

GENERAL CONSTRUCTION NOTES:

- ALL WORK SHALL COMPLY WITH THE 2012 INTERNATIONAL BUILDING CODE, AS APPROVED BY THE VETERANS ADMINISTRATION GUIDELINES.
- REFERENCE STANDARDS: UNLESS OTHERWISE NOTED (U.O.N.), ALL STANDARDS SHALL BE CURRENT EDITION, WITH LATEST ADDENDA, IF APPLICABLE.
- THE CONTRACTOR SHALL VERIFY ALL CONTRACT DOCUMENTS, SITE ELEVATIONS, DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR INCONSISTENCIES.
- SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE MEANS OR METHOD OF CONSTRUCTION. TEMPORARY BRACING AND SHORING AGAINST WIND AND ERECTION CONDITIONS DURING CONSTRUCTION OF THE BUILDING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROTECTION OF THE STRUCTURE DURING ALL PHASES OF DEMOLITION, CONSTRUCTION, AND INSTALLATION.
- TEMPORARY BRACING AND SHORING AGAINST WIND AND ERECTION CONDITIONS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- NO AREA OF THE STRUCTURE SHALL BE LOADED WITH CONSTRUCTION MATERIALS OR EQUIPMENT THAT EXCEEDS FINAL DESIGN CRITERIA.
- SEE MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS FOR ALL OPENINGS AND INSERTS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- VERIFY LOCATION OF BOX OUTS AND OPENINGS WITH MECHANICAL CONTRACTORS. OPENING SIZES AND LOCATIONS SHOWN FOR PIPES, DUCTS ETC. ARE FOR GENERAL INFORMATION ONLY AND SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR BEFORE COMMENCING THE WORK.
- IF MECHANICAL AND ELECTRICAL EQUIPMENT SIZES, WEIGHTS, OR LOCATIONS DO NOT CONCLUDE WITH EQUIPMENT SHOWN ON PLANS, COORDINATE ADJUSTMENTS WITH THE STRUCTURAL ENGINEER.
- HOLES, PIPES, SLEEVES, ETC. NOT SHOWN ON THE DRAWINGS MUST BE APPROVED BY THE STRUCTURAL ENGINEER BEFORE PLACEMENT THROUGH STRUCTURAL MEMBERS.
- CONTRACTOR SHALL PROVIDE A CAST-IN SLEEVE FOR ALL HORIZONTAL ELEMENTS THAT EXTEND THROUGH FOOTING. IT'S DRAIN TILE ELECTRICAL CONDUIT MECHANICAL PIPING, ETC. ALL SLEEVES SHALL BE COORDINATED WITH ARCHITECT/ENGINEER.
- SHOP DRAWINGS PREPARED BY SUPPLIERS, SUBCONTRACTORS, ETC., SHALL BE DIMENSIONED, REVIEWED, COORDINATED, AND SIGNED/ STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE STRUCTURAL ENGINEER. MANUFACTURED COMPONENTS SUCH AS TRUSSES OR PRECAST CONCRETE SHALL BE ENGINEERED AND STAMPED PRIOR TO SUBMISSION.
- FABRICATOR SHALL CLEARLY NOTE CHANGES MADE IN THE SHOP DRAWINGS WHICH DO NOT COMPLY WITH THE CONTRACT DOCUMENTS. REVIEWED APPROVAL SHOP DRAWINGS SHOWING ENGINEERS COMMENTS ACCOMPANIED WITH RECORD SET SHOP DRAWINGS, SHALL BE AVAILABLE FOR REFERENCE AT THE CONSTRUCTION SITE.
- EXPANSION ANCHORS (EXP. ANC.) SHALL BE HILTI "HIT" HY-200 USING "HAS" STANDARD RODS" OR EQUIVALENT (U.O.N.). USE HILTI HIT HY-150 ICE FOR COLD WEATHER APPLICATIONS. SEE SPECIFICATIONS FOR USAGE. INSTALL ANCHORS IN STRUCTURAL CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- ADHESIVE ANCHORS (AA) SHALL BE HILTI "HIT HY-200 USING "HAS" STANDARD RODS" OR EQUIVALENT (U.O.N.). USE HILTI HIT HY-150 ICE FOR COLD WEATHER APPLICATIONS. SEE SPECIFICATIONS FOR USAGE. INSTALL ANCHORS IN STRUCTURAL CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- DESIGN LOADS: (2012 IBC CRITERIA)

FLOOR LIVE LOADS:

OFFICE	50 psf
PARTITIONS	15 psf

CORRIDORS & STAIRS	100 psf
CORRIDORS (ABOVE 1ST FLOOR)	80 psf
MECHANICAL ROOMS	80 psf

ROOF LIVE LOADS:

FLAT ROOF SNOW	Pf = 35 psf
IMPORTANCE FACTOR	Is = 1.0
EXPOSURE FACTOR	Ce = 1.0
THERMAL FACTOR	Ct = 1.0
GROUND SNOW LOAD	Pg = 50 psf
CONSTRUCTION LOADING	25 psf

DEAD LOADS:

TYPICAL FLOOR	105 psf
TYPICAL ROOF	20 psf

LATERAL LOADS (WIND-MEMERS):

BASIC WIND SPEED (3 SEC. GUST)	115 mph
WIND EXPOSURE	Is = 1.0
IMPORTANCE FACTOR	Im = 1.0
INTERNAL PRESSURE COEFF	ei = 0.18

LATERAL LOADS (SEISMIC-MEMERS):

IMPORTANCE FACTOR	Im = 1.0
OCCUPANCY CATEGORY	II
SPECTRAL RESPONSE	Se = 0.79
SI = 0.022	

SITE CLASS	"E"
SPECTRAL RESPONSE COEFF	as S = .131
SD = 0.01	
SEISMIC DESIGN CATEGORY	"A"
SEISMIC RESISTING SYSTEM	ORDINARY REINF. CMU WALLS
ANALYSIS PROCEDURE	E.L.F.

CONCRETE NOTES:

- CONCRETE CONSTRUCTION SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE (ACI) CODES AND SPECIFICATIONS, LATEST EDITION.
ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE"
ACI 315 "DETAILS & DETAILING OF CONCRETE REINFORCEMENT"
ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
- CAST-IN-PLACE CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTHS AS FOLLOWS:
3000 psi - FOOTINGS
3000 psi - EXTERIOR FOUNDATION WALLS
3000 psi - INTERIOR FOUNDATION WALLS
3000 psi - INTERIOR SLABS ON GRADE
4000 psi - EXTERIOR SLABS ON GRADE - AIR ENTRAINED
4000 psi - STRUCTURAL SLABS
3000 psi - TOPPING (REINF. W/ FIBERMEASH)
4000 psi - EXTERIOR SLABS ON DECK - AIR ENTRAINED
- CONCRETE MIX DESIGN SHALL BE BY AN INDEPENDENT TESTING LABORATORY.
- CAST-IN-PLACE CONCRETE SHALL BE SUBJECT TO TESTING BY AN INDEPENDENT TESTING LABORATORY. SEE PROJECT SPECIFICATIONS FOR REQUIREMENTS.
- NON WELDED REINFORCING STEEL SHALL BE GRADE 60 DEFORMED, BILLET-STEEL, ASTM A615, U.O.N. ALL WELDED WIRE FABRIC (WWF) SHALL BE PLAIN, ASTM A185.
- WELDED REINFORCING STEEL SHALL BE GRADE 60, LOW CARBON, ASTM A706.
- CLEAR CONCRETE COVER FOR ALL REINFORCING SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE DRAWING:
CONCRETE ON SOIL 3"
SLAB ON GRADE 2"
WALLS, STRUCTURAL SLABS
FORMED AND EXPOSED TO EARTH OR WEATHER:
#6 THROUGH #18 2"
#5 AND SMALLER 1 1/2"
NOT EXPOSED TO EARTH AND WEATHER:
#11 AND SMALLER 3/4"
BEAMS AND COLUMNS (COVER TO STIRRUPS OR TIES) 1 1/2"
- PROVIDE EXTRA REINFORCEMENT AROUND ALL OPENINGS GREATER THAN 12" SQUARE OR 12" IN DIAMETER, INCLUDING DOOR OPENINGS IN CONCRETE WALLS & SLABS. PROVIDE TWO (2) #5 BARS @ 3" O.C. ON EACH SIDE OF THE OPENING EXTENDING 24" BEYOND THE CORNER OF THE OPENING & TWO (2) #5 BARS AT 3" O.C. BY 3'-0" LONG DIAGONAL BARS AT EACH CORNER. PLACE DIAGONAL BARS CENTERED ON CORNER @ 2" CLEAR OF CORNER. ADDITIONAL REINFORCEMENT SHALL BE PROVIDED AT EACH LAYER OF REINFORCING.
- REINFORCING STEEL SHALL BE BENT, SPLICED, AND PLACED IN ACCORDANCE WITH THE ACI 301 (LATEST EDITION).

FOUNDATION NOTES:

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- DESIGN LOADS: (2012 IBC CRITERIA)

EXCAVATION AND BACKFILL NOTES:

- EXCAVATION AND BACKFILL SHALL BE EXECUTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- BACKFILL & COMPACTION SHALL BE INSPECTED AND CERTIFIED BY A LICENSED GEOTECHNICAL ENGINEER. REPORTS ARE TO BE SUBMITTED TO THE ARCHITECT/ENGINEER.
- FOOTING EXCAVATIONS SHALL BE EXCAVATED TO PROPER LINE AND LEVEL TO ENSURE MINIMUM CONCRETE COVER OF FOOTING REINFORCEMENT FOR FOOTING DEPTH.
- BACKFILL SHALL BE COMPACTED BY MECHANICAL MEANS. FLOODING OR WATER INUNDATION SHALL NOT BE PERMITTED.
- BACKFILL SHALL BE PLACED IN ALTERNATING LIFTS ON EACH SIDE OF THE FOUNDATION WALLS TO MAINTAIN STABILITY OF THE FOUNDATION WALLS.
- BACKFILL SHALL NOT BE PLACED AGAINST BASEMENT FOUNDATION WALLS UNLESS WALLS ARE ADEQUATELY BRACED TOP AND BOTTOM. FINAL WALL BRACING IS BASEMENT SLAB AND 1ST FLOOR STRUCTURE. IF THESE ELEMENTS ARE NOT IN PLACE AT TIME OF BACKFILL, CONTRACTOR SHALL PROVIDE AN ENGINEERED, TEMPORARY BRACING SYSTEM. THE TEMPORARY BRACING SYSTEM PROPOSED SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO BACKFILLING.

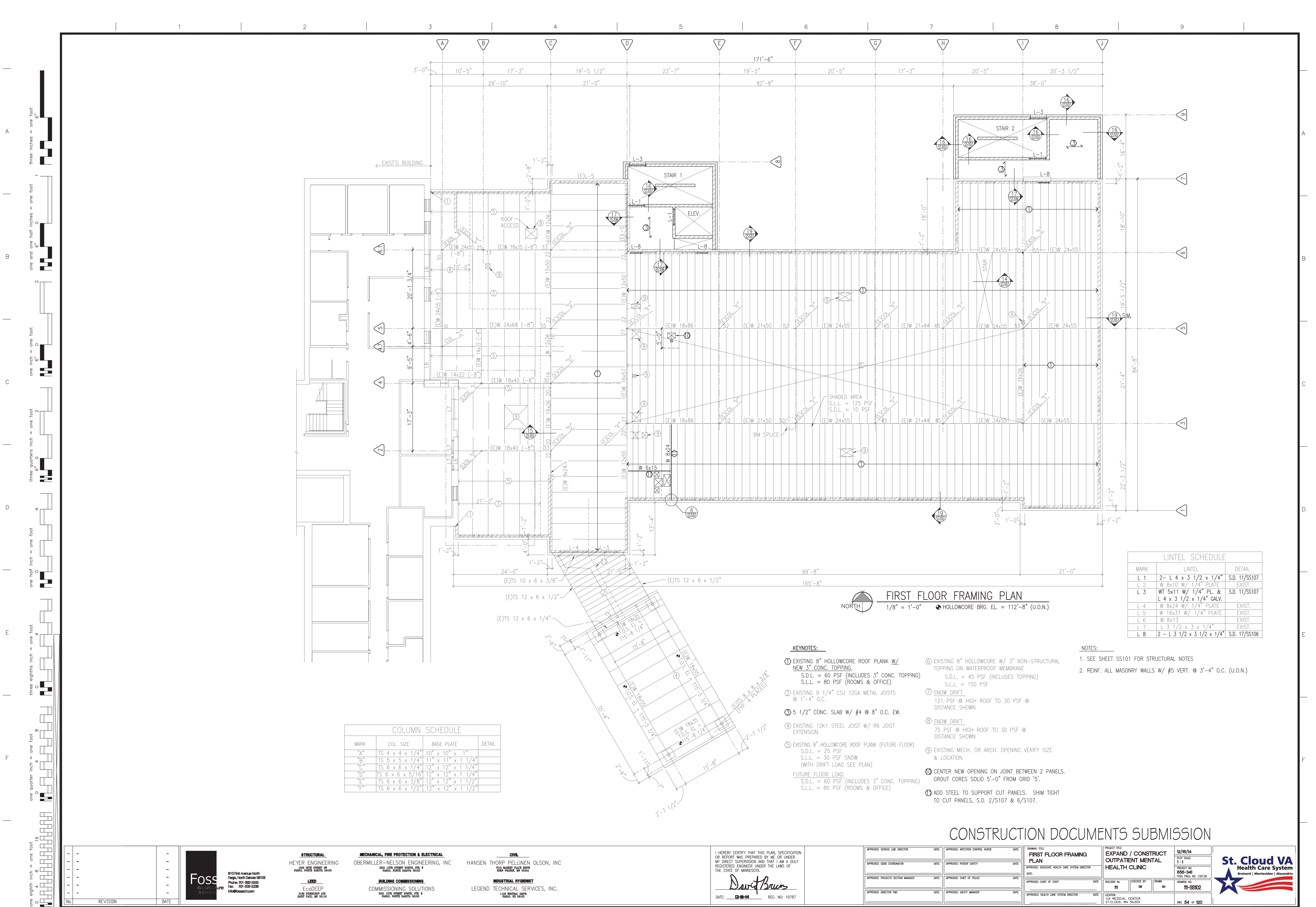
MASONRY NOTES:

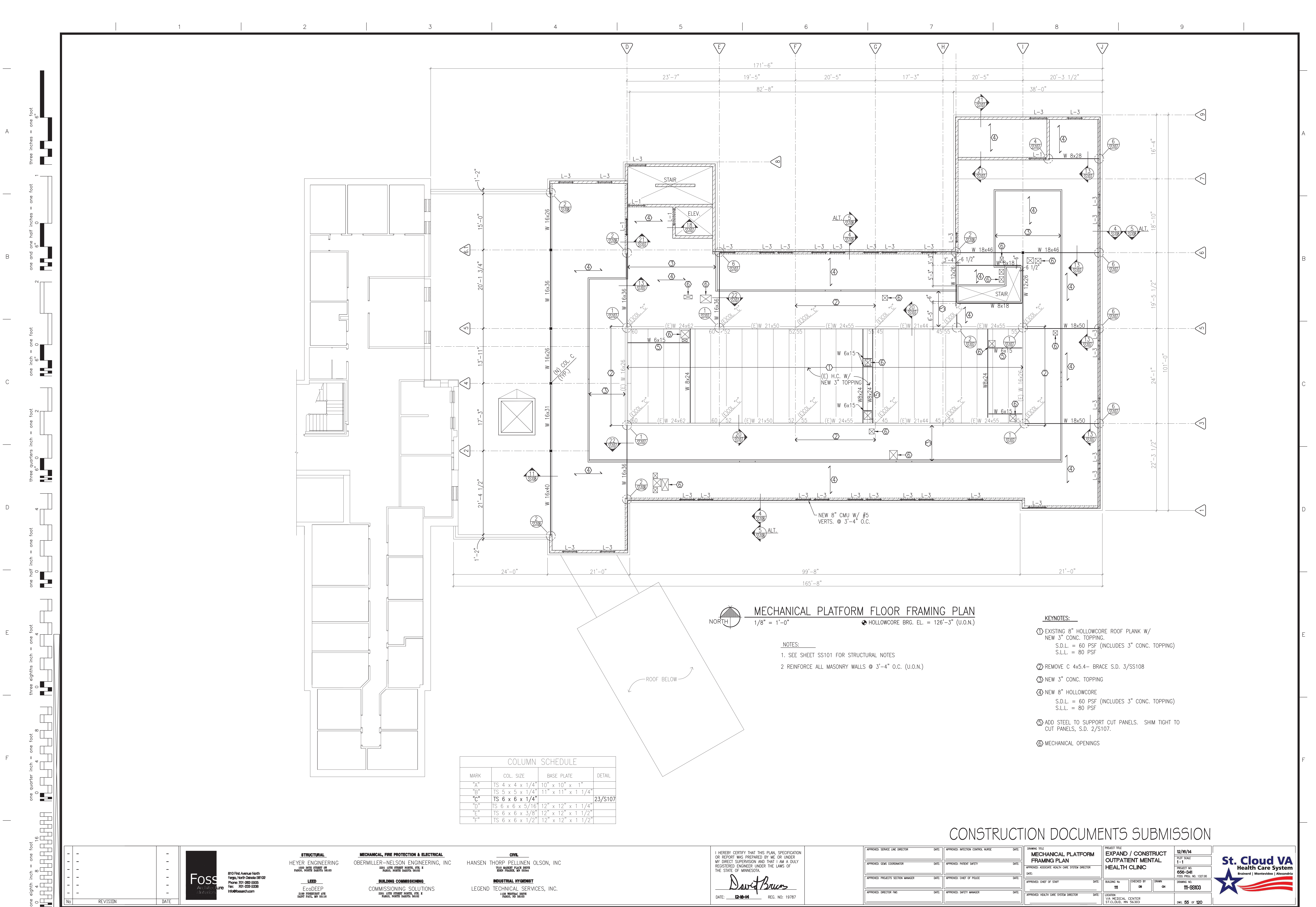
- CONCRETE BLOCK MASONRY UNITS SHALL CONFORM TO GRADE 'N', MOISTURE CONTROLLED TYPE I REQUIREMENTS OF ASTM C90, WITH AN ASSUMED COMPRESSIVE STRENGTH $F_m = 1500$ psi. MORTAR SHALL CONFORM TO ASTM C270 AND SHALL BE TYPE 'M' OR TYPE 'S' WITH TYPE 'M' BELOW GRADE.
- BOND BEAMS SHALL HAVE 2 - #5 REINFORCING BARS CONTINUOUS. PROVIDE AT TOP OF WALLS AND WHERE SHOWN ON PLAN OR DETAILS. SEE STANDARD DETAILS FOR TYPICAL CORNER BARS.
- CONCRETE GROUT FOR UNIT MASONRY CORES AND BOND BEAMS SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 psi.
- MASONRY WALLS ARE TO BE SUPPORTED LATERALLY UNTIL THE ENTIRE ROOF AND/OR FLOOR IS IN PLACE AS DETAILLED.
- WIRE REINFORCING FOR CMU WALLS SHALL BE CORROSION RESISTANT 9 Ga. HORIZONTAL JOINT REINFORCING CONFORMING TO ASTM A951. REINFORCING SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS WITH MAXIMUM SPACING OF 16" O.C. (U.O.N.)
- MASONRY REINFORCING SHALL BE LAPPED AS FOLLOWS:
#3 BAR = 18" #6 BAR = 36"
#4 BAR = 24" #7 BAR = 42"
#5 BAR = 30" #8 BAR = 48"
- VERTICAL REINFORCING BARS SHALL BE HELD IN POSITION AT TOP AND BOTTOM AND AT 192 (REIN) DIAMETER INTERVALS MAXIMUM. LENGTH OF REINFORCING BARS TO BE COORDINATED WITH GENERAL CONTRACTOR AND MASONRY CONTRACTOR.
- WHERE CELLS ARE TO BE FILLED W/ CONCRETE GROUT, PROVIDE ADDITIONAL FULL MORTAR BED AT CROSS WEBS ENCLOSING GROUTED CELL.
- CONSOLIDATE ALL CONCRETE GROUT BY PUDDLING OR VIBRATING.
- BLOCK COURSING SHOWN ON STRUCTURAL PLANS MAY NOT BE REPRESENTATIVE OF ACTUAL COURSING. SEE ARCHITECTURAL PLANS AND SECTIONS FOR ACTUAL LAYOUT OF BLOCK COURSING.
- MASONRY PIERS SHALL BE LAID UP SIMULTANEOUSLY WITH WALLS AND SHALL BE INTERLOCKED WITH WALL BLOCKS.
- FIRST COURSE OF ALL HOLLOW MASONRY SHALL BE PLACED ON A FULL BED OF MORTAR.
- CAST DOWELS, WITH STANDARD HOOKS, IN FOOTINGS FOR PIERS AND WALLS ABOVE. DOWELS SHALL BE THE SAME SIZE AND SPACING OF VERTICAL REINFORCING (U.O.N.)

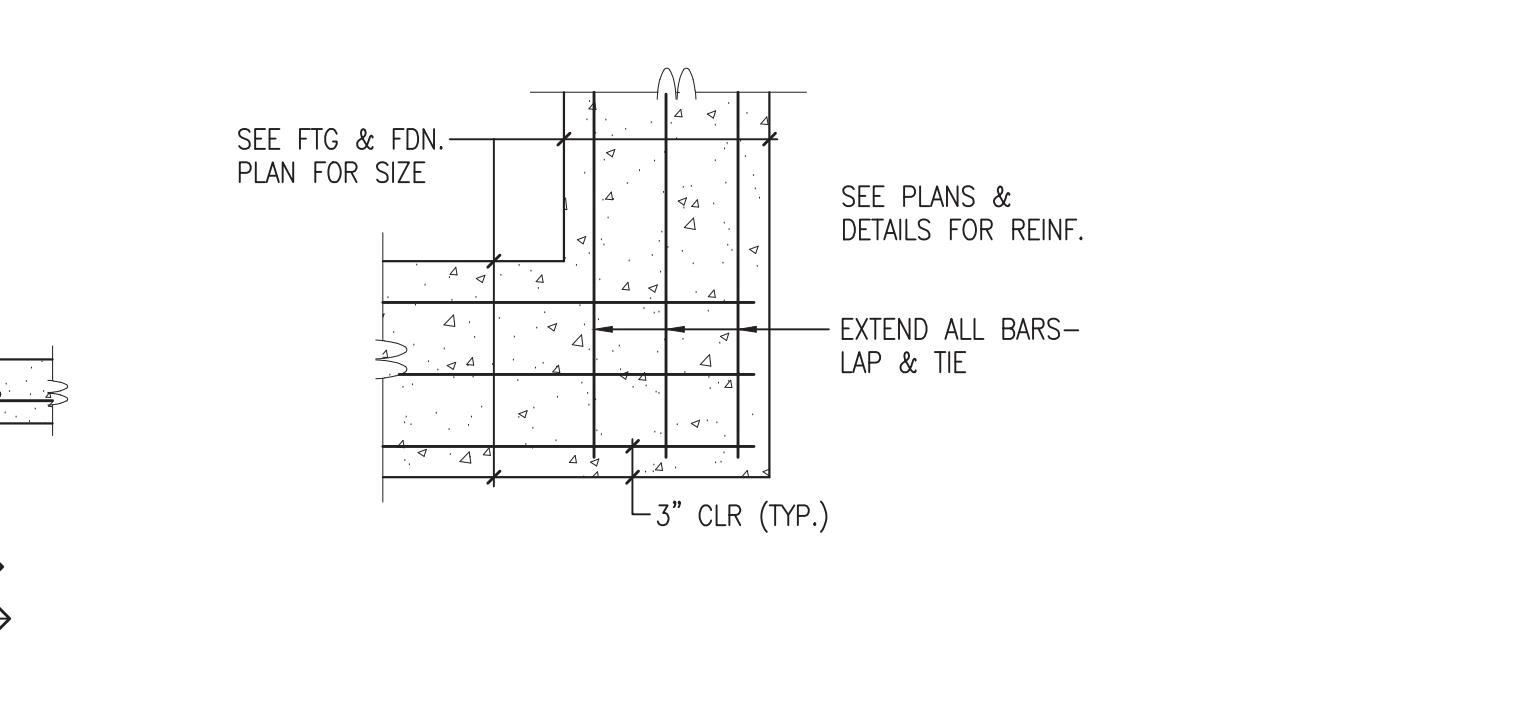
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REINFORCING STEEL SPLICE LENGTHS STANDARD NON-COATED BARS

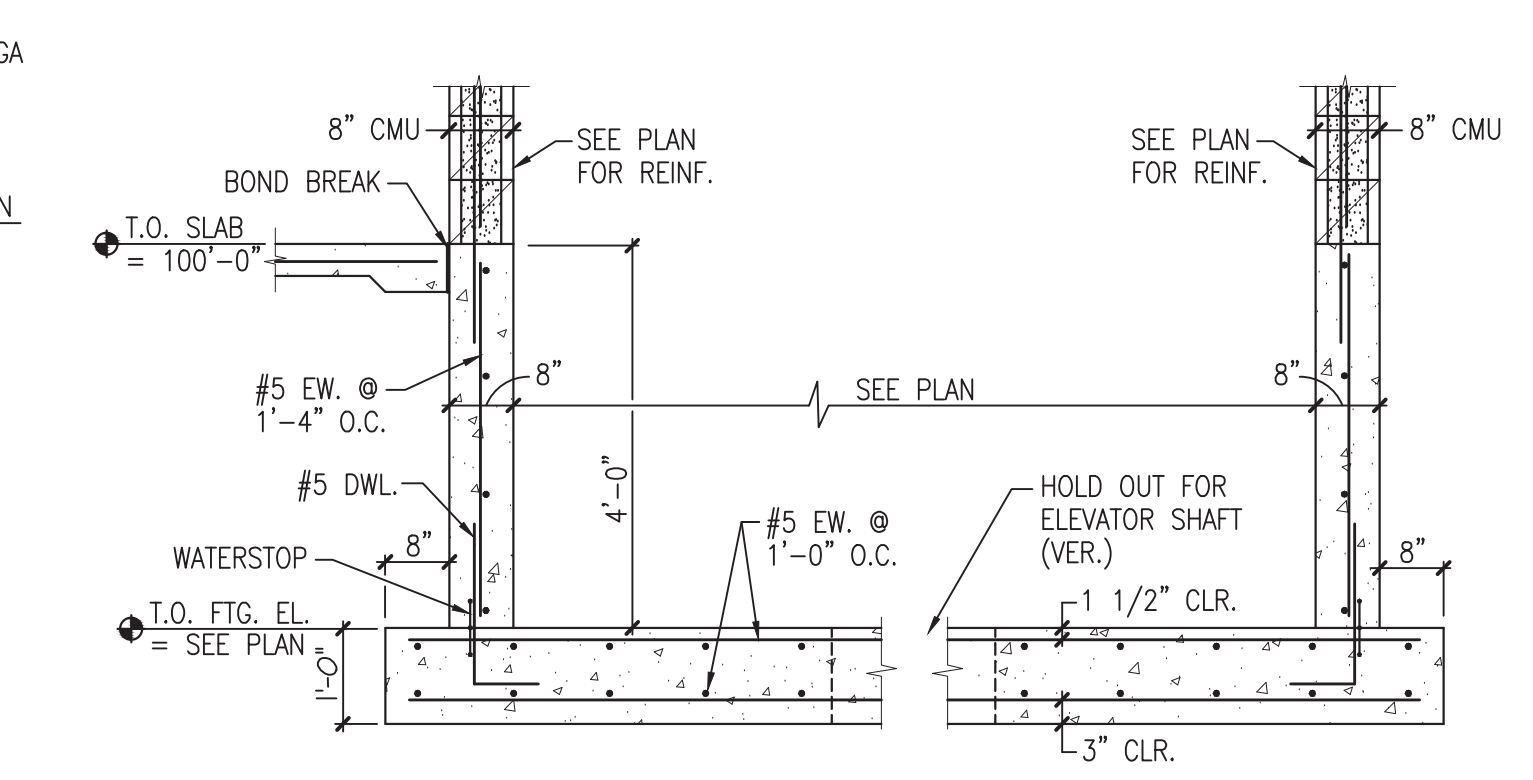
REINFORCING STEEL SPLICE LENGTHS STANDARD NON-COATED BARS									
CONCRETE STRENGTH	TYPE #1 SPLICE CLASS A SPLICE	TYPE #2 SPLICE CLASS B SPLICE	TYPE #3 SPLICE CLASS B SPLICE	TYPE #4 SPLICE CLASS B SPLICE	TYPE #5 SPLICE CLASS B SPLICE	TYPE #6 SPLICE CLASS B SPLICE	TYPE #7 SPLICE CLASS B SPLICE	TYPE #8 SPLICE CLASS B SPLICE	TYPE #9 SPLICE CLASS B SPLICE
F'c	#7 and SMALLER	#7 and LARGER	#7 and SMALLER	#7 and LARGER	#7 and SMALLER	#7 and LARGER	#7 and SMALLER	#7 and LARGER	#4 and LARGER
3000 psi	44	58	57	71	85	84	107	78	30 Bd
3500 psi	41	54	53	66	79	78	99	84	30 Bd
4000 psi	38	47	49	62	74	74	92	84	30 Bd
5000 psi	34	42	44	55	66	66	83	84	30 Bd
6000 psi	31	38	40	50	60	60	76	84	30 Bd
Bd = BAR DIAMETER									



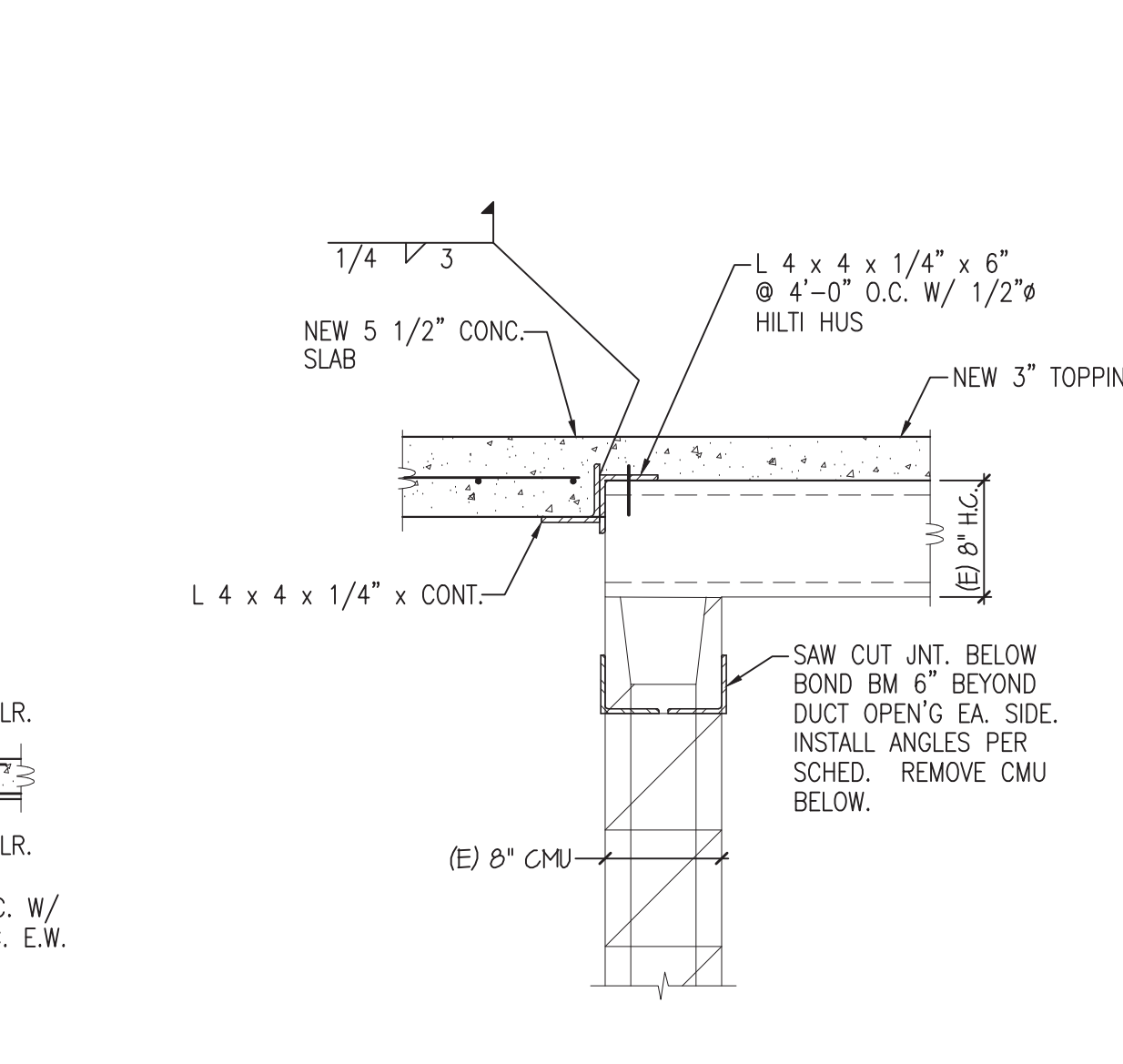




5 FTG. CORNER DETAIL
SS106 NO SCALE



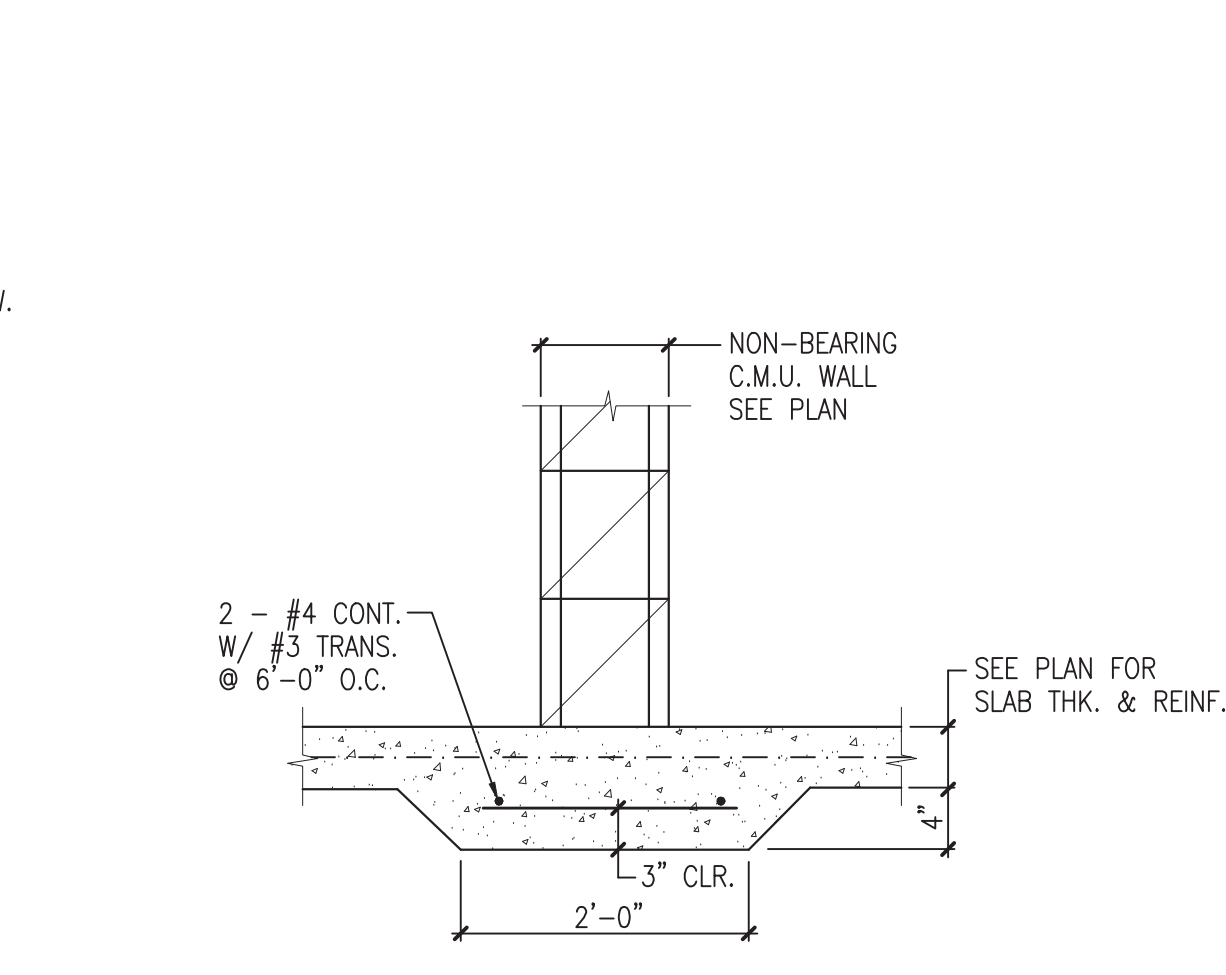
11 ELEVATOR PIT DETAIL
SS106 1/2" = 1'-0"



17
SS106

CONN. DETAIL

1" = 1'-0"



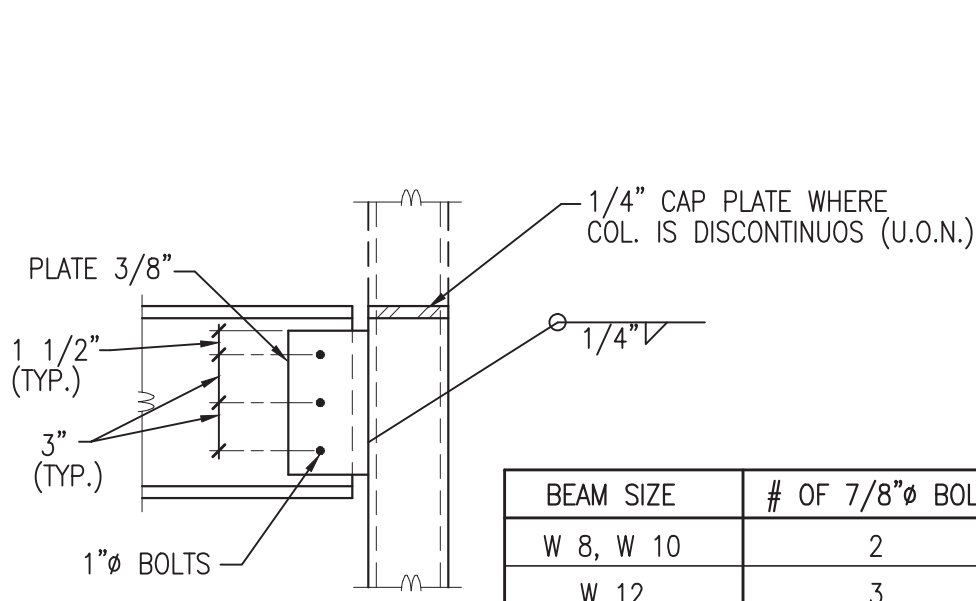
21 THK. SLAB DETAIL
SS106 NO SCALE



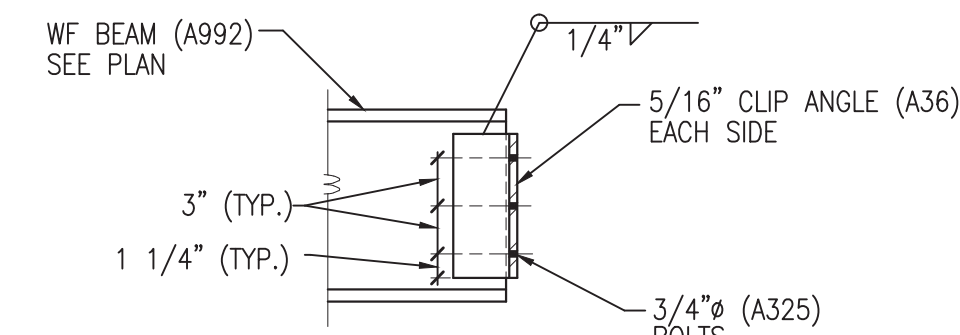
St. Cloud VA
Health Care System
Brainerd | Montevideo | Alexandria

CONSTRUCTION DOCUMENTS SUBMISSION

VA FORM 08-6231



BEAM SIZE	# OF 7/8" Ø BOLTS	MAX. LOAD (KIPS)
W 8, W 10	2	11
W 12	3	22
W 14, W 16	4	35
W 18	5	49
W 21	6	62
W 24, W 27	7	76



NOTE:
USE NUMBER OF ROWS OF BOLTS REQ'D. BASED ON REACTIONS LISTED ON PLANS. USE MINIMUM ROWS AS LISTED

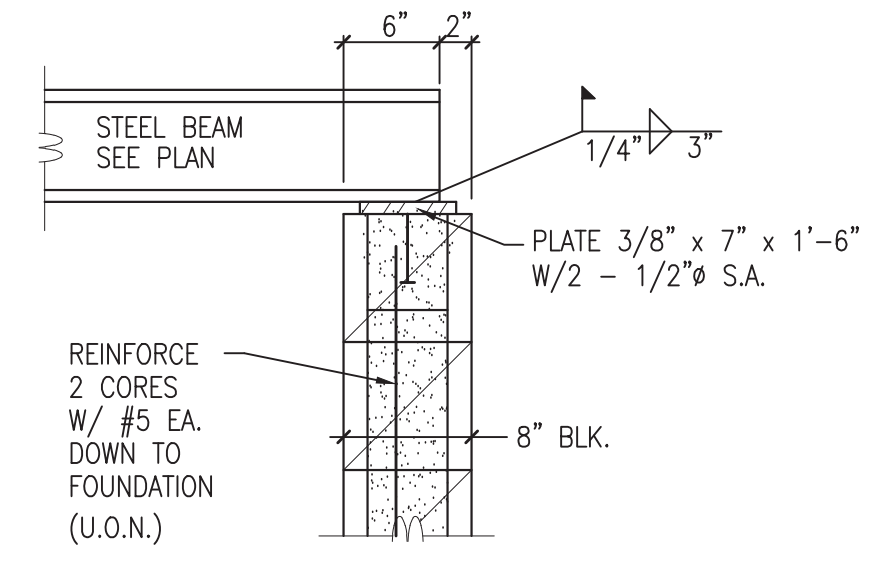
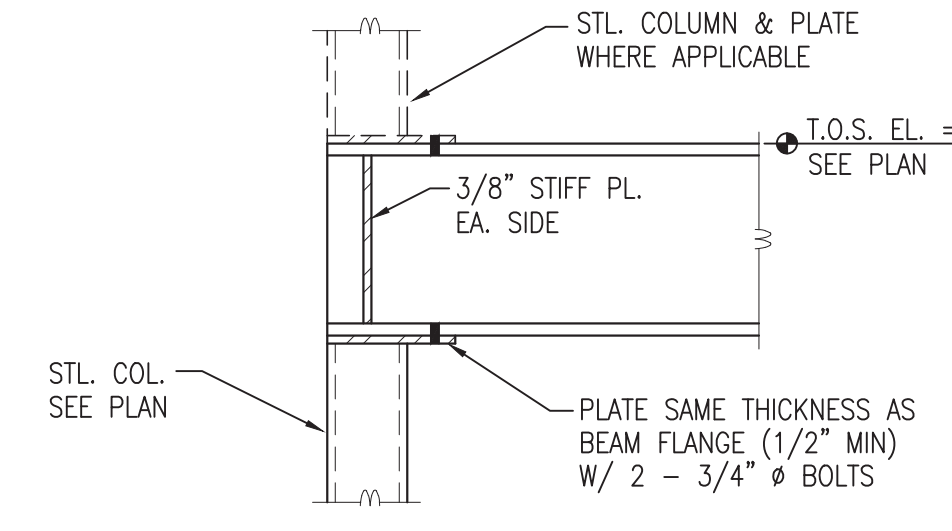
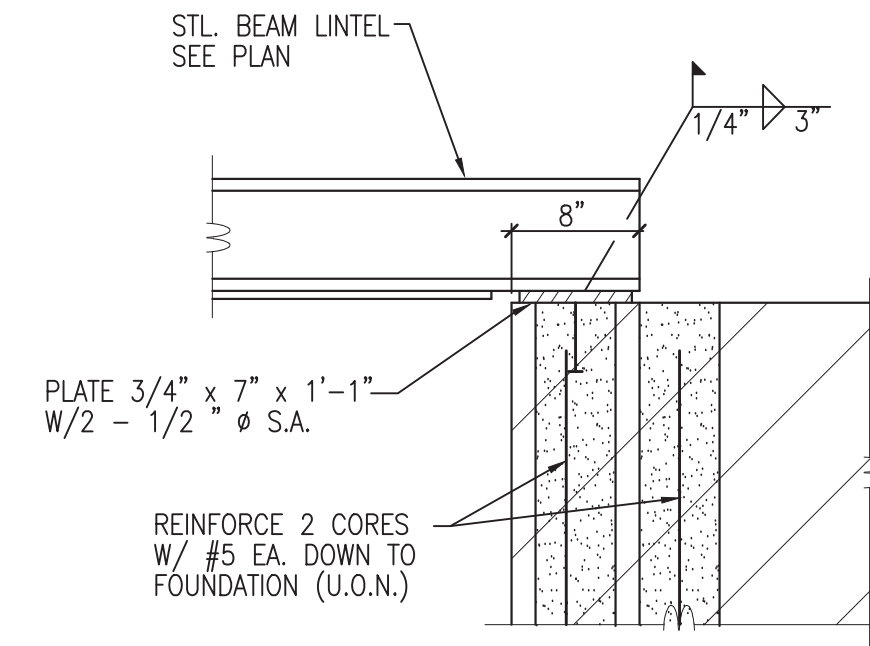
# OF ROWS	CONNECTION CAPACITY (KIPS) A992 (Fy = 50KSI)				
	BEAM WEB THICKNESS				
	3/16"	1/4"	5/16"	3/8"	7/16"
2	24	33	37	37	37
3	37	49	55	55	55
4	—	65	74	74	74
5	—	79	93	93	93
6	—	—	111	111	111
7	—	—	130	130	130
8	—	—	—	148	148

BM. SIZE	MIN. ROWS OF BOLTS
W 8, 10	2
W 12, 14, 16	3
W 18, 21	4
W 24, 27	5

NOTE:

- THIS SCHEDULE IS FOR ALL UNTELS WHICH HAVE NOT BEEN CALLED OUT OR DETAILED.
- UNTELS SHALL HAVE A BEARING OF 2" PER FOOT OF SPAN @ EACH END (6" MIN.)
- SEE ARCHITECTURAL, MECHANICAL & ELECTRICAL PLANS FOR OPENINGS NOT SHOWN.
- ALL OPENINGS WILL REQUIRE A UNTEL - SUPPLY A MINIMUM 40' OF W 8x10 W/ 1/4" PLATE FOR MECH. OPENINGS

SPAN	4" VENEER	8" WALL	12" WALL
0 - 4'	L 3 1/2" x 3 1/2" x 1/4"	WT 5x6 W/ PLATE 1/4"	W 8x10 W/ PLATE 1/4"
4' - 6'	L 4" x 3 1/2" x 1/4"	WT 5x6 W/ PLATE 1/4"	W 8x10 W/ PLATE 1/4"
6' - 8'	L 5" x 3 1/2" x 1/4"	W 8x10 W/ PLATE 1/4"	W 8x18 W/ PLATE 1/4"
8' - 10'	L 6" x 3 1/2" x 1/4"	W 8x18 W/ PLATE 1/4"	W 8x24 W/ PLATE 1/4"



1 BM - COLUMN CONNECTION
1" = 1'-0"

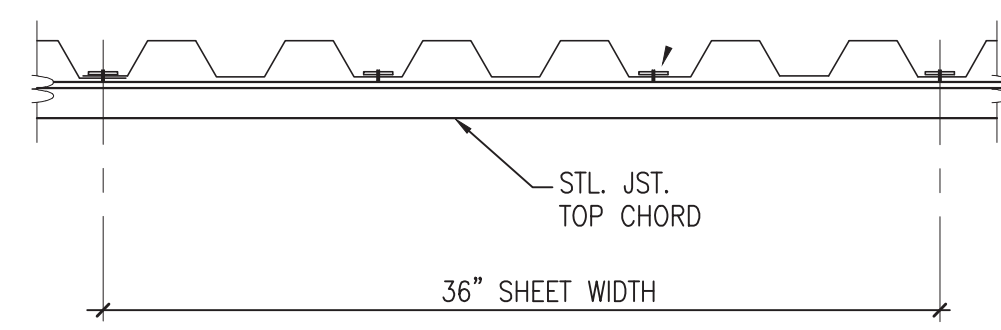
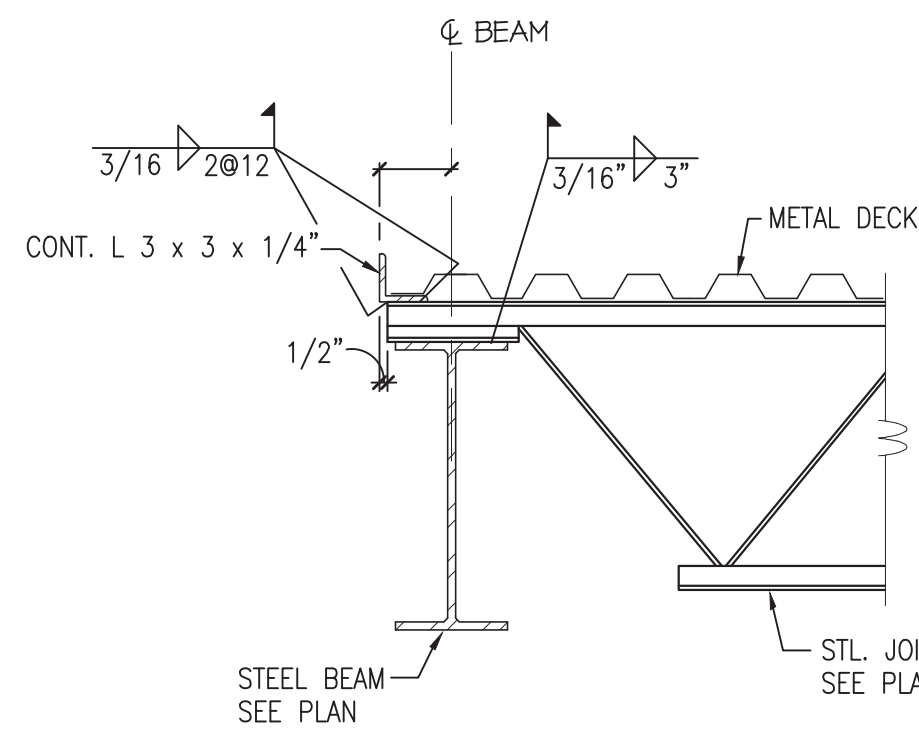
2 CONNECTION DETAIL
1" = 1'-0"

3 UNTEL SCHEDULE
NO SCALE

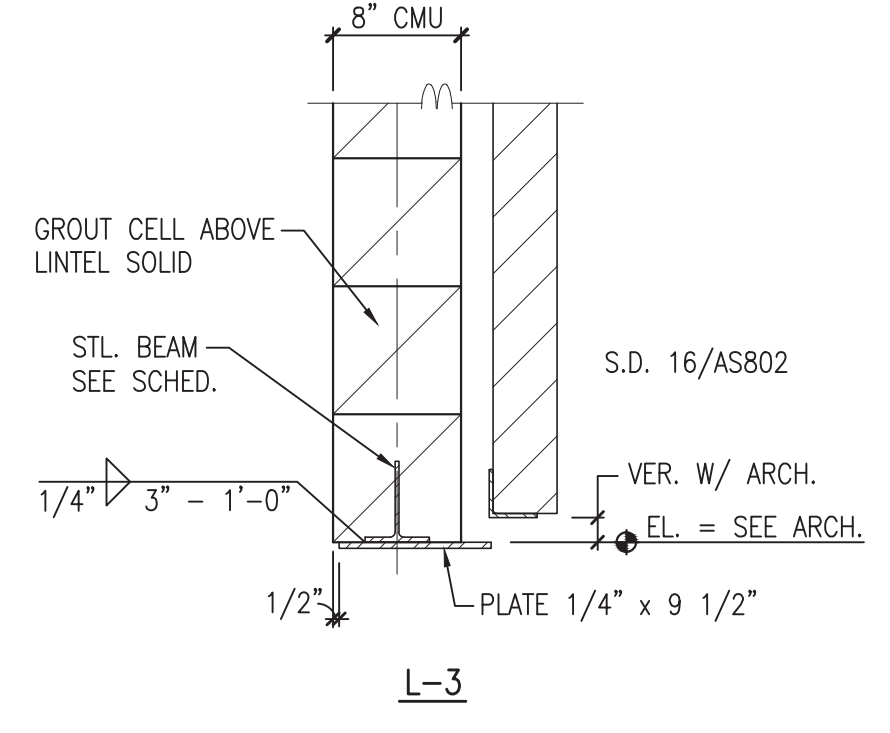
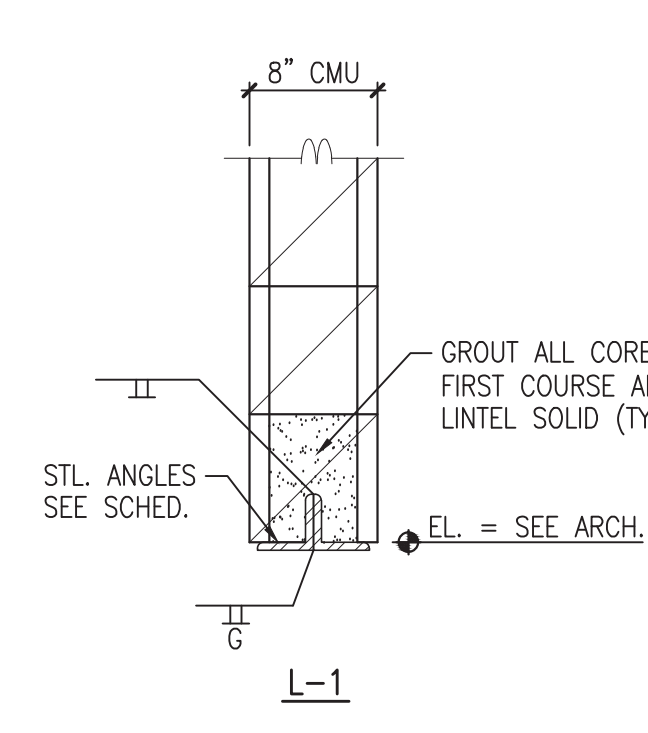
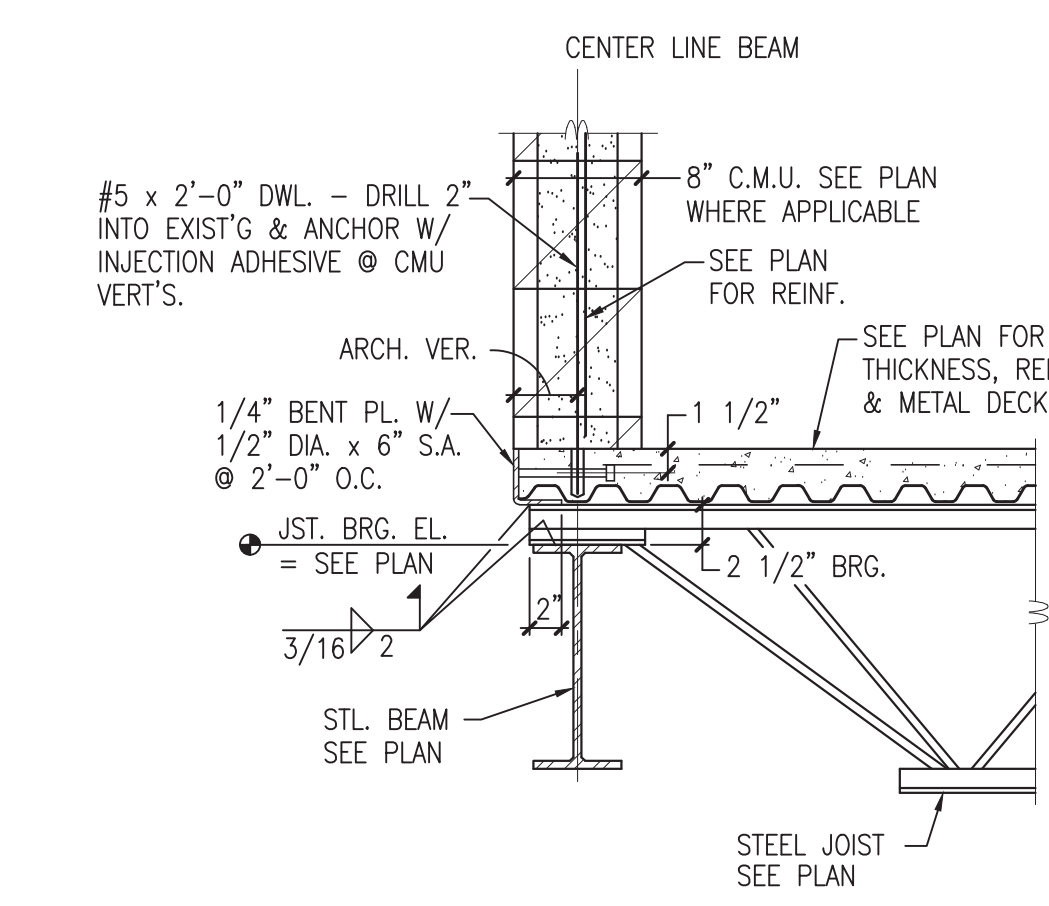
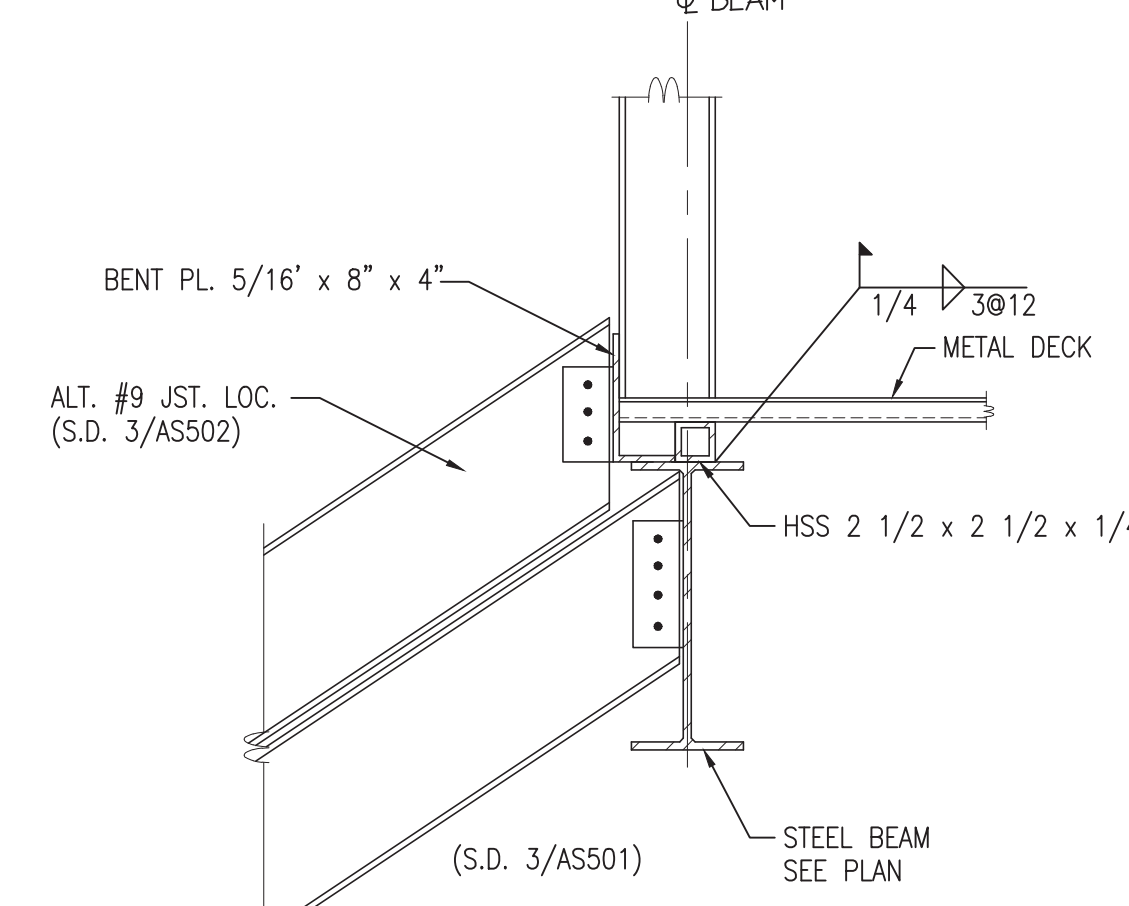
4 BEAM BRG. @ INTERIOR WALL
1" = 1'-0"

5 BEAM END DETAIL
1" = 1'-0"

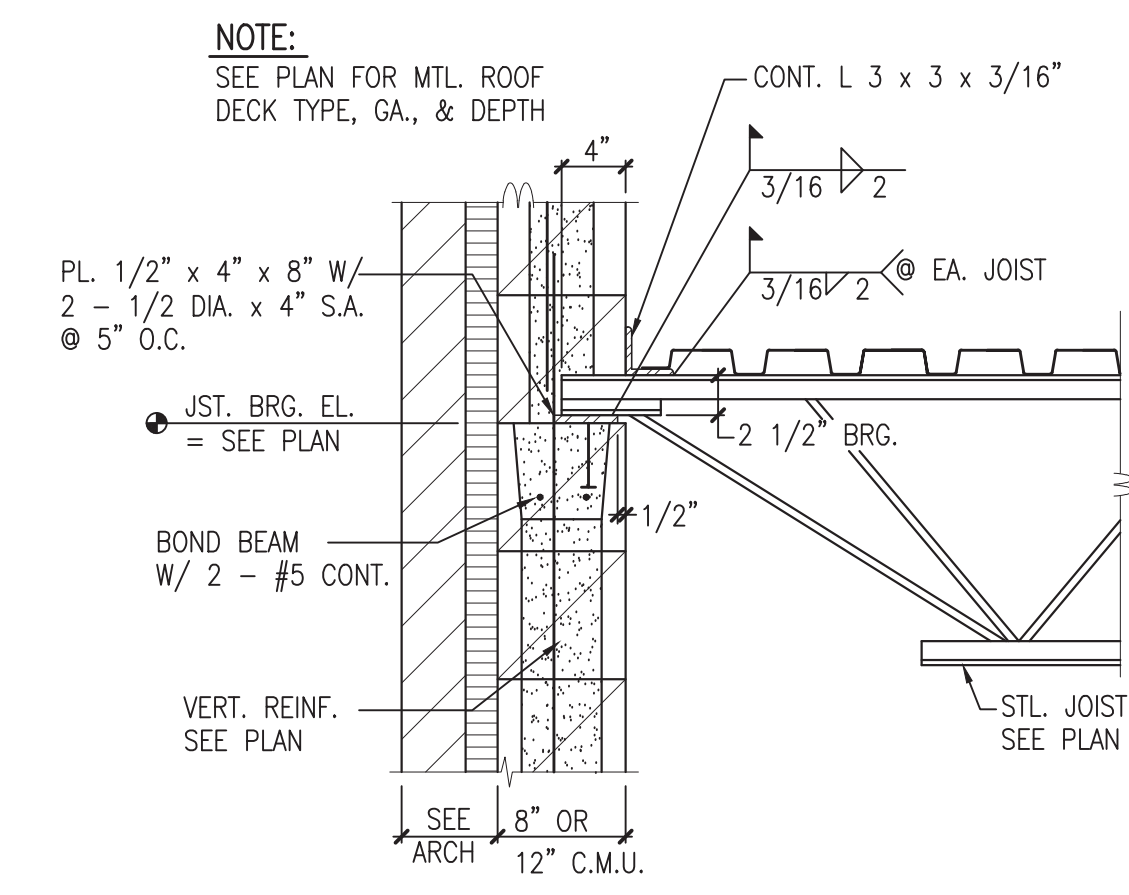
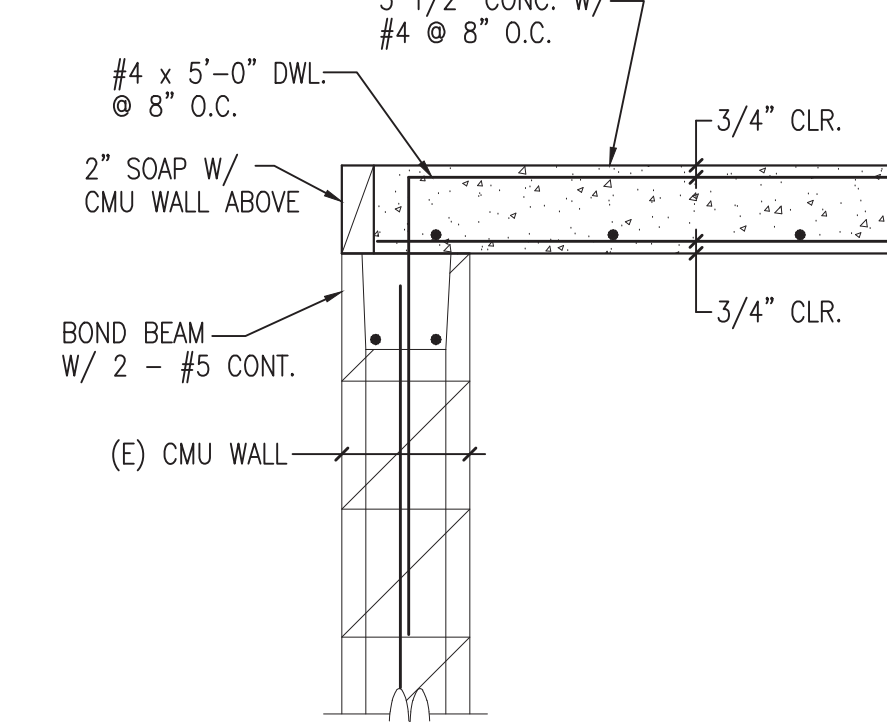
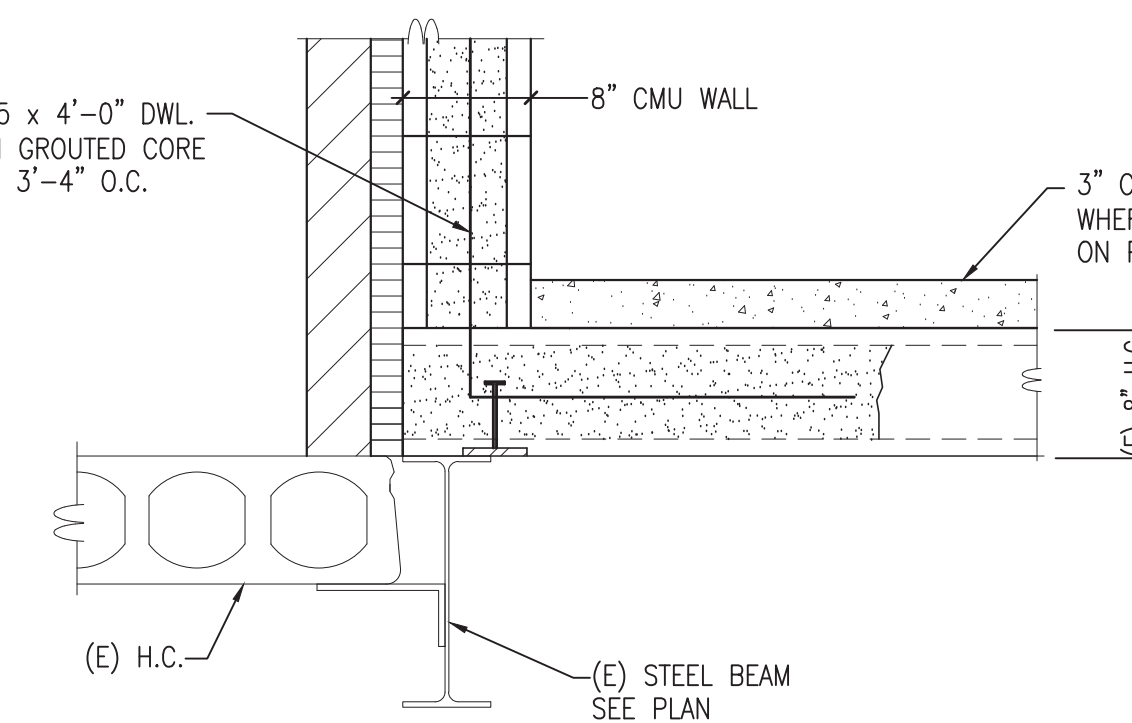
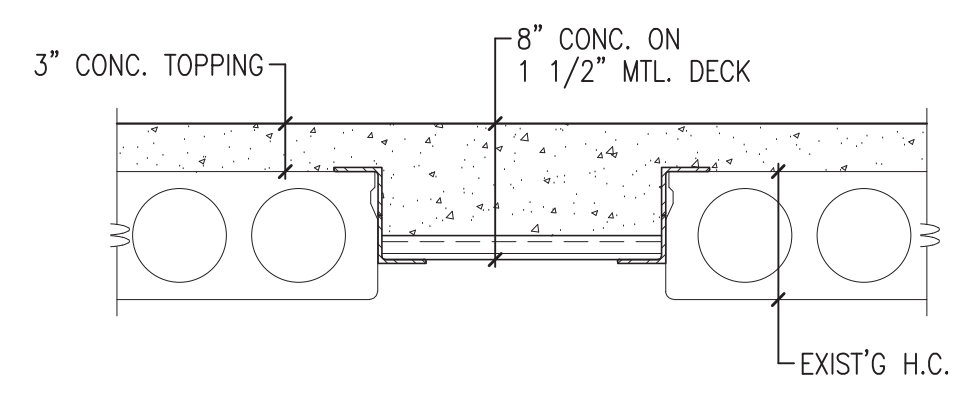
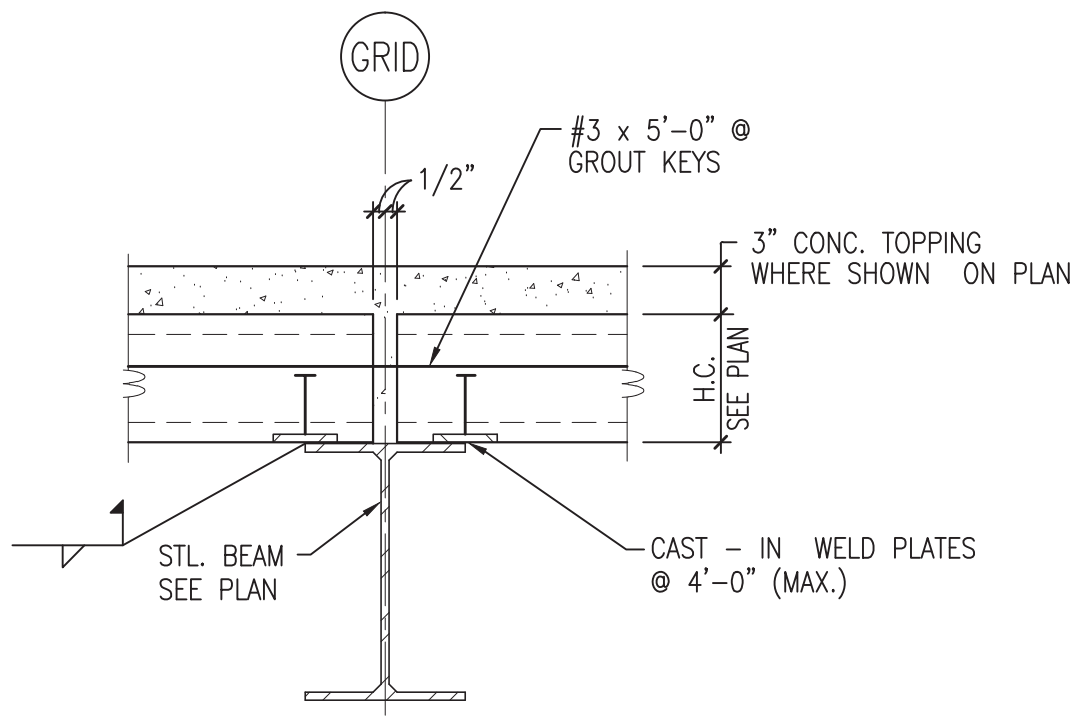
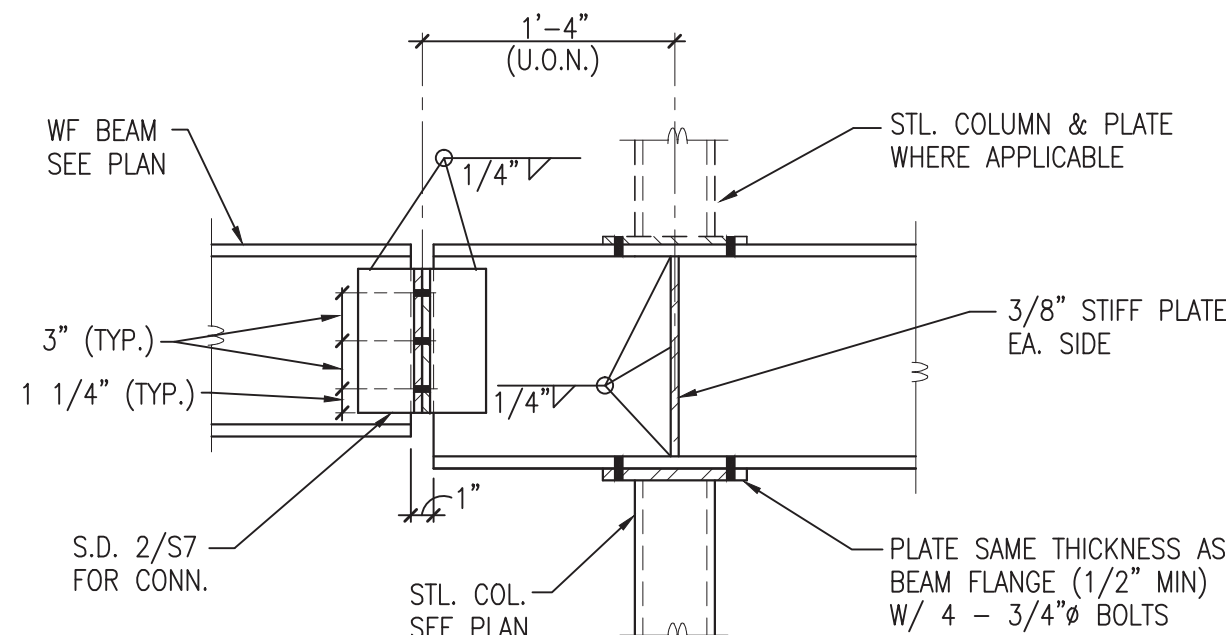
6 BEAM BRG. DETAIL
1" = 1'-0"



NOTES:
1. LAP DECK ENDS 2" MINIMUM AND WELD TO SUPPORT @ 6" O.C.



11 UNTEL BEAM DETAIL
1" = 1'-0"



12 BEAM SPLICE DETAIL
1" = 1'-0"

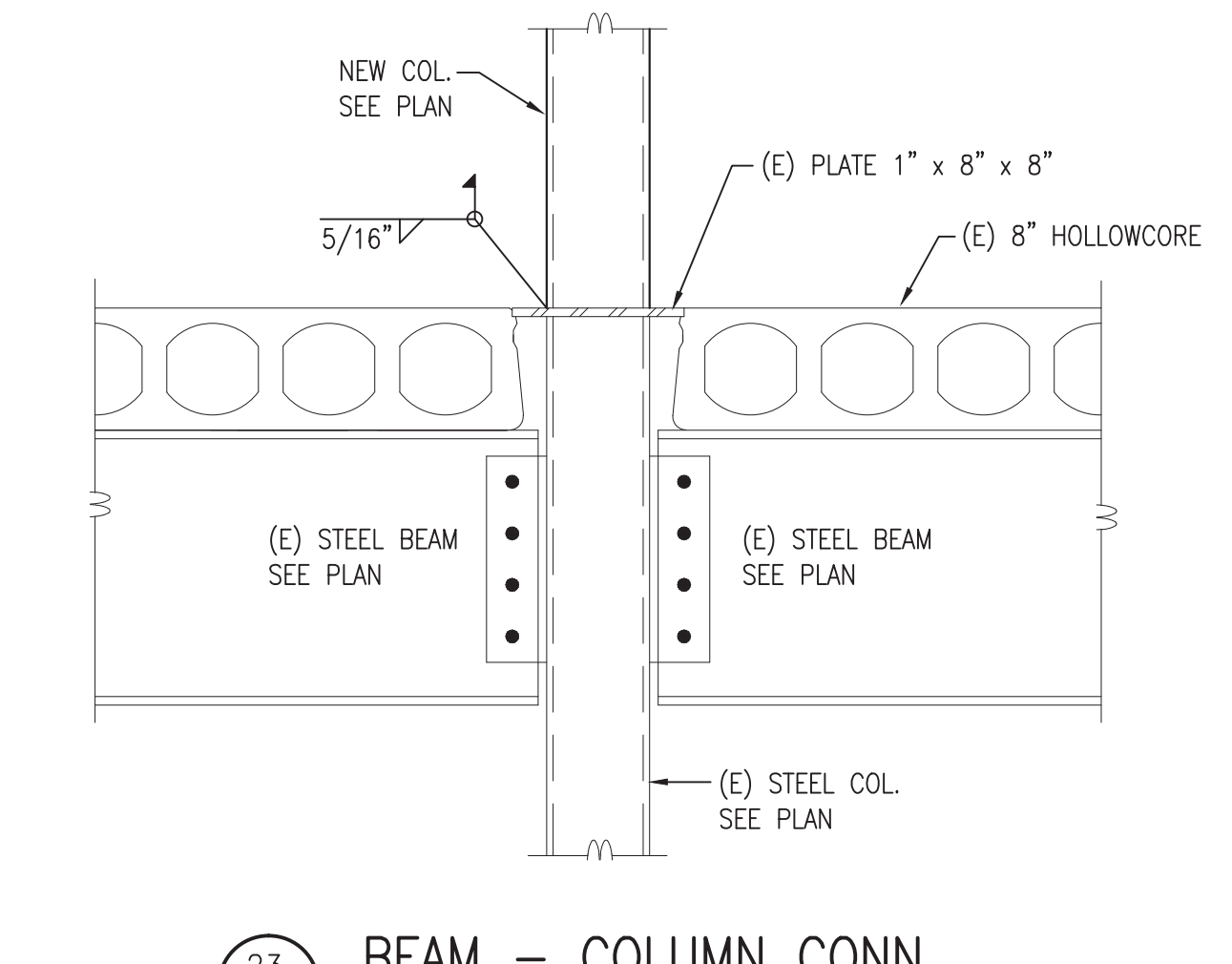
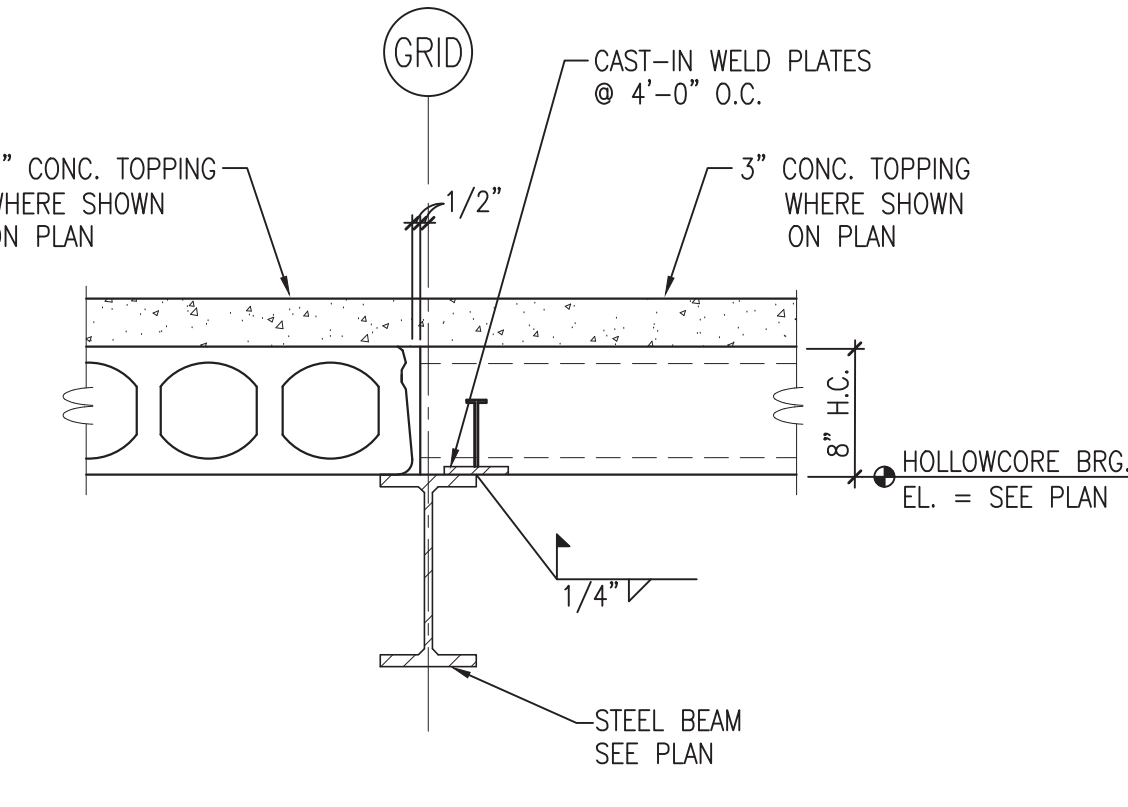
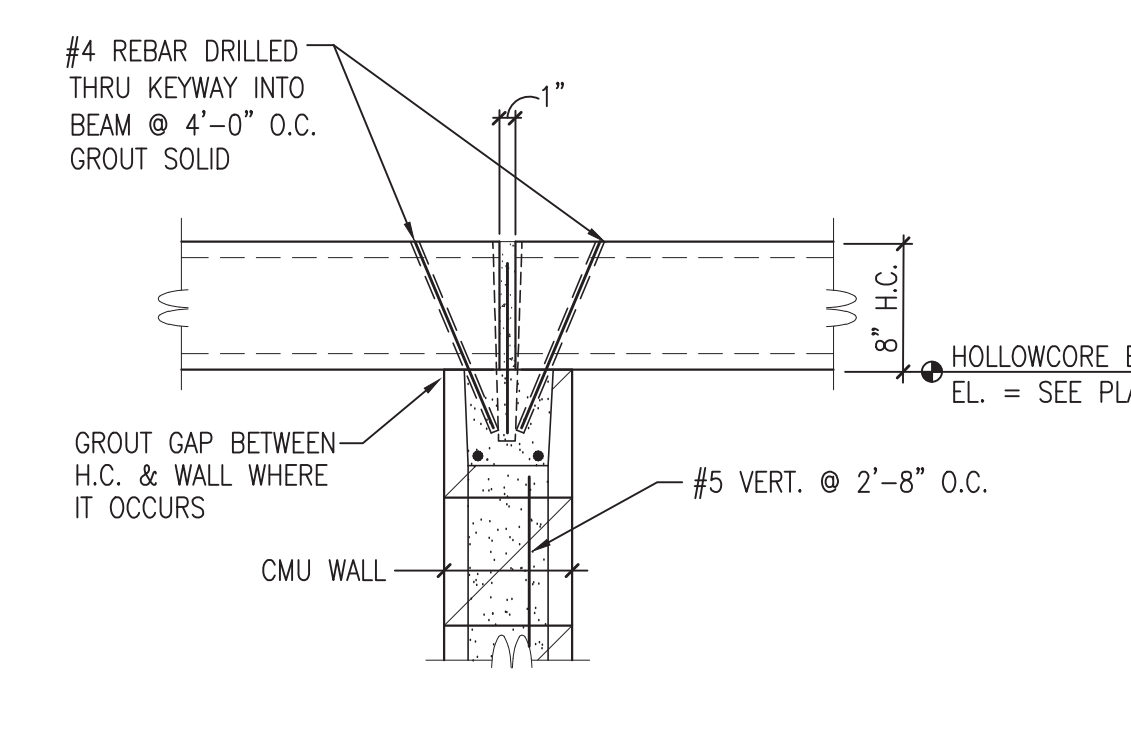
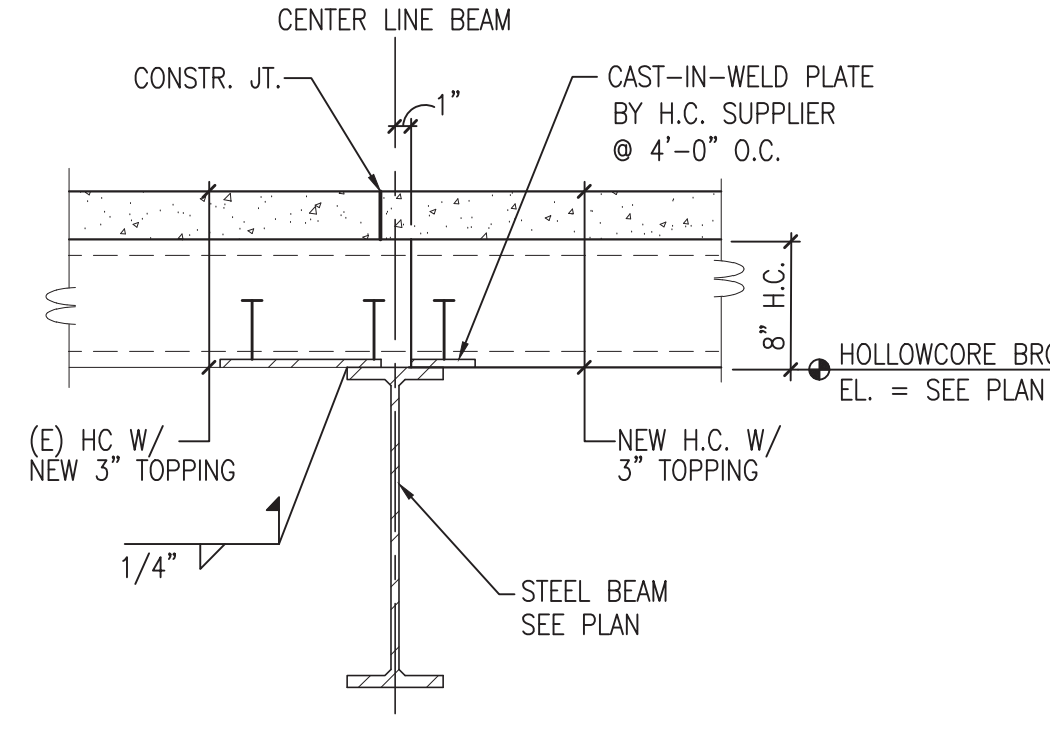
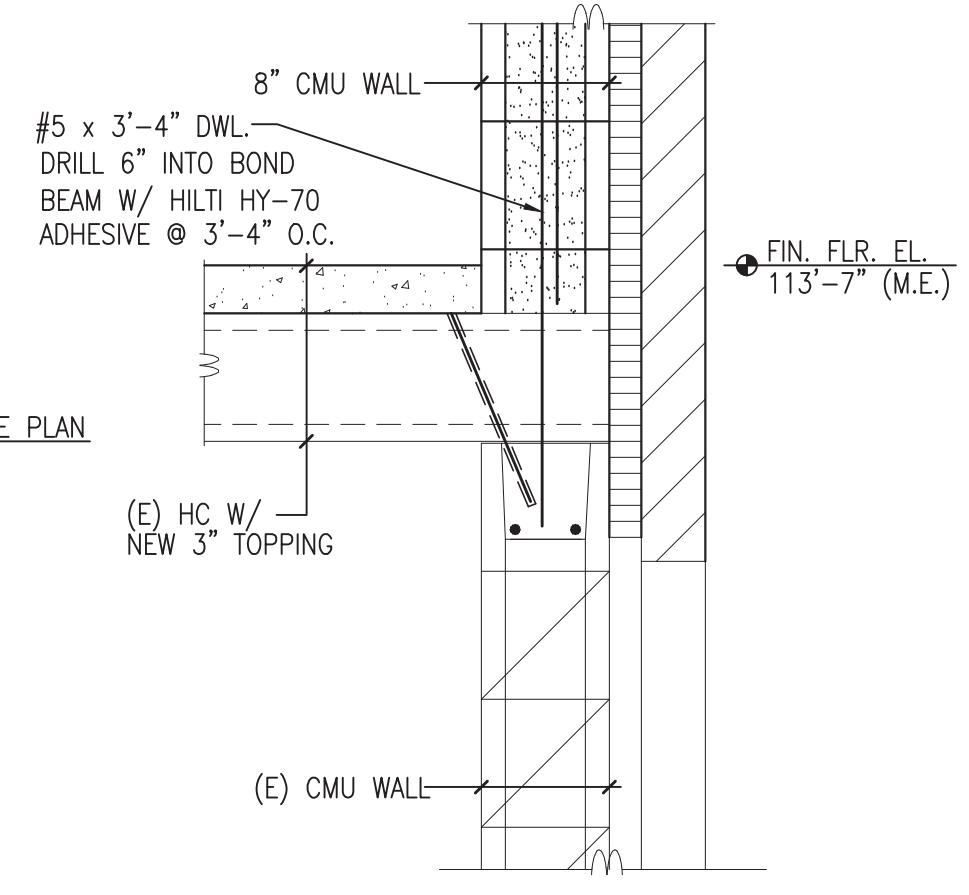
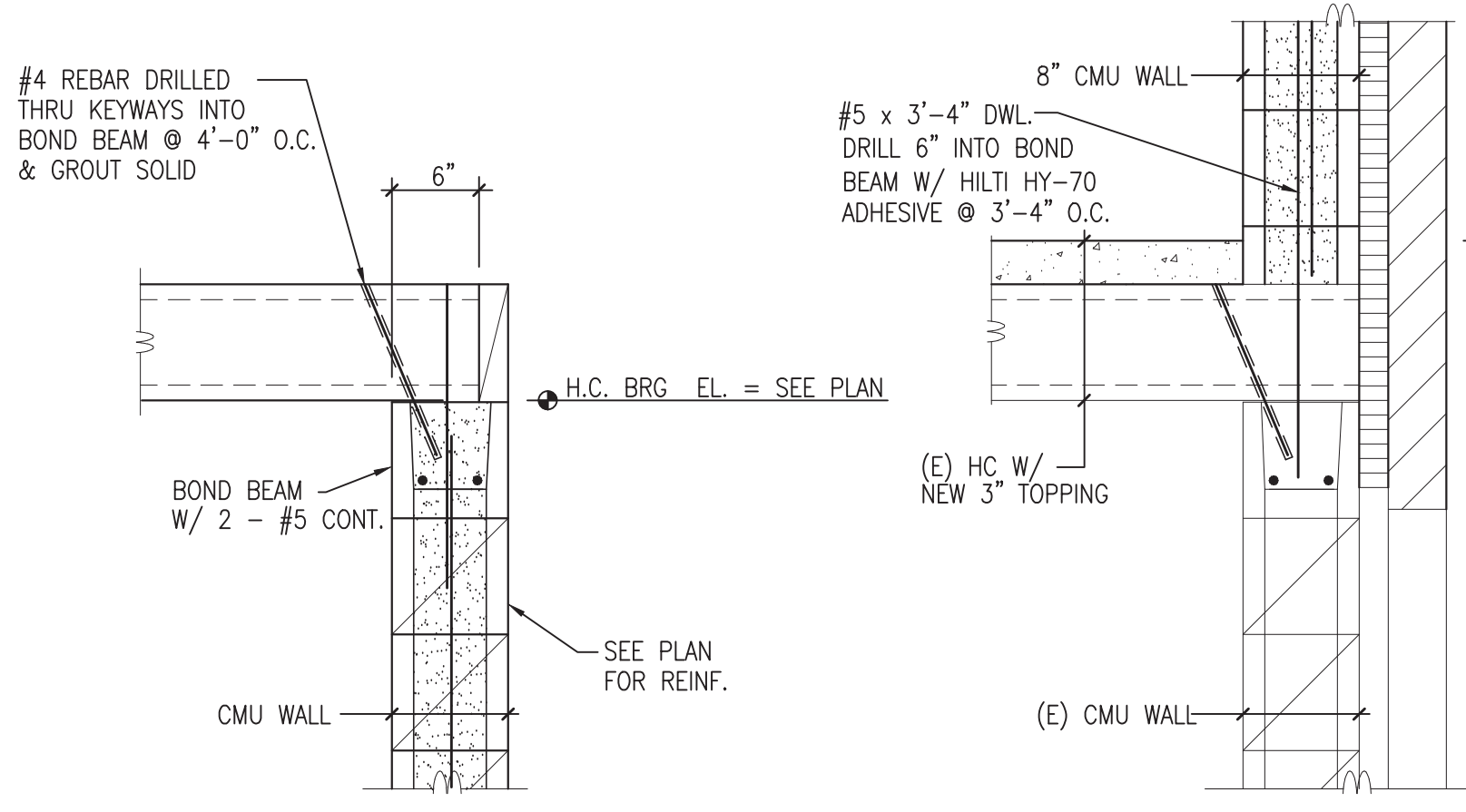
13 HC BEARING DETAIL
1" = 1'-0"

14 INFILL DETAIL
1" = 1'-0"

15 HC BEARING DETAIL
1" = 1'-0"

16 DECK BRG DETAIL
1" = 1'-0"

17 JOIST BRG. DETAIL
1" = 1'-0"



18 H.C. BEARING DETAIL
1" = 1'-0"

19 H.C. BEARING DETAIL
1" = 1'-0"

20 H.C. BEARING DETAIL
1" = 1'-0"

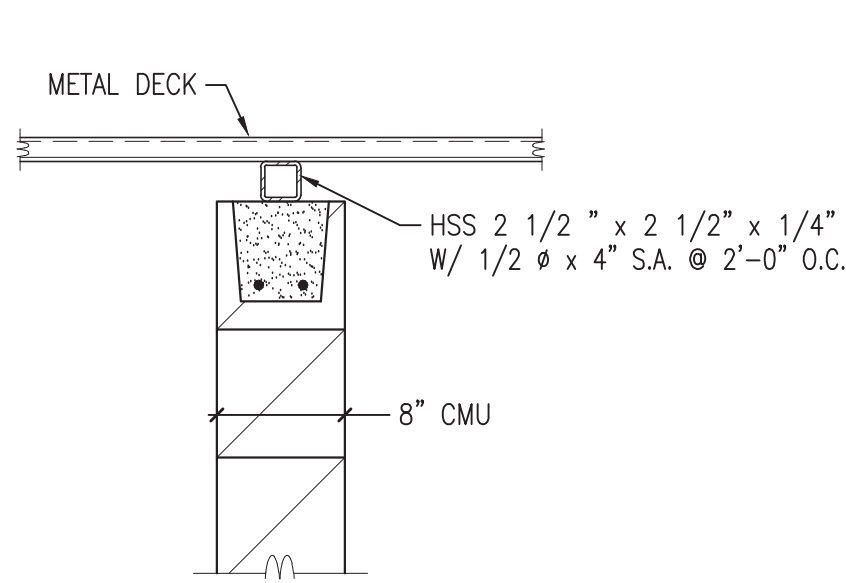
21 HOLLOW CORE CONN.
1" = 1'-0"

22 H.C. BEARING DETAIL
1" = 1'-0"

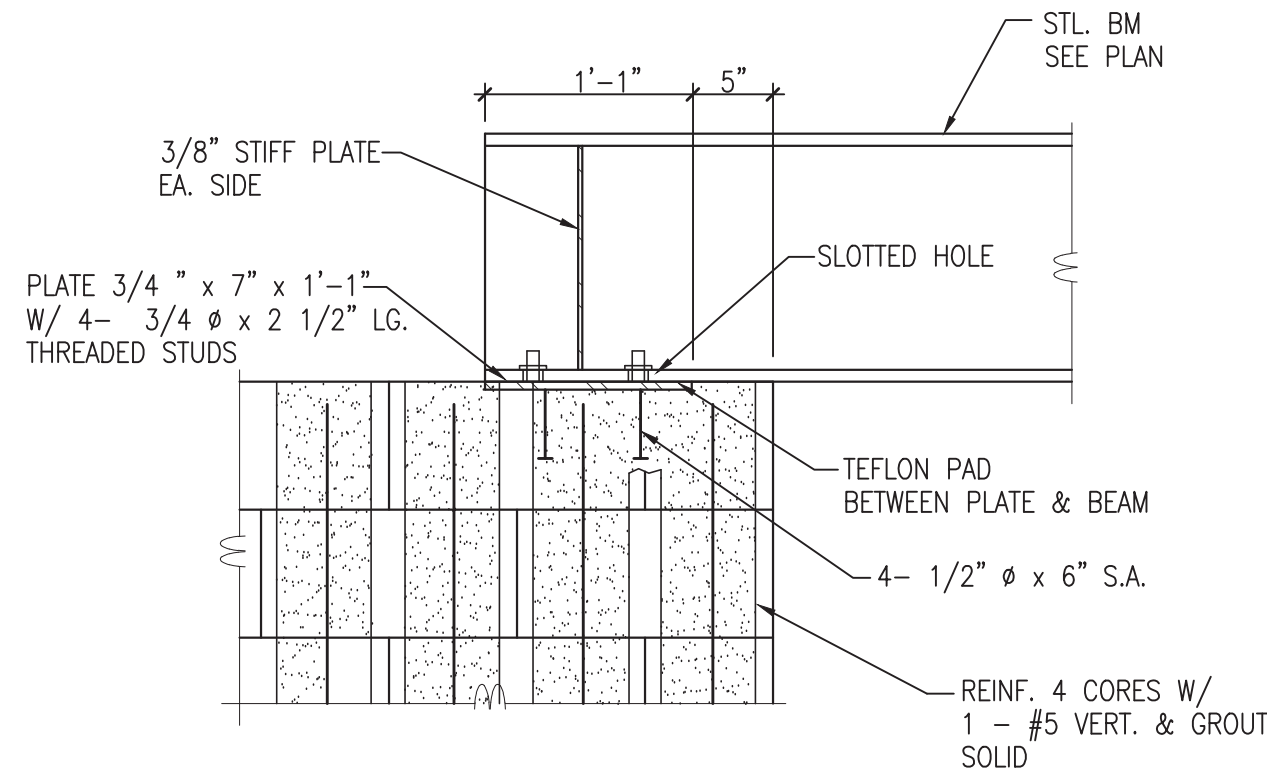
23 BEAM - COLUMN CONN.
1" = 1'-0"

CONSTRUCTION DOCUMENTS SUBMISSION

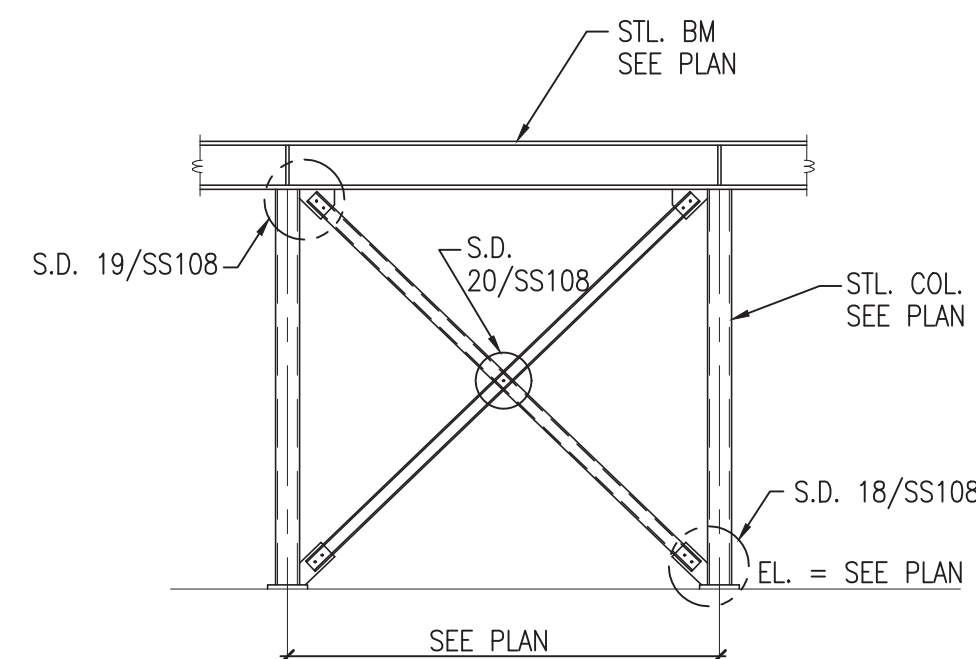
REVISION	DATE	1	2	3	4	5	6	7	8	9											
Foss Architecture		STRUCTURAL HEYER ENGINEERING 1400 WEST STREET, SUITE 200 PABLO, NORTH DAKOTA 58108		MECHANICAL, FIRE PROTECTION & ELECTRICAL OBERMILLER-NELSON ENGINEERING, INC. 1001 WEST STREET, SUITE 200 PABLO, NORTH DAKOTA 58108		CIVIL HANSEN THORP PELLINER OLSON, INC. 1001 WEST STREET, SUITE 200 PABLO, NORTH DAKOTA 58108		INDUSTRIAL HYGIENE LEGEND TECHNICAL SERVICES, INC. 1100 WEST STREET, SUITE 200 PABLO, NORTH DAKOTA 58108		I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. David Buers DATE: 12-14-11 REG. NO: 19787		APPROVED: SERVICE LINE DIRECTOR DATE: APPROVED: GENS COORDINATOR DATE: APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: DIRECTOR FWS DATE:		APPROVED: INFECTION CONTROL NURSE DATE: APPROVED: PATIENT SAFETY DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER DATE:		DRAWING TITLE FRAMING DETAILS APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: APPROVED: CHIEF OF SWF DATE: APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:		PROJECT TITLE EXPAND / CONSTRUCT OUTPATIENT MENTAL HEALTH CLINIC BUILDING No. 111 CREATED BY DB DRAWN CH DRAWING NO. 111-SS107 LOCATION VIA MEDICAL CENTER ST. CLOUD, MN 56201 DWG. 58 OF 120		12/16/14 PLOT SCALE 1:1 PROJECT NO. 656-341 Foss Print No. 1327-00 St. Cloud VA Health Care System Brainerd Montevideo Alexandria	



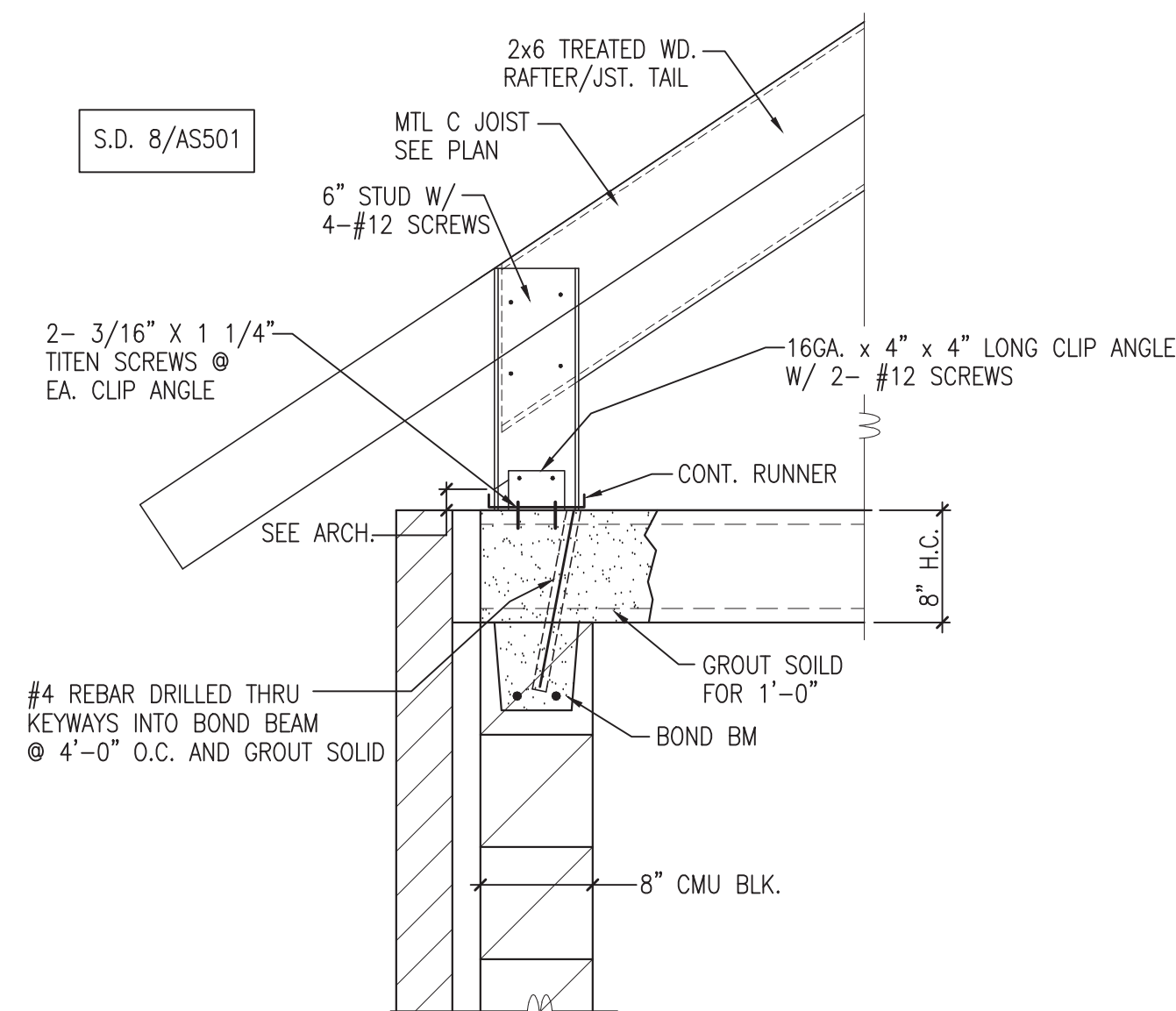
1 DECK BRG. DETAIL
1" = 1'-0"



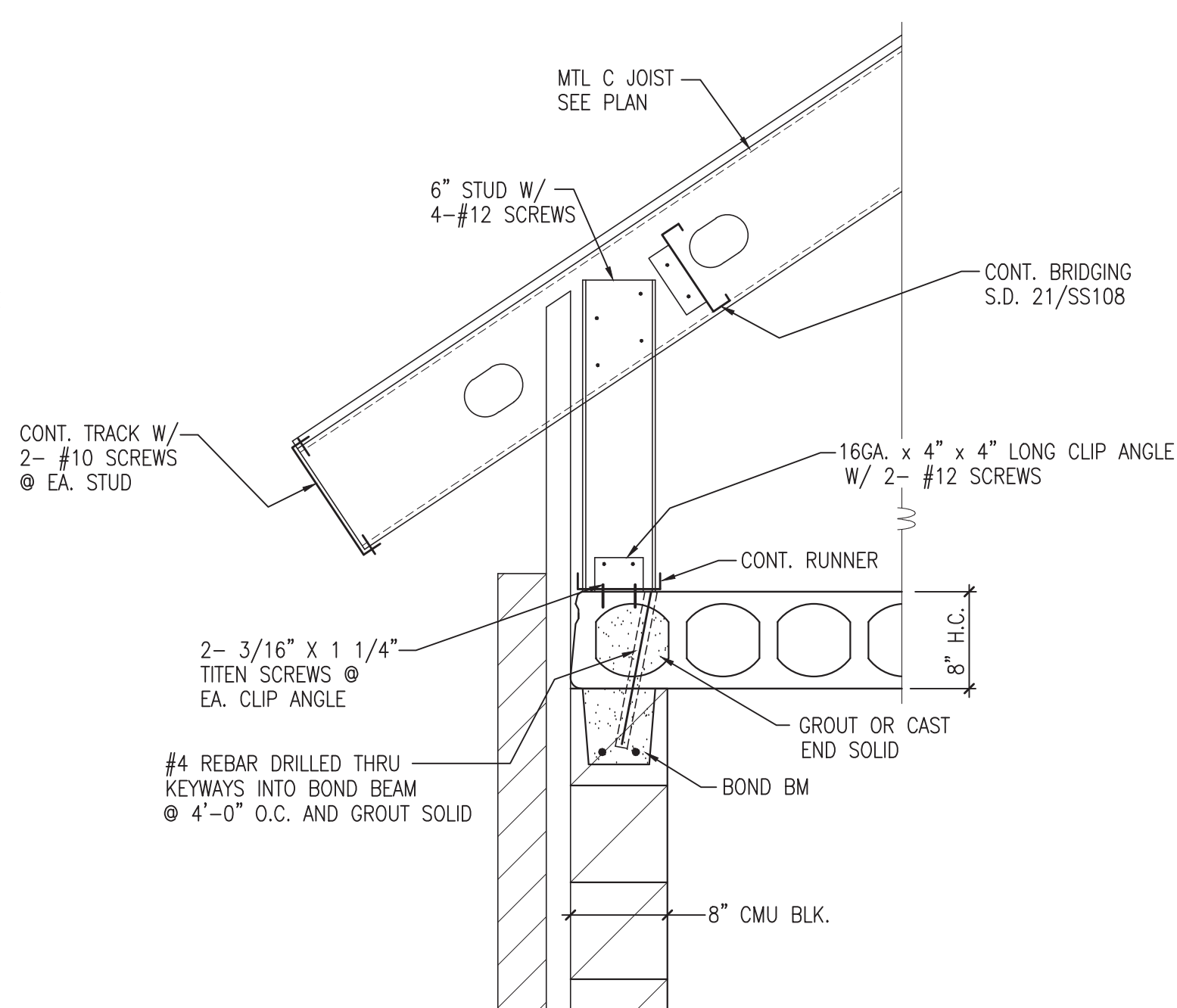
2 BEAM BRG. DETAIL
1" = 1'-0"



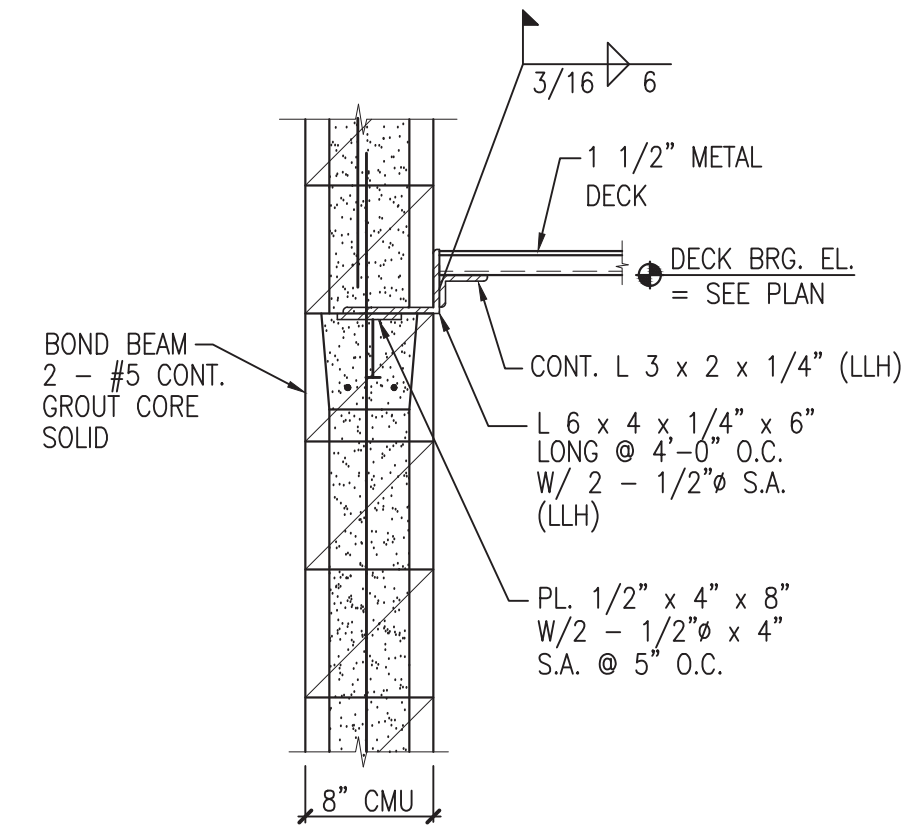
3 X-BRACE DETAIL
NO SCALE



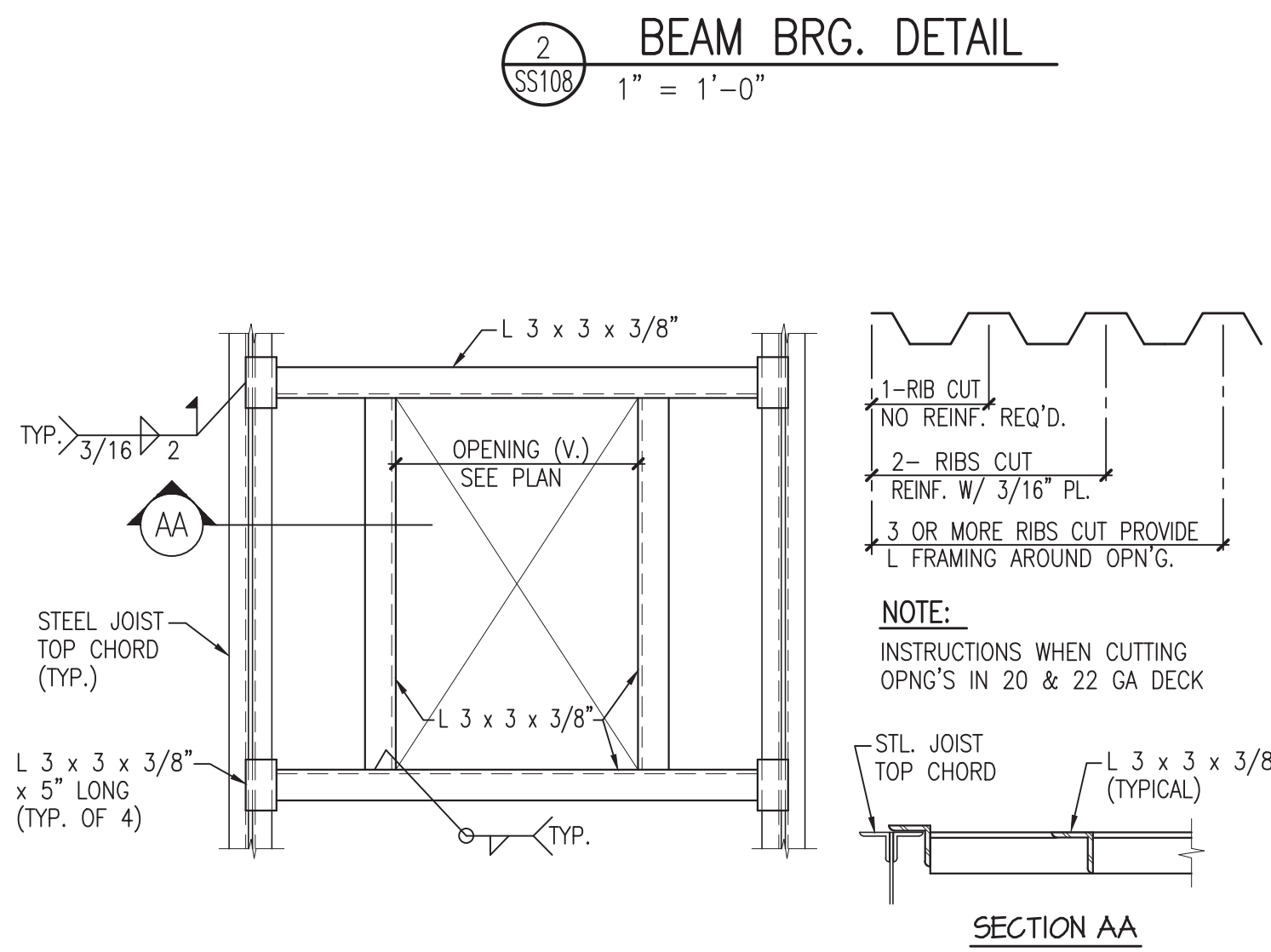
4 BRG. DETAIL (BASE BID)
1" = 1'-0"



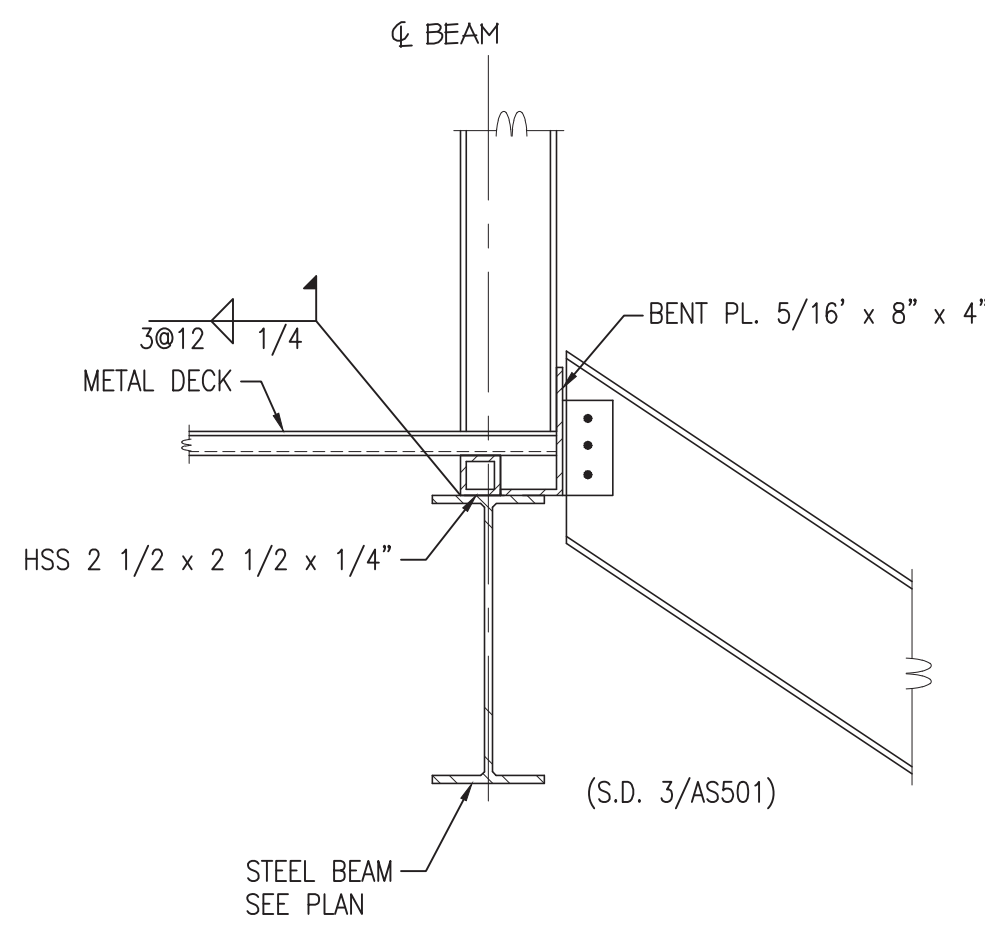
5 BRG. DETAIL (ALT. #9)
1" = 1'-0"



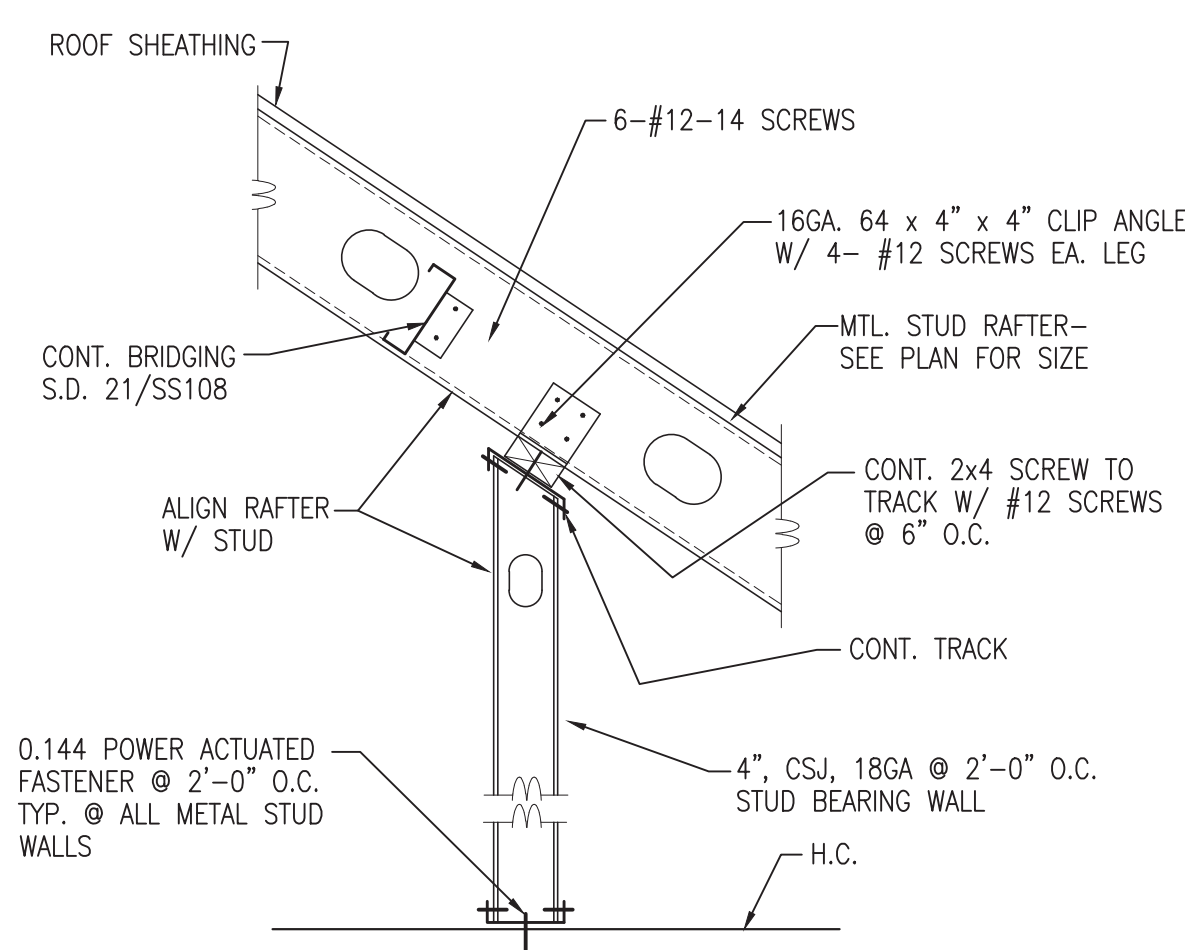
6 DECK BRG. DETAIL
1" = 1'-0"



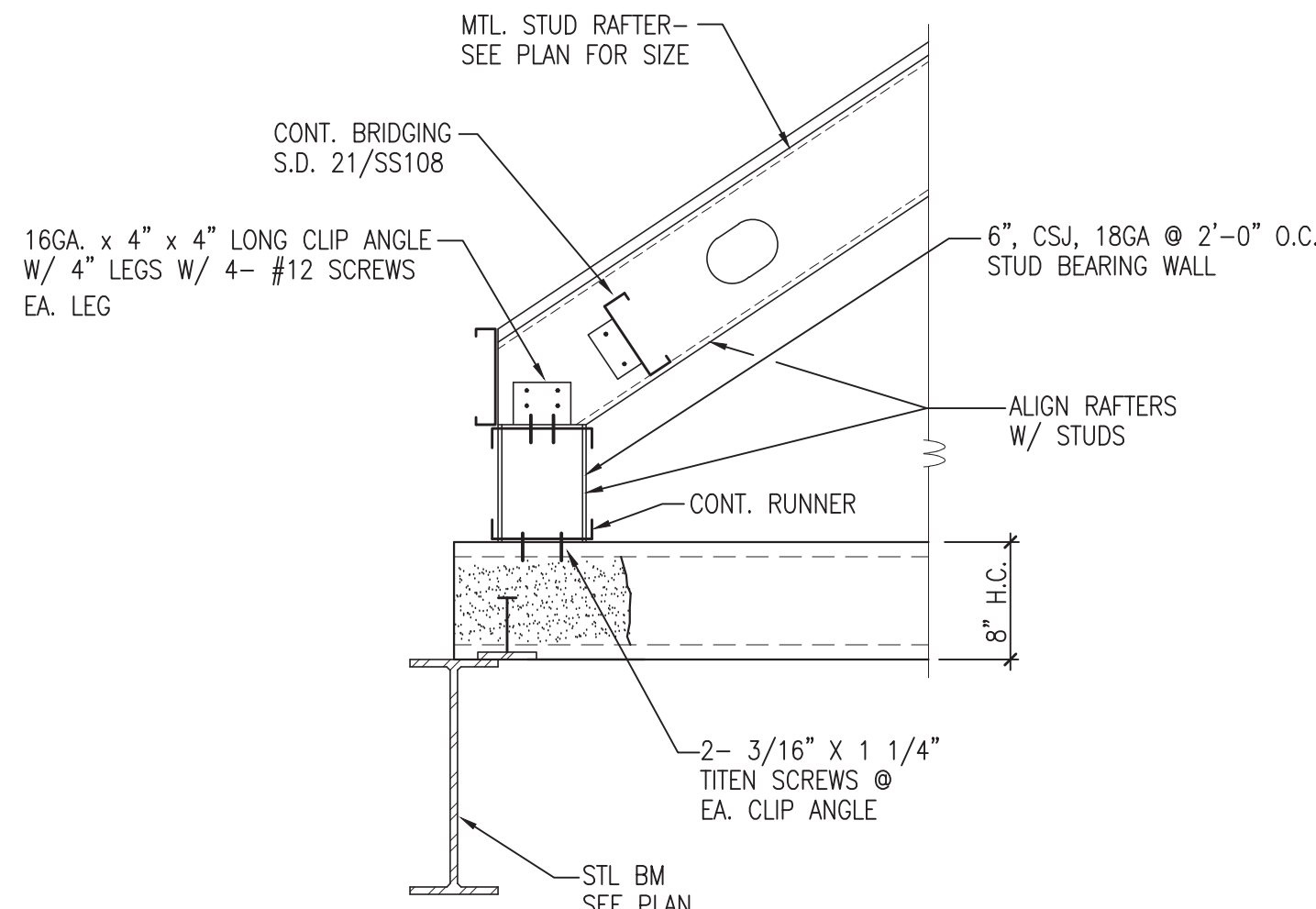
7 ANGLE FRAMING @ ROOF OPENING
NO SCALE



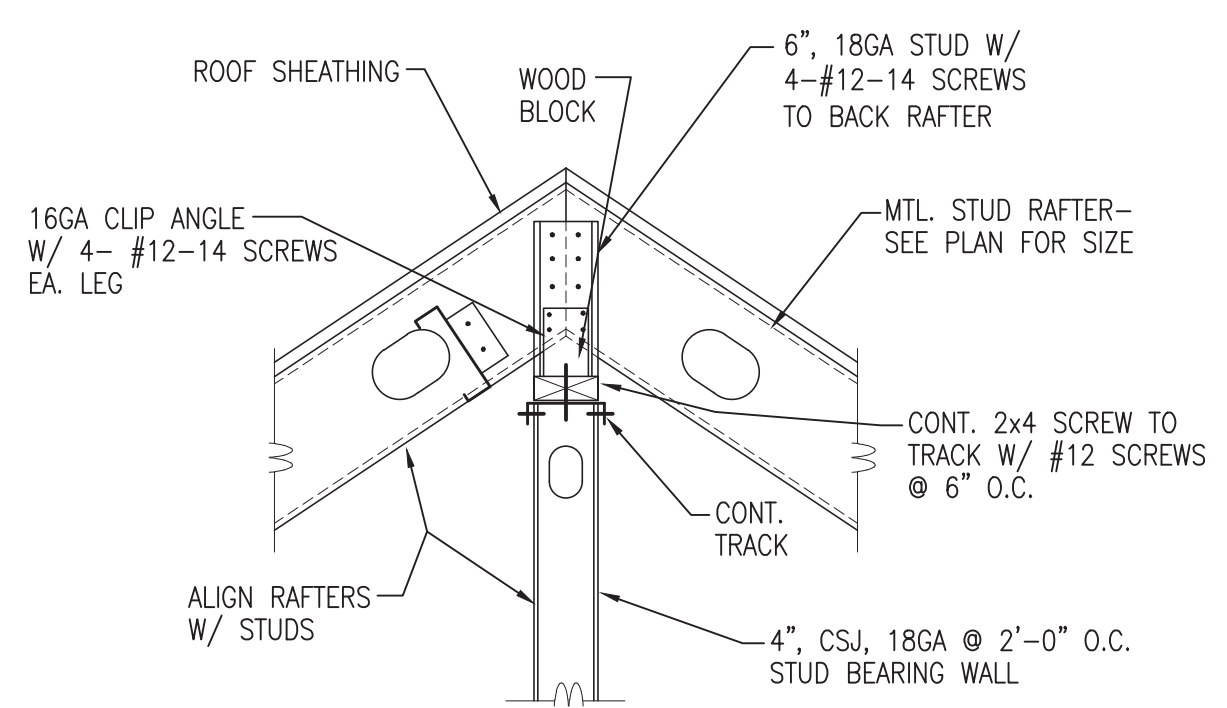
8 RAFTER BRG. DETAIL (BASE BID)
1" = 1'-0"



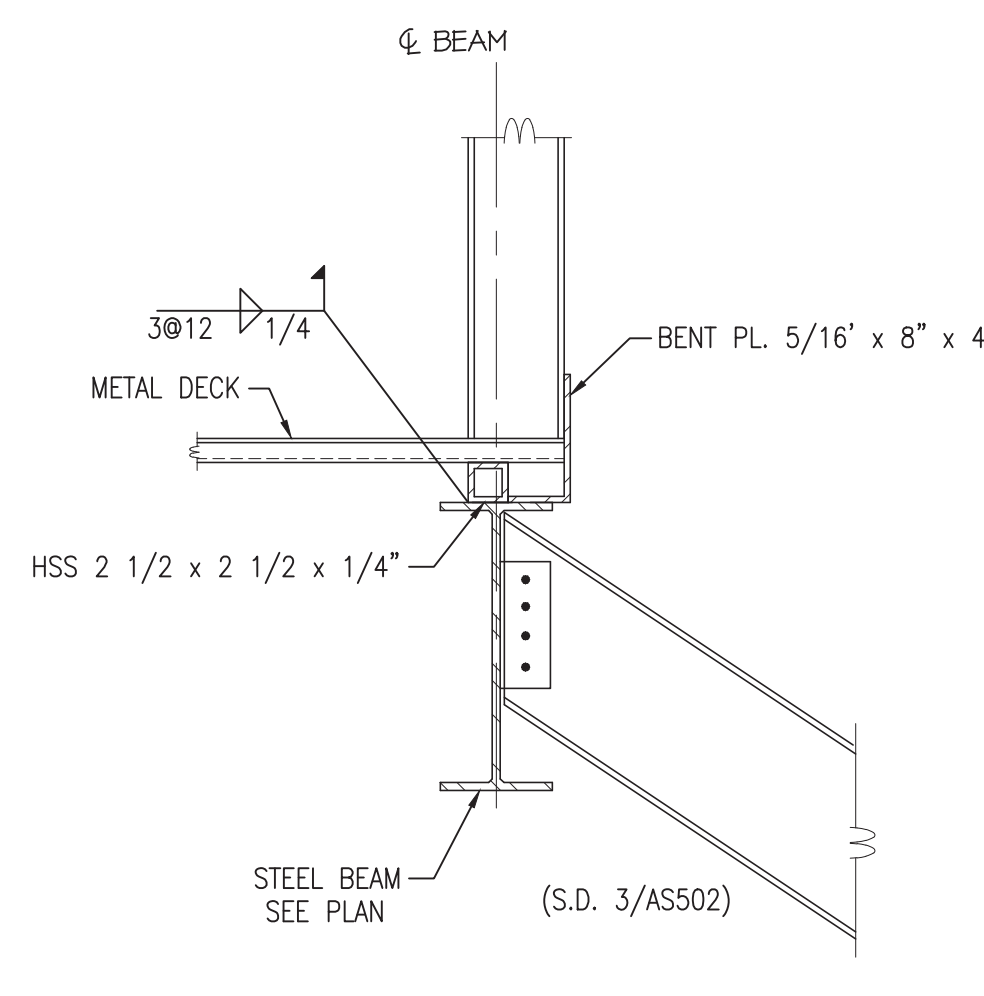
9 RAFTER BEARING DETAIL
1" = 1'-0"



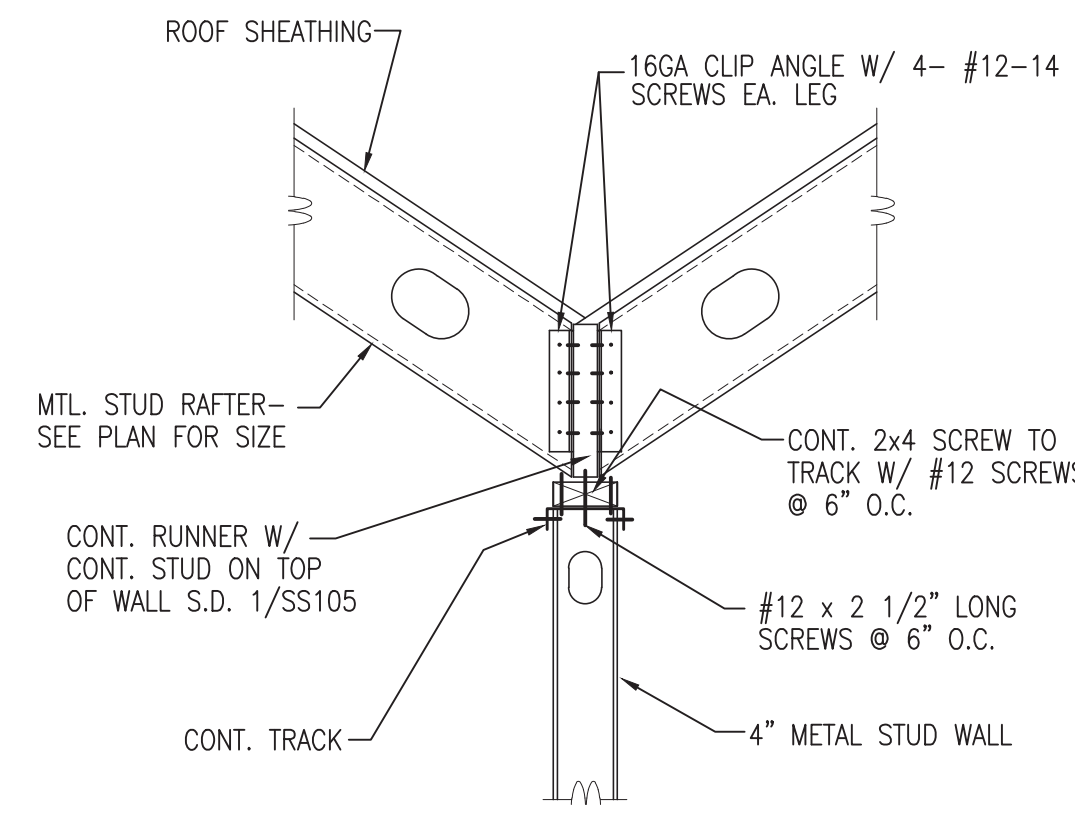
11 BRG. DETAIL
1" = 1'-0"



12 RAFTER BRG. @ RIDGE
1" = 1'-0"

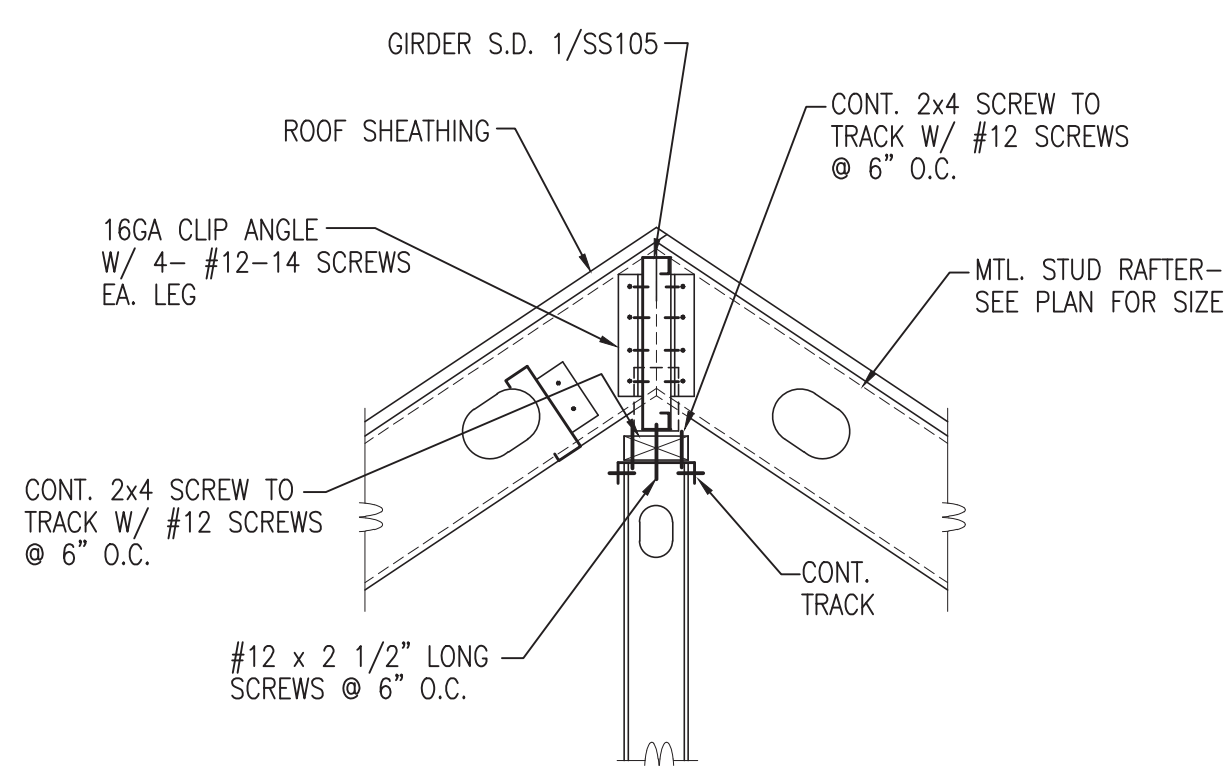


13 RAFTER BRG. DETAIL (ALT. #9)
1" = 1'-0"

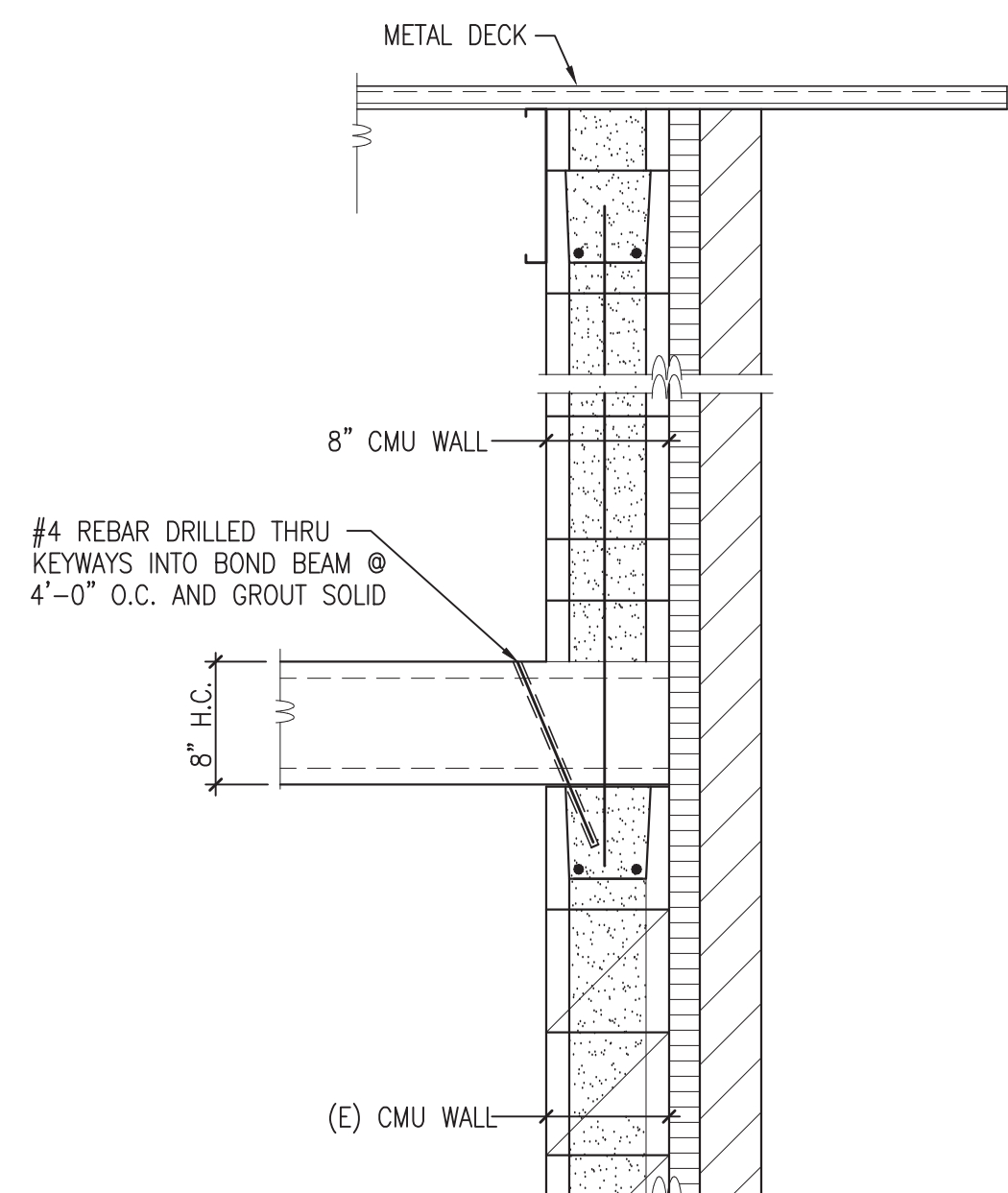


14 RAFTER CONN. @ VALLEY
1" = 1'-0"

10 RAFTER BEARING @ OVERHANG DETAIL (ALT. #9)
1" = 1'-0"

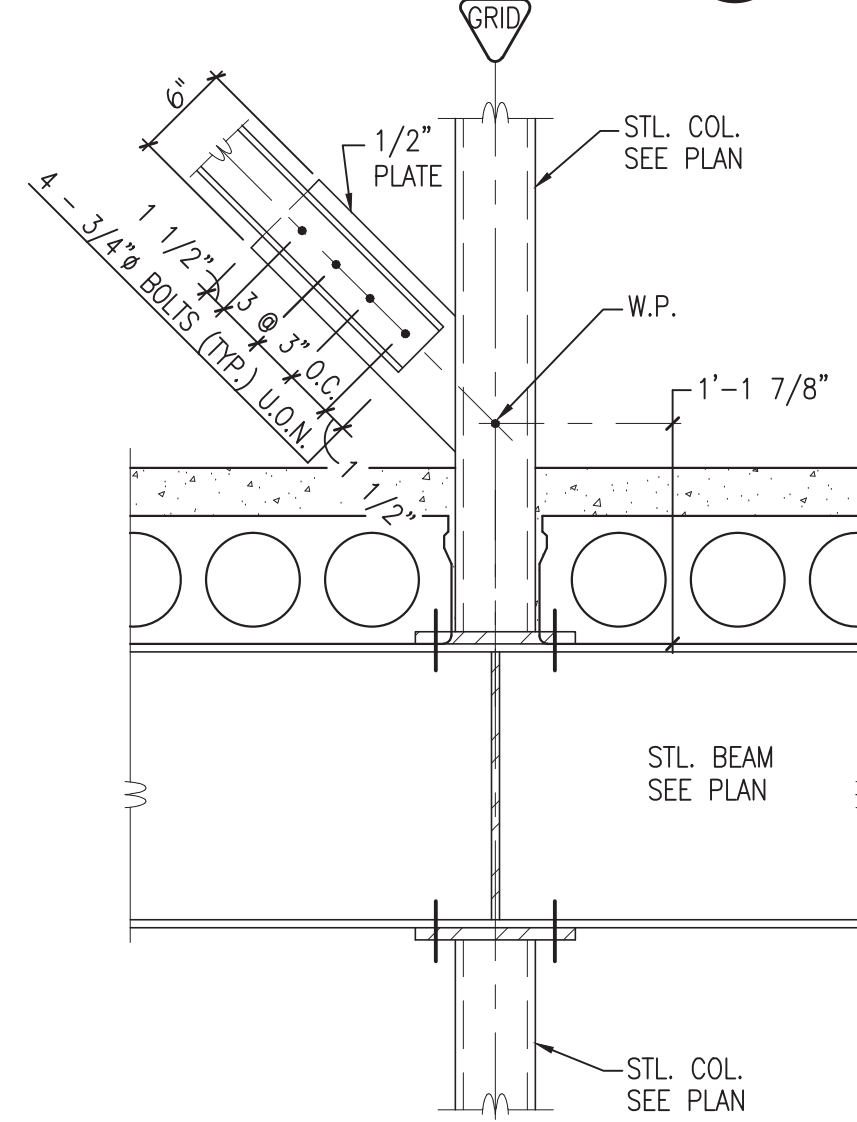


15 RAFTER CONN. @ HIP
1" = 1'-0"

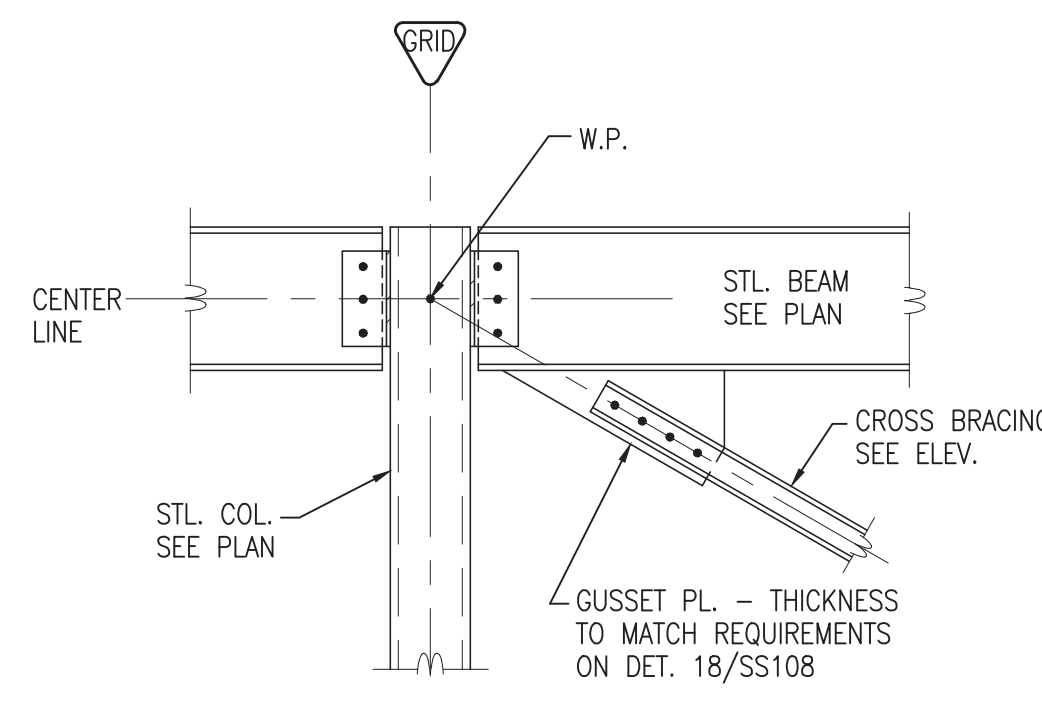


16 RAFTER BRG @ OVERHANG DETAIL (BASE BID)
1" = 1'-0"

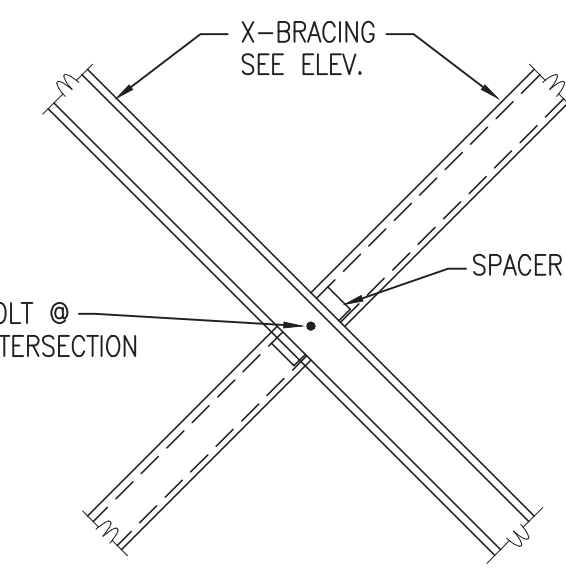
12 RAFTER BRG. @ RIDGE
1" = 1'-0"



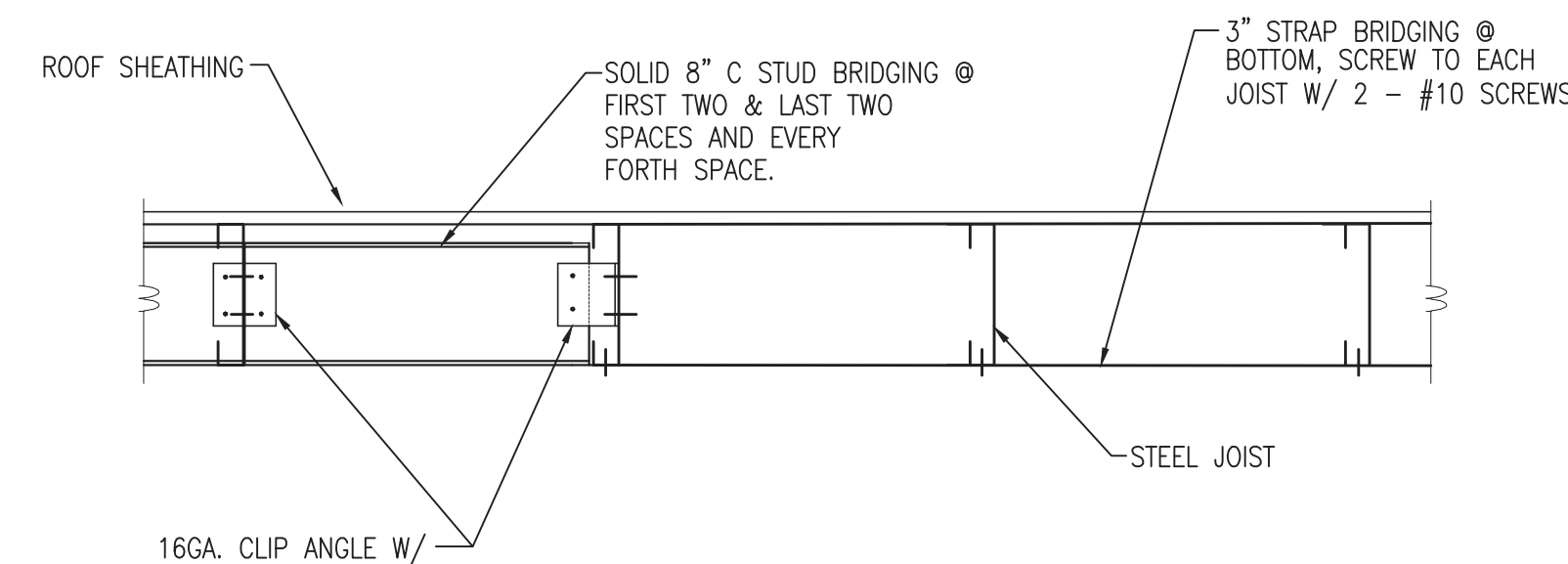
18 BRACE DETAIL
1" = 1'-0"



19 BRACING DETAIL
NO SCALE



20 BACK TO BACK CHANNEL DETAIL
NO SCALE



21 JOIST BRIDGING
1 1/2" = 1'-0"

CONSTRUCTION DOCUMENTS SUBMISSION

REVISION		PROJECT TITLE EXPAND / CONSTRUCT OUTPATIENT MENTAL HEALTH CLINIC		DATE 12/16/14	
NO		PROJECT NO. 656-341		FOSS PROJ. NO. 1327-00	
1		DRAWING NO. 11-SS108		DWG. 59 OF 120	
2		BUILDING NO. 111		CREATED BY CH	
3		LOCATION VIA MEDICAL CENTER ST. CLOUD, MN 56301		DATE 11-16-14	
4		APPROVED: SERVICE LINE DIRECTOR		APPROVED: INFECTION CONTROL NURSE	
5		APPROVED: GENIC COORDINATOR		APPROVED: PATIENT SAFETY	
6		APPROVED: PROJECTS SECTION MANAGER		APPROVED: CHIEF OF POLICE	
7		APPROVED: DIRECTOR FMS		APPROVED: SAFETY MANAGER	
8		APPROVED: HEALTH CARE SYSTEM DIRECTOR		APPROVED: CHIEF OF SWIFT	
9		APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR		APPROVED: CHIEF OF POLICE	
10		APPROVED: CHIEF OF SWIFT		APPROVED: SAFETY MANAGER	

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2100 PINEBURY AVE
SUITE 200
PABLO, MN 56270

MECHANICAL, FIRE PROTECTION & ELECTRICAL
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PABLO, NORTH DAKOTA 58201
BUILDING COMMISSIONING
COMMISSIONING SOLUTIONS
2201 LUTHER STREET, NORTH, STE. 8
PABLO, NORTH DAKOTA 58201

CIVIL
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PABLO, MN 56270
INDUSTRIAL HYGIENIST
LEGEND TECHNICAL SERVICES, INC.
1100 WINTHROP DRIVE
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St. Cloud VA Health Care System
Brainerd | Montevideo | Alexandria