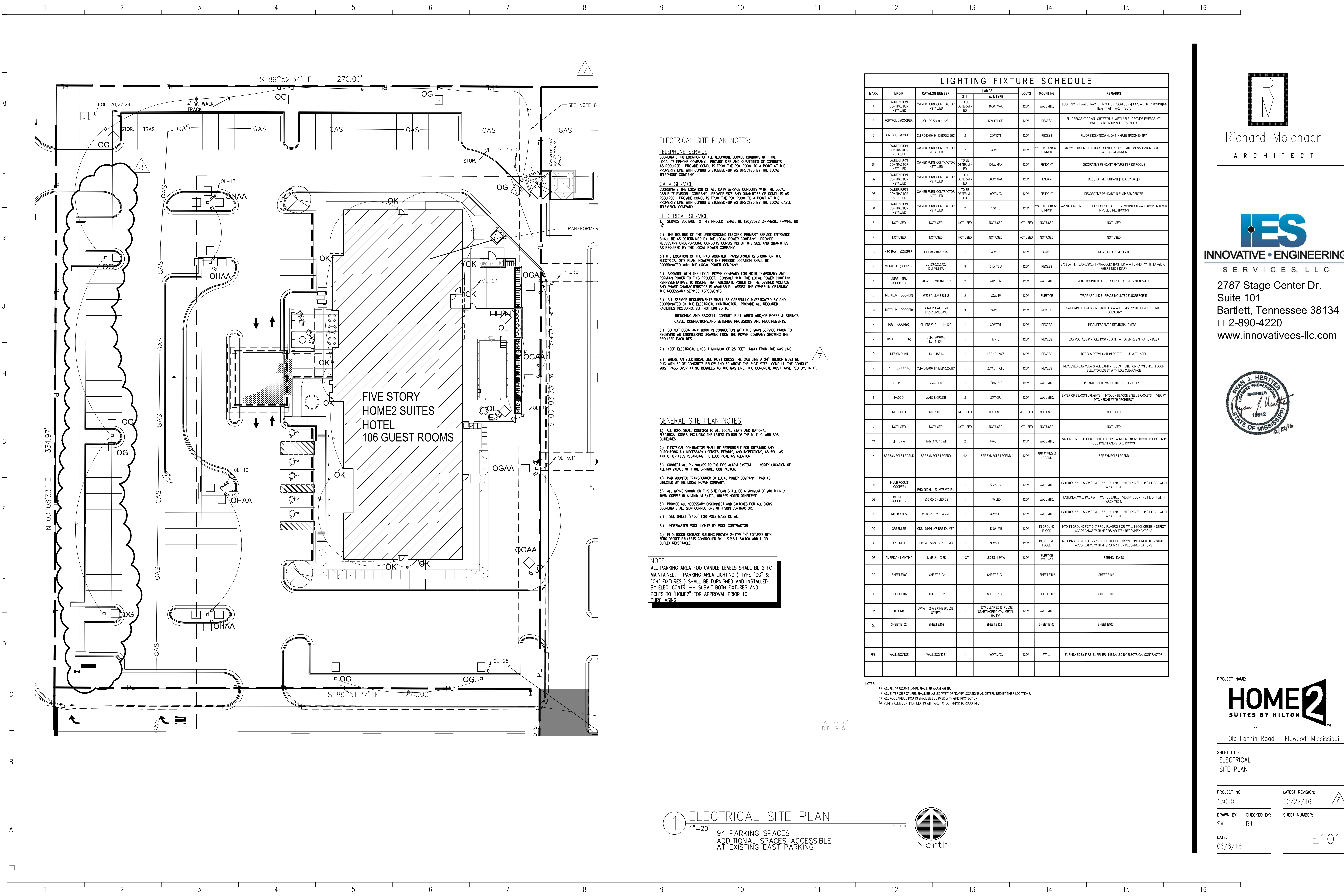




ELECTRICAL SITE PLAN NOTES:

TELEPHONE SERVICE
COORDINATE THE LOCATION OF ALL TELEPHONE SERVICE CONDUITS WITH THE LOCAL TELEPHONE COMPANY. PROVIDE SIZE AND QUANTITIES OF CONDUITS AS REQUIRED. PROVIDE CONDUITS FROM THE PBX ROOM TO A POINT AT THE PROPERTY LINE WITH CONDUITS STUBBED-UP AS DIRECTED BY THE LOCAL TELEPHONE COMPANY.

CATV SERVICE
COORDINATE THE LOCATION OF ALL CATV SERVICE CONDUITS WITH THE LOCAL CABLE TELEVISION COMPANY. PROVIDE SIZE AND QUANTITIES OF CONDUITS AS REQUIRED. PROVIDE CONDUITS FROM THE PBX ROOM TO A POINT AT THE PROPERTY LINE WITH CONDUITS STUBBED-UP AS DIRECTED BY THE LOCAL CABLE TELEVISION COMPANY.

ELECTRICAL SERVICE
1) SERVICE VOLTAGE TO THIS PROJECT SHALL BE 120/208V, 3-PHASE, 4-WIRE, 60 HZ.

2) THE ROUTING OF THE UNDERGROUND ELECTRIC PRIMARY SERVICE ENTRANCE SHALL BE AS DETERMINED BY THE LOCAL POWER COMPANY. PROVIDE NECESSARY UNDERGROUND CONDUITS CONSISTING OF THE SIZE AND QUANTITIES AS REQUIRED BY THE LOCAL POWER COMPANY.

3) THE LOCATION OF THE PAD MOUNTED TRANSFORMER IS SHOWN ON THE ELECTRICAL SITE PLAN. HOWEVER, THE PRECISE LOCATION SHALL BE COORDINATED WITH THE LOCAL POWER COMPANY.

4) ARRANGE WITH THE LOCAL POWER COMPANY FOR BOTH TEMPORARY AND PERMANENT POWER TO THIS PROJECT. CONSULT WITH THE LOCAL POWER COMPANY REPRESENTATIVES TO INSURE THAT ADEQUATE POWER OF THE DESIRED VOLTAGE AND PHASE CHARACTERISTICS IS AVAILABLE. ASSIST THE OWNER IN OBTAINING THE NECESSARY SERVICE AGREEMENTS.

5) ALL SERVICE REQUIREMENTS SHALL BE CAREFULLY INVESTIGATED BY AND COORDINATED BY THE ELECTRICAL CONTRACTOR. PROVIDE ALL REQUIRED FACILITIES INCLUDING, BUT NOT LIMITED TO:

TRENCHING AND BACKFILL, CONDUIT, PULL WIRES AND/OR ROPES & STRINGS, CABLE, CONNECTIONS AND METERING PROVISIONS AND REQUIREMENTS.

6) DO NOT BEGIN ANY WORK IN CONNECTION WITH THE MAIN SERVICE PRIOR TO RECEIVING AN ENGINEERING DRAWING FROM THE POWER COMPANY SHOWING THE REQUIRED FACILITIES.

7) KEEP ELECTRICAL LINES A MINIMUM OF 25 FEET AWAY FROM THE GAS LINE.

8) WHERE AN ELECTRICAL LINE MUST CROSS THE GAS LINE A 24" TRENCH MUST BE DUG WITH 6" OF CONCRETE BELOW AND 6" ABOVE THE RIGID STEEL CONDUIT. THE CONDUIT MUST PASS OVER AT 90 DEGREES TO THE GAS LINE. THE CONCRETE MUST HAVE RED DYE IN IT.

GENERAL SITE PLAN NOTES

1) ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND NATIONAL ELECTRICAL CODES, INCLUDING THE LATEST EDITION OF THE N.E.C. AND ADA REQUIREMENTS.

2) ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PURCHASING ALL NECESSARY LICENSES, PERMITS, AND INSPECTIONS, AS WELL AS ANY OTHER FEES REGARDING THE ELECTRICAL INSTALLATION.

3) CONNECT ALL PIV VALVES TO THE FIRE ALARM SYSTEM. -- VERIFY LOCATION OF ALL PIV VALVES WITH THE SPRINKLER CONTRACTOR.

4) PAD MOUNTED TRANSFORMER BY LOCAL POWER COMPANY. PAD AS DIRECTED BY THE LOCAL POWER COMPANY.

5) ALL WIRING SHOWN ON THIS SITE PLAN SHALL BE A MINIMUM OF #10 THIN / THIN COPPER IN A MINIMUM 3/4" C, UNLESS NOTED OTHERWISE.

6) PROVIDE ALL NECESSARY DISCONNECT AND SWITCHES FOR ALL SIGNS -- COORDINATE ALL SIGN CONNECTIONS WITH SIGN CONTRACTOR.

7) SEE SHEET "E405" FOR POLE BASE DETAIL.

8) UNDERWATER POOL LIGHTS BY POOL CONTRACTOR.

9) IN OUTDOOR STORAGE BUILDING PROVIDE 2-TYPE "Y" FIXTURES WITH ZERO DEGREE BALLASTS CONTROLLED BY 1-SP.S.T. SWITCH AND 1-CP DUPLEX RECEPTACLE.

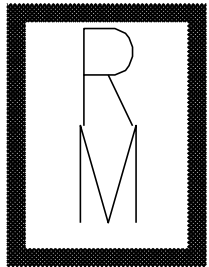
NOTE:
ALL PARKING AREA FOOTCANDLE LEVELS SHALL BE 2 FC MAINTAINED. PARKING AREA LIGHTING (TYPE "OG" & "OH" FIXTURES) SHALL BE FURNISHED AND INSTALLED BY ELEC. CONTR. -- SUBMIT BOTH FIXTURES AND POLES TO "HOME2" FOR APPROVAL PRIOR TO PURCHASING.

LIGHTING FIXTURE SCHEDULE							
MARK	MFGOR	CATALOG NUMBER	QTY.	LAMPS		VOLTS	MOUNTING
				W. & TYPE			
A	OWNER FURN. CONTRACTOR INSTALLED	OWNER FURN. CONTRACTOR INSTALLED	TO BE DETERMINED	100W. MAX	120V.	WALL MTD.	FLUORESCENT WALL BRACKET IN GUEST ROOM CORRIDORS -- VERIFY MOUNTING HEIGHT WITH ARCHITECT.
B	PORTFOLIO (COOPER)	CLJ-P08010 H4DE	1	42W TTT CFL	120V.	RECESS	FLUORESCENT DOWNLIGHT WITH UL WET LABEL -- PROVIDE EMERGENCY BATTERY BACKUP WHERE SHAD.
C	PORTFOLIO (COOPER)	CLJ-P08010 H4DE02R24HC	2	26W DTT	120V.	RECESS	FLUORESCENT DOWNLIGHT IN GUEST ROOM ENTRY
D	OWNER FURN. CONTRACTOR INSTALLED	OWNER FURN. CONTRACTOR INSTALLED	2	32W TB	120V.	WALL MTD ABOVE MIRROR	48" WALL MOUNTED FLUORESCENT FIXTURE -- MTD ON WALL ABOVE GUEST BATHROOM MIRROR
D1	OWNER FURN. CONTRACTOR INSTALLED	OWNER FURN. CONTRACTOR INSTALLED	TO BE DETERMINED	100W. MAX.	120V.	PENDANT	DECORATIVE PENDANT FIXTURE IN RESTROOMS
D2	OWNER FURN. CONTRACTOR INSTALLED	OWNER FURN. CONTRACTOR INSTALLED	TO BE DETERMINED	50W. MAX.	120V.	PENDANT	DECORATIVE PENDANT IN LOBBY CASE
D3	OWNER FURN. CONTRACTOR INSTALLED	OWNER FURN. CONTRACTOR INSTALLED	TO BE DETERMINED	100W. MAX.	120V.	PENDANT	DECORATIVE PENDANT IN BUSINESS CENTER
D4	OWNER FURN. CONTRACTOR INSTALLED	OWNER FURN. CONTRACTOR INSTALLED	2	17W TB	120V.	WALL MTD ABOVE MIRROR	24" WALL MOUNTED FLUORESCENT FIXTURE -- MOUNT ON WALL ABOVE MIRROR IN PUBLIC RESTROOMS
E	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
F	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
G	NECARY (COOPER)	CLJ-17602 H125 T18	1	32W TB	120V.	COVE	RECESSED COVE LIGHT
H	METALUX (COOPER)	CLJ-20R023A20 100W/BBU	3	37W TB U	120V.	RECESS	2 X 4 LAYIN FLUORESCENT PARABOLIC TROFFER -- FURNISH WITH FLANGE KIT WHERE NECESSARY
K	SURE-LITES (COOPER)	STL-2A "STARLITE2"	2	34W T12	120V.	WALL MTD.	WALL MOUNTED FLUORESCENT FIXTURE IN STAIRWELL
L	METALUX (COOPER)	W202-4-UN-48R14	2	32W TB	120V.	SURFACE	WRAP AROUND SURFACE MOUNTED FLUORESCENT
M	METALUX (COOPER)	CLJ-20R023A20 100W/BBU	3	32W TB	120V.	RECESS	2 X 4 LAYIN FLUORESCENT TROFFER -- FURNISH WITH FLANGE KIT WHERE NECESSARY
N	POS (COOPER)	CLJ-P08010 H4DE	1	32W TRT	120V.	RECESS	INCANDESCENT DIRECTIONAL EYEBALL
P	HALO (COOPER)	CLJ-ET10400 LV-14185N	1	MR16	120V.	RECESS	LOW VOLTAGE PARABOLIC DOWNLIGHT -- OVER REGISTRATION DESK
Q	DESIGN PLAN	LDL4-4851G	1	LED 16-W08	120V.	RECESS	RECESS DOWNLIGHT IN SLOTT -- UL WET LABEL
R	POS (COOPER)	CLJ-P08010 H4DE02R24HC	1	26W DTT CFL	120V.	RECESS	RECESSED LOW CLEARANCE CANN -- SUBSTITUTE FOR "C" ON UPPER FLOOR ELEVATOR LOBBY WITH LOW CLEARANCE
S	STONCO	VWALSC	1	100W. A19	120V.	WALL MTD.	INCANDESCENT VAPORITVE IN ELEVATOR PIT
T	HABCO	W482 B 072BE	2	29W CFL	120V.	WALL MTD.	EXTERIOR BEACON UPLIGHTS -- MTD ON BEACON STEEL BRACKETS -- VERIFY MTD HEIGHT WITH ARCHITECT
U	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
V	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
W	LITHONIA	FM4711 OL 10 WH	2	13W DTT	120V.	WALL MTD.	WALL MOUNTED FLUORESCENT FIXTURE -- MOUNT ABOVE DOOR ON HEAD IN EQUIPMENT AND STORE ROOMS
X	SEE SYMBOLS LEGEND	SEE SYMBOLS LEGEND	N/A	SEE SYMBOLS LEGEND	120V.	SEE SYMBOLS LEGEND	SEE SYMBOLS LEGEND
GA	INVUE FOCUS (COOPER)	PHQ-2054L-120-HW-F-WD-P-L	1	Q 250 T4	120V.	WALL MTD.	EXTERIOR WALL SCONCE WITH WET UL LABEL -- VERIFY MOUNTING HEIGHT WITH ARCHITECT.
GB	LUMIERE RD (COOPER)	1235-RD-C-LED-C-S	1	4W LED	120V.	WALL MTD.	EXTERIOR WALL PACK WITH WET UL LABEL -- VERIFY MOUNTING HEIGHT WITH ARCHITECT.
GC	NIERBRIES	WLD-32C-40T-84C-FE	1	32W CFL	120V.	WALL MTD.	EXTERIOR WALL SCONCE WITH WET UL LABEL -- VERIFY MOUNTING HEIGHT WITH ARCHITECT.
GD	GREENLEE	CDB 1709A-LVS BRZ ED MFC	1	175W. MH	120V.	IN GROUND FLOOD	MTD. IN-GROUND FRT. 2'-0" FROM FLAGPOLE OR WALL IN CONCRETE IN STRICT ACCORDANCE WITH MFGRS WRITTEN RECOMMENDATIONS.
GE	GREENLEE	CDB INC PAR38 BRZ ED MFC	1	100W CFL	120V.	IN GROUND FLOOD	MTD. IN-GROUND FRT. 2'-0" FROM FLAGPOLE OR WALL IN CONCRETE IN STRICT ACCORDANCE WITH MFGRS WRITTEN RECOMMENDATIONS.
GF	AMERICAN LIGHTING	LS405-24-100BK	1 LOT	LED85-14-BWV	120V.	SURFACE STRING	STRING LIGHTS
OG	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102
OH	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102
OK	LITHONIA	AWW1 150W BRHS PULSE START	1	150W CLEAR EDT PULSE START HORIZONTAL METAL HALIDE	120V.	WALL MTD.	
OL	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102	SHEET E102
FF1	WALL SCONCE	WALL SCONCE	1	100W MAX.	120V.	WALL	FURNISHED BY F.F.E. SUPPLIER - INSTALLED BY ELECTRICAL CONTRACTOR

NOTES:
1) ALL FLUORESCENT LAMPS SHALL BE WARM WHITE.
2) ALL EXTERIOR FIXTURES SHALL BE UL LISTED "WET" OR "DAMP" LOCATIONS AS DETERMINED BY THEIR LOCATIONS.
3) ALL POOL AREA CIRCUITS SHALL BE EQUIPPED WITH GFC PROTECTION.
4) VERIFY ALL MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.

Woods of D.B. 945,

1 ELECTRICAL SITE PLAN
1"=20'
94 PARKING SPACES
ADDITIONAL SPACES ACCESSIBLE
AT EXISTING EAST PARKING



Richard Molenaar
ARCHITECT



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PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
SITE PLAN

PROJECT NO.
13010

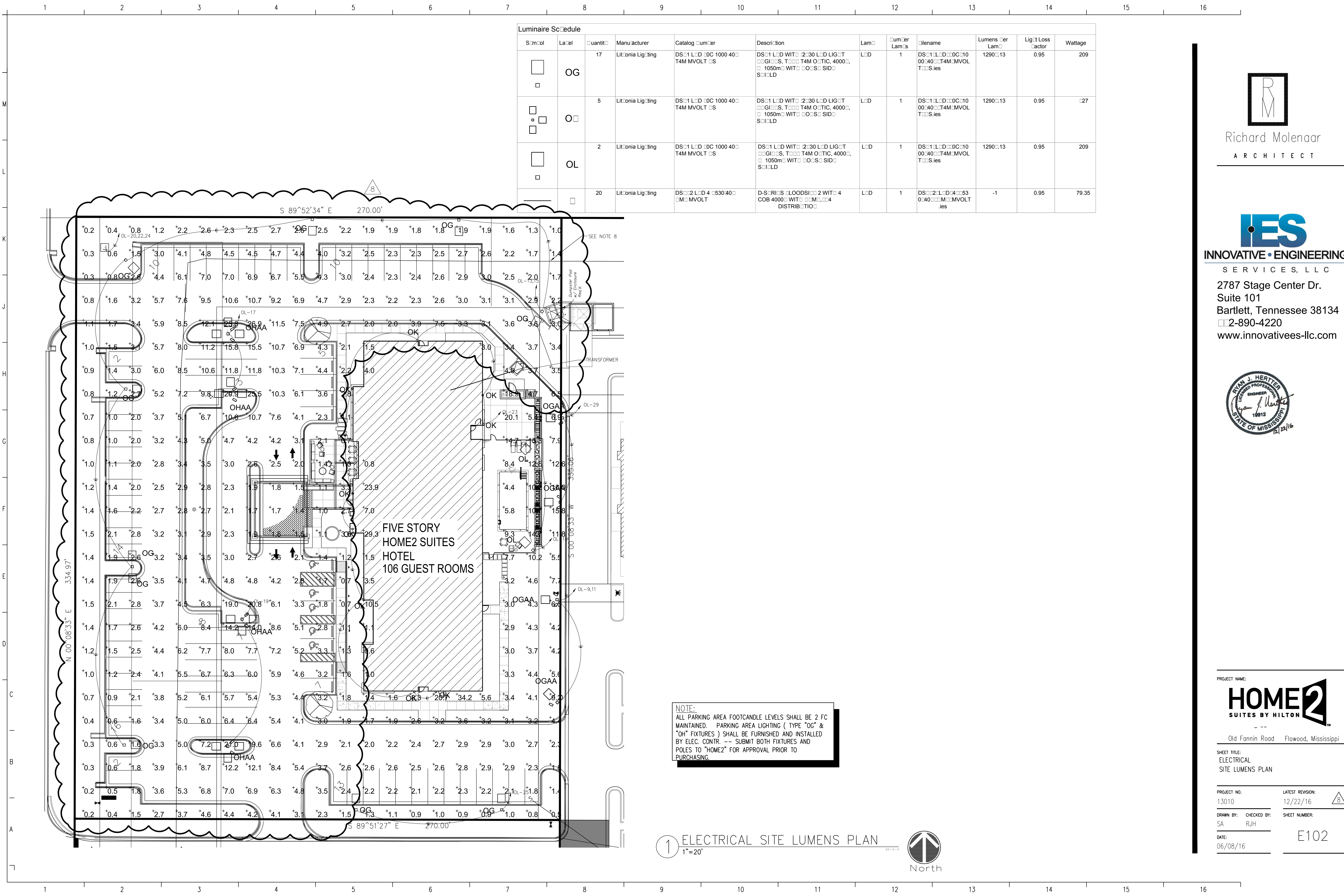
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12/22/16

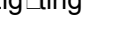
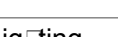
DRAWN BY: SA
CHECKED BY: RJH

SHEET NUMBER:

DATE:
06/8/16

E101



Luminaire Schedule											
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	Light Loss Factor	Wattage
	OG	17	Litonia Lighting	DS-1 LED 100 1000 40 T4M MVOLT S	DS-1 LED WIT 2:30 LED LIGHT 100 100 40 T4M OPTIC, 4000K, 1050mm WIT 100 100 40 SID SCLD	LED	1	DS-1 LED 100 100 1000 40 00 40 T4M MVOLT ies	1290 13	0.95	209
	OH	5	Litonia Lighting	DS-1 LED 100 1000 40 T4M MVOLT S	DS-1 LED WIT 2:30 LED LIGHT 100 100 40 T4M OPTIC, 4000K, 1050mm WIT 100 100 40 SID SCLD	LED	1	DS-1 LED 100 100 1000 40 00 40 T4M MVOLT ies	1290 13	0.95	27
	OL	2	Litonia Lighting	DS-1 LED 100 1000 40 T4M MVOLT S	DS-1 LED WIT 2:30 LED LIGHT 100 100 40 T4M OPTIC, 4000K, 1050mm WIT 100 100 40 SID SCLD	LED	1	DS-1 LED 100 100 1000 40 00 40 T4M MVOLT ies	1290 13	0.95	209
	OK	20	Litonia Lighting	DS-2 LED 4 530 40 MM MVOLT	D-SERIES FLOODS 2 WIT 4 COB 4000 WIT 100 100 40 DISTRIBUTION	LED	1	DS-2 LED 4 530 40 00 40 MM MVOLT ies	-1	0.95	79.35

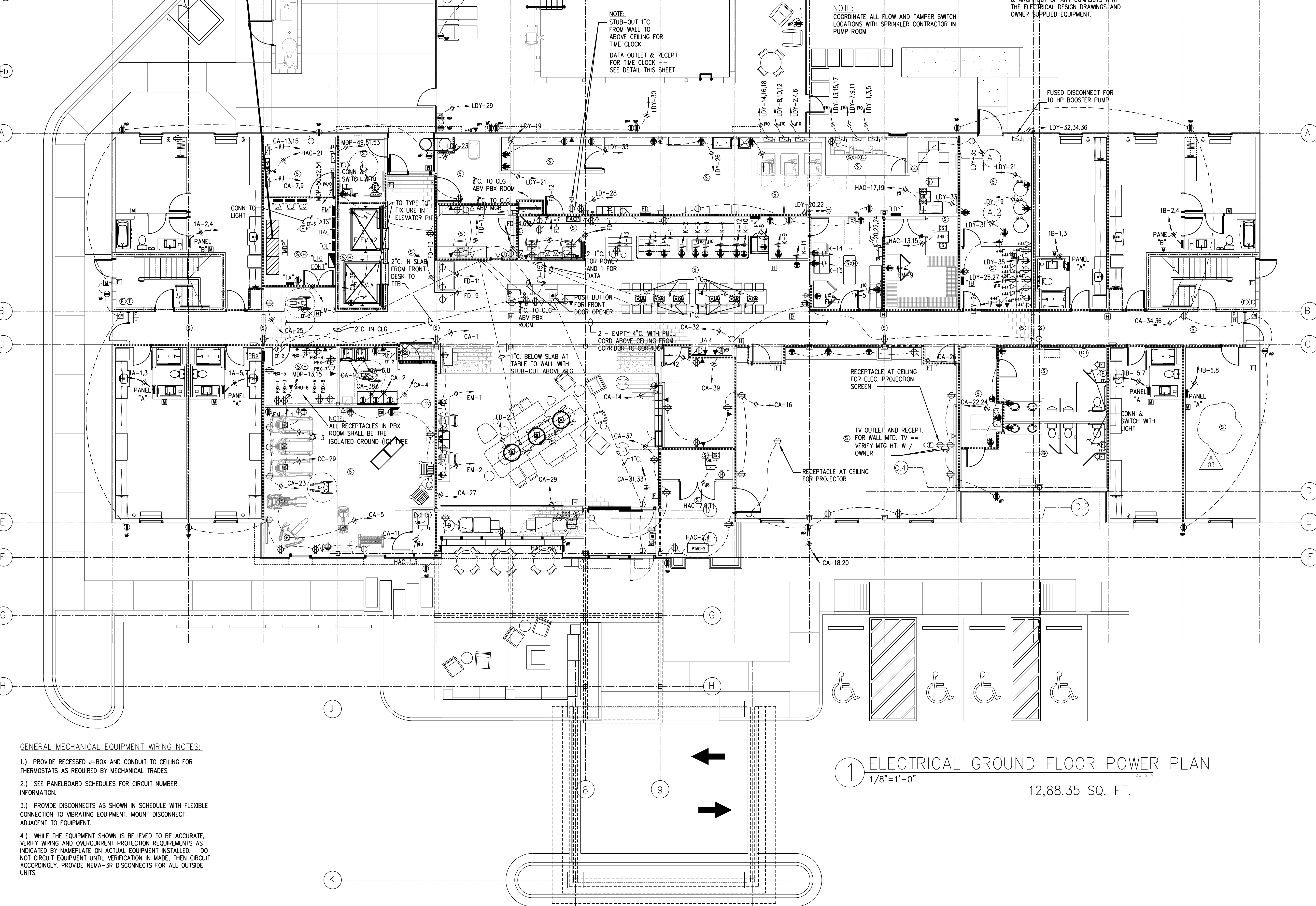
NOTE:
ALL PARKING AREA FOOTCANDLE LEVELS SHALL BE 2 FC MAINTAINED. PARKING AREA LIGHTING (TYPE "OG" & "OH" FIXTURES) SHALL BE FURNISHED AND INSTALLED BY ELEC. CONTR. -- SUBMIT BOTH FIXTURES AND POLES TO "HOME2" FOR APPROVAL PRIOR TO PURCHASING.

POOL EQUIPMENT:

ELECTRICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS & ELECTRICAL REQUIREMENTS OF ALL POOL EQUIPMENT INCLUDING, BUT NOT LIMITED TO: POOL PUMP, OR PUMPS, SPA PUMP, OR PUMPS, UNDERWATER POOL LIGHTS, TRANSFORMERS, DEHUMIDIFIERS, CONDENSING UNITS, ETC. PRIOR TO THE ROUGH-IN OF ANY ELECTRICAL EQUIPMENT. ELECTRICAL CONTRACTOR SHALL NOTIFY THE OWNER & ARCHITECT OF ANY CONFLICTS WITH THE ELECTRICAL DESIGN DRAWINGS AND THE EQUIPMENT FURNISHED BY THE OWNER AND THE POOL CONTRACTOR ALL POOL AREA LIGHTING, EQUIPMENT, AND RECEPTACLE CIRCUITS SHALL HAVE GFC PROTECTION.

LAUNDRY EQUIPMENT:

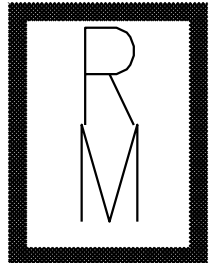
ELECTRICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS & ELECTRICAL REQUIREMENTS OF ALL LAUNDRY EQUIPMENT INCLUDING, BUT NOT LIMITED TO: COMMERCIAL WASHERS & DRYERS, GUEST WASHERS & DRYERS, WATER SOFTENERS, MOTORIZED LOUVERS, SOAP DISPENSERS, ETC. PRIOR TO THE ROUGH-IN OF ANY ELECTRICAL EQUIPMENT. ELECTRICAL CONTRACTOR SHALL NOTIFY THE OWNER & ARCHITECT OF ANY CONFLICTS WITH THE ELECTRICAL DESIGN DRAWINGS AND OWNER SUPPLIED EQUIPMENT.



GENERAL MECHANICAL EQUIPMENT WIRING NOTES:

- 1) PROVIDE RECESSED J-BOX AND CONDUIT TO CEILING FOR THERMOSTATS AS REQUIRED BY MECHANICAL TRADES.
- 2) SEE PANELBOARD SCHEDULES FOR CIRCUIT NUMBER INFORMATION.
- 3) PROVIDE DISCONNECTS AS SHOWN IN SCHEDULE WITH FLEXIBLE CONNECTION TO VIBRATING EQUIPMENT. MOUNT DISCONNECT ADJACENT TO EQUIPMENT.
- 4) WHILE THE EQUIPMENT SHOWN IS BELIEVED TO BE ACCURATE, VERIFY WIRING AND OVERCURRENT PROTECTION REQUIREMENTS AS INDICATED BY NAMEPLATE ON ACTUAL EQUIPMENT INSTALLED. DO NOT CIRCUIT EQUIPMENT UNTIL VERIFICATION IS MADE, THEN CIRCUIT ACCORDINGLY. PROVIDE NEMA-3R DISCONNECTS FOR ALL OUTSIDE UNITS.

1 ELECTRICAL GROUND FLOOR POWER PLAN
1/8"=1'-0"
12,88.35 SQ. FT.



Richard Molenaar
ARCHITECT



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CONNECT FLOW AND TAMPER SWITCHES TO FIRE ALARM SYSTEM - VERIFY EXACT LOCATIONS WITH SKRINKLER CONTRACTOR

PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
GROUND FLOOR POWER PLAN

PROJECT NO.
13010

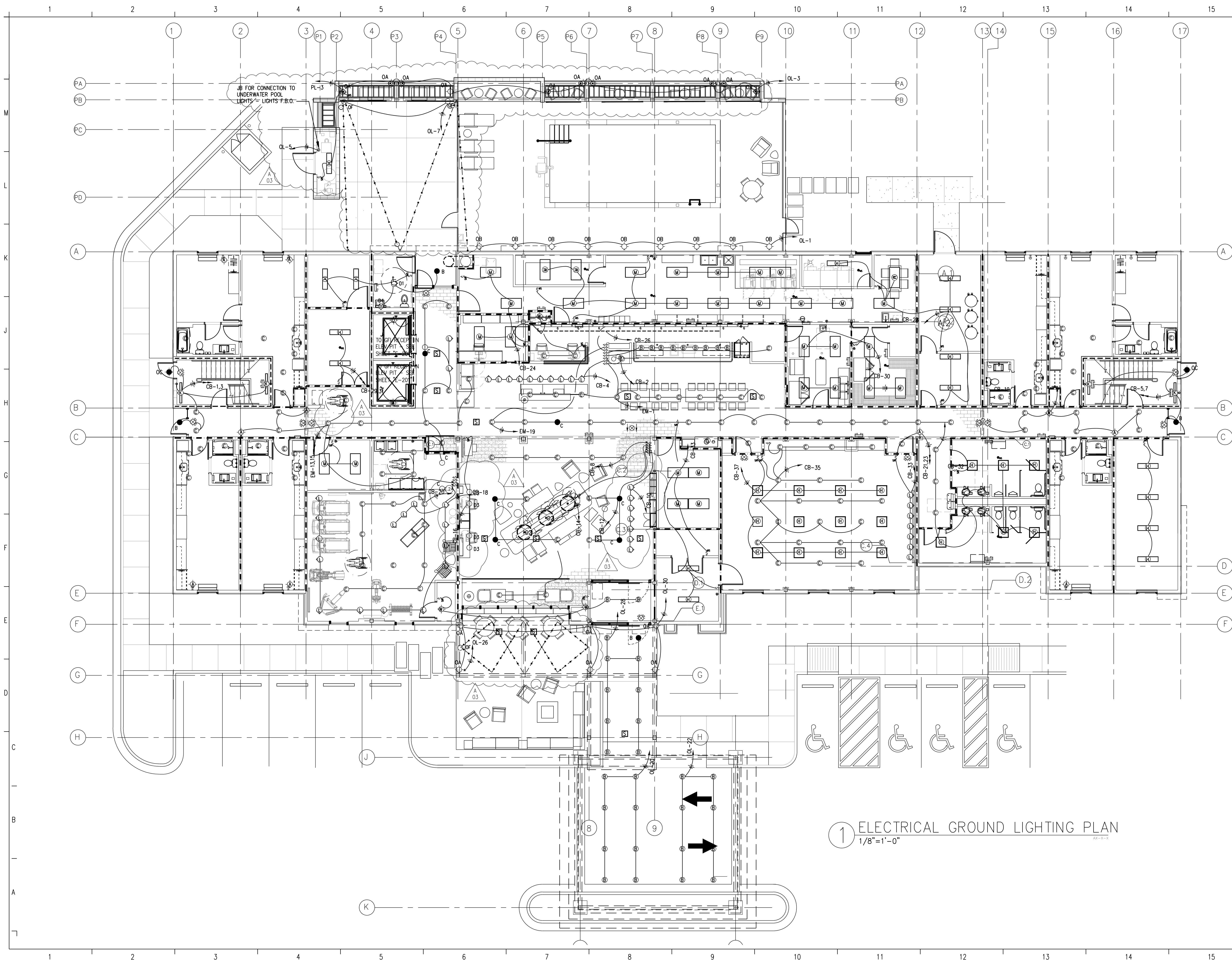
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6/8/16

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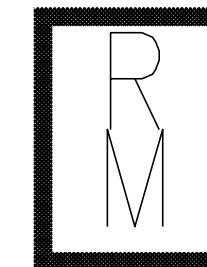
CHECKED BY:
RJH

SHEET NUMBER:
E201

DATE:
06/08/16



1 ELECTRICAL GROUND LIGHTING PLAN
1/8"=1'-0"



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PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
GROUND LIGHTING PLAN

PROJECT NO.

13010

LATEST REVISION:

6/8/16

DRAWN BY:

SA

CHECKED BY:

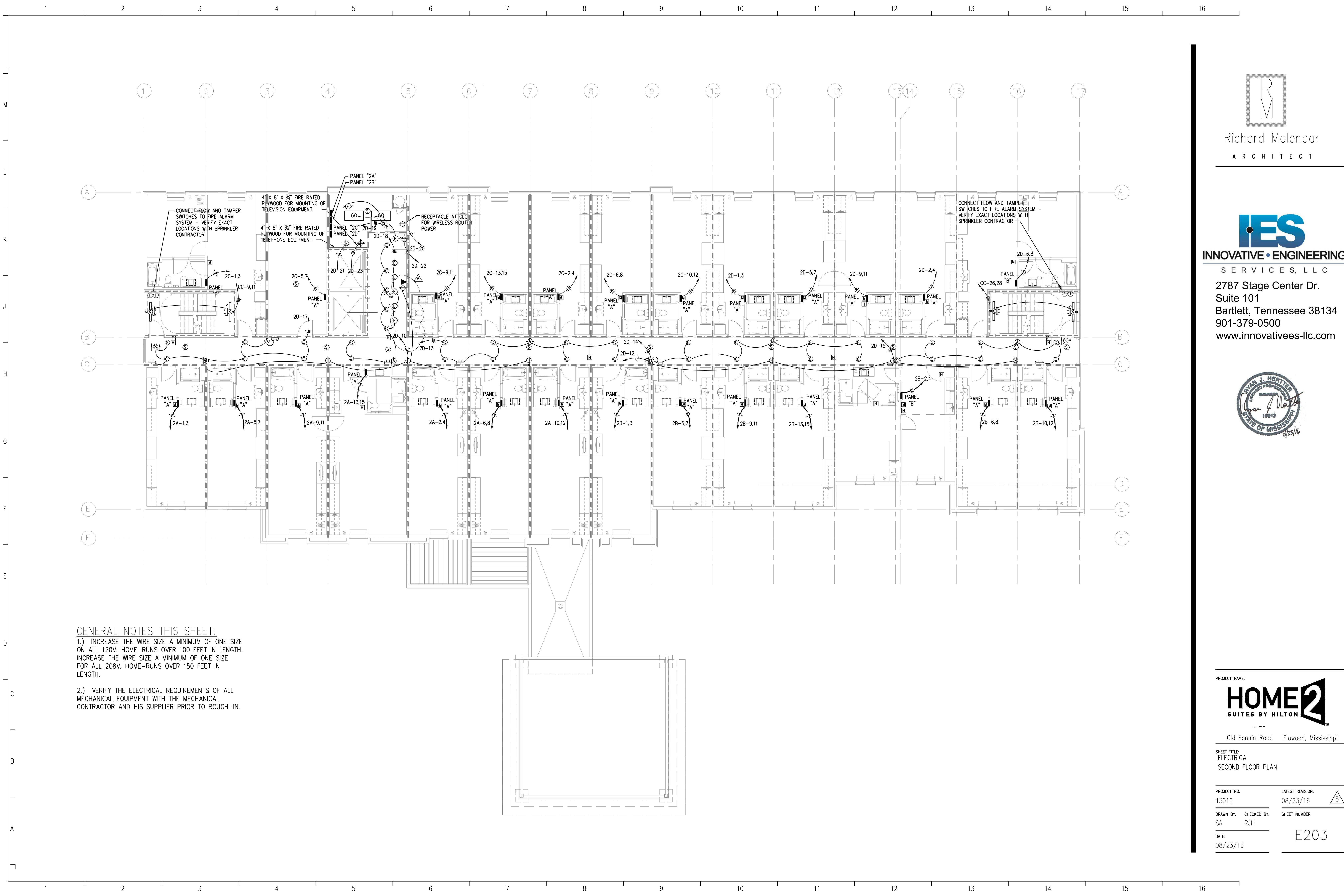
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SHEET NUMBER:

E202

DATE:

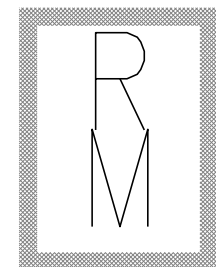
06/08/16



GENERAL NOTES THIS SHEET:

1.) INCREASE THE WIRE SIZE A MINIMUM OF ONE SIZE ON ALL 120V. HOME-RUNS OVER 100 FEET IN LENGTH. INCREASE THE WIRE SIZE A MINIMUM OF ONE SIZE FOR ALL 208V. HOME-RUNS OVER 150 FEET IN LENGTH.

2.) VERIFY THE ELECTRICAL REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR AND HIS SUPPLIER PRIOR TO ROUGH-IN.



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PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
SECOND FLOOR PLAN

PROJECT NO.

13010

LATEST REVISION:

08/23/16



DRAWN BY:

SA

CHECKED BY:

RJH

SHEET NUMBER:

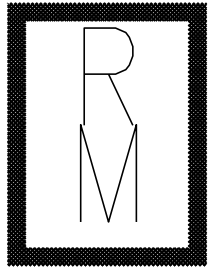
DATE:

08/23/16

E203

1 ELECTRICAL THIRD FLOOR PLAN
1/8"=1'-0"

AX-3-X



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PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
THIRD FLOOR PALN

PROJECT NO.

13010

LATEST REVISION:

08/23/16



DRAWN BY:

PTH

CHECKED BY:

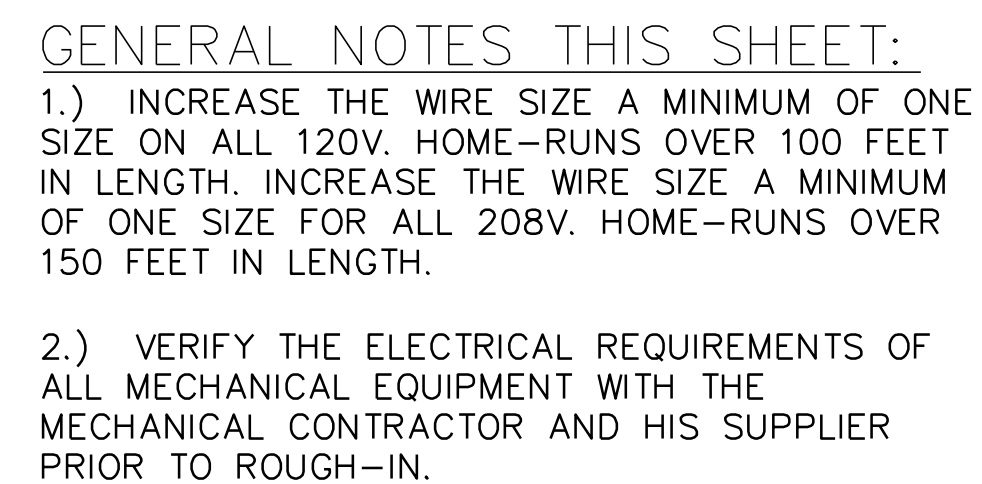
RJH

SHEET NUMBER:

DATE:

08/23/16

E204



Richard Molenaar
A R C H I T E C T



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PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
FOURTH FLOOR PLAN

PROJECT NO.
13010

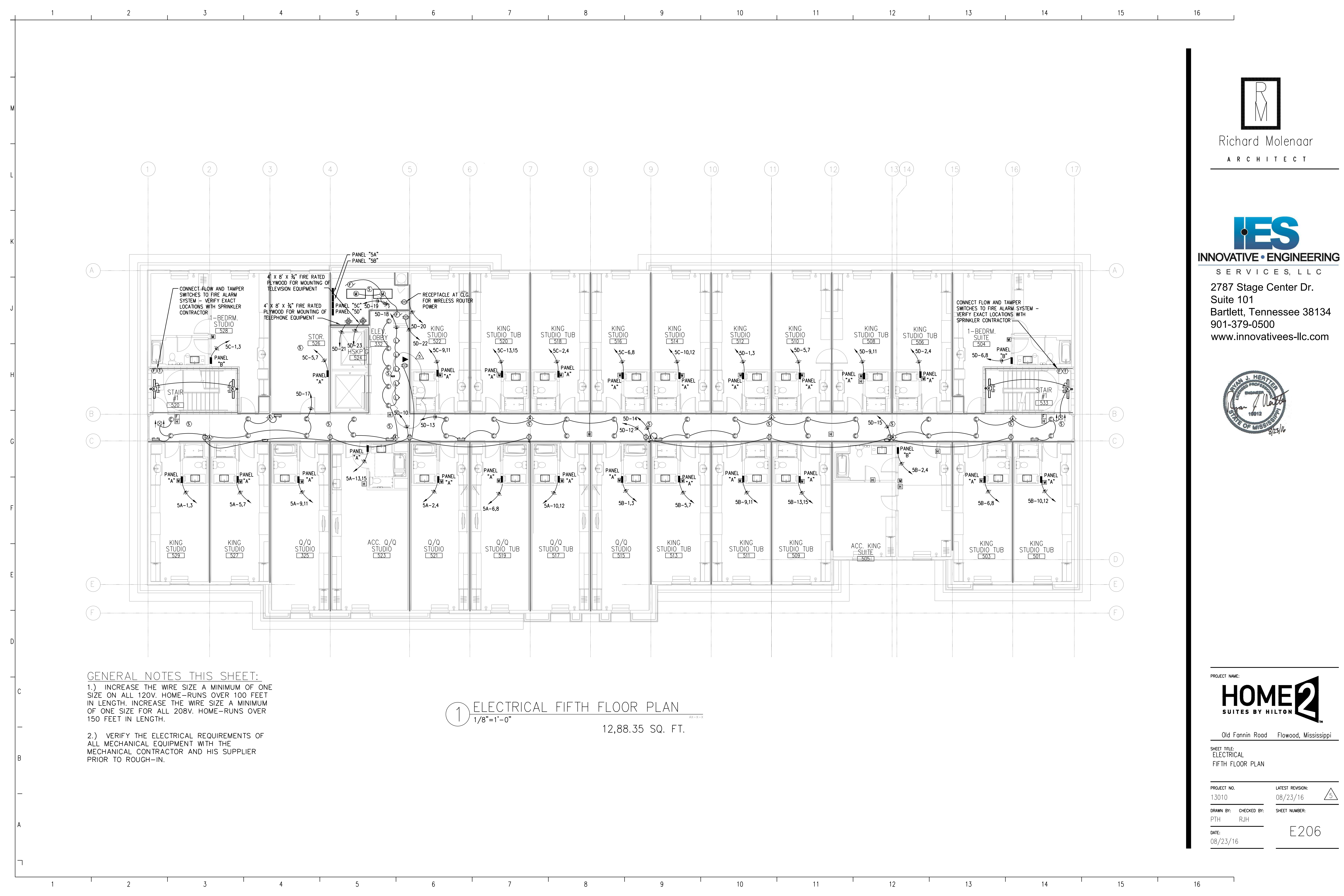
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08/23/16

DRAWN BY: PTH
CHECKED BY: RJH

SHEET NUMBER:

DATE:
08/23/16

E205

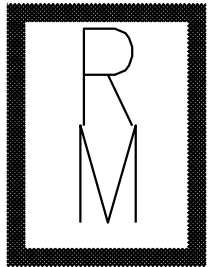


GENERAL NOTES THIS SHEET:

1.) INCREASE THE WIRE SIZE A MINIMUM OF ONE SIZE ON ALL 120V. HOME-RUNS OVER 100 FEET IN LENGTH. INCREASE THE WIRE SIZE A MINIMUM OF ONE SIZE FOR ALL 208V. HOME-RUNS OVER 150 FEET IN LENGTH.

2.) VERIFY THE ELECTRICAL REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR AND HIS SUPPLIER PRIOR TO ROUGH-IN.

1 ELECTRICAL FIFTH FLOOR PLAN
1/8"=1'-0"
12,88.35 SQ. FT.



Richard Molenaar
ARCHITECT



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PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
FIFTH FLOOR PLAN

PROJECT NO.

13010

LATEST REVISION:

08/23/16

5

DRAWN BY:

PTH

CHECKED BY:

RJH

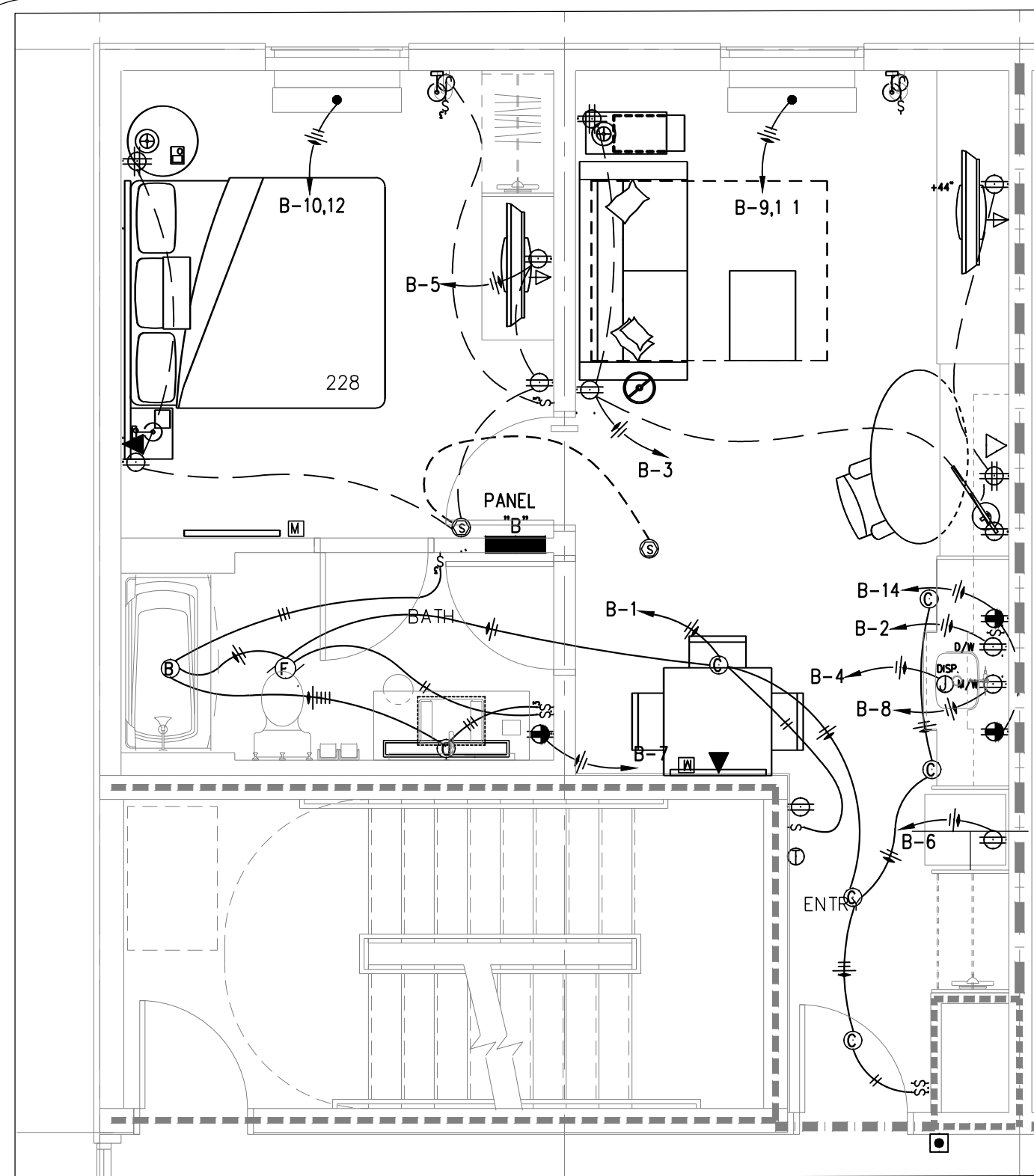
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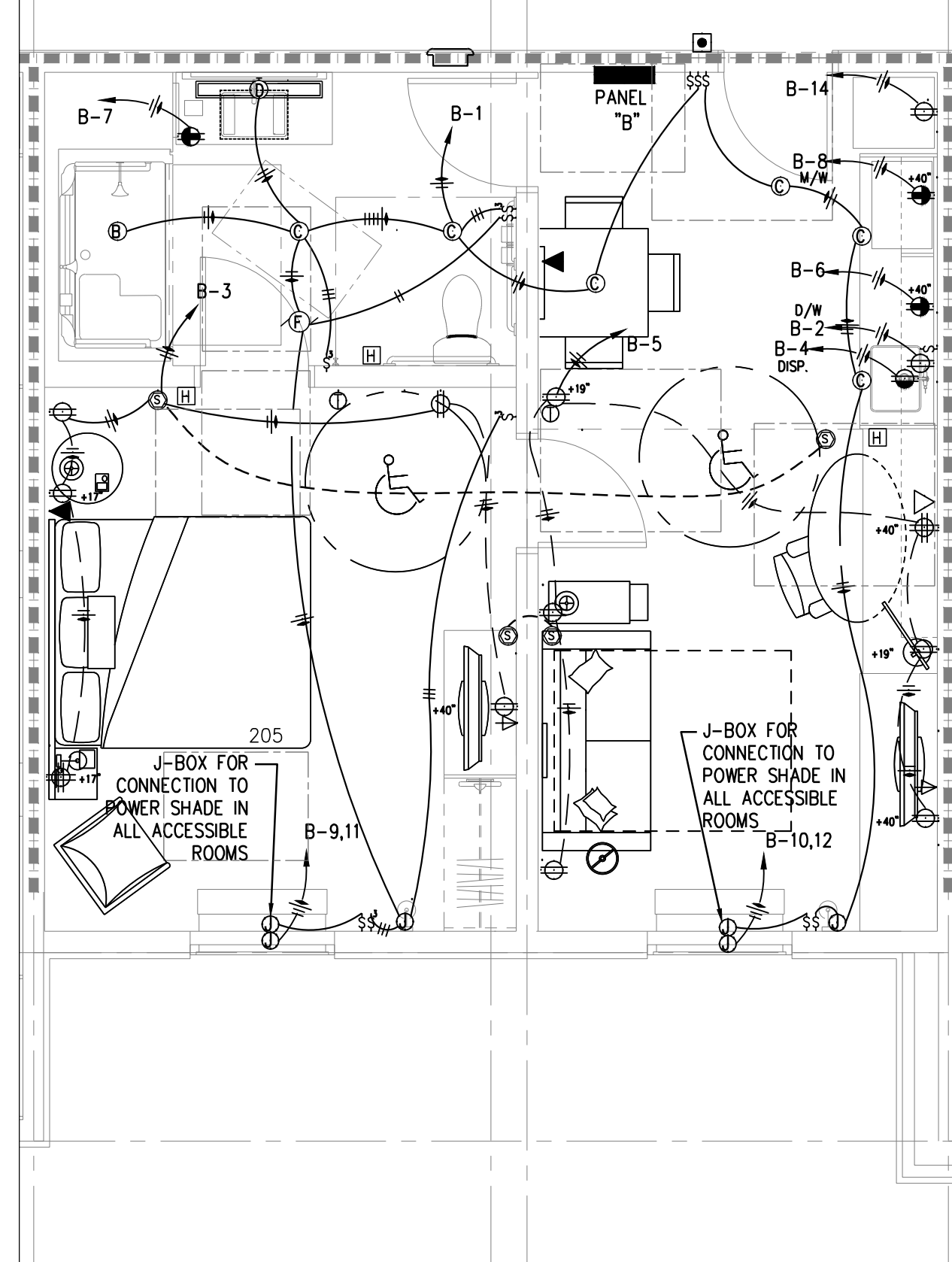
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E206

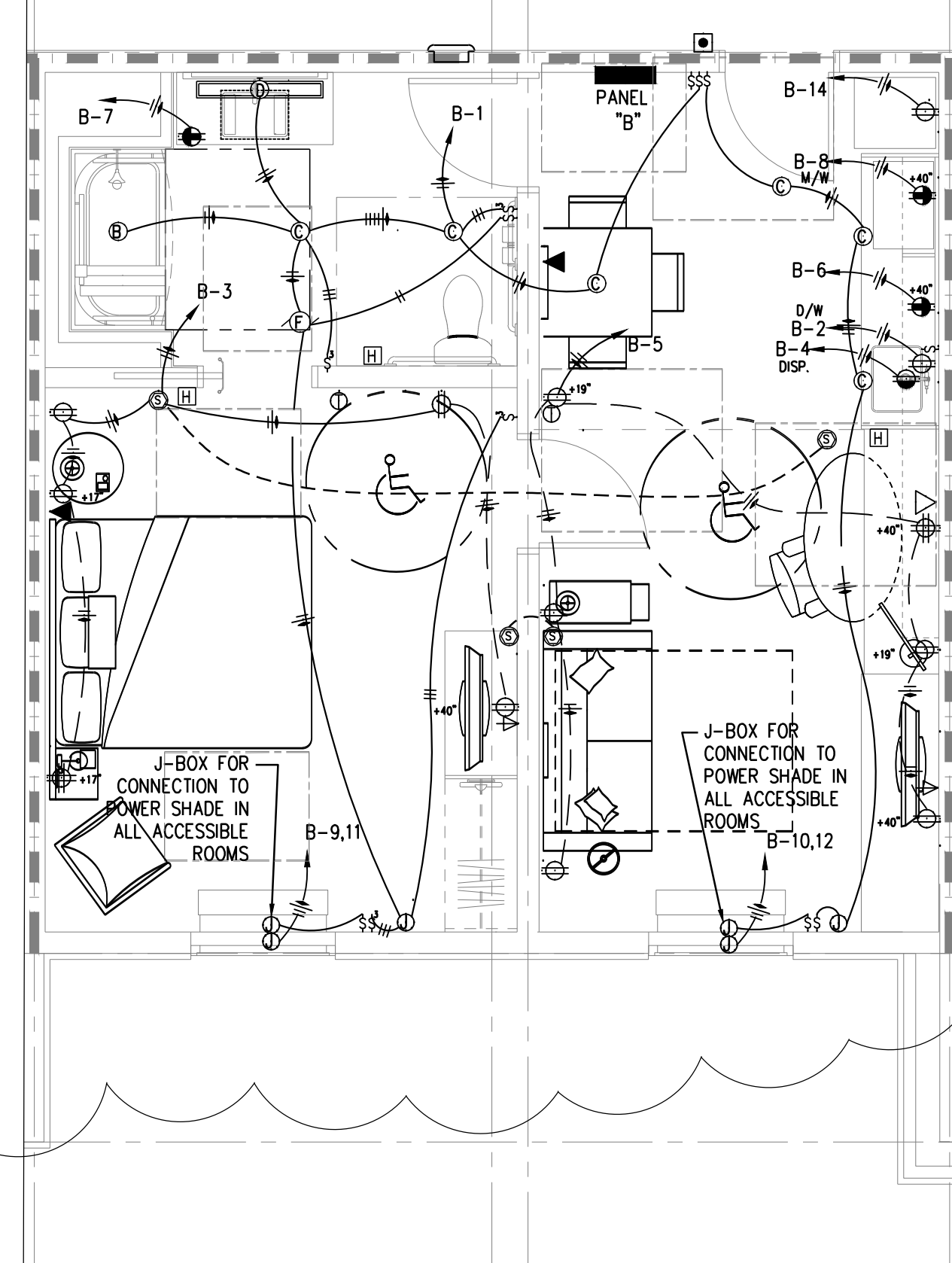
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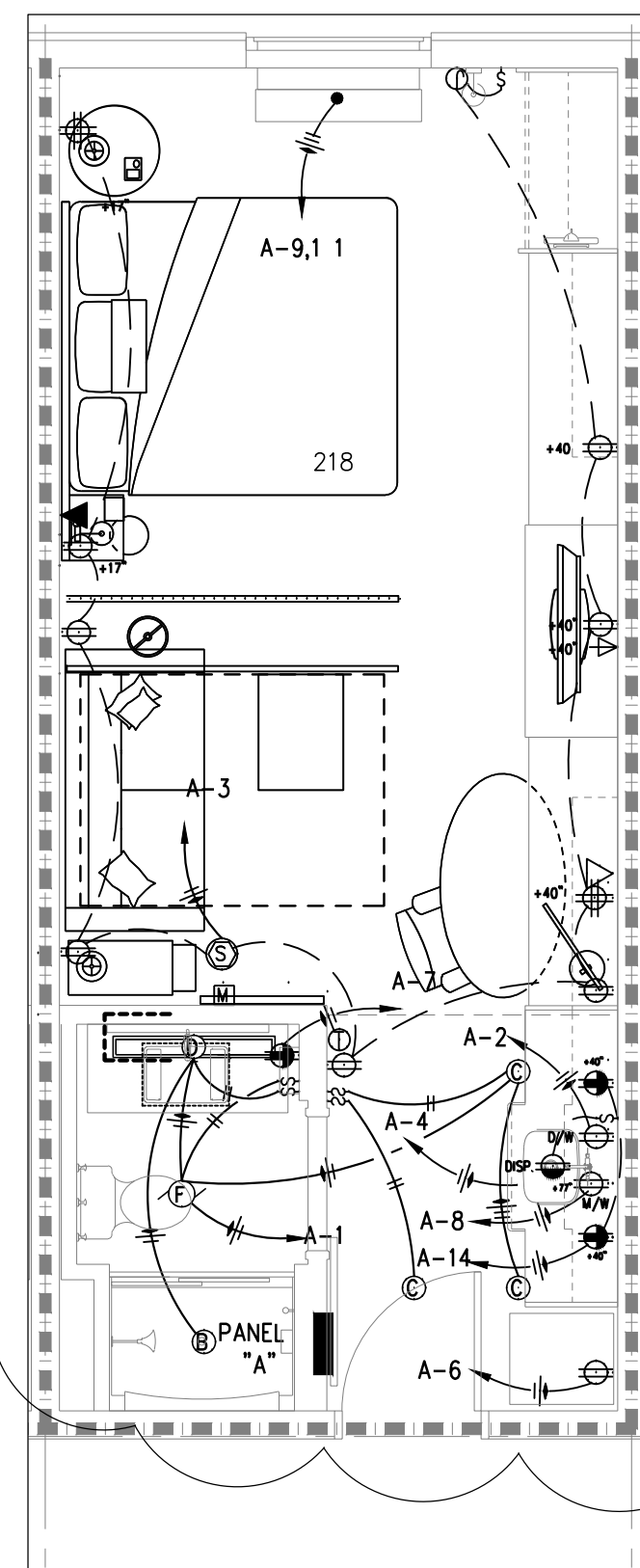
1 KING-1 BEDRM. 537 SQ. FT.
1/4"=1'-0"



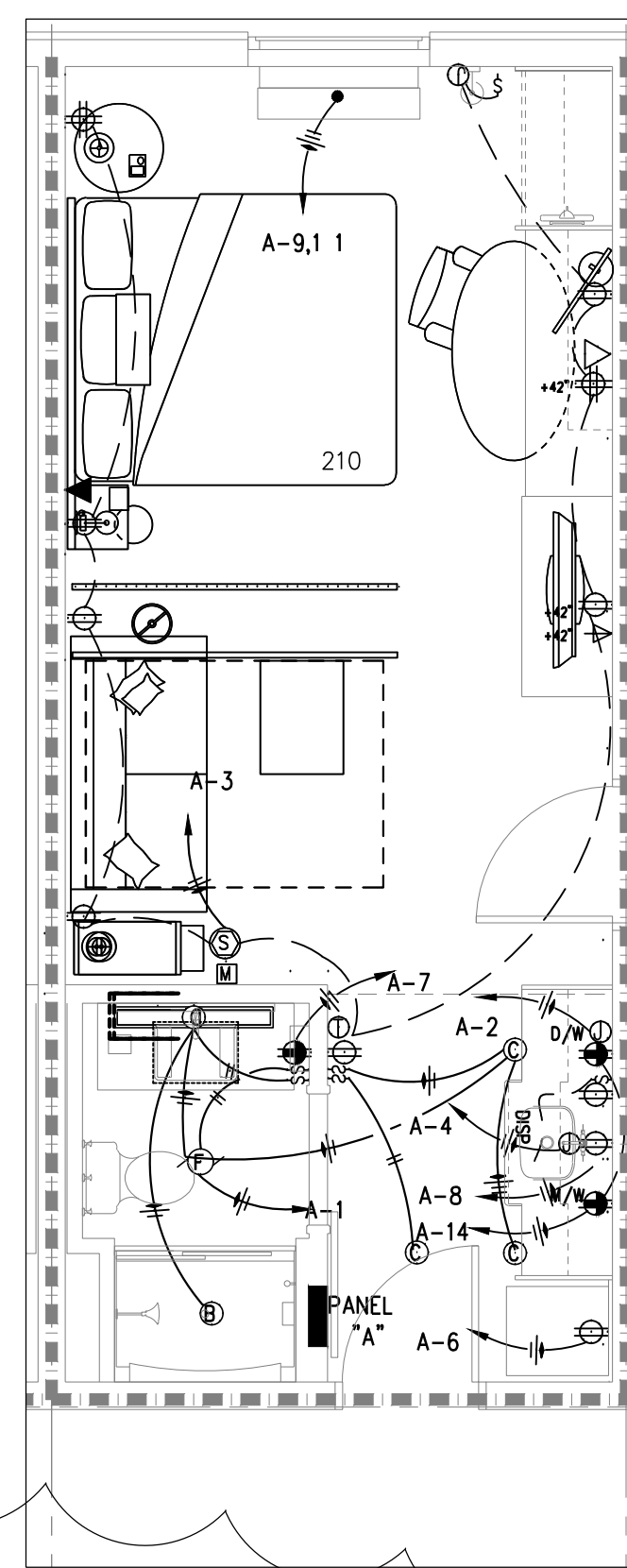
3 ACCESS. KING SUITE SHOWER
1/4"=1'-0"



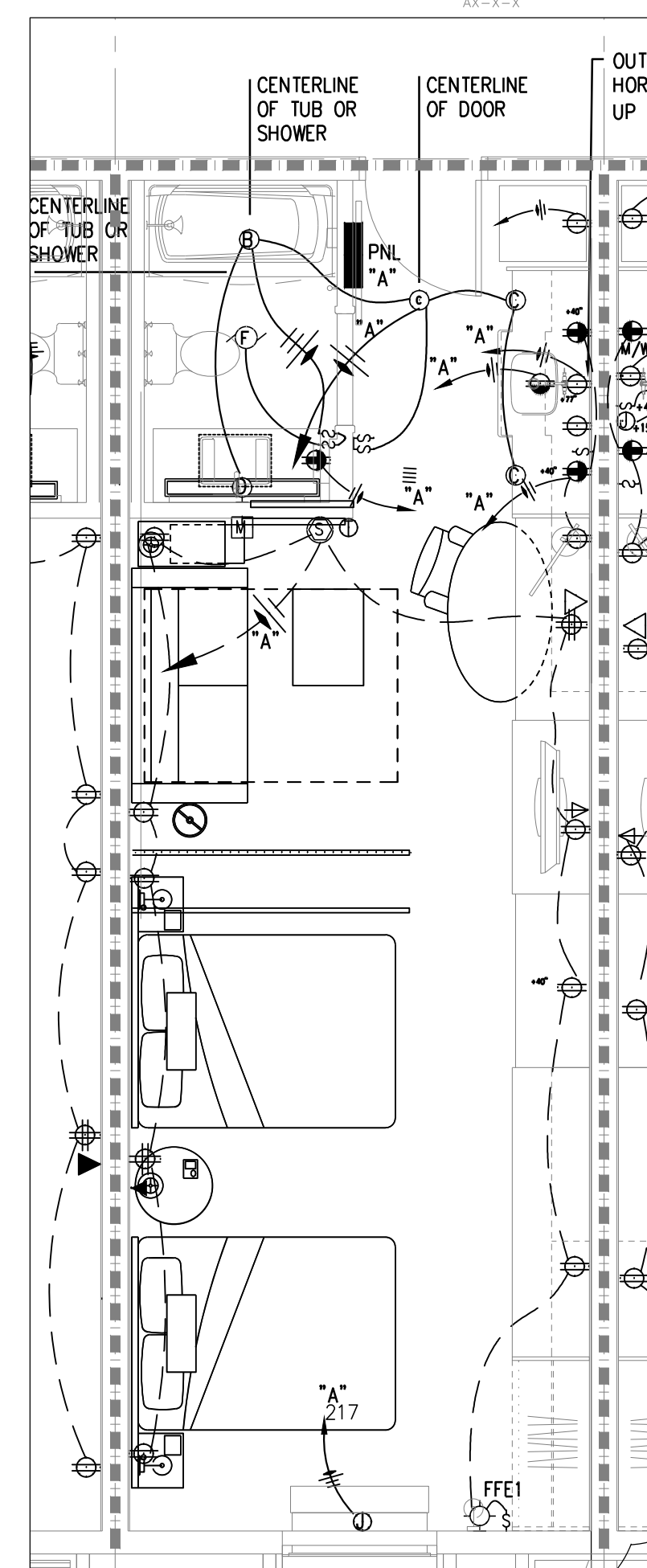
5 ACCESS. KING SUITE TUB
1/4"=1'-0"



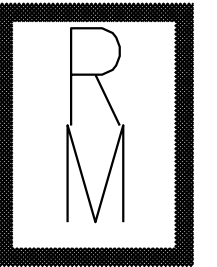
2 KING STUDIO 347 SQ. FT.
1/4"=1'-0"



4 CONN. KING STUDIO
1/4"=1'-0"



6 Q/Q STUDIO
1/4"=1'-0"



Richard Molenaar
ARCHITECT

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Bartlett, Tennessee 38134
901-379-0500
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PROJECT NAME:

HOME
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
KING ROOM ENLARGED

PROJECT NO.
13012

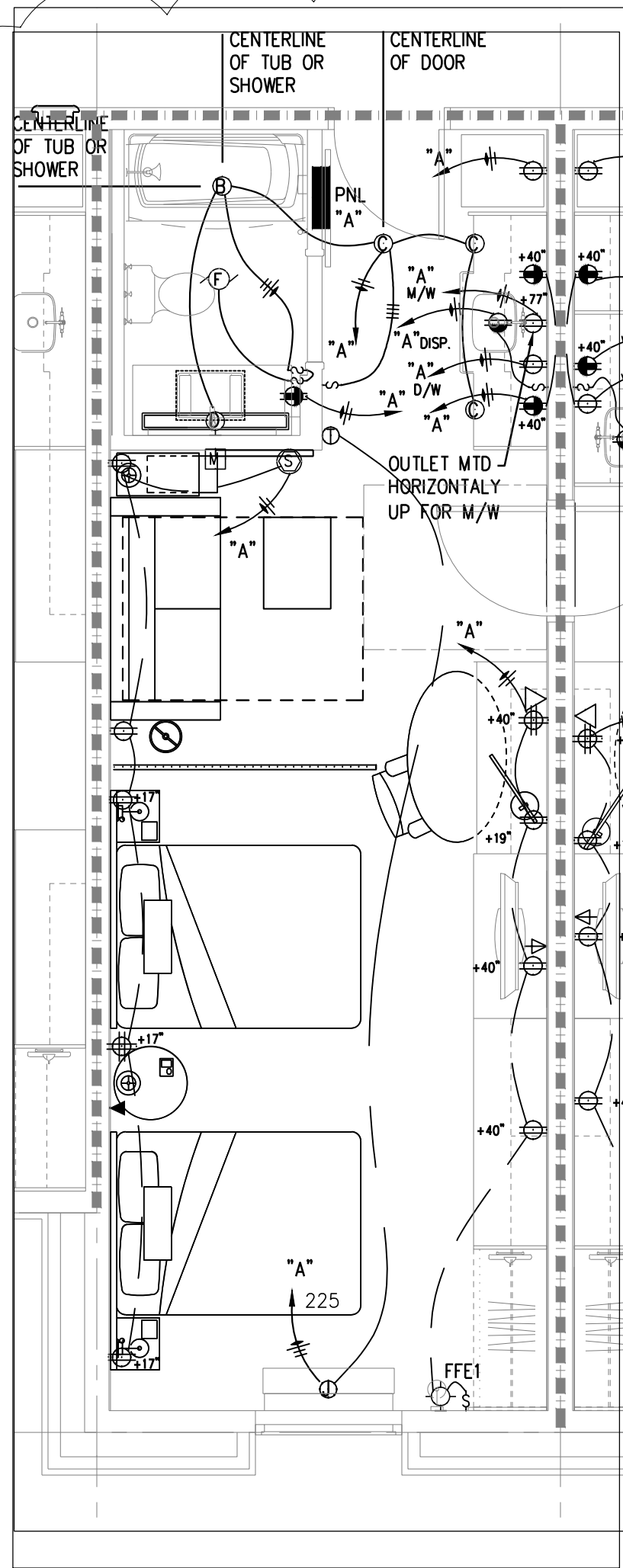
LATEST REVISION:
09/02/16

DRAWN BY: RJH
CHECKED BY: RJH

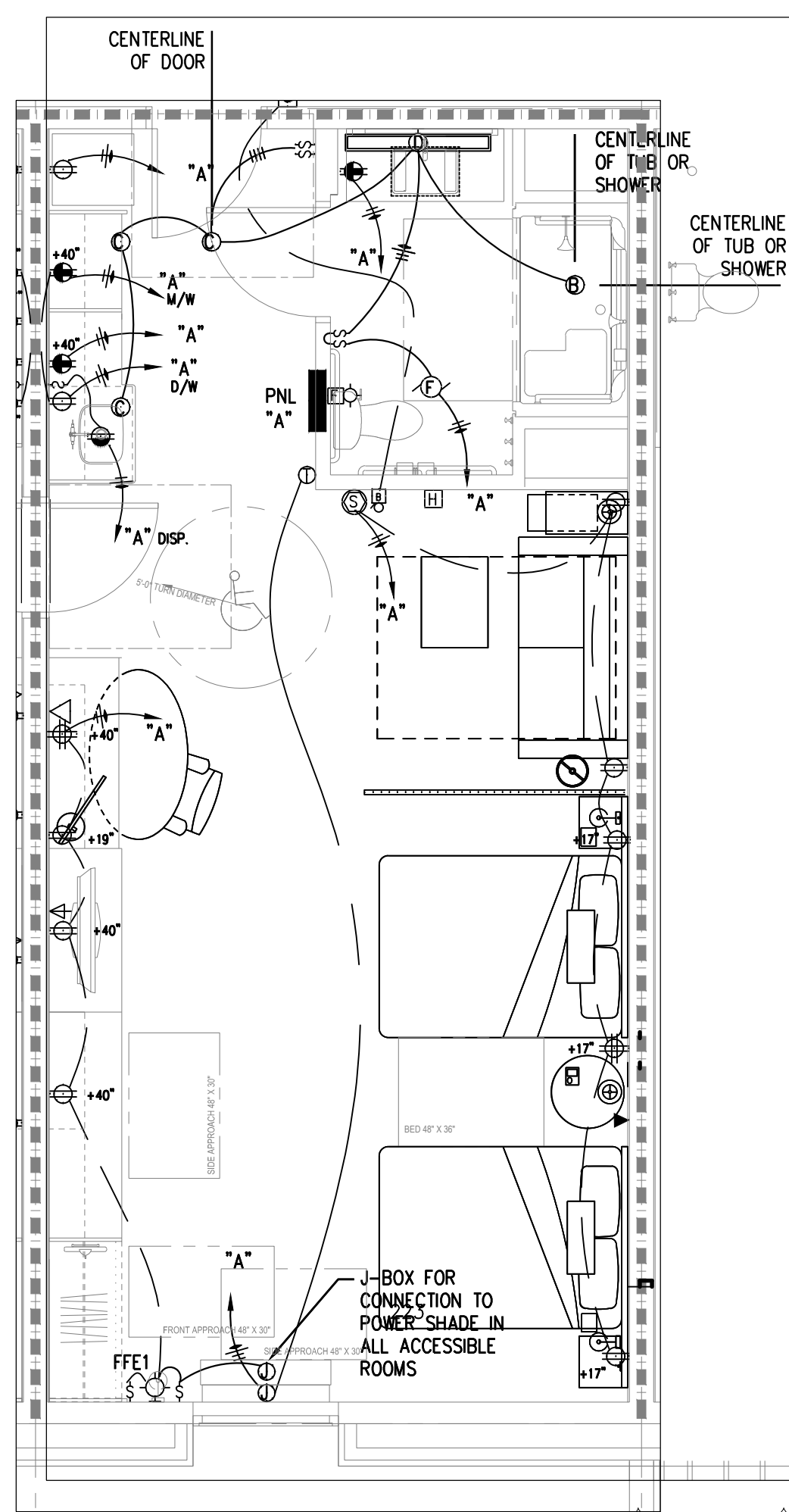
SHEET NUMBER:

DATE:
08/23/16

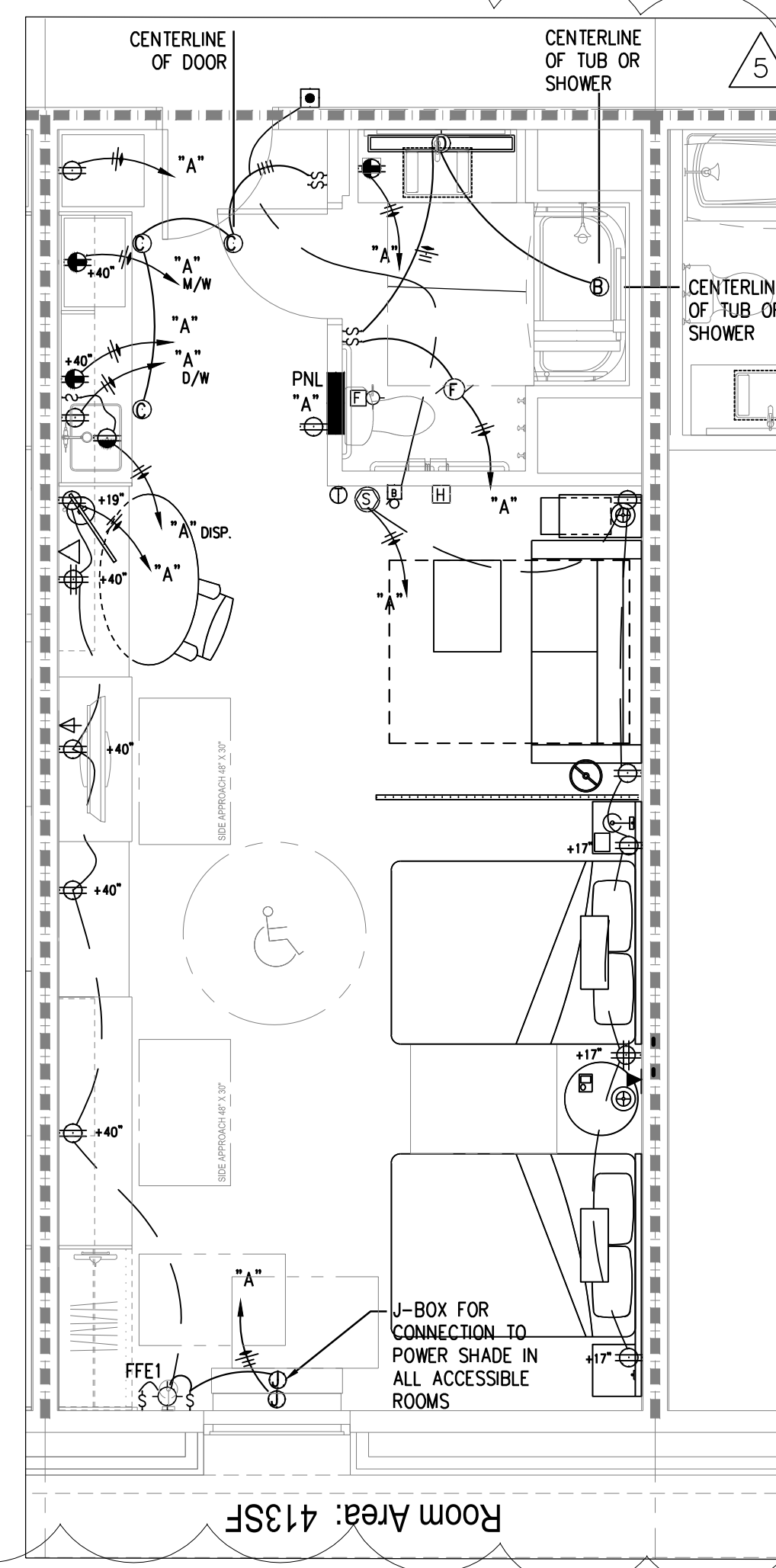
E301



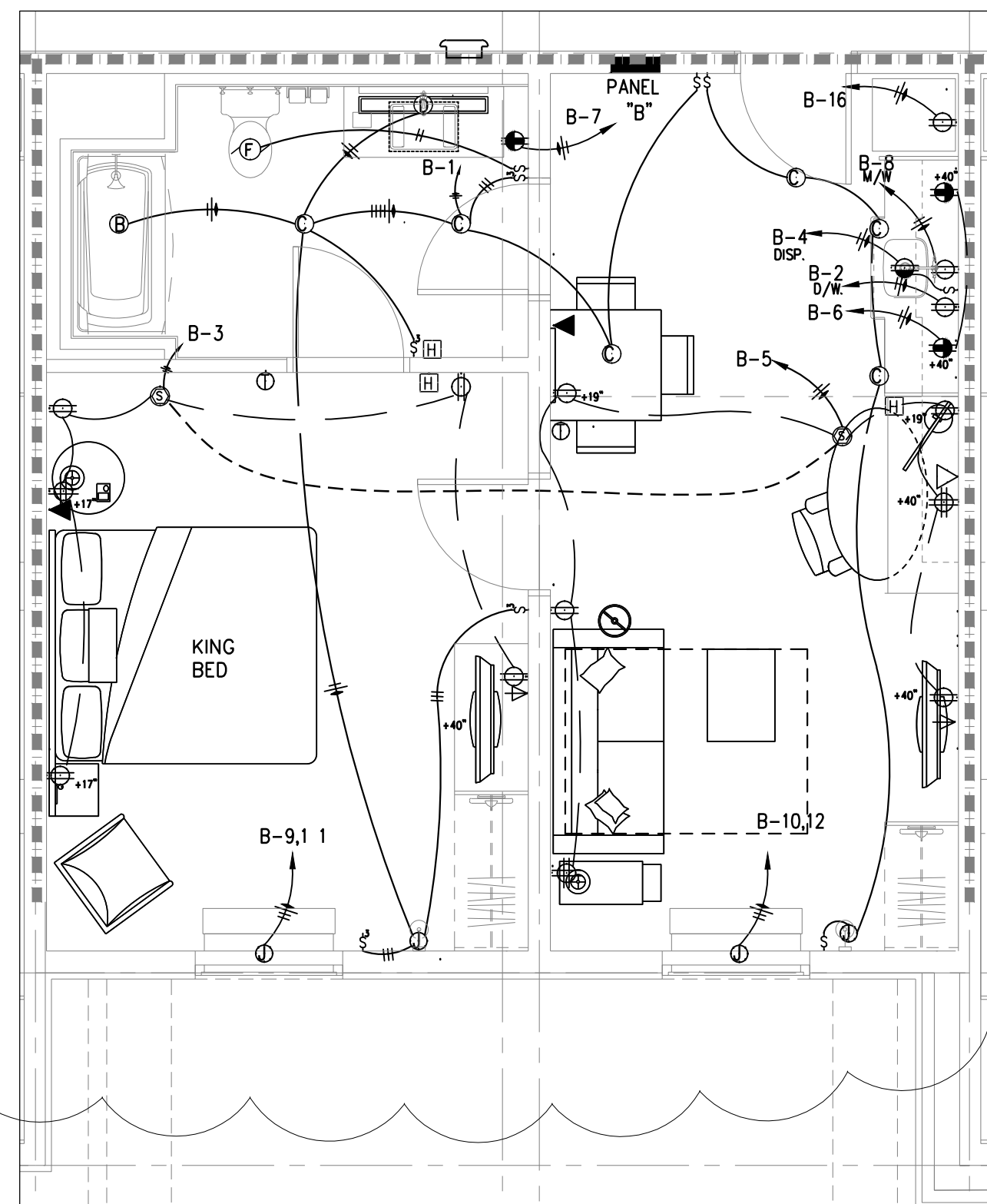
1 Q/Q_STUDIO-CONN.
1/4"=1'-0"



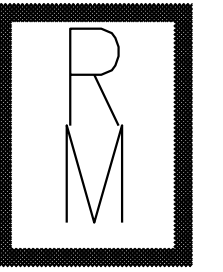
2 ACCESS. QUEEN/QUEEN STUDIO-CONN.
1/4"=1'-0"



2A ACCESS. QUEEN/QUEEN STUDIO
1/4"=1'-0"



3 KING-1 BEDRM. -TYPE 2
1/4"=1'-0"



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PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
QUEEN_ROOM_ENLARGED

PROJECT NO.
13010

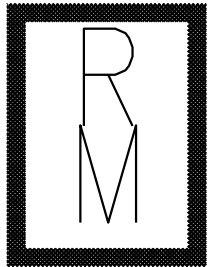
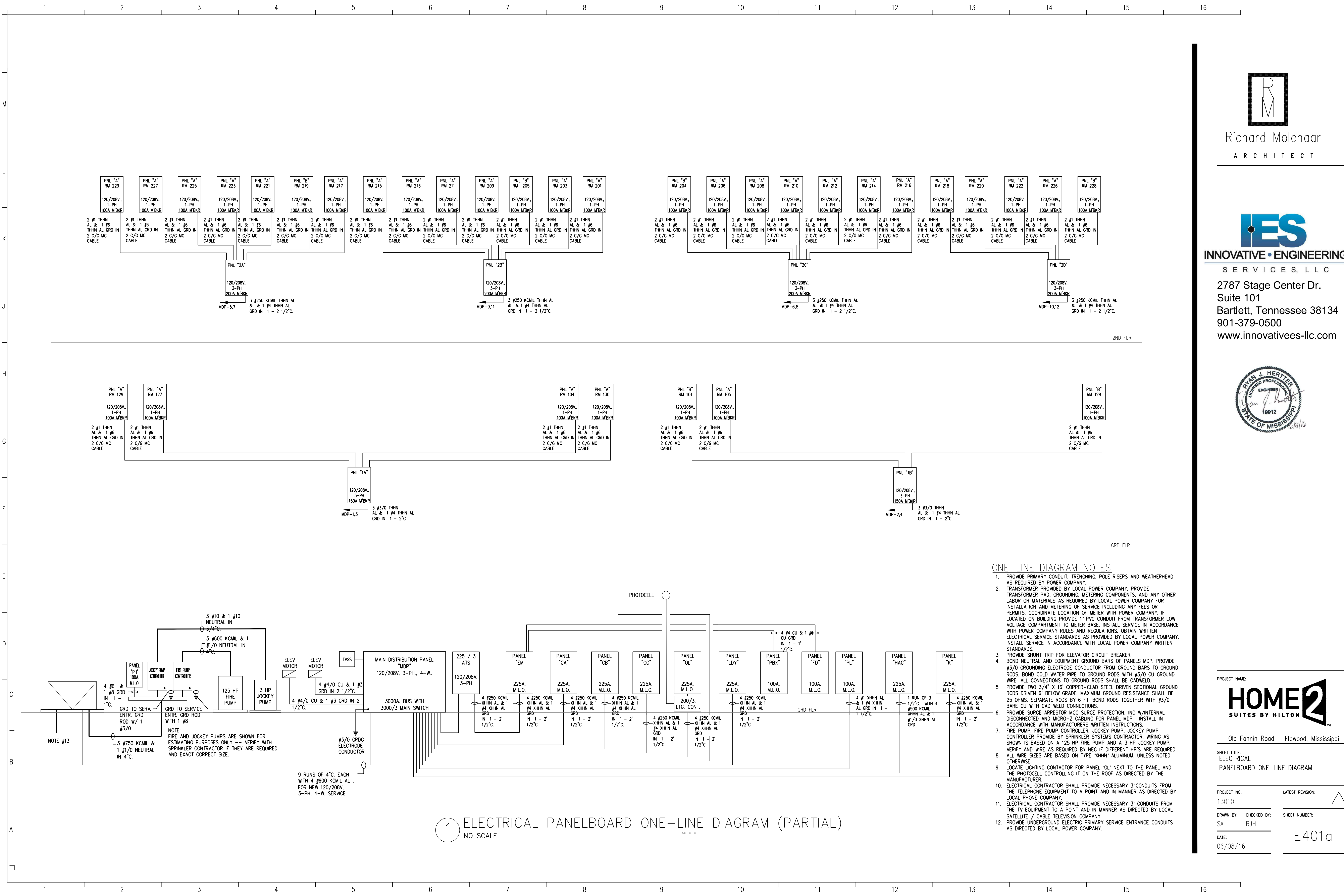
LATEST REVISION:
09/02/16

DRAWN BY: RJH
CHECKED BY: RJH

SHEET NUMBER:

DATE:
08/23/16

E302



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ONE-LINE DIAGRAM NOTES

1. PROVIDE PRIMARY CONDUIT, TRENCHING, POLE RISERS AND WEATHERHEAD AS REQUIRED BY POWER COMPANY.
2. TRANSFORMER PROVIDED BY LOCAL POWER COMPANY. PROVIDE TRANSFORMER PAD, GROUNDING, METERING COMPONENTS, AND ANY OTHER LABOR OR MATERIALS AS REQUIRED BY LOCAL POWER COMPANY FOR INSTALLATION AND METERING OF SERVICE INCLUDING ANY FEES OR PERMITS. COORDINATE LOCATION OF METER WITH POWER COMPANY. IF LOCATED ON BUILDING PROVIDE 1" PVC CONDUIT FROM TRANSFORMER LOW VOLTAGE COMPARTMENT TO METER BASE. INSTALL SERVICE IN ACCORDANCE WITH POWER COMPANY RULES AND REGULATIONS. OBTAIN WRITTEN ELECTRICAL SERVICE STANDARDS AS PROVIDED BY LOCAL POWER COMPANY. INSTALL SERVICE IN ACCORDANCE WITH LOCAL POWER COMPANY WRITTEN STANDARDS.
3. PROVIDE SHUNT TRIP FOR ELEVATOR CIRCUIT BREAKER.
4. BOND NEUTRAL AND EQUIPMENT GROUND BARS OF PANELS MDP. PROVIDE #3/0 GROUNDING ELECTRODE CONDUCTOR FROM GROUND BARS TO GROUND RODS. BOND COLD WATER PIPE TO GROUND RODS WITH #3/0 CU WELD CONNECTIONS. ALL CONNECTIONS TO GROUND RODS SHALL BE CADWELD.
5. PROVIDE TWO 3/4" X 16" COPPER-CLAD STEEL DRIVEN SECTIONAL GROUND RODS DRIVEN 6' BELOW GRADE. MAXIMUM GROUND RESISTANCE SHALL BE 25 OHMS. SEPARATE RODS BY 6 FT. BOND RODS TOGETHER WITH #3/0 BARE CU WITH CAD WELD CONNECTIONS.
6. PROVIDE SURGE ARRESTOR MCC SURGE PROTECTION, INC W/INTERNAL DISCONNECTED AND MICRO-Z CABLING FOR PANEL MDP. INSTALL IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.
7. FIRE PUMP, FIRE PUMP CONTROLLER, JOCKEY PUMP, JOCKEY WIRING AS SHOWN IS BASED ON A 125 HP FIRE PUMP AND A 3 HP JOCKEY PUMP. VERIFY AND WIRE AS REQUIRED BY NEC IF DIFFERENT HP'S ARE REQUIRED.
8. ALL WIRE SIZES ARE BASED ON TYPE "XHHN" ALUMINUM, UNLESS NOTED OTHERWISE.
9. LOCATE LIGHTING CONTACTOR FOR PANEL "OL" NEXT TO THE PANEL AND THE PHOTOCELL CONTROLLING IT ON THE ROOF AS DIRECTED BY THE MANUFACTURER.
10. ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY 3" CONDUITS FROM THE TELEPHONE EQUIPMENT TO A POINT AND IN MANNER AS DIRECTED BY LOCAL PHONE COMPANY.
11. ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY 3" CONDUITS FROM THE TV EQUIPMENT TO A POINT AND IN MANNER AS DIRECTED BY LOCAL SATELLITE / CABLE TELEVISION COMPANY.
12. PROVIDE UNDERGROUND ELECTRIC PRIMARY SERVICE ENTRANCE CONDUITS AS DIRECTED BY LOCAL POWER COMPANY.

PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
PANELBOARD ONE-LINE DIAGRAM

PROJECT NO.

13010

LATEST REVISION:



DRAWN BY:

SA

CHECKED BY:

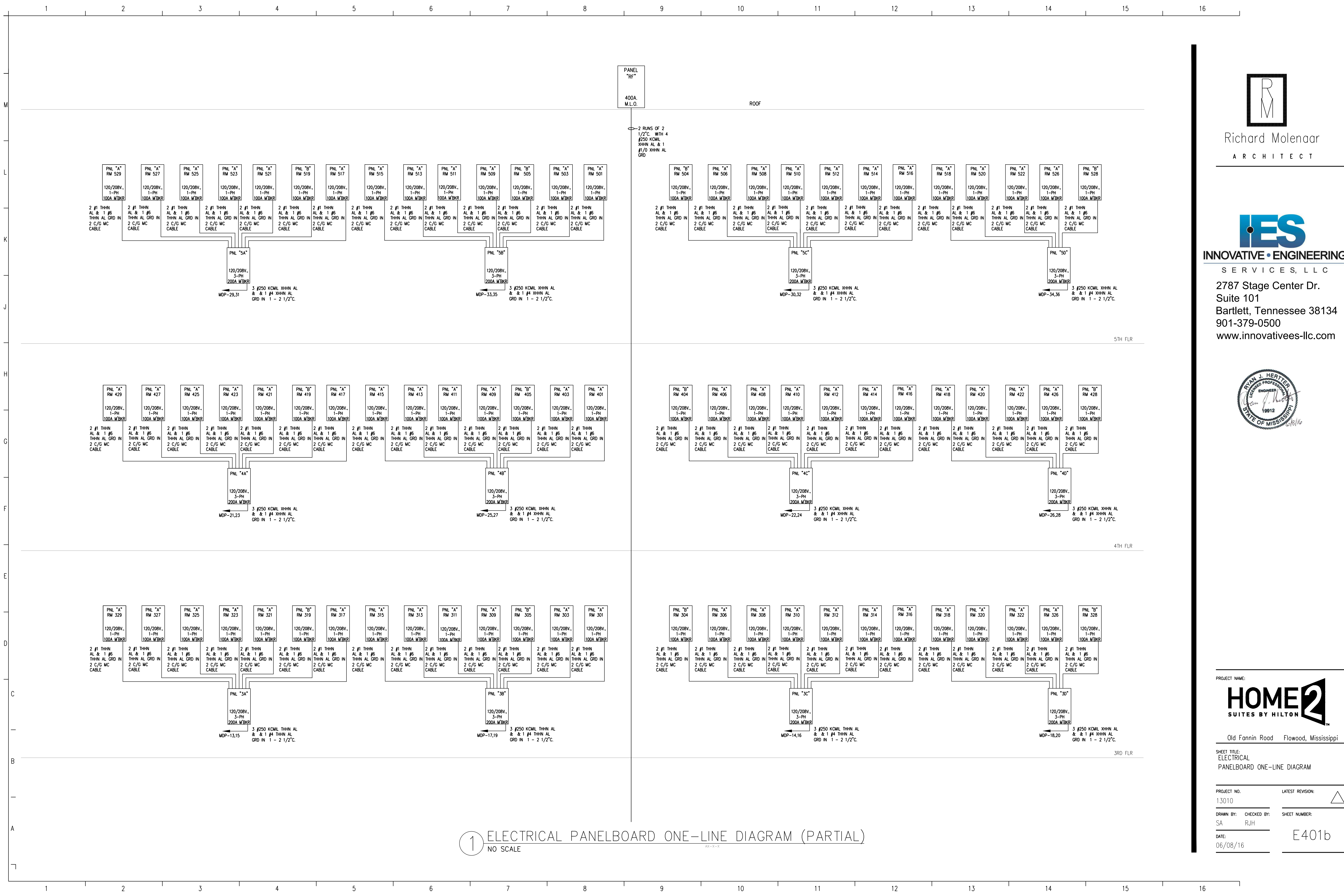
RJH

SHEET NUMBER:

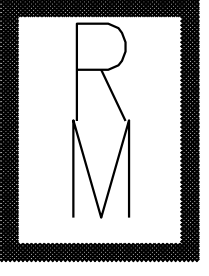
DATE:

06/08/16

E401a



1 ELECTRICAL PANELBOARD ONE-LINE DIAGRAM (PARTIAL)
NO SCALE



Richard Molenaar
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PROJECT NAME:
HOME2
SUITES BY HILTON
Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
PANELBOARD ONE-LINE DIAGRAM

PROJECT NO. 13010
DRAWN BY: SA
CHECKED BY: RJH
DATE: 06/08/16
LATEST REVISION:
SHEET NUMBER: E401b

ELECTRICAL PANELBOARD SCHEDULES

[illegible][illegible][illegible][illegible]

PROJECT NAME: HOME 2 - FLOODNO. 31				JAC DATES: 10/90	
PROJECT NAME: "GAC"				FACILITY: SURFACE	
FACILITY VOLTAGE: 2500 VOLT, 3-Ø, 4-W.				FACILITY: SURFACE	
QTY NO	DETAILED DESCRIPTION	UNIT	QTY	LOAD PER PHASE	QTY NO
				PHASE A	PHASE B
1	SPARE	300	200	1000	1000
2	SPARE	200	200	200	200
3	SPARE	300	300	300	300
4	SPARE	400	400	400	400
5	SPARE	500	500	500	500
6	SPARE	600	600	600	600
7	SPARE	700	700	700	700
8	SPARE	800	800	800	800
9	SPARE	900	900	900	900
10	SPARE	1000	1000	1000	1000
11	SPARE	1100	1100	1100	1100
12	SPARE	1200	1200	1200	1200
13	SPARE	1300	1300	1300	1300
14	SPARE	1400	1400	1400	1400
15	SPARE	1500	1500	1500	1500
16	SPARE	1600	1600	1600	1600
17	SPARE	1700	1700	1700	1700
18	SPARE	1800	1800	1800	1800
19	SPARE	1900	1900	1900	1900
20	SPARE	2000	2000	2000	2000
21	SPARE	2100	2100	2100	2100
22	SPARE	2200	2200	2200	2200
23	SPARE	2300	2300	2300	2300
24	SPARE	2400	2400	2400	2400
25	SPARE	2500	2500	2500	2500
26	SPARE	2600	2600	2600	2600
27	SPARE	2700	2700	2700	2700
28	SPARE	2800	2800	2800	2800
29	SPARE	2900	2900	2900	2900
30	SPARE	3000	3000	3000	3000
31	SPARE	3100	3100	3100	3100
32	SPARE	3200	3200	3200	3200
33	SPARE	3300	3300	3300	3300
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35	SPARE	3500	3500	3500	3500
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37	SPARE	3700	3700	3700	3700
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94	SPARE	9400	9400	9400	9400
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99	SPARE	9900	9900	9900	9900
100	SPARE	10000	10000	10000	10000
101	SPARE	10100	10100	10100	10100
102	SPARE	10200	10200	10200	10200
103	SPARE	10300	10300	10300	10300
104	SPARE	10400	10400	10400	10400
105	SPARE	10500	10500	10500	10500
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109	SPARE	10900	10900	10900	10900
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111	SPARE	11100	11100	11100	11100
112	SPARE	11200	11200	11200	11200
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114	SPARE	11400	11400	11400	11400
115	SPARE	11500	11500	11500	11500
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118	SPARE	11800	11800	11800	11800
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213	SPARE	21300	21300	21300	21300
214	SPARE	21400	21400	21400	21400
215	SPARE	21500	21500	21500	21500
216	SPARE	216			

PROJECT NAME: HOME 2 - FLOODWID, MI				AC NUMBER: 15.000			
PANEL NAME: "LBY"		PANEL NAME: W.D.		PANEL LOTS	SURFACE		
PANEL LOCATION: 20000-34N-14E		PANEL NUMBER: 252A		LOCATION			
CHT NO	CHPT DESCRIPTION	660 SQ	A PHASE	LOAD PER PHASE S PHASE C PHASE	SWR LBS	CHPT DESCRIPTION	CHT NO
1	ORDER	243	1000 1000	1000 1000	300	WADCHER	1
2							2
3							3
4							4
5	ORDER	243	1000 1000	1000 1000	300	WADCHER	5
6							6
7							7
8							8
9	ORDER	243	1000 1000	1000 1000	300	WADCHER	9
10							10
11							11
12							12
13	ORDER	243	1000 1000	1000 1000	300	WADCHER	13
14							14
15							15
16							16
17	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	17
18	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	18
19	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	19
20	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	20
21	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	21
22	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	22
23	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	23
24	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	24
25	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	25
26	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	26
27	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	27
28	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	28
29	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	29
30	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	30
31	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	31
32	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	32
33	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	33
34	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	34
35	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	35
36	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	36
37	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	37
38	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	38
39	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	39
40	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	40
41	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	41
42	RECEPIABLE CROFT	243	1000 1200	1000 1200	201 021	RECEPIABLE CROFT	42
PANEL WATTS TOTALS			15,000	15,000	15,000	PANEL WATTS TOTALS	
TOTAL WATTS LOAD ON PANEL			8,500	8,500	11,167	TOTAL WATTS LOAD ON PANEL	
TOTAL AMP LOAD @ 120/208V, 3PH			11.167	11.167	15.167	TOTAL AMP LOAD @ 120/208V, 3PH	

[illegible]

PROJECT NAME:		HOME 2 - FLOWOOD, MN		ACREAGE:		13.889	
FUND NAME: "GBX"		FUND USED: 190A, M.D.		FUND SPTS:		FUND SPTS:	
FUND YALUE:		FUND SPTS:		LOCATION:		PER PERSON	
EXP NO	CRUIT DESCRIPTION	PER	PER	LOAD PER PHASE	LOCATION	PER PERSON	CRUIT DESCRIPTION
1	ISOLATED GRS RECEIPT	201	100	100	201	201	ISOLATED GRS RECEIPT
2	ISOLATED GRS RECEIPT	201	100	100	201	201	ISOLATED GRS RECEIPT
3	ISOLATED GRS RECEIPT	201	100	100	201	201	ISOLATED GRS RECEIPT
4	ISOLATED GRS RECEIPT	201	100	100	201	201	ISOLATED GRS RECEIPT
5	SHADE	201	100	100	201	201	SHADE
6	SHADE	201	100	100	201	201	SHADE
7	SHADE	201	100	100	201	201	SHADE
8	SHADE	201	100	100	201	201	SHADE
9	SHADE	201	100	100	201	201	SHADE
10	SHADE	201	100	100	201	201	SHADE
11	SHADE	201	100	100	201	201	SHADE
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33	SHADE	201	100	100	201	201	SHADE
34	SHADE	201	100	100	201	201	SHADE
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158	SHADE	201	100	100	201	201	SHADE
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161	SHADE	201	100	100	201	201	SHADE
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166	SHADE	201	100	100	201	201	SHADE
167	SHADE	201	100	100	201	201	SHADE
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180	SHADE	201	100	100	201	201	SHADE
181	SHADE	201	100	100	201	201	SHADE
182	SHADE	201	100	100	201	201	SHADE
183	SHADE	201	100	100	201	201	SHADE
184	SHADE	201	100	100	201	201	SHADE
185	SHADE	201	100	100	201	201	SHADE
186							

[illegible]

PROJECT NAME				HOME 2 - FLOODWIDE, MI		AC/UTG		10/06	
PANEL NAME: "TL"				PANEL NAME: "WLD"		PANEL NAME: "SURF"		PANEL NAME: "SURF"	
PANEL VOLTAGE: 208V, 3PH, 4W				PANEL SERIAL: 306A		PANEL LOCATION		PANEL EQUIPMENT ROOM	
CHG NO	CHRG DESCRIPTION	WIR SIZE	AMPAGE	LOAD PER PHASE	WIR SIZE	AMPAGE	CHRG DESCRIPTION	WIR SIZE	AMPAGE
			A-Phase	B-Phase		C-Phase			
1	NOTHING HOT WATER HEATER	10	570	1000			POOL PUMP	201-01	
2									
3		20-40	620	1000			POOL EQUIP RECEPTACLES		
4		SPARE	201	1000		201-01	POOL EQUIP RECEPTACLES		
5		SPARE	201	1000		201-02	POOL EQUIP RECEPTACLES		
6		SPARE	201	1000		201-03	POOL EQUIP RECEPTACLES		
7		SPARE	201	1000		201-04	POOL EQUIP RECEPTACLES		
8		SPARE	201	1000		201-05	POOL EQUIP RECEPTACLES		
9		SPARE	201	1000		201-06	POOL EQUIP RECEPTACLES		
10		SPARE	201	1000		201-07	POOL EQUIP RECEPTACLES		
11		SPARE	201	1000		201-08	POOL EQUIP RECEPTACLES		
12		SPARE	201	1000		201-09	POOL EQUIP RECEPTACLES		
13		SPARE	201	1000		201-10	POOL EQUIP RECEPTACLES		
14		SPARE	201	1000		201-11	POOL EQUIP RECEPTACLES		
15		SPARE	201	1000		201-12	POOL EQUIP RECEPTACLES		
16		SPARE	201	1000		201-13	POOL EQUIP RECEPTACLES		
17		SPARE	201	1000		201-14	POOL EQUIP RECEPTACLES		
18		SPARE	201	1000		201-15	POOL EQUIP RECEPTACLES		
19		SPARE	201	1000		201-16	POOL EQUIP RECEPTACLES		
20		SPARE	201	1000		201-17	POOL EQUIP RECEPTACLES		
21		SPARE	201	1000		201-18	POOL EQUIP RECEPTACLES		
22		SPARE	201	1000		201-19	POOL EQUIP RECEPTACLES		
23		SPARE	201	1000		201-20	POOL EQUIP RECEPTACLES		
24		SPARE	201	1000		201-21	POOL EQUIP RECEPTACLES		
25		SPARE	201	1000		201-22	POOL EQUIP RECEPTACLES		
26		SPARE	201	1000		201-23	POOL EQUIP RECEPTACLES		
27		SPARE	201	1000		201-24	POOL EQUIP RECEPTACLES		
28		SPARE	201	1000		201-25	POOL EQUIP RECEPTACLES		
29		SPARE	201	1000		201-26	POOL EQUIP RECEPTACLES		
30		SPARE	201	1000		201-27	POOL EQUIP RECEPTACLES		
31		SPARE	201	1000		201-28	POOL EQUIP RECEPTACLES		
32		SPARE	201	1000		201-29	POOL EQUIP RECEPTACLES		
33		SPARE	201	1000		201-30	POOL EQUIP RECEPTACLES		
34		SPARE	201	1000		201-31	POOL EQUIP RECEPTACLES		
35		SPARE	201	1000		201-32	POOL EQUIP RECEPTACLES		
36		SPARE	201	1000		201-33	POOL EQUIP RECEPTACLES		
37		SPARE	201	1000		201-34	POOL EQUIP RECEPTACLES		
38		SPARE	201	1000		201-35	POOL EQUIP RECEPTACLES		
39		SPARE	201	1000		201-36	POOL EQUIP RECEPTACLES		
40		SPARE	201	1000		201-37	POOL EQUIP RECEPTACLES		
41		SPARE	201	1000		201-38	POOL EQUIP RECEPTACLES		
42		SPARE	201	1000		201-39	POOL EQUIP RECEPTACLES		
43		SPARE	201	1000		201-40	POOL EQUIP RECEPTACLES		
44		SPARE	201	1000		201-41	POOL EQUIP RECEPTACLES		
45		SPARE	201	1000		201-42	POOL EQUIP RECEPTACLES		
46		SPARE	201	1000		201-43	POOL EQUIP RECEPTACLES		
47		SPARE	201	1000		201-44	POOL EQUIP RECEPTACLES		
48		SPARE	201	1000		201-45	POOL EQUIP RECEPTACLES		
49		SPARE	201	1000		201-46	POOL EQUIP RECEPTACLES		
50		SPARE	201	1000		201-47	POOL EQUIP RECEPTACLES		
51		SPARE	201	1000		201-48	POOL EQUIP RECEPTACLES		
52		SPARE	201	1000		201-49	POOL EQUIP RECEPTACLES		
53		SPARE	201	1000		201-50	POOL EQUIP RECEPTACLES		
54		SPARE	201	1000		201-51	POOL EQUIP RECEPTACLES		
55		SPARE	201	1000		201-52	POOL EQUIP RECEPTACLES		
56		SPARE	201	1000		201-53	POOL EQUIP RECEPTACLES		
57		SPARE	201	1000		201-54	POOL EQUIP RECEPTACLES		
58		SPARE	201	1000		201-55	POOL EQUIP RECEPTACLES		
59		SPARE	201	1000		201-56	POOL EQUIP RECEPTACLES		
60		SPARE	201	1000		201-57	POOL EQUIP RECEPTACLES		
61		SPARE	201	1000		201-58	POOL EQUIP RECEPTACLES		
62		SPARE	201	1000		201-59	POOL EQUIP RECEPTACLES		
63		SPARE	201	1000		201-60	POOL EQUIP RECEPTACLES		
64		SPARE	201	1000		201-61	POOL EQUIP RECEPTACLES		
65		SPARE	201	1000		201-62	POOL EQUIP RECEPTACLES		
66		SPARE	201	1000		201-63	POOL EQUIP RECEPTACLES		
67		SPARE	201	1000		201-64	POOL EQUIP RECEPTACLES		
68		SPARE	201	1000		201-65	POOL EQUIP RECEPTACLES		
69		SPARE	201	1000		201-66	POOL EQUIP RECEPTACLES		
70		SPARE	201	1000		201-67	POOL EQUIP RECEPTACLES		
71		SPARE	201	1000		201-68	POOL EQUIP RECEPTACLES		
72		SPARE	201	1000		201-69	POOL EQUIP RECEPTACLES		
73		SPARE	201	1000		201-70	POOL EQUIP RECEPTACLES		
74		SPARE	201	1000		201-71	POOL EQUIP RECEPTACLES		
75		SPARE	201	1000		201-72	POOL EQUIP RECEPTACLES		
76		SPARE	201	1000		201-73	POOL EQUIP RECEPTACLES		
77		SPARE	201	1000		201-74	POOL EQUIP RECEPTACLES		
78		SPARE	201	1000		201-75	POOL EQUIP RECEPTACLES		
79		SPARE	201	1000		201-76	POOL EQUIP RECEPTACLES		
80		SPARE	201	1000		201-77	POOL EQUIP RECEPTACLES		
81		SPARE	201	1000		201-78	POOL EQUIP RECEPTACLES		
82		SPARE	201	1000		201-79	POOL EQUIP RECEPTACLES		
83		SPARE	201	1000		201-80	POOL EQUIP RECEPTACLES		
84		SPARE	201	1000		201-81	POOL EQUIP RECEPTACLES		
85		SPARE	201	1000		201-82	POOL EQUIP RECEPTACLES		
86		SPARE	201	1000		201-83	POOL EQUIP RECEPTACLES		
87		SPARE	201	1000		201-84	POOL EQUIP RECEPTACLES		
88		SPARE	201	1000		201-85	POOL EQUIP RECEPTACLES		
89		SPARE	201	1000		201-86	POOL EQUIP RECEPTACLES		
90		SPARE	201	1000		201-87	POOL EQUIP RECEPTACLES		
91		SPARE	201	1000		201-88	POOL EQUIP RECEPTACLES		
92		SPARE	201	1000		201-89	POOL EQUIP RECEPTACLES		
93		SPARE	201	1000		201-90	POOL EQUIP RECEPTACLES		
94		SPARE	201	1000		201-91	POOL EQUIP RECEPTACLES		
95		SPARE	201	1000		201-92	POOL EQUIP RECEPTACLES		
96		SPARE	201	1000		201-93	POOL EQUIP RECEPTACLES		
97		SPARE	201	1000		201-94	POOL EQUIP RECEPTACLES		
98		SPARE	201	1000		201-95	POOL EQUIP RECEPTACLES		
99		SPARE	201	1000		201-96	POOL EQUIP RECEPTACLES		
100		SPARE	201	1000		201-97	POOL EQUIP RECEPTACLES		
101		SPARE	201	1000		201-98	POOL EQUIP RECEPTACLES		
102		SPARE	201	1000		201-99	POOL EQUIP RECEPTACLES		
103		SPARE	201	1000		201-100	POOL EQUIP RECEPTACLES		
104		SPARE	201	1000		201-101	POOL EQUIP RECEPTACLES		
105		SPARE	201	1000		201-102	POOL EQUIP RECEPTACLES		
106		SPARE	201	1000		201-103	POOL EQUIP RECEPTACLES		
107		SPARE	201	1000		201-104	POOL EQUIP RECEPTACLES		
108		SPARE	201	1000		201-105	POOL EQUIP RECEPTACLES		
109		SPARE	201	1000		201-106	POOL EQUIP RECEPTACLES		
110		SPARE	201	1000		201-107	POOL EQUIP RECEPTACLES		
111		SPARE	201	1000		201-108	POOL EQUIP RECEPTACLES		
112		SPARE	201	1000		201-109	POOL EQUIP RECEPTACLES		
113		SPARE	201	1000		201-110	POOL EQUIP RECEPTACLES		
114		SPARE	201	1000		201-111	POOL EQUIP RECEPTACLES		
115		SPARE	201	1000		201-112	POOL EQUIP RECEPTACLES		
116		SPARE	201	1000		201-113	POOL EQUIP RECEPTACLES		
117		SPARE	201	1000		201-114	POOL EQUIP RECEPTACLES		
118		SPARE	201	1000		201-115	POOL EQUIP RECEPTACLES		
119		SPARE	201	1000		201-116	POOL EQUIP RECEPTACLES		
120		SPARE	201	1000		201-117	POOL EQUIP RECEPTACLES		
121		SPARE	201	1000		201-118	POOL EQUIP RECEPTACLES		
122		SPARE	201	1000		201-119	POOL EQUIP RECEPTACLES		
123		SPARE	201	1000		201-120	POOL EQUIP RECEPTACLES		
124		SPARE	201	1000		201-121	POOL EQUIP RECEPTACLES		
125		SPARE	201	1000		201-122	POOL EQUIP RECEPTACLES		
126		SPARE	201	1000		201-123	POOL EQUIP RECEPTACLES		
127		SPARE	201	1000		201-124	POOL EQUIP RECEPTACLES		
128		SPARE	201	1000		201-125	POOL EQUIP RECEPTACLES		
129		SPARE	201	1000		201-126	POOL EQUIP RECEPTACLES		
130		SPARE	201	1000		201-127	POOL EQUIP RECEPTACLES		
131		SPARE	201	1000		201-128	POOL EQUIP RECEPTACLES		
132		SPARE	201	1000		201-129	POOL EQUIP RECEPTACLES		
133		SPARE	201	1000		201-130	POOL EQUIP RECEPTACLES		
134		SPARE	201	1000		201-131	POOL EQUIP RECEPTACLES		
135		SPARE	201	1000		201-132	POOL EQUIP RECEPTACLES		
136		SPARE	201	1000		201-133	POOL EQUIP RECEPTACLES		
137		SPARE	201	1000		201-134	POOL EQUIP RECEPTACLES		
138		SPARE	201	1000		201-135	POOL EQUIP RECEPTACLES		
139		SPARE	201	1000		201-136	POOL EQUIP RECEPTACLES		
140		SPARE	201	1000		201-137	POOL EQUIP RECEPTACLES		
141		SPARE	201	1000		201-138	POOL EQUIP RECEPTACLES		
142		SPARE	201	1000		201-139	POOL EQUIP RECEPTACLES		
143		SPARE	201	1000		201-140	POOL EQUIP RECEPTACLES		
144		SPARE	201	1000		201-141	POOL EQUIP RECEPTACLES		
145		SPARE	201	1000		201-142	POOL EQUIP RECEPTACLES		
146		SPARE	201	1000		201-143	POOL EQUIP RECEPTACLES		
147		SPARE	201	1000		201-144	POOL EQUIP RECEPTACLES		
148		SPARE	201	1000		201-145	POOL EQUIP RECEPTACLES		
149		SPARE	201	1000		201-146	POOL EQUIP RECEPTACLES		
150		SPARE	201	1000		201-147	POOL EQUIP RECEPTACLES		
151		SPARE	201	1000		201-148	POOL EQUIP RECEPTACLES		
152		SPARE	201	1000		201-149	POOL EQUIP RECEPTACLES		
153		SPARE	201	1000		201-150	POOL EQUIP RECEPTACLES		
154		SPARE	201	1000		201-151	POOL EQUIP RECEPTACLES		
155		SPARE	201	1000		201-152	POOL EQUIP RECEPTACLES		
156		SPARE	201	1000		201-153	POOL EQUIP RECEPTACLES		
157		SPARE	201	1000		201-154	POOL EQUIP RECEPTACLES		
158		SPARE	201	1000		201-155	POOL EQUIP RECEPTACLES		
159		SPARE	201	1000		201-156	POOL EQUIP RECEPTACLES		
160		SPARE	201	1000		201-157	POOL EQUIP RECEPTACLES		
161		SPARE	201	1000		201-158	POOL EQUIP RECEPTACLES		
162		SPARE	201	1000		201-159	POOL		

PROJECT NAME: HOME 2 - FLOOWOOD, MI				AC RATING: 10.00			
PANEL NAME: "R1" NEMA-R		PANEL WAYS: N.E.O.	PANEL WAYS: SURFACE - NEMA-R				
PANEL VOLTAGE: 120/208V, 3PH, 4-W		PANEL BUS: 400A	LOCATION:				
OUT NO.	CIRCUIT DESCRIPTION	BKLT VLT	AMPAGE	LOAD PER PHASE	BKLT VLT	CIRCUIT DESCRIPTION	OUT NO.
			AMPAGE	PHASE	PHASE		
1		1000	120				
2		1000	120	1000	120		
3	100A	1100				200	20A
4		1000	120			200	
5		1000	120	1000	120	201	100A
6	100A	1100				201	
7		1000	120	1000	120	202	100
8		1000	120			202	
9	200	101	100	100	100	203	100
10	200	101	100	100	100	204	100
11	200	101	100	100	100	205	100
12	200	101	100	100	100	206	100
13	200	101	100	100	100	207	100
14	200	101	100	100	100	208	100
15	200	101	100	100	100	209	100
16	200	101	100	100	100	210	100
17	200	101	100	100	100	211	100
18	200	101	100	100	100	212	100
19	200	101	100	100	100	213	100
20	200	101	100	100	100	214	100
21	200	101	100	100	100	215	100
22	200	101	100	100	100	216	100
23	200	101	100	100	100	217	100
24	200	101	100	100	100	218	100
25	200	101	100	100	100	219	100
26	200	101	100	100	100	220	100
27	200	101	100	100	100	221	100
28	200	101	100	100	100	222	100
29	200	101	100	100	100	223	100
30	200	101	100	100	100	224	100
31	200	101	100	100	100	225	100
32	200	101	100	100	100	226	100
33	200	101	100	100	100	227	100
34	200	101	100	100	100	228	100
35	200	101	100	100	100	229	100
36	200	101	100	100	100	230	100
37	200	101	100	100	100	231	100
38	200	101	100	100	100	232	100
39	200	101	100	100	100	233	100
40	200	101	100	100	100	234	100
41	200	101	100	100	100	235	100
42	200	101	100	100	100	236	100
43	200	101	100	100	100	237	100
44	200	101	100	100	100	238	100
45	200	101	100	100	100	239	100
46	200	101	100	100	100	240	100
47	200	101	100	100	100	241	100
48	200	101	100	100	100	242	100
49	200	101	100	100	100	243	100
50	200	101	100	100	100	244	100
51	200	101	100	100	100	245	100
52	200	101	100	100	100	246	100
53	200	101	100	100	100	247	100
54	200	101	100	100	100	248	100
55	200	101	100	100	100	249	100
56	200	101	100	100	100	250	100
PHASE WATTS TOTAL			5470	16.30	5470	PHASE WATTS TOTALS	
TOTAL WATTS LOAD OF PANEL			5610	16.70	TOTAL WATTS LOAD OF PANEL		
TOTAL AMP LOAD @ 120/208V, 3PH			26.00	TOTAL AMP LOAD @ 120/208V, 3PH			

PROJECT NAME: HOME 2 - FLOOWOOD, MI				AC/FATHOR: 100/500	
PANEL NAME: "W00"		PANEL YEAR: 2000		SURFACE	
PANEL VOLTAGE: 120/208V, 3PH, 4W.		PANEL BUILD: 0000A		LOCATION: ELECTRICAL EQUIPMENT ROOM	
QTY NO.	CIRCUIT DESCRIPTION	BKLT NO.	LOAD PER PHASE		
			PHASE	PHASE	PHASE
1	PANEL 1A	2000	17,802	17,802	
2				18,317	18,317
3				93,000	93,000
4				17,802	17,802
5	PANEL 1A	2000	17,802	17,802	
6				18,317	18,317
7				93,000	93,000
8				17,802	17,802
9	PANEL 1B	2000	17,802	17,802	
10				18,317	18,317
11				93,000	93,000
12				17,802	17,802
13	PANEL 1B	2000	17,802	17,802	
14				18,317	18,317
15				93,000	93,000
16				17,802	17,802
17	PANEL 1A	2000	17,802	17,802	
18				18,317	18,317
19				93,000	93,000
20				17,802	17,802
21	PANEL 1B	2000	17,802	17,802	
22				18,317	18,317
23				93,000	93,000
24				17,802	17,802
25	PANEL 1B	2000	17,802	17,802	
26				18,317	18,317
27				93,000	93,000
28				17,802	17,802
29	PANEL 1A	2000	17,802	17,802	
30				18,317	18,317
31				93,000	93,000
32				17,802	17,802
33	PANEL 1A	2000	17,802	17,802	
34				18,317	18,317
35				93,000	93,000

[illegible]

NOTES:

- 1.) VERIFY THE SIZE OF ELEVATOR PURCHASED. IF THERE IS ANY SIGNIFICANT DIFFERENCE, INFORM THE ARCHITECT.
- 2.) CIRCUIT BREAKERS FEEDING ELEVATOR MOTORS SHALL BE SHUNT-TRIP BREAKERS.
- 3.) MAIN DISTRIBUTION PANEL "MDP" AND ALL BREAKERS SHALL BE BRACED AND RATED FOR 100,000 KNC.
- 4.) SEE ELECTRICAL SCHEDULES FOR MORE.

[illegible]

PROJECT NAME: HONE 2 - FLOODWOOD WI											
PANEL NAME: "A"			PANEL NAME: 0602				PANEL NAME: 0602				
PANEL VOLT: 208V, 1PH, 1W			PANEL VOLT: 208V, 1PH, 1W				PANEL VOLT: 208V, 1PH, 1W				
NO.	CRCT	DESCRIPTION	WIRING	LOAD PER	PHASE	WIRING	LOAD PER	PHASE	WIRING	LOAD PER	PHASE
NO.	CRCT	DESCRIPTION	WIRING	LOAD PER	PHASE	WIRING	LOAD PER	PHASE	WIRING	LOAD PER	PHASE
1		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
2		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
3		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
4		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
5		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
6		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
7		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
8		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
9		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
10		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
11		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
12		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
13		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
14		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
15		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
16		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
17		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
18		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
19		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
20		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
21		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
22		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
23		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
24		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
25		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
26		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
27		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
28		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
29		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
30		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
31		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
32		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
33		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
34		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
35		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
36		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
37		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
38		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
39		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
40		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
41		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
42		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
43		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
44		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
45		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
46		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
47		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
48		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
49		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
50		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
51		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
52		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
53		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
54		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
55		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
56		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
57		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
58		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
59		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
60		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
61		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
62		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
63		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
64		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
65		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
66		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
67		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
68		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
69		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
70		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
71		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
72		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
73		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
74		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
75		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
76		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
77		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
78		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
79		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
80		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
81		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
82		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
83		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
84		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
85		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
86		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
87		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
88		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
89		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
90		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
91		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
92		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
93		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
94		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
95		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
96		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
97		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
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99		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
100		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
101		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
102		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
103		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
104		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
105		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
106		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
107		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
108		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
109		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
110		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
111		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
112		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
113		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
114		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
115		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
116		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
117		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%	20A/1	100	100%
118		BATH RECEPTACLE	20A/1	100	100%	20A/1	100	100%			

PROJECT NAME: HOME 2 - FLOWING W.				AC/ACTING: 18.000		
PANEL VOLTAGE: "120"		PANEL WIRE: W.L.D.		SURFACE		
PANEL VOLTAGE: 200V, 3PH, 4W.		PANEL BUS: 250A		LOCATION: HOUSEKEEPER (EACH FLOOR)		
QTY NO.	CIRCUIT DESCRIPTION	BUS BREAK	LOAD PER PHASE	PHASE	QTY NO.	CIRCUIT DESCRIPTION
1	PANEL A	1000	7.470 7.470	0.670 0.670	1002	PANEL A
2					2	
3	PANEL A	1002	0.470 0.470	7.400 7.410	1002	PANEL A
4					4	
5	PANEL A	1000	7.470 7.470	0.670 0.670	1002	PANEL A
6					6	
7	PANEL B	1002	0.800 1.000	0.620 1.000	1002	SPARE
8					8	
9	SPARE	231		1000 1000	231	SPARE
10	SPARE	231	1000 1000	11.00 11.00	231	SPARE
11	SPARE	231		1000 1000	231	SPARE
12	SPACE	-	-- --	-- --	-	SPACE
13	SPACE	-	-- --	-- --	-	SPACE
14	SPACE	-	-- --	-- --	-	SPACE
15	SPACE	-	-- --	-- --	-	SPACE
PHASE MATTERS TOTALS		41.140	50.880	31.760	PHASE MATTERS TOTALS	
TOTAL WATT LOAD ON SYSTEM		117.760		TOTAL WATT LOAD ON SYSTEM		
TOTAL CONDUCTOR AMP LOAD ON SYSTEM: 230A		121.7		TOTAL CONDUCTOR AMP LOAD ON SYSTEM: 230A		
TOTAL AMP LOAD & 84% DEMAND FACTOR PER NEC TABLE 220.4		121.7		TOTAL AMP LOAD & 84% DEMAND FACTOR PER NEC TABLE 220.4		

NOTES:

1.) PANEL IS TYPICAL OF ALL FOUR FLOORS; A, B, & C PANELS

[illegible]

1.) PANEL IS TYPICAL OF ALL FOUR FLOORS; D PANELS

HOME2 NOKOMIS, FLORIDA -- ELECTRICAL LOAD ANALYSIS	
GUEST ROOMS:	
LIGHTS AND RECEPTACLES	193,660 WATTS
KITCHEN CIRCUITS	318,000 WATTS
DISPOSAL CIRCUITS	84,800 WATTS
MICROWAVE CIRCUITS	159,000 WATTS
PTAC UNITS	420,000 WATTS
TOTAL LOAD =	1,175,460 WATTS
TOTAL DEMAND LOAD (23%) NEC 220-84 =	270,356 WATTS
COMMERCIAL ROOMS:	
EXTERIOR LIGHTING	49,700 WATTS
COMMERCIAL AREA LIGHTING	50,400 WATTS
COMMERCIAL AREA RECEPTACLES	65,650 WATTS
KITCHEN EQUIPMENT (65%)	34,380 WATTS
VENDING MACHINES	9,600 WATTS
HOUSE PUMPS	17,400 WATTS
JOCKEY PUMP	6,000 WATTS
ELEVATORS	141,120 WATTS
MAKE-UP AIR UNIT	64,080 WATTS
CONDENSING UNITS	28,420 WATTS
A/C UNITS	52,900 WATTS
CIRC. PUMPS AND CONTROLS	2,500 WATTS
COMMERCIAL WASHERS	13,500 WATTS
COMMERCIAL DRYERS	13,500 WATTS
COIN-OP WASHERS	3,000 WATTS
COIN-OP DRYERS	10,000 WATTS
POOL PUMP	6,000 WATTS
EXHAUST FANS	5,600 WATTS
TOTAL LOAD =	844,106 WATTS
TOTAL LOAD =	2,343 A. @ 208/3



Richard Molenaar
ARCHITECT



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INNOVATIVE • ENGINEERING
SERVICES, LLC

2787 Stage Center Dr.
Suite 101
Bartlett, Tennessee 38134
901-379-0500
www.innovativees-llc.com



PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
PANELBOARD SCHEDULES

PROJECT NO.	LATEST REVISION:
13010	09/14/16

DRAWN BY: CHECKED BY: SHEET NUMBER:

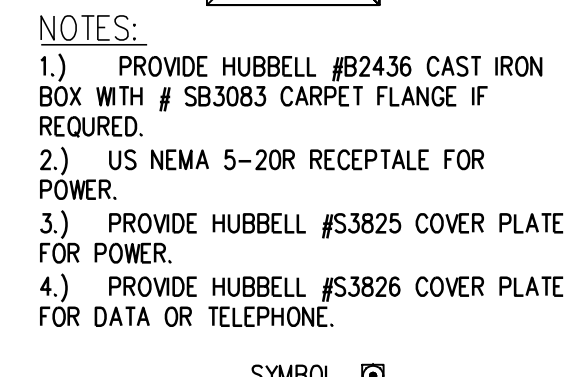
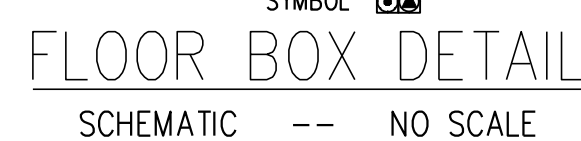
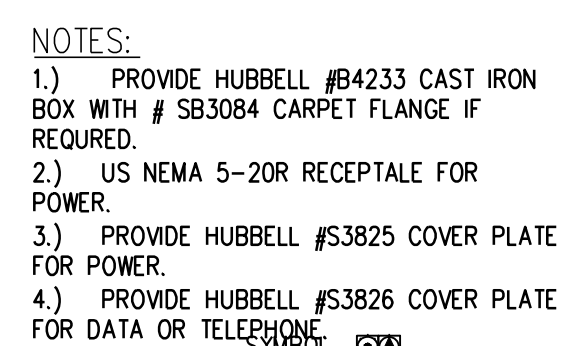
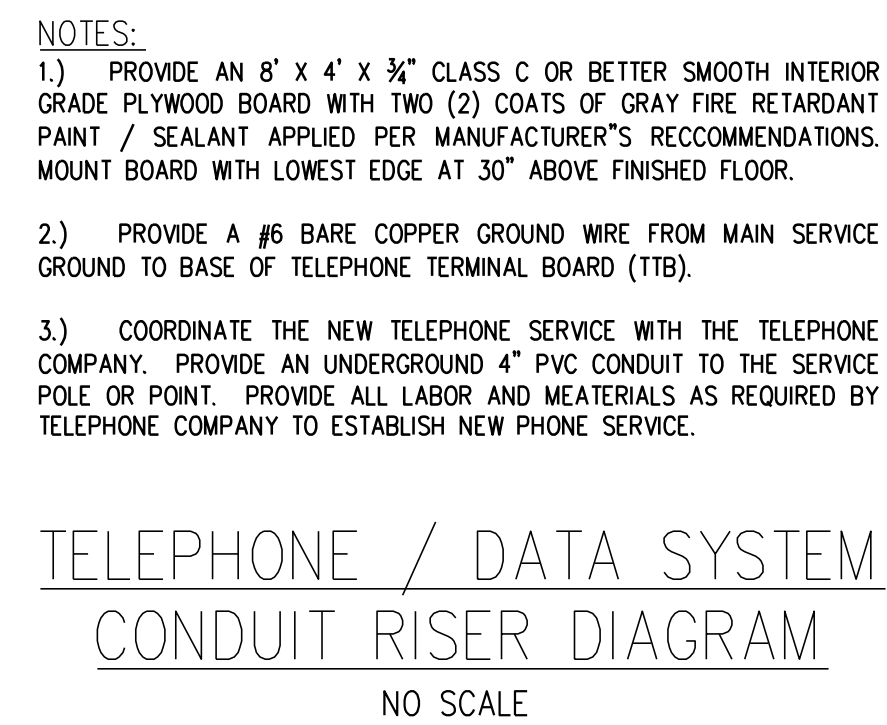
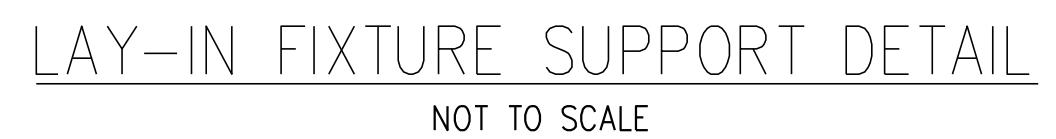
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SYMBOL	D E S C R I P T I O N
	FIRE ALARM SYSTEM BREAKGLASS STATION -- MTD UP 48" A.F.F
	FIRE ALARM SYSTEM AUDIO / VISUAL DEVICE -- MTD UP 84" A.F.F.
	FIRE ALARM SYSTEM CONTROL PANEL
	FIRE ALARM SYSTEM HEAT DETECTOR
	FIRE ALARM SYSTEM SMOKE DETECTOR
	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR
	FIRE ALARM SYSTEM STROBE LIGHT -- MTD UP 84" A.F.F
	FIRE ALARM SYSTEM SYSTEM MINI-HORN -- MTD. UP 84"
	FIRE ALARM SYSTEM MINI-STROB IN GUESTROOM BATH- MTD UP 84"
	FIRE ALARM SYSTEM CARBON MONOXIDE DETECTOR
	FIRE ALARM SYSTEM REMOTE ANNUNCIATOR
	FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER
	FIRE ALARM SYSTEM FLOW SWITCH
	FIRE ALARM SYSTEM TAMPER SWITCH
	FIRE ALARM SYSTEM SMOKE DETECTOR W / AUXILIARY CONTACTS FOR ELEVATOR RECALL

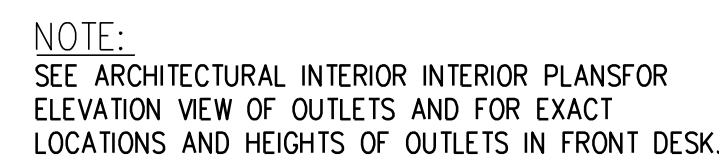
1. PROVIDE HUBBELL BUILDING AUTOMATION OR EQUAL OCCUPANCY SENSORS AND COMPONENTS. PROVIDE ALL WIRING, ACCESSORIES, POWER PAKS, SWITCHES, RELAYS AND ADAPTORS AS REQUIRED FOR PROPER OPERATION OF EQUIPMENT. INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND WIRING DIAGRAMS.
2. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS PRIOR TO INSTALLATION.
3. ULTRASONIC CEILING MOUNT SENSORS SHOULD BE LOCATED A MINIMUM OF SIX FEET FROM HVAC SUPPLY/RETURN VENTS.
4. CONTRACTOR IS RESPONSIBLE FOR: PROPER SENSITIVITY & TIME DELAY SETTING (FOR NON-ADAPTIVE PRODUCTS) RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH IN RESPECT TO POWER PLACEMENT.
5. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PAKS:
 - A.) ONE POWER PAK IS REQUIRED FOR EACH CIRCUIT TO BE CONTROLLED.
 - B.) ONE POWER PAK IS REQUIRED FOR EVERY THREE SENSORS IN THE ZONE.
6. IF MULTIPLE CIRCUITS ARE TO BE CONTROLLED BY A SENSOR, AN AUXILIARY RELAY CAN BE USED IN CONJUNCTION WITH THE POWER PAK.
7. THE MAXIMUM NUMBER OF SENSORS THAT CAN BE PUT ON A POWER PAK IS TO BE REDUCED BY ONE FOR EACH SLAVE PAK USED.
8. SENSORS MOUNTED OVER THE DOOR MUST BE PLACED ONE FOOT INSIDE THE THRESHOLD.
9. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SENSOR BILL OF MATERIALS COMPLIES WITH THE SENSOR DESIGN AND LAYOUT SPECIFICATIONS.
10. CONTRACTOR IS RESPONSIBLE FOR INSTALLING FOR INSTALLING EQUIPMENT IN COMPLIANCE WITH STATE AND LOCAL CODES.



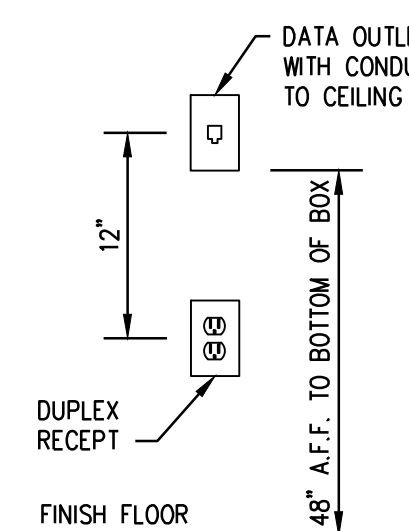
The diagram illustrates the electrical wiring for a fire alarm system in an elevator shaft and equipment room. The components and their connections are as follows:

- Smoke and Heat Detectors:** Located at the top and bottom of the shaft and in the elevator equipment room. They are connected to the CPU via three separate lines, each labeled with a voltage symbol (V).
- Elevator Controls:** A separate unit connected to the system.
- Recall Signal:** A signal input to the CPU.
- Fire Alarm Control Panel:** The central control unit, containing a CPU and a relay (R) with a normally closed (NC) contact and a normally open (NO) contact.
- Shunt Trip:** Connected to the CPU and the Solenoid Valve.
- Solenoid Valve:** Connected to the CPU, the Shunt Trip, and the Solenoid Valves on Sprinkler Lines.
- Solenoid Valves on Sprinkler Lines:** Located in the elevator shaft and equipment room, these valves are connected to the Solenoid Valve.

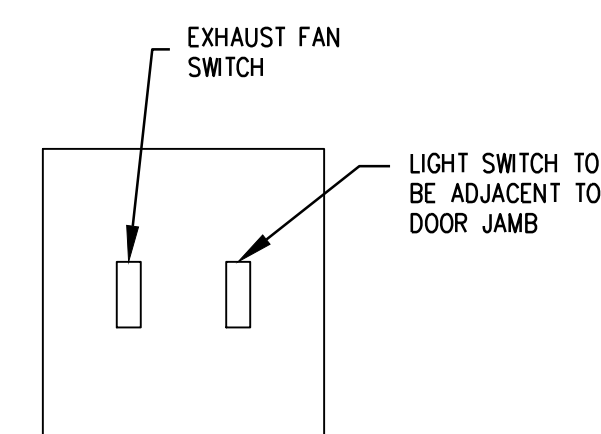
SCHEMATIC -- NO SCALE



SCALE: 1/4" = 1' - 0"



NOT TO SCALE



NO SCALE

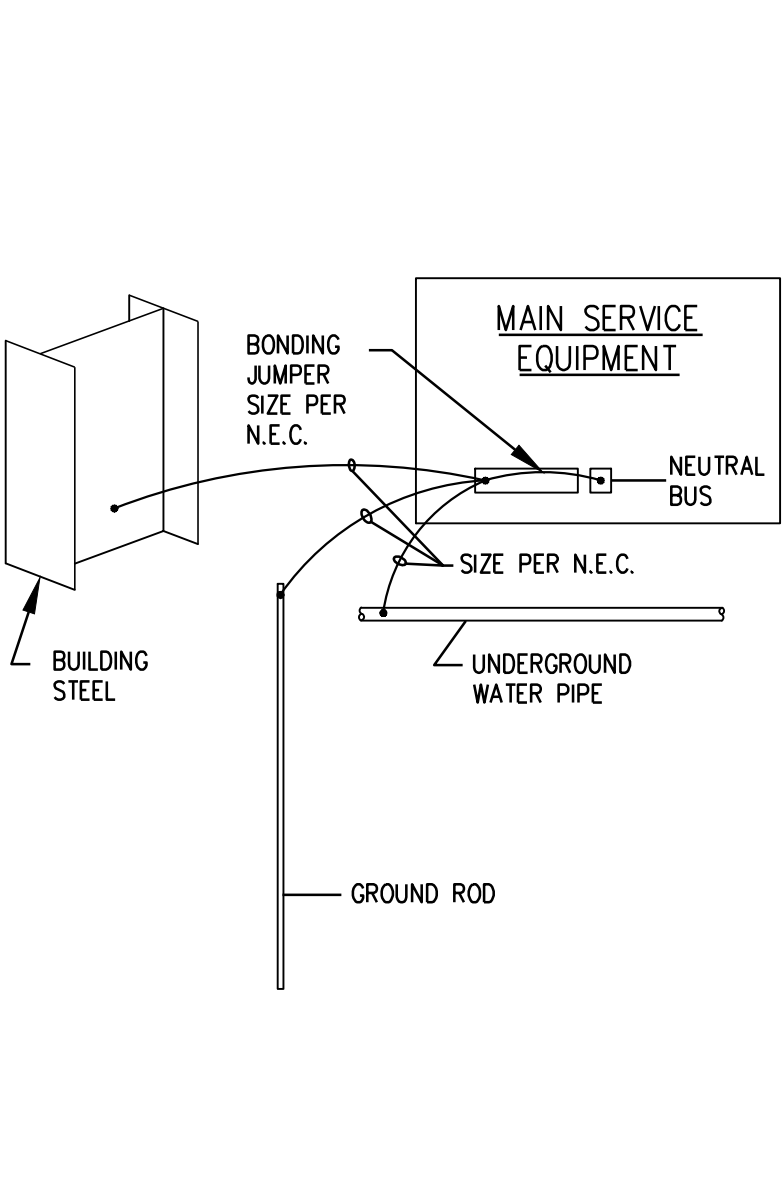


SPECIFICATIONS & NOTES

1. **GENERAL:** FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY FOR A COMPLETE INSTALLATION OF ELECTRICAL WIRING. THE DRAWINGS INDICATE DIAGRAMMATICALLY THE EXTENT, GENERAL CHARACTER, AND THE APPROXIMATE LOCATION OF THE WORK TO BE PERFORMED. OMISSIONS OF THE DETAILS OF WORK, MOUNTING HARDWARE, FITTING, J-BOXES, OUTLET BOXES, PULL BOXES, SUPPORTS, CONNECTORS, ACCESSORIES, AND/OR ADAPTORS WHICH ARE EVENTUALLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, SHALL BE PROVIDED. CONNECT ALL ELECTRICAL EQUIPMENT WHETHER FURNISHED BY ELECTRICAL CONTRACTOR OR BY OTHERS AND WHETHER SHOWN ON PLANS OR NOT. INSTALL AND CONNECT ALL STARTERS FURNISHED BY THIS CONTRACTOR OR OTHERS. FURNISH, INSTALL, AND CONNECT DISCONNECTS AND SAFETY SWITCHES FOR ALL ELECTRICAL EQUIPMENT WHETHER FURNISHED BY THIS CONTRACTOR OR OTHERS AND WHERE REQUIRED BY NEC. BEFORE INSTALLING RACEWAYS FOR MOTORS, APPLIANCES, HVAC EQUIPMENT AND/OR OTHER EQUIPMENT PROVIDED BY OTHERS VERIFY LOCATIONS AND ARRANGE RACEWAYS ACCORDINGLY. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL PLANS BEFORE ROUGHING IN LIGHT SWITCHES. WHERE NO RACEWAY SIZES OR WIRE SIZES ARE SHOWN INSTALL AS REQUIRED BY NEC. VERIFY POWER AND CONNECTION REQUIREMENTS FOR ALL EQUIPMENT BEFORE INSTALLATION. WIRE AS REQUIRED BY EQUIPMENT MANUFACTURER AND IN COMPLIANCE WITH NEC. OBTAIN MOCIP AND MCA INFORMATION FROM ACTUAL EQUIPMENT BEING INSTALLED AND CIRCUIT ACCORDINGLY. ALL CIRCUIT BREAKERS SUPPLYING HVAC EQUIPMENT SHALL BE HACR TYPE. ALL WORK SHALL COMPLY WITH APPLICABLE LAWS OF THE COMMUNITY AND WITH THE NEC. OBTAIN AND PAY FOR ALL PERMITS REQUIRED. OBTAIN APPROVAL FOR ALL WORK INDICATED ON PLANS AND IN SPECIFICATIONS FROM ALL AGENCIES AND AUTHORITIES HAVING JURISDICTION. AFTER COMPLETION OF THE WORK, SUBMIT CERTIFICATE OF FINAL INSPECTION AND APPROVAL FROM THE LOCAL ELECTRICAL INSPECTOR AND LOCAL FIRE DEPARTMENT AUTHORITIES, CERTIFYING THAT THE INSTALLATION COMPLIES WITH ALL REGULATIONS CONCERNING THE SAME. ALL MATERIALS SHALL BE NEW AND UL LISTED. EXECUTE ALL WORK IN A WORKMANLIKE MANNER SO AS TO PRESENT A NEAT AND MECHANICAL APPEARANCE WHEN COMPLETED.
2. **COORDINATION:** COORDINATE WORK SO AS TO CONFORM TO THE PROGRESS OF THE WORK OF THE OTHER TRADES, AND COMPLETE THE ENTIRE INSTALLATION AS SOON AS THE CONDITION OF THE BUILDING PERMITS. SOME SAFETY DISCONNECT SWITCHES MAY BE PROVIDED BY THE MECHANICAL CONTRACTOR BUT INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR. THE WORK SHALL BE COORDINATED BY THE ELECTRICAL CONTRACTOR.
3. **INTERFERENCE:** IN THE EVENT THAT INTERFERENCES OR CONFLICTS DEVELOP, THE ARCHITECT SHALL DECIDE WHICH EQUIPMENT SHALL BE RELOCATED AT NO COST TO OWNER REGARDLESS OF WHICH WAS FIRST INSTALLED.
4. **CUTTING AND PATCHING:** PROVIDE CUTTING AND PATCHING, UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR, AS REQUIRED FOR ELECTRICAL WORK. COORDINATE WITH OTHER TRADES AS WORK PROGRESSES SO CUTTING AND PATCHING WILL NOT BE REQUIRED OR BE MINIMAL.
5. **SUBMITTALS:** WITHIN TWENTY (20) DAYS AFTER AWARD OF CONTRACT, SUBMIT SIX (6) COPIES OF MANUFACTURER'S DRAWINGS TO THE ARCHITECT FOR REVIEW OF THE FOLLOWING ITEMS: PANELBOARDS, LIGHT FIXTURES, DISCONNECT SWITCHES, FIRE ALARM SYSTEM (COMPLETE WITH PLAN SHOWING WIRING/CONDUIT).
6. **TESTING:** UPON COMPLETION OF THE WORK, CONDUCT A THOROUGH TEST IN THE ARCHITECT'S PRESENCE, AND SHOW THE ENTIRE SYSTEM TO BE IN PERFECT WORKING CONDITION.
7. **GUARANTEE:** GUARANTEE THAT ALL WORK EXECUTED UNDER THESE SPECIFICATIONS AND PLANS WILL BE FREE FROM DEFECTS OF WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THIS WORK. PROMPTLY REPAIR, REPLACE, OR OTHERWISE MAKE GOOD, UPON NOTIFICATION, ANY DEFECT BECOMING APPARENT DURING THIS PERIOD, AT NO COST TO THE OWNER.
8. **TEMPORARY SYSTEMS:** THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING EQUIPMENT AND MATERIALS NECESSARY FOR PROVIDING ELECTRICAL POWER WHERE NEEDED FOR THE CONSTRUCTION OF THE PROJECT IN ACCORDANCE WITH ALL OSHA REGULATIONS.
9. **SITE VISIT:** BEFORE SUBMITTING A BID, VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS. MAKE SUCH ADJUSTMENTS TO WORK AS REQUIRED BY THE ACTUAL CONDITIONS ENCOUNTERED.
10. **SERVICE ENTRANCE:** IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO VERIFY THAT THE LOCATION, ARRANGEMENT, VOLTAGE, PHASE AND CONNECTIONS TO UTILITY SERVICE, AS WELL AS THE REQUIRED METERING EQUIPMENT, ARE COORDINATED WITH AND IN ACCORDANCE WITH REQUIREMENTS OF THE LOCAL POWER COMPANY. THE REQUIREMENTS ARE AT VARIANCE WITH THESE DRAWINGS OR SPECIFICATIONS. THE CONTRACT PRICE SHALL INCLUDE ANY ADDITIONAL COST NECESSARY TO MEET THOSE REQUIREMENTS WITHOUT EXTRA COST TO THE OWNER AFTER THE CONTRACT IS ENTERED INTO. NOTIFY ARCHITECT OF ANY CHANGES REQUIRED BEFORE PROCEEDING WITH WORK. ANY CHARGES BY THE UTILITY COMPANY FOR THE ELECTRICAL SERVICE TO THE FACILITY SHALL BE INCLUDED IN THE BID PRICE.
11. **CONDUIT PENETRATIONS:** WHERE CONDUITS AND OTHER ELECTRICAL EQUIPMENT RACEWAYS PASS THROUGH FIRE PARTITIONS, FIRE WALLS, OR FLOORS, INSTALL A FIRE STOP. THE PROVIDES AN EFFECTIVE BARRIER AGAINST THE SPREAD OF FIRE, SMOKE, AND GASES AND WHICH MAINTAINS THE FIRE RATING OF THE WALL WHICH HAS BEEN PENETRATED. WHERE EXTERIOR WALLS OR FLOORS ARE PENETRATED PROVIDE COMPLETE WEATHERPROOFING OF PENETRATION. FURNISH ROOF FLASHING FOR ALL CONDUIT OR EQUIPMENT WHICH PENETRATES ROOF.
12. **LIGHT FIXTURES:** IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT TYPE CEILING, TYPE FIXTURE MOUNTING AND TRIM, AND RECESSING DEPTH OF ALL RECESSED FIXTURES PRIOR TO PURCHASING ANY FIXTURES. REGARDLESS OF PART NUMBERS IDENTIFIED ON THE LIGHT FIXTURE SCHEDULE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE PROPER OPERATING VOLTAGE OF LIGHT FIXTURES. ACCORDING TO THE PLANS PRIOR TO PURCHASING ANY FIXTURES. EQUIVALENT FIXTURES SUBSTITUTES BY LITHONIA, COOPER LIGHTING, AND HUBBELL WILL BE ACCEPTED. PROVIDE LAMPS FOR ALL FIXTURES. LAMPS SHALL BE MANUFACTURED BY GE, OSRAM-SYLVANIA, OR PHILIPS. FLUORESCENT BALLASTS SHALL BE HIGH FREQUENCY ELECTRONIC TYPE BY MAGNETIC TRIAD, LUTRON, OSRAM-SYLVANIA OR MOTOROLA AND SHALL HAVE A 5 YEAR WARRANTY. BF SHALL BE GREATER THAN .9, THD SHALL BE LESS THAN 20%, CF GREATER THAN 1.7 AND PF GREATER THAN .93. HID LAMP BALLASTS SHALL BE HIGH POWER FACTOR (.90 OR GREATER) TYPE. HID LAMPS SHALL BE CERAMIC TYPE. PROVIDE ALL MOUNTING HARDWARE, ADAPTORS AND ACCESSORIES AS REQUIRED. UON, CENTER ALL DOWNLIGHTS AND WALLWASHERS ON CEILING TILE.
13. **BUILDING WIRE & CABLE:** INTERIOR WIRE SHALL BE COPPER THHN, #12 AWG MINIMUM. TYPE "XHHW" COPPER SHALL BE USED EXTERIOR OR UNDERGROUND. CONDUCTORS #10 AND #12 SHALL BE SOLID. LARGER SIZES SHALL BE STRANDED. CONTROL AND SIGNAL WIRE SHALL BE TYPE "TFF" COPPER, MINIMUM SIZE #16. JOINTS AND SPLICES IN WIRE SHALL BE MADE WITH SOLDERLESS CONNECTORS, AND COVERED SO THAT INSULATION IS EQUAL TO CONDUCTOR INSULATION. WIRE NUTS SHALL NOT BE USED FOR CONDUCTOR #8 AND LARGER. NO SPLICES SHALL BE PULLED INTO CONDUIT. BOTH CONNECTORS AND CONDUIT SHALL BE CONTINUOUS FROM OUTLET TO OUTLET. ALL CONDUITS SHALL HAVE FINISHING WITH SMOOTH BEVELED THROATS INSTALLED AT BOTH ENDS PRIOR TO INSTALLING CONDUCTORS. CIRCUITS MAY BE COMBINED IF CONDUIT SIZES ARE ADJUSTED WHERE NECESSARY AND NEC DERATING FACTORS ARE OBSERVED. BRANCH CIRCUIT WIRE GAUGES SHALL BE INCREASED AS REQUIRED FOR A MAXIMUM OF 3% VOLTAGE DROP. TYPE MC CABLE MAY BE USED AS PERMITTED BY ARTICLE 330 OF NEC.
14. **CONDUIT:** ALL WIRING SHALL BE IN RACEWAYS, MINIMUM 1/2" DIAMETER. USE EMT FOR GENERAL INTERIOR WORK. RIGID GALVANIZED STEEL OR INTERMEDIATE METAL CONDUIT SHALL BE USED IN FLOOR SLABS, WHERE EMBEDDED IN CONCRETE. AREAS EXPOSED TO MOISTURE, AREAS IN DANGER OF MECHANICAL INJURY AND HAZARDOUS AREAS. PVC SCHEDULE 40 (3/4" MINIMUM DIAMETER) SHALL BE USED BELOW GRADE WITH STEEL TRANSITIONS THRU SLABS. USE FLEXIBLE METAL CONDUIT CONNECTIONS TO MOTORS, TRANSFORMERS AND OTHER VIBRATING EQUIPMENT. EXTERIOR FLEW SHALL BE LIQUIDTIGHT. EMT CONDUIT FITTINGS SHALL BE SET-SCREW TYPE. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH SURFACE UPON WHICH IT IS INSTALLED. INTERIOR WIRING AS SHOWN ON PLANS WILL TYPICALLY BE CONCEALED IN CEILINGS WALLS OR FLOORS EXCEPT IN MECHANICAL / ELECTRICAL ROOMS, JANITOR CLOSETS, UNFINISHED ROOMS AND OTHER SUCH ROOM WHERE CONDUITS ARE TYPICALLY EXPOSED. WHERE NO RACEWAY SIZES OR WIRE SIZES ARE SHOWN ON PLAN PROVIDE AND INSTALL AS REQUIRED BY NEC.
15. **DEVICES PLATES:** COVER PLATES SHALL BE SMOOTH NYLON W/ COLOR MATCHING DEVICES. VERIFY COLOR W/ FF&E FINISH SCHEDULE. FOR UNFINISHED AREAS EXPOSED CONDUIT, COVER PLATES SHALL BE GALVANIZED STEEL WITH BEVELED EDGES.

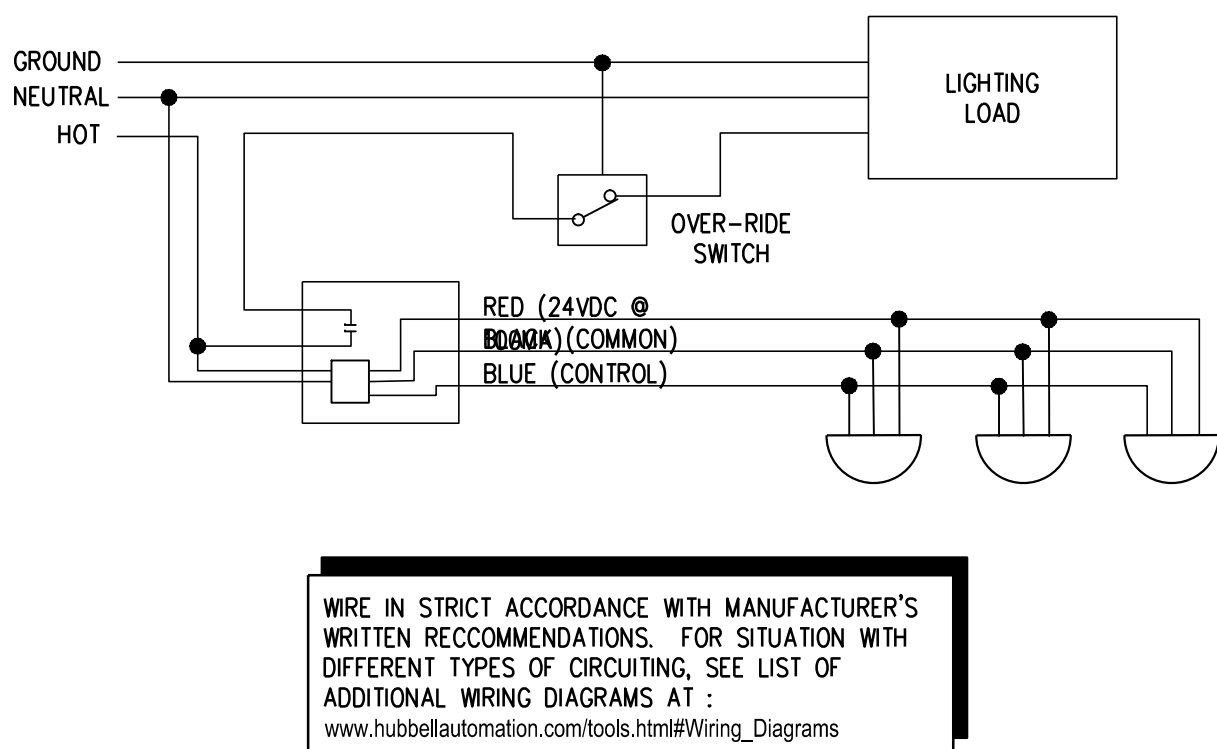
SPECIFICATIONS & NOTES

16. **FUSES:** CLASS RK-1 TIME DELAY FUSE FOR PROTECTING CIRCUIT BREAKERS. BUSSMAN LIMTRON OR EQUAL. CLASS RK-5 TIME DELAY FUSE FOR PROTECTION OF MOTORS AND TRANSFORMERS. BUSSMAN FUSEIRON OR EQUAL. 200K AIC AT RATED VOLTAGE.
17. **OUTLET BOXES:** EXCEPT AS NOTED, BOXES SHALL BE STANDARD GALVANIZED OR SHEARIZED AT LEAST 1 1/2 INCHES DEEP OR AS NOTED IN PLANS. OF METAL AT LEAST 1 1/16 INCH THICK; SIZED TO ACCOMMODATE DEVICES AND CONDUCTORS AS PER NEC ARTICLE 370. COORDINATE DEPTH WITH WALL CONSTRUCTION. BOXES USED WITH EXPOSED CONDUIT SHALL BE 4-INCH SQUARE UTILITY BOXES. EXTERIOR BOXES SHALL BE GALVANIZED CAST-IRON WITH GASKETS AND APPROPRIATE FITTINGS. BOXES SHALL BE PROVIDED WITH APPROVED 3/8" FIXTURE STUDS WHERE REQUIRED. EXCEPT WHERE LOCATED IN CONCRETE BLOCK, SWITCH AND RECEPTACLE BOXES SHALL BE 4" SQUARE FOR SINGLE GANG INSTALLATION. APPROPRIATE GANG BOXES SHALL BE USED FOR MOUNTING GANGED SWITCHES.
18. **WIRING DEVICES:** SWITCHES SHALL BE A.C. TYPE AS MADE BY HUBBELL, P & S, G.E. OR LEVITON. RECEPTACLES SHALL BE HUBBELL, BRYANT, P & S, G.E. OR LEVITON. COLOR SHALL BE SELECTED BY FF&E FINISH SCHEDULE. PROVIDE MATCHING PLUGS FOR SPECIAL PURPOSE RECEPTACLES WHEN REQUIRED FOR CONNECTING EQUIPMENT. ALL RECEPTACLES IN TOILETS, WITHIN 6 FT. OF SINKS. IN COMMERCIAL KITCHENS AND IN EXTERIORS LOCATIONS SHALL BE GFI TYPE. EXTERIOR RECEPTACLES SHALL HAVE WEATHERPROOF AND GASKETED COVERS. ALL RECEPTACLES IN GUEST ROOMS SHALL BE TAMPERPROOF.
19. **PANELBOARDS:** PANELBOARDS SHALL BE OF A DEAD-FRONT SAFETY TYPE EQUIPPED WITH THERMAL MAGNETIC CASE CIRCUIT BREAKERS WITH FRAME AND TRIP RATINGS AS SHOWN ON THE SCHEDULE. CIRCUIT BREAKERS SHALL BE QUICK-MAKE, QUICK-BREAK, THERMAL MAGNETIC TRIPS INDICATING AND SHALL HAVE COMMON TRIP ON ALL MULTIPOLAR BREAKERS. CONNECTION TO THE BUSS SHALL BE BOLT ON. TERMINALS FOR FEEDER CONDUCTORS TO THE PANELBOARD MAINS AND NEUTRAL SHALL BE UL LISTED AS SUITABLE FOR THE TYPE OF CONDUCTOR SPECIFIED. TERMINALS FOR BRANCH CIRCUIT WIRING, BOTH BREAKER AND NEUTRAL, SHALL BE UL LISTED AS SUITABLE FOR THE CONDUCTOR SPECIFIED. PANELBOARDS NOT SHOWN TO BE RATED FOR SERVICE ENTRANCE SHALL BE EQUIPPED WITH AN ISOLATED NEUTRAL AND A GROUNDING BUSS. THE PANELBOARD FRONT SHALL BE OF HINGED FRONT TYPE WITH DOORS EQUIPPED WITH FLUSH BRUSHED STEEL, CYLINDER TUMBLER-TYPE LOCKS WITH CATCHES AND SPRING-LOADED DOOR PULLS. THE FLUSH LOCK SHALL NOT PROTRUDE BEYOND THE FRONT OF THE DOOR. ALL PANELBOARD LOCKS SHALL BE KEYS ALIKE. A CIRCUIT DIRECTORY FRAME AND CARD WITH CLEAR PLASTIC COVERING SHALL BE PROVIDED ON THE INSIDE OF THE DOOR. PANELBOARDS SHALL BE RATED FOR USE AS SERVICE ENTRANCE EQUIPMENT WHERE REQUIRED BY NEC. FOR ALL FLUSH INSTALLED PANELBOARDS INSTALLS FIVE SPARE EMPTY 3/4" CONDUITS STUBBED TO THE ABOVE CEILING SPACE. PANELBOARDS SHALL BE BY GENERAL ELECTRIC, SQUARE D, OR CUTLER-HAMMER. LOAD CENTERS SHALL NOT BE USED UNLESS INDICATED ON PLANS.
20. **SAFETY SWITCHES/DISCONNECTS:** SAFETY SWITCHES AND DISCONNECT SWITCHES SHALL BE TYPE HD BY CUTLER HAMMER, SQUARE "D" OR GENERAL ELECTRIC. LOCATE DISCONNECTS ADJACENT TO EQUIPMENT ON SUITABLE STRUCTURE. A DISCONNECT SHALL NOT BE REQUIRED OTHER THAN THE CB WHICH PROVIDES POWER TO EQUIPMENT WHEN THE EQUIPMENT IS WITHIN SIGHT AND NOT GREATER THAN 50 FEET FROM CB. VERIFY DISCONNECT SIZE FROM EQUIPMENT NAMEPLATE DATA. MOUNT DISCONNECTS FOR OUTSIDE HVAC UNITS NO HIGHER THAN HEIGHT OF UNIT. PROVIDE CLEARANCES AS REQUIRED BY NEC 110.26.
21. **GROUNDING:** ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH LOCAL REGULATIONS AND NATIONAL ELECTRICAL CODE. INSTALL A GREEN EQUIPMENT GROUNDING CONDUCTOR IN ALL RACEWAYS.
22. **COLOR CODING OF CONDUCTORS:** COLOR CODE CONDUCTORS IN ACCORDANCE WITH THE NEC AND WITH STANDARD AND ACCEPTED TRADE PRACTICES.
23. **OUTLET BOX MOUNTING HEIGHTS:** UNLESS OTHERWISE NOTES, WALL SWITCHES (GENERAL): 48" AFF. RECEPTACLES: 18" AFF. TELEPHONE WALL OUTLETS: 48" AFF. THERMOSTATS: 48" AFF.
24. **OUTLETS AND CONDUIT FOR OTHER TRADES:** PROVIDE CONCEALED 4" SQUARE (OR SMALLER WHEN REQUIRED) OUTLET BOXES WITH EMPTY PLUMBING CONTRACTORS. COORDINATE REQUIREMENTS WITH EACH CONTRACTOR. WHETHER SHOWN ON PLANS OR NOT, PROVIDE A WP, GFI RECEPTACLE LOCATED WITHIN 25' OF ALL EXTERIOR HVAC EQUIPMENT.
25. **VERIFY:** THE WORD "VERIFY" WHEN USED IN PLANS SHALL MEAN TO VERIFY LOCATION AND WIRING REQUIREMENTS BEFORE CIRCUITING AND CIRCUIT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND IN COMPLIANCE WITH NEC.
26. **NOT USED:** NOT USED -- DELETED
27. **DATA, CABLE, TV, TELEPHONE:** FOR CABLE TV OUTLETS, DATA OUTLETS AND TELEPHONE OUTLETS THE WIRING, JACKS, AND FACEPLATES WILL BE PROVIDED BY OTHERS UNLESS OTHERWISE NOTED. MOUNT INDIVIDUAL DATA OUTLETS, TELEPHONE OUTLETS AND CABLE TV OUTLETS AT EXACTLY THE SAME HEIGHT AS RECEPTACLES UNLESS NOTED OTHERWISE.
28. **NEC:** "NEC" REFERS TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE WHICH HAS BEEN ADOPTED INTO LOCAL BUILDING CODE BY AGENCIES AND AUTHORIZES HAVING JURISDICTION.
29. **EXTERIOR ENCLOSURES:** ALL EXTERIORS ENCLOSURES OR ENCLOSURES EXPOSED TO MOIST CONDITIONS SHALL BE RATED NEMA 3R OR RATED FOR USE IN DAMP OR WET CONDITIONS AS EACH CASE REQUIRES.
30. **UNDERGROUND INSTALLATIONS:** WHERE CONDUIT IS INSTALLED BELOW GRADE, THE MINIMUM BURIAL DEPTH SHALL BE 24" UNLESS INSTALLED UNDER BUILDING SLAB (WHERE THERE IS NO MINIMUM BURIAL DEPTH). WHERE RIGID CONDUIT IS INSTALLED BELOW GRADE, COAT CONDUIT AND COUPLINGS WITH (2) COATS OF ASPHALT PAINT. UNDERGROUND PRIMARY CONDUIT INSTALLED IN COORDINATION WITH POWER COMPANY SHALL BE INSTALLED AT DEPTH AS DIRECTED BY POWER COMPANY. AVOID ALL EXISTING UTILITIES. ANY EXISTING UTILITIES DAMAGED SHALL BE REPAIRED AT CONTRACTORS EXPENSE AND AS DIRECTED BY ARCHITECT. RESTORE ANY DAMAGE PAVING TO MATCH EXISTING.
31. **IDENTIFICATION:** PROVIDE 1" HIGH LAMINATE PHENOLIC NAMEPLATES PERMANENTLY INSTALLED (WITH 3/8" HIGH WHITE LETTERS ON BLACK) ON THE FRONT OF ALL DISCONNECT SWITCHES, CB ENCLOSURES, PANELBOARDS, CONTACTORS, TRANSFORMERS, TRANSIENT VOLTAGE SURGE SUPPRESSORS AND STARTERS.
32. **CLEANING UP:** DURING THE PROGRESS OF WORK, KEEP THE OWNER'S PREMISE IN A NEAT AND ORDERLY CONDITION, FREE FROM ACCUMULATION OF DEBRIS RESULTING FROM THIS WORK. AT THE COMPLETION OF THE WORK, REMOVE ALL MATERIAL, SCRAP, ETC. NOT A PART OF THIS CONTRACT.
33. **OPERATING & MAINTENANCE INSTRUCTIONS:** TURN OVER TO THE ARCHITECT ONE SET OF ALL EQUIPMENT CATALOGS AND MAINTENANCE DATA. EXPLAIN AND DEMONSTRATE THE ELECTRICAL SYSTEMS TO OWNER AND/OR OWNER'S REPRESENTATIVE.



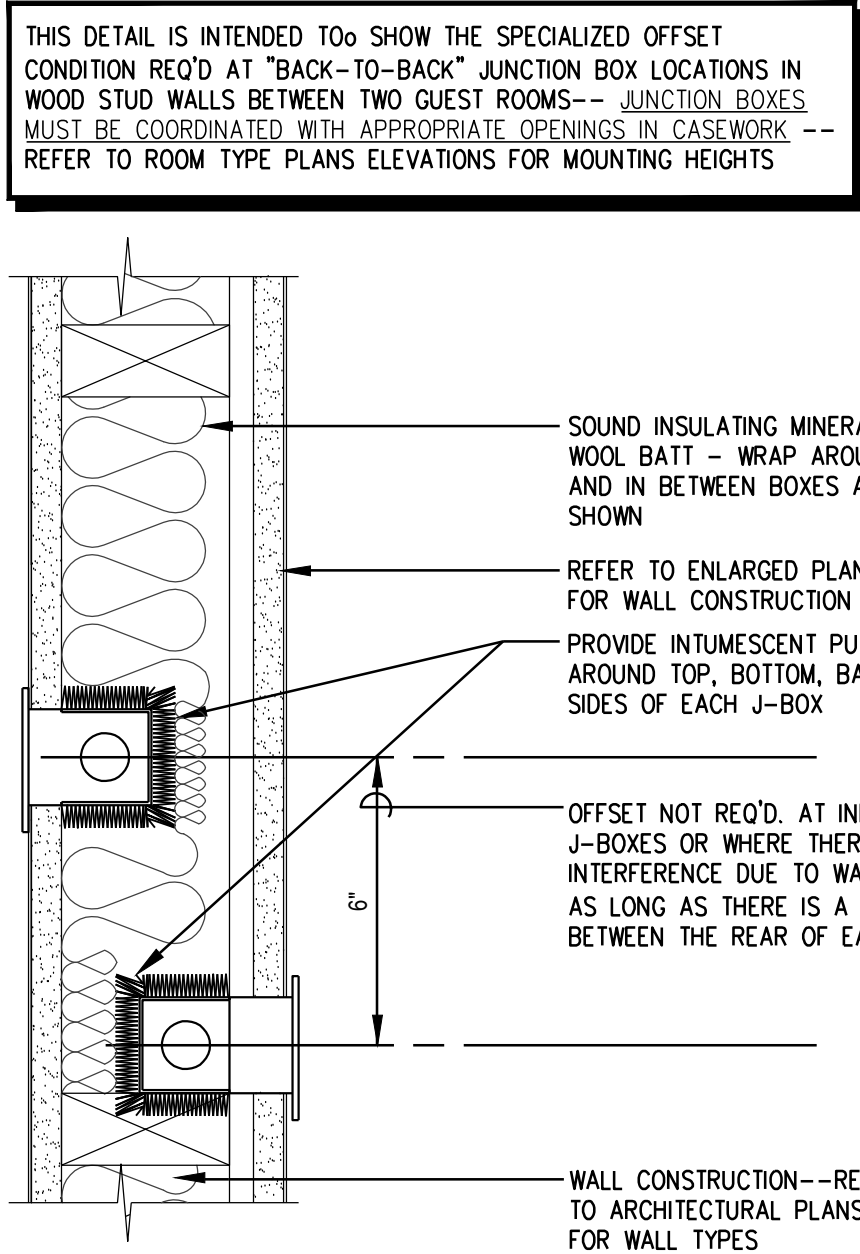
ELECTRICAL SYSTEM GROUNDING AND BONDING

NOT TO SCALE



TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM

SCHEMATIC -- NO SCALE

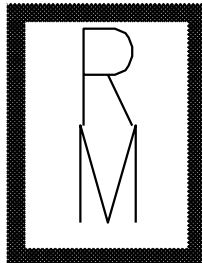


PLAN DETAIL AT TYPICAL J-BOX OFFSET

NO SCALE

ELECTRICAL SYSTEM GROUNDING & BONDING

1. THE GROUNDING ELECTRODE CONDUCTOR AT THE MAIN SERVICE EQUIPMENT SHALL BE SIZED IN ACCORDANCE WITH ARTICLE 250-50 OF THE N.E.C. AND AS SHOWN ON THE ADJACENT SKETCH.
2. THE MAIN BONDING JUMPER AT THE MAIN SERVICE EQUIPMENT SHALL BE SIZED IN ACCORDANCE WITH ARTICLE 250-102 OF THE N.E.C. AND AS SHOWN ON THE ADJACENT SKETCH.
3. EQUIPMENT GROUNDING CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS MAY BE A COPPER OR CORROSION RESISTANT CONDUCTOR, RIGID METAL CONDUIT, INTERMEDIATE METAL CONDUIT, ELECTRICAL METALLIC TUBING, OR THE METALLIC SHEATH OR COMBINED METALLIC SHEATH AND GROUNDING CONDUCTORS OF TYPE MC CABLE.
4. WHERE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR IS REQUIRED IT SHALL BE SIZED IN ACCORDANCE WITH THE ARTICLE 250-122 OF THE N.E.C. AND THE FOLLOWING TABLE:
- | AMPERE SETTING OF OVERCURRENT DEVICE AHEAD OF CIRCUIT | MINIMUM COPPER WIRE SIZE |
|---|--------------------------|
| 15 | 14 |
| 20 | 12 |
| 30 | 10 |
| 40 | 10 |
| 60 | 10 |
| 100 | 8 |
| 200 | 6 |
| 300 | 4 |
| 400 | 3 |
| 500 | 2 |
| 600 | 1 |
| 800 | 2/0 |
| 1000 | 2/0 |
| 1200 | 3/0 |
| 1600 | 4/0 |
5. GROUND SERVICE TO WATER PIPE, GROUND ROD, AND CONCRETE ENCASED ELECTRODE WITH ARTICLE 250 OF THE N.E.C.



Richard Molenaar
ARCHITECT



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Bartlett, Tennessee 38134
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www.innovativees-llc.com



PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
DETAILS

PROJECT NO.

13010

LATEST REVISION:



DRAWN BY:

CHECKED BY:

SHEET NUMBER:

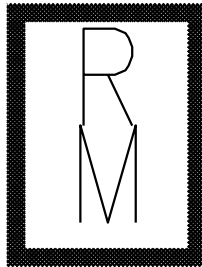
SA

RJH

DATE:

06/08/16

E404



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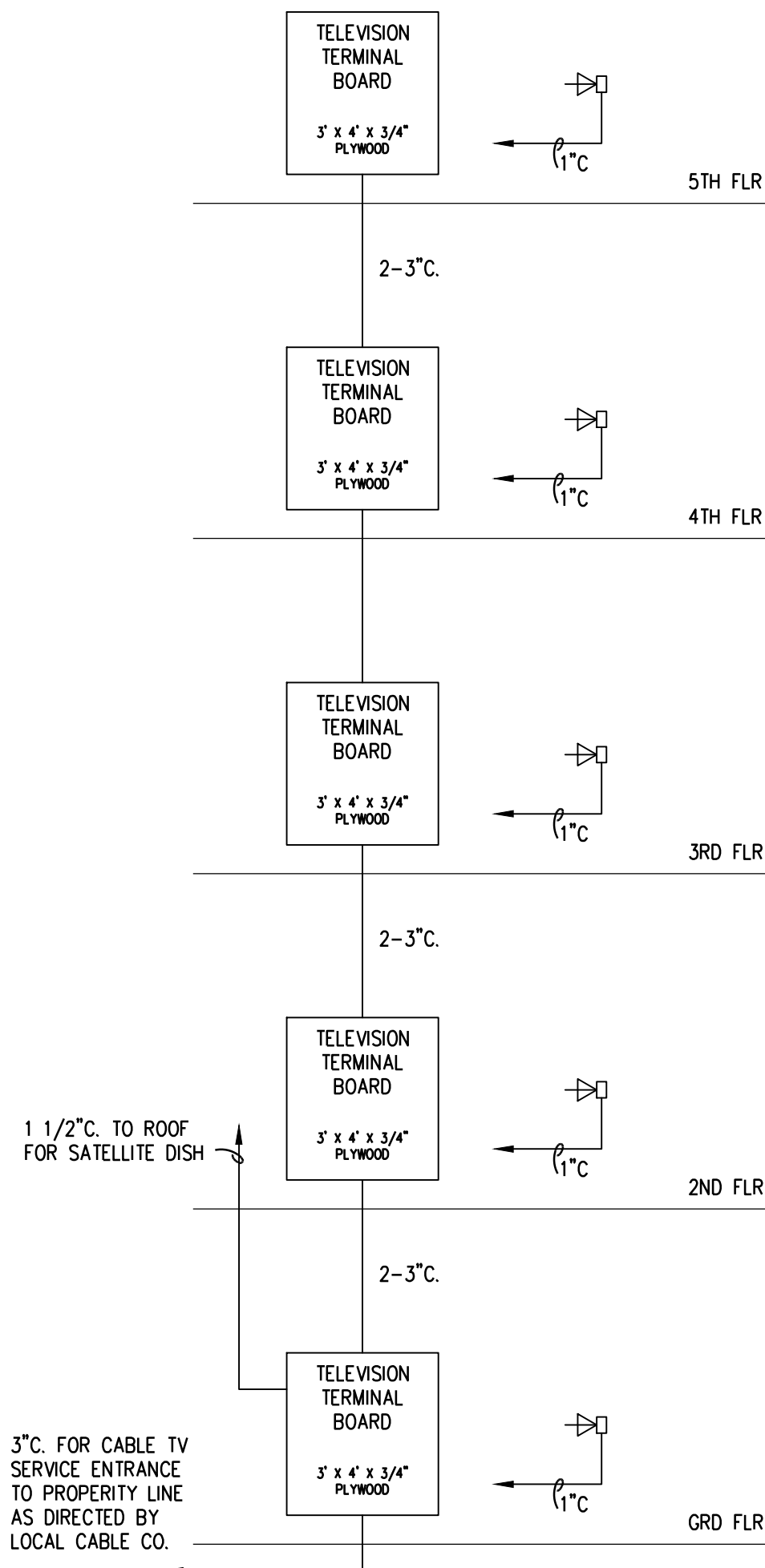
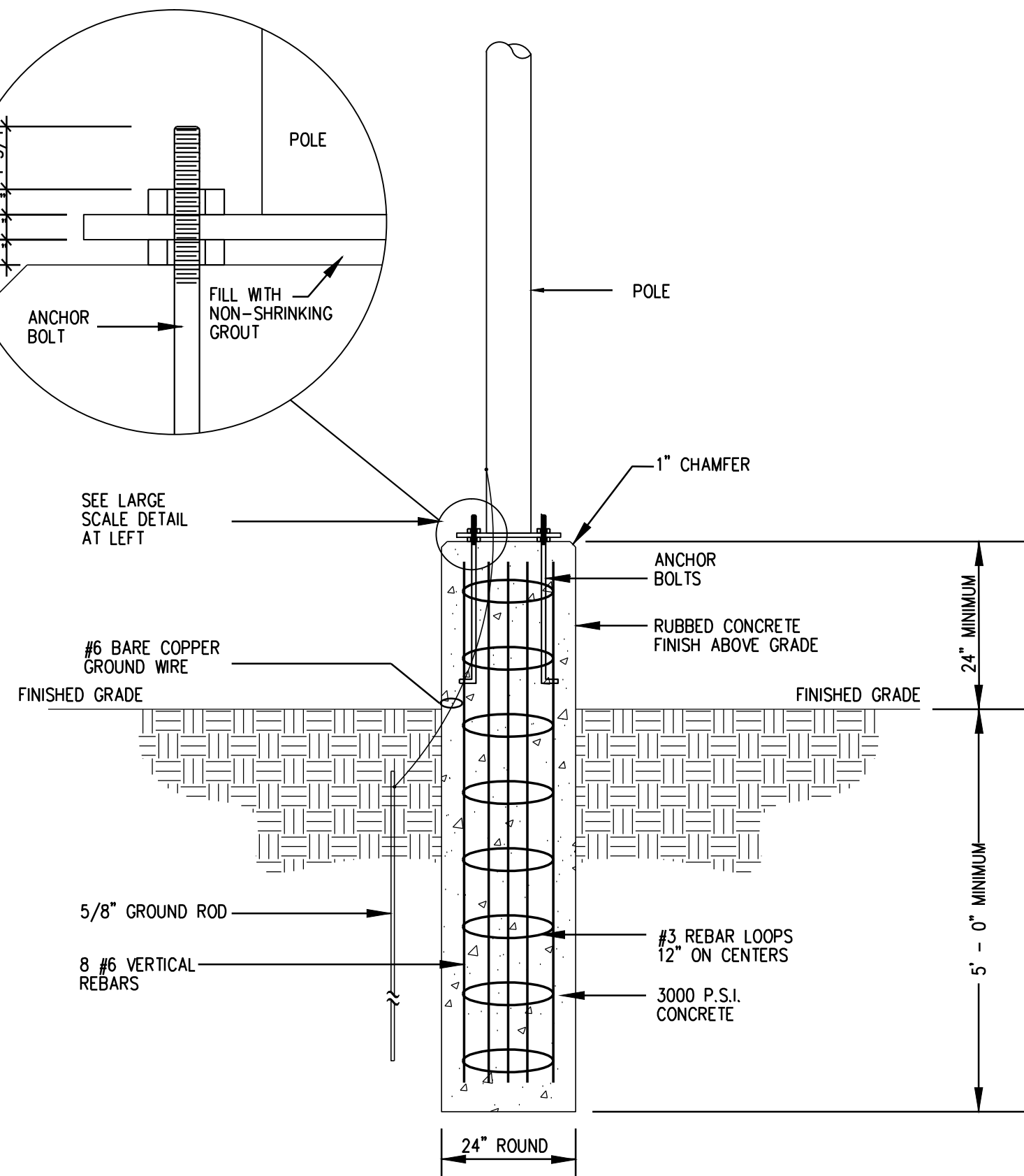


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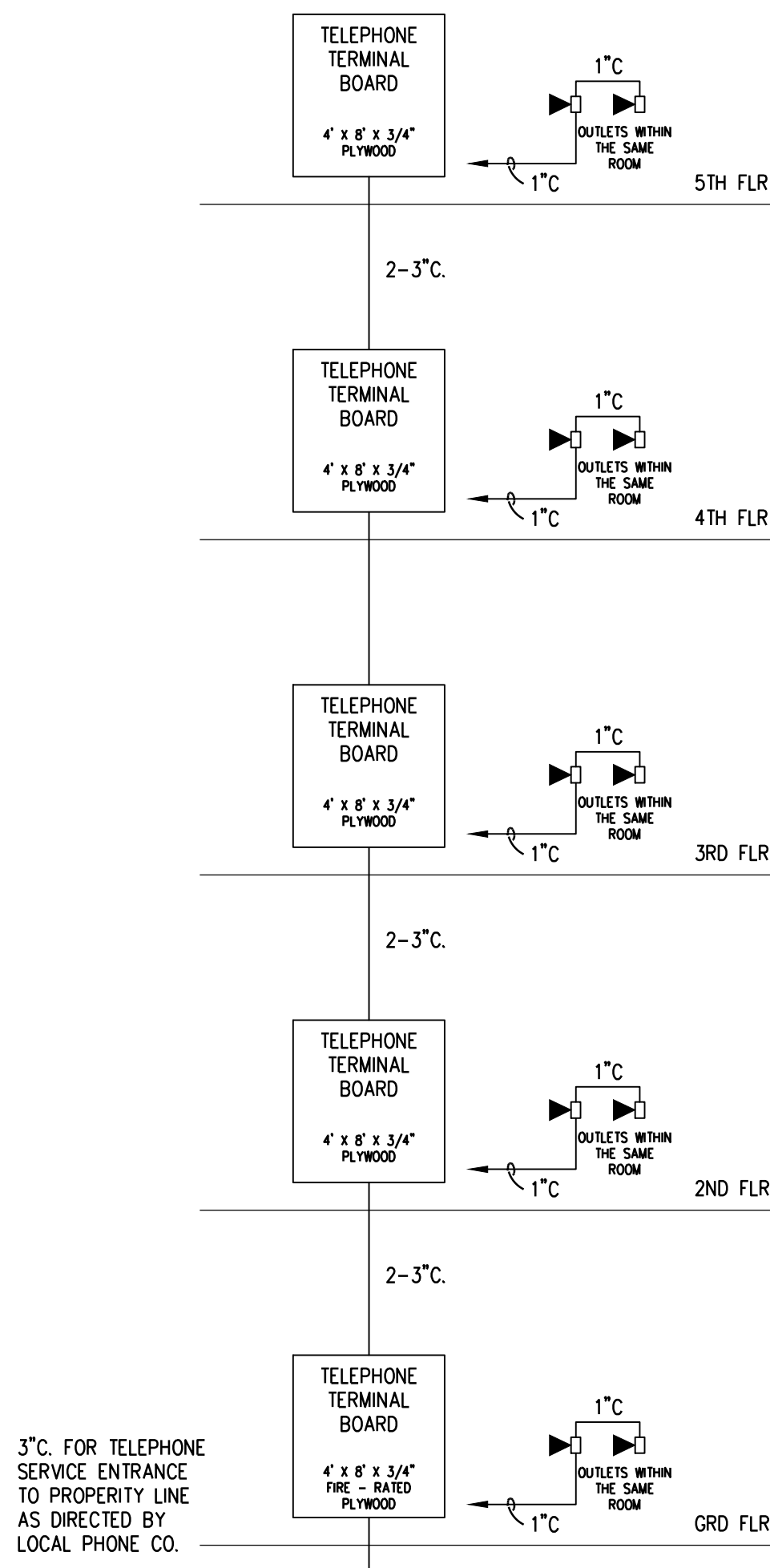
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POLE BASE DETAIL
NO SCALE



TELEVISION CONDUIT DIAGRAM
SCHEMATIC ---- NO SCALE



TELEPHONE CONDUIT DIAGRAM
SCHEMATIC ---- NO SCALE

PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:
ELECTRICAL
DETAILS

PROJECT NO.
13010

LATEST REVISION:

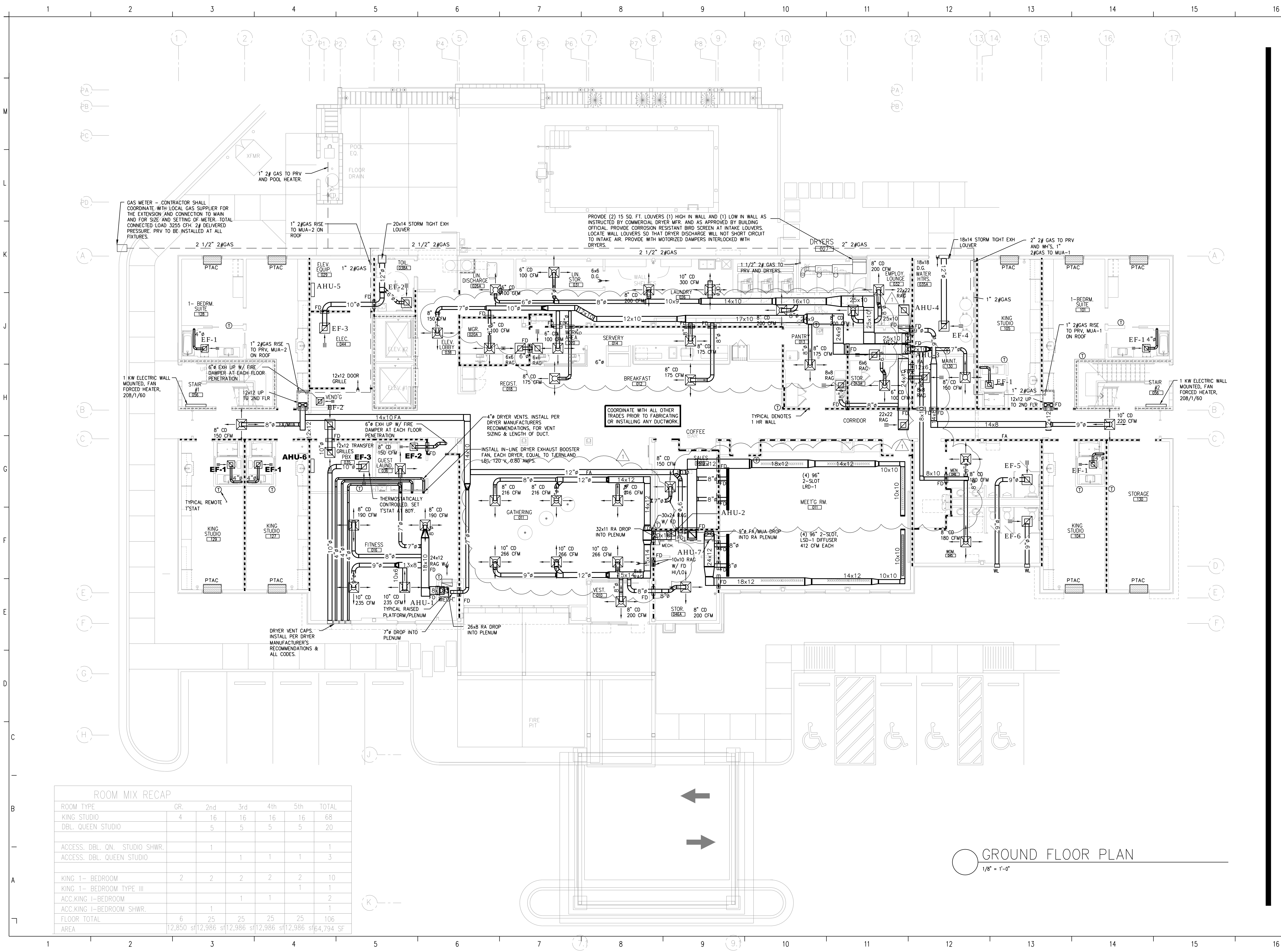


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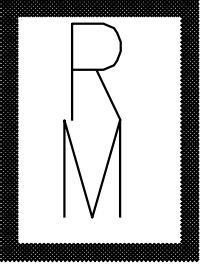
DATE:
06/08/16

E405



ROOM MIX RECAP						
ROOM TYPE	GR.	2nd	3rd	4th	5th	TOTAL
KING STUDIO	4	16	16	16	16	68
DBL. QUEEN STUDIO		5	5	5	5	20
ACCESS. DBL. QN. STUDIO SHWR.		1				1
ACCESS. DBL. QUEEN STUDIO			1	1	1	3
KING 1- BEDROOM	2	2	2	2		10
KING 1- BEDROOM TYPE III					1	1
ACC.KING 1-BEDROOM			1	1		2
ACC.KING 1-BEDROOM SHWR.						1
FLOOR TOTAL	6	25	25	25	25	106
AREA	12,850 sf	12,986 sf	12,986 sf	12,986 sf	12,986 sf	64,794 SF

GROUND FLOOR PLAN
1/8" = 1'-0"



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PROJECT NAME:
HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:
Ground Floor Plan – HVAC

PROJECT NO.
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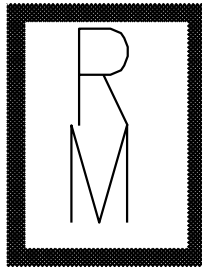
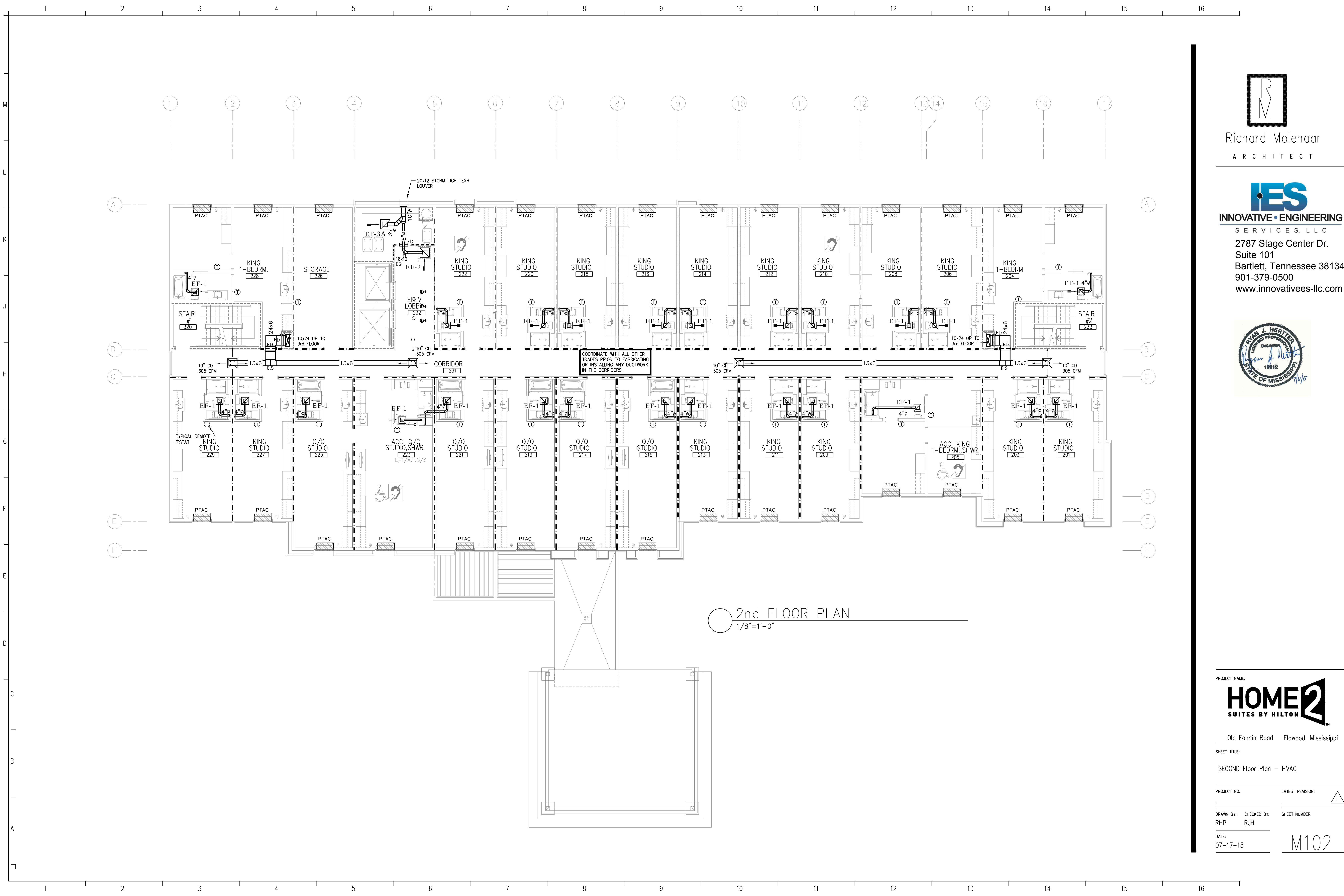
LATEST REVISION:
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RUH

SHEET NUMBER:
M101

DATE:
07/17/15



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2nd FLOOR PLAN
1/8"=1'-0"

PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:

SECOND Floor Plan – HVAC

PROJECT NO.

LATEST REVISION:

DRAWN BY:

CHECKED BY:

SHEET NUMBER:

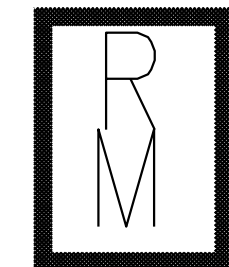
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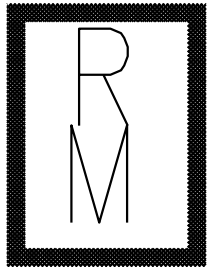
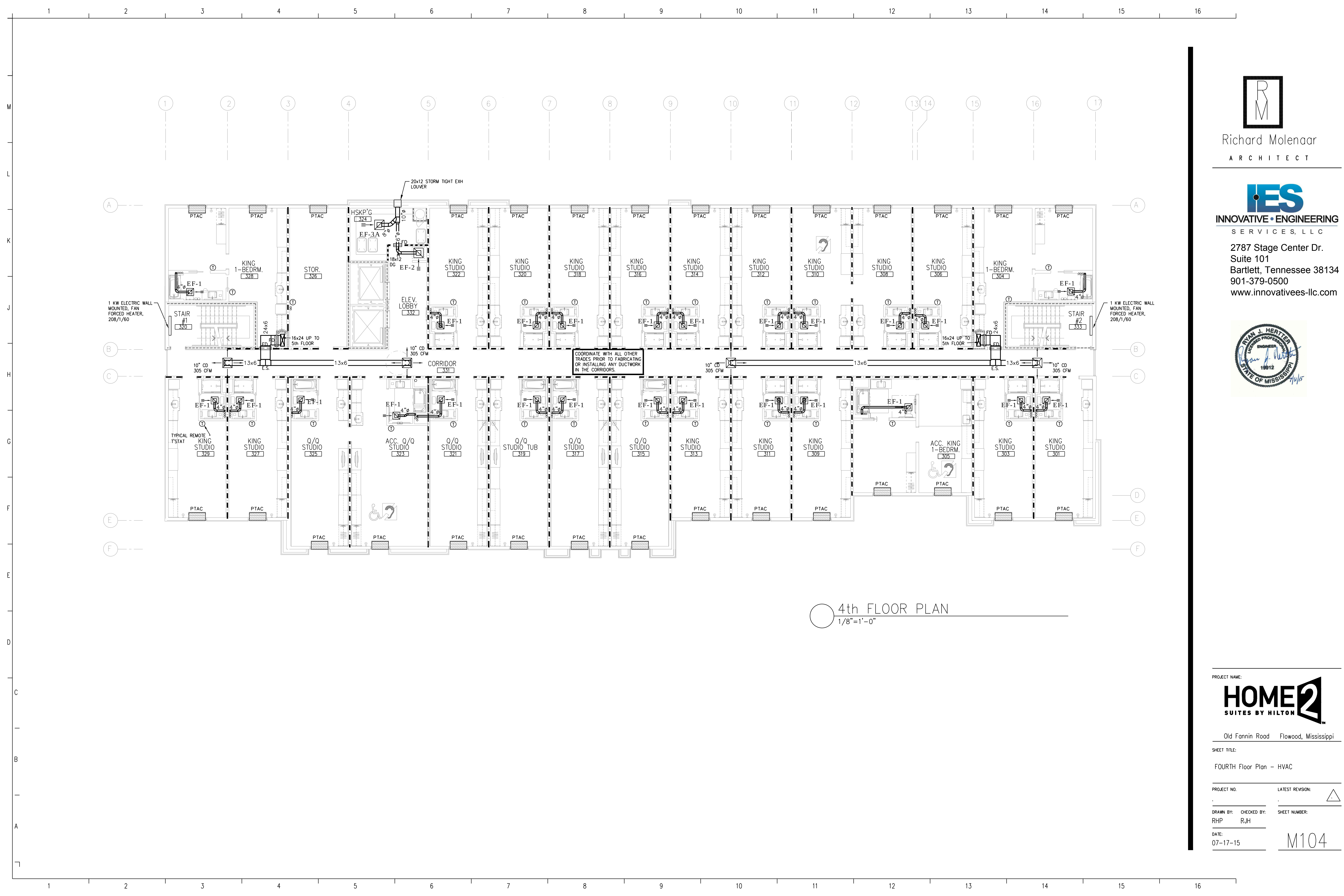
RJH

DATE:

07-17-15

M102





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4th FLOOR PLAN
1/8"=1'-0"

PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:

FOURTH Floor Plan – HVAC

PROJECT NO.

LATEST REVISION:

DRAWN BY:

CHECKED BY:

SHEET NUMBER:

RHP

RJH

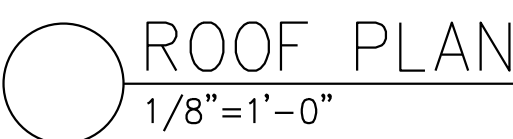
DATE:

07-17-15

M104



M105



M106

MECHANICAL NOTES

1. THIS CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAWINGS, AND ALL FEATURES ON SITE OF CONSTRUCTION WHICH MAY AFFECT HIS WORK AND SHALL BE GOVERNED BY THESE OTHER SPECIFICATIONS, INCLUDING THE GENERAL CONDITIONS AND PARTICULAR INSTRUCTIONS TO ALL BIDDERS AND SUPPLIERS.
2. ALL WORK SHALL BE EXECUTED AND INSPECTED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND/OR STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THIS PARTICULAR CLASS OF WORK, & EACH CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL APPLICABLE MATERIAL, TOOLS, LABOR, CHARGES, FEES, PERMITS, ROYALTIES, TAXES AND OTHER SIMILAR COSTS IN CONNECTION THEREWITH. PRIOR TO FABRICATION OF DUCTWORK, CONTRACTOR SHALL EXAMINE AND VERIFY ALL CONDITIONS ABOVE AND BELOW THE CEILING WHICH MAY INTERFERE WITH THE DUCT SYSTEM AND NOTIFY THE ARCHITECT OF ANY CONFLICT ENCOUNTERED. CONTRACTOR SHALL PROVIDE ALL OFFSETS, ETC. WHICH MAY BE REQUIRED, WITHOUT ADDITIONAL COST TO THE OWNER.
4. ALL SHEETMETAL DUCT CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH "SMACNA" LOW PRESSURE DUCT CONSTRUCTION STANDARDS FOR DUCT DOWN STREAM OF BOXES & MEDIUM PRESSURE CONSTRUCTION STANDARDS FOR PRIMARY AIR DUCT.
5. ALL DUCTS SHALL BE SUPPORTED WITH 1" WIDE, 16 GAUGE NON-PERFORATED GALVANIZED STEEL BANDS.
6. MAXIMUM LENGTH OF FLEXIBLE ROUND DUCT SHALL NOT EXCEED 3'-0" HORIZONTALLY, AT DIFFUSERS ONLY.
7. ALL DUCT DIMENSIONS SHOWN ON PLANS ARE NET FREE AREA, INCREASE SHEETMETAL SIZE AS REQUIRED FOR INTERNAL INSULATION.
8. ALL RECTANGULAR DUCTWORK SHALL BE INSULATED WITH CLOSED CELL ELASTOMERIC INSULATION w/MINIMUM 1/2" 1 1/2 LB. DENSITY INTERNAL DUCT LINER. (FIBERGLASS DUCT LINER IS NOT PERMITTED.) ALL ROUND DUCTWORK SHALL HAVE MINIMUM 2" BLANKET TYPE INSULATION w/FOIL BACK & ALL JOINTS LAPPED AND TAPED.
9. ALL METAL DUCT SHALL BE GALVANIZED SHEET STEEL. ALUMINUM IS NOT ACCEPTABLE. GAUGE OF METAL AND CONSTRUCTION OF DUCT SHALL BE IN ACCORDANCE WITH SMACNA MEDIUM & LOW VELOCITY DUCT STANDARDS.
10. ALL WORK SHALL BE WARRANTED FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE BY ARCHITECT. LOSS OF REFRIGERANT SHALL BE DEEMED DUE TO DEFECTIVE MATERIAL OR WORKMANSHIP.
11. CONTRACTOR SHALL PROVIDE FLEXIBLE CONNECTIONS AT ALL DUCT CONNECTIONS TO HEATING AND AIR CONDITIONING EQUIPMENT AND SHALL PROVIDE VIBRATION ISOLATION ON ALL MECHANICAL EQUIPMENT PER EQUIPMENT MANUFACTURERS' RECOMMENDATIONS.
12. CONTRACTOR SHALL COORDINATE LOCATION OF ALL SUPPLY AND RETURN AIR REGISTERS, DUCTS, GRILLES AND DIFFUSERS WITH LIGHTING AND CEILING PATTERNS.
13. INSULATE TOP OF DIFFUSERS/REGISTERS WITH 3-1/2" THICK CLOSED CELL ELASTOMERIC BATT INSULATION. SECURE INSULATION TO DIFFUSERS IN SIMILAR FASHION AS ROUND DUCT INSULATION.
14. ALL FIRE DAMPERS SHALL BE U.L. LISTED. PROVIDE ACCESS PANELS AS REQUIRED FOR SERVICE.
15. PROVIDE ARCHITECT WITH COMPLETE SET OF TEST AND BALANCE OF AIR DISTRIBUTION SYSTEM DOCUMENTATION UPON COMPLETION OF INSTALLATION.
16. CONTRACTOR SHALL FIRE STOP ALL PIPING PENETRATIONS OF FIRE, SMOKE, OR COMBINATION WALLS/PARTITIONS TO MEET THE LATEST NATIONAL BUILDING CODE REQUIREMENTS, SEE ARCH. SHT. A611.
17. CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BIDDING TIME AND SHALL FAMILIARIZE HIMSELF W/ ALL EXISTING CONDITIONS.
18. THERMOSTATS AND ALL CONTROL DEVICES SHALL BE MOUNTED 48" A.F.F.
19. PAINT INSIDE OF RETURN AIR DUCTS BLACK BEHIND ALL RETURN AIR GRILLES.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL DRAWINGS ALL FIRE RATED WALLS & CEILINGS AND SHALL FURNISH ALL FIRE DAMPERS/RADIATION DAMPERS REQUIRED.
21. ALL DETAILS AND NOTES ON THESE DRAWINGS SHALL BE APPLIED TO ALL OF THE DRAWINGS FOR THIS PROJECT.
22. COORDINATE WITH ELECTRICAL ALL OF THE POWER NEEDS, WIRING DEVICES ETC. AND FURNISH ALL ITEMS NOT FURNISHED UNDER THE ELECTRICAL.
23. SEISMIC MECHANICAL SUPPORTS TO BE DESIGNED BY AN ENGINEER EMPLOYED BY THE CONTRACTOR AND SUBMITTED FOR APPROVAL. COMPLY WITH SEISMIC BRACING REQUIREMENTS OF INTERNATIONAL BUILDING CODE. SEISMIC BRACING DEVICES SHALL BE SUBMITTED TO ENGINEER FOR REVIEW. CONTRACTORS SHALL EMPLOY A REGISTERED PROFESSIONAL ENGINEER TO DESIGN SEISMIC RESTRAINTS FOR EQUIPMENT PURCHASED. SHOP DRAWINGS SHALL BEAR SEAL OF A PROFESSIONAL ENGINEER, LICENSED IN STATE, WITH MIN. 5 YEARS EXPERIENCE IN DESIGN OF SEISMIC BRACING SYSTEMS. SEISMIC DRAWINGS SHALL BE SUBMITTED TO LOCAL CODE ENFORCEMENT FOR APPROVAL PRIOR TO INSTALLATION. REFER TO STRUCTURAL ENGINEERING DOCUMENTS FOR ACCELERATION, BUILDING STRUCTURE, ETC.
24. ALL SYSTEMS SHALL COMPLY WITH HILTON WORLDWIDE, HOME2 STANDARDS, MOST CURRENT EDITION.

FAN SCHEDULE

MARK	DESCRIPTION
EF-1	GREENHECK MODEL SP-A90, CEILING MOUNTED EXHAUST FAN, WITH CEILING RADIATION DAMPER, 50 CFM @ .25" SP, 29.4 WATTS @ 120 VOLT. INDIVIDUAL WALL SWITCHES.
EF-2	GREENHECK MODEL SP-B90, CEILING MOUNTED EXHAUST FAN, 75 CFM @ .25" SP, 50 WATTS @ 120 VOLT. TERMINATION AS INDICATED ON THE DRAWINGS.
EF-3	GREENHECK MODEL SP-A410 CEILING MOUNTED EXHAUST FAN, 350 CFM @ .25" ESP, 121 WATTS @ 120 V. COMPLETE W/ WALL CAP, BIRDSCREEN, BACKDRAFT DAMPER, & DISCONNECT. WL WALL LOUVER.
EF-3A	GREENHECK MODEL SP-A200 CEILING MOUNTED EXHAUST FAN, 200 CFM @ .25" ESP, 48.2 WATTS @ 120 V. COMPLETE W/ BIRDSREEN, BACKDRAFT DAMPER, & DISCONNECT. WL WALL LOUVER.
EF-4	GREENHECK MODEL SP-A700 CEILING MOUNTED EXHAUST FAN, 600 CFM @ .25" ESP, 350 WATTS @ 120 V. COMPLETE W/ WALL CAP, BIRDSREEN, BACKDRAFT DAMPER, & DISCONNECT. THERMOSTAT CONTROLLED.
EF-5	GREENHECK MODEL SP-A290 CEILING MOUNTED EXHAUST FAN, 225 CFM @ .375" ESP, 80.7 WATTS @ 120 V. COMPLETE W/ WALL CAP, BIRDSREEN, BACKDRAFT DAMPER, & DISCONNECT. WL WALL LOUVER.
EF-6	

- * ALL EXHAUST DUCT SHALL BE METAL DUCT. NO FLEX PERMITTED.
- * ALL EXTERIOR WALL CAPS TO BE PVC.

MAKE-UP AIR UNIT SCHEDULE

	MFR. & MODEL	TOTAL CFM	COOLING						HEATING				SUPP FAN									WEIGHT
			CAPACITY (MBH)		ENT AIR		LVG AIR		CAPACITY (MBH)		AIR TEMP		H.P.	FRPM	E.S.P.	VOLTAGE	COMP RLA	EVAP FAN FLA	COND FAN FLA	M.C.A.	MOCP	(LBS)
			SENSIBLE	TOTAL	DB	WB	DB	WB	INPUT	OUTPUT	ENT	LVG										
MUA-1 MUA-2	AAON RN-020-8-0-BA02-349 OR APPROVED EQUAL	3,200	95,660	255,820	83.5	78.70	55.11	54.91	270,000	218,700	17.10	80.30	3.0	1009	1.5"	208/3/60	(2)@30.1	10.6	(2)@7.0	92.0	110	3,500

NOTES:

1. FACTORY ASSEMBLED, PIPED, WIRED AND TESTED AS A SINGLE PACKAGE.
2. R410A REFRIGERANT
3. MODULATING GAS HEATING(MINIMUM 10:1 TURNDOWN), WITH 304 SERIES STAINLESS HEAT EXCHANGER W/ A 25 YEAR WARRANTY (PARTS ONLY),.
4. 100% OUTSIDE AIR HOOD WITH 2 POSITION MOTORIZED DAMPER AND METAL MESH PRE-FILTER.
5. 2" MERV 12 FILTERS AND A 2" MERV 7 PRE-FILTERS.
6. HOT GAS BY-PASS ON ALL REFRIGERATION CIRCUITS. (FROST-STAT COMPRESSOR CYCLING NOT ACCEPTABLE).
7. MODULATING HOT GAS RE-HEAT COIL FOR DE-HUMIDIFICATION (2-POSITION OR DEDICATED HEAT PUMP CIRCUIT NOT ACCEPTABLE).
8. MANUAL RESET HIGH PRESSURE SWITCHES & AUTO RESET LOW PRESSURE SWITCHES.
9. 2-STAGE COOLING, 2 COMPRESSOR CIRCUITS WITH INTERLACED-CIRCUIT DX COIL. (HORIZONTAL SPLIT NOT ACCEPTABLE).
10. SIGHT GLASS AND STAINLESS STEEL DRAIN PAN.
11. INTEGRAL NON-FUSED DISCONNECT.
12. CONTROLS: WATMASTER/ORION VQWX CONTROLLER WITH AMBIENT DEWPOINT SENSOR; ELECTRONIC SEQUENCING OF COMPRESSORS, 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 OVER-COOLING IN THE SPACE, THE MODULATING HOT GAS REHEAT VALVE SHALL OPEN TO SATISFY THE CONDITIONED SPACE REQUIREMENT. FIELD MOUNTED CONTROLS INCLUDE A DUCT MOUNTED LEAVING AIR STAT AND A WALL MOUNTED STAT. ALL UNIT MOUNTED CONTROLS FOR COMPLETE OPERATION SHALL BE INSTALLED BY THE EQUIPMENT MANUFACTURER.
16. ECM CONDENSER FAN MOTORS FOR CONDENSER HEAD PRESSURE CONTROL.
17. 2" FOAM INJECTED INSULATED (MINIMUM R13 VALUE) DOUBLE WALL CABINET CONSTRUCTION
18. SINGLE POINT POWER CONNECTION.
19. UNIT SHALL BE AHRI LISTED AND CERTIFIED. (COIL ONLY CERTIFICATION IS NOT ACCEPTABLE)
20. 30" HIGH FACTORY ASSEMBLED AND INSULATED ROOF CURB/PLENUM WITH VIBRATION ISOLATION RAILS.
21. COMPRESSORS SHALL HAVE 5 YEAR WARRANTY. (PARTS ONLY).
22. DUCT MOUNTED SMOKE DETECTOR PROVIDED BY ELECTRICAL, INSTALLED BY MECHANICAL.
19. THIS IS AN AAON/HILTON NATIONAL ACCOUNT. FOR PRICING, PHONE: 1-901-345-6100.

NOTE:

ALL EQUIPMENT, AIR DISTRIBUTION, FILTRATION, THERMOSTATS AND DEVICES, ETC. SHALL FULLY COMPLY WITH ALL CODE AUTHORITIES HAVING JURISDICTION AND WITH THE LATEST EDITION OF HILTON/HOME2 STANDARDS, WHETHER SHOWN ON THESE DRAWINGS OR NOT. CONTRACTOR SHALL FULLY ACQUAINT HIMSELF WITH THESE STANDARDS, AND BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/OWNER.

PTAC AIR CONDITIONER SCHEDULE

MARK	TOTAL CFM	O.S.A. CFM	COOLING COIL DATA				ELECTRIC HEATER		ELECTRICAL DATA (MCA)	EER	MAX FUSE	REMARKS
			ENT. AIR		TOTAL CAPACITY	AMB	KW	VOLTAGE				
			DB F	WB F								
PTAC	290		80°F	67°F	9,000	95°F	3.5 @ 240V. 2.9 @ 208V.	230/208V. /1/60	19.5 208/1/60	11.5	20 AMP	AMANA PTC093G35C, WITH DIGITAL UNIT MOUNTED CONTROLS, AND ELECTRONIC REMOTE MOUNTED THERMOSTATS, 2-SPEED FAN CONTROL, WALL SLEEVE, OR APPROVED EQUAL MANUFACTURER.

ACCESSORIES: (1) ELECTRICAL SUBBASE, (2) CONDENSATE REMOVAL KIT, AND SECONDARY DRAIN KIT, EXTEND AND CONNECT TO DRAIN PIPE PROVIDED BY PLUMBER, COORDINATE WITH PLUMBER. (3) CONTROLS SHALL PREVENT OPERATION OF COMPRESSOR AND ELECTRIC HEAT AT THE SAME TIME. (4) ARCHITECTURAL DECORATIVE LOUVER, AS MANUFACTURED BY RELIABLE PRODUCTS. LOUVERS SHALL BE CONSTRUCTED OF ALUMINUM WITH CUSTOM FINISH AS DIRECTED BY THE ARCHITECT, (5) WIRED ELECTRONIC DIGITAL REMOTE MOUNTED THERMOSTAT. (6) ELECTRICAL SUB-BASE KIT.

HEATING AND AIR CONDITIONING SCHEDULE

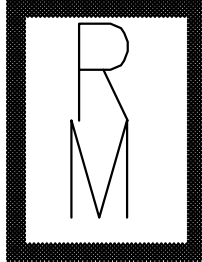
AIR HANDLING UNIT											CONDENSING UNIT						
	MFR. & MODEL	TOTAL CFM	O.S.A. CFM	TOTAL COOLING	SENSIBLE COOLING	E.S.P.	VOLTAGE	H.P.	ELEC HT KW	SINGLE POINT CONNECTION MCA	MFG & MODEL	M.C.A.	COMP. R.L.A.	FAN F.L.A.	VOLTAGE	REMARKS	EER
AHU-1	TRANE GAM5A0A36M31SA	1000	160	35,900	26,600	.5"	208/1/60	1/3	5.76	40	CU-1 TRANE 4TTB4024H1	18.0	13.5	0.9	208/1/60	COMPLETE W/ WALL MOUNTED T'STAT WITH TIME DELAY AND HARD START KIT.	14.0
AHU-2	TRANE GAM5A0C60M51SA	2000	285	59,700	43,400	.6"	208/3/60	1.0	10.8	46	CU-2 TRANE 4TTA4060D3	21.0	15.6	1.2	208/3/60	COMPLETE W/ WALL MOUNTED T'STAT WITH TIME DELAY AND HARD START KIT.	14.0
AHU-3	TRANE GAM5A0C48M41SA	1600	270	47,800	34,800	.6"	208/3/60	1.0	7.2	32	CU-3 TRANE 4TTA4048D3	18.0	13.7	1.2	208/3/60	COMPLETE W/ WALL MOUNTED T'STAT WITH TIME DELAY AND HARD START KIT.	14.0
AHU-4	TRANE GAM5A0B42M31SA	1400	270	35,900	26,600	.6"	208/1/60	1/2	5.76	40	CU-4 TRANE 4TTA4042B3	14.0	10.4	0.56	208/3/60	COMPLETE W/ WALL MOUNTED T'STAT WITH TIME DELAY AND HARD START KIT.	14.0
AHU-5	MITSUBISHI PKA-A12HA4	290	0	12,000	9,720	.1"	115/1/60	30W			CU-5 MITSUBISHI PUY-A12NHA4		12.0	0.35	115/1/60	COMPLETE W/ WALL MOUNTED T'STAT, WITH TIME DELAY AND HARD START KIT.	14.0
AHU-6	MITSUBISHI PKA-A12HA4	290	0	12,000	9,720	.1"	115/1/60	30W			CU-6 MITSUBISHI PUY-A12NHA4		12.0	0.35	115/1/60	COMPLETE W/ WALL MOUNTED T'STAT, WITH TIME DELAY AND HARD START KIT.	14.0
AHU-7	TRANE GAM5A0C48M41SA	1650	285	48,800	34,800	.6"	208/3/60	1.0	7.2	32	CU-7 TRANE 4TTA4048D3	18.0	13.7	1.2	208/3/60	COMPLETE W/ WALL MOUNTED T'STAT WITH TIME DELAY AND HARD START KIT.	14.0

NOTE:

1. CONTRACTOR SHALL EXAMINE AND COORDINATE WITH ALL COMPONENTS OF BUILDING CONSTRUCTION PRIOR TO LOCATING & SETTING OF H.V.A.C. EQUIPMENT AND NOTIFY ARCHITECT OF ANY CONFLICT.
2. ALL AHU'S SHALL HAVE SMOKE DETECTORS IN THE RETURN AIR DUCT TO SOUND AN AUDIBLE ALARM AND SHUT DOWN UNIT.
3. ALL AHU'S TO BE SET ON RAISED PLATFORMS/PLENUMS OR HAVE THE RA DUCT TIED INTO THE AHU'S, DO NOT USE MECH ROOM FOR PLENUM.
4. ALL THERMOSTATS TO BE 7 DAY PROGRAMMABLE AND HAVE SECURITY COVERS.
5. AHU-5 & AHU-6 RECEIVE POWER FROM OUTDOOR UNITS THROUGH FIELD- SUPPLIED INTERCONNECTED WIRING.
6. ALL AHU'S SHALL HAVE A MINIMUM MERV 8 FILTERS, FULLY SYNTHETIC MEDIA WITHOUT PAPER FRAMES.
7. PROVIDE UV PROTECTIVE COATING ON ALL REFRIGERANT PIPE INSULATION EXPOSED TO SUNLIGHT
8. MINIMUM EER OF 13 ON ALL AIR CONDITIONING EQUIPMENT..

NOTE:

SMOKE DETECTORS SHALL BE PROVIDED ON THE RETURN PLENUM ON EACH FURNACE. EACH DETECTOR SHALL HAVE BOTH AN AUDIBLE AND VISUAL ALARM WITH TEST BUTTON. EACH DETECTOR SHALL SHUT-DOWN ALL UNITS ID ACTIVATED. THE INSTALLATION SHALL MEET ALL THE REQUIREMENTS OF NFPA 90A AND NFPA 72.



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ARCHITECT



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PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:

HVAC Schedules & Details

PROJECT NO.

LATEST REVISION:

09/14/16

DRAWN BY: RHP

CHECKED BY: RJH

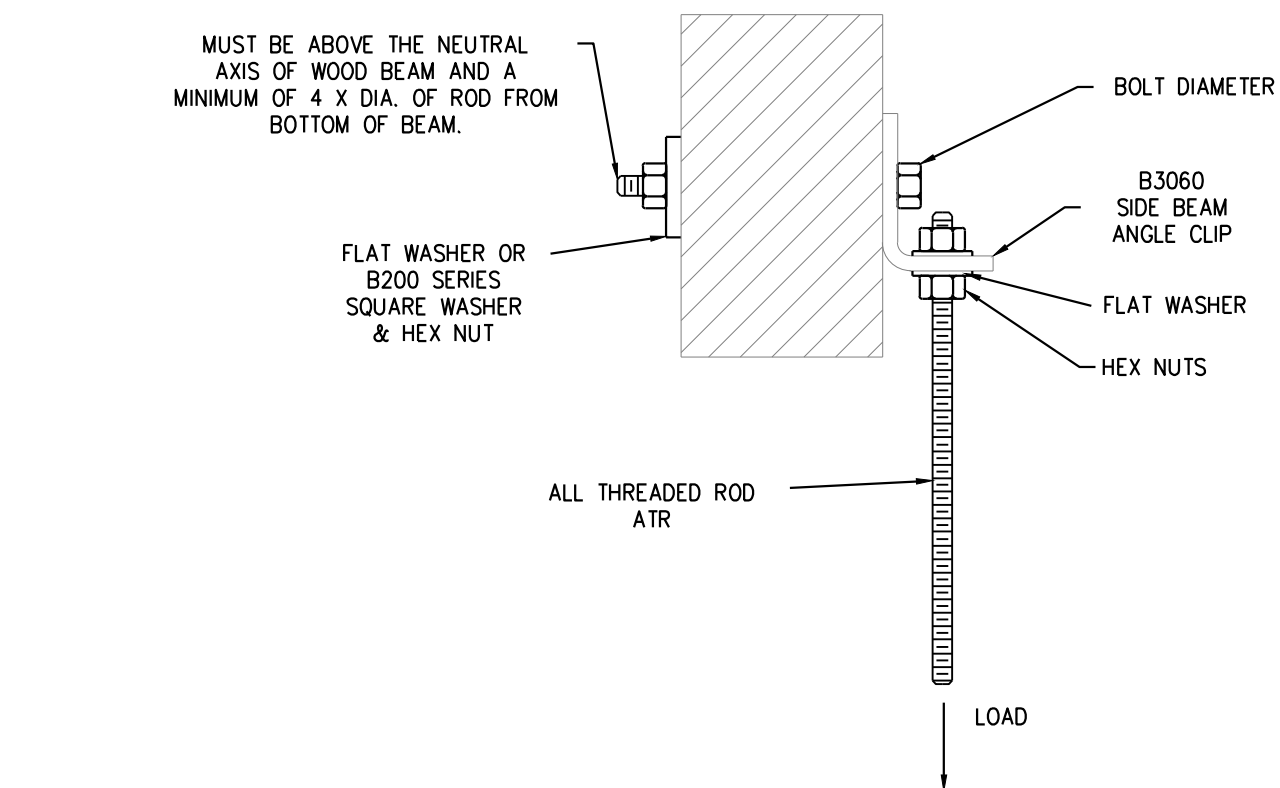
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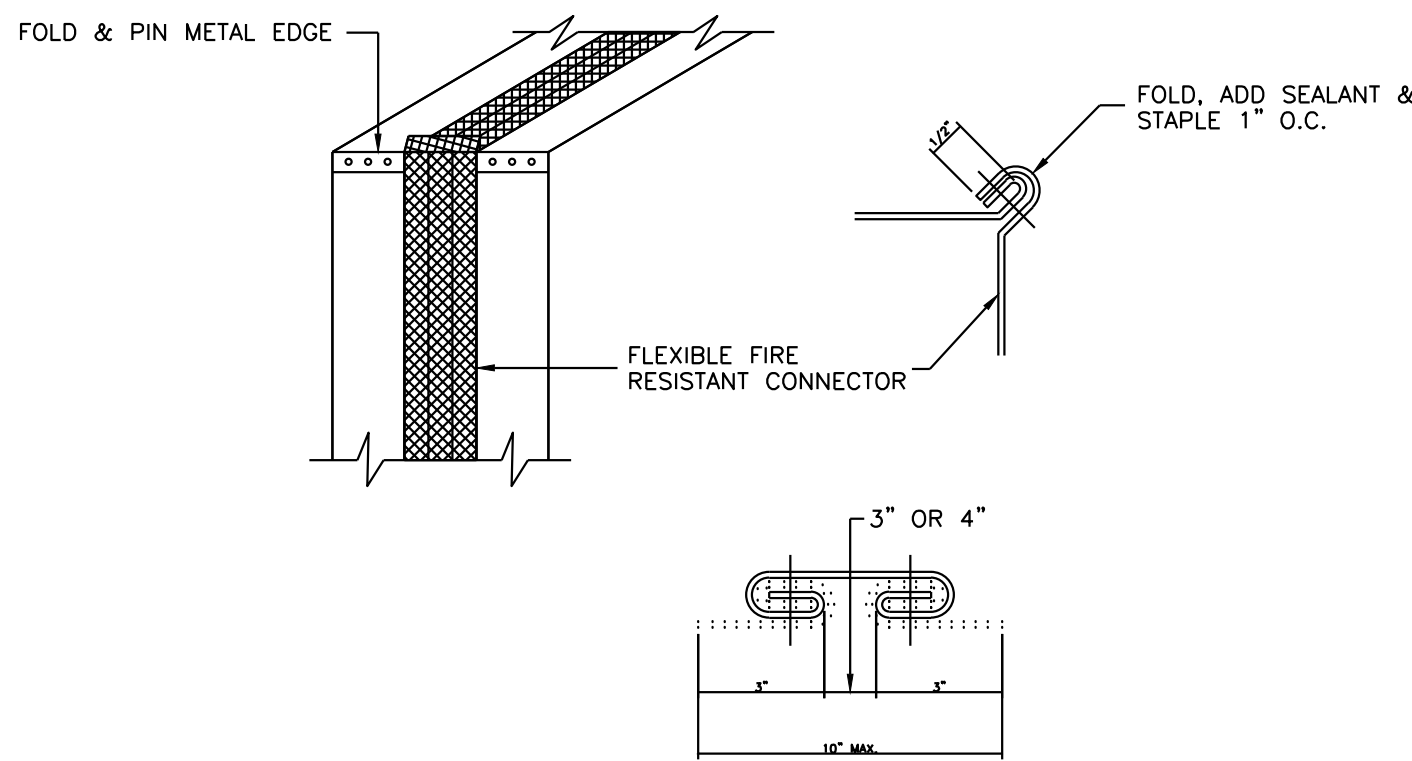
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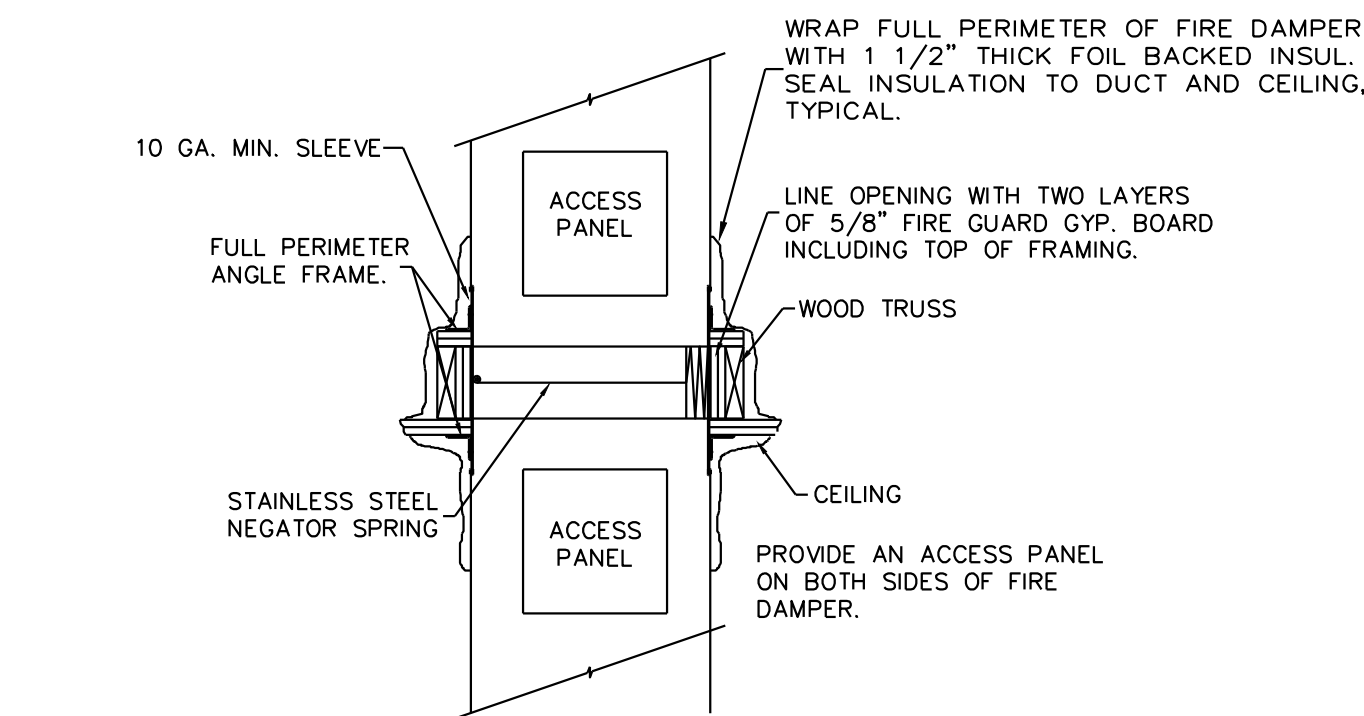
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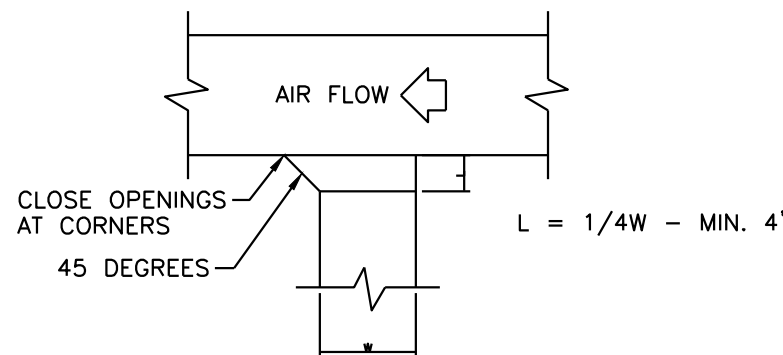
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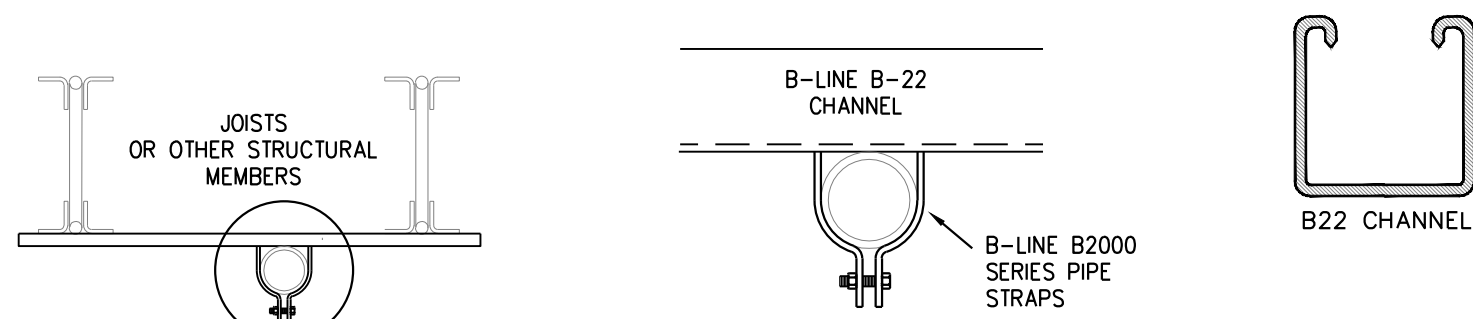
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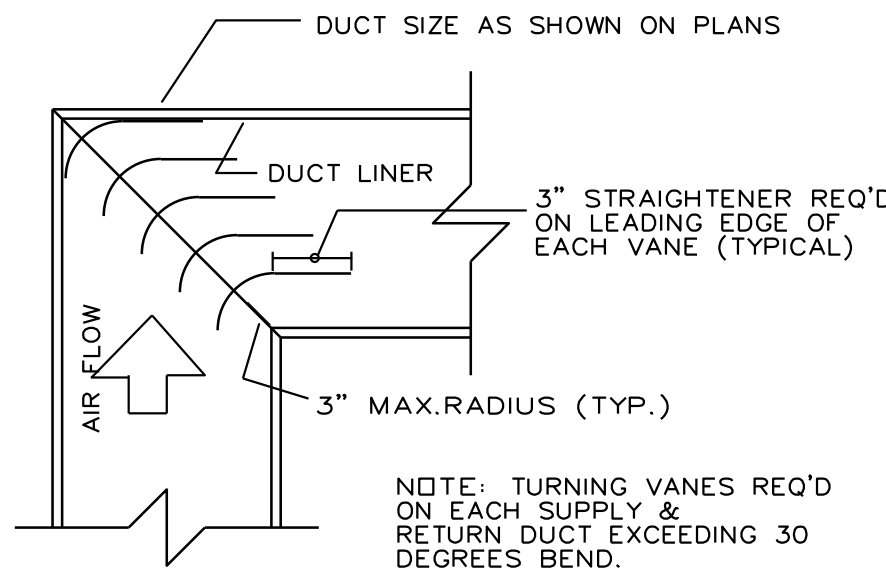
RETURN OR EXHAUST
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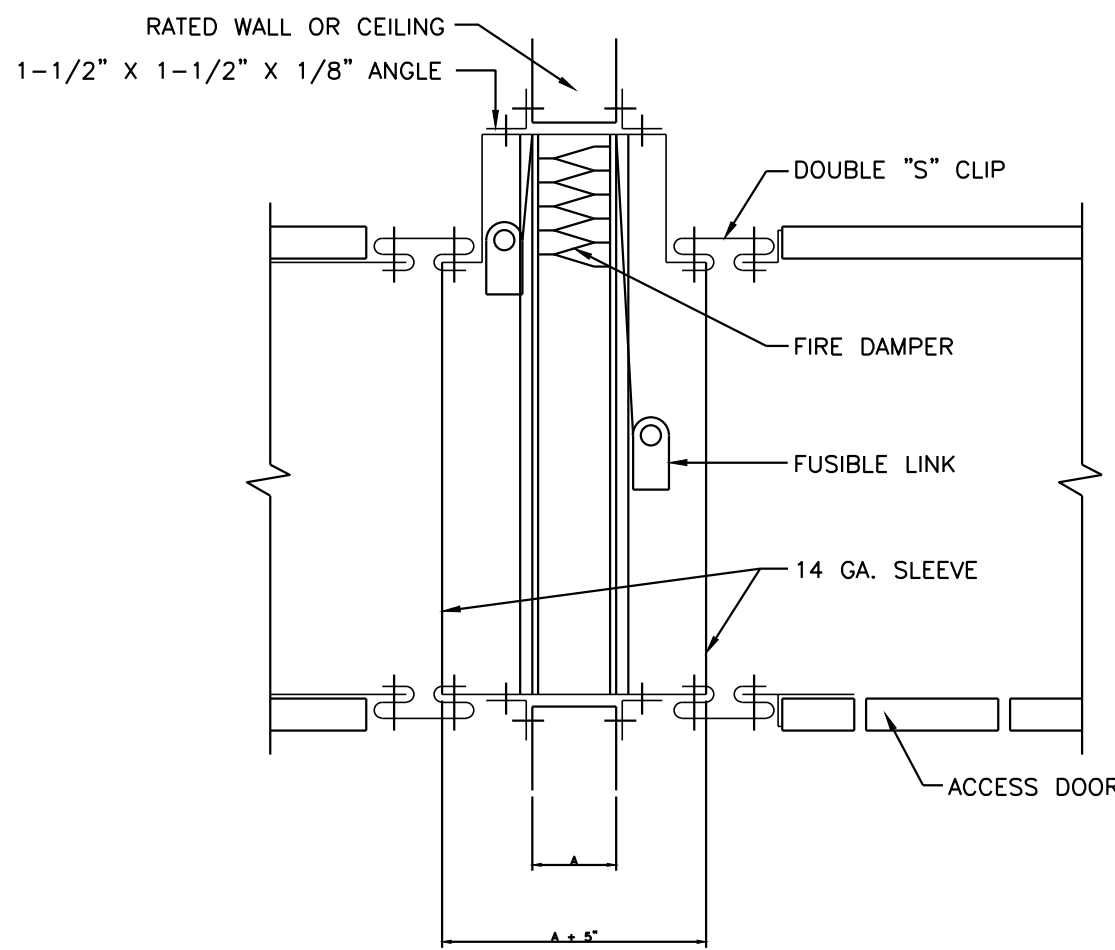
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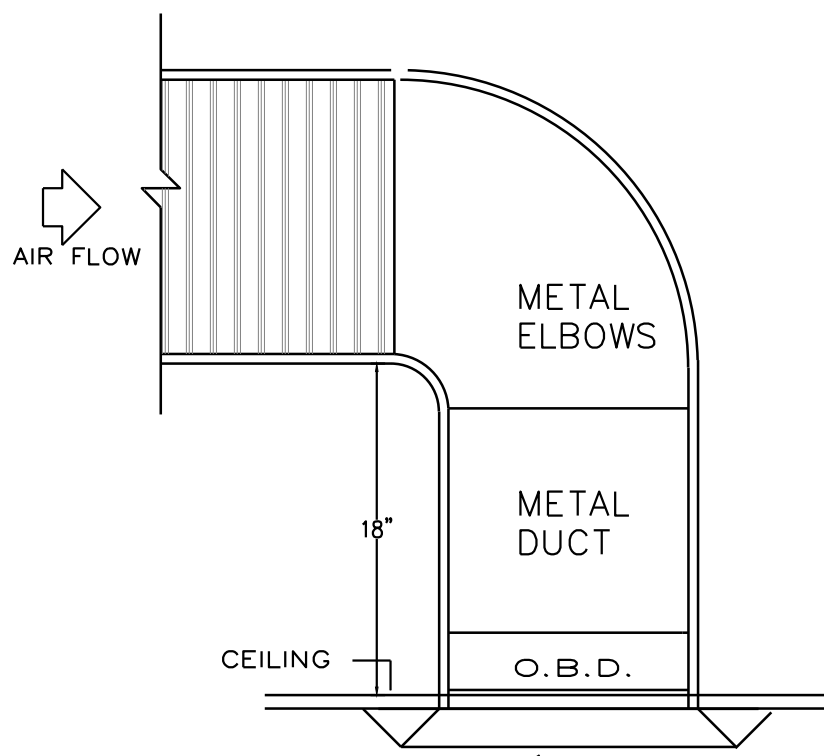
TURNING VANE DETAIL
NO SCALE



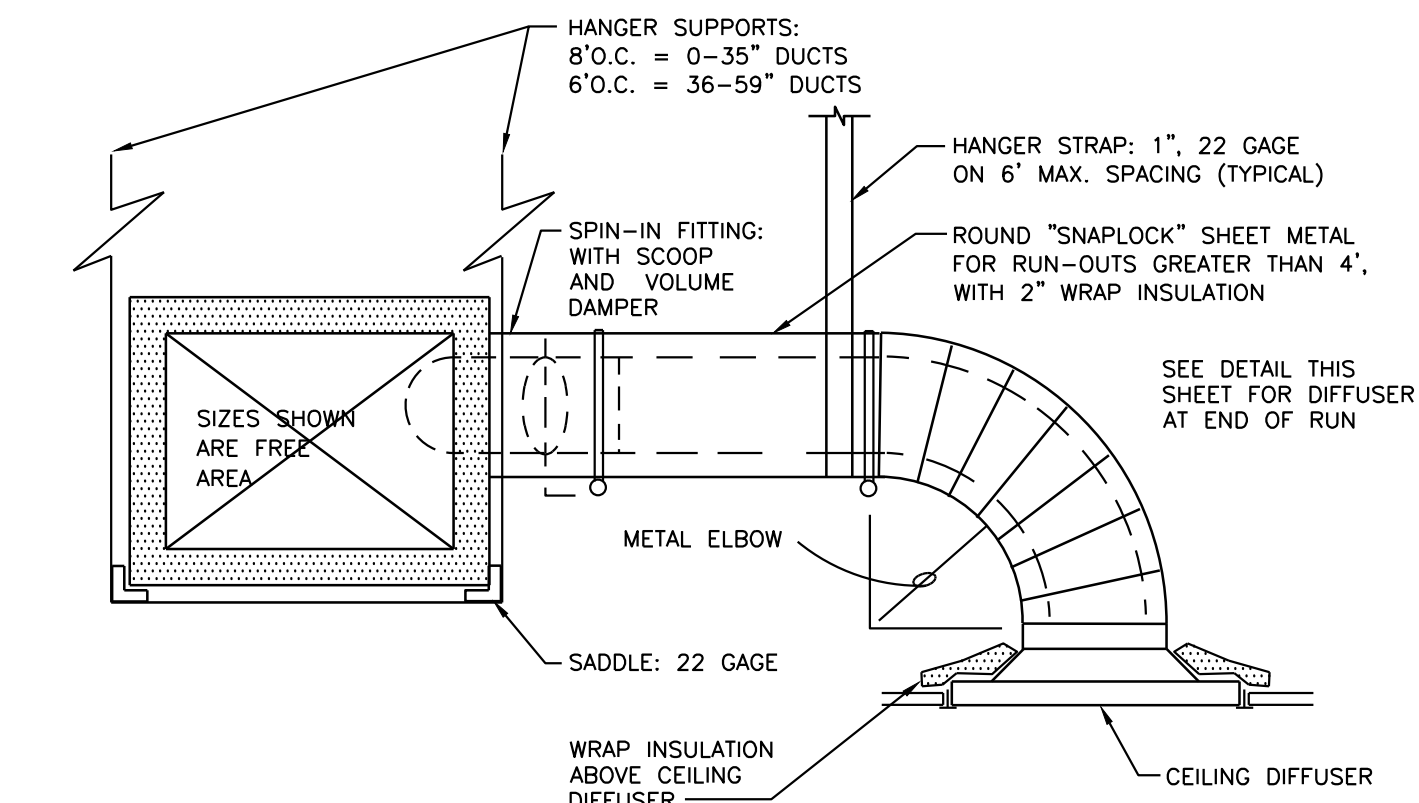
FIRE DAMPER DETAIL
NO SCALE



DIFFUSER AT END OF DUCT
NO SCALE

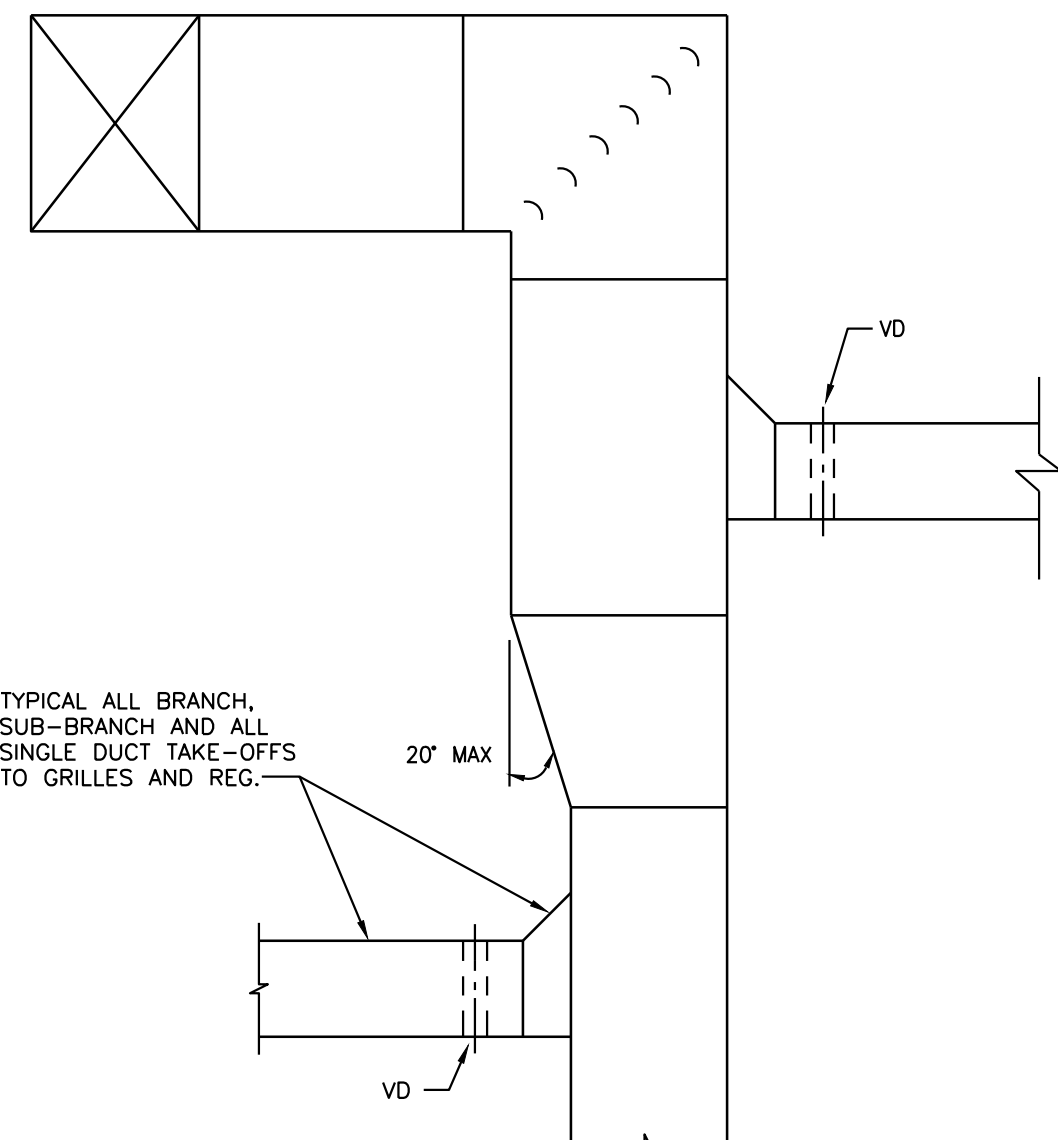


DUCT DETAIL
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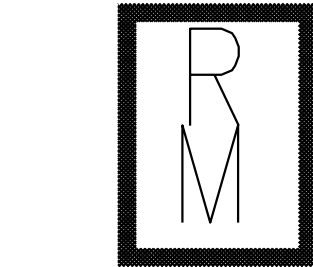
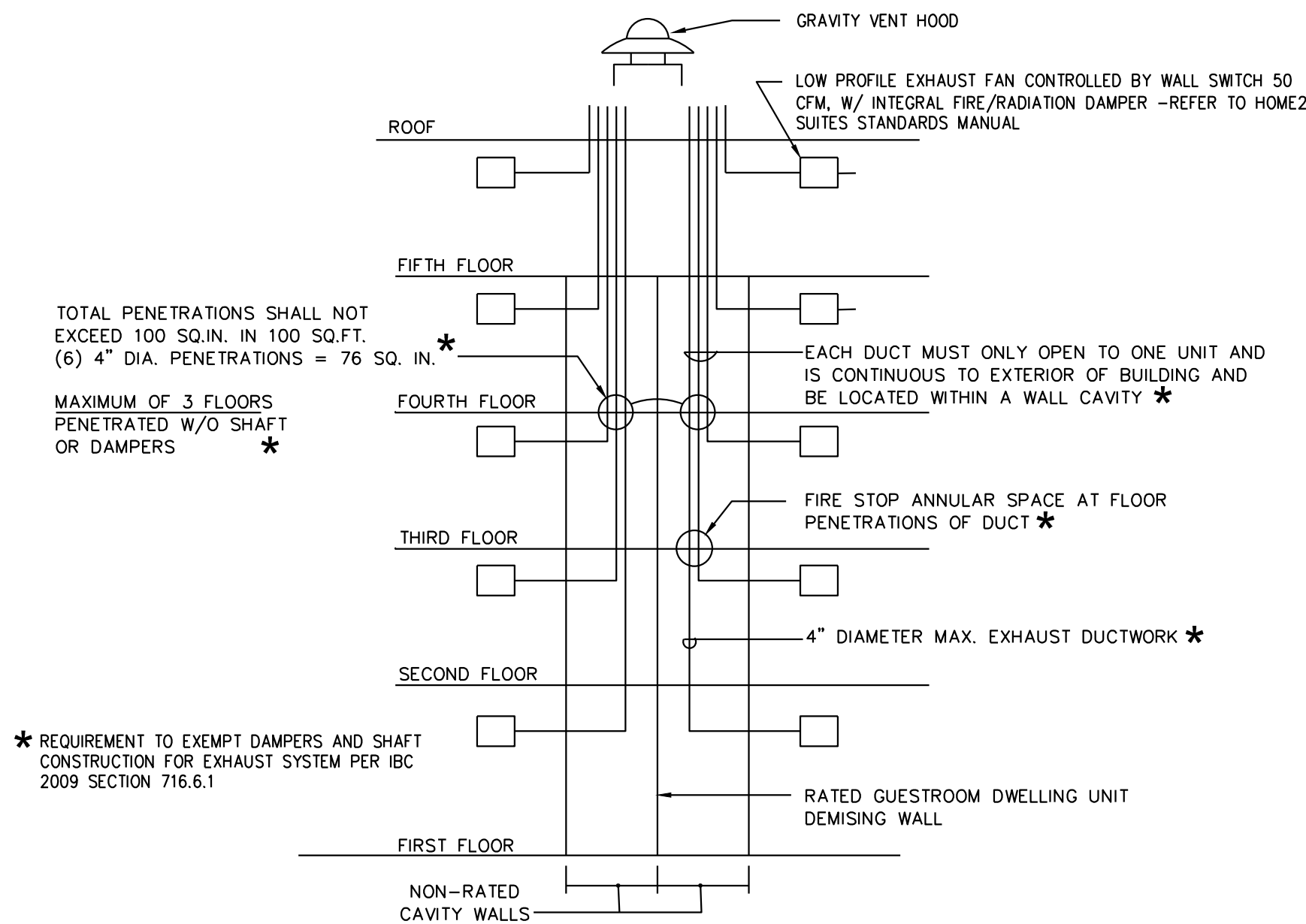


- NOTES:
1. HANGER SUPPORTS SHALL BE AS NOTED ABOVE FOR DUCTS UP TO 24", AND WITH TRAPEZE HANGERS FOR DUCTS 25" AND ABOVE.
 2. ELBOWS SHALL BE SQUARE NECK (SAME IN AND OUT DIMENSION) WITH 2" DOUBLE THICKNESS TURNING VANES.
 3. OFFSETS SHALL NOT EXCEED 30 DEGREE ANGLE, AND SHALL NOT REDUCE THE FREE AREA OF THE DUCT.
 4. TRANSITIONS SHALL NOT EXCEED 1:3 RATIO (4" TRANSITION PER FOOT SINGLE SIDED TRANSITION, AND 8" PER FOOT DOUBLE SIDED TRANSITION).
 5. RECTANGULAR BRANCH CONNECTIONS SHALL BE 45 DEGREE ENTRY TYPE, WITH METAL SLEEVE AND CLINCH LOCK CONNECTION. ENTRY LENGTH SHALL BE 25% OF BRANCH DUCT WIDTH.
 6. ROUND BRANCH DUCT CONNECTIONS SHALL BE WITH "FLEXMASTER" FLDE SPIN-IN FITTINGS, WITH SCOOP, DAMPER AND HANDLE, WHERE ROUND BRANCH DIA. EQUALS VERTICAL DIM. OF DUCT USE FLEXMASTER STO OR STOCK FITTING.
 7. FLEXIBLE ROUND DUCT SHALL INCLUDE: HELIX COIL FLEXIBLE DUCTING, A 1-1/2" BLANKET INSULATION WITH MINIMUM 6.0 R VALUE, AND A ALUMINUM FOIL OUTER VAPOR BARRIER, AND BE UL-181 APPROVED, 25 OR LESS FLAME SPREAD AND 50 OR LESS SMOKE DEVELOPED. EQUAL TO "FLEXMASTER" TYPE 3M.

TYPICAL DUCT
NO SCALE



TYPICAL ROOM EXHAUST DUCT RISER DETAIL
NO SCALE

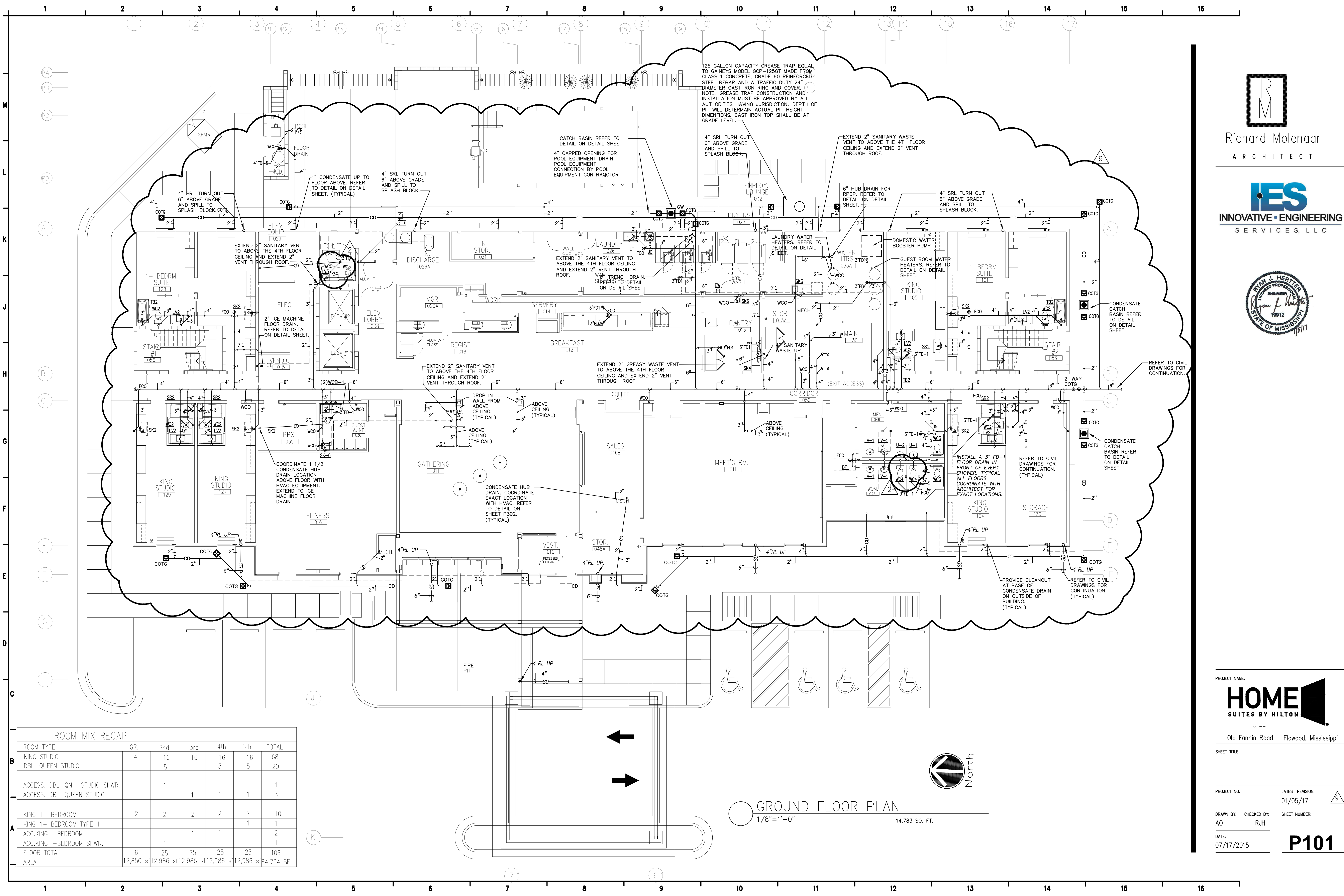


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ROOM MIX RECAP						
ROOM TYPE	GR.	2nd	3rd	4th	5th	TOTAL
KING STUDIO	4	16	16	16	16	68
DBL. QUEEN STUDIO		5	5	5	5	20
ACCESS. DBL. QN. STUDIO SHWR.		1				1
ACCESS. DBL. QUEEN STUDIO			1	1	1	3
KING 1- BEDROOM	2	2	2	2	2	10
KING 1- BEDROOM TYPE III					1	1
ACC.KING 1-BEDROOM			1	1		2
ACC.KING 1-BEDROOM SHWR.		1				1
FLOOR TOTAL	6	25	25	25	25	106
AREA	12,850 SF	12,986 SF	12,986 SF	12,986 SF	12,986 SF	64,794 SF

RM

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PROJECT NAME:

HOME SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:

PROJECT NO.

DATE:

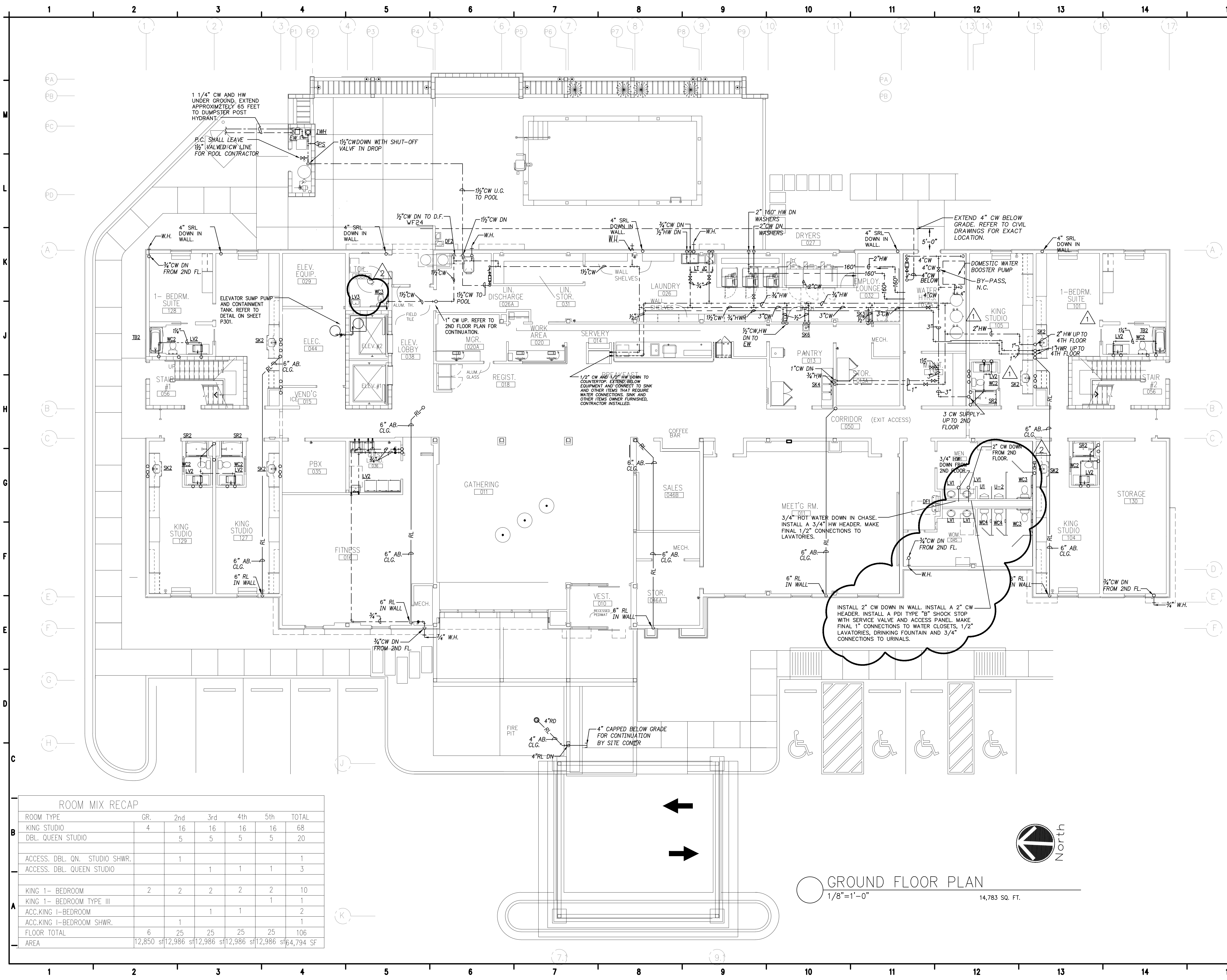
07/17/2015

LATEST REVISION:

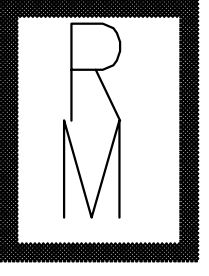
01/05/17

SHEET NUMBER:

P101



ROOM MIX RECAP						
ROOM TYPE	GR.	2nd	3rd	4th	5th	TOTAL
KING STUDIO	4	16	16	16	16	68
DBL. QUEEN STUDIO		5	5	5	5	20
ACCESS. DBL. QN. STUDIO SHWR.		1				1
ACCESS. DBL. QUEEN STUDIO			1	1	1	3
KING 1- BEDROOM	2	2	2	2	2	10
KING 1- BEDROOM TYPE III					1	1
ACC.KING 1-BEDROOM			1	1		2
ACC.KING 1-BEDROOM SHWR.		1				1
FLOOR TOTAL	6	25	25	25	25	106
AREA	12,850 sf	12,986 sf	12,986 sf	12,986 sf	12,986 sf	64,794 SF



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PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:

PROJECT NO.

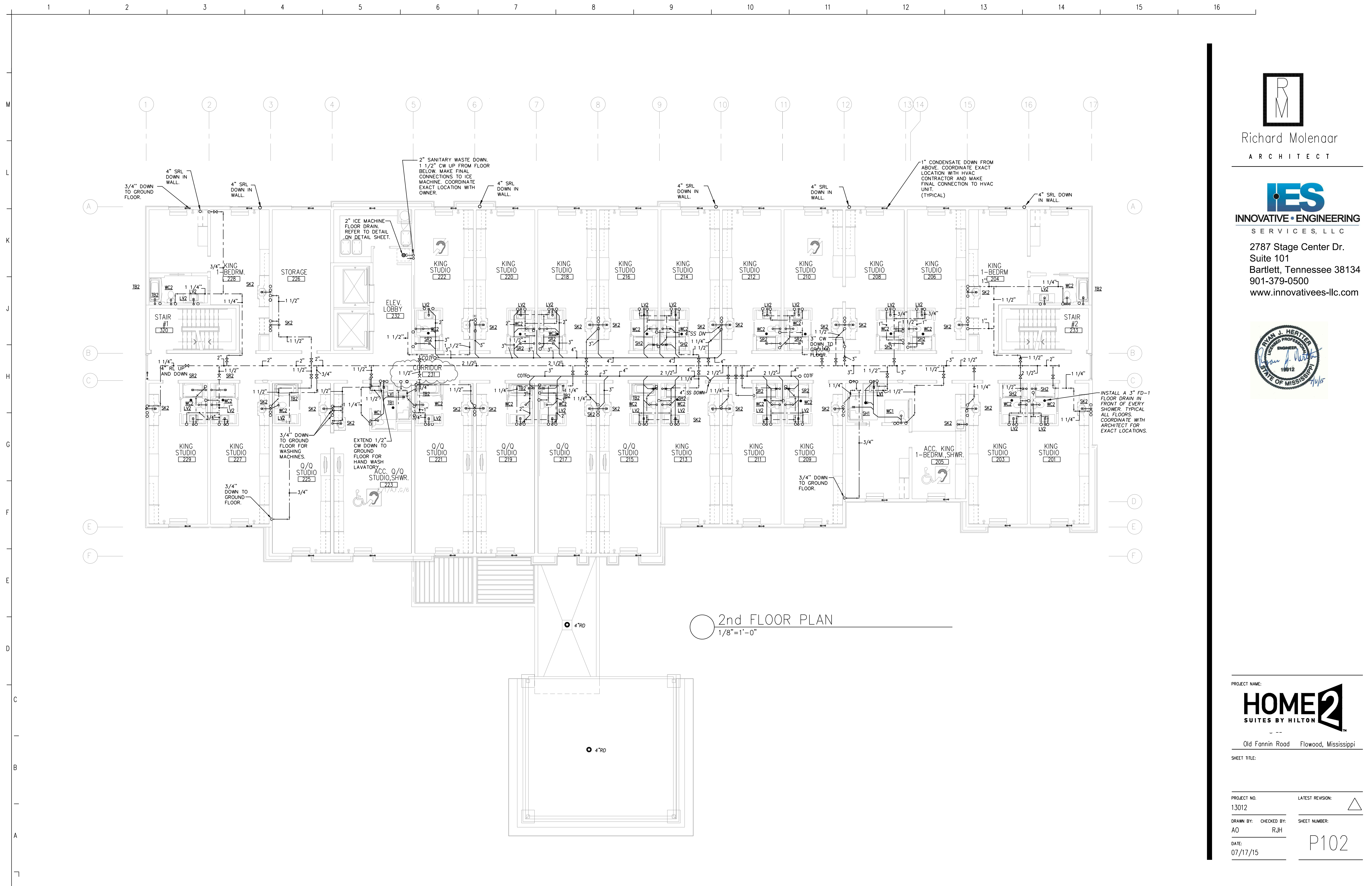
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08/16/2016

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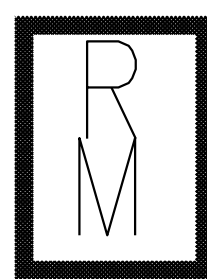
AO RJH

DATE:
07/17/2015

SHEET NUMBER:
P101A



2nd FLOOR PLAN
1/8"=1'-0"



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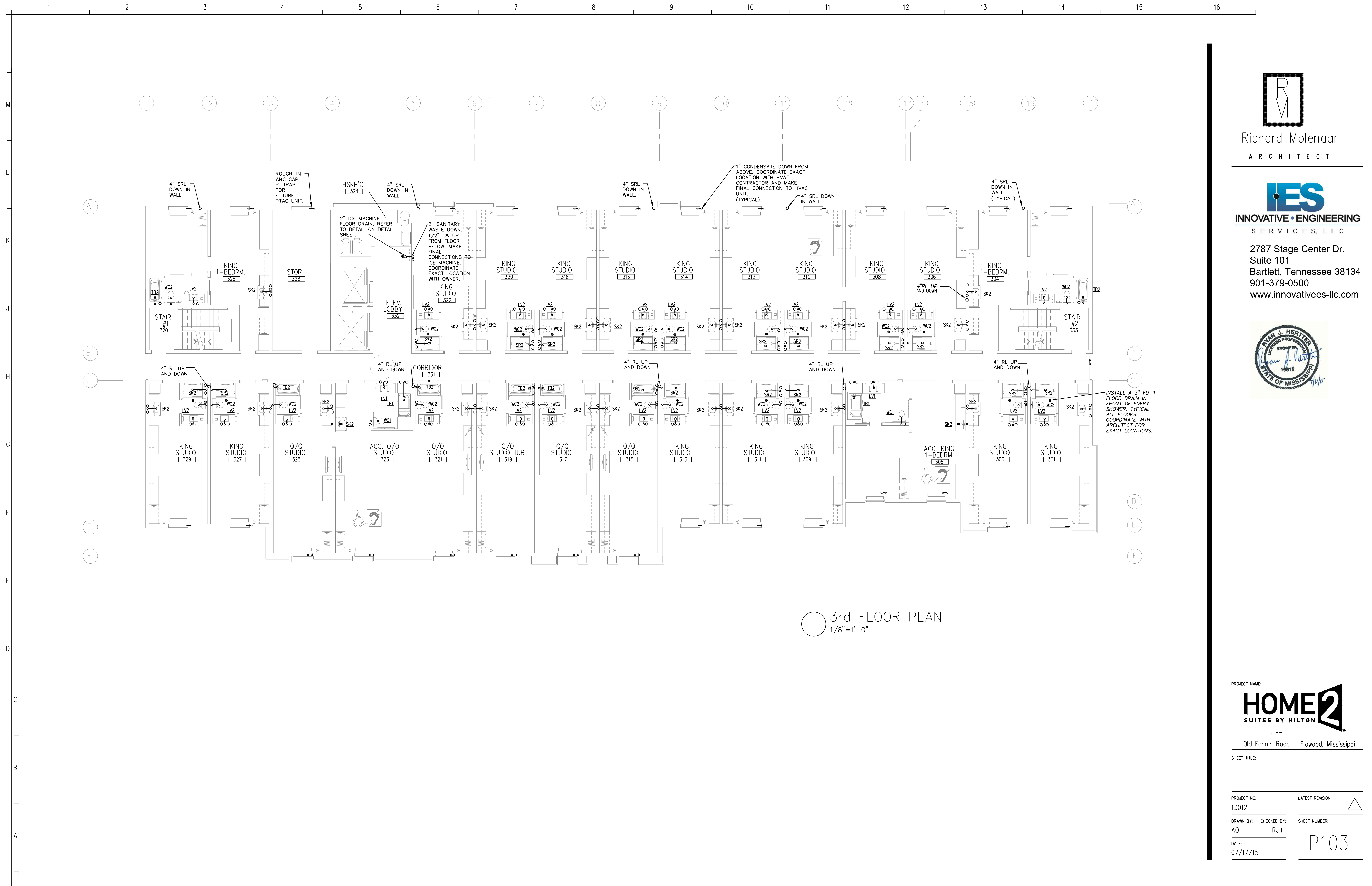
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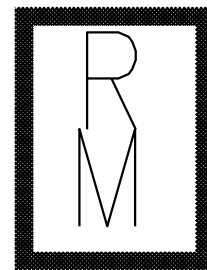
Old Fannin Road Flowood, Mississippi

SHEET TITLE:

PROJECT NO.	13012	LATEST REVISION:	△
DRAWN BY:	AO	CHECKED BY:	RJH
DATE:	07/17/15	SHEET NUMBER:	P102



3rd FLOOR PLAN
1/8"=1'-0"



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SHEET TITLE:

PROJECT NO.
13012

LATEST REVISION:



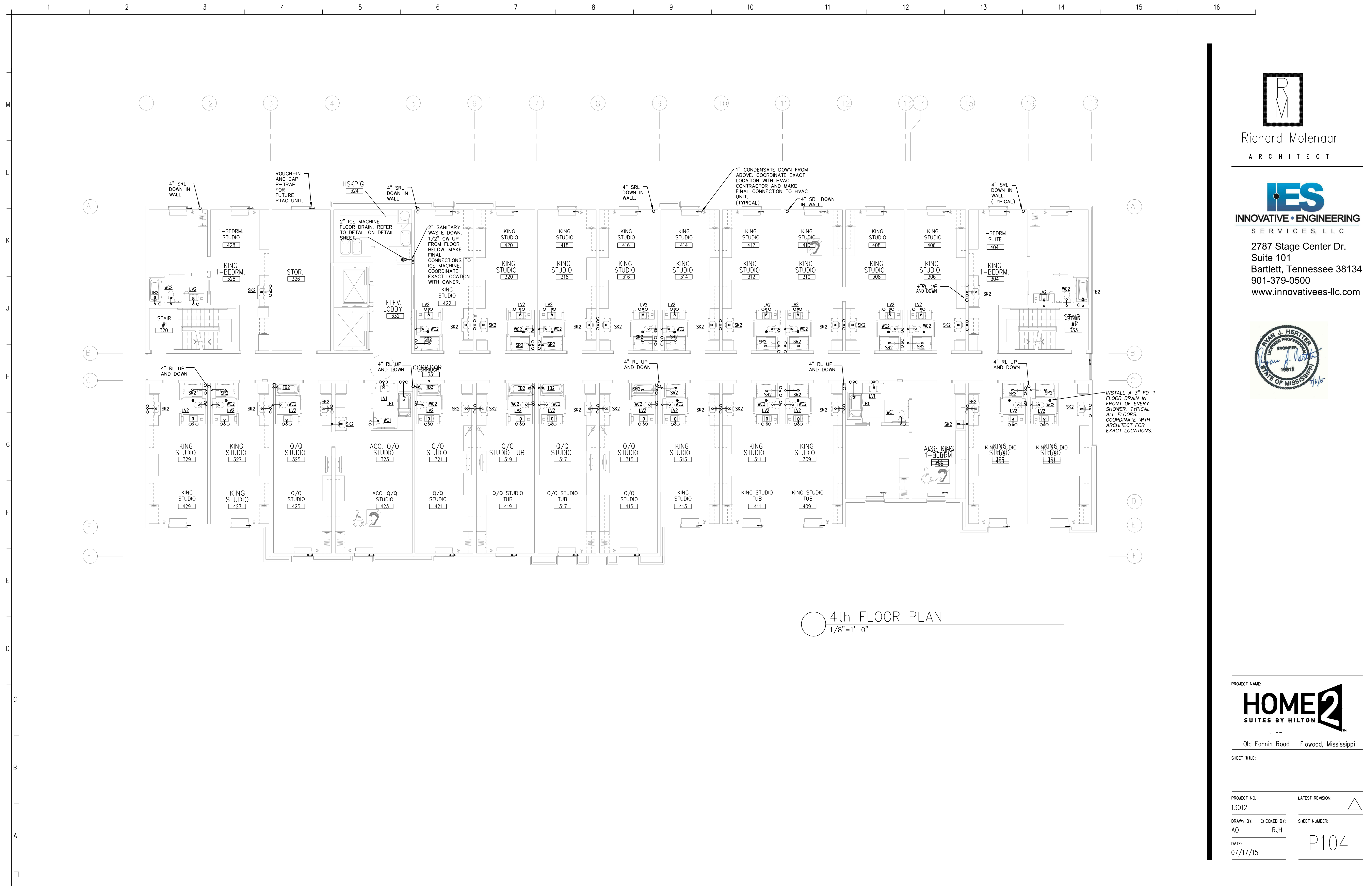
DRAWN BY:
AO

CHECKED BY:
RJH

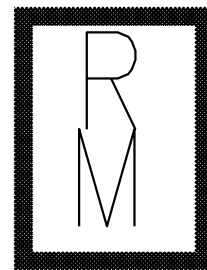
SHEET NUMBER:

DATE:
07/17/15

P103



4th FLOOR PLAN
1/8"=1'-0"



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SHEET TITLE:

PROJECT NO.
13012

LATEST REVISION:

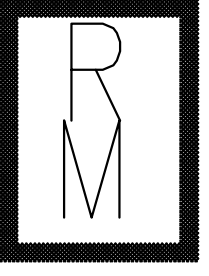
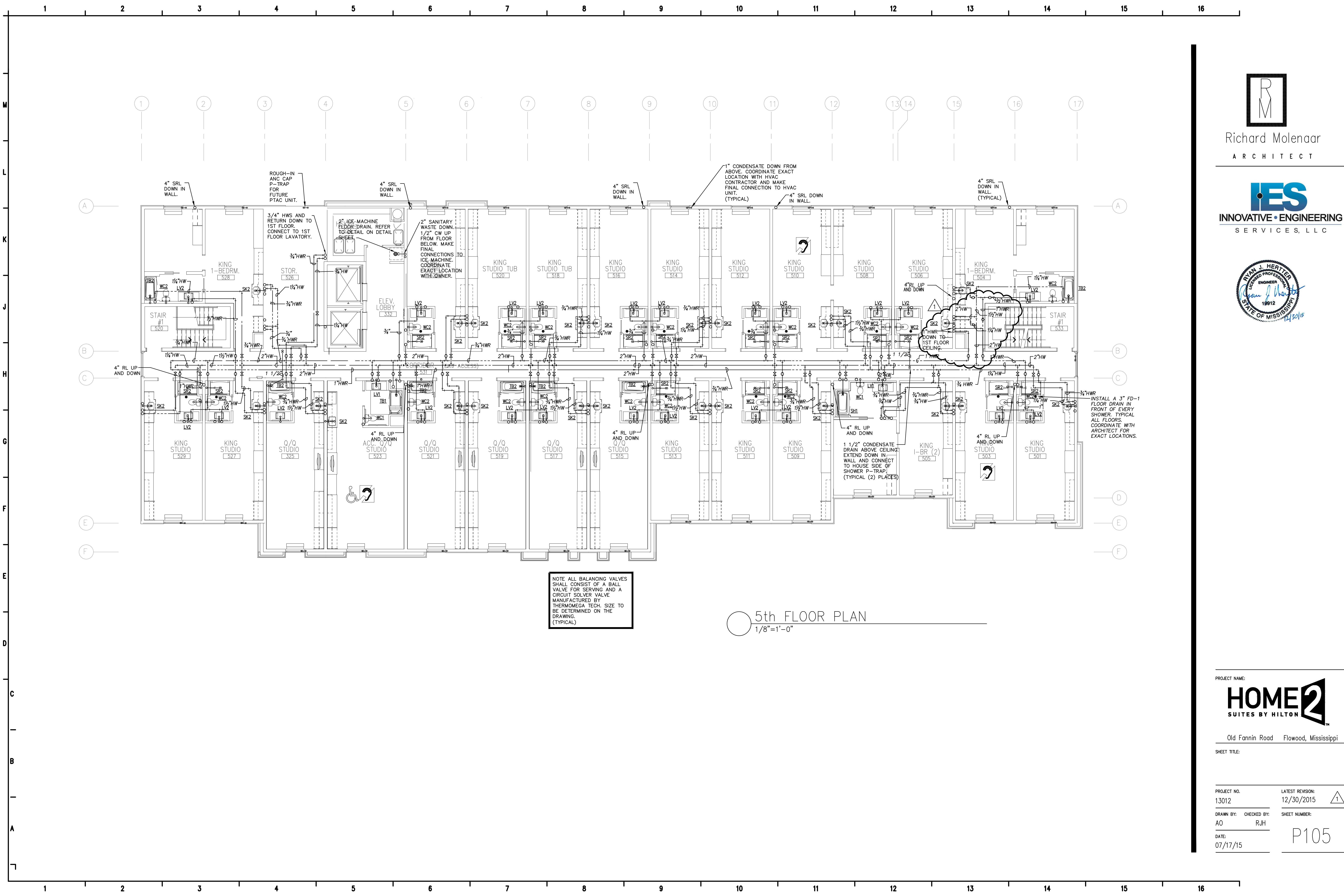
DRAWN BY:
AO

CHECKED BY:
RJH

SHEET NUMBER:

DATE:
07/17/15

P104



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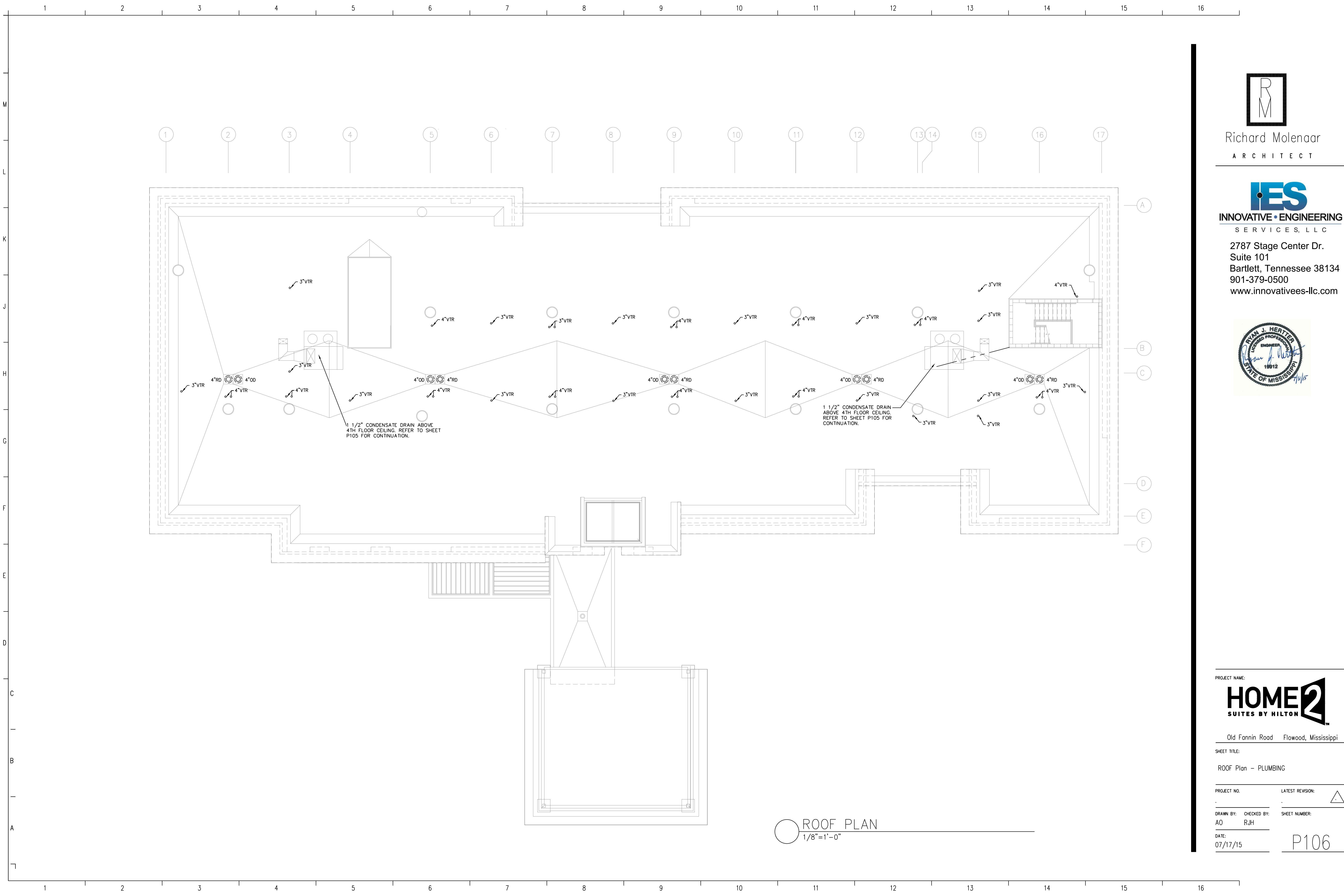


5th FLOOR PLAN
1/8"=1'-0"

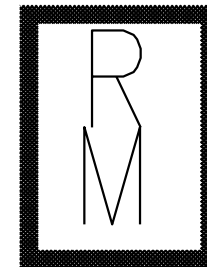
NOTE ALL BALANCING VALVES SHALL CONSIST OF A BALL VALVE FOR SERVING AND A CIRCUIT SOLVER VALVE MANUFACTURED BY THERMOMEGA TECH. SIZE TO BE DETERMINED ON THE DRAWING. (TYPICAL)

PROJECT NAME:
HOME2
SUITES BY HILTON
Old Fannin Road Flowood, Mississippi

SHEET TITLE:	
PROJECT NO. 13012	LATEST REVISION: 12/30/2015
DRAWN BY: AO	CHECKED BY: RJH
DATE: 07/17/15	SHEET NUMBER: P105



ROOF PLAN
1/8"=1'-0"



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PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:

ROOF Plan - PLUMBING

PROJECT NO.

LATEST REVISION:

DRAWN BY:

CHECKED BY:

SHEET NUMBER:

DATE:

07/17/15

P106

DOMESTIC WATER BOOSTER PUMP SCHEDULE

PUMP	MODEL	ELECTRICAL	FLOW	HEAD	PRV	TMPELLER	PUMP PACKAGE
BP-1	6800	10 H.P. 208/3/60	232 GPM	165 FT. H ₂ O	—	—	ARMSTRONG MODEL 6800 VARIABLE SPEED DRIVE

DESIGN ENVELOPE DOMESTIC WATER BOOSTER SYSTEM

PROVIDE AN ARMSTRONG DESIGN ENVELOPE PACKAGED BOOSTER SYSTEM INCLUDING FRAME, PUMPS, MOTORS, PRESSURE TANK, CONTROL PANEL AND PIPING. THE DESIGN ENVELOPE SHALL BE CAPABLE OF SUPPLYING 232.0 USGPM AT 165 FEET OF HEAD.

PUMPS

EACH VERTICAL MULTISTAGE (VMS) PUMP WITH PUMP CHARACTERISTICS WHICH PROVIDE RISING HEADS TO SHUT OFF, SHALL BE SUPPLIED WITH A 10 HP, ODP, 208/3/60, NEMA PREMIUM EFFICIENCY MOTOR AND AN ARMSTRONG UL TYPE-12 ENCLOSURE VARIABLE SPEED DRIVE, WHICH SHALL BE INTEGRATED WITH THE MOTOR. DRIVES SHALL NOT BE ENCLOSED WITHIN THE CONTROL PANEL.

VARIABLE SPEED DRIVES SUPPLIED SHALL HAVE THE FOLLOWING FEATURES: VVC-PWM TYPE PROVIDING NEAR UNITY DISPLACEMENT POWER FACTOR WITHOUT THE NEED FOR EXTERNAL POWER FACTOR CORRECTION CAPACITORS AT ALL LOADS AND SPEEDS, DC LINK CHOKES FOR THE REDUCTION OF MAINS BORNE HARMONIC CURRENTS, UL AND C-UL LISTED & CE MARKED SHOWING COMPLIANCE WITH BOTH THE EMC DIRECTIVE 89/336/EEC AND THE LOW VOLTAGE DIRECTIVE 72/23/EEC, RFI FILTERS INCORPORATED WITHIN THE DRIVE TO ENSURE IT MEETS THE EMISSION AND IMMUNITY REQUIREMENTS OF EN61000-3 TO THE 1ST ENVIRONMENT CLASS C1 (EN5011 UNRESTRICTED SALES CLASS B), DRIVE AND MOTOR PROTECTION SHALL INCLUDE: MOTOR PHASE TO PHASE FAULT, MOTOR PHASE TO EARTH FAULT, LOSS OF SUPPLY PHASE, OVER VOLTAGE, UNDER VOLTAGE, MOTOR OVER TEMPERATURE, INVERTER OVERLOAD, OVER CURRENT.

PUMP SEQUENCING SHALL BE PER THE MANUFACTURERS RECOMMENDATIONS

PLUMBING SPECIFICATIONS

- LICENSED PLUMBING CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED BY LOCAL CODE.
 - WATER SUPPLY SYSTEM AND SEWER SYSTEM SHALL BE PERMITTED AND INSPECTED BY LOCAL AUTHORITIES PRIOR TO BUILDING OCCUPANCY AND PROJECT CLOSEOUT.
 - THE WORK UNDER PLUMBING SECTION SHALL INCLUDE ALL LABOR, SERVICES, MATERIALS, EQUIPMENT, AND PERFORMANCE OF ALL WORK REQUIRED FOR THE INSTALLATION OF ALL PLUMBING WORK, AS SHOWN ON THE DRAWINGS AND HEREIN SPECIFIED.
 - SHOULD THERE BE ANY DISCREPANCIES OR A QUESTION OF INTENT, REFER THE MATTER TO THE ENGINEER FOR A DECISION BEFORE ORDERING ANY EQUIPMENT OR MATERIALS, OR BEFORE STARTING ANY RELATED WORK.
 - WHERE WORK CONNECTS TO THAT OF ANOTHER TRADE OR TO PIPING OR EQUIPMENT IN PLACE, FIELD MEASUREMENTS SHALL BE MADE TO MAKE CONNECTING WORK COME TRUE AND LINE UP WITH THE ITEM BEING CONNECTED.
 - WHERE WORK OF OTHER TRADES CONNECTS TO EQUIPMENT WHICH IS A PART OF THIS TRADE PROVIDE PROPER CONNECTION(S) TO SUCH EQUIPMENT.
 - MINOR ITEMS AND ACCESSORIES OR DEVICES REASONABLY INFERRED AS NECESSARY TO THE COMPLETE AND PROPER INSTALLATION AND OPERATION OF ANY SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR FOR SUCH SYSTEM, WHETHER OR NOT THEY ARE SPECIFICALLY CALLED FOR BY THE SPECIFICATIONS OR DRAWINGS.
 - CAREFULLY CHECK AND COORDINATE THE LOCATION AND LEVEL OF ALL PIPES, DUCTS, ETC. RUN PRELIMINARY LEVELS AND CHECK WITH ALL OTHER CONTRACTORS SO THAT CONFLICTS IN ALL LOCATIONS MAY BE AVOIDED.
 - ALL WORK SHALL BE EXECUTED AND INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL FEDERAL, STATE, AND LOCAL CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS, AND OSHA REQUIREMENTS APPLICABLE TO THE PARTICULAR CLASS OF WORK. ALL PERMITS AND FEES FOR PLUMBING WORK SHALL BE PAID BY PLBG. CONTRACTOR AND SHALL BE INCLUDED IN HIS BID.
 - THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS ON THE JOB IN ORDER THAT THERE BE NO DELAY IN THE PROPER INSTALLATION AND COMPLETION OF SEVERAL PARTS OF THE WORK. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF HIS WORK WITH THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND ALL OTHER TRADES ON THE JOB, AND SHALL FIT HIS WORK TO AVOID INTERFERENCE. ANY RELOCATIONS OF DUCTWORK, EQUIPMENT, PIPING, VALVES, ETC., REQUIRED BECAUSE OF AN INTERFERENCE SHALL BE MADE AT THIS CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COST TO THE OWNER.
 - ALL PIPE, TUBE, AND FITTINGS SHALL COMPLY WITH LATEST ISSUED CODE AND STANDARDS, UNLESS INDICATED OTHERWISE BY LOCAL CODES.
 - WELDING PROCEDURES, WELDERS, AND OPERATORS SHOULD BE CERTIFIED IN ACCORDANCE WITH ASME B 31.1, OR ASME B 31.9, AS APPLICABLE, FOR SHOP AND PROJECT SITE WELDING OF PIPE WORK.
 - CERTIFY WELDING OF PIPING WORK USING STANDARD PROCEDURE SPECIFICATIONS BY, AND WELDERS TESTED UNDER SUPERVISION OF, NATIONAL CERTIFIED PIPE WELDING BUREAU (NCPWB).
 - WHERE PLASTIC PIPING IS INDICATED TO TRANSPORT POTABLE WATER, PROVIDE PIPES AND PIPE FITTINGS BEARING APPROVAL LABEL BY NATIONAL SANITATION FOUNDATION (NSF).
 - COPPER TUBE AND FITTINGS
 - COPPER TUBE: ASTM B 88 TYPE (WALL THICKNESS), AS INDICATED, FOR EACH SERVICE; HARD-DRAWN OR SOFT-DRAWN TEMPER, AS INDICATED, EXCEPT AS OTHERWISE INDICATED.
 - CAST COPPER SOLDER JOINT FITTINGS: ANSI B16.18.
 - WROUGHT COPPER SOLDER JOINT FITTINGS: ANSI B16.22.
 - BRASS PIPE FITTINGS
 - RED BRASS PIPE: ASTM B 43 IN REGULAR WEIGHT.
 - CAST BRONZE THREADED FITTINGS: ANSI B16.15, CLASS 150, OR 250, AS REQUIRED.
 - CAST BRONZE THREADED FITTINGS: ASTM B 61.
 - PLASTIC PIPES AND PIPE FITTINGS
 - POLYVINYL CHLORIDE PIPE (PVC): ASTM D 1785, IN SCHEDULE WEIGHT, AS INDICATED ON THE DRAWINGS.
 - POLYVINYL CHLORIDE WATER PIPE (PVC): AWWA C 900 IN
 - POLYVINYL CHLORIDE SEWER PIPE (PVC): ASTM D 2729.
 - POLYVINYL CHLORIDE DRAIN, WASTE, AND VENT PIPE (PVC-DWV): ASTM D 2665.
 - POLYVINYL CHLORIDE TYPE PSM SEWER PIPE: ASTM D 3034.
 - PVC FITTINGS:
 - SCHEDULE 40 SOCKET: ASTM D 2466
 - SCHEDULE 80 SOCKET: ASTM D 2467
 - SCHEDULE 80 THREADED: ASTM D 2464
 - DWV SOCKET: ASTM D 2665
 - SEWER SOCKET: ASTM D 2729
 - SOLVENT CEMENT: ASTM D 2564
 - SOLVENT CEMENT (TO JOIN PVC TO ABS): ASTM D 3138
- INSULATION:
 - MANUFACTURERS
 - ARMACELL INTERNATIONAL OR APPROVED EQUAL
 - INSULATE STORM DRAIN, OVERFLOW DRAIN, CONDENSATE DRAIN, DOMESTIC COLD, HOT AND HOT WATER RETURN PIPING SYSTEMS WITH ARMACELL INTERNATIONAL; HOT, AIR-ARMALUX OR APPROVED EQUAL, 4.2 PER INCH R VALUE, PREFORMED FLEXIBLE ELASTOMERIC CLOSED-CELL RUBBER INSULATION COMPLYING WITH ASTM C 534 TYPE 1, USE MOLDED TUBULAR MATERIAL WHEREVER POSSIBLE AND HAVE WATERPROOF VAPOR BARRIER ADHESIVE, INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - INSULATE ENTIRE SYSTEM INCLUDING FITTINGS, VALVES, UNIONS, FLANGES, STRAINERS, FLEXIBLE CONNECTIONS, PUMP BODIES, AND EXPANSION JOINTS, USE OVERSIZED HANGERS TO ALLOW THE INSULATION TO PASS THROUGH THE HANGER WITHOUT CUTTING OR PIERCING. MAINTAIN A CONTINUOUS VAPOR BARRIER.
 - INSULATION SHALL BE APPLIED TO THE FOLLOWING PIPING SYSTEM WITH THICKNESS AS INDICATED:
 - PIPING SYSTEM, PIPE SIZE, THICKNESS
 - DOMESTIC COLD WATER, ALL SIZES, 1/2" DOMESTIC HOT WATER, 2" AND SMALLER, 1"
 - FURNISH AND INSTALL ZESTON 2000 OR PROTO PVC INSULATED FITTING COVERS ON ALL PIPE FITTINGS, FLANGES, VALVES, AND PIPE TERMINATIONS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - PIPE INSULATION SHALL RUN CONTINUOUS THROUGH NON-RATED WALLS AND PARTITIONS, EXCEPT WHERE PIPE PASSES THROUGH FIRE RATED WALLS. PENETRATION OF FIRE RATED WALLS SHALL BE ACCOMPLISHED BY MEANS OF FIRE RATED PIPE PENETRATIONS, AS DETAILED BY U.L.
 - SANITARY SEWER UNDERGROUND INSIDE BUILDING CAST IRON. (OWNERS MAY DIRECT USE OF PVC INSTEAD OF CAST IRON AT THEIR OWN RISK.) SANITARY SEWER SHALL BE DWV SCHEDULE 40 PVC AS ALLOWED BY SANITARY SEWER ABOVE FLOOR MAY BE SCH 40 SOLID CORE PVC DEPENDING ON CODES. CELLULAR CORE PVC PIPING IS NOT ACCEPTABLE.
 - SANITARY SEWER OUTSIDE THE BUILDING MAY BE DWV SCHEDULE 40 PVC AS ALLOWED BY LOCAL CODE.
 - GENERAL CONTRACTOR WILL PROVIDE OPENINGS IN ROOF, FLOORS AND EXTERIOR WALLS FOR PLUMBING EQUIPMENT AND PIPE PENETRATIONS.
 - INSULATE ALL ABOVE GRADE DOMESTIC WATER PIPE AND COLD CONDENSATE DRAIN PIPES.
 - SHOCK ABSORBERS (SA) SHALL BE MADE #10, WATTS #SG-050, OR EQUAL.
 - WALL HYDRANTS SHALL BE WATTS #HY-420, OR EQUAL.
 - DOMESTIC WATER PIPING BELOW GRADE SHALL BE TYPE "K" SOFT DRAWN COPPER PIPE WRAPPED WITH VINYL TAPE. NO JOINTS BELOW FLOOR SLAB.
 - DOMESTIC WATER PIPING ABOVE GRADE SHALL BE HARD DRAWN TYPE "L" COPPER WITH WROUGHT SWEAT SOLDER JOINTS OR COMBINED COPPER-PEX-A SYSTEM PER HILTON HOTEL STANDARD SPECIFICATIONS.
 - VALVES SHALL BE FULL PORT BALL VALVES. NIBCO, OR EQUAL.
 - SEISMIC RESTRAINTS (WHERE REQUIRED BY CODE)
 - THIS CONTRACTOR SHALL PROVIDE SEISMIC RESTRAINTS FOR PLUMBING PIPING AND EQUIPMENT IN ACCORDANCE WITH THE STANDARD BUILDING CODE 1997, SECTION 1607.
 - PROVIDE TRANSVERSE AND LONGITUDINAL BRACING AS FOLLOWS UNLESS INDICATED OTHERWISE BY LOCAL CODE.
PIPE SIZE: 1" 1 1/4" 1 1/2" 2" 2 1/2" 3" 4" 6" 8"
MAX. TRANSVERSE SPACING (FT.): 14 16 18 20 24 26 28 34 38
MAX. LONGITUDINAL SPACING (FT.): 28 32 36 44 48 52 56 68 76
SOIL PIPING WITH NO HUB AND BELL AND SPIGOT CAST IRON SOIL PIPE SHALL HAVE TRANSVERSE BRACING 10'-0" O.C. MAXIMUM AND LONGITUDINAL BRACING 20'-0" O.C. MAXIMUM.
 - PLUMBING CONTRACTOR SHALL PROVIDE SEISMIC RESTRAINT CALCULATIONS FOR PLUMBING PIPING AND EQUIPMENT CONNECTED TO THE BUILDING STRUCTURE. CALCULATIONS MUST BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE JOB LOCATION.
 - SEISMIC RESTRAINT MATERIALS SHALL BE AS MANUFACTURED BY MASON INDUSTRIES, B-LINE SYSTEMS OR AN APPROVED EQUAL.
 - PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROVIDED WITH U.L. FIRE RATED PIPE SLEEVE ASSEMBLIES AND SEALED AS REQUIRED BY LOCAL AND STATE CODES AND ORDINANCES.
 - PIPE PENETRATIONS THROUGH SMOKE BARRIERS (1 HOUR FIRE RESISTANT RATING REQUIRED FOR SMOKE BARRIERS) SHALL BE PROVIDED WITH U.L. FIRE RATED PIPE SLEEVE ASSEMBLIES AND SEALED AS REQUIRED BY LOCAL AND STATE CODES AND ORDINANCES.
 - PIPE PENETRATIONS THROUGH SMOKE PARTITIONS SHALL BE SEALED TO PREVENT PASSAGE OF SMOKE AS REQUIRED BY LOCAL AND STATE CODES AND ORDINANCES.
 - IF PVC DRAINAGE PIPE IS USED ABOVE GUEST ROOMS OR ANY OTHER PUBLIC AREA, THE PIPES SHALL BE IN INSULATED FOR SOUND CONTROL.
 - PLUMBING CONTRACTOR SHALL HAVE IN POSSESSION A COPY OF "FURNISHINGS & CONSTRUCTION STANDARDS" FOR USE BY HOME2 SUITES BY HILTON HOTEL, LATEST EDITION AND COMPLY WITH DIRECTIVE, UNLESS INSTRUCTED OTHERWISE BY OWNER.

DOMESTIC HW CIRCULATOR PUMP SCHEDULE

MARK	GPM	HEAD	MOTOR	REMARKS
CP-1	10 GPM	25 FT. H ₂ O	1/6 H.P. 115/1/60	GRUNDFOS MODEL #UP-26-99BF

PLUMBING FIXTURE SCHEDULE (CONT.)

MARK	FIXTURE	SOIL	WASTE	VENT	H.W.	C.W.	REMARKS
DW	GUEST ROOM DISHWASHER (BY OWNER)	—	1"	—	1/2"	—	OWNER TO FURNISH DISHWASHERS FOR GUEST ROOMS. CONTRACTOR TO INSTALL WITH HW CONNECTION AND DRAIN CONNECTION TO DISPOSAL UNIT AT THE KITCHEN SINK, PROVIDE HW SHUT-OFF VALVE.
KDW	KITCHEN DISHWASHER IN PANTRY (BY OWNER)	—	2"	1 1/2"	3/4"	—	OWNER TO FURNISH DISHWASHER IN PANTRY, CONTRACTOR TO INSTALL WITH HW CONNECTION AND DRAIN CONNECTION AS REQUIRED BY LOCAL CODES.
WH	INSTANTANEOUS WATER HEATER	—	—	—	1/2"	1/2"	EEMAX #EX012240T, 120 VOLT, 11.5 KW, 48 AMPS, 31° TEMP. RISE @ 2.5 GPM.

* SHOWER HEADS IN ALL TUBS AND SHOWERS SHALL BE LOCATED 6"-6" ABOVE FLOOR OF TUBS AND SHOWERS. THIS DISTANCE IS FROM FLOOR OF TUB OR SHOWER TO THE LOWEST PART OF THE SHOWER HEAD.

NOTE: ALL EXPOSED WATER AND DRAIN PIPING AT FIXTURES SHALL HAVE CHROME FINISH.

- PROVIDE 1.8 GPM FLOW SHOWER HEADS ON ALL SHOWERS AND 0.5 GPM FLOW RESTRICTORS ON ALL LAVATORIES, OR PER CODE, IF MORE RESTRICTIVE.
- INSULATE ALL TRAPS AND SUPPLIES ON HANDICAPPED LAVATORIES WITH TRUEBOR, INC. MODEL #102W OR #105W.
- MOUNT ALL HANDICAPPED FIXTURES AT HEIGHT AS REQUIRED BY CODES & PER ARCHITECTURAL DETAILS, ADVISE ARCHITECT IF CONFLICTS OCCUR BETWEEN CODES AND PLANS.
- VERIFY CODE SPACE REQUIREMENTS PRIOR TO INSTALLATION OF PIPING AND FIXTURES.
- ALL FIXTURES ARE WHITE OR STAINLESS STEEL, UNLESS NOTED OTHERWISE.
- VERIFY THAT ALL SINKS WILL FIT INTO COUNTERTOP SPACE PRIOR TO ORDERING SAME.
- WALL OUTLET ROUGH-IN FOR SHOWER HEADS SHALL BE LOCATED 6"-11" ABOVE THE CONCRETE SLAB, MOUNT BOTTOM OF ALL SHOWER HEADS AT 6"-6" HEIGHT ABOVE TUB FLOOR, PER ARCHITECTURAL DRAWINGS.
- WATER SUPPLY FOR TANK WATER CLOSETS SHALL BE ROUGHED-IN AT 10" A.F.F.
- MOUNT THE BOTTOM OF THE HAND HELD SHOWER SLIDE BARS AT 42" ABOVE FLOOR.
- ALL SHOWER AND TUB VALVES SHALL HAVE BUILT-IN STOPS.
- PROVIDE HOT AND COLD WATER INDICATORS AT ALL FAUCETS, (BATHTUBS, SINKS ETC).
- ALL FIXTURES SHALL HAVE INDIVIDUAL SHUT OFF VALVES.
- ALL SUBSTITUTIONS SHALL BE SUBMITTED TO HOME2 SUITES PRIOR TO ORDERING, FOR APPROVAL.
- THE MAXIMUM WATER TEMPERATURE DELIVERED TO THE GUEST ROOMS, SHALL NOT EXCEED 110° F.
- THE TEMPERATURE LIMIT STOP SCREW ON BATHTUBS, SHOWERS AND LAVATORY FAUCETS, SHALL BE SET AT A MAXIMUM TEMPERATURE OF 110° F.
- MOEN FAUCETS SHALL BE CONSIDERED AS EQUAL, IF OWNER AND HOME2 APPROVE SAME.

ROOF DRAIN SCHEDULE

MARK	BODY	DOME OR STRAINER	REMARKS
3RD #1	C.I.	CAST IRON DOME WITH FLOOR DRAIN ASSEMBLY	J.R. SMITH #1085-R-C-WR2 RAINTRNOL ROOF DRAIN WITH SLUMP RECEIVER, AND UNDER DECK CLAP WITH TWO WEIR OPENING PER DRAIN

GAS FIRED WATER HEATER SCHEDULE

MARK	TYPE	STORAGE	RECOVERY	BTU/HR	REMARKS
* GWH-1 THRU GWH-6	GAS-FIRED POWER BURNER SEALED COMBUSTION SYSTEM	100 GALLON EACH	270 GPM @ 110°F RISE	NATURAL GAS 199,000 BTU/HR	STATE SUS100-199NE WITH 3" PVC AIR INTAKE, 3" EXHAUST THROUGH EXTERIOR WALL.

* INSTALL A TRI-FLO MANIFOLD KIT PER MANUFACTURERS WRITTEN INSTRUCTIONS. (GAS PIPING BY HVAC AND ELECTRICAL CONNECTIONS BY ELECTRICAL).
ET-1 EQUAL TO WATTS DETA 100 ASME THERMAL EXPANSION TANK.
WX-1 EQUAL TO LEONARD 2" HIGH-LOW MIXING VALVE WITH A MINIMUM FLOW OF 1/2 GPM.

FLOOR DRAIN SCHEDULE

MARK	BODY	GRATE OR STRAINER	REMARKS
FD #1	C.I.	7" DIA. NICKEL BRONZE	J.R. SMITH #3510-F1107NB-PO50 WITH TRAP PRIMER CONNECTION
FD #2	C.I.	7" DIA. NICKEL BRONZE	J.R. SMITH #2005-A07NB-PO50 WITH TRAP PRIMER CONNECTION
FD #3	C.I.	7" DIA. NICKEL BRONZE STRAINER WITH 4" FUNNEL	J.R. SMITH #3510-F1107NB-PO50 WITH 4" FUNNEL DRAIN
FD #4	C.I.	7" DIA. NICKEL BRONZE RECESSED ANTI-FLOOD RIM.	J.R. SMITH #2005-F37-NB
FD #5	C.I.	8" C.I. TRACTOR GRATE WITH SEDIMENT BUCKET	J.R. SMITH #2120-B
FD #6	C.I.	STAINLESS STEEL SCREEN DOME	J.R. SMITH #2671-G4

NOTE: FURNISH ALL FLOOR DRAINS WITH DEEP SEAL TRAPS.

PLUMBING HYDRANT SCHEDULE

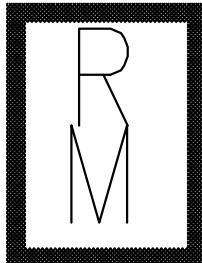
MARK	DESCRIPTION	SOIL	WASTE	VENT	CW	HW	REMARKS
WH	NON FREEZE HOSE BIBB	—	—	—	3/4"	—	ZURN NO. Z-1310, WITH INTEGRAL VACUUM BREAKER, SELF DRAINING, LOOSE KEY OPERATING HANDLE.

TRENCHING AND BACKFILLING:

- TRENCHES SHALL HAVE 12" MINIMUM AND 24" MAXIMUM CLEARANCE ON ALL SIDES.
- UNIFORM SLOPE SO THAT THE PIPING IS UNIFORMLY SUPPORTED THROUGHOUT ITS ENTIRE LENGTH OF UNDISTURBED SOIL. WHEN NECESSARY, TRENCHES SHALL BE UNDERCUT TO A DEPTH REQUIRED TO REACH STABLE SOIL AND FILLED TO THE FLOW LINE DEPTH WITH COMPACTED SAND.
- MATERIAL AND CLOSDS, BACKFILL AND TAMP IN 4" LAYERS TO A HEIGHT AT LEAST 2" ABOVE PIPE. THE REMAINDER OF BACKFILL SHALL BE BROUGHT TO GRADE AND COMPACTED TO DENSITY OF SURROUNDING SOIL.

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	SOIL	WASTE	VENT	H.W.	C.W.	REMARKS
WC1	HANDICAP WATER CLOSET GUEST ROOM	3"	—	2"	—	1/2"	STERLING #402088 "ROCKTON" TWO PIECE ELONGATED DUAL FLUSH WATER CLOSET ADA COMPLIANT, 1.1 GPF, BEMIS #1900SS, STAINLESS STEEL BOLTS, SELF SUSTAINING HINGE, ELONGATED CLOSED SEAT, WITH COVER, CLOSET BOLTS, AND COMPRESSION STOPS.
WC2	WATER CLOSET	3"	—	2"	—	1/2"	STERLING #402022 "ROCKTON" TWO PIECE ELONGATED DUAL FLUSH WATER CLOSET 1.6 GPF, BEMIS #1900SS, SELF SUSTAINING ELONGATED SEAT AND COVER, CLOSET BOLTS AND COMPRESSION STOPS.
WC3	HANDICAP WATER CLOSET PUBLIC AREA	3"	—	2"	—	1"	KOHLER K-4405, ADA, ELONGATED FLOOR MOUNTED WATER CLOSET, K-13517 MANUAL, 1.28 GPF, WC FLUSHOMETER FLUSH VALVE BEMIS 9400SSCT, SELF SUSTAINING STAINLESS STEEL CHECK HINGE, OPEN FRONT ELONGATED SEAT, NO COVER, CLOSET BOLTS AND COMPRESSION STOPS.
WC4	WATER CLOSET PUBLIC AREA	3"	—	2"	—	1"	KOHLER K-4406, ELONGATED FLOOR MOUNTED WATER CLOSET, K-13517 MANUAL, 1.28 GPF, WC FLUSHOMETER FLUSH VALVE BEMIS 9400SSCT, SELF SUSTAINING STAINLESS STEEL CHECK HINGE, OPEN FRONT ELONGATED SEAT, NO COVER, CLOSET BOLTS AND COMPRESSION STOPS.
U-1	URINAL	2"	—	2"	3/4"	—	KOHLER K-4989 T BOWL, ZURN Z-6003-WS-1 (1.0 GPF) FLUSH VALVE, ZURN MODEL NO. Z-1222 CARRIER.
U-2	URINAL HANDICAPPED	2"	—	2"	3/4"	—	KOHLER K-4989 T BOWL, ZURN Z-6003-WS-1 (1.0 GPF) FLUSH VALVE, ZURN MODEL NO. Z-1222 CARRIER, MOUNT AT HANDICAPPED HEIGHT.
* IB1	HANDICAP BATHTUB GUEST ROOM	—	1 1/2"	1 1/2"	1/2"	1/2"	STERLING #710401112, "PERFORMA" 60"x29", HIGH GLOSS VIKRELL TUB ONLY, WITH TILTING FLANGE AND FRONT APRON, #104239BN ROTHBURY SHOWER HEAD, MOEN #123815BN 8" SHOWER ARM AND FLANGE, MOEN #712131BN SINGLE LEVER VALVE, TEMP. SET AT 110°F. #3853 DIVERTER TUB SPOUT, #62370 ROUGH-IN VALVE, #74171BN DIVERTER VALVE TRIM, #3372 TRANSFER VALVE, A730ST BRACKET, A725BN DROP ELBOW #A726ST HAND HELD SHOWER HOSE, #128875BN HAND HELD SHOWER HEAD, LIFT & TURN WASTE CONNECTION, BRUSHED NICKEL TRIM.
* IB2	BATHTUB GUEST ROOM	—	1 1/2"	1 1/2"	1/2"	1/2"	STERLING #710401112, "PERFORMA" 60"x29", HIGH GLOSS VIKRELL TUB ONLY, #7104239BN ROTHBURY SHOWER HEAD, MOEN #123815BN 8" SHOWER ARM AND FLANGE, MOEN #712131BN SINGLE LEVER VALVE, TEMP. SET AT 110°F. #3853 DIVERTER TUB SPOUT, #62370 ROUGH-IN VALVE, LIFT & TURN WASTE CONNECTION, BRUSHED NICKEL TRIM.
LV1	HANDICAP LAVATORY GUEST ROOM	—	1 1/4"	1 1/2"	1/2"	1/2"	LENOVA #PU-01-W, 19 1/2 X15 1/2 UNDERMOUNT RECTANGULAR VITREOUS CHINA LAVATORY MODEL #6400BN EVA SINGLE LEVER, BRUSHED NICKEL FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV 1/2", SELECTABLE TEMPERATURE SET AT 110°F. COMPRESSION STOPS, 1 1/2" P-TRAP TRUEBOR#102W ADA INSULATION KIT, IN GUEST ROOMS WITH FLOOR DRAINS IN TOILET AREA, FURNISH P-TRAP WITH PRIMER CONNECTION AND 2" PRIMER LINE TO FLOOR DRAIN. OMNI 1/2 GPM OR EQUAL FLOW RESTRICTOR.
LV2	LAVATORY GUEST ROOM	—	1 1/4"	1 1/2"	1/2"	1/2"	LENOVA #PU-01-W, 19 1/2 X15 1/2 UNDERMOUNT RECTANGULAR VITREOUS CHINA LAVATORY MODEL #6400BN EVA SINGLE LEVER, BRUSHED NICKEL FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV 1/2", SELECTABLE TEMPERATURE SET AT 110°F. COMPRESSION STOPS, 1 1/2" P-TRAP.
LV3	HANDICAP WALL HUNG LAVATORY	—	1 1/4"	1 1/2"	1/2"	1/2"	KOHLER #K102154 BN, 20x18 WALL HUNG ADA APPROVED LAVATORY AND CHAIR CARRIER, K-2084, K-8998-CP KOHLER "FORTE" SINGLE LEVER BRUSHED NICKEL FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE P-TRAP AND TRUEBOR ADA INSULATION KIT. OMNI 1/2 GPM OR EQUAL FLOW RESTRICTOR.
* SR1	HANDICAP SHOWER STALL	—	2"	1 1/2"	1/2"	1/2"	#104239BN ROTHBURY SHOWER HEAD, BRUSHED NICKEL MOEN #12131BN SHOWER VALVE #3853 DIVERTER TUN SPOUT #62370 POSI-TEMP VALVE #74171BN DIVERTER VALVE TRIM #3372 TRANSFER VALVE #A726ST HAND HELD SHOWER HOSE AND MOEN #128875 BN HAND HELD SHOWER UNIT. TEMP. SET AT 110°F.
* SR2	SHOWER UNIT	—	2"	1 1/2"	1/2"	1/2"	STERLING #72260100 "ACCORD" 48"x36" FOUR PIECE HOGH GLOSS VIKRELL SHOWER WITH SIMULATED TILE BACK WALL SET, PVC SHOWER DRAIN, BRUSHED NICKEL MOEN #104239BN 8" SHOWER ARM WITH FLANGE, MOEN #12131 SINGLE LEVER VALVE AND #62370 POSI-TEMP ROUGH-IN VALVE. TEMP. SET AT 110°F.
SK1	HANDICAP KITCHEN SINK GUEST ROOM	—	1 1/2"	1 1/2"	1/2"	1/2"	ELKAY #ELUHAD21154SPD UNDERMOUNT STAINLESS STEEL ADA SINK, MOEN #7423 SINGLE LEVER KITCHEN FAUCET IN BRUSHED NICKEL TO MATCH BATH FIXTURE FAUCETS. ASSE 1070 THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE COMPRESSION STOPS, P-TRAP, AND WHIRLAWAY #919PC 3/4 HP DISPOSAL UNIT. OMNI 1/2 GPM OR EQUAL FLOW RESTRICTOR.
SK2	KITCHEN SINK GUEST ROOM	—	1 1/2"	1 1/2"	1/2"	1/2"	KOHLER #K-3182 "SPRINGDALE" 16"x20"x8" UNDERMOUNT SS SINK, MOEN #7423 SINGLE LEVER KITCHEN FAUCET IN BRUSHED NICKEL FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE COMPRESSION STOPS, 1 1/2" P-TRAP AND WHIRLAWAY #919PC 3/4 HP DISPOSAL UNIT. OMNI 1/2 GPM OR EQUAL FLOW RESTRICTOR.
SK3	BREAK ROOM KITCHEN SINK	—	1 1/2"	1 1/2"	1/2"	1/2"	STERLING #JUL1515, 15"x15" UNDERMOUNT SS SINK, KOHLER BRUSHED NICKEL #K-15172-XP-CP SINK FAUCET, K-8801-CP BASKET STRAINER, ASSE 1070 THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE COMPRESSION STOPS, 1 1/2" P-TRAP AND WHIRLAWAY #919PC 3/4 HP DISPOSAL UNIT. OMNI 1/2 GPM OR EQUAL FLOW RESTRICTOR.
SK4	3-COMP SINK BY OWNER	—	(3) 1 1/2"	1 1/2"	(2) 1/2"	(2) 1/2"	STAINLESS STEEL SINK & FAUCETS PROVIDED BY OWNER, CONTRACTOR SHALL INSTALL SINK AND FAUCET & PROVIDE ROUGH-IN WITH ALL RELATED PIPING WITH SHUT-OFF VALVES AT WALL.
SK5	KITCHEN SINK BY OWNER	—	1 1/2"	1 1/2"	1/2"	1/2"	KITCHEN SINK & FAUCETS PROVIDED BY OWNER, CONTRACTOR SHALL INSTALL SINK AND FAUCET ASSE 1070 THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE COMPRESSION STOPS, 1 1/2" P-TRAP AND WHIRLAWAY #919PC 3/4 HP DISPOSAL UNIT. OMNI 1/2 GPM OR EQUAL FLOW RESTRICTOR.
SK6	WALL HUNG HANDWASH SINK	—	1 1/2"	1 1/2"	1/2"	1/2"	ADVANCE TABCO #7-PS-65, 14"x10"x5" DEEP SS SINK WITH 7" BACKSPASH, BRUSHED NICKEL FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE P-TRAP, ANGLE STOPS AND CHAIR CARRIER.
LI	DOUBLE BOWL LAUNDRY TUB	—	2"	1 1/2"	1/2"	1/2"	FIAT #FL1D1 MOLDED STONE DOUBLE BOWN LAUNDRY SINK WITH LEGS, LAUNDRY TRAY, A-1 FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE P-TRAP AND ANGLE STOPS HARDWARE PACKAGE.
DF1	ELECTRIC DRINKING FOUNTAIN	—	2"	2"	1/2"	—	ELKAY MODEL NOL2SLBC (DUAL) COOLER, MCGUIRE 8872 P-TRAP, MCGUIRE 165 SUPPLY AND STOP, ZURN Z-1223 CARRIER.
DF2	DRINKING FOUNTAIN	—	2"	2"	1/2"	—	MOST DEPENDABLE FOUNTAIN MODEL NO. 475 (DUAL) COOLER, MCGUIRE 8872 P-TRAP, MCGUIRE 165 SUPPLY AND STOP, PROVIDE IN WALL P-TRAPS, CUTOFF VALVE AND DRAIN VALVE ALL IN ACCESSABLE PANEL.
ES	POOL SHOWER	—	—	—	—	1/2"	DELTA #R-10000-UNWS ROGH-IN VALVE, DELTA #T13H63 SHOWER TRIM WITH FIXED VANDAL RESISTANT HEAD.
JS	MOP SINK	—	3"	1 1/2"	3/4"	3/4"	FIAT #ITSB 3000 24" X 24" X 12" DEEP FLOOR MOUNTED MOP BASIN, T & S BRASS B-665-BSTR WALL MOUNTED SINK FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV THERMOSTATIC MIXING VALVE, 1/2", SELECTABLE TEMPERATURE SET TO 110°F. OUTLET TEMPERATURE W/ V.B. SS MOP HANGER, HOSE & BRACKET, WITH SS WALL GUARDS.
EW	WALL HUNG EYE WASH	—	1 1/4"	1 1/2"	1/2"	1/2"	GUARDIAN #G1814P WITH YELLOW PLASTIC EYE/FACE WASH HEADS, WITH DUST COVERS, 1/2" NPT CHROME PLATED BRASS STAY OPEN BALL VALVE WITH SS PUSH HANDLE, DRAIN TAIL PIECE TO WITHIN 4" OF FINISHED FLOOR AND IN-LINE STRAINER. GUARDIAN G3600 MIXING VALVE SET FOR 85° WATER.
WCB	WASHER CONNECTION BOX	—	2"	1 1/2"	3/4"	3/4"	GUY GRAY #82048 WITH WATER HAMMER ARRESTOR. INSTALL BACKFLOW CHECK VALVES FOR VALVES IN HW & CW LINES WITH ACCESS PANEL.



Richard Molenaar

ARCHITECT



INNOVATIVE • ENGINEERING SERVICES, LLC



PROJECT NAME:



Old Fannin Road Flowood, Mississippi

SHEET TITLE:

Notes and Schedules – PLUMBING

PROJECT NO.

LATEST REVISION:

08/16/16

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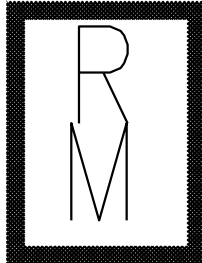
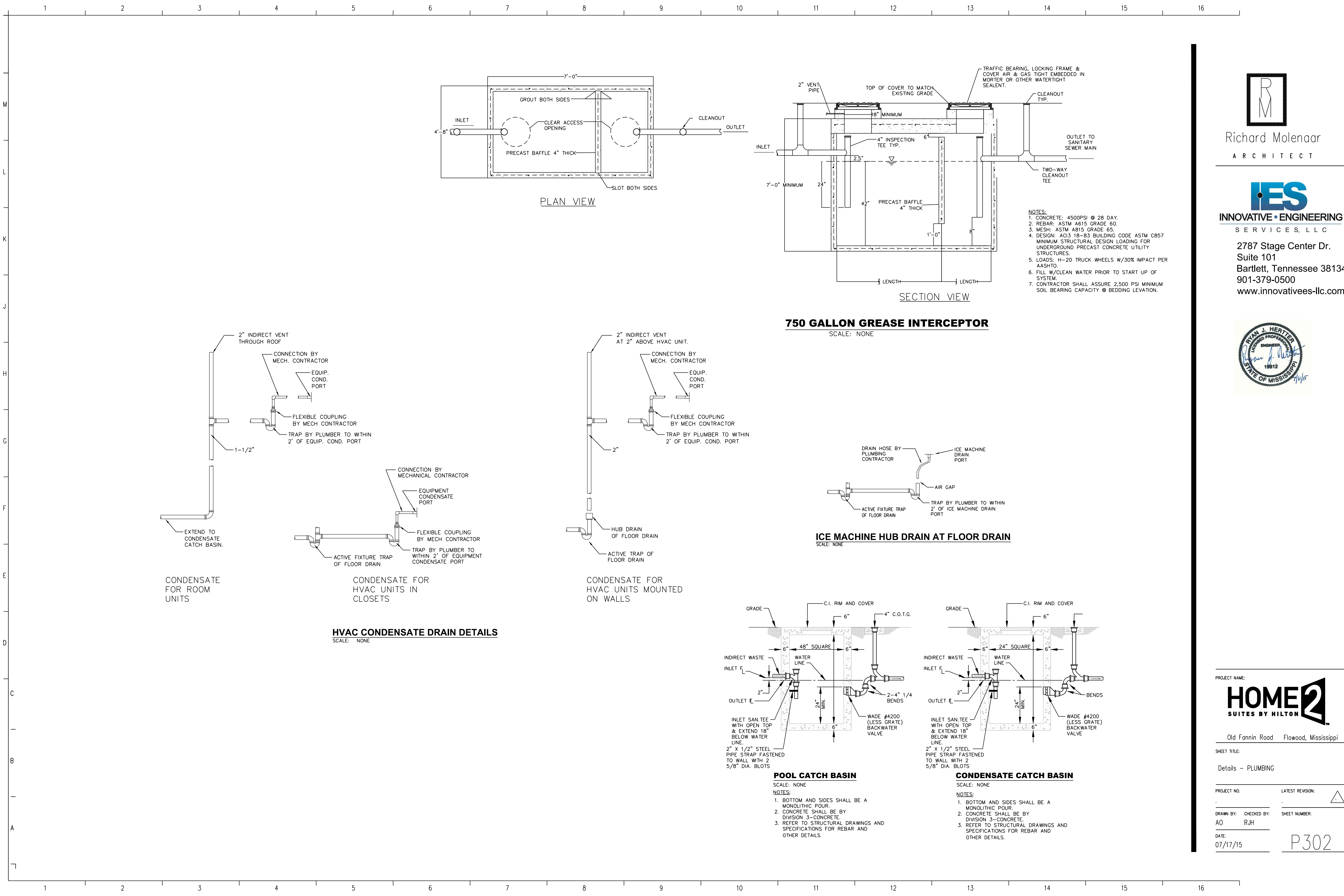
SHEET NUMBER:

AO RJH

DATE:

07/17/15

P301



Richard Molenaar
ARCHITECT



INNOVATIVE • ENGINEERING
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PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:

Details - PLUMBING

PROJECT NO.

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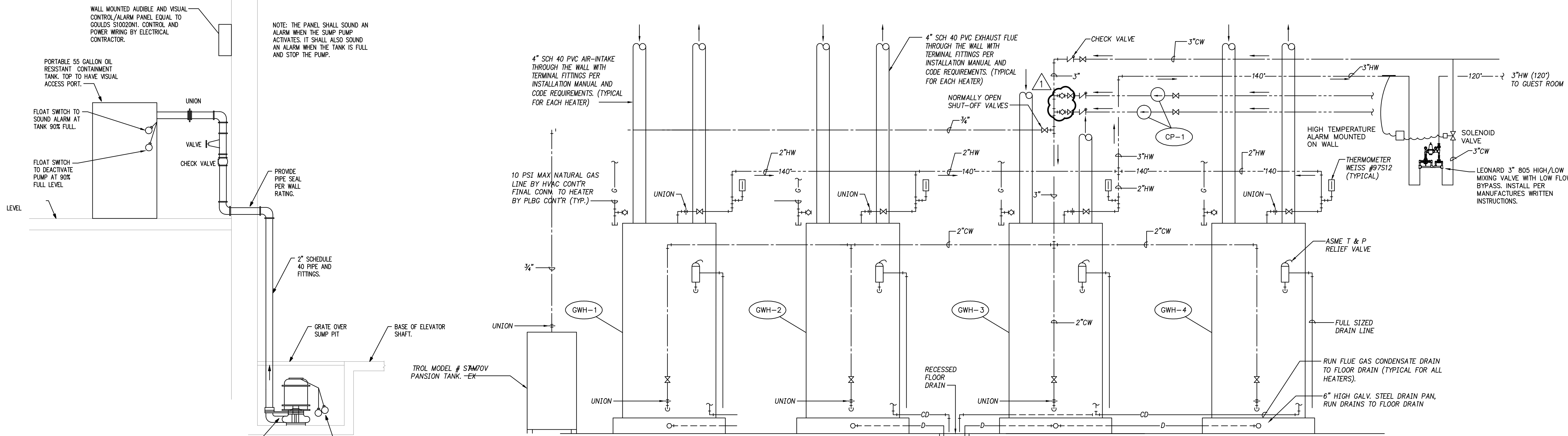
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07/17/15

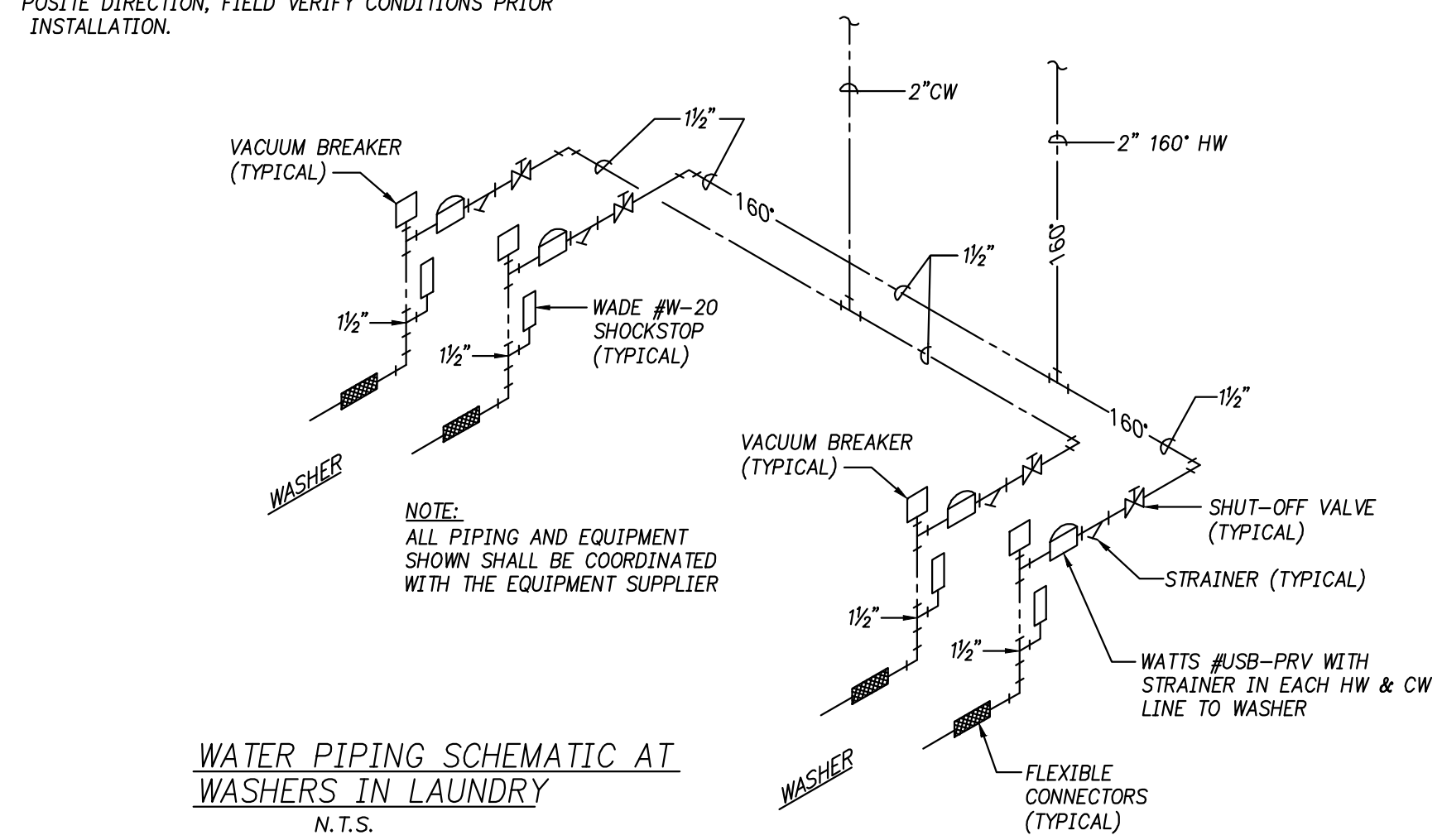
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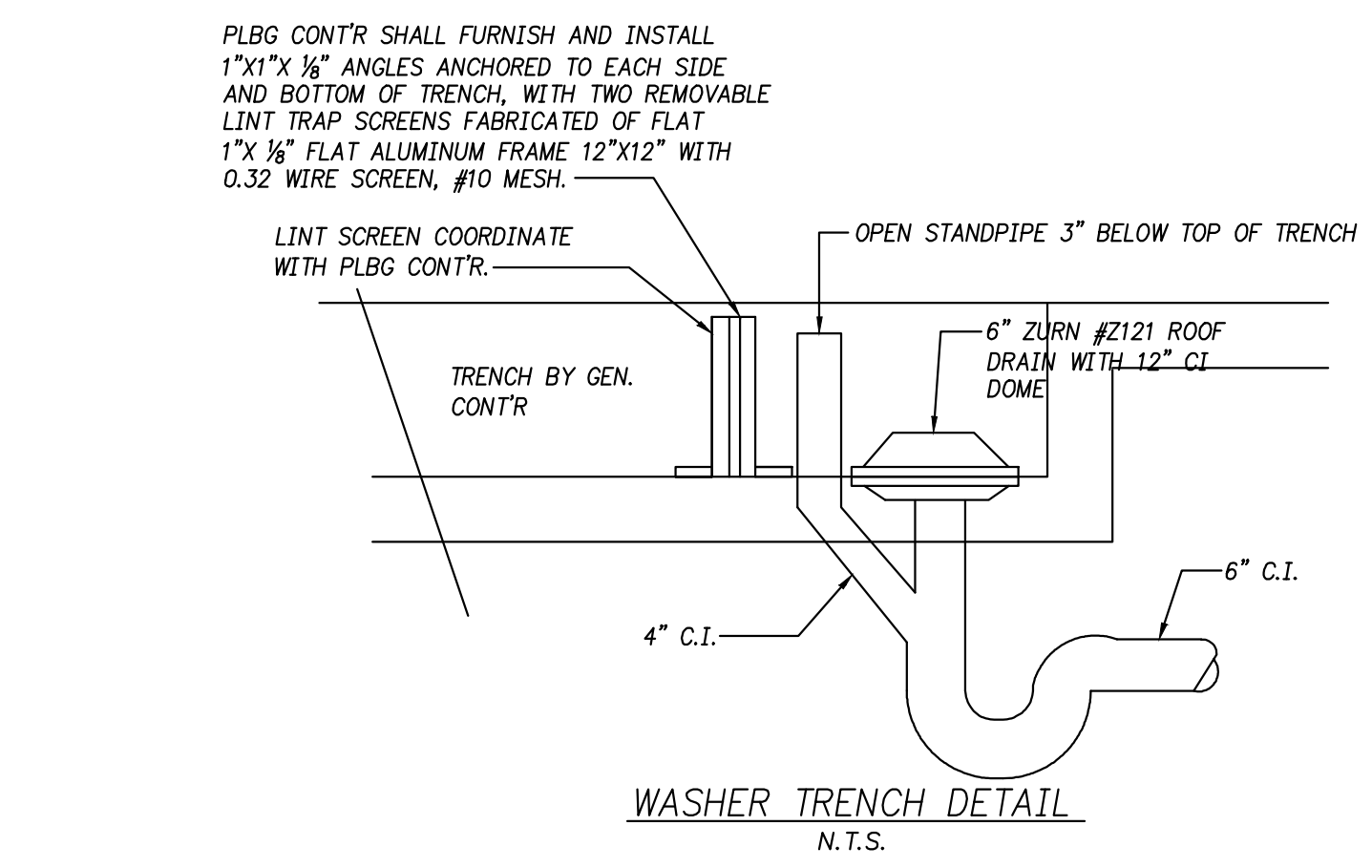
SCHMATIC FOR GUEST ROOM WATER HEATERS
N.T.S.

ECIAL NOTE:
TER LINES MAY ACTUALLY BE ROUTED IN WALL FROM
POSITE DIRECTION, FIELD VERIFY CONDITIONS PRIOR
INSTALLATION.

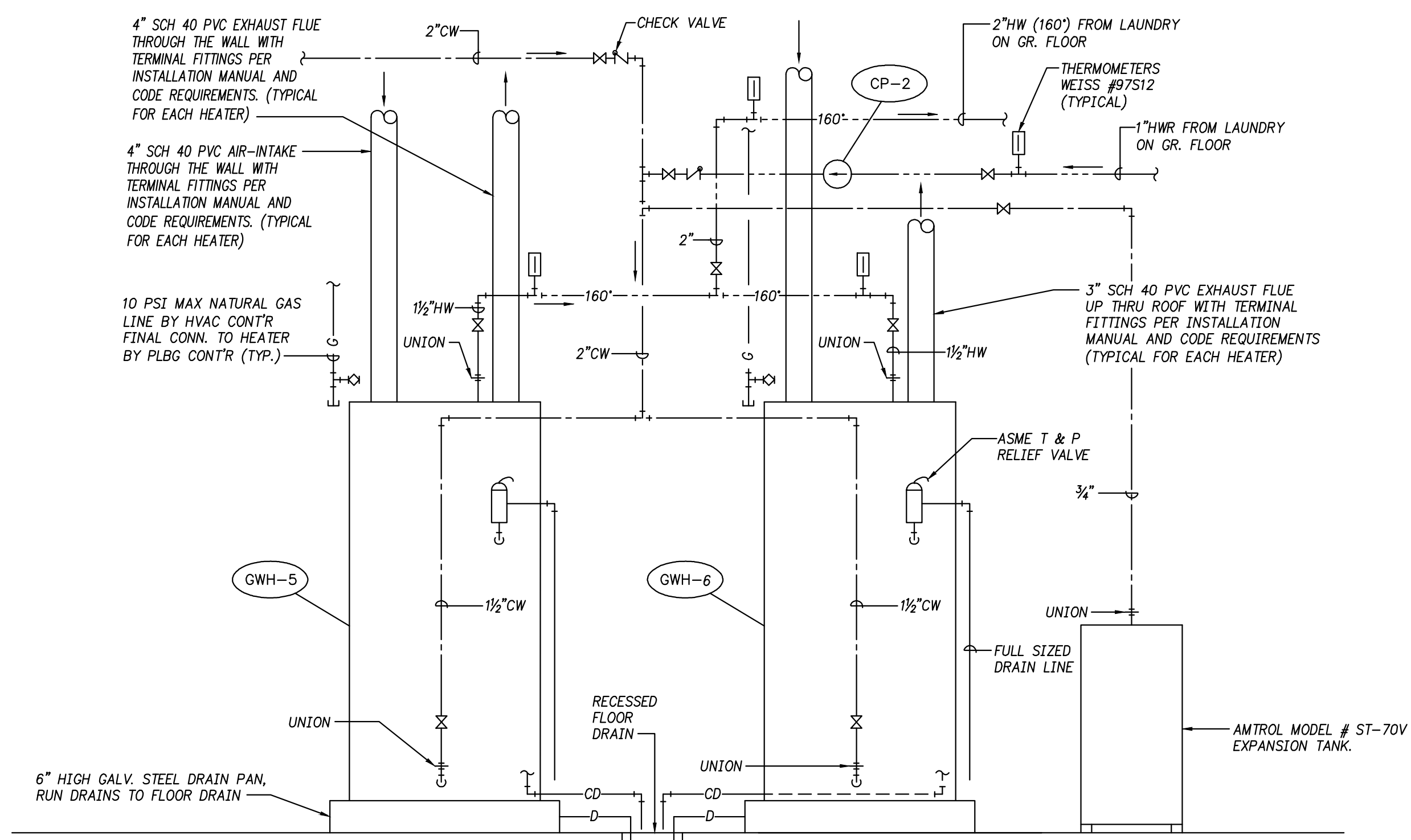
ELEVATOR SUMP PUMP DETAIL
NOT TO SCALE



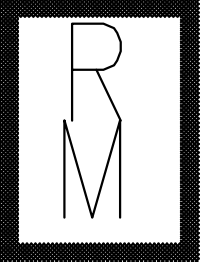
WATER PIPING SCHEMATIC AT
WASHERS IN LAUNDRY
N.T.S.



WASHER TRENCH DETAIL
N.T.S.



SCHMATIC FOR LAUNDRY WATER HEATERS
N.T.S.



Richard Molenaar
ARCHITECT

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PROJECT NAME:

HOME2
SUITES BY HILTON

Old Fannin Road Flowood, Mississippi

SHEET TITLE:

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P303

