

**GENERAL STRUCTURAL NOTES:**

**DESIGN LOADS AND CRITERIA**

2023 FLORIDA BUILDING CODE, 8TH EDITION  
MINIMUM DESIGN LOADS PER ASCE 7-22  
RISK CATEGORY II (NORMAL)

DEAD AND LIVE LOADS		
LOCATION	DEAD LOAD	LIVE LOAD
FLOOR	---	UNIFORM: 300 PSF @ BACK ROOM, 125 PSF ELSEWHERE CONCENTRATED: 2200 LBS
ROOF	22 PSF*	20 PSF (REDUCIBLE)
CANOPY	11 PSF	20 PSF (REDUCIBLE)
*ROOF DEAD LOAD INCLUDES 6 PSF ALLOWANCE FOR FUTURE SOLAR ARRAY		

SNOW DESIGN  
NOT REQUIRED

RAIN DESIGN: RAIN INTENSITY, i = 8.80 IN/HR, 15 MIN DURATION

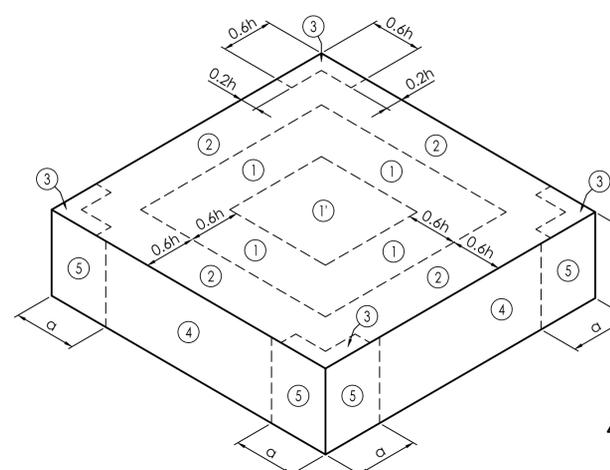
GEOTECHNICAL  
REPORT BY ANTILUS, LLC  
REPORT NUMBER 01.6045.23, DATED 09 APR 2025  
ALLOWABLE BEARING PRESSURE FOR FOUNDATION DESIGN = 2500 PSF

SEISMIC DESIGN  
NOT REQUIRED

WIND DESIGN  
Vult = 170 MPH, Vasd = 132 MPH, EXPOSURE C, GCpI = 0.18  
ASD NET UPLIFT ON ROOF JOISTS AND JOIST GIRDERS = 52 PSF

COMPONENT AND CLADDING (C&C) PRESSURES ARE TABULATED BELOW BY WIND ZONE  
PRESSURES ARE PSF, LRFD (ULTIMATE) LEVEL. MULTIPLY BY 0.6 FOR ASD (SERVICE) LEVEL.  
\*(+)\* INDICATES INWARD PRESSURE. \*(-)\* INDICATES OUTWARD PRESSURE (SUCTION).  
OH = OVERHANG, Aeff = EFFECTIVE WIND AREA (SQ FT),  
EDGE/CORNER WIDTH, a = 7 FT, MEAN ROOF HEIGHT, h = 17.0 FT.

WALL	Aeff	≥ 0	≥ 25	≥ 50	≥ 100	≥ 200	≥ 500
4.5 (+)	59.2	55.7	53.1	50.5	47.8	44.4	
4 (-)	-64.1	-60.6	-58.0	-55.4	-52.8	-49.3	
5 (-)	-78.9	-72.0	-66.7	-61.5	-56.2	-49.3	
PARAPET	Aeff	≥ 0	≥ 25	≥ 50	≥ 100	≥ 200	≥ 500
4 (+)	195.9	179.1	166.5	153.8	141.1	124.3	
4 (-)	-115.7	-108.0	-102.1	-96.3	-90.4	-82.7	
5 (+)	251.0	221.3	198.9	176.4	154.0	124.3	
5 (-)	-132.3	-120.6	-111.8	-103.1	-94.3	-82.7	
ROOF	Aeff	≥ 0	≥ 25	≥ 50	≥ 100	≥ 200	≥ 500
1,1,2,3 (+)	26.3	24.1	22.5	20.8	20.8	20.8	
1' (-)	-59.2	-59.2	-59.2	-59.2	-47.4	-31.8	
1 (-)	-103.0	-94.0	-87.2	-80.4	-73.6	-64.6	
2 (-)	-135.9	-124.3	-115.6	-106.8	-98.1	-86.6	
3 (-)	-185.2	-162.1	-144.6	-127.1	-109.7	-86.6	
OVERHANG	Aeff	≥ 0	≥ 25	≥ 50	≥ 100	≥ 200	≥ 500
1,1 (-)	-93.1	-91.0	-89.3	-87.7	-73.5	-54.8	
OH 2 (+)	-126.0	-110.6	-99.0	-87.3	-75.7	-60.3	
OH 3 (-)	-175.3	-148.4	-128.0	-107.6	-87.2	-60.3	
CANOPY	Aeff	≥ 0	≥ 25	≥ 50	≥ 100	≥ 200	≥ 500
TOP BOT (+)	42.3	38.4	35.4	32.4	32.4	32.4	
BOT (-)	-44.8	-40.8	-37.8	-34.8	-34.8	-34.8	
TOP (-)	-62.2	-53.3	-46.6	-39.8	-39.8	-39.8	
NET UPLIFT	-48.5	-43.4	-39.6	-35.8	-35.8	-35.8	
NET DOWN	48.5	42.6	38.2	33.7	33.7	33.7	



WIND ZONE DIAGRAM

**STRUCTURAL ABBREVIATIONS**

ACI	AMERICAN CONCRETE INSTITUTE	BP	BASE PLATE	DIM	DIMENSION	FS	FAR SIDE	MAX	MAXIMUM	PT	PRESSURE TREATED	T	TENSION
ADDL	ADDITIONAL	BRG	BEARING	DIR	DIRECTION	FTG	FOOTING	MECH	MECHANICAL	QTY	QUANTITY	T&B	TOP AND BOTTOM
ADDN	ADDITION	BRS	BOTH SIDES	DN	DOWN	GA	GAUGE	MEZ	MEZANINE	R	RADIUS	T&G	TONGUE AND GROOVE
AFB	ABOVE FINISHED FLOOR	BTWN	BETWEEN	DO	DITTO (SAME AS ADJACENT)	GALV	GALVANIZED	MFR	MANUFACTURER	TBD	TO BE DETERMINED	T&H	TOP OF HEAD
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	C	COMPRESSION	DWG	DRAWING	GC	GENERAL CONTRACTOR	MIN	MINIMUM	RD	ROOF DRAIN	TCX	TOP CHORD EXTENSION
AISI	AMERICAN IRON AND STEEL INSTITUTE	CAP	CAPACITY	EA	EACH	GR	GRADE	MO	MASONRY OPENING	REINF	REINFORCE/REINFORCEMENT	TMS	THE MASONRY SOCIETY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	CFS	COLD-FORMED STEEL (LIGHT GAUGE)	EF	EACH FACE	GSN	GENERAL STRUCTURAL NOTES	NO	NUMBER	REQD	REQUIRED	TO	TOP OF
APPROX	APPROXIMATE/APPROXIMATELY	CJ	CONTROL JOINT	EJ	EXPANSION JOINT	HGT	HEIGHT	NOM	NOMINAL	REQT	REQUIREMENT	TOB	TOP OF BEAM
AR	ANCHOR ROD	CLG	CEILING	EL	ELEVATION	HORIZ	HORIZONTAL	NS	NEAR SIDE	REV	REVISION	TOS	TOP OF STEEL
ARCH	ARCHITECT/ARCHITECTURAL	CLR	CLEAR	EMB	EMBEDDED/EMBEDMENT	ID	INSIDE DIAMETER	NIS	NOT TO SCALE	RO	ROUGH OPENING	TOW	TOP OF WALL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	CMU	CONCRETE MASONRY UNIT	ENG	ENGINEER	INSUL	INSULATION	OC	ON CENTER	SCHED	SCHEDULE/SCHEDULED	TRANS	TRANSVERSE
ASTM	ASTM INTERNATIONAL	COL	COLUMN	EOS	EDGE OF SLAB	INT	INTERIOR	OD	OUTSIDE DIAMETER	SDI	STEEL DECK INSTITUTE	TYP	TYPICAL
AWS	AMERICAN WELDING SOCIETY	CONC	CONCRETE	EPS	EXTRUDED POLYSTYRENE	JB	JOIST BEARING/JOIST BEARING ELEVATION	OPG(S)	OPENING/OPENINGS	SIM	SIMILAR	UNO	UNLESS NOTED OTHERWISE
BCX	BOTTOM CHORD EXTENSION	CONN	CONNECTION	EQ	EQUAL	JT	JOINT	OPP	OPPOSITE, OPPOSITE HAND	SJ	STEEL JOIST INSTITUTE	V	SHEAR FORCE
BF	BOTTOM FLANGE	CONST	CONSTRUCTION	EW	EACH WAY	K	KIP	ORIG	ORIGINAL	SPEC	SPECIFICATION/SPECIFICATIONS/SPECIFIED	VERT	VERTICAL
BLDG	BUILDING	CONT	CONTINUOUS	EXIST	EXISTING	KSF	KIPS PER SQUARE FOOT	PAF	POWDER ACTUATED FASTENER	SQ	SQUARE	VIF	VERIFY IN FIELD
BLK	BLOCK	COORD	COORDINATE	EXP	EXPANSION	LF	LINEAR/LINEAL FOOT	PL	PLUMBING	SS	STAINLESS STEEL	W/O	WITHOUT
BLKG	BLOCKING	CTR	CENTER	EXT	EXTERIOR/EXTERNAL	PLUMB	PLUMBING	PLYWD	PLYWOOD	SMA	STEEL STUD MANUFACTURER'S ASSOCIATION	WP	WORK POINT
BO	BOTTOM OF	DBL	DOUBLE	FDN	FOUNDATION	LLV	LONG LEG VERTICAL	PSF	POUNDS PER SQUARE FOOT	STD	STANDARD	WWF	WELDED WIRE FABRIC
BOS	BOTTOM OF STEEL	DEMO	DEMOLISH/DEMOLITION	FF	FINISHED FLOOR	LONG	LONGITUDINAL	PSI	POUNDS PER SQUARE INCH	STRUC	STRUCTURE		
BOT	BOTTOM	DIA	DIAMETER	FL	FLOOR/FLOORING	M	BENDING MOMENT						

**GENERAL**

- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT INDICATED.
- UNLESS NOTED OTHERWISE, ELEVATIONS ARE REFERENCED FROM +0'-0" DATUM AT THE FINISHED FLOOR ELEVATION 22.5' (SEE CIVIL DWGS).
- SECTIONS AND DETAILS ON DRAWINGS ARE TYPICAL FOR SIMILAR CONDITIONS.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, SHOP DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE STARTING WORK.
- DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED WORK.
- VERIFY MECHANICAL EQUIPMENT WEIGHTS, LOCATIONS AND ASSOCIATED OPENINGS WITH MECHANICAL CONTRACTOR. NOTIFY ENGINEER IF ACTUAL WEIGHT EXCEEDS THE DESIGN WEIGHT SHOWN ON THE DRAWINGS.
- FABRICATOR SHALL HIGHLIGHT PROPOSED CHANGES ON THE SHOP DRAWINGS WHICH DO NOT COMPLY WITH THE DESIGN DRAWINGS.
- GENERAL CONTRACTOR SHALL REVIEW SHOP DRAWINGS PRIOR TO SUBMITTAL.
- A RECORD SET OF SHOP DRAWINGS SHALL BE KEPT IN THE FIELD BY THE GENERAL CONTRACTOR.
- THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPORARY BRACING, SHORING, GUYING, ETC AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION.

**FOUNDATIONS AND SOILS**

- SITE WORK SHALL BE PERFORMED UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS TECHNICIAN.
- PREPARATION OF THE SITE, INCLUDING INITIAL UNDERCUTTING, PROOF ROLLING, FILL AND BACKFILL MATERIAL AND PLACEMENT, SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. COMPACTION OF STRUCTURAL FILL MATERIALS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, BUT NOT LESS THAN 95 PERCENT MODIFIED PROCTOR METHOD.
- FOUNDATIONS SHALL BE LOCATED AT ELEVATIONS SHOWN ON PLANS AND DETAILS. FOUNDATIONS AND SLABS-ON-GRADE SHALL BEAR ON SUB-BASE MATERIAL APPROVED BY THE GEOTECHNICAL CONSULTANT.
- FOOTINGS, OR PORTIONS THEREOF, MAY BE EARTH FORMED BY NEAR EXCAVATIONS IF SOIL CONDITIONS ALLOW.
- FOOTINGS SHALL BE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE.
- FOOTINGS ARE DESIGNED FOR THE ALLOWABLE SOIL BEARING PRESSURE SPECIFIED IN THE DESIGN LOADS AND CRITERIA SECTION OF THESE NOTES. IF ACTUAL CONDITIONS DO NOT MEET OR EXCEED THIS VALUE, REMEDIATE THE SOIL TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER OR CONTACT THE ENGINEER FOR A REANALYSIS/REDESIGN OF THE FOOTINGS.
- PROXIMITY OF UTILITY TRENCHES TO THE BUILDING FOUNDATION SYSTEM SHALL BE AS APPROVED BY THE GEOTECHNICAL CONSULTANT TO ENSURE THE INTEGRITY OF THE BEARING SOILS. THE RESULTING TOTAL LOAD SOIL PRESSURES FOR IN-SITU SOILS MAY NOT EXCEED THE ALLOWABLE BEARING PRESSURE. (SEE DESIGN LOADS AND CRITERIA, GEOTECHNICAL SECTION OF THESE NOTES.)

**CONCRETE**

- CONCRETE SHALL CONFORM TO THE FOLLOWING: WHERE MIN Fc IS THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS, AND MAX W/C IS THE MAXIMUM WATER-CEMENT-RATIO MATERIALS RATIO.

CONCRETE LOCATION/USE	MIN Fc	MAX W/C	AIR CONTENT
FOUNDATIONS	4000 PSI	0.50	-
FOUNDATION WALLS & PIERS	4000 PSI	0.50	-
INTERIOR SLABS-ON-GRADE	3000 PSI	0.50	NOT REQD: 3% OR LESS AT TROWELED FINISH
EXTERIOR CONCRETE	4000 PSI	0.50	-

- MAXIMUM SLUMP SHALL BE 5" EXCEPT WHERE PLASTICIZING ADMIXTURE IS USED PER MFR'S RECOMMENDATIONS. SEE SPECIFICATION FOR ADDITIONAL CONCRETE REQUIREMENTS.
- CONCRETE CONSTRUCTION SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PLACEMENT".
- PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR II.
- PORTLAND LIMESTONE CEMENT SHALL CONFORM TO ASTM C595, TYPE II.
- AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33. NOMINAL MAXIMUM SIZE OF COARSE AGGREGATE SHALL NOT EXCEED THE LESSER OF THE FOLLOWING:
  - ONE-FIFTH THE NARROWEST DIMENSION BETWEEN FORMS.
  - ONE-THIRD THE DEPTH OF SLABS.
  - THREE-FOURTHS THE MINIMUM SPECIFIED CLEAR SPACING BETWEEN REINFORCING BARS OR WIRES, BUNDLES OF BARS, PRESTRESSED REINFORCEMENT, INDIVIDUAL TENDONS, BUNDLED TENDONS, OR DUCTS.
- REINFORCEMENT SHALL BE DEFORMED BARS THAT MEET ASTM A615, GRADE 60.
- WELDED WIRE FABRIC (WWF) SHALL MEET ASTM A185 AND BE PROVIDED IN FLAT SHEETS ONLY.
- CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:

LOCATION	REINFORCEMENT SIZE	MIN COVER
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	ALL	3"
EXPOSED TO EARTH OR WEATHER	#6 THROUGH #18	2"
EXPOSED TO EARTH OR WEATHER	#5 AND SMALLER	1 1/2"

- REINFORCEMENT SHALL BE DETAILED, FABRICATED AND PLACED PER CRSI AND ACI STANDARDS, INCLUDING CONCRETE COVER AND BAR SUPPORTS. (DESIRED METHOD OF SUPPORTING TOP BARS IN THICK MATS SHALL BE VERIFIED WITH ENGINEER.) PROVIDE CORNER BARS AT FOOTINGS AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCEMENT IN SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS, EXTEND BARS TO FAR SIDE OF INTERSECTING FOOTING. LAP BARS AT SPLICES, INCLUDING CORNER BARS AND DOWELS, IN ACCORDANCE WITH REBAR LAP SCHEDULE. LAP W/WF B' OR ONE FULL MESH, WHICHEVER IS GREATER. SLAB REINFORCEMENT SHALL BE SUPPORTED AT MID-HEIGHT OF SLAB, AT NOT MORE THAN 4'-0" AND IN ACCORDANCE WITH CRSI MANUAL OF STANDARD PRACTICE.
- PROVIDE 2-#4, 4'-0" LONGER THAN OPENING DIMENSION ON ALL SIDES OF OPENING IN SLAB.
- ALUMINUM SHALL NOT BE EMBEDDED IN ANY CONCRETE.
- Holes or openings through footings are not permitted without engineer's approval.
- PROVIDE CLASS B TENSION LAP SPICE BETWEEN VERTICAL WALL REINFORCEMENT AND FOOTING DOWELS. DOWELS SHALL MATCH SIZE AND SPACING OF WALL REINFORCEMENT.
- WALL AND FOOTING REINFORCEMENT SHALL BE CONTINUOUS THROUGH PIERS AND COLUMN FOOTINGS.
- WHERE CONCRETE SLABS-ON-GRADE ABUT WALLS OR OTHER FIXED OBJECTS, PROVIDE 1/2" THICK PREMOLDED JOINT FILLER ISOLATION MATERIAL, WITH SEALANT PER ARCH.

**ANCHORS, DOWELS AND FASTENERS**

- ANCHORS, DOWELS, FASTENERS AND FASTENING SYSTEMS NOTED ON DRAWINGS SHALL BE INSTALLED PER CURRENT CODE REPORT AND PER MFR RECOMMENDATIONS.
- POST-INSTALLED ANCHORS AND DOWELS IN CONCRETE SHALL BE ADHERED USING HILTI HIT-HY 200 V3 (ESR-4868) OR SIMPSON SET-3G (ESR-4057)
- POST-INSTALLED ANCHORS AND DOWELS IN MASONRY SHALL BE ADHERED USING HILTI HIT-HY 270 (ESR-4143 AND ESR-4144)
- HILTI X-U (ESR-2269)
- SIMPSON TITEN (ESR-2713 AND ESR-1056)
- BOX BOLT (ESR-3217)
- HILTI KWIK-BOLT 3 (ESR-2302)

**STEEL**

- STRUCTURAL STEEL SHALL MEET THE LATEST AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
  - W SHAPES SHALL MEET ASTM A992, Fy = 50 KSI.
  - L, C, MC, M, AND S SHAPES, PLATES AND BARS SHALL MEET ASTM A36, Fy = 36 KSI.
  - HSS SHAPES SHALL MEET ASTM A500, GRADE C, Fy = 50 KSI RECT; Fy = 46 KSI ROUND; OR ASTM A1085, Fy = 50 KSI.
  - PIPES SHALL MEET ASTM A53, GRADE B, Fy = 35 KSI.
  - HP SHAPES SHALL MEET ASTM A572, GRADE 50, Fy = 50 KSI
  - ANCHOR RODS SHALL MEET ASTM F1554, GRADE 36.
  - BOLTS SHALL MEET ASTM A325 HIGH STRENGTH, WITH ASTM F436 WASHERS AND ASTM A563 NUTS AS REQUIRED, OR ASTM F1852 FOR TWIST-OFF-TYPE TENSION-CONTROLLED BOLTS. BOLTS FOR WOOD CONNECTIONS SHALL MEET ASTM A307 GRADE A. THREADED ROD SHALL MEET ASTM A36.
  - NUTS MAY NOT BE WELDED EXCEPT WHERE EXPLICITLY ALLOWED.
  - STEEL HEADED STUD ANCHORS SHALL MEET ASTM A108.
  - WELDING SHALL CONFORM TO THE STANDARDS SET FORTH IN AWS D1.1: STRUCTURAL WELDING CODE - STEEL. WELDS SHALL BE PREQUALIFIED OR TESTED AND QUALIFIED AS SET FORTH THEREIN.
  - WHERE CONNECTION DESIGNS ARE NOT GIVEN IN THESE DRAWINGS, AN EXPERIENCED STEEL DETAILER SHALL SELECT AND DETAIL SIMPLE SHEAR CONNECTIONS IN ACCORDANCE WITH THE AISC STEEL CONSTRUCTION MANUAL, PROVIDING THE ASD REQD STRENGTH TABULATED BELOW. USE THE NEXT LARGER DEPTH FOR DEPTHS NOT LISTED. CONNECTION DEPTH SHALL BE AT LEAST HALF OF THE BEAM DEPTH. BOLTED CONNECTIONS, IF SELECTED, SHALL NOT USE LESS THAN THE NUMBER OF BOLT ROWS TABULATED BELOW AND THE DISTANCE FROM SUPPORTING MEMBER TO CENTERLINE OF BOLTS SHALL NOT EXCEED 3 INCHES.
- | NOMINAL DEPTH | 10"     | 14"     | 16"     | 18"     | 21"     | 24"     | 27"     | 30"     |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| REQD STRENGTH | 16 KIPS | 25 KIPS | 42 KIPS | 53 KIPS | 63 KIPS | 74 KIPS | 84 KIPS | 95 KIPS |
| BOLT ROWS     | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
- FIELD AND SHOP WELDED CONNECTIONS SHALL USE 1/4" FILLET WELDS MINIMUM UNO.
  - FIELD WELDS SHALL USE E70XX ELECTRODES.
  - ERECTION DRAWINGS SHALL SHOW ALL FIELD WELDS REQUIRED.
  - UNLESS NOTED OTHERWISE, COLUMNS SHALL HAVE 1/4" THICK CAP PLATES.
  - STEEL NOTED AS GALVANIZED SHALL BE HOT-DIP GALVANIZED AND MEET THE REQUIREMENTS OF ASTM A123.

**JOISTS**

- FABRICATE AND ERECT STEEL JOISTS AND JOIST GIRDERS, AND PROVIDE BRIDGING PER SJI RECOMMENDATIONS.
- JOISTS AT OR NEAREST TO CENTERLINES OF COLUMNS SHALL HAVE BOLTED CONNECTIONS FOR ERECTION.
- WELD JOIST AND JOIST GIRDER SEATS TO SUPPORTING STEEL WITH SJI MINIMUM WELDS.
- SEE TYPICAL JOIST REINFORCEMENT AT CONCENTRATED LOAD' DETAIL FOR THE SUSPENSION OF ANY MISCELLANEOUS ITEMS FROM THE JOISTS.
- CAMBER JOISTS IN ACCORDANCE WITH SJI CRITERIA.
- JOISTS SHALL BE DESIGNED FOR THE NET UPLIFT LOAD NOTED IN THE DESIGN LOADS AND CRITERIA-WIND DESIGN SECTION OF THESE NOTES.
- JOIST WEB CONFIGURATIONS SHOWN ARE SCHEMATIC ONLY.
- GC SHALL ENSURE JOIST AND JOIST GIRDER TAGS ARE SECURED TO JOIST AND CONCEALED FROM VIEW PRIOR TO PAINTING.
- THE GC SHALL ENSURE COORDINATION BETWEEN THE JOIST MANUFACTURER AND THE STEEL FABRICATOR, ESPECIALLY FOR, BUT NOT LIMITED TO, BOLT GAGE AT JOIST SEAT CONNECTIONS.
- OSHA REQUIRED BOLTS FOR JOIST & JOIST GIRDER ATTACHMENTS SHALL BE THE RESPONSIBILITY OF THE GC.

**STEEL ROOF DECK**

- SEE ROOF FRAMING PLAN FOR DECK PROFILE AND GAGE REQUIREMENTS. ERECT PER MANUFACTURER'S SPECIFICATIONS.
- STEEL DECK SHALL BE CONTINUOUS OVER A MINIMUM OF 3 SUPPORTS.
- ATTACH STEEL DECK PER TYPICAL ROOF DECK FASTENING DETAIL'.
- SEE TYPICAL DETAIL AT ROOF OPENINGS'.

**COLD-FORMED METAL FRAMING**

- STUDS AND COMPONENTS SHALL COMPLY WITH THE AISI "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND THE SSMA "PRODUCT TECHNICAL GUIDE" (ESR-3064F).
- COLD-FORMED FRAMING MEMBERS SHALL HAVE MIN G60 COATING AND MEET ASTM A1003, GRADE 50 TYPE H (Fy = 50 KSI), EXCEPT MEMBERS OF 18 GAGE AND LIGHTER MAY MEET A1003, GRADE 33 TYPE H (Fy = 33 KSI) UNLESS SPECIFIED OTHERWISE.
- FRAMING COMPONENTS MAY BE PREFABRICATED INTO ASSEMBLIES BEFORE ERECTION. FABRICATE PANELS PLUMB, SQUARE, TRUE TO LINE, AND BRACED AGAINST RACKING WITH JOISTS WELDED. PERFORM LIFTING OF UNITS TO PREVENT DAMAGE OR DISTORTION.
- FABRICATE UNITS TO MAXIMUM ALLOWABLE TOLERANCE VARIATION FROM PLUMB, LEVEL, AND TRUE TO LINE OF 1/8" IN 10 FEET.
- CUT FRAMING MEMBERS BY SAWING OR SHEARING. DO NOT TORCH CUT.
- PROVIDED TEMPORARY BRACING AND LEAVE IN PLACE UNTIL FRAMING IS PERMANENTLY STABILIZED.

**MASONRY**

- HOLLOW CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, NORMALWEIGHT, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI ON THE NET AREA (fm = 2000 PSI).
- MORTAR FOR USE IN MASONRY SHALL MEET ASTM C270, TYPE S.
- GROUT FOR USE IN MASONRY SHALL MEET ASTM C476, MIN 2000 PSI AND NOT LESS THAN A 6-1/2" SACK MIX.
- REINFORCING BARS SHALL MEET ASTM A615, GRADE 60.
- PROVIDE AT LEAST 2 VERTICAL BARS AT EACH END, CORNERS, AND INTERSECTIONS OF WALLS. SEE WALL SECTIONS FOR TYPICAL VERTICAL REINFORCEMENT.
- CMU SHALL BE LAID IN RUNNING BOND PATTERN.
- VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS AND LAPPED PER REBAR LAP SCHEDULE.
- PROVIDE STANDARD GAGE TRUSS TYPE OR LADDER-TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" OC MAX.
- HOLD VERTICAL BARS STRAIGHT, TRUE, AND ACCURATE IN WALLS AS DETAILED. INSTALL REBAR POSITIONERS @ 4'-0" OC MAX AND ENSURE REBAR IS HELD IN PROPER LOCATION WITHIN THE CELL.
- REINFORCEMENT, REBAR POSITIONERS, AND TIES SHALL BE PLACED PRIOR TO GROUTING.
- REINFORCED MASONRY COLUMN AND WALL SECTIONS REQUIRE DOWELS FROM FOOTING, SAME SIZE AND QUANTITY AS VERTICAL REINFORCEMENT IN COLUMN OR WALL UNLESS NOTED OTHERWISE.
- SOLID GROUT WALL CELLS BELOW GRADE. FILL JOINTS BETWEEN WYTHES BELOW GRADE.
- GROUT ALL REINFORCED CELLS. PROVIDE A MINIMUM OF 1/2" GROUT BETWEEN REINFORCEMENT AND MASONRY UNITS.
- GROUT PLACEMENT SHALL CONFORM TO TMS 602; HOWEVER, THE MAXIMUM GROUT POUR HEIGHT SHALL NOT EXCEED 8 FEET AND THE MAXIMUM HEIGHT WHICH GROUT IS PLACED IN ONE CONTINUOUS OPERATION (GROUT LIFT) SHALL NOT EXCEED 4 FEET. THERE SHALL BE A MINIMUM OF 1 HOUR SETTING TIME BETWEEN EACH GROUT LIFT.
- PLACE INTERMEDIATE LIFTS TO 1" BELOW THE BED JOINT.
- CLEANOUTS SHALL BE CONSTRUCTED ADJACENT TO EACH VERTICAL BAR IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR HEIGHT THAT EXCEEDS 5 FEET. CONSTRUCT CLEANOUTS WITH AN OPENING OF SUFFICIENT SIZE TO PERMIT REMOVAL OF DEBRIS, BUT NOT LESS THAN 3" DIMENSION. AFTER CLEANING, CLOSE CLEANOUTS WITH CLOSURES BRACED TO RESIST GROUT PRESSURE. CLEANOUTS SHALL BE LOCATED ON WALL FACE NOT EXPOSED TO VIEW.

**STRUCTURAL SHOP DRAWING AND DELEGATED DESIGN SUBMITTALS**

- THE GENERAL CONTRACTOR SHALL SUBMIT COMPLETE & DETAILED SHOP DRAWINGS FOR THE FOLLOWING STRUCTURAL MATERIALS:
  - ANCHOR BOLT LAYOUTS
  - STRUCTURAL STEEL
  - JOIST & STEEL ROOF DECK
  - FOUNDATION REINFORCING STEEL
  - CONCRETE MIX DESIGNS
- STRUCTURAL SUBMITTALS SHALL BEAR THE REVIEW STAMP OF THE GENERAL CONTRACTOR. UNSTAMPED SUBMITTALS WILL BE REJECTED WITHOUT REVIEW.
- SUBMITTALS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE ENGINEER OF RECORD & NOT SPECIFIED IN THE CONSTRUCTION DOCUMENTS SHALL BE SIGNED & SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT. COMPONENTS INCLUDE BUT ARE NOT LIMITED TO: PRE-ENGINEERED TRUSSES, AWNINGS & ANY OTHER ITEM THAT IS DESIGNATED AS "DESIGNED BY OTHERS" OR "PRE-ENGINEERED". THESE SUBMITTALS MAY NOT BE USED UNLESS THEY HAVE BEEN REVIEWED BY THE PROJECT ARCHITECT OR ENGINEER OF RECORD.
- ARCHITECT TO THE ENGINEER OF RECORD SHALL ADHERE TO THE FOLLOWING GUIDELINES OR THEY WILL BE REJECTED & RETURNED TO SENDER UNCHECKED:
  - SUBMITTALS SHALL CLEARLY INDICATE THE LATEST ISSUE DATE/REVISION DATE FROM THE REFERENCED STRUCTURAL DRAWINGS.
  - PARTIAL SUBMITTALS WILL NOT BE REVIEWED.
  - DETAILER SHALL COORDINATE WITH ARCHITECTURAL & MECHANICAL DRAWINGS FOR ALL ATTACHMENTS, CLIPS, OPENINGS OR DUCTWORK AFFECTING STRUCTURAL MEMBERS. SUCH ITEMS SHALL BE SHOWN ON THE SUBMITTALS.
  - DIMENSIONAL COORDINATION SHALL BE PERFORMED BY THE GENERAL CONTRACTOR AND/OR HIS FABRICATOR.
  - PROPOSED CHANGES TO THE CONSTRUCTION DOCUMENTS SHALL BE CLEARLY MARKED IN THE SUBMITTALS & SHALL INCLUDE SIGNED & SEALED DRAWINGS & CALCULATIONS BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. THE ENGINEER OF RECORD WILL REVIEW THE PROPOSED CHANGE FOR ACCEPTANCE.
  - COPIES OF APPROVED SUBMITTALS SHALL BE AVAILABLE AT THE JOBSITE AT ALL TIMES.

**S**

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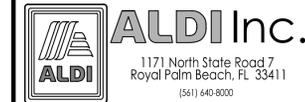
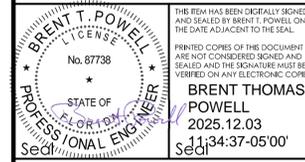
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PROJECT ARCHITECT/ENGINEER  
 Brent T. Powell, PE

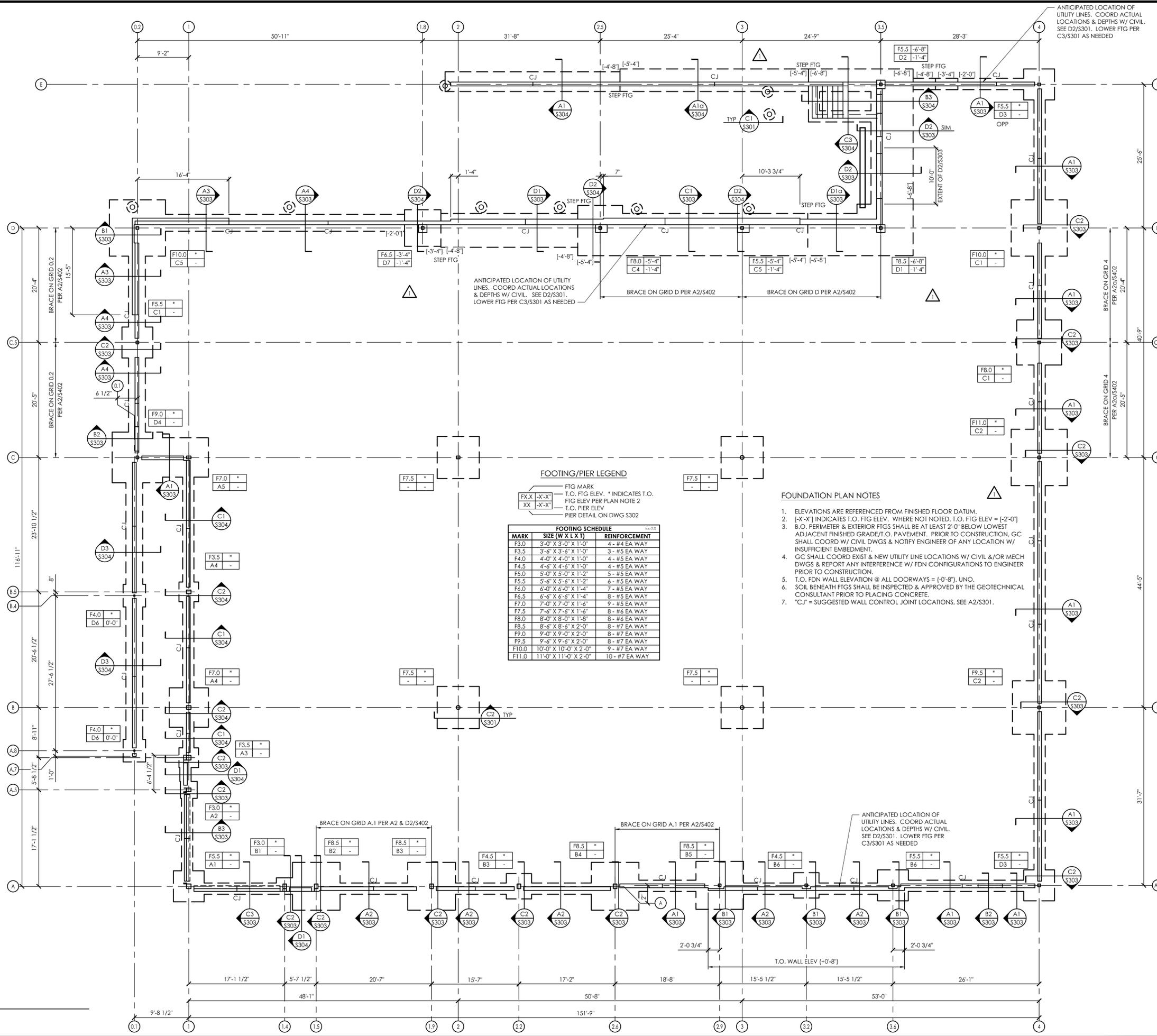
PROJECT LEAD  
 John Lynch



ALDI Inc. Store #: 50  
 Coconut Crossing, FL  
 12850 Northlake Boulevard  
 Palm Beach Gardens, FL 33412  
 Palm Beach County  
 Project Name & Location:

**Foundation Plan**

Drawing Name:	Project No.
Prototype: V7.08 LHRD	22-0267A
Type: GROUND UP	
Drawn By: XS	S-101
Scale: As Noted	Drawing No.



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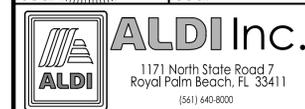
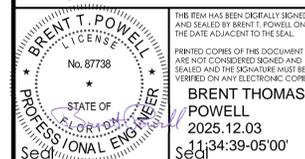
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PROJECT ARCHITECT/ENGINEER  
 Brent T. Powell, PE

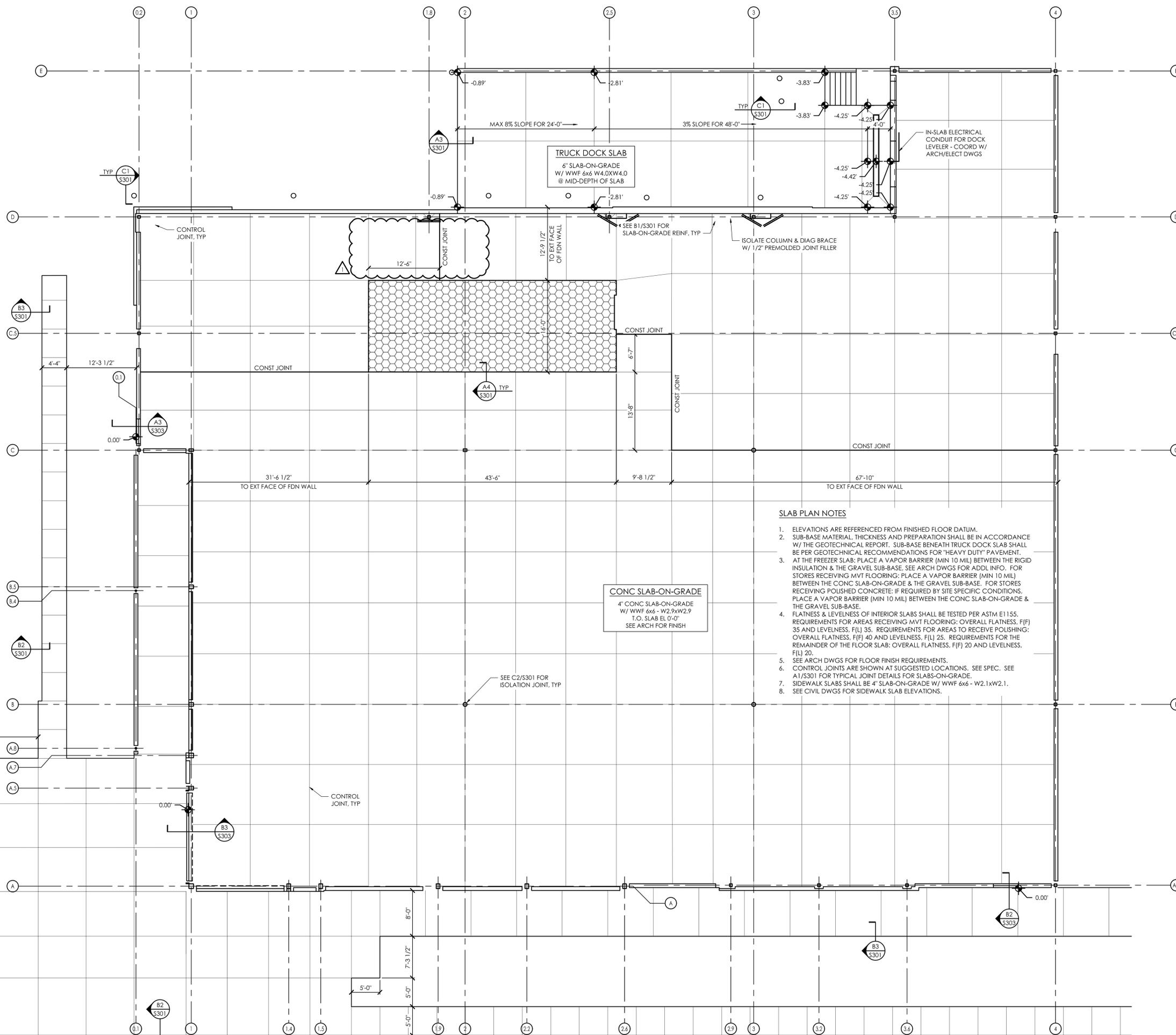
PROJECT LEAD  
 John Lynch



ALDI Inc. Store #: 50  
 Coconut Crossing, FL  
 12850 Northlake Boulevard  
 Palm Beach Gardens, FL 33412  
 Palm Beach County  
 Project Name & Location:

**Slab Plan**

Drawing Name:	Project No.
Prototype: V7.08 LHRD	22-0267A
Type: GROUND UP	S-102
Drawn By: XS	Drawing No.
Scale: As Noted	





Drawing Alteration

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PROJECT ARCHITECT/ENGINEER  
Brent T. Powell, PE  
PROJECT LEAD  
John Lynch

**BRENT T. POWELL**  
No. 87738  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
Seal 134:41-05'00'

THE ITEM HAS BEEN CAREFULLY SIGNED AND SEALED BY BRENT T. POWELL ON THE DATE ADJACENT TO THE SEAL.  
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**BRENT THOMAS POWELL**  
2025.12.03  
Seal 134:41-05'00'

**ALDI Inc.**  
1171 North State Road 7  
Royal Palm Beach, FL 33411  
(561) 640-8000

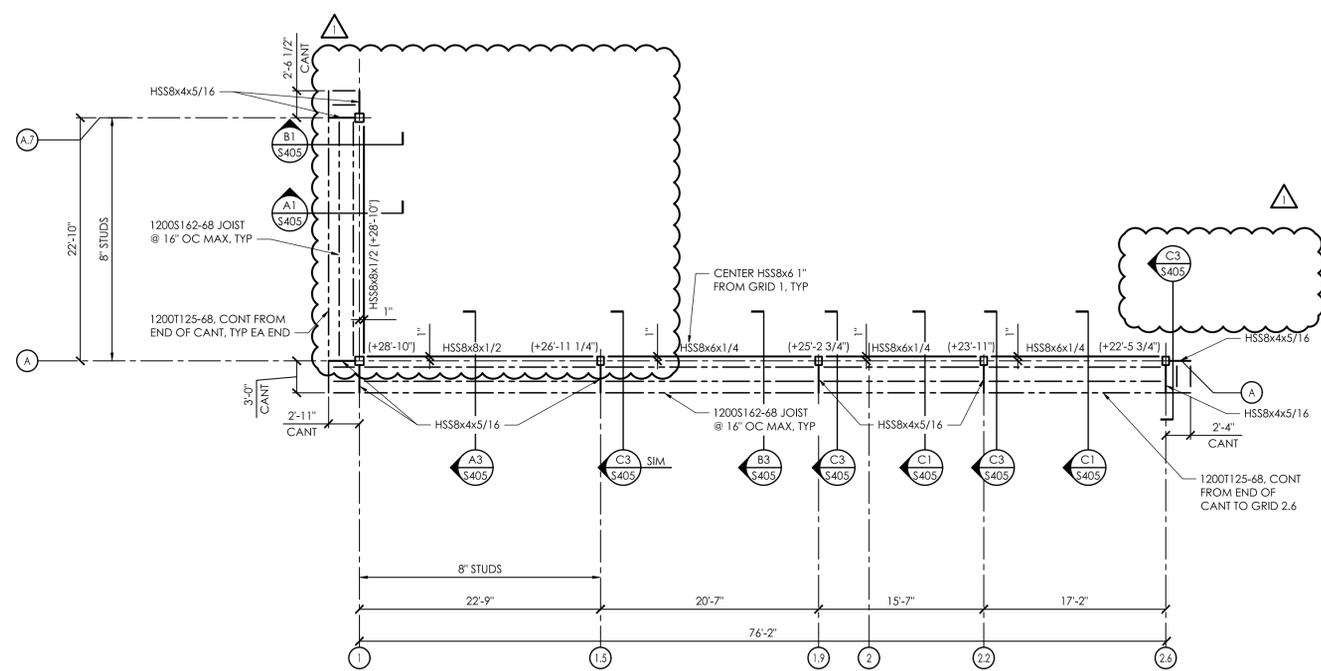
ALDI Inc. Store #: 50  
Coconut Crossing, FL  
12850 Northlake Boulevard  
Palm Beach Gardens, FL 33412  
Palm Beach County  
Project Name & Location:

High Roof & Canopy Framing Plans  
Drawing Name:

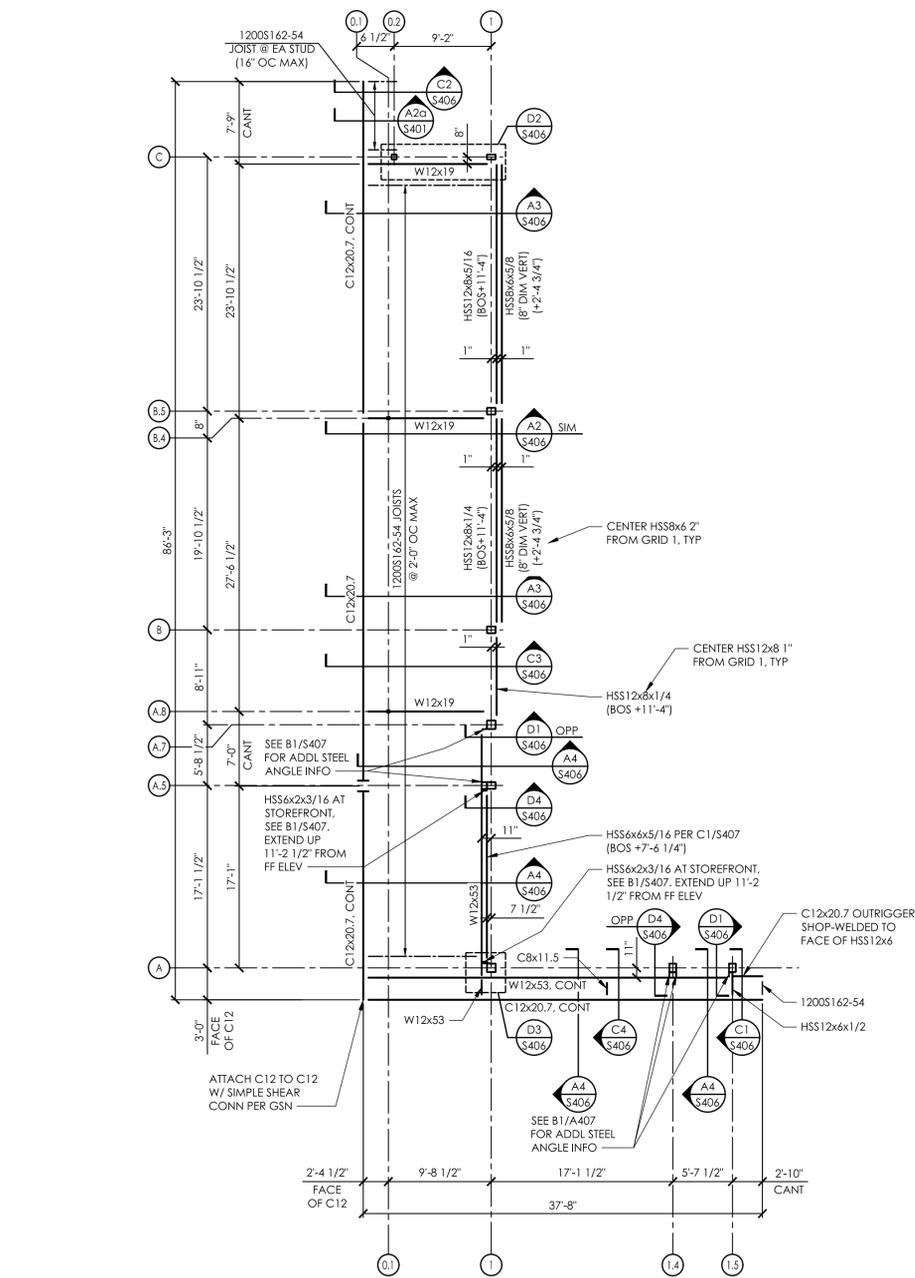
Prototype:	Project No.
V7.08 LHRD	22-0267A
Type:	
GROUND UP	
Drawn By:	
XS	
Scale:	
As Noted	Drawing No.
	S-112

HIGH ROOF & CANOPY FRAMING PLAN NOTES

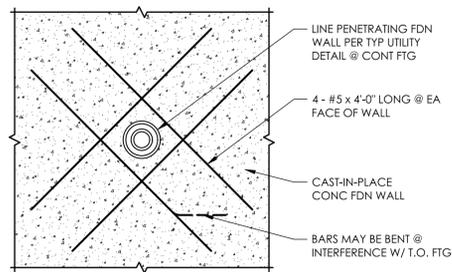
1. TYP CANOPY DECK AND HIGH ROOF DECK SHALL BE 3/4" APA RATED CDX SHEATHING (SEE ALSO ARCH) W/ FASTENER @ 4" OC EDGES & @ STRUCTURAL STEEL & 12" OC FIELD. FASTENERS TO COLD-FORMED STEEL SHALL BE #10 SCREWS. FASTENERS TO STRUCTURAL STEEL SHALL BE #10 SCREWS OR HILTI X-U PAF.
2. GC SHALL COORDINATE CANOPY FRAMING W/ RECESSED LIGHT FIXTURES. SEE ELECTRICAL DWGS FOR ADDL INFO.
3. SEE ALSO ROOF FRAMING PLAN NOTES ON S111.



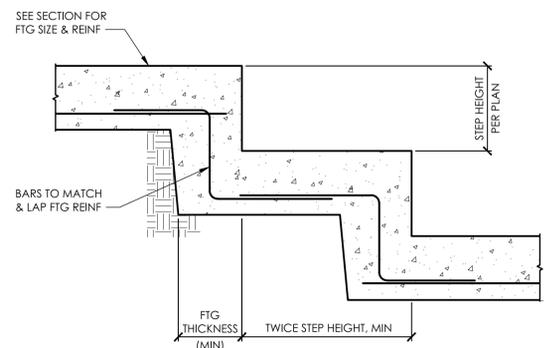
D1 High Roof Framing Plan  
SCALE: 1/8" = 1'-0"



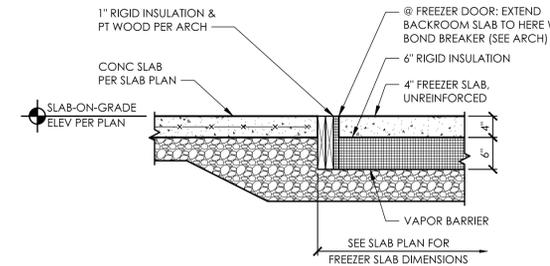
A1 Canopy Framing Plan  
SCALE: 1/8" = 1'-0"  
TOS = (+12'-4") UNO



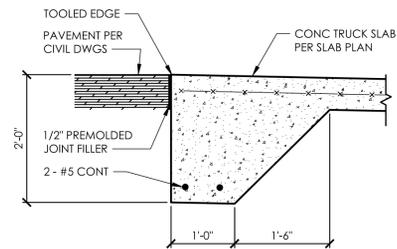
**D3** Typical Concrete Wall Reinforcement at Penetrations  
NO SCALE



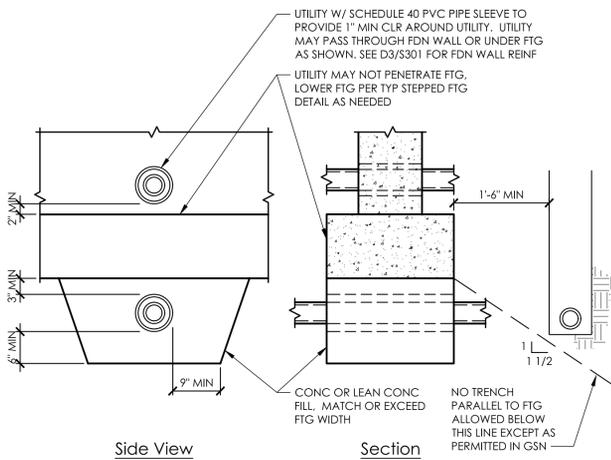
**C3** Typical Stepped Footing  
NO SCALE



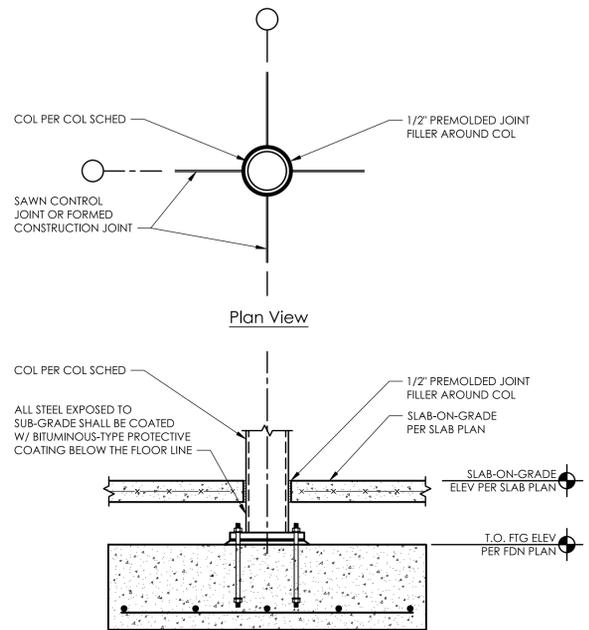
**A4** Section at Freezer Slab  
SCALE: 3/4" = 1'-0"



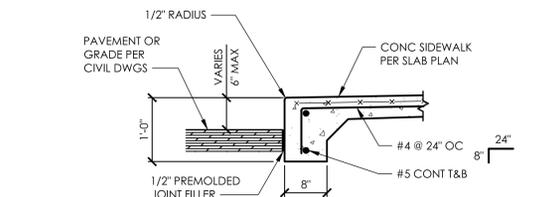
**A3** Section  
SCALE: 3/4" = 1'-0"



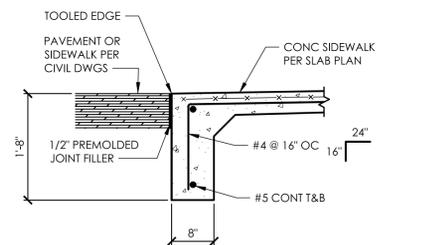
**D2** Typical Continuous Footing at Utility  
NO SCALE



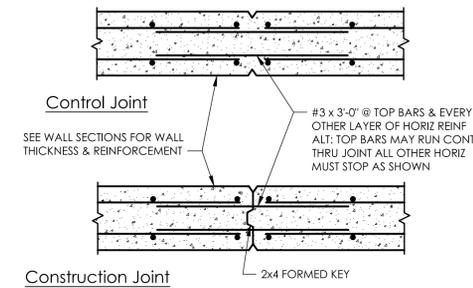
**C2** Typical Interior Column Footing  
NO SCALE



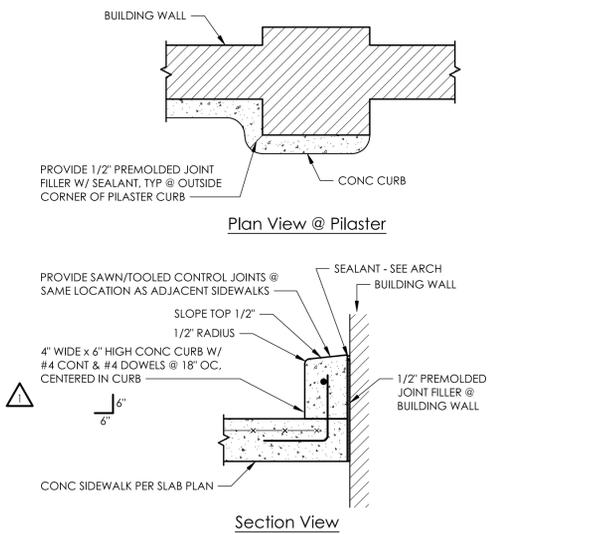
**B3** Section  
SCALE: 3/4" = 1'-0"



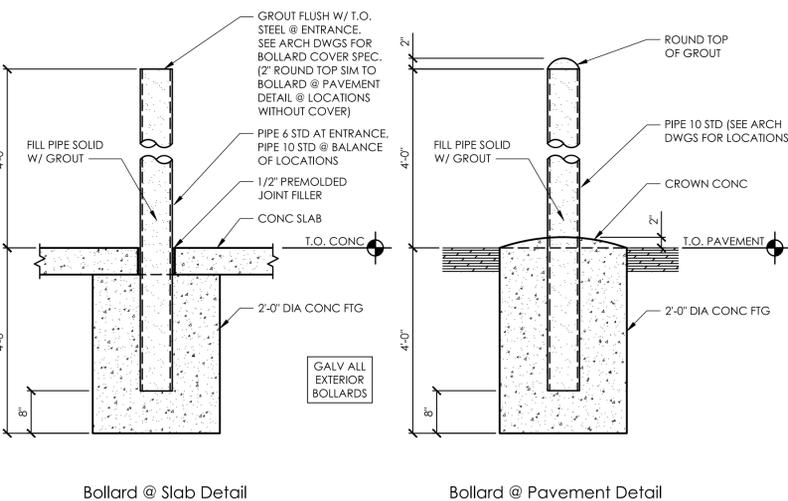
**B2** Section  
SCALE: 3/4" = 1'-0"



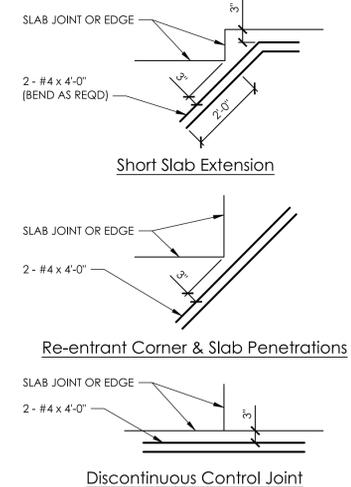
**A2** Typical Concrete Wall Joints  
NO SCALE



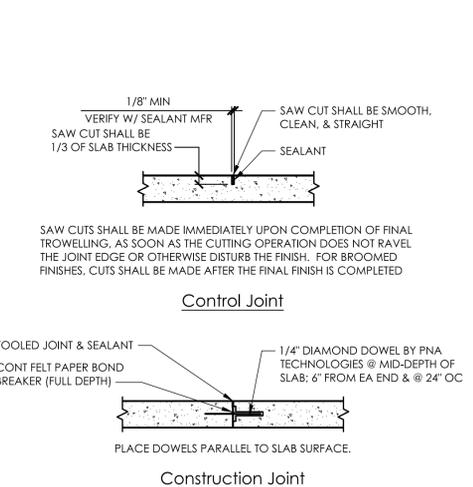
**D1** Typical Concrete Cart Bumper  
NO SCALE



**C1** Typical Steel Bollards  
SCALE: 3/4" = 1'-0"



**B1** Supplemental Slab-on-Grade Reinf  
NO SCALE



**A1** Typical Slab-on-Grade Joints  
NO SCALE

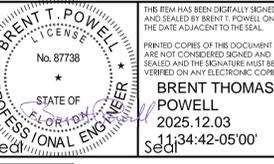
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PROJECT ARCHITECT/ENGINEER  
Brent T. Powell, PE  
PROJECT LEAD  
John Lynch



ALDI Inc. Store #: 50  
Coconut Crossing, FL  
12850 Northlake Boulevard  
Palm Beach Gardens, FL 33412  
Palm Beach County  
Project Name & Location:

Foundation Details	
Drawing Name:	
Prototype:	Project No.
V7.08 LHRD	22-0267A
Type:	
GROUND UP	
Drawn By:	
XS	
Scale:	
As Noted	Drawing No.
	S-301

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PROJECT ARCHITECT/ENGINEER  
 Brent T. Powell, PE

PROJECT LEAD  
 John Lynch

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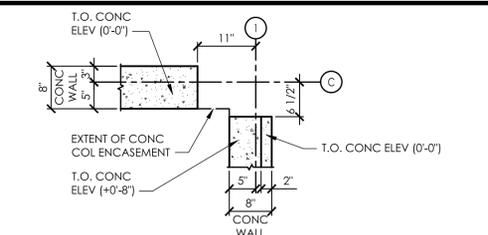
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**BRENT THOMAS POWELL**  
 2025.12.03  
 Seal: 34:44-05'00"

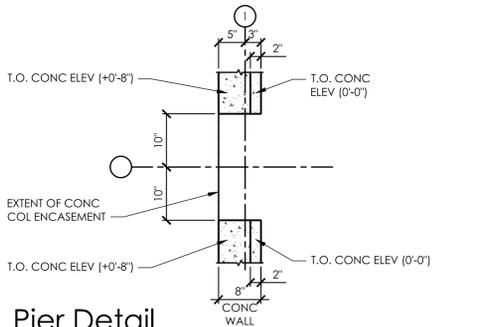
**ALDI Inc.**  
 1171 North State Road 7  
 Royal Palm Beach, FL 33411  
 (561) 640-8000

ALDI Inc. Store #: 50  
 Coconut Crossing, FL  
 12850 Northlake Boulevard  
 Palm Beach Gardens, FL 33412  
 Palm Beach County  
 Project Name & Location:

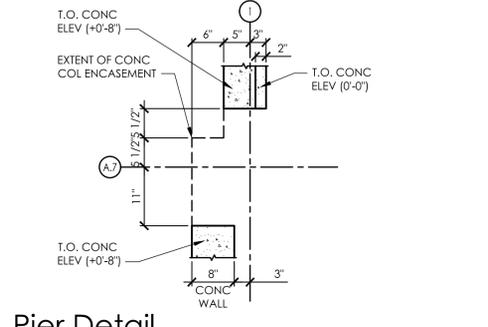
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Drawn By:	
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Scale:	
As Noted	Drawing No.
	S-302



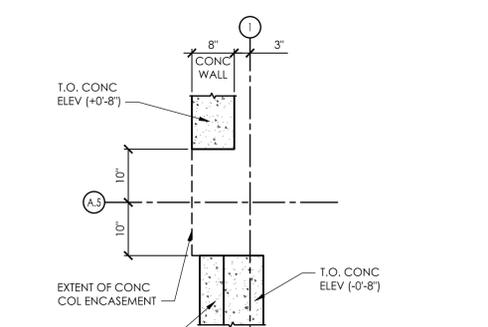
**A5 Pier Detail**  
 SCALE: 3/4" = 1'-0"



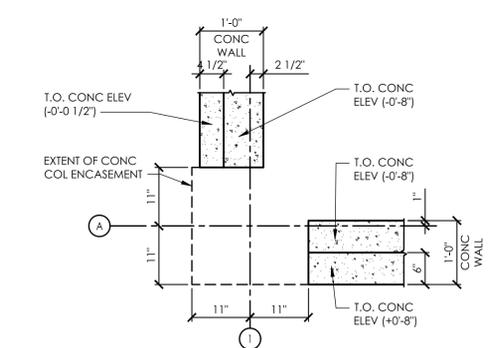
**A4 Pier Detail**  
 SCALE: 3/4" = 1'-0"



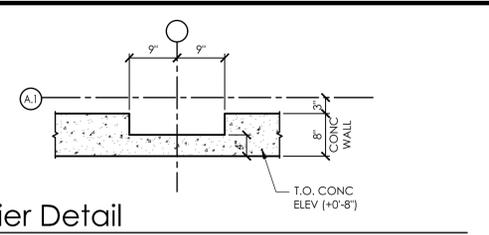
**A3 Pier Detail**  
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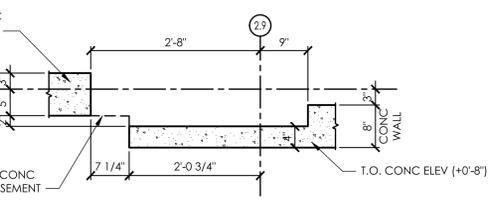
**A2 Pier Detail**  
 SCALE: 3/4" = 1'-0"



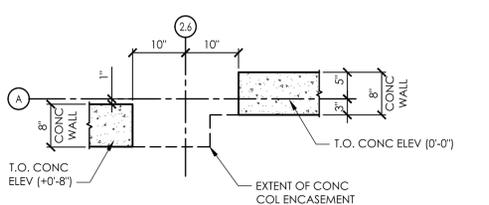
**A1 Pier Detail**  
 SCALE: 3/4" = 1'-0"



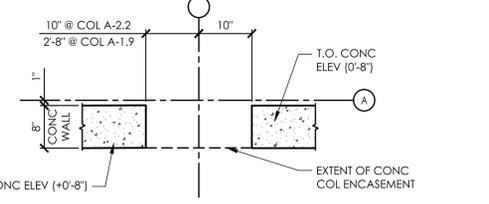
**B6 Pier Detail**  
 SCALE: 3/4" = 1'-0"



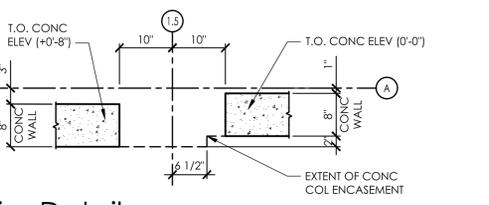
**B5 Pier Detail**  
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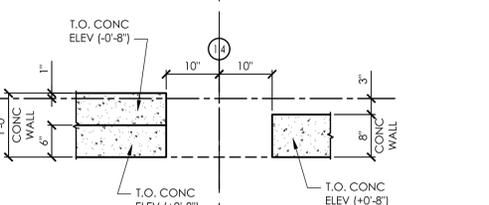
**B4 Pier Detail**  
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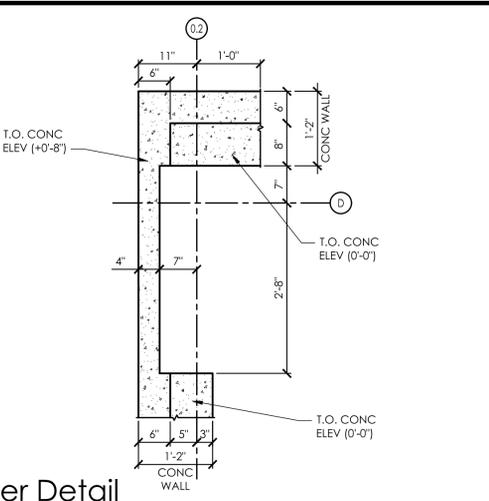
**B3 Pier Detail**  
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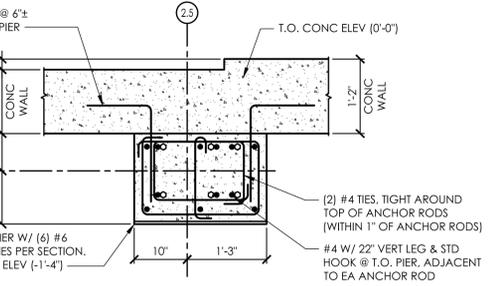
**B2 Pier Detail**  
 SCALE: 3/4" = 1'-0"



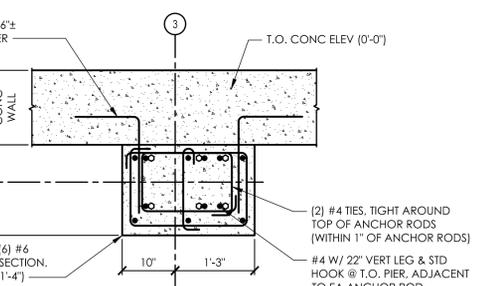
**B1 Pier Detail**  
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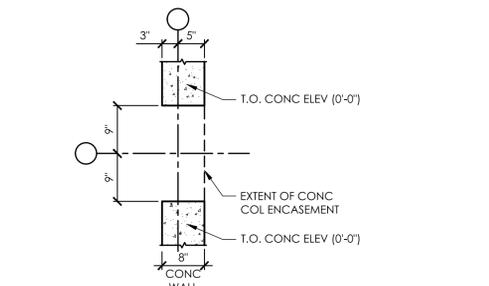
**C5 Pier Detail**  
 SCALE: 3/4" = 1'-0"



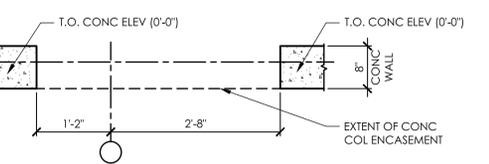
**C4 Pier Detail**  
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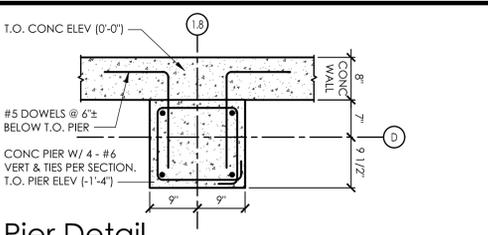
**C3 Pier Detail**  
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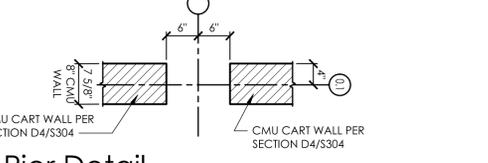
**C2 Pier Detail**  
 SCALE: 3/4" = 1'-0"



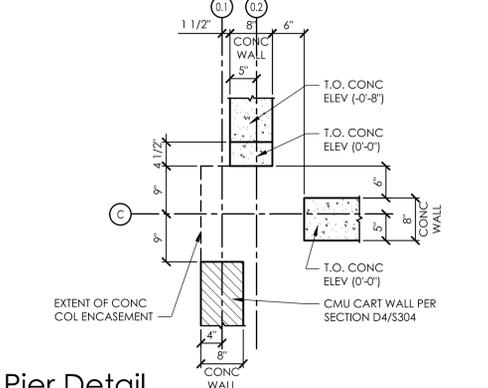
**C1 Pier Detail**  
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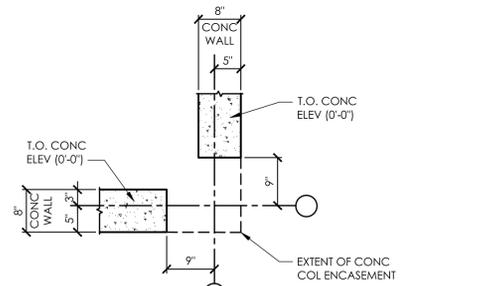
**D7 Pier Detail**  
 SCALE: 3/4" = 1'-0"



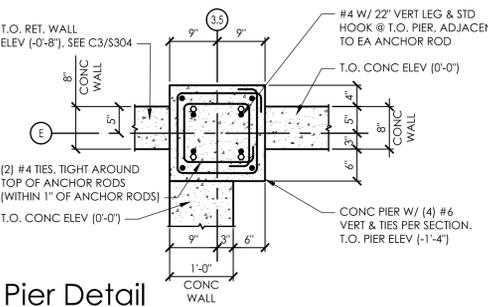
**D6 Pier Detail**  
 SCALE: 3/4" = 1'-0"



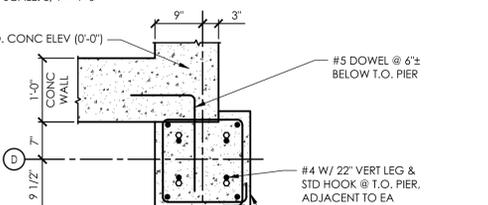
**D4 Pier Detail**  
 SCALE: 3/4" = 1'-0"



**D3 Pier Detail**  
 SCALE: 3/4" = 1'-0"



**D2 Pier Detail**  
 SCALE: 3/4" = 1'-0"



**D1 Pier Detail**  
 SCALE: 3/4" = 1'-0"

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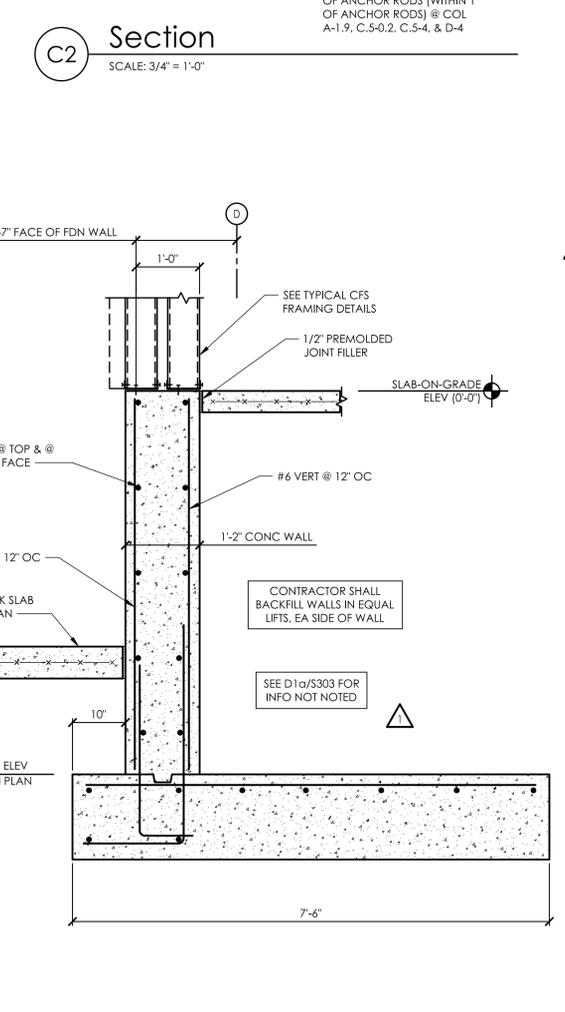
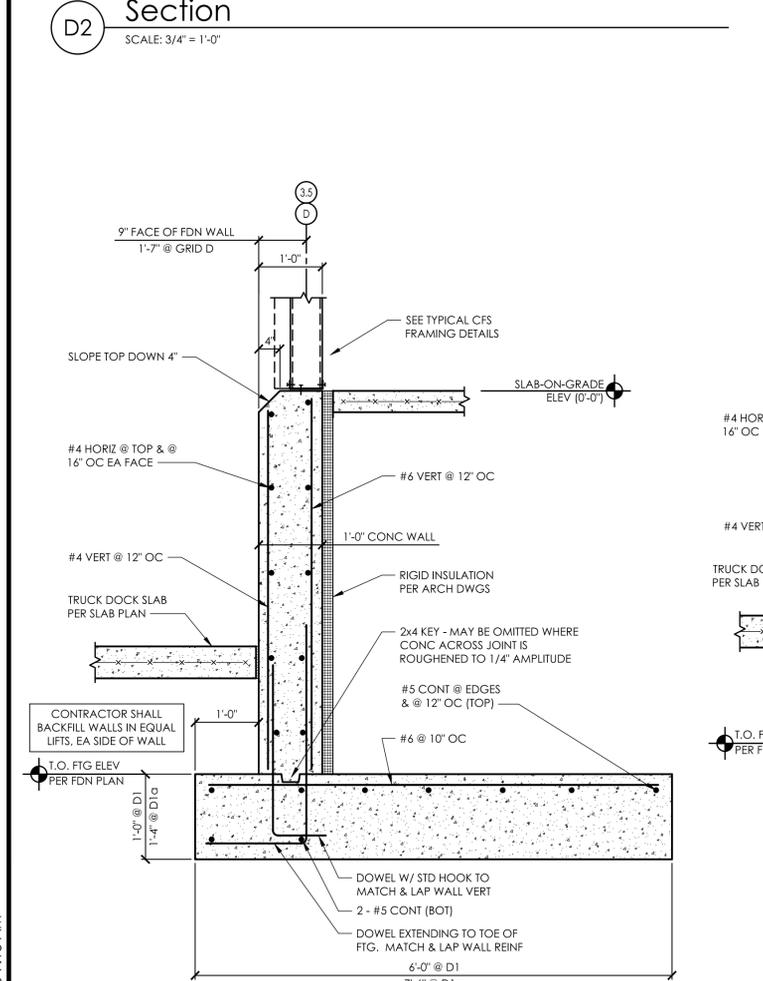
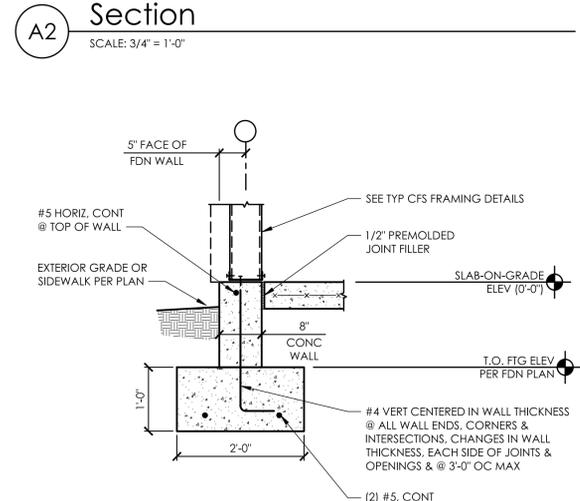
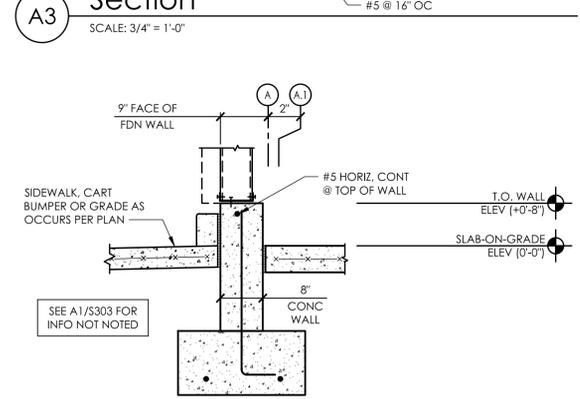
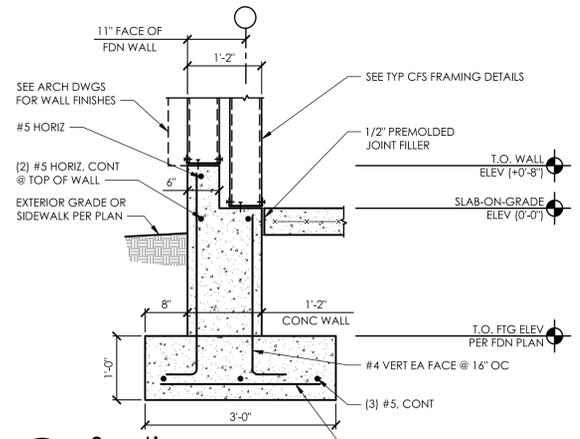
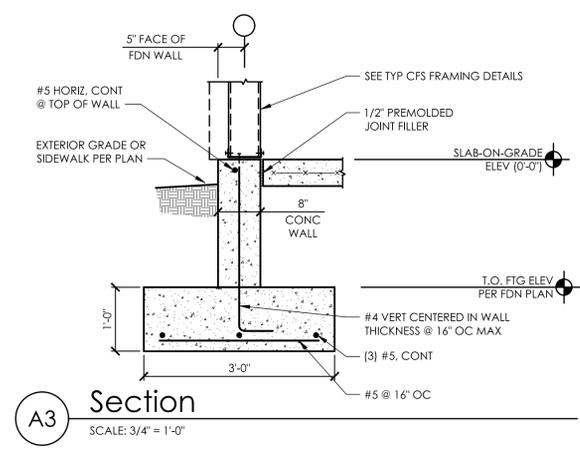
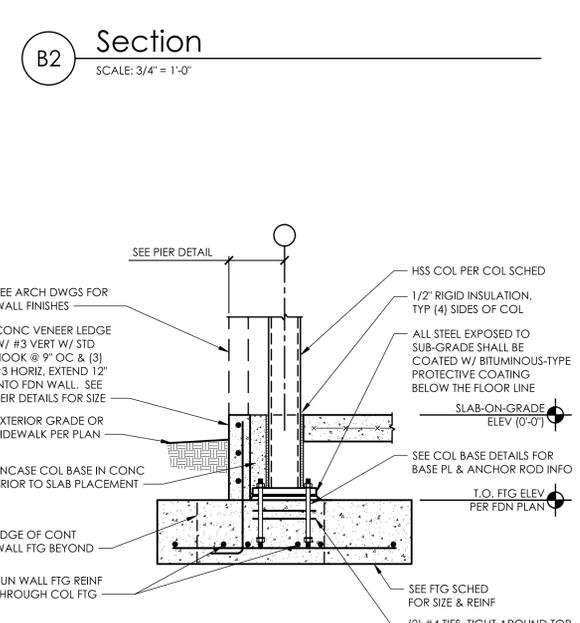
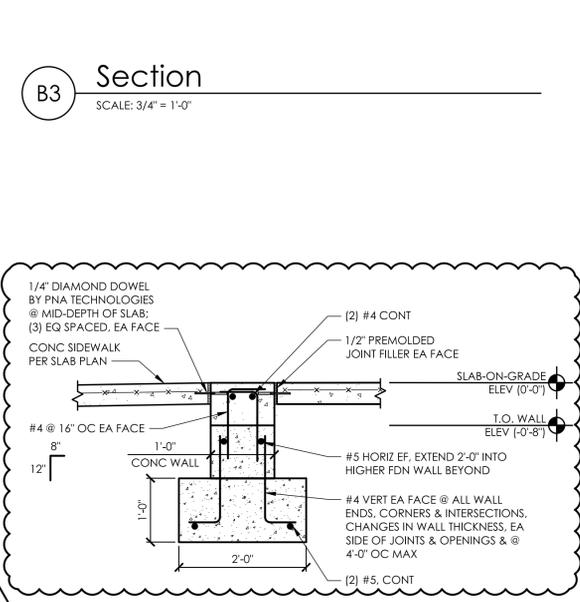
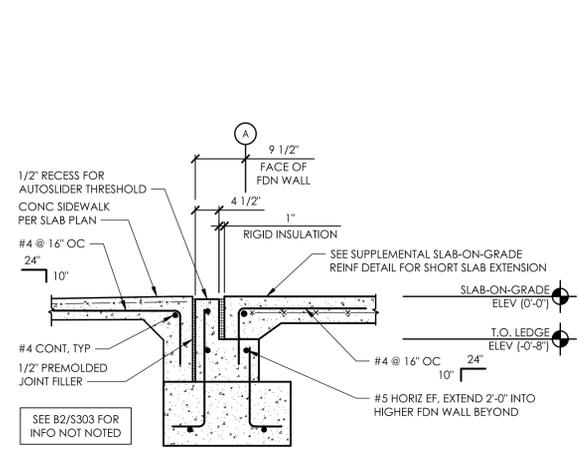
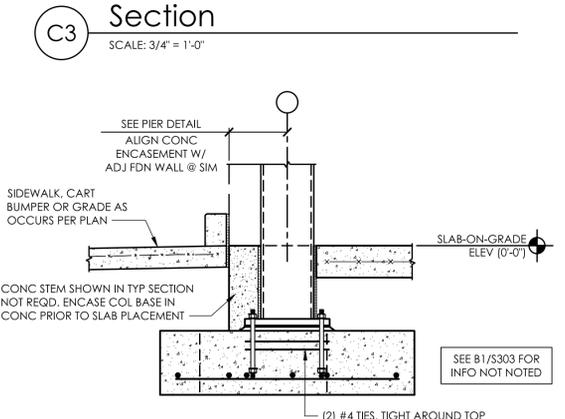
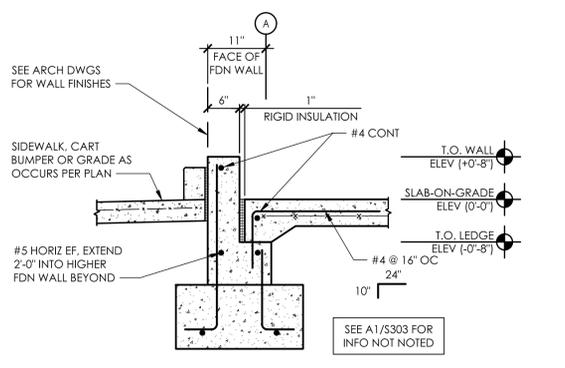
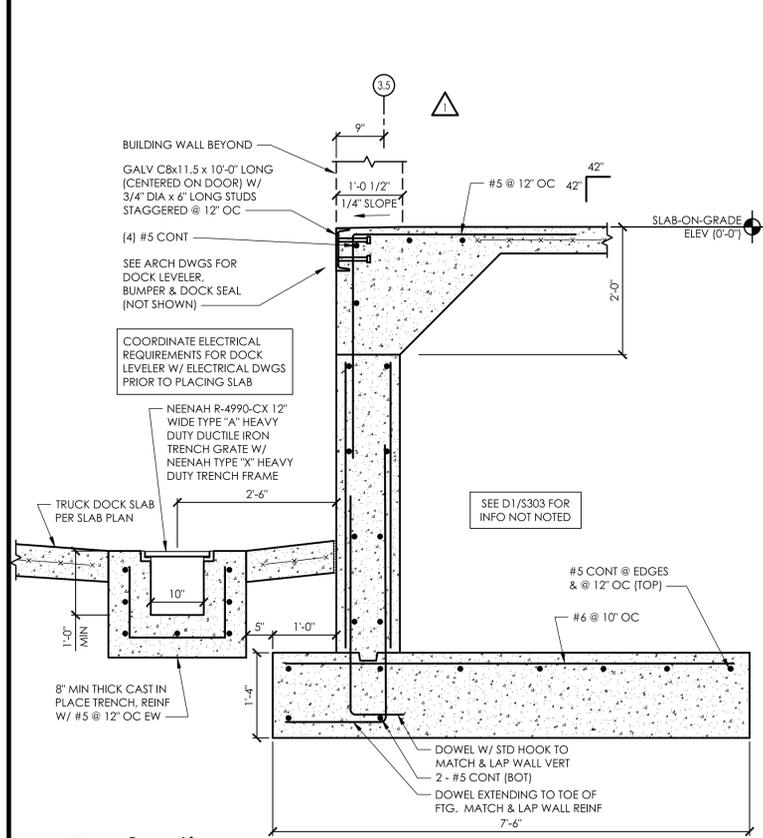
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PROJECT ARCHITECT/ENGINEER  
 Brent T. Powell, PE  
 PROJECT LEAD  
 John Lynch  
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 BRENT T. POWELL  
 No. 87738  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 BRENT THOMAS POWELL  
 2025.12.03  
 Seal 34-45-05'00"

**ALDI Inc.**  
 1171 North State Road 7  
 Royal Palm Beach, FL 33411  
 (561) 640-8000

ALDI Inc. Store #: 50  
 Coconut Crossing, FL  
 12850 Northlake Boulevard  
 Palm Beach Gardens, FL 33412  
 Palm Beach County  
 Project Name & Location:

Foundation Details	
Drawing Name:	
Prototype:	Project No.
V7.08 LHRD	22-0267A
Type:	
GROUND UP	
Drawn By:	
XS	
Scale:	S-303
As Noted	Drawing No.



**D1 D1a Section**  
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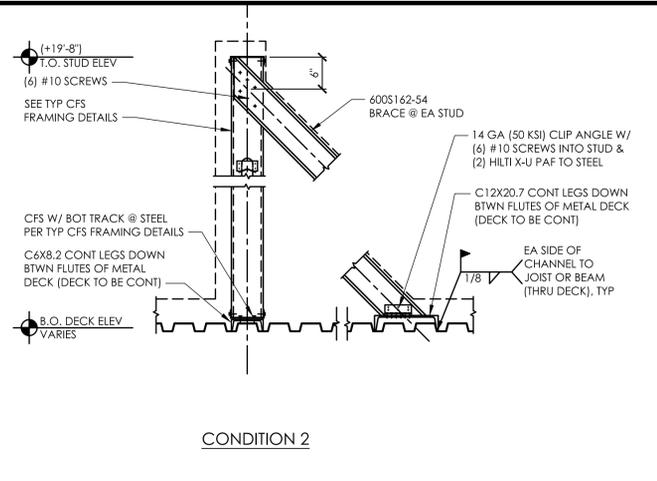
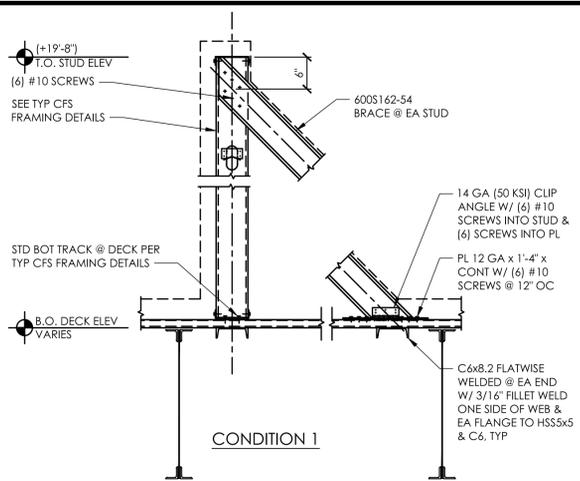
**C1 Section**  
 SCALE: 3/4" = 1'-0"

**B1 Section**  
 SCALE: 3/4" = 1'-0"

**A1 Section**  
 SCALE: 3/4" = 1'-0"

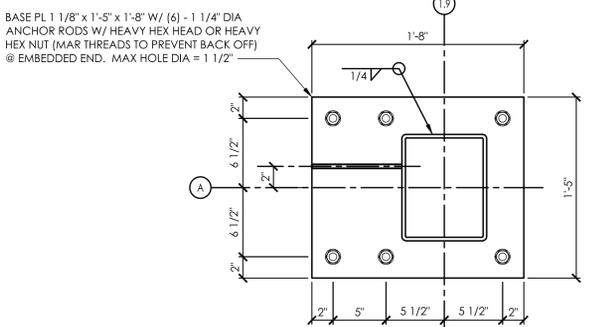






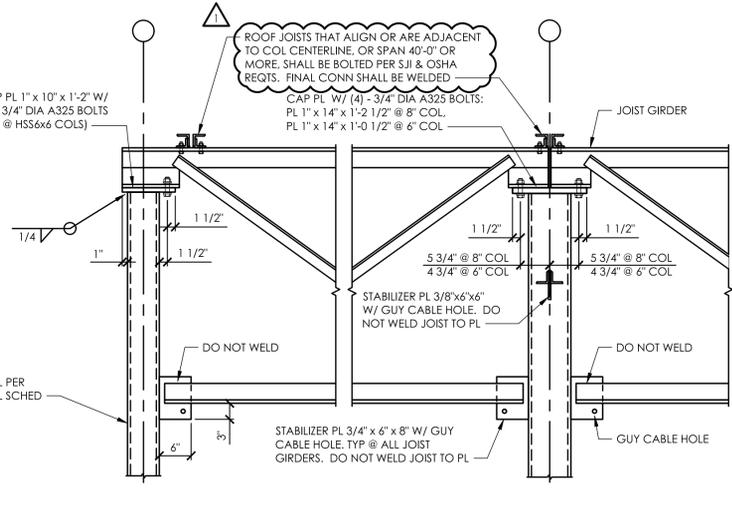
**D3 Return Wall Sections**

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



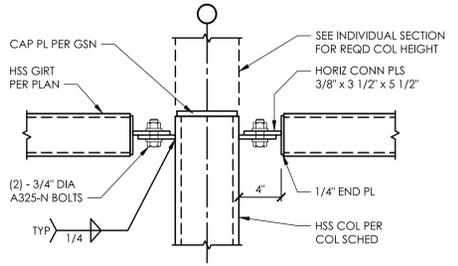
**D2 Braced Bay - Base Plate Detail**

SCALE: 1-1/2" = 1'-0"



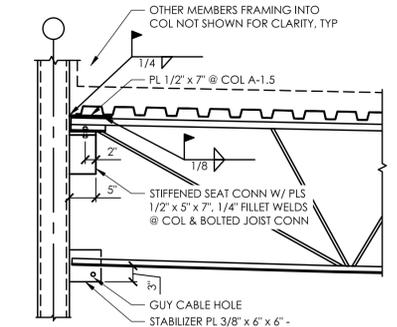
**D1 Typical Joist Girder Support Details**

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



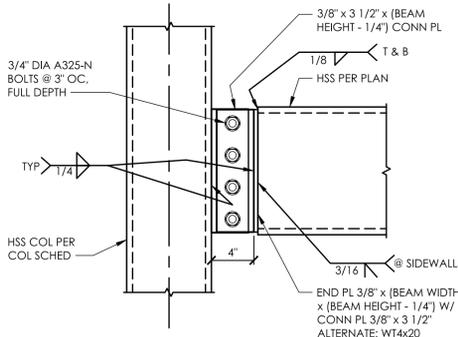
**C3 Typical HSS Girt Connection Detail**

SCALE: 1-1/2" = 1'-0"



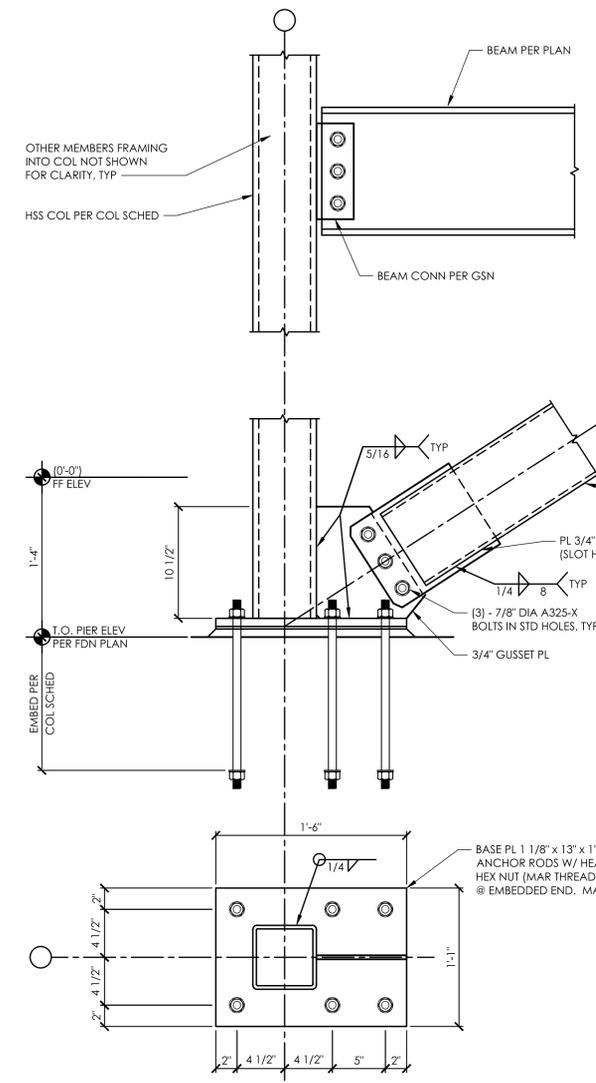
**C2 Typical Stiffened Joist Seat Detail**

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



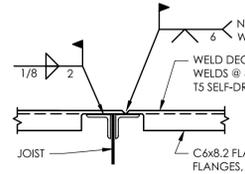
**C1 Typical HSS Header Conn Detail**

SCALE: 1-1/2" = 1'-0"



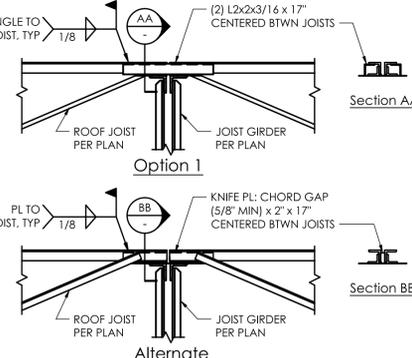
**A2 A2a Braced Bay Elevation & Detail**

SCALE: 1-1/2" = 1'-0"



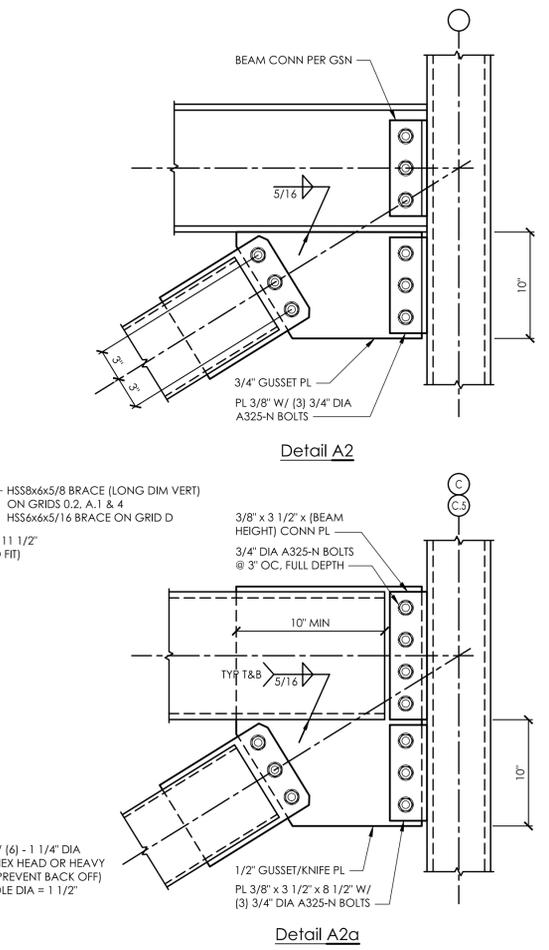
**B2 Detail**

SCALE: 1 1/2" = 1'-0"

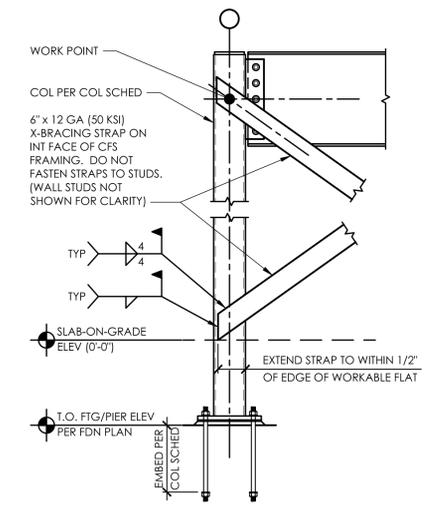


**B1 Detail**

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



**Detail A2a**



**A1 X-Brace Elevation & Detail**

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

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1 CCD-1	11/21/25
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PROJECT ARCHITECT/ENGINEER  
Brent T. Powell, PE  
PROJECT LEAD  
John Lynch  
BRENT T. POWELL  
No. 87738  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
BRENT THOMAS POWELL  
2025.12.03  
Seal 34-49-05'00'

**ALDI Inc.**  
1171 North State Road 7  
Royal Palm Beach, FL 33411  
(561) 640-8000

ALDI Inc. Store #: 50  
Coconut Crossing, FL  
12850 Northlake Boulevard  
Palm Beach Gardens, FL 33412  
Palm Beach County  
Project Name & Location:

Steel Framing Sections & Details	
Drawing Name:	
Prototype:	Project No.
V7.08 LHRD	22-0267A
Type:	
GROUND UP	
Drawn By:	
XS	S-402
Scale:	Drawing No.
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Revisions: Date:

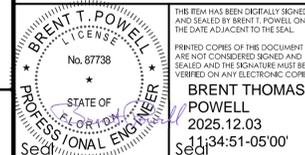
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PROJECT ARCHITECT/ENGINEER

Brent T. Powell, PE

PROJECT LEAD

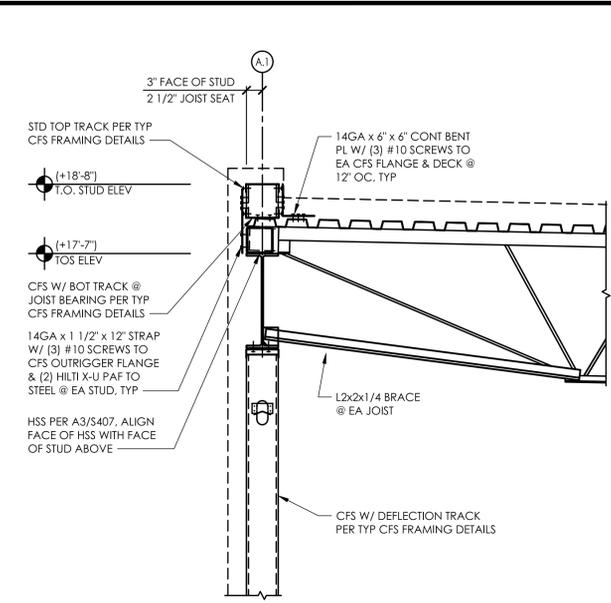
John Lynch



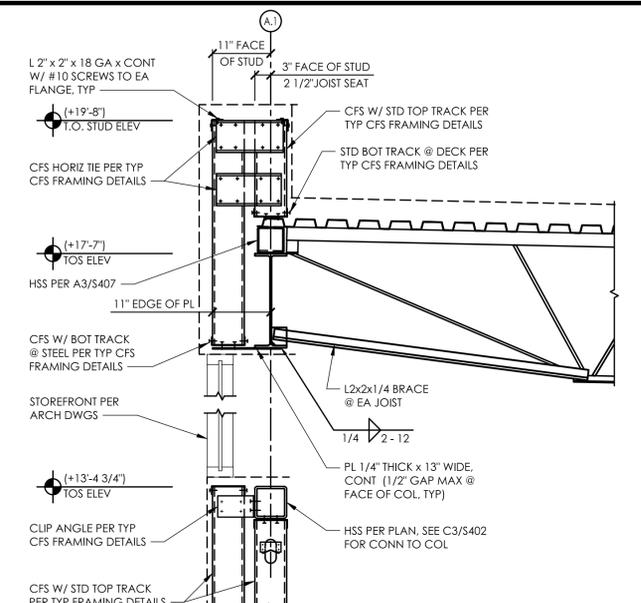
ALDI Inc. Store #: 50  
Coconut Crossing, FL  
12850 Northlake Boulevard  
Palm Beach Gardens, FL 33412  
Palm Beach County  
Project Name & Location:

Steel Framing  
Sections & Details  
Drawing Name:

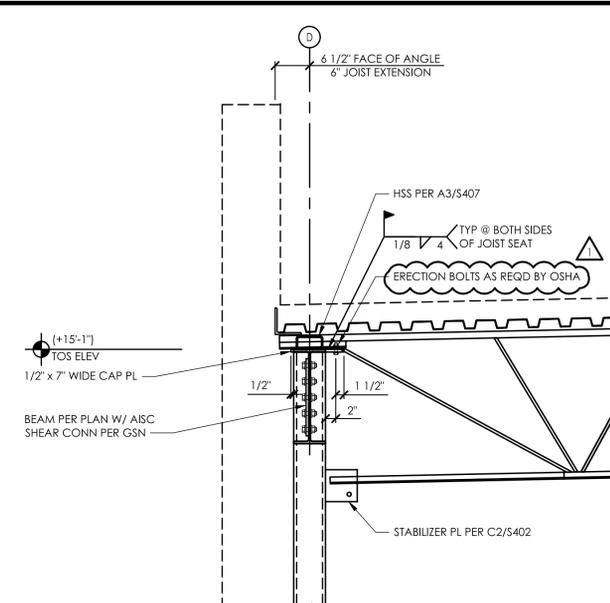
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XS	
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As Noted	Drawing No.
	S-403



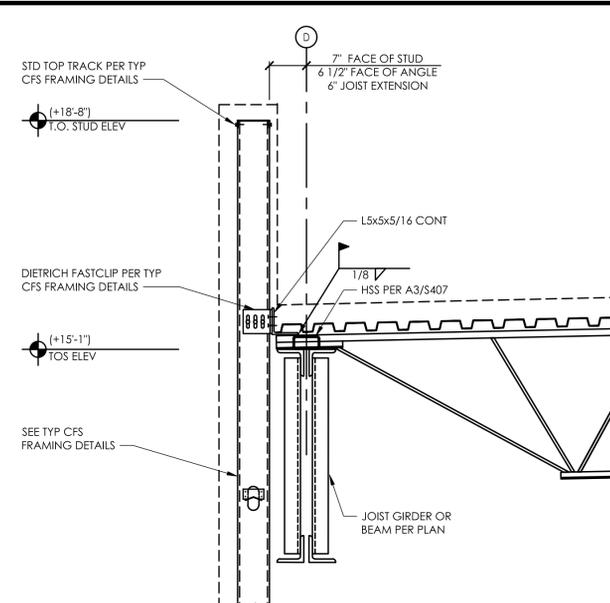
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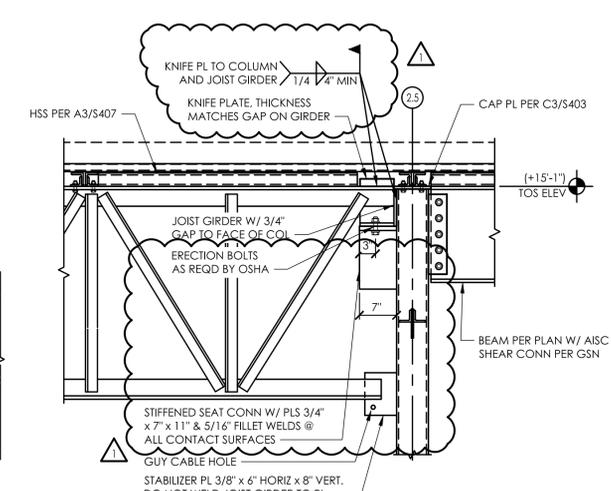
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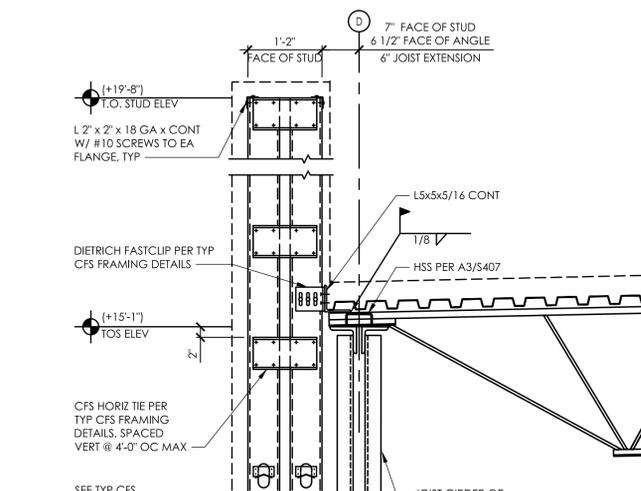
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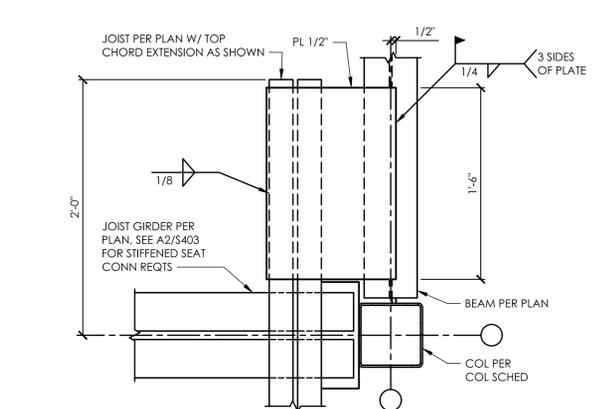
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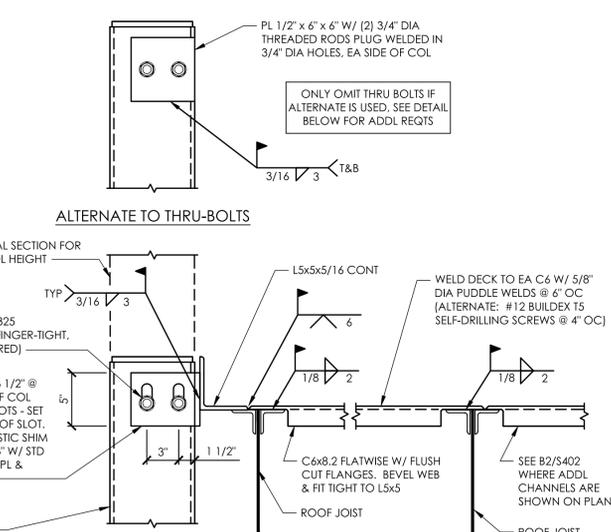
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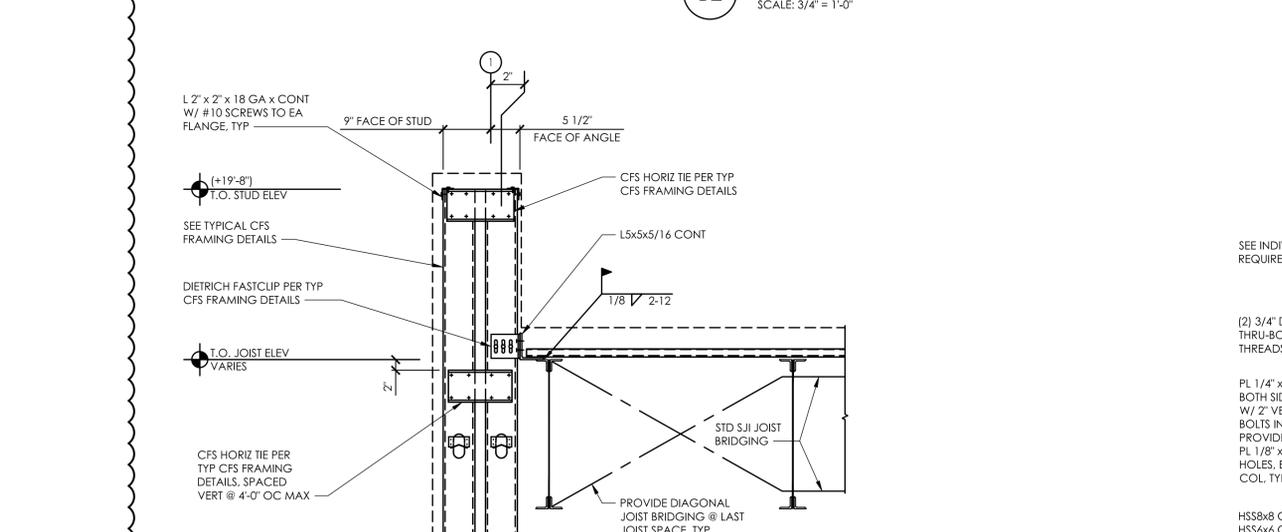
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SCALE: 3/4" = 1'-0"



**C2 Detail (Plan View)**  
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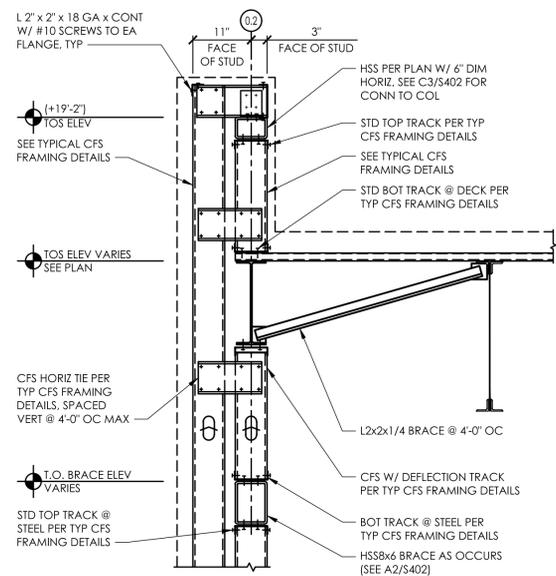


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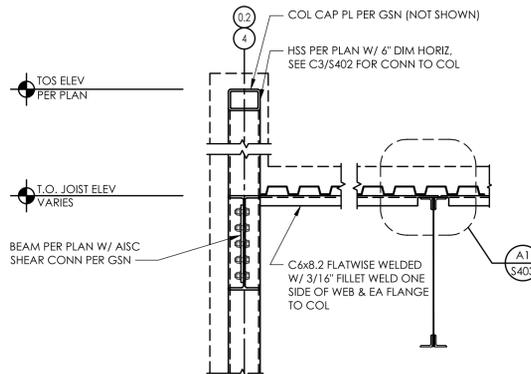


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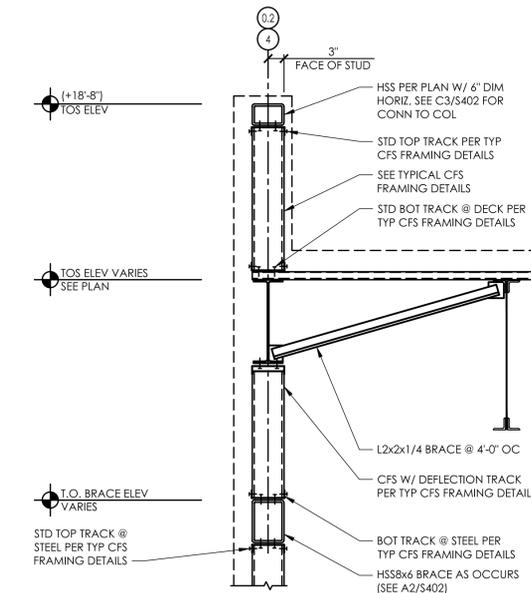
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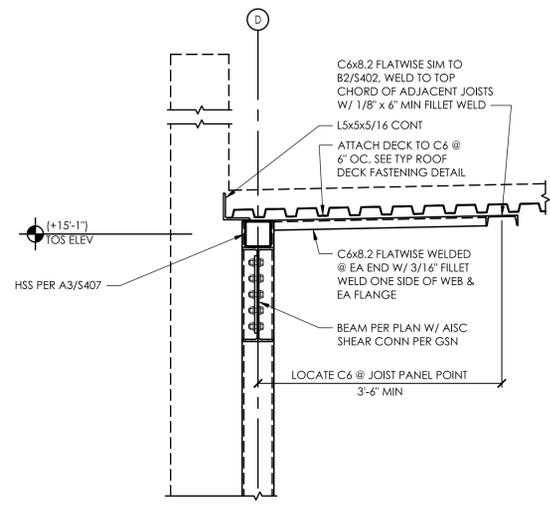
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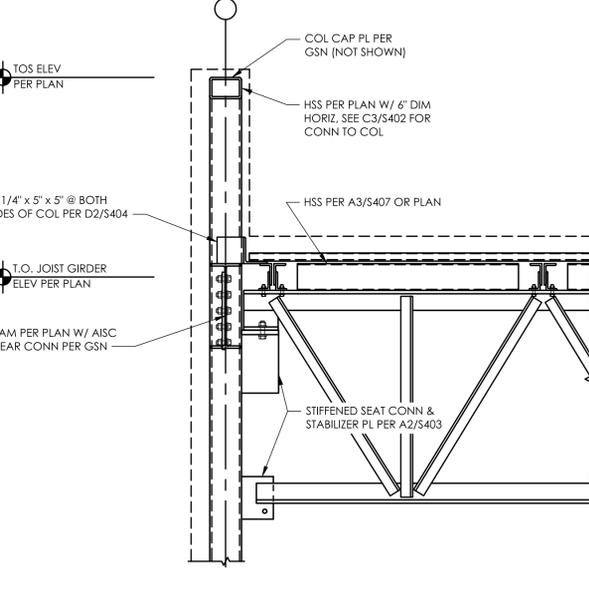
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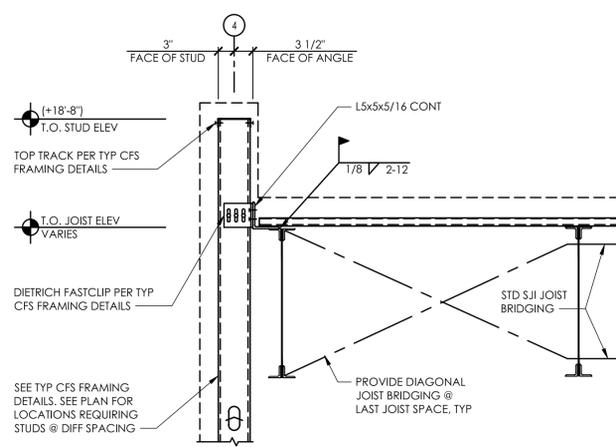
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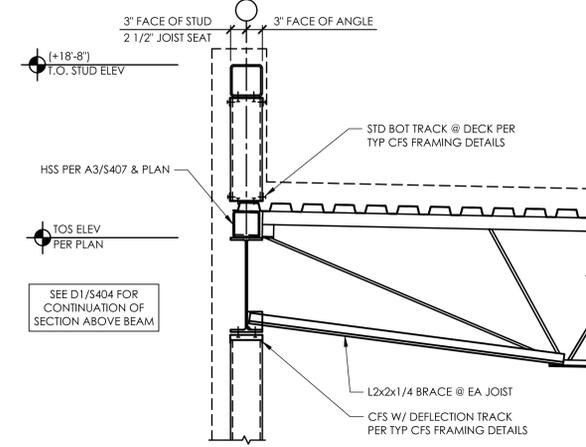
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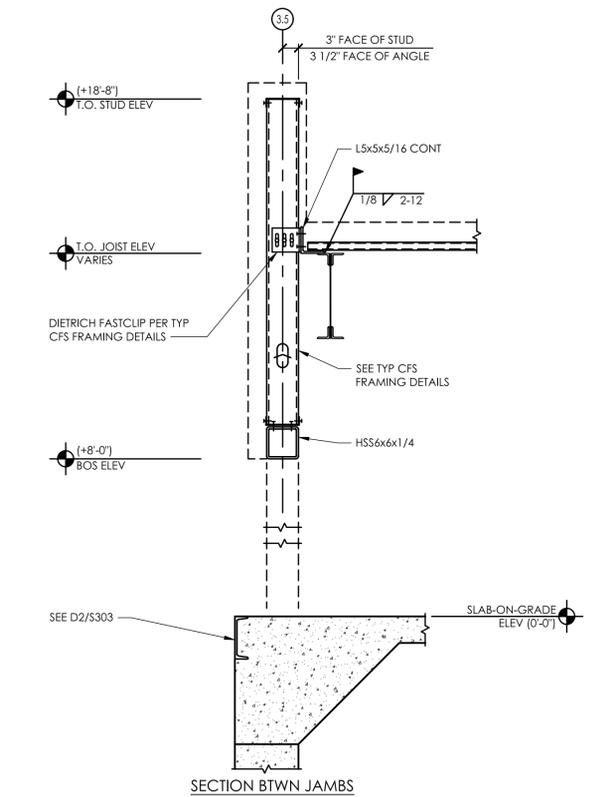
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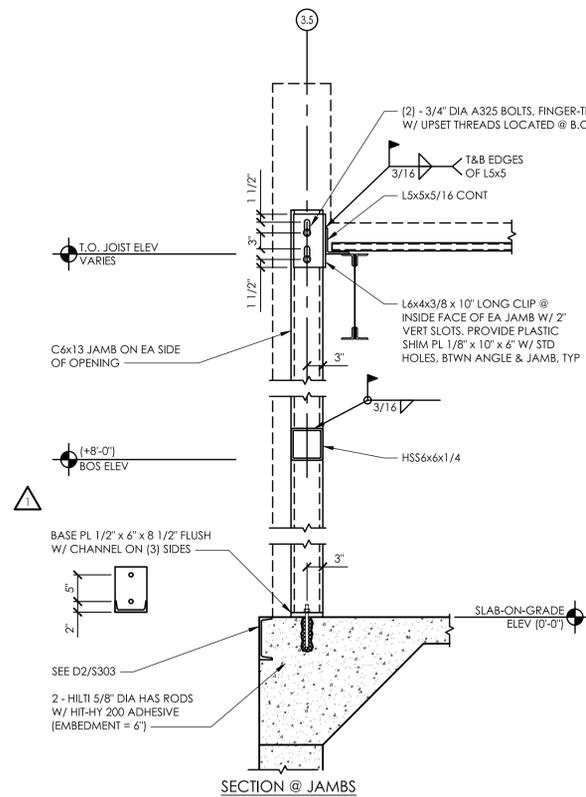
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SCALE: 3/4" = 1'-0"



**A3** Section  
SCALE: 3/4" = 1'-0"



**A1** Section  
SCALE: 3/4" = 1'-0"



**A2** Section  
SCALE: 3/4" = 1'-0"

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Brent T. Powell, PE  
PROJECT LEAD  
John Lynch  
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Seal: 34-52-05'00"



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Drawing Name:	
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PROJECT ARCHITECT/ENGINEER  
 Brent T. Powell, PE

PROJECT LEAD  
 John Lynch

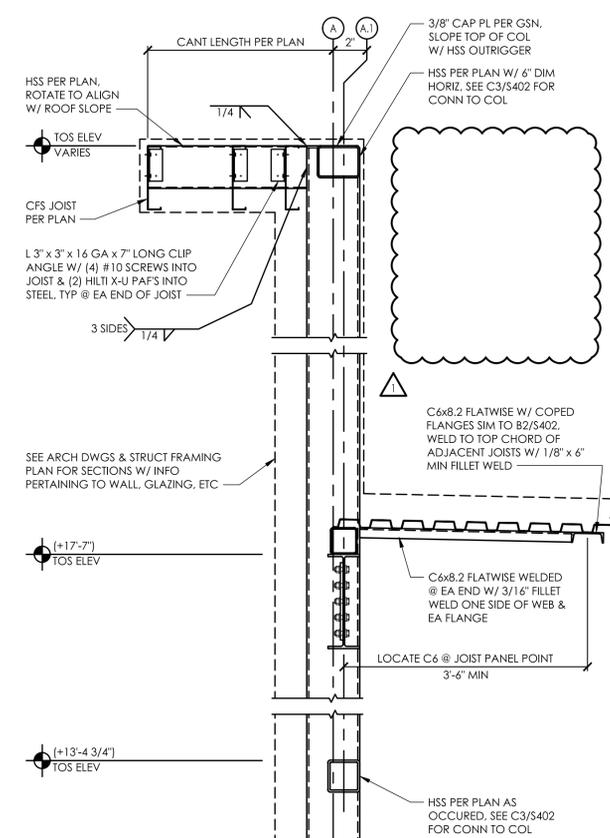
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 BRENT T. POWELL  
 No. 87738  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 BRENT THOMAS POWELL  
 2025.12.03  
 Seal: 34:54-05'00"

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 1171 North State Road 7  
 Royal Palm Beach, FL 33411  
 (561) 640-8000

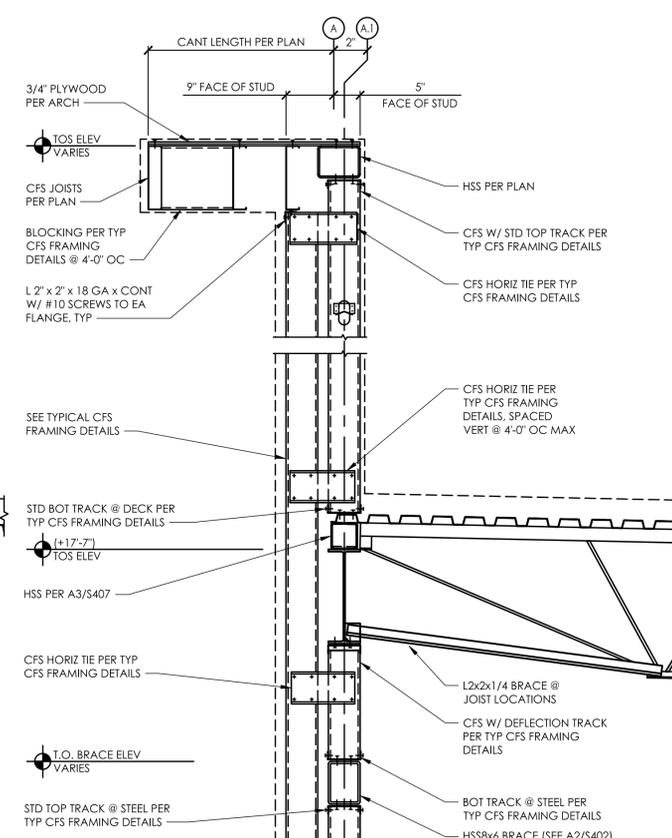
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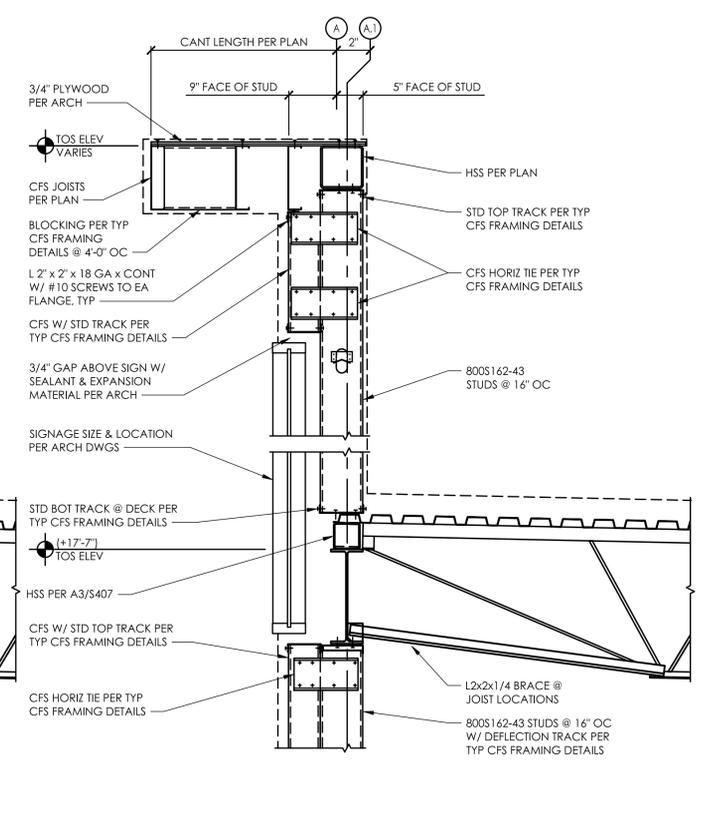
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As Noted	



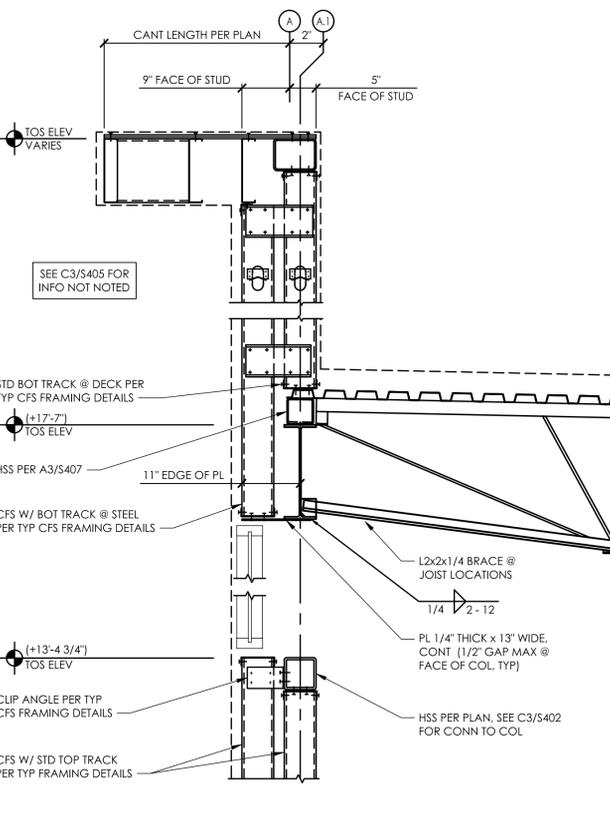
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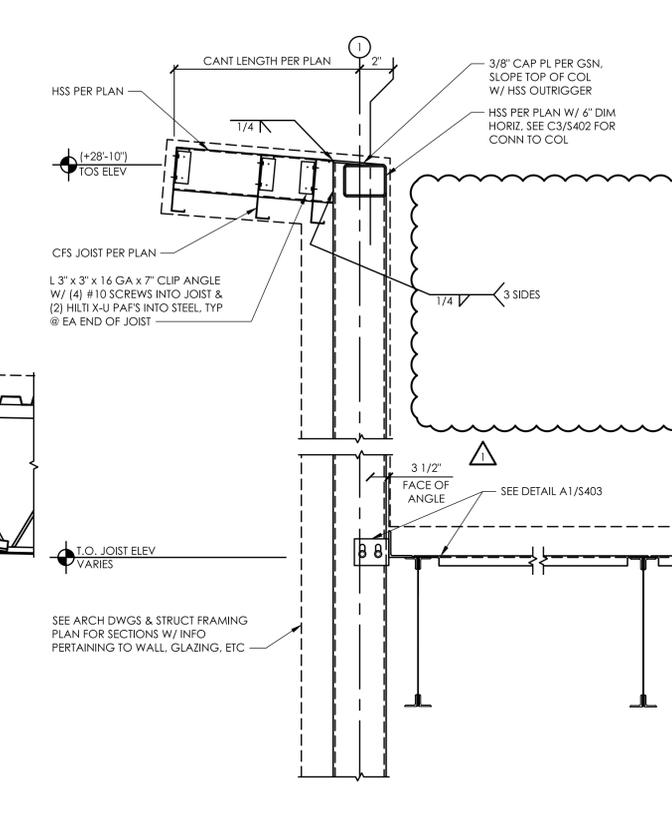
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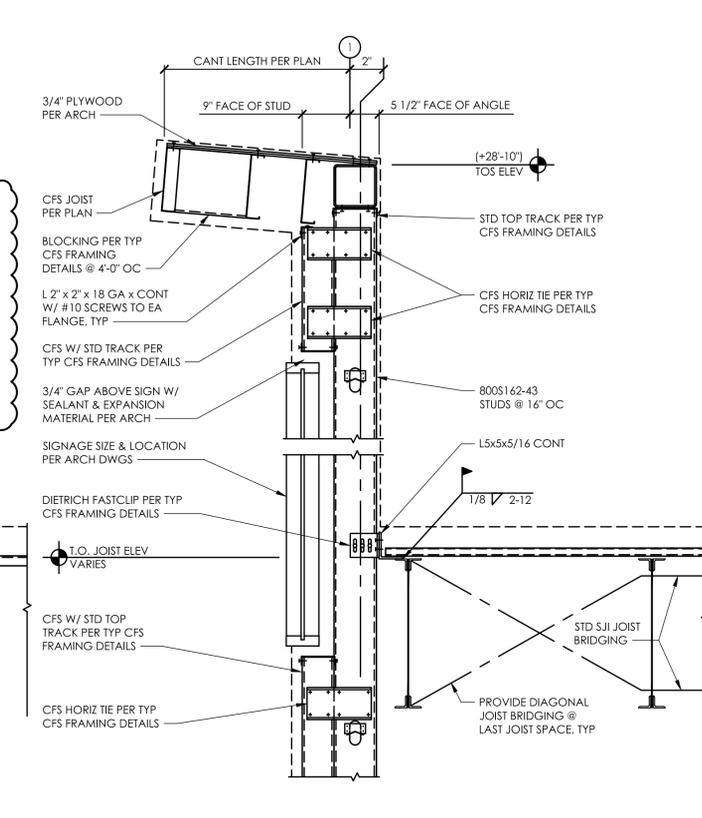
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**C1** Section  
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**B1** Section  
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**A1** Section  
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Revisions: \_\_\_\_\_ Date: \_\_\_\_\_

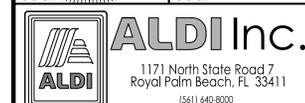
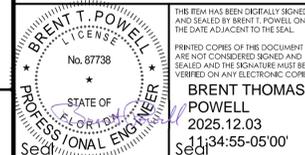
1	Owner Changes	07/29/25
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PROJECT ARCHITECT/ENGINEER

Brent T. Powell, PE

PROJECT LEAD

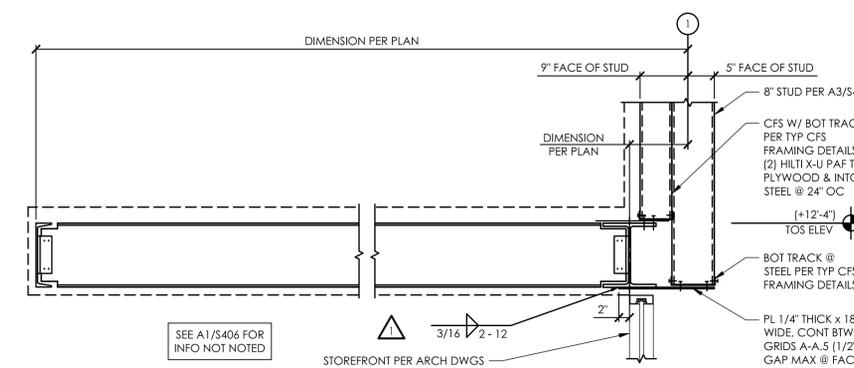
John Lynch



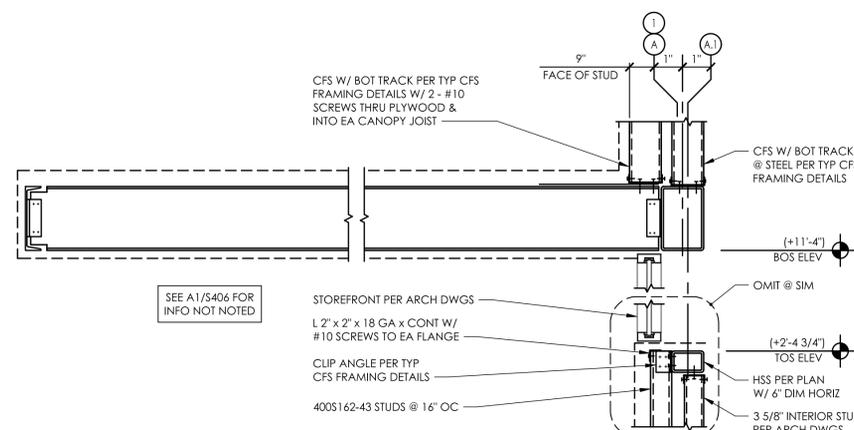
ALDI Inc. Store #: 50  
Coconut Crossing, FL  
12850 Northlake Boulevard  
Palm Beach Gardens, FL 33412  
Palm Beach County  
Project Name & Location:

Steel Framing  
Sections & Details  
Drawing Name:

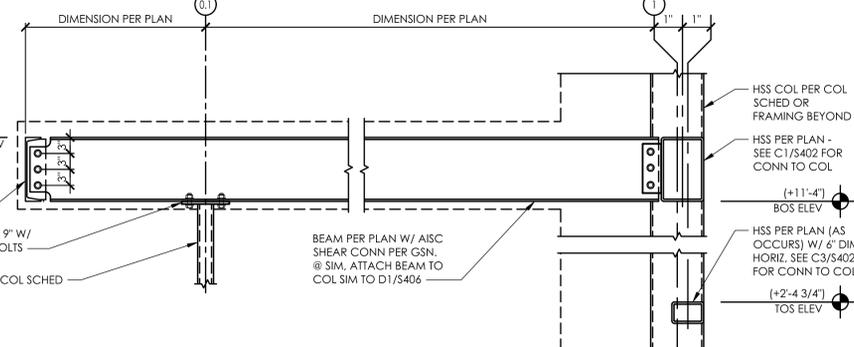
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			S-406
			Drawing No.



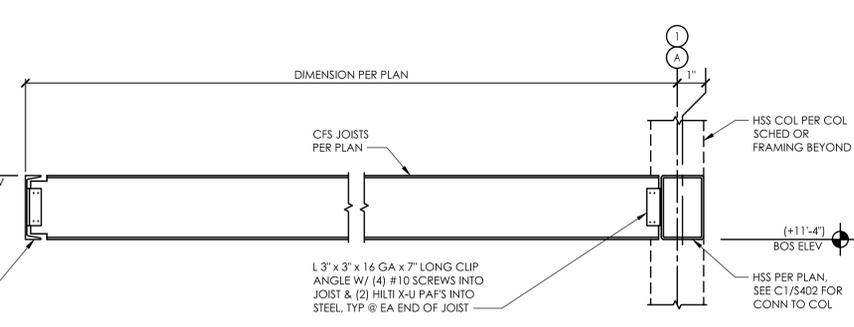
**A4** Section  
SCALE: 3/4" = 1'-0"



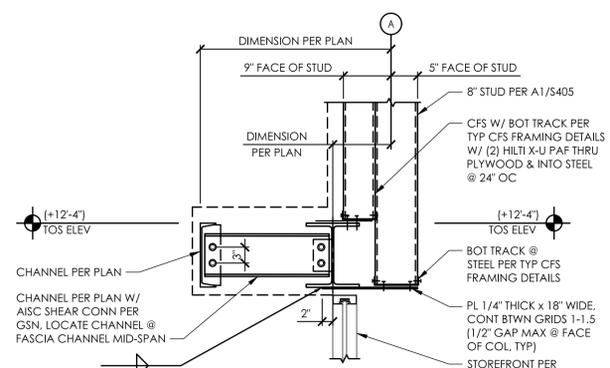
**A3** Section  
SCALE: 3/4" = 1'-0"



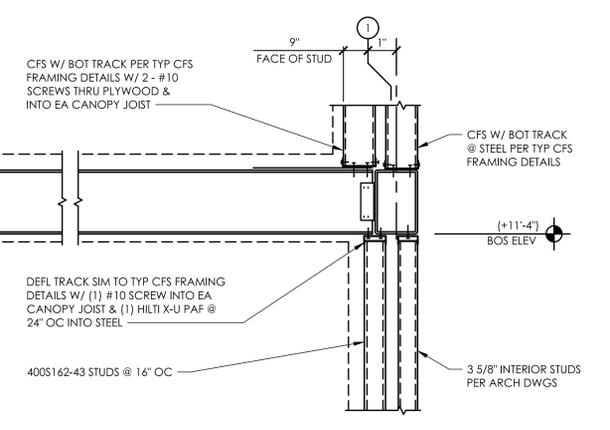
**A2** Typical Canopy Structural Steel Section  
SCALE: 3/4" = 1'-0"



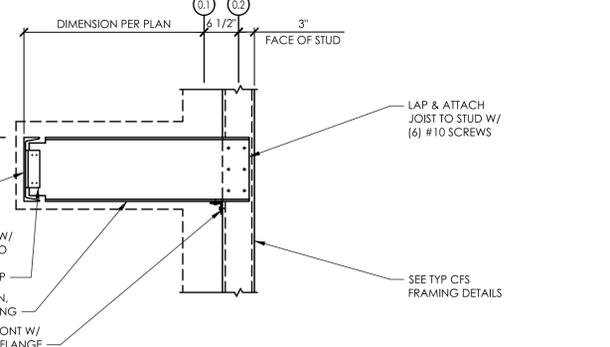
**A1** Typical Canopy Joist Framing Section  
SCALE: 3/4" = 1'-0"



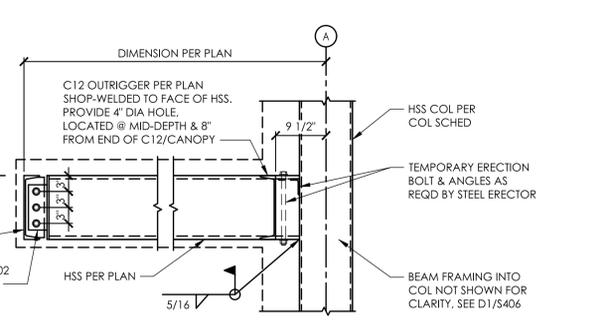
**C4** Section  
SCALE: 3/4" = 1'-0"



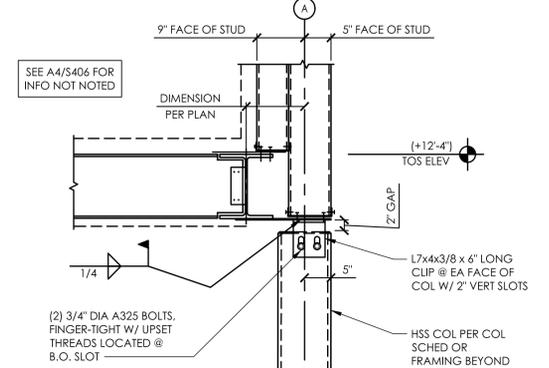
**C3** Section  
SCALE: 3/4" = 1'-0"



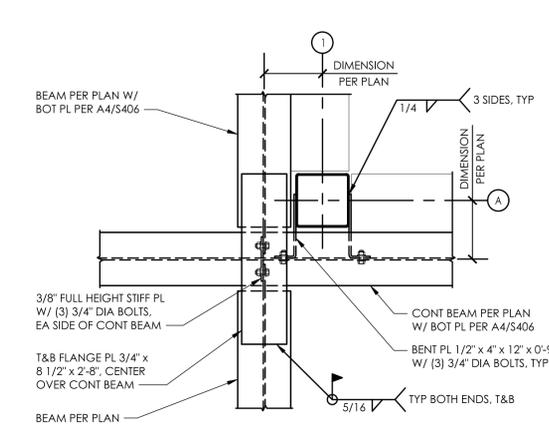
**C2** Section  
SCALE: 3/4" = 1'-0"



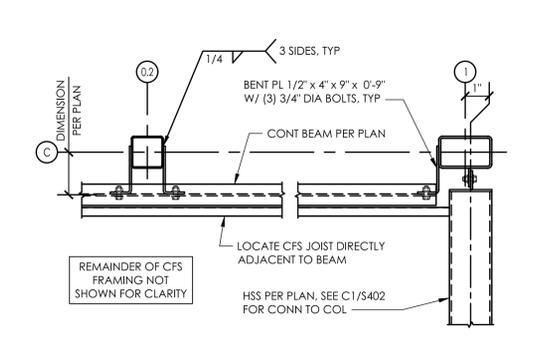
**C1** Section  
SCALE: 3/4" = 1'-0"



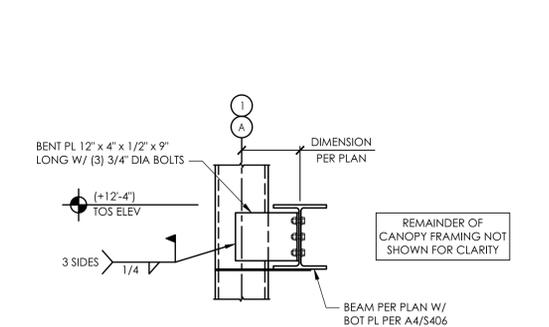
**D4** Section  
SCALE: 3/4" = 1'-0"



**D3** Detail  
SCALE: 3/4" = 1'-0"



**D2** Detail  
SCALE: 1-1/2" = 1'-0"



**D1** Section  
SCALE: 3/4" = 1'-0"

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Issued: Date:

A	Issued for Permit	07/08/24
B	Issued for Bid	07/29/25
C	Issued for Construction	11/21/25
D		
E		

Revisions: Date:

1	Owner Changes	07/29/25
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PROJECT ARCHITECT/ENGINEER

Brent T. Powell, PE

PROJECT LEAD

John Lynch

**BRENT T. POWELL**  
No. 87738  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
Seal No. 34-57-05'00'

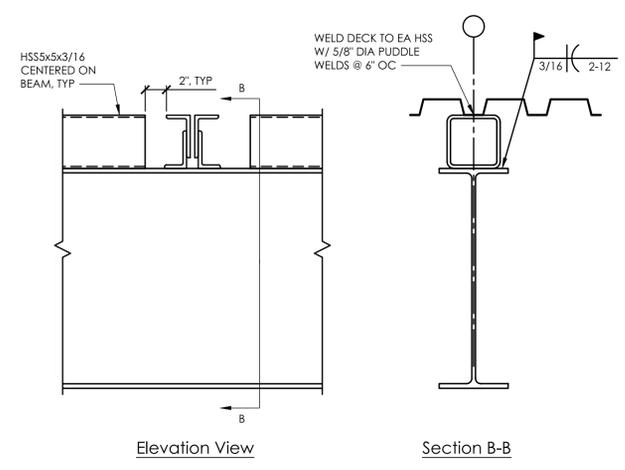
THE ITEM HAS BEEN CAREFULLY SIGNED AND SEALED BY BRENT T. POWELL ON THE DATE ADJACENT TO THE SEAL.  
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED BOUND AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.  
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2025.12.03  
Seal No. 34-57-05'00'

**ALDI Inc.**  
1171 North State Road 7  
Royal Palm Beach, FL 33411  
(561) 640-8000

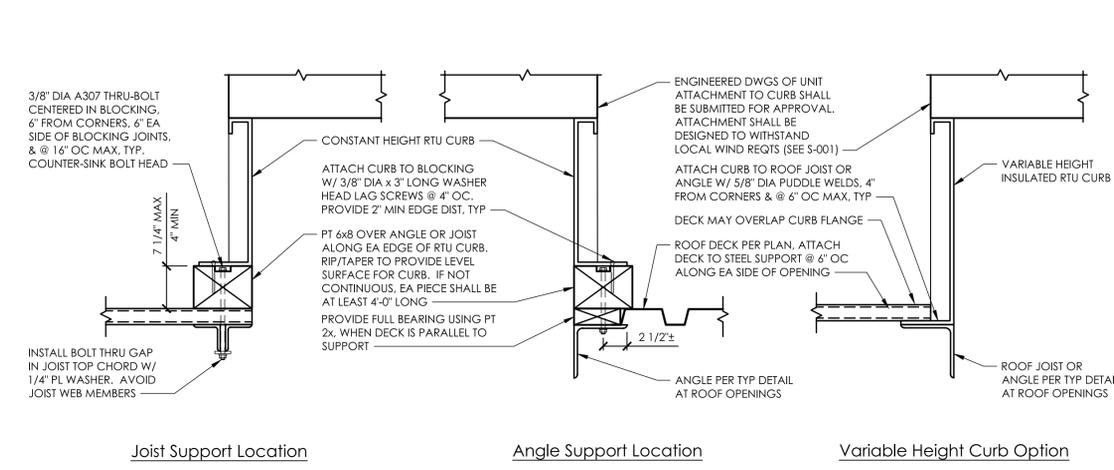
ALDI Inc. Store #: 50  
Coconut Crossing, FL  
12850 Northlake Boulevard  
Palm Beach Gardens, FL 33412  
Palm Beach County  
Project Name & Location:

Steel Framing  
Sections & Details  
Drawing Name:

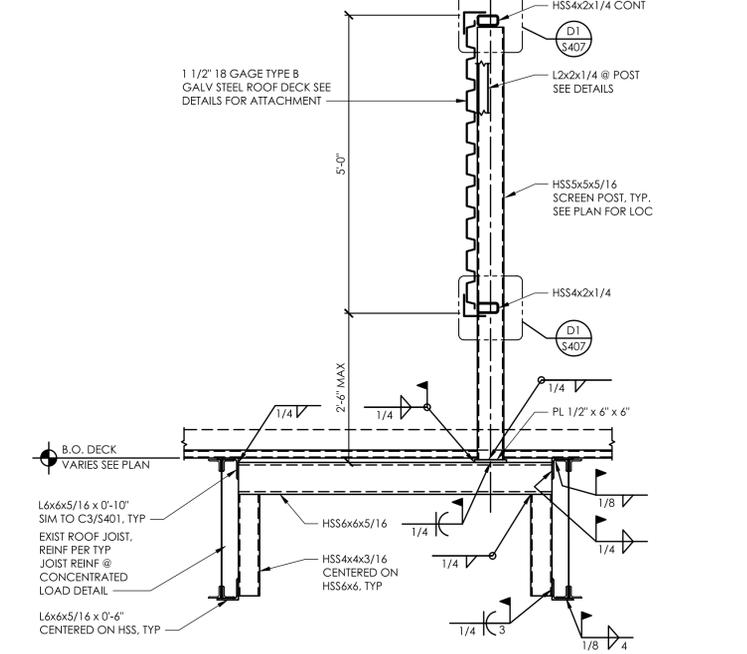
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Type:	GROUND UP		
Drawn By:	XS		
Scale:	As Noted		
			S-407
			Drawing No.



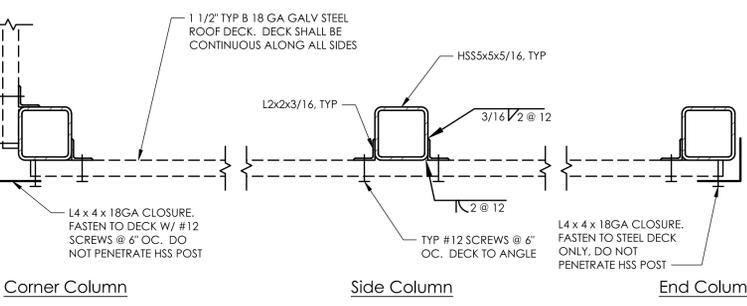
A3 Section  
SCALE: 1 1/2" = 1'-0"



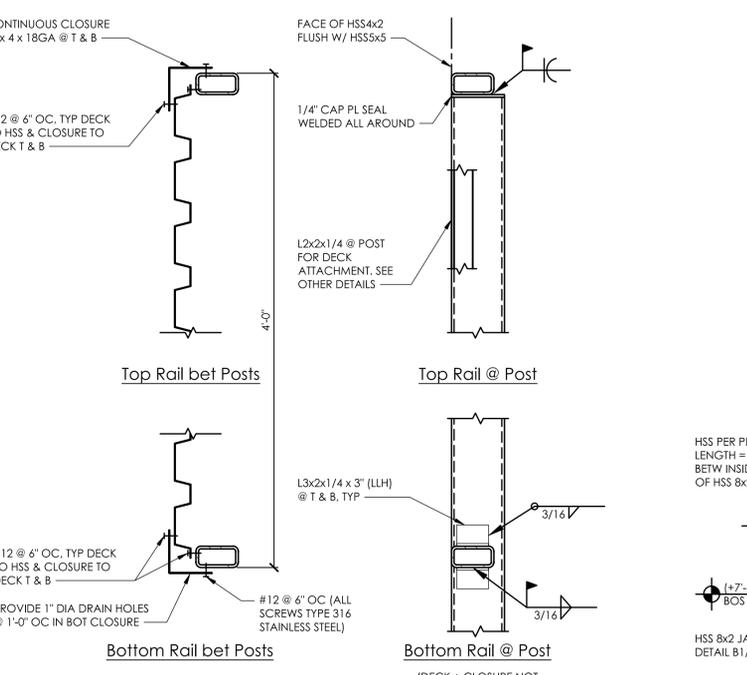
C3 Section  
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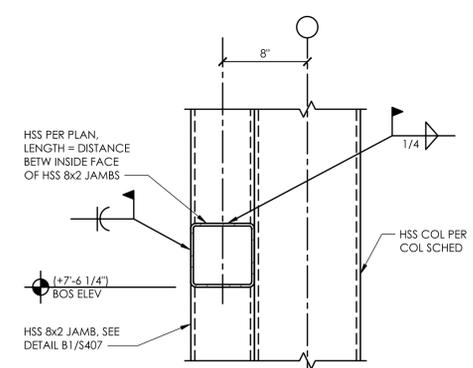
D3 Section  
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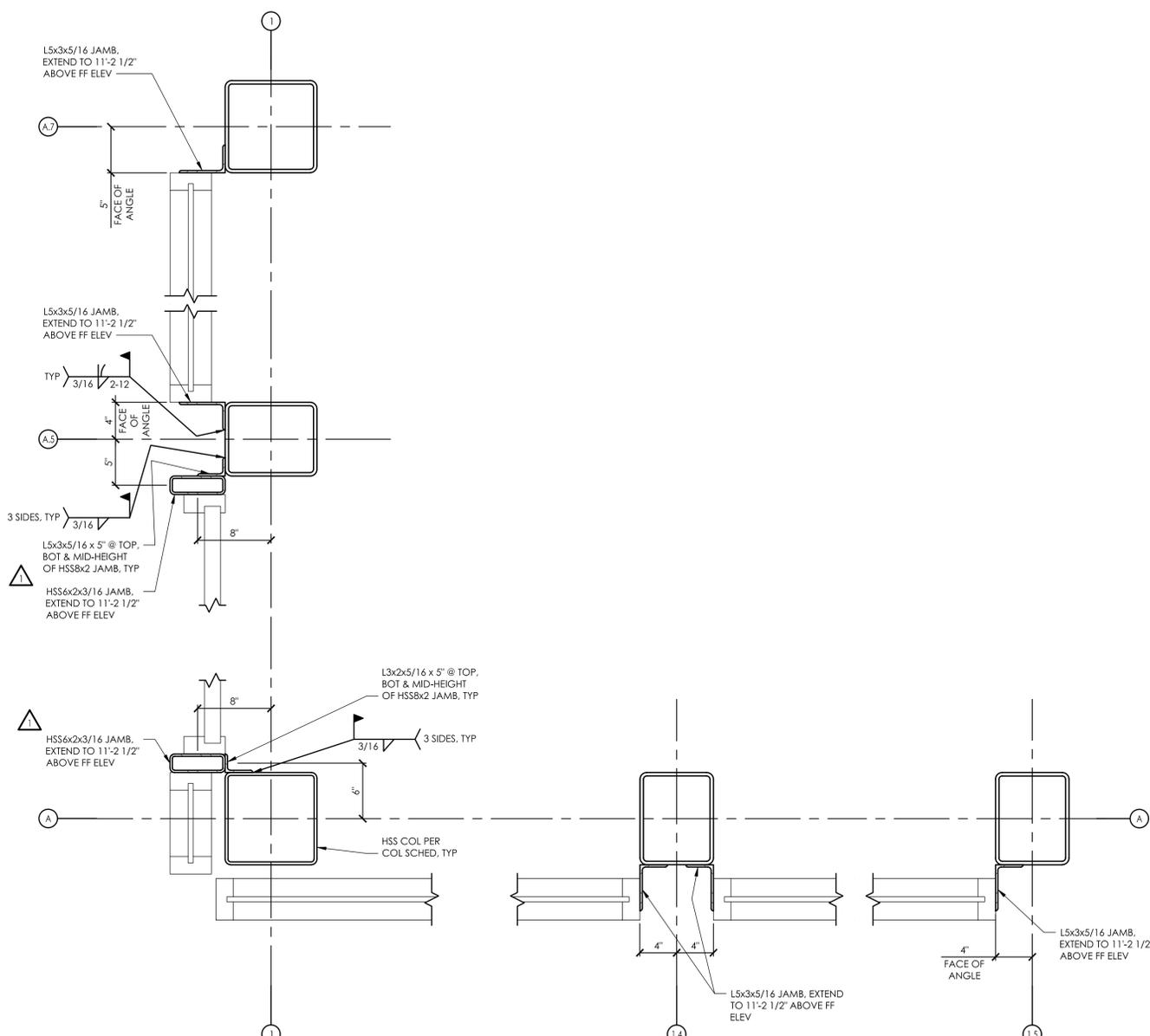
A2 Detail  
SCALE: 1 1/2" = 1'-0"



D1 Detail  
SCALE: 1 1/2" = 1'-0"



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



B1 Details  
SCALE: 3/4" = 1'-0"