GENERAL NOTES

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1. GENERAL BUILDING CODE: 2012 INTERNATIONAL CODE COUNCIL 2. DESIGN LOADS: ROOF LIVE LOAD 20 PSF PRIVATE ROOMS LIVE LOAD 40 PSF

SEE DIAGRAM THIS SHEET

100 PSF PUBLIC ROOMS LIVE LOAD CORRIDOR LIVE LOAD 100 PSF

WIND LOAD:

THE FOLLOWING LOAD CRITERIA AND FACTORS HAVE BEEN USED IN THE DESIGN OF THIS STRUCTURE: WIND CODE PER SECTION 1609

BASIC WIND SPEED 3-SECOND GUST 115 MPH (Vult) 89 MPH (Vasd) 1.0 IMPORTANCE FACTOR, I RISK CATEGORY EXPOSURE CATEGORY INTERNAL PRESSURE COEFFICIENT, GCpi INTERNAL PRESSURE +0.18-0.18INTERNAL SUCTION COMPONENTS & CLADDING DESIGN PRESSURE (PSF)

SEISMIC DATA: (SOILS REPORT, PROFESSIONAL SERVICES INDUSTRIES, MARCH 7, 2017) SITE CLASS "D" Ss = 1.006g Sms = 1.104g Sds = 0.736g

ASCE 7-10

 $S_1 = 0.350q$ $S_{m1} = 0.595$ $S_{d1} = 0.396q$ 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO STARTING CONSTRUCTION AND THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES WITH ANY WORK SO INVOLVED.

4. ALL PHASES OF THE WORK SHALL CONFORM TO THE MINIMUM STANDARDS AND REQUIREMENTS OF THE LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE

5. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE. WORKERS AND OTHER PERSONNEL DURING CONSTRUCTION.

6. ALL ASTM SPECIFICATIONS NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST REVISIONS.

7. IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONTRACT DRAWINGS OR CALLED FOR IN THE NOTES OR SPECIFICATIONS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR AND SHALL BE REVIEWED BY THE ENGINEER PRIOR TO START OF WORK.

8. EXISTING CONDITIONS DEPICTED ON THESE DRAWINGS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR, AS THEY ARE UNCOVERED DURING THE CONSTRUCTION. IN THE EVENT EXISTING CONDITIONS ARE DIFFERENT THAN SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY AND AWAIT FURTHER INSTRUCTION BEFORE PROCEEDING WITH

9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWING. NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO START OF WORK.

10. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTAL FOR APPROVAL. SPECIFICATIONS AND/OR SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER OF RECORD AND APPROVED PRIOR TO START OF WORK.

11. VERIFY ALL EQUIPMENT LOCATIONS AND OPENINGS THROUGH ROOF, FLOOR AND WALLS WITH ARCHITECTURAL, ELECTRICAL AND MECHANICAL REQUIREMENTS.

STRUCTURAL STEEL SHALL MEET THE LATEST PROVISIONS OF THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.

2. ALL STRUCTURAL STEEL SHALL CONFORM TO FOLLOWING: STRUCTURAL WIDE FLANGE SHAPES ASTM A992 MIN 50 KSI STRUCTURAL M, S & HP SHAPES ASTM A36 ALL OTHER STRUCTURAL SHAPES ASTM A36 STEEL PIPE ASTM A53 GRADE B STEEL TUBING ASTM A500 GRADE B STEEL STUDS ASTM A108

3. ALL STRUCTURAL STEEL SHALL BE DETAILED. FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST PROVISIONS OF THE AISC MANUAL OF STEEL

4. ALL STRUCTURAL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE DESIGN TO RESIST FORCES AS INDICATED, BY THE THE CONTRACTOR, UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. 5. BEARING (N) TYPE CONNECTIONS SHALL BE USED AT ALL SIMPLE SHEAR

CONNECTIONS, UNLESS NOTED OTHERWISE. 6. THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP AND ERECTION DRAWINGS OF ALL STEEL FOR ENGINEER'S REVIEW BEFORE FABRICATION. CONTRACTOR SHALL NOT ERECT ANY STRUCTURAL STEEL UNTIL THE SHOP DRAWINGS ARE REVIEWED BY THE ENGINEER AND ARE RECEIVED AT THE JOB SITE. SHOP AND ERECTION DRAWINGS SHALL CONTAIN ALL INFORMATION NECESSARY TO ERECT ALL STRUCTURAL STEEL IN THE FIELD WITHOUT HAVING TO REFER TO THE STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL NOT CONTAIN ANY REPRODUCTIONS OF THE STRUCTURAL DRAWINGS.

7. ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED BY THE APPLICABLE AUTHORITY AND THE AMERICAN WELDING SOCIETY FOR THE TYPE OF WELDING MADE. ALL WELDS SHALL BE MADE AND INSPECTED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE LATEST EDITION OF THE STRUCTURAL WELDING CODE OF THE AMERICAN WELDING SOCIETY (AWS D1.1).

8. ALL WELDS NOT SPECIFIED SHALL BE CONTINUOUS FILLET WELDS, SIZE OF WELD SHALL BE BASED ON AISC STANDARDS FOR THICKER PART JOINED.

9. ALL PARTIAL AND FULL PENETRATION GROOVE WELDS SHALL HAVE NON— DESTRUCTIVE TESTING PERFORMED BY EITHER ULTRASONIC TESTING OR RADIOGRAPHY.

10. STRUCTURAL STEEL SHALL BE WELDED WITH E70XX ELECTRODES, 11. STRUCTURAL STEEL SHALL BE DELIVERED TO THE JOB SITE FREE OF

EXCESS RUST, MILL SCALE, GREASE, ETC.

12. ALL BOLTS SHALL BE A MINIMUM OF 3/4" IN DIAMETER (U.N.O) AND SHALL CONFORM TO ASTM A325 HIGH STRENGTH, WITH HEX NUTS, AND WASHERS AS REQUIRED UNLESS NOTED OTHERWISE ON THE DRAWINGS.

13. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 UNLESS NOTED OTHER WISE ON THE DRAWINGS.

14. OPENINGS SHALL NOT BE ALLOWED IN STRUCTURAL STEEL UNLESS SPECIFICALLY DETAILED OR WITHOUT ENGINEER'S APPROVAL.

15. CONTRACTOR SHALL ALLOW 3 WEEKS FOR REVIEW OF SHOP DRAWINGS.

1. FOUNDATION DESIGN BASED ON A MAX. BEARING CAPACITY OF OF 2200 PSF FOR SPREAD FOUNDATIONS AND 1700 PSF FOR FOR STRIP FOUNDATIONS PER PSI SOILS REPORT PREPARED ON MARCH 07, 2017, PSI REPORT NUMBER 05021476.

2. IF FIELD CONDITIONS VARY AND/OR ASSUMED BEARING PRESSURE IS INCORRECT NOTIFY ENGINEER OF RECORD PRIOR TO START OF FOUNDATION CONSTRUCTION.

3. A REGISTERED GEOTECHNICAL ENGINEER SHALL BE RETAINED DURING CONSTRUCTION TO INSPECT FOUNDATION EXCAVATION, INSPECT AND MONITOR PLACEMENT OF COMPACTED FILL, AND TO MONITOR PROOF ROLLING OPERATIONS, AS REQUIRED.

TIMBER CONSTRUCTION

1. WOOD FRAMING AND COLUMNS 5 INCHES x 5 INCHES AND LARGER SHALL BE NO.1 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:

Fb = 1350 PSIFv = 110 PSI E = 1,500,000Fc = 375 PSIFcII = 825 PSI2. WOOD FRAMING AND COLUMNS 2-4 INCHES THICK AND 2-4 INCHES WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:

Fc = 565 PSI FcII = 1650 PSIWOOD FRAMING AND COLUMNS 2-4 INCHES THICK AND 5-6 INCHES WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:

Fb = 1500 PSI Fv = 90 PSI E = 1,600,000 PSI

Fb = 1250 PSI Fv = 90 PSI E = 1.600,000 PSIFc = 565 PSI FcII = 1600 PSI 4. WOOD FRAMING AND COLUMNS 2-4 INCHES THICK AND 8 INCHES WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:

FV = 90 PSI E = 1,600.000 PSIFb = 1200 PSIFcII = 1550 PSIFc = 565 PSI5. WOOD FRAMING AND COLUMNS 2-4 INCHES THICK AND 10 INCHES WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:

Fv = 90 PSI E = 1,600,000 PSIFb = 1050 PSIFc = 565 PSI FcII = 1500 PSI . WOOD FRAMING AND COLUMNS 2-4 INCHES THICK AND 12 INCHES WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:

Fb = 975 PSI Fv = 90 PSI E = 1,600,000 PSIFc = 565 PSI FcII = 1450 PSI 7. 2x4 WALL STUDS AND PLATES SHALL BE SOUTHERN PINE IN STUD GRADE WITH Fb = 850 PSI AND E = 1,400,000 PSI. 8. 2x6 WALL STUDS AND PLATES SHALL BE SOUTHERN PINE IN STUD GRADE PSI

WITH Fb = 750 PSI AND E = 1,400,000 PSI.

9. PLYWOOD DECKING AS FOLLOWS: A. ALL WALL SHEATHING AND ROOF DECKING SHALL BE APA RATED FIRE RETARDANT TREATED.

SHEATHING, STRUCTURAL I OR II, EXTERIOR PLYWOOD. B. ROOF SHEATHING SHALL BE 3/4" INCH THICK MINIMUM, PANEL PANEL IDENTIFICATION INDEX 48/24 PLYWOOD. LONG DIMENSION OF PANEL PERPENDICULAR TO SUPPORTS. USE T-111 ROOF DECKING IN EXPOSED AREAS. ALL PLYWOOD TO BE FIRE RETARDANT TREATED.

C. STAGGER ENDS OF SHEETS. D. PROVIDE BLOCKING AT EDGES OF ALL SHEAR WALL PANELS AND ROOF SHEETS.

E. ROOF SHEATHING NAILING: (U.N.O) 4 INCHES o.c. MAXIMUM SPACING PANEL EDGES 6 INCHES o.c. MAXIMUM SPACING INTERMEDIATE SUPPORTS F. USE MINIMUM 8d NAILS.

10. TRUSSES SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST SPECIFICATIONS AND RECOMMENDATIONS OF THE "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED TRUSSES" BY THE TRUSS PLATE INSTITUTE (TPI).

11. TRUSS MANUFACTURER SHALL SUBMIT FOR APPROVAL CALCULATIONS AND SHOP DRAWINGS FOR DETAILS, FABRICATION AND ERECTION OF WOOD TRUSSES. DRAWINGS SHALL INCLUDE LAYOUT, SPACING, MATERIAL, MEMBER PROPERTIES AND DETAILS OF CONNECTION FOR ALL TIMBER FRAMING INDICATED ON THE DRAWINGS. TRUSSES SHALL BE DESIGNED TO RESIST THE FORCES AS INDICATED. BY THE FABRICATOR. UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE

WHERE THE PROJECT IS LOCATED. 12. TRUSS MANUFACTURER SHALL DESIGN FOR THE FOLLOWING SUPERIMPOSED

ROOF TOP CHORD DEAD LOAD 26 PSF ROOF TOP CHORD LIVE LOAD 20 PSF BOTTOM CHORD DEAD LOAD 10 PSF DESIGN ROOF TRUSSES TO RESIST A NET UPLIFT PRESSURE APPLIED NORMAL TO THE ROOF PLANE AS REQUIRED IN SECTION 1606 OF THE STANDARD BUILDING CODE.

13. IN ADDITION, WOOD TRUSSES SHALL BE DESIGNED FOR ALL CONCENTRATED LOADS HUNG FROM OR SUPPORTED ON TRUSSES. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOADING INFORMATION AND LOCATIONS. LOADING AS REQUIRED BY OTHER SUBCONTRACTORS, SUCH AS FIRE PROTECTION SHALL BE COORDINATED BY THE GENERAL CONTRACTOR.

14. TEMPORARY BRACING SHALL NOT IMPOSE ANY FORCE ON THE SUPPORTING STRUCTURE. PERMANENT BRACING FORCES SHALL BE TRANSFERRED TO THE ROOF DIAPHRAGM BY THE BRACING DESIGN PROVIDED BY THE TRUSS

15. ALL SAWN LUMBER IN CONTACT WITH STEEL, MASONRY OR CONCRETE SHALL BE CCA PRESSURE TREATED IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS ASSOCIATION (AWAP) STANDARD C2-92. CCA RETENTION = 0.25 LB/FT³ 16. NAILING, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH THE

LATEST ADOPTED EDITION OF THE STANDARD BUILDING CODE. 17. CONNECTORS SHALL BE AS MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY, INC. OR AN APPROVED EQUAL 18. ALL TJI JOISTS, PARALLAM AND MICROLAM BEAMS SHALL BE AS

MANUFACTURED BY TRUS JOIST MACMILLAN, INC. OR AN APPROVED EQUAL. 19. ALL LUMBER AND WOOD STRUCTURAL PANEL MEMBERS, INCLUDING PRESSURE TREATED, 2 INCH THICK AND LESS SHALL CONTAIN NOT MORE THAN 19% MOISTURE AT THE TIME OF PERMANENT INCORPORATION INTO STRUCTURE.

METAL DECKING

1. STEEL DECK SHALL BE ERECTED IN ACCORDANCE WITH MANUFACTURER'S AND STEEL DECK INSTITUTE RECOMMENDATIONS AND SPECIFICATIONS. 2. STEEL DECK PROPERTIES AND ATTACHMENTS SHALL BE IN ACCORDANCE

WITH THE STEEL DECK INSTITUTE 3. METAL DECK SHALL BE AS MANUFACTURED BY VULCRAFT, A DIVISION

OF NUCOR, INCORPORATED OR AN APPROVED EQUAL. 4. GALVANIZING SHALL CONFORM TO ASTM A924-94 WITH A MINIMUM

COATING CLASS OF G-60. 5. DECK TO BE INSTALLED CONTINUOUS OVER A MINIMUM OF (3) SUPPORTS. 6. LIGHT GAGE METAL FRAMING, SUSPENDED CEILING, LIGHT FIXTURES, DUCTS AND OTHER UTILITIES SHALL NOT BE SUPPORTED BY METAL ROOF DECK. 7. PROVIDE MINIMUM L4x4x1/4 FRAMING AROUND ALL OPENINGS LARGER THAN 6 INCHES FOR ROOF TOP MECHANICAL UNITS.

8. ROOF DECK: A. STEEL DECK SHALL BE 1 1/2"x22 GAGE, INTERMEDIATE RIB GALVANIZED. USE VULCRAFT TYPE 1.5B22 OR APPROVED EQUAL. B. WELD DECK TO ALL SUPPORTS WITH MINIMUM 5/8" DIAMETER PUDDLE WELD OR EQUIVALENT. FASTENERS TO BE LAID OUT IN A 36/7 PATTERN, WITH MINIMUM (7) #10 TEK SCREW AT ALL

SIDE LAPS PER SPAN. 9. MECHANICAL FASTENERS, EITHER POWDER ACTUATED OR PNEUMATICALLY DRIVEN. OR SCREWS MAY BE USED IN LIEU OF WELDING TO FASTEN DECK TO SUPPORTING MEMBERS PROVIDED THEY HAVE BEEN SPECIFICALLY

APPROVED 10. FOR DECK UNITS WITH METAL THICKNESS LESS THAN 0.028 INCHES (22 GAGE) WELD DECK THROUGH MANUFACTURER'S STANDARD WELDING WASHERS WITH SPECIFIED WELD PATTERN OR AS SHOWN ON DRAWINGS.

<u>CONCRETE</u>

1. CONCRETE MIXES TO BE DESIGNED BY A RECOGNIZED TESTING LABORATORY AND COPIES OF DESIGN MIX SUBMITTED TO THE ENGINEER. COMPRESSIVE TEST REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND ANY OTHER AGENCIES AS SPECIFIED BY LOCAL BUILDING CODE.

2. ALL CONCRETE SHALL DEVELOP MINIMUM 5000 PSI COMPRESSIVE STRENGTH

IN 28 DAYS. 3. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. ALL

WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. 4. MINIMUM WWF LAP SHALL BE THE GREATER OF ONE CROSS WIRE SPACING

PLUS 2 INCHES OR MINIMUM OF 6 INCHES. 5. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318) AND ITS REVISIONS.

6. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI STANDARDS. NO WELDING OF REINFORCEMENT

SHALL BE ALLOWED UNLESS NOTED OR OTHERWISE APPROVED BY ENGINEER. 7. NO SPLICING OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SPLICES WHERE PERMITTED SHALL BE CLASS "B" TENSION LAP SPLICES, UNLESS NOTED OTHERWISE. MAKE ALL BARS CONTINUOUS AROUND CORNERS.

8. STAGGER SPLICES A MINIMUM OF 4'-0" FOR CONTINUOUS BARS IN ALL CONCRETE WORK, UNLESS NOTED OTHERWISE.

9. PROVIDE (2) #5 BARS (1 EACH FACE) WITH MINIMUM 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE UNLESS NOTED OTHERWISE.

10. SLABS, WALLS, AND PILE CAPS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. 11. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR

REINFORCED PLACED CAST-IN-PLACE CONCRETE: A. CONCRETE PLACED AGAINST AND PERMANENTLY EXPOSE TO EARTH: 3 INCHES B. FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:

#6 THROUGHT #18 BARS INCHES 5 BARS AND SMALLER 1.5 INCHES C. CONCRETE NOT EXPOSED TO WEATHER NOR IN

CONTACT WITH GROUND: SLABS. WALLS AND JOISTS: #14 AND #18 BARS 1.5 INCHES #11 BARS AND SMALLER 1 INCHES BEAMS, COLUMNS AND WALL JAMBS: PRIMARY REINFORCEMENT, TIES, STIRRUPS AND SPIRALS: #14 AND # 18 BARS 2.5 INCHES

11 BARS AND SMALLER 1.5 INCHES 12. PROVIDE REINFORCING BAR PLACING ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT IN ACCORDANCE WITH ACI MANUAL OF STANDARD PRACTICE 13. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY

THE STRUCTURAL ENGINEER. 14. CONTRACTOR SHALL NOT PLACE ANY REINFORCEMENT UNTIL SHOP DRAWING REVIEWED BY THE ENGINEER ARE RECEIVED ON THE JOB SITE. SHOP DRAWINGS SHALL CONSIST OF BOTH "CUT" AND PLACING SHEETS. PLACING SHEETS SHALL CONTAIN ALL INFORMATION NECESSARY TO POSITION ALL REINFORCING STEEL IN THE FIELD WITHOUT HAVING TO REFER TO THE STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL NOT CONTAIN ANY REPRODUCTIONS OF THE STRUCTURAL DRAWINGS.

15. ALL FIELD BENDING OF REINFORCING BARS SHALL BE MADE COLD FOR #8 BARS AND SMALLER. #9, #10 AND #11 BARS UPON APPROVAL MAY BE PREHEATED UNIFORMLY TO 1400-1600 DEGREES FAHRENHEIT AND CAREFULLY BENT OR STRAIGHTENED PER CRSI RECOMMENDATIONS.

16. ALL REINFORCING BAR, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. 17. PROJECTING CORNERS OF BEAMS, COLUMNS, ETC. SHALL BE FORMED

LIGHT GAGE METAL FRAMING

1. ALL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION

WITH 3/4" CHAMFER UNLESS DETAILED OTHERWISED.

2. ALL FRAMING MEMBERS SHALL BE FORMED FROM A CORROSION RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A653 WITH A MINIMUM YIELD STRENGTH OF: Fy = 33 KSI (18 GAGE AND LIGHTER)

 $F_y = 50 \text{ KSI } (16 \text{ GAGE AND HEAVIER})$ 3. FABRICATOR IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF ALL LIGHT GAGE STEEL FRAMING AND TRUSSES NOT OTHERWISE DETAILED ON THE CONTRACT DOCUMENTS UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL

ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED 4. CONTRACTOR SHALL SUBMIT FOR APPROVAL CALCULATIONS AND SHOP DRAWINGS FOR DETAILS, FABRICATION AND ERECTION OF LIGHT GAGE STEEL FRAMING & TRUSSES, DRAWINGS SHALL INCLUDE LAYOUT, SPACING, MATERIAL, MEMBER PROPERTIES AND DETAILS OF CONNECTION FOR ALL LIGHT GAGE FRAMING

MEMBERS AND TRUSSES INDICATED ON THE DRAWINGS. 5. WHERE STUD MEMBERS ARE CONNECTED TO STRUCTURAL FLOOR OR ROOF MEMBER, AN ANGLE CLIP OR "VERTICLIP ASSEMBLY" SHALL BE PROVIDED CAPABLE OF ACCOMMODATING VERTICAL MOVEMENT FROM OCCUPANCY OR ROOF LIVE LOADS.

6. FASTENING OF COMPONENTS SHALL BE BY SELF DRILLING/TAPPING SCREWS OR WELDING IN ACCORDANCE WITH AWS D1.1 OR D1.3 AS APPROPRIATE TO MATERIAL THICKNESS.

CONCRETE MASONRY UNITS (CMU)

7. FABRICATED HORIZONTAL OR DIAGONAL TYPE BRACING SHALL BE REQUIRED TO PREVENT BUCKLING OF MEMBER WHERE SHEATHING APPLIED TO MEMBER IS NOT PRESENT OR ADEQUATE TO BRACE MEMBER.

8. STUDS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO BOTH TOP AND BOTTOM TRACKS. SPLICES IN STUDS ARE NOT PERMITTED.

1. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM

C90 SPECIFICATIONS, NORMAL WEIGHT, TYPE I, GRADE N. 2. COMPOSITION, QUALITY, STORAGE, HANDLING, PREPARATION AND PLACEMENT OF MATERIALS, QUALITY ASSURANCE FOR MATERIALS AND MASONRY, AND CONSTRUCTION OF MASONRY SHALL COMPLY WITH ACI 530.1/ASCE 6/ TMS 602. A QUALITY ASSURANCE PROGRAM SHALL BE USED TO ENSURE THAT THE CONSTRUCTED MASONRY IS IN CONFORMANCE WITH THE

CONTRACT DOCUMENTS. 3. SPECIFIED COMPRESSIVE STRENGTH OF MASONRY: 1. 8" NOMINAL DEPTH UNITS, f'm, SHALL BE A MINIMUM OF 1,500 PSI.

2. 12" NOMINAL DEPTH UNITS, f'm, SHALL BE A MINIMUM OF 1,500 PSI. 4. MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS: 1. 8" NOMINAL DEPTH UNITS SHALL BE 1,900 PSI. 2. 12" NOMINAL DEPTH UNITS SHALL BE 1,900 PSI.

5. ALL MORTAR FOR USED IN MASONRY SHALL CONFORM TO ASTM C270, TYPE M OR S. ALL GROUT FILL FOR USE IN MASONRY SHALL CONFORM TO ASTM C476, WITH MINIMUM COMPRESSIVE STRENGTH 3000 PSI.

6. ALL REINFORCEMENT FOR USE IN MASONRY CONSTRUCTION SHALL CONFORM TO ASTM A615, GRADE 60. 7. ALL DEFORMED WIRE HORIZONTAL REINFORCEMENT IN CMU WALLS SHALL CONFORM TO ASTM A497.

8. ALL PLAIN WIRE HORIZONTAL REINFORCEMENT IN CMU WALLS SHALL

CONFORM TO ASTM A82 OR ASTM A185. 9. MASONRY IS BE TO LAID IN ACCORDANCE WITH LATEST ADOPTED EDITION OF THE STANDARD BUILDING CODE SECTION 2104.7 AND TABLES 2104.7A AND 2104.7B, OR APPLICABLE LOCAL GOVERNING CODES. TYPE "N" MASONRY CEMENT MORTAR IS NOT ACCEPTABLE.

10. VERTICAL AND HORIZONTAL REINFORCEMENT IS TO BE CONTINUOUS AND LAPPED A MINIMUM OF 48 BAR DIAMETERS. 11. MASONRY WALLS SHALL BE ADEQUATELY BRACED DURING CONSTRUCTION

TO WITHSTAND WIND LOADS. BRACING SHALL REMAIN IN PLACE UNTIL

LATERAL SUPPORT.

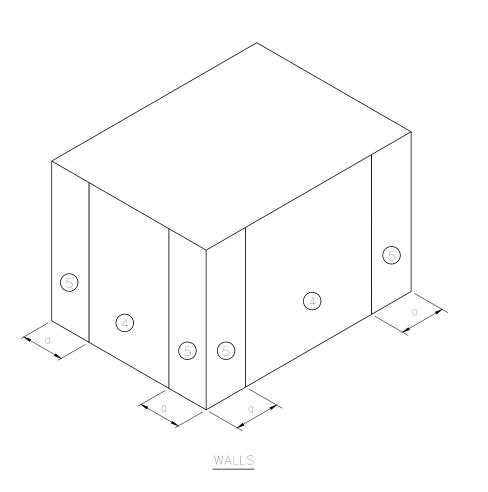
ROOF FRAMING IS COMPLETELY INSTALLED AND CAPABLE OF PROVIDING

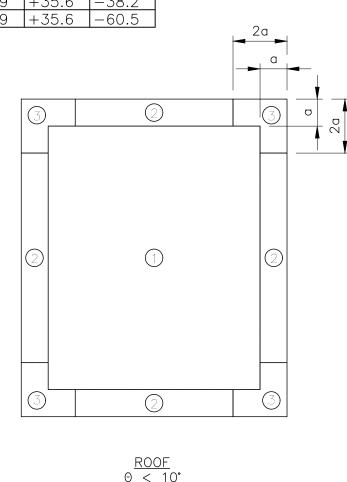
ACCESSORIES AS REQUIRED TO SUPPORT BARS AT LOCATIONS INDICATED

12. ALL MASONRY C.M.U. WALLS SHALL BE LAID IN RUNNING BOND IN ACCORDANCE WITH ACI 530-95. 13. VERTICAL REINFORCEMENT FOR C.M.U. WALLS TO BE PLACED IN CENTER OF WALL, UNLESS INDICATED OTHERWISE ON THE DRAWINGS. PROVIDE ALL

<u>COMPONENTS AND CLADDING TABLE - PENTHOUSE</u> ASCE 7-10, V=115 MPH, H=160' TABLE 30.7-2, PART 4, EXPOSURE C EXTERNAL WIND PRESSURE (PSF)

COMP	STNBNC	& CLADE	DING TAB	$LE -E\rangle$	KTERNAL	WIND PF	RESSURE	(PSF)
ZONES	TRIBUTARY AREA (ft2)							
ZONES	1	0	2	.0	5	0	1	00
1	NA	-63.5	NA	-60.0	NA	-55.9	NA	-52.1
2	NA	-99.7	NA	-94.2	NA	-87.7	NA	-81.8
3	NA	-135.9	NA	-128.4	NA	-119.6	NA	-111.4
4	+43.4	-43.4	+41.0	-39.4	+38.2	-39.9	+35.6	-38.2
5	+43.4	-79.6	+41.0	-37.9	+38.2	-66.9	+35.6	-60.5





IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION

YOUR BID INCLUDED ALL THE STEPS. PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED

AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL

AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE

YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR

AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSA

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.

TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SLIGGESTED ON THE DRAWINGS OR NOT

FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

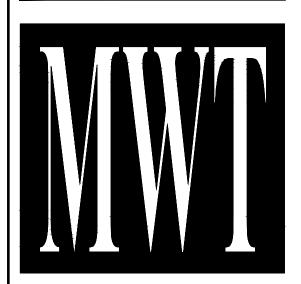
SUED TO FRANCHISE SUED FOR BID (ID ONL) ISSUED TO FRANCHISE SSUFD FOR PFRMIT 08/04/17 FOR FINAL APPROVAL ISSUED FOR PERMIT / 28/17**|**1 SSUFD FOR PFRMIT 212 | 1 | 8 | A) RE-ISSUED FOR PERMIT 3/7/18

DATE

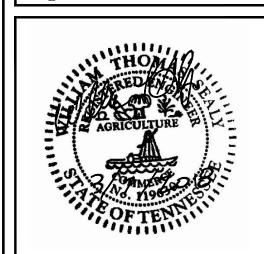
06/09/17

DESCRIPTION

SUED FOR DEMOLITION



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> **ALOFT** DOWNTOWN

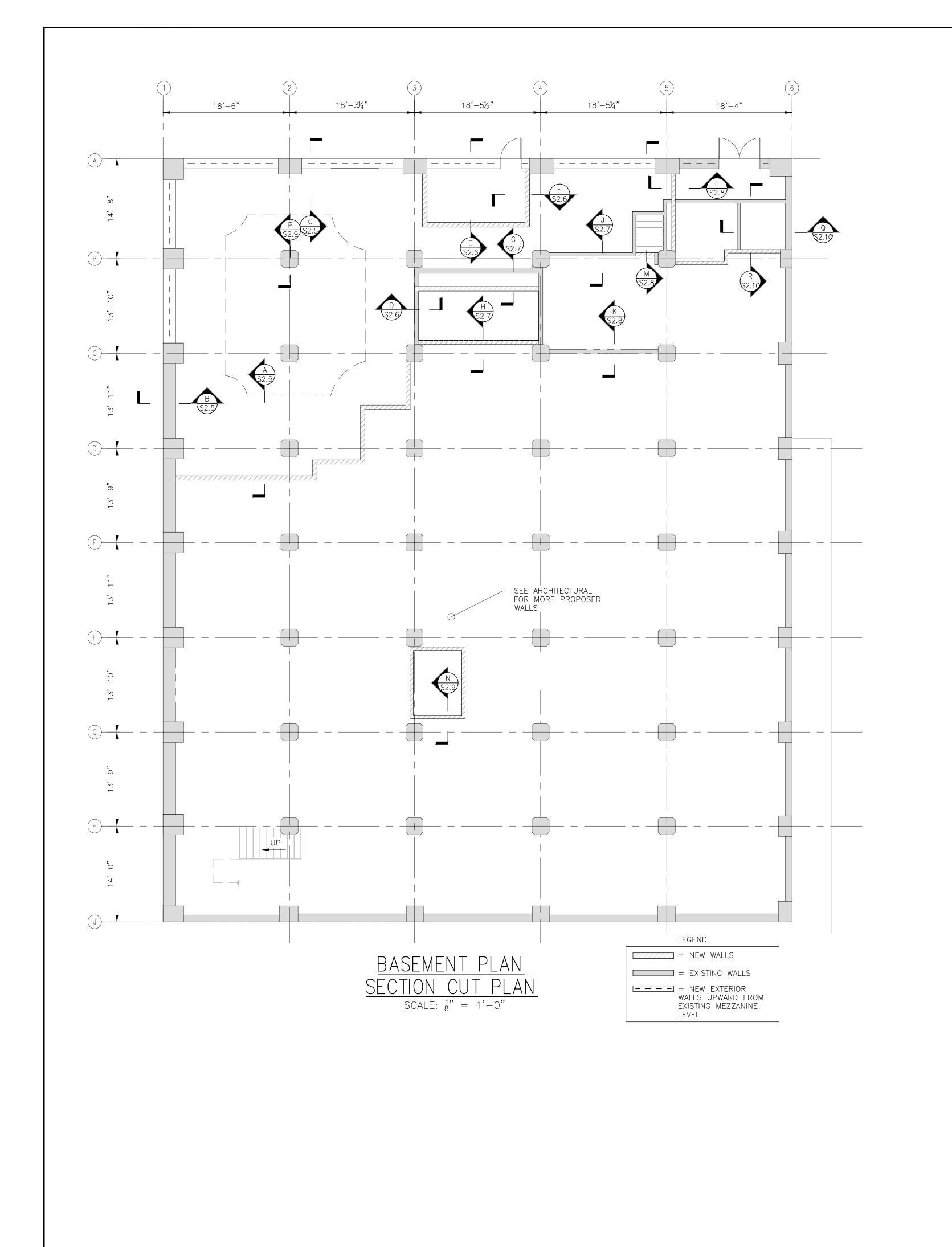
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

DATE: 2-21-2018 DRAWN BY: JM CHKD. BY: WTS

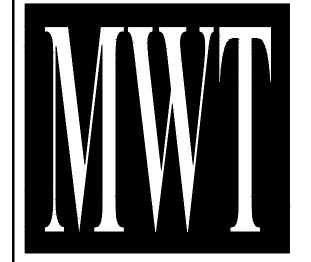
PROJECT NO.: 16 006

GENERAL NOTES

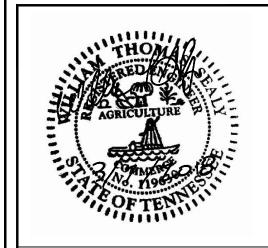
SHEET S0.0



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-	ISSUED FOR DEMOLITION	06/09/17	M
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-	ISSUED FOR PERMIT	2/21/18	
0	RE-ISSUED FOR PERMIT		JМ



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 2-21-2018

DRAWN BY: JM CHKD. BY: WTS

SECTION CUT PLAN

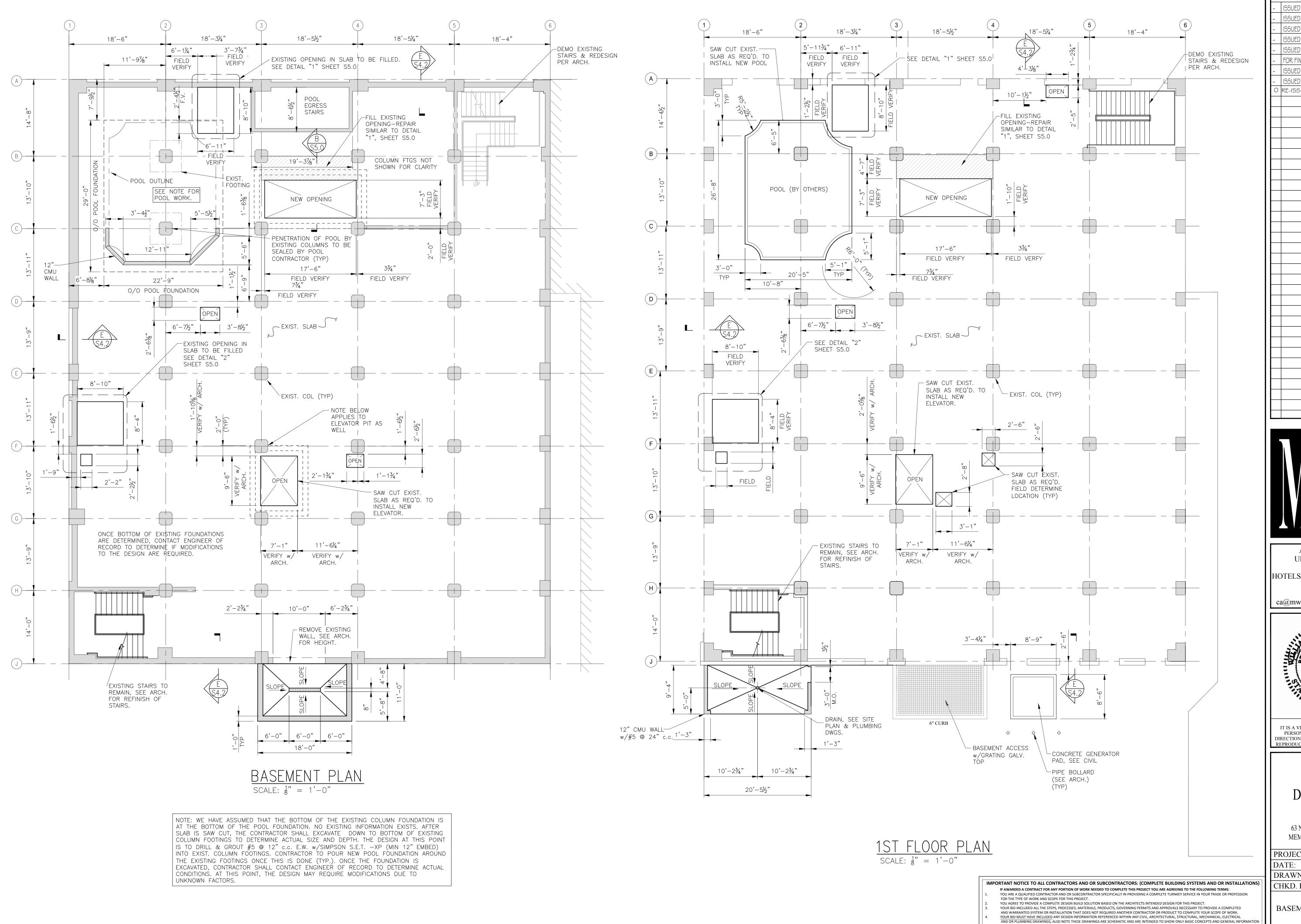
SHEET S0.1

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

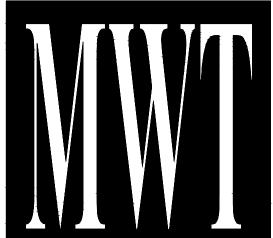
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-	ISSUED FOR PERMIT	O8/04/17	MV
-	ISSUED FOR PERMIT	11/28/17	MV
-	ISSUED FOR PERMIT	2/21/18	AN
-	O RE-ISSUED FOR PERMIT	3/7/18	JM
-	ISSUED FOR PERMIT	O8/04/17	MV
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006
DATE: 2-21-2018

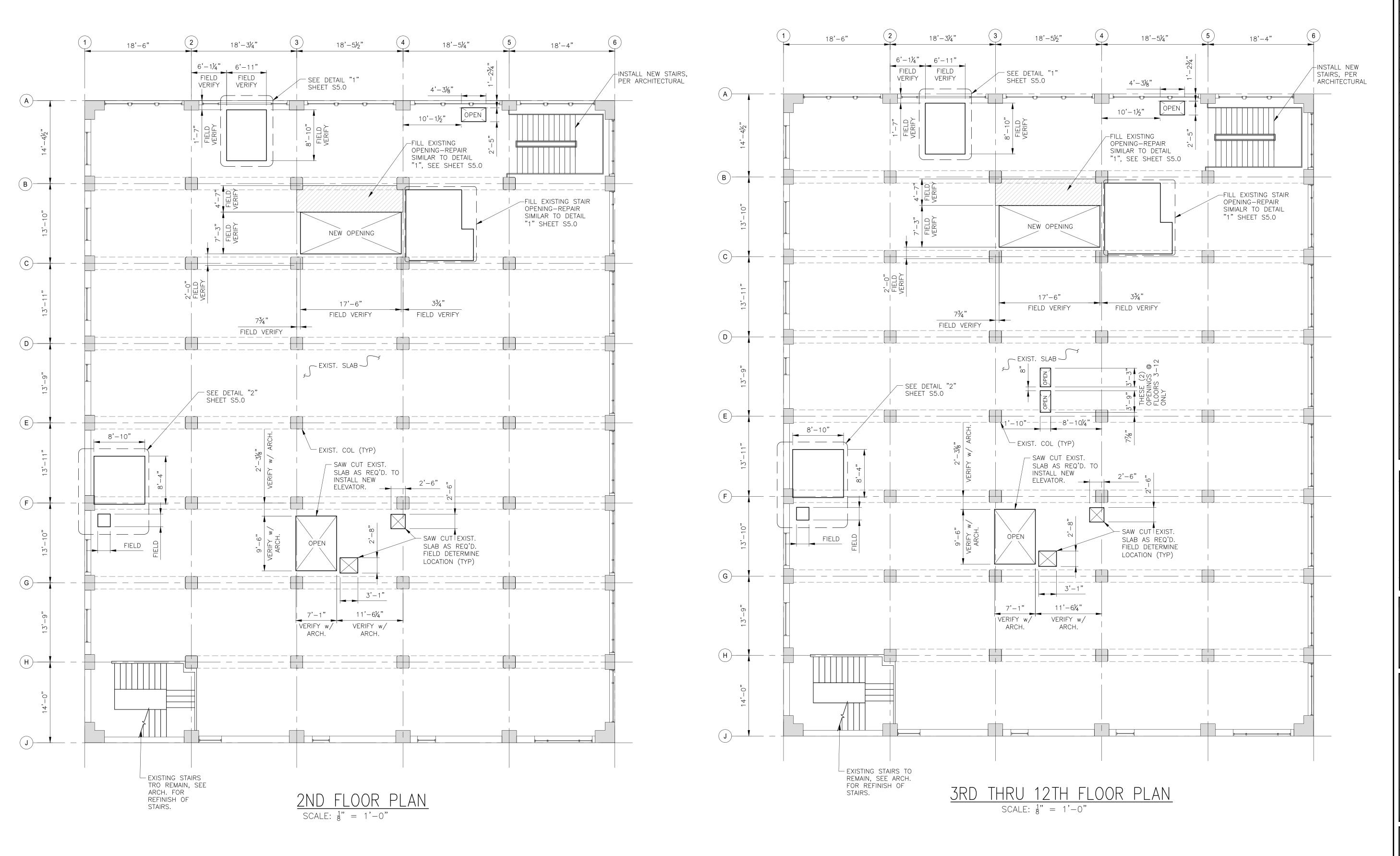
DRAWN BY: JM CHKD. BY: WTS

BASEMENT & FIRST FLOOR PLANS

SHEET S1.0

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NOTE: SEE SHEET S2.11 FOR EXTERIOR WALL SECTIONS ALONG FRAME LINES (A), (J), (1), AND (6) FOR FLOORS 3 THRU 12

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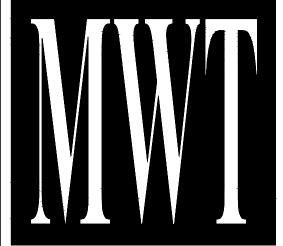
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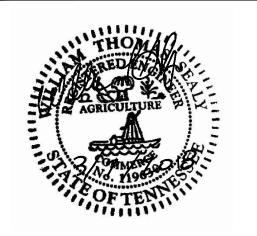
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0	RE-ISSUED FOR PERMIT		JN
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 2-21-2018

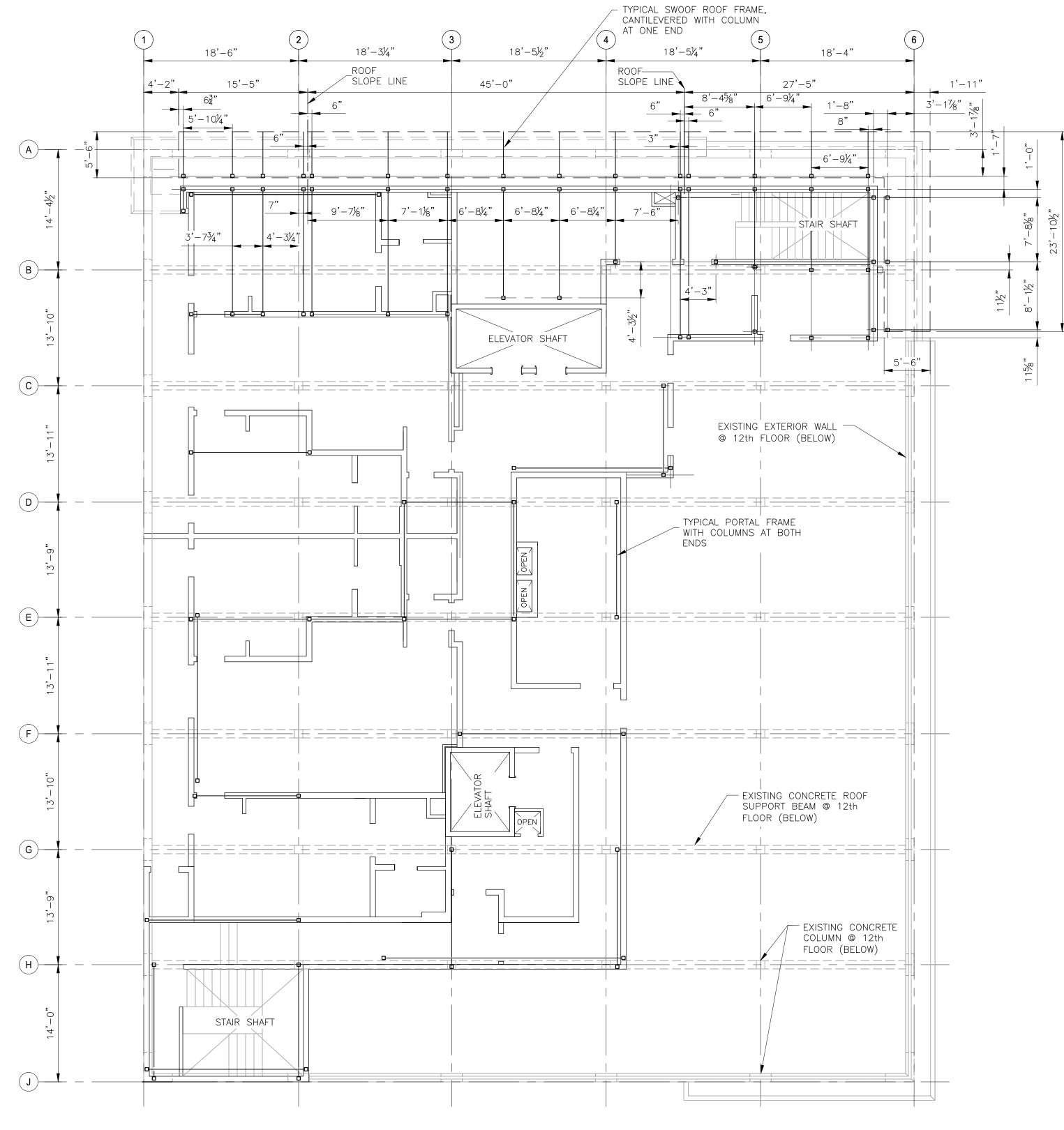
DRAWN BY: JM

CHKD. BY: WTS

2ND THRU 12TH FLOOR

PLANS

SHEET S1.1



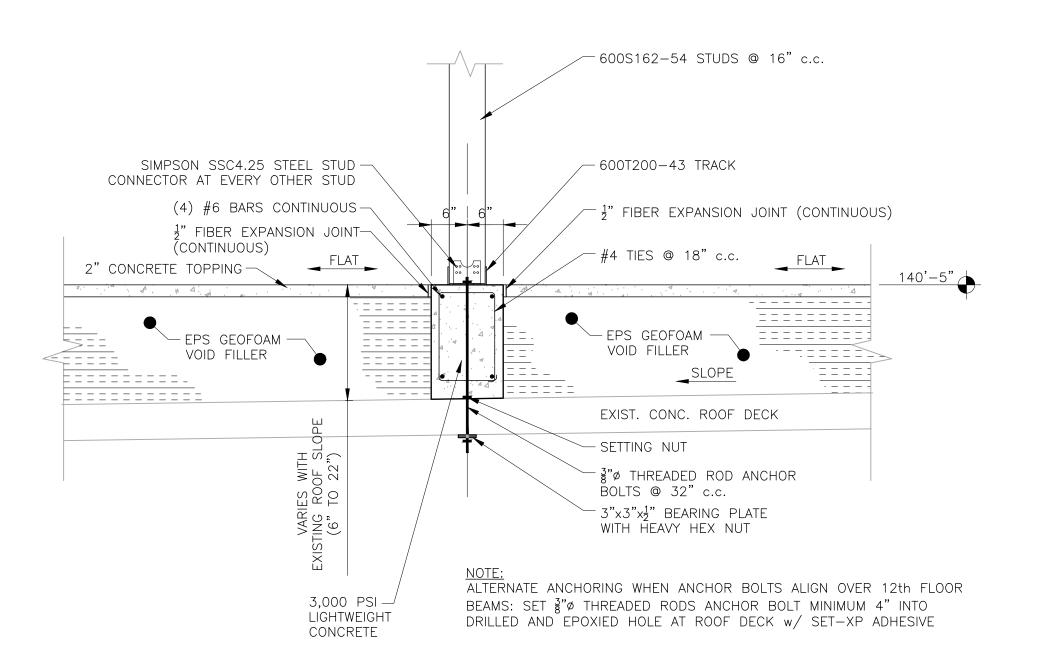
PENTHOUSE ROOF PORTAL

& SWOOF COLUMNS

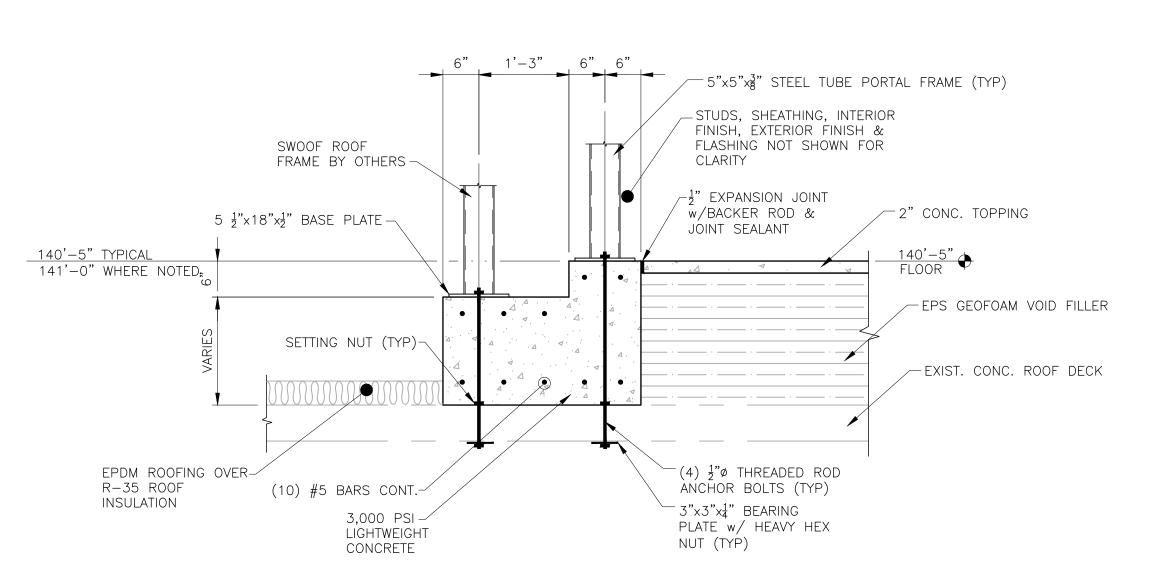
SCALE: \frac{1}{8}" = 1'-0"

NOTE:

PORTAL & SWOOF COLUMNS SHALL BE 5"x5"x3" STEEL TUBES. SEE SECTION "11" THIS SHEET, FOR COLUMN ATTACHMENT TO CONCRETE ROOF CURBS & ROOF DECK BELOW. SEE SHEET A1.4 FOR PENTHOUSE WALL LOCATIONS. WALLS SHOWN HERE ARE FOR REFERENCE. CONCRETE CURBS ARE NOT SHOWN ON THIS SHEET. SEE SHEET S1.3 FOR CONCRETE CURB LOCATIONS.



INTERIOR WALL ROOF CURB DETAIL SECTION 10 SCALE: \(\frac{3}{4}\)" = 1'-0"



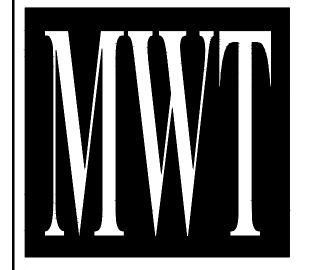
EXTERIOR WALL PORTAL FRAME & SWOOF ROOF FRAME CURB DETAIL

SCALE: N.T.S. SECTION 11

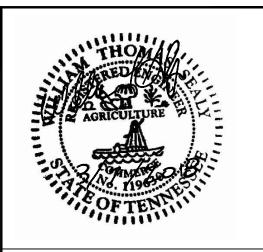
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0	RE-ISSUED FOR PERMIT		JM



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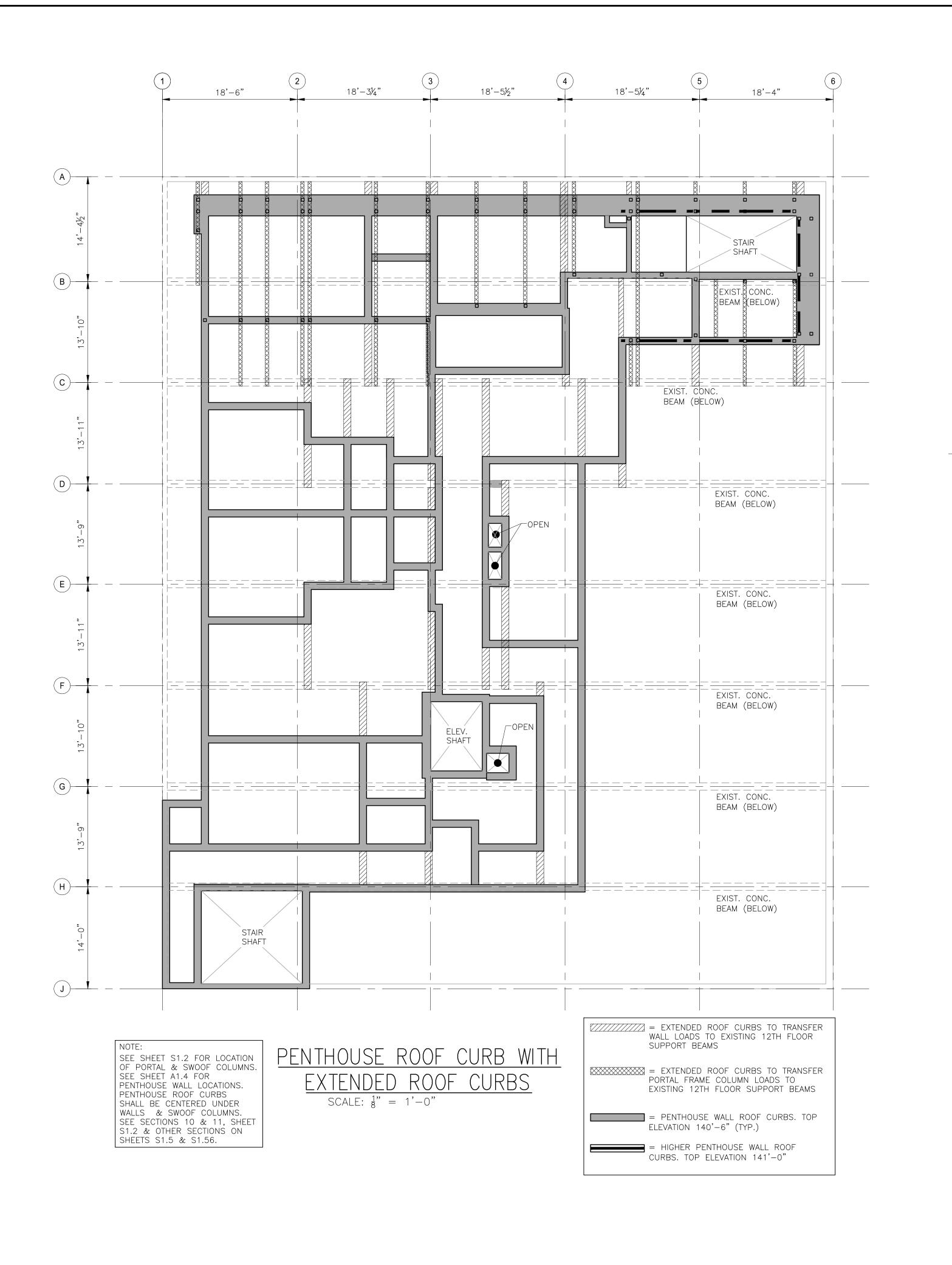
ALOFT MEMPHIS DOWNTOWN

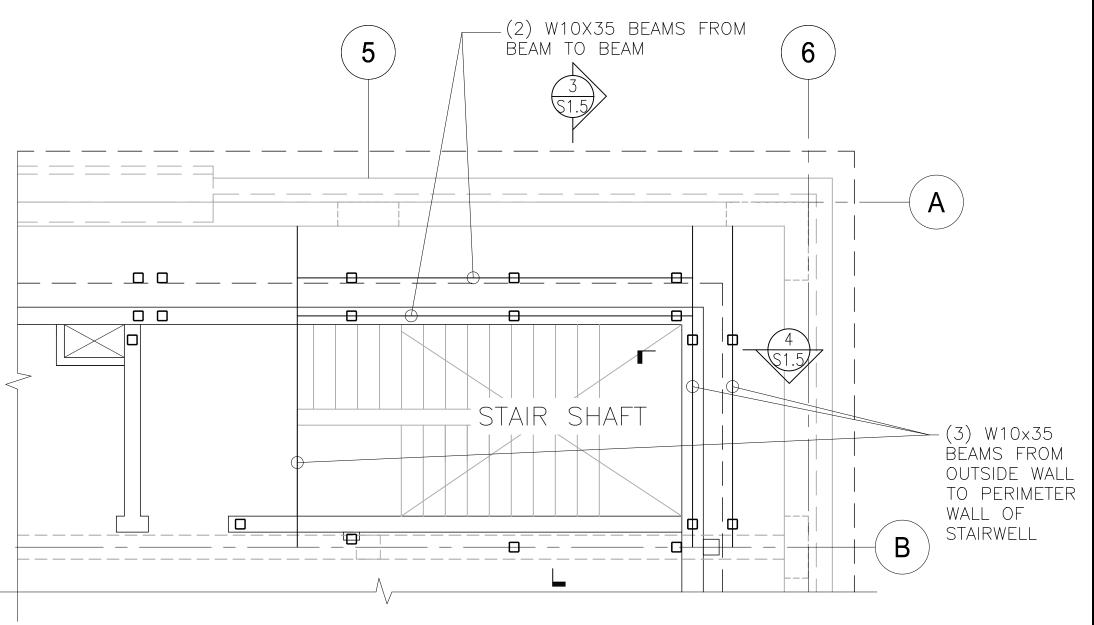
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CHKD. BY: WTS

PENTHOUSE ROOF PORTAL & SWOOF COLUMNS

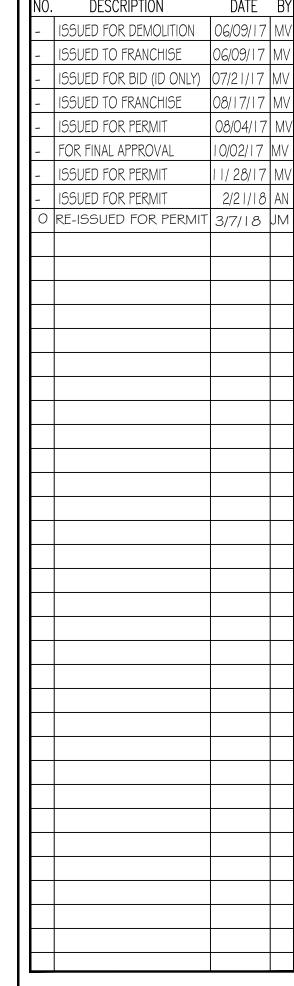
SHEET S1.2

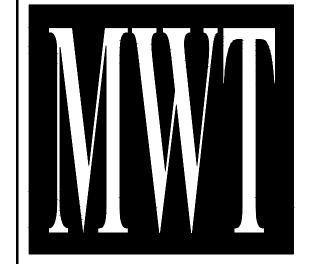




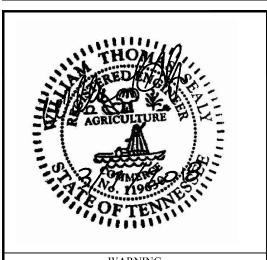
STEEL BEAMS @ STAIRWELL

SCALE: \(\frac{1}{4}\)" = 1'-0"





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PENTHOUSE ROOF CURB w/ EXTENDED ROOF CURBS

SHEET S1.3

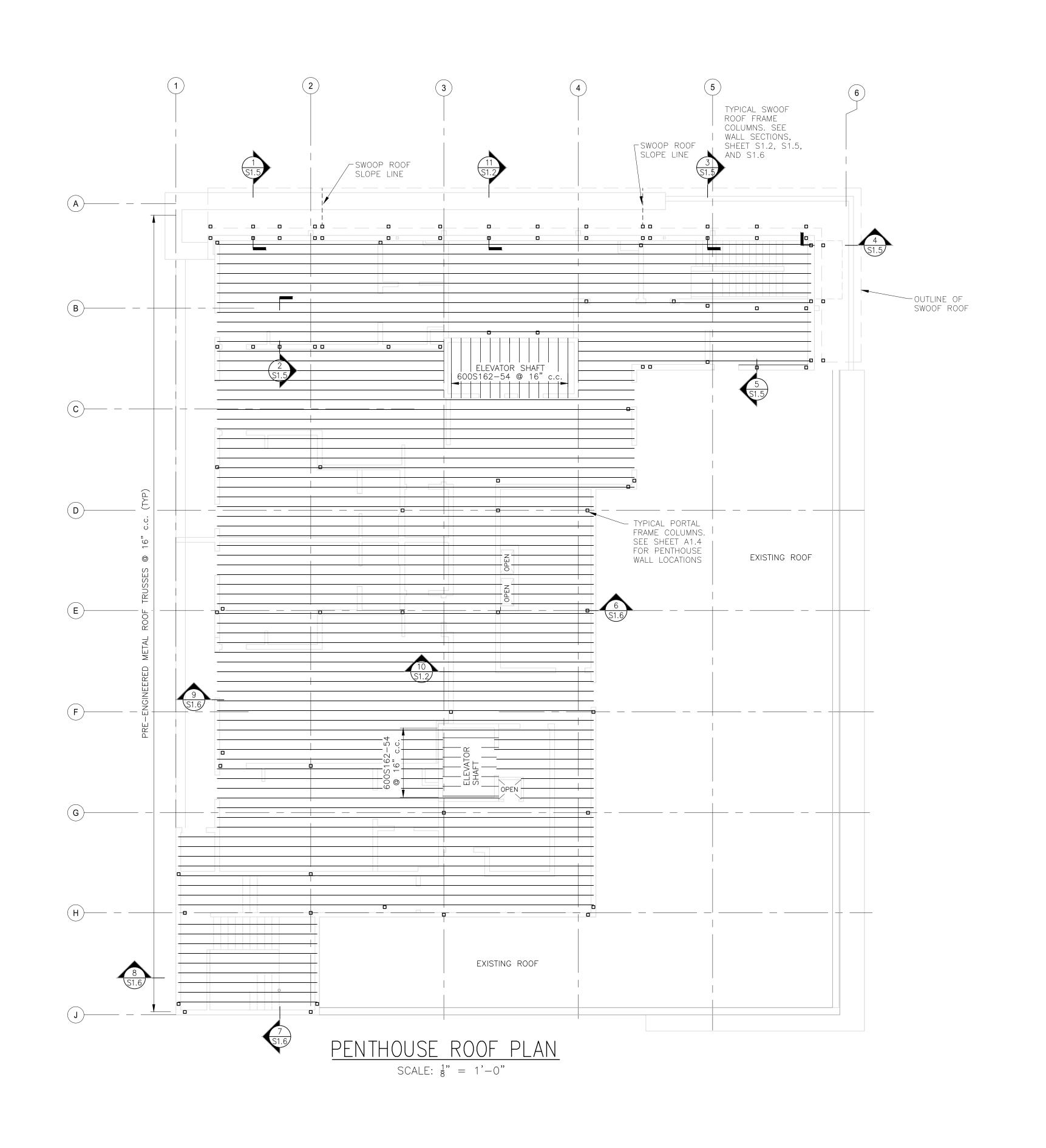
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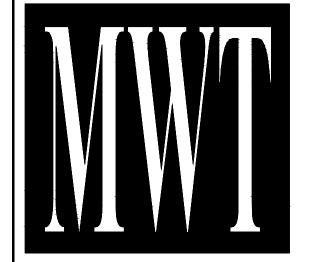
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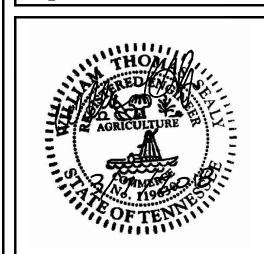
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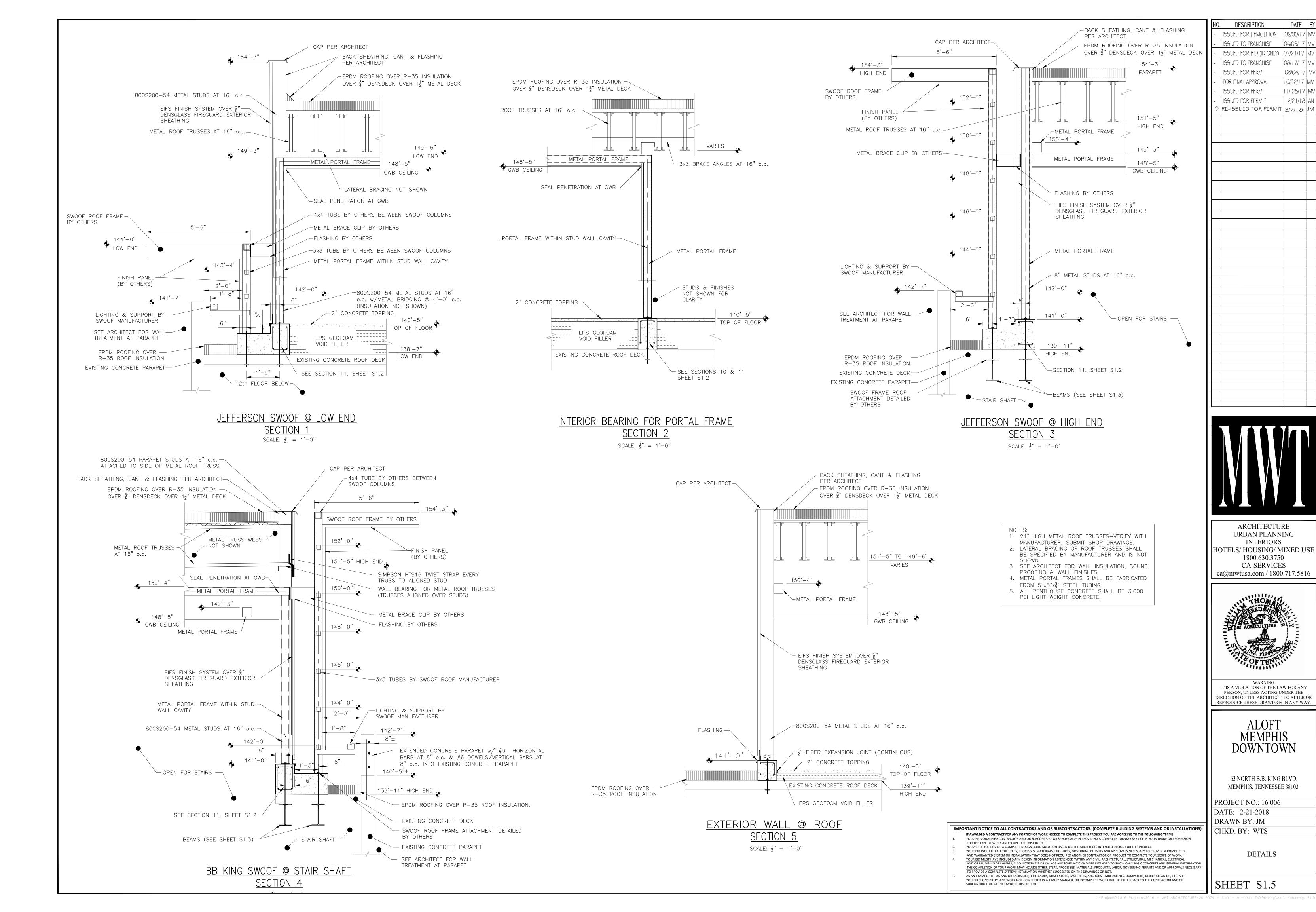
PENTHOUSE ROOF TRUSSES PLAN

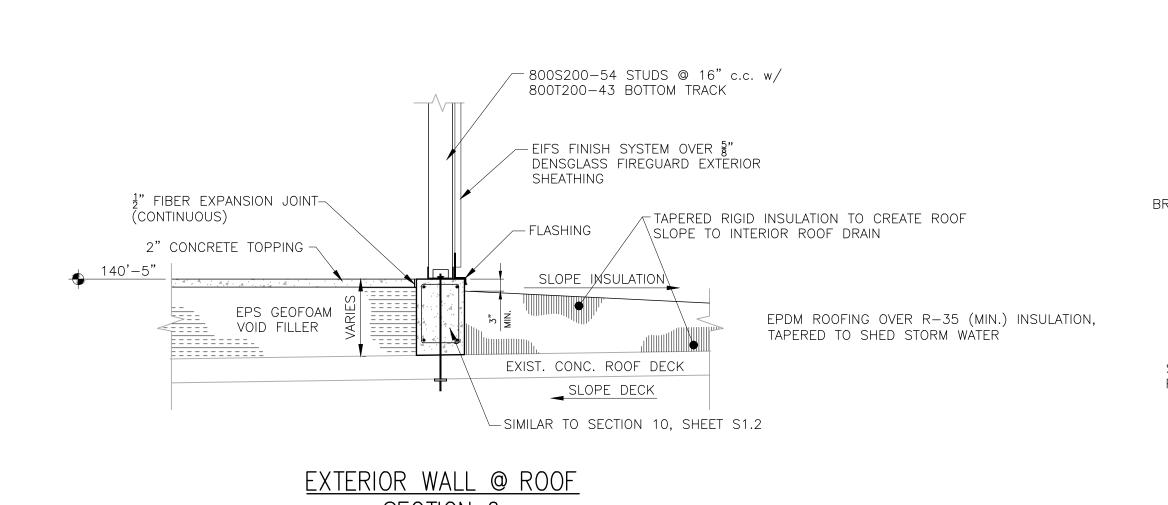
SHEET S1.4

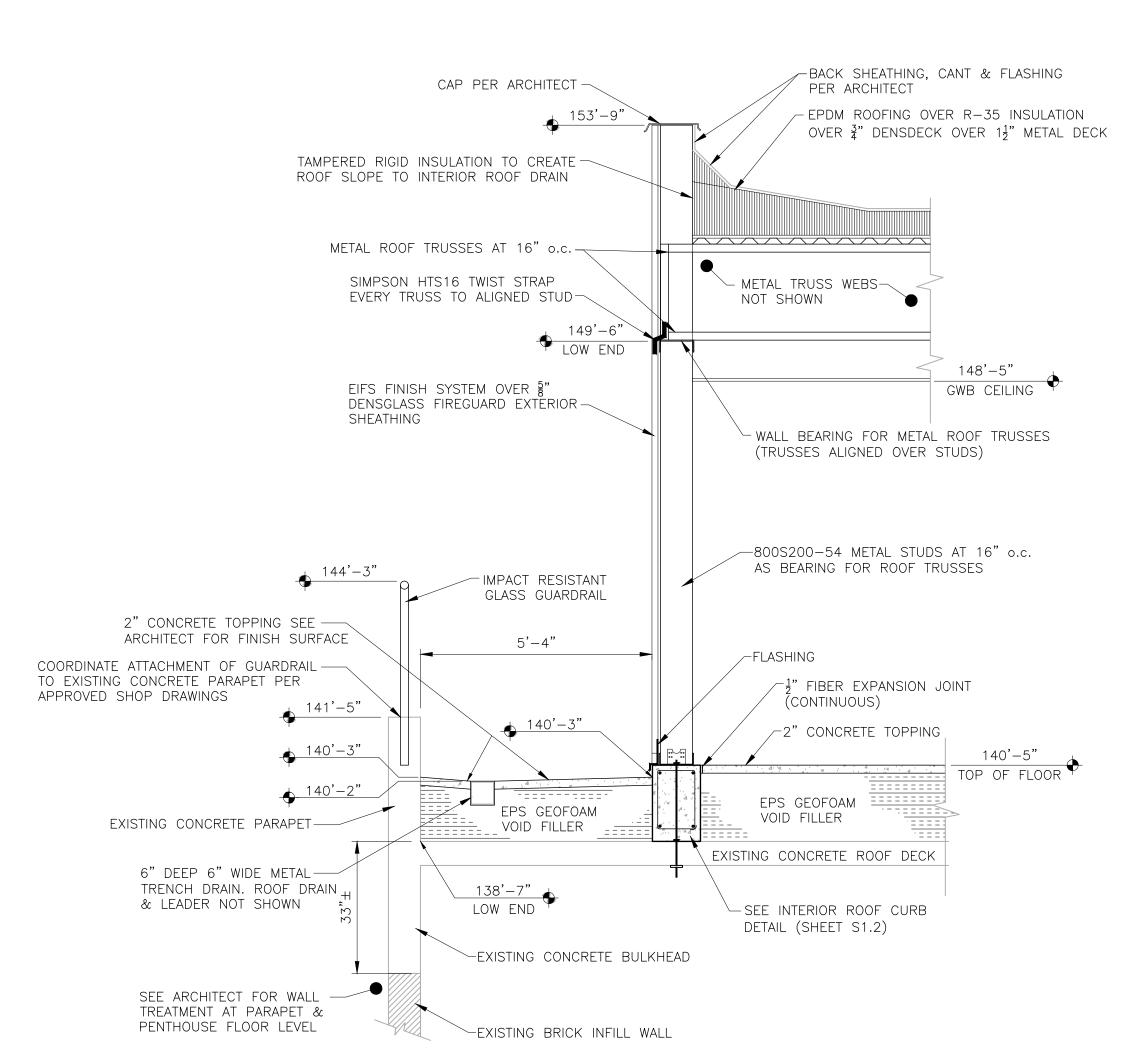
NOTE: SEE ARCHITECT FOR LOCATION AND SIZE OF OPENINGS OVER STAIRS AND ELEVATORS FOR VENTILATION.

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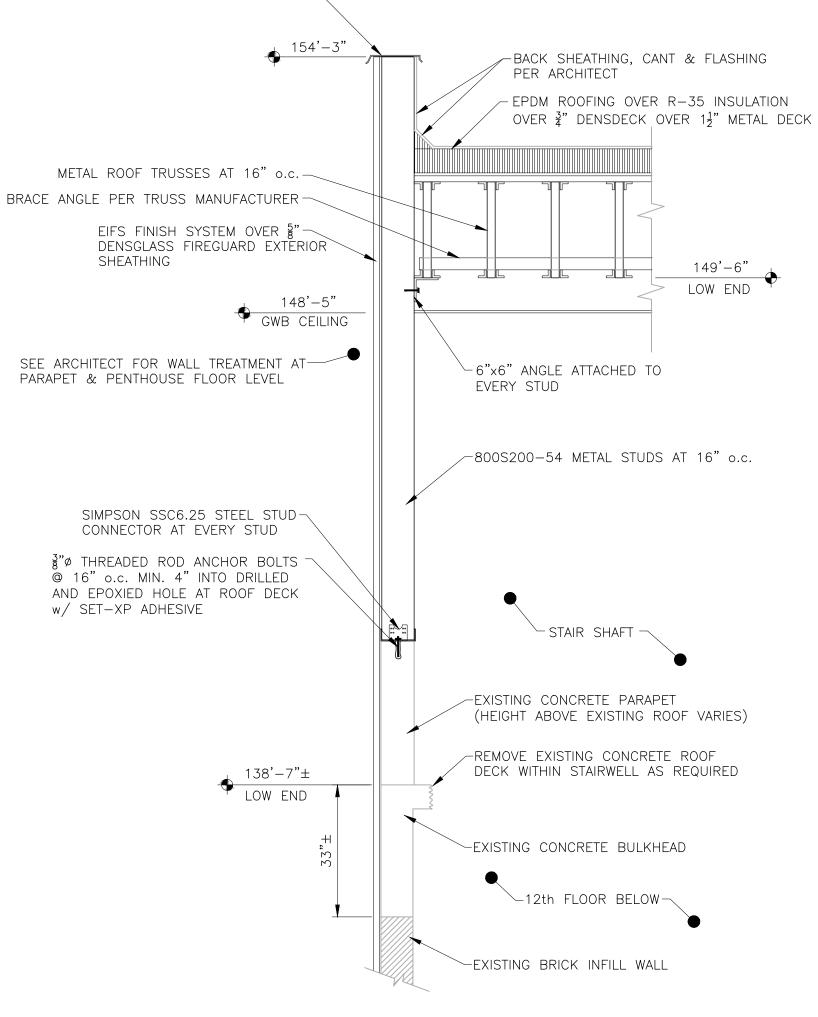






EXTERIOR WALL @ TERRACE SECTION 9

SCALE: $\frac{1}{2}$ " = 1'-0"

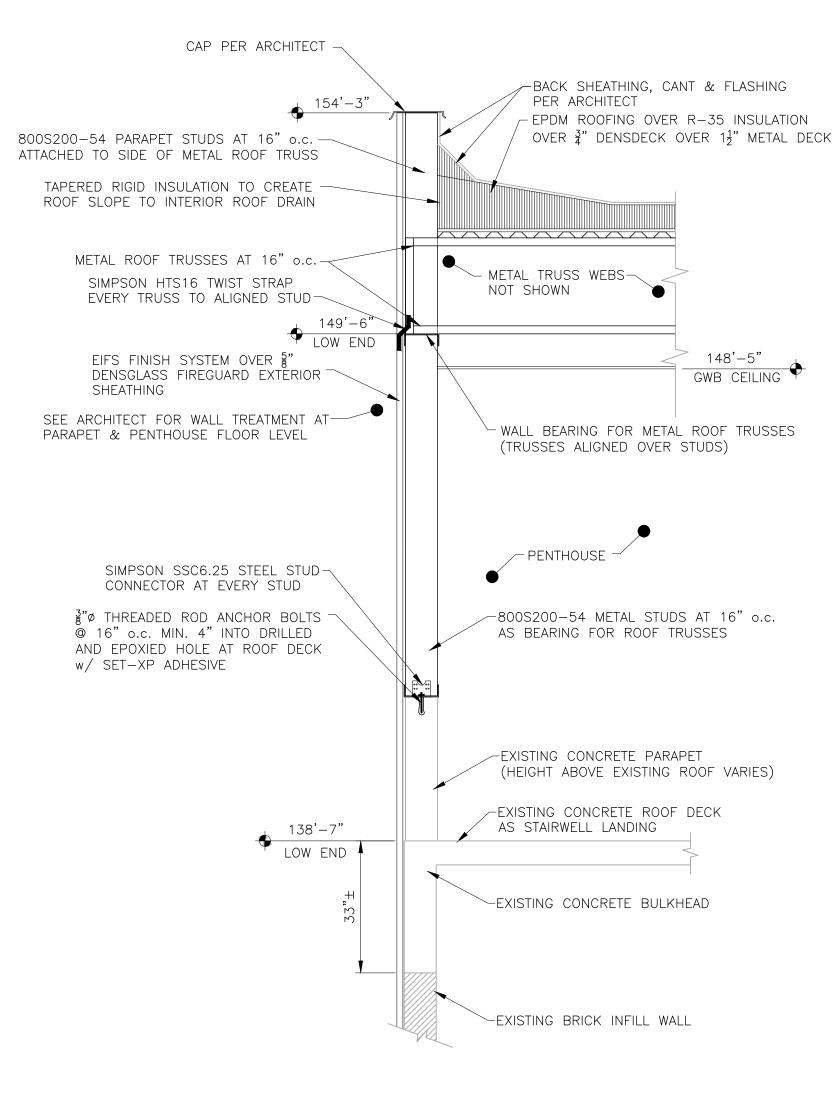


CAP PER ARCHITECT

EXTERIOR WALL @ STAIR SHAFT

SECTION 7

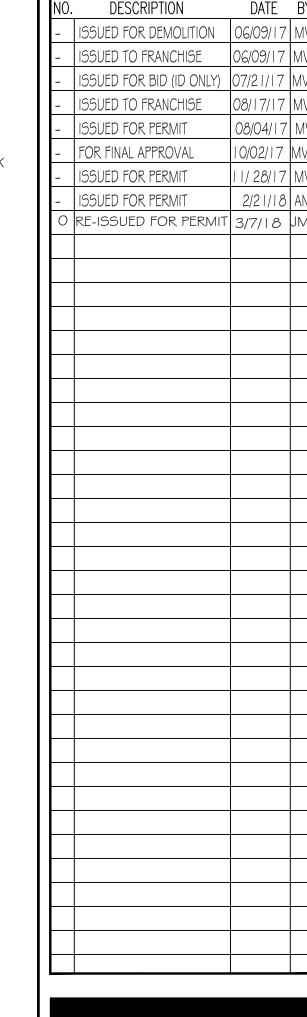
SCALE: ½" = 1'-0"



EXTERIOR WALL @ STAIR LANDING

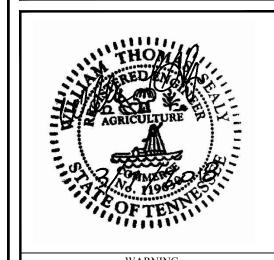
SECTION 8

SCALE: \frac{1}{2}" = 1'-0"





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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 2-21-2018

DRAWN BY: JM

CHKD. BY: WTS

DETAILS

SHEET S1.6

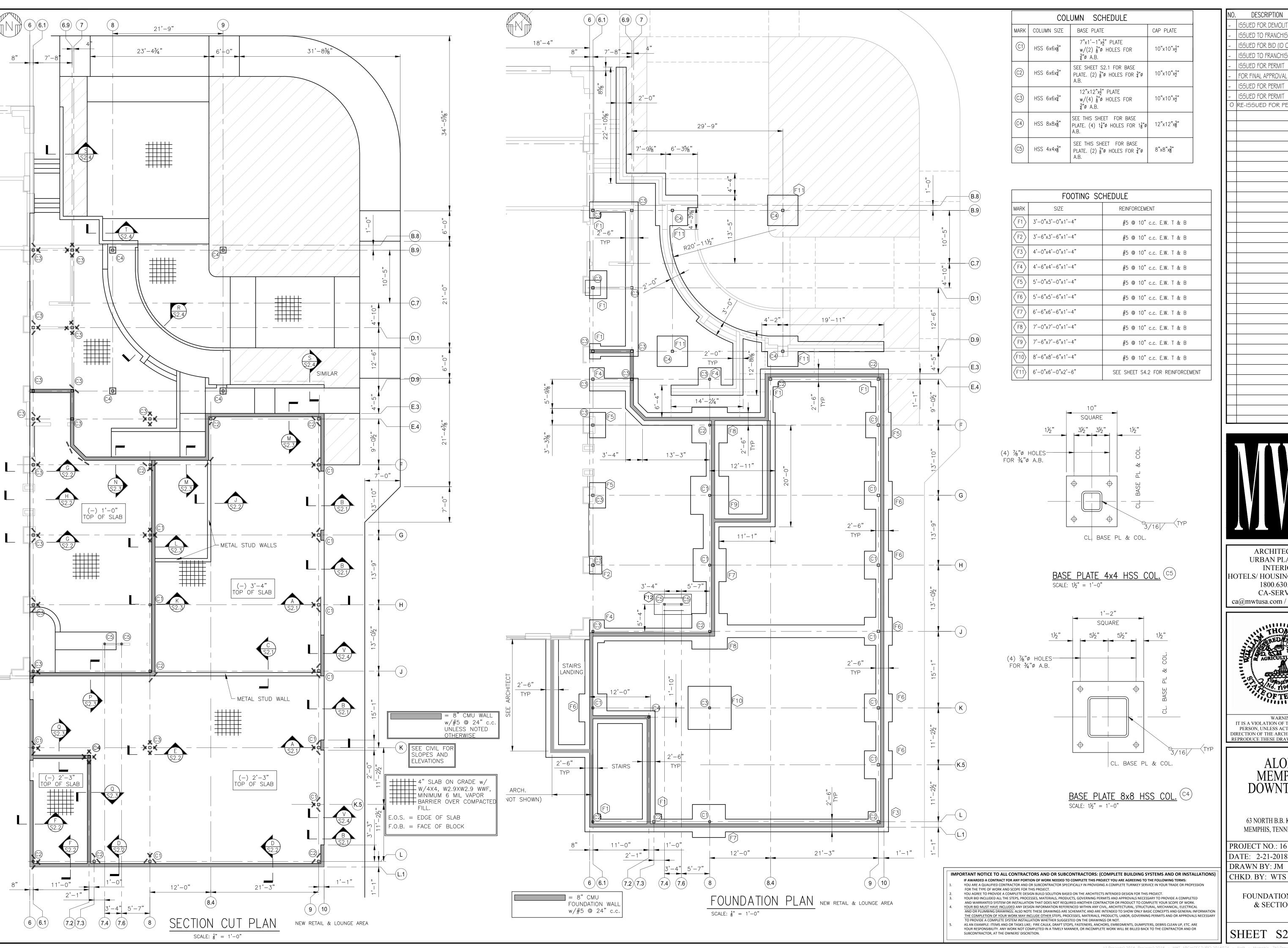
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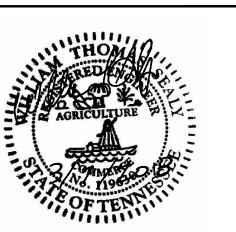
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DESCRIPTION ISSUED FOR DEMOLITION SSUED TO FRANCHISE SSUED FOR BID (ID ONLY ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT 1/28/17 N ISSUED FOR PERMIT O RE-ISSUED FOR PERMIT 3/7/18



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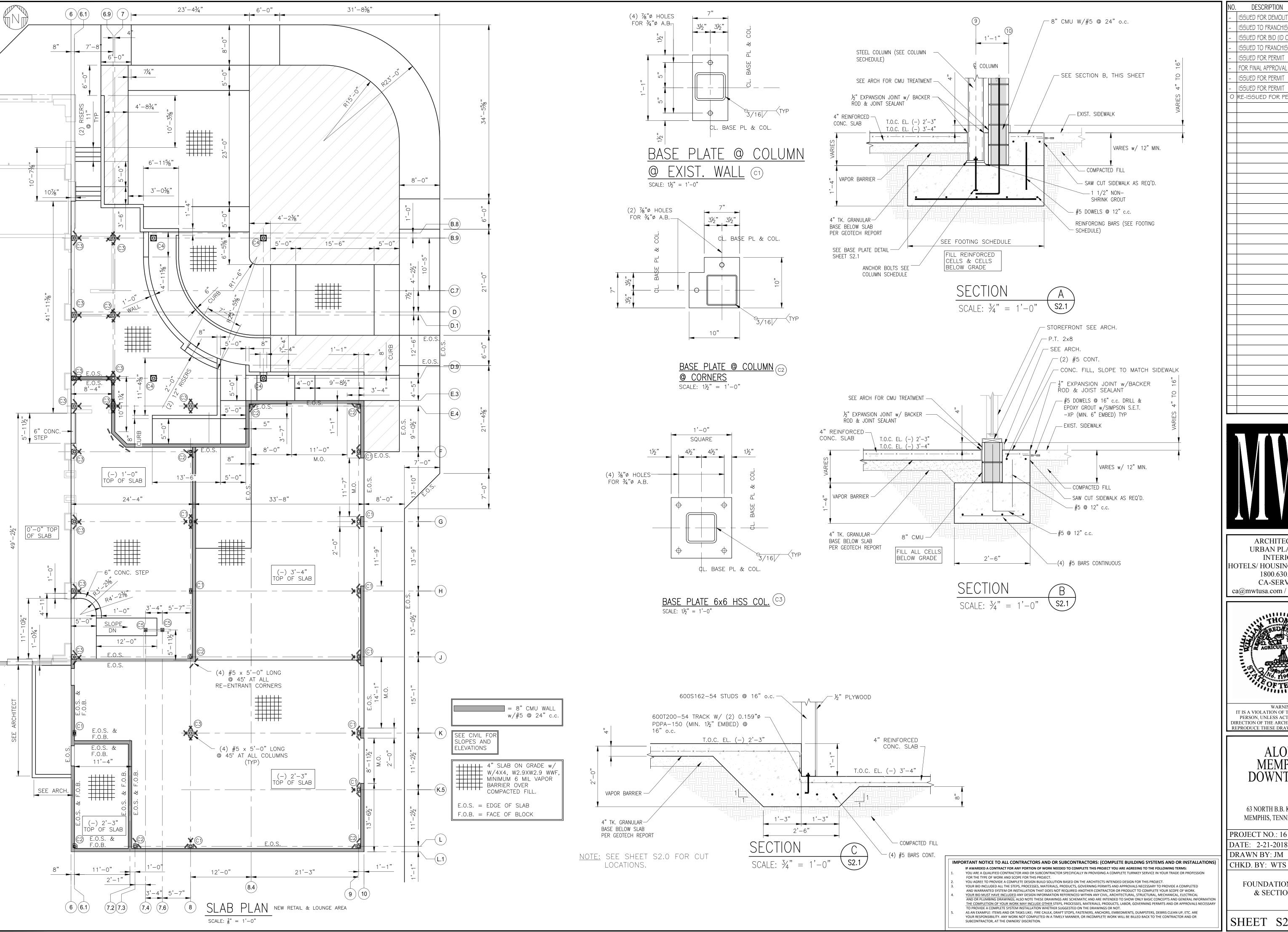
ALOFT MEMPHIS DOWNTOWN

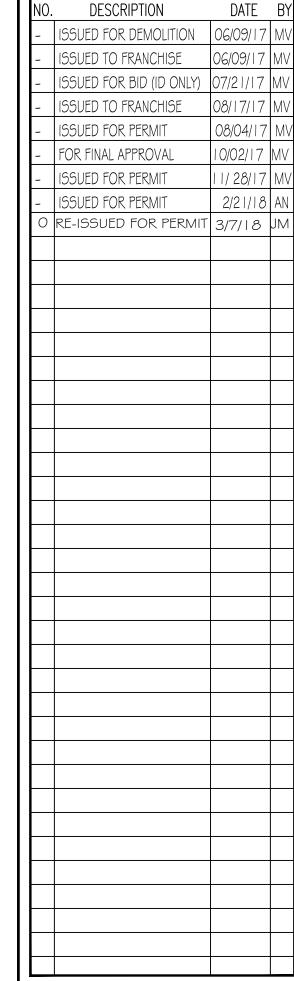
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

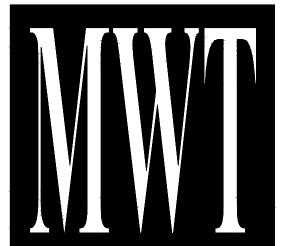
PROJECT NO.: 16 006 DATE: 2-21-2018 DRAWN BY: JM

> FOUNDATION PLAN & SECTIONS

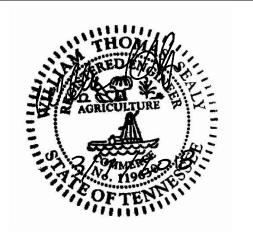
SHEET S2.0







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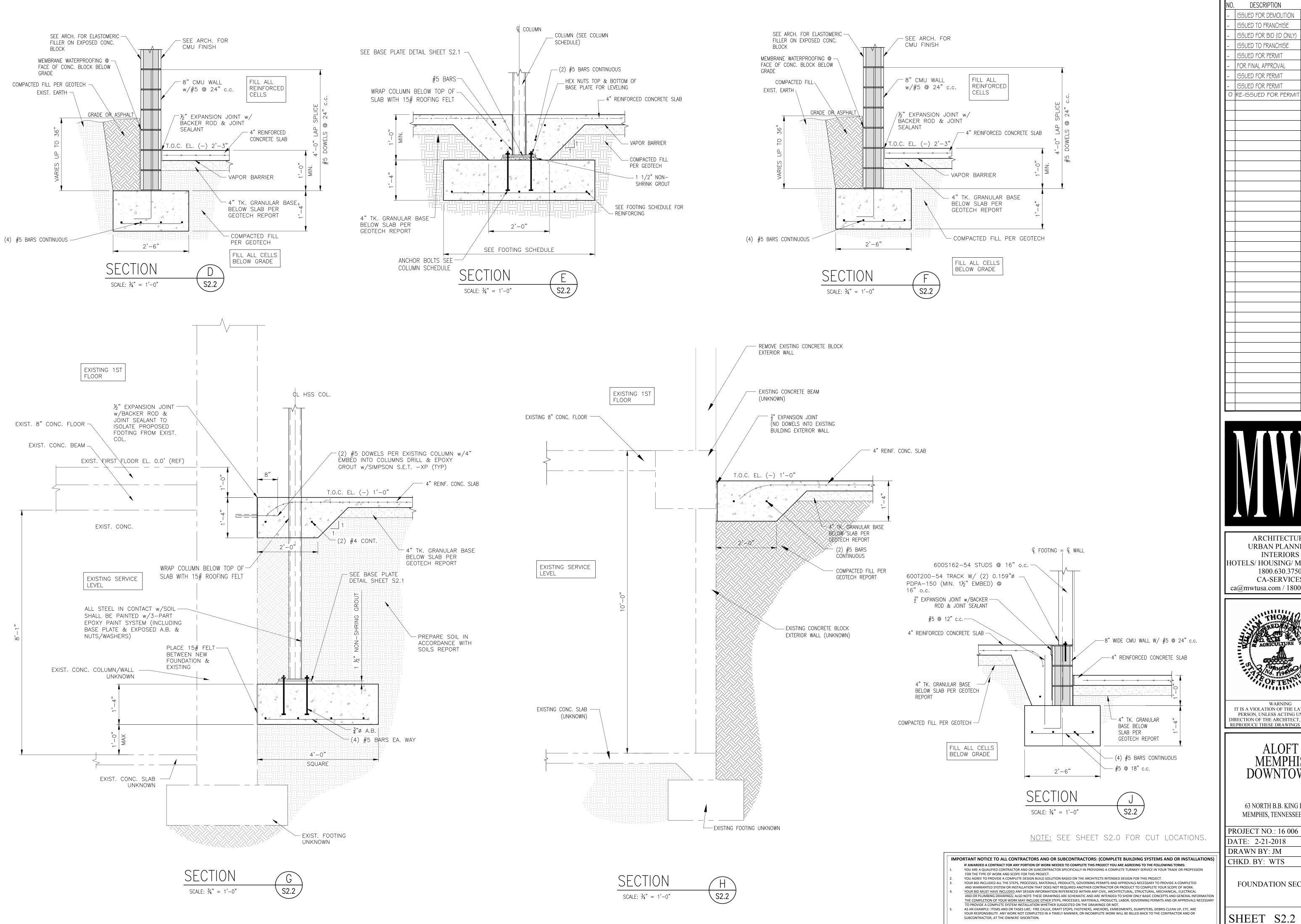
ALOFT MEMPHIS DOWNTOWN

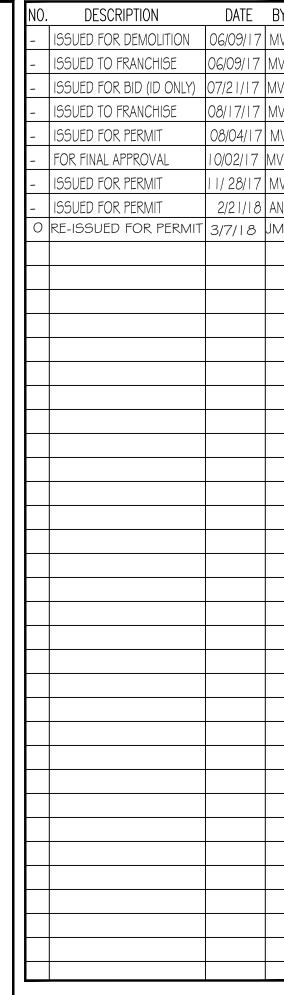
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

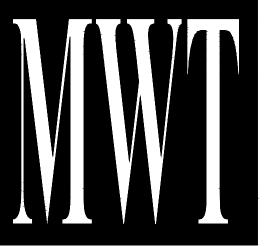
PROJECT NO.: 16 006 DATE: 2-21-2018 DRAWN BY: JM

> FOUNDATION PLAN & SECTIONS

SHEET S2.1







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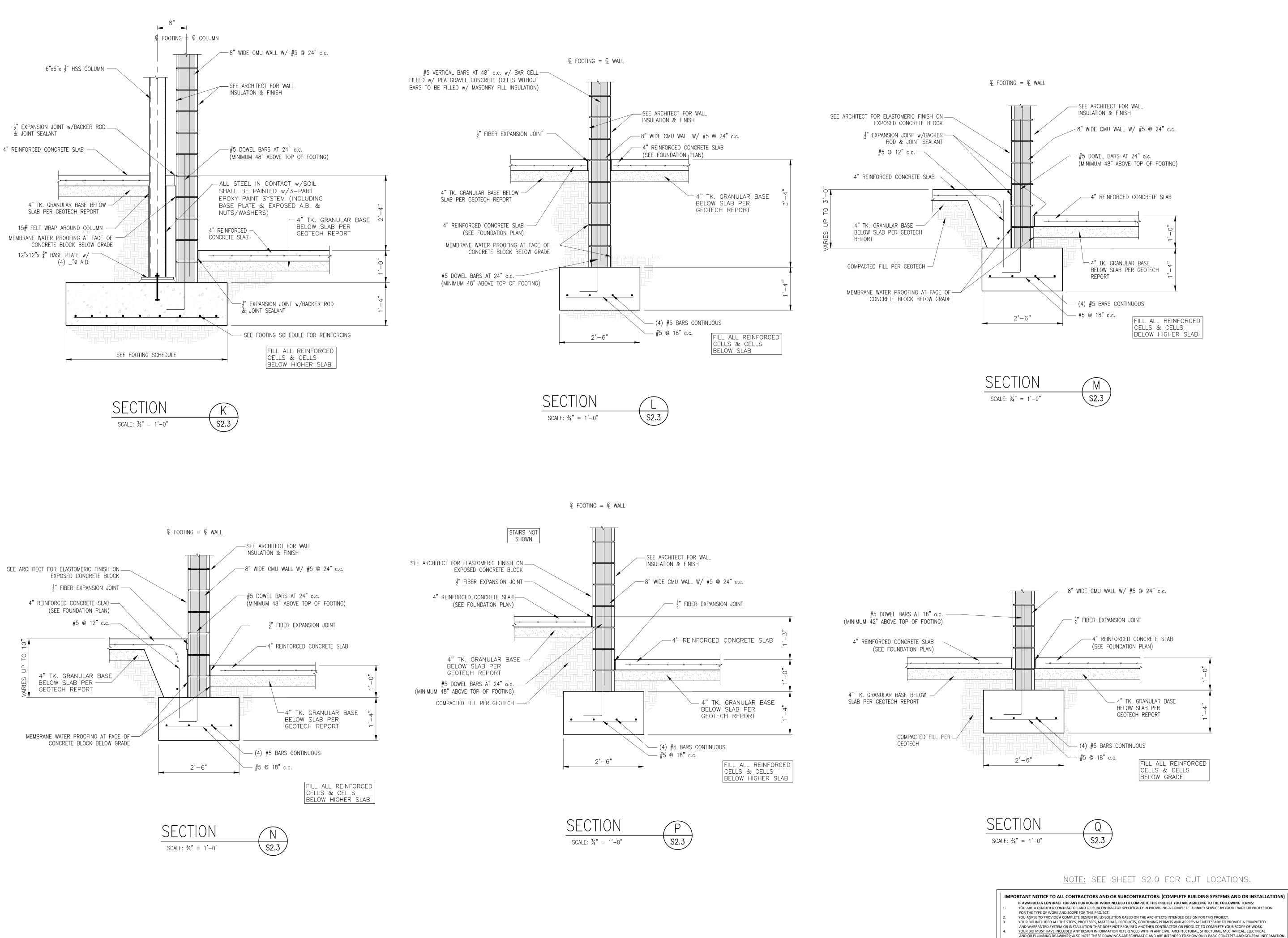


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ALOFT DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

FOUNDATION SECTIONS



NO. DESCRIPTION DATE BY

- ISSUED FOR DEMOLITION 06/09/17 MV

- ISSUED FOR BID (ID ONLY) 07/21/17 MV

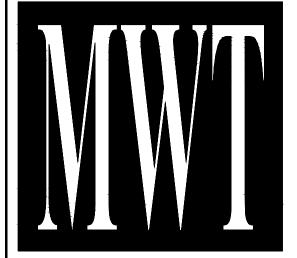
- ISSUED TO FRANCHISE 08/17/17 MV

- ISSUED FOR PERMIT 08/04/17 MV

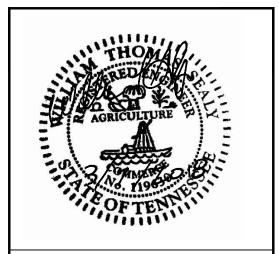
- ISSUED FOR PERMIT 11/28/17 MV

- ISSUED FOR PERMIT 2/21/18 AN

O RE-ISSUED FOR PERMIT 3/7/18 JM



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PROJECT NO.: 16 006

DATE: 2-21-2018

DRAWN BY: JM

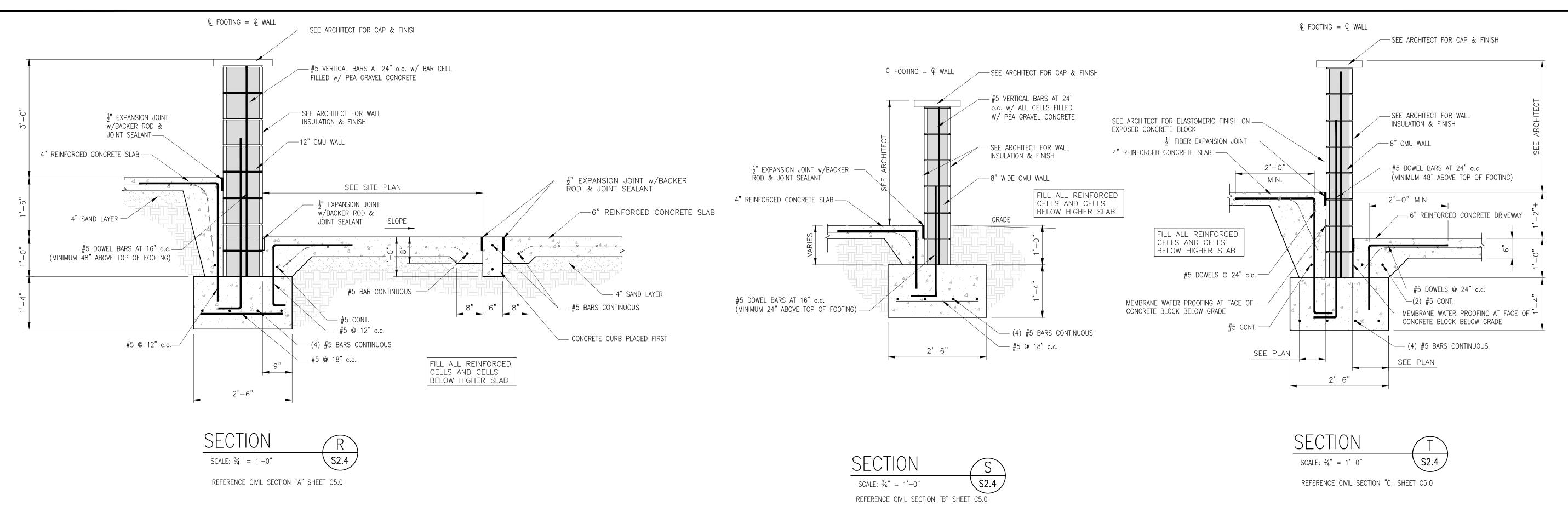
CHKD. BY: WTS

FOUNDATION SECTIONS

SHEET S2.3

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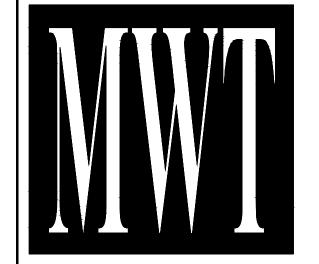
<u>NOTE:</u> SEE SHEET S2.0 FOR CUT LOCATIONS.

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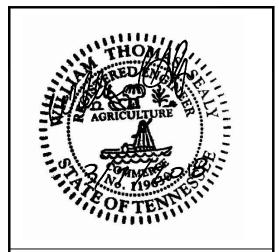
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NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR DEMOLITION	06/09/17	MV
1	ISSUED TO FRANCHISE	06/09/17	MV
-	ISSUED FOR BID (ID ONLY)	07/21/17	MV
-	ISSUED TO FRANCHISE	08/17/17	MV
1	ISSUED FOR PERMIT	08/04/17	MV
1	FOR FINAL APPROVAL	10/02/17	MV
1	ISSUED FOR PERMIT	11/28/17	MV
1	ISSUED FOR PERMIT	2/21/18	AN
0	RE-ISSUED FOR PERMIT	3/7/18	JM



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

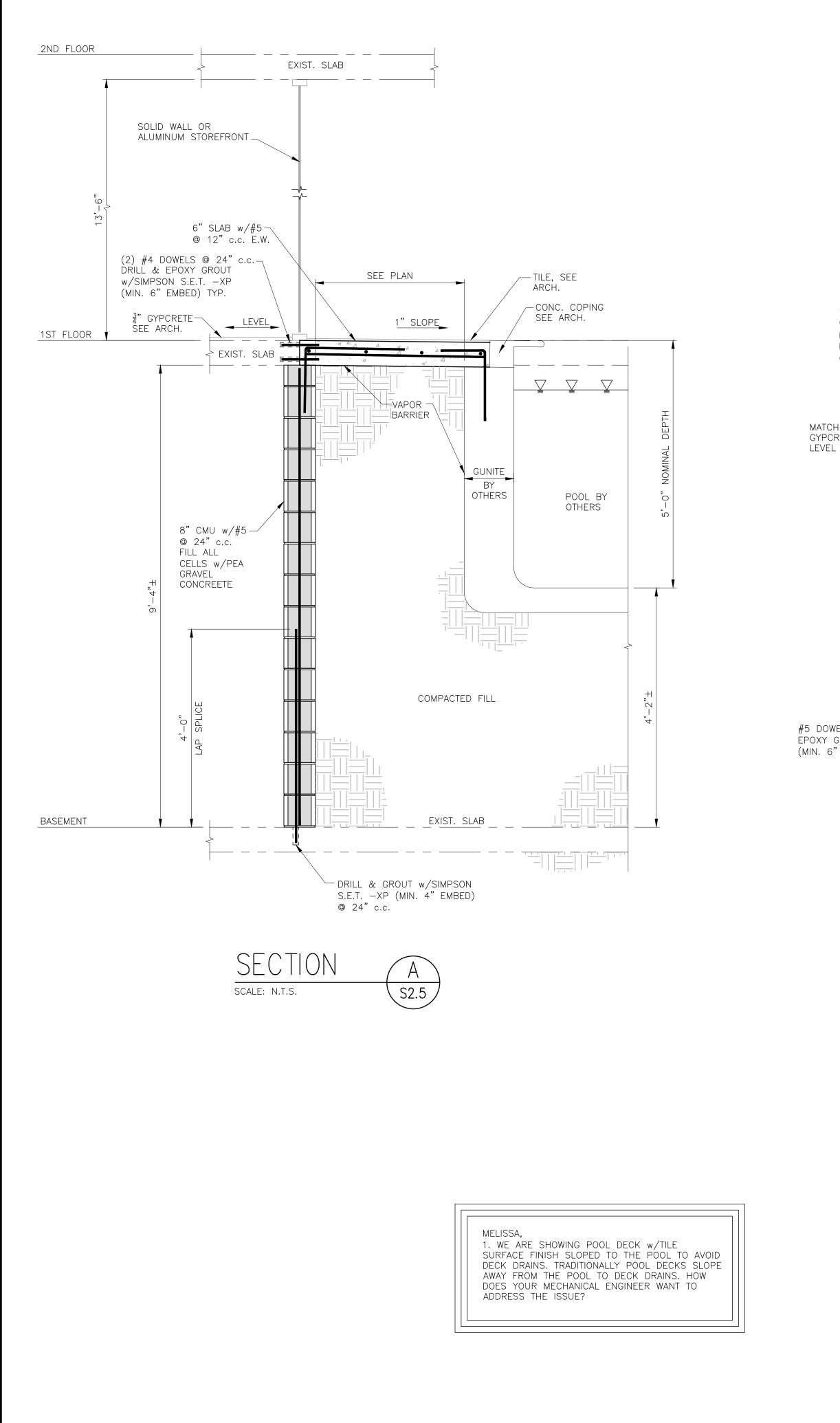
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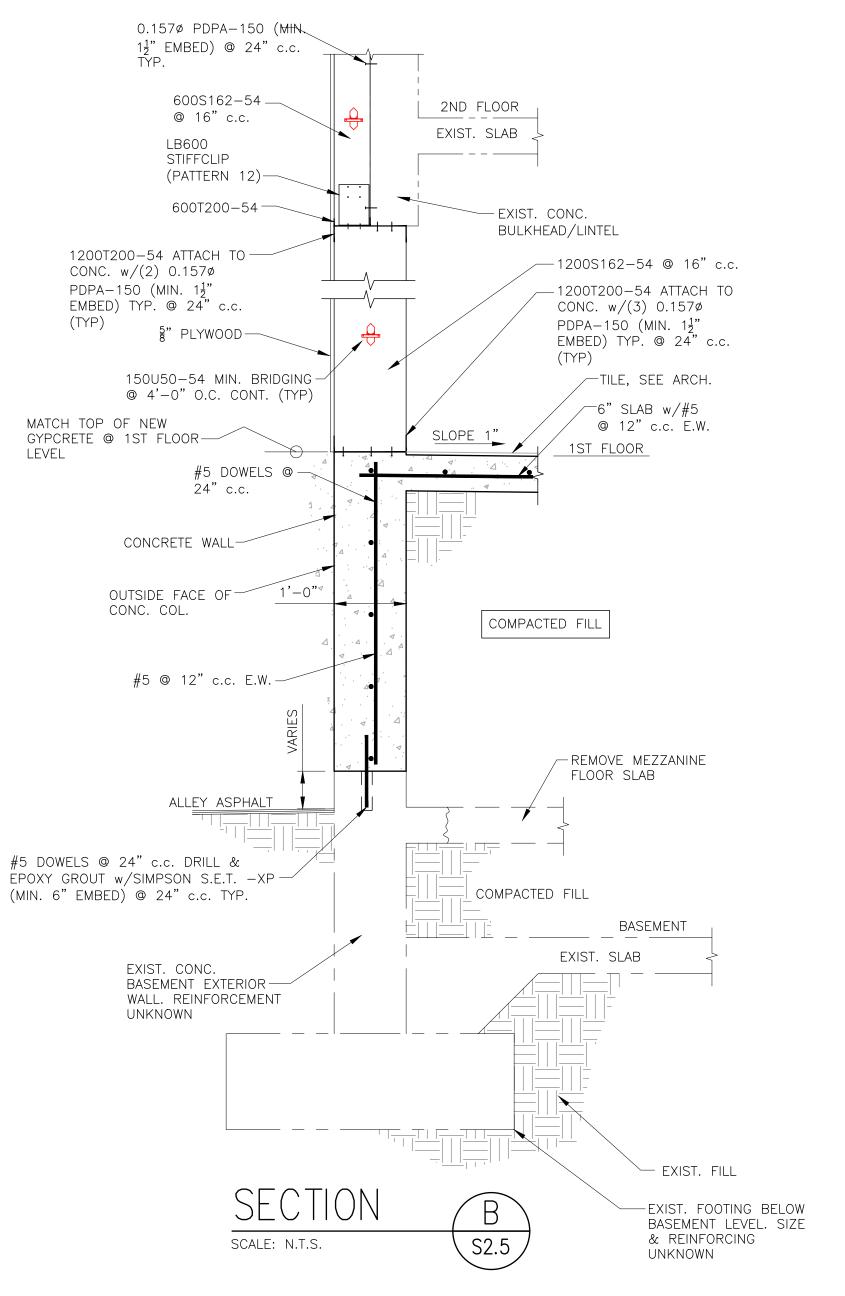
DRAWN BY: JM

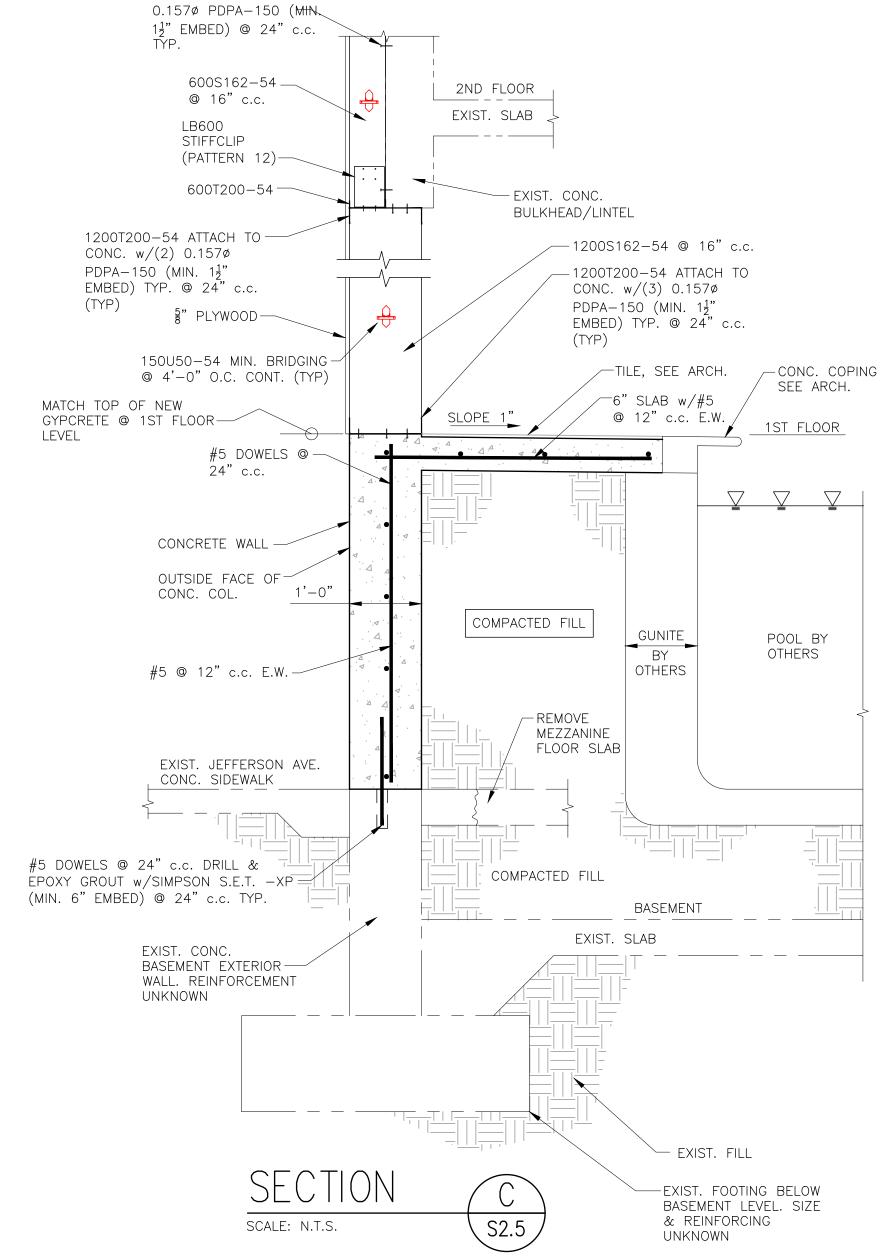
CHKD. BY: WTS

FOUNDATION SECTIONS & ROOF PENETRATIONS

SHEET S2.4

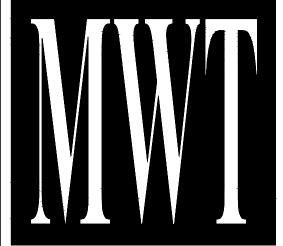




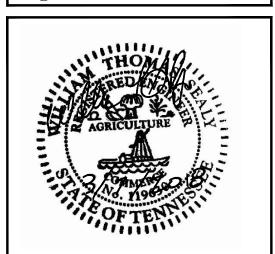


SSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT ISSUED FOR PERMIT O RE-ISSUED FOR PERMIT 3/7/18

DESCRIPTION ISSUED FOR DEMOLITION ISSUED TO FRANCHISE



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PROJECT NO.: 16 006 DATE: 2-21-2018 DRAWN BY: JM

CHKD. BY: WTS

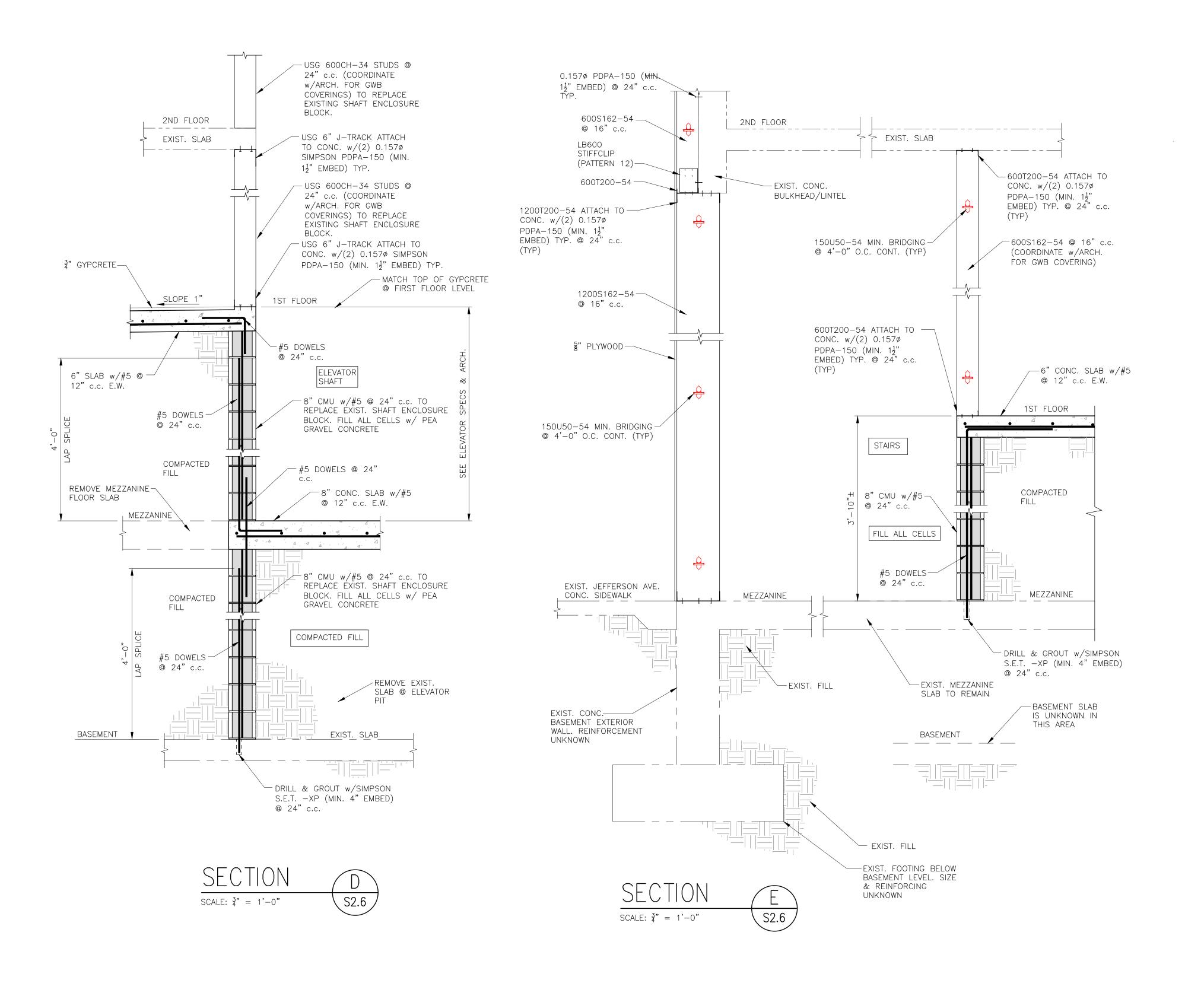
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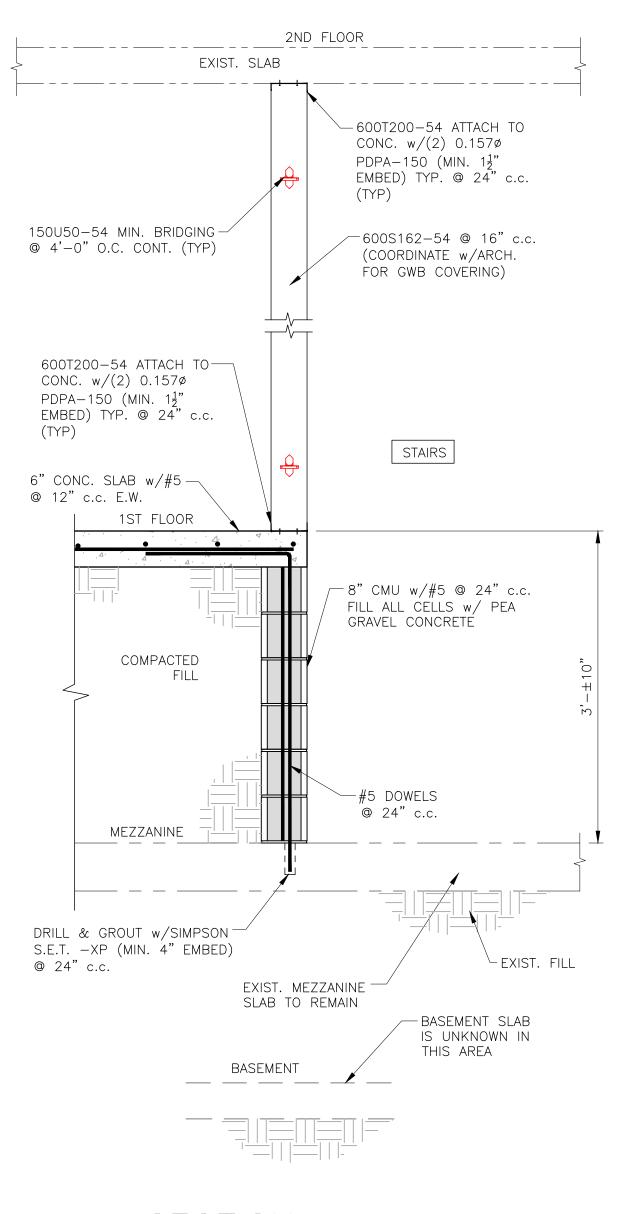
SHEET S2.5

NOTE: SEE SHEET SO.1 FOR CUT LOCATIONS.

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- ISSUED FOR PERMIT 2/21/18 AN O RE-ISSUED FOR PERMIT 3/7/18 JM

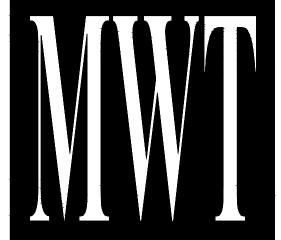
DESCRIPTION

ISSUED TO FRANCHISE
ISSUED FOR BID (ID ONLY)
ISSUED TO FRANCHISE
ISSUED FOR PERMIT

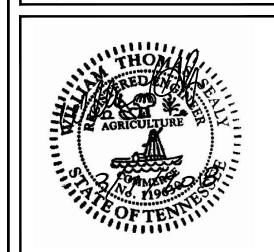
FOR FINAL APPROVAL

ISSUED FOR DEMOLITION 06/09/17

08/04/17



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 2-21-2018

DRAWN BY: JM

CHKD. BY: WTS

FOUNDATION SECTIONS

SHEET S2.6

<u>NOTE:</u> SEE SHEET SO.1 FOR CUT LOCATIONS.

√S2.6

SCALE: $\frac{3}{4}$ " = 1'-0"

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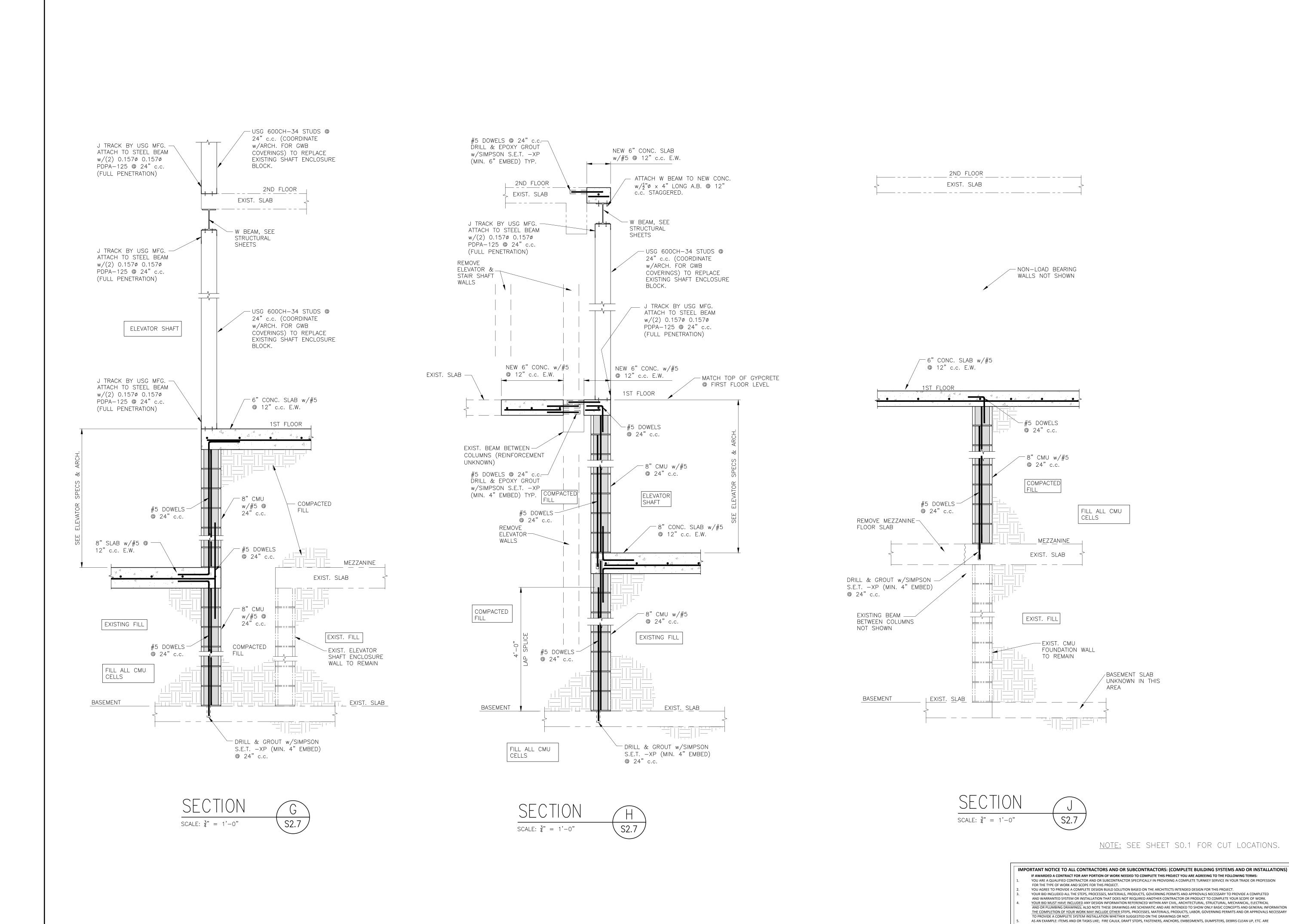
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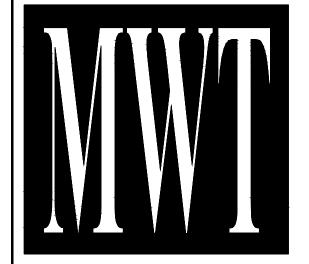
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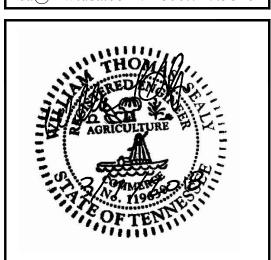
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DESCRIPTION ISSUED FOR DEMOLITION 06/09/17 ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT 08/04/17 FOR FINAL APPROVAL ISSUED FOR PERMIT ISSUED FOR PERMIT O RE-ISSUED FOR PERMIT 3/7/18



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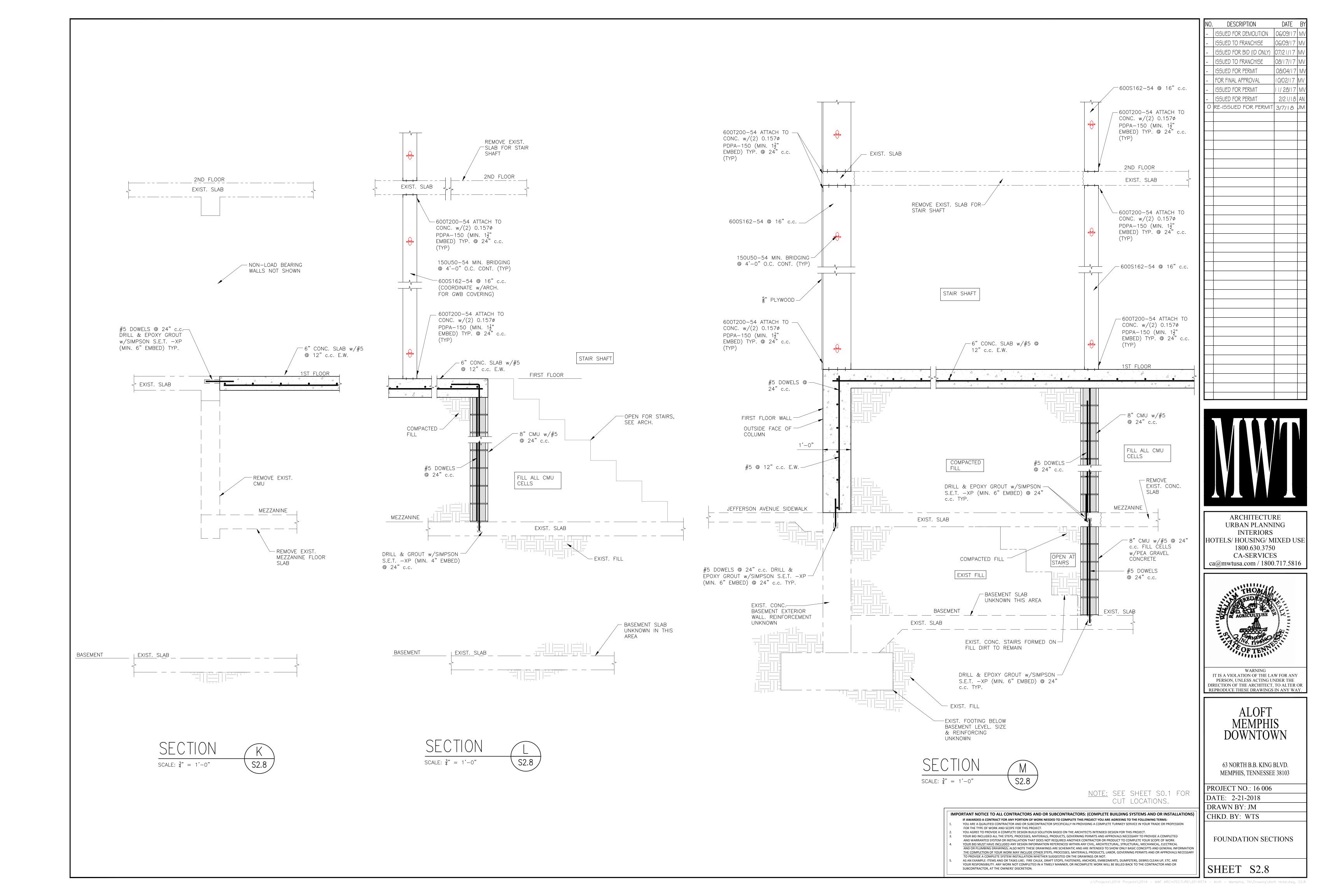
PROJECT NO.: 16 006 DATE: 2-21-2018 DRAWN BY: JM

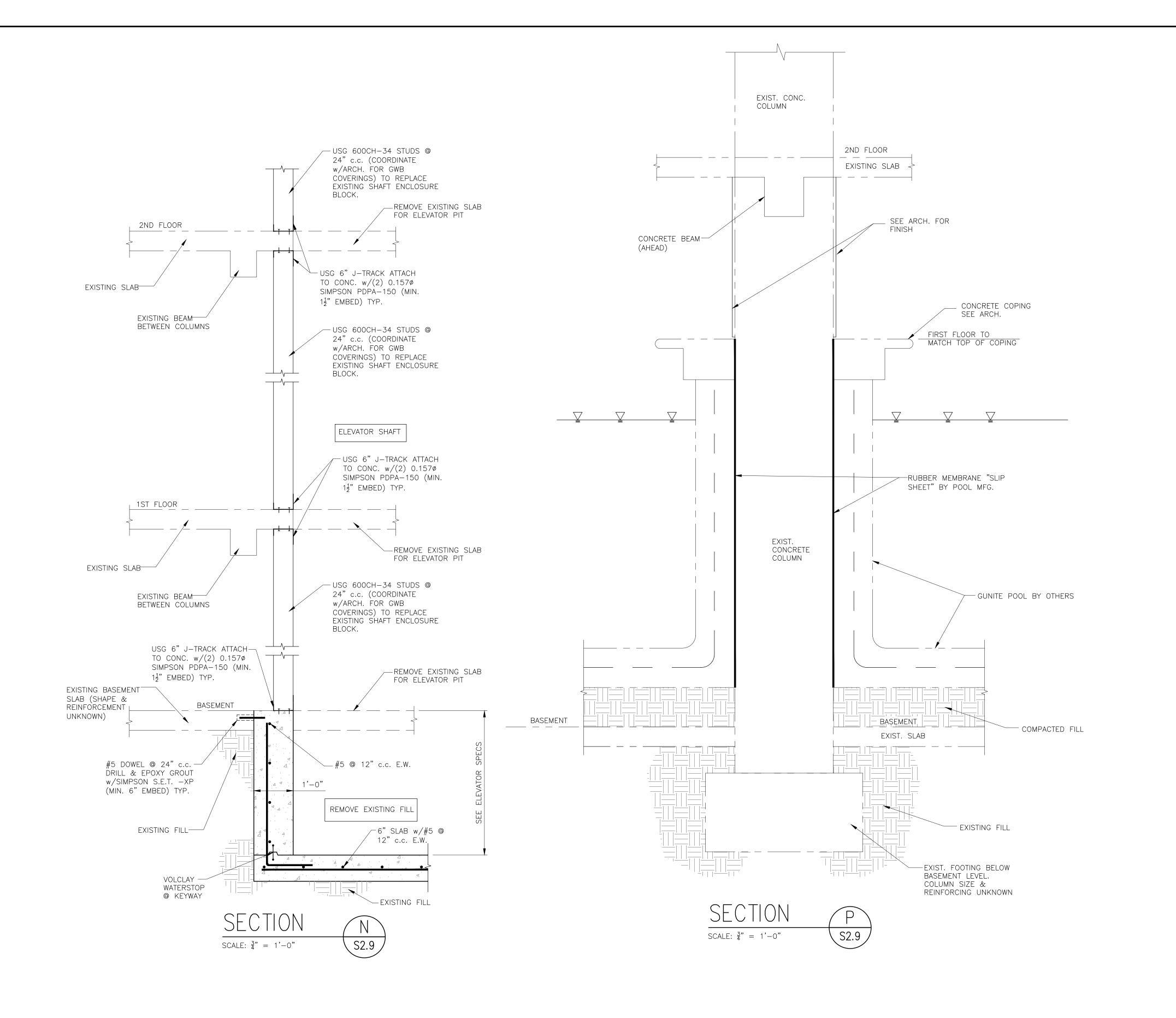
CHKD. BY: WTS

FOUNDATION SECTIONS

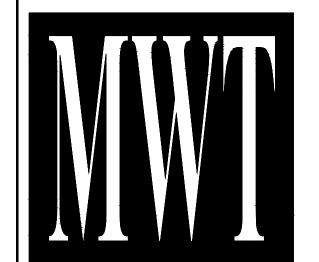
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SHEET S2.7

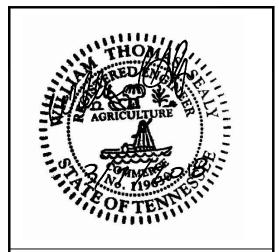




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FOUNDATION SECTIONS

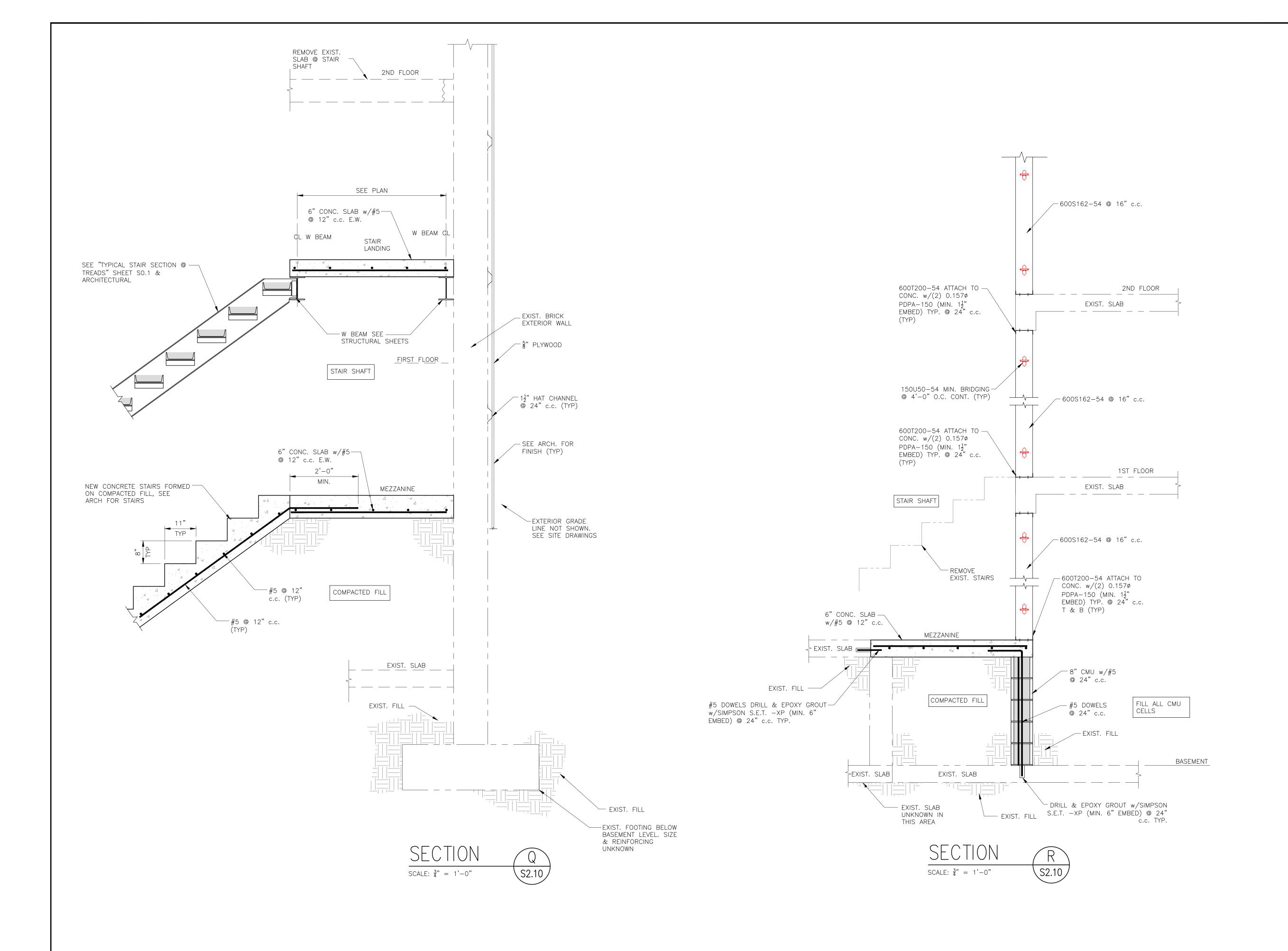
SHEET S2.9

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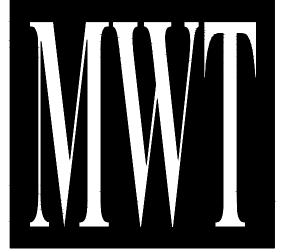
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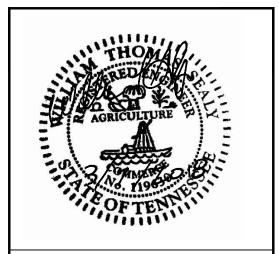
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- - - - - - - 0	ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT ISSUED FOR PERMIT	06/09/17 07/21/17 08/17/17 08/04/17 10/02/17	MV MV MV
- - - - O	ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT ISSUED FOR PERMIT	07/21/17 08/17/17 08/04/17 10/02/17	MV MV MV
- - - - 0	ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT ISSUED FOR PERMIT	08/17/17 08/04/17 10/02/17	MV MV
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

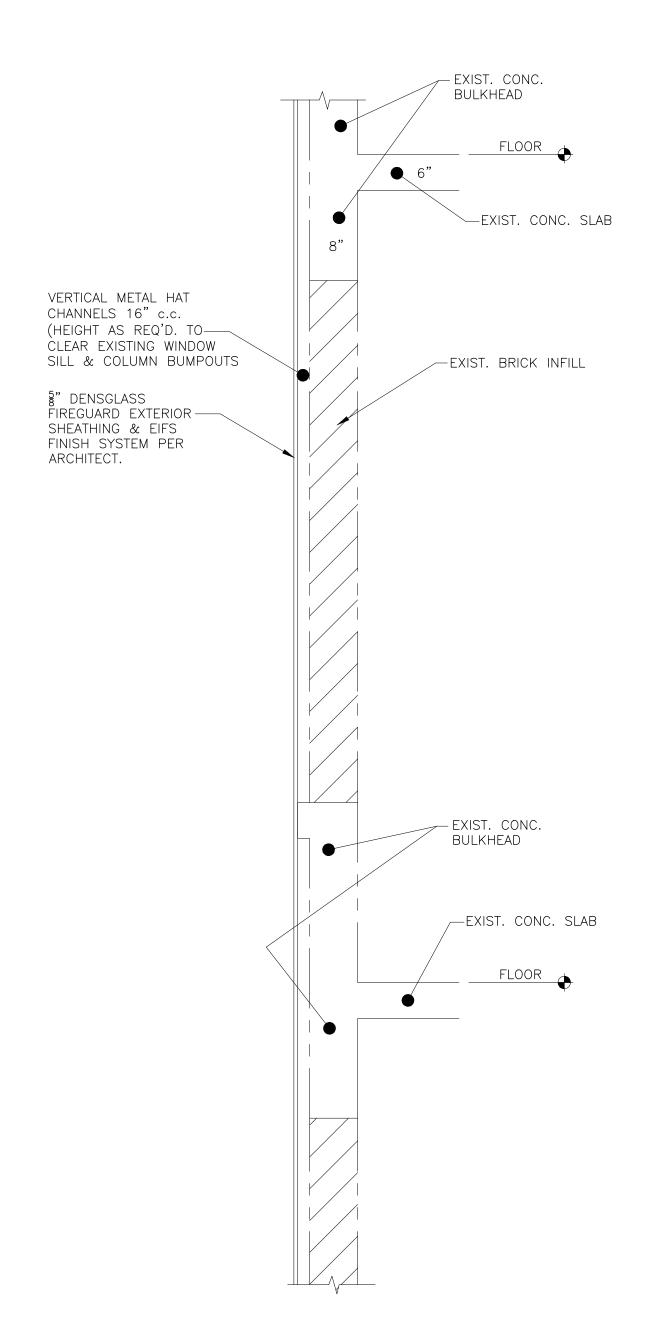
DATE: 2-21-2018

DRAWN BY: JM

CHKD. BY: WTS

FOUNDATION SECTIONS

SHEET S2.10



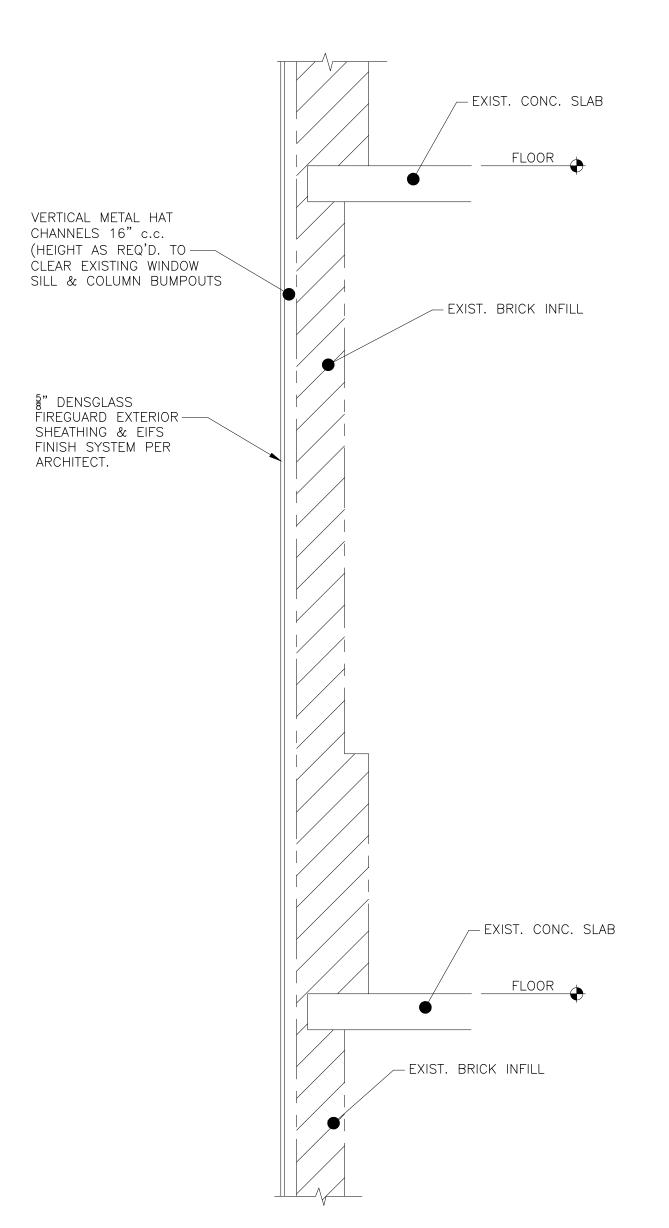
EXISTING WALL TO REMAIN AS WALL

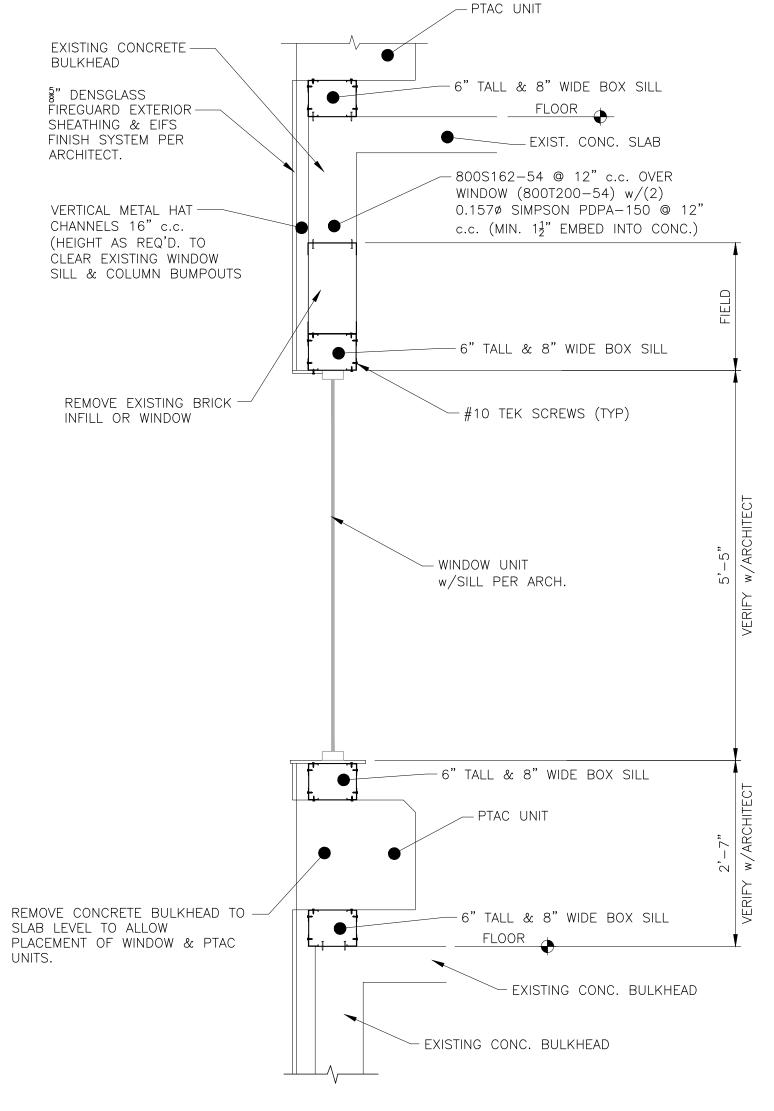
SCALE: N.T.S.

FRAME LINE (A)

FRAME LINE (6) D TO E, F TO G

FRAME LINE (1)





EXISTING WALL TO REMAIN AS WALL

FRAME LINE 6 A TO B, B TO C, C TO D, E TO F, G TO H, H TO J

EXISTING WALL TO BECOME WINDOW & EXIST. WINDOW TO BECOME TALLER WINDOW

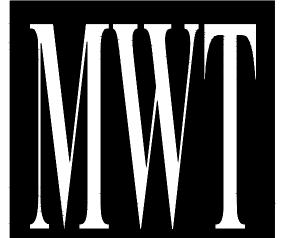
FRAME LINE (A)

SCALE: N.T.S.

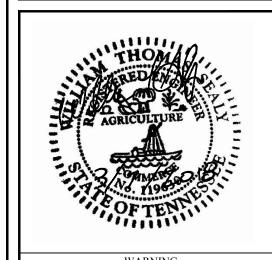
FRAME LINE (A)

FRAME LINE 6 D TO E, F TO G

FRAME LINE (1)



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63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 2-21-2018

DRAWN BY: JM

CHKD. BY: WTS

WALL SECTIONS

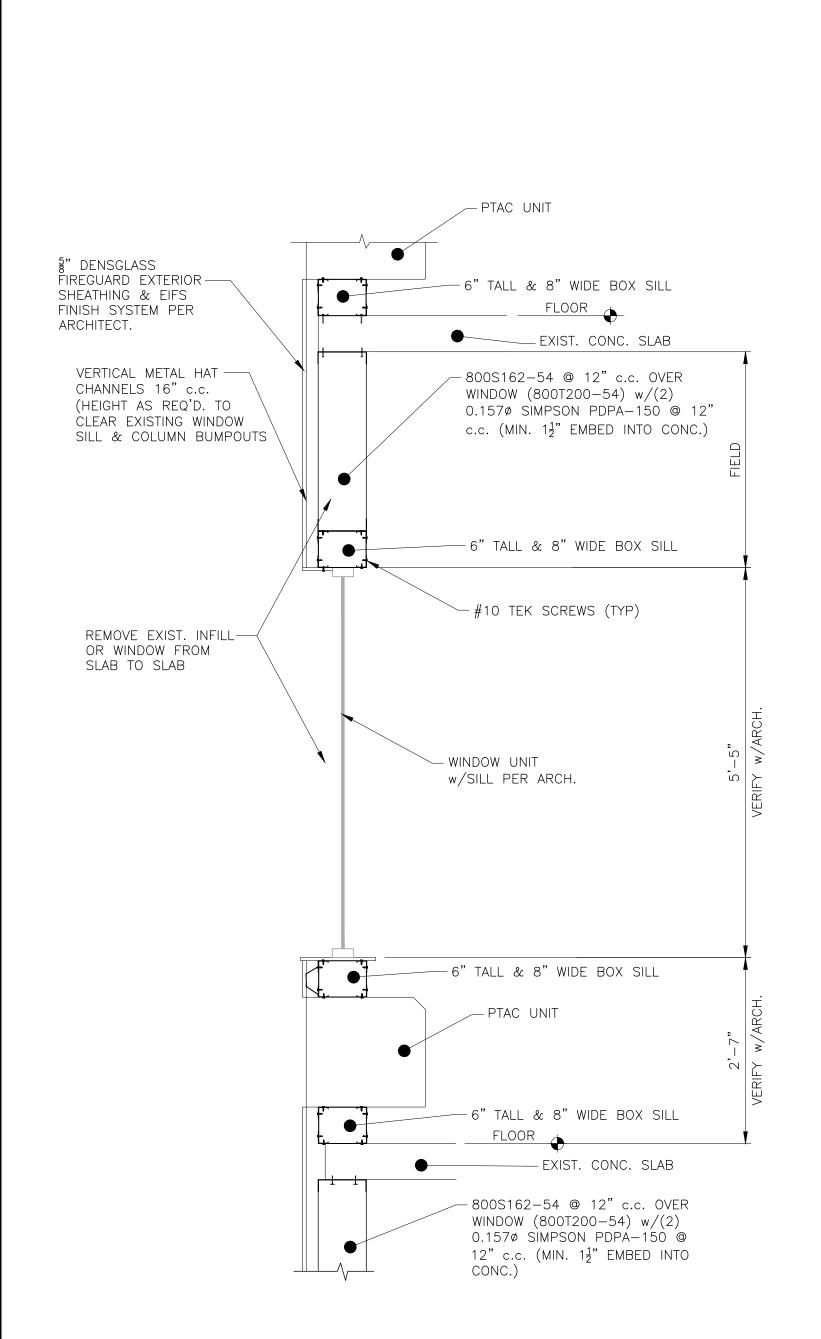
SHEET S2.11

NOTE: SEE SHEET S1.1 FOR CUT LOCATIONS.

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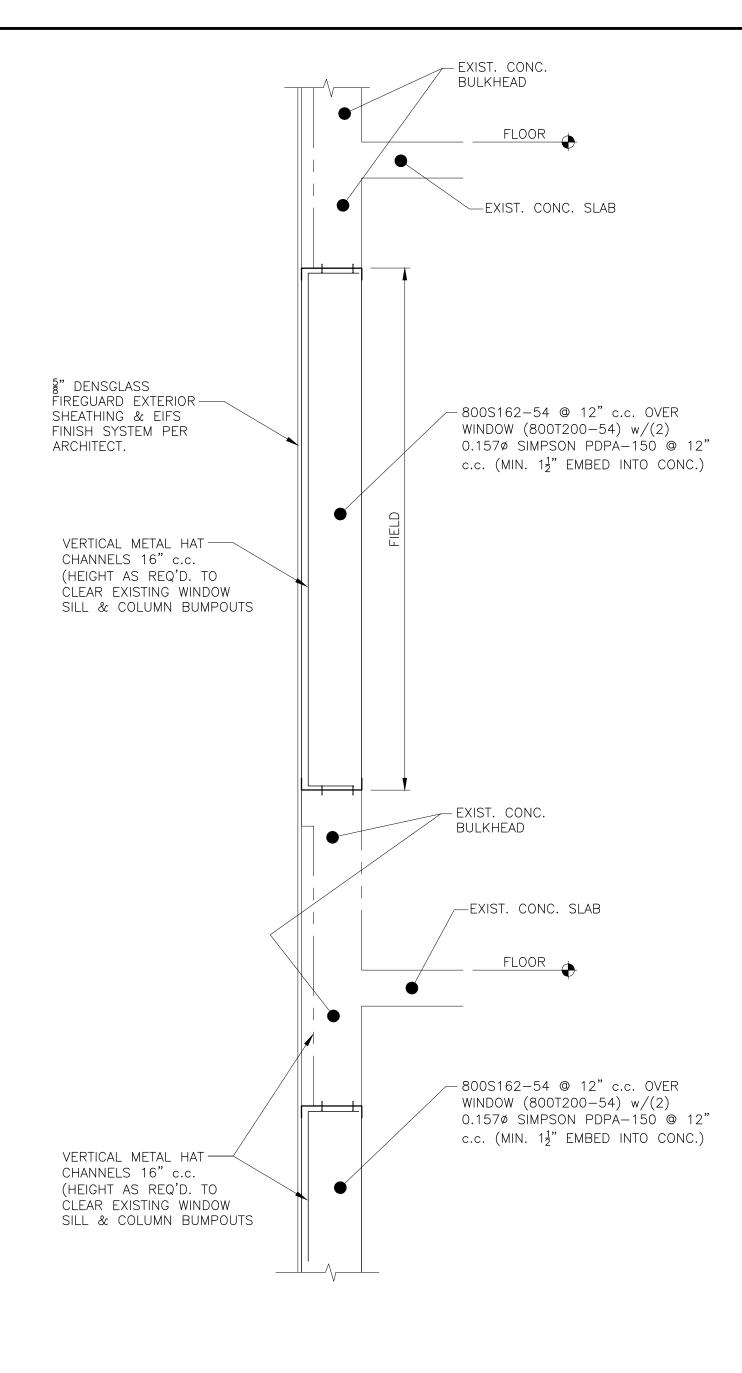


EXISTING WALL TO BECOME WINDOW & EXIST. WINDOW TO BECOME

TALLER WINDOW

FRAME LINE 6 A TO B, B TO C, C TO D, E TO F, G TO H, H TO J

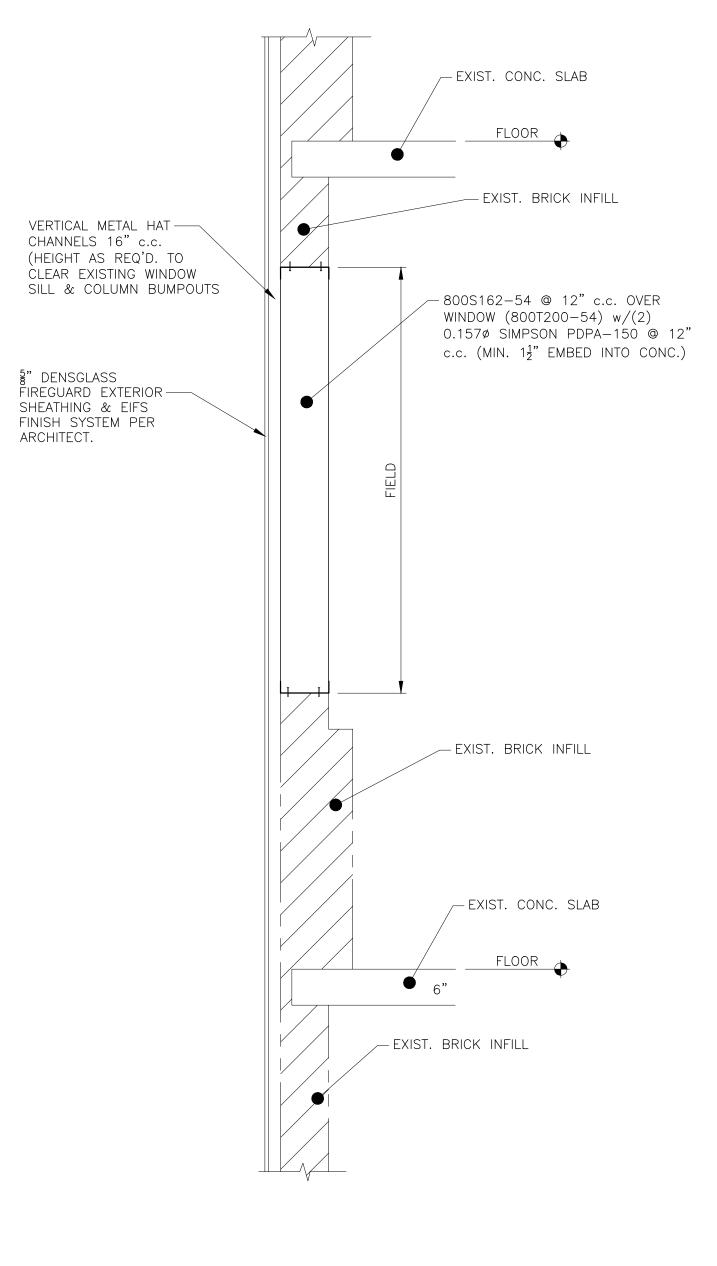
FRAME LINE (J)



EXISTING WINDOW TO BECOME WALL

SCALE: N.T.S.

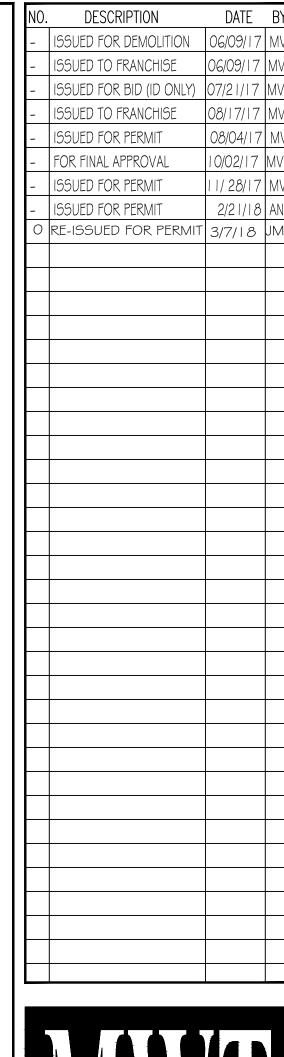
FRAME LINE (A) FRAME LINE (6) D TO E, F TO G FRAME LINE (1)

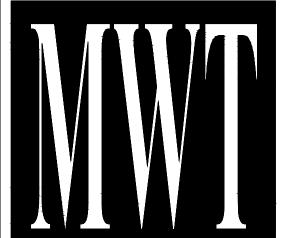


EXISTING WINDOW TO BECOME WALL

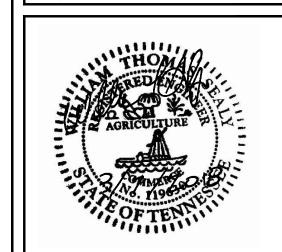
SCALE: N.T.S.

FRAME LINE 6 A TO B, B TO C, C TO D, E TO F, G TO H, H TO J FRAME LINE (J)





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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 2-21-2018 DRAWN BY: JM

CHKD. BY: WTS

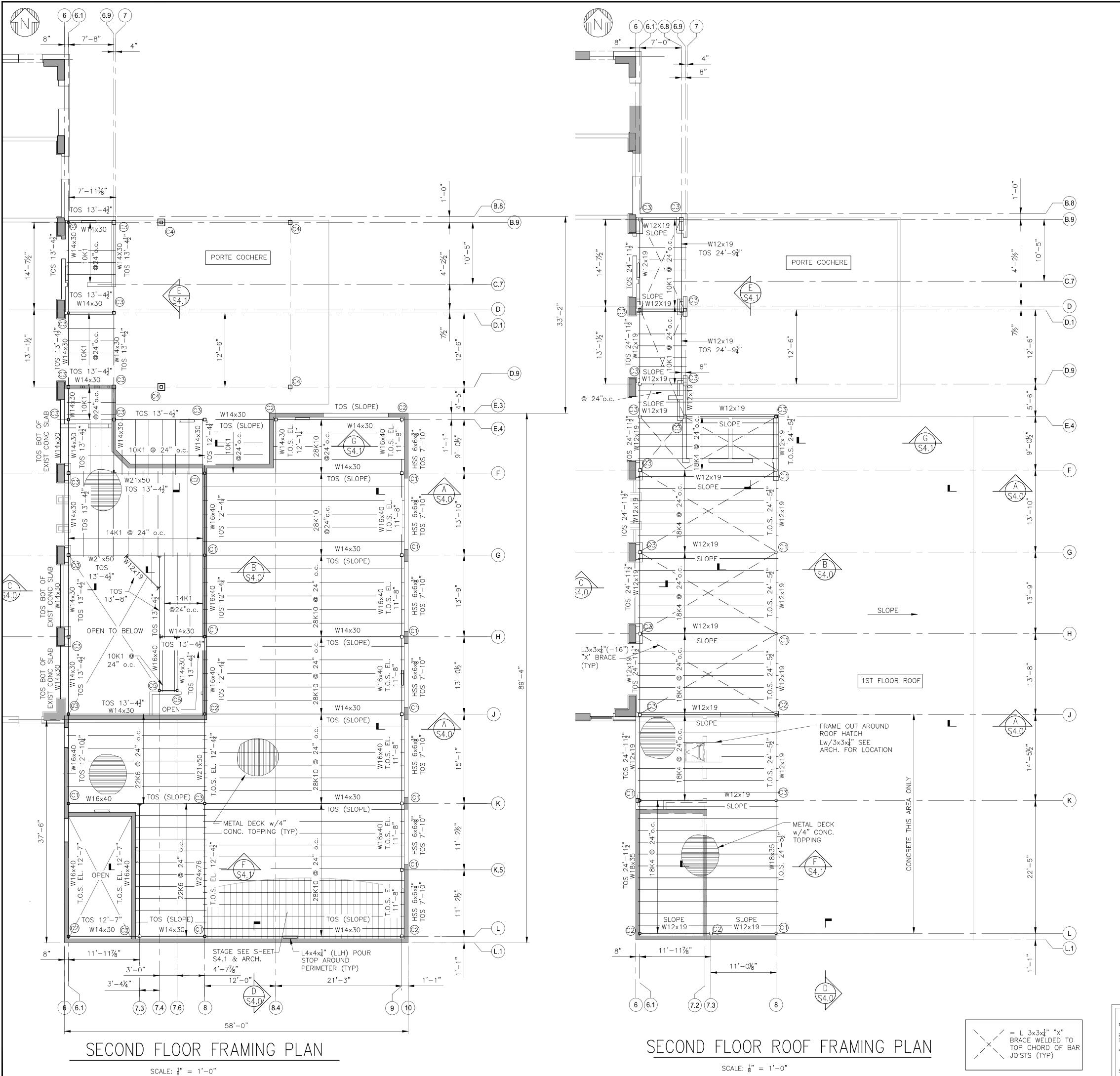
WALL SECTIONS

SHEET S2.12

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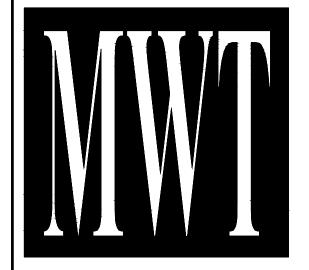
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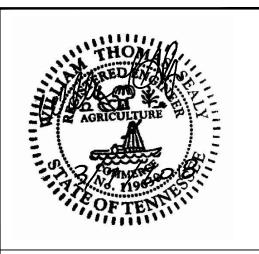
COLUMN SCHEDULE						
MARK	COLUMN SIZE	BASE PLATE	CAP PLATE			
(C1)	HSS 6x6x8"	$7"x1'-1"x_2^{1"}$ PLATE $w/(2) \frac{7}{8}"\emptyset$ HOLES FOR $\frac{3}{4}"\emptyset$ A.B.	10"x10"x ¹ "			
C2)	HSS 6x6x ₄ 3"	SEE SHEET S2.1 FOR BASE PLATE. (2) \(\frac{7}{8}\)"\phi HOLES FOR \(\frac{3}{4}\)"\phi A.B.	10"x10"x ¹ "			
C3)	HSS 6x6x ₄ 3"	12"x12"x $\frac{1}{2}$ " PLATE $w/(4) \frac{7}{8}$ " MOLES FOR $\frac{3}{4}$ " A.B.	10"x10"x ¹ 2"			
<u>C4</u>)	HSS 8x8x ₈ g"	SEE THIS SHEET FOR BASE PLATE. (4) $1\frac{1}{4}$ % HOLES FOR $1\frac{1}{8}$ % A.B.	12"x12"x8"			
(C5)	HSS 4x4x ₈ 3"	SEE THIS SHEET FOR BASE PLATE. (2) 3"0 HOLES FOR 3"0 A.B.	8"x8"x8"			

1101	DESCRIPTION	- D/ (IL	
-	ISSUED FOR DEMOLITION	06/09/17	MV
-	ISSUED TO FRANCHISE	06/09/17	ΜV
-	ISSUED FOR BID (ID ONLY)	07/21/17	ΜV
-	ISSUED TO FRANCHISE	08/17/17	ΜV
-	ISSUED FOR PERMIT	08/04/17	M٧
-	FOR FINAL APPROVAL	10/02/17	ΜV
-	ISSUED FOR PERMIT	11/28/17	ΜV
-	ISSUED FOR PERMIT	2/21/18	AN
0	RE-ISSUED FOR PERMIT		ЈМ

DESCRIPTION



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 2-21-2018

DRAWN BY: JM CHKD. BY: WTS

RETAIL BLDG. 2nd FLOOR & ROOF FRAMING PLANS

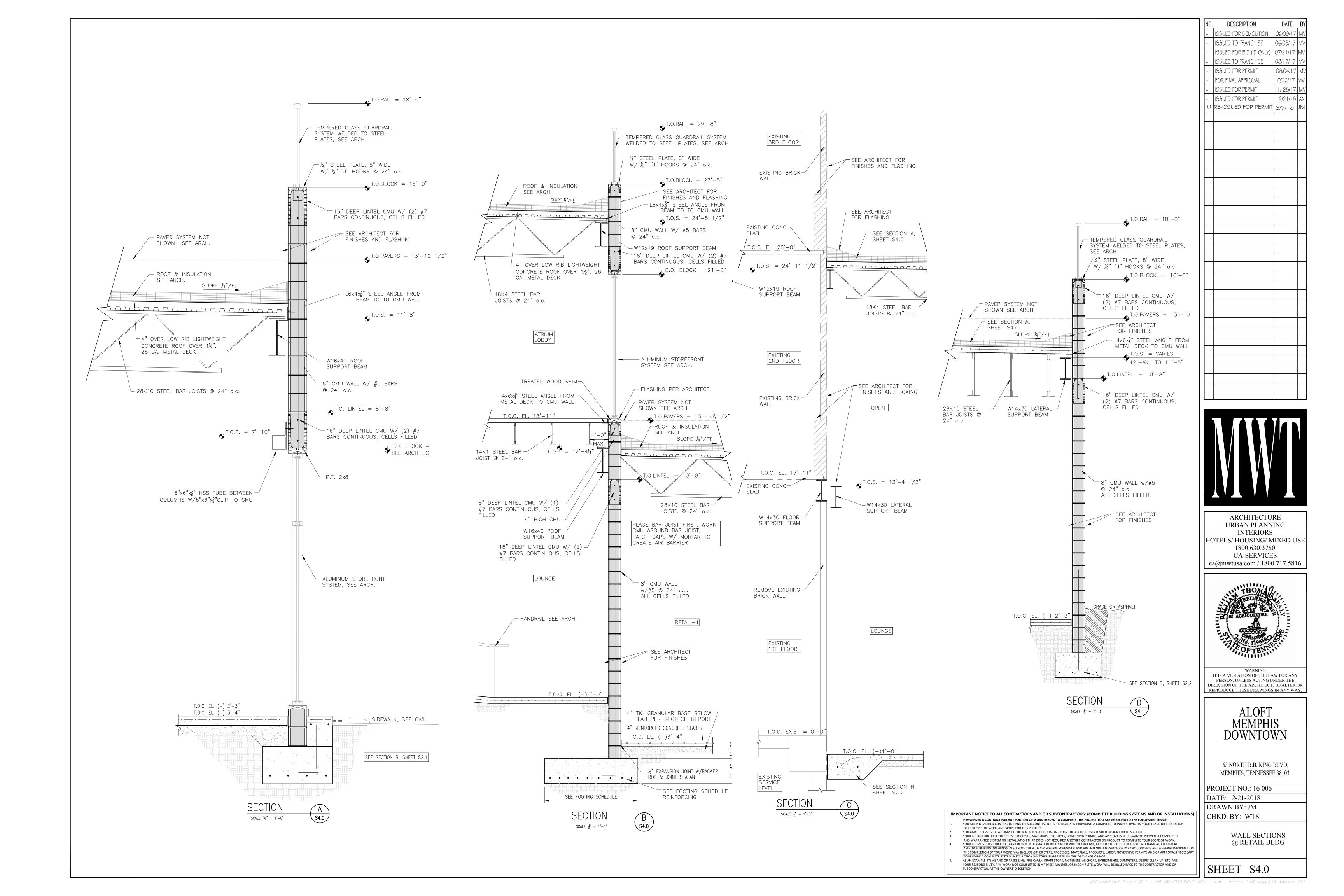
SHEET S3.0

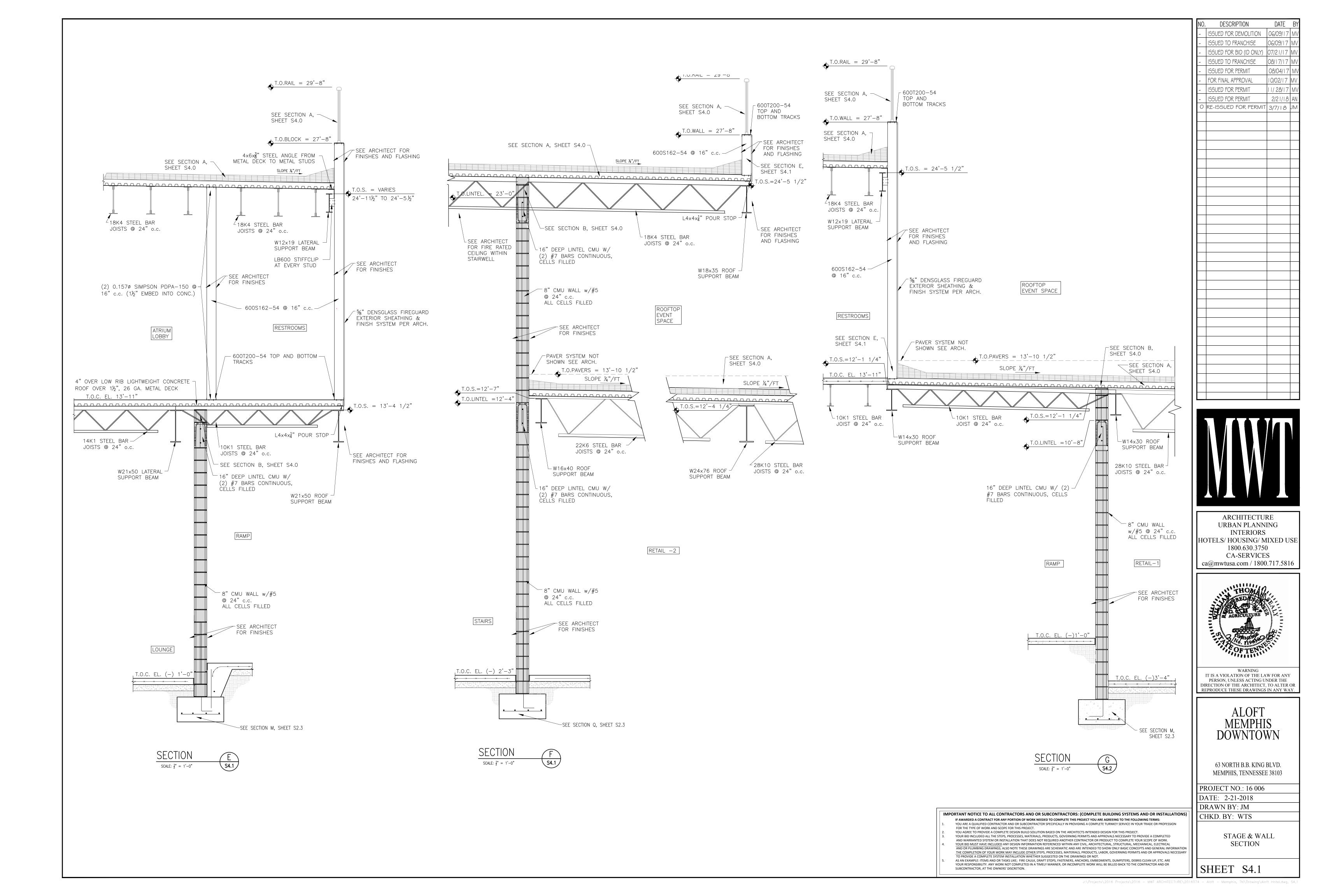
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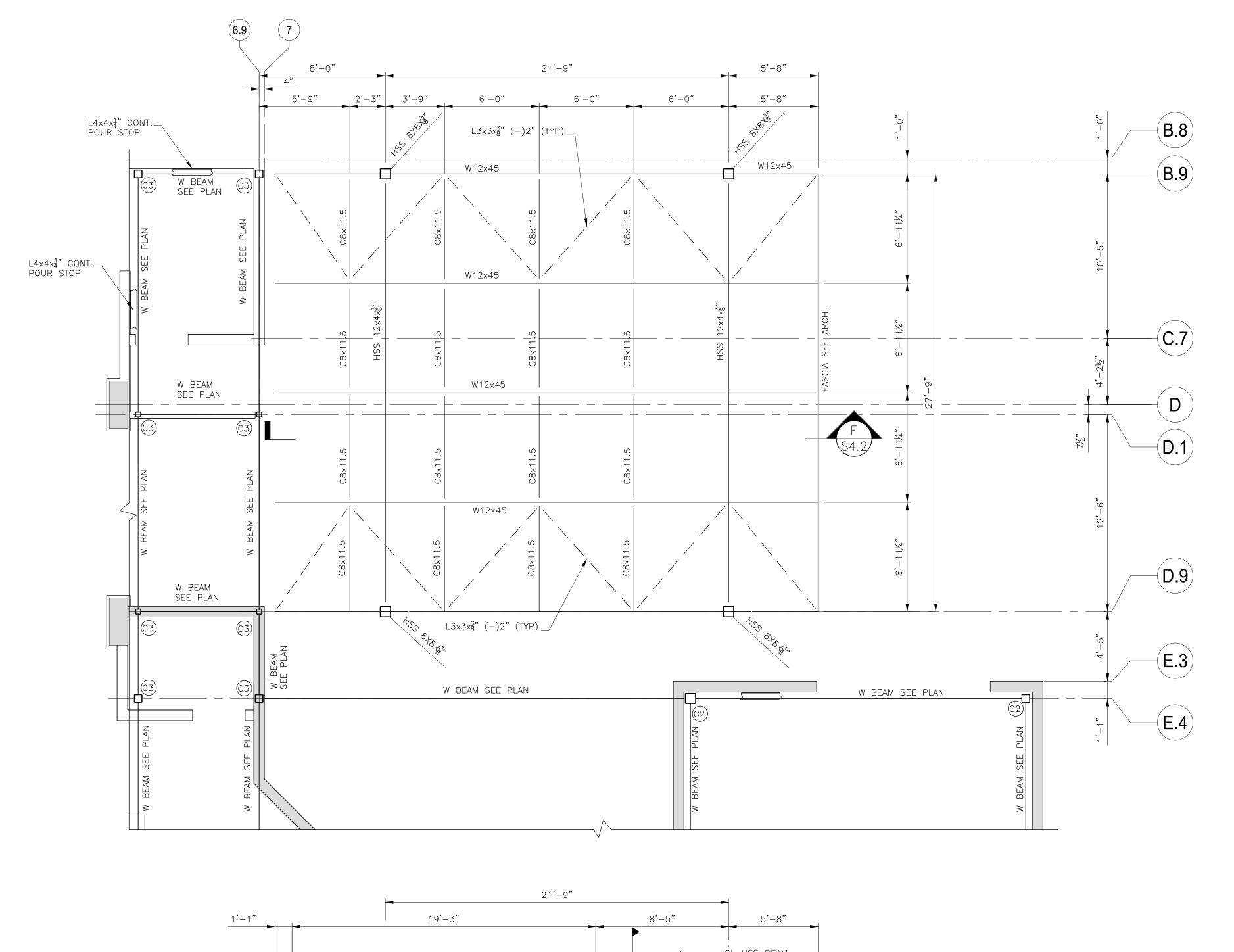
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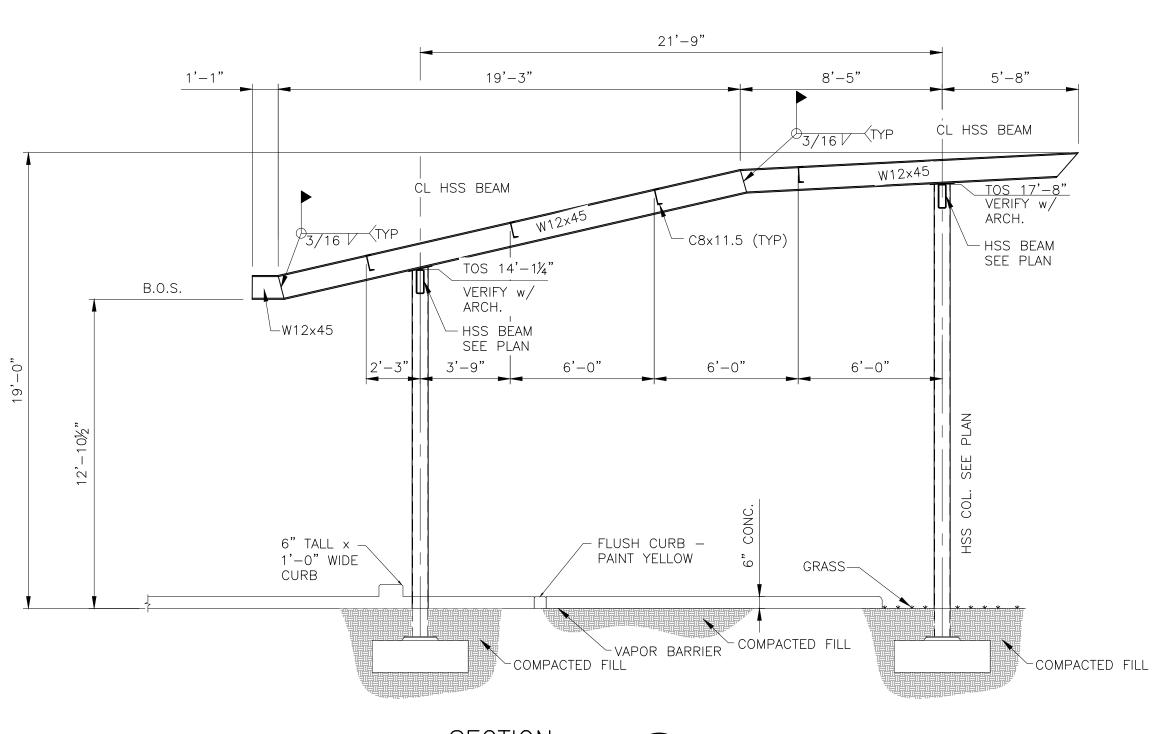
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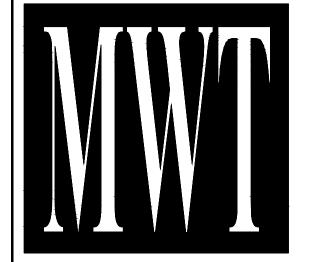
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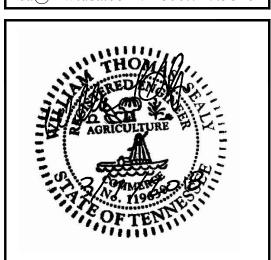
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-	ISSUED FOR PERMIT	11/28/17	ΜV
-	ISSUED FOR PERMIT	2/21/18	AN
0	RE-ISSUED FOR PERMIT	3/7/18	JМ



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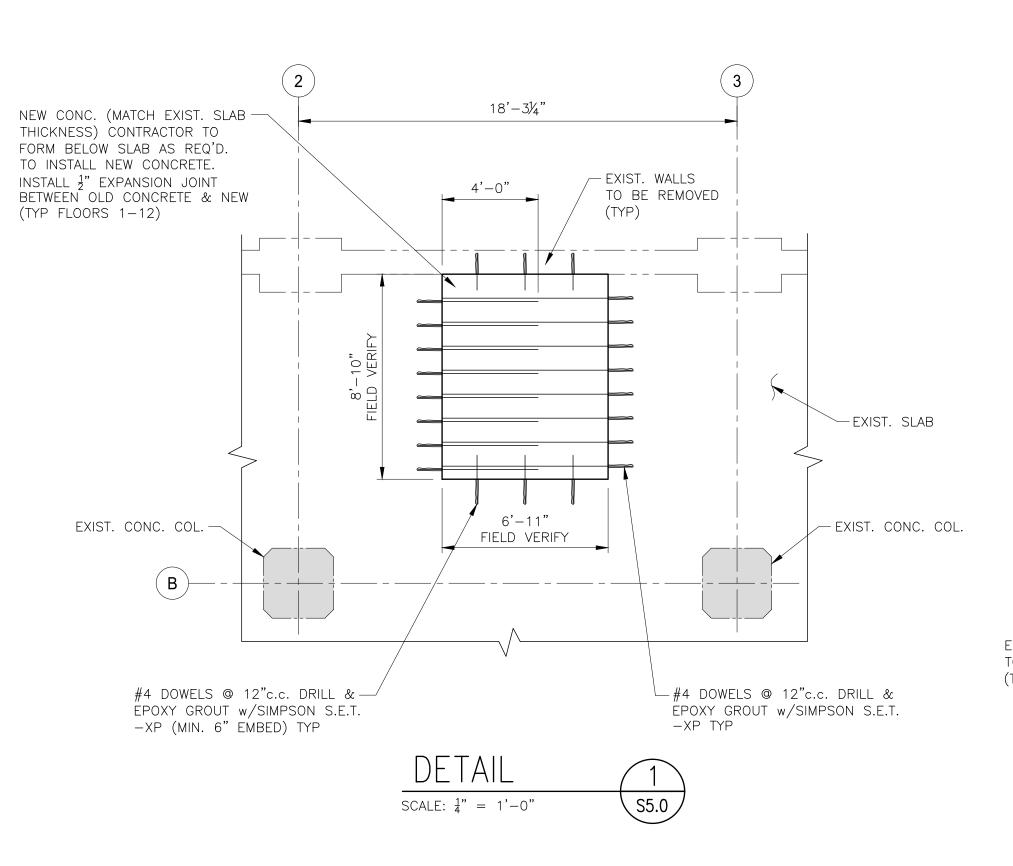
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

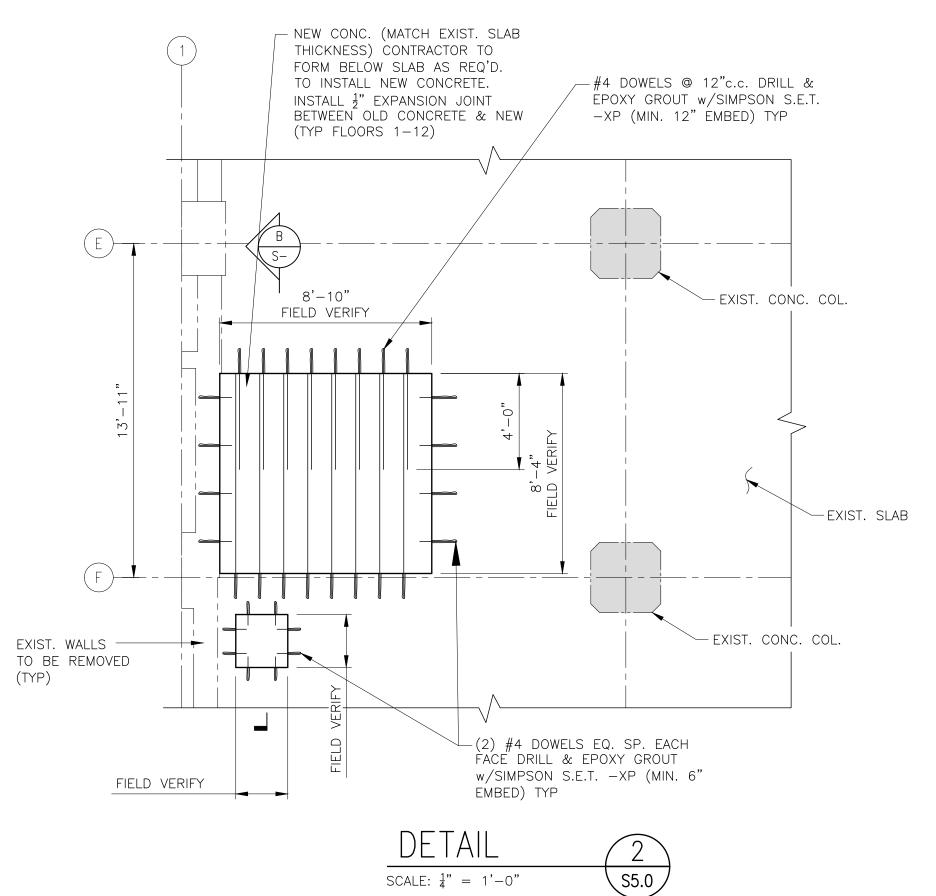
PROJECT NO.: 16 006 DATE: 2-21-2018 DRAWN BY: JM

CHKD. BY: WTS

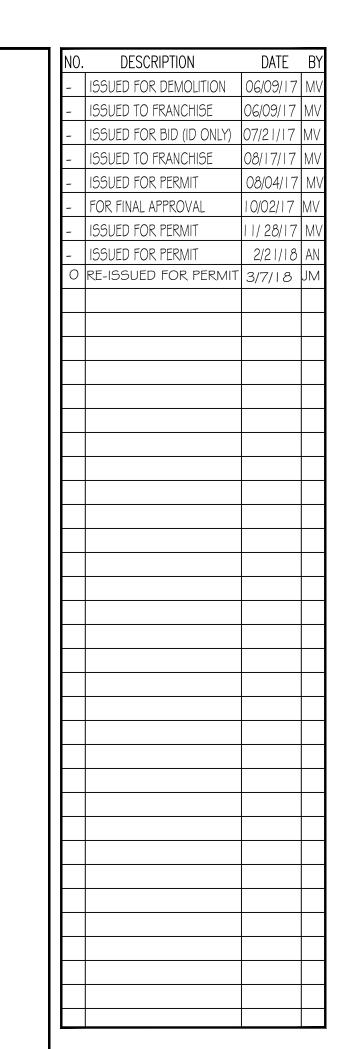
WALL SECTION & PORTE COCHERE

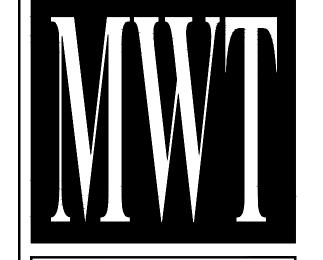
SHEET S4.2



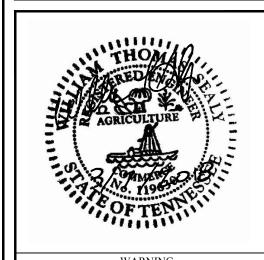


SCALE: $\frac{1}{4}$ " = 1'-0"





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PROJECT NO.: 16 006 DATE: 2-21-2018 DRAWN BY: JM

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REPAIR DETAILS @ HOTEL

SHEET S5.0

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YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

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LOCATED ON ALL ELEVATED FLOORS. CONTRACTOR SHALL

FLOOR AS REQ'D. PRIOR TO BEGINNING ANY PATCHWORK.

ADEQUATELY SHORE THE EXISTING



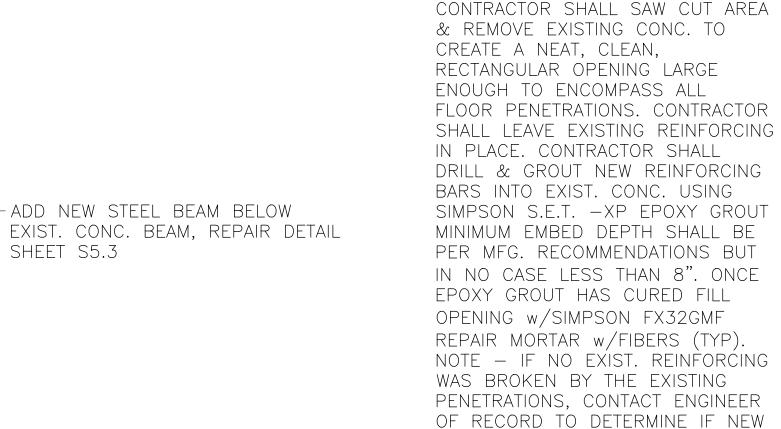
- SPALLING IN CONCRETE CEILINGS - CONTRACTOR SHALL CLEAN HOLES w/WIRE BRUSH TO REMOVE ANY LOOSE SURFACE MATERIAL BLOW w/AIR & FILL HOLE w/SIMPSON STRONG TIE FX-263 RAPID HARDENING OVERHEAD REPAIR MORTAR SIMPSON FX-261S (TYP) WIRE BRUSH RUST FROM EXIPOSED REINFORCING & COAT WITH RUST INHIBITOR. COAT WITH SIMPSON STRONG TIE ZINC RICH PRIMER FX-406.

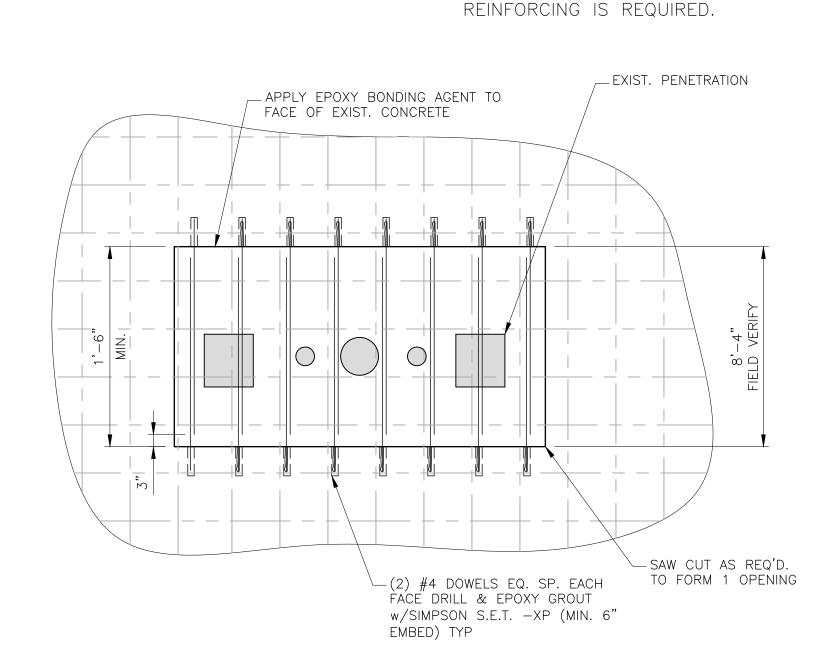
CONTRACTOR SHALL NOTE THAT IF ANY OF THE REPAIR MATERIAL'S MFG'S RECOMMENDATIONS FOR PREPARATION DIFFER FROM THE NOTE ABOVE, THE MFG. RECOMMENDATIONS SHALL BE STRICTLY ADHERED TO.



- FLOOR BEAM DAMAGE DUE TO WATER INFILTRATION. CONTRACTOR SHALL ADEQUATELY SHORE BEAM AS REQ'D PRIOR TO BEGINNING REPAIRS. CONTRACTOR SHALL WIRE BRUSH REINFORCING & CONCRETE TO REMOVE ANY LOOSE SURFACE MATERIAL. CONTRACTOR SHALL CHIP OUT EXISTING CONCRETE AS REQ'D. TO ENSURE PROPER BONDING OF NEW CONCRETE PATCH MATERIAL TO EXISTING. CONCRETE & REINFORCING CONTRACTOR SHALL APPLY EPOXY BONDING AGENT TO EXISTING MATERIAL PRIOR TO PLACING REPAIR MATERIAL. FORM BEAM TO ITS ORIGINAL DIMENSIONS & POUR SIMPSON STRONG TIE REPAIR MORTAR WITH FIBERS FX-32GMF

PRIOR TO PLACING CONCRETE PATCH MATERIAL, CONTRACTOR SHALL REMOVE ALL RUST AND/OR LOOSE MATERIAL OF REINFORCING STEEL. CONTRACTOR SHALL COAT NEWLY EXPOSED, CLEAN REINFORCING STEEL w/A RUST INHIBITOR. CONTRACTOR SHALL VERIFY THAT ALL MATERIALS ARE COMPATIBLE WITH EACH OTHER PRIOR TO CLEANING & INSTALLATION.

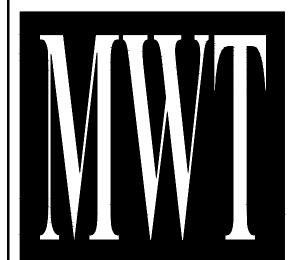




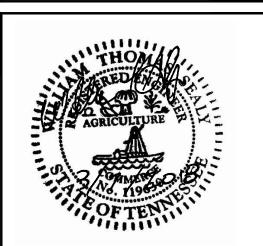
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NO.	DESCRIPTION	DATE	BY
-	ISSUED FOR DEMOLITION	06/09/17	MV
-	ISSUED TO FRANCHISE	06/09/17	MV
-	ISSUED FOR BID (ID ONLY)	07/21/17	MV
-	ISSUED TO FRANCHISE	08/17/17	MV
1	ISSUED FOR PERMIT	08/04/17	MV
-	FOR FINAL APPROVAL	10/02/17	MV
1	ISSUED FOR PERMIT	11/28/17	MV
1	ISSUED FOR PERMIT	2/21/18	AN
0	RE-ISSUED FOR PERMIT	3/7/18	ЈМ



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REPRODUCE THESE DRAWINGS IN ANY WAY

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 2-21-2018

DRAWN BY: JM

CHKD. BY: WTS

REPAIR DETAILS

@ HOTEL FLOORS

SHEET S5.1



COLUMN DAMAGE, CONTRACTOR SHALL WIRE BRUSH REINFORCING & CONCRETE TO REMOVE ANY LOOSE SURFACE MATERIAL. CONTRACTOR SHALL CHIP OUT EXISTING CONCRETE AS REQ'D. TO ENSURE PROPER BONDING OF NEW CONCRETE PATCH MATERIAL TO EXISTING. CONTRACTOR TO APPLY FX-406 OVER EXPOSED WIRE BRUSHED REBAR. CONTRACTOR SHALL APPLY EPOXY BONDING AGENT TO EXISTING MATERIAL PRIOR TO PLACING REPAIR MATERIAL. CONTRACTOR TO APPLY SIMPSON STRONG TIE FX-261S FORM & POUR REPAIR MORTAR TO COLUMNS AS REQ'D. (TYP)

PRIOR TO PLACING CONCRETE PATCH MATERIAL, CONTRACTOR SHALL REMOVE ALL RUST AND/OR LOOSE MATERIAL OF REINFORCING STEEL. CONTRACTOR SHALL COAT NEWLY EXPOSED, CLEAN REINFORCING STEEL W/A RUST INHIBITOR & PAINT WITH SIMPSON STRONG TIE ZINC RICH PRIMER FX-406. CONTRACTOR SHALL VERIFY THAT ALL MATERIALS ARE COMPATIBLE WITH EACH OTHER PRIOR TO CLEANING & INSTALLATION.





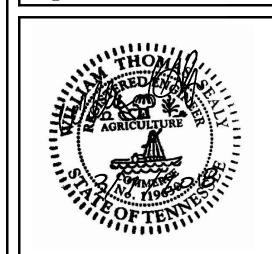




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1	ISSUED FOR PERMIT	2/21/18	AN
0	RE-ISSUED FOR PERMIT	3/7/18	JМ



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 2-21-2018

DRAWN BY: JM CHKD. BY: WTS

REPAIR DETAILS

@ HOTEL COLUMNS

SHEET S5.2

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- ADD NEW STEEL BEAM BELOW EXIST. CONC. BEAM, SEE REPAIR DETAIL THIS SHEET

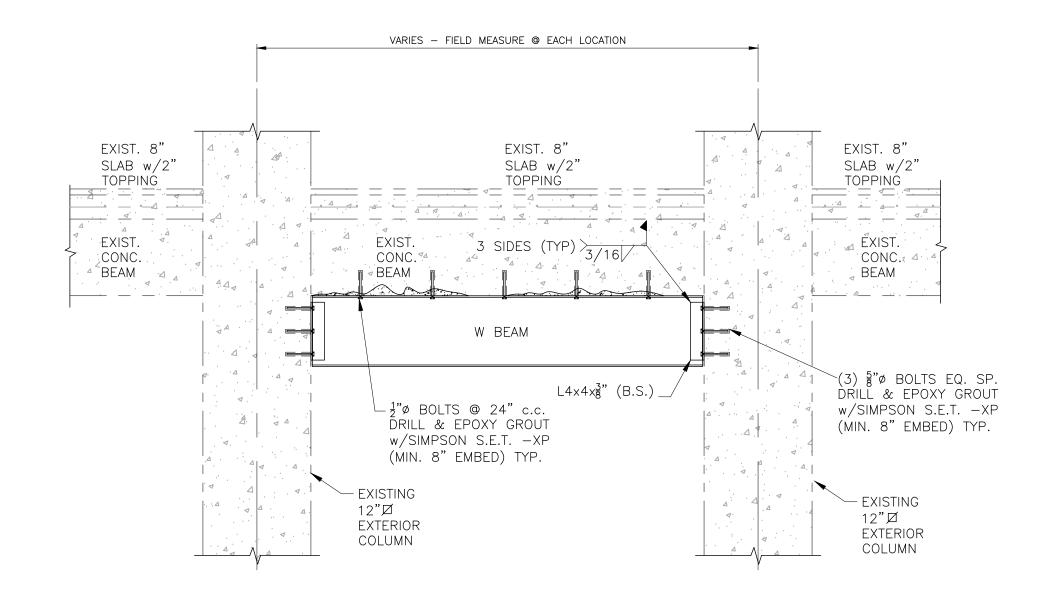


ADD NEW STEEL BEAM BELOW EXIST. CONC. BEAM, SEE REPAIR DETAIL THIS SHEET



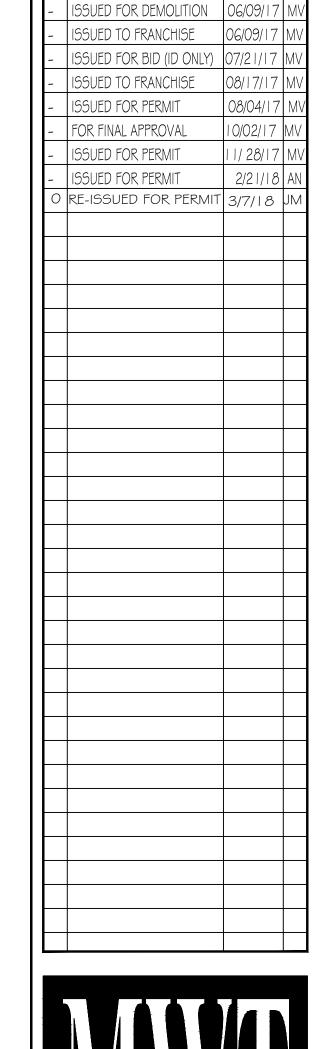
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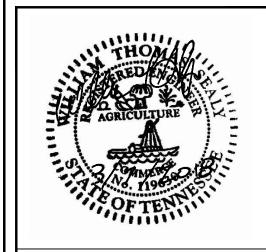
REPAIR DETAIL

SCALE: 3" = 1'-0"





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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006
DATE: 2-21-2018
DRAWN BY: JM

CHKD. BY: WTS

REPAIR DETAILS @ CONCRETE BEAMS @ HOTEL

SHEET S5.3

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