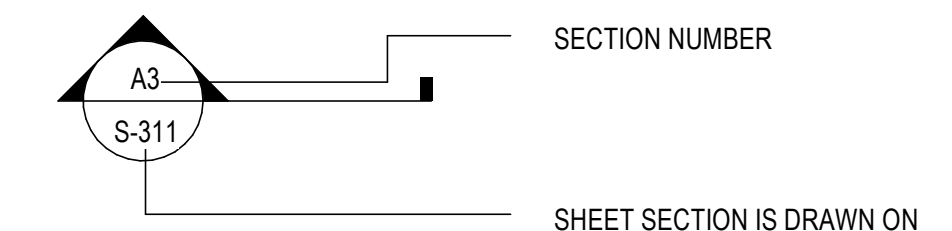
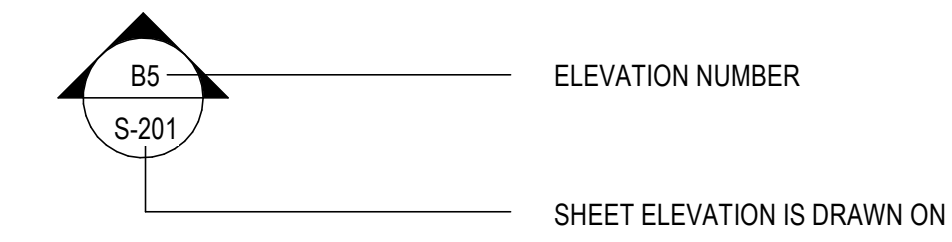


STRUCTURAL GRAPHIC SYMBOLS

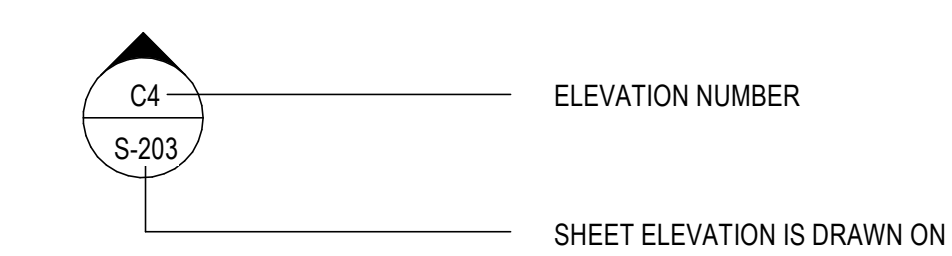
SECTION CROSS-REFERENCE SYMBOL



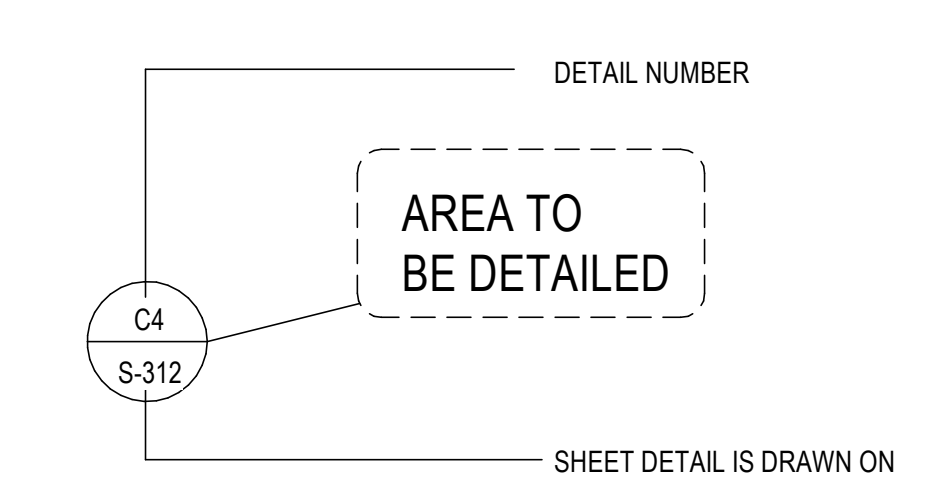
EXTERIOR ELEVATION CROSS-REFERENCE SYMBOL



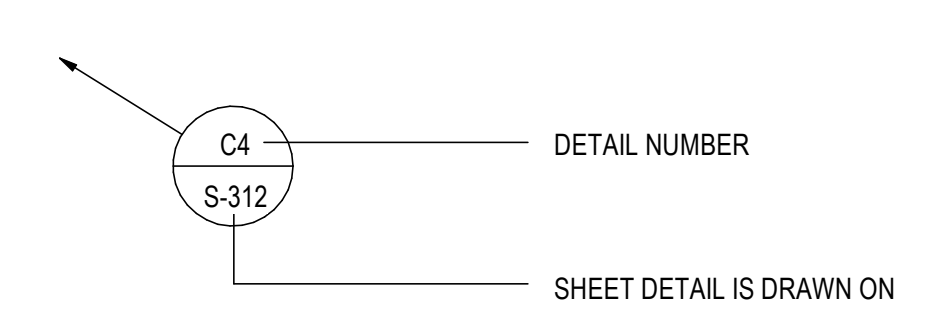
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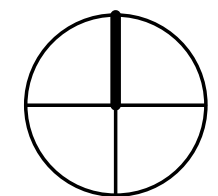
PLAN DETAIL CROSS-REFERENCE SYMBOL



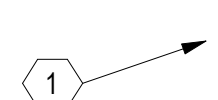
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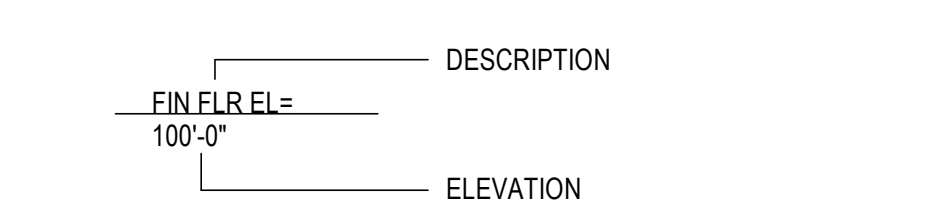
NORTH ARROW SYMBOL



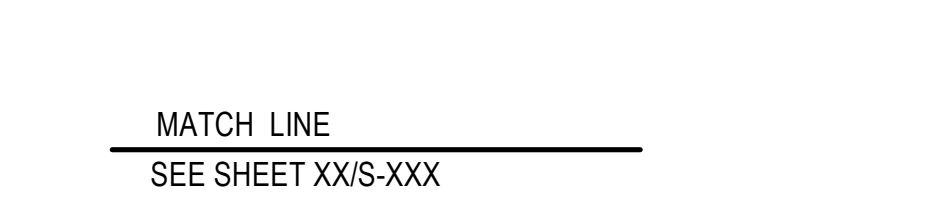
KEYNOTE SYMBOL



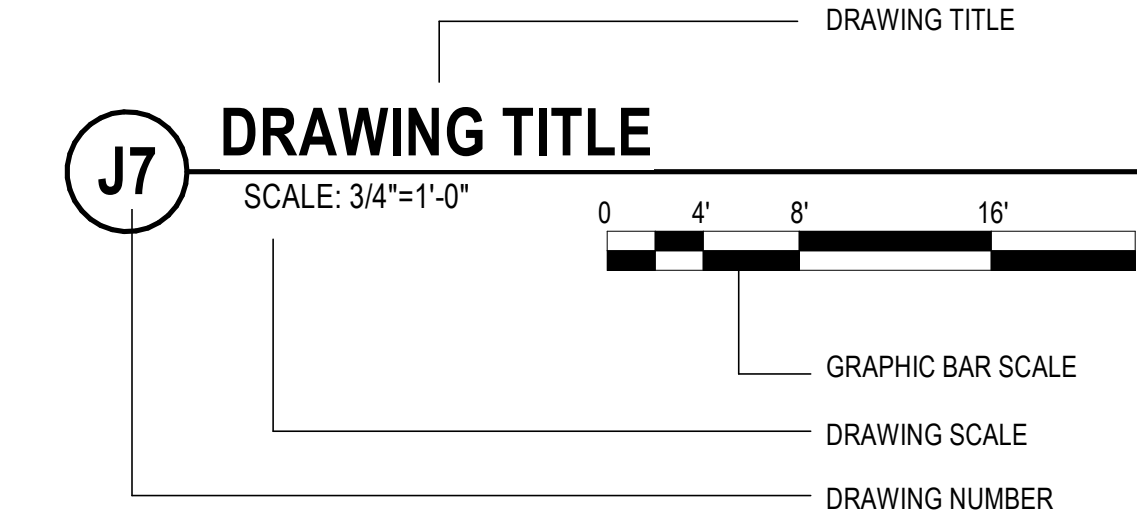
ELEVATION TARGET SYMBOL



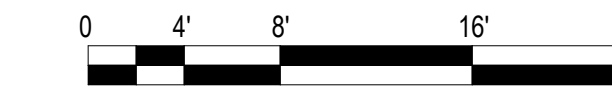
MATCH LINE SYMBOL



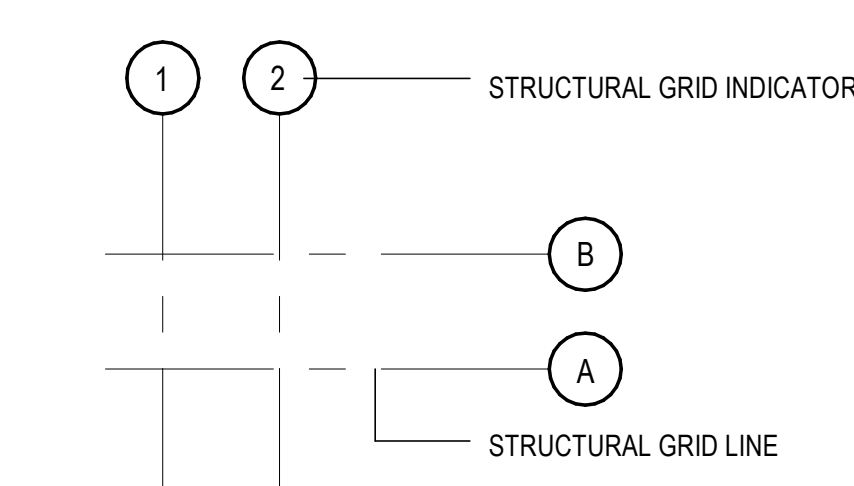
DRAWING TITLE SYMBOL



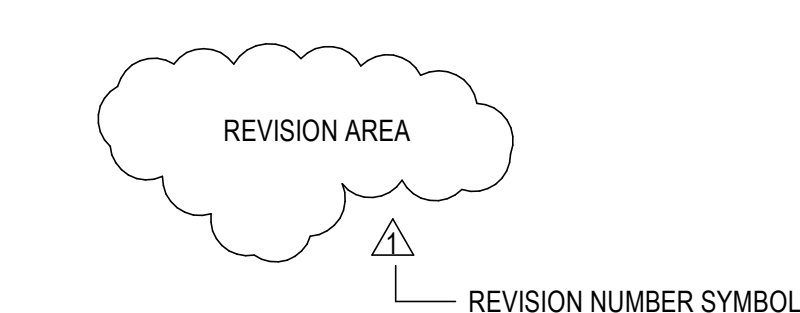
GRAPHIC BAR SCALE SYMBOL



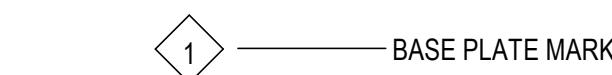
STRUCTURAL GRID REFERENCE SYMBOL



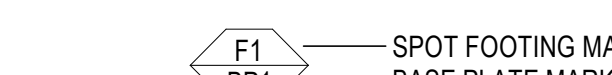
REVISION INDICATOR SYMBOL



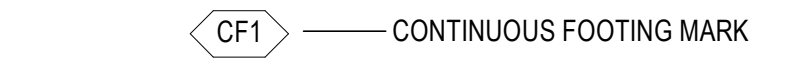
BASE PLATE MARK SYMBOL



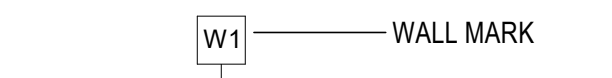
SPOT FOOTING MARK SYMBOL



CONTINUOUS FOOTING MARK SYMBOL



WALL MARK SYMBOL



MOMENT CONNECTION SYMBOL



SIDEPLATE MOMENT CONNECTION SYMBOL, SEE SIDEPLATE DRAWINGS



STRUCTURAL MATERIALS LEGEND

	STEEL		BAR GRATING		COMPACTED EARTH		PLYWOOD (IN SECTION)
	CAST-IN-PLACE CONCRETE		CHECKED PLATE		COMPACTED EARTH		RIGID INSULATION
	LIGHTWEIGHT CONCRETE		MASONRY GROUT		CMU (IN SECTION)		GLULAM
	PRECAST CONCRETE		GRATING (IN SECTION)		CMU (IN PLAN)		

ABBREVIATIONS

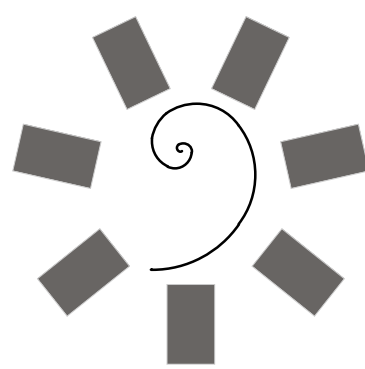
AE	ARCHITECT/ENGINEER
AB	ANCHOR BOLT
ABAN	ABANDON
ABBRV	ABBREVIATION
AC	ASPHALTIC CONCRETE
ACI	AMERICAN CONCRETE INSTITUTE
ACP	ASPHALTIC CONCRETE PAVING
ACR	ACROSS
ACST	ACOUSTIC
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
ADDL	ADDITIONAL
ADDM	ADDDUM
ADJ	ADJACENT/ADJOINING
ADMIN	ADMINISTRATION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFS	ABOVE FINISHED SLAB
AGGR	AGGREGATE
AHR	ANCHOR
IA	AMERICAN INSTITUTE OF ARCHITECTS
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ALMNT	ALIGNMENT
ALT	ALTERNATE, ALTERNATIVE
ALUM	ALUMINUM
AMT	AMOUNT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
APPD	APPROVED
APPROX	APPROXIMATE
APPX	APPENDIX
AR	AS REQUIRED
ARCH	ARCHITECT
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASPH	ASPHALT
ASI	ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS
ASSN	ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATCH	ATTACHMENT
ATTN	ATTENTION
AWS	AMERICAN WELDING SOCIETY
AZ	AZIMUTH
B&F	BELL AND FLANGE
BAL	BALANCE
BB	BACK TO BACK
BC	BOTTOM CHORD
BD	BOARD
BDRY	BOUNDARY
BEV	BEVEL
BFF	BELOW FINISH FLOOR
BKG	BACKING
BKGD	BACKGROUND
BLD	BUILD
BLDG	BUILDING
BLK	BLOCK/BLOCKING
BLT	BUILT
BLVD	BOLULEVARD
BLW	BELOW
BM	BEAM
BO	BOTTOM OF
BOS	BOTTOM OF STEEL
BOT	BOTTOM
B PL	BASE PLATE
BRCG	BRACING
BRDG	BRIDGING
BRG	BEARING
BRG PL	BEARING PLATE
BS	BOTH SIDES
BSMT	BASEMENT
BT WLD	BUTT WELD
BTWN	BETWEEN
C	CHANNEL
C/C	CENTER TO CENTER
CAM	CAMBER
CAN	CANOPY
CD	CONSTRUCTION DOCUMENTS, CONTRACT DOCUMENTS
CEM	CEMENT
CHFR	CHAMFER
CHKD	CHECKED/CHECKERED
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONSTRUCTION JOINT
CJ	CONTRACTION JOINT
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
cm	CENTIMETER
CMU	CONCRETE MASONRY UNIT
CO	COMPANY
COA	CITY OF ALBUQUERQUE
COL	COLUMN
COM	COMMON
CONC	CONCRETE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS, CONTINUE
CONTR	CONTRACTOR
COORD	COORDINATE
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CSI	CONSTRUCTION SPECIFICATIONS INSTITUTE
CTR	CENTER
CTRL	CONTROL
CU	CUBIC
CU YD	CUBIC YARD
D	DEEP, DEPTH
D-B	DESIGN-BUILD
DAT	DATUM
DBL	DOUBLE
DEG	DEGREE
DEL	DELETE
DEMO	DEMOLITION
DET	DETAIL
DEV	DEVELOPMENT
DFTG	DRAFTING
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFERENCE, DIFFERENTIAL
DIM	DIMENSION
DIST	DISTANCE
DIV	DIVIDE
DJ	DOUBLE JOIST
DL	DEAD LOAD
DOC	DOCUMENT
DOUG FIR	DOUGLAS FIR
DSGN	DESIGN
DWG	DRAWING
DWLDWLS	DOWELS
E	EAST, MODULUS OF ELASTICITY
EA	EACH
EE	EACH END
EF	EACH FACE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELAST	ELASTOMERIC
ELEC	ELECTRIC
ELEM	ELEMENTARY
ELEV	ELEVATOR
EMBED	EMBEDDED/ EMBEDMENT
ENCL	ENCLOSURE
ENGR	ENGINEER
EOS	EDGE OF SLAB
EPA	ENVIRONMENTAL PROTECTION AGENCY
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ESCAL	ESCALATOR
ESMT	EASEMENT

ABBREVIATIONS

EST	ESTIMATE
ETC	ET CETERA
EW	EACH WAY
EX	EXAMPLE
EXC	EXCAVATE
EXCL	EXCLUDE
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FF	FACE TO FACE
FAB	FABRIC
FACIL	FACILITY
FB	FLAT BAR
FD	FLOOR DRAIN
FDTN	FOUNDATION
FF	FAIR FACE
FF EL	FINISH FLOOR ELEVATION
FIN GR	FINISH GRADE
FH	FLAT HEAD
FIN	FINISH
FIN FLR	FINISH FLOOR
FLG	FLANGE
FLR	FLOOR
FLR SK	FLOOR SINK
FOF	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF SLAB
FOS	FACE OF STUD
FOW	FACE OF WALL
FR	FRAME
FRMG	FRAMING
FS	FAR SIDE
FSNTR	FASTENER
FT	FOOT/ FEET
FTLB	FOOT/POUND FORCE
FTG	FOOTING
FUT	FUTURE
G	GIRDER
GA	GAGE
GALV	GALVANIZED
GALV STL	GALVANIZED STEEL
GR BM	GRADE BEAM
GC	GENERAL CONTRACTOR
GEN	GENERAL
GLU LAM	GLUED LAMINATED WOOD
GLZ	GLAZING
GOVT	GOVERNMENT
GRTG	GRATING
GT	GROUT
H	HIGH
HAS	HEADED ANCHOR STUD
HST	HOLLOW-CORE
HCP	HANDICAPPED
HD	HEAVY DUTY
HGR	HANGER
HLDN	HOLLOWDOWN
HORIZ	HORIZONTAL
HS	HIGH STRENGTH
HSKPPG	HOUSEKEEPING
HSS	HOLLOW STRUCTURAL SECTIONS
HST	HOIST
HT	HEIGHT
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
IF	INSIDE FACE
IFS	INSIDE FACE OF STUD
IN	INCH
INCL	INCLUDED
INFO	INFORMATION
INLB	INCH-POUND
INLBF	INCH-POUND FORCE
INSTL	INSTALL
INSUL	INSULATION
INT	INTERIOR
IR	INSIDE RADIUS
K	K
K	THOUSAND
KB	KNEE BRACE
KCJ	KEYED CONTROL JOINT
KIP	THOUSAND POUNDS
KIP FT	THOUSAND FOOT/POUNDS
KLF	KIPS PER LINEAL FOOT
KO	KNOCK OUT
KOP	KNOCK OUT PANEL
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	ANGLE
LAM	LAMINATE
LATL	LATERAL
LBF	POUND FORCE
LBR	LUMBER
LBS	POUND
LD BRG	LOAD BEARING
LF	LINEAR FEET (FOOT)
LIN	LINEAR
LL	LIVE LOAD
LLBB	LONG LEG BACK TO BACK
LLH	LONG LEG HORIZONTAL
LV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LT GA	LIGHT GAGE
LT WT	LIGHT WEIGHT
LVR	LOUVER
LWC	LIGHTWEIGHT CONCRETE
M	MOMENT
MAINT	MAINTENANCE
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MOMENT CONNECTION
MCJ	MASONRY CONTROL JOINT
MD	METAL DECK
ME	MECHANICAL ENGINEER
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
ML	MICRO-LAMINATED
ML	MONOLITHIC
MO	MASONRY OPENING
MS	MACHINE SCREW
MSL	MEAN SEA LEVEL
MTL	METAL
N	NORTH
NA	NOT APPLICABLE
NF	NEAR FACE
NIC	NOT IN CONTRACT
NM	NEW MEXICO
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
OIO	OUT TO OUT
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OFS	OUTSIDE FACE OF STUD
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OPT	OPTIONAL
OR	OUTSIDE RADIUS
PAR	PARTIAL, PARAPET
PART	PARTIAL
PC	PIECE, PORTLAND CEMENT
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCI	PRECAST/PRESTRESSED CONCRETE
PE	PEDESTAL

ABBREVIATIONS

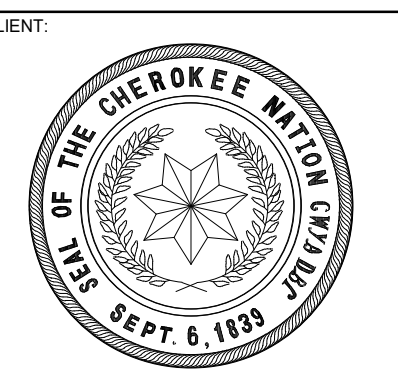
PEN	PENETRATE
PERIM	PERIMETER
PERP	PERPENDICULAR
PH	PHASE
PIL	PILASTER
PL	PLATE
PLAT	PLATFORM
PLBG	PLUMBING
PLF	POUNDS PER LINEAL FOOT
PLM	PARALLAM
PLYVD	PLYWOOD
POS	POSITION
PP	PANEL POINT
PRCST	PRECAST
PREFAB	PREFABRICATE
PRELIM	PRELIMINARY
PREV	PREVIOUS
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST-TENSIONED
PT CONC	POST-TENSIONED CONCRETE
PTN	PARTITION
PVG	PAVING
QTY	QUANTITY
QUAD	QUADRANT
R	RADIUS, RISER
RC	REINFORCED CONCRETE
RD	ROAD, ROOF DRAIN
REC	RECESSED
REF	REFERENCE
REINF	REINFORCE/REINFORCEMENT
REPL	REPLACE
REQ	REQUIRE
REQD	REQUIRED
REV	REVISION
RGD INS	RIGID INSULATION
RFI	REQUEST FOR INFORMATION
RND	ROUND
RO	ROUGH OPENING
RT	RIGHT
RVL	REVEAL
S	SOUTH
SCHM	SCHEMATIC
SCHED	SCHEDULE
SB	SHOP DRAWINGS
SDI	STEEL DECK INSTITUTE
SDL	SADDLE
SE	STRUCTURAL ENGINEER
SECT	SECTION
SF	SQUARE FEET (FOOT)
SHT	SHEET, SHAFT
SHTHG	SHEATHING
SM	SIMILAR
SJ	STEEL JOIST INSTITUTE
SLNT	SEALANT
SM	SMOOTH
SP	SUMP PIT
SFA	SPACE/SPACES
SPEC	SPECIFICATION
SPRT	SUPPORT
SQ	SQUARE
SQ IN	SQUARE INCH
SQ YD	SQUARE YARD
SSPC	STRUCTURAL STEEL PAINTING COUNCIL
ST	STAIRS
STAG	STAGGERED
STD	STANDARD
STIF	STIFFENER
STR	STIRRUP
STAG	STAGGERED
STD	STANDARD
STIF	STIFFENER
STR	STIRRUP
STL	STEEL
STL LNTL	STEEL LINTEL
STL	JST STEEL JOIST
STL PL	STEEL PLATE
STL RF DK	STEEL ROOF DECK
STR	STRINGERS
STRUCT	STRUCTURAL
SUB	SUBSTITUTE
SUF	SUFFICIENT
SUP	SUPPLEMENTARY
SUPPL	SUPPLEMENT
KO	SYMBOL
SYM	SYMMETRICAL
SYMM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TAN	TANGENT
TB	THRU BOLT
TEMP	TEMPORARY
THD	THREAD
THK	THICKNESS
THRU	THROUGH
TJI	TRUSS JOIST INSTITUTE
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOC FTG	TOP OF CONCRETE FOOTING
TOC WALL	TOP OF CONCRETE WALL
TOF	TOP OF FOOTING
TOG	TOP OF GRATE
TOJ	TOP OF JOIST
TOL	TOLERANCE
TOM	TOP OF MASONRY
TOP	TOP OF PARAPET
TOS	TOP OF SLAB
TOT	TOP OF STEEL
TOW	TOP OF WALL
TRANS	TRANSVERSE
TRNBKL	TURNBUCKLE
TYP	TYPICAL
UBC	UNIFORM BUILDING CODE
UNO	UNLESS NOTED OTHERWISE
VAR	VARIABLES
VERT	VERTICAL
VIF	VERIFY IN FIELD
VENER	VENEER
VR	VAPOR RETARDER
VRFY	VERIFY
W	WEST, WIDE
W	WITH
W/O	WITHOUT
WBL	WOOD BLOCKING
WD	WOOD
WF	WIDE FLANGE
WF BM	WIDE FLANGE BEAM
WL	WIND LOAD
WLD	WELDED
WM	WIRE MESH
WP	WATERPROOFING
WSCOT	WANSNOT
WT	WEIGHT
WTF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
X BRACE	CROSS BRACING
XXH	DOUBLE EXTRA HEAVY
YD	YARD



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PROFESSIONAL SEAL
NOTE: THIS STRUCTURAL PACKAGE MAY BE USED FOR PROCUREMENT OF STRUCTURAL STEEL SHAPES. ANY CHANGES TO THE PROJECT, INCLUDING, BUT NOT LIMITED TO, LOADING REQUIREMENTS, GEOMETRY CHANGES IN PLAN OR ELEVATION, SPACE USAGE REVISIONS, OR VALUE ENGINEERING MAY AFFECT THE STRUCTURAL STEEL MEMBER REQUIREMENTS OF THE ALREADY PROCURED STEEL.

CONSULTANT LOGO



COLLEGE OF
Osteopathic Medicine<

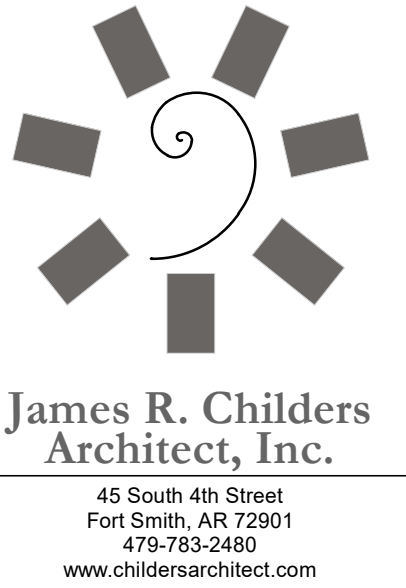
GENERAL STRUCTURAL NOTES. FOUNDATION NOTES. GENERAL: A SUBSURFACE SOIL INVESTIGATION HAS BEEN MADE BY PALMERTON AND PARRISH, INC., PROJECT NO. 255932. REPORT OF THAT INVESTIGATION DATED 1/30/19 IS AVAILABLE FOR VIEWING IN THE PROJECT MANUAL.

GENERAL STRUCTURAL NOTES. CODES AND MANUALS: IBC-15 INTERNATIONAL BUILDING CODE 2015 ASCE/SEI 3-91 STRUCTURAL DESIGN OF COMPOSITE SLABS. IBC/SEI 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

GENERAL STRUCTURAL NOTES. PROVIDE STRUCTURAL ENGINEER A COPY OF WRITTEN NOTIFICATION WHEN IT IS PROVIDED TO THE STEEL ERECTOR. ANCHOR RODS (ANCHOR BOLTS) SHALL NOT BE REPAIRED, REPLACED OR FIELD-MODIFIED WITHOUT THE APPROVAL OF THE PROJECT STRUCTURAL ENGINEER OF RECORD.

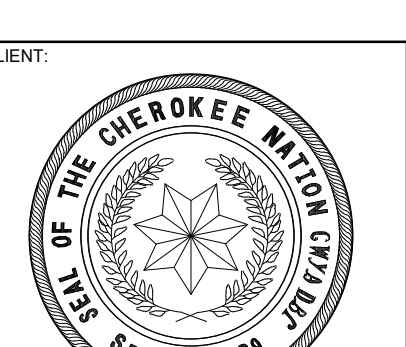
GENERAL STRUCTURAL NOTES. CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3". B. CONCRETE CAST AGAINST FORMS BUT EXPOSED TO EARTH OR WEATHER: 2".

GENERAL STRUCTURAL NOTES. THE TOPPING SLAB SHALL BE POURED AND PLACED TO THE ELEVATION INDICATED ON THE DRAWINGS. THE CONCRETE FOR THE SLAB SHALL BE POURED AND PLACED TO THE ELEVATION INDICATED ON THE DRAWINGS WHILE MAINTAINING THE MINIMUM THICKNESS.



PROFESSIONAL SEAL: NOTE: THIS STRUCTURAL PACKAGE MAY BE USED FOR PROCUREMENT OF STRUCTURAL STEEL SHAPES ANY CHANGES TO THE PROJECT, INCLUDING, BUT NOT LIMITED TO, LOADING REQUIREMENTS, GEOMETRY CHANGES IN PLAN OR ELEVATION, SPACE USAGE REVISIONS, OR VALUE ENGINEERING MAY AFFECT THE STRUCTURAL STEEL MEMBER REQUIREMENTS OF THE ALREADY PROCURED STEEL.

CONSULTANT LOGO



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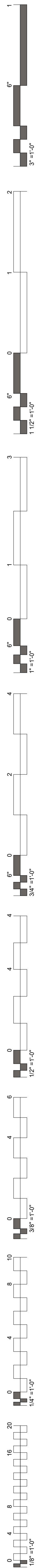
KEY PLAN

Table with columns: #, DATE, REVISIONS, DESCRIPTION

Table with columns: DATE, JOB NUMBER

DATE: 03-15-19 JOB NUMBER: 17-13 SHEET NUMBER: S0.02

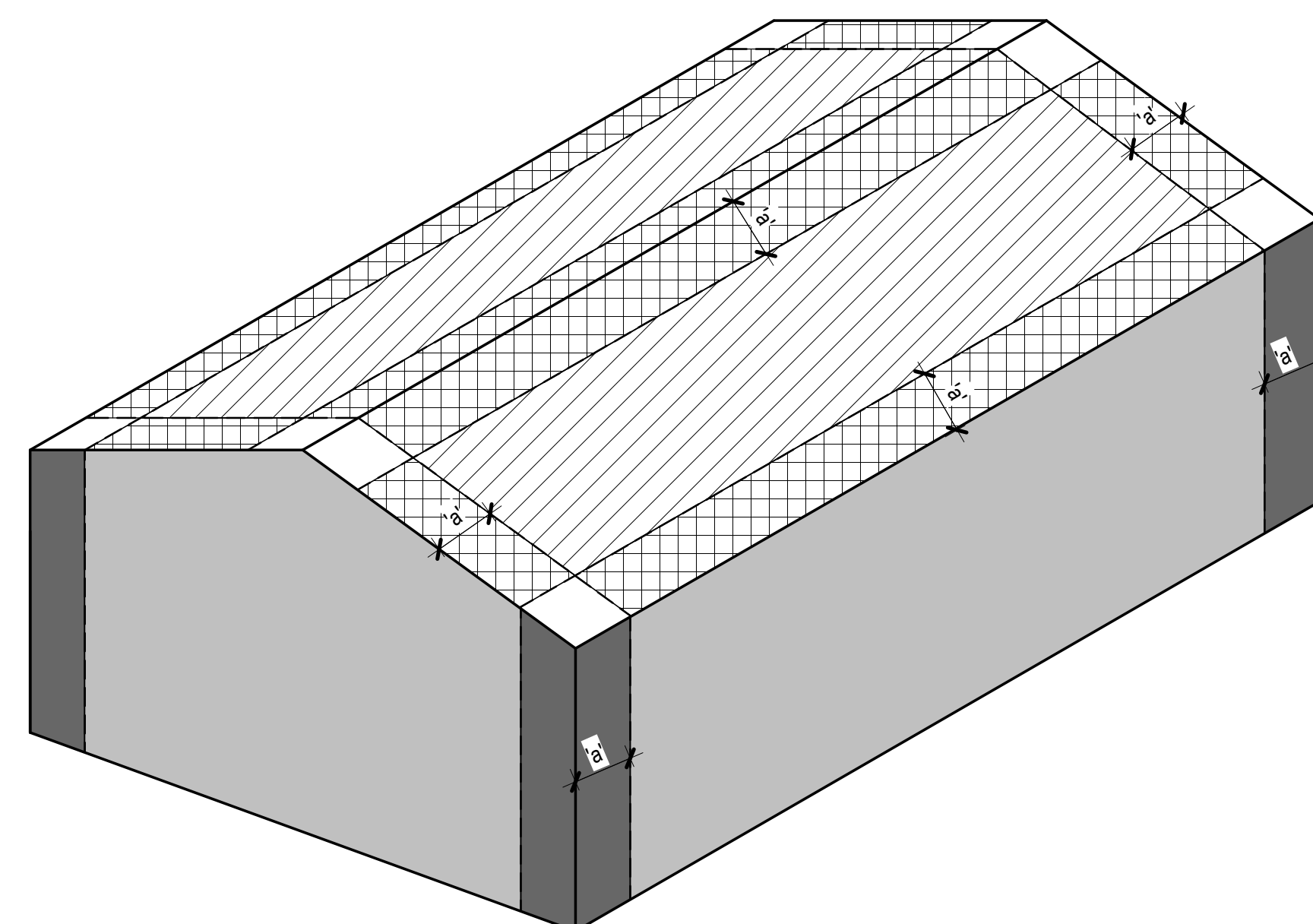
GENERAL STRUCTURAL NOTES



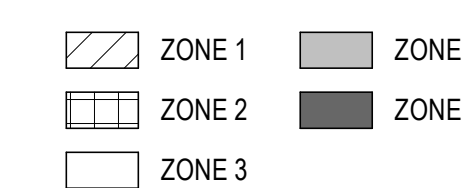
SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS

- SPECIAL INSPECTIONS / TESTING - "SPECIAL STRUCTURAL INSPECTION" SHALL NOT RELIEVE THE OWNER OR THEIR AGENT FROM HAVING THE INSPECTIONS OF THE JURISDICTION BUILDING DEPARTMENT PER SECTION 110 OF THE IBC PERFORMED. BOTH THE JURISDICTION BUILDING DEPARTMENT INSPECTIONS AND "SPECIAL STRUCTURAL INSPECTION" SHALL BE PERFORMED.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE JURISDICTION BUILDING OFFICIAL AND SPECIAL INSPECTOR WHEN WORK IS READY FOR INSPECTION.
- REPORTING FOR SPECIAL INSPECTION - SPECIAL INSPECTION AND TESTING REPORTS SHALL BE COMPLETED AND DISTRIBUTED AT THE COMPLETION OF EACH TASK. IF A TASK IS TO TAKE LONGER THAN THREE (3) DAYS, PROVIDE REPORTS FOR EACH DAY. PROVIDE COPIES OF REPORTS TO CONTRACTOR, OWNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. SPECIAL INSPECTOR TO KEEP A NON-COMPLIANCE LIST DOCUMENTING ITEMS INSPECTED NOT MEETING APPROVED CONSTRUCTION DOCUMENTS AND WHEN / HOW RESOLVED.
- SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.
- SPECIAL INSPECTION OF SHOP FABRICATED MEMBERS AND ASSEMBLIES SHALL BE IN ACCORDANCE WITH SECTION 1704.2, UNLESS FABRICATOR IS APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTION.
- IN ACCORDANCE WITH IBC CHAPTER 17, THE OWNER OR THE OWNER'S AGENT, OTHER THAN THE CONTRACTOR, SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PROVIDE SPECIAL INSPECTIONS AND TESTS, DURING CONSTRUCTION FOR THE TYPES OF WORK LISTED BELOW THESE SPECIAL INSPECTIONS AND TESTS ARE IN ADDITION TO THE INSPECTIONS BY THE BUILDING OFFICIAL IDENTIFIED IN IBC SECTION 110
- DEFINITIONS:
 * **SPECIAL INSPECTION:** INSPECTION AS HEREIN REQUIRED BY A QUALIFIED SPECIAL INSPECTOR COMPETENT WITH THE MATERIALS, INSTALLATION, FABRICATION, ERECTION OR PLACEMENT OF COMPONENTS AND CONNECTIONS REQUIRING SPECIAL EXPERTISE TO ENSURE COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS (SEE SECTION 1704)
 * **CONTINUOUS SPECIAL INSPECTION:** FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
 * **PERIODIC SPECIAL INSPECTION:** THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.

ITEM	DESCRIPTION OF REQUIREMENTS	REQUIRED (YES/NO)
SPECIAL INSPECTION OF STRUCTURAL STEEL	TO BE PERFORMED IN ACCORDANCE WITH CHAPTER N OF AISC 360-10	YES
SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.2	YES
SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE CONSTRUCTION	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.3	YES
SPECIAL INSPECTIONS AND VERIFICATIONS FOR WOOD CONSTRUCTION	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.5	NO
SPECIAL INSPECTIONS AND VERIFICATIONS OF SOILS	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.6, THE GEOTECHNICAL REPORT LISTED IN THE GENERAL FOUNDATION NOTES, AND ANY OTHER REQUIREMENTS LISTED IN THE GENERAL FOUNDATION NOTES	YES



a = 9 FT	EFFECTIVE WIND AREA (FT ²)		
ZONE	10	100	500
1	-58.1	-48.2	-40.7
2	-91.3	-75.8	-63.9
1 AND 2 OVERHANGS	-91.3	-91.3	-91.3
3	-124.4	-103.2	-87.1
3 OVERHANGS	-143.0	-134.4	-128.7
4	39.7	35.0	31.8
4 PARAPETS	131.0	115.3	104.8
5	72.8	55.6	43.7
5 PARAPETS	164.1	125.2	98.5



A4 COMPONENT AND CLADDING WIND LOADING DIAGRAM
SCALE: 3/8" = 1'-0"

GENERAL STRUCTURAL NOTES

TEMPORARY SHORING OF EXCAVATIONS:

THE TEMPORARY SHORING OF EXCAVATIONS SHALL BE SOIL NAIL/SHOTCRETE SYSTEM, SHEET PILING, OR APPROVED EQUAL.

THE SHORING SHALL NOT BE DRIVEN OR INSTALLED IN ANY MANNER THAT COULD POTENTIALLY DAMAGE EXISTING STRUCTURES OR CAUSE HUMAN DISCOMFORT.

THE CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO INSTALLING SHORING. PROVISIONS SHALL BE MADE TO AVOID EXISTING UTILITIES.

THE SHORING AS SHOWN ON THE PLANS IS FOR GRAPHICAL REPRESENTATION ONLY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND CONFIGURATION OF THE SHORING.

ANY SHORING THAT REMAINS IN PLACE SHALL NOT HAMPER FUTURE CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND INSTALLING THE TEMPORARY SHORING. STAMPED SHOP DRAWINGS, INCLUDING CALCULATIONS, SHALL BE SUBMITTED FOR APPROVAL PRIOR TO ANY SHORING INSTALLATION.

THE ENGINEER STAMPING THE SHOP DRAWINGS SHALL BE REGISTERED IN THE STATE THAT THE PROJECT IS LOCATED.

DEMOLITION:

NOTCHING OR CUTTING ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED, UNLESS DETAILED OTHERWISE ON THE STRUCTURAL PLANS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL APPLICABLE STANDARDS SET FORTH BY OSHA.

PRIOR TO STARTING DEMOLITION WORK, THE CONTRACTOR SHALL MAKE AN INSPECTION OF ALL SURROUNDING IMPROVEMENTS TO REMAIN, TO DETERMINE AND RECORD THEIR EXISTING PHYSICAL CONDITION.

SHORING AND BRACING: THE CONTRACTOR SHALL FURNISH ALL SHORING, BRACING, AND INCIDENTALS NECESSARY AND REQUIRED FOR THE PROPER SUPPORT AND SAFETY OF ALL MEMBERS AFFECTED BY DEMOLITION WORK.

WHERE DEMOLITION WOULD AFFECT THE STRUCTURAL INTEGRITY OF THE REMAINING STRUCTURE, THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY FIELD CONDITION WHICH WOULD PRESENT A HAZARDOUS CONDITION TO THE STRUCTURE BEFORE PROCEEDING.

PROTECTION: PROPER PRECAUTIONS SHALL BE TAKEN AT ALL TIMES TO PROTECT VEHICULAR AND PEDESTRIAN TRAFFIC FROM ANY DAMAGE OR INJURY WHICH MAY BE CAUSED, EITHER DIRECTLY OR INDIRECTLY, BY THE WORK INCLUDED ON THESE DRAWINGS. SUCH PRECAUTIONS SHALL INCLUDE THE ERECTION AND MAINTENANCE OF FENCES, BARRICADES, RAILINGS, GUARDS, SIGNS, COVERINGS, LIGHTS, AND OTHER PRECAUTIONS AS MAY BE REQUIRED. IF AT ANY TIME, IN THE OPINION OF THE OWNER OR THE OWNER'S REPRESENTATIVE, PROPER PRECAUTIONS ARE NOT BEING TAKEN TO SECURE THIS PROTECTION, THE CONTRACTOR SHALL AT NO ADDITIONAL COST TO THE OWNER, INSTALL AND MAINTAIN SUCH ADDITIONAL PROTECTION AS MAY BE DIRECTED BY THE OWNER.

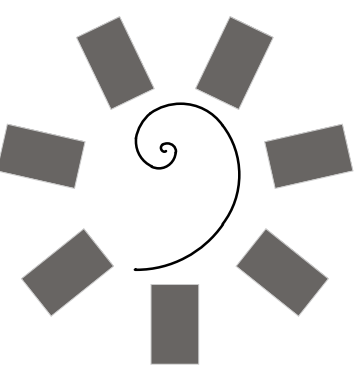
POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

REMOVE DEBRIS FROM THE SITE AS IT ACCUMULATES. UNLESS OTHERWISE NOTED, DO NOT STORE, SELL, BURN, OR OTHERWISE DISPOSE OF DEBRIS ON THE SITE. REMOVAL OF DEBRIS INCLUDES CLEARING OF ALL LOWER LEVELS AND SIMILAR BELOW GRADE STRUCTURES. REMOVE ALL DEBRIS IN SUCH A MANNER AS TO PREVENT SPILLAGE. KEEP ALL PAVEMENTS AND AREAS ADJACENT TO THE SITE CLEAN AND FREE FROM MUD, DIRT, AND DEBRIS AT ALL TIMES.

USE OF EXPLOSIVES: THE CONTRACTOR IS ABSOLUTELY PROHIBITED FROM USING DYNAMITE OR ANY OTHER EXPLOSIVES IN ANY OF THE WORK OR OPERATIONS SHOWN ON THESE PLANS AT THE PROJECT SITE.

DEMOLITION SHALL BE PERFORMED IN A MANNER THAT WILL NOT DAMAGE ADJOINING SURFACES INDICATED TO REMAIN. SURFACES SHALL BE PATCHED, IF REQUIRED, TO PROVIDE A SUITABLE SUBSTRATE FOR NEW CONSTRUCTION.

SPECIFIC DEMOLITION NOTES ARE NOT TO BE CONSIDERED ALL INCLUSIVE OR COMPLETE IN THEMSELVES. CONTRACTOR SHALL PROVIDE ALL DEMOLITION INCIDENTAL TO OR REQUIRED FOR CONSTRUCTION WHETHER SPECIFICALLY NOTED OR NOT.



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PROFESSIONAL SEAL:
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CONSULTANT LOGO



CLIENT:



COLLEGE OF
Osteopathic Medicine
AT THE CHEROKEE NATION
TAHLEQUAH, OKLAHOMA



KEY PLAN:

PROJECT PHASE:

**BULK STEEL PACKAGE
NOT FOR CONSTRUCTION**

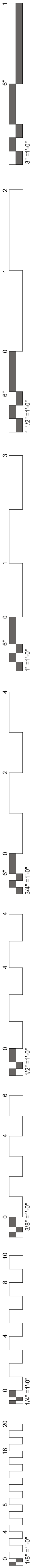
#	DATE	REVISIONS DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:

S0.03

SPECIAL INSPECTION TABLES



GENERAL SHEET NOTES

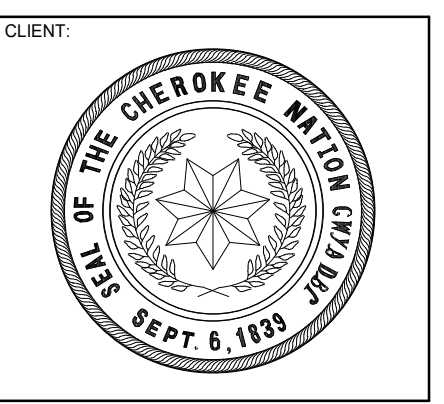
- SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET.
- REFERENCE FINISH FLOOR ELEVATION 100'-0" = MEAN SEA FINISH FLOOR ELEVATION. SEE CIVIL DRAWINGS.
- NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISI CODE OF STANDARD PRACTICES.
- DIMENSIONS ARE TO THE FACE OF CONCRETE UNLESS NOTED OTHERWISE.
- PROVIDE SLAB JOINTS AT 10'-0" ON CENTER MAXIMUM. THE AREA OF THE CONTROL JOINT SHALL NOT EXCEED A 2:1 RATIO. CONTROL JOINTS SHALL BE LOCATED AT COLUMN LINES WHERE THE LAYOUT PERMITS. AT RE-ENTRANT CORNERS THAT DO NOT HAVE CONTROL JOINTS, PROVIDE 2-#4 x 3'-0" DIAGONAL TO THE RE-ENTRANT CORNER.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- SEE S7.00 SERIES SHEETS FOR TYPICAL FOUNDATION SECTIONS AND DETAILS.
- SEE SHEET S6.01 FOR SCHEDULES.
- UNDER SLAB FRENCH DRAIN SYSTEM REQUIRED BELOW THE SLAB ON GRADE IN THE BASEMENT. SEE GEOTECHNICAL REPORT SECTION 12 FOR ADDITIONAL INFORMATION.

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CONSULTANT LOGO

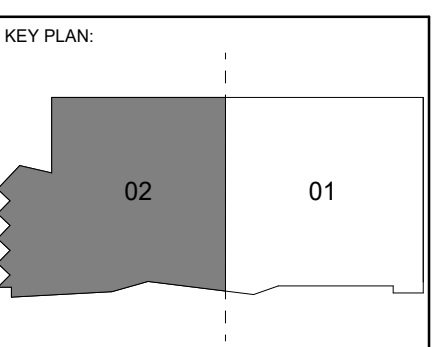
Chavez-Grievos
 consulting engineers, inc.
 4200 Locust Road, Suite 101, Ardmore, OK 73401
 505-344-4000 505-343-8759 (fax)



SHEET KEYNOTE

- FLOOR DRAIN / MOP SINK. SLOPE SLAB TO DRAIN 1/8" PER FOOT. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- ELEVATOR SUMP PIT. COORDINATE EXACT SIZE AND LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.61
- HSS6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER. SEE B4 / S5.61
- TOP OF FOOTING ELEVATION = 79'-6". ELEVATION SHALL BE COORDINATED WITH TOP OF ELEVATOR PIT FOOTING. CONTRACTOR TO COORDINATE.
- HSS6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER. SEE D4 / S5.61

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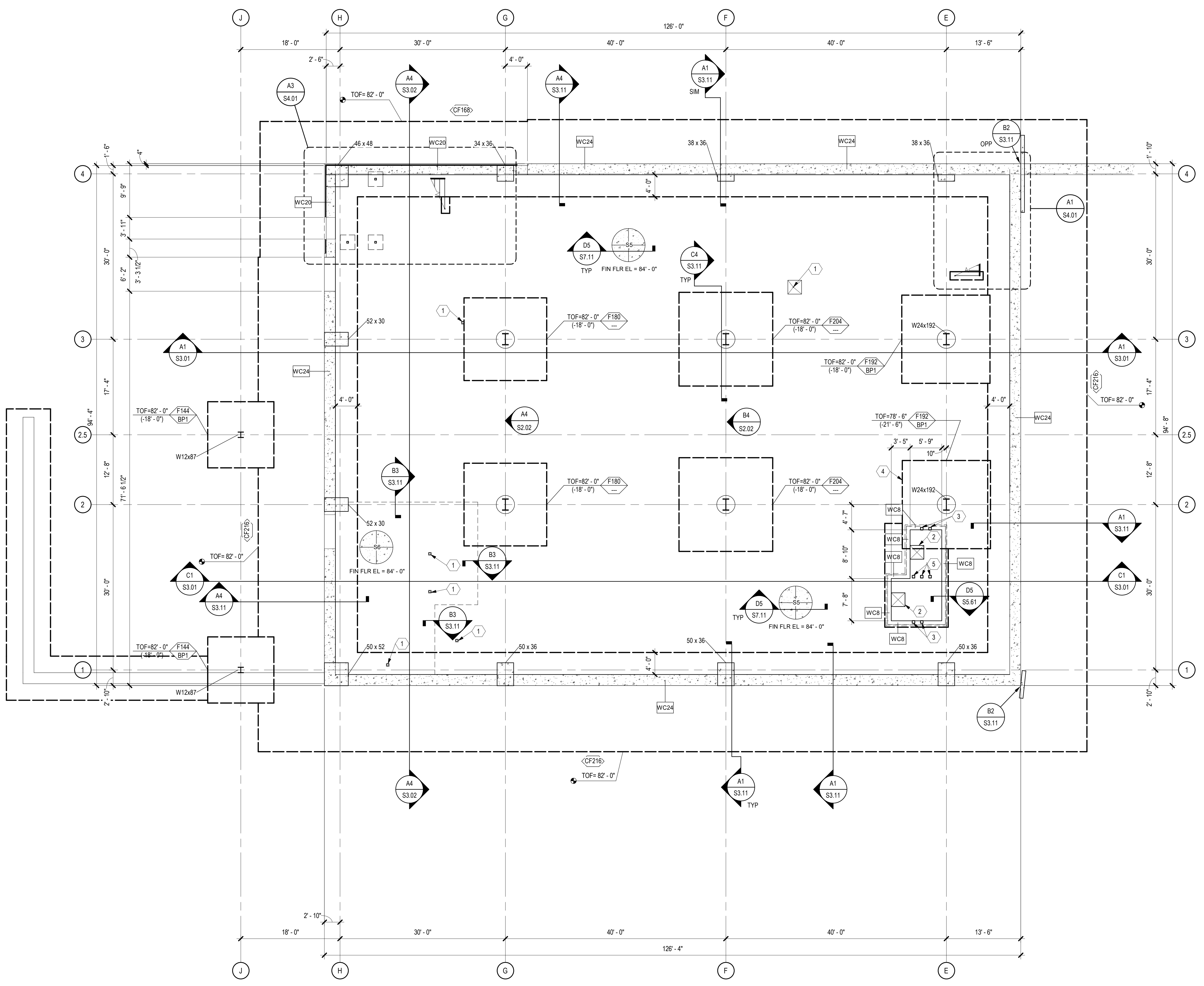
PROJECT PHASE:
 BULK STEEL PACKAGE
 NOT FOR CONSTRUCTION

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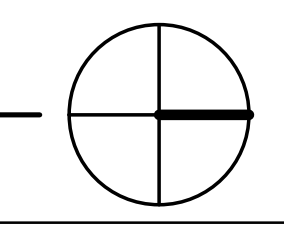
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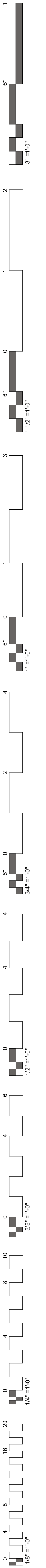
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S1.02

BASEMENT FOUNDATION PLAN - SECTOR 2



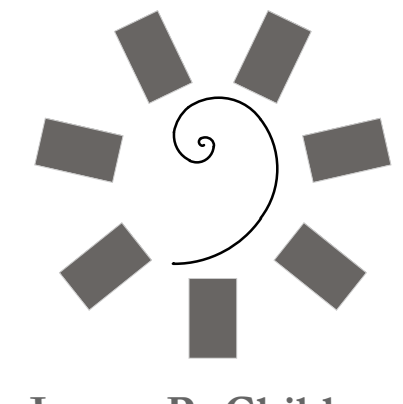
A1 BASEMENT FOUNDATION PLAN - SECTOR 2
 SCALE: 1/8" = 1'-0"





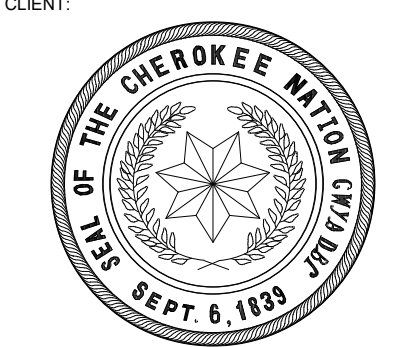
GENERAL SHEET NOTES

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- NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF STANDARD PRACTICES.
- DIMENSIONS ARE TO THE FACE OF CONCRETE OR STUDS UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN.
- BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTED OTHERWISE.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS.
- SEE SHEET S6.01 FOR SCHEDULES.
- ALL MOMENT FRAMES LABELED ON PLAN UTILIZE SIDEPLATE PROPRIETARY MOMENT CONNECTIONS. SEE S8.00 SERIES SHEETS.
- DENOTES MOMENT CONNECTION PER TYPICAL DETAILS.
- DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS.
- DIMENSIONS SHOWN ON PLAN AS FOLLOWS ARE CONCRETE COLUMN DIMENSIONS IN INCHES: 38x36, 50x36, ETC.



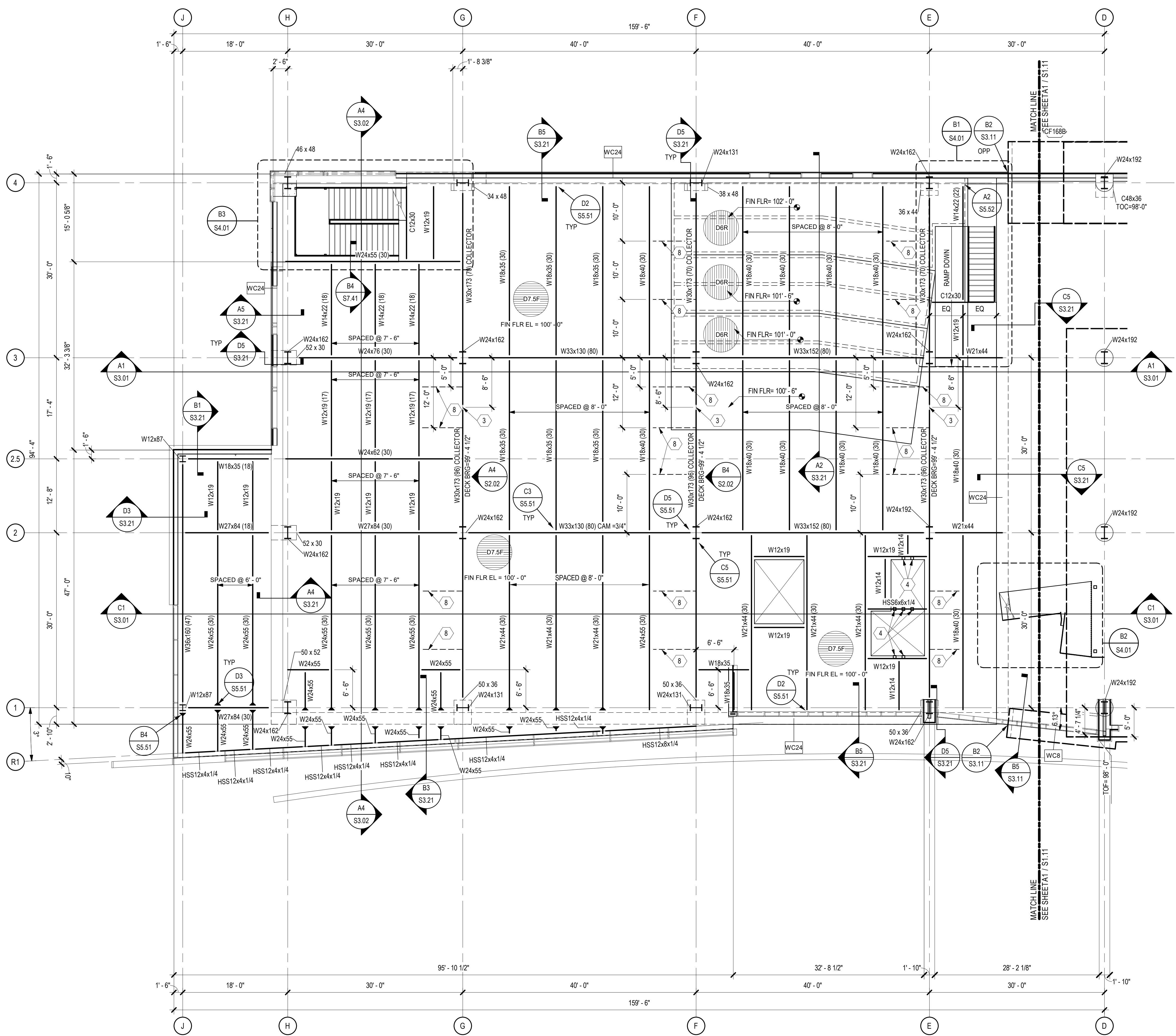
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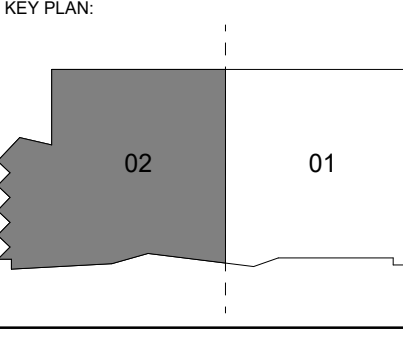
SHEET KEYNOTE

- HSS6x4x1/2 ELEVATOR RAIL SUPPORT POST. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE B4 / S5.62, C4 / S5.62, D4 / S5.62.
- OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A5 / S5.52 FOR SUPPORT.
- BEAM SPICE LOCATION. SEE B4 / S5.52 FOR SPICE DETAIL.
- HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, AND C3 / S5.62.
- W8x31 OUTRIGGER.
- TOTAL NUMBER OF CHORD REINFORCEMENT BARS AT EXTENTS SHOWN. CHORD REINFORCEMENT SHALL BE LOCATED AS INDICATED ON PLAN. PROVIDE 130% LAP SPLICES WHEN REQUIRED.
- 3-#7 SLAB REINFORCING BARS. EXTEND BARS 130% OF A LAP SPLICE LENGTH BEYOND OPENING, OR PROVIDE STD 90 DEGREE HOOK WHERE REQUIRED.
- BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE. SEE B1 / S5.52.
- BOTTOM FLANGE BRACING SPACED AT 10'-0" ON CENTER MAXIMUM, UNLESS NOTED OTHERWISE. SEE A1 / S5.52.



A1 FIRST FLOOR FRAMING PLAN - SECTOR 2
SCALE: 1/8" = 1'-0"

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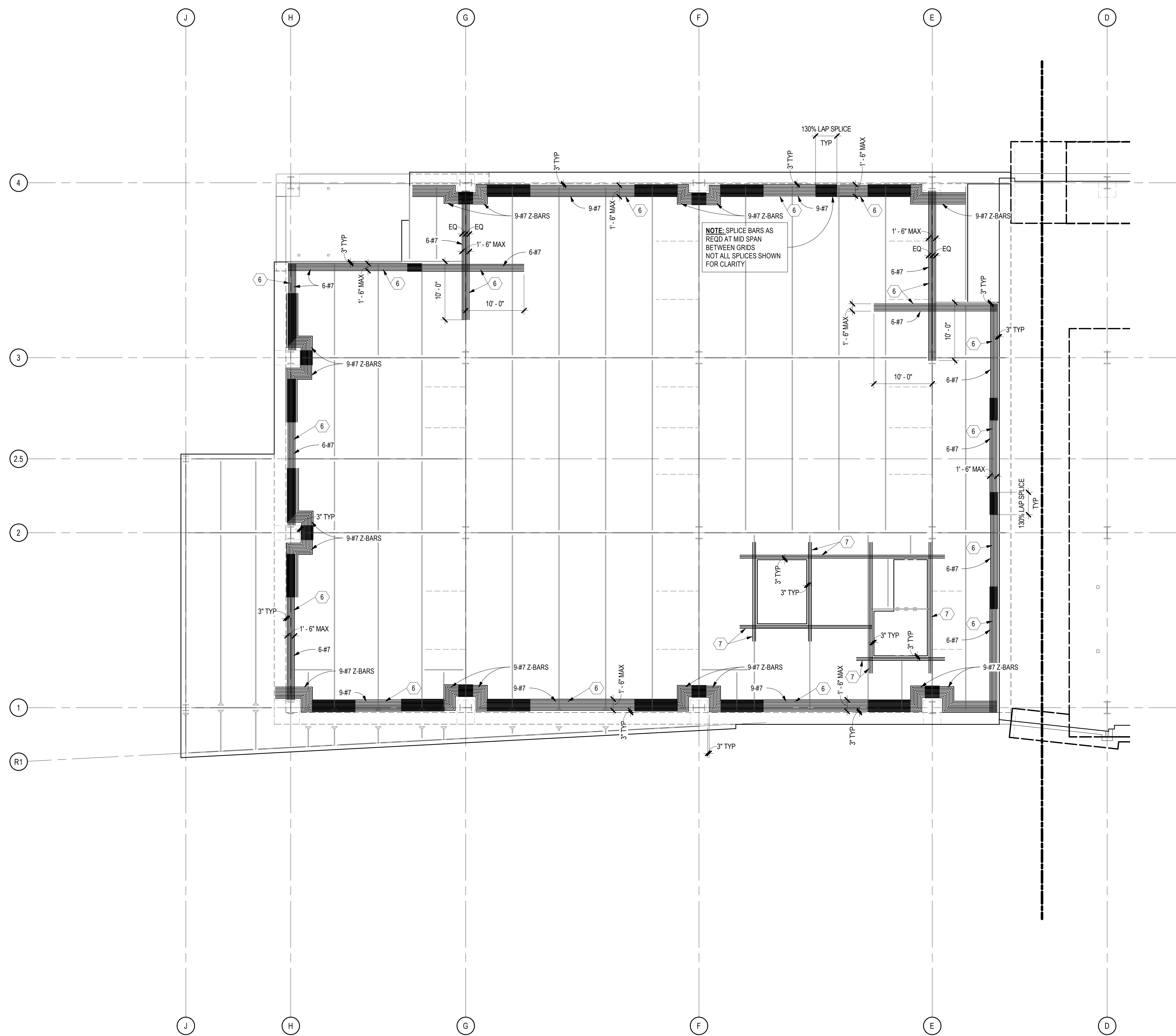
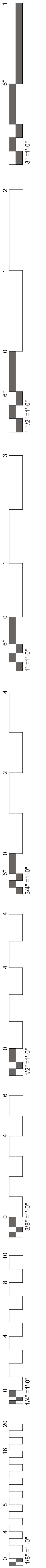
PROJECT PHASE:
BULK STEEL PACKAGE
NOT FOR CONSTRUCTION

#	DATE	REVISIONS	DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S1.12

FIRST FLOOR FRAMING
PLAN - SECTOR 2



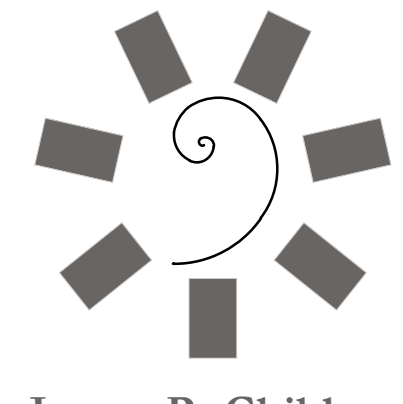
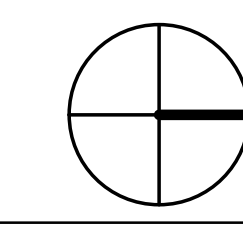
GENERAL SHEET NOTES

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- NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF STANDARD PRACTICES.
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- BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTED OTHERWISE.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS.
- SEE SHEET S6.01 FOR SCHEDULES.
- ALL MOMENT FRAMES LABELED ON PLAN UTILIZE SIDEPLATE PROPRIETARY MOMENT CONNECTIONS. SEE S8.00 SERIES SHEETS
10. DENOTES MOMENT CONNECTION PER TYPICAL DETAILS.
11. DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS.
12. DIMENSIONS SHOWN ON PLAN AS FOLLOWS ARE CONCRETE COLUMN DIMENSIONS IN INCHES: 38x36, 50x36, ETC.

SHEET KEYNOTE

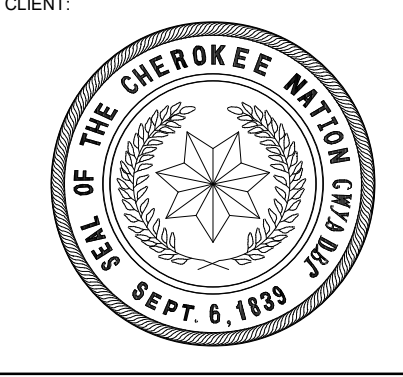
- HSS6x1/2 ELEVATOR RAIL SUPPORT POST. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE B4 / S5.62, C4 / S5.62, D4 / S5.62
- OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A5 / S5.52 FOR SUPPORT.
- BEAM SPLICE LOCATION. SEE B4 / S5.52 FOR SPLICE DETAIL.
- HSS6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, D4 / S5.62, AND C3 / S5.62
- W8x31 OUTRIGGER.
- TOTAL NUMBER OF CHORD REINFORCEMENT BARS AT EXTENTS SHOWN. CHORD REINFORCEMENT SHALL BE LOCATED AS INDICATED ON PLAN. PROVIDE 130% LAP SPLICES WHEN REQUIRED.
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- BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE. SEE B1 / S5.52
- BOTTOM FLANGE BRACING SPACED AT 10'-0" ON CENTER MAXIMUM, UNLESS NOTED OTHERWISE. SEE A1 / S5.52

A1 FIRST FLOOR FRAMING PLAN - SECTOR 2 SLAB PLAN
SCALE: 1/8" = 1'-0"

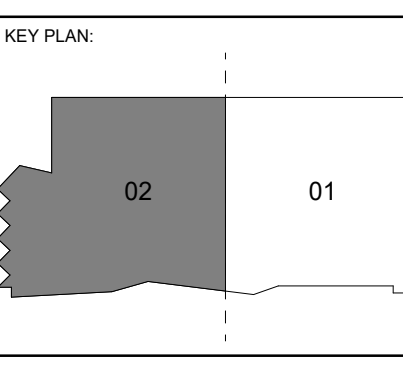


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PROFESSIONAL SEAL:
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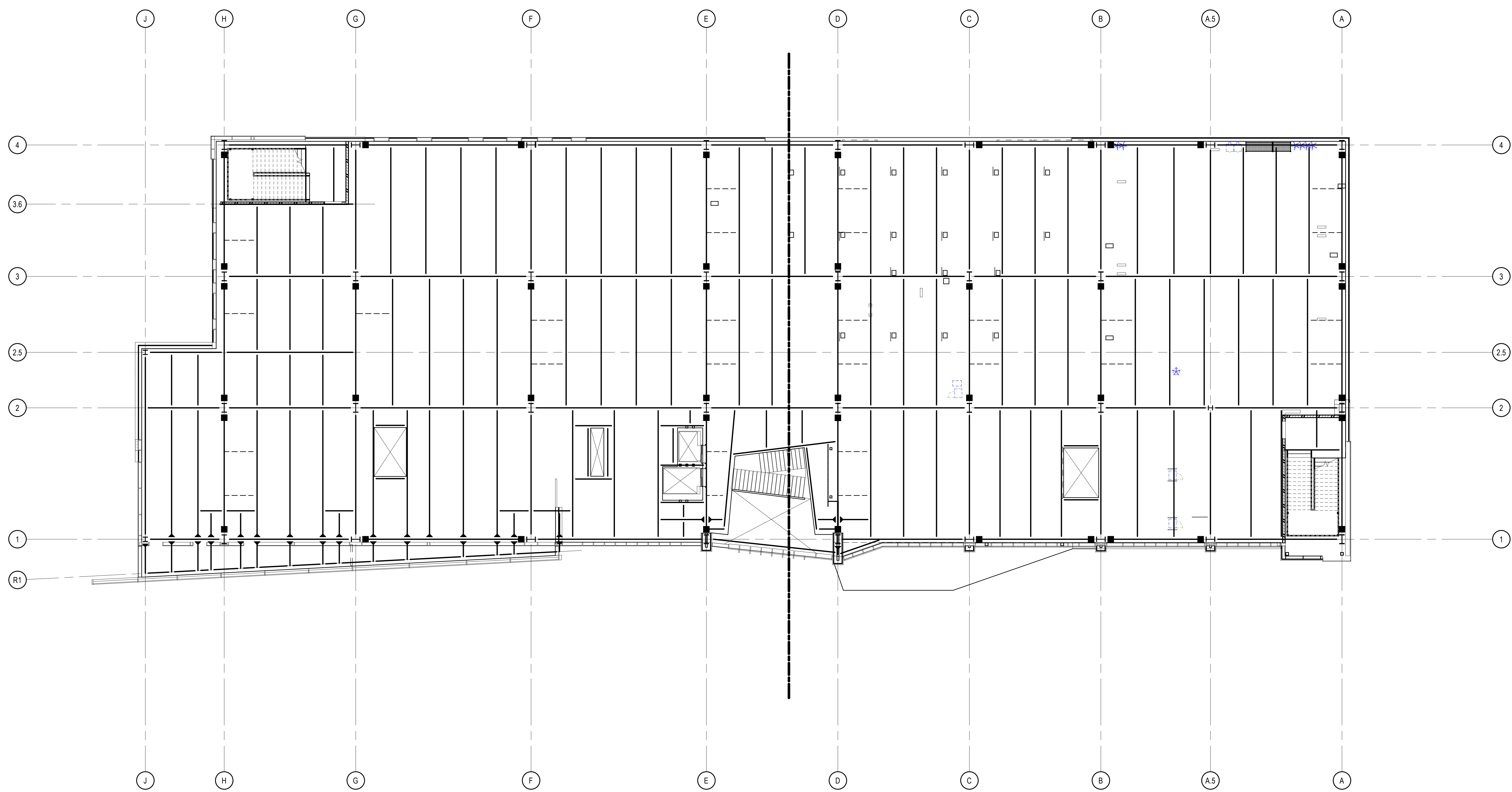
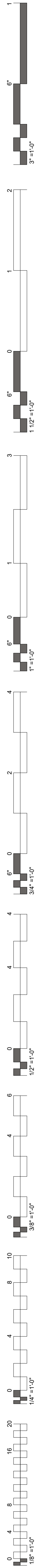
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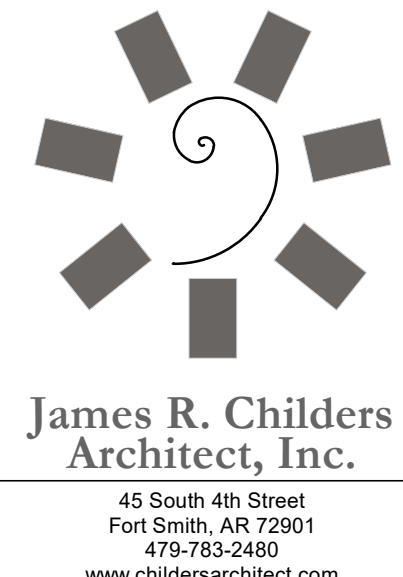
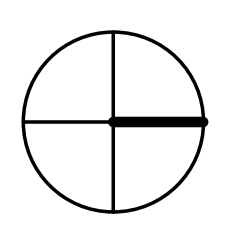
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SHEET NUMBER:
S1.13

FIRST FLOOR SLAB
REINFORCING PLAN -
SECTOR 2

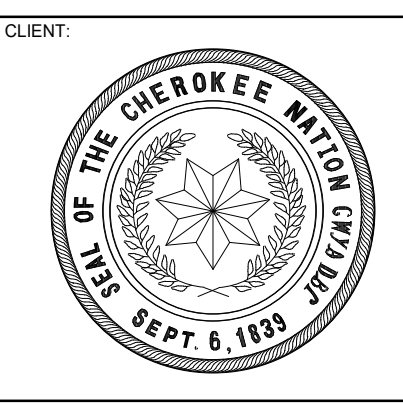


A1 SECOND FLOOR FRAMING PLAN - OVERALL PLAN
SCALE: 3/32" = 1'-0"

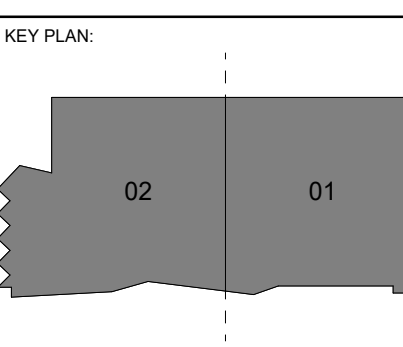


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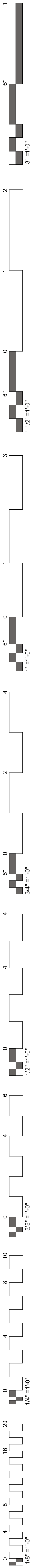
PROJECT PHASE:
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DATE: 03-15-19 JOB NUMBER: 17-13

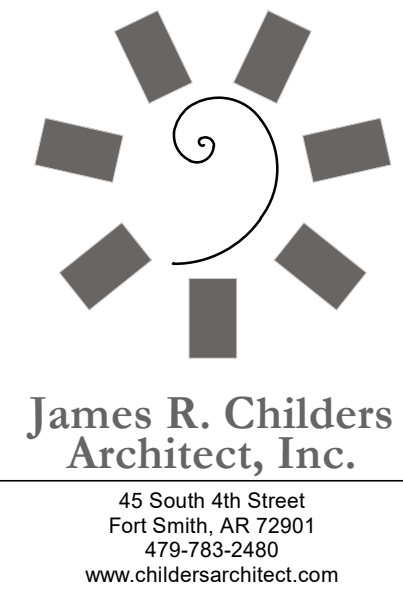
SHEET NUMBER:
S1.20

SECOND FLOOR
FRAMING PLAN -
OVERALL PLAN

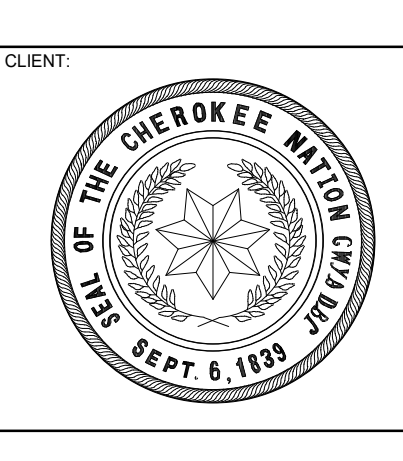


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- SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN.
- BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTED OTHERWISE.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
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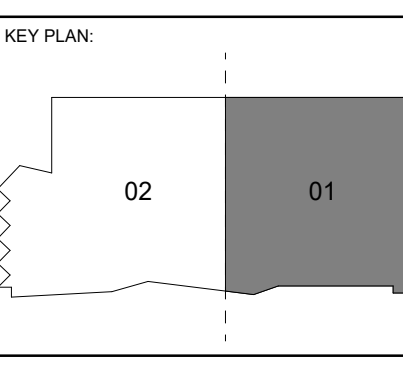
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SHEET KEYNOTE

- HSS6x4x1/2 ELEVATOR RAIL SUPPORT POST. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE B4 / S5.62, C4 / S5.62, D4 / S5.62
- OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A5 / S5.52 FOR SUPPORT.
- BEAM SPLICE LOCATION. SEE B4 / S5.52 FOR SPLICE DETAIL.
- HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, D4 / S5.62, AND C3 / S5.62
- W8x31 OUTRIGGER.
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- 3#7 SLAB REINFORCING BARS. EXTEND BARS 130% OF A LAP SPLICE LENGTH BEYOND OPENING, OR PROVIDE STD 90 DEGREE HOOK WHERE REQUIRED.
- BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE. SEE B1 / S5.52
- BOTTOM FLANGE BRACING SPACED AT 10'-0" ON CENTER MAXIMUM, UNLESS NOTED OTHERWISE. SEE A1 / S5.52

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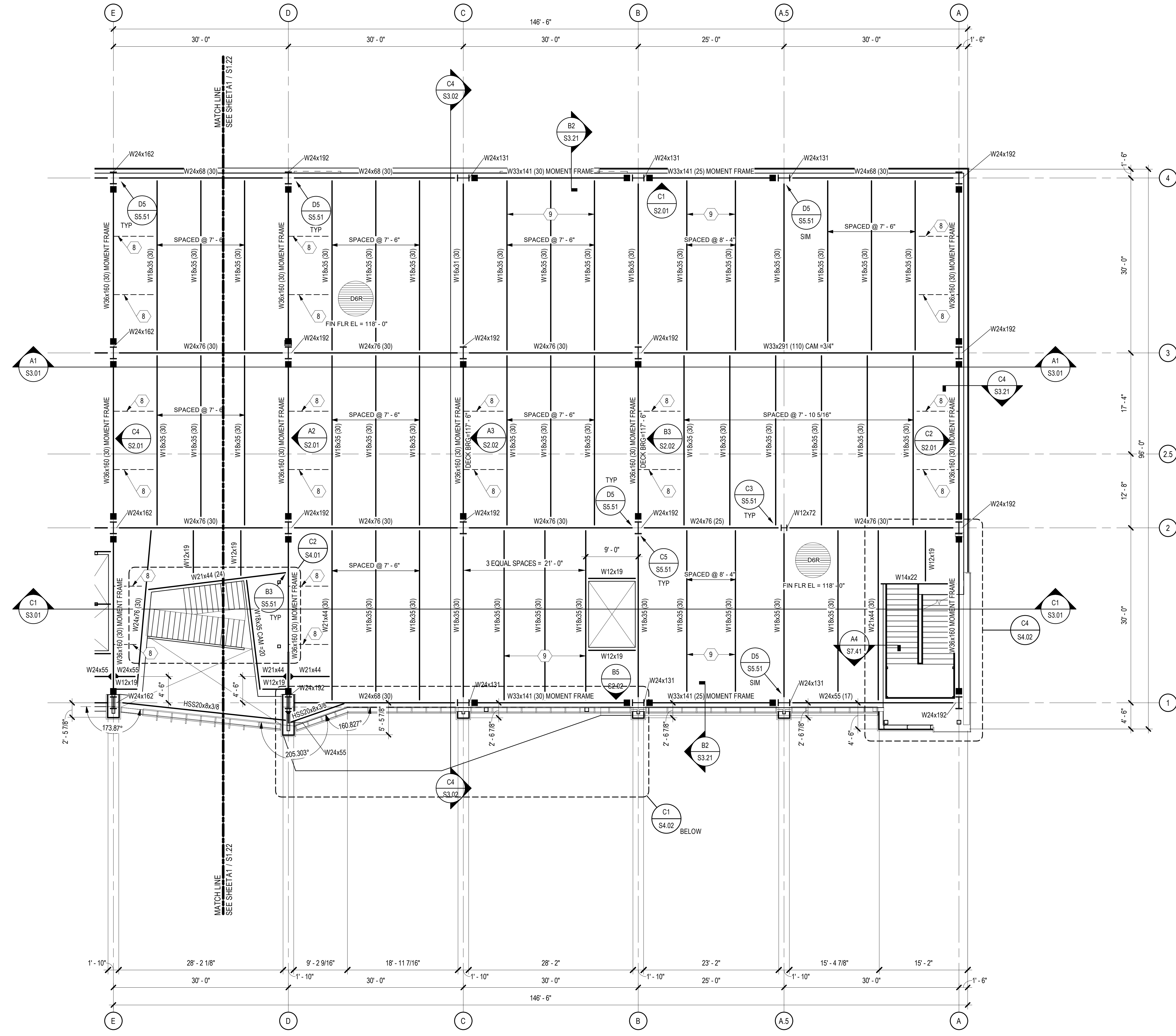


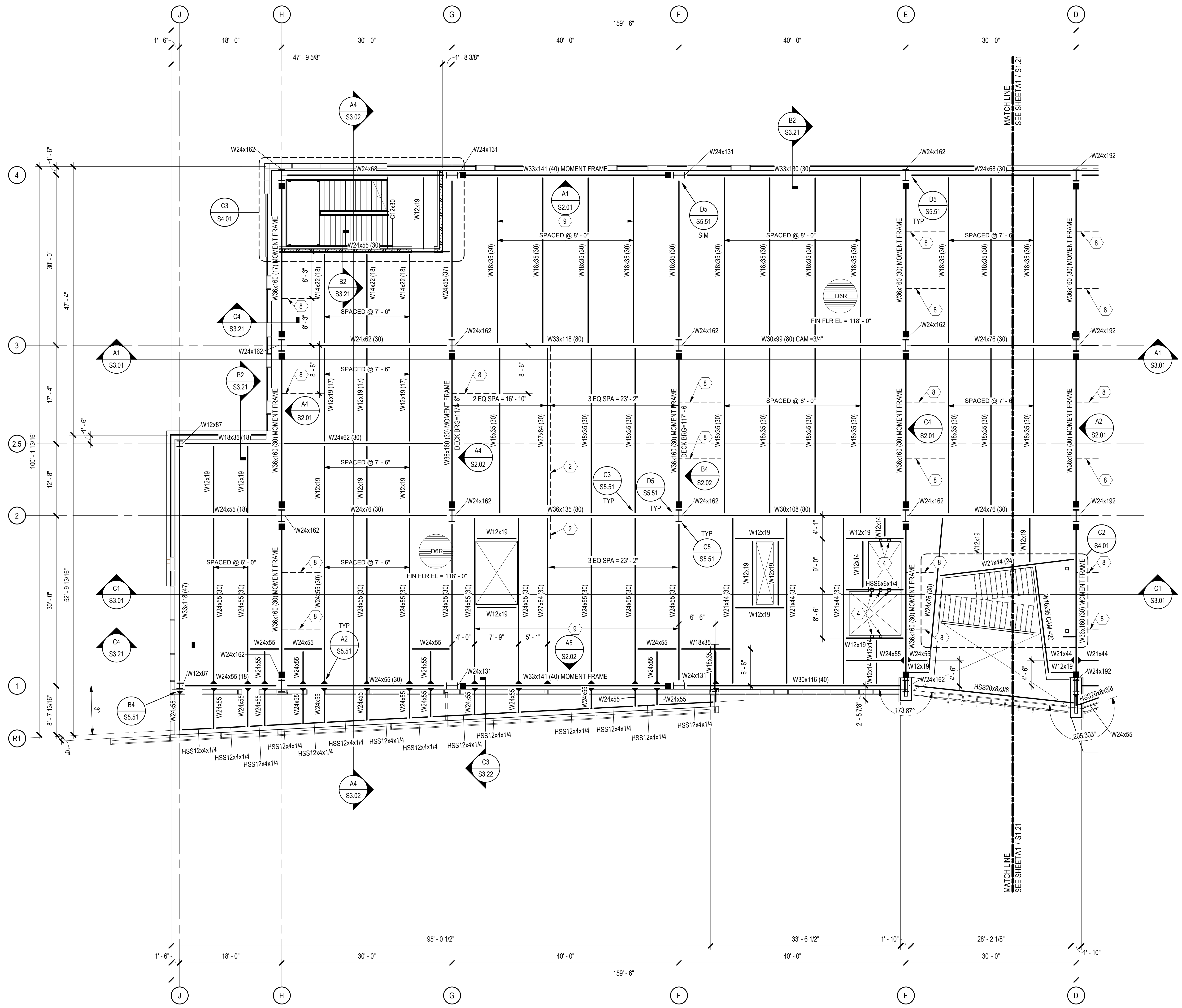
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 BULK STEEL PACKAGE
 NOT FOR CONSTRUCTION

#	DATE	REVISIONS	DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S1.21
 SECOND FLOOR
 FRAMING PLAN -
 SECTOR 1



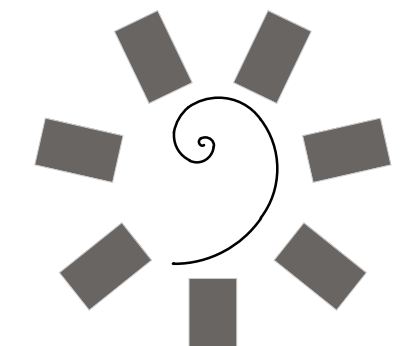


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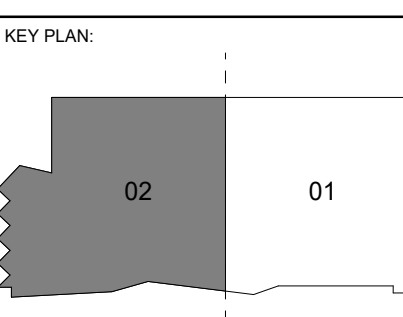
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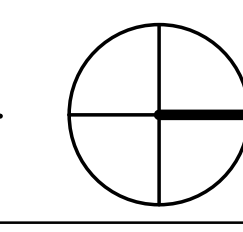
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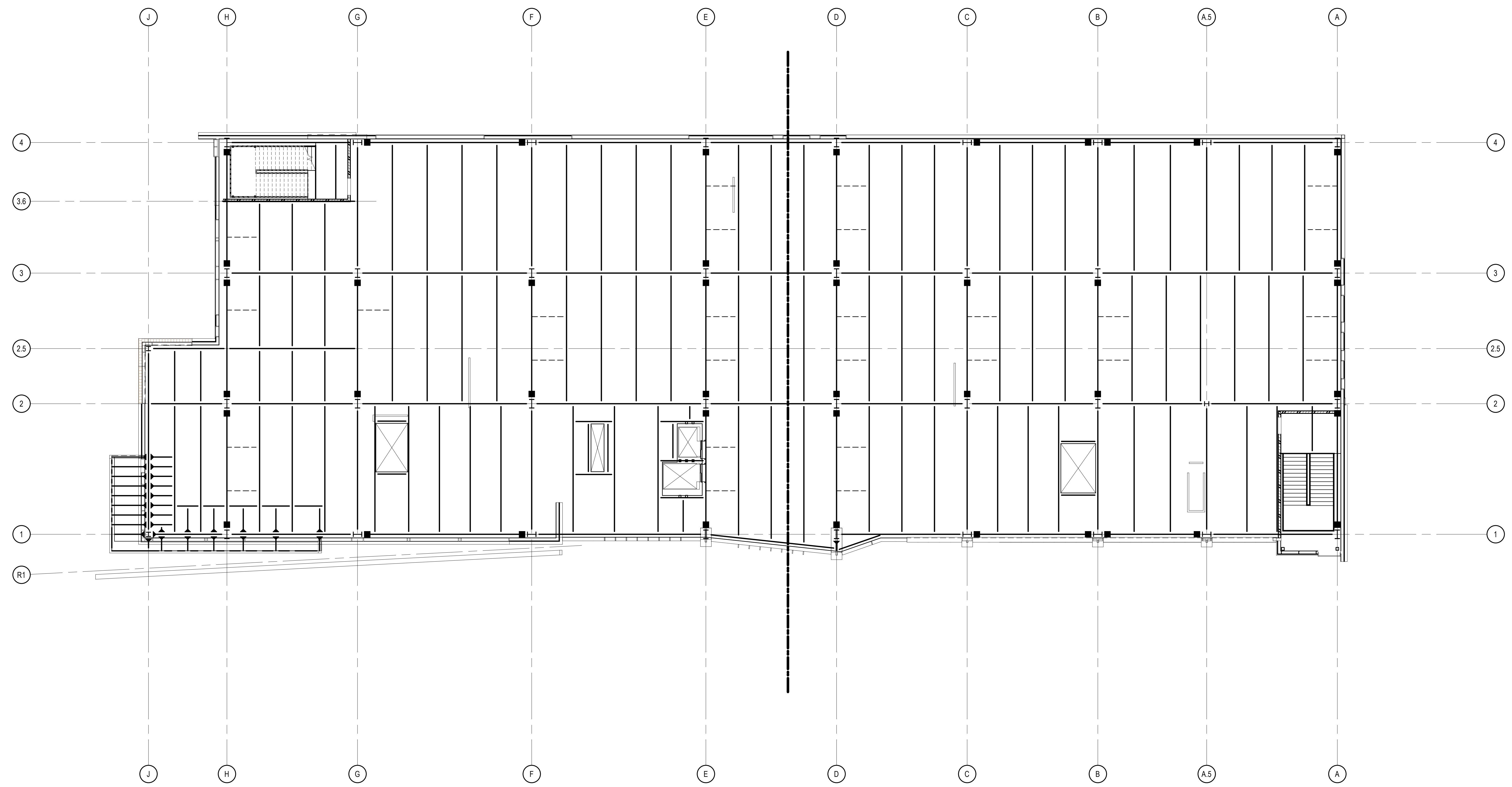
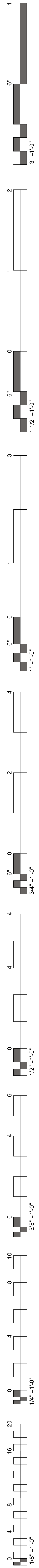
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SHEET NUMBER:
S1.22

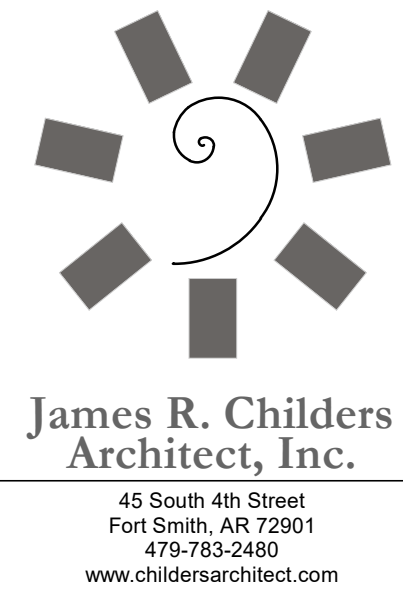
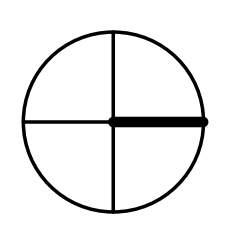
SECOND FLOOR
 FRAMING PLAN -
 SECTOR 2

A1 SECOND FLOOR FRAMING PLAN - SECTOR 2
 SCALE: 1/8" = 1'-0"



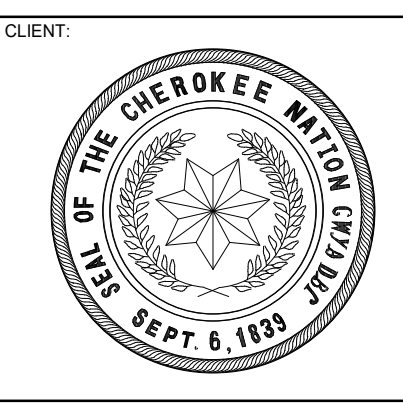


A1 THIRD FLOOR FRAMING PLAN - OVERALL PLAN
SCALE: 3/32" = 1'-0"

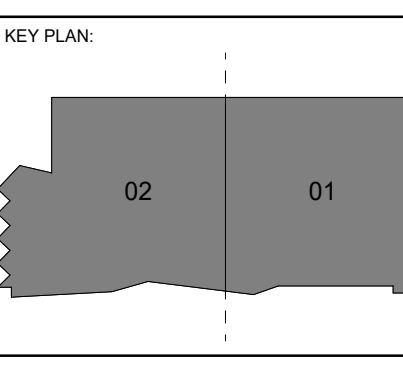


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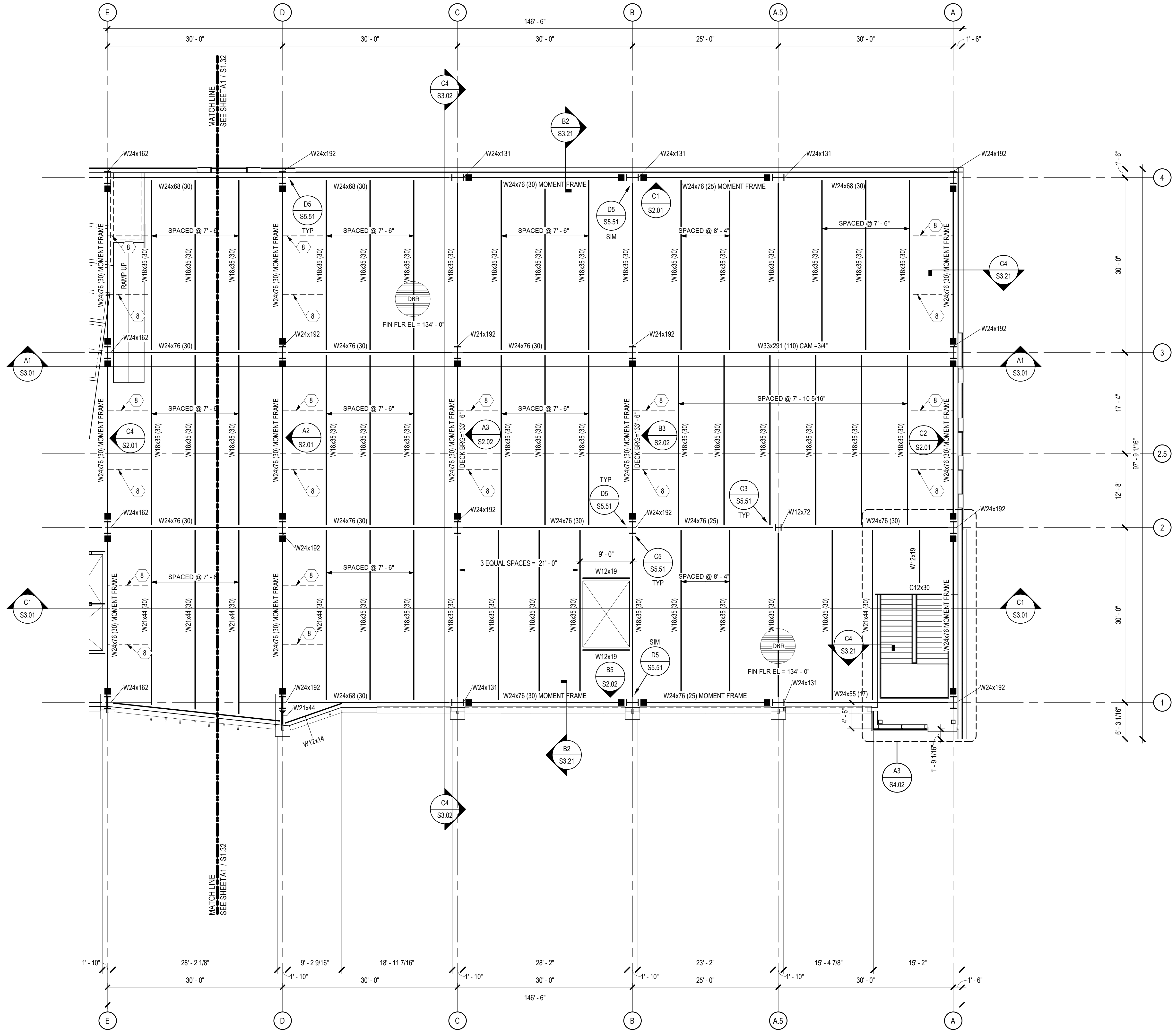
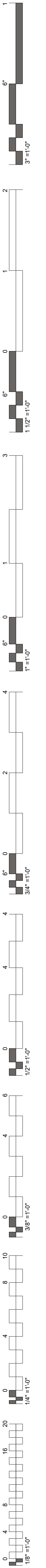
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#	DATE	REVISIONS DESCRIPTION

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SHEET NUMBER:
S1.30

THIRD FLOOR FRAMING
PLAN - OVERALL PLAN

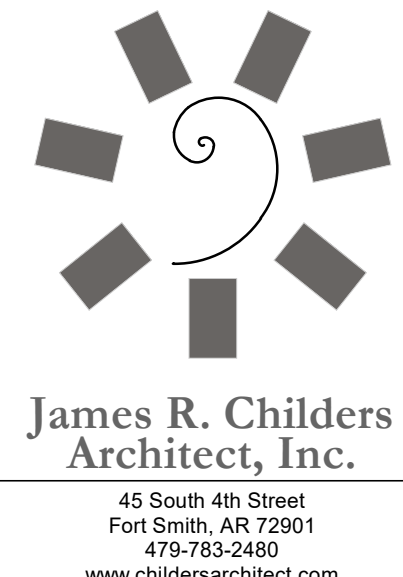


GENERAL SHEET NOTES

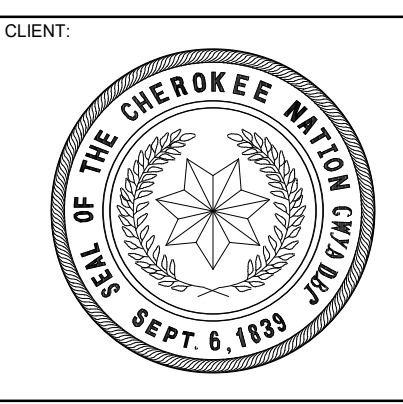
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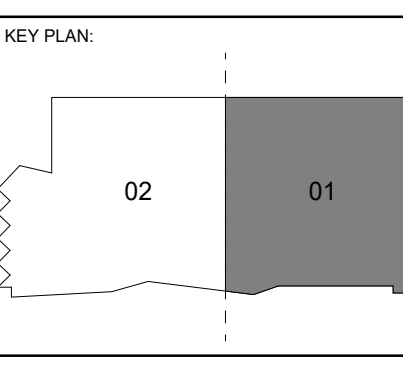
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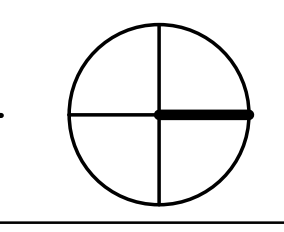
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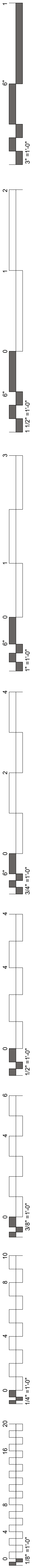
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SHEET NUMBER:
S1.31

THIRD FLOOR FRAMING
PLAN - SECTOR 1

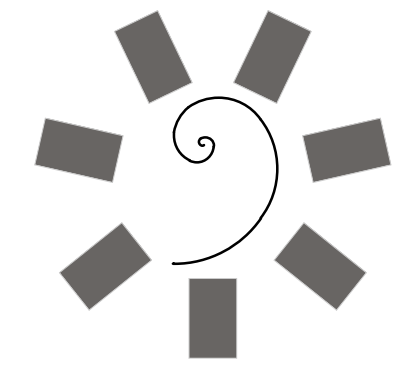
A1 THIRD FLOOR FRAMING PLAN - SECTOR 1
SCALE: 1/8" = 1'-0"





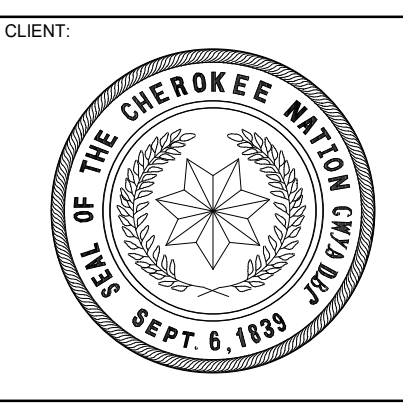
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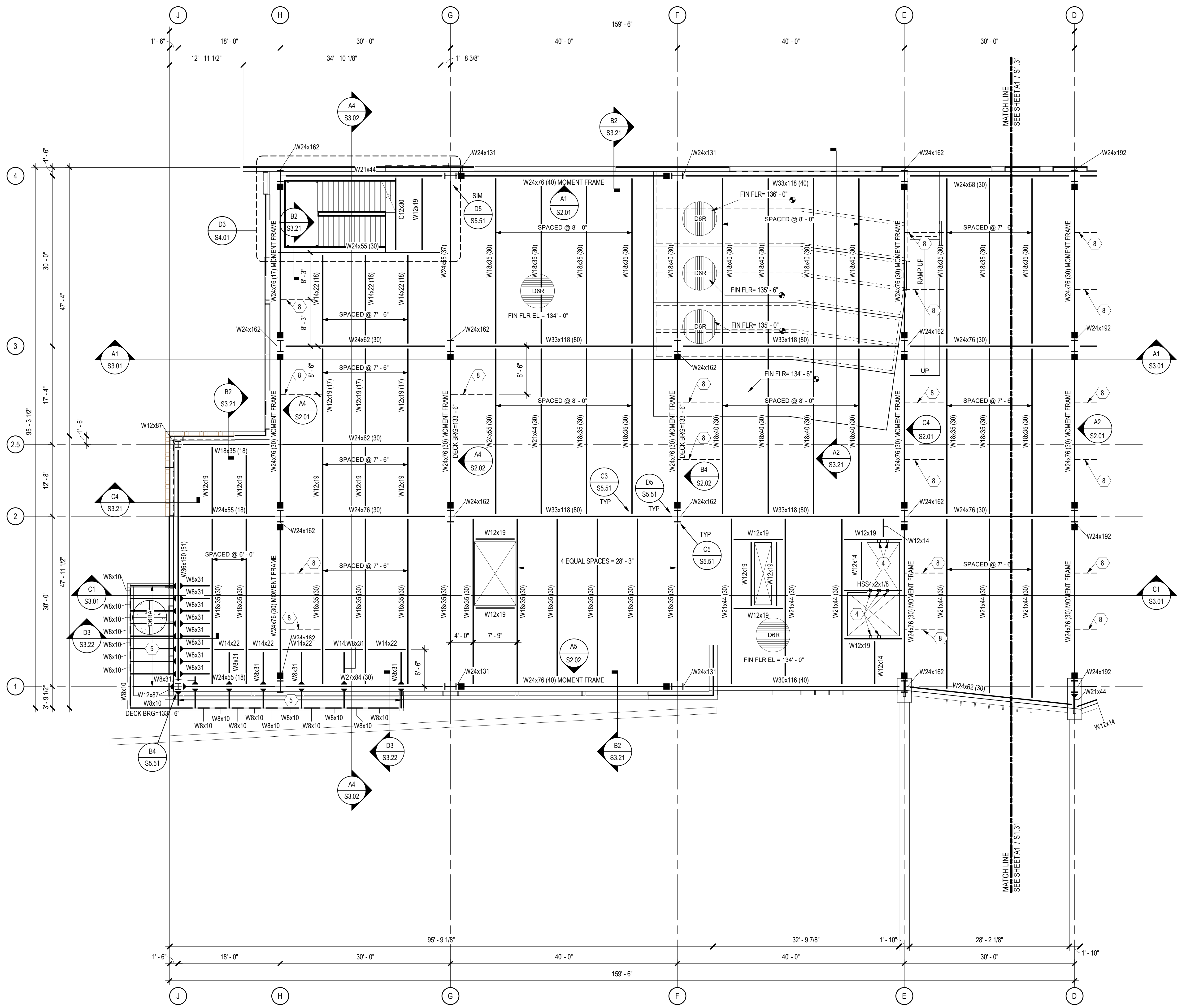
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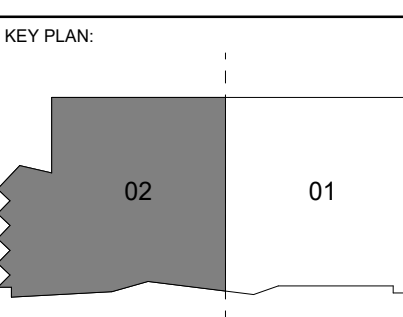
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A1 THIRD FLOOR FRAMING PLAN - SECTOR 2
 SCALE: 1/8" = 1'-0"

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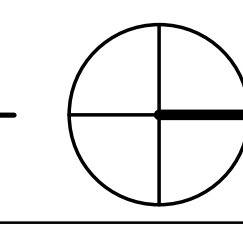
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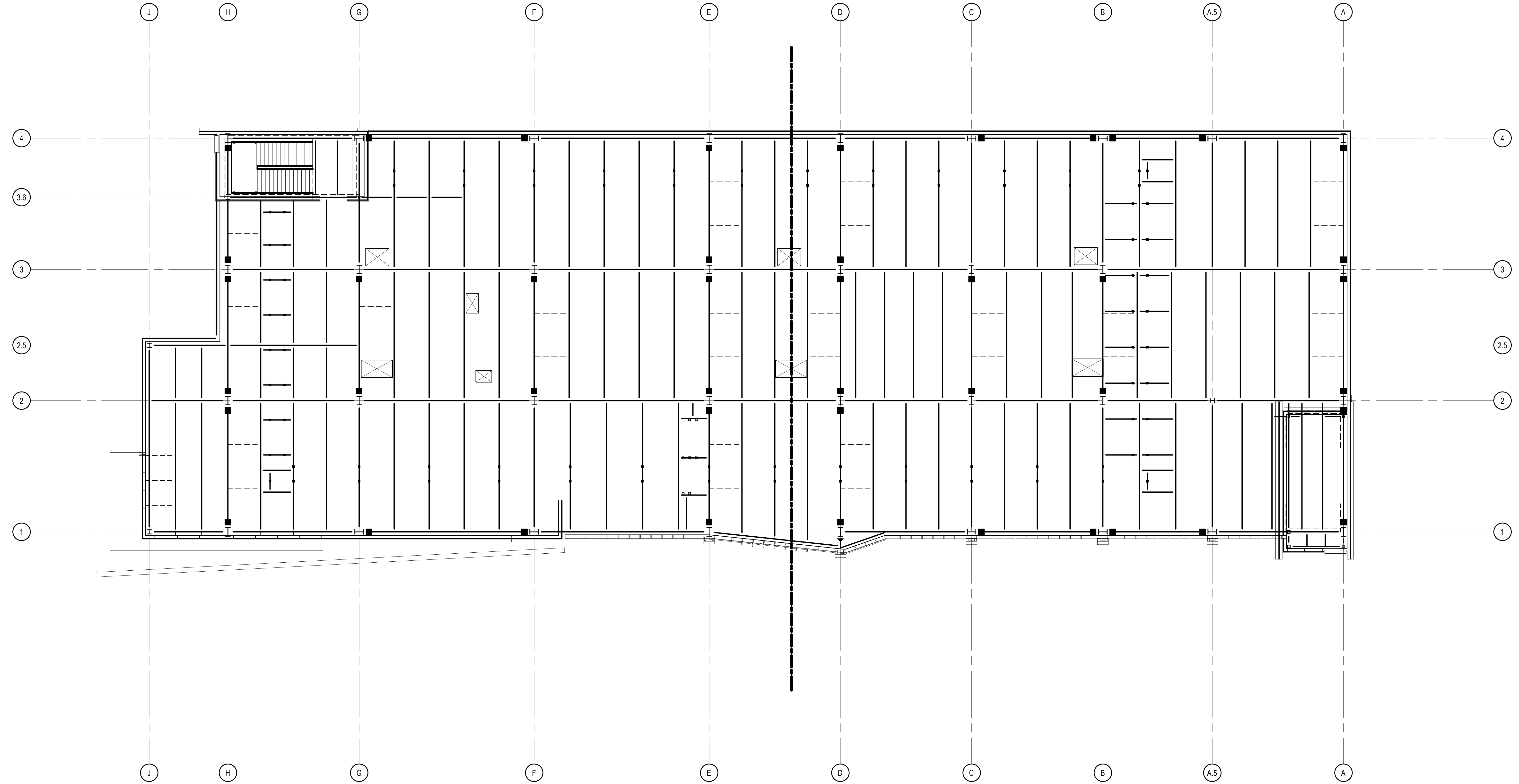
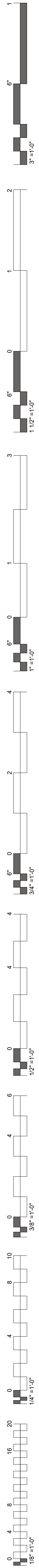
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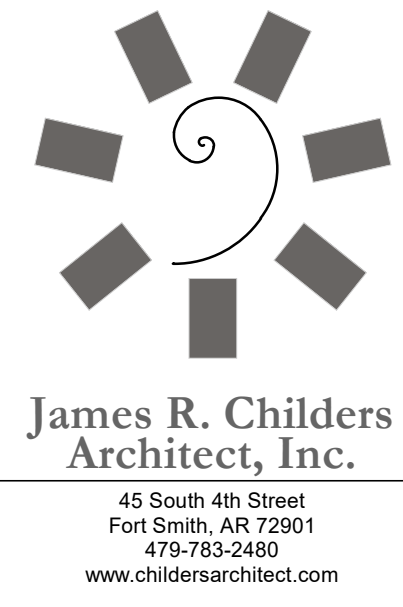
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THIRD FLOOR FRAMING
 PLAN - SECTOR 2



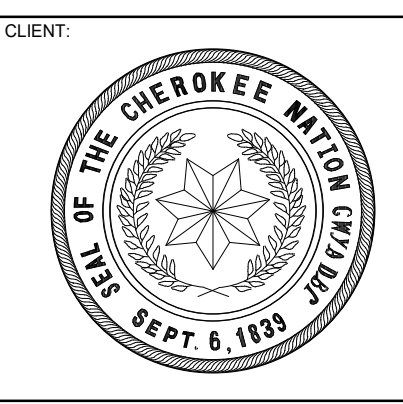


A1 ROOF FRAMING PLAN - OVERALL PLAN
SCALE: 3/32" = 1'-0"

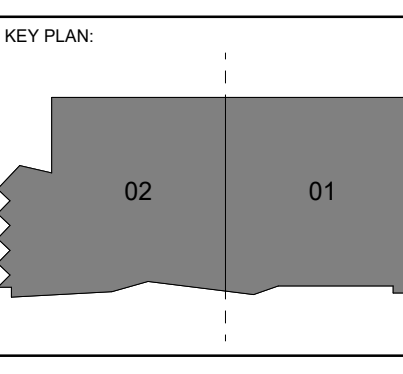


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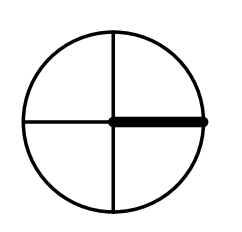
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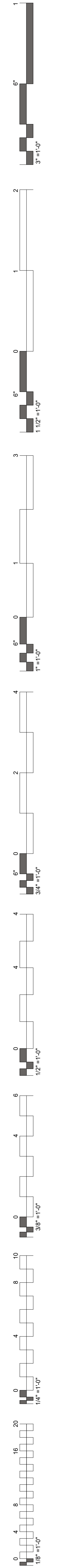
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DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S1.40

ROOF FRAMING PLAN -
OVERALL PLAN





GENERAL SHEET NOTES

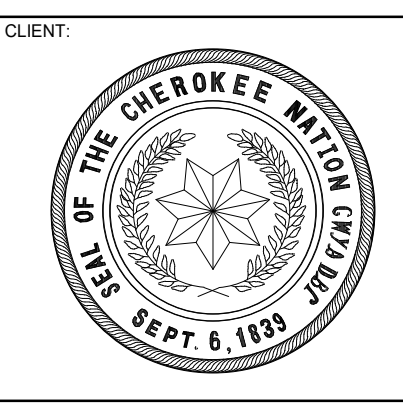
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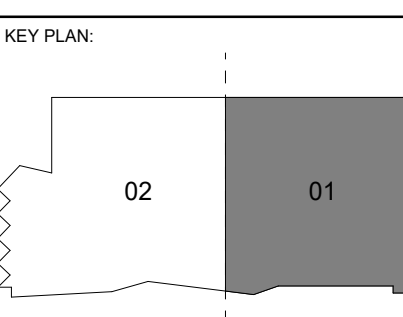
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 consulting engineers, inc.
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 505-344-4000 / 505-343-8759 (fax)



SHEET KEYNOTE

- MECHANICAL UNIT. COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS.
- MECHANICAL OPENING. COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS. SEE B2 / S7.41 AND C2 / S7.41 FOR TYPICAL FRAMING.
- HSS6x4x3/16 EXTERIOR CLADDING SUPPORT.
- OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, AND D4 / S5.62 FOR SUPPORT.
- HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, AND D4 / S5.62.
- HSS8x2x3/16 BETWEEN OUTRIGGERS.
- W12x26.
- BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE ON PLAN. SEE B1 / S5.52.
- BOTTOM FLANGE BRACING AT EACH BEAM, UNLESS NOTED OTHERWISE ON PLAN. A1 / S5.52.
- 2-4x4x1/4 BRACE TO CHANNEL FRAMING BELOW.
- HSS4x4x1/4 BRACE BELOW.

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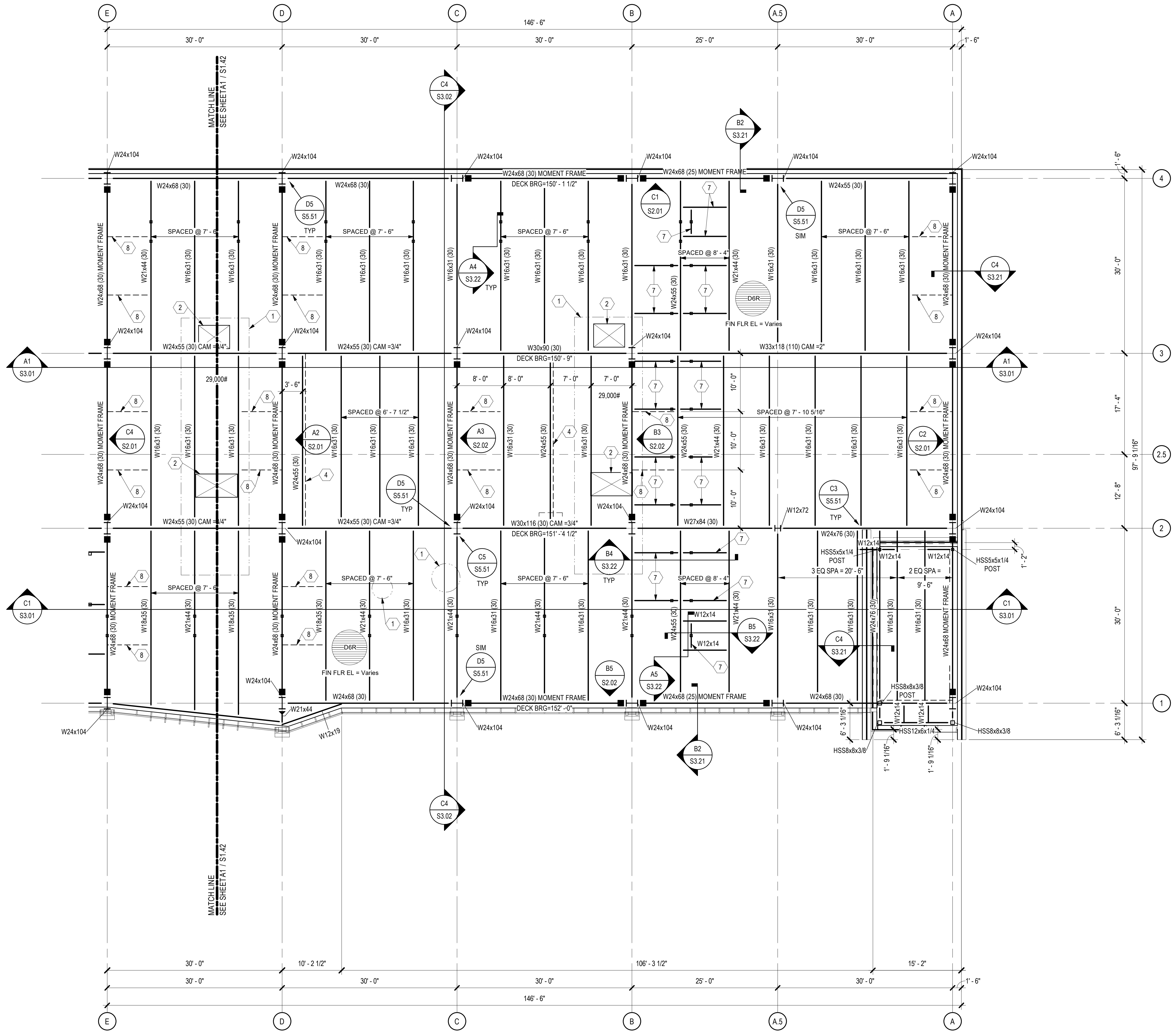
PROJECT PHASE:
 BULK STEEL PACKAGE
 NOT FOR CONSTRUCTION

#	DATE	REVISIONS	DESCRIPTION

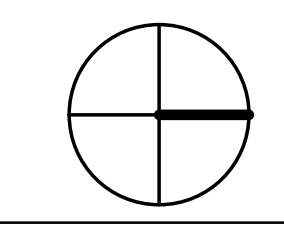
DATE: 03-15-19 JOB NUMBER: 17-13

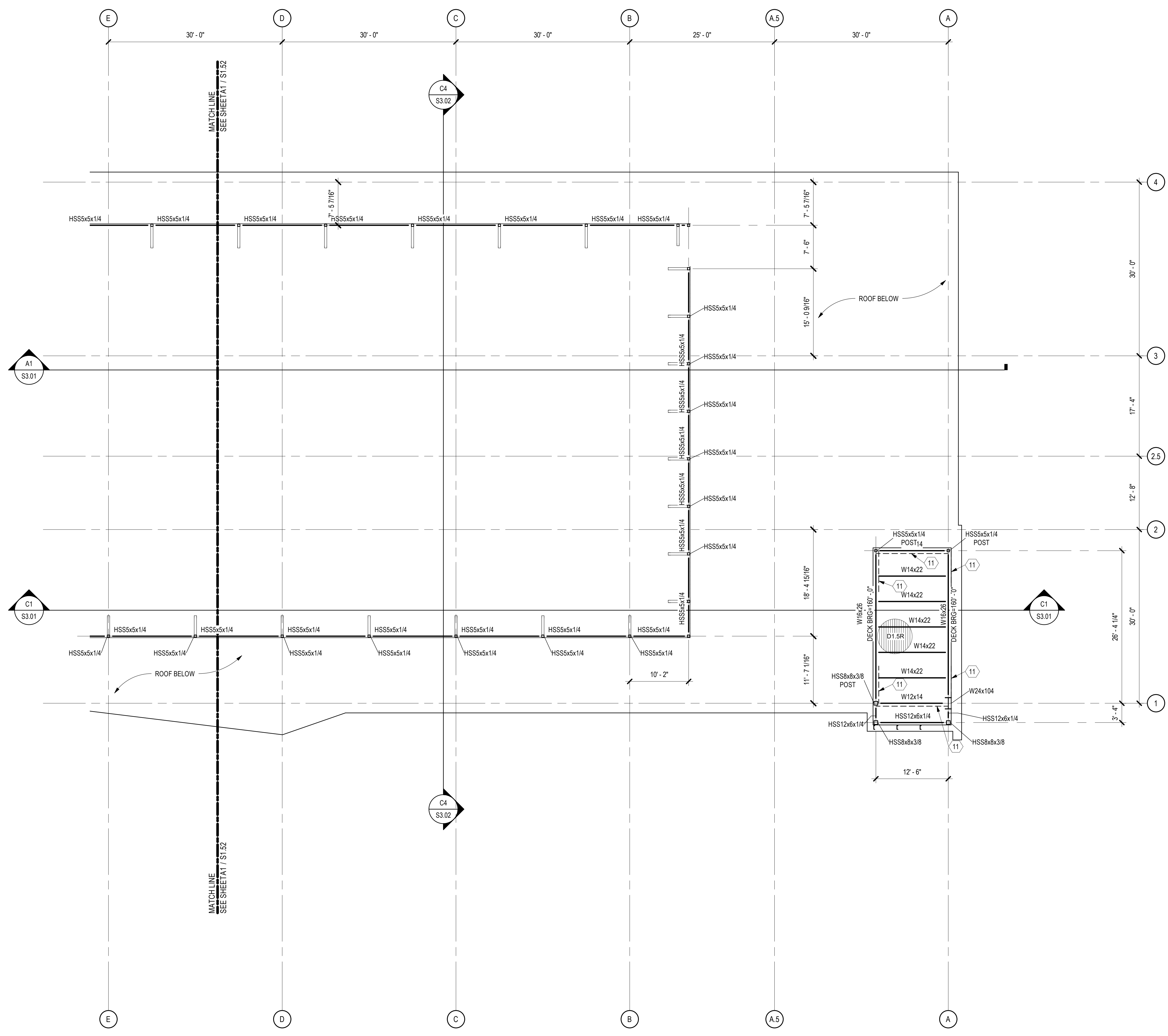
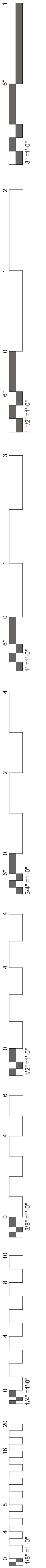
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ROOF FRAMING PLAN - SECTOR 1

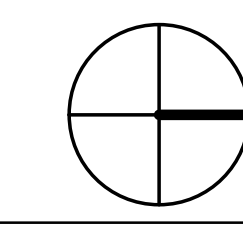


A1 ROOF FRAMING PLAN - SECTOR 1
 SCALE: 1/8" = 1'-0"





A1 HIGH ROOF FRAMING PLAN - SECTOR 1
SCALE: 1/8" = 1'-0"

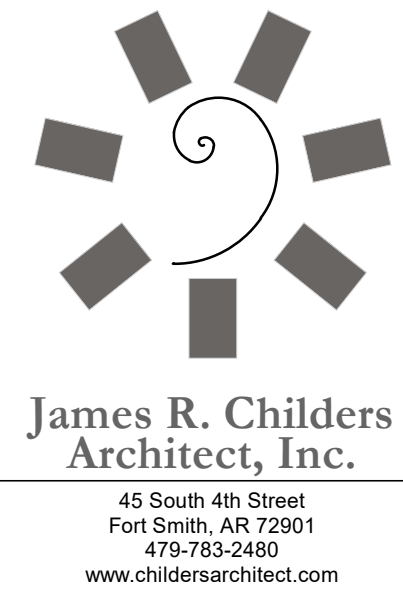


GENERAL SHEET NOTES

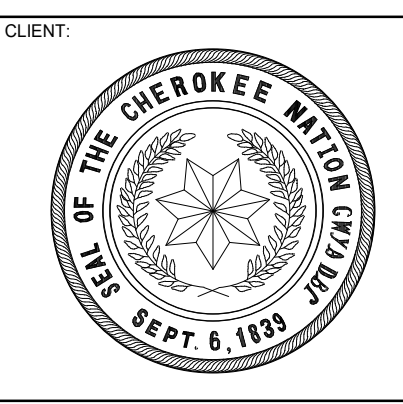
1. SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET.
2. NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF STANDARD PRACTICES.
3. DIMENSIONS ARE TO THE FACE OF CONCRETE OR STUDS UNLESS NOTED OTHERWISE.
4. SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN.
5. BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTED OTHERWISE.
6. STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
7. SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS.
8. SEE SHEET S6.01 FOR SCHEDULES.
9. DENOTES MOMENT CONNECTION PER TYPICAL DETAILS.
10. DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS.

SHEET KEYNOTE

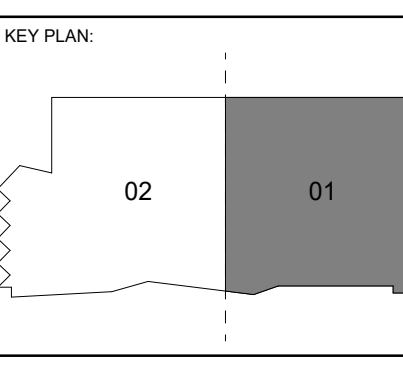
1. MECHANICAL UNIT. COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS.
2. MECHANICAL OPENING. COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS. SEE B2 / S7.41 AND C2 / S7.41 FOR TYPICAL FRAMING.
3. HSS6x4x3/16 EXTERIOR CLADDING SUPPORT.
4. OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, AND D4 / S5.62 FOR SUPPORT.
5. HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, AND D4 / S5.62.
6. HSS8x2x3/16 BETWEEN OUTRIGGERS.
7. W12x26.
8. BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE ON PLAN. SEE B1 / S5.52.
9. BOTTOM FLANGE BRACING AT EACH BEAM, UNLESS NOTED OTHERWISE ON PLAN. SEE A1 / S5.52.
10. 2-4x4x1/4 BRACE TO CHANNEL FRAMING BELOW.
11. HSS4x4x1/4 BRACE BELOW.



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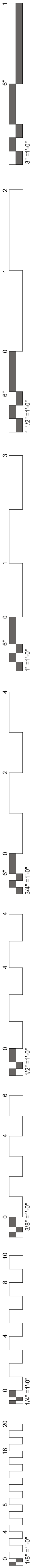
PROJECT PHASE:
BULK STEEL PACKAGE
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#	DATE	REVISIONS	DESCRIPTION

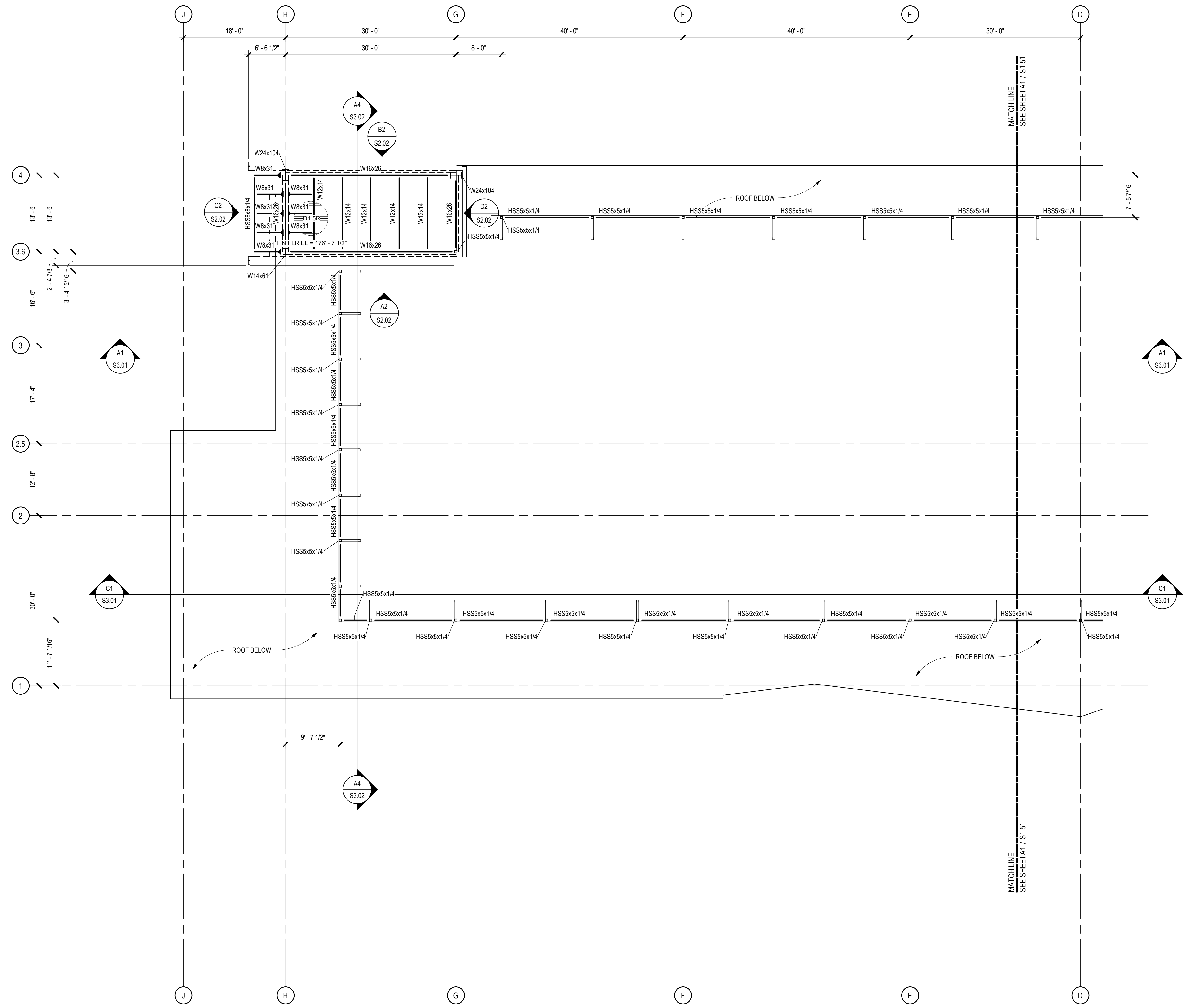
DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S1.51

HIGH ROOF FRAMING
PLAN - SECTOR 1



A1 HIGH ROOF FRAMING PLAN - SECTOR 2
SCALE: 1/8" = 1'-0"

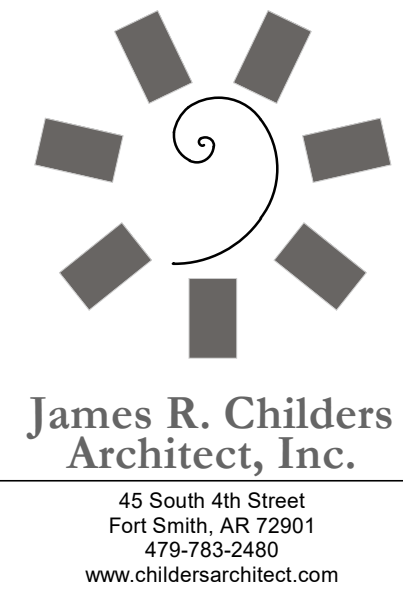


GENERAL SHEET NOTES

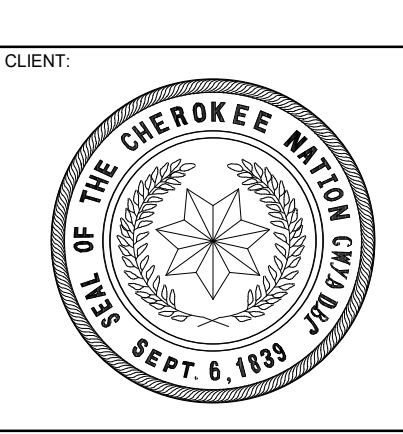
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- SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS.
- SEE SHEET S6.01 FOR SCHEDULES.
- ◀ DENOTES MOMENT CONNECTION PER TYPICAL DETAILS.
- ◻ DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS.

SHEET KEYNOTE

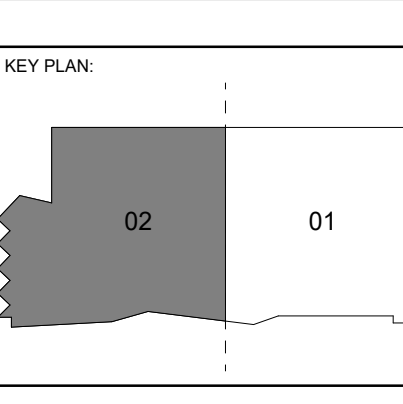
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- HSS4x4x1/4 BRACE BELOW.



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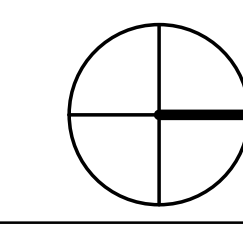
PROJECT PHASE:
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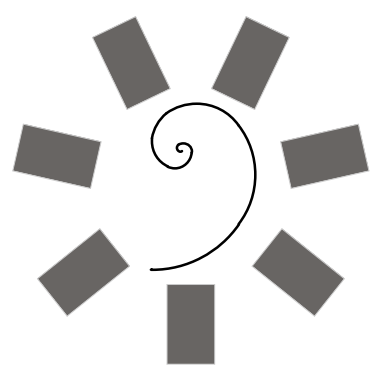
#	DATE	REVISIONS	DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S1.52

HIGH ROOF FRAMING
PLAN - SECTOR 2

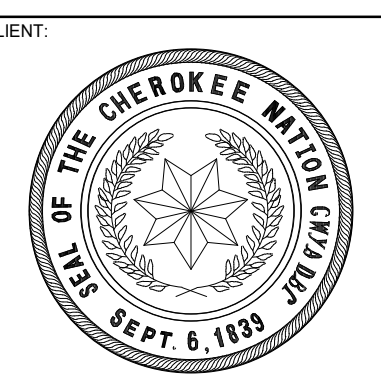




James R. Childers
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AT THE CHEROKEE NATION
TAHLEQUAH, OKLAHOMA



KEY PLAN

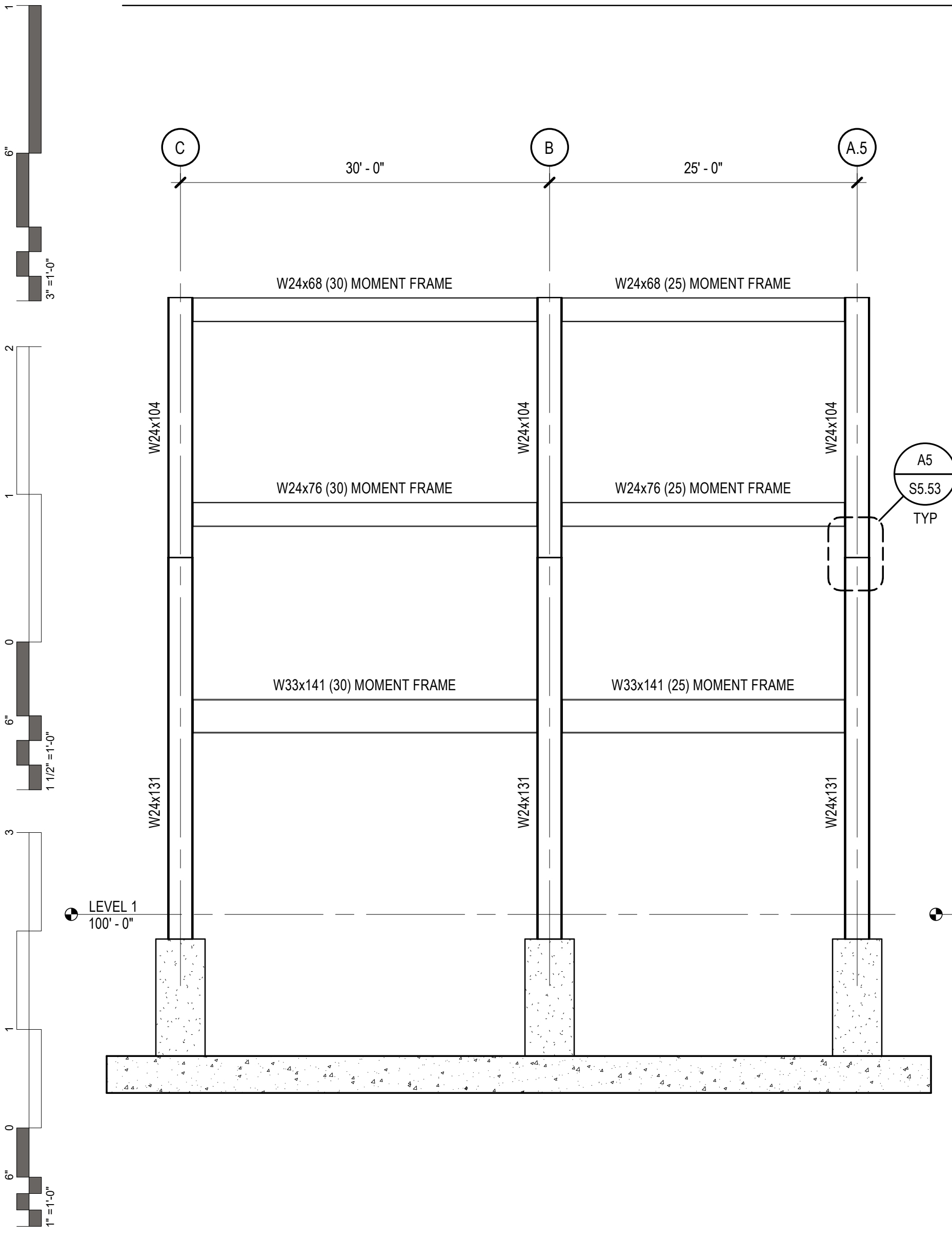
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PROJECT PHASE:
BULK STEEL PACKAGE
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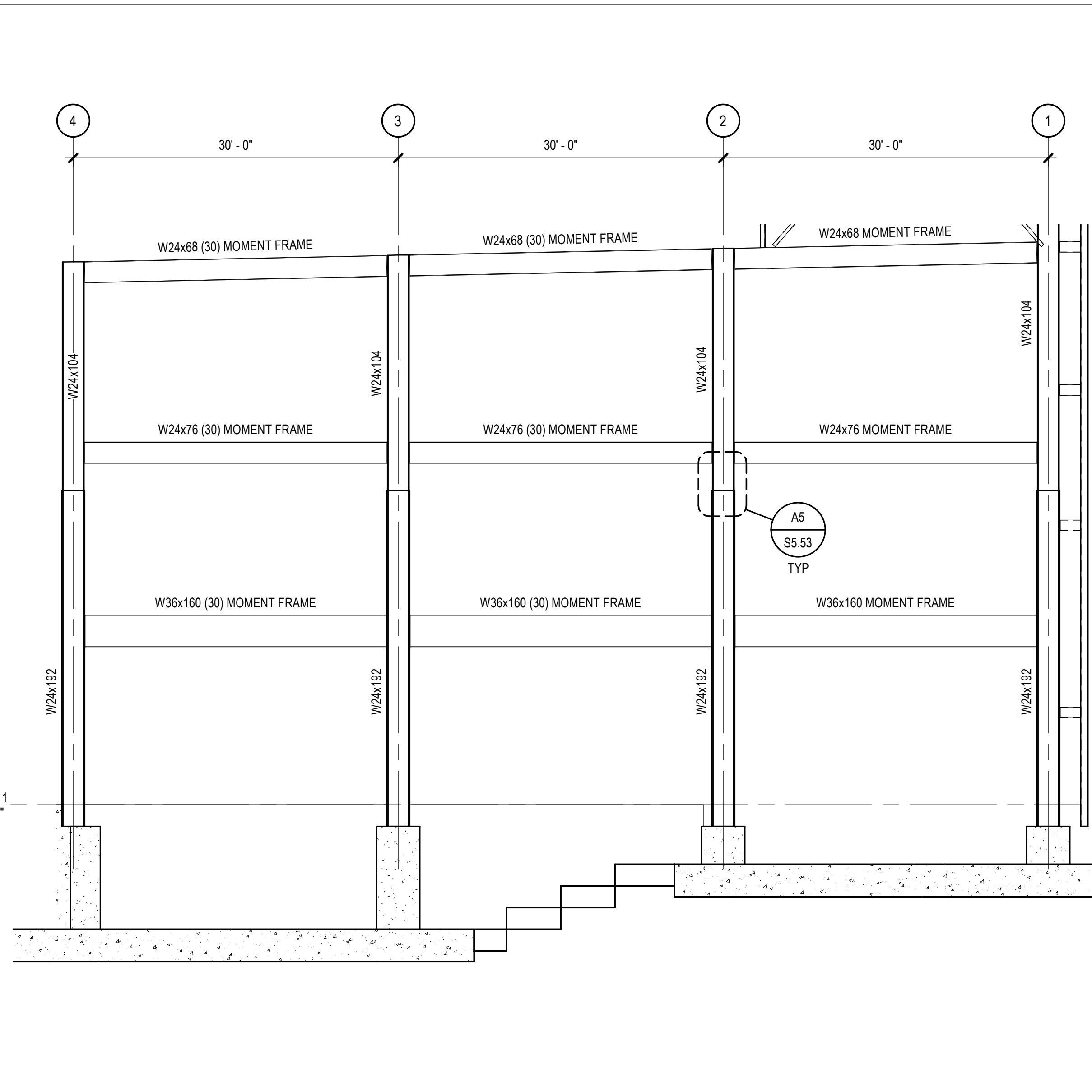
DATE:	JOB NUMBER:
03-15-19	17-13

SHEET NUMBER:
S2.01

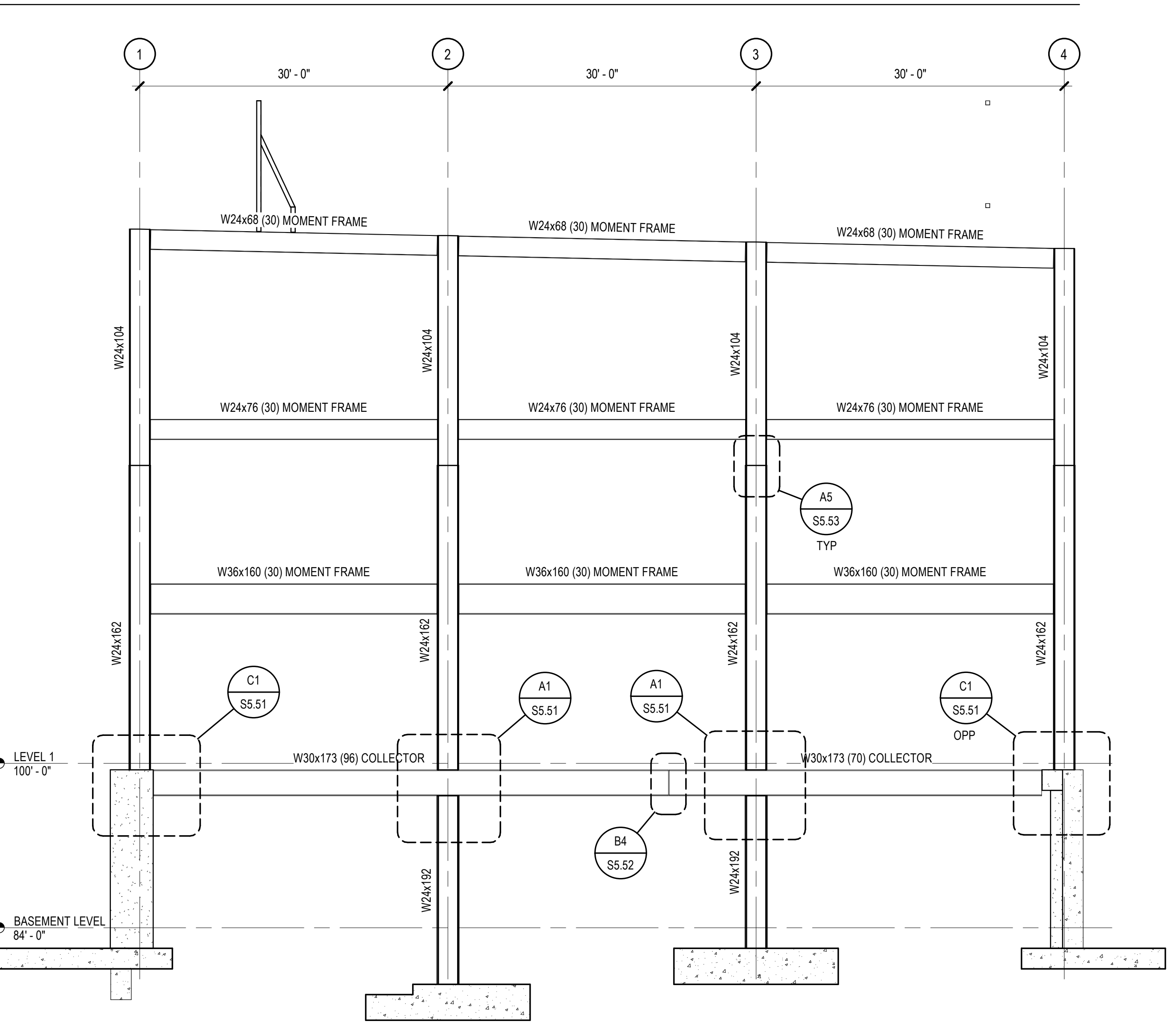
MOMENT FRAME ELEVATIONS



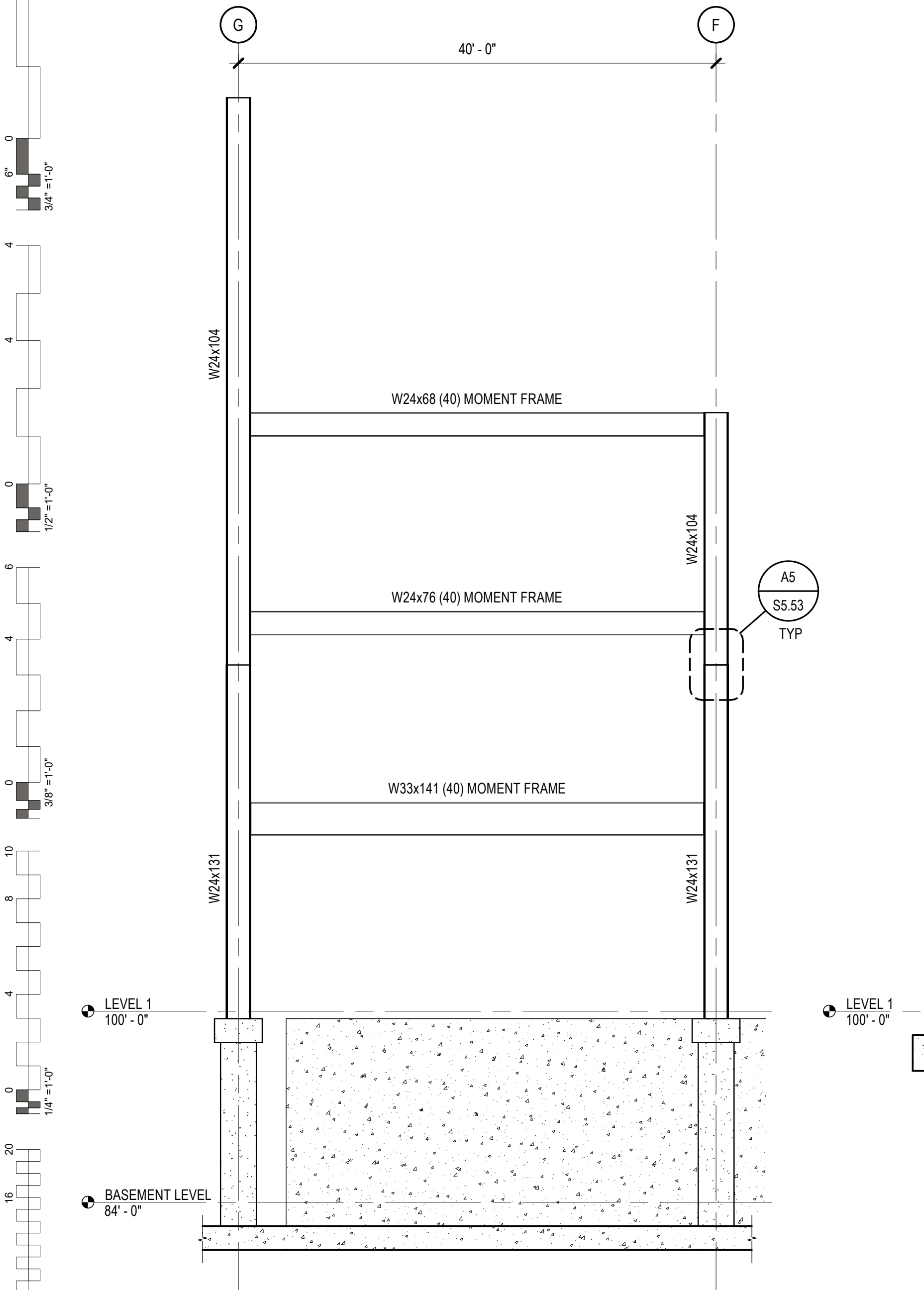
C1 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



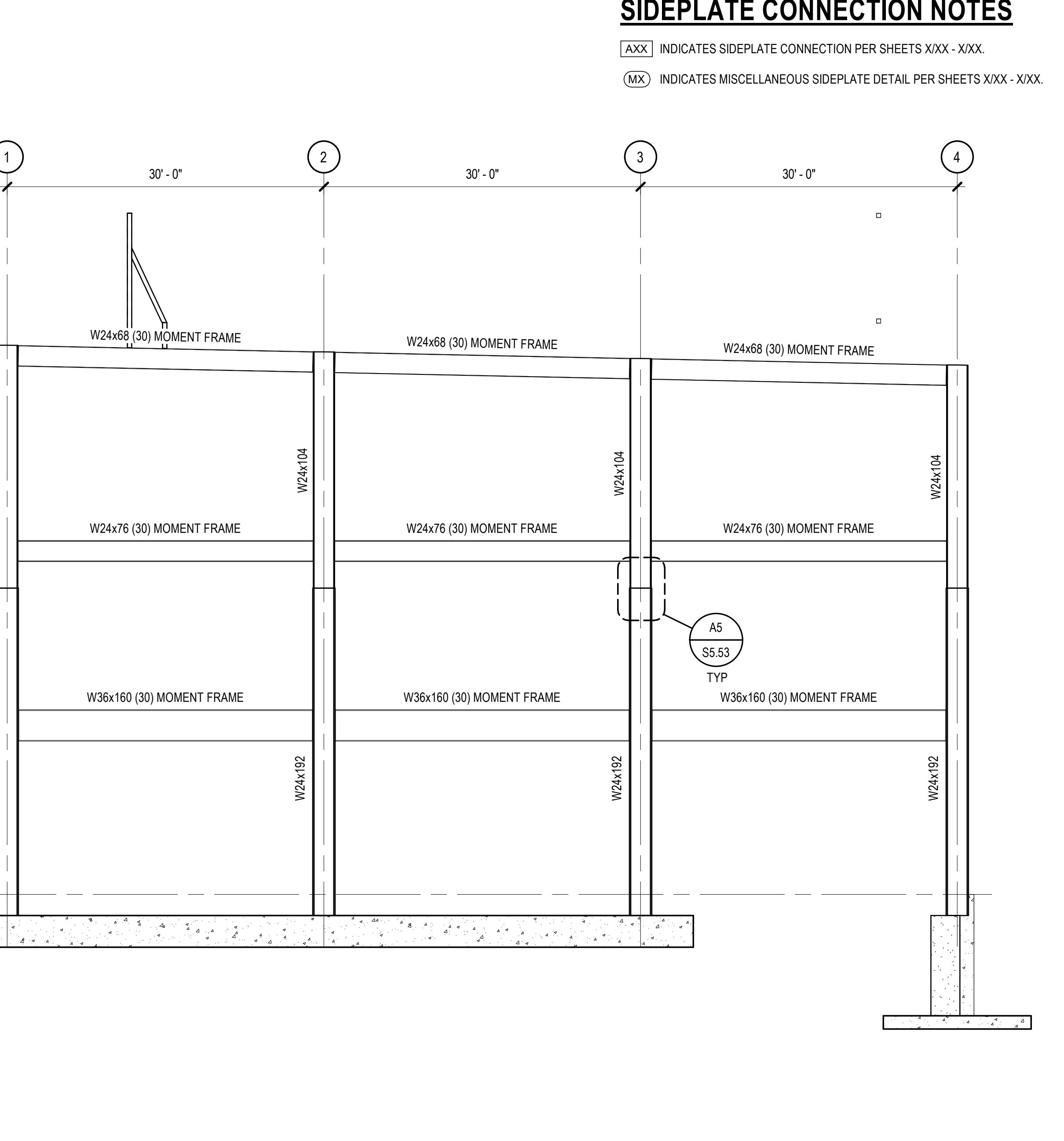
C2 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



C4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



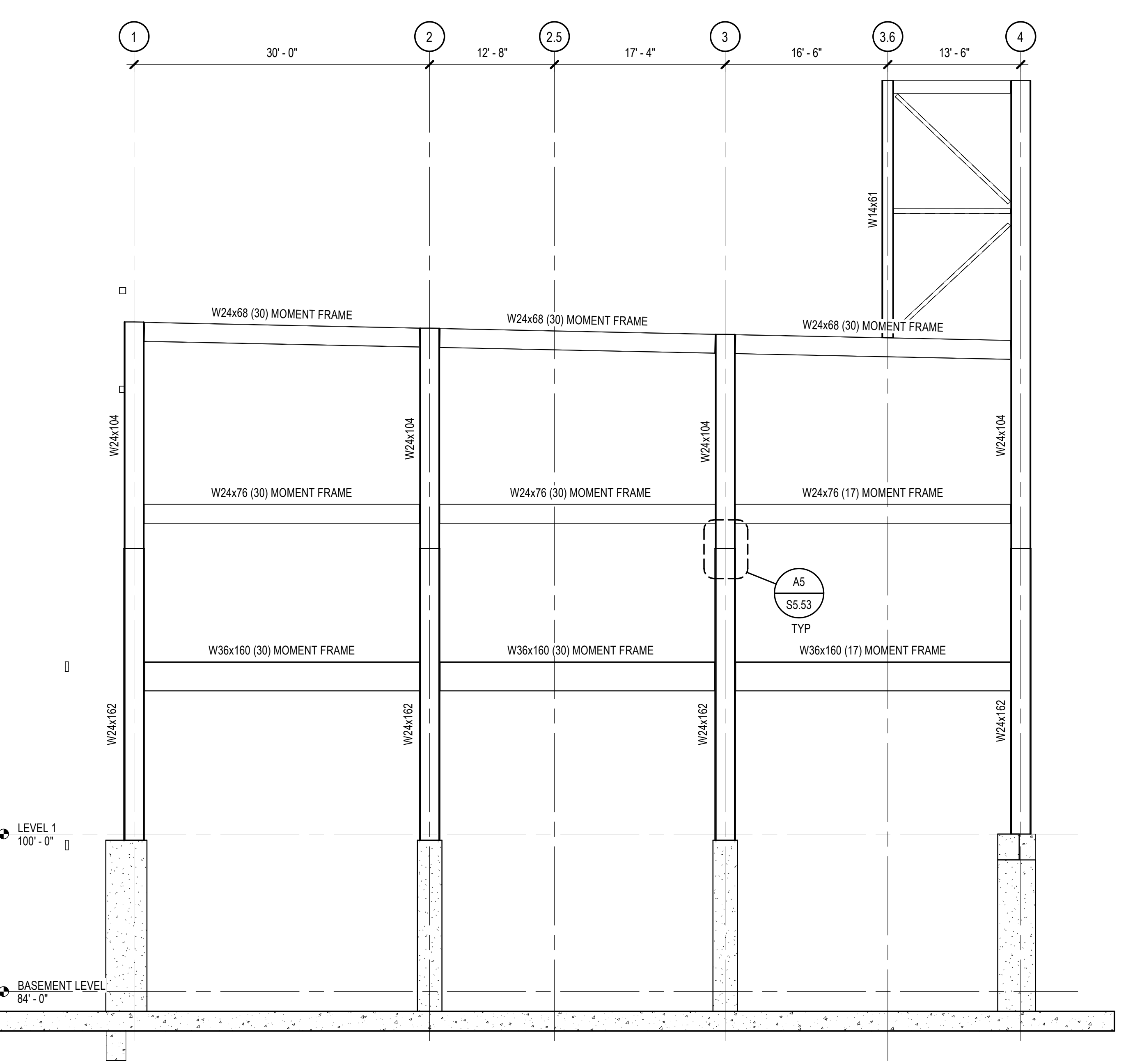
A1 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



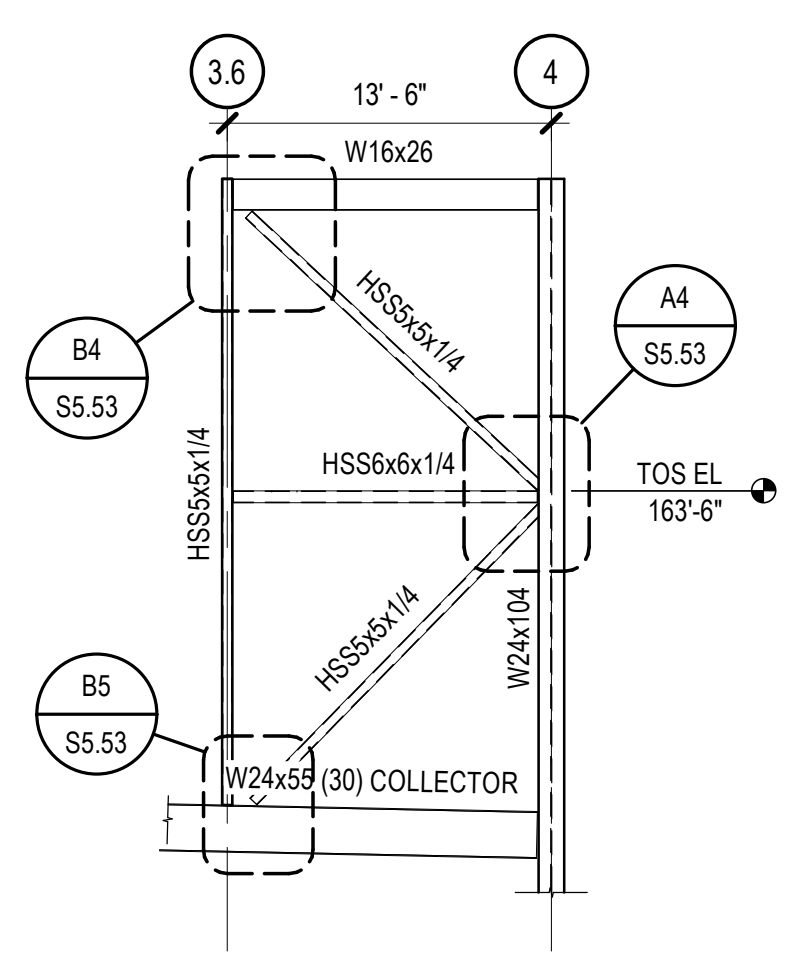
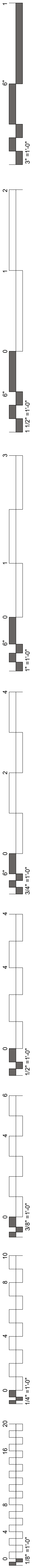
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SIDEPLATE CONNECTION NOTES

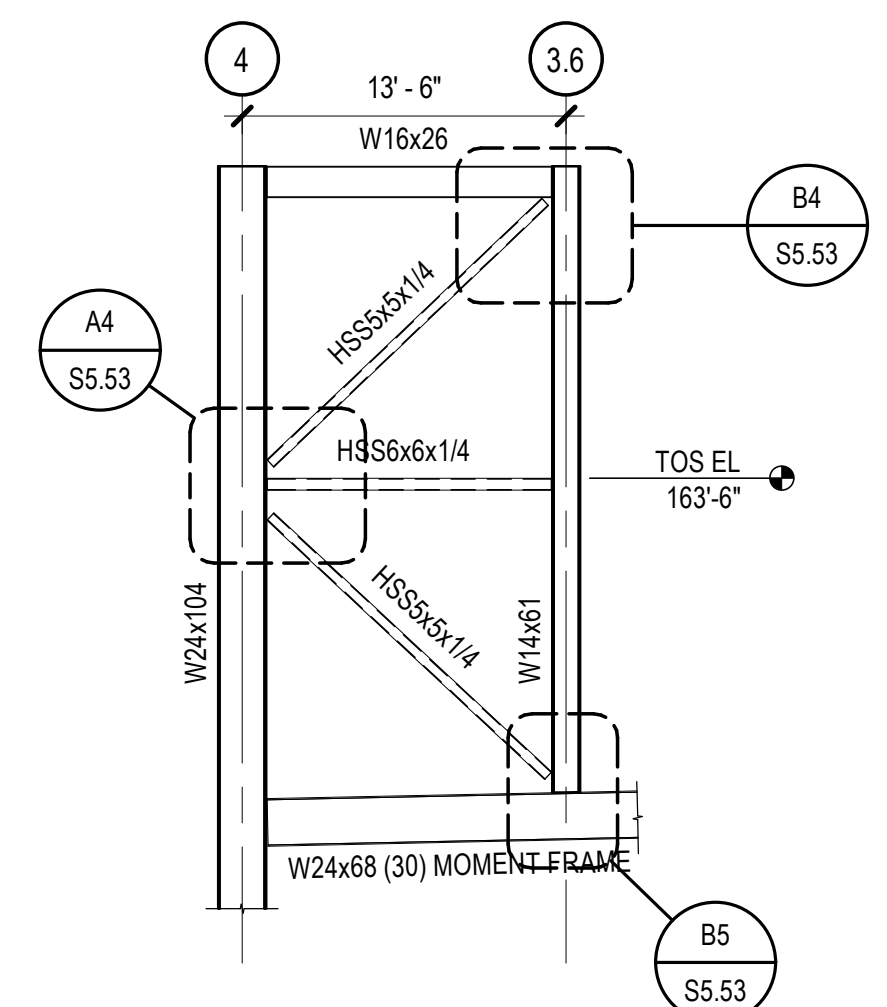
- [AXX] INDICATES SIDEPLATE CONNECTION PER SHEETS XXXX - XXXX.
- [MXX] INDICATES MISCELLANEOUS SIDEPLATE DETAIL PER SHEETS XXXX - XXXX.



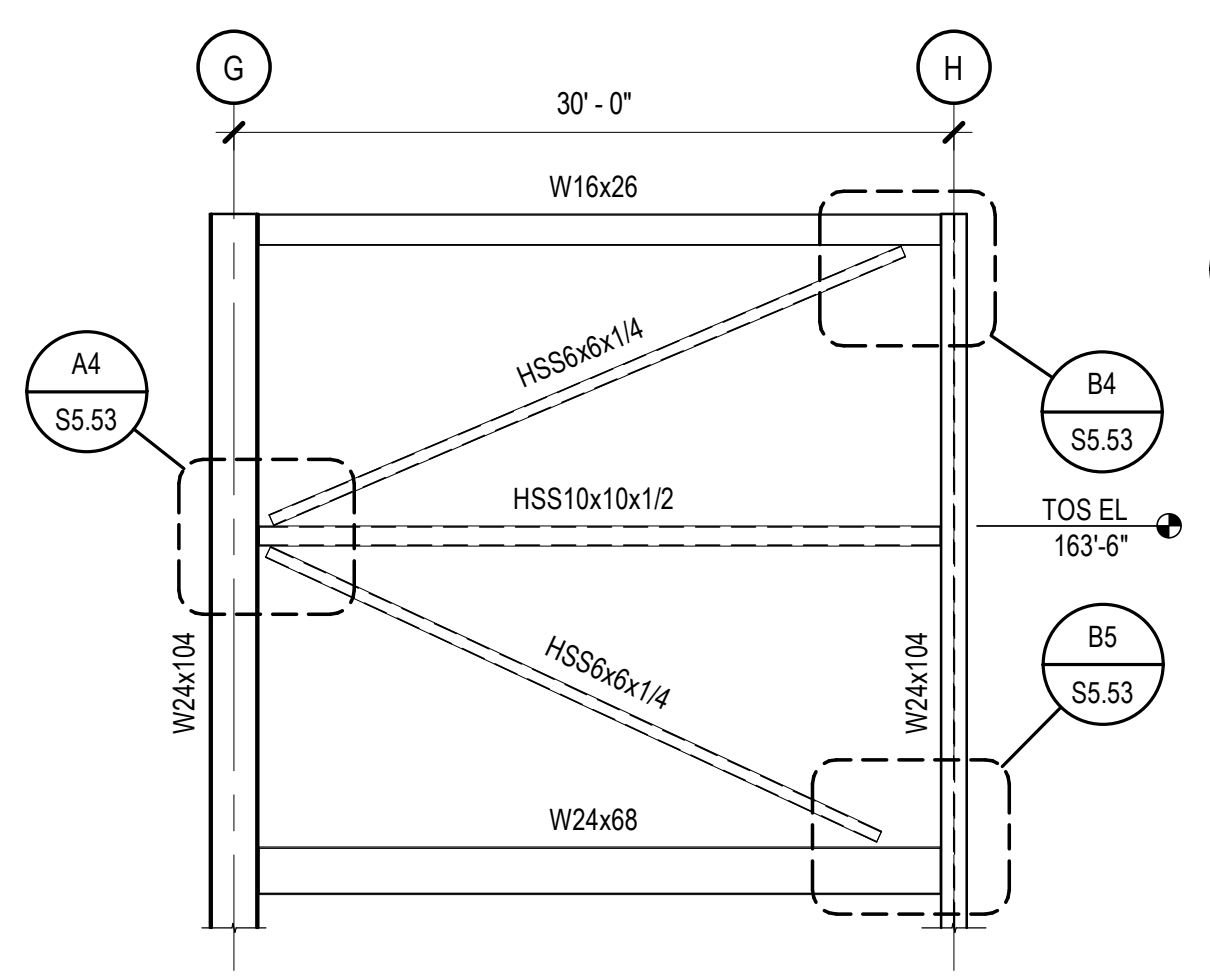
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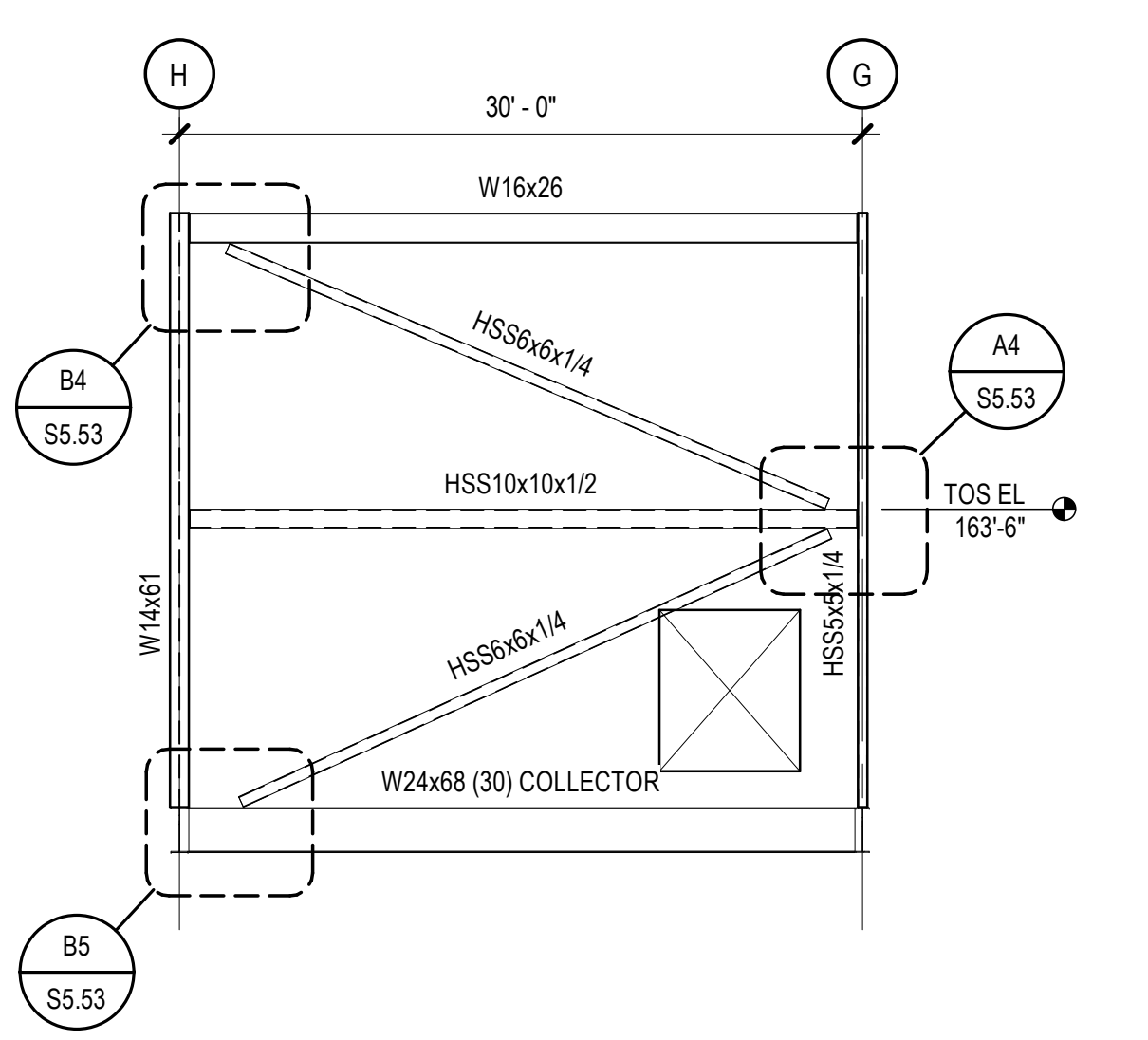
D2 BRACED FRAME ELEVATION
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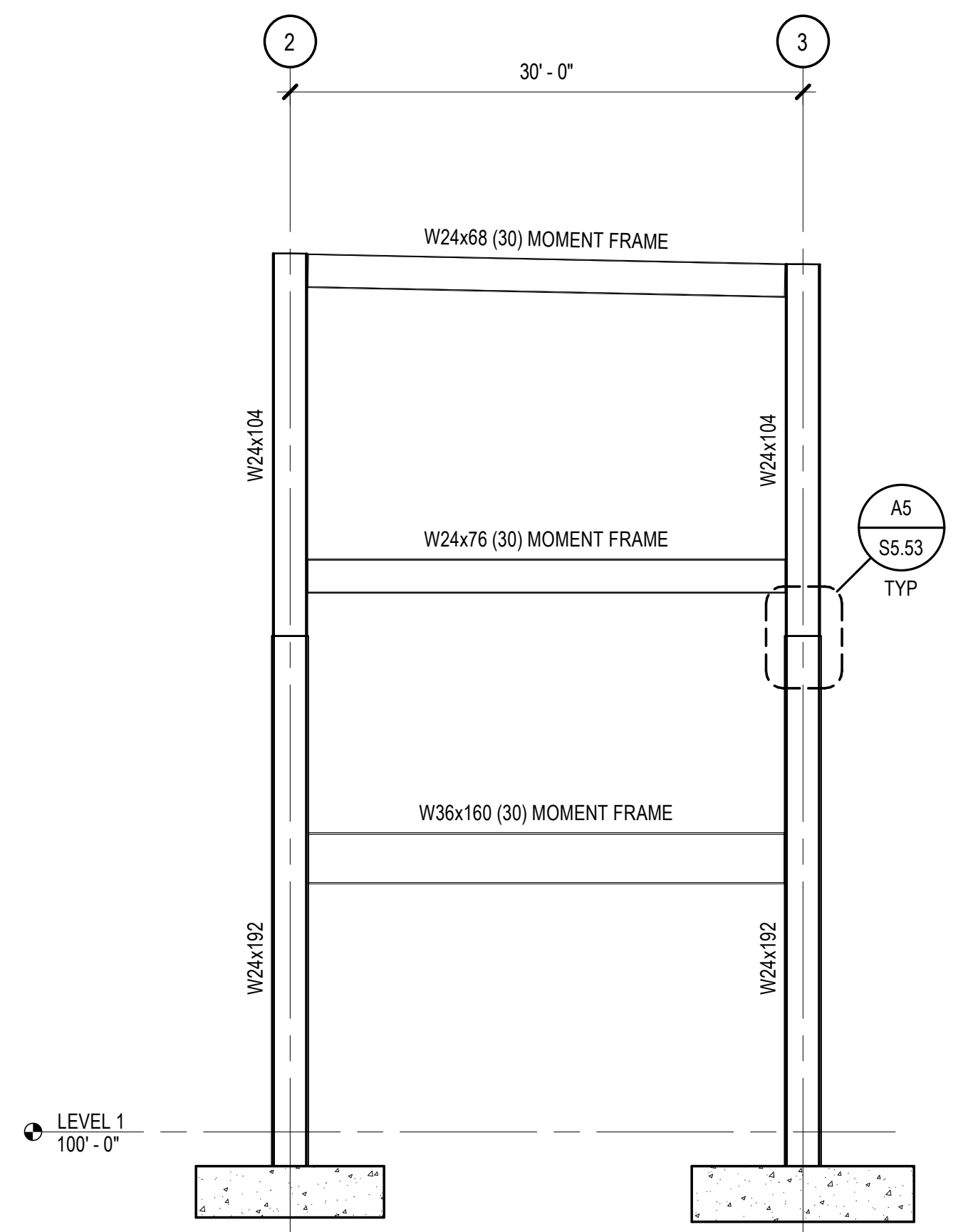
C2 BRACED FRAME ELEVATION
SCALE: 1/8" = 1'-0"



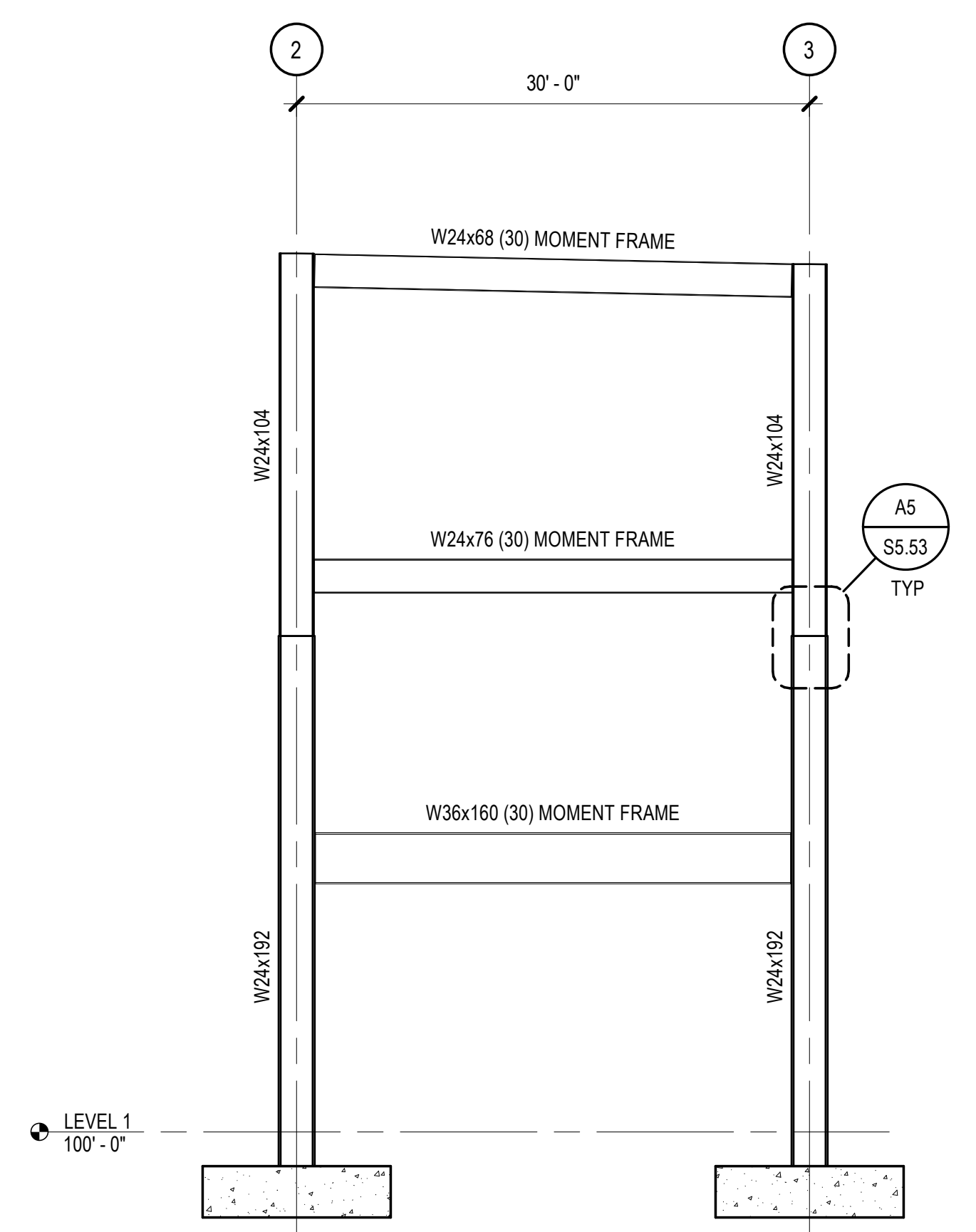
B2 BRACED FRAME ELEVATION
SCALE: 1/8" = 1'-0"



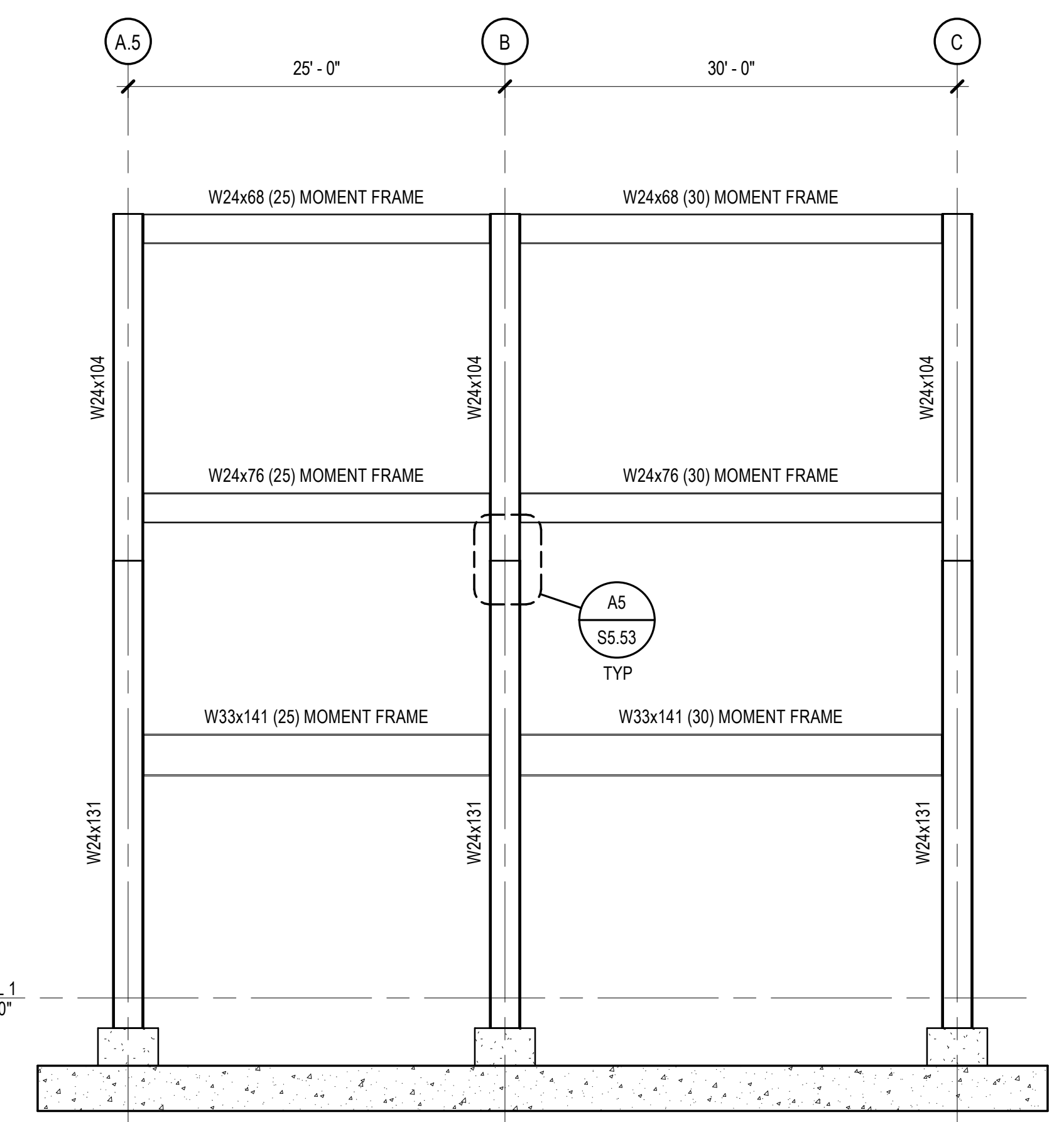
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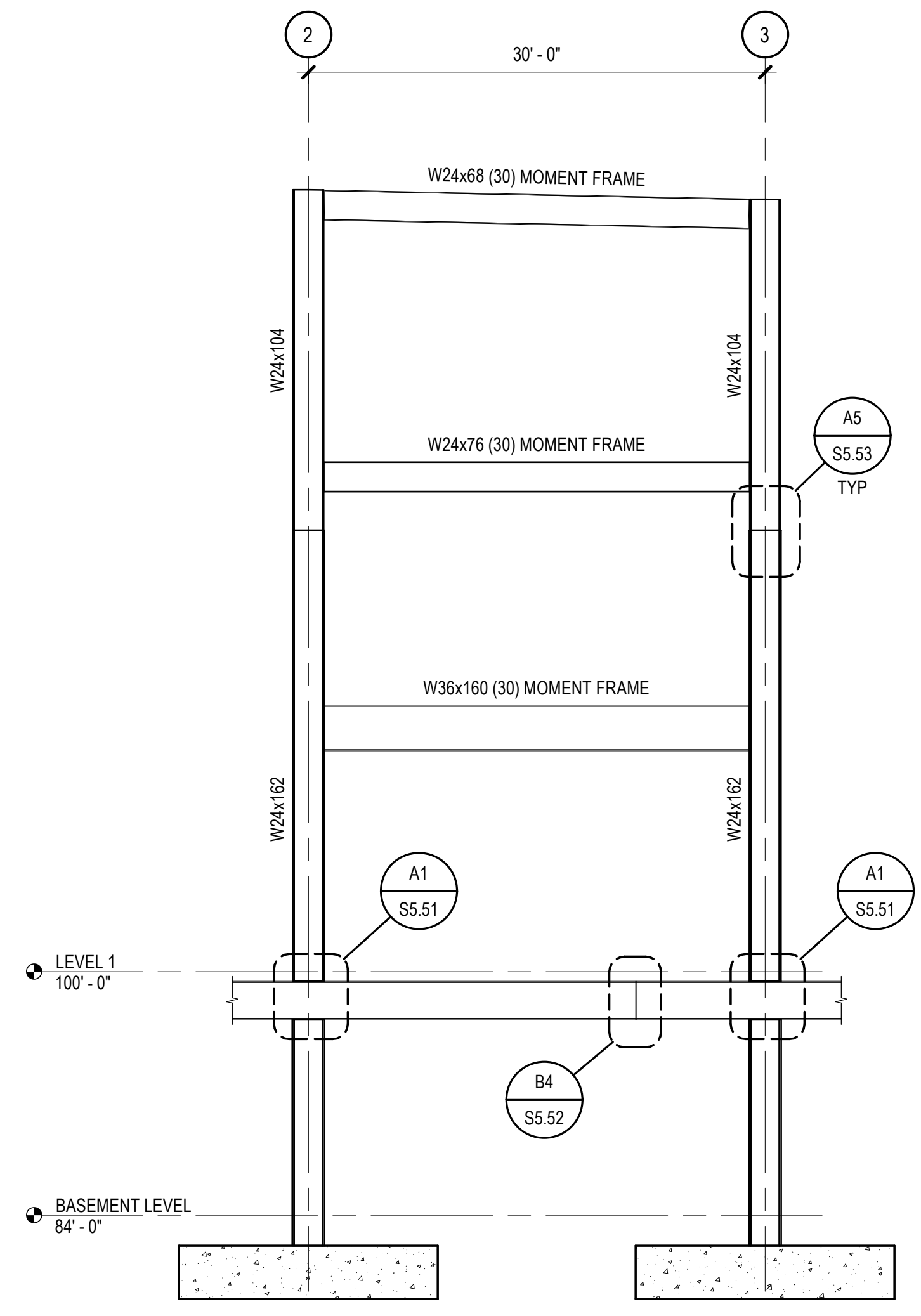
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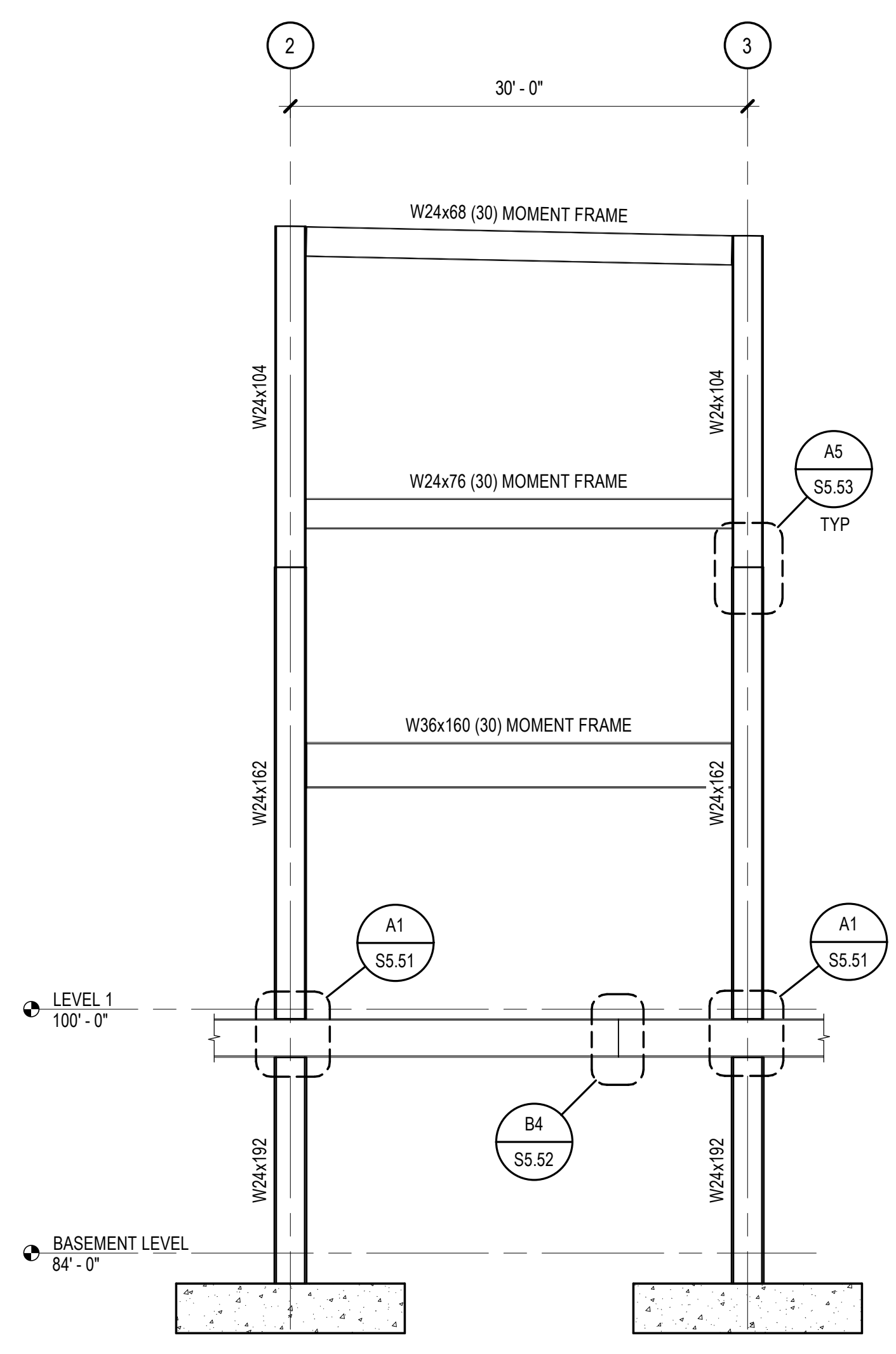
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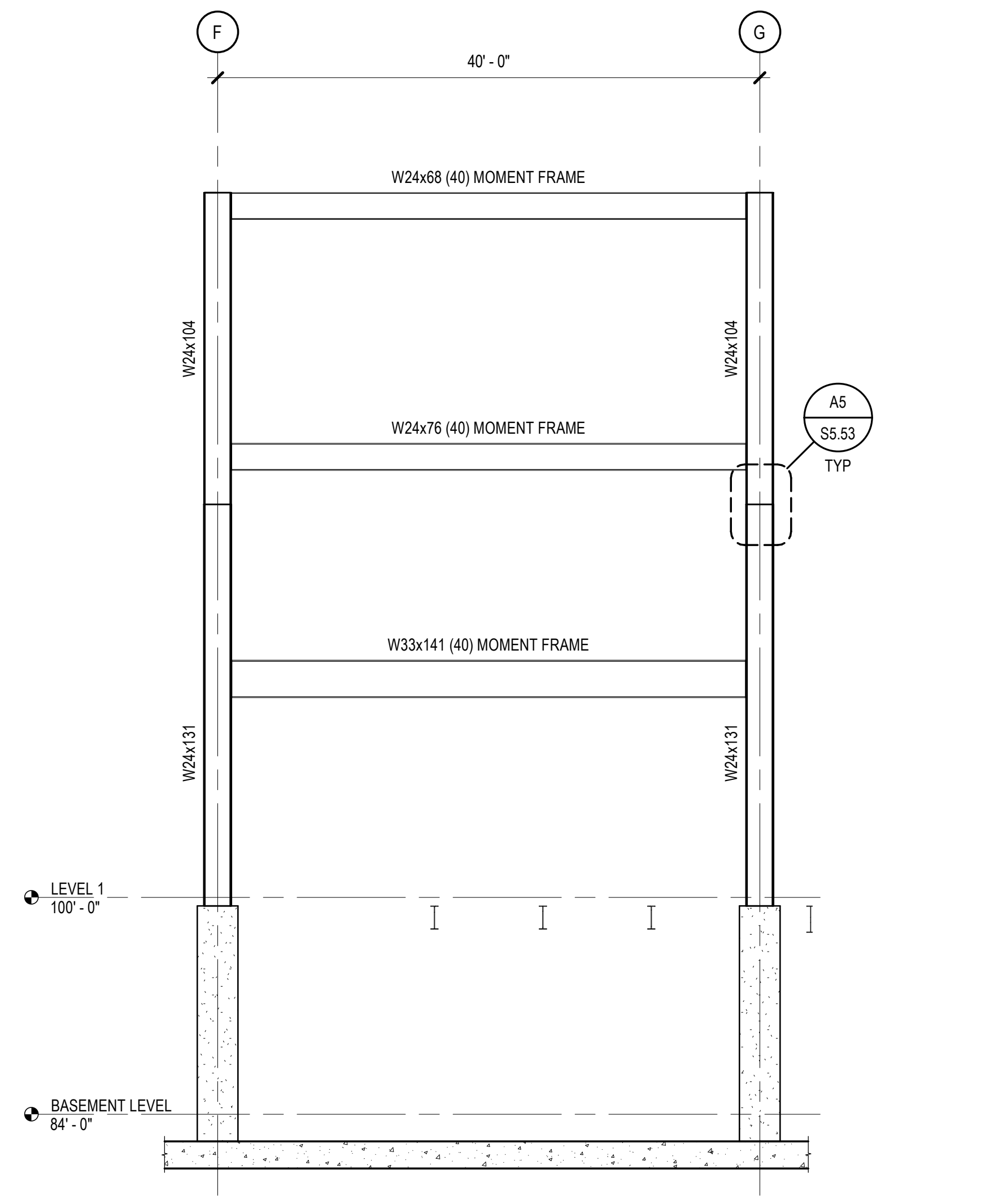
B5 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



B4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



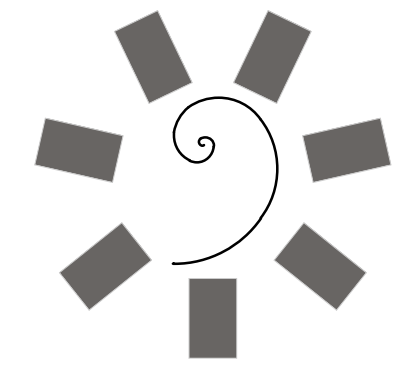
A4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



A5 MOMENT FRAME ELEVATION
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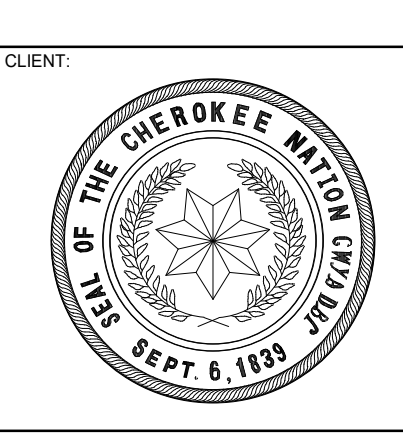
SIDEPLATE CONNECTION NOTES

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KEY PLAN:

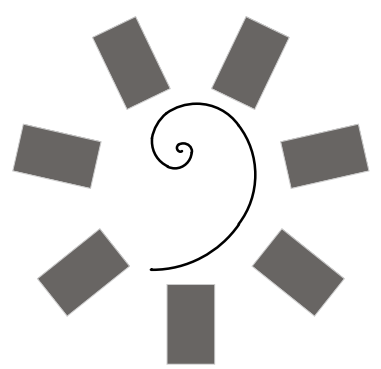
PROJECT PHASE:
BULK STEEL PACKAGE
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#	DATE	REVISIONS	DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S2.02

MOMENT FRAME AND BRACED FRAME ELEVATIONS



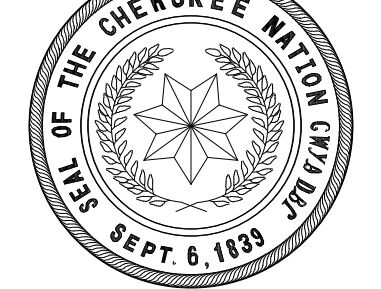
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KEY PLAN



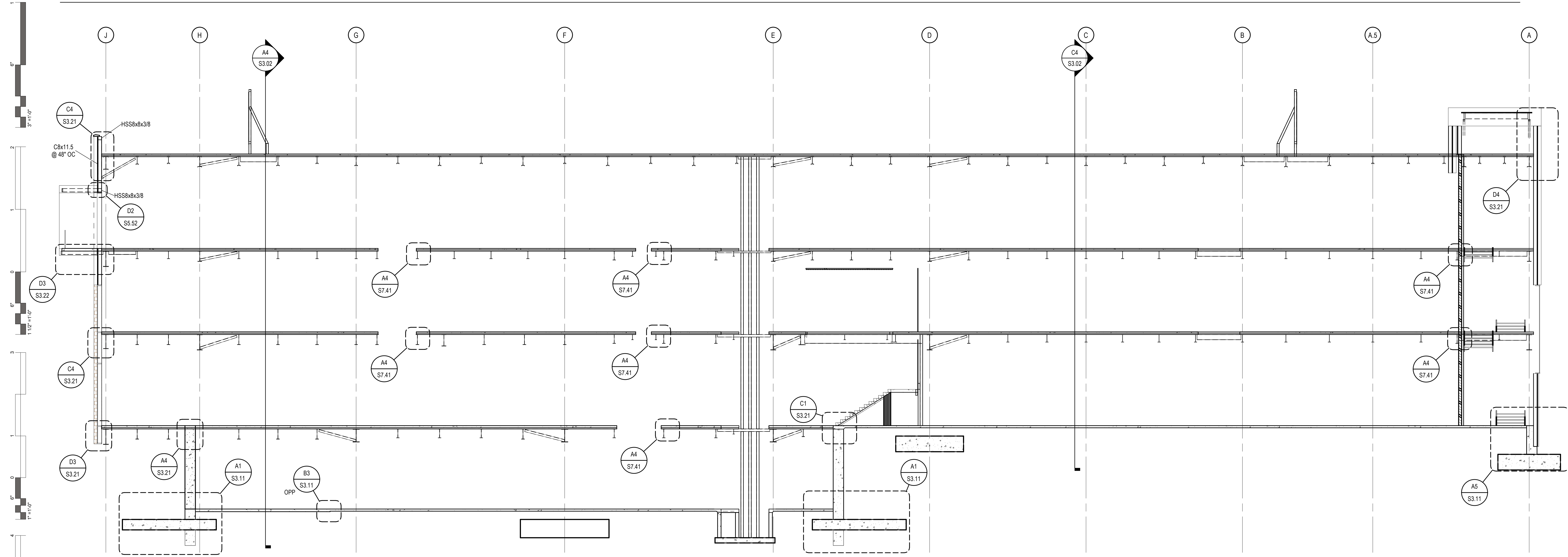
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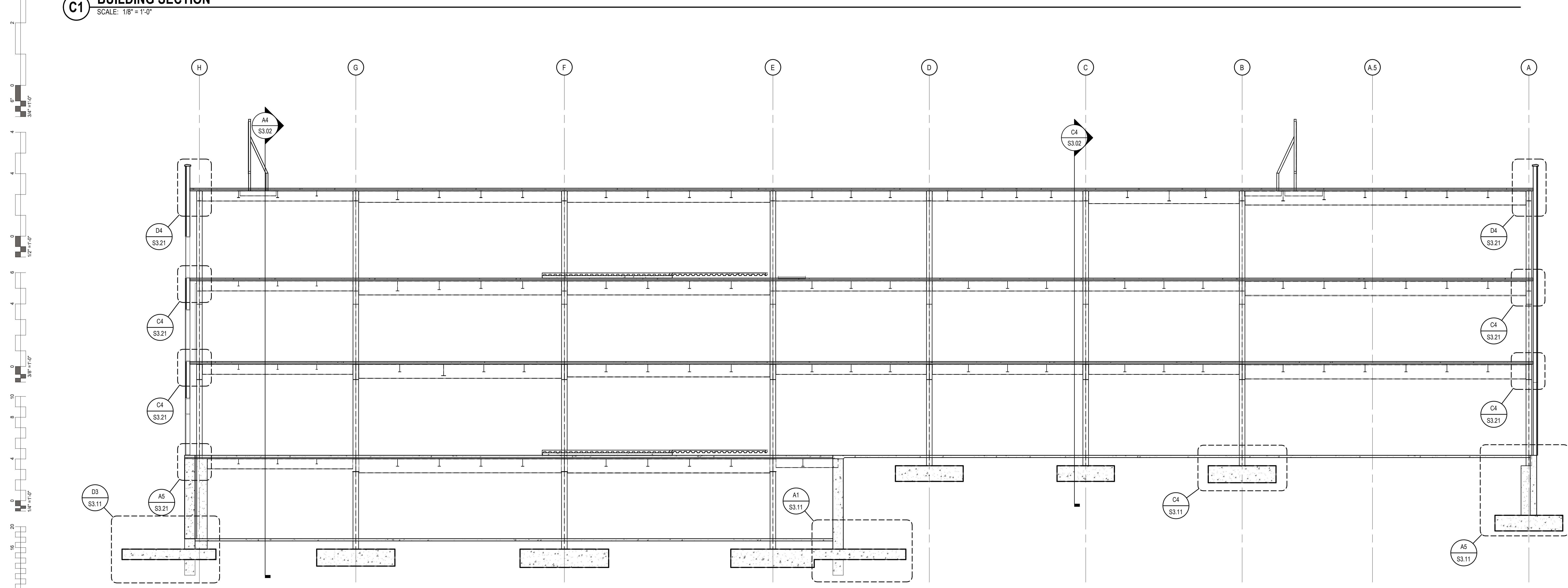
DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S3.01

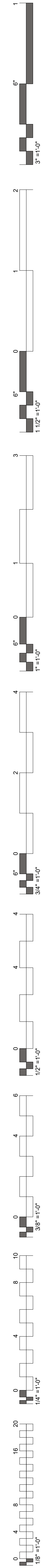
BUILDING SECTIONS



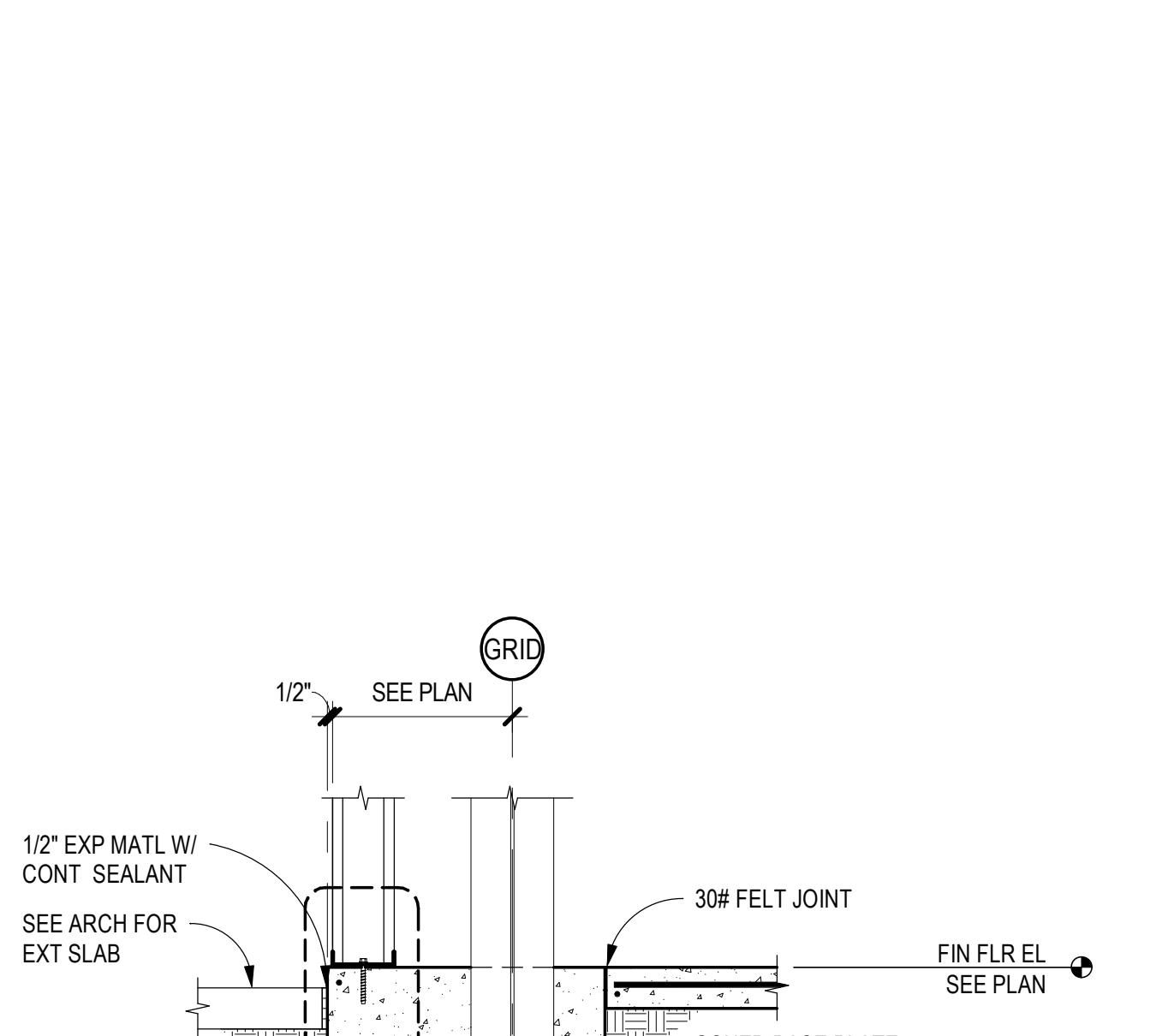
C1 BUILDING SECTION
SCALE: 1/8" = 1'-0"



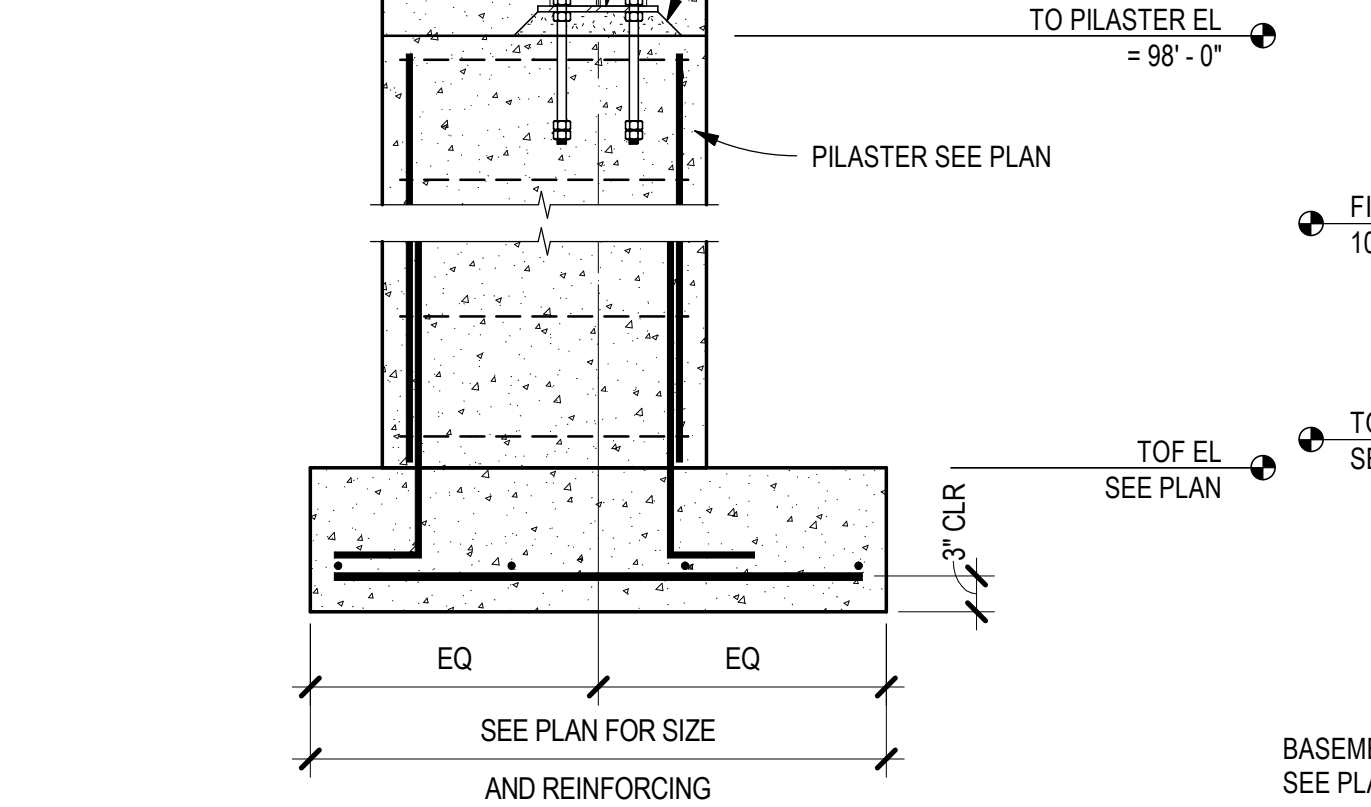
A1 BUILDING SECTION
SCALE: 1/8" = 1'-0"



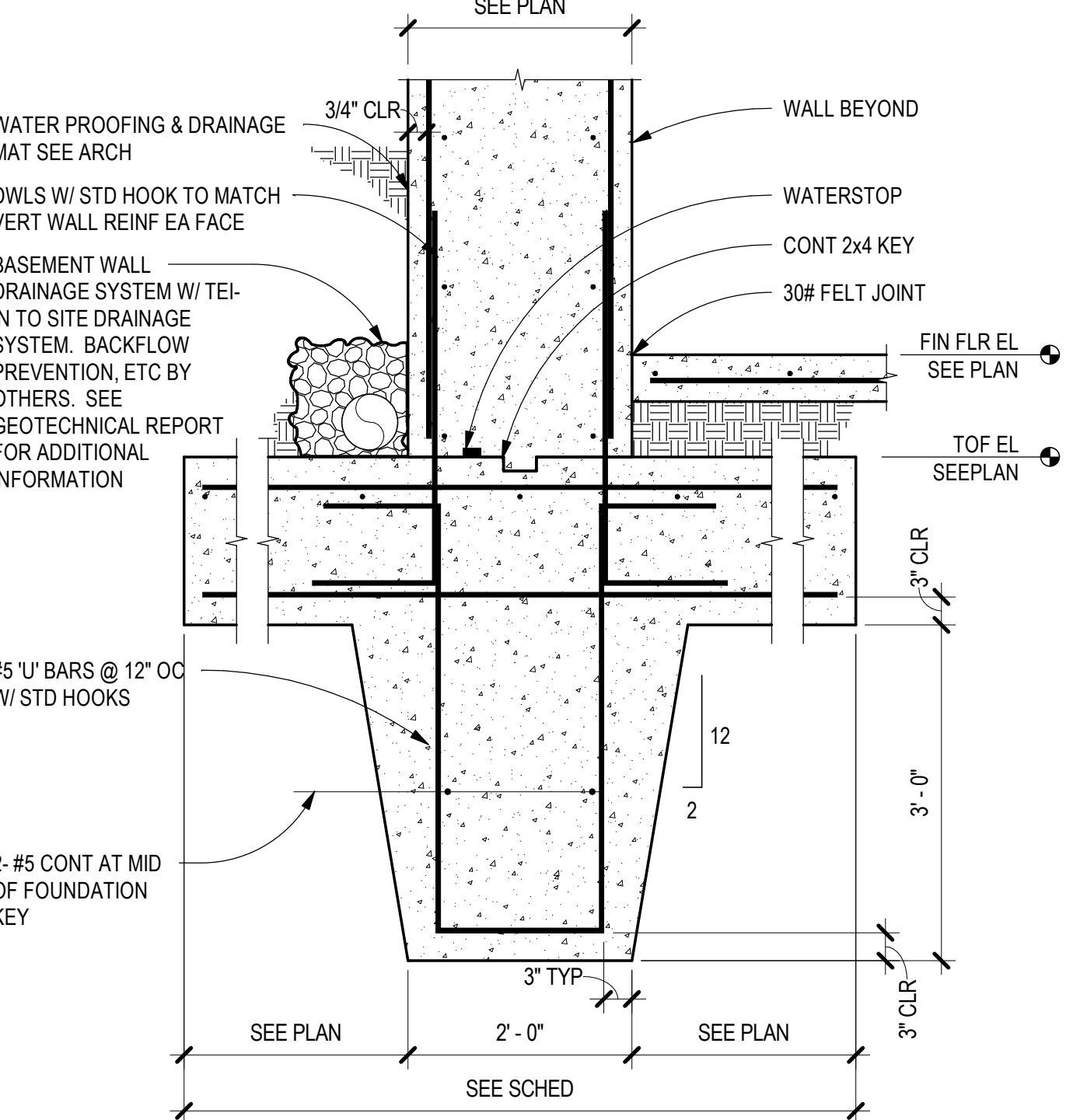
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SCALE: 3/4" = 1'-0"



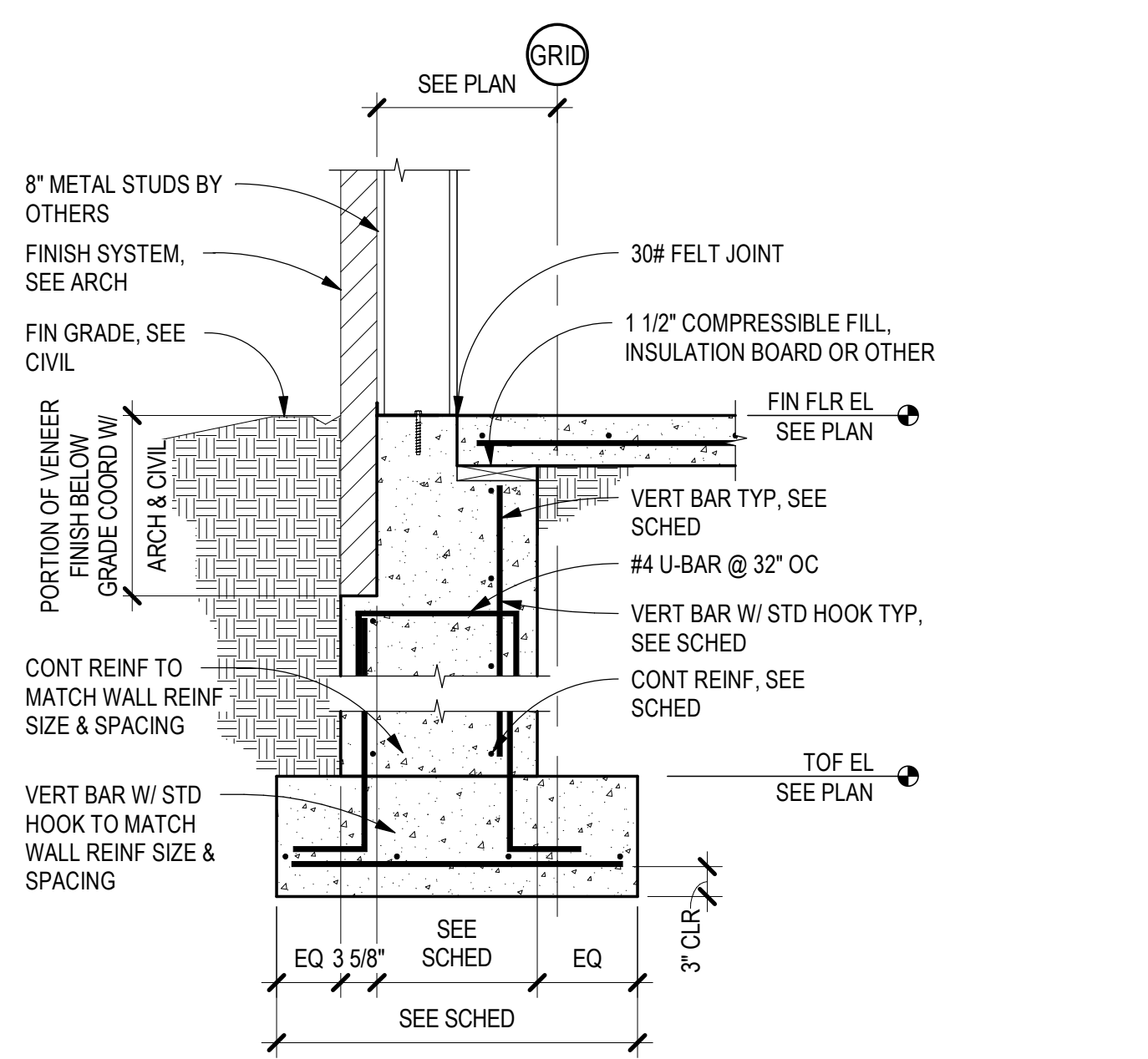
A2 CONC COLUMN SECTION
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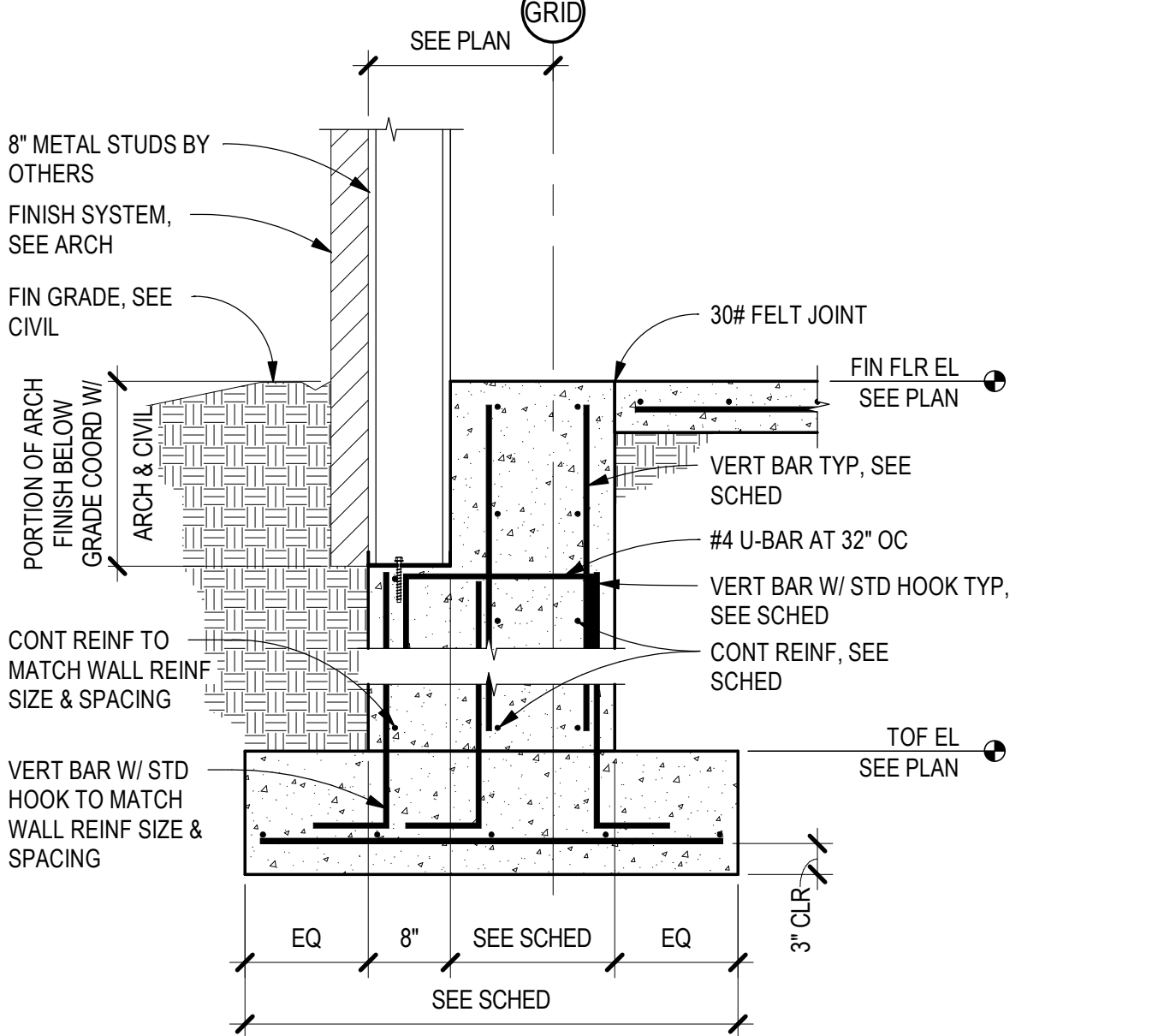
A3 FOUNDATION SECTION
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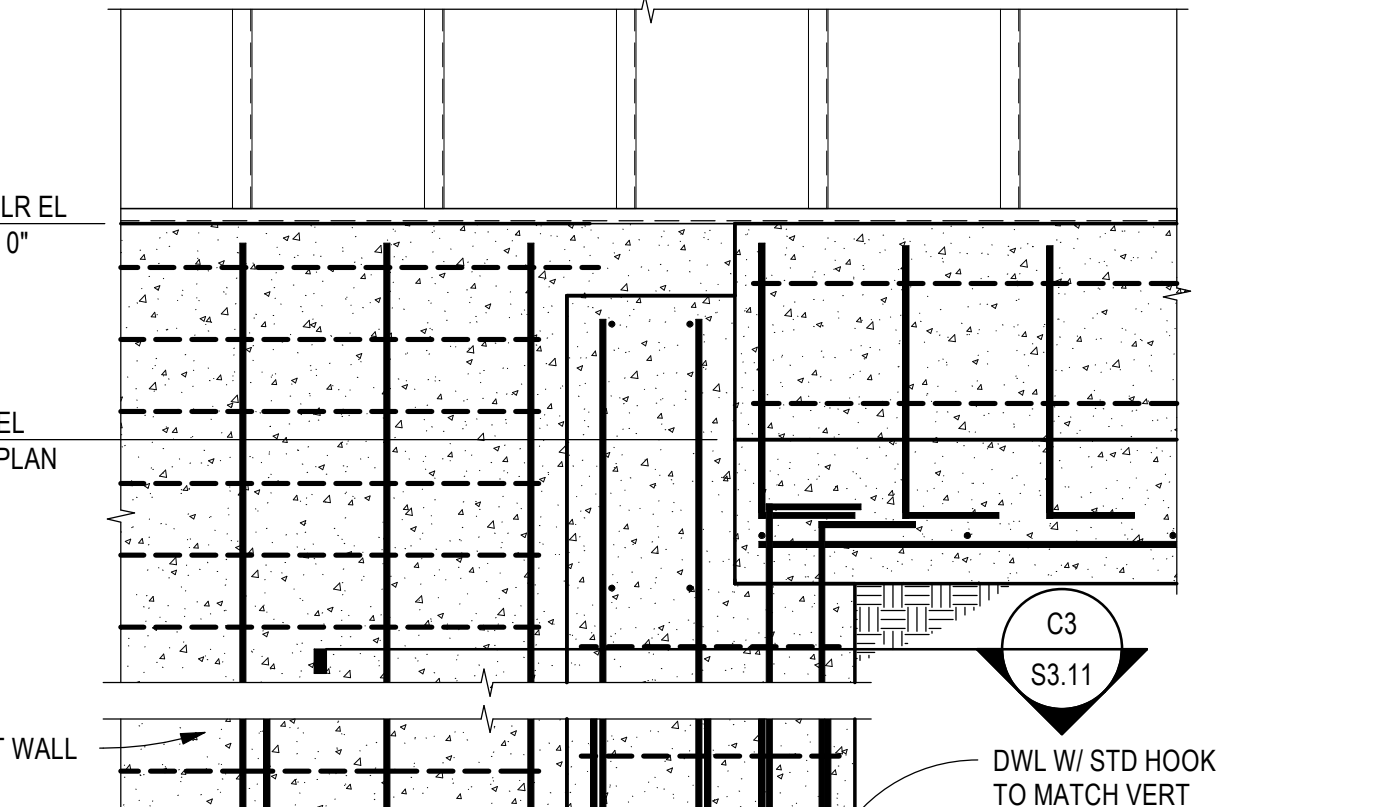
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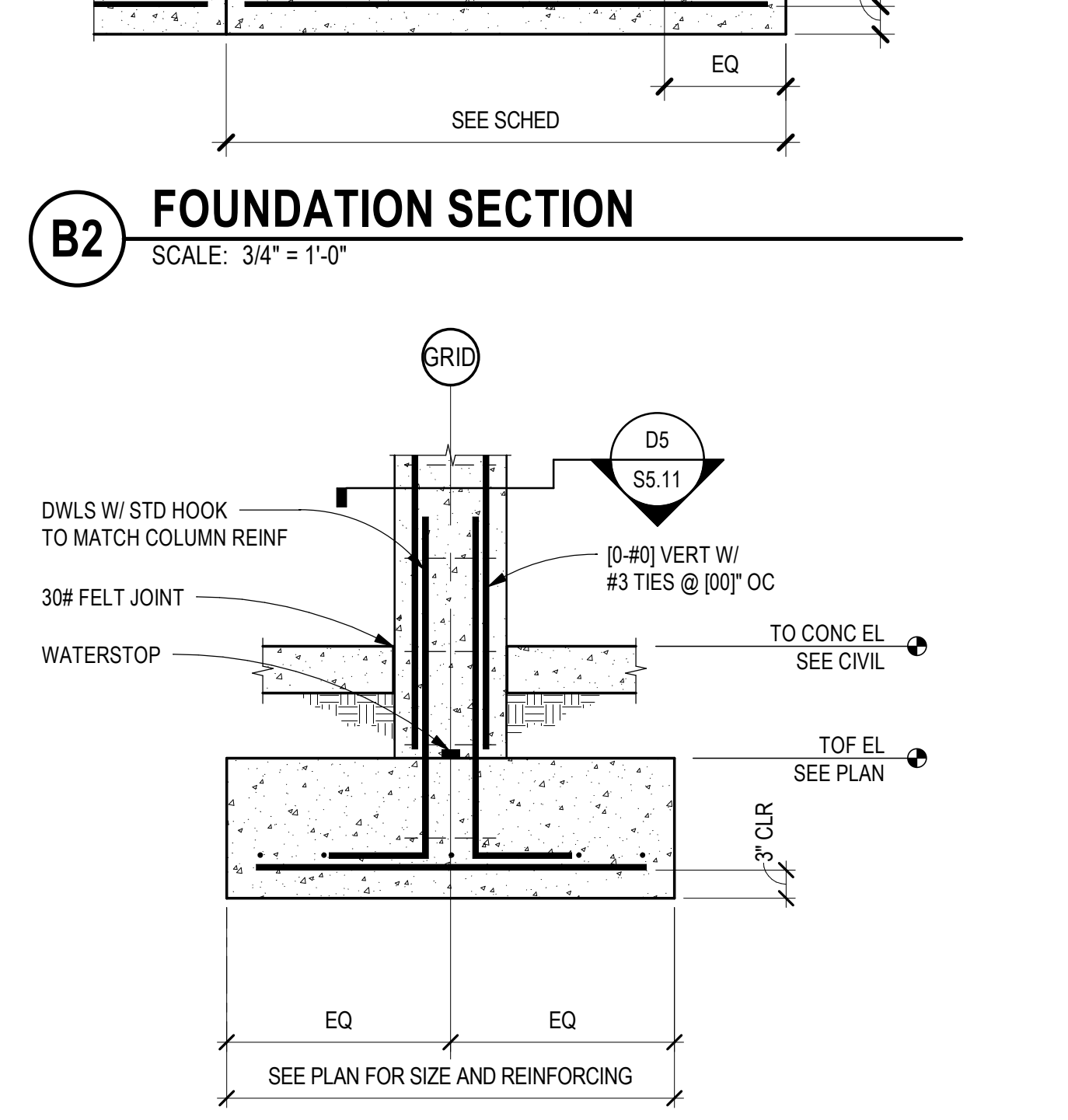
B1 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



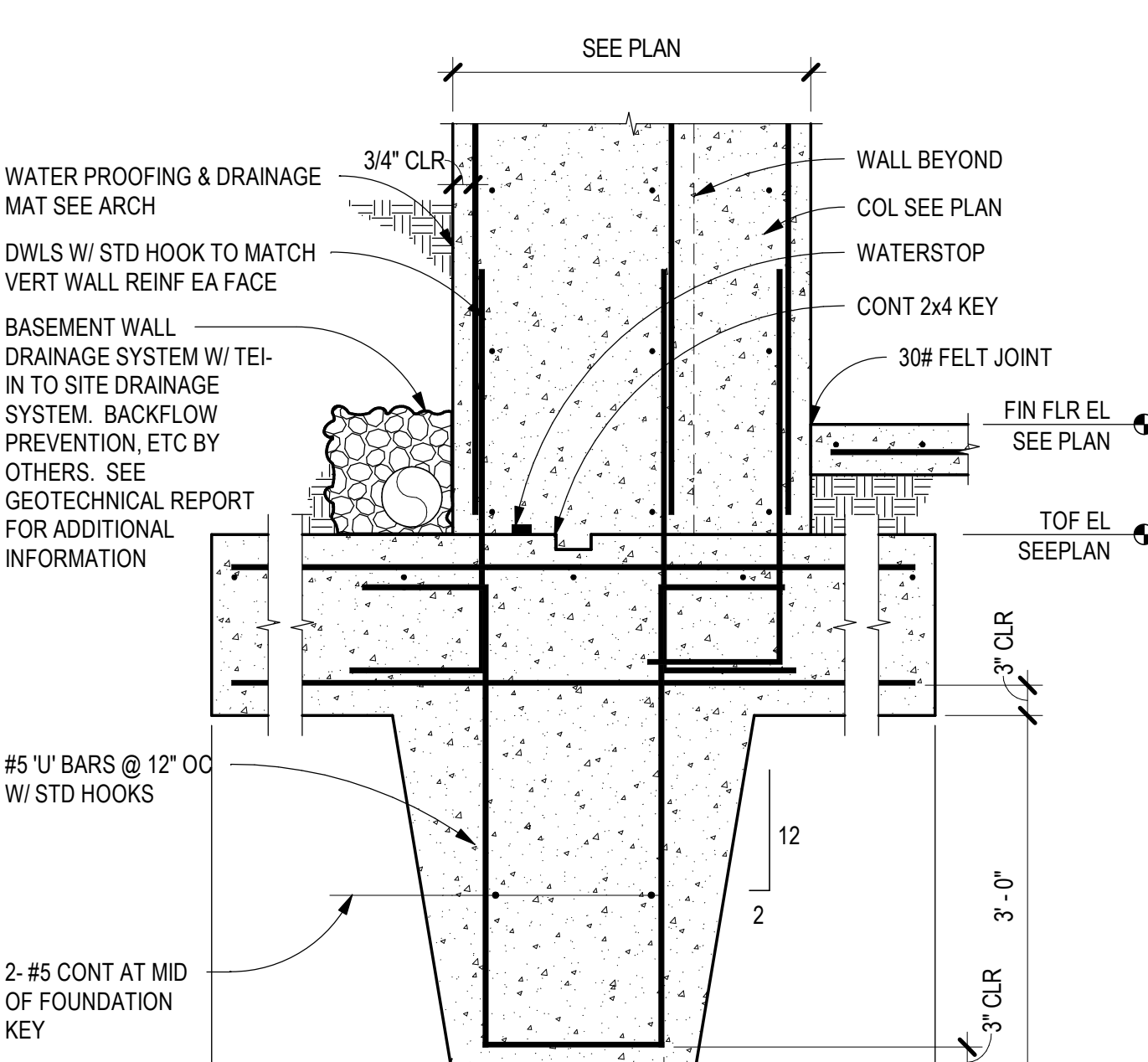
B2 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



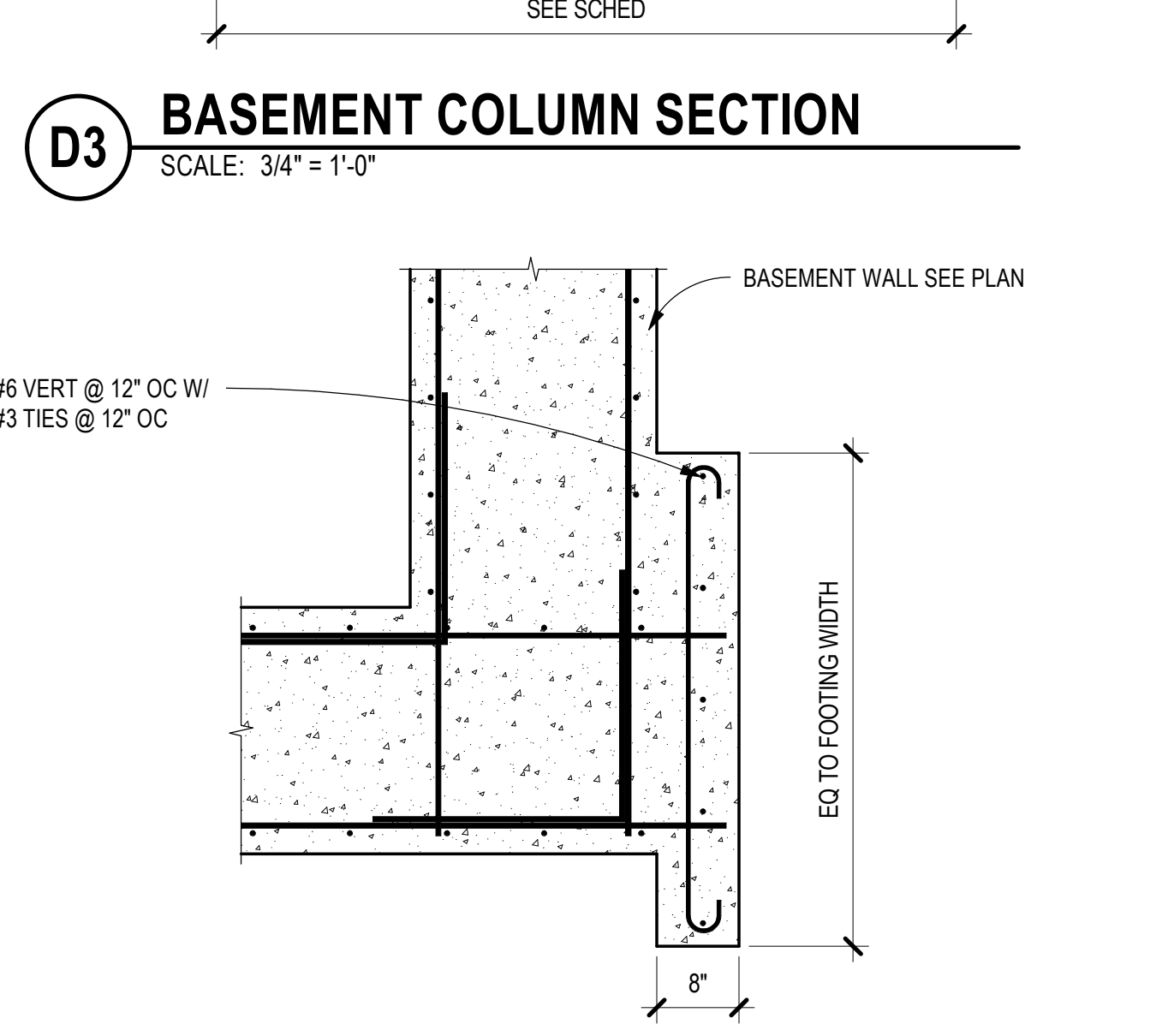
B3 SLAB THICKNESS TRANSITION
SCALE: 3/4" = 1'-0"



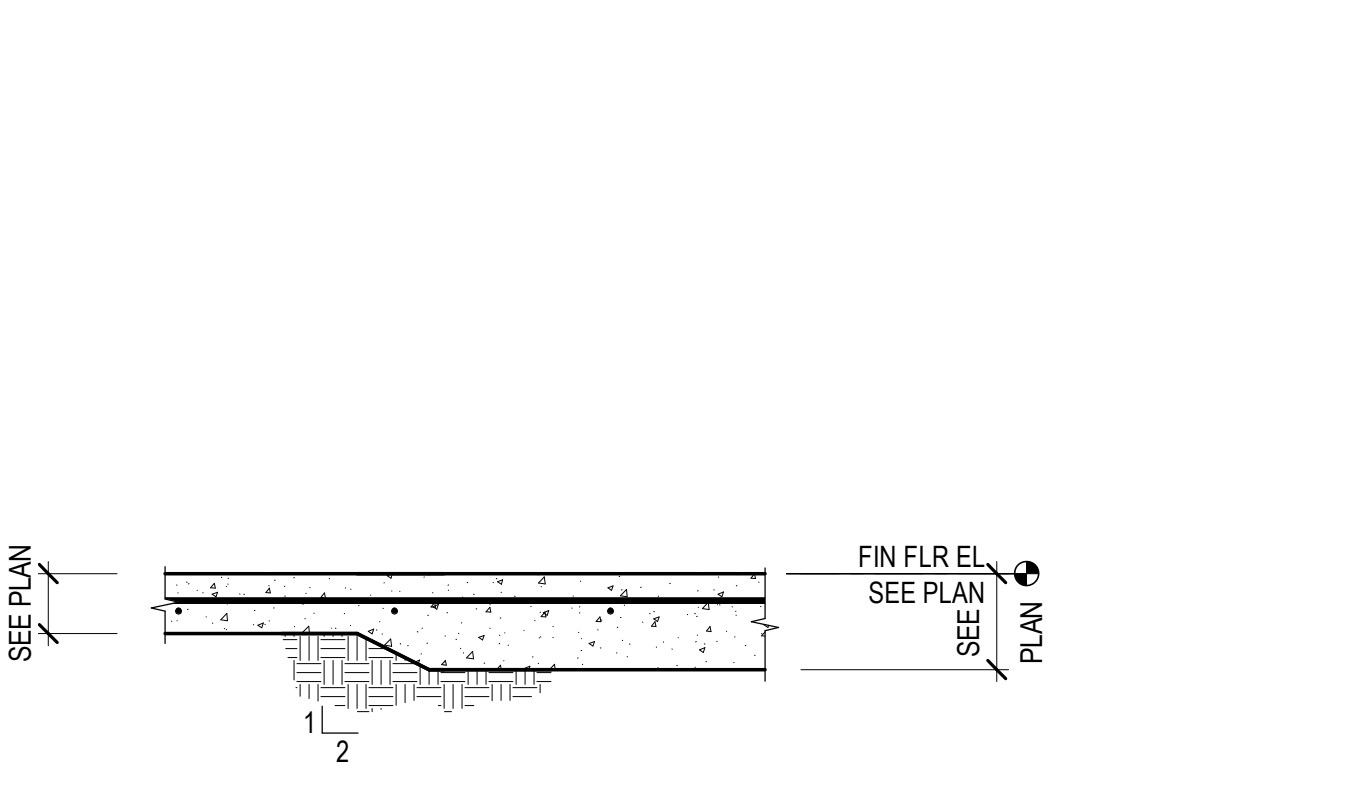
B4 PERIMETER COLUMN SECTION
SCALE: 3/4" = 1'-0"



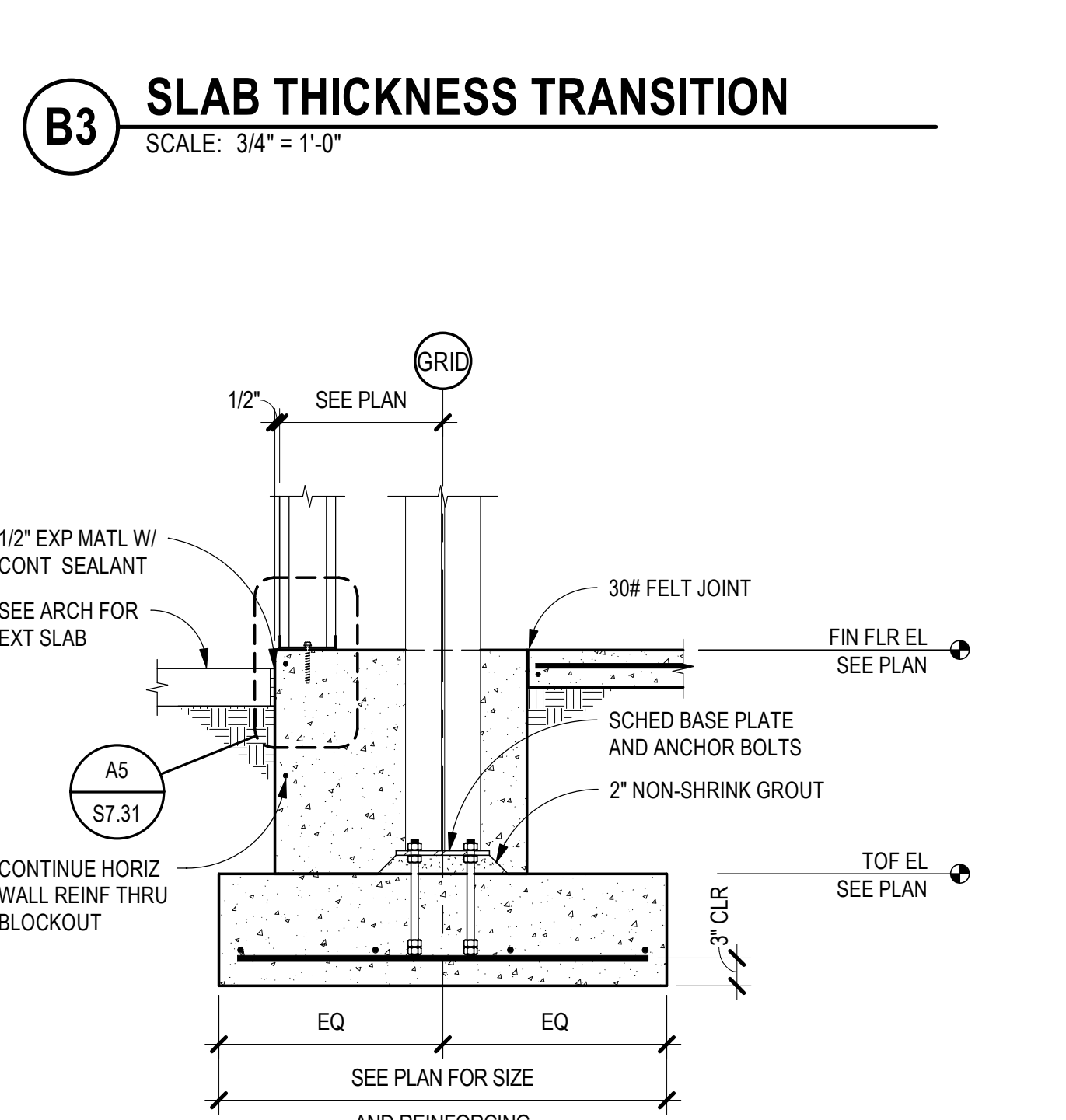
B5 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



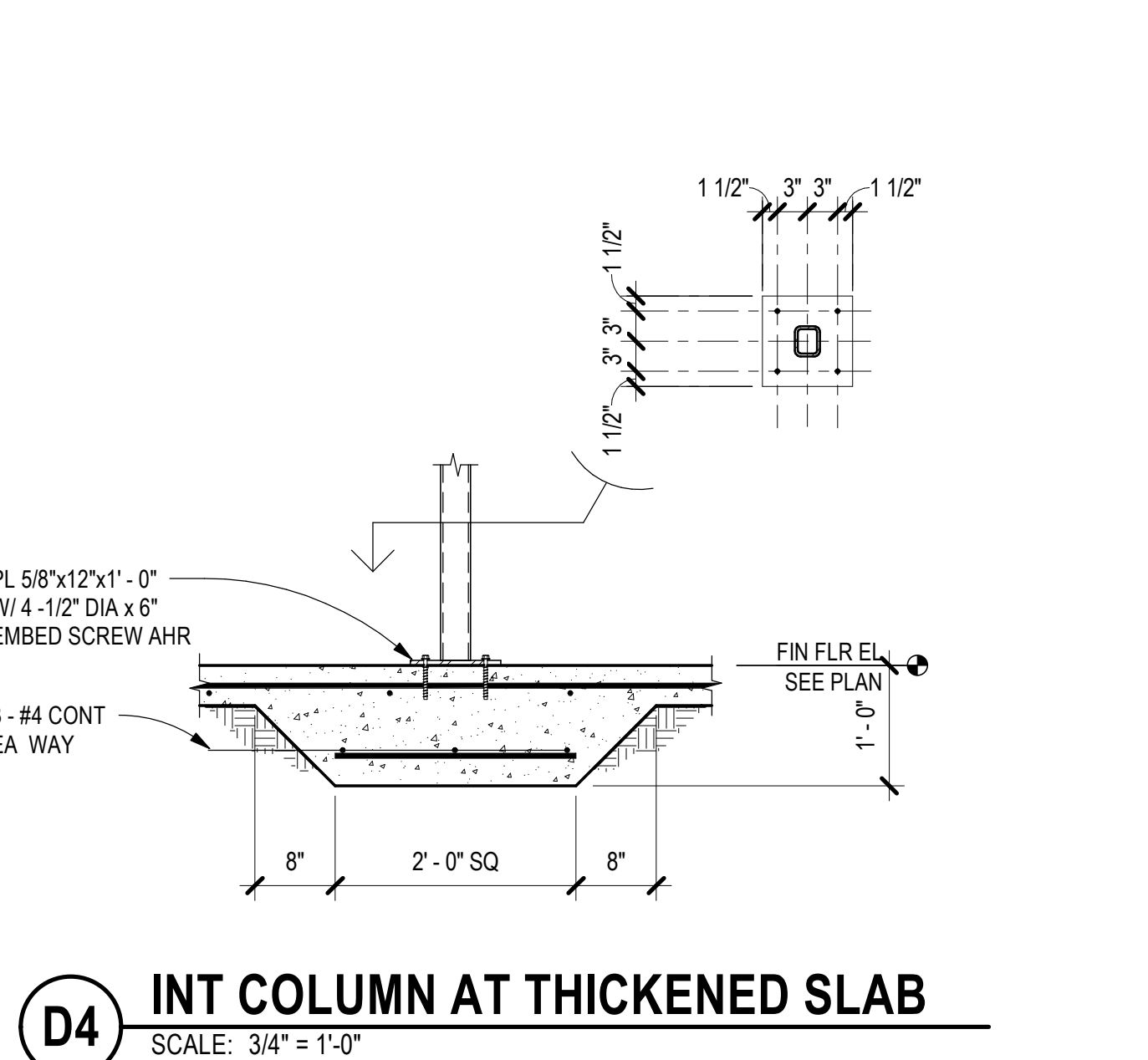
C1 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



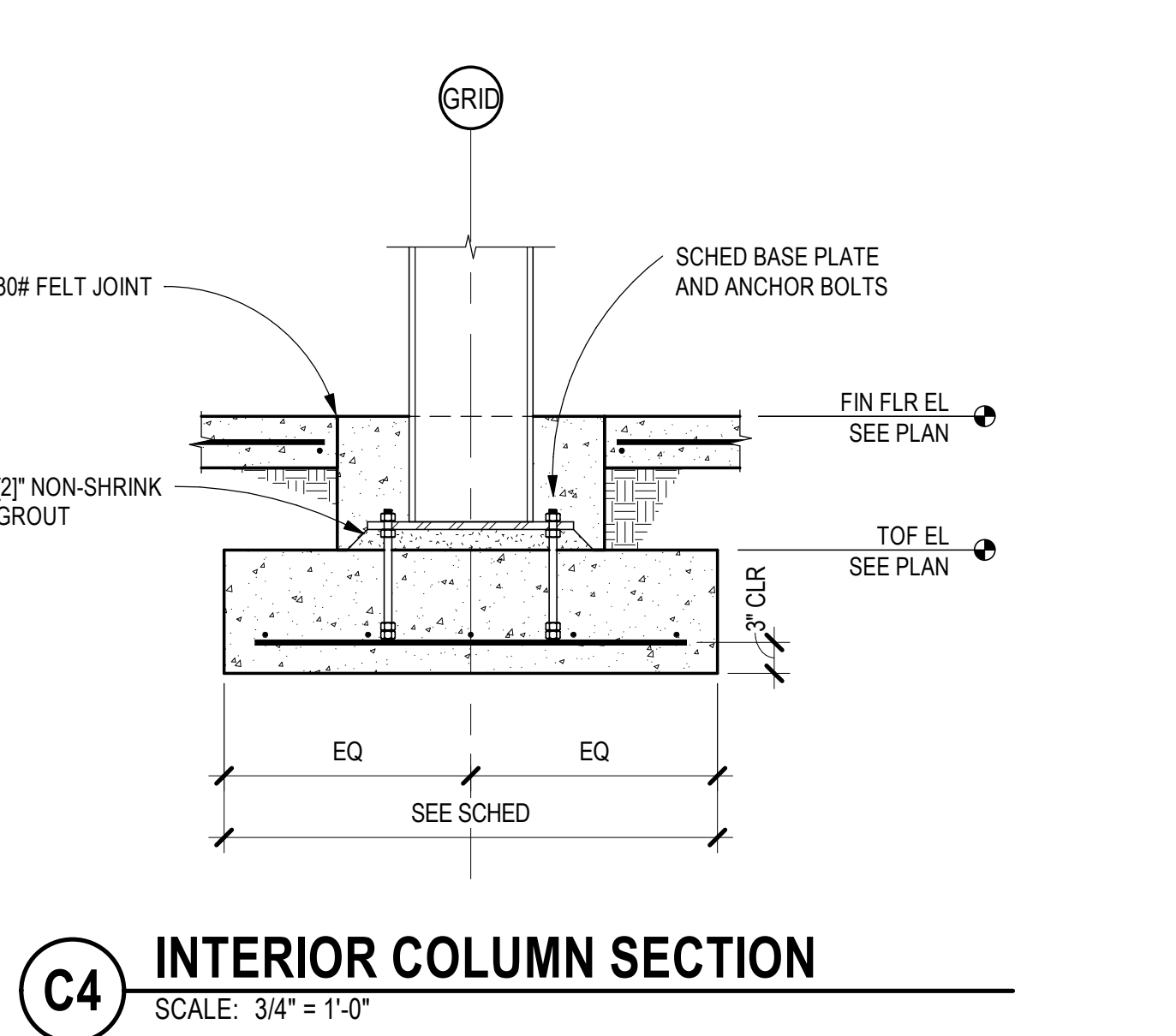
C2 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



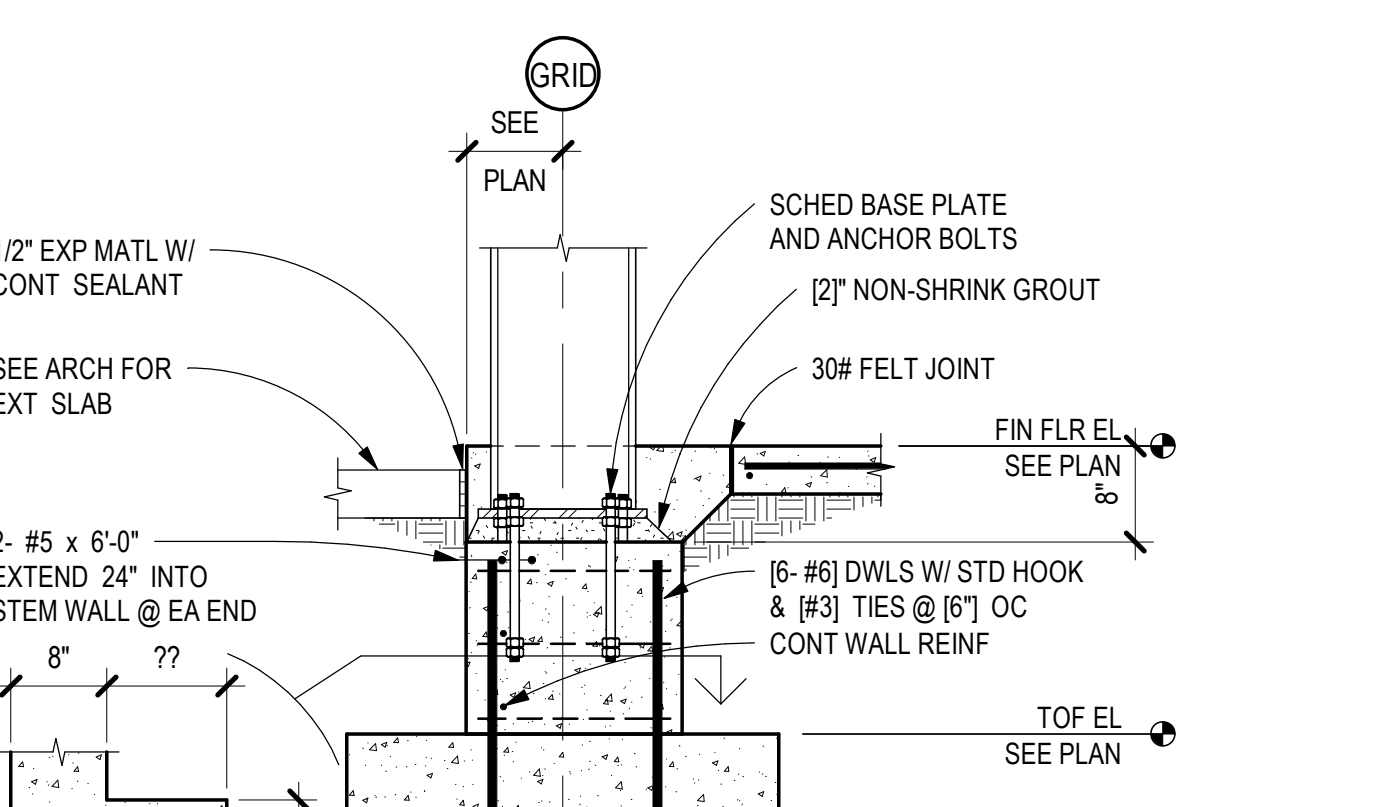
C3 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



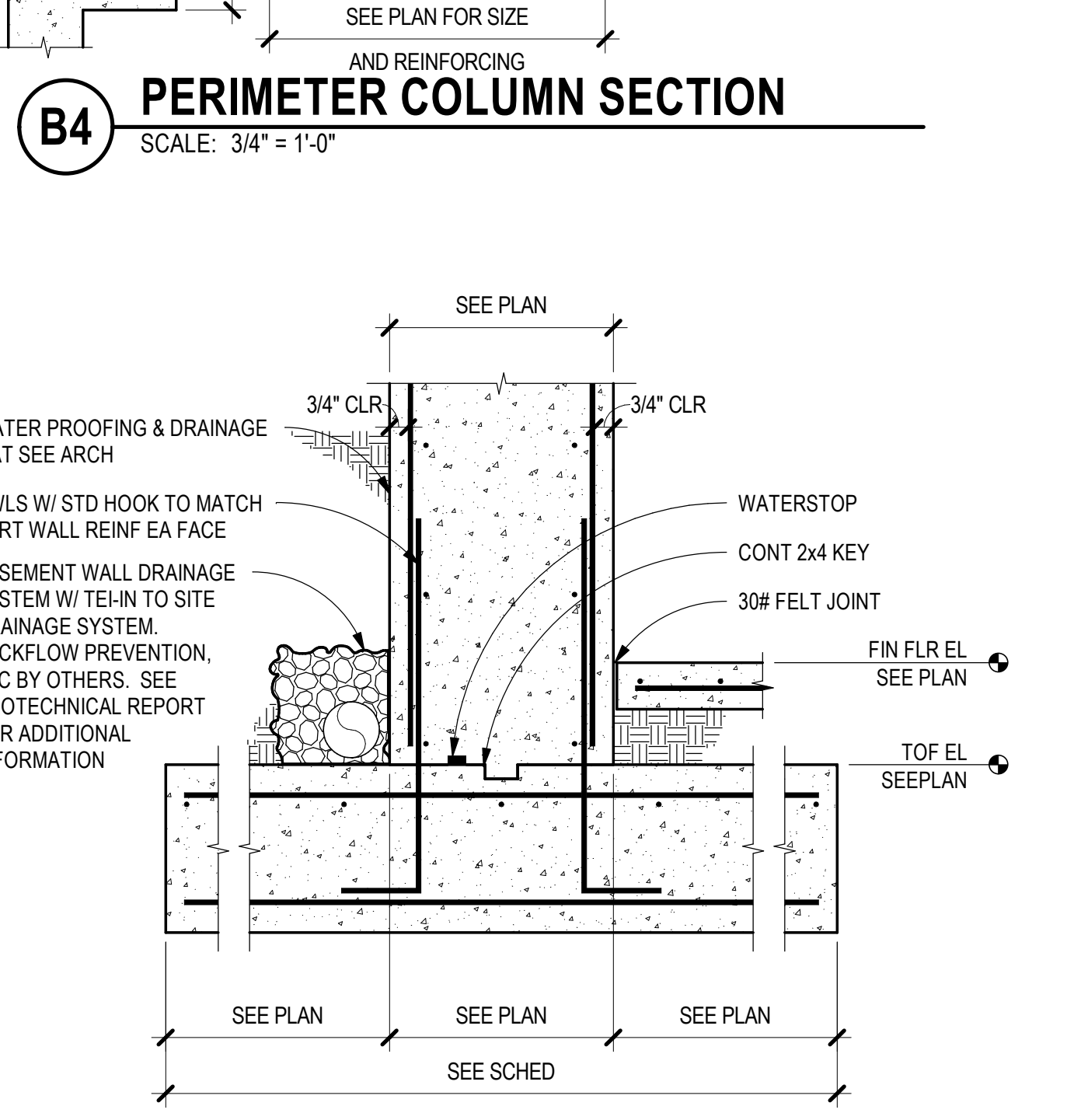
D1 INTERIOR COLUMN SECTION
SCALE: 3/4" = 1'-0"



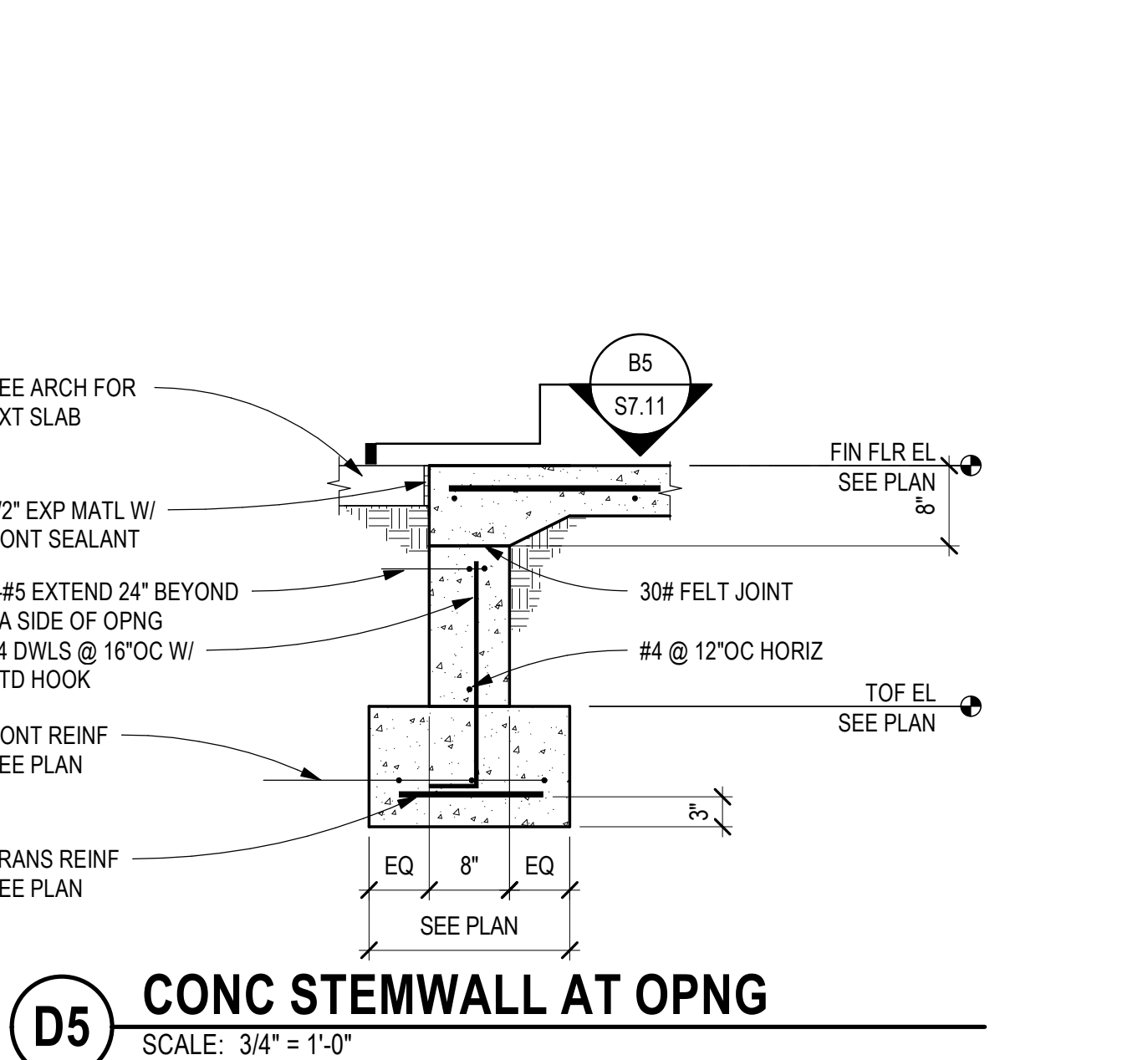
D2 BASEMENT COLUMN SECTION
SCALE: 3/4" = 1'-0"



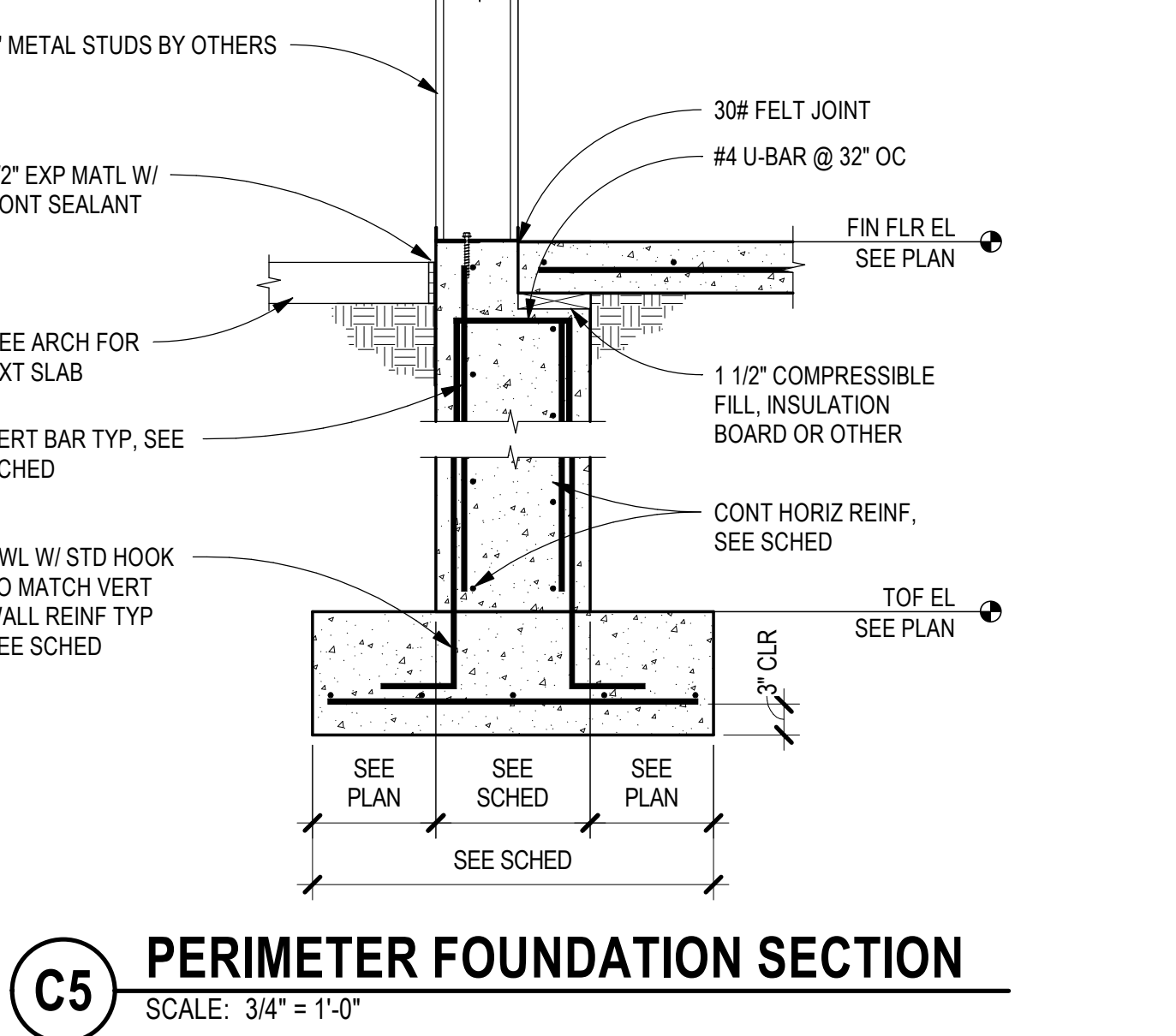
D3 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



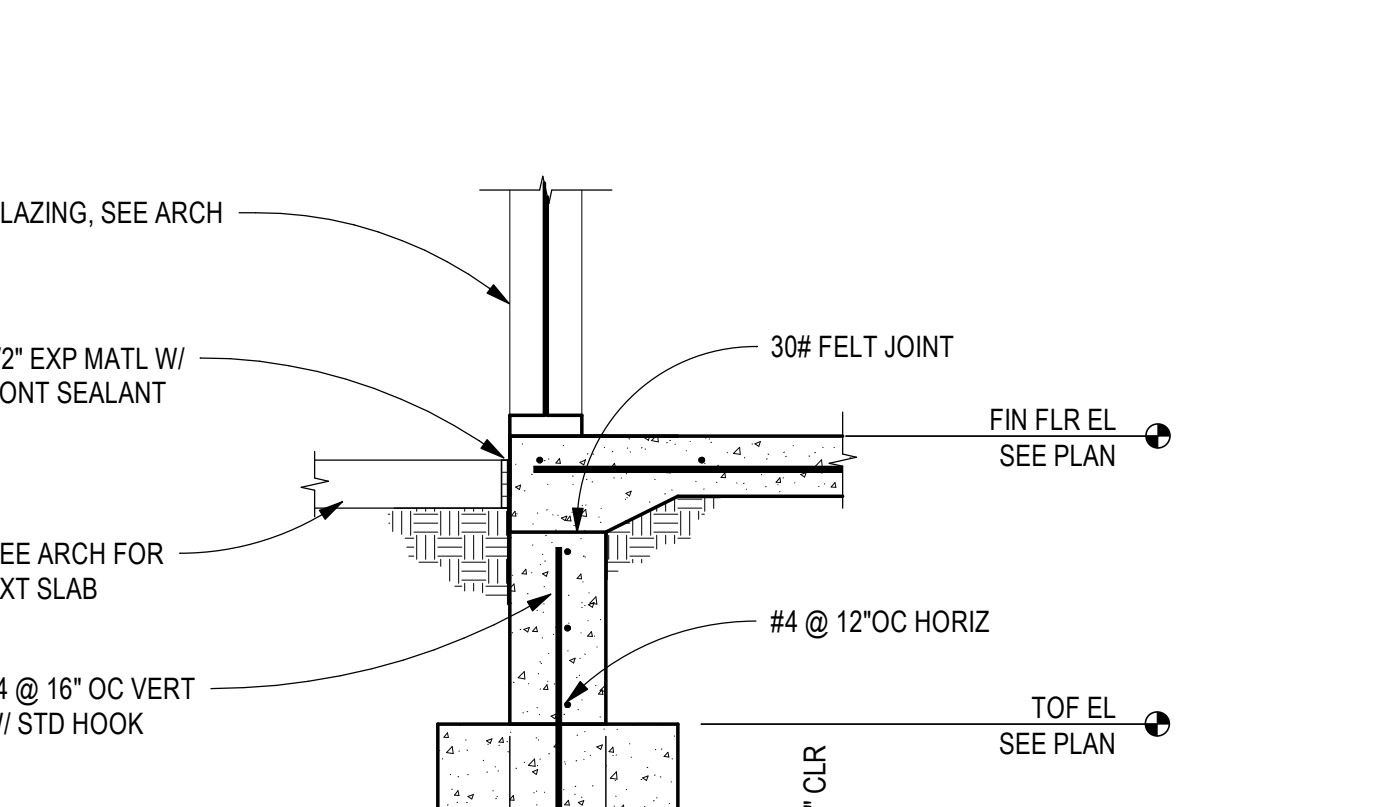
D4 INTERIOR COLUMN SECTION
SCALE: 3/4" = 1'-0"



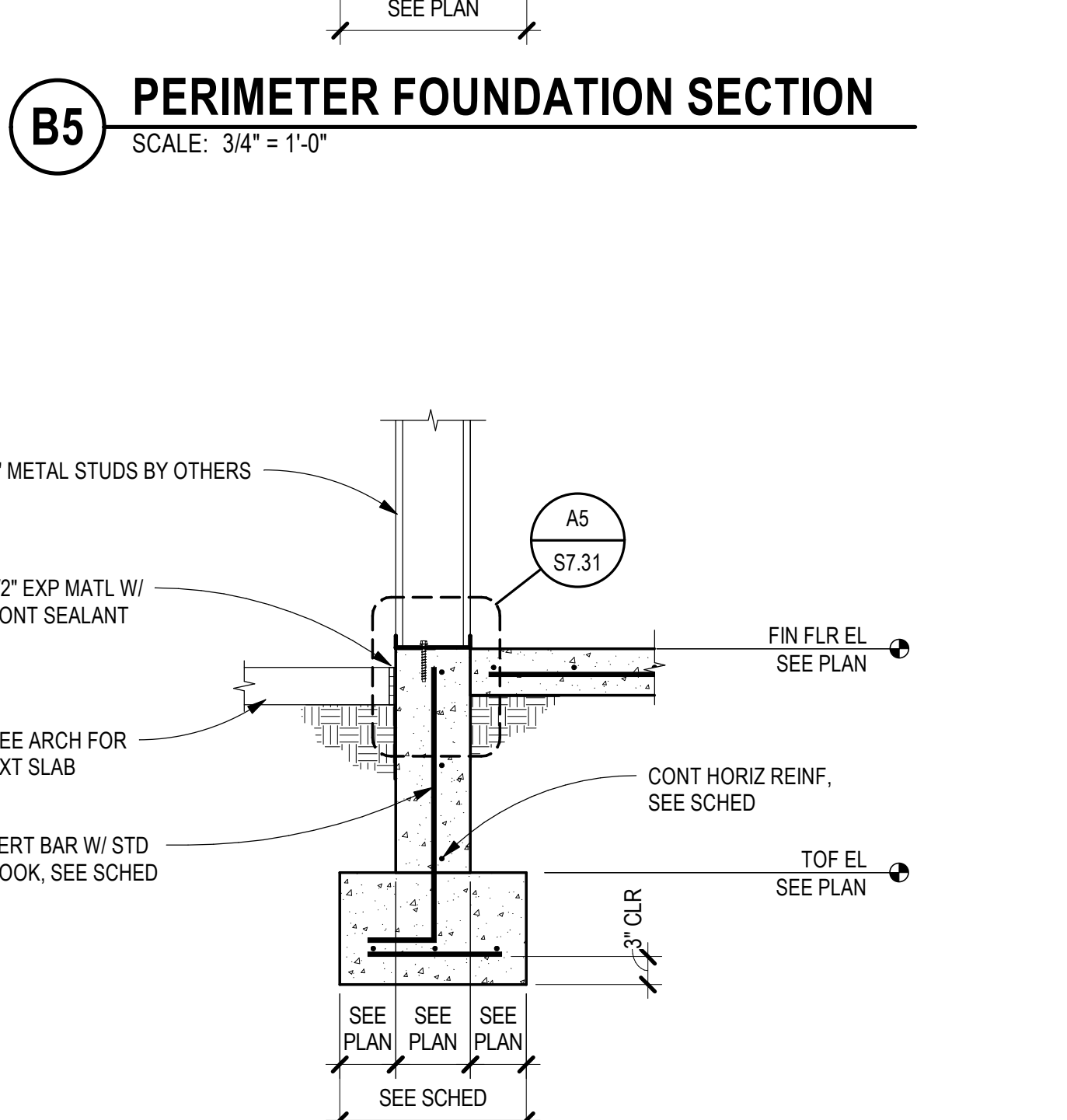
D5 CONC STEMWALL AT OPNG
SCALE: 3/4" = 1'-0"



E1 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"

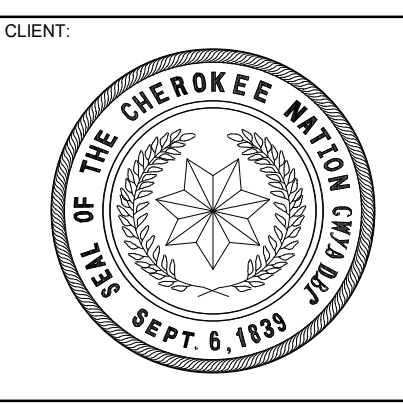


E2 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



E3 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"

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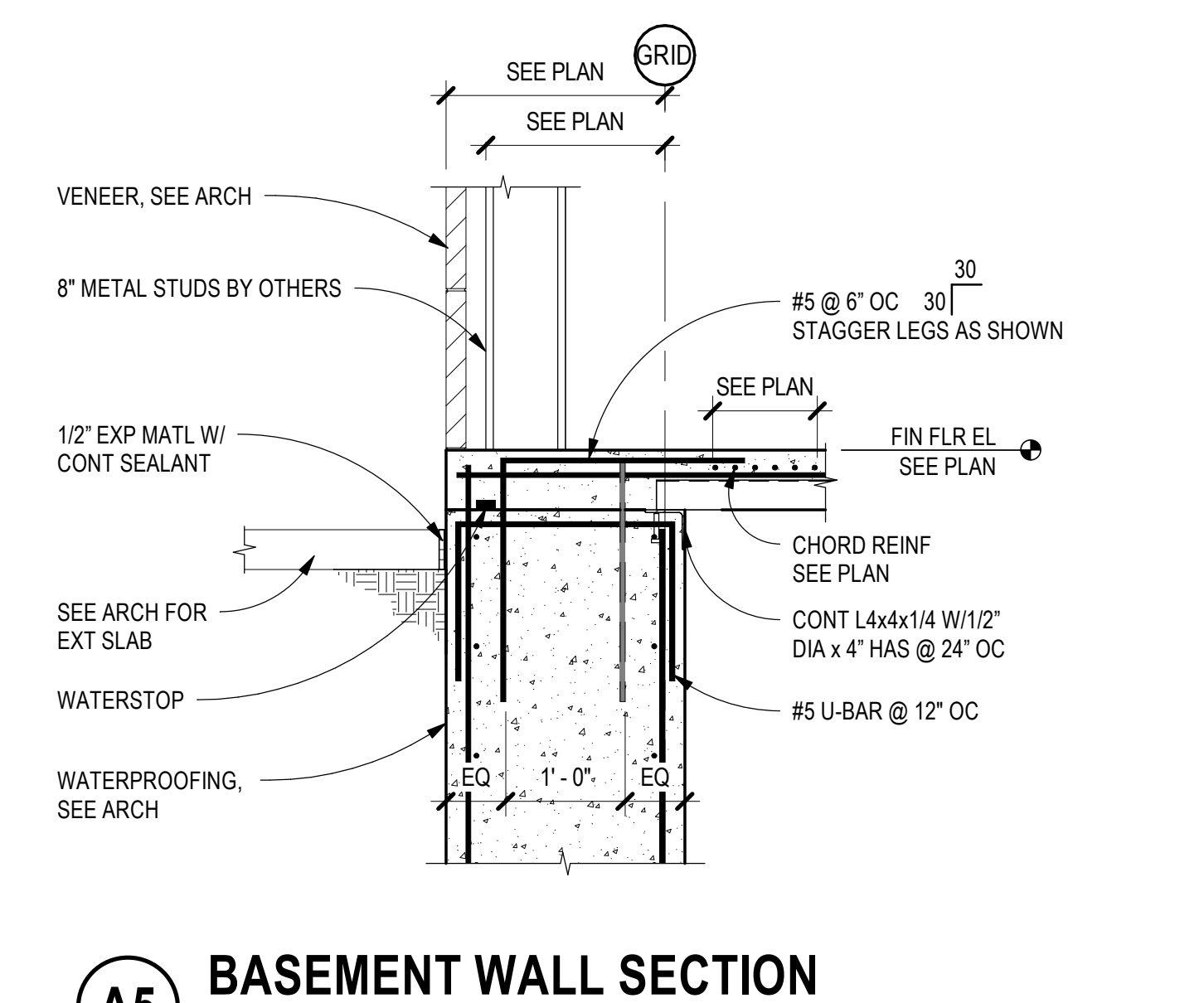
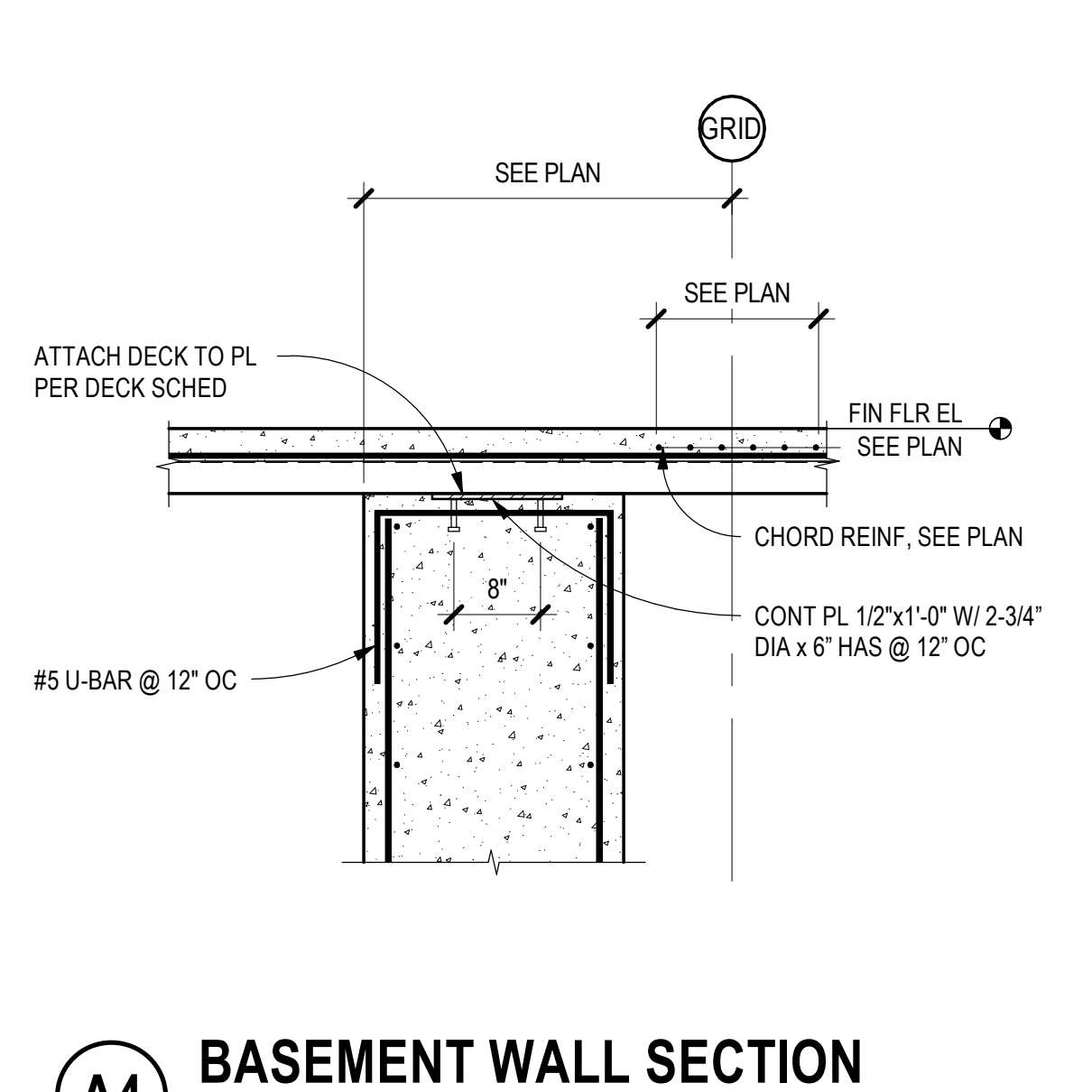
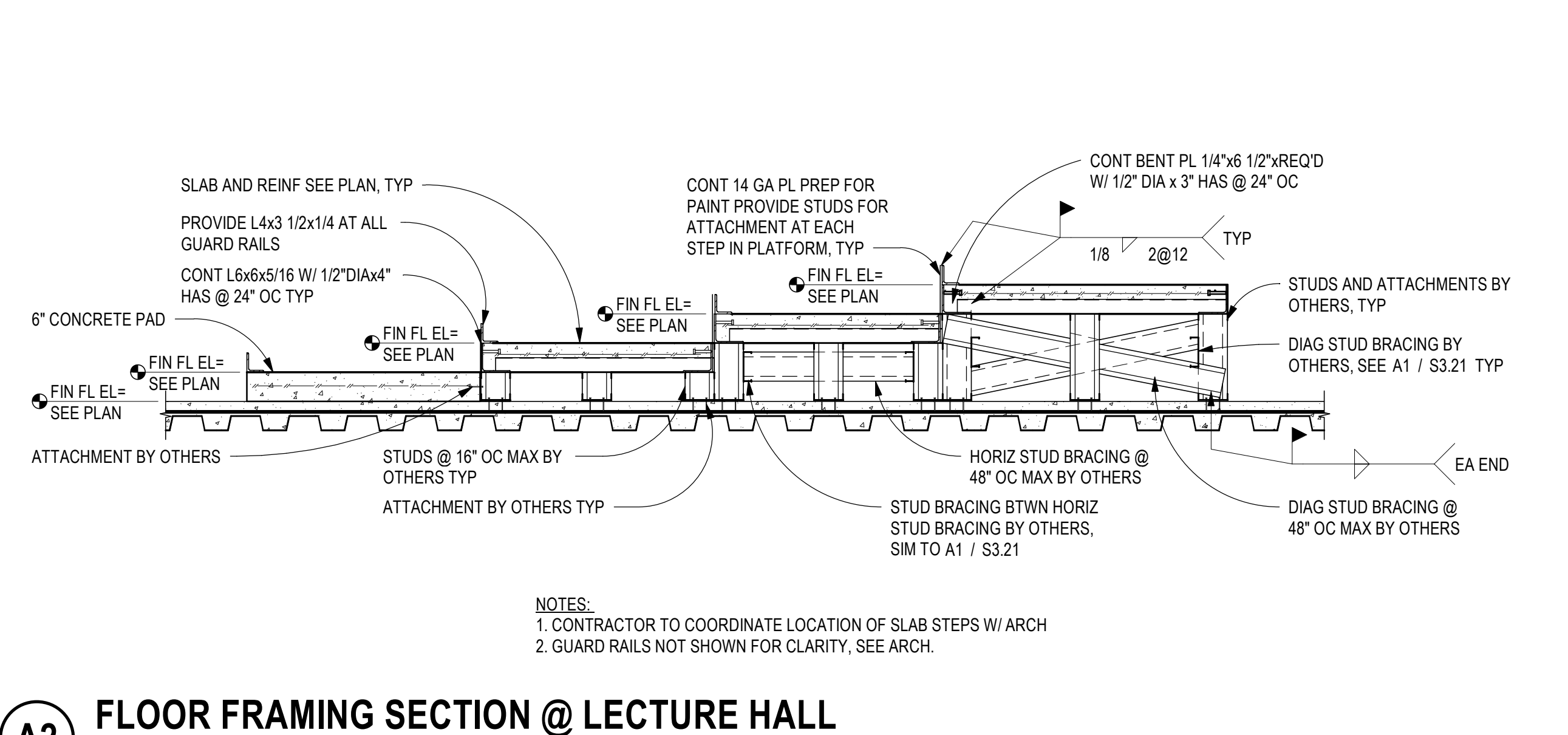
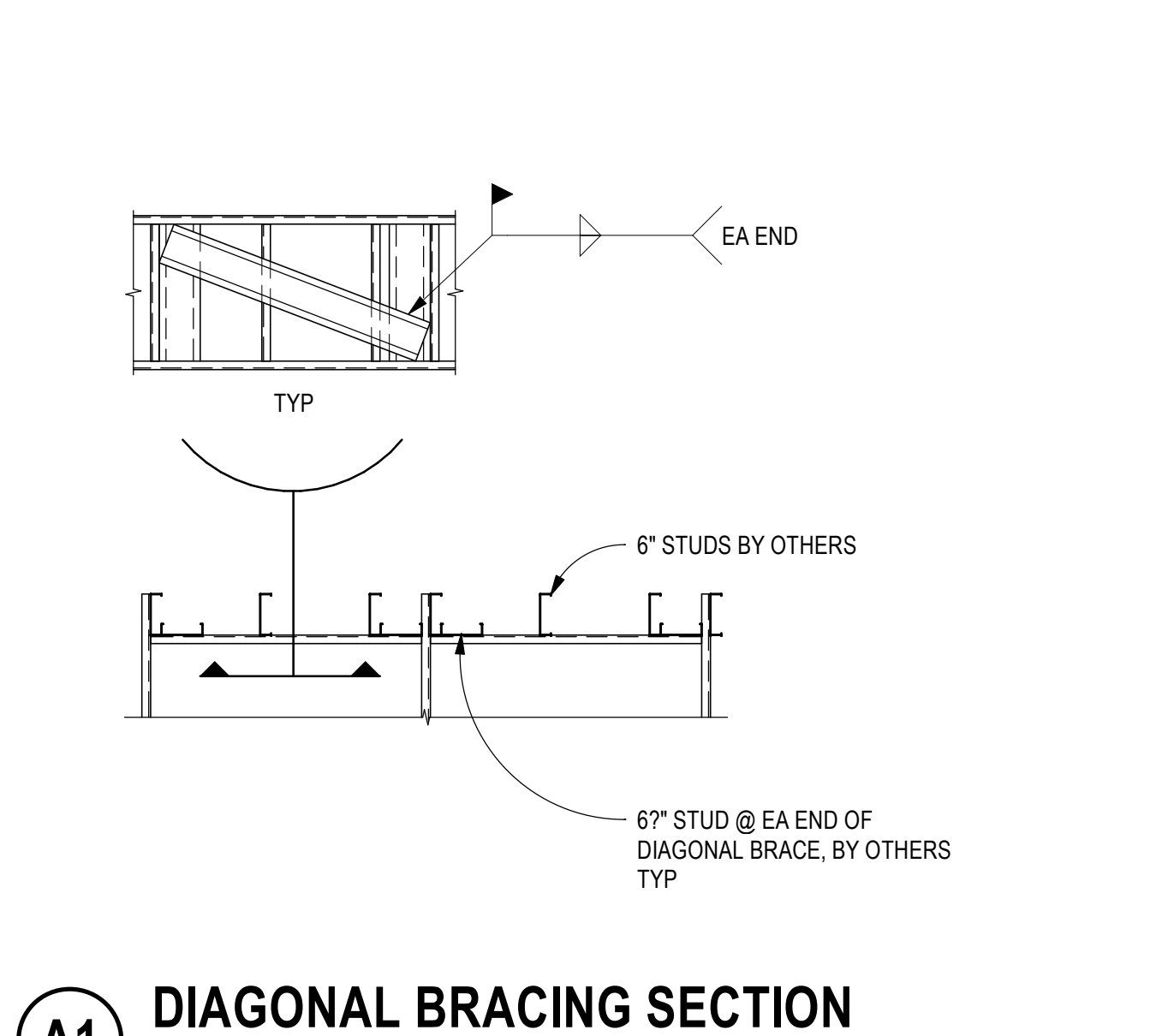
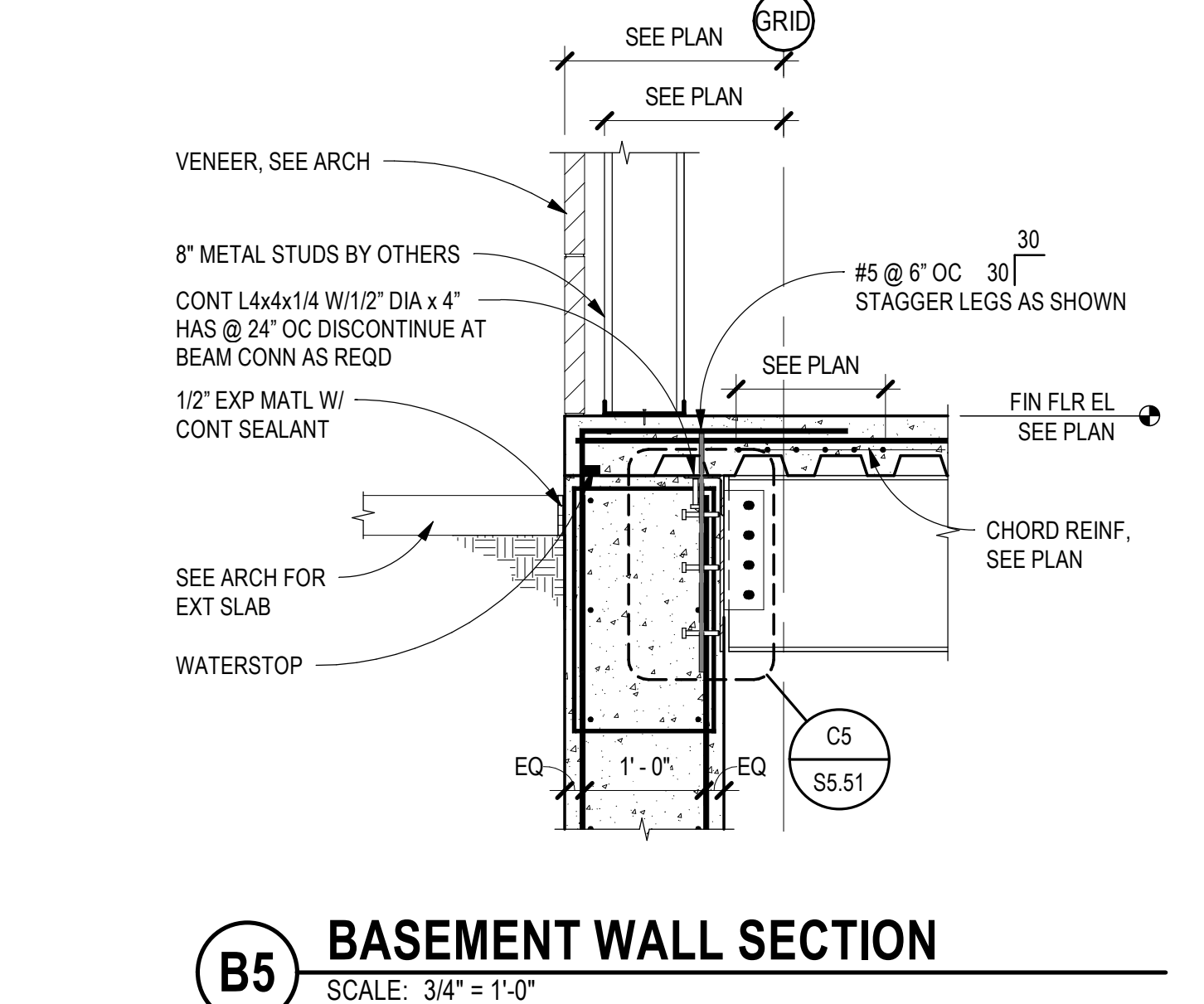
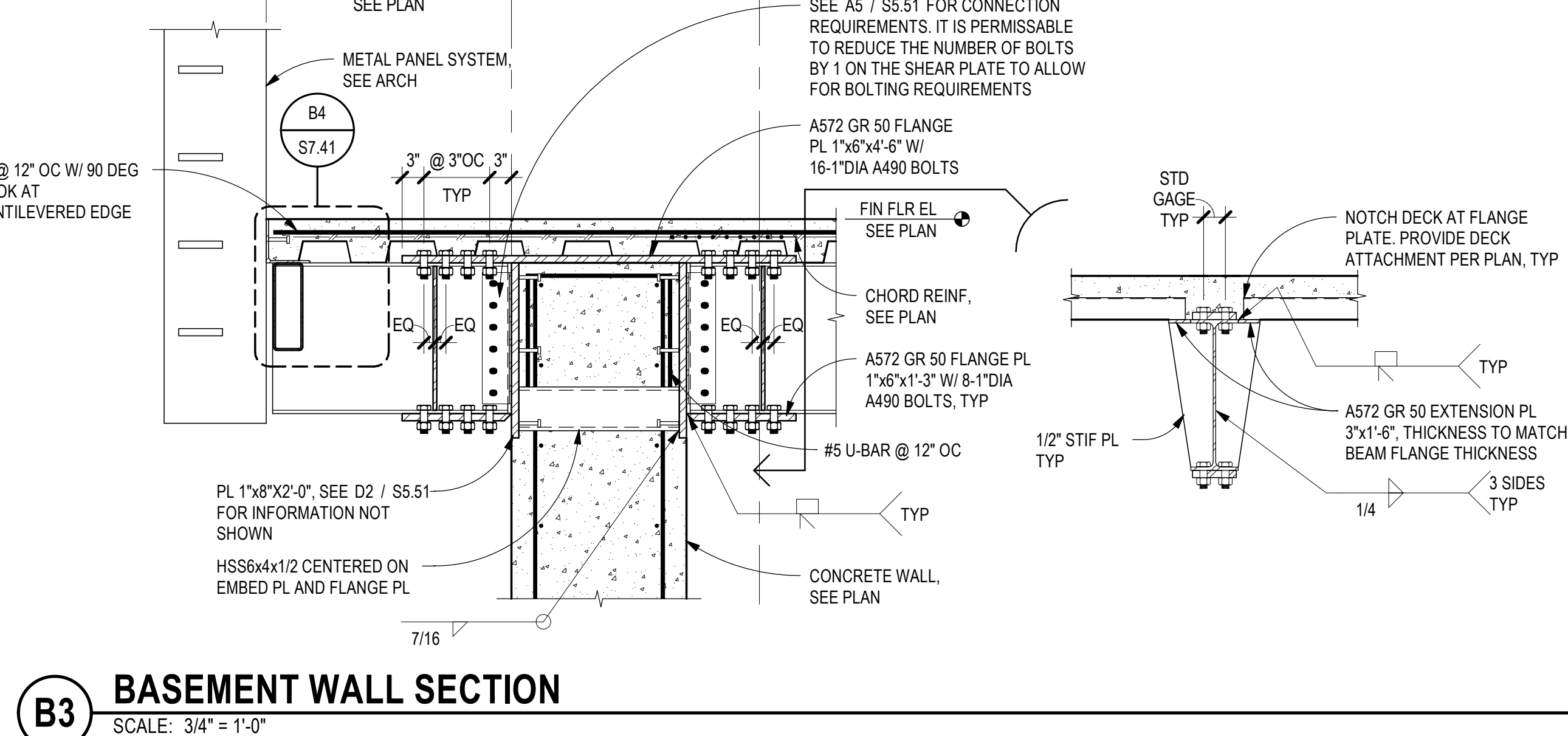
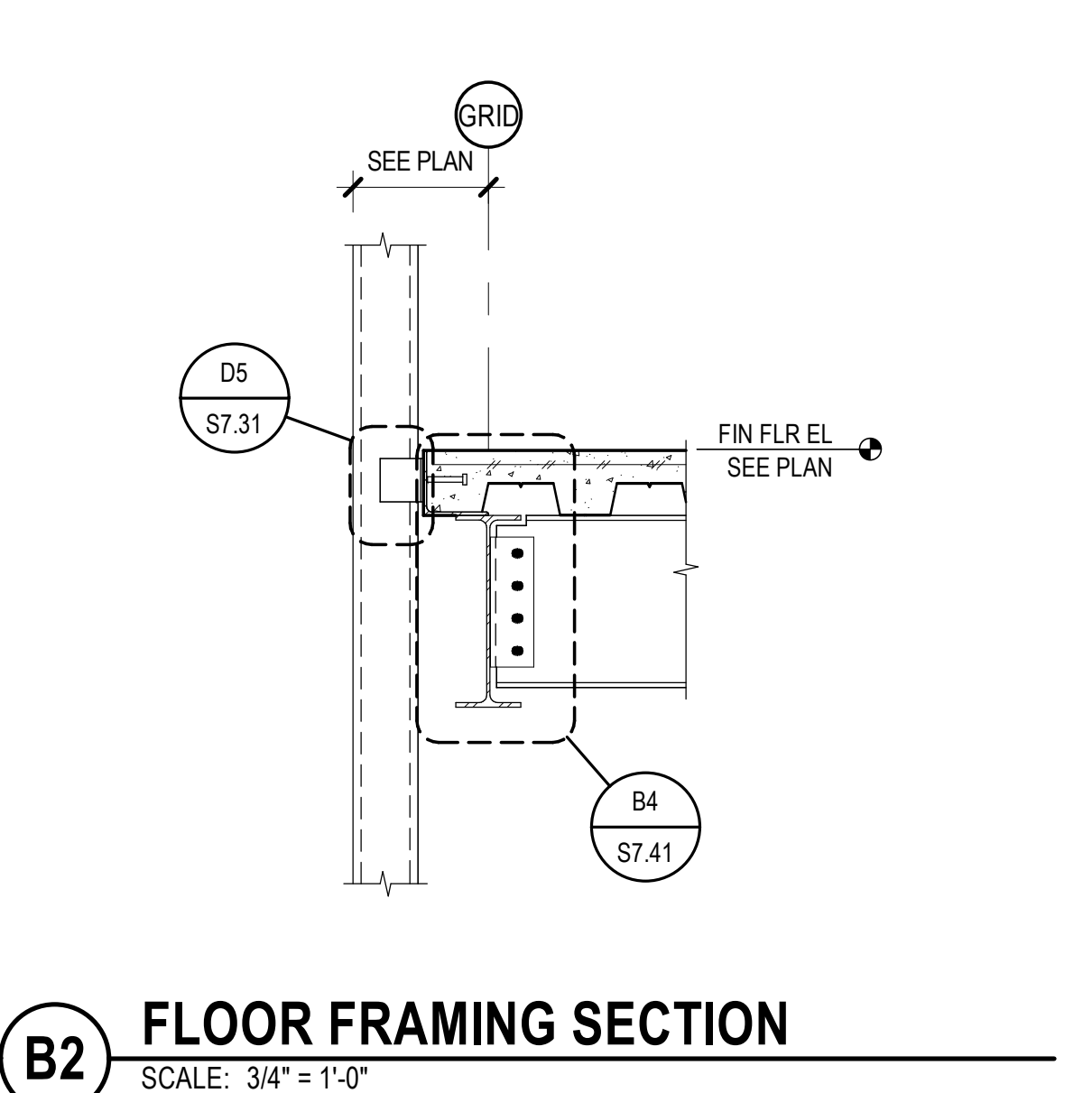
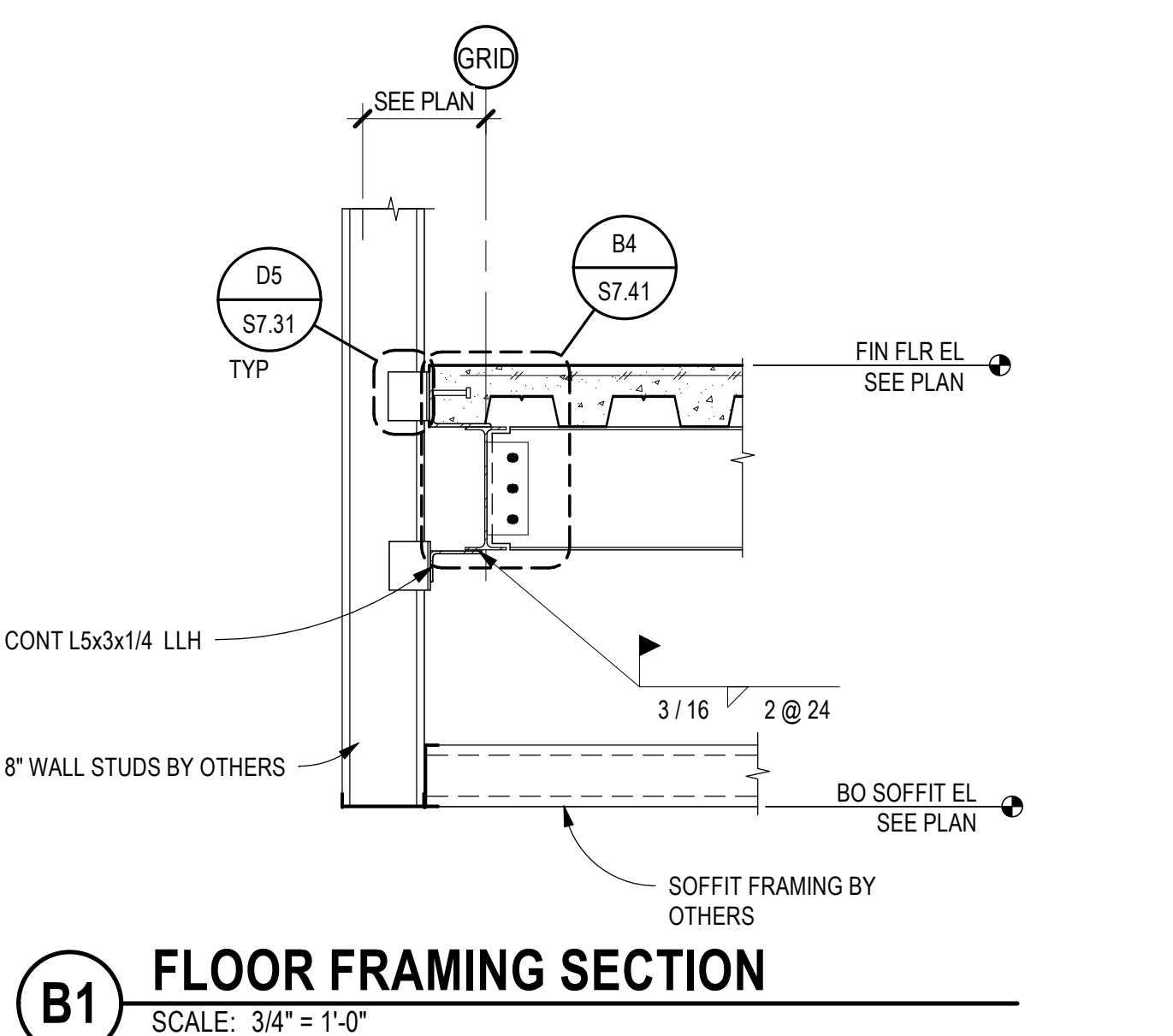
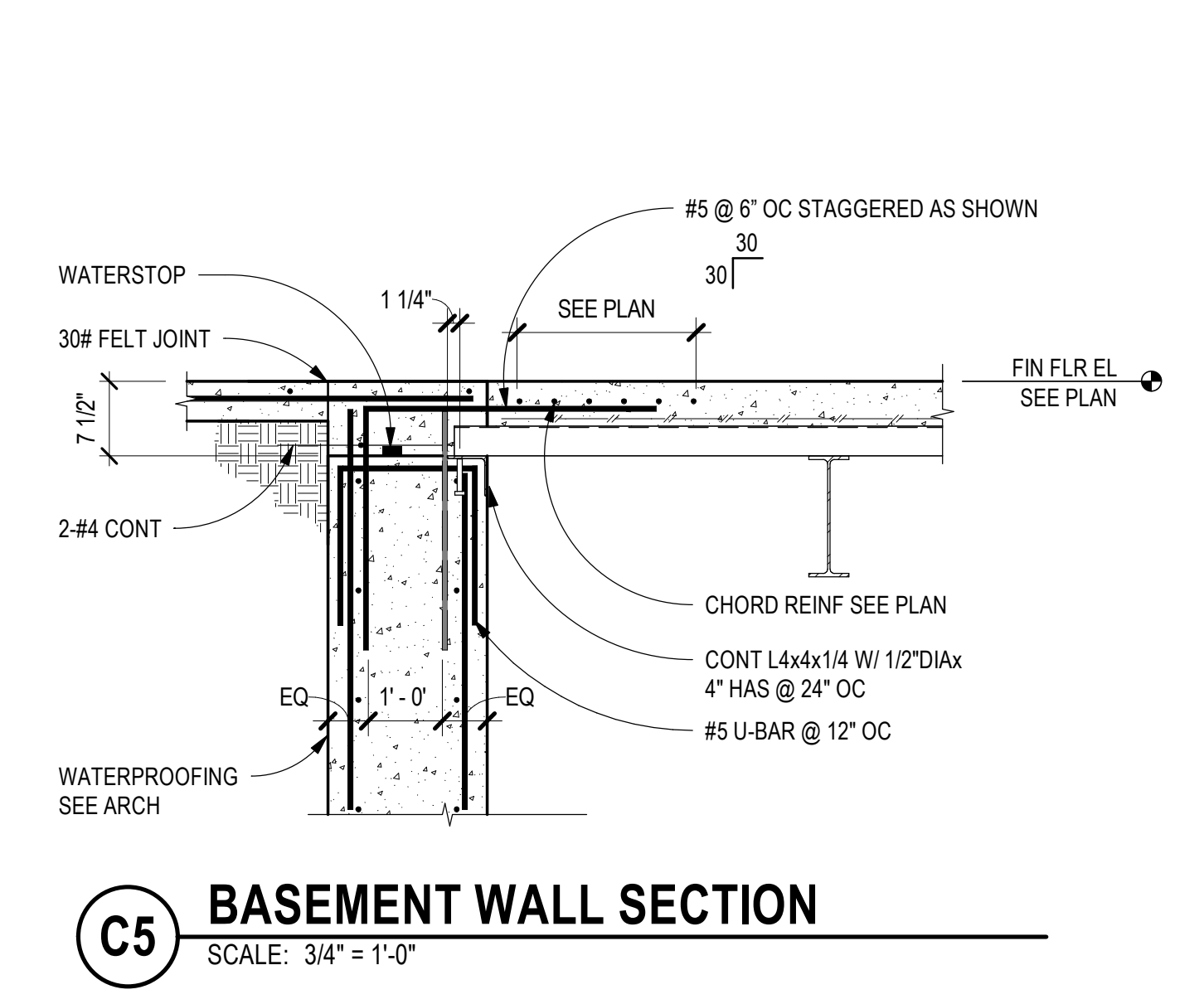
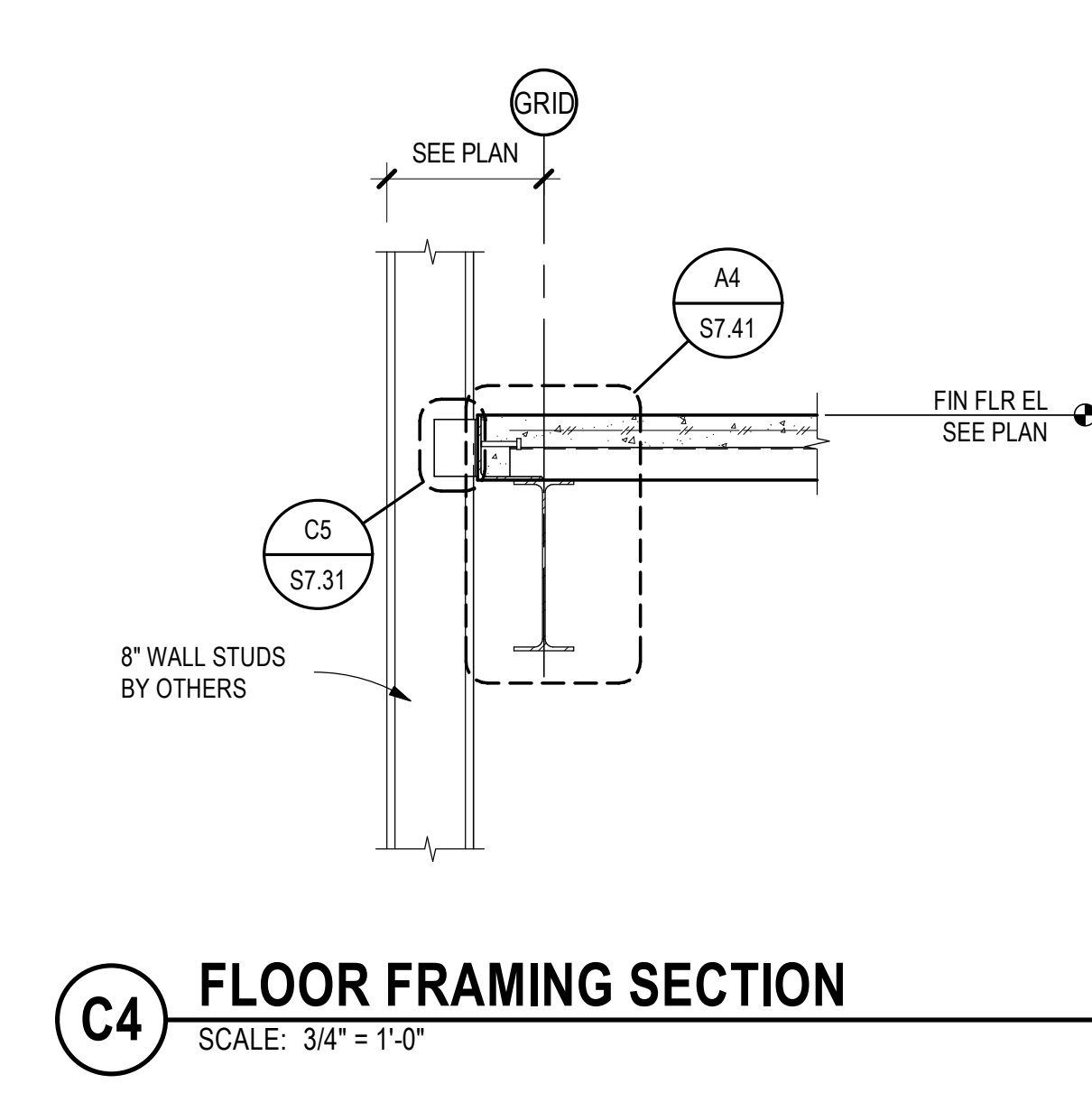
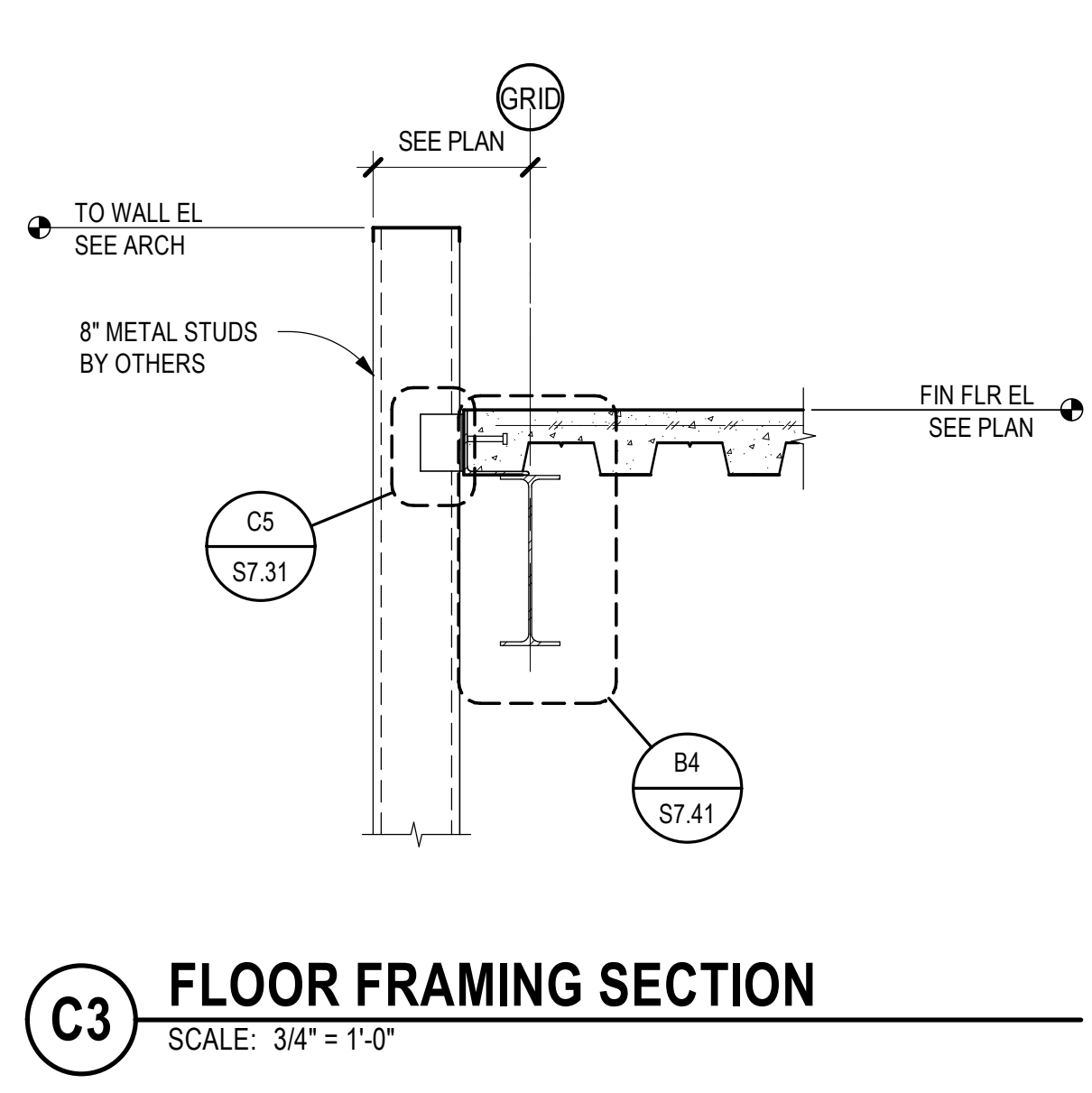
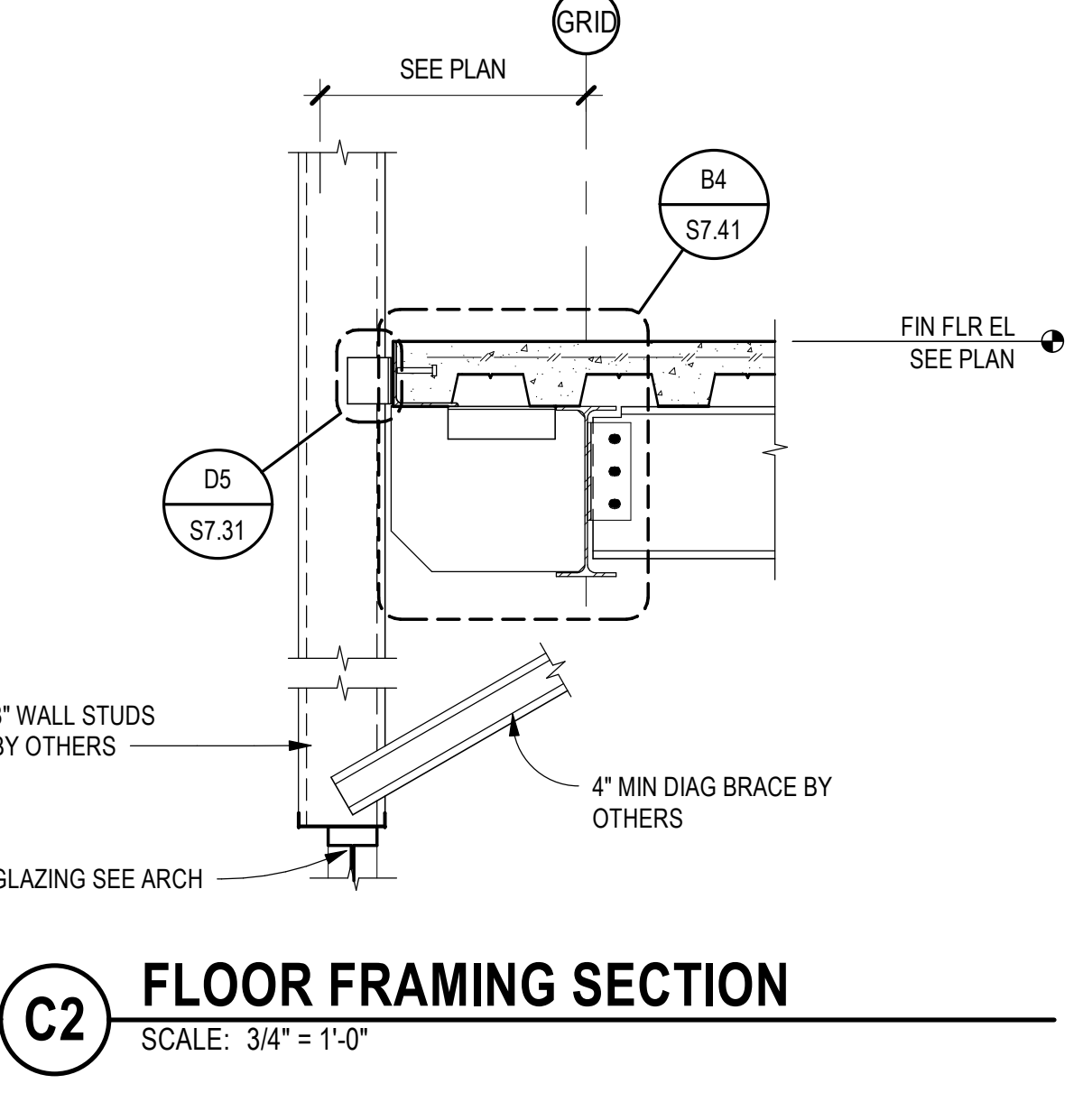
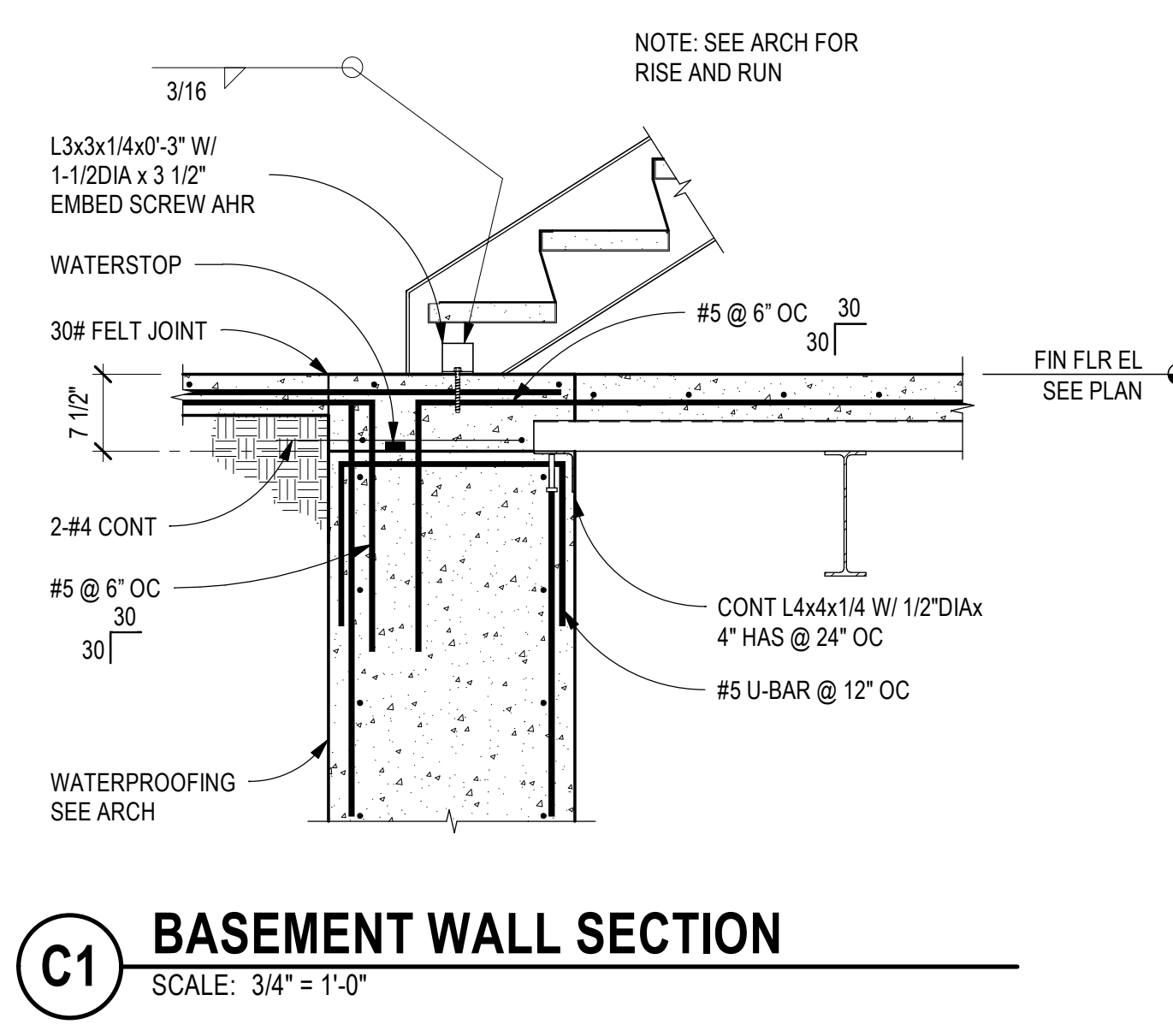
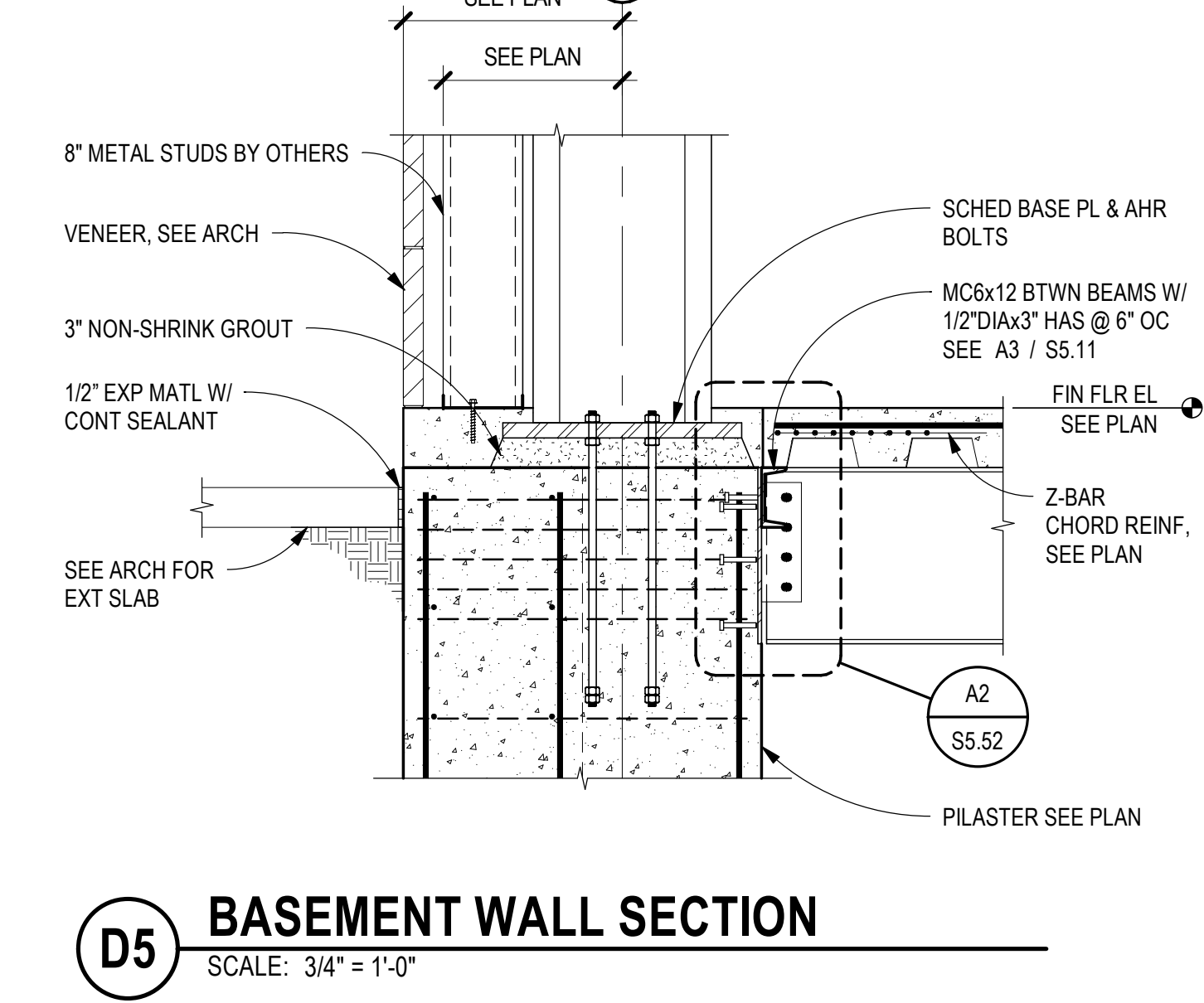
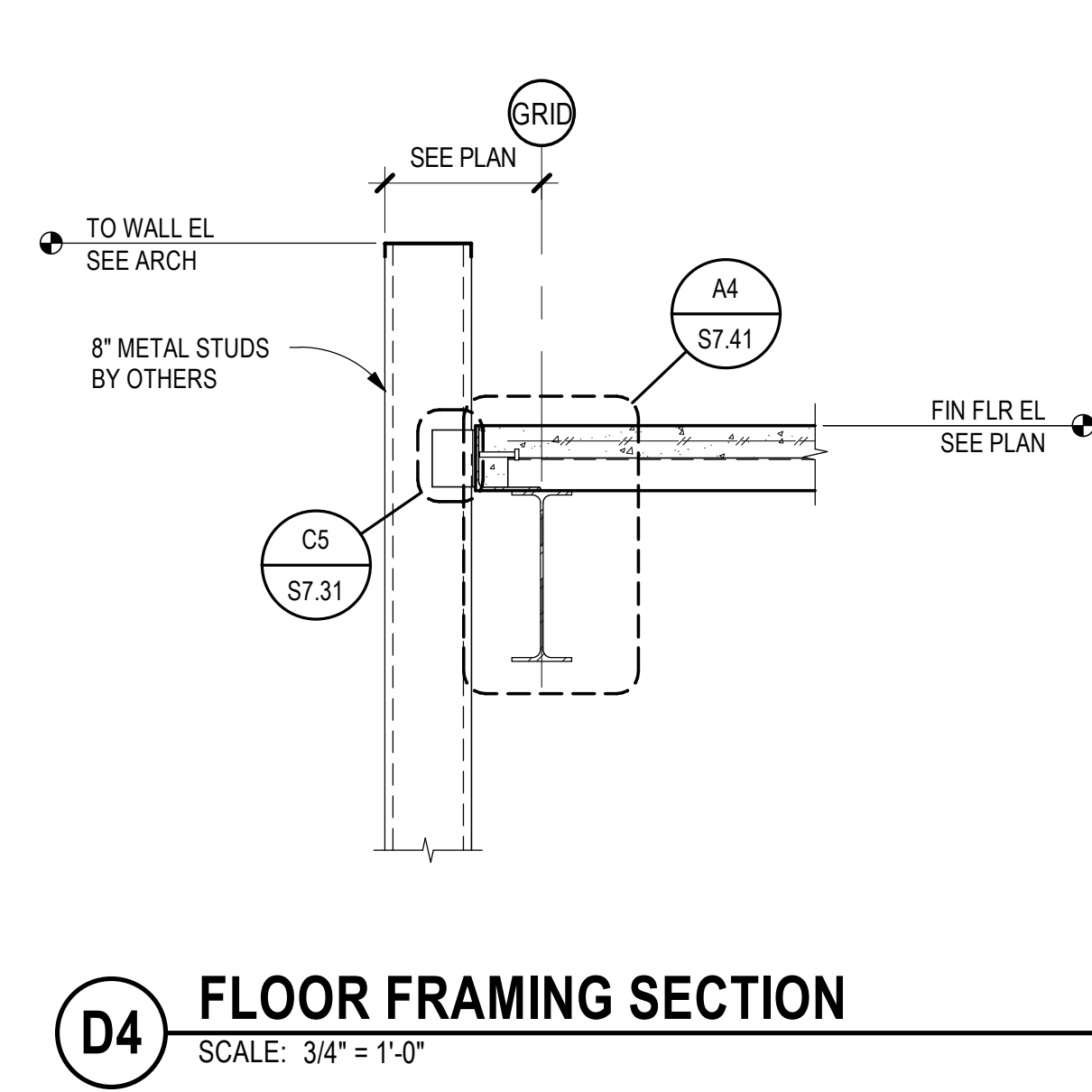
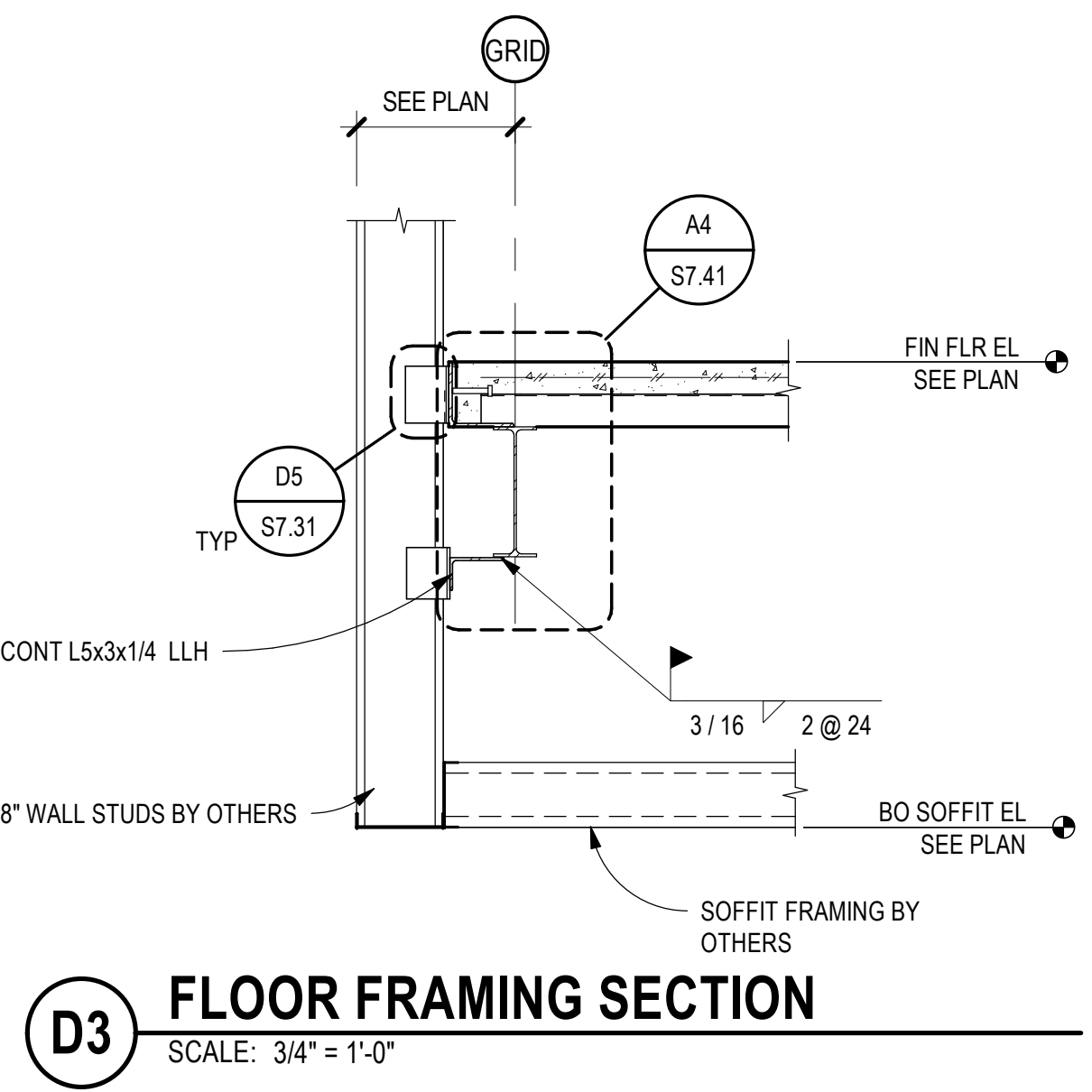
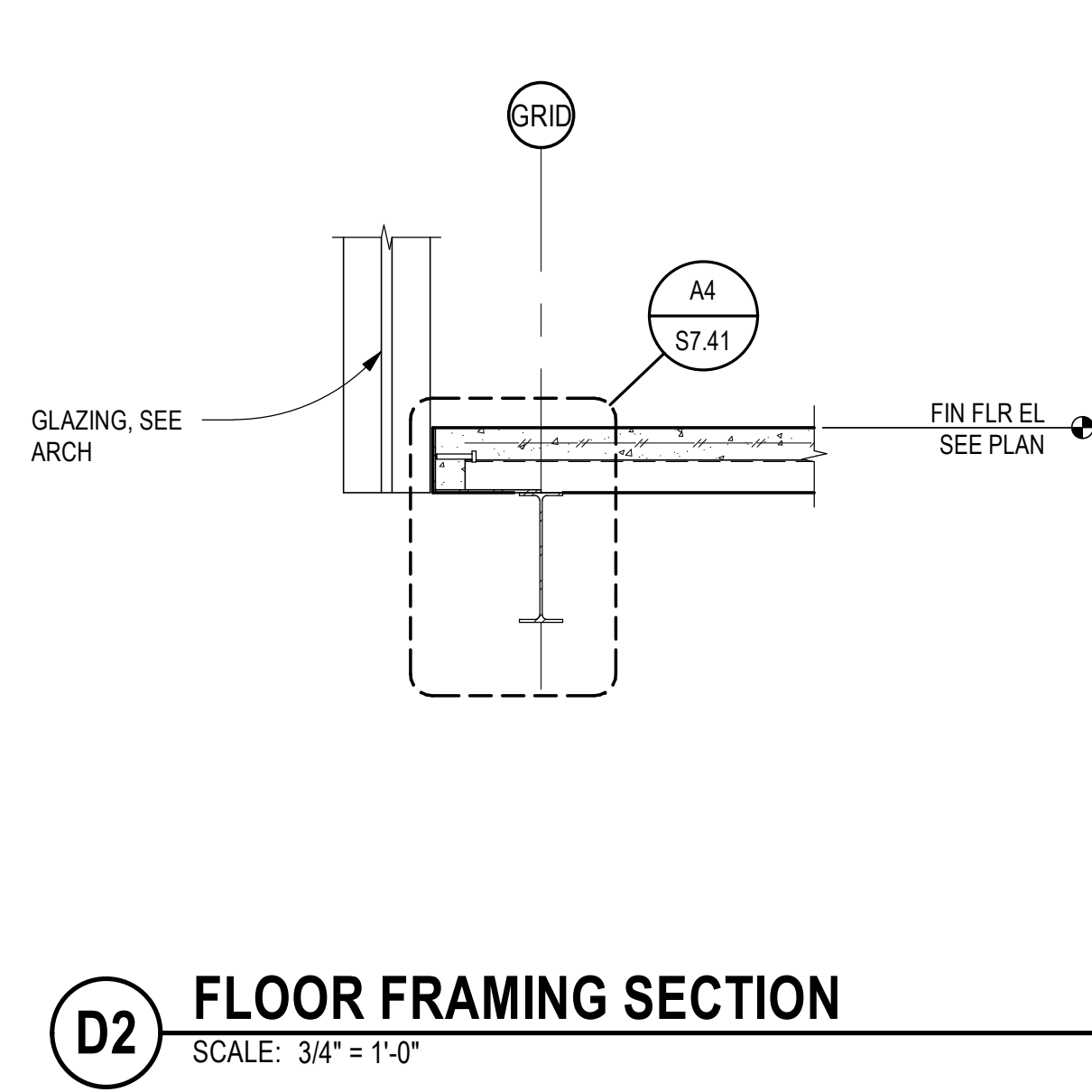
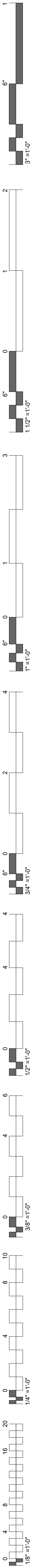
KEY PLAN:

PROJECT PHASE:
BULK STEEL PACKAGE
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#	DATE	REVISIONS	DESCRIPTION

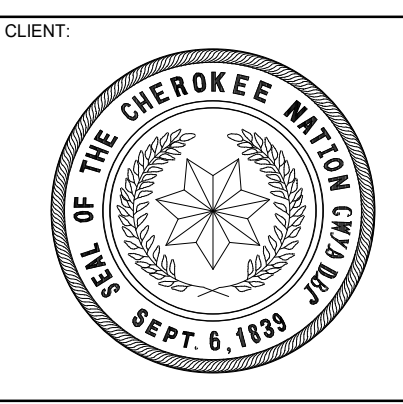
DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER: S3.11



NOTES:
1. CONTRACTOR TO COORDINATE LOCATION OF SLAB STEPS W/ ARCH
2. GUARD RAILS NOT SHOWN FOR CLARITY, SEE ARCH.

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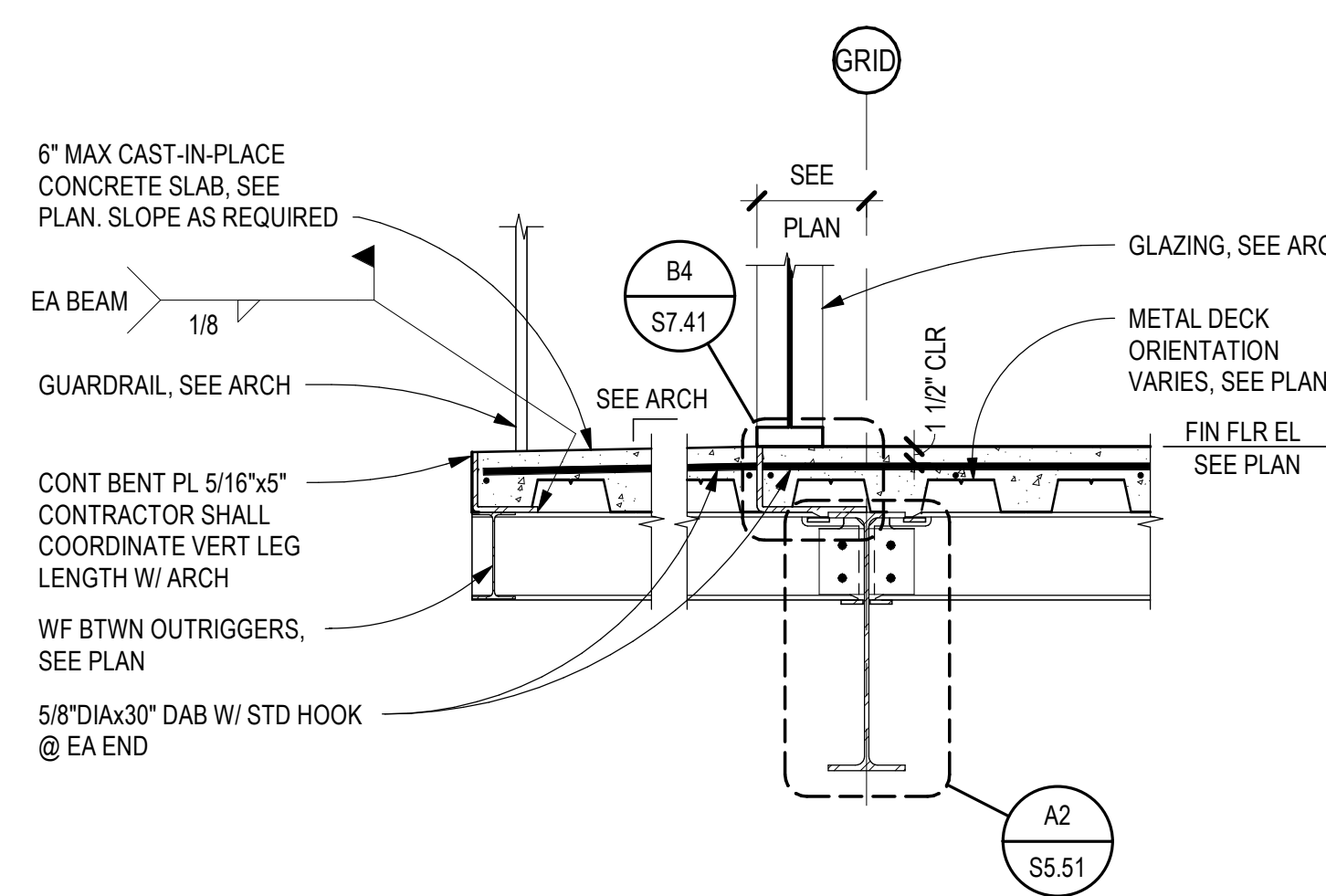


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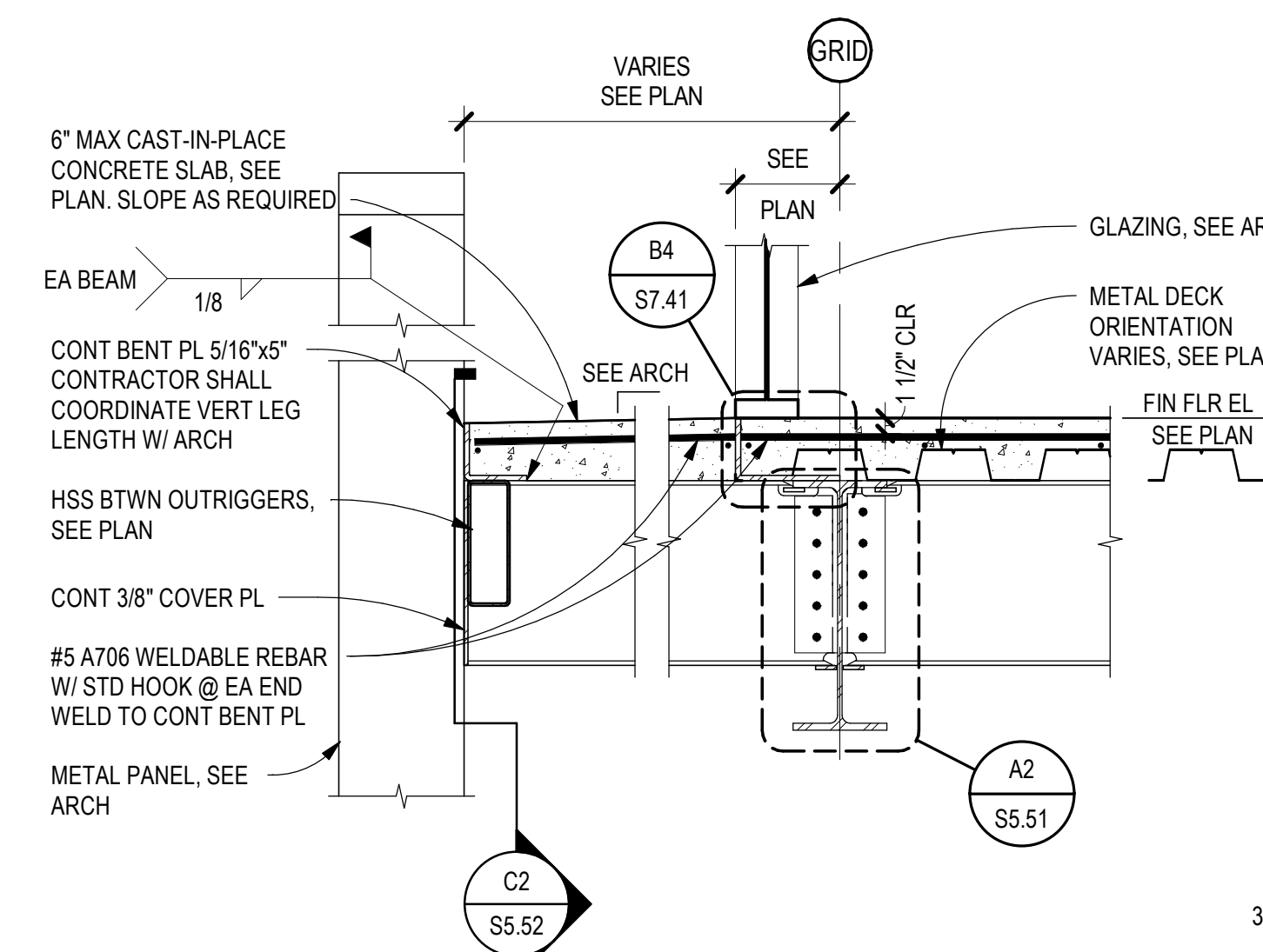
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PROJECT PHASE:
BULK STEEL PACKAGE NOT FOR CONSTRUCTION

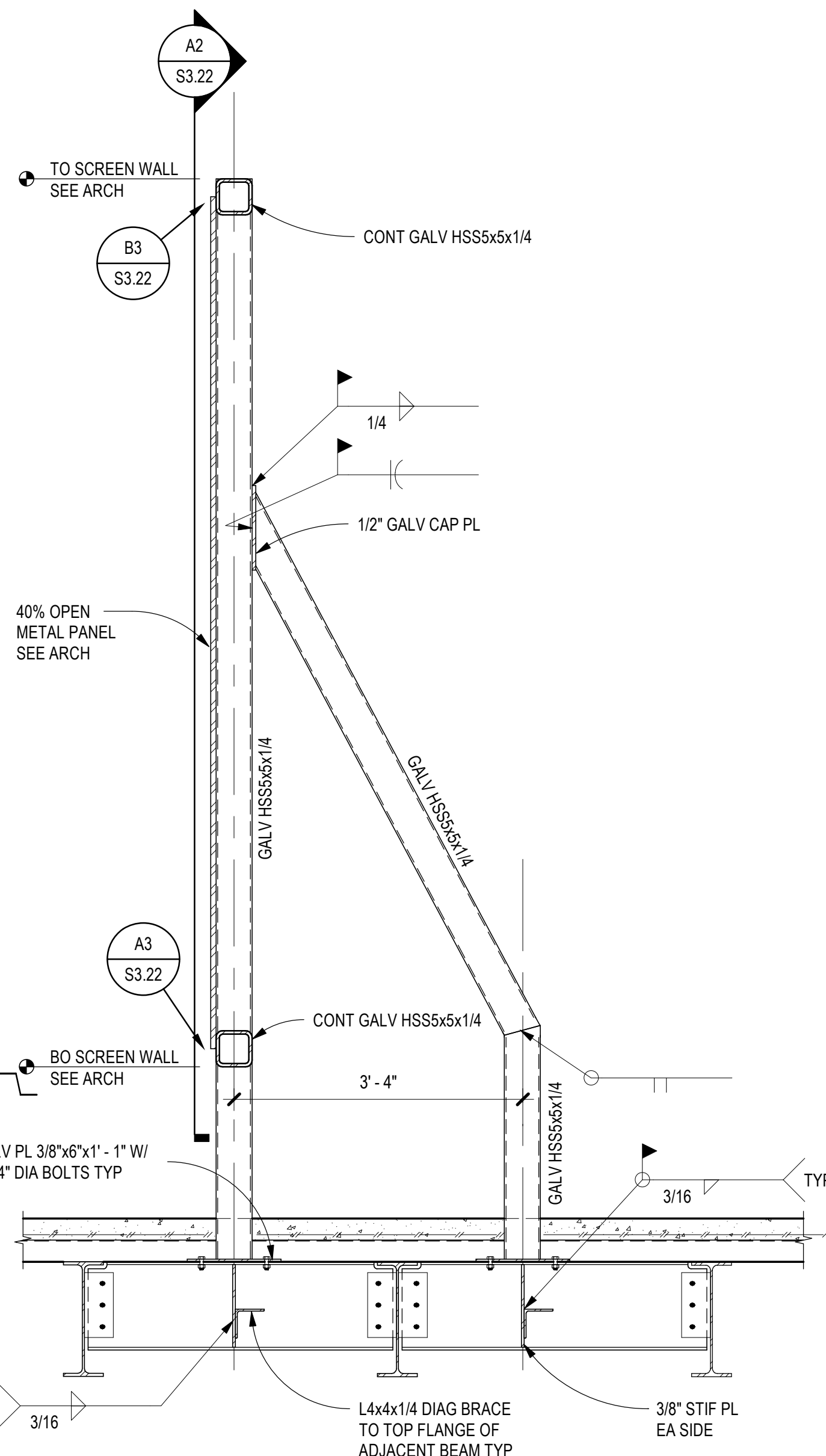
DATE: 03-15-19 JOB NUMBER: 17-13



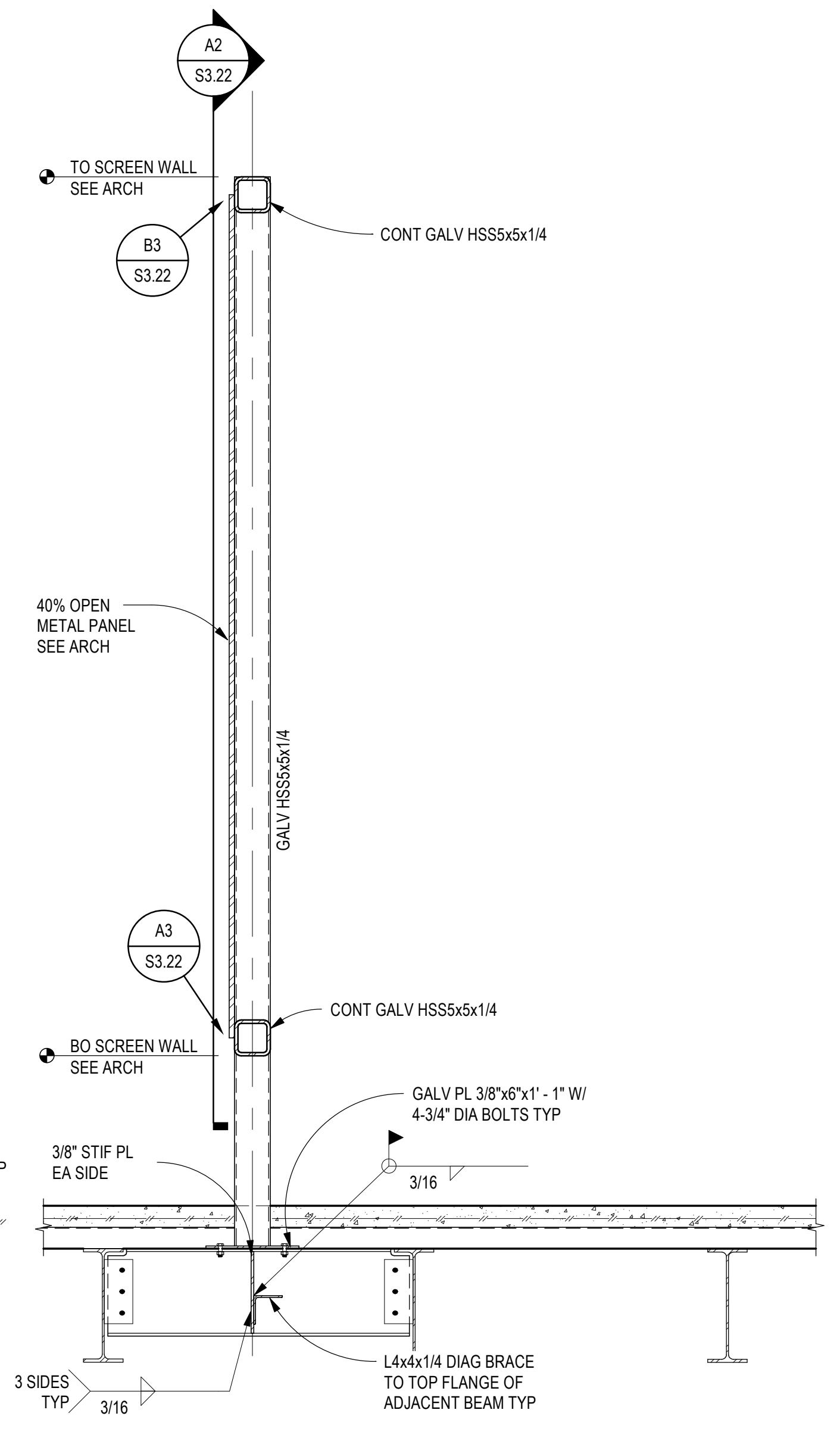
D3 BALCONY FRAMING SECTION
SCALE: 3/4" = 1'-0"



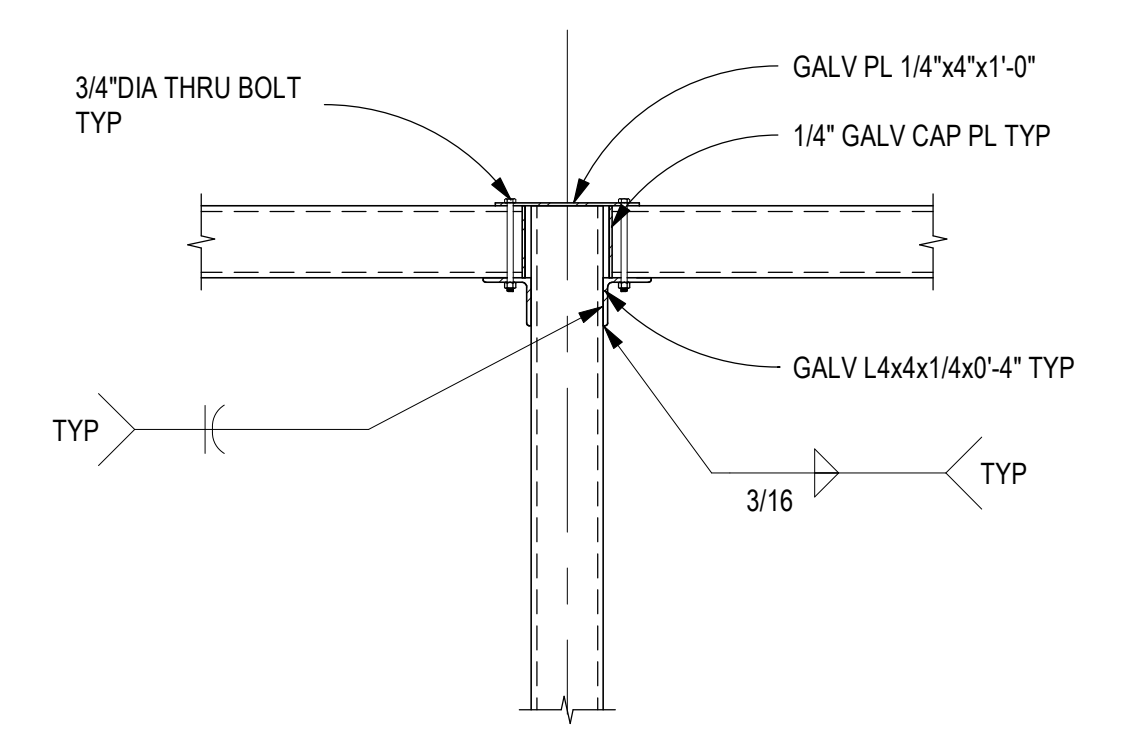
C3 BALCONY FRAMING SECTION
SCALE: 3/4" = 1'-0"



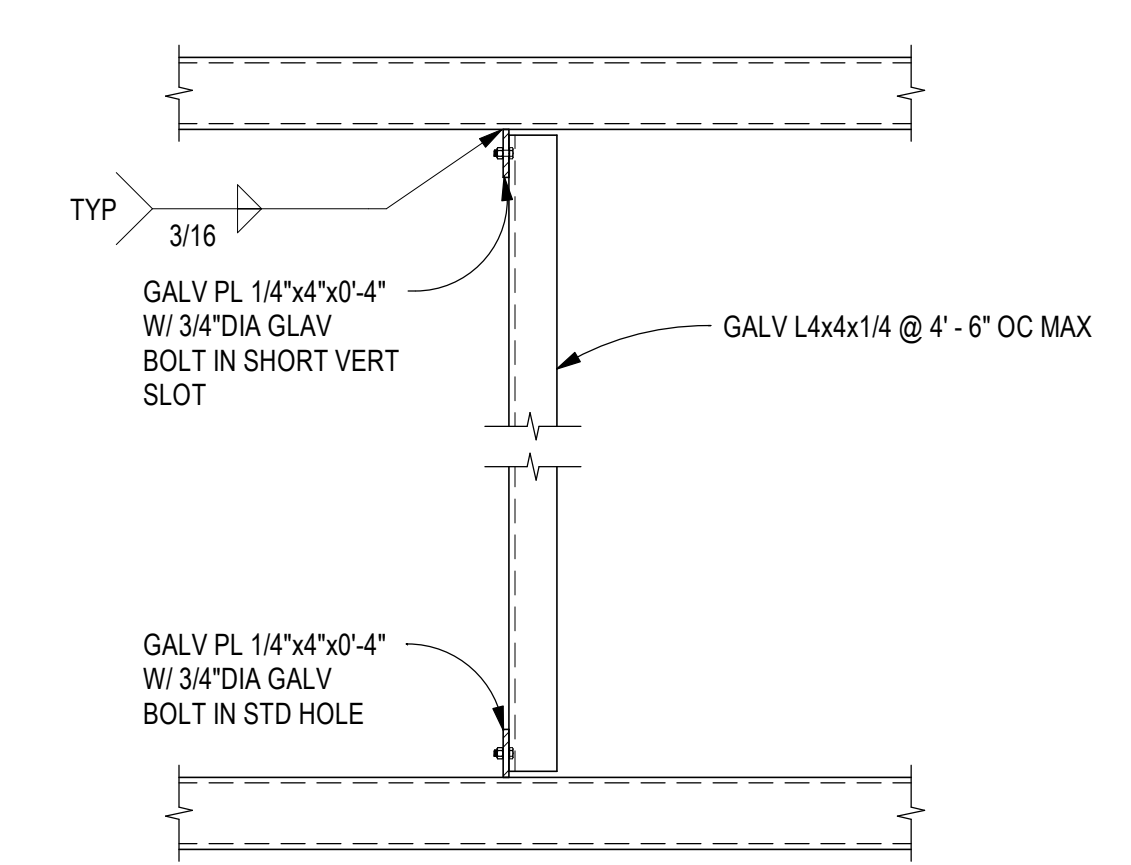
B4 SCREEN WALL BTWN ROOF BEAMS
SCALE: 3/4" = 1'-0"



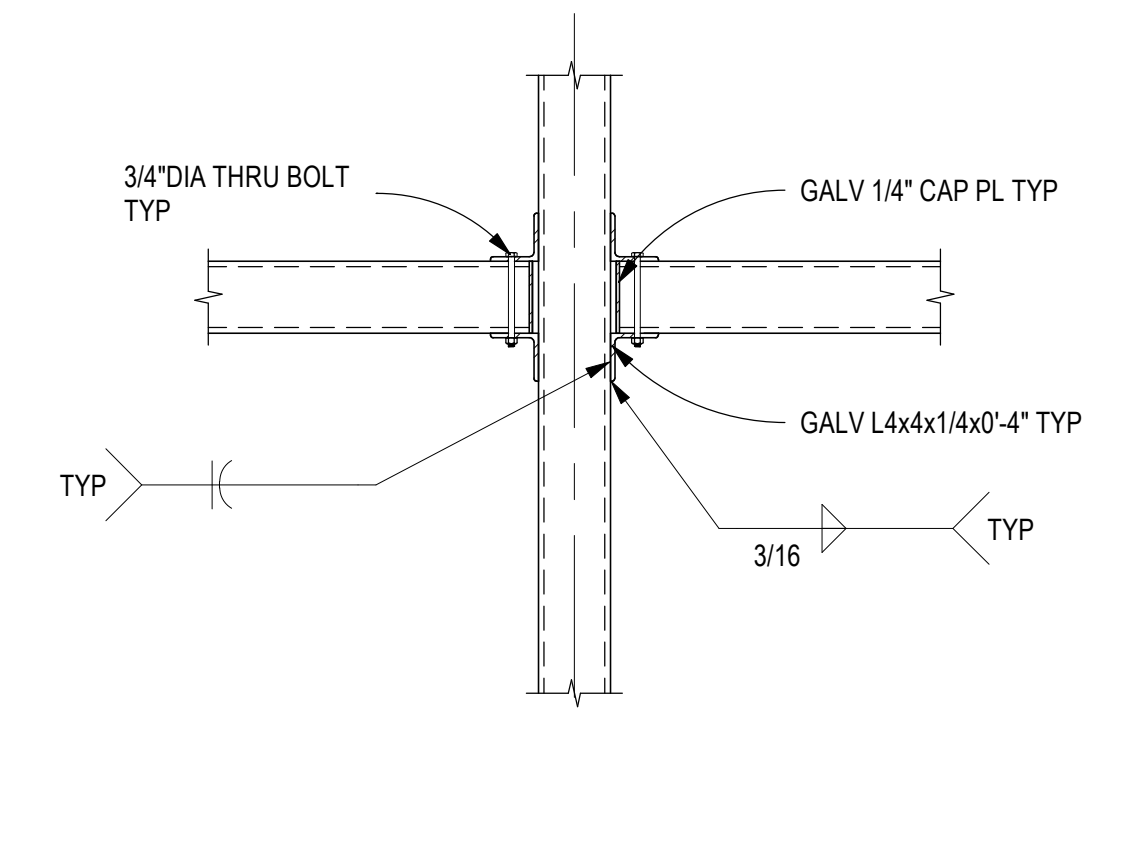
B5 SCREEN WALL BTWN ROOF BEAMS
SCALE: 3/4" = 1'-0"



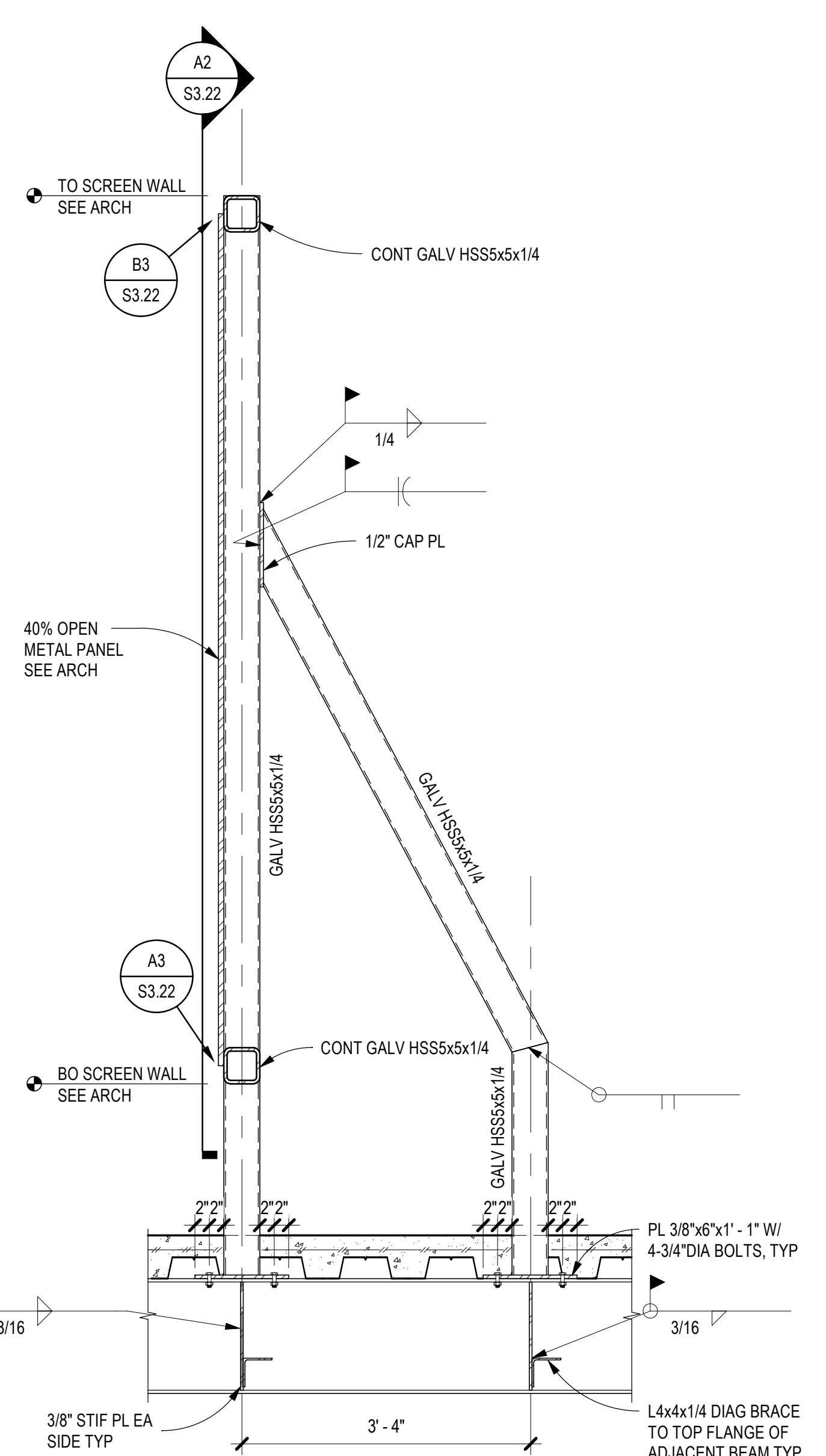
B3 SCREEN WALL HSS CONNECTION
SCALE: 3/4" = 1'-0"



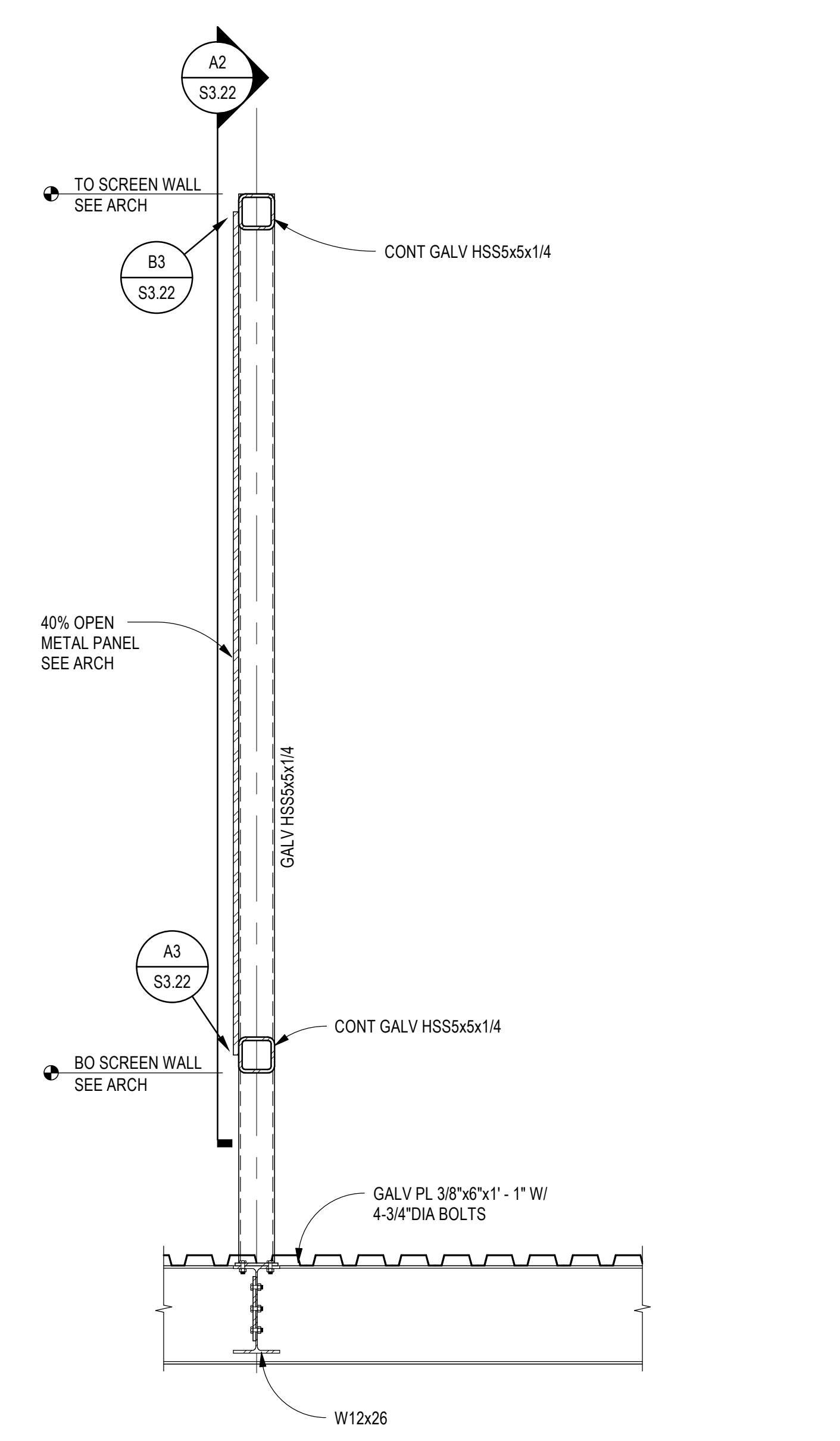
A2 INTERMEDIATE SCREEN WALL SUPPORT
SCALE: 3/4" = 1'-0"



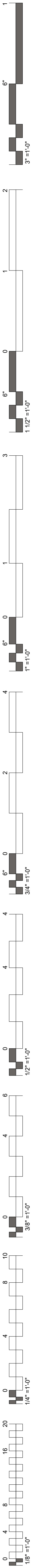
A3 SCREEN WALL HSS CONNECTION
SCALE: 3/4" = 1'-0"



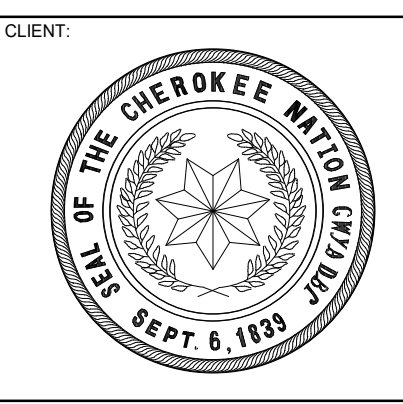
A4 SCREEN WALL AT ROOF BEAMS
SCALE: 3/4" = 1'-0"



A5 SCREEN WALL BTWN ROOF BEAMS
SCALE: 3/4" = 1'-0"



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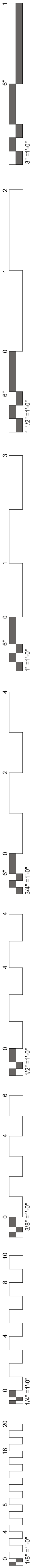
COLLEGE OF **Osteopathic Medicine**
AT THE CHEROKEE NATION
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DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:
S3.22
FRAMING SECTIONS



GENERAL SHEET NOTES

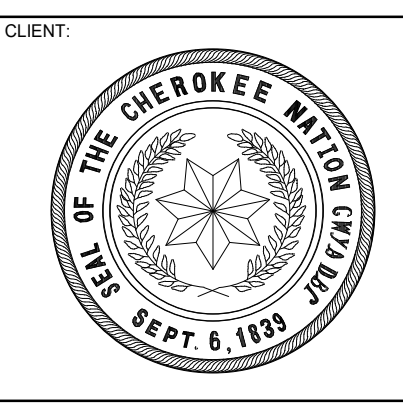
- SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET.
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- SEE ARCHITECTURAL DRAWINGS FOR INTERMEDIATE LANDING ELEVATIONS.
- SEE ARCHITECTURAL DRAWINGS FOR STAIR RISE AND RUN.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 60S162-43 AT 16" ON CENTER UNLESS NOTED OTHERWISE.

**James R. Childers
Architect, Inc.**
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com

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CONSULTANT LOGO

CG
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consulting engineers, inc.
4200 Lincoln Road, Suite 102, Abbeville, LA 70511
504-344-0500 504-343-8759 (fax)



COLLEGE OF
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SHEET KEYNOTE

- 4" NORMAL WEIGHT CONCRETE LANDING SLAB REINFORCED WITH 6x6-W2 1xW2.1 WELDED WIRE FABRIC IN FLAT SHEETS ONLY OVER METAL PAN. SEE ARCHITECTURAL DRAWINGS FOR LANDING ELEVATIONS.
- 2" CONCRETE FILLED METAL PANS, REINFORCED WITH 6x6-W2 1xW2.1 WELDED WIRE FABRIC.

KEY PLAN:

PROJECT PHASE:

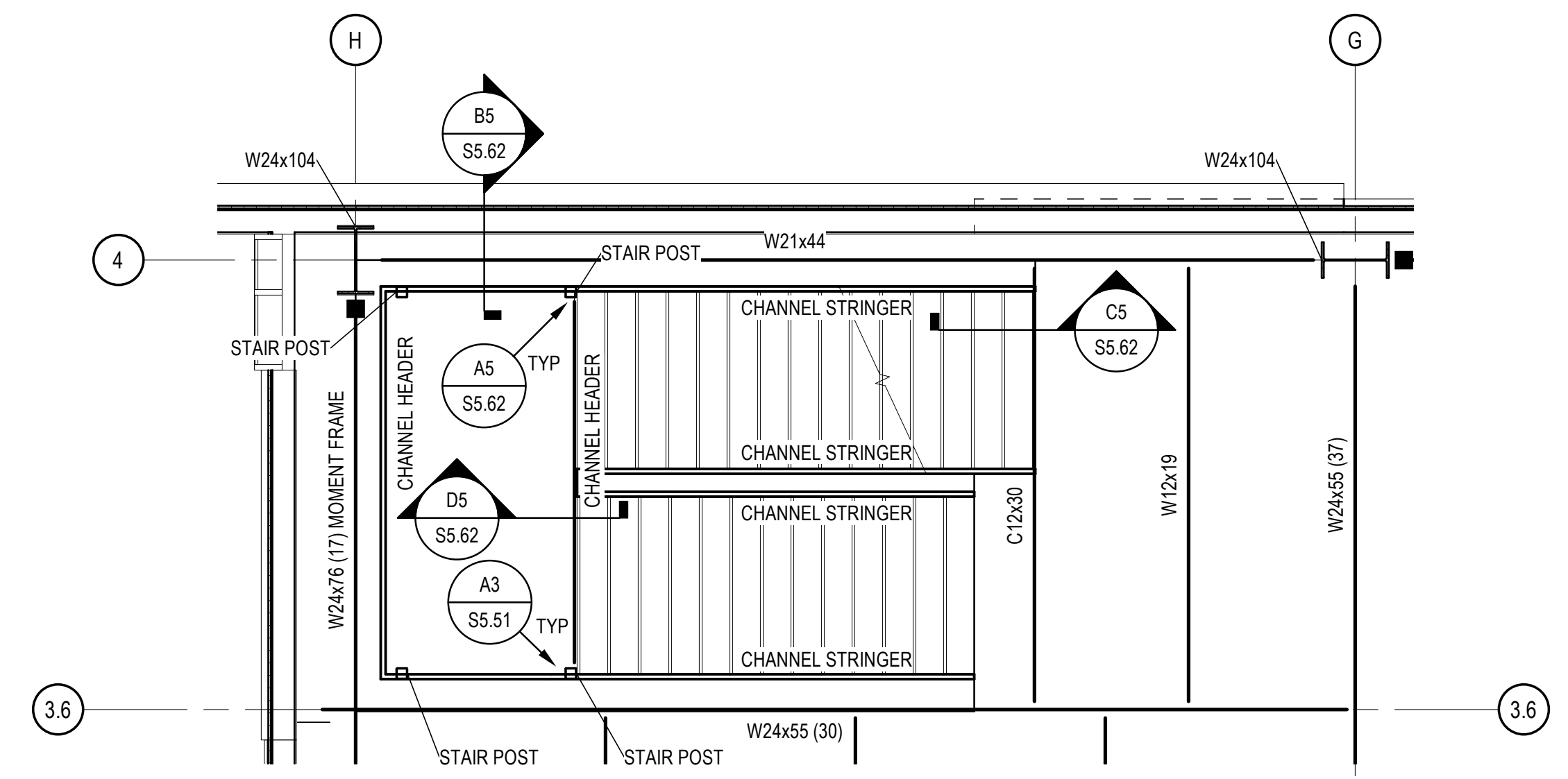
BULK STEEL PACKAGE
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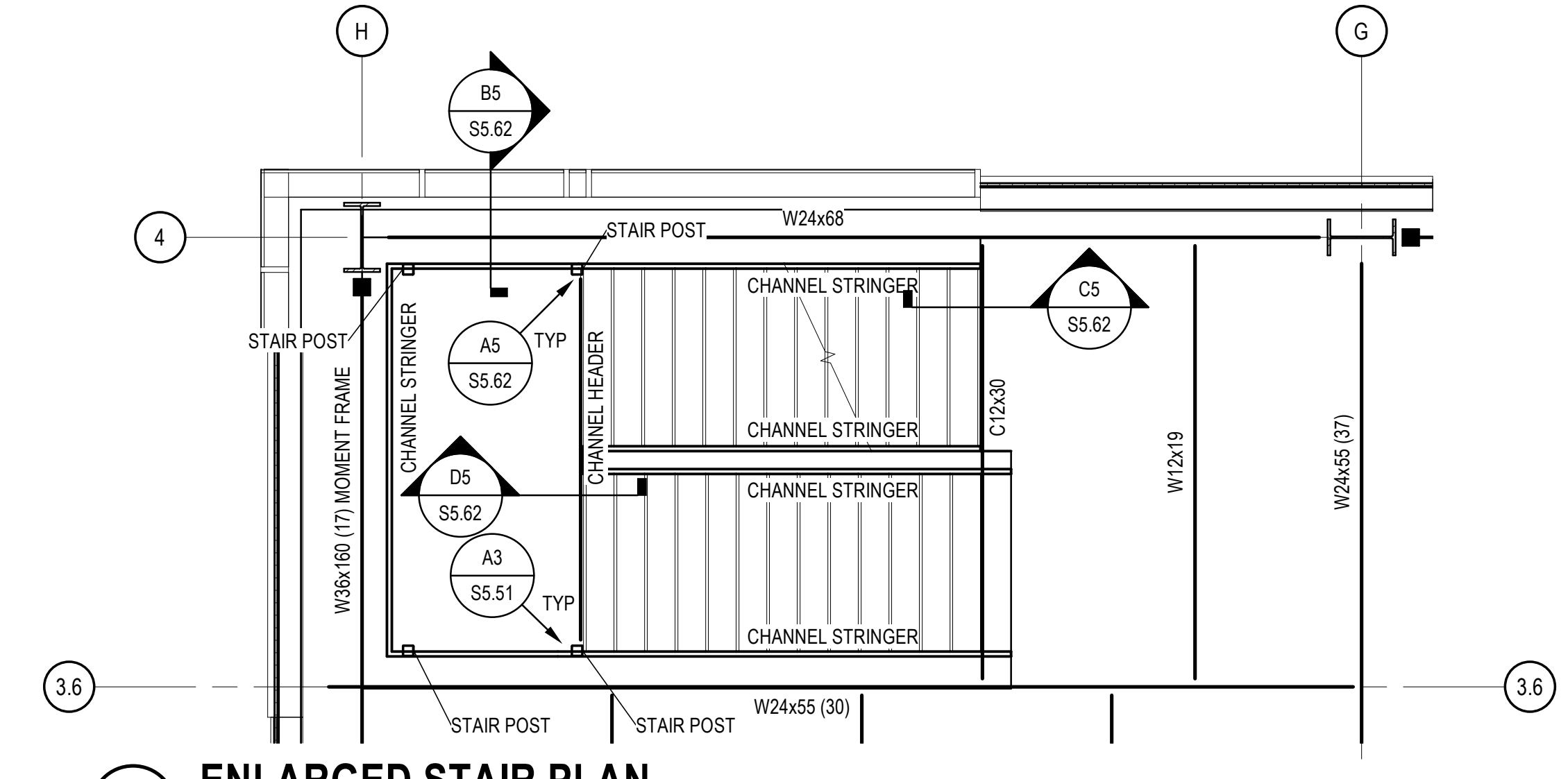
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SHEET NUMBER: S4.01

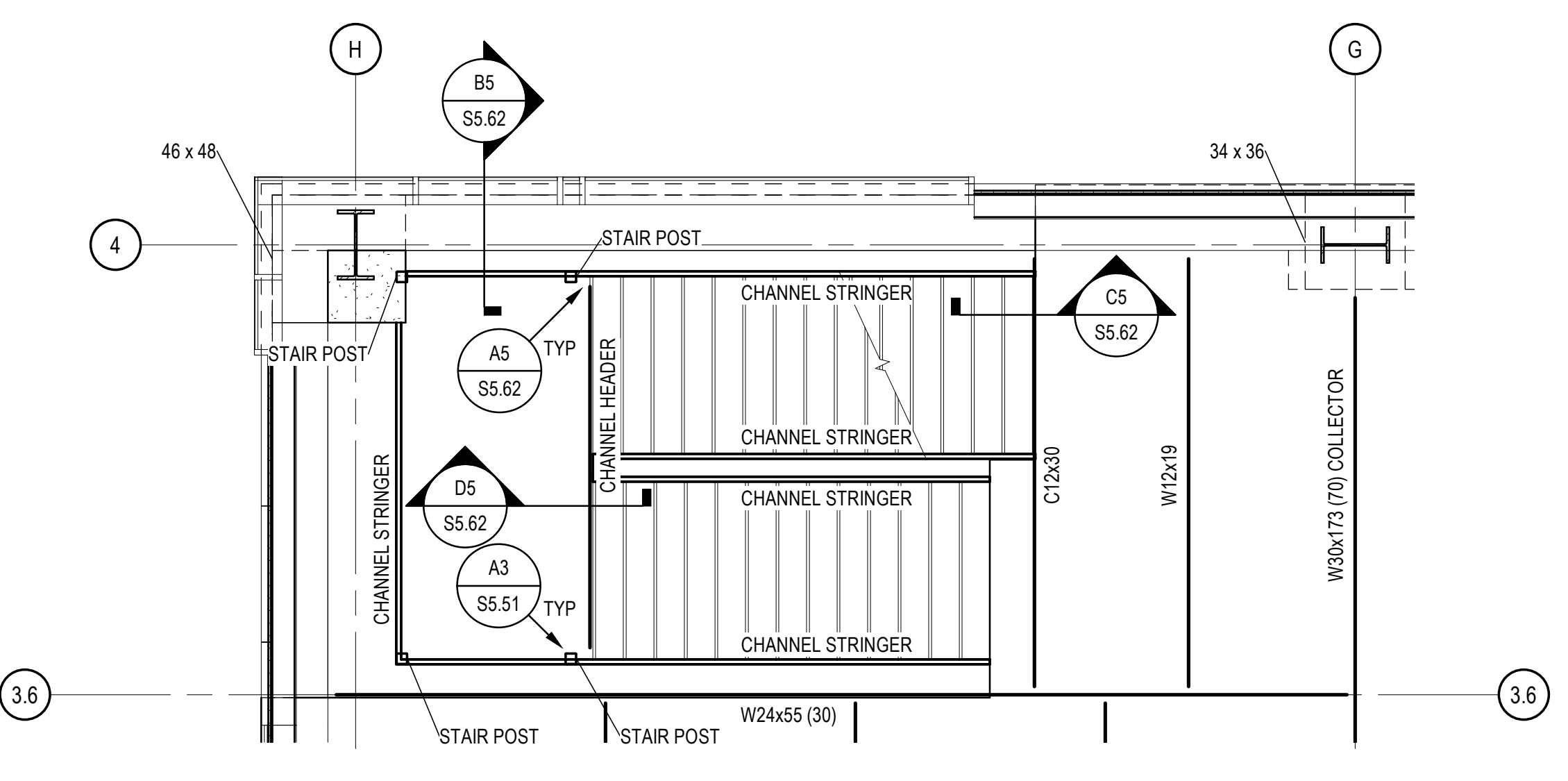
ENLARGED STAIR PLANS



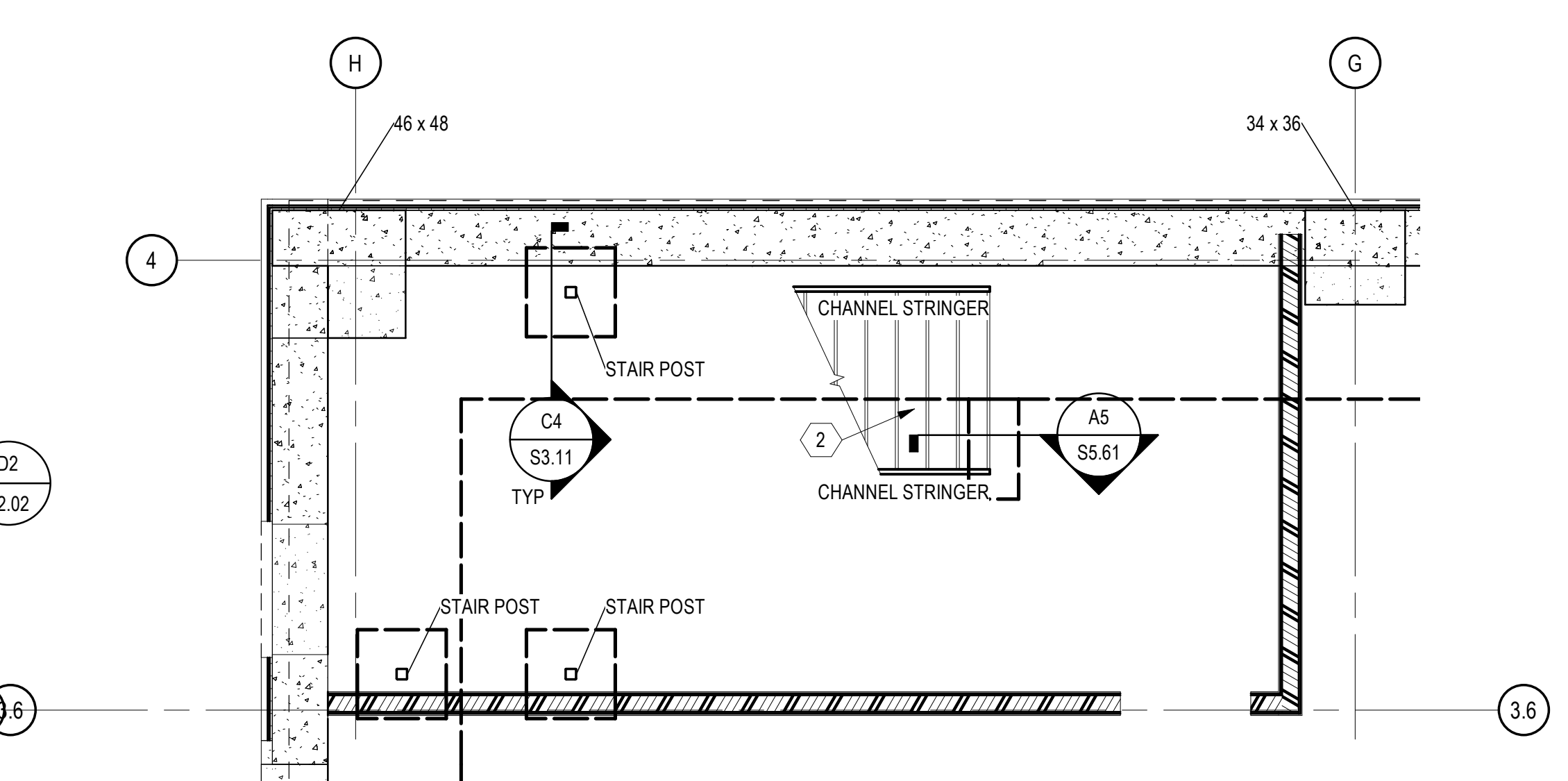
D3 ENLARGED STAIR PLAN
SCALE: 1/4" = 1'-0"



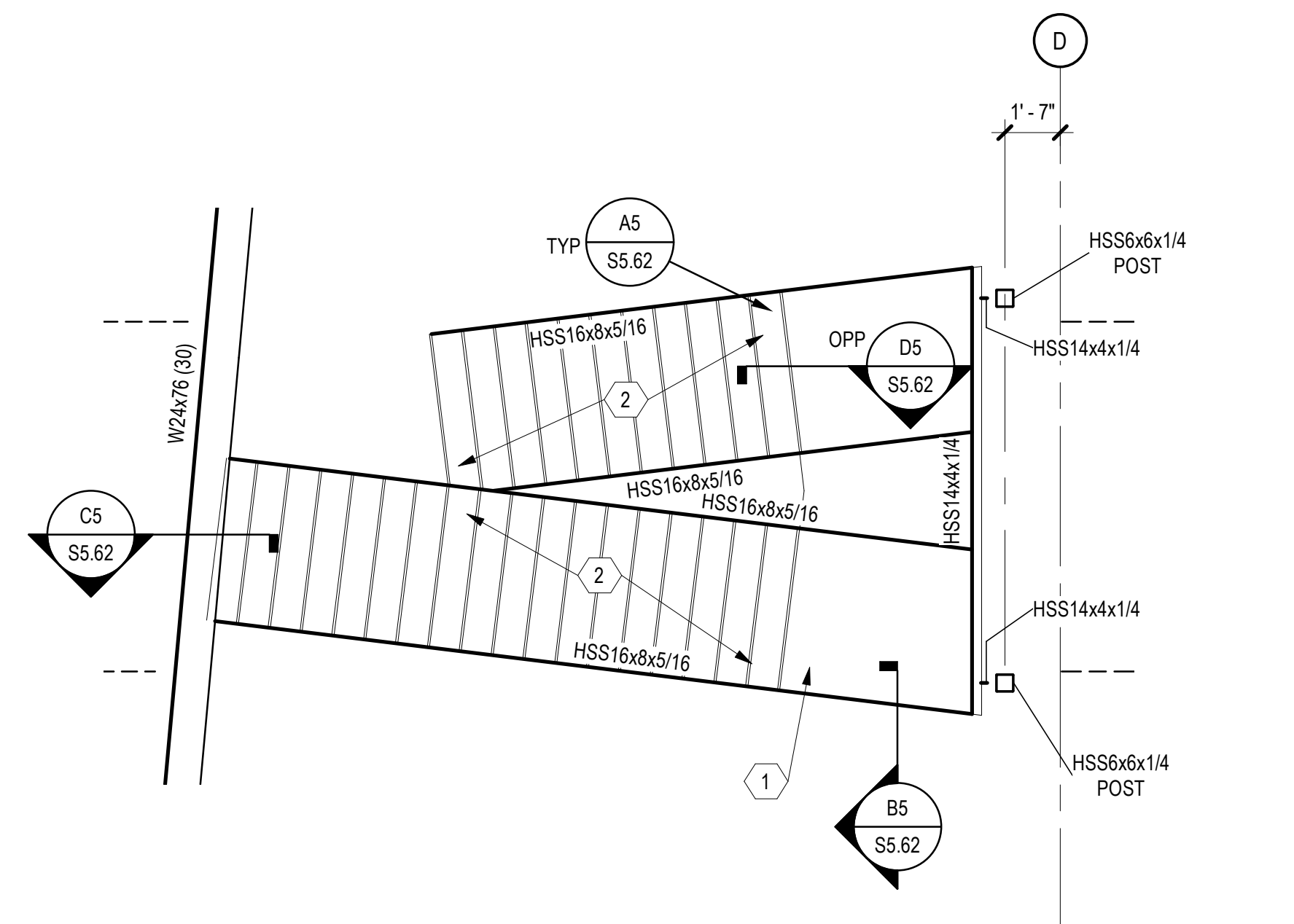
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SCALE: 1/4" = 1'-0"



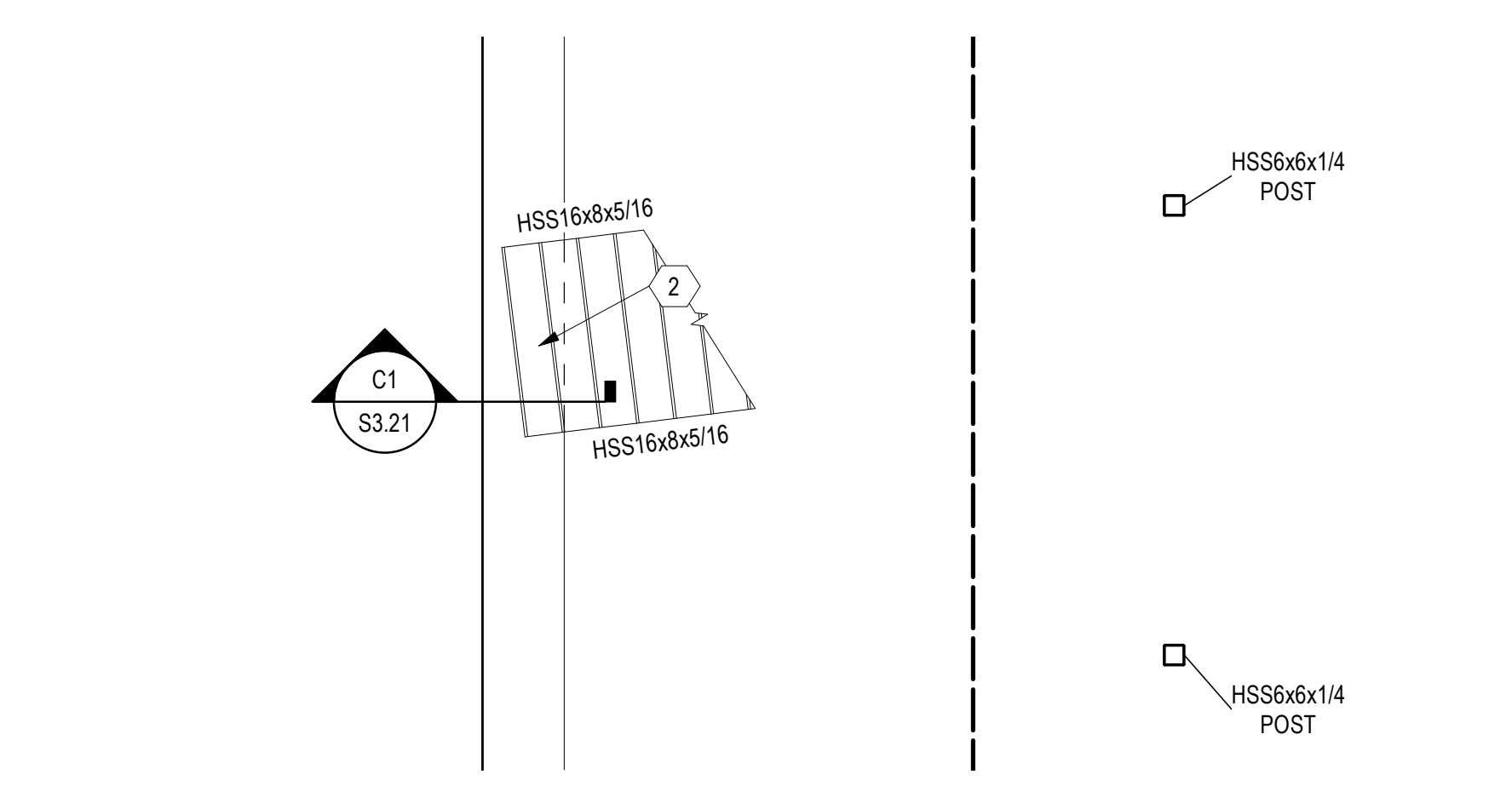
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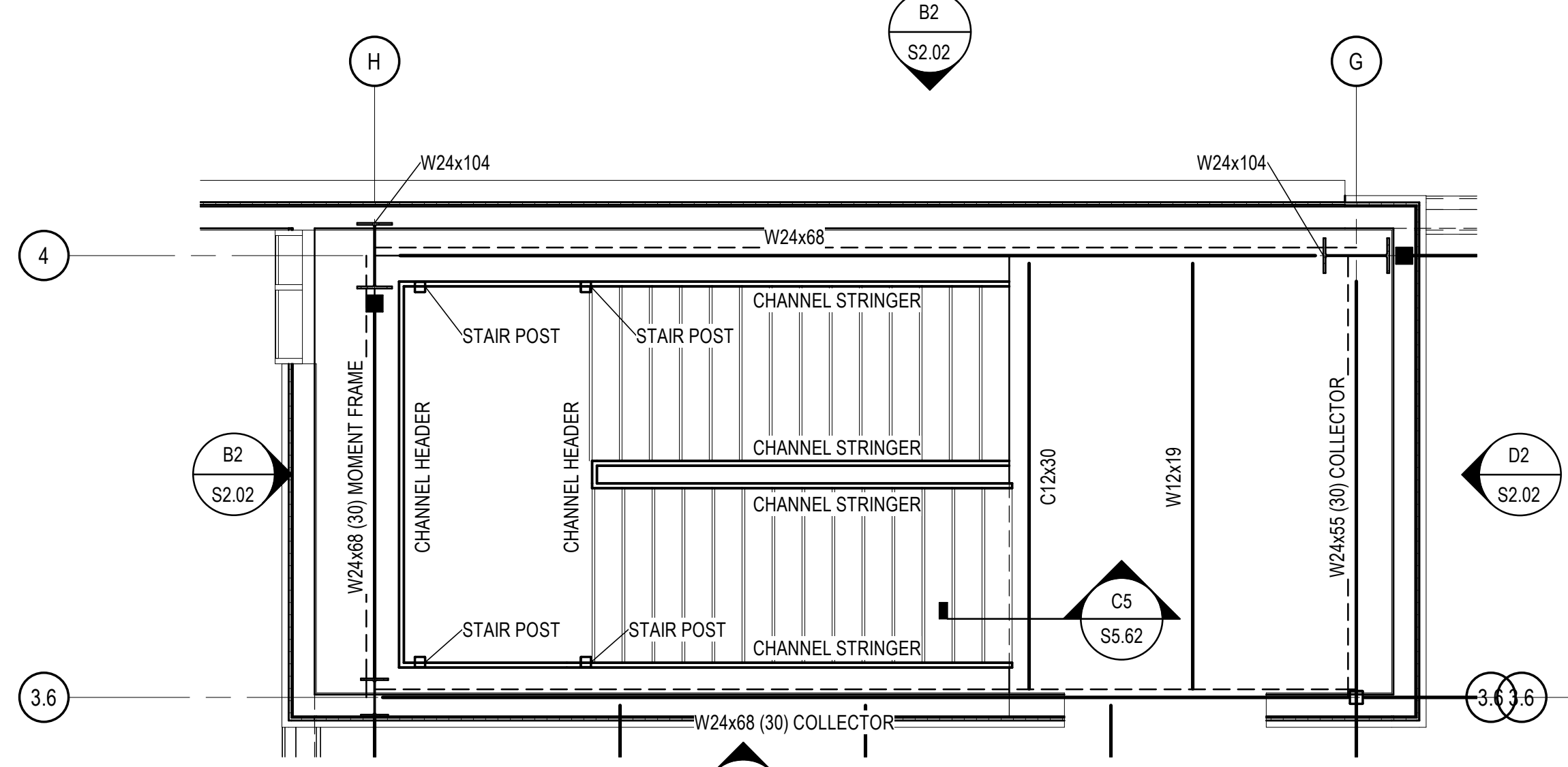
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SCALE: 1/4" = 1'-0"



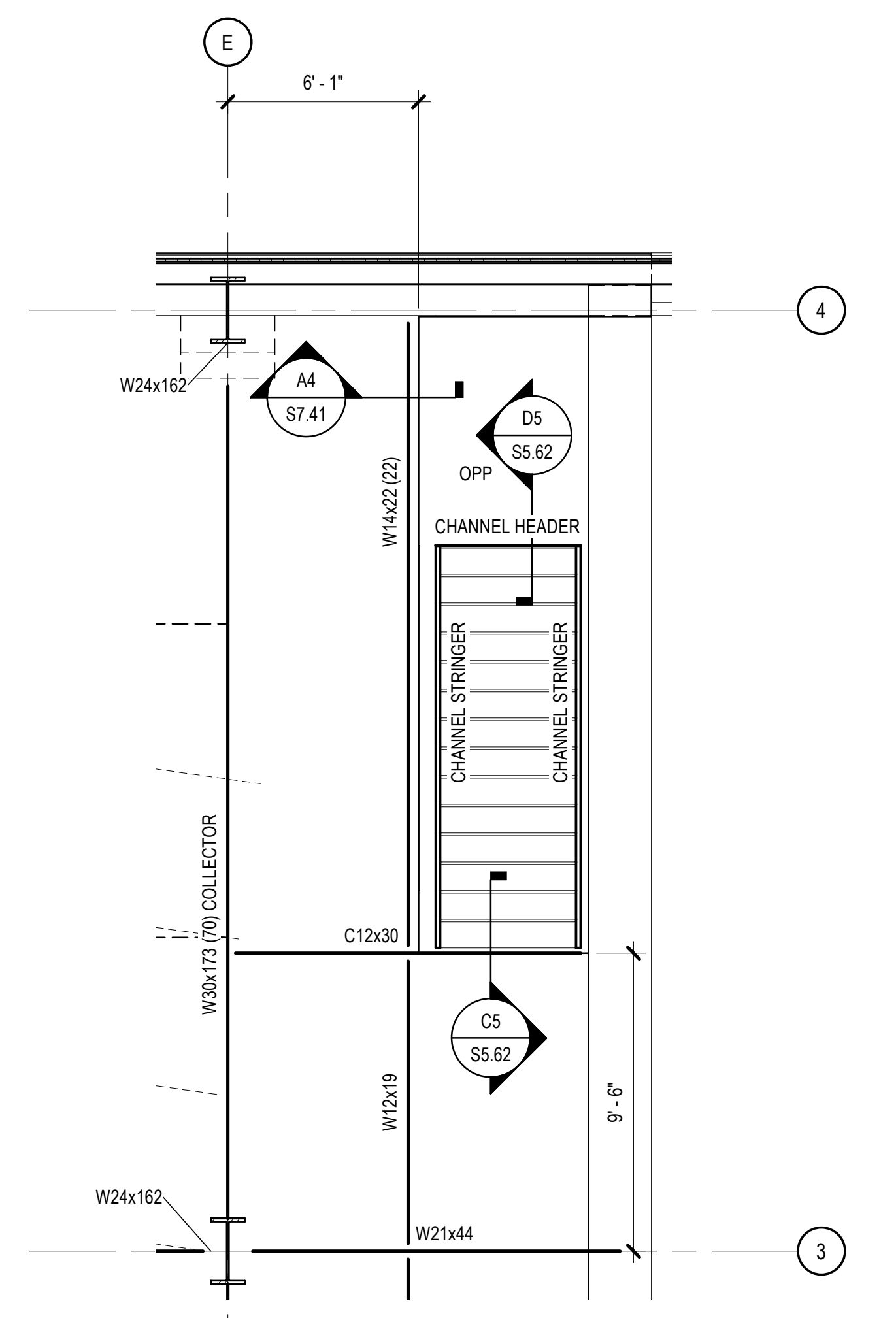
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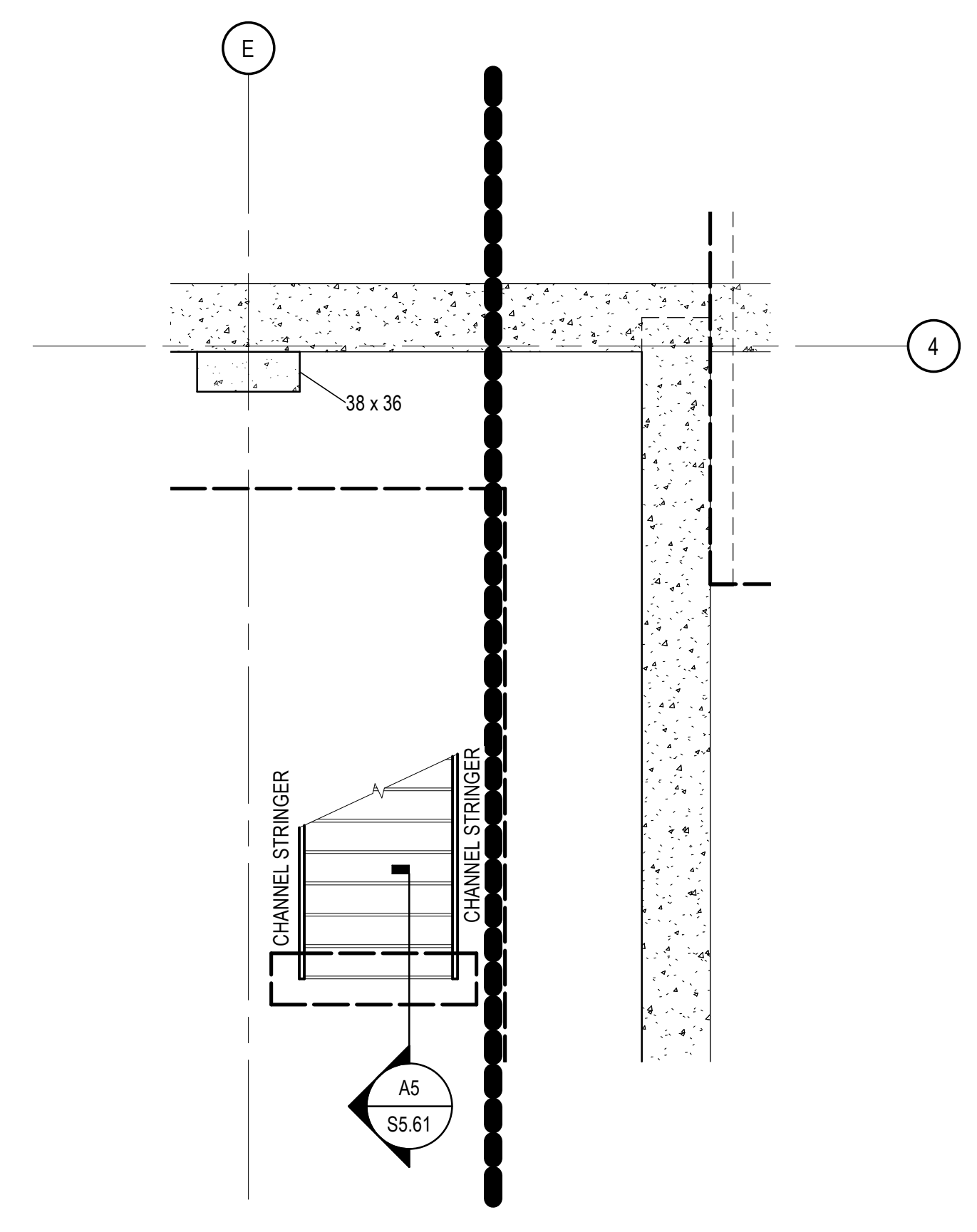
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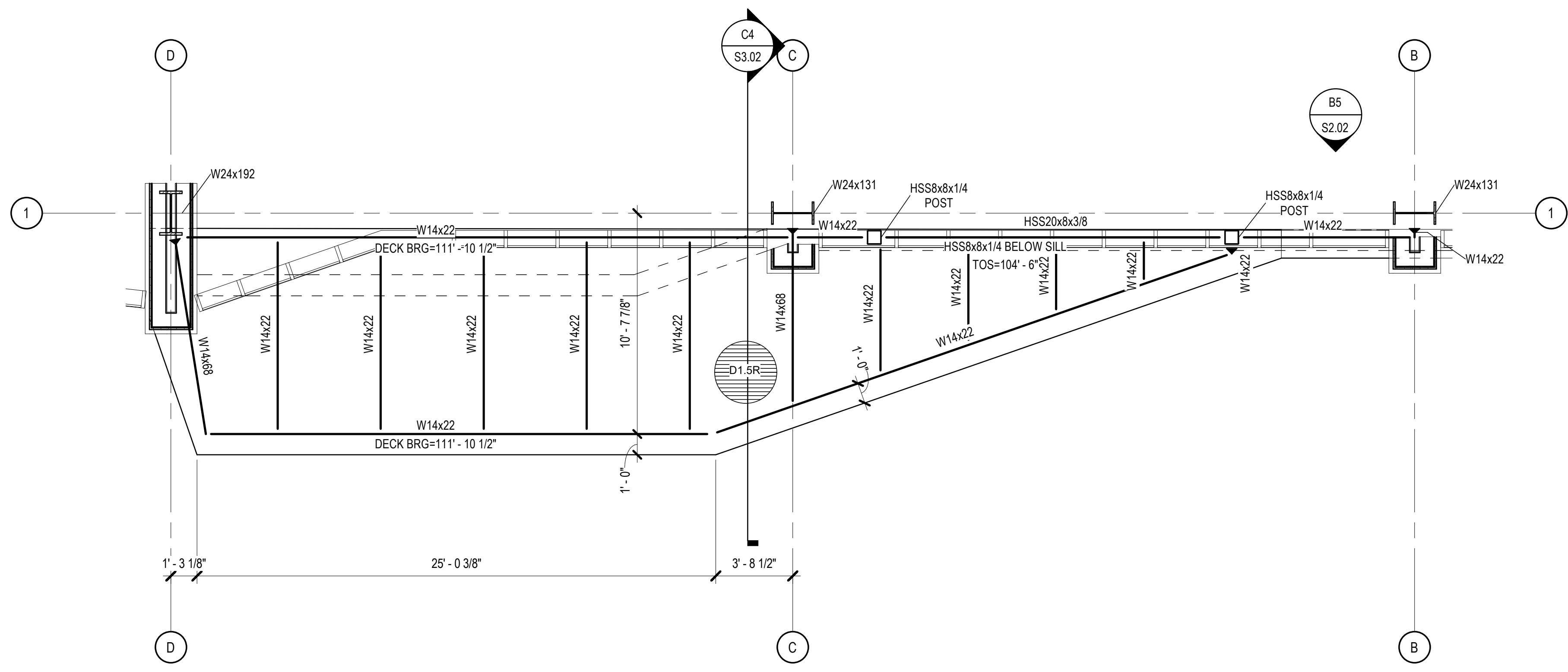
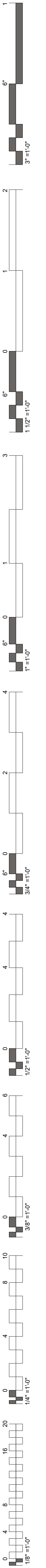
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SCALE: 1/4" = 1'-0"



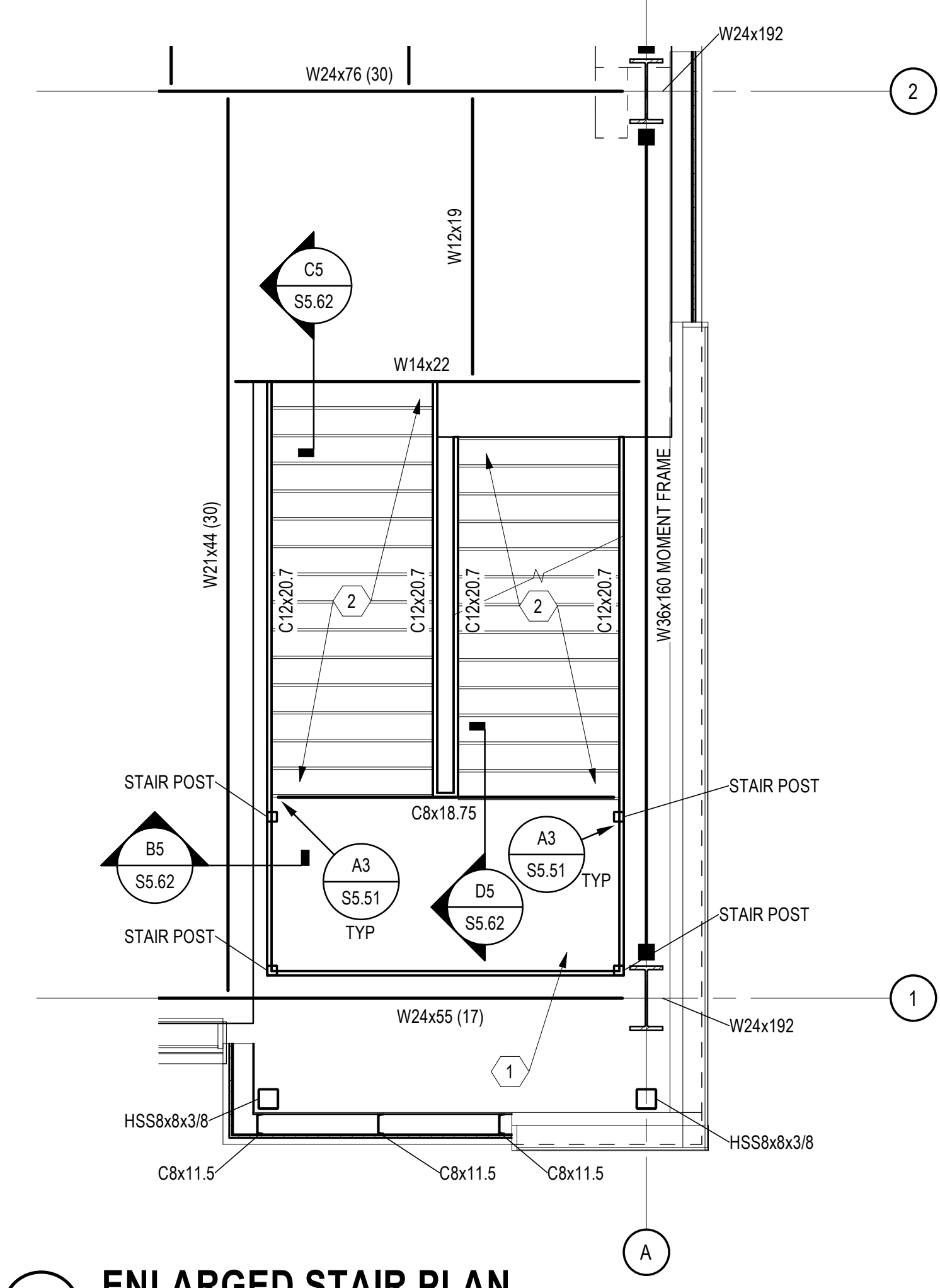
B1 ENLARGED STAIR PLAN
SCALE: 1/4" = 1'-0"



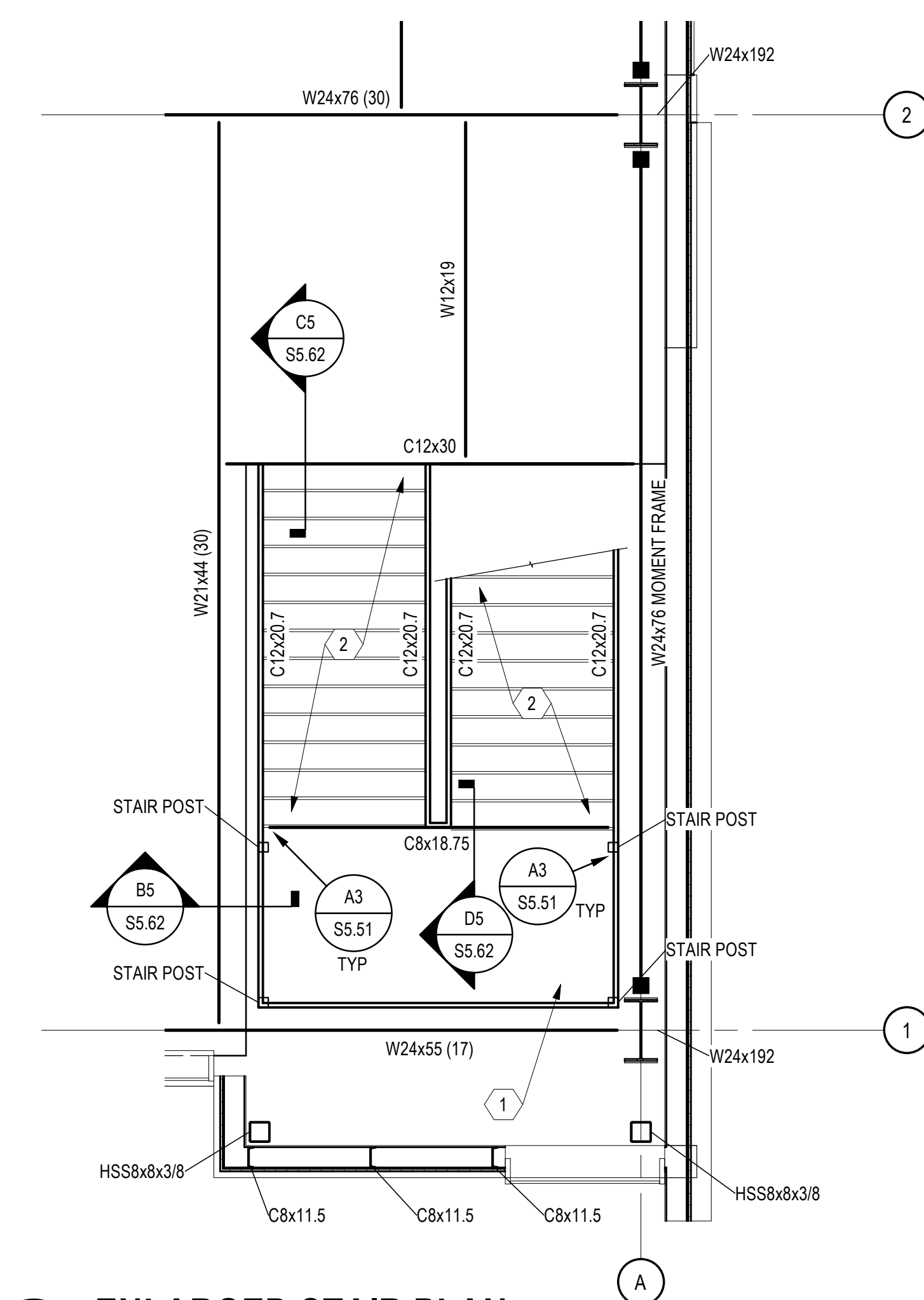
A1 ENLARGED STAIR PLAN
SCALE: 1/4" = 1'-0"



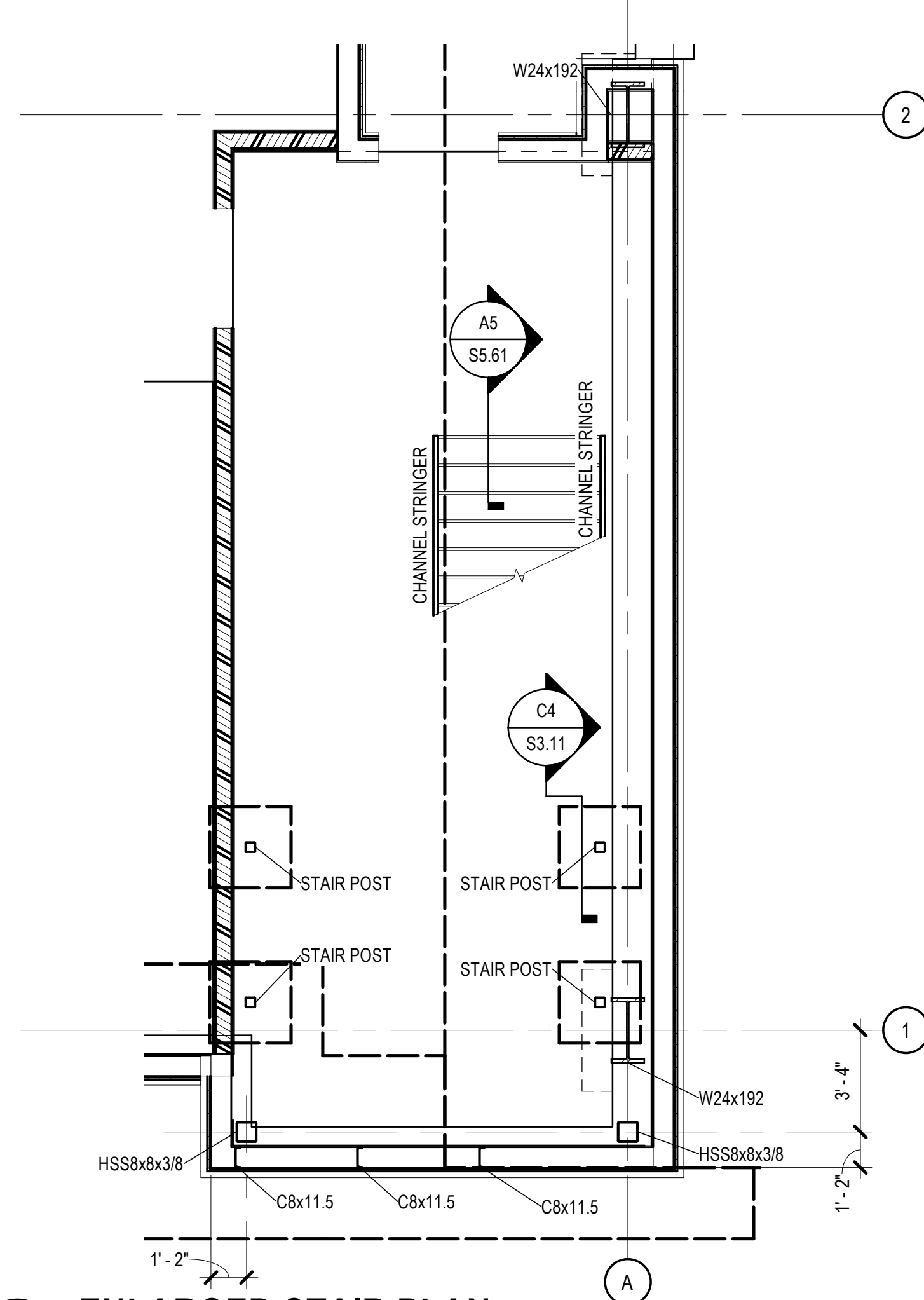
C1 ENTRY CANOPY FRAMING PLAN
SCALE: 1/4" = 1'-0"



C4 ENLARGED STAIR PLAN
SCALE: 1/4" = 1'-0"



A3 ENLARGED STAIR PLAN
SCALE: 1/4" = 1'-0"



A4 ENLARGED STAIR PLAN
SCALE: 1/4" = 1'-0"

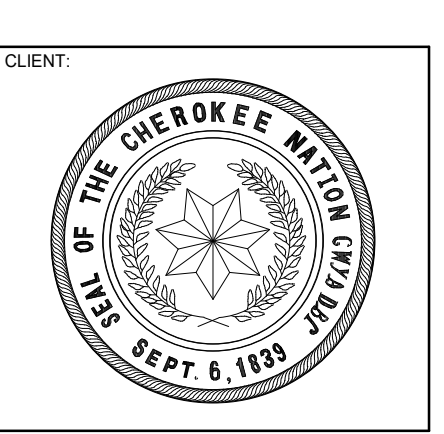
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CONSULTANT LOGO:
CG
Chavez-Grievos
consulting engineers, inc.
4000 Lincoln Road, Suite 102, Abbeville, SC 29521
803-344-4000 803-343-8759 (fax)



SHEET KEYNOTE

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- 2" CONCRETE FILLED METAL PANS, REINFORCED WITH 6x6-W2 1xW2.1 WELDED WIRE FABRIC.

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KEY PLAN:

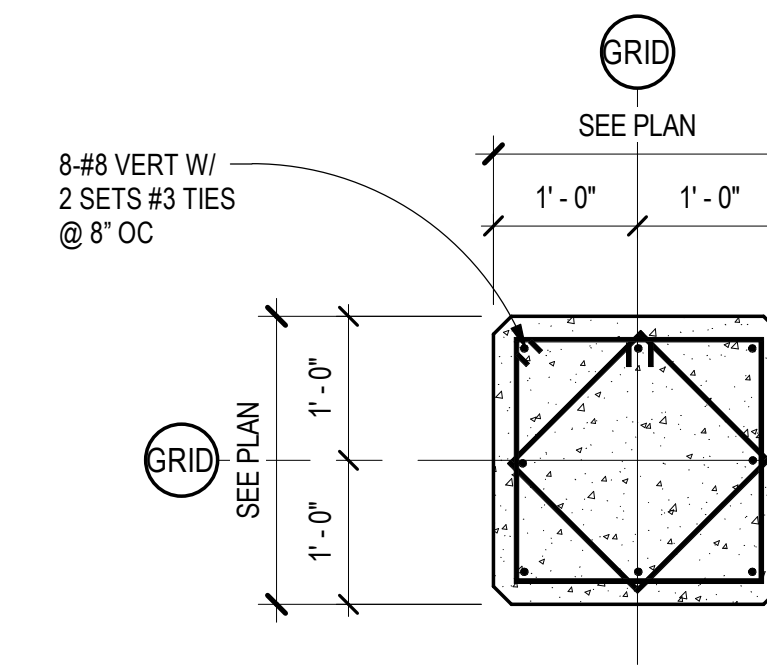
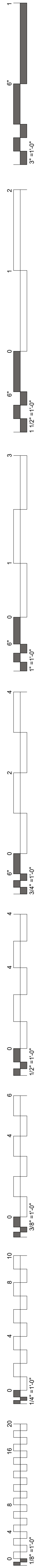
PROJECT PHASE:
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NOT FOR CONSTRUCTION

#	DATE	REVISIONS	DESCRIPTION

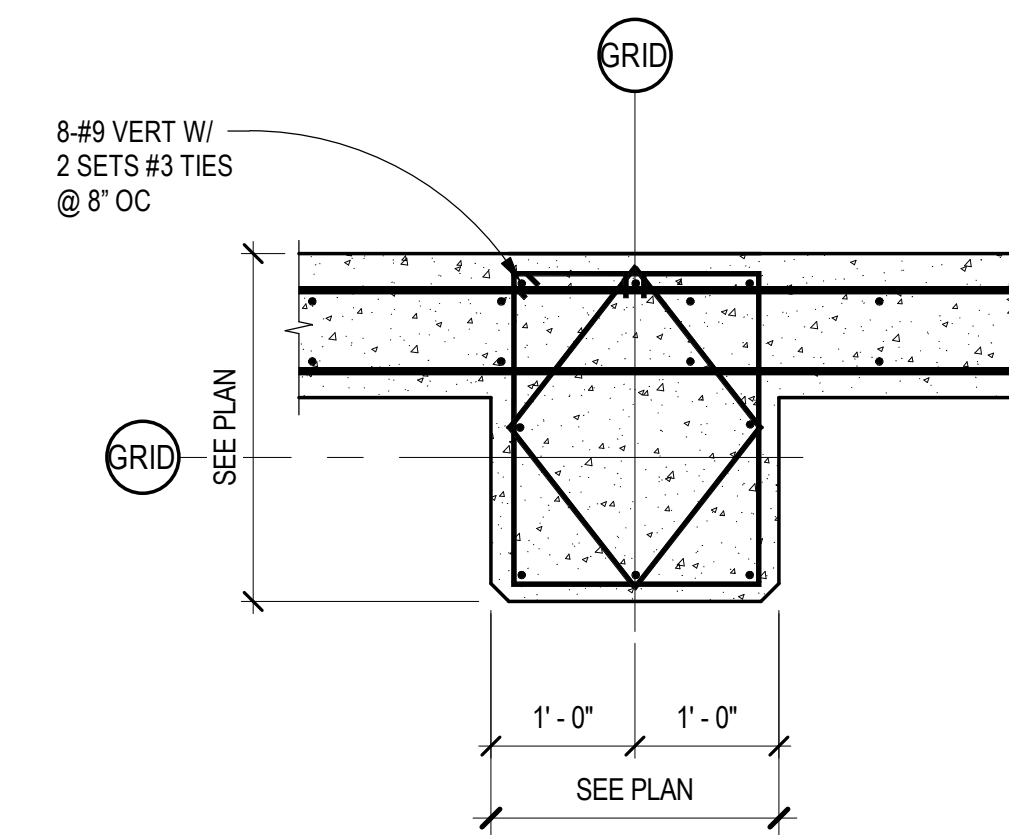
DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER: **S4.02**

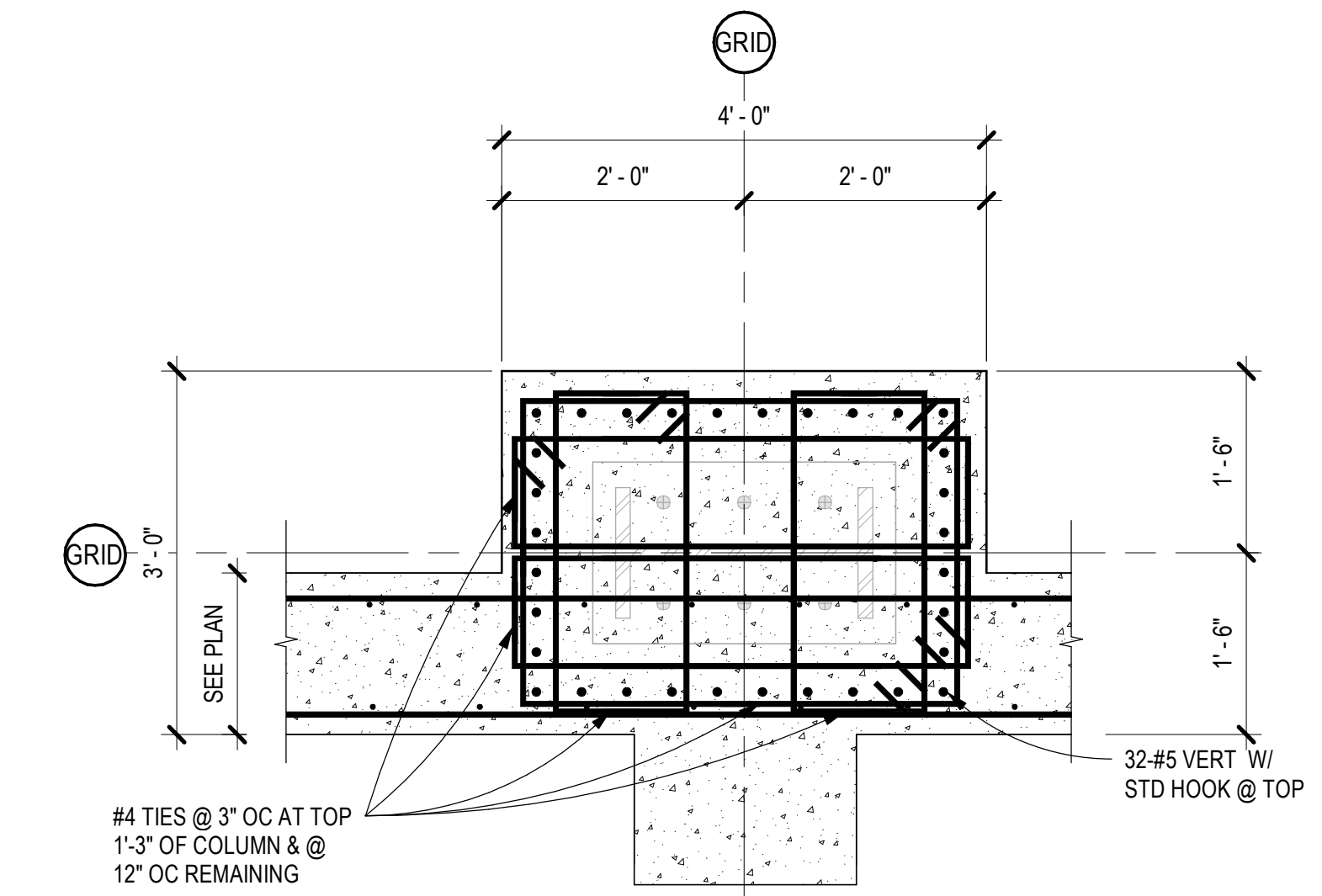
ENLARGED PLANS



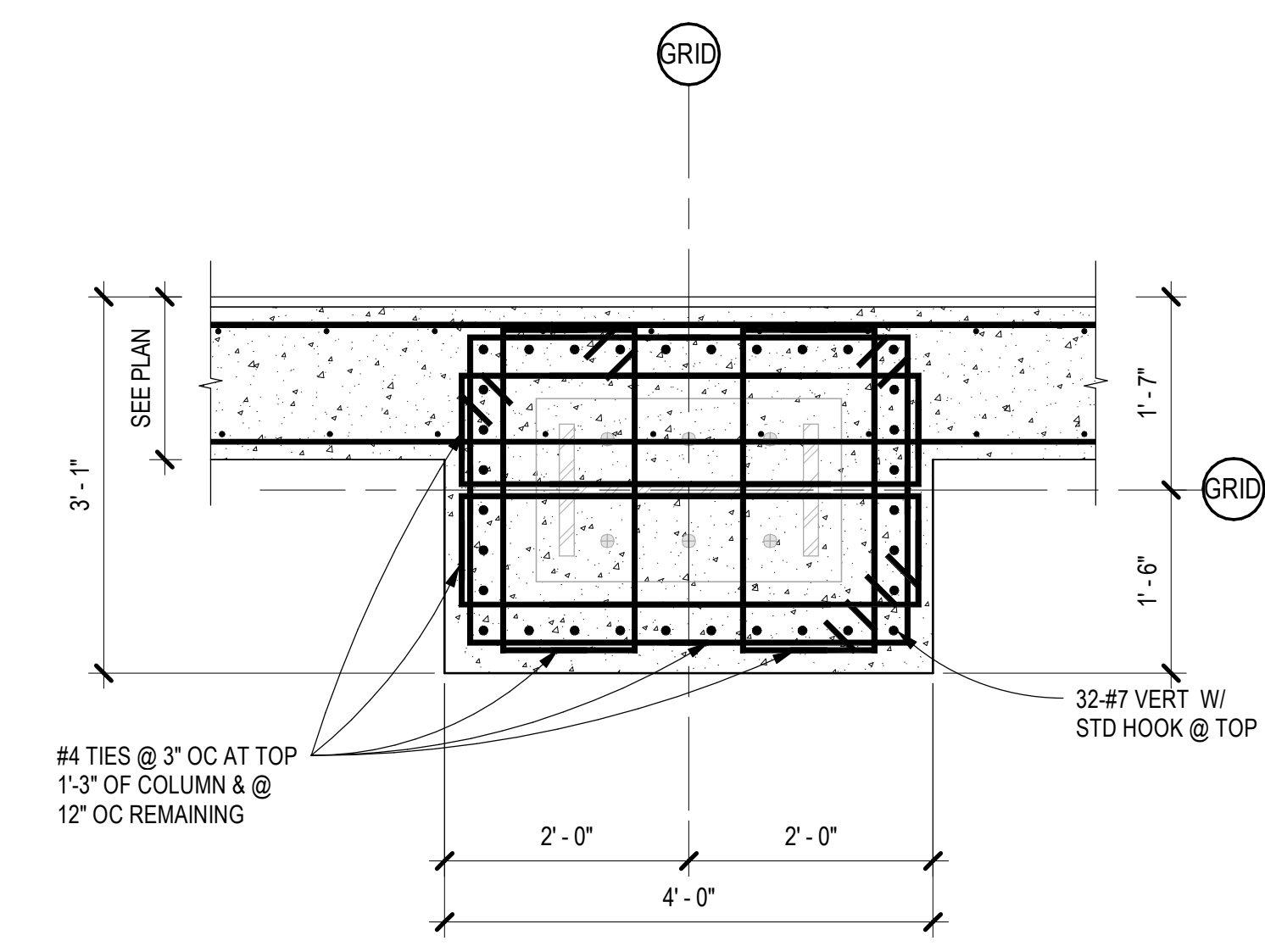
D5 CONCRETE COLUMN DETAIL
SCALE: 3/4" = 1'-0"



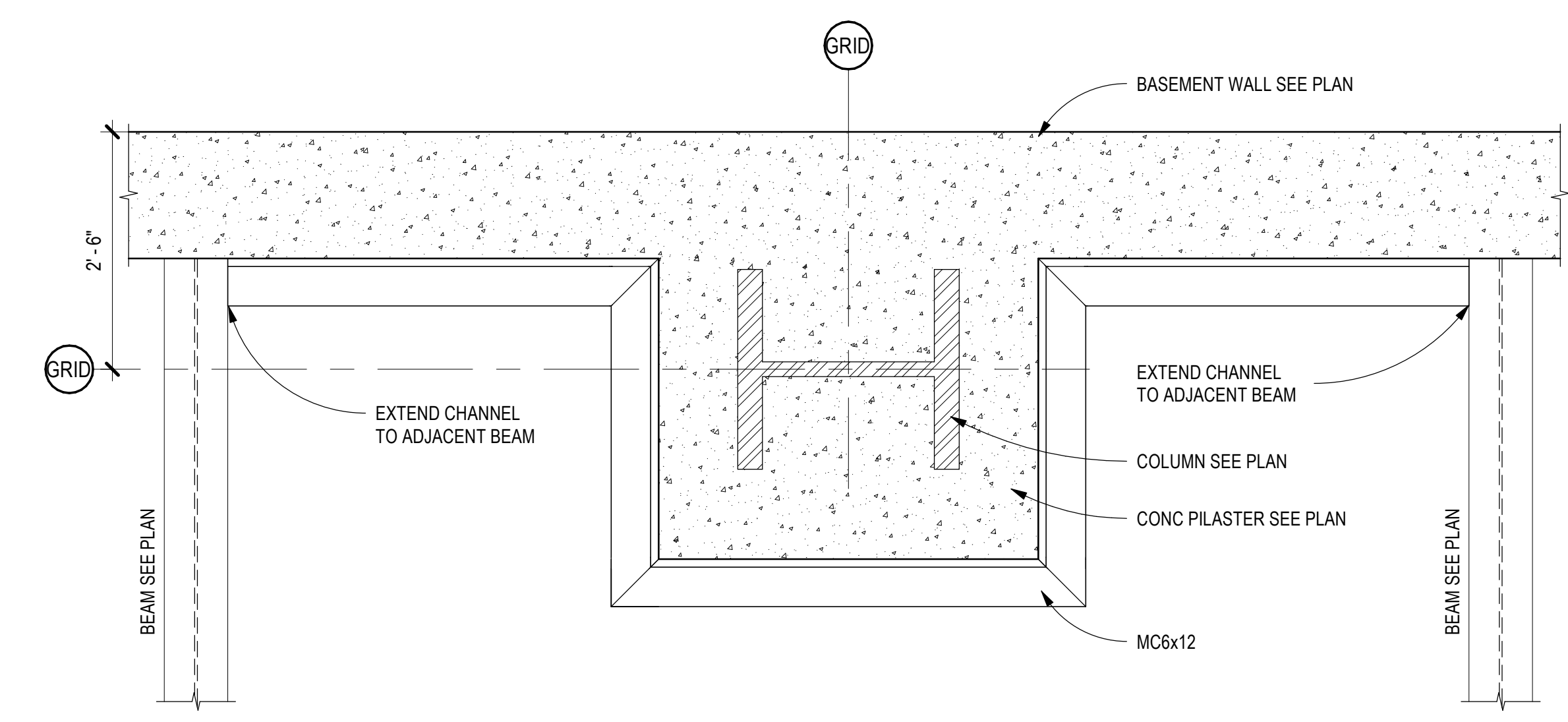
C5 CONCRETE COLUMN DETAIL
SCALE: 3/4" = 1'-0"



B5 PILASTER DETAIL
SCALE: 3/4" = 1'-0"

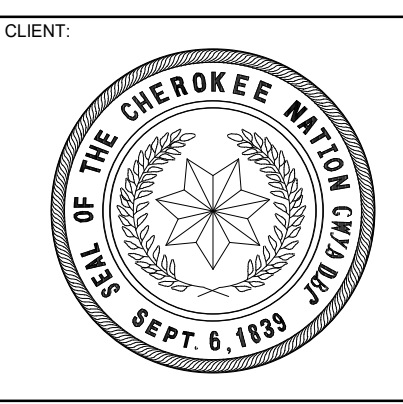


A5 PILASTER DETAIL
SCALE: 3/4" = 1'-0"



A3 TYPICAL PERIMETER CHANNEL AT BASEMENT LID PLAN
SCALE: 3/4" = 1'-0"

PROFESSIONAL SEAL:
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KEY PLAN:

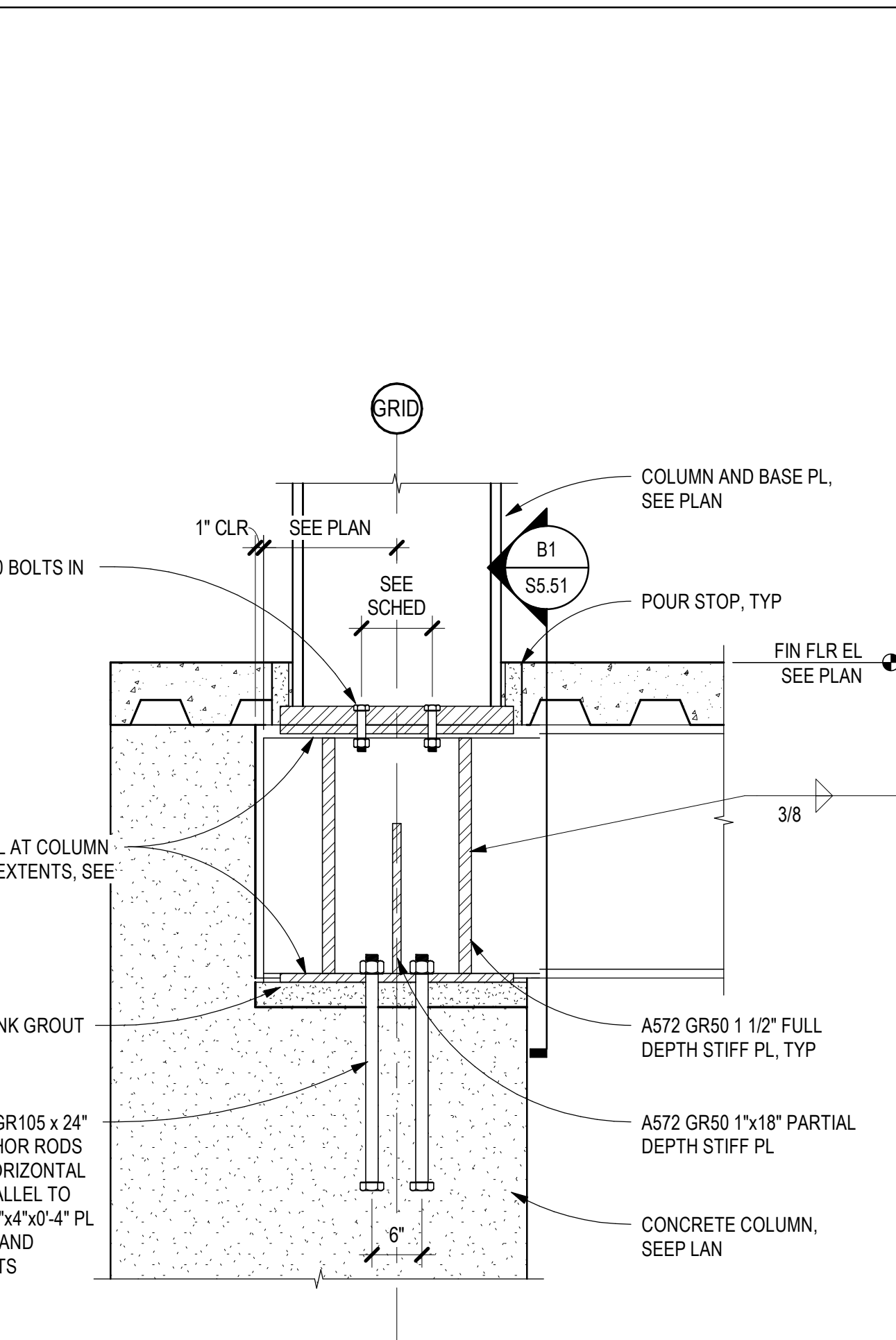
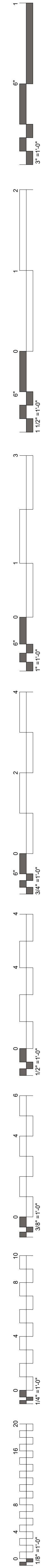
PROJECT PHASE:
BULK STEEL PACKAGE
NOT FOR CONSTRUCTION

#	DATE	REVISIONS	DESCRIPTION

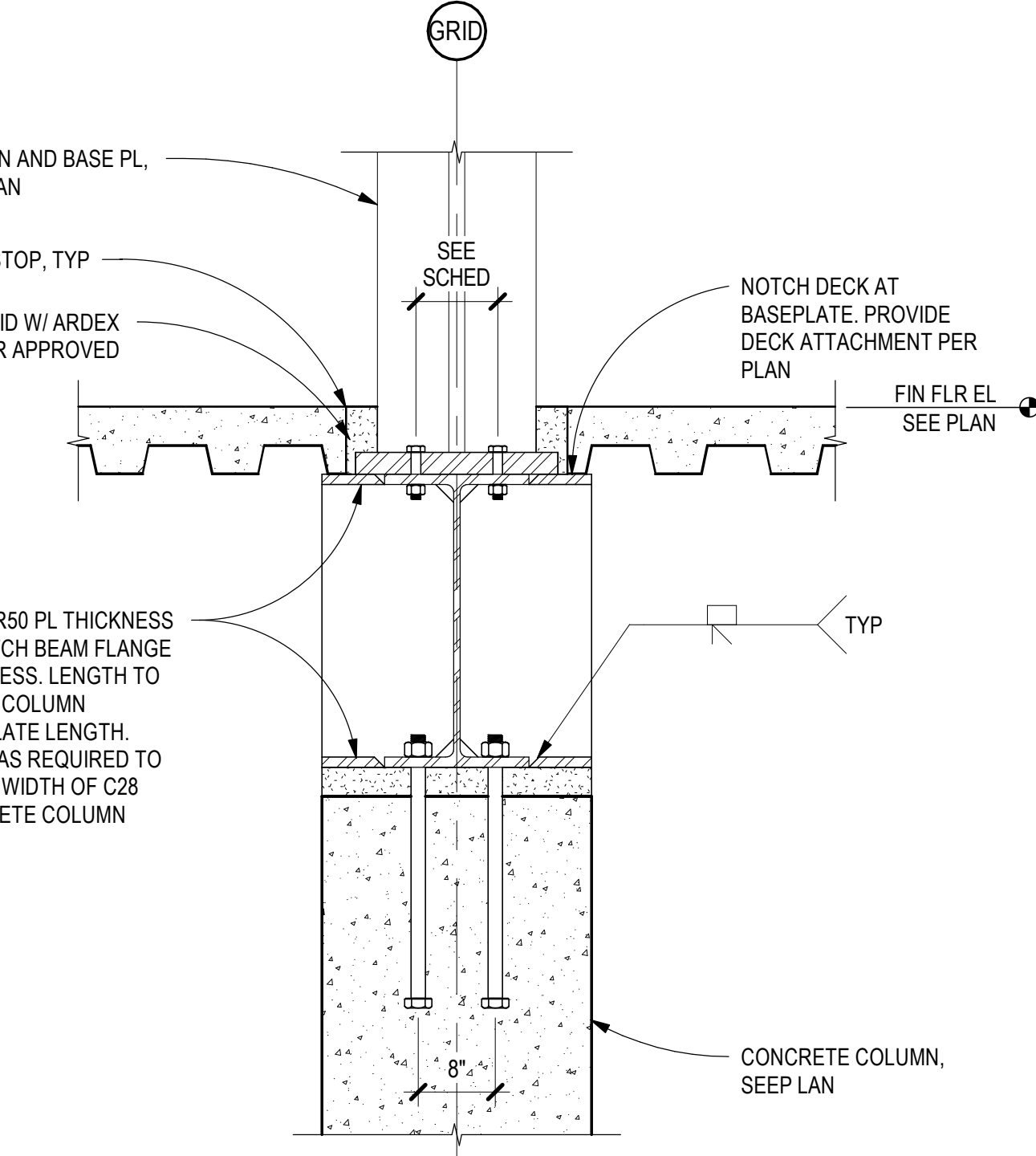
DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER: S5.11

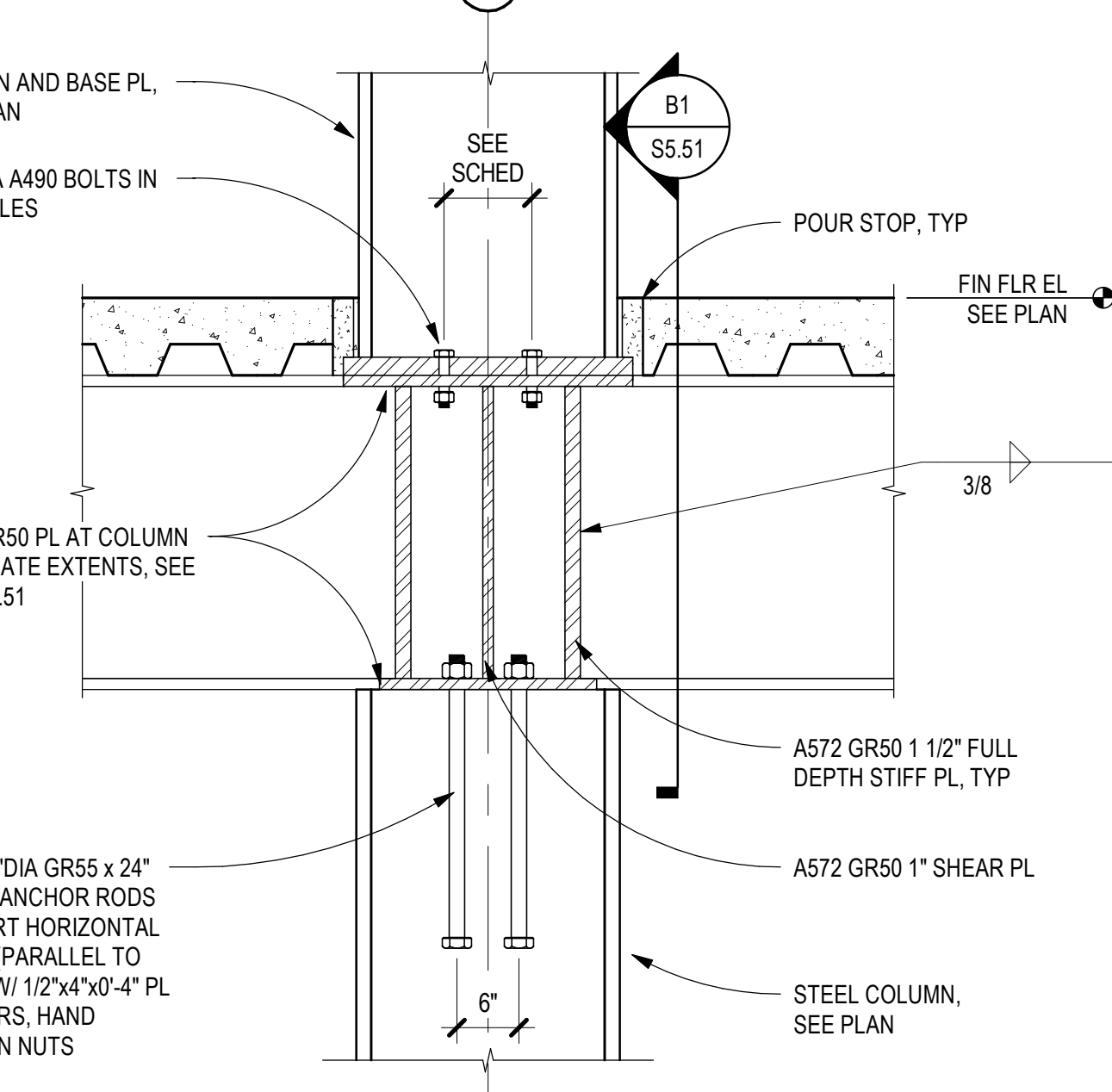
CONCRETE DETAILS



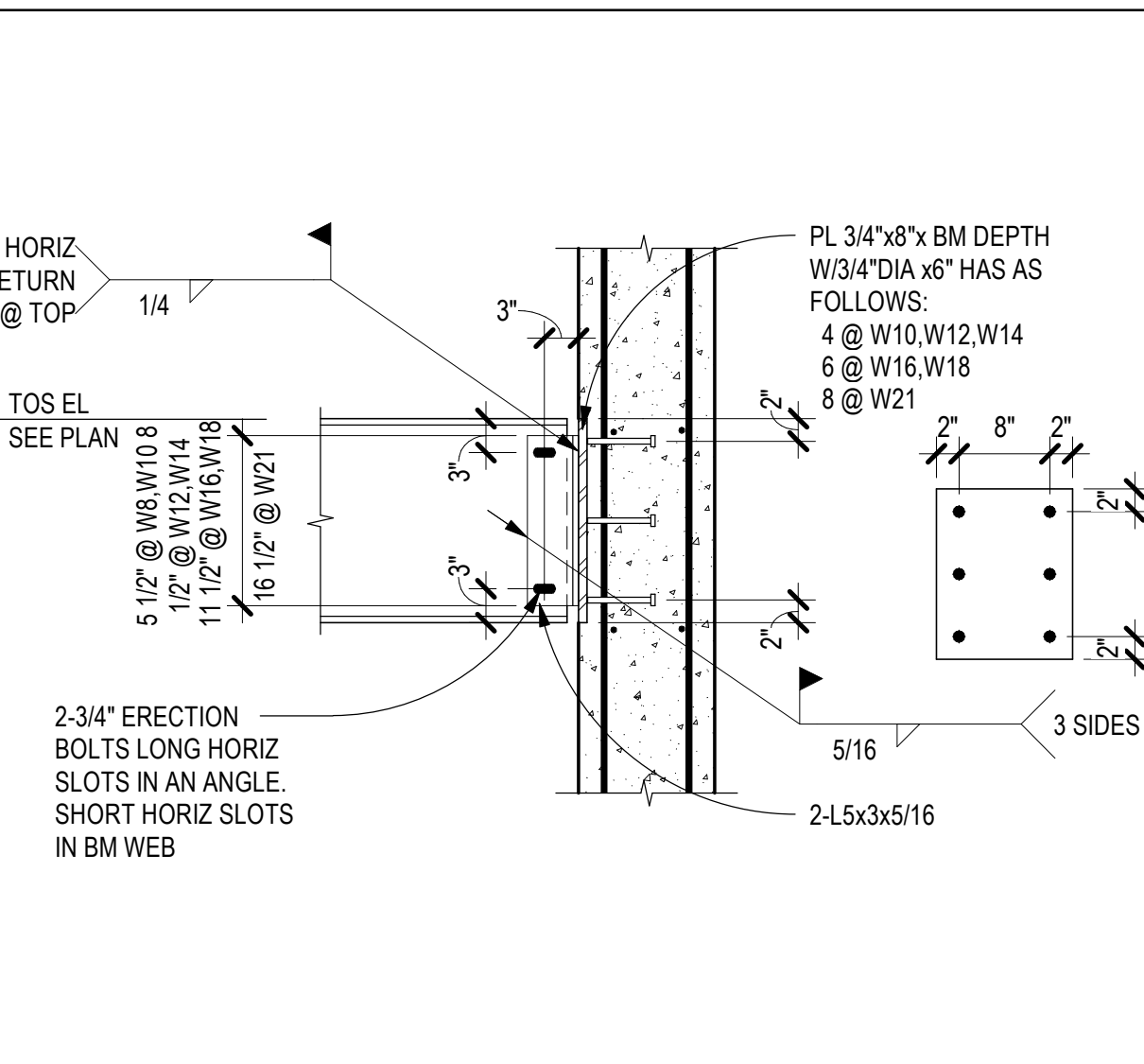
C1 MF COLUMN ON BEAM DETAIL - END
SCALE: 3/4" = 1'-0"



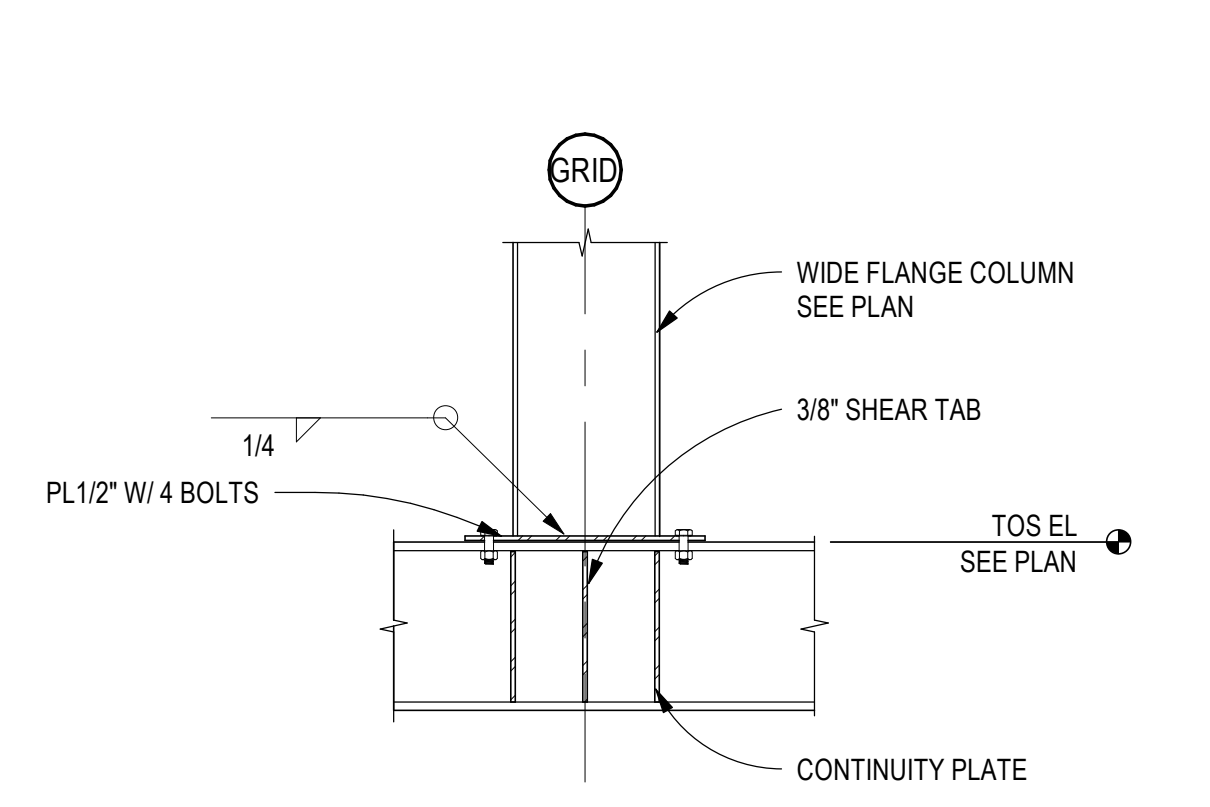
B1 MF COLUMN ON BEAM DETAIL
SCALE: 3/4" = 1'-0"



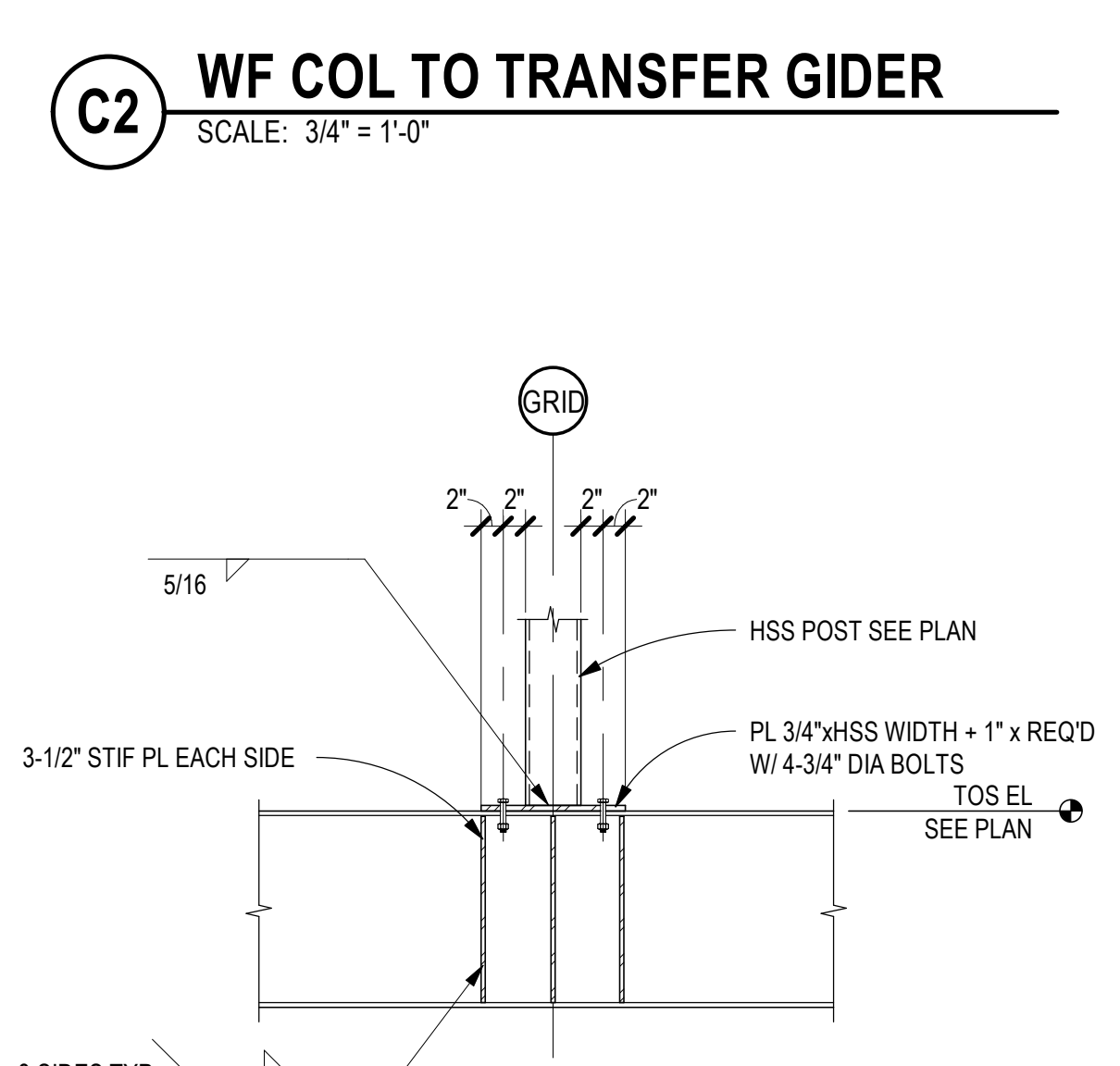
A1 MF COLUMN ON BEAM DETAIL - MID
SCALE: 3/4" = 1'-0"



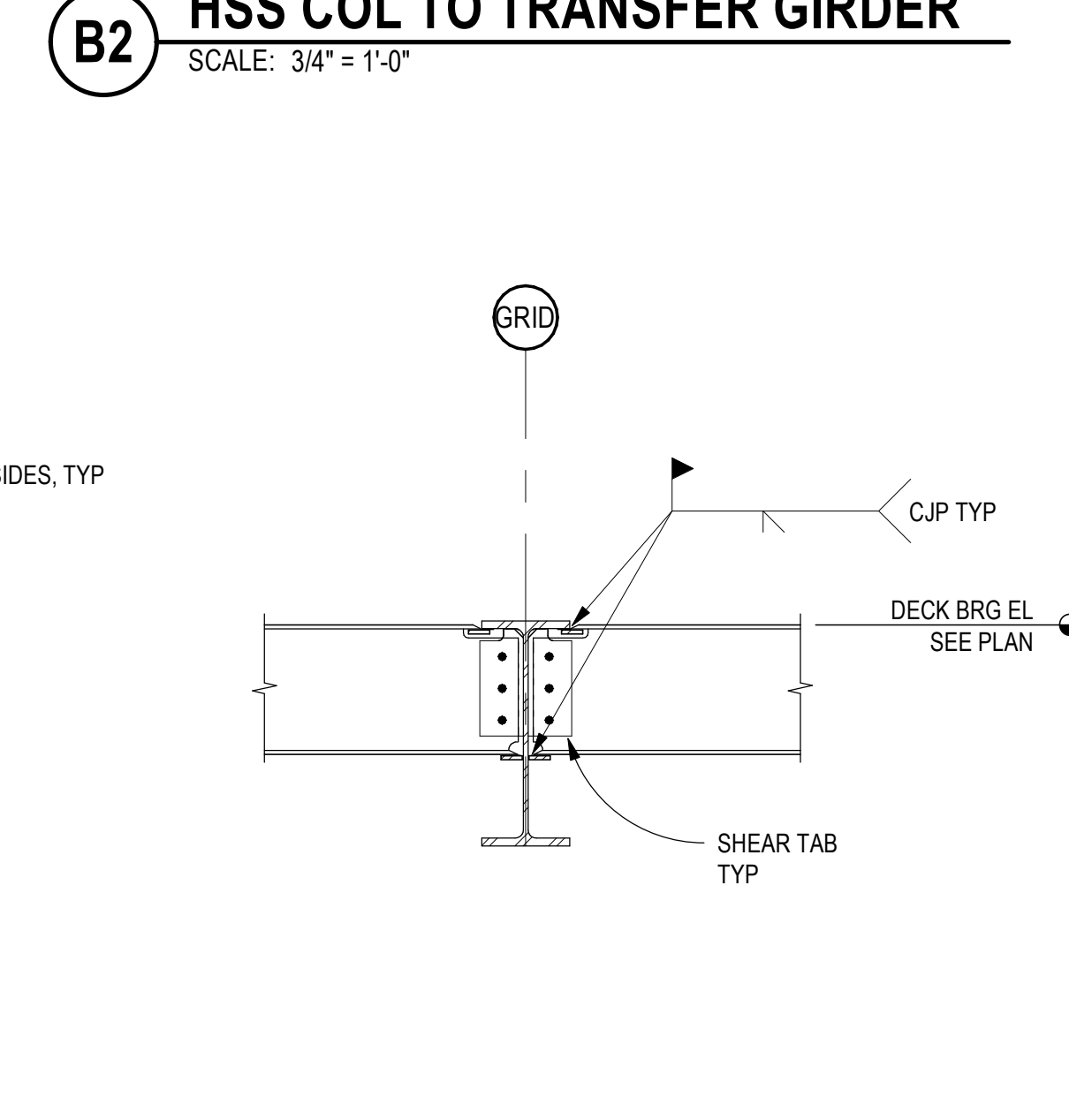
D2 BEAM TO CONC WALL DETAIL
SCALE: 3/4" = 1'-0"



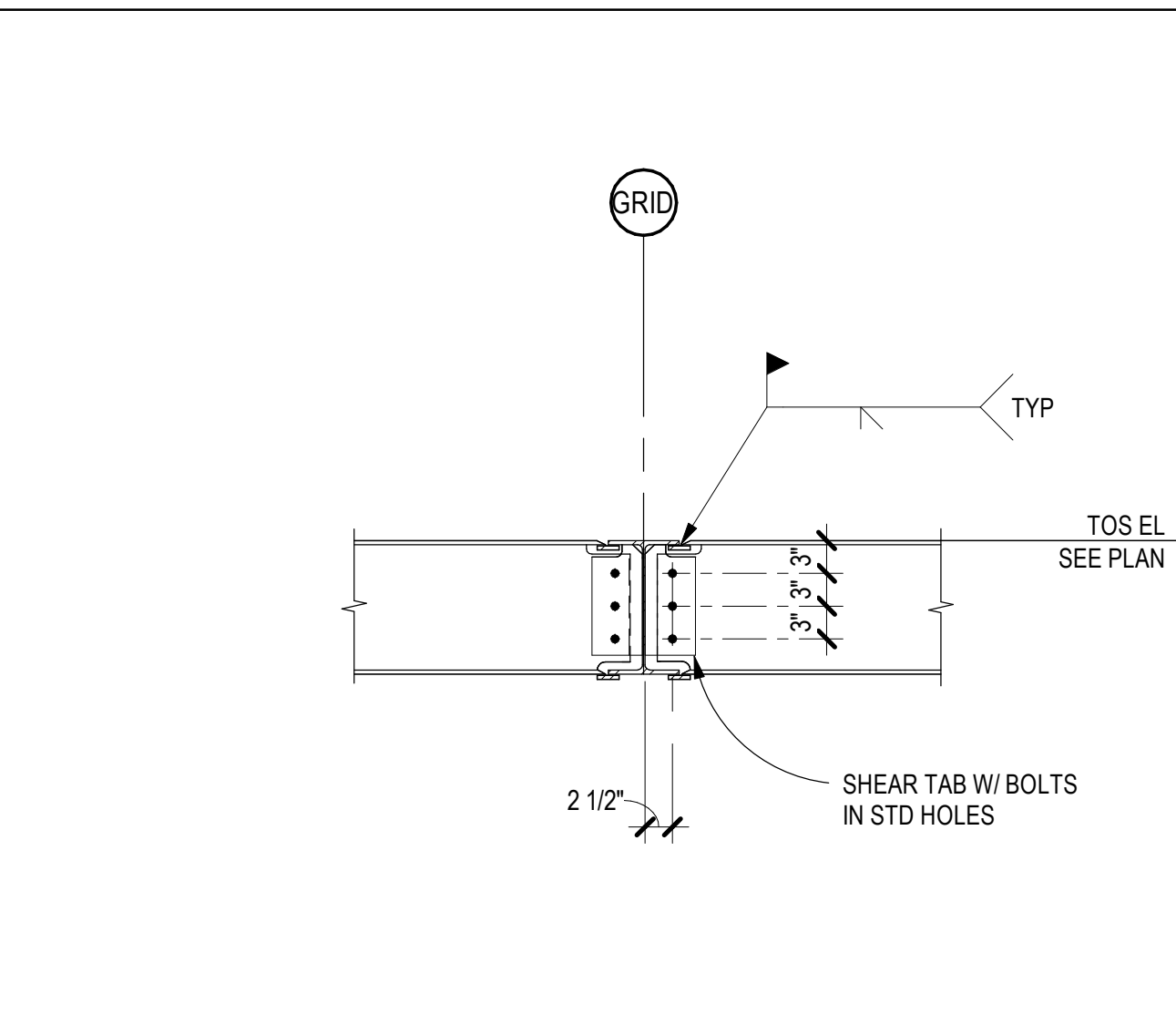
C3 TYPICAL BEAM TO BEAM CONN
SCALE: 3/4" = 1'-0"



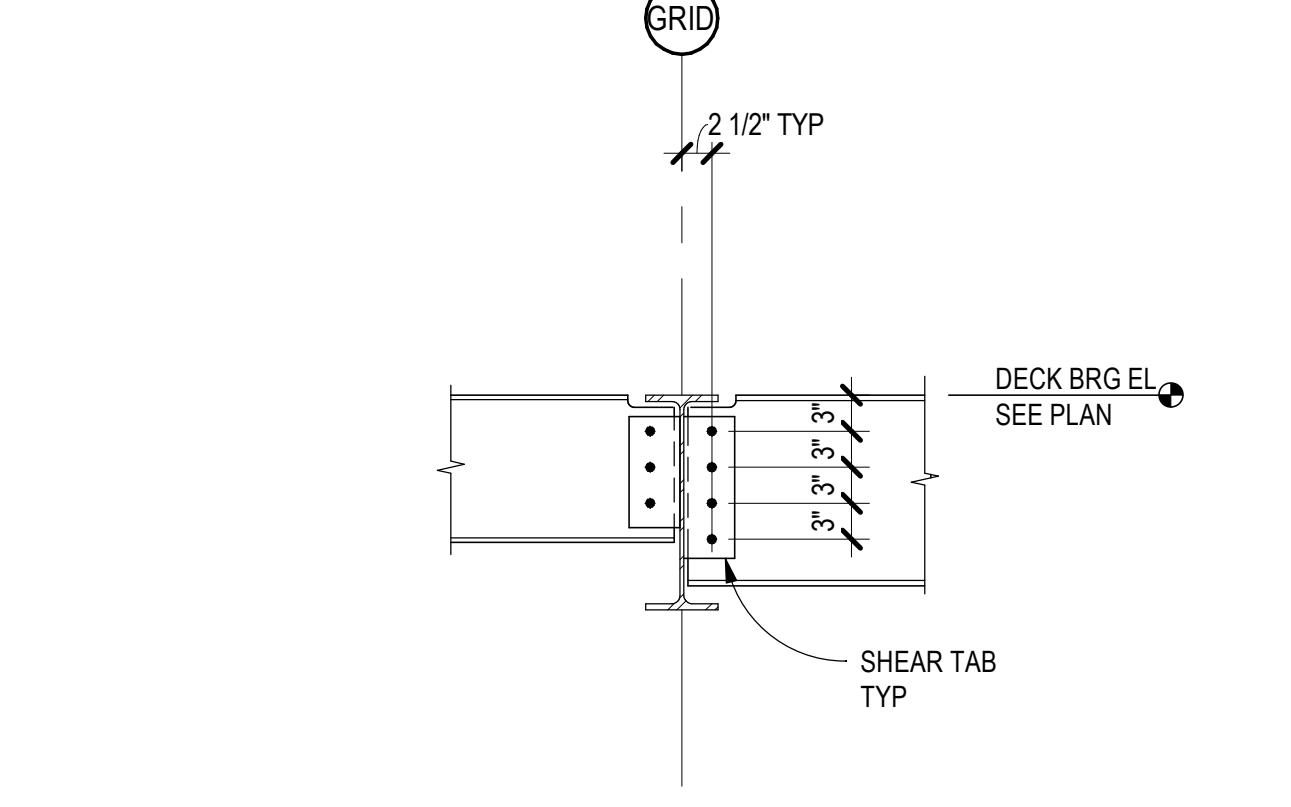
B2 HSS COL TO TRANSFER GIRDER
SCALE: 3/4" = 1'-0"



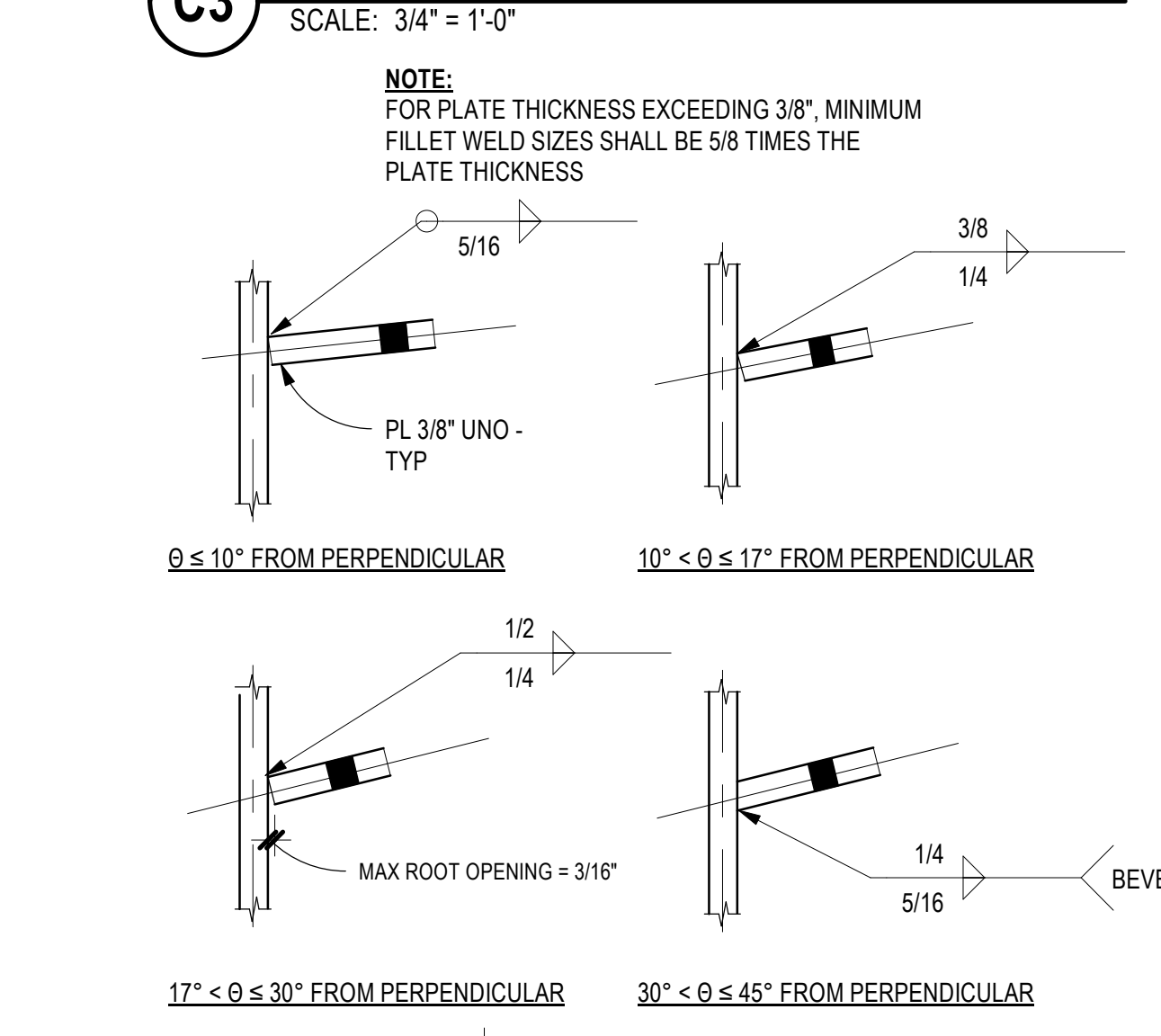
A2 BEAM TO BEAM MOMENT CONN
SCALE: 3/4" = 1'-0"



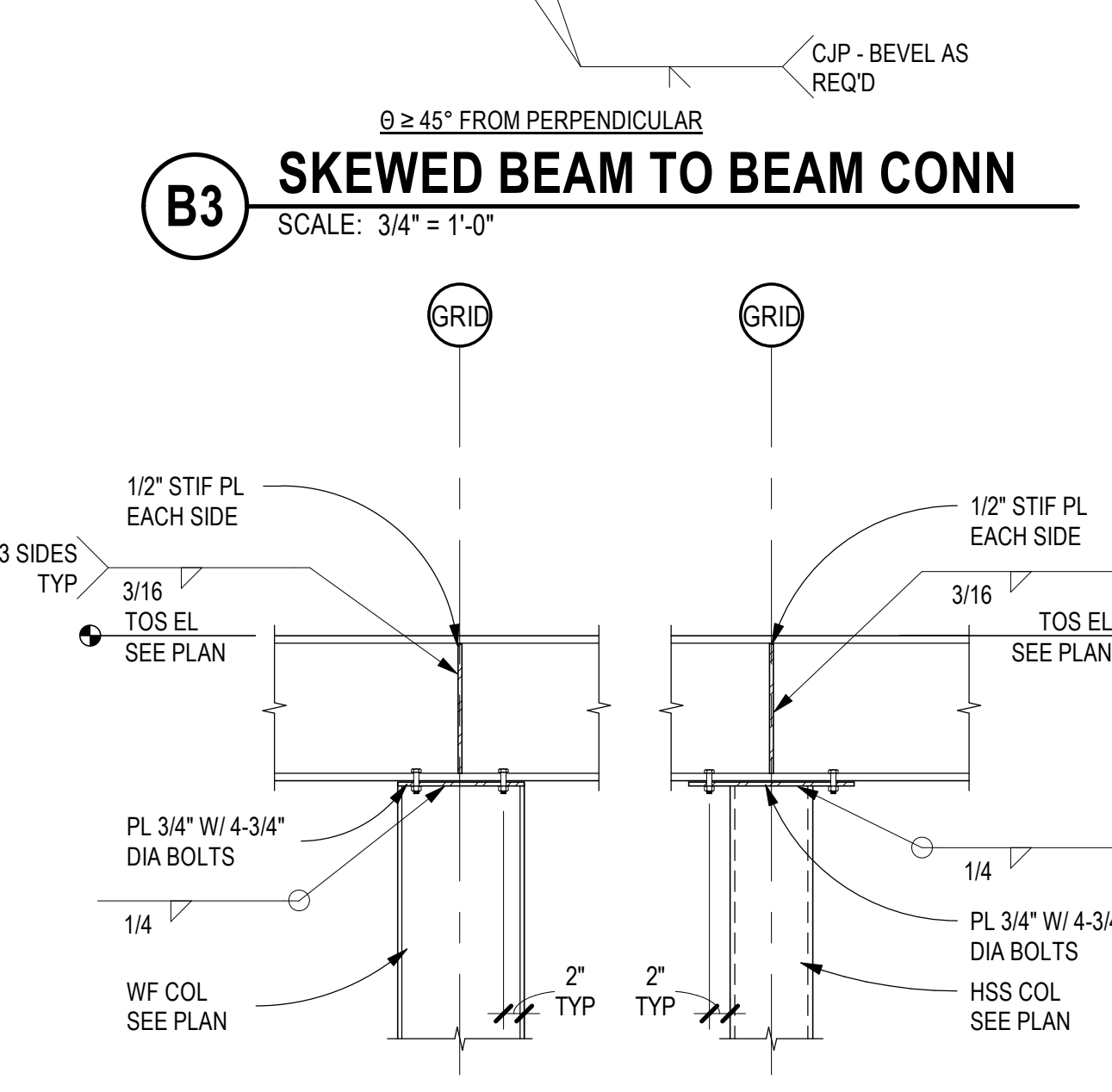
D3 BEAM TO BEAM MOMENT CONN
SCALE: 3/4" = 1'-0"



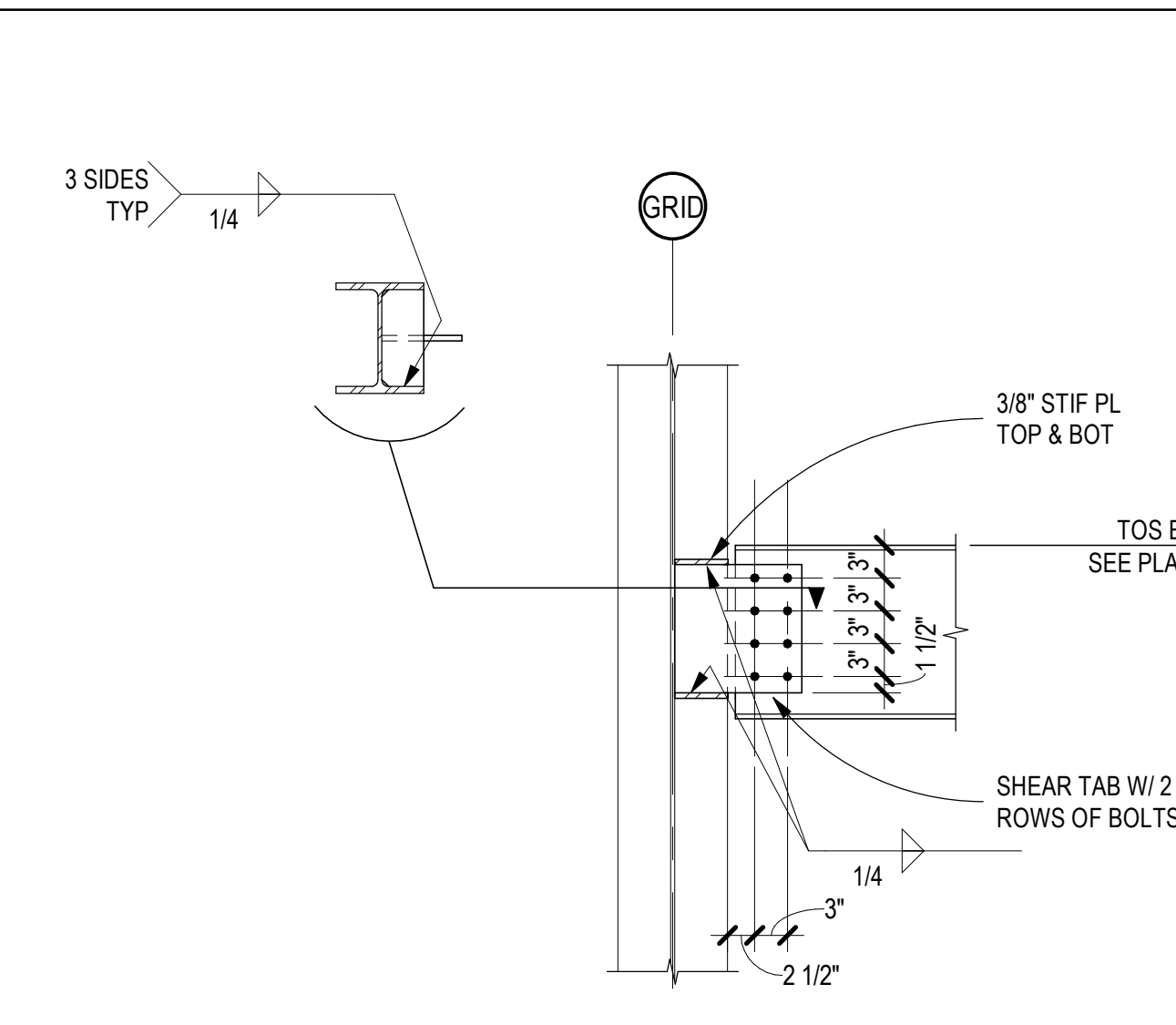
C3 TYPICAL BEAM TO BEAM CONN
SCALE: 3/4" = 1'-0"



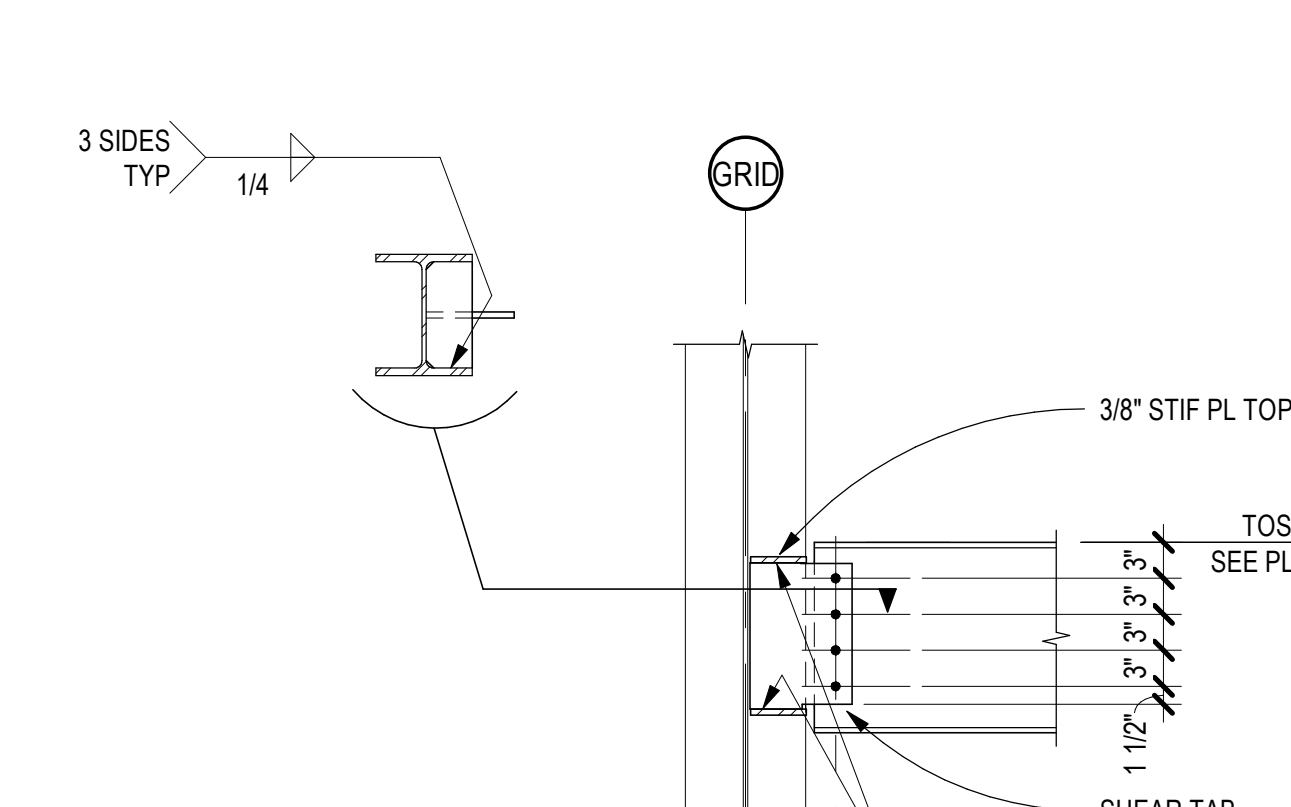
B3 SKEWED BEAM TO BEAM CONN
SCALE: 3/4" = 1'-0"



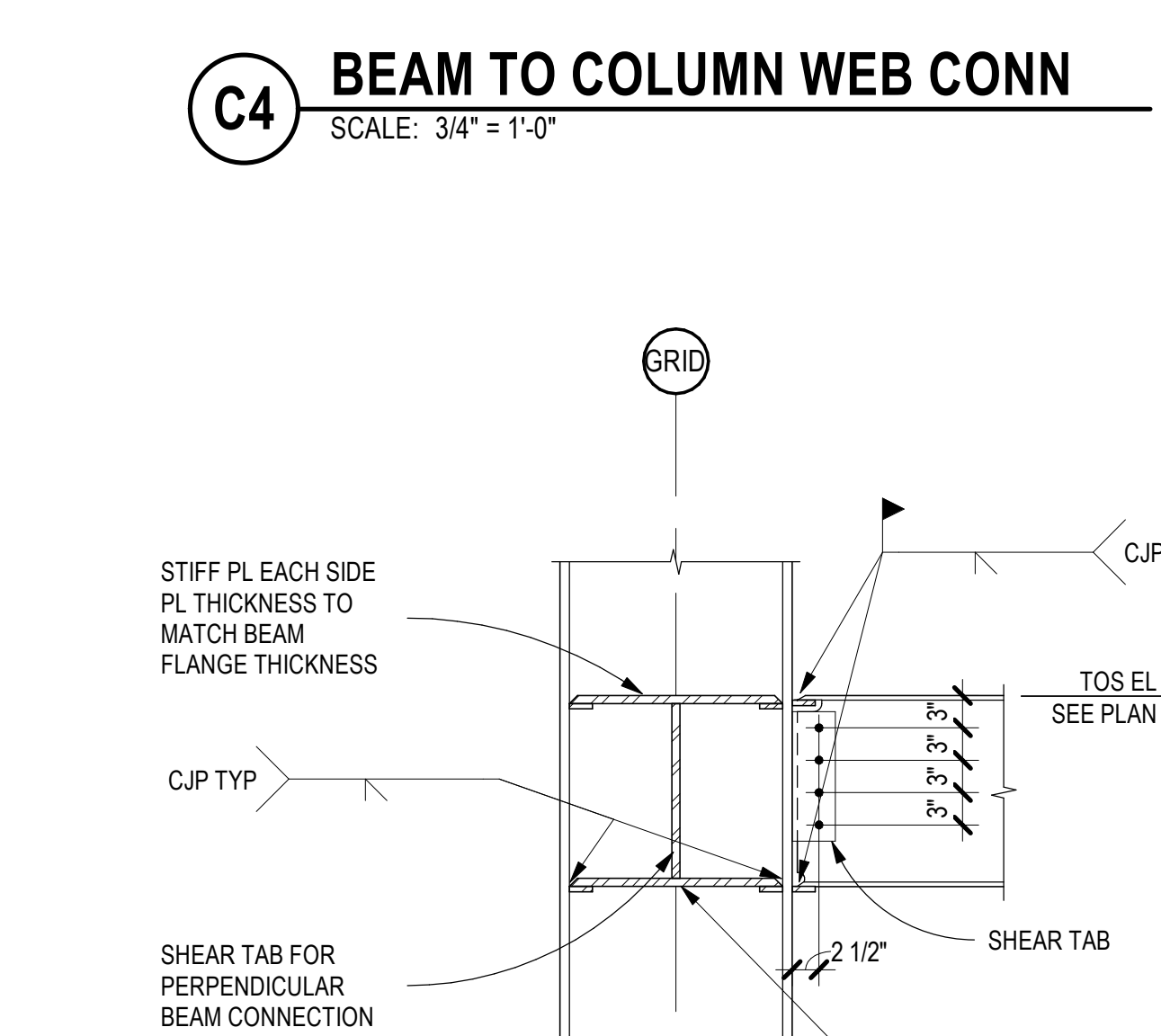
A3 BEAM OVER COLUMN CONN
SCALE: 3/4" = 1'-0"



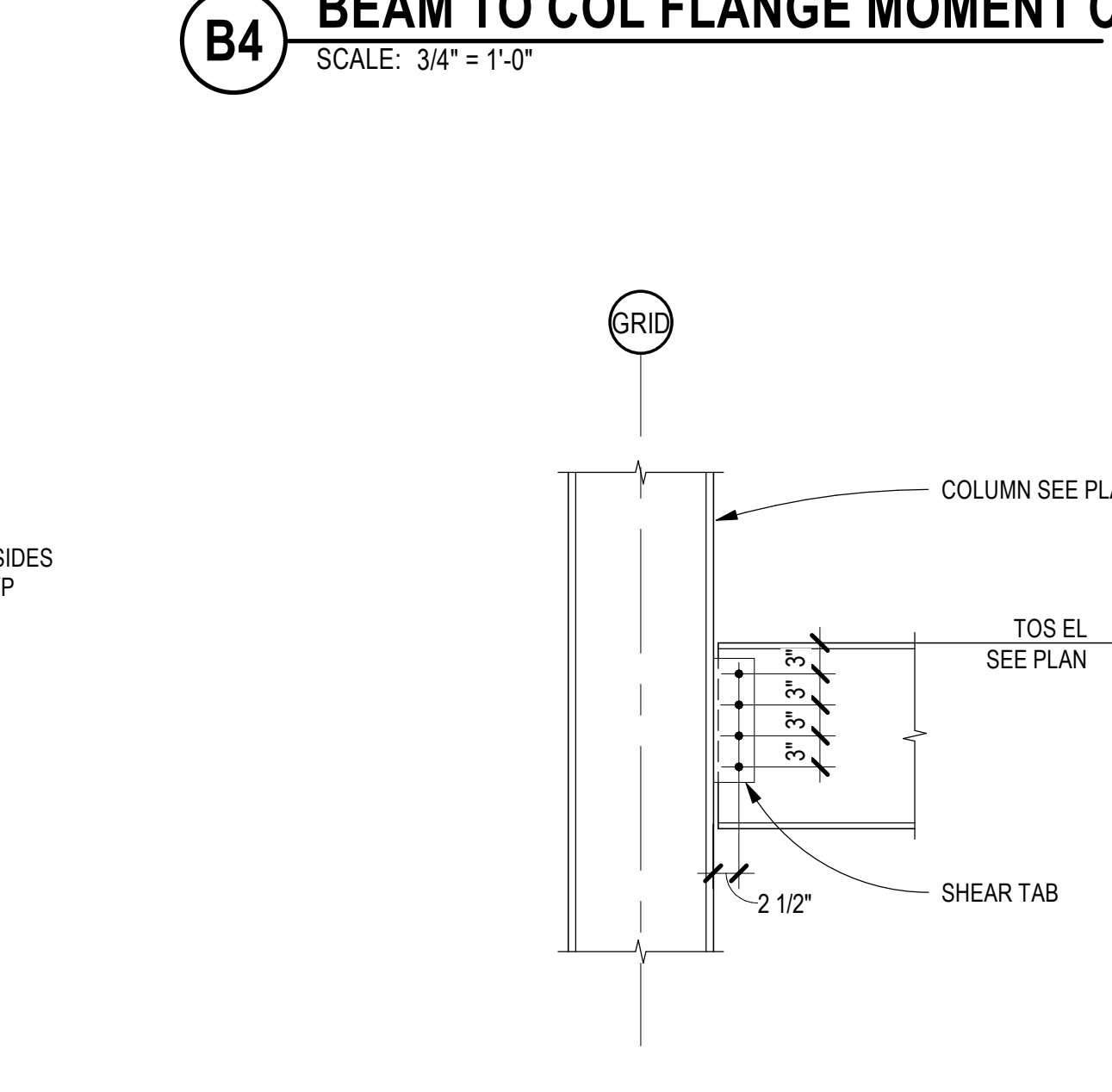
D4 BM TO COL WEB TWO ROWS
SCALE: 3/4" = 1'-0"



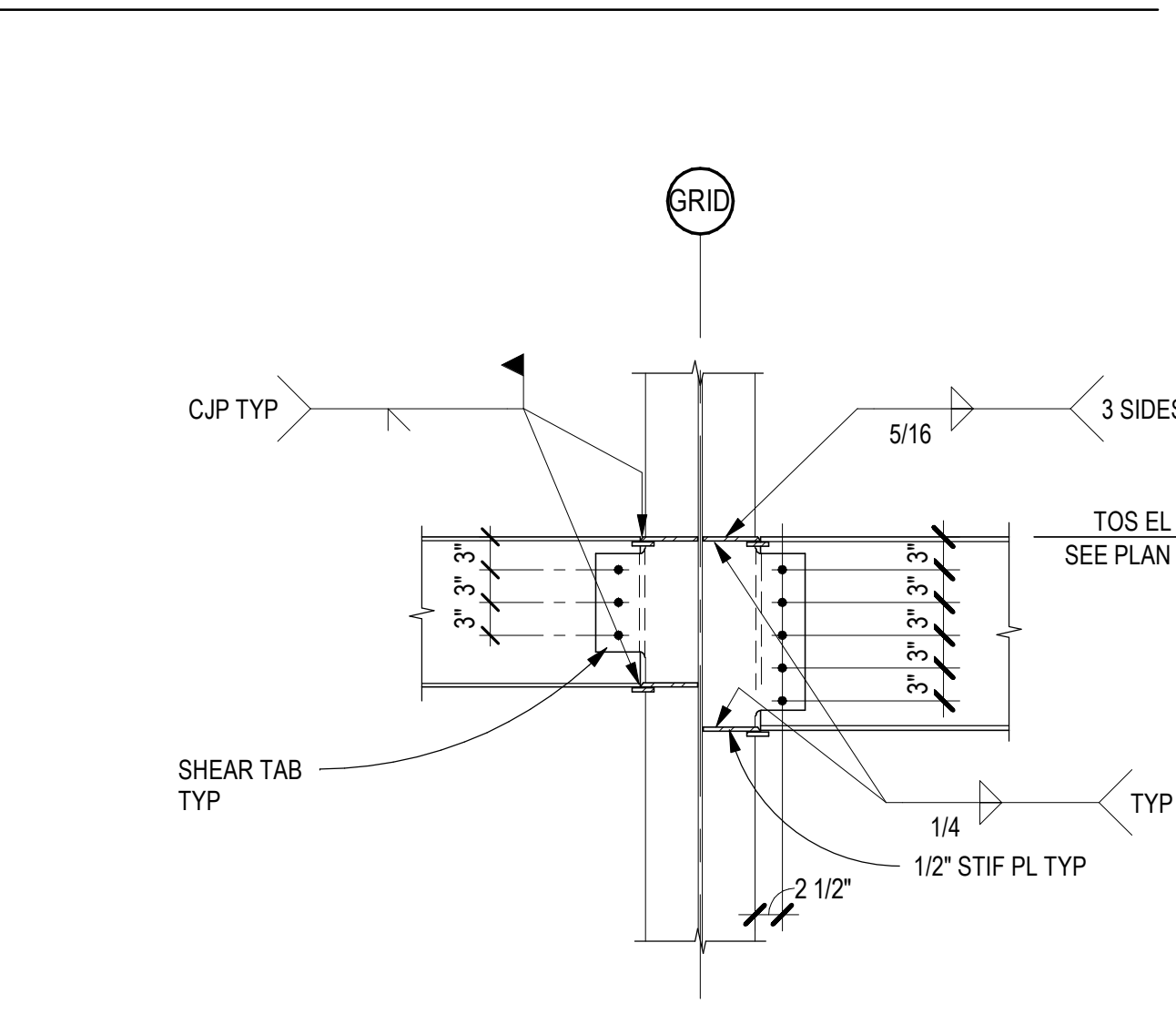
C4 BEAM TO COLUMN WEB CONN
SCALE: 3/4" = 1'-0"



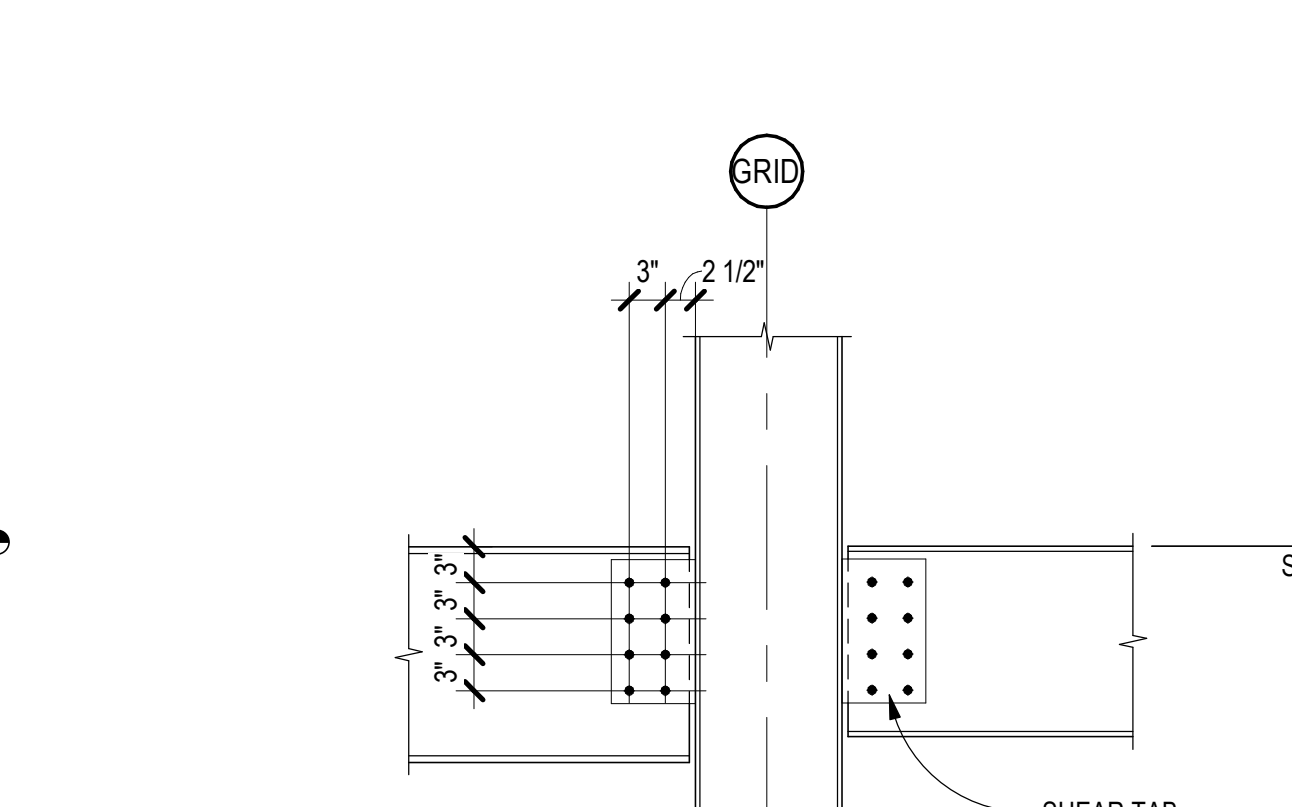
B4 BEAM TO COL FLANGE MOMENT CONN
SCALE: 3/4" = 1'-0"



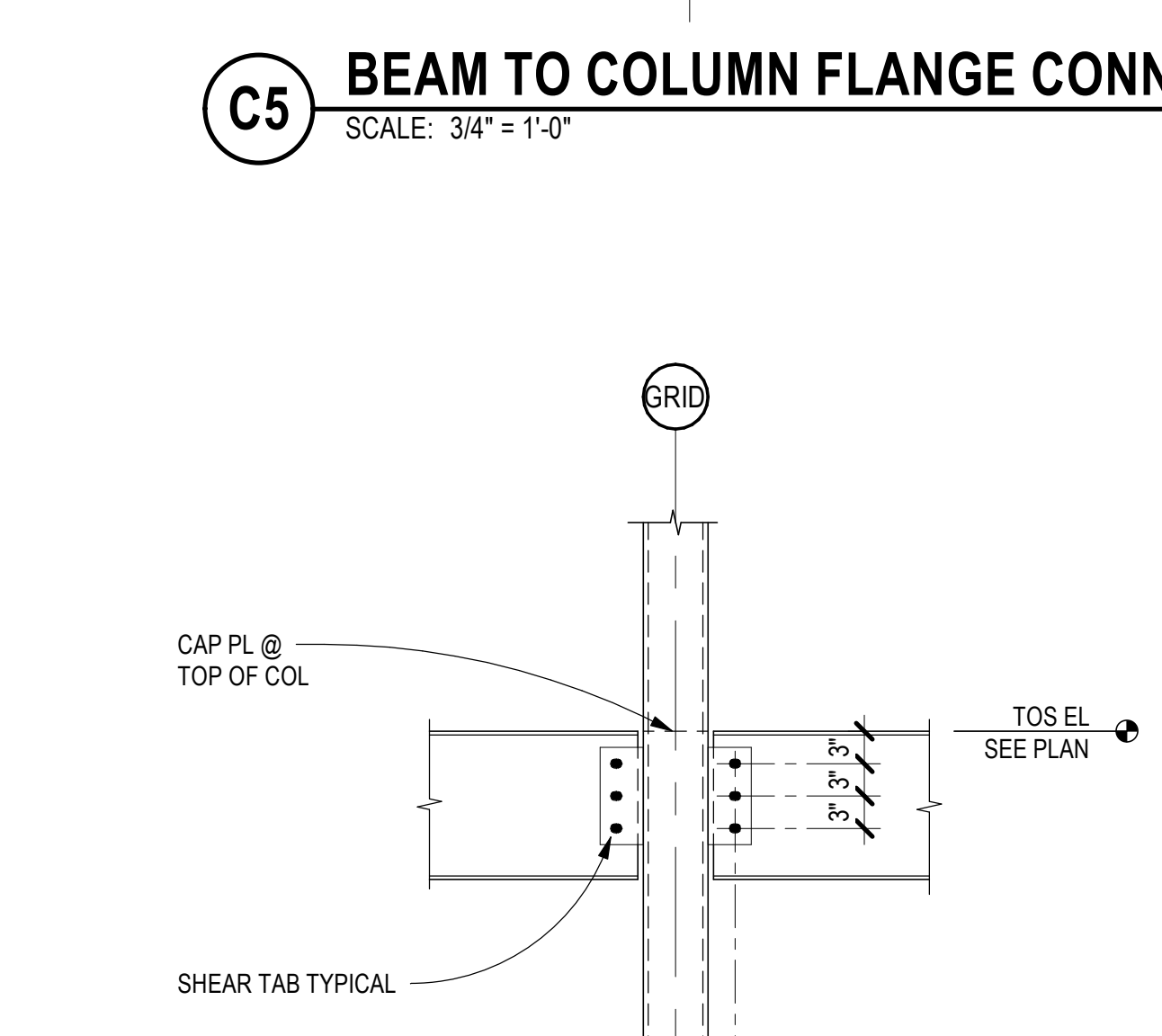
A4 BEAM TO COLUMN FLANGE CONN
SCALE: 3/4" = 1'-0"



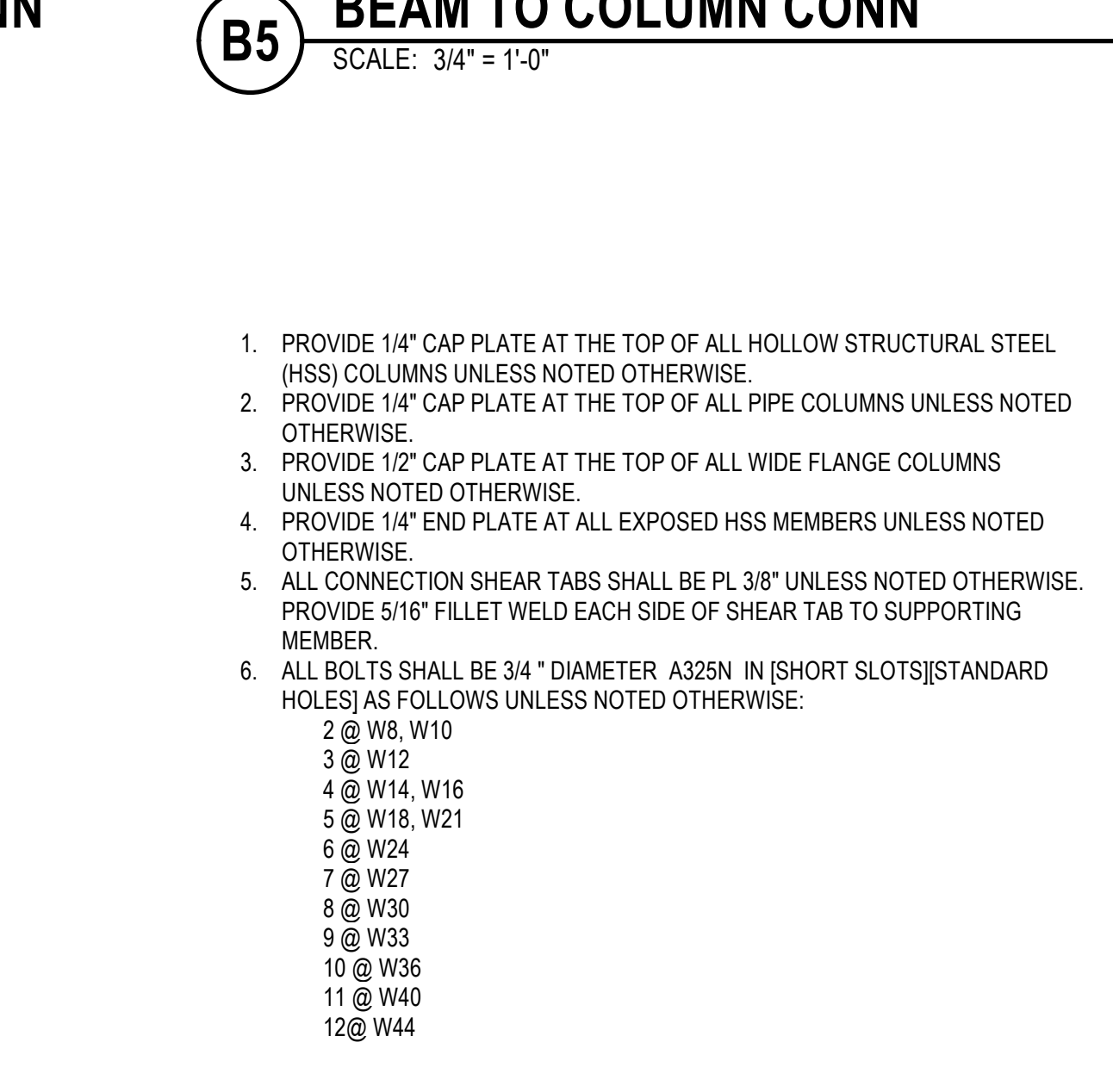
D5 BEAM TO COLUMN WEB CONN
SCALE: 3/4" = 1'-0"



C5 BEAM TO COLUMN FLANGE CONN
SCALE: 3/4" = 1'-0"

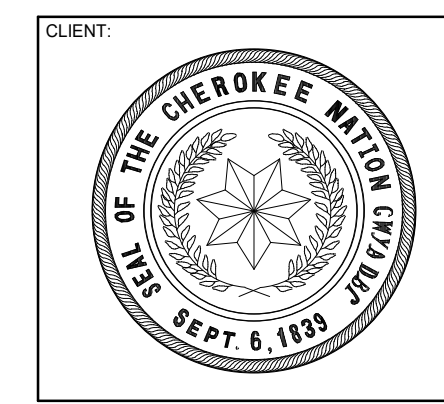


B5 BEAM TO COLUMN CONN
SCALE: 3/4" = 1'-0"



A5 TYPICAL STEEL CONN NOTES
SCALE: 3/4" = 1'-0"

PROFESSIONAL SEAL
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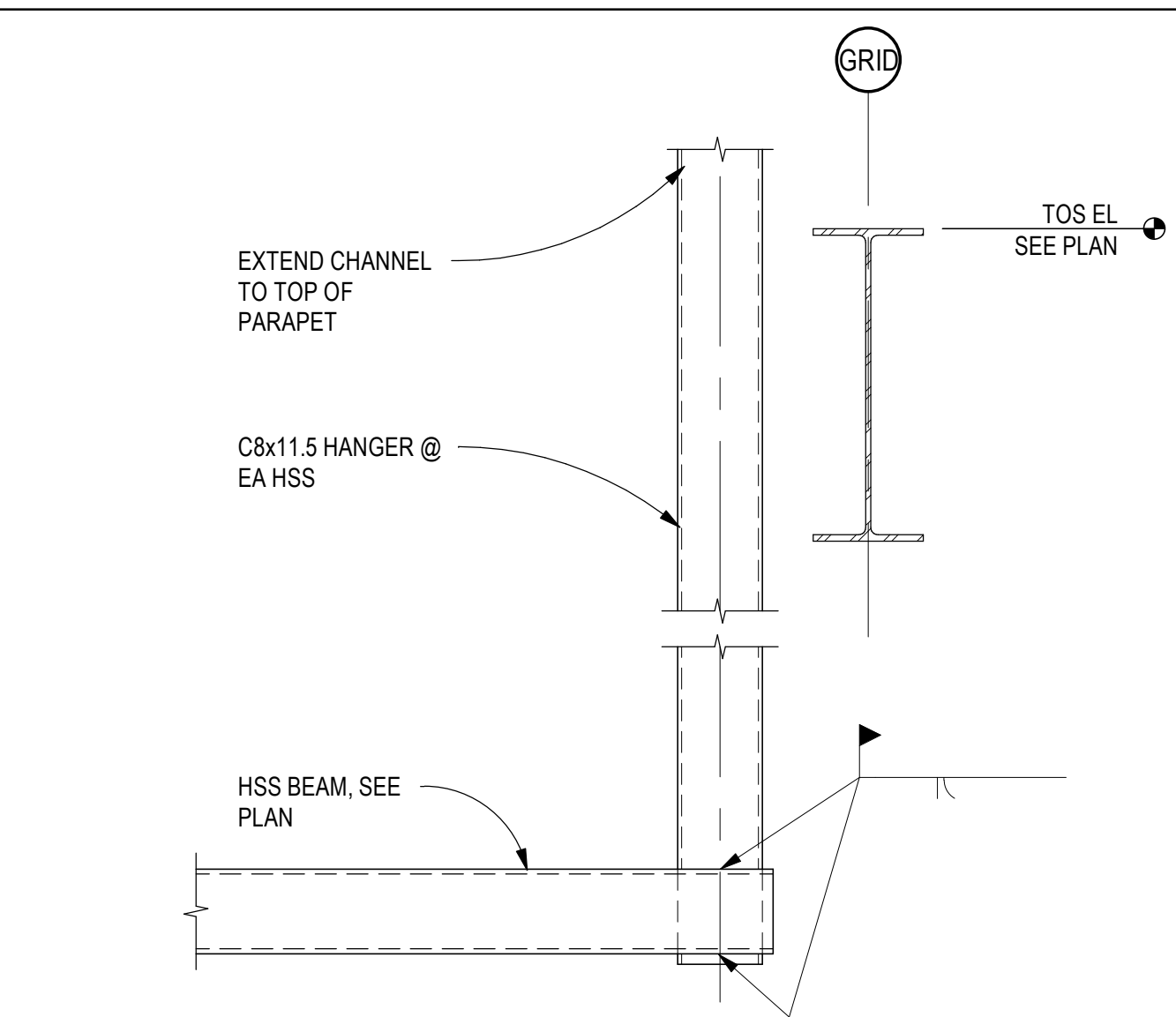
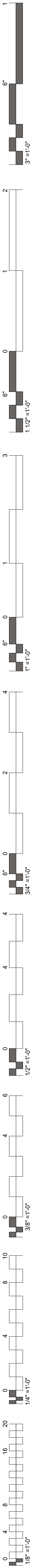


KEY PLAN

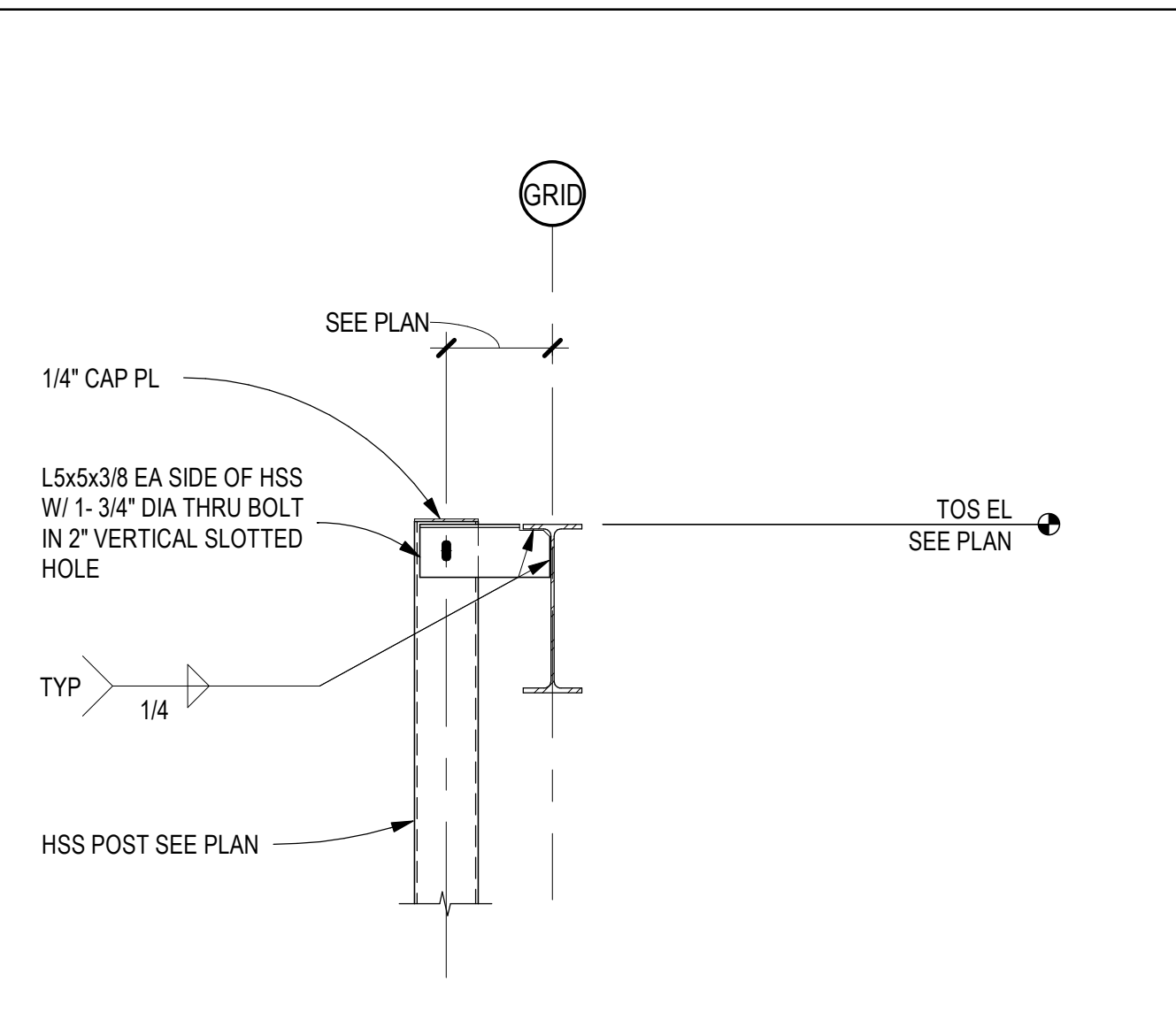
PROJECT PHASE
BULK STEEL PACKAGE
NOT FOR CONSTRUCTION

#	DATE	REVISIONS	DESCRIPTION

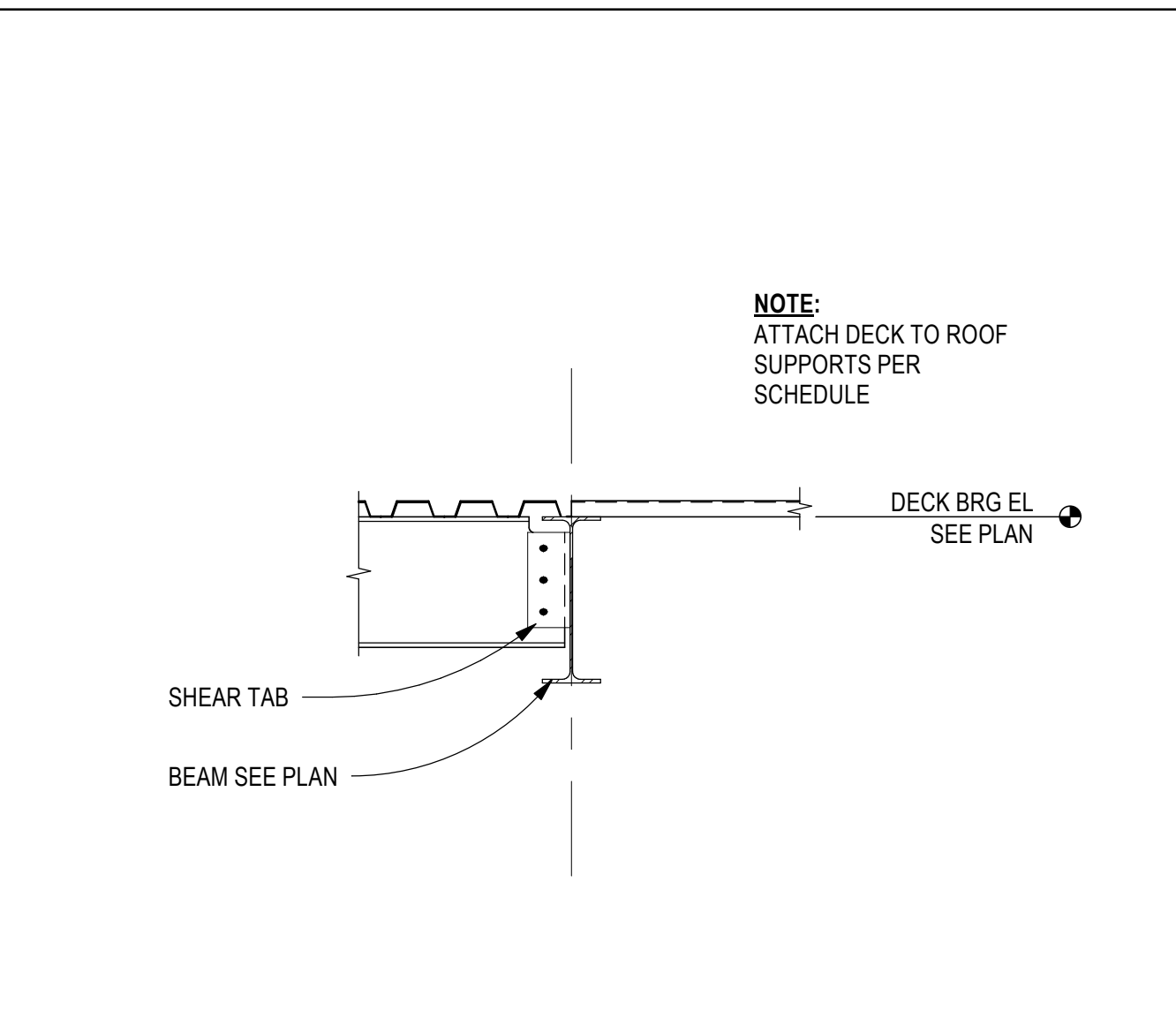
DATE: 03-15-19 JOB NUMBER: 17-13



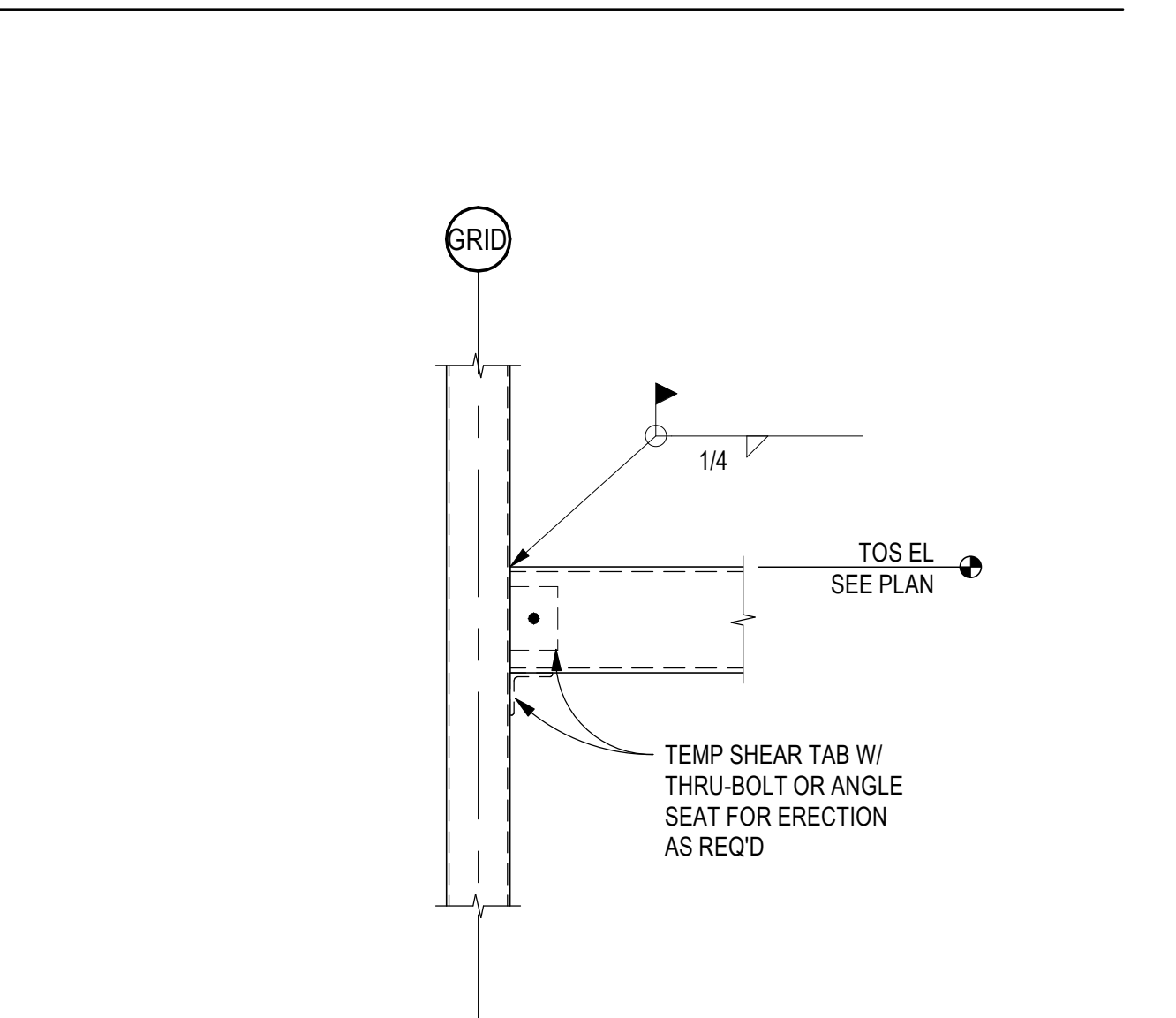
D2 HANGER AT CANOPY FRAMING
SCALE: 3/4" = 1'-0"



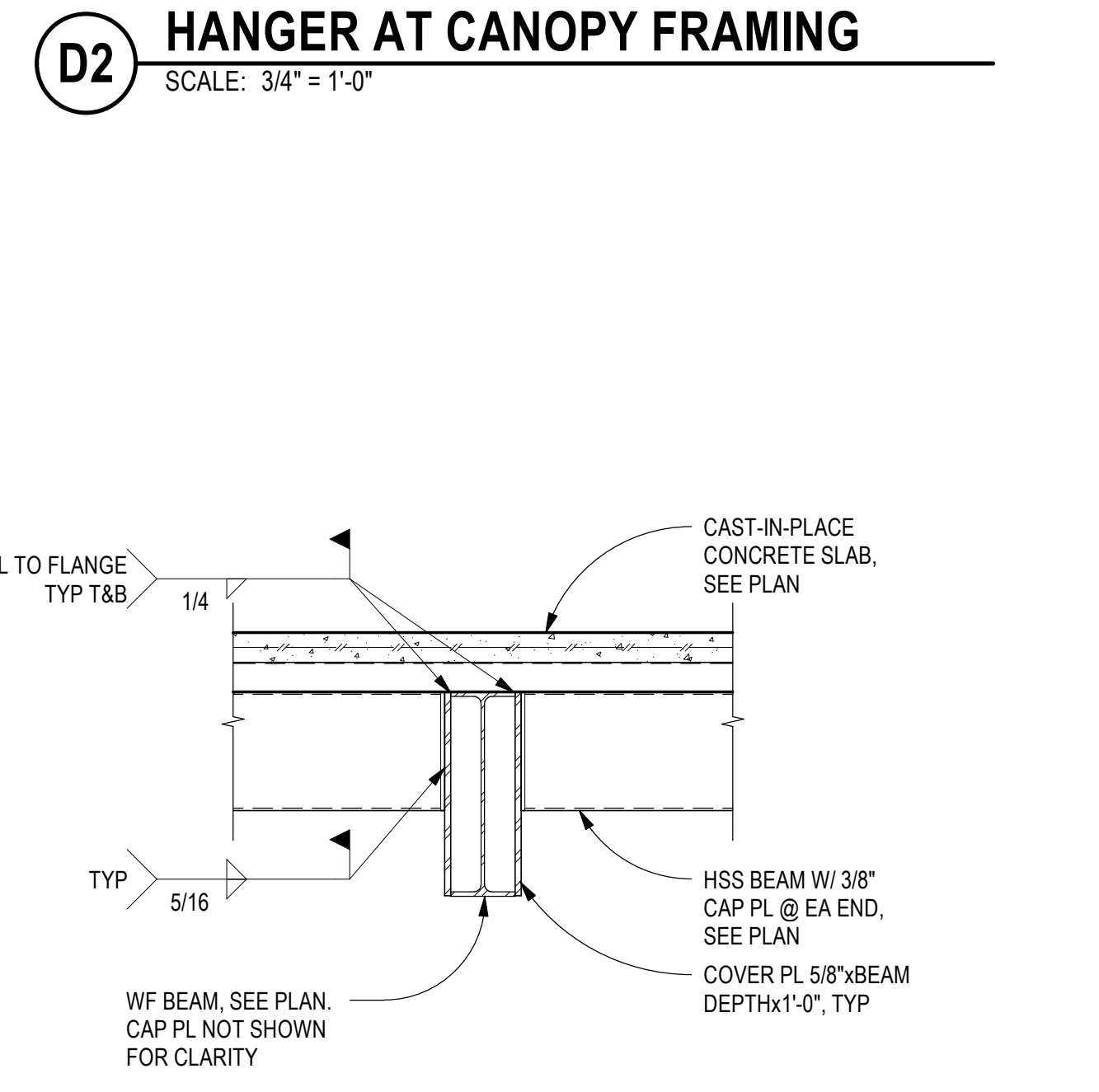
D3 TYPICAL POST TO ROOF BEAM CONN
SCALE: 3/4" = 1'-0"



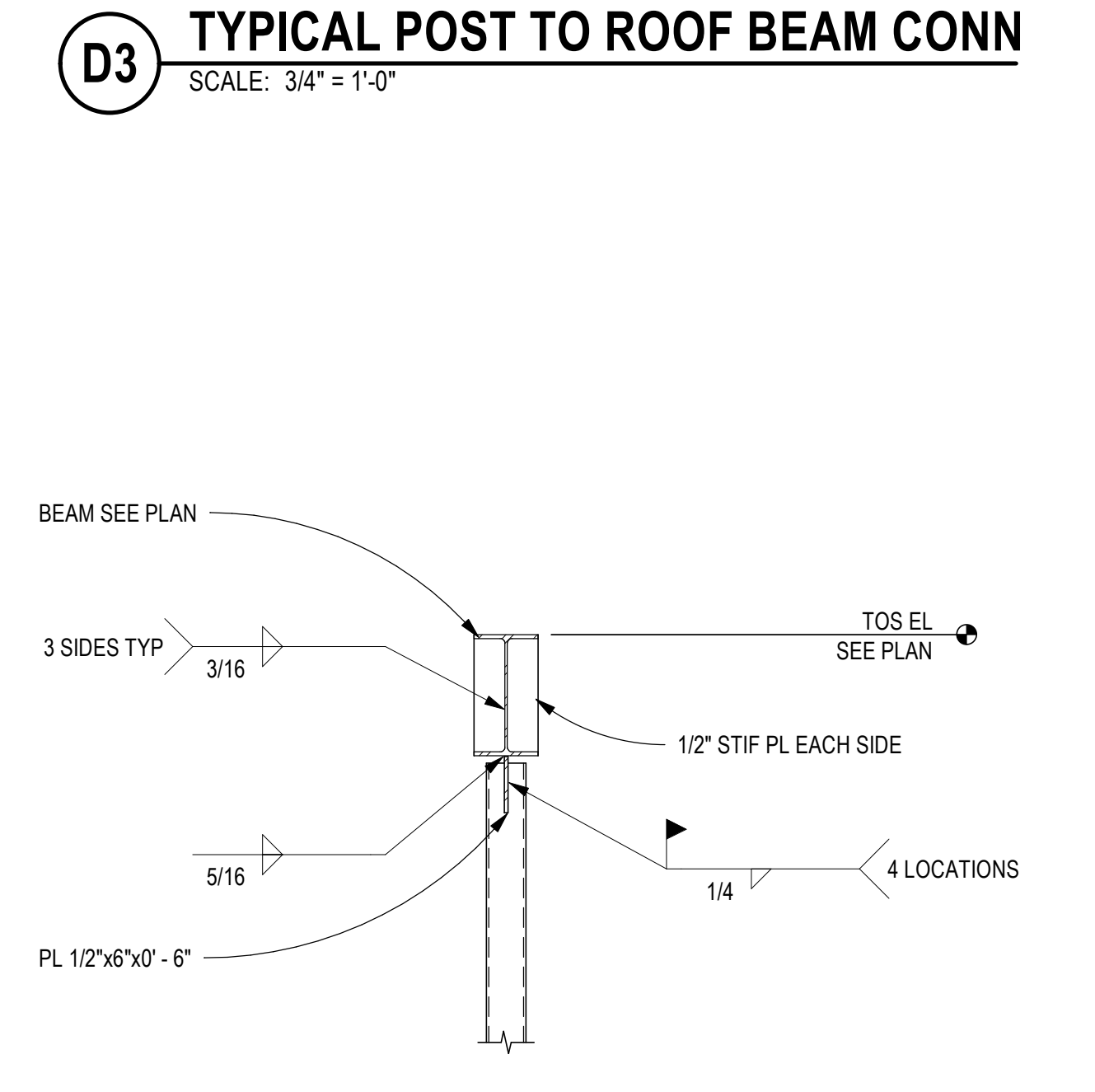
D4 ROOF DECK TRANSITION
SCALE: 3/4" = 1'-0"



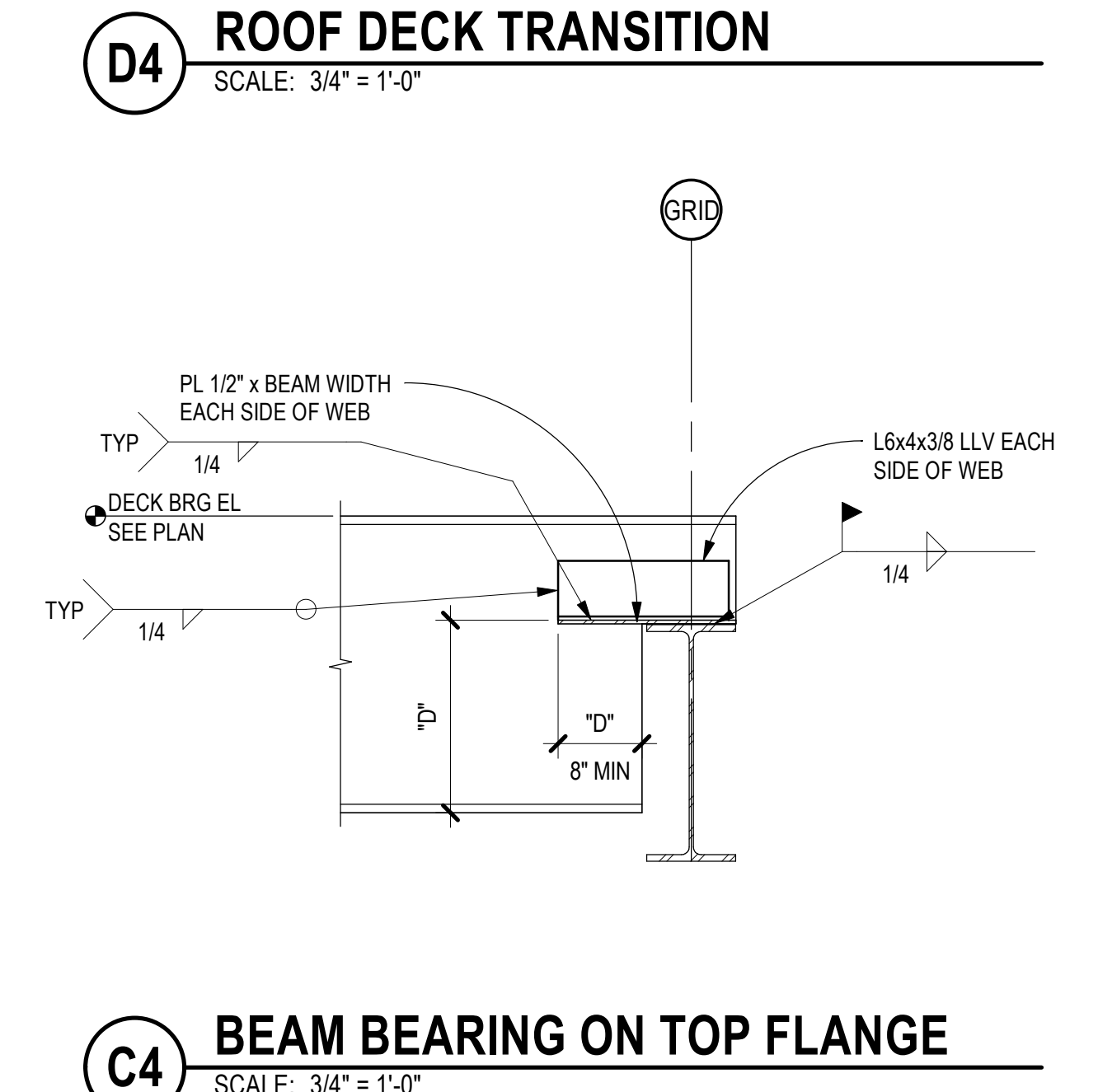
D5 HSS CONNECTION W/ PARTIAL FIXITY
SCALE: 3/4" = 1'-0"



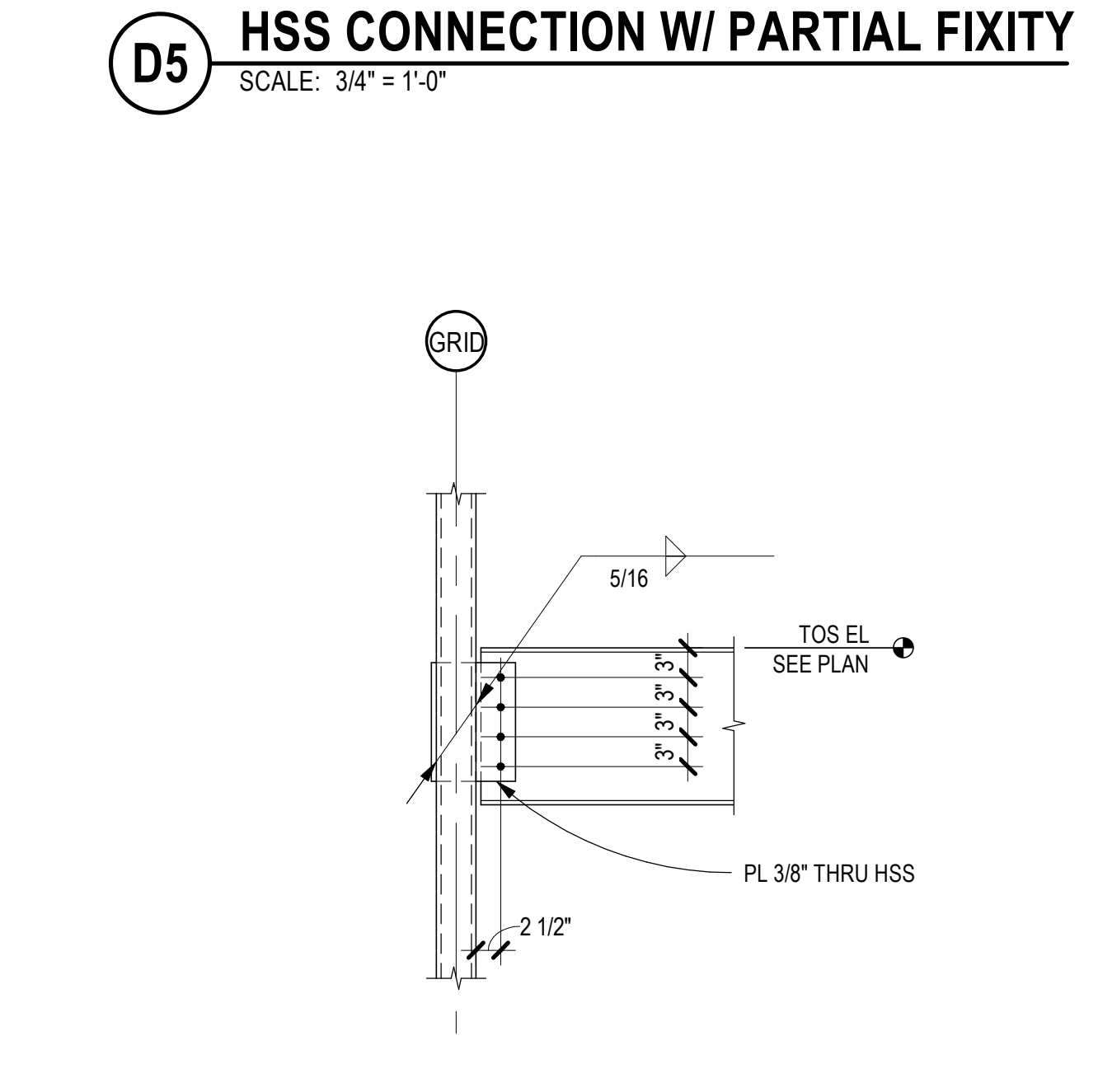
C2 HSS TO WF BEAM DETAIL
SCALE: 3/4" = 1'-0"



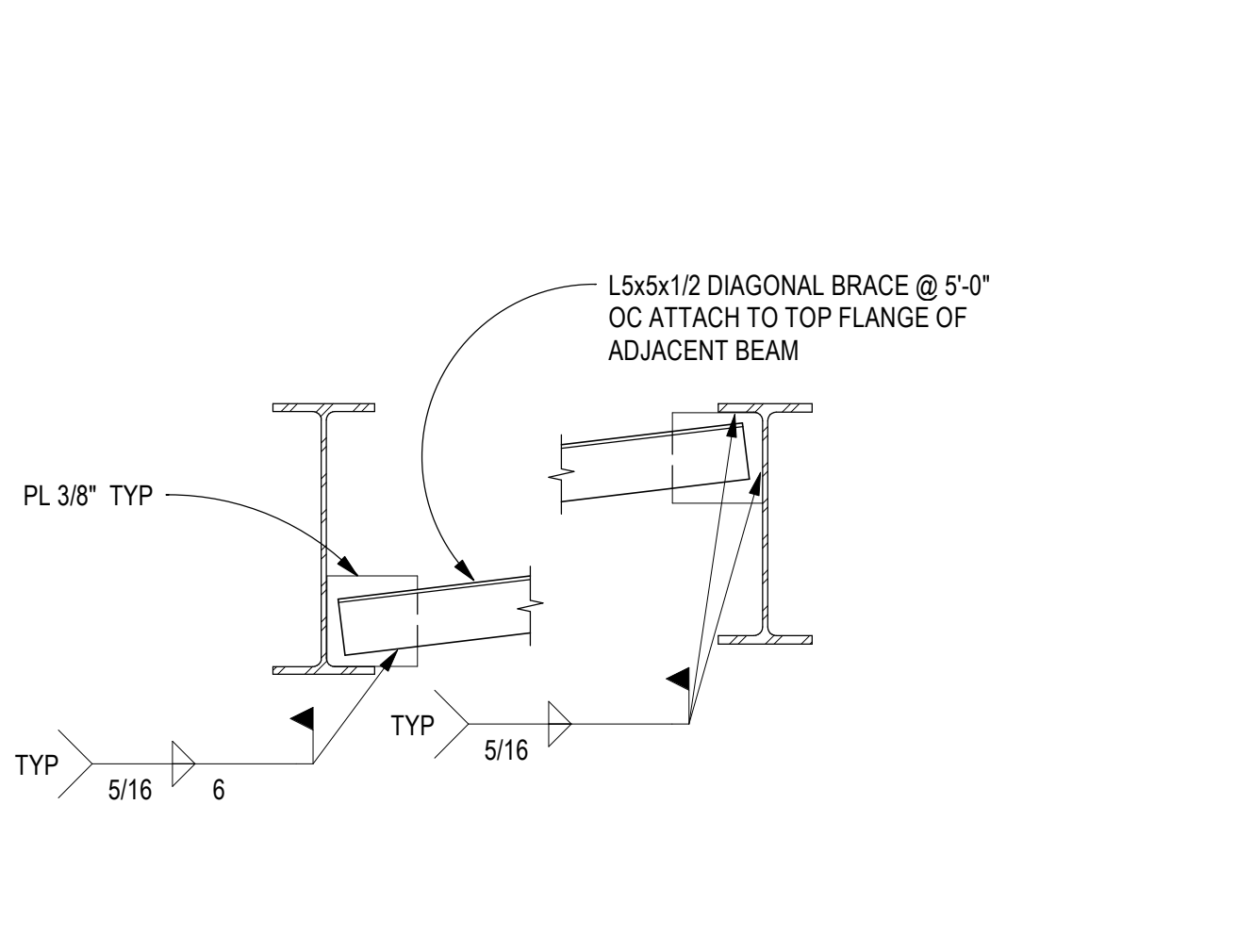
C3 HSS HANGER TO BEAM
SCALE: 3/4" = 1'-0"



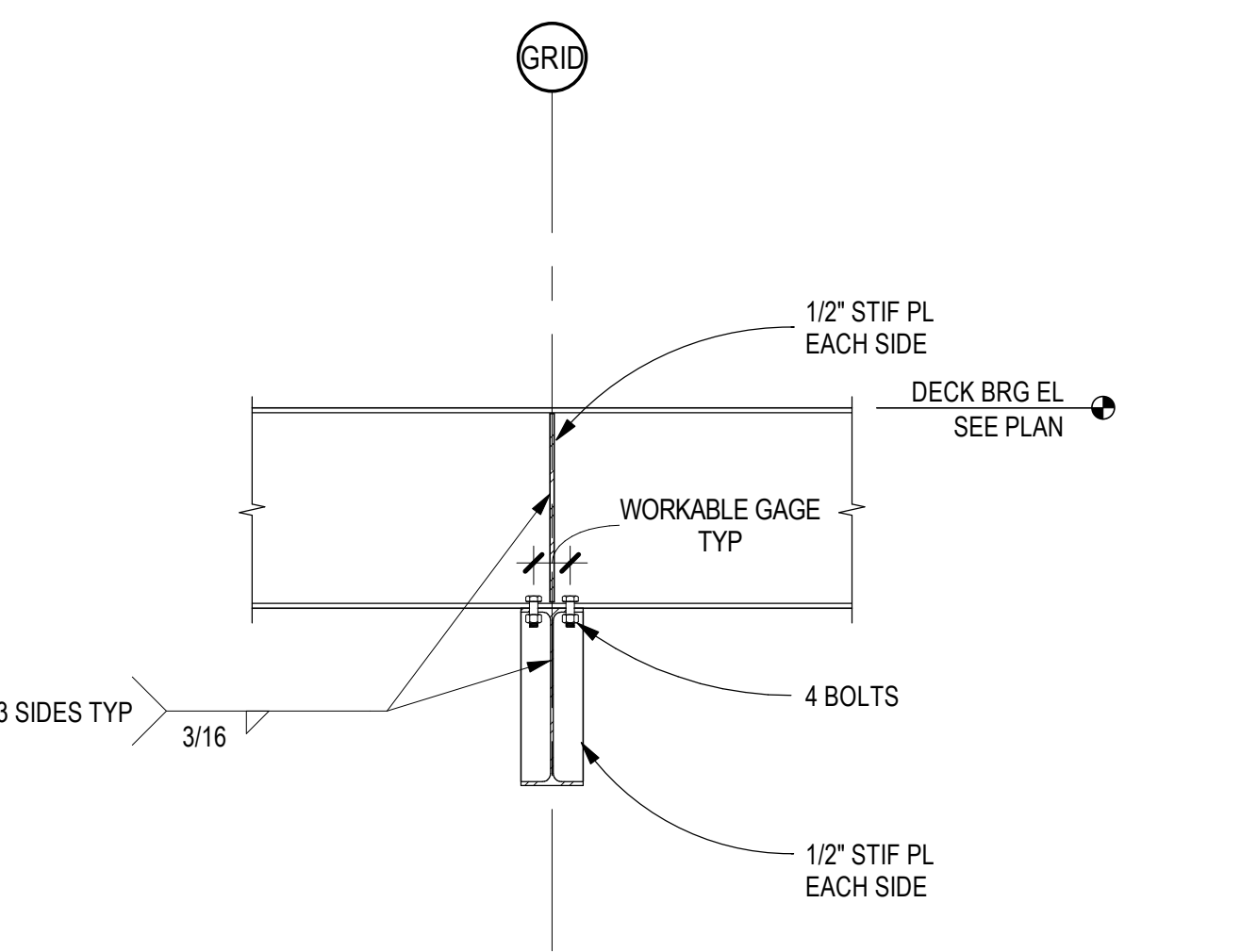
C4 BEAM BEARING ON TOP FLANGE
SCALE: 3/4" = 1'-0"



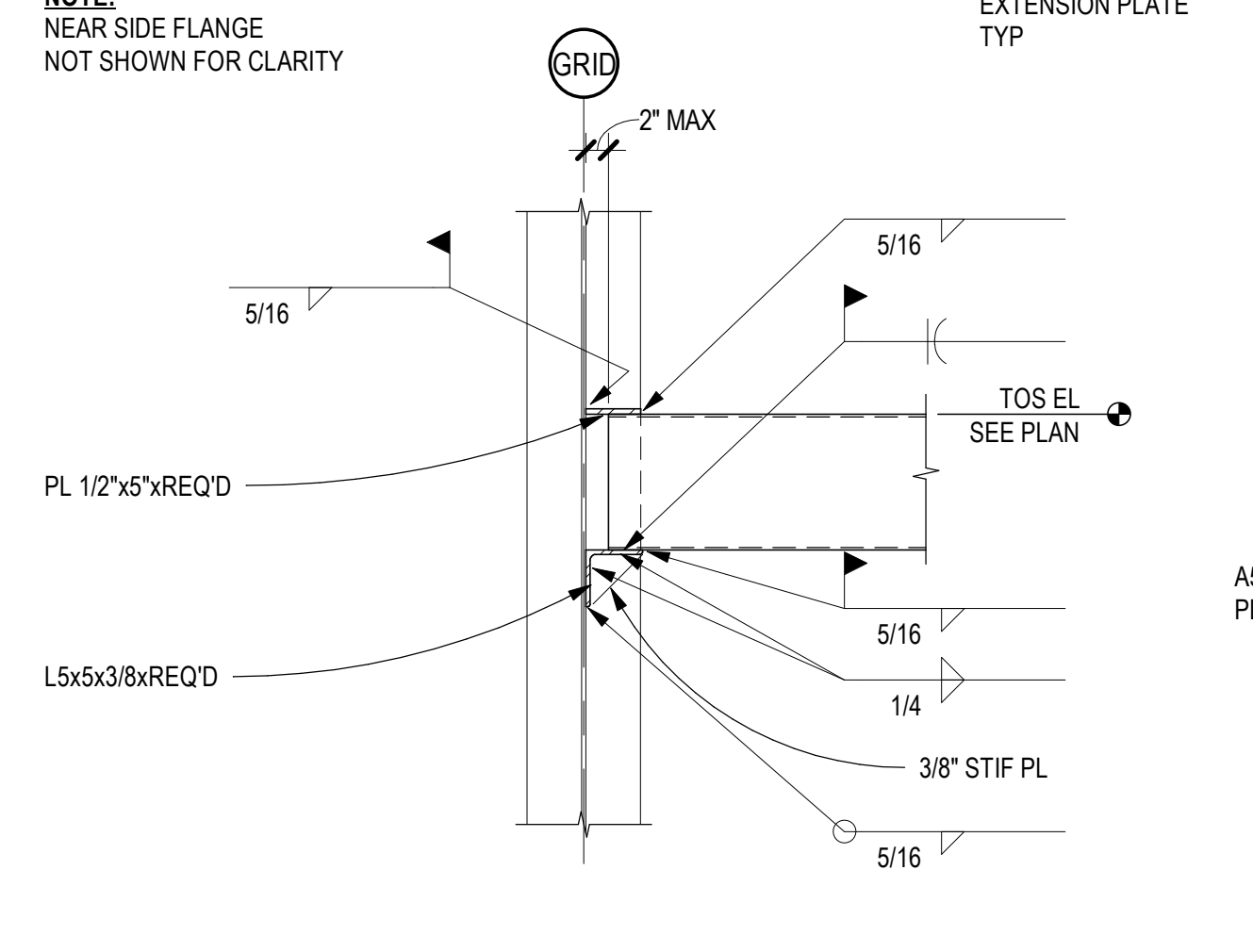
C5 BEAM TO HSS COL W/ THRU PL CONN
SCALE: 3/4" = 1'-0"



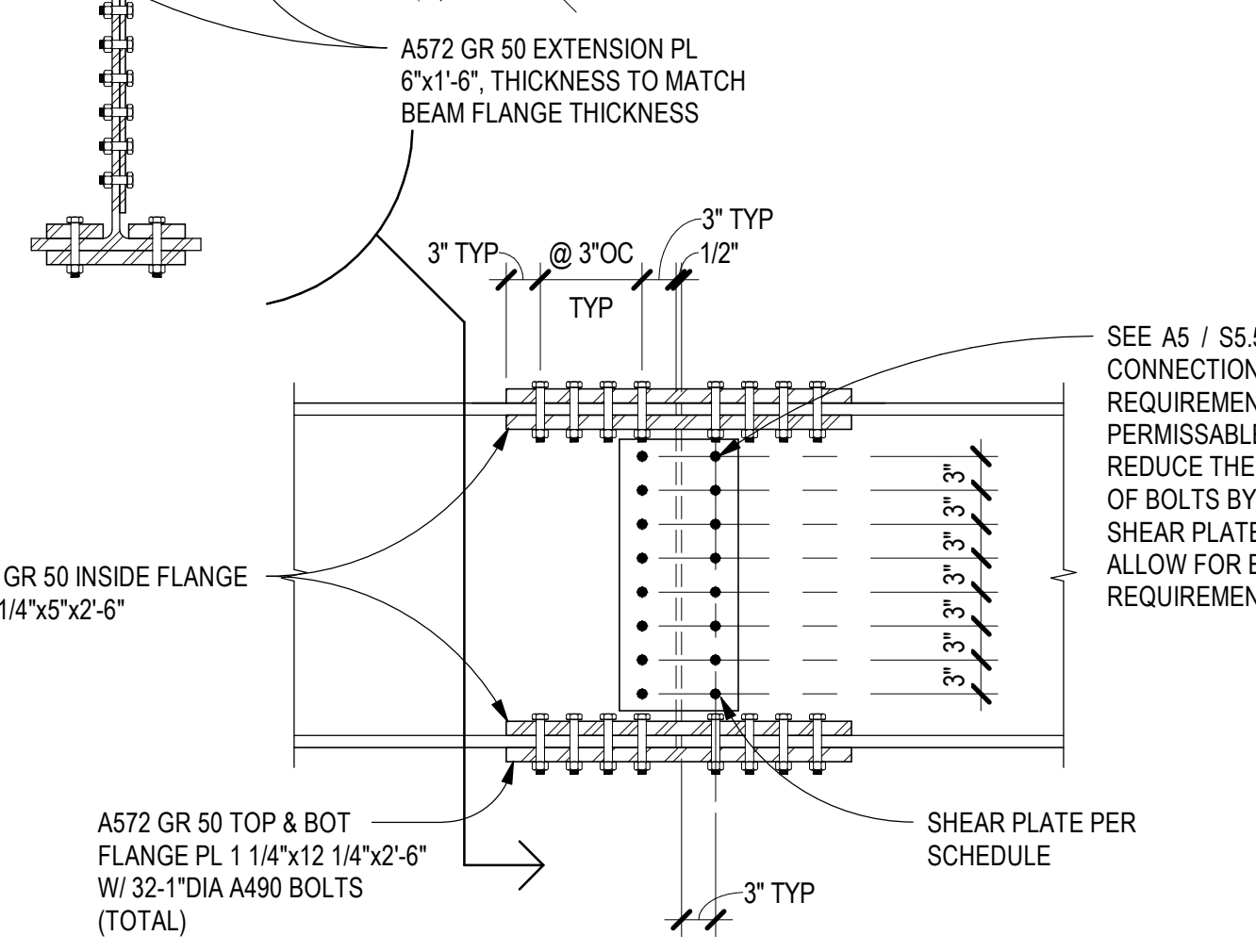
B1 DIAG ANGLE AT MOMENT (WUF) CONN
SCALE: 3/4" = 1'-0"



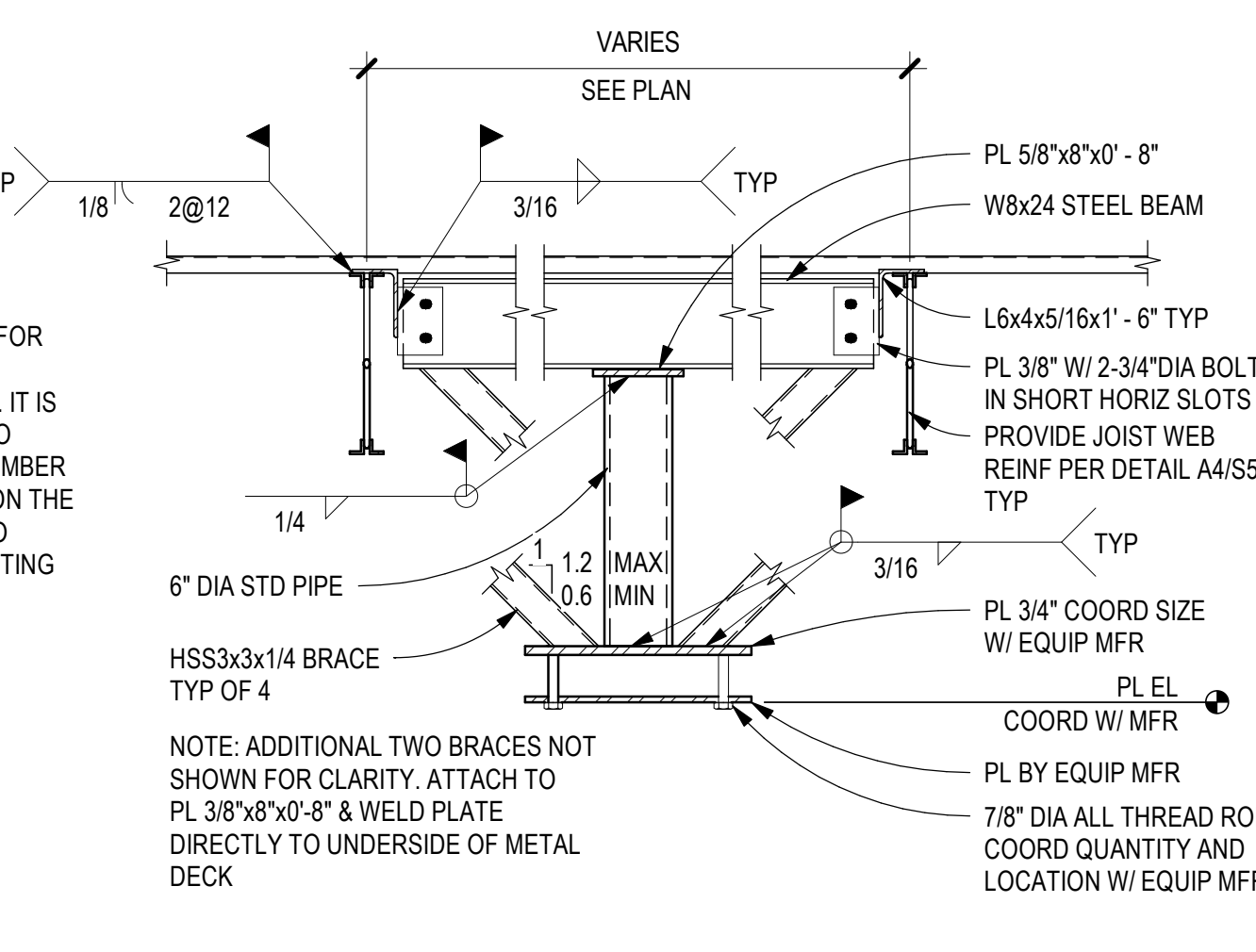
B2 BEAM OVER BEAM DETAIL
SCALE: 3/4" = 1'-0"



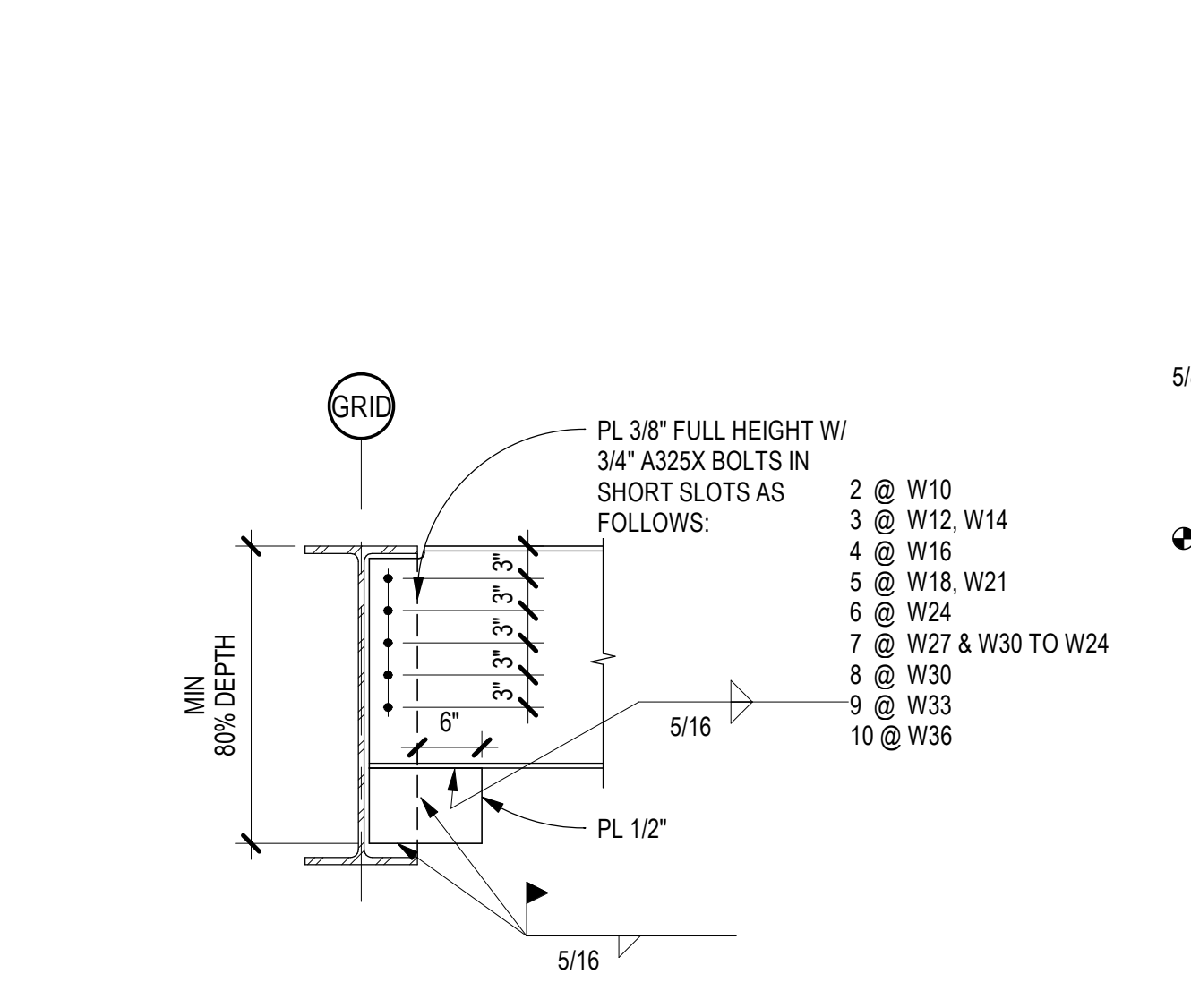
B3 HSS CONN W/ VERT & HORIZ LOAD
SCALE: 3/4" = 1'-0"



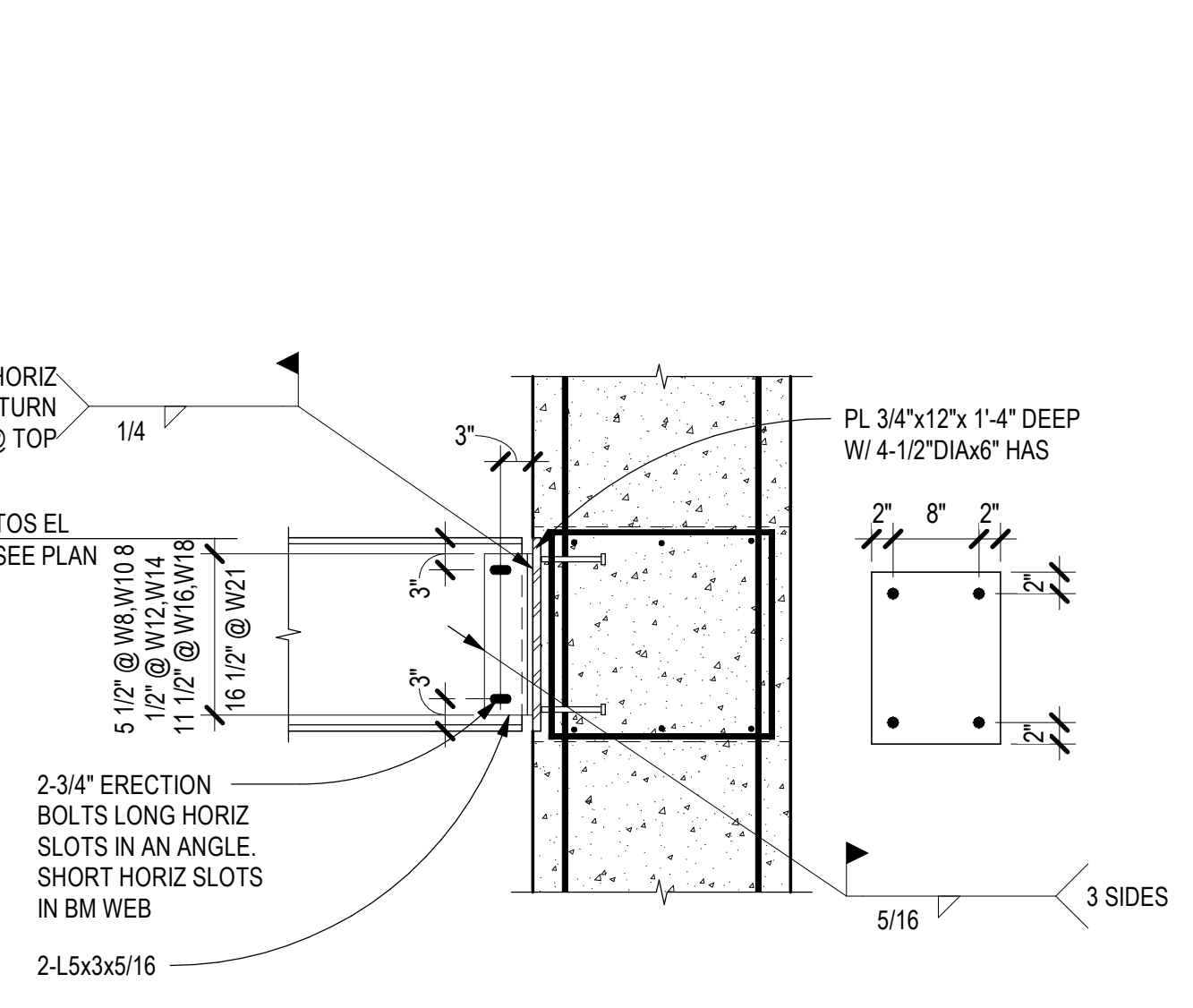
B4 WF BEAM SPLICE
SCALE: 3/4" = 1'-0"



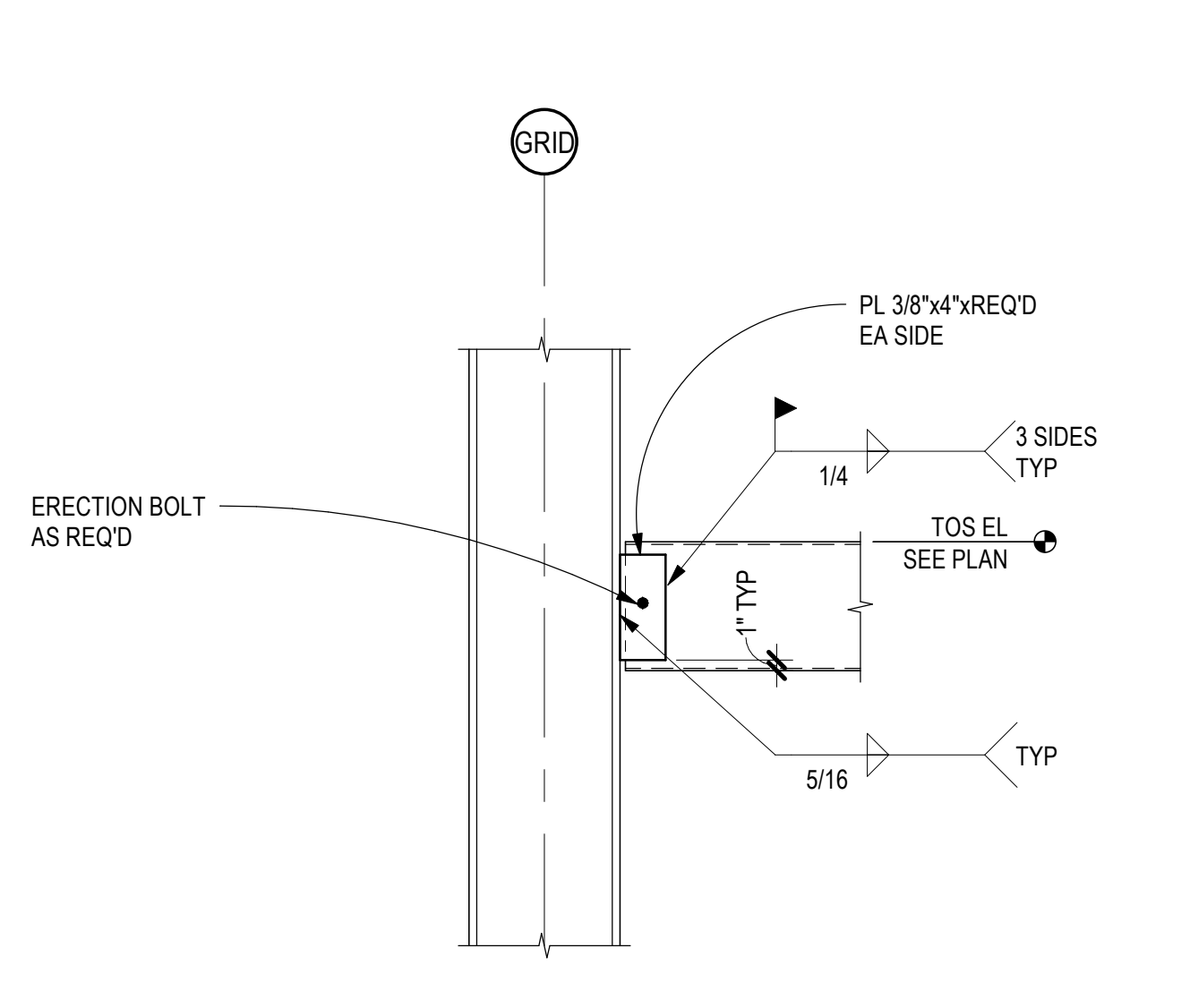
B5 SURGICAL LIGHT SUPPORT
SCALE: 3/4" = 1'-0"



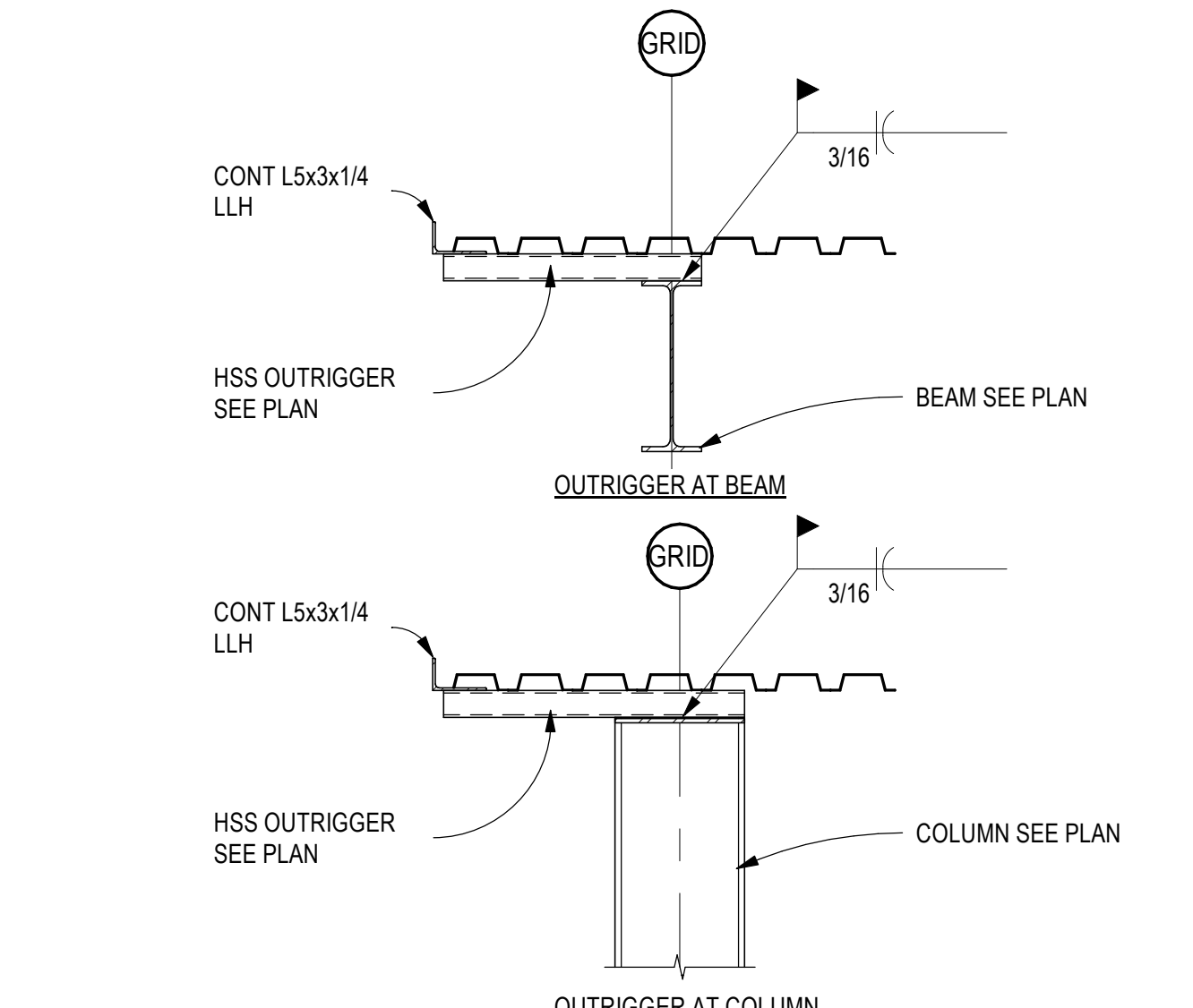
A1 BEAM CONN AT MOMENT (WUF) CONN
SCALE: 3/4" = 1'-0"



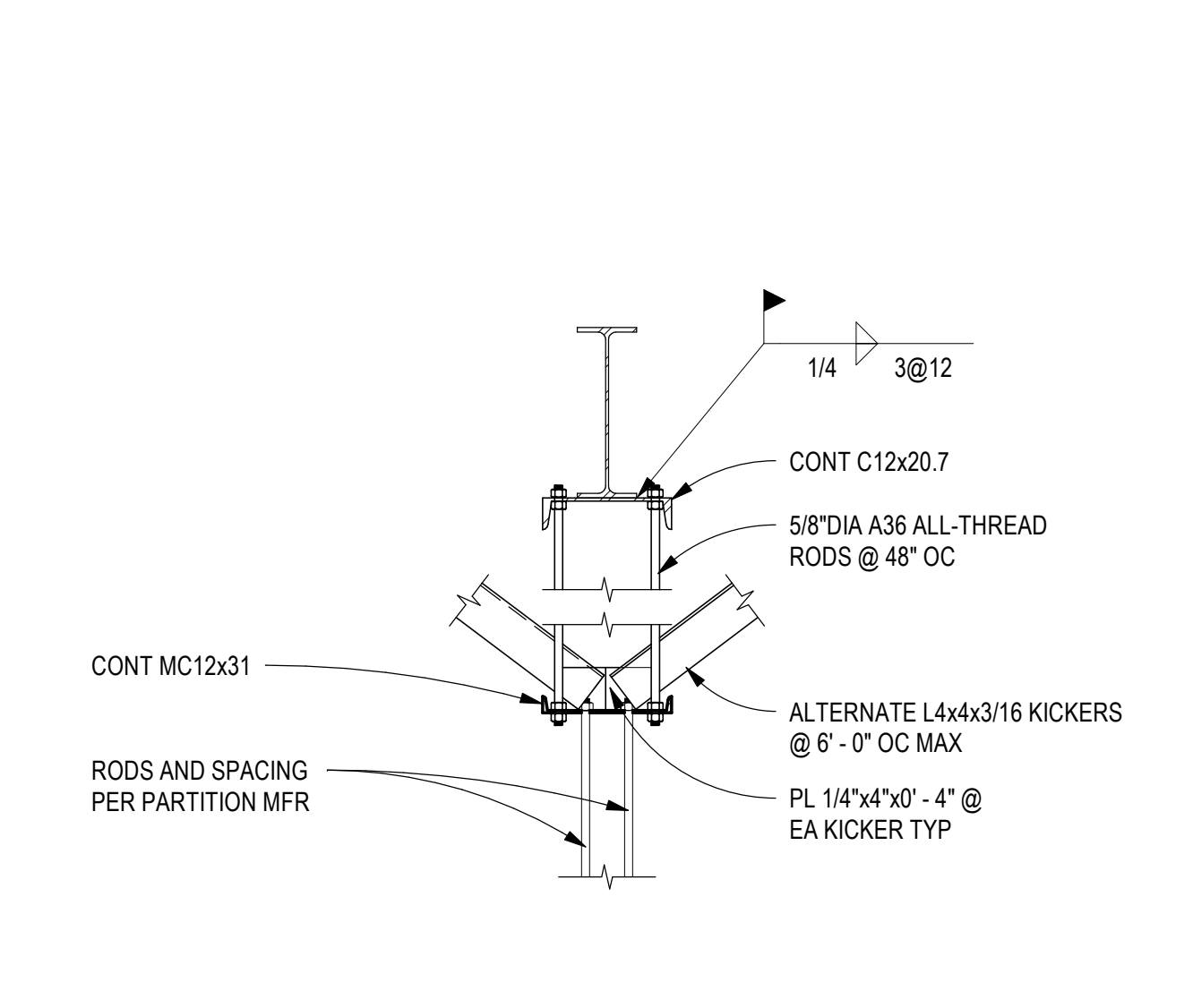
A2 BEAM TO CONC WALL DETAIL
SCALE: 3/4" = 1'-0"



A3 HSS CONN W/ VERT LOAD ONLY
SCALE: 3/4" = 1'-0"

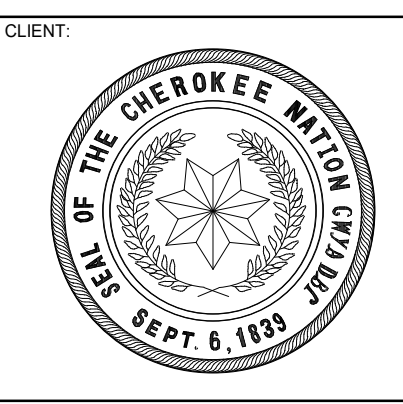


A4 ROOF OUTRIGGER DETAIL
SCALE: 3/4" = 1'-0"



A5 PARTITION SUPPORT SECTION
SCALE: 3/4" = 1'-0"

PROFESSIONAL SEAL
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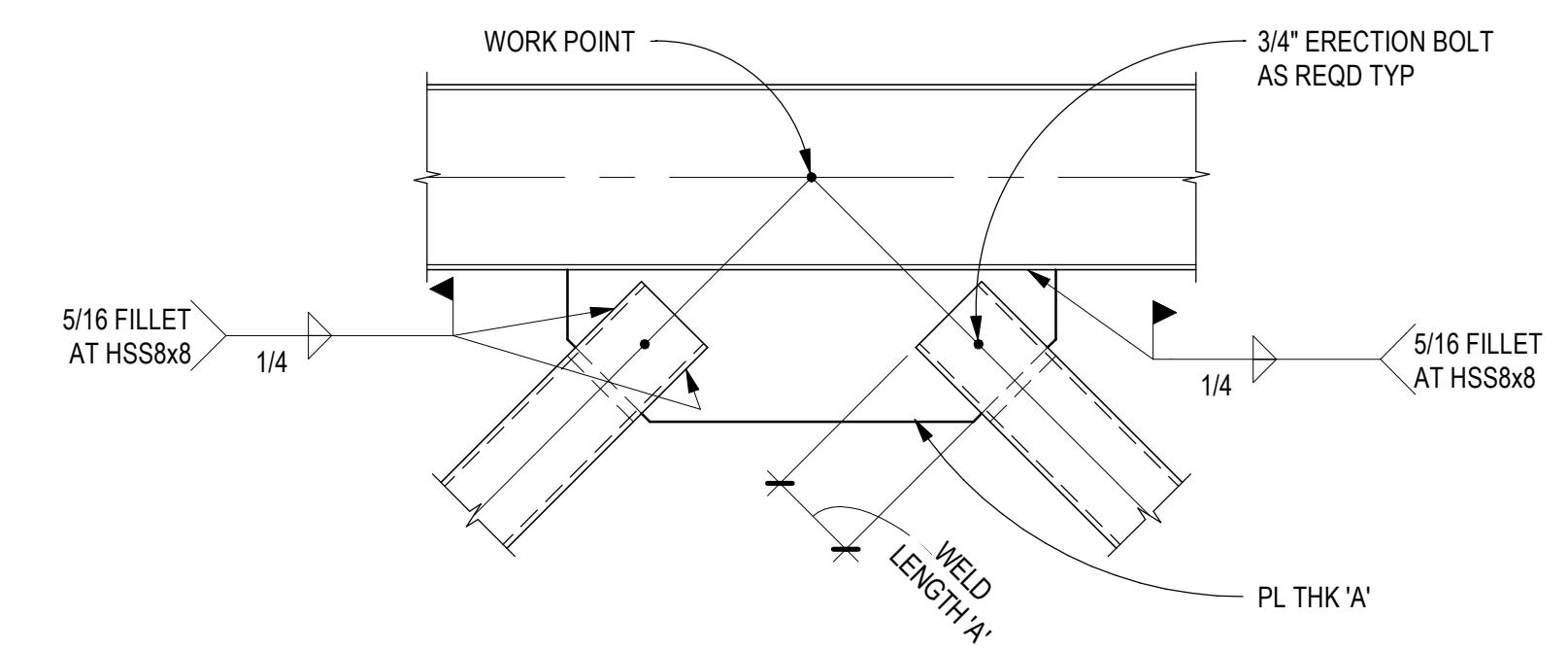
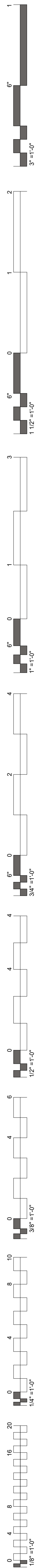
KEY PLAN

PROJECT PHASE:
BULK STEEL PACKAGE NOT FOR CONSTRUCTION

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DATE: 03-15-19 JOB NUMBER: 17-13

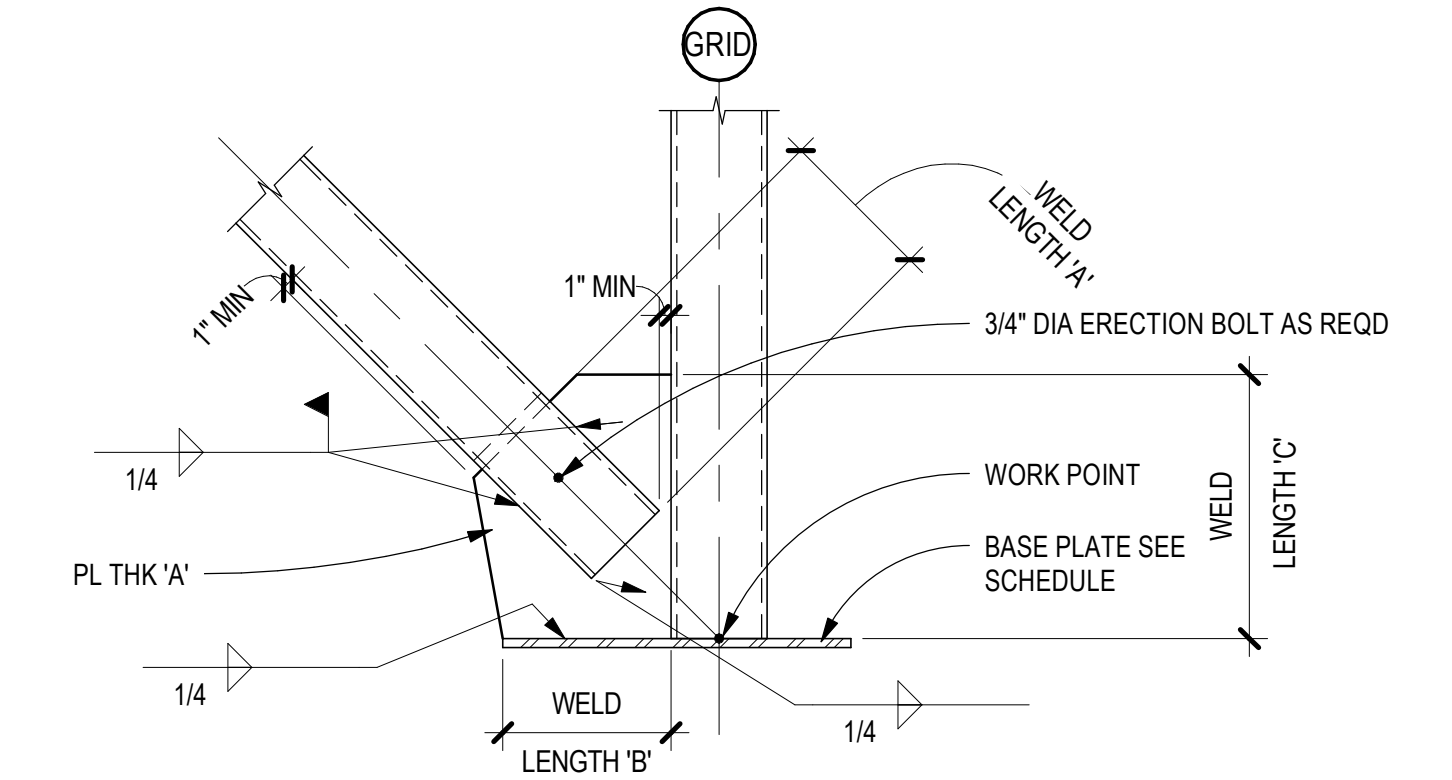
SHEET NUMBER: S5.52
STEEL DETAILS



CONNECTION SCHEDULE			
BRACE SIZE	PL THK 'A'	WELD LENGTH 'A'	WELD LENGTH 'B'
HSS5x5	5/8"	5"	5"

- NOTES**
1. LENGTHS GIVEN ARE SINGLE-SIDE LENGTHS AND MINIMUM REQUIRED LENGTHS
 2. LONGER GUSSET/WELD LENGTHS MAY BE REQ'D WHERE BRACE SLOPE VARIES FROM 1:1
 3. BRACE AND GUSSET CONNECTION CAN OCCUR ON TOP AND BOTTOM FRANGES

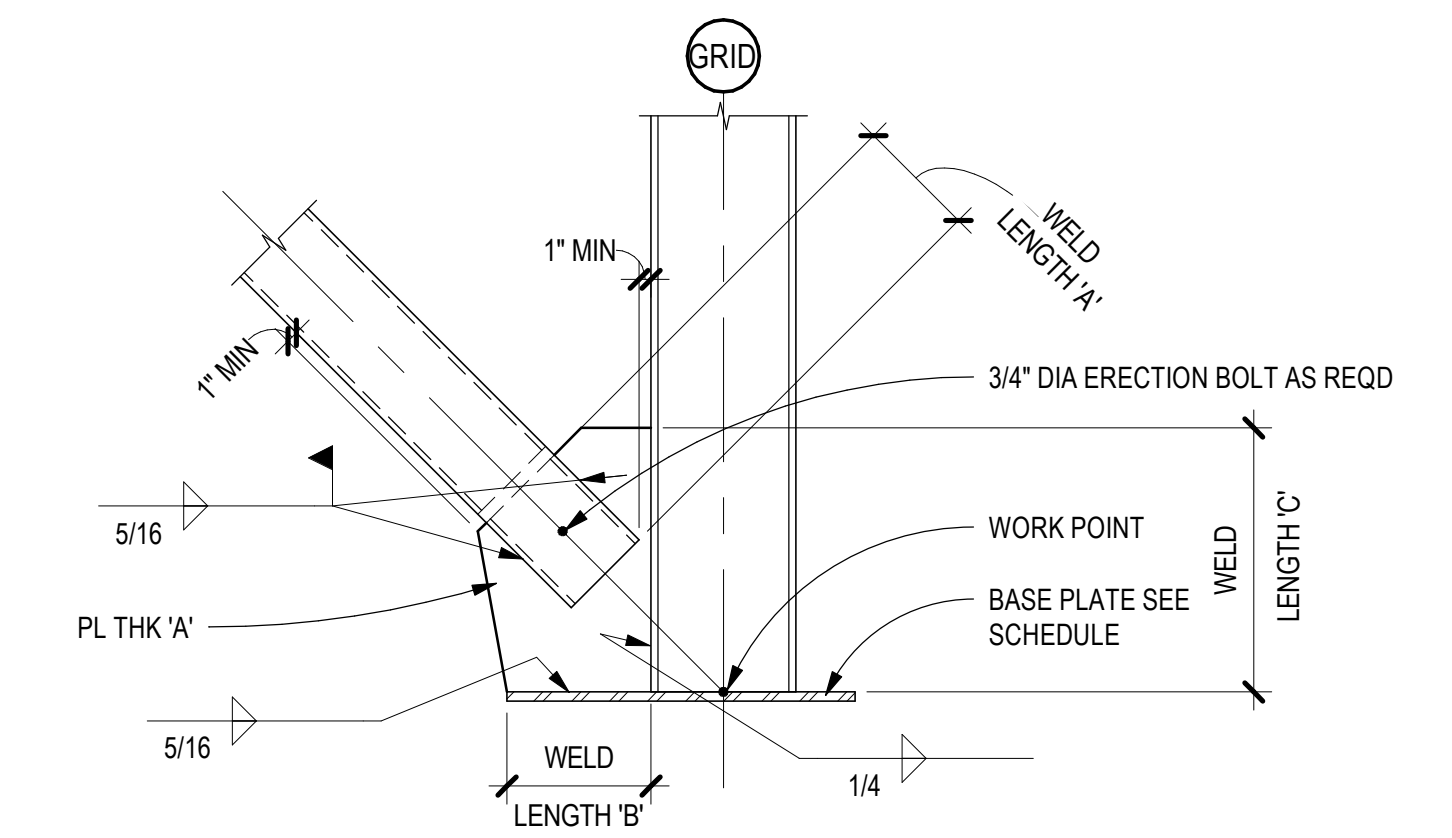
D5 BRACED FRAME CONNECTION
SCALE: 3/4" = 1'-0"



CONNECTION SCHEDULE				
BRACE SIZE	PL THK 'A'	WELD LENGTH 'A'	WELD LENGTH 'B'	WELD LENGTH 'C'
HSS5x5	5/8"	5"	12"	12"

- NOTES**
1. LENGTHS GIVEN ARE SINGLE-SIDE LENGTHS AND MINIMUM LENGTHS
 2. LONGER GUSSET/WELD LENGTHS MAY BE REQ'D WHERE BRACE SLOPE VARIES FROM 1:1

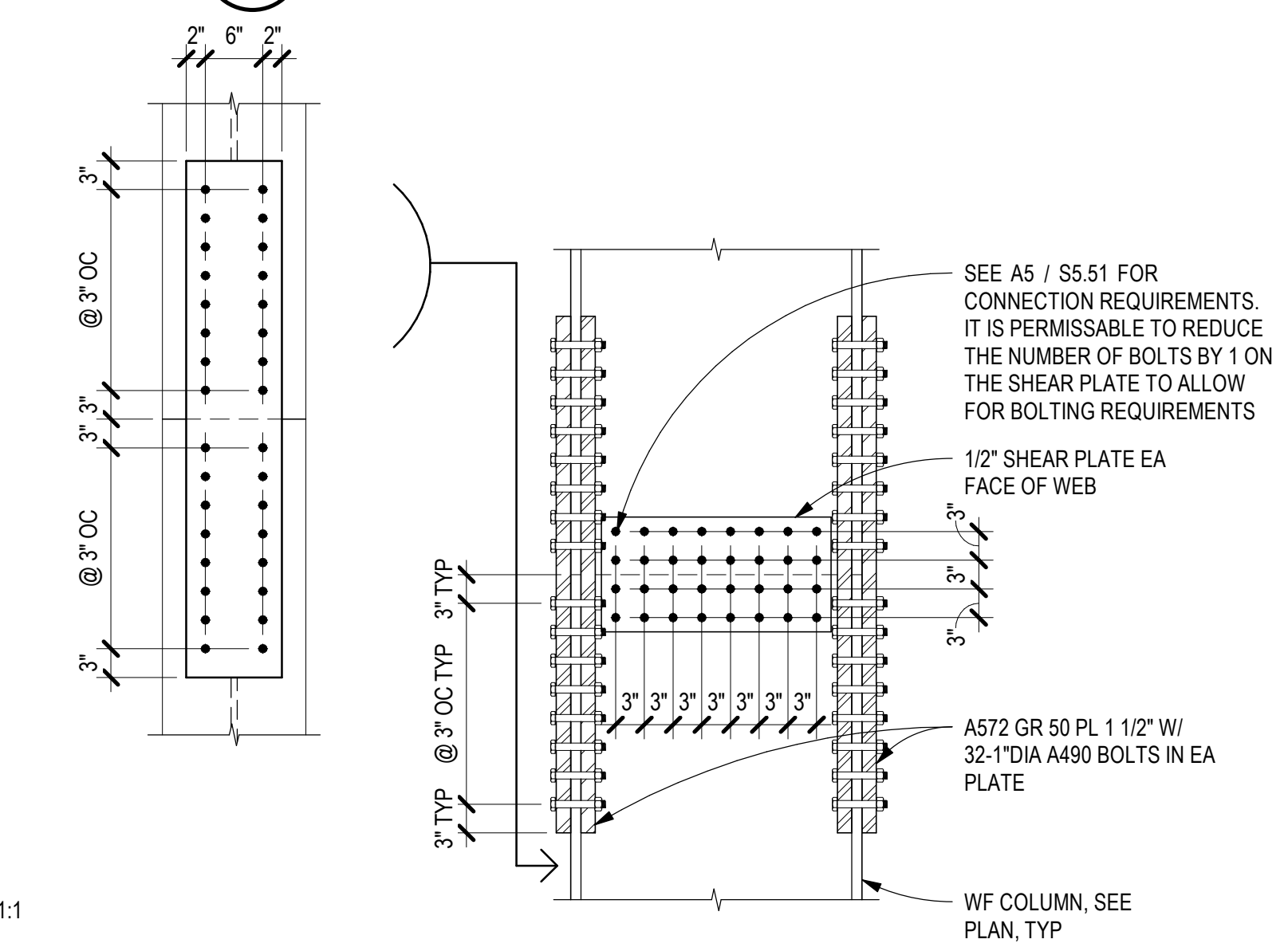
C5 BRACED FRAME CONNECTION
SCALE: 3/4" = 1'-0"



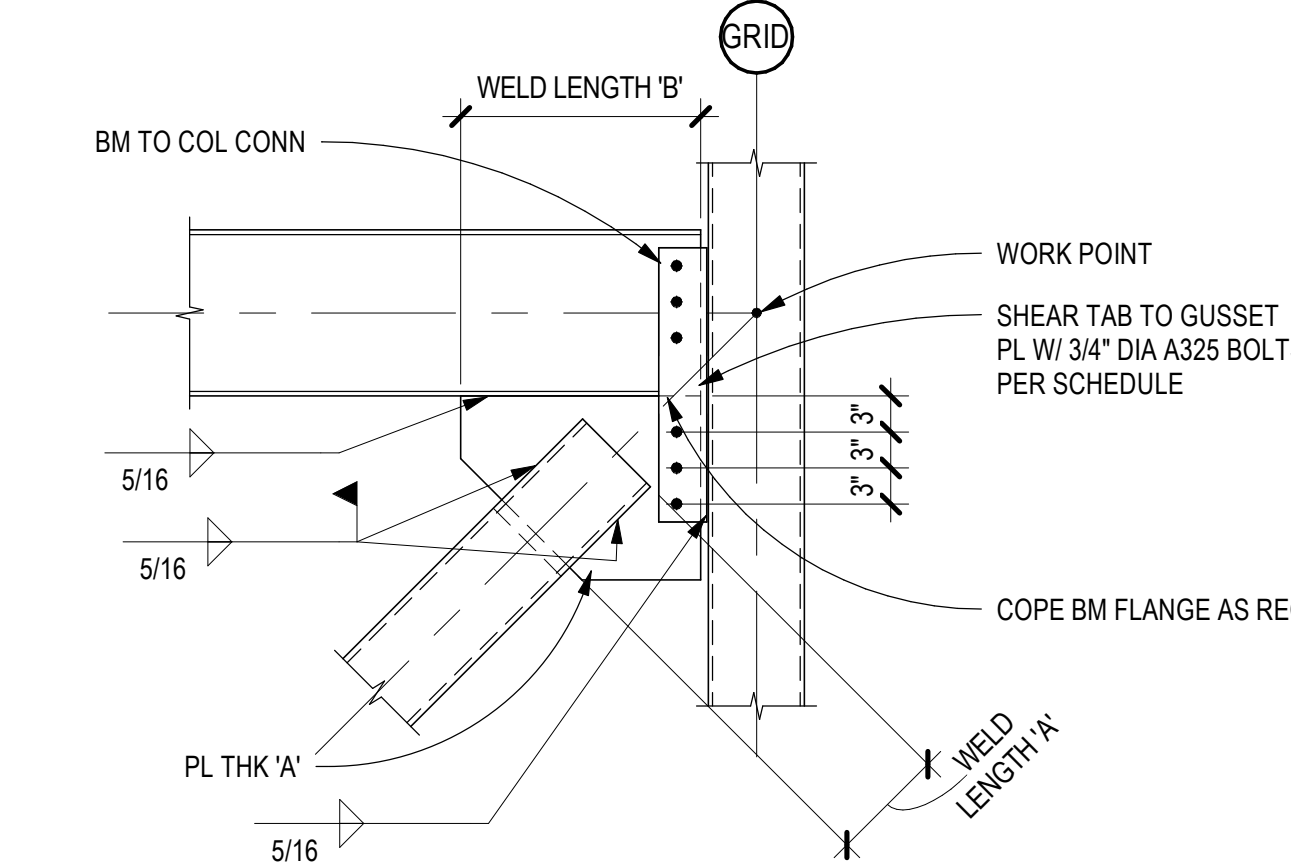
CONNECTION SCHEDULE				
BRACE SIZE	PL THK 'A'	WELD LENGTH 'A'	WELD LENGTH 'B'	WELD LENGTH 'C'
HSS5x5	5/8"	5"	12"	12"

- NOTES**
1. LENGTHS GIVEN ARE SINGLE-SIDE LENGTHS AND MINIMUM LENGTHS
 2. LONGER GUSSET/WELD LENGTHS MAY BE REQ'D WHERE BRACE SLOPE VARIES FROM 1:1

B5 BRACED FRAME CONNECTION
SCALE: 3/4" = 1'-0"



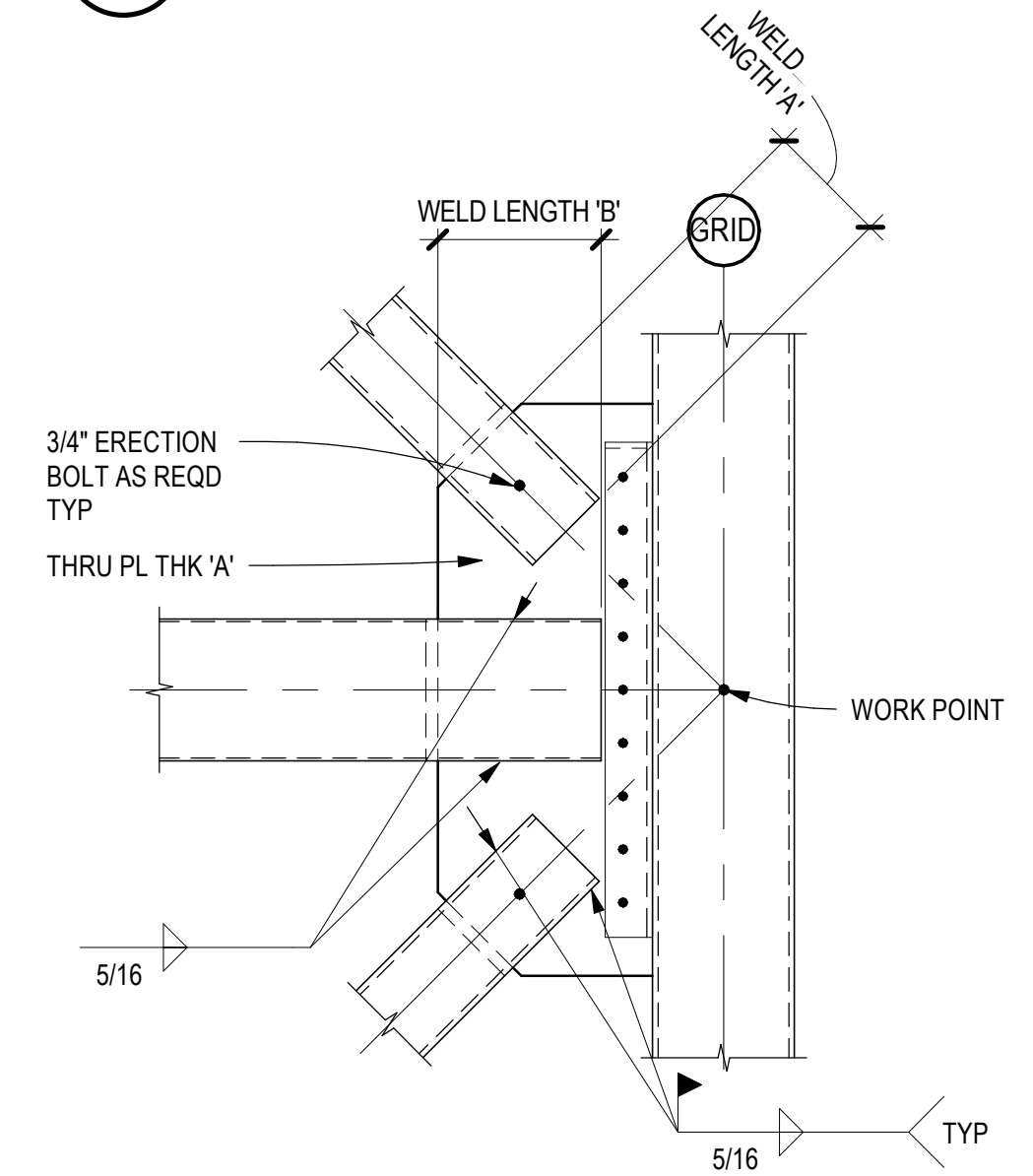
A5 BOLTED WF COLUMN SPLICE
SCALE: 3/4" = 1'-0"



CONNECTION SCHEDULE				
BRACE SIZE	PL THK 'A'	WELD LENGTH 'A'	WELD LENGTH 'B'	GUSSET PL BOLTS
HSS4x4	5/8"	4"	20"	3
HSS5x5	5/8"	5"	20"	3
HSS6x6	5/8"	6"	22"	3
HSS8x8	3/4"	8"	24"	4
HSS12x8	1"	12"	28"	5

- NOTES**
1. LENGTHS GIVEN ARE SINGLE-SIDE LENGTHS AND MINIMUM LENGTHS
 2. LONGER GUSSET/WELD LENGTHS MAY BE REQ'D WHERE BRACE SLOPE VARIES FROM 1:1
 3. ALL BOLTS IN STANDARD HOLES

B4 BRACED FRAME CONNECTION
SCALE: 3/4" = 1'-0"

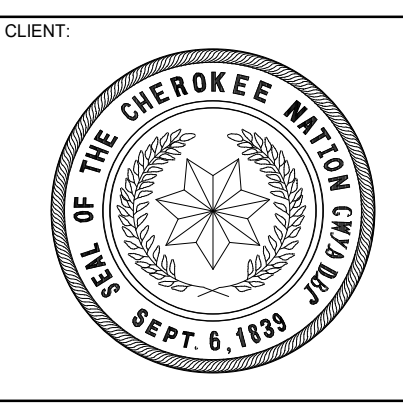


CONNECTION SCHEDULE			
BRACE SIZE	PL THK 'A'	WELD LENGTH 'A'	WELD LENGTH 'B'
HSS5x5	3/4"	5"	---
HSS6x6	1"	6"	---

- NOTES**
1. LENGTHS GIVEN ARE SINGLE-SIDE LENGTHS AND MINIMUM LENGTHS
 2. LONGER GUSSET/WELD LENGTHS MAY BE REQ'D WHERE BRACE SLOPE VARIES FROM 1:1
 3. BRACE AND GUSSET CONNECTION CAN OCCUR ON SIDES OF COLUMN
 4. ALL BOLTS IN STANDARD HOLES

A4 BRACED FRAME CONNECTION
SCALE: 3/4" = 1'-0"

PROFESSIONAL SEAL
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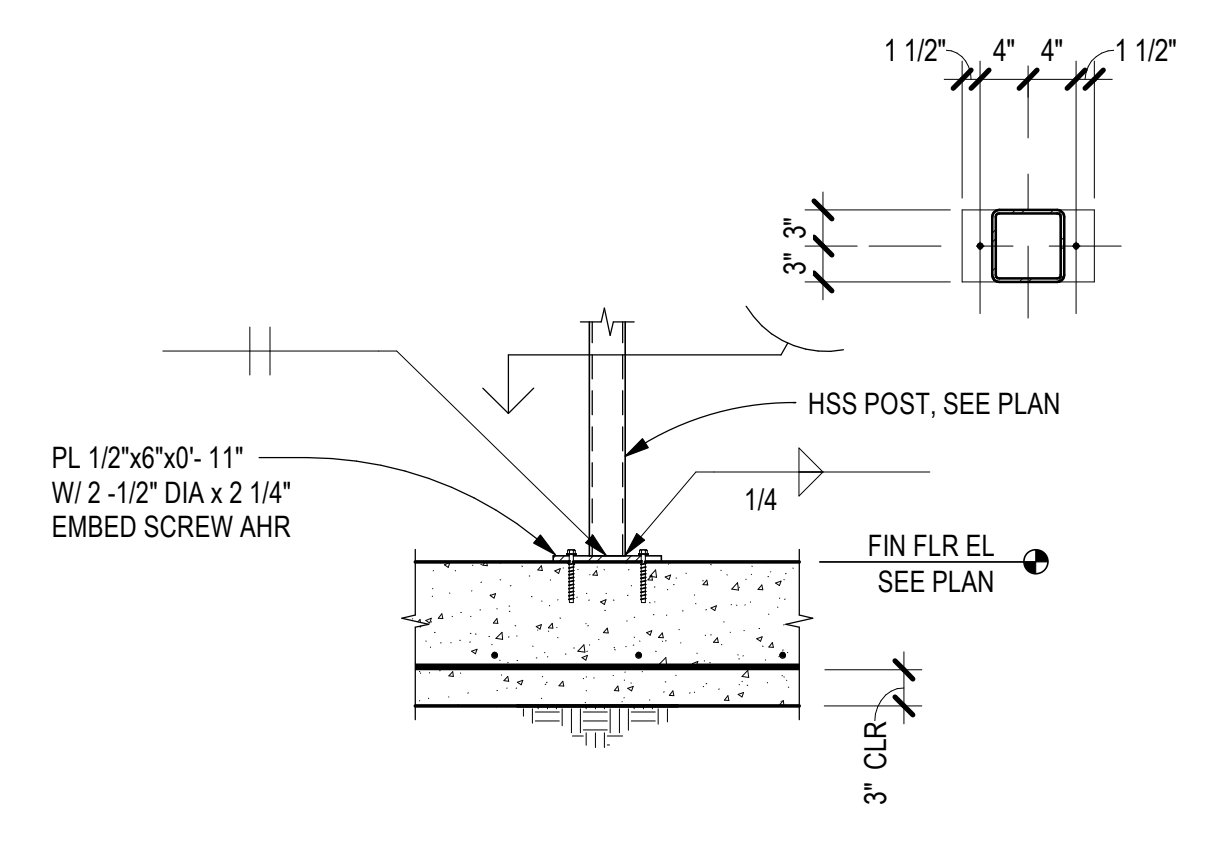
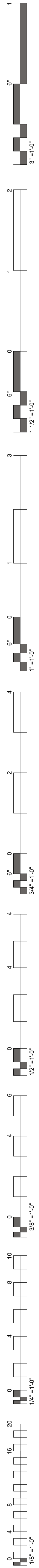
KEY PLAN:

PROJECT PHASE:
BULK STEEL PACKAGE
NOT FOR CONSTRUCTION

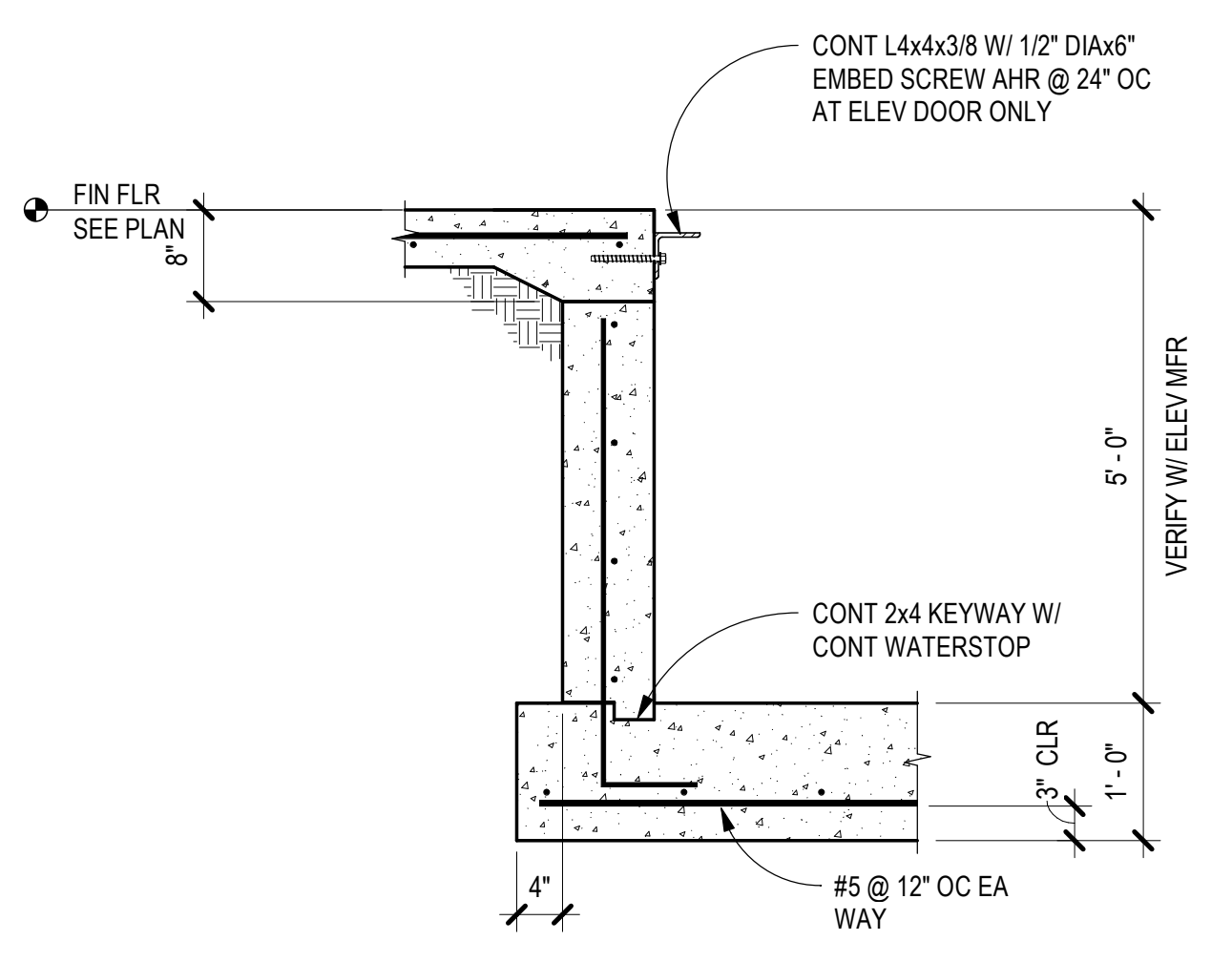
#	DATE	REVISIONS	DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

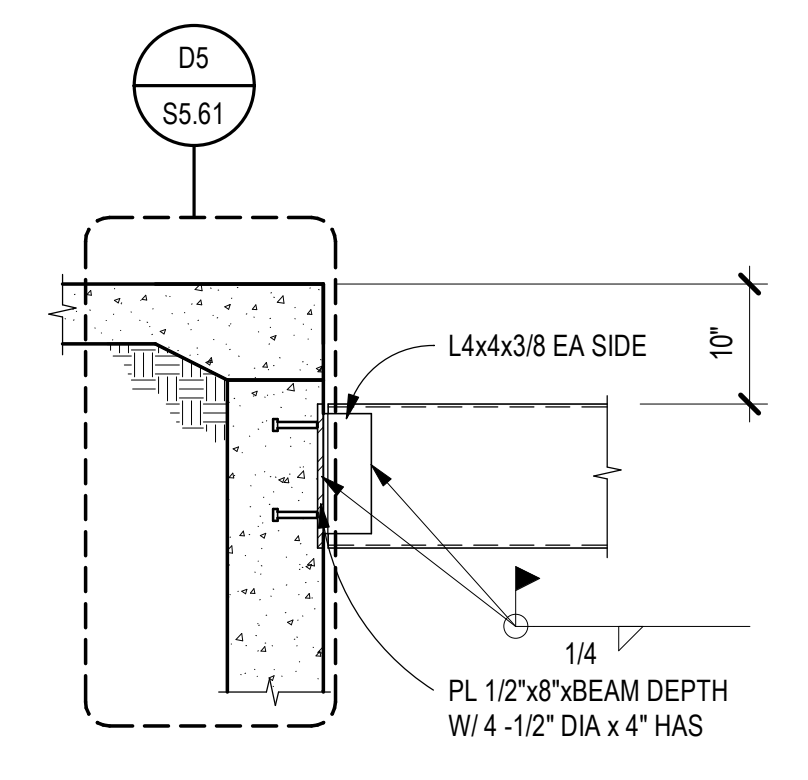
SHEET NUMBER:
S5.53
STEEL DETAILS



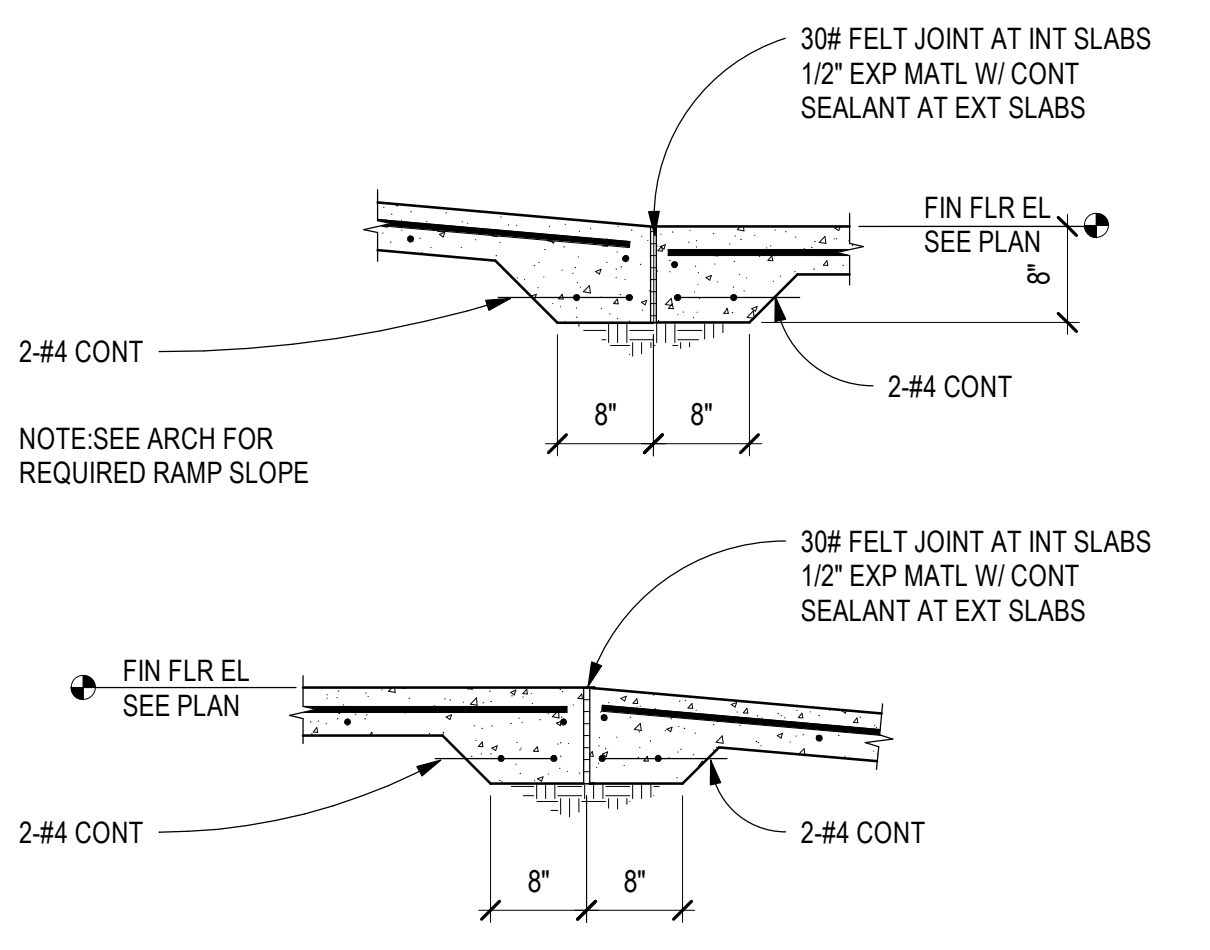
D4 INT COLUMN AT ELEVATOR PIT SLAB
SCALE: 3/4" = 1'-0"



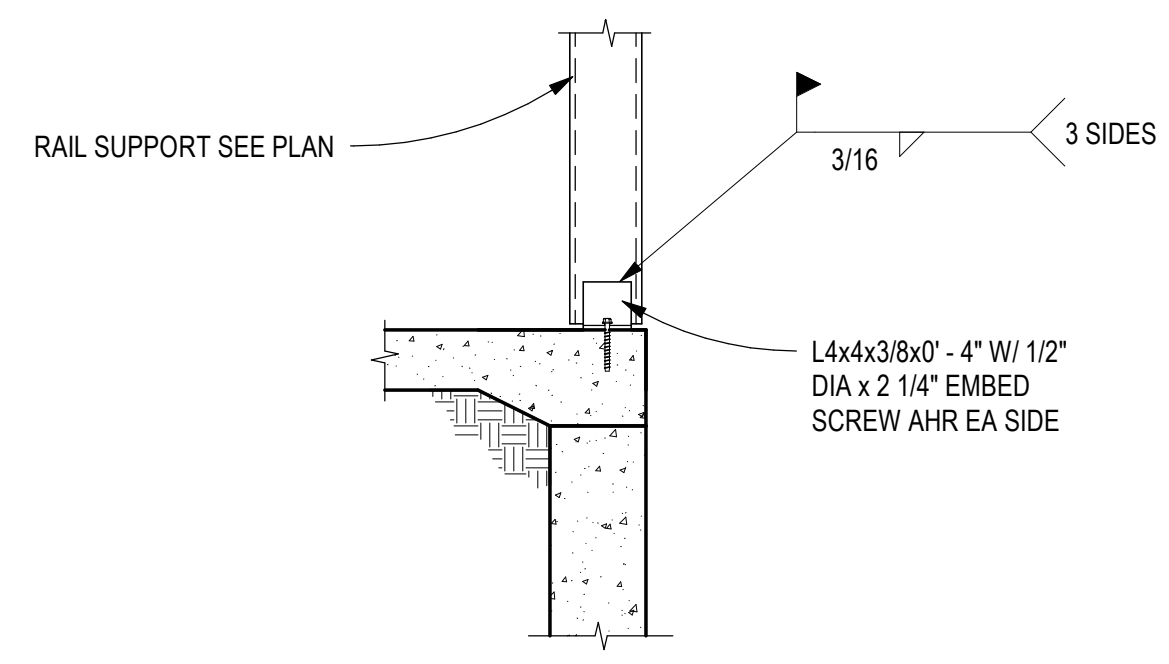
D5 ELEVATOR PIT SECTION
SCALE: 3/4" = 1'-0"



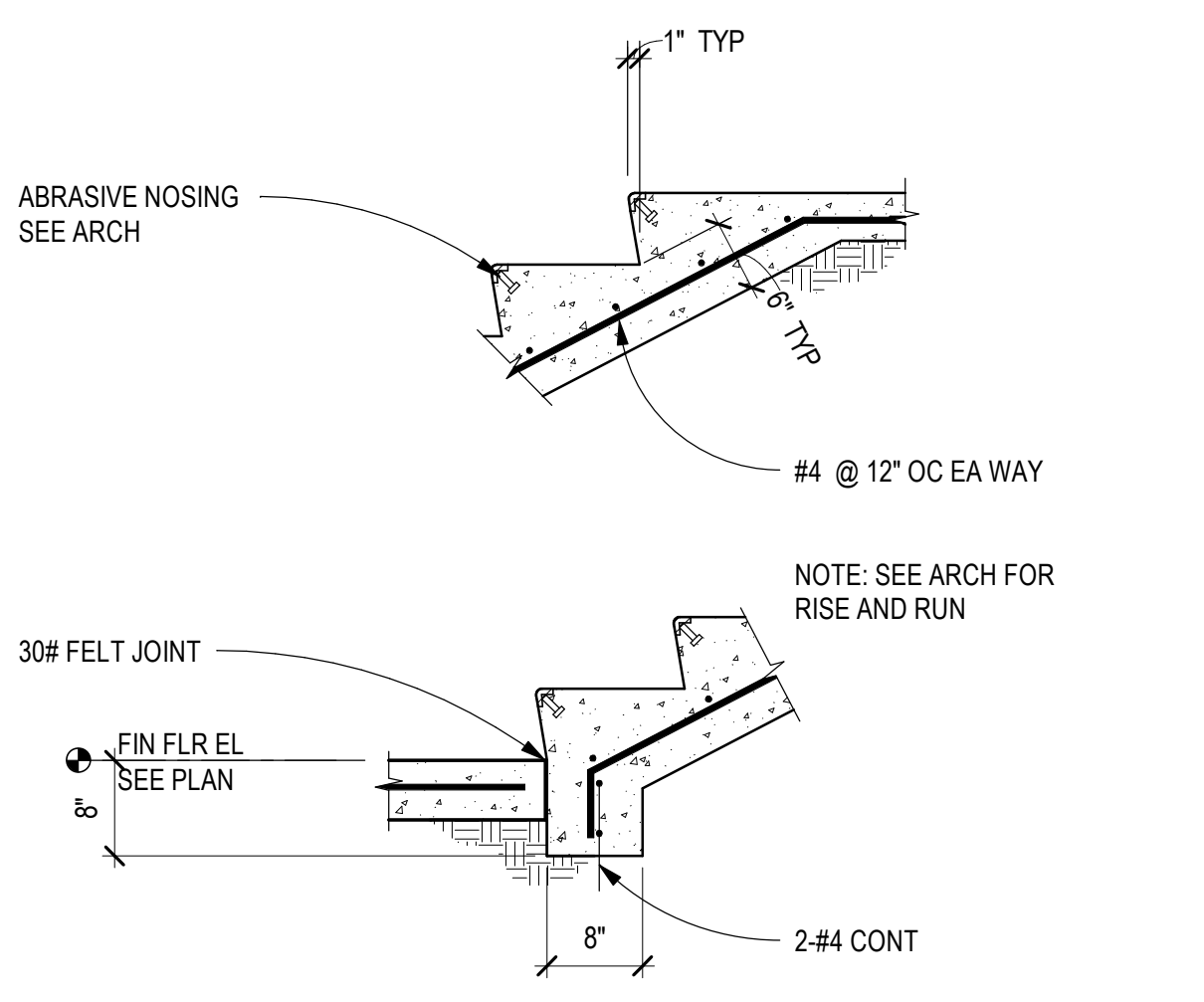
C4 ELEVATOR SEPARATOR BEAM
SCALE: 3/4" = 1'-0"



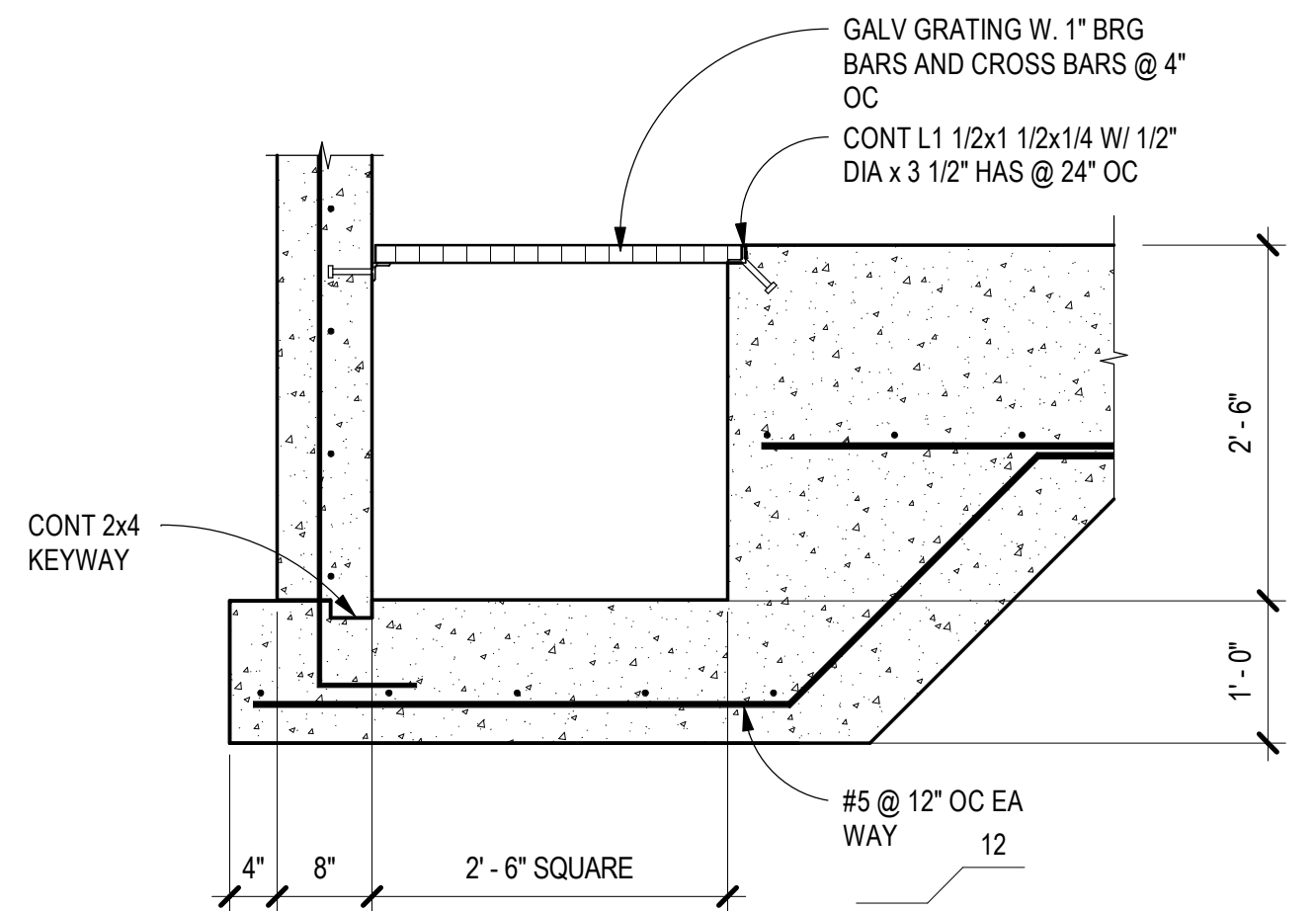
C5 TYPICAL RAMP SECTION
SCALE: 3/4" = 1'-0"



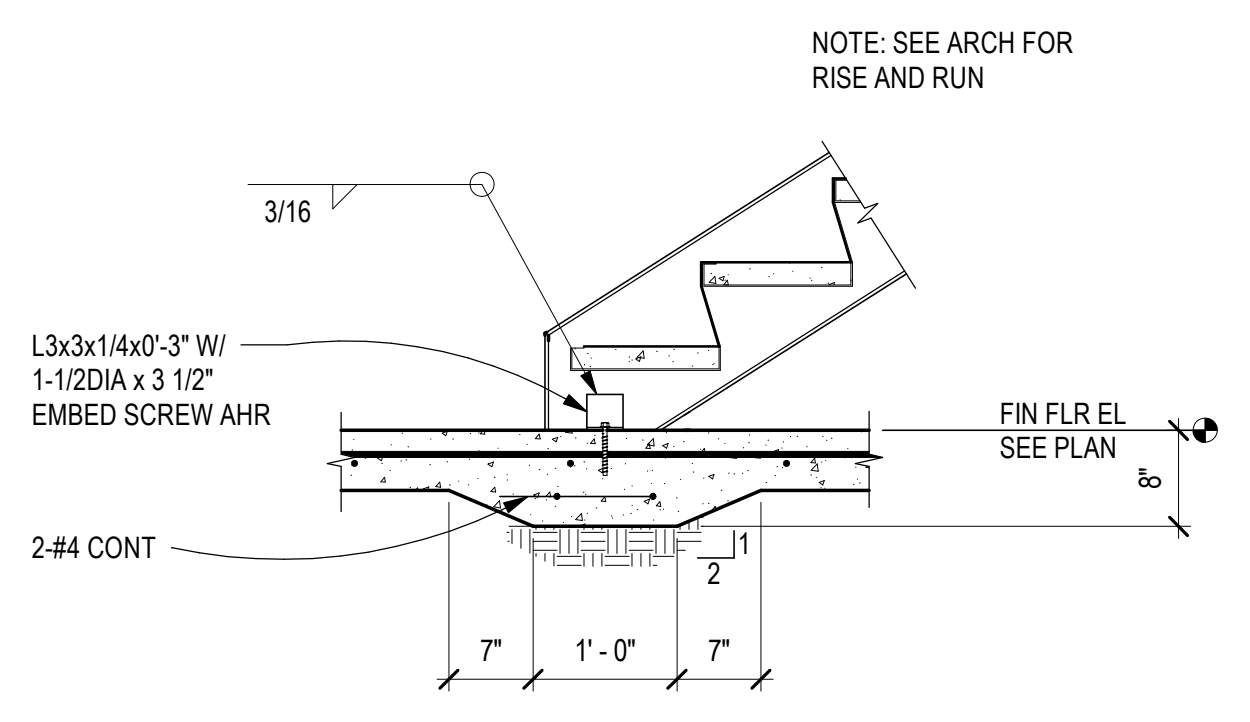
B4 ELEVATOR PIT SECTION
SCALE: 3/4" = 1'-0"



B5 TYPICAL CONC STAIR SECTION
SCALE: 3/4" = 1'-0"



A4 ELEVATOR SUMP PIT SECTION
SCALE: 3/4" = 1'-0"



A5 TYPICAL STAIR BASE DETAIL
SCALE: 3/4" = 1'-0"

PROFESSIONAL SEAL:
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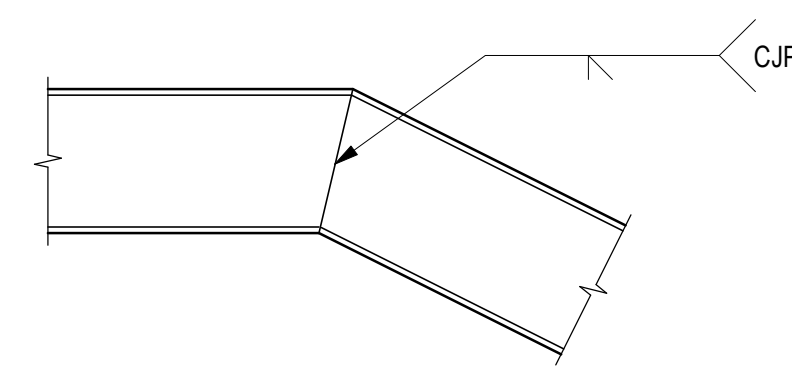
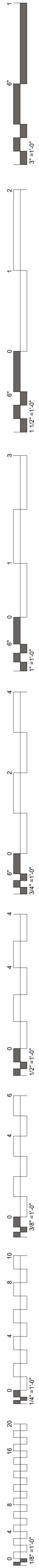
KEY PLAN:

PROJECT PHASE:
BULK STEEL PACKAGE
NOT FOR CONSTRUCTION

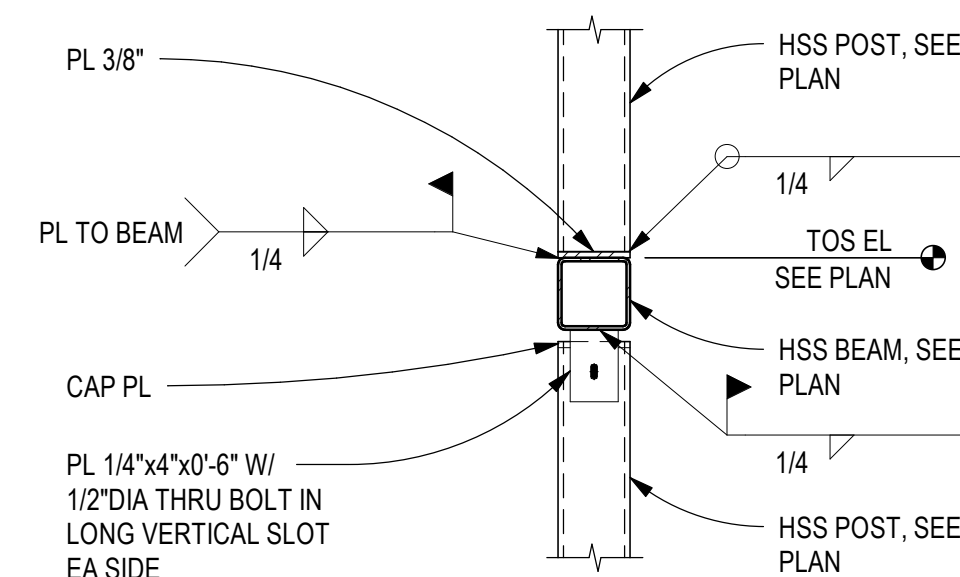
#	DATE	REVISIONS DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

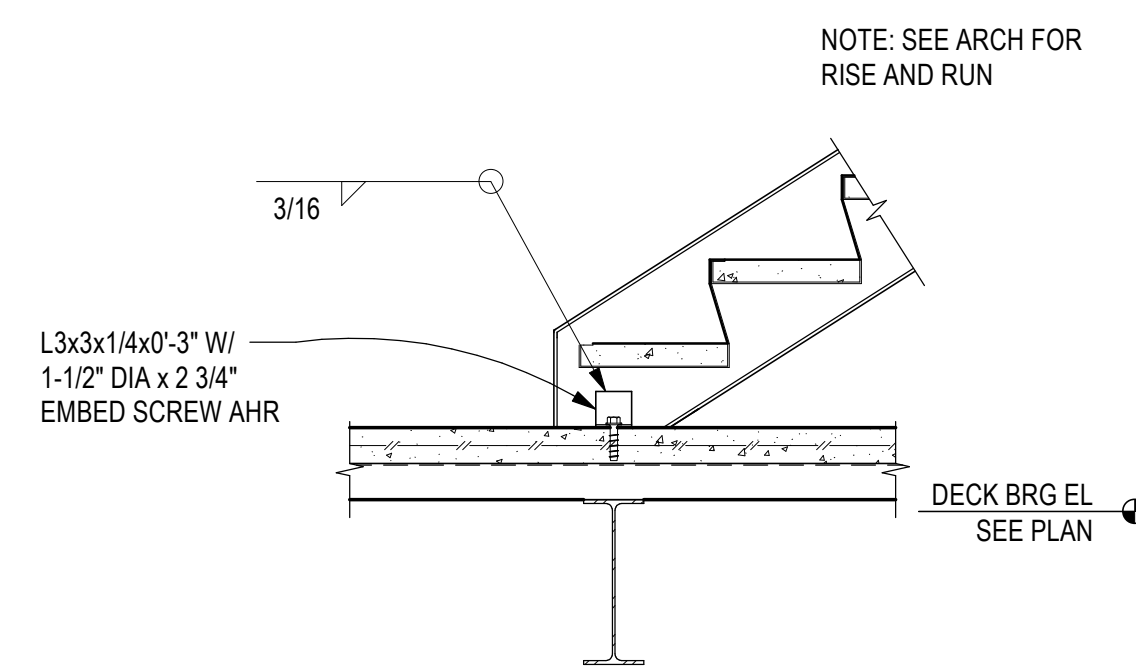
SHEET NUMBER:
S5.61
TYPICAL VERTICAL CIRCULATION FOUNDATION DETAILS



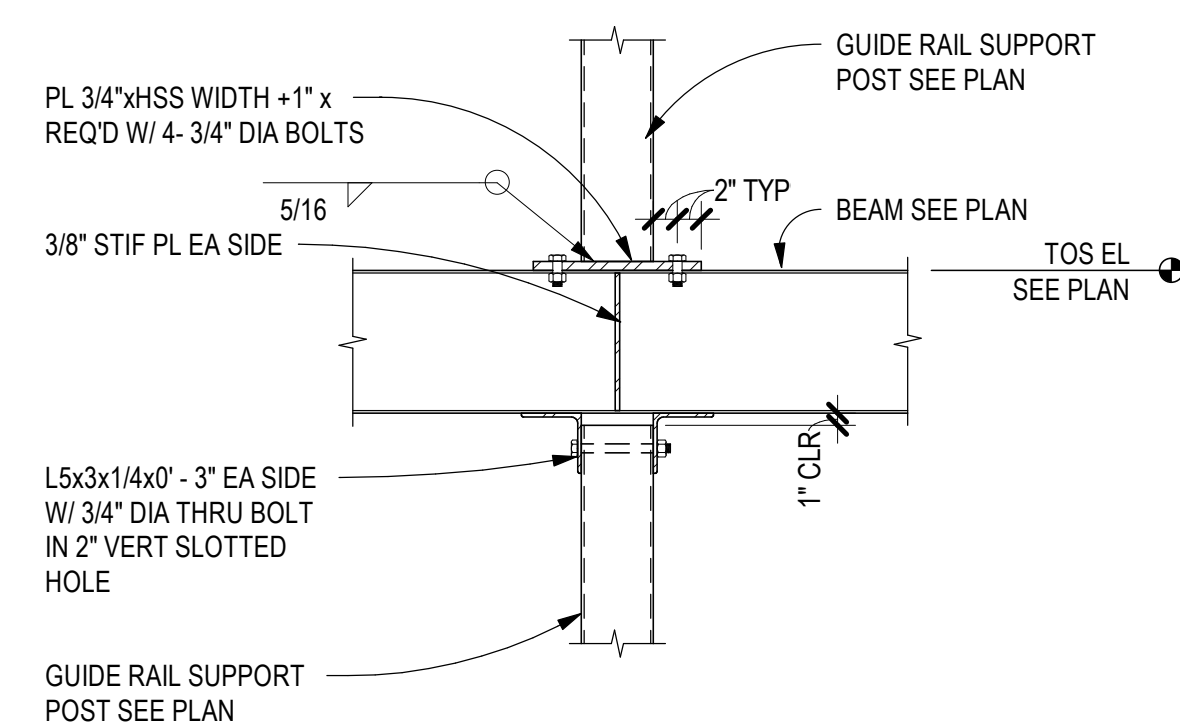
D3 STAIR STRINGER DETAIL
SCALE: 3/4" = 1'-0"



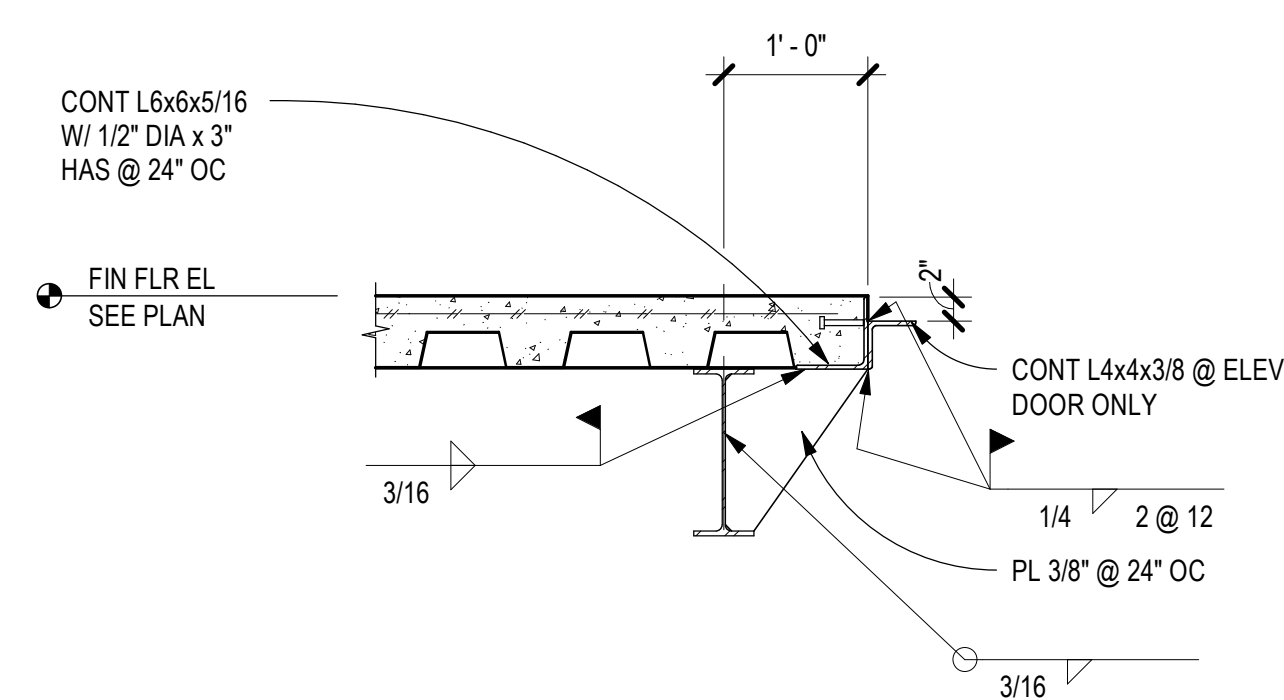
C3 ELEVATOR DETAIL
SCALE: 3/4" = 1'-0"



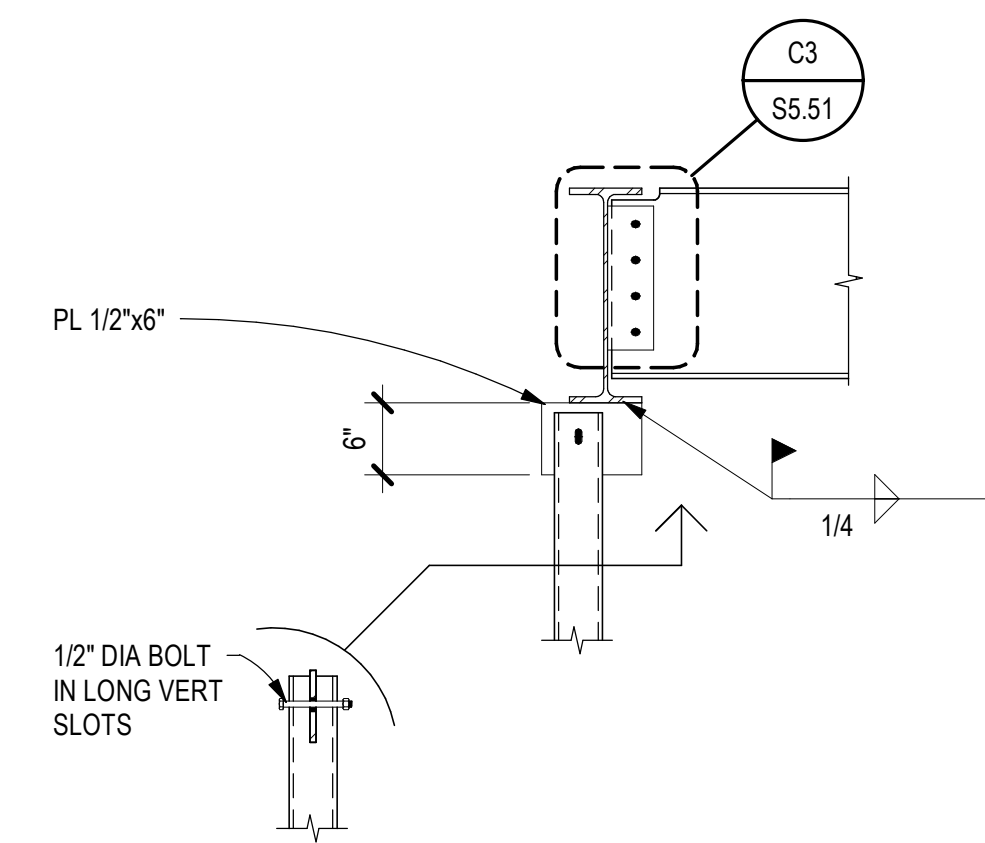
B3 TYPICAL STAIR BASE DETAIL
SCALE: 3/4" = 1'-0"



A2 GUIDE RAIL TO BM TOP AND BTM
SCALE: 3/4" = 1'-0"

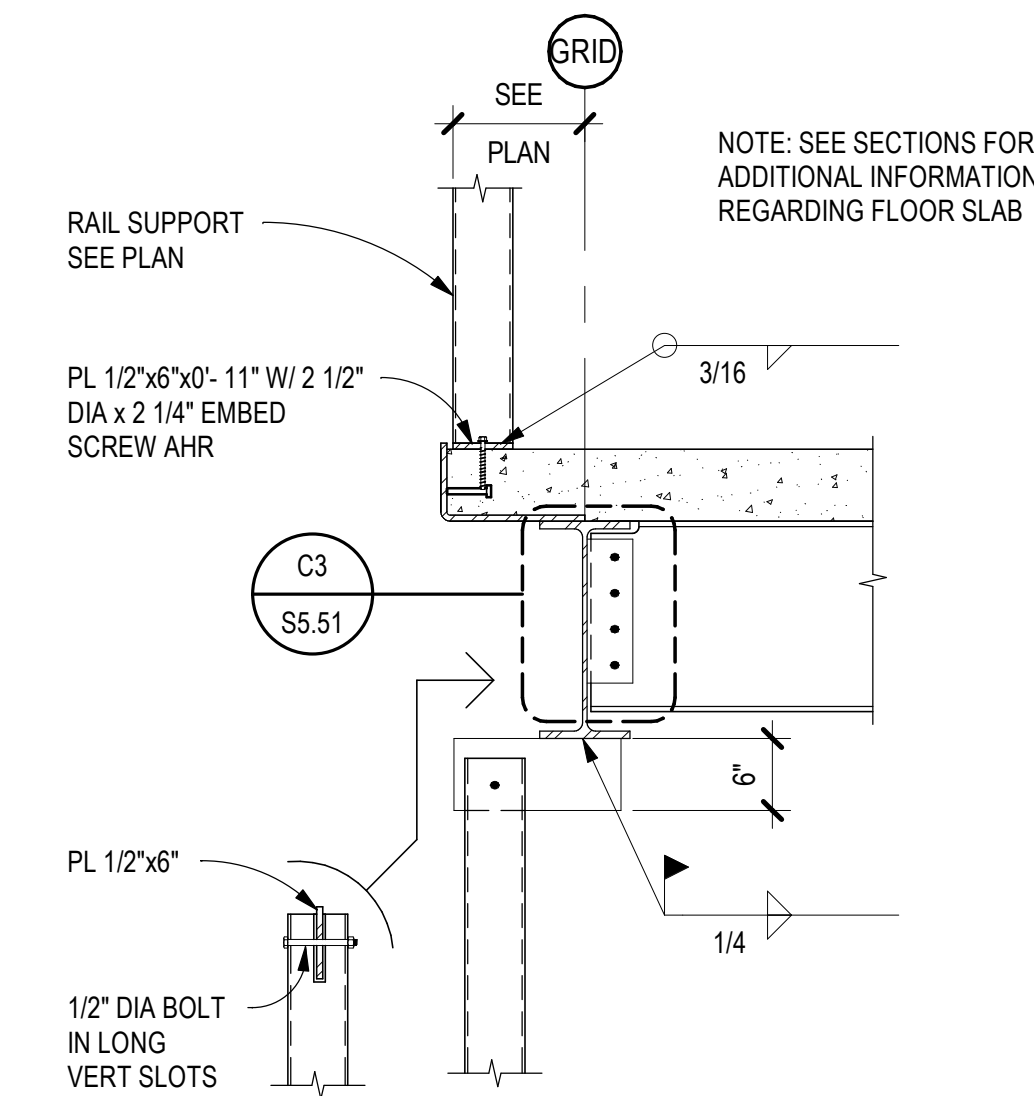


A3 ELEVATOR OPENING SECTION
SCALE: 3/4" = 1'-0"

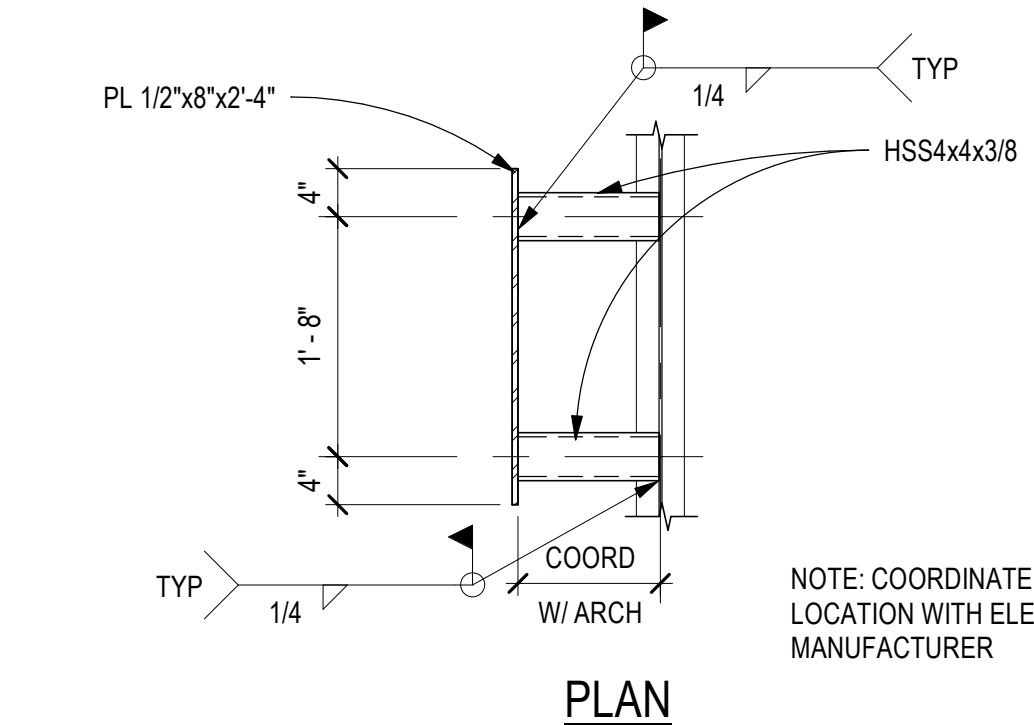


ELEVATOR RAIL SUPPORT TO BEAM

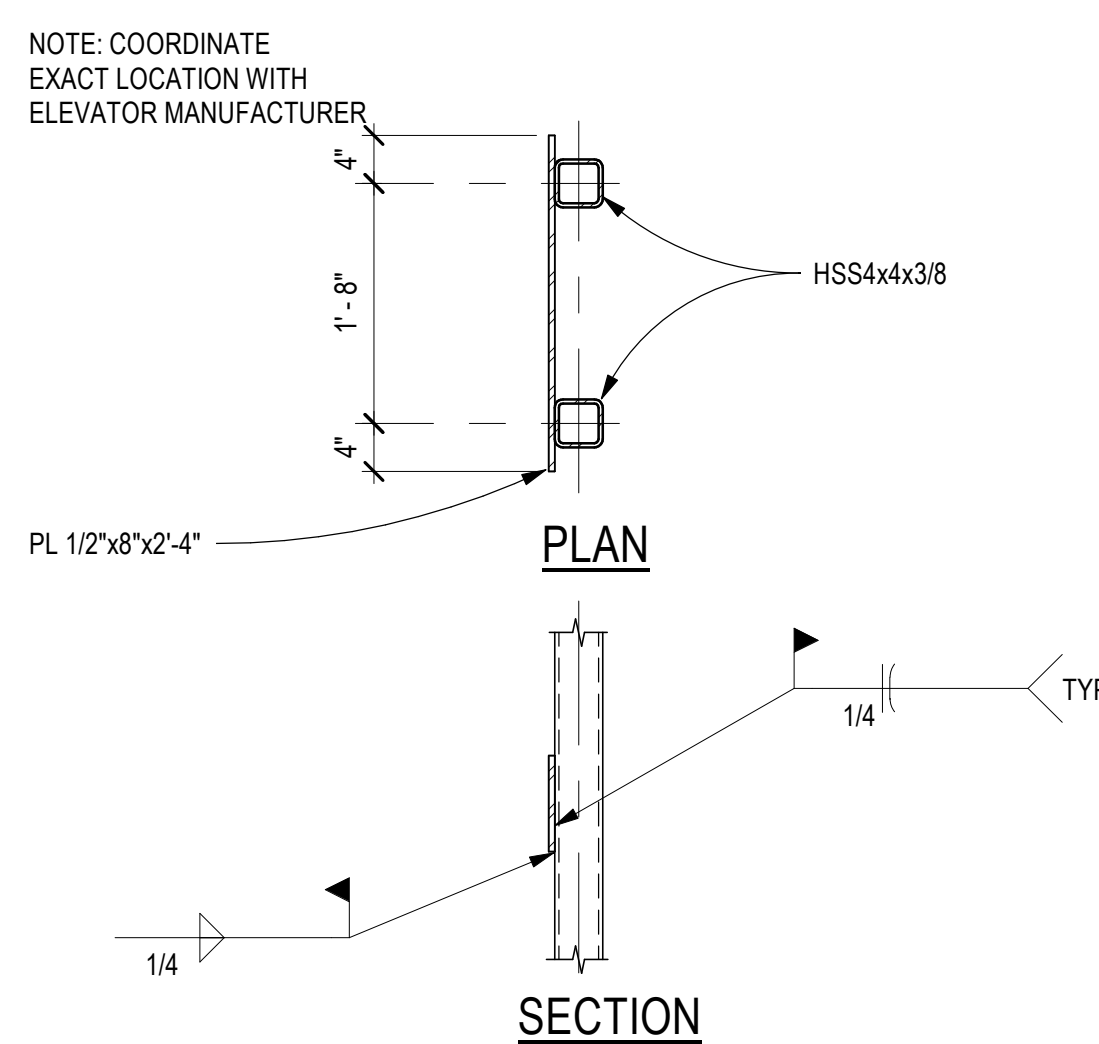
D4 ELEV RAIL SUPPORT TO ROOF
SCALE: 3/4" = 1'-0"



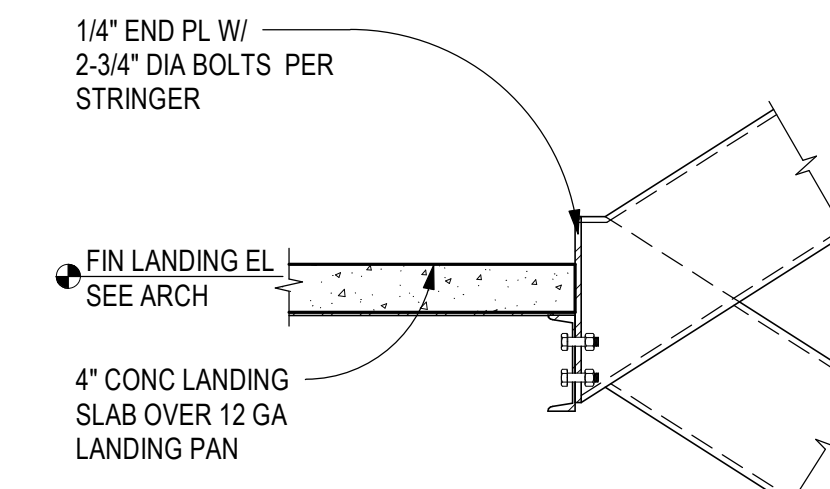
C4 ELEVATOR DETAIL
SCALE: 3/4" = 1'-0"



B4 ELEV RAIL BRACKET SUPPORT
SCALE: 3/4" = 1'-0"

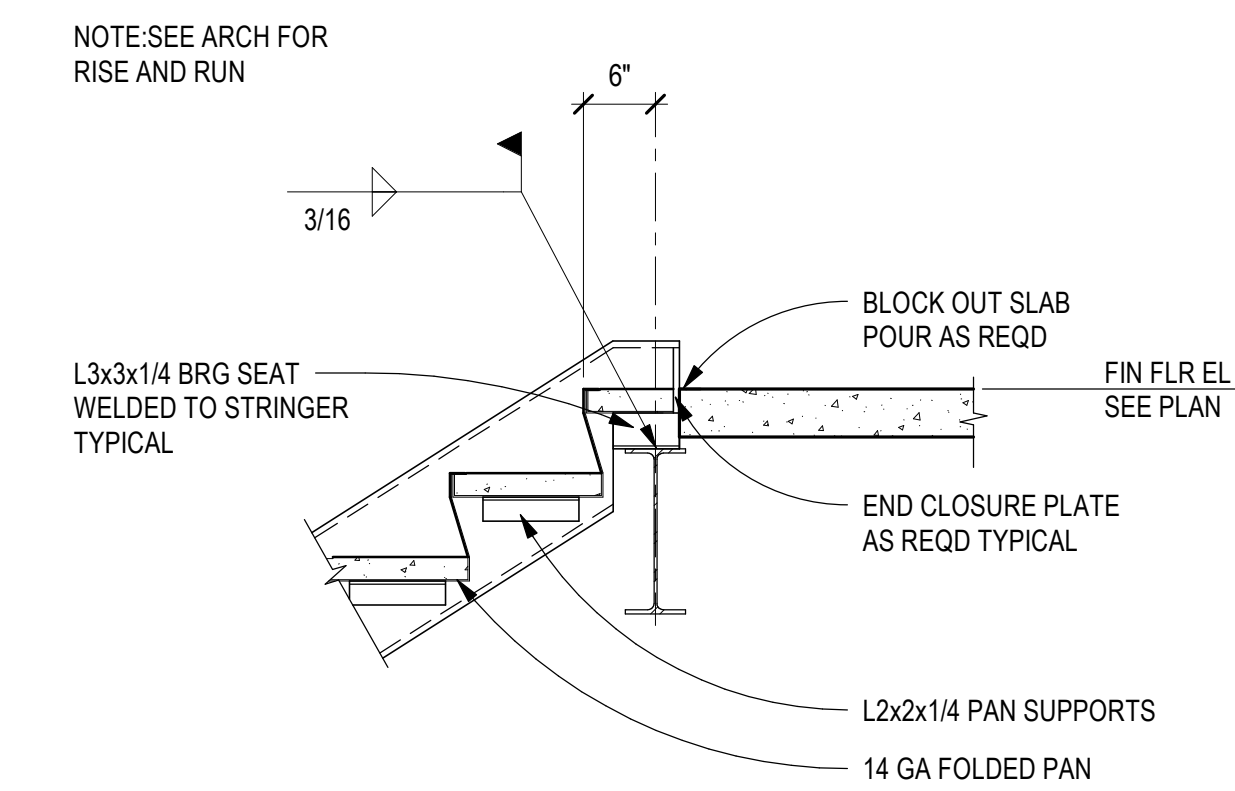


A4 ELEV RAIL BRACKET SUPPORT
SCALE: 3/4" = 1'-0"

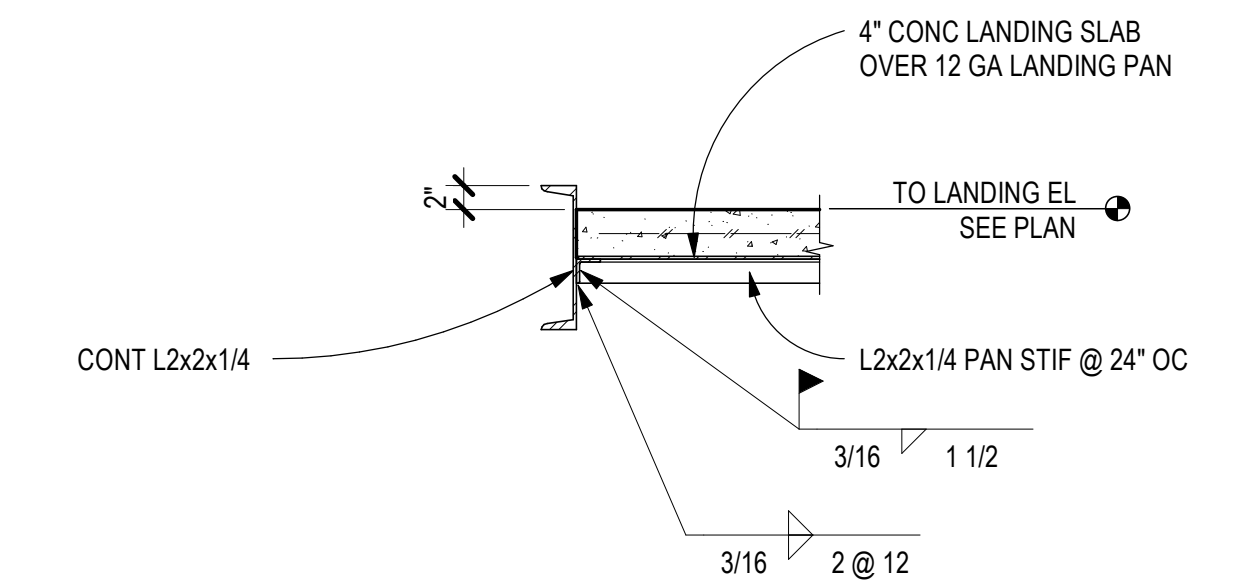


NOTE: TREADS AND RISERS NOT SHOWN FOR CLARITY. SEE ARCH FOR RISE AND RUN

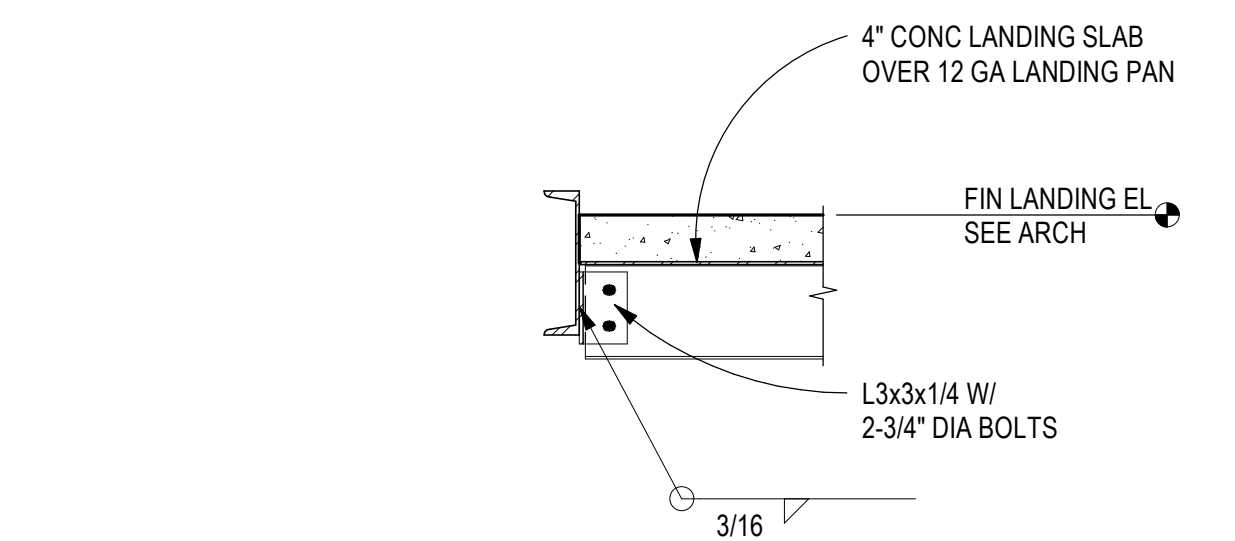
D5 INTERMEDIATE LANDING SECTION
SCALE: 3/4" = 1'-0"



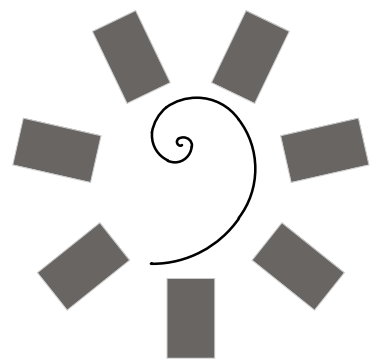
C5 STAIR STRINGER AT LANDING
SCALE: 3/4" = 1'-0"



B5 STAIR LANDING SECTION
SCALE: 3/4" = 1'-0"



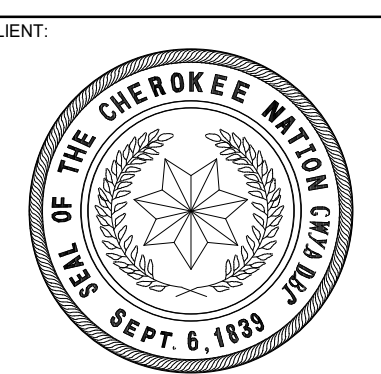
A5 STAIR LANDING SECTION
SCALE: 3/4" = 1'-0"



James R. Childers Architect, Inc.
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479-783-2450
www.childersarchitect.com

PROFESSIONAL SEAL
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CONSULTANT LOGO



COLLEGE OF **Osteopathic Medicine**
AT THE CHEROKEE NATION
TAHLEQUAH, OKLAHOMA



KEY PLAN

PROJECT PHASE:
BULK STEEL PACKAGE NOT FOR CONSTRUCTION

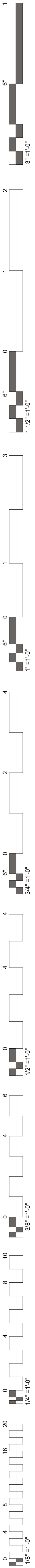
#	DATE	REVISIONS	DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:

S5.62

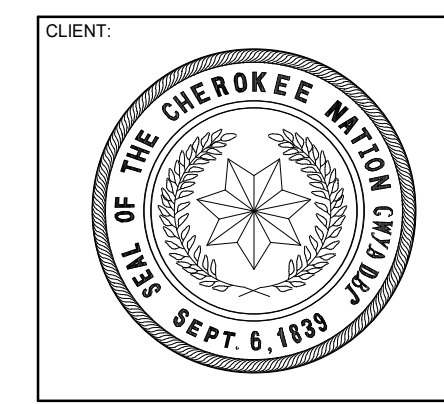
TYPICAL VERTICAL CIRCULATION FRAMING DETAILS



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CONSULTANT LOGO

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504-344-0080 504-343-8759 (fax)



CLIENT:

College of Osteopathic Medicine
AT THE CHEROKEE NATION
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BULK STEEL PACKAGE
NOT FOR CONSTRUCTION

#	DATE	REVISIONS	DESCRIPTION

DATE: 03-15-19 JOB NUMBER: 17-13
SHEET NUMBER: S6.01
SCHEDULES

MARK	COMPOSITE SLAB	SLAB			METAL DECK			DECK ATTACHMENTS			TOTAL SLAB / DECK THICKNESS	COMMENTS	
		THICK	MATL	REINF	THICK	TYPE	GAGE	FINISH	ATTACH PERP TO RIBS	ATTACH PARALLEL TO RIBS			ATTACH SIDELAPS
D1.5R		--	--	--	1 1/2"	B	20	PAINTED	4-5/8" DIA PUDDLE WELDS PER 36" WIDE SHEET	5/8" DIA PUDDLE WELDS @ 12" OC	#10 SCREWS @ 12" OC	1 1/2"	
D6R	X	3"	NW CONC	6x6 - W2.1W2.1 WELD WIRE FABRIC IN FLAT SHEETS	3"	VLI	18	[GALVANIZED]	4-5/8" DIA PUDDLE WELDS PER 36" WIDE SHEET	5/8" DIA PUDDLE WELDS @ 12" OC	#10 SCREWS @ 12" OC	6"	
D6RA		6"	NW CONC	#4 @ 12" OC EA WAY	--	--	--	--	--	--	--	6"	SLOPE PER ARCHITECTURAL DRAWINGS. INCLUDE CRYSTALLINE WATERPROOFING ADMIXTURE IN CONCRETE
D7.5F	X	4 1/2"	NW CONC	#5 @ 12" OC EA WAY	3"	VLI	18	[GALVANIZED]	4-5/8" DIA PUDDLE WELDS PER 36" WIDE SHEET	5/8" DIA PUDDLE WELDS @ 12" OC	#10 SCREWS @ 12" OC	7 1/2"	

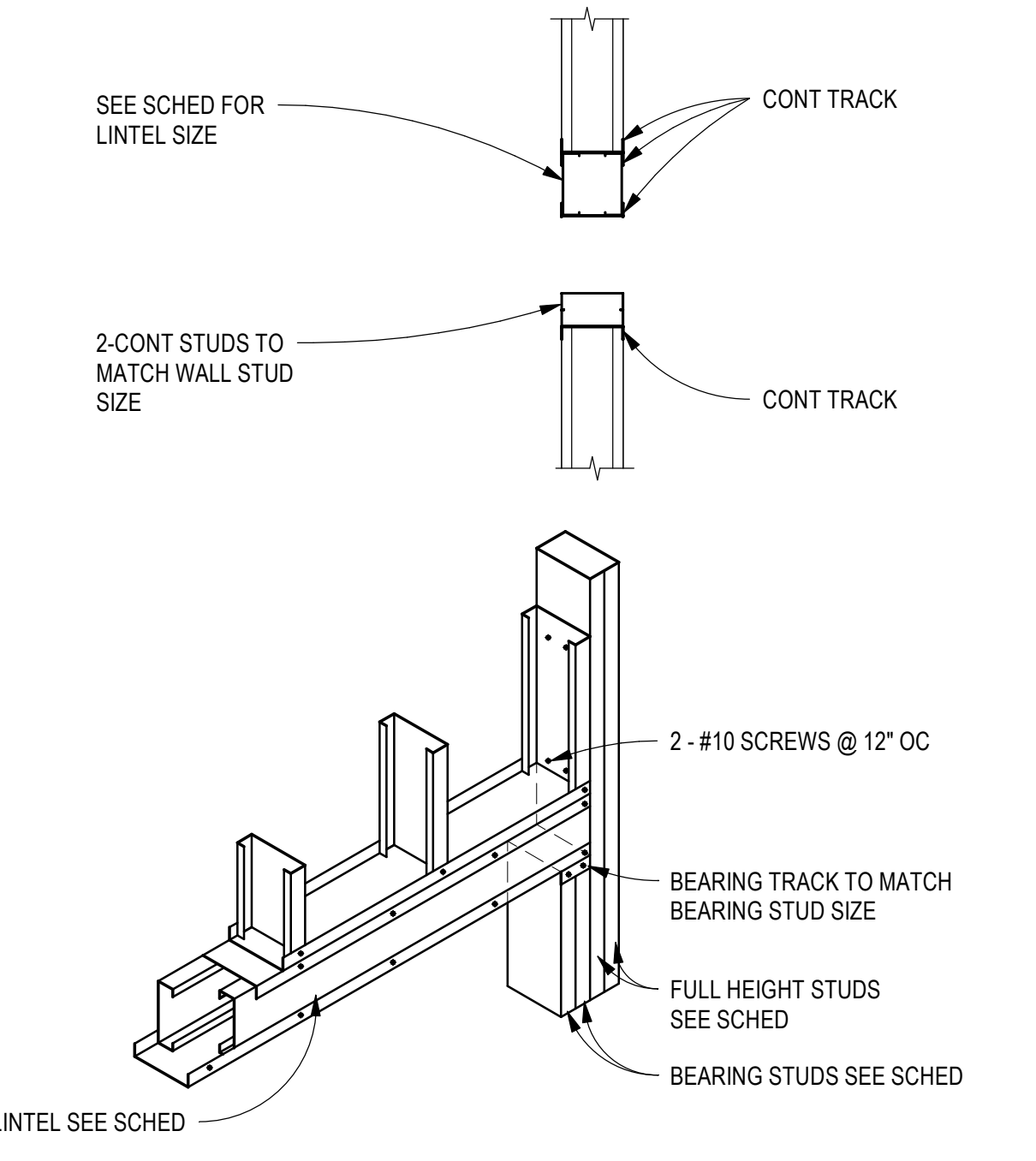
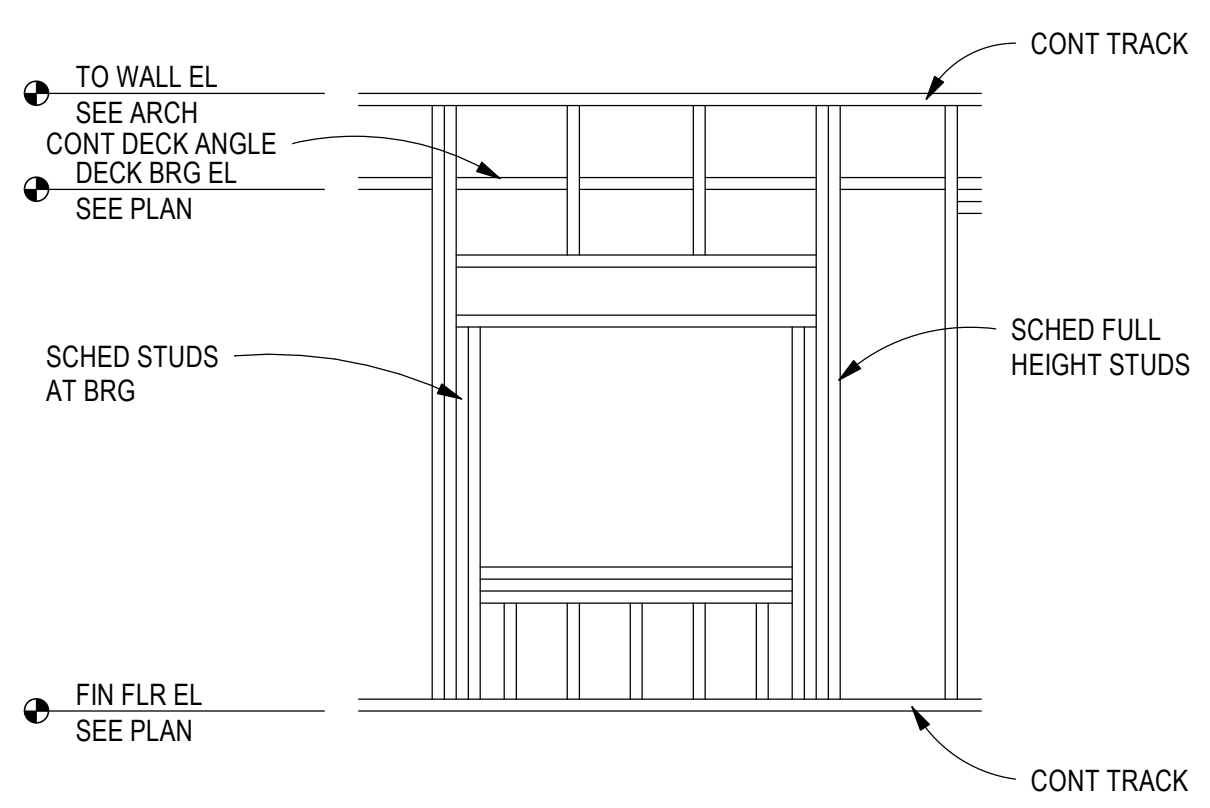
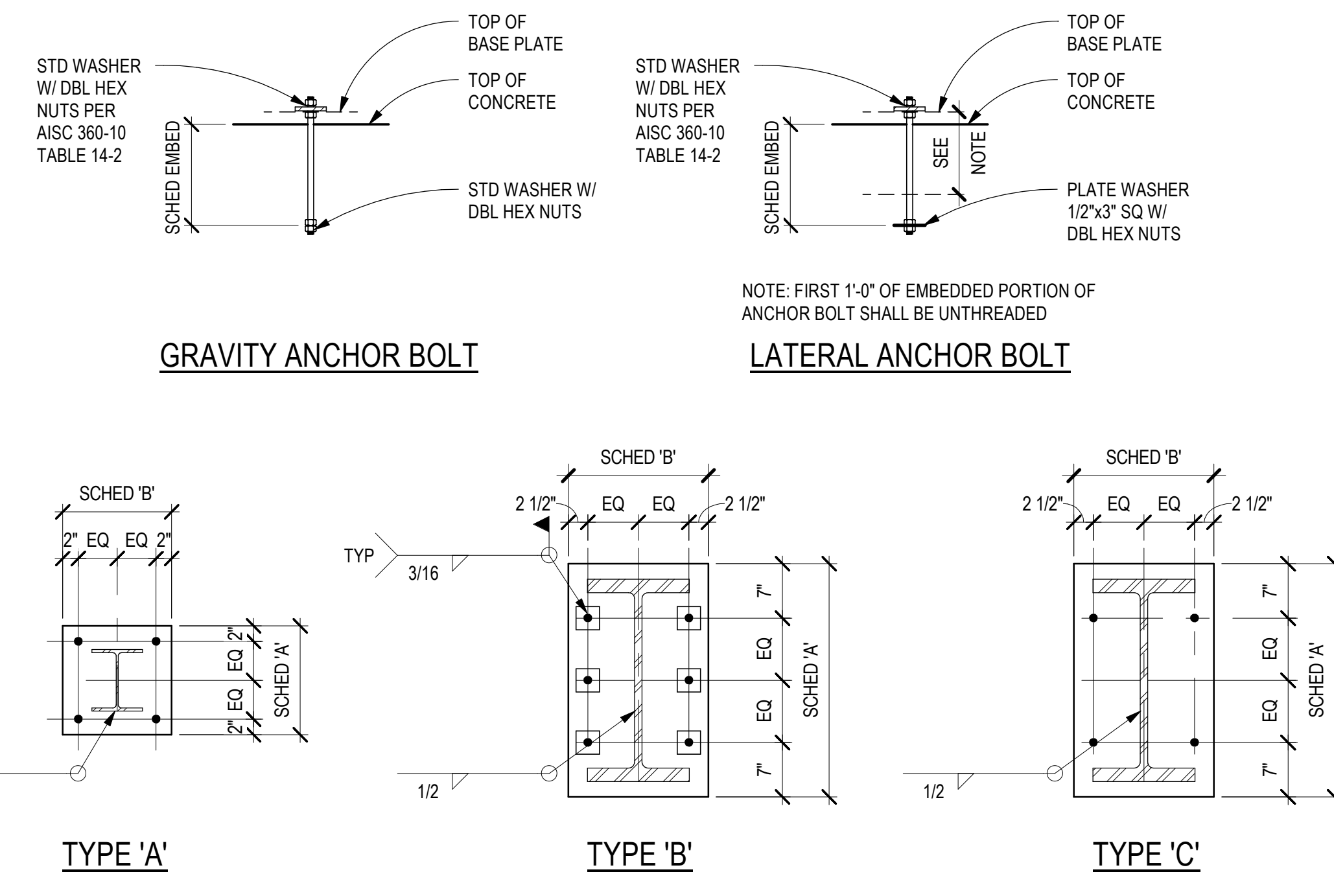
MARK	SLAB			BEARING STRATA		COMMENTS
	THICKNESS	MATL	REINFORCING			
S5	5"	CONC	#4 @ 18" OC EA WAY	15 MIL VAPOR RETARDER OVER LASER LEVELED SUBGRADE PER GEN STRUCT NOTES		THE FINISHED TOP SURFACE SHOULD BE FLAT AND LEVEL WITH SUFFICIENT FINES TO FILL BETWEEN COARSE AGGREGATE. IF THIS IS NOT THE CASE, PROVIDE UP TO 1/2 INCH BLOTTER LAYER OF SAND
S6	5"	CONC	#4 @ 12" OC EA WAY	15 MIL VAPOR RETARDER OVER LASER LEVELED SUBGRADE PER GEN STRUCT NOTES		THE FINISHED TOP SURFACE SHOULD BE FLAT AND LEVEL WITH SUFFICIENT FINES TO FILL BETWEEN COARSE AGGREGATE. IF THIS IS NOT THE CASE, PROVIDE UP TO 1/2 INCH BLOTTER LAYER OF SAND

GRAVITY BASE PLATE SCHEDULE			
COLUMN SIZE	BASE PLATE		ANCHOR BOLTS
	TYPE	SIZE "T"x"A"x"B"	QTY x SIZE x GRADE
W12	A	PL 2"x21"x1'-9"	4 - 3/4" DIA x 9" F1554 GR 36
HSS6x6	A	PL 3/4"x14"x1'-2"	4 - 3/4" DIA x 9" F1554 GR 36

NOTE: FOR GRAVITY BASE PLATES, PROVIDE MAXIMUM OVERSIZED HOLES AND PLATE WASHERS WITH SIZE AND THICKNESS PER AISC 360-10 TABLE 14-2.

LATERAL BASE PLATE SCHEDULE			
MARK	BASE PLATE		ANCHOR BOLTS
	TYPE	SIZE "T"x"A"x"B"	QTY x SIZE x GRADE
BP1	B	PL 2 1/4"x30"x1'-6"	6 - 1 1/4" DIA x 18" F1554 GR 36
BP2	B	PL 2 1/2"x30"x1'-6"	6 - 1 1/4" DIA x 18" F1554 GR 36
BP3	C	PL 2 1/4"x30"x1'-6"	SEE A5 / S5.51
BP4	B	PL 2 1/4"x30"x1'-6"	6 - 1 1/4" DIA x 24" F1554 GR 36

NOTE: FOR LATERAL BASE PLATES, PROVIDE PLATE WASHERS WITH SIZE AND THICKNESS PER AISC 360-10 TABLE 14-2.

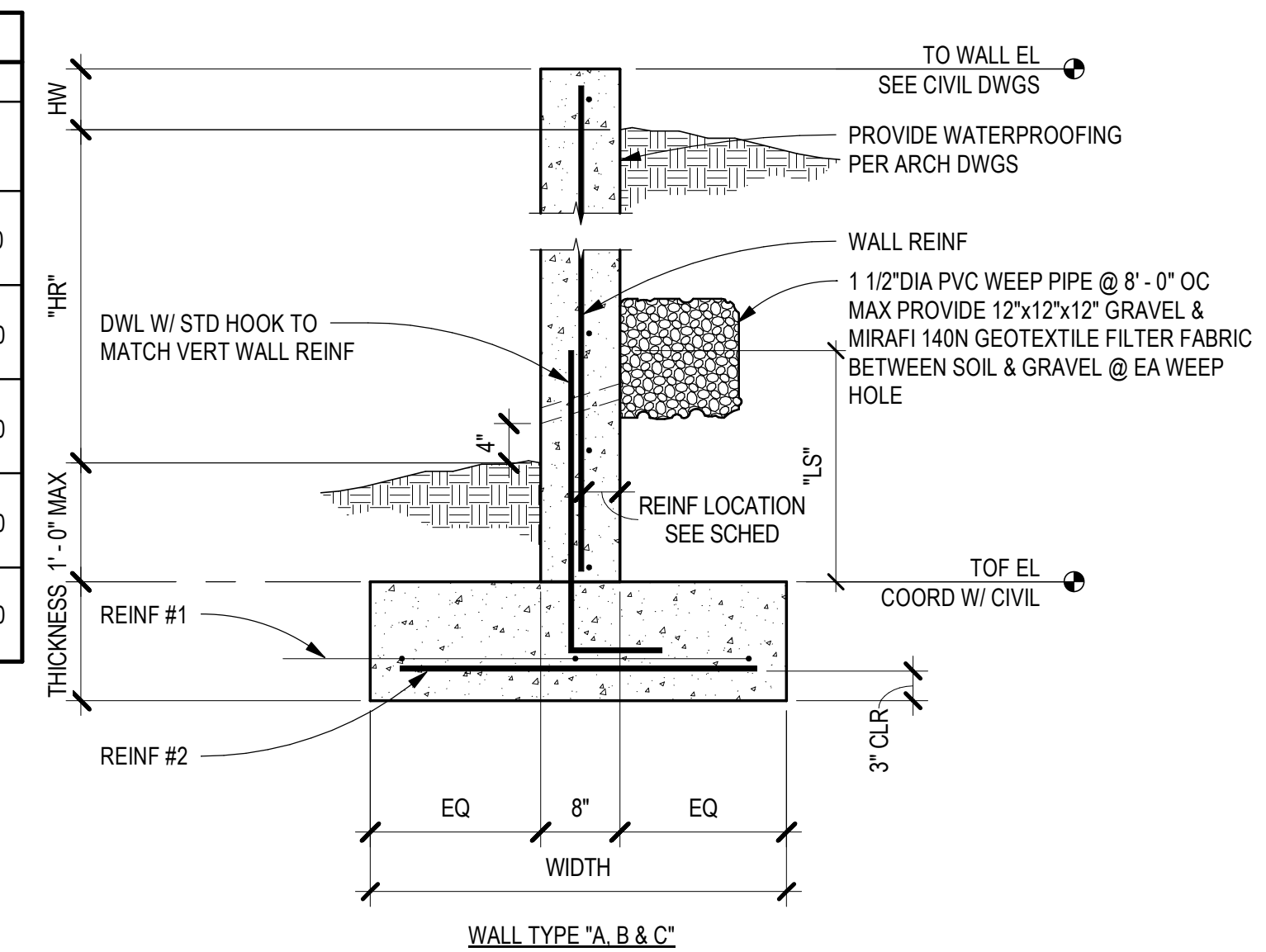


REINFORCEMENT TYPE	REINFORCING LAP SCHEDULE						MINIMUM LENGTH (IN)	COMMENTS
	#6 AND SMALLER (#6)		#7 AND LARGER (#6)					
	3000 PSI	4000 PSI	3000 PSI	4000 PSI				
CONTINUOUS WALL FOOTINGS AND STEM WALLS	30	30	30	30	30	30	18	
RETAINING WALLS AND BASEMENT WALL VERTICAL REINFORCING	57	50	45	72	62	56	12	
RETAINING WALLS AND BASEMENT WALL HORIZONTAL REINFORCING	57	50	45	72	62	56	12	
CONCRETE COLUMNS NOT SUPPORTING LATERAL FORCES	30	30	30	30	30	30	12	
CONCRETE COLUMNS SUPPORTING LATERAL FORCES	57	50	45	72	62	56	12	
TOP FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, AND COMBINED COLUMN FOOTING AT BRACED FRAME AND MOMENT FRAMES	57	50	45	72	62	56	12	
BOTTOM FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, AND COMBINED COLUMN FOOTING AT BRACED FRAME AND MOMENT FRAMES	57	50	45	55	62	56	12	
SLABS-ON-GRADE	30	30	30	30	30	30	12	
MINIMUM EMBEDMENT OF STANDARD HOOKS INTO CONCRETE BASE	16	14	12	16	14	14	6	INCREASE LENGTH FOR #11 BARS AND LARGER BY A FACTOR OF 1.4
ALL REBAR LAPS IN CMU	72		72		72		12	

MARK	VENEER	WALL	REINFORCING		GRADE	COMMENTS
			VERTICAL	HORIZONTAL		
WC3	--	8" CONC	#5 @ 12" OC	#5 @ 12" OC	A615	
WC8A	--	8" CONC	#5 @ 12" OC	#5 @ 12" OC	A615	SEE D2/S3.11
WC15	--	15" CONC	#7 @ 12" OC EA FACE	#4 @ 12" OC EA FACE	A615	
WC16	--	16" CONC	#7 @ 12" OC EA FACE	#4 @ 12" OC EA FACE	A615	SEE C2/S3.11
WC16A	--	16" CONC	#7 @ 12" OC EA FACE	#4 @ 12" OC EA FACE	A615	
WC20	--	16" CONC	#7 @ 6" OC EA FACE	#5 @ 12" OC EA FACE	A615	
WC24	--	24" CONC	#7 @ 6" OC EA FACE	#5 @ 12" OC EA FACE	A615	

WALL TYPE	WALL HEIGHT ABOVE GRADE "HW"	HEIGHT RETAINED "HR"	FOOTING SIZE		FOOTING REINFORCING		WALL			REMARKS	
			WIDTH	THICKNESS	REINF #1	REINF #2	REINFORCING	REINF LOCATION	SPLICE LENGTH "LS"		
A	0'-0"-0'-6"	0'-0"-4'-0"	2'-6"	1'-0"	3 - #5 CONT	#4 @ 48" OC	#4 @ 18" OC	#4 @ 12" OC	4"	24"	BEARING PRESSURE 2000 PSF
B	0'-0"-3'-6"	0'-0"-5'-0"	3'-6"	1'-0"	3 - #5 CONT	#4 @ 48" OC	#4 @ 14" OC	#4 @ 12" OC	4"	24"	BEARING PRESSURE 1500 PSF
C	0'-0"-0'-6"	4'-1"-7'-0"	5'-0"	1'-0"	5 - #5 CONT T&B	#5 @ 24" OC T&B	#5 @ 10" OC	#4 @ 12" OC	4"	36"	BEARING PRESSURE 1500 PSF
D	0'-0"-4'-0"	0'-0"-4'-0"	3'-6"	1'-0"	3 - #5 CONT	#4 @ 48" OC T&B	#5 @ 18" OC	#4 @ 12" OC	4"	36"	BEARING PRESSURE 1500 PSF
E	0'-0"-4'-0"	4'-1"-7'-1"	5'-0"	1'-0"	5 - #5 CONT	#5 @ 18" OC T&B	#5 @ 10" OC	#4 @ 12" OC	4"	36"	BEARING PRESSURE 2000 PSF

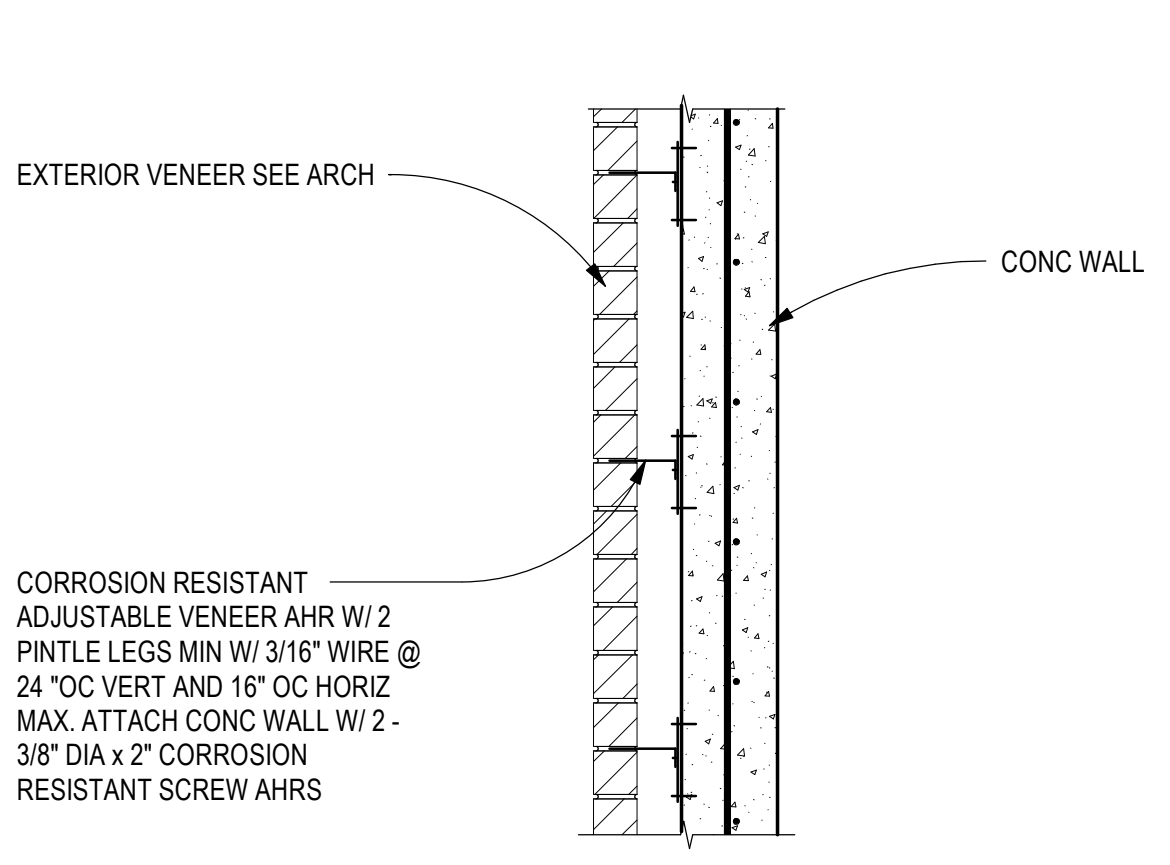
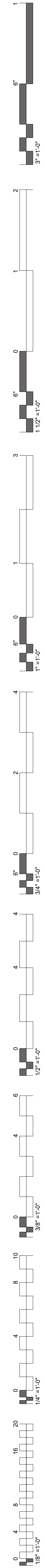
NOTE:
COORDINATE EXACT LOCATION AND EXTENT OF WALL WITH ARCHITECTURAL AND CIVIL DWGS.
PROVIDE CONCRETE WALL VERTICAL CONTROL JOINTS AT (2) TIMES THE WALL HEIGHT AND AT ALL STEPS IN TOP OF WALL. SEE DETAIL C2/S11 FOR CONTROL JOINT INFORMATION.



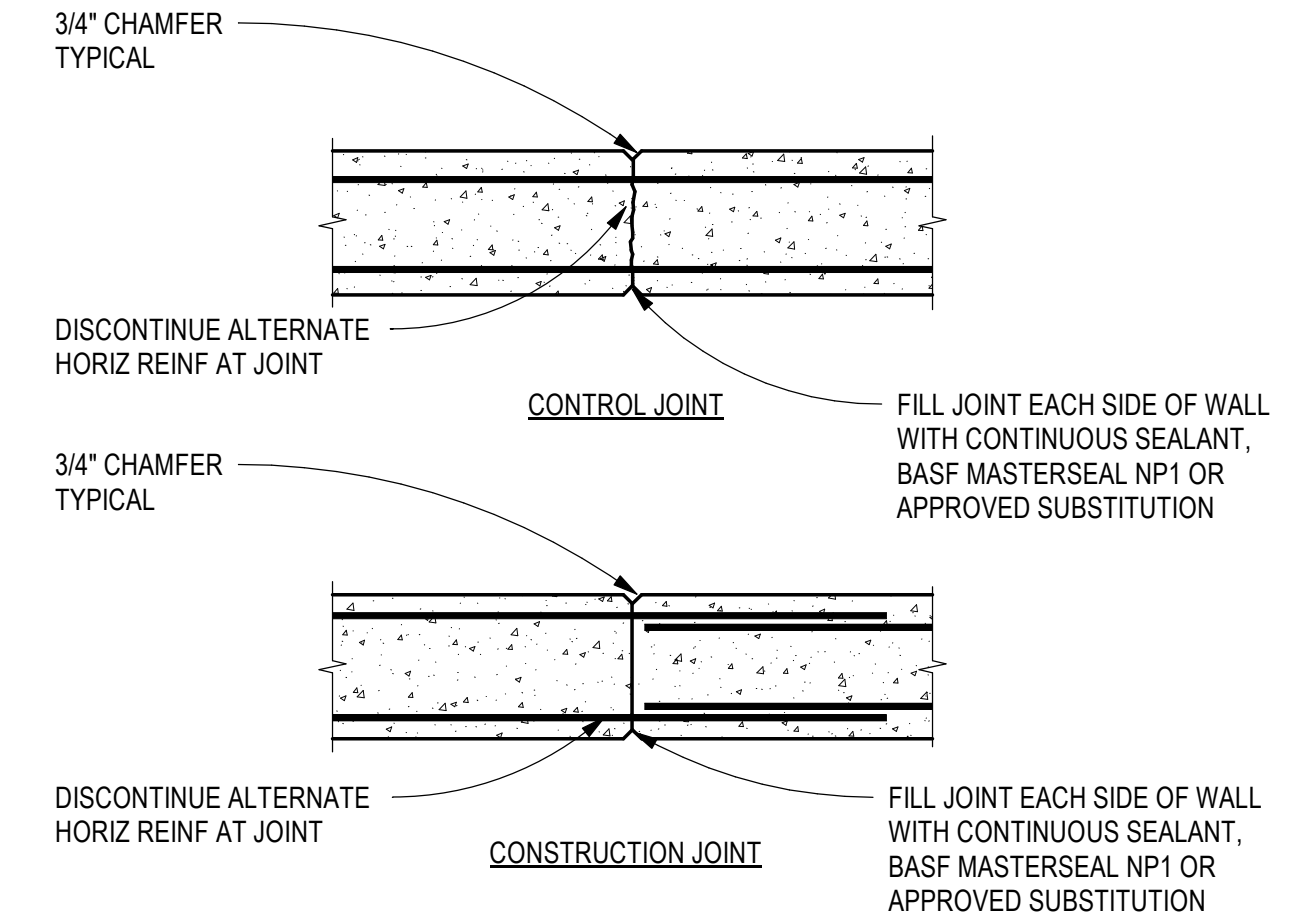
MARK	SIZE			REINFORCING		COMMENTS
	WIDTH	LENGTH	DEPTH	BOTTOM	TOP	
F132	11'-0"	11'-0"	3'-0"	12 - #8 EA WAY	12 - #8 EA WAY	
F144	12'-0"	12'-0"	3'-0"	15 - #8 EA WAY	15 - #8 EA WAY	
F156	13'-0"	13'-0"	3'-3"	15 - #8 EA WAY	15 - #8 EA WAY	
F168	14'-0"	14'-0"	1'-3"	15 - #8 EA WAY	15 - #8 EA WAY	
F180	15'-0"	15'-0"	3'-3"	22 - #9 EA WAY	22 - #9 EA WAY	
F192	16'-0"	16'-0"	3'-6"	24 - #9 EA WAY	24 - #9 EA WAY	
F204	17'-0"	17'-0"	3'-6"	28 - #9 EA WAY	28 - #9 EA WAY	
F468	12'-0"	39'-0"	3'-0"			
F528	13'-0"	44'-0"	3'-0"			
F804	14'-0"	67'-0"	3'-0"			
F840	13'-0"	70'-0"	3'-0"			

MARK	SIZE		REINFORCING		COMMENTS
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE	
CF50	5'-0"	1'-6"	4 - #5	#5 @ 18" OC	
CF72	6'-0"	1'-6"	4 - #5	#5 @ 18" OC	
CF96	8'-0"	2'-0"	4 - #5	#5 @ 18" OC	
CF168	2'-0"	18 - #7 TOP & BOT	#7 @ 12" OC TOP & BOT		
CF168B	14'-0"	3'-0"	4 - #5	#5 @ 18" OC	
CF216	2'-0"	22 - #7 TOP & BOT	#7 @ 12" OC TOP & BOT		

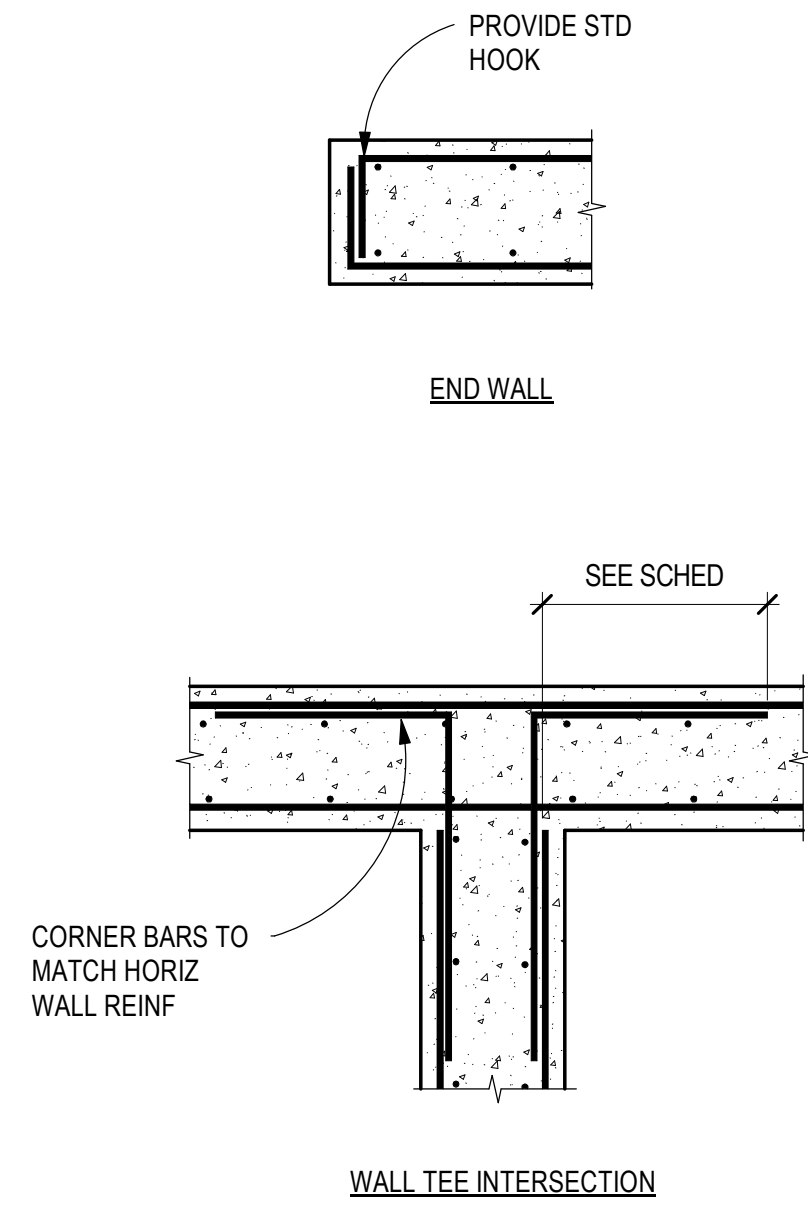
A1 TYPICAL CONCRETE SITE RETAINING WALL SCHEDULE AND DETAIL
SCALE: 3/4" = 1'-0"



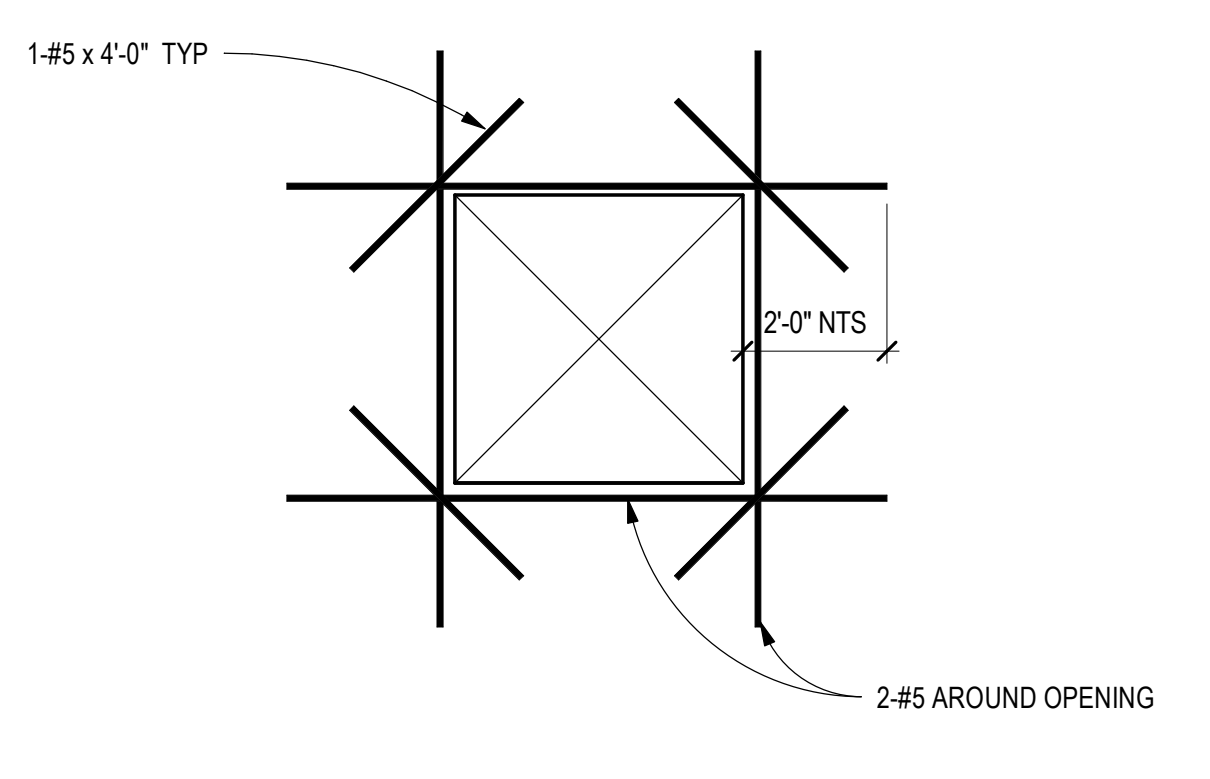
D1 TYPICAL VENEER TO CONC WALL
SCALE: NTS



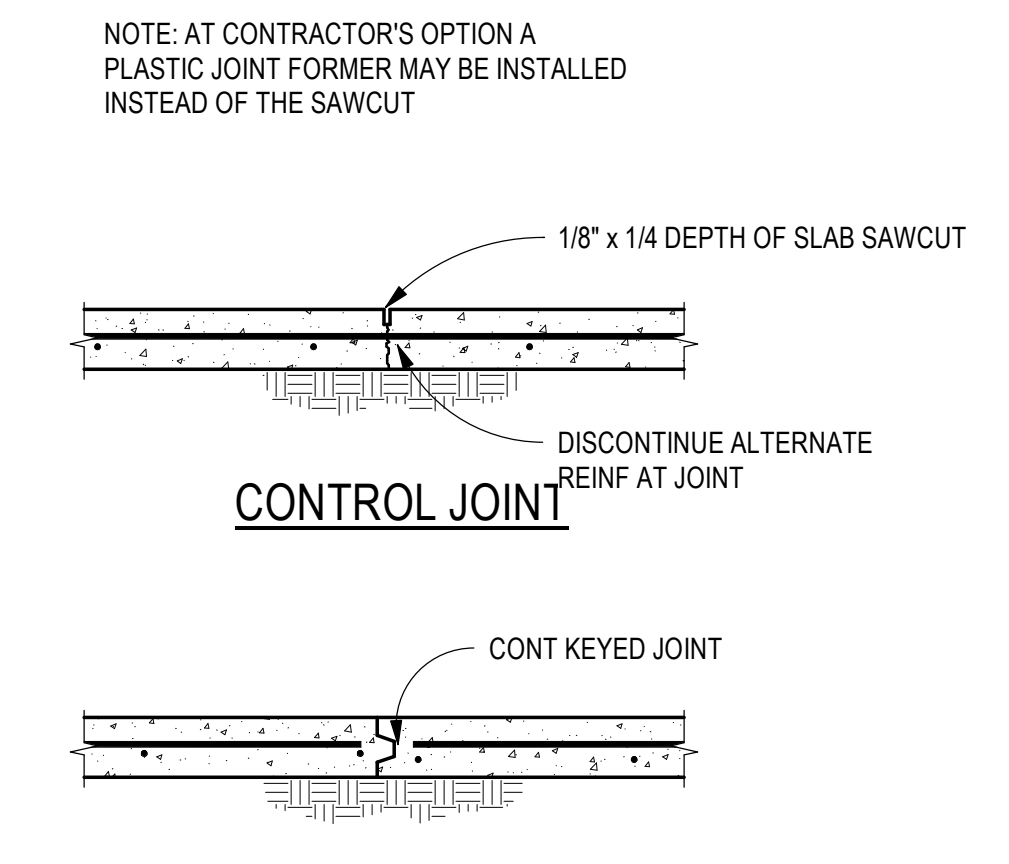
D2 TYPICAL WALL JOINT DETAIL
SCALE: NTS



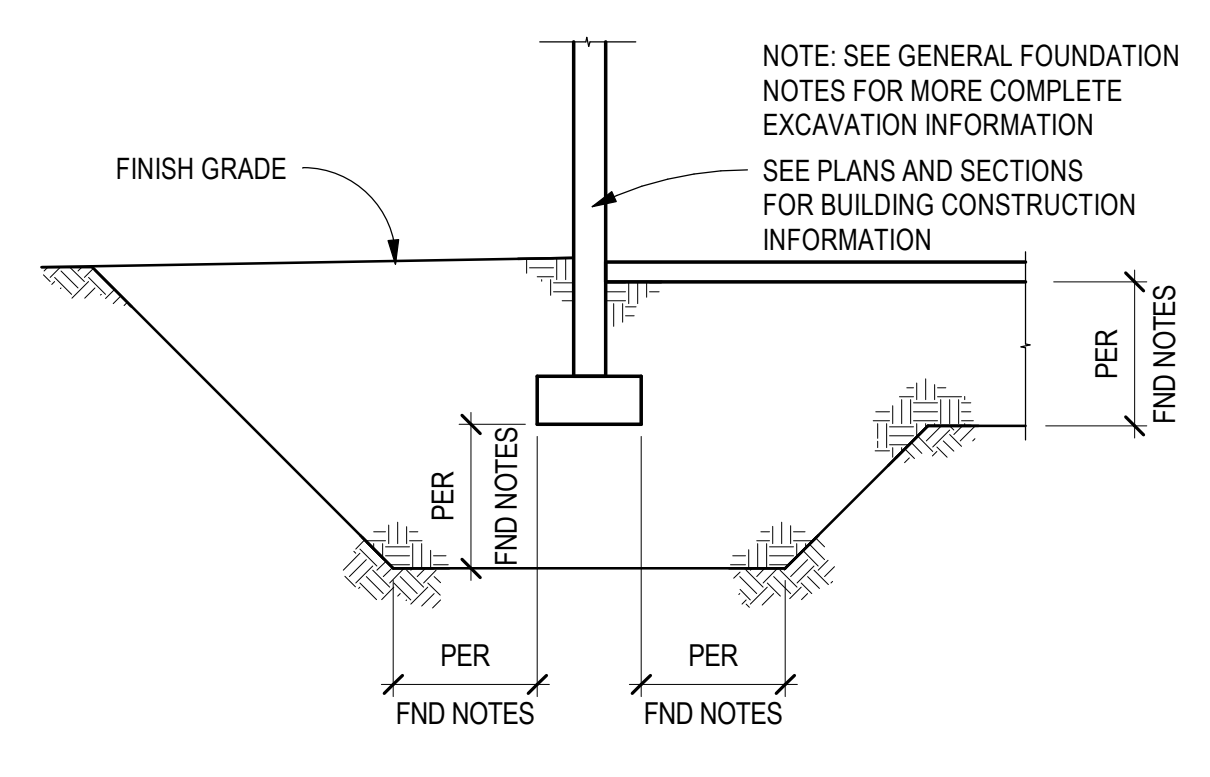
C3 TYPICAL DOUBLE MAT WALL REINF
SCALE: NTS



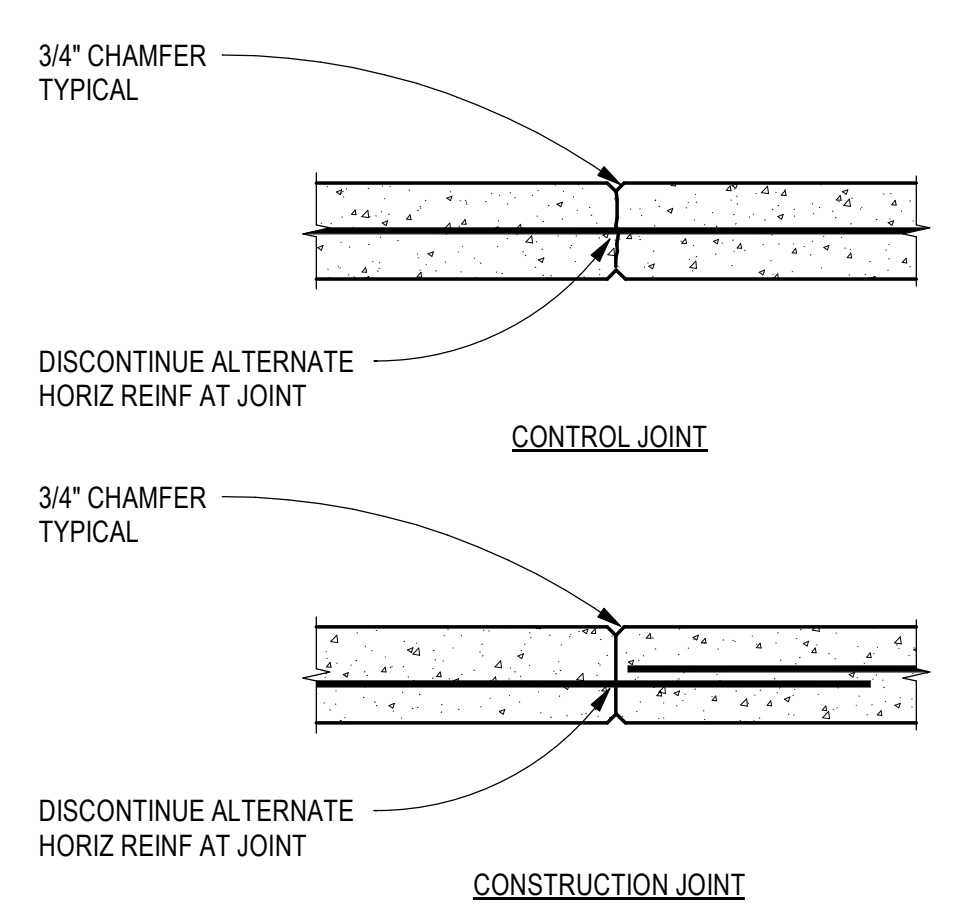
D4 TYPICAL OPNG IN CONC WALL DETAIL
SCALE: NTS



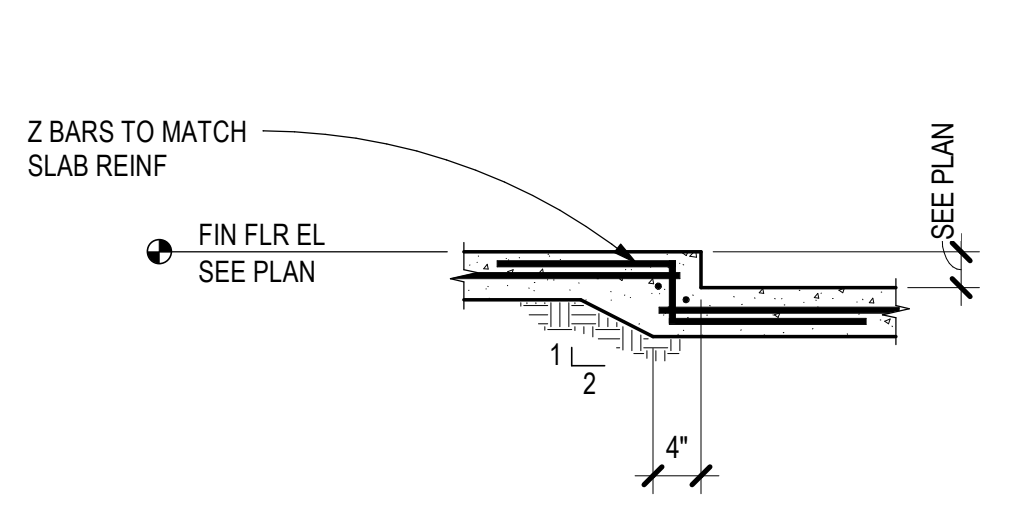
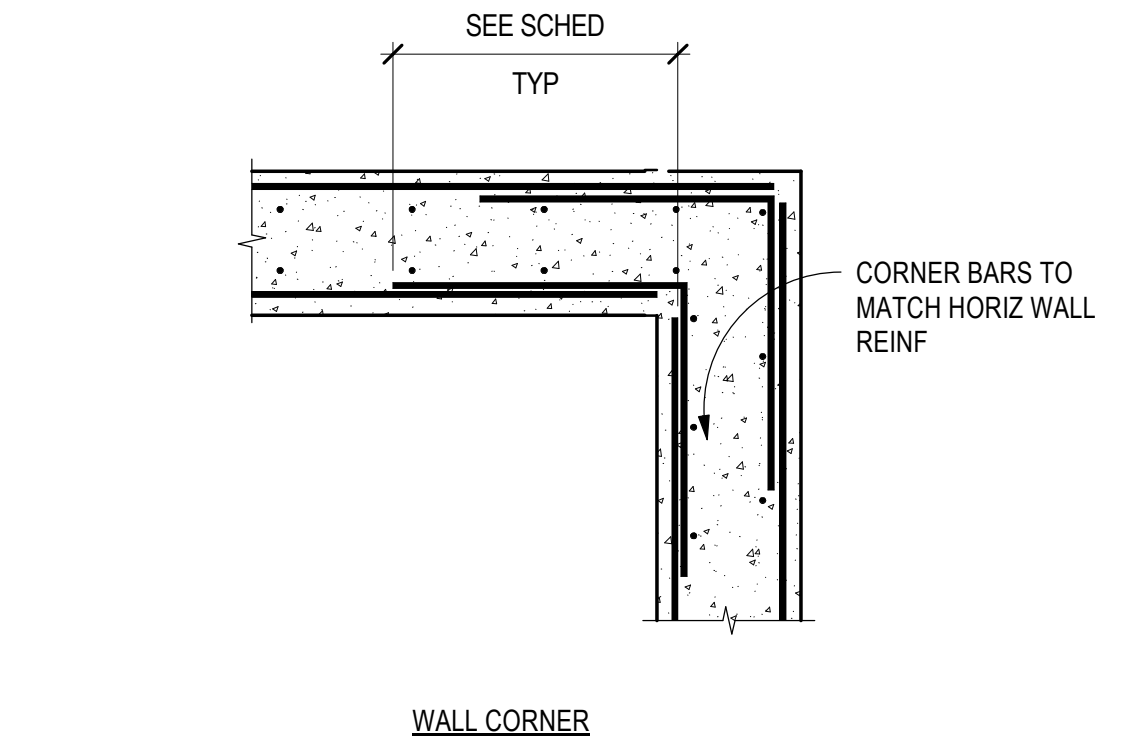
D5 TYPICAL SLAB JOINT
SCALE: NTS



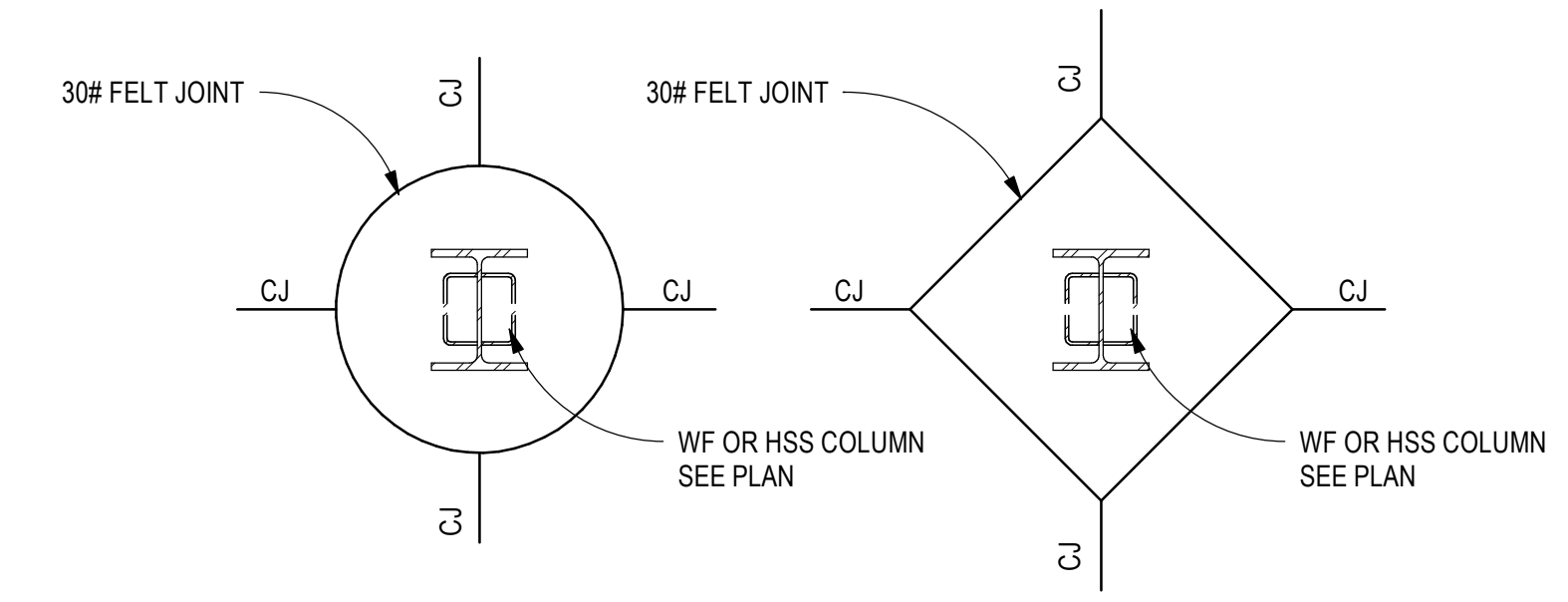
C1 TYPICAL FND EXCAVATION DETAIL
SCALE: NTS



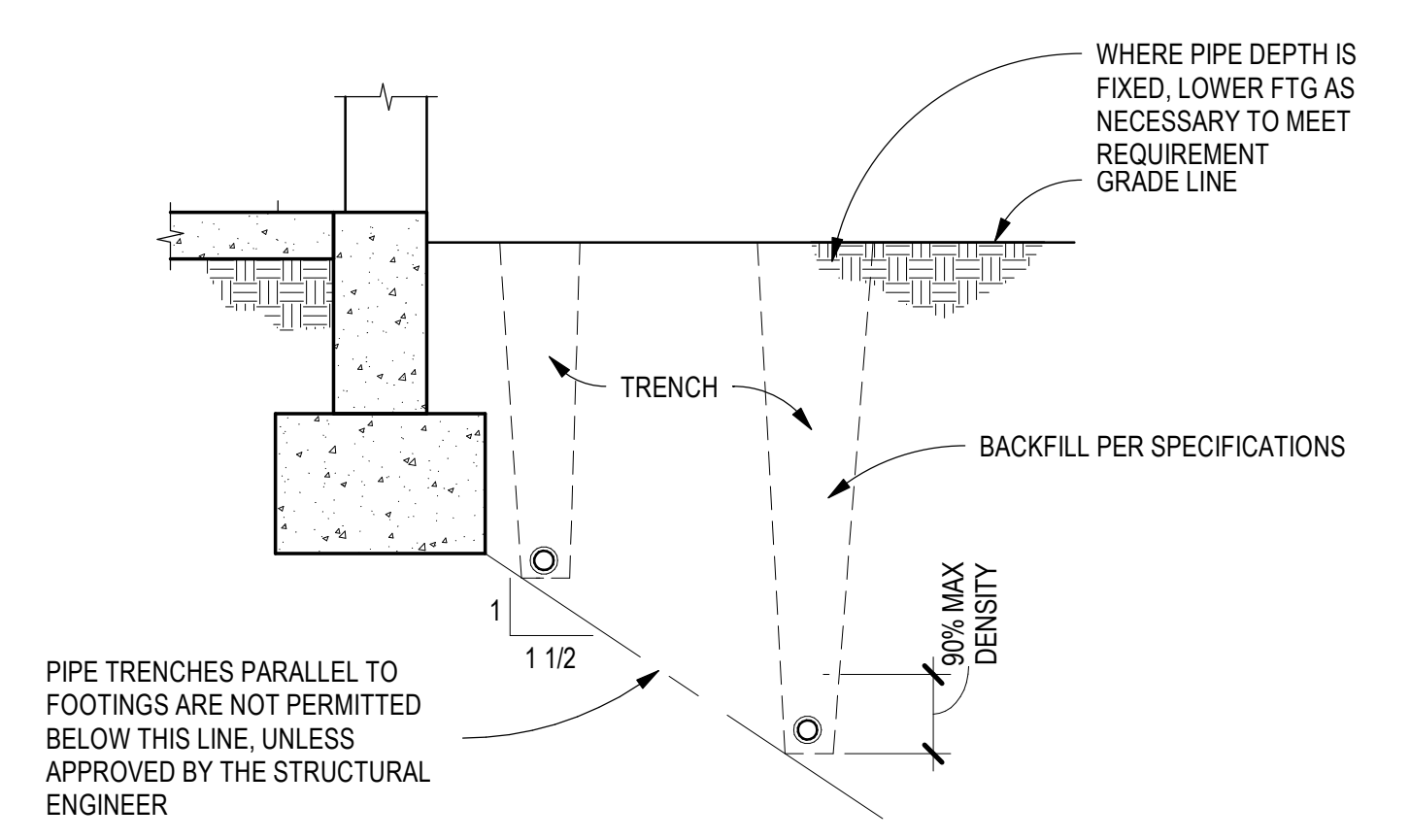
C2 TYPICAL WALL JOINT DETAIL
SCALE: NTS



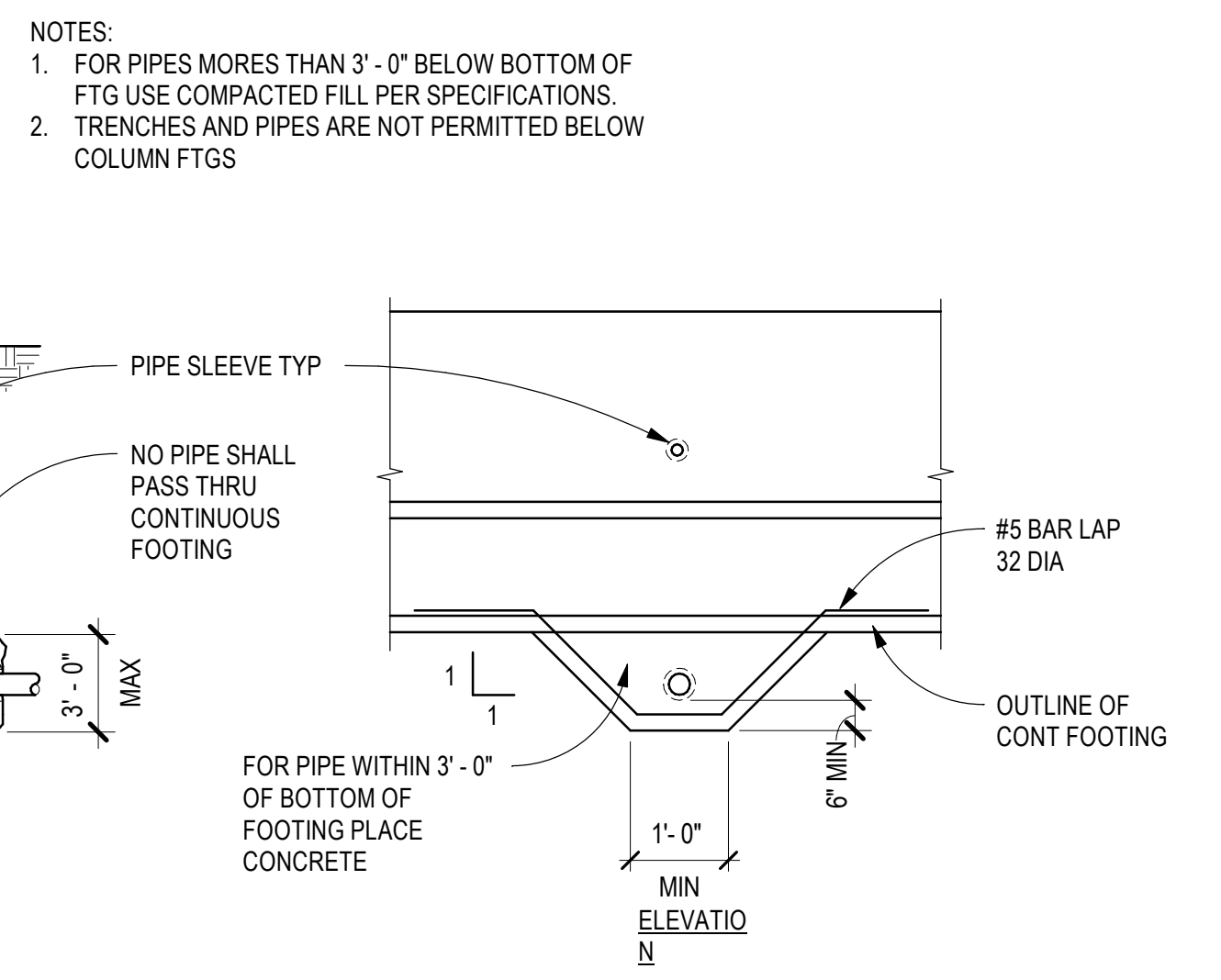
C4 TYPICAL DEPRESSED SLAB
SCALE: 3/4\"/>



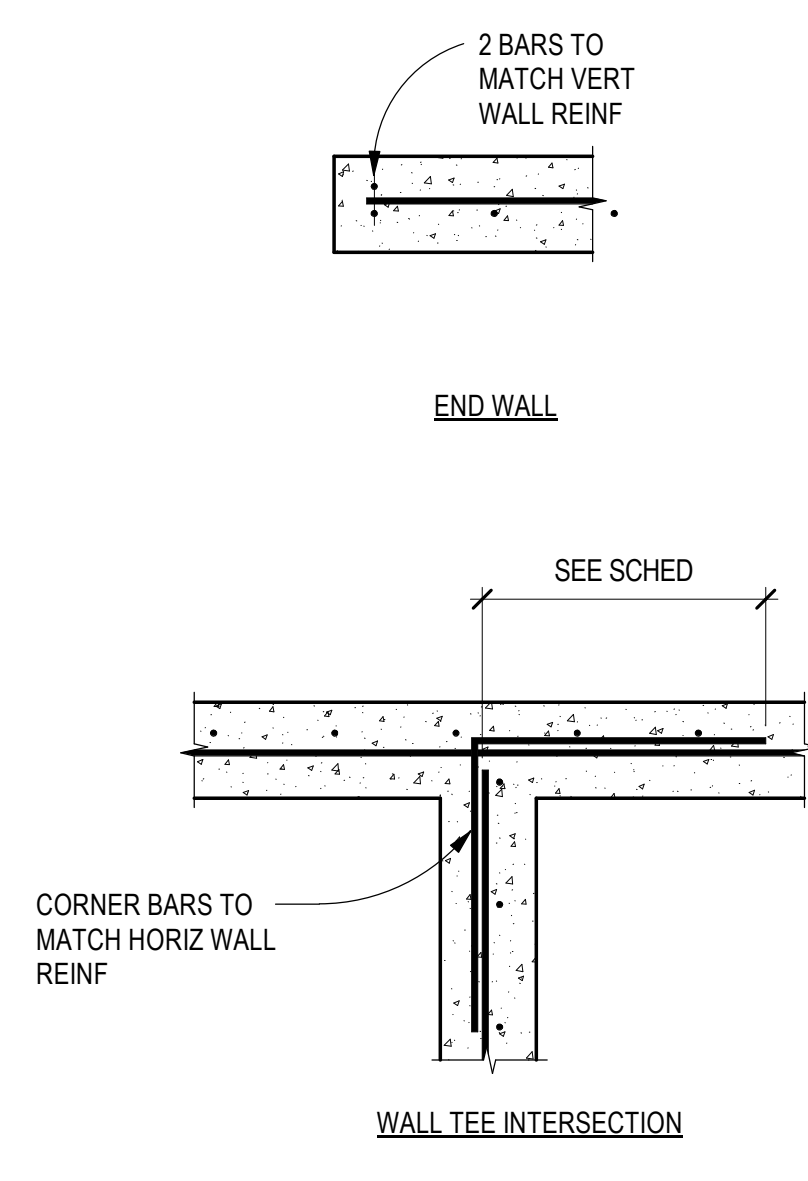
C5 TYPICAL COLUMN BLOCKOUT
SCALE: NTS



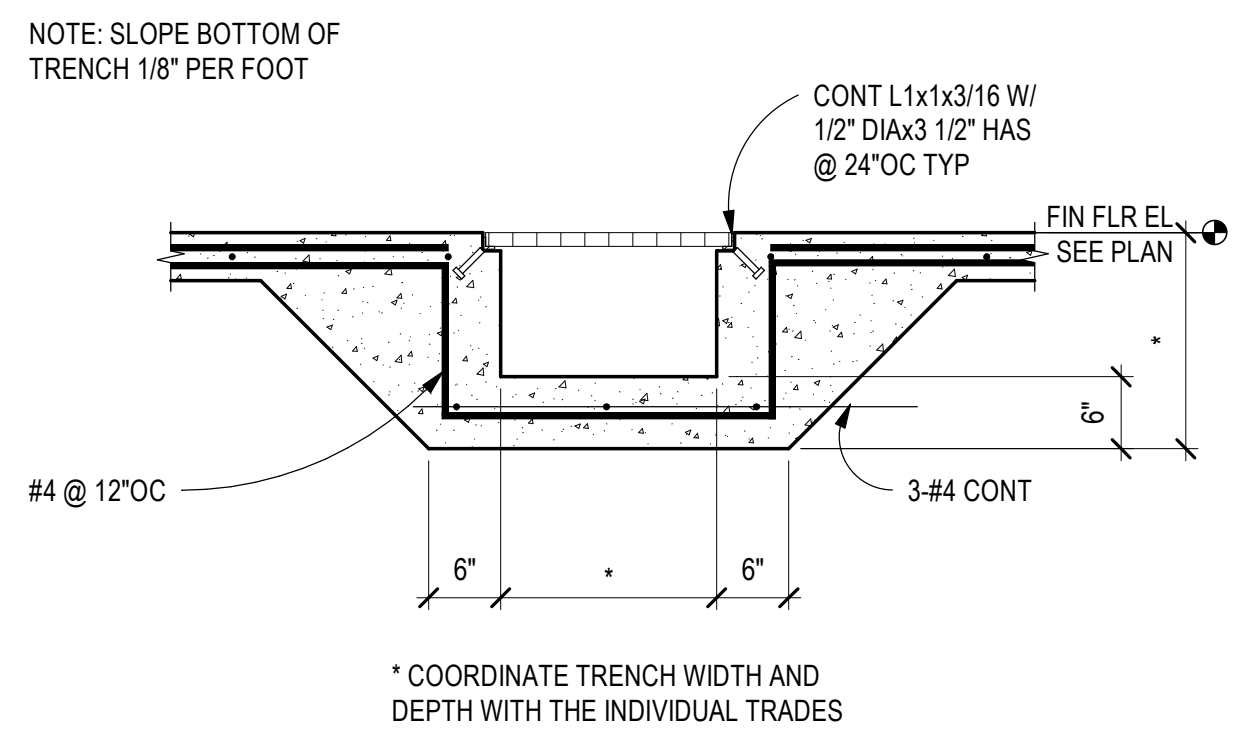
A1 TYPICAL PIPE PENETRATION AND TRENCH DETAILS
SCALE: NTS



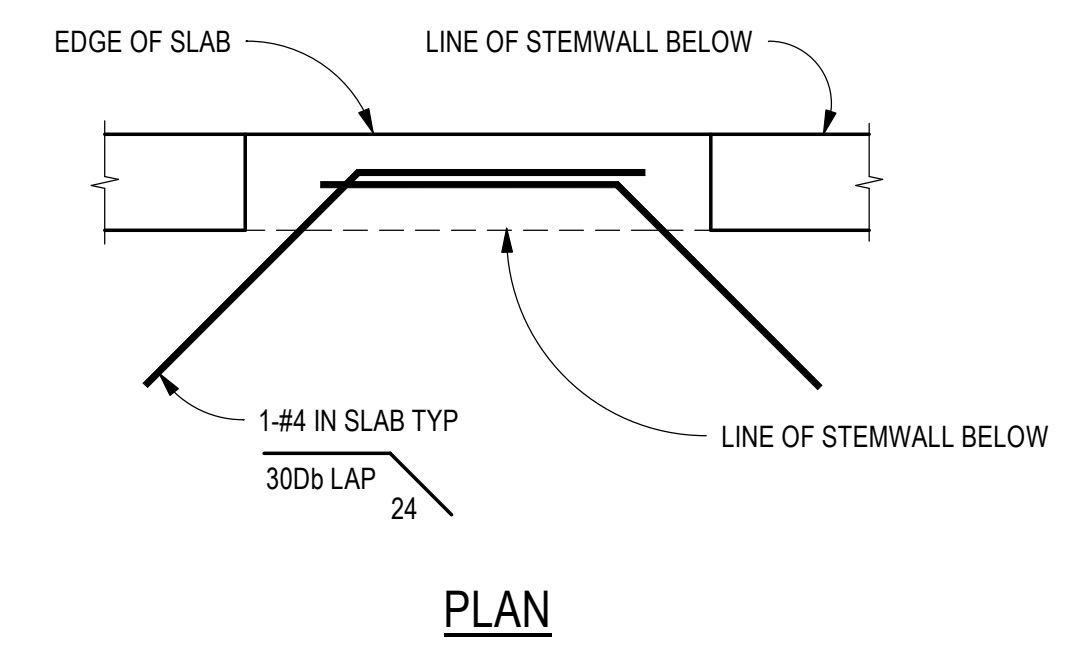
PIPE AND TRENCHES TRANSVERSE TO FOOTINGS



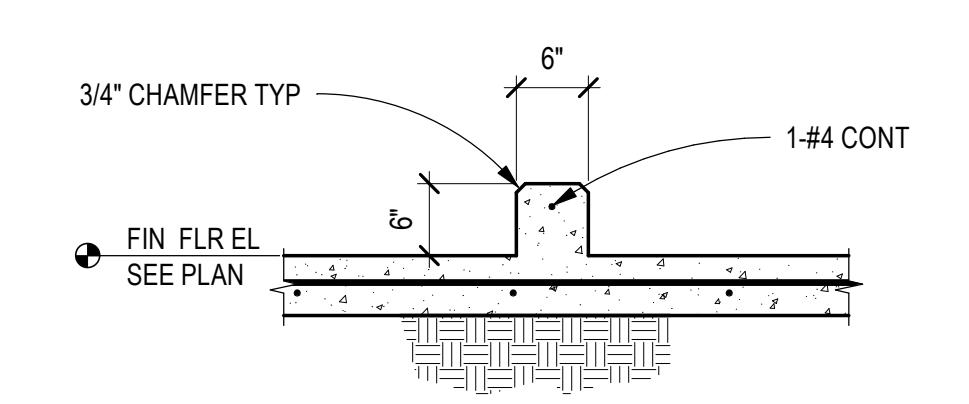
A3 TYPICAL SINGLE MAT WALL REINF
SCALE: NTS



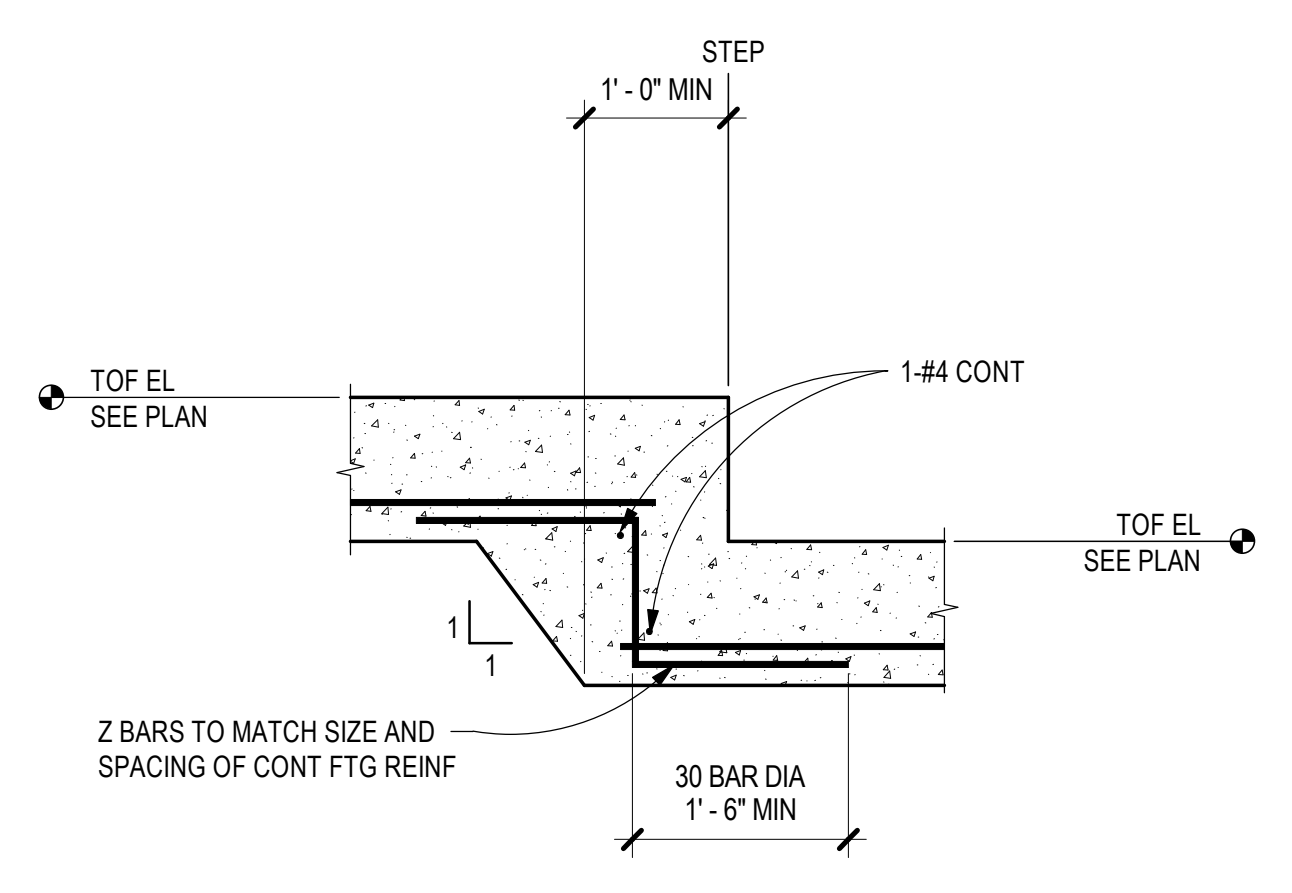
B4 TYPICAL TRENCH SECTION
SCALE: NTS



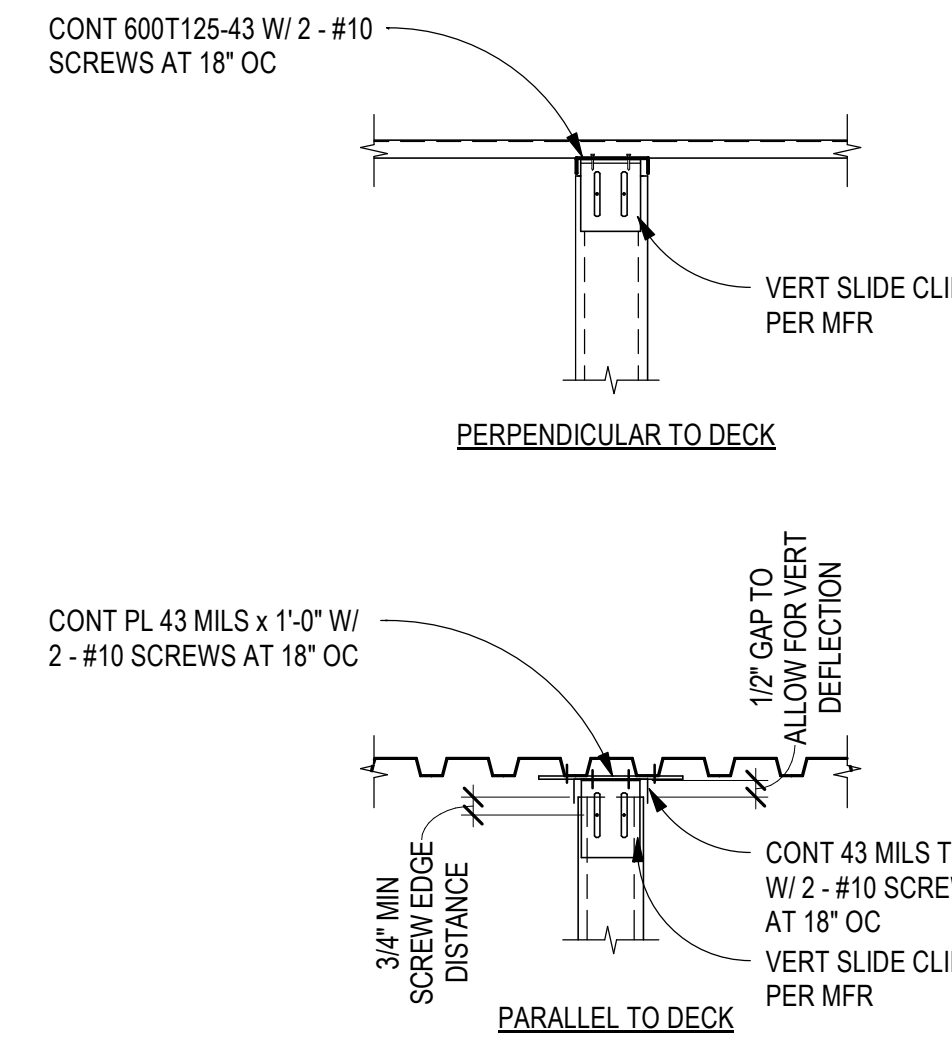
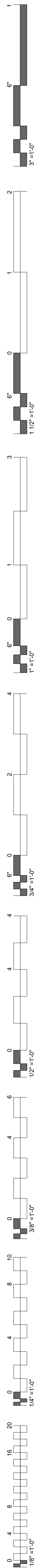
B5 TYPICAL SLAB REINF AT OPNG
SCALE: NTS



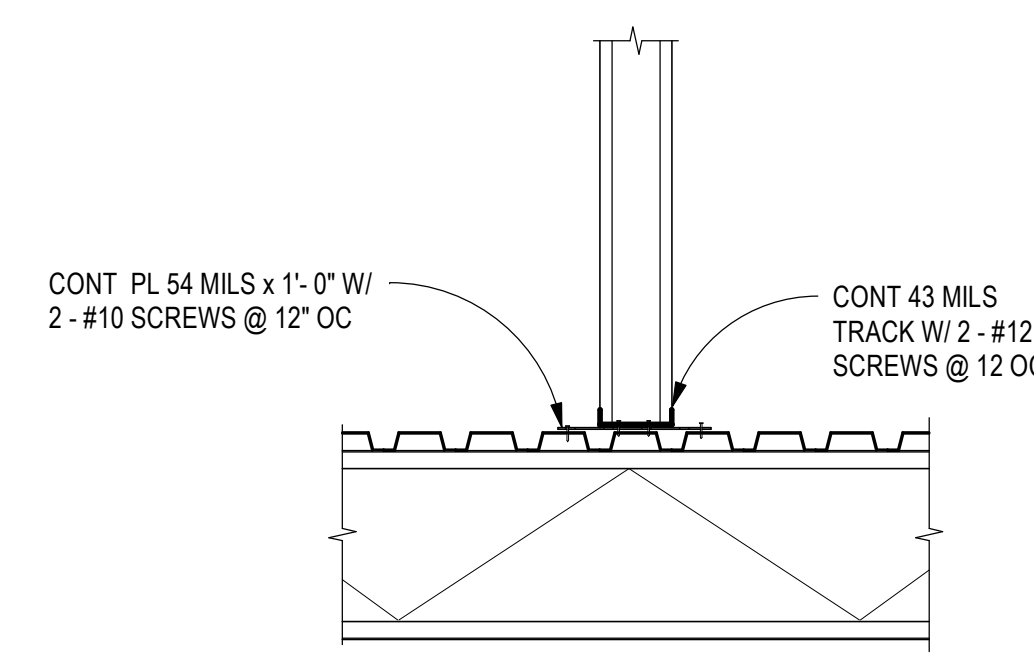
A4 TYPICAL CURB SECTION
SCALE: NTS



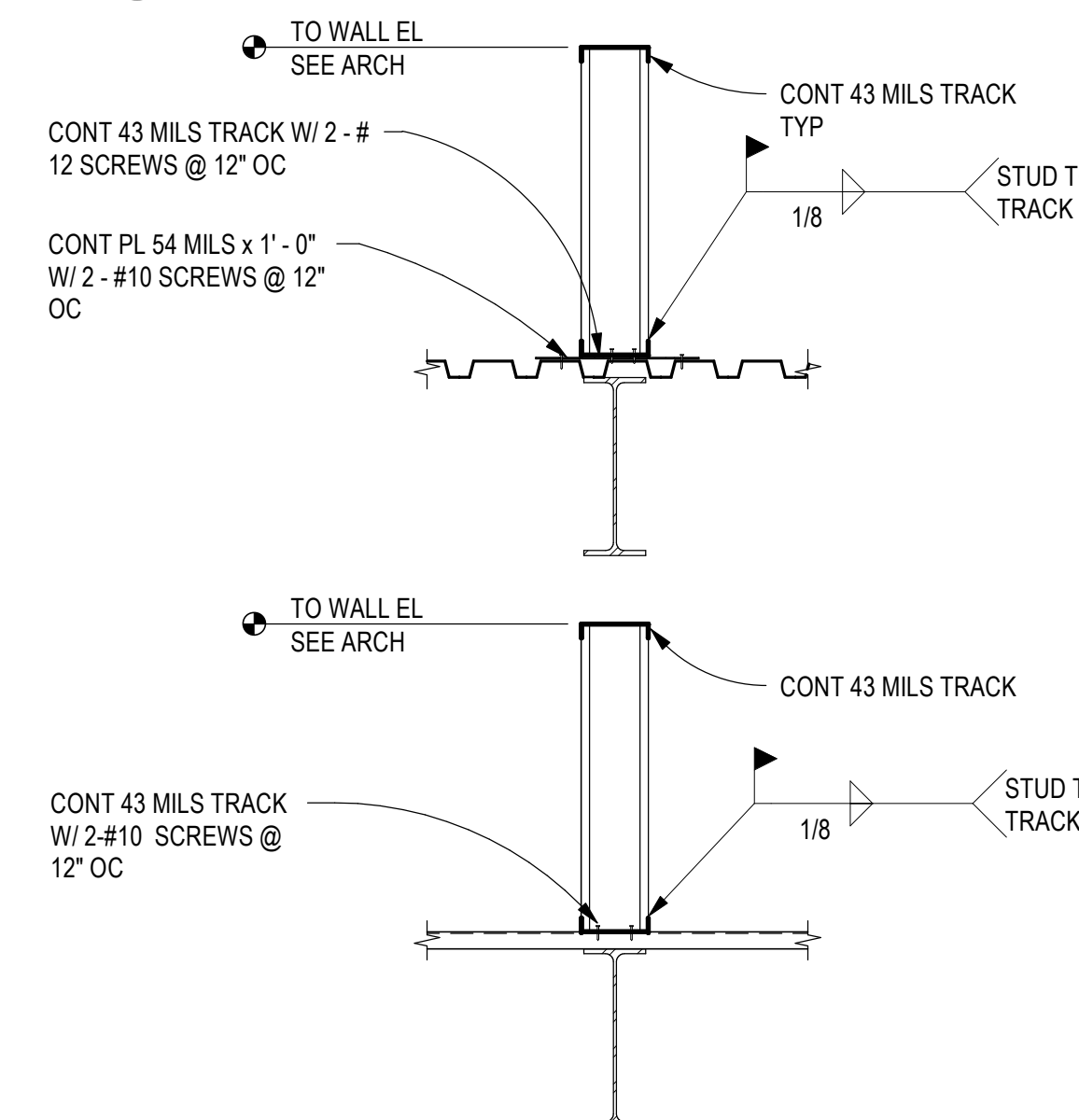
A5 TYPICAL STEPPED FOOTING DETAIL
SCALE: NTS



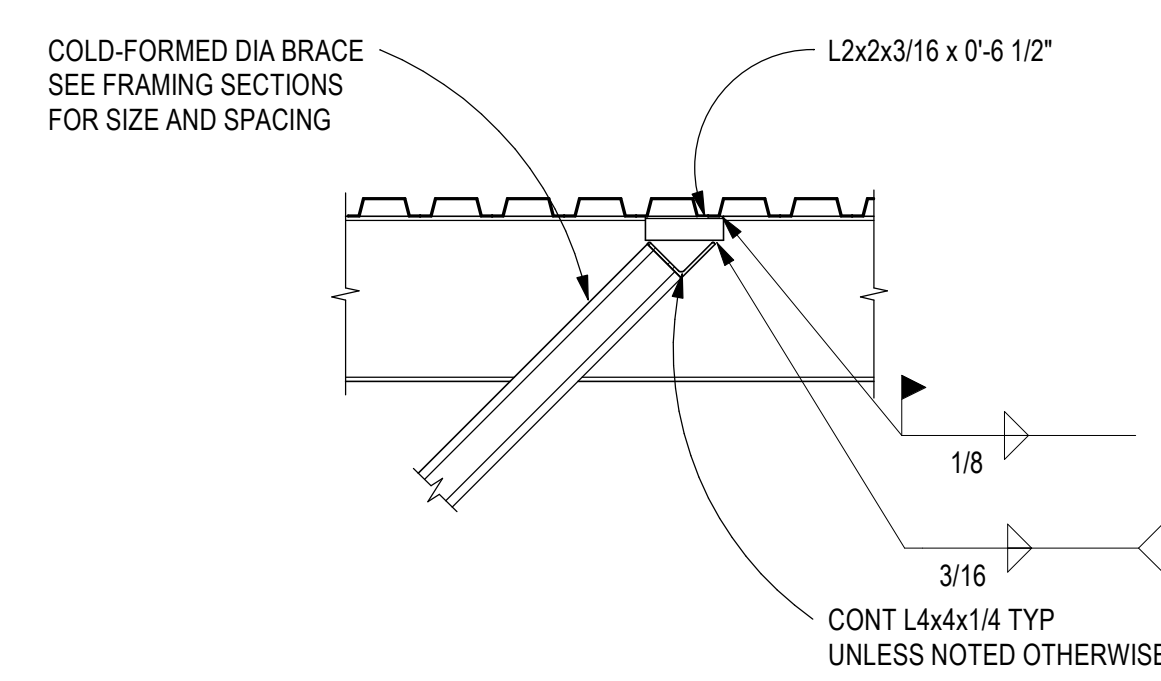
D4 TYPICAL SLIP TRACK ASSEMBLY
SCALE: NTS



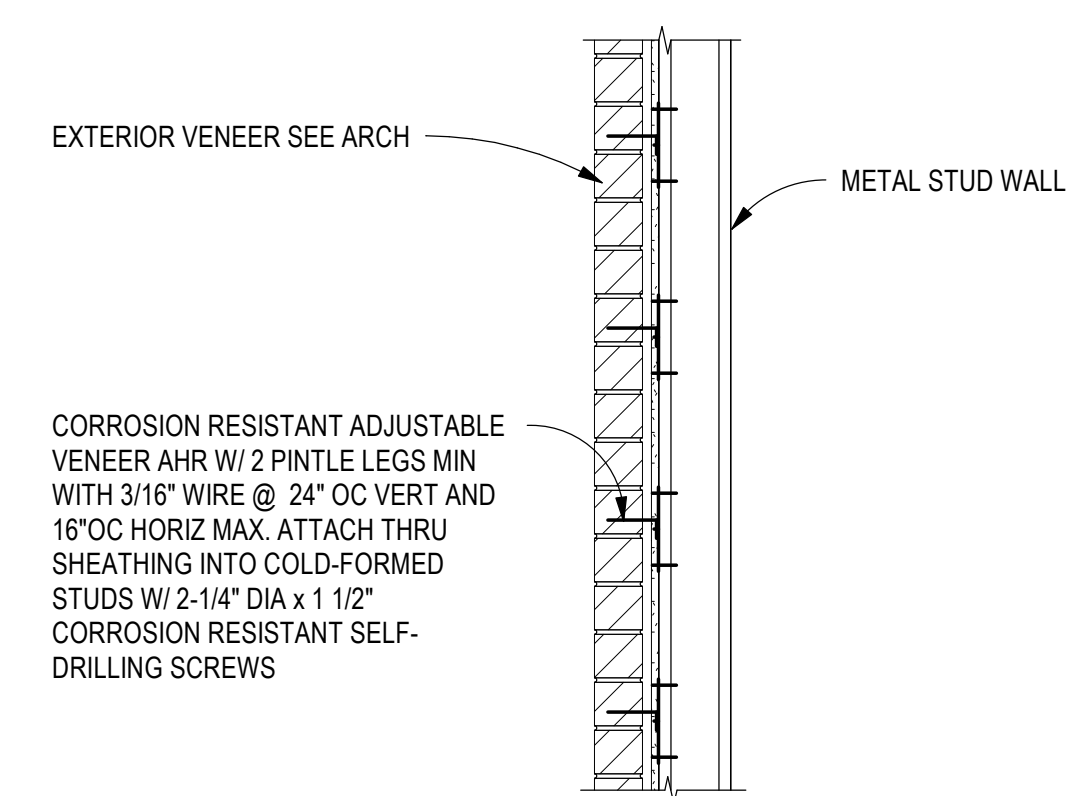
C4 TYPICAL STUD AT METAL DECK
SCALE: 3/4" = 1'-0"



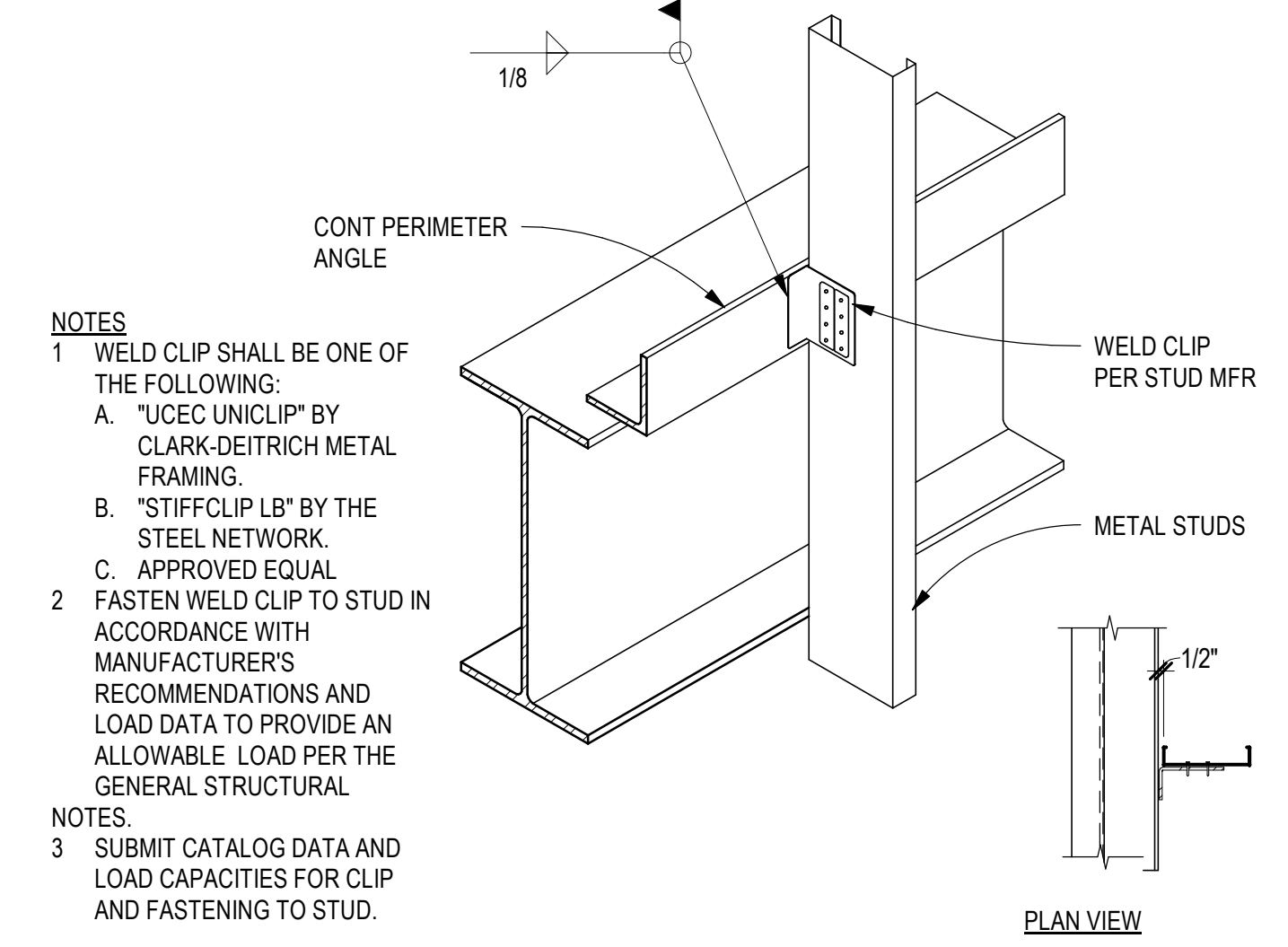
B4 TYPICAL PARAPET TO DECK
SCALE: 3/4" = 1'-0"



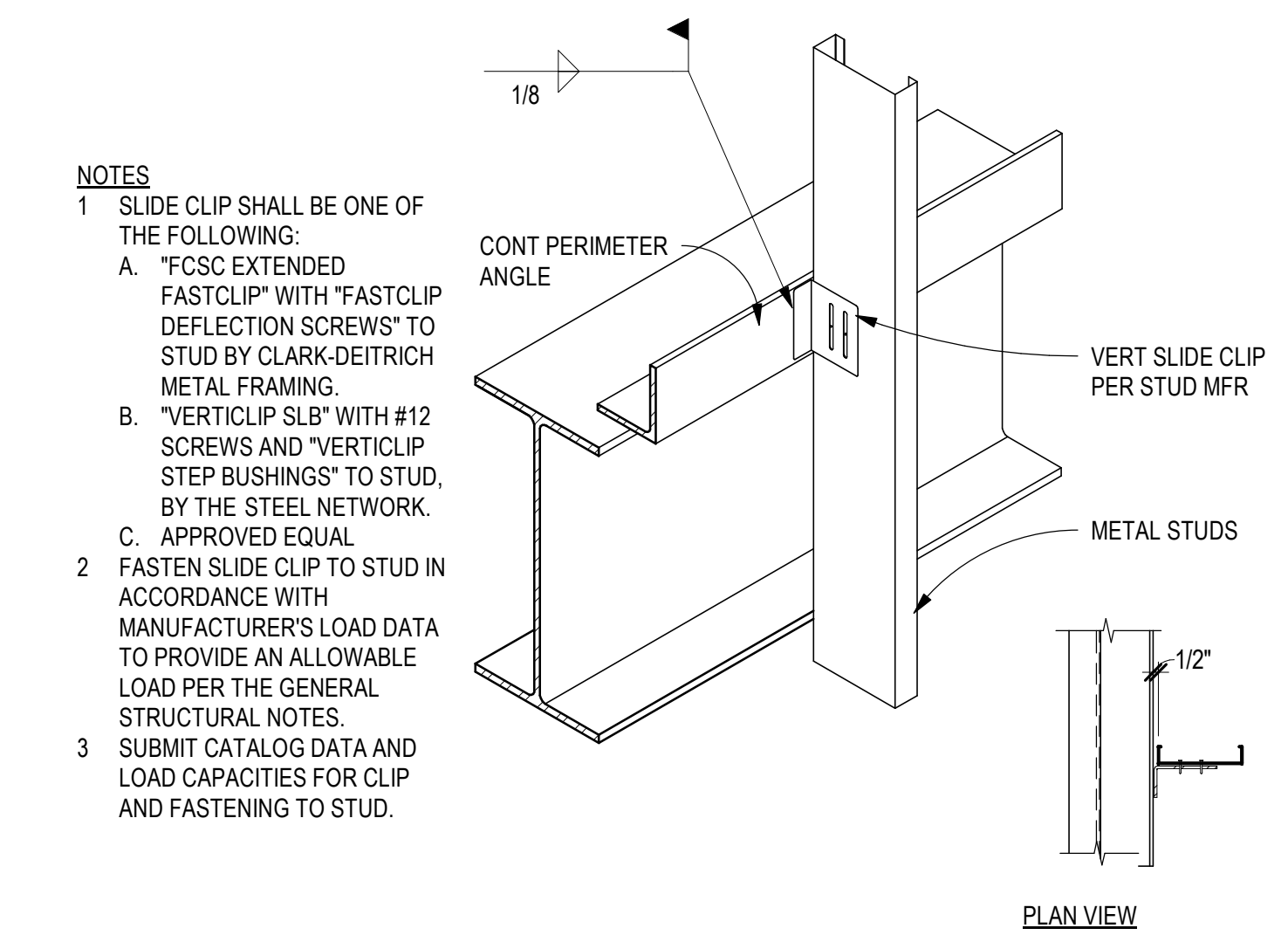
A3 TYPICAL DIAG BRACE TO DECK
SCALE: 3/4" = 1'-0"



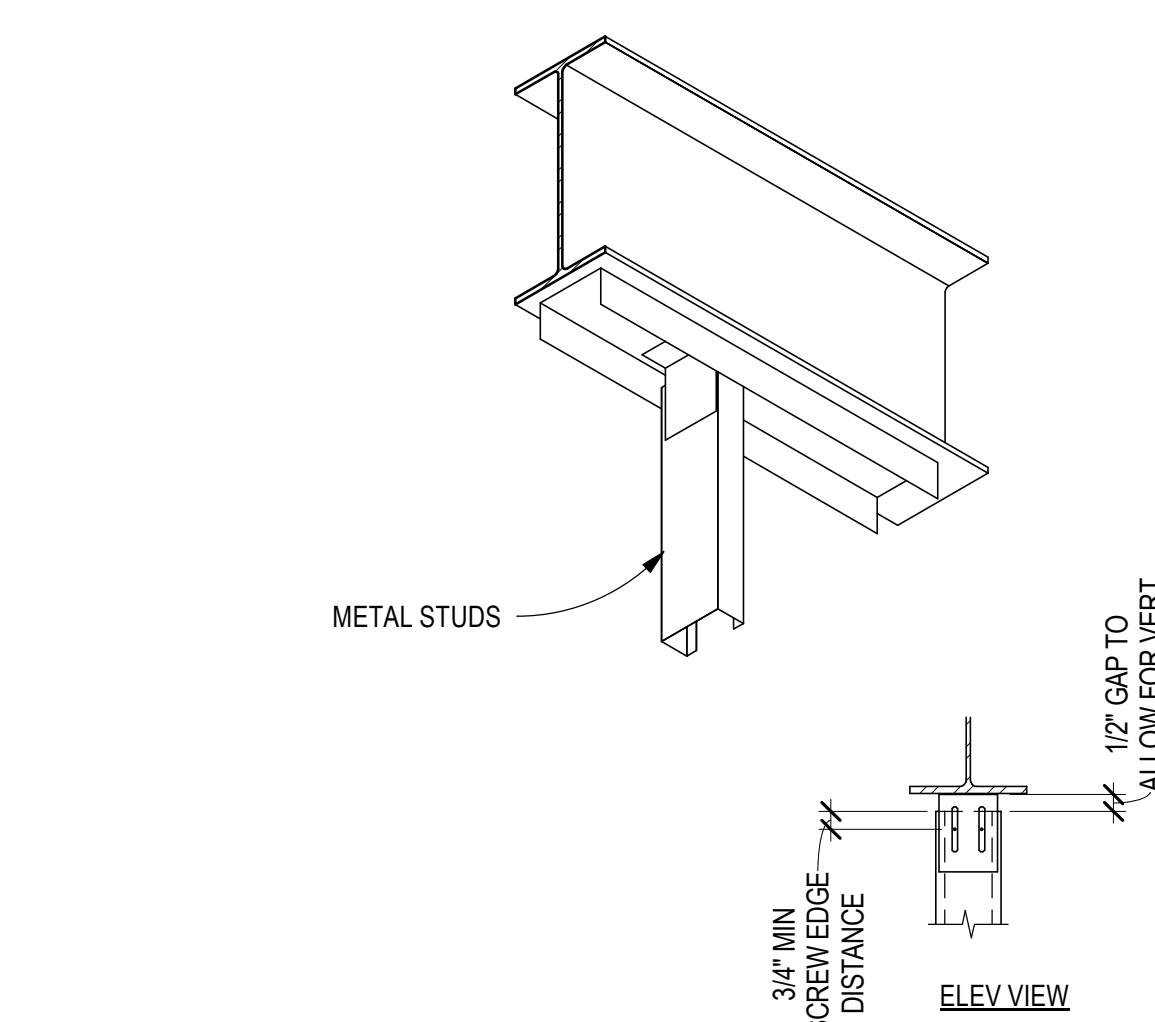
A4 TYPICAL VENEER ON MTL STUDS
SCALE: 3/4" = 1'-0"



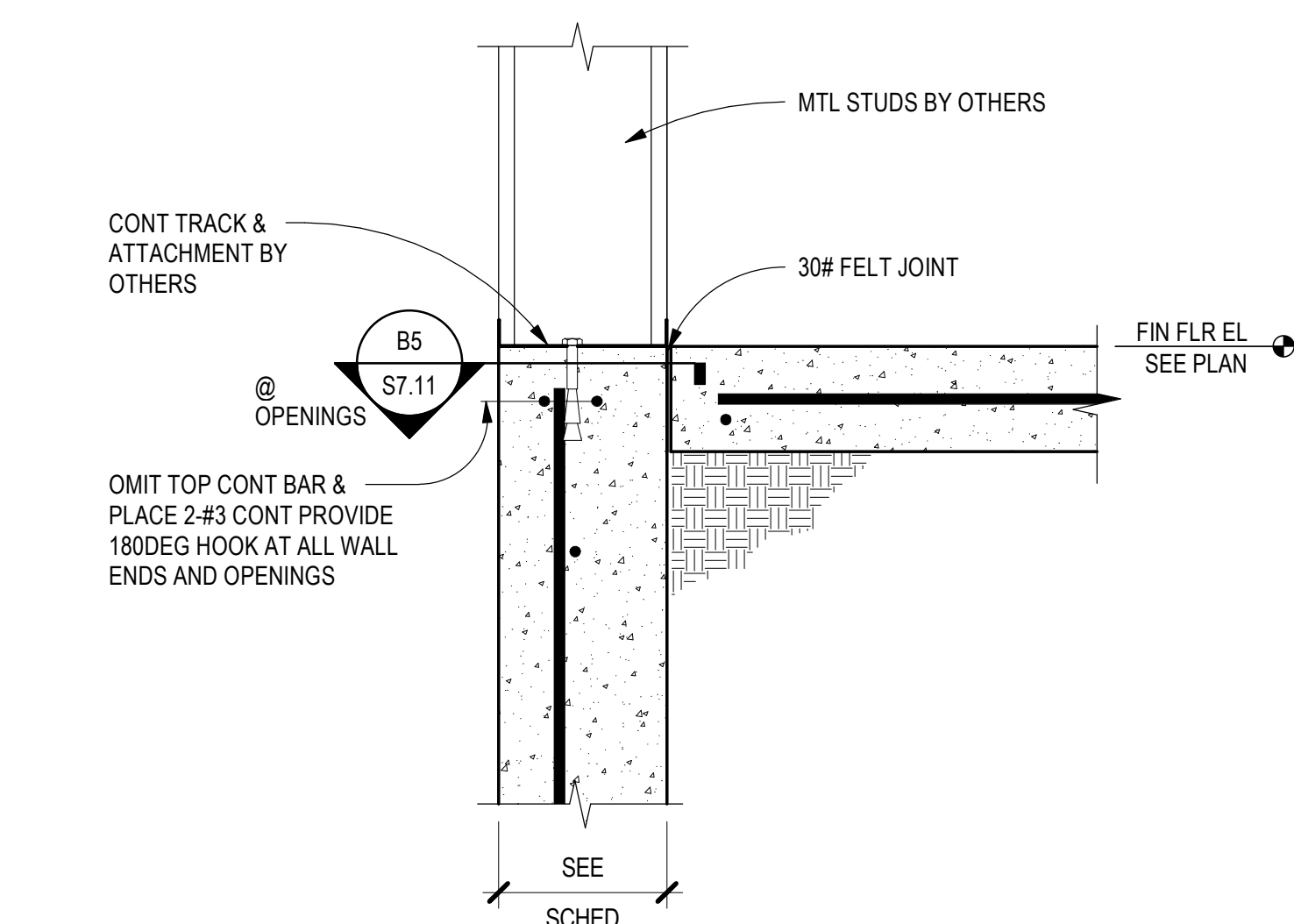
D5 TYPICAL WELD CLIP
SCALE: NTS



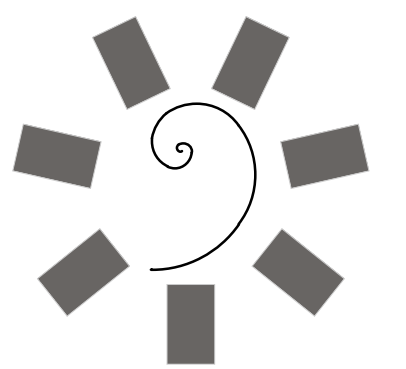
C5 TYPICAL VERTICAL SLIDE CLIP
SCALE: NTS



B5 TYPICAL SLIP TRACK ASSEMBLY
SCALE: NTS



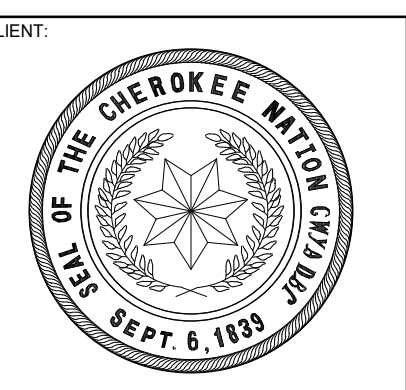
A5 TYPICAL SLIP TRACK @ CONC STEMWALL
SCALE: 1 1/2" = 1'-0"



James R. Childers Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com

PROFESSIONAL SEAL
NOTE: THIS STRUCTURAL PACKAGE MAY BE USED FOR PROCUREMENT OF STRUCTURAL STEEL SHAPES. ANY CHANGES TO THE PROJECT, INCLUDING, BUT NOT LIMITED TO, LOADING REQUIREMENTS, GEOMETRY CHANGES IN PLAN OR ELEVATION, SPACE USAGE REVISIONS, OR VALUE ENGINEERING MAY AFFECT THE STRUCTURAL STEEL MEMBER REQUIREMENTS OF THE ALREADY PROCURED STEEL.

CONSULTANT LOGO



COLLEGE OF **Osteopathic Medicine**
AT THE CHEROKEE NATION
TAHLEQUAH, OKLAHOMA



KEY PLAN

PROJECT PHASE:
BULK STEEL PACKAGE
NOT FOR CONSTRUCTION

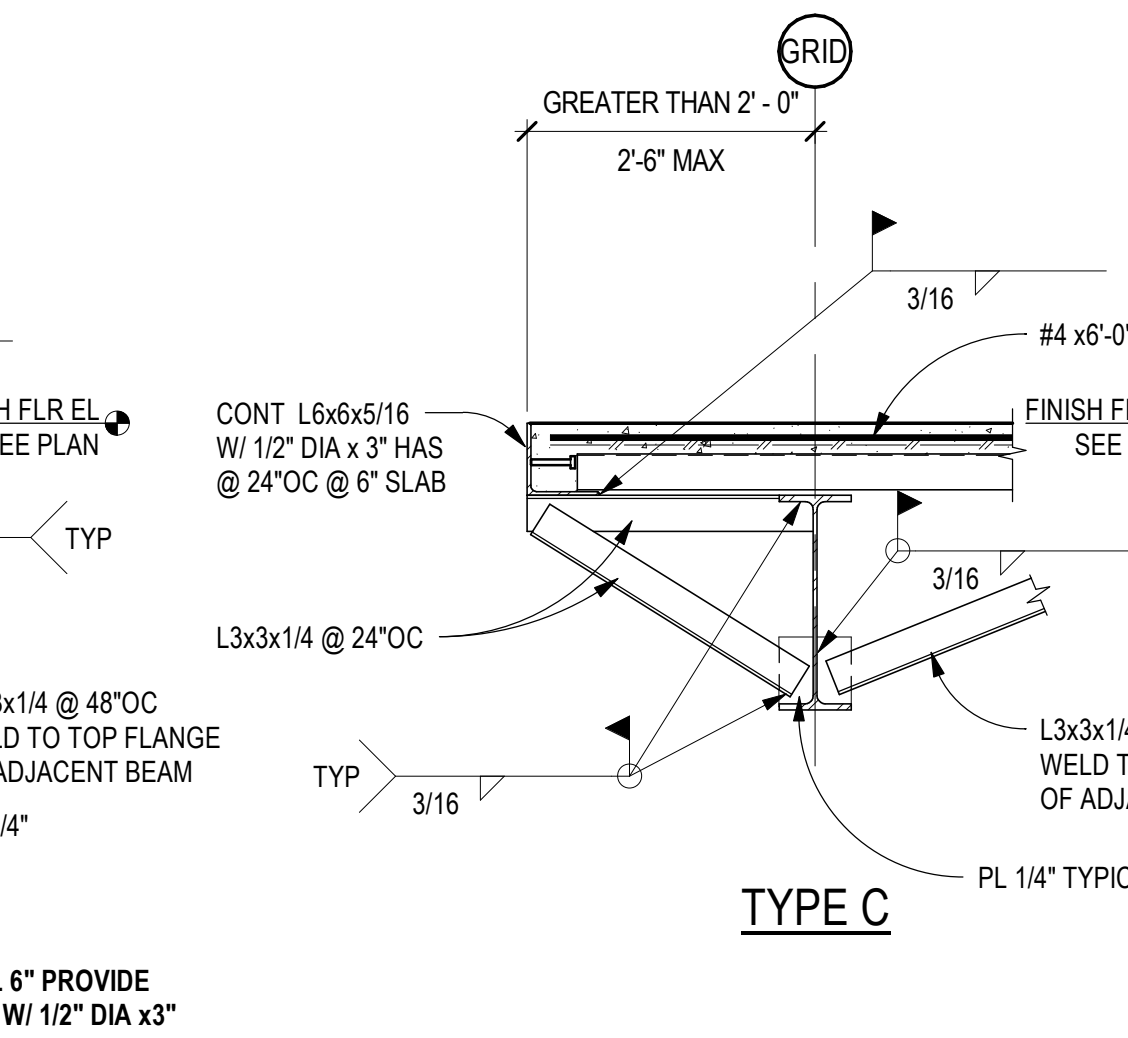
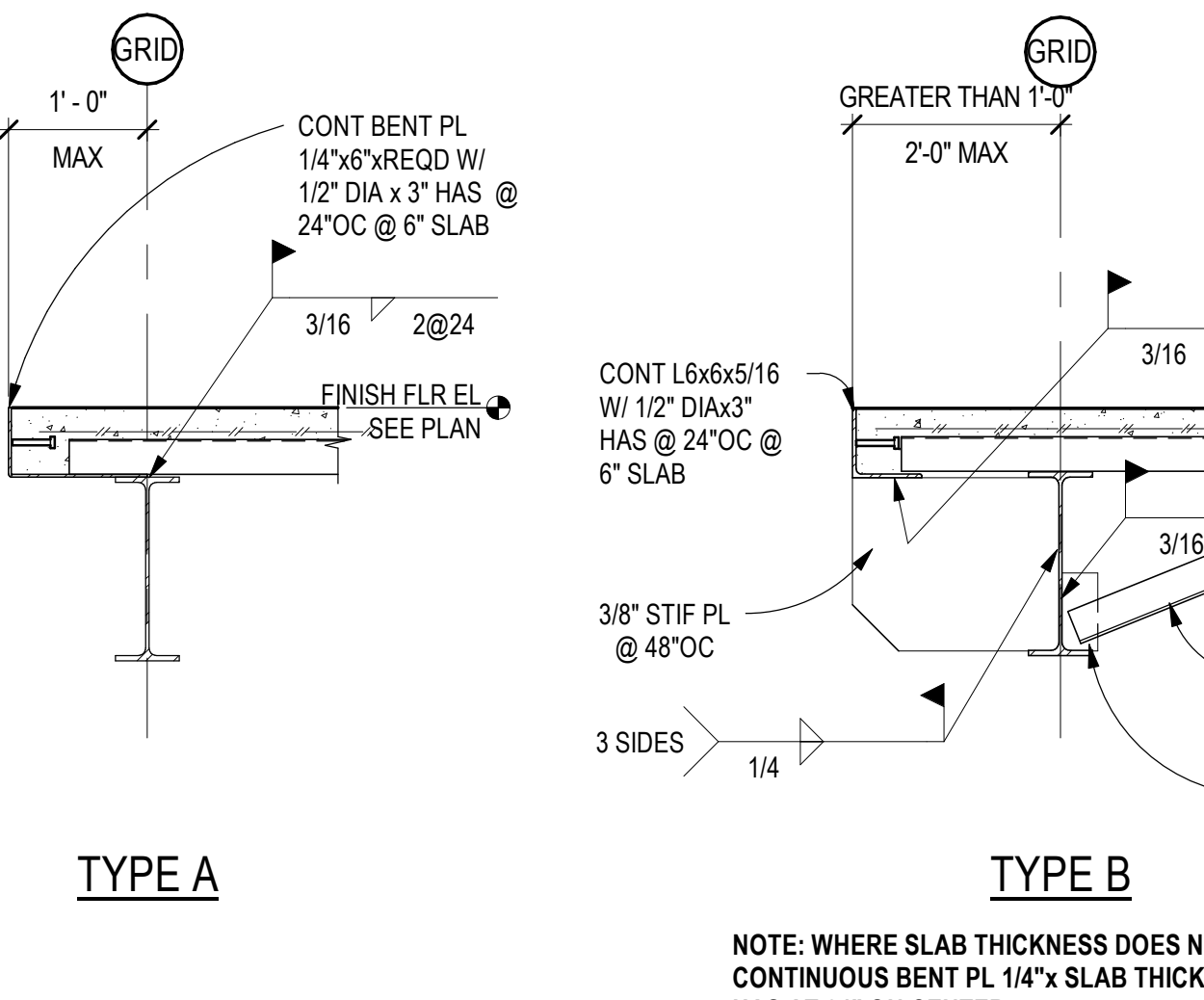
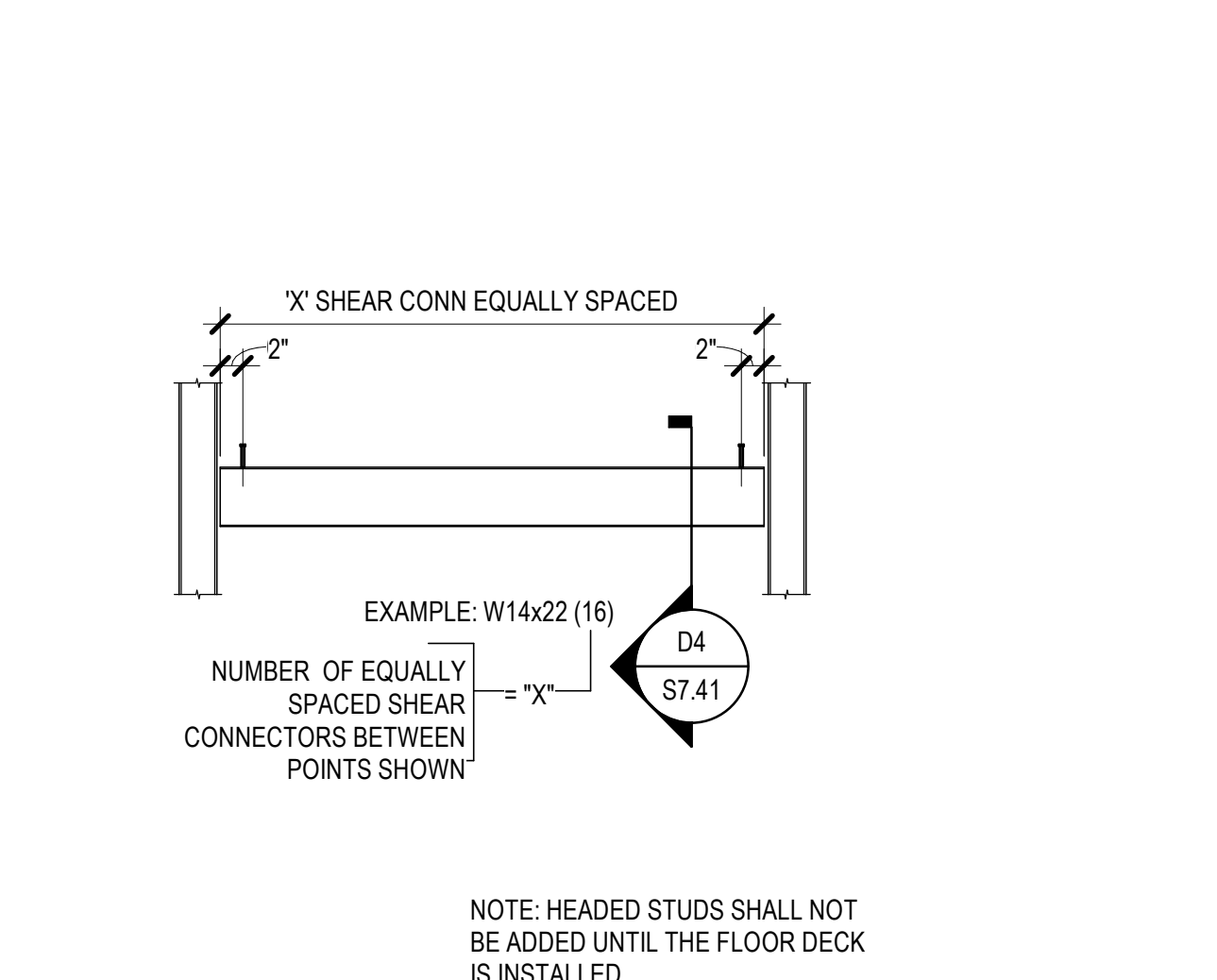
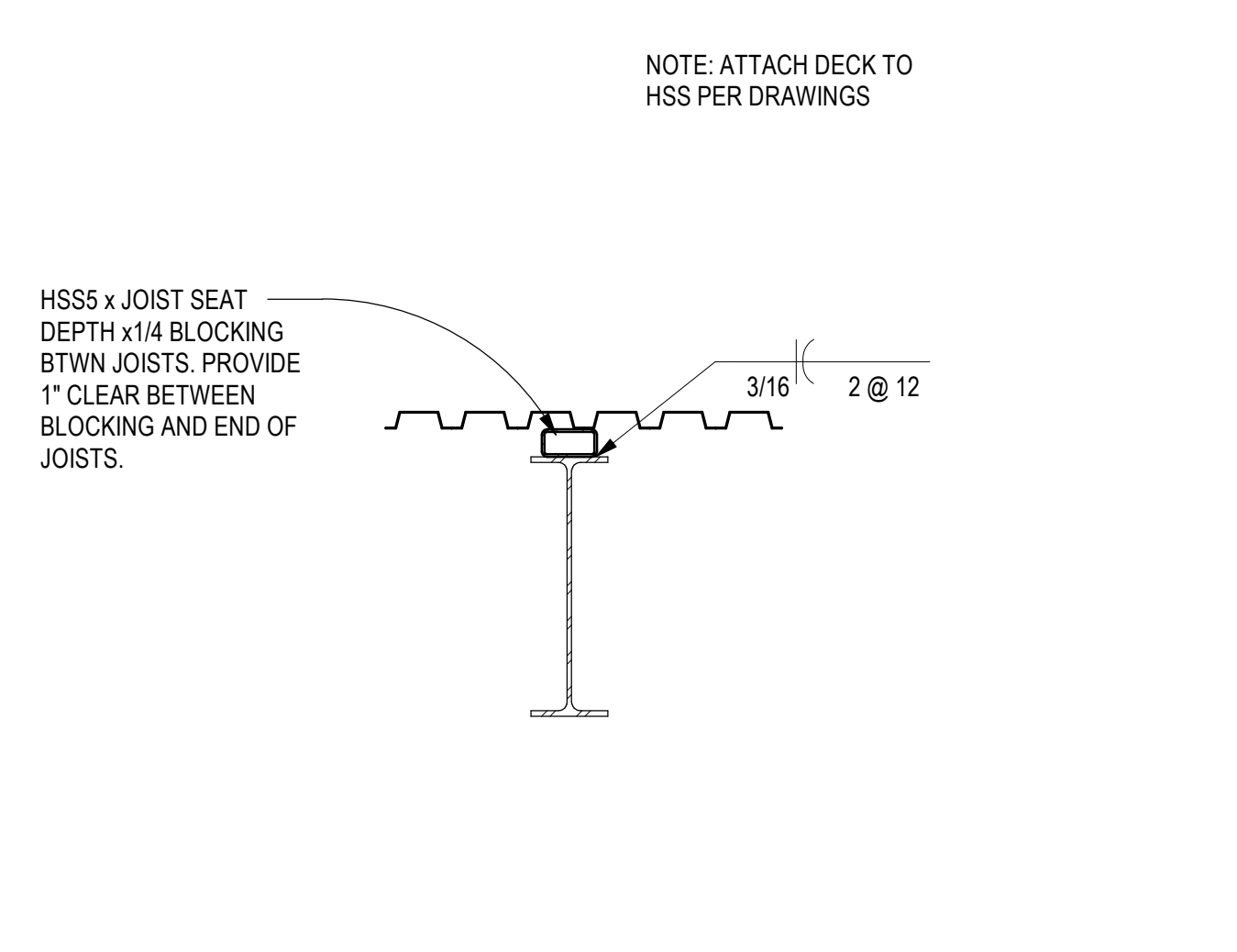
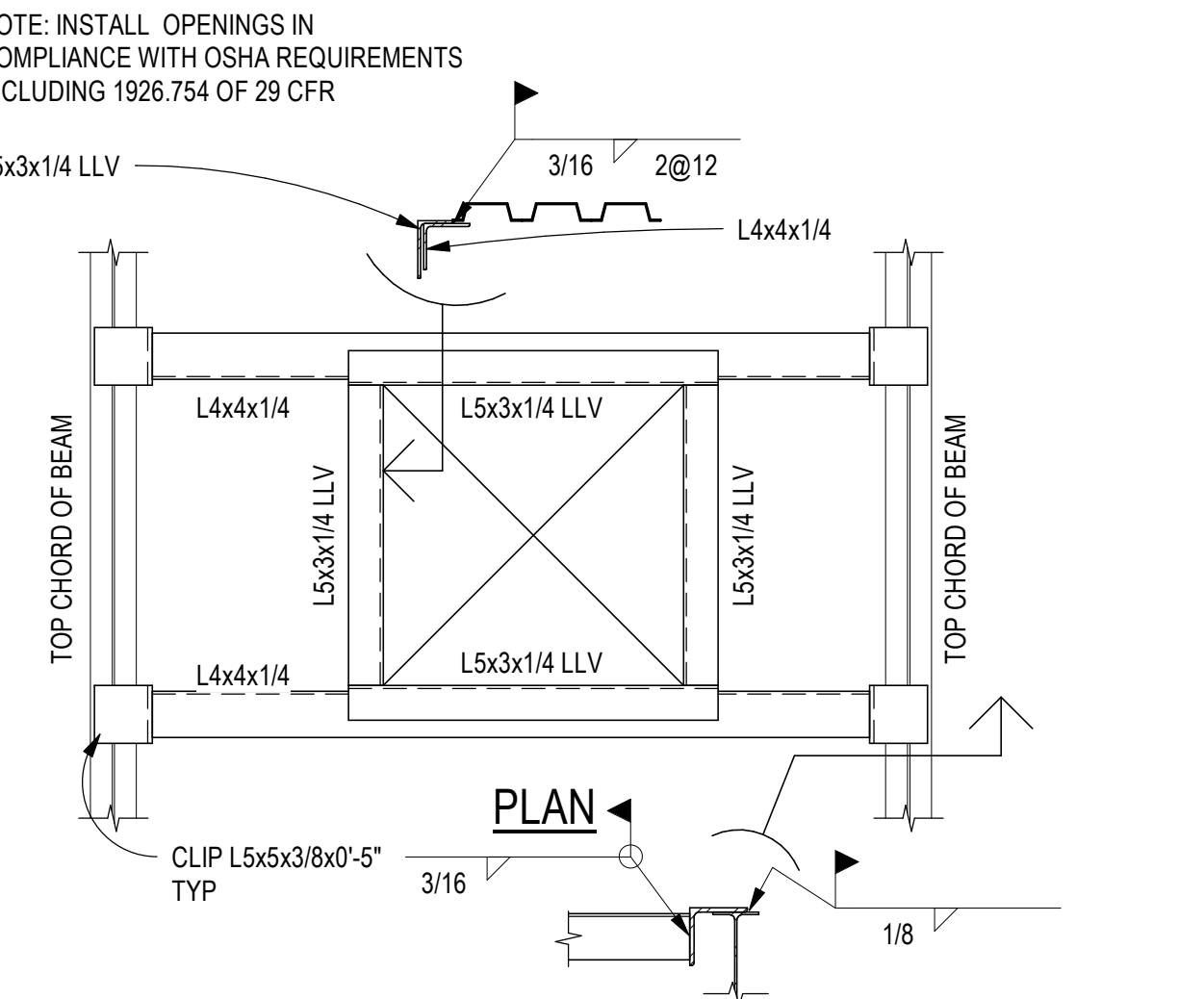
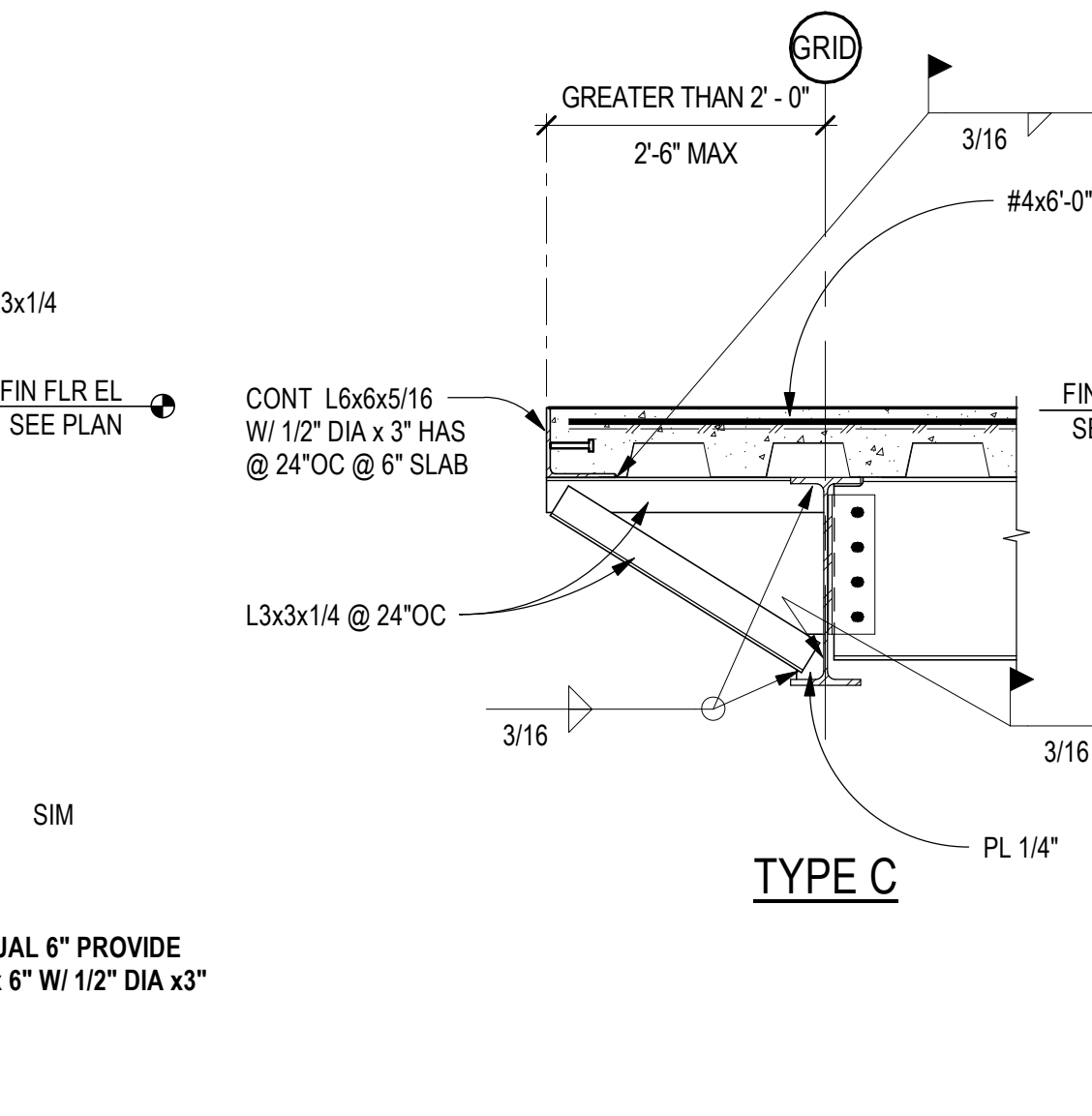
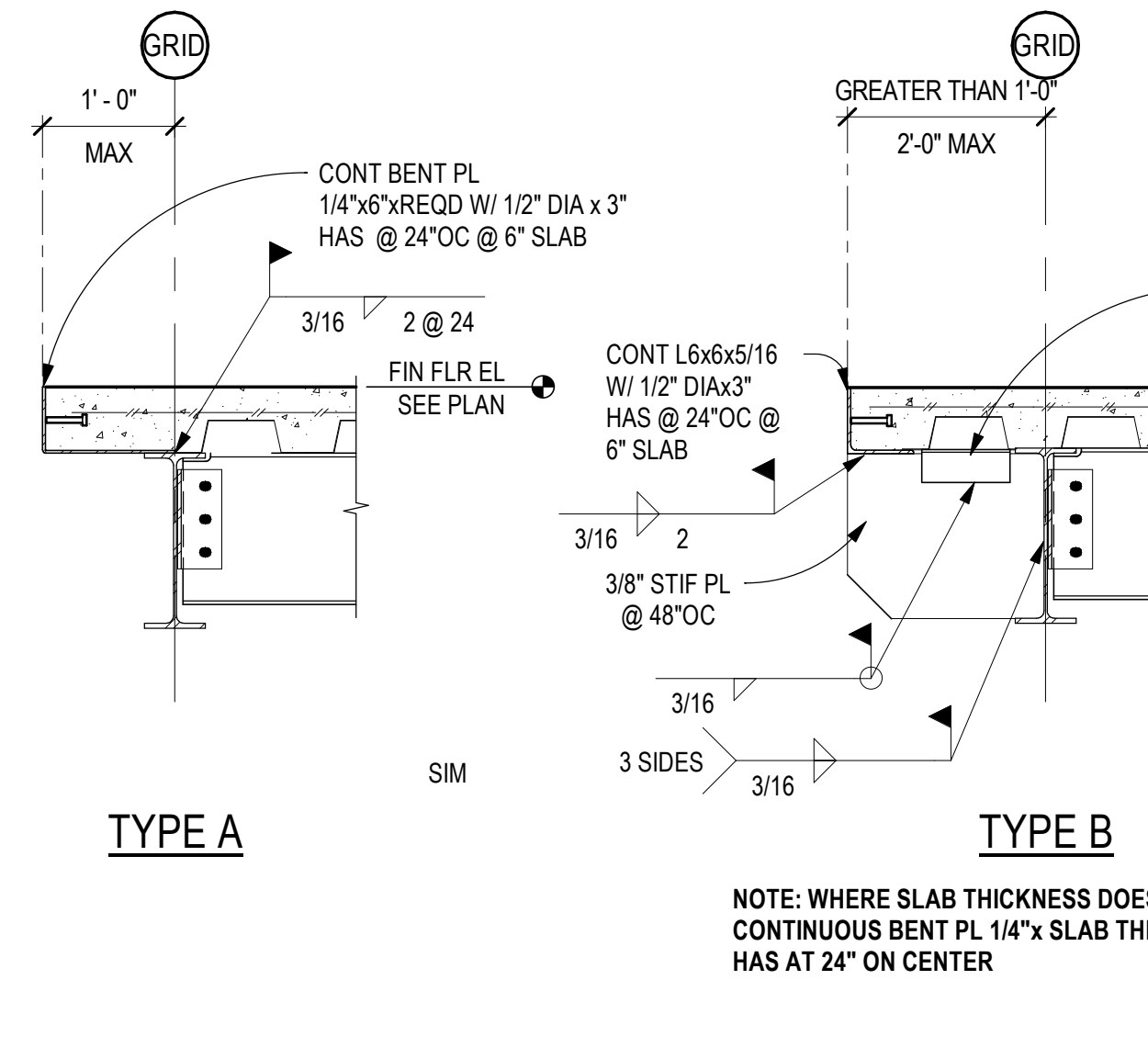
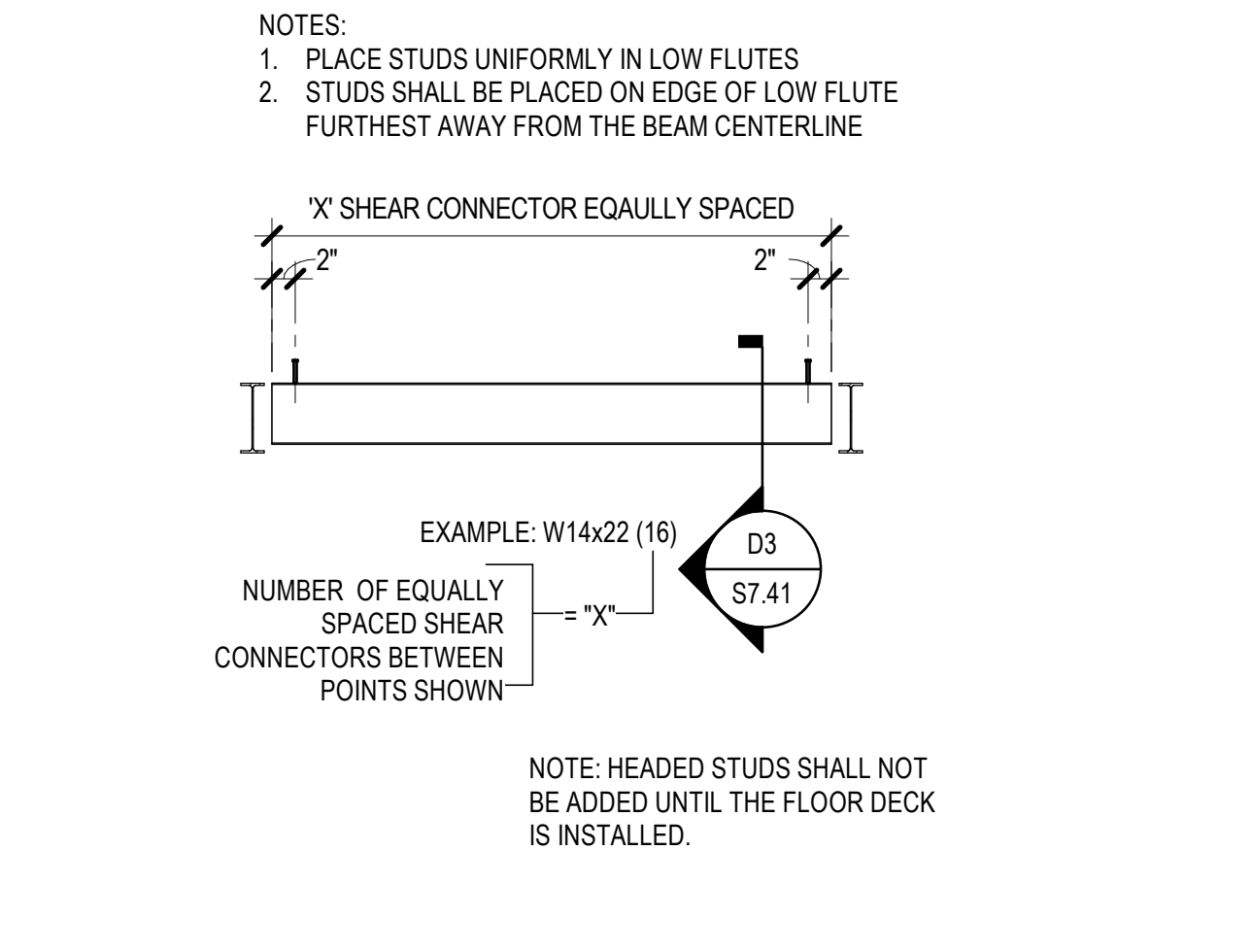
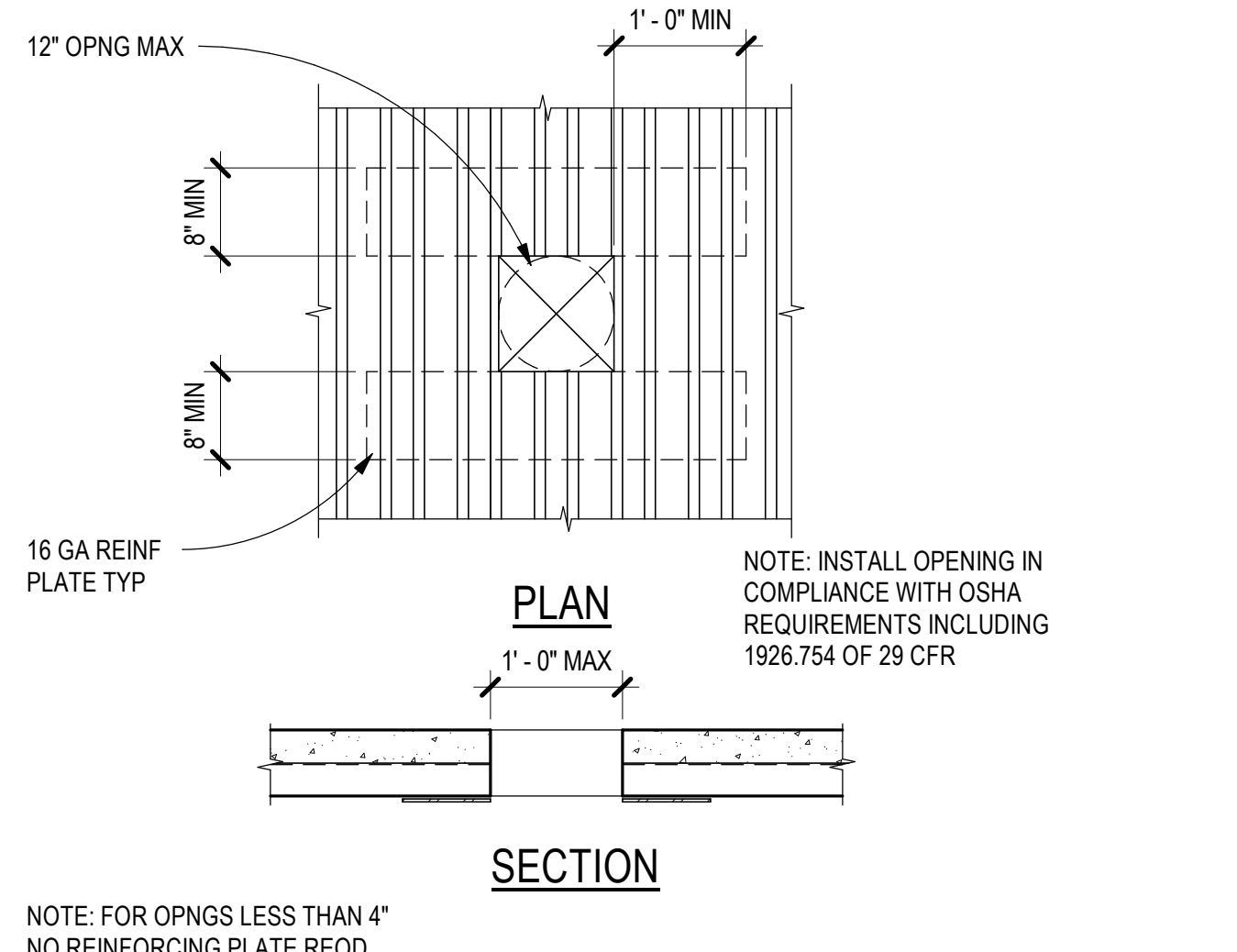
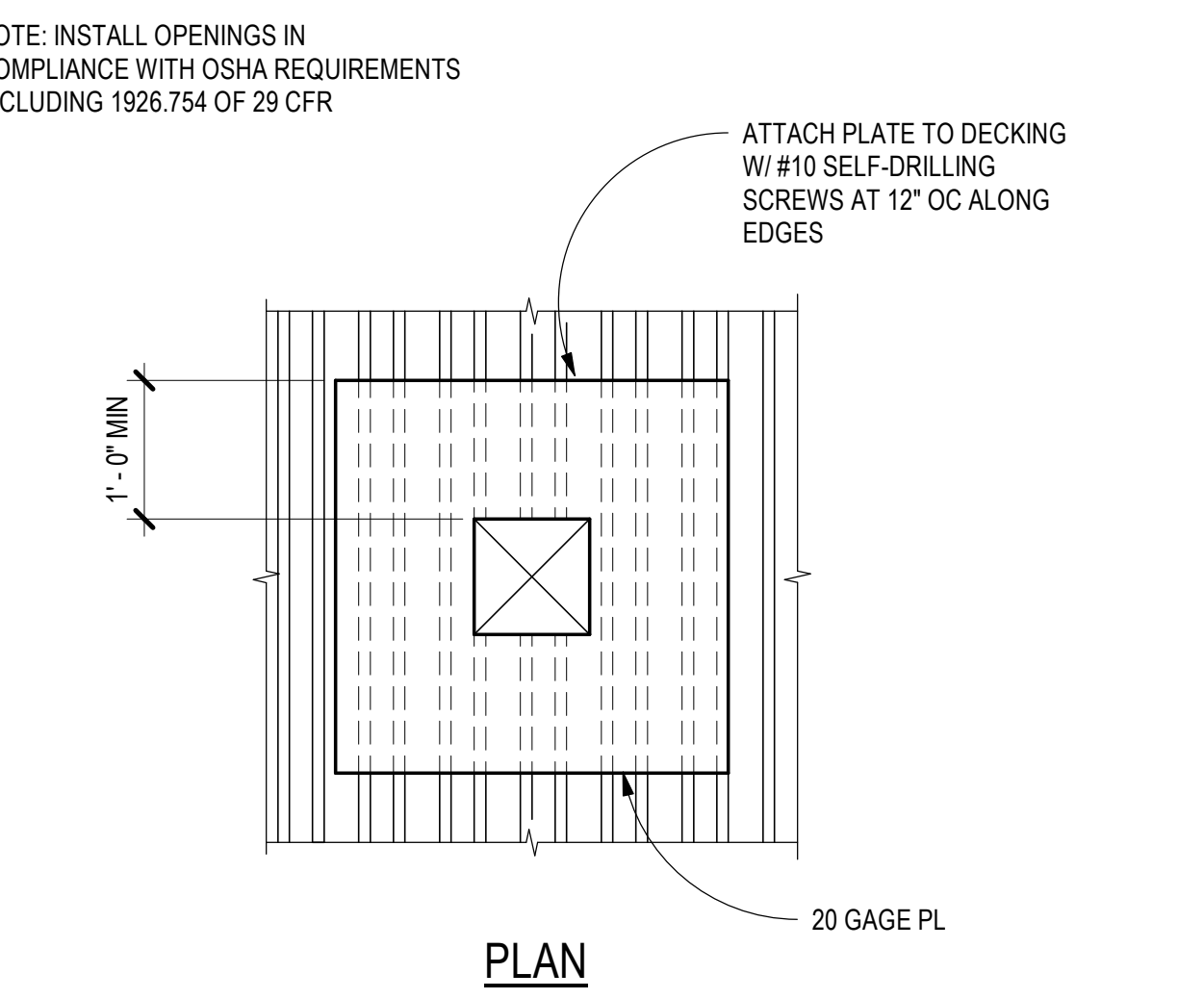
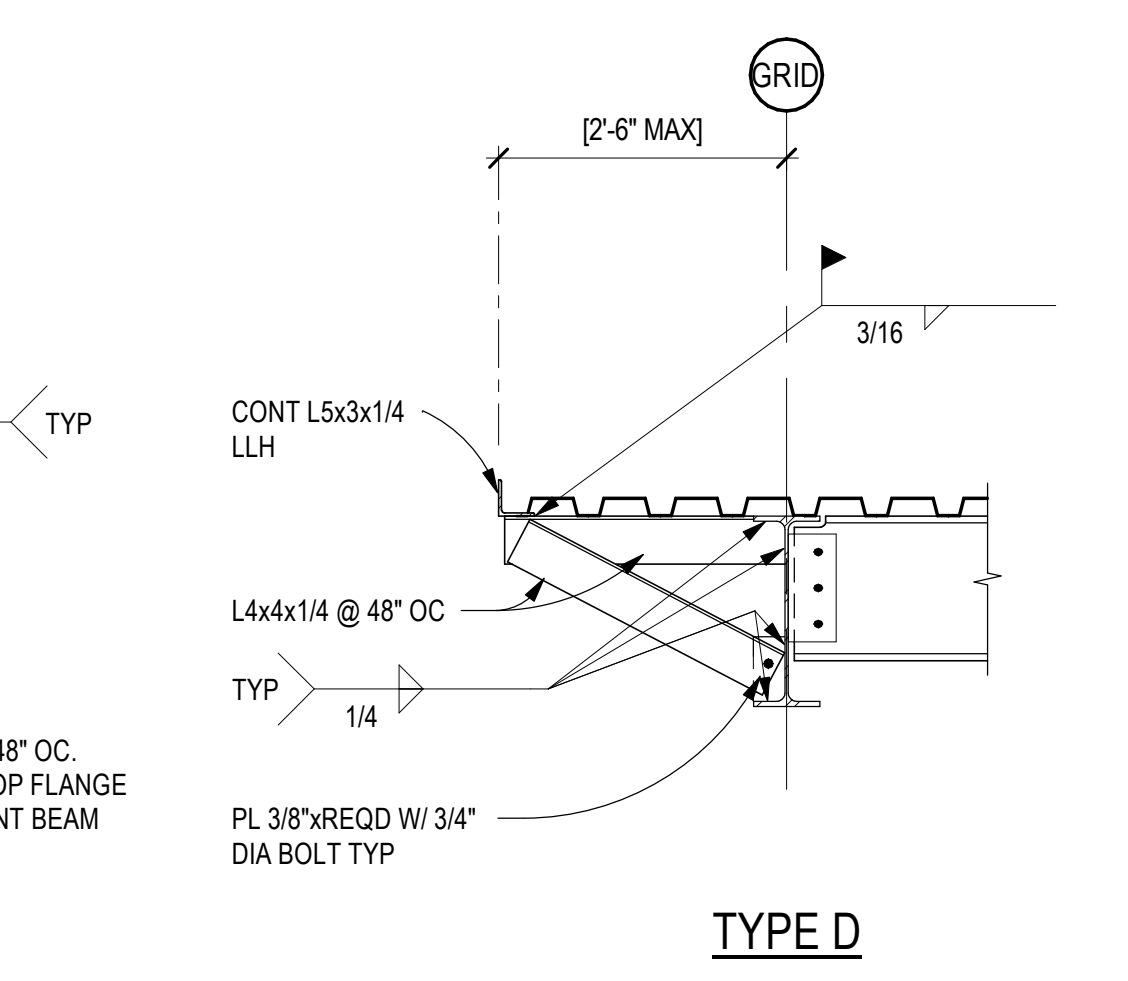
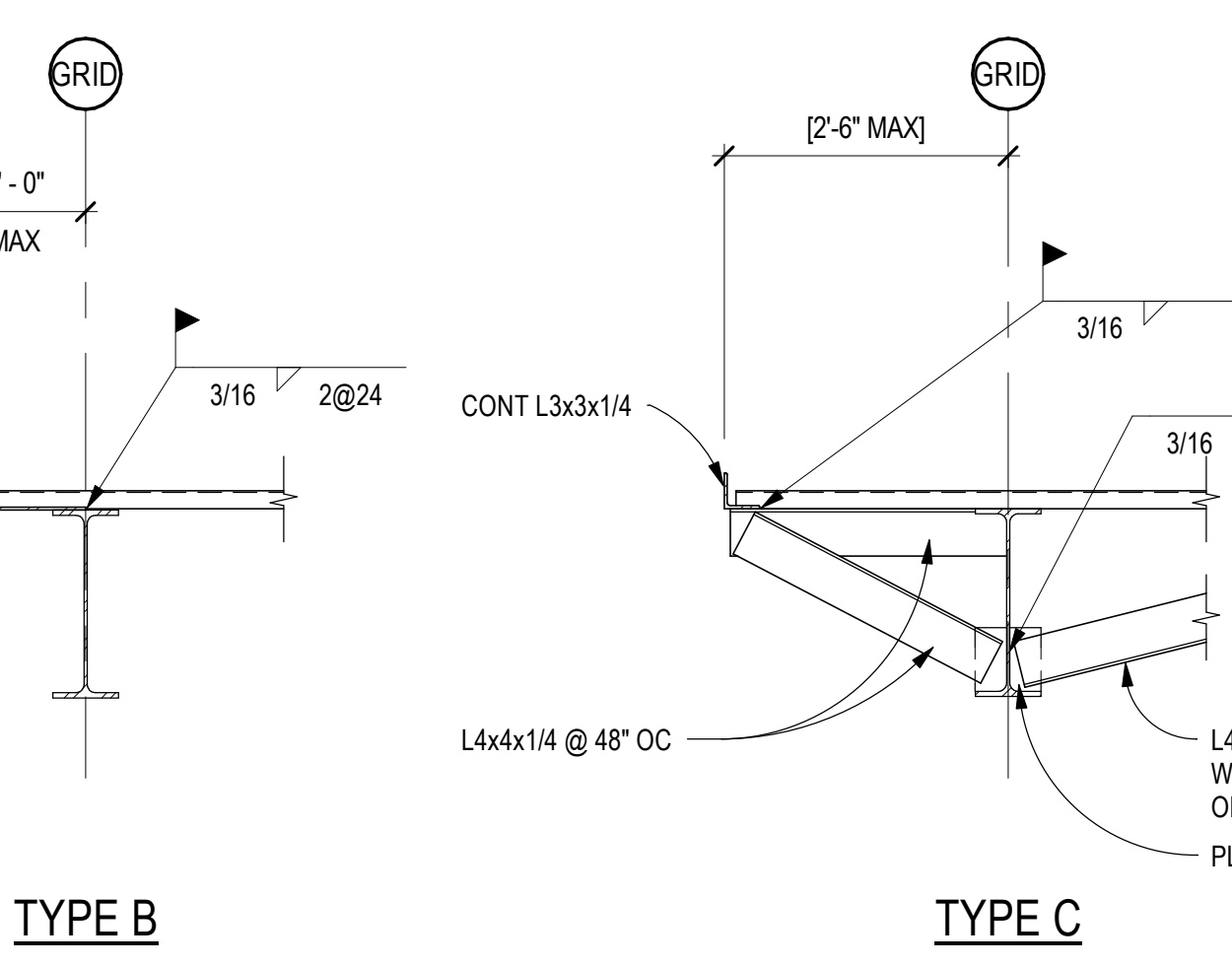
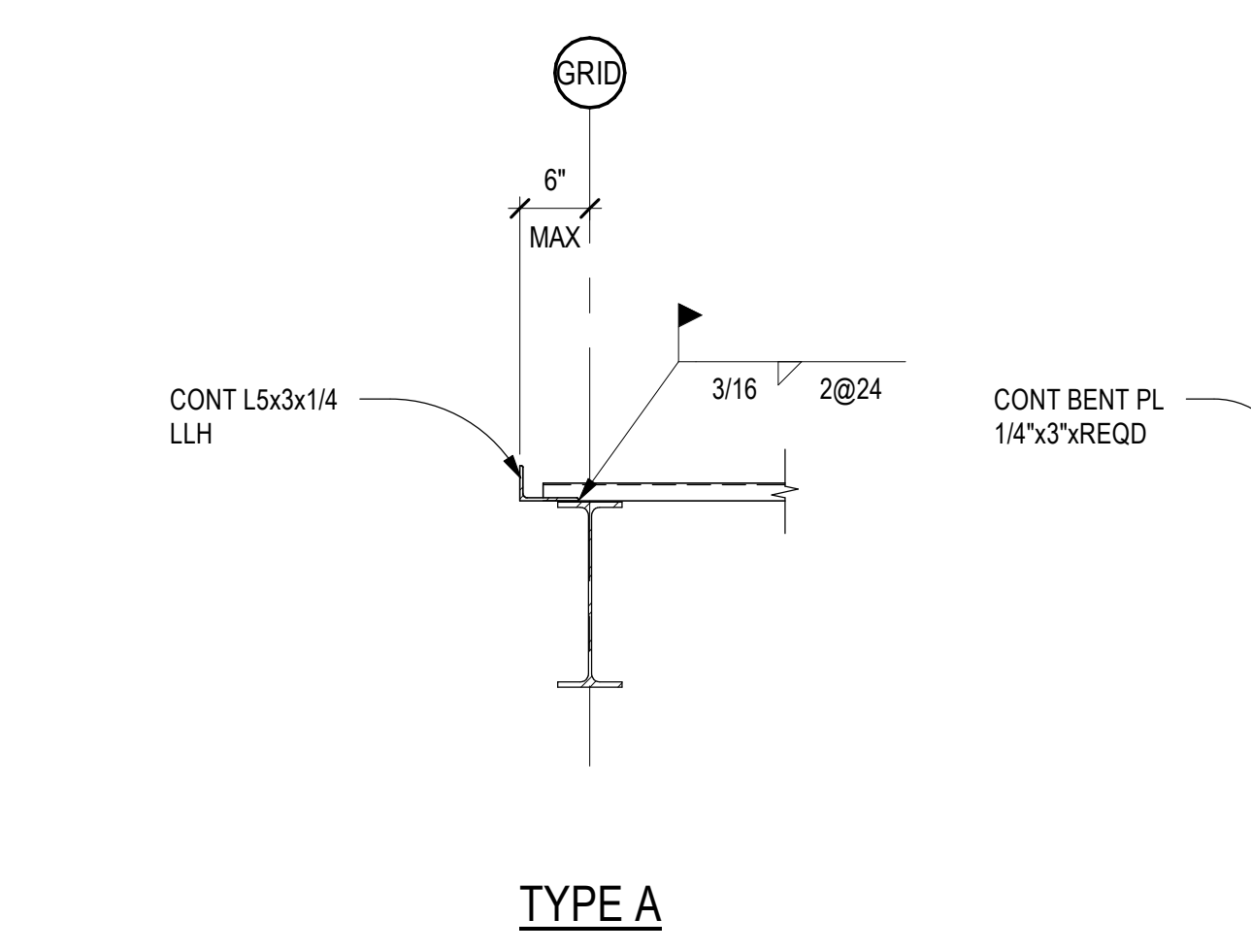
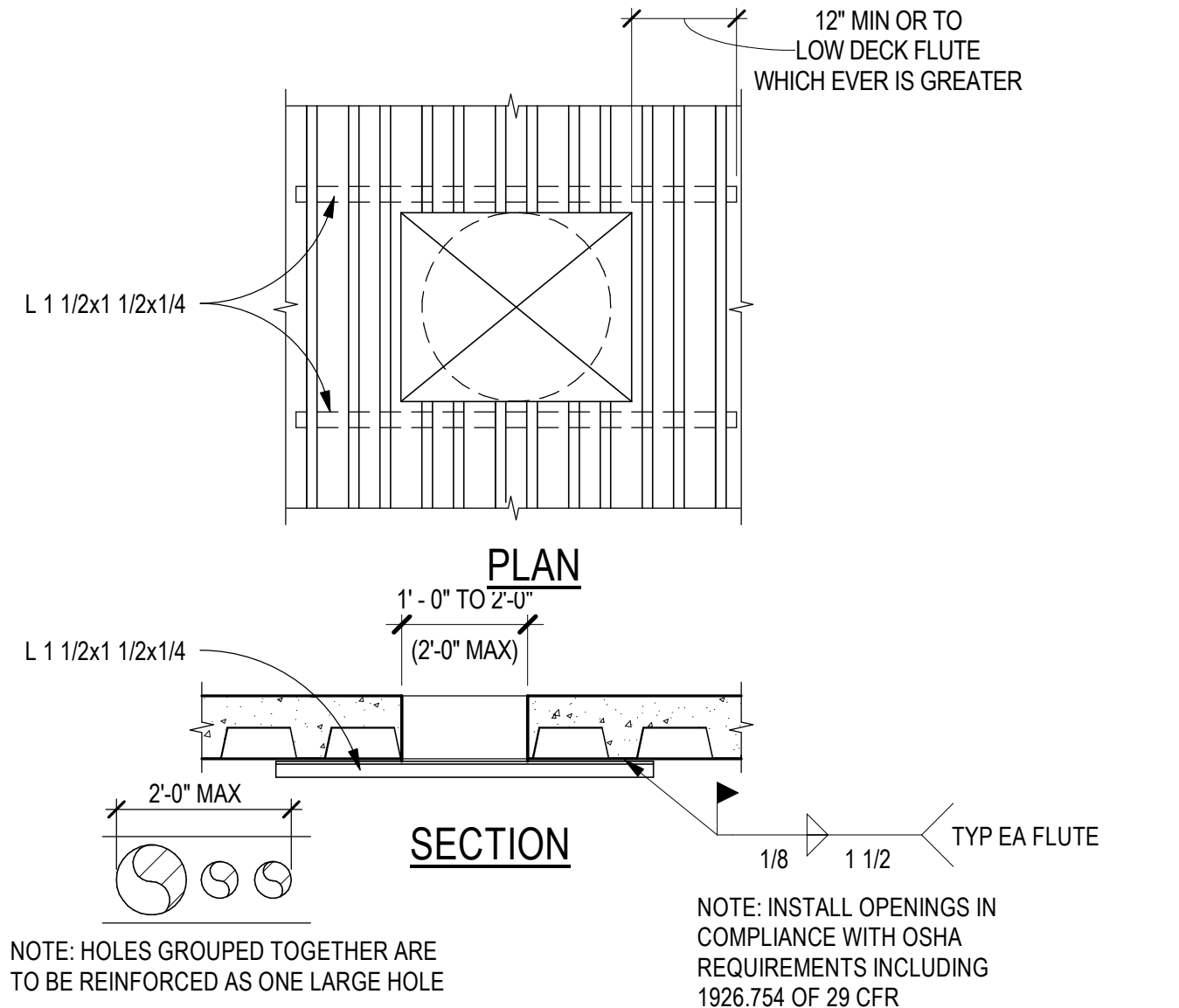
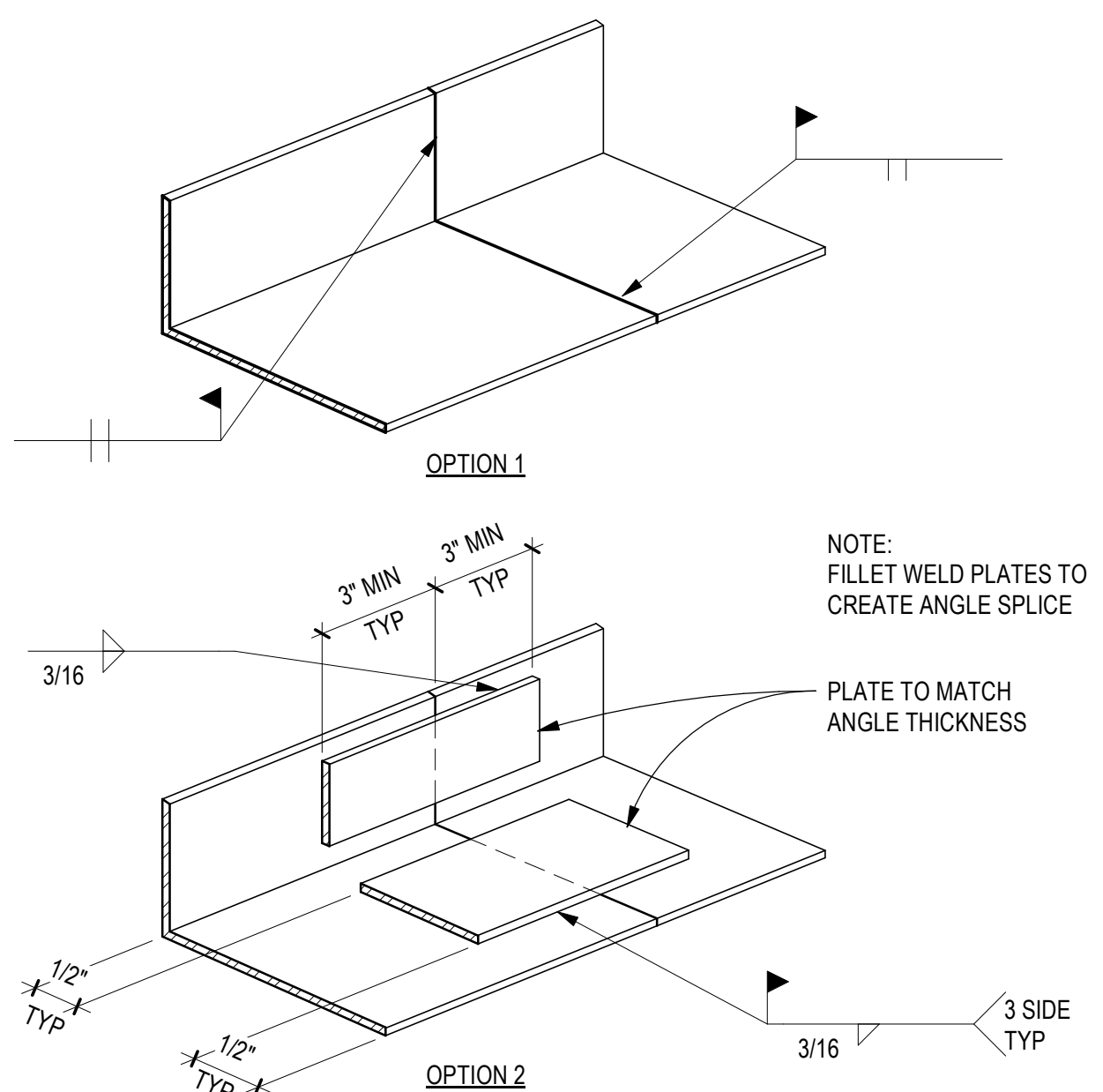
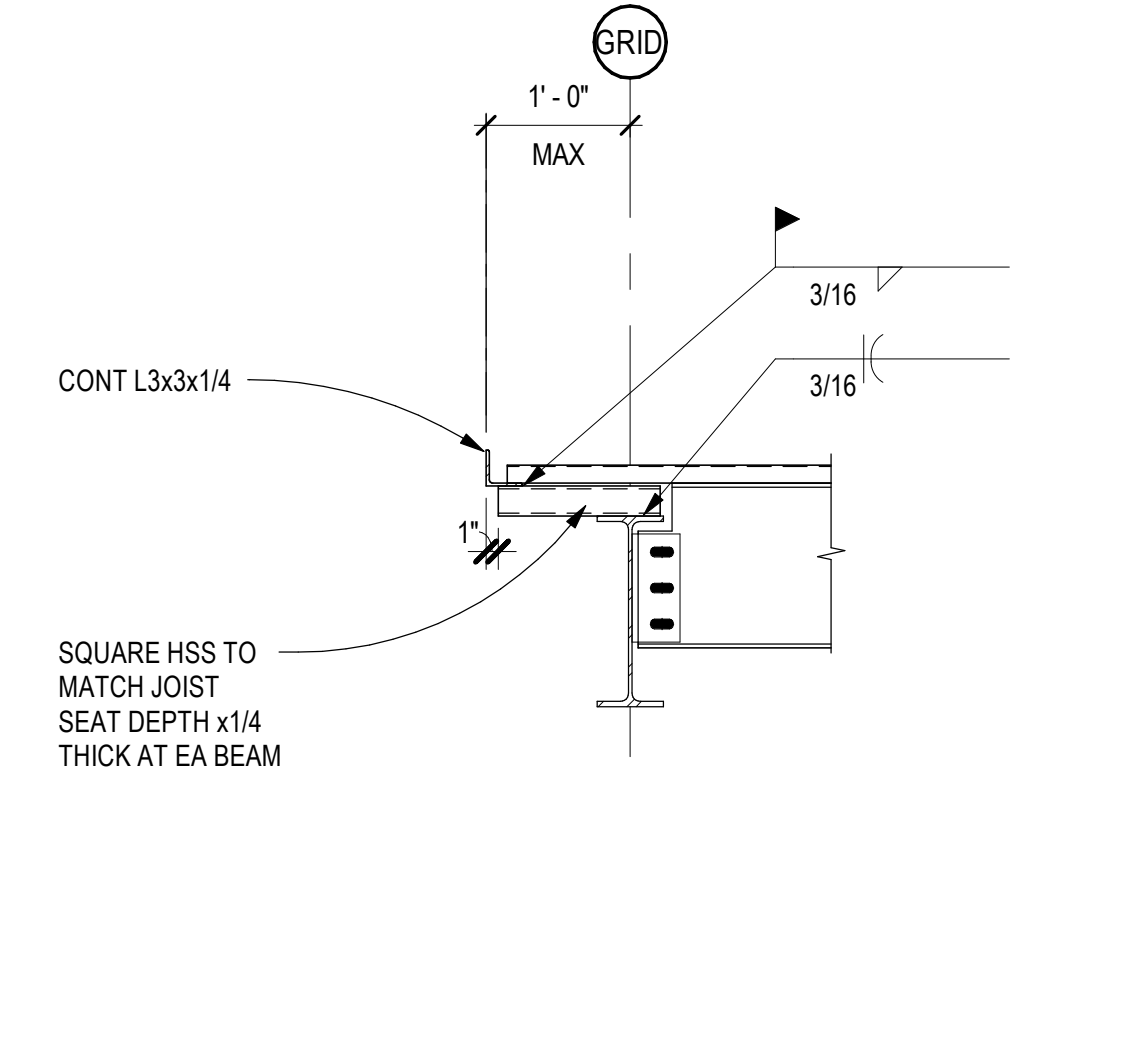
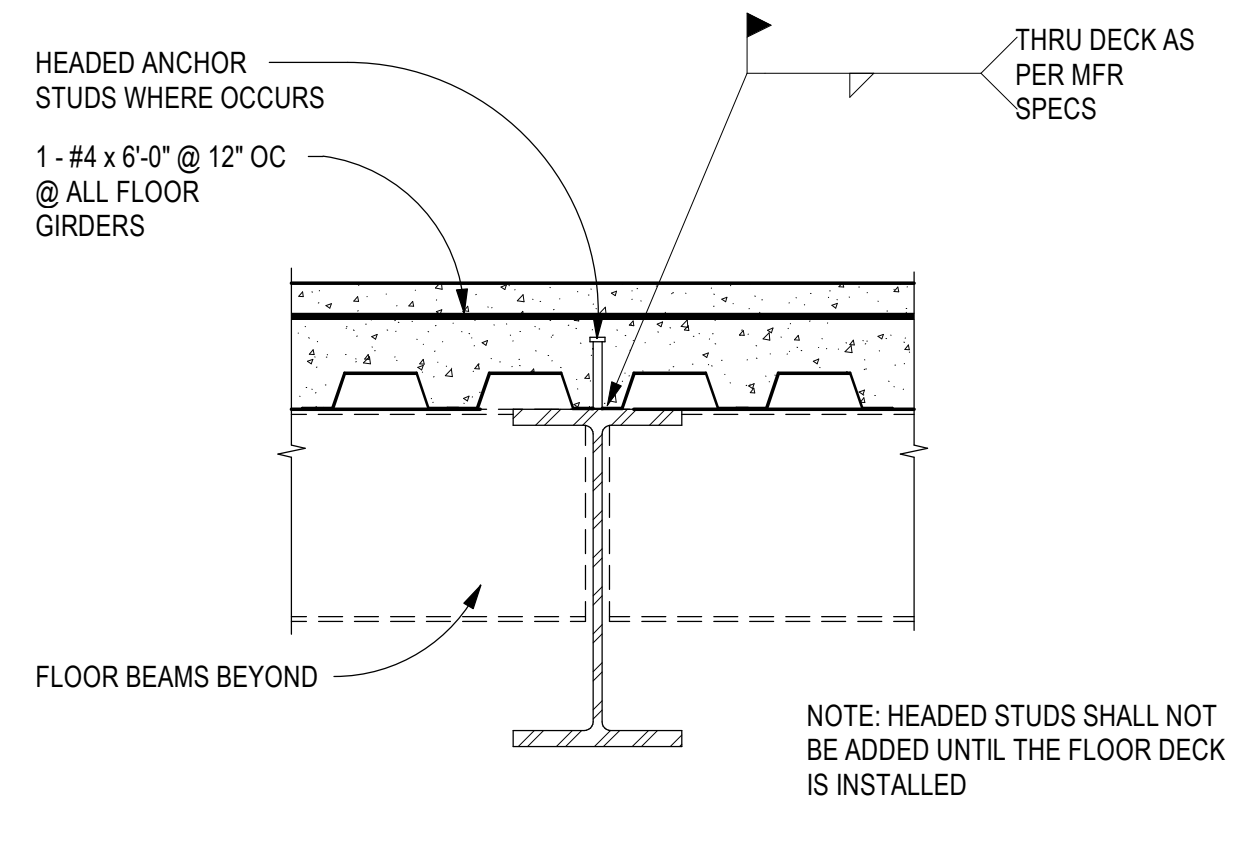
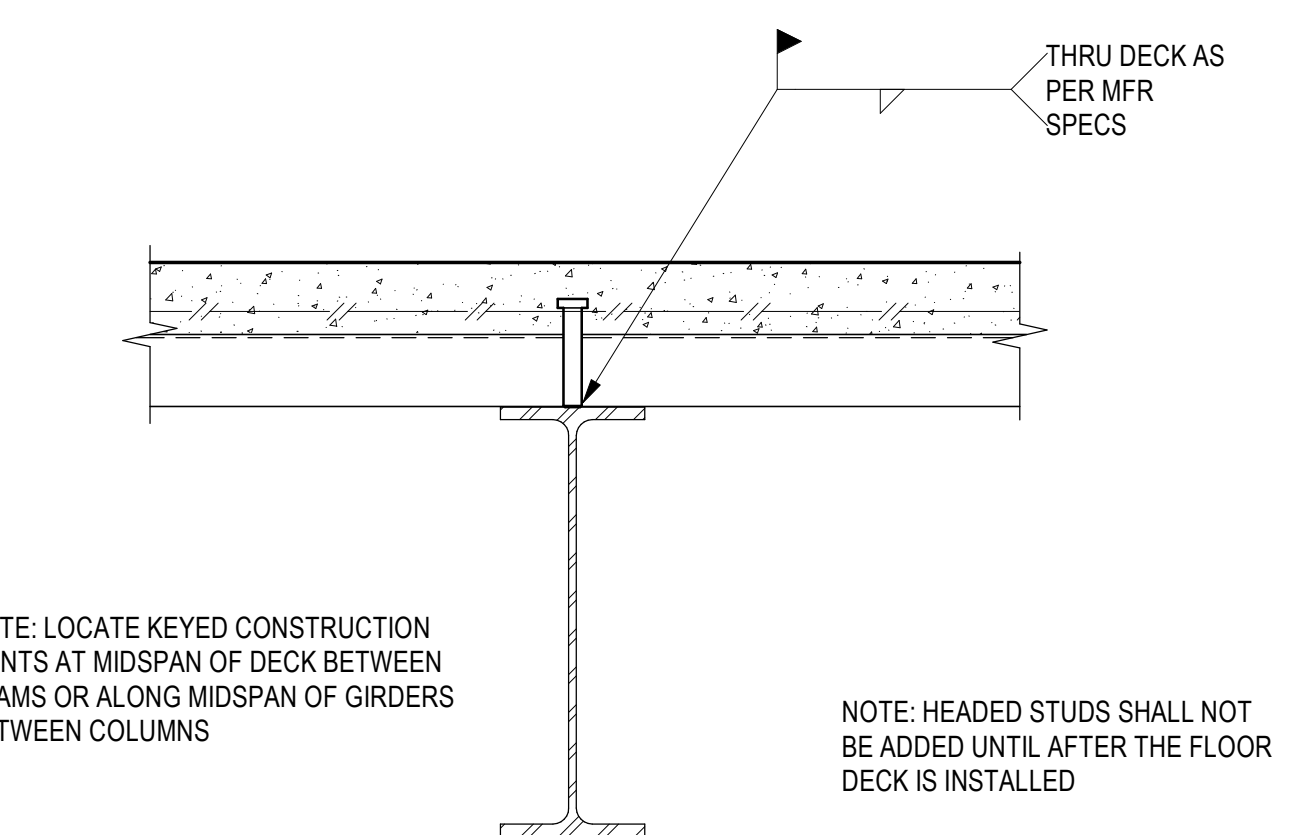
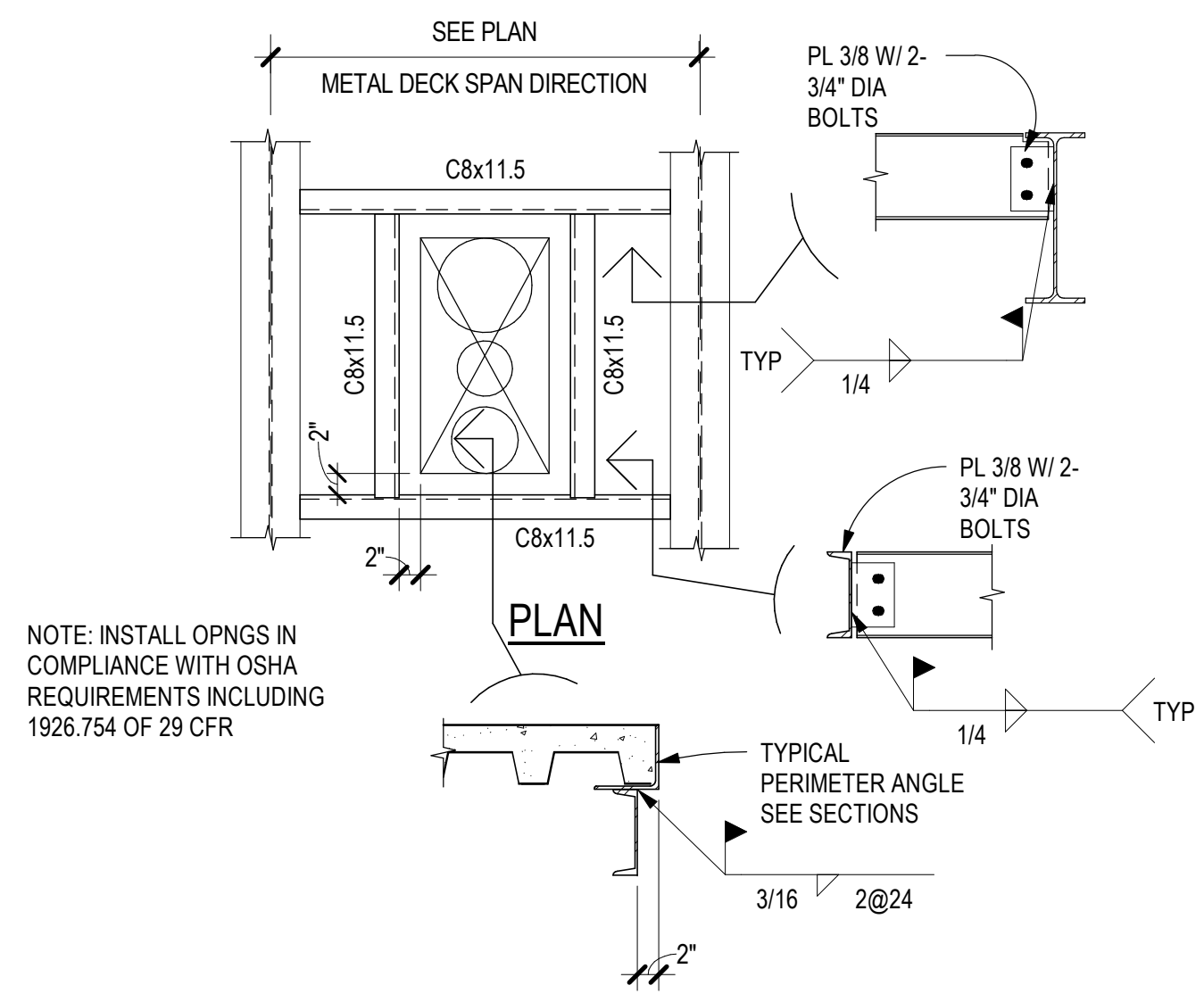
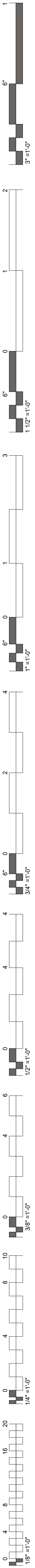
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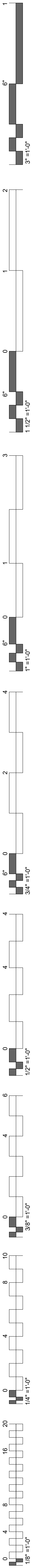
DATE: 03-15-19 JOB NUMBER: 17-13

SHEET NUMBER:

S7.31

TYPICAL COLD-FORMED DETAILS





PROJECT SPECIFIC INFORMATION

PROJECT NUMBER:	19038
SUBMITTAL NUMBER:	S-01
PROJECT NAME:	CHEROKEE NATION OSU
LOCATION:	TAHLEQUAH, OK
CONNECTION TYPE:	SIDEPLATE
NUMBER OF BUILDINGS:	1
APPROX TOTAL GROSS SQUARE FOOTAGE:	87,000
NUMBER OF STOREYS:	3
TRANSMITTAL NUMBER:	00000000000000

eDATA:
 a. THERE MAY BE eDATA AVAILABLE FOR YOUR PROJECT WHICH IS AVAILABLE FOR DOWNLOAD AT WWW.SIDEPLATE.COM. eDATA MAY INCLUDE:
 • ESTIMATE FILE IN EXCEL FORMAT FOR USE IN AFFIRMING SIDEPLATE CONNECTION MATERIAL QUANTITIES.
 • ComponentKML FILE FOR USE IN ASSISTING DETAILING EFFORTS.
 b. ESTIMATED NUMBER OF SIDEPLATE JOINTS FOR THIS PROJECT = 108
 c. ESTIMATED NUMBER OF SIDEPLATE JOINTS FOR THIS PROJECT THAT ARE NOT SUPPORTED BY eDATA = 108
 d. MISCELLANEOUS DETAILS, TYPICALLY DESIGNATED BY M#, ARE NOT SUPPORTED.

INSTRUCTIONS TO STEEL FABRICATOR

- SIDEPLATE LICENSE FEE**
 - THE STEEL FABRICATOR'S BID PRICE FOR PROCUREMENT, FABRICATION AND ERECTION OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL INCLUDE THE SIDEPLATE LICENSE FEE FOR THE PROJECT. EACH PROSPECTIVE STEEL FABRICATOR WHO BIDS THE PROJECT SHALL FORMALLY REQUEST THE SIDEPLATE LICENSE FEE BY ACCESSING THE SIDEPLATE WEBSITE (http://www.sideplate.com).
 - UPON THE SUCCESSFUL STEEL FABRICATOR SIGNING A CONTRACT TO FABRICATE STRUCTURAL STEEL FOR THIS PROJECT, THE STEEL FABRICATOR SHALL SUBMIT A PURCHASE ORDER (PO) TO SIDEPLATE SYSTEMS, INC. FOR THE TOTAL AMOUNT OF THE SIDEPLATE LICENSE FEE AND SHALL INCLUDE SAID FEE IN ITS FIRST CONSTRUCTION DRAW.
 - THE STEEL FABRICATOR SHALL MAKE PAYMENT OF THE SIDEPLATE LICENSE FEE DIRECTLY TO:

 SIDEPLATE SYSTEMS, INC.
 25909 PALM SUITE 200
 MISSION VIEJO, CA 92991
 TEL: 949-238-9900

SUBMITTALS

- IN ADDITION TO THE REQUIRED SUBMITTALS SPECIFIED BY THE BALANCE OF THE CONTRACT DOCUMENTS, THE FOLLOWING SUBMITTALS SHALL BE SENT TO SIDEPLATE SYSTEMS, INC. ELECTRONICALLY VIA THE STRUCTURAL ENGINEER OF RECORD FOR THEIR REVIEW AND DISPOSITION:
 - QUALITY CONTROL PROGRAM (REQUIRED IF NOT ASSIC CERTIFIED)
 - ONE ELECTRONIC COPY OF ALL STRUCTURAL STEEL DRAWINGS THAT EITHER DIRECTLY PERTAINS TO AND/OR AFFECTS THE SHOP FABRICATION OR FIELD ERECTION OF THE SIDEPLATE STEEL FRAME CONNECTION SYSTEM, INCLUDING THE INITIAL SUBMITTAL AND ALL CORRECTED RE-SUBMITTALS OF AFFECTED DRAWINGS. SIDEPLATE SYSTEMS, INC. SHALL BE GIVEN, AS A MINIMUM, THE SAME SPECIFIED REVIEW TIME (NOT LESS THAN SEVEN BUSINESS DAYS) AS THE ENGINEER OF RECORD.

MEETINGS

- PRE-DETAILING MEETING**
 - PRIOR TO THE START OF DETAILING OF THE SHOP DRAWINGS, THE FABRICATION CONTRACTOR SHALL FORMALLY REQUEST A PRE-DETAILING MEETING FROM SIDEPLATE SYSTEMS, INC. THIS MEETING IS TYPICALLY A WEBINAR TO DISCUSS BEST PRACTICES FOR THE DETAILING OF THE SIDEPLATE CONNECTIONS, AND TO CREATE A PROACTIVE FORUM TO ANSWER ANY QUESTIONS.
- PRE-FABRICATION MEETING**
 - PRIOR TO THE START OF FABRICATION, THE FABRICATION CONTRACTOR SHALL FORMALLY REQUEST A PRE-FABRICATION MEETING FROM SIDEPLATE SYSTEMS, INC. THIS MEETING IS TYPICALLY A WEBINAR TO DISCUSS BEST PRACTICES FOR THE FABRICATION OF THE SIDEPLATE CONNECTIONS, AND TO CREATE A PROACTIVE FORUM TO ANSWER ANY QUESTIONS.
- PRE-ERECTION MEETING**
 - PRIOR TO THE START OF STEEL ERECTION, THE ERECTION CONTRACTOR SHALL FORMALLY REQUEST A PRE-ERECTION MEETING FROM SIDEPLATE SYSTEMS, INC. THIS MEETING IS TYPICALLY A WEBINAR TO DISCUSS BEST PRACTICES FOR FIELD ERECTION OF THE SIDEPLATE BEAMS AND COLUMNS, AND TO CREATE A PROACTIVE FORUM TO ANSWER ANY QUESTIONS.

GENERAL

- THE GOVERNING CODES SHALL CONSIST OF ANSII/AWS D1.1-2010 (AWS D1.1), AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (APRIL 14, 2010), 2009 ROCS SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, AND ALL APPLICABLE BUILDING AND JURISDICTIONAL CODES AND PROJECT STANDARDS SPECIFIED IN THE PROJECT SPECIFICATION STRUCTURAL STEEL SECTION. WHERE THE REQUIREMENTS DIFFER BETWEEN SIDEPLATE CONNECTION NOTES, THE GENERAL STRUCTURAL NOTES, AND THE GOVERNING CODES, THE MORE STRINGENT SECTION CRITERIA SHALL CONTROL.
- ALPHA AND NUMERIC DESIGNATORS (A & B) USED HEREIN TO SIMPLIFY THE IDENTIFICATION OF PLATES, ANGLES, AND WELDS ARE DEFINED BELOW:

- (A) SIDE PLATE FOR UNIAXIAL CONNECTIONS
- (B) BEAM FLANGE COVER PLATE, AS REQUIRED
- (C) VERTICAL SHEAR PLATE OR FLAT BAR, AS REQUIRED
- (D) HORIZONTAL SHEAR PLATE OR FLAT BAR, AS REQUIRED
- (E) VERTICAL ANGLE WELDED TO THE VERTICAL SHEAR PLATE (C), AS REQUIRED
- (F) VERTICAL SHEAR ELEMENT (VSE) WHICH CONSISTS OF PLATE (C) AND ANGLE (E) MATERIAL, AS REQUIRED
- (G) LONGITUDINAL ANGLE WELDED TO THE OUTSIDE FACE OF SIDE PLATE (A), AS REQUIRED
- (H) LONGITUDINAL ANGLE WELDED TO THE BOTTOM BEAM FLANGE (OR TOP BEAM FLANGE AS REQUIRED)
- (I) HORIZONTAL PLATE WELDED TO THE OUTSIDE FACE OF SIDE PLATE (A), AS REQUIRED
- (I) FILLET WELD CONNECTING SIDE PLATE (A) TO HORIZONTAL SHEAR PLATE (D) OR COLUMN
- (2) FILLET (AND/OR FLARE BEVEL) WELD CONNECTING INSIDE FACE OF SIDE PLATE (A) TO COLUMN
- (3) FILLET WELD CONNECTING HORIZONTAL SHEAR PLATE (D) TO COLUMN, AS REQUIRED
- (4) FILLET WELD TO CONSTRUCT VSE (F) AND TO CONNECT IT TO THE WEB OF THE BEAM, AS REQUIRED
- (5) FILLET (AND/OR PJP) WELD CONNECTING BEAM FLANGE TIPS TO COVER PLATE (B) AND/OR LONGITUDINAL ANGLE (H), AS REQUIRED
- (5a) FILLET WELD CONNECTING OUTSIDE FACE OF BEAM FLANGE TO COVER PLATE (B) AND/OR LONGITUDINAL ANGLE (H), AS REQUIRED
- (5p) PJP WELD CONNECTING ANGLE (H) TO BEVELLED BEAM FLANGE
- (5b) FILLET WELD CONNECTING COVER PLATE (B) EDGE TO TOP FACE OF BEAM FLANGE, ACROSS ITS WIDTH
- (8) FILLET (AND/OR PJP) WELD CONNECTING LONGITUDINAL ANGLE (G) (AND/OR PLATE (T)) TO SIDE PLATE (A), AS REQUIRED
- (8p) PJP WELD CONNECTING PLATE (T) TO SIDE PLATE (A) AND/OR CONNECTING BUILT UP ANGLE (H) PLATES TOGETHER, AS REQUIRED
- (9) FILLET WELD CONNECTING SIDE PLATE (A) TO COLUMN FACE, WRAPPED AROUND THREE SIDES OF SIDE PLATE (A)
- (10) FILLET WELD TO CONSTRUCT SIDE PLATE SLOTTED INTERLOCK ASSEMBLY
- (10a) PJP WELD TO CONSTRUCT SIDE PLATE SLOTTED INTERLOCK ASSEMBLY
- (10r) REINFORCING FILLET WELD TO CONSTRUCT SIDE PLATE SLOTTED INTERLOCK ASSEMBLY

3. ALPHA DESIGNATORS, USED HEREIN TO SIMPLIFY THE IDENTIFICATION OF DIMENSIONS OF THE SIDEPLATE CONNECTIONS, ARE DEFINED BELOW:

- GAP PHYSICAL SEPARATION BETWEEN THE END OF THE MOMENT FRAME BEAM AND THE ADJOINING FACE OF THE COLUMN FLANGE
- A EXTENSION OF SIDE PLATE (A) FROM THE FACE OF THE COLUMN
- B DEPTH OF SIDE PLATE (A)
- C LENGTH OF COVER PLATE (B) AND/OR LONGITUDINAL ANGLE (H)
- D LENGTH OF SLOT FROM THE TOE OF THE RADIUS IN THE COVER PLATE (B), AS REQUIRED
- E EDGE DISTANCE OF BOLT HOLES IN COVER PLATE (B), AS REQUIRED
- G GAGE DISTANCE TO CENTERLINE OF BOLT HOLES IN ANGLES (G) AND (H), AND PLATE (T), AS REQUIRED
- H ADDED DIMENSION TO COLUMN FLANGE WIDTH TO DEFINE TOTAL COVER PLATE (B) WIDTH
- J DISTANCE FROM END OF THE BEAM TO CENTERLINE OF VERTICAL BOLT HOLES IN VSE (F), AS REQUIRED
- R RADIUS OF SLOT DIMENSION IN COVER PLATE (B)
- S HORIZONTAL SPACING BETWEEN BOLT HOLES
- Y ADDED DIMENSION TO COLUMN FLANGE WIDTH FOR ALLOWABLE SPREAD OF SIDE PLATES (A)

MATERIAL

- PLATE, FLAT BAR, AND ANGLE MATERIAL:**
 - ALL PLATE MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH (F_y) OF 50 KSI.
 - ANGLE AND BAR MATERIAL SHALL HAVE A HIGH STRENGTH STEEL SPECIFICATION AND SHALL HAVE A MINIMUM YIELD STRENGTH (F_y) OF 50 KSI.
- HIGH STRENGTH BOLT FASTENERS**
 - BOLTS SHALL BE TYPE 1 OR TYPE 3 AND SHALL BE A490 HEAVY HEX, F2280 TWIST-OFF-TYPE TENSION-CONTROL BOLT ASSEMBLIES, OR F3148 FIXED SPLINE BOLT ASSEMBLIES. THE BOLT HEAD SHALL BE DISTINCTIVELY MARKED WITH A MINIMUM MARKING OF A490, A490TC, OR 144 RESPECTIVELY, AN ALTERNATIVE DESIGN THAT MEETS THE REQUIREMENTS OF ROCS SECTION 2.8 MAY BE USED, WITH THE WRITTEN APPROVAL FROM SIDEPLATE SYSTEMS, INC.
 - WASHERS SHALL BE ORDINARY THICKNESS AND ASTM F436 TYPE 1 OR TYPE 3.
 - NUTS SHALL BE ASTM A563 GRADE DH OR DH3.
 - THE BOLT ASSEMBLY SHALL BE COVERED IN A LIGHT PROTECTIVE OIL. F2280 AND F3148 ASSEMBLIES SHALL ONLY BE LUBRICATED BY THE SUPPLIER.
 - THE MILL TEST REPORT (MTR) MUST HAVE DOCUMENTED LOT TRACEABILITY, STATEMENT OF DIMENSIONAL RESULTS, FULL CHEMICAL AND MECHANICAL TEST RESULTS TO THE SPECIFICATIONS ABOVE.
 - THE USE OF FINGER SHIMS ARE ACCEPTABLE PER BOLTING SECTION 8.
- ROLLED SHAPES:**
 - ALL ROLLED SHAPES USED FOR COLUMNS AND BEAMS IN CONSTRUCTING SIDEPLATE MOMENT FRAMES SHALL BE ASTM A992 GRADE 50 UNO.
- HSS TUBE SHAPES:**
 - ALL HSS SHAPES USED FOR COLUMNS AND BEAMS IN CONSTRUCTING SIDEPLATE MOMENT FRAMES SHALL, AS A MINIMUM, BE ASTM A500 GRADE B OR GRADE C OR ASTM 1085.

PREPARATION

- THE STEEL FABRICATION AND ERECTION SUBCONTRACTORS SHALL EMPLOY A DISTORTION CONTROL PROGRAM PRIOR TO THE START OF SIDEPLATE MOMENT FRAME FABRICATION. THE DISTORTION CONTROL PROGRAM SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF AWS D1.1 SECTION 5.21 AND 5.22 TO ENSURE THAT THE FOLLOWING ARE MAINTAINED:
 - DIMENSIONAL ACCURACY
 - FRAMING AND ALIGNMENT TOLERANCES
 - COMPLIANCE WITH AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, SECTION 7.0, ERECTION PROVISIONS
 - CONTROL OF DISTORTION AND WELD SHRINKAGE

WELDING

- WELDER QUALIFICATION: THE PERFORMANCE OF ALL WELDERS, WELDING OPERATORS AND TACK WELDERS SHALL BE QUALIFIED IN CONFORMANCE WITH AWS D1.1, SECTION 4, PART C TO DEMONSTRATE ABILITY TO PRODUCE SOUND WELDS.

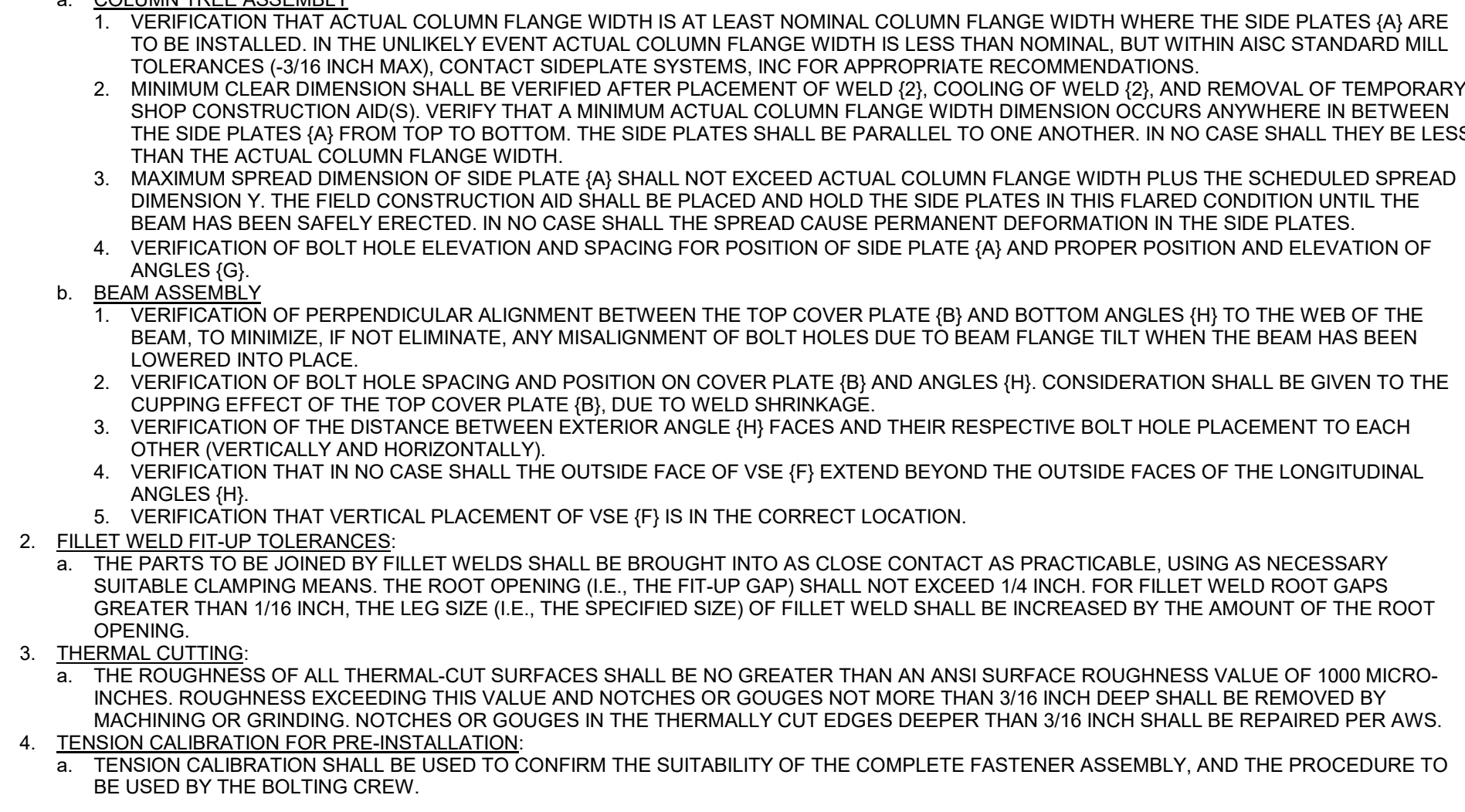
BOLTING

- BOLTS/FASTENERS SHALL BE INSTALLED TO PRETENSIONED CONDITION USING ONE OF THE METHODS PRESCRIBED HERE: TURN-OF-NUT (A490), CALIBRATED WRENCH (A490), TWIST-OFF-TYPE TENSION-CONTROL BOLT (F2280), OR TORQUE AND ANGLE METHOD (F3148).
- FOR ALL PRETENSIONING METHODOLOGIES, ALL FASTENER ASSEMBLIES WITHIN THE JOINT SHALL FIRST BE BROUGHT TO A SNUG TIGHT CONDITION, FOLLOWED BY A SYSTEMATIC PRETENSIONING PROCESS. PRETENSIONING SHALL BEGIN AT THE MOST RIGID PART OF THE JOINT AND CONTINUE IN A MANNER THAT WILL MINIMIZE THE RELAXATION OF PREVIOUSLY PRETENSIONED FASTENERS, UNTIL THE CONNECTED PLIES ARE IN AS FIRM CONTACT AS POSSIBLE.

- REUSE OF A490, F2280, AND F3148 BOLT ASSEMBLIES SHALL NOT BE ALLOWED. TOUCHING UP OR RE-TIGHTENING BOLTS THAT MAY HAVE BEEN LOOSENED BY THE INSTALLATION OF ADJACENT BOLTS SHALL NOT BE CONSIDERED TO BE A REUSE.
- ALL BOLT HOLES SHALL BE ALIGNED TO PERMIT INSERTION OF THE BOLTS WITHOUT UNDUE DAMAGE TO THE THREADS.
- THE BOLT LENGTH USED SHALL BE SUCH THAT THE BOLT THREAD EXTENDS BEYOND OR IS AT LEAST FLUSH WITH THE OUTER FACE OF THE NUT WHEN PROPERLY INSTALLED.
- FASTENER COMPONENTS SHALL BE PROTECTED FROM DIRT AND MOISTURE IN CLOSED CONTAINERS AT THE SITE OF INSTALLATION.
- F2280 OR F3148 ASSEMBLIES AND ALTERNATIVE DESIGN FASTENERS THAT MEET THE SPECIFIED REQUIREMENTS PREVIOUSLY MENTIONED SHALL NOT BE RE-LUBRICATED, EXCEPT BY THE MANUFACTURER.
- FINGER SHIMS MAY BE USED UP TO 1/4 INCH WITHOUT RESTRICTION. SHIM REQUIREMENTS GREATER THAN 1/4 INCH SHALL BE SUBMITTED TO SIDEPLATE SYSTEMS INC FOR APPROVAL PRIOR TO USE.
- WASHERS SHALL BE ASTM A308 ORDINARY THICKNESS AND SHALL BE USED UNDER THE NUT OF THE FASTENER ASSEMBLY SO AS TO PROVIDE A HARDENED NON-GALLING SURFACE OF THE TURNED ELEMENT, WHEN USING THE TURN-OF-NUT OR CALIBRATED WRENCH METHOD, THE TURNED ELEMENT MUST BE THE SAME AS WAS USED WHEN PERFORMING PREINSTALLATION VERIFICATION TESTING.

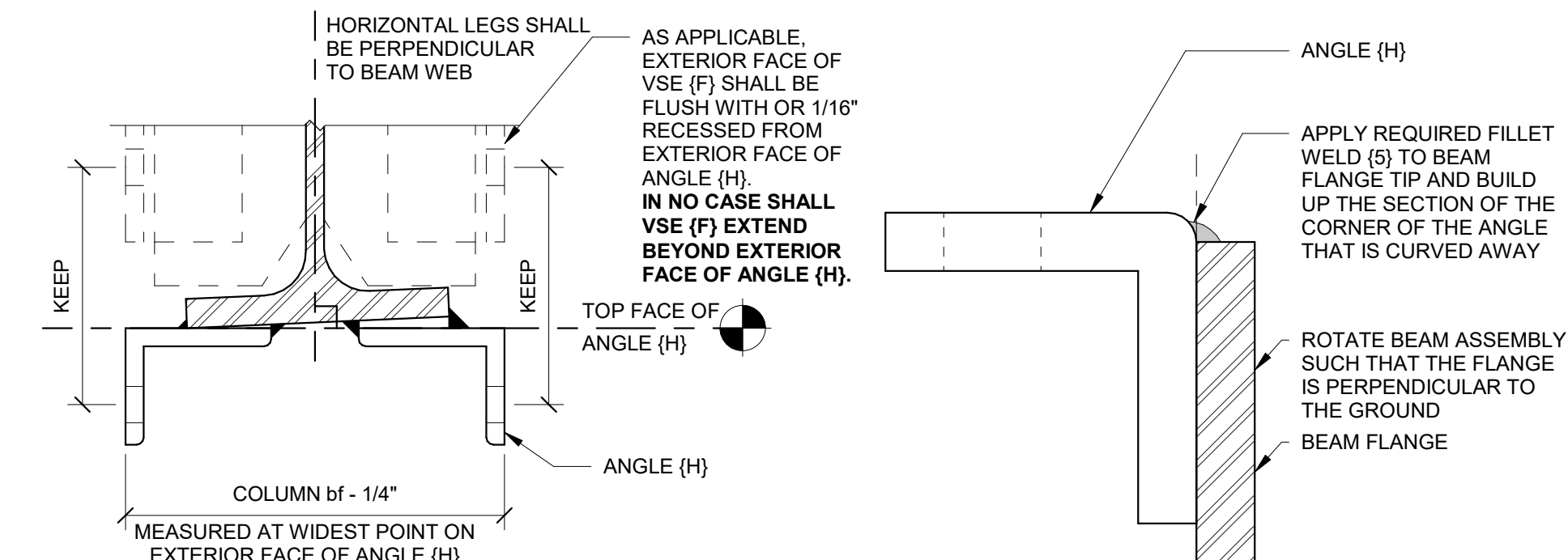
QUALITY CONTROL

- THE FABRICATOR AND ERECTOR SHALL BE RESPONSIBLE FOR QUALITY CONTROL BY PROVIDING, AS A MINIMUM, IN-PROCESS VISUAL INSPECTION OF THE FABRICATION AND ERECTION ACTIVITIES TO ENSURE THE MATERIALS AND WORKMANSHIP MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, AND SHALL INCLUDE WORK PERFORMED PRIOR TO ASSEMBLY. SUCH WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, VERIFYING THAT EFFECTIVE PROCEDURES AND METHODS HAVE BEEN EMPLOYED IN THE FORM OF A DISTORTION CONTROL PROGRAM TO ACCOUNT FOR AND MINIMIZE THE EFFECTS OF WELD SHRINKAGE, EXISTING BEAM SWEEP AND CAMBER, AND CHANGES IN MOMENT FRAME GEOMETRY DUE TO SKEWED AND CURVED DESIGN CONFIGURATIONS (AS OCCURS), TO ENSURE COMPLIANCE WITH SPECIFIED ERECTION AND ALIGNMENT TOLERANCES. QC INSPECTION SHALL INCLUDE **HOLD POINTS** FOR THE FOLLOWING:
 - COLUMN TREE ASSEMBLY**
 - VERIFICATION THAT ACTUAL COLUMN FLANGE WIDTH IS AT LEAST NOMINAL COLUMN FLANGE WIDTH WHERE THE SIDE PLATES (A) ARE TO BE INSTALLED. IN THE UNLIKELY EVENT ACTUAL COLUMN FLANGE WIDTH IS LESS THAN NOMINAL, BUT WITHIN AISI STANDARD MILL TOLERANCES (3/16 INCH MAX), CONTACT SIDEPLATE SYSTEMS, INC FOR APPROPRIATE RECOMMENDATIONS.
 - MINIMUM CLEAR DIMENSION SHALL BE VERIFIED AFTER COOLING OF WELD (2), AND REMOVAL OF TEMPORARY SHOP CONNECTION AIDS). VERIFY THAT A MINIMUM ACTUAL COLUMN FLANGE WIDTH DIMENSION OCCURS ANYWHERE IN BETWEEN THE SIDE PLATES (A) FROM TOP TO BOTTOM. THE SIDE PLATES SHALL BE PARALLEL TO ONE ANOTHER. IN NO CASE SHALL THEY BE LESS THAN THE ACTUAL COLUMN FLANGE WIDTH.
 - MAXIMUM SPREAD DIMENSION OF SIDE PLATE (A) SHALL NOT EXCEED ACTUAL COLUMN FLANGE WIDTH PLUS THE SCHEDULED SPREAD DIMENSION Y. THE FIELD CONSTRUCTION AID SHALL BE PLACED AND HOLD THE SIDE PLATES IN THIS FLARED CONDITION UNTIL THE BEAM HAS BEEN SAFELY ERECTED. IN NO CASE SHALL THE SPREAD CAUSE PERMANENT DEFORMATION IN THE SIDE PLATES.
 - VERIFICATION OF BOLT HOLE ELEVATION AND SPACING FOR POSITION OF SIDE PLATE (A) AND PROPER POSITION AND ELEVATION OF ANGLES (G).
 - BEAM ASSEMBLY**
 - VERIFICATION OF PERPENDICULAR ALIGNMENT BETWEEN THE TOP COVER PLATE (B) AND BOTTOM ANGLES (H) TO THE WEB OF THE BEAM, TO MINIMIZE, IF NOT ELIMINATE, ANY MISALIGNMENT OF BOLT HOLES DUE TO BEAM FLANGE FLT WHEN THE BEAM HAS BEEN LOWERED INTO PLACE.
 - VERIFICATION OF BOLT HOLE SPACING AND POSITION ON COVER PLATE (B) AND ANGLES (H). CONSIDERATION SHALL BE GIVEN TO THE CURPING EFFECT OF THE TOP COVER PLATE (B), DUE TO WELD SHRINKAGE.
 - VERIFICATION OF THE SPACING BETWEEN EXTERIOR ANGLE (H) FACES AND THEIR RESPECTIVE BOLT HOLE PLACEMENT TO EACH OTHER (VERTICALLY AND HORIZONTALLY).
 - VERIFICATION THAT IN NO CASE SHALL THE OUTSIDE FACE OF VSE (F) EXTEND BEYOND THE OUTSIDE FACES OF THE LONGITUDINAL ANGLES (H).
 - VERIFICATION THAT VERTICAL PLACEMENT OF VSE (F) IS IN THE CORRECT LOCATION.



GRAPHIC NO. 3 - COMPLETED SIDEPLATE BOLTED COLUMN TREE ASSEMBLY

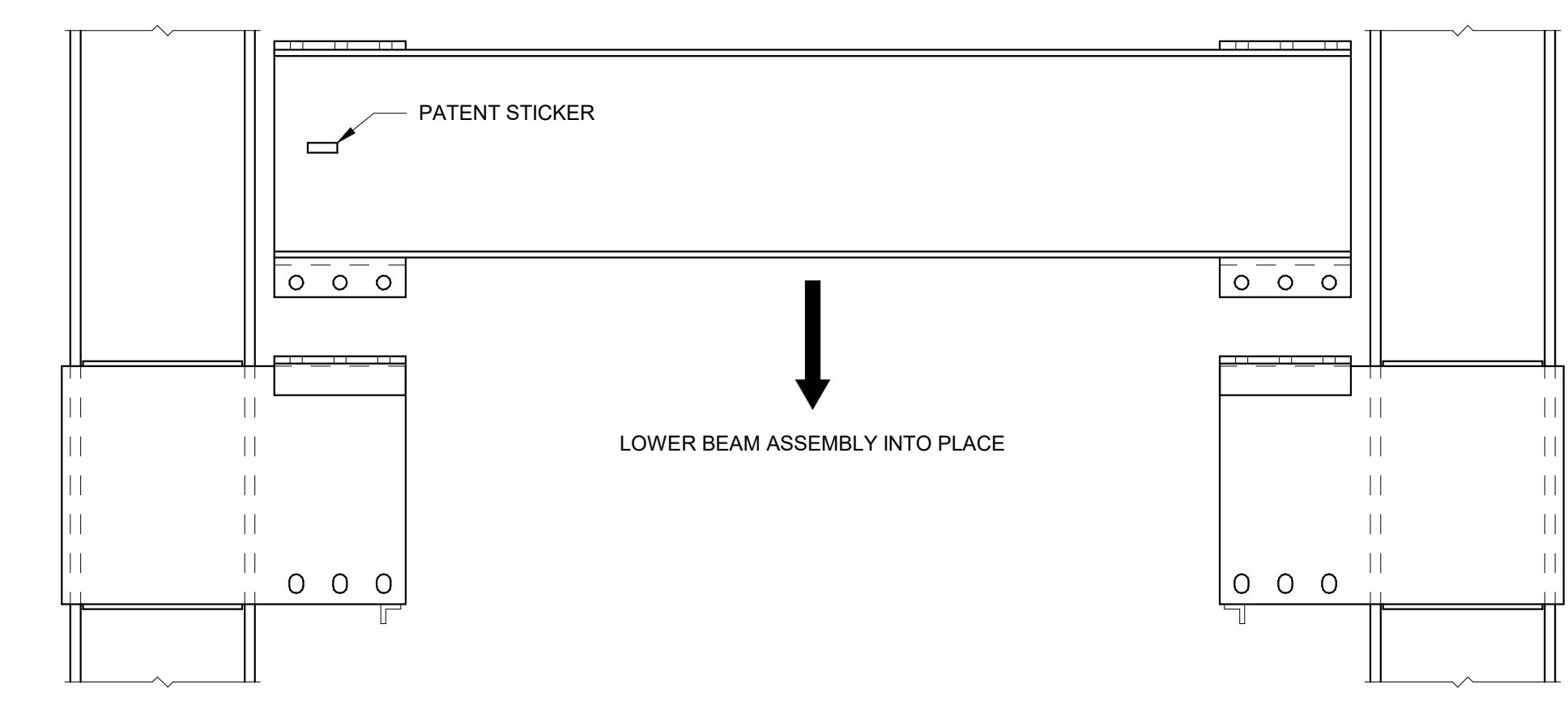
2. WATCH OUR SIDEPLATE BEAM ASSEMBLY VIDEO AT <https://portal.sideplate.com/account/login>



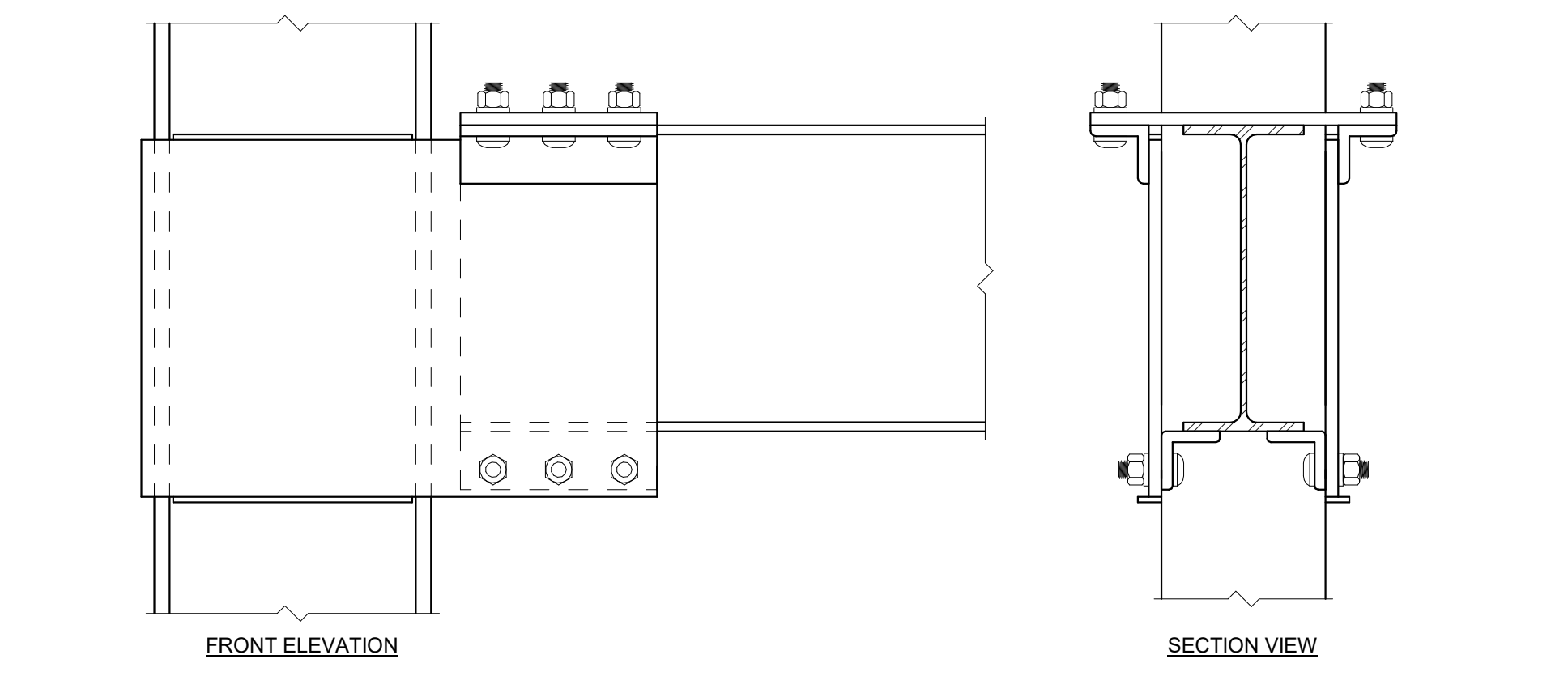
GRAPHIC NO. 4 - ANGLE (H) PLACEMENT

GRAPHIC NO. 5 - ROTATE BEAM ASSEMBLY TO FACILITATE WELD (5) MATERIAL AT MINIMAL EDGE DISTANCE

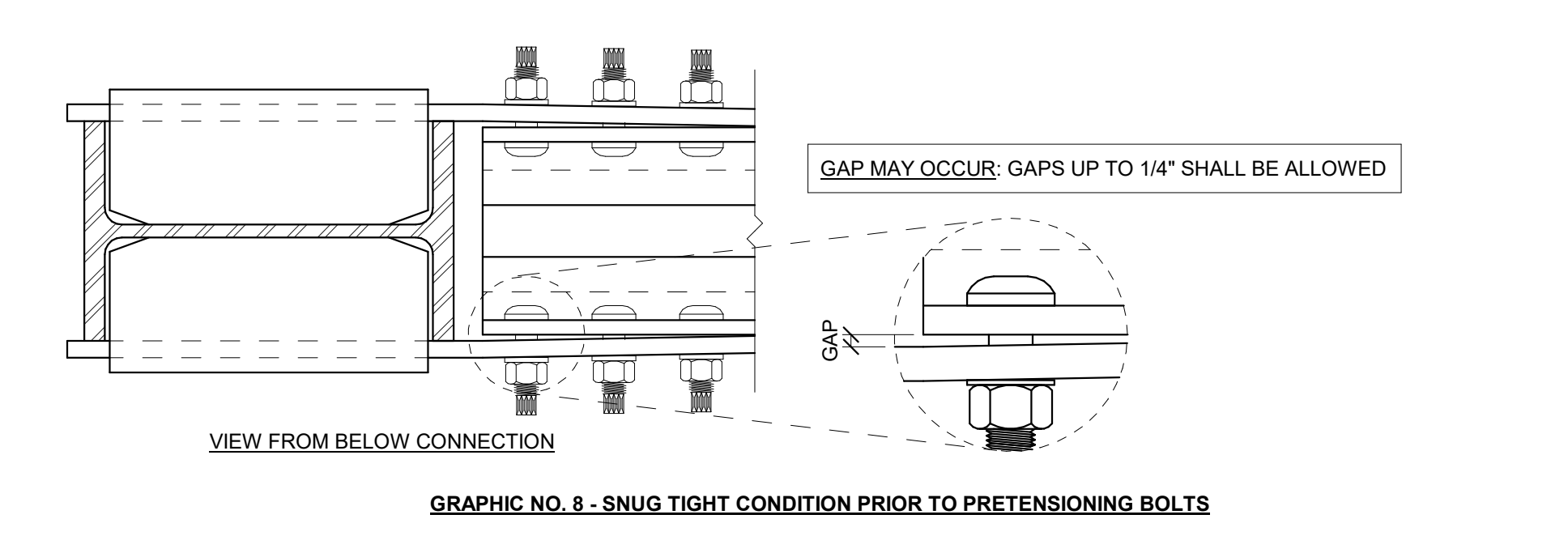
3. WATCH OUR SIDEPLATE FIELD ERECTION VIDEO AT <https://portal.sideplate.com/account/login>



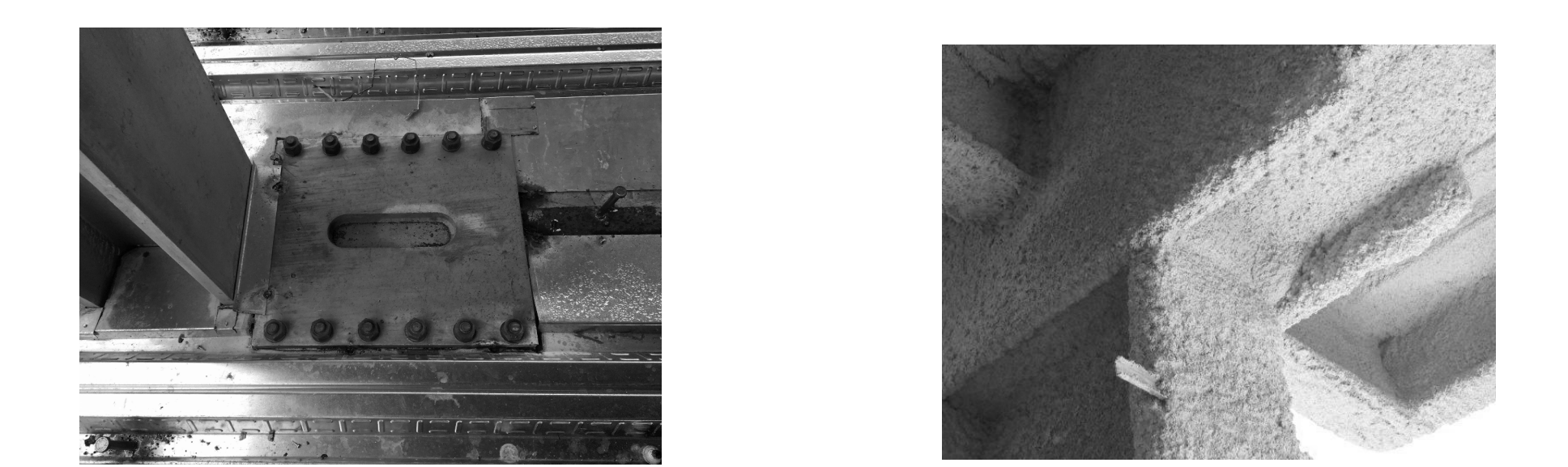
GRAPHIC NO. 6 - FIELD ERECTION OF SIDEPLATE BEAM ASSEMBLY



GRAPHIC NO. 7 - COMPLETED SIDEPLATE BOLTED CONNECTION

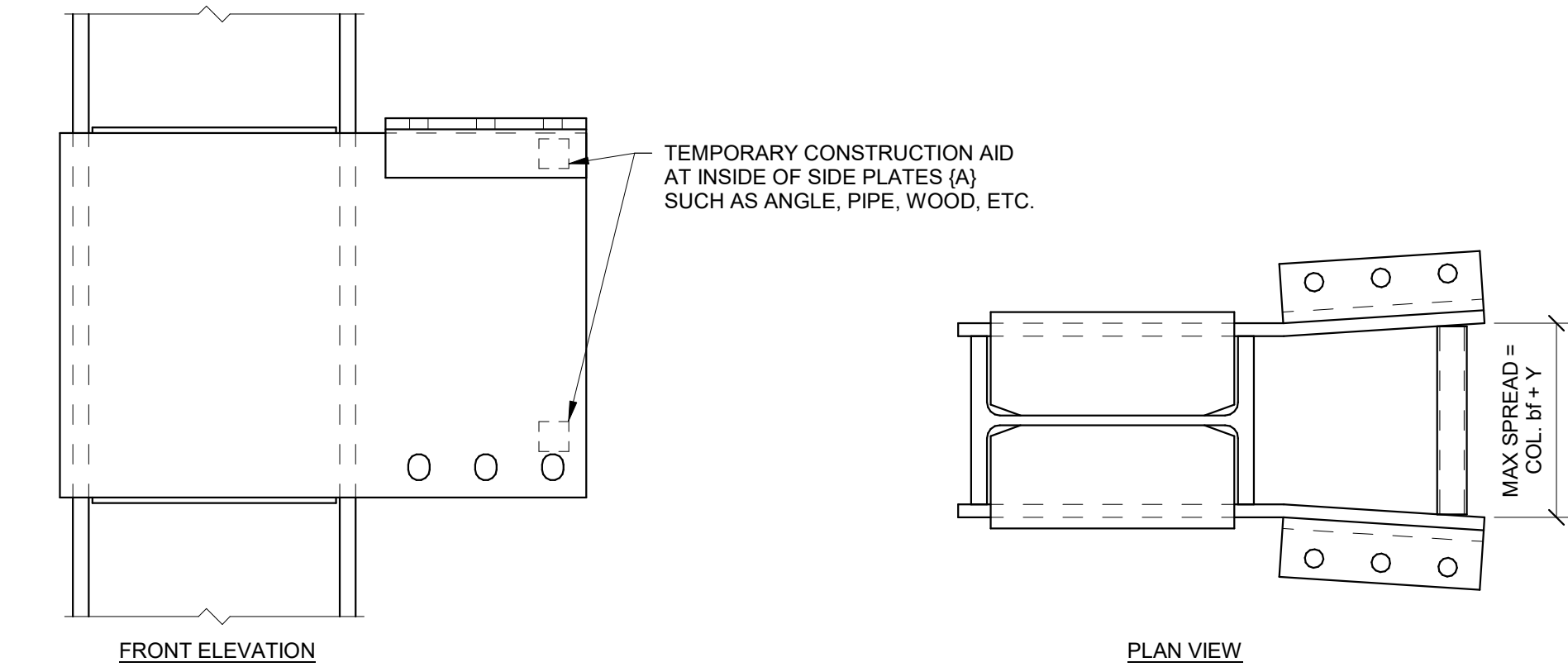


GRAPHIC NO. 8 - SNUG TIGHT CONDITION PRIOR TO PRETENSIONING BOLTS

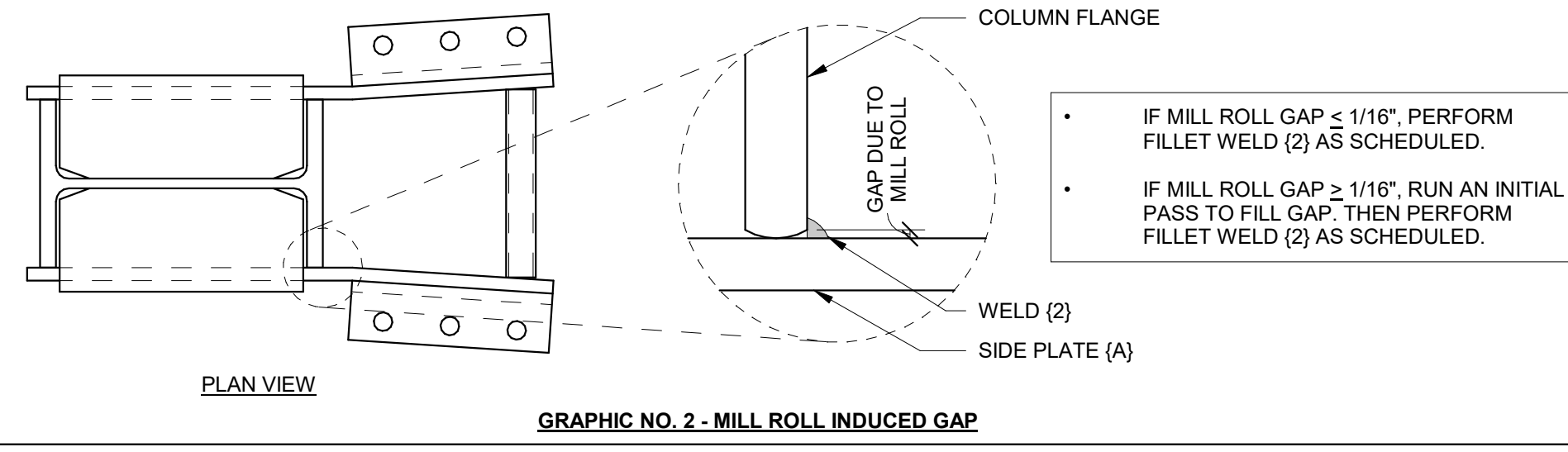


GRAPHIC NO. 9 - TYPICAL GAP CLOSURE AT THE TOP OF THE GAP

GRAPHIC NO. 10 - FIREPROOFING ACROSS THE BOTTOM OF THE GAP

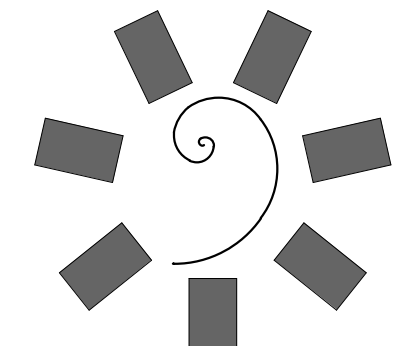


GRAPHIC NO. 1 - COLUMN TREE ASSEMBLY PREPARATION FOR WELD (2)



GRAPHIC NO. 2 - MILL ROLL INDUCED GAP

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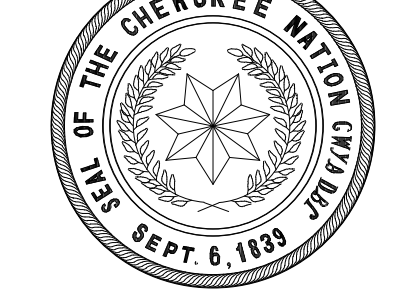
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 www.childersarchitect.com

PROFESSIONAL SEAL

CONSULTANT LOGO

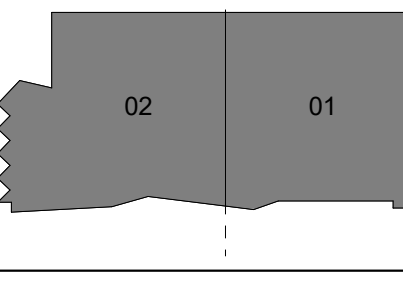


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KEY PLAN



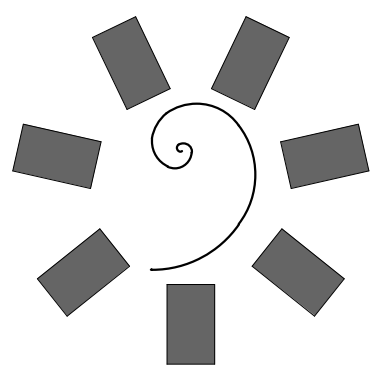
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BULK STEEL PACKAGE

#	DATE	REVISIONS	DESCRIPTION

DATE: 03.15.2019
 JOB NUMBER: 17-13

SHEET NUMBER:
S8.01

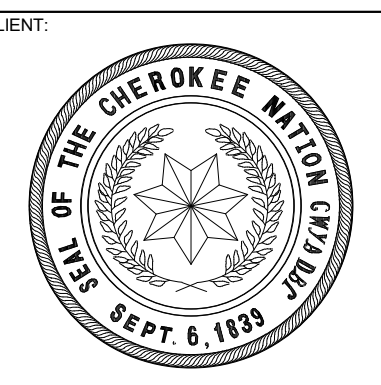
SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES



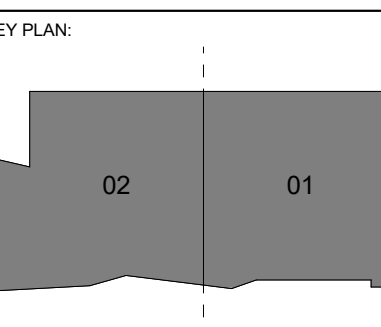
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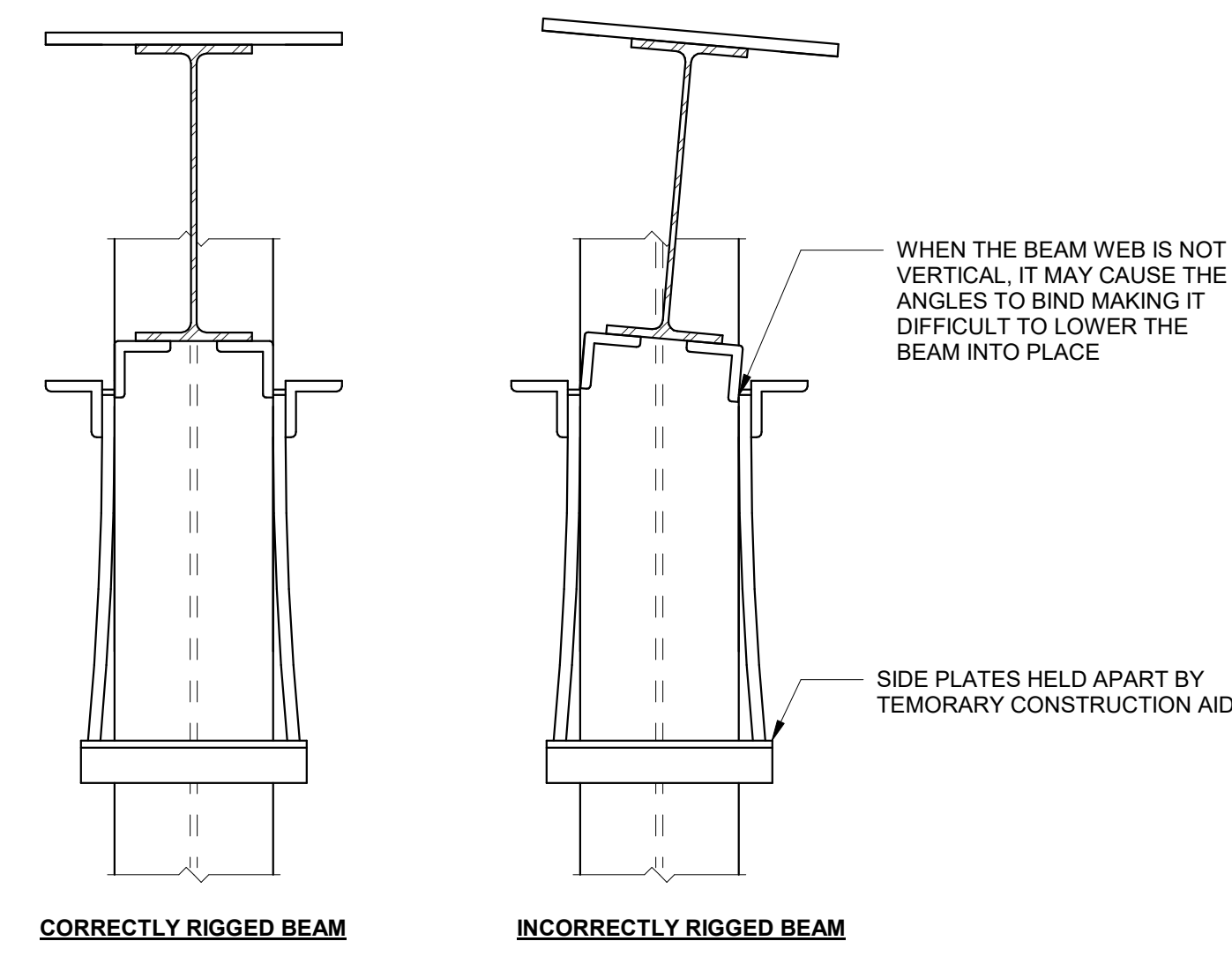
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BULK STEEL PACKACKE

#	DATE	REVISIONS DESCRIPTION

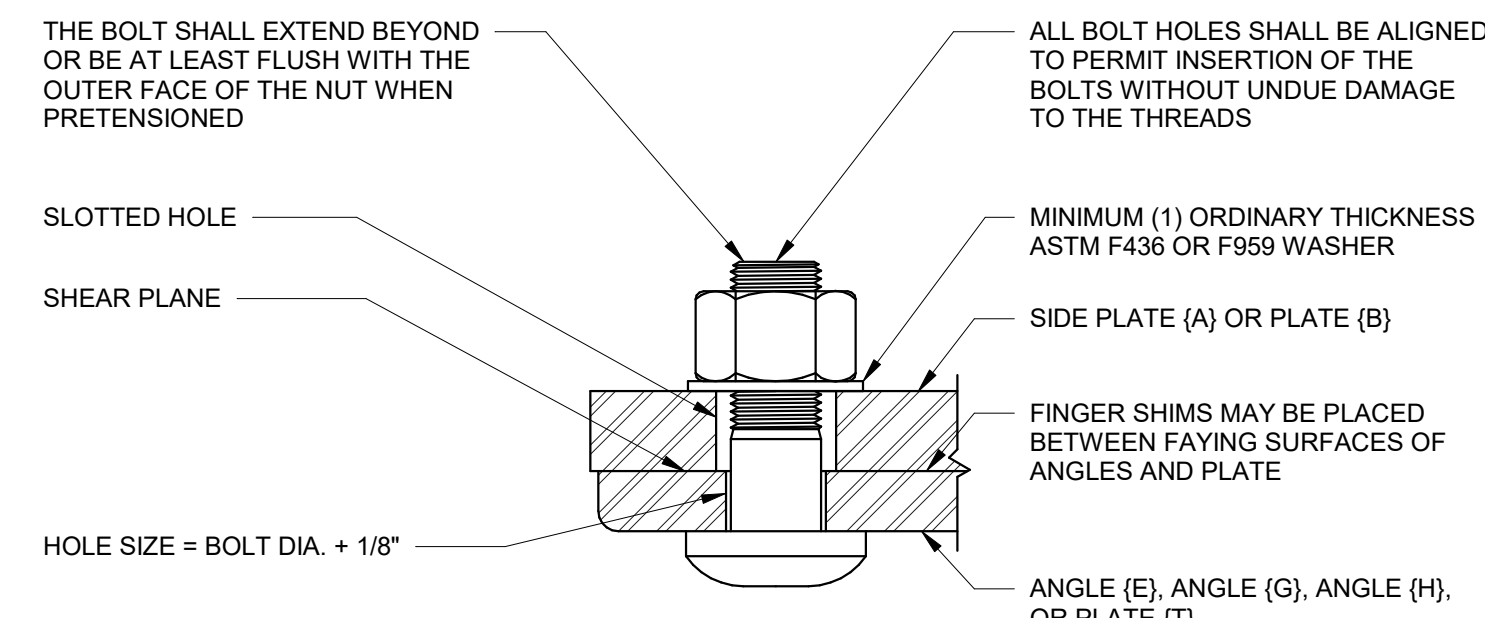
DATE: 03.15.2019 JOB NUMBER: 17-13

SHEET NUMBER:
S8.05

SIDEPLATE FIELD ERECTION DETAILS



4 BEAM INSTALLATION DETAIL
N.T.S.



- NOTE(S):
- BOLTS SHALL BE INSTALLED AS SHOWN TO KEEP THREADS OUTSIDE OF SHEAR PLANE.
 - BOLTS SHALL BE SYSTEMATICALLY INSTALLED AS OUTLINED IN THE BOLTING SPECIFICATIONS, FIRST TO A SNUG TIGHT CONDITION, AND THEN PRETENSIONED.
 - THE USE OF FINGER SHIMS ARE ALLOWED FOR GAPS GREATER THAN 1/8 INCH UP TO 1/4 INCH. CONTACT SIDEPLATE SYSTEMS, INC. IF GAPS ARE GREATER THAN 1/4 INCH.
 - NUT SHALL BE ASTM A563.
 - THE BOLT/FASTENER ASSEMBLY SHALL BE COVERED IN A LIGHT PROTECTIVE OIL.
 - FOLLOW QUALITY CONTROL SECTION FOR EXPOSURE LIMITATION ON BOLTS/FASTENERS.

3 FIELD BOLTING DETAIL
N.T.S.

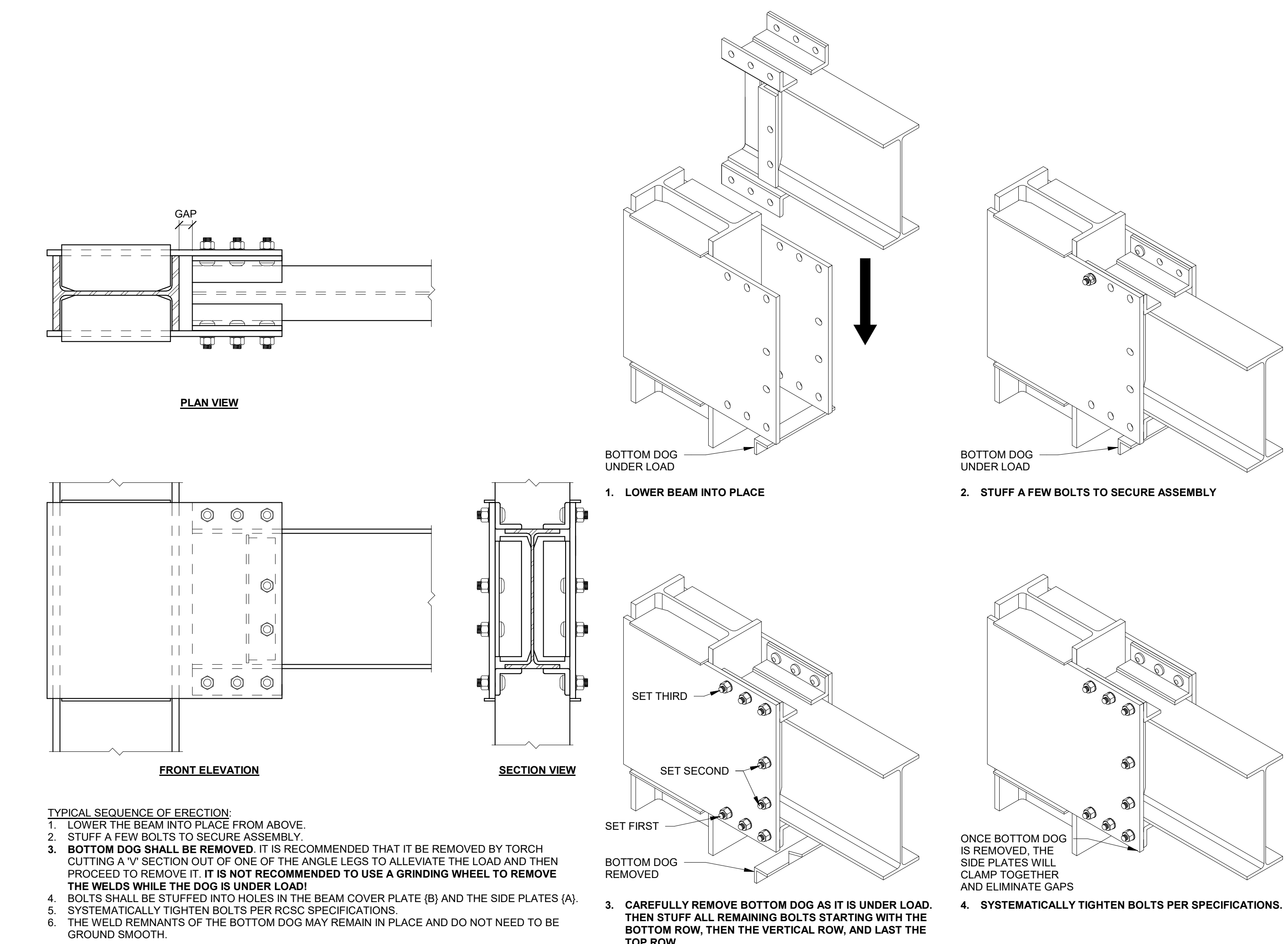
ID	MISCELLANEOUS		
	BEAM	BOLT Ø	HORIZONTAL BOLTS

2 BEAM ERECTION SCHEDULE
N.T.S.

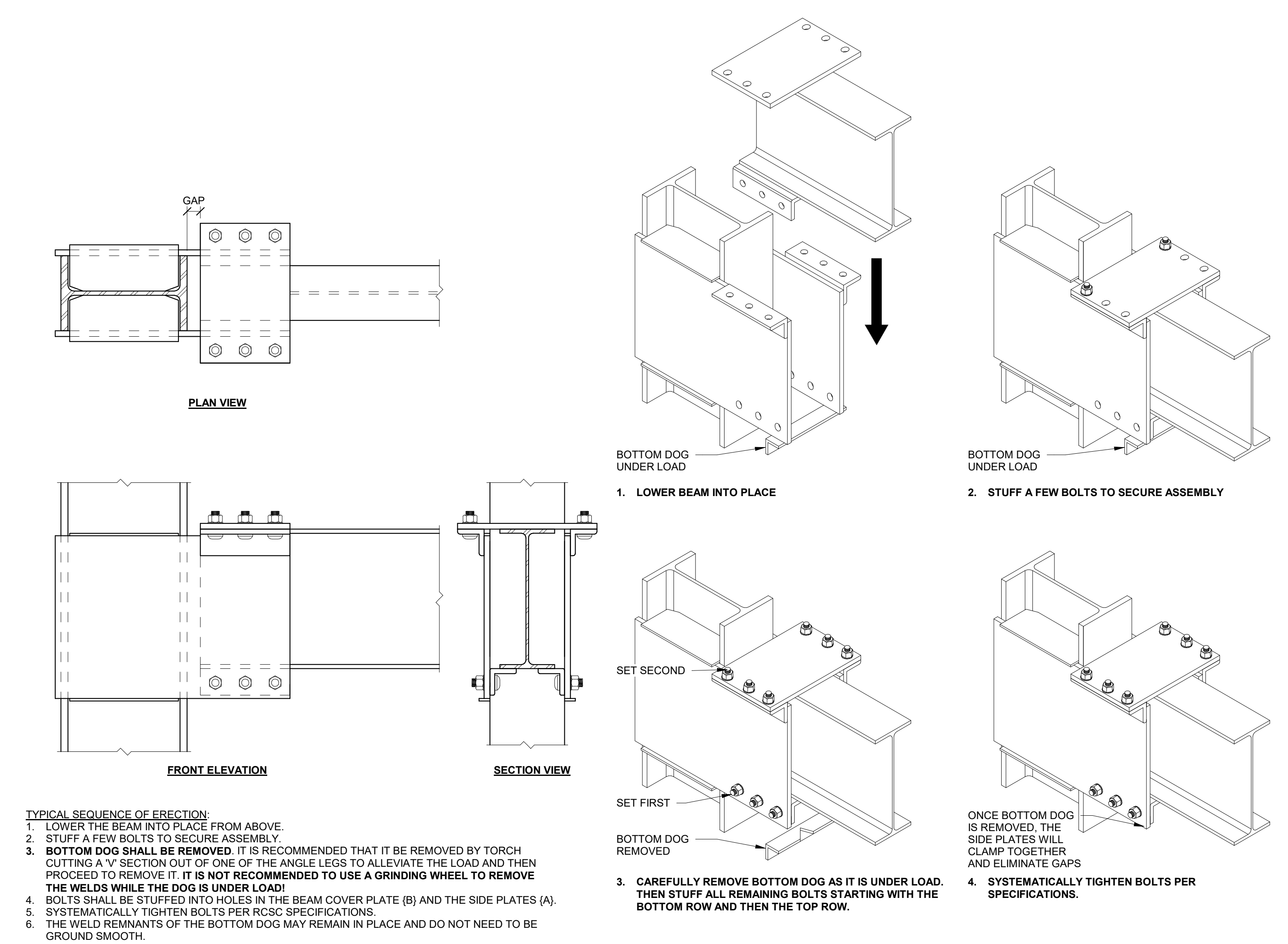
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v10.01.08

ID	MISCELLANEOUS			
	BEAM	BOLT Ø	HORIZONTAL BOLTS	VERTICAL BOLTS

6 NARROW BEAM ERECTION SCHEDULE
N.T.S.



5 NARROW BEAM ERECTION DETAIL
N.T.S.

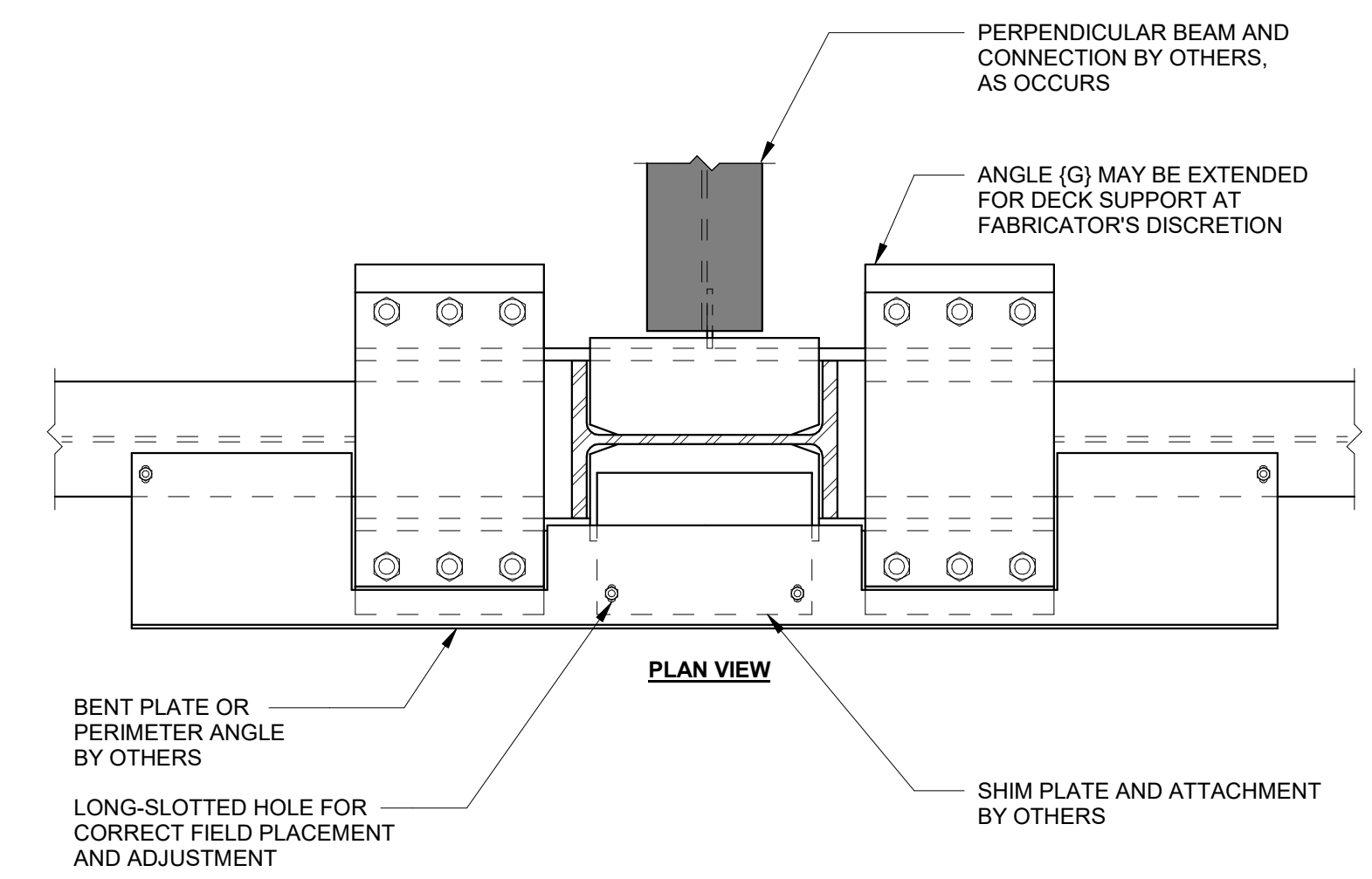
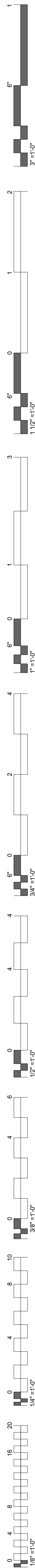


1 BEAM ERECTION DETAIL
N.T.S.

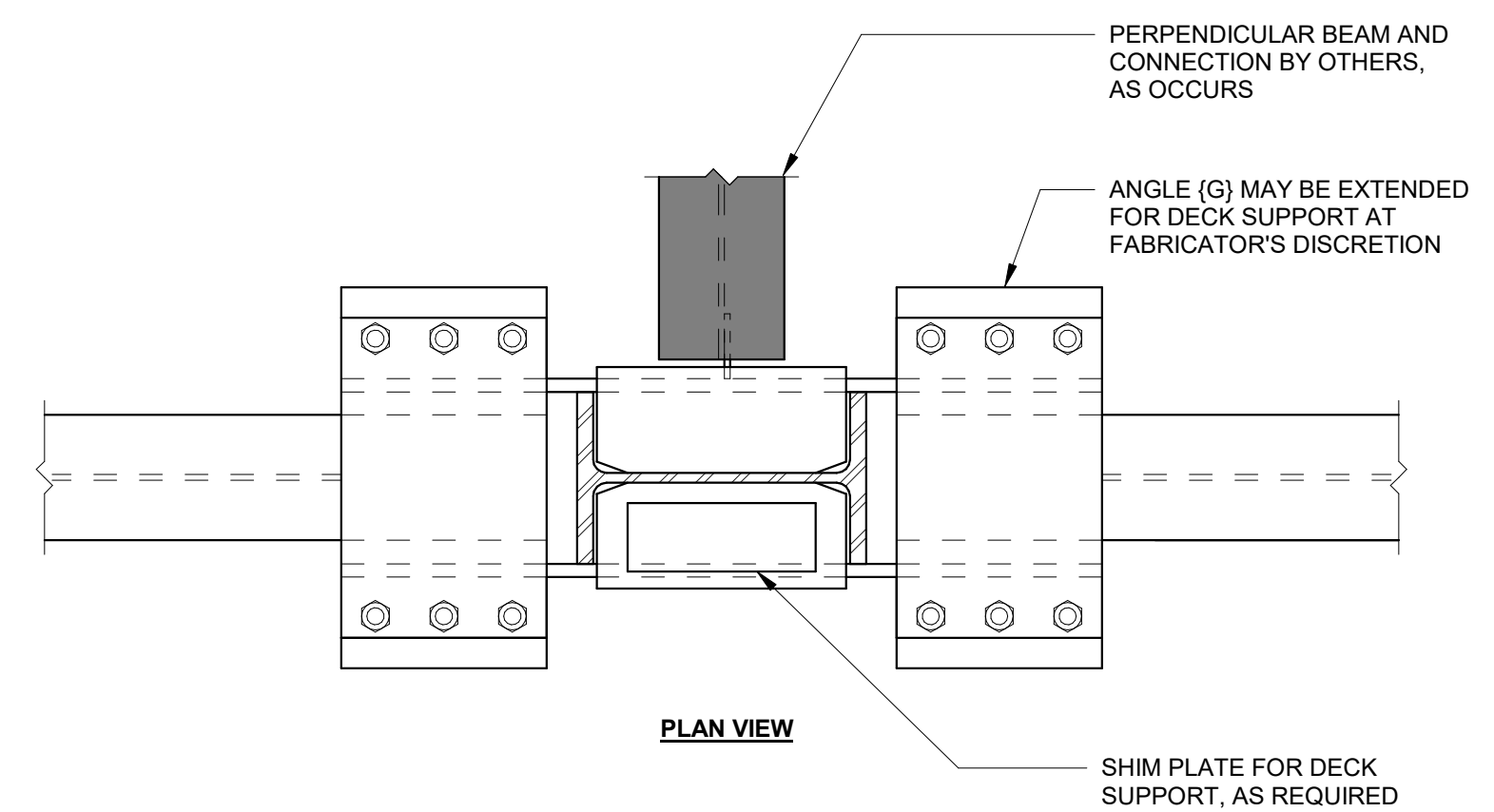
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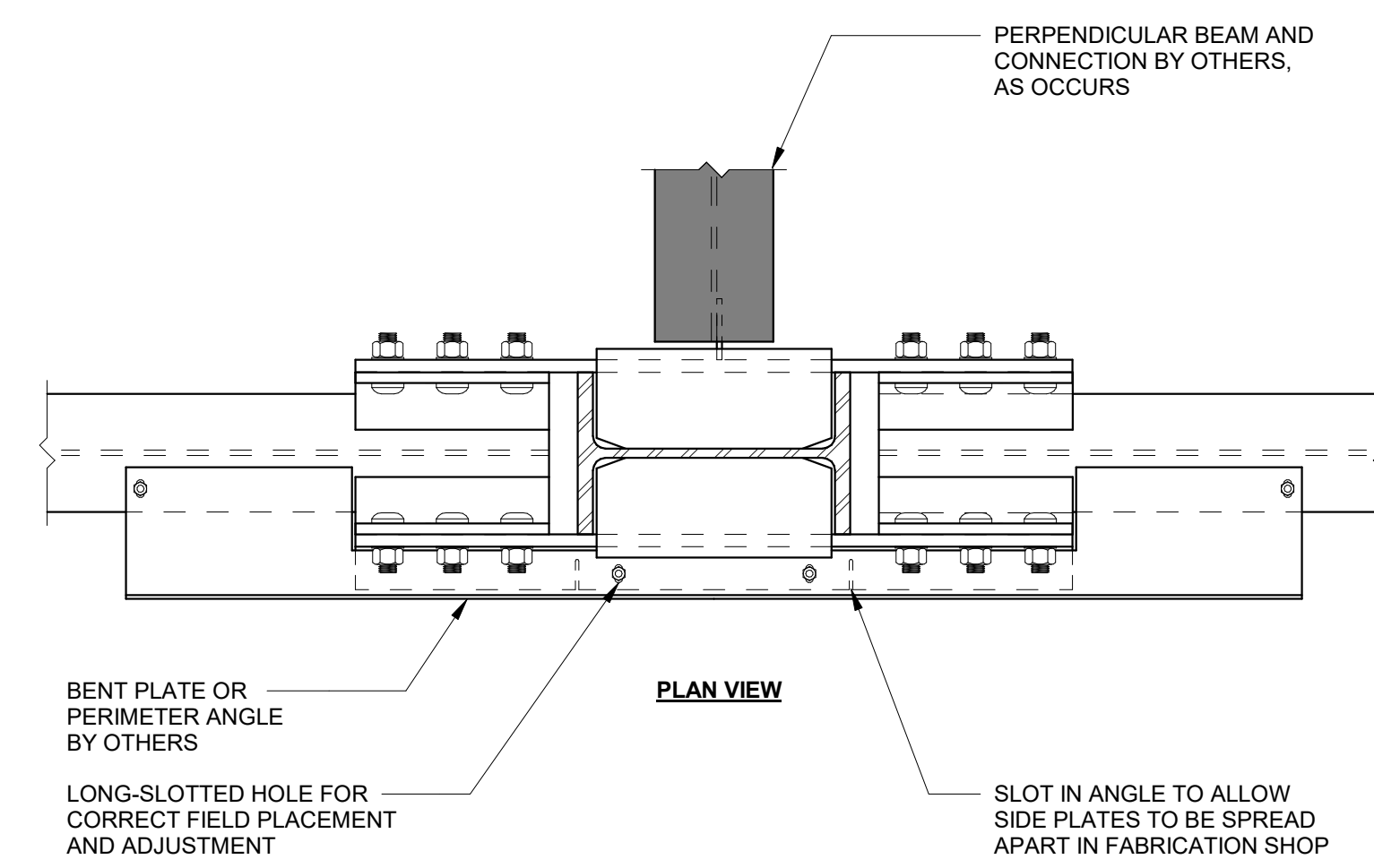
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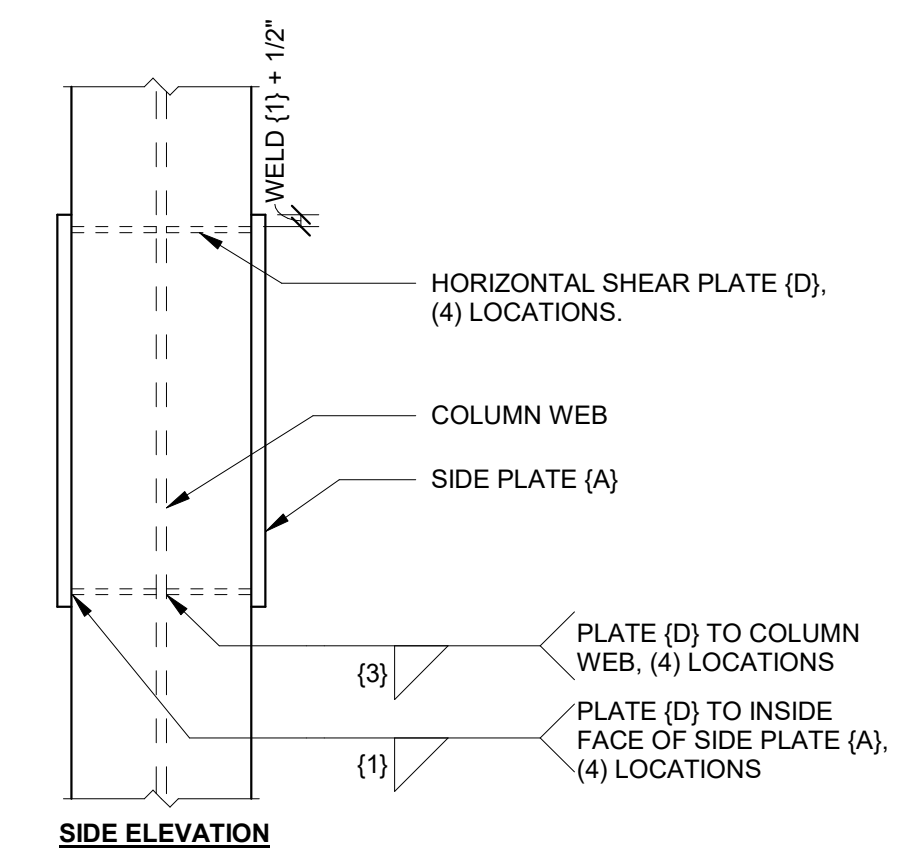
4 SLAB EDGE DETAIL
 N.T.S.



3 DECK SUPPORT DETAIL
 N.T.S.

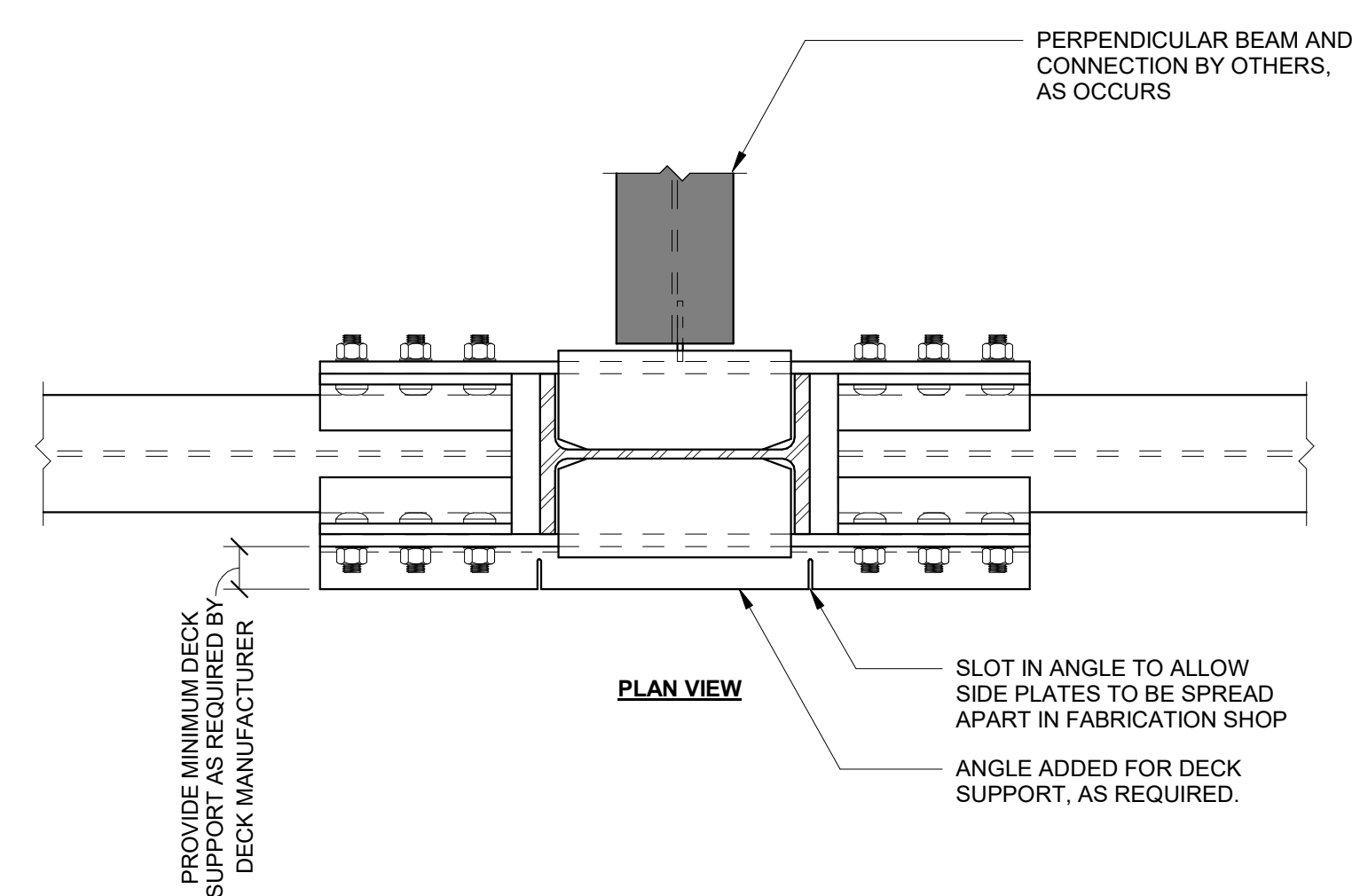


6 NARROW CONFIGURATION SLAB EDGE DETAIL
 N.T.S.

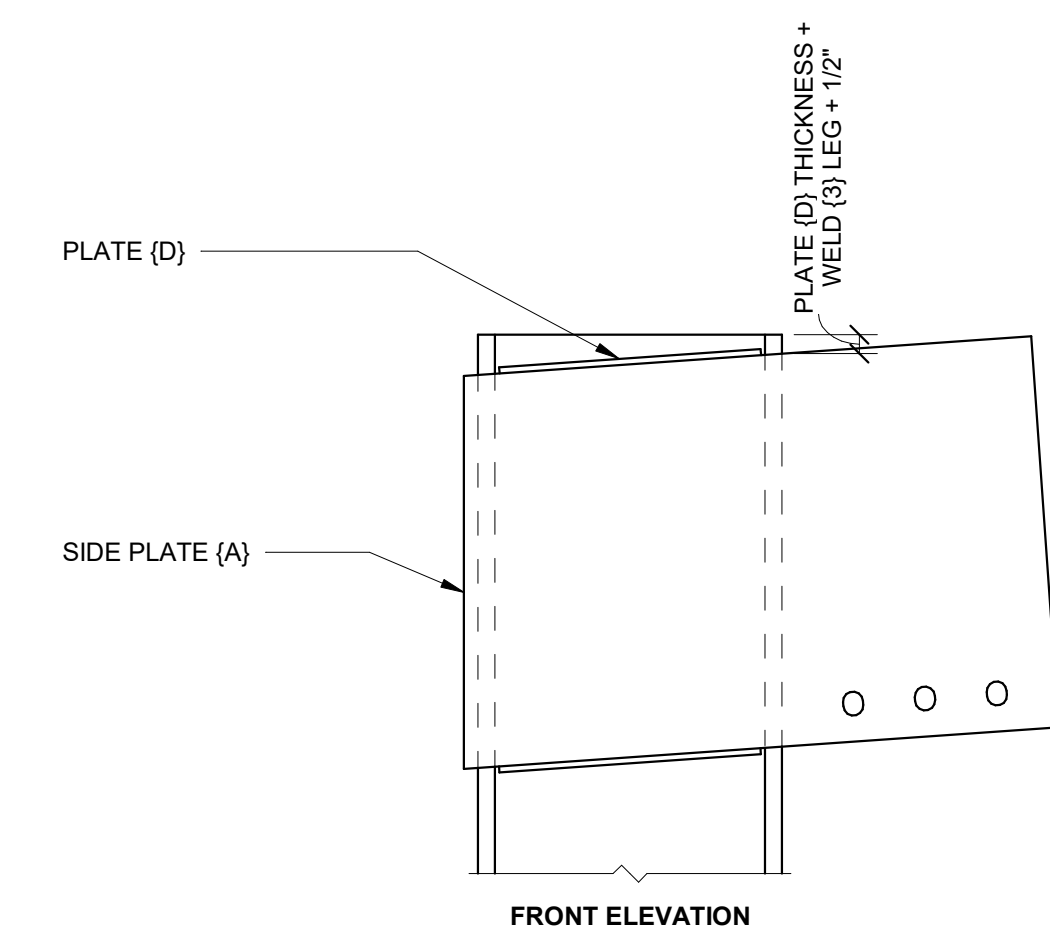


NOTE(S):
 1. LONGITUDINAL ANGLES (G) NOT SHOWN FOR CLARITY.

2 PLATE (D) ALTERNATE DETAIL
 N.T.S.

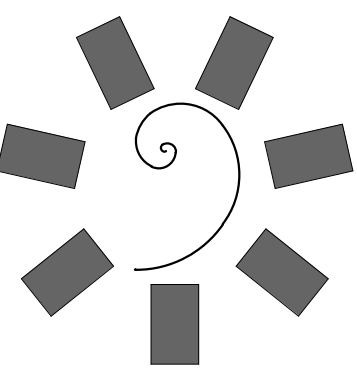


5 NARROW CONFIGURATION DECK SUPPORT DETAIL
 N.T.S.

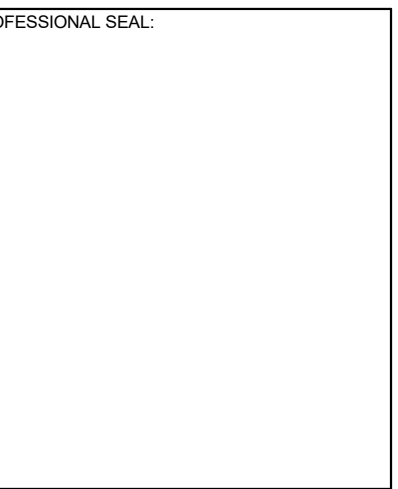


NOTE(S):
 1. SLOPED CONDITION SHOWN, CONNECTION MAY BE FLAT.
 2. LONGITUDINAL ANGLES (G) NOT SHOWN FOR CLARITY.

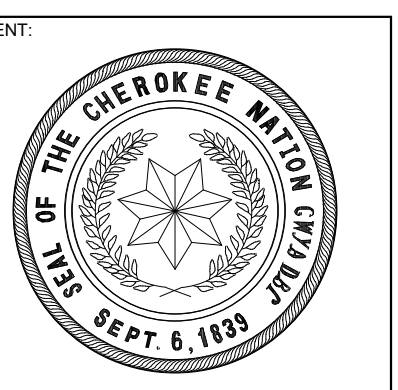
1 DISCONTINUOUS COLUMN DETAIL
 N.T.S.



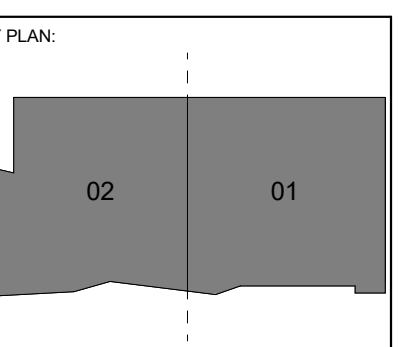
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