALLS THE OUTLET BOX.

SEAL ALL OPENINGS WITH FIRE / ACOUSTICAL SEALANT.

TO BE USED ON ALL ELECTRICAL, PHONE, AND TV BOXES. ELECTRICAL CONTRACTOR RESPONSIBLE FOR ALL ELECTRICAL BOXES AND PADS AS IT RELATED TO THEIR CONTRACT.

DO NOT MOUNT ELECTRICAL BOXES DIRECTLY ON STUDS.

8 Outlet Detail
3" = 1'-0"



9 Parapet Detail
1/2" = 1'-0"

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REVISIONS		
No.	Date	Description
2	3/11/14	Hilton update

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ASHISH MISHRA REG. NO. 6408 STATE OF LOUISIANA REGISTERED ARCHITECT
4/14/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Sections

Phase
Construction Documents

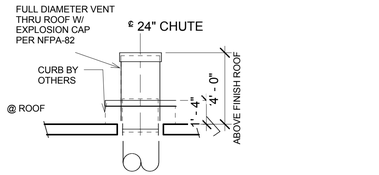
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Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A402

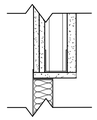
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Hampton Inn and Suites

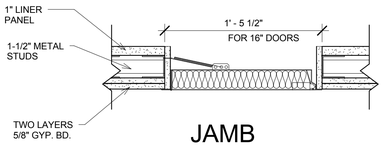
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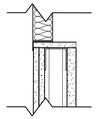
3 Laundry Chute Detail
1/4" = 1'-0"



HEAD

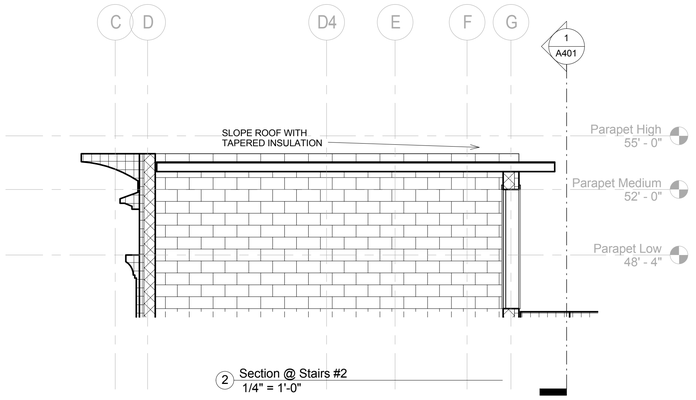


JAMB



SILL

4 Laundry Chute door
1 1/2" = 1'-0"



2 Section @ Stairs #2
1/4" = 1'-0"

TYPICAL EXTERIOR MASONRY WALL ASSEMBLY

FACE BRICK WITH 7/8" WIDE 29 GA. GALV. METAL TIES AT 32" O.C. HORIZONTAL 16" O.C. VERTICAL W/ 1" AIR GAP 8" CMU BLOCK W/ WATERPROOFING 1" SCORED RIGID INSULATION. FURRYING CANNELS W/ 5/8" GYP BD. ON INSIDE

TYPICAL EIFS WALL CONSTRUCTION:

-5/8" GYPSUM ON 6" WOOD STUDS @ 16" O.C. W/ UNFACED R-13 BATT INSULATION
-5/8" PLYWOOD SHEATHING
-2" DRAINABLE EIFS

TYPICAL ROOF CONSTRUCTION:
ONE HOUR RATED ASSEMBLY AS PER U.L. DESIGN P-522

- 60 MIL FULLY ADHERED TPO (THERMOPLASTIC OLEFIN) WHITE ROOFING MEMBRANE
- 4.5" MINIMUM RIGID INSULATION ON ROOF DECK.
- 5/8" GYP. BD. WITH 6" BATT INSULATION MIN. ON 2 1/2" FURRING CHANNELS @ 24" O.C. ON CEILING SIDE-SEE STRUCTURAL DRAWINGS FOR DETAILS

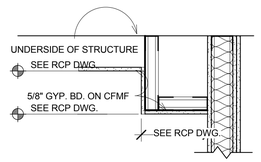
TYPICAL PARAPTET CONSTRUCTION:

-PREFINISHED METAL COPING ON TREATED BLOCKING.
-ROOF MEMBRANE ALONG INSIDE FACE, UP AND OVER TOP OF PARAPET WALL
-PLYWOOD (FIRE TREATED) NAILER PANEL AT INSIDE FACE OF WALL-SEE DETAIL

TYPICAL FLOOR/CEILING ASSEMBLY:
ONE HOUR RATED ASSEMBLY AS PER U.L. DESIGN L-528

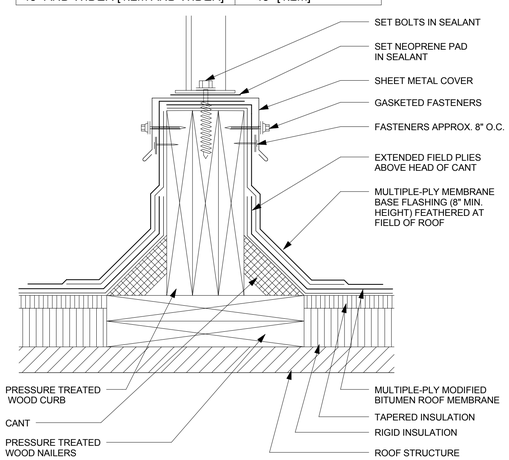
3/4" GYPCRETE ON SEALANT OVER 23/32" STRUCTURAL PANELS ON 16" WOOD TRUSSES @ 24" O.C.
5/8" F.C. GYP. BD. ON #26 MSG. RESILIENT CHANNELS @ 16" O.C.

ALL ACOUSTICAL CEILING TILE TO BE INSTALLED BELOW THE ONE-HOUR RATED FLOOR/CEILING ASSEMBLY WITHOUT COMPROMISING ON THE ASSEMBLY RATING. ALL PENETRATIONS TO BE FIRE-CAULKED AS PER UL STANDARDS TO PROVIDE ONE-HOURS FLOOR/CEILING ASSEMBLY ON ALL FLOORS.

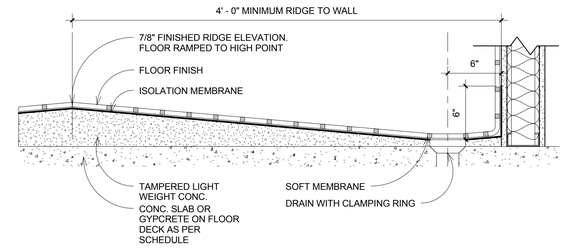


6 Room Soffit
1" = 1'-0"

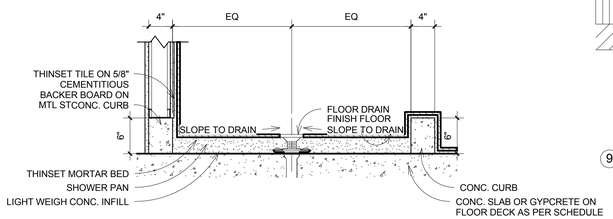
WIDTH OF EQUIPMENT	HEIGHT OF LEGS
UP TO 24" [UP TO 600mm]	24" [600mm]
24" TO 48" [600mm TO 1.2m]	36" [900mm]
48" AND WIDER [1.2m AND WIDER]	48" [1.2m]



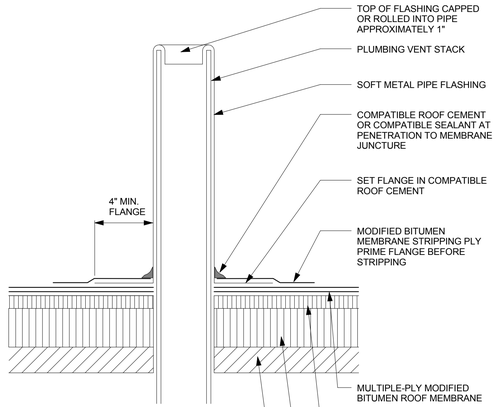
5 Equipment Curb Detail
12" = 1'-0"



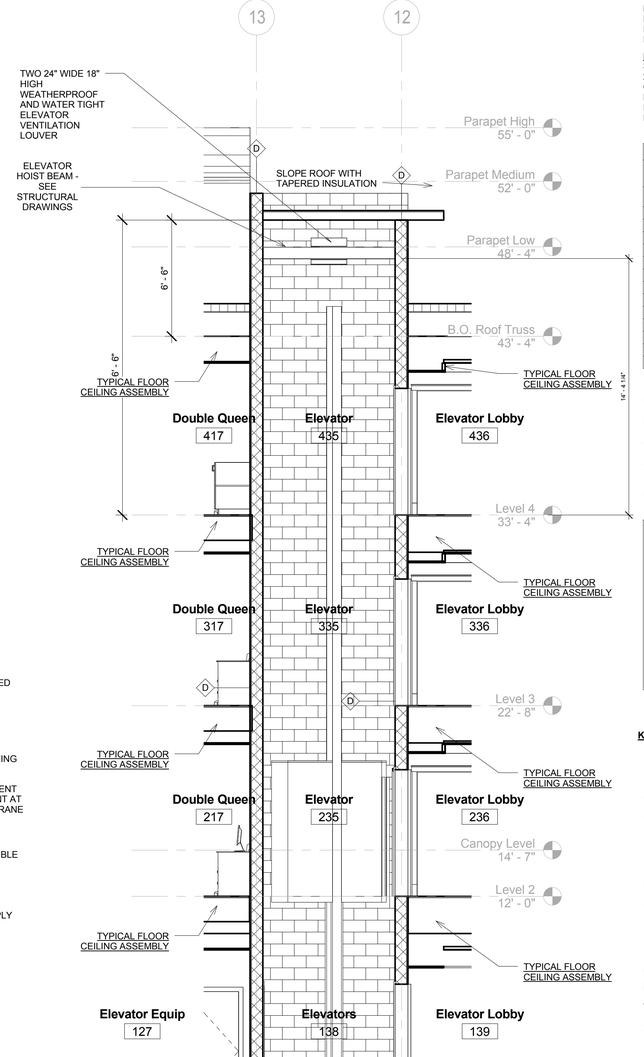
7 ADA Shower Detail
1 1/2" = 1'-0"



8 Shower Pan Detail
1" = 1'-0"



9 Plumbing Vent
12" = 1'-0"



1 Section @ Public Elevators
1/4" = 1'-0"

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No.	Date	Description

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ASHISH MISHRA REG. NO. 8456 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Sections

Phase
Construction Documents

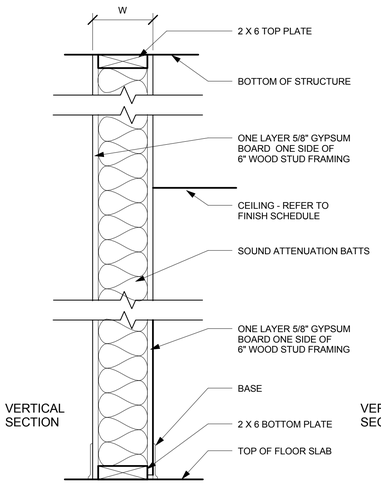
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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PARTITION TYPE

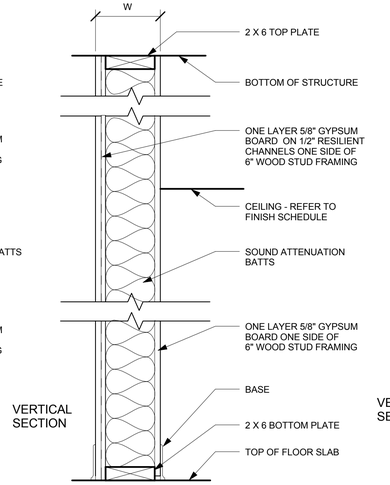
A

STC 45-49 UL: U337

DESCRIPTION

1 HOUR RATED BEARING WALL

W = AS PER 2X6 STUD SIZE



PARTITION TYPE

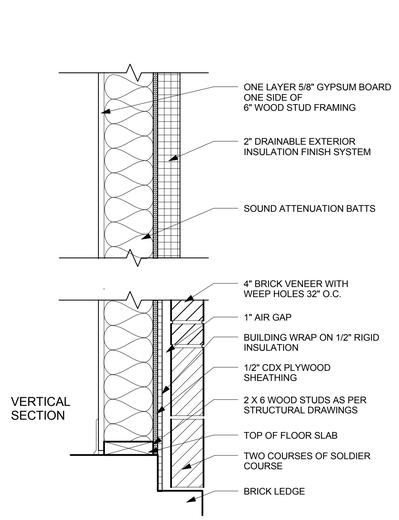
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STC 50- 54 UL: U311

DESCRIPTION

1 HOUR RATED BEARING WALL

W = AS PER 2X6 STUD SIZE



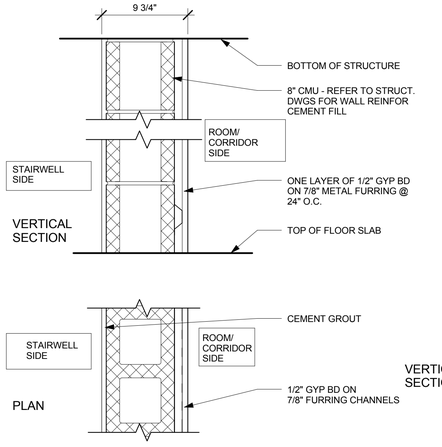
EXTERIOR MASONRY WALL

C

UL: U356 1 HOUR RATED BEARING WALL

DESCRIPTION

EXTERIOR MASONRY WALL WITH EIFS. HEIGHT OF MASONRY VARIES. SEE ELEVATIONS.



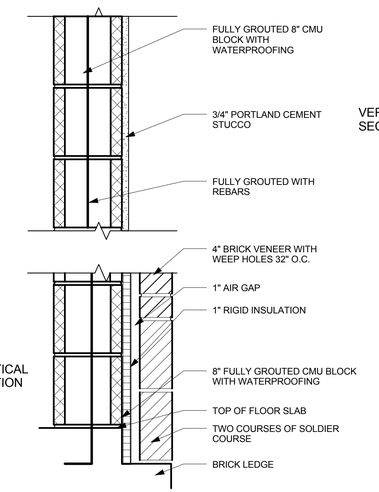
PARTITION TYPE

D

U.L. DESIGN U914 CONCRETE MASONRY UNIT WALL

DESCRIPTION

3 HOUR RATED INTERIOR CMU WALL



EXTERIOR MASONRY WALL

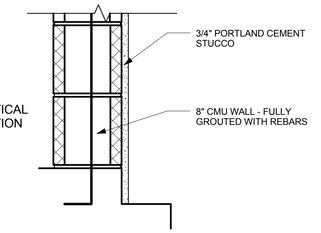
E

UL: U902: CMU WITH BRICK BEARING WALL - 4HOUR

UL: U906: CMU WITH STUCCO BEARING WALL - 2HOUR

DESCRIPTION

EXTERIOR MASONRY ON CMU WALL WITH STUCCO. HEIGHT OF MASONRY VARIES. SEE ELEVATIONS.



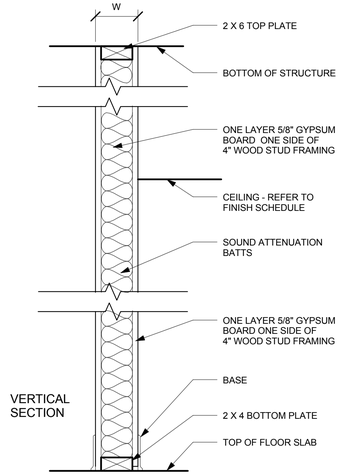
EXTERIOR MASONRY WALL

M

U-906 BEARING WALL 2 HOUR RATED

DESCRIPTION

EXTERIOR MASONRY ON CMU WALL WITH STUCCO. HEIGHT OF MASONRY VARIES. SEE ELEVATIONS.



PARTITION TYPE

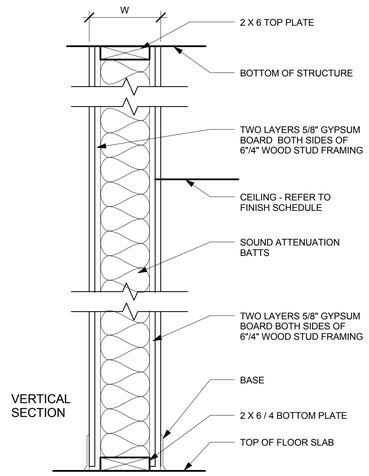
F

STC 45-49 UL: U337

DESCRIPTION

1 HOUR RATED PARTITION

W = AS PER 4" STUD SIZE



PARTITION TYPE

G(6") & L(4")

STC 45-49 UL: U334

DESCRIPTION

2 HOUR RATED PARTITION

W = AS PER 6" STUD SIZE

W = AS PER 4" STUD SIZE

1 Wall types
1 1/2" = 1'-0"

1 HOUR FLOOR RATING BASED ON ICC ER-3433 AND ICC ESR-1153
1 HOUR ROOF RATING BASED ON UL P522

4/14/2014 3:18:34 PM

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REVISIONS		
No.	Date	Description

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ASHISH MISHRA REG. NO. 8456 STATE OF LOUISIANA REGISTERED ARCHITECT 11/7/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Wall Types

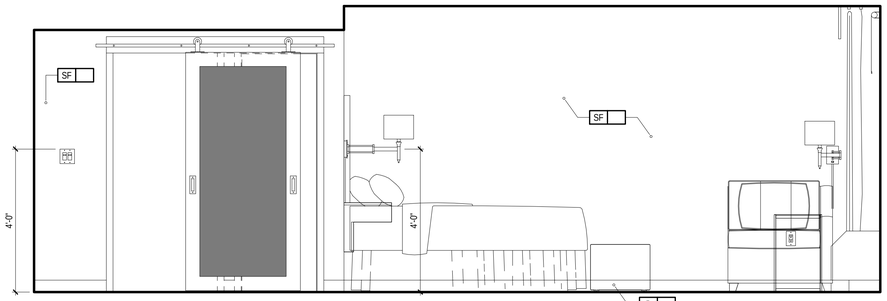
Phase
Construction Documents

Project No. 12-111
Prepared by Author
Checked by Checker
Date Sept. 16, 2013

Sheet No.
A404

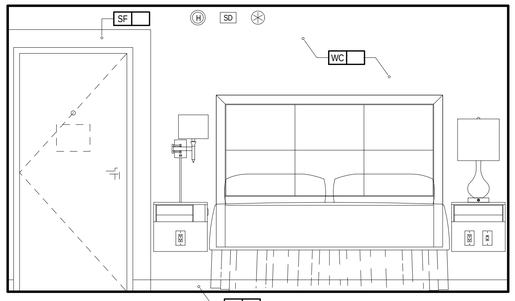
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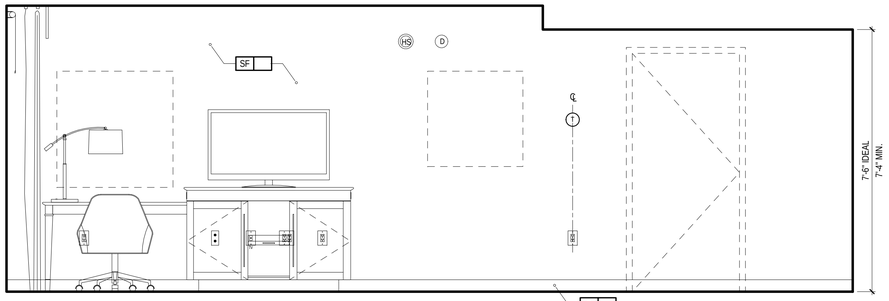


!ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN

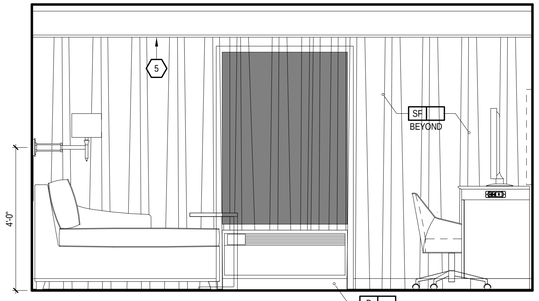
7 INTERIOR ELEVATION - CHAIR WALL
1/2" = 1'-0"



8 INTERIOR ELEVATION - WINDOW WALL
1/2" = 1'-0"

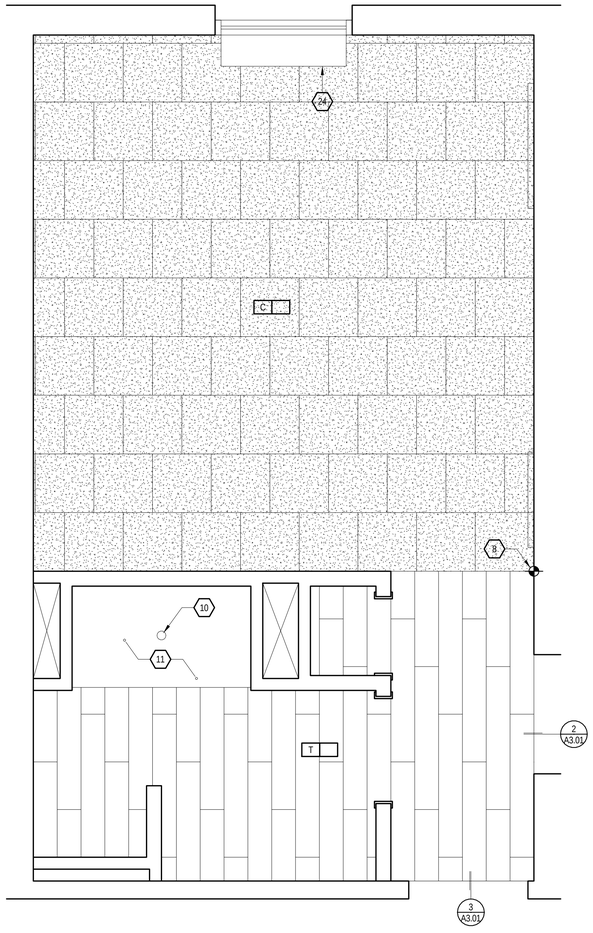


5 INTERIOR ELEVATION - BED WALL
1/2" = 1'-0"

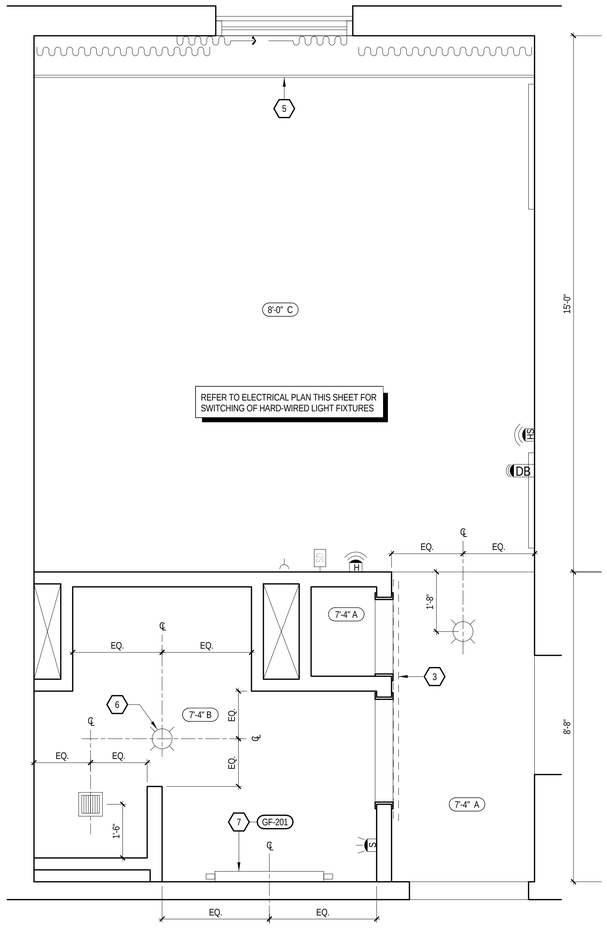


6 INTERIOR ELEVATION - BED WALL
1/2" = 1'-0"

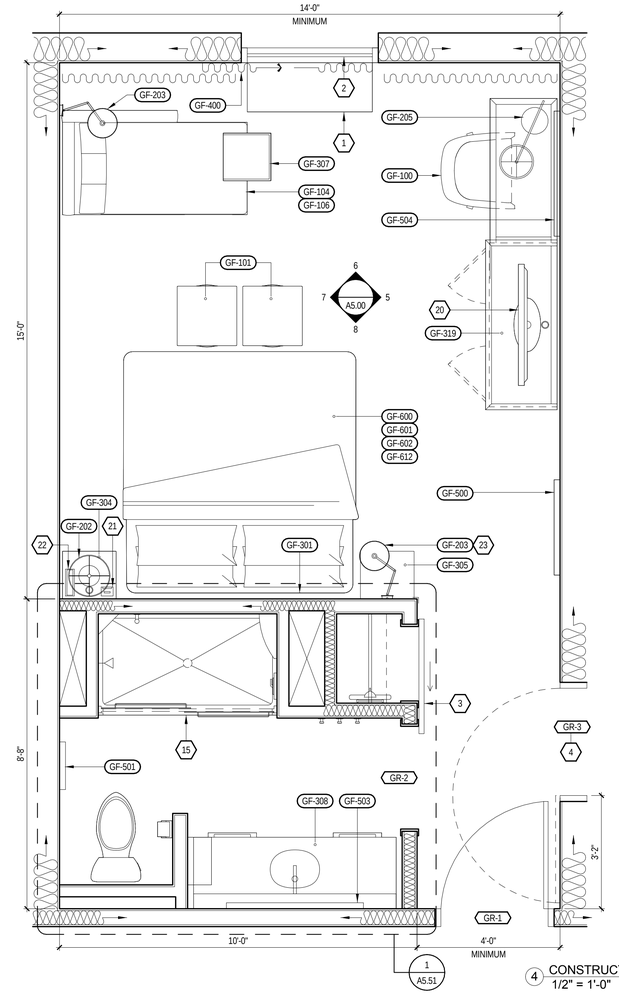
ELECTRICAL OUTLET HEIGHTS (U.N.O.)		
TYPICAL WALL OUTLET	-	18" A.F.F.
BATHROOM VANITY OUTLET	-	48" A.F.F.
ACC. BATHROOM VANITY OUTLET	-	44" A.F.F.



2 FLOOR FINISH PLAN
1/2" = 1'-0"



3 CEILING PLAN
1/2" = 1'-0"



4 CONSTRUCTION PLAN
1/2" = 1'-0"

KEY NOTES:

1. HARDWIRED PACKAGED TERMINAL AIR CONDITIONER (PTAC) UNIT
2. EXTERIOR WINDOW AND ASSOCIATED TREATMENTS
3. BARN DOOR ON EXPOSED HARDWARE - REFER TO DOOR SCHEDULE FOR MIRROR INSET APPLICATION
4. COMMUNICATING DOOR LOCATION WHEN USED
5. ARCHITECTURAL MILLWORK VALANCE PAINT TO MATCH GENERAL WALL COLOR - ANCHOR FROM CEILING
6. LIGHTS IN THIS AREA MUST BE DAMP LOCATION RATED AND W SHATTER PROOF LENSES
7. WALL MOUNTED VANITY LIGHT - PROVIDE JUNCTION BOX, COORDINATED WITH FIXTURE
8. STARTING POINT OF TILE - BEGIN WITH FULL TILE
9. ALL ROOMS TO HAVE HSIA PER HILTON STANDARDS. IF HARD WIRED INTERNET ACCESS IS DESIRED, A RECEPTACLE MUST BE PLACED @ 34" A.F.F.
10. SHOWER / BATH DRAIN LOCATION
11. NO FINISHES UNDER SHOWER PAN / TUB
12. PROVIDE DEDICATED ELECTRICAL CIRCUIT FOR EACH UNDERCOUNTER APPLIANCE
13. DOORBELL ON/OFF SWITCH FOR COMMUNICATION FEATURE ROOMS ONLY - SIGNAGE AS REQUIRED
14. THRESHOLD - REFER TO STANDARDS MANUAL
15. SHOWER INDICATED: BATH TUBS MAY BE SUBSTITUTED REFER TO STANDARDS
16. DASHED BOXES AND CIRCLES REPRESENT ACCESSIBLE CLEAR FLOOR AREAS - REFER TO ACCESSIBLE PLANS SHEET FOR ADDITIONAL INFORMATION
17. ACCESSIBLE DRAPERY CONTROL
18. DESK MUST PROVIDE MIN. 30" WIDE CLEAR FLOOR SPACE AND A MIN. 27" HIGH KNEE CLEARANCE
19. PROVIDE DRAIN IN THIS LOCATION IN GUEST BATHS EQUIPPED WITH ROLL-IN SHOWERS. DISH DRAIN AT A 6" RADIUS (1:48 SLOPE MAX). PROVIDE TRAP PRIMER
20. FLAT SCREEN TV
21. CLOCK
22. TELEPHONE
23. CENTER SCONCE ABOVE NIGHTSTAND
24. EDGE OF PTAC SKIRT AT FLOOR

FURNISHING LEGEND:

GF-100	ACTIVITY CHAIR
GF-101	OTTOMAN
GF-102	SOFA SLEEPER
GF-103	SINGLE ARM SOFA SLEEPER
GF-104	SINGLE ARM CHAISE
GF-105	LOUNGE CHAIR
GF-201	GUESTROOM VANITY LIGHT
GF-202	BEDSIDE TABLE LAMP AT NIGHTSTAND
GF-203	SINGLE NIGHTSTAND SCONCE
GF-204	DOUBLE NIGHTSTAND SCONCE
GF-205	DESK LAMP
GF-206	FLOOR LAMP
GF-300	STREAMLINE UNIT
GF-301	KING HEADBOARD
GF-302	QUEEN HEADBOARD
GF-303	DOUBLE HEADBOARD
GF-304	NIGHTSTAND
GF-305	NIGHTSTAND WITH POWER
GF-306	DOUBLE NIGHTSTAND WITH POWER
GF-307	C-TABLE
GF-308	66" VANITY AT GUEST BATH
GF-309	58" VANITY AT GUEST BATH
GF-310	ADA VANITY AT GUEST BATH
GF-313	STREAMLINE DIVIDER UNIT
GF-314	ADA STREAMLINE UNIT
GF-315	ADA STREAMLINE DIVIDER UNIT
GF-318	42" VANITY AT GUEST BATH
GF-319	STREAMLINE DESK UNIT
GF-400	WINDOW TREATMENT WITH PTAC
GF-401	WINDOW TREATMENT WITHOUT PTAC
GF-402	ROLLER SHADE
GF-500	ARTWORK AT GUESTROOM
GF-501	ARTWORK AT GUEST BATH
GF-502	ARTWORK AT SOFA IN SUITES
GF-503	FRAMED MIRROR AT VANITY
GF-504	FRAMED MIRROR AT DESK
GF-505	FRAMED MIRROR AT ADA VANITY
GF-600	KING BED BASE
GF-601	KING MATTRESS SET
GF-602	KING BEDDING SET
GF-603	ADAAG KING BED BASE
GF-604	QUEEN BED BASE
GF-605	QUEEN MATTRESS SET
GF-606	QUEEN BEDDING SET
GF-607	ADAAG QUEEN BED BASE

FINISH LEGEND:

B	BASE
C	CARPET
MIR	MIRROR
PT	PAINT
ST	STONE
SF	SPECIAL FINISH
T	TILE
VCT	VINYL COMPOSITE TILE
WC	WALL COVERING
WD	WOOD FINISH

NOTE:
REFER TO FF&E SPECIFICATIONS MANUAL AND COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

CEILING LEGEND: (X'-X" Y)

CEILING HEIGHT
(8'-6" C) CEILING FINISH

A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
$	S	SWITCH
T	T	REMOTE THERMOSTAT
SD	SD	SMOKE DETECTOR
S	S	STROBE (IN C.F. ROOMS ONLY)
HS	HS	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
SP	SP	SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
J	J	JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL - MOUNT AT 48" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

!ALERT!
VISUAL ALARMS TO BE FULLY VISIBLE FROM ALL AREAS

CEILING LAYOUT LEGEND:

CENTER FIXTURE IN SPACE
- CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

GENERAL NOTES:

1. WALLS BETWEEN ADJACENT ROOMS - ELECTRICAL OUTLET LOCATIONS, INCLUDING TV AND TELEPHONE OUTLETS, SHALL BE OFFSET 6" MIN. HORIZONTALLY - BACK TO BACK OUTLETS ARE NOT ALLOWED.
2. COMMUNICATION FEATURE ROOMS SHALL BE EQUIPPED WITH VISIBLE FIRE ALARMS AND NOTIFICATION DEVICES FOR DOOR KNOCK/BELL AND TELEPHONE.
3. COMMUNICATION FEATURE ROOM MUST HAVE A VISIBLE NOTIFICATION DEVICE FOR THE TELEPHONE.
4. ACCESSIBLE ROOMS SHALL BE EQUIPPED WITH TOGGLE-TYPE SWITCHES.

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REVISIONS		
No.	Date	Description

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ASHISH MISHRA
REG. NO. 04464
STATE OF LOUISIANA
REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged King Plans Elevations

Phase
Construction Documents

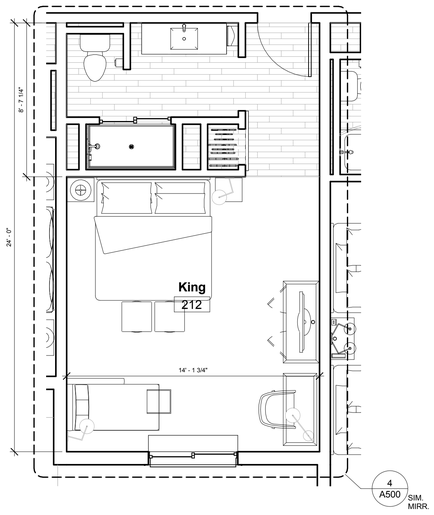
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Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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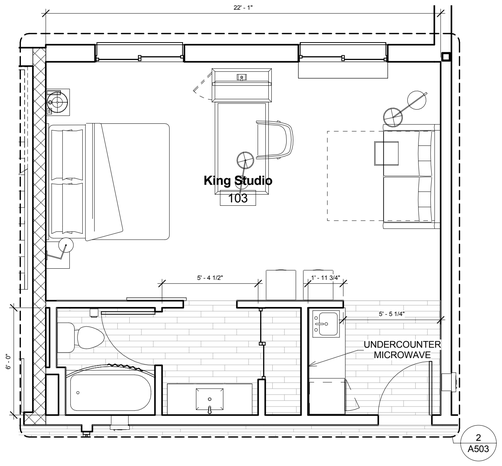
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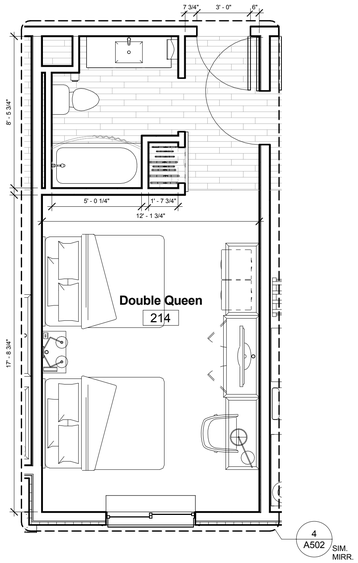
Hampton Inn and Suites



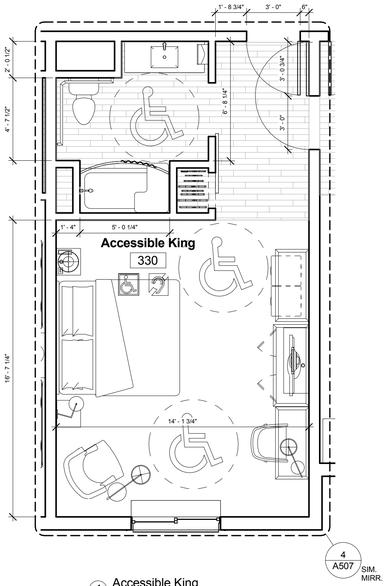
1 King
1/4" = 1'-0"



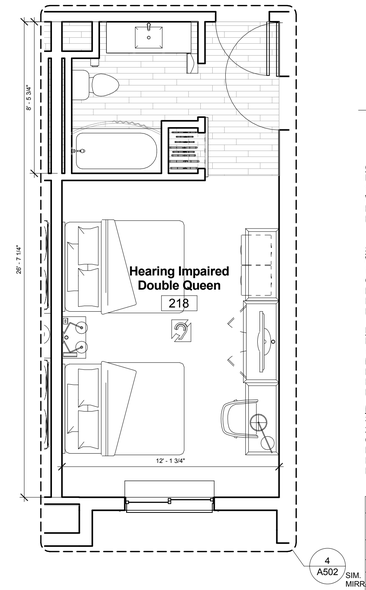
2 King Studio
1/4" = 1'-0"



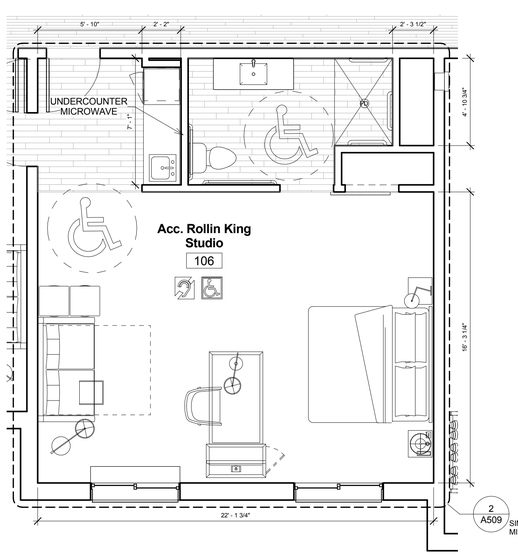
3 Double Queen
1/4" = 1'-0"



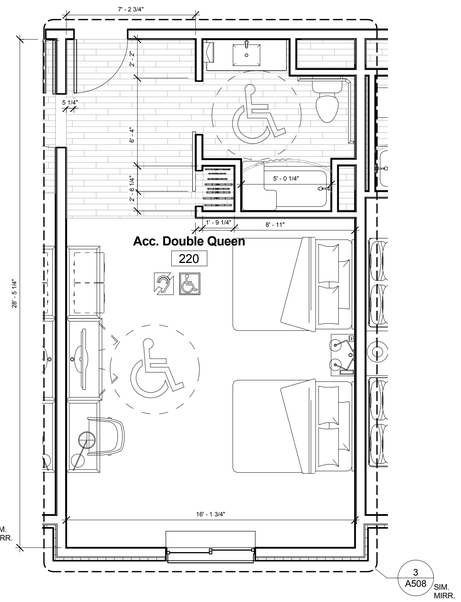
4 Accessible King
1/4" = 1'-0"



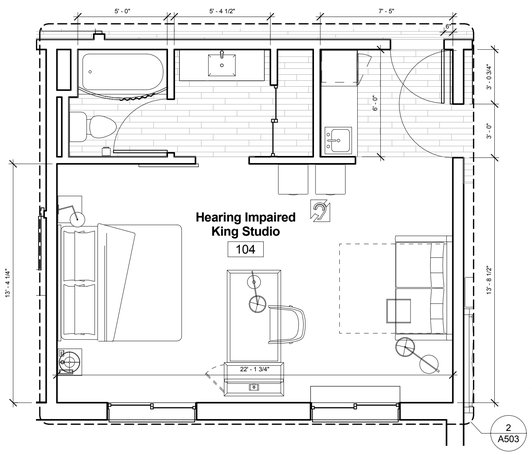
5 Hearing Impaired Double Queen
1/4" = 1'-0"



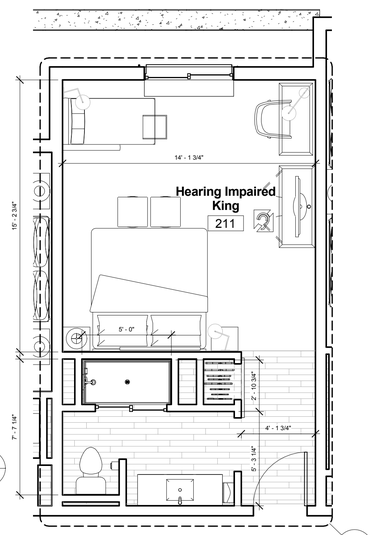
6 Accessible Rollin King
1/4" = 1'-0"



7 Accessible Double Queen
1/4" = 1'-0"



8 Hearing Impaired King Studio
1/4" = 1'-0"



9 Hearing Impaired King
1/4" = 1'-0"

NOTE:

1. PROVIDE BLOCKING IN WALL IN ALL ROOMS TO FASTEN LCD T.V., PICTURE FRAMES, HEAD BOARDS, BEHIND ENTRY AND BATHROOM DOORS, ABOVE LUGGAGE RACK, COAT HANGERS, ROOM MIRROR, DRAPERY RODS, BUILT-IN TABLE, IRON BOARD HANGER, TOWEL RODS, SHOWER RODS, TOILET PAPER HOLDERS, TOWEL RACK, HANDRAIL IN BATH TUBS AND MAKEUP MIRROR. COORDINATE WITH OWNER FOR HEIGHTS AND SIZES OF FFE ITEMS AND LOCATION AND HEIGHTS OF SWITCHES, OUTLETS, LIGHT FIXTURE IN ROOMS.

2. TOILET LIGHT SCONCES TO BE @ 5'-6" A.F.F.

3. PROVIDE SILICON-BASED CAULKING AT ALL THE EDGES OF WALL PAPER TO AVOID ANY FUTURE PEALING OF EDGES.

FURNISHINGS LEGEND

1. KING BED - HEADBOARD
2. QUEEN BED - HEADBOARD
3. NIGHT STAND - 30" WIDE
4. NIGHT STAND - 24" WIDE
5. NIGHT STAND - 18" WIDE
6. EXECUTIVE DESK - 42"W X 28"D X 30"H
7. ACTIVITY CHAIR
8. LOUNGE CHAIR
9. DESK CHAIR
10. BED BENCH - 42" X 18"
11. LUGGAGE BENCH - 36" X 22"
12. FOLDING LUGGAGE RACK
13. LAMINATE COVERED SHELF-15" W/1" CLOSET ROD
14. SUITE DIVIDER
15. SLEEPER SOFA
16. ROUND END TABLE - 21" DIA.
17. PACKAGED TERMINAL AIR CONDITIONER UNIT (PTAC) UNIT
18. EXTERIOR WINDOW AND ASSOCIATED TREATMENT
19. FULL LENGTH MIRROR
20. FRAMED MIRROR
21. 3 BOX TOWEL RACK
22. 5 BOX TOWEL RACK
23. TABLE LAMP-PLUGGED WIRED
24. WALL MOUNTED LIGHT
25. TV DRESSER
26. DESK LAMP - PLUG WIRED
27. FLAT PANEL TELEVISION
28. SURFACE MOUNTED LIGHT-TYPICAL
29. BEDSIDE LAMP-PLUGGED WIRED
30. ARTWORK
31. FLOOR LAMP-PLUG WIRED
32. OTTOMAN
33. COFFEE MAKER
34. CEILING MOUNTED LIGHT
35. HAIR DRYER
36. IRON AND IRONING BOARD
37. TV STAND 39" HIGH
38. CASEWORK WITH REFRIGERATOR & MICROWAVE
39. PUSH BUTTON FOR HEARING IMPAIRED ROOMS

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KEY PLAN

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Drawing Title
Room Layouts

Phase
Construction Documents

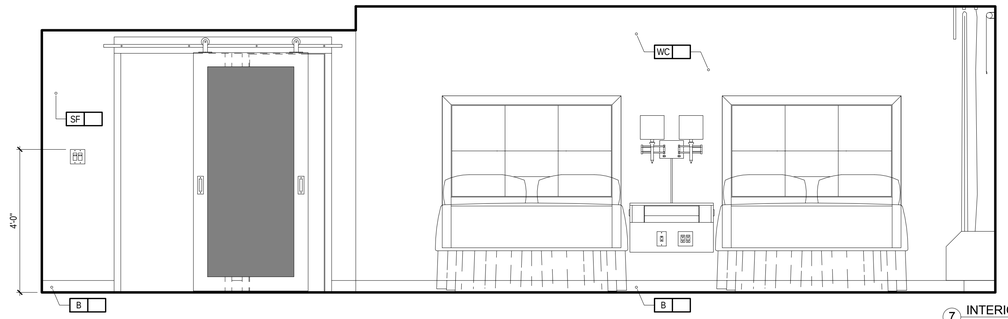
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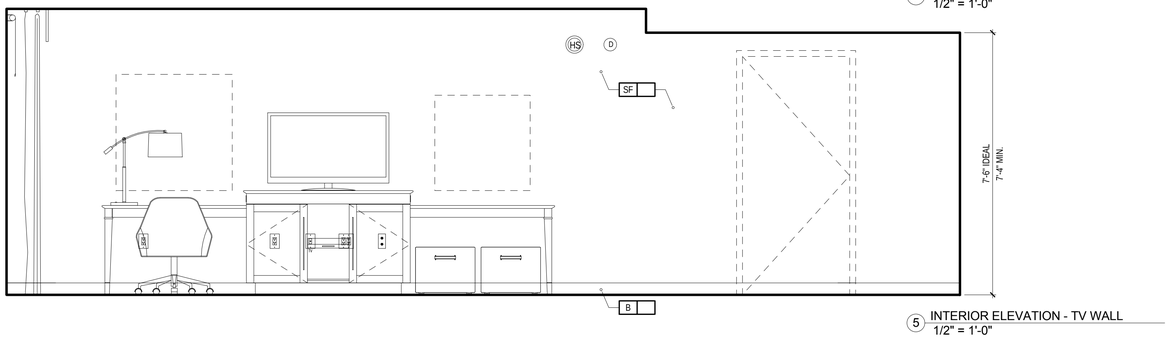
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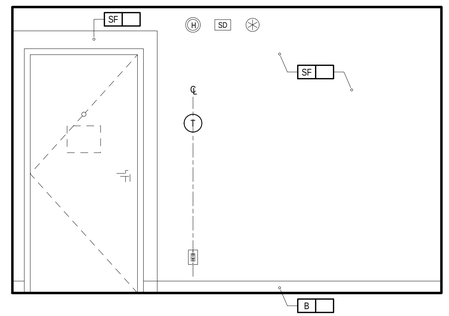
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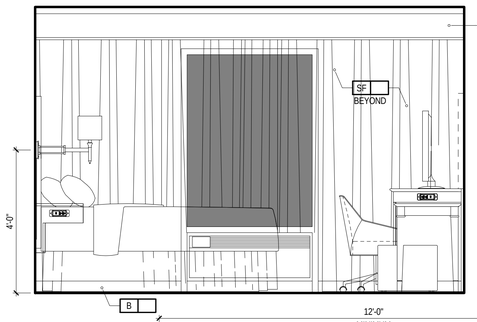
7 INTERIOR ELEVATION - BED WALL
1/2" = 1'-0"



5 INTERIOR ELEVATION - TV WALL
1/2" = 1'-0"



8 INT. ELEVATION - BATH WALL
1/2" = 1'-0"

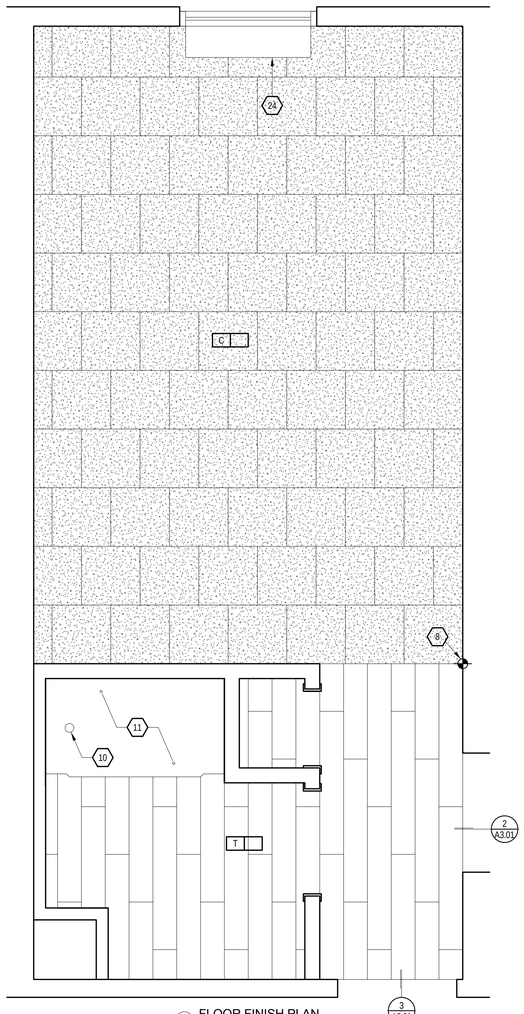


6 INTERIOR ELEVATION - WINDOW WALL
1/2" = 1'-0"

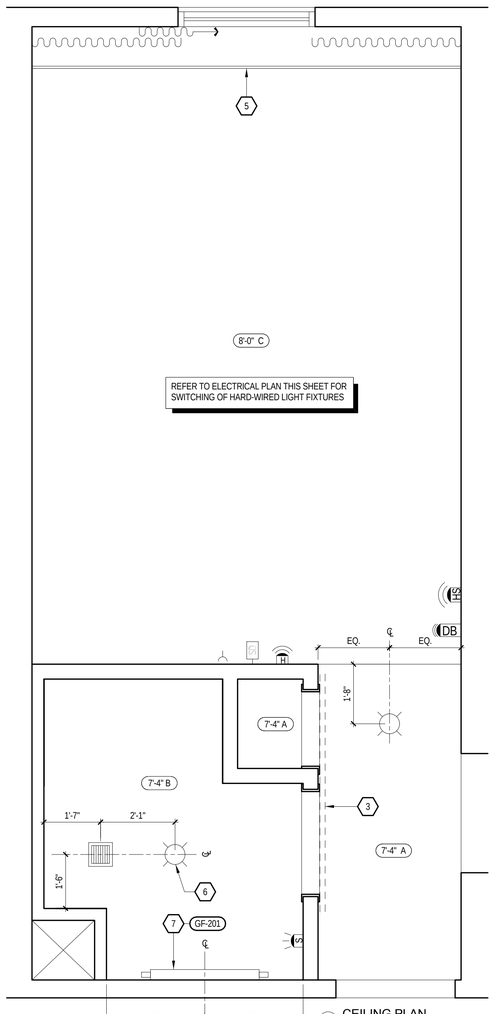
!ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN

ELECTRICAL OUTLET HEIGHTS (U.N.O.)

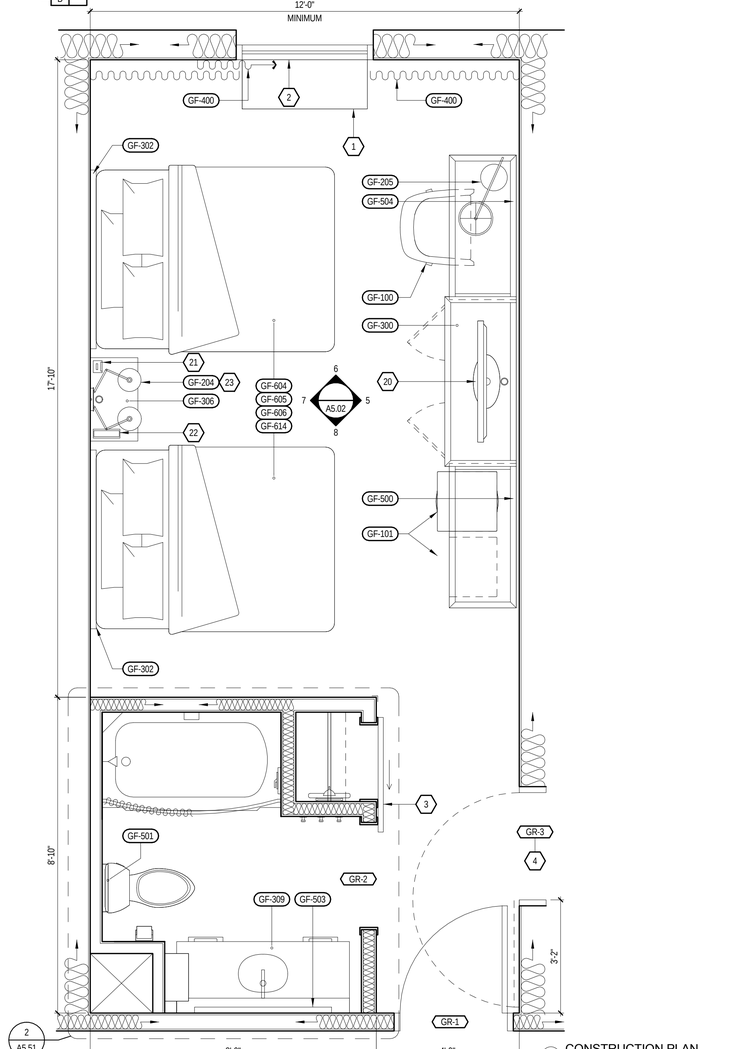
TYPICAL WALL OUTLET	-	18" A.F.F.
BATHROOM VANITY OUTLET	-	48" A.F.F.
ACC. BATHROOM VANITY OUTLET	-	44" A.F.F.



2 FLOOR FINISH PLAN
1/2" = 1'-0"



3 CEILING PLAN
1/2" = 1'-0"



4 CONSTRUCTION PLAN
1/2" = 1'-0"

KEY NOTES:

1. HARDWIRED PACKAGED TERMINAL AIR CONDITIONER (PTAC) UNIT
2. EXTERIOR WINDOW AND ASSOCIATED TREATMENTS
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23. CENTER SCONCE ABOVE NIGHTSTAND
24. EDGE OF PTAC SKIRT AT FLOOR

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GF-306	DOUBLE NIGHTSTAND WITH POWER
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GF-309	58" VANITY AT GUEST BATH
GF-310	ADA VANITY AT GUEST BATH
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GF-314	ADA STREAMLINE UNIT
GF-315	ADA STREAMLINE DIVIDER UNIT
GF-318	42" VANITY AT GUEST BATH
GF-319	STREAMLINE DESK UNIT
GF-400	WINDOW TREATMENT WITH PTAC
GF-401	WINDOW TREATMENT WITHOUT PTAC
GF-402	ROLLER SHADE
GF-500	ARTWORK AT GUESTROOM
GF-501	ARTWORK AT GUEST BATH
GF-502	ARTWORK AT SOFA IN SUITES
GF-503	FRAMED MIRROR AT VANITY
GF-504	FRAMED MIRROR AT DESK
GF-505	FRAMED MIRROR AT ADA VANITY
GF-600	KING BED BASE
GF-601	KING MATTRESS SET
GF-602	KING BEDDING SET
GF-603	ADAAG KING BED BASE
GF-604	QUEEN BED BASE
GF-605	QUEEN MATTRESS SET
GF-606	QUEEN BEDDING SET
GF-607	ADAAG QUEEN BED BASE

FINISH LEGEND:

B	BASE
C	CARPET
MIR	MIRROR
PT	PAINT
ST	STONE
SF	SPECIAL FINISH
T	TILE
VCT	VINYL COMPOSITE TILE
WC	WALL COVERING
WD	WOOD FINISH

NOTE:
REFER TO FF&E SPECIFICATIONS MANUAL AND COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

CEILING LEGEND: (X'-X" Y)

CEILING HEIGHT (8'-0" C) CEILING FINISH

A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
S	S	SWITCH
T	T	REMOTE THERMOSTAT
SD H	SD	SMOKE DETECTOR
S	S	STROBE (IN C.F. ROOMS ONLY)
		FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
		SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
		JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL - MOUNT AT 46" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

!ALERT!
VISUAL ALARMS TO BE FULLY VISIBLE FROM ALL AREAS

CEILING LAYOUT LEGEND:

CENTER FIXTURE IN SPACE
- CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

GENERAL NOTES:

1. WALLS BETWEEN ADJACENT ROOMS - ELECTRICAL OUTLET LOCATIONS, INCLUDING TV AND TELEPHONE OUTLETS, SHALL BE OFFSET 6" MIN. HORIZONTALLY - BACK TO BACK OUTLETS ARE NOT ALLOWED.
2. COMMUNICATION FEATURE ROOMS SHALL BE EQUIPPED WITH VISIBLE FIRE ALARMS AND NOTIFICATION DEVICES FOR DOOR KNOCK/BELL AND TELEPHONE.
3. COMMUNICATION FEATURE ROOM MUST HAVE A VISIBLE NOTIFICATION DEVICE FOR THE TELEPHONE.
4. ACCESSIBLE ROOMS SHALL BE EQUIPPED WITH TOGGLE-TYPE SWITCHES.

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REVISIONS

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ASHISH MISHRA REG. NO. 6452 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Double Queen Plans Elevations

Phase
Construction Documents

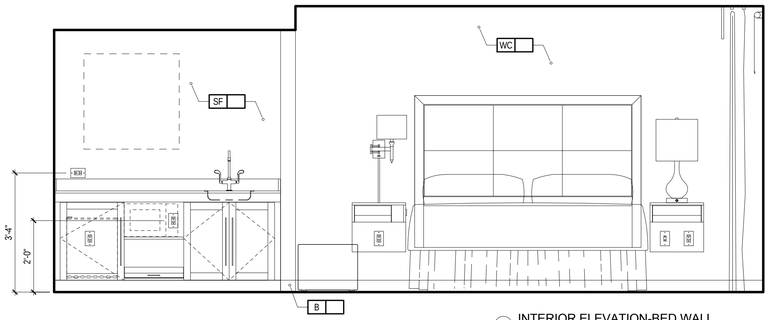
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Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
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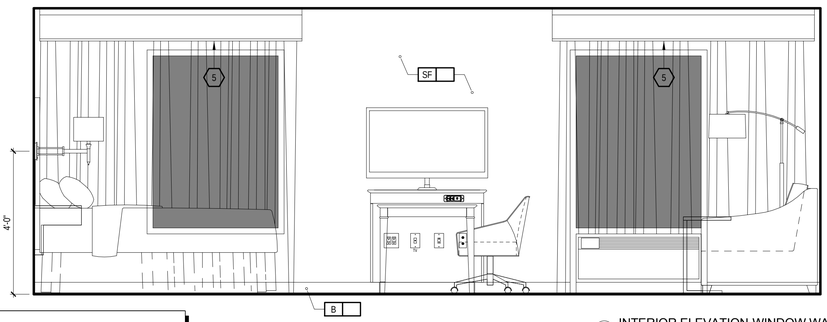
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Hampton Inn and Suites

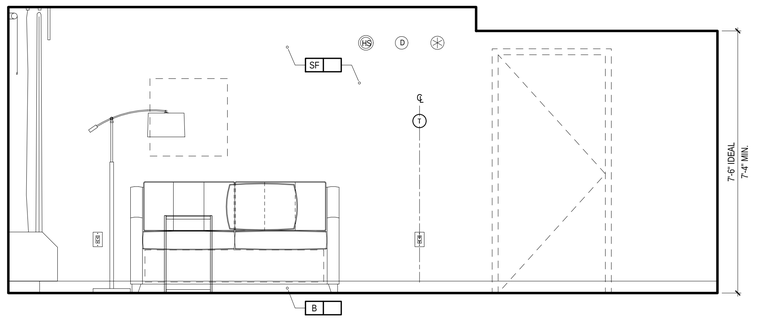


5 INTERIOR ELEVATION-BED WALL
1/2" = 1'-0"

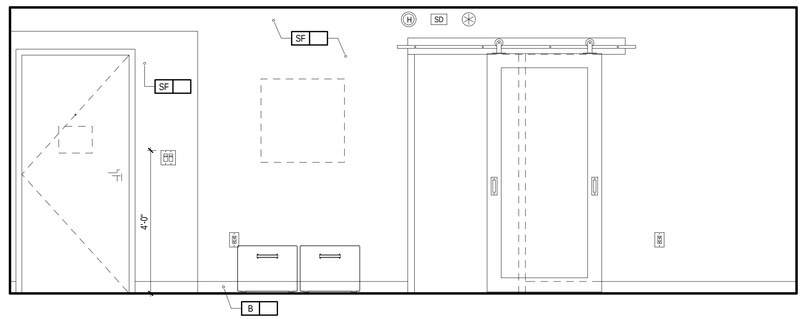


6 INTERIOR ELEVATION-WINDOW WALL
1/2" = 1'-0"

!ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN



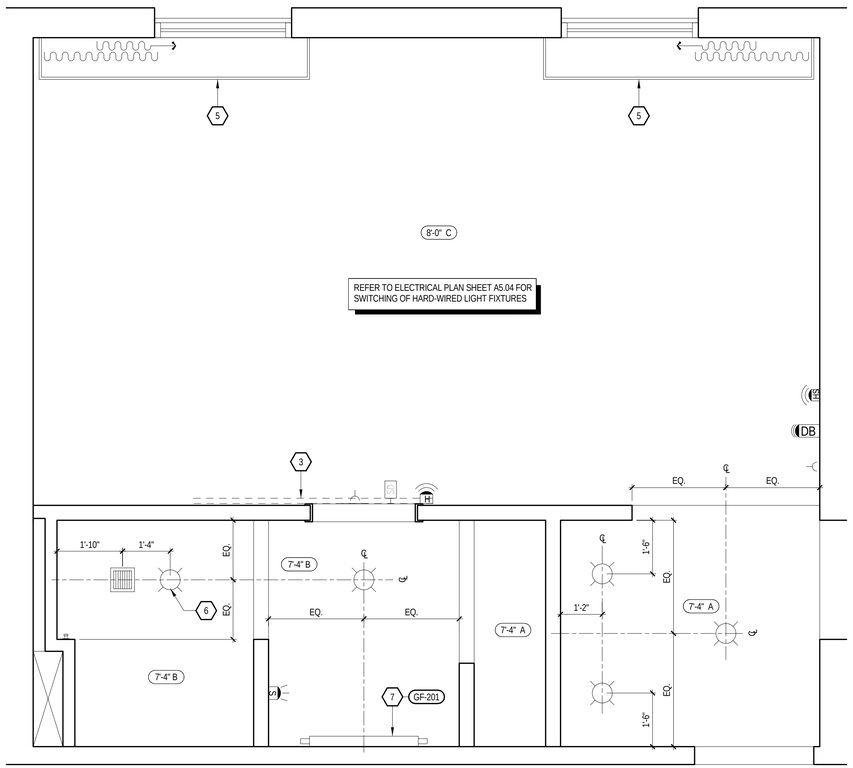
3 INTERIOR ELEVATION - SOFA WALL
1/2" = 1'-0"



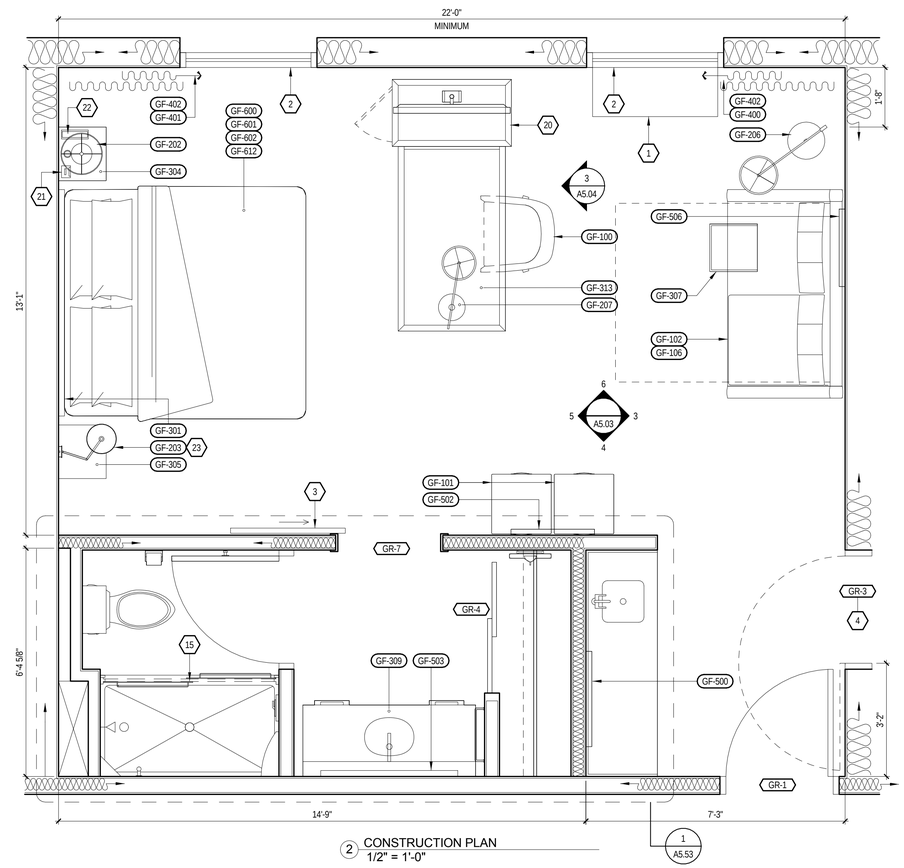
4 INTERIOR ELEVATION-BATH WALL
1/2" = 1'-0"

ELECTRICAL OUTLET HEIGHTS (U.N.O.)

TYPICAL WALL OUTLET	-	18" A.F.F.
BATHROOM VANITY OUTLET	-	48" A.F.F.
ACC. BATHROOM VANITY OUTLET	-	44" A.F.F.



1 CEILING PLAN
1/2" = 1'-0"



2 CONSTRUCTION PLAN
1/2" = 1'-0"

KEY NOTES:

1. HARDWIRED PACKAGED TERMINAL AIR CONDITIONER (PTAC) UNIT
2. EXTERIOR WINDOW AND ASSOCIATED TREATMENTS
3. BARN DOOR ON EXPOSED HARDWARE - REFER TO DOOR SCHEDULE FOR MIRROR INSET APPLICATION
4. COMMUNICATING DOOR LOCATION WHEN USED
5. ARCHITECTURAL MILLWORK VALANCE PAINT TO MATCH GENERAL WALL COLOR - ANCHOR FROM CEILING
6. LIGHTS IN THIS AREA MUST BE DAMP LOCATION RATED AND W/ SHATTER PROOF LENSES
7. WALL MOUNTED VANITY LIGHT - PROVIDE JUNCTION BOX, COORDINATED WITH FIXTURE
8. STARTING POINT OF TILE - BEGIN WITH FULL TILE
9. ALL ROOMS TO HAVE HSIA PER HILTON STANDARDS. IF HARD WIRED INTERNET ACCESS IS DESIRED, A RECEPTACLE MUST BE PLACED @ 34" A.F.F.
10. SHOWER / BATH DRAIN LOCATION
11. NO FINISHES UNDER SHOWER PAN / TUB
12. PROVIDE DEDICATED ELECTRICAL CIRCUIT FOR EACH UNDERCOUNTER APPLIANCE
13. DOORBELL ON/OFF SWITCH FOR COMMUNICATION FEATURE ROOMS ONLY - SIGNAGE AS REQUIRED
14. THRESHOLD - REFER TO STANDARDS MANUAL
15. SHOWER INDICATED: BATH TUBS MAY BE SUBSTITUTED - REFER TO STANDARDS
16. DASHED BOXES AND CIRCLES REPRESENT ACCESSIBLE CLEAR FLOOR AREAS - REFER TO ACCESSIBLE PLANS SHEET FOR ADDITIONAL INFORMATION
17. ACCESSIBLE DRAPERY CONTROL
18. DESK MUST PROVIDE MIN. 30" WIDE CLEAR FLOOR SPACE AND A MIN. 27" HIGH KNEE CLEARANCE
19. PROVIDE DRAIN IN THIS LOCATION IN GUEST BATHS EQUIPPED WITH ROLL-IN SHOWERS. DISH DRAIN AT A 6" RADIUS (1:48 SLOPE MAX). PROVIDE TRAP PRIMER
20. FLAT SCREEN TV
21. CLOCK
22. TELEPHONE
23. CENTER SCONCE ABOVE NIGHTSTAND
24. EDGE OF PTAC SKIRT AT FLOOR

FURNISHING LEGEND:

GF-100	ACTIVITY CHAIR
GF-101	OTTOMAN
GF-102	SOFA SLEEPER
GF-103	SINGLE ARM SOFA SLEEPER
GF-104	SINGLE ARM CHAISE
GF-105	LOUNGE CHAIR
GF-201	GUESTROOM VANITY LIGHT
GF-202	BEDSIDE TABLE LAMP AT NIGHTSTAND
GF-203	SINGLE NIGHTSTAND SCONCE
GF-204	DOUBLE NIGHTSTAND SCONCE
GF-205	DESK LAMP
GF-206	FLOOR LAMP
GF-300	STREAMLINE UNIT
GF-301	KING HEADBOARD
GF-302	QUEEN HEADBOARD
GF-303	DOUBLE HEADBOARD
GF-304	NIGHTSTAND
GF-305	NIGHTSTAND WITH POWER
GF-306	DOUBLE NIGHTSTAND WITH POWER
GF-307	C-TABLE
GF-308	66" VANITY AT GUEST BATH
GF-309	58" VANITY AT GUEST BATH
GF-310	ADA VANITY AT GUEST BATH
GF-313	STREAMLINE DIVIDER UNIT
GF-314	ADA STREAMLINE UNIT
GF-315	ADA STREAMLINE DIVIDER UNIT
GF-318	42" VANITY AT GUEST BATH
GF-319	STREAMLINE DESK UNIT
GF-400	WINDOW TREATMENT WITH PTAC
GF-401	WINDOW TREATMENT WITHOUT PTAC
GF-402	ROLLER SHADE
GF-500	ARTWORK AT GUESTROOM
GF-501	ARTWORK AT GUEST BATH
GF-502	ARTWORK AT SOFA IN SUITES
GF-503	FRAMED MIRROR AT VANITY
GF-504	FRAMED MIRROR AT DESK
GF-505	FRAMED MIRROR AT ADA VANITY
GF-600	KING BED BASE
GF-601	KING MATTRESS SET
GF-602	KING BEDDING SET
GF-603	ADAAG KING BED BASE
GF-604	QUEEN BED BASE
GF-605	QUEEN MATTRESS SET
GF-606	QUEEN BEDDING SET
GF-607	ADAAG QUEEN BED BASE

FINISH LEGEND:

B	BASE
C	CARPET
MIR	MIRROR
PT	PAINT
ST	STONE
SF	SPECIAL FINISH
T	TILE
VCT	VINYL COMPOSITE TILE
WC	WALL COVERING
WD	WOOD FINISH

NOTE:
REFER TO FF&E SPECIFICATIONS MANUAL AND COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

CEILING LEGEND: (X'-X" Y)

(8'-6" C) CEILING HEIGHT / CEILING FINISH

A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
$	S	SWITCH
T	T	REMOTE THERMOSTAT
SD	SD	SMOKE DETECTOR
S	S	STROBE (IN C.F. ROOMS ONLY)
HS	HS	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
		SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
	J	JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL - MOUNT AT 46" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

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- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

GENERAL NOTES:

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ASHISH MISHRA REG. NO. 34966 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged King Studio Plans Elevations

Phase
Construction Documents

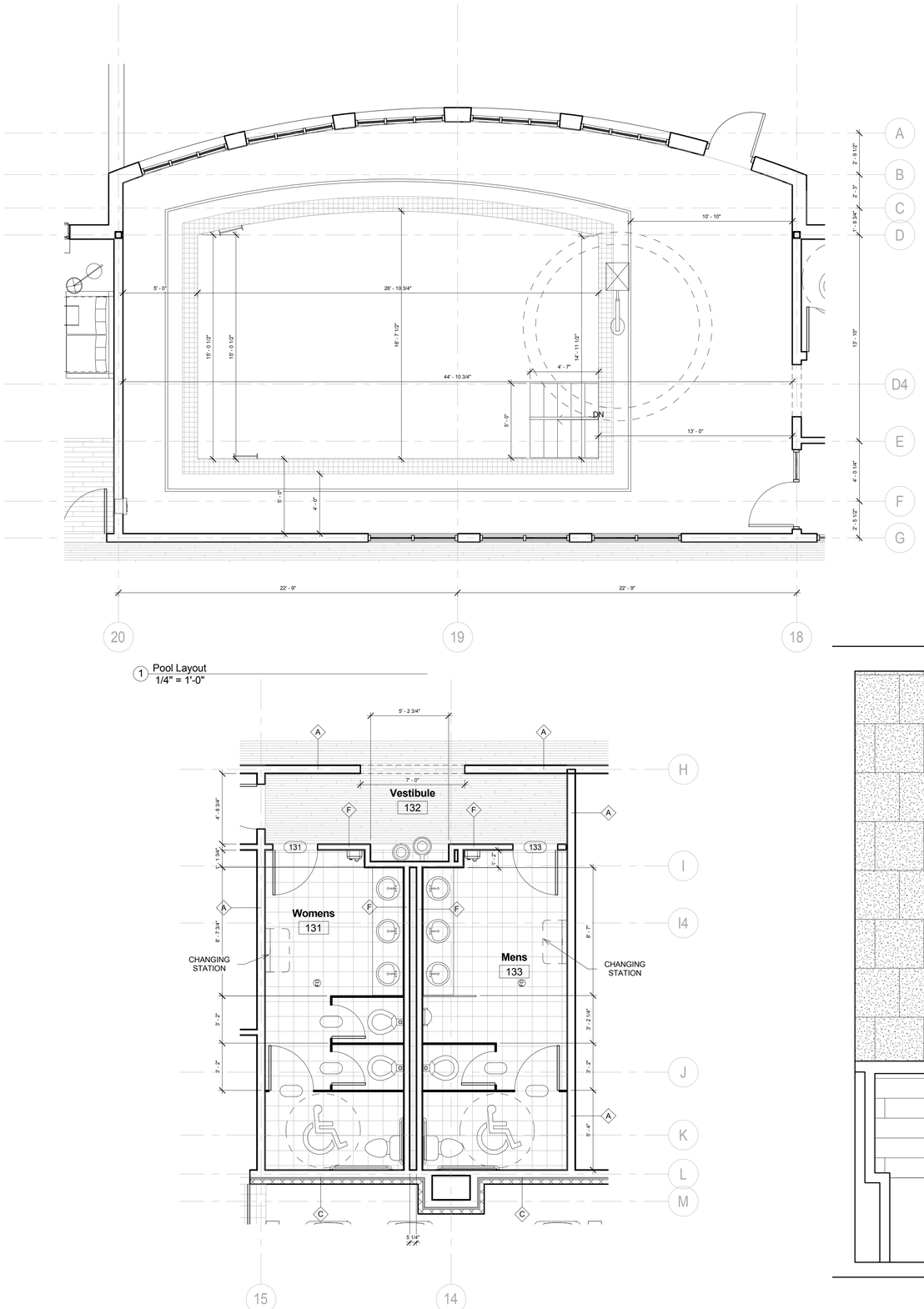
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Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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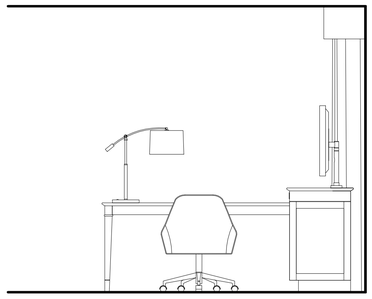
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Hampton Inn and Suites



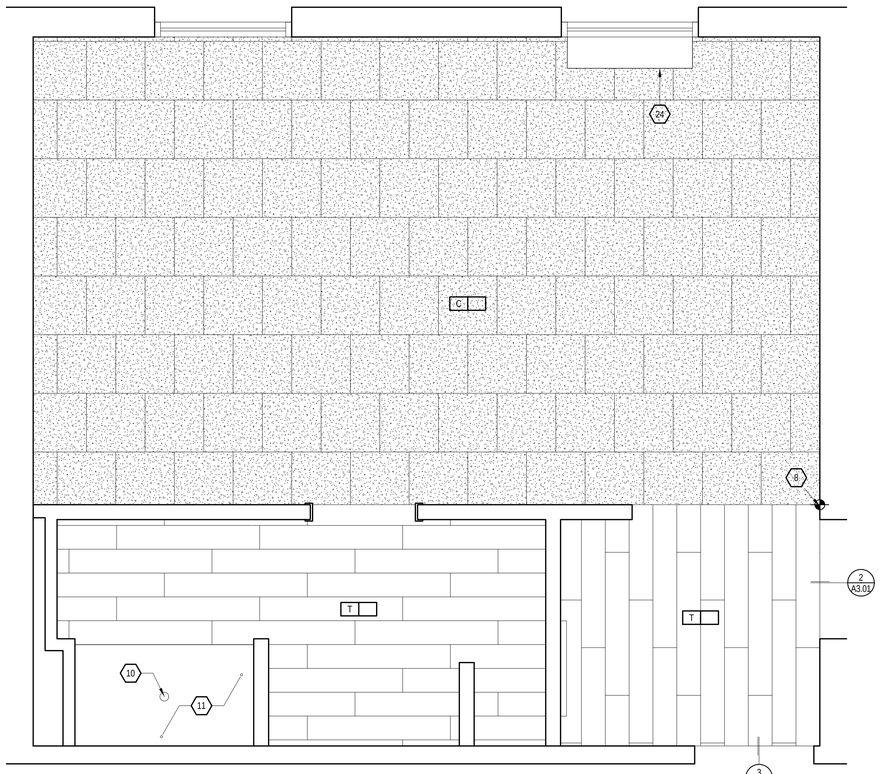
1 Pool Layout
1/4" = 1'-0"

4 Public Restrooms
1/4" = 1'-0"



3 ELEVATION-SUITE DIVIDER
1/2" = 1'-0"

ELECTRICAL OUTLET HEIGHTS (U.N.O.)		
TYPICAL WALL OUTLET	-	18" A.F.F.
BATHROOM VANITY OUTLET	-	48" A.F.F.
ACC. BATHROOM VANITY OUTLET	-	44" A.F.F.



2 FLOOR FINISH PLAN
1/2" = 1'-0"

GENERAL NOTES

1. HANDRAIL AND LADDER SHALL BE 1 1/2" DIA. STAINLESS STEEL.

2. THE POOL DRAWINGS & RELATED SPECS. ARE TO BE CONSIDERED AS MINIMUM REQUIREMENTS. THE G.C. & POOL CONTRACTOR ARE RESPONSIBLE FOR THE IMPLEMENTATION OF ALL APPLICABLE CODES ASSOCIATED WITH THE CONSTRUCTION TECHNIQUE OF THE POOL AREA & THE POOL EQUIPMENT ROOM.

3. DRAINAGE FOR THE DECK AREA MUST BE PROVIDED BY TRENCH DRAIN OR SLOPING DECK TOWARDS LANDSCAPED AREA. CONTRACTOR TO PROVIDE TWO POOL DRAINS.

4. AN EMERGENCY HOUSE PHONE MUST BE PROVIDED AT THE POOL. IT MUST BE IN A WEATHER TIGHT ENCLOSURE. WHEN THE RECEIVER IS LIFTED, THE PHONE MUST AUTOMATICALLY DIAL THE FRONT DESK. THE TOP OF THE PHONE MUST BE MOUNTED NO HIGHER THAN 48" FROM THE FLOOR.

5. GENERAL CONTRACTOR TO PROVIDE UNDERWATER LIGHTS AND CONNECTIONS TO POOL DRAINS.

KEY NOTES:

1. HARDWIRED PACKAGED TERMINAL AIR CONDITIONER (PTAC) UNIT
2. EXTERIOR WINDOW AND ASSOCIATED TREATMENTS
3. BARN DOOR ON EXPOSED HARDWARE - REFER TO DOOR SCHEDULE FOR MIRROR INSET APPLICATION
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20. FLAT SCREEN TV
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23. CENTER SCONCE ABOVE NIGHTSTAND
24. EDGE OF PTAC SKIRT AT FLOOR

FURNISHING LEGEND:

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GF-101	OTTOMAN
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GF-606	QUEEN BEDDING SET
GF-607	ADAAG QUEEN BED BASE

FINISH LEGEND:

B	BASE
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PT	PAINT
ST	STONE
SF	SPECIAL FINISH
T	TILE
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WC	WALL COVERING
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NOTE:
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CEILING LEGEND: (X'-X" Y)
CEILING HEIGHT
(8'-6" C) CEILING FINISH

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

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S	S	SWITCH
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SD H	SD	SMOKE DETECTOR
	S	STROBE (IN C.F. ROOMS ONLY)
	HS	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
	H	FIRE HORN (NON-C.F. ROOMS)
		SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
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	J	JUNCTION BOX
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		LIGHT AT CEILING
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CEILING LAYOUT LEGEND:

CENTER FIXTURE IN SPACE
- CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

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4.

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REVISIONS

No.	Date	Description

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ASHISH MISHRA REG. NO. 6430 STATE OF COLORADO REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Pool & King Studio Plans Elevations

Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A504

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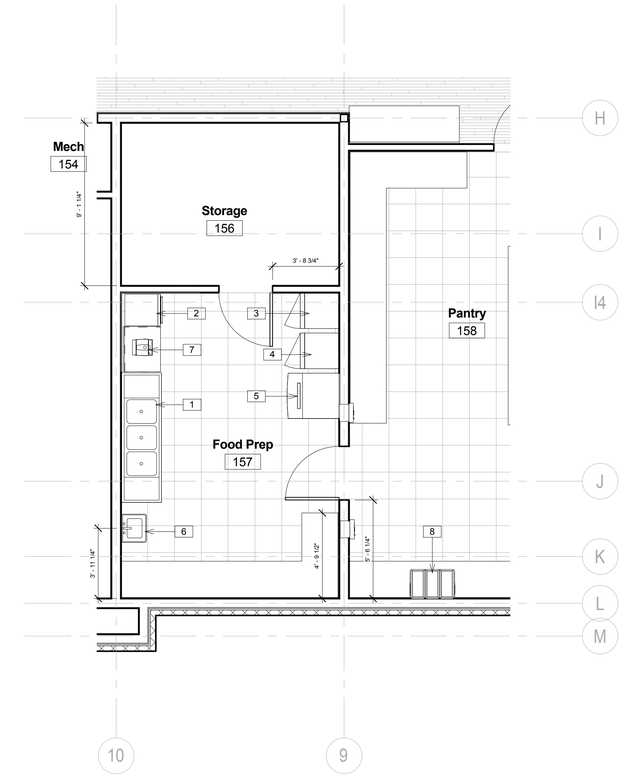
Hampton Inn and Suites

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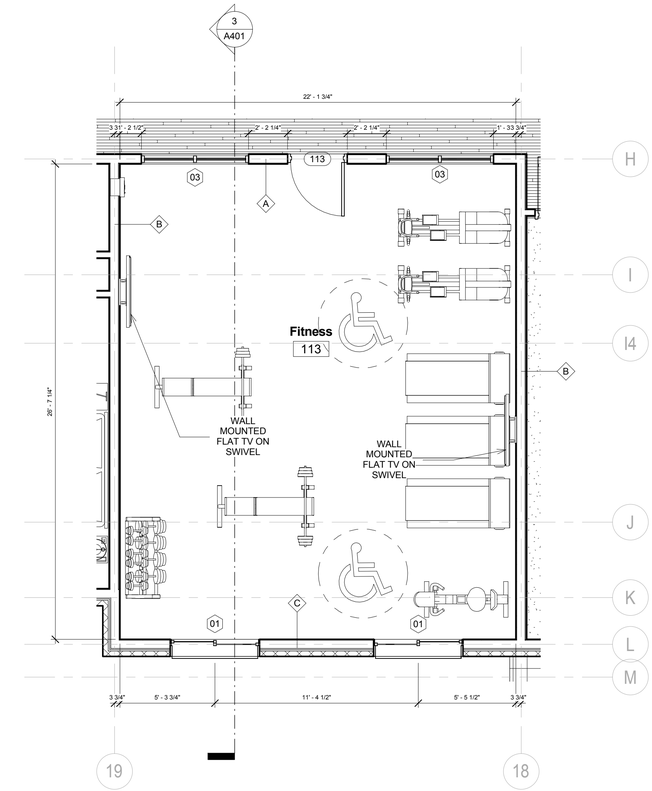
EQUIPMENT LEGEND

1	3 COMPARTMENT SINK - MODEL #K7-CS-32 ADVANCE TABCO 800-645-3166 www.advancetabco.com
2	CONVECTION OVER REQUIRED- MODEL #E311MS MOFFAT INC. 800-551-8795 www.moffat.com
3	REFRIGERATOR-MODEL #T-23 TRUE FOOD SERVICE EQUIPMENT 800-325-6152 www.truemfg.com
4	FREEZER MODEL #T-23F TRUE FOOD SERVICE EQUIPMENT
5	ICEMAKER (OPTIONAL) SUPPLIED BY VENDOR
6	HAND SINK - MODEL #7-PS-23 ADVANCE TABCO
7	COFFEE BREWER - REQUIRED MODEL #CBS-2052 SERIES 2000 FETCO CORPORATION 800-338-2699 www.fetco.com
8	JUICER - REQUIRED SUPPLIED BY VENDOR
9	GLASS DOOR REFRIGERATOR SUMMIT MODEL #SCR600
10	BI-LEVEL BARRIER FREE WATER COOLER HASLEY-TAYLOR VOGAGER MODEL #HTV8BL-Q
11	WASHER-UNIMAC MODEL #UC50BN2 ALLIANCE LAUNDRY SYSTEMS 800-587-5458 www.uniwash.com
12	DRYER - UNIMAC MODEL #UT50NOM ALLIANCE LAUNDRY SYSTEMS
13	REFRIGERATOR/FREEZER - MODEL #GTS15BCM GE APPLIANCES 800-626-2000 www.geappliances.com
14	MICROWAVE OVEN - MODEL #JE740WY GE APPLIANCES

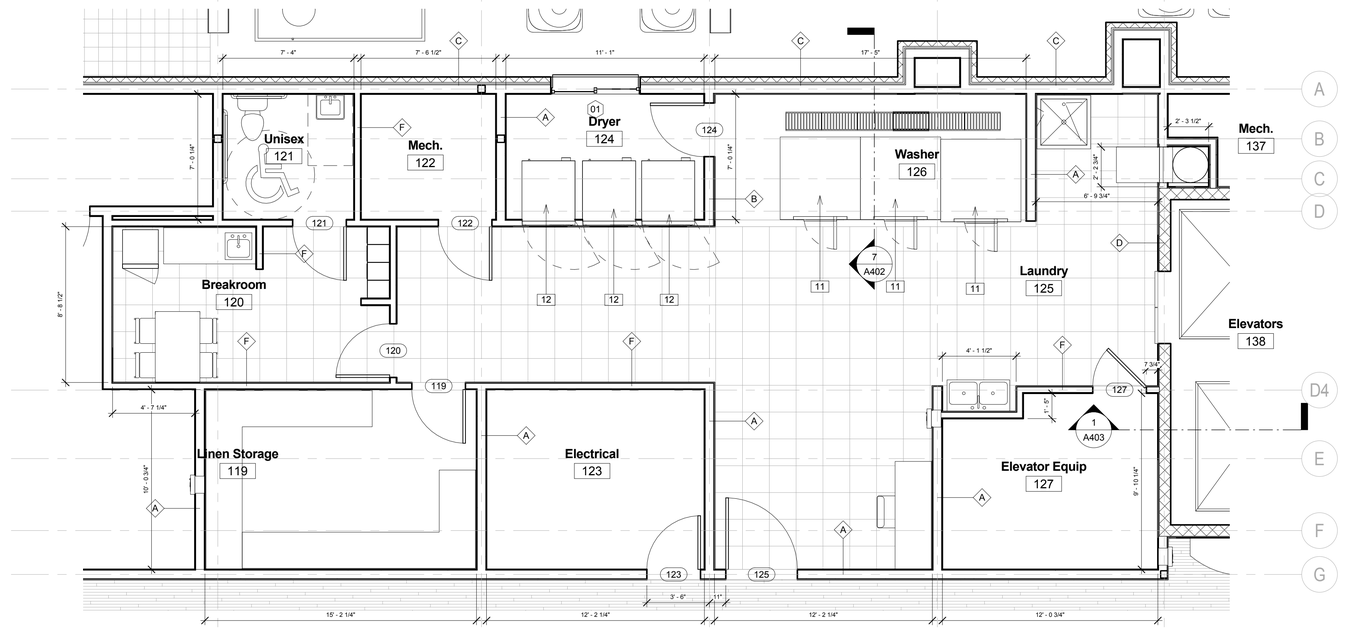
ALL EQUIPMENT LISTED IS RECOMMENDED EXCEPT WHERE LISTED AS REQUIRED. IF OTHER EQUIPMENT IS SELECTED, DESIGNATED AREA MUST BE VERIFIED FOR CLEARANCES AND ALL BUILT-IN EQUIPMENT COORDINATED WITH MILLWORK.



1 Food Prep
1/4" = 1'-0"



2 Fitness
1/4" = 1'-0"



3 Laundry
1/4" = 1'-0"

4/14/2014 3:19:01 PM

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Fax: (704) 644-1464
Email: shane@rittereng.com

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Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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ASHISH MISHRA REG. NO. 6458 STATE OF LOUISIANA REGISTERED ARCHITECT 9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Room Layouts

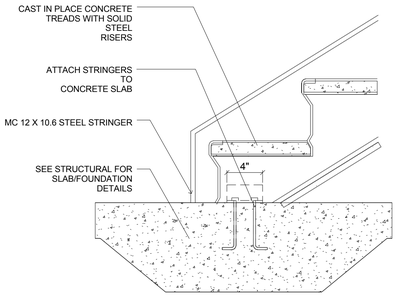
Phase
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Checked by	Checker
Date	Sept. 16, 2013

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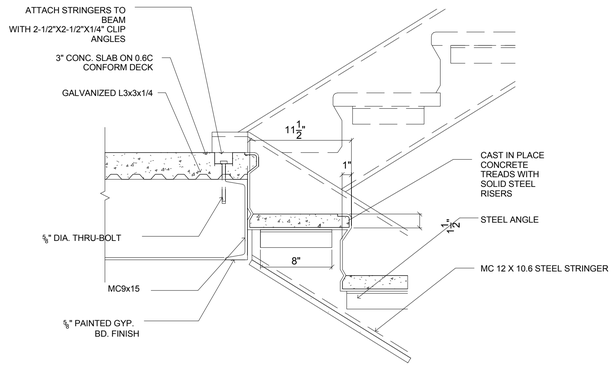
Hampton Inn and Suites



A STAIRS DETAIL-FIRST FLIGHT

0 4" 8" 1'-4"

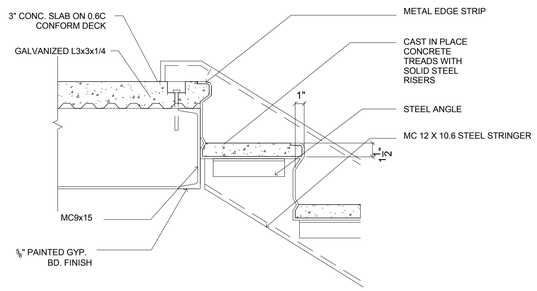
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B STAIRS DETAIL-TYPICAL FLIGHT

0 4" 8" 1'-4"

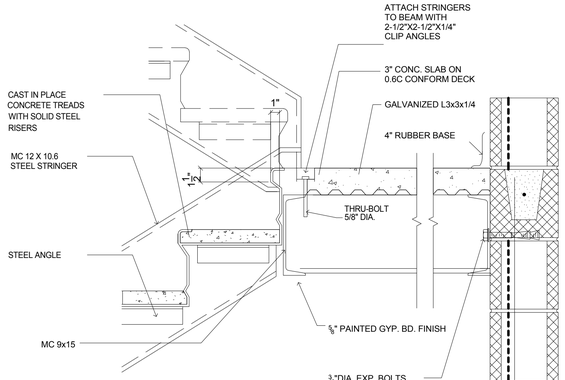
SCALE: 1 1/2" = 1'-0"



C STAIRS DETAIL-LAST FLIGHT

0 4" 8" 1'-4"

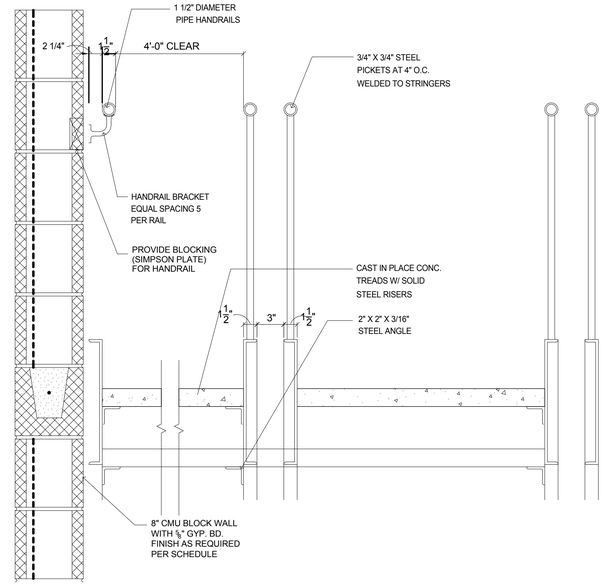
SCALE: 1 1/2" = 1'-0"



D STAIRS DETAIL MID-LANDING

0 4" 8" 1'-4"

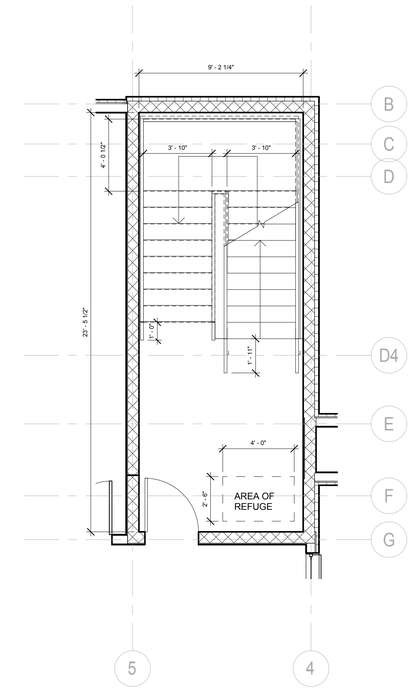
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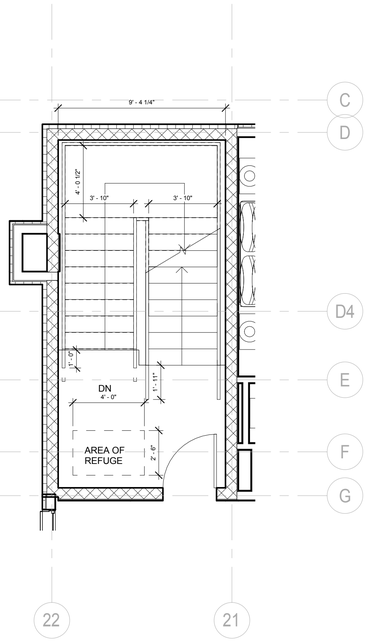
E RAILING DETAIL

0 4" 8" 1'-4"

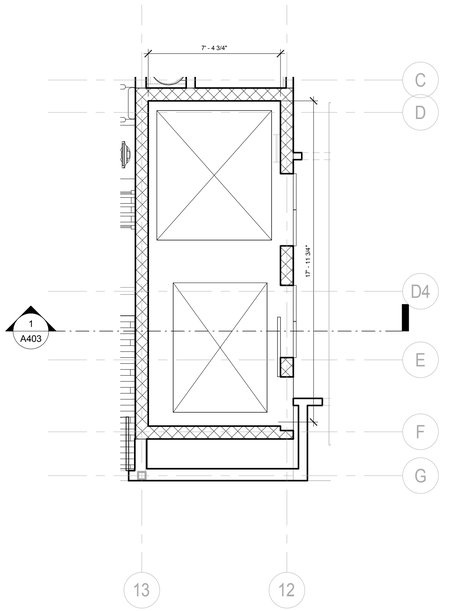
SCALE: 1 1/2" = 1'-0"



1 Stairs #1
1/4" = 1'-0"



3 Stair #2
1/4" = 1'-0"



4 Elevator Shaft
1/4" = 1'-0"

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ASHISH MISHRA REG. NO. 6458 STATE OF LOUISIANA REGISTERED ARCHITECT 4/15/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Stair Details

Phase
Construction Documents

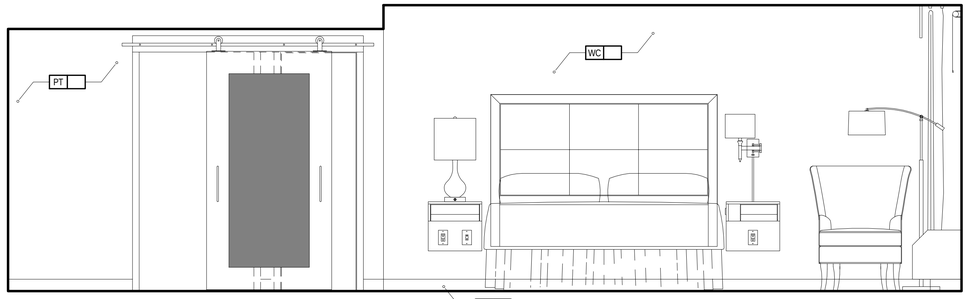
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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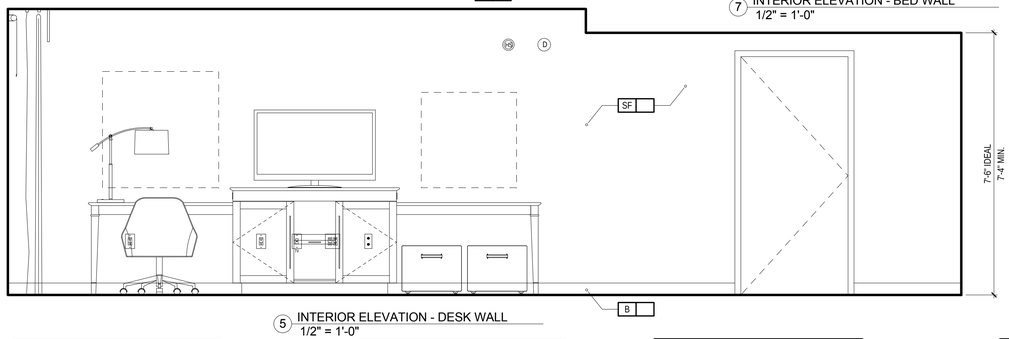
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Hampton Inn and Suites

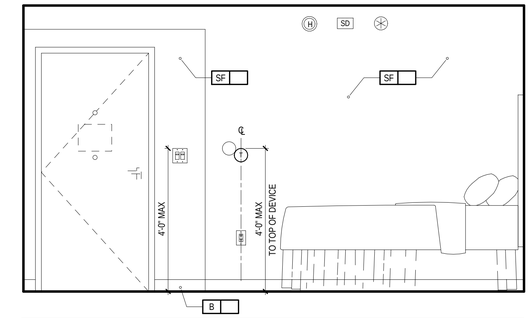
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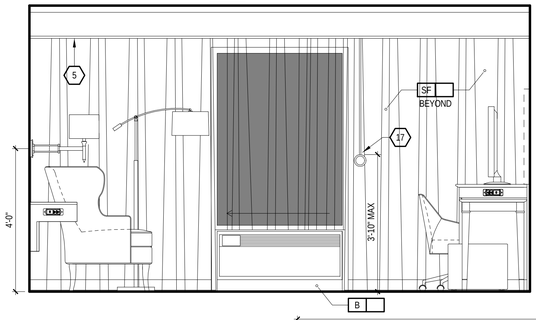
7 INTERIOR ELEVATION - BED WALL
1/2" = 1'-0"



5 INTERIOR ELEVATION - DESK WALL
1/2" = 1'-0"



8 INTERIOR ELEVATION - BATHOW WALL
1/2" = 1'-0"



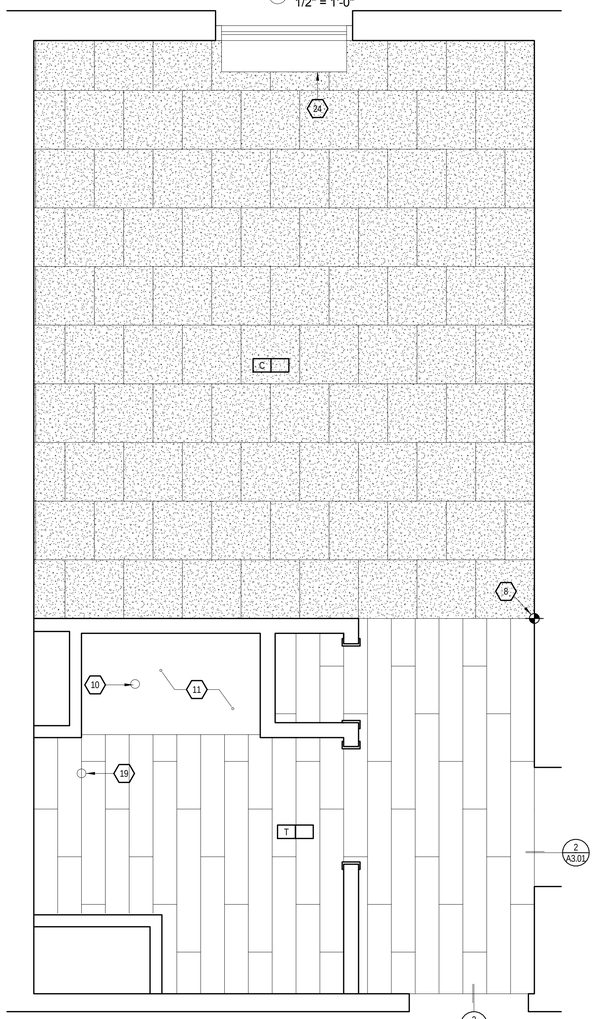
6 INTERIOR ELEVATION - WINDOW WALL
1/2" = 1'-0"

!ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN.

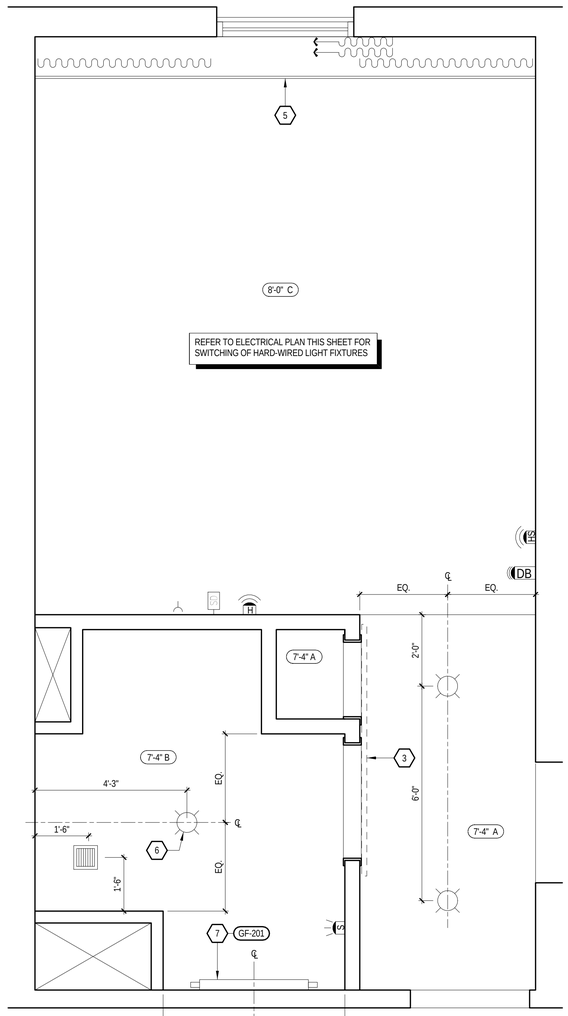
ELECTRICAL OUTLET HEIGHTS (U.N.O.)

TYPICAL WALL OUTLET	-	18" A.F.F.
BATHROOM VANITY OUTLET	-	48" A.F.F.
ACC. BATHROOM VANITY OUTLET	-	44" A.F.F.

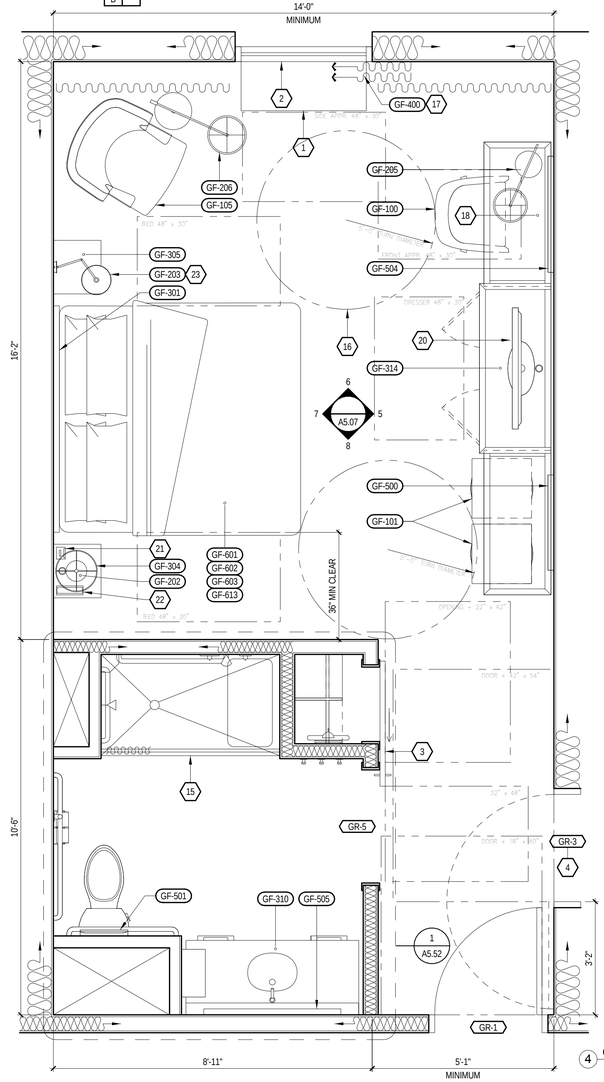
!ALERT!
ACCESSIBLE CLEARANCES INDICATED IN THESE DRAWINGS ARE FOR DESIGN INTENT ONLY - ARCHITECT OF RECORD SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS PER LOCAL AND NATIONAL CODES WHICHEVER IS STRICTER



2 FLOOR FINISH PLAN
1/2" = 1'-0"



3 CEILING PLAN
1/2" = 1'-0"



4 CONSTRUCTION PLAN
1/2" = 1'-0"

KEY NOTES:

1. HARDWIRED PACKAGED TERMINAL AIR CONDITIONER (PTAC) UNIT
2. EXTERIOR WINDOW AND ASSOCIATED TREATMENTS
3. BARN DOOR ON EXPOSED HARDWARE - REFER TO DOOR SCHEDULE FOR MIRROR INSET APPLICATION
4. COMMUNICATING DOOR LOCATION WHEN USED
5. ARCHITECTURAL MILLWORK VALANCE PAINT TO MATCH GENERAL WALL COLOR - ANCHOR FROM CEILING
6. LIGHTS IN THIS AREA MUST BE DAMP LOCATION RATED AND W SHATTER PROOF LENSES
7. WALL MOUNTED VANITY LIGHT - PROVIDE JUNCTION BOX, COORDINATED WITH FIXTURE
8. STARTING POINT OF TILE - BEGIN WITH FULL TILE
9. ALL ROOMS TO HAVE HSIA PER HILTON STANDARDS. IF HARD WIRED INTERNET ACCESS IS DESIRED, A RECEPTACLE MUST BE PLACED @ 34" A.F.F.
10. SHOWER / BATH DRAIN LOCATION
11. NO FINISHES UNDER SHOWER PAN / TUB
12. PROVIDE DEDICATED ELECTRICAL CIRCUIT FOR EACH UNDERCOUNTER APPLIANCE
13. DOORBELL ON/OFF SWITCH FOR COMMUNICATION FEATURE ROOMS ONLY - SIGNAGE AS REQUIRED
14. THRESHOLD - REFER TO STANDARDS MANUAL
15. SHOWER INDICATED: BATH TUBS MAY BE SUBSTITUTED - REFER TO STANDARDS
16. DASHED BOXES AND CIRCLES REPRESENT ACCESSIBLE CLEAR FLOOR AREAS - REFER TO ACCESSIBLE PLANS SHEET FOR ADDITIONAL INFORMATION
17. ACCESSIBLE DRAPERY CONTROL
18. DESK MUST PROVIDE MIN. 30" WIDE CLEAR FLOOR SPACE AND A MIN. 27" HIGH KNEE CLEARANCE
19. PROVIDE DRAIN IN THIS LOCATION IN GUEST BATHS EQUIPPED WITH ROLL-IN SHOWERS. DISH DRAIN AT A 6" RADIUS (1:48 SLOPE MAX). PROVIDE TRAP PRIMER
20. FLAT SCREEN TV
21. CLOCK
22. TELEPHONE
23. CENTER SCONCE ABOVE NIGHTSTAND
24. EDGE OF PTAC SKIRT AT FLOOR

FURNISHING LEGEND:

GF-100	ACTIVITY CHAIR
GF-101	OTTOMAN
GF-102	SOFA SLEEPER
GF-103	SINGLE ARM SOFA SLEEPER
GF-104	SINGLE ARM CHAISE
GF-105	LOUNGE CHAIR
GF-201	GUESTROOM VANITY LIGHT
GF-202	BEDSIDE TABLE LAMP AT NIGHTSTAND
GF-203	SINGLE NIGHTSTAND SCONCE
GF-204	DOUBLE NIGHTSTAND SCONCE
GF-205	DESK LAMP
GF-206	FLOOR LAMP
GF-300	STREAMLINE UNIT
GF-301	KING HEADBOARD
GF-302	QUEEN HEADBOARD
GF-303	DOUBLE HEADBOARD
GF-304	NIGHTSTAND
GF-305	NIGHTSTAND WITH POWER
GF-306	DOUBLE NIGHTSTAND WITH POWER
GF-307	C-TABLE
GF-308	68" VANITY AT GUEST BATH
GF-309	58" VANITY AT GUEST BATH
GF-310	ADA VANITY AT GUEST BATH
GF-313	STREAMLINE DIVIDER UNIT
GF-314	ADA STREAMLINE UNIT
GF-315	ADA STREAMLINE DIVIDER UNIT
GF-318	42" VANITY AT GUEST BATH
GF-319	STREAMLINE DESK UNIT
GF-400	WINDOW TREATMENT WITH PTAC
GF-401	WINDOW TREATMENT WITHOUT PTAC
GF-402	ROLLER SHADE
GF-500	ARTWORK AT GUESTROOM
GF-501	ARTWORK AT GUEST BATH
GF-502	ARTWORK AT SOFA IN SUITES
GF-503	FRAMED MIRROR AT VANITY
GF-504	FRAMED MIRROR AT DESK
GF-505	FRAMED MIRROR AT ADA VANITY
GF-600	KING BED BASE
GF-601	KING MATTRESS SET
GF-602	KING BEDDING SET
GF-603	ADAAG KING BED BASE
GF-604	QUEEN BED BASE
GF-605	QUEEN MATTRESS SET
GF-606	QUEEN BEDDING SET
GF-607	ADAAG QUEEN BED BASE

FINISH LEGEND:

B	BASE
C	CARPET
MIR	MIRROR
PT	PAINT
ST	STONE
SF	SPECIAL FINISH
T	TILE
VCT	VINYL COMPOSITE TILE
WC	WALL COVERING
WD	WOOD FINISH

NOTE:
REFER TO FF&E SPECIFICATIONS MANUAL AND COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

CEILING LEGEND: (X'-X" Y)

8'-6" C — CEILING HEIGHT / CEILING FINISH

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
		SWITCH
T	T	REMOTE THERMOSTAT
SD	SD	SMOKE DETECTOR
	S	STROBE (IN C.F. ROOMS ONLY)
	FH/S	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
	H	FIRE HORN (NON-C.F. ROOMS)
		SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
J	J	JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL - MOUNT AT 46" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

!ALERT!
VISUAL ALARMS TO BE FULLY VISIBLE FROM ALL AREAS

CEILING LAYOUT LEGEND:

CENTER FIXTURE IN SPACE
- CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

GENERAL NOTES:

1. WALLS BETWEEN ADJACENT ROOMS - ELECTRICAL OUTLET LOCATIONS, INCLUDING TV AND TELEPHONE OUTLETS, SHALL BE OFFSET 6" MIN. HORIZONTALLY - BACK TO BACK OUTLETS ARE NOT ALLOWED.
2. COMMUNICATION FEATURE ROOMS SHALL BE EQUIPPED WITH VISIBLE FIRE ALARMS AND NOTIFICATION DEVICES FOR DOOR KNOCK/BELL AND TELEPHONE.
3. COMMUNICATION FEATURE ROOM MUST HAVE A VISIBLE NOTIFICATION DEVICE FOR THE TELEPHONE.
4. ACCESSIBLE ROOMS SHALL BE EQUIPPED WITH TOGGLE-TYPE SWITCHES.

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ASHISH MISHRA REG. NO. 6456 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

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Hampton Inn and Suites

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Drawing Title
Enlarged Acc. King Plans Elevations

Phase
Construction Documents

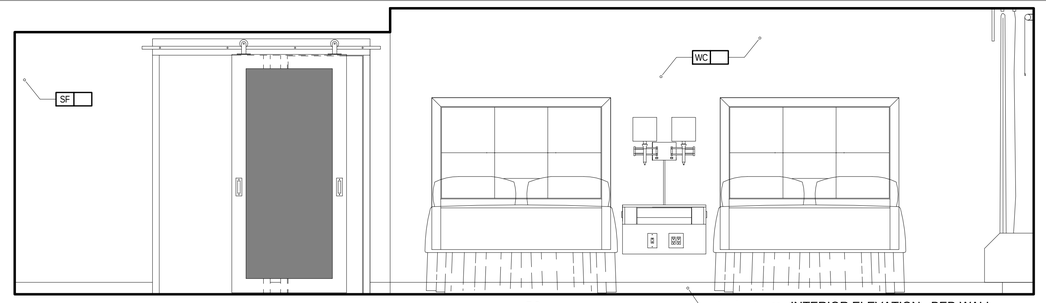
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Prepared by Author
Checked by Checker
Date Sept. 16, 2013

Sheet No. A507

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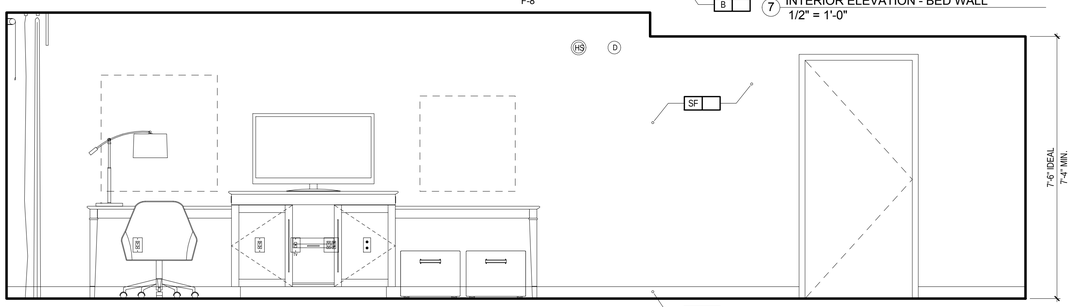
Hampton Inn and Suites

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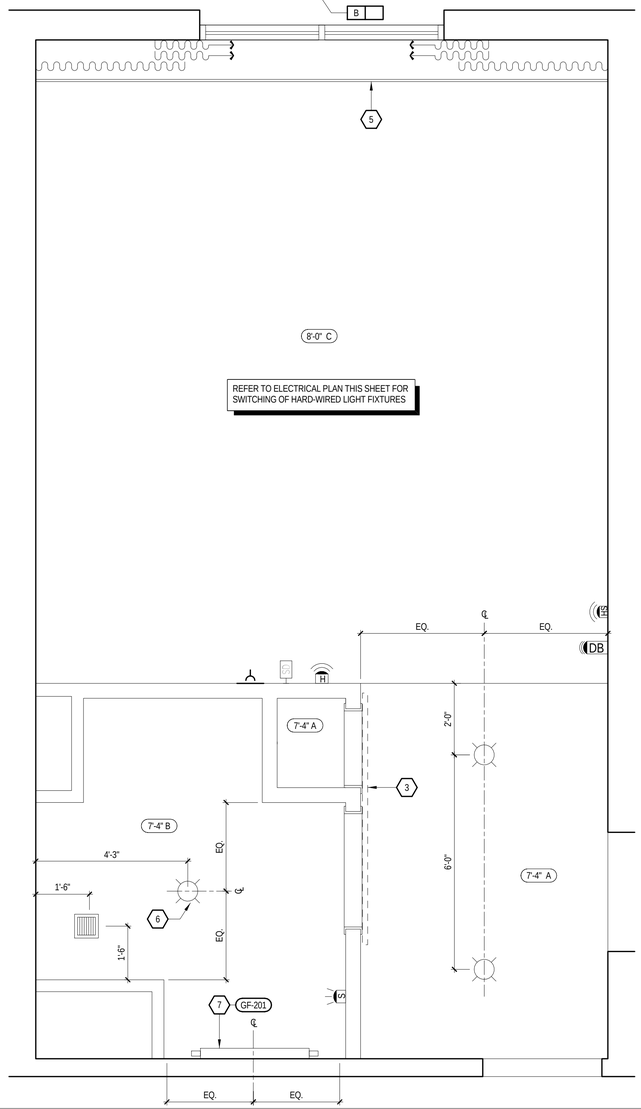


F-8

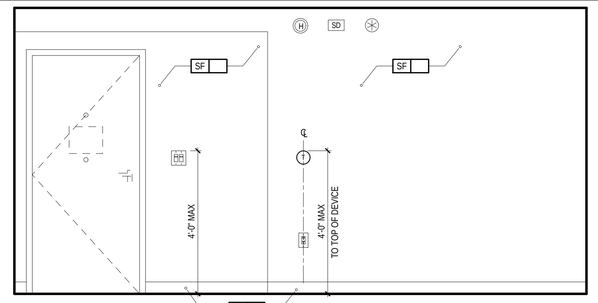
7 INTERIOR ELEVATION - BED WALL
1/2" = 1'-0"



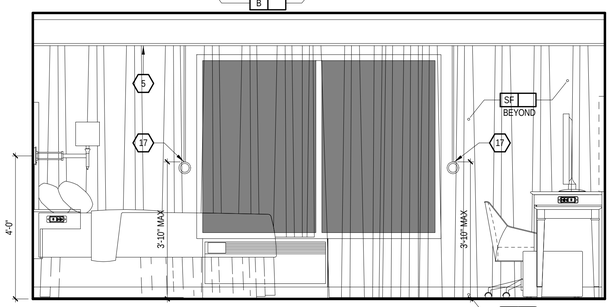
5 INTERIOR ELEVATION - DESK WALL
1/2" = 1'-0"



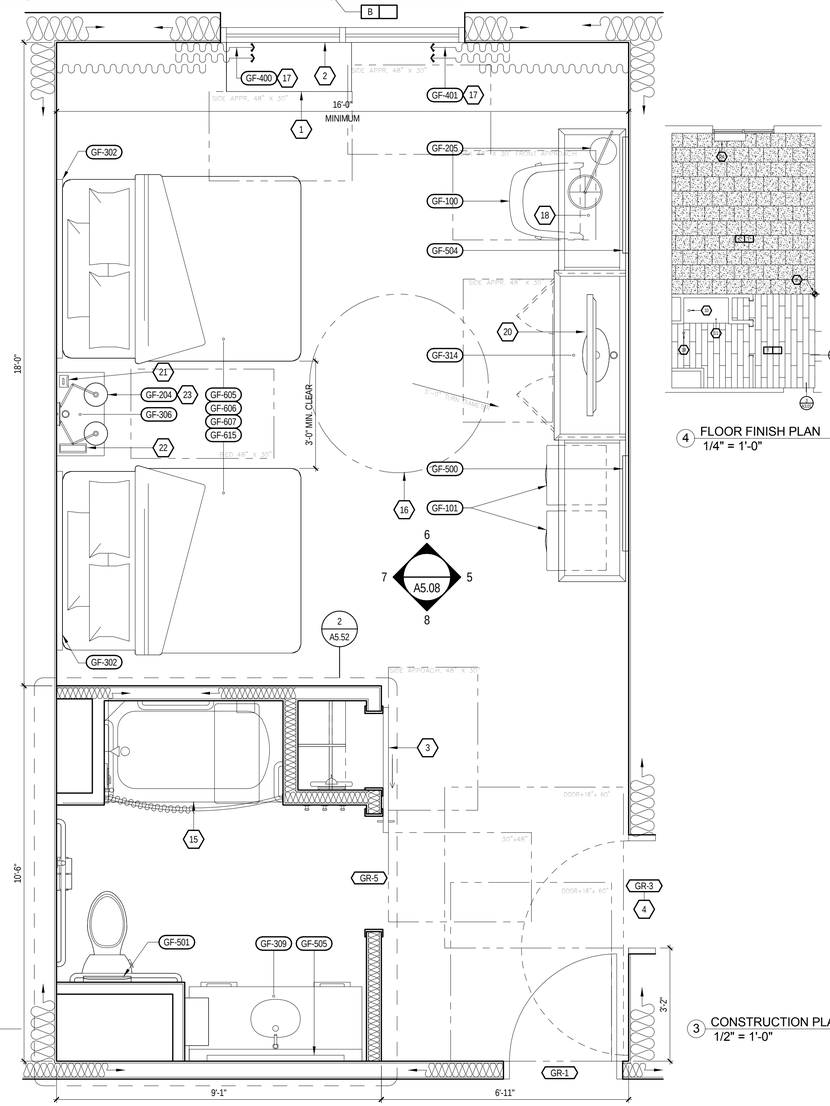
2 CEILING PLAN
1/2" = 1'-0"



8 INTERIOR ELEVATION - WINDOW WALL
1/2" = 1'-0"



6 INTERIOR ELEVATION - BATH WALL
1/2" = 1'-0"



3 CONSTRUCTION PLAN
1/2" = 1'-0"

4 FLOOR FINISH PLAN
1/4" = 1'-0"

!ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN

!ALERT!
VISUAL ALARMS TO BE FULLY VISIBLE FROM ALL AREAS OF ROOM

!ALERT!
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ELECTRICAL OUTLET HEIGHTS (U.N.O.)

TYPICAL WALL OUTLET	-	18" A.F.F.
BATHROOM VANITY OUTLET	-	48" A.F.F.
ACC. BATHROOM VANITY OUTLET	-	44" A.F.F.

KEY NOTES:

1. HARDWIRED PACKAGED TERMINAL AIR CONDITIONER (PTAC) UNIT
2. EXTERIOR WINDOW AND ASSOCIATED TREATMENTS
3. BARN DOOR ON EXPOSED HARDWARE - REFER TO DOOR SCHEDULE FOR MIRROR INSET APPLICATION
4. COMMUNICATING DOOR LOCATION WHEN USED
5. ARCHITECTURAL MILLWORK VALANCE PAINT TO MATCH GENERAL WALL COLOR - ANCHOR FROM CEILING
6. LIGHTS IN THIS AREA MUST BE DAMP LOCATION RATED AND W SHATTER PROOF LENSES
7. WALL MOUNTED VANITY LIGHT - PROVIDE JUNCTION BOX, COORDINATED WITH FIXTURE
8. STARTING POINT OF TILE - BEGIN WITH FULL TILE
9. ALL ROOMS TO HAVE HSIA PER HILTON STANDARDS. IF HARD WIRED INTERNET ACCESS IS DESIRED, A RECEPTACLE MUST BE PLACED @ 34" A.F.F.
10. SHOWER / BATH DRAIN LOCATION
11. NO FINISHES UNDER SHOWER PAN / TUB
12. PROVIDE DEDICATED ELECTRICAL CIRCUIT FOR EACH UNDERCOUNTER APPLIANCE
13. DOORBELL ON/OFF SWITCH FOR COMMUNICATION FEATURE ROOMS ONLY - SIGNAGE AS REQUIRED
14. THRESHOLD - REFER TO STANDARDS MANUAL
15. SHOWER INDICATED: BATH TUBS MAY BE SUBSTITUTED - REFER TO STANDARDS
16. DASHED BOXES AND CIRCLES REPRESENT ACCESSIBLE CLEAR FLOOR AREAS - REFER TO ACCESSIBLE PLANS SHEET FOR ADDITIONAL INFORMATION
17. ACCESSIBLE DRAPERY CONTROL
18. DESK MUST PROVIDE MIN. 30" WIDE CLEAR FLOOR SPACE AND A MIN. 27" HIGH KNEE CLEARANCE
19. PROVIDE DRAIN IN THIS LOCATION IN GUEST BATHS EQUIPPED WITH ROLL-IN SHOWERS. DISH DRAIN AT A 6" RADIUS (1:48 SLOPE MAX). PROVIDE TRAP PRIMER
20. FLAT SCREEN TV
21. CLOCK
22. TELEPHONE
23. CENTER SCONCE ABOVE NIGHTSTAND
24. EDGE OF PTAC SKIRT AT FLOOR

FURNISHING LEGEND:

GF-100	ACTIVITY CHAIR
GF-101	OTTOMAN
GF-102	SOFA SLEEPER
GF-103	SINGLE ARM SOFA SLEEPER
GF-104	SINGLE ARM CHAISE
GF-105	LOUNGE CHAIR
GF-201	GUESTROOM VANITY LIGHT
GF-202	BEDSIDE TABLE LAMP AT NIGHTSTAND
GF-203	SINGLE NIGHTSTAND SCONCE
GF-204	DOUBLE NIGHTSTAND SCONCE
GF-205	DESK LAMP
GF-206	FLOOR LAMP
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GF-304	NIGHTSTAND
GF-305	NIGHTSTAND WITH POWER
GF-306	DOUBLE NIGHTSTAND WITH POWER
GF-307	C-TABLE
GF-308	66" VANITY AT GUEST BATH
GF-309	58" VANITY AT GUEST BATH
GF-310	ADA VANITY AT GUEST BATH
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GF-315	ADA STREAMLINE DIVIDER UNIT
GF-318	42" VANITY AT GUEST BATH
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GF-400	WINDOW TREATMENT WITH PTAC
GF-401	WINDOW TREATMENT WITHOUT PTAC
GF-402	ROLLER SHADE
GF-500	ARTWORK AT GUESTROOM
GF-501	ARTWORK AT GUEST BATH
GF-502	ARTWORK AT SOFA IN SUITES
GF-503	FRAMED MIRROR AT VANITY
GF-504	FRAMED MIRROR AT DESK
GF-505	FRAMED MIRROR AT ADA VANITY
GF-600	KING BED BASE
GF-601	KING MATTRESS SET
GF-602	KING BEDDING SET
GF-603	ADAAG KING BED BASE
GF-604	QUEEN BED BASE
GF-605	QUEEN MATTRESS SET
GF-606	QUEEN BEDDING SET
GF-607	ADAAG QUEEN BED BASE

FINISH LEGEND:

B	BASE
C	CARPET
MIR	MIRROR
PT	PAINT
ST	STONE
SF	SPECIAL FINISH
T	TILE
VCT	VINYL COMPOSITE TILE
WC	WALL COVERING
WD	WOOD FINISH

NOTE:
REFER TO FF&E SPECIFICATIONS MANUAL AND COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

CEILING LEGEND: (X'-X" Y)

8'-6" C — CEILING HEIGHT / CEILING FINISH

A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV		TV OUTLET
		SWITCH
		REMOTE THERMOSTAT
SD	SD	SMOKE DETECTOR
	S	STROBE (IN C.F. ROOMS ONLY)
		FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
	H	FIRE HORN (NON-C.F. ROOMS)
		SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
	J	JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL - MOUNT AT 46" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

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VISUAL ALARMS TO BE FULLY VISIBLE FROM ALL AREAS OF ROOM

CEILING LAYOUT LEGEND:

CENTER FIXTURE IN SPACE
- CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

GENERAL NOTES:

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4. ACCESSIBLE ROOMS SHALL BE EQUIPPED WITH TOGGLE-TYPE SWITCHES.

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Email: don@shultzeg.com

REVISIONS

No.	Date	Description

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ASHISH MISHRA REG. NO. 04454 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Acc. Double Queen Plans Elevations

Phase
Construction Documents

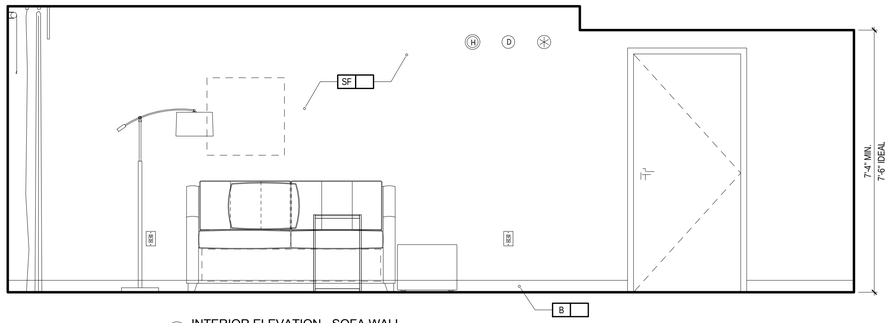
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Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
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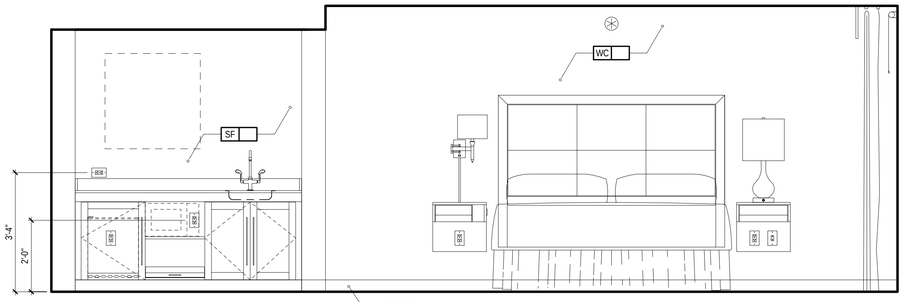
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Hampton Inn and Suites

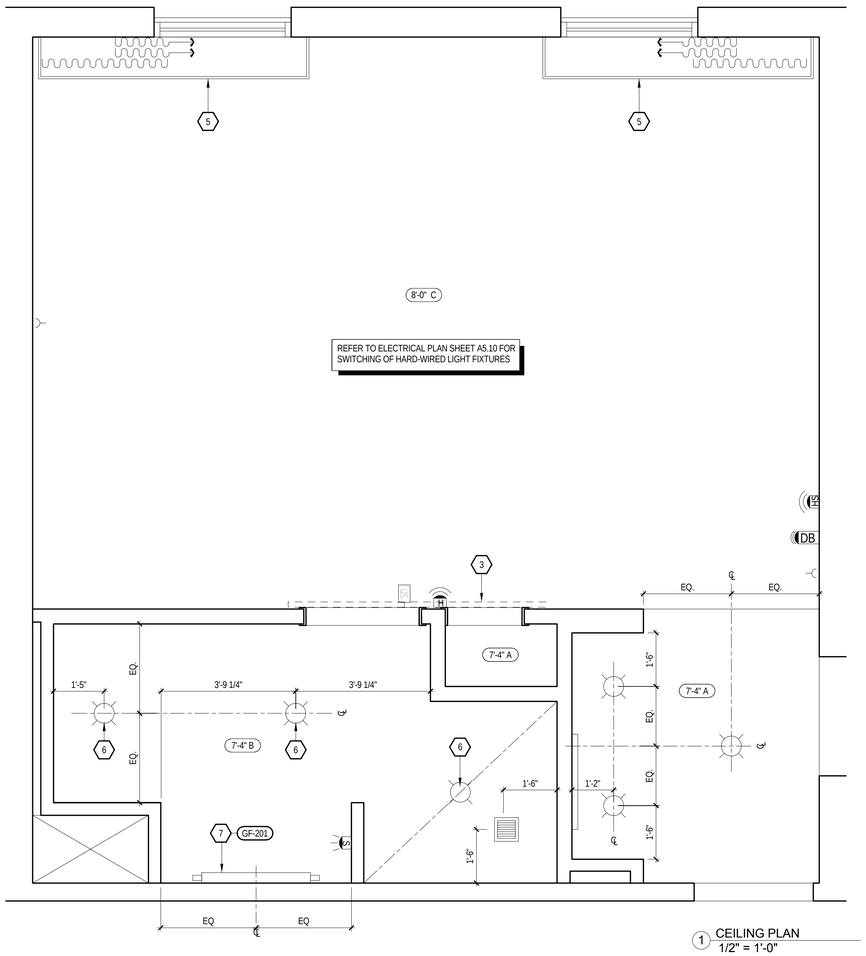
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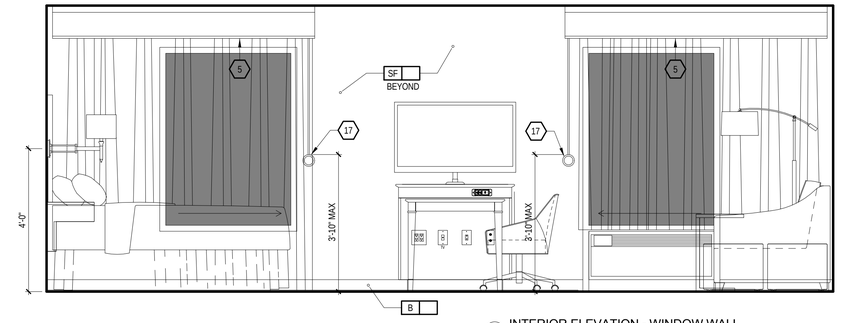
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1/2" = 1'-0"



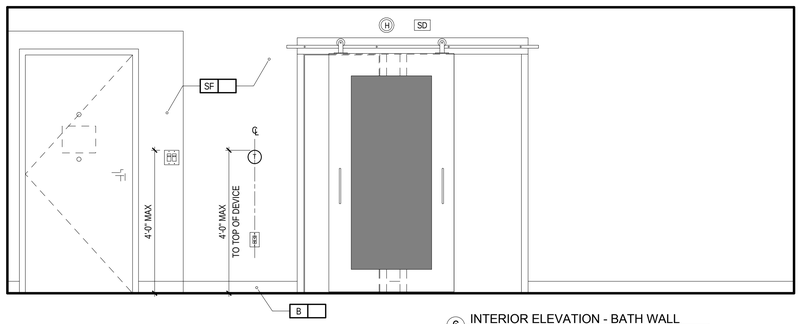
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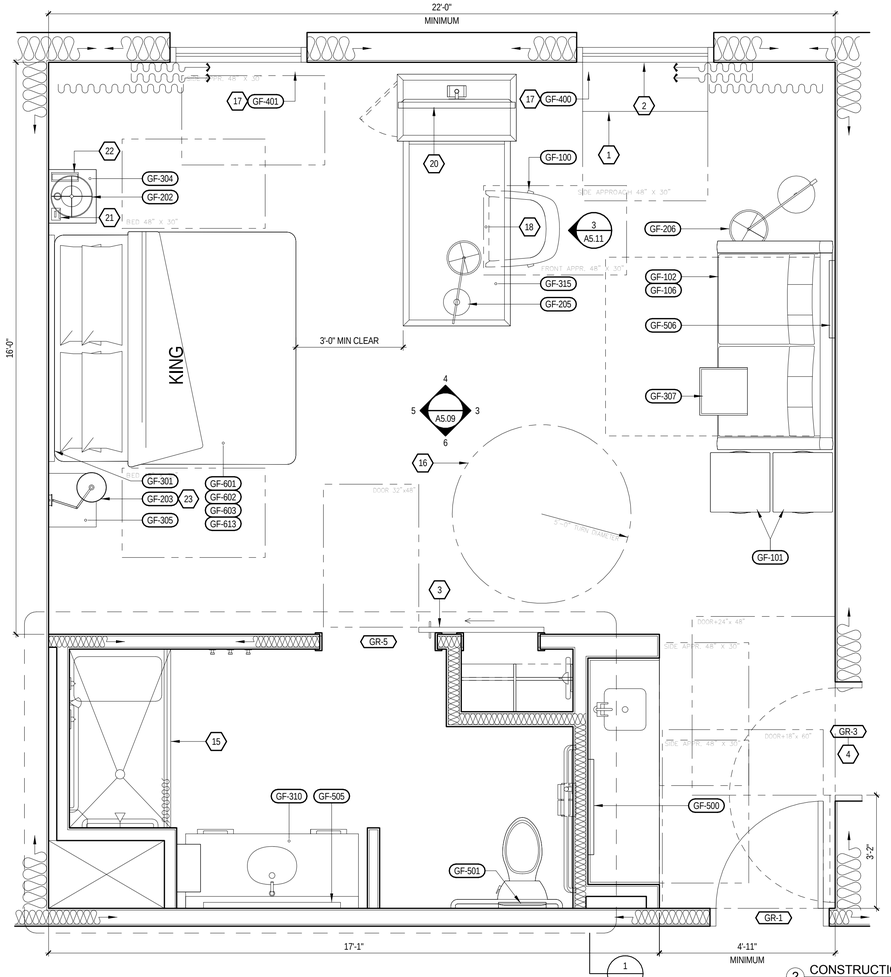
1 CEILING PLAN
1/2" = 1'-0"



4 INTERIOR ELEVATION - WINDOW WALL
1/2" = 1'-0"



6 INTERIOR ELEVATION - BATH WALL
1/2" = 1'-0"



2 CONSTRUCTION PLAN
1/2" = 1'-0"

KEY NOTES:

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24. EDGE OF PTAC SKIRT AT FLOOR

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ELECTRICAL OUTLET HEIGHTS (U.N.O.)

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GF-504	FRAMED MIRROR AT DESK
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GF-604	QUEEN BED BASE
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FINISH LEGEND:

B	BASE
C	CARPET
MIR	MIRROR
PT	PAINT
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NOTE:
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CEILING LEGEND: (X'-X" Y)

CEILING HEIGHT
CEILING FINISH

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV		TV OUTLET
$		SWITCH
T		REMOTE THERMOSTAT
SD	SD	SMOKE DETECTOR
S	S	STROBE (IN C.F. ROOMS ONLY)
		FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
		SIDE WALL SPRINKLER HEAD
		DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
		JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL - MOUNT AT 46" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

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CEILING LAYOUT LEGEND:

CENTER FIXTURE IN SPACE
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- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

GENERAL NOTES:

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REVISIONS

No.	Date	Description

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ASHISH MISHRA REG. NO. 04454 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Acc. King Studio Plans Elevations

Phase
Construction Documents

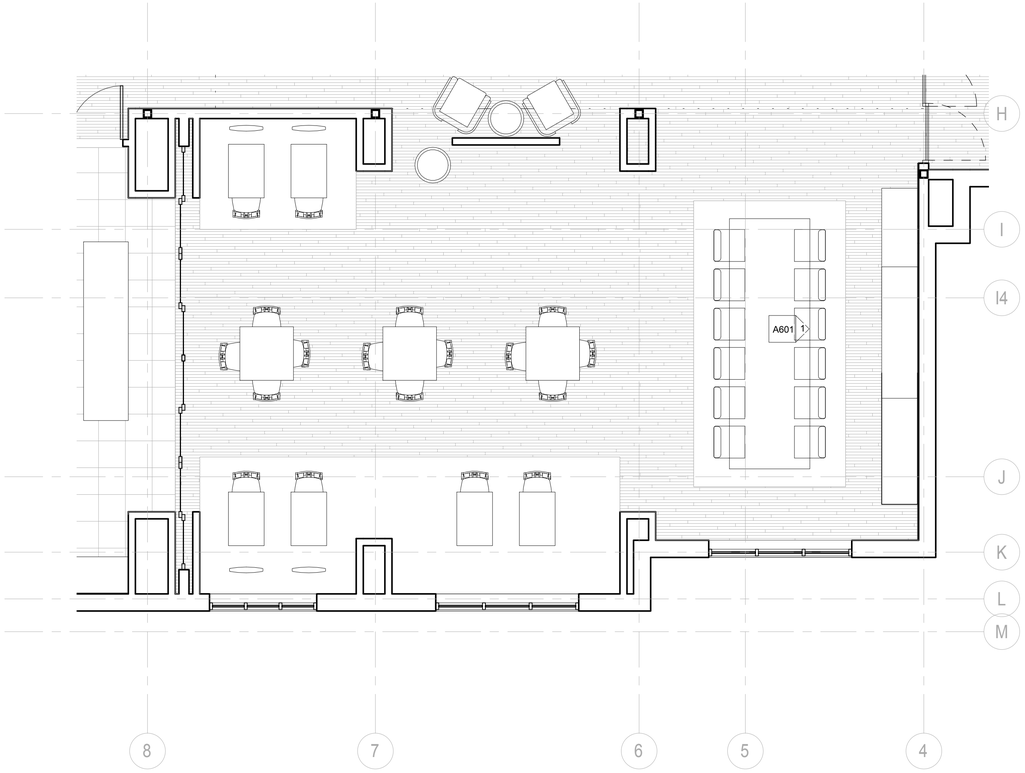
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Checked by Checker
Date Sept. 16, 2013

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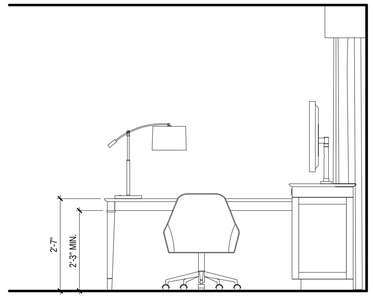
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Hampton Inn and Suites

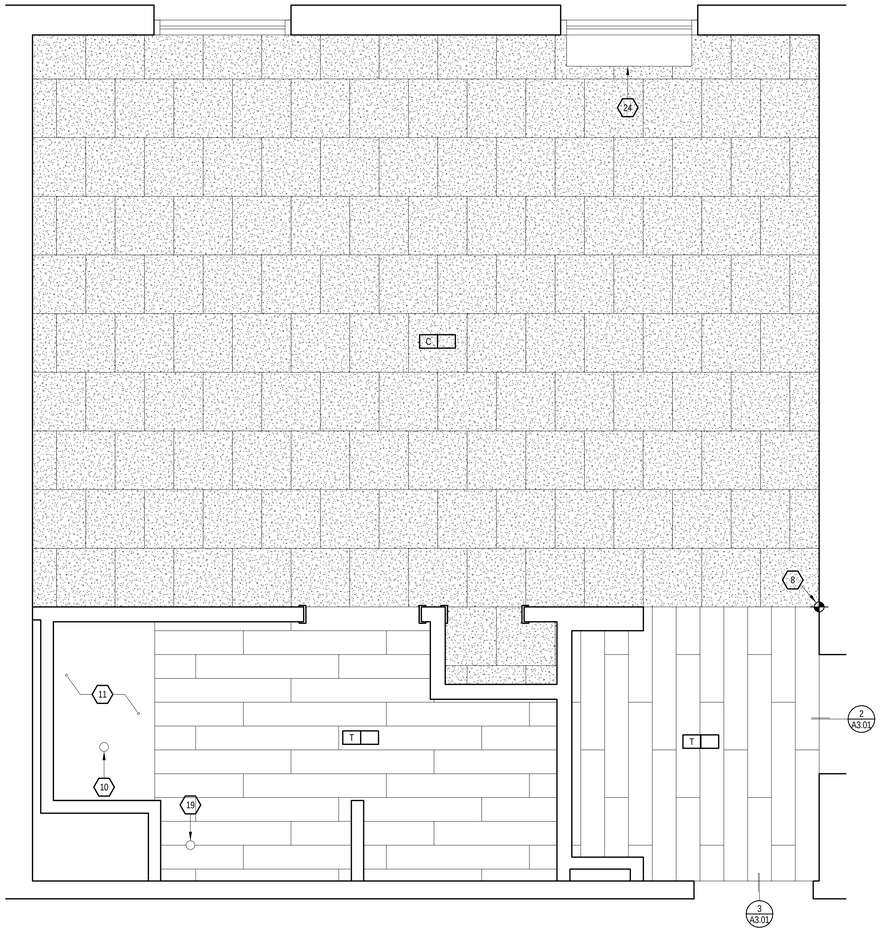
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1 Breakfast Area
1/4" = 1'-0"



3 INT.ELEVATION - SUITE DIVIDER
1/2" = 1'-0"



2 FLOOR FINISH PLAN
1/2" = 1'-0"

KEY NOTES:

1. HARDWIRED PACKAGED TERMINAL AIR CONDITIONER (PTAC) UNIT
2. EXTERIOR WINDOW AND ASSOCIATED TREATMENTS
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10. SHOWER / BATH DRAIN LOCATION
11. NO FINISHES UNDER SHOWER PAN / TUB
12. PROVIDE DEDICATED ELECTRICAL CIRCUIT FOR EACH UNDERCOUNTER APPLIANCE
13. DOORBELL ON/OFF SWITCH FOR COMMUNICATION FEATURE ROOMS ONLY - SIGNAGE AS REQUIRED
14. THRESHOLD - REFER TO STANDARDS MANUAL
15. SHOWER INDICATED: BATH TUBS MAY BE SUBSTITUTED REFER TO STANDARDS
16. DASHED BOXES AND CIRCLES REPRESENT ACCESSIBLE CLEAR FLOOR AREAS - REFER TO ACCESSIBLE PLANS SHEET FOR ADDITIONAL INFORMATION
17. ACCESSIBLE DRAPERY CONTROL
18. DESK MUST PROVIDE MIN. 30" WIDE CLEAR FLOOR SPACE AND A MIN. 27" HIGH KNEE CLEARANCE
19. PROVIDE DRAIN IN THIS LOCATION IN GUEST BATHS EQUIPPED WITH ROLL-IN SHOWERS. DISH DRAIN AT A 6" RADIUS (1:48 SLOPE MAX). PROVIDE TRAP PRIMER
20. FLAT SCREEN TV
21. CLOCK
22. TELEPHONE
23. CENTER SCONCE ABOVE NIGHTSTAND
24. EDGE OF PTAC SKIRT AT FLOOR

FURNISHING LEGEND:

GF-100	ACTIVITY CHAIR
GF-101	OTTOMAN
GF-102	SOFA SLEEPER
GF-103	SINGLE ARM SOFA SLEEPER
GF-104	SINGLE ARM CHAISE
GF-105	LOUNGE CHAIR
GF-201	GUESTROOM VANITY LIGHT
GF-202	BEDSIDE TABLE LAMP AT NIGHTSTAND
GF-203	SINGLE NIGHTSTAND SCONCE
GF-204	DOUBLE NIGHTSTAND SCONCE
GF-205	DESK LAMP
GF-206	FLOOR LAMP
GF-300	STREAMLINE UNIT
GF-301	KING HEADBOARD
GF-302	QUEEN HEADBOARD
GF-303	DOUBLE HEADBOARD
GF-304	NIGHTSTAND
GF-305	NIGHTSTAND WITH POWER
GF-306	DOUBLE NIGHTSTAND WITH POWER
GF-307	C-TABLE
GF-308	66" VANITY AT GUEST BATH
GF-309	58" VANITY AT GUEST BATH
GF-310	ADA VANITY AT GUEST BATH
GF-313	STREAMLINE DIVIDER UNIT
GF-314	ADA STREAMLINE UNIT
GF-315	ADA STREAMLINE DIVIDER UNIT
GF-318	42" VANITY AT GUEST BATH
GF-319	STREAMLINE DESK UNIT
GF-400	WINDOW TREATMENT WITH PTAC
GF-401	WINDOW TREATMENT WITHOUT PTAC
GF-402	ROLLER SHADE
GF-500	ARTWORK AT GUESTROOM
GF-501	ARTWORK AT GUEST BATH
GF-502	ARTWORK AT SOFA IN SUITES
GF-503	FRAMED MIRROR AT VANITY
GF-504	FRAMED MIRROR AT DESK
GF-505	FRAMED MIRROR AT ADA VANITY
GF-600	KING BED BASE
GF-601	KING MATTRESS SET
GF-602	KING BEDDING SET
GF-603	ADAAG KING BED BASE
GF-604	QUEEN BED BASE
GF-605	QUEEN MATTRESS SET
GF-606	QUEEN BEDDING SET
GF-607	ADAAG QUEEN BED BASE

FINISH LEGEND:

B	BASE
C	CARPET
MIR	MIRROR
PT	PAINT
ST	STONE
SF	SPECIAL FINISH
T	TILE
VCT	VINYL COMPOSITE TILE
WC	WALL COVERING
WD	WOOD FINISH

NOTE:
REFER TO FF&E SPECIFICATIONS MANUAL AND COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

CEILING LEGEND: (X'-X" Y)

CEILING HEIGHT
8'-0" C CEILING FINISH

A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED AND PAINTED - REFER TO STANDARDS

ELECTRICAL LEGEND:

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
S	S	SWITCH
T	T	REMOTE THERMOSTAT
SD H	SD	SMOKE DETECTOR
	S	STROBE (IN C.F. ROOMS ONLY)
	FSH	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
	H	FIRE HORN (NON-C.F. ROOMS)
	SP	SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
J	J	JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL - MOUNT AT 46" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

!ALERT!
VISUAL ALARMS TO BE FULLY VISIBLE FROM ALL AREAS

CEILING LAYOUT LEGEND:

CENTER FIXTURE IN SPACE
- CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

GENERAL NOTES:

1. WALLS BETWEEN ADJACENT ROOMS - ELECTRICAL OUTLET LOCATIONS, INCLUDING TV AND TELEPHONE OUTLETS, SHALL BE OFFSET 6" MIN. HORIZONTALLY - BACK TO BACK OUTLETS ARE NOT ALLOWED.
2. COMMUNICATION FEATURE ROOMS SHALL BE EQUIPPED WITH VISIBLE FIRE ALARMS AND NOTIFICATION DEVICES FOR DOOR KNOCK/BELL AND TELEPHONE.
3. COMMUNICATION FEATURE ROOM MUST HAVE A VISIBLE NOTIFICATION DEVICE FOR THE TELEPHONE.
4. ACCESSIBLE ROOMS SHALL BE EQUIPPED WITH TOGGLE-TYPE SWITCHES.

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REVISIONS

No.	Date	Description

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ASHISH MISHRA
REG. NO. 042
STATE OF LOUISIANA
REGISTERED ARCHITECT
9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Acc. King Studio Plans Elevations

Phase
Construction Documents

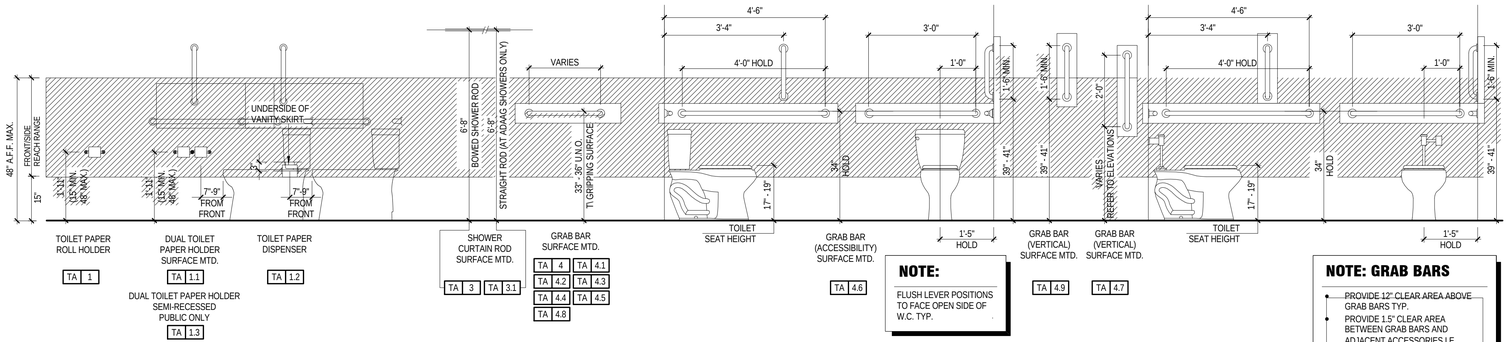
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
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NOTE:

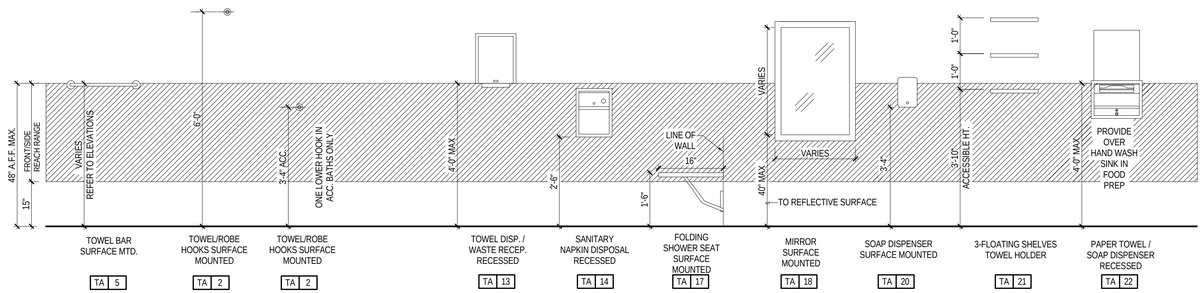
FLUSH LEVER POSITIONS TO FACE OPEN SIDE OF W.C. TYP.

NOTE: GRAB BARS

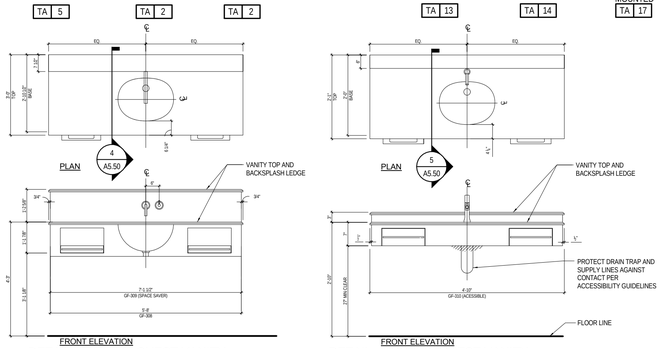
- PROVIDE 12" CLEAR AREA ABOVE GRAB BARS TYP.
- PROVIDE 1.5" CLEAR AREA BETWEEN GRAB BARS AND ADJACENT ACCESSORIES I.E. SHOWER CONTROLS, SHOWER FITTING, AND OTHER GRAB BARS
- PROVIDE BLOCKING TO SUPPORT MIN. 250 LBS. OF VERTICAL AND HORIZONTAL FORCE

NOTE:

ALL EQUIPMENT CONTROLS OR PRODUCT DISPENSER LOCATIONS MUST BE WITHIN REACH RANGE AS INDICATED



1 ACCESSIBLE MOUNTING HEIGHTS
1/2" = 1'-0"

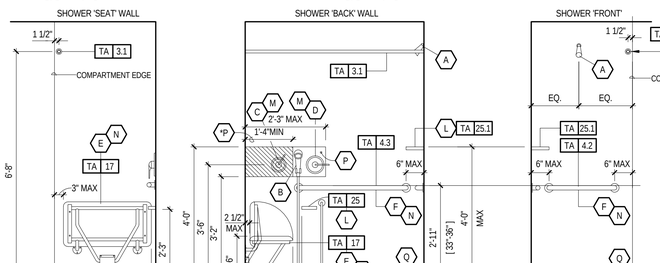


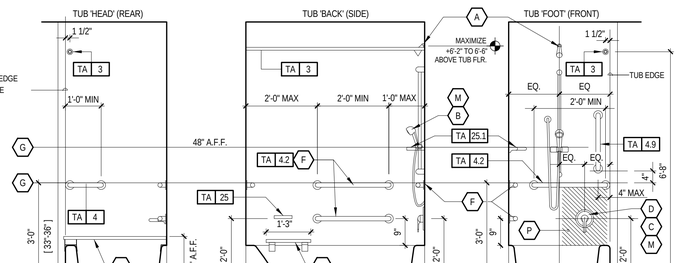
2 DETAIL - TYP.4'-6" GUEST VANITY
3/8" = 1'-0"

3 DETAIL - ACC.4'-6" GUEST VANITY
3/8" = 1'-0"

NOTE:

1. VANITY TOPS MUST BE WHITE ENGINEERED STONE WITH REVERSED HOLLYWOOD PROFILE EDGE ON FRONT AND EASED PROFILE EDGE ON SIDE TYP. - ACCESSIBLE VANITY TO HAVE REVERSED HOLLYWOOD PROFILE EDGE ON FRONT AND SIDES
2. VANITY TOP MUST BE 2" MINIMUM AWAY FROM SIDE WALLS.
3. VANITIES MUST BE PURCHASED THROUGH REQUIRED VENDERS - REFER TO HAMPTON FYI GUESTROOM GUIDE AND FYI PERFORMANCE STANDARDS





- A HOTEL STANDARD SHOWER HEAD
- B HAND HELD SHOWER HEAD ATTACHED TO WALL WITH COMPATIBLE MOUNTING POST CONNECTED TO 90° PLUMBING ELBOW (CHROME W/ ESCUTCHEON FACING DOWN) WITH MIN. 59" SOFT VINYL HOSE (WHITE) - PROVIDE POSITIVE SHUT OFF SWITCH - UNIT SHALL DELIVER WATER AT 120°F MAXIMUM - MUST BE USABLE IN A FIXED OR HAND-HELD POSITION TYPICALLY USING AN ADJUSTABLE BAR
- C DIVERTER FAUCET WITH PERMANENT LABELS INDICATING OPERATION DIRECTION - WHEN FAUCET IS 'POINTING' TOWARDS STANDARD SHOWER HEAD (AS INDICATED) IT OPERATES THE STANDARD SHOWER HEAD, WHEN 'POINTING' TOWARDS THE HAND-HELD SHOWER IT OPERATES THE HAND-HELD SHOWER HEAD - LABELS SHALL READ: "UPPER SHOWER HEAD" & "HAND HELD SHOWER HEAD" AND BE PERMANENTLY AFFIXED TO WALL
- D CONTROLS MOUNTED OFF CENTER TOWARDS SHOWER SEAT
- E SHOWER SEAT (FOLDING) -- REFER TO TOILET ACCESSORY SCHEDULE
- F GRAB BARS - TYP. -- REFER TO MOUNTING HEIGHTS
- G ACCESSIBLE "REACH" MAXIMUM HEIGHT
- L SOAP DISHES CENTERED AS INDICATED OR PER TILE LAYOUT
- M OPERATION: WATER FLOWS FROM MIXING VALVE TO DIVERTER FAUCET THEN: - ACTIVATION OF DIVERTER FAUCET SWITCHES BETWEEN HAND HELD AND STANDARD SPOUT/SHOWER
- N PROVIDE BLOCKING AS NECESSARY
- P ACCESSIBLE CONTROLS AREA * PROVIDE MIN. DISTANCE PER LOCAL CODE REQUIRMENTS
- Q SLOPE TILE TO FLOOR DRAIN: SLOPE NOT TO EXCEED 1:48

NOTE: ALL GRAB BARS AND SEATS MUST BE BLOCKED/ RE-INFORCED TO WITHSTAND ACCESSIBILITY REQUIRED LOAD LIMITS

7 ACCESSIBLE SHOWER LAYOUT (36inX60in)
1/2" = 1'-0"

- A HOTEL STANDARD SHOWER HEAD
- B HAND HELD SHOWER HEAD W/60" HOSE ATTACHED TO ADJUSTABLE HEIGHT BAR. MOUNT BAR TO ALLOW SHOWER HEAD TO BE PLACED WITHIN ACCESSIBLE REACH RANGE. MOUNT ADJUSTABLE BAR SO AS NOT TO CONFLICT WITH GRAB BAR - - PROVIDE POSITIVE SHUT OFF SWITCH - UNIT SHALL DELIVER WATER AT 120°F MAXIMUM
- C DIVERTER FAUCET WITH PERMANENT LABELS INDICATING OPERATION DIRECTION - WHEN FAUCET IS 'POINTING' TOWARDS FOOT/FRONT (AS INDICATED) IT OPERATES THE TUB SPOUT AND STANDARD SHOWER HEAD, WHEN 'POINTING' TOWARDS THE HEAD/REAR OF TUB IT OPERATES THE HAND HELD SHOWER HEAD - LABELS SHALL READ: "TUB/UPPER SHOWER HEAD" & "HAND HELD SHOWER HEAD" AND BE PERMANENTLY AFFIXED TO WALL
- D CONTROLS MOUNTED OFF CENTER TOWARDS OPEN EDGE OF TUB
- E PADDED REMOVABLE ACCESSIBLE TUB SEAT - TO BE 15"-16" DEEP AND AT 17"-19" ABOVE FINISHED FLOOR WHEN IN USE.
- F GRAB BARS - TYP. -- REFER TO MOUNTING HEIGHTS
- G ACCESSIBLE "REACH" MAXIMUM HEIGHT
- L SOAP DISHES
- M OPERATION: WATER FLOWS FROM MIXING VALVE TO DIVERTER FAUCET BACK THEN TO TUB SPOUT, THEN THE: - ACTIVATION OF STANDARD DIVERTER IN TUB SPOUT OR MIXING VALVE OPERATES STANDARD SHOWER HEAD - ACTIVATION OF DIVERTER FAUCET SWITCHES BETWEEN HAND HELD AND STANDARD TUB SPOUT/SHOWER
- N PROVIDE BLOCKING AS NECESSARY
- P ACCESSIBLE CONTROLS AREA

NOTE: ALL GRAB BARS AND SEATS MUST BE BLOCKED / REINFORCED TO WITHSTAND ACCESSIBILITY REQUIRED LOAD LIMITS

8 ACCESSIBLE TUB LAYOUT
1/2" = 1'-0"

GUESTROOM BATH & PUBLIC RESTROOM ACCESSORIES SCHEDULE

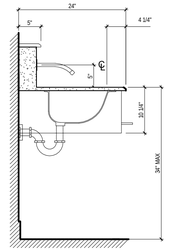
TA X

NOTE: REFER TO STANDARDS MANUAL FOR ACCEPTABLE MANUFACTURERS

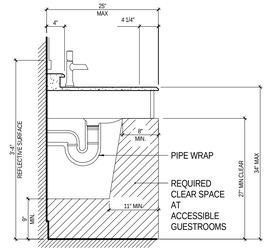
ID No.	DESCRIPTION	NOTES	Surface Mounted	Semi-Recessed	Recessed	Refer to Plans for Size	Mfr's Standard Color	REMARKS
TA 1	TOILET PAPER ROLL HOLDER	-	○		○	○		
TA 1.1	DUAL TOILET PAPER HOLDER	-	○		○	○		
TA 1.2	TOILET PAPER DISPENSER	-	○		○	○		
TA 1.3	DUAL TOILET PAPER HOLDER SEMI-RECESSED	-		○	○	○		
TA 2	TOWEL/ROBE HOOK SURFACE MTD.	-	○		○	○		
TA 3	SHOWER CURTAIN ROD (BOWED) SURFACE MTD.	-	○		○	○		
TA 3.1	SHOWER CURTAIN ROD SURFACE MTD.	-	○		○	○		
TA 4	12" GRAB BAR SURFACE MTD.	-	○		○	○		
TA 4.1	18" GRAB BAR SURFACE MTD.	-	○		○	○		
TA 4.2	24" GRAB BAR SURFACE MTD.	-	○		○	○		
TA 4.3	36" GRAB BAR SURFACE MTD.	-	○		○	○		
TA 4.4	42" GRAB BAR SURFACE MTD.	-	○		○	○		
TA 4.5	48" GRAB BAR SURFACE MTD.	-	○		○	○		
TA 4.6	GRAB BAR (ACCESSIBILITY) SURFACE MTD.	-	○		○	○		
TA 4.7	GRAB BAR VERTICAL SURFACE MTD.	-	○		○	○		
TA 4.8	48"+ GRAB BAR SURFACE MTD.	-	○		○	○		REFER TO ELEVATIONS FOR DIMENSIONS
TA 4.9	GRAB BAR VERTICAL SURFACE MTD.	-	○		○	○		
TA 5	TOWEL BAR SURFACE MTD.	-	○		○	○		
TA 5.1	METAL TUBE TOWEL RACK SURFACE MTD.	-	○		○	○		
TA 8	18" TOWEL BAR	-	○		○	○		
TA 13	MOTION-ACTIVATED TOWEL DISPENSER	-	○	○	○	○		
TA 13.1	WASTE RECEPTACLE	-						
TA 14	SANITARY NAPKIN DISPOSAL RECESSED	-			○	○	○	
TA 17	FOLDING SHOWER SEAT SURFACE MTD.	-	○			○	○	
TA 18	MIRROR SURFACE MTD.	-	○			○	○	
TA 20	SOAP DISPENSER SURFACE MTD.	-	○			○		○
TA 21	3-SHELF TOWEL HOLDER (SINGLE BEDDED ROOMS)	-	○					
TA 22	PAPER TOWEL / SOAP DISPENSER RECESSED	-	○			○	○	
TA 25	SOAP DISH	-	○					
TA 25.1	SOAP DISH CORNER MTD.	-	○					
TA 25.2	FOOT REST	-	○			○		

(TA) GENERAL NOTES

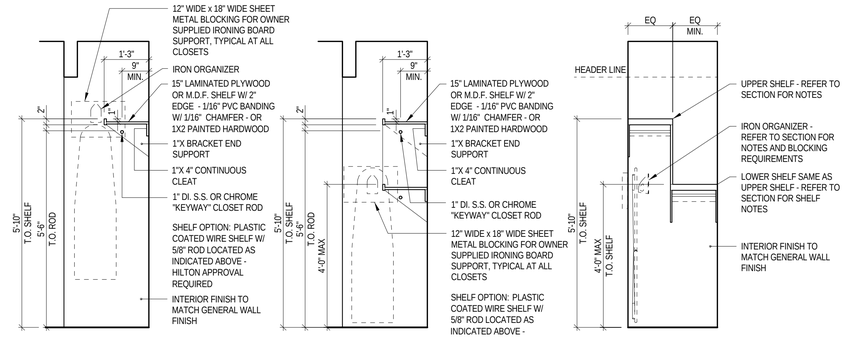
1. PROVIDE BLOCKING, OR DIRECT STUD SUPPORT, FOR ALL TOILET ACCESSORIES THIS LIST
2. APPROVED METAL FINISHES: POLISHED OR BRUSHED CHROME, BRUSHED NICKEL OR STAINLESS STEEL COORDINATED PER HAMPTON FYI GUESTROOM GUIDE AND FYI PERFORMANCE STANDARDS
3. WALL MOUNTED EQUIPMENT, FIXTURE, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS.
4. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG.
5. LIGHTS IN PUBLIC AREA MUST BE ON KEYED SWITCHES OR MOTION SENSORS. THE MOTION SENSOR MUST HAVE A DELAY OF THIRTY MINUTES FROM THE LAST DETECTION OF MOVEMENT IN THE DEFINED AREA PRIOR TO SHUT DOWN. ENTRY LIGHT IN PUBLIC RESTROOMS MUST REMAIN ON AT ALL TIMES IN MULTI-STALL RESTROOM.
6. A GFCI/ELCB/RCCB OR EQUAL DUPLEX OUTLET MUST BE LOCATED ON A SIDEWALL OF THE WATER BASIN.



4 VANITY DETAIL
3/4" = 1'-0"



5 ACC. VANITY DETAIL
3/4" = 1'-0"



A TYPICAL CLOSET SECTION

B ACCESSIBLE CLOSET SECTION

C ACCESSIBLE CLOSET ELEVATION

9 CLOSET DETAILS
1/2" = 1'-0"

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REVISIONS

No.	Date	Description

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ASHISH MISHRA REG. NO. 6429 STATE OF LOUISIANA REGISTERED ARCHITECT 9/6/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Bathroom Accessory Legend Typ. Details

Phase
Construction Documents

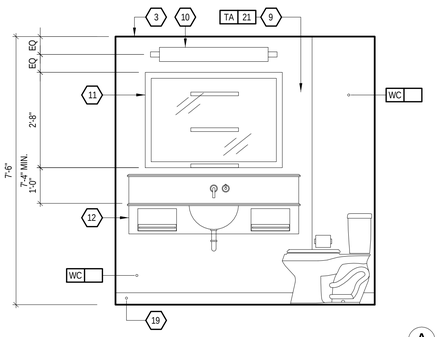
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Date Sept. 16, 2013

Sheet No. A550

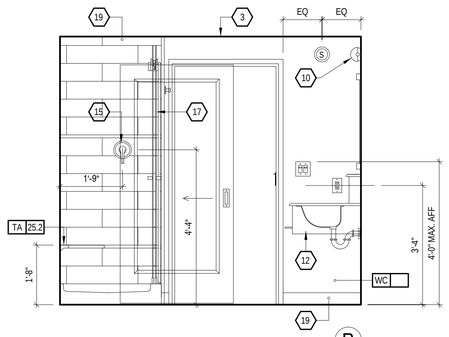
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Hampton Inn and Suites

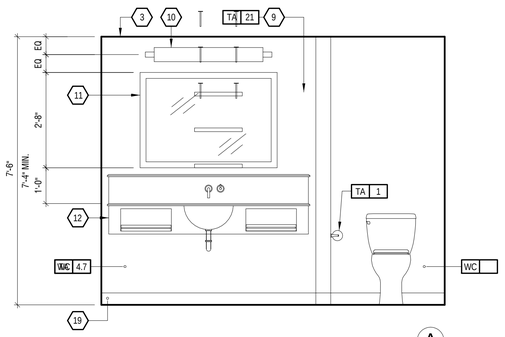
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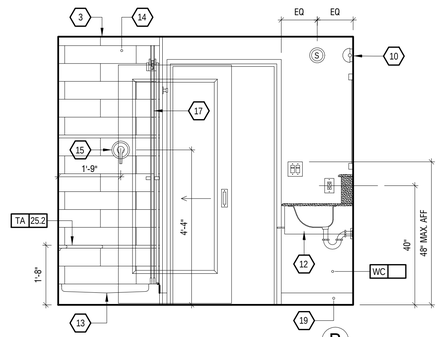
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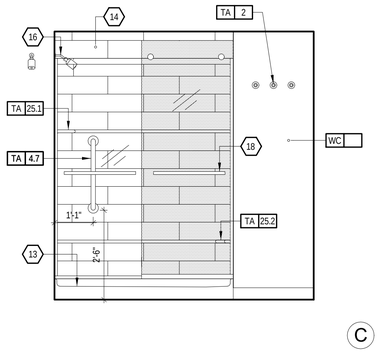
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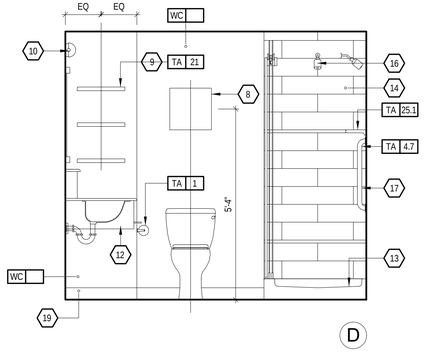
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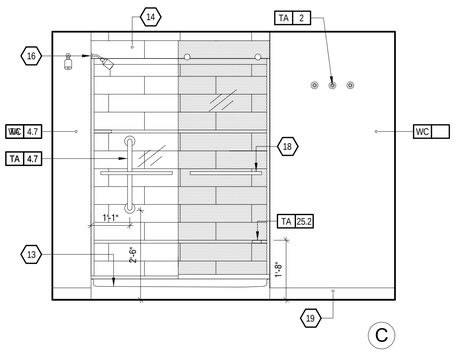


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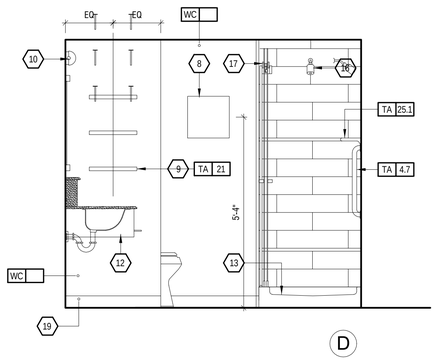


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3 INTERIOR ELEVATIONS - TYPICAL 12'-0" GUESTROOM BATH
1/2" = 1'-0"

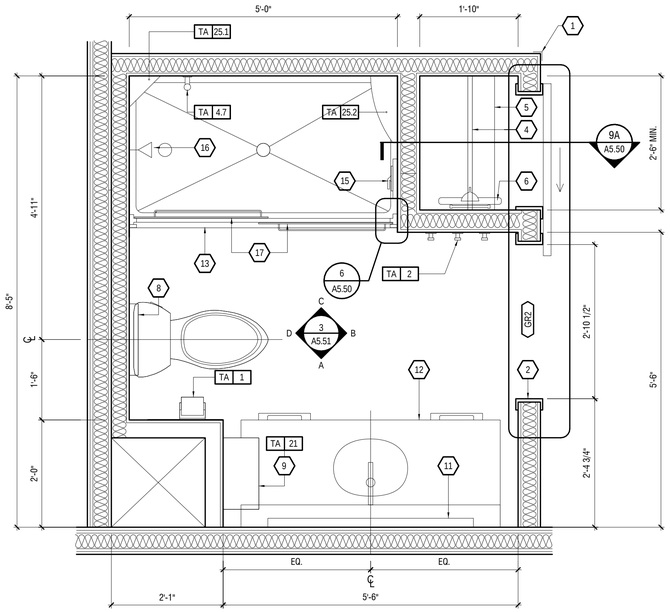


C



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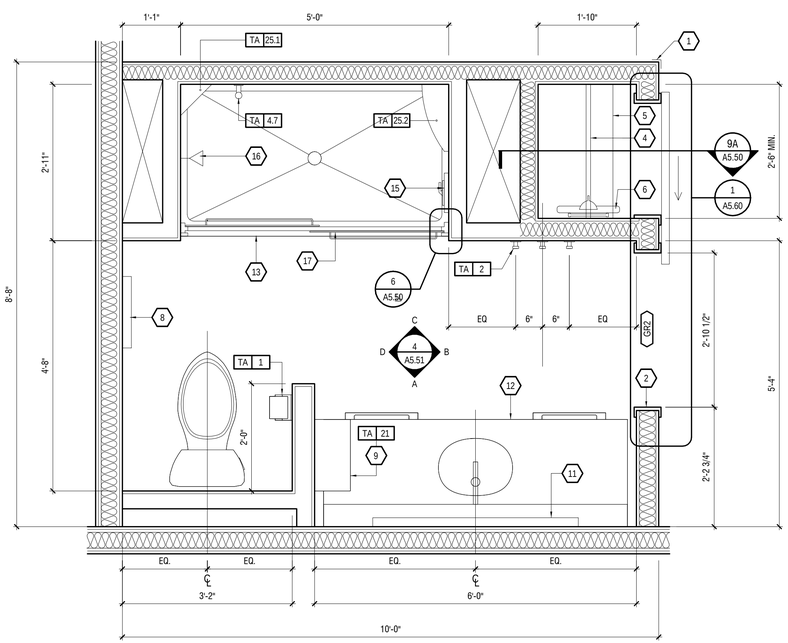
4 INTERIOR ELEVATIONS - TYPICAL 14'-0" GUESTROOM BATHROOM W/ SHOWER
1/2" = 1'-0"



2 ENLARGED PLAN - TYPICAL 12'-0" GUESTROOM BATHROOM W/ SHOWER
1/2" = 1'-0"

NOTE:

REFER TO SHEET A5.50 FOR RESTROOM ACCESSORY LEGEND AND ACCESSORY HTS.



1 ENLARGED PLAN - TYPICAL 14'-0" GUESTROOM BATHROOM W/ SHOWER
1/2" = 1'-0"

KEYNOTES

1. FULL HEIGHT CORNER GUARD, NO EXPOSED FASTENERS, COLOR TO COORDINATE WITH WALL
2. CASED OPENING - PAINTED
3. MOISTURE RESISTANT GYP. BD. (TYP.)
4. CLOSET ROD TUBING # 770-3 (CHR. FLANGE #726 CHR, MFG BY KNAPE AND VOGT (616-459-3311 / KNAPEANDVOGT.COM). MOUNT AT 66" A.F.F. IN TYP. GUESTROOM. AT ACCESSIBLE GUESTROOMS PROVIDE HALF THE CLOSET ROD LENGTH AT 44" A.F.F. -PROVIDE ACCESSIBLE TUBING ON MOST ACCESSIBLE SIDE OF CLOSET
5. TYP. GUESTROOM CLOSET WOOD SHELF W/ HARDWOOD EDGE @ 68" A.F.F., IN ACCESSIBLE GUESTROOMS WITH MOBILITY FEATURES, PROVIDE HALF THE CLOSET SHELF @ 48" A.F.F.-PROVIDE ACCESSIBLE HANG ROD ON MOST ACCESSIBLE SIDE OF CLOSET - REFER TO CLOSET DETAIL
6. IRONING BOARD
7. NOT USED
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25. ACCESSIBLE SHOWER FLOOR NOT TO EXCEED 1:48 IN ANY DIRECTION
26. PROVIDE INSULATED FLOOR DRAIN IN THIS LOCATION FOR GUEST BATHS EQUIPPED WITH A ROLL-IN SHOWER DRAIN WITH 12" DIA. DISH. FLOOR SLOPE NOT TO EXCEED 1:48 IN ANY DIRECTION. PROVIDE TRAP PRIMER - COMPLY ALSO WITH LOCAL CODE WHERE APPLICABLE
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30. ACCESSIBLE BATH TUB
31. REFER TO TYPICAL BATH TUB DRAWING - 2 / A5.53
32. PROVIDE ADDITIONAL TOWEL HOOK WITH TUB OPTION

ELECTRICAL LEGEND

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
$		SWITCH
	R	REMOTE
SD	SD	SMOKE DETECTOR
	S	STROBE (IN C.F. ROOMS ONLY)
	HS	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
	H	FIRE HORN, STANDARD ROOMS
		SIDE WALL SPRINKLER HEAD
D	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
J	J	JUNCTION BOX
		EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL-MOUNT AT 46" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

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7. SLOPE FLOORS TO DRAIN, SLOPE NOT TO EXCEED 1:48 IN ANY DIRECTION
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13. REFER TO GUEST BATH ACCESSORY LEGEND--REFER TO HAMPTONSTANDARDS FOR SPECIFIC REQUIREMENTS
14. ACCESSIBLE CLEARANCES INDICATED IN THESE DRAWINGS ARE FOR DESIGN INTENT ONLY. DESIGNER OF RECORD SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS PER LOCAL AND NATIONAL CODES.
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REVISIONS

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ASHISH MISHRA REG. NO. 6454 STATE OF LOUISIANA REGISTERED ARCHITECT 11/4/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Bathroom Plans, Elevations Details

Phase
Construction Documents

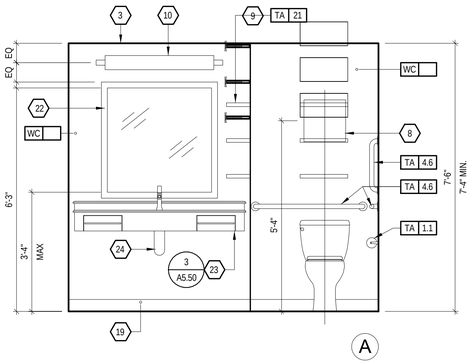
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Prepared by Author
Checked by Checker
Date Sept. 16, 2013

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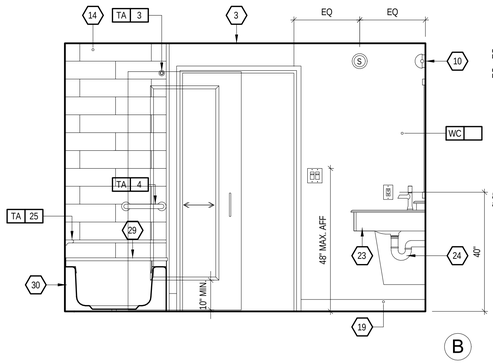
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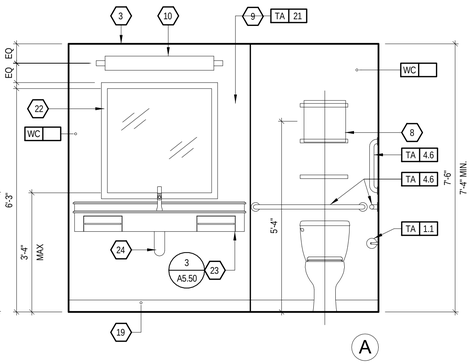
Hampton Inn and Suites



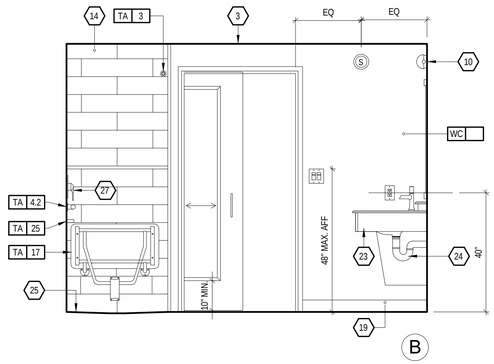
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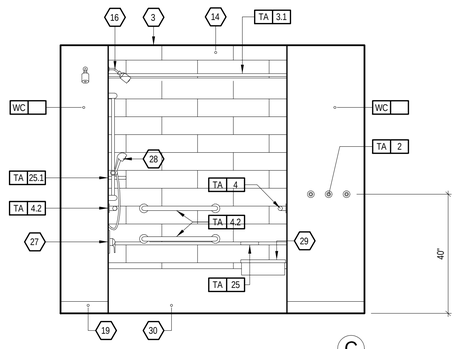
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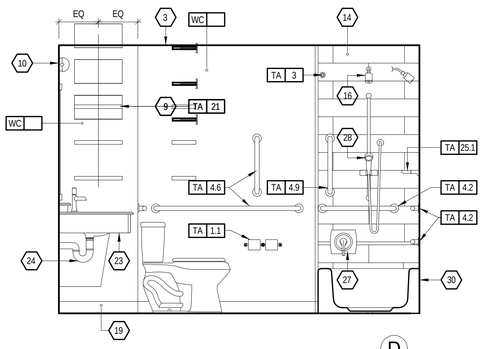
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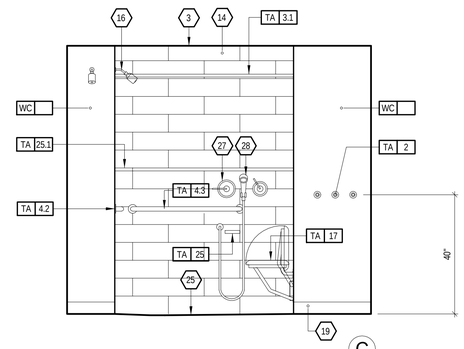
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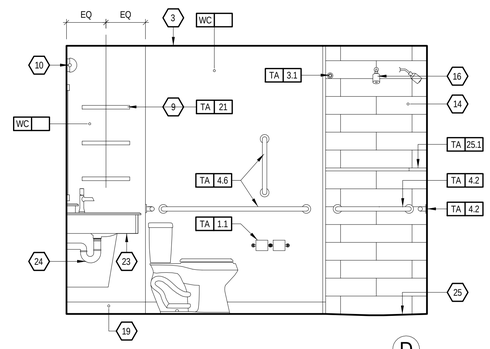


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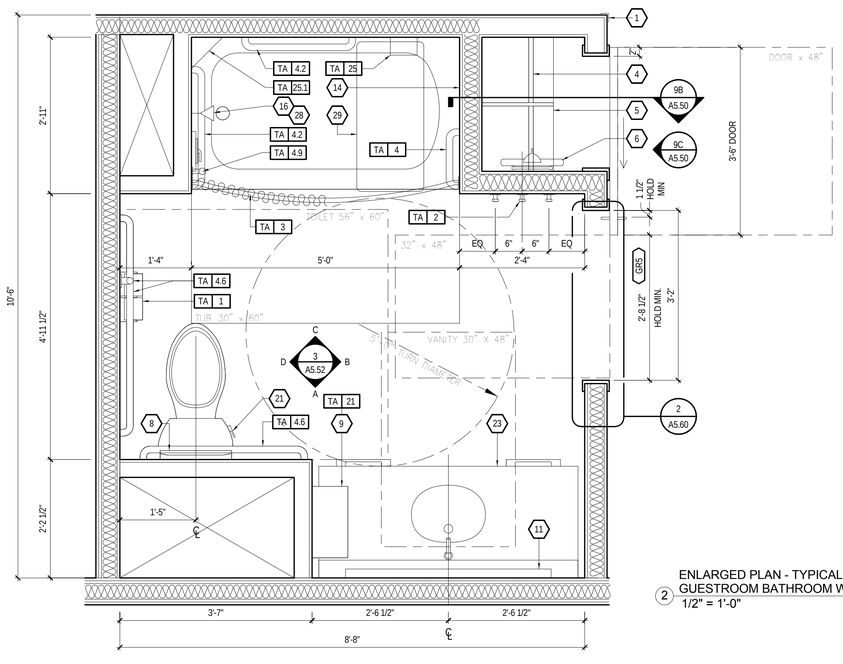
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INTERIOR ELEVATIONS - TYPICAL 12'-0"
GUESTROOM BATHROOM W/ SHOWER
3 1/2" = 1'-0"



D

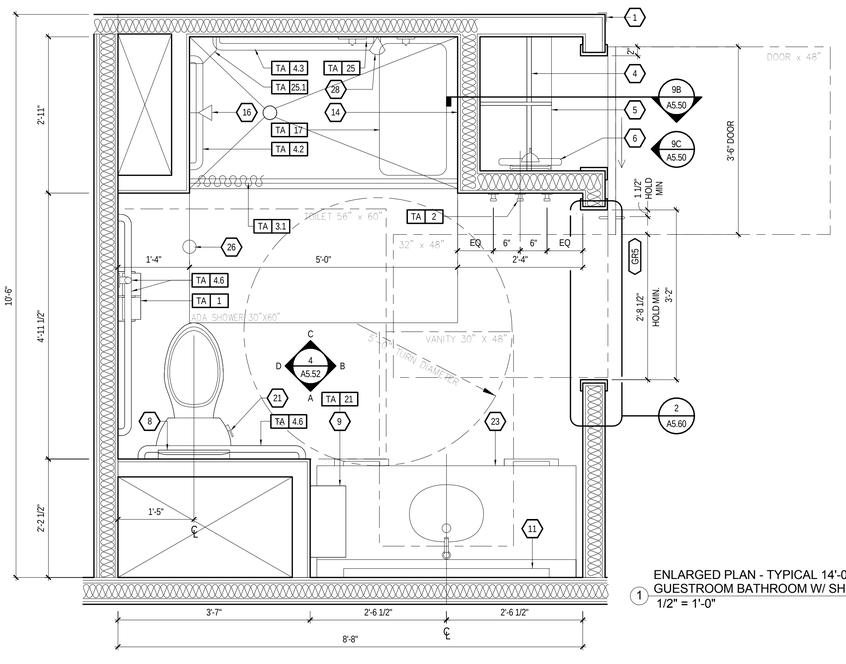
INTERIOR ELEVATIONS - TYPICAL 14'-0"
GUESTROOM BATHROOM W/ SHOWER
4 1/2" = 1'-0"



ENLARGED PLAN - TYPICAL 12'-0"
GUESTROOM BATHROOM W/ SHOWER
2 1/2" = 1'-0"

NOTE:

REFER TO SHEET A5.50 FOR RESTROOM ACCESSORY LEGEND AND ACCESSORY HTS.



ENLARGED PLAN - TYPICAL 14'-0"
GUESTROOM BATHROOM W/ SHOWER
1 1/2" = 1'-0"

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ELECTRICAL LEGEND

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
$		SWITCH
	R	REMOTE
SD	SD	HEAT/RADIANT SMOKE DETECTOR
	S	STROBE (IN C.F. ROOMS ONLY)
	H/S	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, CMFT FIRE HORNS WHEN THESE ARE USED)
	H	FIRE HORN, STANDARD ROOMS
		SIDE WALL SPRINKLER HEAD
	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
	J	JUNCTION BOX
		EXHAUST FAN
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ASHISH MISHRA REG. NO. 6458 STATE OF COLORADO REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Bathroom Plans and Elevations

Phase
Construction Documents

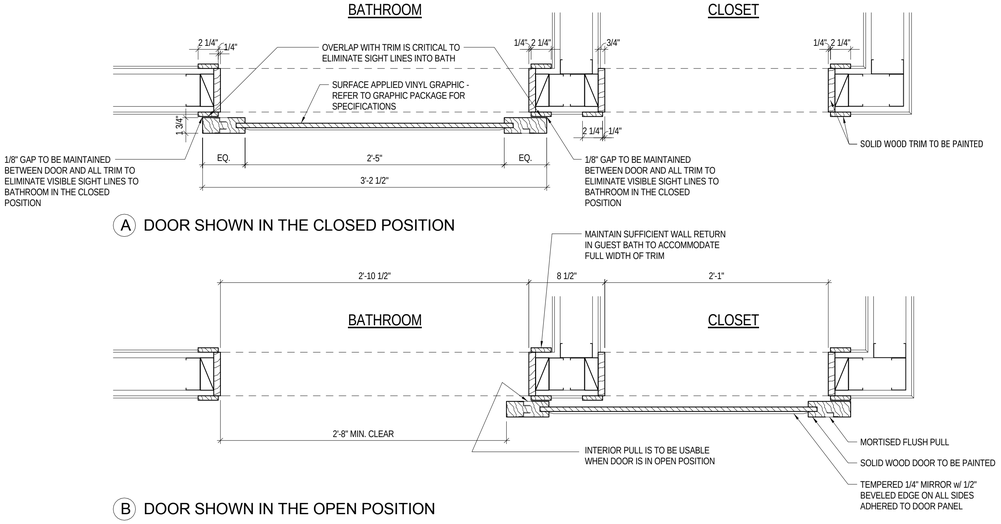
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Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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Hampton Inn and Suites

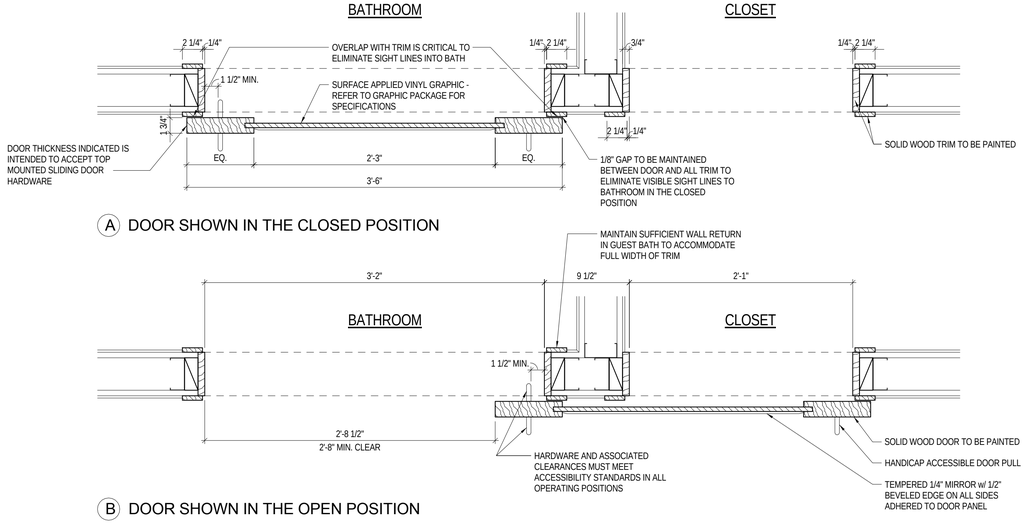
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A DOOR SHOWN IN THE CLOSED POSITION

B DOOR SHOWN IN THE OPEN POSITION

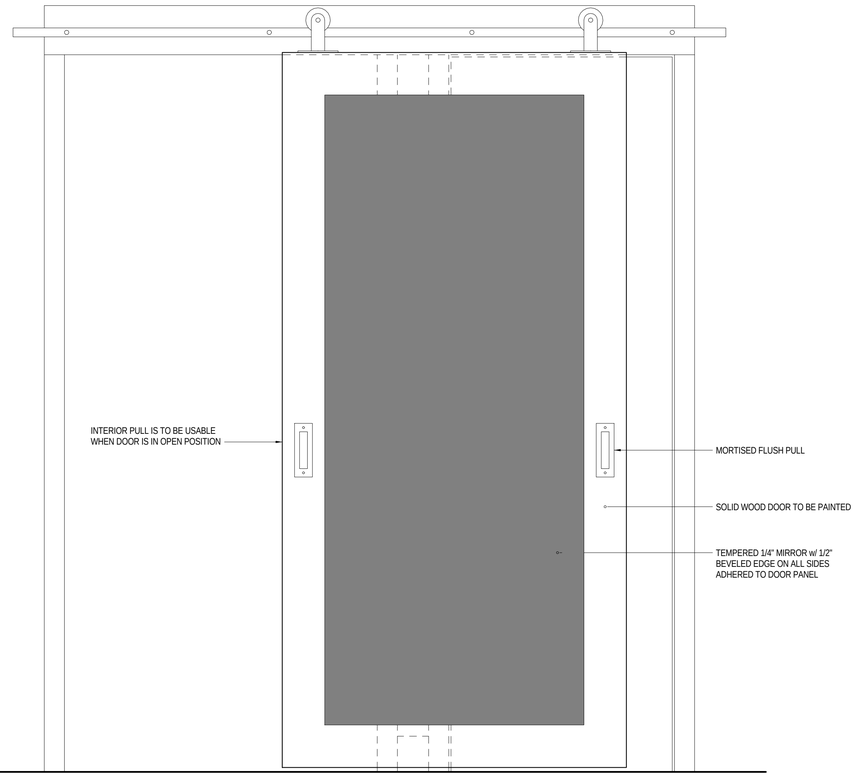
1 A560-1-DETAIL - GUESTROOM BATHROOM SLIDING DOOR
1 1/2" = 1'-0"



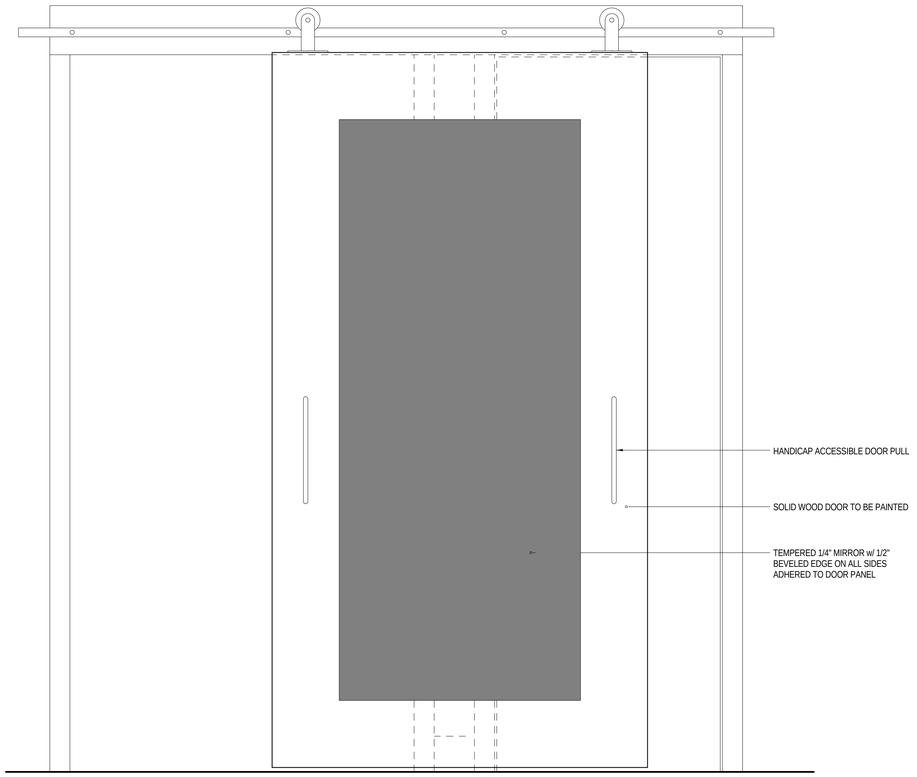
A DOOR SHOWN IN THE CLOSED POSITION

B DOOR SHOWN IN THE OPEN POSITION

2 A560-2-DETAIL - GUESTROOM BATHROOM SLIDING DOOR
1 1/2" = 1'-0"



3 A560-3-DETAIL ELEVATION - GUESTROOM BATHROOM SLIDING DOOR
1 1/2" = 1'-0"



4 A560-4-DETAIL ELEVATION - ACCESSIBLE GUESTROOM BATHROOM SLIDING DOOR
1 1/2" = 1'-0"

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KEYNOTES

1. FULL HEIGHT CORNER GUARD, NO EXPOSED FASTENERS, COLOR TO COORDINATE WITH WALL
2. CASED OPENING - PAINTED
3. MOISTURE RESISTANT GYP. BD. (TYP.)
4. CLOSET ROD TUBING # 770-1 CHR, FLANGE #735 CHR, MFG BY KNAPE AND VOGT (616-459-3311 / KNAPEANDVOGT.COM); MOUNT AT 66" A.F.F. IN TYP. GUESTROOM. AT ACCESSIBLE GUESTROOMS PROVIDE HALF THE CLOSET ROD LENGTH AT 44" A.F.F. -PROVIDE ACCESSIBLE TUBING ON MOST ACCESSIBLE SIDE OF CLOSET
5. TYP. GUESTROOM CLOSET WOOD SHELF W/ HARDWOOD EDGE @ 68" A.F.F., IN ACCESSIBLE GUESTROOMS WITH MOBILITY FEATURES, PROVIDE HALF THE CLOSET SHELF @ 48" A.F.F -PROVIDE ACCESSIBLE HANG ROD ON MOST ACCESSIBLE SIDE OF CLOSET - REFER TO CLOSET DETAIL
6. IRONING BOARD
7. NOT USED
8. ARTWORK
9. FLOATING TOWEL SHELVES (TA-21) - REFER TO DETAIL 7 / A7.02
10. WALL MOUNTED LIGHT FIXTURE
11. FRAMED MIRROR
12. TYPICAL GUEST VANITY - REFER TO GUEST ROOM DRAWINGS FOR GUEST ROOM FURNITURE SPECIFICATIONS
13. APPROVED SHOWER PAN - REFER TO HAMPTON STANDARD
14. APPROVED SHOWER SURROUND - REFER TO HAMPTON STANDARDS
15. CONTROL VALVE
16. SHOWER HEAD, ROUGH IN HEIGHT BETWEEN 6'-10" AND 7'-0" ABOVE FINISH
17. SLIDING GLASS SHOWER DOOR - CUSTOM HEIGHT
18. SHOWER BAR / DRAWER PULL TO BE USED AS SECONDARY TOWEL HOLDER
19. VINYL BASE
20. BATHTUB - REFER TO HAMPTON STANDARDS
21. FLUSH LEVER MUST BE POSITIONED ON OPEN SIDE OF WATER CLOSET AS SHOWN
22. MIRROR COMPLIANT WITH ACCESSIBILITY REQS. MOUNT BOTTOM OF GLASS AT 40" MAX. AFF
23. TYPICAL ACCESSIBLE GUEST VANITY - REFER TO GUEST ROOM DRAWINGS FOR GUEST ROOM FURNITURE SPECIFICATIONS
24. PROTECT PIPES PER ACCESSIBILITY REQUIREMENTS
25. ACCESSIBLE SHOWER FLOOR NOT TO EXCEED 1:48 IN ANY DIRECTION
26. PROVIDE INSULATED FLOOR DRAIN IN THIS LOCATION FOR GUEST BATHS EQUIPPED WITH A ROLL-IN SHOWER DRAIN WITH 12" DIA. DISH. FLOOR SLOPE NOT TO EXCEED 1:48 IN ANY DIRECTION. PROVIDE TRAP PRIMER - COMPLY ALSO WITH LOCAL CODE WHERE APPLICABLE
27. CONTROL VALVE LOCATION FOR ACCESSIBLE ROOMS WITH MOBILITY FEATURES
28. ACCESSIBLE ADJUSTABLE SHOWER HEAD FOR ACCESSIBLE ROOMS WITH MOBILITY FEATURES - REFER TO HAMPTON STANDARDS
29. PADDED REMOVABLE ACCESSIBLE TUB SEAT - TO BE 15"-16" DEEP AND AT 17"-19" ABOVE FINISHED FLOOR WHEN IN USE
30. ACCESSIBLE BATH TUB
31. REFER TO TYPICAL BATH TUB DRAWING - 2 / A5.53
32. PROVIDE ADDITIONAL TOWEL HOOK WITH TUB OPTION

ELECTRICAL LEGEND

PLAN:	ELEV:	
		DUPLEX OUTLET
		QUADPLEX OUTLET
		GFI OUTLET
		TELEPHONE OUTLET
TV	TV	TV OUTLET
$	S	SWITCH
	T	REMOTE THERMOSTAT
SD	SD	SMOKE DETECTOR
	S	STROBE (IN C.F. ROOMS ONLY)
	HS	FIRE HORN/STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THESE ARE USED)
	H	FIRE HORN, STANDARD ROOMS
		SIDE WALL SPRINKLER HEAD
DB	D	DOORBELL LIGHT (C.F. ROOMS ONLY)
		HSIA (WIRED WHERE APPLICABLE)
J	J	JUNCTION BOX
	EXH	EXHAUST FAN
		LIGHT AT CEILING
		DOORBELL-MOUNT AT 48" AFF TO CENTER OF BUTTON (C.F. ROOMS ONLY)

!ALERT!

VISUAL ALARMS TO BE FULLY VISIBLE FROM ALL AREAS OF ROOM

GENERAL NOTES

1. AT ADJACENT ROOMS, ELECTRICAL OUTLET LOCATIONS, INCLUDING TV AND TELEPHONE OUTLETS, SHALL BE OFFSET 6" FOR INSTALLATION. BACK TO BACK OUTLETS ARE NOT ALLOWED. ELECTRICAL CORDS SHOULD BE HIDDEN FROM VIEW. REFER TO OUTLET DETAIL.
2. LIGHT SWITCH AND G.F.I. OUTLETS CAN BE MOUNTED IN A COMMON 4x4 BOX WITH COVER PLATE. COORDINATE CLEARANCES AS REQUIRED.
3. THE HEIGHT OF ALL SWITCHES, OUTLETS, ETC., TO MEET ACCESSIBILITY STANDARDS AT A MINIMUM AND/OR LOCAL CODE REQUIREMENTS, WHICHEVER IS STRICTER. SWITCHES ON LAMPS MUST BE TOGGLE TYPE.
4. ELECTRICAL OUTLETS AT DESKS ARE TO BE COORDINATED WITH HAMPTON STANDARDS, DEPENDING ON FREE PROVIDED, CERTAIN OUTLETS MAY NOT BE REQUIRED.
5. CEILING MOUNTED LIGHT FIXTURE AND FAN AT ALL GUEST ROOM BATHS TO BE SWITCHED SEPARATELY FROM LIGHT.
6. SLOPE FLOORS TO DRAIN. SLOPE NOT TO EXCEED 1:48 IN ANY DIRECTION
7. ANY LIGHT FIXTURES OVER WET AREAS TO BE DAMP LOCATION RATED W/ SHATTERPROOF LENS.
8. COORDINATE BATH DOOR SWING WITH MOUNTING LOCATION OF CURVED SHOWER ROD AND STYLE OF DOOR STOP.
9. ROLL IN SHOWER COMPARTMENTS ARE REQUIRED IN A MINIMUM NUMBER OF ACCESSIBLE ROOMS PER ACCESSIBILITY REQUIREMENTS.
10. ALL WALLS IN BATH SHALL BE MOISTURE RESISTANT GYPSUM BOARD. CEILING AT BATH SHALL BE EXTERIOR RATED CEILING BOARD
11. WALL CONSTRUCTION SHOWN FOR REFERENCE ONLY. DESIGNERS OF RECORD SHALL DETERMINE WALL CONSTRUCTION, STRUCTURES, METHOD OF STC COMPLIANCE, ETC.
12. REFER TO GUEST BATH ACCESSORY LEGEND--REFER TO HAMPTONSTANDARDS FOR SPECIFIC REQUIREMENTS
13. ACCESSIBLE CLEARANCES INDICATED IN THESE DRAWINGS ARE FOR DESIGN INTENT ONLY. DESIGNER OF RECORD SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS PER LOCAL AND NATIONAL CODES.
14. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS.

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REVISIONS		
No.	Date	Description

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ASHISH MISHRA REG. NO. 6452 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Bathroom Details

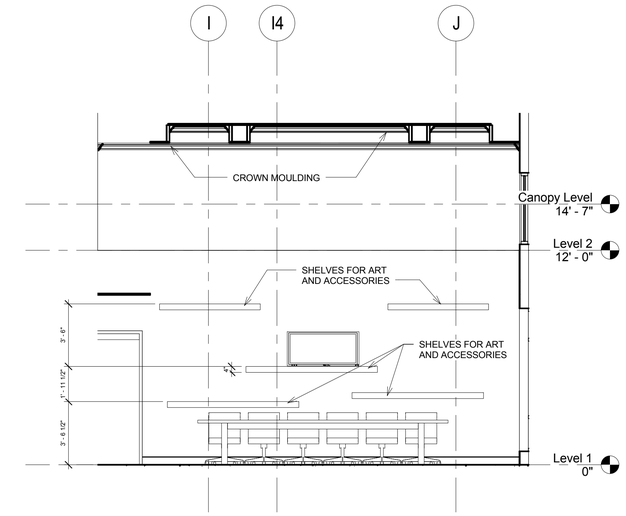
Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

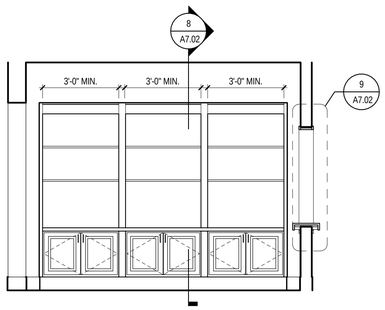
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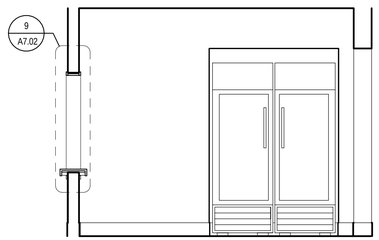
Hampton Inn and Suites



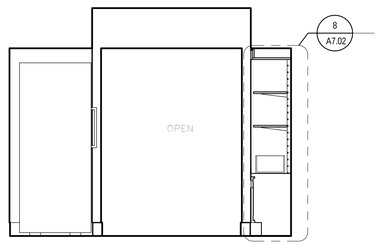
1 Elevation Lobby Wall
1/4" = 1'-0"



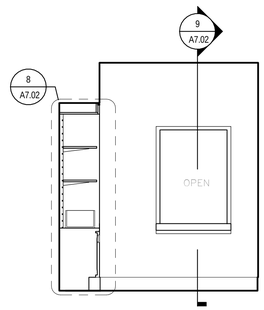
9 ELEVATION
3/8" = 1'-0"



10 ELEVATION
3/8" = 1'-0"



4 ELEVATION
3/8" = 1'-0"



5 ELEVATION
3/8" = 1'-0"

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ASHISH MISHRA
REG. NO. 9828
STATE OF LOUISIANA
REGISTERED ARCHITECT
9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Interior Elevations

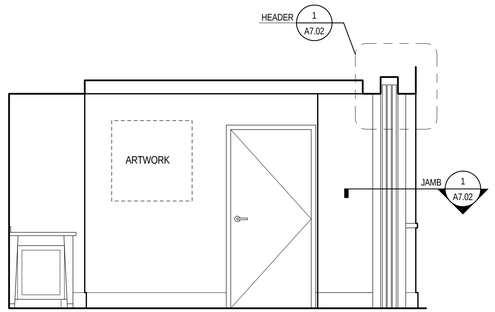
Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

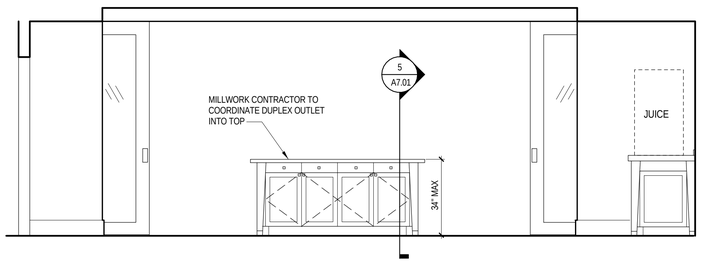
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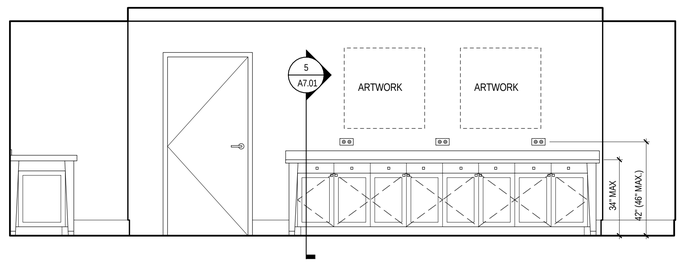
Hampton Inn and Suites



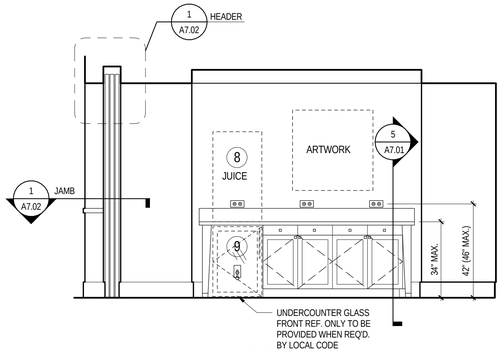
5 ELEVATION
3/8" = 1'-0"



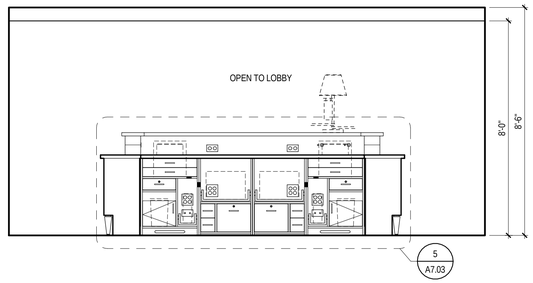
6 ELEVATION
3/8" = 1'-0"



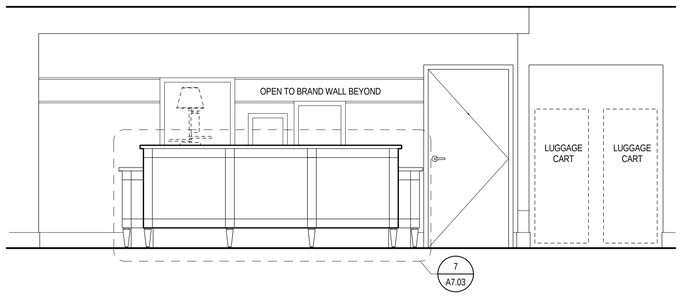
7 ELEVATION
3/8" = 1'-0"



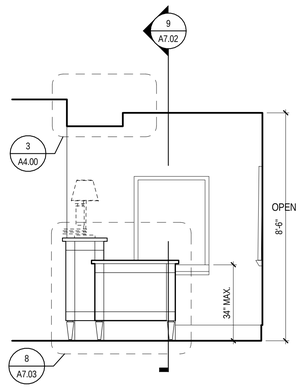
8 ELEVATION
3/8" = 1'-0"



12 ELEVATION
3/8" = 1'-0"



13 ELEVATION
3/8" = 1'-0"



14 ELEVATION
3/8" = 1'-0"

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ASHISH MISHRA
REG. NO. 6428
STATE OF LOUISIANA
REGISTERED ARCHITECT
4/14/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Interior Elevations

Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

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Hampton Inn and Suites

Room Schedule

Number	Name	Floor Finish	Wall Finish	Base Finish	Ceiling Finish	Ceiling Height
101	Stairs #2	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	
102	Vestibule	Tile	Gyp. Bd. w/ V.W.C.	Tile	ACT	9' - 0"
103	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8' - 6"
104	Hearing Impaired King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/9'-0"
105	Vending	Tile	Gyp. Bd. w/ V.W.C.	Tile	ACT II	9' - 0"
106	Acc. Rollin King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8' - 6"
107	Guest Laundry	Tile	Ptd. Gyp. Bd.	Tile	ACT II	9' - 0"
108	Pool	Tile	Tile	Tile	Ptd. Gyp. Bd.	8'-6"/9'-6"
109	Corridor	Carpet	Gyp. Bd. w/ V.W.C.	Carpet	G.B./ACT	8'-0"/8'-6"
110	Pool Deck	Tile	Ptd. Gyp. Bd. w/ Tile		Ptd. Gyp. Bd.	8'-6"/9'-6"
111	Outdoor Pool Deck					
112	Pool Vestibule	Tile	Ptd. Gyp. Bd.	Tile	ACT II	9' - 0"
113	Fitness	Carpet	Ptd. Gyp. Bd.	Vinyl	ACT	9' - 0"
114	Meeting Room	Carpet	Gyp. Bd. w/ V.W.C.	Wood	G.B./ACT	8'-6"/9'-6"
115	Closet	Carpet	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8' - 0"
116	Vestibule	Tile	Gyp. Bd. w/ V.W.C.	Tile	ACT II	9' - 0"
117	Unisex	Tile	Ptd. Gyp. Bd. w/ Tile	Tile	ACT II	8' - 0"
118	Pool Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
119	Linen Storage	Tile	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
120	Breakroom	Tile	Ptd. Gyp. Bd.	Vinyl	ACT	9' - 0"
121	Unisex	Tile	Ptd. Gyp. Bd. w/ Tile	Tile	ACT II	8' - 0"
122	Mech.	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
123	Electrical	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
124	Dryer	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
125	Laundry	Tile	Ptd. Gyp. Bd.	Tile	ACT II	9' - 0"
126	Washer	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	ACT II	9' - 0"
127	Elevator Equip	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
128	Janitor	Tile	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
129	Meeting Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
130	Mech	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
131	Womens	Tile	Gyp. Bd. w/ V.W.C.	Tile	ACT II	9' - 0"
132	Vestibule	Tile	Gyp. Bd. w/ V.W.C.	Tile	ACT	9' - 0"
133	Mens	Tile	Gyp. Bd. w/ V.W.C.	Tile	ACT II	9' - 0"
134	Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
135	Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
136	MPBX	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	ACT	9' - 0"
137	Mech.	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
138	Elevators					
139	Elevator Lobby	Tile	Gyp. Bd. w/ V.W.C.	Wood	G.B./ACT	8'-0"/9'-0"
140	Water Heaters	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
141	Office	Carpet	Gyp. Bd. w/ V.W.C.	Wood	ACT	9' - 0"
142	Manager	Carpet	Gyp. Bd. w/ V.W.C.	Wood	ACT	9' - 0"
143	Business Center	Carpet	Gyp. Bd. w/ V.W.C.	Wood	ACT	9' - 0"
144	Sales	Carpet	Gyp. Bd. w/ V.W.C.	Wood	ACT	8' - 0"
145	Suite Shop	Tile	Gyp. Bd. w/ V.W.C.	Wood	G.B./ACT	9' - 0"
146	Work Area	Carpet	Gyp. Bd. w/ V.W.C.	Wood	ACT	9' - 0"
147	Mech.	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
148	Computer/PBX	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	ACT	9' - 0"
149	Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
150	Front Desk	Carpet	Gyp. Bd. w/ V.W.C.	Wood	ACT	8' - 0"
151	Closet	Carpet	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
152	Carts	Tile	Gyp. Bd. w/ V.W.C.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
153	Stairs #1	Sealed Conc.	Painted CMU	Vinyl	Textured	
154	Mech	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
155	Maintenance	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
156	Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	9' - 0"
157	Food Prep	Tile	Ptd. Gyp. Bd.	Vinyl	ACT	9' - 0"
158	Pantry	Tile	Gyp. Bd. w/ V.W.C.	Vinyl	ACT	9' - 0"
159	Breakfast Area	Tile	Gyp. Bd. w/ V.W.C.	Wood	Ptd. Gyp. Bd.	18'-0"/19'-0"
160	Main Lobby	Tile	Gyp. Bd. w/ V.W.C.	Wood	ACT	8' - 6"
161	Entrance Canopy	Stamped Concrete			Ptd. Gyp. Bd.	14'-6"/15'-6"

Room Schedule

Number	Name	Floor Finish	Wall Finish	Base Finish	Ceiling Finish	Ceiling Height
162	Vestibule	Tile	Ptd. Gyp. Bd.	Tile	Ptd. Gyp. Bd.	8' - 0"
163	Storage Room	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	8' - 0"
164	Pool Equip.	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8'-6"
201	Stairs #2	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	
202	Linen Storage	Tile	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8' - 0"
203	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
204	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
205	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
206	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
207	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
208	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
209	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
210	Hearing Impaired King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
211	Hearing Impaired King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
212	King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
213	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
214	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
215	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
216	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
217	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
218	Hearing Impaired Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
219	Chute	Sealed Conc.			Ptd. Gyp. Bd.	
220	Acc. Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
221	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
222	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
223	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
224	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
225	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
226	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
227	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
227	Stairs #1	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	
229	Hearing Impaired King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
231	Chute Room	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8' - 6"
232	Double Height Lobby				Ptd. Gyp. Bd.	
233	Guestroom Corridor	Carpet	Gyp. Bd. w/ V.W.C.		G.B./ACT	8'-0"/8'-6"
234	Vending	Tile	Ptd. Gyp. Bd.	Tile	Ptd. Gyp. Bd.	8' - 6"
235	Elevator					
236	Elevator Lobby	Tile	Gyp. Bd. w/ V.W.C.	Wood	G.B./ACT	8'-0"/8'-6"
238	Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8' - 6"
301	Stairs #2	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	
302	Linen Storage	Tile	Ptd. Gyp. Bd.	Vinyl		
303	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
304	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
305	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
306	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
307	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
308	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
309	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
310	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
311	Hearing Impaired King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
312	Hearing Impaired King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
313	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
314	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
315	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
316	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"

Room Schedule

Number	Name	Floor Finish	Wall Finish	Base Finish	Ceiling Finish	Ceiling Height
317	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
318	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
319	Chute	Sealed Conc.				
320	Accessible Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
321	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
322	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
323	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
324	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
325	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
326	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
327	Hearing Impaired Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
328	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
329	King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
330	Accessible King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
331	Chute Room	Sealed Conc.				
332	King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
333	Guestroom Corridor	Carpet			G.B./ACT	8'-0"/8'-6"
334	Vending	Tile	Ptd. Gyp. Bd.	Tile	Ptd. Gyp. Bd.	8' - 6"
335	Elevator					
336	Elevator Lobby	Tile	Gyp. Bd. w/ V.W.C.	Wood	G.B./ACT	8'-0"/8'-6"
337	Stairs #1	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	
338	Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8' - 6"
401	Stairs #2	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	
402	Linen Storage	Tile	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8'-0"/8'-6"
403	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
404	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
405	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
406	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
407	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
408	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
409	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
410	King Studio	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
411	King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
412	King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
413	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
414	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
415	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
416	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"
417	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
418	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
419	Chute	Sealed Conc.				
420	Accessible Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
421	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
422	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
423	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
424	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
425	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
426	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
427	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
428	Double Queen	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
429	King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
430	Accessible King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8'-0"/8'-6"
431	Chute Room	Sealed Conc.			Ptd. Gyp. Bd.	8' - 6"
432	King	Tile/Carpet	Ptd. Gyp. Bd.	Carpet	Textured Gyp. Bd.	8' - 6"
433	Guestroom Corridor	Carpet	Gyp. Bd. w/ V.W.C.	Carpet	G.B./ACT	8'-0"/8'-6"
434	Vending	Tile	Ptd. Gyp. Bd.	Tile	ACT II	8' - 6"
435	Elevator					
436	Elevator Lobby	Tile	VWC	Wood	G.B./ACT	8'-0"/8'-6"
437	Stairs #1	Sealed Conc.	Painted CMU	Vinyl	Ptd. Gyp. Bd.	
438	Storage	Sealed Conc.	Ptd. Gyp. Bd.	Vinyl	Ptd. Gyp. Bd.	8' - 6"

FINISH LEGEND:

1. ALL GUEST ROOM TOILETS TO HAVE VINYL WALL COVERING ON GYPSUM BOARD

2. MOLDINGS AS MANUFACTURED BY SPECTRUM SHOULD BE USED FOR EASY MAINTENANCE INSTEAD OF REAL STAINED WOOD.

3. CARPET IS RECOMMENDED AT ELEVATOR LOBBY. HARD SURFACES SUCH AS TILE TRANSMIT SOUND MORE EASILY.

4. CEILING HEIGHT IN GUEST ROOM TOILETS IS 8'-0" A.F.F.

5. KNOCK-DOWN WALL FINISH EQUAL TO PEXTURE BY TRIACH INDUSTRIES, IS ACCEPTABLE IN LIEU OF VINYL WALL COVERING. CLOSETS MAY BE PAINTED TO MATCH PLEXTURE.

6. ALL WET AREAS, INCLUDING GUEST BATHROOMS, POOL WILL HAVE TILE WITH A MINIMUM SLIP RESISTANCE OF 0.60 ON THE ASTM C-1028 TEST WET AND DRY.

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REVISIONS

No.	Date	Description
1	12/3/13	Hilton review

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ASHISH MISHRA REG. NO. 6456 STATE OF LOUISIANA REGISTERED ARCHITECT 9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Room Schedule

Phase
Construction Documents

Project No. 12-111
Prepared by Author
Checked by Checker
Date Sept. 16, 2013

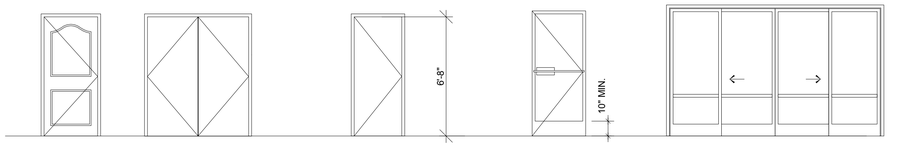
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Hampton Inn and Suites

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Door Schedule											
Mark	Width	Height	Door Material	Thickness	Door Types	Frame Material	Head	Jamb	Frame Type	Fire Rating	Comments
		6' - 8"	TOILET	1 3/4"							AS PER MANUFACTURER'S SPECS.
100	5' - 0"	8' - 0"		2"							METAL W/ PRIVACY PANEL
102	3' - 0"	7' - 0"	ALUM.		L	ALUM.	H4	J4	L		PANIC/CARD KEY
105	3' - 0"	6' - 8"	WOOD	1 3/4"	K	H.M.	H1	J1	K	20 MINS.	
107	3' - 0"	6' - 8"	WOOD	1 3/4"	K	H.M.	H1	J1	K	20 MINS.	
109	3' - 0"	6' - 8"	ALUM.		L	ALUM.	H1	J1	L	20 MINS.	
110A	3' - 0"	7' - 0"	ALUM.		L	ALUM.	H1	J1	L		
110B	3' - 0"	7' - 0"	ALUM.		D	ALUM.	H4	J4	D		PANIC/CARD KEY
112	3' - 0"	7' - 0"	ALUM.		L	ALUM.	H1	J1	L		
113	3' - 0"	6' - 8"	WOOD	1 3/4"	K	H.M.	H1	J1	K	20 MINS.	CARD KEY AND CLOSURE
114A	3' - 0"	6' - 8"	WOOD	1 3/4"	K	H.M.	H1	J1	K	20 MINS.	
114B	3' - 0"	6' - 8"	WOOD	1 3/4"	K	H.M.	H1	J1	K	20 MINS.	
114C	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
114D	3' - 0"	6' - 8"	ALUM.		D	ALUM.	H4	J4	D		PANIC/CARD KEY
117	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		PRIVACY LOCK
118	4' - 0"	6' - 8"		1 3/4"						20 MINS.	
119	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
120	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
121	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		PRIVACY LOCK
122	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	90 MINS.	LOCKSET
123	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	LOCKSET
124	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
125	4' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	
127	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	45 MINS.	
128	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
129	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		LOCKSET
130	3' - 0"	6' - 8"	H.M.	1 3/4"	C	H.M.	H4	J4	C		LOCKSET
131	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H-1	J-1	C	20 MINS.	
133	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H-1	J-1	C	20 MINS.	
134	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		LOCKSET
136	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	
137	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	90 MINS.	
139	3' - 0"	7' - 0"	ALUM.		L	ALUM.	H4	J4	L		PANIC/CARD KEY
140	4' - 0"	6' - 8"	H.M.	1 3/4"	C	H.M.	H4	J4	C		LOCKSET
141	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	
142	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
143	3' - 0"	6' - 8"	ALUM.		L	ALUM.	H1	J1	L	20 MINS.	
144	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	
145	3' - 0"	6' - 8"	WOOD	1 3/4"	C	ALUM.	H1	J1	C	20 MINS.	ELECTRONIC LOCKSET
146	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	ELECTRONIC LOCKSET
147	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	90 MINS.	
148	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
149	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
151	2' - 6"	6' - 8"		1 3/4"							
154	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	90 MINS.	
155	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
156	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	
157	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	
158	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	LOCKSET
159	12' - 0"	7' - 0"		2"						20 MINS.	8X3' WIDE PANEL SLIDING
162A	12' - 0"	7' - 6"	ALUM.		E	ALUM.			E		PANIC/CARD KEY
162B	12' - 0"	7' - 6"	ALUM.		E	ALUM.			E		PANIC/CARD KEY
163	5' - 0"	6' - 8"	H.M.	1 3/4"	G	H.M.	H4	J4	G		LOCKSET
164	4' - 0"	6' - 8"		1 3/4"						20 MINS.	
202	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	LOCKSET
231	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	90 MINS.	
238	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	LOCKSET
302	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	LOCKSET
331	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	90 MINS.	
338	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	LOCKSET
402	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	
431	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	90 MINS.	
438	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C	20 MINS.	LOCKSET
501	3' - 0"	6' - 8"	H.M.	1 3/4"	C	H.M.	H4	J4	C		LOCKSET
A	3' - 0"	6' - 8"	WOOD	1 3/4"	A	H.M.	H1	J1	A	20 MINS.	
B	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		PRIVACY LOCK
C	3' - 0"	6' - 8"	WOOD	1 3/4"	C	H.M.	H1	J1	C		
D											
E	4' - 0"	6' - 8"		2"							
E11	3' - 0"	6' - 8"		1 3/4"						90 MINS.	
E11A	3' - 0"	6' - 8"		1 3/4"						20 MINS.	
E21	3' - 0"	6' - 8"	WOOD	1 3/4"	F	H.M.	H3	J3	F	90 MINS.	
E21A	3' - 0"	6' - 8"	H.M.	1 3/4"	C	H.M.	H4	J4	C	20 MINS.	



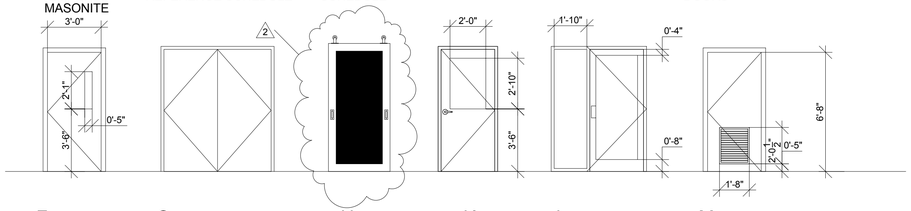
A
2 PANEL WIDE STILE TEMPERED MASONITE

B
DOUBLE SOLID CORE WOOD PREFINISHED, STAIN OR PAINTED, REFERENCE SCHEDULE

C
SOLID CORE WOOD PREFINISHED STAIN OR PAINTED - REFERENCE SCHEDULE

D
SINGLE ALUMINUM STOREFRONT

E
CENTER OPENING AUTOMATIC SLIDING ALUMINUM DOORS



F
HOLLOW METAL PAINTED W/ VISION LITE W/ WIRE GLASS

G
DOUBLE HOLLOW METAL - PAINTED

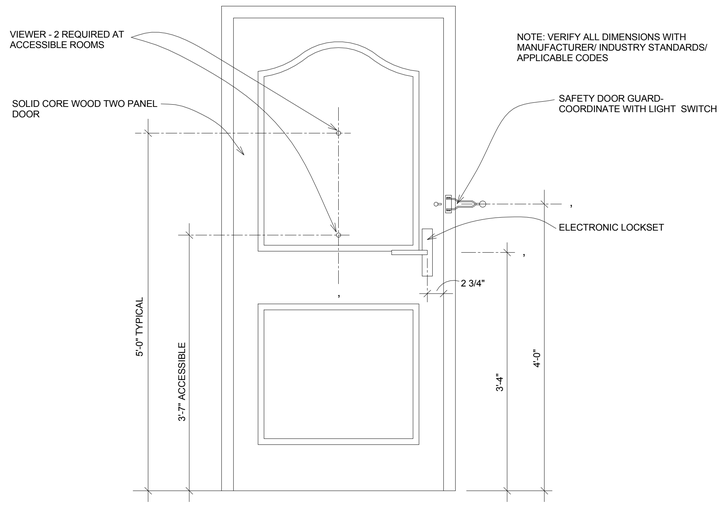
H
SLIDING STILE AND RAIL WOOD DOOR

K
SWING DOOR HALF LITE

L
SINGLE ALUMINUM STOREFRONT W/ SIDE LITE

M
PREFINISHED HOLLOW METAL W/ LOUVERS & INSECT SCREEN

1 Door Types
1/4" = 1'-0"



2 Elevation @ Guest Room Entry Door
12" = 1'-0"

NOTES:

1. DOOR FINISHES ARE STAIN GRADE OAK, PLASTIC LAMINATE, PAINTED OR PREFINISHED.
2. GLASS COLOR OF ENTRANCE DOORS AND ALUMINUM STOREFRONTS TO BE SELECTED BASED ON THE EXTERIOR SCHEME THAT IS USED.
3. PROVIDE REMOTE CARD READERS AT ALL EXTERIOR ENTRANCE DOORS, INCLUDING MAIN ENTRY, AND AT EXERCISE ROOM, INDOOR POOL (IF PROVIDED), GUEST LAUNDRY (IF PROVIDED), AND RECOMMENDED AT LINEN STORAGE ROOMS.
4. PROVIDE GLASS SIDELIGHT OR GLASS VISION LITE.
5. AUTOMATIC SLIDING DOORS SHALL BE PROVIDED AT THE LOBBY ENTRANCE. SINGLE SLIDERS ARE NOT ALLOWED.
6. ALL DOOR RATING REQUIREMENTS SHALL BE VERIFIED WITH THE LOCAL JURISDICTION.

GLAZING LEGEND:

"I" INSULATING 5/8" GLASS

T1 TEMPERED INSULATED 1/4" GLASS

CT CLEAR TEMPERED 1/4" GLASS

HARDWARE SCHEDULE

SET #1
A CORRIDOR TO GUEST BEDROOM
3 EA. SPRING HINGES
1 EA. CARD READER
1 EA. DOOR GUARD
1 EA. ONE WAY VIEWER
1 EA. CUSHION AND SEAL 3'-0"X7'-0"

SET#2
B BEDROOM TO BATH
1.5 PAIR HINGES
1 EA. PRIVACY SET
1 EA. WALL STOP

SET #3
D BEDROOM TO CLOSET
MIRROR DOORS

SET #4
C BEDROOM TO BEDROOM
2 EA. SPRING HINGES
1 EA. HINGE
2 EA. CONNECTING LATCHES
2 EA. DEAD BOLTS
2 EA. DOOR GASKETING
2 EA. DOOR GUARDS
2 EA. WALL STOPS
2 EA. DOOR SWEEPS

SET #5
163A VESTIBULE
163B VESTIBULE FROM ENTRANCE LOBBY
1 EA. REMOTE CARD READER
1 EA. INTERCOM AND VESTIBULE DOOR
BALANCE OF HARDWARE BY DOOR SUPPLIER

SET #6
EXTERIOR FROM VESTIBULE & EXTERIOR
109
ALL HARDWARE BY DOOR SUPPLIER

SET #7
VESTIBULE FROM CORRIDOR & EXTERIOR
102, 110B, 114D, 139
1 EA. REMOTE CARD READER
BALANCE OF HARDWARE BY DOOR SUPPLIER

SET #8
VENDING 105
3 EA. HINGES
1 EA. PASSAGE CARD READER
1 EA. DOOR CLOSER
1 EA. KICK PLATE
1 EA. KICK STOP

SET #9
116, 119, 123, 128, 130, 134, 137, 147, 149, 155, 158, 202, 231, 302, 331, 402, 431, 501
3 EA. HINGES
1 EA. LOCK SET
1 EA. DOOR CLOSER
1 DOOR STOP

SET #15
114A, 114B MEETING
3 EA. HINGES
1 EA. LOCKSET
1 EA. DOOR CLOSER
1 EA. DOOR GASKETING
1 EA. KICK PLATE
1 EA. WALL STOP
1 EA. CYLINDER

SET #16
129 MEETING RM. STORAGE
6 EA. HINGES
2 EA. LOCK SET
2 EA. FLUSH BOLT
2 EA. WALL STOP

SET#17
VENDING (NOT USED)
3 EA. HINGES
1 EA. CARD REAER
1 EA. DOOR CLOSERS
1 EA. PERIMETER GASKET
1 EA. WALL STOP

SET #18
113 CORRIDOR TO FITNESS
3 EA. HINGES
1 EA. LOCKSET
1 EA. DOOR CLOSER
1 EA. PERIMETER GASKET
1 EA. WALL STOP

SET #19
125 CORRIDOR TO LAUNDRY
2 EA. SPRING HINGES
1 EA. HINGE
2 EA. CONNECTING LATCHES
2 EA. DEAD BOLTS
2 EA. DOOR GASKETING
2 EA. DOOR GUARDS
2 EA. WALL STOPS
2 EA. DOOR SWEEPS

SET #20
121 EMPLY. TOILET
3 EA. HINGES
1 EA. PRIVACY SET
1 EA. DOOR STOP

SET #21
501 STAIRS TO ROOF
6 EA. HINGES
1 EA. LOCK
2 EA. DOOR CLOSERS
2 EA. FLUSH BOLTS
2 EA. THRESHOLD
2 EA. DOOR SWEEPS
1 EA. RAIN DRIP CAP
2 EA. FLOOR STOP
1 EA. DOOR ASTRAGAL

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REVISIONS		
No.	Date	Description
2	3/11/14	Hilton update

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ASHISH MISHRA REG. NO. 31478 STATE OF LOUISIANA REGISTERED ARCHITECT 11/5/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Door & Window Schedule

Phase
Construction Documents

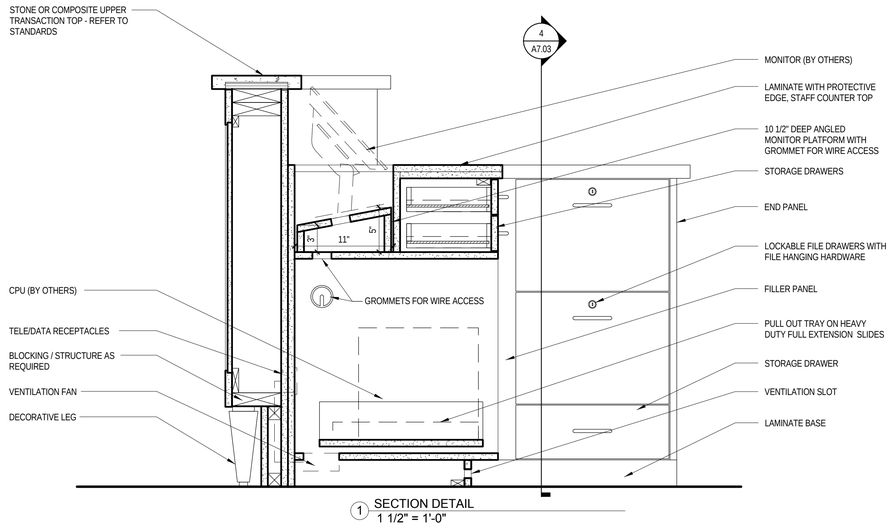
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Prepared by Author
Checked by Checker
Date Sept. 16, 2013

Sheet No. A702

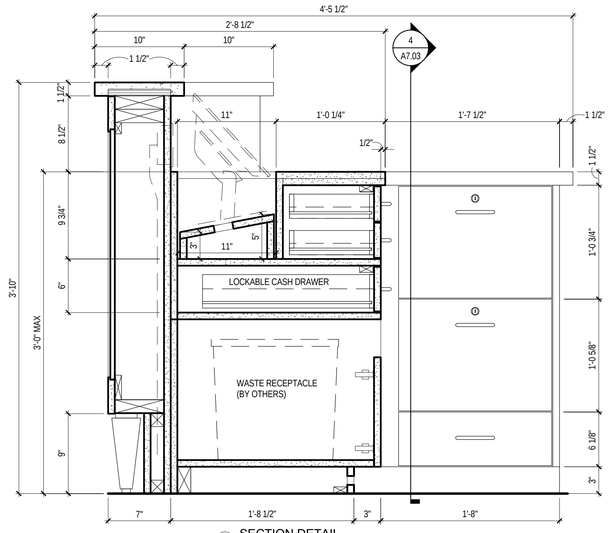
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Hampton Inn and Suites

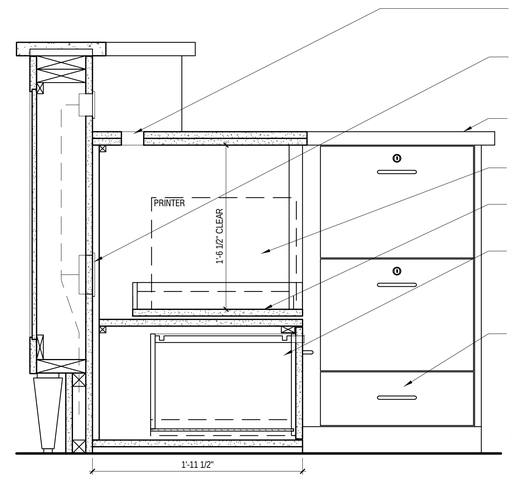
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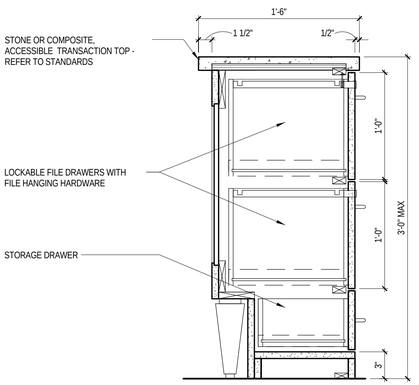
1 SECTION DETAIL
1 1/2" = 1'-0"



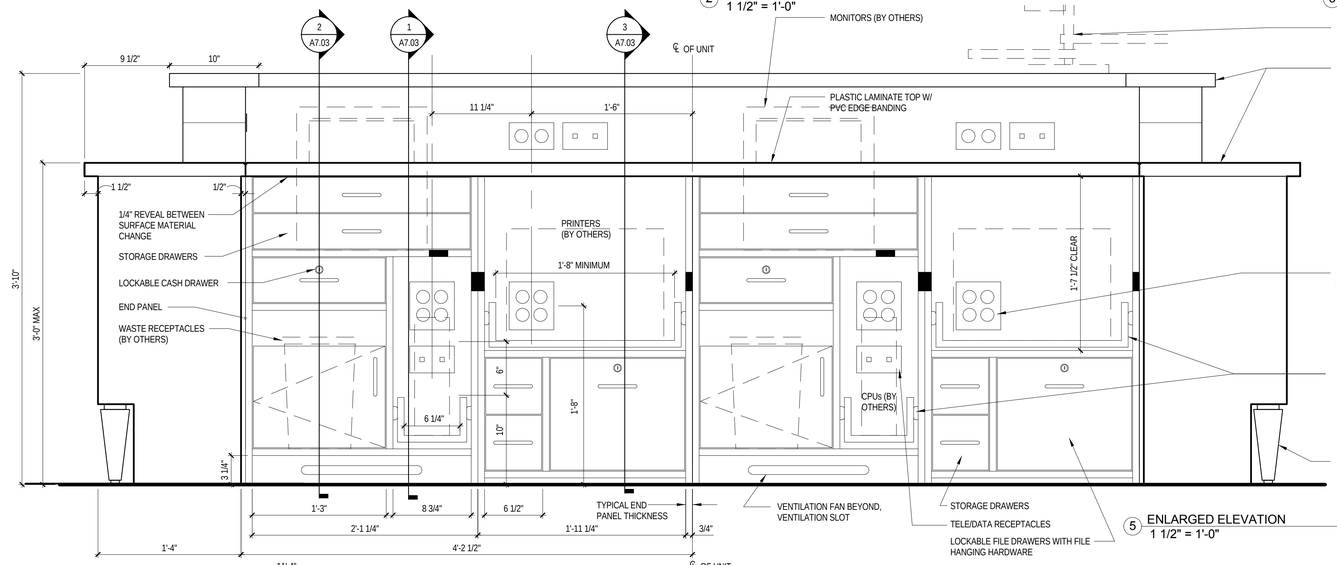
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1 1/2" = 1'-0"



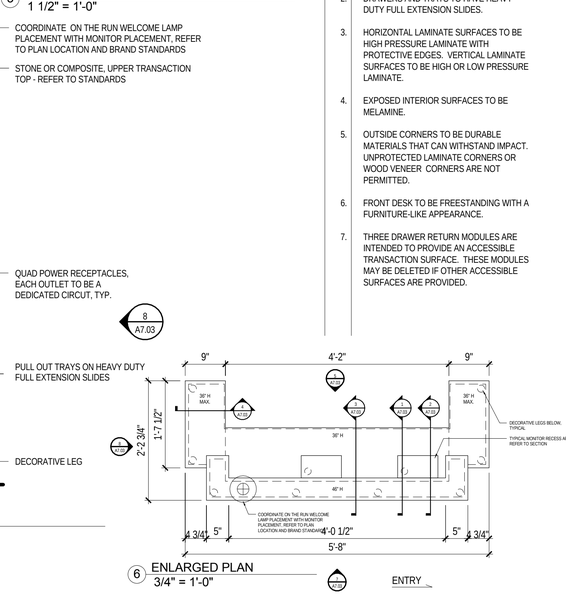
3 SECTION DETAIL
1 1/2" = 1'-0"



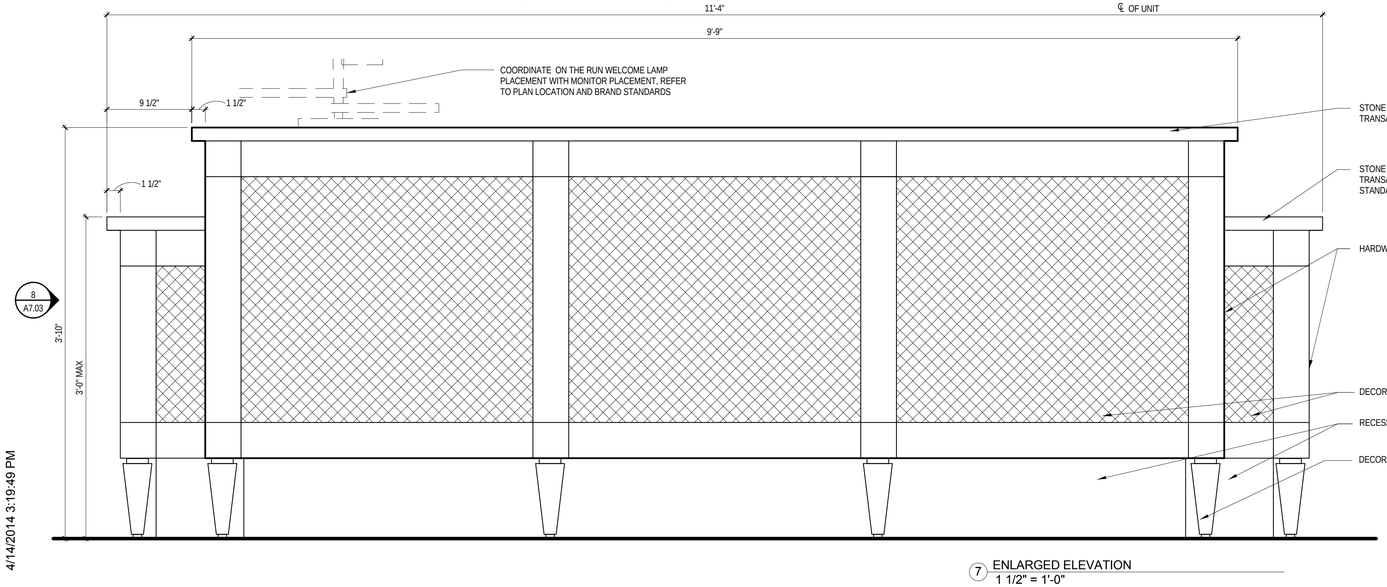
4 SECTION DETAIL
1 1/2" = 1'-0"



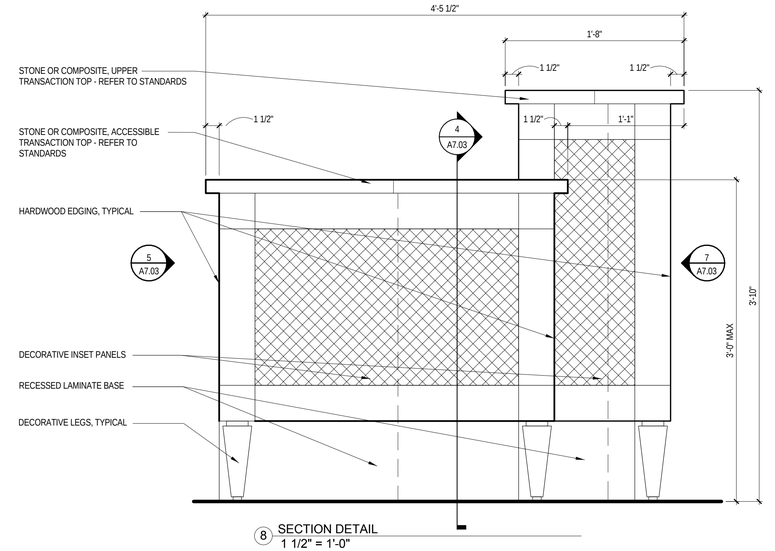
5 ENLARGED ELEVATION
1 1/2" = 1'-0"



6 ENLARGED PLAN
3/4" = 1'-0"



7 ENLARGED ELEVATION
1 1/2" = 1'-0"



8 SECTION DETAIL
1 1/2" = 1'-0"

GENERAL NOTES:

1. DRAWERS TO HAVE WIRE PULLS AND BE LOCKABLE AS SHOWN, ALL LOCKS TO BE MASTER KEYED.
2. DRAWERS AND TRAYS TO HAVE HEAVY DUTY FULL EXTENSION SLIDES.
3. HORIZONTAL LAMINATE SURFACES TO BE HIGH PRESSURE LAMINATE WITH PROTECTIVE EDGES. VERTICAL LAMINATE SURFACES TO BE HIGH OR LOW PRESSURE LAMINATE.
4. EXPOSED INTERIOR SURFACES TO BE MELAMINE.
5. OUTSIDE CORNERS TO BE DURABLE MATERIALS THAT CAN WITHSTAND IMPACT. UNPROTECTED LAMINATE CORNERS OR WOOD VENEER CORNERS ARE NOT PERMITTED.
6. FRONT DESK TO BE FREESTANDING WITH A FURNITURE-LIKE APPEARANCE.
7. THREE DRAWER RETURN MODULES ARE INTENDED TO PROVIDE AN ACCESSIBLE TRANSACTION SURFACE. THESE MODULES MAY BE DELETED IF OTHER ACCESSIBLE SURFACES ARE PROVIDED.

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No.	Date	Description

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ASHISH MISHRA REG. NO. 6454 STATE OF LOUISIANA REGISTERED ARCHITECT

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Millwork-Front Desk

Phase
Construction Documents

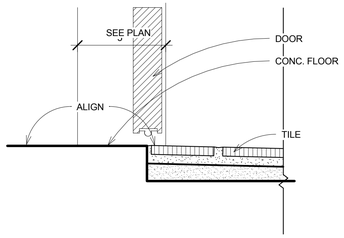
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A703

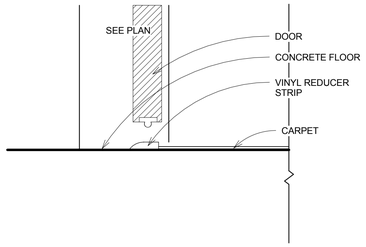
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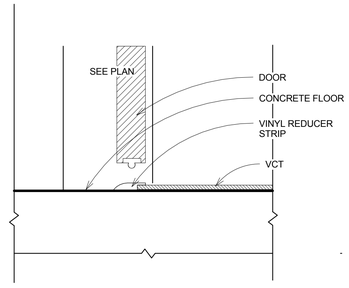
Hampton Inn and Suites



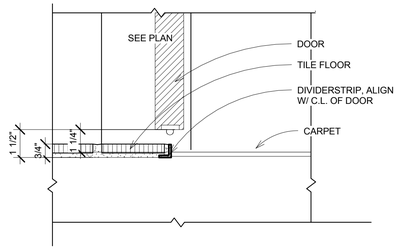
1 Transition Tile to Concrete S1
3" = 1'-0"



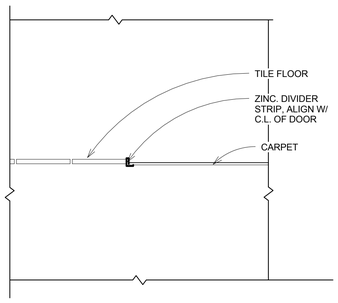
2 Transition Concrete to Carpet S2
3" = 1'-0"



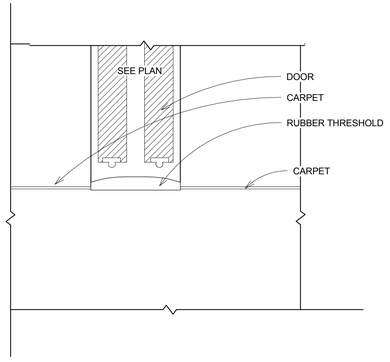
3 Transition Concrete to VCT/Tile S3
3" = 1'-0"



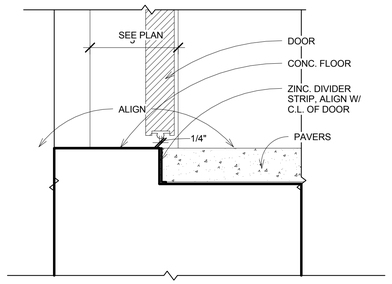
4 Transition Carpet to Tile S4
3" = 1'-0"



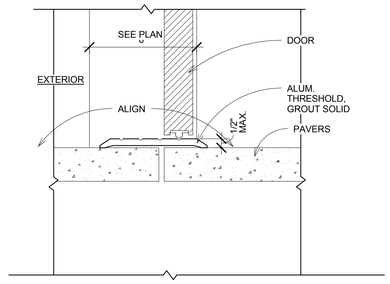
5 Transition Carpet to Tile S5
3" = 1'-0"



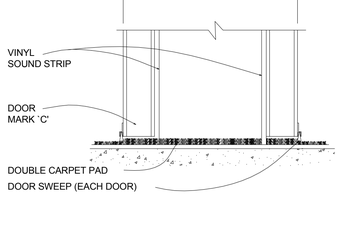
6 Transition Carpet to Carpet S6
3" = 1'-0"



7 Transition Concrete to Pavers S7
3" = 1'-0"



8 Transition Concrete to Concrete S8
3" = 1'-0"



9 Threshold detail @ connecting door
3" = 1'-0"

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ASHISH MISHRA
REG. NO. 6458
STATE OF LOUISIANA
REGISTERED ARCHITECT
4/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Door Window Schedule Floor Transition

Phase
Construction Documents

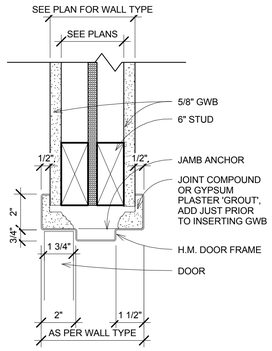
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
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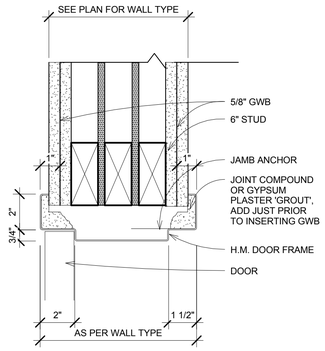
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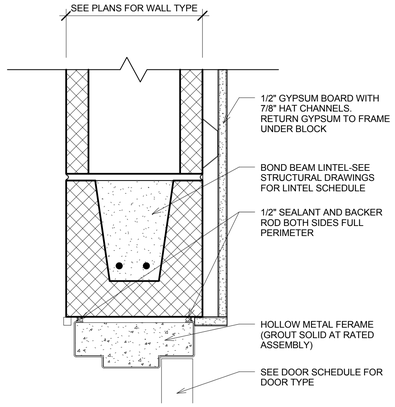
Hampton Inn and Suites



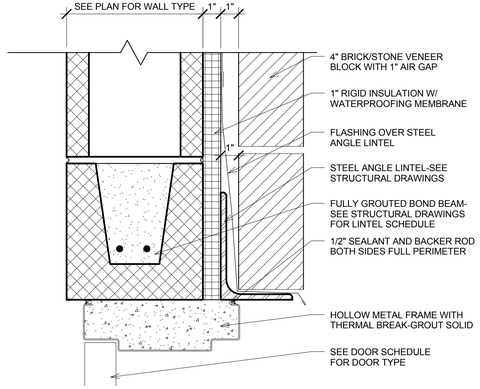
1 H 1/J 1
3" = 1'-0"



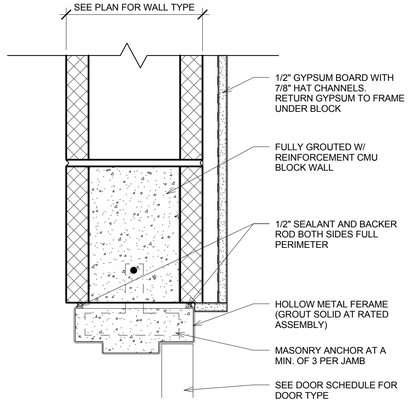
2 H 2/J 2
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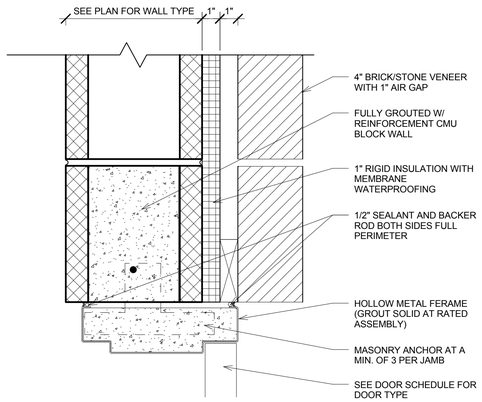
3 H 3
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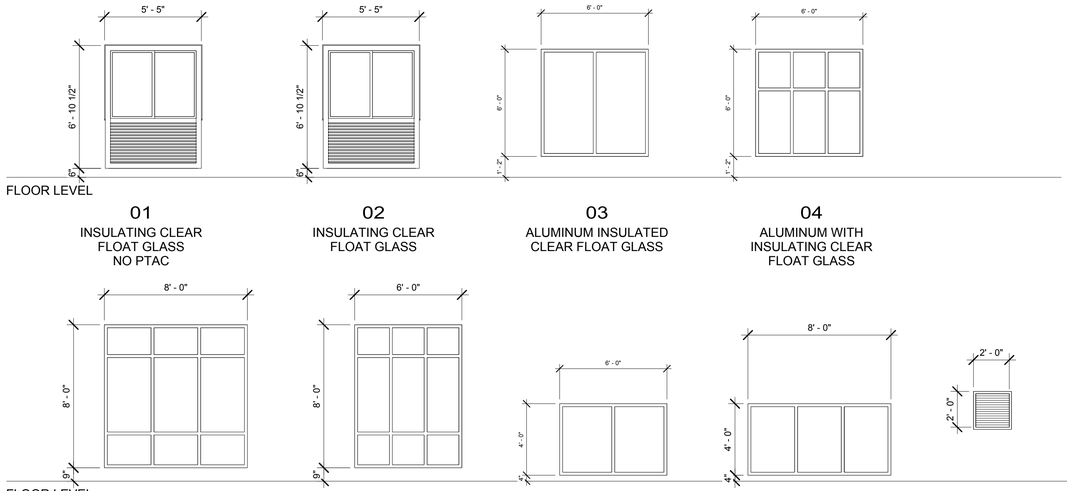
4 H 4
3" = 1'-0"



5 J 3
3" = 1'-0"



6 J 4
3" = 1'-0"



Window Schedule					
Level	Type Mark	Width	Height	Sill Height	Count
Level 1	01	5' - 0"	4' - 0"	3' - 0"	12
Level 1	02	5' - 0"	4' - 0"	3' - 0"	3
Level 1	03	6' - 0"	6' - 0"	1' - 2"	5
Level 1	04	6' - 0"	6' - 0"	1' - 2"	5
Level 1	06	8' - 0"	8' - 0"	9"	2
Level 1	07	6' - 0"	8' - 0"	9"	1
Level 2	01	5' - 0"	4' - 0"	3' - 0"	10
Level 2	02	5' - 0"	4' - 0"	3' - 0"	25
Level 2	08	6' - 0"	4' - 0"	4"	1
Level 2	09	8' - 0"	4' - 0"	4"	2
Level 3	01	5' - 0"	4' - 0"	3' - 0"	10
Level 3	02	5' - 0"	4' - 0"	3' - 0"	28
Level 4	01	5' - 0"	4' - 0"	3' - 0"	10
Level 4	02	5' - 0"	4' - 0"	3' - 0"	28
B.O. Roof Truss	11	2' - 0"	1' - 6"	4' - 0"	2

Grand total: 144

WINDOW LEGEND:

1. ALL WINDOW FRAMES TO HAVE THERMAL BREAK.
2. ALL GLAZING TO WITHSTAND 90 MILES/HOUR WINDOW SPEED/IMPACT.
3. PTAC UNITS, EXTERIOR LOUVERS TO BE INTEGRAL WITH THE WINDOW FRAMES.
4. GUEST ROOM WINDOWS TO HAVE DOUBLE-GLAZED FIXED GLASS.
5. ALL GUEST ROOM WINDOWS TO BE FIXED WINDOWS.
6. CONTRACTOR TO SUBMIT WINDOW SUBMITTAL FOR REVIEW BY ARCHITECT AS WELL AS HILTON FRANCHISE.

1

Window
1/4" = 1'-0"

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Fax:(704) 347-0093
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REVISIONS		
No.	Date	Description
1	12/3/13	Hilton review

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ASHISH MISHRA REG. NO. 6424 STATE OF LOUISIANA REGISTERED ARCHITECT 9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Door & Window Schedule

Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A705

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Hampton Inn and Suites

4/14/2014 3:19:53 PM



1 Firewall Level 1
1" = 10'-0"

FIRE WALL LEGEND

INDICATES ONE HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

INDICATES TWO HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

NOTE:
1. ALL FIRE-RATED WALLS TO EXTEND TO STRUCTURE ABOVE AS PER FIRECODE.
2. ALL OPENINGS NEED TO MEET REQUIREMENTS.
3. STAIRWELLS, ELEVATOR SHAFTS, MECHANICAL & WATER HEATER ROOMS, FLOOR TO FLOOR CHASE TO BE 2-HOUR RATED CONSTRUCTION.

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REVISIONS		
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1	12/3/13	Hilton review

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ASHISH MISHRA REG. NO. 6458 STATE OF LOUISIANA REGISTERED ARCHITECT 4/14/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Firewall Plan 1st Floor

Phase
Construction Documents

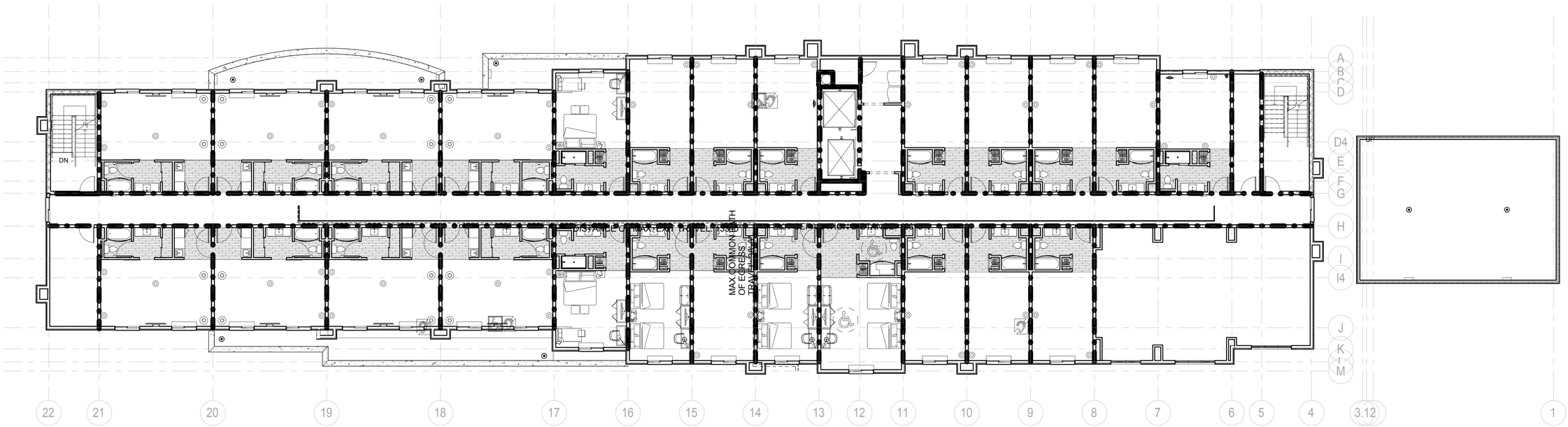
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No. A801

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1 Firewall Level 2
1" = 10'-0"

FIRE WALL LEGEND

INDICATES ONE HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

INDICATES TWO HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

NOTE:
1. ALL FIRE-RATED WALLS TO EXTEND TO STRUCTURE ABOVE AS PER FIRECODE.
2. ALL OPENINGS NEED TO MEET REQUIREMENTS.
3. STAIRWELLS, ELEVATOR SHAFTS, MECHANICAL & WATER HEATER ROOMS, FLOOR TO FLOOR CHASE TO BE 2-HOUR RATED CONSTRUCTION.

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REVISIONS		
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1	12/3/13	Hilton review

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ASHISH MISHRA
REG. NO. 34524
STATE OF LOUISIANA
REGISTERED ARCHITECT
9/4/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Firewall Plan 2nd Floor

Phase
Construction Documents

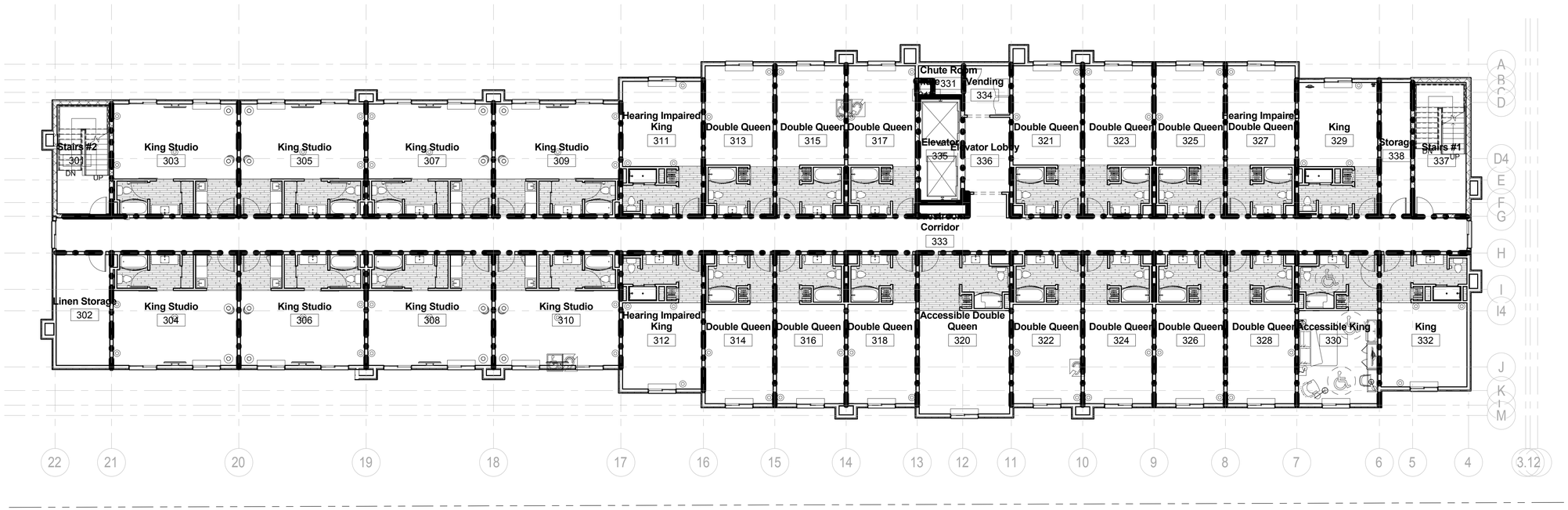
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A802

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Hampton Inn and Suites



1 Firewall Level 3
1" = 10'-0"

FIRE WALL LEGEND

INDICATES ONE HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

INDICATES TWO HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

NOTE:
1. ALL FIRE-RATED WALLS TO EXTEND TO STRUCTURE ABOVE AS PER FIRECODE.
2. ALL OPENINGS NEED TO MEET REQUIREMENTS.
3. STAIRWELLS, ELEVATOR SHAFTS, MECHANICAL & WATER HEATER ROOMS, FLOOR TO FLOOR CHASE TO BE 2-HOUR RATED CONSTRUCTION.

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1	12/3/13	Hilton review

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ASHISH MISHRA REG. NO. 6424 STATE OF LOUISIANA REGISTERED ARCHITECT 9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Firewall Plan 3rd Floor

Phase
Construction Documents

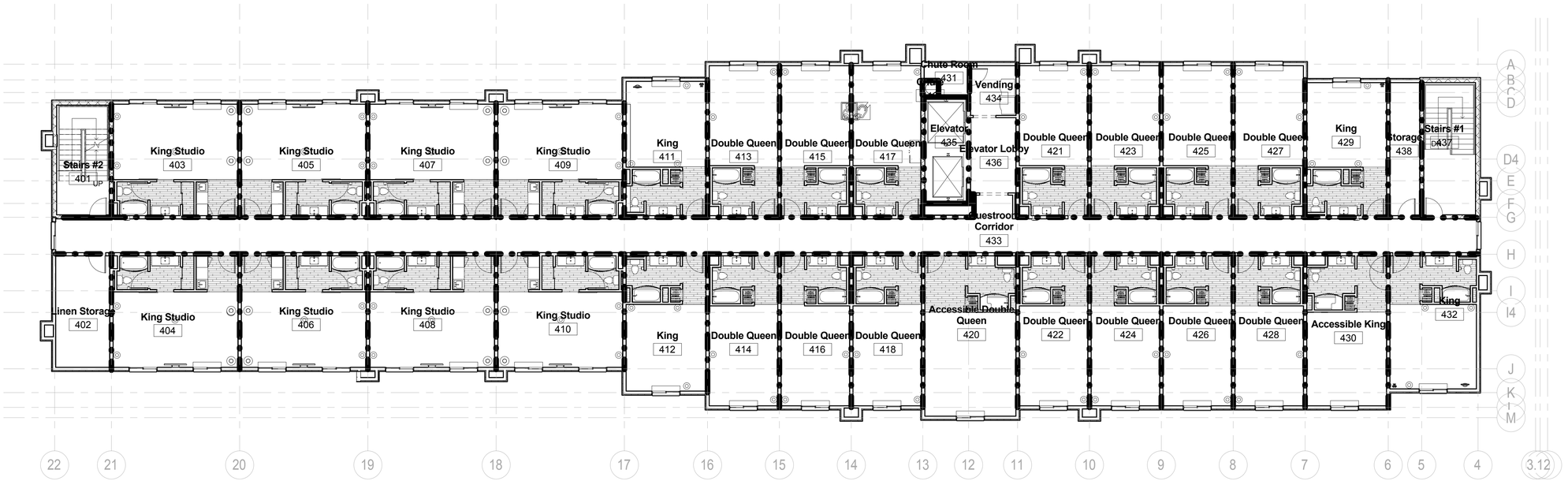
Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

Sheet No.
A803

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Hampton Inn and Suites



1 Firewall Level 4
1" = 10'-0"

FIRE WALL LEGEND

INDICATES ONE HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

INDICATES TWO HOUR FIRE RATED WALL CONSTRUCTION AS PER UL STANDARDS

NOTE:
1. ALL FIRE-RATED WALLS TO EXTEND TO STRUCTURE ABOVE AS PER FIRECODE.
2. ALL OPENINGS NEED TO MEET REQUIREMENTS.
3. STAIRWELLS, ELEVATOR SHAFTS, MECHANICAL & WATER HEATER ROOMS, FLOOR TO FLOOR CHASE TO BE 2-HOUR RATED CONSTRUCTION.

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REVISIONS		
No.	Date	Description
1	12/3/13	Hilton review

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ASHISH MISHRA REG. NO. 9458 STATE OF LOUISIANA REGISTERED ARCHITECT 9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Firewall Plan 4th Floor

Phase
Construction Documents

Project No.	12-111
Prepared by	Author
Checked by	Checker
Date	Sept. 16, 2013

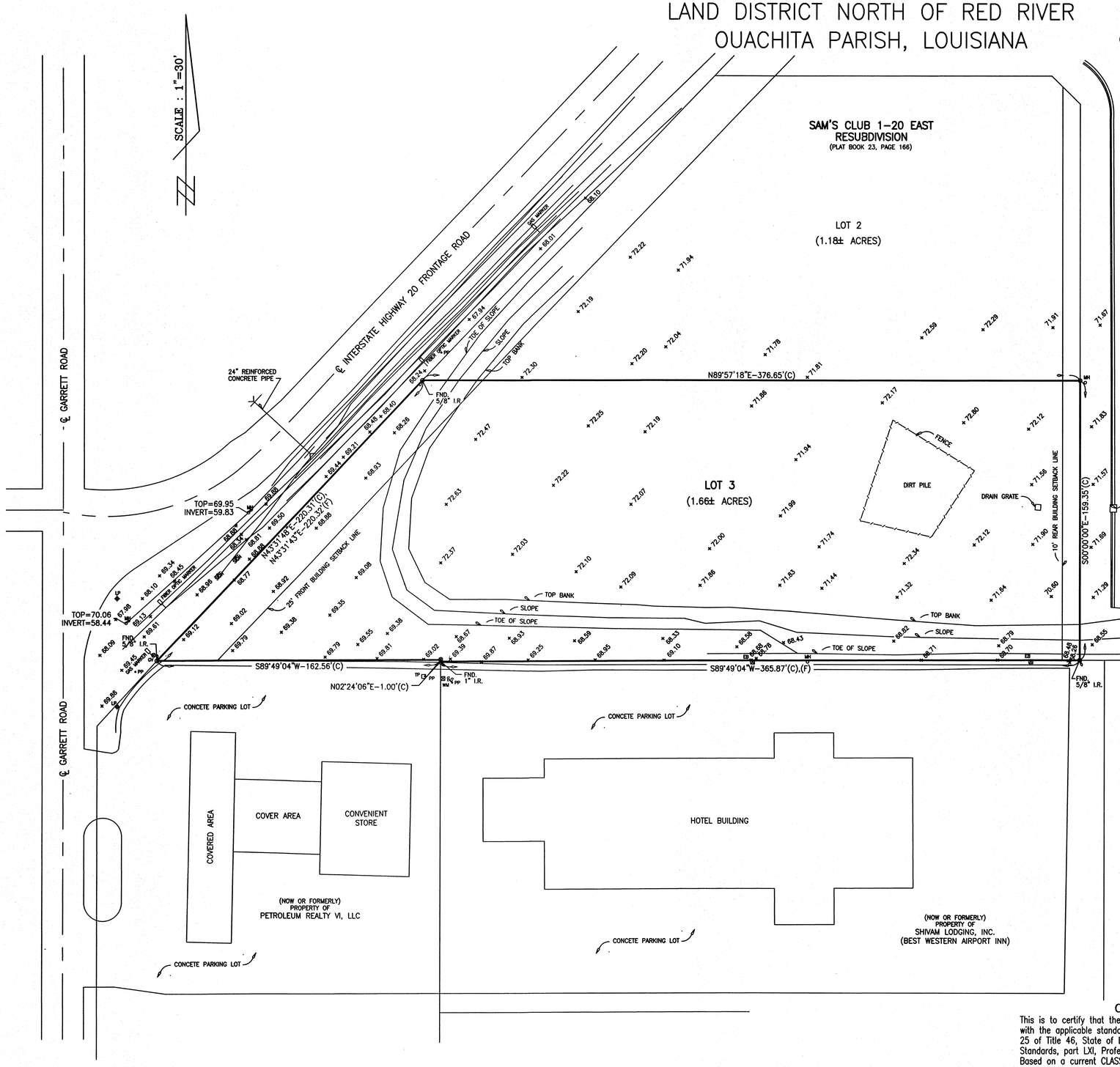
Sheet No.
A804

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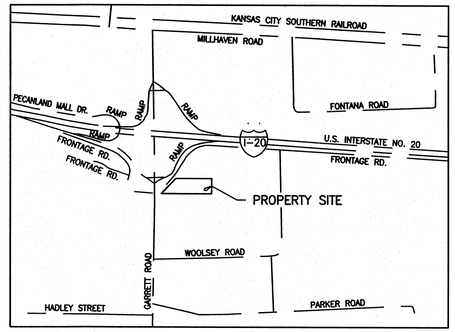
Hampton Inn and Suites

LAND DISTRICT NORTH OF RED RIVER
OUACHITA PARISH, Llouisiana



LOT 1
SAM'S REAL ESTATE BUSINESS TRUST
(SAM'S WHOLESALE CLUB)
(5400 FRONTAGE ROAD, MONROE, LA. 71202)

LOT 1
(NOW OR FORMERLY)
PROPERTY OF
SAM'S REAL ESTATE BUSINESS TRUST
(SAM'S WHOLESALE CLUB)
(5400 FRONTAGE ROAD, MONROE, LA. 71202)



VICINITY MAP
SCALE: N.T.S.

SURVEY NOTES

1) LEGEND
- o – MONUMENTATION FOUND AS NOTED
- ⊕ – MONUMENTATION SET AS NOTED (5/8" I.R.)
- △ – COTTON PICKER SPINDLE
- o – SURVEY POINT NOT MONUMENTED
- P.O.B. – POINT OF BEGINNING
- (C) – DATA FROM RECORD PLAT OR DESCRIPTION
- (F) – DATA FOUND BY THIS SURVEY
- MH o – MANHOLE
- EB ⊠ – ELECTRICAL BOX
- PP • – POWER POLE
- LP ✲ – LIGHT POLE
- GV ⊗ – GAS VALVE
- ——— – WATER LINE
- ——— – SEWER LINE
- ——— – GAS LINE
- ——— – FIBER OPTIC LINE
- ——— – TELEPHONE LINE

2) REFERENCED PLAT(S) OF RECORD
SAM'S CLUB I-20 EAST RESUBDIVISION situated in Section 3, T 17 N, R 4 E, Monroe, Ouachita Parish, Louisiana. By THOMAS C. DAVID, JR., P.L.S. # 4539. Dated July 8, 2009. Recorded in Plat Book 23, Page 166 of the Records of Ouachita Parish, Louisiana.

3) Survey bearings are referenced to the bearings established by THOMAS C. DAVID, JR., P.L.S. # 4539, between found monumentation.[S89°49'04"W]

4) No Title Research was performed for the Existing Rights-of-Way, Easements and/or Servitudes of Record that may affect this Property.

CERTIFICATION

This is to certify that the survey depicted hereon is in accordance with the applicable standards of practice as stipulated in Chapter 25 of Title 46, State of Louisiana Professional & Occupational Standards, part LXI, Professional Engineers and Surveyors, subpart 1, Based on a current CLASS B survey classification.

JON W. BRASWELL, PLS No. 4858

CLIENT: NASH PATEL

Plat of Survey
LOT 3
SAM'S CLUB 1-20 EAST
RESUBDIVISION
Situated in the
SECTION 3
T 17 N, R 4 E
MONROE, OUACHITA PARISH, LOUISIANA

JAMES W. BRASWELL & ASSOCIATES, LTD.
Consulting Engineers & Land Surveyors
P.O. BOX 7511 (1005 N. 4th Street)
Monroe, Louisiana 71211 (71201)

DATE: 01/25/12	DRAWN BY: RSH	Dwg. No. 11-3353
SCALE: 1"=30'	CHECKED BY: JWB	

SCALE : 1"=30'

SAM'S CLUB 1-20 EAST
RESUBDIVISION
(PLAT BOOK 23, PAGE 166)

LOT 2
(1.18± ACRES)

LOT 1

(NOW OR FORMERLY)
PROPERTY OF
SAM'S REAL ESTATE BUSINESS TRUST
(SAM'S WHOLESALE CLUB)
(5400 FRONTAGE ROAD, MONROE, LA. 71202)

℄ INTERSTATE HIGHWAY 20 FRONTAGE ROAD

℄ GARRETT ROAD

℄ ROAD

OUTLOT
ACCESS
DRIVE

INDICATES MONUMENTAL SIGN

CONCRETE PAVEMENT

30'-0" HIGH FLAGPOLE

TRASH

PARKING 84 TOTAL

STATE OF LOUISIANA
FOY B. GADBERRY
REG. No. 20722
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
10/25/13

DAVID LANE BEAIRD
& ASSOCIATES, INC
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 396-3227
email: lbeaird@dlbengineering.com

HAMPTON INN & SUITES

SOUTHERN HOSPITALITY SERVICES

MONROE, LA.

SITE PLAN

DATE
9-12-13

C002

JOB No 130412

SCALE : 1"=30'

SAM'S CLUB 1-20 EAST
RESUBDIVISION
(PLAT BOOK 23, PAGE 166)

LOT 2
(1.18± ACRES)

LOT 1
(NOW OR FORMERLY)
PROPERTY OF
SAM'S REAL ESTATE BUSINESS TRUST
(SAM'S WHOLESALE CLUB)
(5400 FRONTAGE ROAD, MONROE, LA. 71202)

EXISTING DETENTION POND

℄ INTERSTATE HIGHWAY 20 FRONTAGE ROAD

℄ GARRETT ROAD

℄ ROAD

WATERS EDGE

24" REINFORCED CONCRETE PIPE

N89°57'18"E-376.65'(C)

N43°31'48"E-220.32'(C)

N43°31'48"E-220.31'(C)

S89°49'04"W-162.56'(C)

S89°49'04"W-365.87'(C),(F)

N02°24'06"E-1.00'(C)

S00°00'00"E-159.35'(C)

AREA CATCH BASIN TOP 71.00 INV.69.00'

AREA CATCH BASIN TOP 70.80 INV.68.50

AREA CATCH BASIN TOP 70.30 INV.68.17

AREA CATCH BASIN TOP 70.00 INV.67.80

110 L.F. 15" CMP

78 L.F. 15" CMP

80 L.F. 15" CMP

78 L.F. 15" CMP

REMOVE EXISTING DRAIN & PIPE

3 L.F. 15" CMP

CURB INLET CATCH BASIN TOP 70.50 INLET 69.75 INV.67.60

MATCH EXISTING ELEVATION (71.50)

EXISTING DRAIN TOP 70.80 INV.67.40

2 CU.UDS. RIP-RAP

INV.67.07

EXISTING DRAIN TOP 70.81 INV.67.06

2 CU.UDS. RIP-RAP

INV.67.22

24 L.F. 24" HDPE

FINISH FLOOR ELEVATION 72.50

3' WIDE CONCRETE FLUME

40 L.F. 24" CMPA

64 L.F. 24" CMPA

JUNCTION BOX TOP 70.00 INV.68.90

AREA CATCH BASIN TOP 70.00 INV.67.75

JUNCTION BOX TOP 70.00 INV.67.42

FLOOD ZONE DATA

1. PROPERTY IS LOCATED IN FLOOD ZONE 'X' SHADED(AREAS OF 500 YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1') ACCORDING TO PANEL 75, 22073C0075E, DATED MARCH 15, 1994.
2. THE PROPERTY LOCATED ADJACENT TO THE SOUTH WEST END OF THIS PROPERTY IS SHOWN TO BE ELEV. 67 MSL. ON PANEL 75, 22073C0075E, DATED MARCH 15, 1994.
3. FINISH FLOOR ELEVATION OF THE BUILDING IS 71.50 MSL.

LEGEND

68.71 EXISTING GRADE

(70.00) FINISH GRADE

FOR REVIEW ONLY
STATE OF LOUISIANA
FOY B. GADBERRY
REG. No. 20722
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
FOR REVIEW ONLY

MONROE, LA.

DAVID LANE BEARD & ASSOCIATES, INC

CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 388-3227
email: lbeard@dlbengineering.com

SOUTHERN HOSPITALITY SERVICES

HAMPTON INN & SUITES

GRADING PLAN

DATE: 9-12-13

C003

JOB No 130412

SCALE : 1"=30'

℄ GARRETT ROAD

℄ INTERSTATE HIGHWAY 20 FRONTAGE ROAD

INDICATES MONUMENTAL-SIGN

SAM'S CLUB 1-20 EAST
RESUBDIVISION
(PLAT BOOK 23, PAGE 166)

LOT 2
(1.18± ACRES)

LOT 1
(NOW OR FORMERLY)
PROPERTY OF
SAM'S REAL ESTATE BUSINESS TRUST
(SAM'S WHOLESALE CLUB)
(5400 FRONTAGE ROAD, MONROE, LA. 71202)

℄ ROAD

N89°57'18"E-376.65'

N43°31'48"E-220.31'

S00°00'00"E-159.35'

S89°49'04"W-162.56'

N02°24'06"E-1.00'

S89°49'04"W-365.87'

CONCRETE PAVEMENT

CONCRETE PAVEMENT

30'-0" HIGH FLAGPOLE

ENTRANCE CANOPY

6" CONCRETE PAVEMENT

CONCRETE PAVEMENT

OUTLOT ACCESS DRIVE

E.J.

7

5

PAVEMENT JOINTS SHOWN ARE SUGGESTED. CONTRACTOR MAY SUBMIT ALTERNATE JOINT LAYOUT FOR APPROVAL

STATE OF LOUISIANA
FOY B. GADBERRY
REG. No. 20722
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
10/25/13

DAVID LANE BEAIRD
& ASSOCIATES, INC
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
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email: beaird@beairdengineering.com

SOUTHERN HOSPITALITY SERVICES

HAMPTON INN & SUITES

MONROE, LA.

JOINT LAYOUT

DATE
9-12-13

C004

JOB No 130412

SCALE : 1"=30'

℄ INTERSTATE HIGHWAY 20 FRONTAGE ROAD

℄ GARRETT ROAD

℄ ROAD

CONTRACTOR NOTE:
BACKFLOW PREVENTER REQUIRED ON DOMESTIC AND FIRE WATER. VERIFY W/ MECHANICAL.

4" & 8" WATER TAP BY CITY

8" GATE VALVE

4" WATER METER BY CITY

4" GATE VALVE

4" WATER SERVICE

8" FIRE WATER

2" GATE VALVE

FIRE HYD.

2" SPRINKLER LINE SEE SPRINKLER LAYOUT FOR CONTINUATION

EXISYING MANHOLE TOP 59.85 INV.59.63

EXISYING MANHOLE TOP 70.06 INV.58.44

TRANSFORMER BY ENERGY

3/4" WATER LINE W/ HOSE BIBB TO DUMPSTER

6" PVC SERVICE LINE

4" CLEAN-OUT

UNDERGROUND ELECTRICAL SERVICE SUPPLY 2-4" SCH. 80 CONDUITS. VERIFY LOCATION W/ENTERGY.

TIE 6" SERVICE INTO MANHOLE INV. 60.40

OUTLOT ACCESS DRIVE

CITY OF MONROE
WATER DEPT.
CONTACT: MITCH ACREE
GRAMMONT STREET
(318) 329-2385

CITY OF MONROE
SEWER DEPT.
CONTACT: CHARLES WESTROM
GRAMMONT STREET
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CONTACT: BENDEL CARR
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DAVID LANE BEARD & ASSOCIATES, INC
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 388-1227
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MONROE, LA.

SOUTHERN HOSPITALITY SERVICES

HAMPTON INN & SUITES

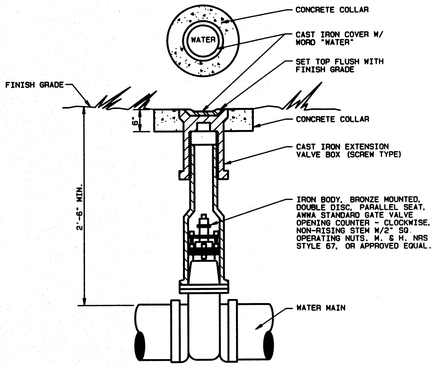
UTILITY PLAN

STATE OF LOUISIANA
FOY B. GADBERRY
REG. No. 20722
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
10/25/13

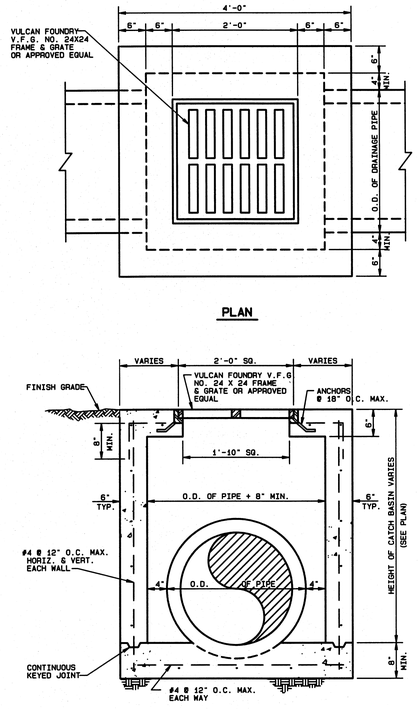
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9-12-13

C005

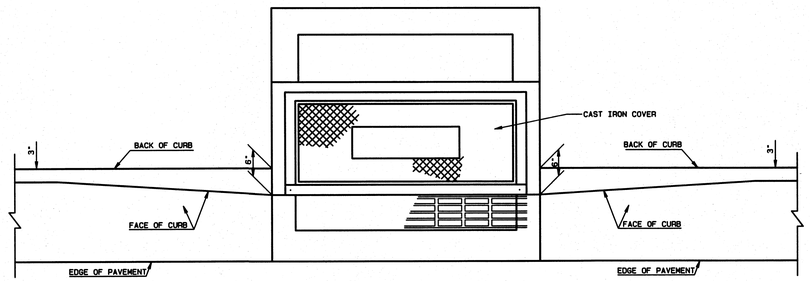
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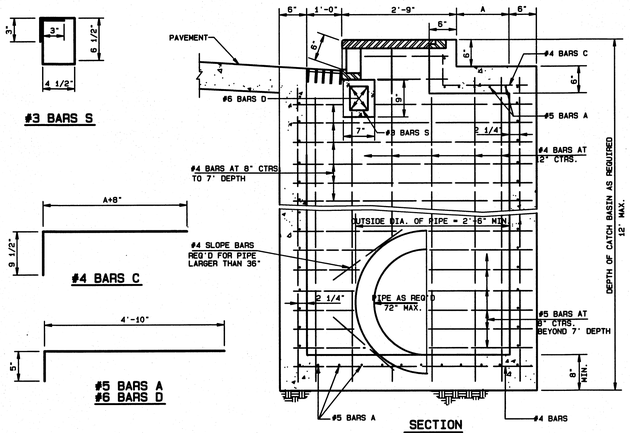
TYP. GATE VALVE & BOX



AREA CATCH BASIN

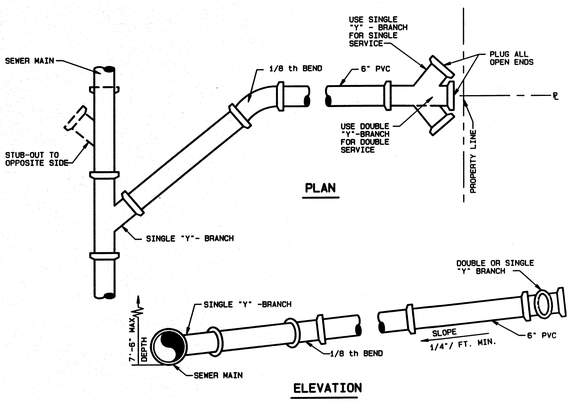


PLAN (CB-07)

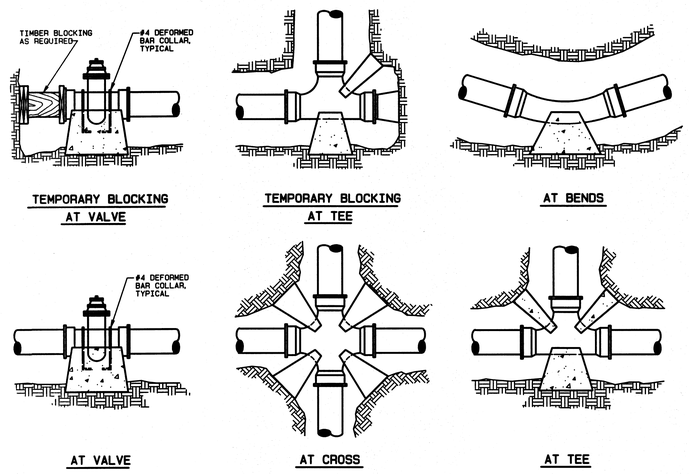


PIPE DIAMETER	A Ft.-In.
15"-24"	0'-4"
30"	0'-11"
36"	1'-6"
42"	2'-1"
48"	2'-8"
54"	3'-3"
60"	3'-10"
72"	5'-0"

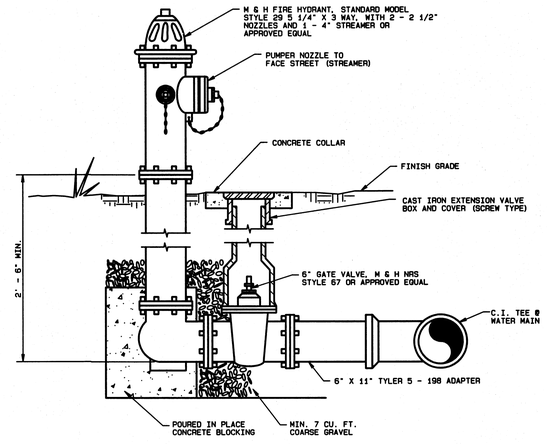
SINGLE CURB INLET CATCH BASIN (CB-07)
DOUBLE CURB INLET CATCH BASIN (CB-08)



SEWER STUB-OUT ABOVE 7'-6"



TYP. CONCRETE BLOCKING DETAILS
FOR WATER DISTRIBUTION SYSTEMS AND FORCE MAINS



TYP. FIRE HYDRANT INSTALLATION

STATE OF LOUISIANA
FOY B. GADBERRY
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10/25/13

DAVID LANE BEAIRD & ASSOCIATES, INC
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SOUTHERN HOSPITALITY SERVICES

HAMPTON INN & SUITES

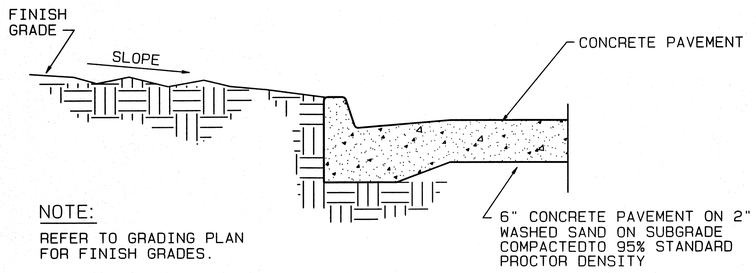
MONROE, LA.

SITE DETAILS

DATE 9-12-13

C006

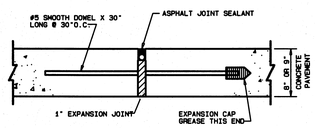
JOB No 130412



NOTE:
REFER TO GRADING PLAN FOR FINISH GRADES.

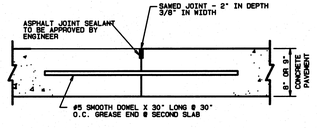
TYPICAL PAVEMENT SECTION

NO SCALE

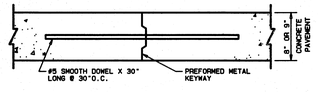


EXPANSION JOINT

NOTE: ALL CONCRETE PAVEMENT JOINTS SHALL BE CLEANED AND SEALED WITH POLYURETHANE OR SILICONE POLYMER JOINT SEALER CONFORMING TO LA. STD. SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) APPROVED BY ENGINEER.

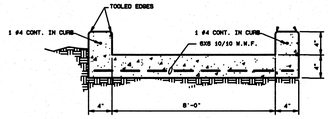


CONSTRUCTION JOINT

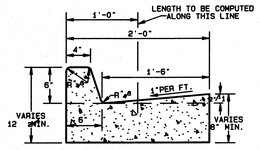


LONGITUDINAL JOINT

TYPICAL CONCRETE PAVEMENT JOINTS

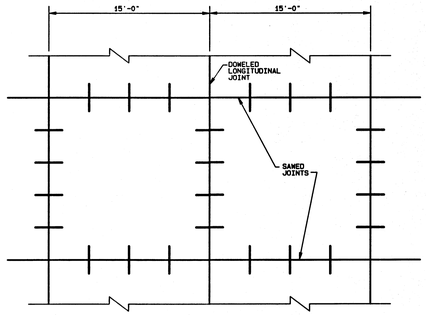


SECTION A-A

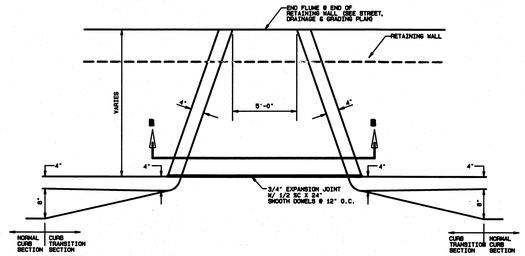


CURB & GUTTER

BARRIER TYPE

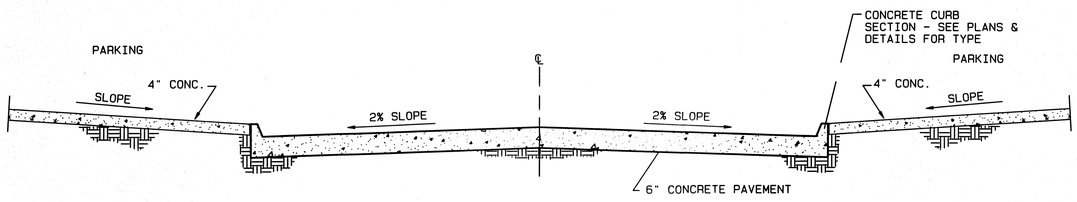


TYPICAL JOINT DETAIL



PLAN

CONCRETE FLUME DETAIL



NOTE:
REFER TO STREET & DRAINAGE PLAN AND PROFILES FOR FINISH GRADES.

TYPICAL CONCRETE CURB DRIVE CROSS-SECTION

NO SCALE

NOTES:

1. All concrete for curb and gutter sections, drainage structures and miscellaneous construction shall attain a minimum ultimate compressive strenght of 3,000 psi @ 28 days.
2. All reinforcing bars shall be new billet intermediate grade deformed bars conforming to A.S.T.M. A-615.
3. Concrete aggregate shall conform to A.S.T.M. C-33.
4. No concrete shall be placed without prior approval of Engineer.
5. All drainage culvert to be reinforced concrete pipe, Class III with flexible watertight gaskets, conforming to A.S.T.M. C-76. (See specs: for alternates)
6. For concrete curb and gutter sections, Contractor shall place tooled dummy joints at a maximum spacing of 10'-0" o.c. with expansion joints at a maximum spacing of 60'-0" o.c. Expansion joints shall be 3/4" redwood thru the full concrete section. Provide a minimum of two (2) - 1/2" dia. smooth dowels x 24" long at each expansion joint. An expansion cap shall be provided at one (1) end of each expansion dowel to prevent bonding. All concrete curb and gutter sections shall be reinforced with 2 - #4 deformed bars continuous between expansion joints as detailed on the Plans. In lieu of conventional forms, slip-formed construction may be utilized provided that the concrete has a minimum ultimate compressive strength of 4,000 psi @ 28 days. Continuous reinforcement is not required if slip-forming is used.

STATE OF LOUISIANA
FOY B. GADBERRY
REG. No. 20722
REGISTERED PROFESSIONAL ENGINEER
IN
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10/29/13

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SOUTHERN HOSPITALITY SERVICES

HAMPTON INN & SUITES

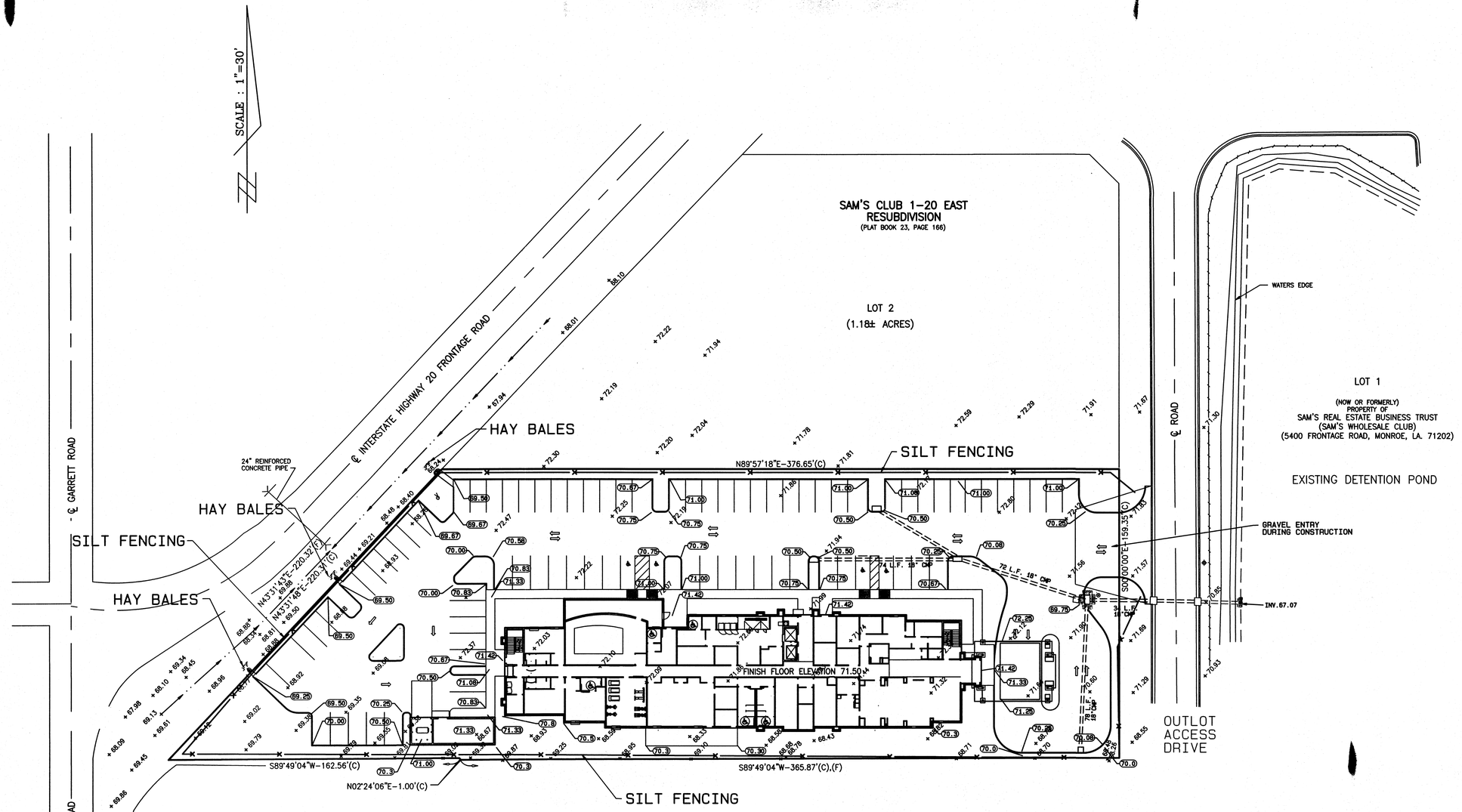
MONROE, LA.

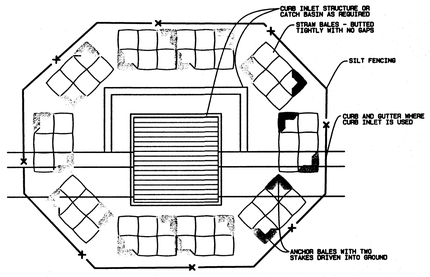
SITE DETAILS

DATE: 9-12-13

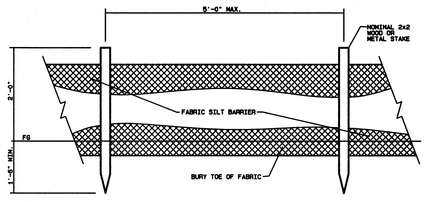
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JOB No 130412





STRAW BALE DETAIL



SILT FENCE DETAIL

GENERAL NOTES:

1. RUNOFF COEFFICIENT PRE- CONSTRUCTION 0.50
2. RUNOFF COEFFICIENT POST CONSTRUCTION 0.83
3. EXISTING SOIL ON SITE IS GENERALLY A SILTY CLAY.
4. APPROXIMATE AVERAGE SLOPES OF SITE 0.70%.
5. TOTAL DISTURBED AREA IS 1.65 ACRES.
6. ACCUMULATIONS OF SEDIMENT ESCAPING THE SITE MUST BE REMOVED.
7. SEDIMENT MUST BE REMOVED FROM SEDIMENT TRAPS WHEN DESIGN CAPACITY IS REDUCED BY 50%.
8. CONSTRUCTION DEBRIS AND CHEMICALS SHALL BE PREVENTED FROM POLLUTING ANY STORM WATER DISCHARGE.
9. SOD AND/OR GRASS SEED SHALL BE PLACED ON SITE AS SOON AS PRACTICAL TO STABILIZE THE SITE.
10. HAY BALES ALONG DISCHARGE PATH ARE USED TO DISSIPATE FLOW CONDITIONS AND COLLECT SEDIMENT.
11. CONTRACTOR TO REMOVE ANY SILT ACCUMULATIONS ALONG DRAINAGE OUTFALL PATH AFTER RAINFALL(S).

STATE OF LOUISIANA
FOY B. GADBERRY
REG. NO. 20722
REGISTERED
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IN
CIVIL ENGINEERING
10/25/13

DAVID LANE BEAIRD
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email: beairdle@bellsouth.net

MONROE, LA.

SOUTHERN HOSPITALITY SERVICES

HAMPTON INN & SUITES

STORMWATER POLLUTION PREVENTION PLAN

DATE
9-12-13

C008

JOB No 130412

GENERAL NOTES:

COORDINATION:

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH AND COORDINATED WITH ARCHITECTURAL DRAWINGS AND OTHER CONTRACT DOCUMENTS.

2. THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR REVIEWING/COORDINATING ALL DIMENSIONS, ELEVATIONS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS.

3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL OF THE CONTRACT DOCUMENTS AND LATEST ADDENDA AND FOR SUBMITTING SUCH DOCUMENTS TO SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD. THE GENERAL CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS AND OTHER CONTRACT DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN AND WITHIN EACH SET OF DRAWINGS WITH THE PROJECT ARCHITECT AND THE STRUCTURAL ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.

4. DRAWINGS SHOW GENERAL AND TYPICAL SECTIONS/DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR SECTIONS/DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO THE APPROVAL OF THE ENGINEER.

5. THE STRUCTURAL MEMBERS OF THIS PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE GRAVITY AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED BRACING/SHORING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE STRUCTURE IS TIED TOGETHER AND COMPLETED.

6. THE STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES AND SEQUENCES OF PROCEDURES TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

7. LOADS APPLIED TO THE STRUCTURE DURING CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD-CARRYING CAPACITY OF THE STRUCTURAL MEMBERS. THE LIVE LOADS USED FOR THE DESIGN OF THE STRUCTURE ARE INDICATED IN THE GENERAL NOTES. DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL STRUCTURAL FRAMING IS PROPERLY INSTALLED AND ALL TEMPORARY BRACING IS IN PLACE.

8. ALL ASTM AND OTHER REFERENCES ARE PER THE LATEST EDITIONS UNLESS NOTED OTHERWISE.

9. EQUIPMENT PADS SHALL BE PROVIDED BY THE MECHANICAL, ELECTRICAL, OR PLUMBING CONTRACTORS REQUIRING THE PAD.

10. COORDINATE THE EXACT SIZE AND LOCATION OF ALL SLEEVES AND OPENINGS THROUGH CONCRETE WALLS, CONCRETE SLABS OR MASONRY WALLS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.

11. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. CONTRACTOR SHALL REVIEW, APPROVE AND SIGN EACH SHEET PRIOR TO SUBMISSION. THE STRUCTURAL ENGINEER'S REVIEW SHALL BE FOR CONFORMANCE WITH THE DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW, CHECK AND COORDINATE THE SHOP DRAWINGS PRIOR TO SUBMISSION. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF THE SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, DIMENSIONS, ETC. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS. SUBMIT PDF FILES FOR REVIEW.

12. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO ASCERTAIN CONDITIONS WHICH MAY ADVERSELY AFFECT THE WORK OR COST THEREOF.

13. WHERE CONFLICTS OCCUR BETWEEN GENERAL NOTES, STRUCTURAL DRAWINGS AND SPECIFICATIONS THE MOST STRINGENT REQUIREMENT SHALL APPLY.

14. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE NOR ISSUE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.

FOUNDATIONS:

1. FOUNDATION DESIGN OF FOOTINGS BASED ON SOIL REPORT BY ARDAMAN & ASSOCIATES, INC., SHREVEPORT, LOUISIANA, FILE NO. 12.94.038, DATED 3-12-12. ALLOWABLE SOIL BEARING PRESSURE 1,500 PSF FOR CONTINUOUS WALL FOOTINGS AND 2,000 PSF FOR SPREAD COLUMN FOOTINGS.

2. ALL FOOTINGS AND SLAB ON GRADE SHALL BEAR ON UNDISTURBED RESIDUAL SOIL OR STRUCTURAL COMPACTED FILL AS PER SOIL REPORT RECOMMENDATIONS. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY PRIOR TO PLACING CONCRETE FOR FOUNDATIONS.

3. COMPACT ALL MATERIALS SUPPORTING SLAB ON GRADE OR FOOTINGS AS PER GEOTECHNICAL ENGINEERS RECOMENDATIONS. SOILS TESTING LABORATORY SHALL CONDUCT COMPACTION TESTS ON ALL STRUCTURAL FILL MATERIAL.

4. NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST BASEMENT WALLS UNLESS WALLS ARE BRACED BY TEMPORARY BRACING OR BY PERMANENT CONSTRUCTION.

5. FOUNDATION WALLS WITH BACKFILL ON EACH SIDE SHALL BE BACKFILLED EVENLY ON EACH SIDE. THESE WALLS HAVE NOT BEEN DESIGNED FOR UNBALANCED SOIL LOADS. ALL BASEMENT WALLS (FOUNDATION WALLS WITH DOWELS INTO SLAB ON GRADE) SHALL BE SHORED UNTIL SLAB ON GRADE REACHES 75 PERCENT OF THE 28 DAY COMPRESSIVE STRENGTH. WATERPROOF BACKSIDE OF ALL FOUNDATION WALLS UNLESS NOTED OTHERWISE.

6. COORDINATE FOUNDATION WORK WITH EXISTING UTILITIES. FOUNDATIONS SHALL BE LOWERED WHERE REQUIRED TO AVOID UTILITIES. NOTIFY PROJECT ARCHITECT AND STRUCTURAL ENGINEER TO PROVIDE REINFORCED CONCRETE PIER FOR COLUMN FOOTINGS

7. UNLESS NOTED OTHERWISE COLUMN CENTERLINES SHALL BE CENTERLINES OF COLUMN FOOTINGS.

8. HEAVY GRADING EQUIPMENT SHALL NOT BE ALLOWED WITHIN THE HEIGHT OF THE WALL (HORIZONTALLY) OF BASEMENT OR CANTILEVER RETAINING WALLS.

SLAB ON GRADE:

1. CONTROL JOINTS FOR SLAB ON GRADE SHALL BE LOCATED AS SHOWN ON PLAN, WITH A MAXIMUM JOINT SPACING OF 2 1/2 TIMES THE SLAB THICKNESS IN FEET. JOINTS SHALL BE FORMED USING SAW CUTS 1/8" WIDE (MAXIMUM) BY T/4 (1 1/4" MIN.) DEEP. SAW CUT AS SOON AS PRACTICAL AND WITHIN 12 HOURS AFTER PLACING CONCRETE. JOINTS SHALL BE FILLED WITH SEMI-RIGID EPOXY JOINT FILLER (CONSPEC POLUREA JOINTFILL (OR EQUIVALENT).

2. SIDEWALKS AND OTHER EXTERIOR SLABS ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL, SITE AND CIVIL DRAWINGS FOR LOCATIONS, DIMENSIONS AND ELEVATIONS.

3. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF DEPRESSED SLAB AREAS AND DRAINS. FLOOR SLABS SHALL SLOPE TO ALL FLOOR DRAINS. GENERAL CONTRACTOR SHALL COORDINATE WITH PLUMBING DRAWINGS - TYPICAL.

4. USE EVAPORATION RETARDER ONE OR MORE TIMES AFTER THE STRIKEOFF WHEN HIGH TEMPERATURES, LOW HUMIDITY AND/OR WIND WILL CAUSE CRUSTING AND PLASTIC CRACKING.

5. EXPOSED FLOOR SLAB AREAS ARE TO RECEIVE 2 - COATS OF 25% MIN. SOLIDS ACRYLIC HARDENER AND SEAL (SPEC CHEM'S CURE AND SEAL WB 25 OR SPEC CHEM'S CURE AND SEAL 25UV, OR EQUIVALENT). APPLICATION IS TO CONFORM TO MANUFACTURER'S SPECIFICATIONS. FIRST COAT IS FOR CURING, SECOND COAT IS FOR SEALING AND DUST PROOFING AFTER BUILDING CONSTRUCTION COMPLETION. FIRST COAT ONLY REQUIRED WHERE SLAB IS RECEIVING FLOOR COVERING.

6. SEE GEOTECHNICAL REPORT/GEOTECHNICAL ENGINEER FOR VAPOR RETARDER AND UNDERSLAB DRAINAGE FILL REQUIREMENTS. VAPOR RETARDER SHALL BE 10 MIL AND MEET ASTM E 1745 CLASS A INSTALLED PER ASTM E 1643 WITH LAPPED JOINTS NOT LESS THAN 6 INCHES.

CONCRETE:

1. CONCRETE SHALL BE PROPORTIONED TO MEET THE REQUIREMENTS OF THE FOLLOWING:

ELEMENT	28-DAY STRENGTH (PSI)	SLUMP RANGE (IN.)	UNIT WEIGHT (PCF)
COLUMN FOOTINGS	3000	3-5	150
WALL FOOTINGS	3000	3-5	150
SLAB ON GRADE	3000	3-4	150

2. PORTLAND CEMENT SHALL BE ASTM C 150, TYPE I. FLY ASH SHALL CONFORM TO ASTM C 618, CLASS F AND SHALL NOT EXCEED 25% OF CEMENT CONTENT BY WEIGHT. SLAG SHALL CONFORM TO ASTM C 989.

3. NORMAL WEIGHT AGGREGATE SHALL CONFORM TO ASTM C 33. CONCRETE AGGREGATE GRADATION SHALL BE IN ACCORDANCE WITH ASTM C33 SPECIFICATION. "SPECIFICATION FOR CONCRETE AGGREGATE". FINE AGGREGATE SHALL CONSIST OF NATURAL SAND OR A COMBINATION THEREOF, WITH A FINENESS MODULUS BETWEEN 2.3 AND 3.1. LARGER COURSE AGGREGATE MIXES UP TO #67 ARE ACCEPTABLE FOR FLOOR SLAB CONCRETE TO MINIMIZE SHRINKAGE CRACKING.

4. FLY ASH AND/OR SLAG SHALL NOT BE PERMITTED IN CONCRETE PLACED SUBJECT TO COLD WEATHER PLACEMENT PROCEDURES.

5. CONCRETE EXCEEDING THE SPECIFIED SLUMP RANGES SHALL BE RETURNED. DO NOT ADD WATER TO THE CONCRETE MIX AT THE JOB SITE WITHOUT THE WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER.

6. ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. ALL WELDED WIRE FABRIC (W.W.F.) SHALL BE ASTM A82 AND A185 COLD DRAWN STEEL WIRE. W.W.F. SHALL BE DELIVERED TO THE JOB SITE IN FLAT SHEETS (NO ROLLS). PLACE SHEETS ON BOLSTERS AT 36" MAXIMUM TO LOCATE IN UPPER THIRD OF SLAB. LAP CONTINUOUS REINFORCING BARS 36 BAR DIAMETERS UNLESS NOTED OTHERWISE. PROVIDE CORNER BARS IN ALL WALLS AND FOOTINGS. BAR SUPPORTS, DESIGN, DETAILING, FABRICATION, AND PLACING OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE ACI CODE AND DETAILING MANUAL AND CRSI'S "MANUAL OF STANDARD PRACTICE".

7. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE:

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.....3"
CONCRETE EXPOSED TO EARTH OR WEATHER:
No. 6 THROUGH No. 18 BARS.....2"
No. 5 AND SMALLER.....1 1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
SLABS, WALLS AND JOISTS:
No. 14 AND No. 18 BARS.....1 1/2"
No. 11 AND SMALLER.....3/4"
BEAMS AND COLUMNS:
PRIMARY REINFORCEMENT, TIES, STIRRUPS AND SPIRALS.....1 1/2"

8. ANCHOR RODS FOR COLUMNS SHALL BE POSITIONED WITH A TEMPLATE PRIOR TO PLACING CONCRETE IN PIER OR FOOTING. NUTS SHALL BE TIGHTENED ON EACH SIDE OF THE TEMPLATE TO HOLD THE ANCHOR BOLTS IN PLACE.

9. CONCRETE DESIGN AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (CODE REFERENCED ACI 318) AND WITH "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315-92). CONCRETE PLACED DURING HOT WEATHER AND COLD WEATHER SHALL MEET THE RECOMMENDATIONS OF ACI/PCA/TCA. CONCRETE SHALL BE SAMPLED AND TESTED BY AN INDEPENDENT TESTING AGENCY IN ACCORDANCE WITH ACI 318.

10. CONCRETE MIXES SHALL BE DESIGNED IN ACCORDANCE WITH ACI 301. WATER SHALL NOT BE ADDED TO THE CONCRETE MIX AT THE JOB SITE WITHOUT THE PRIOR WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER.

11. UNLESS OTHERWISE SHOWN ON ARCHITECTURAL DRAWINGS, PROVIDE 3/4" CHAMFER AT ALL COLUMN, WALL SLAB AND BEAM EDGES THAT ARE EXPOSED TO VIEW IN THE FINAL STRUCTURE.

12. PROVIDE VERTICAL CONTROL OR CONTRACTION JOINTS AT 25' MAXIMUM IN ALL CONCRETE BASEMENT WALLS, RETAINING WALLS, OR SCREENWALLS. PROVIDE VERTICAL EXPANSION JOINTS AT 100' MAXIMUM IN THE LINEAR PLANE OF THE WALL. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS IN AESTHETIC WALLS.

13. FIBER REINFORCEMENT - POLYPROPYLENE FIBRILLATED FIBERS USE AT 1.5 POUNDS PER CUBIC YARD WITH A MINIMUM AVERAGE RESIDUAL STRENGTH OF 45 PSI IN ACCORDANCE WITH ASTM 1399 TESTING - FIBERMESH 300 OR EQUIVALENT.

14. SLAB ON GRADE SHALL HAVE AN OVERALL FLOOR FLATNESS (FF) OF 25 WITH A MINIMUM LOCAL VALUE OF 17 AND AN OVERALL FLOOR LEVELNESS (FL) OF 20 WITH A MINIMUM LOCAL VALUE OF 15.

MASONRY:

1. MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATION FOR MASONRY STRUCTURES (CODE REFERENCED ACI 530.1)" AND NCMA SPECIFICATION TEK NOTES AND BIA TECHNICAL NOTES ON BRICK CONSTRUCTION. CONTINUOUS INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

2. ALL HOLLOW CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C-90, LIGHTWEIGHT. MINIMUM NET COMPRESSIVE STRENGTH (f'm) SHALL BE 1,500 PSI. FILL BLOCK CELLS WHERE REBAR OCCURS SOLID WITH GROUT. SUBMIT VERIFICATION OF ALL MATERIALS TO ARCHITECT FOR APPROVAL.

3. ALL BRICK UNIT MASONRY SHALL CONFORM TO ASTM C-216, GRADE SW, TYPE FBS. MINIMUM NET COMPRESSIVE STRENGTH (f'm) SHALL BE 3,000 PSI. VERIFICATION OF ALL MATERIALS TO ARCHITECT FOR APPROVAL.

4. MORTAR SHALL BE PORTLAND CEMENT-LIME MIX (PORTLAND CEMENT SHALL COMPLY WITH ASTM C 150, TYPE I OR III, AND HYDRATED LIME COMPLYING WITH ASTM C 270) OR MORTAR CEMENT ASTM C 1329 - TYPE S, THE USE OF MASONRY-CEMENT IS STRICTLY FORBIDDEN. AGGREGATE FOR MORTAR SHALL COMPLY WITH ASTM C 144.

5. GROUT FOR UNIT MASONRY SHALL COMPLY WITH ASTM C 476 (SLUMP 8 TO 11 INCHES). AGGREGATE FOR GROUT SHALL COMPLY WITH ASTM C404. COMPRESSIVE STRENGTH SHALL BE GREATER THAN OR EQUAL TO 2,000 PSI OR f'm, WHICHEVER IS GREATER. TESTING SHALL BE DONE IN AN ABSORBENT MOLD IN ACCORDANCE WITH ASTM C 1019.

6. MASONRY JOINT REINFORCEMENT SHALL COMPLY WITH ASTM A-951 AND SHALL BE HOT DIPPED GALVANIZED, CARBON STEEL. BRICK TIES SHALL CONFORM TO SEISMIC DESIGN CATEGORY REQUIREMENTS (SUBMIT FOR APPROVAL). BRICK TIES USED IN SEISMIC DESIGN CATEGORY A, B, C SHALL BE SPACED AT 16" VERTICAL AND 24" HORIZONTAL. PROVIDE IN LENGTHS NOT LESS THAN 10 FEET IN LENGTH WITH PREFABRICATED CORNER AND TEE UNITS. FOR MULTIWYTHE MASONRY PROVIDE ADJUSTABLE 2-PIECE UNITS. PROVIDE CONTINUITY AT CORNERS AND WALL INTERSECTIONS BY USING PREFABRICATED "L" AND "T" SECTIONS. LAP REINFORCEMENT A MINIMUM OF 6". SPACE REINFORCEMENT NOT MORE THAN 16" O.C. PROVIDE REINFORCEMENT NOT MORE THAN 8" ABOVE OR BELOW WALL OPENINGS AND EXTENDING 24" BEYOND OPENINGS. CUT REINFORCEMENT AT CONTROL AND EXPANSION JOINTS UNLESS NOTED OTHERWISE.

7. ALL BOND BEAM REINFORCING AT FLOOR AND ROOF DIAPHRAGMS SHALL BE CONTINUOUS THROUGH MASONRY CONTROL JOINTS - UNLESS NOTED OTHERWISE.

8. PROVIDE VERTICAL CONTROL JOINTS AT 1.5 TIMES WALL HEIGHT OR 25' MAXIMUM (WHICHEVER IS LEAST). SEE ARCHITECTURAL DRAWINGS.

9. THE MASONRY CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY WALL BRACING DURING CONSTRUCTION.

10. THE MINIMUM QUALITY ASSURANCE PROGRAM FOR NON-ESSENTIAL FACILITIES SHALL COMPLY WITH TABLE 1.14.2 OF ACI 530.

STRUCTURAL STEEL:

1. ALL W-SHAPE STRUCTURAL STEEL SHALL BE ASTM A992, ALL OTHER STRUCTURAL SHAPES SHALL BE ASTM A-36, SQUARE OR RECTANGULAR HSS SHAPES SHALL CONFORM TO ASTM A-500, GRADE B, ROUND HSS SHAPES SHALL CONFORM TO ASTM A-500, GRADE B, STRUCTURAL STEEL PIPE COLUMNS SHALL CONFORM TO ASTM A-501 OR ASTM A-53, TYPE E OR S, GRADE B. DESIGN, DETAILING, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE AISC CODE AND DETAILING MANUAL. NO STRUCTURAL MEMBERS SHALL BE SPLICED EXCEPT AS SHOWN ON APPROVED SHOP DRAWINGS.

2. FABRICATOR IS SOLELY RESPONSIBLE FOR THE DESIGN OF THE CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS. REVIEW OF STRUCTURAL STEEL CONNECTIONS BY WGPM, INC. IS FOR GENERAL DESIGN INTENT ONLY. FOR THE PURPOSE OF CONNECTION DESIGN, THE FABRICATOR SHALL RETAIN A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT. THE ENGINEER SHALL SEAL, SIGN AND SUBMIT DESIGN CALCULATIONS FOR ALL NON-STANDARD AND LATERAL RESISTING CONNECTION DESIGNS. A NOTE SHOULD ACCOMPANY THE SEAL STATING THAT THE SEAL IS FOR "CONNECTION DESIGN ONLY" AND DOES NOT INCLUDE RESPONSIBILITY FOR MEMBER OR BUILDING DESIGN, DIMENSIONS, FITUP, ERECTION AND ETC. GENERALLY CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW THE RELATIONSHIP OF THE MEMBERS. CONNECTIONS SHALL BE DESIGNED FOR REACTIONS SHOWN ON CONTRACT STRUCTURAL DRAWINGS, IF REACTIONS ARE NOT SHOWN ON CONTRACT STRUCTURAL DRAWINGS, DESIGN FOR ONE HALF (1/2) THE ALLOWABLE LOAD ON THE MEMBER, USING THE AISC "ALLOWABLE UNIFORM LOAD TABLES" WITH GIVEN BEAM SPAN, OR A MINIMUM OF 10 KIPS, WHICHEVER IS GREATEST. MEMBER FORCES AND REACTIONS HAVE BEEN REDUCED IN CONFORMANCE TO CODE PROVISIONS RELATED TO COMBINATIONS OF LOADINGS THAT INCLUDE WIND AND SEISMIC FORCES. NO FURTHER REDUCTIONS IN FORCES OR INCREASED IN ALLOWABLE STRESSES IS PERMITTED. CONNECTIONS MAY BE BOLTED OR WELDED UNLESS NOTED OTHERWISE.

3. FABRICATOR SHALL BE CATEGORY I CERTIFIED (CONVENTION STEEL STRUCTURES), OR A COMPANY SPECIALIZING IN PROJECTS OF THIS NATURE WITH A MINIMUM OF 5 YEARS OF EXPERIENCE.

4. ALL SHOP AND FIELD WELDING SHALL BE BY A CERTIFIED WELDER AND SHALL CONFORM TO AWS STANDARDS (LATEST EDITION). FIELD FILLET WELDS GREATER THAN 1/4" THICKNESS SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY.

5. WHERE CAMBER IS NOT PRESENT ERECT MILL CAMBER UP.

6. SEE ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS STEEL NOT SHOWN ON STRUCTURAL DRAWINGS.

7. GALVANIZE OR PAINT ALL EXTERIOR EXPOSED STRUCTURAL STEEL, SEE ARCHITECTURAL DRAWINGS.

TIMBER/WOOD/PLYWOOD/OSB:

1. A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF THE PROJECT SHALL DESIGN WOOD TRUSSES. DESIGN FOR ALL CODE REQUIRED LIVE, SNOW AND WIND LOADS. DESIGNS SHALL BE SEALED AND SIGNED BY HIM/HER AND SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. FABRICATION SHALL BE BY A MEMBER OF THE TRUSS PLATE INSTITUTE, INC. SUBMIT SHOP DRAWINGS SHOWING LAYOUT OF TRUSSES AND STRUCTURAL FRAMING INCLUDING ARRANGEMENT, DIMENSIONS, MATERIALS, GRADES, STRESS VALUES, CONNECTORS, ANCHORAGE, AND RELATION TO ADJACENT WORK TO ARCHITECT FOR APPROVAL. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING MINIMUM LOADS:

FLOOR TRUSSES:
TOP CHORD DEAD LOAD 22.0 PSF
BOTTOM CHORD DEAD LOAD 13.0 PSF
TOP CHORD LIVE LOAD 40.0 PSF

ROOF TRUSSES:
TOP CHORD DEAD LOAD 8.0 PSF
BOTTOM CHORD DEAD LOAD 12.0 PSF
TOP CHORD LIVE LOAD 20.0 PSF
BOTTOM CHORD LIVE LOAD (WHERE CODE REQUIRED) 10.0 PSF

GENERAL CONTRACTOR SHALL PROVIDE TRUSS SUPPLIER WITH SPRINKLER LAYOUT PLAN WITH HANGER LOCATIONS AND WEIGHTS. GENERAL CONTRACTOR SHALL PROVIDE TRUSS SUPPLIER WITH ALL OTHER HVAC/ELECTRICAL HANGING LOADS.

2. ALL TEMPORARY TRUSS BRACING REQUIRED FOR ERECTION, AS PER THE GUIDELINES SET FORTH BY THE TRUSS PLATE INSTITUTE PUBLICATION "HIB-91", SHALL BE PERMANENTLY ATTACHED AND REMAIN IN PLACE TO SERVE AS PERMANENT TRUSS BRACING UNLESS NOTED OTHERWISE.

3. TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, DRILLED OR ALTERED IN ANY OTHER MANNER WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER RESPONSIBLE FOR DESIGNING THE TRUSSES.

4. LOAD BEARING PARTITIONS, JACKS, BEAMS AND COLUMN SUPPORTS MUST BE SOLID BLOCKED THROUGH FLOOR. TRUSSES AND PLYWOOD CANNOT SUPPORT CONCENTRATED POINT LOADS. I-JOIST MATERIAL SHOULD NOT BE USED AS BLOCKING UNDER CONCENTRATED POINT LOADS. ALL POINT LOADS MUST BE CARRIED TO FOUNDATIONS WITH ADEQUATE BLOCKING AND/OR BEAMS.

5. TRUSS LAYOUTS AND CONFIGURATIONS SHOWN ARE SCHEMATIC ONLY AND MAY BE ALTERED AS REQUIRED. COORDINATE TRUSS CONFIGURATIONS WITH ALL ARCHITECTURAL REQUIREMENTS AND OTHER TRADES.

6. WOOD TRUSSES SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR THE SAFE ERECTION AND PERFORMANCE OF THE TRUSSES. PLYWOOD/OSB ROOF SHEATHING SHALL RUN CONTINUOUS UNDER ALL VALLEY/OVERBUILD TRUSSES - TYPICAL.

7. WOOD TRUSSES USED IN THE POOL BUILDING MUST BE INSPECTED BIANNUALLY. A MOISTURE BARRIER AT THE BOTTOM CHORD OF THE TRUSSES MUST BE INSTALLED. TRUSS PLATES SHALL HAVE TWO COATS OF EPOXY ASPHALT PAINT MINIMUM. AN ACTIVE ATTIC EXHAUST FAN MUST BE INSTALLED.

8. PROVIDE MINIMUM OF TWO (2) STUDS UNDER 2-PLY TRUSSES, THREE (3) STUDS UNDER 3-PLY TRUSSES AND FOUR (4) STUDS UNDER 4-PLY TRUSSES UNLESS NOTED OTHERWISE.

9. MICRO=LAM (LVL) TIMBER SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE DESIGN STRESSES: BENDING STRESS, Fb = 2,600 PSI, HORIZONTAL SHEAR STRESS, Fv = 285 PSI, AND MODULUS OF ELASTICITY, E = 1,900,000 PSI - CONNECT MULTIPLE MEMBERS TOGETHER AS PER MANUFACTURERS RECOMMENDATIONS.

10. ALL WOOD CONNECTORS, ANCHORS, FASTENERS, TIES, STRAPS, BASES, CAPS, ETC. SHALL BE SIMPSON "STRONG-TIE" (OR EQUIVALENT). CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL MEET THE REQUIREMENTS OF ASTM A653 (CLASS G185) OR ASTM A153.

11. ALL FRAMED LUMBER SHALL BE SOUTHERN PINE NO. 2 (SURFACED AT 19% MOISTURE CONTENT) OR BETTER - UNLESS NOTED OTHERWISE. ALL STUD TOP AND BOTTOM PLATES SHALL BE SOUTHERN PINE STUD GRADE OR BETTER.

12. ALL LOAD BEARING TIMBER WALL STUDS - SEE WALL STUD SCHEDULE SHEET S002.

13. ALL TIMBER/WOOD/PLYWOOD/OSB IN CONTACT WITH CONCRETE OR MASONRY OR EXPOSED TO THE EXTERIOR SHALL BE PRESSURE TREATED.

14. ALL WOOD CONNECTIONS SHALL NOT BE LESS THAN THOSE SPECIFIED IN TABLE 2304.9.1 OF THE CURRENT NORTH CAROLINA BUILDING CODE/IBC UNLESS NOTED OTHERWISE. LEAD HOLES FOR LAG SCREWS SHALL BE IN ACCORDANCE WITH NDS REQUIREMENTS.

15. GENERAL CONTRACTOR SHALL COORDINATE LOCATION OF TRUSSES WITH OTHER TRADES - SHIFT TRUSSES A MAXIMUM OF 3 1/2" AS REQUIRED.

16. ALL NON TONGUE AND GROOVE PLYWOOD/OSB PANELS SHALL HAVE 1/8" GAP AT ALL PANEL EDGES. PROVIDE SIMPSON PSCL (OR EQUIVALENT) PLYWOOD CLIPS @ 24" AT PANEL EDGES OF ALL ROOF PLYWOOD/OSB SHEATHING. WHERE SHEATHING IS APPLIED TO BOTH SIDES OF A SHEAR WALL PROVIDE DOUBLE STUDS OR STAGGER SHEATHING JOINTS.

17. WALL SHEATHING SHALL LAP AND CONNECT TO FOUNDATION SILL PLATE AND LAP PAST WALL PLATES TO CONNECT TO UPPER STORY FLOOR PLATE - PROVIDE EDGE PATTERN NAILING. PROVIDE 2x BLOCKING AT ALL EDGES.

18. ALL TIMBER/WOOD POSTS GREATER THAN 5" IN SIZE SHALL BE SOUTHERN PINE, NO. 2 DENSE SR OR BETTER. TYPICAL UNLESS NOTED OTHERWISE.

FLAT ROOFS:

1. FLAT ROOFS SHALL HAVE CONTROLLED DRAINAGE PROVISIONS AND SHALL BE EQUIPPED WITH A SECONDARY DRAINAGE SYSTEM AT A HIGHER ELEVATION WHICH PREVENTS PONDING ON THE ROOF ABOVE THAT ELEVATION. THE SECONDARY DRAINAGE SYSTEM SHALL BE POSITIONED SO THAT A 3" MAXIMUM DEPTH OF WATER WILL POND ON THE ROOF DURING THE DESIGN RAINSTORM. THE DESIGN OF THE ROOF DRAINAGE, SECONDARY DRAINAGE AND/OR OVERFLOW SCUPPERS IS BEYOND THE SCOPE OF THE STRUCTURAL ENGINEER'S SCOPE OF SERVICES.

FOLDING PARTITION:

1. FOLDING PARTITION IS ASSUMED TO BE 10'-0" HIGH WITH A WEIGHT OF 12 PSF. MAXIMUM SUPPORT LIVE LOAD DEFLECTION SHALL BE LIMITED TO 1 1/2". GENERAL CONTRACTOR SHALL VERIFY WITH PARTITION SUPPLIER.

POST-INSTALLED ANCHORS:

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONTRACT DOCUMENTS. CONTRACTOR SHALL OBTAIN APPROVAL FROM STRUCTURAL ENGINEER OF RECORD PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING STEEL REINFORCING. HOLES SHALL BE DRILLED AND CLEANED AS PER MANUFACTURERS RECOMMENDATIONS. ANCHORS SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS. CONTRACTOR INSTALLING ADHESIVE ANCHORS SHALL BE TRAINED BY THE MANUFACTURERS REPRESENTATIVE. THIS TRAINING SHALL INCLUDE HOLE DRILLING, CLEANING AND INSTALLATION METHODS FOR CONSTRUCTION CONDITIONS ON THIS PROJECT.

*CONCRETE ANCHORS SEISMIC DESIGN CATEGORY A, B, C, D, E, AND F:
1) EXPANSION ANCHORS - "STRONG-BOLT 2" OR "STRONG-BOLT" BY SIMPSON STRONG-TIE, "KWIK BOLT TZ" BY HILTI OR EQUIVALENT, "POWER STUD+ SD1" BY POWERS FASTENERS - UNLESS NOTED OTHERWISE.
2) CONCRETE ADHESIVE ANCHORS - "SET-XP EPOXY-TIE" BY SIMPSON STRONG-TIE, "HIT-RE 500-SD" OR "HIT-HY 150 MAX-SD" BY HILTI OR EQUIVALENT - UNLESS NOTED OTHERWISE.
3) SCREW ANCHORS - "TITEN HD" BY SIMPSON STRONG-TI, "KWIK HUS-EZ" BY HILTI OR EQUIVALENT.
4) SLEEVE ANCHORS - "HSL-3" BY HILTI OR EQUIVALENT.

*MASONRY ANCHORS:
1) EXPANSION ANCHORS - "WEDGE-ALL" BY SIMPSON STRONG-TIE, "KWIK BOLT 3" BY HILTI OR EQUIVALENT - UNLESS NOTED OTHERWISE.
2) ADHESIVE ANCHORS (GROUT FILLED) - "SET EPOXY-TIE" BY SIMPSON STRONG-TIE, "HIT-HY 150 MAX" BY HILTI OR EQUIVALENT - UNLESS NOTED OTHERWISE.
3) ADHESIVE ANCHORS (HOLLOW CMU OR BRICK) - "SET EPOXY-TIE" BY SIMPSON STRONG-TIE, "HIT-HY 70" BY HILTI OR EQUIVALENT - UNLESS NOTED OTHERWISE.
4) SCREW ANCHORS - "TITEN HD" BY SIMPSON STRONG-TIE, "HUS-H" BY HILTI OR EQUIVALENT.
5) SLEEVE ANCHORS - "SLEEVE-ALL" BY SIMPS

NOTE! – PLYWOOD/OSB SHEAR WALLS

MAIN WINDFORCE–RESITING SYSTEM SUBJECT TO SPECIAL INSPECTIONS 1705.4.1 INCLUDES PLYWOOD/OSB SHEATHING AND ATTACHMENT, BOTTOM Ⓟ ANCHORS, TENSION TIES, HURRICANE TIES, STRAPS, BLOCKING PANELS, BOLTS, THREADED RODS, AT ALL EXTERIOR WALLS AND INTERIOR SHEAR WALLS (SW), PLYWOOD/OSB FLOOR AND ROOF SHEATHING AND ATTACHMENT.

NOTE! – PLYWOOD/OSB SHEAR WALLS

ALL EXTERIOR WALLS AND INTERIOR SHEAR WALLS (SW) SHALL HAVE 7/16" EXTERIOR GRADE PLYWOOD/OSB SHEATHING. ATTACH SHEATHING TO SUPPORTING MEMBERS USING 8d NAILS. ALL EDGES TO BE BLOCKED WITH 2" NOMINAL FRAMING MEMBERS. NAILS SHALL BE PLACED NOT LESS THAN 3/8" FROM THE PANEL EDGE – SEE SCHEDUE (S002) FOR PANEL EDGE NAIL SPACING – NAIL @ 12" O.C. AT INTERMEDIATE FRAMING MEMBERS. LAYOUT PANELS STAGGERED AND PERPENDICULAR TO WALL STUDS.

NOTE!

ATTACH DOUBLE 2x6 WALL STUDS TOGETHER USING 2 ROWS OF 16d NAILS @ 24" O.C. – TYPICAL

NOTE!

PROVIDE SOLID WOOD BLOCKING FROM ALL STUDS AND MULTIPLE (GANG) STUDS TO BEAM/WALL, STUDS OR FOUNDATION BELOW – TYPICAL

NOTE!

ATTACH GANG STUDS (3 OR MORE STUDS) TOGETHER USING SIMPSON SDS¼x6 SCREWS @ 12" O.C. STAGGERED EACH FACE – TYPICAL WHERE USING 3 OR MORE STUDS TOGETHER

NOTE!

ATTACH WOOD STUDS TO EACH SIDE OF STEEL COLUMNS USING 0.157"ø P.A.F. @ 12" O.C. STAGGERED – TYPICAL

WALL STUD SCHEDULE.

FLOOR	SPECIES	SIZE	SPACING	LOCATION	NOTES
4TH	SPFS STUD	2x6	@ 16" O.C.	CORRIDOR	
	SPFS STUD	2x6	@ 16" O.C.	EXTERIOR	
	SPFS STUD	2x6	@ 16" O.C.	–	INT. SHEAR WALLS
	SPFS STUD	(2)2 – 2x6	–	–	INT. SW – SEE S601
	SPFS STUD	–	–	JAMBS	SEE HEADER SCHEDULE
3RD	SPFS STUD	2x6	@ 16" O.C.	INTERIOR	
	SPFS NO. 2	2x6	@ 16" O.C.	EXTERIOR	
OR	SP STUD	2x6	@ 16" O.C.	EXTERIOR	
	SPFS STUD	2x6	@ 16" O.C.	–	INT. SHEAR WALLS
	SPFS STUD	(2)2 – 2x6	–	–	INT. SW – SEE S601
	SPFS NO. 2	–	–	JAMBS	SEE HEADER SCHEDULE
2ND	SP STUD	2x6	@ 16" O.C.	INTERIOR	
OR	SPFS NO. 2	2x6	@ 16" O.C.	INTERIOR	
	SPFS NO. 2	2x6	@ 16" O.C.	EXTERIOR	
OR	SP STUD	2x6	@ 16" O.C.	EXTERIOR	
	SPFS STUD	2 – 2x6	@ 16" O.C.	–	INT. SHEAR WALLS
	SPFS STUD	(2)2 – 2x6	–	–	INT. SW – SEE S601
	SPFS NO. 2	–	–	JAMBS	SEE HEADER SCHEDULE
1ST	SP NO. 2	2x6	@ 16" O.C.	INTERIOR	
OR	SPFS STUD	2 – 2x6	@ 16" O.C.	INTERIOR	
	SP NO. 2	2x6	@ 16" O.C.	EXTERIOR	
OR	SPFS STUD	2 – 2x6	@ 16" O.C.	EXTERIOR	
	SPFS NO. 2	2 – 2x6	@ 16" O.C.	–	INT. SHEAR WALLS
	SPFS NO. 2	(2)2 – 2x6	–	–	INT. SW – SEE S601
	SPFS NO. 2	–	–	JAMBS	SEE HEADER SCHEDULE

SP STUD INDICATES SOUTHERN PINE STUD GRADE
SP NO. 2 INDICATES SOUTHERN PINE NO. 2
SPFS STUD INDICATES SPRUCE–PINE–FIR(SOUTH) STUD GRADE
SPFS NO. 2 INDICATES SPRUCE–PINE–FIR(SOUTH) NO. 2

SHEAR WALLS SCHEDULE

MARK	FLOOR	PLYWOOD/OSB	NAIL	SPACING	TENSION TIE
SW1	1ST	7/16" ONE (1) SIDE OF WALL	8d	@ 4" O.C.	SIMPSON ATS EACH END OF WALL
	2ND	7/16" ONE (1) SIDE OF WALL	8d	@ 6" O.C.	– SEE S601
	3RD	7/16" ONE (1) SIDE OF WALL	8d	@ 6" O.C.	
	4TH	7/16" ONE (1) SIDE OF WALL	8d	@ 6" O.C.	
SW2	1ST	7/16" ONE (1) SIDE OF WALL	8d	@ 4" O.C.	
– EXT.	2ND	7/16" ONE (1) SIDE OF WALL	8d	@ 6" O.C.	
WALLS	3RD	7/16" ONE (1) SIDE OF WALL	8d	@ 6" O.C.	
	4TH	7/16" ONE (1) SIDE OF WALL	8d	@ 6" O.C.	

* 8d @ 12" O.C. INTERMEDIATE

* ALL TENSION TIES ARE SIMPSON OR EQUIVALENT

STRUCTURAL DESIGN CRITERIA:

DESIGN:

1. STRUCTURAL DESIGN CONFORMS TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2009 EDITION AND ASCE 7-05.

2. BUILDING CATEGORY (T1604.5) II

3. FLOOR LIVE LOADS USED IN DESIGN (POUNDS PER SQUARE FOOT):

RESIDENCE AND CORRIDORS SERVING THEM	40 PSF
PUBLIC ROOMS AND CORRIDORS SERVING THEM	100 PSF
STAIRS	100 PSF

4. BUILDING CODE REQUIRED ROOF LIVE AND SNOW LOAD USED IN DESIGN (POUNDS PER SQUARE FOOT):

LIVE		20 PSF
SNOW - Pg		5 PSF
SNOW - Pf		9 PSF
SNOW EXPOSURE FACTOR, Ce	1.0	
SNOW LOAD IMPORTANCE FACTOR, Is	1.0	
SNOW THERMAL FACTOR, Ct	1.0	

5. DEAD LOADS USED IN DESIGN (POUNDS PER SQUARE FOOT):

FLOOR DEAD LOADS:	
FLOOR FINISH	1 PSF
3/4" GYPCRETE TOPPING	8 PSF
3/4" PLYWOOD	3 PSF
HANGING	4 PSF
MECHANICAL	3 PSF
SPRINKLERS	3 PSF
PARTITIONS	10 PSF
TRUSSES	3 PSF
ROOF DEAD LOADS:	
ROOFING (SINGLE PLY MECHANICALLY FASTENED)	3 PSF
INSULATION	2 PSF
3/4" PLYWOOD	3 PSF
HANGING	3 PSF
MECHANICAL	3 PSF
SPRINKLERS	3 PSF
TRUSSES	3 PSF

6. WIND LOAD DATA:

BASIC WIND SPEED, V	90 MPH
WIND IMPORTANCE FACTOR, Iw	1.0
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT (2009 IBC 1604.1.4)	±0.18

COMPONENT AND CLADDING WIND PRESSURE

	10sf	100sf	500sf
ZONE 4	22.2 PSF	19.2 PSF	17.0 PSF
ZONE 5	27.3 PSF	21.3 PSF	17.0 PSF

CALCULATED WIND BASE SHEARS (FOR MWFRS) Vx = 53.4K Vy = 218.2K

7. SEISMIC LOAD DATA:

COMPLIANCE WITH ASCE 7-05 SECTION 11.7 ONLY? NO

SEISMIC DESIGN CATEGORY B, C & D	
SEISMIC IMPORTANCE FACTOR, Ie	1.0
SOIL SITE CLASS	D
SPECTRAL RESPONSE ACCELERATION - SHORT PERIOD, SDS	0.197g
SPECTRAL RESPONSE ACCELERATION - 1.0 SECOND, SD1	0.131g
SEISMIC DESIGN CATEGORY	B
BASIC SEISMIC-FORCE RESISTING SYSTEM	
BEARING WALL SYSTEM/LIGHT FRAMED WALL W/ WOOD SHEAR WALLS	
RESPONSE MODIFICATION COEFFICIENT, R	6 1/2
DEFLECTION AMPLIFICATION FACTOR, Cd	4
BUILDING HEIGHT LIMIT, FEET	H = NL
EQUIVALENT LATERAL-FORCE PROCEDURE	

SEISMIC BASE SHEAR Vx = 54.8K Vy = 65.4K

ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? SEE CHAPTER 13 OF ASCE 7-05

LATERAL DESIGN CONTROLLED BY: X WIND-Y X SEISMIC-X

SOIL BEARING CAPACITIES:

FIELD TEST (PROVIDED COPY OF TEST REPORT)	1500/2000 PSF
PRESUMPTIVE BEARING CAPACITY	NA
PILE SIZE, TYPE AND CAPACITY	NA

NOTE!

SEE SOILS REPORT FOR FOOTING BEARING ELEVATION INFORMATION – SOILS ENGINEER SHALL FIELD VERIFY TOP OF FOOTING ELEVATIONS – TYPICAL

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
General Notes

Phase
Construction Documents

Project No. 12-111
Prepared by AB LW
Checked by HLW
Date September 16, 2013

Sheet No. S002

Released for

Hampton Inn and Suites

THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTIONS REQUIREMENTS OF THE BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTION SERVICES APPLICABLE TO THIS PROJECT.

THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER AND ARCHITECT OF RECORD. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL, STRUCTURAL ENGINEER AND ARCHITECT OF RECORD. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL, OWNER, STRUCTURAL ENGINEER AND ARCHITECT OF RECORD.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY.

JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

STATEMENT OF SPECIAL INSPECTIONS (INTERNATIONAL BUILDING CODE, 2009 EDITION, CHAPTER 17):

REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. VERIFY MATERIALS BELOW FOOTINGS AND SLAB ON GRADE ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	-	CHAPTER 18
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	-	CHAPTER 18
3. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.	-	X	-	CHAPTER 18
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	X	-	-	CHAPTER 18
5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	-	CHAPTER 18

REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	APPLICABLE ASTM MATERIAL SPECIFICATIONS: AISC 360, SECTION A3.3	-
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	-	X	-	-
2. INSPECTION OF HIGH-STRENGTH BOLTING:				
A. BEARING-TYPE CONNECTIONS.	-	X	AISC 360, SECTION M2.5	1704.3.3
B. SLIP-CRITICAL CONNECTIONS.	X	X		
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	-	ASTM A 6 OR ASTM A 568	1708.4
B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS.	-	-	ASTM A 6 OR ASTM A 568	
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASW STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	-	AISC 360, SECTION A3.5	-
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	-	-	-	-
5. INSPECTION OF WELDING: A. STRUCTURAL STEEL:	-	-		
1. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	X	-	AWS D1.1	1704.3.1
2. MULTIPASS FILET WELDS.	X	-		
3. SINGLE-PASS FILET WELDS > 5/16"	X	-		
4. SINGLE-PASS FILET WELDS < 5/16"	-	X		
5. FLOOR AND DECK WELDS	-	X	AWS D1.3	-
B. REINFORCING STEEL	-	-		
1. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAT ASTM A 706	-	X	AWS D1.4 ACI 318: 3.5.2	-
2. REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	X	-		
3. SHEAR REINFORCEMENT.	X	-		
4. OTHER REINFORCING STEEL.	-	X		
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENT:	-	X	-	1704.3.2
A. DETAILS SUCH AS BRACING AND STIFFENING.	-	-		
B. MEMBER LOCATIONS.	-	-		
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	-			

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	-	X	ACI 318: 3.5, 7.1-7.7	1913.4
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1704.3 ITEM 5B.	-	-	AWS D1.4 ACI 318: 3.5.2	-
3. INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.	X	-	-	1911.5
4. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 4, 5.2-5.4	1904.2.2, 1913.2, 1913.3
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1913.10
6. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 5.9, 5.10	1913.6, 1913.7 1913.8
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 5.11-5.13	1913.9
8. INSPECTION OF PRESTRESSED CONCRETE: A. APPLICATION OF PRESTRESSING FORCES. B. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-SYSTEM.	X X	-	ACI 318: 18.20 ACI 318: 18.18.4	-
9. ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: CH. 16	-
10. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 6.2	-
11. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 6.1.1	-

REQUIRED VERIFICATION AND INSPECTION OF MASONRY CONSTRUCTION: LEVEL 1 INSPECTION

INSPECTION TASK	FREQUENCY OF INSPECTION: CONTINUOUS DURING TASK LISTED	FREQUENCY OF INSPECTION: PERIODICALLY DURING TASK LISTED	REFERENCE FOR CRITERIA: IBC SECTION	REFERENCE FOR CRITERIA: ACI 530/ASCE 5/TMS 402[a]	REFERENCE FOR CRITERIA: ACI 530/ASCE 6/TMS 602[a]
1. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:					
A. PROPORTIONS OF SITE-PREPARED MORTAR.	-	X	-	-	ART. 2.6A
B. CONSTRUCTION OF MORTAR JOINTS.		X			ART. 3.3B
C. LOCATION OF REINFORCEMENT AND CONNECTORS, PRESTRESSING TENDONS AND ANCHORAGES.		X			ART. 3.4,3.6A
D. PRESTRESSING TECHNIQUE.		X			ART. 3.6B
E. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.		X			ART. 2.4B, 2.4H
2. THE INSPECTION PROGRAM SHALL VERIFY:					
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	-	X	-	-	ART. 3.3G
B. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.	-	X	-	SEC. 1.2.2(e), 2.1.4, 3.1.6	-
C. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.	-	X	-	SEC. 1.13	ART. 2.4, 3.4
D. WELDING OF REINFORCING BARS.	X	-	-	SEC. 2.1.10.7.2, 3.3.3.4(B)	-
E. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).	-	X	SEC. 2104.3, 2104.4	-	ART. 1.8C, 1.8D
F. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	-	X	-	-	ART. 3.3B
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:					
A. GROUT SPACE IS CLEAN.	-	X	-	-	ART. 3.2D
B. PLACEMENT OF REINFORCEMENT AND CONNECTORS.		X		SEC. 1.13	ART. 3.4
C. PROPORTION OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDDED TENDONS.		X		-	ART. 2.6B
D. CONSTRUCTION OF MORTAR JOINTS.		X		-	ART 3.3B
4. GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENT PROVISIONS.	X	-	-	-	ART. 3.5
5. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.	X	-	SEC. 2105.2.2, 2105.3	-	ART. 1.4
6. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	-	X	-	-	ART. 1.5

SEISMIC RESISTANCE

Verification/Inspection	Agent No. / MQIA	Inspections: Cont.	Inspections: Periodic	Referenced Standard	IBC Reference	Notes	Design
1. Structural Wood: a.Periodic special inspection is required for nailing, bolting, anchoring and framing components within the seismic–force–resisting system, including wood shear walls, wood diaphragms, drag struts, braces, shear panels and hold downs	1	–	X		1707.3		S

WALL PANELS AND VENEERS

Verification/Inspection	Agent No. / MQIA	Inspections: Cont.	Inspections: Periodic	Referenced Standard	IBC Reference	Notes	Design
1. Architectural wall panels a. Interior b. Exterior	1 1	– –	X 50% X 50%		1704.10		A
2. Masonry veneer (see 2.1–2.6)			X		1704.5		A
3. Exterior insulations and finish systems (EIFS) See Note #1 below			X		1704.12		A

NOTE #1: Special Inspections for EIFS are not required when installed over a water resistive barrier, with a means of draining moisture to the exterior; and not required where installed over concrete or masonry walls.

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Special Inspections

Phase
Construction Documents

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Wright - Gibson - Patton
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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013
Released for	

Sheet No. S003

Hampton Inn and Suites

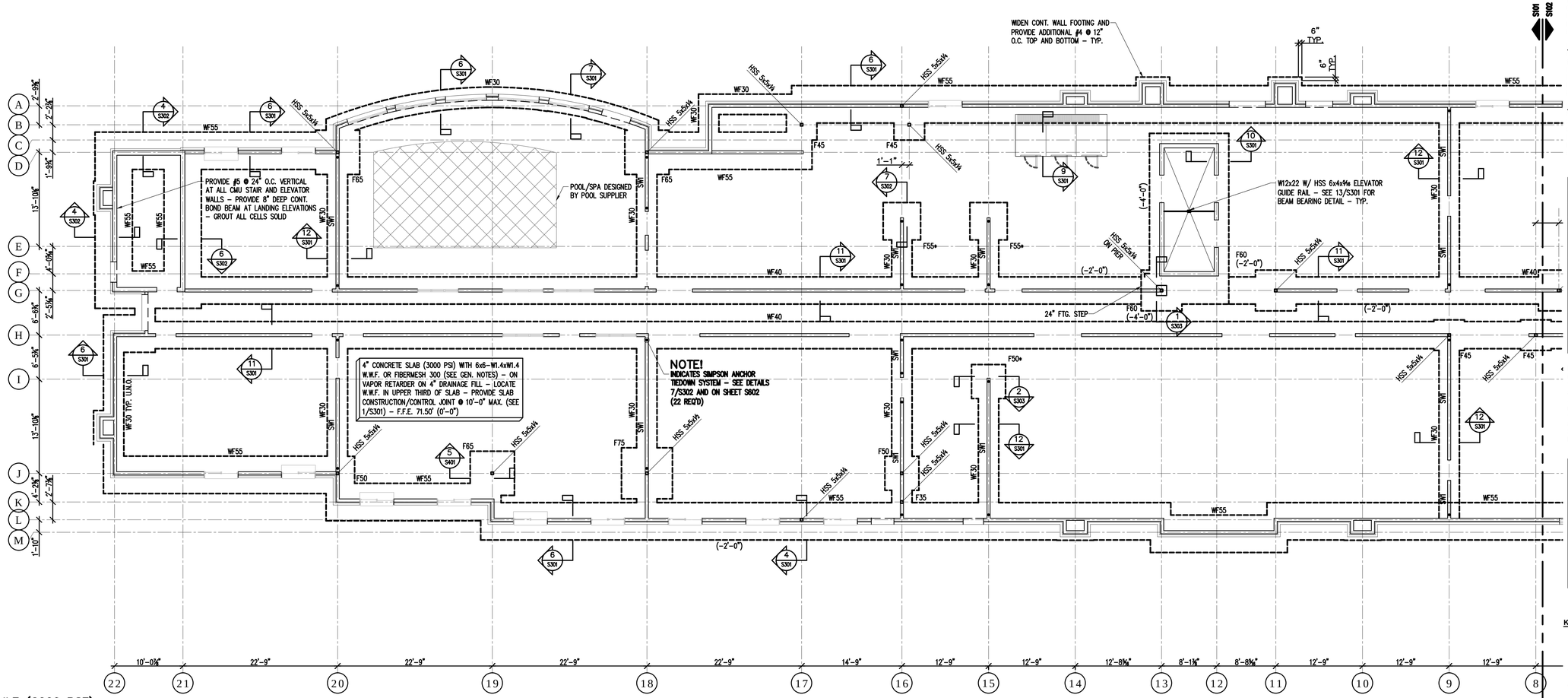
***NOTE!**
SEE 9/301 FOR THICKENED SLAB UNDER WASHER – COORDINATE W/ ARCH. AND PLUMBING DWGS.

NOTE!
GENERAL CONTRACTOR SHALL COORDINATE/VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

NOTE!
SEE 8/S301 AND ARCH/PLUMBING DWGS. FOR SUMP PUMP PIT

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

NOTE!
SEE SOILS REPORT FOR FOOTING BEARING ELEVATION INFORMATION – SOILS ENGINEER SHALL FIELD VERIFY TOP OF FOOTING ELEVATIONS – TYPICAL



FOOTING SCHEDULE (2000 PSF)

MARK	SIZE	THICK.	REINFORCING
F35	3'–6"x3'–6"	1'–0"	4 #4 x3'–0" EACH WAY
F45	4'–6"x4'–6"	1'–0"	7 #4 x4'–0" EACH WAY
F50	5'–0"x5'–0"	1'–0"	5 #5 x4'–6" EACH WAY
F50*	5'–0"x5'–0"	1'–6"	5 #5 x4'–6" E.W.T. & B.
F55*	5'–6"x5'–6"	1'–8"	6 #5 x5'–0" E.W.T. & B.
F60	6'–0"x6'–0"	1'–0"	7 #5 x5'–6" EACH WAY
F65	6'–6"x6'–6"	1'–0"	8 #5 x6'–0" EACH WAY
F65*	6'–6"x6'–6"	1'–6"	8 #5 x6'–0" E.W.T. & B.
F75	7'–6"x7'–6"	1'–2"	8 #6 x7'–0" EACH WAY

SOILS LABORATORY SHALL VERIFY SOIL BEARING PRESSURE AT BOTTOM OF EACH FOOTING PRIOR TO PLACING CONCRETE. STRUCTURAL FILL SUPPORTING SLAB OR FOOTINGS SHALL BE PLACED IN MAXIMUM 8" LIFTS, WITH EACH 8" LIFT TESTED BY LABORATORY FOR COMPACTION LISTED IN GENERAL NOTES.
E.W.T. & B. INDICATES EACH WAY TOP AND BOTTOM

WALL FOOTING SCHEDULE 4,000 PSF SOIL BEARING					
MARK	WIDTH	THICKNESS	LONGITUDINAL REINF.	TRANSVERSE REINF.	COMMENTS
WF30	3'–0"	1'–3"	3 #4 TOP 3 #5 BOTTOM	#3x2'–6" @ 24" O.C. TOP #4x2'–6" @ 24" O.C. BOTTOM	SEE 11/S301 SEE 12/S301
WF40	4'–0"	1'–4"	5 #4 TOP 5 #5 BOTTOM	#4x3'–6" @ 24" O.C. TOP #4x3'–6" @ 16" O.C. BOTTOM	SEE 11/S301 SEE 12/S301
WF55	5'–6"	1'–4"	6 #4 TOP 6 #6 BOTTOM	#4x5'–0" @ 24" O.C. TOP #5x5'–0" @ 16" O.C. BOTTOM	SEE 6/S301 SEE 4 & 6/S302

1/S101 FOUNDATION AND FLOOR SLAB PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED ( ) FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. INTERIOR TOP OF FOOTING – T.O.F. (–1'–4") TYPICAL UNLESS NOTED OTHERWISE.
3. EXTERIOR TOP OF FOOTING – T.O.F. (–1'–4") TYPICAL UNLESS NOTED OTHERWISE.
4. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
5. SEE SHEET S001 AND S002 FOR GENERAL NOTES, WALL STUDS AND WALL SHEATHING NOTES.
6. SEE SHEET S302 FOR COLUMN BASE PLATE AND ANCHOR ROD SCHEDULE.
7. ALL FOOTING STEPS 24" TYPICAL UNLESS NOTED OTHERWISE – SEE 2/S301.
8. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.
9. TOP OF PIER – T.O.P. (–1'–0") TYPICAL UNLESS NOTED OTHERWISE – SEE 1/S303.

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Foundation and Floor Slab Plan

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

Phase
Construction Documents

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Fright · Gibson · Patton
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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No. 12-111
Prepared by AB:LW
Checked by HLW
Date September 16, 2013
Released for

Sheet No. S101

Hampton Inn and Suites

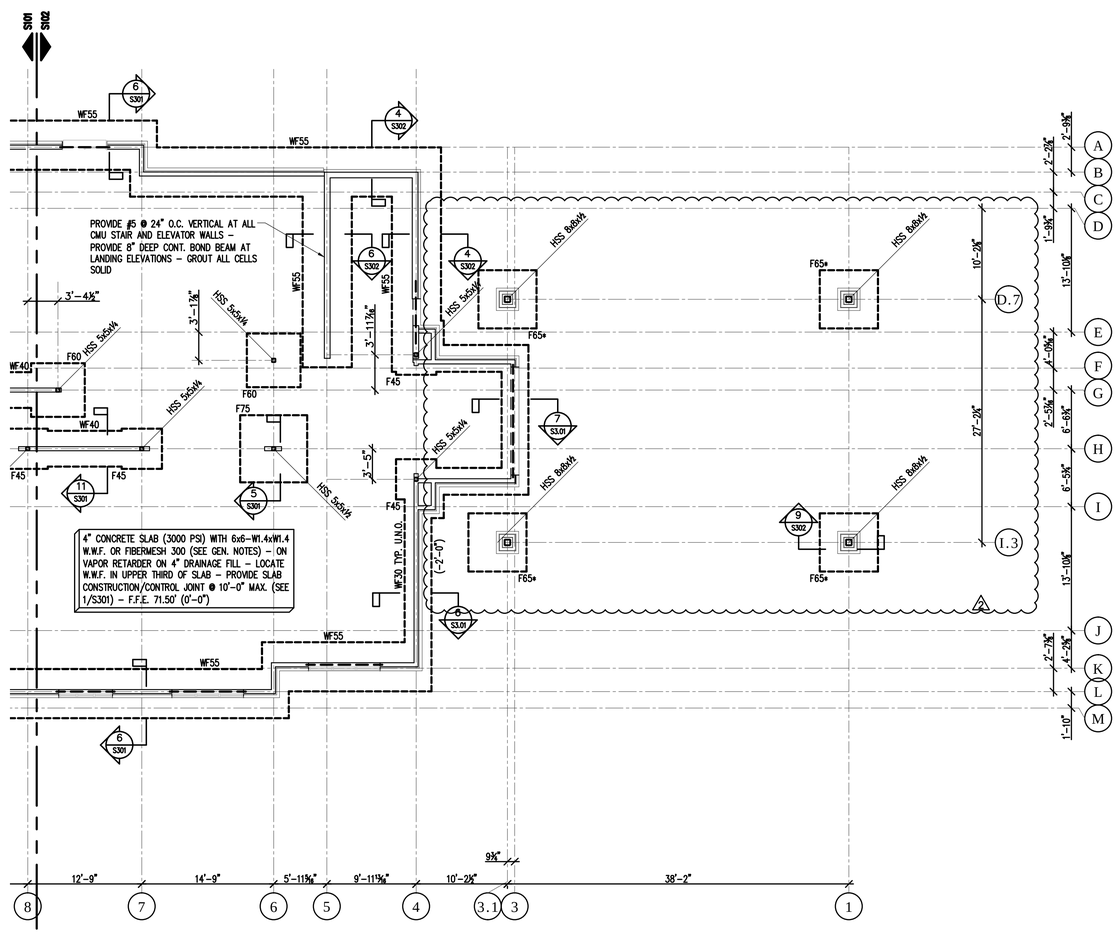
***NOTE!**
SEE 9/301 FOR THICKENED SLAB UNDER WASHER – COORDINATE W/ ARCH. AND PLUMBING DWGS.

NOTE!
GENERAL CONTRACTOR SHALL COORDINATE/VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

NOTE!
SEE 8/S301 AND ARCH/PLUMBING DWGS. FOR SUMP PUMP PIT

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

NOTE!
SEE SOILS REPORT FOR FOOTING BEARING ELEVATION INFORMATION – SOILS ENGINEER SHALL FIELD VERIFY TOP OF FOOTING ELEVATIONS – TYPICAL



FOOTING SCHEDULE (2000 PSF)

MARK	SIZE	THICK.	REINFORCING
F35	3'–6"x3'–6"	1'–0"	4 #4 x3'–0" EACH WAY
F45	4'–6"x4'–6"	1'–0"	7 #4 x4'–0" EACH WAY
F50	5'–0"x5'–0"	1'–0"	5 #5 x4'–6" EACH WAY
F50*	5'–0"x5'–0"	1'–6"	5 #5 x4'–6" E.W.T. & B.
F55*	5'–6"x5'–6"	1'–8"	6 #5 x5'–0" E.W.T. & B.
F60	6'–0"x6'–0"	1'–0"	7 #5 x5'–6" EACH WAY
F65	6'–6"x6'–6"	1'–0"	8 #5 x6'–0" EACH WAY
F65*	6'–6"x6'–6"	1'–6"	8 #5 x6'–0" E.W.T. & B.
F75	7'–6"x7'–6"	1'–2"	8 #6 x7'–0" EACH WAY

SOILS LABORATORY SHALL VERIFY SOIL BEARING PRESSURE AT BOTTOM OF EACH FOOTING PRIOR TO PLACING CONCRETE. STRUCTURAL FILL SUPPORTING SLAB OR FOOTINGS SHALL BE PLACED IN MAXIMUM 8" LIFTS, WITH EACH 8" LIFT TESTED BY LABORATORY FOR COMPACTION LISTED IN GENERAL NOTES.
E.W.T. & B. INDICATES EACH WAY TOP AND BOTTOM

WALL FOOTING SCHEDULE 4,000 PSF SOIL BEARING					
MARK	WIDTH	THICKNESS	LONGITUDINAL REINF.	TRANSVERSE REINF.	COMMENTS
WF30	3'–0"	1'–3"	3 #4 TOP 3 #5 BOTTOM	#3x2'–6" @ 24" O.C. TOP #4x2'–6" @ 24" O.C. BOTTOM	SEE 11/S301 SEE 12/S301
WF40	4'–0"	1'–4"	5 #4 TOP 5 #5 BOTTOM	#4x3'–6" @ 24" O.C. TOP #4x3'–6" @ 16" O.C. BOTTOM	SEE 11/S301 SEE 12/S301
WF55	5'–6"	1'–4"	6 #4 TOP 6 #6 BOTTOM	#4x5'–0" @ 24" O.C. TOP #5x5'–0" @ 16" O.C. BOTTOM	SEE 6/S301 SEE 4 & 6/S302

NORTH

1/S102 FOUNDATION AND FLOOR SLAB PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED ( ) FROM FINISH FLOOR ELEVATION 71.50' (0-0).
2. INTERIOR TOP OF FOOTING - T.O.F. (-1'-4") TYPICAL UNLESS NOTED OTHERWISE.
3. EXTERIOR TOP OF FOOTING - T.O.F. (-1'-4") TYPICAL UNLESS NOTED OTHERWISE.
4. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
5. SEE SHEET S001 AND S002 FOR GENERAL NOTES, WALL STUDS AND WALL SHEATHING NOTES.
6. SEE SHEET S302 FOR COLUMN BASE PLATE AND ANCHOR ROD SCHEDULE.
7. ALL FOOTING STEPS 24" TYPICAL UNLESS NOTED OTHERWISE - SEE 2/S301.
8. SW1 INDICATES SHEAR WALL 1 - SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool E□uip.,
		Ftgs & Rf Slope
2	03.11.14	Canopy

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Foundation and Floor Slab Plan

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

Phase
Construction Documents

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www.wgpminc.com
JOB NUMBER: 57-13

STATE OF LOUISIANA 32240 MARCUS C. GIBSON License No.32774 PROFESSIONAL ENGINEER 9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S102

Released for

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

H1 3 – 2x6 + PLYWOOD FILLER
H2 3 – 2x8 + PLYWOOD FILLER
H3 3 – 2x12 + PLYWOOD FILLER

S1 2 – 2x6 SILL

J1 2 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS
J2 2 – 2x6 JACK STUDS + 2 – 2x6 BYPASS STUDS
J3 2 – 2x6 JACK STUDS + 3 – 2x6 BYPASS STUDS
J4 3 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS

NOTES:

1. ALL HEADERS ARE H1, ALL SILLS ARE S1 AND ALL JAMB STUDS ARE J1 UNLESS NOTED OTHERWISE.

2. PROVIDE DOUBLE JACK (CRIPPLE) STUDS UNDER EACH END OF ALL HEADERS AND DOUBLE BYPASS (KING) STUDS EACH SIDE OF JACK STUDS (U.N.O.) – SEE 8/S302.

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

NOTE!
SEE 11/S403 FOR FOLDING PARTITION HANGER DETAIL – TYPICAL

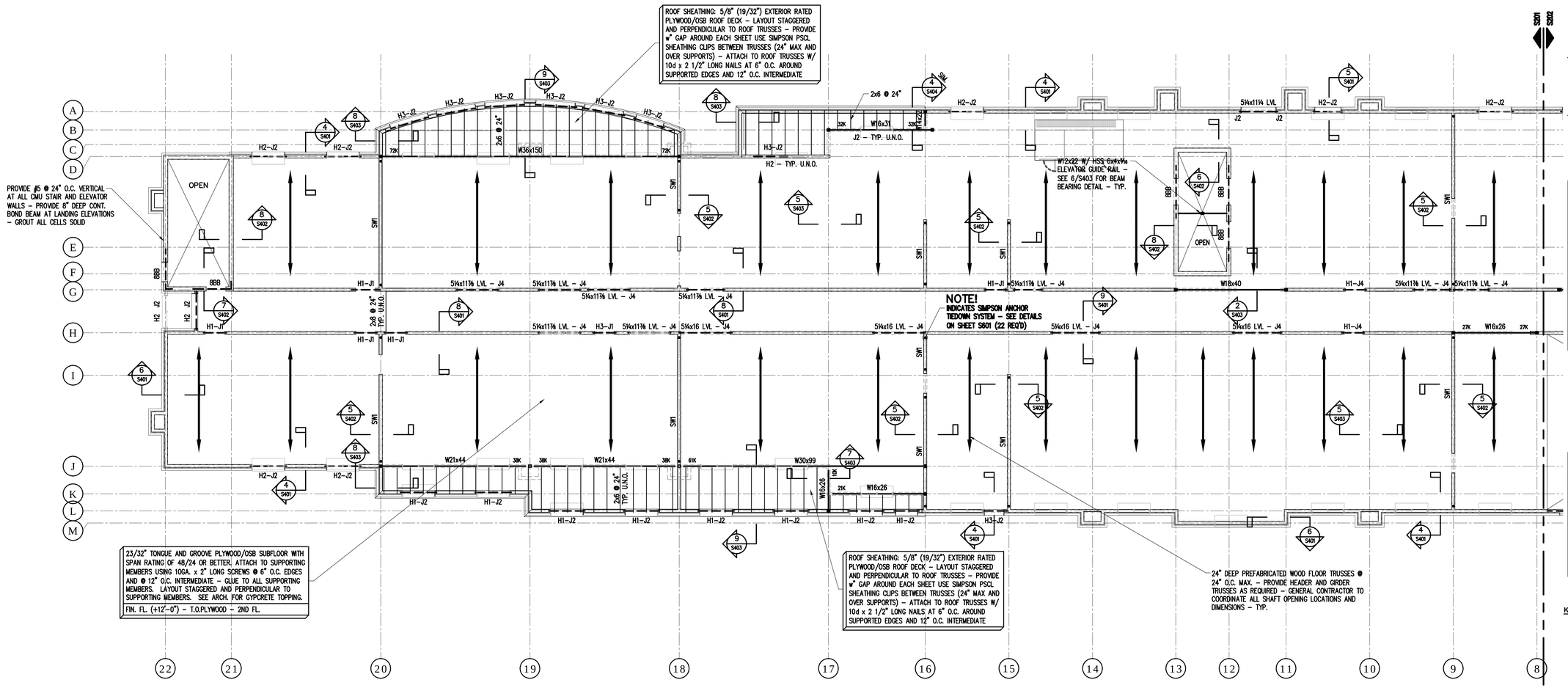
NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

NOTE:
MECHANICAL DUCTWORK RUNS THROUGH TRUSSES – COORDINATE DIAGONALS W/ MECH. CONTR.

NOTE:
MECHANICAL CONTR. SHALL VERIFY SIZE, WEIGHT AND LOCATION OF ALL MECHANICAL UNITS AND OPENINGS PRIOR TO WOOD JOIST FABRICATION. MECH. CONTRACTOR SHALL VERIFY MAGNITUDE AND LOCATION OF POINT LOADS PRIOR TO TRUSS FABRICATION. ALL INFORMATION REGARDING MECHANICAL UNITS ARE BASED ON PROPOSED UNITS. PROVIDE DBL. 2x6 FRAME UNDER MECHANICAL UNIT CURBS BELOW ROOF DECK AND 2x6 FRAME AROUND ROOF OPENINGS – SEE 6/S501 – TYPICAL.

NOTE:
ALL TEMPORARY TRUSS BRACING REQUIRED FOR ERECTION, AS PER THE GUIDELINES SET FORTH BY THE TRUSS PLATE INSTITUTE PUBLICATION "HIB–91" SHALL BE PERMANENTLY ATTACHED AND REMAIN IN PLACE TO SERVE AS PERMANENT TRUSS BRACING UNLESS NOTED OTHERWISE. PROVIDE TRUSS BOTTOM CHORD BRACING AS REQUIRED.

NOTE:
TRUSSES SHALL BE DESIGNED FOR ALL ADDITIONAL LOADS SHOWN ON FRAMING PLANS AND PROVIDE ADDITIONAL TRUSSES IF REQ'D.



KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
FRAME ALL BEAMS OVER STEEL COLUMNS AS SHOWN AND PROVIDE 5⁄16" WEB STIFF R – SEE 4/S404 – TYP. U.N.O.

NOTE!
BB INDICATES 8" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTINUOUS GROUT SOLID – 16BB INDICATES 16" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTNUOUS GROUT SOLID – SEE SECTIONS

NOTE!
PROVIDE LOOSE L6x4x5⁄16 (LLV) BRICK SHELF OVER MASONRY OPENINGS – PROVIDE 8" MINIMUM BEARING OVER SOLID MASONRY EACH END – TYPICAL U.N.O.

NORTH

1/S201 SECOND FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. TRUSS BEARING – T.B. (+9'–11 1/4") TYPICAL UNLESS NOTED OTHERWISE.
3. TOP OF STEEL – T.O.S. (+11'–9 3/4") TYPICAL UNLESS NOTED OTHERWISE
4. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
5. SEE SHEET S001 AND S002 FOR GENERAL NOTES, WALL STUDS AND WALL SHEATHING NOTES.
6. LVL INDICATES MICRO=LAM LVL BY I–LEVEL OR EQUIVALENT.
7. BB INDICATES 8" DEEP BOND BEAM – SEE 5/S302.
8. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Second Floor Framing Plan

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

Phase
Construction Documents

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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
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PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S201

Released for

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

H1 3 – 2x6 + PLYWOOD FILLER
H2 3 – 2x8 + PLYWOOD FILLER
H3 3 – 2x12 + PLYWOOD FILLER

S1 2 – 2x6 SILL

J1 2 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS
J2 2 – 2x6 JACK STUDS + 2 – 2x6 BYPASS STUDS
J3 2 – 2x6 JACK STUDS + 3 – 2x6 BYPASS STUDS
J4 3 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS

NOTES:

1. ALL HEADERS ARE H1, ALL SILLS ARE S1 AND ALL JAMB STUDS ARE J1 UNLESS NOTED OTHERWISE.

2. PROVIDE DOUBLE JACK (CRIPPLE) STUDS UNDER EACH END OF ALL HEADERS AND DOUBLE BYPASS (KING) STUDS EACH SIDE OF JACK STUDS (U.N.O.) – SEE 8/S302.

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

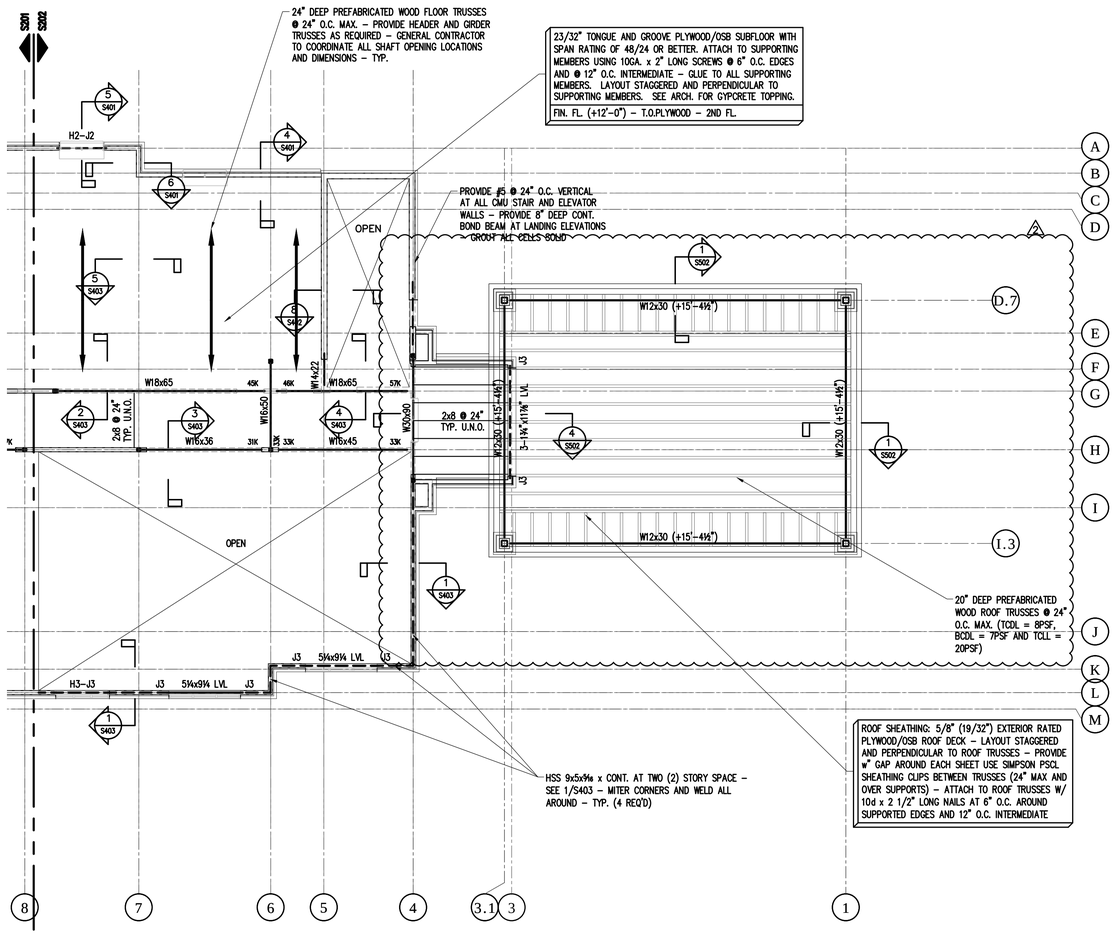
NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

NOTE!
SEE 11/S403 FOR FOLDING PARTITION HANGER DETAIL – TYPICAL

NOTE:
MECHANICAL DUCTWORK RUNS THROUGH TRUSSES – COORDINATE DIAGONALS W/ MECH. CONTR.

NOTE:
ALL TEMPORARY TRUSS BRACING REQUIRED FOR ERECTION, AS PER THE GUIDELINES SET FORTH BY THE TRUSS PLATE INSTITUTE PUBLICATION "HIB–91" SHALL BE PERMANENTLY ATTACHED AND REMAIN IN PLACE TO SERVE AS PERMANENT TRUSS BRACING UNLESS NOTED OTHERWISE. PROVIDE TRUSS BOTTOM CHORD BRACING AS REQUIRED.

NOTE:
TRUSSES SHALL BE DESIGNED FOR ALL ADDITIONAL LOADS SHOWN ON FRAMING PLANS AND PROVIDE ADDITIONAL TRUSSES IF REQ'D.



NOTE!
FRAME ALL BEAMS OVER STEEL COLUMNS AS SHOWN AND PROVIDE 5/16" WEB STIFF R – SEE 4/S404 – TYP. U.N.O.

NOTE!
BB INDICATES 8" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTINUOUS GROUT SOLID – 16BB INDICATES 16" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTNUOUS GROUT SOLID – SEE SECTIONS

NOTE!
PROVIDE LOOSE L6x4x5/16 (LLV) BRICK SHELF OVER MASONRY OPENINGS – PROVIDE 8" MINIMUM BEARING OVER SOLID MASONRY EACH END – TYPICAL U.N.O.

NORTH

1/S202 SECOND FLOOR FRAMING PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. TRUSS BEARING – T.B. (+9'–11 1/4") TYPICAL UNLESS NOTED OTHERWISE.
3. TOP OF STEEL – T.O.S. (+11'–9 3/4") TYPICAL UNLESS NOTED OTHERWISE
4. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
5. SEE SHEET S001 AND S002 FOR GENERAL NOTES, WALL STUDS AND WALL SHEATHING NOTES.
6. LVL INDICATES MICRO=LAM LVL BY I–LEVEL OR EQUIVALENT.
7. BB INDICATES 8" DEEP BOND BEAM – SEE 5/S302.
8. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

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Email: don@shultzeg.com

REVISIONS		
No.	Date	Description
1	11.01.13	Pool E□uip.,
		Ftgs & Rf Slope
2	03.11.14	Canopy

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Second Floor Framing Plan

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S202

Released for

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

H1 3 – 2x6 + PLYWOOD FILLER
H2 3 – 2x8 + PLYWOOD FILLER
H3 3 – 2x12 + PLYWOOD FILLER

S1 2 – 2x6 SILL

J1 2 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS
J2 2 – 2x6 JACK STUDS + 2 – 2x6 BYPASS STUDS
J3 2 – 2x6 JACK STUDS + 3 – 2x6 BYPASS STUDS
J4 3 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS

NOTES:

1. ALL HEADERS ARE H1, ALL SILLS ARE S1 AND ALL JAMB STUDS ARE J1 UNLESS NOTED OTHERWISE.

2. PROVIDE DOUBLE JACK (CRIPPLE) STUDS UNDER EACH END OF ALL HEADERS AND DOUBLE BYPASS (KING) STUDS EACH SIDE OF JACK STUDS (U.N.O.) – SEE 8/S302.

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

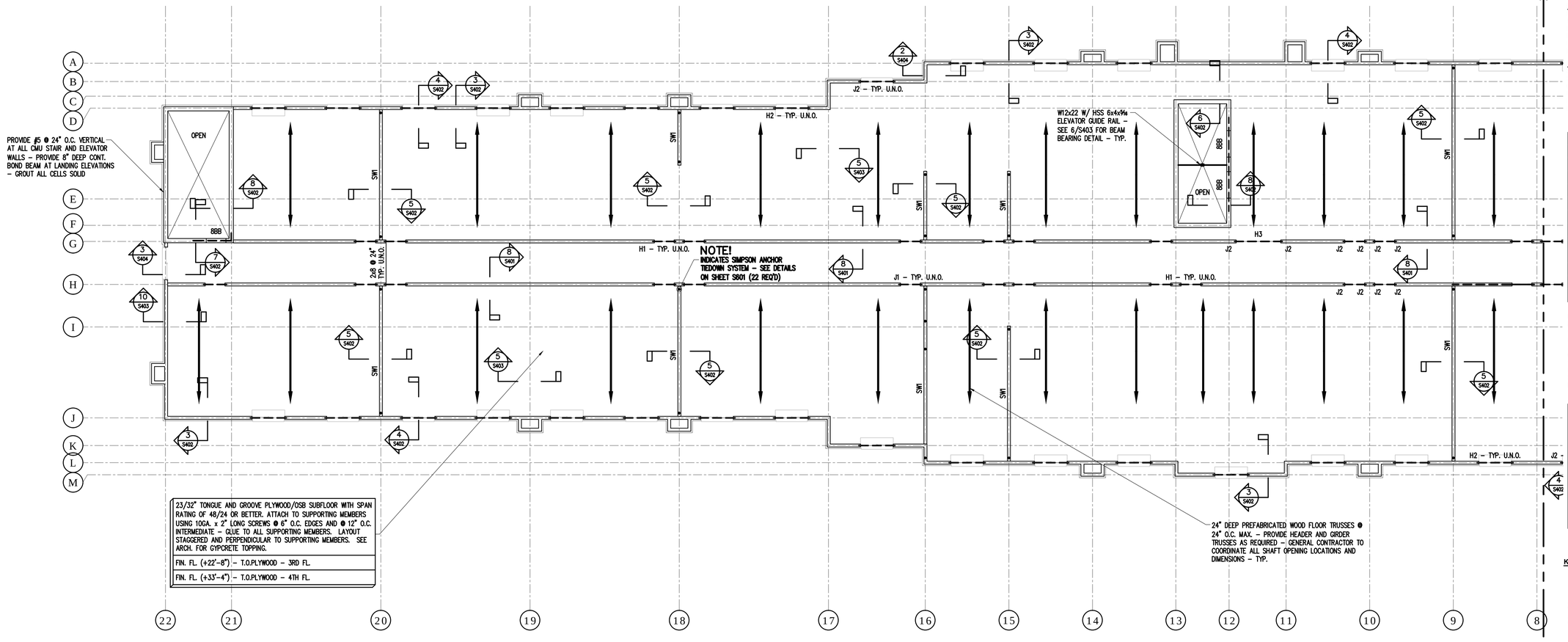
NOTE!
ALL INTERIOR HEADERS ARE H1 AND JAMBS ARE J1 U.N.O. ALL EXTERIOR HEADERS ARE H2 AND JAMBS ARE J2 U.N.O.

NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

NOTE:
MECHANICAL DUCTWORK RUNS THROUGH TRUSSES – COORDINATE DIAGONALS W/ MECH. CONTR.

NOTE:
ALL TEMPORARY TRUSS BRACING REQUIRED FOR ERECTION, AS PER THE GUIDELINES SET FORTH BY THE TRUSS PLATE INSTITUTE PUBLICATION "HIB–91" SHALL BE PERMANENTLY ATTACHED AND REMAIN IN PLACE TO SERVE AS PERMANENT TRUSS BRACING UNLESS NOTED OTHERWISE. PROVIDE TRUSS BOTTOM CHORD BRACING AS REQUIRED.

NOTE:
TRUSSES SHALL BE DESIGNED FOR ALL ADDITIONAL LOADS SHOWN ON FRAMING PLANS AND PROVIDE ADDITIONAL TRUSSES IF REQ'D.



NOTE!
BB INDICATES 8" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTINUOUS GROUT SOLID – 16BB INDICATES 16" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTNUOUS GROUT SOLID – SEE SECTIONS

NORTH

1/S203 THIRD AND FOURTH FLOOR FRAMING PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. TRUSS BEARING – T.B. (+20'–7 1/4") THIRD FLOOR AND (+31'–3 1/4") FOURTH FLOOR – TYPICAL UNLESS NOTED OTHERWISE.
4. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
5. SEE SHEET S001 AND S002 FOR GENERAL NOTES, WALL STUDS AND WALL SHEATHING NOTES.
6. LVL INDICATES MICRO=LAM LVL BY I–LEVEL OR EQUIVALENT.
7. BB INDICATES 8" DEEP BOND BEAM – SEE 5/S302.
8. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Third and Fourth Floor Framing Plan

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

Phase
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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013
Released for	

Sheet No. S203

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

H1 3 – 2x6 + PLYWOOD FILLER
H2 3 – 2x8 + PLYWOOD FILLER
H3 3 – 2x12 + PLYWOOD FILLER

S1 2 – 2x6 SILL

J1 2 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS
J2 2 – 2x6 JACK STUDS + 2 – 2x6 BYPASS STUDS
J3 2 – 2x6 JACK STUDS + 3 – 2x6 BYPASS STUDS
J4 3 – 2x6 JACK STUDS + 1 – 2x6 BYPASS STUDS

NOTES:

1. ALL HEADERS ARE H1, ALL SILLS ARE S1 AND ALL JAMB STUDS ARE J1 UNLESS NOTED OTHERWISE.

2. PROVIDE DOUBLE JACK (CRIPPLE) STUDS UNDER EACH END OF ALL HEADERS AND DOUBLE BYPASS (KING) STUDS EACH SIDE OF JACK STUDS (U.N.O.) – SEE 8/S302.

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

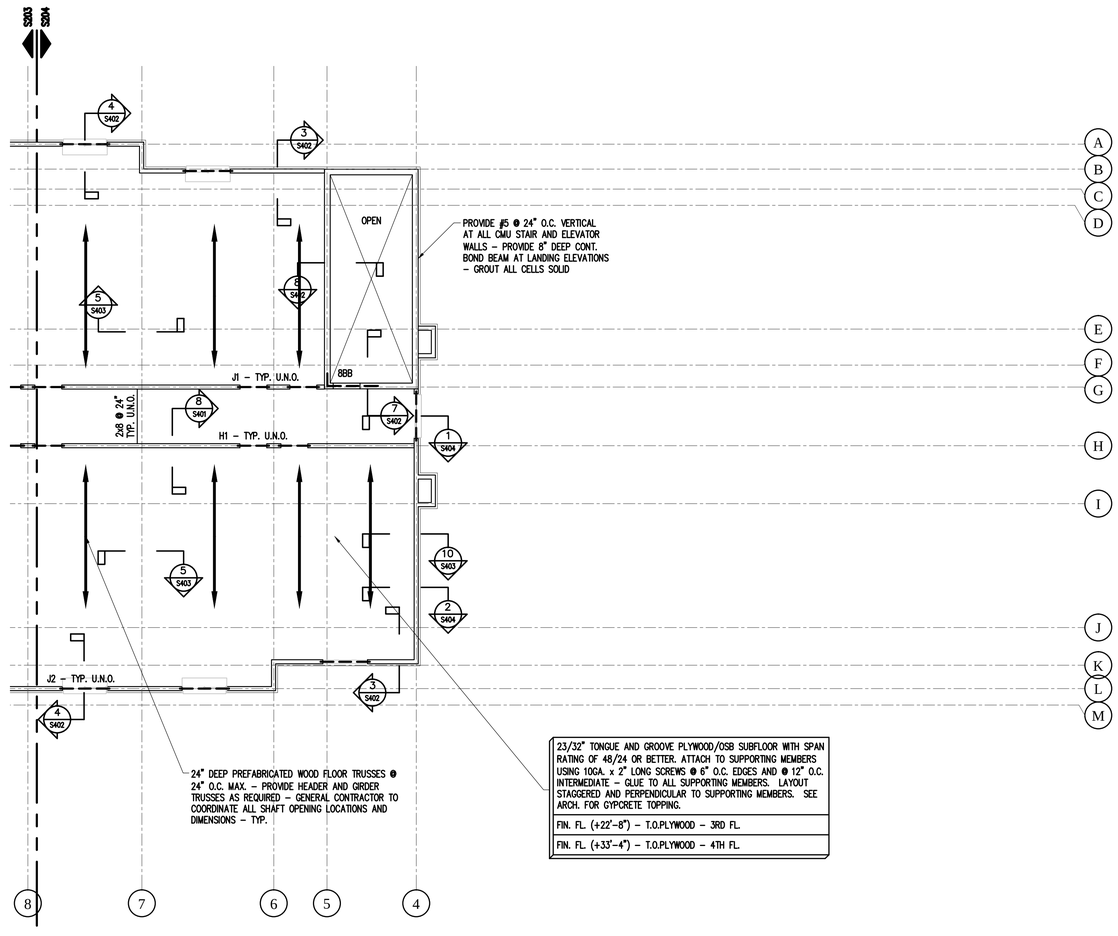
NOTE!
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NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

NOTE:
MECHANICAL DUCTWORK RUNS THROUGH TRUSSES – COORDINATE DIAGONALS W/ MECH. CONTR.

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NOTE:
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NORTH

1/S204 THIRD AND FOURTH FLOOR FRAMING PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. TRUSS BEARING – T.B. (+20'–7 1/4") THIRD FLOOR AND (+31'–3 1/4") FOURTH FLOOR – TYPICAL UNLESS NOTED OTHERWISE.
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7. BB INDICATES 8" DEEP BOND BEAM – SEE 5/S302.
8. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

NOTE!
BB INDICATES 8" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTINUOUS GROUT SOLID – 16BB INDICATES 16" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTNUOUS GROUT SOLID – SEE SECTIONS

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

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Email: lwright@wgpminc.com

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Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

REVISIONS		
No.	Date	Description
1	11.01.13	Pool E□uip.,
		Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Third and Fourth Floor Framing Plan

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

STATE OF LOUISIANA
24246
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S204

Released for

Hampton Inn and Suites

ROOF HEADER, SILL, AND JAMB SCHEDULE

RH1 3 – 2x6 + PLYWOOD FILLER
RH2 3 – 2x8 + PLYWOOD FILLER
RH3 3 – 2x10 + PLYWOOD FILLER
RH4 3 – 2x12 + PLYWOOD FILLER
RH5 3 – 1¾"x9¼" LVL + PLYWOOD FILLER

RS1 1 – 2x6 SILL

RJ1 1 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD
RJ2 1 – 2x6 JACK STUD + 2 – 2x6 BYPASS STUD
RJ3 1 – 2x6 JACK STUD + 3 – 2x6 BYPASS STUD
RJ4 2 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD

NOTES:

1. ALL HEADERS ARE RH1, ALL SILLS ARE RS1 AND ALL JAMB STUDS ARE RJ1 UNLESS NOTED OTHERWISE.

2. PROVIDE DOUBLE JACK (CRIPPLE) STUDS UNDER EACH END OF ALL HEADERS AND DOUBLE BYPASS (KING) STUDS EACH SIDE OF JACK STUDS (U.N.O.) – SEE 8/S302.

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

NOTE!
SEE ARCHITECTURAL DRAWINGS FOR DRAFT STOP TRUSS LOCATIONS – DESIGN TRUSS FOR ADDITIONAL GYPSUM DRYWALL DEAD LOAD – TYPICAL

NOTE!
ALL INTERIOR HEADERS ARE RH1 AND JAMBS ARE RJ1 U.N.O. ALL EXTERIOR HEADERS ARE RH2 AND JAMBS ARE RJ2 U.N.O.

NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

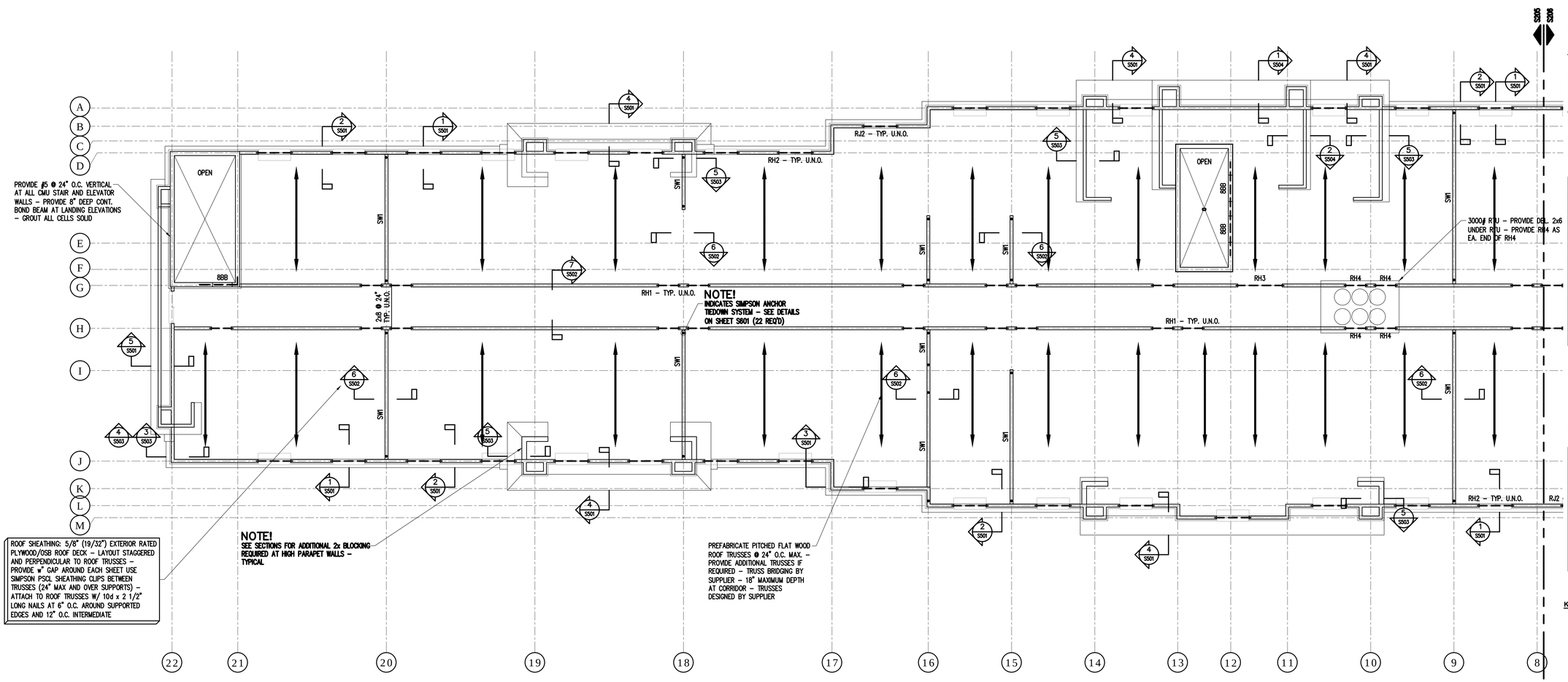
NOTE:
ATTACHMENT OF ALL MECHANICAL UNITS TO SUPPORTING STRUCTURE SHALL BE DESIGNED AND FURNISHED BY MECH. UNIT SUPPLIER TO RESIST LOCAL SEISMIC AND WIND LOADS.

NOTE:
MECHANICAL CONTR. SHALL VERIFY SIZE, WEIGHT AND LOCATION OF ALL MECHANICAL UNITS AND OPENINGS PRIOR TO WOOD JOIST FABRICATION. MECH. CONTRACTOR SHALL VERIFY MAGNITUDE AND LOCATION OF POINT LOADS PRIOR TO TRUSS FABRICATION. ALL INFORMATION REGARDING MECHANICAL UNITS ARE BASED ON PROPOSED UNITS. PROVIDE DBL. 2x6 FRAME UNDER MECHANICAL UNIT CURBS BELOW ROOF DECK AND 2x6 FRAME AROUND ROOF OPENINGS – SEE 6/S501 – TYPICAL.

NOTE:
ALL TEMPORARY TRUSS BRACING REQUIRED FOR ERECTION, AS PER THE GUIDELINES SET FORTH BY THE TRUSS PLATE INSTITUTE PUBLICATION "HIB–91" SHALL BE PERMANENTLY ATTACHED AND REMAIN IN PLACE TO SERVE AS PERMANENT TRUSS BRACING UNLESS NOTED OTHERWISE. PROVIDE TRUSS BOTTOM CHORD BRACING AS REQUIRED.

NOTE:
TRUSSES SHALL BE DESIGNED FOR ALL ADDITIONAL LOADS SHOWN ON FRAMING PLANS AND PROVIDE ADDITIONAL TRUSSES IF REQ'D.

NOTE:
MECHANICAL DUCTWORK RUNS THROUGH TRUSSES – COORDINATE DIAGONALS W/ MECH. CONTR.



NOTE!
PROVIDE DOUBLE 2x6 UNDER RTU CURBS – SEE 6/S501 – TYPICAL

NOTE!
BB INDICATES 8" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTINUOUS GROUT SOLID – 16BB INDICATES 16" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTNUOUS GROUT SOLID – SEE SECTIONS

NOTE!
DESIGN ALL TRUSSES FOR ALL ADDITIONAL LOADS SHOWN ON CONTRACT DRAWINGS – TYPICAL

NORTH

1 S205 ROOF FRAMING PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. TRUSS BEARING – T.B. (+43'–4") – TYPICAL UNLESS NOTED OTHERWISE.
3. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
4. SEE SHEET S001 AND S002 FOR GENERAL NOTES, LOAD BEARING STUDS AND WALL SHEATHING NOTES.
5. LVL INDICATES LVL MICRO=LAM BY I–LEVEL OR EQUIVALENT.
6. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Roof Framing Plan

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

Phase
Construction Documents

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Fright · Gibson · Patton
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11220 Elm Lane, Suite 201
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704-542-7199 Fax: 704-542-7195
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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013
Released for	

Sheet No. S205

Hampton Inn and Suites

ROOF HEADER, SILL, AND JAMB SCHEDULE

RH1 3 – 2x6 + PLYWOOD FILLER
RH2 3 – 2x8 + PLYWOOD FILLER
RH3 3 – 2x10 + PLYWOOD FILLER
RH4 3 – 2x12 + PLYWOOD FILLER
RH5 3 – 1¾"x9¼" LVL + PLYWOOD FILLER

RS1 1 – 2x6 SILL

RJ1 1 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD
RJ2 1 – 2x6 JACK STUD + 2 – 2x6 BYPASS STUD
RJ3 1 – 2x6 JACK STUD + 3 – 2x6 BYPASS STUD
RJ4 2 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD

NOTES:

1. ALL HEADERS ARE RH1, ALL SILLS ARE RS1 AND ALL JAMB STUDS ARE RJ1 UNLESS NOTED OTHERWISE.

2. PROVIDE DOUBLE JACK (CRIPPLE) STUDS UNDER EACH END OF ALL HEADERS AND DOUBLE BYPASS (KING) STUDS EACH SIDE OF JACK STUDS (U.N.O.) – SEE 8/S302.

NOTE!
ALL EXTERIOR WALLS ARE SHEAR WALLS SW2. SW1 INDICATES INTERIOR SHEAR WALL. SEE SHEET S002 FOR SHEAR WALL SCHEDULE.

NOTE!
SEE ARCHITECTURAL DRAWINGS FOR DRAFT STOP TRUSS LOCATIONS – DESIGN TRUSS FOR ADDITIONAL GYPSUM DRYWALL DEAD LOAD – TYPICAL

NOTE!
ALL INTERIOR HEADERS ARE RH1 AND JAMBS ARE RJ1 U.N.O. ALL EXTERIOR HEADERS ARE RH2 AND JAMBS ARE RJ2 U.N.O.

NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

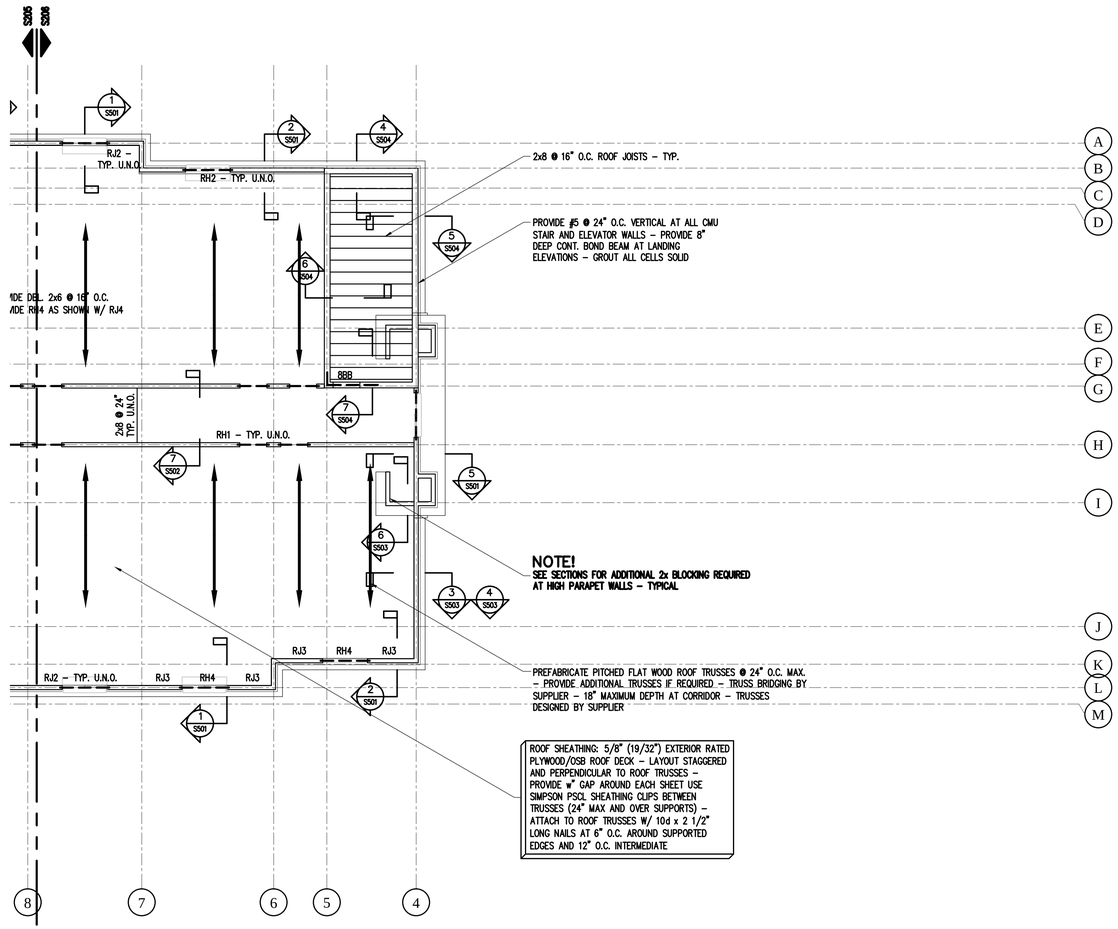
NOTE:
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NOTE:
MECHANICAL CONTR. SHALL VERIFY SIZE, WEIGHT AND LOCATION OF ALL MECHANICAL UNITS AND OPENINGS PRIOR TO WOOD JOIST FABRICATION. MECH. CONTRACTOR SHALL VERIFY MAGNITUDE AND LOCATION OF POINT LOADS PRIOR TO TRUSS FABRICATION. ALL INFORMATION REGARDING MECHANICAL UNITS ARE BASED ON PROPOSED UNITS. PROVIDE DBL. 2x6 FRAME UNDER MECHANICAL UNIT CURBS BELOW ROOF DECK AND 2x6 FRAME AROUND ROOF OPENINGS – SEE 6/S501 – TYPICAL.

NOTE:
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NOTE:
MECHANICAL DUCTWORK RUNS THROUGH TRUSSES – COORDINATE DIAGONALS W/ MECH. CONTR.



NOTE!
PROVIDE DOUBLE 2x6 UNDER RTU CURBS – SEE 6/S501 – TYPICAL

NOTE!
BB INDICATES 8" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTINUOUS GROUT SOLID – 16BB INDICATES 16" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTNUOUS GROUT SOLID – SEE SECTIONS

NOTE!
DESIGN ALL TRUSSES FOR ALL ADDITIONAL LOADS SHOWN ON CONTRACT DRAWINGS – TYPICAL

NORTH

1/S206 ROOF FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0-0).
2. TRUSS BEARING - T.B. (+43'-4") - TYPICAL UNLESS NOTED OTHERWISE.
3. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
4. SEE SHEET S001 AND S002 FOR GENERAL NOTES, LOAD BEARING STUDS AND WALL SHEATHING NOTES.
5. LVL INDICATES LVL MICRO=LAM BY I-LEVEL OR EQUIVALENT.
6. SW1 INDICATES SHEAR WALL 1 - SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

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Fax:(704) 347-0093
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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Roof Framing Plan

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

Phase
Construction Documents

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Fright · Gibson · Patton
STRUCTURAL ENGINEERING
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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Released for

Sheet No. S206

Hampton Inn and Suites



NOTE!
BB INDICATES 8" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTINUOUS GROUT SOLID – 16BB INDICATES 16" DEEP CONTINUOUS BOND BEAM W/ 2 #4 CONTNUOUS GROUT SOLID – SEE SECTIONS

NORTH

1/S207 HIGH ROOF STAIR AND ELEVATOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0-0).
2. PLYWOOD ROOF DECK BEARING ELEVATION - SEE ARCHITECTURAL DRAWINGS.
3. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
4. SEE SHEET S001 AND S002 FOR GENERAL NOTES.

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool E□uip.,
		Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
High Roof Framing Plan

Phase
Construction Documents

WGPM, Inc.
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JOB NUMBER: 57-13

STATE OF LOUISIANA
MARCUS C. GIBSON
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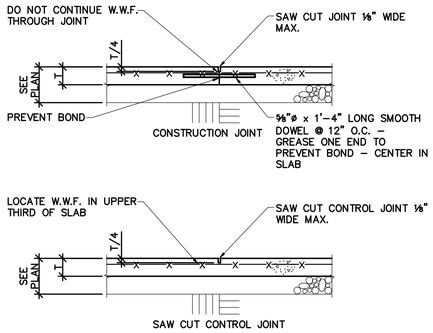
Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S207

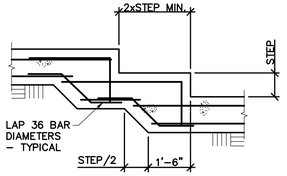
Released for

Hampton Inn and Suites

NOTE!
PROVIDE @ 10'-0" O.C. MAXIMUM AND AT ALL RE-ENTRANT CORNERS - TYPICAL



1 S301 CONTROL/CONSTRUCTION JOINT
3/4" = 1'-0"

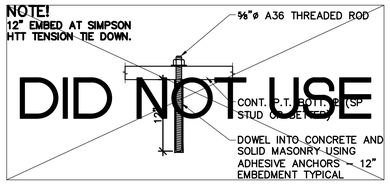


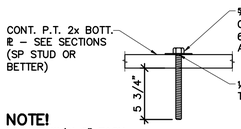
NOTE!
CONTRACTOR SHALL COORDINATE/VERIFY LOCATION OF FOOTING STEPS WITH FINISHED GRADING PLAN. PROVIDE 8" MINIMUM COVER ABOVE FOOTING.

2 S301 TYPICAL FOOTING STEP
NO SCALE

NOTE!
12" EMBED AT SIMPSON HTT TENSION TIE DOWN.

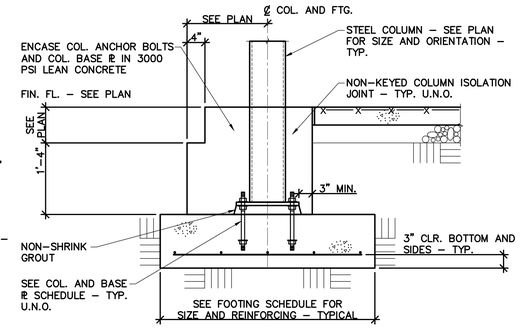
DID NOT USE



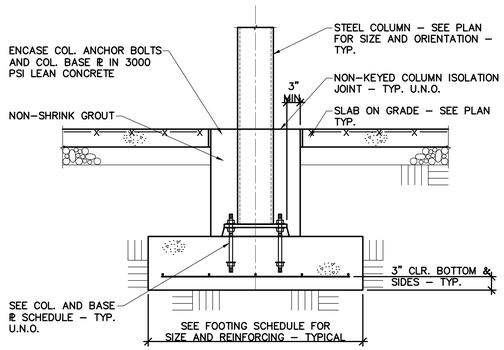


NOTE!
LOCATE W/IN 6" EACH SIDE OF SPLICES AND JAMB STUDS - TYP. U.N.O.

3 S301 SILL PLATE DETAIL
1 1/2" = 1'-0"



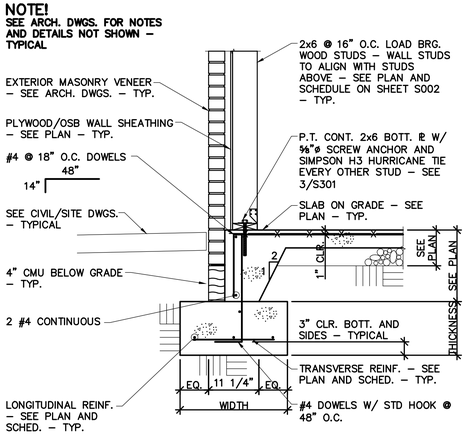
4 S301 SECTION EXTERIOR COLUMN FOOTING
3/4" = 1'-0"



5 S301 SECTION INTERIOR COLUMN FOOTING
3/4" = 1'-0"

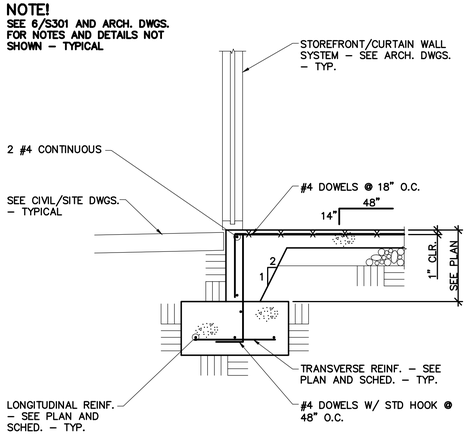
NOTE!
PROVIDE ¼"x3"x0'-3" PLATE WASHER AT ALL SCREW ANCHORS - SEE 3/S3.1 - TYP.

NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN - TYPICAL

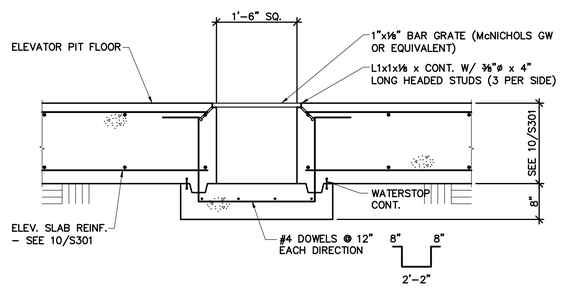


6 S301 SECTION AT EXTERIOR WALL
3/4" = 1'-0"

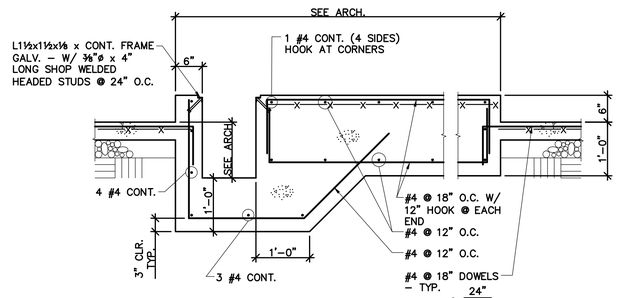
NOTE!
SEE 6/S301 AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN - TYPICAL



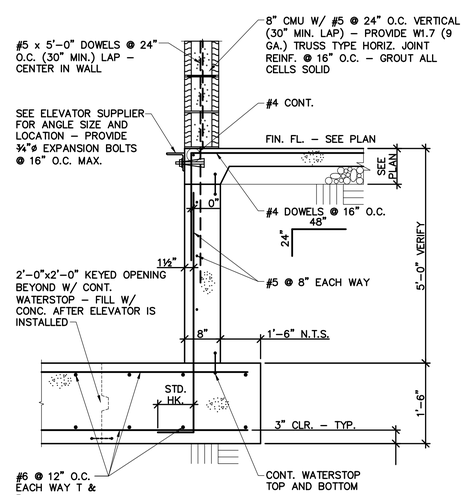
7 S301 SECTION AT EXTERIOR WALL
3/4" = 1'-0"



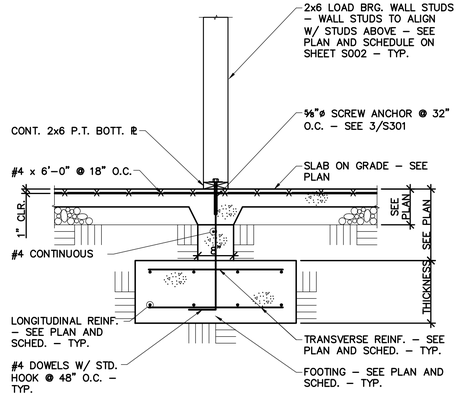
8 S301 SUMP PUMP PIT DETAIL
3/4" = 1'-0"



9 S301 SECTION AT WASHING MACHINE PAD
3/4" = 1'-0"

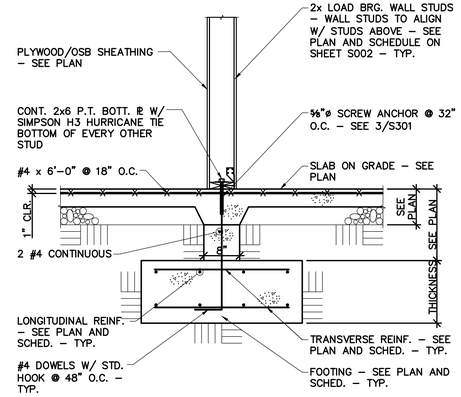


10 S301 ELEVATOR PIT WALL
3/4" = 1'-0"



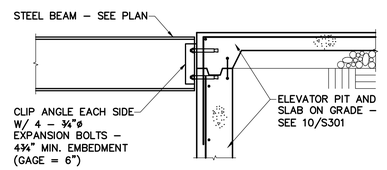
NOTE!
PROVIDE ¼"x3"x0'-3" PLATE WASHER AT ALL SCREW ANCHORS - SEE 3/S301 - TYP.

11 S301 THICKENED SLAB AT LOAD BEARING WALL
3/4" = 1'-0"



NOTE!
THIS DETAIL OCCURS ONLY AT SHEAR WALLS SW1 - SPACE SCREW ANCHORS @ 24" O.C. AT ALL SHEAR WALLS - SEE PLANS - TYPICAL

12 S301 THICKENED SLAB AT SHEAR WALL
3/4" = 1'-0"



13 S301 W12 AT ELEVATOR PIT
3/4" = 1'-0"

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No.	Date	Description
1	11.01.13	Pool E□uip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Foundation Sections and Details

Phase
Construction Documents

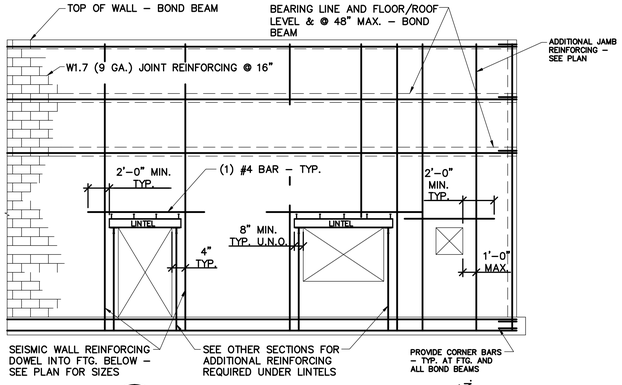
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STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013
Released for	

Sheet No. S301

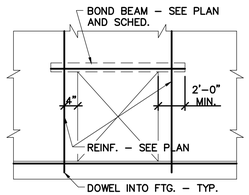
Hampton Inn and Suites



1 S302 CMU WALL ELEVATION
NO SCALE – SPECIAL REINF. CMU WALL

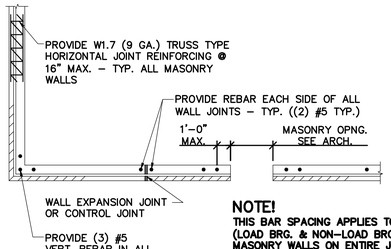
INTERIOR & EXTERIOR SEISMIC MASONRY WALL REQUIREMENTS – (U.N.O.)

1. VERTICAL REBAR (SEE PLAN) DOWELED INTO FOOTING.
2. HORIZONTAL REBAR AT TOP OF WALL, AT BEARING LINES, AT TOP OF FOOTING AND @ 48" O.C. MAX.
3. PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C.
4. PROVIDE REBAR (OR LINTEL) AROUND OPENINGS.
5. VERTICAL REBAR REQ'D EA. SIDE OF ALL VERT. WALL JOINTS (CONTROL & EXPANSION JOINTS).
6. LAP VERTICAL REBAR 48 BAR@ (MIN. LAP 24").
7. GROUT ALL CELLS SOLID WHERE REBAR OCCURS.
8. ALL VERTICAL REBAR TO BE POSITIONED IN BLOCK CELL BY PREFABRICATED WIRE POSITIONER – SUBMIT FOR APPROVAL.
9. SEE BEAM OR LINTEL BEARING DETAILS FOR ADDITIONAL WALL REINFORCING REQUIRED UNDER LINTELS.
10. ALL BRICK TIES SHALL CONFORM WITH SEISMIC DESIGN CATEGORY REQUIREMENTS – SUBMIT FOR APPROVAL.
11. CONSTRUCT ALL WALLS IN 4'–0" LIFTS.
12. SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN.



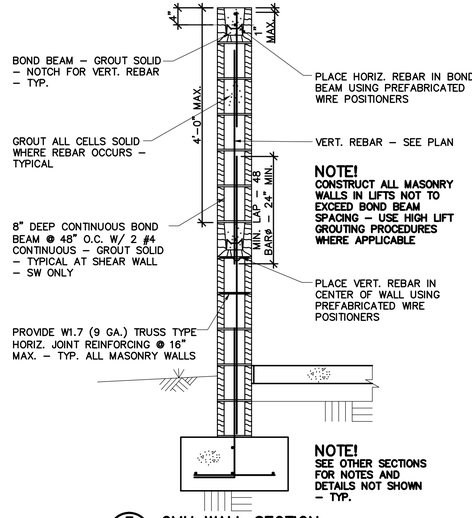
5 S302 CMU BOND BEAM ELEVATION
NO SCALE SDC=D

#5 @ 24" VERTICAL ALL 8" CMU WALLS – SEE SHEET S302 – PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCING @ 16" MAX. ALL MASONRY WALLS – TYPICAL UNLESS NOTED OTHERWISE



NOTE!
THIS BAR SPACING APPLIES TO ALL (LOAD BRG. & NON–LOAD BRG.) MASONRY WALLS ON ENTIRE JOB. SEE LINTEL SCHEDULE FOR ADDITIONAL WALL REINFORCING REQ'D. UNDER LINTEL BRG.

2 S302 CMU WALL REINFORCING
NO SCALE

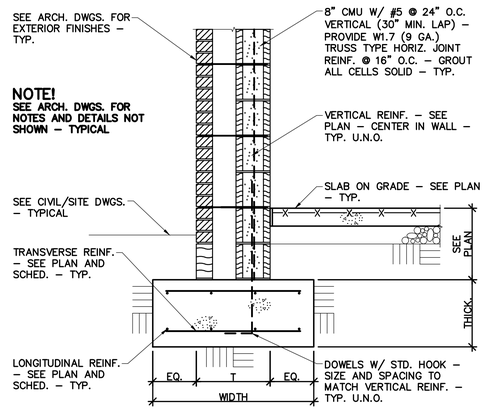


NOTE!
CONSTRUCT ALL MASONRY WALLS IN LIFTS NOT TO EXCEED BOND BEAM SPACING – USE HIGH LIFT GROUTING PROCEDURES WHERE APPLICABLE

NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYP.

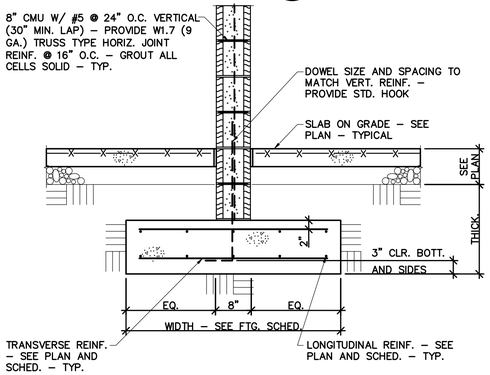
3 S302 CMU WALL SECTION
NO SCALE

NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

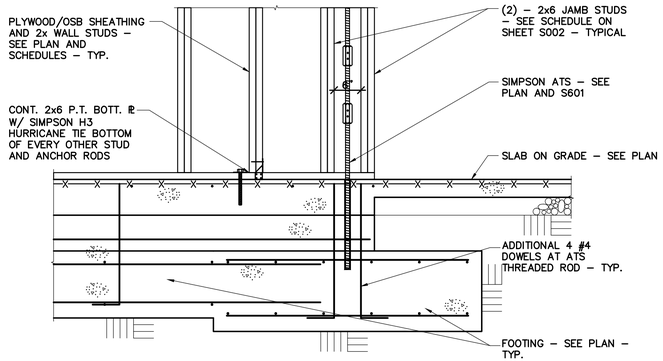


NOTE!
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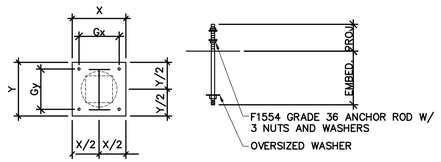
4 S302 SECTION AT EXTERIOR WALL
3/4" = 1'–0"



6 S302 INTERIOR WALL FOOTING
3/4" = 1'–0"



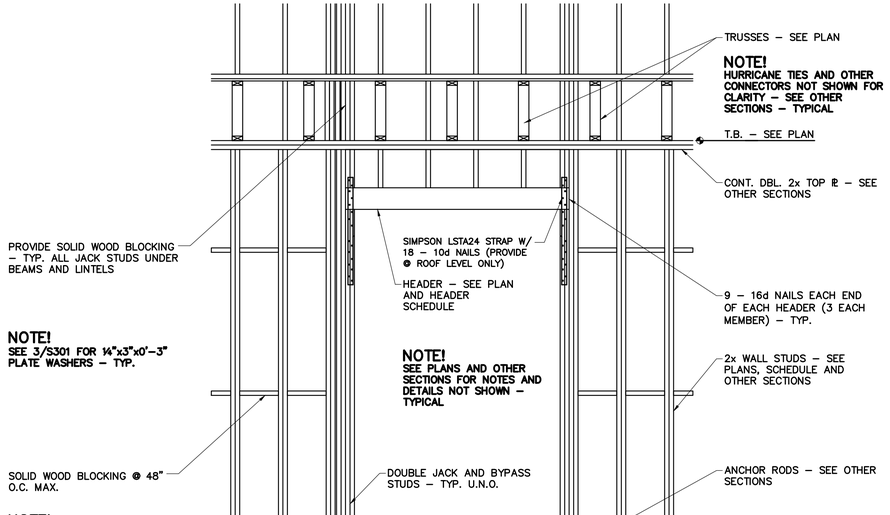
7 S302 ELEVATION AT ATS
3/4" = 1'–0"



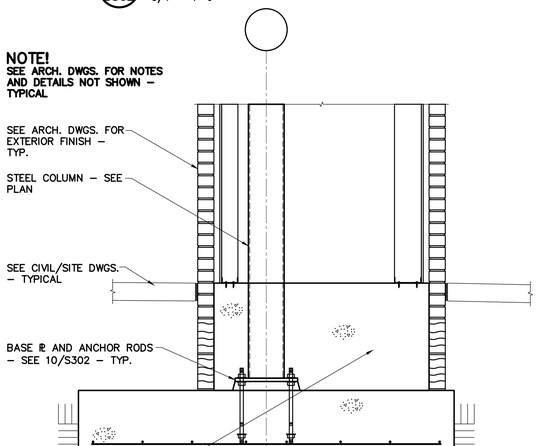
COLUMN	BASE PLATE			GAGE		ANCHOR ROD			GROUT
	THICK.	X	Y	Gx	Gy	DIA.	PROJ.	EMBED.	
HSS 5x5	1"	12"	12"	9"	9"	¾"	5"	9"	2"
HSS 8x8	1¼"	16"	16"	12"	12"	1"	6"	15"	2"

NOTE!
PROVIDE PJP GROOVE WELD (⅛" ROOT FACE) ALL AROUND FROM COLUMNS TO BASE PL'S – TYPICAL

10 S302 COL. BASE PL. & ANCH. ROD SCHED.
NO SCALE



8 S302 ELEVATION LOAD BEARING WOOD STUD WALL
NO SCALE



9 S302 SECTION AT COLUMN
3/4" = 1'–0"

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REVISIONS		
No.	Date	Description
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		Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Foundation Sections and Details

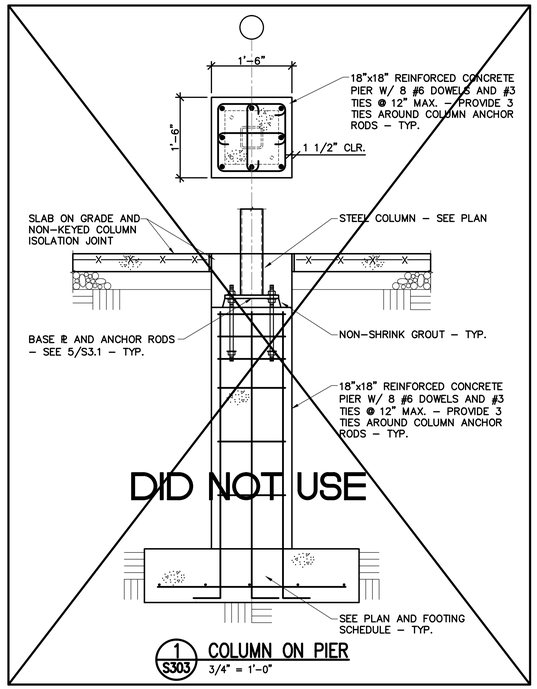
Phase
Construction Documents

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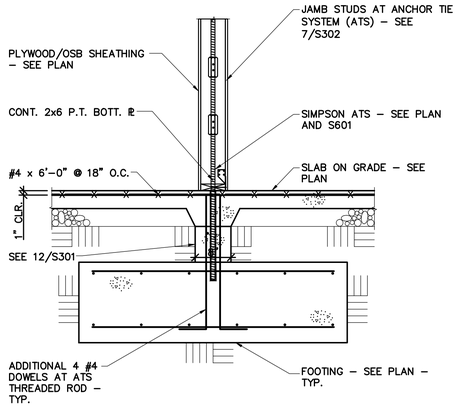
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Prepared by AB:LW
Checked by HLW
Date September 16, 2013
Sheet No. S302
Released for

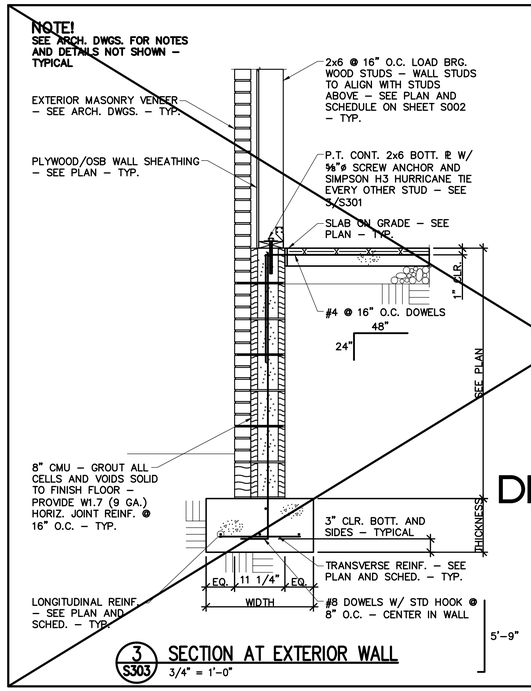
Hampton Inn and Suites



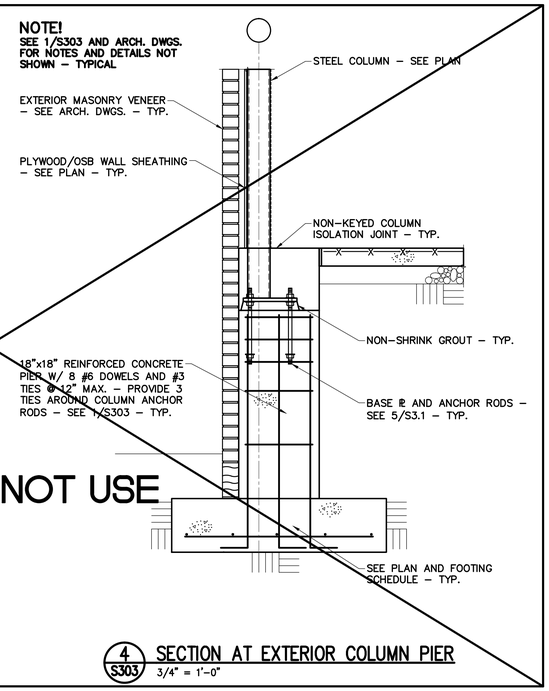
1 S303 COLUMN ON PIER
3/4" = 1'-0"



2 S303 SECTION AT ATS
3/4" = 1'-0"



3 S303 SECTION AT EXTERIOR WALL
3/4" = 1'-0"



4 S303 SECTION AT EXTERIOR COLUMN PIER
3/4" = 1'-0"

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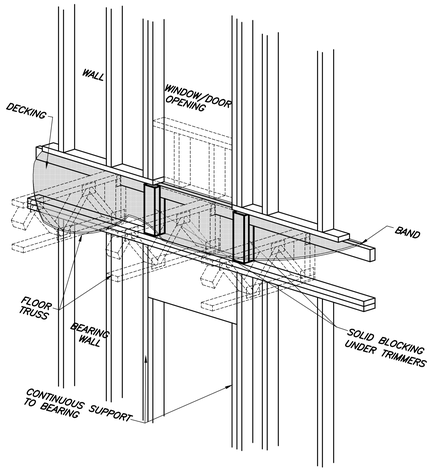
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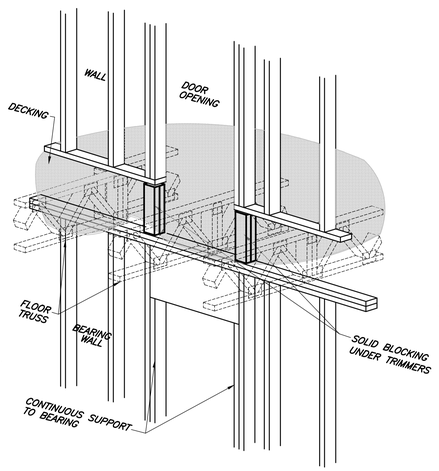
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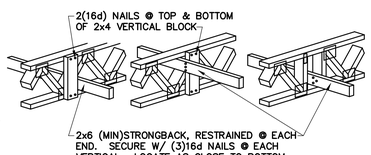
Hampton Inn and Suites



1 S401 BLOCKING IN FLOOR SPACE AT TRUSSES
NO SCALE

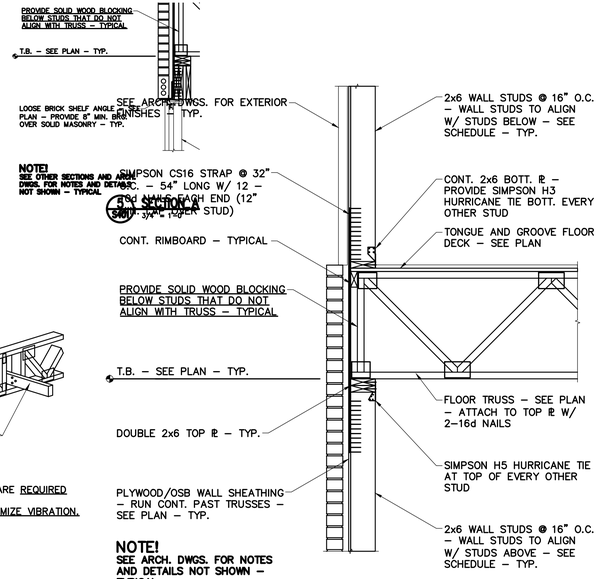


2 S401 BLOCKING IN FLOOR SPACE AT TRUSSES
NO SCALE



– STRONGBACKS SPACED AT 10'–0" (MAX) ARE REQUIRED TO MAINTAIN CERTAIN FIRE ASSEMBLIES.
– STRONGBACKS ARE RECOMMENDED TO MINIMIZE VIBRATION.

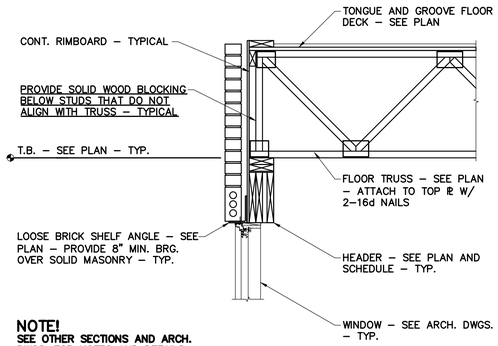
3 S401 STRONGBACK DETAILS
NO SCALE



NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

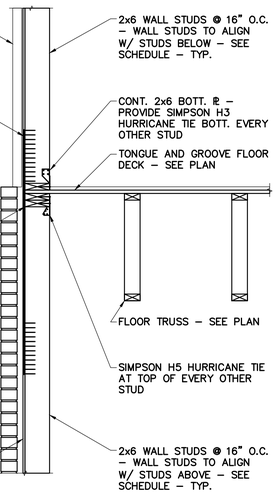
NOTE!
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4 S401 SECTION AT FLOOR
3/4" = 1'–0"



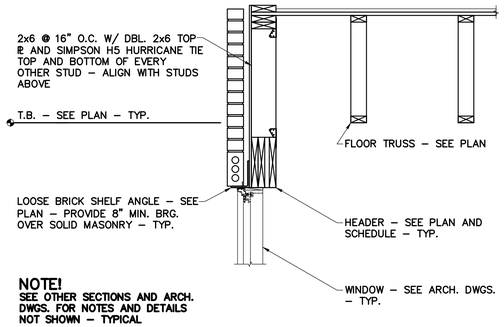
NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

5 S401 SECTION AT FLOOR
3/4" = 1'–0"



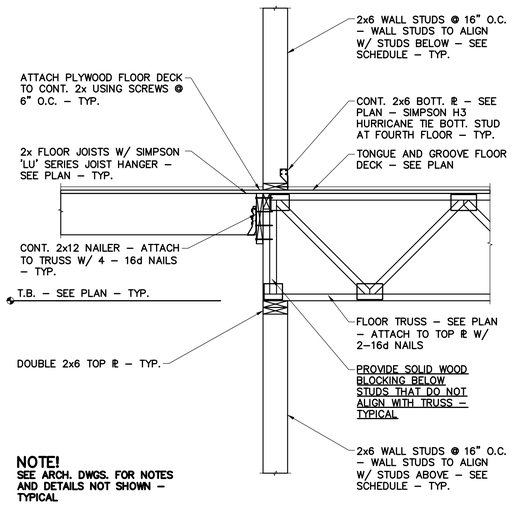
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

6 S401 SECTION AT FLOOR
3/4" = 1'–0"



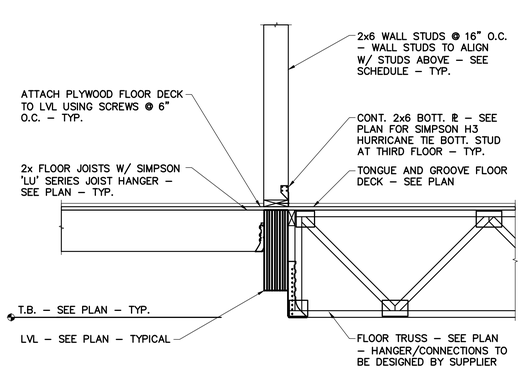
NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

7 S401 SECTION AT FLOOR
3/4" = 1'–0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

8 S401 SECTION AT CORRIDOR
3/4" = 1'–0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

9 S401 SECTION AT CORRIDOR
3/4" = 1'–0"

NOTE!
GENERAL CONTRACTORS OPTION TO USE SECTIONS 6 & 7/S401 OR 1 & 2/S402

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Floor Framing Sections and Details

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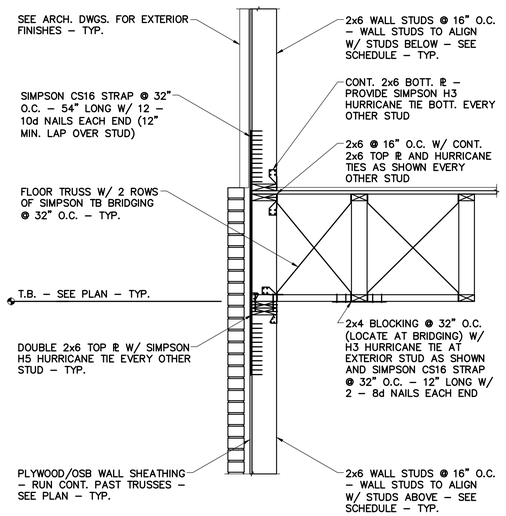
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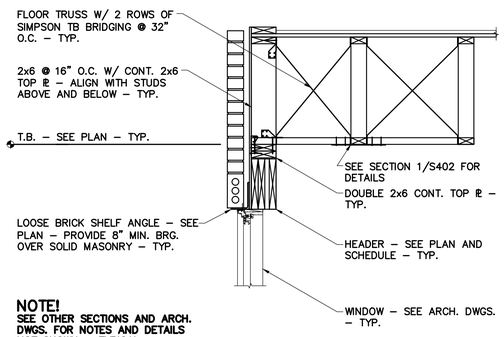
Sheet No. S401

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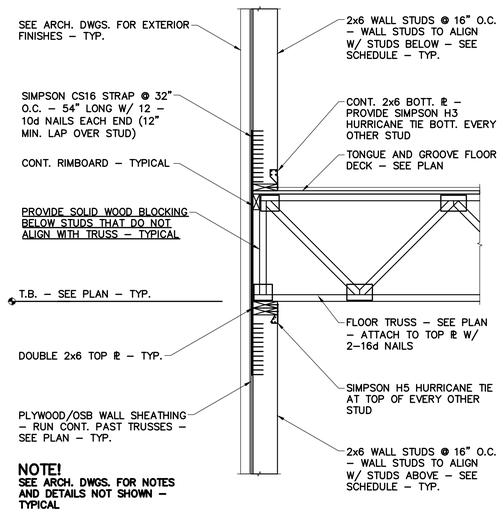
Hampton Inn and Suites



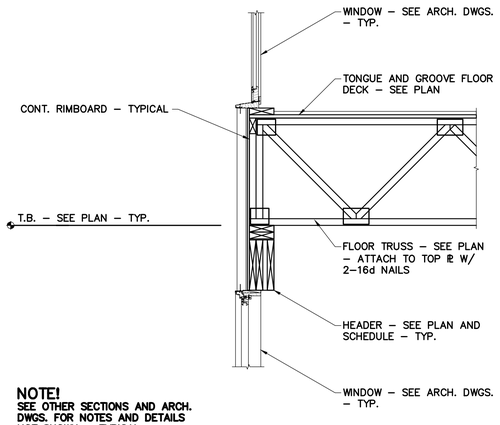
1 S402 SECTION AT FLOOR
3/4" = 1'-0"



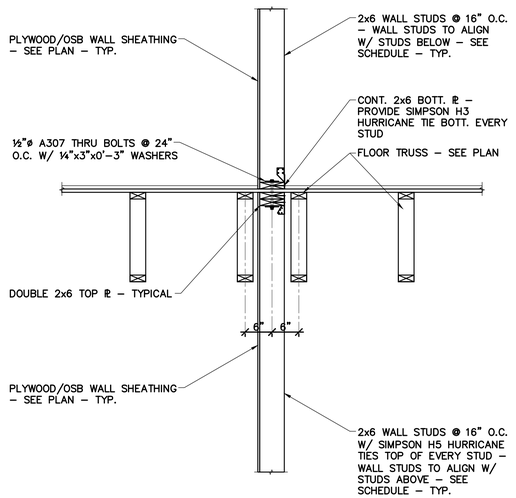
2 S402 SECTION AT FLOOR
3/4" = 1'-0"



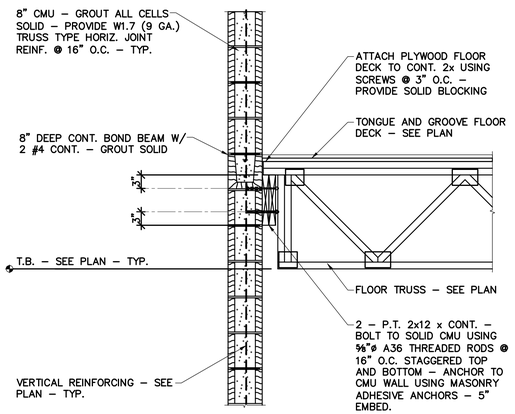
3 S402 SECTION AT FLOOR
3/4" = 1'-0"



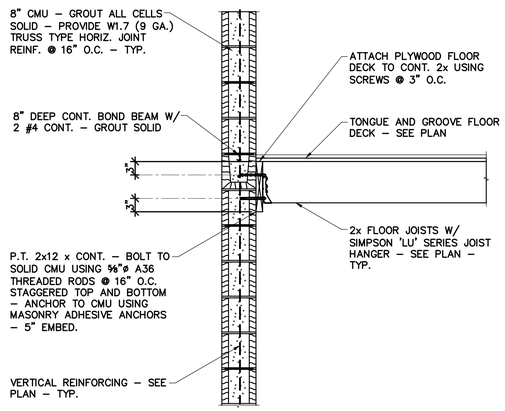
4 S402 SECTION AT FLOOR
3/4" = 1'-0"



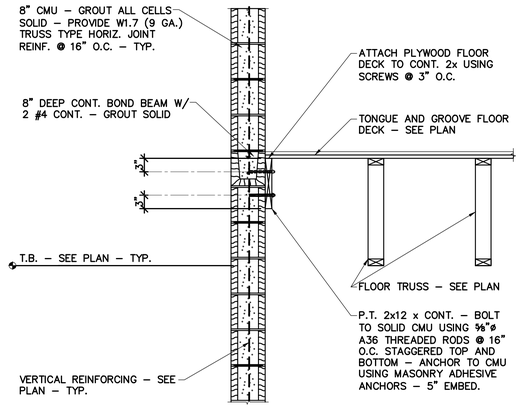
5 S402 SECTION AT SHEAR WALL
3/4" = 1'-0"



6 S402 SECTION AT CMU WALL
3/4" = 1'-0"



7 S402 SECTION AT CMU WALL
3/4" = 1'-0"



8 S402 SECTION AT CMU WALL
3/4" = 1'-0"

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Floor Framing Sections and Details

Phase
Construction Documents

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Wright - Gibson - Patten
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11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

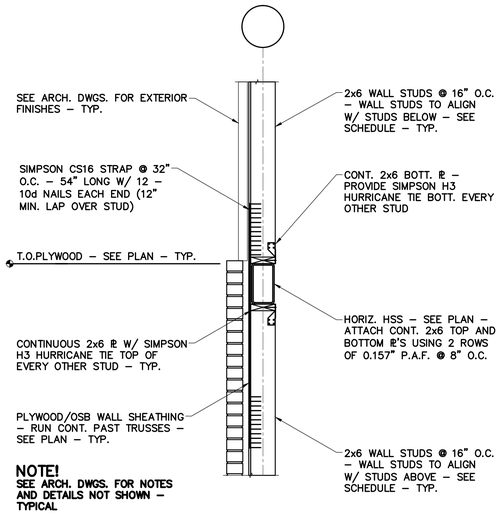
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S402

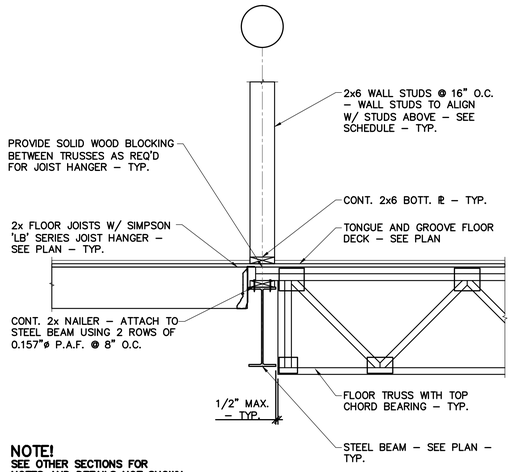
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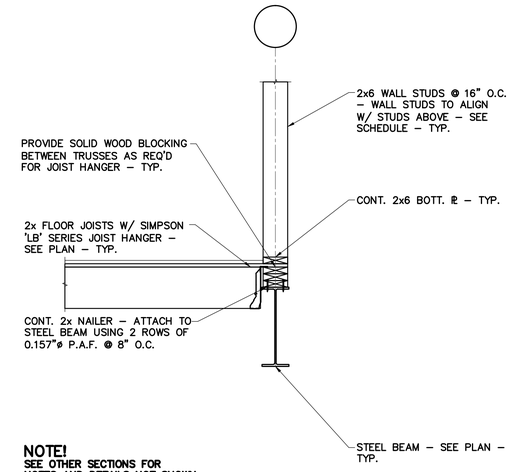
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

1 S403 HORIZ. HSS AT 2 STORY
3/4" = 1'–0"



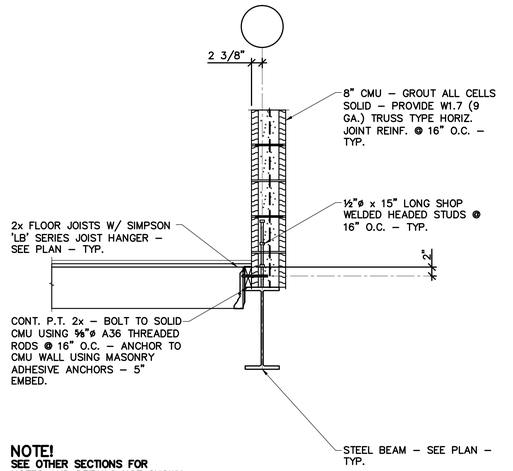
NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

2 S403 SECTION AT STEEL BEAM
3/4" = 1'–0"



NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

3 S403 SECTION AT STEEL BEAM
3/4" = 1'–0"



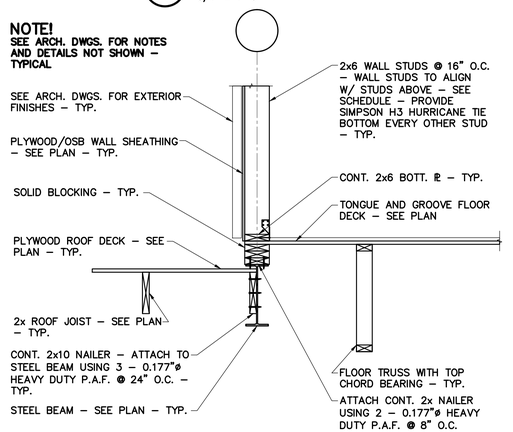
NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

4 S403 SECTION AT STEEL BEAM
3/4" = 1'–0"

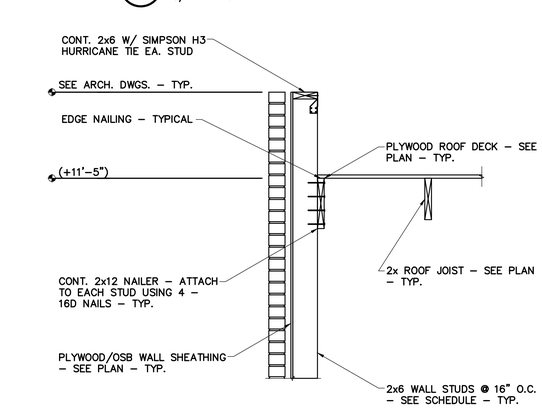
5 S403 SECTION AT DEMISING WALL
3/4" = 1'–0"

NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

6 S403 STEEL BEAM AT CMU WALL
3/4" = 1'–0"



7 S403 SECTION AT FLOOR AND LOW ROOF
3/4" = 1'–0"



8 S403 SECTION AT LOW ROOF
3/4" = 1'–0"

NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

9 S403 SECTION AT POOL/LOW ROOF
3/4" = 1'–0"

10 S403 SECTION AT FLOOR
3/4" = 1'–0"

11 S403 SECTION AT FOLDING PARTITION
3/4" = 1'–0"

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		Ftgs & Rf Slope

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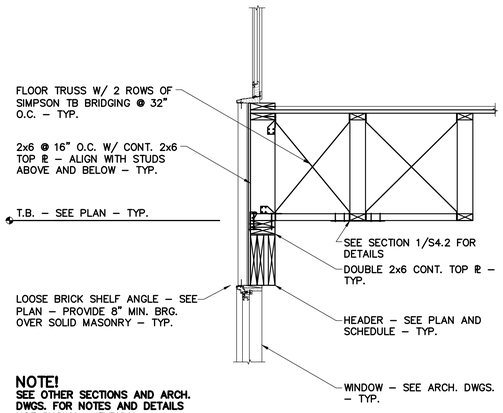
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S403

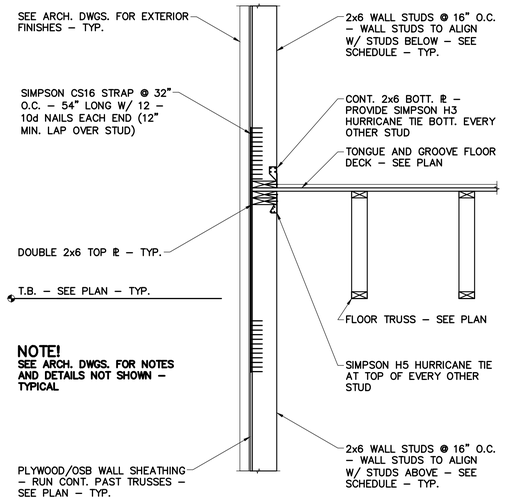
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NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

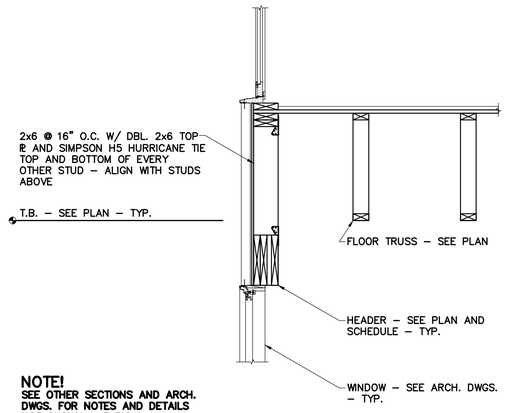
1 S404 SECTION AT FLOOR
3/4" = 1'-0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

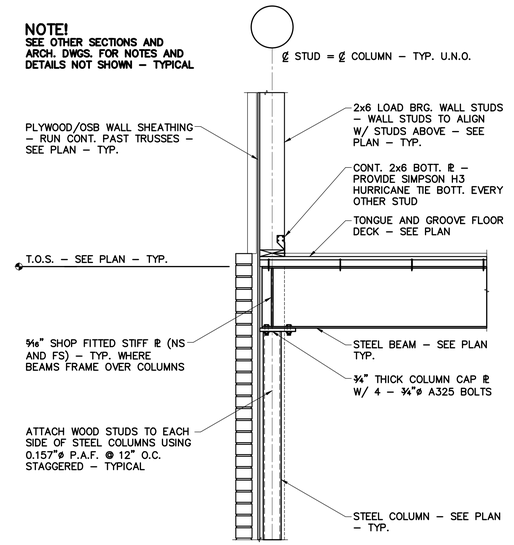
2 S404 SECTION AT FLOOR
3/4" = 1'-0"

NOTE!
GENERAL CONTRACTORS OPTION TO USE SECTIONS 10/S403 & 1/S404 OR 2 & 3/S404



NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

3 S404 SECTION AT FLOOR
3/4" = 1'-0"



4 S401 SECTION AT STEEL BEAM AND COLUMN
3/4" = 1'-0"

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		Ftgs & Rf Slope

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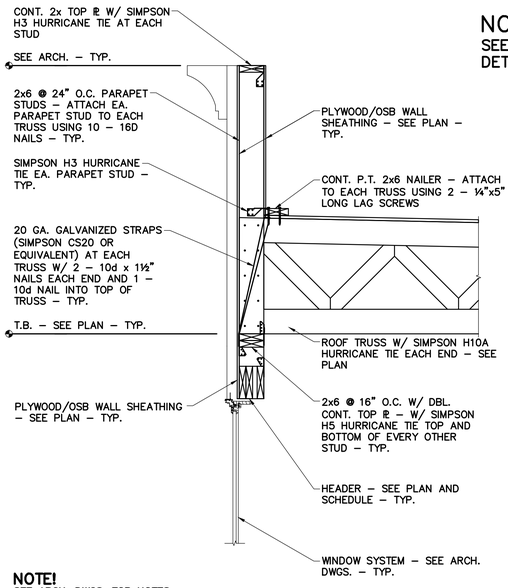
WGPM, Inc.
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www.wgpminc.com
JOB NUMBER: 57-13

STATE OF LOUISIANA
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9/16/13

Project No.	12-111
Prepared by	AB LW
Checked by	HLW
Date	September 16, 2013
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Sheet No. S404

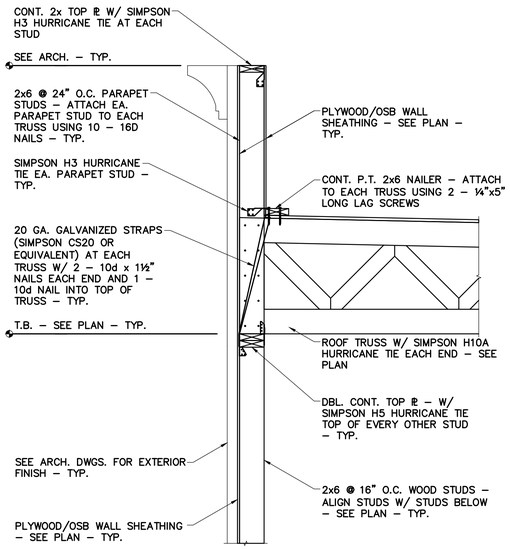
Hampton Inn and Suites



NOTE!
SEE 1/S503 FOR ADDITIONAL DETAILS

NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

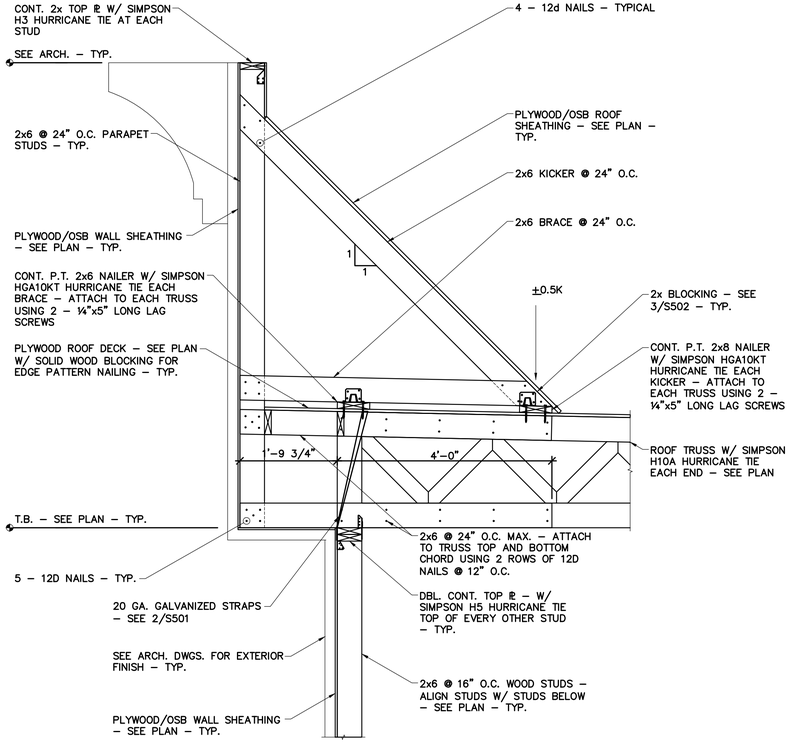
1 S501 SECTION AT EXTERIOR WALL
3/4" = 1'-0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

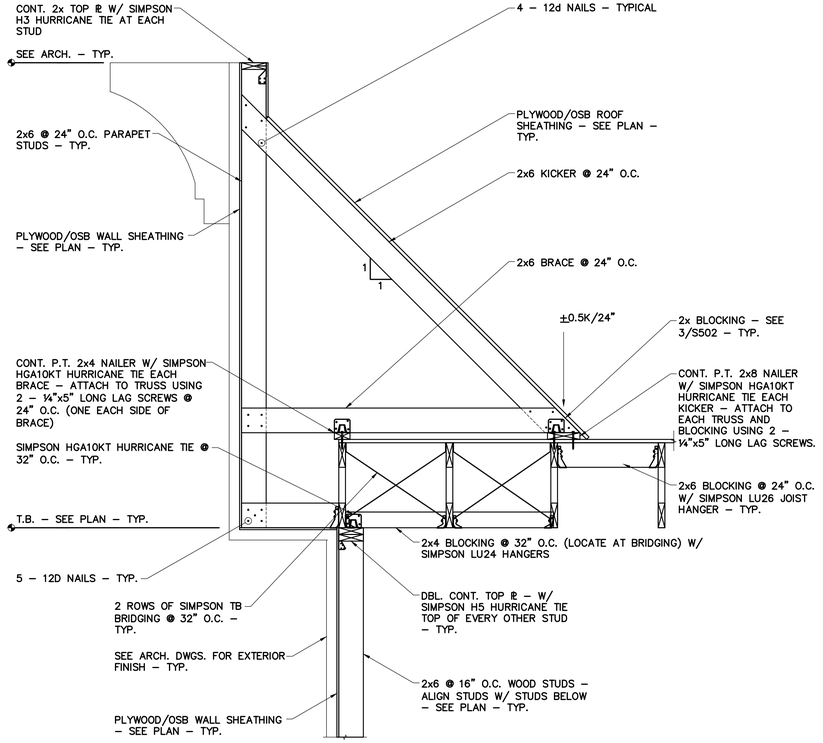
2 S501 SECTION AT EXTERIOR WALL
3/4" = 1'-0"

3 S501 DID NOT USE
3/4" = 1'-0"



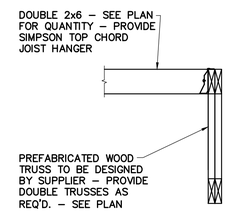
NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

4 S501 SECTION AT HIGH PARAPET
3/4" = 1'-0"



NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

5 S501 SECTION AT HIGH PARAPET
3/4" = 1'-0"



6 S501 SECTION AT RTU
3/4" = 1'-0"

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool E□uip.,
		Ftgs & Rf Slope

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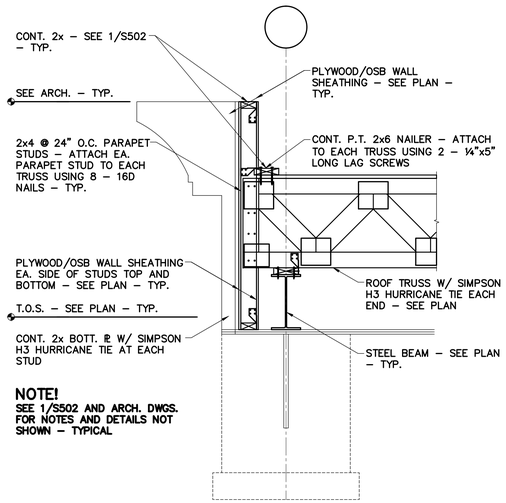
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S501

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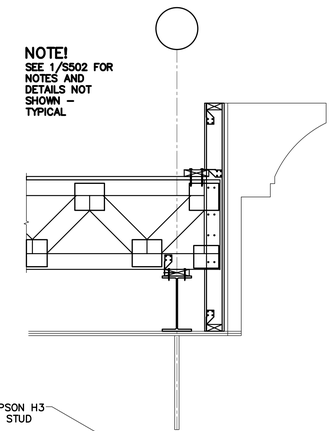


NOTE!
SEE 1/S502 AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

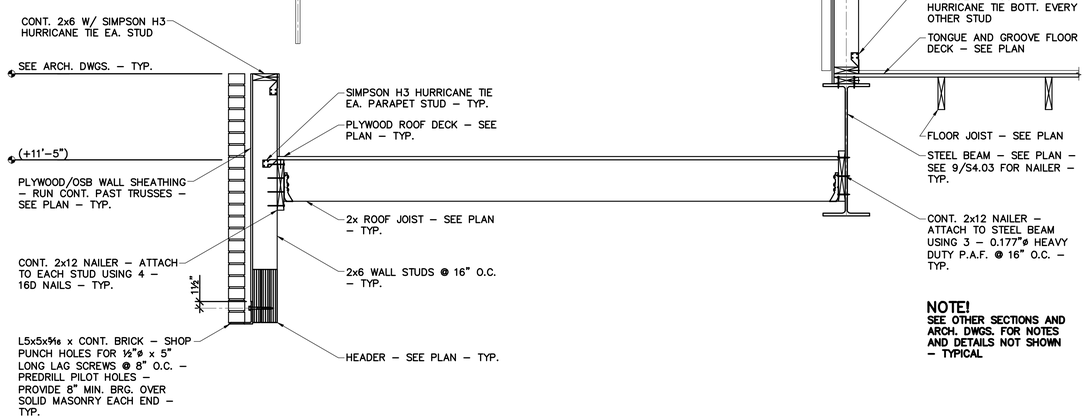
1/S502 SECTION AT CANOPY
3/4" = 1'–0"

2/S502 DID NOT USE
3/4" = 1'–0"

5/S502 DID NOT USE
3/4" = 1'–0"

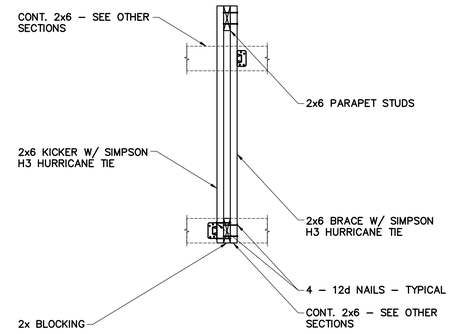


NOTE!
SEE 1/S502 FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

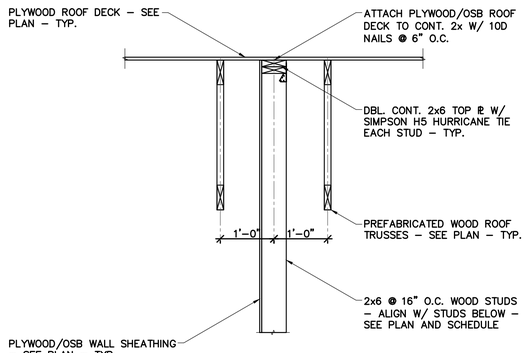


NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

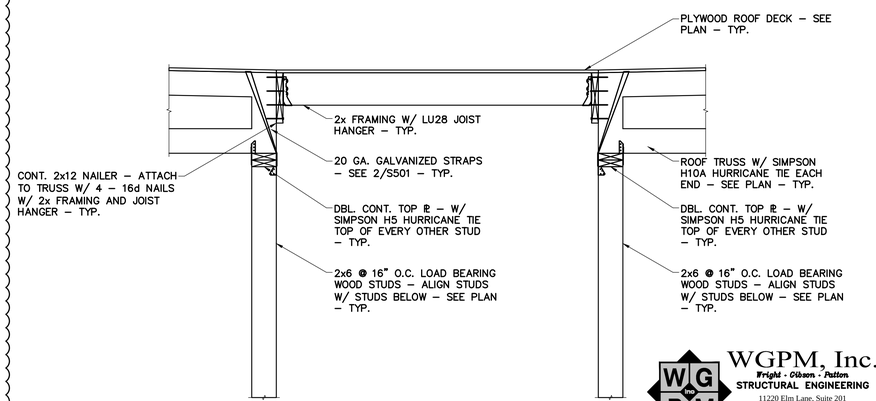
4/S502 SECTION AT ENTRANCE AND CANOPY
3/4" = 1'–0"



3/S502 DETAIL AT ROOF
3/4" = 1'–0"



6/S502 SECTION AT SHEAR WALL
3/4" = 1'–0"



7/S502 SECTION AT CORRIDOR WALL
3/4" = 1'–0"

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Email: don@shultzeg.com

REVISIONS		
No.	Date	Description
1	11.01.13	Pool E□uip.,
		Ftgs & Rf Slope
2	03.11.14	Canopy

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Roof Framing Sections and Details

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

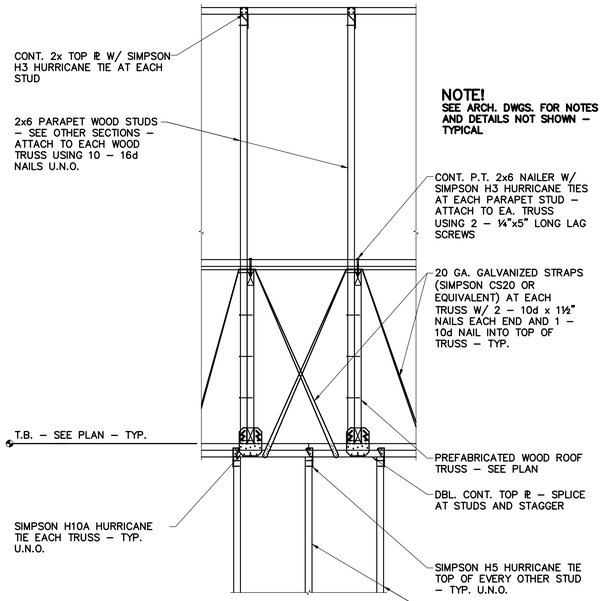
STATE OF LOUISIANA
22240
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB/LW
Checked by	HLW
Date	September 16, 2013

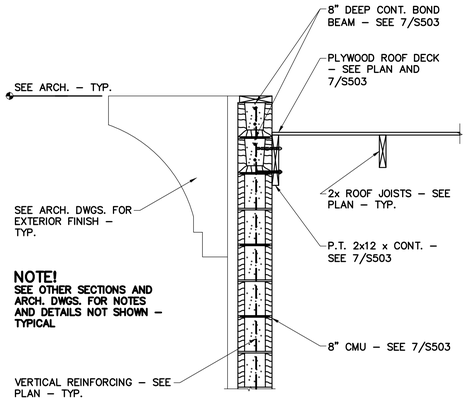
Sheet No. S502

Released for

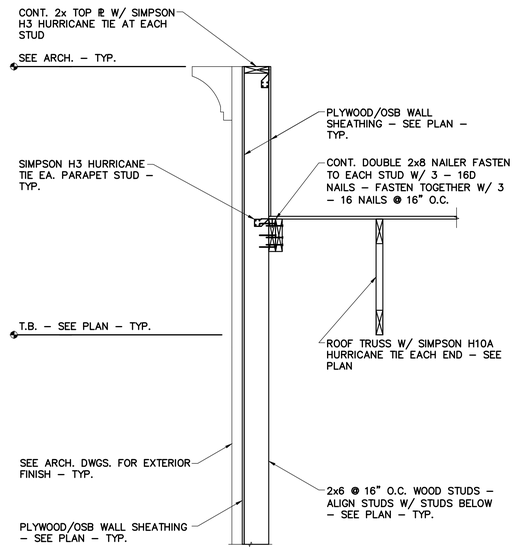
Hampton Inn and Suites



1 S503 ELEVATION STUDS AND TRUSSES
3/4" = 1'–0"

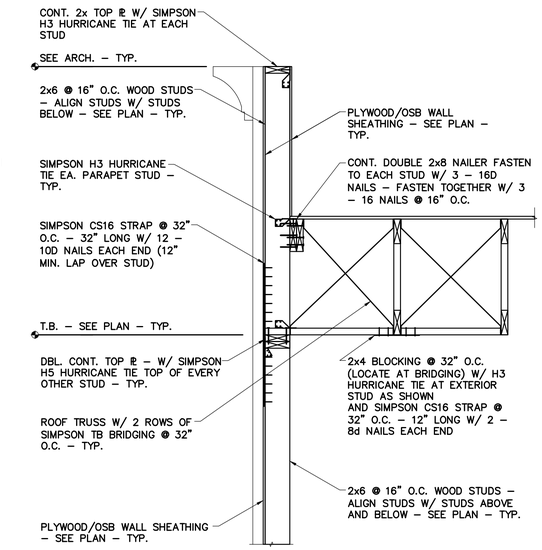


2 S503 SECTION AT STAIR/ELEVATOR
3/4" = 1'–0"

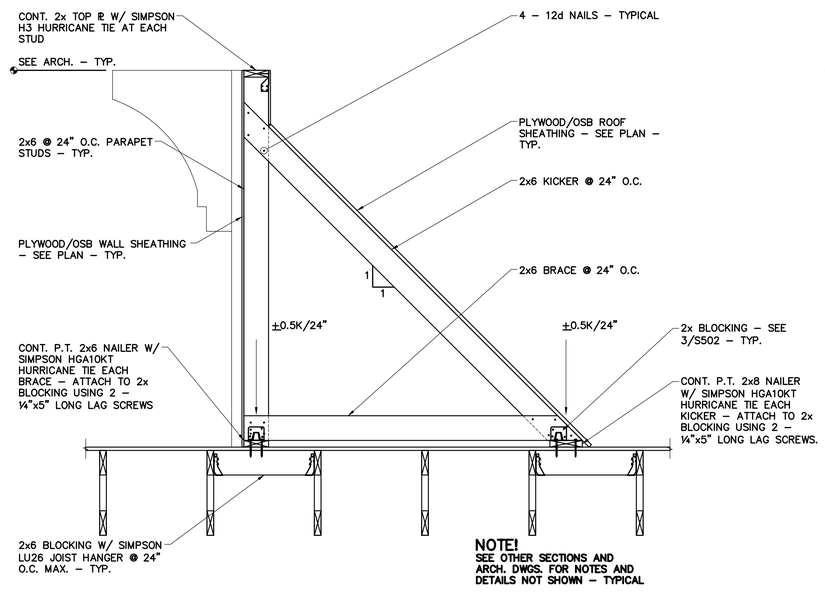


NOTE!
GENERAL CONTRACTORS OPTION TO USE SECTIONS 3/S503 OR 4/S503

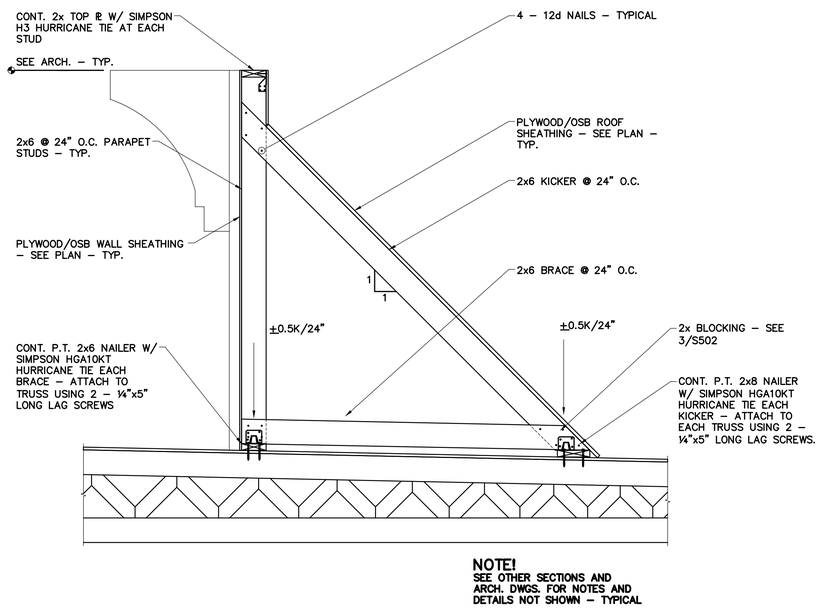
3 S503 SECTION AT EXTERIOR WALL
3/4" = 1'–0"



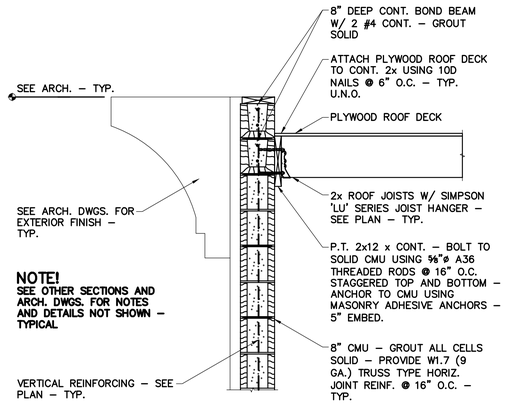
4 S503 SECTION AT EXTERIOR WALL
3/4" = 1'–0"



5 S503 SECTION AT PARAPET FRAMING
3/4" = 1'–0"



6 S503 SECTION AT PARAPET FRAMING
3/4" = 1'–0"



7 S503 SECTION AT STAIR/ELEVATOR
3/4" = 1'–0"

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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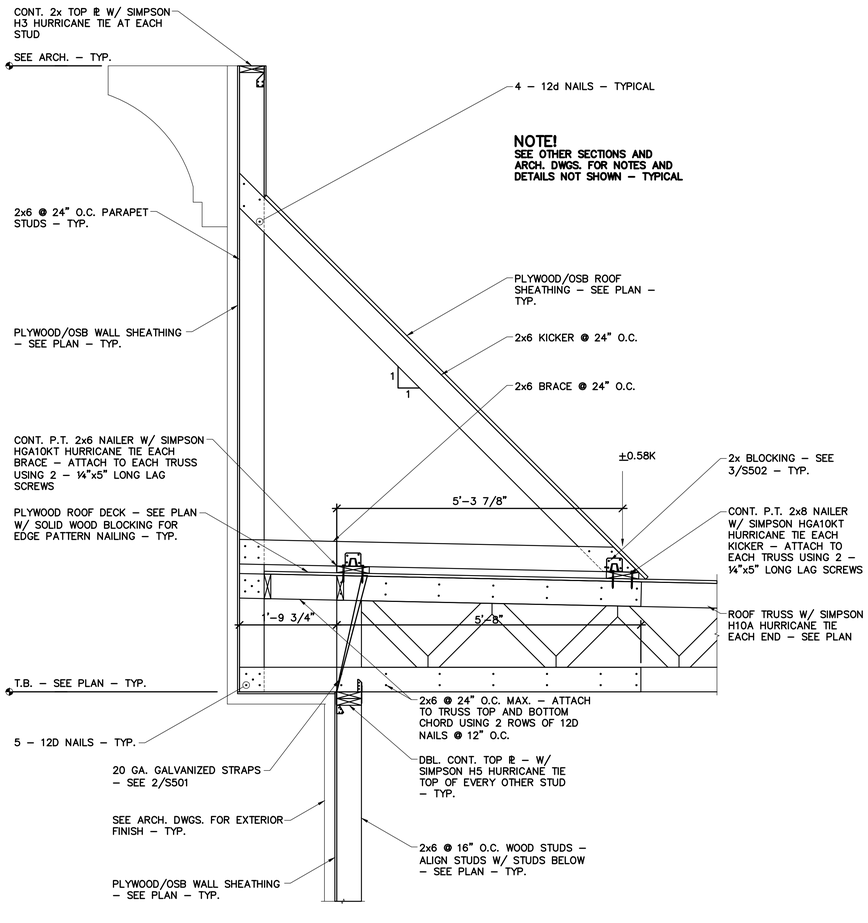
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

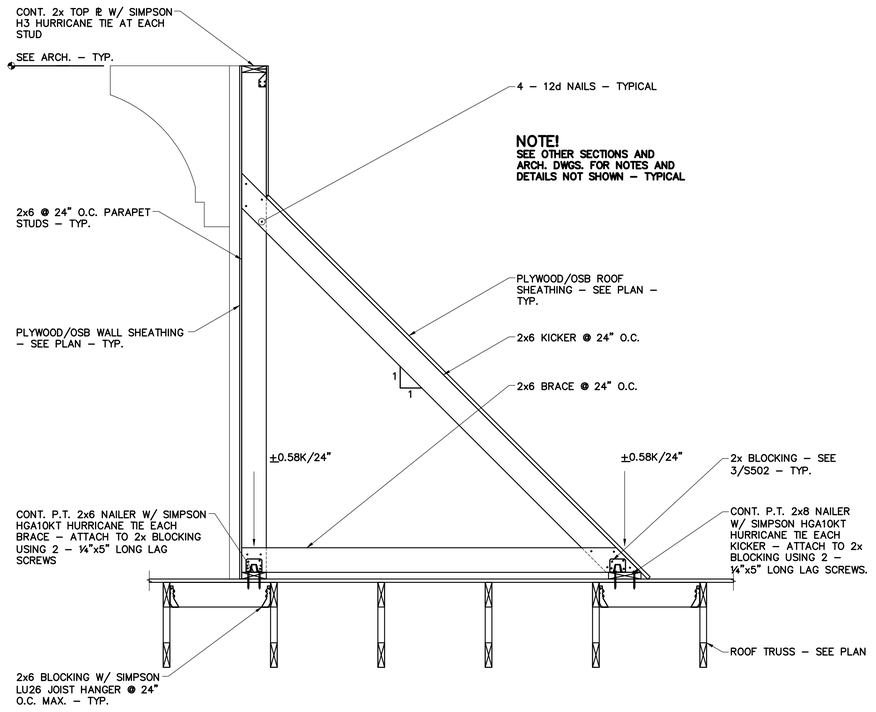
Sheet No. S503

Released for

Hampton Inn and Suites

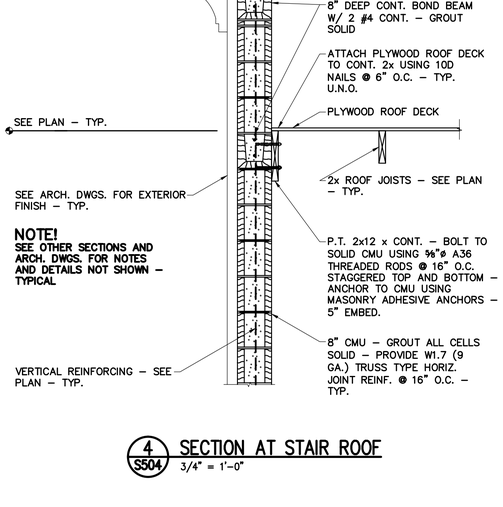


1 S504 SECTION AT HIGH PARAPET
3/4" = 1'–0"

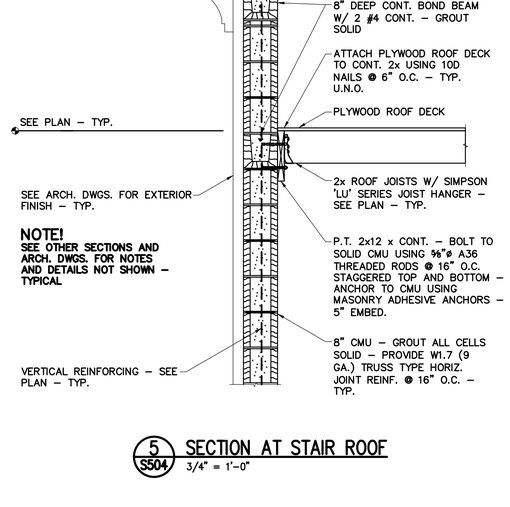


2 S504 SECTION AT HIGH PARAPET
3/4" = 1'–0"

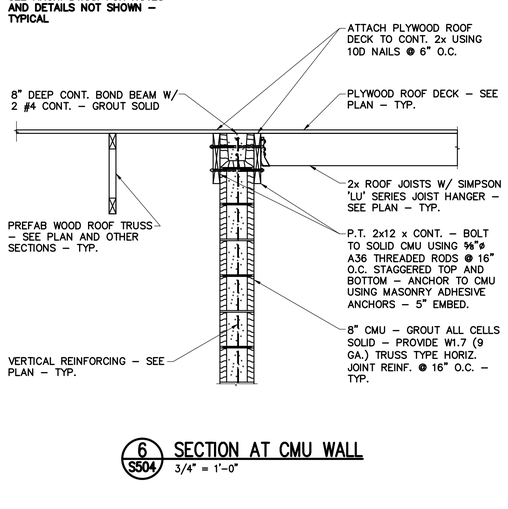
3 S504 DID NOT USE
3/4" = 1'–0"



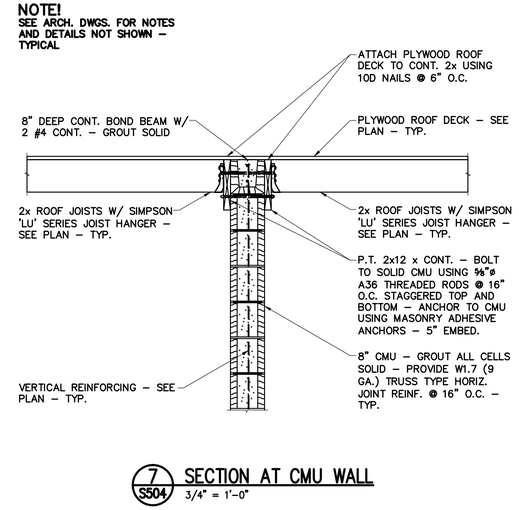
4 S504 SECTION AT STAIR ROOF
3/4" = 1'–0"



5 S504 SECTION AT STAIR ROOF
3/4" = 1'–0"



6 S504 SECTION AT CMU WALL
3/4" = 1'–0"



7 S504 SECTION AT CMU WALL
3/4" = 1'–0"

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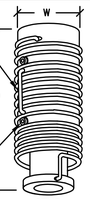
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S504

Released for

Hampton Inn and Suites



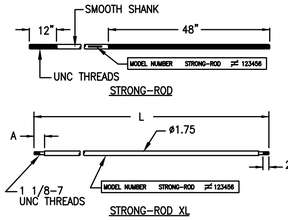
CTUD

MODEL NO.	THREADED ROD SIZE (IN)	W (IN)	L (IN)	COMPENSATION (IN)
ATS-CTUD55	5/8-5/8	1 7/8	5	1
ATS-CTUD65	3/4-5/8	2	5 1/2	
ATS-CTUD66	3/4-3/4	2	5 1/2	
ATS-CTUD75	7/8-5/8	2	5 1/2	
ATS-CTUD76	7/8-3/4	2	5 1/2	
ATS-CTUD77	7/8-7/8	2	5 1/2	
ATS-CTUD87	1-7/8	2 1/2	6 1/8	
ATS-CTUD88	1-1	2 1/2	6 1/8	
ATS-CTUD97	1 1/8-7/8	2 1/2	6 1/8	
ATS-CTUD98	1 1/8-1	2 1/2	6 1/8	
ATS-CTUD99	1 1/8-1 1/8	2 1/2	6 1/8	

INSTALLATION
1. THREAD THE CTUD ONTO THE THREADED ROD BELOW, POSITIONING IT WITH ACTIVATION PIN FACING OUT.
2. THREAD THE ROD ABOVE INTO THE CTUD. RODS ARE INSTALLED CORRECTLY WHEN VISIBLE THROUGH THE WITNESS HOLES. DO NOT REMOVE ACTIVATION PIN UNTIL THE ISOLATOR NUT (IN) IS INSTALLED AT LEVEL ABOVE.
3. SECURE ROD AT LEVEL ABOVE WITH BEARING PLATE AND IN. ATTACH IN TO SOLE PLATE WITH PROVIDED SCREW.
4. REMOVE ACTIVATION PIN AFTER LEVEL ABOVE IS SECURED WITH IN.
5. THE CTUD MAY BE INSTALLED IN EITHER DIRECTION.

1 COUPLING TAKE UP DEVICE (CTUD)

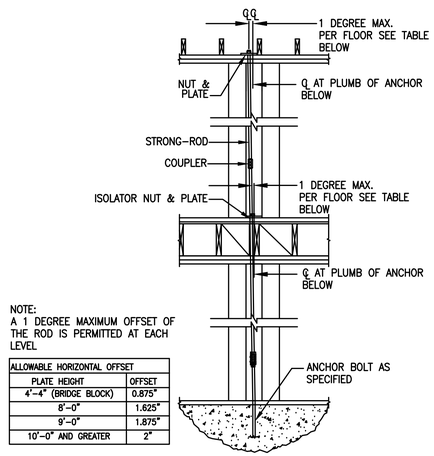
STRONG-ROD MODEL NO.	ROD DIA. IN.	COLOR CODE
SR4	1/2	YELLOW
SR5	5/8	BLUE
SR6	3/4	RED
SR7	7/8	GREEN
SR8	1	WHITE
SR9	1 1/8	ORANGE
SR10	1 1/4	PURPLE
SR5H	5/8	BLUE
SR6H	3/4	RED
SR7H	7/8	GREEN
SR8H	1	WHITE
SR9H	1 1/8	ORANGE
SR10H	1 1/4	PURPLE
SR9H150	1 1/8	ORANGE
SR10H150	1 1/4	PURPLE



STRONG-ROD XL MODEL NO.	ROD DIA. 3 IN.	A	L	COLOR CODE
SR9H/14-5	1 3/4-1 1/8	6"	6'-0"	ORANGE
SR9H/14-7	1 3/4-1 1/8	2 1/2"	7'-5"	
SR9H150/14-7	1 3/4-1 1/8	2 1/2"	7'-5"	

NOTES
1. STRONG-ROD IS UNCOATED OR PLAIN BLACK STEEL.
2. STRONG-ROD MODEL DESIGNATION: THE NUMBER FOLLOWING ATS-SR(#) REPRESENTS THE ROD DIAMETER IN 1/8" (i.e. ATS-SR5 IS A 5/8" DIAMETER ROD).
3. STRONG-ROD XL ARE 1 3/4" DIA WITH 1 1/8" THREADED ENDS AND ARE USED TO REDUCE ELONGATION.
4. ATS-R MAY BE SUPPLIED IN PLACE OF SAME SIZE ATS-SR. ATS-HSR MAY BE SUPPLIED IN PLACE OF SAME SIZE ATS-SRH.

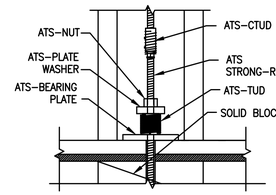
2 COUPLING TAKE UP DEVICE (CTUD)



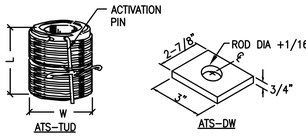
NOTE:
A 1 DEGREE MAXIMUM OFFSET OF THE ROD IS PERMITTED AT EACH LEVEL

ALLOWABLE HORIZONTAL OFFSET	
PLATE HEIGHT	OFFSET
4'-4" (BRIDGE BLOCK)	0.875"
8'-0"	1.625"
9'-0"	1.875"
10'-0" AND GREATER	2"

3 ALLOWABLE ROD OFFSET



MODEL NO.	MAXIMUM THREADED ROD SIZE (IN)	W (IN)	L (IN)	COMPENSATION (IN)
ATS-ATUD5	5/8	1 3/8	2	3/4
ATS-ATUD9	1 1/8	2 1/8	2 1/4	1
ATS-TUD9	1 1/8	2 1/8	2 1/4	1
ATS-ATUD9-2	1 1/8	2 1/8	3 7/8	2
ATS-TUD10	1 1/4	2 3/8	2 1/4	1

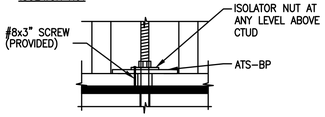


INSTALLATION
1. PLACE TUD OVER ROD FROM LEVEL BELOW ONTO APPROPRIATE BEARING PLATE.
2. INSTALL PLATE WASHER, AND SECURE THE NUT ON TOP. FINGER TIGHTEN NUT PLUS AN ADDITIONAL 1/2 TO 1/3 TURN WITH WRENCH.
3. REMOVE ACTIVATION PIN.

4 TAKE UP DEVICE (TUD)

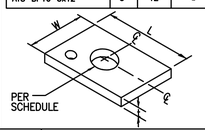


ISOLATOR NUT



5 ISOLATOR NUT DETAIL

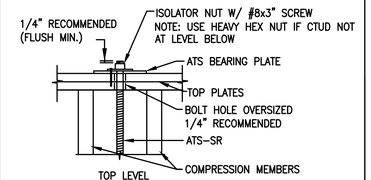
MODEL	ATS PLATE DIMENSIONS					COLOR CODE
	W (IN)	L (IN)	t (IN)	D_{hole} (IN)	D_{rod} (IN)	
ATS-BP5-3x3.5	3	3 ½	⅜	1/16	⅝	BLUE
ATS-BP5-3x5.5	3	5 ½	⅜	1/16	⅝	BLUE
ATS-BP5-5x5.5	5	5 ½	¾	1/16	⅝	BLUE
ATS-BP6-3x5.5	3	5 ½	⅝	1 1/8	¾	RED
ATS-BP6-5x5.5	5	5 ½	⅝	1 1/8	¾	RED
ATS-BP7-3x5.5	3	5 ½	⅝	15/16	⅞	GREEN
ATS-BP7-5x5.5	5	5 ½	⅝	15/16	⅞	GREEN
ATS-BP8-3x5.5	3	5 ½	1	1 1/8	1	WHITE
ATS-BP8-5x5.5	5	5 ½	1	1 1/8	1	WHITE
ATS-BP9-3x5.5	3	5 ½	⅝	1 3/16	1 ⅛	ORANGE
ATS-BP9-5x5.5	5	5 ½	⅝	1 3/16	1 ⅛	ORANGE
ATS-BP10-3x9	3	9	1	1 5/16	1 ¼	PURPLE
ATS-BP10-3x12	3	12	1 ½	1 5/16	1 ¼	PURPLE
ATS-BP10-3x15	3	15	1 ¾	1 5/16	1 ¼	PURPLE
ATS-BP10-5x9	5	9	1	1 5/16	1 ¼	PURPLE
ATS-BP10-5x12	5	12	1 ½	1 5/16	1 ¼	PURPLE



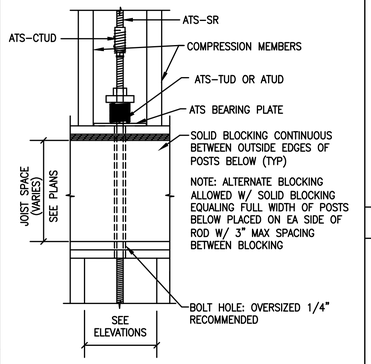
BEARING PLATES ARE COLOR CODED TO MATCH RODS

6 BEARING PLATES

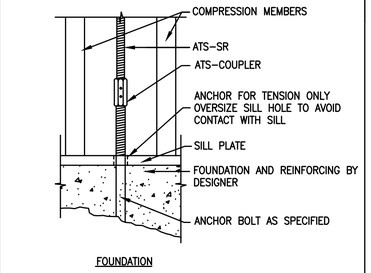
NOTE: NO SPLICE IN TOP PLATE IS PERMITTED WITHIN 8" OF ATS-SR



TOP LEVEL

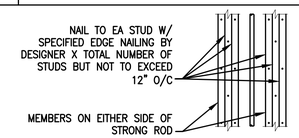


FLOOR LEVEL



FOUNDATION

7 INSTALLATION DETAILS

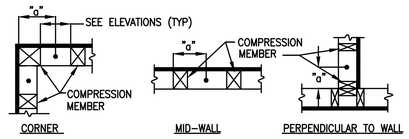


8 SHEARWALL EDGE NAILING

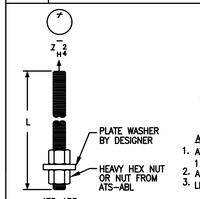
NOMENTCLATURE
ATS – ANCHOR TIEDOWN SYSTEM
HSCN – HIGH STRENGTH COUPLER NUT
CN – COUPLER NUT
HSR – HIGH STRENGTH ROD
SR8H – STRONG ROD – HIGH STRENGTH
BP – BEARING PLATE
TUD – TAKE UP DEVICE
HSC – HIGH STRENGTH COUPLER

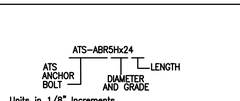
ANCHOR BOLT LAYOUT		
POST SIZE	"o" W/ 6" SPACING BETWEEN STUDS	"o" W/ 9" SPACING BETWEEN STUDS
2x4 or 2x6	4 1/2"	6"
3x4 or 3x6	5 1/2"	7"
2-2x4 or 2-2x6	6"	7 1/2"
2-3x4 or 2-3x6	8"	9 1/2"
4x6 or 6x6	8 1/2"	10"
4x8	10 1/4"	11 3/4"
6x8	10 1/2"	12"
4x10	12 1/4"	13 3/4"
6x10	12 1/2"	14"

1. COMPRESSION MEMBERS DO NOT INCLUDE TRIMMERS.
2. LOCATE ANCHOR BOLT W/ NARROWEST COMPRESSION MEMBER.
3. WHEN SHEARWALLS MEET IN A CORNER AND SHARE A COMMON CORNER POST, THE POST SHALL BE THE LARGER OF THAT SPECIFIED FOR EACH INDIVIDUAL SHEARWALL.

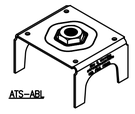


9 ANCHOR BOLT LAYOUT





ATS-ABR NOTES
1. ATS ANCHOR BOLTS AVAILABLE IN 5/8" THRU 1 1/4" DIA IN STANDARD AND HIGH STRENGTH.
2. ANCHOR BOLT SIZE AND LENGTH BY DESIGNER.
3. LENGTHS AVAILABLE IN 18", 24", 30", AND 36".

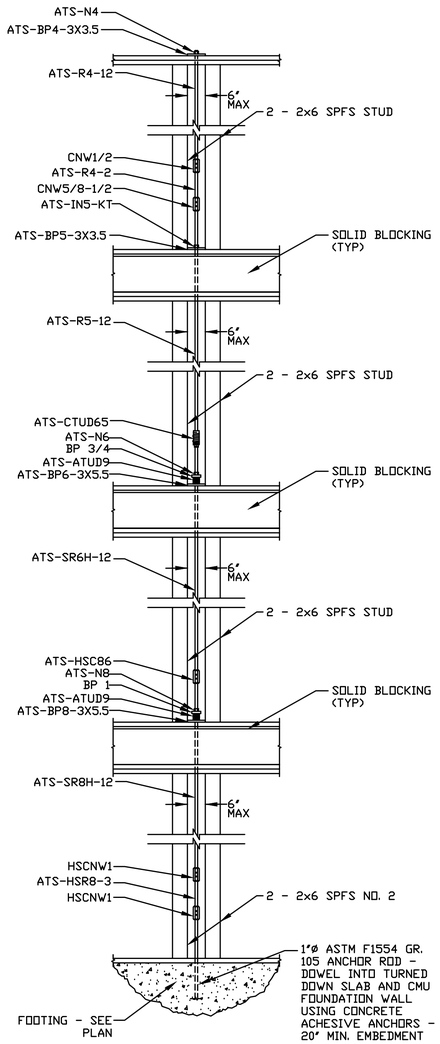


ATS-ABL

MODEL NO.	ANCHOR BOLT DIAMETER
ABL4-1	1/2"
ABL5-1	5/8"
ABL6-1	3/4"
ABL7-1	7/8"
ABL8-1	1"
ABL9-1	1 1/8"
ABL10-1	1 1/4"

ATS-ABL NOTES AND INSTALLATION
ABL CAN BE USED FOR TENSION OR SHEAR BOLT APPLICATIONS.
MODELS SHOWN PROVIDE 1" STANDOFF. A 1 1/2" STANDOFF ALSO AVAILABLE.
MODELS WITH OST NUTS AVAILABLE FOR USE WITH HDG RODS.
ATTACH ABL TO FRAMEWORK WITH (2) MIN NAILS OR SCREWS.
ATTACH THE UPPER NUT AND PLATE WASHER TO THE ABR OR THREADED ROD.
THREAD THE ABR OR THREADED ROD INTO THE ABL UNTIL IT BOTTOMS OUT ON THE PLATE WASHER.

10 ANCHOR BOLTS & ANCHOR BOLT LOCATOR



11 ATS ELEVATION

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REVISIONS		
No.	Date	Description
1	11.01.13	Pool Equip., Ftgs & Rf Slope

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Simpson Anchor Tiedown System (ATS)

Phase
Construction Documents

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STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No.	12-111
Prepared by	AB:LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S601

Released for

Hampton Inn and Suites

LEGEND

	SUPPLY DIFFUSER (NEW)
	RETURN GRILLE (NEW)
	SUPPLY DIFFUSER (FLOOR ABOVE)
	RETURN GRILLE (FLOOR ABOVE)
10x10	RA TRANSFER GRILLE
EF-1	EXHAUST FAN
T	THERMOSTAT 4'-0" A.F.F.
R	REMOTE TEMPERATURE SENSOR
C	CARBON DIOXIDE SENSOR
	RECTANGULAR DUCT
	FLEXIBLE DUCT
	ROUND RIGID DUCT
	TURNING VANES
VD	VOLUME DAMPER
BDD	BACKDRAFT DAMPER
SD	SPLITTER DAMPER
FD	FIRE DAMPER WITH 8x8 ACCESS DOOR
C	CONDENSATE PIPING
S	DUCT-MOUNTED SMOKE DETECTOR
CU	CONDENSING UNIT
DF	DUCT FURNACE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
CC	COOLING COIL
CFM	CUBIC FEET PER MINUTE
EA	EXHAUST AIR
HP	HEAT PUMP
PH	PERIMETER HEAT
RA	RETURN AIR
RTU	ROOFTOP UNIT (PACKAGED)
SA	SUPPLY AIR
SP	STATIC PRESSURE
VAV	VARIABLE AIR VOLUME
	DOOR UNDER CUT 3/4"
	DOOR LOUVER
	CONNECT NEW TO EXISTING
	POINT OF DEMLOITION
VAV-1	VAV BOX
PH-1	PERIMETER HEAT BOX

MECHANICAL GENERAL NOTES

1. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING CONFIGURATION, ETC.

2. INSTALLATION OF ANY EQUIPMENT SHALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS. CONTRACTOR TO COORDINATE THE SHOP DRAWING INFORMATION WITH ALL OTHER TRADES. (EXAMPLE ROOFTOP UNITS PHYSICAL SIZE AND WEIGHT MUST BE COORDINATED WITH STRUCTURAL SYSTEMS THRU GENERAL CONTRACTOR, LIKEWISE ALL ELECTRICAL CHARACTERISTICS WILL REQUIRE COORDINATION THRU GENERAL CONTRACTOR WITH ELECTRICAL CONTRACTOR).

3. ALL DUCTWORK SHALL BE SUPPORTED AS PER SMACNA STANDARDS.

4. ALL PIPING AND DUCTWORK LOCATIONS SHALL BE COORDINATED WITH THE WORK UNDER OTHER TRADES, TO AVOID INTERFERENCE.

5. ALL RECTANGULAR AND ROUND DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH SMACNA STANDARDS. ALL SQUARE ELBOWS SHALL HAVE DOUBLE THICKNESS TURNING VANES.

6. MECHANICAL CONTRACTOR SHALL BALANCE SYSTEM TO CFM'S INDICATED ON PLANS AND PROVIDE ARCHITECT WITH COMPLETE BALANCE REPORT.

7. NEW FLEXIBLE DUCT SHALL BE INSULATED THERMAFLEX M-KE OR APPROVED EQUAL. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0".

8. LOCATE ALL THERMOSTATS AND SWITCHES 4'-6" ABOVE FINISHED FLOOR.

9. ALL DUCTWORK SPECIFIED OR NOTED TO BE LINED SHALL BE LINED WITH ONE INCH THICK DUCT LINER HAVING NOT LESS THAN A "k" VALUE OF 0.22 AT 75° F. MEAN TEMPERATURE WITH ONE SIDE COATED FACING AIR STREAM CONFORMING TO THE DUCT LINE MATERIALS STANDARD AHC-101 DATED 1975 OF THE NATIONAL INSULATION MANUFACTURERS ASSOCIATION.

10. ALL DUCTWORK SPECIFIED OR NOTED TO BE LINED SHALL BE INCREASED IN SIZE TO ALLOW FOR LINER. DUCT DIMENSIONS SHOWN OR NOTED ON PLANS ARE INSIDE CLEAR.

11. SPACE ABOVE CEILING TO BE USED AS RETURN AIR PLENUM WHERE DUCT IS NOT INDICATED ABOVE RETURN AIR GRILLES. DUCTS RETURNING AIR ABOVE CEILING SHALL BE OPEN END WITH BOXED EDGES.

12. ANY DEVICE REQUIRING A THERMOSTAT FOR CONTROL SHALL BE FURNISHED WITH A THERMOSTAT WHETHER INDICATED ON THE DRAWINGS OR NOT. IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO FURNISH ALL THERMOSTATS, CONTROLS, ETC.

13. ALL CUTTING, PATCHING OF SLAB, ROOF OR OTHER BUILDING COMPONENTS TO BE BY THE GENERAL CONTRACTOR.

14. WHERE INDICATED, THERMOSTATS SHALL HAVE OPAQUE PLASTIC LOCKING GUARDS FURNISHED BY THERMOSTAT MANUFACTURER AS STANDARD ACCESSORY SIMILAR TO WHITE-ROGERS PLASTIC THERMOSTAT GUARDS.

15. THE TOPS OF ALL SUPPLY AND RETURN AIR DISTRIBUTION ON A DUCTED RETURNED SYSTEM SHALL BE INSULATED WITH 1-1/2" THICK BATT INSULATION WITH VAPOR BARRIER.

16. ALL PIPING, DUCTS, VENTS, ETC., EXTENDING THROUGH WALLS AND ROOF SHALL BE FLASHED AND COUNTERFLASHED IN A WATERPROOF MANNER.

17. EXTEND ALL DRAIN LINES TO SPLASHBLOCK OR AS INDICATED, SO ROUTED AS TO AVOID INTERFERENCE WITH PASSAGEWAYS AND MAINTENANCE. DRAINS FROM AIR HANDLING UNITS SHALL BE TRAPPED. ALL DRAIN LINES SHALL BE INSULATED.

18. ALL PIPING AND DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS AND PARTITIONS.

19. EXTEND DRAIN LINES FROM RELIEF VALVES TO NEAREST FLOOR DRAIN.

20. ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS AND FURTHER SUPPORTS OR HANGERS AS REQUIRED TO PREVENT THE WEIGHT OF PIPING BEING PLACED ON EQUIPMENT.

21. MINIMUM PIPE SIZE SHALL BE 1/2".

22. RUNOUTS SHALL PITCH DOWN IN DIRECTION OF FLOW A MINIMUM OF 1" IN 3'-0".

23. ALL CONCRETE PADS UNDER MECHANICAL EQUIPMENT SHALL BE 4" THICK REINFORCED WITH 6x6 10/10 WIRE MESH BY MECHANICAL CONTRACTOR, UNLESS NOTED OTHERWISE. COORDINATE PAD LOCATIONS WITH GENERAL CONTRACTOR TO VERIFY KEY LOCATIONS.

24. PROVIDE A DIELECTRIC FITTING BETWEEN FERROUS AND NON-FERROUS PIPING.

25. FIRE DAMPERS SHALL BE INSTALLED WHERE SHOWN ON PLANS AND AT SLAB, WHERE DUCTS PASS THROUGH RATED FLOORS.

26. HVAC SYSTEM TEST AND BALANCE (TAB) SHALL BE PROVIDED BY AN INDEPENDENT NEBB OR AABC CERTIFIED TEST AND BALANCE COMPANY, WORKING AS A SUBCONTRACTOR OF THE GENERAL CONTRACTOR. THE TAB SHALL BE COMPLETED AND RESULTS SENT TO THE MECHANICAL ENGINEER OF RECORD. THE RESULTS WILL BE REVIEWED BY THE ENGINEER WHO WILL NOTE ANY DEFICIENCIES IN HIS REPORT. THE MECHANICAL CONTRACTOR SHALL THEN CORRECT ANY SYSTEM DEFICIENCIES AND RESUBMIT THE TAB REPORT TO THE ENGINEER. ALL SYSTEM DEFICIENCIES SHALL BE ADDRESSED BY MECHANICAL CONTRACTOR AND THE TAB REPORT SHALL BE APPROVED BY THE MECHANICAL ENGINEER OF RECORD PRIOR TO BUILDING OCCUPANCY.

DUCT SMOKE DETECTORS

1. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL DUCT-MOUNTED SMOKE DETECTORS, ONE IN THE SUPPLY DUCT, AND ONE IN THE RETURN DUCT OF EACH AIR HANDLING UNIT WHERE INDICATED ON THE PLANS.

2. EACH DETECTOR SHALL BE WIRED SUCH THAT WHEN THE DETECTOR ACTIVATES, IT SHUTS DOWN THE UNIT IN WHICH IT IS INSTALLED.

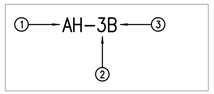
3. THE DETECTORS SHALL BE IONIZATION TYPE. AN ACCESS DOOR SHALL BE PROVIDED IN THE DUCT TO ALLOW FOR TESTING OF THE DETECTOR.

4. THE MONITORING STATION SHALL BE WIRED TO THE DETECTORS TO DISPLAY AN ALARM WHEN EITHER OF THE TWO DETECTORS IS ACTIVATED (WIRED IN SERIES).

5. THE DETECTORS SHALL BE PROVIDED WITH A SET OF AUXILIARY CONTACTS FOR THE ELECTRICAL CONTRACTOR TO MAKE A CONNECTION TO THE FIRE ALARM PANEL. THE CONNECTION ALLOWS THE FIRE ALARM CONTROL PANEL (FACP) TO SENSE WHEN A DETECTOR IS IN THE ALARM MODE. MONITORING OF DETECTOR STATUS SHALL BE AT THE ALARM PANEL. THE FACP DOES NOT SHUT DOWN THE AIR HANDLING UNIT, THE DETECTOR SHUTS DOWN THE UNIT IF THE DETECTOR ACTIVATES. THE MECHANICAL CONTRACTOR SHALL WIRE THE DETECTORS TO SHUT-DOWN THE UNIT IN THE EVENT THAT SMOKE IS DETECTED.

HVAC UNIT TAGS

1. TYPE OF UNIT
   - AH AIR HANDLING UNIT
   - CU CONDENSING UNIT
   - DF DUCT FURNACE
   - GF GAS FURNACE
   - HP HEAT PUMP
   - PG PACKAGED GAS UNIT
   - PT PACKAGED TERMINAL UNIT



2. UNIT NUMBER

3. LETTER DESIGNATES MORE THAN ONE UNIT WITHIN A ZONE

MECHANICAL DRAWING INDEX

M100 MECHANICAL LEGEND NOTES AND SCHEDULES
M101 MECHANICAL SCHEDULES
M102 MECHANICAL SCHEDULES
M200 MECHANICAL DETAILS
M201 MECHANICAL DETAILS
M300 MECHANICAL HVAC: FIRST FLOOR PLAN
M301 MECHANICAL HVAC: SECOND FLOOR PLAN
M302 MECHANICAL HVAC: THIRD FLOOR PLAN
M303 MECHANICAL HVAC: FOURTH FLOOR PLAN
M304 MECHANICAL HVAC: ROOF PLAN

DEDICATED OUTDOOR AIR (DOAS) - PACKAGED ROOFTOP UNIT

UNIT INFORMATION

MARK	MAU-1
WEIGHT (LBS)	6000
SUPPLY CFM	10,000
SUPPLY ESP (IN.W.G.)	2.50

COOLING SECTION

TOTAL CAPACITY	855.10 MBH
SENSIBLE CAPACITY	317.66 MBH
ENTERING AIR TEMP	85.7 °F DB / 80.25 °F WB
LEAVING AIR TEMP	55.43 °F DB / 55.23 °F WB

HEATING SECTION

INPUT CAPICITY	810.00 MBH
OUTPUT CAPACITY	648.00 MBH
ENTERING AIR TEMP	17.6 °F
LEAVING AIR TEMP	77.5 °F

SUPPLY FAN

HP	15.0
FRPM	1188

ELECTRICAL DATA

VOLTAGE	208/3
COMP RLA	4 X 55.8
EVAP FAN FLA	46.2
COND FAN FLA	6 X 7.0
MCA	325
MAX FUSE	350

STANDARD OF PERFORMANCE

AAON RN-070-8-0-BA04-3D9

REMARKS:

1. FACTORY ASSEMBLED, PIPED, WIRED AND TESTED AS A SINGLE PACKAGE
2. UNIT SHALL INCLUDE A 100% OUTSIDE AIR HOOD WITH 2 POSITION MOTORIZED DAMPER
3. UNIT SHALL INCLUDE 4 STAGE COOLING, 4 COMPRESSOR CIRCUITS WITH INTERLACED-CIRCUIT DX COIL (HORIZONTAL SPLIT NOT ACCEPTABLE)
4. UNIT SHALL INCLUDE 5:1 MODULATING NATURAL GAS HEATING WITH 304 SERIES STAINLESS STEEL HEAT EXCHANGER WITH A 25 YEAR WARRANTY (PARTS ONLY)
5. UNIT SHALL INCLUDE HOT GAS BYPASS ON FIRST REFRIGERATION CIRCUIT (FROST-STAT COMPRESSOR CYCLING NOT ACCEPTABLE)
6. UNIT SHALL INCLUDE MODULATING HOT GAS REHEAT COIL FOR DEHUMIDIFICATION (2-POSITION OR DEDICATED HEAT PUMP CIRCUIT NOT ACCEPTABLE)
7. UNIT SHALL INCLUDE STAINLESS STEEL DRAIN PAN
8. UNIT SHALL INCLUDE MANUAL RESET HIGH PRESSURE SWITCHES & AUTO RESET LOW PRESSURE SWITCHES
9. UNIT SHALL INCLUDE ECM CONDENSER FAN MOTORS FOR CONDENSER HEAD PRESSURE CONTROL
10. UNIT SHALL INCLUDE 4" MERV 12 FILTERS AND 2" MERV 8 PRE-FILTERS
11. CONTROLS: WATTMASTER/ORION VCMX CONTROLLER WITH AMBIENT DEWPOINT SENSOR; ELECTRONIC SEQUENCING OF COMPRESSORS AND HEATING AND MODULATING HOT GAS RE-HEATING.
    THE INTENTION OF THIS UNIT IS TO PROVIDE CONTINUOUS DEHUMIDIFICATION OF OUTSIDE AIR WHILE ALSO PROVIDING TEMPERATURE CONTROL TO THE SPACE IT SERVES. IF THIS CAUSES OVERCOOLING IN THE SPACE, THE MODULATING HOT GAS REHEAT VALVE SHALL OPEN TO SATISFY THE CONDITIONED SPACE REQUIREMENT. FIELD MOUNTED CONTROLS SHALL INCLUDE A DUCT MOUNTED LEAVING AIR STAT AND A WALL MOUNTED STAT (SEE PLANS FOR LOCATION). ALL UNIT MOUNTED CONTROLS FOR COMPLETE OPERATION SHALL BE INSTALLED BY THE EQUIPMENT MANUFACTURER.
12. 2" FOAM INJECTED INSULATED (MINIMUM R13 VALUE) DOUBLEWALL CABINET CONSTRUCTION
13. UNIT SHALL INCLUDE INTEGRAL NON-FUSED DISCONNECT
14. DUCT MOUNTED SMOKE DETECTOR PROVIDED BY ELECTRICAL, INSTALLED BY MECHANICAL
15. UNIT SHALL INCLUDE A 36" HIGH FACTORY ASSEMBLED AND INSULATED ROOF CURB/PLENUM WITH VIBRATION ISOLATION RAILS
16. UNIT SHALL BE AHRI LISTED AND CERTIFIED (COIL ONLY CERTIFICATION IS NOT ACCEPTABLE)
17. COMPRESSORS SHALL HAVE 5 YEAR WARRANTY (PARTS ONLY)
18. CONTACT GARY GORHAM @ GORHAM/SCHAFFLER, INC. FOR INFORMATION PHONE: 1-901-345-6100

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SEG - 13-039

REVISIONS		
No.	Date	Description

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STATE OF LOUISIANA
GEORGE WELLS AUSTIN JR.
LICENSED PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC Notes, Schedules, and Legend

Phase
FOR CONSTRUCTION

Project No.	12-111
Prepared by	CDC
Checked by	GWA
Date	September 16, 2013
Released for	

Sheet No. M100

Hampton Inn and Suites

SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

UNIT NO.	LOCATION	AREA SERVED	SUPPLY – FAN DATA					COOLING CAPACITY		AUX. HEATER		REFRIG. LINES		ELECTRICAL DATA			WEIGHT (LBS.)	TRANE MODELS AH/HP	NOTES
			TOTAL CFM	MIN. O.A. CFM	MIN.EXT. S.P. (IN.WG)	FAN RPM	MOTOR H.P.	TOTAL B.T.U.H	SENSIBLE B.T.U.H.	KW # STEPS	VOLT/PH	SUCTION	LIQUID	VOLT/PH	MCA	MOCP			
AHU–1 HP–1	SEE PLANS	SEE PLANS	3000	450	0.50	MFR	1.5	96,000	MFGR	26.20/2	208/3ø	MFR	MFR	208/3 208/3	32.5 21	35 35	325 250	GAM5A0B30 (2) 4TWA3048	1–9
AHU–2 HP–2	SEE PLANS	SEE PLANS	3000	450	0.50	MFR	1.5	96,000	MFGR	26.20/2	208/3ø	MFR	MFR	208/3 208/3	45.7 21	50 35	325 250	GAM5A0B30 (2) 4TWA3048	1–9
AHU–3 HP–3	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–4 HP–4A,4B	SEE PLANS	SEE PLANS	1000	150	0.50	MFR	1/3	30,000	MFGR	5.76/1	208/1ø	MFR	MFR	208/1 208/3	38 11	40 15	135 205	GAM5A0B30 4TWA3030	1–9
AHU–5 HP–5A,5B	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–6 HP–6	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–10
AHU–7 HP–7	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–8 HP–8	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	3.60/1	208/1ø	MFR	MFR	208/1 208/3	31 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–9 HP–9	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–10 HP–10	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–10 HP–10	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFGR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9

NOTES:
1. HEAT PUMP UNITS SHALL BE MINIMUM 13.0 SEER
2. INDOOR UNIT: MCA & MOCP ARE FOR SINGLE POINT POWER CONNECTIONS
3. PROVIDE MERV–12 FILTERS AT ALL AIR HANDLING UNITS. PROVIDE MERV–7 PRE–FILTERS AT ALL UNIT THAT EXCEED 3000 CFM.
4. SECONDARY DRAIN PAN WITH FLOAT SWITCH
5. OUTDOOR AIR VOLUME MEETS THE REQUIREMENTS OF ASHRAE STANDARD 62–2004
6. PROVIDE MANUFACTURERS AUTOMATIC CHANGEOVER HEAT/COOL THERMOSTAT. PROVIDE WITH LOCKING COVER.
7. DISCONNECT SWITCHES BY E.C.
8. PLENUM RATED CONDENSATE PUMP
9. PROVIDE VIBRATION ISOLATION AND INSULATED RETURN ELBOWS FOR EACH AIR HANDLER
10. PROVIDE AIR HANDLING UNITS WITH FOIL–FACED FIBERGLASS INSULATION OR CLOSED–CELL ELASTOMERIC INSULATION.

FAN SCHEDULE

FAN EF–1
GREENHECK MODEL SP–B90 CEILING CABINET FAN

25 CFM @ 0.375" ESP; 50 WATTS; 555 FRPM; 120V/60/1ø; 2.0 SONES; WEIGHT = 11 LBS WITH:
① ② ⑥ ⑦ ⑩

SET FANS IN GUESTROOM BATHROOMS FOR CONTINUOUS OPERATION

FAN EF–2
GREENHECK MODEL SP–B90 CEILING CABINET FAN

50 CFM @ 0.375" ESP; 50 WATTS; 664 FRPM; 120V/60/1ø; 2.5 SONES; WEIGHT = 11 LBS WITH:
① ② ⑤ ⑥ ⑦ ⑩

TOILET FANS NOT IN GUESTROOMS OPERATE VIA WALL SWITCH

FAN EF–3
GREENHECK MODEL SP–A390 CEILING CABINET FAN

200 CFM @ 0.375" ESP; 135 WATTS; 967 FRPM; 120V/60/1ø; 2.1 SONES; WEIGHT = 25 LBS WITH:
① ② ⑥ ⑧ ⑩ ⑫

FAN EF–4
GREENHECK MODEL SP–A390 CEILING CABINET FAN

250 CFM @ 0.375" ESP; 135 WATTS; 967 FRPM; 120V/60/1ø; 2.1 SONES; WEIGHT = 25 LBS WITH:
① ② ⑥ ⑧ ⑩ ⑫

ACCESSORIES:

① BACKDRAFT DAMPER
② DISCONNECT SWITCH
③ ROOF CURB
④ BIRD SCREEN
⑤ WALL SWITCH BY EC.
⑥ VIBRATION ISOLATION
⑦ HOODED WALL CAP WC–6
⑧ HOODED WALL CAP WC–8
⑨ BRICK VENT
⑩ SPEED CONTROLLER
⑪ CO MONITOR CONTROL
⑫ THERMOSTAT CONTROL
⑬ TIMECLOCK CONTROL (BY MC)
⑭ FAN SHALL BE CONTROLLED VIA BUILDING CONTROL SYSTEM.
⑮ INTERLOCK WITH LIGHTS
⑯ OCCUPANCY SENSOR
⑰ ALUMINUM BIRDSCREEN
⑱ ROOF CAP MODEL RJ–6x9

NOTES:
1. WEIGHT LISTED DOES NOT INCLUDE ACCESSORIES.
2. ROOF CURB SHALL MATCH ROOF PITCH

DIFFUSER SCHEDULE

TAG	SERVICE	CFM	NECK SIZE	FRAME TYPE	PATTERN	DAMPER	MATERIAL	FINISH	MFG & MODEL No.	TYPE	NOTES
Ⓐ	SUPPLY	AS NOTED	AS NOTED	LAY–IN	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6500	LOUVER FACE	1
Ⓑ	RETURN	AS NOTED	AS NOTED	LAY–IN	NA	NO	STEEL	NOTE 2	NAILOR MODEL 4360	PERFORATED	1
Ⓒ	EXHAUST	AS NOTED	AS NOTED	SURFACE	NA	NO	STEEL	NOTE 2	NAILOR MODEL 61EC	EGGCRATE	1
Ⓓ	SUPPLY	AS NOTED	AS NOTED	SURFACE	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6550	LOUVER FACE WITH ADJUSTABLE CORE	1
Ⓔ	SUPPLY	AS NOTED	AS NOTED	SURFACE	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6500	12x12 PANEL – LOUVER FACE	1
Ⓕ	RETURN	AS NOTED	AS NOTED	LAY–IN	NA	NO	ALUMINUM	NOTE 2	NAILOR MODEL 51FE	EGGCRATE FILTER GRILLE	1
Ⓖ	RETURN	AS NOTED	AS NOTED	SURFACE	NA	NO	STEEL	NOTE 2	NAILOR MODEL 4360	PERFORATED	1
Ⓗ	SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	YES	STEEL	NOTE 2	NAILOR MODEL 5010	LINEAR SLOT DIFFUSER (1" SLOTS)	1, 3, 4
Ⓘ	OA SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINUM	NOTE 2	AMERICAN ALDES MODEL CSR–R–II	CONSTANT SUPPLY GRILLE FOR ROUND DUCT ATTACHMENT	1
Ⓙ	SUPPLY	AS NOTED	AS NOTED	SURFACE	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6500	LOUVER FACE	1
Ⓚ	SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINIUM	NOTE 2	NAILOR MODEL 5310I	LINEAR SLOT DIFFUSER 60" LONG, 3 SLOTS (1" SLOTS)	1
Ⓛ	SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINIUM	NOTE 2	NAILOR MODEL 51DV	DOUBLE DEFLECTION GRILLE	1
Ⓜ	RETURN	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINIUM	NOTE 2	NAILOR MODEL 5155H	FIXED DEFLECTION RETURN GRILLE	1
⊥	TRANSFER	18x18	NA	SURFACE	NA	NO	STEEL	NOTE 2	NAILOR MODEL 61DGD	SIGHT PROOF DOOR RETURN AIR GRILLE	1

NOTES:
1. DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS: DIFFUSER OR NECK SIZE / AIR QUANTITY — 12x12 / 333 (C) — DIFFUSER TYPE AS NOTED ABOVE
2. COLOR AS DIRECTED BY ARCHITECT
3. PROVIDE NUMBER OF 1" SLOTS TO ACHIEVE 50 CFM/FOOT
4. PROVIDE WITH LINED PLENUM FROM FACTORY

DUCTLESS SPLIT-SYSTEM EQUIPMENT

2.0–TON UNIT

DAHU–1 WALL–MOUNTED AIR HANDLING UNIT
MITSUBISHI MODEL PKA–A24KA4 (INDOOR AIR HANDLING UNIT)

DCU–1 MITSUBISHI MODEL PUY–A24NHA (OUTDOOR CONDENSING UNIT)

2 TON NOMINAL COOLING–ONLY UNIT, 700 CFM (HI WITH WET COIL); RATED COOLING=24,000 BTUH @80/67'F INDOOR AND 95'F/75'F OUTDOOR, MINIMUM CAPACITY=12,000 BTUH, TOTAL INPUT=2,250 W, SEER=17.0, POWER SUPPLY 208/230V/1/60, CONTROL VOLTAGE = 24V.

INDOOR UNIT: WALL MOUNTED UNIT, MCA=1.0, FLA=0.36, PROVIDE WITH WALL–MOUNT, WIRED THERMOSTAT. WEIGHT 46 LBS.

OUTDOOR UNIT: GROUND–MOUNTED UNIT, MCA=18.0, MOCP=30. WEIGHT 163 LBS.

R–410A REFRIGERANT, 100 FOOT MAX LINE LENGTH. PROVIDE MICROFLOAT SWITCH IN CONDENSATE DRAIN PAN FOR UNIT SHUTDOWN AT FAILURE OF PRIMARY CONDENSATE DRAIN.

1.5–TON UNIT

DAHU–2 WALL–MOUNTED AIR HANDLING UNIT
MITSUBISHI MODEL PKA–A18GAL (INDOOR AIR HANDLING UNIT)

DCU–2 MITSUBISHI MODEL PUY–A18NHA (OUTDOOR CONDENSING UNIT)

1.5 TON NOMINAL COOLING–ONLY UNIT, 380 CFM (HI WITH WET COIL); RATED COOLING=18,000 BTUH @80/67'F INDOOR AND 95'F/75'F OUTDOOR, MINIMUM CAPACITY=8000 BTUH, TOTAL INPUT=2240W, SEER=14.1, POWER SUPPLY 208/230V/1/60, CONTROL VOLTAGE = 24V.

INDOOR UNIT: WALL MOUNTED UNIT, MCA=1.0, FLA=0.33, PROVIDE WITH WALL–MOUNT THERMOSTAT. WEIGHT 35 LBS.

OUTDOOR UNIT: ROOF–MOUNTED UNIT, MCA=13.0, MOCP=20, FAN MOTOR FLA=0.35, FAN MOTOR OUTPUT=40W. WEIGHT 97 LBS.

R–410A REFRIGERANT, 100 FOOT MAX LINE LENGTH. PROVIDE MICROFLOAT SWITCH IN CONDENSATE DRAIN PAN FOR UNIT SHUTDOWN AT FAILURE OF PRIMARY CONDENSATE DRAIN.

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REVISIONS		
No.	Date	Description

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STATE OF LOUISIANA
GEORGE WILLIS WHITTLE, JR.
REGISTERED PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC Schedules

Phase
FOR CONSTRUCTION

Project No. 12-111
Prepared by CDC
Checked by GWA
Date September 16, 2013

Sheet No. M101

Released for

Hampton Inn and Suites

PACKAGED TERMINAL HEAT PUMP UNIT SCHEDULE

UNIT NO.	LOCATION	AREA SERVED	SUPPLY – FAN DATA					COOLING CAPACITY				HEATING CAPACITY		POWER/ RATINGS						WEIGHT (LBS.)	UNIT POWER	GE MODELS NUMBER	NOTES
			LOW CFM	HI CFM	VENT FULL OPEN	VENT PART OPEN	SET O.A. CFM TO	REFRIG TYPE	TOTAL B.T.U.H	EER BTU/WATT	DEHUMID PINTS/HR	TOTAL B.T.U.H	COP	POWER FACTOR	S HEAT RATIO	COOLING WATTS	COOLING AMPS	HEATING WATTS	HEATING AMPS				
PTU–1	SEE PLANS	SEE PLANS	212	360	70	45	0	410A	9,200	12.7	2.7	8,100	3.8	92%	75%	725	3.8	630	3.3	105	208V/1PH	AZ61H09D	1–9
PTU–2	SEE PLANS	SEE PLANS	284	370	75	45	0	410A	11,600	12.1	3.5	10,400	3.7	92%	70%	960	5.0	835	4.5	105	208V/1PH	AZ61H12D	1–9

NOTES:
1. PROVIDE WITH LINE CORD CONNECTION KIT
2. PROVIDE WALL SLEEVE
3. PROVIDE OUTSIDE GRILLE TYPE PER DIRECTION OF ARCHITECT
4. PROVIDE OUTSIDE GRILLE COLOR PER DIRECTION OF ARCHITECT
5. PROVIDE WITH REMOTE THERMOSTAT
6. PROVIDE OTHER ACCESSORIES AS NEEDED FOR A COMPLETE INSTALLATION WITH PROPER UNIT FUNCTIONS

LOUVER SCHEDULE

L–1 – RELIEF LOUVER
RUSKIN MODEL ELF375DX – 24" WIDE x 18" TALL

ELF375DX IS A STATIONARY LOUVER, EXTRUDED ALUMINUM CONTUCTION. PROVIDE LOUVER TO MATCH WALL CONSTRUCTION TYPE.

650 CFM, 1.33 SF (50%) FREE AREA, 490 FPM RELIEF VELOCITY, 0.03" PRESSURE DROP.

PROVIDE L–3 LOUVER WITH: ① ② ③ ④

L–2 – EXHAUST LOUVER
RUSKIN MODEL ELF375DX – 18" WIDE x 12" TALL

ELF375DX IS A STATIONARY LOUVER, EXTRUDED ALUMINUM CONTUCTION. PROVIDE LOUVER TO MATCH WALL CONSTRUCTION TYPE.

250 CFM (MAX), 0.41 SF (41% FREE AREA LOUVER), 610 FPM EXHAUST VELOCITY, 0.05" PRESSURE DROP.

PROVIDE LOUVER L–2 WITH: ① ② ③

L–3 – EXHAUST LOUVER
RUSKIN MODEL ELF375DX – 12" WIDE x 12" TALL

ELF375DX IS A STATIONARY LOUVER, EXTRUDED ALUMINUM CONTUCTION. PROVIDE LOUVER TO MATCH WALL CONSTRUCTION TYPE.

50 CFM, 0.26 SF (26% FREE AREA LOUVER), 192 FPM EXHAUST VELOCITY, 0.06" PRESSURE DROP.

PROVIDE LOUVER L–3 WITH: ① ② ③

ACCESSORIES:

① INSECT SCREEN ② KYNAR FINISH ③ COLOR AS DIRECTED BY ARCHITECT ④ BACKDRAFT DAMPER

SWIMMING POOL UNIT - SPLIT SYSTEM

DRY-O-TRON® by Dectron

Load Summary and DRY-O-TRON® Selection

NORMAL MODE SUMMARY

Page 1 of 1
September 11, 2013

Project Information

Project Name	Hampton Inn & Suites - Monroe, LA				
Location	Monroe, LA		Summer		Winter
Altitude	79 ft	Outdoor Dry Bulb	96.0	°F	22.0 °F
Active Hours	14 hrs	Outdoor Wet Bulb	78.0	°F	18.0 °F
	Dry Bulb	Heat Index	Occupied		Unoccupied
Room Temperature	82 °F	82.77 °F	Relative Humidity Range	50 %	50 %

Refrigerant

R407C

Load Sources	Load Active	Load Inactive	Surface	Activity Factor	Water Temp	Primary Water Heater
Hotel	29.4	18.4	600	0.80	84	Dry-O-Tron
*Outdoor Air	9.2	- - -	449 CFM			
Spectators	0.0	- - -	0@0.150			
Total Dehumidification Load Lb/h	38.6	18.4	Summer Design Day Runtime		77 %	

DRY-O-TRON® SELECTION:

1 x DS-042 LBX Indoor Horizontal Conventional Pool Dehumidification & A/C Unit(s)
Unit(s) complete with:
- **3300 CFM @ 1.00" TOTAL ESP 1 x Forward Curve DWDI supply fan(s) (1 x 3 HP ODP motor)**
- **2 scroll compressor(s) / 2 circuit(s) / 2 stage(s)**
- **107.9 MBH Nominal Capacity**
- **Refrigerant R-407c**
- **39.4 lbs/Hr Moisture Removal Capacity @ 82 °F @ 50% RH**
- **68.3 MBH Gross Sensible Cooling Cap. @ 82 °F @ 50% RH**
- **Refrigerant Hot-Gas 'main' pool water heat exchanger**
- **Full Sized Refrigerant Hot-Gas air reheat coil**
- **Electric Heater (Unit Mounted) (38 kW) - 2 Stage Single Point Power**
- **Remote (Split) Outdoor Air Cooled Air Conditionning (1 x KVG082)**
- **Outdoor Air Cooled Condenser Distance : 75 / 75 feet**
- **449 CFM outdoor air opening (with Damper, filters, actuator and 7-day timeclock)**
- **¾" Insulation**
- **Drain Pan Coating: Standard(Resin)**
- **Blower Coating: Standard (Epoxy)**
- **Enclosure Coating: Powder**
- **Coil Coating: Standard: Fins = HyPoxy + End sheets = galvanized**
- **Supervisaire Microprocessor**
- **2 Year Standard Coil Warranty**
- **5 Year Extended Compressor Warranty**
- **2 Year Standard Major Component Warranty**
- **Unit Mounted Sensors:**
  - **-Return Air Temperature (Standard)**
  - **-Return Air Humidity (Standard)**
  - **-Pool Water Temperature (Standard)**
- **Unit Mounted (Operator Panel #1)**
- **Filtration Package :**
  - **2" MERV-8 Extended Surface, Pleated Filter with Antimicrobial**

Dry-O-Tron will heat a maximum of two (2) pools, selected for the highest load

210000889-0

DRY-O-TRON® by Dectron — Dehumidifier Unit Schedule — 9/11/2013

Job Information

Job Name	Hampton Inn & Suites - Monroe, LA (Monroe, LA)		
Description		Room Volume	13,500 ft³
Model Number	DS-042 (Conventional)	Cabinet Size	042 LBX
Nomenclature	DSH042ZAZX13337Q3452ZLZDZZZ188		

Supply Fan(s)

Blower Model	CFM	Type	Pole	Motor Type	Nom. HP	Act. BHP	FLA	VFD	VFD Amp.
ATLI 12 - 9 T2	3,300	FC DWDI		ODP	3.00	2.06	7.80	No	0.00
					89.50 % Eff				

Unit Supply Air Changes

Per Unit	Total	CFM	E.S.P. SA	E.S.P. RA	E.S.P. Total
14.70	14.70	3,300	0.80	0.20	1.00

ASHRAE Recommends 4 to 8 air changes.

Exhaust Fan #1 (Minimum Exhaust)

Total CFM	Mounting Location	E.S.P. EA	E.S.P. RA	E.S.P. Total	OA CFM
494	Remote*	0.00	0.00	0.00	449

* = Remote Fan By Others. OA must be preheated to 35°F during normal mode.

Return Air Filtration Package

Description	Dimensions	Quantity
2" MERV-8 Extended Surface, Pleated Filter with Antimicrobial	20" x 20" x 2"	4

Outdoor Air Filters

Description	Dimensions	Quantity
Standard 2" MERV-2 permanent washable and reusable	N/A	N/A

Compressor(s)

Refrigerant	# of Compressor	Stages	# of Independent Refrigerant Circuits
R-407C	2	2	2

Compressor Number	LRA	RLA	kW	Capacity (btu/h)	Compressor Type
Compressor #1	91	14.7	3.3	54,000	scroll
Compressor #2	91	14.7	3.3	54,000	scroll

* Please validate all information with DECTRON engineering 1 210000889-0-210-0

DRY-O-TRON® by Dectron — Dehumidifier Unit Schedule — 9/11/2013

Job Information

Job Name	Hampton Inn & Suites - Monroe, LA (Monroe, LA)		
Description		Room Volume	13,500 ft³
Model Number	DS-042 (Conventional)	Cabinet Size	042 LBX
Nomenclature	DSH042ZAZX13337Q3452ZLZDZZZ188		

Refrigerant Coil Data

Space Temperature (°F)	82.0		
Full Reheat Coil Capacity (btu/h)	127,158		
	Minimum RH	Maximum RH	Selected RH
Relative Humidity (%RH)	50	60	50
Moisture Removal Capacity (lb/h)	39.40	48.91	39.40
Evaporator Coil Sensible Capacity (btu/h)	68,280	59,280	68,280
Net Sensible Capacity Including Outside Air Load (btu/h)	49,645	40,645	49,645
Net Sensible Capacity Not Including Outside Air Load (btu/h)	58,434	47,434	58,434

Pool Water Heater Condenser / Unit Mounted

Heater	Type	Capacity (btu/h) Per Unit	GPM	Connection Information(s) Type	Size	Max PD PSIG	FT
#1	CuNi Vented Coax,	89,933	12.00	CPVC Schedule 80 Connections	1 1/2	6.00	13.86

Pool Water Auxiliary Heater

Auxiliary	Type	Capacity (btu/h) Per Unit	Location
#1		0	Remote By Others

Space Heating Coil Electric Heater

Location	Unit Mounted			Dectron Purge®
Capacity (btu/h)	129,700		Normal Mode	
kW	38.0	Entering Air Temp. (°F)	73.0	
Power Supply	Single Point	Leaving Air Temp. (°F)	110.2	
Control / Stages	2 Stages			
Temperature Rise per Stage	15.2			

Leaving Air Temperatures (Not Including Outside Air)

Dehumidification Mode (°F)	100.7	Air Conditioning Mode (°F)	66.7
Pool Water Heating Mode (°F)	82.0	Recirculation Mode (°F)	84.1

Electrical Data

	Unit Rating
MCA (Amps)	101
MOP (Amps)	175
Nominal unit kW	46
EER (Energy Efficiency Ratio)	13.24
Voltage	230
Phase	3
Hertz	60

* Please validate all information with DECTRON engineering 2 210000889-0-210-0

DRY-O-TRON® by Dectron — Dehumidifier Unit Schedule — 9/11/2013

Job Information

Job Name	Hampton Inn & Suites - Monroe, LA (Monroe, LA)		
Description		Room Volume	13,500 ft³
Model Number	DS-042 (Conventional)	Cabinet Size	042 LBX
Nomenclature	DSH042ZAZX13337Q3452ZLZDZZZ188		

Air Cooled Condenser #1 (Stages #1 & #2)

Model	KVG082		
Location	Remote (Split)		
Tag			
Air Flow	Vertical		
Ambient Temp.	100 °F	Voltage	230/3/60
Condensing Temp	120 °F	Power per Motor	1.4/0.95 kW
TD	20 °F	FLA per Motor	6.20
Condenser Capacity	210,000 Btu/hr	RPM per Motor	550/780 RPM rpm
Fan Arrangement	2 x 1	Total MCA	14.00
Total Condenser Weight	1,130.00 lbs	Total Fuse/MOP	15
		Refrigerant Type	R-407C
Control Panel	P52 - Contactor(s) without control, twin speed Ziehl-abegg		
Control Panel Voltage	24/1/60		
Control Panel Options	N - None		

Dry-O-Tron refrigerant circuits capacity, charge and line sizes summary :

Circuits Number	Capacity (btu/hr)	Factory	Field	System	Distance	Liquid Riser	Gas Riser	Liquid	Hot Gas
Circuit #1 THR	63,579	20.39	44.69	65.08	75	0	0	5/8"	7/8"
Circuit #2 THR	63,579	20.39	44.69	65.08	75	0	0	5/8"	7/8"
Total THR	127,158								

Line Sizes must be same size as UNIT Connections and will be size adjusted at the point of connection to the Outdoor Air Cooled Condenser
+/- 10% Refer to unit nameplate for confirmation.

* Please validate all information with DECTRON engineering 3 210000889-0-210-0

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No.	Date	Description

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STATE OF LOUISIANA — GEORGE WILLIS HOSTELLEY — 29 — PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

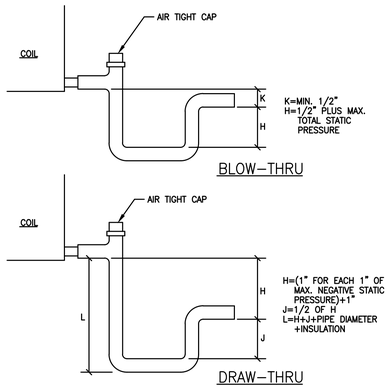
Drawing Title
Mechanical HVAC Schedules

Phase
FOR CONSTRUCTION

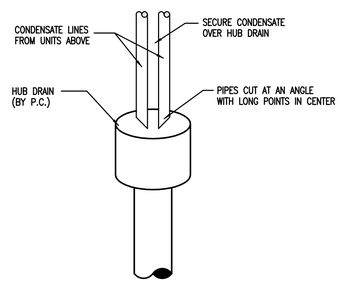
Project No.	12-111
Prepared by	CDC
Checked by	GWA
Date	September 16, 2013
Released for	

Sheet No. M102

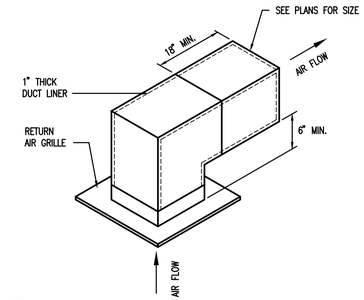
Hampton Inn and Suites



1	CONDENSATE TRAP DETAIL
M200	NO SCALE

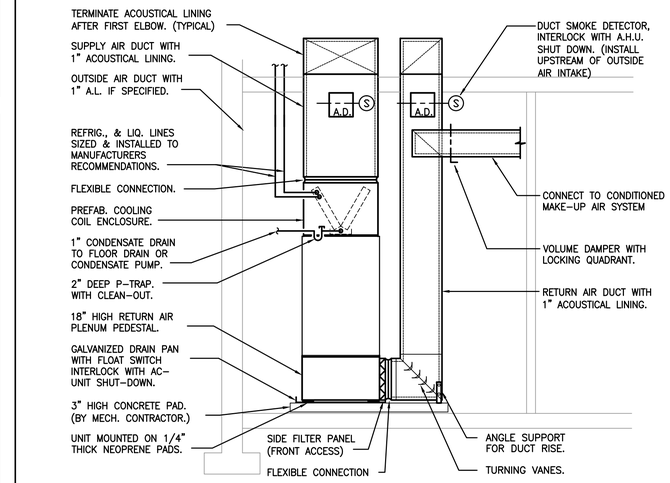


2	CONDENSATE TO HUB DRAIN DETAIL
M200	NO SCALE



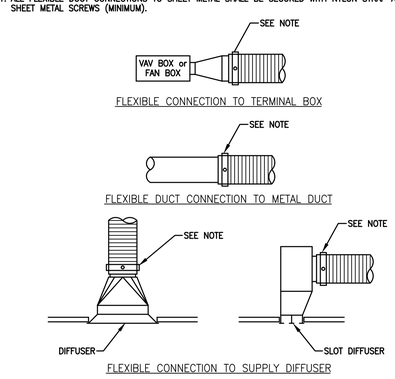
NOTE:
THIS DETAIL IS TYPICAL FOR ALL RETURN AIR DIFFUSERS IN OFFICES, CLASSROOMS, ETC., WITH SOUND BATTS IN WALLS, ON CEILING, AND WHERE WALLS EXTEND UP TO STRUCTURE. EXTEND SOUND TRAP LEG THRU WALLS AS REQ'D. TO INSURE THAT ALL ROOMS HAVE RETURN AIR CAPABILITIES. COORD. W/ARCH DWGS.

3	SOUND TRAP DETAIL
M200	NO SCALE

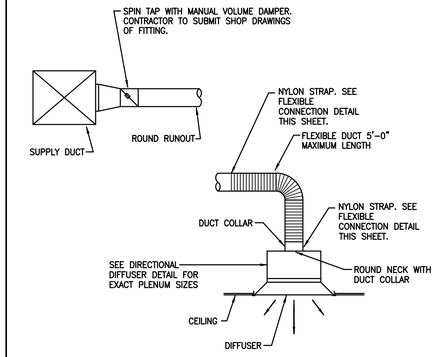


7	VERTICAL AHU w/ DX COOLING COIL
M200	NO SCALE

NOTE:
1. ALL FLEXIBLE DUCT CONNECTIONS TO SHEET METAL SHALL BE SECURED WITH NYLON STRAP AND 2 SHEET METAL SCREWS (MINIMUM).

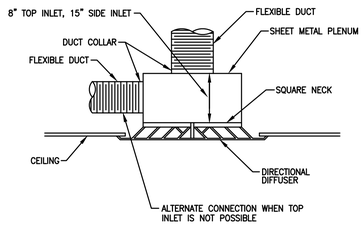


4	FLEXIBLE CONNECTION DETAIL
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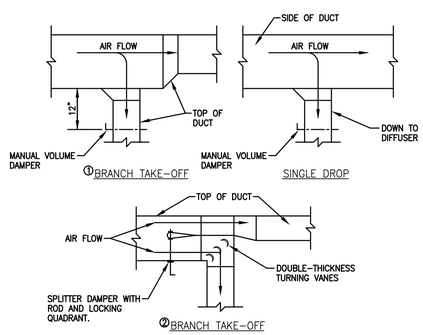
5	SPIN TAP TO SQUARE NECK DIFFUSER
M200	NO SCALE

NOTES:
1. PROVIDE AN AUXILIARY PANEL WHEN USED IN A T–BAR LAY–IN CEILING.

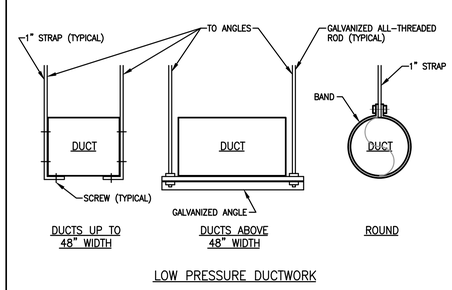


6	DIRECTIONAL DIFFUSER
M200	NO SCALE

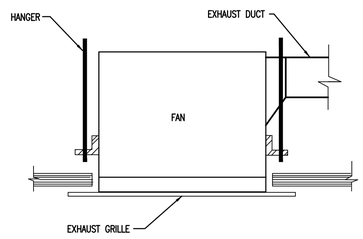
NOTES:
1. USE BRANCH TAKE–OFF ① WHEN MAIN AND BRANCH DUCTS ARE DIFFERENT DEPTHS.
2. USE BRANCH TAKE–OFF ② WHEN MAIN AND BRANCH DUCTS ARE SAME DEPTHS.



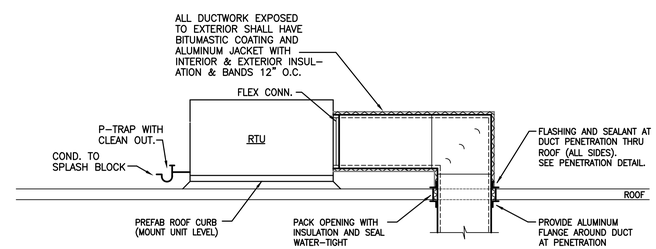
8	DUCTWORK DETAILS
M200	NO SCALE



9	DUCTWORK HANGER DETAILS
M200	NO SCALE



10	EXHAUST FAN DETAIL
M200	NO SCALE



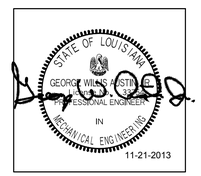
11	ROOF TOP MOUNTED UNIT – HORIZONTAL DISCHARGE
M200	NO SCALE

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC Details

Phase
FOR CONSTRUCTION

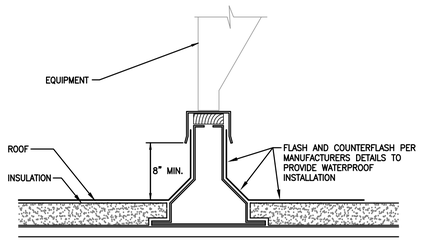
Project No.	12-111
Prepared by	CDC
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Date	September 16, 2013

Sheet No. M200

Released for

Hampton Inn and Suites

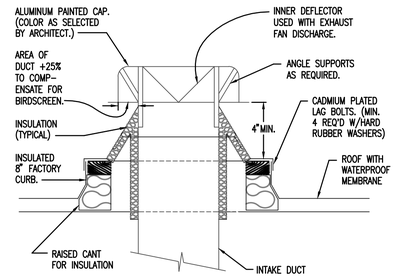
NOTES:
1. PROVIDE PIPE SUPPORTS AT 10'-0" ON CENTER.
2. PROVIDE ADDITIONAL SUPPORTS AT EQUIPMENT TO PREVENT THE WEIGHT OF PIPING BEING PLACED ON THE EQUIPMENT.



PIPE CURB AS MFG. BY THYCURB CO., PATE CO., OR EQUAL.

MC SHALL PROVIDE CURB TYPE COMPATIBLE WITH ROOF STRUCTURE TYPE.

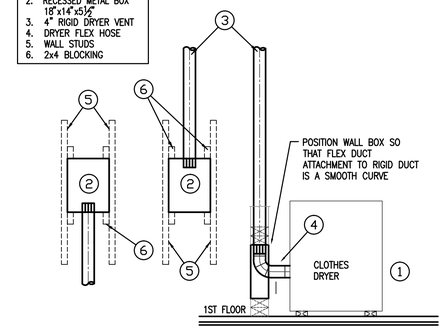
1	EQUIPMENT SUPPORT DETAIL
M201	NO SCALE



NOTES:
1. PROVIDE EQUIPMENT CURB TO MATCH ROOF SLOPE.
2. THIS DETAIL IS TYPICAL FOR ALL EXH. & O.A. INTAKE DUCTS

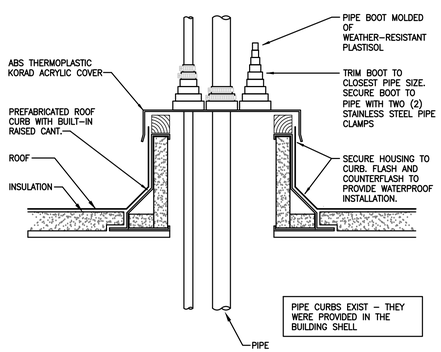
2	ROOF MOUNT FRESH AIR INTAKE
M201	NO SCALE

1. CLOTHES DRYER
2. RECESSED METAL BOX 18"x14"x5½"
3. 4" RIGID DRYER VENT
4. DRYER FLEX HOSE
5. WALL STUDS
6. 2x4 BLOCKING



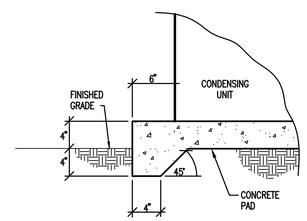
THIS DETAIL IS FOR THE DRYERS IN THE GUEST LANDRY

3	RECESSED METAL BOX/DRYER EXHAUST
M201	NO SCALE

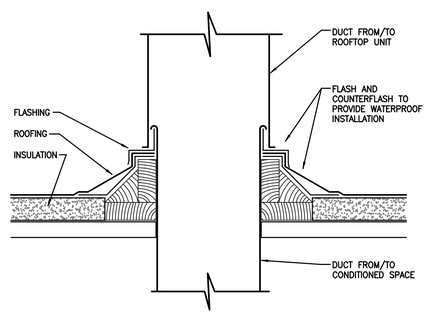


PIPE CURBS EXIST – THEY WERE PROVIDED IN THE BUILDING SHELL

4	PIPE PORT DETAIL
M201	NO SCALE



5	OUTDOOR UNIT PAD DETAIL
M201	NO SCALE



MC SHALL PROVIDE FLASHING TYPE COMPATIBLE WITH ROOF STRUCTURE TYPE

6	DUCT PENETRATION THRU ROOF DETAIL
M201	NO SCALE

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STATE OF LOUISIANA
GEORGE WILLIS ASHTON, JR.
REGISTERED PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC Details

Phase
FOR CONSTRUCTION

Project No.	12-111
Prepared by	CDC
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Date	September 16, 2013

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Sheet No. M201

Hampton Inn and Suites

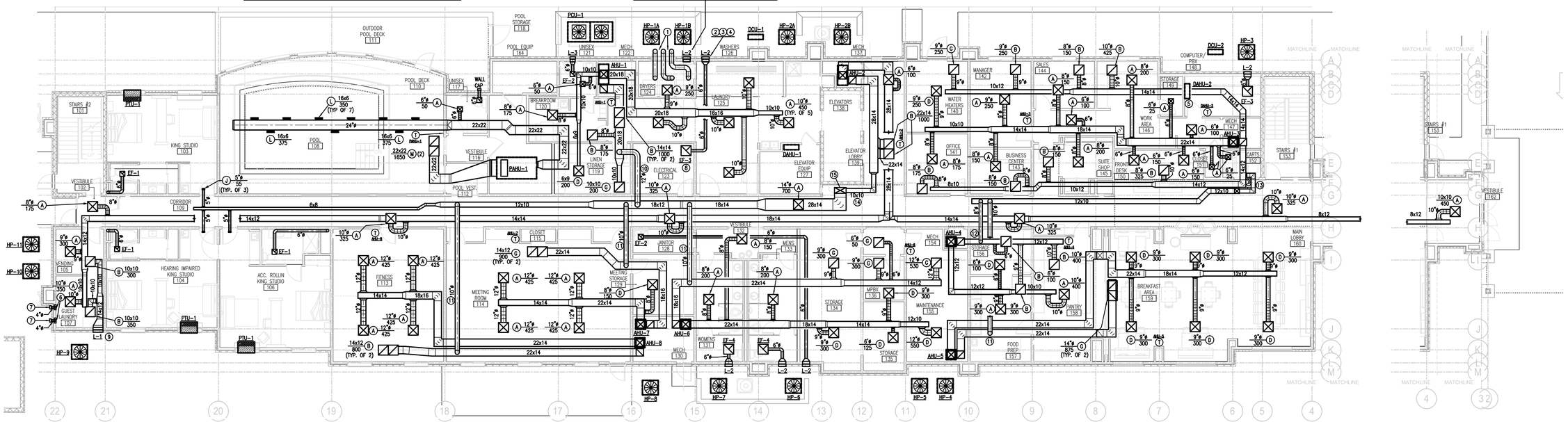
POOL HVAC NOTES:
ALL DUCTS, DIFFUSERS, HANGERS, ETC FOR THE POOL HVAC SYSTEM SHALL BE ALUMINUM.

LINED DUCT IS PROHIBITED. PROVIDE EXTERNAL DUCT INSULATION FOR DUCT LOCATED OUTSIDE OF THE POOL AREA, SUCH AS DUCT ABOVE CEILINGS.

DIRECT AIR FLOWS FROM SUPPLY AIR GRILLES TO WASH THE GLASS SURFACES OF THE POOL ENCLOSURE, AND TO AVOID STRUCTURE AT THE CEILING.

PROVIDE FILER MEDIA THAT IS RESISTANT TO MOISTURE DEGRADATION.

WALL OPENINGS FOR THE TWO HOTEL DRYERS
DRYER GAS INPUT = 600,000 BTUH TOTAL FOR TWO DRYERS
REQUIRED OPENING IS 1 SQ. IN. PER 4000 BTUH
600,000 / 4,000 = 150 SQ. IN.
150 SQ. IN. / 144 = 1.04 SQ. FT.
EACH DRYER REQUIRES 1.00 SQ. FT. FOR MAKEUP AIR
REQUIRED AREA FOR EACH EACH INTAKE IS 2.04 SQ. FT.
FREE AREA OF L-2 LOUVER IS 2.51 SQ. FT.



DUCT INSULATION
INTERNAL INSULATION OF SUPPLY, RETURN, AND OUTSIDE AIR DUCTS SHALL BE CLOSED-CELL ELASTOMERIC TYPE. FIBERGLASS DUCT LINER IS NOT ALLOWED.

1 M300 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"

KEYED NOTES

KEY	NOTE
1	ROUTE DRYER EXHAUST, FULL SIZE, OVER TO EXTERIOR WALL AND TURN DOWN WITH A 90° ELBOW. OPENING OF THE ELBOW SHOULD BE 18" MINIMUM ABOVE THE GROUND. (TYPICAL FOR THREE DRYERS)
2	PROVIDE TWO LOUVERED OPENINGS, ONE JUST ABOVE THE OTHER IN THE EXTERIOR WALL. COORDINATE COLOR WITH ARCHITECT.
3	THE UPPER LOUVER SHALL BE POSITIONED SO THAT THE TOP OF THE OPENING IS WITHIN 12" OF THE CEILING WHERE THE DRYERS ARE LOCATED.
4	EXTEND A FULL SIZED DUCT FROM THE LOWER LOUVER INTO THE DRYER ROOM. TURN DOWN WITH A 24x14 DUCT AND ROUTE THE 24x14 DUCT TO 12" ABOVE FINISHED FLOOR FOR COMBUSTION AIR AND EXHAUST AIR MAKEUP.
5	MOUNT DUCTLESS AIR HANDLING UNIT FOR PBX ROOM HIGH ON THE WALL (12" BELOW THE CEILING). ROUTE CONDENSATE TO SPILL INTO A FLOOR DRAIN IN THE MECHANICAL ROOM.
6	RECESSED METAL BOX FOR DRYER EXHAUST CONNECTION. SEE DETAIL THIS SHEET.
7	ROUTE 4" CLOTHES DRYER EXHAUST TO EXTERIOR WALL AND TERMINATE WITH LOUVER STYLE DRYER VENT. SEAL OPENING IN WALL AIR-TIGHT & WEATHER-TIGHT. COLOR OF LOUVER VENT BY ARCHITECT. (TYPICAL OF TWO)
8	COORDINATE EXACT LOCATION OF THE EXHAUST FAN FOR THE ELECTRICAL ROOM WITH THE ELECTRICAL CONTRACTOR TO VOID ROUTING DUCTWORK OVER ELECTRICAL PANELS.
9	RELIEF AIR FROM 105--VENDING AND 107--LAUNDRY -- THIS AIR IS NOT RETURNED TO THE AIR HANDLING UNIT.
10	12"ø FRESH AIR DUCT WITH BALANCING DAMPER TO SERVE AIR HANDLING UNIT.
11	10"ø FRESH AIR DUCT WITH BALANCING DAMPER TO SERVE AIR HANDLING UNIT.
12	8"ø FRESH AIR DUCT WITH BALANCING DAMPER TO SERVE AIR HANDLING UNIT.
13	10"x8" FRESH AIR DUCT WITH BALANCING DAMPER TO SERVE AIR HANDLER.
14	10"x10" FRESH AIR DUCT WITH BALANCING DAMPER TO SERVE AIR HANDLER.
15	28x14 FRESH AIR DUCT WITH BALANCING DAMPER DOWN FROM ABOVE.

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STATE OF LOUISIANA
GEORGE WILLIS SHULTZ III
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC
First Floor Plan

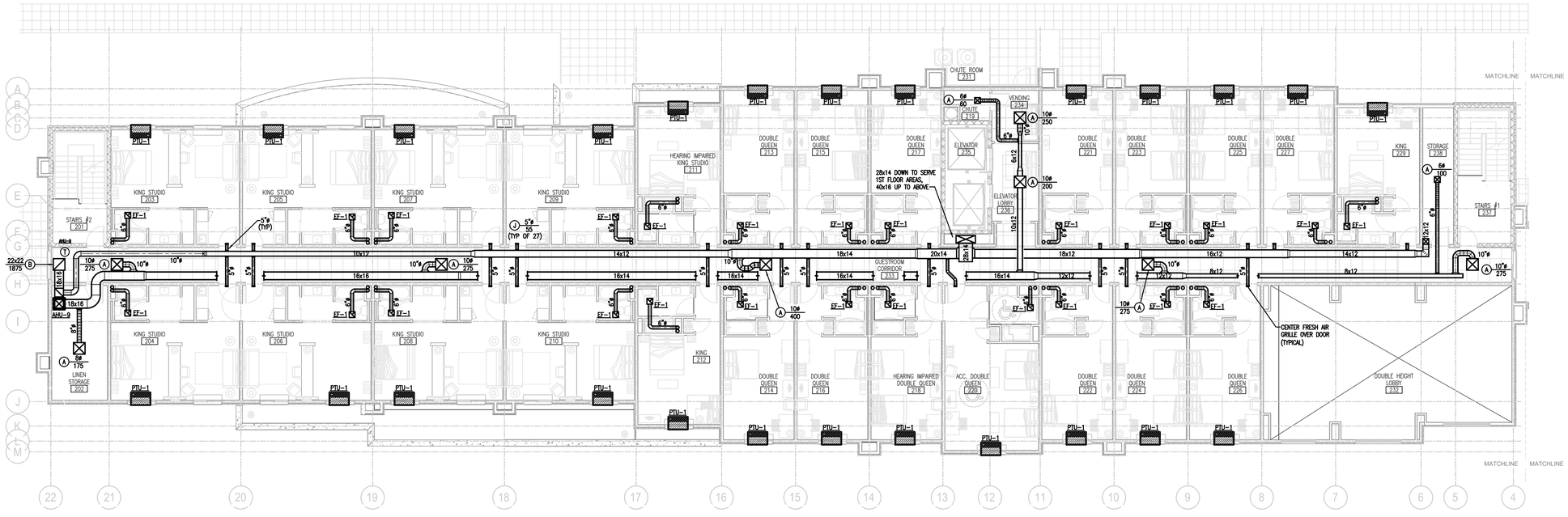
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Prepared by	CDC
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Date	September 16, 2013

Sheet No.
M300

Released for

Hampton Inn and Suites



1 M301 SECOND FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"

SET EXHAUST FANS IN GUEST ROOM BATHROOMS TO RUN AT 25 CFM CONTINUOUSLY

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11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC
Second Floor Plan

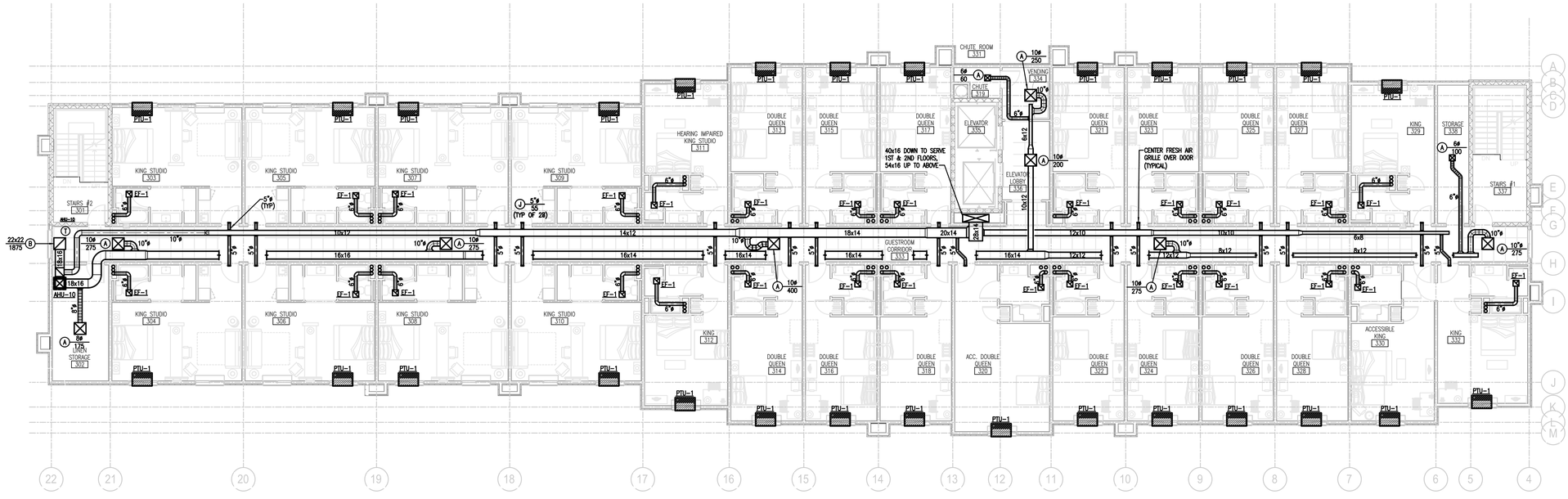
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Project No.	12-111
Prepared by	CDC
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Date	September 16, 2013

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Sheet No.
M301

Hampton Inn and Suites



1 M302 THIRD FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"

SET EXHAUST FANS IN GUEST ROOM BATHROOMS TO RUN AT 25 CFM CONTINUOUSLY

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11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC
Third Floor Plan

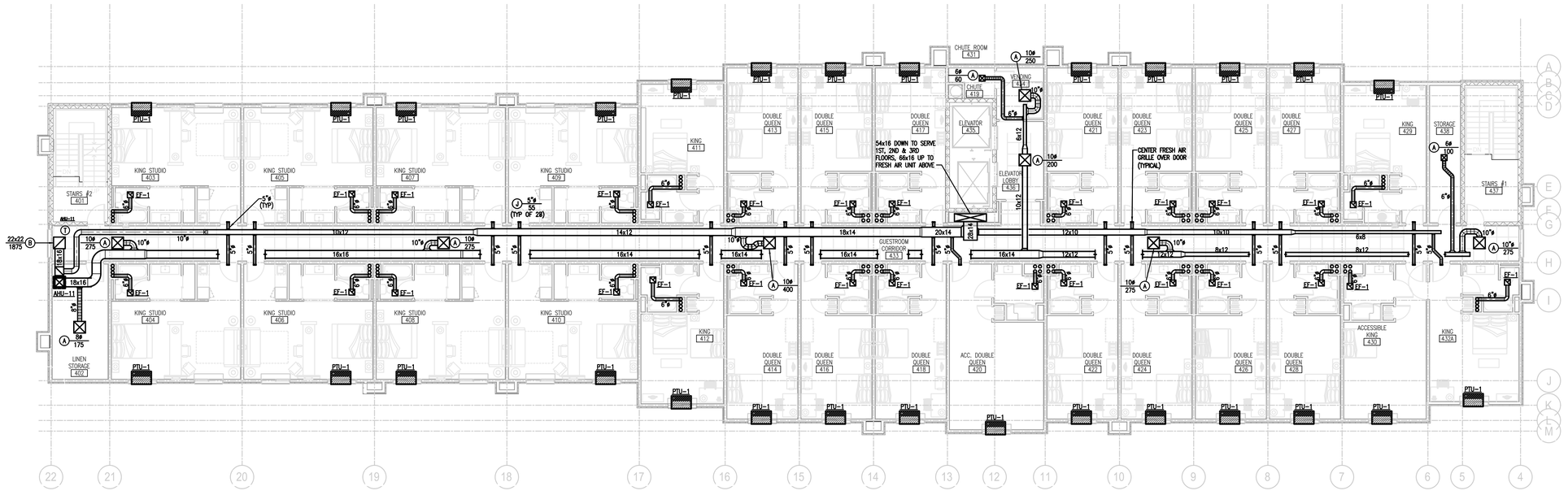
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1 M303 FOURTH FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"

SET EXHAUST FANS IN GUEST ROOM BATHROOMS TO RUN AT 25 CFM CONTINUOUSLY

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STATE OF LOUISIANA
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IN
MECHANICAL ENGINEERING
11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC
Fourth Floor Plan

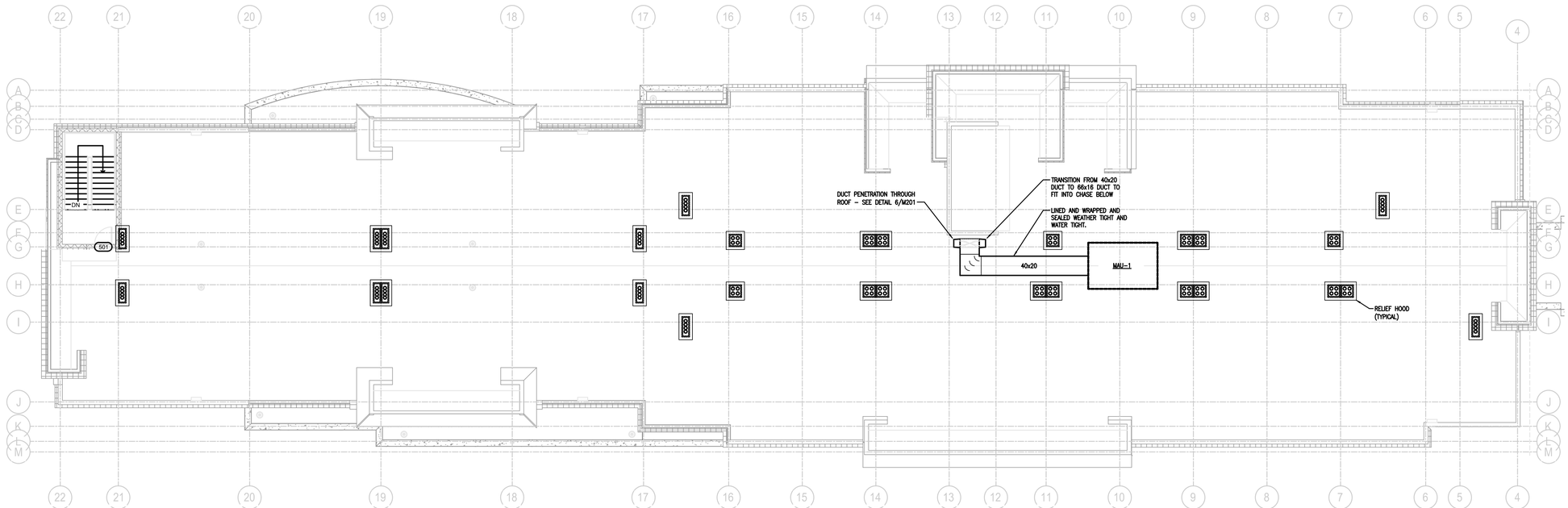
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Date	September 16, 2013

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1 M304 ROOF PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"

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STATE OF LOUISIANA
GEORGE WILLIS AUSTIN, III
LICENSED PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
11-21-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC
Roof Plan

Phase
FOR CONSTRUCTION

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Date	September 16, 2013
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Sheet No.
M304

Hampton Inn and Suites

PLUMBING MATERIALS AND NOTES

DOMESTIC WATER PIPING:

1. DOMESTIC WATER PIPING AND JOINTS BELOW GRADE: PROVIDE TYPE 'K' SOFT ANNEALED SEAMLESS COPPER TUBING (ASTM B 88) WITH NO JOINTS FOR PIPING 2½" AND SMALLER. PROVIDE DUCTILE IRON PIPE AND FITTINGS (AWWA C151, AWWA C110) WITH RUBBER GASKET JOINTS AND RODS (AWWA C111) PIPING 3" AND LARGER.
2. DOMESTIC WATER PIPING AND JOINTS ABOVE GRADE: PROVIDE TYPE 'L' HARD DRAWN SEAMLESS COPPER TUBING (ASTM B 88) AND CAST COPPER ALLOY FITTINGS (ASME B16.18). JOINTS 1" AND SMALLER SHALL BE LEAD FREE 95-5 TIN/SILVER SOLDER JOINTS (ASTM B 32), JOINTS 1¼" AND LARGER SHALL BE BCUP SILVER/PHOSPHORUS/COPPER BRAZED JOINTS (AWS A5.8) OR PROVIDE COPPER PIPE AND FITTINGS AS SPECIFIED ABOVE EXCEPT WITH GROOVED ENDS (ASTM B 88, ASME B16.18) AND JOINTS UTILIZING GROOVED MECHANICAL COUPLINGS MEETING (ASTM F1476).
3. STERILIZE THE DOMESTIC WATER SYSTEM IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION'S SPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS.
4. INSULATE DOMESTIC WATER PIPING ABOVE GRADE (EXCEPT EXPOSED CONNECTIONS TO PLUMBING FIXTURES) WITH GLASS FIBER INSULATION HAVING A VAPOR BARRIER AND JACKET. PIPE INSULATION SHALL HAVE A CONDUCTIVITY NOT EXCEEDING 0.27 BTUH x SQ. FT. FOLLOW SCHEDULE BELOW:

SERVICE TYPE	PIPE SIZES	INSULATION THICKNESS
DOMESTIC HOT WATER & CIRCULATION	½" - 1¼"	1"
DOMESTIC HOT WATER & CIRCULATION	1½" - 4"	1½"
DOMESTIC COLD WATER	½" - 1¼"	½"
DOMESTIC COLD WATER	1½" - 4"	1"

5. DOMESTIC WATER PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS AND ADHESIVES ARE REQUIRED TO MEET A FLAME-SPREAD RATING OF 25 OR LESS AND A SMOKE-DEVELOPED RATING OF 50 OR LESS, AS TESTED BY ASTM E84 (NFPA 255) METHOD AND SHALL BE PLENUM RATED.
6. PROVIDE FULL PORT, BALL TYPE SHUT-OFF VALVES AND INSTALL IN A LOCATION THAT PERMITS ACCESS FOR SERVICE WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS.
7. PROTECT COPPER PIPING AGAINST CONTACT WITH DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS AND CLIPS SHALL BE COPPER OR COPPER PLATED. WHERE COPPER PIPING IS CARRIED ON TRAPEZE HANGERS WITH OTHER PIPING, PROVIDE A PERMANENT ELECTROLYTIC ISOLATION MATERIAL TO PREVENT CONTACT WITH DISSIMILAR OTHER METALS.
8. PROTECT COPPER PIPING AGAINST CONTACT WITH ALL MASONRY. WHERE COPPER IS SLEEVED THROUGH MASONRY, PROVIDE COPPER OR RED BRASS SLEEVES. WHERE COPPER MUST BE CONCEALED IN OR AGAINST MASONRY PARTITIONS, PROVIDE A HEAVY COATING OF ASPHALTIC ENAMEL ON THE COPPER PIPING AND 15# ASPHALT SATURATED FELT BETWEEN THE PIPING AND THE MASONRY PARTITION.
9. DOMESTIC WATER PIPING SHALL BE SLOPED FOR DRAINAGE WITH DRAIN VALVES INSTALLED AT LOW POINTS.
10. BALANCE THE DOMESTIC HOT WATER CIRCULATION SYSTEM TO THE PERFORMANCE SPECIFICATIONS INDICATED ON THE PLANS AND PROVIDE THE ENGINEER WITH THREE COPIES OF A COMPLETE TEST AND BALANCE REPORT. THE REPORT IS TO BE ISSUED A MINIMUM OF TWO WEEKS PRIOR TO PROJECT COMPLETION. THE TEST AND BALANCE REPORT WILL BE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER. ANY ADDITIONAL TESTING, ADJUSTING AND BALANCING REQUIRED (AT ENGINEER'S REQUEST) AFTER REVIEW OF THE INITIAL REPORT SHALL BE PROVIDED AT NO ADDITIONAL COST. TEST AND BALANCE REPORT TO BE COMPLETED BY AN INDEPENDENT, CERTIFIED TEST AND BALANCE CONTRACTOR.

SANITARY WASTE / VENT AND STORM PIPING:

1. SANITARY WASTE AND STORM DRAIN PIPING BELOW GRADE: PROVIDE SERVICE WEIGHT CAST IRON HUB AND SPIGOT PIPE (ASTM A 74) WITH COMPRESSION JOINTS (CISPI HSN) AND NEOPRENE GASKETS (ASTM C 564) OR NO-HUB PIPE AND FITTINGS (CISPI 301) WITH NEOPRENE GASKET/STAINLESS STEEL CLAMP JOINTS (CISPI 310) OR PROVIDE SCHEDULE 40 PVC PIPE AND SOCKET FITTINGS (ASTM D 2665) WITH SOLVENT WELD JOINTS (ASTM D2855). FOAM CORE PVC PIPE IS NOT APPROVED. PROVIDE CAST IRON PIPING SPECIFIED ABOVE FOR ALL KITCHEN AND MECHANICAL ROOM WASTE PIPING, PVC IS NOT ACCEPTABLE IN THESE AREAS.
2. SANITARY WASTE/VENT AND STORM DRAIN PIPING ABOVE GRADE: PROVIDE SERVICE WEIGHT CAST IRON NO-HUB PIPE AND FITTINGS (CISPI 301) WITH NEOPRENE GASKET AND STAINLESS STEEL CLAMP JOINTS (CISPI 310) OR PROVIDE SCHEDULE 40 PVC PIPE AND SOCKET FITTINGS (ASTM D 2665) WITH SOLVENT WELD JOINTS (ASTM D2855). FOAM CORE PIPE IS NOT APPROVED. DO NOT INSTALL PVC PIPING IN RETURN AIR PLENUMS.
3. SLOPE SANITARY WASTE AND STORM DRAIN PIPING AT ¼" PER FOOT MINIMUM FOR PIPING 2½" AND SMALLER AND ⅛" PER FOOT MINIMUM FOR PIPING 3" AND LARGER UNLESS NOTED OTHERWISE. SLOPE ALL KITCHEN WASTE PIPING AT ¼" PER FOOT MINIMUM.
4. PROVIDE CLEAN-OUTS AT THE BASE OF SANITARY WASTE STACKS AND STORM DRAIN RISERS AND AT EVERY TURN IN PIPING IN EXCESS OF 45° AND NO FURTHER THAN 100'-0" APART IN A LOCATION THAT PERMITS ACCESS FOR SERVICE WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS.
5. PROVIDE FLOOR CLEANOUTS WITH TOPS DESIGNED TO MATCH SPECIFIC FLOOR FINISHES SUCH AS CARPET, TILE, ETC. YARD CLEANOUTS SHALL BE PROVIDED IN AN 18"x18"x6" CONCRETE PAD.
6. WHERE WASTE PIPING IS EXPOSED IN REST ROOM AREAS, PROVIDE CHROME PLATED BRASS PIPING, REMOVABLE P-TRAPS, MATCHING STOPS AND ESCUTCHEONS FOR ALL LAVATORIES.
7. INSULATE MECHANICAL ROOM FLOOR DRAIN BODIES, P'TRAP AND HORIZONTAL DRAIN PIPING ABOVE GRADE WITH 1" THICK GLASS FIBER INSULATION WITH VAPOR BARRIER AND JACKET.
8. INSULATE ROOF DRAIN BODIES AND HORIZONTAL PRIMARY AND SECONDARY STORM DRAIN PIPING ABOVE GRADE WITH 1" THICK GLASS FIBER INSULATION WITH VAPOR BARRIER AND JACKET.
9. PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS AND ADHESIVES ARE REQUIRED TO MEET A FLAME-SPREAD RATING OF 25 OR LESS AND A SMOKE-DEVELOPED RATING OF 50 OR LESS, AS TESTED BY ASTM E84 (NFPA 255) METHOD.
10. SUMP PUMP DISCHARGE PIPING: PROVIDE SCHEDULE 40 GALVANIZED STEEL PIPE (ASTM A53) AND GALVANIZED 150 POUND MALLEABLE IRON FITTINGS (ASME B16.3) WITH THREADED JOINTS. SLOPE SUMP DISCHARGE LINE AT 1% SLOPE TOWARDS SUMP PUMP.

NATURAL GAS PIPING:

1. NATURAL GAS PIPING AND FITTINGS ABOVE GRADE: SCHEDULE 40 BLACK STEEL PIPING, TYPE S, SEAMLESS, GRADE B (ASTM A 53) AND 150 PSI MALLEABLE BLACK IRON FITTINGS, GRADE 32510, (ASTM B 16.3) OR FORGED STEEL WELDING TYPE FITTINGS (ASTM A234). PROVIDE THREADED JOINTS FOR PIPE 2" AND SMALLER. PROVIDE WELDED JOINTS (ASME B31.9) FOR PIPE 2½" AND LARGER.
2. NATURAL GAS PIPING AND FITTINGS OUTSIDE BELOW GRADE: SCHEDULE 40 BLACK STEEL, TYPE S, SEAMLESS, GRADE B (ASTM A 53) AND FORGED STEEL WELDING TYPE FITTINGS (ASTM A234) WITH (AWWA C105) POLYETHYLENE JACKET OR DOUBLE LAYER, HALF LAPPED 10 MIL POLYETHYLENE TAPE. PROVIDE WELDED JOINTS (ASME B31.9) FOR ALL UNDERGROUND PIPE.
3. GAS PIPING SHALL BE INSTALLED TO THE REQUIREMENTS OF THE STATE BUILDING CODE AND NFPA STANDARD NO. 54. SPACE GAS PIPING HANGER RODS 8'-0" ON CENTER MAXIMUM AND SPACE TRANSVERSE BRACING 20'-0" ON CENTER MAXIMUM. TRANSVERSE BRACING FOR ONE SECTION MAY ACT AS LONGITUDINAL BRACING FOR THE PIPE SECTION CONNECTED TO IT IF THE BRACING IS INSTALLED WITHIN 24" OF THE ELBOW OR TEE. PIPING SHALL BE SUPPORTED BY ROD HANGERS IN THE PIPE RUN 12" OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE PER THE STATE BUILDING CODE AND ASCE 7. COORDINATE HANGER LOCATIONS WITH STRUCTURAL DRAWING DETAILS.
4. PROVIDE A.G.A. CERTIFIED SHUT-OFF VALVES MINIMUM, 125 PSI RATED, NON- LUBRICATED PLUG TYPE WITH BRONZE BODY AND BRONZE PLUG, STRAINERS AND REGULATORS (AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER) FOR ALL EQUIPMENT CONNECTED TO THE NATURAL GAS SYSTEM.
5. PAINT ALL GAS PIPING WITH 2 COATS OF YELLOW ENAMEL PAINT APPLIED WITH A BRUSH (2 MIL THICKNESS MINIMUM). STENCIL "GAS" ON PIPE AT 12'-0" CENTERS FOR ALL LOW PRESSURE PIPING (0.5 PSI). STENCIL "2-PSI GAS" ON PIPE AT 6'-0" CENTERS FOR 2 PSI GAS PIPING.

PLUMBING GENERAL NOTES

GENERAL REQUIREMENTS:

1. PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LOUISIANA STATE PLUMBING CODE INCLUDING TITLE 51 AND WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION. ⚠2
2. GENERAL AND SPECIAL CONDITIONS ARE HEREBY MADE AN INTEGRAL PART OF THE PLUMBING SPECIFICATIONS INSOFAR AS THE GENERAL AND SPECIAL CONDITIONS ARE APPLICABLE TO THE PLUMBING WORK, UNLESS OTHERWISE SPECIFIED.
3. SCOPE: PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL PLUMBING SYSTEMS IN ACCORDANCE WITH ALL APPLICABLE CODES.
4. PERMITS: APPLY AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION. ACREAGE CHARGES, FACILITIES CHARGES AND BOND PROPERTY ASSESSMENTS ARE NOT TO BE CONSTRUED TO BE A PART OF THIS CONTRACT.
5. WARRANTY: PROVIDE A ONE YEAR WARRANTY, FROM THE DATE OF ACCEPTANCE OF WORK BY THE OWNER, FOR ALL PLUMBING MATERIALS AND EQUIPMENT.
6. COORDINATE ALL PLUMBING PIPING LOCATIONS, ROUGH-IN LOCATIONS AND EQUIPMENT LOCATIONS WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES. FINAL PIPING AND EQUIPMENT LOCATIONS SHALL BE A CODE COMPLIANT INSTALLATION FOR ALL TRADES.
7. FIELD VERIFY PROPER OPERATION OF EXISTING SYSTEMS BEFORE STARTING CONSTRUCTION. NOTIFY THE ARCHITECT / ENGINEER OF RECORD OF ANY PROBLEMS OR DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS AND/OR ANY POTENTIAL PROBLEMS OBSERVED BEFORE CONTINUING WORK IN THE EFFECTED AREAS.
8. CUT WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF PLUMBING WORK. ALL CUTTING SHALL BE HELD TO A MINIMUM. PATCH AND FINISH SURFACES TO MATCH ADJOINING SURFACES.
9. PLUMBING PLANS SHALL NOT BE SCALED. REFERENCE THE ARCHITECTURAL PLANS FOR ALL LOCATIONS OF PLUMBING FIXTURES, WALLS, DOORS, WINDOWS, ETC.
10. PLUMBING PIPING SHALL BE LOCATED CONCEALED IN WALLS, PARTITIONS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. PLUMBING PIPING IN EXPOSED AREAS SHALL BE RUN TIGHT TO UNDERSIDE OF STRUCTURE.
11. PLUMBING PIPING, VENTS, ETC. EXTENDING THROUGH EXTERIOR WALLS AND/OR THE ROOF SHALL BE FLASHED AND COUNTER FLASHED IN A WATERPROOF MANNER. COORDINATE FLASHING WITH THE GENERAL CONTRACTOR.
12. DO NOT INSTALL PLUMBING PIPING IN AREAS SUBJECT TO FREEZING TEMPERATURES. INSTALL PLUMBING PIPING SHOWN IN EXTERIOR WALLS ON THE CONDITIONED SIDE OF THE WALL INSULATION.
13. PROVIDE NON-CONDUCTING DIELECTRIC UNIONS WHENEVER CONNECTING DISSIMILAR METALS.
14. ATTACH HANGERS TO STRUCTURE, HANGERS SHALL NOT ATTACH TO THE DECK.
15. PROVIDE ACCESS DOORS FOR VALVES, WATER HAMMER ARRESTORS, TRAP PRIMERS, ETC. CONCEALED IN MASONRY WALLS, GYPBOARD WALLS AND/OR CEILINGS THAT WILL REQUIRE MAINTENANCE ACCESS.
16. PLUMBING SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO: PLUMBING FIXTURES AND EQUIPMENT, FIRE STOPPING, SEISMIC BRACING, PIPE IDENTIFICATION, DOMESTIC WATER SYSTEM, SANITARY WASTE AND VENT SYSTEM, STORM DRAIN SYSTEM, NATURAL GAS SYSTEM

PLUMBING FIXTURES AND EQUIPMENT:

1. PROVIDE COMPLETE PLUMBING FIXTURES AND EQUIPMENT. INCLUDE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAIL PIECES, ESCUTCHEONS, ETC.
2. PLUMBING FIXTURES AND EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
3. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SUBSTITUTIONS TO SPECIFIED PLUMBING FIXTURES AND EQUIPMENT INCLUDING BUT NOT LIMITED TO; PROVIDING MAINTENANCE ACCESS CLEARANCE, PIPING, ELECTRICAL, REPLACEMENT OF OTHER SYSTEM COMPONENTS, BUILDING ALTERATIONS, ETC. AND ANY MODIFICATIONS TO ASSOCIATED MECHANICAL, ELECTRICAL OR PLUMBING SYSTEMS REQUIRED BY THE EQUIPMENTS INSTALLATION INSTRUCTIONS. ALL COSTS ASSOCIATED WITH SUBSTITUTIONS SHALL BE INCLUDED IN THE ORIGINAL BASE BID.

FIRE STOPPING:

1. FIRE STOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS AND PARTITIONS. PROVIDE A DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-814 AND INSTALL IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE A DEVICE(S) OR SYSTEM(S) WITH AN 'F' RATING EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED. REFER TO ARCHITECTURAL PLANS FOR WALL AND FLOOR TYPES.

SEISMIC BRACING:

1. PROPERLY SUPPORT AND BRACE VERTICALLY AND HORIZONTALLY ALL PIPING, APPARATUS, EQUIPMENT, ETC. IN ACCORDANCE WITH APPLICABLE CODES TO PREVENT EXCESSIVE MOVEMENT DURING SEISMIC CONDITIONS.

PIPE IDENTIFICATION:

1. PIPE IDENTIFICATION SHALL MATCH THE FACILITY'S EXISTING STANDARD. IF NO STANDARD EXISTS, THEN THE PIPE IDENTIFICATION SHALL BE IN ACCORDANCE WITH ANSI A13.1.
2. PROVIDE PIPING LABELS FOR ALL PLUMBING PIPING. PIPING LABELS SHALL BE ACRYLIC FACED, WRAP-AROUND TYPE. EACH LABEL SHALL INDICATE THE PIPING CONTENTS, DIRECTION OF FLOW AND SHALL BEAR THE MANUFACTURER'S STANDARD COLOR FOR THE SERVICE INDICATED.

PLUMBING LEGEND

EXISTING PIPING	NEW PIPING	ABBR.	DESCRIPTION
(E) -		CW	COLD WATER PIPING
(E) -		HW	HOT WATER PIPING
(E) -		HWR	HOT WATER RETURN PIPING
(E) -		W	SANITARY WASTE PIPING
(E) -		V	SANITARY VENT PIPING
SD(E) -	SD	SD	STORM DRAIN PIPING - BEL. GRADE
SD(E) -	SD	SD	STORM DRAIN PIPING - ABV. CEILING
ESD(E) -	ESD	ESD	EMERGENCY STORM DRAIN PIPING
G(E) -	G	G	NATURAL GAS PIPING
GW(E)	GW	GW	GREASE LADEN WASTE PIPING
D(E) -	D	D	DRAIN
		-	EXISTING PIPING TO BE REMOVED
		-	ELBOW DOWN
		-	ELBOW UP
		-	PIPE CONTINUES
		-	PIPE CAP
		-	BALL VALVE
		CV	CHECK VALVE
		BV	BALANCING VALVE / CIRCUIT SETTER
		-	GAS COCK
		PRV	PRESSURE REDUCING/REGULATING VALVE
		-	SOLENOID VALVE
		RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
		-	IN-LINE PUMP
		-	DIRECTION OF FLOW
		-	PIPE REDUCER
		FCO	FLOOR CLEAN OUT
		WCO	WALL CLEAN OUT
		CO	END OF LINE CLEAN OUT
		YCO	YARD CLEAN OUT
		FD	FLOOR DRAIN
		FS	FLOOR SINK
		RD	ROOF DRAIN
		HB	HOSE BIBB/WALL HYDRANT
	SA=#	SA	SHOCK ARRESTOR - SUFFIX INDICATES PDI SIZE
		-	THERMOMETER
		-	PRESSURE GAUGE
		TP	TRAP PRIMER
		CTE	CONNECT TO EXISTING
			POINT OF DEMOLITION

ADDITIONAL ABBREVIATIONS

ABV	ABOVE	KW	KILOWATT
AFF	ABOVE FINISHED FLOOR	LAV	LAVATORY
BAS	BUILDING AUTOMATION SYSTEM	MBH	1,000 BTUH
BEL	BELOW	MH	MOUNTING HEIGHT
BF	BARRIER FREE	PH	PHASE
BFF	BELOW FINISHED FLOOR	PSI	POUNDS PER SQUARE INCH
BTUH	BRITISH THERMAL UNIT / HOUR	SF	SQUARE FEET
CFH	CUBIC FEET PER HOUR	T&P	TEMPERATURE AND PRESSURE
CLG	CEILING	TW	TEMPERED WATER
CONT	CONTINUATION	TYP	TYPICAL
DFU	DRAINAGE FIXTURE UNIT (WASTE)	UR	URINAL
DN	DOWN	VB	VACUUM BREAKER
FFE	FINISHED FLOOR ELEVATION	VLV	VALVE
FIN	FINISH	VTR	VENT THRU ROOF
FL	FLOOR	WC	WATER COLUMN
FR	FROM		
FU	FIXTURE UNITS	EC	ELECTRICAL CONTRACTOR
GPM	GALLONS PER MINUTE	FSEC	FOOD SERVICE EQUIP. CONTRACTOR
HP	HORSE POWER	GC	GENERAL CONTRACTOR
INV	INVERT ELEVATION	MC	MECHANICAL CONTRACTOR
IW	INDIRECT WASTE	PC	PLUMBING CONTRACTOR

FLOW TEST INFORMATION

FLOW TEST DATE: 4-22-2013
TEST CONDUCTED BY: ANTONIO DENNIS AND JERRY BELTON
LOCATION: AT OR AROUND SAM'S CLUB, 5400 FRONTAGE RD

WATER MAIN SIZES: 8" & 12"
STATIC PRESSURE: 60 PSIG
RESIDUAL PRESSURE: 45 PSIG
PITOT: 30
GPM: 920

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REVISIONS

No.	Date	Description
1	11/21/13	Permit Comments
2	11/25/13	Franchise Comments

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PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
11-25-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Schedule and Notes - Plumbing

Phase
FOR CONSTRUCTION

Project No. 12-111
Prepared by JCF
Checked by WGA
Date September 16, 2013

Sheet No.
P001

Released for

Hampton Inn and Suites

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

SYM.	DESCRIPTION	CONNECTIONS (IN.) W	V	CW	HW	SPECIFICATION	REMARKS
CO	PLUG CLEANOUT (END OF LINE) CAST IRON BODY	NOTED	–	–	–	CLEANOUT: SMITH 4470T	
FCO	FLOOR CLEANOUT, ADJUSTABLE CAST IRON BODY NO-HUB CONNECTION GAS/WATER TIGHT ABS PLUG SCORIATED TOP	NOTED	–	–	–	CLEANOUT: SMITH 4031L FINISH: POLISHED NICKEL BRONZE	
WCO	WALL CLEANOUT CAST IRON BODY, GAS/WATER TIGHT ABS PLUG STAINLESS STEEL COVER	NOTED	–	–	–	CLEANOUT: SMITH 4422	
YCO	YARD CLEANOUT, ADJUSTABLE CAST IRON BODY NO-HUB CONNECTION GAS/WATER TIGHT ABS PLUG SCORIATED TOP	NOTED	–	–	–	CLEANOUT HOUSING: SMITH 4250 CLEANOUT FERRULE: SMITH	SET IN 18"L x 18"W x 6"D CONCRETE PAD.
FD1	FLOOR DRAIN CAST IRON BODY NO-HUB CONNECTION 6" DIA. TOP	NOTED	–	–	–	DRAIN: SMITH 2005 STRAINER: SMITH TYPE –A FINISH: POLISHED NICKEL BRONZE	SEE FLOOR PLANS FOR FLOOR DRAIN SIZES
FD2	FLOOR DRAIN CAST IRON BODY NO-HUB CONNECTION 7" DIA. TOP	NOTED	–	–	–	DRAIN: SMITH 2005 STRAINER: SMITH TYPE –F37 FINISH: POLISHED NICKEL BRONZE	SEE FLOOR PLANS FOR FLOOR DRAIN SIZES
FD3	FLOOR DRAIN CAST IRON BODY NO-HUB BOTTOM DOME STRAINER	NOTED	–	–	–	DRAIN: SMITH 2005 STRAINER: SMITH TYPE –G FINISH: POLISHED NICKEL BRONZE	SEE FLOOR PLANS FOR FLOOR DRAIN SIZES
FS1	FLOOR SINK STAINLESS STEEL BODY NO-HUB CONNECTION 12" x 12", 6" DEEP BOTTOM DOME STRAINER	NOTED	–	–	–	DRAIN: SMITH 3002–Y STRAINER: STAINLESS STEEL ½ GRATE FINISH: POLISHED STAINLESS STEEL	SEE FLOOR PLANS FOR FLOOR DRAIN SIZES
MXV1	MIXING VALVE, HIGH–LOW TYPE STAINLESS STEEL OR BRONZE CONSTRUCTION.	–	–	1"	1"	EQUIPMENT: LAWLER 66–25 1¼" OUTLET 2 GPM MIN. FLOW, 17 GPM MAX. @ 20 PSI PRESSURE DROP.	INSTALL PER AND PIPE HW CIRC. PIPING PER MFG. RECOMMENDATIONS
MXV2	MIXING VALVE	–	–	½"	½"	EQUIPMENT: LEONARD MODEL TA–SB	
HB1	HOSE BIBB	–	–	½"	–	FIXTURE: JR SMITH 5672 FINISH: POLISHED CHROME	
HB2	HOSE BIBB FREEZE PROOF	–	–	¾"	–	FIXTURE: JR SMITH 5517 FINISH: CHROME	
HB3	HOSE BIBB, ROOF TOP FREEZE PROOF	–	–	¾"	–	FIXTURE: MAPPA MPH–24FP FINISH: STAINLESS STEEL	
HB4	HOSE BIBB, POST HYDRANT FREEZE PROOF	–	–	¾"	–	FIXTURE: JR SMITH 5904 FINISH: GALVANIZED CASING	2
UCB	UTILITY CONNECTION BOX (WASHING MACHINE)	2"	1½"	½"	½"	FIXTURE: OUY GRAY–B–150 FINISH: EPOXY	
ICB	UTILITY CONNECTION BOX (PLASTIC) (REFRIGERATOR ICEMAKER) WITH 1/4 TURN VALVE AND MOUNTED WATER HAMMER ARRESTOR W/ DRAIN CONNECTION	–	–	½"	–	FIXTURE: SOUIX CHEIF 6962403XF WASTE CONN.: SOUIX CHIEF "OX BOX" 696–3 CW SUPPLY FIRE RATED: 696–R1010AF	
TP1	AUTOMATIC TRAP PRIMER	–	–	½"	–	EQUIPMENT: PPP DU–U	
SP1	OIL MINDER ELEVATOR SUMP PUMP AND CONTROL SYSTEM WITH REMOTE AUDIBLE AND VISUAL ALARM.	1½"	–	–	–	EQUIPMENT: STANCOR SE50 ELECTRICAL: 1/2 H.P. 120V/1ø INTEGRAL OIL SENSING SYSTEM	PROVIDE BACKWATER CHECK VALVE AND SHUT VALVE ON DISCHARGE LINE.
GI1	GREASE INTERCEPTOR RECESSED IN FLOOR	3"	2"	–	–	FIXTURE: ZURN Z–1172–900 CAPACITY: 150 LBS. (GREASE) FLOW: 75 GPM	EXTENSION AS REQUIRED.
LI1	LINT INTERCEPTOR RECESSED IN FLOOR	4"	2"	–	–	FIXTURE: ZURN Z–1185–10 FLOW: 100 GPM	EXTENSION AS REQUIRED.

PUMP SCHEDULE

SYM.	DESCRIPTION	TYPE	GPM	HEAD(FT)	ELECTRICAL DATA HP	V	PH	Hz	SELECTION BASED ON MANUFACTURER & MODEL	REMARKS
CP1	HOT WATER CIRC. PUMP	IN–LINE	20	18	3/4	120	1	60	B&G NBF–36	1,2
CP2	HOT WATER CIRC. PUMP	IN–LINE	10	8	1/6	120	1	60	B&G NBF–22	1,2
DBP1	DOMESTIC BOOSTER PUMP	–	100	100	3	480	3	60	HYFAB MVP–630	3,4

REMARKS:
1. PROVIDE AQUASTAT AND TIMER CONTROL.
2. PROVIDE CONNECTION POINT FOR BAS
3. PROVIDE CONNECTION POINTS FOR BAS SYSTEM FOR LOW SUCTION
4. PROVIDE FLEXIBLE TRANSISTION FITTINGS

CIRCUIT SETTER SCHEDULE

SYM.	DESCRIPTION	SIZE	FLOW (GPM)	SELECTION BASED ON MANUFACTURER	MODEL	REMARKS
CS1	CIRCUIT SETTER	¾"	1	VICTAULIC	TA	–

FLOWS INDICATED ABOVE ARE ESTIMATED. THE PC SHALL OBTAIN THE SERVICES OF A TEST AND BALANCE CONTRACTOR TO BALANCE THE DOMESTIC HOT WATER CIRCULATION SYSTEM TO THE PERFORMANCE SPECIFICATIONS INDICATED ON THE PLANS AND PROVIDE THE ENGINEER WITH THREE COPIES OF A COMPLETE TEST AND BALANCE REPORT. THE REPORT IS TO BE ISSUED A MINIMUM OF TWO WEEKS PRIOR TO PROJECT COMPLETION. THE TEST AND BALANCE REPORT WILL BE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER. ANY ADDITIONAL TESTING, ADJUSTING AND BALANCING REQUIRED (AT ENGINEER'S REQUEST) AFTER REVIEW OF THE INITIAL REPORT SHALL BE PROVIDED AT NO ADDITIONAL COST. TEST AND BALANCE REPORT TO BE COMPLETED BY AN INDEPENDENT, CERTIFIED TEST AND BALANCE CONTRACTOR.

GAS FIRED WATER HEATER SCHEDULE

SYM.	DESCRIPTION	STORAGE (GALLONS)	GAS BURNER DATA INLET PRESS. (IN. W.C.)	BTU/HR INPUT	GPH RECOVERY @ 100°F RISE	FLUE SIZE	SELECTION BASED ON MANUFACTURER	MODEL	REMARKS
WH1	GAS FIRED WATER HEATER	100	8	199,000	223	4"	A.O. SMITH	BTH–199	1,2

REMARKS:
1. EQUIVALENT MANUFACTURERS: LOCHINVAR, BRADFORD WHITE. STATE IS NOT AN APPROVED MANUFACTURER.
2. RACK MOUNTED, DIRECT AIR INTAKE AND EXHAUST KIT.
3. PROVIDE AMTROL ST–12 EXPANSION TANK OR EQUAL

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

SYM.	DESCRIPTION	CONNECTIONS (IN.) W	V	CW	HW	SPECIFICATION	REMARKS
P1	TOILET HET (HIGH EFFICIENCY TOILET, TANK TYPE, 2–PIECE, 1.28 GPF FLOOR MOUNTED GRAVITY FLUSH	4"	2"	½"	–	FIXTURE: AMERICAN STD. "CADET 3" 2383.012.020 SEAT: CHURCH 9500CT STOP: MCGUIRE 185–LK COLOR: WHITE MATERIAL: VITREOUS CHINA	RIM HEIGHT 15"
P1A	TOILET, ADA COMPLIANT HET (HIGH EFFICIENCY TOILET) TANK TYPE, 2–PIECE, 1.28 GPF FLOOR MOUNTED GRAVITY FLUSH	4"	2"	½"	–	FIXTURE: AMERICAN STD. "CADET 3" 2386.012.020 SEAT: CHURCH 9500CT STOP: MCGUIRE 185–LK COLOR: WHITE MATERIAL: VITREOUS CHINA	RIM HEIGHT 16½" PROVIDE LEVER ON WIDE SIDE OF STALL SEAT HEIGHT 17"–19" AFF
P1B	TOILET HET (HIGH EFFICIENCY TOILET) FLOOR MOUNTED FLUSH VALVE, 1.28 GPF SENSOR OPERATED	4"	2"	1¼"	–	FIXTURE: AMERICAN STD. "MADERA" 3451.128 SEAT: CHURCH 9500CT FLUSH VALVE: SLOAN SOLIS 8111–1.28 COLOR: WHITE MATERIAL: VITREOUS CHINA	RIM HEIGHT 15"
P1C	TOILET, ADA COMPLIANT HET (HIGH EFFICIENCY TOILET) FLOOR MOUNTED FLUSH VALVE, 1.28 GPF SENSOR OPERATED	4"	2"	1¼"	–	FIXTURE: AMERICAN STD. "MADERA" 3461.128 SEAT: CHURCH 9500CT FLUSH VALVE: SLOAN SOLIS 8111–1.28 COLOR: WHITE MATERIAL: VITREOUS CHINA	RIM HEIGHT 16½" PROVIDE LEVER ON WIDE SIDE OF STALL SEAT HEIGHT 17"–19" AFF
P2A	URINAL, ADA COMPLIANT HEU (HIGH EFFICIENCY URINAL) WALL HUNG FLUSH VALVE 0.5 GPF	2"	1½"	1"	–	FIXTURE: AMERICAN STD. "ALLBROOK" 6550.050 FLUSH VALVE: SLOAN SOLIS 8186–0.5 COLOR: WHITE MATERIAL: VITREOUS CHINA CARRIER: SMITH 0644, 0624	PROVIDE LEVER ON WIDE SIDE OF STALL BOWL RIM HEIGHT 17" AFF
P3	LAVATORY ADA COMPLIANT WALL HUNG GRID DRAIN 0.25 GPM PER CYCLE SENSOR OPERATED FAUCET	1½"	1½"	½"	½"	FIXTURE: AMERICAN STD. 0355.012 "LUCERNE" DRAIN: MCGUIRE 155A GRID STRAINER FAUCET: DELTA 596–LGHGMHDF P–TRAP: MCGUIRE 8902 1¼" x 1½" STOPS: MCGUIRE 175–LK COLOR: WHITE MATERIAL: VITREOUS CHINA	PROVIDE INSULATION KIT FOR EXPOSED TRIM: TRUEBRO "LAV–GUARD" OR APPROVED EQUAL. BOWL RIM HEIGHT 34" AFF
P3A	LAVATORY ADA COMPLIANT UNDER COUNTER MOUNTED GRID DRAIN 0.25 GPM PER CYCLE SENSOR OPERATED FAUCET CHROME PLATED TRAPS	1½"	1½"	½"	½"	FIXTURE: AMERICAN STD. 0496.221.020 DRAIN: MCGUIRE 155A GRID STRAINER FAUCET: DELTA 596–LGHGMHDF P–TRAP: MCGUIRE 8902 1¼" x 1½" STOPS: MCGUIRE 175–LK COLOR: WHITE MATERIAL: VITREOUS CHINA	PROVIDE INSULATION KIT FOR EXPOSED TRIM: TRUEBRO "LAV–GUARD" OR APPROVED EQUAL.
P3B	LAVATORY ADA COMPLIANT COUNTER MOUNTED GRID DRAIN 0.5 GPM FAUCET	1½"	1½"	½"	½"	FIXTURE: AMERICAN STD. 0476.028 "AQUALYN" DRAIN: MCGUIRE 155A GRID STRAINER FAUCET: DELTA 501–WFHGMHDF P–TRAP: MCGUIRE 8902 1¼" x 1½" STOPS: MCGUIRE 175–LK COLOR: WHITE MATERIAL: VITREOUS CHINA	PROVIDE INSULATION KIT FOR EXPOSED TRIM: TRUEBRO "LAV–GUARD" OR APPROVED EQUAL.
P4A	ELECTRIC WATER COOLER, ADA SURFACE MOUNTED, SPLIT LEVEL STEEL CABINET, ENAMEL FINISH	1½"	1½"	½"	–	FIXTURE: ELKAY EZTL8C P–TRAP: MCGUIRE 8902 1¼" x 1½", STOP: MCGUIRE 175	COORDINATE FINISH WITH ARCHITECT
P5A	STAINLESS STEEL SINK, A.D.A. BREAK ROOM SINK 20" x 22" (16" x 16" BOWL) 3 HOLE DRILLING UNDERCOUNTER MOUNTED	1½"	1½"	½"	½"	FIXTURE: ELKAY ELUH–2115–06 DRAIN: ELKAY LK–35 FAUCET: DELTA 29C2851 P–TRAP: MCGUIRE 8912 1½" x 1½" STOPS: MCGUIRE 175	2
P6A	BATHTUB, ADA PRESSURE BALANCED SHOWER VALVE W/TEMP LIMIT STOPS, WALL SHOWERHEAD.	2"	2"	½"	½"	FIXTURE: AMERICAN STD. 2590.060 WALLS: AMERICAN STD. 6030605S1.SWM SHOWER VALVE: AMERICAN STD. T385.502 SHOWER HEAD: POWERS 141–371 GRID DRAIN: CHROME PLATED NO–CAULK DRAIN P–TRAP: 2" DEEP SEAL TRAP	COORDINATE RIGHT OR LEFT HAND CONTROLS WITH ARCHITECTURAL INTERIOR ELEVATIONS PROVIDE FOLD DOWN PHENOLIC SEAT AT ADA SHOWER(S) ONLY. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
P6B	SHOWER, MULTI PIECE, SOLID SURFACE PRESSURE BALANCED SHOWER VALVE W/TEMP LIMIT STOPS. WALL SHOWERHEAD AND HAND HELD SHOWER WITH HOSE AND SLIDE BAR. CHROME GRAB BARS AND PHENOLIC WOOD FOLD DOWN SEAT	2"	2"	½"	½"	FIXTURE: AMERICAN STANDARD 3838SO.LDF WALLS: AMERICAN STD. 6030605S1.SWM SHOWER VALVE: AMERICAN STD. 1662.601 SHOWER HEAD: POWERS 141–371 GRID DRAIN: CHROME PLATED NO–CAULK DRAIN P–TRAP: 2" DEEP SEAL TRAP	COORDINATE RIGHT OR LEFT HAND CONTROLS WITH ARCHITECTURAL INTERIOR ELEVATIONS PROVIDE FOLD DOWN PHENOLIC SEAT AT ADA SHOWER(S) ONLY. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
P7A	MOP SINK MOLDED STONE 24" x 24" x 10" BUMPER GUARDS	3"	1½"	½"	½"	BASIN: FLORESTONE MSR–2424 DRAIN: FLORESTONE MR–375 FAUCET: FLORESTONE MR–371 ACCESSORIES: MR–370 HOSE & BRACKET ACCESSORIES: MR–372 MOP HANGER ACCESSORIES: MR–373 BUMPER GUARDS	
P7B	UTILITY SINK LAUNDRY/READY ROOM 23" x 22" 2 HOLE DRILLING	1½"	1½"	½"	½"	FIXTURE: FLORESTONE FM DRAIN: MCGUIRE 155 FAUCET: DELTA 2121 P–TRAP: MCGUIRE 8912 1½" x 1½" STOPS: MCGUIRE 175	
P20	EMERGENCY EYE WASH	–	–	¾"	¾"	FIXTURE: HAWS 7001 BLENDING SYSTEM: HAWS TWBS.SH CABINET: HAWS TWBS.CAB	

APPROVED MANUFACTURERS:	SPECIFIED MANUFACTURER/PRODUCT:	ACCEPTED SUBSTITUTION:
THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE MODEL WHICH MOST CLOSELY MATCHES THE SPECIFIED PRODUCT. PROVIDE ONLY PRODUCTS MADE BY THE MANUFACTURER'S LISTED.	AMERICAN STANDARD (A.S.) CHURCH (TOILET SEATS) CHICAGO (FAUCETS) ELKAY (S.S. SINKS) MCGUIRE (SUPPLY STOPS) OASIS (WATER COOLERS) SMITH (FLOOR DRAINS, CLEANOUTS)	KOHLER, SLOAN CENTOCO, BENEKE, BEMIS T&S BRASS, CAMBRIDGE JUST BRASSCRAFT, E.B.C. ELKAY, HAWS ZURN, WADE, WATTS

NOTE TO PLUMBING CONTRACTOR:
PLUMBING FIXTURE AND EQUIPMENT SCHEDULE IN THIS SET OF DOCUMENTS IS FOR REFERENCE ONLY. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR SUBMITTING FIXTURES AND EQUIPMENT PER THE PLUMBING AND EQUIPMENT FIXTURE MATRIX PROVIDED BY THE HOTEL CHAIN. PC SHALL PROVIDE MATRIX WITH SUBMITTALS FOR APPROVAL. THE PC IS SOLELY RESPONSIBLE FOR ANY AND ALL SUBSTITUTIONS TO APPROVED PRODUCT. REVIEW OF SUBSTITUTED FIXTURES, EQUIPMENT, MATERIALS, MECHANICAL ROOM LAYOUTS, ETC SHALL BE BILLED TO THE PLUMBING CONTRACTOR ON AN HOURLY BASIS. EQUIPMENT SUBSTITUTIONS SHALL BE SUBMITTED WITH ¼"SCALE DRAWINGS OF THE EQUIPMENT (INCLUDING ALL NECESSARY PIPING, VALVES, SUPPORTS, HOUSE KEEPING PADS, ETC) WITHIN THE ALLOCATED SPACE SHOWN ON THE CONTRACT DOCUMENTS.

NOTE: PROVIDE CHECK STOPS ON SUPPLIES FOR ALL GUEST ROOM LAVATORIES.

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REVISIONS No.	Date	Description
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2	11/25/13	Franchise Comments

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11-25-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Schedule - Plumbing

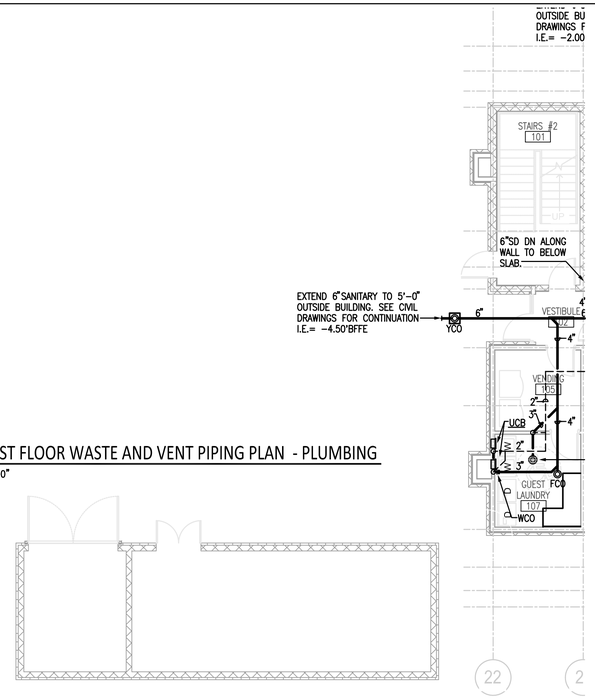
Phase
FOR CONSTRUCTION

Project No. 12-111
Prepared by JCF
Checked by WGA
Date September 16, 2013

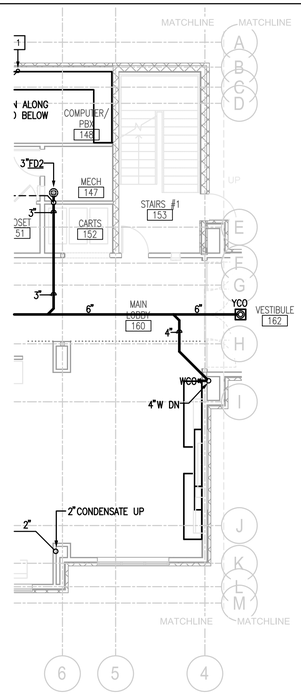
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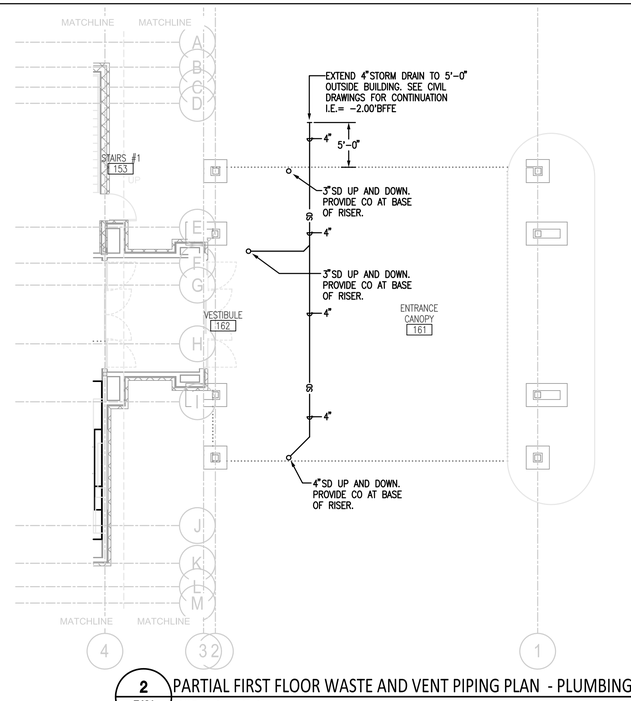
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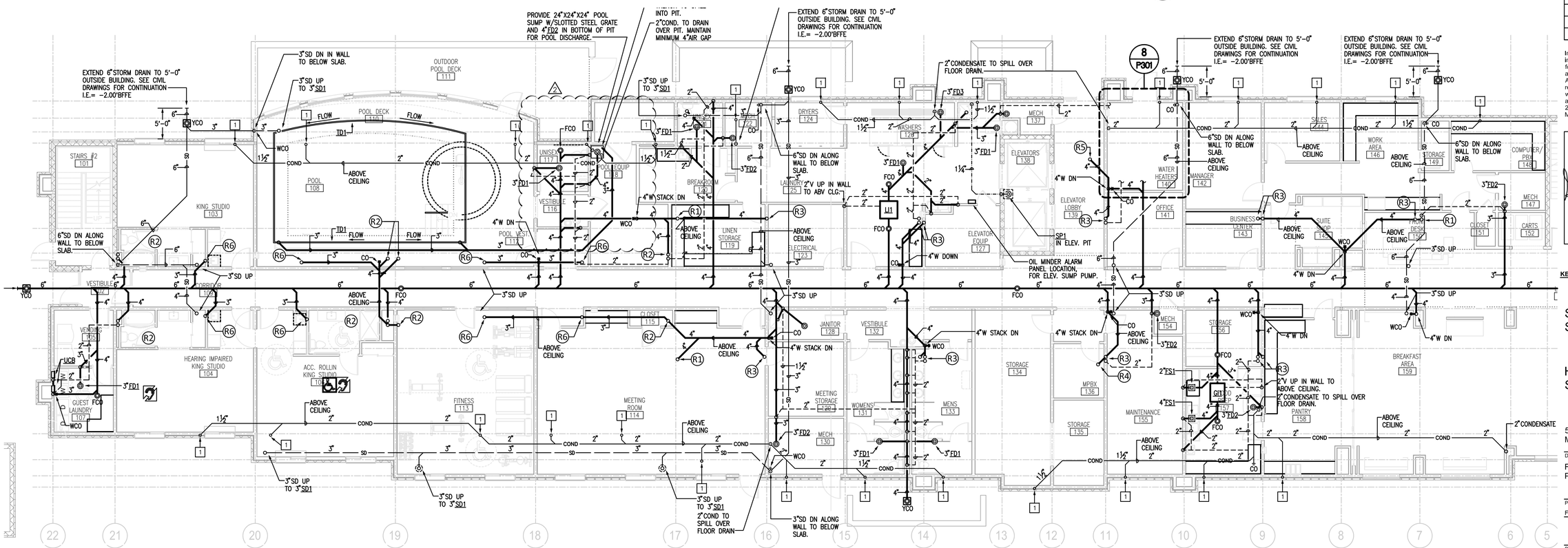


3 P101 PARTIAL FIRST FLOOR WASTE AND VENT PIPING PLAN - PLUMBING
SCALE: 1/8" = 1'-0"





2 P101 PARTIAL FIRST FLOOR WASTE AND VENT PIPING PLAN - PLUMBING
SCALE: 1/8" = 1'-0"



R# SEE WASTE AND VENT RISER SCHEMATICS ON SHEET P401

1 CONDENSATE RISER FOR IN ROOM PTAC UNITS. PROVIDE 1¼" TEE AT EACH FLOOR FOR MECHANICAL CONDENSATE DISCHARGE CONNECTION. CONDENSATE RISER 1½" UNLESS OTHERWISE NOTED.

1 P101 PARTIAL FIRST FLOOR WASTE AND VENT PIPING PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

NOTE:
PROVIDE CLEAN OUT (CO)
AT BASE OF ALL STACKS.

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
First Floor, Waste and Vent Piping Plan - Plumbing

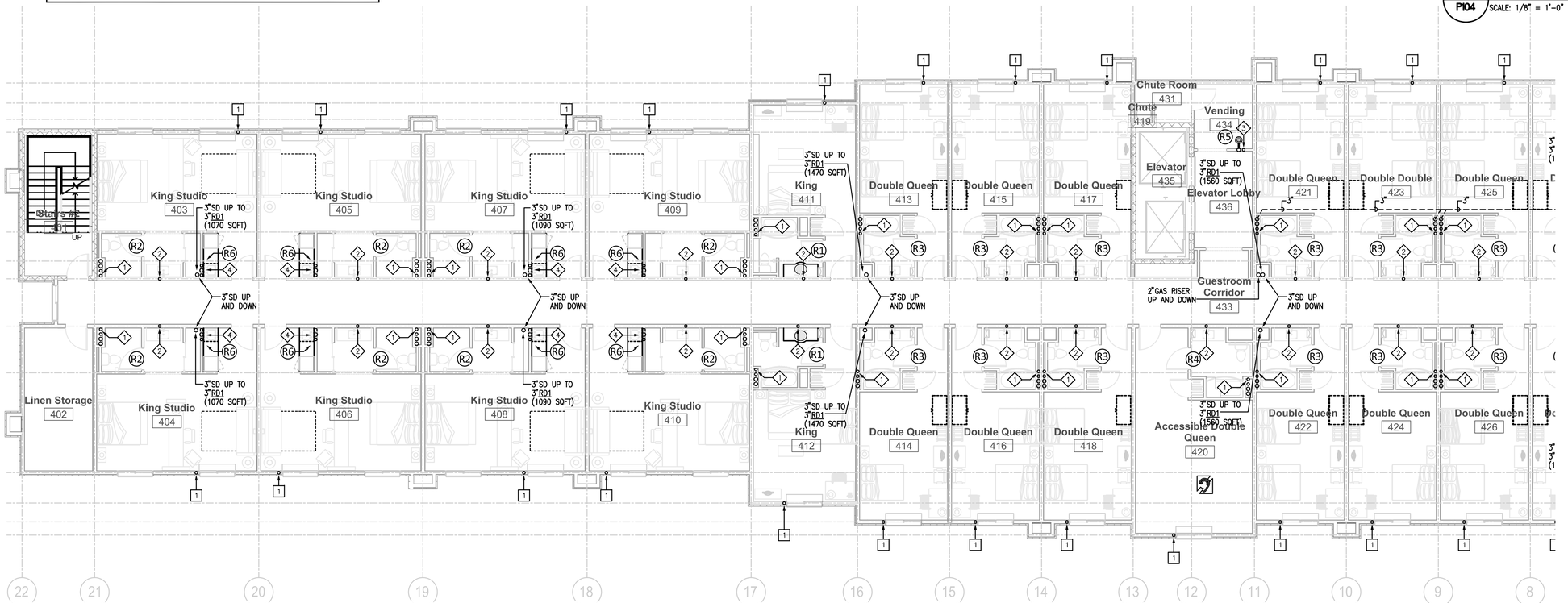
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Project No.	12-111
Prepared by	JCF
Checked by	WGA
Date	September 16, 2013

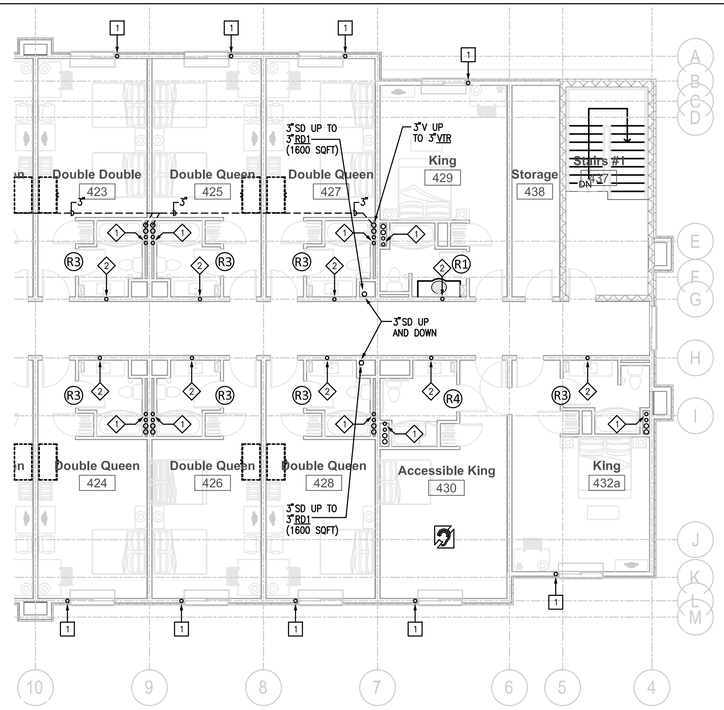
Sheet No. P101

Released for

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1 P104 PARTIAL FOURTH FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"



2 P104 PARTIAL FOURTH FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

1. CW AND HW RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
2. HWR RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
3. CW RISER FOR VENDING AREA. SEE RISER SCHEMATICS ON SHEET P401
4. CW AND HW RISER FOR IN ROOM SINKS. SEE RISER SCHEMATICS ON SHEET P401

[1] CONDENSATE RISER FOR IN ROOM PTAC UNITS. PROVIDE 1¼" TEE AT EACH FLOOR FOR MECHANICAL CONDENSATE DISCHARGE CONNECTION. CONDENSATE RISER 1½" UNLESS OTHERWISE NOTED.

(R#) SEE WASTE AND VENT RISER SCHEMATICS ON SHEET P401

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9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Fourth Floor, Waste and Vent Piping Plan - Plumbing

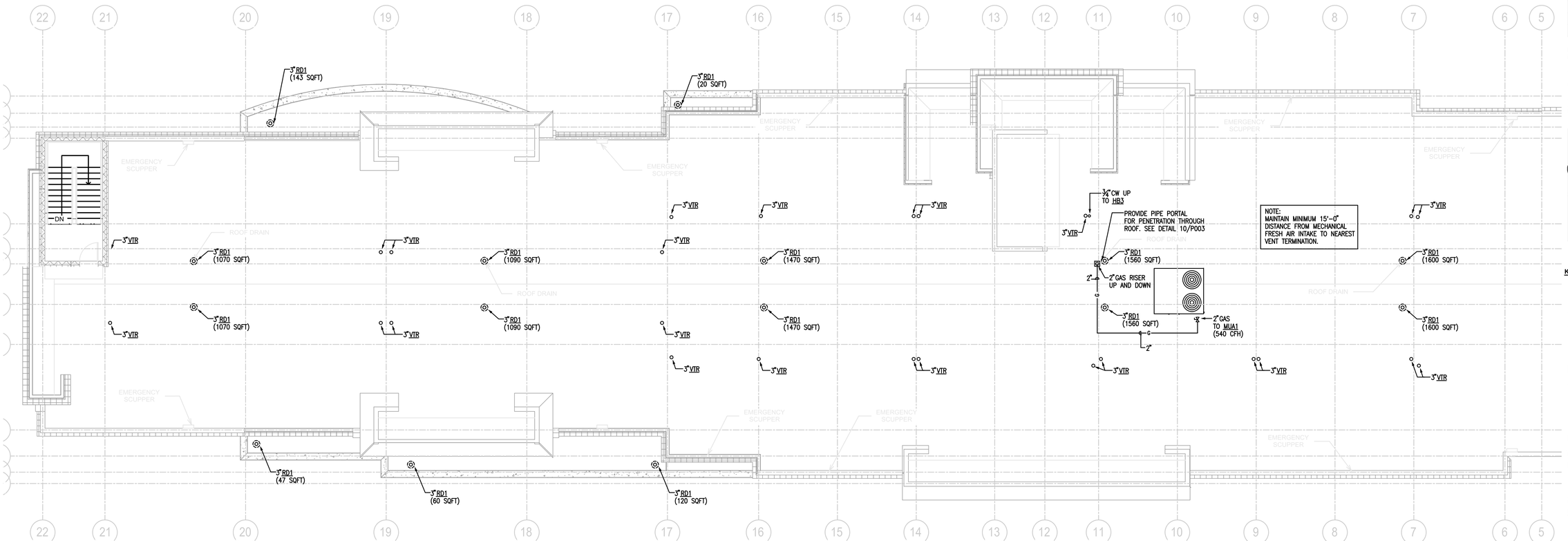
Phase
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Project No.	12-111
Prepared by	JCF
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1 P5.101 ROOF PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

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KEY PLAN

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Drawing Title
Roof Plan - Plumbing

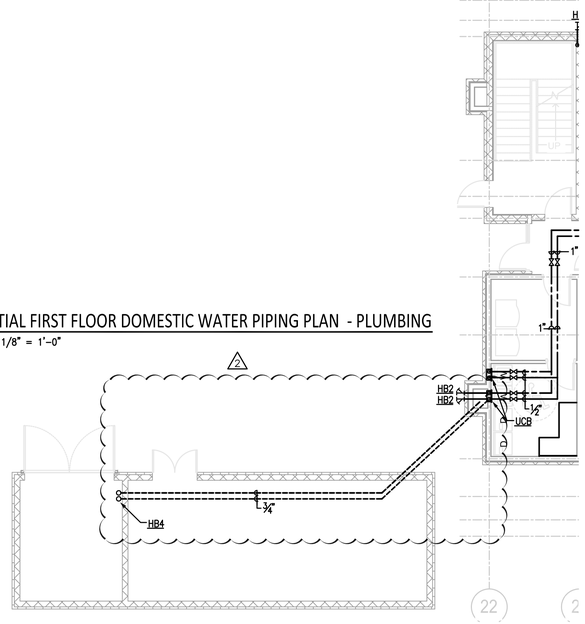
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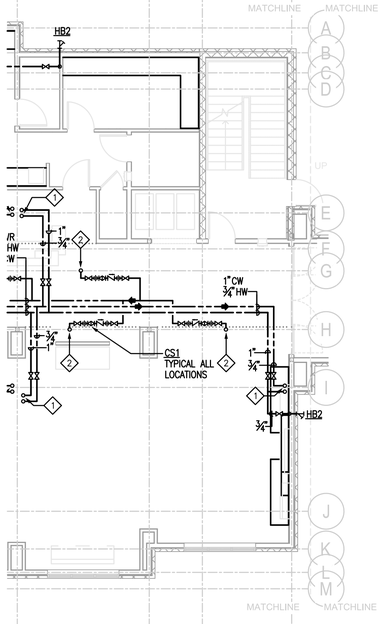
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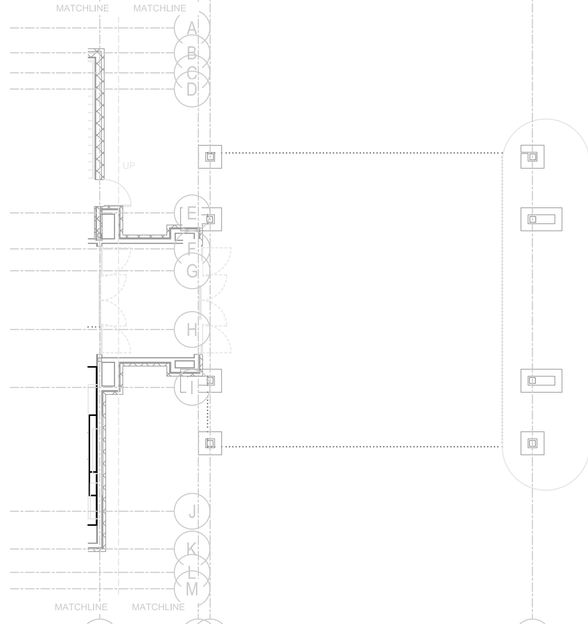
Sheet No.
P105

Hampton Inn and Suites

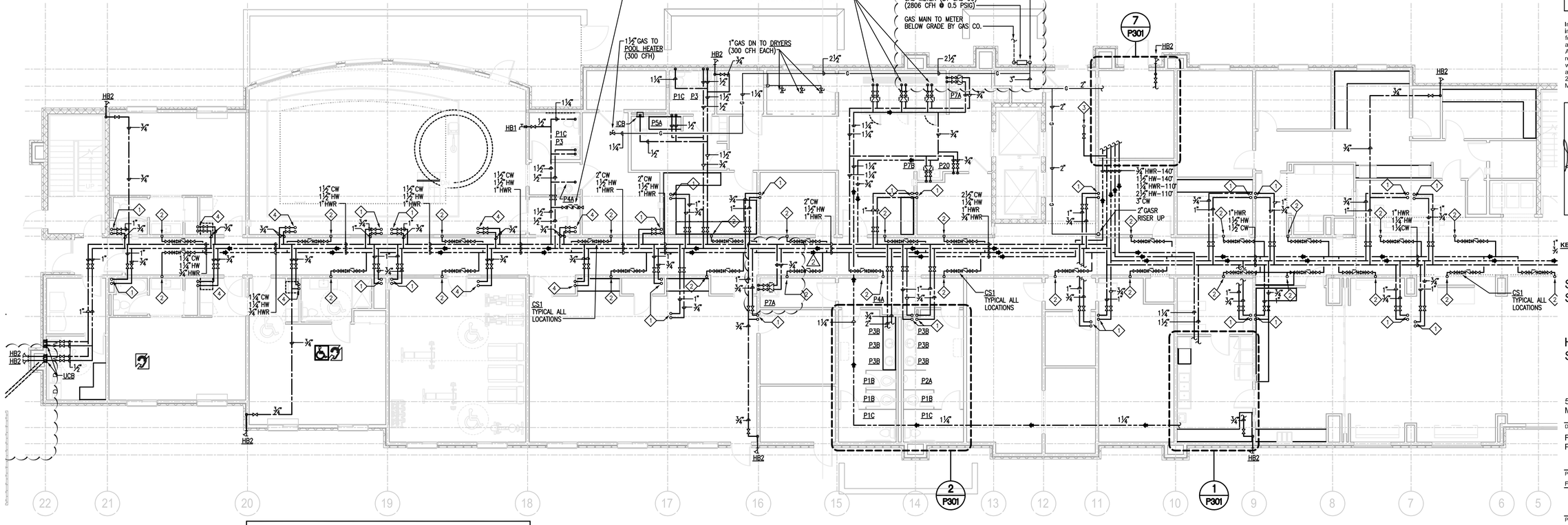


3 P201 PARTIAL FIRST FLOOR DOMESTIC WATER PIPING PLAN - PLUMBING
SCALE: 1/8" = 1'-0"





2 P201 PARTIAL FIRST FLOOR DOMESTIC WATER PIPING PLAN - PLUMBING
SCALE: 1/8" = 1'-0"



1. CW AND HW RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
2. HWR RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
3. CW RISER FOR VENDING AREA. SEE RISER SCHEMATICS ON SHEET P401
4. CW AND HW RISER FOR IN ROOM SINKS. SEE RISER SCHEMATICS ON SHEET P401

1 P101 FIRST FLOOR WATER SUPPLY PIPING PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

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11-25-2013

KEY PLAN

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Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

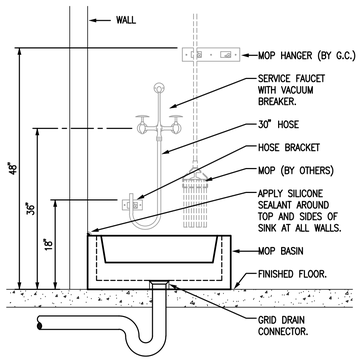
Drawing Title
First Floor, Water Supply Piping Plan - Plumbing

Phase
FOR CONSTRUCTION

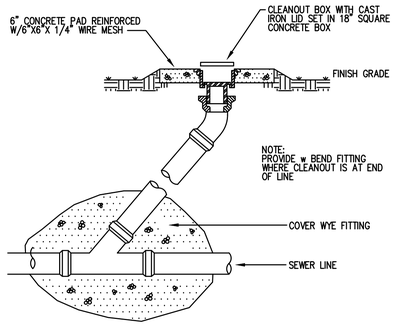
Project No.	12-111
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Checked by	WGA
Date	September 16, 2013
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P201

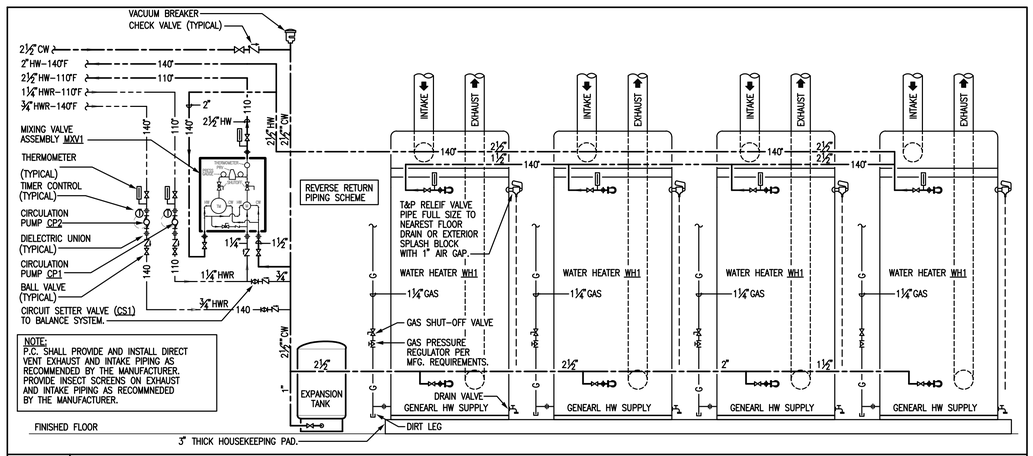
Hampton Inn and Suites



3	MOP SINK PIPING SCHEMATIC
P003	NO SCALE



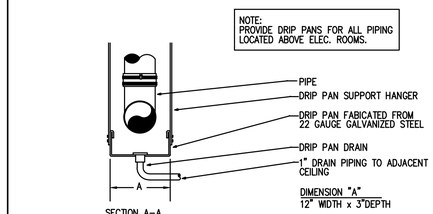
2	YARD CLEANOUT SCHEMATIC
P003	NO SCALE

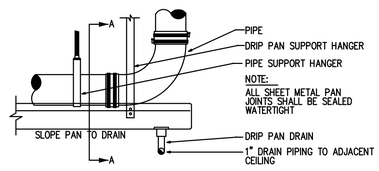


1	GAS FIRED WATER HEATING PIPING AND EQUIPMENT SCHEMATIC
P003	NO SCALE

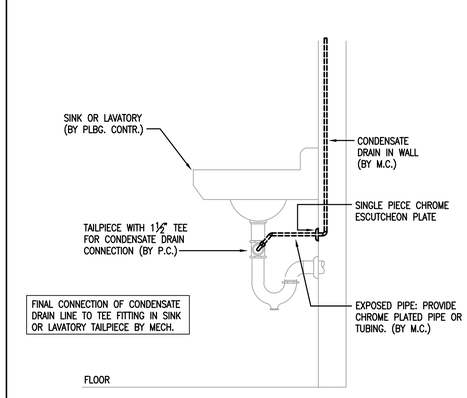
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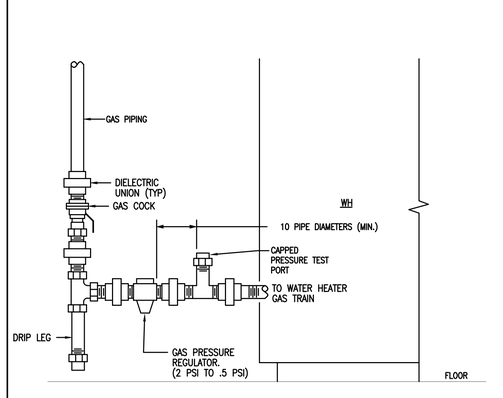




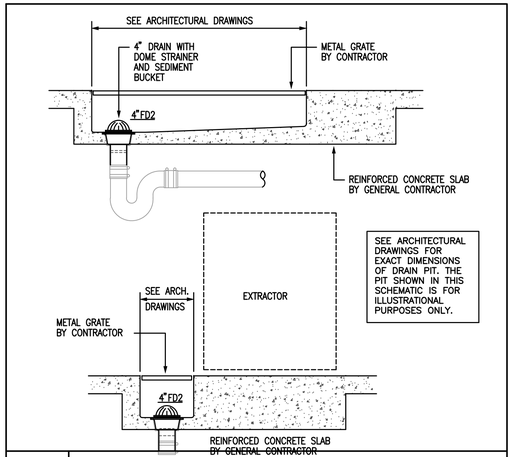
7	DRIP PAN SHEMATIC
P003	NO SCALE



6	CONDENSATE DRAIN CONNECTION
P003	NO SCALE



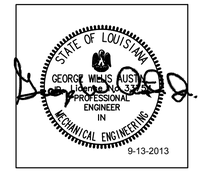
5	GAS SERVICE PRV PIPING SCHEMATIC
P003	NO SCALE

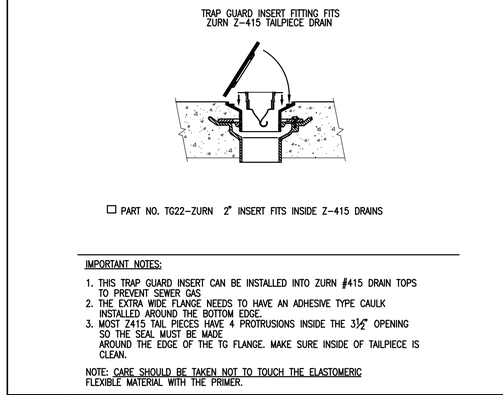


4	WASHER EXTRACTOR DRAIN SCHEMATIC
P003	NO SCALE

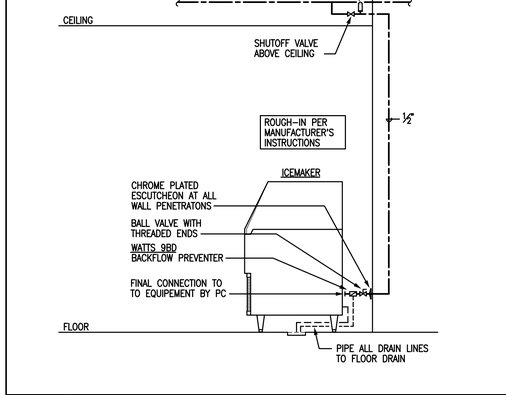
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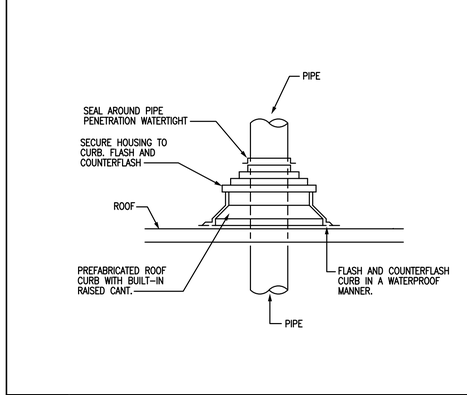




9	TRAP GUARD INSERT FOR FLOOR DRAINS
P003	NO SCALE



8	ICEMAKER PIPING SCHEMATIC
P003	NO SCALE



10	PIPE PORTAL DETAIL
P003	NO SCALE

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Details - Plumbing

Phase
FOR CONSTRUCTION

Project No.	12-111
Prepared by	JCF
Checked by	WGA
Date	September 16, 2013
Released for	

Sheet No. P003

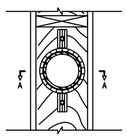
Hampton Inn and Suites

U.L. SYSTEM NO. FC2030

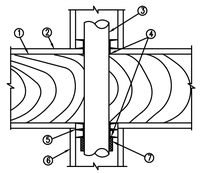
PLASTIC PIPE THROUGH 1–HR. WOOD FLOOR/FIRE RATED CHASE WALL ASSEMBLY

F RATING = 1–HR.
T RATING = 1–HR.

BOTTOM VIEW



SECTION A–A



1. U.L. CLASSIFIED L500 SERIES FIRE–RATED WOOD FLOOR ASSEMBLY.
2. LUMBER OR PLYWOOD SUBFLOOR WITH FINISH FLOOR OF LUMBER, PLYWOOD, OR FLOOR TOPPING MIXTURE.
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING (SEE NOTE NO. 2):
   A. MAXIMUM 3" DIAMETER PVC PIPE (CELLULAR AND SOLID CORE).
   B. MAXIMUM 3" DIAMETER ABS PIPE (CELLULAR AND SOLID CORE).
   C. MAXIMUM 3" DIAMETER FRPP PIPE.
   D. MAXIMUM 3" DIAMETER CPVC PIPE.
4. FILL ANNULAR SPACE BETWEEN THE PIPE AND FLOORING AND BETWEEN PIPE AND TOP PLATE TO THE MAXIMUM EXTENT POSSIBLE USING HILTI FS–ONE FIRESTOP SEALANT.
5. TOP PLATE.
6. GYPSUM WALL ASSEMBLY (1–HR. FIRE–RATED)
7. HILTI CP 642 FIRESTOP COLLAR (SEE TABLE BELOW)

PIPE DIAMETER	PRODUCT DESCRIPTION	NO. OF MOUNTING TABS	MAX. HOLE SIZE	T RATING
1½"	CP 642 50/1.5"	2	2⅛"	1–HR.
2"	CP 642 63/2"	2	2⅝"	1–HR.
3"	CP 642 90/3"	3	4"	1–HR.

NOTES: 1. ANNULAR SPACE = MINIMUM ⅛", MAXIMUM ⅜".
2. CLOSED OR VENTED PIPING SYSTEM (ABS, PVC, FRPP = SCHEDULE 40, CPVC = SDR 17).

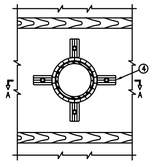
4 FIRE STOPPING DETAIL
NO SCALE

U.L. SYSTEM NO. FC2025

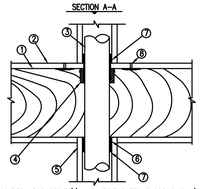
PLASTIC PIPE THROUGH 1–HR. OR 2–HR. WOOD FLOOR OR FIRE–RATED CHASE WALL ASSEMBLY

F RATING = 1–HR. AND 2–HR. (EQUAL TO RATING OF FLOOR ASEMBLY)
T RATING = 0, 1, 1½, AND 2–HR. (SEE TABLE BELOW)

BOTTOM VIEW



SECTION A–A



1. WOOD FLOOR ASEMBLY (U.L. CLASSIFIED L500 SERIES)(1–HR. FIRE–RATED FLOOR SHOWN).
2. LUMBER OR PLYWOOD SUBFLOOR WITH FINISH FLOOR OF LUMBER, PLYWOOD, OR FLOOR TOPPING MIXTURE.
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
   A. MAXIMUM 4" DIAMETER PVC PIPE (CELLULAR AND SOLID CORE).
   B. MAXIMUM 4" DIAMETER CPVC PIPE.
   C. MAXIMUM 3" DIAMETER ABS PIPE (CELLULAR AND SOLID CORE).
   D. MAXIMUM 4" DIAMETER FRPP PIPE.
4. HILTI CP 642 FIRESTOP COLLAR (SEE TABLE BELOW)
5. GYPSUM WALL ASSEMBLY (1–HR. AND 2–HR. FIRE–RATING)(1–HR. SHOWN).
6. TOP PLATE.
7. SEE NOTE NO. 1 BELOW
8. WOOD SCREWS WITH WASHERS TO FASTEN EACH MOUNTING TAB.

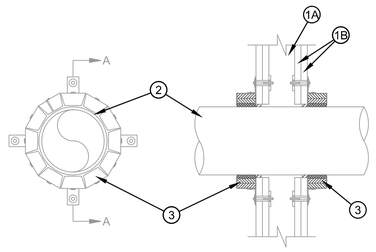
PIPE DIAMETER	PRODUCT DESCRIPTION	NO. OF MOUNTING TABS	MAX. HOLE SIZE	T–RATING (HR.)	
				1–HR. FLOOR	2–HR. FLOOR
1½"	CP 642 50/1.5"	2	2⅛"	1	2
2"	CP 642 63/2"	2	2⅝"	0	1½
3"	CP 642 90/3"	3	4"	0	1½
4"	CP 642 110/4"	4	5"	0	1½

NOTES: 1. PROVIDE ¼" DEPTH HILTI FS–ONE FIRESTOP SEALANT IN ANNULAR SPACE AROUND PIPE.
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM ½".
3. CLOSED OR VENTED PIPING SYSTEM. (ABS, PVC, AND FRPP = SCHEDULE 40, CPVC PIPE = SDR 17).

3 FIRE STOPPING DETAIL
NO SCALE

System No. W-L-2078

F Ratings— 1 and 2 Hr (See Item 1)
T Ratings— 0, 1 and 2 Hr (See Items 2 and 3)
L Rating At Ambient— 3 CFM/sq ft
L Rating At 400 F— Less Than 1 CFM/sq ft



SECTION A-A

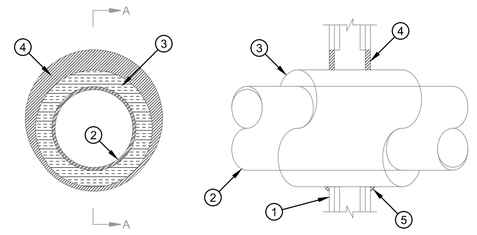
1. Wall Assembly— The fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the UL fire Resistance Directory and shall include the construction features noted below:
   A. Studs— Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced max 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.
   B. Gypsum Board* — Nom 5/8 in. thick gypsum board, as specified in the individual Wall and Partition Design. Max diam of opening is 11-1/2 in.
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. Through-Penetrants— One nonmetallic pipe, conduit or tubing to be installed within the firestop system. The annular space between pipe and periphery of opening shall be min 0 in. (point contact) to max 1/2 in. Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipes may be used:
   A. Polyvinyl Chloride (PVC) Pipe— Nom 10 in. diam (or smaller) Schedule 40 solid-core or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   B. Chlorinated Polyvinyl Chloride (CPVC) Pipe— Nom 10 in. diam (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems.
   C. Acrylonitrile Butadiene Styrene (ABS) Pipe— Nom 6 in. diam (or smaller) Schedule 40 solid-core or cellular core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems
   D. Flame Retardant Polypropylene (FRPP) Pipe— Nom 6 in. diam (or smaller) Schedule 40 FRPP pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   E. Polyvinylidene Fluoride (PVDF) Pipe— Nom 4 in. diam (or smaller) PVDF pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   When max 6 in. diam pipe is used, T Rating is equal to the hourly fire rating of the wall. When nom 8 in. or 10 in. diam pipe is used, T Rating is 0 hr.
3. Firestop Device*— Firestop Collar— Firestop collar shall be installed in accordance with the accompanying installation instructions. Collar to be installed and latched around the pipe and secured to both sides of the wall using the anchor hooks provided with the collar. (Minimum two anchor hooks for 1-1/2 and 2 in. diam pipes, three anchor hooks for 3 and 4 in. diam pipes, four anchor hooks for 6 in. diam pipes, ten anchor hooks for 8 in. diam pipes and twelve anchor hooks for 10 in. diam pipes) . The anchor hooks are to be secured to the surface of wall with 3/16 in. diam by 2-1/2 in. long steel toggle bolts along with washers. As an alternate for pipe sizes of nom 4 in. diam or less, min No. 10 by 1-1/2 in. long drywall or laminate screws with min 3/4 in. steel washers may be used. When the drywall or laminate screw is used, T Rating shall not exceed 1 hr.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC— CP 643 50/1.5"N, CP 643 63/2"N, CP 643 90/3"N, CP 643 110/4"N, CP 643 160/6"N, CP 644 200/8" andCP 644 250/10" Firestop Collars
4. Fill, Void or Cavity Material* — Sealant - (Not Shown) — Min 1/2 in. thickness of sealant applied within the annular space for nom 8 in. and 10 in. diam pipes, flush with each side of wall. Sealant in annular space is optional for max 6 in. diam pipes. A min 1/4 in. thickness of sealant is required within the annular space, flush with each side of wall, to attain the L Ratings for max 6 in. diam pipes.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC— FS-One Sealant
*Bearing the UL Classification Mark

C UL US

2 FIRE STOPPING DETAIL
NO SCALE

System No. W-L-5029

F Ratings— 1 and 2 Hr (See Item 1)
T Ratings— 1/2, 3/4, 1, 1-1/2 and 1-3/4 Hr (See Item 3)
L Rating At Ambient— 4 CFM/Sq Ft
L Rating At 400 F— Less Than 1 CFM/Sq Ft



SECTION A-A

1. Wall Assembly— The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs— Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.
   B. Gypsum Board* — 5/8 in. thick, 4 ft wide, with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diam of opening is 18-5/8 in.
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. Through Penetrants— One metallic pipe or tubing to be centered within the firestop system. Pipe or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes or tubing may be used:
   A. Steel Pipe— Nom 12 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. Iron Pipe— Nom 12 in. diam (or smaller) cast or ductile iron pipe.
   C. Copper Tubing— Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing.
   D. Copper Pipe— Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe.
3. Pipe Covering*— Nom 1, 1-1/2 or 2 in. thick hollow cylindrical heavy density (min 3.5 pcf) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or with butt tape supplied with the product.
   See Pipe and Equipment Covering— Materials (BRGU) category in the Building Material Directory for the names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
   The hourly T Rating of the firestop system is dependent on the hourly fire rating of the wall assembly in which it is installed, the size and type of through penetrant and the pipe covering thickness, as shown in the table below:

Wall Assembly Rating Hr	Through Penetrant		Pipe Covering Thkns In.	Annular Space		T Rating Hr
	Type +	Max Diam In.		Min In.	Max In.	
1	A	4	1	0	1-1/2	1/2
1	B or C	2	1 or 1-1/2	0	1-1/2	1/2
1	A	4	1-1/2	0	1-1/2	1
1	A	12	2	0	1-7/8	3/4
1	B or C	6	2	0	1-7/8	1
2	A	4	1	0	1-1/2	1
2	B or C	4	1 or 1-1/2	0	1-1/2	1
2	B or C	6	2	0	1-7/8	1
2	A	4	1-1/2	0	1-1/2	1-3/4
2	A	12	2	0	1-7/8	1-1/2
2	B or C	6	2	0	1-7/8	1

+Indicates penetrant type as itemized in Item 2.

3A. Pipe Covering* — (Not Shown) — As an alternate to Item 3, max 2 in. thick cylindrical calcium silicate (min 14 pcf) units sized to the outside diam of the pipe or tube may be used. Pipe insulation secured with stainless steel bands or min 8 AWG stainless steel wire spaced max 12 in. OC. When the alternate pipe covering is used, the T Rating shall be determined from the table above.
   See Pipe and Equipment Covering— Materials (BRGU) category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
4. Fill, Void or Cavity Material* — Sealant— Min 5/8 in. thickness of fill material applied within the annulus, flush with both surfaces of wall . At the point contact location between pipe covering and gypsum board, a min 1/2 in. diam bead of fill material shall be applied at the pipe covering/gypsum board interface on both surfaces of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC— FS-One Sealant
*Bearing the UL Classification Mark

C UL US

1 FIRE STOPPING DETAIL
NO SCALE

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SEG - 13-039

REVISIONS		
No.	Date	Description

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STATE OF LOUISIANA
GEORGE WILLIS AUSTIN
No. 34306
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING

9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

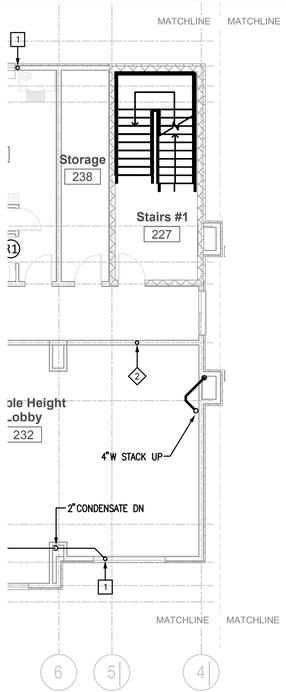
Drawing Title
Details - Plumbing

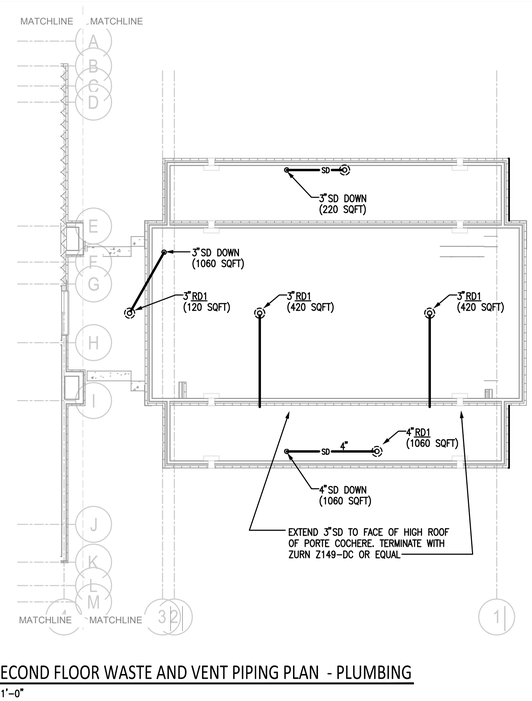
Phase
FOR CONSTRUCTION

Project No. 12-111
Prepared by JCF
Checked by WGA
Date September 16, 2013
Released for

Sheet No. P004

Hampton Inn and Suites



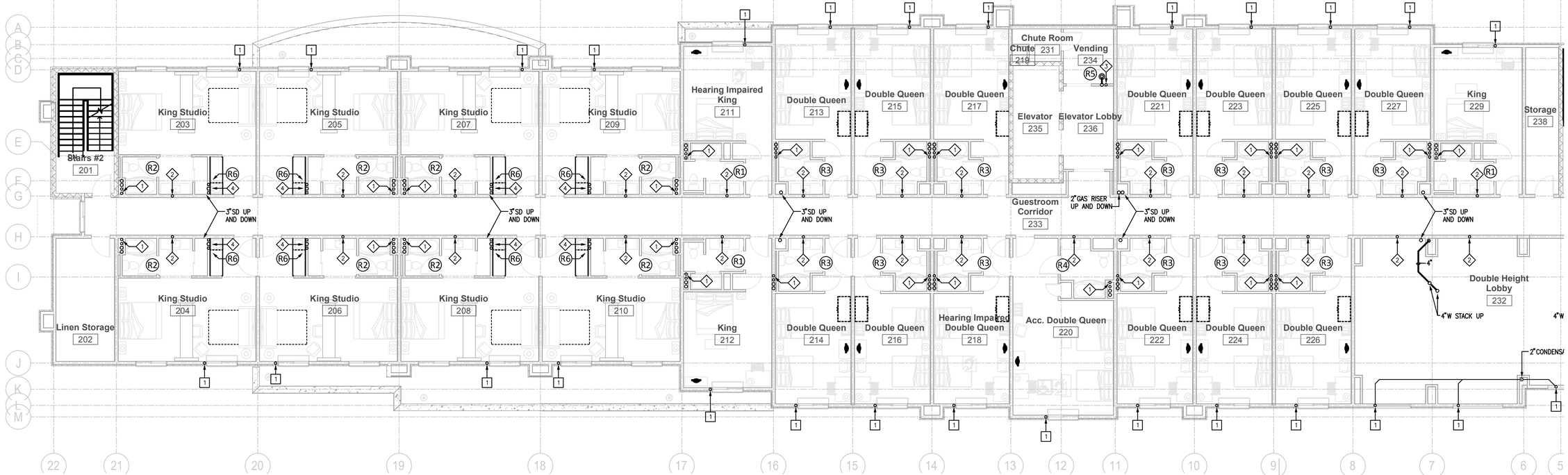


2 / P102 PARTIAL SECOND FLOOR WASTE AND VENT PIPING PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

1. CW AND HW RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
2. HWR RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
3. CW RISER FOR VENDING AREA. SEE RISER SCHEMATICS ON SHEET P401
4. CW AND HW RISER FOR IN ROOM SINKS. SEE RISER SCHEMATICS ON SHEET P401

1. CONDENSATE RISER FOR IN ROOM PTAC UNITS. PROVIDE 1¼" TEE AT EACH FLOOR FOR MECHANICAL CONDENSATE DISCHARGE CONNECTION. CONDENSATE RISER 1½" UNLESS OTHERWISE NOTED.

R# SEE WASTE AND VENT RISER SCHEMATICS ON SHEET P401



1 / P102 SECOND FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

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REVISIONS

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STATE OF LOUISIANA
GEORGE WILLIS AUSTIN
NUMBER 34796
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Second Floor, Waste and Vent Piping Plan - Plumbing

Phase
FOR CONSTRUCTION

Project No.	12-111
Prepared by	JCF
Checked by	WGA
Date	September 16, 2013

Released for

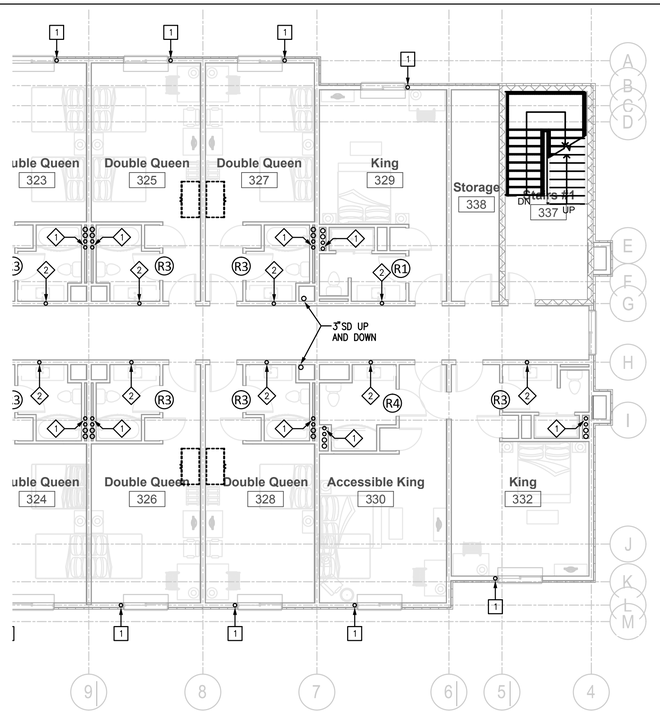
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P102

Hampton Inn and Suites

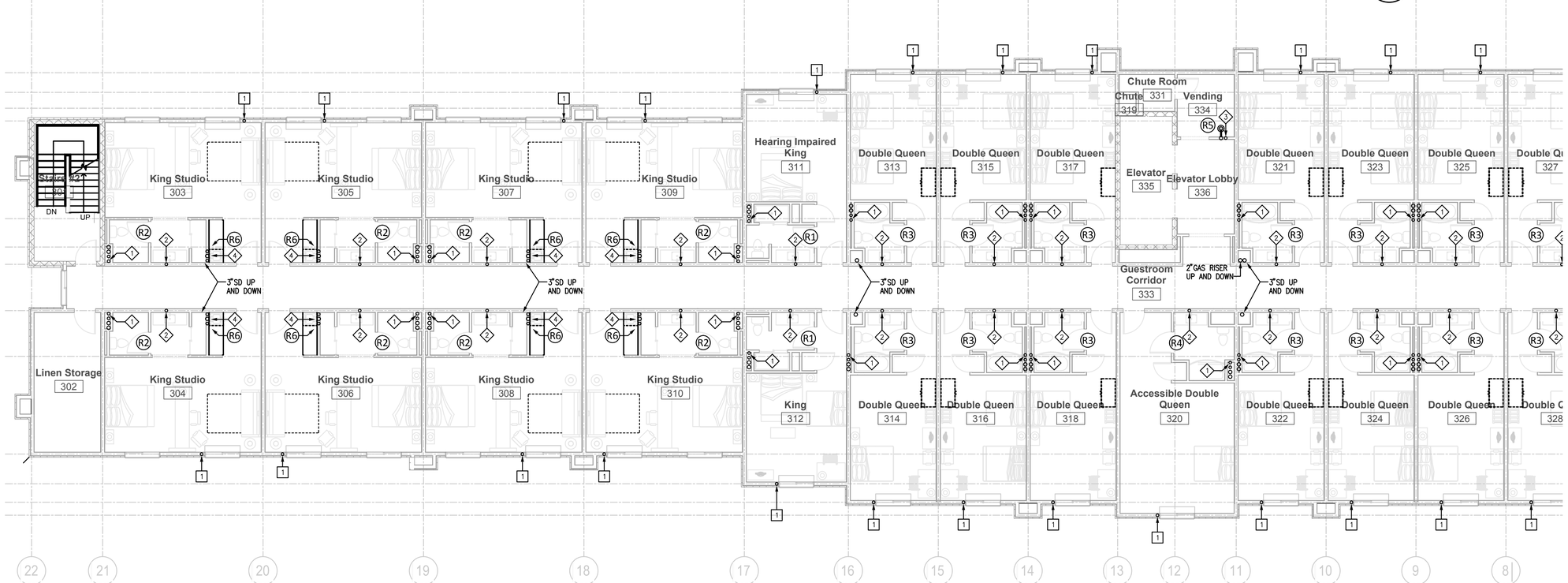
◇1 CW AND HW RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
◇2 HWR RISER FOR TOILET GROUP. SEE RISER SCHEMATICS ON SHEET P401
◇3 CW RISER FOR VENDING AREA. SEE RISER SCHEMATICS ON SHEET P401
◇4 CW AND HW RISER FOR IN ROOM SINKS. SEE RISER SCHEMATICS ON SHEET P401

[1] CONDENSATE RISER FOR IN ROOM PTAC UNITS. PROVIDE 1¼" TEE AT EACH FLOOR FOR MECHANICAL CONDENSATE DISCHARGE CONNECTION. CONDENSATE RISER 1½" UNLESS OTHERWISE NOTED.

(R#) SEE WASTE AND VENT RISER SCHEMATICS ON SHEET P401



2 PARTIAL THIRD FLOOR PLAN - PLUMBING
P103 SCALE: 1/8" = 1'-0"



1 PARTIAL THIRD FLOOR PLAN - PLUMBING
P103 SCALE: 1/8" = 1'-0"

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STATE OF LOUISIANA
GEORGE WILLIS AUSTIN
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REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Third Floor, Waste and Vent Piping Plan - Plumbing

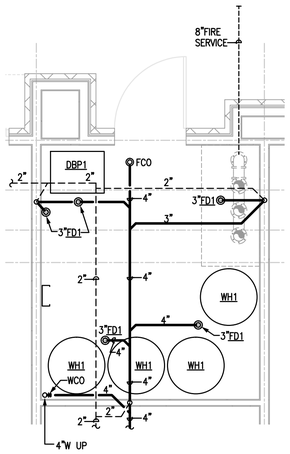
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FOR CONSTRUCTION

Project No.	12-111
Prepared by	JCF
Checked by	WGA
Date	September 16, 2013

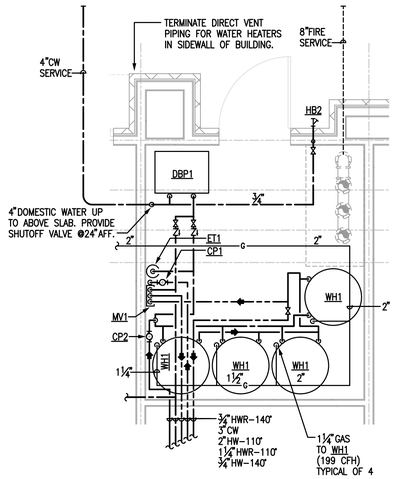
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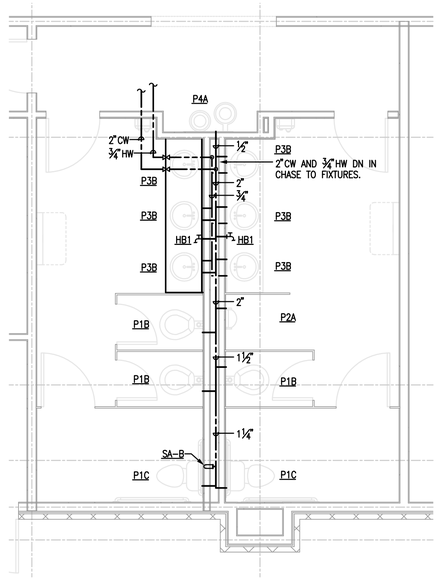
Hampton Inn and Suites



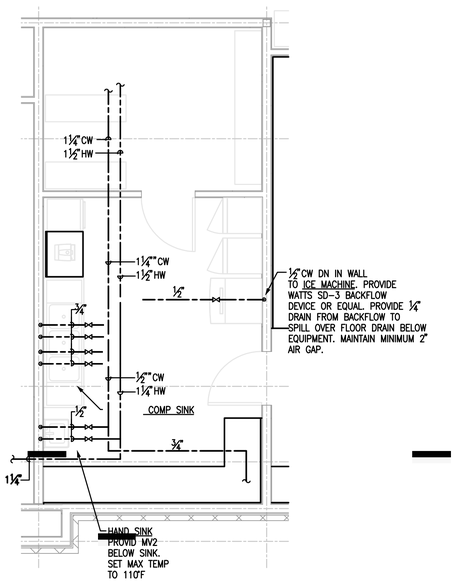
8 P301 ENLARGED DOUBLE QUEEN PLAN - PLUMBING
SCALE: 1/4" = 1'-0"



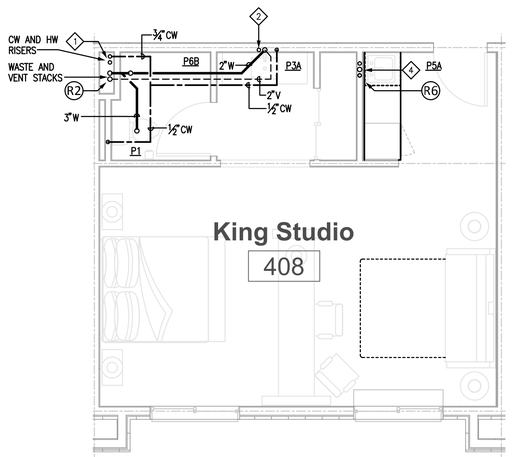
7 P301 ENLARGED DOUBLE QUEEN PLAN - PLUMBING
SCALE: 1/4" = 1'-0"



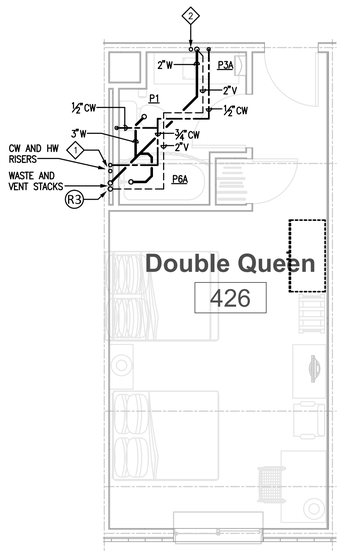
6 P301 ENLARGED KING PLAN - PLUMBING
SCALE: 1/4" = 1'-0"



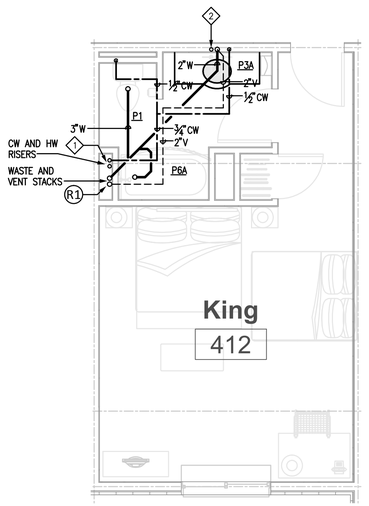
5 P301 ENLARGED A ...IBLE KING PLAN - PLUMBING
SCALE: 1/4" = 1'-0"



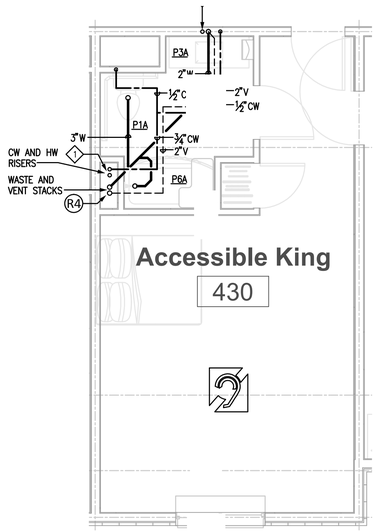
4 P301 ENLARGED KING STUDIO PLAN - PLUMBING
SCALE: 1/4" = 1'-0"



3 P301 ENLARGED DOUBLE QUEEN PLAN - PLUMBING
SCALE: 1/4" = 1'-0"



2 P301 ENLARGED KING PLAN - PLUMBING
SCALE: 1/4" = 1'-0"



1 P301 ENLARGED A(...SIBLE KING PLAN - PLUMBING
SCALE: 1/4" = 1'-(

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REVISIONS		
No.	Date	Description

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STATE OF LOUISIANA
GEORGE WILLIS AUSTIN
PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Enlarged Plans - Plumbing

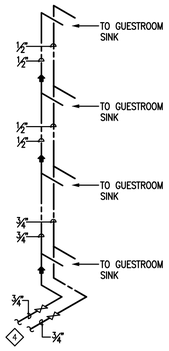
Phase
FOR CONSTRUCTION

Project No.	12-111
Prepared by	JCF
Checked by	WGA
Date	September 16, 2013

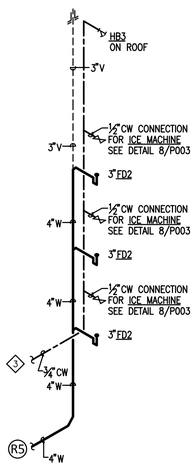
Sheet No.
P301

Released for

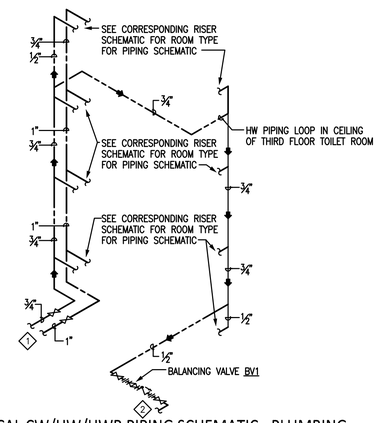
Hampton Inn and Suites



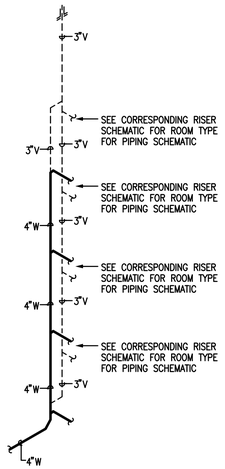
4 P401 TYPICAL CW/HW/HWR PIPING SCHEMATIC - PLUMBING
SCALE: N.T.S.



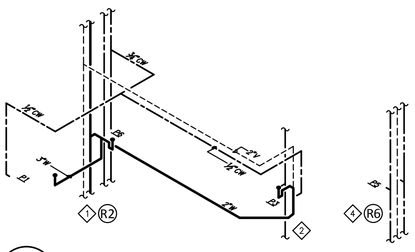
3 P401 TYPICAL CW/HW/HWR PIPING SCHEMATIC - PLUMBING
SCALE: N.T.S.



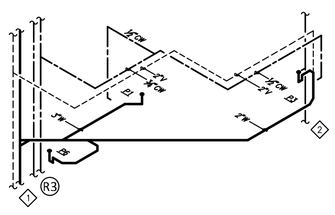
2 P401 TYPICAL CW/HW/HWR PIPING SCHEMATIC - PLUMBING
SCALE: N.T.S.



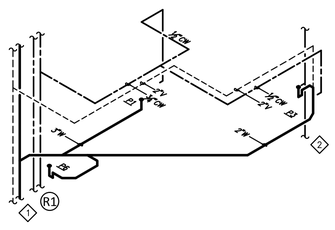
1 P401 TYPICAL WASTE AND VENT RISER SCHEMATIC - PLUMBING
SCALE: N.T.S.



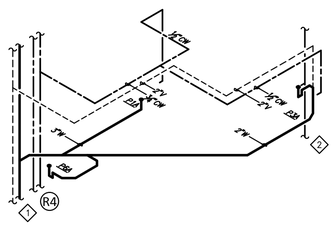
R2 P401 RISER R4 PIPING SCHEMATIC - KING STUDIO PLAN
SCALE: N.T.S.



R3 P401 RISER R4 PIPING SCHEMATIC - DOUBLE QUEEN PLAN
SCALE: N.T.S.



R1 P401 RISER R4 PIPING SCHEMATIC - ENLARGED KING PLAN
SCALE: N.T.S.



R4 P401 RISER R4 PIPING SCHEMATIC - ENLARGED ACC. KING PLAN
SCALE: N.T.S.

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STATE OF LOUISIANA
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No. 38126
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9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Riser Schematics - Plumbing

Phase
FOR CONSTRUCTION

Project No.	12-111
Prepared by	JCF
Checked by	WGA
Date	September 16, 2013
Released for	

Sheet No.
P401

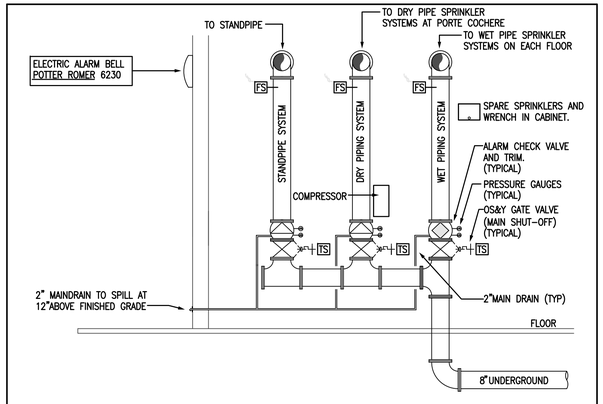
Hampton Inn and Suites

FIRE PROTECTION LEGEND

EXISTING PIPING	NEW PIPING	ABBR.	DESCRIPTION
FIRE MAIN	FIRE MAIN	–	FIRE MAIN BELOW GRADE/SLAB
FIRE MAIN	FIRE MAIN	–	FIRE MAIN/SUPPLY ABOVE CEILING
(E)		–	EXISTING PIPING TO BE REMOVED
		–	ELBOW DOWN
		–	ELBOW UP
		–	PIPE CONTINUES
		–	PIPE CAP
		–	DIRECTION OF FLOW
	TS	–	TAMPER SWITCH
	FS	–	FLOW SWITCH

ADDITIONAL ABBREVIATIONS

ABV	ABOVE	KW	KILOWATT
AFF	ABOVE FINISHED FLOOR	MBH	1,000 BTUH
BAS	BUILDING AUTOMATION SYSTEM	MH	MOUNTING HEIGHT
BEL	BELOW	PH	PHASE
BFF	BELOW FINISHED FLOOR	PSI	POUNDS PER SQUARE INCH
CLG	CEILING	SF	SQUARE FEET
CONT	CONTINUATION	T&P	TEMPERATURE AND PRESSURE
DN	DOWN	TYP	TYPICAL
EX	EXISTING	VLV	VALVE
FFE	FINISHED FLOOR ELEVATION	WC	WATER COLUMN
FIN	FINISH		
FL	FLOOR	EC	ELECTRICAL CONTRACTOR
FR	FROM	GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE	MC	MECHANICAL CONTRACTOR
HP	HORSE POWER	PC	PLUMBING CONTRACTOR
		FPC	FIRE PROTECTION CONTRACTOR



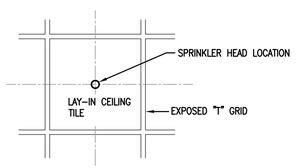
1	FIRE PUMP RISER SCHEMATIC
FP0.0.01	NO SCALE

FLOW TEST INFORMATION

FLOW TEST DATE: 4-22-2013
TEST CONDUCTED BY: ANTONIO DENNIS AND JERRY BELTON
LOCATION: AT OR AROUND SAM'S CLUB, 5400 FRONTAGE RD

WATER MAIN SIZES: 8" & 12"
STATIC PRESSURE: 60 PSIG
RESIDUAL PRESSURE: 45 PSIG
PITOT: 30
GPM: 920

FP CONTRACTOR SHALL PROVIDE, A 750 GPM FIRE PUMP, IF REQUIRED. FP CONTRACTOR TO DETERMINE NEED PRIOR TO BIDDING DOCUMENTS.



2	SPRINKLER HEAD LOCATION IN CEILING GRID
FP001	NO SCALE

FIRE PROTECTION SYSTEMS

DESCRIPTION OF WORK:

1. THE FIRE PROTECTION CONTRACTOR SHALL DESIGN, FABRICATE, INSTALL AND SECURE REQUIRED APPROVALS FOR A COMPLETE FIRE PROTECTION AUTOMATIC SPRINKLER AND STANDPIPE SYSTEM WHERE SHOWN ON THE CONTRACT DOCUMENTS, AND AS NEEDED FOR A COMPLETE AN PROPER INSTALLATION IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS INCLUDING BUT NOT LIMITED TO OSFM, NFPA AND LOCAL GOVERNMENTAL AGENCIES HAVING JURISDICTION.
2. SCOPE OF WORK INCLUDES PROVIDING DESIGNING SERVICES; COMPLETE AND COORDINATED DRAWINGS OF THE PROPOSED FP EQUIPMENT AND SYSTEMS, FURNISHING ALL LABOR, MATERIAL, EQUIPMENT, FIRE PUMP (IF REQUIRED, SEE FLOW TEST INFORMATION THIS SHEET) AND INSTALLATION AS REQUIRED FOR A FULLY OPERATIONAL FIRE PROTECTION SYSTEM AS DESCRIBED WITHIN THE CONTRACT DOCUMENTS AND SPECIFICATIONS. SCOPE OF WORK SHALL INCLUDE BUT NOT LIMITED TO: AUTOMATIC WET PIPE SPRINKLER SYSTEM, UNDERGROUND FIRE MAINS, STANDPIPE SYSTEMS, DRY PIPE SPRINKLER SYSTEMS, FIRE PUMPS.
3. THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE INSTALLATION OF FIRE PROTECTION SYSTEMS AND EQUIPMENT WITH THAT OF THE OTHER TRADES SO THAT ALL WORK WILL BE PERFORMED IN AN ORDERLY MANNER AND WITH THE LEAST POSSIBLE INTERFERENCE.

PROJECT RECORD DRAWINGS:

1. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE TO THE ENGINEER FOR REVIEW SIX (6) COPIES OF REQUIRED SUBMITTALS IN ACCORDANCE WITH NFPA "WORKING DRAWINGS". ALL CATALOG DATA, SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND APPROVAL FROM LOCAL AHJ (FIRE MARSHAL) SHALL BE SUBMITTED AS A SINGLE PACKAGE. SUBMITTALS SHALL CLEARLY AND COMPLETELY DESCRIBE THE SPECIFIC PRODUCT(S) THEY REPRESENT. DRAWINGS AND PLANS SHALL BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER, AND BEAR THE SIGNATURE AND SEAL REPRESENTING THE STATE IN WHICH THE PROJECT IS CONSTRUCTED.
2. PRIOR TO HYDRAULIC CALCULATIONS, THE CONTRACTOR SHALL OBTAIN FIRE FLOW DATA (GPM AND PRESSURE) FROM THE NEAREST HYDRANT(S). FLOW TEST INFORMATION SHALL BE WITHIN ONE YEAR OF PROJECT COMPLETION. DUE TO CONSTRUCTION LENGTH, MULTIPLE FLOW TESTS MAY BE REQUIRED TO FULLFILL THIS REQUIREMENT.
3. NO WORK SHALL COMMENCE PRIOR TO SHOP DRAWING APPROVAL.

CODES, REGULATIONS AND PRACTICES:

1. THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION (AHJ), INCLUDING THOSE OF ALL APPLICABLE CITY, COUNTY, STATE, FEDERAL AND PUBLIC ENTITIES. ALL LICENSES, PERMITS, AND FEES SHALL BE OBTAINED BY THE CONTRACTOR AND THE COST SHALL BE INCLUDED IN THE CONTRACT PRICE.
2. THE MINIMUM STANDARD OF WORK UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE FOLLOWING: ALL APPLICABLE SECTIONS OF NFPA 13, 14, 20, 25, NATIONAL ELECTRIC CODE, UNDERWRITERS LABORATORY (UL) "FIRE EQUIPMENT LIST", ALL STATE, FEDERAL, COUNTY OR MUNICIPAL CODE AS APPLICABLE BY AHJ.

MATERIALS AND EQUIPMENT:

1. SEE CONTRACT DOCUMENTS FOR COMPLETE LIST OF REQUIREMENTS. BOTH THE DRAWINGS AND SPECIFICATIONS SHALL BE UTILIZED. IF ANY DISCREPANCIES BETWEEN THE TWO ON ANY SPECIFIC ITEM OR REQUIREMENT ARISES, THE MOST STRINGENT SHALL APPLY. NO EXCEPTIONS.
2. ALL MATERIALS USED ON FIRE PROTECTION SYSTEMS SHALL MEET THE REQUIREMENTS OF APPLICABLE CODES, STANDARDS, AND REQUIREMENTS OF THE AHJ AND THE OWNER'S INSURANCE UNDERWRITER.
3. PIPE AND FITTINGS BELOW GRADE: DUCTILE IRON IN ACCORDANCE WITH AWWA C151. TIE RODS AND THRUST BLOCKS SHALL MEET NFPA 24. FITTINGS SHALL BE DUCTILE IRON MEETING AWWA C153. WORKING PRESSURE SHALL BE 350 PSIG.
4. PIPE AND FITTINGS ABOVE GRADE: BLACK STEEL IN ACCORDANCE WITH ASTM A53, ASTM A135 OR ASTM A75. PIPING 2½" AND LARGER SHALL BE SCH 10, PIPING 2" AND SMALLER SHALL BE SCH 40. FITTINGS SHALL BE UL LISTED. GROOVED FITTINGS SHALL BE UL LISTED AND IN ACCORDANCE WITH ASTM A536.

SEISMIC RESTRAINTS:

1. THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO DETERMINE SITE CLASSIFICATION AND SEISMIC REQUIREMENTS FOR THIS PROJECT. WHERE REQUIRED THE FIRE PROTECTION CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL STRUCTURAL ENGINEER, LICENSED IN THE PROJECT STATE, TO DESIGN SEISMIC RESTRAINT ELEMENTS REQUIRED FOR THIS PROJECT.

SPRINKLER SYSTEMS:

1. SPRINKLERS SHALL BE UL LISTED. PROVIDE CHROME PLATED/CONCEALED PENDENT TYPE HEADS IN CEILINGS AND BRONZE UPRIGHT HEADS IN EXPOSED CEILING AREAS UNLESS SPECIFIED OTHERWISE.
2. PROVIDE SPRINKLER HEADS WITH TEMPERATURE RATINGS IN COMPLIANCE WITH NFPA 13.
3. PROVIDE SPARE SPRINKLERS, CABINET, SPECIALTY TOOLS FOR REPLACEMENT OF HEADS PER "STOCK OF SPARE SPRINKLERS" PER NFPA 13.

INSTALLATION:

1. PIPING SHALL BE INSTALLED AS INDICATED ON SHOP DRAWINGS AND COMPLY WITH REQUIREMENTS FOR INSTALLATION OF SPRINKLER PIPING PER NFPA 13. INSTALL SPRINKLER PIPING AND DEVICES WITH DRAINS FOR COMPLETE SYSTEM DRAINAGE.
2. PIPING SHALL BE FREE OF SCALE, SLAG, DIRT AND DEBRIS. REAM ENDS OF PIPE AND TUBES AND REMOVE BURRS. BEVEL PLAIN ENDS OF STEEL PIPE.
3. INSTALL LISTED FIRE PROTECTION VALVES, TRIM AND DRAIN VALVES: SPECIALTY VALVES, AND TRIM; CONTROLS AND SPECIALTIES, ACCORDING TO NFPA 13 AND AHJ.
4. INSTALL SPRINKLERS IN SUSPENDED CEILINGS IN CENTER OF ACOUSTICAL CEILING PANELS. INSTALL DRY TYPE SPRINKLERS WITH WATER SUPPLY FROM HEATED SPACE. DO NOT INSTALL WET TYPE SPRINKLERS IN AREAS SUBJECT TO FREEZING. VICTAULIC AQUAFLEX FLEXIBLE DROP SYSTEM MAY BE USED WITH REQUIRED SUPPORT MEMBERS AND BRACING.

TESTING:

1. NEW FIRE PROTECTION SYSTEMS SHALL BE TESTED TO DISCLOSE LEAKS AND DEFECTS PER NFPA-13, CHAPTER 25 "SYSTEMS ACCEPTANCE".
2. THE FIRE PROTECTION CONTRACTOR SHALL NOTIFY THE AHJ AND THE OWNER 7 DAYS PRIOR TO SYSTEM TEST DATE.

FIRE STOPPING:

1. FIRE STOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS AND PARTITIONS. PROVIDE A DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-814, AND INSTALL IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE A DEVICE(S) OR SYSTEMS(S) WITH AN 'F' RATING EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED. REFER TO ARCHITECTURAL PLANS FOR WALL AND FLOOR TYPES.

FIRE PROTECTION GENERAL NOTES

1. FIRE PROTECTION WORK SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS LISTED UNDER "CODES, REGULATIONS, AND PRACTICES" SECTION OF THE FIRE PROTECTION SYSTEMS NOTES ON THIS SHEET.
2. GENERAL AND SPECIAL CONDITIONS ARE HEREBY MADE AN INTEGRAL PART OF THE FIRE PROTECTION SPECIFICATIONS INSOFAR AS THE GENERAL AND SPECIAL CONDITIONS ARE APPLICABLE TO THE FIRE PROTECTION WORK, UNLESS OTHERWISE NOTED.
3. PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL FIRE PROTECTION SYSTEMS IN ACCORDANCE WITH ALL APPLICABLE CODES, NFPA, AND THE AHJ.
4. PERMITS: APPLY AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION.
5. WARRANTY: PROVIDE A ONE YEAR WARRANTY, FROM THE DATE OF ACCEPTANCE OF WORK BY THE OWNER, FOR ALL FIRE PROTECTION MATERIALS AND EQUIPMENT, FURNISHED AGAINST DEFECTS, LEAKS, PERFORMANCE AND NON-OPERATION.
6. COORDINATE ALL FIRE PROTECTION PIPING LOCATIONS, EQUIPMENT LOCATIONS, AND INSTALLATION OF HEADS WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES. FINAL INSTALLATION OF PIPING AND EQUIPMENT LOCATION SHALL BE A CODE COMPLIANT INSTALLATION FOR ALL TRADES.
7. THE FIRE PROTECTION CONTRACTOR SHALL FURNISH ACCESS DOORS TO THE G.C. FOR INSTALLATION IN CEILINGS, WALLS, PARTITIONS, AND FLOORS (ACCESS TO VALVES AND OTHER APPURTENANCES).
8. SPRINKLER HEADS, EQUIPMENT, ACCESSORIES SHOWN ON DRAWINGS ARE FOR COORDINATION PURPOSES ONLY. THE FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR PROVIDING A FULLY FUNCTIONAL, NFPA 13 COMPLIANT SYSTEM REGARDLESS OF QUANTITIES SHOWN ON DOCUMENTS.
9. THE DESIGN SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AND APPROVED BY THE LOCAL FIRE MARSHAL AND OWNERS INSURANCE COMPANY PRIOR TO FABRICATION OR INSTALLATION.
10. SPRINKLERS IN GUESTROOMS AND PUBLIC AREAS SHALL BE CONCEALED TYPE. (2)
11. CUT WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF FIRE PROTECTION WORK. ALL CUTTING SHALL BE HELD TO A MINIMUM. PATCH AND FINISH SURFACES TO MATCH ADJOINING SURFACES.
12. FIRE PROTECTION PIPING SHALL BE CONCEALED WITHIN WALLS, PARTITIONS OR ABOVE CEILINGS UNLESS OTHERWISE NOTED. FIRE PROTECTION PIPING IN EXPOSED AREAS SHALL BE INSTALLED AS HIGH AS POSSIBLE.
13. ATTACH PIPING HANGARS TO STRUCTURE, HANGERS SHALL NOT BE ATTACHED TO THE DECK. THE BUILDING STRUCTURE SHALL NOT BE COMPROMISED.
14. THE FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SUBSTITUTIONS.
15. SPRINKLER HEADS CONFLICTING WITH RECESSED CAN LIGHTS OR TRACK LIGHTS SHALL BE COORDINATED WITH ELECTRICAL CONTRACTOR. WHERE SPRINKLER HEAD CANNOT BE RELOCATED WITHOUT ADDING A HEAD, THE LIGHT SHALL BE RELOCATED.

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REVISIONS		
No.	Date	Description
1	11/21/13	Permit Comments
2	11/25/13	Franchise Comments

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GEORGE WILLIS AUSTIN
License No. 33756
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING
11-25-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Schedule and Notes - Fire Protection

Phase
FOR CONSTRUCTION

Project No. 12-111
Prepared by JCF
Checked by WGA
Date September 16, 2013
Released for

Sheet No. FP001

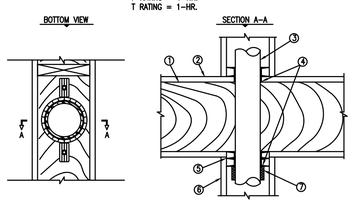
Hampton Inn and Suites

U.L. SYSTEM NO. FC2030

PLASTIC PIPE THROUGH 1–HR. WOOOD FLOOR/FIRE RATED CHASE WALL ASSEMBLY

F RATING = 1–HR.
T RATING = 1–HR.

BOTTOM VIEW — SECTION A–A



1. U.L. CLASSIFIED L500 SERIES FIRE–RATED WOOD FLOOR ASSEMBLY.
2. LUMBER OR PLYWOOD SUBFLOOR WITH FINISH FLOOR OF LUMBER, PLYWOOD, OR FLOOR TOPPING MIXTURE.
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING (SEE NOTE NO. 2):
   A. MAXIMUM 3" DIAMETER PVC PIPE (CELLULAR AND SOLID CORE).
   B. MAXIMUM 3" DIAMETER ABS PIPE (CELLULAR AND SOLID CORE).
   C. MAXIMUM 3" DIAMETER FRPP PIPE.
   D. MAXIMUM 3" DIAMETER CPVC PIPE.
4. FILL ANNULAR SPACE BETWEEN THE PIPE AND FLOORING AND BETWEEN PIPE AND TOP PLATE TO THE MAXIMUM EXTENT POSSIBLE USING HILTI FS–ONE FIRESTOP SEALANT.
5. TOP PLATE.
6. GYPSUM WALL ASSEMBLY (1–HR. FIRE–RATED)
7. HILTI CP 642 FIRESTOP COLLAR (SEE TABLE BELOW)

PIPE DIAMETER	PRODUCT DESCRIPTION	NO. OF MOUNTING TABS	MAX. HOLE SIZE	T RATING
1½"	CP 642 50/1.5"	2	2⅛"	1–HR.
2"	CP 642 63/2"	2	2⅝"	1–HR.
3"	CP 642 90/3"	3	4"	1–HR.

NOTES: 1. ANNULAR SPACE = MINIMUM ¼", MAXIMUM ⅜".
2. CLOSED OR VENTED PIPING SYSTEM (ABS, PVC, FRPP = SCHEDULE 40, CPVC = SDR 17).

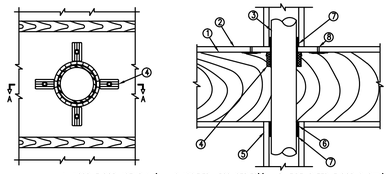
4 FIRE STOPPING DETAIL
NO SCALE

U.L. SYSTEM NO. FC2025

PLASTIC PIPE THROUGH 1–HR. OR 2–HR. WOOD FLOOR OR FIRE–RATED CHASE WALL ASSEMBLY

F RATING = 1–HR. AND 2–HR. (EQUAL TO RATING OF FLOOR ASSEMBLY)
T RATING = 0, 1, 1½, AND 2–HR. (SEE TABLE BELOW)

BOTTOM VIEW — SECTION A–A



1. WOOD FLOOR ASSEMBLY (U.L. CLASSIFIED L500 SERIES)(1–HR. FIRE–RATED FLOOR SHOWN).
2. LUMBER OR PLYWOOD SUBFLOOR WITH FINISH FLOOR OF LUMBER, PLYWOOD, OR FLOOR TOPPING MIXTURE.
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
   A. MAXIMUM 4" DIAMETER PVC PIPE (CELLULAR AND SOLID CORE).
   B. MAXIMUM 4" DIAMETER CPVC PIPE.
   C. MAXIMUM 3" DIAMETER ABS PIPE (CELLULAR AND SOLID CORE).
   D. MAXIMUM 4" DIAMETER FRPP PIPE.
4. HILTI CP 642 FIRESTOP COLLAR (SEE TABLE BELOW)
5. GYPSUM WALL ASSEMBLY (1–HR. AND 2–HR. FIRE–RATING)(1–HR. SHOWN).
6. TOP PLATE.
7. SEE NOTE NO. 1 BELOW
8. WOOD SCREWS WITH WASHERS TO FASTEN EACH MOUNTING TAB.

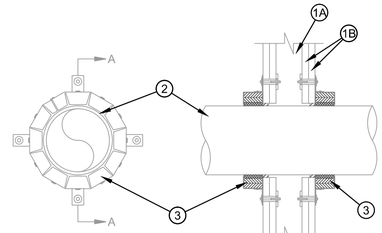
PIPE DIAMETER	PRODUCT DESCRIPTION	NO. OF MOUNTING TABS	MAX. HOLE SIZE	T–RATING (HR.)	
				1–HR. FLOOR	2–HR. FLOOR
1½"	CP 642 50/1.5"	2	2⅛"	1	2
2"	CP 642 63/2"	2	2⅝"	0	1½
3"	CP 642 90/3"	3	4"	0	1½
4"	CP 642 110/4"	4	5"	0	1½

NOTES: 1. PROVIDE ¼" DEPTH HILTI FS–ONE FIRESTOP SEALANT IN ANNULAR SPACE AROUND PIPE.
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM ⅜".
3. CLOSED OR VENTED PIPING SYSTEM. (ABS, PVC, AND FRPP = SCHEDULE 40, CPVC PIPE = SDR 17).

3 FIRE STOPPING DETAIL
NO SCALE

System No. W-L-2078

F Ratings— 1 and 2 Hr (See Item 1)
T Ratings— 0, 1 and 2 Hr (See Items 2 and 3)
L Rating At Ambient— 3 CFM/sq ft
L Rating At 400 F— Less Than 1 CFM/sq ft



SECTION A-A

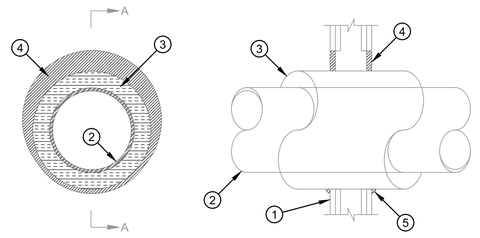
1. Wall Assembly— The fire–rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the UL fire Resistance Directory and shall include the construction features noted below:
   A. Studs— Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced max 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.
   B. Gypsum Board*— Nom 5/8 in. thick gypsum board, as specified in the individual Wall and Partition Design. Max diam of opening is 11-1/2 in.
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. Through-Penetrants— One nonmetallic pipe, conduit or tubing to be installed within the firestop system. The annular space between pipe and periphery of opening shall be min 0 in. (point contact) to max 1/2 in. Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipes may be used:
   A. Polyvinyl Chloride (PVC) Pipe— Nom 10 in. diam (or smaller) Schedule 40 solid-core or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   B. Chlorinated Polyvinyl Chloride (CPVC) Pipe— Nom 10 in. diam (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems.
   C. Acrylonitrile Butadiene Styrene (ABS) Pipe— Nom 6 in. diam (or smaller) Schedule 40 solid-core or cellular core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems
   D. Flame Retardant Polypropylene (FRPP) Pipe— Nom 6 in. diam (or smaller) Schedule 40 FRPP pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   E. Polyvinylidene Fluoride (PVDF) Pipe— Nom 4 in. diam (or smaller) PVDF pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.
   When max 6 in. diam pipe is used, T Rating is equal to the hourly fire rating of the wall. When nom 8 in, or 10 in. diam pipe is used, T Rating is 0 hr.
3. Firestop Device*— Firestop Collar— Firestop collar shall be installed in accordance with the accompanying installation instructions. Collar to be installed and latched around the pipe and secured to both sides of the wall using the anchor hooks provided with the collar. (Minimum two anchor hooks for 1-1/2 and 2 in. diam pipes, three anchor hooks for 3 and 4 in. diam pipes, four anchor hooks for 6 in. diam pipes, ten anchor hooks for 8 in. diam pipes and twelve anchor hooks for 10 in. diam pipes) . The anchor hooks are to be secured to the surface of wall with 3/16 in. diam by 2-1/2 in. long steel toggle bolts along with washers. As an alternate for pipe sizes of nom 4 in. diam or less, min No. 10 by 1-1/2 in. long drywall or laminate screws with min 3/4 in. steel washers may be used. When the drywall or laminate screw is used, T Rating shall not exceed 1 hr.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC— CP 643 50/1.5"N, CP 643 63/2"N, CP 643 90/3"N, CP 643 110/4"N, CP 643 160/6"N, CP 644 200/8" andCP 644 250/10" Firestop Collars
4. Fill, Void or Cavity Material*— Sealant - (Not Shown) — Min 1/2 in. thickness of sealant applied within the annular space for nom 8 in. and 10 in. diam pipes, flush with each side of wall. Sealant in annular space is optional for max 6 in. diam pipes. A min 1/4 in. thickness of sealant is required within the annular space, flush with each side of wall, to attain the L Ratings for max 6 in. diam pipes.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC— FS-One Sealant
*Bearing the UL Classification Mark

C UL US

2 FIRE STOPPING DETAIL
NO SCALE

System No. W-L-5029

F Ratings— 1 and 2 Hr (See Item 1)
T Ratings— 1/2, 3/4, 1, 1-1/2 and 1-3/4 Hr (See Item 3)
L Rating At Ambient— 4 CFM/Sq Ft
L Rating At 400 F— Less Than 1 CFM/Sq Ft



SECTION A-A

1. Wall Assembly— The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs— Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.
   B. Gypsum Board*— 5/8 in. thick, 4 ft wide, with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diam of opening is 18-5/8 in.
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. Through Penetrants— One metallic pipe or tubing to be centered within the firestop system. Pipe or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes or tubing may be used:
   A. Steel Pipe— Nom 12 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. Iron Pipe— Nom 12 in. diam (or smaller) cast or ductile iron pipe.
   C. Copper Tubing— Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing.
   D. Copper Pipe— Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe.
3. Pipe Covering*— Nom 1, 1-1/2 or 2 in. thick hollow cylindrical heavy density (min 3.5 pcf) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or with butt tape supplied with the product.
   See Pipe and Equipment Covering— Materials (BRGU) category in the Building Material Directory for the names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
   The hourly T Rating of the firestop system is dependent on the hourly fire rating of the wall assembly in which it is installed, the size and type of through penetrant and the pipe covering thickness, as shown in the table below:

Wall Assembly Rating Hr	Through Penetrant		Pipe Covering Thkns In.	Annular Space		T Rating Hr
	Type +	Max Diam In.		Min In.	Max In.	
1	A	4	1	0	1-1/2	1/2
1	B or C	2	1 or 1-1/2	0	1-1/2	1/2
1	A	4	1-1/2	0	1-1/2	1
1	A	12	2	0	1-7/8	3/4
1	B or C	6	2	0	1-7/8	1
2	A	4	1	0	1-1/2	1
2	B or C	4	1 or 1-1/2	0	1-1/2	1
2	B or C	6	2	0	1-7/8	1
2	A	4	1-1/2	0	1-1/2	1-3/4
2	A	12	2	0	1-7/8	1-1/2
2	B or C	6	2	0	1-7/8	1

+Indicates penetrant type as itemized in Item 2.
3A. Pipe Covering*— (Not Shown) — As an alternate to Item 3, max 2 in. thick cylindrical calcium silicate (min 14 pcf) units sized to the outside diam of the pipe or tube may be used. Pipe insulation secured with stainless steel bands or min 8 AWG stainless steel wire spaced max 12 in. OC. When the alternate pipe covering is used, the T Rating shall be determined from the table above.
   See Pipe and Equipment Covering— Materials (BRGU) category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
4. Fill, Void or Cavity Material*— Sealant— Min 5/8 in. thickness of fill material applied within the annulus, flush with both surfaces of wall . At the point contact location between pipe covering and gypsum board, a min 1/2 in. diam bead of fill material shall be applied at the pipe covering/gypsum board interface on both surfaces of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC— FS-One Sealant
*Bearing the UL Classification Mark

C UL US

1 FIRE STOPPING DETAIL
NO SCALE

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SEG – 13-039

REVISIONS

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STATE OF LOUISIANA
GEORGE WILLIS AUSTIN
No. 33436
PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

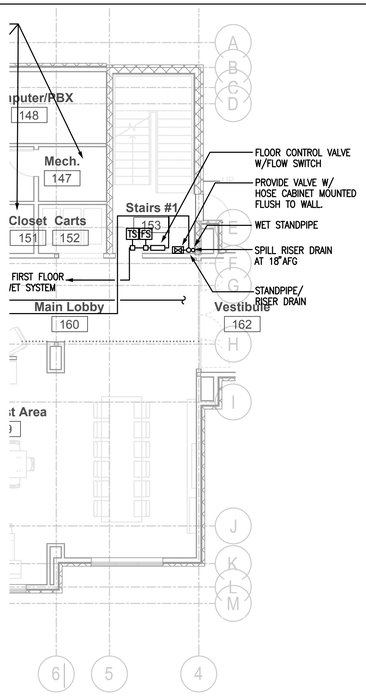
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Details - Fire Protection

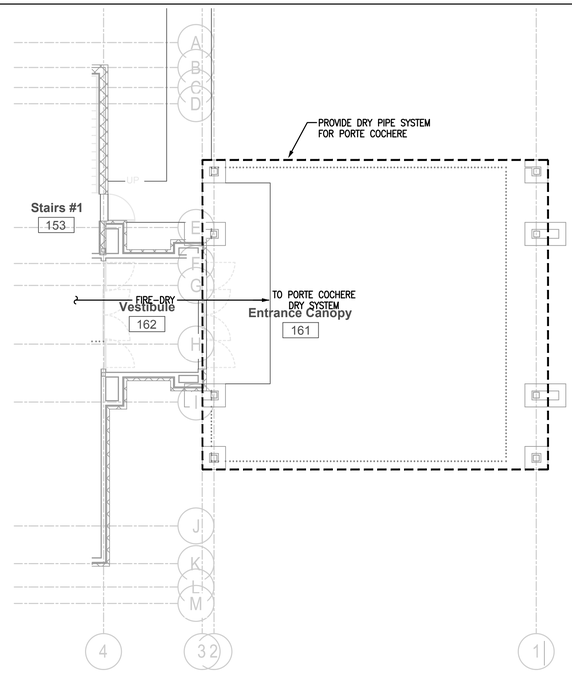
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FOR CONSTRUCTION

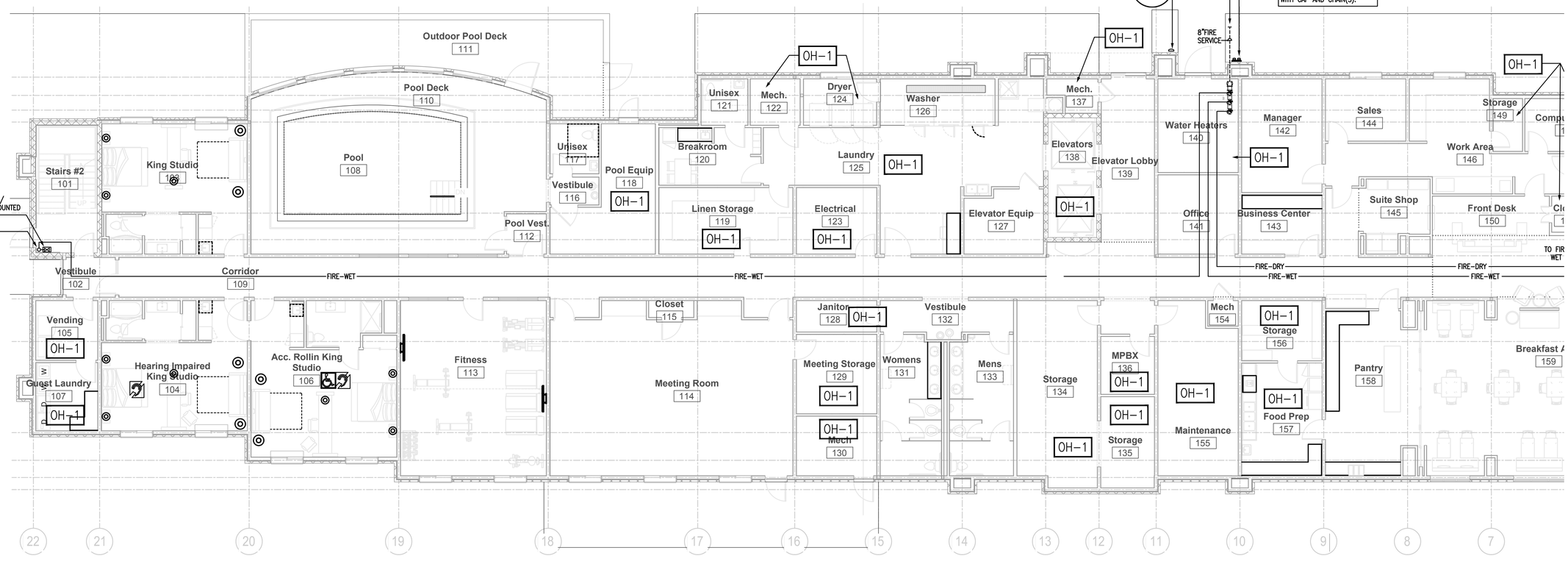
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Prepared by JCF
Checked by WGA
Date September 16, 2013
Released for

Sheet No. FP002

Hampton Inn and Suites







1 FP101 PARTIAL FIRST FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

2 FP101 PARTIAL FIRST FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

8"FIRE SERVICE

2½ FEMALE CONNECTIONS WITH CAP AND CHAIN(S).

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GEORGE WILLIS AUSTIN
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9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
First Floor Plan - Fire Protection

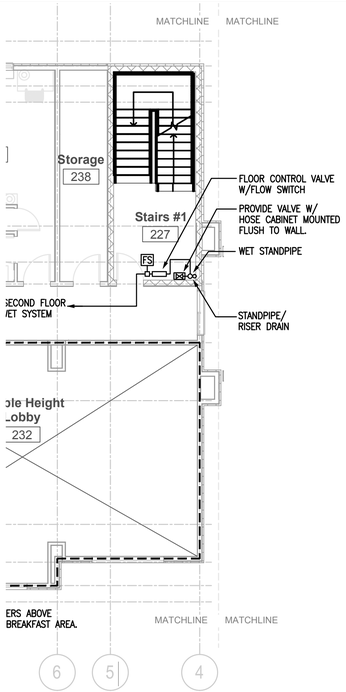
Phase
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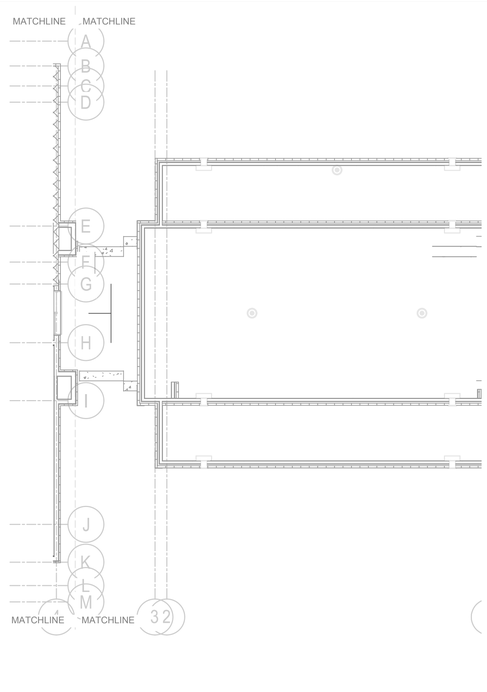
Project No.	12-111
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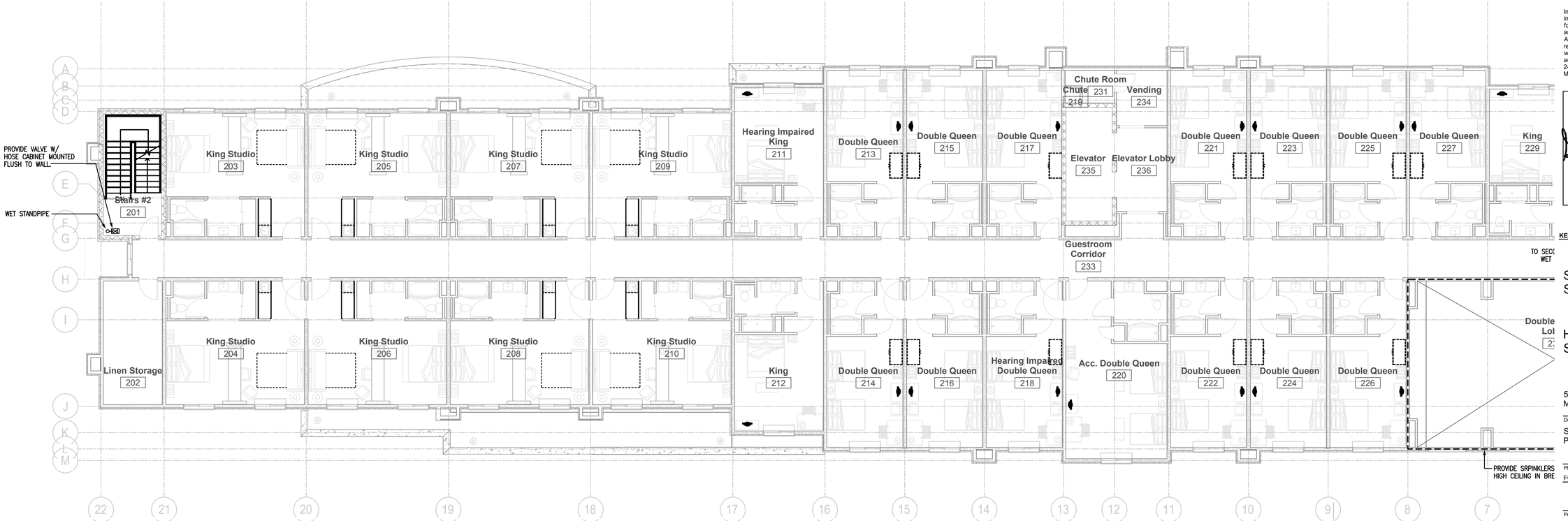
Sheet No.
FP101

Hampton Inn and Suites





1 FP102 SECOND FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"



1 FP102 SECOND FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

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9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Second Floor Plan - Fire Protection

Phase
FOR CONSTRUCTION

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Date	September 16, 2013
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FP102

Hampton Inn and Suites



1 FP103 PARTIAL THIRD FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

1 FP103 PARTIAL THIRD FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

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9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Third Floor Plan - Fire Protection

Phase
FOR CONSTRUCTION

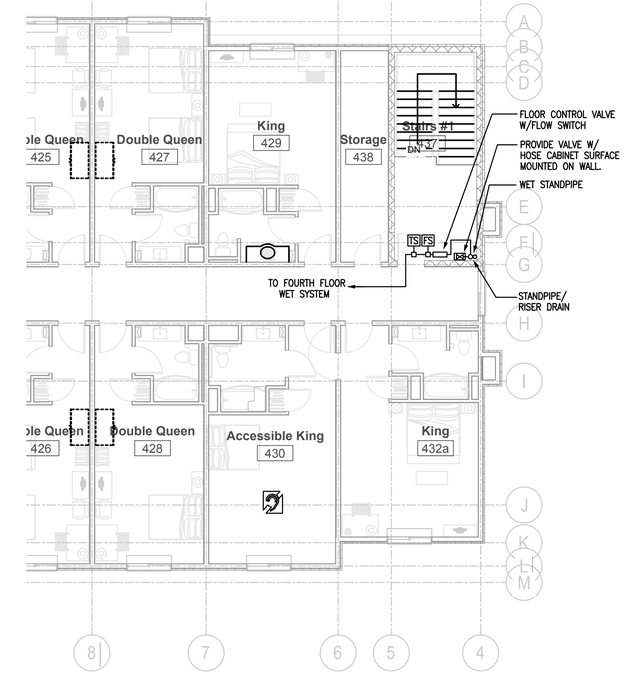
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FP103

Hampton Inn and Suites



1 FP104 PARTIAL FOURTH FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"



2 FP104 PARTIAL FOURTH FLOOR PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

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9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Fourth Floor Plan - Fire Protection

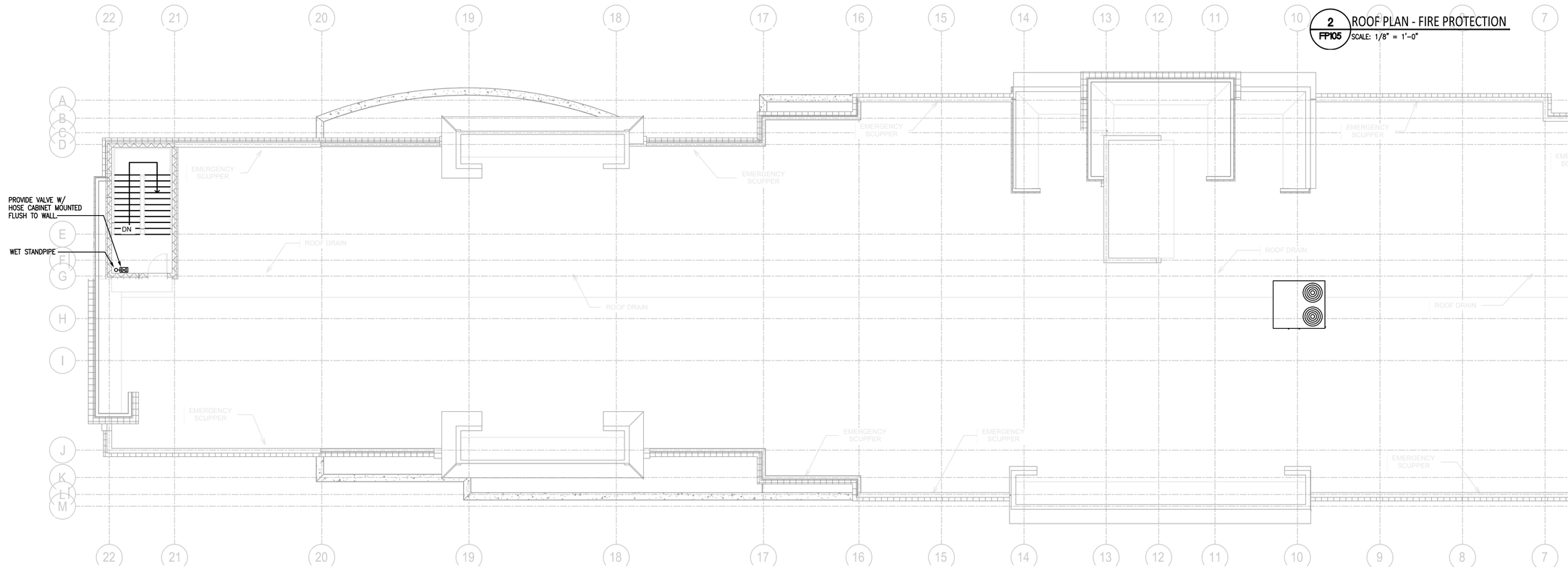
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Prepared by	JCF
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Date	September 16, 2013

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FP104

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Hampton Inn and Suites



1 FP105 ROOF PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

2 FP105 ROOF PLAN - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

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9-13-2013

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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Monroe, LA 71201

Drawing Title
Roof Plan - Fire Protection

Phase
FOR CONSTRUCTION

Project No.	12-111
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Sheet No.
FP105

Hampton Inn and Suites

ELECTRICAL SYMBOLS LEGEND

	SURFACE, RECESSED, OR WALL MOUNTED LIGHTING FIXTURE CONNECTED TO NORMAL BRANCH CIRCUIT. SEE LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS.
	SURFACE, RECESSED, OR WALL MOUNTED LIGHTING FIXTURE TO BE PROVIDED WITH BATTERY PACK. LETTER INDICATES TYPE. SEE LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS.
	TRACK LIGHTING FIXTURE, NUMBER OF HEADS AS SPECIFIED.
	CEILING MOUNTED EXIT SIGN, SHADED AREA INDICATES FACE WITH DIRECTIONAL ARROWS AS SHOWN. SEE LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS. CONNECT UNSWITCHED TO INDICATED BRANCH CIRCUIT.
	WALL MOUNTED EXIT SIGN, SHADED AREA INDICATES FACE WITH DIRECTIONAL ARROWS AS SHOWN. SEE LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS. CONNECT UNSWITCHED TO INDICATED BRANCH CIRCUIT.
	EMERGENCY BATTERY PACK UNIT WITH NUMBER OF LAMPS AS INDICATED. LETTER (WHERE SHOWN) INDICATES TYPE. SEE LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS. CONNECT UNSWITCHED TO INDICATED BRANCH CIRCUIT.
	EXTERIOR POLE-MOUNTED LIGHTING FIXTURE. LETTER INDICATES TYPE. SEE LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS.
	EXTERIOR POLE-MOUNTED LIGHTING FIXTURE WITH NUMBER OF LUMINAIRES AS INDICATED. LETTER INDICATES TYPE. SEE LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS.
	GRADE MOUNTED OR POLE MOUNTED FLOODLIGHT, TYPE AS INDICATED.
S	SINGLE-POLE SWITCH IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. HUBBELL 1221 SERIES OR EQUIVALENT.
S_2	2-POLE, SINGLE THROW SWITCH IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. HUBBELL 1221 SERIES OR EQUIVALENT.
S_3	THREE-WAY SWITCH IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. HUBBELL 1221 SERIES OR EQUIVALENT.
S_4	FOUR-WAY SWITCH IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. HUBBELL 1221 SERIES OR EQUIVALENT.
S_D	INCANDESCENT OR FLUORESCENT DIMMER CONTROL MOUNTED IN FLUSH (FINISHED SPACES) SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS.
S_{LV1}	MAGNETIC MOTOR STARTER, FVNR UNLESS OTHERWISE INDICATED. SUBSCRIPT INDICATES NEMA SIZE. SUBSCRIPT WP INDICATES IN NEMA 4X ENCLOSURE.
	MANUAL MOTOR STARTER MOUNTED 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. SUBSCRIPT WP INDICATES IN NEMA 3R ENCLOSURE.
	COMBINATION MAGNETIC MOTOR STARTER, FVNR UNLESS OTHERWISE INDICATED. SUBSCRIPT INDICATES NEMA SIZE. SUBSCRIPT WP INDICATES IN NEMA 3R ENCLOSURE.
	FUSED SAFETY SWITCH, SIZE AND NUMBER OF POLES AS INDICATED BY SUBSCRIPTS. PROVIDE FUSES PER NAMEPLATE OF EQUIPMENT SERVED UNLESS OTHERWISE INDICATED. SUBSCRIPT WP INDICATES IN NEMA 3R ENCLOSURE.
	NON-FUSED SAFETY SWITCH, SIZE AND NUMBER OF POLES AS INDICATED BY SUBSCRIPTS. SUBSCRIPT WP INDICATES IN NEMA 3R ENCLOSURE.
	ELECTRIC PUSH BUTTON IN FLUSH OUTLET BOX WHEN SHOWN IN FINISHED WALLS. MOUNT 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. PROVIDED BY DOOR OPERATED VENDOR.
	480/277 VOLT PANELBOARD, FLUSH AND SURFACE MOUNTED RESPECTIVELY. SEE PANEL SCHEDULE FOR DESIGN INFORMATION. DESIGNATION AS INDICATED.
	208Y/120 OR 120/240 VOLT PANELBOARD, FLUSH AND SURFACE MOUNTED RESPECTIVELY. DESIGNATION AS INDICATED. SEE PANELBOARD SCHEDULE FOR EXACT REQUIREMENTS.
	CONDUIT WITH BUSHING AND CAP.
	HAZARDOUS LOCATION CONDUIT SEAL-OFF.
	CONDUIT TURNED UP.
	CONDUIT TURNED DOWN.
	MOTOR CONNECTION.
	SURFACE METAL RACEWAY, MOUNTING AND CONFIGURATION AS SPECIFIED.
	FLUSH WITH COVER JUNCTION BOX IN FINISHED FLOOR. SIZE PER NEC.
	WALL MOUNTED JUNCTION BOX, SIZE PER NEC OR AS INDICATED. MOUNTING HEIGHT AS INDICATED. MOUNT FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES UNLESS OTHERWISE INDICATED.
	SPECIAL EQUIPMENT CONNECTION. SUBSCRIPT INDICATES DESIGNATION. SEE EQUIPMENT CONNECTION SCHEDULE FOR EXACT REQUIREMENTS.
	GROUND ROD. SIZE AS SPECIFIED.
VFD	VARIABLE FREQUENCY DRIVE / MOTOR STARTER FURNISHED BY HVAC CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR
M	ELECTRIC MOTOR
J	JUNCTION BOX (CEILING) | 'M'= MOTORIZED SCREEN; 'P'= PROJECTOR; 'WC'= WATER COOLER COMPRESSOR; 'DF'= DRINKING FOUNTAIN
TVSS OR TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
T	TRANSFORMER
ECB	CIRCUIT BREAKER IN NEMA 1 ENCLOSURE
G OR G	GENERATOR
	MAIN BONDING JUMPER TO GROUNDING ELECTRODE
F	MANUAL FIRE ALARM PULL STATION IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
V	FIRE ALARM SYSTEM VISUAL SIGNAL LIGHT IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX 80-INCHES ABOVE FLOOR OR 6-INCHES BELOW CEILING,
H	FIRE ALARM SYSTEM COMBINATION AUDIOVISUAL SIGNAL HORN AND LIGHT IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX 80-INCHES ABOVE FLOOR OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER.
C	FIRE ALARM SYSTEM COMBINATION AUDIOVISUAL CHIME AND LIGHT IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX 80-INCHES ABOVE FLOOR OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER.
B	FIRE ALARM SYSTEM EXTERIOR BELL IN WEATHERPROOF ENCLOSURE. MOUNT 96-INCHES ABOVE FINISHED GRADE UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS.
S	CEILING MOUNTED SMOKE DETECTOR.
F	CEILING MOUNTED STAND ALONE SMOKE DETECTOR USED IN GUEST ROOMS.
RR	FIRE ALARM SYSTEM CEILING MOUNTED SMOKE DETECTOR FOR ELEVATOR RECALL.
H	FIRE ALARM SYSTEM CEILING MOUNTED HEAT DETECTOR.
L	FIRE ALARM SYSTEM DUCT DETECTOR REMOTE ALARM LAMP, CEILING MOUNTED.
R	FIRE ALARM RELAY, SUBSCRIPT. WHEN SHOWN, INDICATES ZONE.
DD	FIRE ALARM SYSTEM DUCT DETECTOR WITH REMOTE ALARM LAMP, FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR UNLESS OTHERWISE INDICATED.
W OR FS	SPRINKLER SYSTEM WATER FLOW SWITCH. PROVIDED AND INSTALLED BY SPRINKLER CONTRACTOR, CONNECTED TO FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE INDICATED.
TS	SPRINKLER SYSTEM VALVE TAMPER SWITCH. PROVIDED AND INSTALLED BY SPRINKLER CONTRACTOR, CONNECTED TO FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE INDICATED, SUBSCRIPT, WHEN SHOWN INDICATES ZONE .
D	FIRE ALARM SYSTEM DOOR HOLD OPEN DEVICE.
MD	MOTORIZED DAMPER
FACP	FIRE ALARM CONTROL PANEL MOUNTED 6'-6" TO TOP
FAA	FIRE ALARM ANNUNCIATOR PANEL, REMOTE LCD MOUNTED 60"AFF
FCC	FIRE COMMAND CENTER MOUNTED 60"AFF
BJR	VISUAL/AUDIO NOTIFICATION DEVICE FOR HANDICAP USE TO ALERT OCCUPANTS OF INCOMING TELEPHONE CALLS, DOOR KNOCKS, AND BELLS.
EDS	ELECTRIC DOOR STRIKE
IDS	INTERCOM DOOR STATION
SCP	SECURITY CONTROL PANEL
	PANELBOARD OR TERMINAL CABINET, FLUSH AND SURFACE MOUNTED RESPECTIVELY. DESIGNATION AS INDICATED.
ARAP	CONTRACTOR TO SUPPLY AND INSTALL "AREA OF RESCUE ASSISTANCE" RECESSED EMERGENCY PHONE EQUAL TO TALK-A-PHONE ETP-100ER. CONTRACTOR TO MAKE ALL NECESSARY CONNECTIONS TO COMMAND UNIT ON FIRST FLOOR FOR FULLY OPERABLE AND COMPLIANT SYSTEM.
ARAC	CONTRACTOR TO SUPPLY AND INSTALL "AREA OF RESCUE ASSISTANCE" RECESSED EMERGENCY COMMAND UNIT EQUAL TO TALK-A-PHONE CU-16. CONTRACTOR TO MAKE ALL NECESSARY CONNECTIONS FOR A FULLY OPERABLE AND COMPLIANT SYSTEM. VERIFY LOCATION WITH THE LOCAL FIRE MARSHALL BEFORE ROUGH IN.
ARAL	CONTRACTOR TO SUPPLY AND INSTALL "AREA OF RESCUE ASSISTANCE" LIGHTED SIGN EQUAL TO TALK-A-PHONE ETP-SIGN/LD. CONNECT TO NEAREST EXIT SIGN CIRCUIT.
T	WALL MOUNTED THERMOSTAT. PROVIDE EMPTY BOX & CONDUIT.

S_M	MOTOR RATED CONTACT SWITCH IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. HUBBELL 1221 SERIES OR EQUIVALENT.
S_T	TIMER SWITCH IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS.
S_{WP}	WEATHERPROOF SWITCH IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS.
S_P	SWITCH WITH PILOT LIGHT IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. HUBBELL 1221PLC SERIES OR EQUIVALENT.
S_X	EXPLOSION PROOF SWITCH MOUNTED IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS INDICATED OR REQUIRED BY SITE CONDITIONS. LOCATION TYPE AS SPECIFIED.
S_{SS}	TWO SINGLE-POLE SWITCHES WIRED FOR MULTI-LEVEL LIGHTING. ONE SWITCH SHALL CONTROL INNER LAMP(S) IN EACH FIXTURE WHILE OTHER SWITCH SHALL CONTROL OUTER LAMPS. HUBBELL 1221 SERIES OR EQUIVALENT.
S_K	KEY TYPE SWITCH MOUNTED IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS.
S_C	THREE POSITION MOMENTARY SWITCH WITH CENTER OFF POSITION IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS.
S_{3P}	3-POLE MOTOR RATED SWITCH WITH CENTER OFF POSITION IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS.
S_{SSS}	TWO SWITCHES FOR MULTI-LEVEL SWITCHING WITH ONE SINGLE POLE AND ONE 3-WAY. LETTER, WHEN SHOWN, INDICATES FIXTURES CONTROLLED.
C	LIGHTING CONTACTOR
TC	TIMECLOCK WITH ASTRONOMIC DIAL AND DAY-OMITTING DEVICE, ADJUSTABLE ON-OFF OPERATION WITH 40A CONTACTS MOUNT 54" – 60"AFF
OS	OCCUPANCY SENSOR, DUAL TECHNOLOGY CEILING MOUNTED AS MANUFACTURED BY NOVITAS OR WATT STOPPER
WS	OCCUPANCY SENSOR DUAL TECHNOLOGY WALL MOUNTED AS MANUFACTURED BY NOVITAS OR WATT STOPPER
LV1	LOW VOLTAGE SWITCH BANK #1 48"AFF
P	PHOTOCELL, MOUNTING REQUIREMENTS AS INDICATED.
	TRANSFORMER – SIZE AS NOTED ON DRAWING
R	RELAY
CR	CONTROL RELAY
GF	GROUND FAULT PROTECTION W/CB
ST	SHUNT TRIP W/CB
E N ATS T L	AUTOMATIC TRANSFER SWITCH "SATS" DENOTES STANDBY AUTOMATIC TRANSFER SWITCH "EATS" DENOTES EMERGENCY AUTOMATIC TRANSFER SWITCH
	PANELBOARD – SEE SCHEDULE
11028	FAULT CURRENT AVAILABLE
	125 VOLT, 3 WIRE DUPLEX RECEPTACLE IN FLUSH, FLOOR-MOUNTED OUTLET BOX.
	125 VOLT, 3 WIRE SINGLE RECEPTACLE IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 18-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED. SUBSCRIPT 'C' INDICATES CLOCK HANGER MOUNTED 12" BELOW CLG
E, E	RECEPTACLE CONNECTED TO EMERGENCY BRANCH CIRCUIT. PROVIDE WITH RED FACE UNLESS OTHERWISE INDICATED. MOUNTING AS INDICATED.
SP, SP	125 VOLT, 3 WIRE DUPLEX SURGE PROTECTOR TYPE RECEPTACLE. MOUNTING AS INDICATED.
GF, GF	125 VOLT, 3 WIRE GROUND FAULT TYPE DUPLEX RECEPTACLE. MOUNTING AS INDICATED.
IG, IG	125 VOLT, 3 WIRE DUPLEX RECEPTACLE WITH ONE SIDE SWITCHED. INSTALL IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX, 18" ABOVE FINISHED UNLESS OTHERWISE INDICATED.
	125 VOLT, 3 WIRE DUPLEX RECEPTACLE IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 18-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
	125 VOLT, 3 WIRE DUPLEX RECEPTACLE IN FLUSH (FINISHED SPACES) OR SURFACE (UNFINISHED SPACES) OUTLET BOX. MOUNT 46" ABOVE FINISHED FLOOR, 4" ABOVE DESK/ COUNTERTOP, OR 2" ABOVE BACKSPLASH UNLESS OTHERWISE INDICATED.
	CEILING MOUNTED DUPLEX RECEPTACLE NEMA 5-20R
	FACTORY WIRED, MULTI-OUTLET ASSEMBLY 12" INDICATES DUPLEX 5-20R RECEPTACLES ON CENTER
	CONDUIT RUN CONCEALED IN WALL, ABOVE CEILINGS, OR BELOW FLOOR. EXPOSED IN UNFINISHED AREAS. RUN PARALLEL OR PERPENDICULAR TO STRUCTURE OR WALL. INDICATES EMPTY CONDUIT FOR TELEPHONE. "D" INDICATES EMPTY CONDUIT FOR DATA.
	HOMERUN TO PANELBOARD. QUANTITY OF ARROWS INDICATES NUMBER OF CIRCUITS.
1	PLAN NOTE. NOTE NUMBER AS INDICATED.
123	ROOM NAME DESIGNATION
	FLEXIBLE RACEWAY
	CONDUIT RUN UNDERGROUND OR UNDERSLAB
	CONDUIT RUN CONCEALED
	CABLE TRAY, NEMA 20C, 20"WIDE, 4"RAIL DEPTH, 6"LADDER RUNG, ALUMINUM, 24"RADIUS BENDS UON
	TELEPHONE OUTLET 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. MOUNT FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES. SUBSCRIPT INDICATES JACK CONFIGURATION AS DEFINED ON SHEET E4.3. IF NO SUBSCRIPT SHOWN, DEVICE TYPE TO BE TYPE D-6.
	TELEPHONE OUTLET MOUNTED 46-INCHES ABOVE FINISHED FLOOR, 6-INCHES ABOVE DESK/COUNTERTOP UNLESS OTHERWISE INDICATED. MOUNT FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES. SUBSCRIPT INDICATES JACK CONFIGURATION AS DEFINED ON SHEET E4.3. IF NO SUBSCRIPT SHOWN, DEVICE TYPE TO BE TYPE D-6.
	COMBINATION TELEPHONE/DATA OUTLET 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED OR REQUIRED BY SITE CONDITIONS. MOUNT FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES. SUBSCRIPT INDICATES JACK CONFIGURATION AS DEFINED ON SHEET E4.3. IF NO SUBSCRIPT SHOWN, DEVICE TYPE TO BE TYPE D-1
	COMBINATION TELEPHONE/DATA OUTLE MOUNTED 46"ABOVE FINISHED FLOOR OR 6" ABOVE DESK/COUNTERTOP UNLESS OTHERWISE INDICATED. MOUNT FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES. SUBSCRIPT INDICATES JACK CONFIGURATION AS DEFINED ON SHEET E4.3. IF NO SUBSCRIPT SHOWN, DEVICE TYPE TO BE TYPE D-1
TV OR TV	FLUSH TELEVISION OUTLET MOUNTED 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
	TV OUTLET–12" FROM CEILING, 7'-0" FOR CEILING OVER 8'-0"
T OR T	FLUSH MOUNTED TELECOM OUTLET BOX WITH COVERPLATE IN FINISHED FLOOR.
	CEILING MOUNTED DATA OUTLET
	POWER / TELEPHONE POLE
S	FLUSH MOUNTED CEILING COMMUNICATION SYSTEM SPEAKER. SUBSCRIPT, WHEN SHOWN, INDICATES ZONE.
SM	FLUSH CEILING MOUNTED MUSIC SYSTEM SPEAKER.
V	FLUSH MOUNTED COMMUNICATION SYSTEM VOLUME CONTROL 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED. SUBSCRIPT, WHEN SHOWN, INDICATES ZONE.
S	WALL MOUNTED COMMUNICATION SYSTEM SPEAKER 12-INCHES BELOW FINISHED CEILING UNLESS OTHERWISE INDICATED. SUBSCRIPT, WHEN SHOWN, INDICATES ZONE.
S	PROJECTION HORN SPEAKER, MOUNTING AS INDICATED.
	CLOSED CIRCUIT TV CAMERA
CR	FLUSH MOUNTED SECURITY SYSTEM CARD READER MOUNTED 46-INCHES ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
DC	SECURITY SYSTEM DOOR CONTACTS. SUBSCRIPT, WHEN SHOWN, INDICATES ZONE.
GB	GLASS BREAK DETECTOR
KP	FLUSH MOUNTED SECURITY SYSTEM DOOR ACCESS KEYPAD MOUNTED 46"ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED. SUBSCRIPT, WHEN SHOWN, INDICATES SYSTEM.
MD OR MD	SECURITY SYSTEM MOTION SENSOR, SUBSCRIPT, WHEN SHOWN, INDICATES ZONE.
	COMMUNICATIONS SIGNAL CABINET, FLUSH AND SURFACE MOUNTED RESPECTIVELY. DESIGNATION AS INDICATED.

ABBREVIATIONS

– A –

A	AMPERE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE OR GROUND
ARA	AREA OF RESCUE ASSISTANCE
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AWG	AMERICAN WIRE GAUGE

– B –

BAS	BUILDING AUTOMATION SYSTEM
BLDG	BUILDING

– C –

C	CONDUIT
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
cd	CANDELA RATING
CKT	CIRCUIT
CLG	CEILING
CO	CONDUIT ONLY
COMM	COMMUNICATION
CU	COPPER

– D –

DB	DISTRIBUTION BOARD
dBA	DECIBEL LEVEL
DEG	DEGREE
DISC	DISCONNECT
DN	DOWN
DP	DISTRIBUTION PANEL BOARD
DWG	DWG

– E –

EA	EACH
EC	ELECTRICAL CONTRACTOR
EDF	ELECTRICAL DRINKING FOUNTAIN
ELEC	ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY (BATTERY BACKUP)
EMT	ELECTRICAL METALLIC TUBING
EQ	EQUIPMENT
EX	EXISTING
ER	EXISTING TO BE REMOVED
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER

– F –

F (DEG)	DEGREE FAHRENHEIT
F	FUSE
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FIXT	FIXTURE
FLR	FLOOR
FLEX	FLEXIBLE
FLUOR	FLUORESCENT
FMC	FLEXIBLE METALLIC CONDUIT
FT	FOOT OR FEET
FTU	FAN TERMINAL UNIT

– G –

G, GND	GROUND
GC	GENERAL CONTRACTOR
GF,GFI	GROUND FAULT INTERRUPT

– H –

HID	HIGH INTENSITY DISCHARGE
HP	HORSEPOWER
HZ	HERTZ

– I –

IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
IMC	INTERMEDIATE METALLIC CONDUIT
INCAND	INCANDESCENT
IR	IMPACT RESISTANT

– J –

JB	JUNCTION BOX

– K –

KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT

– L –

LC	LIGHTING CONTACTOR
LFMC	LIQUIDTIGHT FMC
LTG	LIGHTING

– M –

MAX	MAXIMUM
MC	METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCM	THOUSAND CIRCULAR MILS
MECH	MECHANICAL
MI	MINERAL INSULATED CABLE
MIN	MINIMUM
MTD	MOUNTED

– N –

N	NEUTRAL
NC	NORMALLY CLOSED
NL	NIGHT LIGHT
NTS	NOT TO SCALE

– P –

P	POLE
PB	PULL BOX
PC	PHOTOCELL
PH	PHASE
PNL	PANEL
PWR	POWER

– R –

R	RELOCATED
RE	EXISTING TO BE REMOVED
RECPT	RECEPTACLE
REQ	REQUIRED
RFL	RAISED FLOOR
RM	ROOM
RMC	RIGID METALLIC CONDUIT
RSC	RIGID GALVANIZED STEEL CONDUIT
RNC	RIGID NON-METALLIC CONDUIT

– S –

SCHED	SCHEDULE
SD	SMOKE DETECTOR
SECT	SECTION
SP	SINGLE POLE
SN	SOLID NEUTRAL
SPEC	SPECIFICATION(S)
SPKR	SPEAKER
S/T	SHUNT TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SYS	SYSTEMS

– T –

T	TAMPERPROOF
TBB	TELECOMMUNICATIONS BACKBOARD
TC	TELECOMM CLOSET
TEL	TELEPHONE
TELCOMM	TELECOMMUNICATION
TER	TELCOMM EQUIPMENT ROOM
TRANSF	TRANSFORMER
TTB	TELEPHONE TERMINAL BACKBOARD
TVSS	TRANSIENT VOLT SURGE SUPRESSION
TYP	TYPICAL

– U –

U/G	UNDERGROUND
UH	UNIT HEATER
UNF	UNFUSED
UON	UNLESS OTHERWISE NOTED

– V –

V	VOLT OR VOLTAGE
VA	VOLT AMPERE
VAV	VARIABLE AIR VOLUME BOX
VFD	VARIABLE FREQUENCY DRIVE
VM	VOLTMETER
VP	VAPORPROOF

– W –

W	WATT
WP	WEATHERPROOF

– X –

XFMR	TRANSFORMER

FIRE ALARM PERMIT NOTES

FIRE ALARM CONTRACTOR SHALL PROVIDE AND SUBMIT FIRE ALARM SAFETY CONSTRUCTION DOCUMENTS FOR ALL AGENCY PLAN CHECK REQUIREMENTS. APPROVAL SHALL BE OBTAINED PRIOR TO THE INSTALLATION OF THE SYSTEM. INTERCONNECTING WIRING AND CONDUIT SIZES ARE NOT INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING RACEWAY, WIRING PLANS, VOLTAGE DROP CALCULATION AND COMPLETE ONE LINE DIAGRAM OF THE SYSTEM.

CONTRACTOR SHALL PROVIDE AS PART OF FIRE ALARM SYSTEM:

- CONSTRUCTION DOCUMENT AND SHOP DRAWINGS.
- UPGRADE EXISTING FIRE ALARM SYSTEM TO PROVIDE ADEQUATE BATTERY FOR ALL STROBE CONNECTION AS REQUIRED.
- SUBMIT AND SECURE FIRE MARSHALL APPROVAL.

BRANCH CIRCUIT VOLTAGE DROP (3%)

The Contractor shall provide minimum sized branch circuit conductors per the table below

Conductor size (AWG)	Branch Circuit OCD (Amps)	Circuit Voltage			
		120	208	240	277
		Maximum Allowable Length (ft)			
#12	15	82	142	164	189
#10	15	135	235	271	313
#8	15	205	356	411	474
#12	20	61	107	123	142
#10	20	102	176	203	234
#8	20	154	267	308	356
#10	30	103	178	205	237
#8	30	160	277	320	369

Notes:

1. Assuming single phase circuit, 90% power factor, uncoated copper conductors in steel raceway from NEC Chapter 9, Table 9.
2. Assuming load equal to 80% of OCD rating is concentrated at the end of the circuit.
3. Longer branch circuit lengths shall be allowed when the circuit load is known and the Contractor has provided a voltage drop calculation. The calculation results shall be marked on the As-Built plans.

ELECTRICAL SYSTEM AND EQUIPMENT

METHOD OF COMPLIANCE: ☐ NO CHANGE TO BUILDING SYSTEM
■ PRESCRIPTIVE ☐ PERFORMANCE ☐ ENERGY COST BUDGET

LIGHTING SCHEDULE

LAMP TYPE REQUIRED IN FIXTURE	REFER TO LUMINAIRE SCHEDULE
NUMBER OF LAMPS IN FIXTURE	REFER TO LUMINAIRE SCHEDULE
BALLAST TYPE USED IN FIXTURE	REFER TO LUMINAIRE SCHEDULE
NUMBER OF BALLAST IN FIXTURE	REFER TO LUMINAIRE SCHEDULE
TOTAL WATTS PER FIXTURE	REFER TO LUMINAIRE SCHEDULE
TOTAL INTERIOR WATTS SPECIFIED VS ALLOWED	30,498 / 32,109
MINIMUM EXTERIOR SOURCE EFFICACY SPECIFIED VS ALLOWED	N/A

EQUIPMENT SCHEDULES WITH MOTORS (NOT USED FOR MECHANICAL SYSTEM)

MOTOR HORSEPOWER	REFER TO EQUIPMENT CONNECTION SCHEDULE
NUMBER OF PHASES	REFER TO EQUIPMENT CONNECTION SCHEDULE
MINIMUM EFFICIENCY	REFER TO EQUIPMENT CONNECTION SCHEDULE
MOTOR TYPE	REFER TO EQUIPMENT CONNECTION SCHEDULE
NUMBER OF POLES	REFER TO EQUIPMENT CONNECTION SCHEDULE

GENERAL NOTES

1. ALL SYMBOLS SHOWN ON THE SYMBOL LEGEND ARE NOT NECESSARILY USED ON THIS PROJECT. ALL WORK SHALL BE IN ACCORDANCE WITH, BUT NOT LIMITED TO, THE CURRENT VERSION OF THE NATIONAL ELECTRICAL CODE AND THE LOCAL AUTHORITIES HAVING JURISDICTION.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND FEES REQUIRED FOR INSTALLATION OF THE ELECTRICAL WORK. FURNISH FINAL CERIFICATE OF INSPECTION OR WRITTEN EVIDENCE OF ACCEPTANCE BY INSPECTION OF THE AUTORITIES FOR ALL WORK INSTALLED.
3. BEFORE STARTING ANY WORK, THE CONTRACTOR SHALL EXAMINE THE COMPLETE SET OF DRAWINGS FOR ALL TRADES, INCLUDING ARCHITECTURAL, HVAC, PLUMBING, FIRE PROTECTION AND ANY OTHER SPECIAL SYSTEMS. VERIFY ALL DIMENSIONAL SPACE REQUIREMENTS AND POINTS OF CONNECTION TO ALL EQUIPMENT. MAKE ANY MINOR ADJUSTMENTS NECESSARY TO AVOID CONFLICTS WITH THE BUILDING STRUCTURE AND THE WORK OF OTHER TRADES.
4. THE DRAWINGS INDICATE, IN A DIAGRAMMATIC MANNER, THE DESIRED LOCATIONS AND ARRANGEMENT OF THE COMPONENTS OF THE ELECTRICAL WORK. DETERMINE THE EXACT CONDUIT ROUTING, CONDUIT BENDS, AUXILIARY JUNCTION BOXES, SUPPORTS AND UNDEFINED CONSTRUCTION DETIALS AS A JOB CONDITION TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES.
5. ALL ELECTRICAL MATERIALS SHALL BE NEW AND BARE THE UNDERWRITERS LABORATORY LABEL.
6. FOR EXACT LOCATIONS OF RECEP

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURERS	CATALOG INFORMATION	LAMP DATA NO	LAMP DATA TYPE	BALLAST DATA NO	BALLAST DATA TYPE	INPUT WATTS	VOLTAGE	MOUNTING	FIXTURE DESCRIPTION	REMARKS
B1	LITHONIA (PARAMAX)	2PM3-*-B3/17-9ND -**-GEB10RS-PAF	3	T8/4100K/17W	2	ELECTRONIC	56		RECESSED	2X2 FLOURESCENT PARABOLIC TROFFER W/3-T8 (17W) / 3" DEEP LOUVERS NON-IRIDESCENT DIFFUSE SILVER FINISH PAINTED AFTER FABRICATION	*-REVIEW ARCH PLANS FOR TRIM REQUIREMENT **-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "EL" OPTION WHEN SHOWN AS EMERGENCY
B3	LITHONIA (PARAMAX)	2PM3-*-B3/32-18ND -**-GEB10RS-PAF	3	T8/4100K/32W	2	ELECTRONIC	106		RECESSED	2X4 FLOURESCENT PARABOLIC TROFFER W/3-T8 (32W) / 3" DEEP LOUVERS NON-IRIDESCENT DIFFUSE SILVER FINISH PAINTED AFTER FABRICATION	*-REVIEW ARCH PLANS FOR TRIM REQUIREMENT **-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "EL" OPTION WHEN SHOWN AS EMERGENCY
C3	LITHONIA	2SP-*-332-A12125 -**-GEB10RS-PAF	3	T8/4100K/32W	2	ELECTRONIC	106		RECESSED	2X4 FLOURESCENT TROFFER W/3-T8 / .125" #12 ACRYLIC DIFFUSER FLUSH STEEL WHITE DOOR FRAME PAINTED AFTER FABRICATION	*-REVIEW ARCH PLANS FOR TRIM REQUIREMENT **-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "EL" OPTION WHEN SHOWN AS EMERGENCY
C4	LITHONIA	2SP-*-432-A12125 -**-GEB10RS-PAF	4	T8/4100K/32W	2	ELECTRONIC	142		RECESSED	2X4 FLOURESCENT TROFFER W/4-T8 / .125" #12 ACRYLIC DIFFUSER FLUSH STEEL WHITE DOOR FRAME PAINTED AFTER FABRICATION	*-REVIEW ARCH PLANS FOR TRIM REQUIREMENT **-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "EL" OPTION WHEN SHOWN AS EMERGENCY
C5	LITHONIA	2WRT-*-432-A12125 -**-GEB10RS	4	T8/4100K/32W	2	ELECTRONIC	142		RECESSED	2X4 GASKETED FLOURESCENT TROFFER W/4-T8 / .125" #12 ACRYLIC DIFFUSER FLUSH ALUMINUM WHITE DOOR FRAME UL LISTED FOR WET LOCATIONS	*-REVIEW ARCH PLANS FOR TRIM REQUIREMENT **-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "EL6DW" OPTION WHEN SHOWN AS EMERGENCY
D1	LITHONIA	WP-232-DO-*-GEB10 -TPS	2	T8/4100K/32W	1	ELECTRONIC	70		WALL	4-FOOT FLUORESCENT WALL BRACKET W/2-T8 / TAMPER PROOF DIFFUSER	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "EL" OPTION WHEN SHOWN AS EMERGENCY MOUNT 7-FOOT AFF UNLESS NOTED OTHERWISE
D2	LITHONIA	DMW-232-AR-* -GEB10RS-STSL	2	T8/4100K/32W	1	ELECTRONIC	70		SURFACE	ENCLOSED & GASKETED INDUSTRIAL STRIP UL WET LOCATION / 4-FOOT FLUORESCENT STAINLESS STEEL LATCHES HIGH-IMPACT ACRYLIC DIFFUSER	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "EL6DW" OPTION WHEN SHOWN AS EMERGENCY
D7	LITHONIA	WC-217-MVOLT -GEB10PS	2	17WT8	1	ELECTRONIC	35		WALL	2-FOOT FLUORESCENT WALL BRACKET W/2-T8 / WHITE OPAL ACRYLIC DIFFUSER	MOUNT 7-FOOT AFF OR DIRECTLY ABOVE MIRROR (IF APPLICABLE) UNLESS NOTED OTHERWISE
E1	LITHONIA (AFFINITY)	AFN-*-EXT	2	XENON/6W			21		WALL	DIE CAST EXTERNAL EMERGENCY LIGHT UL LISTED FOR WET LOCATIONS & COLD WEATHER / HIGH TEMP NI-CAD BATTERY SELF DIAGNOSTICS	MOUNT FIXTURES AT 8 1/2 FEET AFF UNLESS NOTED OTHERWISE *COLOR BY ARCHITECT CONNECT TO NEAREST LIGHTING CIRCUIT
E2	LITHONIA (QUANTUM)	ELM2-SD	2	KRYPTON/5.4W			1.2		WALL	THERMOPLASTIC EMERGENCY LIGHT LEAD-CALCIUM BATTERY SELF DIAGNOSTICS	MOUNT FIXTURES AT 7 1/2 FEET AFF UNLESS NOTED OTHERWISE CONNECT TO NEAREST LIGHTING CIRCUIT
F1	PORTFOLIO	C6142 -EDR32 -6150L1	2		1	ELECTRONIC	42		RECESSED	RECESSED COMPACT FLUORESCENT CAN FIXTURE	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY
F1D	PORTFOLIO	C6142 -EDR32 -6150L1	2		1	ELECTRONIC	42		RECESSED	RECESSED COMPACT FLUORESCENT CAN FIXTURE DIMMABLE FLUORESCENT BALLAST	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY
F2	LITHONIA (GOTHAM)	AF-2/32TRT-8MB-* -GEB10	2	TRT/32W	1	ELECTRONIC	65		RECESSED	RECESSED COMPACT FLUORESCENT CAN FIXTURE HORIZONTAL TRIPLE TUBE BULBS (2/32W) 8" OPEN REFLECTOR / CLEAR TRIM SPECULAR LOW IRIDESCENT FINISH	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY ADD "2W5" WHEN SHOWN WITH DIMMER ADD "DS" WHEN SHOWN AS DUAL SWITCHED ADD "ELSD" WHEN SHOWN AS EMERGENCY
F5	LITHONIA	DECO HALF ROUND 11956	2	TT/13W	1	ELECTRONIC	30		WALL	DECORATIVE COMPACT FLUORESCENT WALL SCONCE ADA COMPLIANT ELECTRONIC BALLAST	MOUNT AT 7 1/2 FEET UNLESS NOTED OTHERWISE
FW	PORTFOLIO	C6142 -E -6110L1	2		1	ELECTRONIC	42		RECESSED	RECESSED COMPACT FLUORESCENT CAN FIXTURE WALL WASHER	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY
H1	LITHONIA (GOTHAM)	AH-100M-BAR -CGL-*-HEB-WL	1	MH/100W/COAT	1	ELECTRONIC	110		RECESSED	RECESSED 8" HID CAN FIXTURE CLEAR TRIM / CLEAR GLASS LENS UL LISTED FOR WET LOCATIONS 100W MH LAMP	MINIMUM OF 25% OF FIXTURES TO HAVE "QRS" OPTION (DISTRIBUTED EVENLY) *-VOLTAGE AS REQUIRED / SEE CIRCUITRY
P3	LITHONIA (POLE PART NUMBER)	KSF2-400M-R3-* -RP09-**-PERSCX -CR-DF-*** SSS25-9B-DM**-***	1	MH/400W	1	MAGNETIC	444		AS NOTED	400W MH ARCHITECTURAL POLE LIGHT IES TYPE R3 DISTRIBUTION / WITH TENON MOUNTED ON 25 FOOT POLE WITH 3 FOOT BASE SEE POLE LIGHT DETAIL IN DETAIL SECTION	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY **-PROVIDE NECESSARY HARDWARE FOR FIXTURE CONFIGURATION SHOWN WITH SYMBOL ***-COLOR TO BE CHOSEN BY ARCHITECT
P4	LITHONIA	TFL-400M-RA2-*-DF -CR-PERSC-UV- FTS-1M-**	1	MH/400W	1	MAGNETIC	455		AS NOTED	400W MH POLE TOP MOUNT FLOODLIGHT WITH INTEGRAL SLIPFITTER AND UPPER VISOR SHIELD SEE POLE LIGHT DETAIL IN DETAIL SECTION	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY **-COLOR TO BE CHOSEN BY ARCHITECT PROVIDE NECESSARY HARDWARE FOR FIXTURE CONFIGURATION SHOWN WITH SYMBOL
S1	LITHONIA (CONTOUR)	TFM-175M-RB-*-CR -PE-YK-TFMFV	1	MH/175W	1	MAGNETIC	194		AS NOTED	GROUND MOUNTED 175W MH FLOOD LIGHT FOR LIGHTING FLAG POLES CORROSION RESISTANT / YOKE MOUNT SUPPLIED WITH FULL VISOR	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY PROVIDE NECESSARY HARDWARE FOR FIXTURE CONFIGURATION SHOWN WITH SYMBOL SEE DETAIL SECTION FOR MOUNTING DETAIL
W1	LITHONIA	WSR-175M-WTU -*-CR-UCS -PE-QRS-**	1	MH/175W	1	MAGNETIC	195		WALL	DECORATIVE WALLPACK (175W MH) UL LISTED FOR WET LOCATIONS INTEGRAL PHOTO CELL / 10% UPLIGHT	*-VOLTAGE AS REQUIRED / SEE CIRCUITRY **-COLOR TO BE CHOSEN BY ARCHITECT MOUNT AT 12 FEET UNLESS NOTED OTHERWISE
X1	LITHONIA (PRECISE)	LRP-W-*-RC/MR-** -120/277-ELN		LED			4		SURFACE	EDGE-LIT LED EXIT SIGNS NICKEL-CADMIUM BATTERY	*-SINGLE/DOUBLE FACE INDICATED BY SYMBOL **-CHEVRONS INDICATED ON SYMBOL (ARROWS) MOUNTING INDICATED BY SYMBOL TYPE CONNECT TO NEAREST LIGHTING CIRCUIT
Z1	HUBBELL	VWX-151 / VCG-15 VCGP-100	1	A21/150W			150		SURFACE	WALL MOUNT 150W INCANDESCENT CAST ALUMINUM / TEMPERED CLEAR GLASS GASKETED / CAST GLOBE GAURD CORROSION RESISTANT	PROVIDE ALL NECESSARY HARDWARE FOR WALL MOUNTED INSTALLATION
3 Z2	TUBE LIGHTING PRODUCTS	DSHWL-HO -24V-W31		LED					AS NOTED	LED STRAND LIGHTS 2.3 WATS PER FOOT 24 VDC STRANDS MOUNTED IN COVES	LENGTH AND NUMBERS OF SPOOLS AS REQUIRED
Z5	REFER TO HAMPTON STANDARD FOR FIXTURE DEFINITION	REFER TO HAMPTON STANDARD FOR FIXTURE DEFINITION					100		AS NOTED	CONTRACTOR TO PROVIDE $750 ALLOWANCE FOR DECORATIVE FIXTURE TO BE CHOSEN BY OWNER OR ARCHITECT. CONTRACTOR TO INSTALL SELECTED FIXTURE.	SEE CIRCUITRY FOR VOLTAGE REQUIREMENT. MAXIMUM WATTAGE OF FIXTURE TO BE 100W. MOUNTING AS REQUIRED.
Z9	REFER TO HAMPTON STANDARD FOR FIXTURE DEFINITION	REFER TO HAMPTON STANDARD FOR FIXTURE DEFINITION					75		AS NOTED	CONTRACTOR TO PROVIDE $750 ALLOWANCE FOR DECORATIVE FIXTURE TO BE CHOSEN BY OWNER OR ARCHITECT. CONTRACTOR TO INSTALL SELECTED FIXTURE.	SEE CIRCUITRY FOR VOLTAGE REQUIREMENT. MAXIMUM WATTAGE OF FIXTURE TO BE 75W. MOUNTING AS REQUIRED.
Z10	FLIGHTLIGHT	FL-810LED -120A-DB-3-P					20		AS NOTED	FAA OBSTRUCTION LIGHT INSTALL IN ACCORDANCE WITH FAA CIRCULAR 70/7460-1 K CHANGE 2: CHAPTERS 4, 5(RED) AND 12.	STANCHION MOUNT CONTRACTOR REQUIRED TO SUBMIT FAA FORM 7460-2 WITHIN 5 DAYS OF GREATEST HIGH IN CONSTRUCTION ACHIEVED.

1S1

BUS NUMBER: 181 — AMPERE RATING: 225 — VOLTAGE (L-L): 208 — PHASE: 3
SERVED FROM: MSB — MAIN TYPE: MAIN LUGS ONLY — VOLTAGE (L-N): 120 — WIRE: 4
MOUNTING: SURFACE — LUG OPTIONS: — MIN. KAIC: 35
REMARKS: SEE DETAIL 4/E6.3 FOR CONTACTOR INFO

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE	CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE
G 1	20	1	PYLON SIGN	M	0.75	1 2	10	12	3/4	2	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
G 3	20	1	MONUMENT SIGN	M	0.75	1 2	10	12	3/4	4				L	1.35				
5	20	1	LIGHTS - FLAG POLES	L	0.60	1 2	10	12	3/4	6	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
7	20	1	LIGHTS - CANOPY	L	0.99	1 2	12	12	1/2	8				L	1.35				
9	20	1	POWER - EXT SHED	N	1.00	1 2	10	12	3/4	10	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
11	20	1	POWER - EXT SHED	N	1.00	1 2	10	12	3/4	12				L	1.35				
2 13	20	1	LIGHTS - COLUMNS	L	0.50	1 2	10	12	3/4	14	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
3 15	20	1	LIGHTS - CANOPY	L	0.30	1 2	10	12	3/4	16				L	1.35				
17	20	1	LIGHTS - ROOF LED	L	1.00	1 2	10	12	3/4	18	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
19		1	SPACE ONLY							20				L	1.35				
21		1	SPACE ONLY							22	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
23		1	SPACE ONLY							24				L	1.35				
25		1	SPACE ONLY							26	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
27		1	SPACE ONLY							28				L	1.35				
29		1	SPACE ONLY							30	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
31	20	2	BUILDING SIGNAGE	M	0.75	1 2	12	12	1/2	32				L	1.35				
				M	0.75					34	20	1	SITE POLE LIGHTS	L	1.35	1 2	8	10	1
35	20	2	BUILDING SIGNAGE	M	0.75	1 2	12	12	1/2	36				L	1.35				
				M	0.75					38	20	1	BUILDING SIGNAGE	M	0.50	1 2	12	12	1/2
39	20	2	BUILDING SIGNAGE	M	0.75	1 2	12	12	1/2	40	20	1	BUILDING SIGNAGE	M	0.50	1 2	12	12	1/2
				M	0.75					42	20	1	BUILDING SIGNAGE	M	0.50	1 2	12	12	1/2

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X NEC ART. 220 FEEDER SIZING FACTOR	= NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00	0.00	0.00
B - HOTEL/MOTEL LIGHTING	0.00	0.00	0.00
C - SPACE COOLING*	0.00	0.00	0.00
D - OTHER HVAC LOADS	0.00	0.00	0.00
H - SPACE HEATING*	0.00	0.00	0.00
K - KITCHEN APPLIANCES	0.00	0.00	0.00
L - GENERAL LIGHTING	27.69	1.25	34.61
M - MISC. CONTINUOUS	7.50	1.25	9.37
N - MISC. NONCONTINUOUS	2.00	1.00	2.00
R - RECEPTACLES	0.00	0.00	0.00
W - WAREHOUSE LIGHTING	0.00	0.00	0.00
LARGEST MOTOR**	0.10	0.25	0.02
	37.19		46.01

PHASE BALANCE (% OF TOTAL LOAD) A: 99.6 % B: 98.1 % C: 102.5 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 127.7 A.
X LARGEST UNBALANCED PHASE %: x 1.02
TOTAL: 131.0 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 153.5 A.

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 175 A. — MIN. NEC ART. 220 FEEDER SIZE:

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F - BREAKER TO BE ARC FAULT TYPE
G - BREAKER TO BE GFI TYPE
O - BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S - BREAKER TO BE SHUNT TRIP TYPE

LIGHT FIXTURE GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE SUITABLE TRIM AND APPURTENANCES TO MOUNT FIXTURES IN TYPE OF CEILING OR WALL AS SPECIFIED BY ARCHITECTURAL FINISH SCHEDULES REGARDLESS OF CATALOG NUMBER GIVEN. CONTRACTOR SHALL VERIFY REQUIRED FIXTURE INSTALLATION APPENDAGES PRIOR TO ORDERING FIXTURES.
2. ALL FIXTURES SHALL BE SUPPORTED FROM THE STRUCTURE AS STATED IN THE SPECIFICATIONS OR AS APPROVED BY THE ENGINEER.
3. ALL FLUORESCENT FIXTURES SHALL BE EQUIPPED WITH ELECTRONIC BALLAST HAVING A MIN. BALLAST FACTOR OF .91 AND THD LESS THAN 10% WITH SYLVANIA OCTRON 41K LAMPS, OR EQUIVALENT UNLESS NOTED OTHERWISE.
4. ALL FLUORESCENT TROFFERS SHALL BE EQUIPPED WITH ONE DUAL TAP BALLAST OR DUAL BALLAST PROVIDING THE ABILITY TO SWITCH INBOARD AND OUTBOARD LAMPING IN EACH FIXTURE OR VIA TANDEM WIRING WHERE MULTIPLE LEVEL LIGHTING IS INDICATED BY SWITCHING ON PLANS.
5. LIGHTING FIXTURES, AS SPECIFIED, HAVE BEEN SO SELECTED TO ACHIEVE REQUIRED/DESIRED FOOT CANDLE LEVELS OF ILLUMINATION IN THEIR RESPECTIVE AREA, THEREFORE, SPECIFIC FIXTURE CHARACTERISTICS WHICH MAY CREATE PARTICULAR ILLUMINATION RESULTS ARE ESSENTIAL. ANY DEVIATIONS FROM SPECIFIED FIXTURES SHALL REQUIRE THE SUBMITTING AGENT OR CONTRACTOR TO PROVIDE PROOF THAT SUCH SUBSTITUTIONS WILL PROVIDE THE EXACT LIGHTING RESULT INTENDED BY THE DESIGN.
6. ALL RECESSED FIXTURES INSTALLED IN CEILINGS, INDICATED BY ARCHITECT AS HAVING INSULATION INSTALLED OVER CEILING AND FIXTURES, SHALL BE U.L. RATED FOR DIRECT CONTACT WITH INSULATION. VERIFY WITH ARCHITECTURAL PLANS.
7. ALL RECESSED FIXTURES INSTALLED IN FIRE RATED CEILINGS SHALL BE INSTALLED WITH AN APPROVED TENT ENCLOSURE BY G.C., OR BE U.L. RATED FOR USE IN FIRE RATED CEILINGS. VERIFY WITH ARCHITECTURAL PLANS.
8. ELECTRICAL CONTRACTOR SHALL VERIFY LIGHTING FIXTURE REQUIREMENTS AGAINST ARCHITECTURAL PLANS WITH SPECIFICS TO, BUT NOT LIMITED TO, CUSTOM ARCHITECTURAL SOFFITS IF SO SHOWN ON ANY PLANS.
9. WHERE MULTIPLE VENDORS ARE SPECIFIED FOR A SPECIFIC FIXTURE TYPE, SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS THE PROPOSED SUBSTITUTIONS ARE APPROVED IN WRITING BY THE ENGINEER PRIOR TO THE BID DATE.
10. EACH CONTINUOUS RUN OF SUSPENDED FLUORESCENT FIXTURES SHALL BE CONNECTED VIA A SINGLE POINT FEED.
11. ALL INCANDESCENT LAMPS SHALL BE 130V.
12. ALL FIXTURES MOUNTED OVER FOOD SERVING OR PREPARATION AREAS SHALL BE COMPLETELY LENSED AND GASKETED OR BE FITTED WITH SHATTER PROOF LAMP ENCLOSURES, PER DIVISION OF ENVIRONMENTAL HEALTH.
13. CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS AND LAYOUT OF LIGHTING FIXTURES.

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REVISIONS		
No.	Date	Description
1	11-5-13	Review Comments
2	11-15-13	Franchise Comments
3	04-10-14	Hilton Update

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Lighting Fixture Schedule & Site Panel "1S1" Schedule

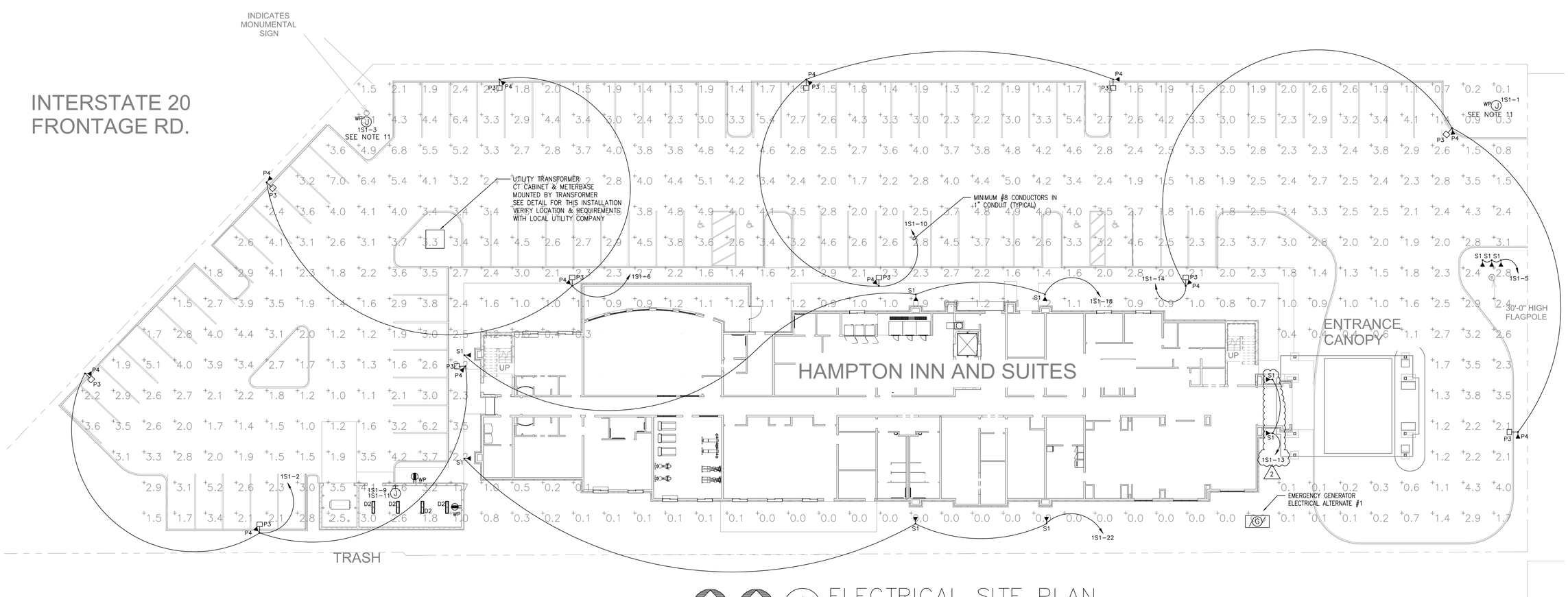
Phase
Construction Documents

Project No. 12-111
Prepared by RSR
Checked by RSR
Date Sept. 16, 2013

Sheet No. E0.2

Released for
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Hampton Inn and Suites



LIGHT POINT-TO-POINT CALCULATION NOW SHOWN
CALCULATED VALUES ARE FROM TYPE "P3" FIXTURES ONLY
TYPE "P4" FIXTURES TO BE ADJUSTED AT TIME OF INSTALLATION
TO INSURE PROPER AND EVEN LIGHTING LEVELS ACROSS PARKING LOT

MAGNETIC NORTH PROJECT NORTH

1 E0.3

ELECTRICAL SITE PLAN

SCALE: 1/16" = 1'

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO ALL STATE, LOCAL AND FEDERAL CODES, INCLUDING THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
2. RUN ALL LIGHTING AND OUTDOOR CIRCUITS FROM PANEL "1S1"
3. VERIFY LOCATION AND TYPES OF ALL FIXTURES WITH ARCHITECT.
4. RUN ALL OUTDOOR LIGHTING THROUGH PHOTOCELL AND CONTROL RELAY "PCR" "PCR" TO HAVE NUMBER OF CONTACTS EQUAL TO NUMBER OF CIRCUITS SEE 4/E6.3 FOR MORE DETAILS.
5. THE CONTRACTOR IS TO, AT HIS OWN EXPENSE, OBTAIN ALL NECESSARY PERMITS, INSPECTIONS, AND LICENSES, ETC. NECESSARY TO COMPLETE THE PROJECT.
6. VERIFY ALL REQUIREMENTS OF TRANSFORMER, CT CABINET, METER BASE, AND SERVICE ENTRANCE WITH THE LOCAL UTILITY COMPANY (SEE DETAIL 4/E6.1).
7. WIRE SIZE SHALL BE #8 CU MINIMUM IN A 1" CONDUIT FOR ALL OUTDOOR LIGHTING CIRCUITS.
8. MOUNT PHOTO CONTROL RELAY IN ELECTRICAL ROOM ON THE FIRST FLOOR WITH PANEL "1S1". MOUNT PHOTO CELL "PE" ON TOP OF BUILDING FACING NORTH.
9. CONTRACTOR TO VERIFY LOCATION OF EXITING PRIMARY POWER FOR CONNECTION FOR NEW SERVICE ENTRANCE. VERIFY RESPONSIBILITY FOR MATERIALS AND LABOR WITH THE LOCAL UTILITY CO.
10. RUN ONE EXTRA SPARE 1" CONDUIT FROM PANEL "1S1" TO OUTSIDE OF BUILDING FOR FUTURE USE. SEE ALSO RISER DIAGRAM FOR OTHER REQUIREMENTS.
11. CONTRACTOR TO PROVIDE AND INSTALL SAFETY DISCONNECT SWITCH AT EACH SIGN LOCATION ACCORDING TO NEC 600.6.
12. PROVIDE AND INSTALL A MANUAL OVERRIDE SWITCH FOR ALL OUTDOOR POLE LIGHTING CIRCUITS. INSTALL OVERRIDE SWITCH IN PARALLEL WITH PHOTOCELL.
13. CONTRACTOR RESPONSIBLE FOR TRANSFORMER PAD. VERIFY REQUIREMENTS WITH LOCAL UTILITY CO.
14. VERIFY LOCATION OF FLAG POLE LIGHTS BEFORE ROUGH-IN.

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KEY PLAN

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Drawing Title
Electrical Site Plan

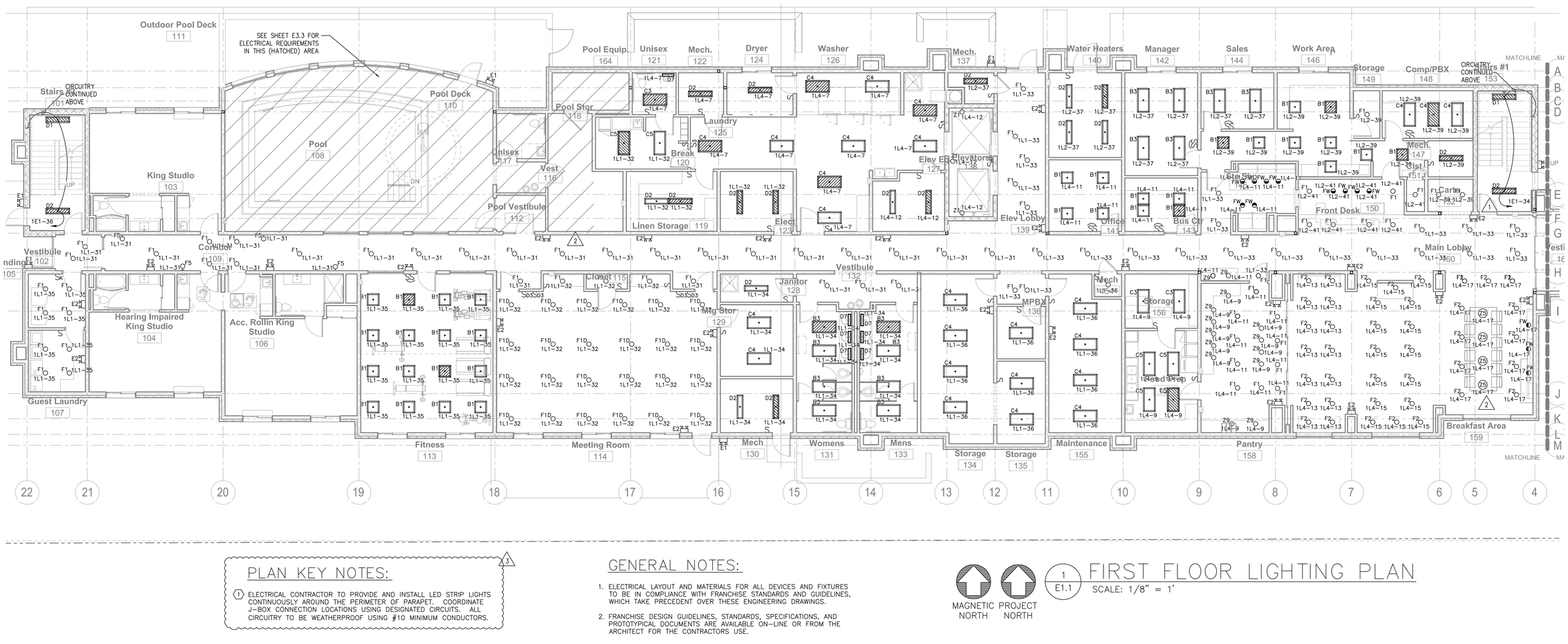
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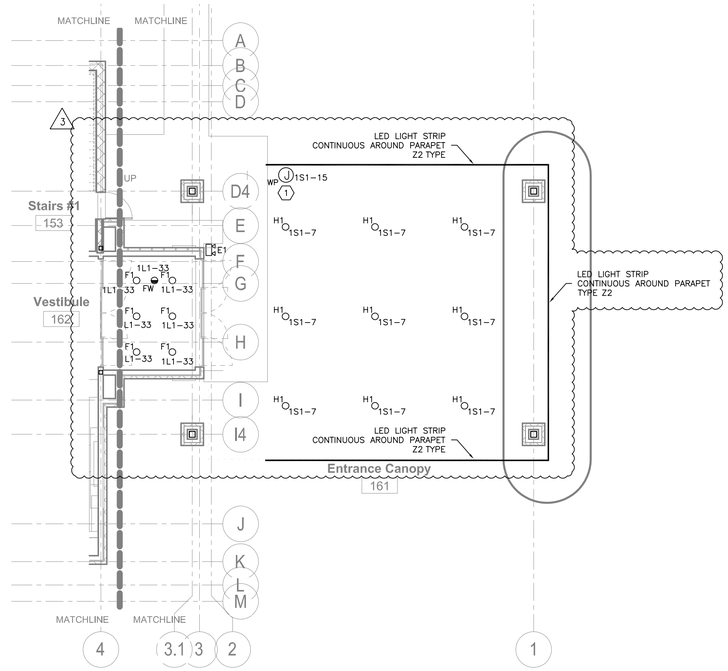
Project No.	12-111
Prepared by	RSR
Checked by	RSR
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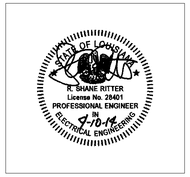
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REVISIONS		
No.	Date	Description
1	11-5-13	Review Comments
2	11-15-13	Franchise Comments
3	04-10-14	Hilton Update

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
First Floor Lighting Plan

Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No.
E1.1

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PLAN KEY NOTES:

3

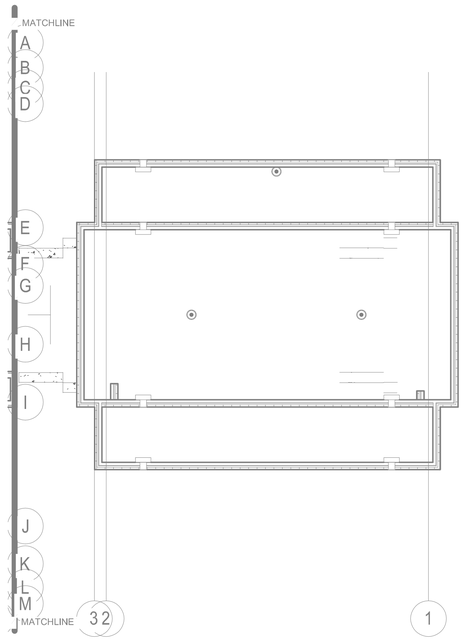
1. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL LED STRIP LIGHTS CONTINUOUSLY AROUND THE PERIMETER OF PARAPET. COORDINATE J-BOX CONNECTION LOCATIONS USING DESIGNATED CIRCUITS. ALL CIRCUITRY TO BE WEATHERPROOF USING #10 MINIMUM CONDUCTORS.

GENERAL NOTES:

1. ELECTRICAL LAYOUT AND MATERIALS FOR ALL DEVICES AND FIXTURES TO BE IN COMPLIANCE WITH FRANCHISE STANDARDS AND GUIDELINES, WHICH TAKE PRECEDENT OVER THESE ENGINEERING DRAWINGS.
2. FRANCHISE DESIGN GUIDELINES, STANDARDS, SPECIFICATIONS, AND PROTOTYPICAL DOCUMENTS ARE AVAILABLE ON-LINE OR FROM THE ARCHITECT FOR THE CONTRACTORS USE.

MAGNETIC NORTH
PROJECT NORTH

1 / E1.1 FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'



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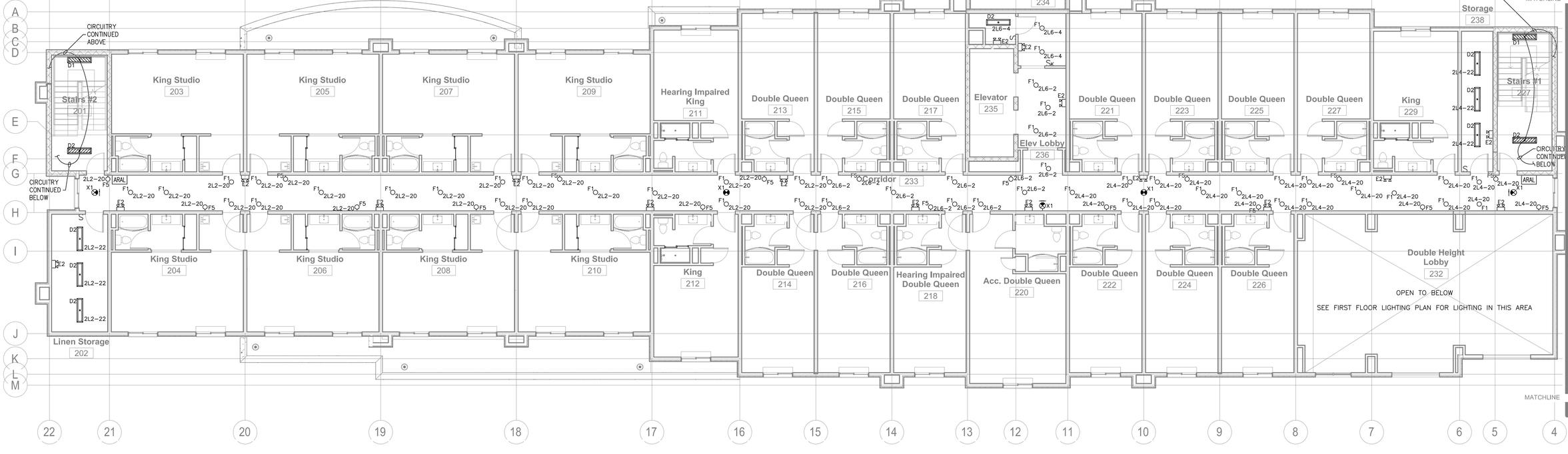
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MAGNETIC NORTH PROJECT NORTH

1 / E1.2 SECOND FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Second Floor Lighting Plan

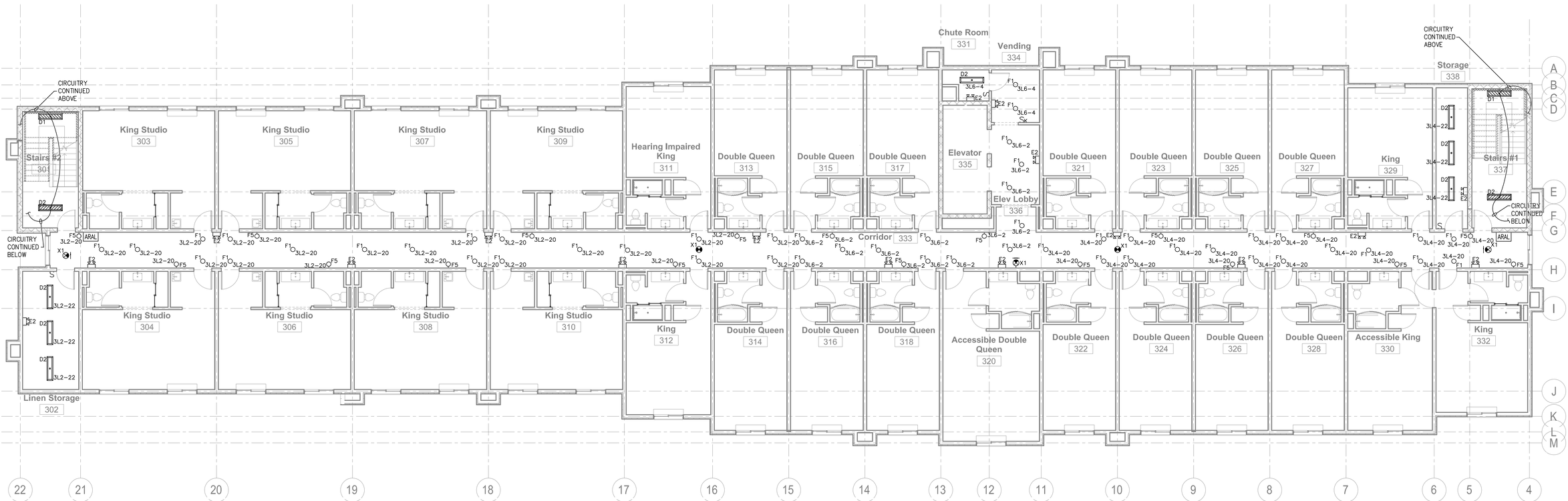
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Prepared by	RSR
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Date	Sept. 16, 2013

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1 / E1.3

THIRD FLOOR LIGHTING PLAN

SCALE: 1/8" = 1'

GENERAL NOTES:

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R. SHANE RITTER
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IN
ELECTRICAL ENGINEERING
9/10/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Third Floor Lighting Plan

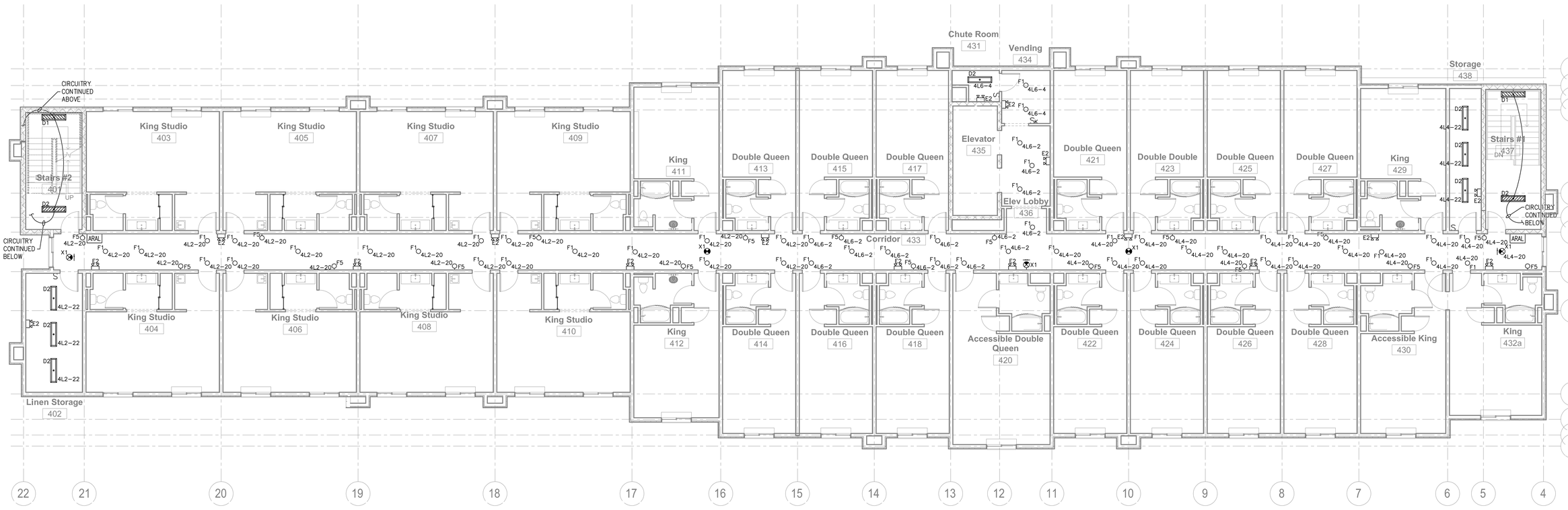
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MAGNETIC NORTH

PROJECT NORTH

1 / E1.4

FOURTH FLOOR LIGHTING PLAN

SCALE: 1/8" = 1'

GENERAL NOTES:

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7/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Fourth Floor Lighting Plan

Phase
Construction Documents

Project No.	12-111
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Date	Sept. 16, 2013

Sheet No.
E1.4

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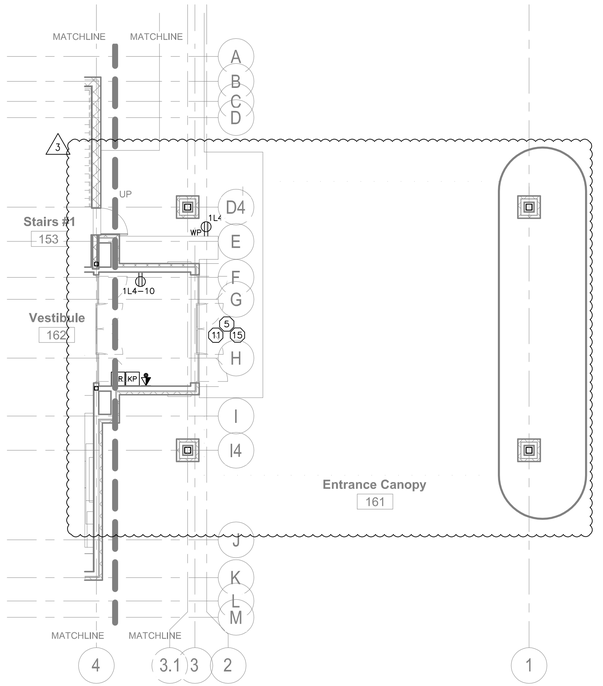
Hampton Inn and Suites

GENERAL NOTES:

1. ALL WORK SHALL COMFORM TO ALL STATE, LOCAL, AND FEDERAL CODES, INCLUDING THE LATEST EDITION OF THE NATIONALL ELECTRICAL CODE AND THE INTERNATIONAL BUILDING CODE.
2. MINIMUM WIRE SIZE SHALL BE #12 CU AWG UNLESS OTHERWISE NOTED.
3. HOME RUNS GREATER THAN 100 FEET SHALL BE #10 CU AWG MINIMUM.
4. ALL CIRCUITRY SHALL BE RUN IN EMT, IMC OR RIGID CONDUIT.
5. CONTRACTOR TO FURNISH AND INSTALL ALL NECESSARY MATERIALS AND LABOR TO INSURE A COMPLETE AND OPERABLE SYSTEM.
6. CONTRACTOR SHALL AT HIS OWN EXPENSE OBTAIN ALL NECESSARY PERMITS INSPECTIONS, LICENSES, ETC. NECESSARY TO COMPLETE THIS PROJECT.
7. PROVIDE WITH FIRE ALARM SYSTEM A DUCT MOUNTED SMOKE DETECTOR IN THE RETURNS OF ALL CENTRAL AIR HANDLING UNITS FOR AHU SHUT DOWN.
8. INSTALL J-BOX AND CIRCUITS AS NECESSARY FOR BUILDING SIGNS AS SHOWN ON THE ARCHITECTURAL PLANS. COORDINATE WITH THE SIGN SUPPLIER AND/OR OWNER FOR LOCATIONS AND REQUIREMENTS. PROVIDE 3 1P/20A BREAKERS AND 3-2P/20A BREAKERS IN PANEL "1S1" FOR THESE SIGNS.
9. ALL CCTV SHOWN IS SCHEMATIC IN DESIGN. VERIFY ALL REQUIREMENTS WITH THE OWNER/ARCHITECT/FRANCHISE BEFORE ROUGH IN.
10. CONTRACTOR TO POWER ALL ELECTRONIC DOOR LOCKS THROUGHOUT FACILITY. SEE ARCHITECTURAL PLANS FOR DOORS TO BE ELECTRONICALLY LOCKED.
11. SPRINKLER FLOW VALVE AND TAMPER SWITCHES TO BE MONITORED BY THE FIRE ALARM CONTROL PANEL. MAKE ALL NECESSARY PROVISIONS AND CONNETIONS.
12. CONTRACTOR TO INSTALL GFI WEATHERPROOF OUTLETS ON ROOF TOP AS NEEDED.
13. CONTRACTOR TO VERIFY EXACT LOCATION OF ALL FLOOR BOXES WITH OWNER/ARCHITECT BEFORE ROUGH-IN.
14. ALL BREAKERS FOR ALL DWELLING UNITS CIRCUITS SHALL BE ARC FAULT INTERRUPT TYPE. TYPICAL FOR ALL FLOORS.

PLAN KEY NOTES

1. ONE (1) 2 1/2" CONDUIT UP TO OCV. AT TOP FLOOR TURN UP 12" AFF, EACH END, AND CAP.
2. TWO (2) 4" CONDUIT OUT TO PROPERTY LINE AS DIRECTED BY LOCAL TELEPHONE COMPANY AND ONE (1) 4" CONDUIT OUT TO PROPERTY LINE AS DIRECTED BY LOCAL CABLE COMPANY.
3. CONNECT FIRE ALARM SYSTEM REMOTE COMMUNICATION CAPABILITIES. VERIFY EXACT REQUIREMENTS.
4. TELEPHONE SYSTEM BACKBOARD, 4'x8'X3/4" PLYWOOD.
5. CONNECT ELECTRIC DOOR STRIKE. INTERFACE WITH RELEASE MECHANISM AT FRONT DESK AND BUILDING LIFE SAFETY SYSTEM. VERIFY EXACT REQUIREMENTS.
6. CONNECT ELEVATOR CAB COMMUNICATION REQUIREMENTS. VERIFY EXACT REQUIREMENTS.
7. PROVIDE GROUNDING PER THE NATIONAL ELECTRICAL CODE, AND IN ACCORDANCE WITH THE POOL/SPA MANUFACTURER;S RECOMMENDATIONS, FOR THE SWIMMING POOL.
8. 66"A.F.F. FOR SECURITY MONITOR AND VCR. VERIFY EXACT REQUIREMENTS.
9. JUNCTION BOX ABOVE CEILING TO SERVE PUBLIC PHONES. COORDINATE WITH LOCAL TELEPHONE COMPANY. VERIFY EXACT LOCATION WITH ARCHITECT.
10. VERIFY LOCATION OF FLOOR OUTLETS WITH ARCHITECT BEFORE ROUGH IN.
11. VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH THE ARCHITECT AND SUPPLIER. THESE DEVICES SHALL DROP OUT ON POWER LOSS OR ALARM.
12. RUN 4 – 3" CONDUITS IN EACH DIRECTION (N,S,E,W), STUB OUTSIDE BUILDING.
13. RUN 1 – 2" CONDUIT FROM THIS LOCATION TO ATTIC FOR SATELLITE.
14. LOCATE CCTV EQUIPMENT & NETWORK COMPUTER IN THIS ROOM.
15. RUN 3/4" CONDUIT TO THIS DOOR FOR ELECTRONIC LOCKING. RUN BACK TO FRONT DESK REGISTRATION AREA. VERIFY WITH ARCHITECT/OWNER.
16. INSTALL GFCI OUTLET AND PIT LIGHT ON SEPERATE CIRCUITS.
17. SMOKE DETECTOR SCHEDULED FOR ELEVATOR RECALL (TYPICAL).
18. CONTRACTOR TO INSTALL TAMPER AND FLOW SWITCH ON SPRINKLER SYSTEM. VERIFY LOCATION WITH SPRINKLER CONTRACTOR.
19. CONTRACTOR TO INSTALL PANIC HARDWARE TO ELECTRICAL ROOM EXTERIOR DOOR TO COMPLY WITH NEC 110.26(C)(2) TO "OPEN UNDER SIMPLE PRESSURE"
20. CONTRACTOR TO INSTALL DEDICATED T1 LINE, AND A MODEM OUTLET IN THIS LOCATION. CONTRACTOR ALSO SHALL INSTALL A FLOOR MOUNTED METAL COMPUTER RACK.



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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
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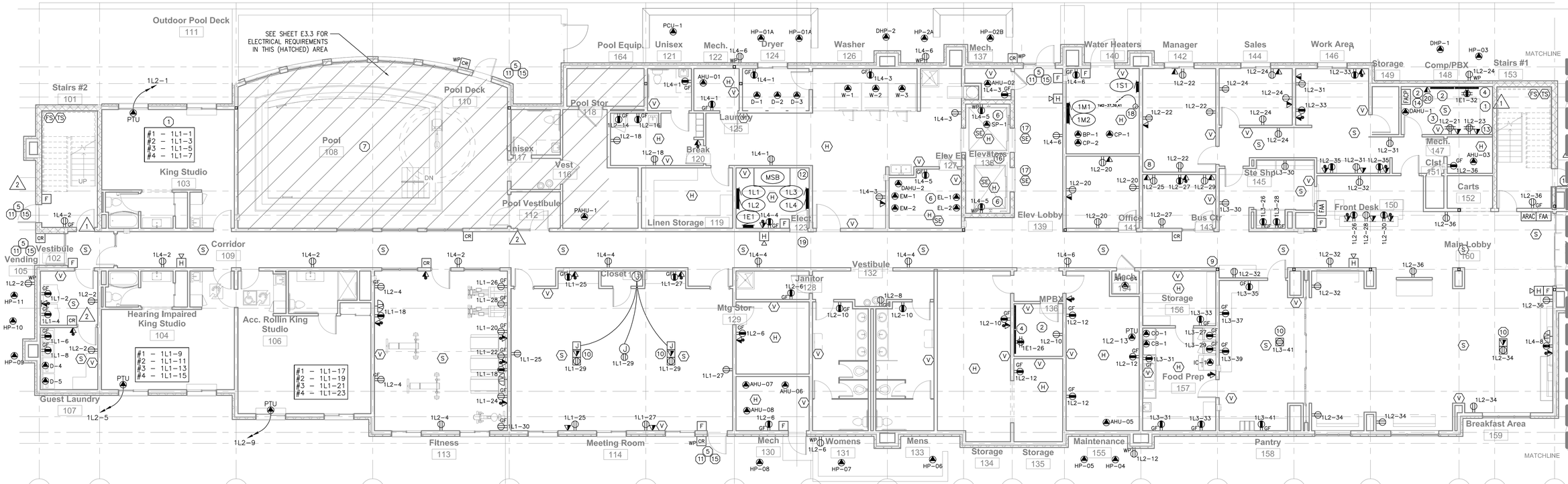
Drawing Title
First Floor Power & Communication Plan

Phase
Construction Documents

Project No.	12-111
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Sheet No. E2.1

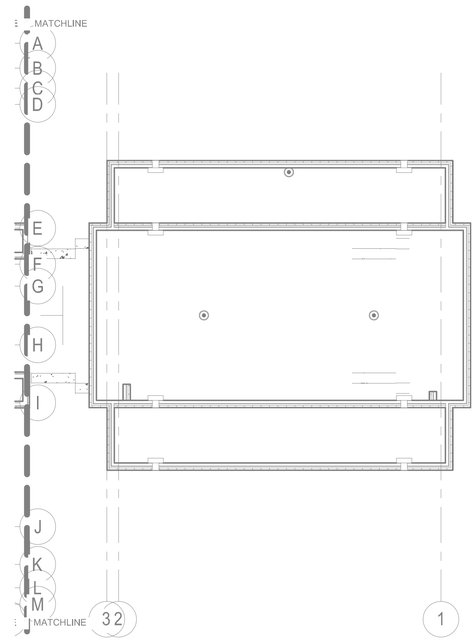
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MAGNETIC NORTH
PROJECT NORTH

1 / E2.1 FIRST FLOOR POWER & COMMUNICATION PLAN
SCALE: 1/8" = 1'

Hampton Inn and Suites



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KEY PLAN

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Hampton Inn and Suites

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Second Floor Power & Communication Plan

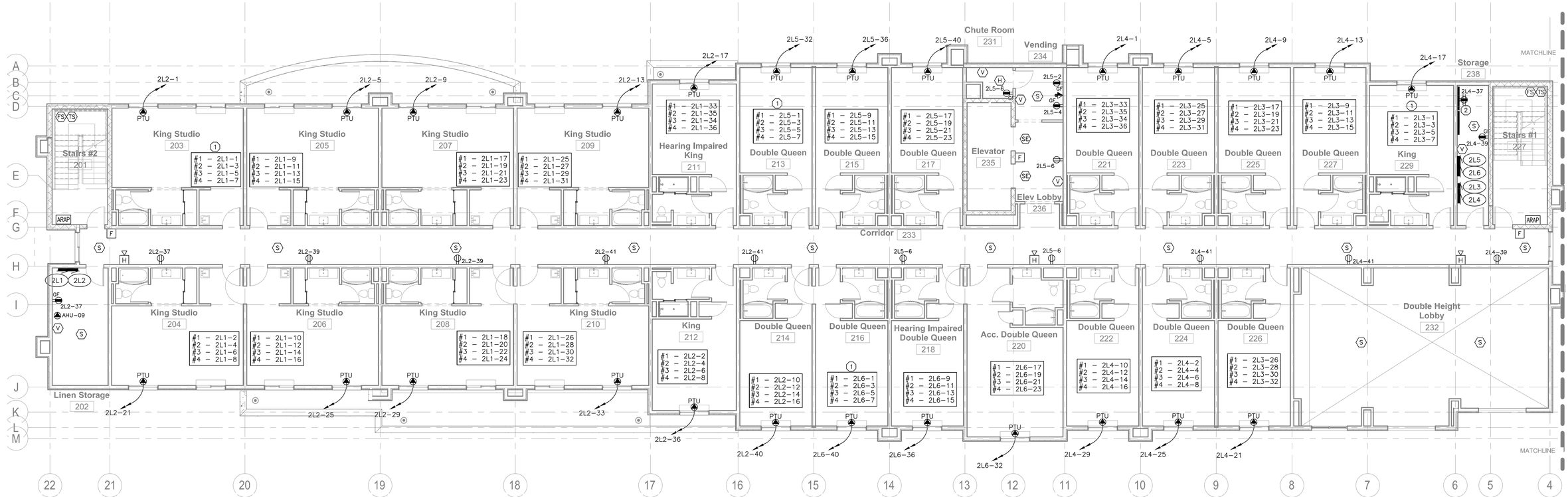
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PLAN KEY NOTES:

1. CIRCUITS SHOWN IN BLOCKS TO BE USED TO DEFINE CIRCUITS USED FOR EACH ROOM AS SHOWN IN TYPICAL ROOM LAYOUTS SHOWN ON E3.1 AND E3.2 (TYPICAL).
2. TWO (2) 4'X8'X3/4" PAINTED BACKBOARD FOR TELECOM AND CATV (SEE COMMUNICATION RISER DIAGRAM).

GENERAL NOTES:

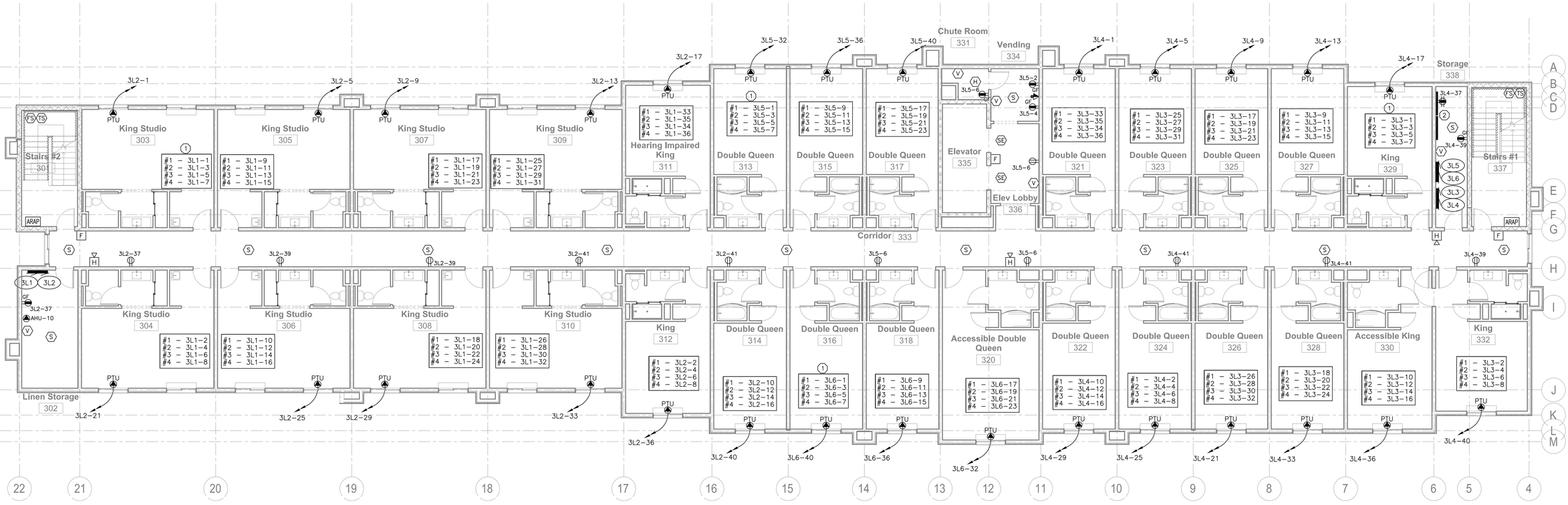
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MAGNETIC NORTH PROJECT NORTH

1 / E2.2

SECOND FLOOR POWER & COMMUNICATION PLAN

SCALE: 1/8" = 1'



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1 / E2.3

THIRD FLOOR POWER & COMMUNICATION PLAN

SCALE: 1/8" = 1'

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Third Floor Power & Communication Plan

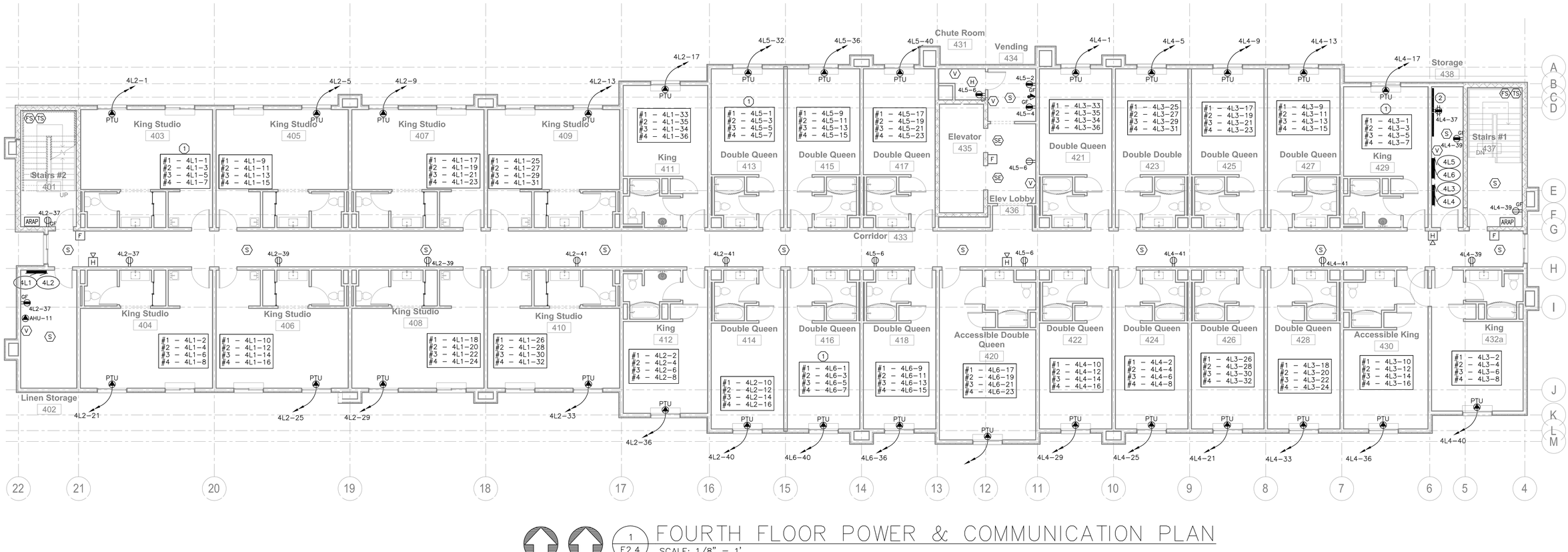
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MAGNETIC NORTH PROJECT NORTH

1 / E2.4 FOURTH FLOOR POWER & COMMUNICATION PLAN

SCALE: 1/8" = 1'

PLAN KEY NOTES:

1. CIRCUITS SHOWN IN BLOCKS TO BE USED TO DEFINE CIRCUITS USED FOR EACH ROOM AS SHOWN IN TYPICAL ROOM LAYOUTS SHOWN ON E3.1 AND E3.2 (TYPICAL).
2. TWO (2) 4'X8'X3/4" PAINTED BACKBOARD FOR TELECOM AND CATV (SEE COMMUNICATION RISER DIAGRAM).

GENERAL NOTES:

1. ELECTRICAL LAYOUT AND MATERIALS FOR ALL DEVICES AND FIXTURES TO BE IN COMPLIANCE WITH FRANCHISE STANDARDS AND GUIDELINES, WHICH TAKE PRECEDENT OVER THESE ENGINEERING DRAWINGS.
2. FRANCHISE DESIGN GUIDELINES, STANDARDS, SPECIFICATIONS, AND PROTOTYPICAL DOCUMENTS ARE AVAILABLE ON-LINE OR FROM THE ARCHITECT FOR THE CONTRACTORS USE.
3. ALL BREAKERS FEEDING 120V 20A CIRCUITS IN ALL GUESTROOMS, DWELLING SPACES, AND APARTMENTS SHALL BE ARC FAULT TYPE BREAKERS.

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REVISIONS		
No.	Date	Description

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R. SHANE RITTER
LICENSE No. 29401
PROFESSIONAL ENGINEER
NORTH CAROLINA
ELECTRICAL ENGINEERING
9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Fourth Floor Power & Communication Plan

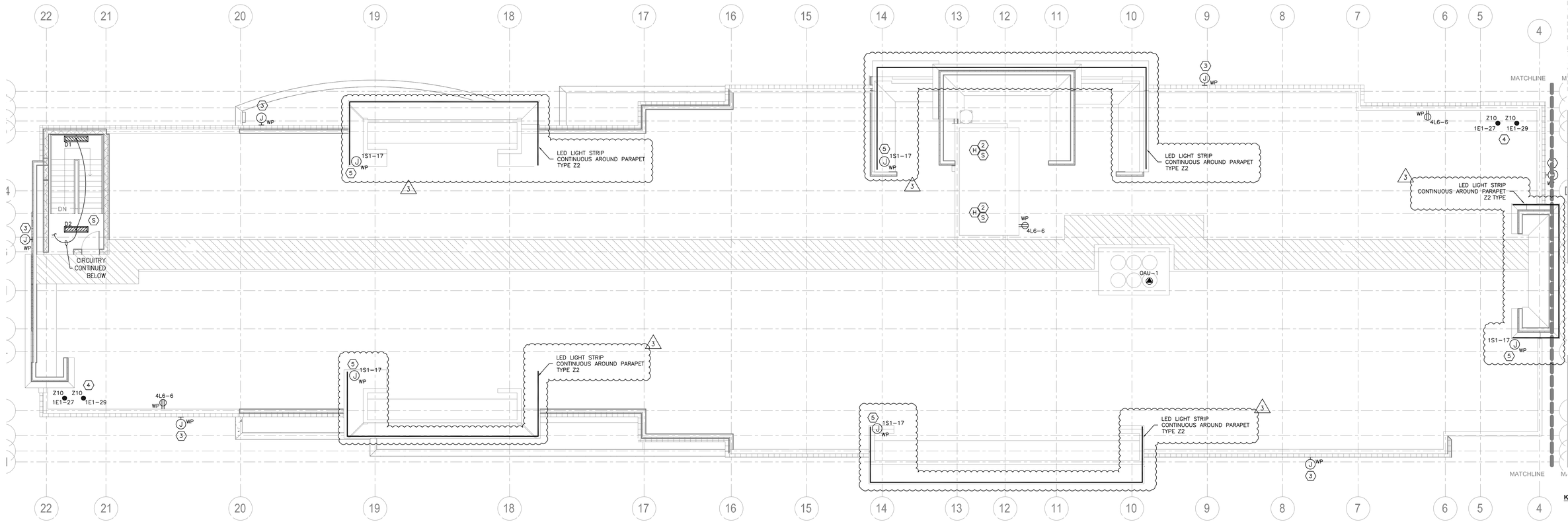
Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No.
E2.4

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Hampton Inn and Suites



ROOF ELECTRICAL PLAN

1 / E2.5

SCALE: 1/8" = 1'

MAGNETIC NORTH

PROJECT NORTH

PLAN KEY NOTES:

1. ALL LIGHT FIXTURES IN ATTIC TO BE SWITCHED BY PILOT LIGHT TYPE SWITCH LOCATED AT THE ATTIC ACCESS LOCATION.
2. SMOKE AND HEAT DETECTORS SHALL BE INSTALLED AT THE TOP OF THE ELEVATOR SHAFT AND CONNECTED TO THE ELEVATOR/SPRINKLER PRE-ACTION SYSTEM AS SHOWN IN DETAIL SECTION.
3. WEATHER PROOF JUNCTION BOX FOR BUILDING SIGNAGE. COORDINATE WITH SIGN SUPPLIER FOR EXACT LOCATION AND REQUIREMENTS. RUN DESIGNATED CIRCUITS IN PANEL "1S1" FOR BUILDING SIGNS AS REQUIRED.
4. CONTRACTOR TO SUPPLY AND INSTALL ALL NECESSARY EQUIPMENT AND LABOR TO COMPLY WITH ALL REQUIREMENTS OF FAA ADVISORY CIRCULAR 70/7460-1 K CHANGE 2 FOR OBSTRUCTION MARKING AND LIGHTING CHAPTERS 4, 5(RED), AND 12. CONTRACTOR SHALL ALSO SUPPLY FAA FORM 7460-2 PART II AS REQUIRED.
5. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL LED STRIP LIGHTS CONTINUOUSLY AROUND THE PERIMETER OF PARAPET. COORDINATE J-BOX CONNECTION LOCATIONS USING DESIGNATED CIRCUITS. ALL CIRCUITRY TO BE WEATHERPROOF USING #10 MINIMUM CONDUCTORS.

GENERAL NOTES:

1. ELECTRICAL LAYOUT AND MATERIALS FOR ALL DEVICES AND FIXTURES TO BE IN COMPLIANCE WITH FRANCHISE STANDARDS AND GUIDELINES, WHICH TAKE PRECEDENT OVER THESE ENGINEERING DRAWINGS.
2. FRANCHISE DESIGN GUIDELINES, STANDARDS, SPECIFICATIONS, AND PROTOTYPICAL DOCUMENTS ARE AVAILABLE ON-LINE OR FROM THE ARCHITECT FOR THE CONTRACTORS USE.
3. MOUNT GENERAL ELECTRICAL OUTLET WITHIN 10 FEET OF HVAC UNIT(S).

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SHANE RITTER
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IN
ELECTRICAL ENGINEERING

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Attic Electrical Plan

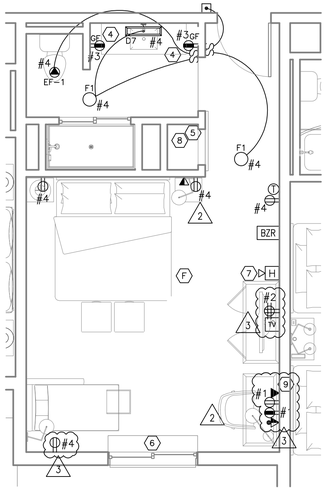
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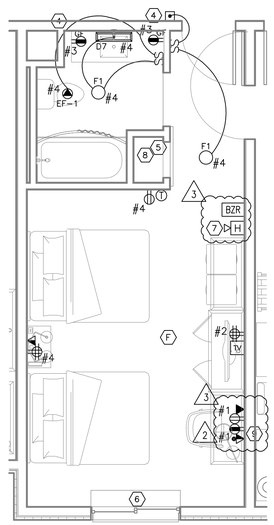
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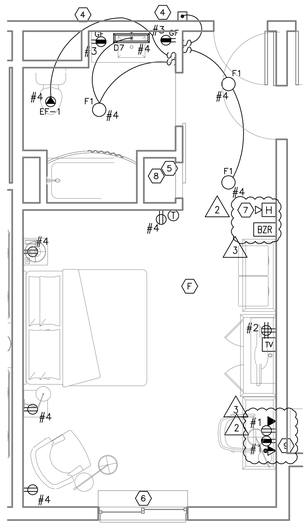
Hampton Inn and Suites



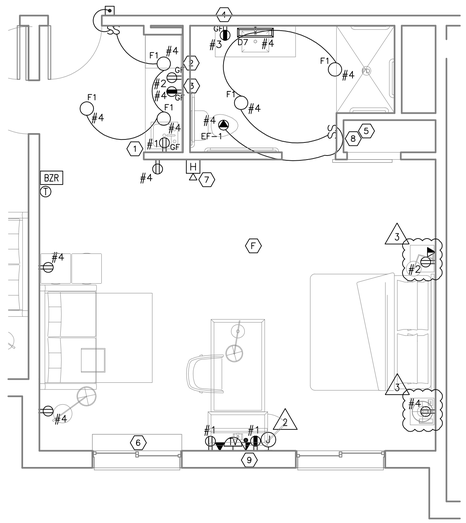
1 E3.1 KING
SCALE: 1/4" = 1'



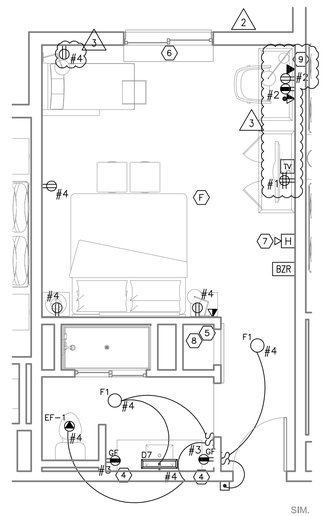
2 E3.1 QUEEN/QUEEN
SCALE: 1/4" = 1'



3 E3.1 ACC KING
SCALE: 1/4" = 1'



4 E3.1 ACC ROLL KING STUDIO
SCALE: 1/4" = 1'



5 E3.1 HEAR KING
SCALE: 1/4" = 1'
SIM. MIRR.

GENERAL GUEST ROOM ELECTRICAL NOTES:

1. OUTLETS ARE NOT BE BE LOCATED BACK TO BACK IN COMMON WALLS BETWEEN ROOMS. VERIFY ALL LOCATIONS BEFORE ROUGH IN.
2. ALL OUTLETS TO BE MOUNTED 15" AFF TO THE CENTER OF THE DEVICE UNLESS OTHERWISE NOTED.
3. LIGHT SWITCHES MUST BE MOUNTED NO MORE THAN 48" AFF.
4. COORDINATE WITH FF&E VENDOR FOR RESPONSIBLITY OF FIXTURE PROVISIONS FOR EACH FIXTURE TYPE. FIXTURE TO BE SUPPLIED BY CONTRACTOR MUST BE APPROVED BY THE FRANCHISE BEFORE PURCHASE.
5. THE LOCATION AND INSTALLATION OF ALL FIXTURES SHALL BE IN COMPLIANCE WITH THE FRANCHISE STANDARDS AND GUIDELINES.
6. COORDINATE THE EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL RECEPTACLES AND DEVICES WITH THE MILLWORK DETAILS AND THE FINAL INTERIOR DESIGN PLANS BEFORE ROUGH-IN. REFER TO ARCHITECTURAL PLANS FOR THIS INFORMATION AND ADDITIONAL REQUIREMENTS.
7. GENTEX #9210 SERIES CEILING MOUNTED PHOTOELECTRIC SMOKE DETECTOR WITH AUDIBLE ALARM AND BATTERY BACKUP TO BE INSTALLED IN EACH DWELLING UNIT. TYPICAL FOR ALL NON-HANDICAPPED ROOMS. THESE SMOKE DETECTORS SHALL BE CONNECT TO 120V SUPPLY. DWELLING ROOM DETECTORS TO ALARM LOCALLY IN GUESTROOM, AND NOT PUT SYSTEM IN GENERAL ALARM. AUXILLARY CONTACTS OF DETECTOR SHALL BE USED TO ANNUNCIATE PROXIMITY ALARM ON REMOTE ANNUNCIATOR LOCATED AT FRONT DESK.
8. IN ALL HANDICAPPED AND ACCESSIBLE ROOMS INSTALL A WALL MOUNTED PHOTOELECTRIC SMOKE DETECTOR 80" AFF WITH AN AUDIBLE ALARM, BATTERY BACKUP, AND AN ADA APPROVED STROBE. ALL OF THESE SMOKE DETECTORS SHALL BE CONNECTED TO 120V POWER SUPPLY. THESE ROOMS SHALL HAVE A MINIMUM OF TWO (2) OF THESE DEVICES; ONE IN THE BEDROOM, AND ONE STROBE ONLY IN THE BATHROOM.
9. MOUNT THE LIGHT SWITCH AND GFI RECEPTACLE IN GUEST ROOM TOILETS UNDER A SINGLE COVER PLATE (WHERE POSSIBLE).
10. WHERE TWO OUTLETS ARE SHOWN ON TOP OF ONE ANOTHER IN GUEST ROOMS, INSTALL ONE AT 15" AFF AND THE OTHER OUTLET AT 48" AFF. COORDINATE LOCATIONS AND REQUIREMENTS WITH EQUIPMENT TO BE SERVED.
11. ALL DOORS TO HAVE ELECTRONIC LOCKS. CONNECT POWER FOR THESE LOCKS TO CIRCUIT #4 (UNSWITCHED). VERIFY REQUIREMENTS WITH THE OWNER/ARCHITECT.
12. CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL MECHANICAL EQUIPMENT INCLUDING WINDOW/WALL AC UNITS, EXHAUST FANS IN BATHROOMS, ETC. EXHAUST FANS SHALL BE CONTROLLED BY A SEPARATE MOTOR RATED TOGGLE SWITCH LOCATED NEXT TO LIGHT SWITCH.
13. ROOM LAYOUTS ARE TYPICAL AND SHOW THE NUMBER OF HOME RUN CIRCUIT REQUIRED FOR EACH ROOM GENERALLY DESIGNATED AS #1 THROUGH #4. SEE FLOOR PLANS FOR THE DEFINITION OF THESE CIRCUITS FOR EACH ROOM.
14. ALL BREAKERS FEEDING CIRCUITS IN GUEST ROOMS OR DWELLING UNITS SHALL BE ARCH FAULT INTERRUPT TYPE. CONTRACTOR FOR SUPPLYING ALL ADDITIONAL EQUIPMENT, MATERIALS AND LABOR TO ACCOMPLISH THIS.
15. THE CONTRACTOR SHALL COORDINATE THESE DRAWINGS WITH THE FRANCHISE DESIGN GUIDELINES & STANDARDS, AND PROTOTYPICAL DOCUMENTS. FRANCHISE DOCUMENTS SHALL TAKE PRECEDENT OVER THE ENGINEERED DRAWINGS DEVICE REQUIREMENTS AND LOCATIONS.
16. THE FRANCHISE GUIDELINES, STANDARDS, SPECIFICATIONS, AND PROTOTYPICAL DOCUMENTS ARE AVAILABLE ONLINE AT THE FRANCHISE WEBSITE, OR FROM THE ARCHITECT FOR THE CONTRACTORS USE.
17. ALL LIGHT SWITCHES SHALL BE PILOT LIGHT TYPE.
18. PROVIDE TWO NON-SWITCHED ELECTRICAL SOCKETS ABOVE THE BEDSIDE SURFACE IN THE BASE OF LIGHT FIXTURES OR RECESSED IN THE WALL. SOCKETS ARE NOT ALLOWED IN WALL-HUNG FIXTURES.

PLAN KEY NOTES:

1. RECEPTACLE FOR BELOW COUNTER MINI REFRIGERATOR. VERIFY LOCATION, MOUNTING HEIGHT, AND REQUIREMENTS BEFORE ROUGH-IN.
2. RECEPTACLE FOR MICROWAVE OVEN. VERIFY LOCATION, MOUNTING HEIGHT, AND REQUIREMENTS BEFORE ROUGH-IN.
3. RECEPTACLE FOR COFFEE MAKER (AND CONVENIENCE OUTLET). VERIFY LOCATION AND MOUNTING HEIGHT BEFORE ROUGH-IN.
4. GFI TYPE RECEPTACLE FOR RESTROOM USE. VERIFY LOCATION AND MOUNTING HEIGHT BEFORE ROUGH-IN.
5. ACCESSIBLE BOX WITH REMOVABLE COVER. MOUNT HIGH IN CLOSET, ABOVE SHELF. PAINT COVER TO MATCH WALL FINISH. INSCRIBE PANEL WITH CIRCUIT DESIGNATIONS UTILIZED IN BOX ON INSIDE COVER. EXTEND GUEST ROOM CIRCUITRY AS INDICATED AND REFER TO FLOOR PLANS AND PANELS SCHEDULES FOR CIRCUIT DESIGNATIONS FOR EACH ROOM.
6. PROVIDE DISCONNECT SWITCH ON THE OUTSIDE FACE OF THE SUB-BASE OR THE AC UNIT. REFER TO FLOOR PLANS AND PANEL SCHEDULES FOR CIRCUIT DESIGNATIONS FOR EACH ROOM. COORDINATE ALL WORK WITH DIVISION 15 CONTRACTOR. ALL ELECTRICAL WORK TO BE CONCEALED FROM VIEW.
7. FIRE ALARM SYSTEM MINI-HORN AND DETECTOR. CONNECT DEVICES TO NOTIFICATION CIRCUITRY. SEE FIRE ALARM RISER FOR MORE DETAILS.
8. HOMERUN FOR GENERAL CIRCUITS #1, #2, #3, AND #4. ALL HOMERUNS TO USE #10 WIRE IN A 1" CONDUIT MINIMUM. CIRCUIT ASSIGNMENTS FOR #1, #2, #3 AND #4 GENERAL CIRCUITS ARE DEFINED ON THE POWER AND COMMUNICATIONS FLOOR PLANS. REFER TO SPECIFIC ROOM LOCATION OF THESE FLOOR PLANS FOR CIRCUIT DEFINITION FOR EACH ROOM.
9. OUTLETS MOUNTED ABOVE DESK TO BE INSTALLED HORIZONTALLY.

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PROFESSIONAL ENGINEER
3-10-14
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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Typical Guest Room Electrical Plans - Part 1

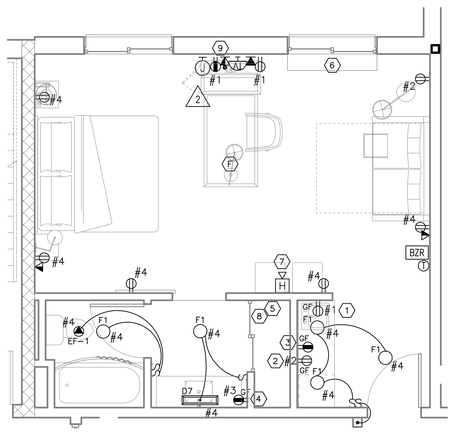
Phase
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Project No. 12-111
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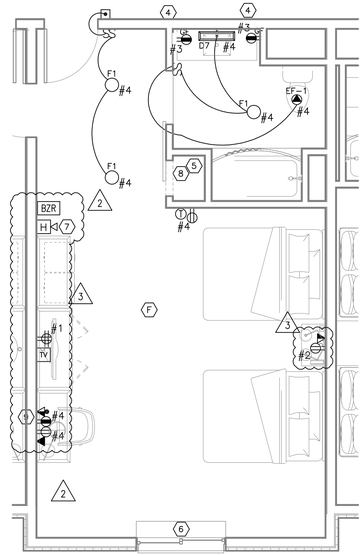
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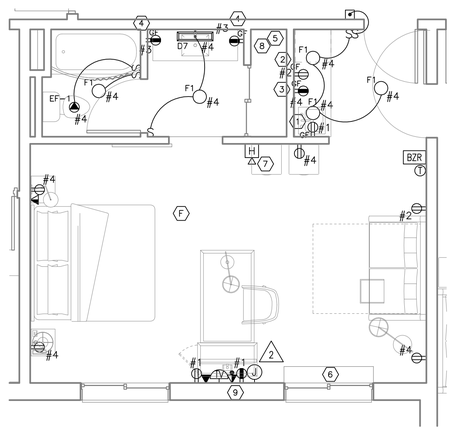
Hampton Inn and Suites



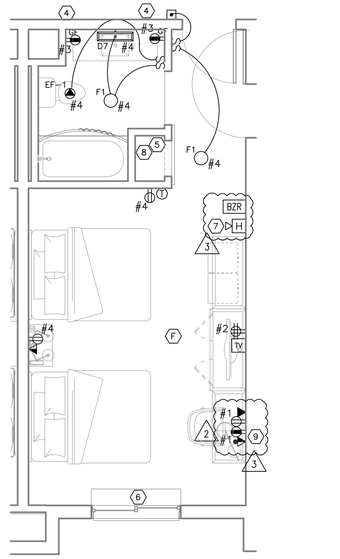
1 E3.2 KING STUDIO
SCALE: 1/4" = 1'



2 E3.2 ACC QUEEN/QUEEN
SCALE: 1/4" = 1'



3 E3.2 HEAR KING STUDIO
SCALE: 1/4" = 1'



4 E3.2 HEAR QUEEN/QUEEN
SCALE: 1/4" = 1'

GENERAL GUEST ROOM ELECTRICAL NOTES:

1. OUTLETS ARE NOT BE BE LOCATED BACK TO BACK IN COMMON WALLS BETWEEN ROOMS. VERIFY ALL LOCATIONS BEFORE ROUGH IN.
2. ALL OUTLETS TO BE MOUNTED 15" AFF TO THE CENTER OF THE DEVICE UNLESS OTHERWISE NOTED.
3. LIGHT SWITCHES MUST BE MOUNTED NO MORE THAN 48" AFF.
4. COORDINATE WITH FF&E VENDOR FOR RESPONSIBLITY OF FIXTURE PROVISIONS FOR EACH FIXTURE TYPE. FIXTURE TO BE SUPPLIED BY CONTRACTOR MUST BE APPROVED BY THE FRANCHISE BEFORE PURCHASE.
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PLAN KEY NOTES:

1. RECEPTACLE FOR BELOW COUNTER MINI REFRIGERATOR. VERIFY LOCATION, MOUNTING HEIGHT, AND REQUIREMENTS BEFORE ROUGH-IN.
2. RECEPTACLE FOR MICROWAVE OVEN. VERIFY LOCATION, MOUNTING HEIGHT, AND REQUIREMENTS BEFORE ROUGH-IN.
3. RECEPTACLE FOR COFFEE MAKER (AND CONVENIENCE OUTLET). VERIFY LOCATION AND MOUNTING HEIGHT BEFORE ROUGH-IN.
4. GFI TYPE RECEPTACLE FOR RESTROOM USE. VERIFY LOCATION AND MOUNTING HEIGHT BEFORE ROUGH-IN.
5. ACCESSIBLE BOX WITH REMOVABLE COVER. MOUNT HIGH IN CLOSET, ABOVE SHELF. PAINT COVER TO MATCH WALL FINISH. INSCRIBE PANEL WITH CIRCUIT DESIGNATIONS UTILIZED IN BOX ON INSIDE COVER. EXTEND GUEST ROOM CIRCUITRY AS INDICATED AND REFER TO FLOOR PLANS AND PANELS SCHEDULES FOR CIRCUIT DESIGNATIONS FOR EACH ROOM.
6. PROVIDE DISCONNECT SWITCH ON THE OUTSIDE FACE OF THE SUB-BASE OR THE AC UNIT. REFER TO FLOOR PLANS AND PANEL SCHEDULES FOR CIRCUIT DESIGNATIONS FOR EACH ROOM. COORDINATE ALL WORK WITH DIVISION 15 CONTRACTOR. ALL ELECTRICAL WORK TO BE CONCEALED FROM VIEW.
7. FIRE ALARM SYSTEM MINI-HORN AND DETECTOR. CONNECT DEVICES TO NOTIFICATION CIRCUITRY. SEE FIRE ALARM RISER FOR MORE DETAILS.
8. HOMERUN FOR GENERAL CIRCUITS #1, #2, #3, AND #4. ALL HOMERUNS TO USE #10 WIRE IN A 1" CONDUIT MINIMUM. CIRCUIT ASSIGNMENTS FOR #1, #2, #3 AND #4 GENERAL CIRCUITS ARE DEFINED ON THE POWER AND COMMUNICATIONS FLOOR PLANS. REFER TO SPECIFIC ROOM LOCATION OF THESE FLOOR PLANS FOR CIRCUIT DEFINITION FOR EACH ROOM.
9. OUTLETS MOUNTED ABOVE DESK TO BE INSTALLED HORIZONTALLY.

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No.	Date	Description
1	11-5-13	Review Comments
2	11-15-13	Franchise Comments
3	04-10-14	Hilton Update

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STATE OF LOUISIANA
SHANE RITTER
License No. 28401
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Typical Guest Room Electrical Plans - Part 2

Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No. E3.2

Released for
PERMIT ONLY

Hampton Inn and Suites

POOL NOTES:

1. ALL ELECTRICAL WORK TO CONFORM TO 2008 NEC.
2. ALL CIRCUITS TO BE FED WITH GFCI BREAKERS. EXCEPTION FOR HVAC UNITS.
3. LOCATE RECEPTACLES AS CLOSE TO LOCATION AS SHOWN ON DWGS. CONTRACTOR MAY HAVE TO MOVE LOCATIONS AS NECESSARY FOR PROPER MOUNTING.
4. VERIFY ALL DISTANCES WITH MANUFACTURER DWG.
5. CONTRACTOR TO VERIFY ALL ELECTRICAL NEEDS FOR POOL AREA WITH ARCHITECT AND POOL SUPPLIER BEFORE ROUGH-IN.
6. COORDINATE LOCATION OF LIGHTS WITH MECHANICAL HVAC DUCT. IN NO WAY SHALL LIGHTS BE LOCATED OVER SWIMMING POOL.
7. MOUNT LIGHTS AS HIGH AS POSSIBLE, DO NOT MOUNT BELOW 8'-6" A.F.F.
8. CONTRACTOR TO FEED ALL ELECTRICAL CIRCUITS ASSOCIATED WITH POOL FROM NEW PANEL "1P1" AS SHOWN ON THIS DWG.
9. CONTRACTOR TO LOCATE KEYED LIGHT SWITCHES FOR POOL AREA LIGHTING INSIDE EQP. ROOM OR AS DIRECTED BY OWNER. SWITCHES NOT SHOWN ON DWGS.
10. LUMINAIRES UNDERWATER IN POOL SHALL MEET ALL REQUIREMENTS OF NEC ARTICLE 680.23.
11. INSTALL A COMMON BONDING GRID AROUND POOL AND TERMINATE AS PER NEC ARTICLE 680.26 (C).
12. AN EMERGENCY SHUT OFF SWITCH SHALL BE INSTALLED WITHIN SIGHT BUT NOT LESS THAN 5' OF THE POOL AND WHIRLPOOL AND BE READILY ACCESSIBLE.
13. INSTALL HOUSE PHONE AT POOL AREA AS SHOWN. MOUNT IN WEATHERPROOF COVER. WHEN OFF HOOK, PHONE SHOULD AUTOMATICALLY DIAL FRONT DESK AND EMERGENCY NUMBER IF REQUIRED. MOUNT NO HIGHER THAN 48" AFF.

1P1

BUS NUMBER: 191 AMPERE RATING: 400 VOLTAGE (L-L): 208 PHASE: 3
SERVED FROM: MSB MAIN TYPE: MAIN BREAKER VOLTAGE (L-N): 120 WIRE: 4
MOUNTING: SURFACE LUG OPTIONS: MIN. KAIC: 42
REMARKS: MAIN BREAKER TO BE SHUNT TRIP TYPE

	CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT S E S	BRANCH CIRCUIT PHASE/ NEUT. NO	BRANCH CIRCUIT PHASE/ NEUT. SIZE	BRANCH CIRCUIT GND SIZE	BRANCH CIRCUIT MIN CND SIZE	BRANCH CIRCUIT S E S	BRANCH CIRCUIT PHASE/ NEUT. NO	BRANCH CIRCUIT PHASE/ NEUT. SIZE	BRANCH CIRCUIT GND SIZE	BRANCH CIRCUIT MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
G	1	20	1	MISC POOL POWER	M	0.75	1	2	12	12	1/2						5.80	M				
G	3	20	1	MISC POOL POWER	M	0.75	1	2	12	12	1/2	1	3	4	8	1-1/4	5.80	M	POOL PUMP	90	3	4
G	5	20	1	MISC POOL POWER	M	0.75	1	2	12	12	1/2						5.80	M				
	9	20	3	PCU-1	D D D	1.66 1.66 1.66	1	3	12	12	1/2	1	3	6	10	1	5.00 5.00 5.00	H H H	POOL HEAT	60	3	10
	15	250	3	PAHU-1	D D D	16.66 16.66 16.66	1	3	4/0	4	2	1	3	6	10	1	3.86 3.86 3.86	M M M	HOT TUB	60	3	16
	19	20	1	LIGHTS	L	1.43	1	2	12	12	1/2	1	2	12	12	1/2	0.40	L	LIGHTS	20	1	20
	21	20	1	LIGHTS	L	1.20	1	2	12	12	1/2	1	2	12	12	1/2	0.54	R	RECEPTACLES	20	1	22
	23	20	1	LIGHTS	L	1.20	1	2	12	12	1/2	1	2	12	12	1/2	0.54	R	RECEPTACLES	20	1	24
	25		1	SPACE ONLY															SPACE ONLY		1	26
	27		1	SPACE ONLY															SPACE ONLY		1	28
	29		1	SPACE ONLY															SPACE ONLY		1	30
	31		1	SPACE ONLY															SPACE ONLY		1	32
	33		1	SPACE ONLY															SPACE ONLY		1	34
	35		1	SPACE ONLY															SPACE ONLY		1	36
	37		1	SPACE ONLY															SPACE ONLY		1	38
	39		1	SPACE ONLY															SPACE ONLY		1	40
	41		1	SPACE ONLY															SPACE ONLY		1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00		0.00		0.00
B - HOTEL/MOTEL LIGHTING	0.00		0.00		0.00
C - SPACE COOLING*	0.00		0.00		0.00
D - OTHER HVAC LOADS	54.96		1.00		54.96
H - SPACE HEATING*	15.00		1.25		18.75
K - KITCHEN APPLIANCES	0.00		0.00		0.00
L - GENERAL LIGHTING	4.23		1.25		5.28
M - MISC. CONTINUOUS	31.23		1.25		39.03
N - MISC. NONCONTINUOUS	0.00		0.00		0.00
R - RECEPTACLES	1.08		1.00		1.08
W - WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	15.00		0.25		3.75
	106.50				122.86

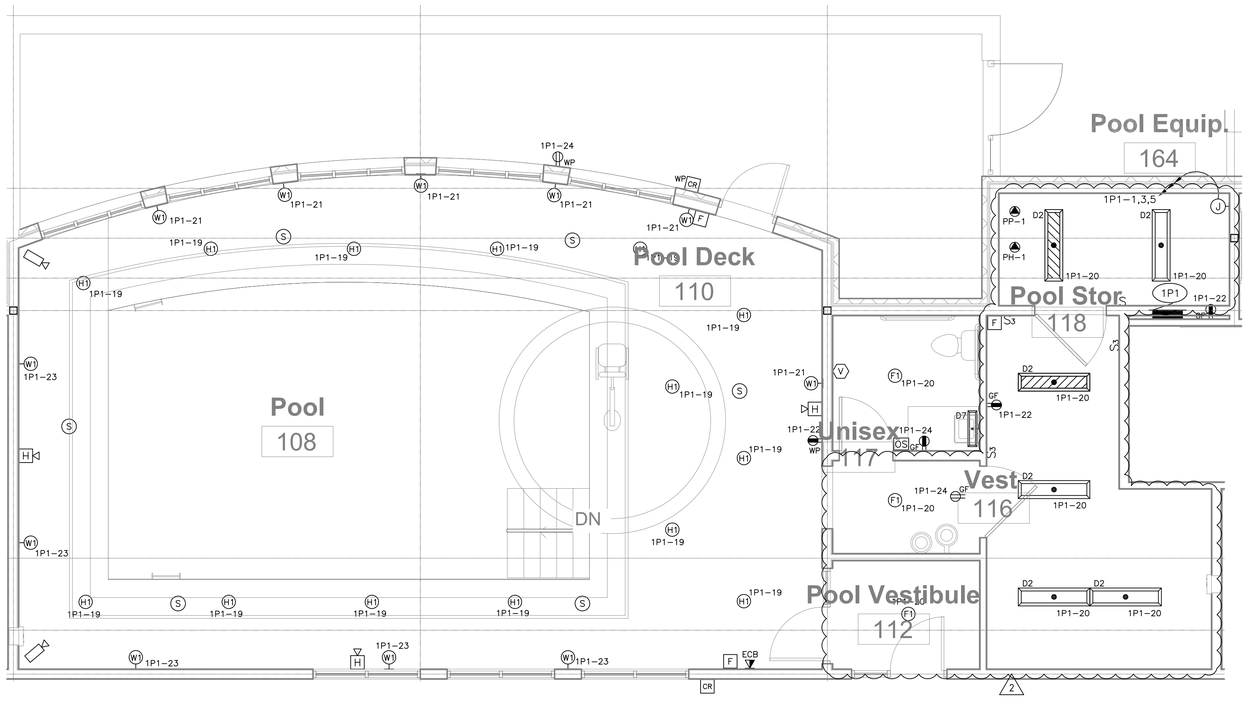
PHASE BALANCE (% OF TOTAL LOAD)
A: 100.2 % B: 100.0 % C: 100.0 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 341.0 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 342.0 A.
+ RESERVED FUTURE CAPACITY: + 40.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 382.0 A.

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 400 A.
MIN. NEC ART. 220 FEEDER SIZE:

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F - BREAKER TO BE ARC FAULT TYPE
G - BREAKER TO BE GFI TYPE
O - BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S - BREAKER TO BE SHUNT TRIP TYPE



1 / E3.3 SWIMMING POOL ELECTRICAL PLAN
SCALE: 1/4" = 1'

SWIMMING POOL EQUIPMENT CONNECTION SCHEDULE

CONNECTION DESIGNATION	LOAD DESCRIPTION	VOLTS	PHASE	LOAD INFO HP	KVA	AMPS	MCA	MOCP	EMERG. POWER REQD.	STARTER FURN. BY	STARTER INST. BY	STARTER NEMA SIZE	STARTER TYPE	STARTER DISCONNECT TYPE	STARTER TRIP OR FUSE SIZE	STARTER NEMA ENCL TYPE	DISCONNECT FURN. BY	DISCONNECT INST. BY	DISCONNECT TYPE	DISCONNECT SWITCH RATING	DISCONNECT POLE	DISCONNECT FUSE OR TRIP RATING	DISCONNECT NEMA ENCL TYPE	CIRCUIT ID	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	BRANCH CIRCUIT S E S	BRANCH CIRCUIT PHASE/ NEUT. NO	BRANCH CIRCUIT PHASE/ NEUT. SIZE	BRANCH CIRCUIT GND SIZE	BRANCH CIRCUIT MIN CND SIZE	CONNECTION NOTES	CONNECTION DESIGNATION
HT-1	HOT TUB	208	3	10	11.60	32.2	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	5	1P1-16	60	3	1	3	6	10	1	1 4 9	HT-1
PAHU-1	PAHU-1	208	3	N/A	50.00	138.7	161	230	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1P1-15	250	3	1	3	4/0	4	2	1 4 10	PAHU-1
PCU-1	PCU-1	208	3	N/A	5.00	13.8	14	20	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	3R	1P1-9	20	3	1	3	12	12	1/2		PCU-1
PH-1	POOL HEAT	208	3	N/A	15.00	41.6	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	5	1P1-10	60	3	1	3	6	10	1	1 4 9	PH-1
PP-1	POOL PUMP	208	3	15	17.40	48.3	N/A	N/A	NO	EQ. MFR.	DIV. 16	3	SEE NOTES	N/A		5	DIV. 16	DIV. 16	NON-FUSED SWITCH	100	3	N/A	5	1P1-4	90	3	1	3	4	8	1-1/4	1 4 9	PP-1

1. VERIFY EQUIPMENT LOCATIONS AND REQUIREMENTS BEFORE ROUGH IN.
2. CONNECT THROUGH JUNCTION BOX MOUNTED ON OR ADJASCENT TO EQUIPMENT.
3. MAKE FINAL CONNECTION USING FLEXIBLE METALLIC CONDIUT.
4. MAKE FINAL CONNECTION USING LIQUID TIGHT FLEXIBLE CONDIUT.
5. CONNECT THROUGH SINGLE RECEPTACLE. PROVIDE CONFIGURATION AS REQUIRED.
6. UNIT MOUNTED ON SIDE WALL.
7. UNIT LOCATED IN OR ABOVE CEILING.
8. UNIT LOCATED ON ROOF.
9. BREAKER SUPPLYING THIS LOAD TO BE SHUNT TRIP TYPE.
10. INSTALL DUCT TYPE SMOKE DETECTOR (SEE DETAIL 2/E6.3)
11. SEE FLOOR PLANS FOR CIRCUIT ASSIGNMENT FOR EACH OCCURANCE.
12. SEE DETAIL 3/E6.3 FOR INFORMATION ON ELEVATOR CONNECTION.
13. ELECTRICAL ALTERNATE #1 - SEE DETAIL 5/E6.4 & RISER DIAGRAM (E4.1).
14. DISCONNECT (OR BREAKER) TO HAVE 2 NO & 2 NC AUX CONTACTS
15. INDOOR UNIT (DAHU) TO BE POWERED FROM THIS UNT.

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REVISIONS		
No.	Date	Description
1	11-5-13	Review Comments
2	11-15-13	Franchise Comments

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11/5/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Swimming Pool Electrical Plan

Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No. E3.3

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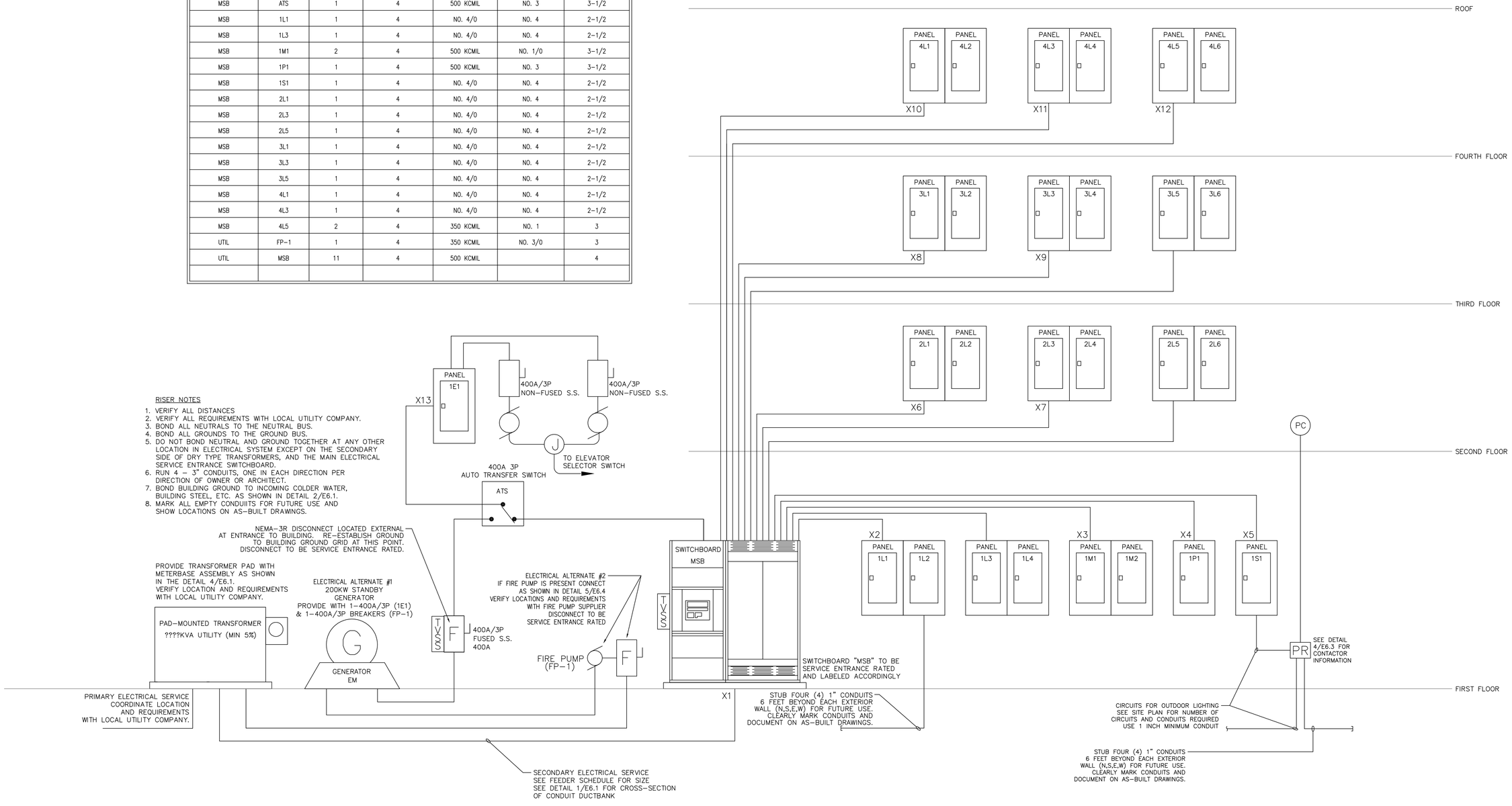
Hampton Inn and Suites

FEEDER SCHEDULE

FEEDER ORIGINATION LOCATION	LOAD SERVED	NUMBER OF PARALLEL SETS	NUMBER OF PHASE & NEUTRAL CONDUCTORS PER CONDUIT	PHASE & NEUTRAL CONDUCTOR SIZE	EQUIPMENT GROUND CONDUCTOR SIZE	MINIMUM CONDUIT SIZE
ATS	1E1	1	4	500 KCMIL	NO. 3	3-1/2
GEN	FP-1	1	3	350 KCMIL	NO. 3/0	3
GEN	ATS	1	4	500 KCMIL	NO. 3	3-1/2
MSB	ATS	1	4	500 KCMIL	NO. 3	3-1/2
MSB	1L1	1	4	NO. 4/0	NO. 4	2-1/2
MSB	1L3	1	4	NO. 4/0	NO. 4	2-1/2
MSB	1M1	2	4	500 KCMIL	NO. 1/0	3-1/2
MSB	1P1	1	4	500 KCMIL	NO. 3	3-1/2
MSB	1S1	1	4	NO. 4/0	NO. 4	2-1/2
MSB	2L1	1	4	NO. 4/0	NO. 4	2-1/2
MSB	2L3	1	4	NO. 4/0	NO. 4	2-1/2
MSB	2L5	1	4	NO. 4/0	NO. 4	2-1/2
MSB	3L1	1	4	NO. 4/0	NO. 4	2-1/2
MSB	3L3	1	4	NO. 4/0	NO. 4	2-1/2
MSB	3L5	1	4	NO. 4/0	NO. 4	2-1/2
MSB	4L1	1	4	NO. 4/0	NO. 4	2-1/2
MSB	4L3	1	4	NO. 4/0	NO. 4	2-1/2
MSB	4L5	2	4	350 KCMIL	NO. 1	3
UTIL	FP-1	1	4	350 KCMIL	NO. 3/0	3
UTIL	MSB	11	4	500 KCMIL		4

FAULT CURRENT DATA

POINT	Isca	Let-thru	REMARKS
X1	132,181	77,759	MIN. 100FT FEEDER
X2	77,759	54,403	MIN. 10FT FEEDER
X3	77,759	44,956	MIN. 50FT FEEDER
X4	77,759	35,876	MIN. 40FT FEEDER
X5	77,759	28,617	MIN. 40FT FEEDER
X6	77,759	11,092	MIN. 140FT FEEDER
X7	77,759	11,816	MIN. 130FT FEEDER
X8	77,759	10,452	MIN. 150FT FEEDER
X9	77,759	11,092	MIN. 140FT FEEDER
X10	77,759	9,882	MIN. 160FT FEEDER
X11	77,759	10,452	MIN. 150FT FEEDER
X12	77,759	22,443	MIN. 150FT FEEDER
X13	53,220	60,191	MIN. 10FT FEEDER



1 E4.1 ELECTRICAL POWER RISER DIAGRAM

SCALE: NO SCALE

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Electrical Power Riser Diagram

Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

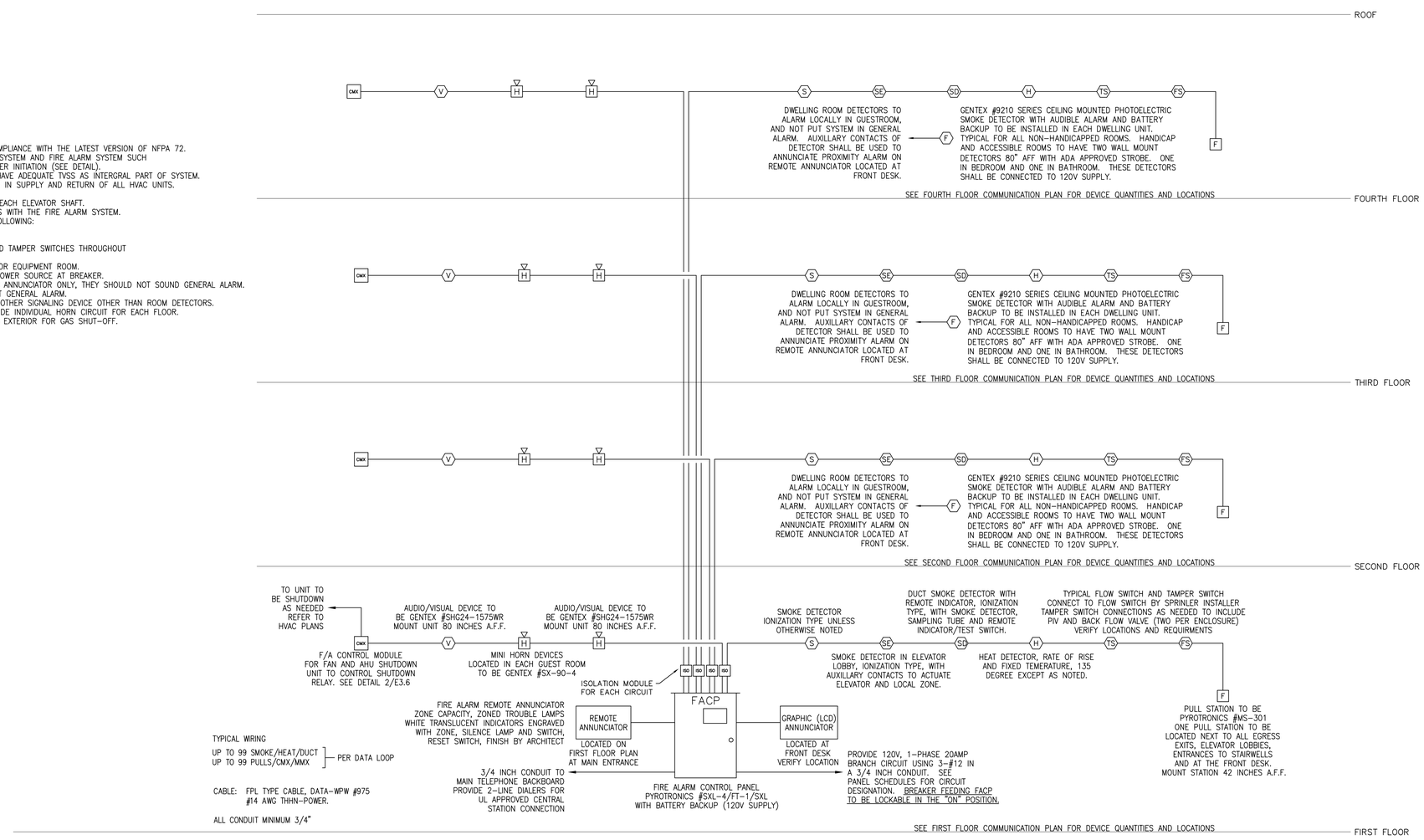
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Hampton Inn and Suites

FIRE ALARM NOTES

1. FIRE ALARM SYSTEM TO BE INSTALLED AND IN COMPLIANCE WITH THE LATEST VERSION OF NFPA 72.
   COORDINATE ELEVATOR CONTROL WITH SPRINKLER SYSTEM AND FIRE ALARM SYSTEM SUCH
   THAT ELEVATOR IS SHUT DOWN PRIOR TO SPRINKLER INITIATION (SEE DETAIL).
2. FIRE ALARM CONTROL PANEL POWER SUPPLY TO HAVE ADEQUATE TVSS AS INTERGRAL PART OF SYSTEM.
3. FIRE ALARM SYSTEM TO INCLUDE DUCT DETECTORS IN SUPPLY AND RETURN OF ALL HVAC UNITS.
   PROVIDE A RELAY AT EACH UNIT FOR SHUTDOWN.
4. LOCATE ONE HEAT DETECTOR AT THE BOTTOM OF EACH ELEVATOR SHAFT.
5. IF FIRE PUMP PRESENT, COORDINATE CONNECTIONS WITH THE FIRE ALARM SYSTEM.
6. IF FIRE PUMP PRESENT, THEN ANNUNCIATE THE FOLLOWING:
   A. FIRE PUMP RUNNING
   B. FIRE PUMP POWER FAILURE
7. LOCATE AND CONNECT TO ALL FLOW SWITCHES AND TAMPER SWITCHES THROUGHOUT
   INTERIOR AND EXTERIOR OF BUILDING.
8. LOCATE SHUNT TRIP BREAKER OUTSIDE OF ELEVATOR EQUIPMENT ROOM.
   SHUNT TRIP CIRCUIT SHOULD BE DERIVED FROM POWER SOURCE AT BREAKER.
9. ROOM DETECTOR TO SIGNAL FRONT DESK GRAPHIC ANNUNCIATOR ONLY, THEY SHOULD NOT SOUND GENERAL ALARM.
   ROOM DETECTOR TO GIVE LOCAL ALARM ONLY, NOT GENERAL ALARM.
   SYSTEM GENERAL ALARM TO BE INITIATED BY ANY OTHER SIGNALING DEVICE OTHER THAN ROOM DETECTORS.
10. USE TWISTED PAIR CABLE FOR HORN UNITS. PROVIDE INDIVIDUAL HORN CIRCUIT FOR EACH FLOOR.
11. PROVIDE RELAY AND SOLENOID VALVE AT BUILDING EXTERIOR FOR GAS SHUT-OFF.



1 / E4.2 FIRE ALARM RISER DIAGRAM

SCALE: NO SCALE

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9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Electrical Fire Alarm Riser Diagram

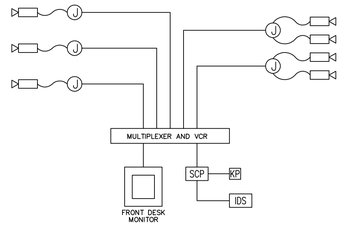
Phase
Construction Documents

Project No.	12-111
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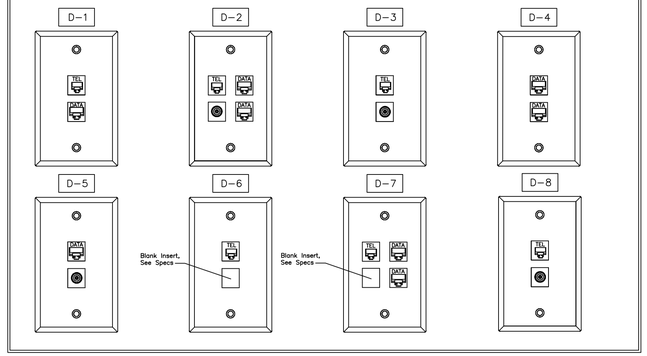
Hampton Inn and Suites



2 E4.2 SECURITY / CCTV RISER DIAGRAM

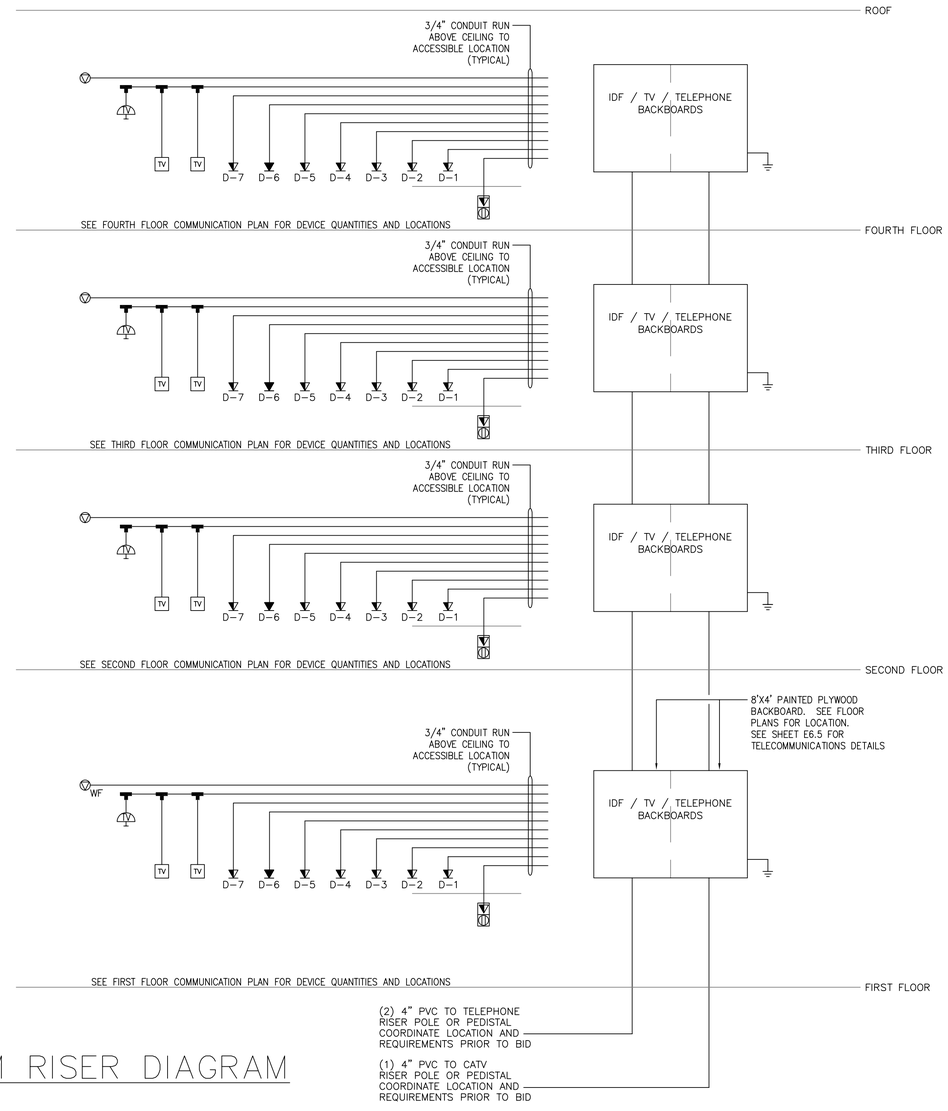
SCALE: NO SCALE

DATA TYPES



VOICE, DATA & VIDEO CABLE SCHEDULE

SYMBOL	DESCRIPTION
D-1	4 PAIR CAT 6 / 4 PAIR TELEPHONE CAT 3
D-2	RG-6/U QUAD SHIELDED 75 Ω CABLE / 4 PAIR CAT 6 / 4 PAIR TELEPHONE CAT 3
D-3	RG-6/U QUAD SHIELDED 75 Ω CABLE / 4 PAIR TELEPHONE CAT 3
D-4	4 PAIR CAT 6 / 4 PAIR CAT 6
D-5	RG-6/U QUAD SHIELDED 75 Ω CABLE / 4 PAIR CAT 6
D-6	4 PAIR TELEPHONE CAT 3
D-7	4 PAIR CAT 6 / 4 PAIR CAT 6 / 4 PAIR TELEPHONE CAT 3
D-8	RG-59 COAXIAL + 2-18 AWG
	4 PAIR CAT 6 / 4 PAIR TELEPHONE CAT 3
TV	RG-6/U QUAD SHIELDED 75 Ω CABLE / 4 PAIR CAT 6 (SPLITTERS AS REQUIRED)
TV	RG-6/U QUAD SHIELDED 75 Ω CABLE / 4 PAIR CAT 6 (SPLITTERS AS REQUIRED)
	4 PAIR CAT 6 / 4 PAIR CAT 6 (UNLESS OTHERWISE DESIGNATED)
	RG-6/U QUAD SHIELDED 75 Ω CABLE / 4 PAIR CAT 6
WF	4 PAIR CAT 6 / 4 PAIR CAT 6 (SEE DETAIL 5/E6.5)



1 E4.3 TELECOM RISER DIAGRAM

SCALE: NO SCALE

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REVISIONS

No.	Date	Description

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title

Electrical Systems
Riser Diagram

Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No.
E4.3

Released for
PERMIT ONLY

Hampton Inn and Suites

1L1

BUS NUMBER: 111 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: MSB | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 65
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.50	N	RECPT – VENDING	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.50	N	RECPT – VENDING	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.50	N	RECPT – WASHER	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.50	N	RECPT – WASHER	20	1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	3	10	10	3/4	2.50	N	CLOTHES DRYER #4	30	2	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2						2.50	N				
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	3	10	10	3/4	2.50	N	CLOTHES DRYER #5	30	2	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2						2.50	N				
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.80	N	RECPT – TV	20	1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.50	N	RECPT – FITNESS	20	1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.50	N	RECPT – FITNESS	20	1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.50	N	RECPT – FITNESS	20	1	24
25	20	1	RECPT – MEETING ROOM	R	0.54	1	2	12	12	1/2	1	2	12	12	1/2	0.30	N	RECPT – FITNESS	20	1	26
27	20	1	RECPT – MEETING ROOM	R	0.54	1	2	12	12	1/2	1	2	12	12	1/2	0.30	N	RECPT – FITNESS	20	1	28
29	20	1	RECPT – MEETING ROOM	R	0.54	1	2	12	12	1/2	1	2	12	12	1/2	0.30	N	RECPT – FITNESS	20	1	30
31	20	1	LIGHTS	L	1.20	1	2	12	12	1/2	1	2	12	12	1/2	1.64	L	LIGHTS	20	1	32
33	20	1	LIGHTS	L	1.24	1	2	12	12	1/2	1	2	12	12	1/2	1.61	L	LIGHTS	20	1	34
35	20	1	LIGHTS	L	1.28	1	2	12	12	1/2	1	2	12	12	1/2	1.58	L	LIGHTS	20	1	36
37	20	1	SPARE															SPARE	20	1	38
39	20	1	SPARE															SPARE	20	1	40
41	20	1	SPARE															SPARE	20	1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	9.00		0.50		4.50
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	14.00		1.00		14.00
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	11.14		1.25		13.92
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	19.28		1.00		19.28
R – RECEPTACLES	12.78		0.89		11.39
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	66.20				63.22

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 225 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 93.3 % B: 110.8 % C: 96.1 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 175.4 A.
X LARGEST UNBALANCED PHASE %: x 1.10
TOTAL: 194.6 A.
+ RESERVED FUTURE CAPACITY: + 9.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 203.6 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

1L2

BUS NUMBER: 121 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 1L1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: | MIN. KAIC: 65
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.54	R	RECEPTACLES	20	1	2
				D	1.75						1	2	12	12	1/2	0.54	R	RECEPTACLES	20	1	4
5	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	6
				D	1.75						1	2	12	12	1/2	0.50	N	RECPT – EDF	20	1	8
9	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	10
				D	1.75						1	2	12	12	1/2	0.90	R	RECEPTACLES	20	1	12
13	25	2	MAINT ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.36	N	RECPT – BREAKROOM	20	1	14
				D	1.75						1	2	12	12	1/2	0.36	N	RECPT – BREAKROOM	20	1	16
17		1	SPACE ONLY								1	2	12	12	1/2	0.36	N	RECPT – BREAKROOM	20	1	18
19		1	SPACE ONLY								1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	20
21	20	1	RECPT – COMP/PBX	N	0.72	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	22
23	20	1	RECPT – COMP/PBX	N	0.72	1	2	12	12	1/2	1	2	12	12	1/2	1.08	R	RECEPTACLES	20	1	24
25	20	1	RECPT – BUS CENTER	N	0.35	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECPT – FRONT DESK	20	1	26
27	20	1	RECPT – BUS CENTER	N	0.36	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECPT – FRONT DESK	20	1	28
29	20	1	RECPT – BUS CENTER	N	0.35	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECPT – FRONT DESK	20	1	30
31	20	1	RECPT – WORK AREA	R	0.54	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	32
33	20	1	RECPT – WORK AREA	R	0.36	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	34
35	20	1	RECPT – WORK AREA	R	0.36	1	2	12	12	1/2	1	2	12	12	1/2	0.90	R	RECEPTACLES	20	1	36
37	20	1	LIGHTS	L	1.01	1	2	12	12	1/2								SPACE ONLY		1	38
39	20	1	LIGHTS	L	1.14	1	2	12	12	1/2								SPACE ONLY		1	40
41	20	1	LIGHTS	L	0.44	1	2	12	12	1/2								SPACE ONLY		1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	0.00		0.00		0.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	14.00		1.00		14.00
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	2.59		1.25		3.23
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	4.08		1.00		4.08
R – RECEPTACLES	11.70		0.92		10.85
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	32.37				32.29

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 125 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 99.3 % B: 107.7 % C: 93.2 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 89.6 A.
X LARGEST UNBALANCED PHASE %: x 1.07
TOTAL: 96.5 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 119.0 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F BREAKER TO BE ARC FAULT TYPE
G BREAKER TO BE GFI TYPE
O BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S BREAKER TO BE SHUNT TRIP TYPE

1L3

BUS NUMBER: 131 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: MSB | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 65
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
				N	1.33											2.66	N				
3	20	3	CLOTHES WASHER #1	N	1.33	1	3	12	12	1/2	1	4	10	10	3/4	2.66	N	CLOTHES DRYER #1	30	3	4
				N	1.33											2.66	N				
				N	1.33											2.66	N				
9	20	3	CLOTHES WASHER #2	N	1.33	1	3	12	12	1/2	1	4	10	10	3/4	2.66	N	CLOTHES DRYER #2	30	3	10
				N	1.33											2.66	N				
				N	1.33											2.66	N				
15	20	3	CLOTHES WASHER #3	N	1.33	1	3	12	12	1/2	1	4	10	10	3/4	2.66	N	CLOTHES DRYER #3	30	3	16
				N	1.33											2.66	N				
19	30	2	ICE MAKER #1	K	1.50	1	2	10	10	1/2						5.03	K				
				K	1.50						1	3	6	10	1	5.03	K	COFFEE BREWER #1	60	3	22
23	20	2	CONVECTION OVER #1	K	1.45	1	2	12	12	1/2						5.03	K				
				K	1.45						1	2	12	12	1/2	0.40	N	RECPT – SUITE SHOP	20	1	26
27	20	1	RECPT – FOOD PREP	K	0.50	1	2	12	12	1/2	1	2	12	12	1/2	0.40	N	RECPT – SUITE SHOP	20	1	28
29	20	1	RECPT – FOOD PREP	K	0.50	1	2	12	12	1/2	1	2	12	12	1/2	0.40	N	RECPT – SUITE SHOP	20	1	30
31	20	1	RECPT – FOOD PREP	R	0.36	1	2	12	12	1/2								SPACE ONLY		1	32
33	20	1	RECPT – FOOD PREP	R	0.36	1	2	12	12	1/2								SPACE ONLY		1	34
35	20	1	RECPT – PANTRY	K	0.40	1	2	12	12	1/2								SPACE ONLY		1	36
37	20	1	RECPT – PANTRY	K	0.40	1	2	12	12	1/2								SPACE ONLY		1	38
39	20	1	RECPT – PANTRY	K	0.40	1	2	12	12	1/2								SPACE ONLY		1	40
41	20	1	RECPT – PANTRY	K	0.40	1	2	12	12	1/2								SPACE ONLY		1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	0.00		0.00		0.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	0.00		0.00		0.00
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	23.59		0.65		15.33
L – GENERAL LIGHTING	8.53		1.25		10.66
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	37.51		1.00		37.51
R – RECEPTACLES	5.22		1.00		5.22
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	4.00		0.25		1.00
	74.85				69.72

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 225 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 103.2 % B: 98.5 % C: 98.5 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 193.5 A.
X LARGEST UNBALANCED PHASE %: x 1.03
TOTAL: 199.8 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 222.3 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

A BREAKER TO BE ARC FAULT TYPE
G BREAKER TO BE GFI TYPE
O BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S BREAKER TO BE SHUNT TRIP TYPE

1L4

BUS NUMBER: 141 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 1L3 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: | MIN. KAIC: 65
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	RECEPTACLES	R	0.72	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	2
3	20	1	RECEPTACLES	R	0.72	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	4
5	20	1	RECPT – ELEVATOR RM	R	0.54	1	2	12	12	1/2	1	2	12	12	1/2	0.90	R	RECEPTACLES	20	1	6
7	20	1	LIGHTS	L	1.55	1	2	12	12	1/2	1	2	12	12	1/2	0.40	N	RECPT – TV	20	1	8
9	20	1	LIGHTS	L	1.72	1	2	12	12	1/2	1	2	12	12	1/2	0.36	R	RECEPTACLES.	20	1	10
11	20	1	LIGHTS	L	1.28	1	2	12	12	1/2	1	2	12	12	1/2	0.59	L	LIGHTS – ELEV PIT/RM	20	1	12
13	20	1	LIGHTS	L	0.98	1	2	12	12	1/2								SPACE ONLY		1	14
15	20	1	LIGHTS	L	1.12	1	2	12	12	1/2								SPACE ONLY		1	16
17	20	1	LIGHTS	L	1.29	1	2	12	12	1/2								SPACE ONLY		1	18
19		1	SPACE ONLY															SPACE ONLY		1	20
21		1	SPACE ONLY															SPACE ONLY		1	22
23		1	SPACE ONLY															SPACE ONLY		1	24
25		1	SPACE ONLY															SPACE ONLY		1	26
27		1	SPACE ONLY															SPACE ONLY		1	28
29		1	SPACE ONLY															SPACE ONLY		1	30
31		1	SPACE ONLY															SPACE ONLY		1	32
33		1	SPACE ONLY															SPACE ONLY		1	34
35		1	SPACE ONLY															SPACE ONLY		1	36
37		1	SPACE ONLY															SPACE ONLY		1	38
39		1	SPACE ONLY															SPACE ONLY		1	40
41		1	SPACE ONLY															SPACE ONLY		1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	0.00		0.00		0.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	0.00		0.00		0.00
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	8.53		1.25		10.66
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.40		0.99		0.40
R – RECEPTACLES	4.68		1.00		4.68
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	1.00		0.25		0.25
	13.61				15.99

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 70 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 96.4 % B: 102.4 % C: 101.5 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 44.3 A.
X LARGEST UNBALANCED PHASE %: x 1.02
TOTAL: 45.4 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 67.9 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

1M1

BUS NUMBER: 171 | AMPERE RATING: 800 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: MSB | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 65
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
				D	2.50											2.50	D				
3	35	3	HEAT PUMP #1A	D	2.50	1	3	8	10	3/4	1	3	8	10	3/4	2.50	D	HEAT PUMP #1B	35	3	4
				D	2.50											2.50	D				
				D	2.50											2.50	D				
9	35	3	HEAT PUMP #2A	D	2.50	1	3	8	10	3/4	1	3	8	10	3/4	2.50	D	HEAT PUMP #2B	35	3	10
				D	2.50											2.50	D				
				D	5.33											1.26	D				
15	40	3	HEAT PUMP #3	D	5.33	1	3	8	10	3/4	1	3	12	12	1/2	1.26	D	HEAT PUMP #4	20	3	16
				D	5.33											1.26	D				
				D	2.66											2.66	D				
21	40	3	HEAT PUMP #5	D	2.66	1	3	8	10	3/4	1	3	8	10	3/4	2.66	D	HEAT PUMP #6	40	3	22
				D	2.66											2.66	D				
				D	2.66											2.66	D				
27	40	3	HEAT PUMP #7	D	2.66	1	3	8	10	3/4	1	3	8	10	3/4	2.66	D	HEAT PUMP #8	40	3	28
				D	2.66											2.66	D				
				D	2.66											2.66	D				
33	40	3	HEAT PUMP #9	D	2.66	1	3	8	10	3/4	1	3	8	10	3/4	2.66	D	HEAT PUMP #10	40	3	34
				D	2.66											2.66	D				
				D	2.66													SPACE ONLY		1	38
39	40	3	HEAT PUMP #11	D	2.66	1	3	8	10	3/4								SPACE ONLY		1	40
				D	2.66													SPACE ONLY		1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	0.00		0.00		0.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	222.76		1.00		222.76
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	0.00		0.00		0.00
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	4.32		1.00		4.32
R – RECEPTACLES	0.00		0.00		0.00
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	5.00		0.25		1.25
	227.08				228.33

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 800 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 100.1 % B: 100.1 % C: 100.1 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 633.7 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 634.5 A.
+ RESERVED FUTURE CAPACITY: + 80.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 714.5 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

1M2

BUS NUMBER: 172 | AMPERE RATING: 800 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 1M1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: | MIN. KAIC: 65
REMARKS:

| CKT NO. | CIRCUIT BRKR TRIP | CIRCUIT BRKR P | LOAD DESCRIPTION | CODE | LOAD KVA | BRANCH CIRCUIT SETS | PHASE/NEUT. NO | PHASE/NEUT. SIZE | GND SIZE | MIN C

2L1

BUS NUMBER: 211 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 2DP1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	24
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	26
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	28
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	30
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	32
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	34
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	36
37	20	1	SPARE															SPARE	20	1	38
39	20	1	SPARE															SPARE	20	1	40
41	20	1	SPARE															SPARE	20	1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	33.00		0.46		15.20
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	51.75		1.00		51.75
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.40		1.25		1.75
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.00		0.00		0.00
R – RECEPTACLES	1.26		1.00		1.26
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	87.41				70.08

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 225 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 100.1% B: 100.1% C: 100.1%

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 194.5 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 194.7 A.
+ RESERVED FUTURE CAPACITY: + 9.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 203.7 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

2L2

BUS NUMBER: 221 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 2L1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	18
				D	1.75						1	2	12	12	1/2	1.19	L	LIGHTS	20	1	20
21	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.21	L	LIGHTS	20	1	22
				D	1.75											5.00	D				24
25	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	3	8	10	3/4	5.00	D	AIR HANDLER #9	50	3	26
				D	1.75											5.00	D				28
29	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	30
				D	1.75													SPACE ONLY		1	32
33	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	34
				D	1.75						1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2	1	2	12	12	1/2	0.18	R	RECEPTACLES	20	1	38
39	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	6.00		0.50		3.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	51.75		1.00		51.75
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.40		1.25		1.75
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.00		0.00		0.00
R – RECEPTACLES	1.26		1.00		1.26
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	60.41				57.88

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 200 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 96.8 % B: 99.7 % C: 103.7 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 160.6 A.
X LARGEST UNBALANCED PHASE %: x 1.03
TOTAL: 166.6 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 189.1 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

2L3

BUS NUMBER: 231 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 2DP1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	24
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	26
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	28
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	30
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	32
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	34
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	36
37	20	1	SPARE															SPARE	20	1	38
39	20	1	SPARE															SPARE	20	1	40
41	20	1	SPARE															SPARE	20	1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	24.00		0.48		11.60
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	28.00		1.00		28.00
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.27		1.25		1.58
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.00		0.00		0.00
R – RECEPTACLES	1.08		1.00		1.08
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	54.35				42.39

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 150 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 100.1% B: 100.1% C: 100.1%

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 117.6 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 117.8 A.
+ RESERVED FUTURE CAPACITY: + 9.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 126.8 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

2L4

BUS NUMBER: 241 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 2L3 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	2
				D	1.75													SPACE ONLY		1	4
5	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	6
				D	1.75													SPACE ONLY		1	8
9	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	10
				D	1.75													SPACE ONLY		1	12
13	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	14
				D	1.75													SPACE ONLY		1	16
17	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	18
				D	1.75						1	2	12	12	1/2	1.06	L	LIGHTS	20	1	20
21	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.21	L	LIGHTS	20	1	22
				D	1.75													SPACE ONLY		1	24
25	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	26
				D	1.75													SPACE ONLY		1	28
29	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	30
				D	1.75													SPACE ONLY		1	32
33		1	SPACE ONLY															SPACE ONLY		1	34
35		1	SPACE ONLY															SPACE ONLY		1	36
37	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2								SPACE ONLY		1	38
39	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2								SPACE ONLY		1	40
41	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2								SPACE ONLY		1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	6.00		0.50		3.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	28.00		1.00		28.00
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.27		1.25		1.58
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.00		0.00		0.00
R – RECEPTACLES	1.08		1.00		1.08
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	36.35				33.79

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 150 A. | MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD): A: 117.0 % B: 95.6 % C: 87.6 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 93.7 A.
X LARGEST UNBALANCED PHASE %: x 1.17
TOTAL: 109.8 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 132.3 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

2L5

BUS NUMBER: 251 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 2DP1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	N	RECPT – VENDING	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	N	RECPT – VENDING	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	24
25		1	SPACE ONLY															SPACE ONLY		1	26
27		1	SPACE ONLY															SPACE ONLY		1	28
29		1	SPACE ONLY															SPACE ONLY		1	30
31		1	SPACE ONLY								1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	32
33		1	SPACE ONLY													1.75	D				34
35		1	SPACE ONLY								1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37		1	SPACE ONLY													1.75	D				38
39		1	SPACE ONLY								1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41		1	SPACE ONLY													1.75	D				42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	18.00		0.50		9.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	21.00		1.00		21.00
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	0.81		1.24		1.01
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	1.50		1.00		1.50
R – RECEPTACLES	0.72		0.99		0.72
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	42.03				33.35

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 110 A

3L1

BUS NUMBER: 311 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 3DP1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	24
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	26
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	28
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	30
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	32
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	34
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	36
37	20	1	SPARE															SPARE	20	1	38
39	20	1	SPARE															SPARE	20	1	40
41	20	1	SPARE															SPARE	20	1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	33.00		0.46		15.20
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	53.50		1.00		53.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.40		1.25		1.75
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.08		1.00		1.08
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	89.48				72.15

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 225 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 100.1 % B: 100.1 % C: 100.1 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 200.2 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 200.5 A.
+ RESERVED FUTURE CAPACITY: + 9.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 209.5 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

3L2

BUS NUMBER: 321 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 3L1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.50	N	JACUZZI – GFI TYPE	20	1	18
				D	1.75						1	2	12	12	1/2	1.19	L	LIGHTS	20	1	20
21	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.21	L	LIGHTS	20	1	22
				D	1.75											5.00	D				
25	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	3	8	10	3/4	5.00	D	AIR HANDLER #10	50	3	26
				D	1.75											5.00	D				
29	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	30
				D	1.75													SPACE ONLY		1	32
33	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	34
				D	1.75						1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				
39	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	6.00		0.50		3.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	53.50		1.00		53.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.40		1.25		1.75
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.08		1.00		1.08
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	62.48				59.95

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 200 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 101.1 % B: 96.4 % C: 102.6 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 166.4 A.
X LARGEST UNBALANCED PHASE %: x 1.02
TOTAL: 170.8 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 193.3 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

3L3

BUS NUMBER: 331 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 3DP1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	24
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2						1.75	D				
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	28
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2						1.75	D				
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	32
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2						1.75	D				
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2						1.75	D				
39	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41		1	SPACE ONLY													1.75	D				

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	33.00		0.46		15.20
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	38.50		1.00		38.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.21		1.24		1.51
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.08		1.00		1.08
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	74.29				56.91

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 175 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 100.1 % B: 100.1 % C: 100.1 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 157.9 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 158.1 A.
+ RESERVED FUTURE CAPACITY: + 9.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 167.1 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

3L4

BUS NUMBER: 341 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 3L3 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.50	N	JACUZZI – GFI TYPE	20	1	18
				D	1.75						1	2	12	12	1/2	1.06	L	LIGHTS	20	1	20
21	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.15	L	LIGHTS	20	1	22
				D	1.75													SPACE ONLY		1	24
25	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	26
				D	1.75													SPACE ONLY		1	28
29	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	30
				D	1.75													SPACE ONLY		1	32
33	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	34
				D	1.75						1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				
39	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	6.00		0.50		3.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	38.50		1.00		38.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.21		1.24		1.51
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.08		1.00		1.08
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	47.29				44.71

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 175 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 101.1 % B: 95.3 % C: 103.9 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 124.1 A.
X LARGEST UNBALANCED PHASE %: x 1.03
TOTAL: 128.9 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 151.4 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

3L5

BUS NUMBER: 351 | AMPERE RATING: 225 | VOLTAGE (L–L): 208 | PHASE: 3
SERVED FROM: 3DP1 | MAIN TYPE: MAIN LUGS ONLY | VOLTAGE (L–N): 120 | WIRE: 4
MOUNTING: SURFACE | LUG OPTIONS: SUB–FEED | MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT SETS	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	N	RECPT – VENDING	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	N	RECPT – VENDING	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	24
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2						1.75	D				
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	28
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2						1.75	D				
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	32
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2						1.75	D				
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2						1.75	D				
39	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2

4L1

BUS NUMBER: 411 AMPERE RATING: 225 VOLTAGE (L–L): 208 PHASE: 3
SERVED FROM: 4DP1 MAIN TYPE: MAIN LUGS ONLY VOLTAGE (L–N): 120 WIRE: 4
MOUNTING: SURFACE LUG OPTIONS: SUB–FEED MIN. KAIC: 10
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	18
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	24
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	26
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	28
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	30
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	32
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	34
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	36
37	20	1	SPARE															SPARE	20	1	38
39	20	1	SPARE															SPARE	20	1	40
41	20	1	SPARE															SPARE	20	1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	33.00		0.46		15.20
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	53.50		1.00		53.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.40		1.25		1.75
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.26		1.00		1.26
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	89.66				72.33

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 225 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 100.1 % B: 100.1 % C: 100.1 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 200.7 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 201.0 A.
+ RESERVED FUTURE CAPACITY: + 9.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 210.0 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

4L2

BUS NUMBER: 421 AMPERE RATING: 225 VOLTAGE (L–L): 208 PHASE: 3
SERVED FROM: 4L1 MAIN TYPE: MAIN LUGS ONLY VOLTAGE (L–N): 120 WIRE: 4
MOUNTING: SURFACE LUG OPTIONS: MIN. KAIC: 10
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.50	N	JACUZZI – GFI TYPE	20	1	18
				D	1.75						1	2	12	12	1/2	1.19	L	LIGHTS	20	1	20
21	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.21	L	LIGHTS	20	1	22
				D	1.75											5.00	D				
25	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	3	8	10	3/4	5.00	D	AIR HANDLER #11	50	3	26
				D	1.75											5.00	D				
29	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	30
				D	1.75													SPACE ONLY		1	32
33	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	34
				D	1.75						1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	RECEPTACLES	R	0.54	1	2	12	12	1/2						1.75	D				
39	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	6.00		0.50		3.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	53.50		1.00		53.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.40		1.25		1.75
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.26		1.00		1.26
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	62.66				60.13

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 200 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 101.7 % B: 96.2 % C: 102.3 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 166.9 A.
X LARGEST UNBALANCED PHASE %: x 1.02
TOTAL: 170.9 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 193.4 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

4L3

BUS NUMBER: 431 AMPERE RATING: 225 VOLTAGE (L–L): 208 PHASE: 3
SERVED FROM: 4DP1 MAIN TYPE: MAIN LUGS ONLY VOLTAGE (L–N): 120 WIRE: 4
MOUNTING: SURFACE LUG OPTIONS: SUB–FEED MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2						31.33	D				
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	3	350	4	2–1/2	31.33	D	OUTSIDE AIR UNIT #1	300	3	16
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2						31.33	D				
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	20
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	22
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	24
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2						1.75	D				
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	28
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2						1.75	D				
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	32
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2						1.75	D				
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2						1.75	D				
39	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41	20	1	SPARE													1.75	D				

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	33.00		0.46		15.20
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	38.50		1.00		38.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.27		1.25		1.58
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.26		1.00		1.26
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	74.53				57.17

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 175 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 100.1 % B: 100.1 % C: 100.1 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 158.6 A.
X LARGEST UNBALANCED PHASE %: x 1.00
TOTAL: 158.8 A.
+ RESERVED FUTURE CAPACITY: + 9.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 167.8 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

4L4

BUS NUMBER: 441 AMPERE RATING: 225 VOLTAGE (L–L): 208 PHASE: 3
SERVED FROM: 4L3 MAIN TYPE: MAIN LUGS ONLY VOLTAGE (L–N): 120 WIRE: 4
MOUNTING: SURFACE LUG OPTIONS: MIN. KAIC: 14
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	2
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	4
5	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	6
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	8
9	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 1	20	1	10
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT APPLNCE 2	20	1	12
13	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.75	B	ROOM RECPT R/R	20	1	14
				D	1.75						1	2	12	12	1/2	0.75	B	ROOM RECPT / LIGHTS	20	1	16
17	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.50	N	JACUZZI – GFI TYPE	20	1	18
				D	1.75						1	2	12	12	1/2	1.06	L	LIGHTS	20	1	20
21	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2	1	2	12	12	1/2	0.21	L	LIGHTS	20	1	22
				D	1.75													SPACE ONLY		1	24
25	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	26
				D	1.75													SPACE ONLY		1	28
29	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	30
				D	1.75													SPACE ONLY		1	32
33	25	2	GUEST ROOM PTU	D	1.75	1	2	10	10	1/2								SPACE ONLY		1	34
				D	1.75						1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	36
37	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				
39	20	1	RECEPTACLES	R	0.54	1	2	12	12	1/2	1	2	10	10	1/2	1.75	D	GUEST ROOM PTU	25	2	40
41	20	1	RECEPTACLES	R	0.36	1	2	12	12	1/2						1.75	D				

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	6.00		0.50		3.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	38.50		1.00		38.50
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – GENERAL LIGHTING	1.27		1.25		1.58
M – MISC. CONTINUOUS	0.00		0.00		0.00
N – MISC. NONCONTINUOUS	0.50		0.99		0.50
R – RECEPTACLES	1.26		1.00		1.26
W – WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	0.50		0.25		0.12
	47.53				44.97

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 175 A. MIN. NEC ART. 220 FEEDER SIZE:

PHASE BALANCE (% OF TOTAL LOAD) A: 100.6 % B: 96.3 % C: 103.3 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 124.8 A.
X LARGEST UNBALANCED PHASE %: x 1.03
TOTAL: 129.0 A.
+ RESERVED FUTURE CAPACITY: + 22.5 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 151.5 A.

* NON–COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

F – BREAKER TO BE ARC FAULT TYPE
G – BREAKER TO BE GFI TYPE
O – BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S – BREAKER TO BE SHUNT TRIP TYPE

4L5

BUS NUMBER: 451 AMPERE RATING: 600 VOLTAGE (L–L): 208 PHASE: 3
SERVED FROM: 4DP1 MAIN TYPE: MAIN LUGS ONLY VOLTAGE (L–N): 120 WIRE: 4
MOUNTING: SURFACE LUG OPTIONS: SUB–FEED MIN. KAIC: 25
REMARKS:

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT ES	PHASE/NEUT. NO	PHASE/NEUT. SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	N	RECPT – VENDING	20	1	2
3	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.75	N	RECPT – VENDING	20	1	4
5	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2	1	2	12	12	1/2	0.72	R	RECEPTACLES	20	1	6
7	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	8
9	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	10
11	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2								SPACE ONLY		1	12
13	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2											
15	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2											
17	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2											
19	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2											
21	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2											
23	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2											
25	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2											
27	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2											
29	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2											
31	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2											
33	20	1	ROOM RECPT APPLNCE 1	B	0.75	1	2	12	12	1/2											
35	20	1	ROOM RECPT APPLNCE 2	B	0.75	1	2	12	12	1/2											
37	20	1	ROOM RECPT R/R	B	0.75	1	2	12	12	1/2											
39	20	1	ROOM RECPT / LIGHTS	B	0.75	1	2	12	12	1/2											
41		1	SPACE ONLY																		

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A – HOSPITAL LIGHTING	0.00		0.00		0.00
B – HOTEL/MOTEL LIGHTING	30.00		0.46		14.00
C – SPACE COOLING*	0.00		0.00		0.00
D – OTHER HVAC LOADS	128.99		1.00		128.99
H – SPACE HEATING*	0.00		0.00		0.00
K – KITCHEN APPLIANCES	0.00		0.00		0.00
L – G

EMERGENCY DIESEL GENERATOR

200KVA 120/208V 3-PHASE 4-WIRE

SERVED FROM: N/A
REMARKS:

VOLTAGE (L-L): 208
VOLTAGE (L-N): 120

CONNECTED LOAD (KVA): 185.0
DEMAND LOAD (KVA): 187.4
CONNECTED LOAD (AMPS): 513.6
DEMAND LOAD (AMPS): 520.2

MARK	LOAD DESCRIPTION	CODE	LOAD KVA	MINIMUM STARTER SIZE	CIRCUIT BREAKER TRIP OR FUSE SIZE	DEVICE TYPE	BRANCH CIRCUIT SETS	BRANCH CIRCUIT PHASE/NEUT. NO	BRANCH CIRCUIT PHASE/NEUT. SIZE	BRANCH CIRCUIT GND SIZE	BRANCH CIRCUIT MIN CND SIZE	REMARKS
1	FP-1	X	79.6		400	CIRCUIT BRKR	1	3	350	3/0	3	SEE DETAIL 5/E6.4 FOR MORE INFO
2	ATS	X	105.4		400	CIRCUIT BRKR	1	4	500	3	3-1/2	SEE SHEET E4.1 FOR MORE INFO

1E1

BUS NUMBER: 71
SERVED FROM: ATS
MOUNTING: SURFACE
REMARKS:

AMPERE RATING: 400
MAIN TYPE: MAIN LUGS ONLY
LUG OPTIONS: SUB-FEED

VOLTAGE (L-L): 208
VOLTAGE (L-N): 120

PHASE: 3
WIRE: 4
MIN. KAIC: 65

	CKT NO.	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	LOAD DESCRIPTION	CODE	LOAD KVA	BRANCH CIRCUIT SETS	BRANCH CIRCUIT PHASE/NEUT. NO	BRANCH CIRCUIT PHASE/NEUT. SIZE	BRANCH CIRCUIT GND SIZE	BRANCH CIRCUIT MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	CKT NO.	
S	3	250	3	ELEVATOR MOTOR #1	N	14.41						14.41	N					
					N	14.41	1	3	250	4	2-1/2	14.41	N	ELEVATOR MOTOR #2	250	3	4	S
					N	14.41						14.41	N					
	7		1	SPACE ONLY										SPACE ONLY		1	8	
	9		1	SPACE ONLY										SPACE ONLY		1	10	
	11		1	SPACE ONLY										SPACE ONLY		1	12	
	13		1	SPACE ONLY								0.30	N					
	15		1	SPACE ONLY			1	3	12	12	1/2	0.30	N	SUMP PUMP (ELEV) #2	20	3	16	
	17		1	SPACE ONLY								0.30	N					
S	19	20	2	ELEV #1 LIGHT/CNTRL	M	1.00	1	3	12	12	1/2	0.30	N					
					M	1.00	1	3	12	12	1/2	0.30	N	SUMP PUMP (ELEV) #1	20	3	22	
S	23	20	2	ELEV #2 LIGHT/CNTRL	M	1.00	1	3	12	12	1/2	0.30	N					
					M	1.00						0.72	N	RECPT - MPBX	20	1	26	
O	27	20	1	LIGHTS - FAA	L	0.50	1	2	12	12	1/2	1.00	M	ELEV PREACTION PANEL	20	1	28	O
O	29	20	1	LIGHTS - FAA	L	0.50	1	2	12	12	1/2	0.50	M	FIRE ALARM PANEL	20	1	30	O
					N	2.10						1.00	M	RECPT - TELECOM	20	1	32	
	33	35	3	GRINDER PUMP #1	N	2.10	1	3	8	10	3/4	1.00	L	LIGHTS - STAIRS	20	1	34	
					N	2.10						1.00	L	LIGHTS - STAIRS	20	1	36	
	37	20	1	SPARE										SPARE	20	1	38	
	39	20	1	SPARE										SPARE	20	1	40	
	41	20	1	SPARE										SPARE	20	1	42	

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00		0.00		0.00
B - HOTEL/MOTEL LIGHTING	0.00		0.00		0.00
C - SPACE COOLING*	0.00		0.00		0.00
D - OTHER HVAC LOADS	0.00		0.00		0.00
H - SPACE HEATING*	0.00		0.00		0.00
K - KITCHEN APPLIANCES	0.00		0.00		0.00
L - GENERAL LIGHTING	3.00		1.25		3.75
M - MISC. CONTINUOUS	6.50		1.25		8.12
N - MISC. NONCONTINUOUS	95.28		0.90		85.75
R - RECEPTACLES	0.00		0.00		0.00
W - WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	40.00		0.25		10.00
	104.78				107.62

PHASE BALANCE (% OF TOTAL LOAD)
A: 101.0 % B: 100.3 % C: 98.9 %

BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 298.7 A.
X LARGEST UNBALANCED PHASE %: x 1.01
TOTAL: 301.7 A.
+ RESERVED FUTURE CAPACITY: + 20.0 A.
TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 321.7 A.

MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 350 A.
MIN. NEC ART. 220 FEEDER SIZE:

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.

A BREAKER TO BE ARC FAULT TYPE
G BREAKER TO BE GFI TYPE
O BREAKER TO BE LOCKABLE IN THE "ON" POSITION
S BREAKER TO BE SHUNT TRIP TYPE

SWITCHBOARD SCHEDULE

MSB

BUS NUMBER: 50
SERVED FROM: UTIL
MINIMUM KAIC: 85
REMARKS: SOLID STATE MAIN WITH GFI PROTECTION

AMPERE RATING: 4000
MAIN TYPE: MAIN BREAKER

VOLTAGE (L-L): 208
VOLTAGE (L-N): 120

PHASE: 3
WIRE: 4

MARK	LOAD DESCRIPTION	CODE	LOAD KVA	CIRCUIT BREAKER FRAME OR FUSED SWITCH SIZE	CIRCUIT BREAKER TRIP OR FUSE SIZE	DEVICE TYPE	FEEDER SETS	FEEDER PHASE/NEUT. NO	FEEDER PHASE/NEUT. SIZE	FEEDER GND SIZE	FEEDER MIN CND SIZE	REMARKS
1	ATS	X	104.7	600	400	CIRCUIT BRKR	1	4	500	3	3-1/2	
2	1L1	X	66.7	400	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
3	1L3	X	75.0	400	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
4	1M1	X	227.0	800	800	CIRCUIT BRKR	2	4	500	1/0	3-1/2	
5	1P1	X	106.5	400	400	CIRCUIT BRKR	1	4	500	3	3-1/2	
6	1S1	X	35.3	225	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
7	2L1	X	87.4	225	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
8	2L3	X	54.3	225	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
9	2L5	X	42.0	400	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
10	3L1	X	89.4	225	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
11	3L3	X	74.2	225	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
12	3L5	X	68.0	400	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
13	4L1	X	89.6	225	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
14	4L3	X	74.5	400	225	CIRCUIT BRKR	1	4	4/0	4	2-1/2	
15	4L5	X	162.6	800	600	CIRCUIT BRKR	2	4	350	1	3	
16	SPARE			400	225							
17	SPACE			400								

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)***	X	NEC ART. 220 FEEDER SIZING FACTOR	=	NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00		0.00		0.00
B - HOTEL/MOTEL LIGHTING	276.00		0.34		94.80
C - SPACE COOLING*	0.00		0.00		0.00
D - OTHER HVAC LOADS	740.46		1.00		740.46
H - SPACE HEATING*	15.00		1.25		18.75
K - KITCHEN APPLIANCES	23.59		0.65		15.33
L - GENERAL LIGHTING	63.27		1.25		79.08
M - MISC. CONTINUOUS	45.23		1.25		56.53
N - MISC. NONCONTINUOUS	165.55		0.70		115.88
R - RECEPTACLES	28.80		0.67		19.40
W - WAREHOUSE LIGHTING	0.00		0.00		0.00
LARGEST MOTOR**	40.00		0.25		10.00
	1357.90				1150.25

BALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD (AMPS): 3192.7 A.
+ RESERVED FUTURE CAPACITY: + 400.0 A.
TOTAL NEC ART. 220 FEEDER SIZING LOAD: 3592.7 A.

MIN. NEC ART. 220 OVERCURRENT PROTECTION:
MIN. NEC ART. 220 FEEDER SIZE:

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS DEVICE.

--	GEN	MSB
--	1E1	--

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REVISIONS

No.	Date	Description

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NORTH CAROLINA
R. SHANE RITTER
License No. 28401
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
SEAL
9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
MSB & Distribution Panel Schedules

Phase
Construction Documents

Project No. 12-111
Prepared by RSR
Checked by RSR
Date Sept. 16, 2013

Sheet No.
E5.5

Released for
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Hampton Inn and Suites

PROJECT EQUIPMENT CONNECTION SCHEDULE

CONNECTION DESIGNATION	LOAD DESCRIPTION	VOLTS	PHASE	LOAD INFORMATION						STARTER INFORMATION							DISCONNECT INFORMATION							CIRCUIT INFORMATION									CONNECTION NOTES	CONNECTION DESIGNATION
				HP	KVA	AMPS	MCA	MOCP	EMERG. POWER REQD.	FURN. BY	INST. BY	NEMA SIZE	TYPE	STARTER DISCONNECT TYPE	TRIP OR FUSE SIZE	NEMA ENCL TYPE	FURN. BY	INST. BY	TYPE	SWITCH RATING	POLE	FUSE OR TRIP RATING	NEMA ENCL TYPE	CIRCUIT ID	CIRCUIT BRKR TRIP	CIRCUIT BRKR P	BRANCH CIRCUIT S	BRANCH CIRCUIT S	BRANCH CIRCUIT PHASE/NEUT. NO	BRANCH CIRCUIT PHASE/NEUT. SIZE	BRANCH CIRCUIT GND SIZE	BRANCH CIRCUIT MIN CND SIZE		
AHU-01	AIR HANDLER #1	208	3	N/A	11.00	30.5	32.5	35	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-3	35	3	1	3	8	10	3/4	1 3 10	AHU-01
AHU-02	AIR HANDLER #2	208	3	N/A	16.00	44.4	47.5	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-4	50	3	1	3	8	10	3/4	1 3 10	AHU-02
AHU-03	AIR HANDLER #3	208	3	N/A	15.00	41.6	46	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-9	50	3	1	3	8	10	3/4	1 3 10	AHU-03
AHU-04	AIR HANDLER #4	208	3	N/A	12.00	33.3	38	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-10	40	3	1	3	8	10	3/4	1 3 10	AHU-04
AHU-05	AIR HANDLER #5	208	3	N/A	15.00	41.6	46	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-15	50	3	1	3	8	10	3/4	1 3 10	AHU-05
AHU-06	AIR HANDLER #6	208	3	N/A	15.00	41.6	46	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-16	50	3	1	3	8	10	3/4	1 3 10	AHU-06
AHU-07	AIR HANDLER #7	208	3	N/A	15.00	41.6	46	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-21	50	3	1	3	8	10	3/4	1 3 10	AHU-07
AHU-08	AIR HANDLER #8	208	3	N/A	10.00	27.7	31	35	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	1M2-22	35	3	1	3	8	10	3/4	1 3 10	AHU-08
AHU-09	AIR HANDLER #9	208	3	N/A	15.00	41.6	46	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	2L2-26	50	3	1	3	8	10	3/4	1 3 10	AHU-09
AHU-10	AIR HANDLER #10	208	3	N/A	15.00	41.6	46	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	3L2-26	50	3	1	3	8	10	3/4	1 3 10	AHU-10
AHU-11	AIR HANDLER #11	208	3	N/A	15.00	41.6	46	50	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	1	4L2-26	50	3	1	3	8	10	3/4	1 3 10	AHU-11
BP-1	BOOSTER PUMP #1	208	3	3/4	1.33	3.7	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	3R	1M2-40	20	3	1	3	12	12	1/2		BP-1
CB-1	COFFEE BREWER #1	208	3	N/A	15.10	41.9	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A			1L3-22	60	3	1	3	6	10	1	1 2 4	CB-1
CO-1	CONVECTION OVER #1	208	1	N/A	2.90	13.9	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A			1L3-23	20	2	1	2	12	12	1/2	1 2 4	CO-1
CP-1	RECIRC PUMP #1	120	1	1/6	0.52	4.4	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	MOTOR-RTD SWITCH	30	1	N/A	3R	1M2-33	20	1	1	1	12	12	1/2	1 2 4	CP-1
CP-2	RECIRC PUMP #2	120	1	3/4	1.65	13.8	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	MOTOR-RTD SWITCH	30	1	N/A	3R	1M2-35	25	1	1	1	10	10	1/2	1 2 4	CP-2
D-1	CLOTHES DRYER #1	208	3	N/A	8.00	22.2	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	1	1L3-4	30	3	1	4	10	10	3/4	1 2 5	D-1
D-2	CLOTHES DRYER #2	208	3	N/A	8.00	22.2	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	1	1L3-10	30	3	1	4	10	10	3/4	1 2 5	D-2
D-3	CLOTHES DRYER #3	208	3	N/A	8.00	22.2	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	1	1L3-16	30	3	1	4	10	10	3/4	1 2 5	D-3
D-4	CLOTHES DRYER #4	208	1	N/A	5.00	24.0	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A			1L1-10	30	2	1	3	10	10	3/4	1 2 5	D-4
D-5	CLOTHES DRYER #5	208	1	N/A	5.00	24.0	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A			1L1-14	30	2	1	3	10	10	3/4	1 2 5	D-5
DHP-1	DHP-1	208	1	N/A	3.50	16.8	18	30	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	2	N/A	3R	1M2-29	30	2	1	2	10	10	1/2	1 4 15	DHP-1
DHP-2	DHP-2	208	1	N/A	2.50	12.0	13	20	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	2	N/A	3R	1M2-25	20	2	1	2	12	12	1/2	1 4 15	DHP-2
EF-1	EXHAUST FAN #1	120	1	N/A	0.03	0.2	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	MOTOR-RTD SWITCH	30	1	N/A	1		20	1	1	2	12	12	1/2	1 2 3 7 11	EF-1
EL-1	ELEV #1 LIGHT/CNTRL	208	1	N/A	2.00	9.6	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	FUSED SWITCH	30	2	20	1	1E1-19	20	2	1	3	12	12	1/2	1 2 4 9 12 14	EL-1
EL-2	ELEV #2 LIGHT/CNTRL	208	1	N/A	2.00	9.6	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	FUSED SWITCH	30	2	20	1	1E1-23	20	2	1	3	12	12	1/2	1 2 4 9 12 14	EL-2
EM-1	ELEVATOR MOTOR #1	208	3	40	43.23	120.0	N/A	N/A	YES	EQ. MFR.	DIV. 16	4	SEE NOTES	N/A		1	DIV. 16	DIV. 16	ENCLOSED CB	N/A	3	300	1	1E1-3	250	3	1	3	250	4	2-1/2	1 4 9 12 14	EM-1
EM-2	ELEVATOR MOTOR #2	208	3	40	43.23	120.0	N/A	N/A	YES	EQ. MFR.	DIV. 16	4	SEE NOTES	N/A		1	DIV. 16	DIV. 16	ENCLOSED CB	N/A	3	300	1	1E1-4	250	3	1	3	250	4	2-1/2	1 4 9 12 14	EM-2
FP-1	FIRE PUMP #1	208	3	75	79.61	221.0	N/A	N/A	YES	EQ. MFR.	DIV. 16	5	SEE NOTES	N/A		3R	DIV. 16	DIV. 16	FUSED SWITCH	1200	3	SEE NOTES	3R	FP-1-UT	600	3	1	4	300	1	3	1 4 13	FP-1
GP-1	GRINDER PUMP #1	208	3	5	6.30	17.5	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1E1-33	35	3	1	3	8	10	3/4	1 4	GP-1
HP-01A	HEAT PUMP #1A	208	3	N/A	7.50	20.8	21	35	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-3	35	3	1	3	8	10	3/4	1 4	HP-01A
HP-01B	HEAT PUMP #1B	208	3	N/A	7.50	20.8	21	35	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-4	35	3	1	3	8	10	3/4	1 4	HP-01B
HP-02A	HEAT PUMP #2A	208	3	N/A	7.50	20.8	21	35	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-9	35	3	1	3	8	10	3/4	1 4	HP-02A
HP-02B	HEAT PUMP #2B	208	3	N/A	7.50	20.8	21	35	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-10	35	3	1	3	8	10	3/4	1 4	HP-02B
HP-03	HEAT PUMP #3	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-15	40	3	1	3	8	10	3/4	1 4	HP-03
HP-04	HEAT PUMP #4	208	3	N/A	3.80	10.5	11	20	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	3R	1M1-16	20	3	1	3	12	12	1/2	1 4	HP-04
HP-05	HEAT PUMP #5	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-21	40	3	1	3	8	10	3/4	1 4	HP-05
HP-06	HEAT PUMP #6	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-22	40	3	1	3	8	10	3/4	1 4	HP-06
HP-07	HEAT PUMP #7	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-27	40	3	1	3	8	10	3/4	1 4	HP-07
HP-08	HEAT PUMP #8	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-28	40	3	1	3	8	10	3/4	1 4	HP-08
HP-09	HEAT PUMP #9	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-33	40	3	1	3	8	10	3/4	1 4	HP-09
HP-10	HEAT PUMP #10	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-34	40	3	1	3	8	10	3/4	1 4	HP-10
HP-11	HEAT PUMP #11	208	3	N/A	8.00	22.2	24	40	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	60	3	N/A	3R	1M1-39	40	3	1	3	8	10	3/4	1 4	HP-11
IC-1	ICE MAKER #1	208	1	N/A	3.00	14.4	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	3R	1L3-19	30	2	1	2	10	10	1/2	1 2 4	IC-1
OAU-1	OUTSIDE AIR UNIT #1	208	3	N/A	90.00	249.8	271	300	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	400	3	N/A	3R	4L5-16	300	3	1	3	350	4	2-1/2	1 4 8 10	OAU-1
PTU	PACK. TERMINAL UNIT	208	1	N/A	3.50	16.8	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A				25	2	1	3	10	10	3/4	1 2 5 6 11	PTU
SP-1	SUMP PUMP (ELEV) #1	208	3	1/2	0.90	2.5	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	5	1E1-22	20	3	1	3	12	12	1/2	1 2 4 9	SP-1
SP-2	SUMP PUMP (ELEV) #2	208	3	1/2	0.90	2.5	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	5	1E1-16	20	3	1	3	12	12	1/2	1 2 4 9	SP-2
W-1	CLOTHES WASHER #1	208	3	N/A	4.00	11.1	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	5	1L3-3	20	3	1	3	12	12	1/2	1 4 5	W-1
W-2	CLOTHES WASHER #2	208	3	N/A	4.00	11.1	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	5	1L3-9	20	3	1	3	12	12	1/2	1 4 5	W-2
W-3	CLOTHES WASHER #3	208	3	N/A	4.00	11.1	N/A	N/A	NO	N/A	N/A	N/A	N/A	N/A		N/A	DIV. 16	DIV. 16	NON-FUSED SWITCH	30	3	N/A	5	4L5-16	20	3	1	3	12	12	1/2	1 4 5	W-3

1. VERIFY EQUIPMENT LOCATIONS AND REQUIREMENTS BEFORE ROUGH IN.
2. CONNECT THROUGH JUNCTION BOX MOUNTED ON OR ADJASCENT TO EQUIPMENT.
3. MAKE FINAL CONNECTION USING FLEXIBLE METALLIC CONDIUT.
4. MAKE FINAL CONNECTION USING LIQUID TIGHT FLEXIBLE CONDIUT.
5. CONNECT THROUGH SINGLE RECEPTACLE. PROVIDE CONFIGURATION AS REQUIRED.
6. UNIT MOUNTED ON SIDE WALL.
7. UNIT LOCATED IN OR ABOVE CEILING.
8. UNIT LOCATED ON ROOF.
9. BREAKER SUPPLYING THIS LOAD TO BE SHUNT TRIP TYPE.
10. INSTALL DUCT TYPE SMOKE DETECTOR (SEE DETAIL 2/E6.3)
11. SEE FLOOR PLANS FOR CIRCUIT ASSIGNMENT FOR EACH OCCURANCE.
12. SEE DETAIL 3/E6.3 FOR INFORMATION ON ELEVATOR CONNECTION.
13. ELECTRICAL ALTERNATE #1 – SEE DETAIL 5/E6.4 & RISER DIAGRAM (E4.1).
14. DISCONNECT (OR BREAKER) TO HAVE 2 NO & 2 NC AUX CONTACTS
15. INDOOR UNIT (DAHU) TO BE POWERED FROM THIS UNT.

EQ. SCHED.

– –	– –	– –

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REVISIONS		
No.	Date	Description

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NORTH CAROLINA
R. SHANE RITTER
License No. 23401
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING
9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Electrical Equipment Connection Schedule

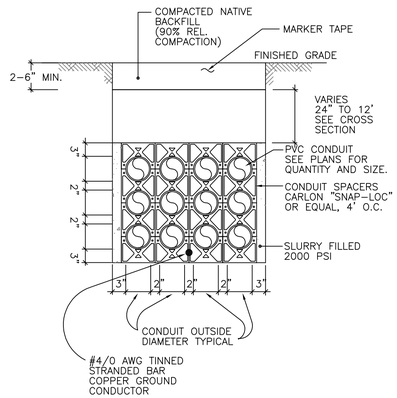
Phase
Construction Documents

Project No. 12-111
Prepared by RSR
Checked by RSR
Date Sept. 16, 2013

Sheet No. E5.6

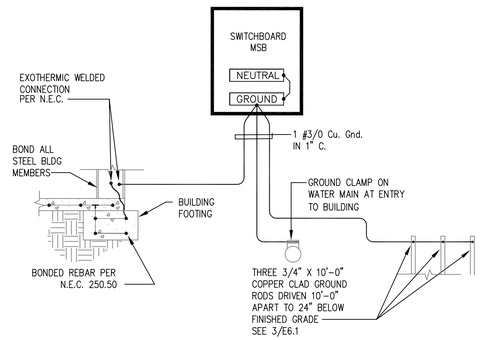
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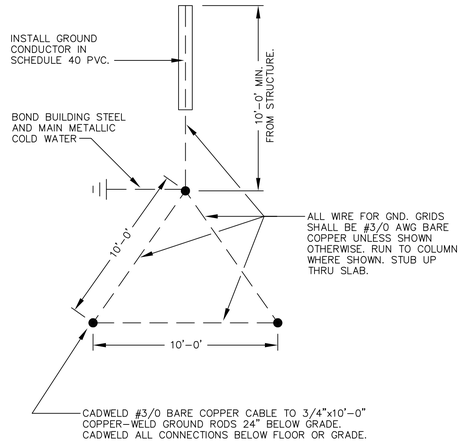
1 E6.1 SERVICE DUCT BANK

SCALE: NO SCALE



2 E6.1 GROUND DETAIL

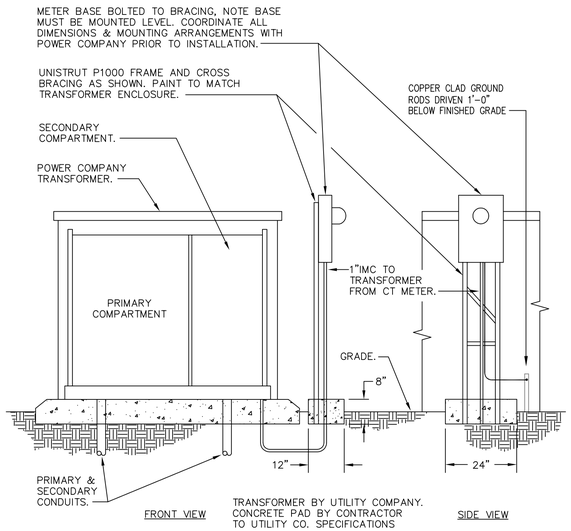
SCALE:NO SCALE



NOTE:
PROVIDE A COMPLETE GROUNDING SYSTEM MEETING ALL REQUIREMENTS OF NEC ARTICLE 250.50 PARTS a,b,c, AND d.

3 E6.1 SERVICE GROUNDING GRID

SCALE: NO SCALE



4 E6.1 TRANSFORMER / METERBASE

SCALE: NO SCALE

TABLE "A" - WORKING CLEARANCES			
VOLTAGE TO GROUND, NOMINAL	CONDITION: 1	2	3
	MIN. CLEAR DISTANCE (FT)		
0-150	3	3	3
151-600	3	3 1/2	4

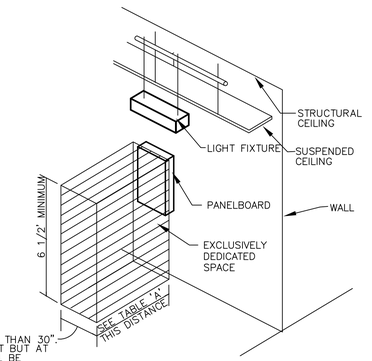
WHERE THE CONDITIONS ARE AS FOLLOWS:
1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS.

2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE.

3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

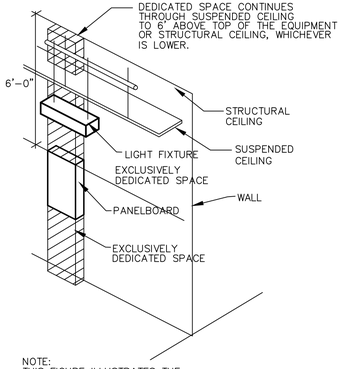
30" OR WIDTH OF EQUIPMENT IF EQUIPMENT IS WIDER THAN 30" DOES NOT HAVE TO BE CENTERED ON THE EQUIPMENT BUT AT LEAST EVEN WITH ONE EDGE. EQUIPMENT DOOR SHALL BE ABLE TO OPEN AT LEAST 90 DEG.

NOTE: THIS INCLUDES BUT IS NOT LIMITED TO PANELBOARDS, SAFETY SWITCHES, MOTOR STARTERS, JUNCTION BOXES AND OTHER ELECTRIC EQUIPMENT.



NOTE: THIS FIGURE ILLUSTRATES THE WORKING SPACE IN FRONT OF ELECTRIC EQUIPMENT REQUIRED BY SECTION 110-26 (a) OF THE NATIONAL ELECTRIC CODE.

ALL ELECTRIC EQUIPMENT



NOTE:
THIS FIGURE ILLUSTRATES THE ADDITIONAL EXCLUSIVELY DEDICATED SPACE REQUIRED OVER AND UNDER PANELBOARDS FOR CABLES, RACEWAYS, ETC. TO AND FROM PANELBOARDS REQUIRED BY SECTION 110-26 (f) OF THE NATIONAL ELECTRICAL CODE.

PANELBOARDS

NOTE: NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO THE ELECTRICAL EQUIPMENT OR ARCHITECTURAL APPURTENANCES SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THROUGH THE DEDICATED SPACES SHOWN ABOVE.

5 E6.1 DEDICATED WORKING SPACE FOR EQUIPMENT

SCALE: NO SCALE

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No.	Date	Description

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9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Electrical Service, Grounding, and Power Details

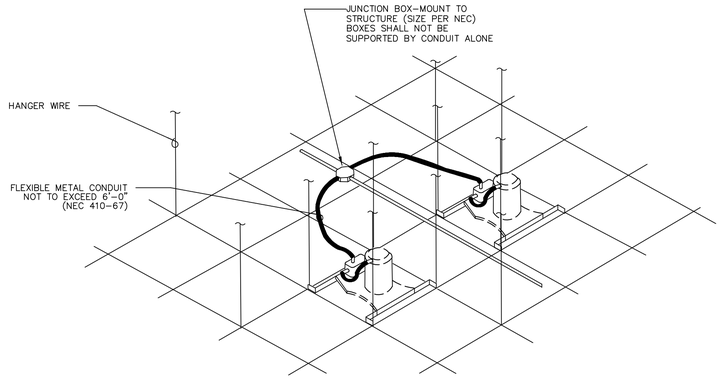
Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No. E6.1

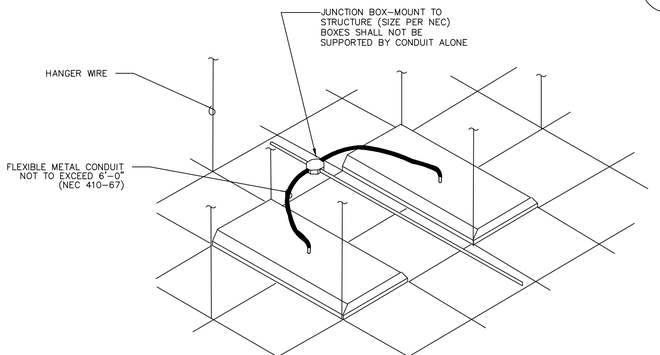
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Hampton Inn and Suites



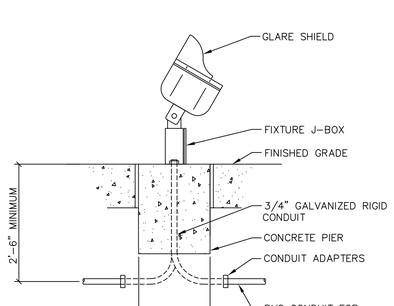
NOTE:
1. LIGHTING FIXTURE SHALL BE FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS, SUCH AS BOLTS, SCREWS, OR RIVETS. IN NON–ACCESSIBLE CEILINGS, CENTER IN FACE ELEMENT OF CEILING AS DIRECTED BY ARCHITECT.

1 E6.2 RECESSED DOWNLIGHT
SCALE: NO SCALE

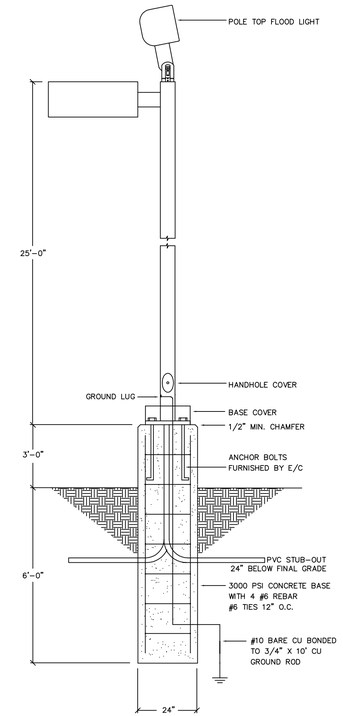


NOTE:
1. LIGHTING FIXTURE SHALL BE FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS, SUCH AS BOLTS, SCREWS, OR RIVETS. CLIPS IDENTIFIED FOR USE WITH THE TYPE OF CEILING FRAMING MEMBER(S). AND FIXTURE(S) SHALL ALSO BE PERMITTED.

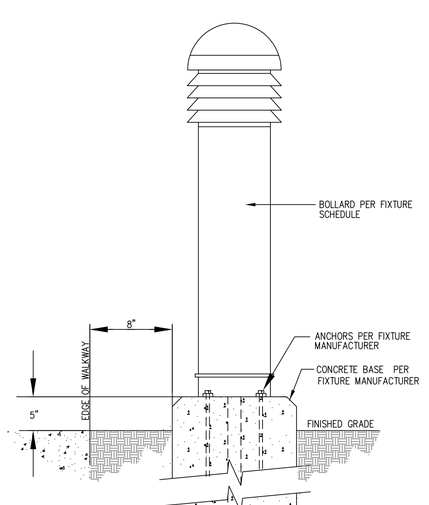
4 E6.2 2X4 LAY–IN FIXTURE
SCALE: NO SCALE



3 E6.2 FLAG POLE LIGHT DETAIL
SCALE: NO SCALE



2 E6.2 POLE LIGHT DETAIL
SCALE: NO SCALE



5 E6.2 BOLLARD DETAIL
SCALE: NO SCALE

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Electrical Lighting Details

Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No.
E6.2

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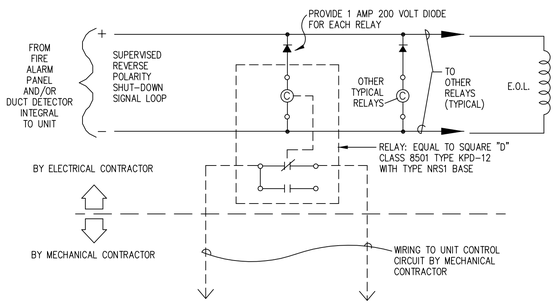
Hampton Inn and Suites

ELECTRICAL CONTRACTOR TO PROVIDE, INSTALL, AND WIRE RELAYS, WIRED AS SHOWN, ONE FOR EACH HEAT PUMP/ AIR HANDLING UNIT IN MECHANICAL DESIGN. RELAYS TO BE INSTALLED IN NEMA-1 ENCLOSURE ADJACENT TO MECHANICAL CONTROLS.

COORDINATE NUMBER AND LOCATION OF RELAYS IN EACH MECHANICAL ROOM WITH MECHANICAL CONTRACTOR.

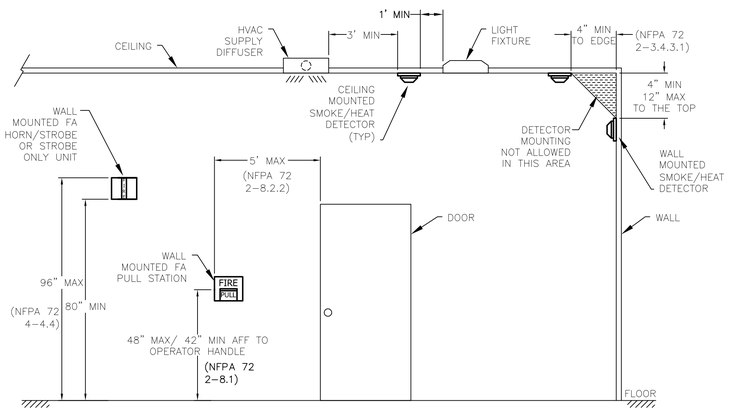
SHUTDOWN SIGNAL CIRCUIT POWER SUPPLY SHALL BE CAPABLE OF PROVIDING POWER TO (35) 3.5 WATT, 24 VOLT D.C. RELAYS IN ADDITION TO OTHER NORMAL FIRE ALARM POWER REQUIREMENTS.

UNITS GREATER THAN 2000CFM MUST HAVE INTEGRAL DUCT DETECTOR THAT SHUTS UNIT DOWN



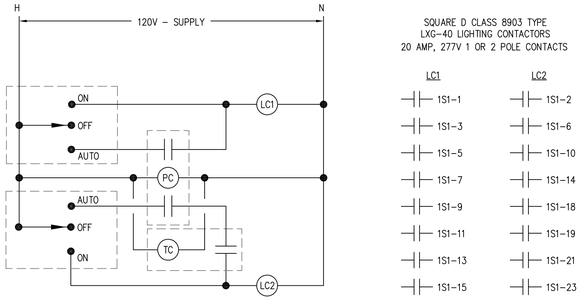
2 E6.3 FIRE ALARM SHUT DOWN CIRCUITRY FOR HVAC

SCALE: NO SCALE



1 E6.3 FIRE ALARM DEVICE MOUNTING

SCALE: NO SCALE



(PC) PHOTOELECTRIC CONTROL - TORK #2104 OR EQUAL MOUNT ON ROOF FACING NORTH

(TC) CPU BASED TIME CLOCK WITH BATTERY BACK-UP POWER

(LC#) LIGHTING CONTACTOR COIL TO CONTROL LIGHTING CONTACTORS

SQUARE D CLASS 8903 TYPE LXG-40 LIGHTING CONTACTORS 20 AMP, 277V 1 OR 2 POLE CONTACTS

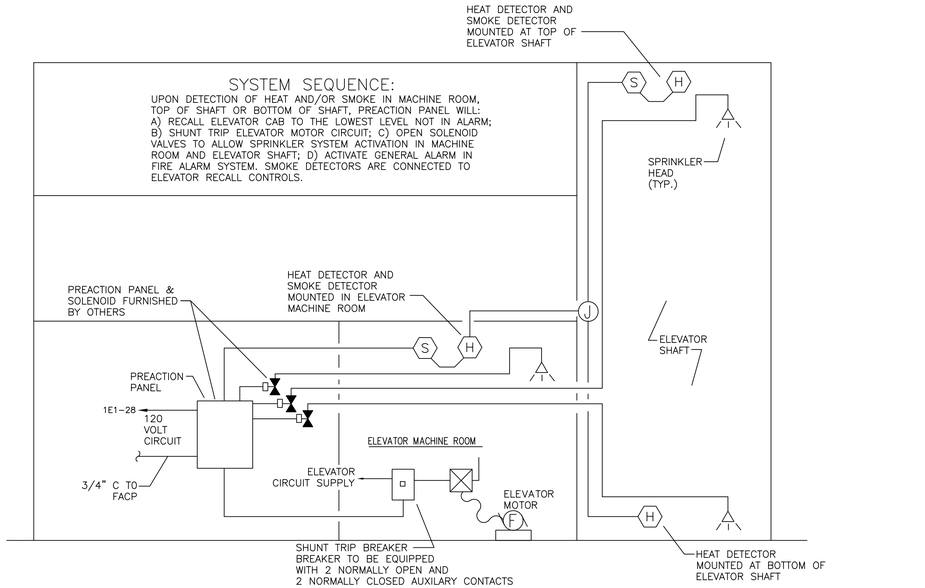
LC1	LC2
1S1-1	1S1-2
1S1-3	1S1-6
1S1-5	1S1-10
1S1-7	1S1-14
1S1-9	1S1-18
1S1-11	1S1-19
1S1-13	1S1-21
1S1-15	1S1-23
1S1-17	1S1-25
SPARE	1S1-22
1S1-31	1S1-26
1S1-35	1S1-30
1S1-39	1S1-34
3 SPARE	3 SPARE
PHOTO CONTROL ONLY	PHOTO CONTROL AND TIME CLOCK

NOTES:

1. PROVIDE MECHANICALLY HELD CONTACTORS WITH ASSOCIATED CONTROL MODULES AND HOA SWITCHES.

4 E6.3 EXTERIOR LIGHT CONTROLS

SCALE: NO SCALE



3 E6.3 PREACTION PANEL RISER & SYSTEM OPERATION DETAIL

SCALE: NO SCALE

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9/16/13

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Electrical Systems Details

Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

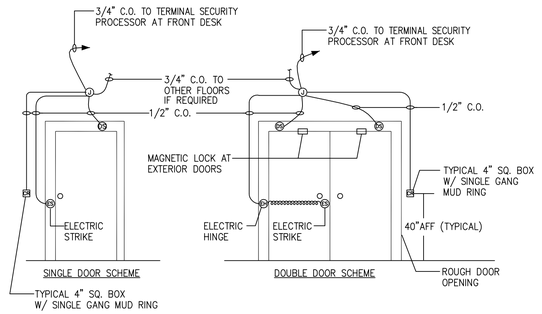
Sheet No.
E6.3

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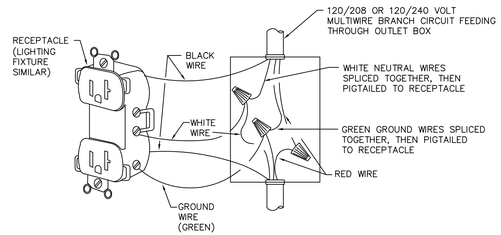
Hampton Inn and Suites

NOTES:

1. ALL CONDUIT ROUTING INDICATED ON THIS PLAN SHALL BE 3/4" C.O., UNLESS OTHERWISE NOTED.
2. FOR EXACT LOCATION AND MOUNTING HEIGHTS OF DEVICE JUNCTION BOXES REFER TO ARCHITECTURAL DWGS.
3. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS OF SECURITY DEVICES WITH THE SECURITY CONSULTANT.
4. PROVIDE DOOR SWITCH (S) CONDUITS AS REQ'D. COORDINATE WITH SECURITY CONSULTANT.

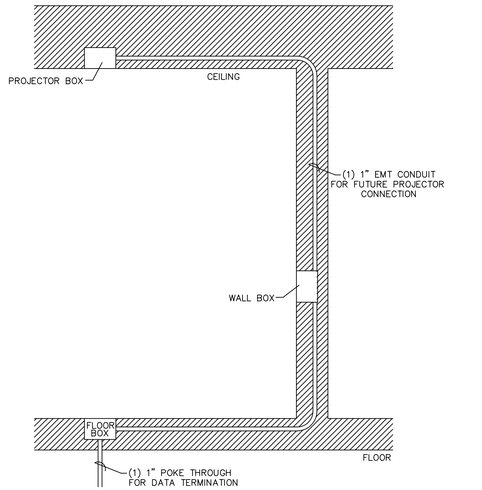


1 E6.4 CARD ACCESS DETAIL
SCALE: NO SCALE

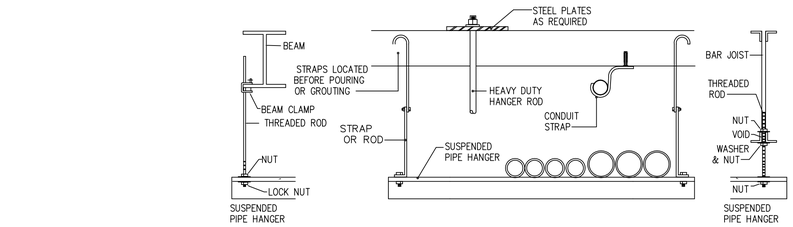


NOTE:
THIS DETAIL APPLIES ONLY WHERE MULTIWIRE CIRCUITS FEED RECEPTACLES OR LAMPHOLDERS. IT DOES NOT APPLY TO CIRCUITS WITHOUT A NEUTRAL OR TWO WIRE CIRCUITS.

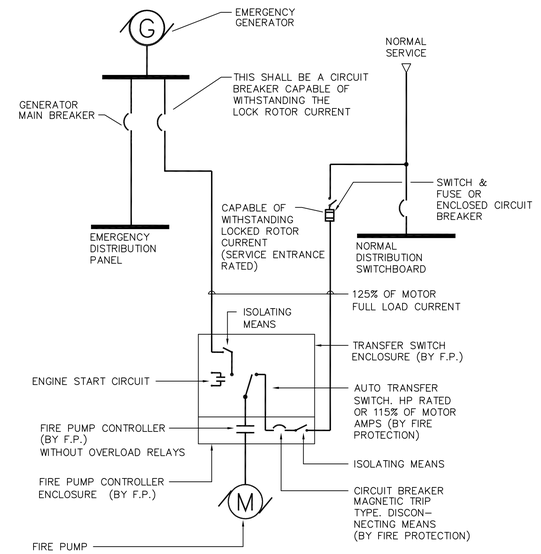
2 E6.4 BRANCH CIRCUIT WIRING
SCALE: NO SCALE



3 E6.4 CEILING PROJECTOR PROVISION
SCALE: NO SCALE



5 E6.4 TYPICAL CONDUIT HANGING METHODS
SCALE: NO SCALE



4 E6.4 FIRE PUMP CONNECTION
SCALE: NO SCALE

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Electrical Miscellaneous Details

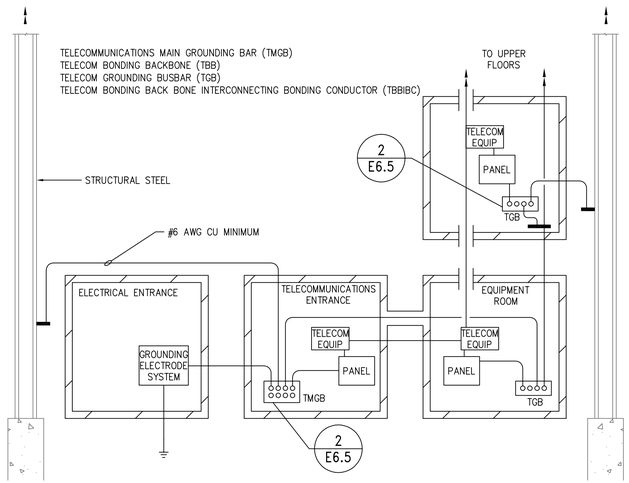
Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No.
E6.4

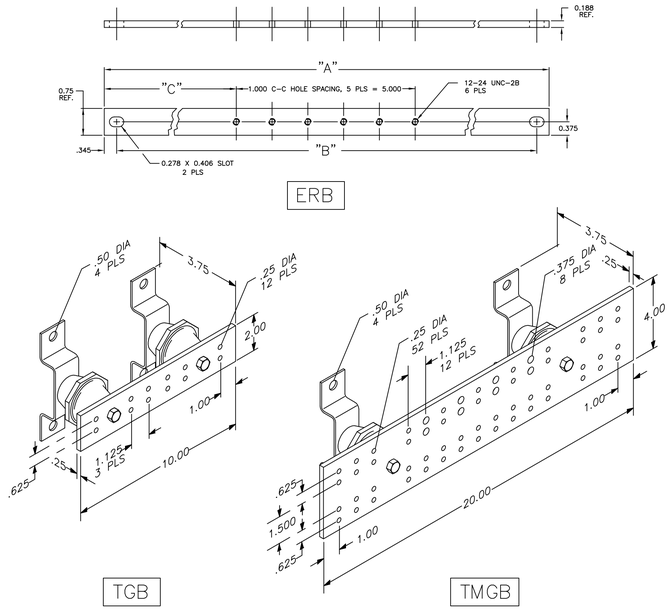
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1 E6.5 TELECOM GROUNDING SCHEMATIC

SCALE: NO SCALE

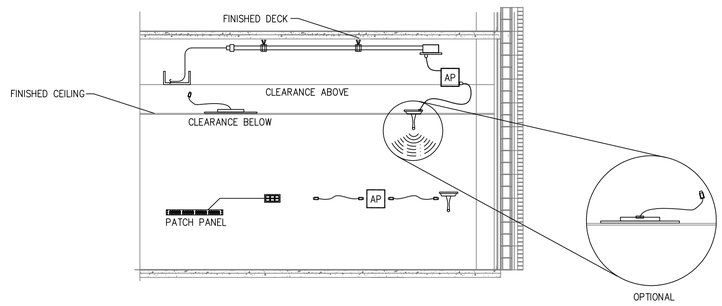


2 E6.5 TELECOM GROUND BAR DETAILS

SCALE: NO SCALE

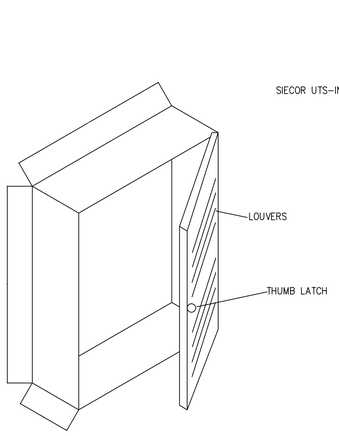
NOTES

1. TYPICAL BUSBARS, INSULATORS AND BACKBOARD MOUNT BRACKETS SHOWN HERE REFLECT TIA STANDARDS-COMPLIANT DIMENSIONS.
2. MOUNT BACKBOARD-MOUNTED BUSBARS @ 8'-6" AFF UNLESS DIRECTED OTHERWISE BY OWNER.



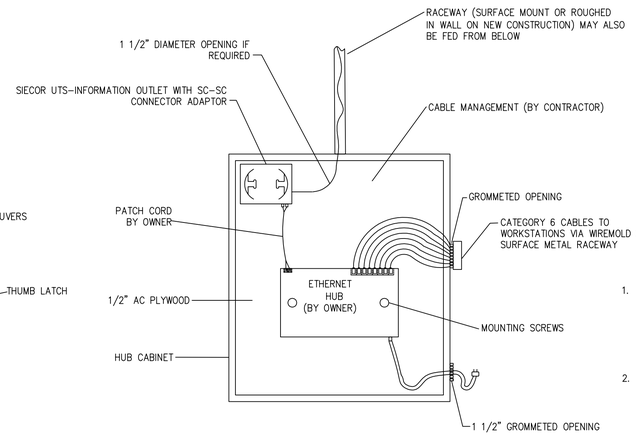
3 E6.5 TELECOM WI-FI ACCESS POINT DETAIL

SCALE: NO SCALE



HUB CABINET DETAIL

NOT TO SCALE



HUB CABINET EQUIPMENT ARRANGEMENT

NOT TO SCALE

NOTES:

1. CABINET SHALL BE CONSTRUCTED FROM 16 GAUGE COLD ROLLED STEEL. HINGES SHALL BE FORMED STEEL TYPE OR EQUIVALENT AND SWING FROM SIDE OR BOTTOM. FRONT PANEL TO HAVE LOUVERS TO AID IN THE DISSIPATION OF HEAT. UNIT SHALL HAVE THUMB LATCH DEVICE. UNIT SHALL HAVE A POLYESTER POWDER ENAMEL, OR EQUIVALENT TYPE FINISH. MOUNT CABINET WITH LOUVERS HORIZONTAL REGARDLESS OF DOOR SWING.
2. CABINET SHALL HAVE 1/2" PLYWOOD BACKBOARD TO MOUNT EQUIPMENT. CABINET TO CONTAIN SIECOR OUTLET BOX FOR CABLE MANAGEMENT. CABINET SHALL HAVE SEALED RUBBER CABLE ENTRY GROMMETS WHERE REQUIRED. OWNER TO SUPPLY AND INSTALL ELECTRONICS ONLY.
3. CONTRACTOR TO SUPPLY CATEGORY 5e CABLE FROM HUB CABINET TO DEVICES IN RACEWAY OR BOX.
4. CONTRACTOR TO SUPPLY CABLE MANAGEMENT DEVICE AS SHOWN AND PROVIDE A MINIMUM OF 6" OF SLACK FIBER CONTRACTOR TO TERMINATE FIBER WITH ST CONNECTORS.
5. CABINET SHALL BE MOUNTED TO WALL WITH FOUR (4) 1/4" BOLTS INTO WALL ANCHORS. USE TOGGLE BOLTS FOR HOLLOW PARTITIONS AND LEAD ANCHORS FOR SOLID MASONRY WALLS. BOLTS SHALL PASS THROUGH THE 1/2" PLYWOOD CABINET BACKBOARD, THE CABINET AND INTO THE WALL ANCHOR.
6. CABLE SHALL BE ROUTED TO CABINET AS FOLLOWS:
   NEW CONSTRUCTION: 3/4" EMT ROUGHED IN WALL TO A SINGLE GANG OUTLET BOX. CABINET SHALL HAVE A 1-1/2" DIA. OPENING IN BACK AND BE MOUNTED DIRECTLY OVER OUTLET BOX.
   EXISTING WALL - HOLLOW PARTITION: CABINET SHALL HAVE A 1 1/2" DIA. OPENING IN BACK AND BE MOUNTED DIRECTLY OVER A 1 1/2" DIA. OPENING IN WALL. CABLE TO BE ROUTED IN WALL AS STATED IN SPECIFICATIONS.
   EXISTING WALL - SURFACE MOUNT: ROUTE CABLE DOWN WALL IN SURFACE METAL RACEWAY MECHANICALLY FASTENED TO WALL INTO TOP OF CABINET. USE A SURFACE METAL RACEWAY TYPE CONNECTOR.

4 E6.5 TELECOM HUB CABINET DETAILS

SCALE: NO SCALE

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REVISIONS

No.	Date	Description

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Telecommunications Details

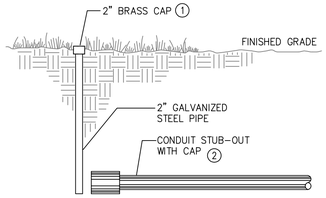
Phase
Construction Documents

Project No.	12-111
Prepared by	RSR
Checked by	RSR
Date	Sept. 16, 2013

Sheet No.
E6.5

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Hampton Inn and Suites



NOTES:

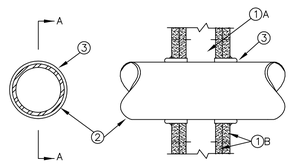
1. ENGRAVE BRASS CAP INDICATING FUNCTION AND FINAL DESTINATION.
2. RECORD ALL ACTUAL STUB-OUT LOCATIONS ON AS-BUILT DRAWINGS.

1 / E6.6 TYPICAL STUB-OUT DETAIL

SCALE: NO SCALE

SYSTEM NO. W-L-1001
(FORMERLY SYSTEM NO. 147)

F RATINGS – 1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS – 0, 1, 2, 3 AND 4 HR (SEE ITEM 3)
L RATING AT AMBIENT – LESS THAN 1 CFM PER SQ. FT.
L RATING AT 400°F – LESS THAN 1 CFM PER SQ. FT.



SECTION A–A

1. WALL ASSEMBLY – THE 1, 2, 3 OR 4 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2 HR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACE 16 IN. OC WITH NOM 2 BY 4 IN. LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACED MAX 24 IN. OC.

B. WALLBOARD, GYPSUM* – NOM 1/2 OR 5/8 IN. THICK, 4 FT. WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 13-1/2 IN.

2. PIPE OR CONDUIT – NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 12 IN. DIAM (OR SMALLER) SERVICE WEIGHT (OR HEAVIER) CAST IRON SOIL PIPE, NOM 12 IN. DIAM (OR SMALLER) CLASS 50 (OR HEAVIER) DUCTILE IRON PRESSURE PIPE, NOM 6 IN. DIAM (OR SMALLER) STEEL CONDUIT, NOM 4 IN. DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING, NOM 6 IN. DIAM (OR SMALLER) TYPE L OR (OR HEAVIER) COPPER TUBING OR NOM 1 IN. DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT. WHEN COPPER PIPE IS USED, MAX F RATING OF FIRESTOP SYSTEM (ITEM 3) IS 2 H. STEEL PIPES OR CONDUITS LARGER THAN NOM 4 IN. DIAM MAY ONLY BE USED IN WALLS CONSTRUCTED USING STEEL CHANNEL STUDS. A MAX OF ONE PIPE OR CONDUIT IS PERMITTED IN THE FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.

3. FILL, VOID OR CAVITY MATERIAL* – CAULK – CAULK FILL MATERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN 1/4 IN. DIAM BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM THE WALL. CAULK INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY T RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS TABULATED BELOW:

MAX PIPE OR CONDUIT DIAM IN	ANNULAR SPACE IN.	F RATING, HR.	T RATING, HR.
1	0 TO 3/16	1 OR 2	0+, 1 OR 2
1	1/4 TO 1/2	3 OR 4	3 OR 4
4	0 TO 1/4	1 OR 2	0
4	0 TO 1-1/2#	1 OR 2	0
6	1/4 TO 1/2	3 OR 4	0
12	3/16 TO 3/8	1 OR 2	0

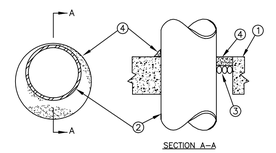
+ WHEN COPPER PIPE IS USED, T RATING IS 0 HR.
# 0 TO 1-1/2 IN. ANNULAR SPACE APPLIES ONLY WHEN TYPE CP-25WB+ CAULK IS USED, AND ONLY WHEN THE MIN THICKNESS OF THE GYPSUM WALLBOARD IS 5/8 IN. FOR 1 HR RATED WALLS AND 1-1/4 IN. FOR 2 HR RATED WALLS.

MINNESOTA MINING & MFG. CO.– TYPECP-25 WB+

* BEARING THE UL CLASSIFICATION MARKING.

SYSTEM NO. C-AJ-1044
(FORMERLY SYSTEM NO. 319)

F RATINGS – 2, 3 AND 4 HR (SEE ITEMS 2A AND 4)
T RATINGS – 0 HR
L RATING AT AMBIENT – 2 CFM PER SQ. FT.
L RATING AT 400°F – LESS THAN 1 CFM PER SQ. FT.



SECTION A–A

1. FLOOR OR WALL ASSEMBLY – LIGHTWEIGHT OR NORMAL WEIGHT (100–150 PCF) CONCRETE. EXCEPT AS NOTED IN TABLE UNDER ITEM 4, MIN THICKNESS OF SOLID CONCRETE FLOOR OR WALL ASSEMBLY IS 4–1/2 IN. FLOOR MAY ALSO BE CONSTRUCTED OF ANY MIN 6 IN. THICK UL CLASSIFIED HOLLOW–CORE PRECAST CONCRETE UNITS*. WHEN FLOOR IS CONSTRUCTED OF HOLLOW–CORE PRECAST CONCRETE UNITS, PACKING MATERIAL (ITEM 3) AND CAULK FILL MATERIAL (ITEM 4) TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF FLOOR, FLUSH WITH FLOOR SURFACE. WALL ASSEMBLY MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF OPENING IS IN SOLID LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR IS 32 IN. MAX DIAM OF OPENING IN FLOOR CONSTRUCTED OF HOLLOW–CORE PRECAST CONCRETE UNITS IS 7 IN.

SEE CONCRETE BLOCKS (CAZT) AND PRECAST CONCRETE UNITS (CFTV) CATEGORIES IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.

1A. STEEL SLEEVE–(OPTIONAL, NOT SHOWN) – MAX 15 IN. ID (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 2 IN. ABOVE TOP OF FLOOR OR BEYOND EITHER SURFACE OF WALL. MAX 16 IN. ID (OR SMALLER) MIN 0.028 WALL THICKNESS (OR HEAVIER) GALVANIZED STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 1/2 IN. BEYOND EITHER SURFACE OF FLOOR OR WALL.

2. THROUGH PENETRANTS – ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. MAX ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND EDGE OF THROUGH OPENING OR SLEEVE IS DEPENDENT ON THE PARAMETERS SHOWN IN ITEM 4. MIN. ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING IS ZERO IN. (POINT CONTACT). PIPE CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. STEEL PIPE– NOM 30 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE– NOM 30 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
C. CONDUIT– NOM 6 IN. DIAM (OR SMALLER) RIGID STEEL CONDUIT.
D. CONDUIT– NOM 4 IN. DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING.
E. COPPER TUBING– NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBE.
F. COPPER PIPE– NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.

3. PACKING MATERIAL – POLYETHYLENE BACKER ROD OR NOM 1 IN. THICKNESS OF TIGHTLY–PACKED MINERAL WOOL BATT OR GLASS FIBER INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF CAULK FILL MATERIAL (ITEM 4).

4. FILL, VOID OR CAVITY MATERIAL* – CAULK – APPLIED TO FILL THE ANNULAR SPACE FLUSH WITH TOP SURFACE OF FLOOR, IN WALL ASSEMBLIES, REQUIRED CAULKED THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF THE WALL, FLUSH WITH WALL SURFACE AT POINT CONTACT LOCATION BETWEEN PENETRANT AND SLEEVE OR BETWEEN PENETRANT AND CONCRETE, A MIN 1/4 IN. DIAM BEAD OF CAULK SHALL BE APPLIED AT TOP SURFACE OF FLOOR AND AT BOTH SURFACES OF WALL. THE HOURLY F RATINGS AND THE MIN REQUIRED CAULK THICKNESSES ARE DEPENDENT UPON A NUMBER OF PARAMETERS, AS SHOWN IN THE FOLLOWING TABLE:

MIN FLOOR OR WALL THKNS, IN.	NOM PIPE TUBE OR CONDUIT DIAM, IN.	MAX ANNULAR SPACE IN.	MIN. CAULK THKNS IN	F RATING HR.
2-1/2	1/2 – 12	1-3/4	1/2	2
2-1/2	1/2 – 12	1-3/4	1	3
4-1/2	1/2 – 6	1-3/8	1/4(A)	2
4-1/2	1/2 – 12	1-1/4	1/2	3
4-1/2	1/2 – 20	2	1	3
4-1/2	1/2 – 12	3-1/4	1	3
4-1/2	22–30	2	2	3
5-1/2	1/2 – 6	1-3/8	1(B)	4

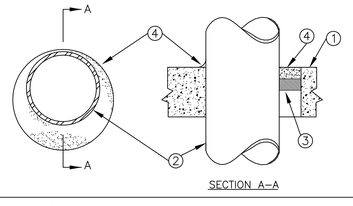
(A) MIN 2 IN THICKNESS OF MINERAL WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE.
(B) MIN 1 IN. THICKNESS OF MINERAL WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. MIN 1 IN. THICKNESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE OF FLOOR OR WALL ASSEMBLY.

MINNESOTA MINING & MFG. CO.– CP 25 WB+

* BEARING THE UL CLASSIFICATION MARKING.

SYSTEM NO. C-AJ-1001
(FORMERLY SYSTEM NO. 49)

F RATINGS – 3 HR
T RATINGS – 0 HR



SECTION A–A

1. FLOOR OR WALL ASSEMBLY – MIN 4–1/2 IN. THICK LIGHTWEIGHT OR NORMAL WEIGHT (100–150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF CIRCULAR THROUGH OPENING IS 22–1/2 IN.

SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.

1A. STEEL SLEEVE – (OPTIONAL, NOT SHOWN) – NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE SLEEVE CAST INTO CONCRETE FLOOR OR WALL. SLEEVE TO BE FLUSH WITH OR PROJECT MAX 2 IN. FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL.

2. PIPE OR CONDUIT – NOM 20 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIAM (OR SMALLER) RIGID STEEL CONDUIT OR TYPE L (OR HEAVIER) COPPER TUBE, NOM 4 IN. DIAM (OR SMALLER) CAST IRON PIPE OR STEEL EMT. MAX ONE PIPE OR CONDUIT PER THROUGH OPENING. MAX ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING NOT TO EXCEED 2–1/2 IN. MIN ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING IS ZERO IN. (POINT CONTACT). PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.

3. PACKING MATERIAL – POLYETHYLENE BACKER ROD OR NOM 1 IN. THICKNESS OF TIGHTLY–PACKED CERAMIC (ALUMINA SILICA) FIBER BLANKET, MINERAL WOOL BATT OR GLASS FIBER INSULATION MATERIAL USED AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF SOLID CONCRETE OR CONCRETE BLOCK WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF CAULK FILL MATERIAL (ITEM 4). AS AN ALTERNATE WHEN MAX PIPE SIZE IS 10 IN. DIAM AND WHEN MAX ANNULAR SPACE IS 1 IN., A MIN 1 IN. THICKNESS OF TIGHTLY–PACKED CERAMIC FIBER BLANKET OF MINERAL WOOL BATT PACKING MATERIAL MAY BE RECESSED MIN 1/2 IN. FROM BOTTOM SURFACE OF FLOOR OR FROM EITHER SIDE OF SOLID CONCRETE WALL.

4. FILL, VOID OR CAVITY MATERIALS* – CAULK – APPLIED TO FILL THE ANNULAR SPACE TO THE MIN THICKNESS SHOWN IN THE FOLLOWING TABLE:

MAX PIPE DIAM IN	MAX ANNULAR SPACE IN.	PACKING MATERIAL TYPE (A)	MIN. CAULK THKNS IN
10	1	BR, CF, GF OR MW	1/2 (B)
10	1	CF OR MW	1/2 (C)
20	2–1/2	BR, CF, GF OR MW	1 (B)

(A) BR= POLYETHYLENE BACKER ROD.
CF= CERAMIC FIBER BLANKET.
GF= GLASS FIBER INSULATION.
MW= MINERAL WOOL BATT

(B) CAULK INSTALLED FLUSH WITH TOP SURFACE OF FLOOR OR BOTH SURFACES OF WALL.

(C) CAULK INSTALLED FLUSH WITH BOTTOM SURFACE OF FLOOR OR ONE SURFACE OF SOLID (NON–CONCRETE BLOCK) WALL.

MINNESOTA MINING & MFG. CO.– TYPE CP–25 N/S

* BEARING THE UL CLASSIFICATION MARKING.

FIRE RATED WALL PENETRATION		
PENETRATION	BARRIER	U.L. SYSTEM
INSUL. STEEL PIPE (30")	2–HR CONC. FLOOR	C–AJ–5002
INSUL. STEEL PIPE	1 OR 2 HR CONC. OR CONC. BLOCK WALL	C–AJ–5002
INSUL. COPPER PIPE (4")	2–HR CONC. FLOOR	C–AJ–5034
INSUL. COPPER PIPE	1 OR 2 HR CONC. OR CONC. BLOCK WALL	C–AJ–5034
INSUL STEEL (12") COPPER (4")	1 OR 2 HR STUD WALL	W–L–5001
UNINSUL. STEEL (12") COPPER (4") CONDUIT (6")	1 OR 2 HR STUD WALL	W–L–1001
UNINSUL STEEL (20") COPPER (4") CONDUIT (6")	2 HR CONC. FLOOR OR WALL	C–AJ–1001
UNINSUL STEEL (30") COPPER (4") CONDUIT (6")	4 HR CONC. OR CONC BLOCK FLOOR OR WALL	C–AJ–1044
NOTE: ALL FIRE RATED WALL PENETRATIONS MAY NOT APPLY; REFER TO ARCHITECT DRAWINGS FOR FIRE RATED WALL TYPES.		

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REVISIONS		
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Southern Hospitality Services

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Phase
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