

[illegible]



ARCHITECT/ENGINEER SEAL



Component and cladding ultimate wind pressures

Parapet	Solid Parapet Pressure (psf)					
Area	10 sf	20 sf	50 sf	100 sf	200 sf	500 sf
Zone 2 :	151.4	141.6	128.6	118.8	109.0	96.0
Zone 3 :	194.0	176.6	153.7	136.3	119.0	96.0
terior zone :	-89.4	-84.9	-78.9	-74.4	-69.9	-63.9
corner zone :	-102.2	-95.4	-86.4	-79.6	-72.8	-63.9

WIND PRESSURES & VELOCITIES GIVEN ABOVE ARE
ULTIMATE (V_{ult}). NOMINAL (V_{nom}) PRESSURES CAN BE
OBTAINED BY MULTIPLYING ULTIMATE VALUES BY 0.6.



COMPONENTS & CLADDING ZONES

PROJECT NO 20220266	DRAWN BY KK
PERMIT SUB DATE TBD	CHECKED BY EDM

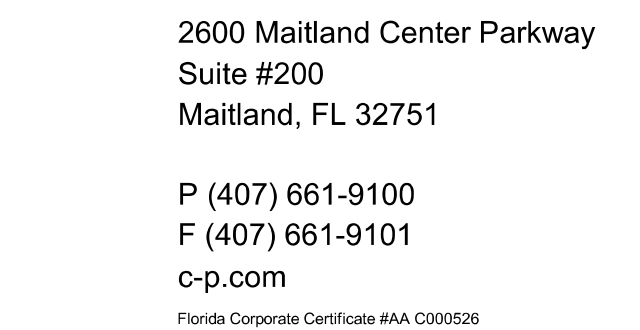
CLIENT

REGENCY CENTERS

2700 N. MILITARY TRAIL, SUITE 380
BOCA RATON, FL 33431

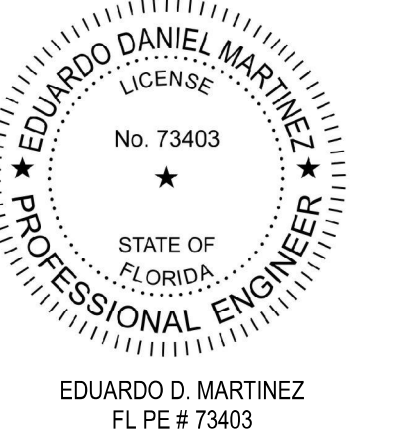
SHEET NO S002 REV 

SECTION 013300 - SUBMITTAL PROCEDURES		SECTION 014000 - QUALITY REQUIREMENTS	SECTION 033000 - CAST-IN-PLACE CONCRETE	SECTION 042200 - CONCRETE UNIT MASONRY	SECTION 051200 - STRUCTURAL STEEL FRAMING	SECTION 052100 - STEEL JOIST FRAMING
1.1 DEFINITIONS		A. Action Submittals: Written and graphic information and physical samples that require Engineer's and Construction Manager's responsive action. Action submittals are those submittals indicated in individual Specification Sections as "action submittals."	A.1 ACTION SUBMITTALS	1.1 ACTION SUBMITTALS: Product data for each type of product.	1.1 COORDINATION	1.1 DEFINITIONS
B. Informational Submittals: Written and graphic information and physical samples that do not require Engineer's and Construction Manager's responsive action. Submittals may be rejected for not complying with requirements. Informational submittals are those submittals indicated in individual Specification Sections as "informational submittals."		B. Quality-Assurance Services: Activities, actions, and procedures performed before and during execution of the Work to guard against defects and deficiencies and substantiate that proposed construction will comply with requirements.	B. Design Mixtures: For each concrete mixture.	A. Material Certificates: For each type and size of the following:	A. Coordinate selection of shop primers with topcoats to be applied over them. Comply with paint and coating manufacturers' written recommendations to ensure that shop primers and topcoats are compatible with one another.	A. SJIs "Specifications": Steel Joist Institute's "Standard Specifications, Load Tables and Weight Tables for Steel Joists and Joist Girders."
1.2 SUBMITTAL ADMINISTRATIVE REQUIREMENTS		C. Preconstruction Testing: Tests and inspections performed specifically for Project before products and materials are incorporated into the Work, to verify performance or compliance with specified criteria.	1.2 INFORMATIONAL SUBMITTALS: Material certificates and test reports.	1.2 INFORMATIONAL SUBMITTALS	B. Coordinate installation of anchorage items to be embedded in or attached to other construction without delaying the Work. Provide setting diagrams, sheet metal templates, instructions, and directions for installation.	B. Special Joists: Steel joists or joist girders requiring modification by manufacturer to support nonuniform, unequal, or special loading conditions that invalidate load tables in SJIs "Specifications."
A. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.		D. Field Quality-Control Testing: Tests and inspections that are performed on-site for installation of the Work and for completed Work.	1.3 QUALITY ASSURANCE: Manufacturer Qualifications: A firm experienced in manufacturing ready-mixed concrete products and that complies with ASTM C 94/C 94M requirements for production facilities and equipment.	B. Statement of Compressive Strength of Masonry: For each combination of masonry unit type and mortar type, provide statement of average net-area compressive strength of masonry units, mortar type, and resulting net-area compressive strength of masonry determined according to TMS 602/ACI 530.1/ASCE 6.	1.2 ACTION SUBMITTALS	1.2 ACTION SUBMITTALS
1. Coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities that require sequential activity.		E. Testing Agency: An entity engaged to perform specific tests, inspections, or both. Testing laboratory shall mean the same as testing agency.	1.4 PRECONSTRUCTION TESTING: Engage a qualified testing agency (according to ASTM C 1077 and ASTM E 329) to perform preconstruction testing on concrete mixtures.	C. FIELD CONDITIONS: Do not apply uniform floor or roof loads for at least 12 hours and concentrated loads for at least three days after building masonry walls or columns. Cold-Weather Placement: Comply with ACI 306.1. Hot-Weather placement: Comply with ACI 301 (ACI 301M).	A. Product Data: For each type of product.	A. Product Data: For each type of joist, accessory, and product.
2. Submit all submittal items required for each Specification Section concurrently unless partial submittals for portions of the Work are indicated on approved submittal schedule.		1.2 CONFLICTING REQUIREMENTS	1.5 FIELD CONDITIONS: Cold-Weather Placement: Comply with ACI 306.1. Hot-Weather placement: Comply with ACI 301 (ACI 301M).	2.1 PERFORMANCE REQUIREMENTS: Compressive Strength of Masonry (f'm) = 2,000 psi	B. Shop Drawings: Show fabrication of structural-steel components.	B. Shop Drawings:
3. Submit action submittals and informational submittals required by the same Specification Section as separate packages under separate transmittals.		A. Referenced Standards: If compliance with two or more standards is specified and the standards establish different or conflicting requirements for minimum quantities or quality levels, comply with the most stringent requirement. Refer conflicting requirements that are different, but apparently equal, to Engineer for a decision before proceeding.	2.1 CONCRETE, GENERAL: Comply with the following unless modified by requirements in the Contract Documents: ACI 301 (ACI 301M) and ACI 117 (ACI 117M).	2.2 MORTAR AND GROUT MIXES: Mortar for Unit Masonry: Comply with ASTM C 270 – Use Type S; Grout for Unit Masonry: Comply with ASTM C 476.	1. Include details of cuts, connections, splices, camber, holes, and other pertinent data.	1. Include layout, designation, number, type, location, and spacing of joists.
4. Coordinate transmittal of different types of submittals for related parts of the Work so processing will not be delayed because of need to review submittals concurrently for coordination.		B. Minimum Quantity or Quality Levels: The quantity or quality level shown or specified shall be the minimum provided or performed. The actual installation may comply exactly with the minimum quantity or quality specified, or it may exceed the minimum within reasonable limits. To comply with these requirements, indicated numeric values are minimum or maximum, as appropriate, for the context of requirements. Refer uncertainties to Engineer for a decision before proceeding.	2.2 STEEL REINFORCEMENT	2.3 CONCRETE MATERIALS	2. Include embedment Drawings.	2. Include joining and anchorage details, bracing, bridging, and joist accessories; splice and connection locations and details; and attachments to other construction.
a. Engineer reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.		1.3 REPORTS AND DOCUMENTS: Test and Inspection Reports: Prepare and submit certified written reports specified in other Sections.	A. Reinforcing Bars: ASTM A 615, Grade 60, deformed.	A. Cementitious Materials:	3. Indicate welds by standard AWS symbols, distinguishing between shop and field welds, and show size, length, and type of each weld. Show backing bars that are to be removed and supplemental field welds where backing bars are to remain.	3. Indicate locations and details of bearing plates to be embedded in other construction.
B. Processing Time: Allow time for submittal review, including time for resubmittals, as follows: Time for review shall commence on Engineer's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.		1.4 QUALITY ASSURANCE	B. Plain-Steel Welded-Wire Reinforcement: ASTM A 1064/A 1064M, plain, fabricated from as-drawn steel wire into flat sheets.	1. Portland Cement: ASTM C 150/C 150M, Type III.	4. Indicate type, size, and length of bolts, distinguishing between shop and field bolts. Identify pretensioned and slip-critical, high-strength bolted connections.	1.3 INFORMATIONAL SUBMITTALS: A. Comprehensive engineering analysis of special joists signed and sealed by the qualified professional engineer responsible for its preparation.
1. Initial Review: Allow 15 days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. Engineer will advise Contractor when a submittal being processed must be delayed for coordination.		A. General: Qualifications paragraphs in this article establish the minimum qualification levels required; individual Specification Sections specify additional requirements.	C. Bar Supports: Bolsters, chairs, spacers, and other devices for spacing, supporting, and fastening reinforcing bars and welded-wire reinforcement in place. Manufacture bar supports from steel wire, plastic, or precast concrete according to CRSI's "Manual of Standard Practice."	2. Fly Ash: ASTM C 618, Class F or C.	C. Delegated-Design Submittal: For structural-steel connections indicated to comply with design loads, include analysis data signed and sealed by the qualified professional engineer responsible for their preparation.	1.4 QUALITY ASSURANCE
2. Intermediate Review: If intermediate submittal is necessary, process it in same manner as initial submittal.		B. Manufacturer Qualifications: A firm experienced in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.	1. Blended Hydraulic Cement: ASTM C 595/C 595M.	2.5 REINFORCEMENT: Uncoated Steel Reinforcing Bars: ASTM A 615/A 615M or ASTM A 996/A 996M, Grade 60, Masonry-Joint Reinforcement, General: Ladder type complying with ASTM A 951/A 951M.	1.3 QUALITY ASSURANCE	A. Manufacturer Qualifications: A manufacturer certified by SJI to manufacture joists complying with applicable standard specifications and load tables in "Specifications".
3. Resubmittal Review: Allow 15 days for review of each resubmittal.		C. Fabricator Qualifications: A firm experienced in producing products similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.	2. Normal-Weight Aggregates: ASTM C 33/C 33M, graded.	2.6 EMBEDDED FLASHING MATERIALS: Coordinate with Architectural Drawings.	2. QUALITY ASSURANCE	1. Manufacturer's responsibilities include providing professional engineering services for designing special joists to comply with performance requirements.
D. Use for Construction: Retain complete copies of submittals on Project site. Use only final action submittals that are marked with approval notation from Engineer's and Construction Manager's action stamp.		D. Installer Qualifications: A firm or individual experienced in installing, erecting, or assembling work similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.	C. Air-Entraining Admixture: ASTM C 260/C 260M.	2.7 MISCELLANEOUS MASONRY ACCESSORIES: Compressible Filler: Premolded filler strips complying with ASTM D 1056, Grade 2A1, compressible up to 35 percent, of width and thickness indicated. Bond-Breaker Strips: Asphalt-saturated felt complying with ASTM D 226/D 226M, Type I (No. 15 asphalt felt).	3. WELDING QUALIFICATIONS: Quality procedures and personnel according to AWS D1.1/D1.1M/D1.8 (Seismic) "Structural Welding Code - Steel."	B. Welding Qualifications: Quality field-welding procedures and personnel according to AWS D1.1/D1.1M, "Structural Welding Code - Steel."
PART 2 - PRODUCTS		E. Professional Engineer Qualifications: A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for installations of the system, assembly, or product that are similar in material, design, and extent to those indicated for this Project.	D. Chemical Admixtures: Certified by manufacturer to be compatible with other admixtures and that do not contribute water-soluble chloride ions exceeding those permitted in hardened concrete. Do not use calcium chloride or admixtures containing calcium chloride.	2.8 MORTAR AND GROUT MIXES: Mortar for Unit Masonry: Comply with ASTM C 270 – Use Type S; Grout for Unit Masonry: Comply with ASTM C 476.	D. Comply with applicable provisions of the following specifications and documents:	A. Manufacturer Certifications: A qualified fabricator that participates in the AISC Quality Certification Program and is designated an AISC-Certified Plant, Category STD, or is accredited by the IAS Fabricator Inspection Program for Structural Steel (ACI 172).
2.1 SUBMITTAL PROCEDURES		F. Testing Agency Qualifications: An independent agency with the experience and capability to conduct testing and inspecting indicated, as documented according to ASTM E 329; and with additional qualifications specified in individual Sections; and, where required by authorities having jurisdiction, that is acceptable to authorities.	E. Water: ASTM C 94/C 94M.	3. EXECUTION	1. AISC 303-10, "Code of Standard Practice for Steel Buildings & Bridges".	B. Welding Qualifications: A qualified fabricator that participates in the AISC Quality Certification Program and is designated an AISC-Certified Erector.
A. General Submittal Procedure Requirements: Prepare and submit submittals required by individual Specification Sections. Types of submittals are indicated in individual Specification Sections.		G. Manufacturer's Technical Representative Qualifications: An authorized representative of manufacturer who is trained and approved by manufacturer to observe and inspect installation of manufacturer's products that are similar in material, design, and extent to those indicated for this Project.	2.5 VAPOR RETARDERS: Sheet Vapor Retarder: Polyethylene sheet, ASTM D 4397, not less than 10 mils (0.25 mm) thick.	3.1 EXAMINATION: Examine conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work to include: roughness of built-in construction for piping systems; foundations are within tolerances specified, and reinforcing devices are properly placed. Proceed with installation only after unsatisfactory conditions have been corrected.	2. AISC 360-10, "Specification for Structural Steel Buildings".	C. Welding Qualifications: Quality procedures and personnel according to AWS D1



COPYRIGHT © 2023 - ALL REPORTS, PLANS, SPECIFICATIONS, COMPUTER
 FILES, FIELD DATA, NOTES & OTHER DOCUMENTS ARE INSTRUMENTS OF
 SERVICE PROVIDED BY CURACSI PETERSON. COPY AS INSTRUMENTS OF
 SERVICE REMAIN THE PROPERTY OF CP. CP SHALL RETAIN ALL COMMON
 LAW, STATUTORY, AND OTHER RESERVED RIGHTS, INCLUDING THE
 COPYRIGHT THERE TO. ANY USE OR REPRODUCTION OF THIS DOCUMENT
 WITHOUT WRITTEN PERMISSION FROM CP IS A VIOLATION OF FEDERAL
 COPYRIGHT LAWS.

ARCHITECT/ENGINEER SEAL



CONSULTANT

[illegible]

PROJECT NO 20220266	DRAWN BY KK
PERMIT SUB DATE TBD	CHECKED BY EDM

PROJECT

STARBUCKS
SHELL PACKAGE

ST. LUCIE W BLVD & CASHMERE BLVD
PORT SAINT LUCIE, FL.

CLIENT

REGENCY CENTERS

2700 N. MILITARY TRAIL, SUITE 380
BOCA RATON, FL 33431

SHEET TITLE

3D VIEWS


SHEET NO S005 REV 

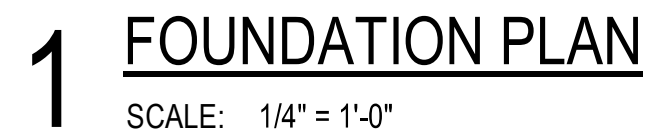
PROJECT NO 20220266	DRAWN BY KK
PERMIT SUB DATE TBD	CHECKED BY EDM

CLIENT

REGENCY CENTERS

2700 N. MILITARY TRAIL, SUITE 380
BOCA RATON, FL 33431

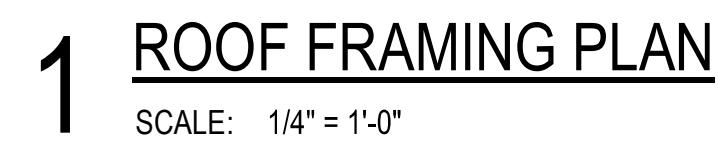
SHEET NO S101 REV 



MASONRY WALL REINFORCEMENT KEY PLAN

STRUCTURAL FOUNDATION SCHEDULE						
MARK	LENGTH	WIDTH	FOUNDATION THICKNESS	TOP REINF.	BOTTOM REINF.	
F5	5'-0"	5'-0"	1'-4"	#5 @ 9" O.C. E.W.	#5 @ 9" O.C. E.W.	
F5k7	5'-0"	7'-0"	1'-4"	#5 @ 9" O.C. E.W.	#5 @ 9" O.C. E.W.	

- | GENERAL NOTES: | |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | EXTERIOR FOOTINGS HEREIN ARE RELATIVE TO FINISHED FLOOR ELEVATION OF 0'-0". THE TOP OF ALL EXTERIOR FOOTINGS SHALL BE THUS -2'-0", TYP. U.O.N. |
| 2. | REFERENCE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND CONSTRUCTION OF NON-LOAD BEARING MITL. STUD WALLS, FAUXURES, AND OTHER ITEMS NOT PRESENTED HEREIN. |
| 3. | REFERENCE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND CONSTRUCTION OF NON-LOAD BEARING MITL. STUD WALLS, FAUXURES, AND OTHER ITEMS NOT PRESENTED HEREIN. |
| 4. | 4" CONCRETE SLAB W/ 3000 PSI FCS W/ 6X6X2X12X1.2 W/ 1" W.F. OVER 10 MIL. MIN. VAPOR REPARATOR ON TERMIATE TREATED COMPACTED SOIL. TYP. U.O.N. |
| 5. | C.J. = CONTROL JOINT/CONSTRUCTION JOINT. TO BE COORDINATED (REF. SUBMITTAL SECTION OF GENERAL NOTES). CONTROL JOINTS SHALL BE 1" DEEP SAW CUTS TO BE MADE WITHIN 24 HRS. OF POUR. |
| 6. | REF. ARCH./PLUMBING DRAWINGS FOR DRAIN SLOPES, ELEVATIONS AND SLAB RECESSES. |
| 7. | CONTROL JOINTS (C.J.) SHALL BE LOCATED AT 12'-0" O.C. MAX. U.O.N. WITH LENGTH TO WIDTH RATIO NOT TO EXCEED 1:5.1 |
| 8. | OPENING-RE-ENTRANT CORNER, TYP. PROVIDE (2) #4 X 4'-0" LONG BARS @ MID-HEIGHT OF SLAB. |

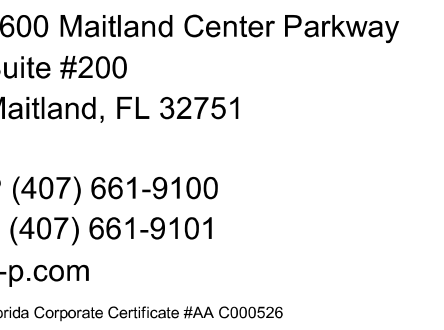


STRUCTURAL DECK CLOSURE ANGLE SCHEDULE						
MARK	SIZE	ON CENTER FASTER SPACING			NOTES	
DC1	14X4X3/8"	24" O.C. MAX.			@ MASONRY	
DC2	14X4X1/2"	24" O.C. MAX.			@ MASONRY	

STRUCTURAL BOND BEAM SCHEDULE						
MARK	SIZE	HORIZ REINF.	VERT REINF.	ELEVATION	NOTES	
BB1	8" x 8"	(2) #5 REBAR	REF. PLANS	REF. ELEVATION	REF. GEN. CONJ. INFO	
BB2	8" x 16"	#5 REBAR 28/2T	REF. PLANS	REF. ELEVATION	REF. GEN. CONJ. INFO	

STRUCTURAL LIFT SCHEDULE						
MARK	SIZE	HORIZ REINF.	VERT REINF.	NOTES		
18-1A	8" x 8"	(1) #5 REBAR	REF. PLANS	8" MIN. END BRG.	PRECAST BASE	
18-3B	8" x 24"	#5 REBAR 29/2T	REF. PLANS	8" MIN. END BRG.	PRECAST BASE	

- FASTEN USING (7) 5/8" PUDDLE WELDS @ EACH SUPPORT PER 36" WIDTH (36/7), (3) #10 TEK SCREWS @ MIDSPAN OF SIDELAPS, AND 5/8" PUDDLE WELDS @ 6" O.C. ALONG EDGES.



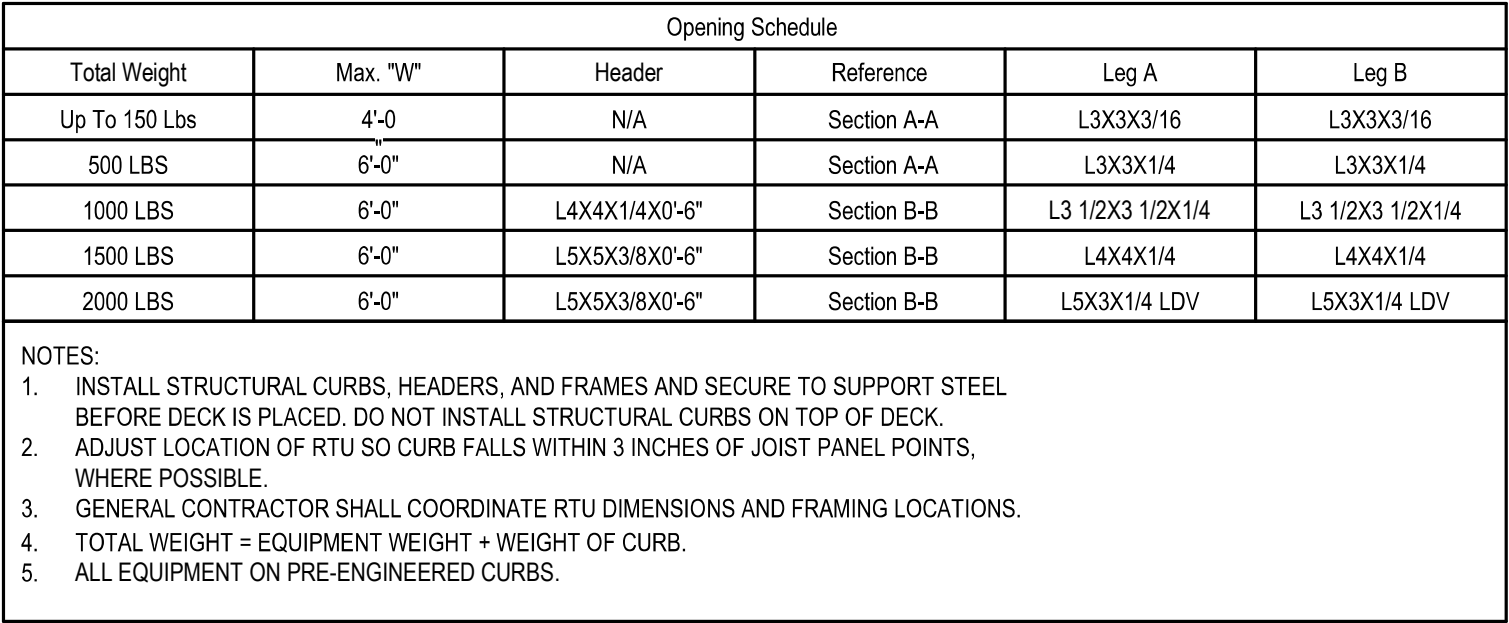
01/24/2025

EDUARDO DANIEL MARTINEZ
LICENSE
No. 73403
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

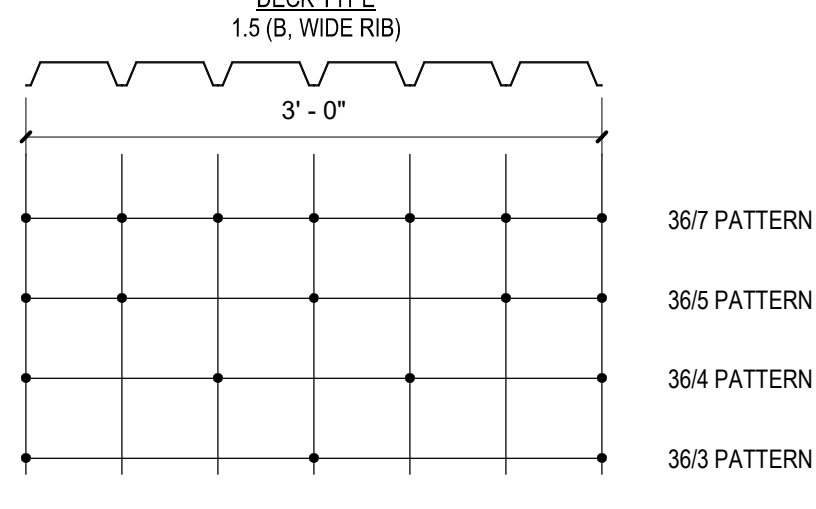
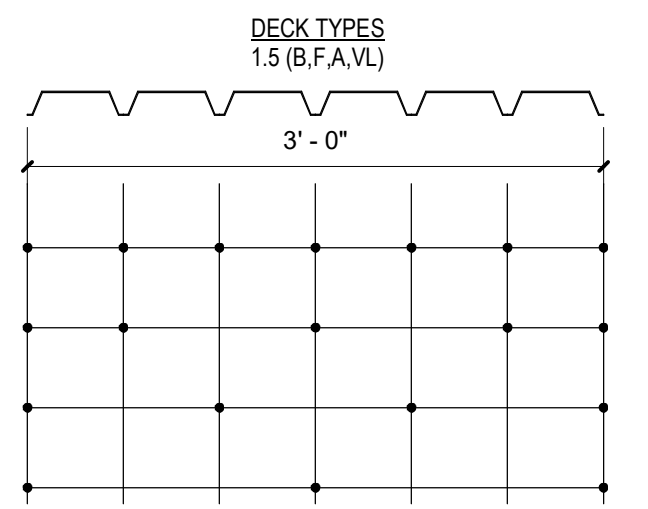
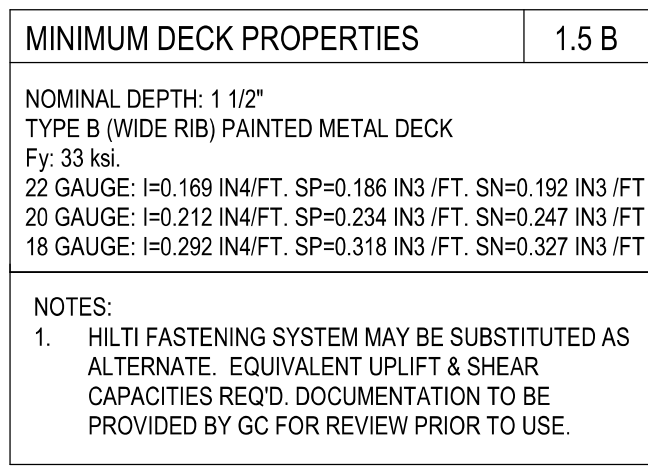
EDUARDO D. MARTINEZ
FL PE # 73403

S201

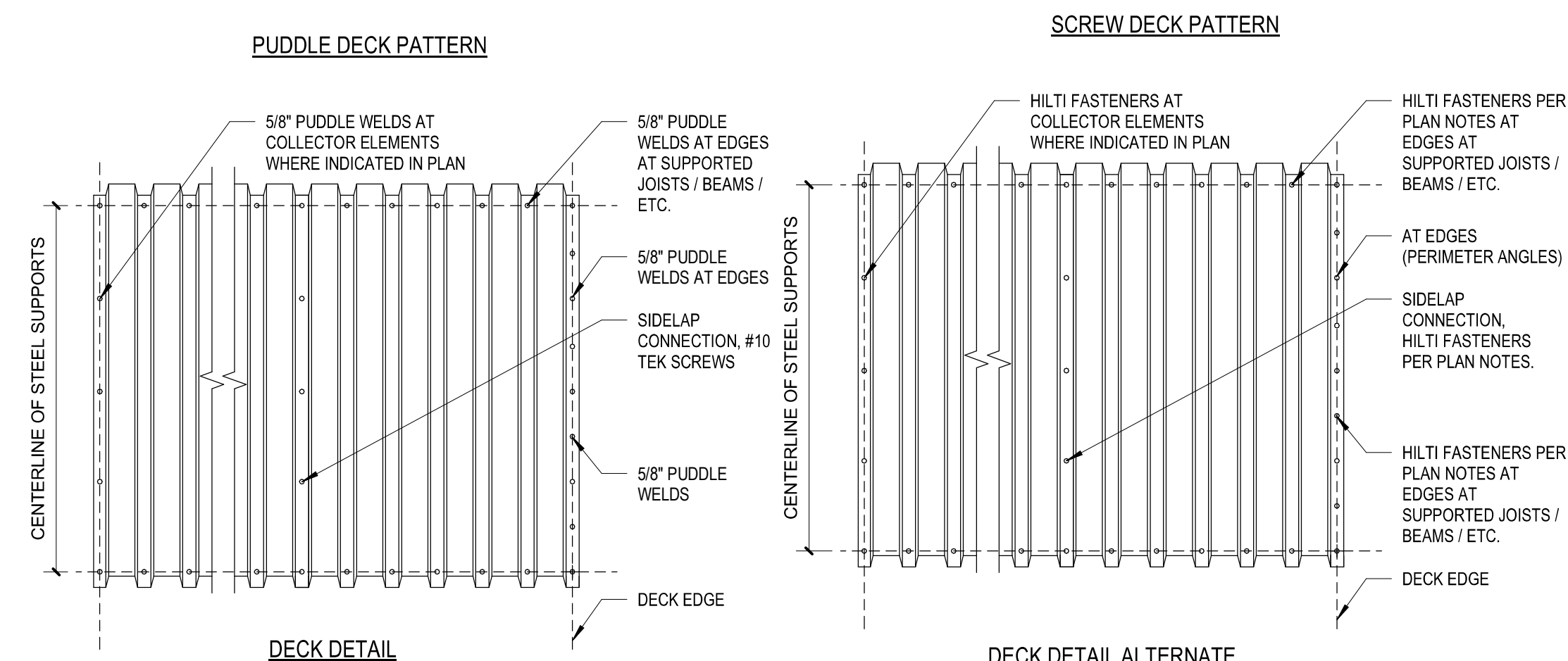
7 NORTHEAST ELEVATION - BOH



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

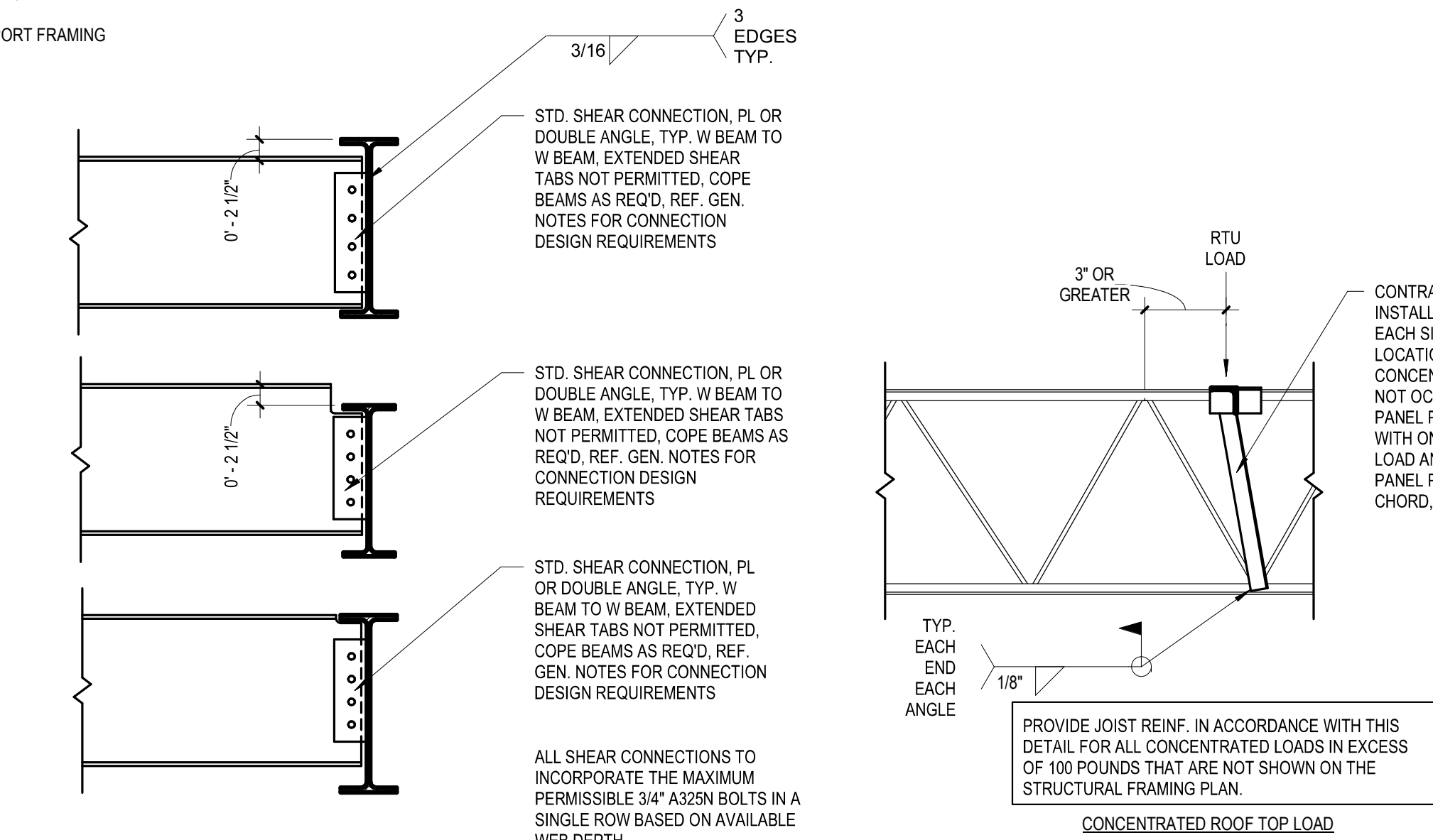


SCALE: 1" = 1'-0"

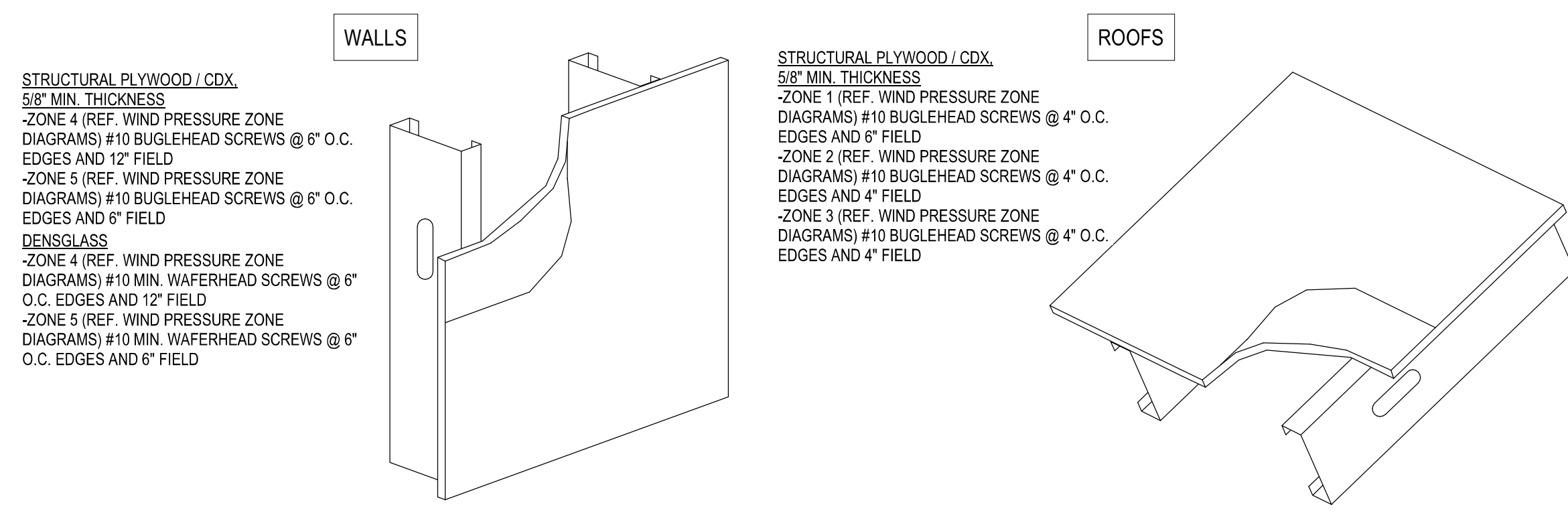


SCALE: 1" = 1'-0"

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

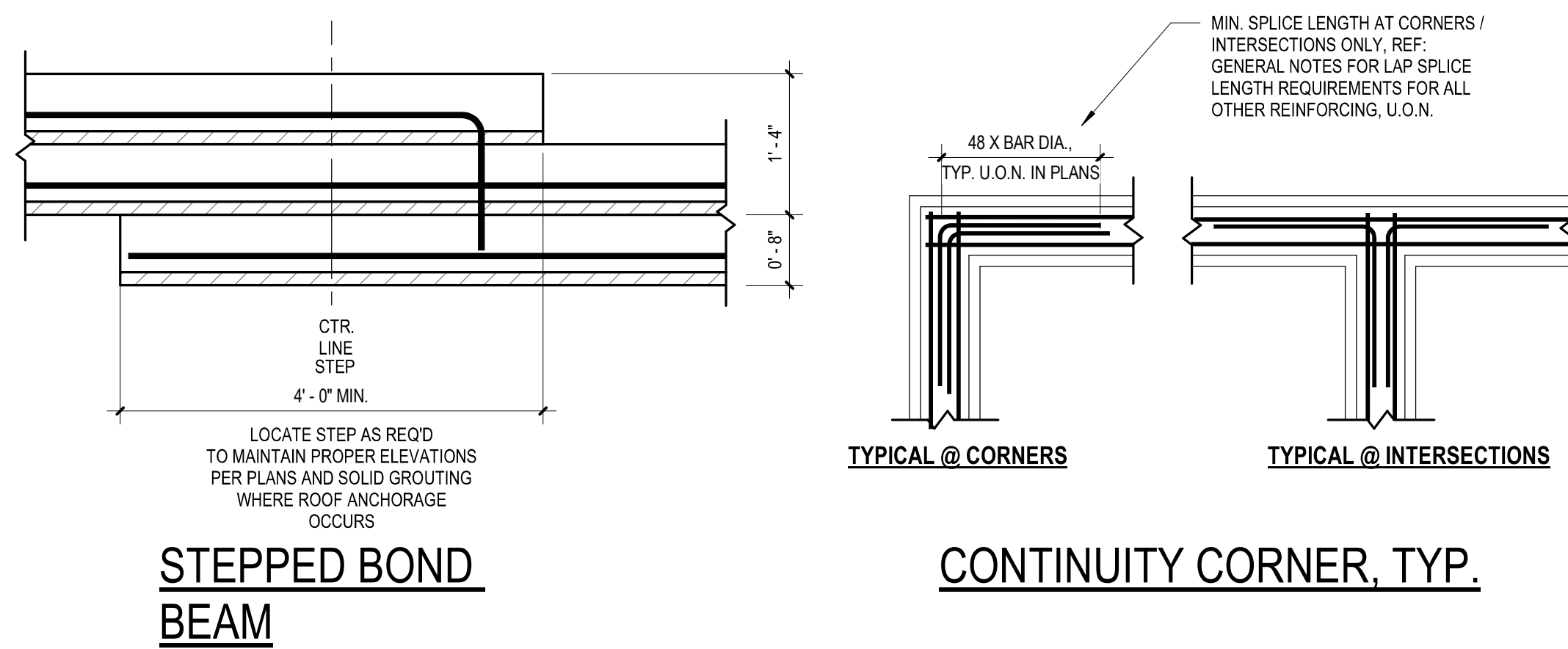


SCALE: 3/4" = 1'-0"



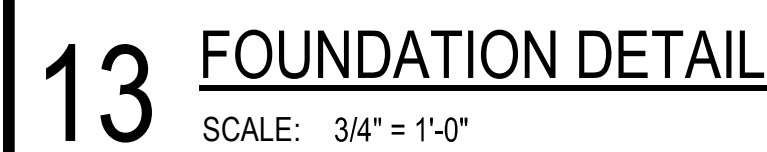
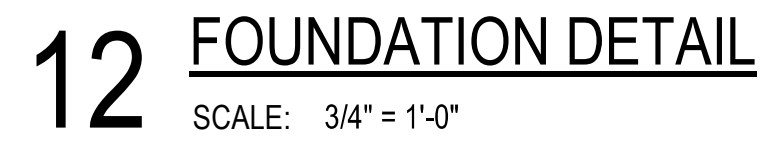
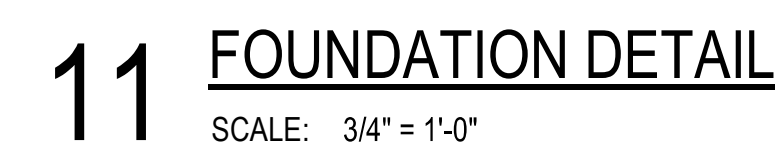
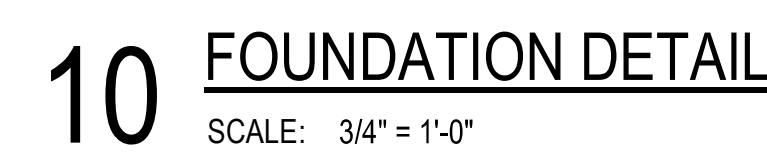
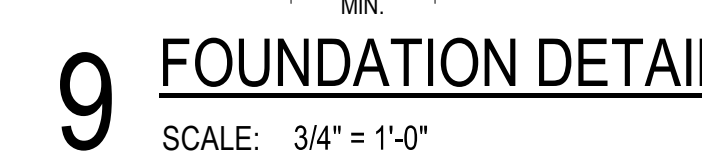
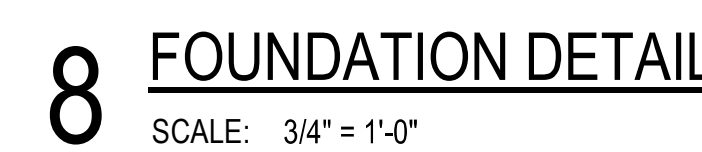
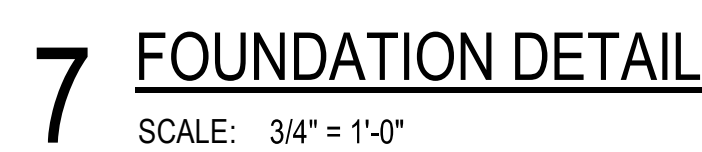
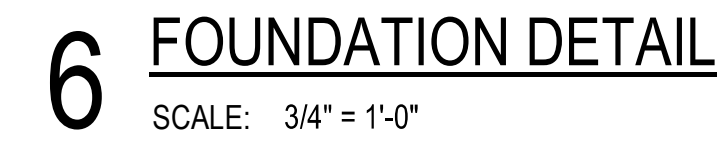
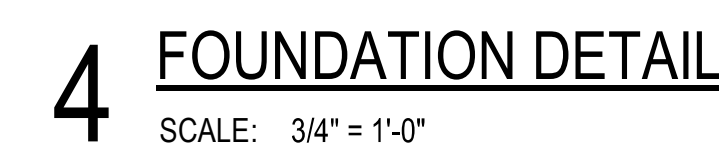
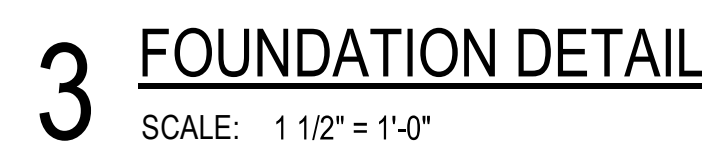
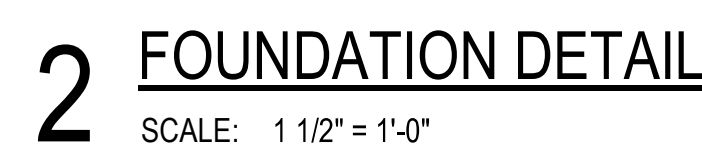
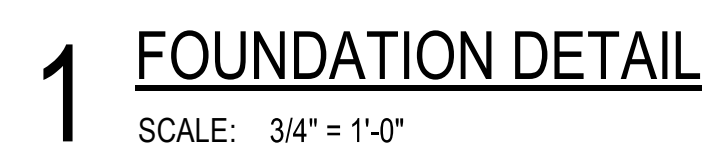
SCALE: 3/4" = 1'-0"

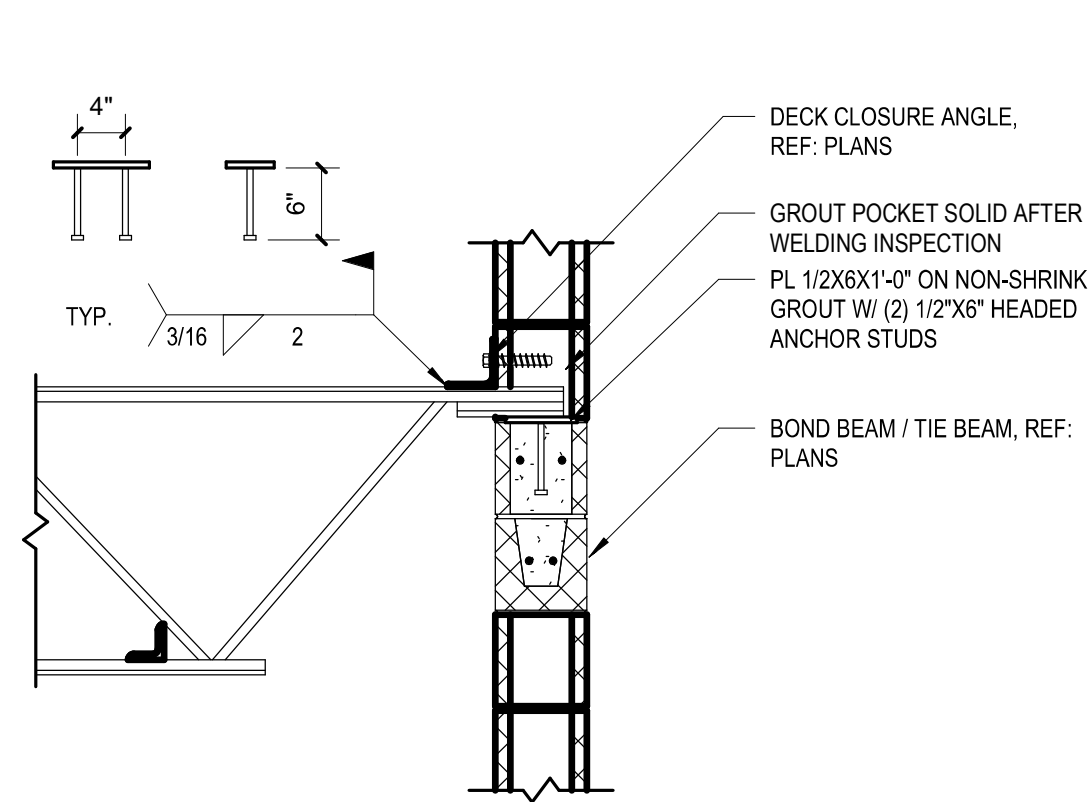
SHEET NO



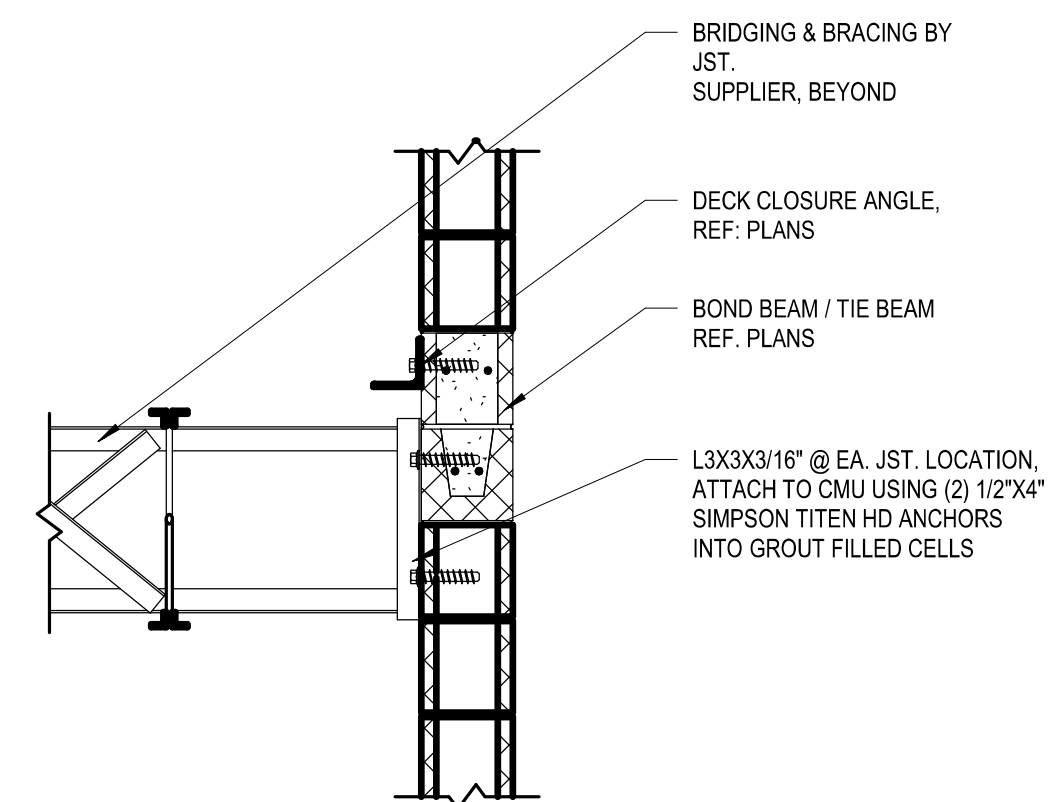
SCALE: 3/4" = 1'-0"



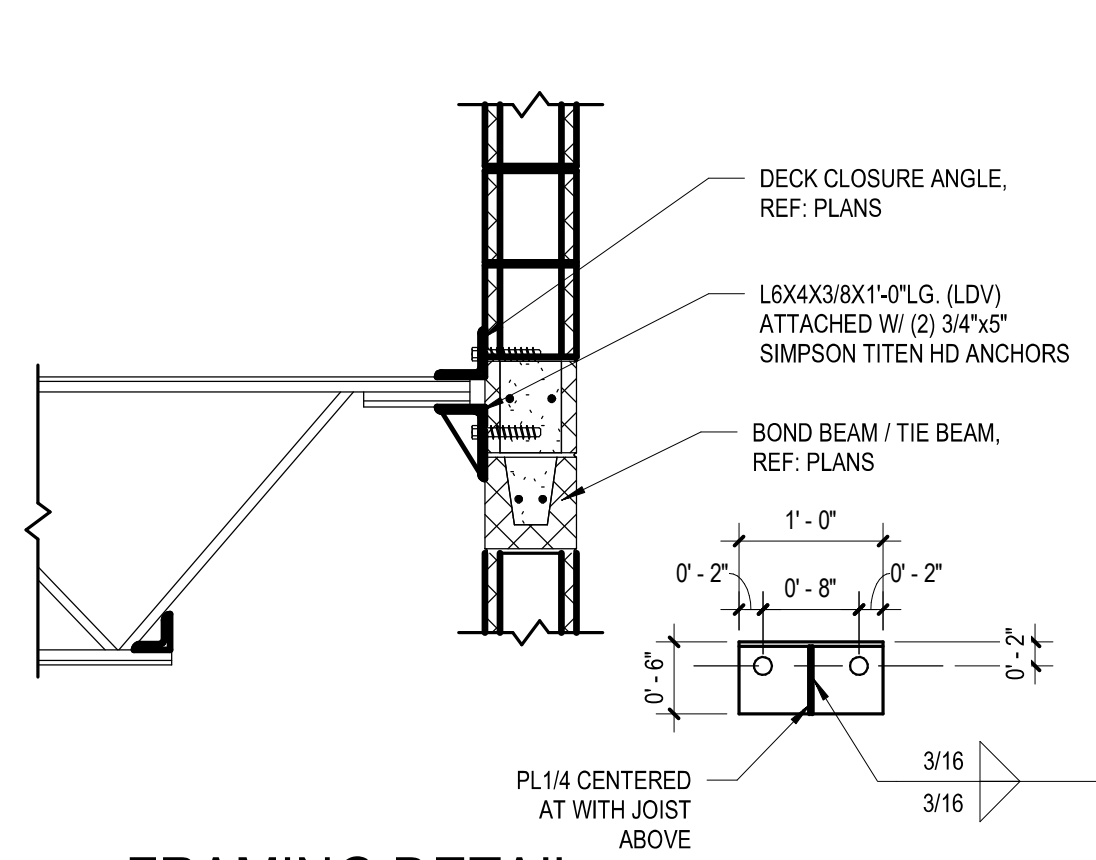




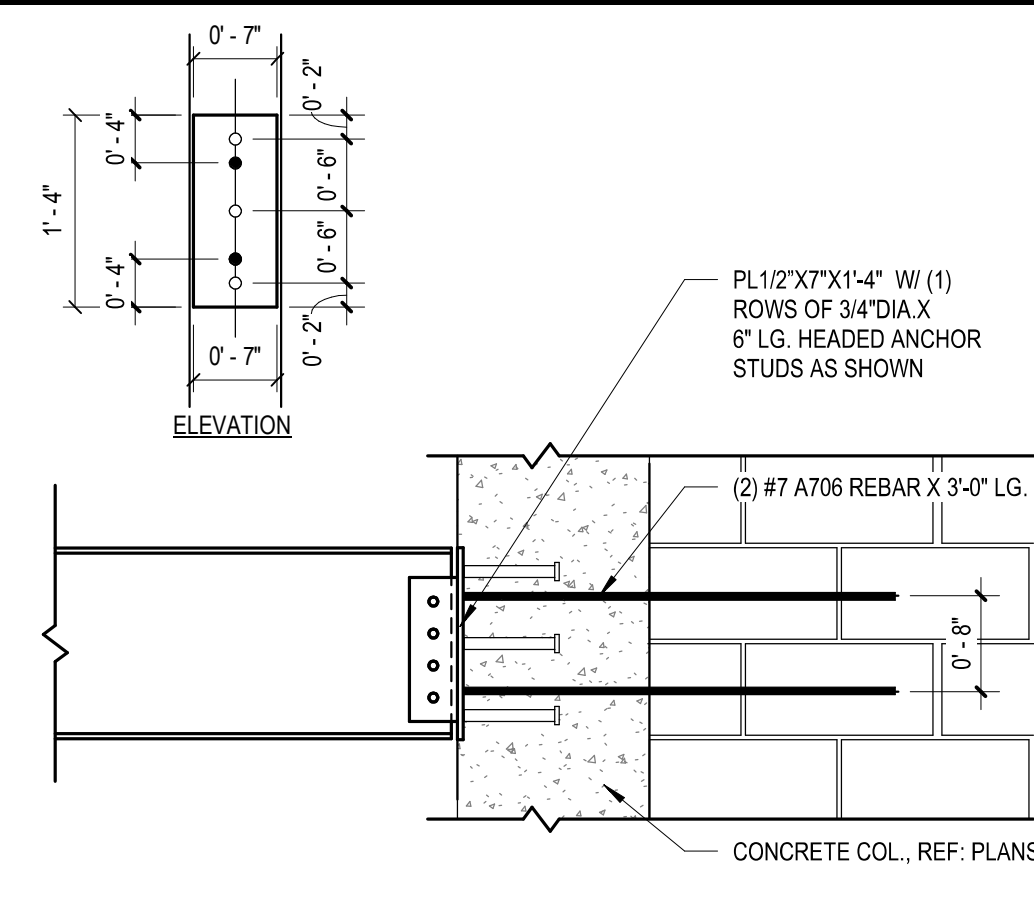
1 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



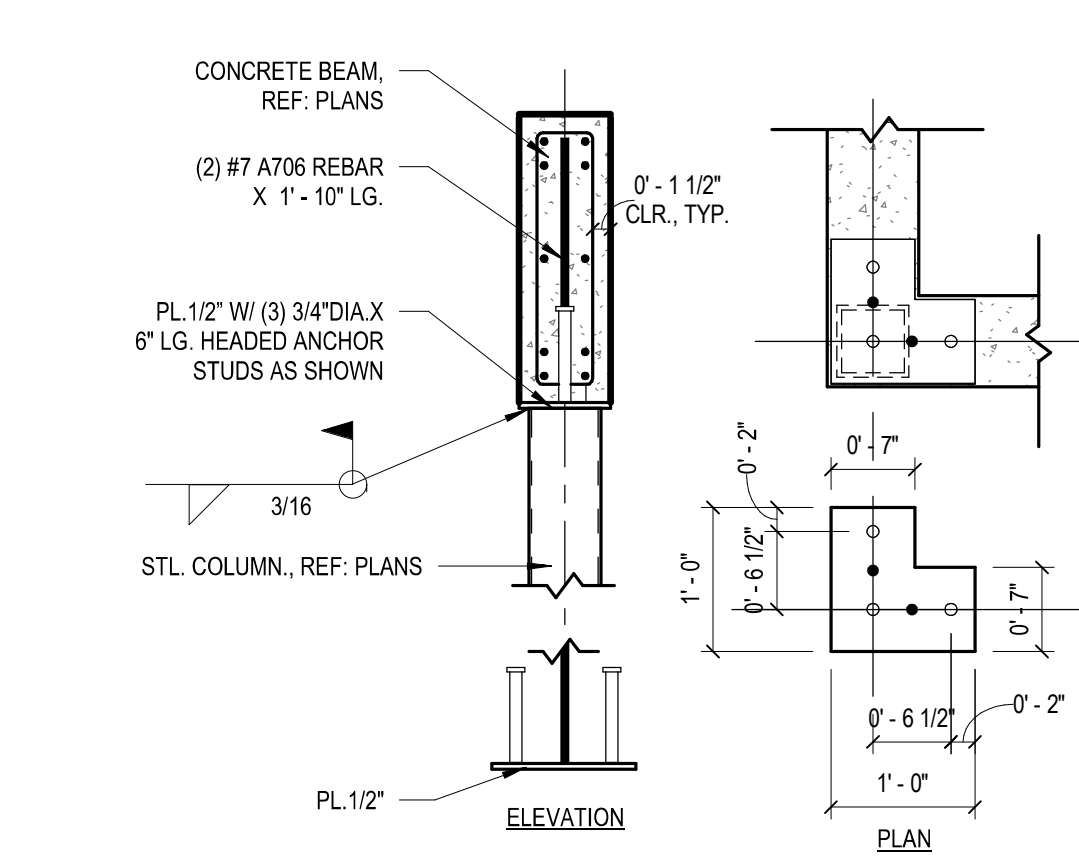
2 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



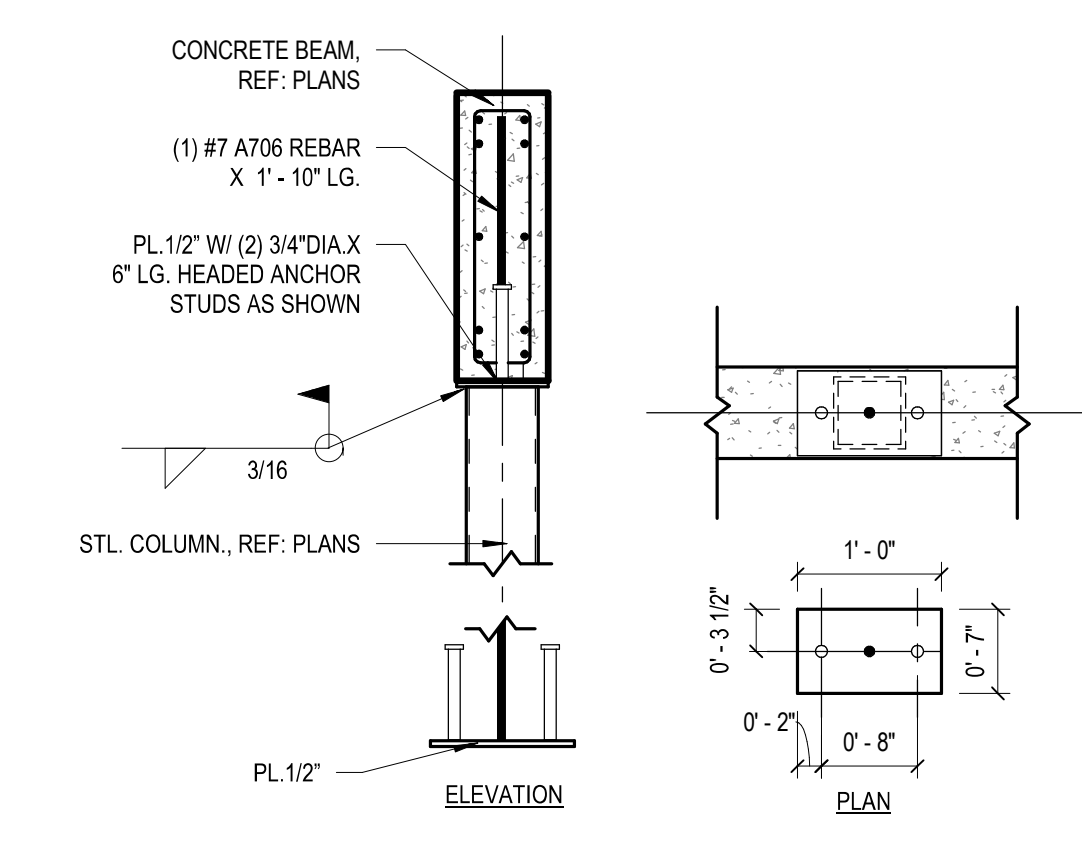
3 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



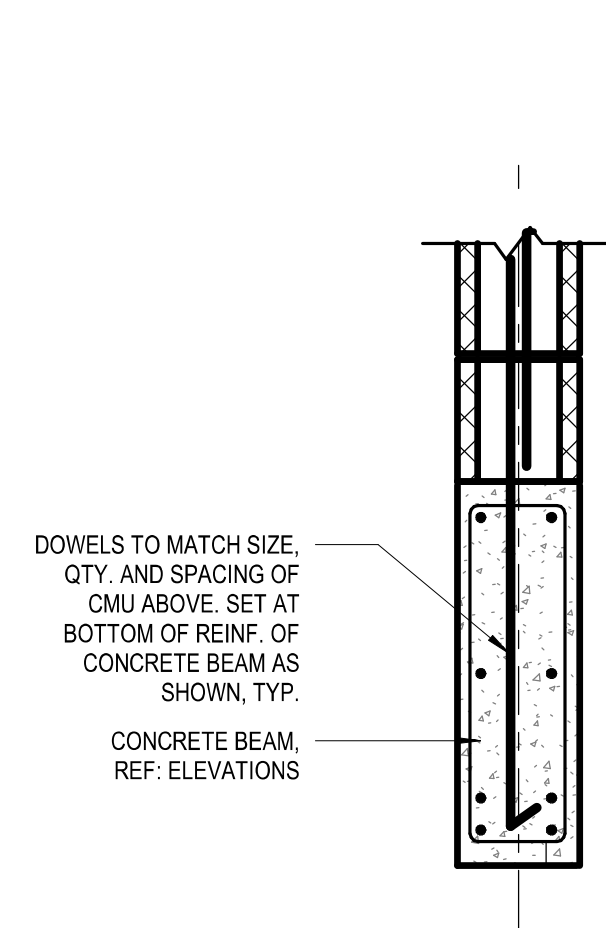
4 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



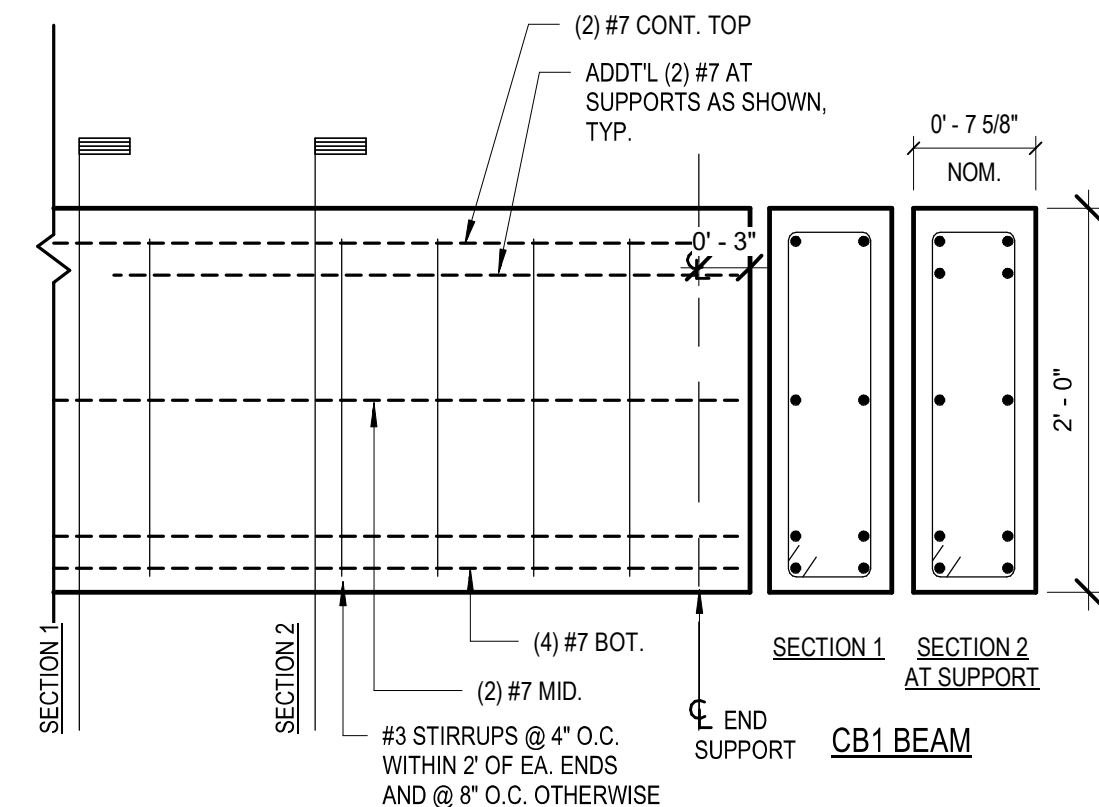
5 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



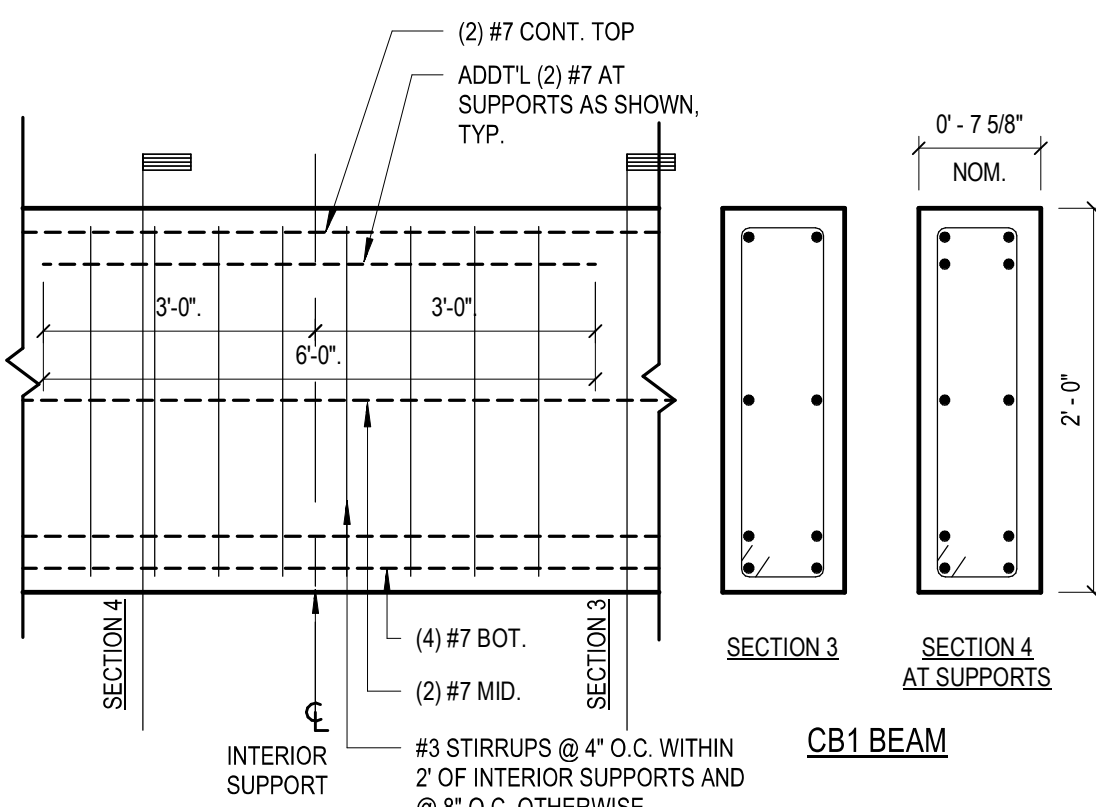
6 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



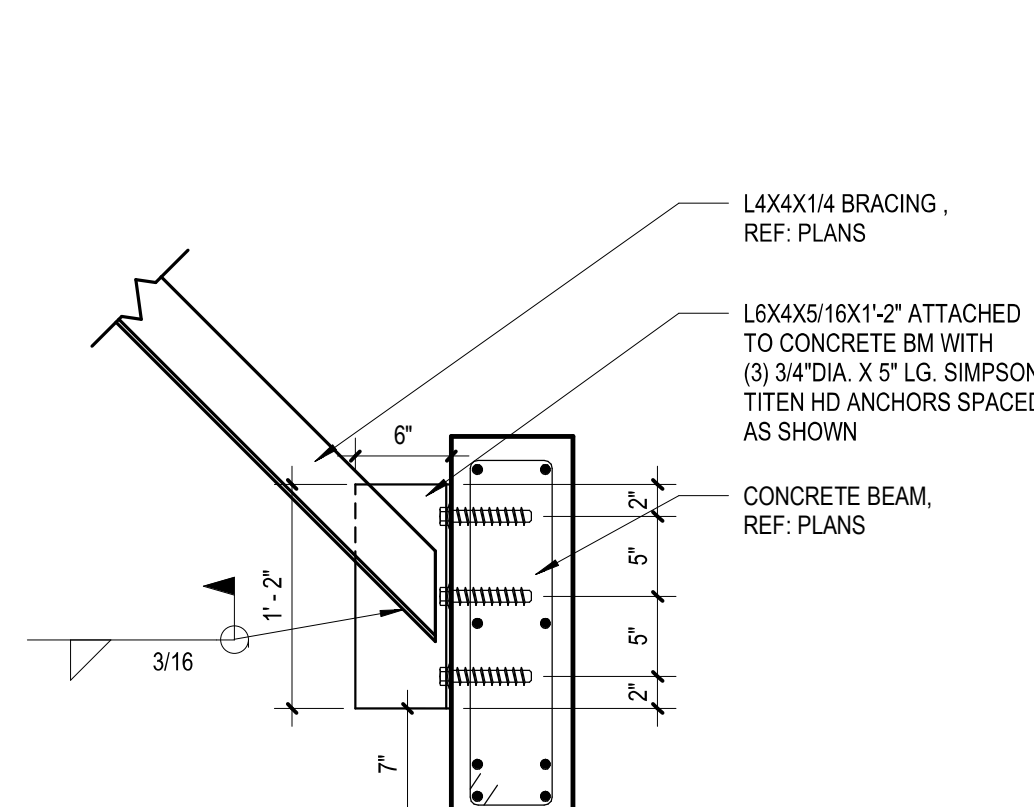
7 FRAMING DETAIL
SCALE: 1" = 1'-0"



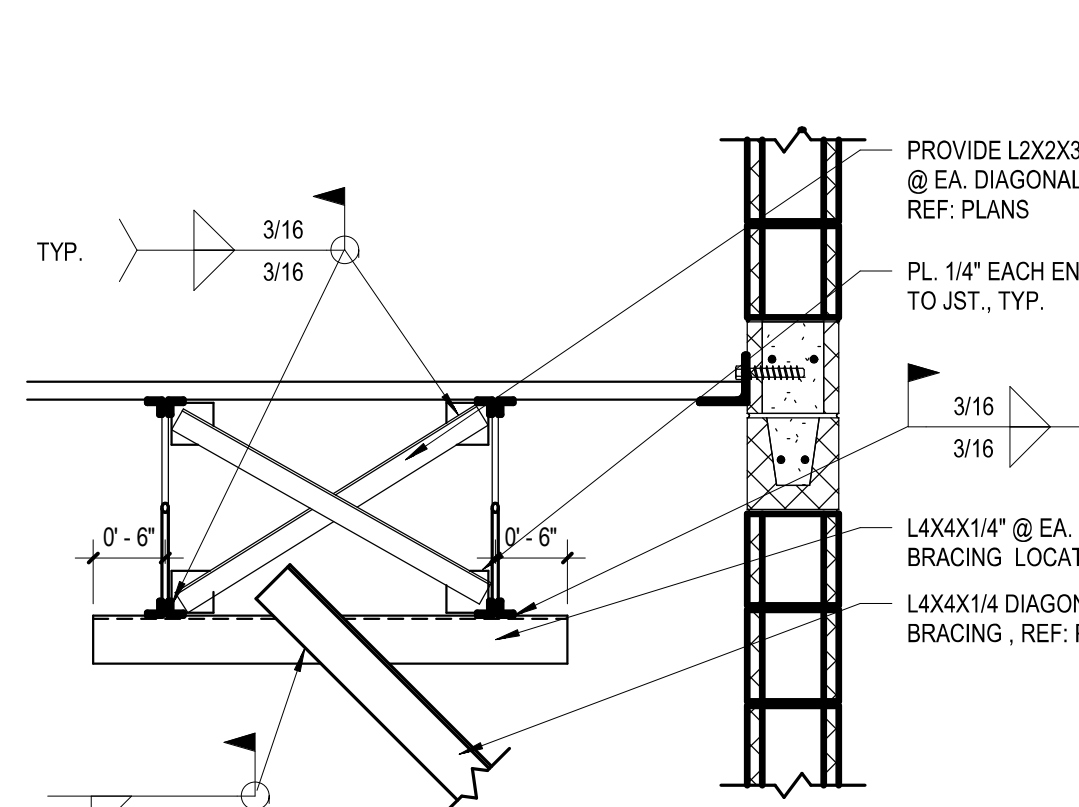
8 CB1 CONCRETE BEAM AT END SUPPORT
SCALE: 1" = 1'-0"



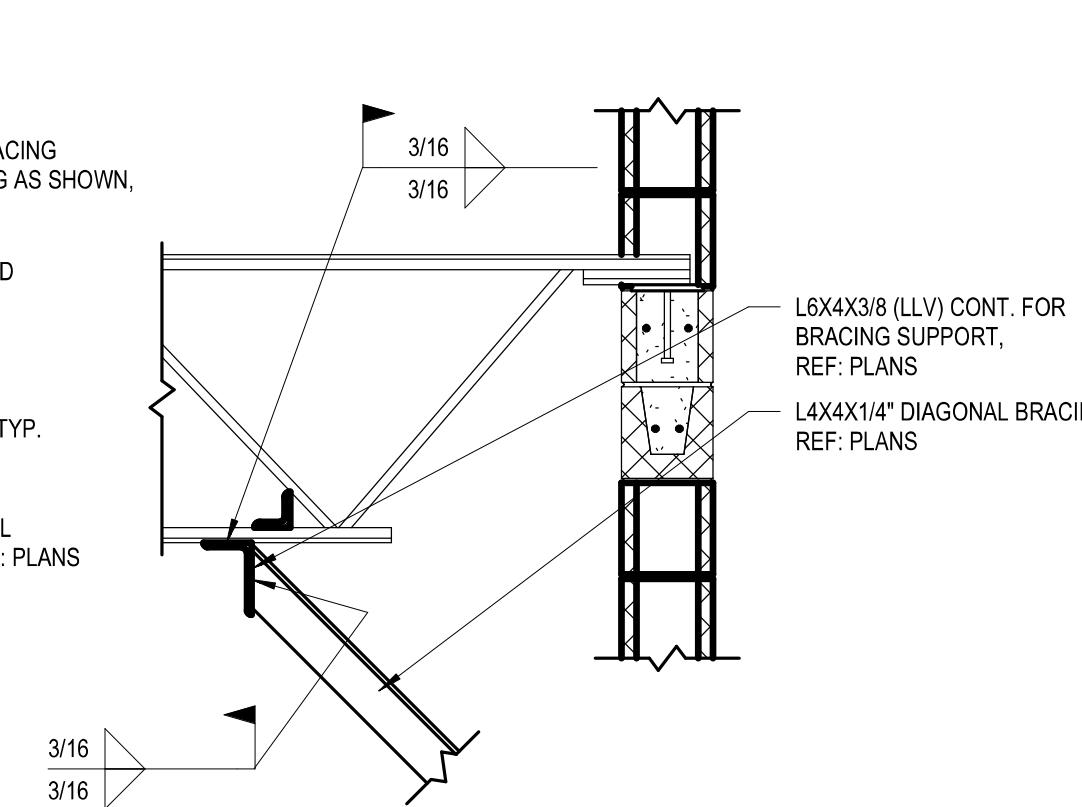
9 CB1 CONCRETE BEAM AT INTERIOR SUPPORT
SCALE: 1" = 1'-0"



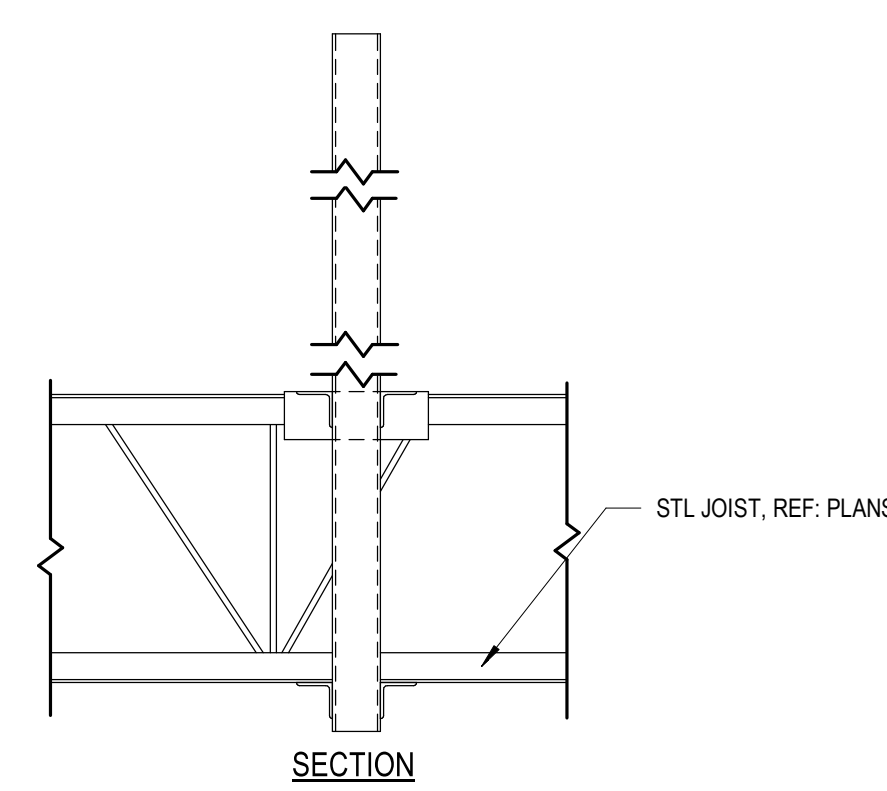
10 FRAMING DETAIL
SCALE: 1" = 1'-0"



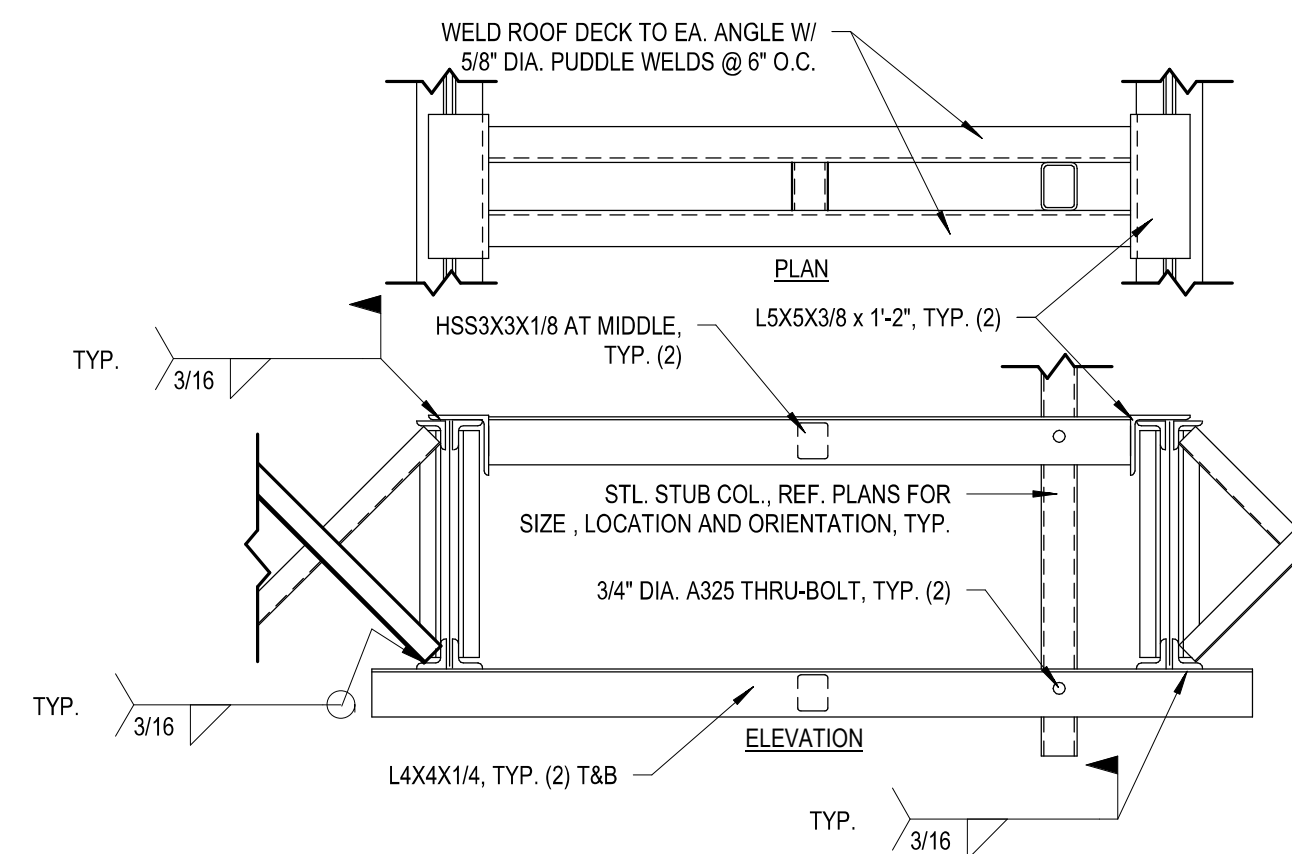
11 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



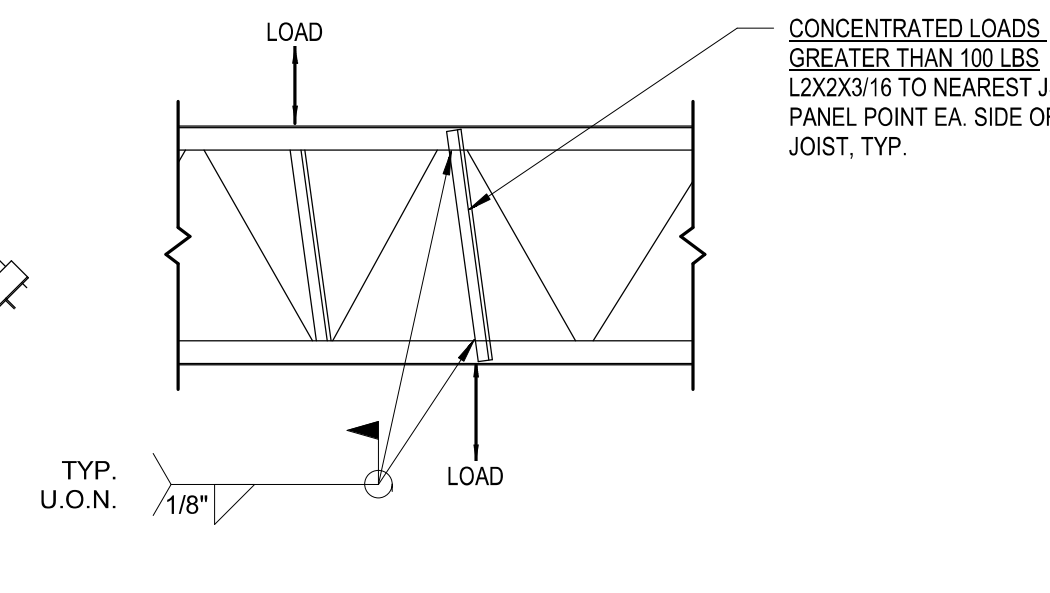
12 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



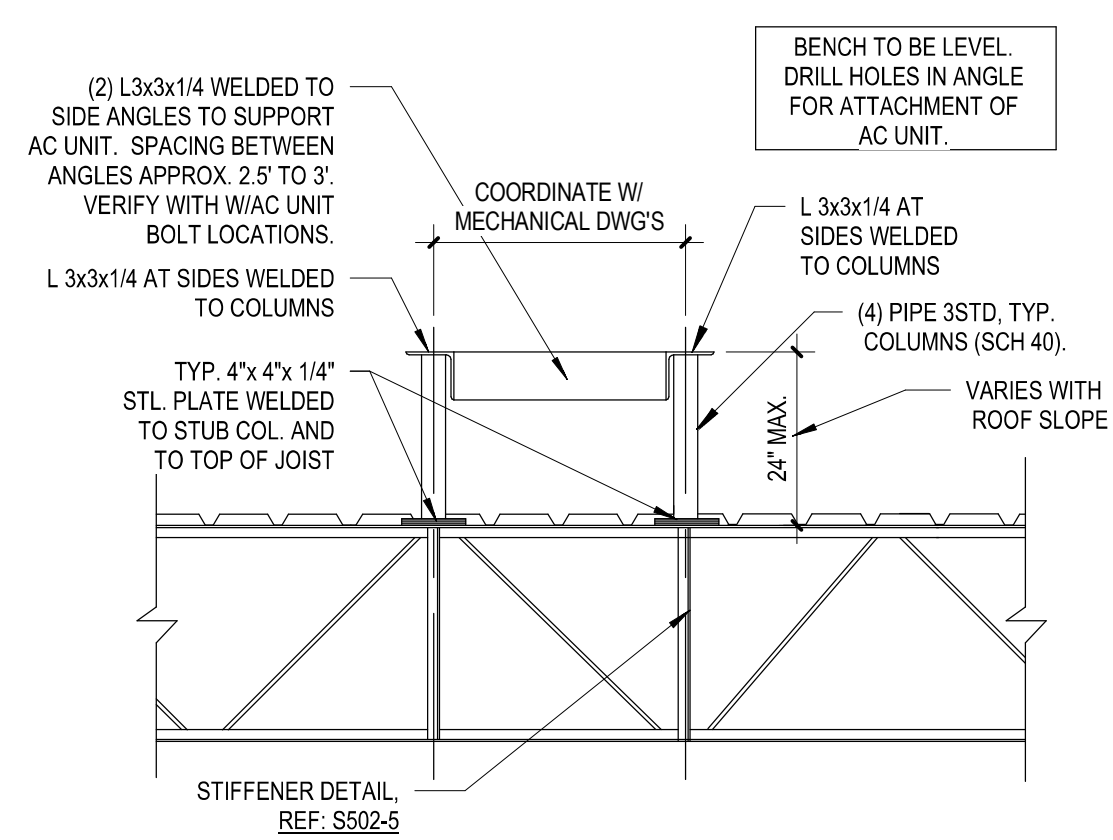
13 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



14 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



15 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



16 FRAMING DETAIL
SCALE: 1/4" = 1'-0"