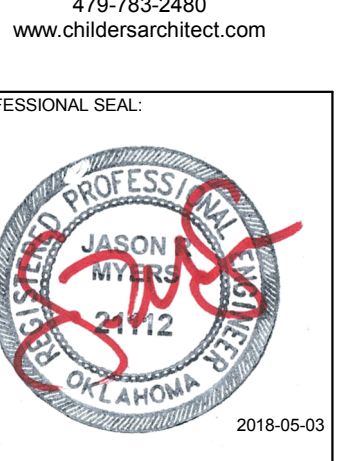


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CHEROKEE NATION ENTERTAINMENT TAHLEQUAH CASINO TAHLEQUAH, OKLAHOMA

PROJECT PHASE BID PACKAGE 02 (100%SET)

Table with columns: #, DATE, DESCRIPTION. Includes revision history for ADDENDUM #05, #07, #08, #09.

DATE: 03/27/18 JOB NUMBER: 17-06 SHEET NUMBER:

S0.1

STRUCTURAL NOTES

GENERAL NOTES

- 1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED... 2. IT IS SOLELY THE CONTRACTORS RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION... 3. ALL DIMENSIONS ON THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS... 4. GOVERNING CODE: 2015 IBC... 5. ALL FRAMING SHALL BE COORDINATED WITH THE MECHANICAL DRAWINGS TO ENSURE ADEQUATE CLEARANCES FOR CHASES, DUCT WORK, PIPING, ETC... 6. DESIGN LOADS: ROOF DEAD LOAD: 15 PSF, ROOF THEMING LOAD: 15 PSF, ROOF LIVE LOAD: 20 PSF, SAFER ROOM: DEAD LOAD: 65 PSF (INCLUDING SLAB WT), LIVE LOAD: 100 PSF... SNOW DESIGN CRITERIA: GROUND SNOW LOAD: 10 PSF, SNOW IMPORTANCE FACTOR: 1.10, FLAT ROOF SNOW LOAD: 11 PSF... WIND DESIGN CRITERIA: RISK CATEGORY: III, FOR RISK CATEGORY I - BASIC WIND SPEED = 105 mph, FOR RISK CATEGORY II - BASIC WIND SPEED = 115 mph, FOR RISK CATEGORY III/IV - BASIC WIND SPEED = 120 mph... EXPOSURE CATEGORY: B, COMPONENT AND CLADDING LOADS PER IBC TABLE 1609.6.2 (1/2)... SEISMIC DESIGN CRITERIA: SITE CLASS: C, SEISMIC RISK CATEGORY: III, SEISMIC IMPORTANCE FACTOR: 1.25, SEISMIC DESIGN CATEGORY: B, Ss = 0.152, Fa = 1.2, SMS = 0.182, SDS = 0.122, S1 = 0.081, Fv = 1.7, SM1 = 0.137, SD1 = 0.091... BASIC SEISMIC-FORCE-RESISTING SYSTEM: STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE ANALYSIS... ANALYSIS METHOD: LATERAL FORCE PROCEDURE, RESPONSE MODIFICATION COEFFICIENT, R = 3.0, SEISMIC RESPONSE COEFFICIENT, Cs = 0.051... BASIC SEISMIC-FORCE-RESISTING SYSTEM FOR PORTE COCHERE: STEEL ORDINARY CATERLEUR COLUMN SYSTEM, ANALYSIS METHOD: LATERAL FORCE PROCEDURE, RESPONSE MODIFICATION COEFFICIENT, R = 1.25, SEISMIC RESPONSE COEFFICIENT, Cs = 0.122

MISCELLANEOUS

- 1. THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS... 2. THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING REQUIREMENTS FROM SUCH DRAWINGS INTO THEIR SHOP DRAWINGS AND WORK... 3. ANY DETAIL TITLED AS A TYPICAL DETAIL IS APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS... 4. NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL-OF-RECORD... 5. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL-OF-RECORD... 6. OPENINGS IN WALLS AND DECK, WHICH ARE 1'-4" AND LESS ON A SIDE, ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS... 7. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED... 8. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES... 9. DO NOT SCALE THESE DRAWINGS. USE SPECIFIED DIMENSIONS... 10. CONTRACTORS CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD... 11. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL-OF-RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL-OF-RECORD'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL-OF-RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL-OF-RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.

SUBMITTAL PROCEDURES

- 1. SHOP DRAWINGS SHALL BE PRODUCED FROM SCRATCH. THE SHOP DRAWINGS SHALL NOT BE PRODUCED FROM DIGITAL COPIES OR SCANS OF THE E.O.R. DRAWINGS. IF THE E.O.R. DRAWINGS ARE DIGITALLY REPRODUCED AND USED IN SUBMITTED SHOP DRAWINGS, THE SHOP DRAWINGS SHALL BE REJECTED IN WHOLE... 2. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION ACTIVITIES TO AVOID UNNECESSARY DELAY. THE STRUCTURAL ENGINEER FOR THIS PROJECT MAY WITHHOLD ACTION ON A SUBMITTAL REQUIRING COORDINATION WITH OTHER SUBMITTALS UNTIL ALL RELATED SUBMITTALS ARE RECEIVED... 3. SHOP DRAWINGS SHALL BE SUBMITTED IN AN UNLOCKED PDF ELECTRONIC FORMAT. LOCKED PDF FILES WILL NOT BE ACCEPTED. THE SHOP DRAWINGS WILL BE REVIEWED, MARKED UP, AND RETURNED IN PDF ELECTRONIC FORMAT.

ABBREVIATIONS

Table with columns: A.B., AFF, ARCH., B.O.D., B.O.S., BFF, BLDG., BOT., C.I., CL.R., CMU, CONC., CONC., CONT., DB, D.B.A., DIA., E.E., E.F., E.W., ELEV., FFE, FND., FTG., G.B., GA., GALV., HORIZ., HSA, IMP, ICP, INSUL., INT., JB, KSI, LGST, LL, LLH, LLV, LON., LW, MANUF., MAX., MIN., MISC., NW, O.C., O.H.D., OH, PEMB, PCF, PCI, PLF, PSF, PSI, QTY., RE, REINFC., REQ'D, S.C., SCHED., SIM, STD., T&B, TF, TGB, TP, TPC, T.O.S., TW, TY, U.N.O., V., VERT.

STRUCTURAL STEEL

- 1. STEEL SHALL CONFORM TO THE FOLLOWING GRADES: ALL CHANNELS, ANGLES, PLATES, ETC. (UNLESS NOTED OTHERWISE) A36, ALL WIDE FLANGES (UNLESS NOTED OTHERWISE) A992 (FY=50 KSI), STRUCTURAL TUBE A500, GRADE B (FY=46 KSI), STEEL PIPE A53 (FY=35 KSI), ANCHOR RODS F1554, GRADE 55, BOLTS A325-N (UNLESS NOTED OTHERWISE) E70XX, WELD ELECTRODES E70XX... 2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (LATEST EDITION), EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS... 3. THE STEEL STRUCTURE IS A NON-SUPPORTING STEEL FRAME AND IS DEPENDENT UPON DIAPHRAGM ACTION OF THE ROOF DECK, FLOOR SLABS AND ATTACHMENT TO THE WALL SYSTEM FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES... 4. ELEMENTS ARE COMPLETE AND ARE CAPABLE OF PROVIDING THIS SUPPORT... 5. WHEREAS A325 BOLTS OF ANY DIAMETER OR ARE EQUAL TO OR LESS THAN 1 INCH IN DIAMETER ARE TO BE INSTALLED AND TIGHTENED IN AN OVERSIZE OR SHORT SLOTTED HOLE IN AN OUTER PLY, A HARDENED WASHER CONFORMING TO ASTM F436 SHALL BE USED... 6. ALL STRUCTURAL STEEL SHALL BE PAINTED WITH RED OR GRAY PRIMER. DO NOT PAINT TOP OF BEAMS WHERE HEADED STUD ANCHORS ARE TO BE ATTACHED... 7. AFTER ANCHOR RODS HAVE BEEN SET, AND BEFORE CONCRETE IS PLACED, IT IS STRONGLY SUGGESTED THAT THE CONTRACTOR ENGAGE A SURVEYOR TO VERIFY THE PROPER LOCATION AND ELEVATION OF THE ANCHOR RODS.

Table with columns: ANCHOR ROD Ø, MAX. HOLE SIZE IN BASE PL, WASHER SIZE, MIN. WASHER THICK, MAX HOLE SIZE IN WASHER. Lists sizes for 1/2", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/2" anchor rods.

METAL DECK

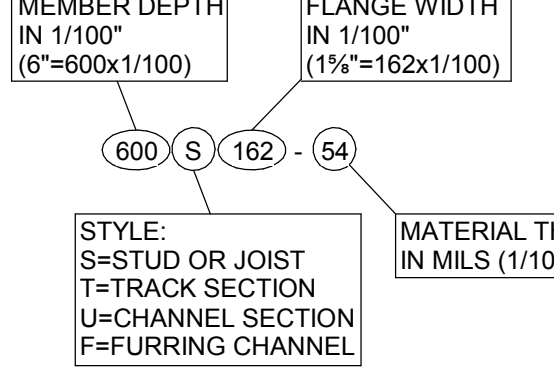
- 1. METAL DECK SHALL COMPLY WITH THE REQUIREMENTS OF THE STEEL DECK INSTITUTE "SPECIFICATIONS AND COMMENTARY FOR STEEL DECK" (LATEST EDITION)... 2. ALL METAL DECK SHALL BE OF CONFIGURATION, DEPTH, AND MINIMUM GA., AS SPECIFIED ON THE DRAWINGS... 3. DO NOT HANG OR SUPPORT ANY LOADS FROM METAL DECK... 4. ALL METAL DECK SHEETS SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS... 5. ALL NON-COMPOSITE METAL DECK SHEET ENDS SHALL BE LAPPED WITH A MINIMUM OF 2" BUTTED ENDS AT, OR INTERRUPTED BY, STRUCTURAL STEEL BEAMS, OR CONCRETE WALLS SHALL BE ATTACHED THERETO. THE JOIST MANUFACTURER MUST COORDINATE BRIDGING LOCATIONS TO AVOID INTERFERENCE WITH ALL MECHANICAL, ELECTRICAL, AND FIRE PROTECTION EQUIPMENT.

STEEL JOISTS AND JOIST GIRDERS

- 1. ALL STEEL JOISTS AND JOIST GIRDERS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE SJI STANDARD SPECIFICATIONS FOR STEEL JOISTS AND JOIST GIRDERS (LATEST EDITION)... 2. ALL STEEL JOISTS AND JOIST GIRDERS SHALL BE DESIGNED BY THE JOIST MANUFACTURER... 3. EXCEPT WHERE ADDITIONAL AND/OR SPECIFIC DESIGN LOADS ARE SPECIFIED ON THE STRUCTURAL DRAWINGS, STEEL JOISTS SHALL BE DESIGNED AS SIMPLY SUPPORTED... 4. EXCEPT WHERE ADDITIONAL AND/OR SPECIFIC DESIGN LOADS ARE SPECIFIED ON THE STRUCTURAL DRAWINGS, STEEL JOIST GIRDERS SHALL BE DESIGNED AS SIMPLY SUPPORTED PRIMARY MEMBERS... 5. ALL FLOOR JOISTS AND JOIST GIRDERS, UNLESS NOTED OTHERWISE, SHALL BE DESIGNED TO SUPPORT THE LIVE DESIGN LOAD WITHOUT EXCEEDING A DEFLECTION OF L/80... 6. ALL ROOF JOISTS AND JOIST GIRDERS, UNLESS NOTED OTHERWISE, SHALL BE DESIGNED TO SUPPORT THE LIVE (OR SNOW) DESIGN LOAD WITHOUT EXCEEDING A DEFLECTION OF L/240... 7. STEEL JOIST BRIDGING SHOWN ON THE DRAWINGS IS FOR ILLUSTRATIVE PURPOSES ONLY... 8. THE JOIST MANUFACTURER SHALL DESIGN ALL ROOF JOISTS AND JOIST GIRDERS... 9. ALL JOIST GIRDERS SHALL BE PROPORTIONED SUCH THAT THEY CAN BE ERECTED WITHOUT BRIDGING... 10. UNLESS NOTED OTHERWISE, K-SERIES JOISTS SHALL BE ATTACHED TO SUPPORTING STEEL MEMBERS... 11. UNLESS NOTED OTHERWISE, LH-SERIES JOISTS AND JOIST GIRDERS SHALL BE ATTACHED TO SUPPORTING STEEL MEMBERS... 12. STEEL JOIST AT COLUMN CENTERLINES SHALL BE BOLTED TO THE SUPPORTING STEEL MEMBER... 13. STEEL JOISTS AT COLUMN CENTER LINES SHALL BE PROVIDED WITH 6" SQ. X 1/2" KNIFE PLATE AT THE BOTTOM CHORD... 14. STEEL JOIST GIRDERS AT COLUMN CENTERLINES SHALL BE BOLTED TO THE STRUCTURAL STEEL COLUMN WITH (2)-3/4" BOLTS... 15. HOLES IN STEEL JOIST CHORDS WILL NOT BE PERMITTED... 16. ALL ITEMS SUCH AS MECHANICAL, EQUIPMENT, DUCT WORK, PIPES, CEILING SUPPORTS, FIXTURES, DISPLAYS, ETC., WHICH ARE TO BE SUPPORTED BY, OR HUNG FROM, STEEL JOISTS OR JOIST GIRDERS SHALL BE FRAMED WITH AUXILIARY FRAMING... 17. ADDITIONAL DESIGN LOADS FROM ARCHITECTURAL FEATURES, ROOF TOP EQUIPMENT, OR ANY OTHER CONCENTRATED LOADS SHOWN ON THE DRAWINGS... 18. NO LOADS SHALL BE PLACED ON ANY JOIST GIRDER UNTIL THE STEEL JOISTS BEARING ON THE GIRDER ARE IN PLACE... 19. ALL DAMAGED JOISTS AND JOIST GIRDERS SHALL BE REPAIRED OR REPLACED... 20. JOIST SEATS TO HAVE A MINIMUM PLATE THICKNESS OF 3/16"... 21. ALL NECESSARY JOIST TOP CHORD EXTENSIONS SHALL BE "R" TYPE... 22. ALL JOIST & JOIST GIRDERS SHALL BE PAINTED WITH RED OR GRAY PRIMER.

LIGHT-GAUGE STRUCTURAL STEEL FRAMING

- 1. TYPICAL LIGHT-GAUGE IDENTIFICATION LEGEND:



- 2. LIGHT-GAUGE MATERIALS SHALL CONFORM TO THE FOLLOWING:

- A. ZINC-COATED STEEL SHEET MATERIAL: a. ALL STEEL SHEET MATERIAL, FOR STUDS AND JOISTS, OF 12, 14 AND 16 GAUGE SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF ASTM A653 SS, GRADE 50, CLASS 1 OR 3 WITH A MINIMUM YIELD OF 50,000 PSI... b. ALL STEEL SHEET MATERIAL, FOR STUDS AND JOISTS, OF 18 GAUGE AND LIGHTER, AND ALL STEEL SHEET MATERIAL FOR TRACK, BRIDGING, END CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A653 SS, GRADE 33 WITH A MINIMUM YIELD OF 33,000 PSI... c. ALL STEEL SHEET MATERIAL FOR STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A ZINC COATING MEETING THE REQUIREMENTS OF ASTM A525... B. SECTION PROPERTIES: THE PHYSICAL AND STRUCTURAL PROPERTIES LISTED BY THE STEEL STUD MANUFACTURER ASSOCIATION AND AISI DESIGN MANUAL SHALL BE CONSIDERED THE MINIMUM PERMITTED FOR ALL FRAMING MEMBERS... C. SUBSTITUTIONS: ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING... 3. DO NOT WELD 33 MIL AND LIGHTER RECORD, U.N.O... 4. IN METAL STUD WALLS, HORIZONTAL BRIDGING SHALL BE PLACED AT 4'-0" O.C. OR AS PER THE MANUFACTURERS RECOMMENDATION IF LESS THAN 4'-0" O.C... 5. ALL AXIALLY LOADED STUDS SHALL HAVE FULL FLANGE BEARING AGAINST UPPER AND LOWER TRACK WEBS. SPLICES IN AXIALLY STUDS ARE NOT PERMITTED... 6. EXTERIOR METAL STUDS TO BE 800S162-54 @ 16" O.C. W/ 800T125-54 TRACKS, U.N.O.

CONCRETE MATERIAL

- 1. ALL CONCRETE SHALL BE NORMAL WEIGHT (DENSITY=145 PCF) AND SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH THE FOLLOWING, U.N.O.: ALL FOUNDATIONS 3000 PSI, FOUNDATION WALLS 3000 PSI, DRILLED PIERS 4000 PSI, INTERIOR SLABS 3000 PSI, SLAB ON MTL. DECK 3000 PSI, TILT WALL PANELS 4000 PSI, EXTERIOR STRUCTURAL SLABS 4500 PSI, ALL OTHER CONCRETE (U.N.O.) 3000 PSI, CURBS & SIDEWALKS SEE CIVIL

WATER-TO-CEMENT PLUS POZZOLANIC MATERIALS RATIO SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

Table with columns: F'c (psi), NON-AIR ENTRAINED, AIR ENTRAINED. Values for 4,500, 3,000 psi concrete.

- 2. ALL FOUNDATION CONCRETE SHALL BE 4-6% AIR ENTRAINED... 3. THE SLUMP OF ALL CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED... 4. THE COARSE AGGREGATE SIZE SHALL BE #57 OR LARGER... 5. THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW A MINIMUM OF ONE WEEK PRIOR TO PLACEMENT OF ANY CONCRETE... 6. FLY ASH TO BE LIMITED TO 25% OF TOTAL CEMENTITIOUS MATERIAL BY WEIGHT.

CONCRETE REINFORCING STEEL

- 1. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE... 2. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185... 3. ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL... 4. ALL REINFORCING SHALL BE SUPPORTED IN FORMS... 5. UNIFORMED SURFACE IN CONTACT WITH THE GROUND FORMED SURFACES EXPOSED TO EARTH OR WEATHER: #6 BARS AND LARGER 3 IN., #5 BARS AND SMALLER 2 IN., BEAMS, GIRDERS AND COLUMNS 1 1/2 IN., SLABS, WALLS AND JOISTS: #14 AND #18 SMALLER 1/4 IN., #14 AND #18 BARS 1 1/2 IN... 6. ALL BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC., WHICH ARE BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" CONCRETE... 7. PROVIDE CORNER BARS AT ALL CORNERS AND INTERSECTIONS OF CONCRETE WALLS... 8. ALL LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE.

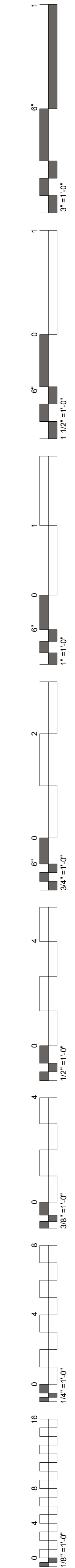
Table with columns: BAR SIZE, TENSION SPLICE (IN.) CLASS A, CLASS B, OTHER BARS CLASS A, CLASS B, COMPRESSION SPLICES (IN.). Lists values for bar sizes #3 through #11.

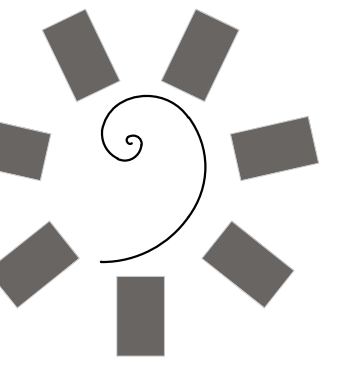
FOUNDATION, SLAB-ON-GRADE - GENERAL

- 1. FOUNDATION DESIGN IS BASED ON THE INFORMATION & RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT... 2. PIERS ARE DESIGNED FOR A NET ALLOWABLE END BEARING PRESSURE OF 100 KSF IN THE LIMESTONE MATERIAL... 3. DRILLED PIERS MUST EXTEND THROUGH THE RESIDUAL SOILS AND SOCKETED AT LEAST 3 FEET INTO THE LIMESTONE MATERIAL... 4. ALL BEARING MATERIAL SHALL BE INSPECTED BY THE INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT... 5. FOOTINGS MAY BE POURED INTO AN EARTHEN FORMED TRENCH IF SOIL CONDITIONS PERMIT... 6. FOUNDATION WALLS THAT RETAIN EARTH SHALL BE BRACED AGAINST BACK FILLING PRESSURES UNTIL FLOOR SLABS AT TOP AND BOTTOM ARE IN PLACE... 7. WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL... 8. VERIFY THE USE AND EXTENT OF PERIMETER INSULATION WITH ARCHITECTURAL DRAWINGS PRIOR TO THE INSTALLATION OF FOUNDATIONS... 9. UNDER-SLAB DRAINAGE FILL TO BE A MINIMUM 4-INCH COMPACTED LAYER OF WASHED ASTM No. 57 STONE... 10. NO BUILDING FOUNDATIONS, INCLUDING GRADE BEAMS, ARE TO BE PENETRATED WITH CONDUITS, PIPES, ETC. UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL PLANS OR EXPRESS CONSENT IS GIVEN BY THE E.O.R.

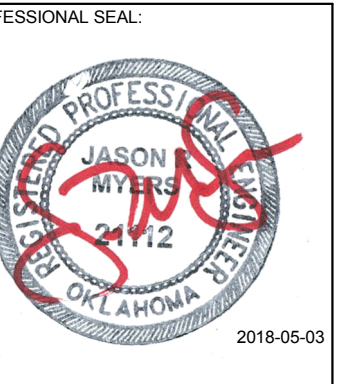
POST-INSTALLED ANCHORS

- 1. ANCHOR CAPACITY USED IN DESIGN SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY HILTI OR SUCH OTHER METHOD AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD... 2. INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS... 3. OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROFI SYSTEM... 4. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS... 5. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE... 6. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS... 7. MECHANICAL ANCHORS FOR USE IN CONCRETE TO BE HILTI KWIK BOLT-TZ EXPANSION ANCHORS PER ICC ESR-1917... 8. MECHANICAL ANCHORS FOR USE IN GROUTED MASONRY TO BE HILTI KWIK BOLT 3 EXPANSION ANCHORS PER ICC ESR-1385.





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**CHEROKEE NATION ENTERTAINMENT
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TAHLEQUAH, OKLAHOMA

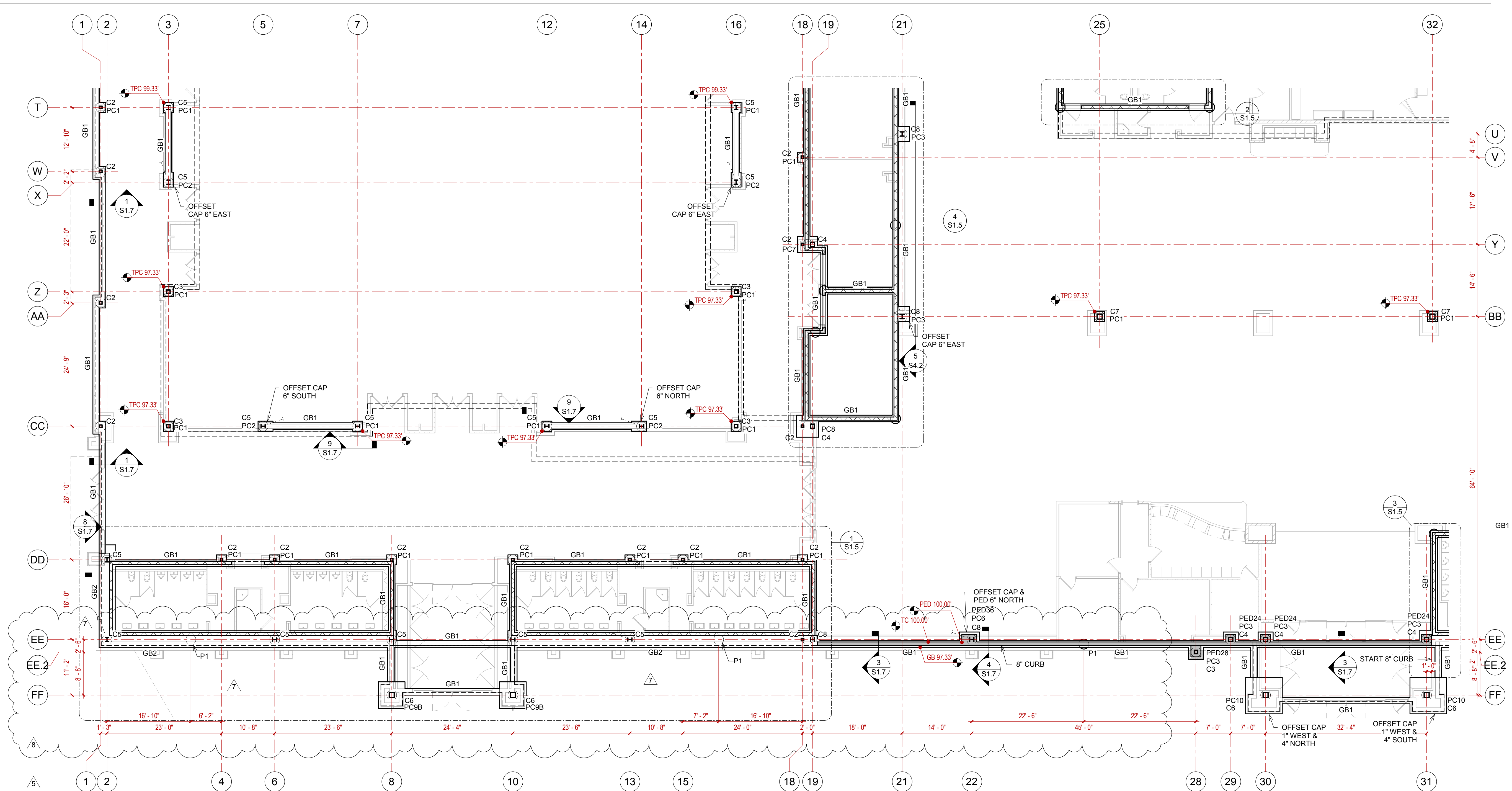
PROJECT PHASE:
**BID PACKAGE 02
(100%SET)**

#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
5	04/27/18	ADDENDUM #05
7	05/08/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

DATE: **03/27/18** JOB NUMBER: **17-06**

SHEET NUMBER:
S1.3

**FOUNDATION PLAN
AREA B**



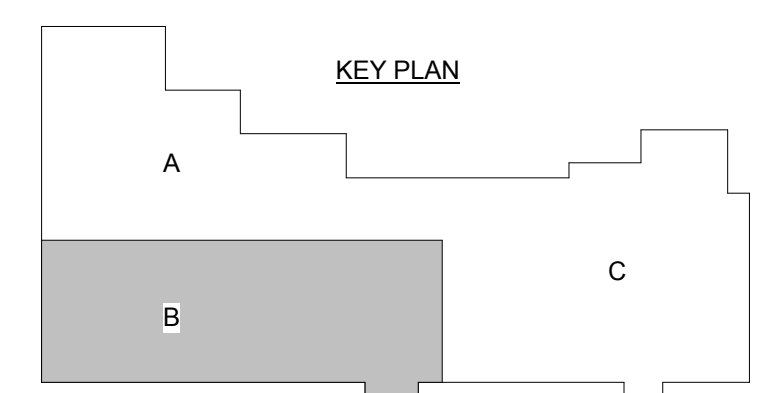
GRADE BEAM SCHEDULE		
FTG MARK	WIDTH	THICKNESS
GB1	1' - 4"	2' - 0"
GB2	3' - 4"	2' - 0"

CONCRETE PEDESTAL SCHEDULE		
PED MARK	LENGTH	WIDTH
PED24	2' - 0"	2' - 0"
PED28	2' - 4"	2' - 0"
PED36	3' - 0"	2' - 0"

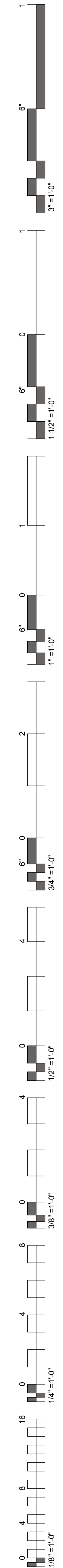
PIER CAP SCHEDULE			
CAP MARK	LENGTH	WIDTH	HEIGHT
PC1	2' - 0"	2' - 0"	2' - 0"
PC2	3' - 0"	2' - 0"	2' - 0"
PC3	3' - 0"	3' - 0"	2' - 0"
PC4	3' - 2"	3' - 2"	4' - 0"
PC5	4' - 0"	2' - 0"	2' - 0"
PC6	4' - 0"	3' - 0"	2' - 0"
PC7	4' - 0"	3' - 3"	2' - 0"
PC8	4' - 5"	4' - 5"	2' - 0"
PC9A	5' - 4"	5' - 4"	2' - 0"
PC9B	5' - 4"	5' - 4"	4' - 0"
PC10	7' - 4"	7' - 4"	4' - 0"

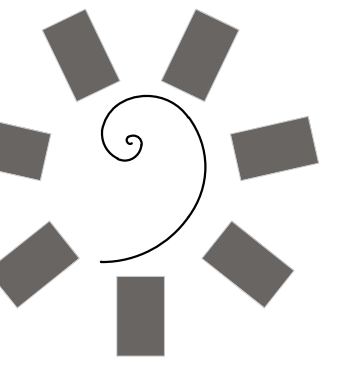
STRUCTURAL STEEL COLUMN SCHEDULE	
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

- CX - COLUMN NUMBER
- PEDX - PEDESTAL NUMBER
- PCX - PIER CAP NUMBER
- GBX - GRADE BEAM NUMBER
- PX - PIER NUMBER
- TPC - TOP OF PIER CAP
- TC - TOP OF CURB

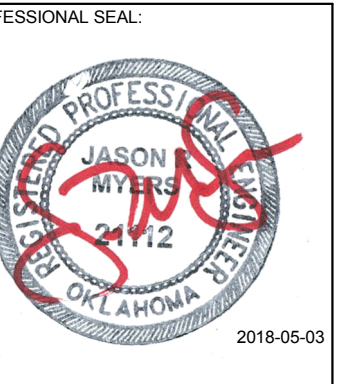


1 FOUNDATION PLAN - AREA B
3/32" = 1'-0"





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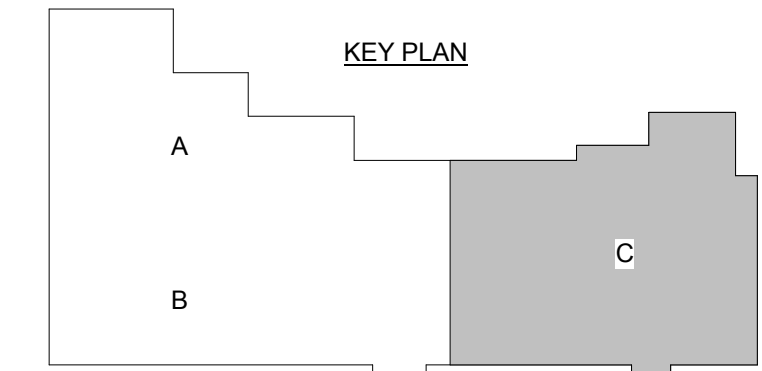
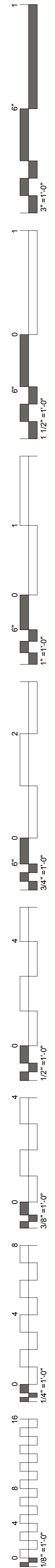
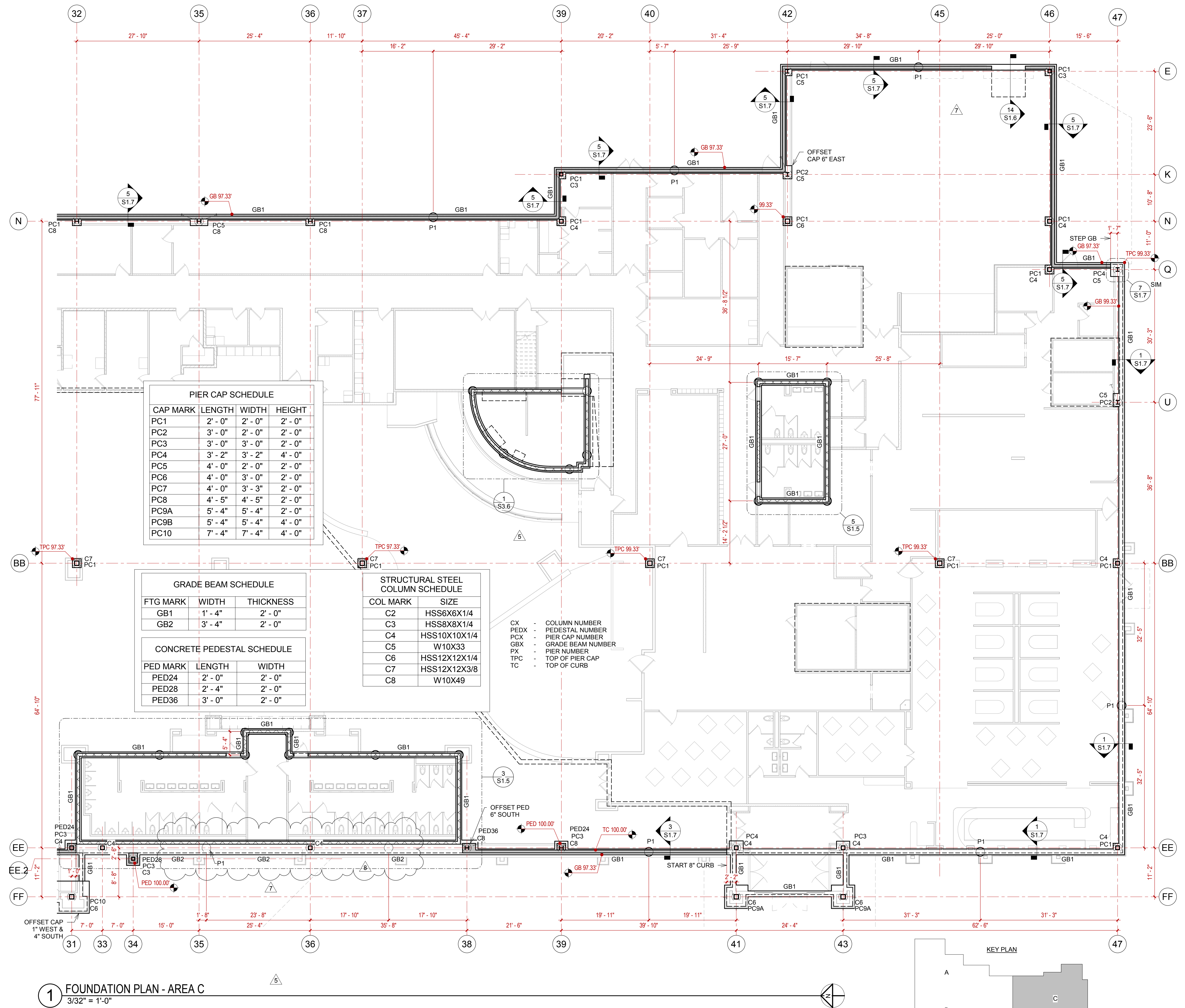
PROJECT PHASE:
**BID PACKAGE 02
(100%SET)**

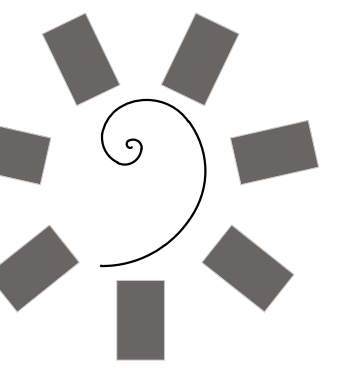
#	DATE	DESCRIPTION
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5	04/27/18	ADDENDUM #05
7	05/08/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

DATE: 03/27/18
JOB NUMBER: 17-06

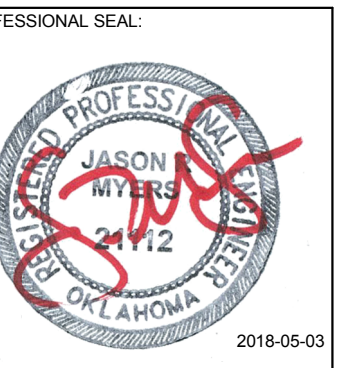
SHEET NUMBER:
S1.4

FOUNDATION PLAN
AREA C





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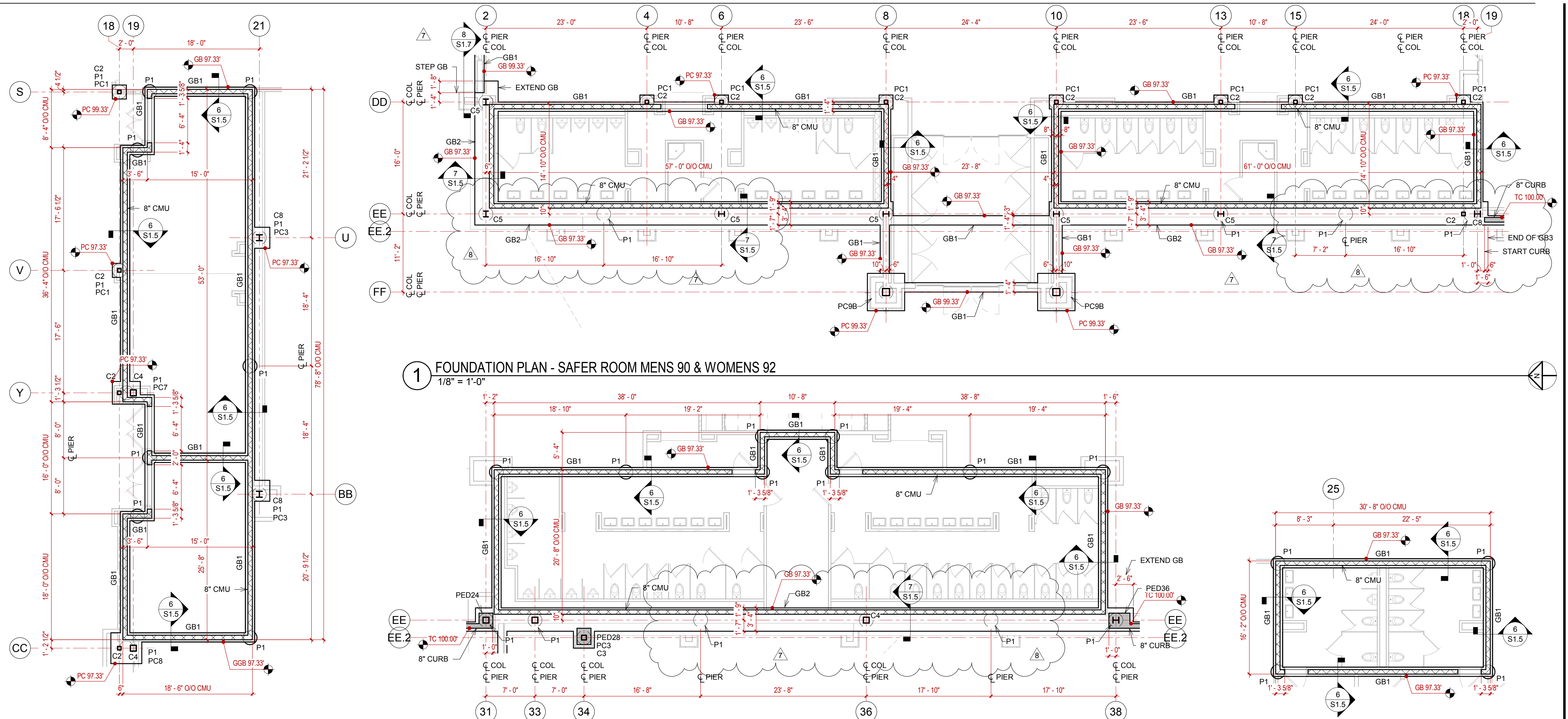
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 02
(100%SET)

#	DATE	DESCRIPTION
5	04/27/18	ADDENDUM #05
7	05/08/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

DATE: 04/05/18
JOB NUMBER: 17-06
SHEET NUMBER:

S1.5
SAFER ROOM FOUNDATION PLANS



STRUCTURAL STEEL COLUMN SCHEDULE

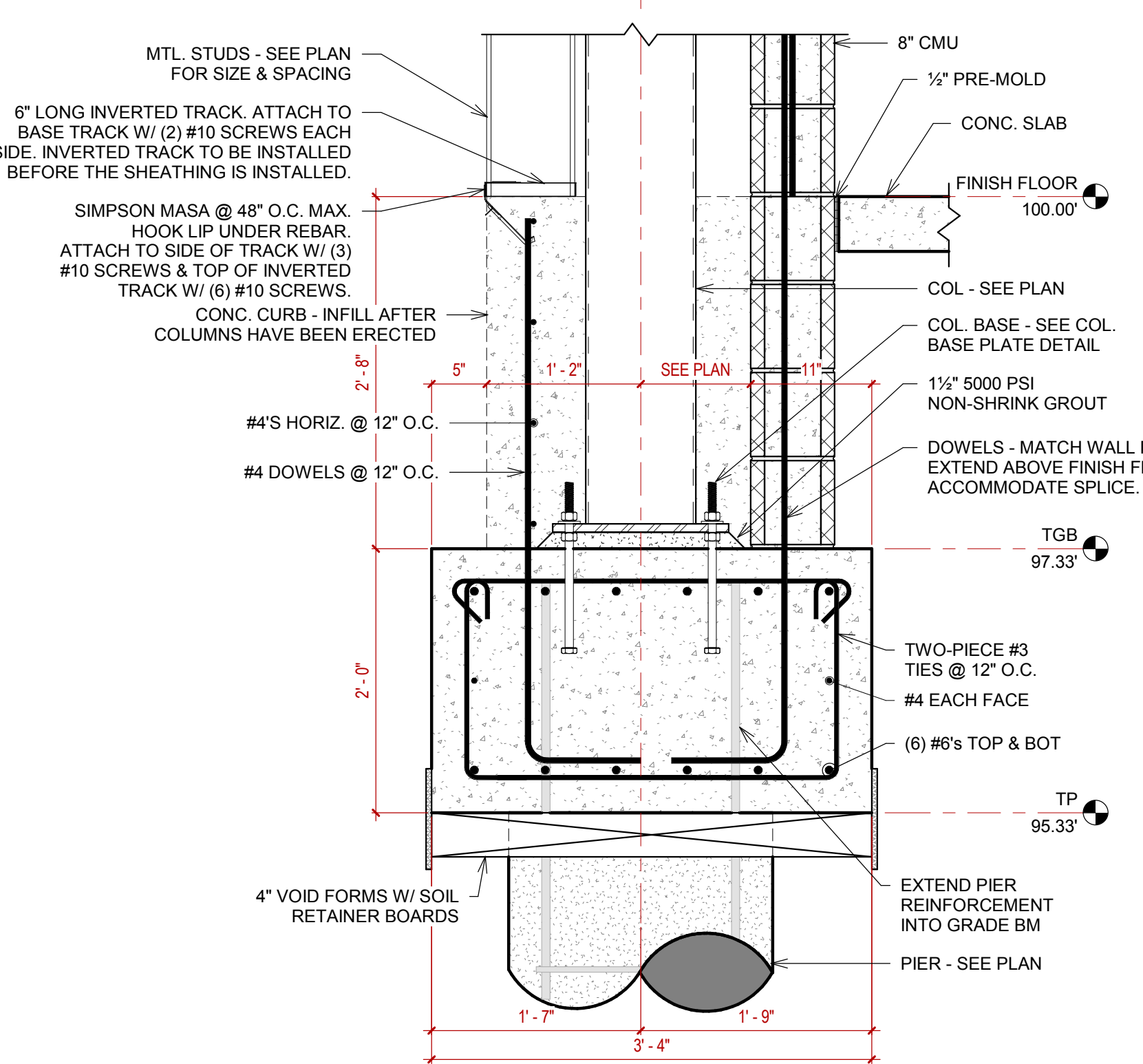
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

PIER CAP SCHEDULE

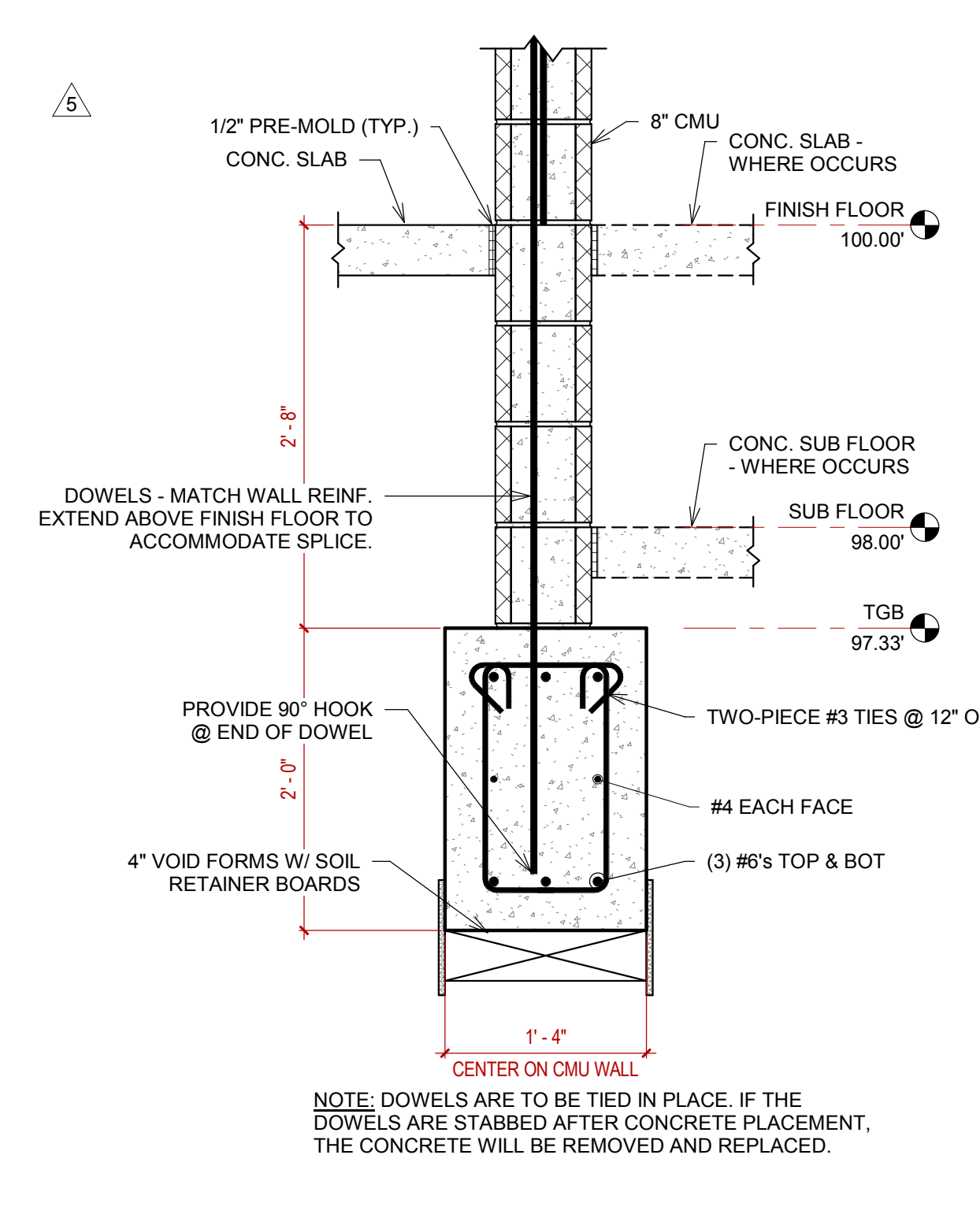
CAP MARK	LENGTH	WIDTH	HEIGHT
PC1	2'-0"	2'-0"	2'-0"
PC2	3'-0"	2'-0"	2'-0"
PC3	3'-0"	3'-0"	2'-0"
PC4	3'-2"	3'-2"	4'-0"
PC5	4'-0"	2'-0"	2'-0"
PC6	4'-0"	3'-0"	2'-0"
PC7	4'-0"	3'-3"	2'-0"
PC8	4'-5"	4'-5"	2'-0"
PC9A	5'-4"	5'-4"	2'-0"
PC9B	5'-4"	5'-4"	4'-0"
PC10	7'-4"	7'-4"	4'-0"

GRADE BEAM SCHEDULE

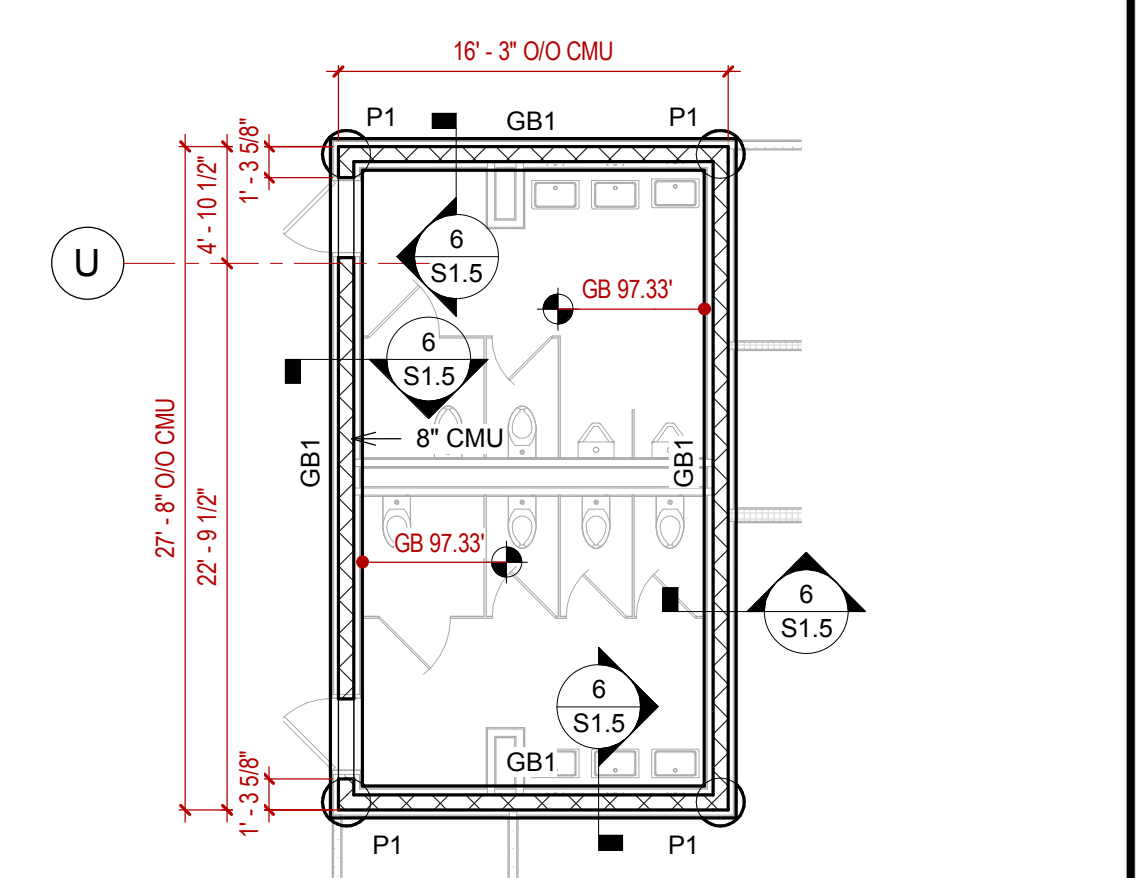
FTG MARK	WIDTH	THICKNESS
GB1	1'-4"	2'-0"
GB2	3'-4"	2'-0"



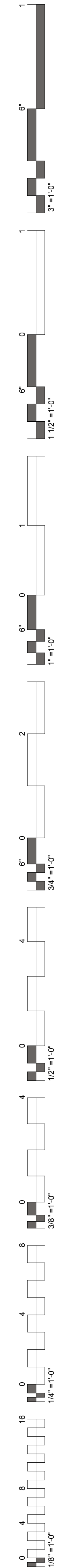
4 40X24 GRADE BM W/ CMU
1" = 1'-0"

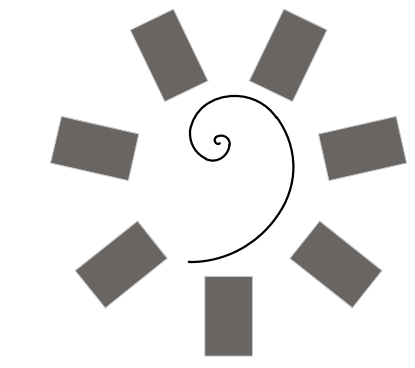
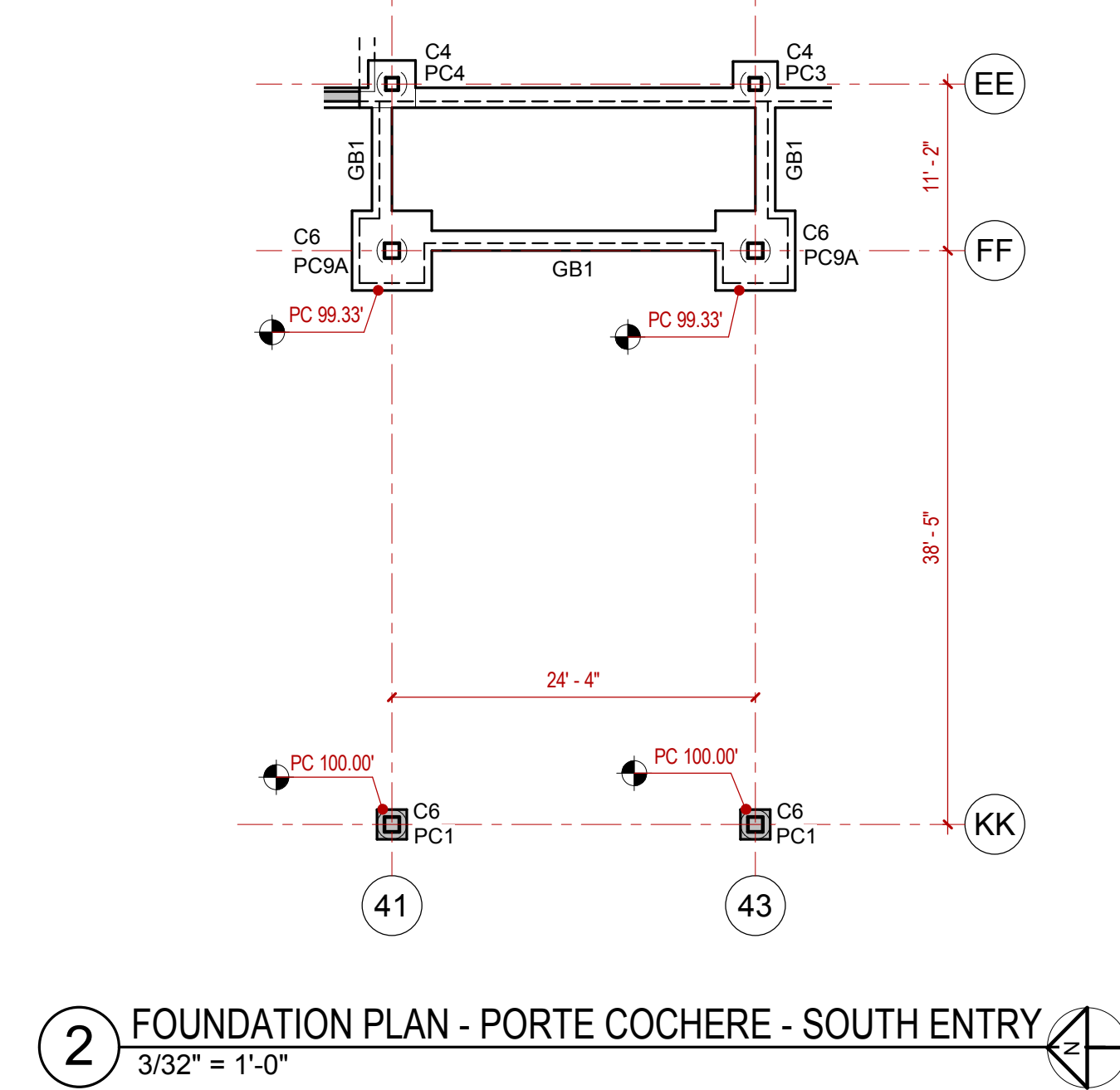
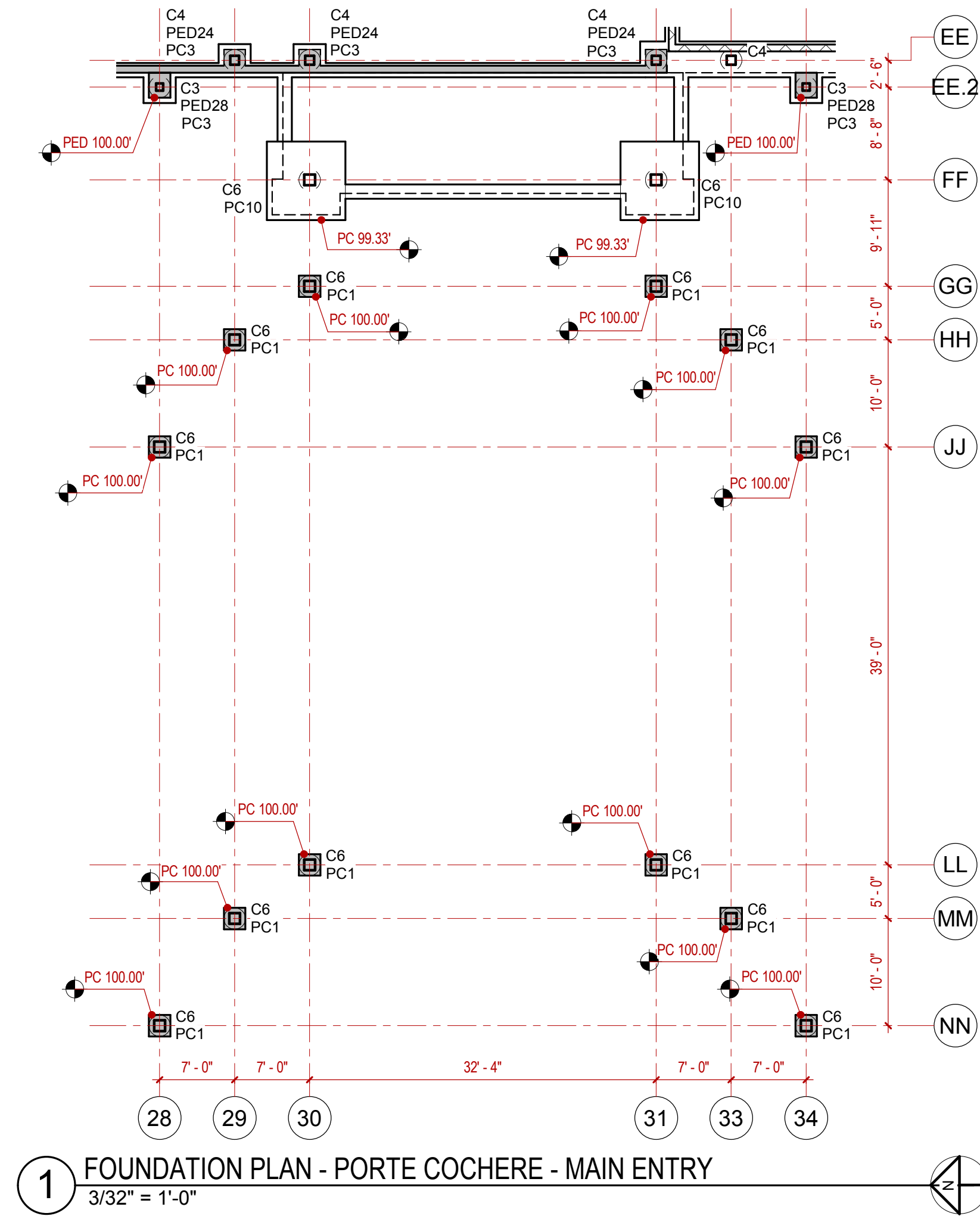
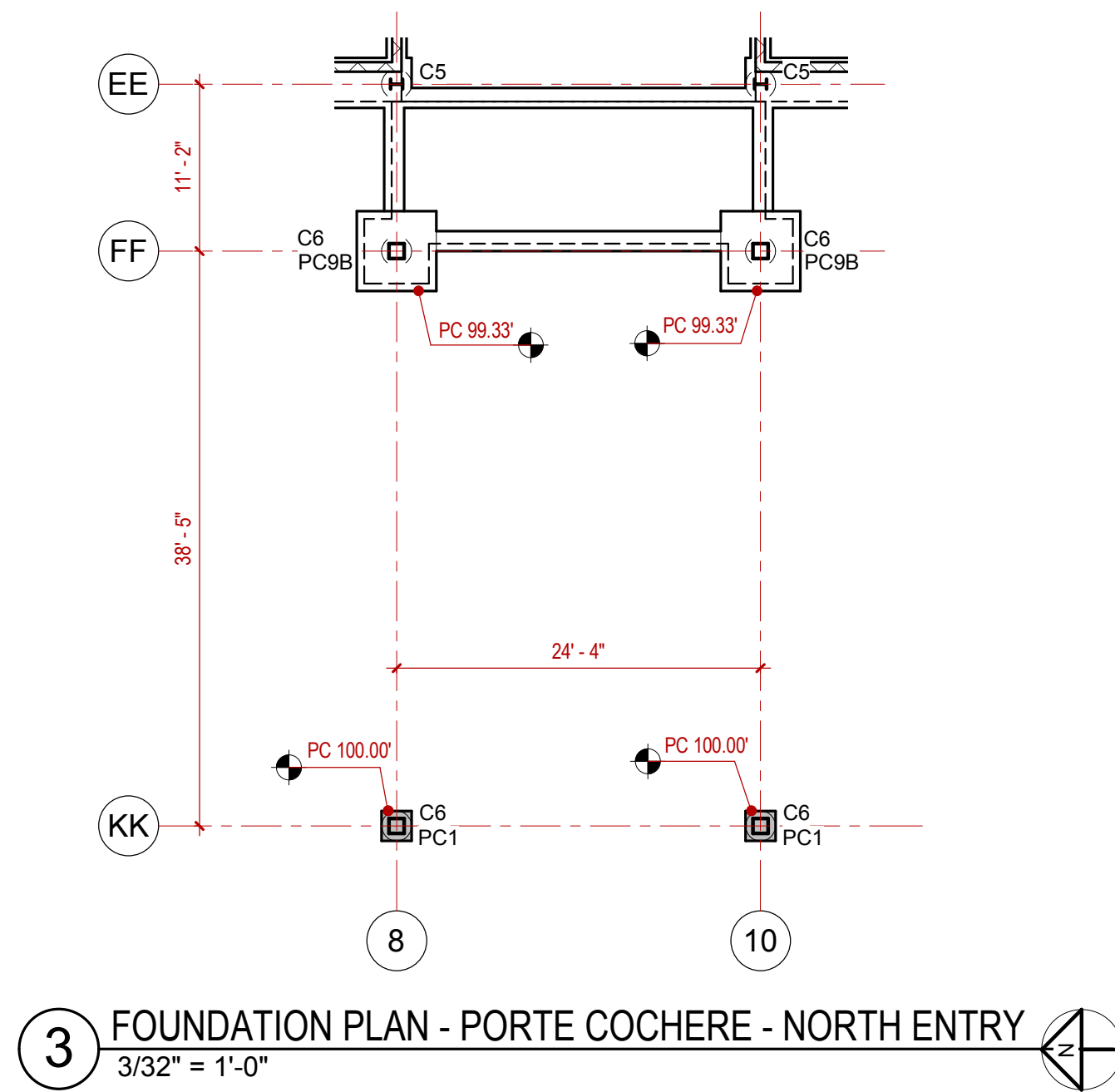
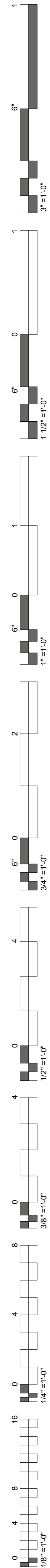


6 INTERIOR CMU WALL FTG.
1" = 1'-0"

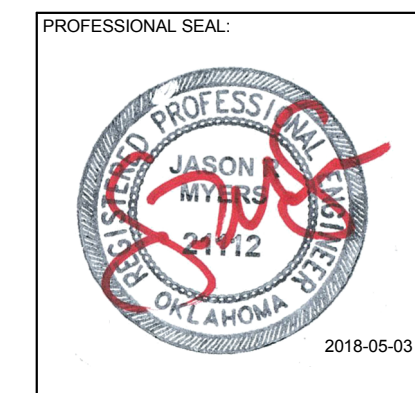


5 FOUNDATION PLAN - SAFER ROOM - M 73 & W 74
1/8" = 1'-0"





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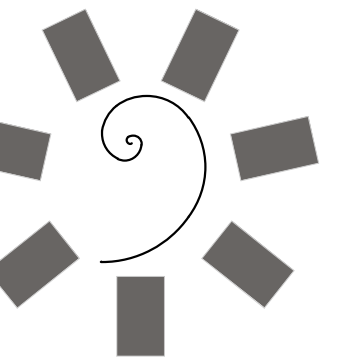


**CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO**
TAHLEQUAH, OKLAHOMA

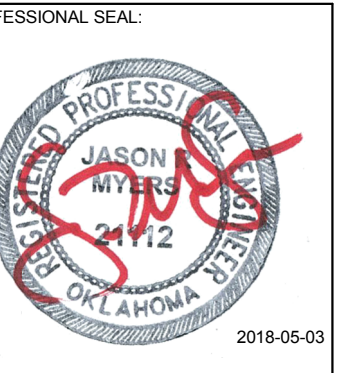
PROJECT PHASE:
BID PACKAGE 5

REVISIONS		
#	DATE	DESCRIPTION
7	05/08/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

DATE: 05/03/18 JOB NUMBER: 17-06
SHEET NUMBER: 8 / **S1.8**
PORTE COCHERE
FOUNDATION PLANS



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CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 02
(100%SET)

#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
2	04/27/18	ADDENDUM #02
3	05/08/18	ADDENDUM #03
4	05/11/18	ADDENDUM #04
5	05/11/18	ADDENDUM #05
6	05/11/18	ADDENDUM #06
7	05/11/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

DATE: 03/27/18
JOB NUMBER: 17-06
SHEET NUMBER:

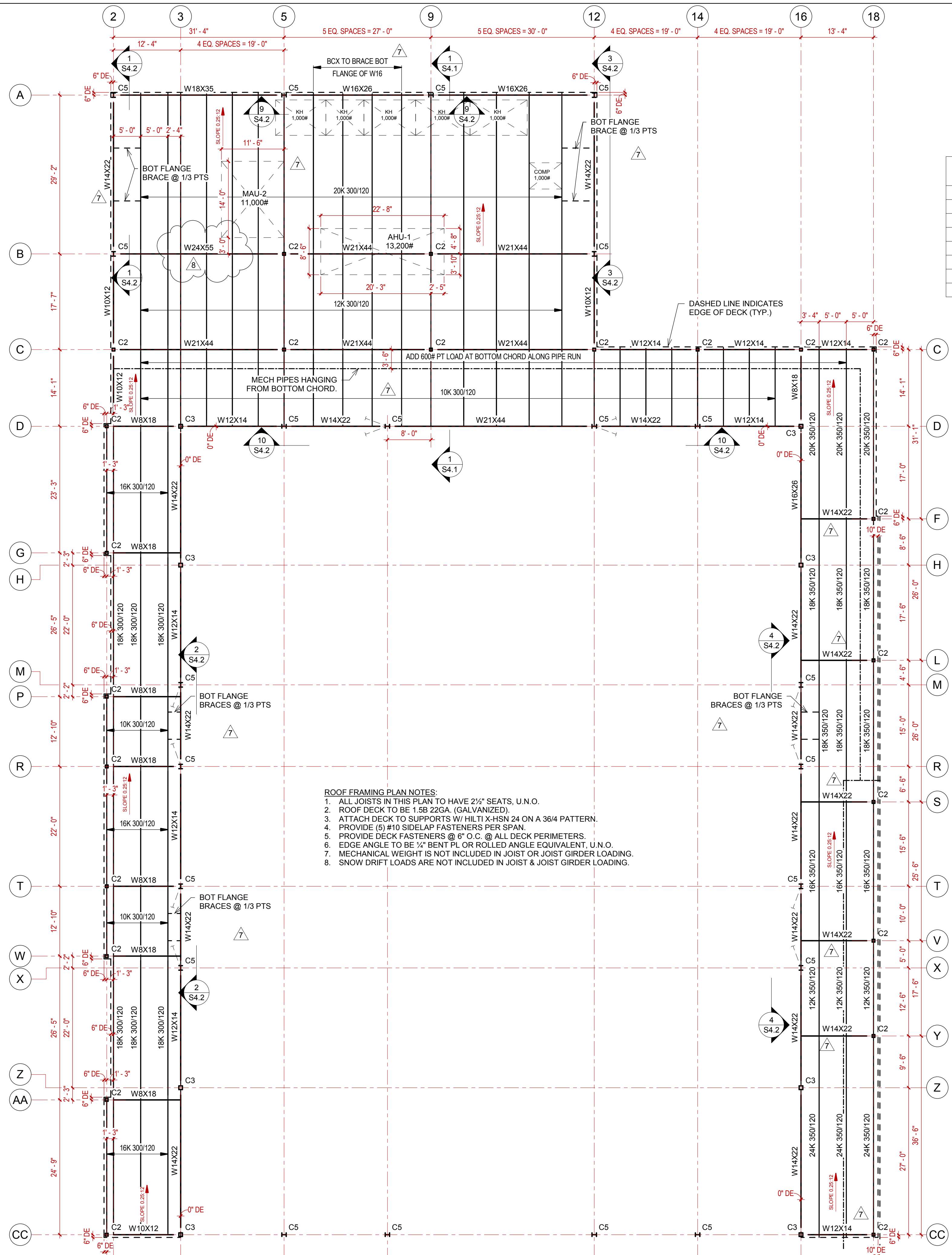
S3.1

ROOF FRAMING PLANS

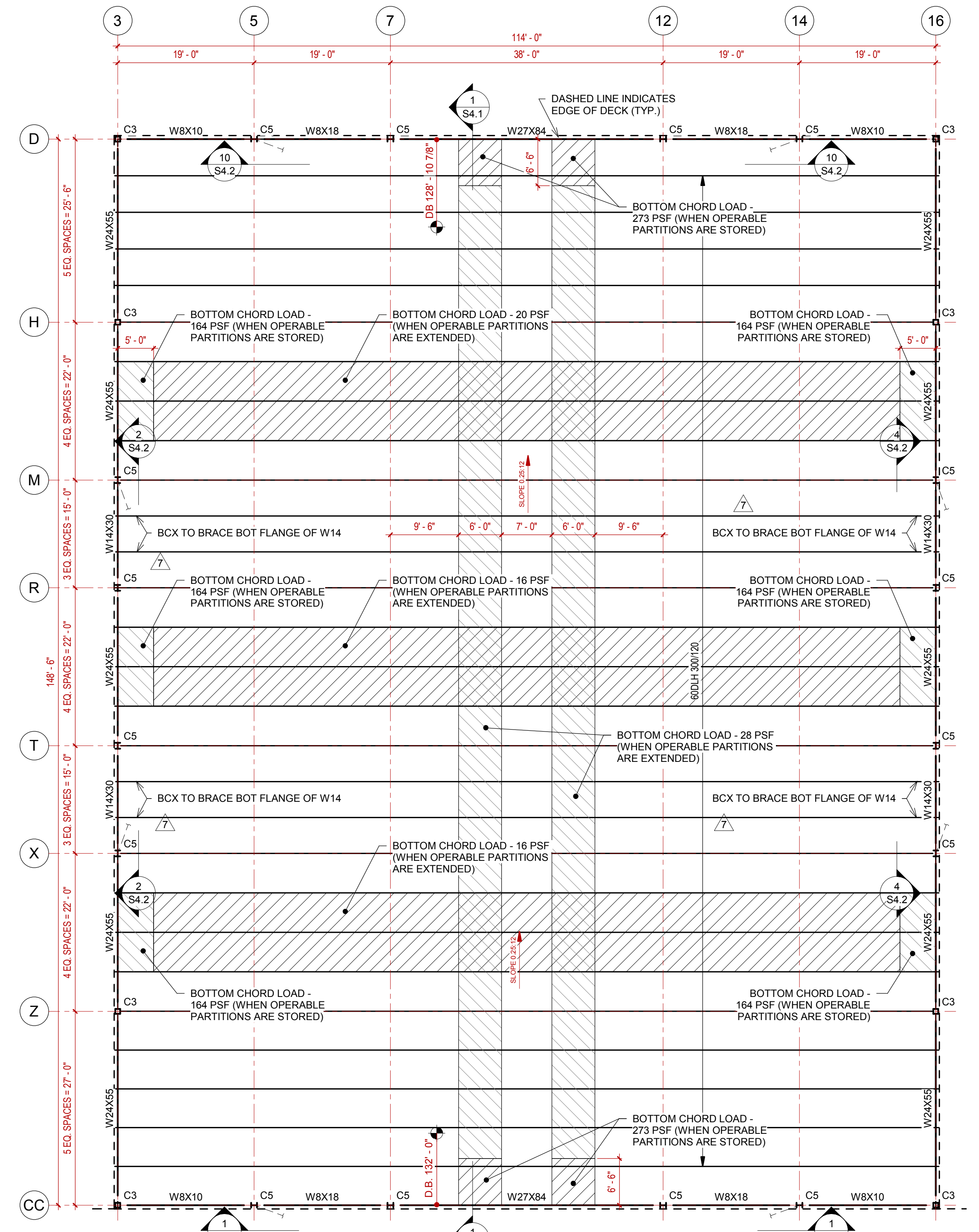
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

ROOF FRAMING PLAN NOTES:

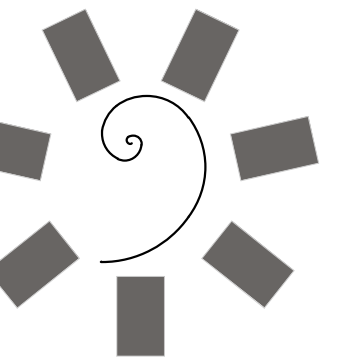
- ALL JOISTS IN THIS PLAN TO HAVE 5" SEATS, U.N.O.
- ROOF DECK TO BE 1.5B 22GA. (GALVANIZED).
- ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
- PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
- PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
- EDGE ANGLE TO BE 1/2" BENT PL OR ROLLED ANGLE EQUIVALENT, U.N.O.
- MECHANICAL WEIGHT IS NOT INCLUDED IN JOIST OR JOIST GIRDER LOADING.
- SNOW DRIFT LOADS ARE NOT INCLUDED IN JOIST & JOIST GIRDER LOADING.
- METAL STUDS AROUND THE PERIMETER OF CONVENTION HI TO BE 600S162-54 @ 16" O.C. W/ 600T125-54 TRACKS.



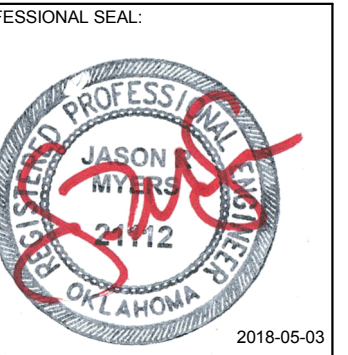
2 ROOF FRAMING PLAN - CONVENTION - DB LO
3/32" = 1'-0"



1 ROOF FRAMING PLAN - CONVENTION - DB HI
3/32" = 1'-0"



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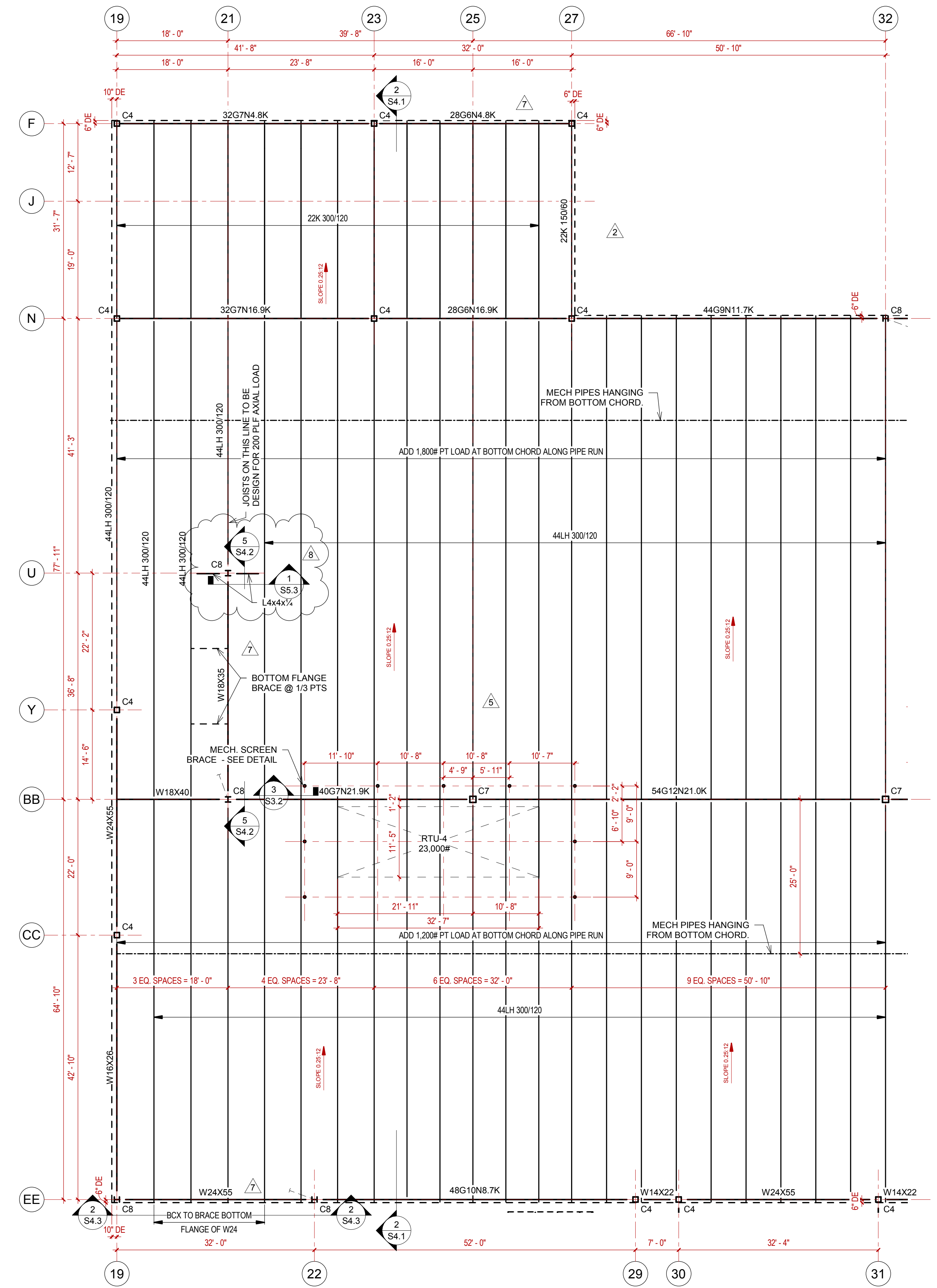
PROJECT PHASE:
BID PACKAGE 02
(100%SET)

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2	04/11/18	ADDENDUM #02
3	04/27/18	ADDENDUM #03
4	05/08/18	ADDENDUM #04
5	05/11/18	ADDENDUM #05
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7	05/11/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

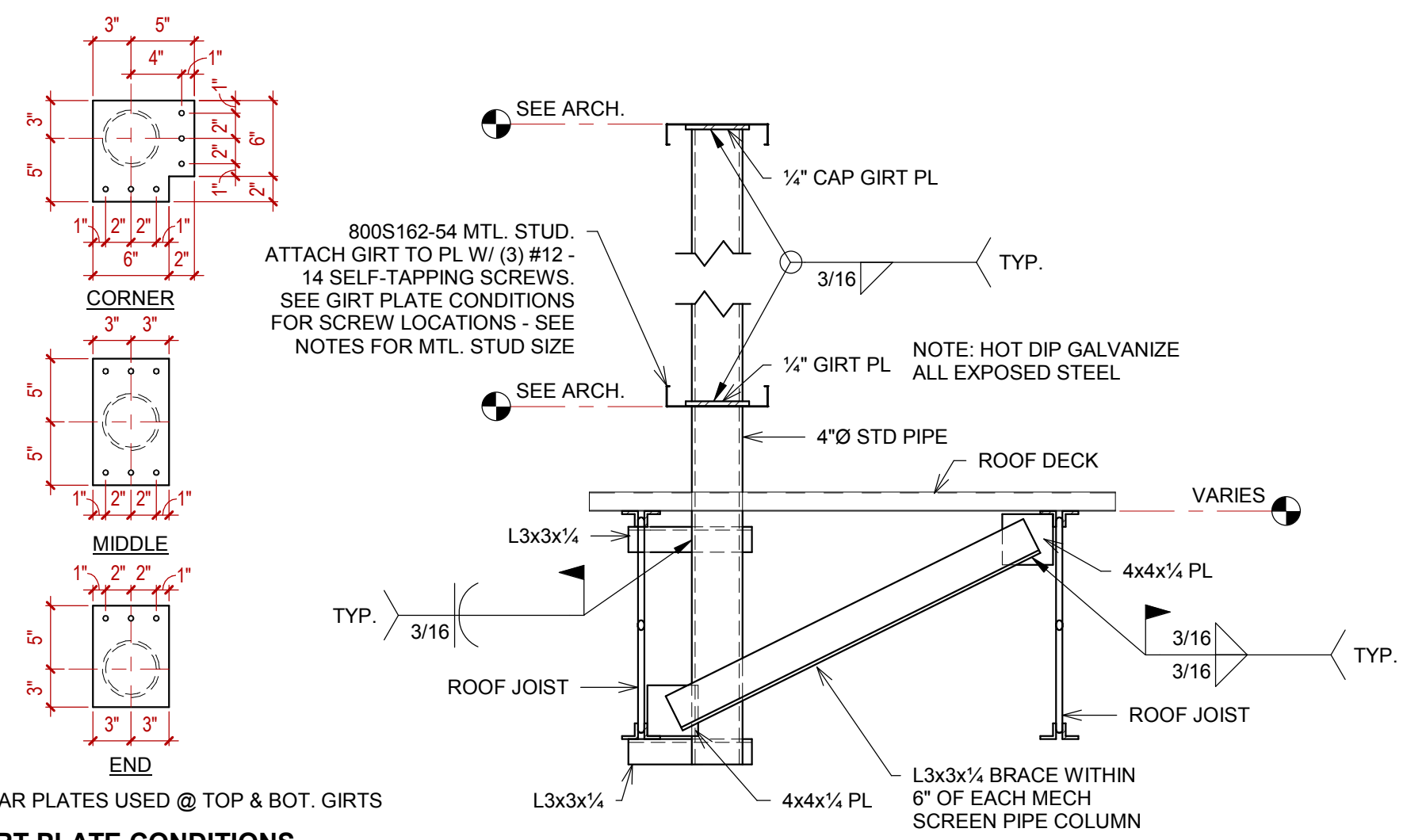
DATE: 03/27/18
JOB NUMBER: 17-06

SHEET NUMBER:
S3.2

ROOF FRAMING PLANS



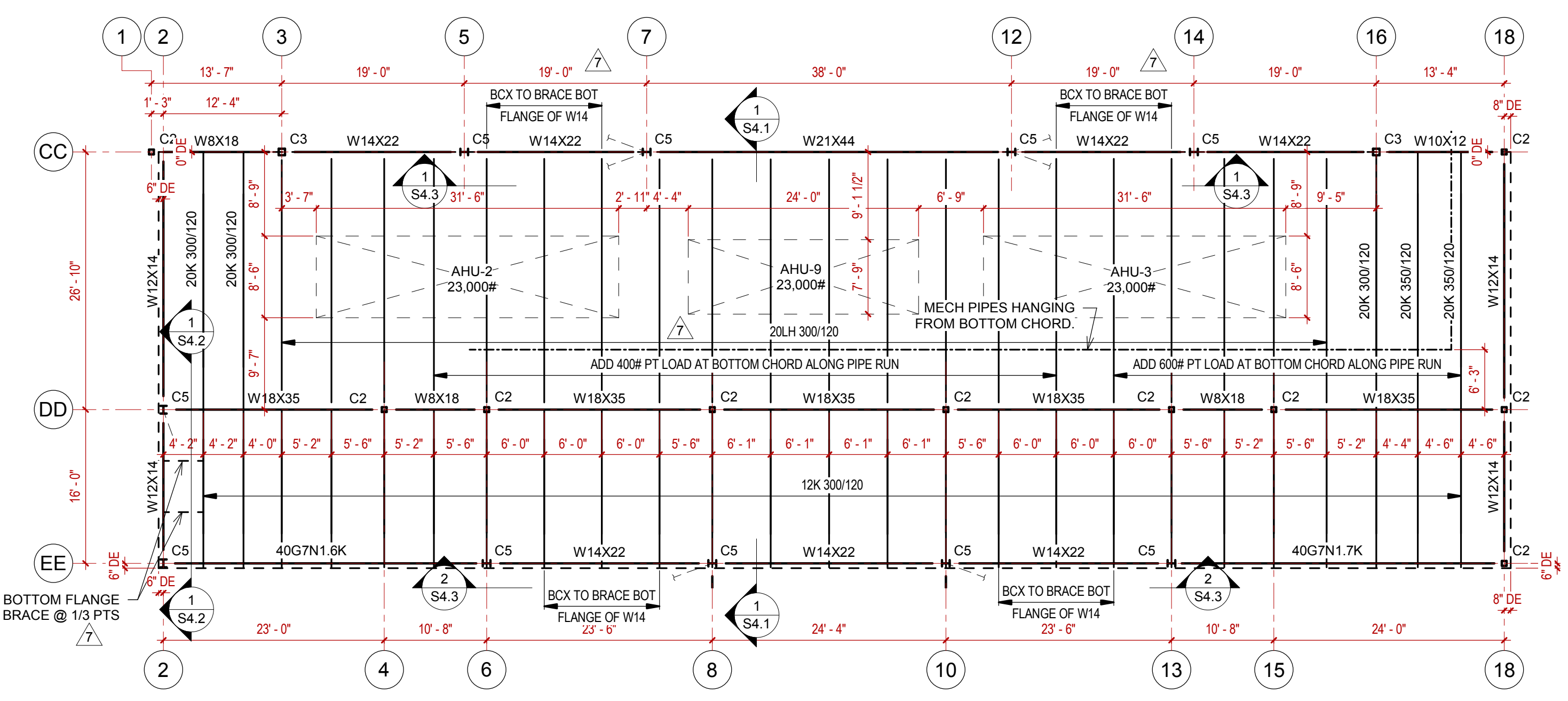
2 ROOF FRAMING PLAN - CASINO - NORTH
3/32" = 1'-0"



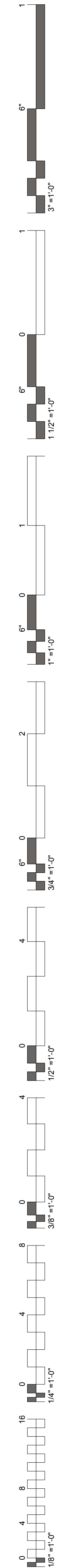
3 MECH. SCREEN BRACE
1" = 1'-0"

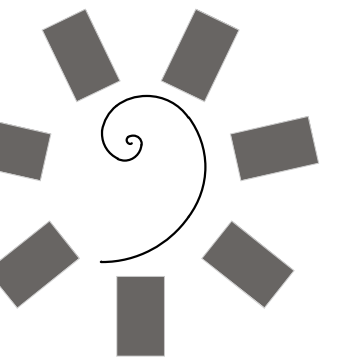
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

- ROOF FRAMING PLAN NOTES:
- ALL JOISTS IN THIS PLAN TO HAVE 5" SEATS, U.N.O.
 - ROOF DECK TO BE 1.5B 22GA. (GALVANIZED).
 - ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
 - PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
 - PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
 - EDGE ANGLE TO BE 1/2" BENT PL OR ROLLED ANGLE EQUIVALENT, U.N.O.
 - MECHANICAL WEIGHT IS NOT INCLUDED IN JOIST OR JOIST GIRDER LOADING.
 - SNOW DRIFT LOADS ARE NOT INCLUDED IN JOIST & JOIST GIRDER LOADING.
 - METAL STUDS AROUND THE PERIMETER OF CONVENTION HI TO BE 600S162-54 @ 16" O.C. W/ 600T125-54 TRACKS.

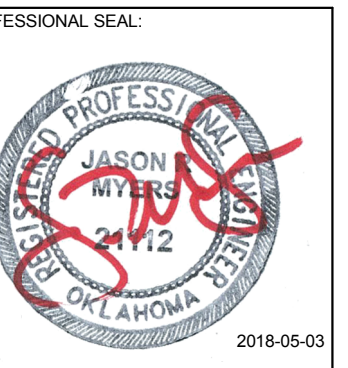


1 ROOF FRAMING PLAN - CONVENTION - FOH
3/32" = 1'-0"





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TAHLEQUAH, OKLAHOMA

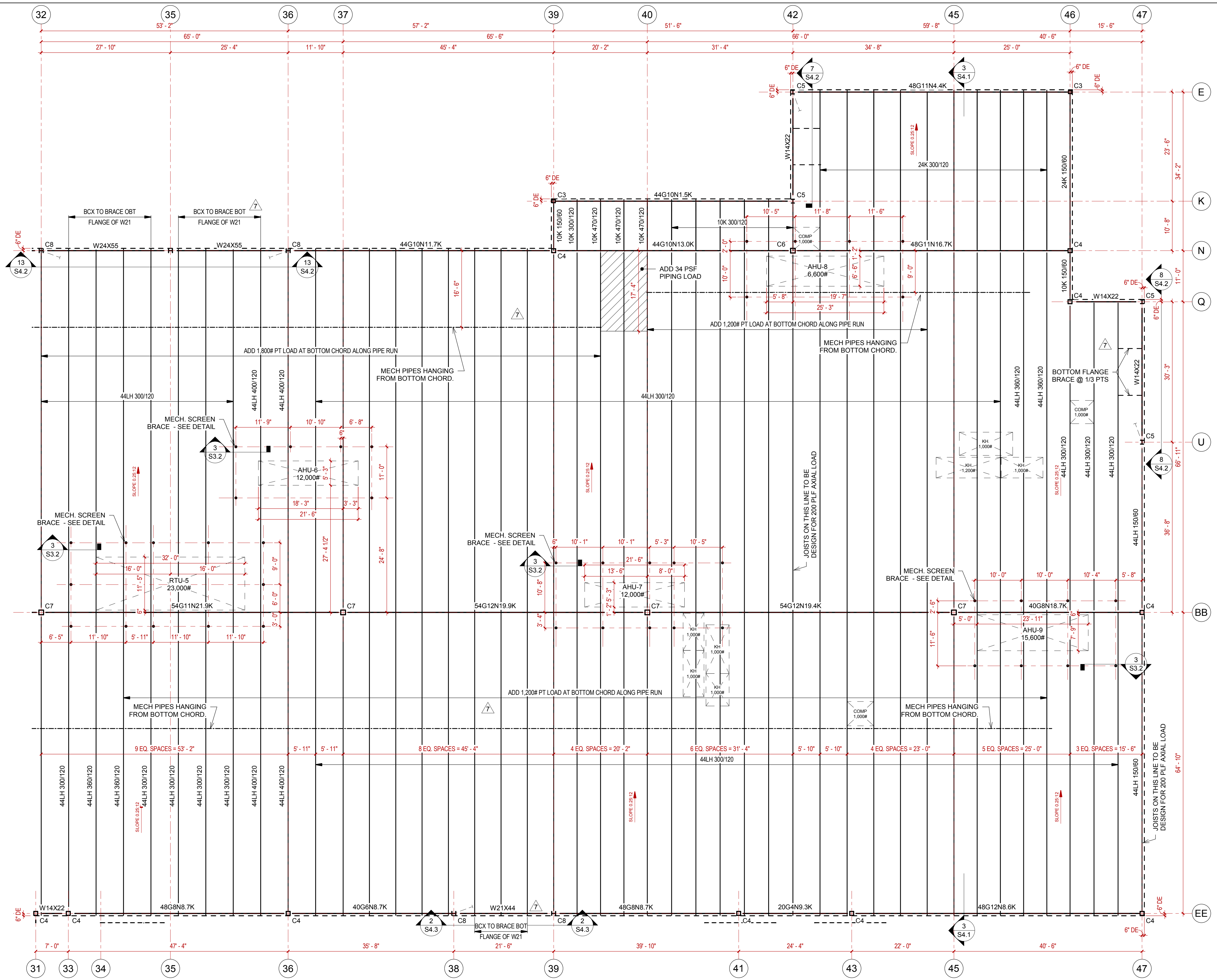
PROJECT PHASE:
BID PACKAGE 02
(100%SET)

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5	04/27/18	ADDENDUM #05
7	05/08/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

DATE: 03/27/18
JOB NUMBER: 17-06

SHEET NUMBER: **S3.3**

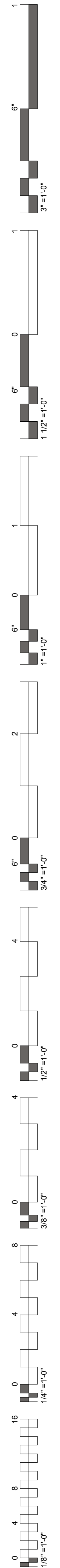
ROOF FRAMING PLAN

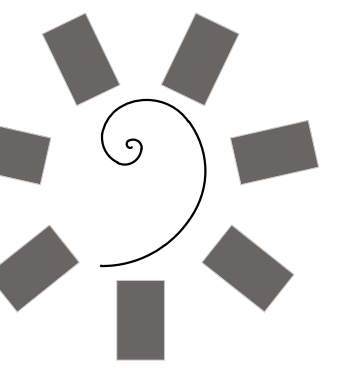


STRUCTURAL STEEL COLUMN SCHEDULE	
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

- ROOF FRAMING PLAN NOTES:**
- ALL JOISTS IN THIS PLAN TO HAVE 5" SEATS, U.N.O.
 - ROOF DECK TO BE 1.5B 22GA. (GALVANIZED).
 - ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
 - PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
 - PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
 - EDGE ANGLE TO BE 1/2" BENT PL OR ROLLED ANGLE EQUIVALENT, U.N.O.
 - MECHANICAL WEIGHT IS NOT INCLUDED IN JOIST OR JOIST GIRDER LOADING.
 - SNOW DRIFT LOADS ARE NOT INCLUDED IN JOIST & JOIST GIRDER LOADING.
 - METAL STUDS AROUND THE PERIMETER OF CONVENTION HI TO BE 600S162-54 @ 16" O.C. W/ 600T125-54 TRACKS.

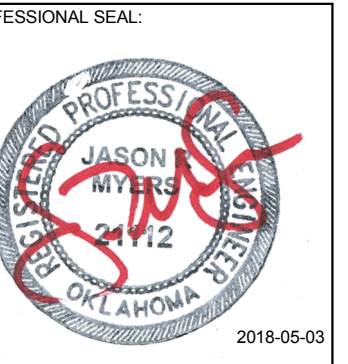
1 ROOF FRAMING PLAN - CASINO - SOUTH
3/32" = 1'-0"





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CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

BID PACKAGE 5

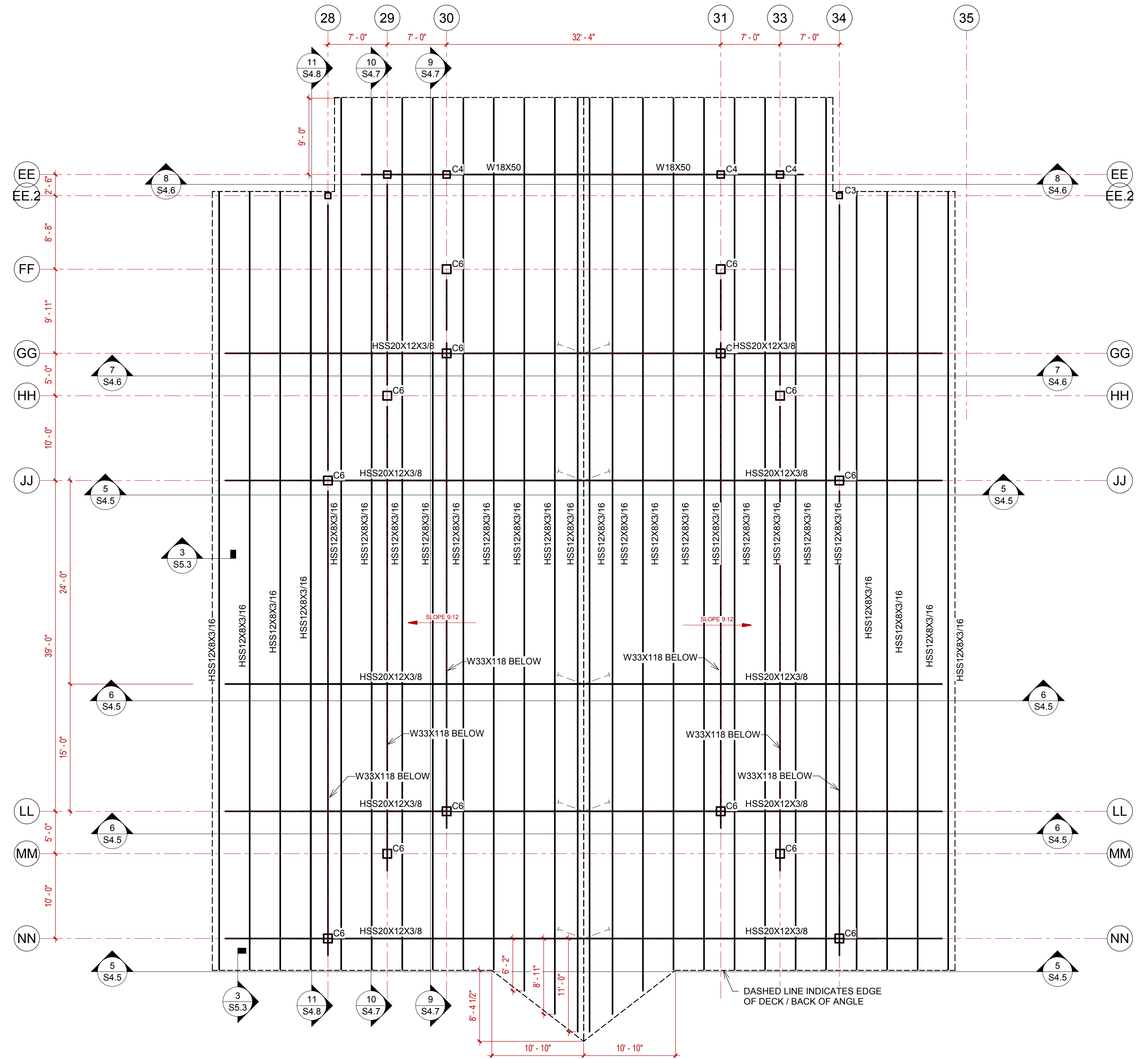
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DATE: 05/03/18 JOB NUMBER: 17-06

SHEET NUMBER:

S3.7

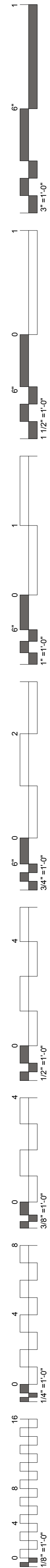
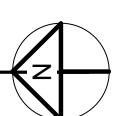
PORTE COCHERE
FRAMING PLAN

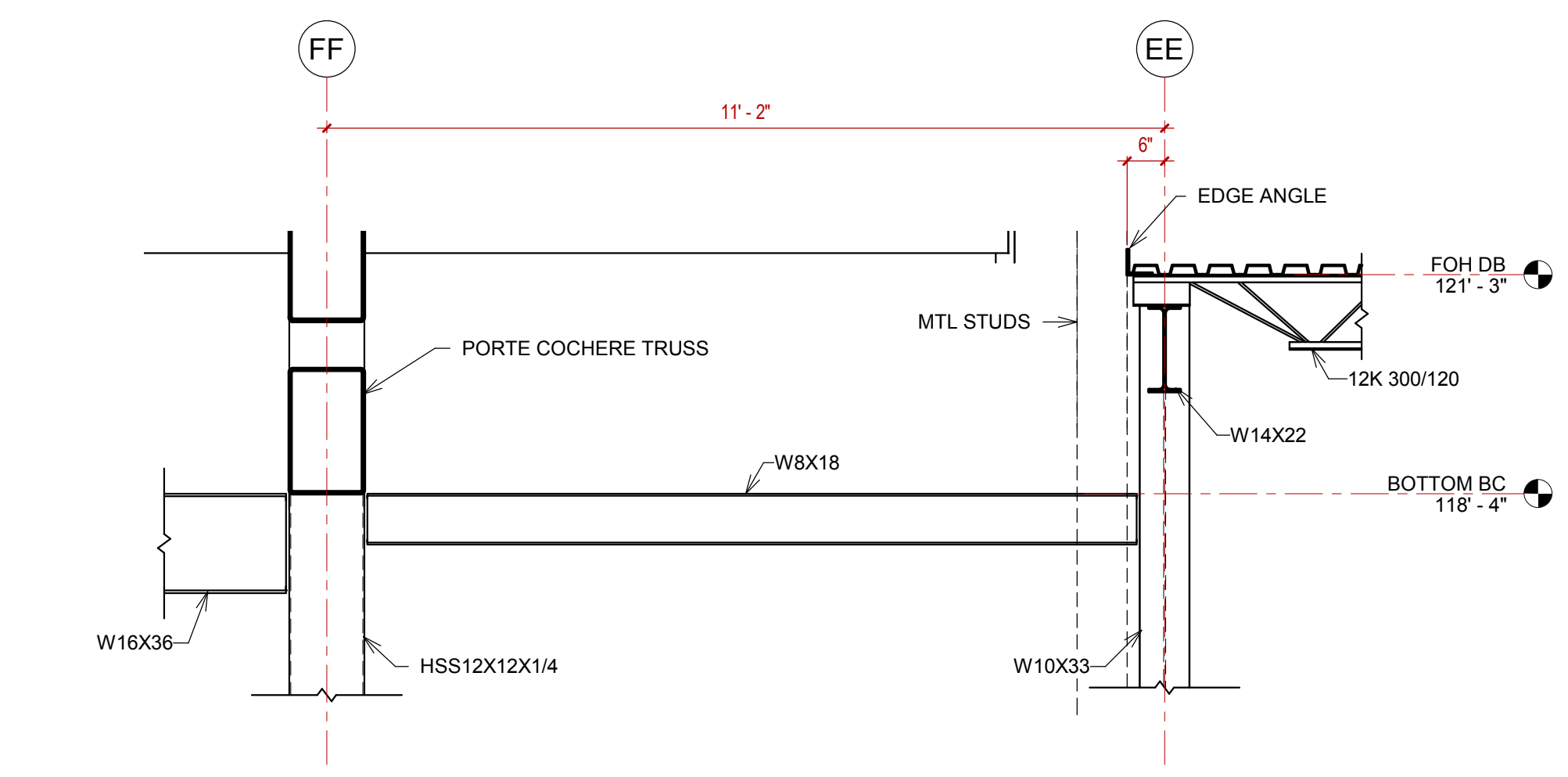
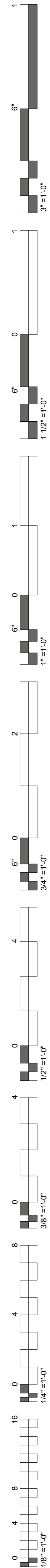


PLAN NOTES:

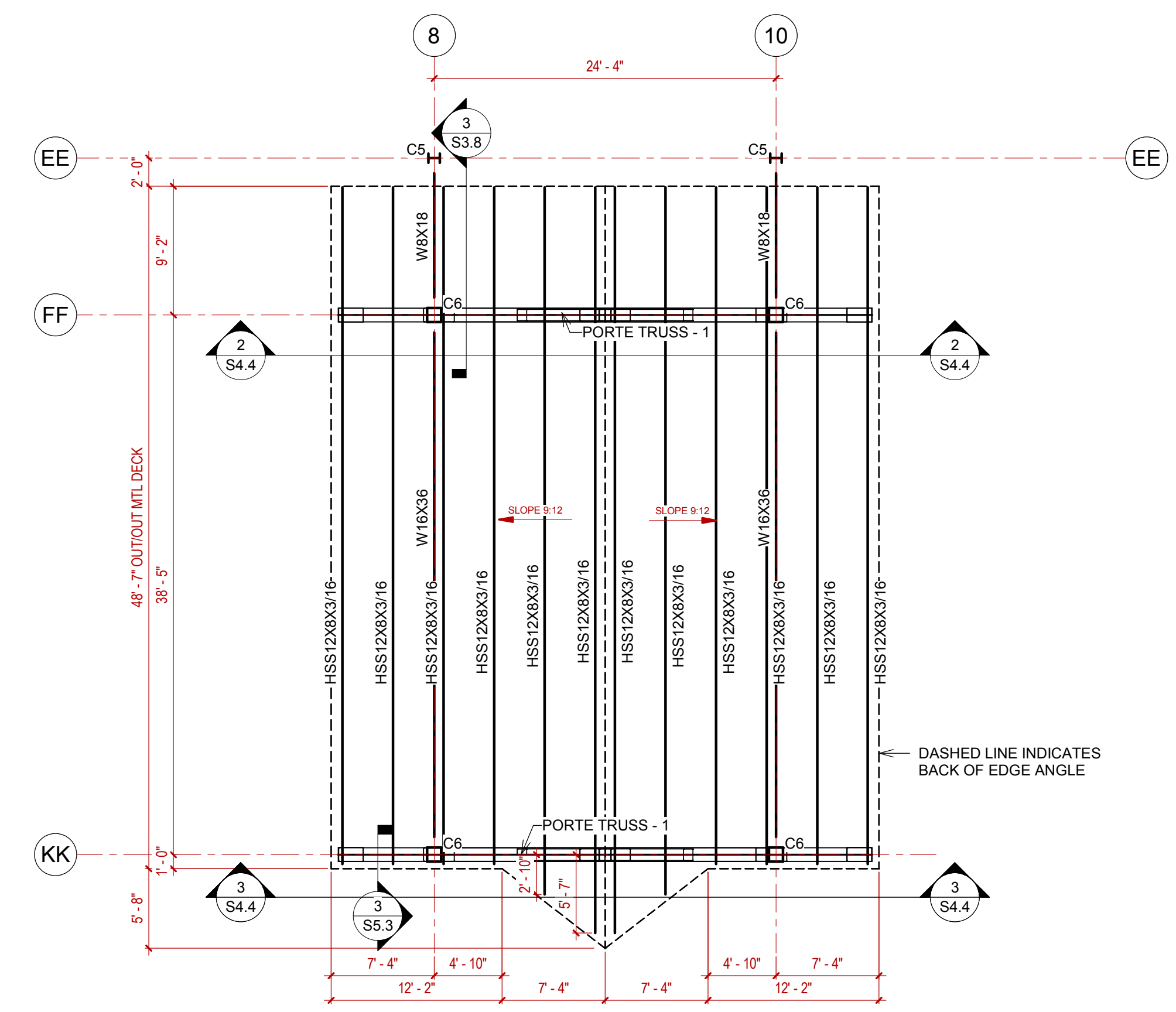
1. ROOF DECK TO BE 1.5B 22 GA. (PAINTED.)
2. ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
3. PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
4. PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
5. EDGE ANGLE TO BE 1/4" BENT PL OR ROLLED ANGLE EQUIVALENT, U.N.O.

1 FRAMING PLAN - PORTE COCHERE MAIN ENTRY
1/8" = 1'-0"



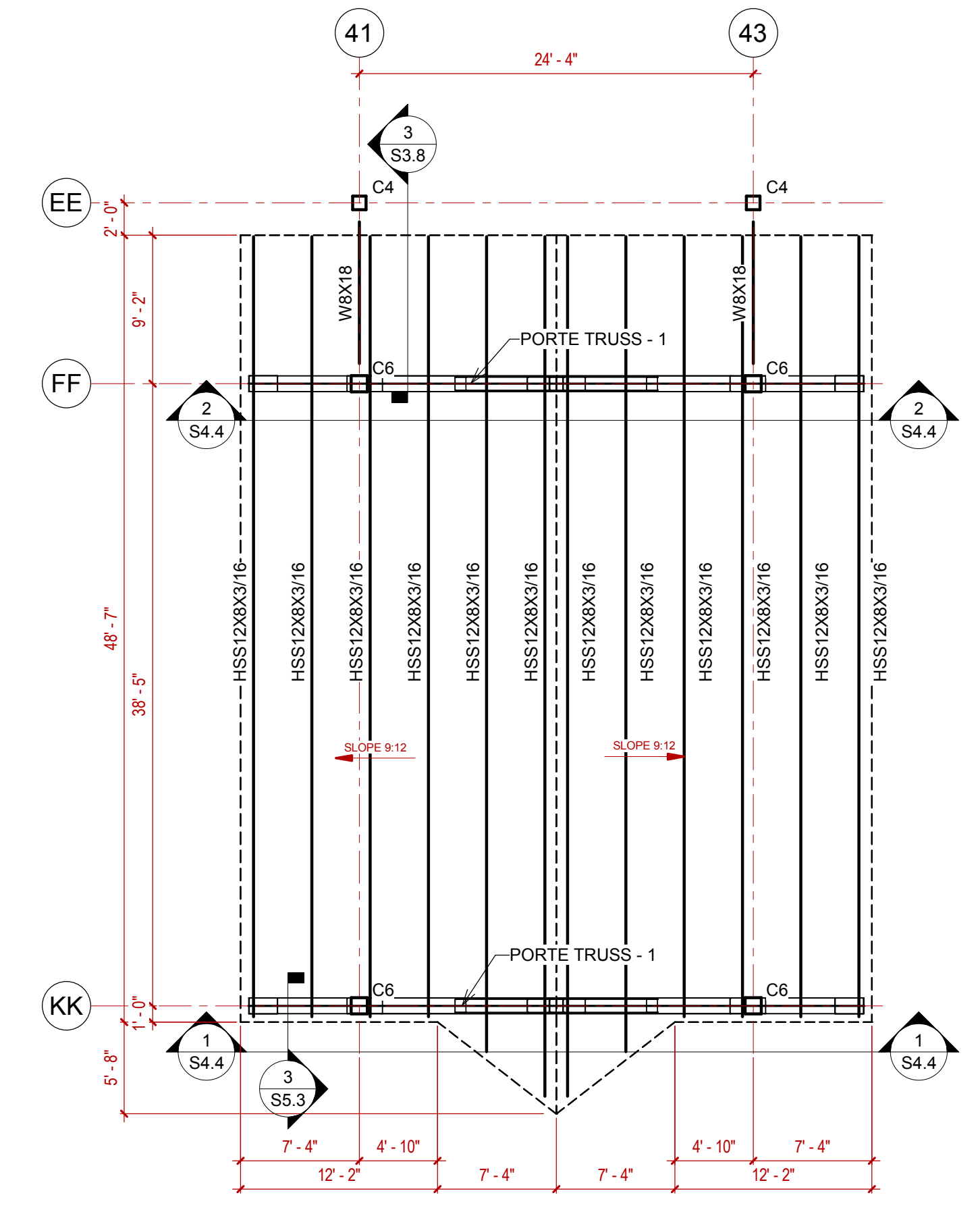


3 PORTE DETAIL
1/2" = 1'-0"

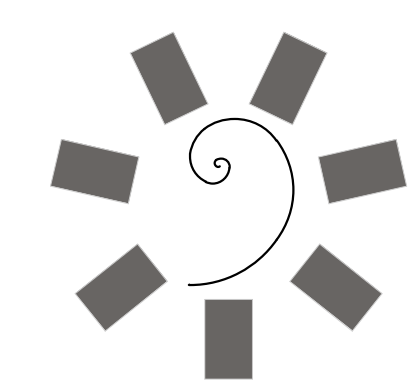


1 FRAMING PLAN - PORTE COCHERE NORTH ENTRY
1/8" = 1'-0"

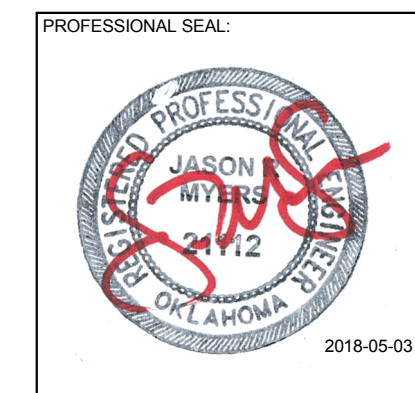
- PLAN NOTES:
1. ROOF DECK TO BE 1-5B-22 GA. (PAINTED).
 2. ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
 3. PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
 4. PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
 5. EDGE ANGLE TO BE 1/2" BENT PL OR ROLLED ANGLE EQUIVALENT, U.N.O.



2 FRAMING PLAN - PORTE COCHERE SOUTH ENTRY
1/8" = 1'-0"



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CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

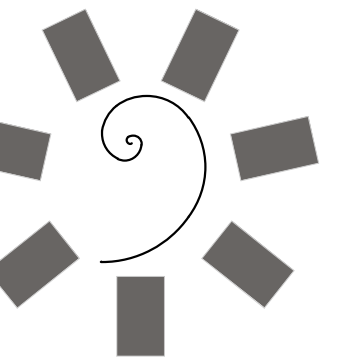
PROJECT PHASE:
BID PACKAGE 5

REVISIONS		
#	DATE	DESCRIPTION
8	05/11/18	ADDENDUM #08

DATE: 05/03/18
JOB NUMBER: 17-06

SHEET NUMBER:
S3.8

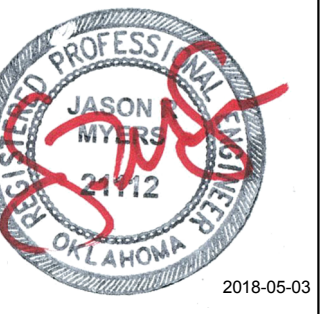
PORTE COCHERE
FRAMING PLAN



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PROFESSIONAL SEAL



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CLIENT:
CHEROKEE NATION
Entertainment



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE

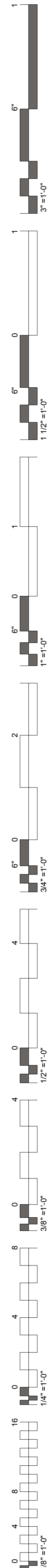
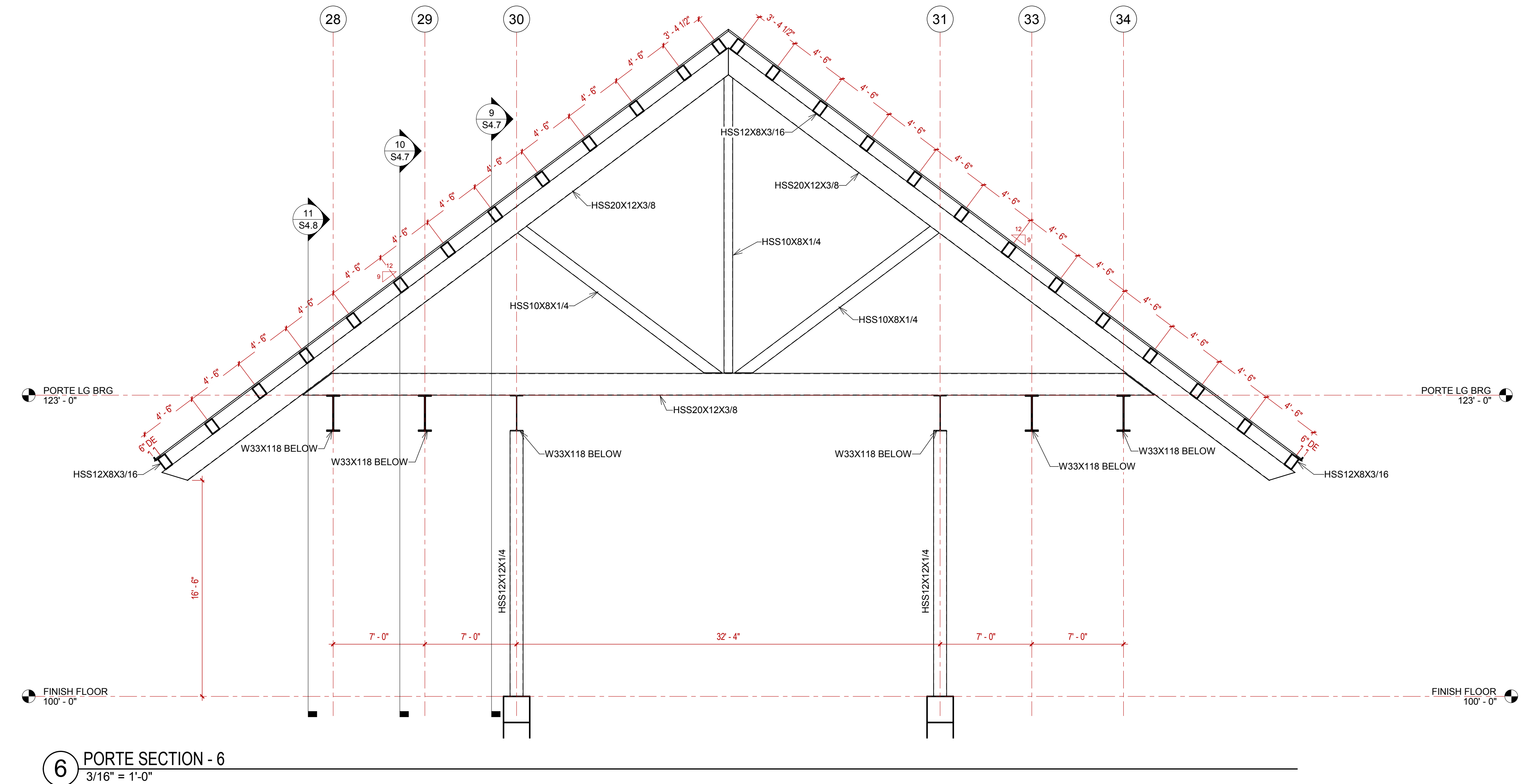
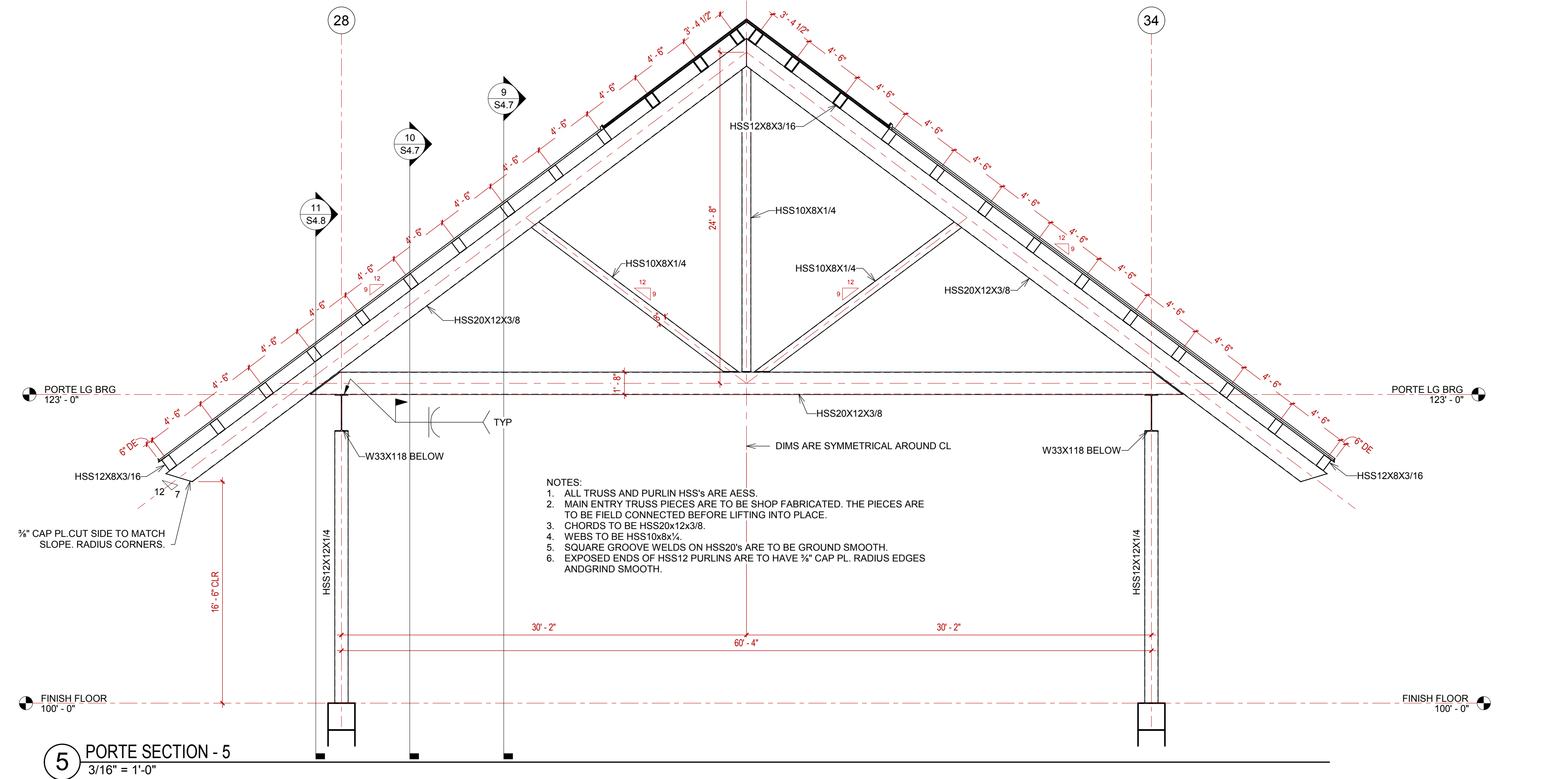
BID PACKAGE 5

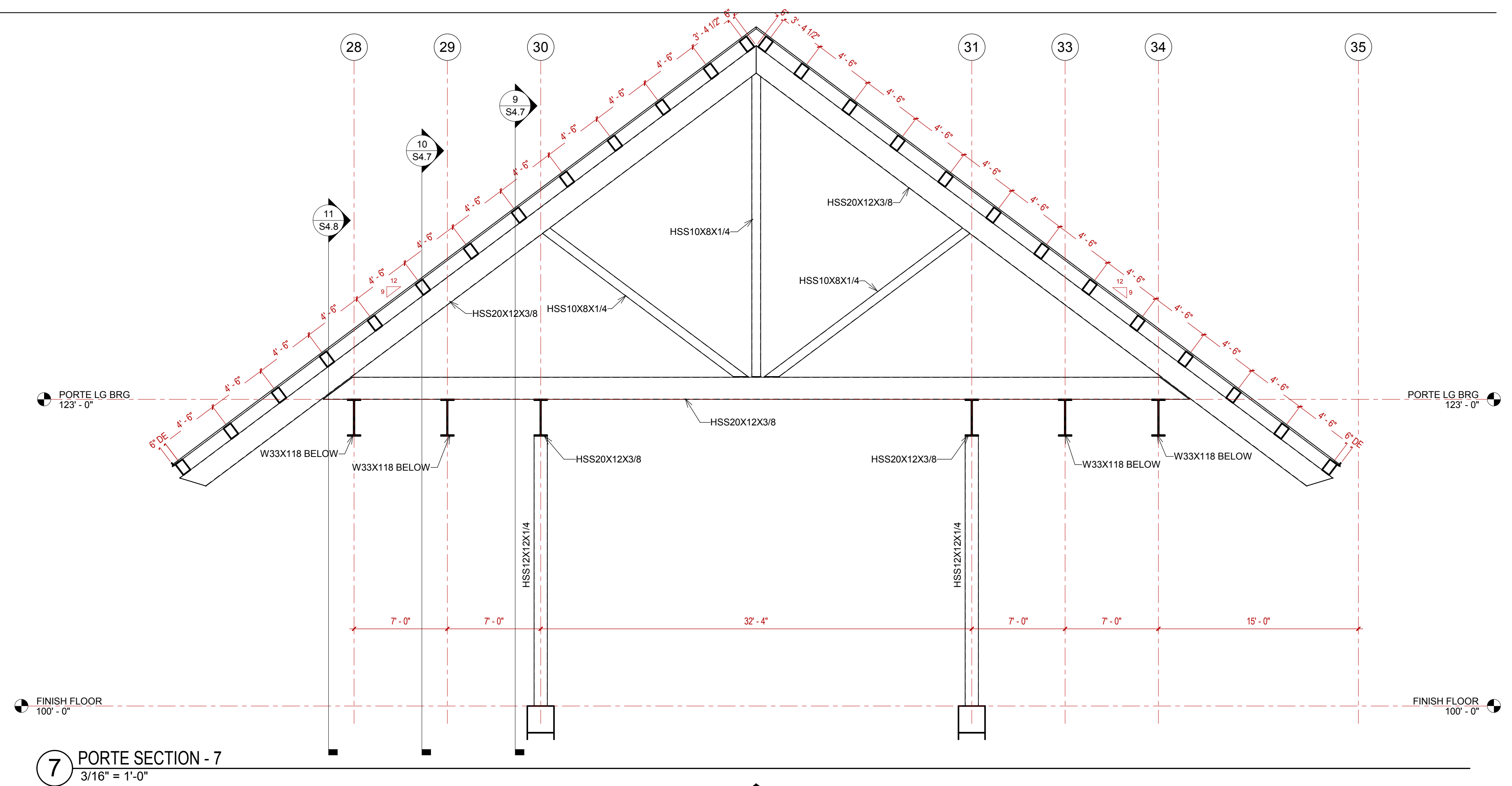
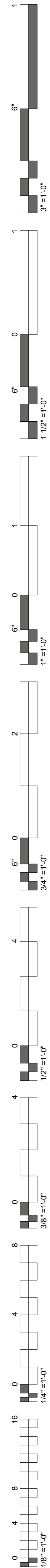
REVISIONS		
#	DATE	DESCRIPTION
8	05/11/18	ADDENDUM #08

DATE: 05/03/18
JOB NUMBER: 17-06

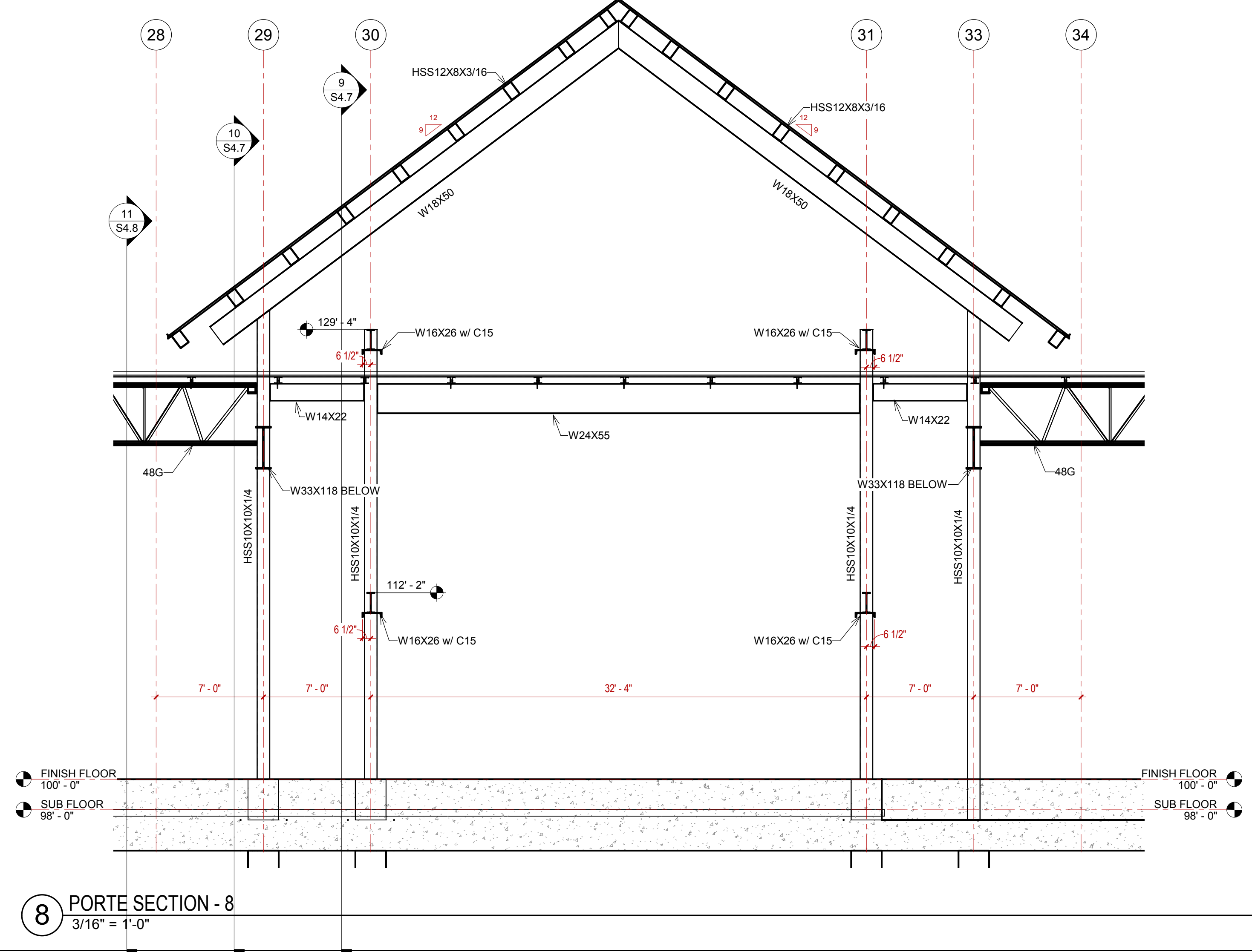
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PORTE COCHERE
SECTIONS

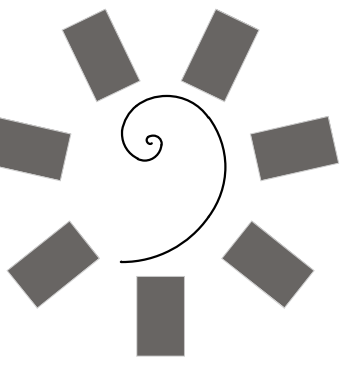




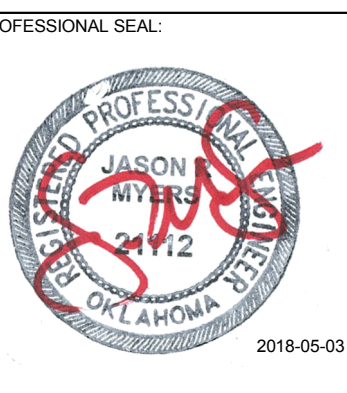
7 PORTE SECTION - 7
3/16" = 1'-0"



8 PORTE SECTION - 8
3/16" = 1'-0"



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CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

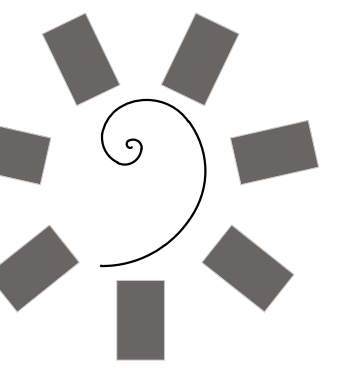
PROJECT PHASE:
BID PACKAGE 5

#	DATE	DESCRIPTION
8	05/11/18	ADDENDUM #08

DATE: 05/03/18
JOB NUMBER: 17-06

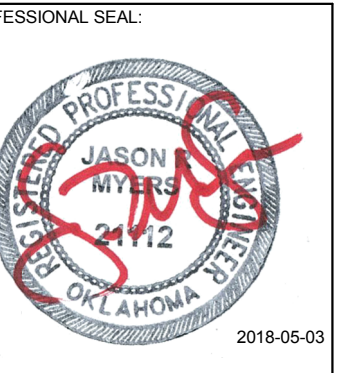
SHEET NUMBER: S4.6

PORTE COCHERE SECTIONS



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PROJECT PHASE:

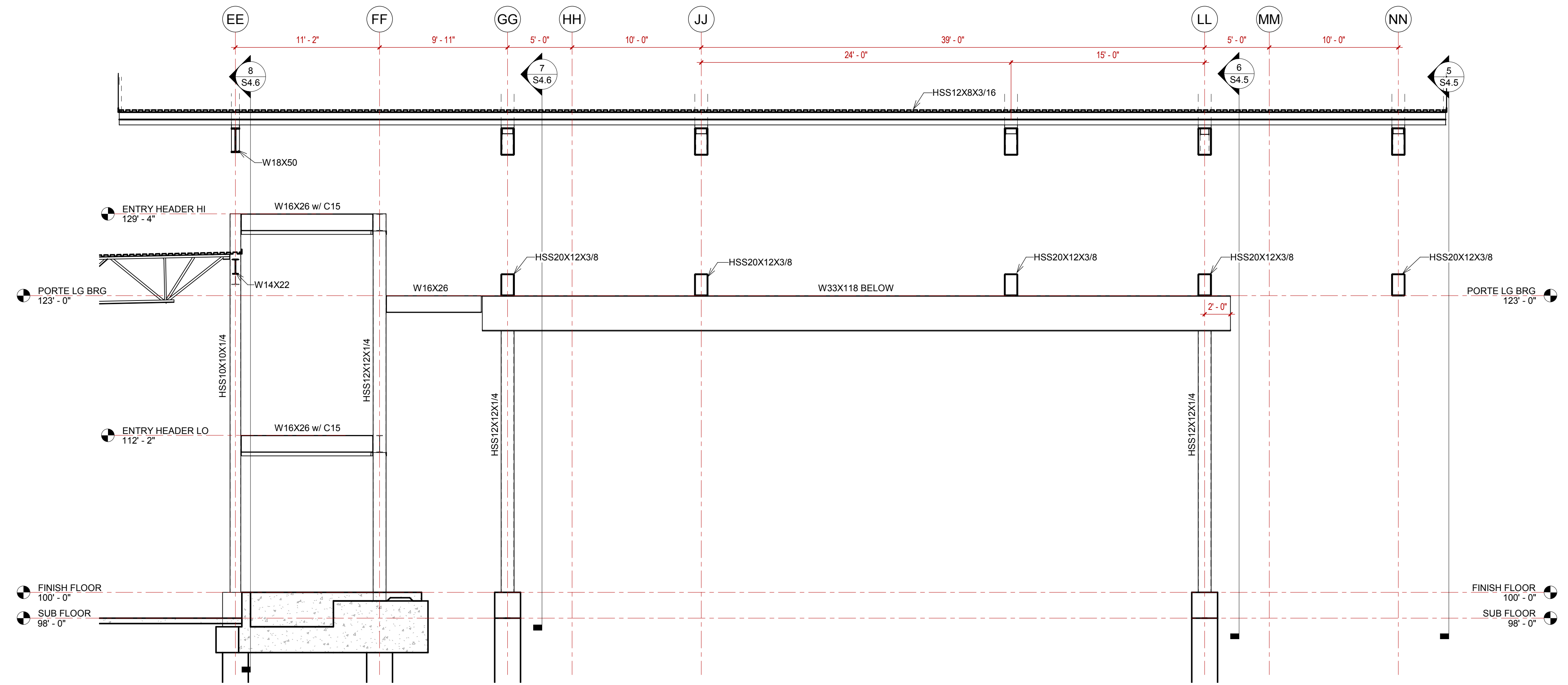
BID PACKAGE 5

#	DATE	DESCRIPTION
8	05/11/18	ADDENDUM #08

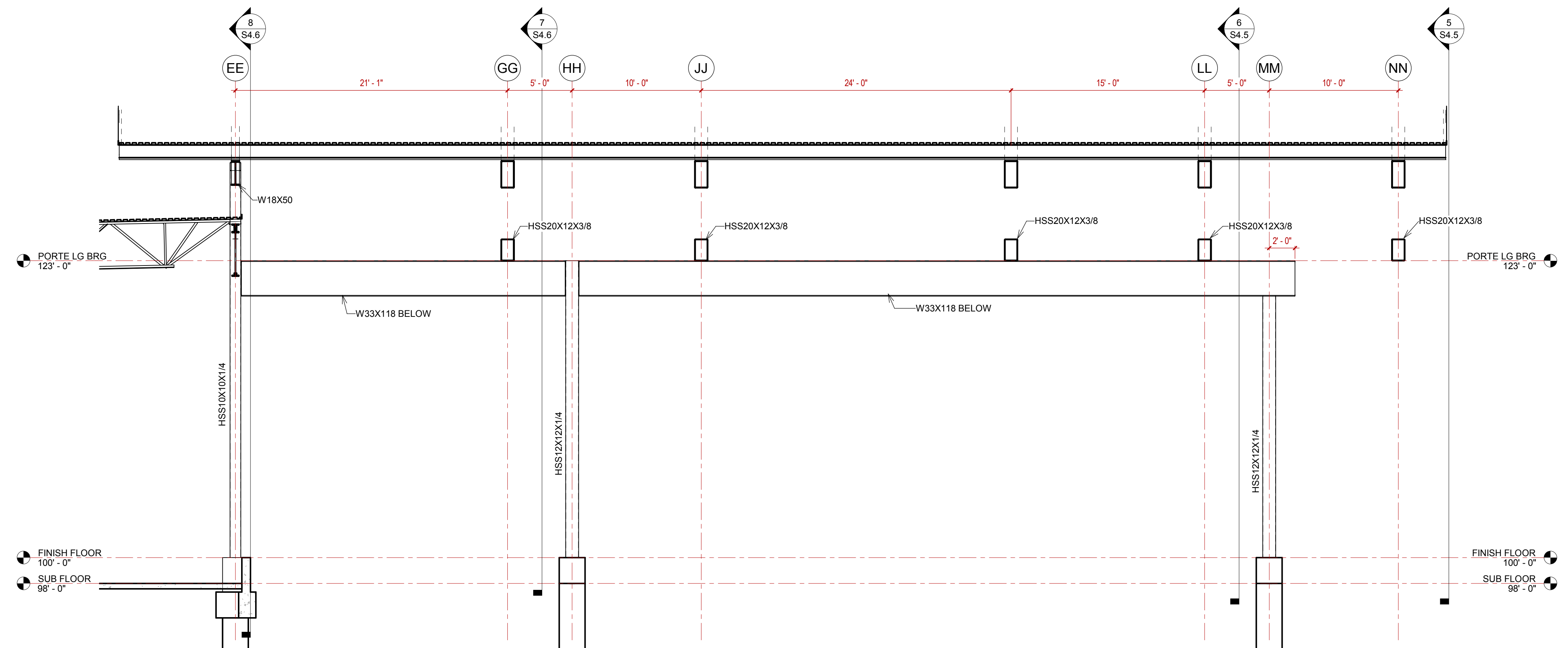
DATE: 05/03/18 JOB NUMBER: 17-06

SHEET NUMBER: S4.7

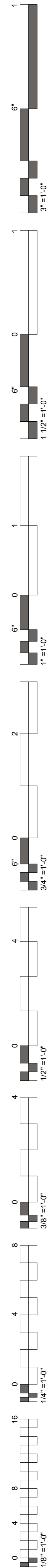
PORTE COCHERE SECTIONS

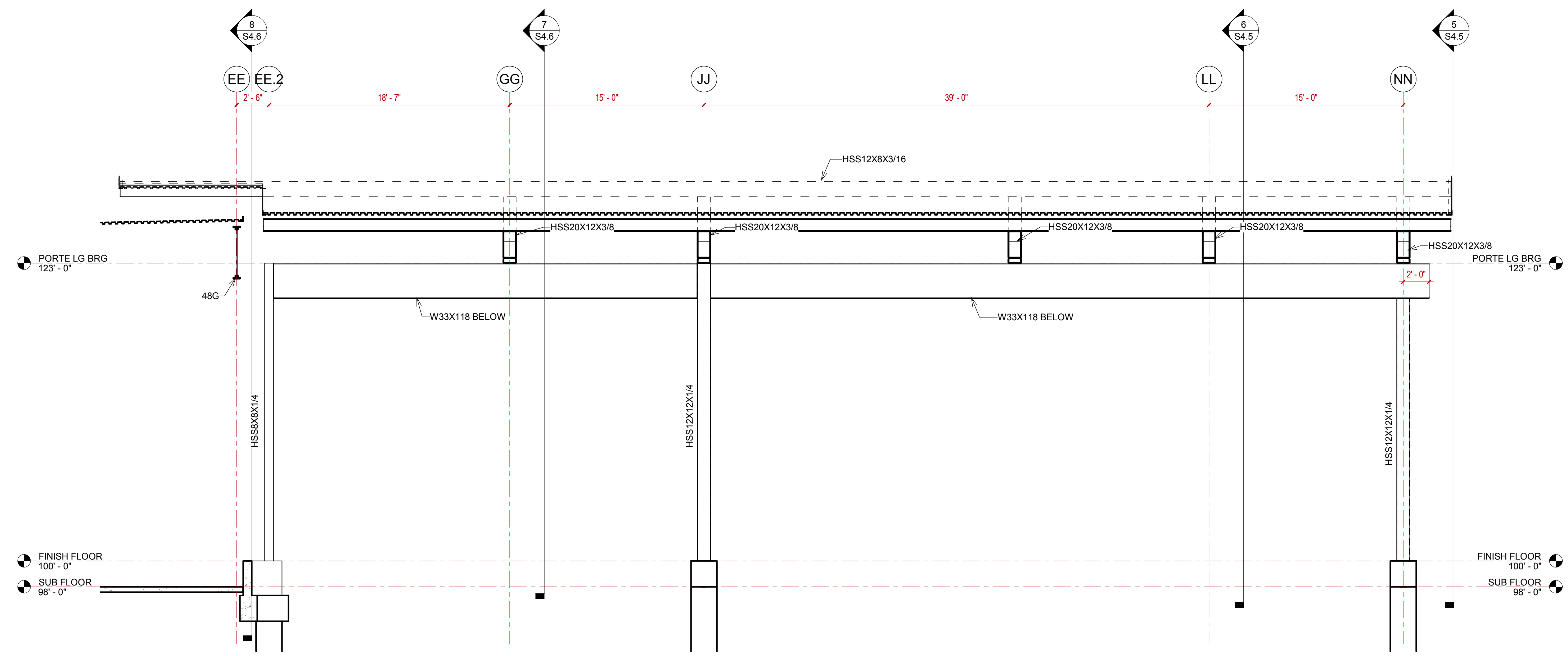
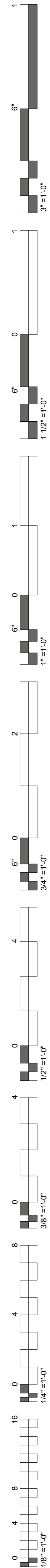


9 PORTE SECTION - 9
3/16" = 1'-0"

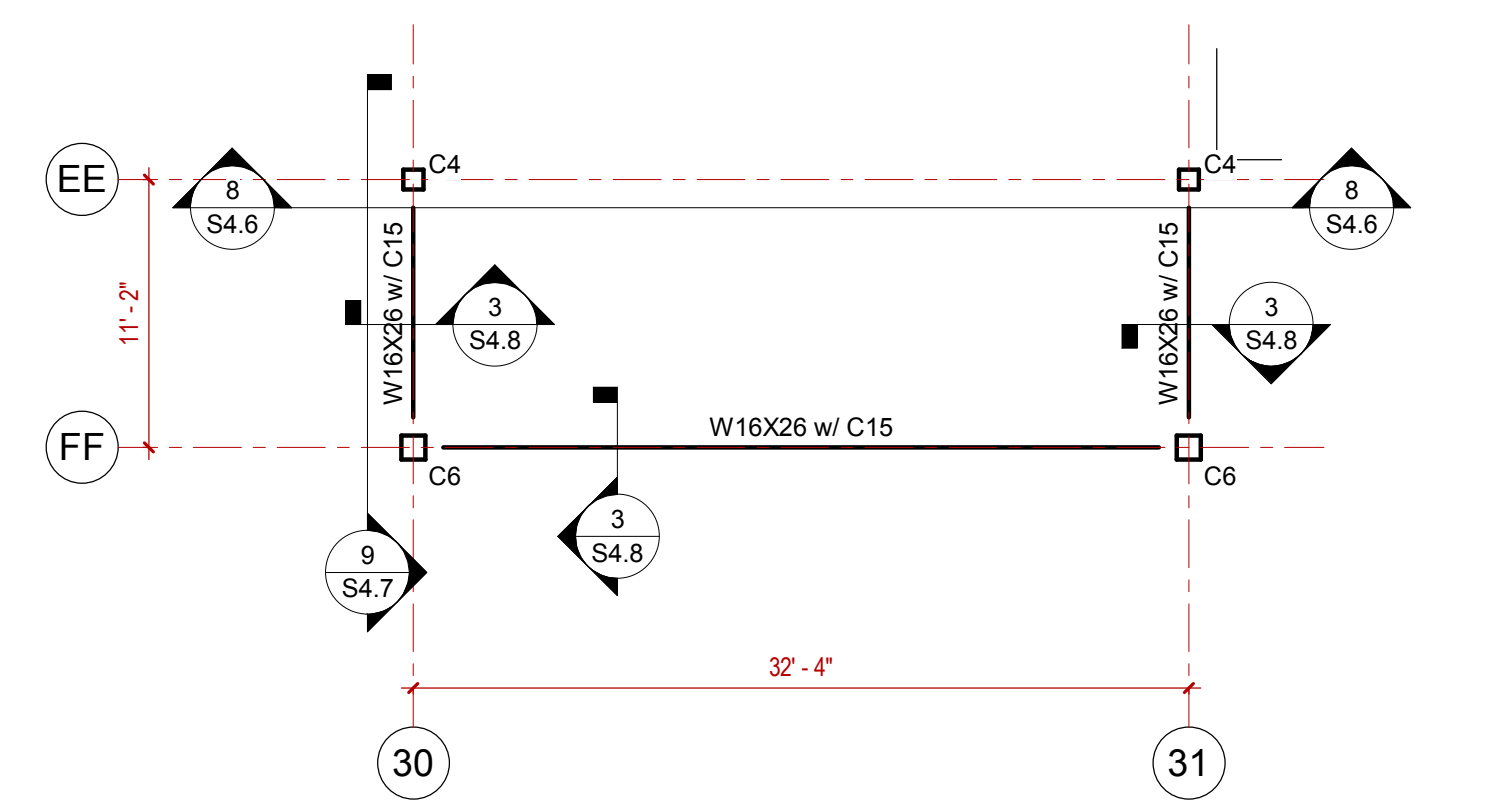


10 PORTE SECTION - 10
3/16" = 1'-0"

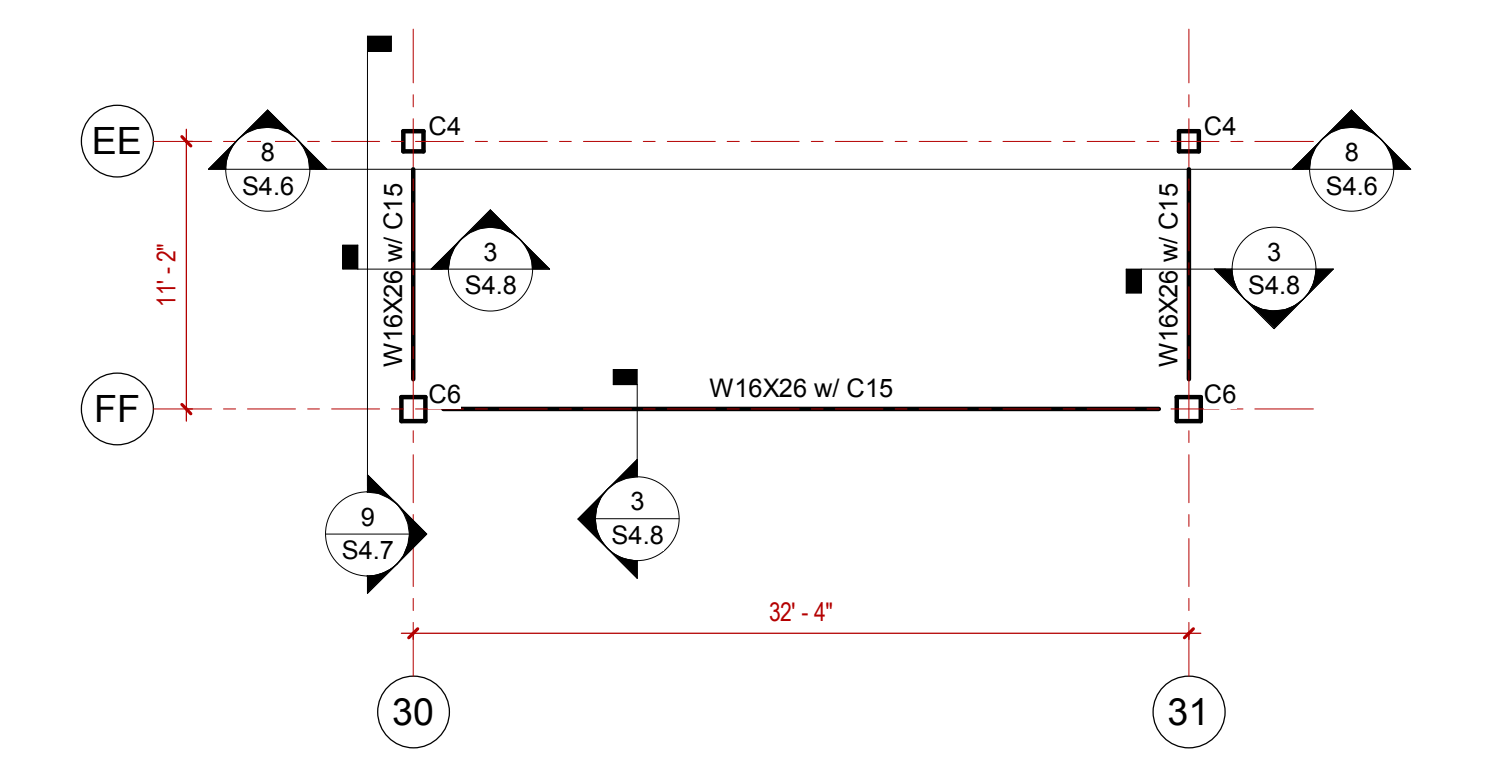




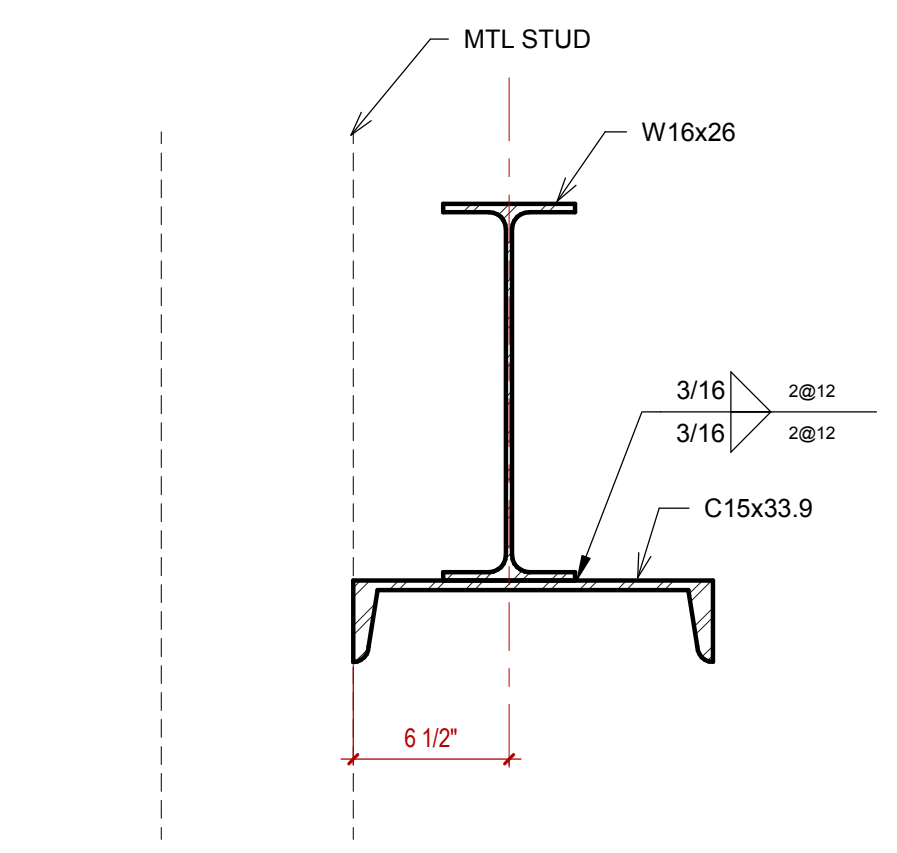
11 PORTE SECTION - 11
3/16" = 1'-0"



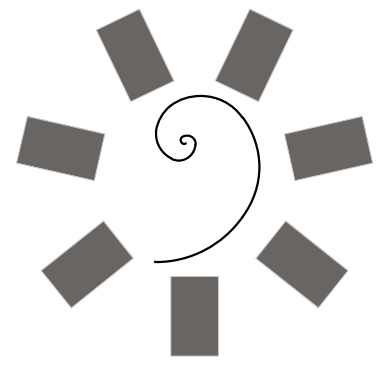
1 MAIN ENTRY HEADER LO
1/8" = 1'-0"



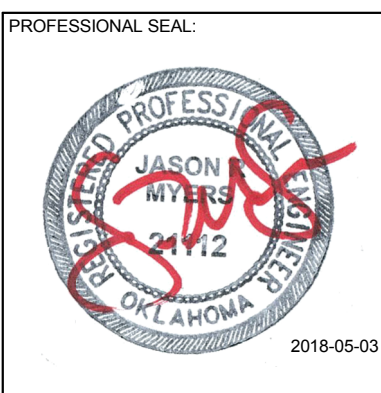
2 MAIN ENTRY HEADER HI
1/8" = 1'-0"



3 HEADER BEAM
1 1/2" = 1'-0"



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TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5

#	DATE	DESCRIPTION
8	05/11/18	ADDENDUM #08

DATE: 05/03/18
JOB NUMBER: 17-06

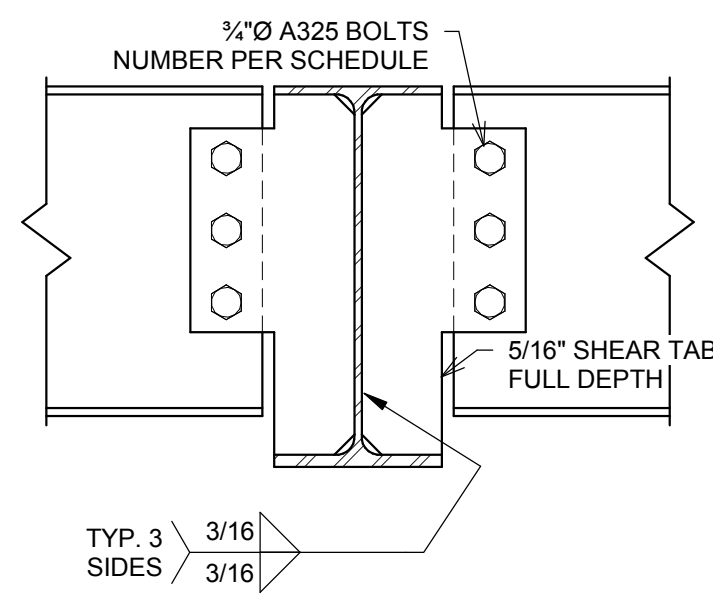
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S4.8

PORTE COCHERE SECTIONS

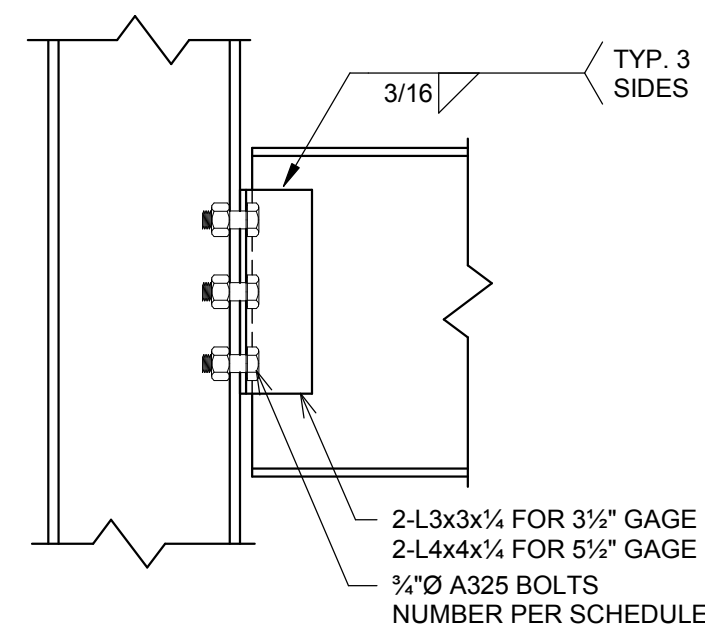
BOLT SCHEDULE

BEAM DEPTH	ROWS OF BOLTS
8" & 10" BEAMS	2 ROWS
12" & 14" BEAMS	3 ROWS
16" BEAMS	4 ROWS
18" & 21" BEAMS	5 ROWS
24" BEAMS	6 ROWS
27" BEAMS	7 ROWS
30" BEAMS	8 ROWS
36" BEAMS	9 ROWS

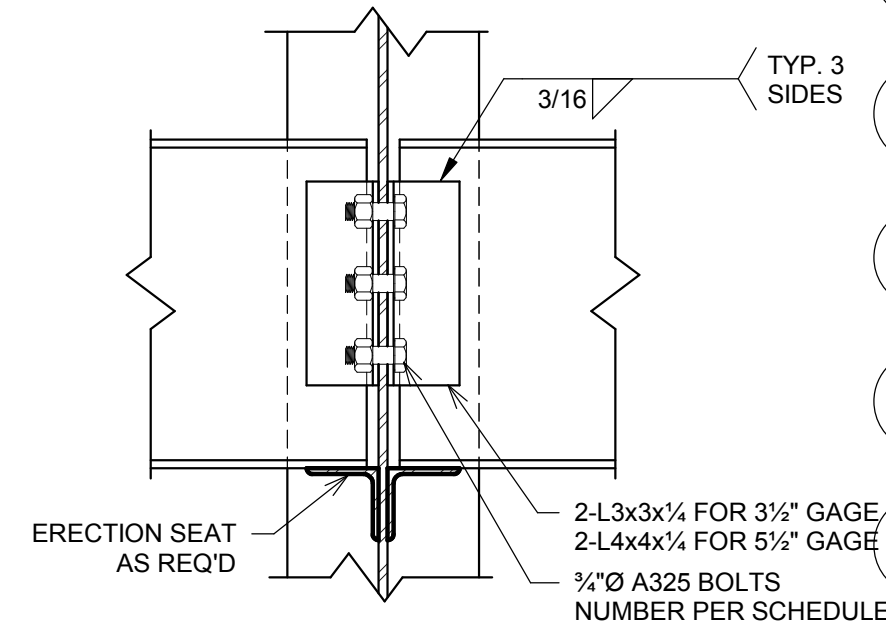
BOLTS TO BE 3/8" A325 U.N.O.



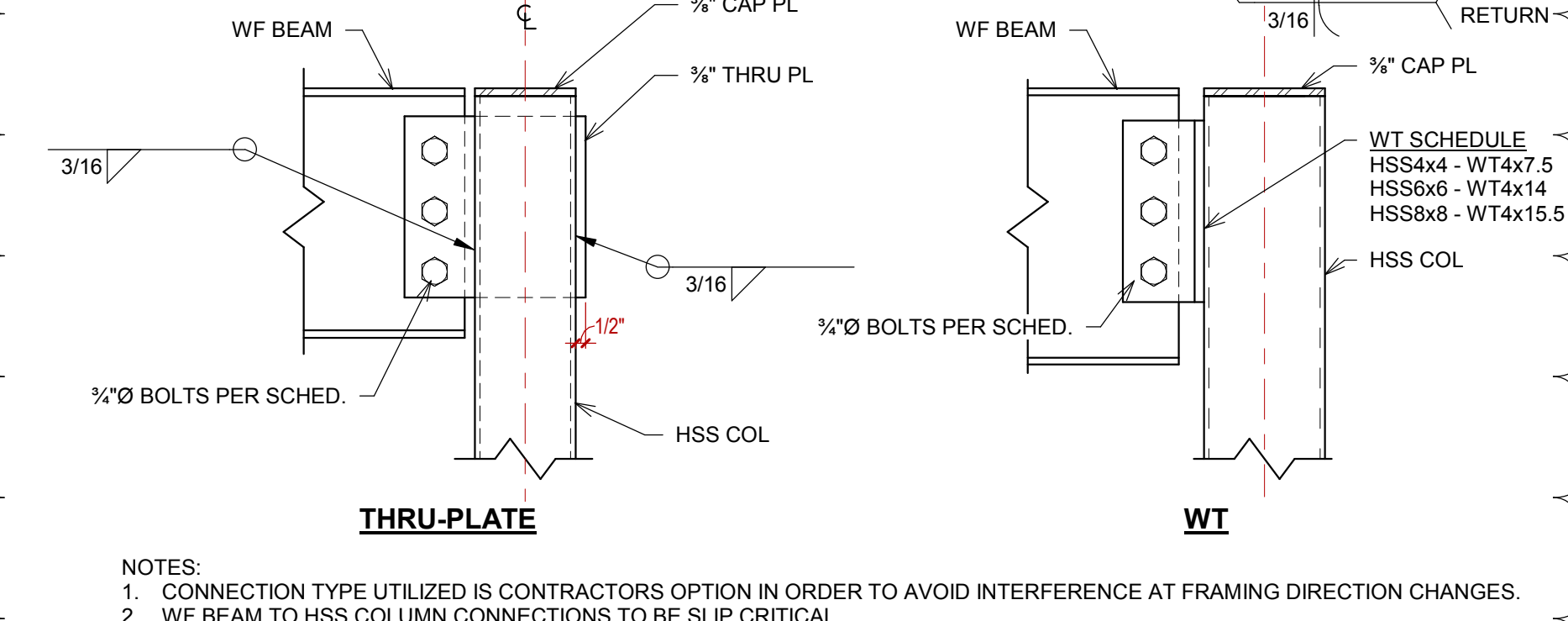
④ BEAM TO BEAM CONNECTION
1 1/2" = 1'-0"



③ BEAM TO COLUMN FLANGE CONNECTION
1 1/2" = 1'-0"

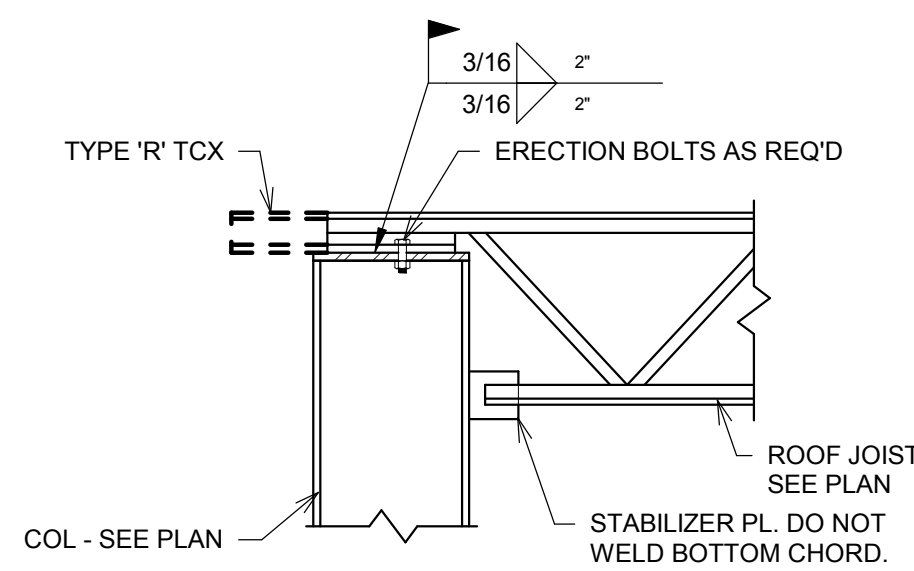


② BEAM TO COLUMN WEB CONNECTION
1 1/2" = 1'-0"

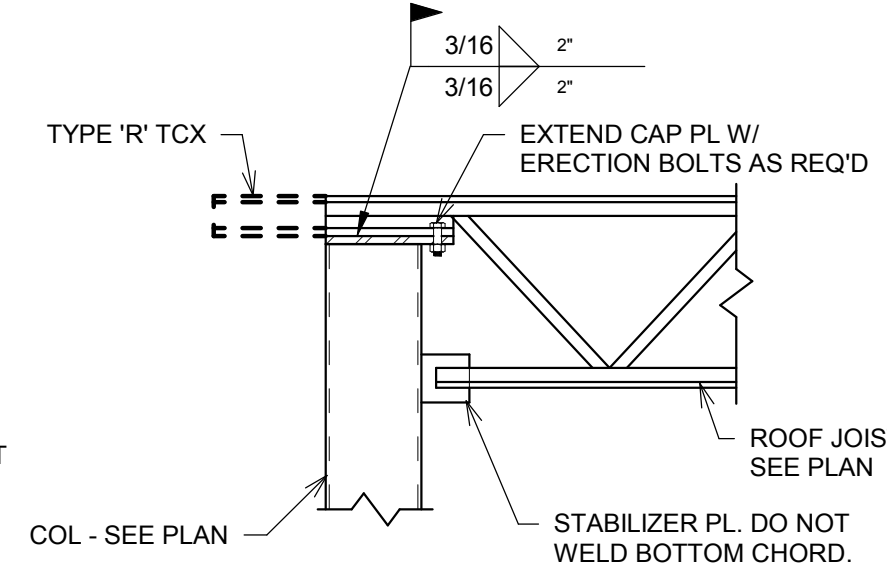


① BEAM TO HSS COLUMN CONX
1 1/2" = 1'-0"

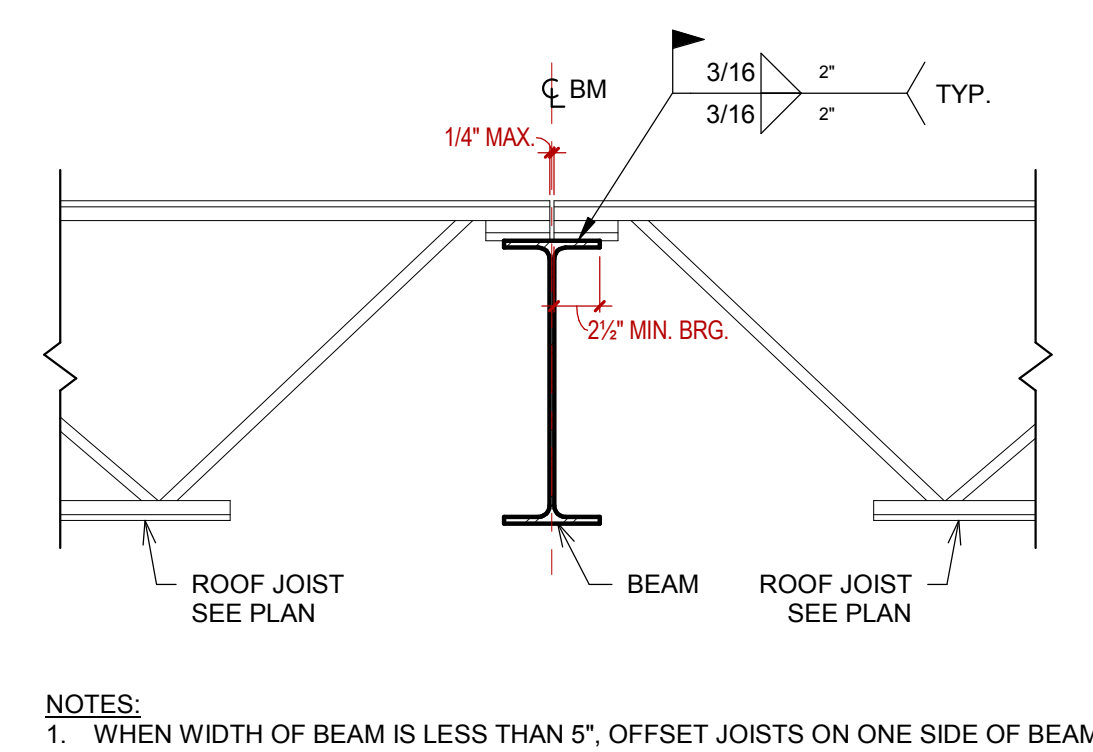
NOTES:
1. CONNECTION TYPE UTILIZED IS CONTRACTORS OPTION IN ORDER TO AVOID INTERFERENCE AT FRAMING DIRECTION CHANGES.
2. WF BEAM TO HSS COLUMN CONNECTIONS TO BE SLIP CRITICAL.



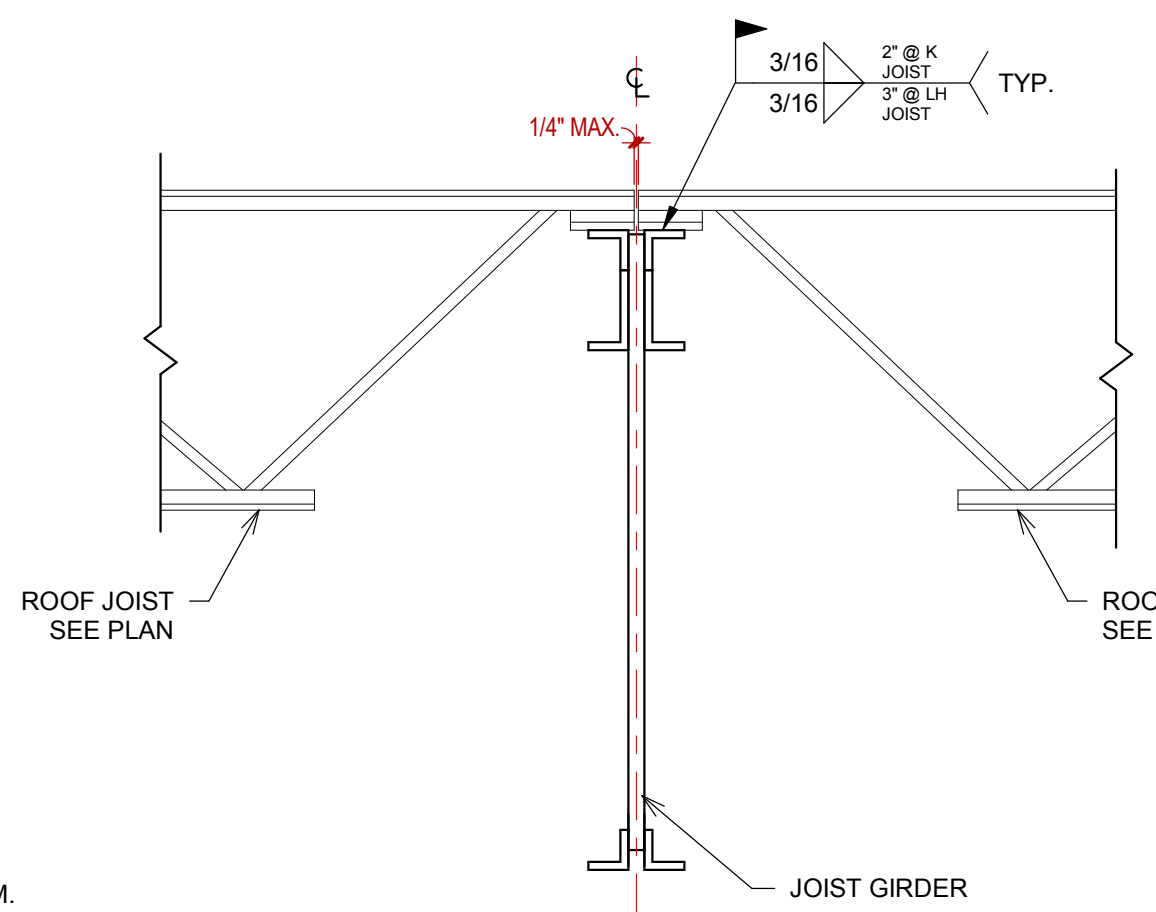
⑨ JOIST CONNECTION @ WF COL
1" = 1'-0"



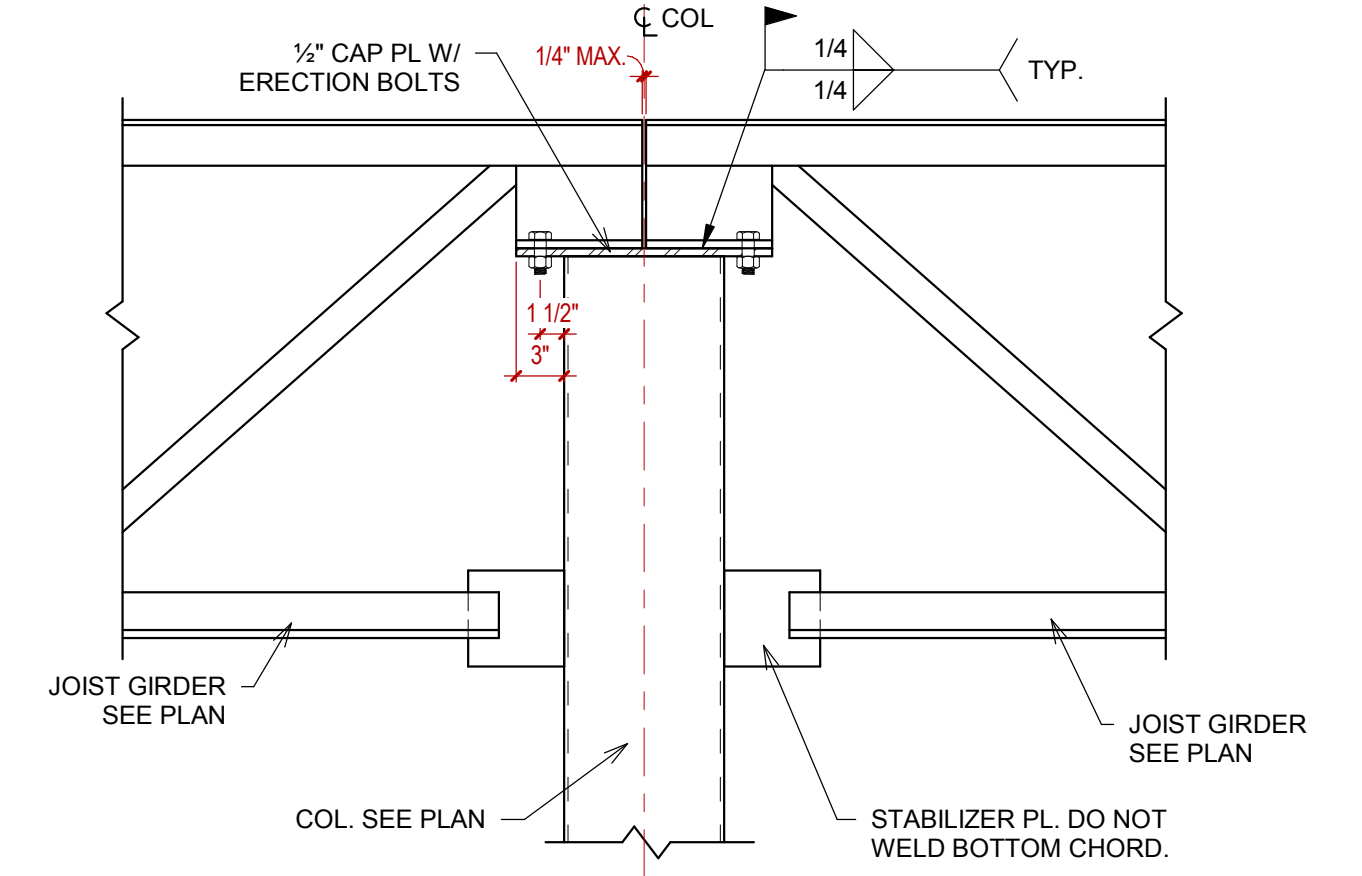
⑧ JOIST CONNECTION @ HSS COL
1" = 1'-0"



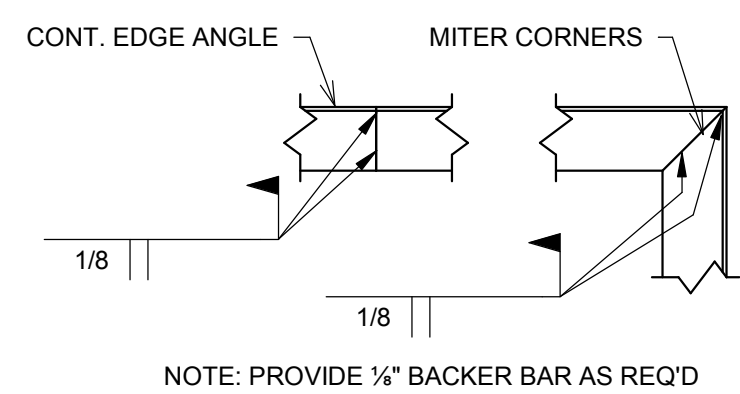
⑦ TYP. JOIST CONNECTION @ WF BEAM
1" = 1'-0"



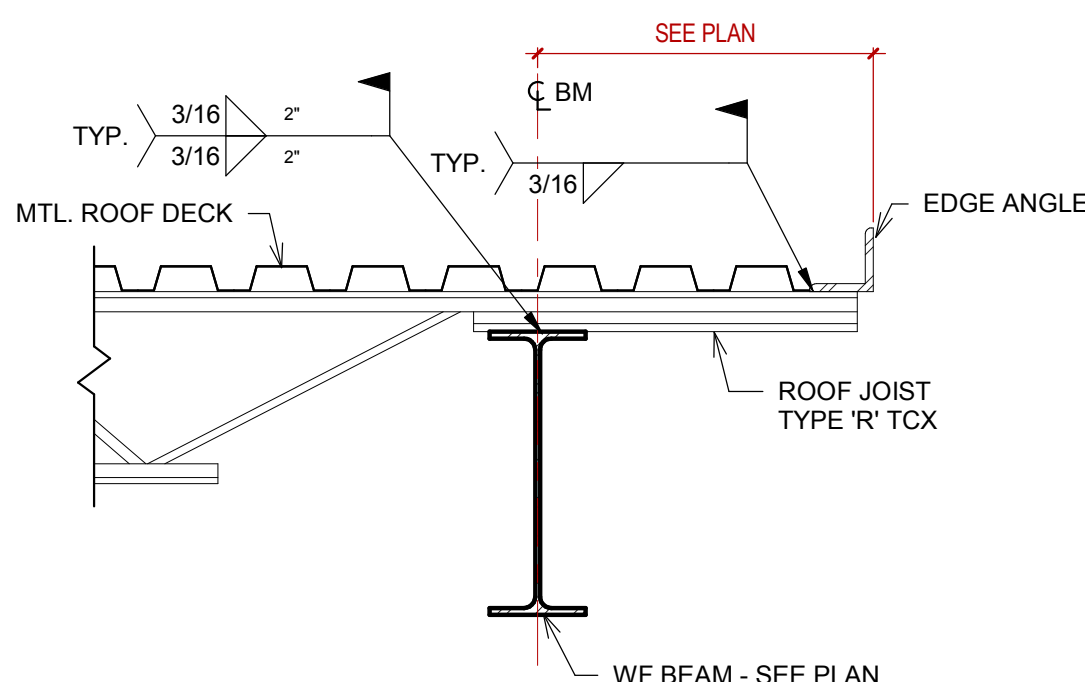
⑥ TYP. JOIST CONNECTION @ GIRDER
1" = 1'-0"



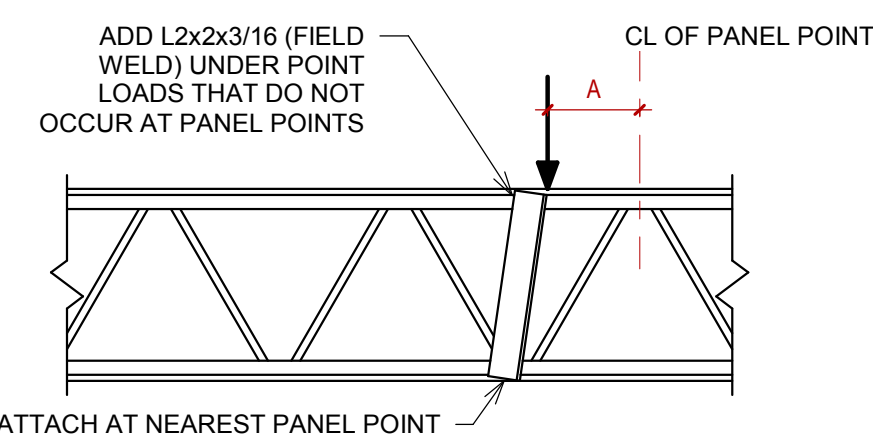
⑤ TYP. JOIST GIRDER CONNECTION @ HSS COLUMN
1" = 1'-0"



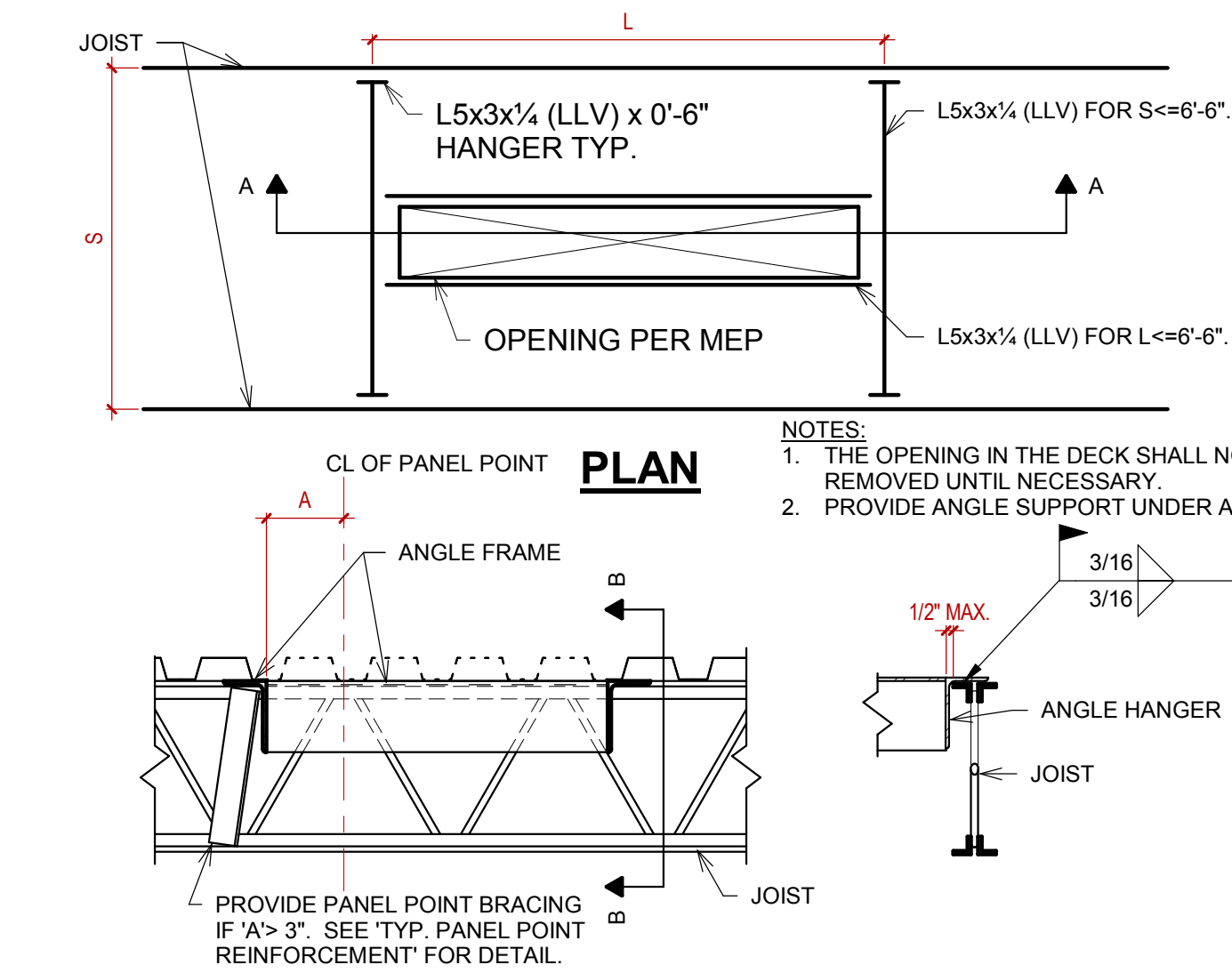
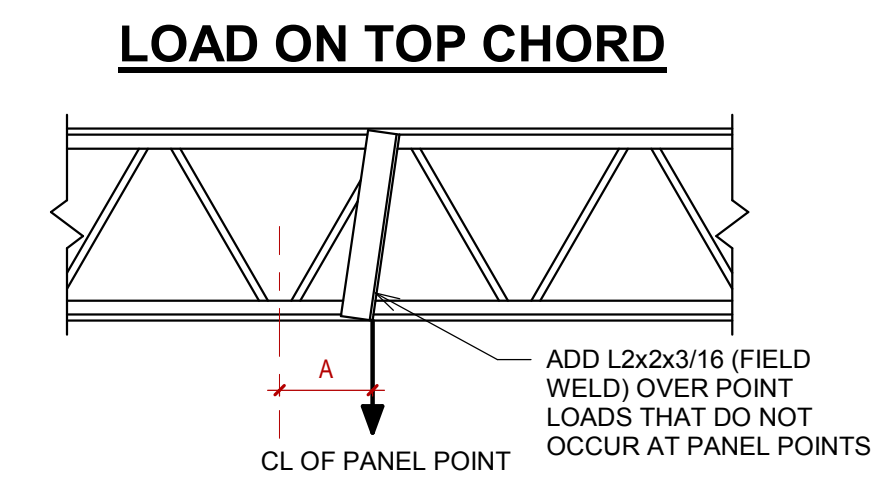
⑬ PERIMETER ANGLE SPLICE
1" = 1'-0"



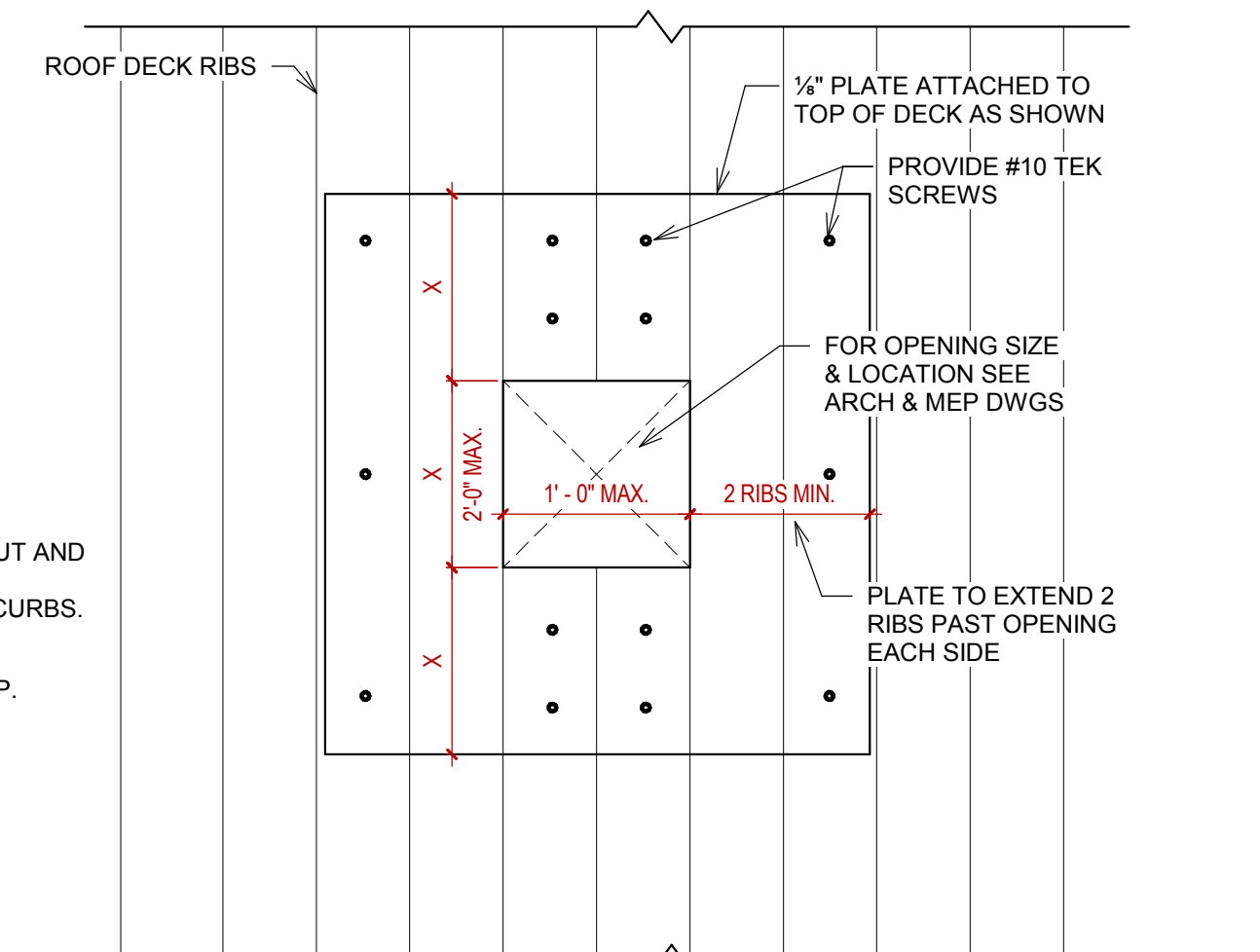
⑫ JOIST EXTENSION @ WF BEAM
1" = 1'-0"



⑪ TYP. PANEL POINT REINFORCEMENT
1" = 1'-0"

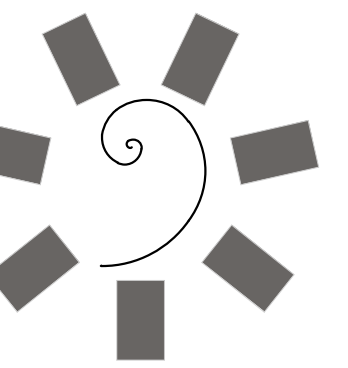


⑩ TYP. ROOF DECK AT OPENINGS
1" = 1'-0"



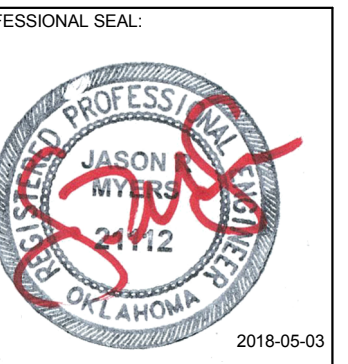
NOTES:
1. NO REINFORCEMENT IS REQUIRED IF OPENING IS 6"x6" OR SMALLER PROVIDED ONLY ONE RIB IS INTERRUPTED.
2. CLUSTERED OPENINGS WITH CLEAR SPACE LESS THAN 1'-0" SHALL BE TREATED AS ONE LARGE OPENING AND PROVIDE THE REINFORCEMENT AS PER DETAIL ABOVE.
3. THIS DETAIL SHALL NOT BE USED TO SUPPORT MECHANICAL EQUIPMENT.

SMALL OPENINGS



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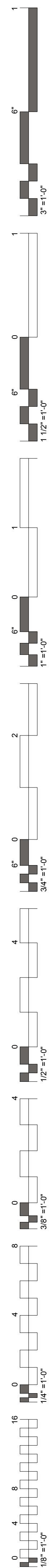
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 02
(100%SET)

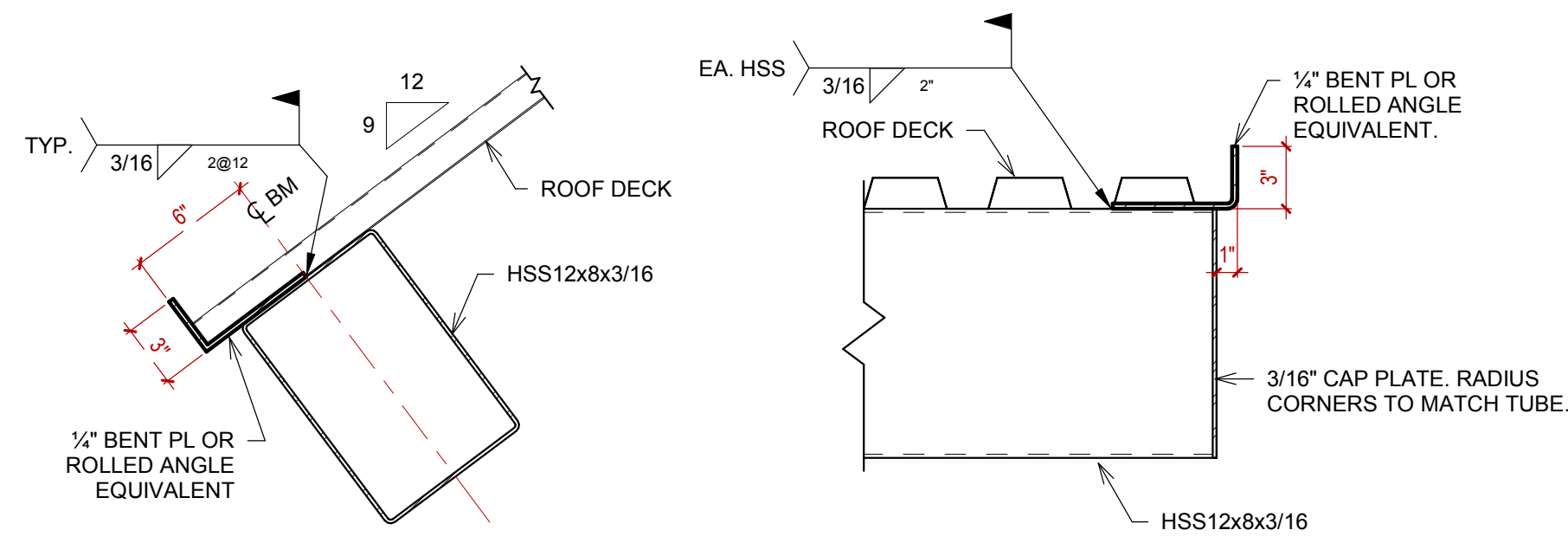
#	DATE	DESCRIPTION
7	05/08/18	ADDENDUM #07
8	05/11/18	ADDENDUM #08

DATE: 04/05/18
JOB NUMBER: 17-06
SHEET NUMBER:

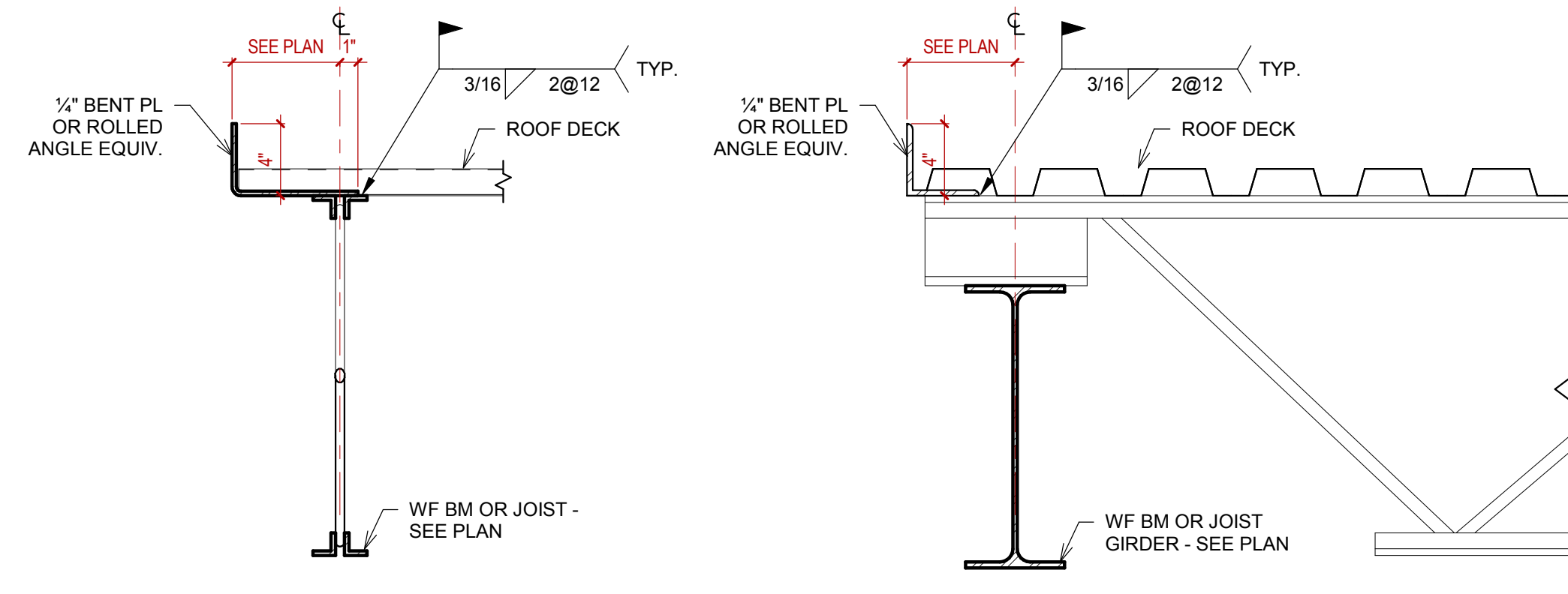
S5.1
STRUCTURAL
DETAILS



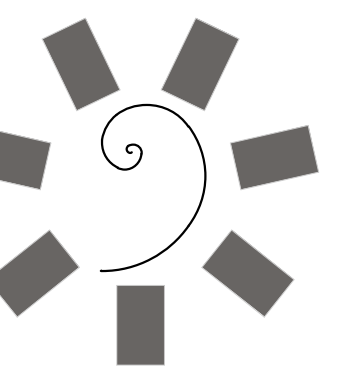
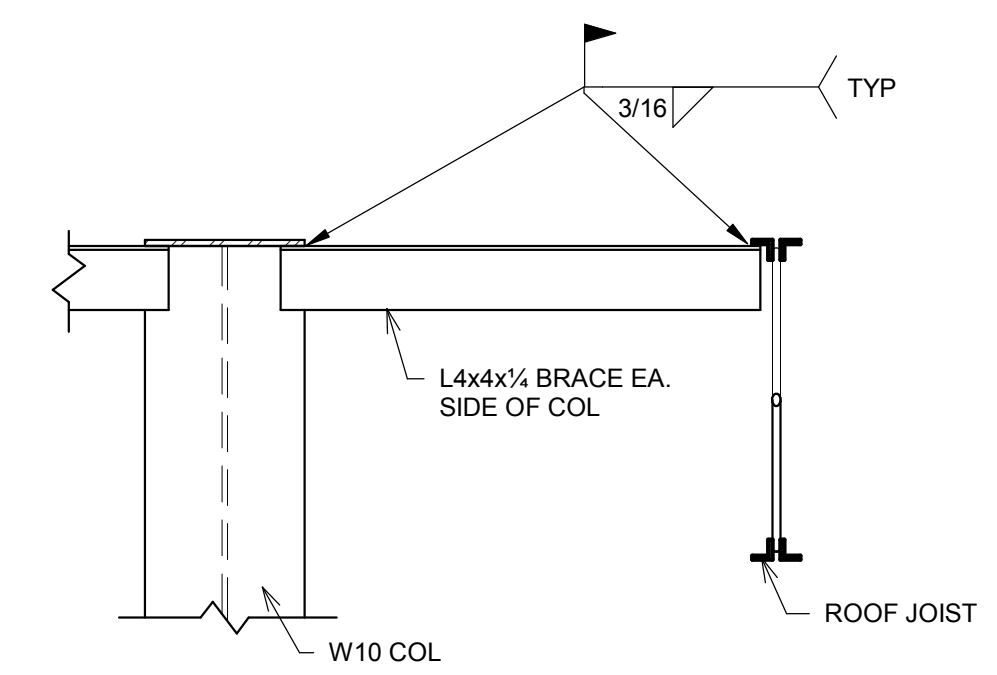
3 PORTE COCHERE EDGE ANGLE
1 1/2" = 1'-0"



2 TYP. ROOF EDGE ANGLE
1 1/2" = 1'-0"



1 DETAIL
1" = 1'-0"



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PROFESSIONAL SEAL

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TAHLEQUAH, OKLAHOMA

PROJECT PHASE

BID PACKAGE 5

#	DATE	DESCRIPTION
8	05/11/18	ADDENDUM #08

DATE: 05/09/18 JOB NUMBER: 17-06

SHEET NUMBER:

S5.3

STRUCTURAL
DETAILS