GENERAL NOTES:

COORDINATION:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FOUNDATIONS:

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

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

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

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

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

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

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

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

SLAB ON GRADE:

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

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

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

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

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

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

CONCRETE:

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

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

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

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

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

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

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

7. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE:

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

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

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

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

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

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

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

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

MASONRY:

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

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

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

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

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

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

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

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

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

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

STRUCTURAL STEEL:

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

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

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

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

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

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

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

TIMBER/WOOD/PLYWOOD/OSB:

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

FLOOR TRUSSES:	
TOP CHORD DEAD LOAD	22.0 PSF
BOTTOM CHORD DEAD LOAD	13.0 PSF
TOP CHORD LIVE LOAD	40.0 PSF
ROOF TRUSSES:	
TOP CHORD DEAD LOAD	8.0 PSF
BOTTOM CHORD DEAD LOAD	12.0 PSF
TOP CHORD LIVE LOAD	20.0 PSF
BOTTOM CHORD LIVE LOAD (WHERE CODE REQUIRED)	10.0 PSF

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FLAT ROOFS:

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

FOLDING PARTITION:

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

POST-INSTALLED ANCHORS:

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

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

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

STAIR DESIGN:

1. STAIRS, LANDINGS AND HANDRAILS SHALL BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF OF THE PROJECT. DESIGNS SHALL BE SEALED AND SIGNED BY HIM/HER AND SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. SUBMIT SHOP DRAWINGS SHOWING LAYOUT OF STAIRS AND STRUCTURAL FRAMING, INCLUDING ARRANGEMENT, DIMENSIONS, CONNECTIONS AND RELATION TO ADJACENT WORK TO ARCHITECT FOR APPROVAL.

LADDER AND HANDRAIL DESIGN:

1. LADDERS AND HANDRAILS SHALL BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF OF THE PROJECT. DESIGNS SHALL BE SEALED AND SIGNED BY HIM/HER AND SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. SUBMIT SHOP DRAWINGS SHOWING LAYOUT OF LADDER AND HANDRAILS AND STRUCTURAL FRAMING, INCLUDING ARRANGEMENT, DIMENSIONS, CONNECTIONS AND RELATION TO ADJACENT WORK TO ARCHITECT FOR APPROVAL.

ELEVATOR:

1. GENERAL CONTRACTOR SHALL COORDINATE/VERIFY ALL STRUCTURAL STEEL REQUIRED FOR GUIDE RAIL SUPPORT AND HOIST BEAM. PROVIDE W8x10 HOIST BEAM AND HSS 6x4x5/16 GUIDE RAIL UNLESS NOTED OTHERWISE. VERIFY/COORDINATE ALL STEEL LOCATIONS, DIMENSIONS AND ELEVATIONS - TYPICAL.

PRE-MANUFACTURED CANOPIES AND AWNINGS:

1. THE DESIGN, CONNECTION AND ALL ATTACHMENTS OF ALL CANOPIES AND AWNINGS SHALL BE THE RESPONSIBILITY OF THE CANOPY/AWNING SUPPLIER. THE GENERAL CONTRACTOR SHALL COORDINATE ALL ATTACHMENT REQUIREMENTS AND PROVIDE ADDITIONAL STUDS, BLOCKING ETC. AS REQUIRED.

SIMPSON ANCHOR TIEDOWN SYSTEMS (ATS):

1. ATS IS AN ASSEMBLAGE OF STEEL COMPONENTS, WHICH INCLUDE RODS, PLATES, COUPLER NUTS, TAKE-UP DEVICES AND NUTS. STUDS, POSTS AND BLOCKING BY ENGINEER OF RECORD.

2. SIMPSON STRONG-TUE IS PROVIDING THE ANCHOR TIEDWON SYSTEM TO MEET THE DESIGN FORCES PROVIDED BY THE ENGINEER OF RECORD. THE EOR IS RESPONSIBLE FOR EVALUATING THE EFFECTS OF LUMBER SHRINKAGE AND ATS ELONGATION ON SHEARWALL DRIFT.

3. GENERAL CONTRACTOR OR INSTALLER OF ATS SHALL CUT RODS TO LENGTH AS REQUIRED.

4. DO NOT WELD PRODUCTS UNLESS DRAWINGS SPECIFICALLY IDENTIFY A PRODUCT AS ACCEPTABLE FOR WELDING, OR UNLESS SPECIFIC APPROVAL FOR WELDING IS PROVIDED BY SIMPSON STRONG-TIE.

5. FULLY ENGAGE EACH ROD INTO THE SPECIFIED COUPLING NUT OR UNTIL EACH ROD CAN BE SEEN FULLY IN THE WITNESS HOLES.

6. INSTALL NUTS AND ISOLATOR NUTS SNUG TIGHT, PLUS AN ADDITIONAL 1/2 TURN.

7. IN THE EVENT OF A DISCREPANCY BETWEEN THE STRUCTURAL DRAWINGS AND SIMPSON INSTALLATION DRAWINGS, THE STRUCTURAL DRAWINGS SHALL GOVERN.

FLOOD ZONE DATA(SEE CIVIL DRAWING C003:

1. PROPERTY IS LOCATED IN FLOOD ZONE 'X' SHADED (AREAS OF 500 YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1') ACCORDING TO PANEL 75, 22073C0075E, DATED MACH 15, 1994.

2. THE PROPERTY LOCATED ADJACENT TO THE SOUTH WEST END OF THE PROPERTY IS SHOWN TO BE ELEV. 67 MSL, ON PANEL 75, 22073C0075E, DATED MACH 15, 1994.

3. FINISH FLOOR ELEVATION OF THE BUILDING IS 71.50 MSL.

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

WGPM, Inc.
Wright · Gibson · Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

MISHRA
ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

REVISIONS

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
General Notes

Phase
Construction Documents

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

Sheet No.
S001

Hampton Inn and Suites

NOTE! – PLYWOOD/OSB SHEAR WALLS

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

NOTE! – PLYWOOD/OSB SHEAR WALLS

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

NOTE!

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

NOTE!

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

NOTE!

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

NOTE!

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

WALL STUD SCHEDULE.

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

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

SHEAR WALLS SCHEDULE

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

* 8d @ 12" O.C. INTERMEDIATE

* ALL TENSION TIES ARE SIMPSON OR EQUIVALENT

STRUCTURAL DESIGN CRITERIA:

DESIGN:

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

2. BUILDING CATEGORY (T1604.5) II

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

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

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

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

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

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

6. WIND LOAD DATA:

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

COMPONENT AND CLADDING WIND PRESSURE

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

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

7. SEISMIC LOAD DATA:

COMPLIANCE WITH ASCE 7-05 SECTION 11.7 ONLY? NO

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

SEISMIC BASE SHEAR Vx = 54.8K Vy = 65.4K

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

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

SOIL BEARING CAPACITIES:

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

NOTE!

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

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

MISHRA
ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
General Notes

Phase
Construction Documents

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

Sheet No. S002

Released for

Hampton Inn and Suites

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

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

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

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

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

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

REQUIRED VERIFICATION AND INSPECTION OF SOILS

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

REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

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

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

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

REQUIRED VERIFICATION AND INSPECTION OF MASONRY CONSTRUCTION: LEVEL 1 INSPECTION

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

SEISMIC RESISTANCE

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

WALL PANELS AND VENEERS

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

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

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Special Inspections

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S003

Hampton Inn and Suites

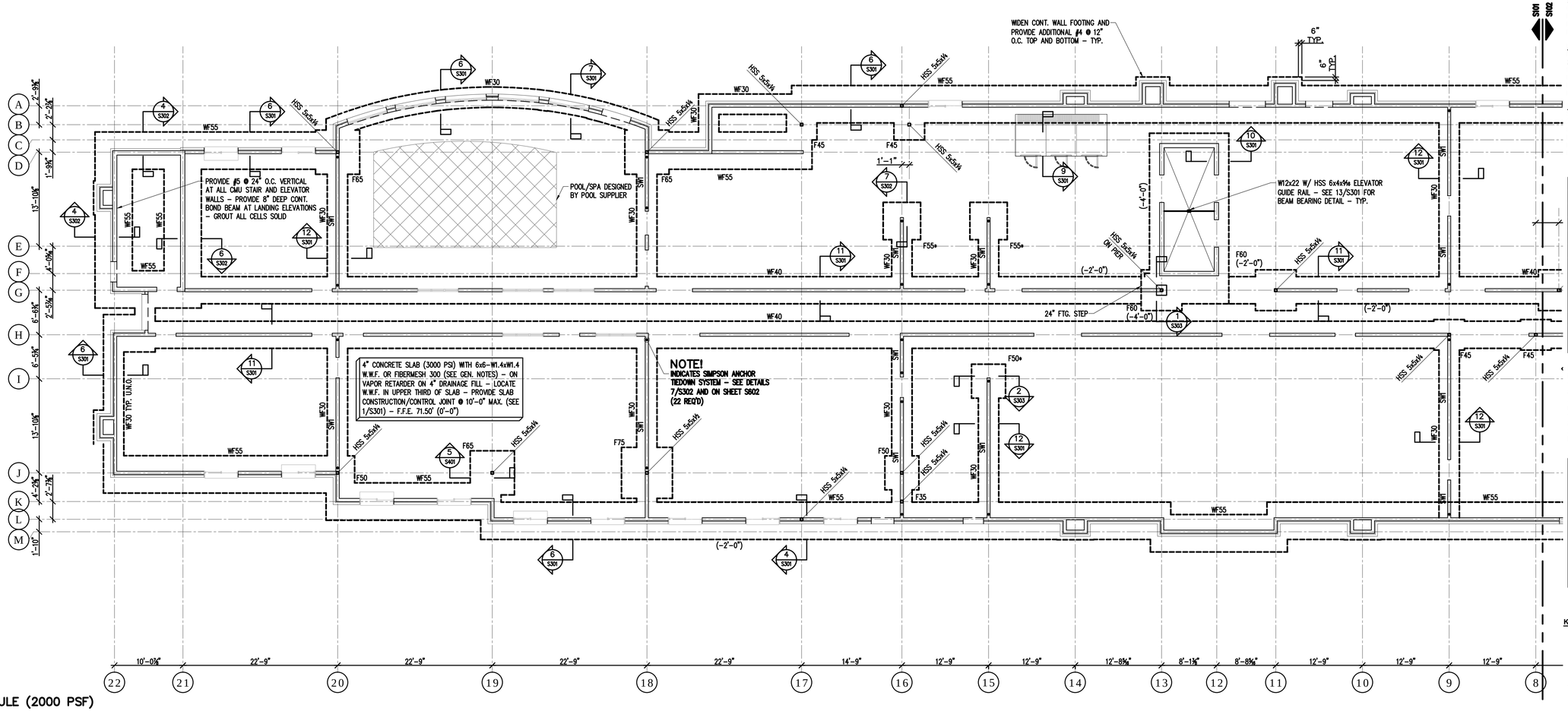
***NOTE!**
SEE 9/301 FOR THICKENED SLAB UNDER WASHER – COORDINATE W/ ARCH. AND PLUMBING DWGS.

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

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

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

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



FOOTING SCHEDULE (2000 PSF)

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

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

WALL FOOTING SCHEDULE 4,000 PSF SOIL BEARING

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

1/S101 FOUNDATION AND FLOOR SLAB PLAN

1/8" = 1'–0"

NOTES:

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

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6654 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE! CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title: Foundation and Floor Slab Plan

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

Phase: Construction Documents

WGPM, Inc.
Fright · Gibson · Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S101

Hampton Inn and Suites

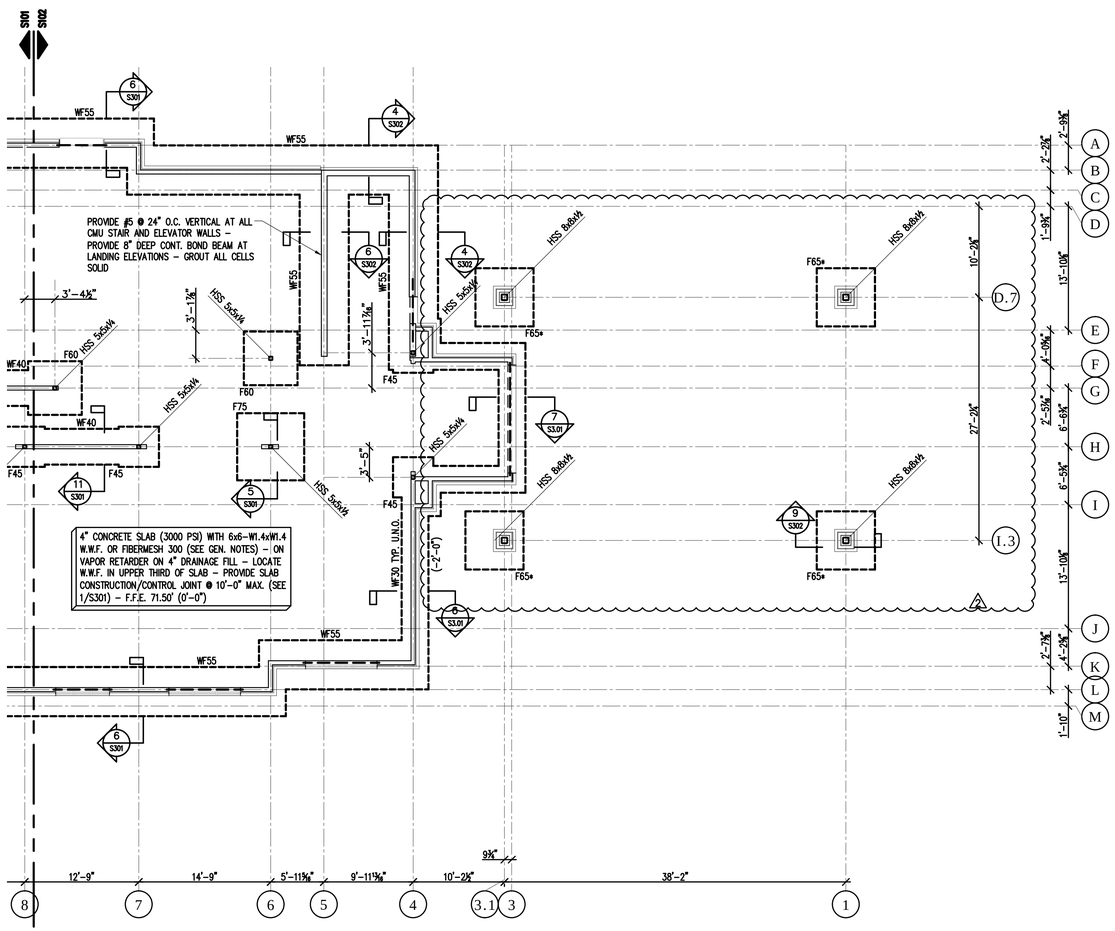
***NOTE!**
SEE 9/301 FOR THICKENED SLAB UNDER WASHER – COORDINATE W/ ARCH. AND PLUMBING DWGS.

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

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

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

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



FOOTING SCHEDULE (2000 PSF)

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

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

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

NORTH

1/S102 FOUNDATION AND FLOOR SLAB PLAN

1/8" = 1'–0"

NOTES:

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

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6654 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

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

Drawing Title
Foundation and Floor Slab Plan

Phase
Construction Documents

WGPM, Inc.
Wright · Gibson · Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S102

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

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

S1 2 – 2x6 SILL

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

NOTES:

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

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

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

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

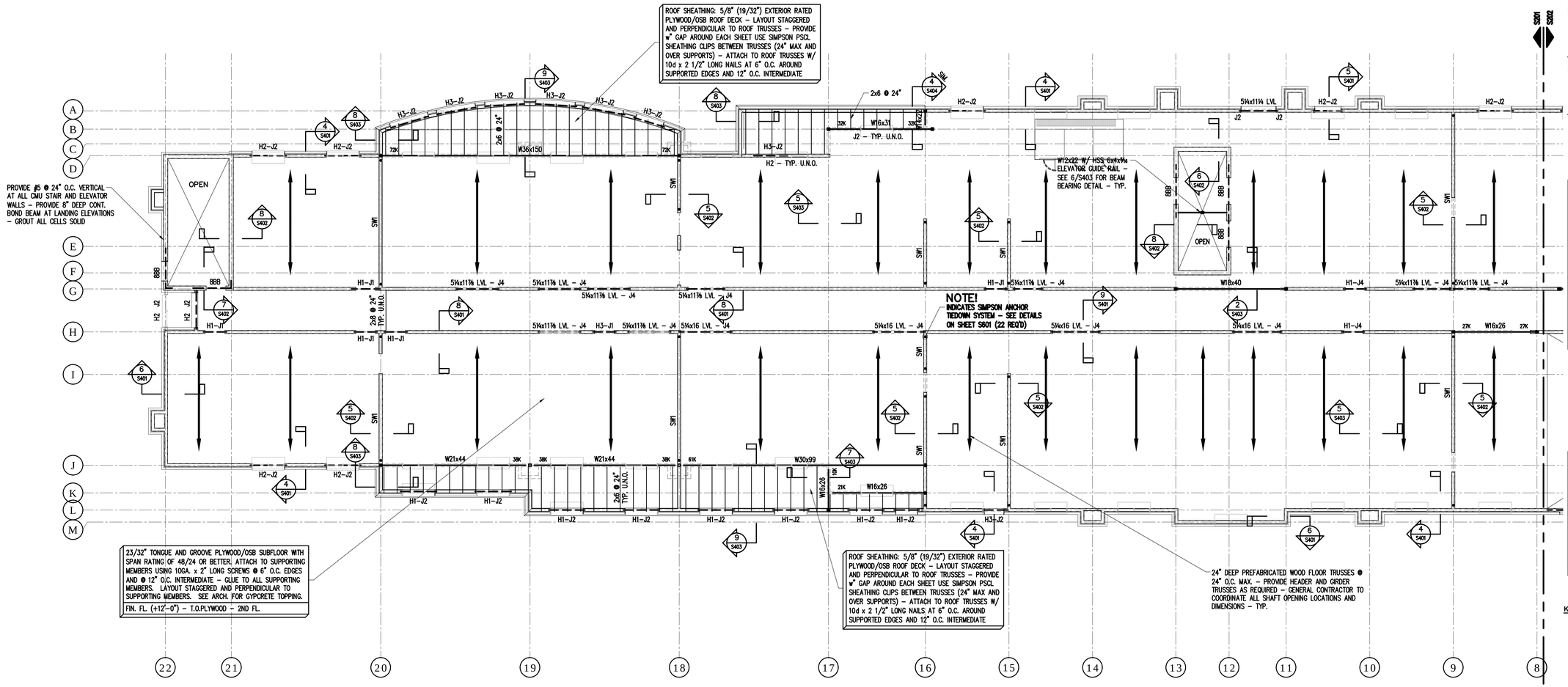
NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

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

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

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

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



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

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

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

NORTH

1/S201 SECOND FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

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

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title
Second Floor Framing Plan

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

Phase
Construction Documents

WGPM, Inc.
Fright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S201

Released for

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

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

S1 2 – 2x6 SILL

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

NOTES:

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

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

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

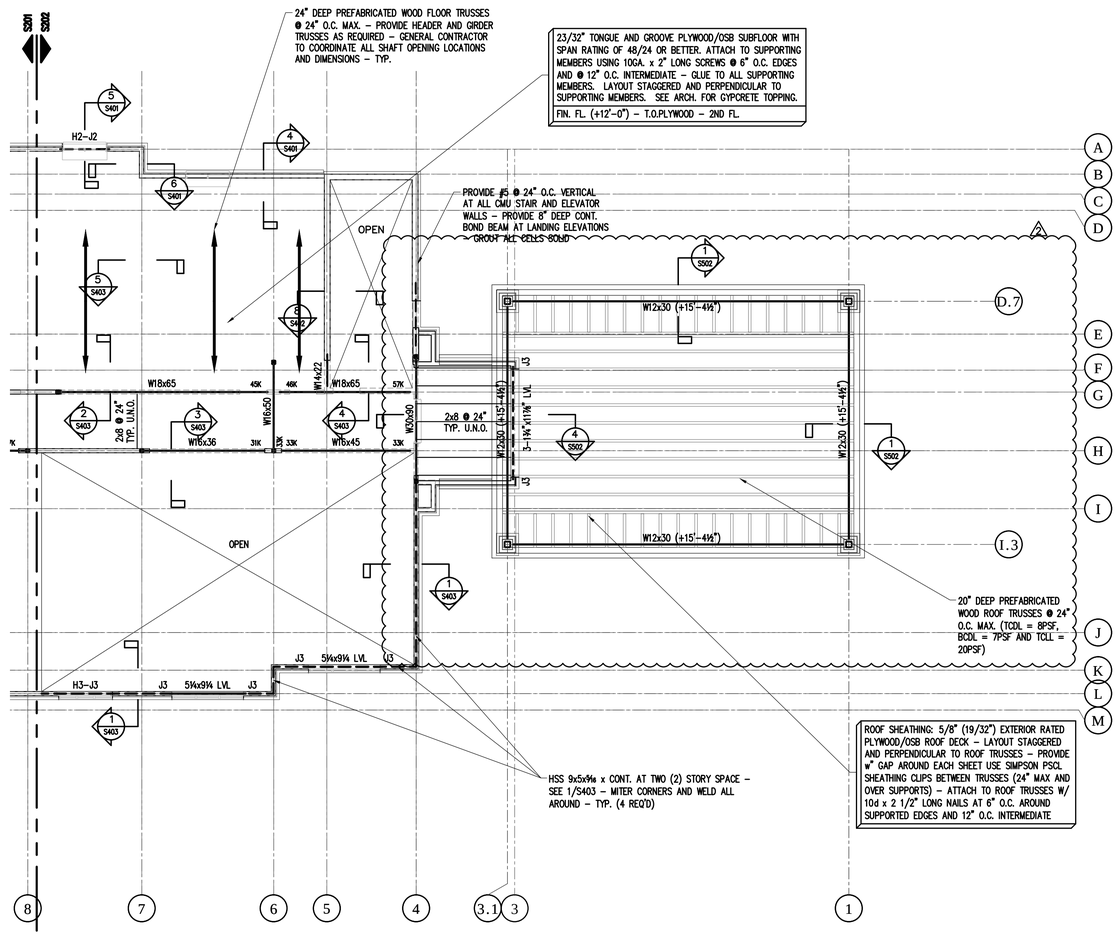
NOTE!
SEE SHEET S002 FOR WALL STUDS AND PLYWOOD/OSB WALL SHEATHING – TYPICAL

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

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

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

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



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

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

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

NORTH

1/S202 SECOND FLOOR FRAMING PLAN

1/8" = 1'–0"

NOTES:

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

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title
Second Floor Framing Plan

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

Phase
Construction Documents

WGPM, Inc.
Wright · Gibson · Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S202

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

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

S1 2 – 2x6 SILL

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

NOTES:

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

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

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

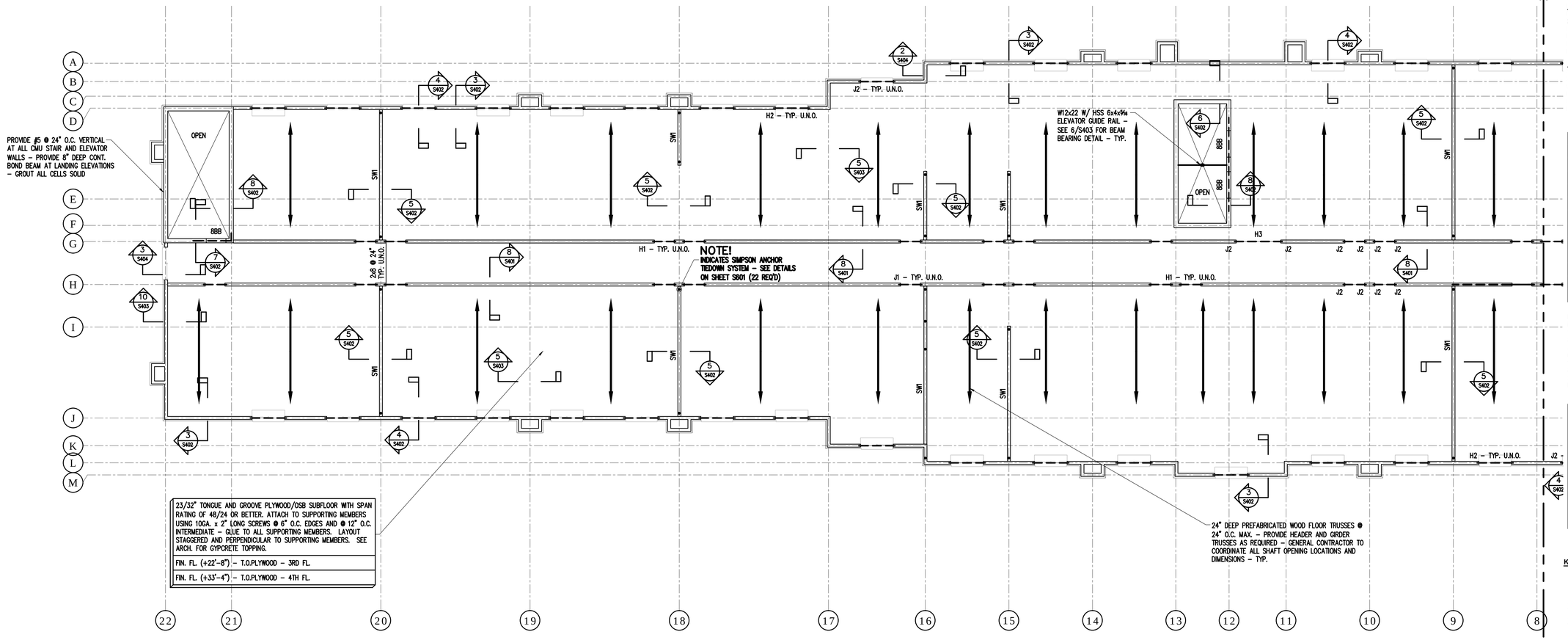
NOTE!
ALL INTERIOR HEADERS ARE H1 AND JAMBS ARE J1 U.N.O. ALL EXTERIOR HEADERS ARE H2 AND JAMBS ARE J2 U.N.O.

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

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

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

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



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

NORTH

1/S203 THIRD AND FOURTH FLOOR FRAMING PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. TRUSS BEARING – T.B. (+20'–7 1/4") THIRD FLOOR AND (+31'–3 1/4") FOURTH FLOOR – TYPICAL UNLESS NOTED OTHERWISE.
4. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
5. SEE SHEET S001 AND S002 FOR GENERAL NOTES, WALL STUDS AND WALL SHEATHING NOTES.
6. LVL INDICATES MICRO=LAM LVL BY I–LEVEL OR EQUIVALENT.
7. BB INDICATES 8" DEEP BOND BEAM – SEE 5/S302.
8. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title
Third and Fourth Floor Framing Plan

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

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S203

Released for

Hampton Inn and Suites

HEADER, SILL, AND JAMB SCHEDULE

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

S1 2 – 2x6 SILL

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

NOTES:

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

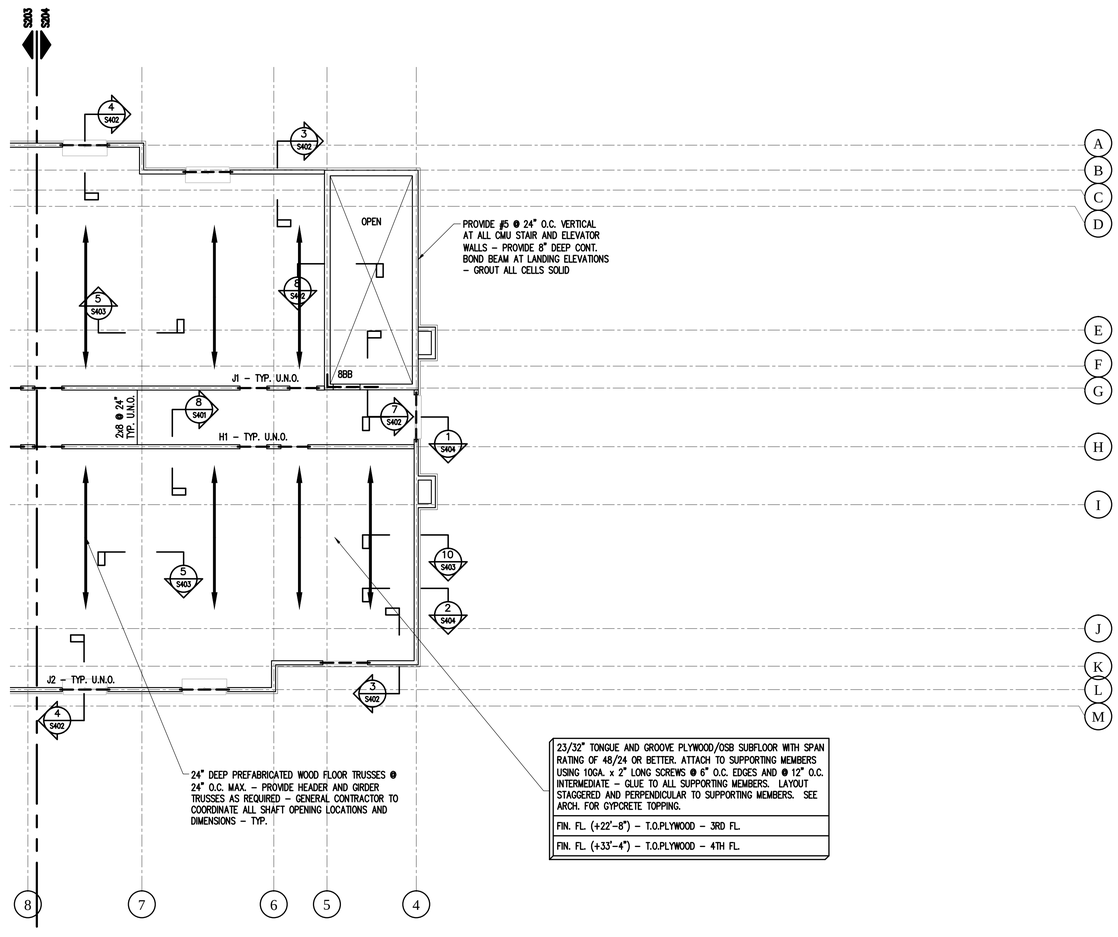
2. PROVIDE DOUBLE JACK (CRIPPLE) STUDS UNDER EACH END OF ALL HEADERS AND DOUBLE BYPASS (KING) STUDS EACH SIDE OF JACK STUDS (U.N.O.) – SEE 8/S302.

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

NOTE!
ALL INTERIOR HEADERS ARE H1 AND JAMBS ARE J1 U.N.O. ALL EXTERIOR HEADERS ARE H2 AND JAMBS ARE J2 U.N.O.

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

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



NORTH

1/S204 THIRD AND FOURTH FLOOR FRAMING PLAN
1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0-0).
2. TRUSS BEARING – T.B. (+20'-7 1/4") THIRD FLOOR AND (+31'-3 1/4") FOURTH FLOOR – TYPICAL UNLESS NOTED OTHERWISE.
4. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
5. SEE SHEET S001 AND S002 FOR GENERAL NOTES, WALL STUDS AND WALL SHEATHING NOTES.
6. LVL INDICATES MICRO=LAM LVL BY I-LEVEL OR EQUIVALENT.
7. BB INDICATES 8" DEEP BOND BEAM – SEE 5/S302.
8. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

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

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

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

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title
Third and Fourth Floor Framing Plan

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

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S204

Hampton Inn and Suites

ROOF HEADER, SILL, AND JAMB SCHEDULE

RH1 3 – 2x6 + PLYWOOD FILLER
RH2 3 – 2x8 + PLYWOOD FILLER
RH3 3 – 2x10 + PLYWOOD FILLER
RH4 3 – 2x12 + PLYWOOD FILLER
RH5 3 – 1¾"x9¼" LVL + PLYWOOD FILLER

RS1 1 – 2x6 SILL

RJ1 1 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD
RJ2 1 – 2x6 JACK STUD + 2 – 2x6 BYPASS STUD
RJ3 1 – 2x6 JACK STUD + 3 – 2x6 BYPASS STUD
RJ4 2 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD

NOTES:

1. ALL HEADERS ARE RH1, ALL SILLS ARE RS1 AND ALL JAMB STUDS ARE RJ1 UNLESS NOTED OTHERWISE.

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

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

NOTE!
SEE ARCHITECTURAL DRAWINGS FOR DRAFT STOP TRUSS LOCATIONS – DESIGN TRUSS FOR ADDITIONAL GYPSUM DRYWALL DEAD LOAD – TYPICAL

NOTE!
ALL INTERIOR HEADERS ARE RH1 AND JAMBS ARE RJ1 U.N.O. ALL EXTERIOR HEADERS ARE RH2 AND JAMBS ARE RJ2 U.N.O.

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

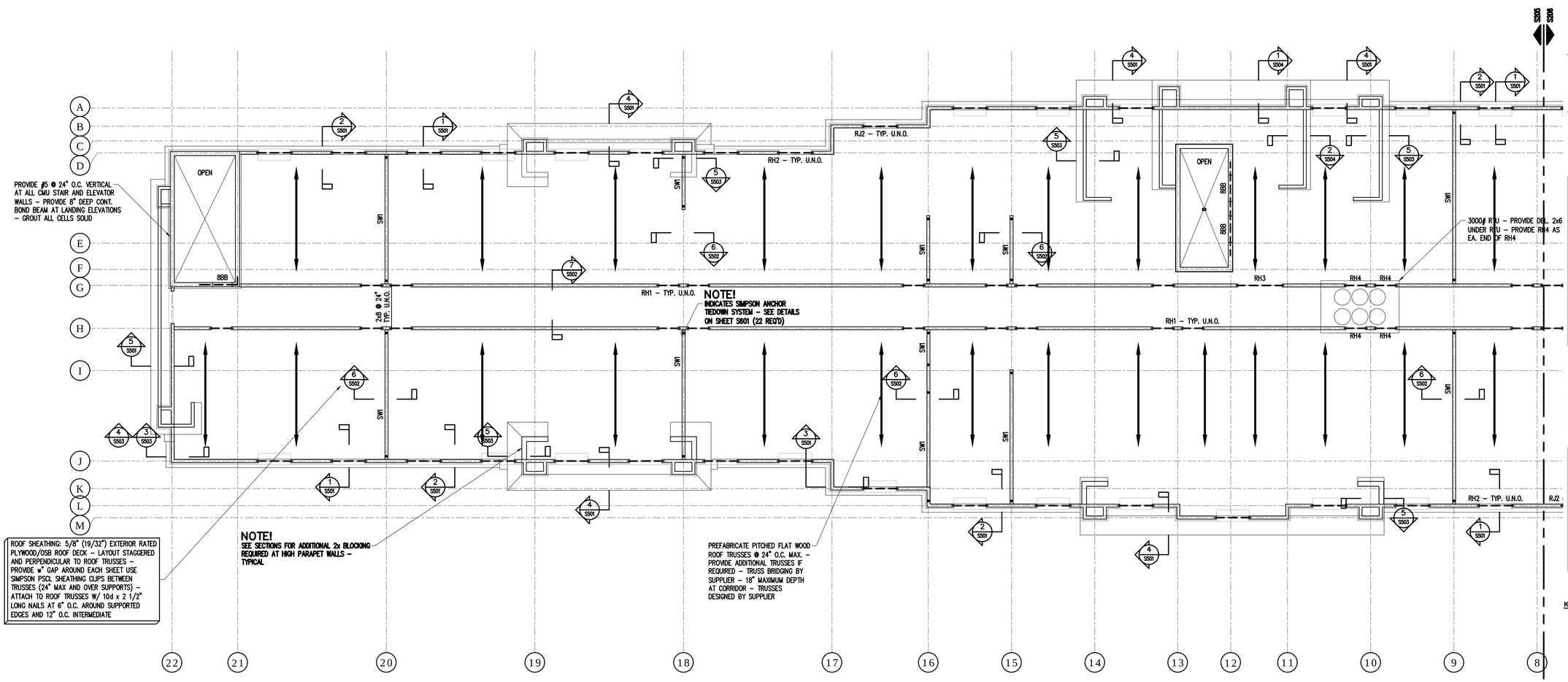
NOTE:
ATTACHMENT OF ALL MECHANICAL UNITS TO SUPPORTING STRUCTURE SHALL BE DESIGNED AND FURNISHED BY MECH. UNIT SUPPLIER TO RESIST LOCAL SEISMIC AND WIND LOADS.

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

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

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

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



NOTE!
PROVIDE DOUBLE 2x6 UNDER RTU CURBS – SEE 6/S501 – TYPICAL

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

NOTE!
DESIGN ALL TRUSSES FOR ALL ADDITIONAL LOADS SHOWN ON CONTRACT DRAWINGS – TYPICAL

NORTH

1/S205 ROOF FRAMING PLAN

1/8" = 1'–0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0–0).
2. TRUSS BEARING – T.B. (+43'–4") – TYPICAL UNLESS NOTED OTHERWISE.
3. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
4. SEE SHEET S001 AND S002 FOR GENERAL NOTES, LOAD BEARING STUDS AND WALL SHEATHING NOTES.
5. LVL INDICATES LVL MICRO=LAM BY I–LEVEL OR EQUIVALENT.
6. SW1 INDICATES SHEAR WALL 1 – SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title
Roof Framing Plan

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

Phase
Construction Documents

WGPM, Inc.
Fright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S205

Hampton Inn and Suites

ROOF HEADER, SILL, AND JAMB SCHEDULE

RH1 3 – 2x6 + PLYWOOD FILLER
RH2 3 – 2x8 + PLYWOOD FILLER
RH3 3 – 2x10 + PLYWOOD FILLER
RH4 3 – 2x12 + PLYWOOD FILLER
RH5 3 – 1¾"x9¼" LVL + PLYWOOD FILLER

RS1 1 – 2x6 SILL

RJ1 1 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD
RJ2 1 – 2x6 JACK STUD + 2 – 2x6 BYPASS STUD
RJ3 1 – 2x6 JACK STUD + 3 – 2x6 BYPASS STUD
RJ4 2 – 2x6 JACK STUD + 1 – 2x6 BYPASS STUD

NOTES:

1. ALL HEADERS ARE RH1, ALL SILLS ARE RS1 AND ALL JAMB STUDS ARE RJ1 UNLESS NOTED OTHERWISE.

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

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

NOTE!
SEE ARCHITECTURAL DRAWINGS FOR DRAFT STOP TRUSS LOCATIONS – DESIGN TRUSS FOR ADDITIONAL GYPSUM DRYWALL DEAD LOAD – TYPICAL

NOTE!
ALL INTERIOR HEADERS ARE RH1 AND JAMBS ARE RJ1 U.N.O. ALL EXTERIOR HEADERS ARE RH2 AND JAMBS ARE RJ2 U.N.O.

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

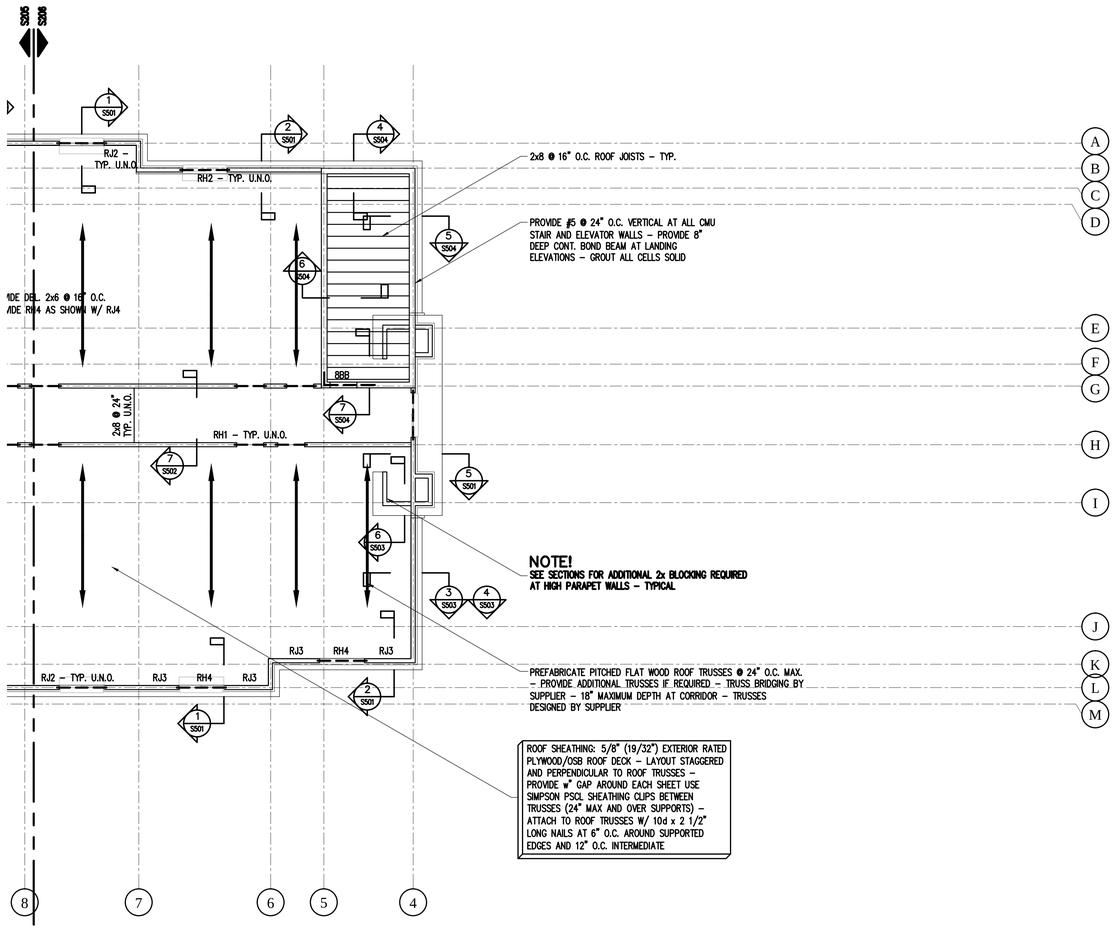
NOTE:
ATTACHMENT OF ALL MECHANICAL UNITS TO SUPPORTING STRUCTURE SHALL BE DESIGNED AND FURNISHED BY MECH. UNIT SUPPLIER TO RESIST LOCAL SEISMIC AND WIND LOADS.

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

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

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

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



NOTE!
PROVIDE DOUBLE 2x6 UNDER RTU CURBS – SEE 6/S501 – TYPICAL

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

NOTE!
DESIGN ALL TRUSSES FOR ALL ADDITIONAL LOADS SHOWN ON CONTRACT DRAWINGS – TYPICAL

NORTH

1/S206 ROOF FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0-0).
2. TRUSS BEARING - T.B. (+43'-4") - TYPICAL UNLESS NOTED OTHERWISE.
3. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
4. SEE SHEET S001 AND S002 FOR GENERAL NOTES, LOAD BEARING STUDS AND WALL SHEATHING NOTES.
5. LVL INDICATES LVL MICRO=LAM BY I-LEVEL OR EQUIVALENT.
6. SW1 INDICATES SHEAR WALL 1 - SEE SHEAR WALL SCHEDULE ON SHEET S002 TYPICAL.

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title
Roof Framing Plan

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

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Released for

Sheet No. S206

Hampton Inn and Suites

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

NORTH

1/S207 HIGH ROOF STAIR AND ELEVATOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS REFERENCED FROM FINISH FLOOR ELEVATION 71.50' (0-0).
2. PLYWOOD ROOF DECK BEARING ELEVATION - SEE ARCHITECTURAL DRAWINGS.
3. CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
4. SEE SHEET S001 AND S002 FOR GENERAL NOTES.

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

MISHRA
ARCHITECTURE PLLC

6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

NOTE!
CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS

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

Drawing Title
High Roof Framing Plan

Phase
Construction Documents

WGPM, Inc.
Fright · Gibson · Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

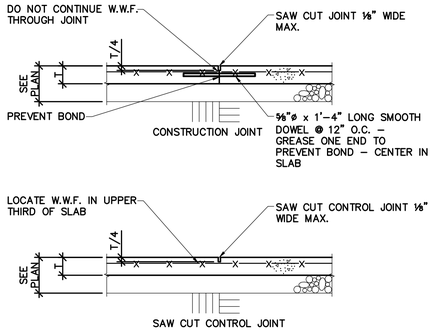
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

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

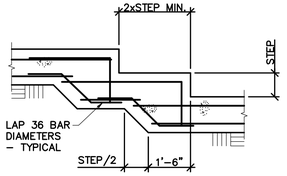
Sheet No. S207

Hampton Inn and Suites

NOTE!
PROVIDE @ 10'–0" O.C. MAXIMUM AND AT ALL RE–ENTRANT CORNERS – TYPICAL



1 S301 **CONTROL/CONSTRUCTION JOINT**
3/4" = 1'–0"

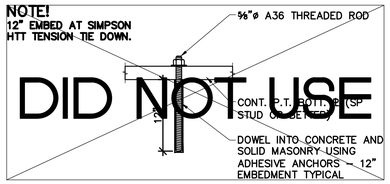


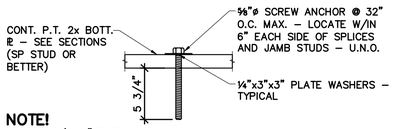
NOTE!
CONTRACTOR SHALL COORDINATE/VERIFY LOCATION OF FOOTING STEPS WITH FINISHED GRADING PLAN. PROVIDE 8" MINIMUM COVER ABOVE FOOTING.

2 S301 **TYPICAL FOOTING STEP**
NO SCALE

NOTE!
12" EMBED AT SIMPSON HTT TENSION TIE DOWN.

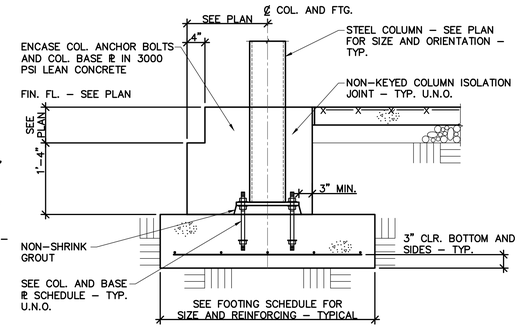
DID NOT USE



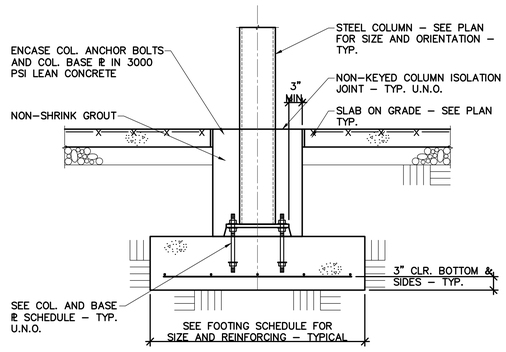


NOTE!
LOCATE W/IN 6" EACH SIDE OF SPLICES AND JAMB STUDS – TYP. U.N.O.

3 S301 **SILL PLATE DETAIL**
1 1/2" = 1'–0"



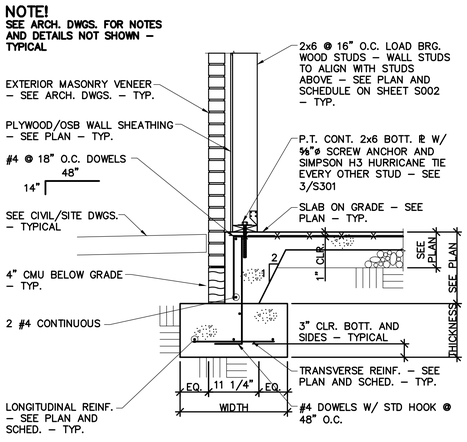
4 S301 **SECTION EXTERIOR COLUMN FOOTING**
3/4" = 1'–0"



5 S301 **SECTION INTERIOR COLUMN FOOTING**
3/4" = 1'–0"

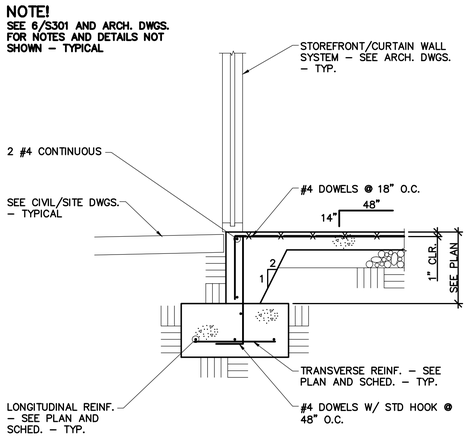
NOTE!
PROVIDE ¼"x3"x0'–3" PLATE WASHER AT ALL SCREW ANCHORS – SEE 3/S3.1 – TYP.

NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

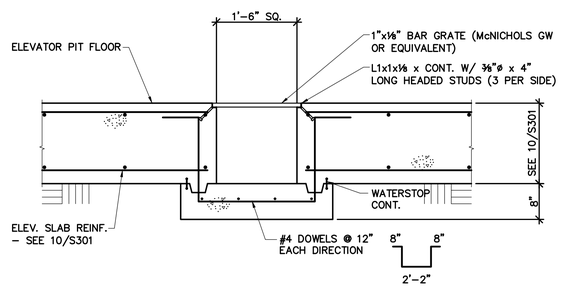


6 S301 **SECTION AT EXTERIOR WALL**
3/4" = 1'–0"

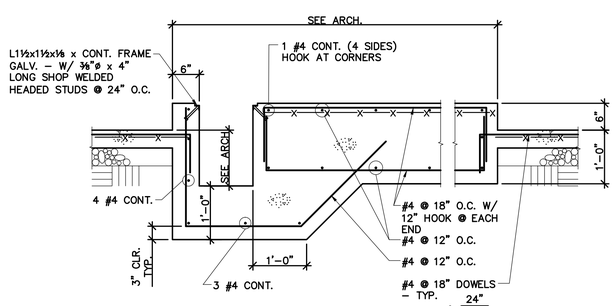
NOTE!
SEE 6/S301 AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL



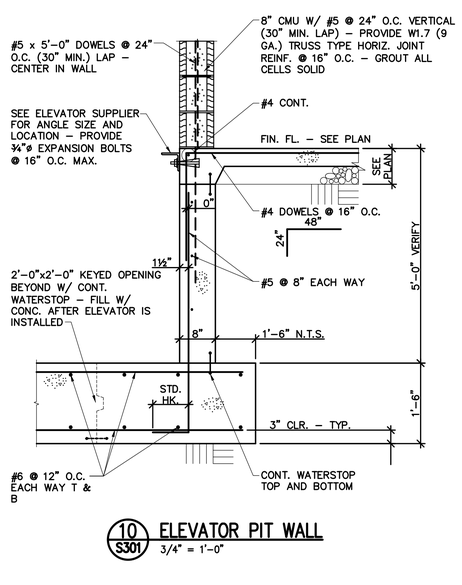
7 S301 **SECTION AT EXTERIOR WALL**
3/4" = 1'–0"



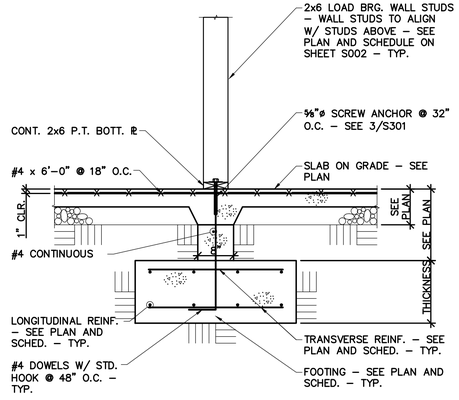
8 S301 **SUMP PUMP PIT DETAIL**
3/4" = 1'–0"



9 S301 **SECTION AT WASHING MACHINE PAD**
3/4" = 1'–0"

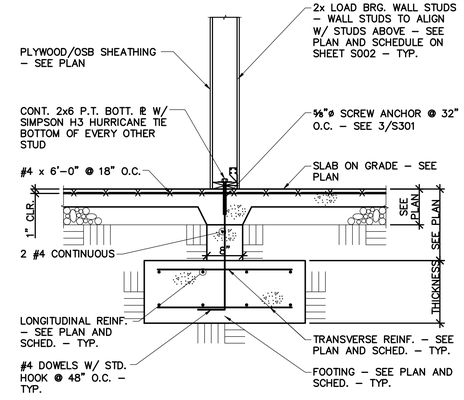


10 S301 **ELEVATOR PIT WALL**
3/4" = 1'–0"



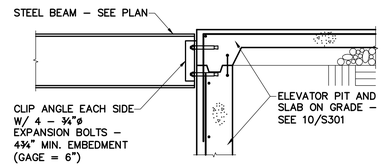
NOTE!
PROVIDE ¼"x3"x0'–3" PLATE WASHER AT ALL SCREW ANCHORS – SEE 3/S301 – TYP.

11 S301 **THICKENED SLAB AT LOAD BEARING WALL**
3/4" = 1'–0"



NOTE!
THIS DETAIL OCCURS ONLY AT SHEAR WALLS SW1 – SPACE SCREW ANCHORS @ 24" O.C. AT ALL SHEAR WALLS – SEE PLANS – TYPICAL

12 S301 **THICKENED SLAB AT SHEAR WALL**
3/4" = 1'–0"



13 S301 **W12 AT ELEVATOR PIT**
3/4" = 1'–0"

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Foundation Sections and Details

Phase
Construction Documents

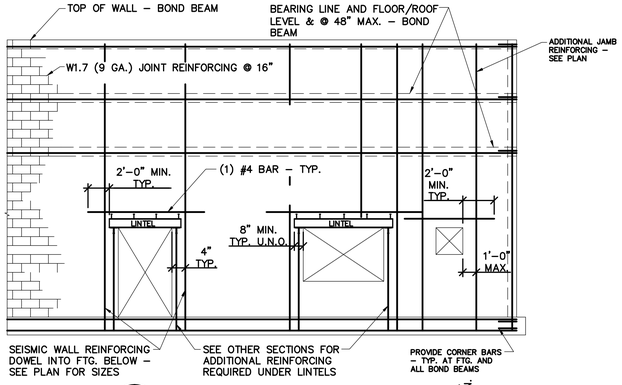
WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S301

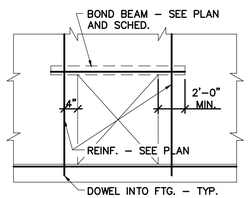
Hampton Inn and Suites



1 S302 CMU WALL ELEVATION
NO SCALE – SPECIAL REINF. CMU WALL

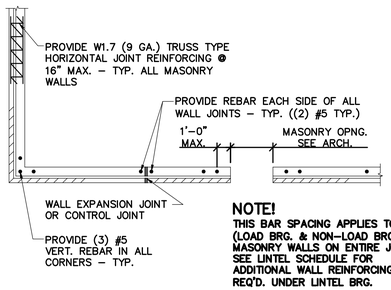
INTERIOR & EXTERIOR SEISMIC MASONRY WALL REQUIREMENTS – (U.N.O.)

1. VERTICAL REBAR (SEE PLAN) DOWELED INTO FOOTING.
2. HORIZONTAL REBAR AT TOP OF WALL, AT BEARING LINES, AT TOP OF FOOTING AND @ 48" O.C. MAX.
3. PROVIDE W1.7 (9 GA.) TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C.
4. PROVIDE REBAR (OR LINTEL) AROUND OPENINGS.
5. VERTICAL REBAR REQ'D EA. SIDE OF ALL VERT. WALL JOINTS (CONTROL & EXPANSION JOINTS).
6. LAP VERTICAL REBAR 48 BAR@ (MIN. LAP 24").
7. GROUT ALL CELLS SOLID WHERE REBAR OCCURS.
8. ALL VERTICAL REBAR TO BE POSITIONED IN BLOCK CELL BY PREFABRICATED WIRE POSITIONER – SUBMIT FOR APPROVAL.
9. SEE BEAM OR LINTEL BEARING DETAILS FOR ADDITIONAL WALL REINFORCING REQUIRED UNDER LINTELS.
10. ALL BRICK TIES SHALL CONFORM WITH SEISMIC DESIGN CATEGORY REQUIREMENTS – SUBMIT FOR APPROVAL.
11. CONSTRUCT ALL WALLS IN 4'–0" LIFTS.
12. SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN.



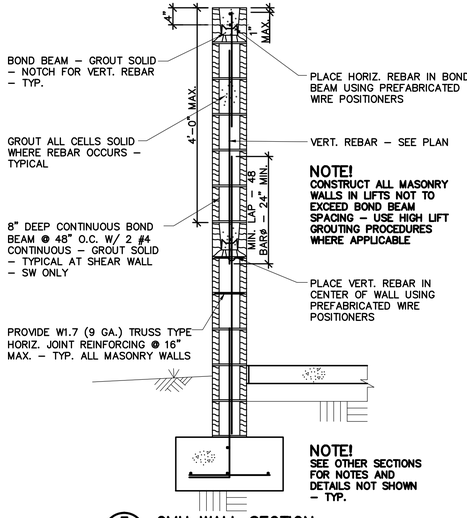
5 S302 CMU BOND BEAM ELEVATION
NO SCALE SDC=D

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



NOTE!
THIS BAR SPACING APPLIES TO ALL (LOAD BRG. & NON–LOAD BRG.) MASONRY WALLS ON ENTIRE JOB. SEE LINTEL SCHEDULE FOR ADDITIONAL WALL REINFORCING REQ'D. UNDER LINTEL BRG.

2 S302 CMU WALL REINFORCING
NO SCALE

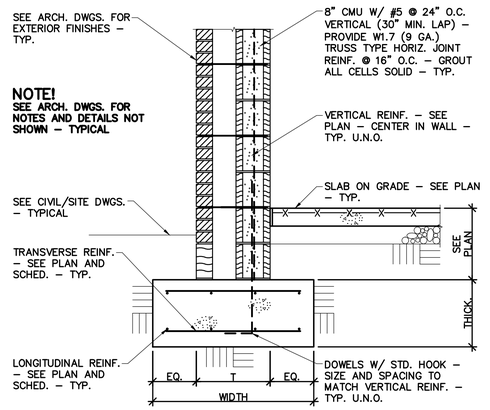


NOTE!
CONSTRUCT ALL MASONRY WALLS IN LIFTS NOT TO EXCEED BOND BEAM SPACING – USE HIGH LIFT GROUTING PROCEDURES WHERE APPLICABLE

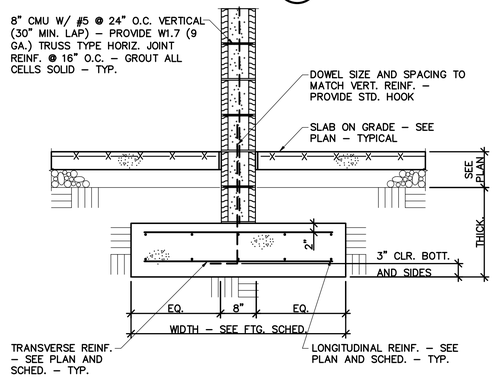
NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYP.

3 S302 CMU WALL SECTION
NO SCALE

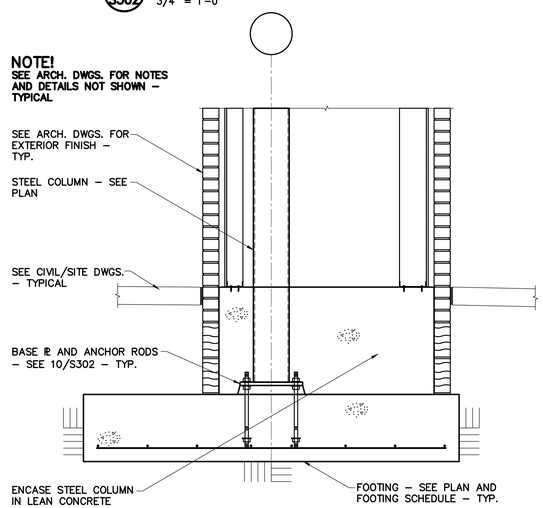
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL



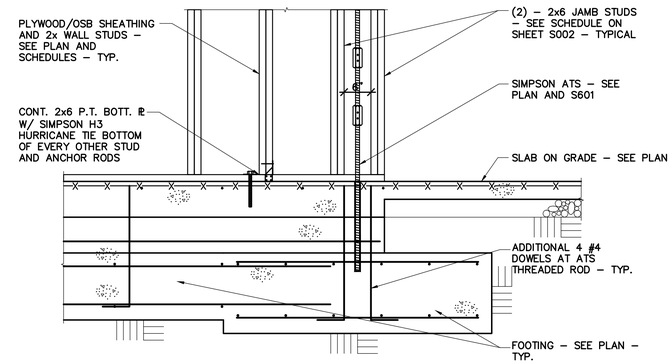
4 S302 SECTION AT EXTERIOR WALL
3/4" = 1'–0"



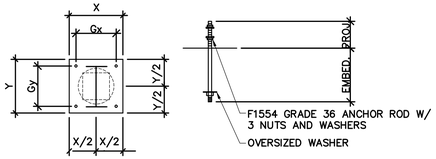
6 S302 INTERIOR WALL FOOTING
3/4" = 1'–0"



9 S302 SECTION AT COLUMN
3/4" = 1'–0"



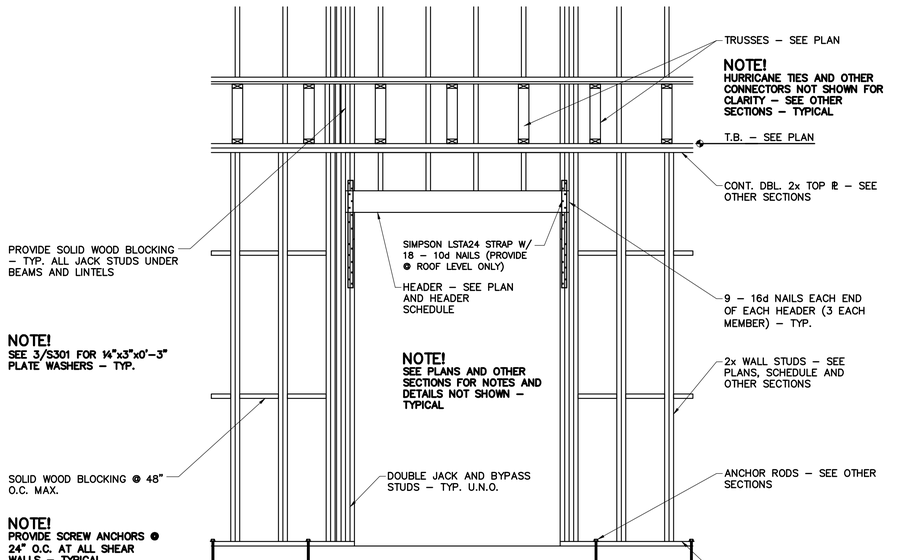
7 S302 ELEVATION AT ATS
3/4" = 1'–0"



COLUMN	BASE PLATE			GAGE		ANCHOR ROD			GROUT
	THICK.	X	Y	Gx	Gy	DIA.	PROJ.	EMBED.	
HSS 5x5	1"	12"	12"	9"	9"	¾"	5"	9"	2"
HSS 8x8	1¼"	16"	16"	12"	12"	1"	6"	15"	2"

NOTE!
PROVIDE PJP GROOVE WELD (⅛" ROOT FACE) ALL AROUND FROM COLUMNS TO BASE PL'S – TYPICAL

10 S302 COL. BASE PL. & ANCH. ROD SCHED.
NO SCALE



8 S302 ELEVATION LOAD BEARING WOOD STUD WALL
NO SCALE

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Foundation Sections and Details

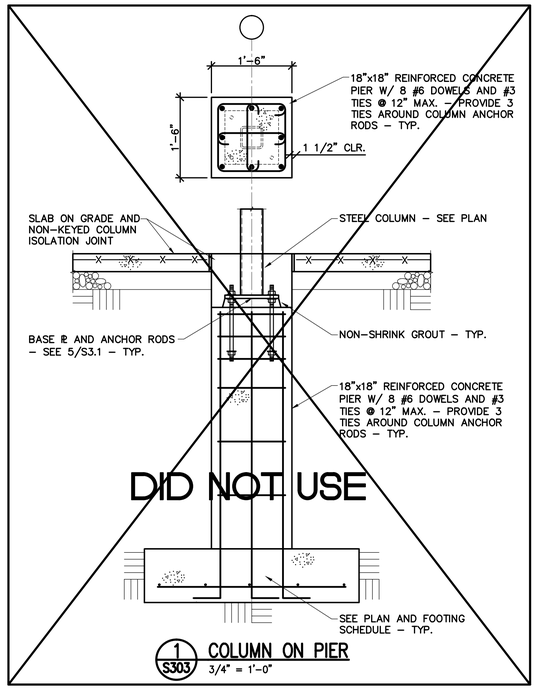
Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

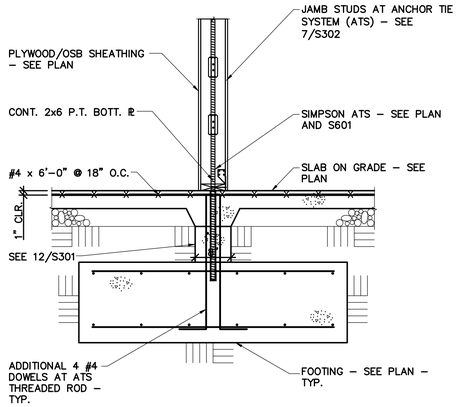
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

Project No. 12-111
Prepared by AB/LW
Checked by HLW
Date September 16, 2013
Sheet No. S302
Released for

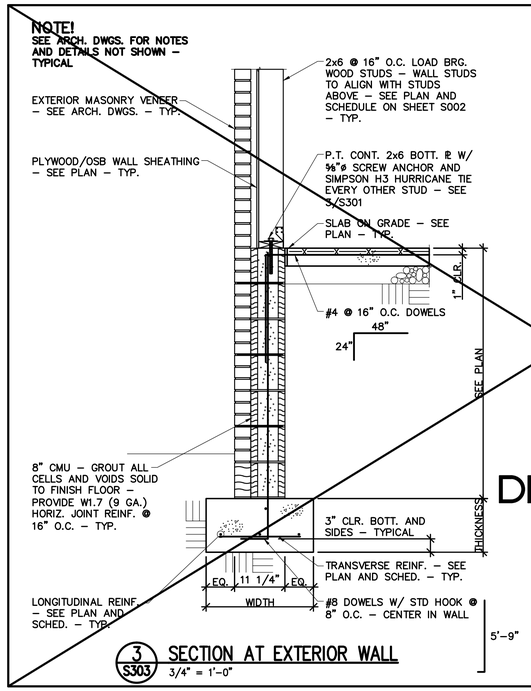
Hampton Inn and Suites



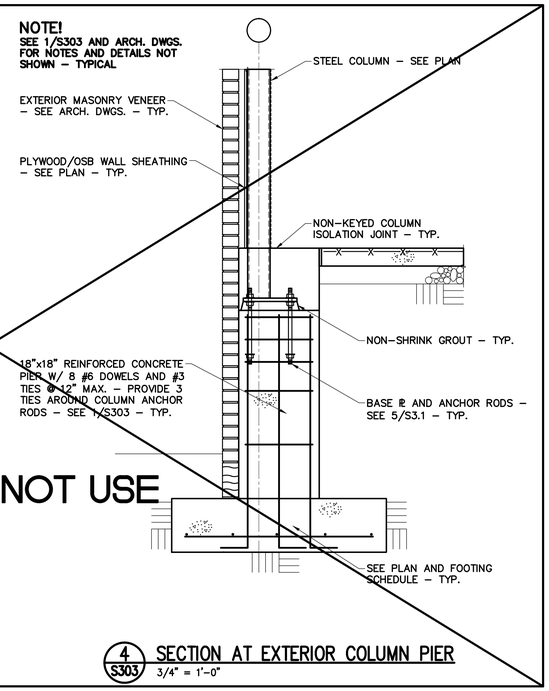
1 S303 COLUMN ON PIER
3/4" = 1'-0"



2 S303 SECTION AT ATS
3/4" = 1'-0"



3 S303 SECTION AT EXTERIOR WALL
3/4" = 1'-0"



4 S303 SECTION AT EXTERIOR COLUMN PIER
3/4" = 1'-0"

MISHRA
ARCHITECTURE PLLC

6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Foundation Sections and Details

Phase
Construction Documents

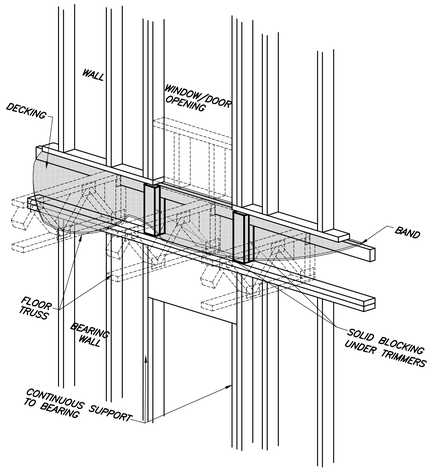
WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

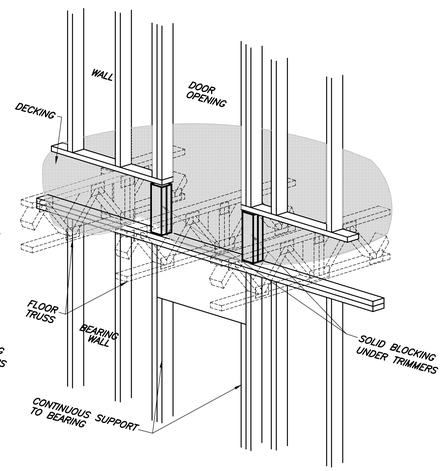
Project No.	12-111
Prepared by	AB/LW
Checked by	HLW
Date	September 16, 2013
Released for	

Sheet No. S303

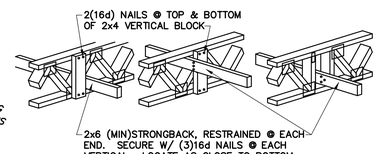
Hampton Inn and Suites



1 S401 BLOCKING IN FLOOR SPACE AT TRUSSES
NO SCALE

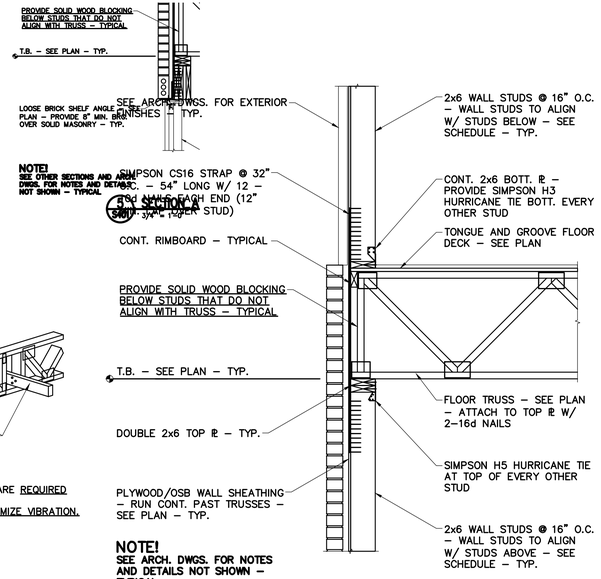


2 S401 BLOCKING IN FLOOR SPACE AT TRUSSES
NO SCALE

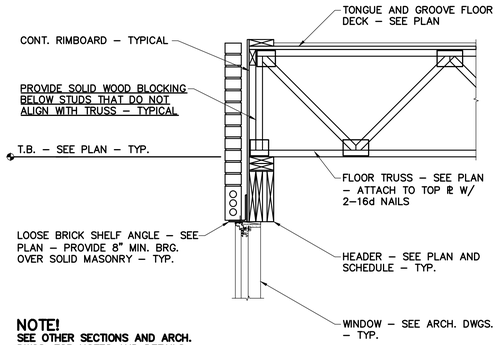


– STRONGBACKS SPACED AT 10'–0" (MAX) ARE REQUIRED TO MAINTAIN CERTAIN FIRE ASSEMBLIES.
– STRONGBACKS ARE RECOMMENDED TO MINIMIZE VIBRATION.

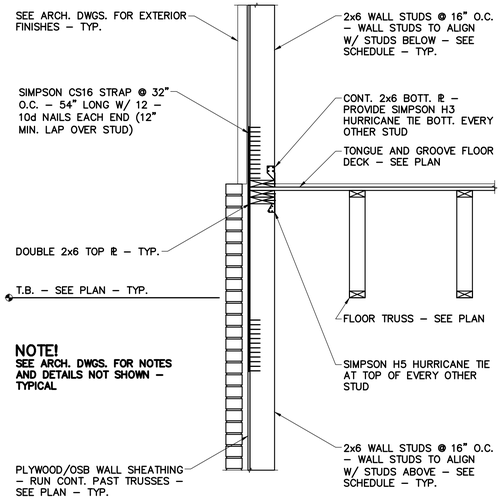
3 S401 STRONGBACK DETAILS
NO SCALE



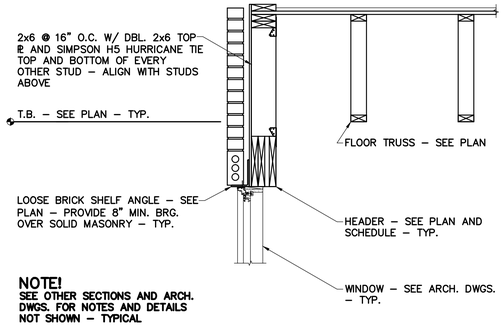
4 S401 SECTION AT FLOOR
3/4" = 1'–0"



5 S401 SECTION AT FLOOR
3/4" = 1'–0"

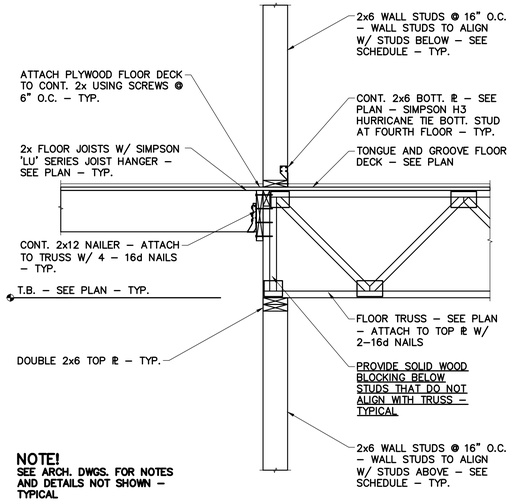


6 S401 SECTION AT FLOOR
3/4" = 1'–0"

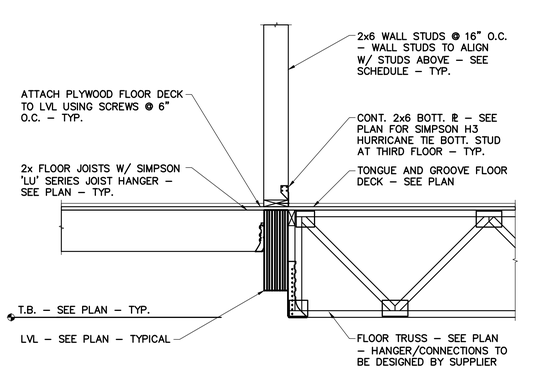


NOTE!
GENERAL CONTRACTORS OPTION TO USE SECTIONS 6 & 7/S401 OR 1 & 2/S402

7 S401 SECTION AT FLOOR
3/4" = 1'–0"



8 S401 SECTION AT CORRIDOR
3/4" = 1'–0"



9 S401 SECTION AT CORRIDOR
3/4" = 1'–0"

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Floor Framing Sections and Details

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

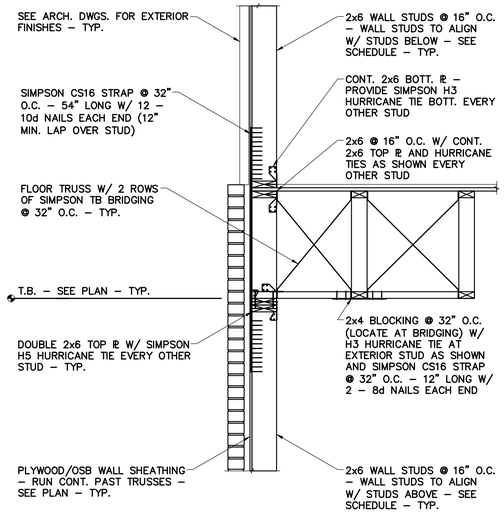
Project No.	12-111
Prepared by	AB/LW
Checked by	HLW
Date	September 16, 2013

Sheet No. S401

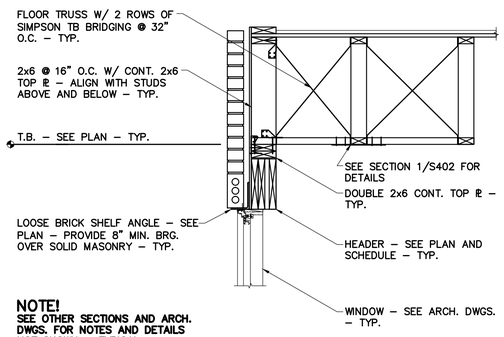
Released for

Hampton Inn and Suites

NOTE!
SEE 6/S401 AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

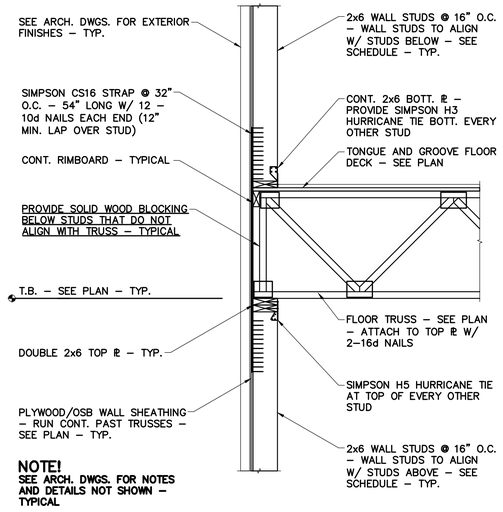


1 S402 **SECTION AT FLOOR**
3/4" = 1'-0"



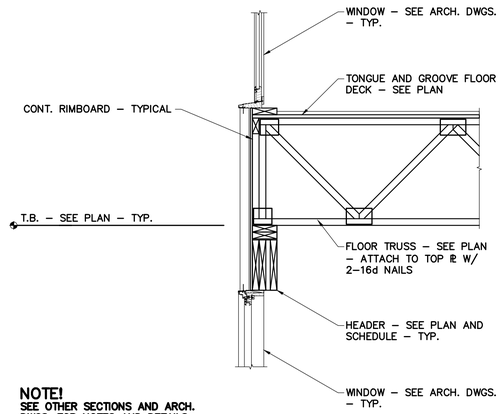
NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

2 S402 **SECTION AT FLOOR**
3/4" = 1'-0"



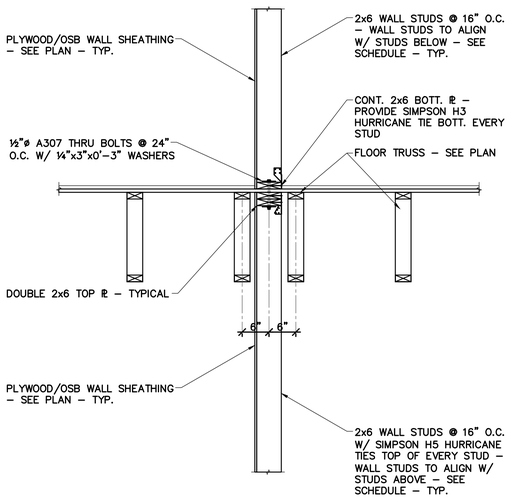
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

3 S402 **SECTION AT FLOOR**
3/4" = 1'-0"

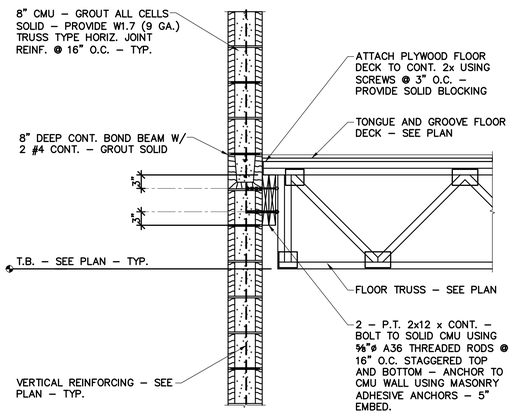


NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

4 S402 **SECTION AT FLOOR**
3/4" = 1'-0"

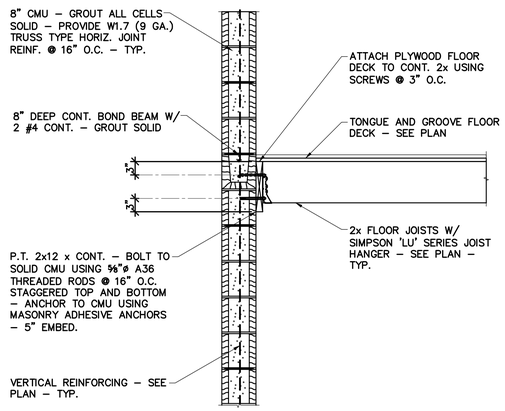


5 S402 **SECTION AT SHEAR WALL**
3/4" = 1'-0"



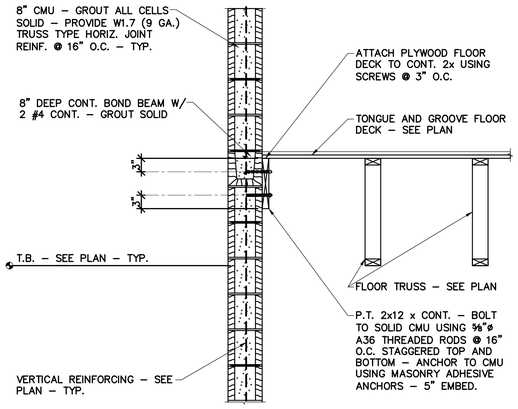
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

6 S402 **SECTION AT CMU WALL**
3/4" = 1'-0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

7 S402 **SECTION AT CMU WALL**
3/4" = 1'-0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

8 S402 **SECTION AT CMU WALL**
3/4" = 1'-0"

MISHRA
ARCHITECTURE PLLC

6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Floor Framing Sections and Details

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

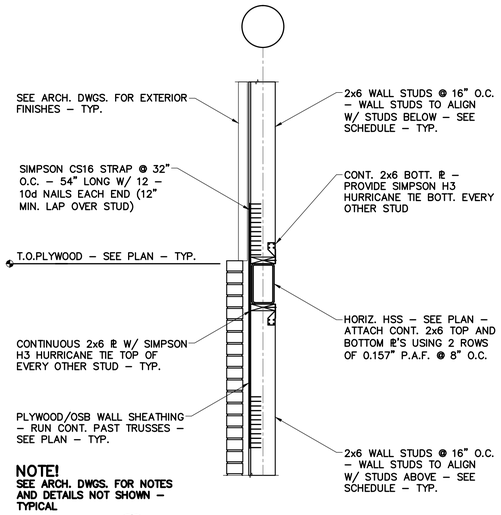
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

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

Sheet No. S402

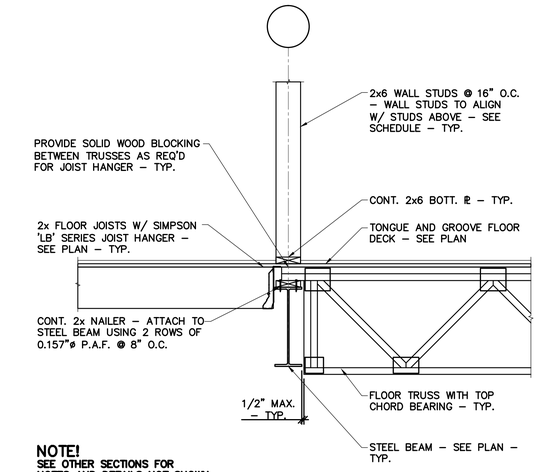
Released for

Hampton Inn and Suites



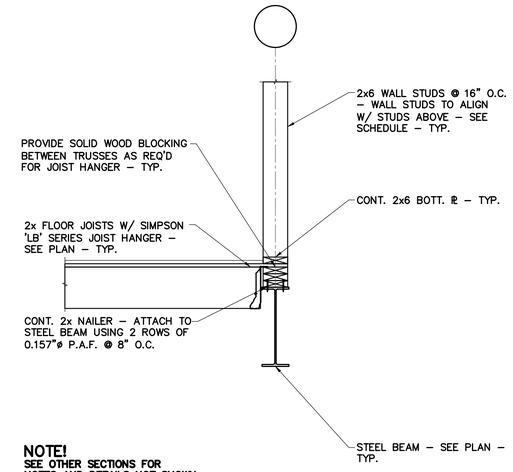
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

1 S403 HORIZ. HSS AT 2 STORY
3/4" = 1'–0"



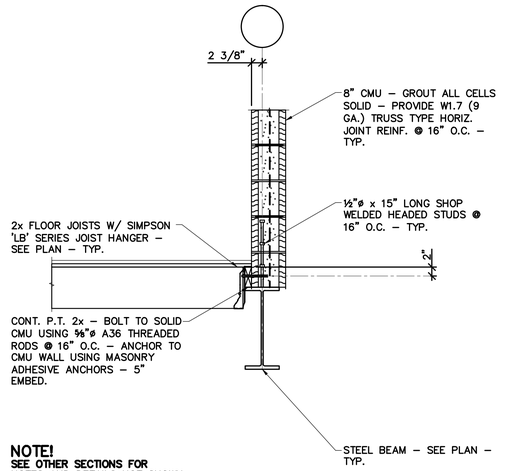
NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

2 S403 SECTION AT STEEL BEAM
3/4" = 1'–0"



NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

3 S403 SECTION AT STEEL BEAM
3/4" = 1'–0"



NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

4 S403 SECTION AT STEEL BEAM
3/4" = 1'–0"

5 S403 SECTION AT DEMISING WALL
3/4" = 1'–0"

NOTE!
SEE OTHER SECTIONS FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

6 S403 STEEL BEAM AT CMU WALL
3/4" = 1'–0"

NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

9 S403 SECTION AT POOL/LOW ROOF
3/4" = 1'–0"

7 S403 SECTION AT FLOOR AND LOW ROOF
3/4" = 1'–0"

8 S403 SECTION AT LOW ROOF
3/4" = 1'–0"

NOTE!
SEE 6/S401 AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

10 S403 SECTION AT FLOOR
3/4" = 1'–0"

NOTE!
GENERAL CONTRACTOR TO COORDINATE EXTENTS AND LOCATION OF FOLDING PARTITION W/ TRUSS SUPPLIER

11 S403 SECTION AT FOLDING PARTITION
3/4" = 1'–0"

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Floor Framing Sections and Details

Phase
Construction Documents

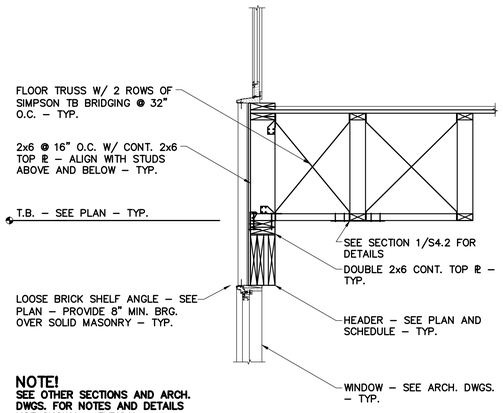
WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

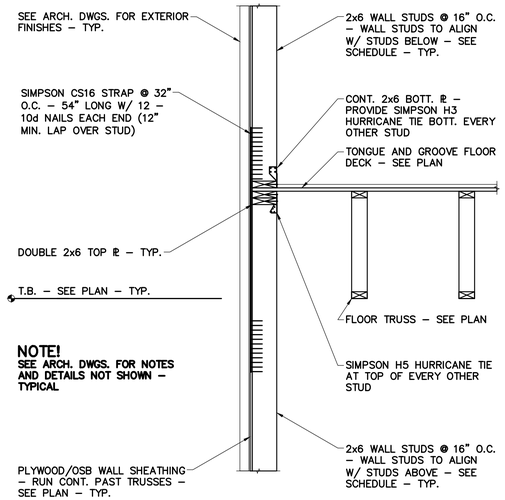
Project No.	12-111
Prepared by	AB/LW
Checked by	HLW
Date	September 16, 2013
Released for	

Sheet No. S403

Hampton Inn and Suites

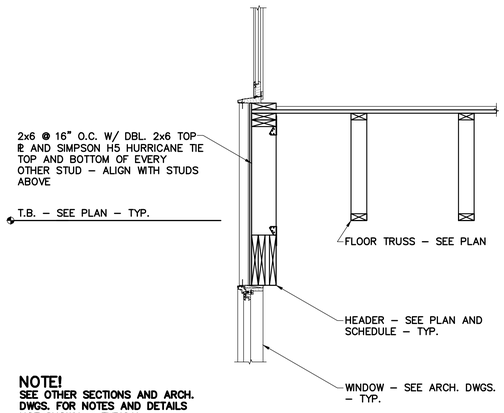


1 S404 SECTION AT FLOOR
3/4" = 1'-0"

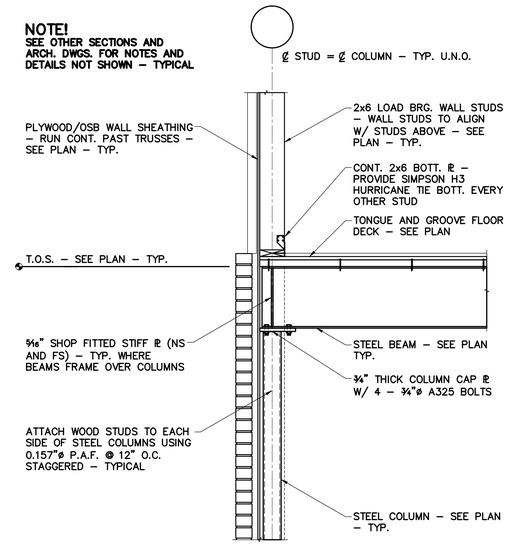


2 S404 SECTION AT FLOOR
3/4" = 1'-0"

NOTE!
GENERAL CONTRACTORS OPTION TO USE SECTIONS 10/S403 & 1/S404 OR 2 & 3/S404



3 S404 SECTION AT FLOOR
3/4" = 1'-0"



4 S401 SECTION AT STEEL BEAM AND COLUMN
3/4" = 1'-0"

MISHRA
ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Floor Framing Sections and Details

Phase
Construction Documents

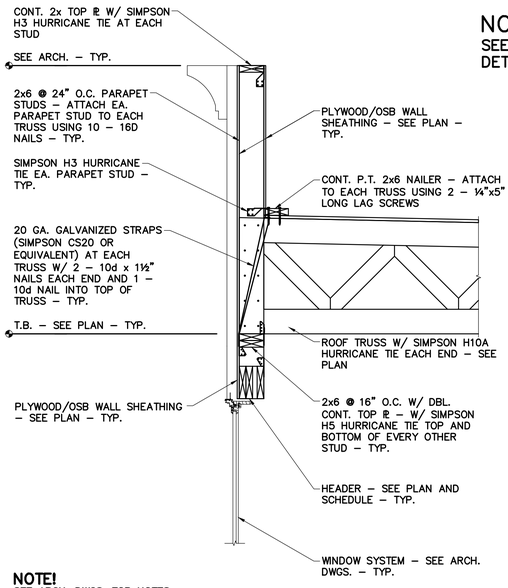
WGPM, Inc.
Wright - Gibson - Patten
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S404

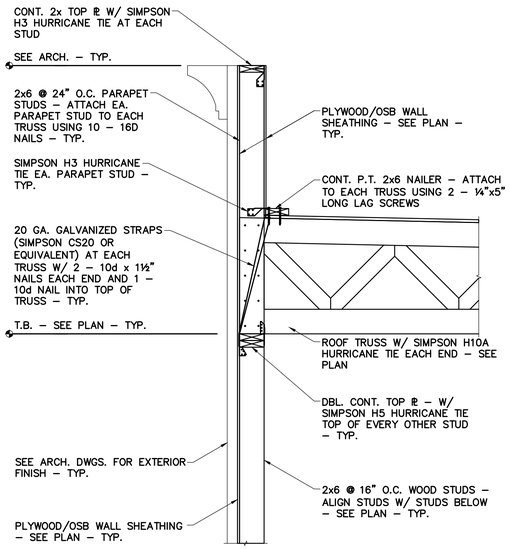
Hampton Inn and Suites



NOTE!
SEE 1/S503 FOR ADDITIONAL DETAILS

NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

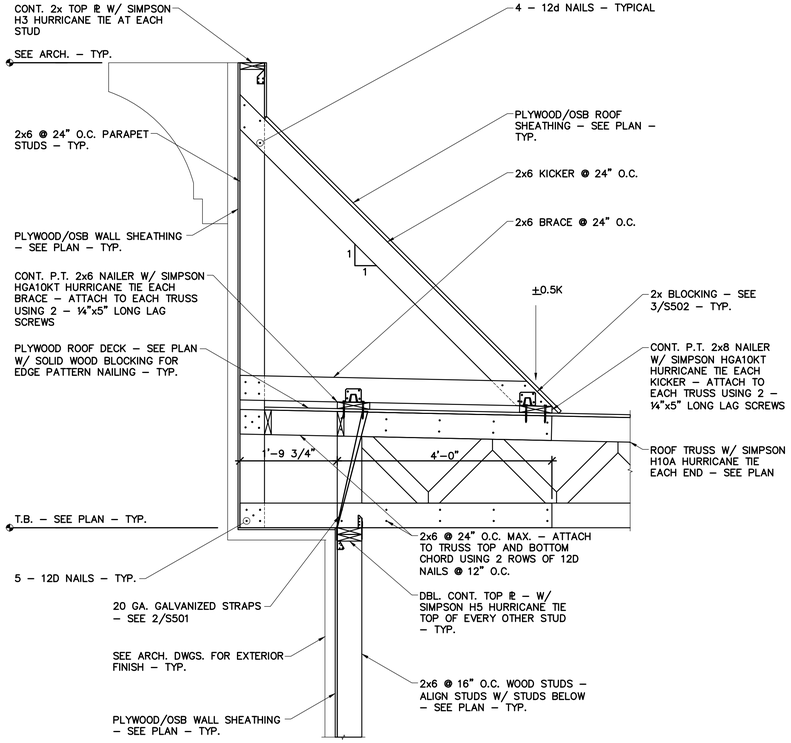
1 S501 **SECTION AT EXTERIOR WALL**
3/4" = 1'-0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

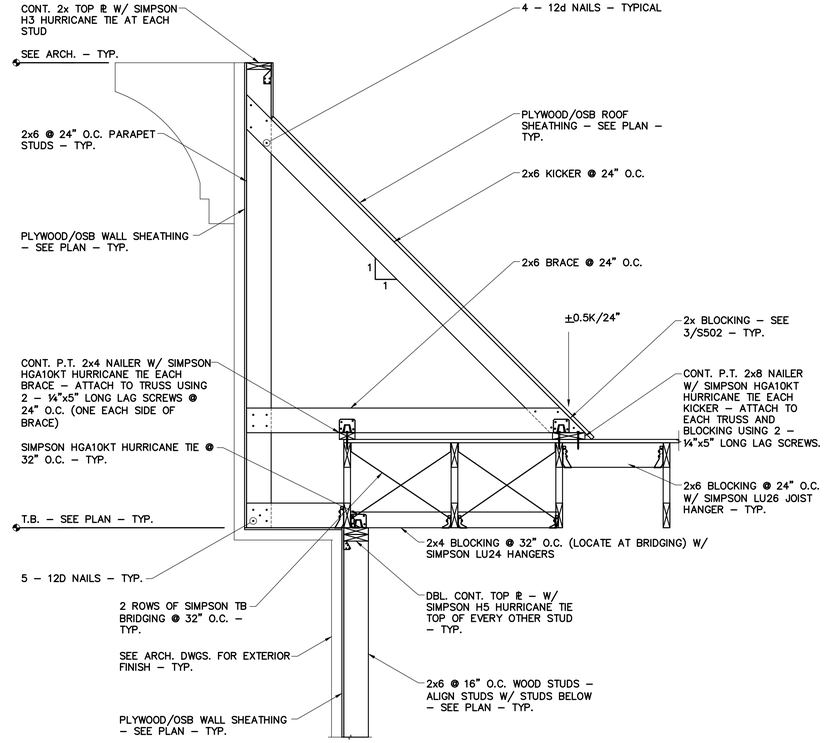
2 S501 **SECTION AT EXTERIOR WALL**
3/4" = 1'-0"

3 S501 **DID NOT USE**
3/4" = 1'-0"



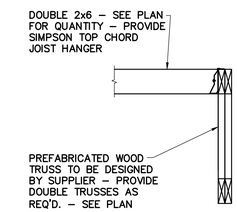
NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

4 S501 **SECTION AT HIGH PARAPET**
3/4" = 1'-0"



NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

5 S501 **SECTION AT HIGH PARAPET**
3/4" = 1'-0"



6 S501 **SECTION AT RTU**
3/4" = 1'-0"

MISHRA
ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Roof Framing Sections and Details

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

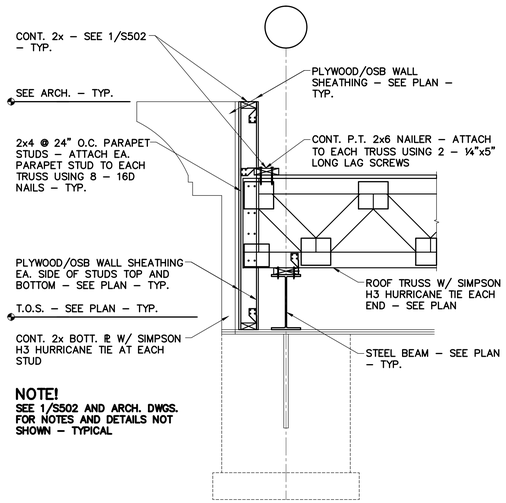
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

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

Sheet No. S501

Released for

Hampton Inn and Suites

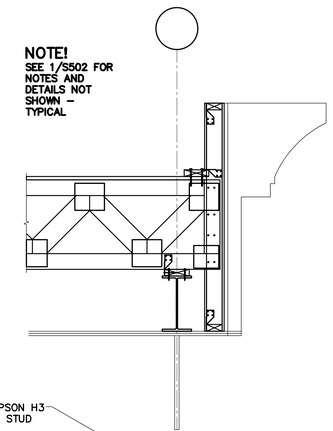


NOTE!
SEE 1/S502 AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

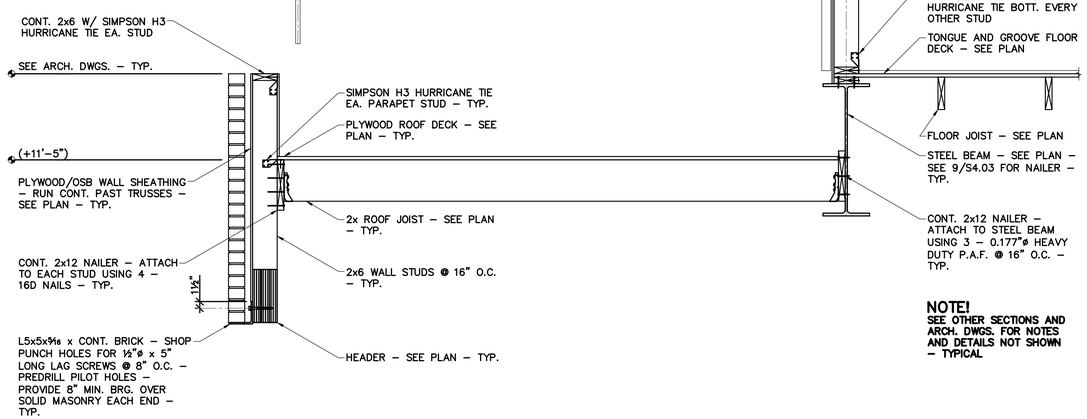
1/S502 SECTION AT CANOPY
3/4" = 1'–0"

2/S502 DID NOT USE
3/4" = 1'–0"

5/S502 DID NOT USE
3/4" = 1'–0"

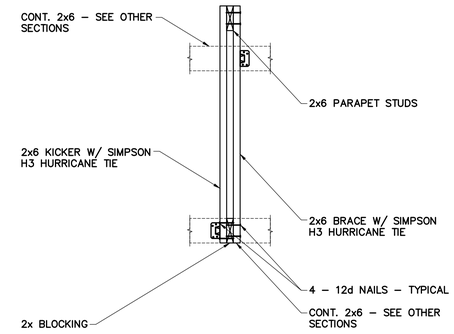


NOTE!
SEE 1/S502 FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

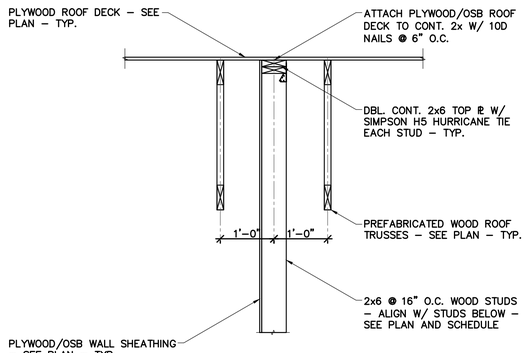


NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

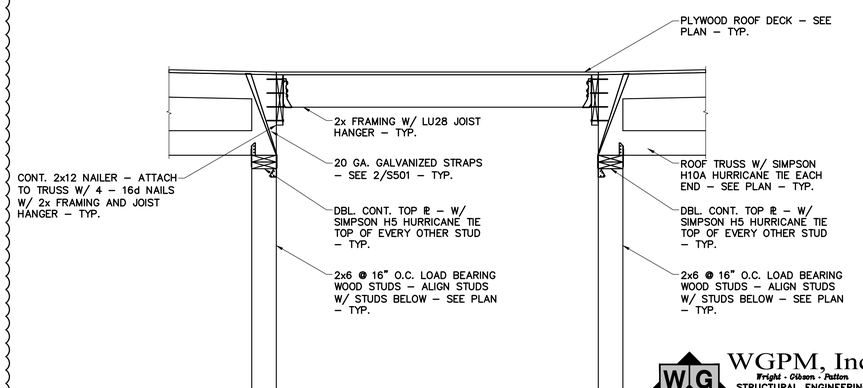
4/S502 SECTION AT ENTRANCE AND CANOPY
3/4" = 1'–0"



3/S502 DETAIL AT ROOF
3/4" = 1'–0"



6/S502 SECTION AT SHEAR WALL
3/4" = 1'–0"



7/S502 SECTION AT CORRIDOR WALL
3/4" = 1'–0"

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Roof Framing Sections and Details

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

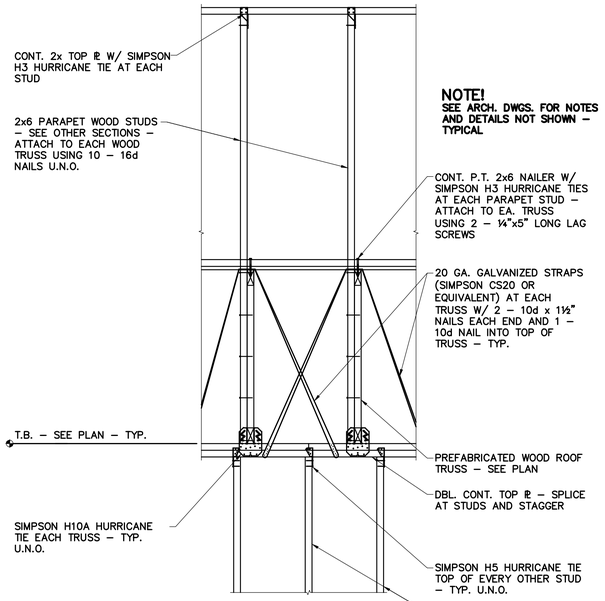
STATE OF LOUISIANA
32440
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

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

Sheet No. S502

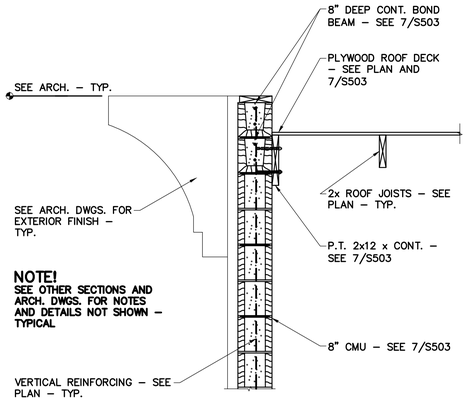
Released for

Hampton Inn and Suites



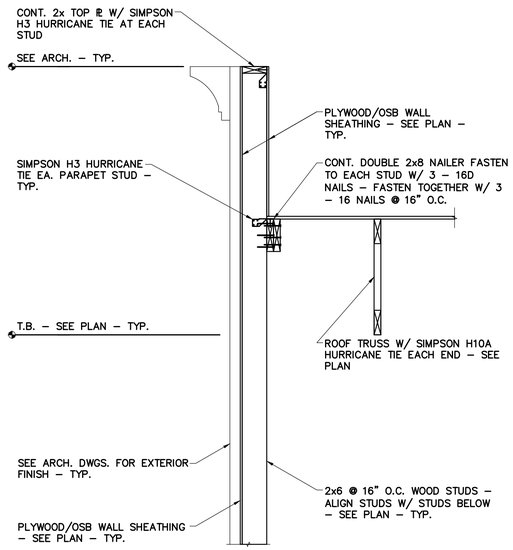
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

1 S503 ELEVATION STUDS AND TRUSSES
3/4" = 1'-0"



NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

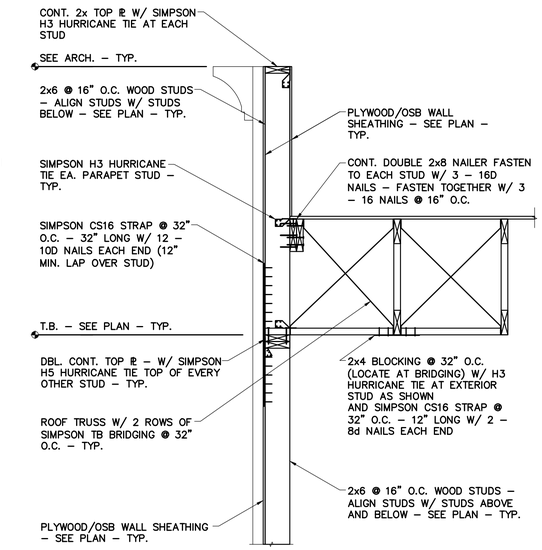
2 S503 SECTION AT STAIR/ELEVATOR
3/4" = 1'-0"



NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

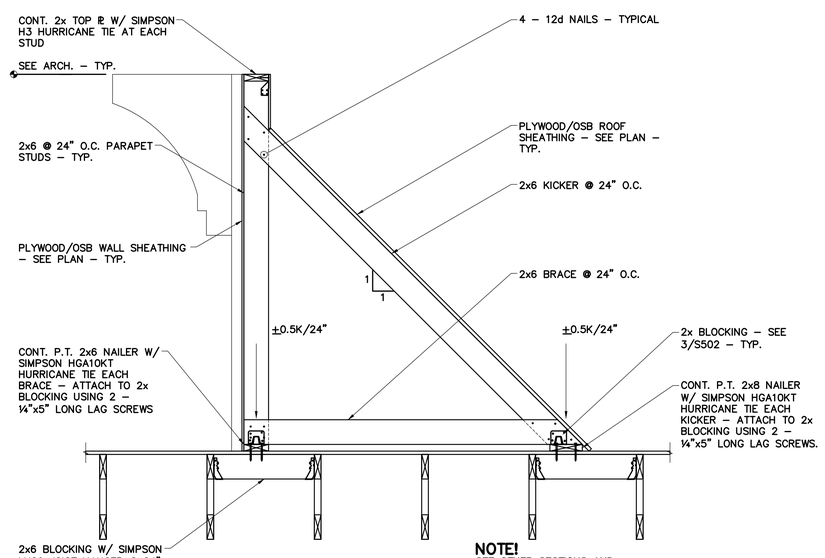
NOTE!
GENERAL CONTRACTORS OPTION TO USE SECTIONS 3/S503 OR 4/S503

3 S503 SECTION AT EXTERIOR WALL
3/4" = 1'-0"



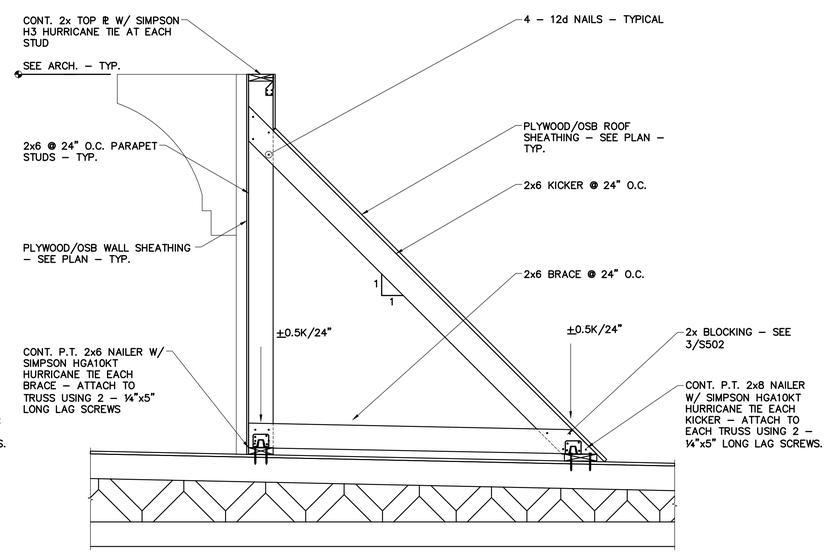
NOTE!
SEE ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

4 S503 SECTION AT EXTERIOR WALL
3/4" = 1'-0"



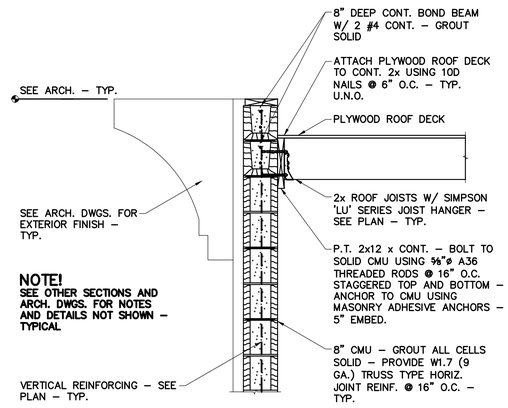
NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

5 S503 SECTION AT PARAPET FRAMING
3/4" = 1'-0"



NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

6 S503 SECTION AT PARAPET FRAMING
3/4" = 1'-0"



NOTE!
SEE OTHER SECTIONS AND ARCH. DWGS. FOR NOTES AND DETAILS NOT SHOWN – TYPICAL

7 S503 SECTION AT STAIR/ELEVATOR
3/4" = 1'-0"

MISHRA ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Roof Framing Sections and Details

Phase
Construction Documents

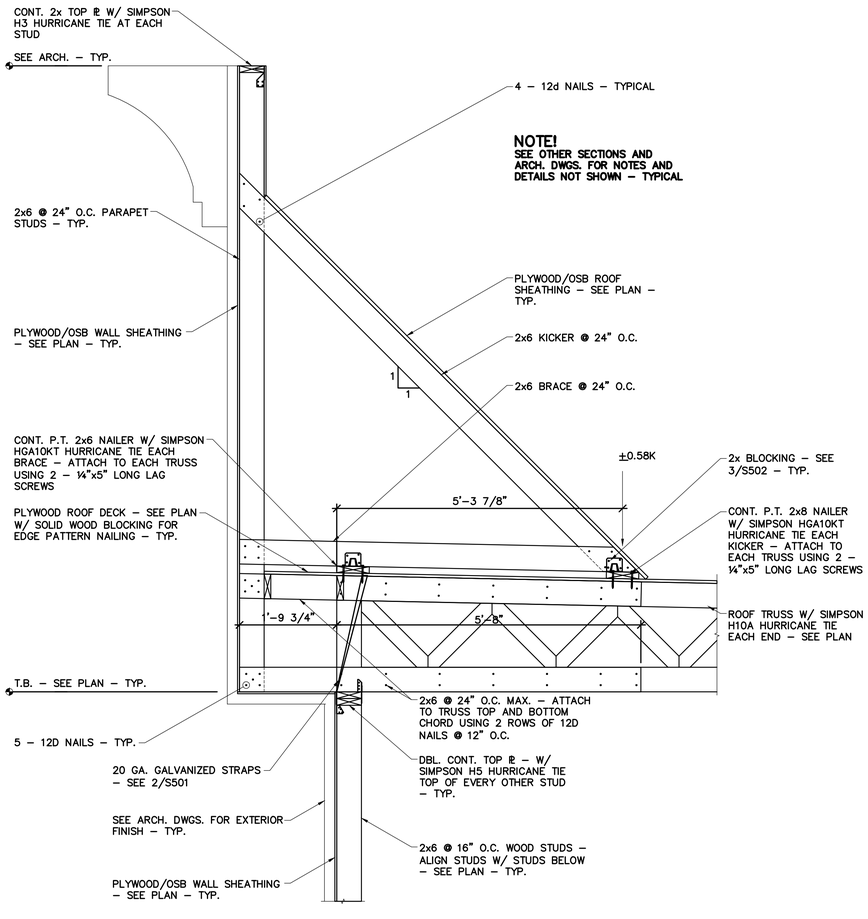
WGPM, Inc.
Wright - Gibson - Patten
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

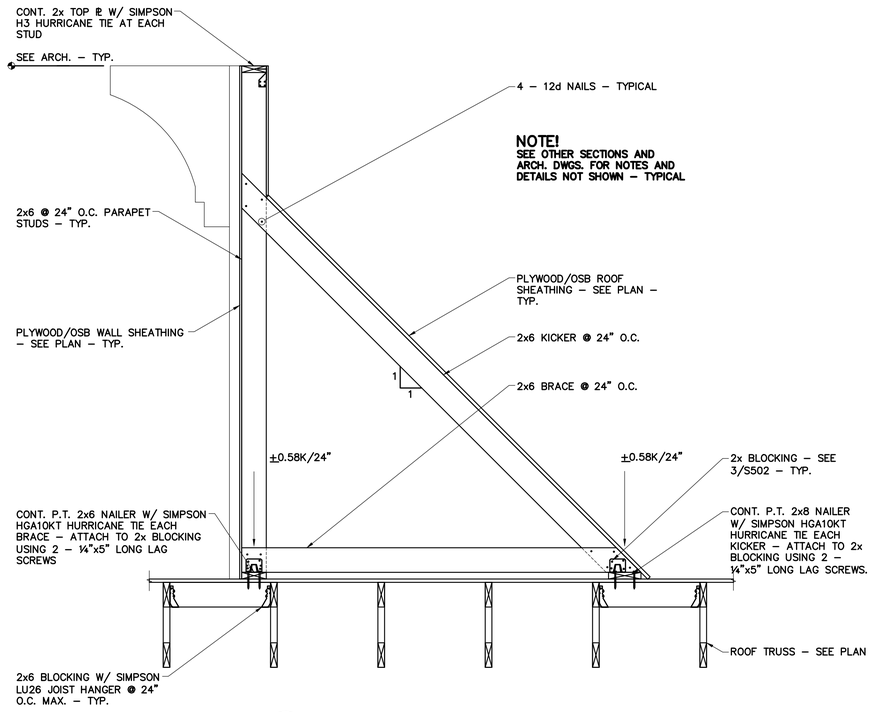
Project No.	12-111
Prepared by	AB/LW
Checked by	HLW
Date	September 16, 2013
Released for	

Sheet No. S503

Hampton Inn and Suites



1 S504 SECTION AT HIGH PARAPET
3/4" = 1'–0"



2 S504 SECTION AT HIGH PARAPET
3/4" = 1'–0"

3 S504 DID NOT USE
3/4" = 1'–0"

MISHRA
ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

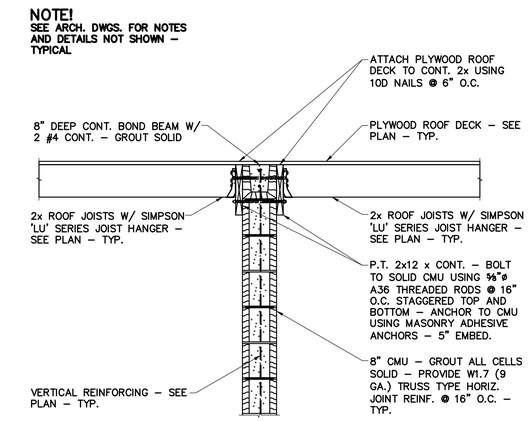
CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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



7 S504 SECTION AT CMU WALL
3/4" = 1'–0"

KEY PLAN

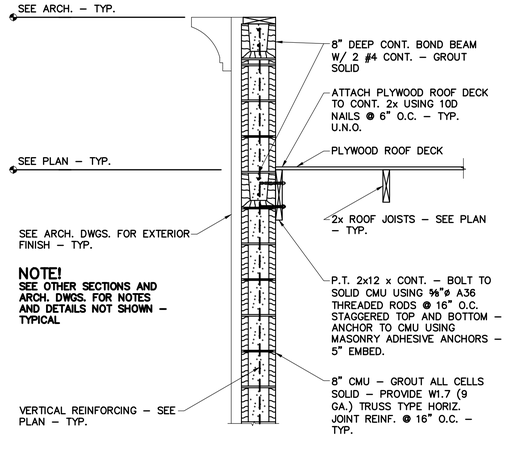
Southern Hospitality Services

Hampton Inn and Suites

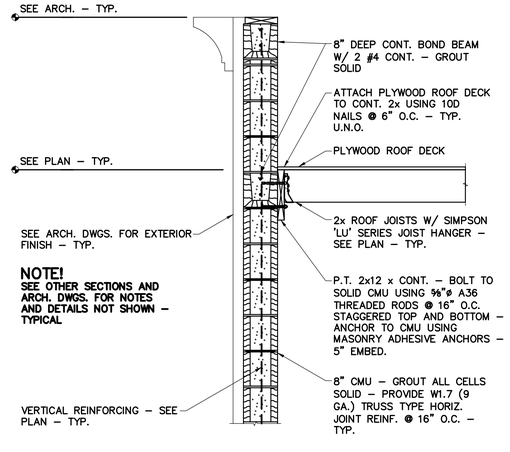
5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Roof Framing Sections and Details

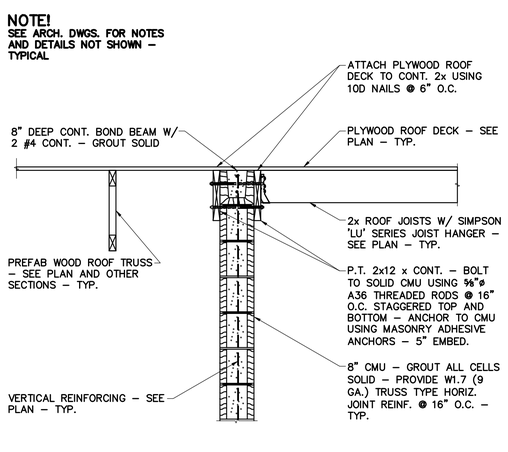
Phase
Construction Documents



4 S504 SECTION AT STAIR ROOF
3/4" = 1'–0"



5 S504 SECTION AT STAIR ROOF
3/4" = 1'–0"



6 S504 SECTION AT CMU WALL
3/4" = 1'–0"

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

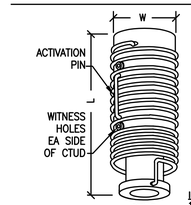
STATE OF LOUISIANA
MARCUS C. GIBSON
License No.32774
PROFESSIONAL ENGINEER
9/16/13

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

Sheet No. S504

Released for

Hampton Inn and Suites

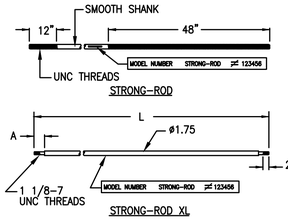


MODEL NO.	THREADED ROD SIZE (IN)	W (IN)	L (IN)	COMPENSATION (IN)
ATS-CTUD55	5/8-5/8	1 7/8	5	1
ATS-CTUD65	3/4-5/8	2	5 1/2	
ATS-CTUD66	3/4-3/4	2	5 1/2	
ATS-CTUD75	7/8-5/8	2	5 1/2	
ATS-CTUD76	7/8-3/4	2	5 1/2	
ATS-CTUD77	7/8-7/8	2	5 1/2	
ATS-CTUD87	1-7/8	2 1/2	6 1/8	
ATS-CTUD88	1-1	2 1/2	6 1/8	
ATS-CTUD97	1 1/8-7/8	2 1/2	6 1/8	
ATS-CTUD98	1 1/8-1	2 1/2	6 1/8	
ATS-CTUD99	1 1/8-1 1/8	2 1/2	6 1/8	

INSTALLATION
1. THREAD THE CTUD ONTO THE THREADED ROD BELOW, POSITIONING IT WITH ACTIVATION PIN FACING OUT.
2. THREAD THE ROD ABOVE INTO THE CTUD. RODS ARE INSTALLED CORRECTLY WHEN VISIBLE THROUGH THE WITNESS HOLES. DO NOT REMOVE ACTIVATION PIN UNTIL THE ISOLATOR NUT (IN) IS INSTALLED AT LEVEL ABOVE.
3. SECURE ROD AT LEVEL ABOVE WITH BEARING PLATE AND IN. ATTACH IN TO SOLE PLATE WITH PROVIDED SCREW.
4. REMOVE ACTIVATION PIN AFTER LEVEL ABOVE IS SECURED WITH IN.
5. THE CTUD MAY BE INSTALLED IN EITHER DIRECTION.

1 COUPLING TAKE UP DEVICE (CTUD)

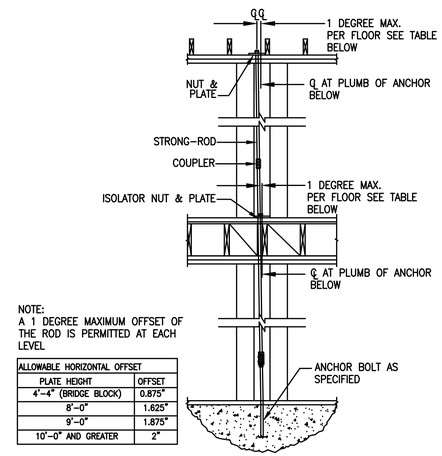
STRONG-ROD MODEL NO.	ROD DIA. IN.	COLOR CODE
SR4	1/2	YELLOW
SR5	5/8	BLUE
SR6	3/4	RED
SR7	7/8	GREEN
SR8	1	WHITE
SR9	1 1/8	ORANGE
SR10	1 1/4	PURPLE
SR5H	5/8	BLUE
SR6H	3/4	RED
SR7H	7/8	GREEN
SR8H	1	WHITE
SR9H	1 1/8	ORANGE
SR10H	1 1/4	PURPLE
SR9H150	1 1/8	ORANGE
SR10H150	1 1/4	PURPLE



STRONG-ROD XL MODEL NO.	ROD DIA. 3 IN.	A	L	COLOR CODE
SR9H/14-5	1 3/4-1 1/8	6"	6'-0"	ORANGE
SR9H/14-7	1 3/4-1 1/8	2 1/2"	7'-5"	
SR9H150/14-7	1 3/4-1 1/8	2 1/2"	7'-5"	

NOTES
1. STRONG-ROD IS UNCOATED OR PLAIN BLACK STEEL.
2. STRONG-ROD MODEL DESIGNATION: THE NUMBER FOLLOWING ATS-SR(#) REPRESENTS THE ROD DIAMETER IN 1/8" (i.e. ATS-SR5 IS A 5/8" DIAMETER ROD).
3. STRONG-ROD XL ARE 1 3/4" DIA WITH 1 1/8" THREADED ENDS AND ARE USED TO REDUCE ELONGATION.
4. ATS-R MAY BE SUPPLIED IN PLACE OF SAME SIZE ATS-SR. ATS-HSR MAY BE SUPPLIED IN PLACE OF SAME SIZE ATS-SRH.

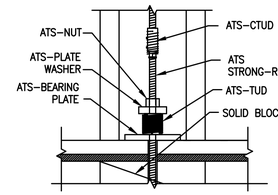
2 COUPLING TAKE UP DEVICE (CTUD)



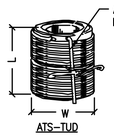
NOTE:
A 1 DEGREE MAXIMUM OFFSET OF THE ROD IS PERMITTED AT EACH LEVEL

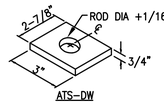
ALLOWABLE HORIZONTAL OFFSET	
PLATE HEIGHT	OFFSET
4'-4" (BRIDGE BLOCK)	0.875"
8'-0"	1.625"
9'-0"	1.875"
10'-0" AND GREATER	2"

3 ALLOWABLE ROD OFFSET



MODEL NO.	MAXIMUM THREADED ROD SIZE (IN)	W (IN)	L (IN)	COMPENSATION (IN)
ATS-ATUD5	5/8	1 3/8	2	3/4
ATS-ATUD9	1 1/8	2 1/8	2 1/4	1
ATS-TUD9	1 1/8	2 1/8	2 1/4	1
ATS-ATUD9-2	1 1/8	2 1/8	3 7/8	2
ATS-TUD10	1 1/4	2 3/8	2 1/4	1

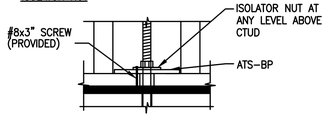




INSTALLATION
1. PLACE TUD OVER ROD FROM LEVEL BELOW ONTO APPROPRIATE BEARING PLATE.
2. INSTALL PLATE WASHER, AND SECURE THE NUT ON TOP. FINGER TIGHTEN NUT PLUS AN ADDITIONAL 1/2 TO 1/3 TURN WITH WRENCH.
3. REMOVE ACTIVATION PIN.

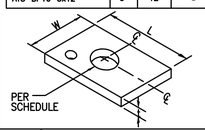
4 TAKE UP DEVICE (TUD)

ISOLATOR NUT



5 ISOLATOR NUT DETAIL

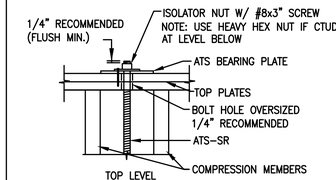
MODEL	ATS PLATE DIMENSIONS					COLOR CODE
	W (IN)	L (IN)	t (IN)	D_{hole} (IN)	D_{rod} (IN)	
ATS-BP5-3x3.5	3	3 ½	⅜	1⅛	⅝	BLUE
ATS-BP5-3x5.5	3	5 ½	⅜	1⅛	⅝	BLUE
ATS-BP5-5x5.5	5	5 ½	¾	1⅛	⅝	BLUE
ATS-BP6-3x5.5	3	5 ½	⅝	1⅜	¾	RED
ATS-BP6-5x5.5	5	5 ½	⅝	1⅜	¾	RED
ATS-BP7-3x5.5	3	5 ½	⅝	1⅝	⅞	GREEN
ATS-BP7-5x5.5	5	5 ½	⅝	1⅝	⅞	GREEN
ATS-BP8-3x5.5	3	5 ½	½	1 ⅛	1	WHITE
ATS-BP8-5x5.5	5	5 ½	½	1 ⅛	1	WHITE
ATS-BP9-3x5.5	3	5 ½	⅝	1 ⅜	1 ⅛	ORANGE
ATS-BP9-5x5.5	5	5 ½	⅝	1 ⅜	1 ⅛	ORANGE
ATS-BP10-3x9	3	9	1	1 ⅝	1 ¼	PURPLE
ATS-BP10-3x12	3	12	1 ½	1 ⅝	1 ¼	PURPLE
ATS-BP10-3x15	3	15	1 ¾	1 ⅝	1 ¼	PURPLE
ATS-BP10-5x9	5	9	1	1 ⅝	1 ¼	PURPLE
ATS-BP10-5x12	5	12	1 ½	1 ⅝	1 ¼	PURPLE

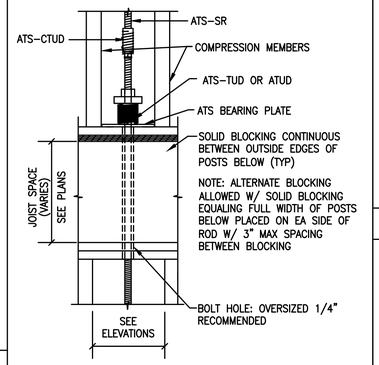


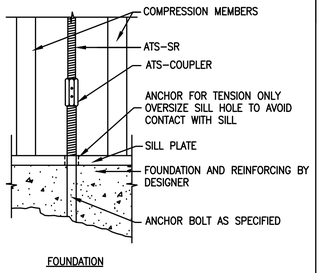
BEARING PLATES ARE COLOR CODED TO MATCH RODS

6 BEARING PLATES

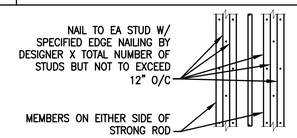
NOTE: NO SPLICE IN TOP PLATE IS PERMITTED WITHIN 8" OF ATS-SR







7 INSTALLATION DETAILS

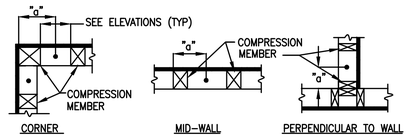


8 SHEARWALL EDGE NAILING

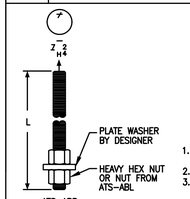
NOMENTCLATURE
ATS – ANCHOR TIEDOWN SYSTEM
HSCN – HIGH STRENGTH COUPLER NUT
CN – COUPLER NUT
HSR – HIGH STRENGTH ROD
SR8H – STRONG ROD – HIGH STRENGTH
BP – BEARING PLATE
TUD – TAKE UP DEVICE
HSC – HIGH STRENGTH COUPLER

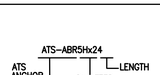
ANCHOR BOLT LAYOUT		
POST SIZE	"a" W/ 6" SPACING BETWEEN STUDS	"a" W/ 9" SPACING BETWEEN STUDS
2x4 or 2x6	4 1/2"	6"
3x4 or 3x6	5 1/2"	7"
2-2x4 or 2-2x6	6"	7 1/2"
2-3x4 or 2-3x6	8"	9 1/2"
4x6 or 6x6	8 1/2"	10"
4x8	10 1/4"	11 3/4"
6x8	10 1/2"	12"
4x10	12 1/4"	13 3/4"
6x10	12 1/2"	14"

1. COMPRESSION MEMBERS DO NOT INCLUDE TRIMMERS.
2. LOCATE ANCHOR BOLT W/ NARROWEST COMPRESSION MEMBER.
3. WHEN SHEARWALLS MEET IN A CORNER AND SHARE A COMMON CORNER POST, THE POST SHALL BE THE LARGER OF THAT SPECIFIED FOR EACH INDIVIDUAL SHEARWALL.



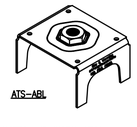
9 ANCHOR BOLT LAYOUT





Units in 1/8" Increments
(Ex: 9 = 9/8 OR 1 1/8"

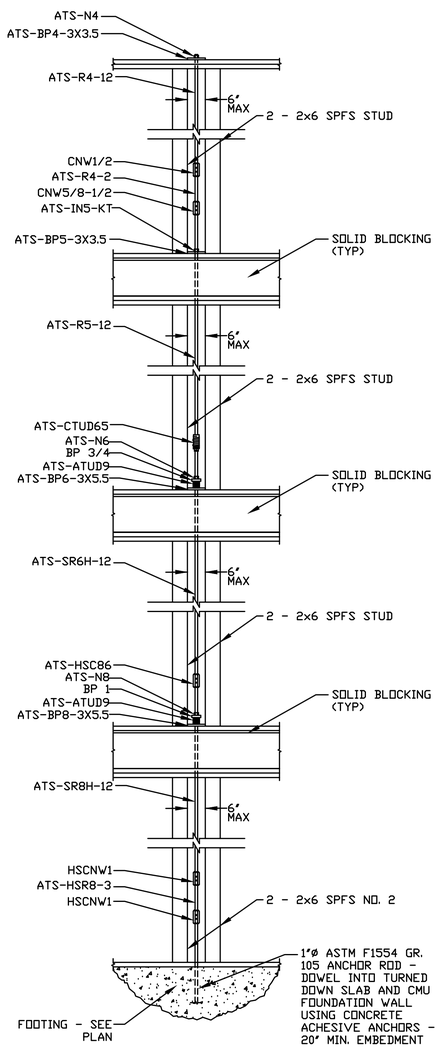
ATS-ABR NOTES
1. ATS ANCHOR BOLTS AVAILABLE IN 5/8" THRU 1 1/4" DIA IN STANDARD AND HIGH STRENGTH.
2. ANCHOR BOLT SIZE AND LENGTH BY DESIGNER.
3. LENGTHS AVAILABLE IN 18", 24", 30", AND 36".



MODEL NO.	ANCHOR BOLT DIAMETER
ABL4-1	1/2"
ABL5-1	5/8"
ABL6-1	3/4"
ABL7-1	7/8"
ABL8-1	1"
ABL9-1	1 1/8"
ABL10-1	1 1/4"

ATS-ABL NOTES AND INSTALLATION
ABL CAN BE USED FOR TENSION OR SHEAR BOLT APPLICATIONS.
MODELS SHOWN PROVIDE 1" STANDOFF. A 1 1/2" STANDOFF ALSO AVAILABLE.
MODELS WITH OST NUTS AVAILABLE FOR USE WITH HDG RODS.
ATTACH ABL TO FRAMEWORK WITH (2) MIN NAILS OR SCREWS.
ATTACH THE UPPER NUT AND PLATE WASHER TO THE ABR OR THREADED ROD.
THREAD THE ABR OR THREADED ROD INTO THE ABL UNTIL IT BOTTOMS OUT ON THE PLATE WASHER.

10 ANCHOR BOLTS & ANCHOR BOLT LOCATOR



11 ATS ELEVATION

MISHRA
ARCHITECTURE PLLC
6800 S Creek Rd, Charlotte, NC 28277
Ph:(704) 625-6554 Fax:(704) 919-5822
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
James W Braswell and Associates
1005 North 4th Street
Monroe, LA 71201
Phone:
Fax:
Email:braswellassociates@yahoo.com

STRUCTURAL:
WGPM, Inc.
11220 Elm Lane, Suite 201
Charlotte, NC 28277
Phone: (704) 542-7199
Fax: (704) 542-7195
Email: lwright@wgpminc.com

ELECTRICAL:
Ritter Engineering
1043 Arroyo Vista Lane
Matthew, NC 28014
Phone: (704) 516-0385
Fax: (704) 644-1464
Email: shane@rittereng.com

MECHANICAL:
Shultz Engineering Group, P.C.
212 North McDowell St., Suite 204
Charlotte, NC 28204
Phone: (704) 334-7363
Fax:(704) 347-0093
Email: don@shultzeg.com

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

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

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

Drawing Title
Simpson Anchor Tiedown System (ATS)

Phase
Construction Documents

WGPM, Inc.
Wright - Gibson - Patton
STRUCTURAL ENGINEERING
11220 Elm Lane, Suite 201
Charlotte, North Carolina 28277
704-542-7199 Fax: 704-542-7195
www.wgpminc.com
JOB NUMBER: 57-13

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

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

Sheet No. S601

Released for

Hampton Inn and Suites