

James R. Childers Architects, Inc. 45 South 4th Street Fort Smith, AR 72901 479-783-3463 www.childersarchitect.com

PROFESSIONAL SEAL

Myers-Beatty Engineering, PLLC OK CA 4899 2411 Fayetteville Road, Suite B Van Buren, Arkansas 72956 Ph (479) 474-4412 Fax (479) 474-4413 www.myers-engr.com

CONSULTANT LOGO

CHEROKEE NATION Entertainment CASINO

CLIENT: CHEROKEE NATION Entertainment



CHEROKEE NATION ENTERTAINMENT TAHLEQUAH CASINO

TAHLEQUAH, OKLAHOMA

PROJECT PHASE: BID PACKAGE 02 (100%SET)

Table with 3 columns: #, DATE, DESCRIPTION. Includes entries for 04/27/18 ADDENDUM #05.

Table with 2 columns: DATE, JOB NUMBER. Includes entries for 03/27/18 and 17-06.

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 CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION...

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...

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... 2. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION ACTIVITIES...

ABBREVIATIONS

Table listing abbreviations and their meanings, such as A.B. ANCHOR BOLT, AFF ABOVE FINISH FLOOR, ARCH. ARCHITECT, etc.

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) WELD ELECTRODES E70XX

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

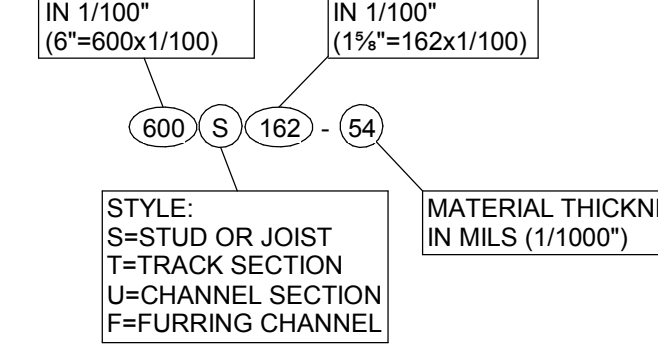
- 1. METAL DECK SHALL COMPLY WITH THE REQUIREMENTS OF THE STEEL DECK INSTITUTE "SPECIFICATIONS AND COMMENTARY FOR STEEL DECK" (LATEST EDITION)... 2. ALL METAL DECK SHALL BE OF CONFIGURATION, DEPTH, AND MINIMUM GA., AS SPECIFIED ON THE DRAWINGS...

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...

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...

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. Shows values for 4,000 and 3,000 psi concrete strengths.

- 2. ALL FOUNDATION CONCRETE SHALL BE 4-6% AIR ENTRAINED, SLAB CONCRETE SHALL NOT HAVE ENTRAINED AIR, U.N.O. 3. THE SLUMP OF ALL CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED...

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. WIRE FABRIC SHALL BE SUPPLIED IN SHEETS. ROLLED FABRIC WILL NOT BE ACCEPTED...

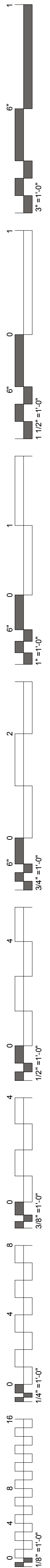
Table with columns: BAR SIZE, TOP BARS CLASS A, CLASS B, OTHER BARS CLASS A, CLASS B, COMPRESSION SPLICES (IN.). Lists bar sizes #3 through #11.

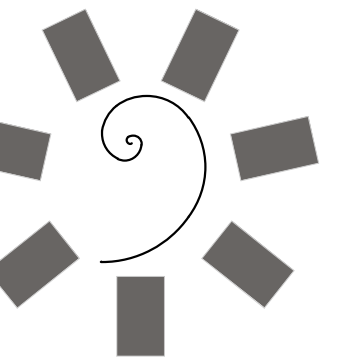
FOUNDATION, SLAB-ON-GRADE - GENERAL

- 1. FOUNDATION DESIGN IS BASED ON THE INFORMATION & RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT PREPARED BY BUILDING & EARTH DATED JANUARY 17, 2018... 2. PIERS ARE DESIGNED FOR A NET ALLOWABLE END BEARING PRESSURE OF 100 KSF IN THE LIMESTONE MATERIAL...

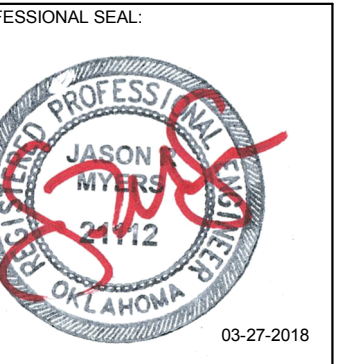
POST-INSTALLED ANCHORS

- 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, AS INCLUDED IN THE ANCHOR PACKAGING...





James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:
Myers-Beatty
Engineering, PLLC
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 72956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

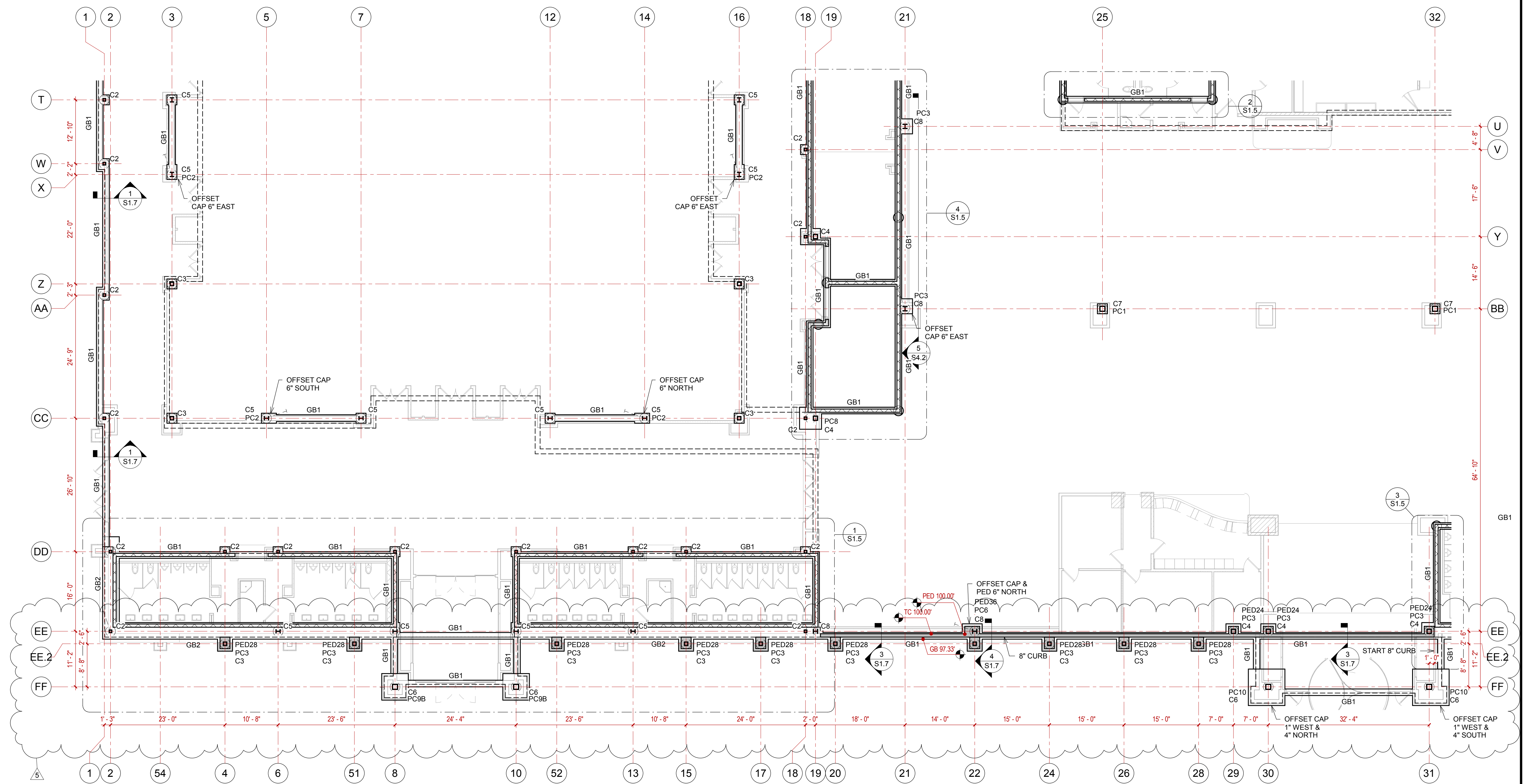
PROJECT PHASE:
BID PACKAGE 02
(100%SET)

REVISIONS		
#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
5	04/27/18	ADDENDUM #05

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

SHEET NUMBER: S1.3

FOUNDATION PLAN
AREA B

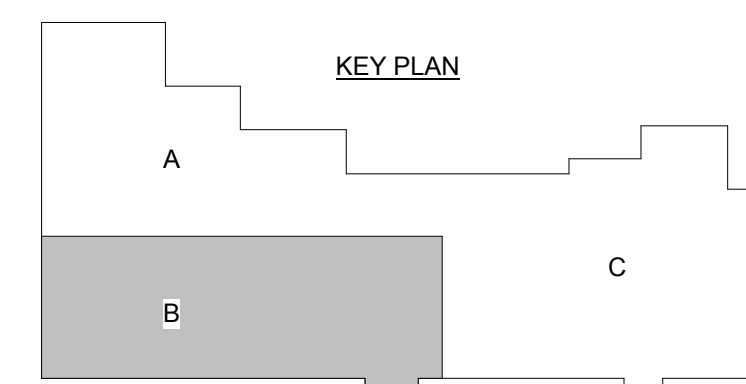


GRADE BEAM SCHEDULE		
FTG MARK	WIDTH	THICKNESS
GB1	1' - 4"	2' - 0"
GB2	3' - 4"	2' - 0"

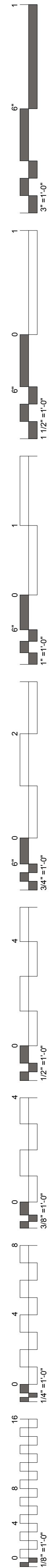
CONCRETE PEDESTAL SCHEDULE		
PED MARK	LENGTH	WIDTH
PED24	2' - 0"	2' - 0"
PED28	2' - 4"	2' - 0"
PED36	3' - 0"	2' - 0"

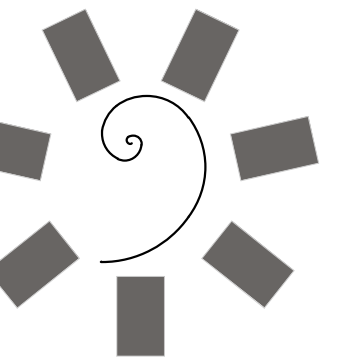
PIER CAP SCHEDULE			
CAP MARK	LENGTH	WIDTH	HEIGHT
PC1	2' - 0"	2' - 0"	2' - 0"
PC2	3' - 0"	2' - 0"	2' - 0"
PC3	3' - 0"	3' - 0"	2' - 0"
PC4	3' - 2"	3' - 2"	4' - 0"
PC5	4' - 0"	2' - 0"	2' - 0"
PC6	4' - 0"	3' - 0"	2' - 0"
PC7	4' - 0"	3' - 3"	2' - 0"
PC8	4' - 5"	4' - 5"	2' - 0"
PC9A	5' - 4"	5' - 4"	2' - 0"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

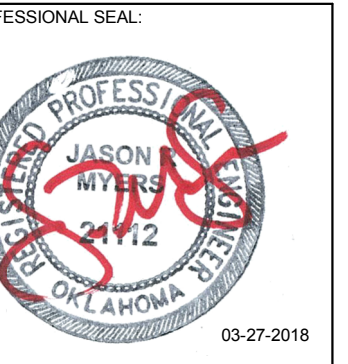


1 FOUNDATION PLAN - AREA B
3/32" = 1'-0"





James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:
Myers-Beatty
Engineering, PLLC
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 72956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CLIENT:
CHEROKEE NATION
Entertainment
Cherokee
CASINO
TAHLEQUAH, OKLAHOMA

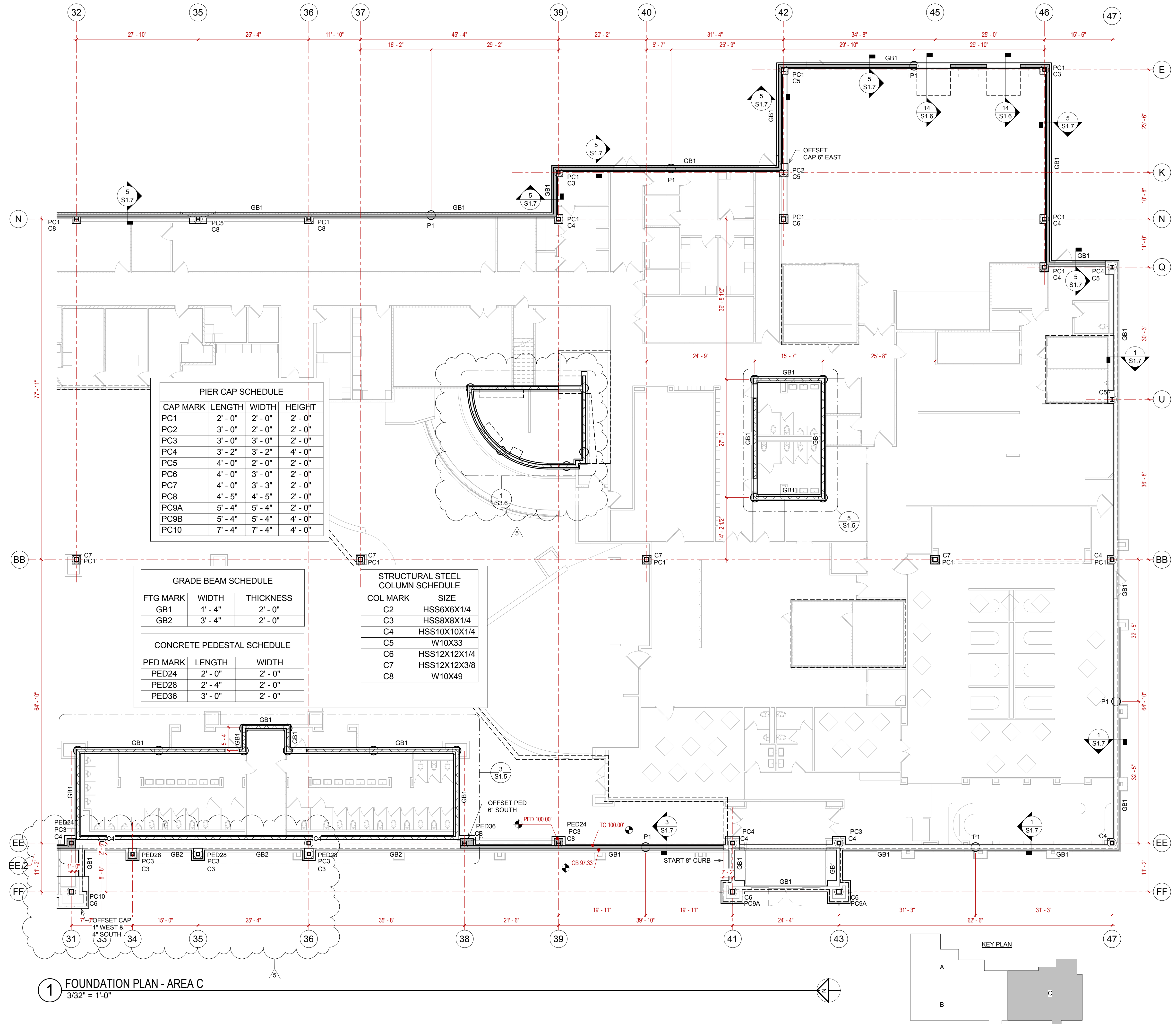
PROJECT PHASE:
BID PACKAGE 02
(100%SET)

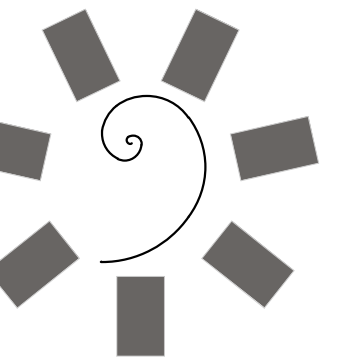
#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
5	04/27/18	ADDENDUM #05

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

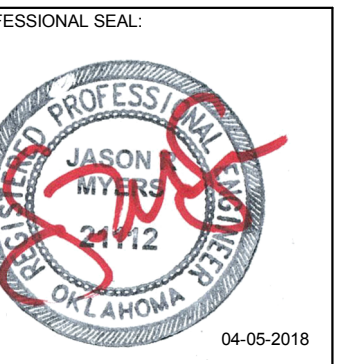
SHEET NUMBER: S1.4

FOUNDATION PLAN
AREA C





James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO

Myers-Beatty
Engineering, PLLC
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 72956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

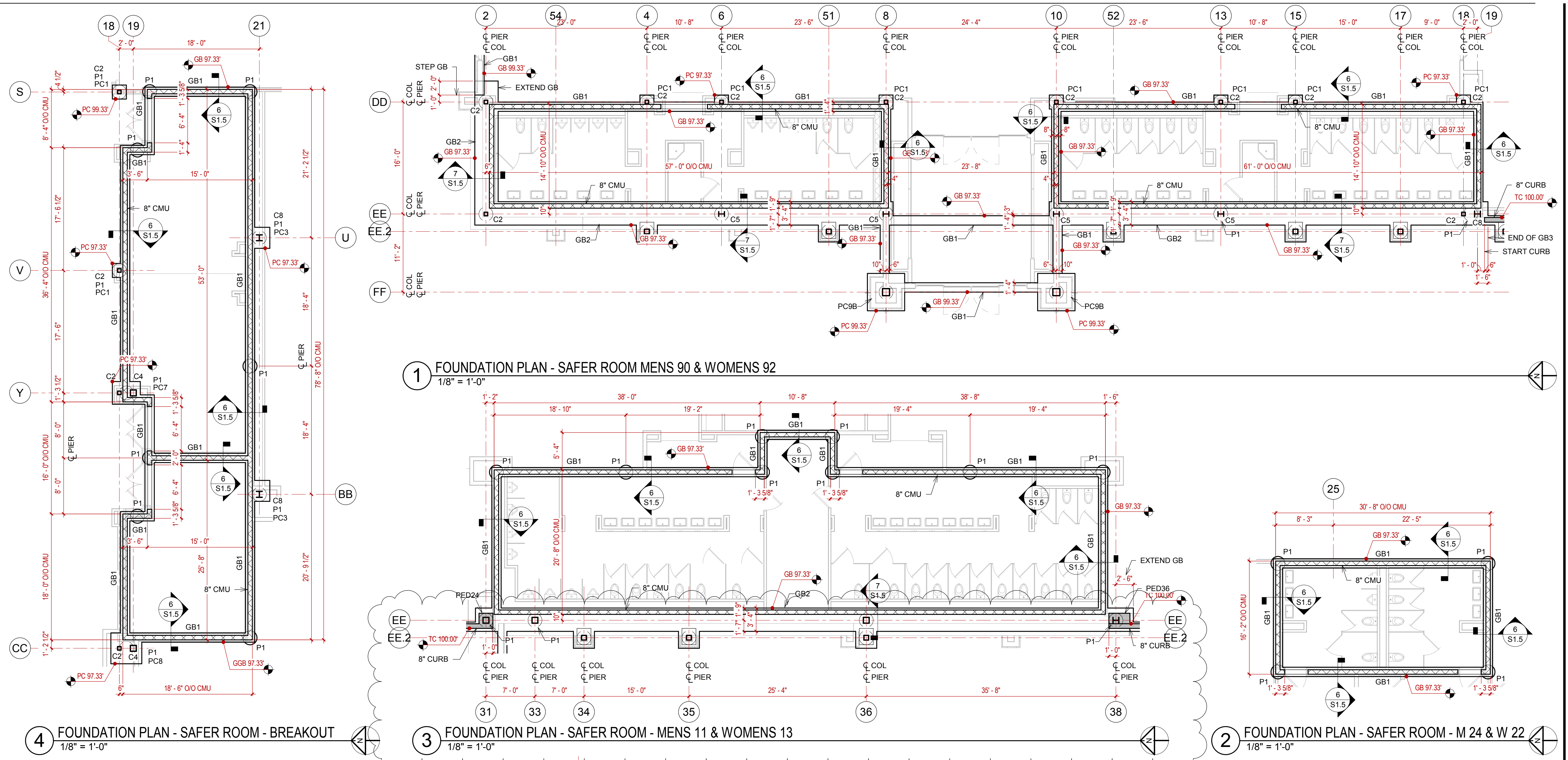
PROJECT PHASE
BID PACKAGE 02
(100%SET)

#	DATE	DESCRIPTION
5	04/27/18	ADDENDUM #05

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

S1.5

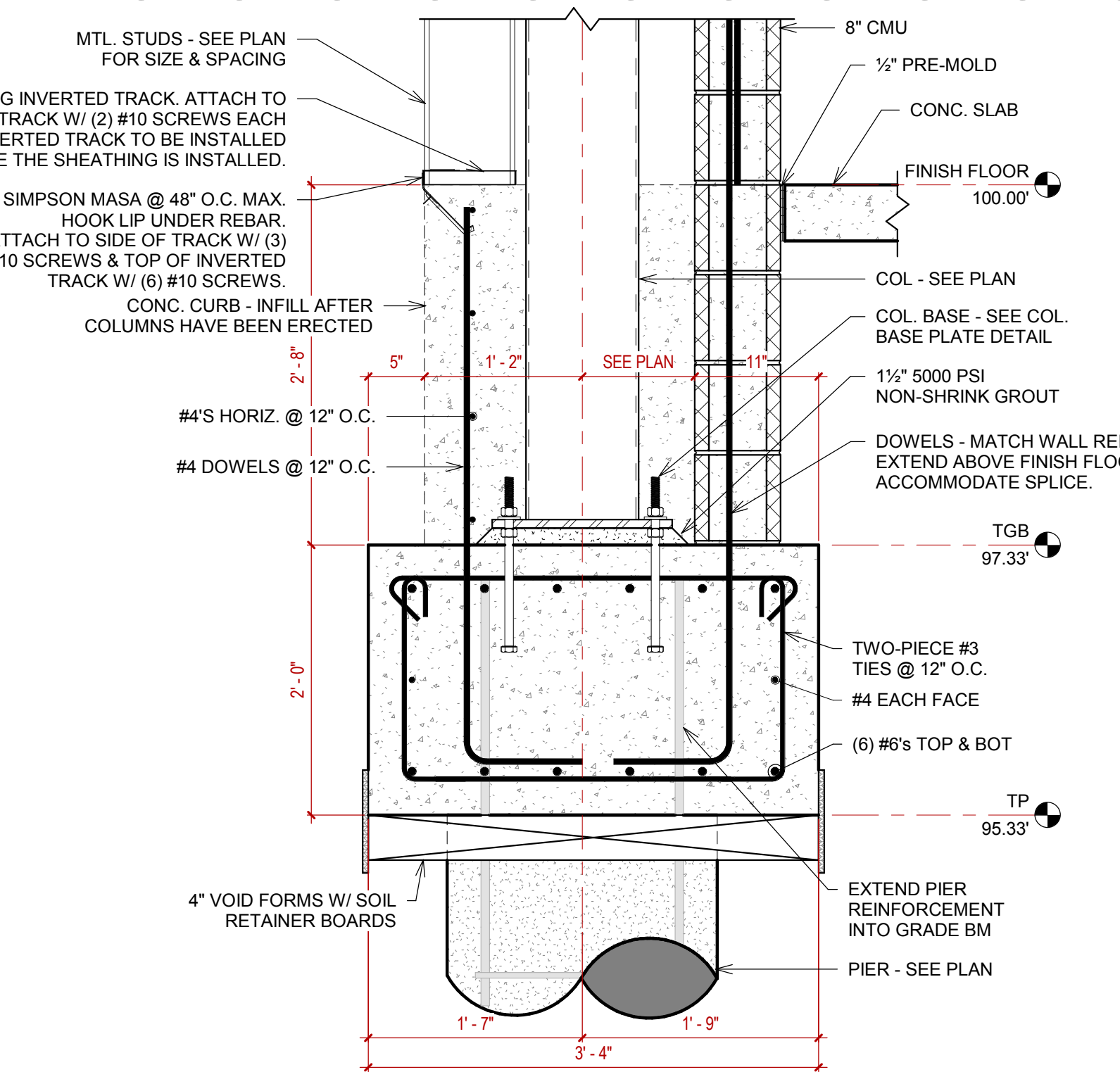
SAFER ROOM FOUNDATION PLANS



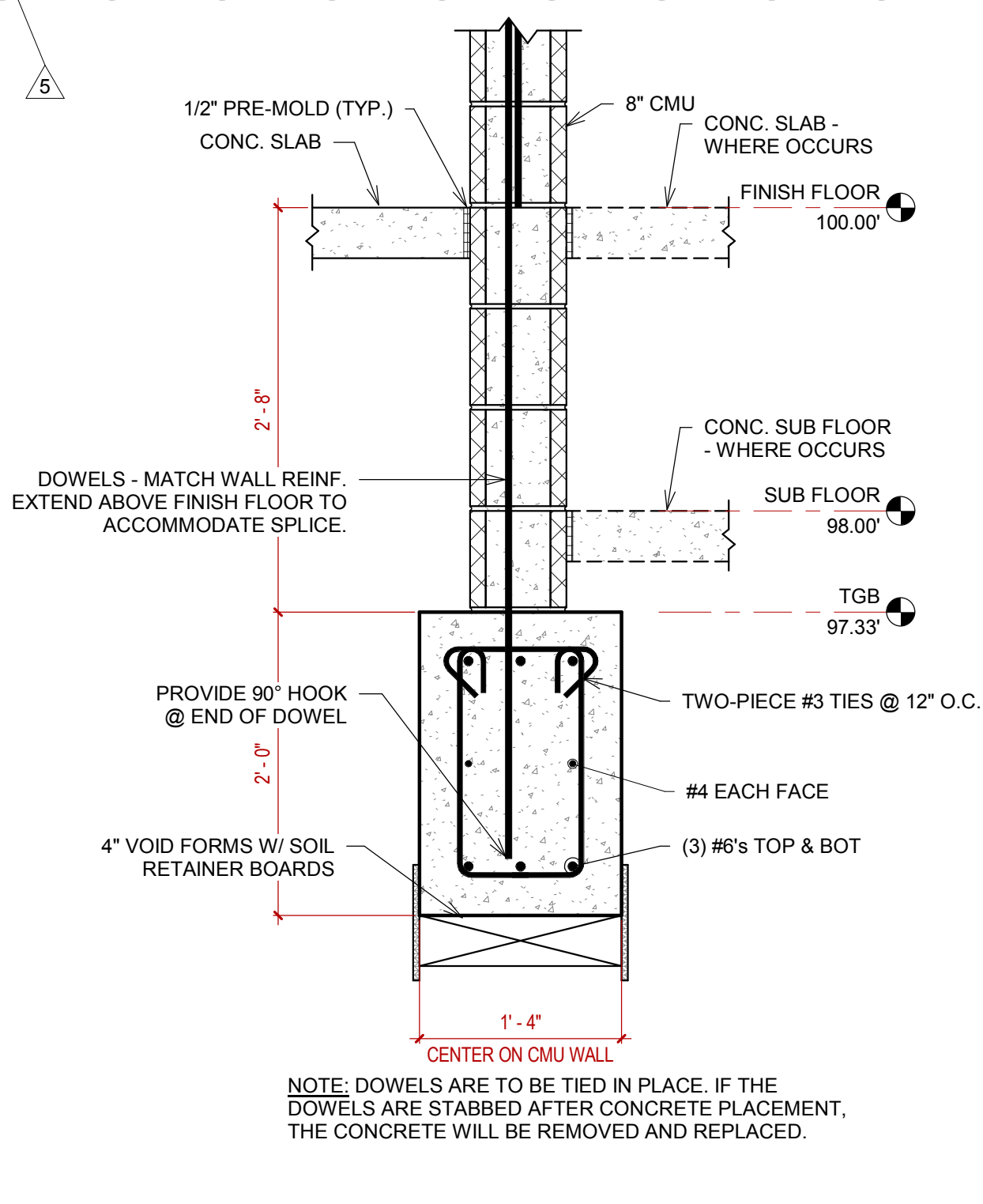
STRUCTURAL STEEL COLUMN SCHEDULE	
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

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"

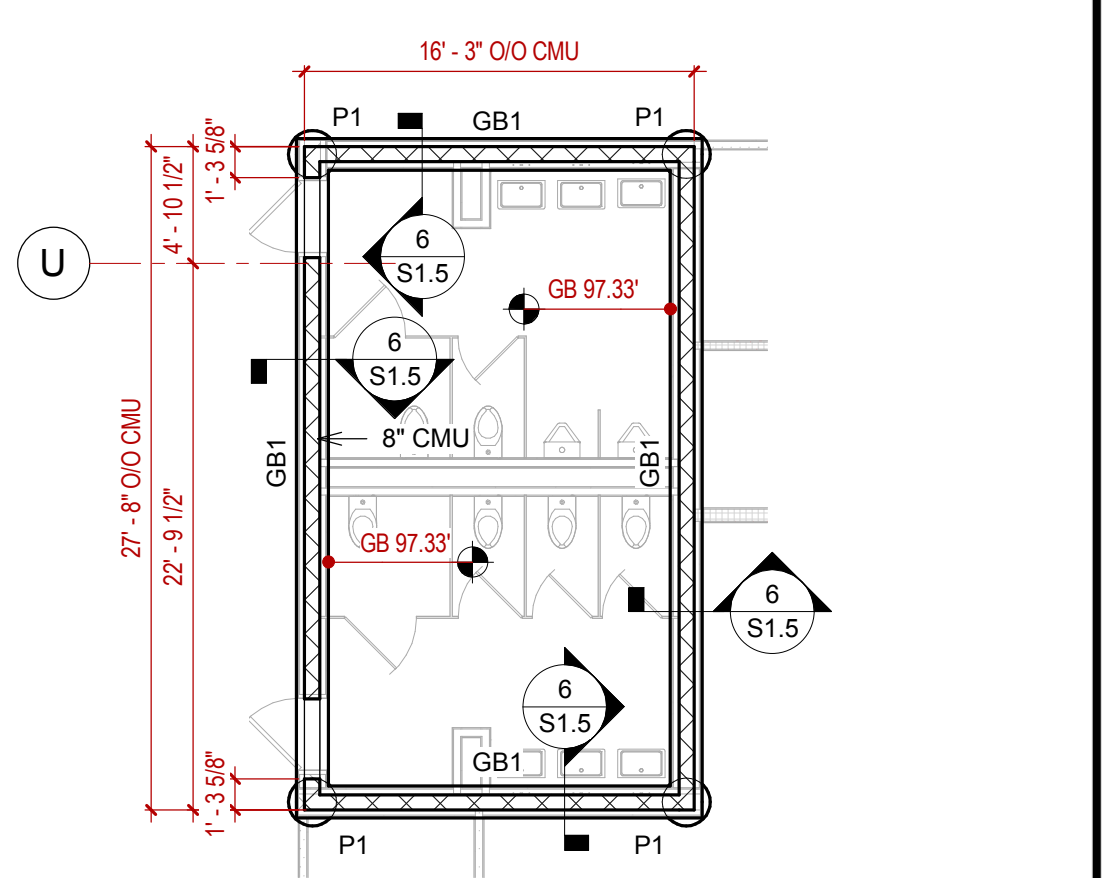
GRADE BEAM SCHEDULE		
FTG MARK	WIDTH	THICKNESS
GB1	1'-4"	2'-0"
GB2	3'-4"	2'-0"



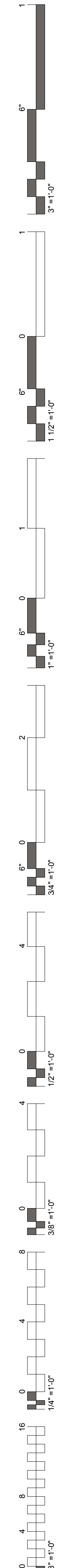
4 40X24 GRADE BM W/ CMU
1" = 1'-0"

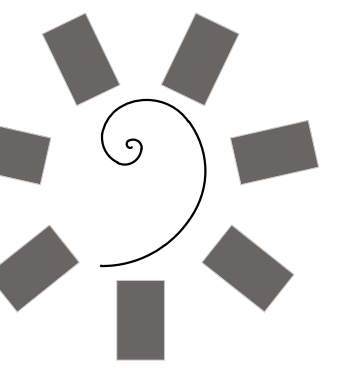


6 INTERIOR CMU WALL FTG.
1" = 1'-0"

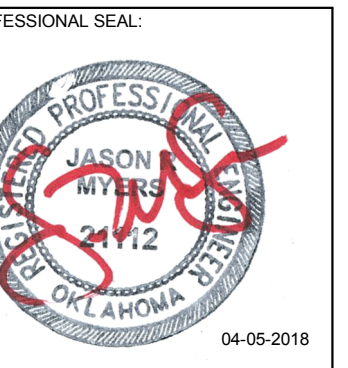


5 FOUNDATION PLAN - SAFER ROOM - M 73 & W 74
1/8" = 1'-0"





James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO
Myers-Beatty
Engineering, PLLC
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 72956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

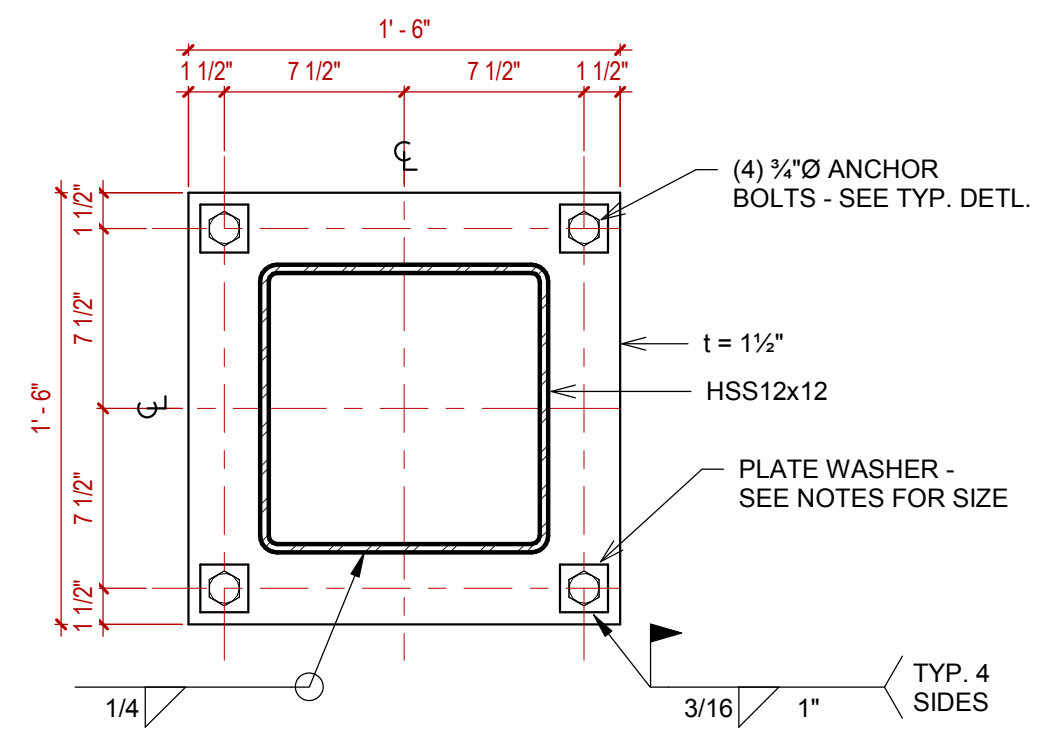
PROJECT PHASE
BID PACKAGE 02
(100%SET)

#	DATE	REVISIONS DESCRIPTION
5	04/27/18	ADDENDUM #05

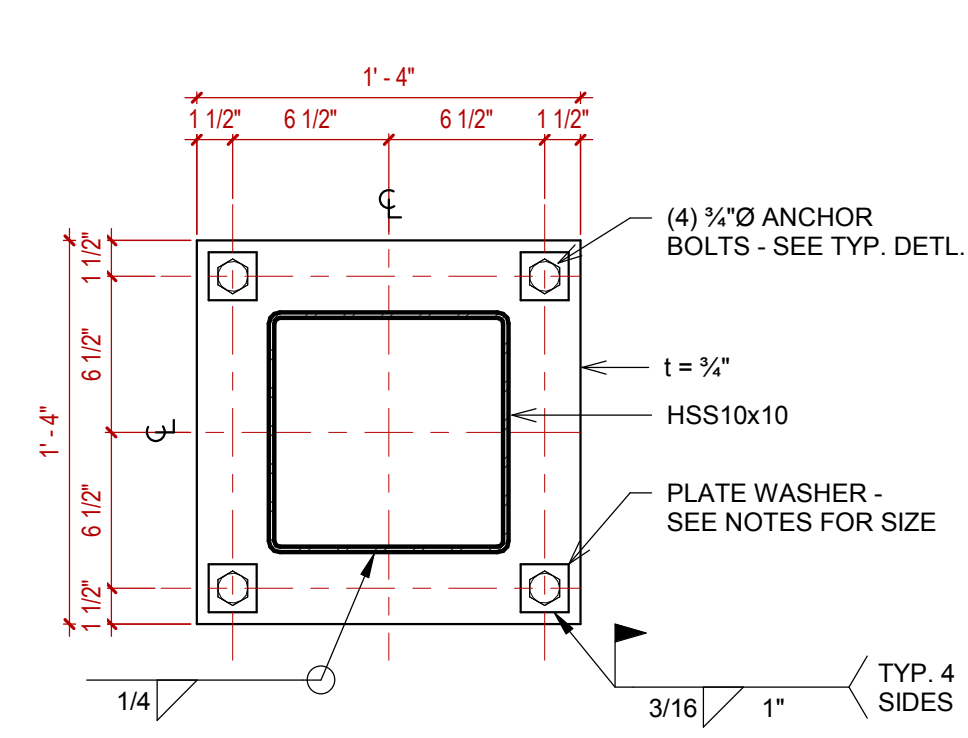
DATE: 04/05/18
JOB NUMBER: 17-06
SHEET NUMBER:

S1.6

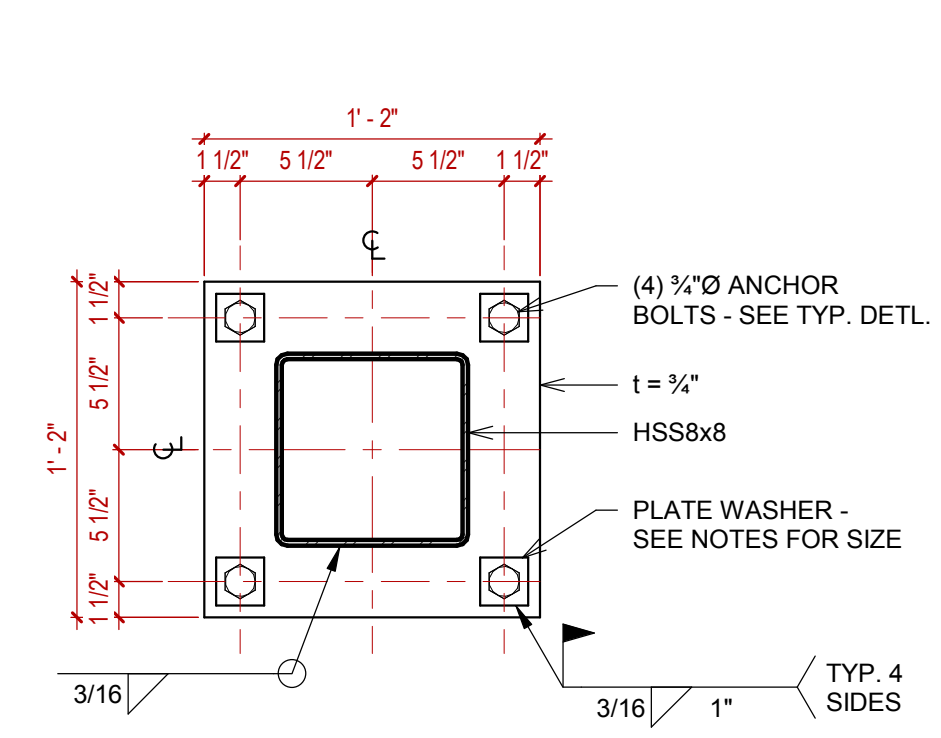
FOUNDATION
DETAILS



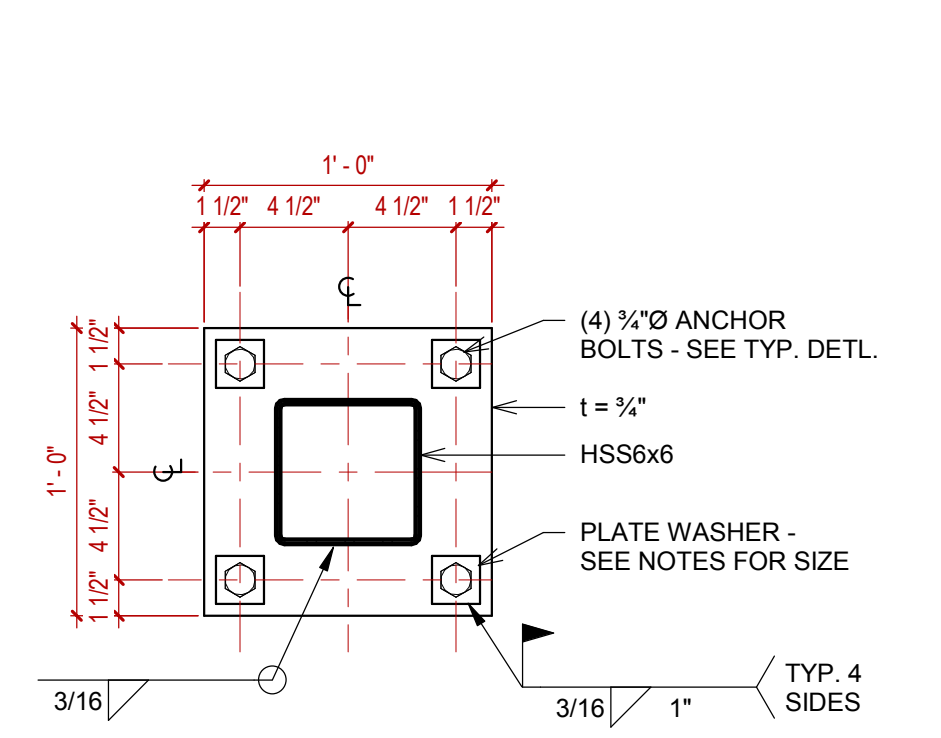
4 BASE PLATE - HSS12x12
1 1/2" = 1'-0"



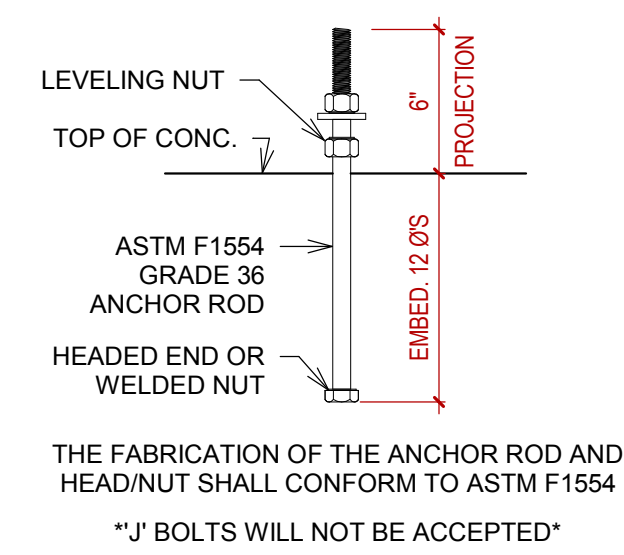
3 BASE PLATE - HSS10x10
1 1/2" = 1'-0"



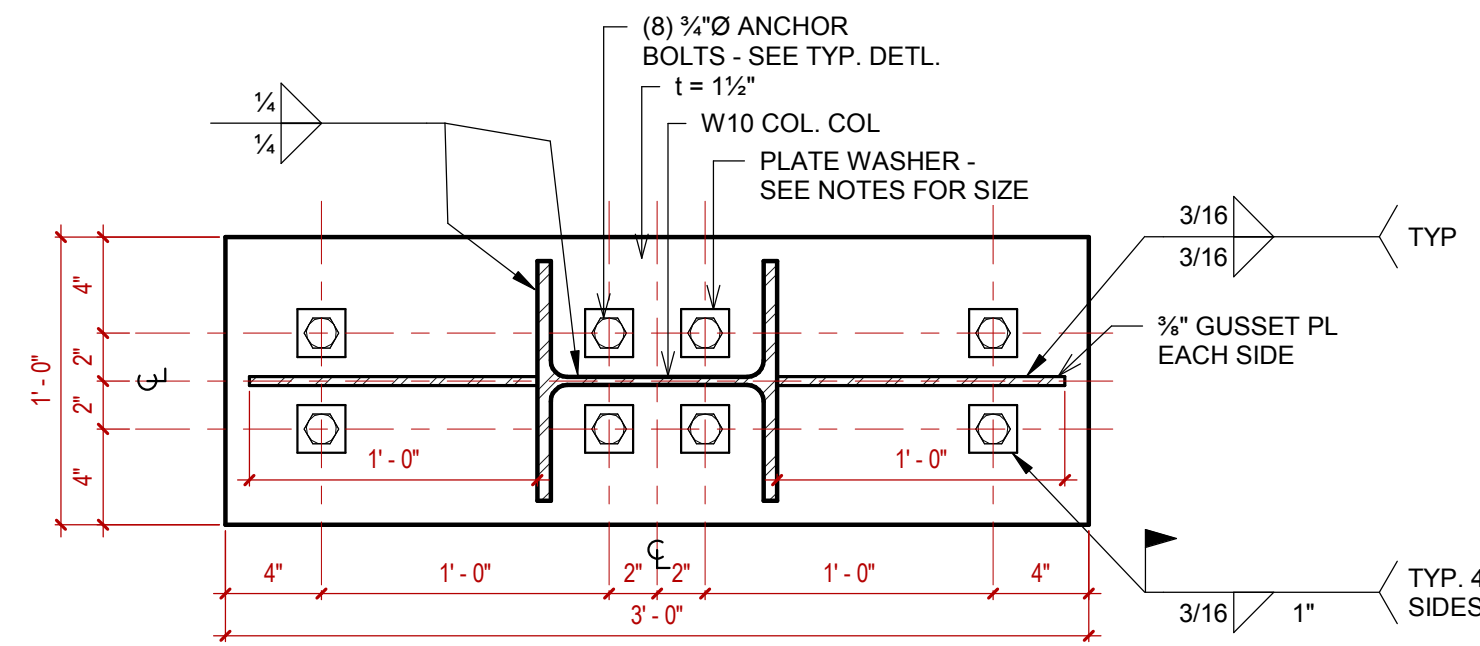
2 BASE PLATE - HSS8x8
1 1/2" = 1'-0"



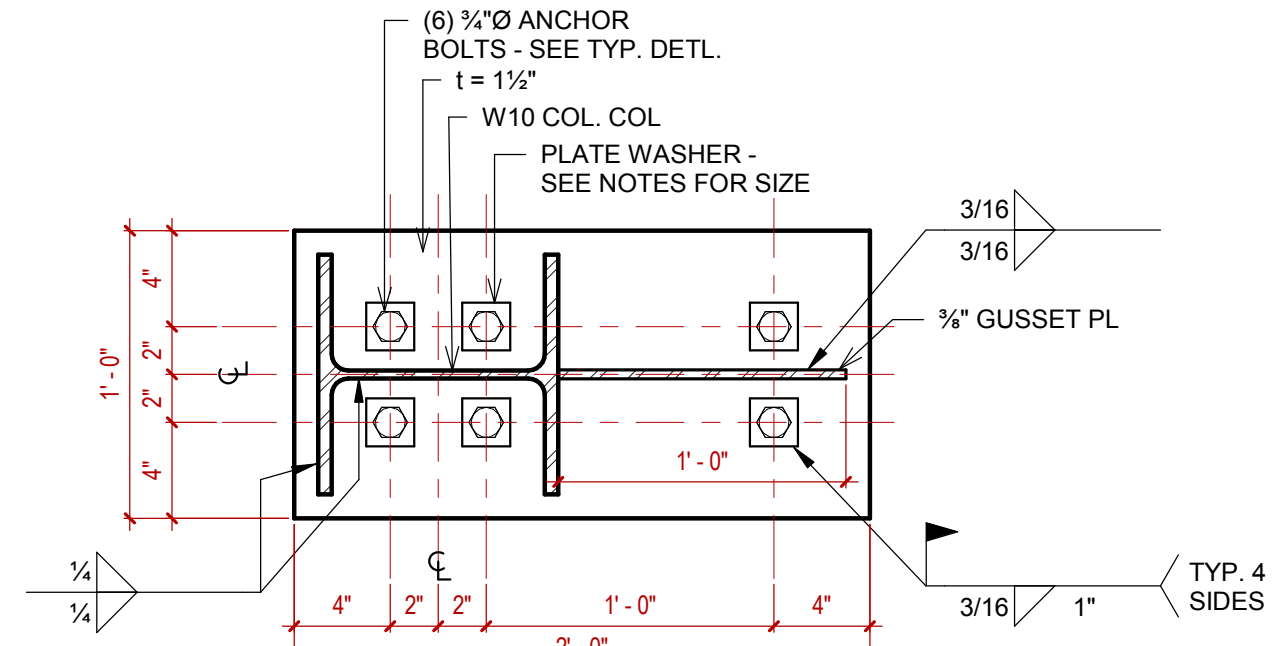
1 BASE PLATE - HSS6x6
1 1/2" = 1'-0"



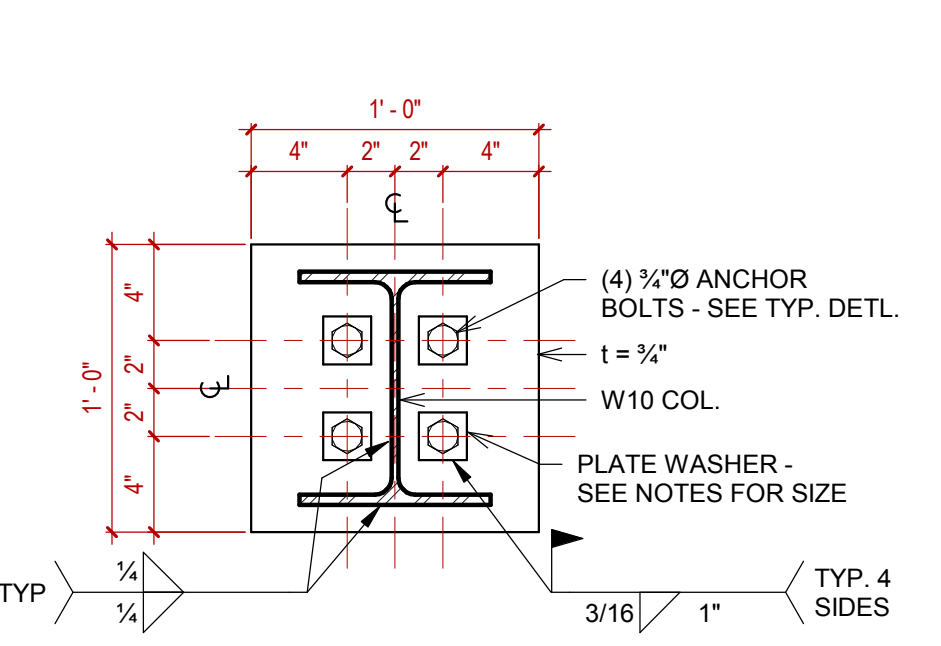
8 TYP. ANCHOR BOLT
1 1/2" = 1'-0"



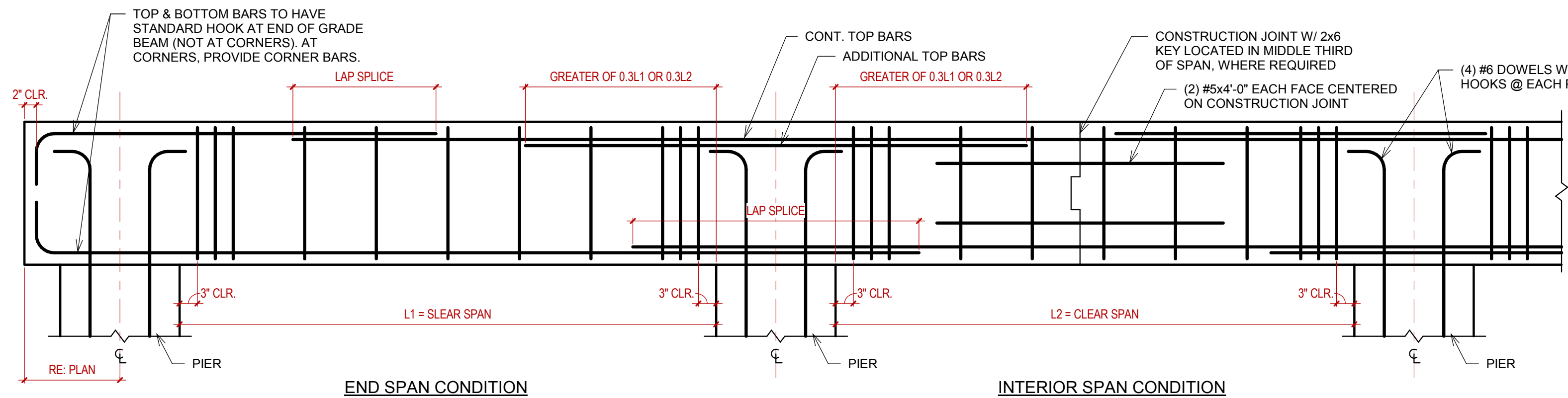
7 BASE PLATE - W10 w/ 2 BRACES
1 1/2" = 1'-0"



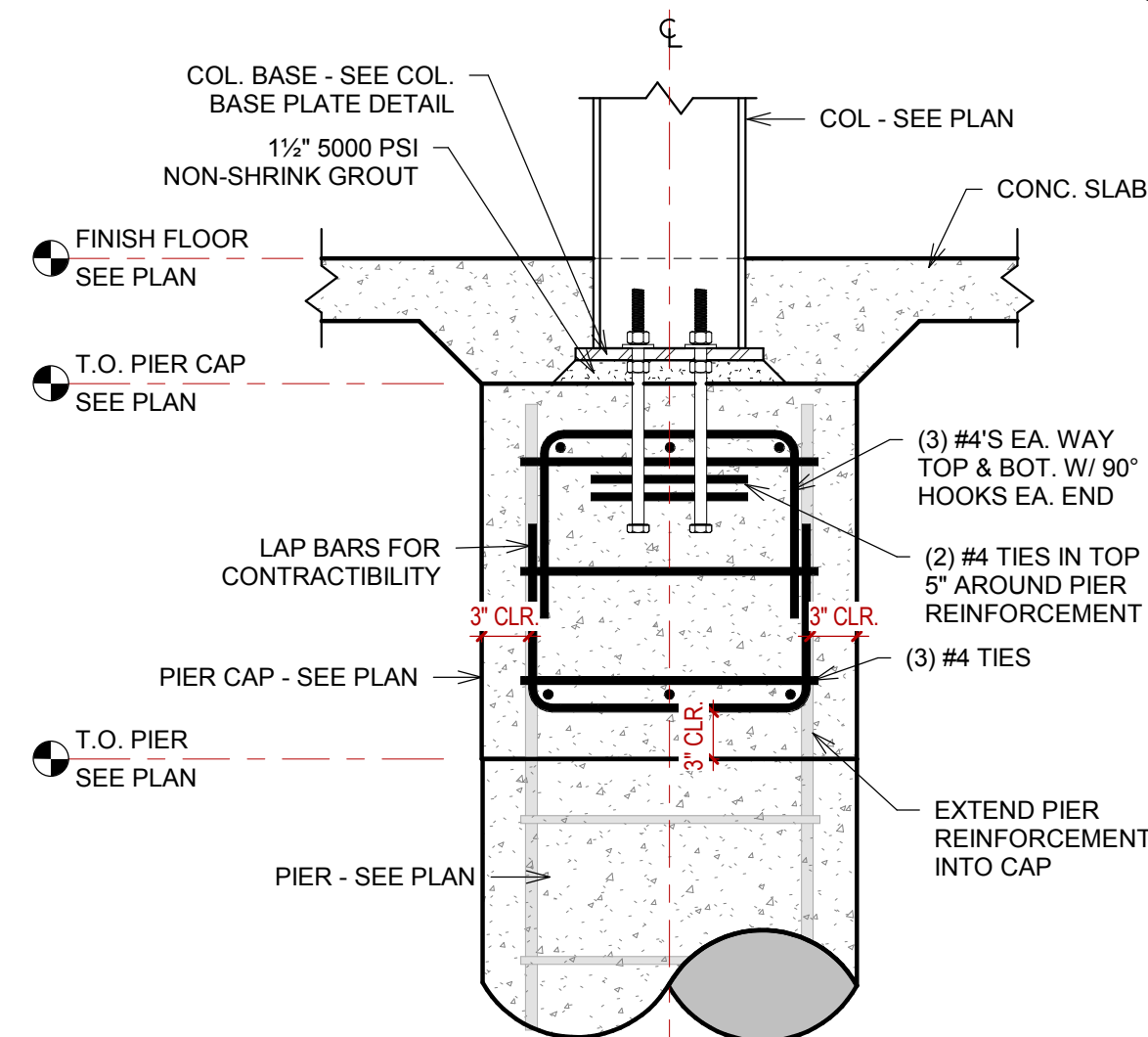
6 BASE PLATE - W10 w/ BRACE
1 1/2" = 1'-0"



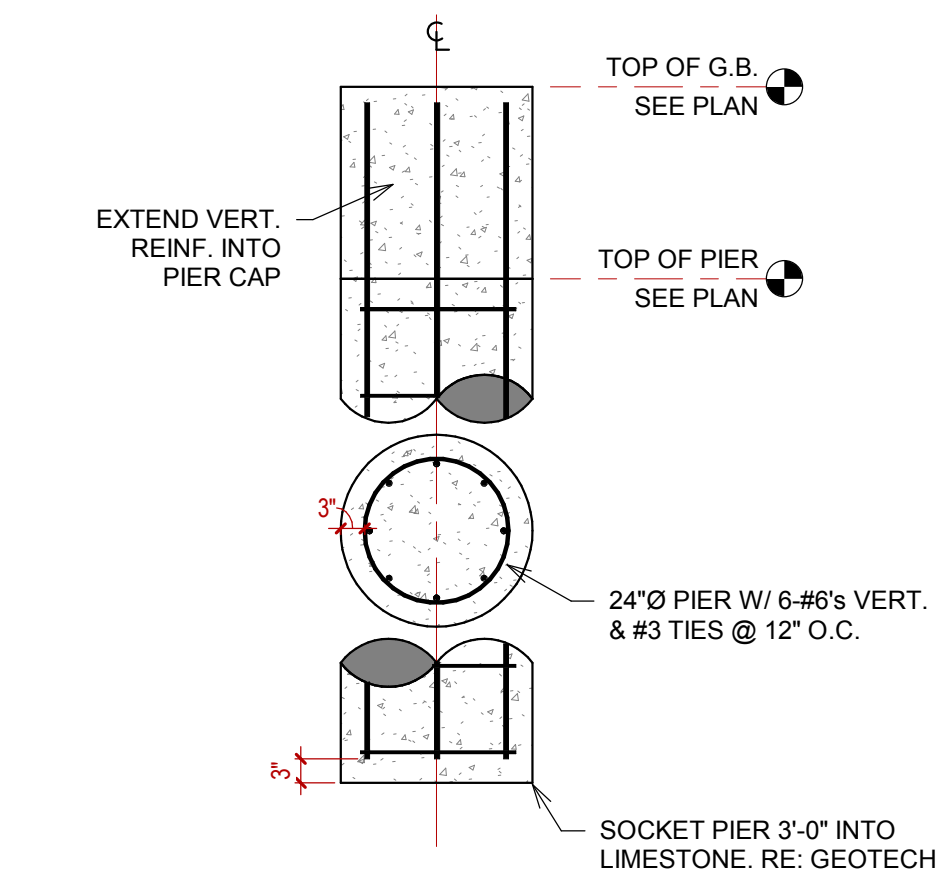
5 BASE PLATE - W10
1 1/2" = 1'-0"



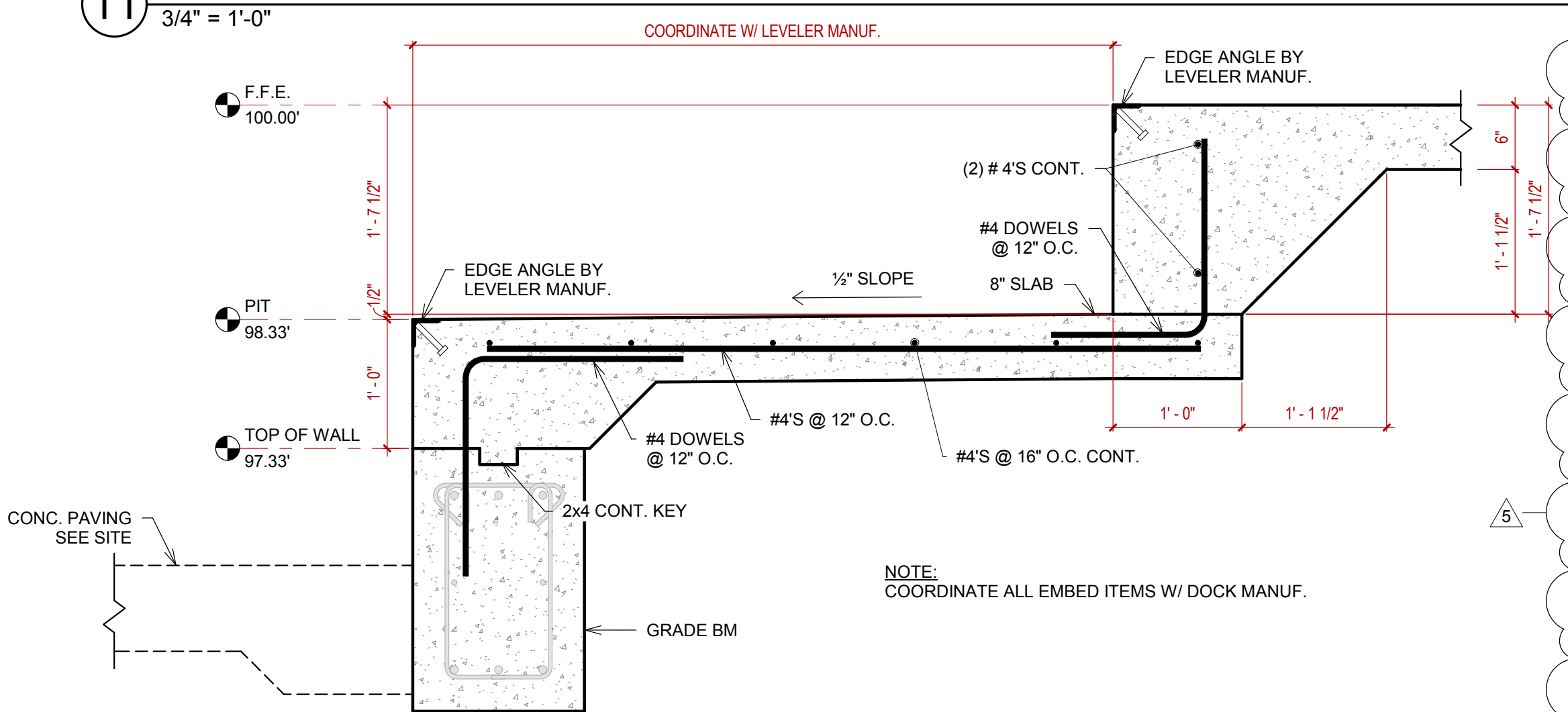
11 GRADE BEAM DIAGRAM
3/4" = 1'-0"



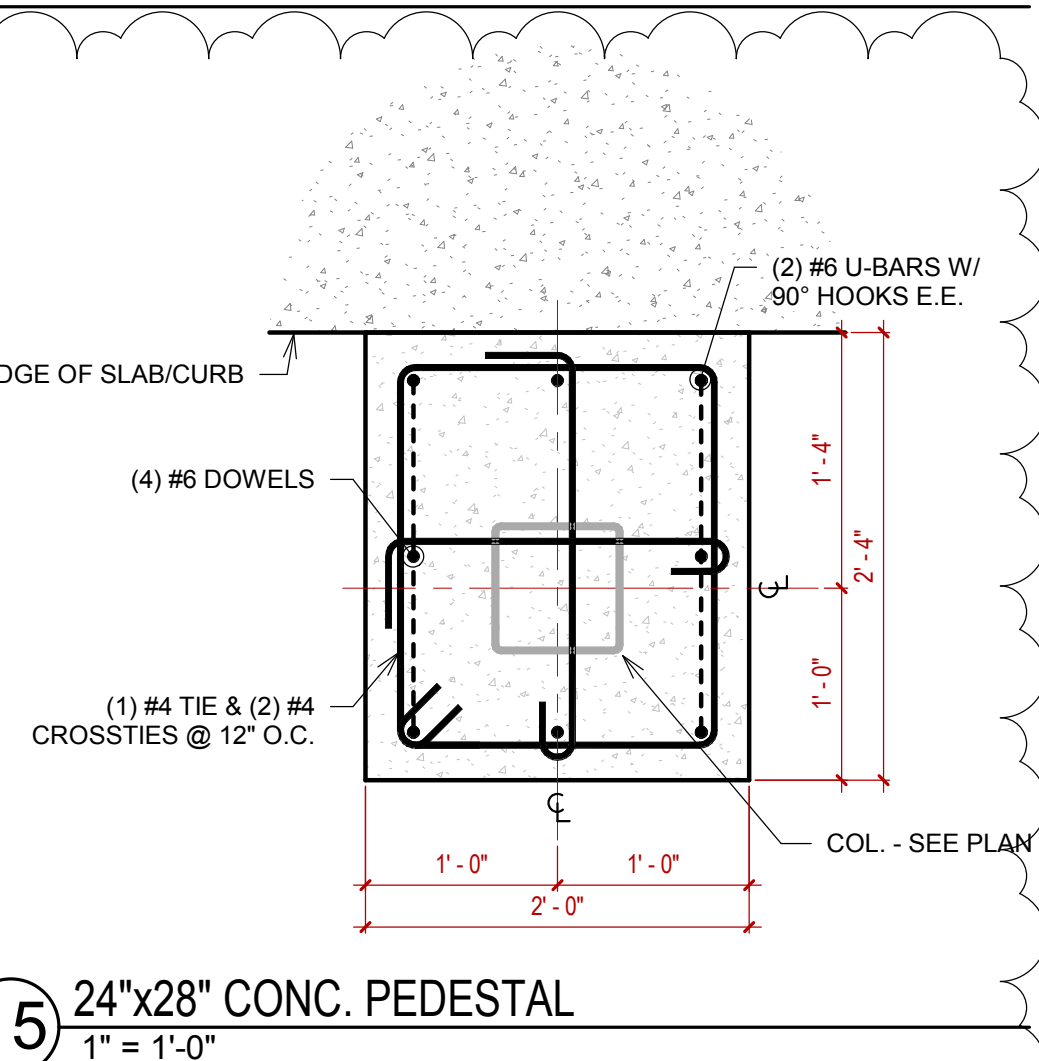
10 TYP. INTERIOR PIER CAP
1" = 1'-0"



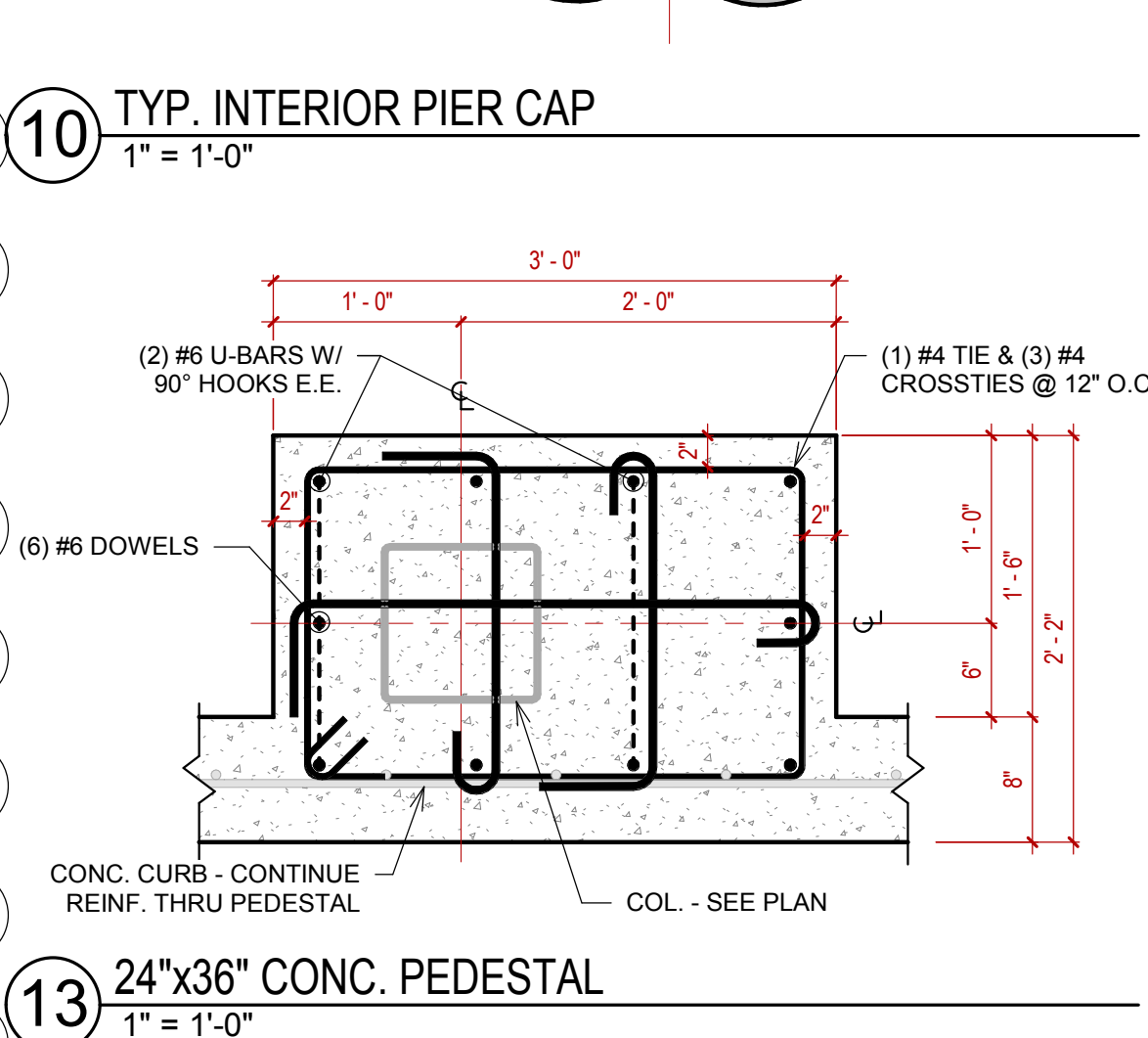
9 TYP. DRILLED PIER
1/2" = 1'-0"



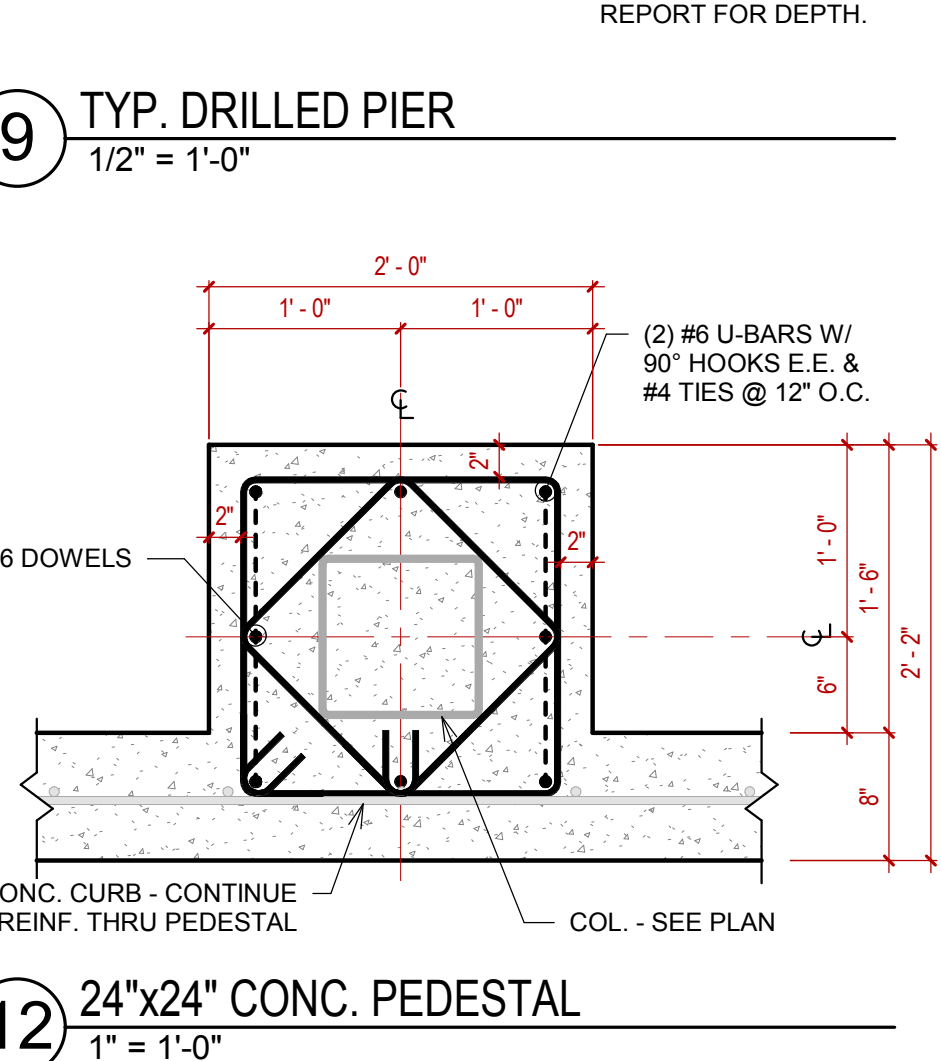
14 TYP. LEVELER PIT
1" = 1'-0"



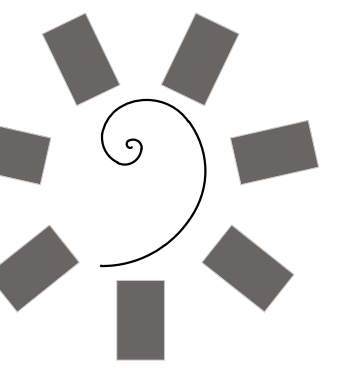
15 24"x28" CONC. PEDESTAL
1" = 1'-0"



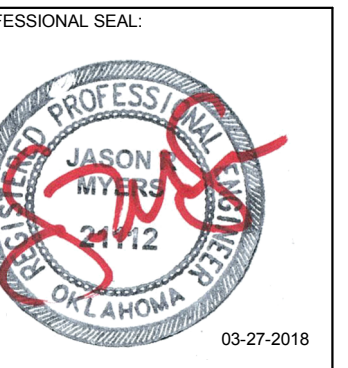
13 24"x36" CONC. PEDESTAL
1" = 1'-0"



12 24"x24" CONC. PEDESTAL
1" = 1'-0"



James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:
**Myers-Beatty
Engineering, PLLC**
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 72956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

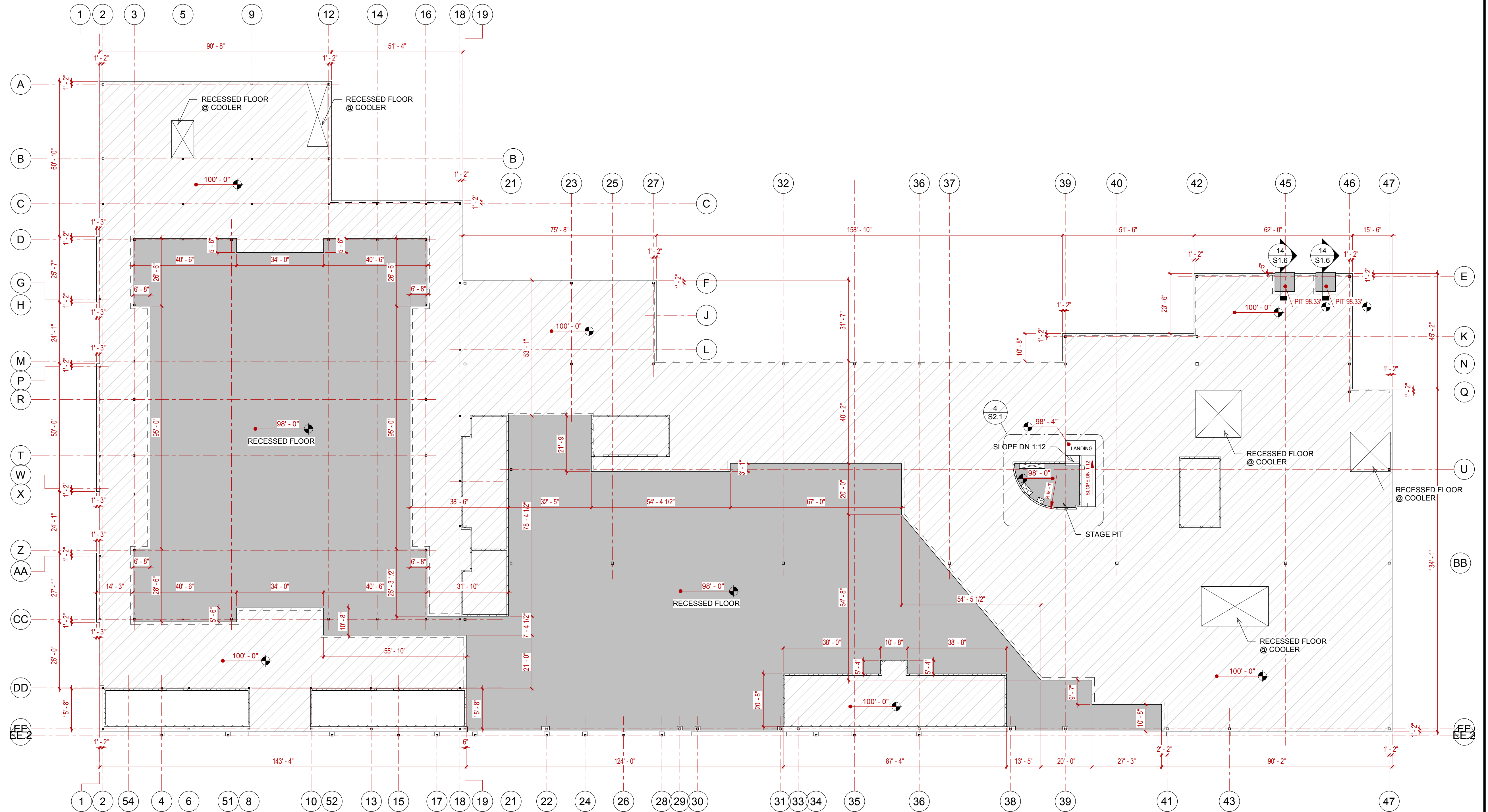
PROJECT PHASE:
**BID PACKAGE 02
(100%SET)**

#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
5	04/27/18	ADDENDUM #05

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

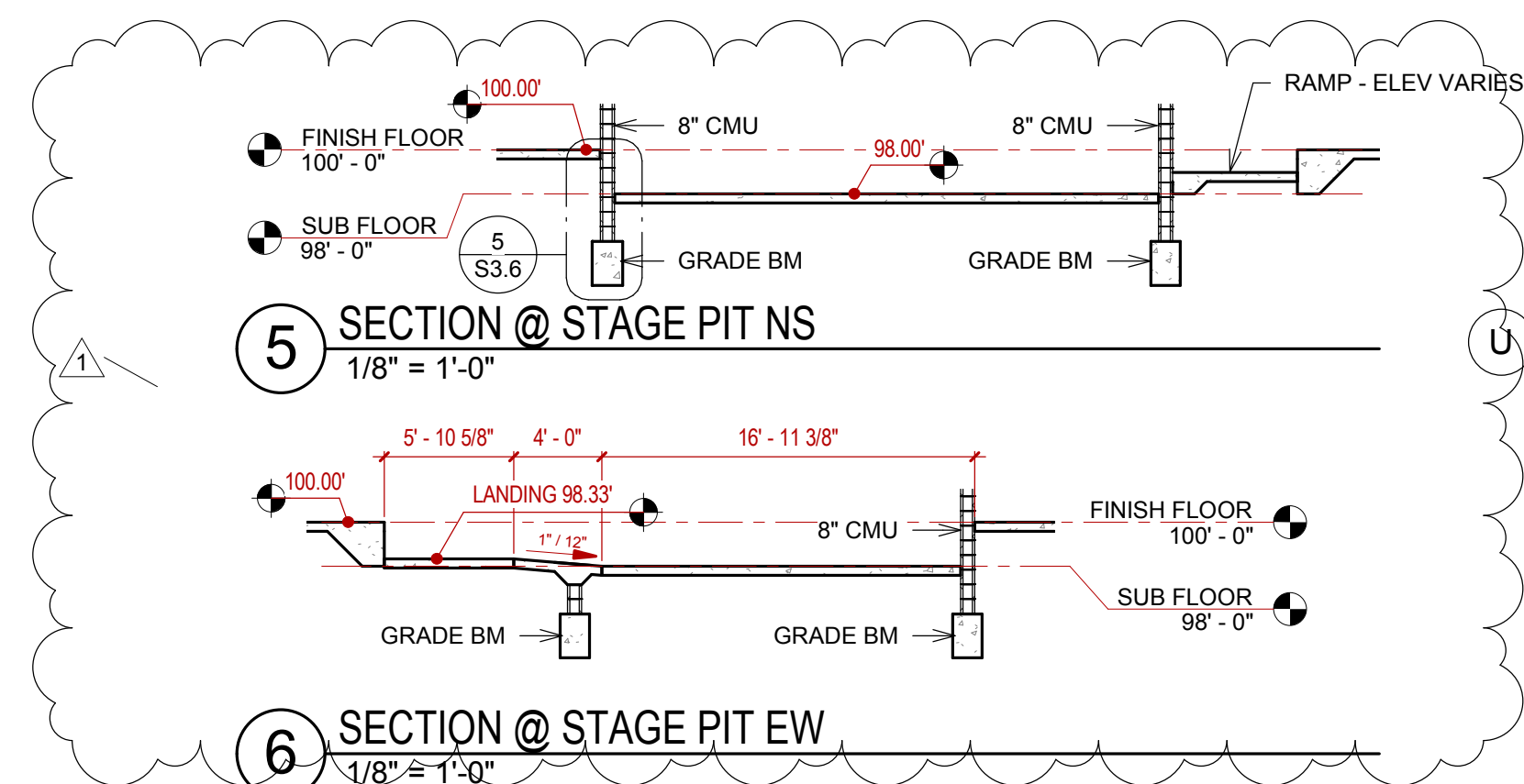
S2.1

SLAB PLAN



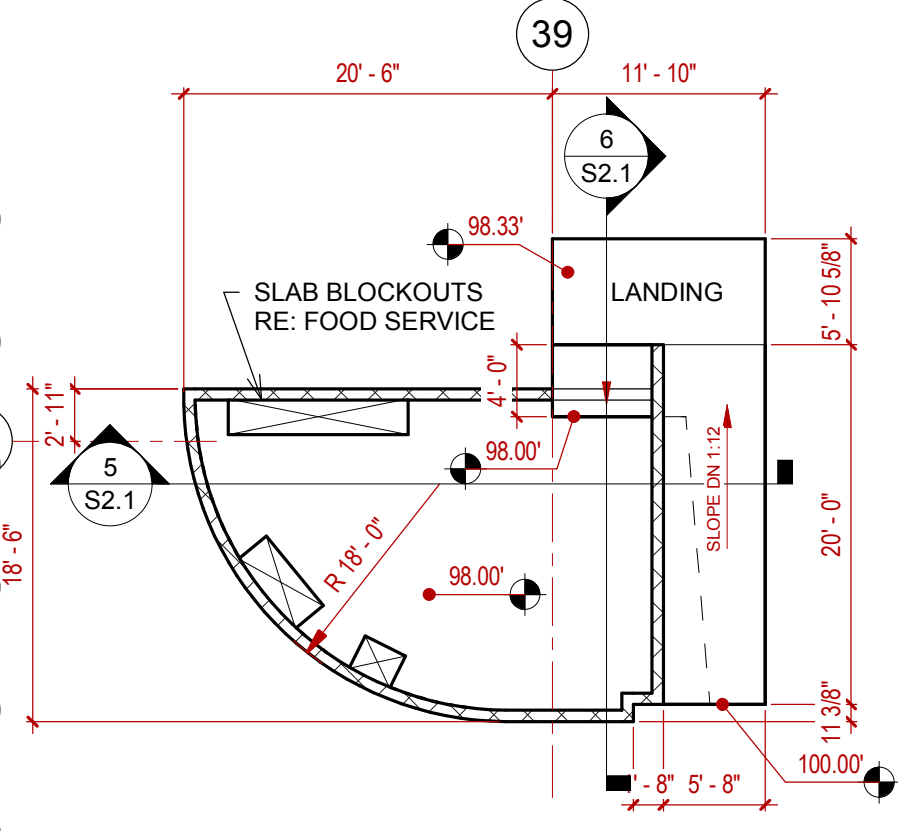
- PLAN NOTES:**
1. SLAB TO BE 5" CONCRETE W/ #3'S @ 18" O.C. E.W. ON 15 MIL VAPOR BARRIER ON 4" DRAINAGE FILL.
 2. ALL COLUMNS THAT EXTEND THROUGH THE SLAB TO HAVE A DIAMOND BLOCKOUT W/ 1/2" PRE-MOLD.
 3. SAW CUTS, W/ SEALANT, TO BE LOCATED AT ALL RE-ENTRANT CORNERS, TO BE 90° ANGLES, AND TO BE SPACED NO MORE THAN 12 FEET ON CENTER.
 4. COORDINATE WITH MEP PLAN FOR FLOOR DRAIN LOCATIONS.
 5. COORDINATE WITH FOOD SERVICE PLAN FOR LOCATIONS OF FLOOR DRAINS, TRENCH DRAINS, RECESSED COOLERS, ETC.
 6. ALL DIMENSIONS ARE TO EDGE OF SLAB, U.N.O.

1 SLAB PLAN - OVERALL
3/64" = 1'-0"

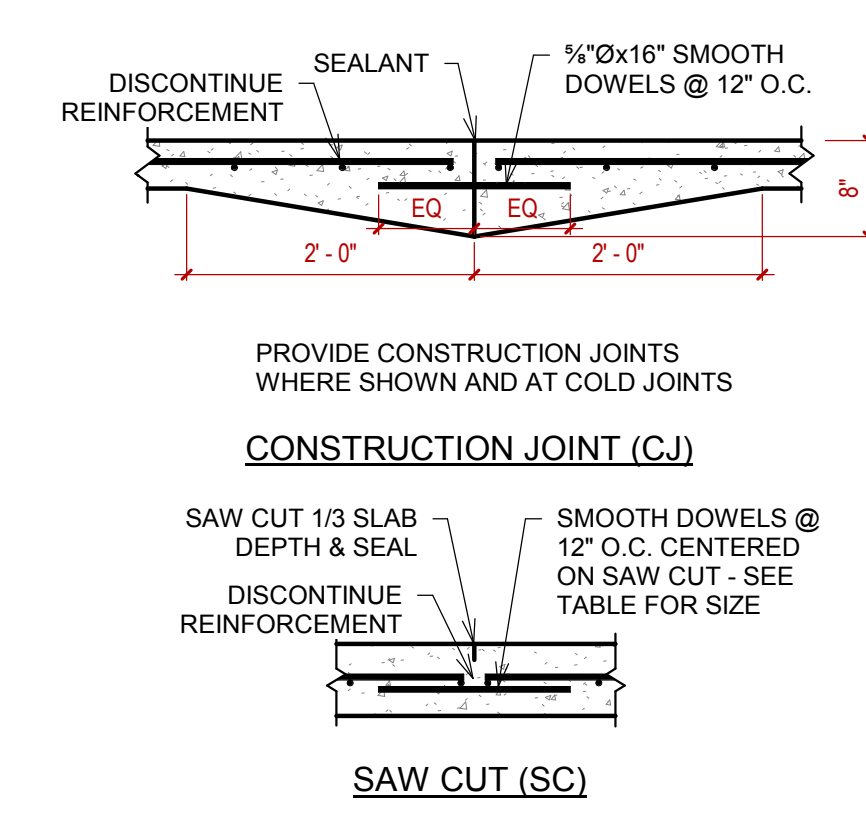


5 SECTION @ STAGE PIT NS
1/8" = 1'-0"

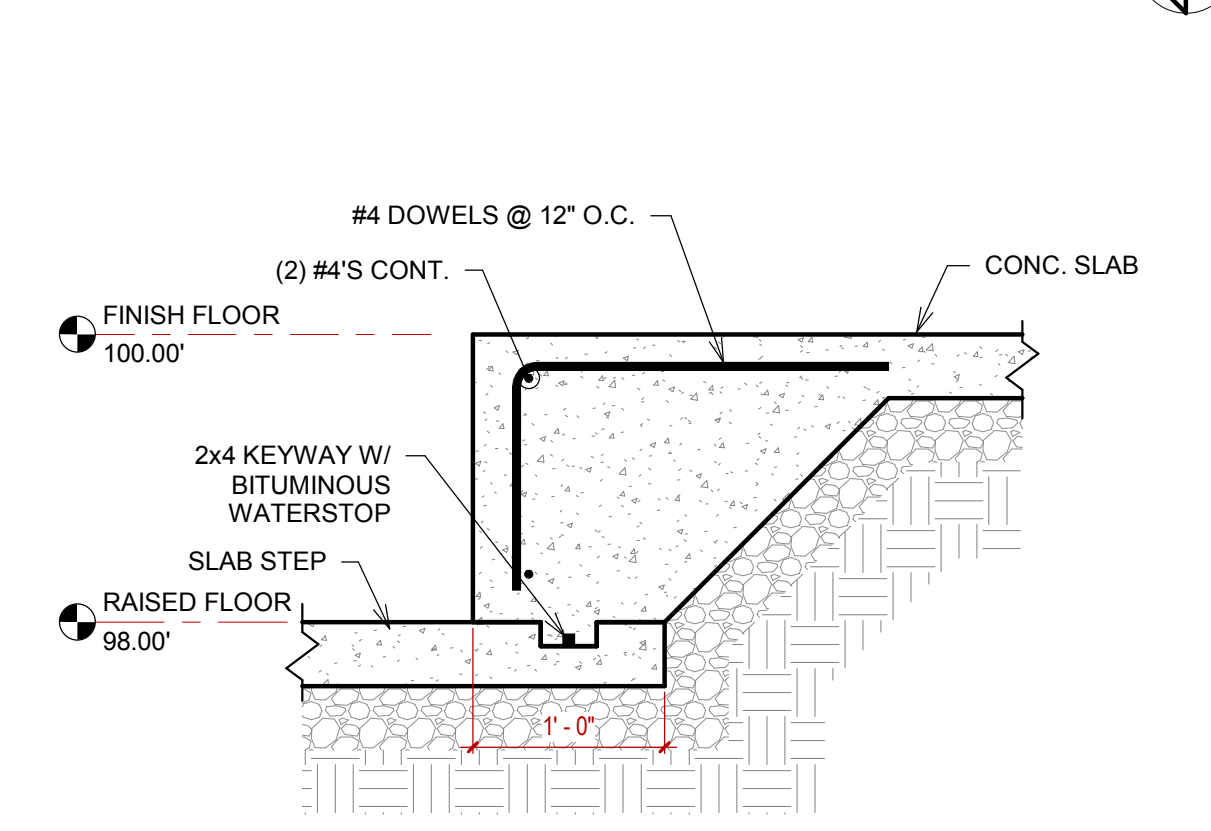
6 SECTION @ STAGE PIT EW
1/8" = 1'-0"



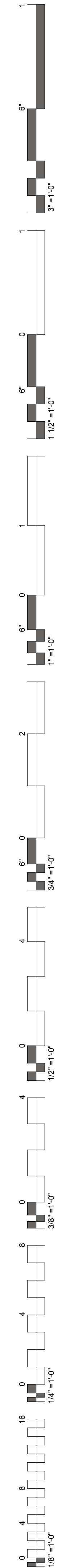
4 SLAB PLAN - STAGE PIT
3/32" = 1'-0"

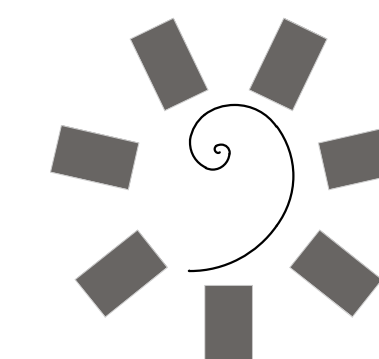


3 SLAB JOINT DETAILS
3/4" = 1'-0"

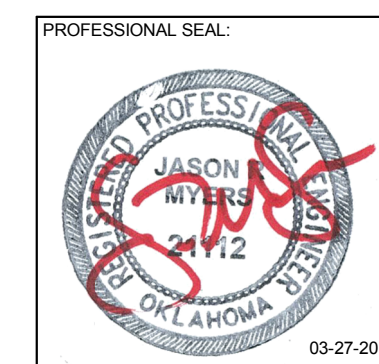


2 SLAB STEP
1" = 1'-0"





**James R. Childers
Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:

**Myers-Beatty
Engineering, PLLC**
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 75056
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

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

#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
5	04/27/18	ADDENDUM #05

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

S3.1

ROOF FRAMING PLANS

STRUCTURAL STEEL COLUMN SCHEDULE

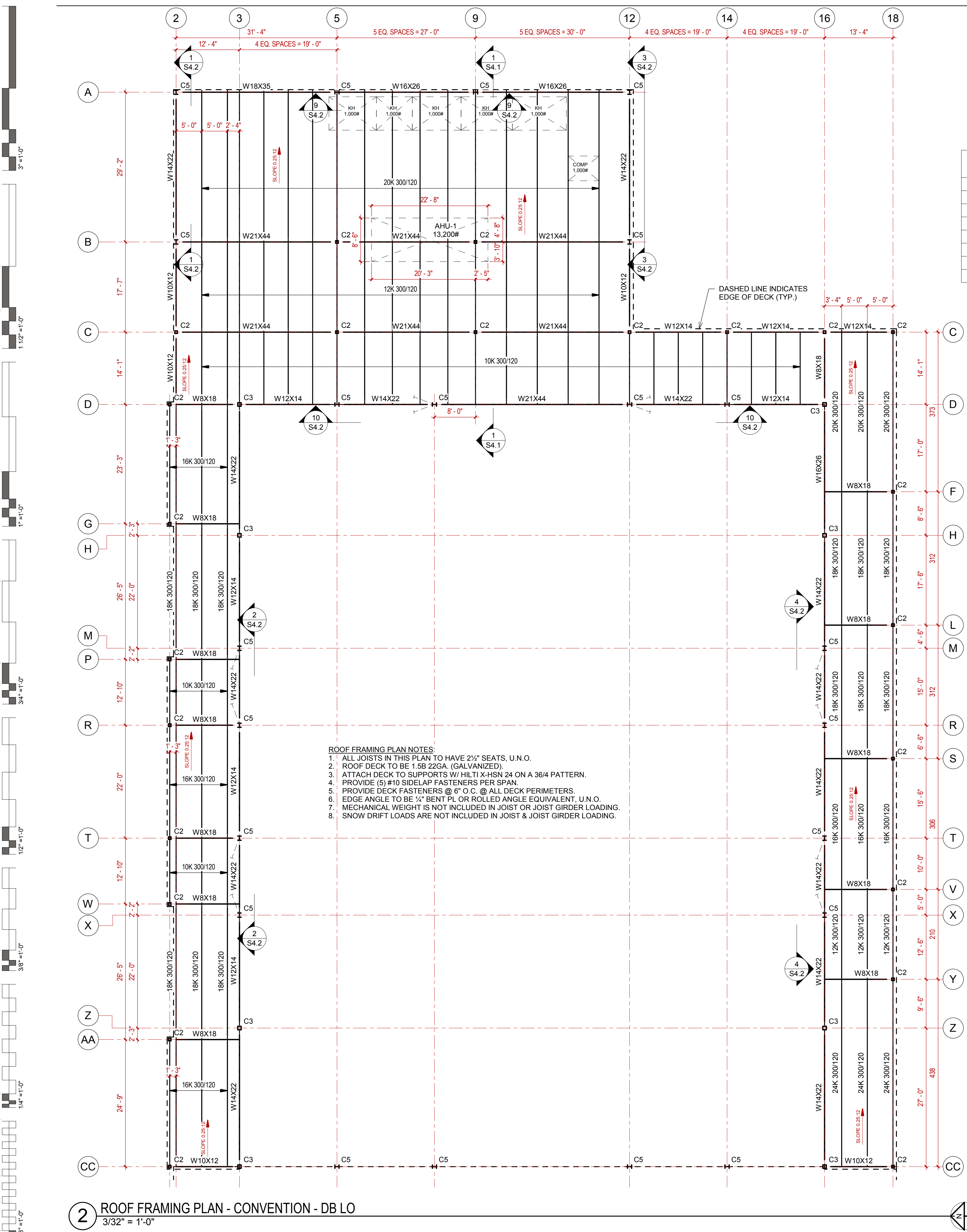
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

ROOF FRAMING PLAN NOTES:

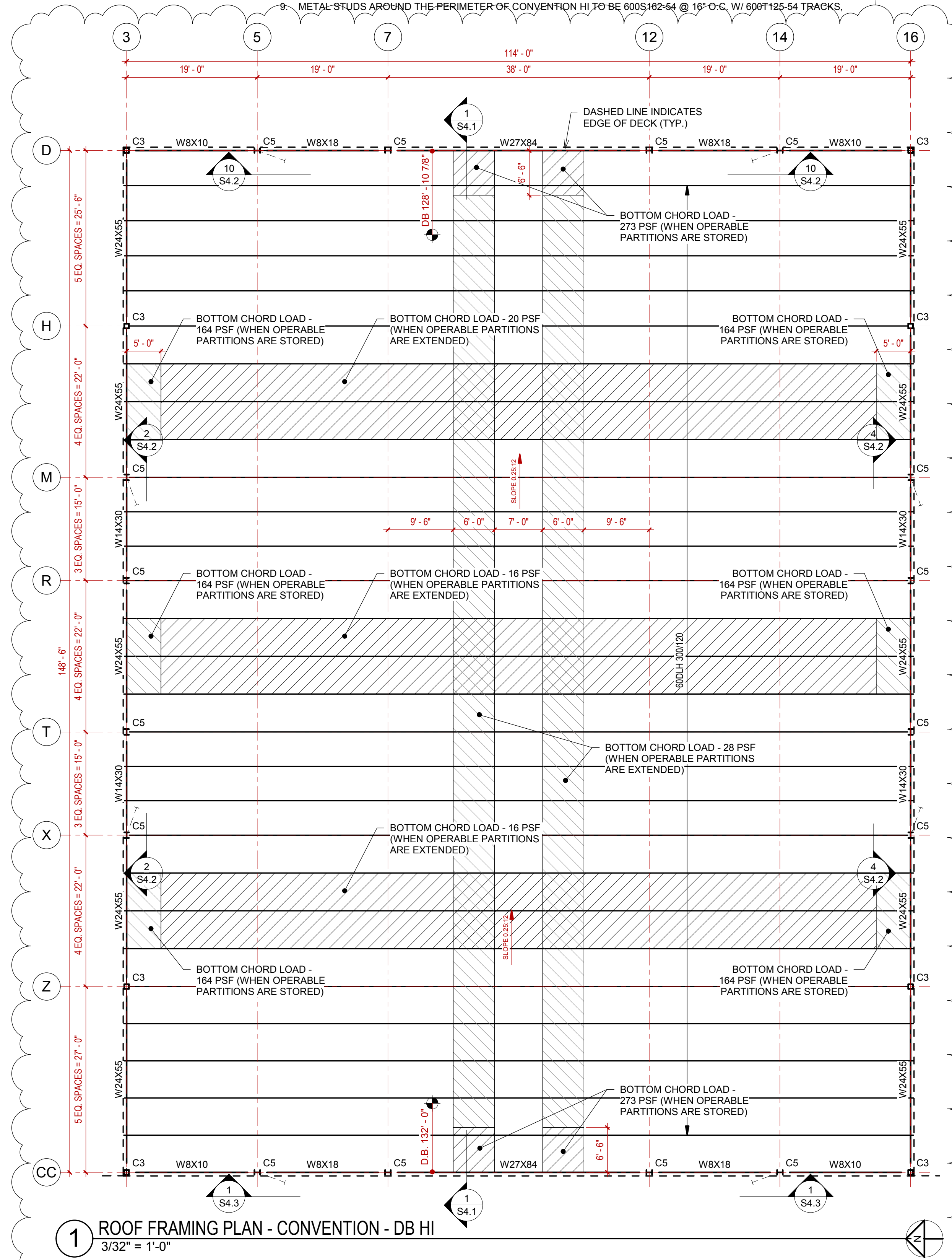
- ALL JOISTS IN THIS PLAN TO HAVE 5' SEATS, U.N.O.
- ROOF DECK TO BE 1.5B 22GA. (GALVANIZED).
- ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
- PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
- PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
- EDGE ANGLE TO BE 1/2" BENT PL OR ROLLED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

ROOF FRAMING PLAN NOTES:

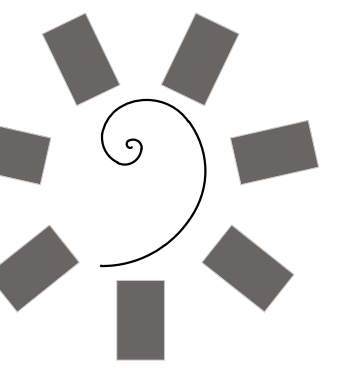
- ALL JOISTS IN THIS PLAN TO HAVE 2 1/2" SEATS, U.N.O.
- ROOF DECK TO BE 1.5B 22GA. (GALVANIZED).
- ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
- PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
- PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
- EDGE ANGLE TO BE 1/2" BENT PL OR ROLLED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



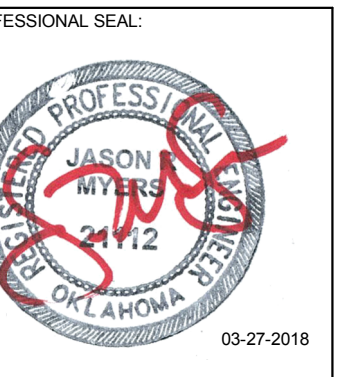
2 ROOF FRAMING PLAN - CONVENTION - DB LO
3/32" = 1'-0"



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



James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:

Myers-Beatty
Engineering, PLLC
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 75956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

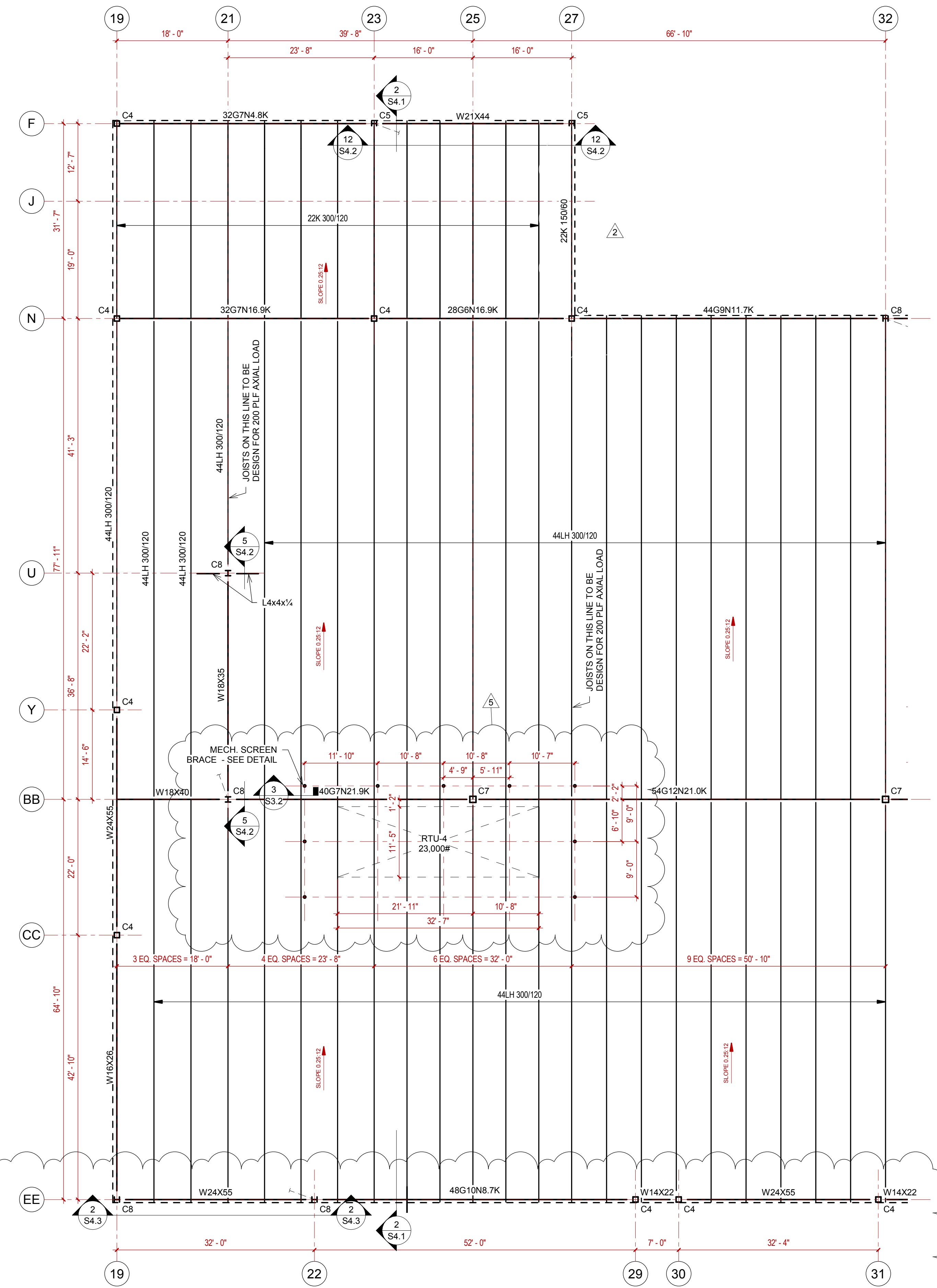
PROJECT PHASE:
BID PACKAGE 02
(100%SET)

#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
2	04/11/18	ADDENDUM #02
3	04/27/18	ADDENDUM #03
4		
5		

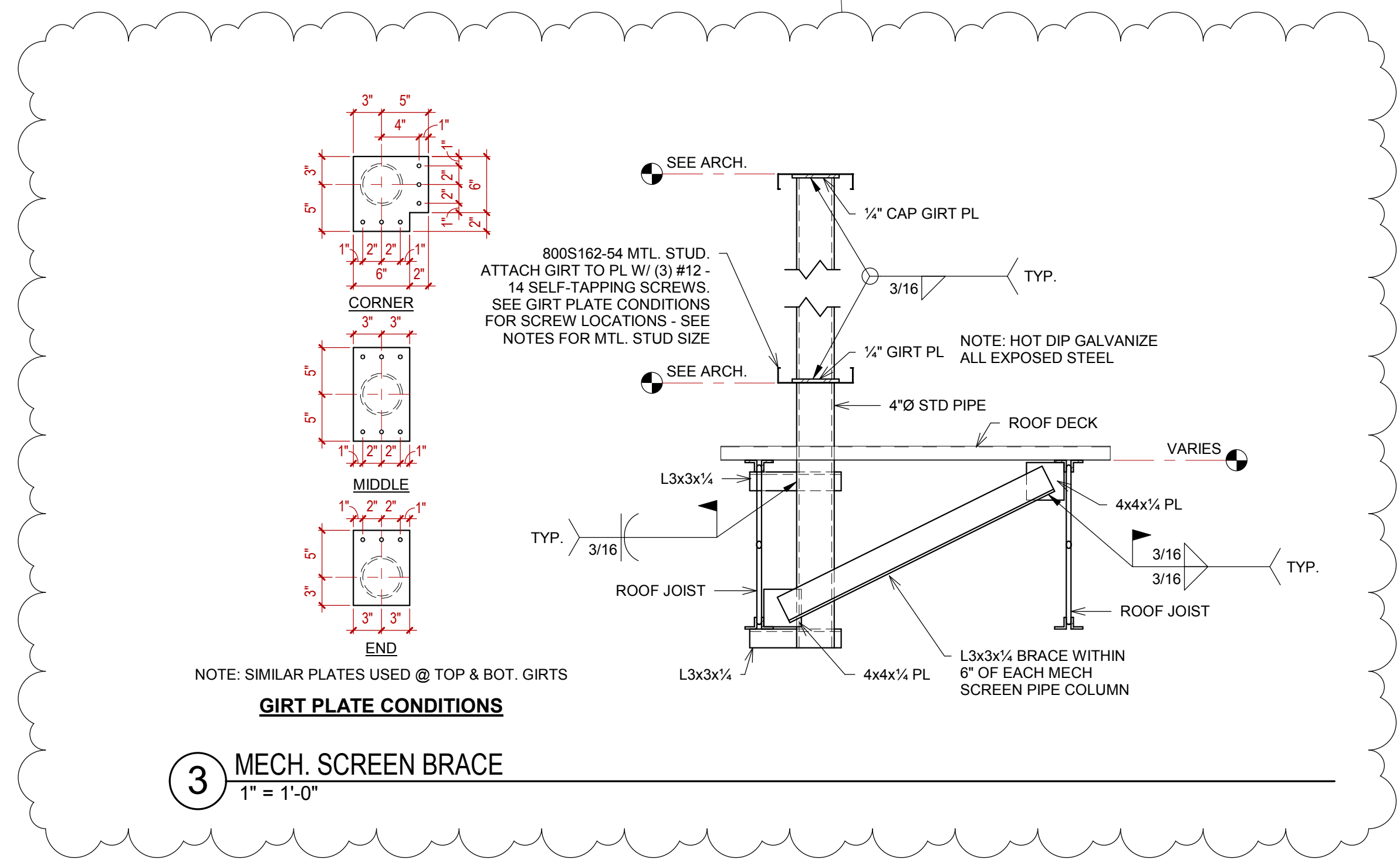
DATE: 03/27/18
JOB NUMBER: 17-06

SHEET NUMBER: S3.2

ROOF FRAMING PLANS



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

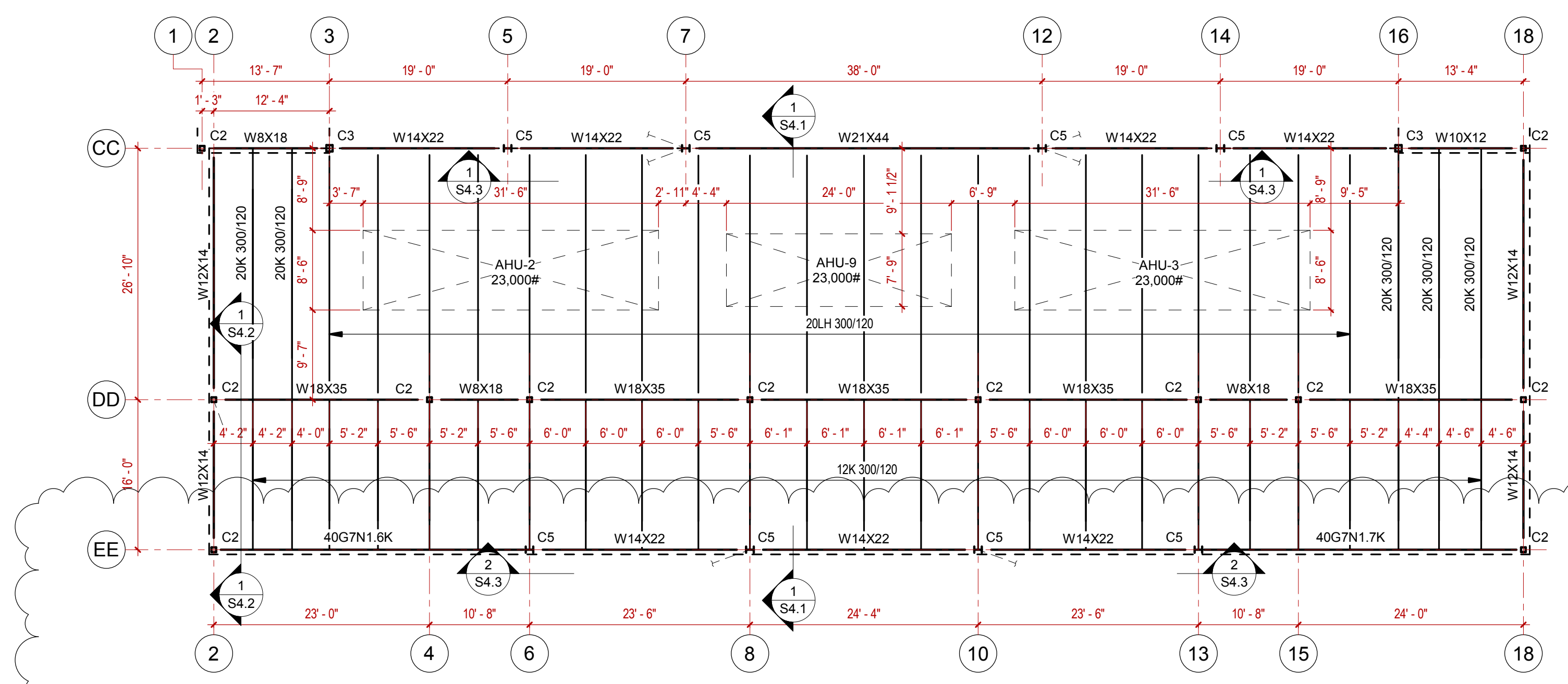


3 MECH. SCREEN BRACE
1" = 1'-0"

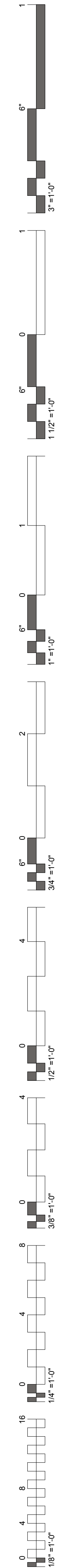
STRUCTURAL STEEL COLUMN SCHEDULE

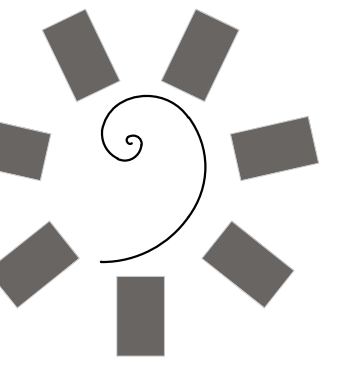
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	HSS12X12X1/4
C6	HSS12X12X3/8
C7	HSS12X12X3/8
C8	W10X49

- 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.

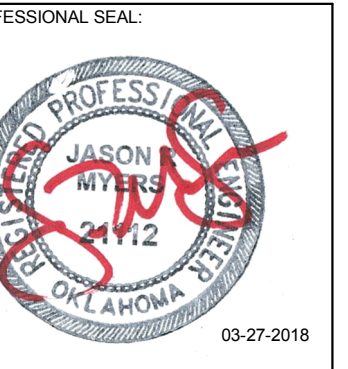


1 ROOF FRAMING PLAN - CONVENTION - FOH
3/32" = 1'-0"





James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:
Myers-Beatty
Engineering, PLLC
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 75056
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

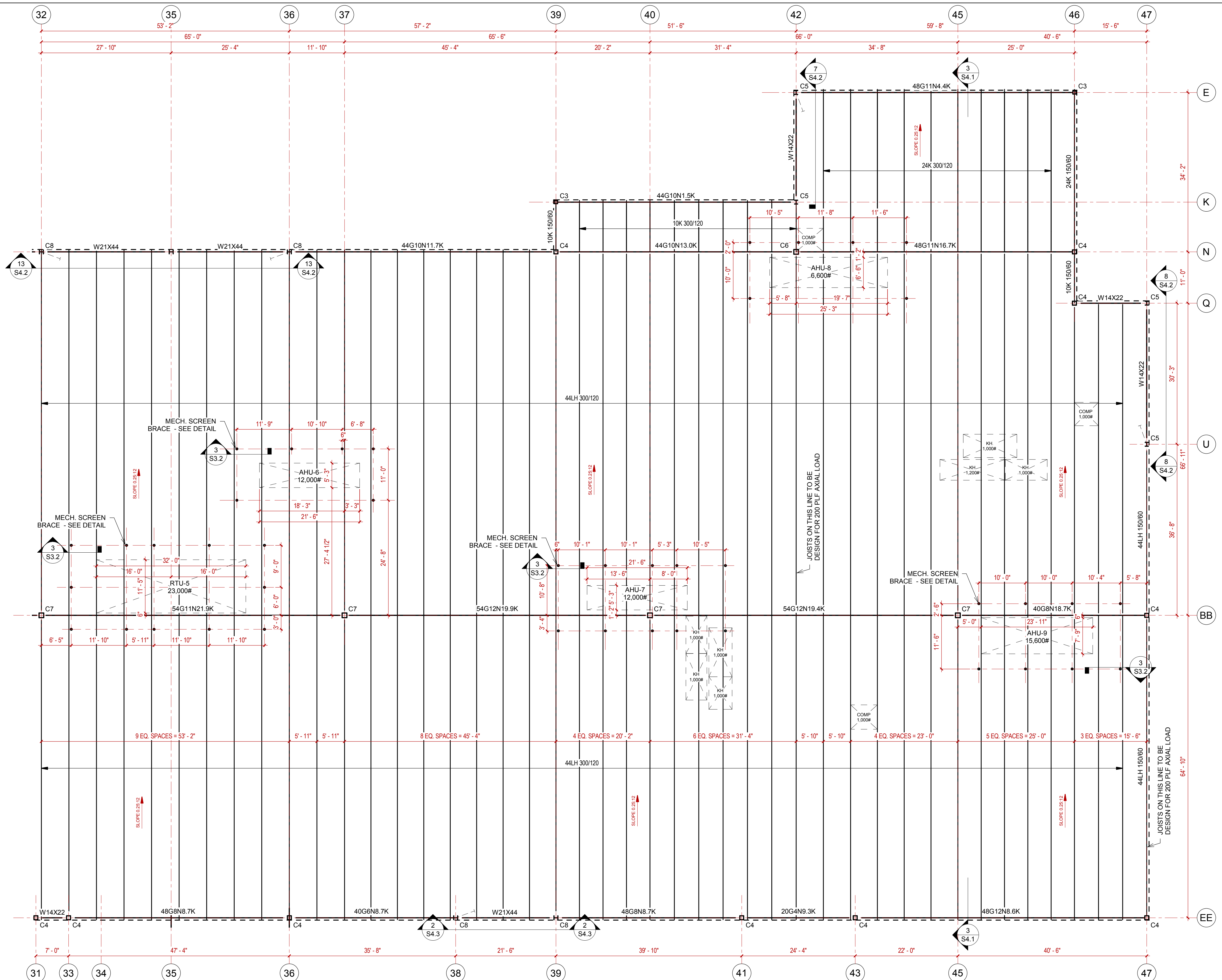
PROJECT PHASE:
BID PACKAGE 02
(100%SET)

REVISIONS		
#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
5	04/27/18	ADDENDUM #05

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

SHEET NUMBER:
S3.3

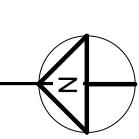
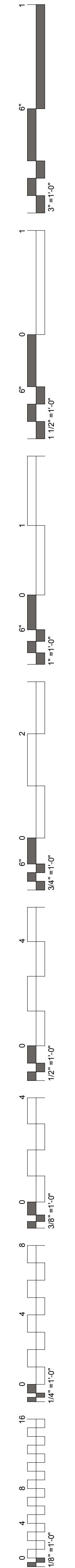
ROOF FRAMING PLAN

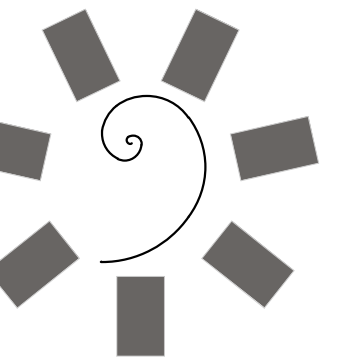


STRUCTURAL STEEL COLUMN SCHEDULE	
COL MARK	SIZE
C2	HSS6X6X1/4
C3	HSS8X8X1/4
C4	HSS10X10X1/4
C5	W10X33
C6	HSS12X12X1/4
C7	HSS12X12X3/8
C8	W10X49

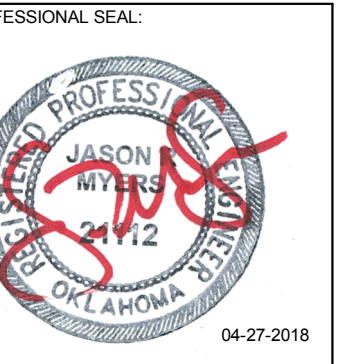
- ROOF FRAMING PLAN NOTES:**
- ALL JOISTS IN THIS PLAN TO HAVE 5" SEATS, U.N.O.
 - ROOF DECK TO BE 1.5B 22GA. (GALVANIZED)
 - ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 ON A 36/4 PATTERN.
 - PROVIDE (5) #10 SIDELAP FASTENERS PER SPAN.
 - PROVIDE DECK FASTENERS @ 6" O.C. @ ALL DECK PERIMETERS.
 - EDGE 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"





James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO

Myers-Beatty
Engineering, PLLC
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 72956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE
BID PACKAGE 02
(100%SET)

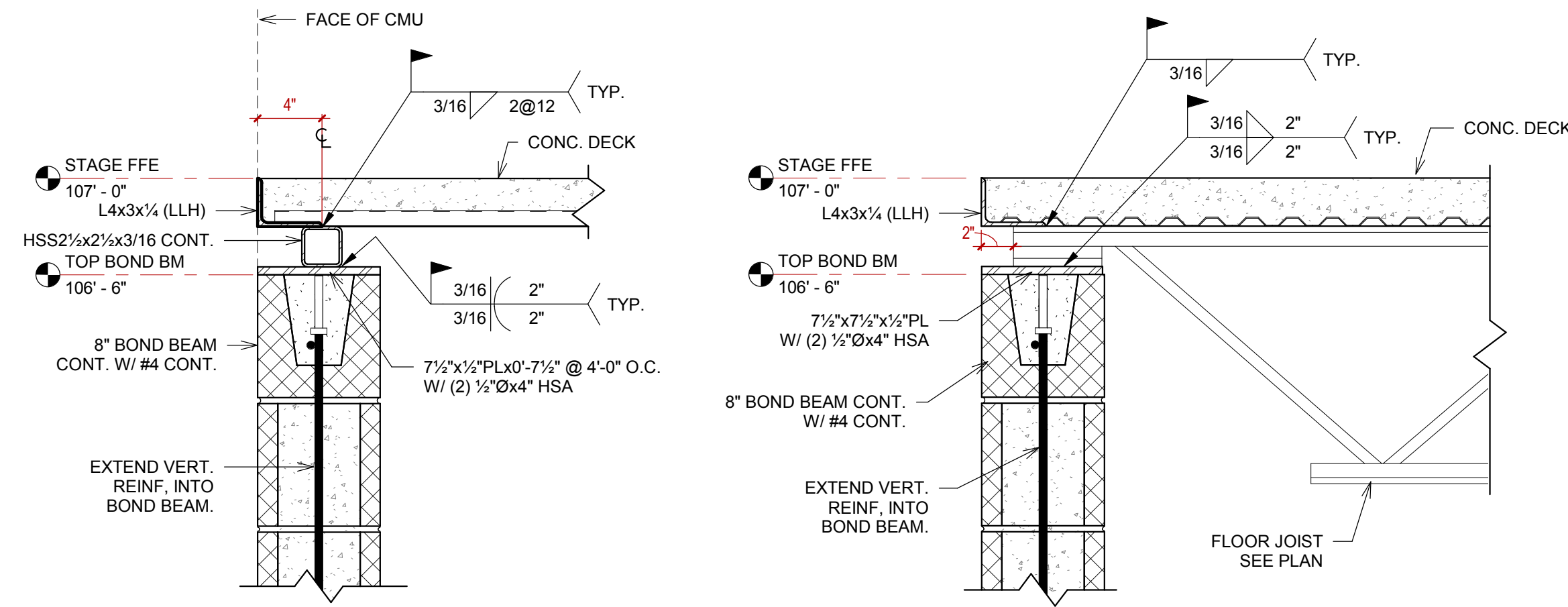
#	DATE	REVISIONS DESCRIPTION

DATE: 04/26/18 JOB NUMBER: 17-06

SHEET NUMBER: S3.6

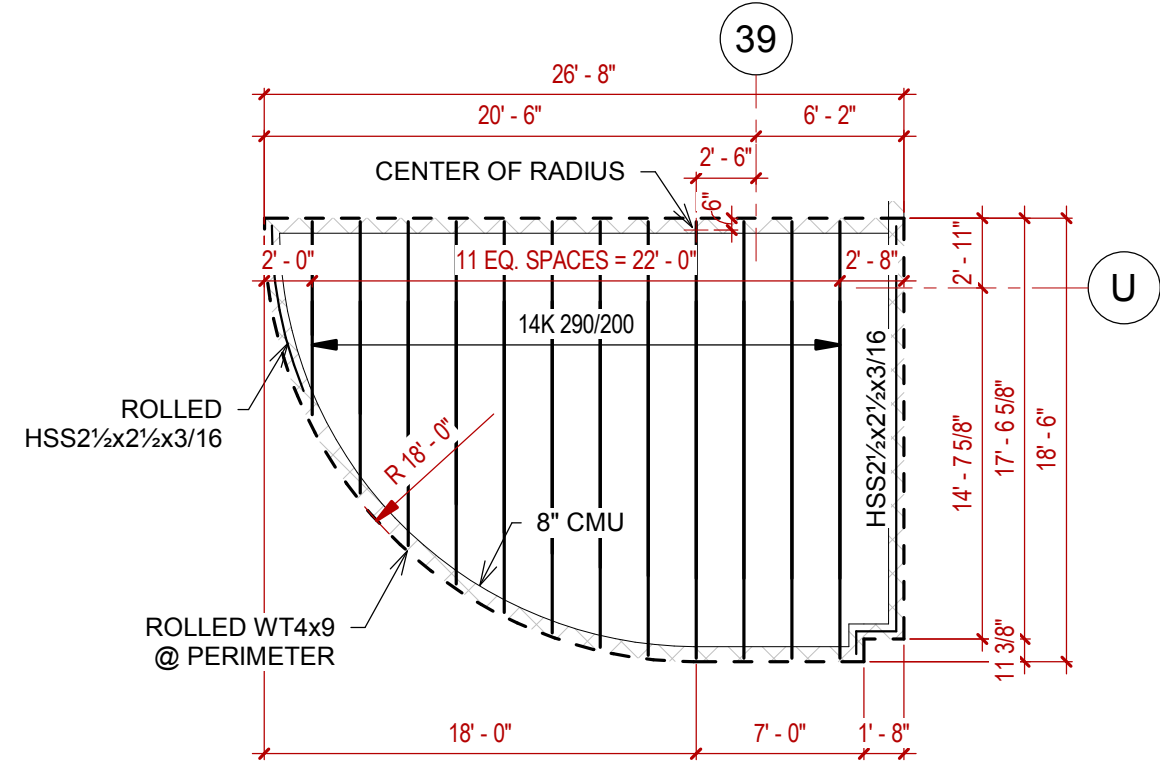
STAGE PLANS

4 HSS SPACER @ CMU
1 1/2" = 1'-0"



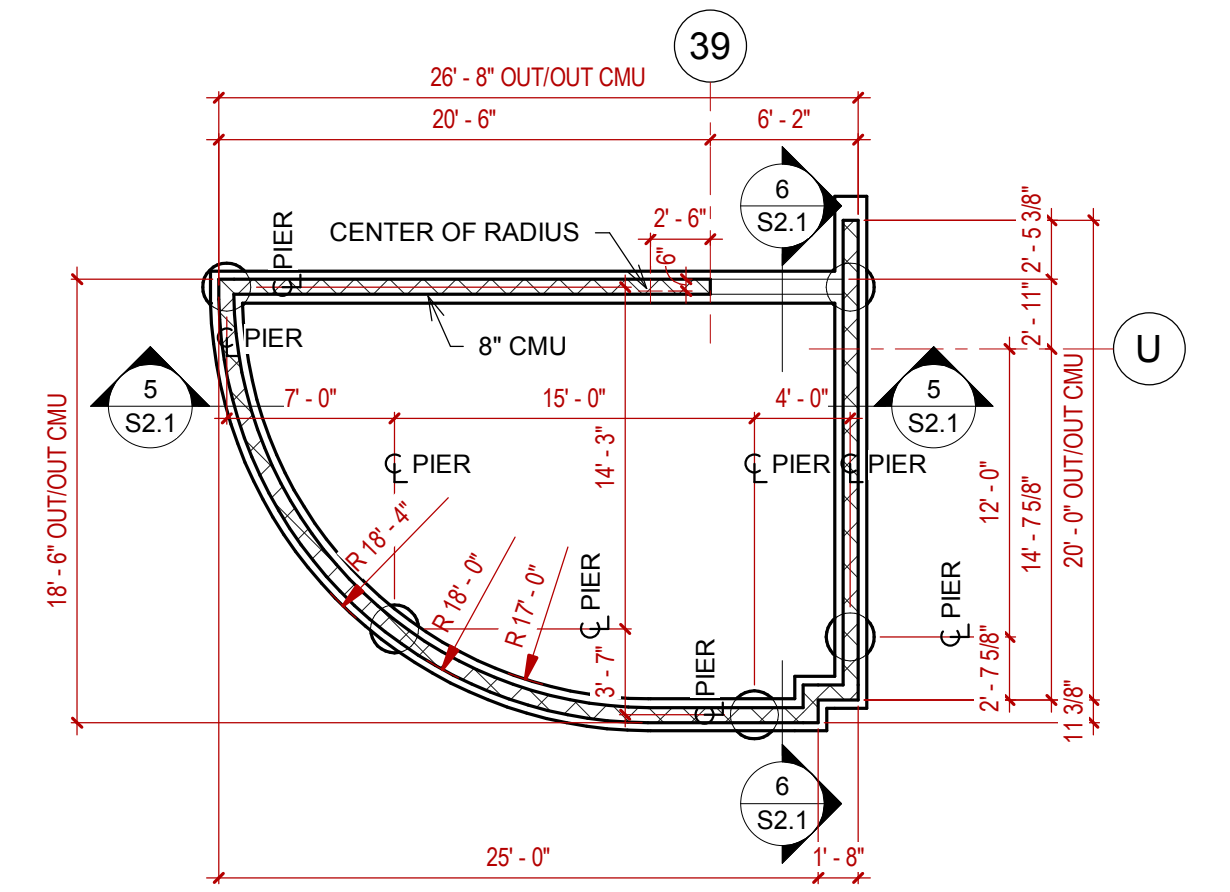
3 TYP. JOIST CONNECTION @ CMU
1 1/2" = 1'-0"

2 ROOF FRAMING PLAN - STAGE
1/8" = 1'-0"



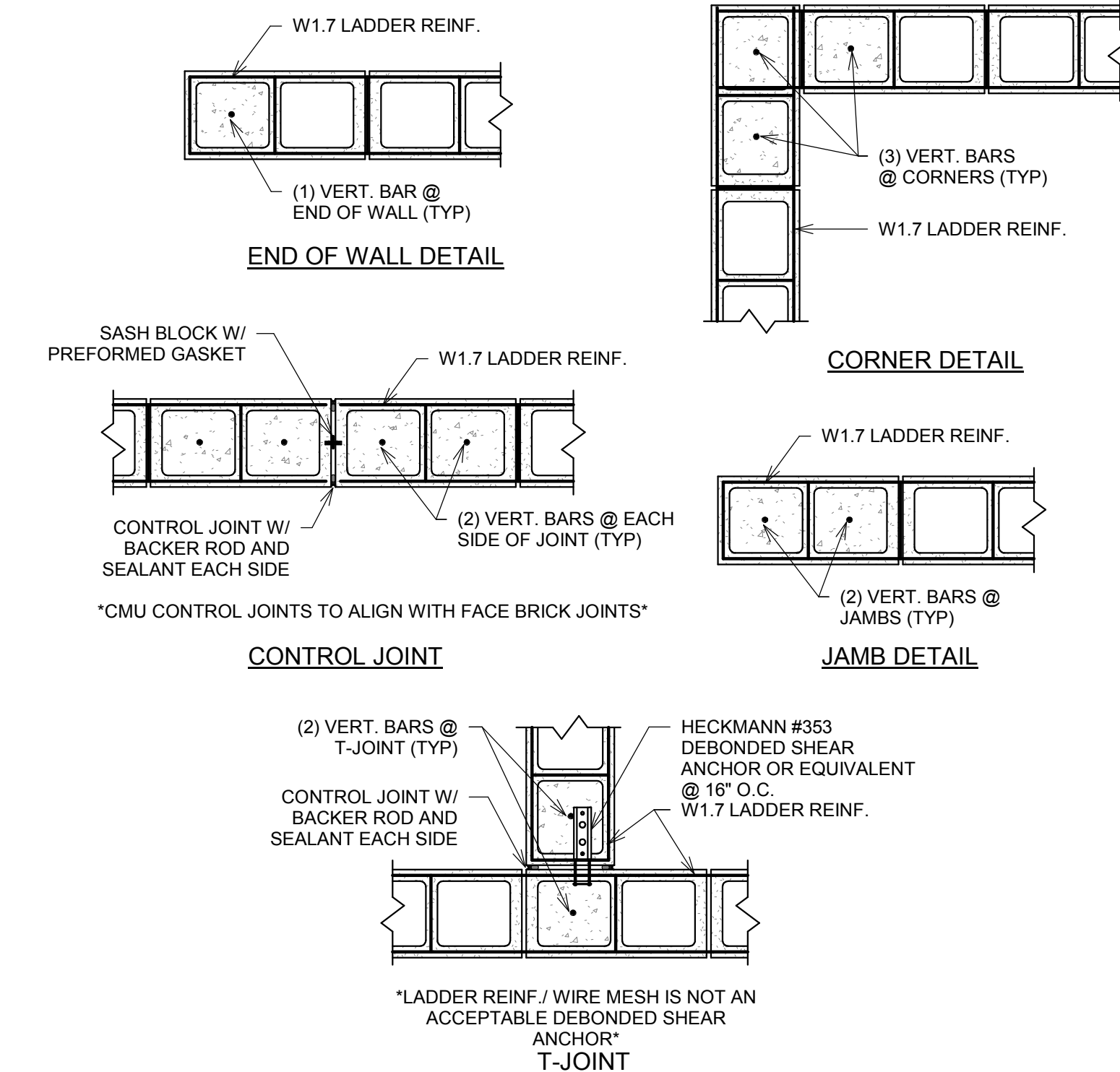
- PLAN NOTES:
1. STAGE WALLS TO BE 8" CMU W/ #4'S @ 24" O.C. IN GROUT FILLED CELLS.
 2. FLOOR DECK TO BE 3" TOTAL THICKNESS NW CONCRETE ON 0.6C 24GA (GALVANIZED)
 3. REINFORCE SLAB W/ 6x6-W1.4xW1.4 W.W.F.
 4. ATTACH DECK TO SUPPORTS W/ HILTI X-HSN 24 PAF OR EQUAL ON A 35/4 PATTERN.
 5. SIDE LAP FASTENERS ARE NOT REQUIRED.
 6. PROVIDE DECK FASTENERS @ 8" O.C. @ DECK PERIMETERS.
 7. PERIMETER ANGLE TO BE L4x3x1/4 (LLH).

1 FOUNDATION PLAN - STAGE
1/8" = 1'-0"

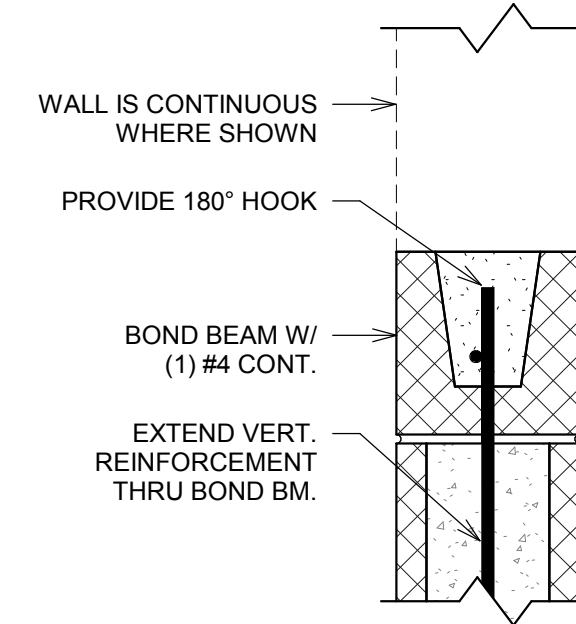


REINFORCED CONCRETE MASONRY

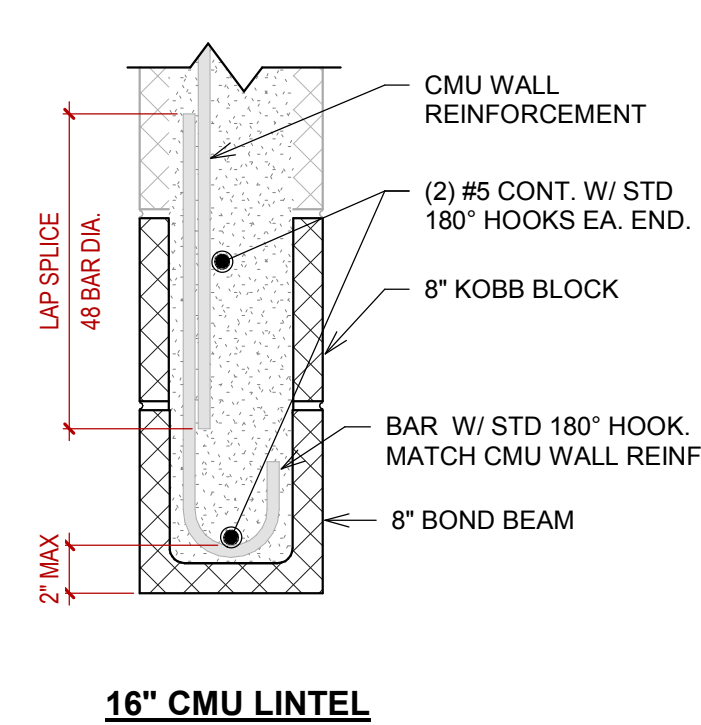
1. THE REINFORCED CONCRETE MASONRY FOR THIS PROJECT HAS BEEN DESIGNED AND DETAILED IN ACCORDANCE WITH WORKING'S STRESS DESIGN METHOD.
2. REINFORCED CONCRETE MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH, $F_m = 1500$ PSI. MASONRY UNITS SHALL BE NORMALWEIGHT BLOCK CONFORMING TO ASTM C90, GRADE N, TYPE 1, AND SHALL HAVE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI. MORTAR SHALL CONFORM TO ASTM C270, TYPE S. GROUT SHALL CONFORM TO ASTM C476 AND SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
3. CONTINUOUS WIRE REINFORCING (JOINT REINFORCING) SHALL BE GALVANIZED TRUSS OR LADDER TYPE FORMED FROM 9 GAUGE COLD-DRAWN STEEL WIRE COMPLYING WITH ASTM A82. JOINT REINFORCING SHALL BE SPACED AT 16" O.C. VERTICALLY IN ALL MASONRY WALLS.
4. PROVIDE VERTICAL CONTROL JOINTS IN MASONRY WALLS AT A MAXIMUM SPACING OF 15 FEET, AND IN ONE WALL AT INTERSECTING WALLS AT A MAXIMUM OF 4 FEET FROM THE WALL CORNER. HORIZONTAL BOND BEAM AND LINTEL REINFORCING SHALL BE CONTINUOUS ACROSS VERTICAL CONTROL JOINTS. JOINT REINFORCING SHALL BE STOPPED EITHER SIDE OF VERTICAL CONTROL JOINTS.
5. ALL REINFORCED CELLS AND ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID.
6. WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL BLOCK CORE, IT SHALL NOT BE SLOPED MORE THAN ONE HORIZONTAL IN SIX VERTICAL. DOWELS MAY BE GROUTED INTO A CELL IN VERTICAL ALIGNMENT, EVEN THOUGH IT IS IN AN ADJACENT CELL TO THE VERTICAL WALL REINFORCING. GROUT THE CELL FOR THE FULL HEIGHT OF THE DOWEL.
7. REINFORCING BAR POSITIONERS SHALL BE USED FOR ALL VERTICAL REINFORCING TO SECURE THE BAR IN THE CENTER OF THE CELL BEFORE GROUTING STARTS. REBAR POSITIONERS SHALL BE LOCATED ONE COURSE ABOVE THE BOTTOM AND ONE COURSE BELOW THE TOP OF EACH GROUT LIFT.
8. ALL SPLICED REINFORCING SHALL BE LAPPED 48 BAR DIAMETERS OR 24 INCHES, WHICHEVER IS GREATER. SPLICED BARS SHALL BE WIRED TOGETHER. LAP SPLICES BETWEEN ADJACENT BARS SHALL BE STAGGERED A MINIMUM OF 24 BAR DIAMETERS.
9. ALL REINFORCING BARS SHALL HAVE A MINIMUM GROUT COVER OF 1/2" OF AN INCH TO THE INSIDE FACE OF THE MASONRY UNIT, A MINIMUM OF TOTAL MASONRY COVER OF 2".
10. ALL REINFORCING BARS IN WALLS SHALL HAVE NOT LESS THAN ONE BAR DIAMETER NOR 1" CLEAR BETWEEN BARS.
11. VERTICAL CELLS THAT WILL BE GROUTED SHALL HAVE A VERTICAL ALIGNMENT TO MAINTAIN A CONTINUOUS UNOBSTRUCTED CELL AREA NOT LESS THAN 3'x4'.
12. GROUTING SHALL BE STOPPED 1/2" BELOW THE TOP OF A COURSE SO AS TO FORM A KEY AT THE POUR JOINT.
13. GROUTING OF MASONRY BEAMS OVER OPENINGS SHALL BE DONE IN A CONTINUOUS OPERATION.
14. MAXIMUM GROUT LIFT SHALL BE 60 INCHES.
15. ALL BOLTS, ANCHORS, ETC. INSERTED IN THE WALLS, SHALL BE GROUTED SOLID INTO POSITION.
16. ALL CMU IS TO BE LAID IN RUNNING BOND, UNLESS NOTED OTHERWISE.



7 TYP. CMU BOND BM DETAIL
1 1/2" = 1'-0"

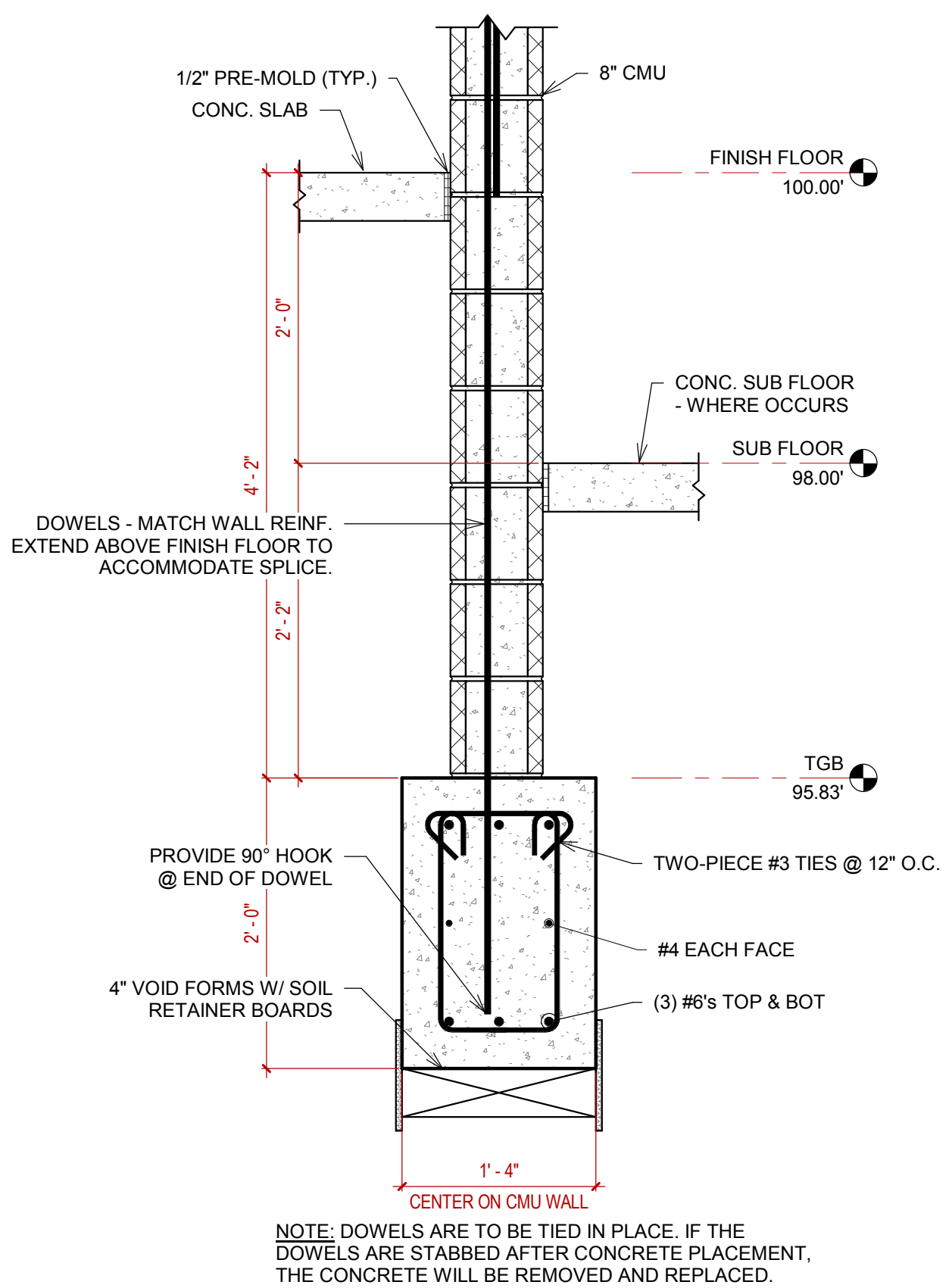


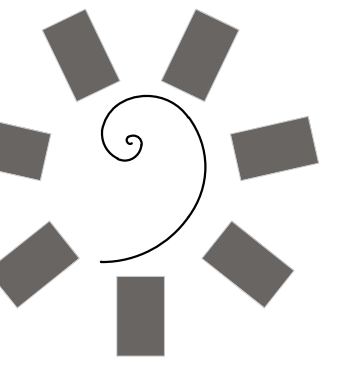
6 TYP. CMU LINTEL DETAIL
1 1/2" = 1'-0"



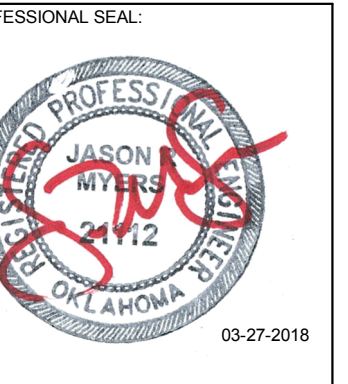
- NOTES:
1. LINTELS SHALL REMAIN SHORED UNTIL MASONRY CONSTRUCTION ABOVE HAS CURED FOR A MINIMUM OF 14 DAYS.
 2. COORDINATE WITH ARCH. FOR LOCATIONS AND DIMENSIONS OF ALL WALL OPENINGS.
 3. REFER TO ENGINEER IF OPENING IS LARGER THAN 12'-4".
 4. MAXIMUM OF 11 COURSES OF BLOCK ABOVE LINTEL. REFER TO ENGINEER IF COURSING IS EXCEEDED.

5 GRADE BM W/ CMU @ STAGE
1" = 1'-0"





**James R. Childers
Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:
**Myers-Beatty
Engineering, PLLC**
OK CA 4899
2411 Fayetteville Road, Suite B
Van Buren, Arkansas 72956
Ph (479) 474-4412 Fax (479) 474-4413
www.myers-engr.com



CLIENT:
**CHEROKEE NATION
Entertainment**
**Cherokee
CASINO**
TAHLEQUAH, OKLAHOMA

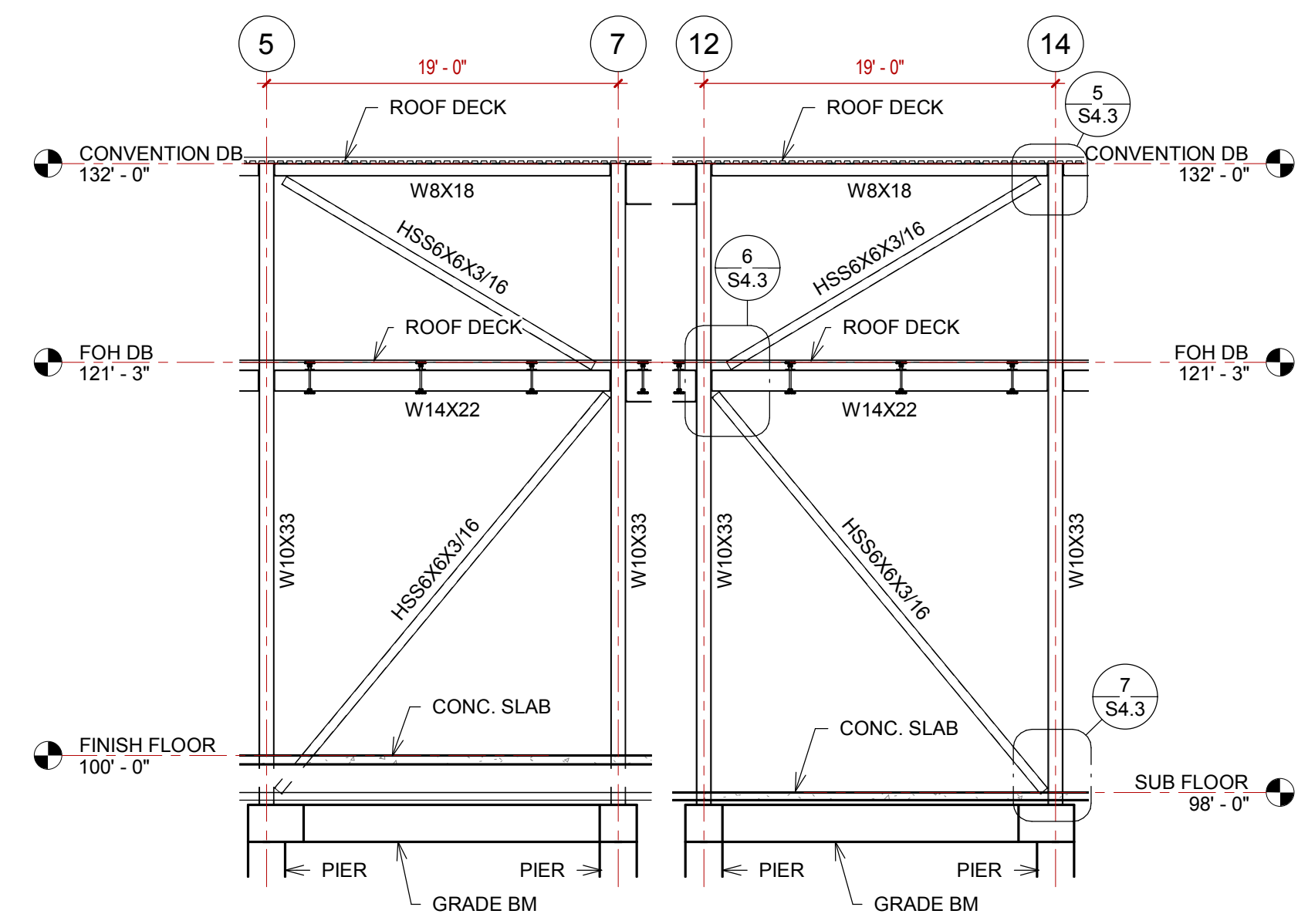
PROJECT PHASE:
**BID PACKAGE 02
(100%SET)**

REVISIONS		
#	DATE	DESCRIPTION
1	04/05/18	ADDENDUM #01
5	04/27/18	ADDENDUM #05

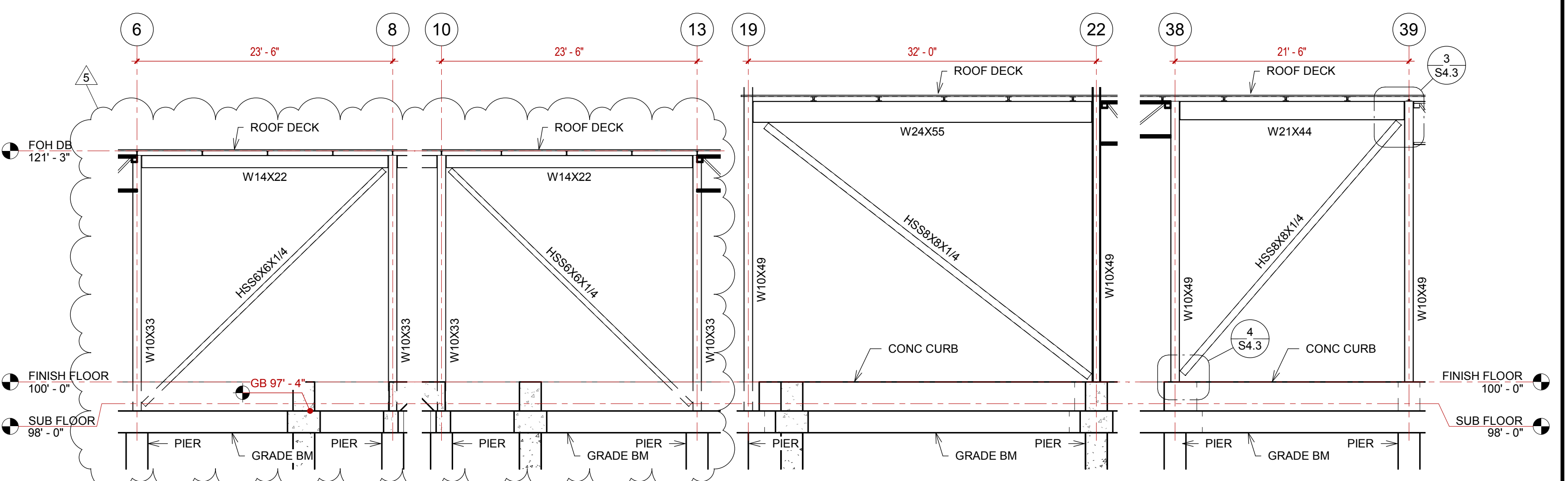
DATE: 03/27/18
JOB NUMBER: 17-06

SHEET NUMBER:
S4.3

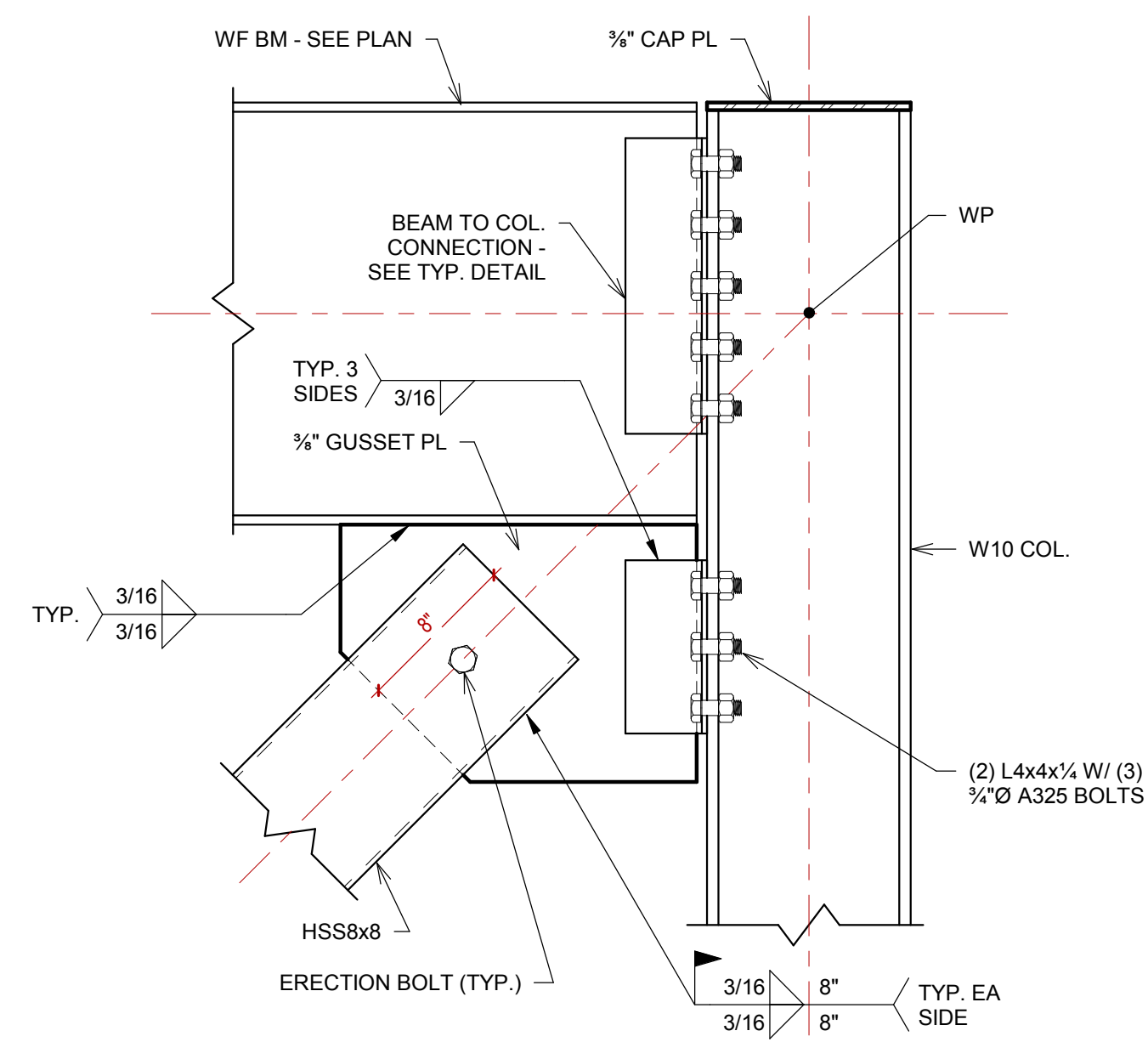
FRAME ELEVATIONS



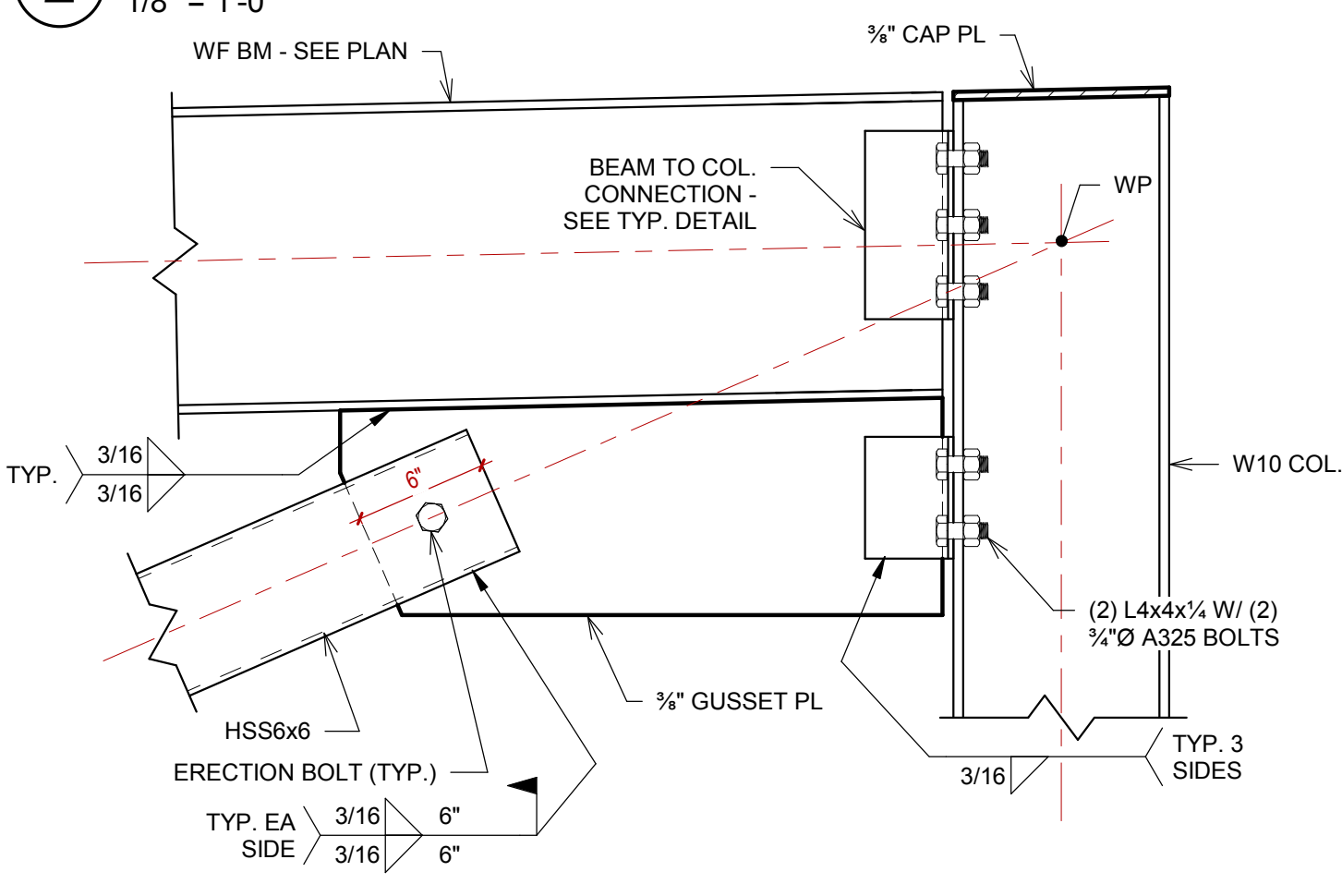
1 FRAME ELEVATION @ GRID 'CC'
1/8" = 1'-0"



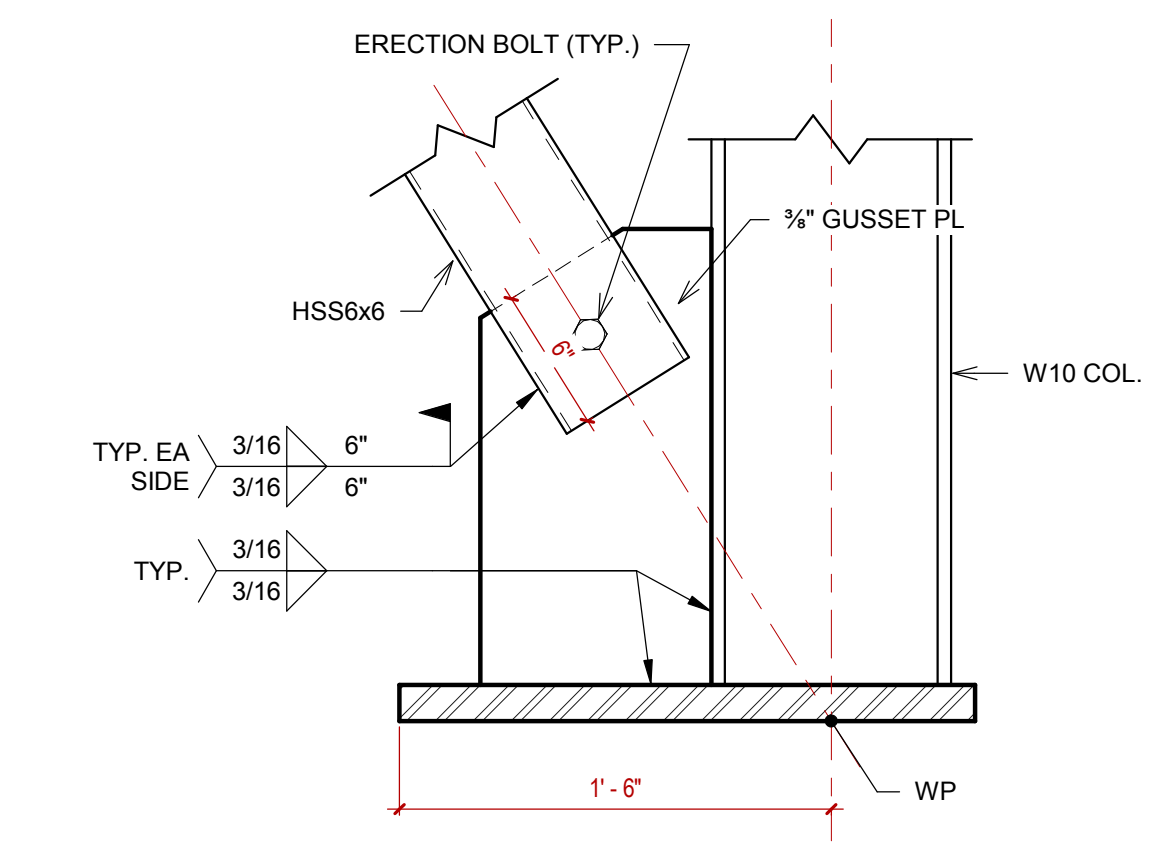
2 FRAME ELEVATION @ GRID 'EE'
1/8" = 1'-0"



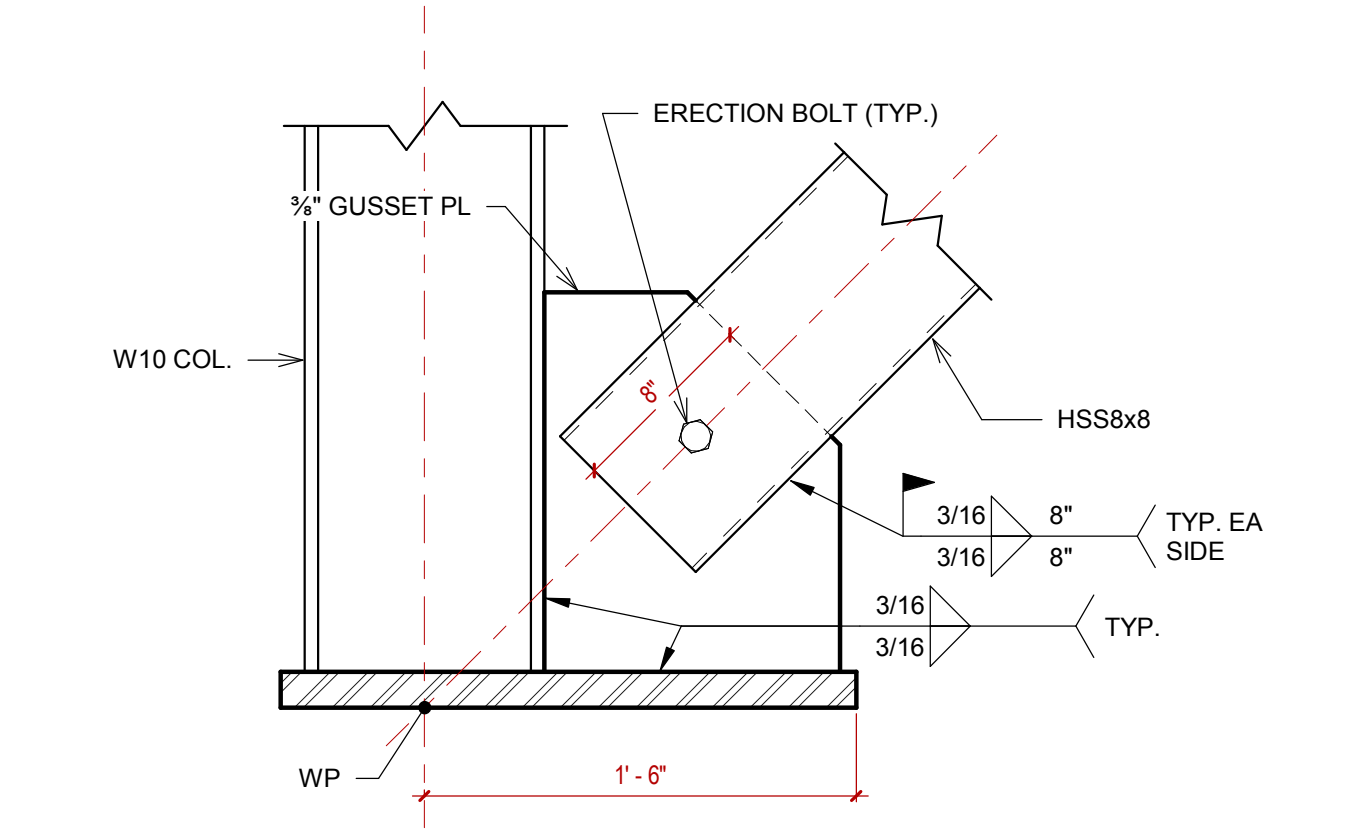
3 X-BRACE - WF - 8" HSS - TOP
1 1/2" = 1'-0"



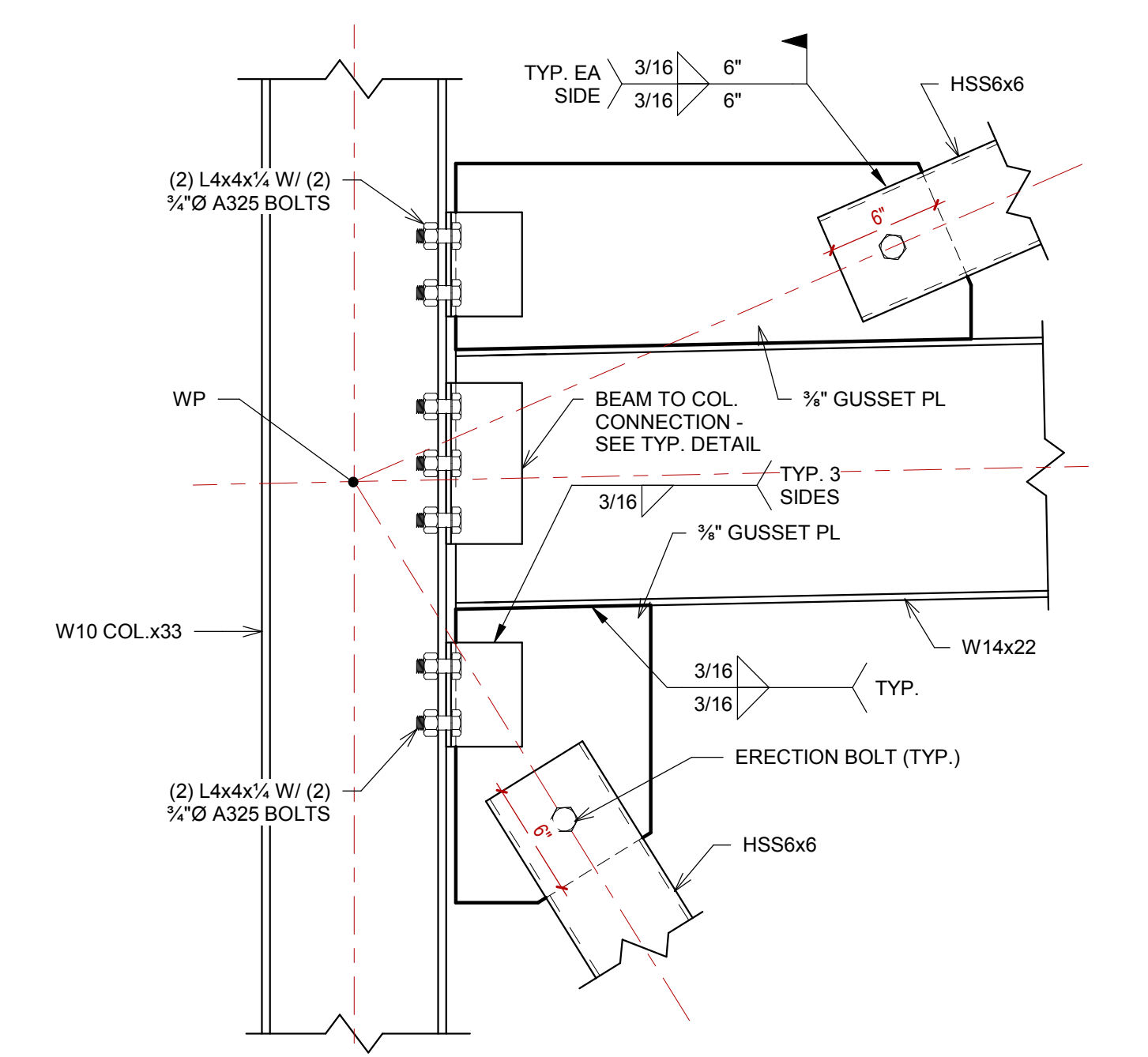
5 X-BRACE - WF - 6" HSS - TOP
1 1/2" = 1'-0"



7 X-BRACE - WF - 6" HSS - BOT
1 1/2" = 1'-0"



4 X-BRACE - WF - 8" HSS - BOT
1 1/2" = 1'-0"



6 X-BRACE - WF - 6" HSS - INT
1 1/2" = 1'-0"

