

FOUNDATION PLAN
SCALE: 1/8"=1'-0"

- FOUNDATION PLAN NOTES:**
- FLOOR SLAB: SLAB SHALL BE 5" THICK CONCRETE REINF W/6x6 W2.1xW2.1 WWF OVER 15 MIL VAPOR BARRIER ON COMPACTED TERMITE TREATED SUBGRADE. (SEE A/S4.0 SLAB ON GRADE DETAILS FOR PLACEMENT OF REINFORCEMENT)
 - T/ SLAB EL = +0'-0", UNO (REFERENCE ONLY) SEE CIVIL FOR ACTUAL ELEVATION
 - T/ WALL & CONC. COL. FTG. EL. = -1'-4", UNO ON PLAN
 - T/ STL COL. EL. = -2'-0", TYP UNO.
 - ALL FTGS. ARE CENTERED BENEATH BRG WALLS AND COLS, TYP UNO.
 - SEE SHT. S1.0 FOR GENERAL NOTES.
 - SIDEWALK SLAB = 4" CONCRETE SLAB ON COMPACTED FILL REINFORCED WITH 6x6 W1.4xW1.4 W.W.F., TYP.
 - (2) #4x4'-0" LONG @ 3" O.C. PLACED 2" CLEAR FROM CORNER CENTERED IN SLAB, TYP. AT RE-ENTRANT CORNERS.
 - [Symbol] DENOTES #6 IN 8" GROUT FILLED CELLS. FILL CELLS AT WALL ENDS, CORNERS, AND AT 32" O.C. MAXIMUM SPACING BELOW AND ABOVE ROOF BEAMS AND SILLS U.N.O. SHOWN ON PLAN.
 - [Symbol] DENOTES PILASTER W/6" FILLED CELLS REINF. W/(1)#7 VERT. BARS AT EA. CELL.
 - [Symbol] DENOTES #6 IN 12" GROUT FILLED CELLS. FILL CELLS AT WALL ENDS, CORNERS, AND AT 48" O.C. MAXIMUM SPACING BELOW AND ABOVE ROOF BEAMS AND SILLS U.N.O. SHOWN ON PLAN.

CONCRETE TIE-COLUMN SCHEDULE

MARK	TYPE	SIZE (W X D)	VERTICALS	# TIES U.O.N.	REMARKS
TC1	1	8x16	(4) #6	@ 8" O.C.	
TC2	2	8x48	(6) #7	@ 8" O.C.	
TC3	2	8x54	(6) #7	@ 8" O.C.	

FOUNDATION SCHEDULE

MARK	SIZE (L x W x D)	REINFORCING		REMARKS
		LONGITUDINAL	TRANSV.	
F36	3'-6"x3'-6"x1'-6"	(5) #5 T&B	(5) #5 T&B	PAD FTG.
F40	4'-0"x4'-0"x1'-0"	(5) #5 BOTT.	(5) #5 BOTT.	PAD FTG.
F50	5'-0"x5'-0"x1'-0"	(6) #5 T&B	(6) #5 T&B	PAD FTG.
F66	6'-6"x6'-6"x1'-6"	(7) #6 BOTT.	(7) #6 BOTT.	PAD FTG.
F76	7'-6"x7'-6"x1'-6"	(9) #6 BOTT.	(9) #6 BOTT.	PAD FTG.
WF10	CONT. x1'-0"x1'-0"	(2) #5 BOTT.	#5/12 BOTT.	WALL FTG.
WF20	CONT. x2'-0"x1'-0"	(3) #5 BOTT.	#5/14 BOTT.	WALL FTG.
WF30	CONT. x3'-0"x1'-0"	(3) #5 BOTT.	#5/14 BOTT.	WALL FTG.
WF46	CONT. x4'-0"x1'-3"	(5) #5 BOTT.	#5/14 BOTT.	WALL FTG.

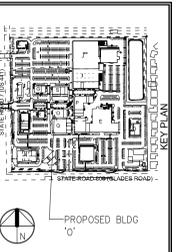
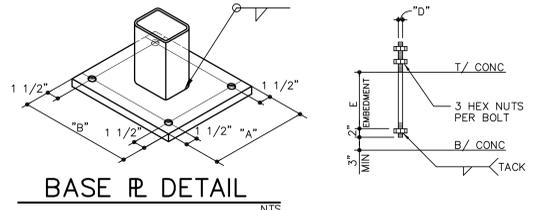
DESIGN INFORMATION:
NET ALLOWABLE SOIL BEARING PRESSURE = 2500 PSF

COLUMN / BASE PLATE SCHEDULE

COLUMN MARK	COLUMN SIZE	BASE PLATE			ANCHOR BOLT		CAP PLATE	REMARKS
		A	B	T	E	D		
C1	HSS 6x6x5/16"	12"	12"	3/4"	13"	3/4"	1"	
C2	HSS 6x0.375"	12"	12"	3/4"	7"	3/4"	1"	

NOTE: ANCHOR BOLTS SHALL BE ASTM F1554 GRADE 36 (UNO) THREADED EACH END WITH NUT AT BOTTOM, TACK WELDED SECURE. PLATE WASHER AT BOTTOM NUT SHALL NOT BE REQUIRED. CONFORM TO CHART FOR RIGHT FOR EMBEDMENT, UNLESS NOTED OTHERWISE IN SCHEDULE ABOVE.

BOLT TYPE, MATERIAL	MINIMUM EMBEDDED LENGTH	MINIMUM EMBEDDED EDGE DISTANCE
GRADE 36	12d	5d > 4 in.
GRADE 55, 10S	17d	7d > 4 in.



MARK	DESCRIPTION	DATE

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OWNER REPRESENTATION

SHADOWWOOD SQUARE BUILDING 'O' SHELL DRAWINGS

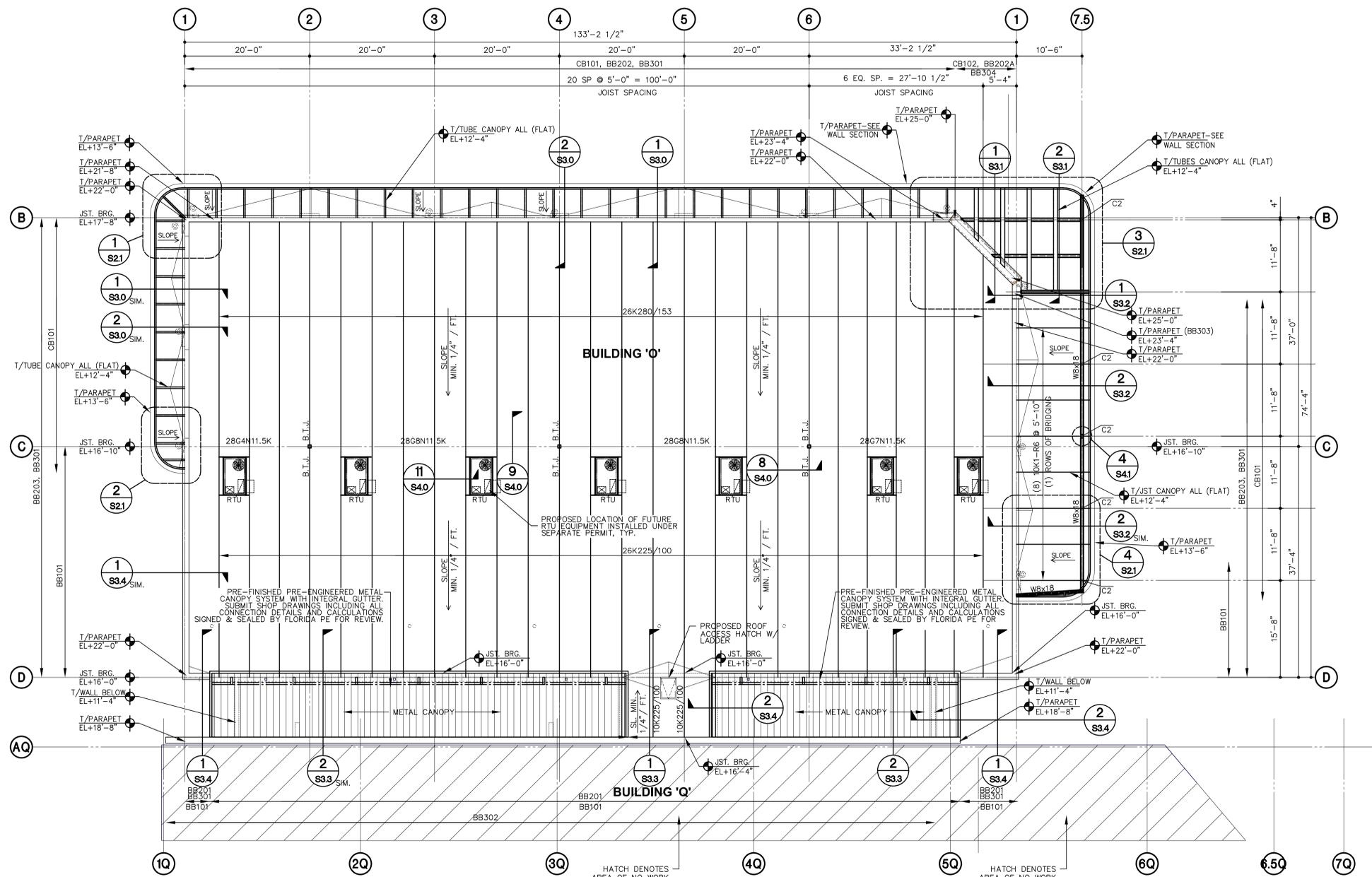
Palm Beach County, Florida

BUILDING

STRUCTURAL FOUNDATION PLAN

JOB NUMBER: JSG 25014
SCALE: 1/8"=1'-0"
PERMIT DATE: [Blank]
ISSUE DATE: 05/02/25
JOB DATE: [Blank]

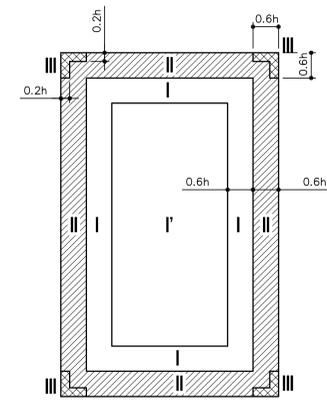
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CHECKED BY: P.S./E.B.
DISCIPLINE: STRUCTURAL
PLAN TYPE: [Blank]
SHEET NUMBER: **S2.0**



- ROOF FRAMING NOTES:**
- ROOF ASSEMBLY TO BE TPO ROOFING WITH INSULATION OVER 1.5", 22GA TYPE "B" GALV. G90 METAL ROOF DECK CONTINUOUS OVER 3 OR MORE SPANS. ATTACH DECK TO ALL SUPPORTS WITH 5/8" PUDDLE WELDS ON SDI 36/7 WELD PATTERN. ATTACH DECK AT PERIMETER W/ 5/8" PUDDLE WELDS @ 6" O.C. USE (9)#10 TEK SIDELAP FASTENERS.
 - TOP OF PARAPET EL. SEE PLAN
 - SEE STRUCTURAL NOTE SHEET (S1.0) FOR BRIDGING REQUIREMENTS FOR JOIST & JOIST GRIDDERS.
 - SEE SECTIONS FOR FRAMING DETAILS.
 - PROVIDE SPECIAL JOISTS AND AC FRAMING (SEE DETAIL A/S4.3) AT ALL ROOF TOP A/C UNITS. REFER TO MECHANICAL HVAC PLAN FOR LOCATION AND WEIGHTS OF EACH UNIT. DESIGN JOISTS FOR ADDITIONAL WEIGHT OF ROOF TOP UNITS.
 - SEE PLAN FOR JOIST BEARING ELEVATIONS.
 - SEE THIS SHEET FOR ROOF DESIGN LOADS AND FOR UPLIFT DIAGRAM.

FLAT ROOF DESIGN LOADS

BAR JOIST LIVE LOAD GRID C-D	BAR JOIST LIVE LOAD REST	GIRDER LIVE LOAD	SUPERIMPOSED TC DEAD LOAD	SUPERIMPOSED BC DEAD LOAD
30 PSF	20 PSF	20 PSF	20 PSF	5 PSF

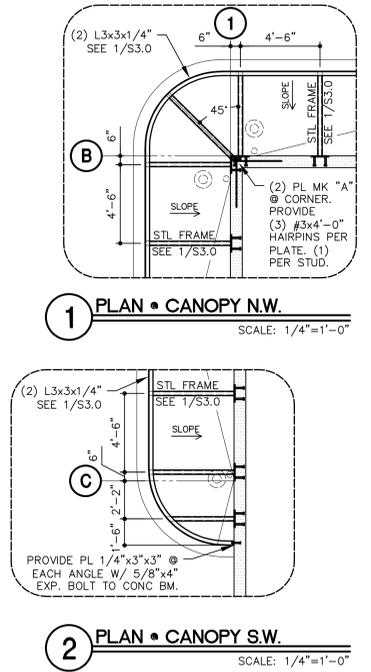
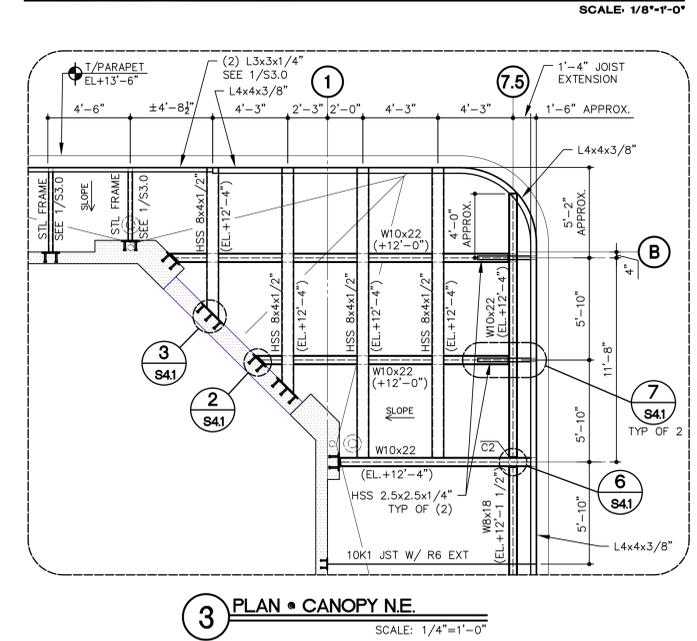


SERVICE ASD ROOF UPLIFT PLAN

ZONE	ROOFING	JOISTS	456SF	GIRDERS
I	-36.2 PSF	-22.0 PSF	-17.2 PSF	
II	-62.9 PSF	-41.0 PSF	-17.2 PSF	
III	-83.0 PSF	-54.6 PSF	-31.9 PSF	
IV	-83.0 PSF	-54.6 PSF	-42.7 PSF	

* JOISTS AND GIRDER UPLIFT SHOWN IS GROSS UPLIFT. FOR JOISTS WITH SPANS EQUAL TO OR GREATER THAN 46 FEET, AN UPWARD OR DOWNWARD WIND PRESSURE OF 16PSF DOES NOT NEED TO BE CONSIDERED IN THE DESIGN COMBINATIONS AS THE TRIBUTARY AREA IS GREATER THAN 700 SF. (ASCE-7 SECT. 30.2.3)

ROOF FRAMING PLAN



LINTEL SCHEDULE

MARK	B/LINTEL	CAST CRETE DESIGNATION
MAN DOOR	7'-0"	8U8

CONCRETE TIE AND BOND BEAM SCHEDULE

MARK	TYPE	T/BEAM ELEV.	NOMINAL SIZE (W/ X D)	REINFORCING	STIRRUPS	COMMENTS
CB101	8	+12'-8"	8x44	(2)#7 (2)#7 (2)#6	#3 @ 8" O.C.	TIE BEAM
CB102	7	+12'-8"	12x44	(2)#7 (2)#7	#3 @ 12" O.C.	CONC. BEAM
BB101	1	+10'-0"	8x8	(1)#5		BOND BEAM
BB201	2	+16'-0"	8x16	(2)#5 (2)#5		BOND BEAM
BB202	2	+17'-8"	8x16	(2)#5 (2)#5		BOND BEAM
BB202A	2	+17'-8"	12x16	(2)#7 (2)#7		BOND BEAM
BB203	3	+18'-0"	8x32	(2)#5 (2)#5 (2)#5 #5		BOND BEAM
BB204	3A	+16'-4"	12x16	(2)#7 (2)#7		BOND BEAM
BB301	1	+22'-0"	8x8	(1)#7		BOND BEAM
BB302	1	+18'-8"	12x16	(1)#7 (1)#7		BOND BEAM
BB303	1	+23'-4"	12x8	(1)#7		BOND BEAM
BB304	1	+25'-0"	12x8	(1)#7		BOND BEAM

NOTE:
 "B" = BOND BEAM (COMPOSED OF KNOCK-OUT BLOCK)
 "TB" = TIE BEAM (FORMED & POURED)
 "CB" = CONCRETE BEAM, FORMED, POURED AND SHORED.

• T/BEAM ELEVATION PER SCHEDULE UNLESS NOTED THUS () ON PLAN

SHADOWWOOD SQUARE BUILDING 'O' SHELL DRAWINGS

Palm Beach County, Florida

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STRUCTURAL ROOF FRAMING PLAN

JOB NUMBER: JSG 25014
 SCALE: 1/8"=1'-0"
 PERMIT DATE:
 ISSUE DATE: 05/02/25
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DRAN BY: S.G.
 CHECKED BY: P.S./E.B.
 DISCIPLINE: STRUCTURAL
 PLAN TYPE:
 SHEET NUMBER: **S21**



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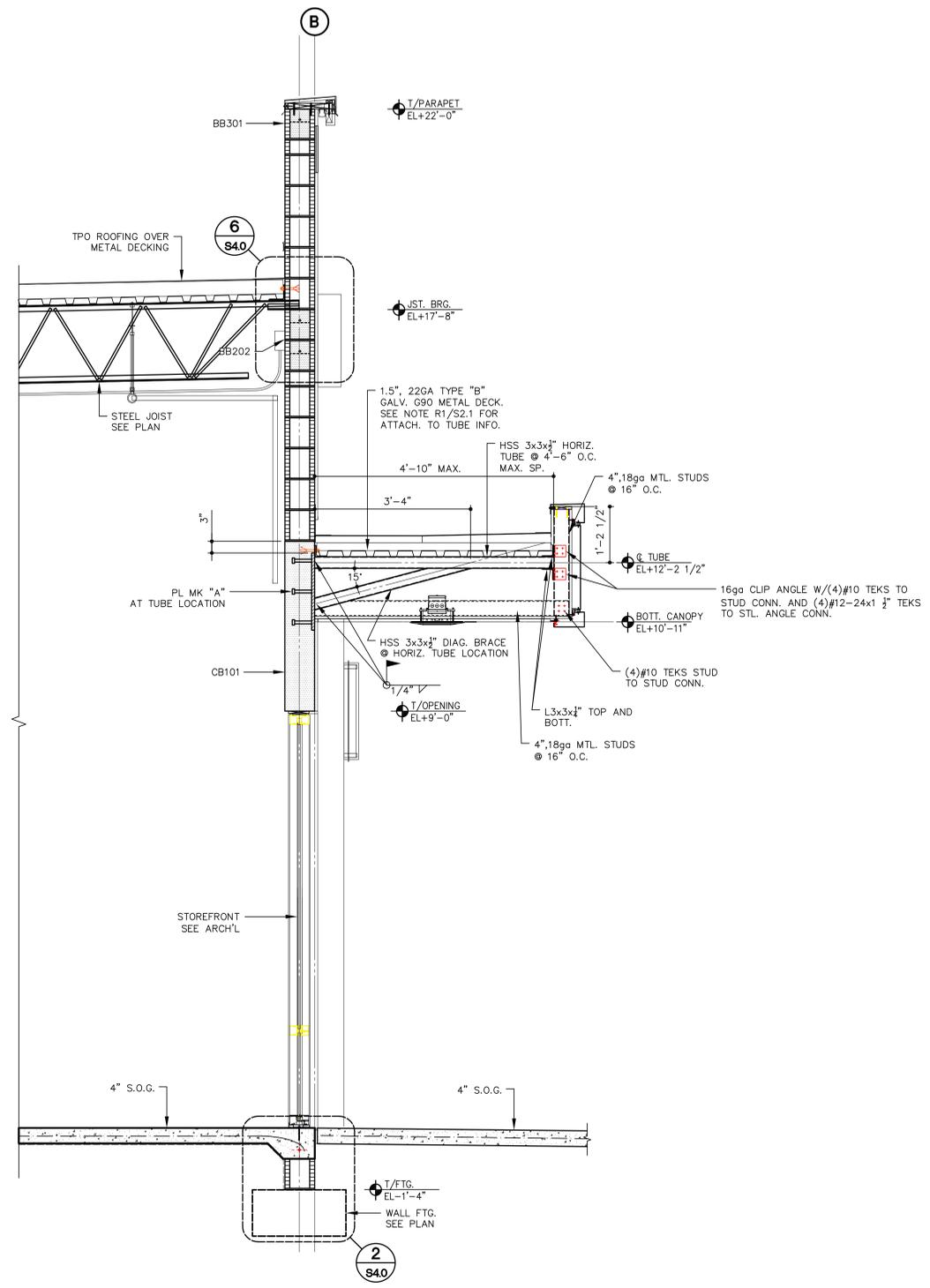
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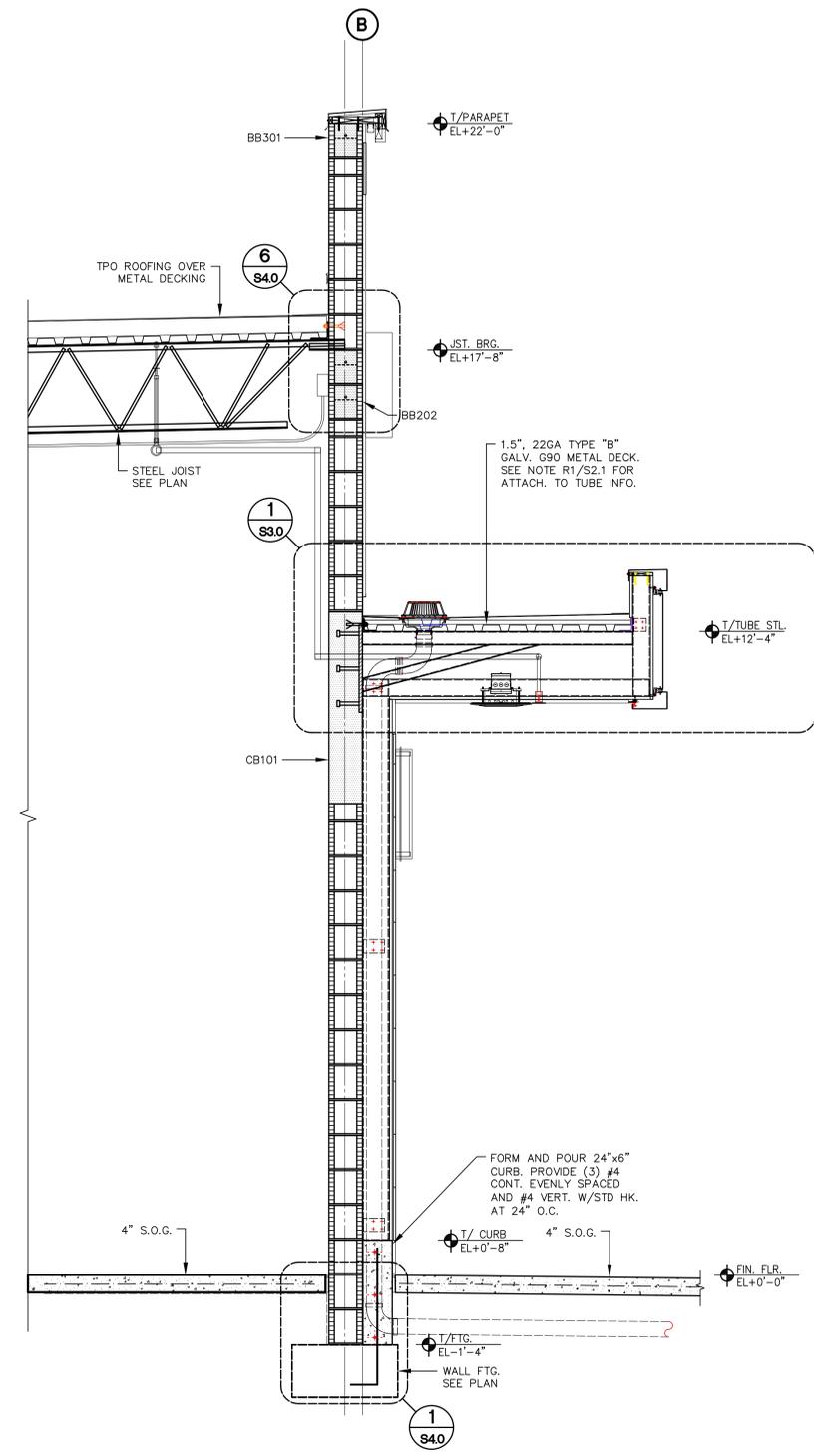
SHADOWWOOD SQUARE BUILDING 'O'
 SHELL DRAWINGS

Palm Beach County, Florida

STRUCTURAL BUILDING SECTIONS	
JOB NUMBER	JSG 25014
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SHEET NUMBER	S3.0

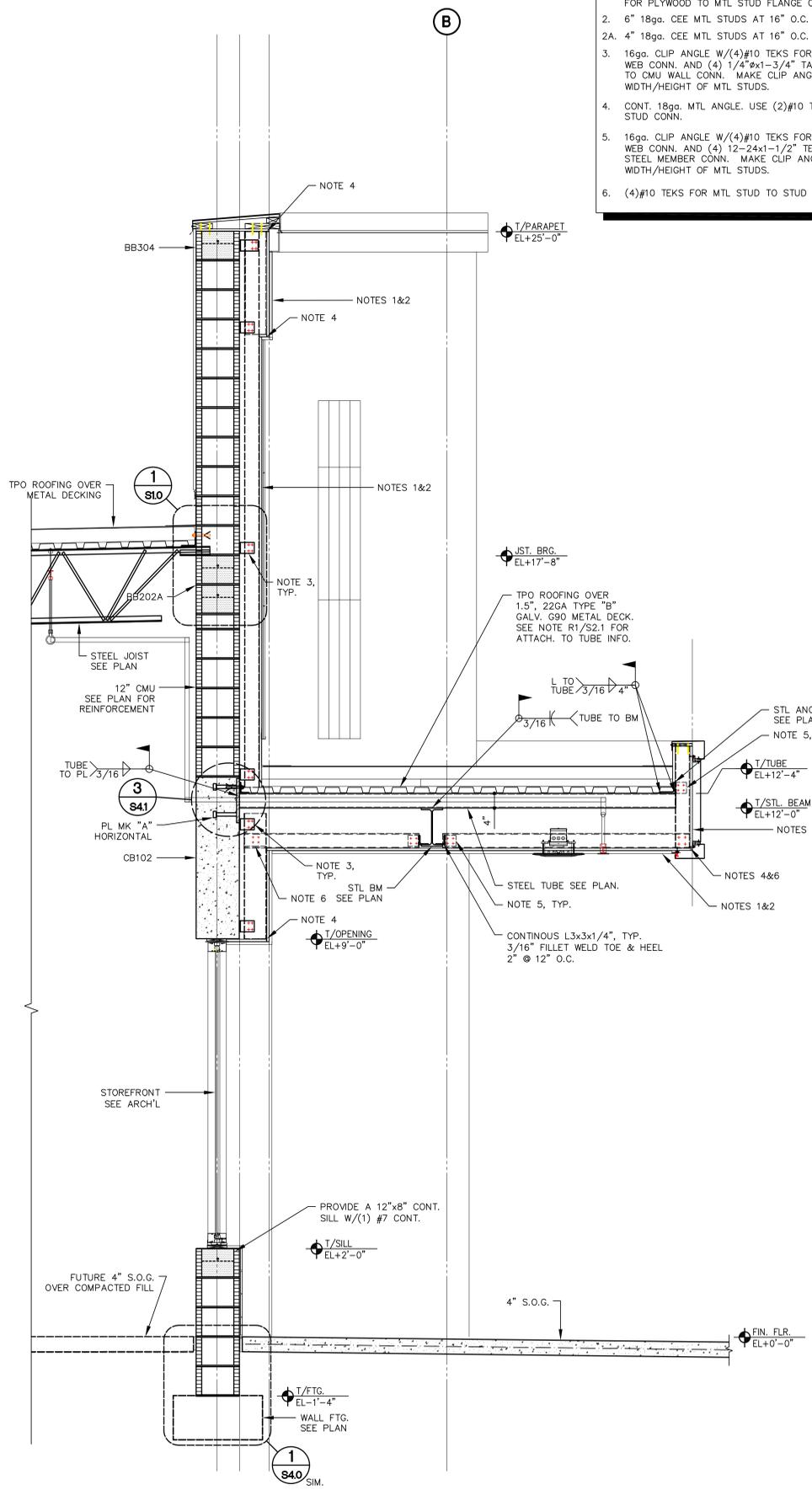


1 BUILDING SECTION
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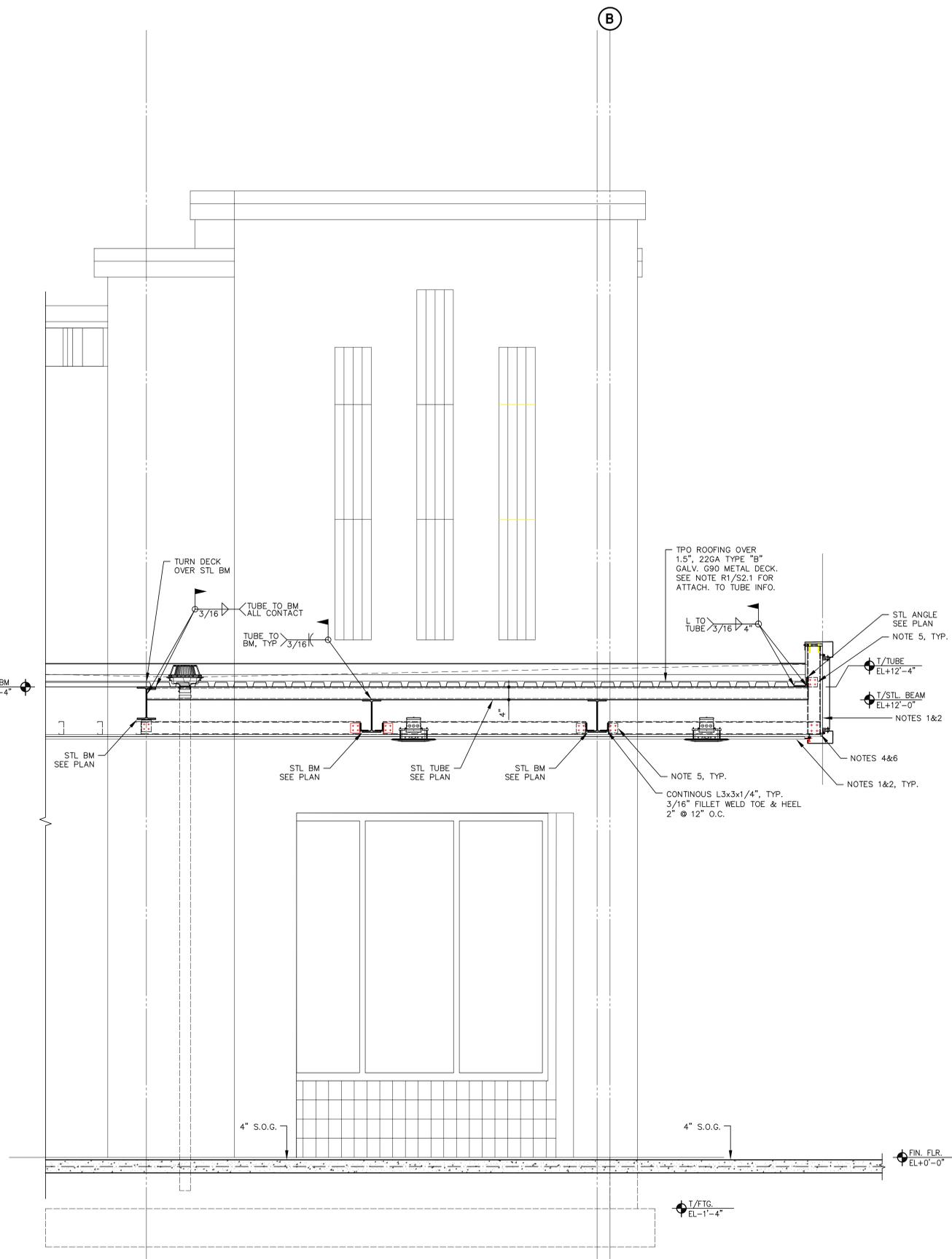


2 BUILDING SECTION
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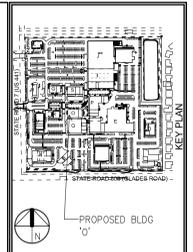
- METAL STUD (50KS) AND PLYWOOD CONNECTIONS:**
- 5/8" THK FRT PLYWOOD SHEATHING. PROVIDE #8-1 3/4" S-12 ROCK ON SCREWS AT 8" O.C. ALONG STUD SPAN FOR PLYWOOD TO MTL STUD FLANGE CONN.
 - 6" 18ga. CEE MTL STUDS AT 16" O.C.
 - 16ga. CLIP ANGLE W/(4)#10 TEKS FOR CLIP TO MTL STUD WEB CONN. AND (4) 1/4"x1-3/4" TAPCONS FOR CLIP TO CMU WALL CONN. MAKE CLIP ANGLE FULL WIDTH/HEIGHT OF MTL STUDS.
 - CONT. 18ga. MTL ANGLE. USE (2)#10 TEKS FOR ANGLE TO STUD CONN.
 - 16ga. CLIP ANGLE W/(4)#10 TEKS FOR CLIP TO MTL STUD WEB CONN. AND (4) 12-24x1-1/2" TEKS FOR CLIP TO STEEL MEMBER CONN. MAKE CLIP ANGLE FULL WIDTH/HEIGHT OF MTL STUDS.
 - (4)#10 TEKS FOR MTL STUD TO STUD CONN.



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



2 BUILDING SECTION
SCALE: 3/4"=1'-0"



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