## STRUCTURAL NOTES

### **GENERAL**

- 1. DESIGN CODE DATA
- 2018 INTERNATIONAL BUILDING CODE
- (IF APPLICABLE)
- 2020 FLORIDA STATE BUILDING CODE ASCE 7-16: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER
- ACI 318-14: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
- ANSI/ AF&PA NDS-2005: NATIONAL DESIGN SPECIFICATION FOR WOOD STRUCTURE
- ACI 530-08/ ASCE 5-08/ TMS 402/602-16: BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES
- 2. BUILDING OCCUPANCY CATEGORY= III (PER ASCE 7-16 TABLE 1-1).

### 3. DESIGN LOADS:

- LIVE LOADS: ROOF = 20 PSF
- COLLATERAL LOADS = 11 PSF (WET FIRE SYSTEM = 8PSF & INSULATION + LIGHTS = 3 PSF)
- WIND SPEED = 160 MPH (ULT)

MATERIAL SPECIFICATIONS

SLAB ON GRADE -

**ANCHOR RODS** 

MASONRY

**ADHESIVE ANCHORS** 

MASONRY GROUT

JOINT REINFORCEMENT

HOT ROLLED SHAPES-

HSS ROUND SHAPES

COLD FORM SHAPES

STRUCTURAL CEE

COLD FORM CEE-

22GA B DECK-

600S162-54-

600S200-54-

600S200-68-

800S162-54

800T200-54-

1000S162-54-

1000T200-54-

1000S300-97-

C6x10.5-

C8x11.5—

8x2.5x16ga Z PURLIN-

PZ26 SHEET PILE-

10"x2.5"x16ga Z PURLIN-

**MECHANICAL ANCHORS -**

FOOTINGS AND FOUNDATION WALLS

CONCRETE REINFORCING STEEL

WELDED WIRE REINFORCEMENT

POWDER DRIVEN FASTENERS -

CONCRETE MASONRY UNITS -

MORTAR: TYPE S- BELOW GRADE -

MORTAR: TYPE N- ABOVE GRADE

MASONRY REINFORCING STEEL

STRUCTURAL STEEL PLATES

HSS RECTANGULAR SHAPES-

ALL OTHER CIP CONCRETE NOT NOTED -

EXPOSURE = B

- ENCLOSURE CLASSIFICATION = ENCLOSED KD = 0.85
- KZT= 1.0
- BASE VELOCITY PRESSURE, QH=39.0 PSF
- (14) 3000 lb BASKETBALL GOALS IN GYM
- (2) 2887 lb A/C UNITS ON GYM ROOF • (6) 1200 lb MAX. A/C UNITS ON MULTI-PURPOSE BUILDING ROOF
- (1) 2431 lb A/C UNIT ON MULTI-PURPOSE BUILDING ROOF
- 75 LB/FT CURTAIN LOAD @ FRAME-LINE 4 175 LB/FT CURTAIN LOAD @ MULTI-PURPOSE BUILDING (SEE
- PLANS FOR LOCATION)
- 50 LB SPEAKER LOAD @ EA. CORNER OF GYMNASIUM. (SUPPORT STRUCTURE BY P.E.M.B.)

METAL CANOPY MUST MEET 160 MPH EXP B REQUIREMENTS

# SEISMIC LOADS

## Ss = 0.068Si = 0.05

- SITE CLASS = D IE = 1.25
- SEISMIC DESIGN
- CATEGORY = B Sds = 0.0725

Sdi = 0.08

	160 MPH COMPONENTS AND CLADDING						
ROOFS	DESIGN PRE	SSURE (ULT)	DESIGN PRESSURE (ASD)				
TRIBUTARY AREA 10 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)			
ZONE 1 max	18.7	73.4	11.2	44.0			
ZONE 2 max	18.7	96.8	11.2	58.1			
ZONE 3 max	18.7	131.9	11.2	79.1			
TRIBUTARY AREA 100 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)			
ZONE 1 max	16.7	57.3	10.0	34.4			
ZONE 2 max	16.7	76.1	10.0	45.7			
ZONE 3 max	16.7	90.6	10.0	54.3			
WALLS	DESIGN P	RESSURE	DESIGN PRESSURE				
TRIBUTARY AREA 10 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)			
ZONE 4	42.1	45.7	25.3	27.4			
ZONE 5	42.1	56.2	25.3	33.7			
TRIBUTARY AREA 100 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)			
ZONE 4	39.1	43.0	23.5	25.8			
ZONE 5	39.1	47.9	23.5	28.7			

PARAPET PRESSURE				
(ULT) (ASD) (PSF)				
99.8	59.9			
131	78.6			
	(ASD) 99.8			

- 3,500 PSI @ 28 DAYS - 3,500 PSI @ 28 DAYS

— 3,500 PSI @ 28 DAYS

60 KSI. ASTM A615

HILTI DS OR EQUAL

1,800 PSI, ASTM C270

750 PSI. ASTM C270

- 60 KSI, ASTM A615

+#9, ASTM A83

55 KSI STEEL

50 KSI STEEL

46 KSI STEEL

46 KSI STEEL

- 50 KSI STEEI

Fy = 36 KSI

 $F_V = 50 \text{ KSI}$ 

GRADE 50

 $Ix = 2.86in^4$ 

–Sx = 1.1in<sup>3</sup>

 $1x = 3.39in^4$ 

–Sx = 1.39in<sup>3</sup>

 $1x = 4.18in^4$ 

-Sx = 1.43in  $1x = 5.74in^3$ 

-Sx = 1.5in<sup>3</sup>

lx = 6.15in⁴

−Sx = 1.99in<sup>3</sup>

 $Ix = 9.95in^{4}$ 

–Sx = 7.06in<sup>3</sup>

 $Ix = 10.5in^3$ 

−Sx = 4.86in<sup>3</sup>  $Ix = 24.3in^3$ 

-Sx = 5.06in<sup>3</sup>

 $Ix = 15.2in^{4}$ 

–Sx = 8.14in<sup>3</sup>

 $Ix = 32.6in^4$ 

−Sx = 1.98in<sup>°</sup>

 $Ix = 7.93in^4$ 

-Sx = 2.69in<sup>3</sup>

 $Ix = 13.45in^4$ 

 $Sx = 112.4 \text{ in}^3$  $Ix = 994.3 in^4$ 

-Fy = ASTM A572 GR50

- Sx = 0.954in<sup>3</sup>

- 3,000 PSI, ASTM C476

ASTM F1554 GRADE 36

HILTI HAS-E THREADED ROD WITH 150 HY

- F'm= 1,500 PSI, ASTM C90 NORMAL WEIGHT UNITS

INJECTION ADHESIVE OR EQUAL

HILTI KWIK BOLT III OR EQUAL

- 65 KSI. ASTM A185

PRE-ENGINEERED METAL BUILDING NOTES

## 1. ALL FRAMES ARE RIGID. NO COLUMN & BEAM ENDWALLS

- 2. ALL BRACES ARE RODS BY P.E.M.B.
- 3. MASONRY WALL ARE SUPPORTED WITH SPANDRAL BEAM @ TOP OF WALL
- 4. MAIN FRAMES ARE STRAIGHT UP TO 13'-0" A.F.F. THEN MAY TAPER
- 5. MAX HAUNCH DEPTH IS 46"
- 6. CLEAR HEIGHT FOR HAUNCH IS 21'-0"
- 7. ANCHOR BOLTS: F 1554 GRADE 36 W/ MIN. 4" PROJECTION W/ 3/16 WASHER AND HEAVY NUT
- 8. FRAMING BOLTS: A325 OR A490

#### 140 MPH COMPONENTS AND CLADDING DESIGN PRESSURE (ULT) DESIGN PRESSURE (ASD) ROOFS POSITIVE (PSF) NEGATIVE (PSF) POSITIVE (PSF) NEGATIVE (PSF TRIBUTARY AREA 10 S ZONE 1 max 33.7 ZONE 2 max 16.7 74.1 10.0 44.5 ZONE 3 max 16.7 101.0 10.0 60.6 TRIBUTARY AREA 100 S POSITIVE (PSF) NEGATIVE (PSF)|POSITIVE (PSF)|NEGATIVE (PSF ZONE 1 max 43.9 10.0 26.3 ZONE 2 max 16.7 10.0 35.0 58.3 ZONE 3 max 16.7 10.0 69.3 41.6 DESIGN PRESSURE DESIGN PRESSURE WALLS

PARAPET PRESSURE				
(ULT)	(ULT) (ASD)			
ZONE 4	75.8	45.5		
ZONE 5	99.6	59.7		

#### TRIBUTARY AREA 10 SF POSITIVE (PSF) | NEGATIVE (PSF) | POSITIVE (PSF) | NEGATIVE (PSF ZONE 4 32.3 35.0 19.4 21.0 ZONE 5 32.3 43.0 25.8 RIBUTARY AREA 100 SF POSITIVE (PSF) NEGATIVE (PSF) POSITIVE (PSF)NEGATIVE (PSF 30.0 33.0 ZONE 4 18.0 19.8 ZONE 5

	30.0		30.7		10.0	
PARAPET PRESSURE						
	(ULT)		(ASD)		(PSF)	
	ZONE 4		75.8		45.5	

# **CONCRETE CONSTRUCTION**

GENERAL (CONTINUED)

H/240 DRIFT W/ 10YR WIND

CURTAIN WALL: L/240

4. MAXIMUM ALLOWABLE DEFLECTION CRITERIA

CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED

7. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND ALL JOB SITE SAFETY.

CONTRACTOR'S FAILURE TO COORDINATE THE WORK WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

2

ROOF: L/180 LIVE LOAD; L/120 TOTAL LOAD

DESIGNER / ENGINEER IMMEDIATELY.

ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM WITH THE LOCAL BUILDING CODE REQUIREMENTS AND THOSE OF THE LATEST EDITION OF THE FOLLOWING STANDARDS: ACI 318, ACI 315, ACI 301, AND ACI 307.

0.6h (TYP.)

0.6h (TYP.)

- ALL CONCRETE, UNLESS SPECIFICALLY NOTED, SHALL BE NORMAL WEIGHT (145 PCF).
- 3. THE COMPRESSIVE STRENGTH OF ALL GROUT USED TO PROVIDE LEVEL BEARING OF COLUMN BASE PLATES SHALL MEET OR EXCEED THE COMPRESSIVE STRENGTH OF THE SUPPORTING CONCRETE MEMBER
- CONCRETE REINFORCING SHALL HAVE THE FOLLOWING MINIMUM PROTECTIVE COVER
- CONCRETE CAST AGAINST EARTH = 3"
- CONCRETE EXPOSED TO EARTH OR WEATHER • #6 THROUGH #18 BARS = 2"
- #5 BAR AND SMALLER = 1-1/2"
- CONCRETE WITH INTERIOR EXPOSURE: SLABS, WALLS, JOISTS #14 AND #18 BARS = 1-1/2"
- #11 BAR AND SMALLER = 3/4"
- 5. UNLESS NOTED OTHERWISE ON THE DRAWINGS ALL REINFORCING SHALL BE LAPPED TO DEVELOP ITS CAPACITY AS FOLLOWS: (SEE TABLE FOLLOWING THIS SECTION)
- 6. SLAB-ON-GRADE SHALL HAVE CLASS 'A' TOLERANCE.
- 7. A 6-MIL. (MIN.) POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED NOT LESS THAN 6" SHALL BE PLACED BETWEEN THE SAND BASE AND THE CONCRETE FLOOR.
- 8. CALCIUM CHLORIDE AND OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.
- 9. PLACING OF CONCRETE SHALL BE DONE IN CONFORMANCE WITH ACI-306 FOR COLD WEATHER AND ACI-305 FOR HOT WEATHER

BAR SIZES	STANDARD	TOP BAR	"B" SPLICE	HOOK
#3	13"	16"	16"	6"
#4	20"	24"	24"	8"
#5	28"	44"	44"	10"
#6	36"	60"	60"	12"
#7	52"	82"	82"	14"

NOTE: MULTIPLY LAP LENGTHS BY 1.3 FOR TOP BAR CONDITIONS, TOP BARS ARE HORIZONTAL BARS WITH 12 INCHES OR MORE OF CONCRETE BELOW.

5. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON THE NEW STRUCTURAL STEEL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN

6. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY

8. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO THE START OF CONSTRUCTION - RESOLVE ANY DISCREPANCY WITH DESIGNER / ENGINEER. DO NOT SCALE DRAWINGS.

10. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTING. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCY IMMEDIATELY.

11. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL BUILDING MATERIALS AND COMPONENTS. COMPONENT LOCATIONS ARE SHOWN FOR DESIGN INTENT, NOT EXACT LOCATION,

12. ALTERNATE STEEL COLUMN SIZING FOR 140 MPH WIND SPEED IS LOCATED ON SHEETS S2.13ALT ALL OTHER SIZING AND DESIGN REMAINS UNCHANGED U.O.N.

SPECIFICALLY.INDEPENDENTLY PREPARED SHOP DRAWINGS ARE REQUIRED OF ALL TRADES FOR COORDINATION AND BEST PRACTICE. ERRORS OR OMISSIONS IN INSTALLATION DUE TO THE

9. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL, AND OTHER DESIGN CONSULTANT'S DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR

BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.

COORDINATING SUCH REQUIREMENTS INTO THE SHOP DRAWINGS. ANY APPARENT DISCREPANCIES, LIMITATIONS OR CONCERNS RESULTING FROM THIS COORDINATION SHOULD BE RESOLVED WITH THE

1

0.6h (TYP.)

0.6h (TYP.)

- 0.2h (TYP.)

## **FOUNDATION**

ALLOWABLE SOIL BEARING CAPACITY PER MAGNUM ENGINEERING MLK REC CENTER, DATED: 6/15/2022

- GRADE AREAS IN ACCORDANCE WITH ELEVATIONS AND AS REQUIRED FOR DRAINAGE.
- 2. ALL SLAB ON GRADE AREAS SHALL BE PROOF ROLLED. ALL SOFT SPOTS SHALL BE REMOVED AND REPLACED WITH COMPACTABLE FILL
- 3. SLAB ON GRADE TO BE CONSTRUCTED ON A MINIMUM OF 6" OF COMPACTED GRANULAR FILL.
- 4. ALL FILL MATERIAL USED IN GRADING OPERATIONS SHALL CONSIST OF EARTH, WHICH IS FREE OF DEBRIS, BOULDERS OR ORGANIC MATERIAL. FILL SHALL BE PLACED IN MAXIMUM OF 12" LIFTS AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY.
- 5. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED FILL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY AS INDICATED BY MAGNUM ENGINEERING MLK REC. **CENTER DATED 6/15/2022.**
- 6. THE ENGINEER SHALL BE NOTIFIED IF ACTUAL FIELD CONDITIONS DO NOT MEET BEARING REQUIREMENTS OR, IF QUESTIONABLE SOIL CONDITIONS ARE DISCOVERED INCLUDING BUT NOT LIMITED TO PEAT AND OTHER HIGH ORGANIC SOILS.
- 7. GEOPIER (OR EQUAL) IS REQUIRED AT THE GYM TO IMPROVE BEARING PRESSURE. SEE \$2.0 FOR ASSUMED COLUMN LOAD DATA UNTIL REACTIONS FROM P.E.M.B. ARE PROVIDED

3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM

FL CERTIFICATE OF **AUTHORIZATION #33120** EDWIN SELLICENS No. 60549 STATE OF SS/ONAL EN

STRUCTURAL ENGINEER FLORIDA P.E. # 60549 EMBOSSED/ WET STAMP SCANNED AND ELECTRONICALLY TRANSMITTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE IS NO

EOR: ROBERT SEARCY P.E

THE PRESENCE OF BLUE IN DIGITAL PRINTED COPIES OF THIS DOCUMENT ARE NOT **CONSIDERED SIGNED AND** SEALED AND THE SIGNATUR MUST BE VERIFIED ON THE

ELECTRONIC COPIES

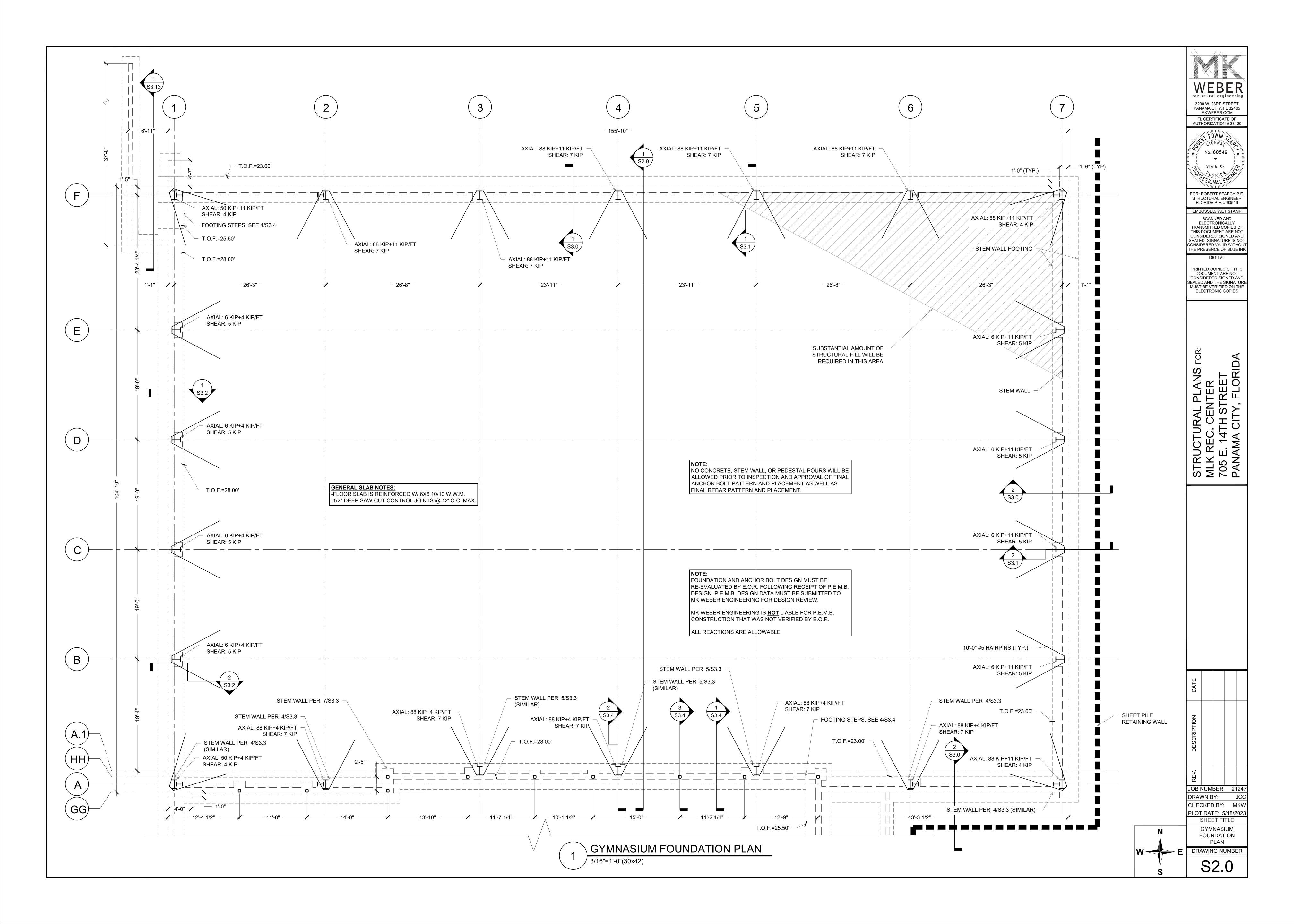
CONSIDERED VALID WITHOU

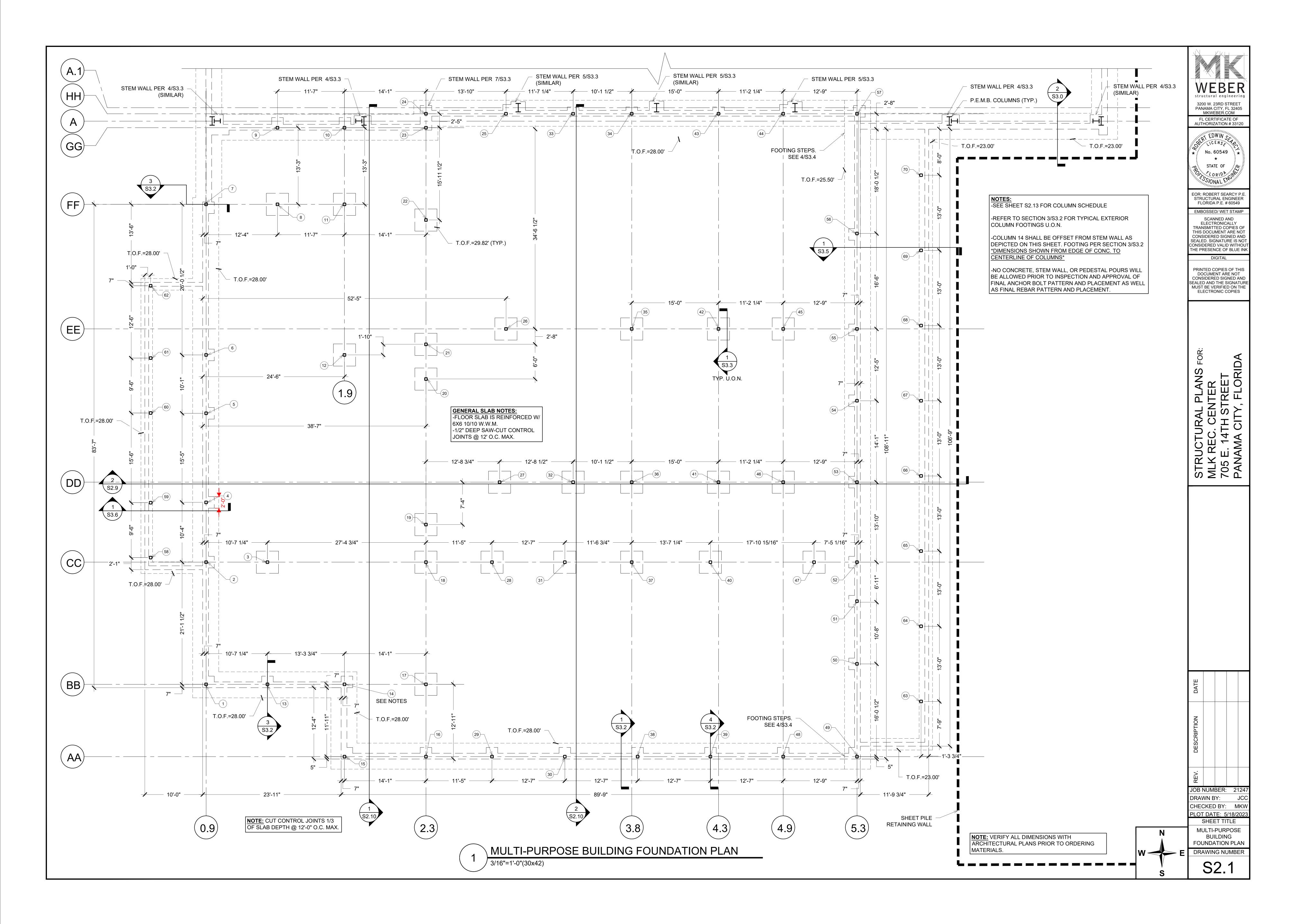
PLA TEF TREE STRUCTURAL P MLK REC. CENT 705 E. 14TH STF PANAMA CITY, F

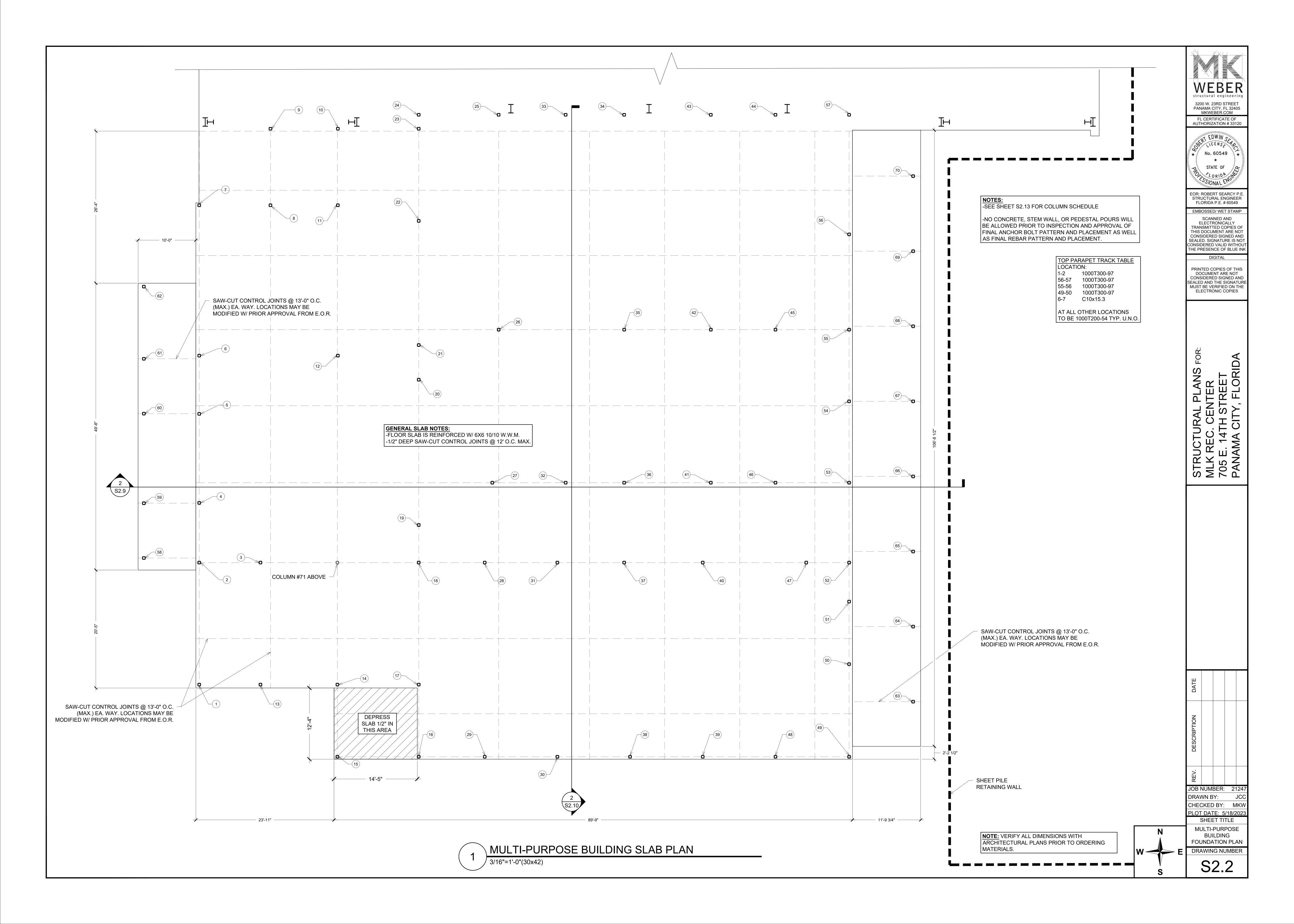
	DATE			
	DESCRIPTION			
	REV.			
	JOB NUMBER: DRAWN BY:			
	CHECKED BY:			

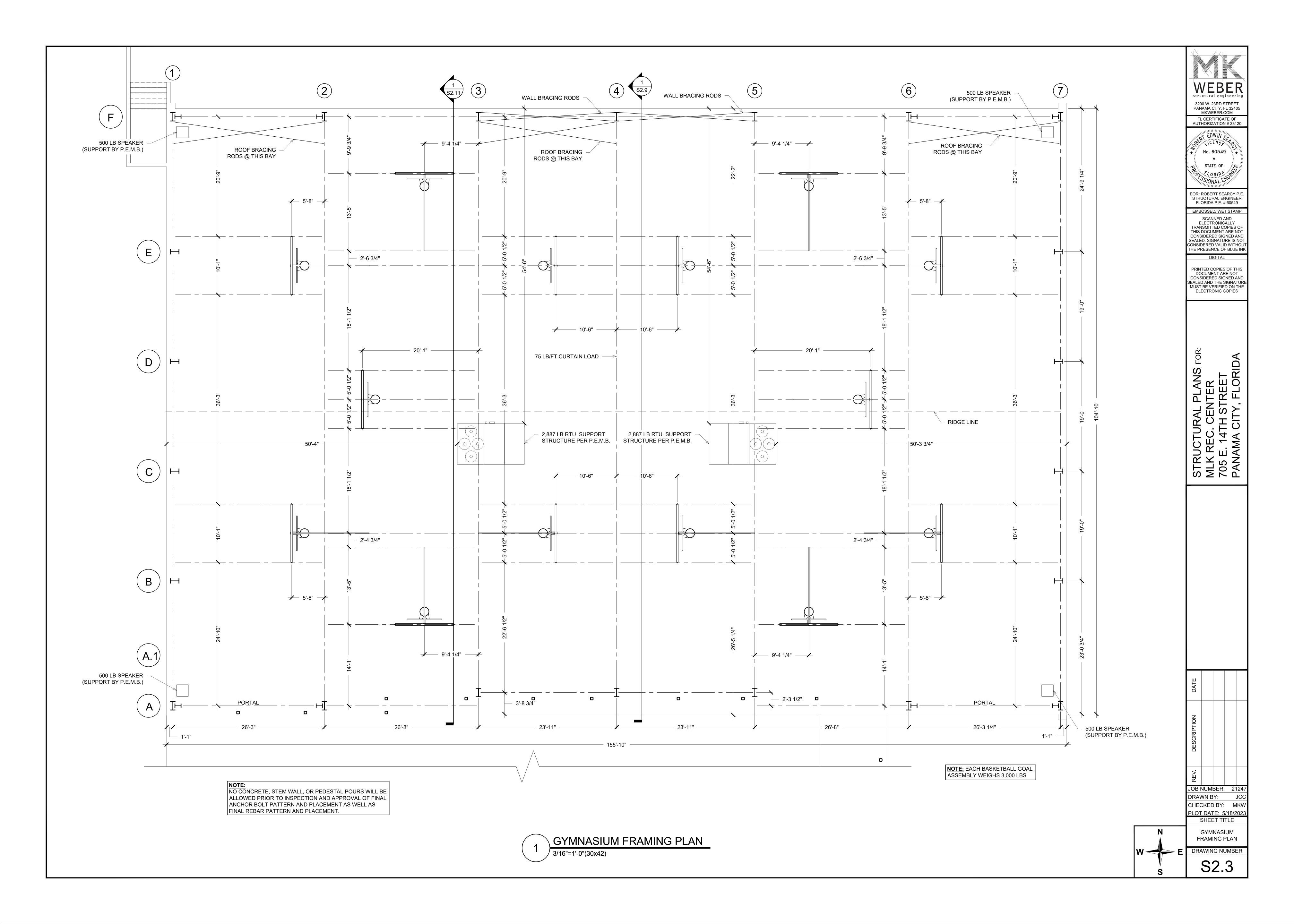
MKW PLOT DATE: 5/18/202 SHEET TITLE **STRUCTURAL** NOTES

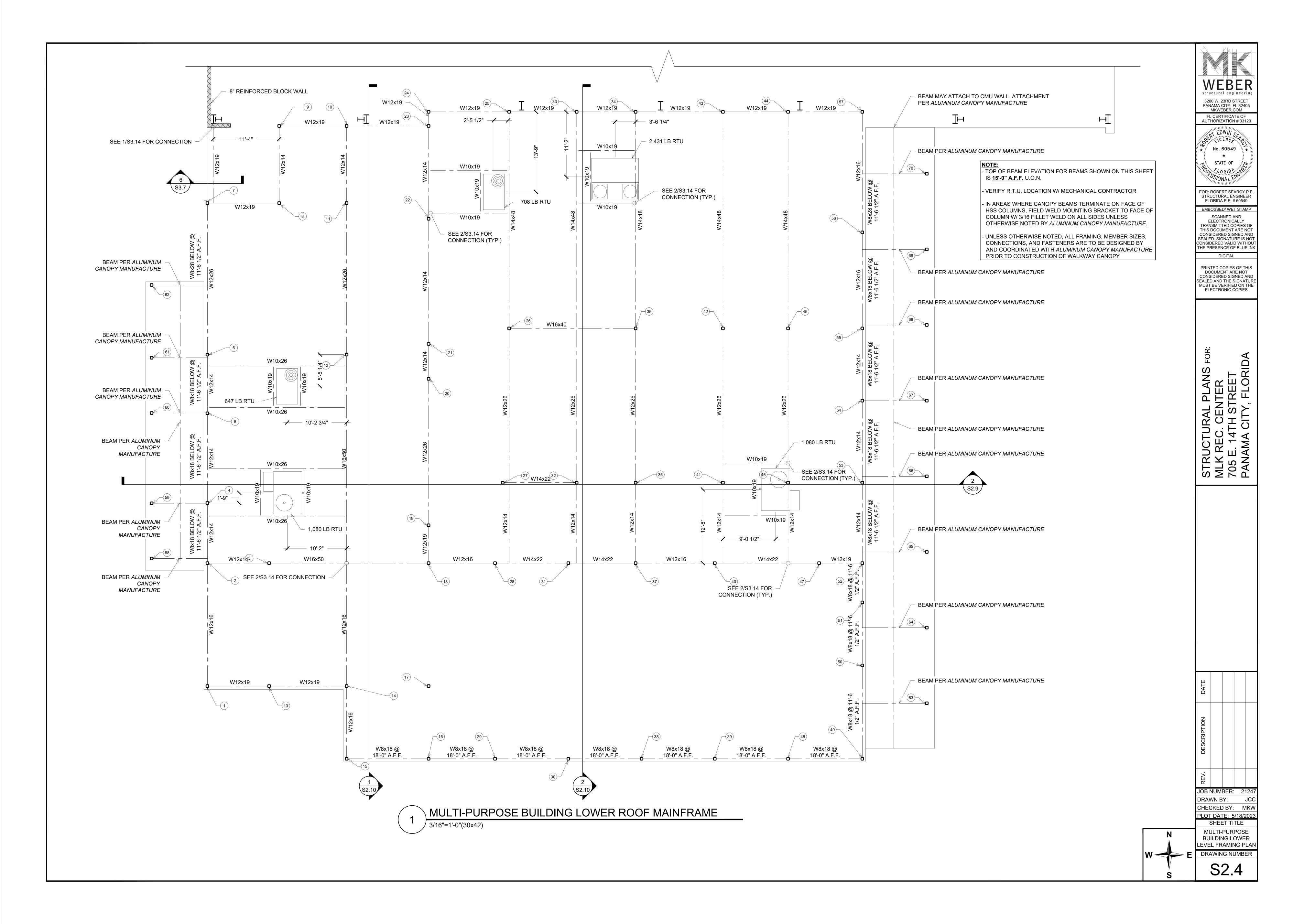
DRAWING NUMBER S1.0

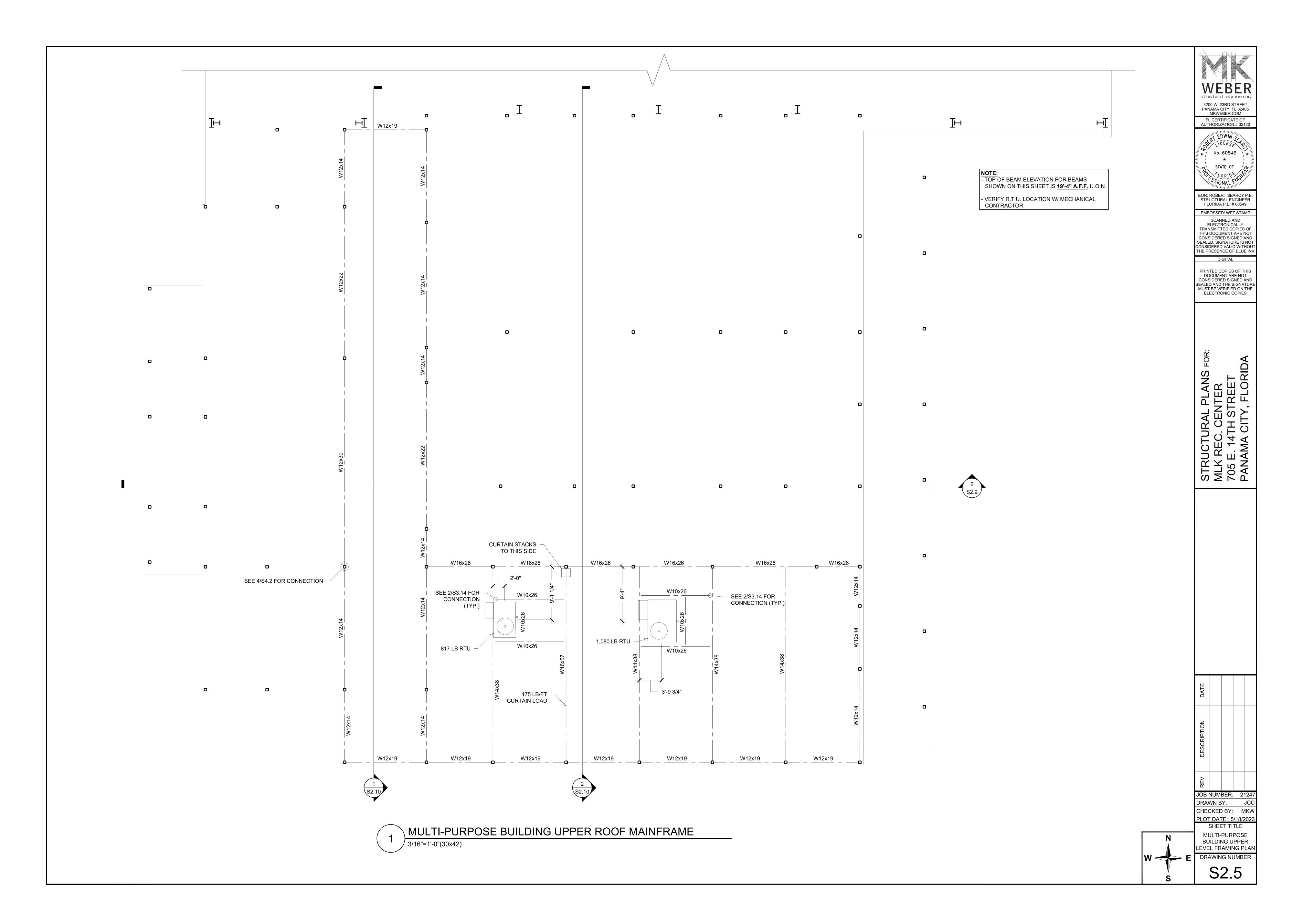


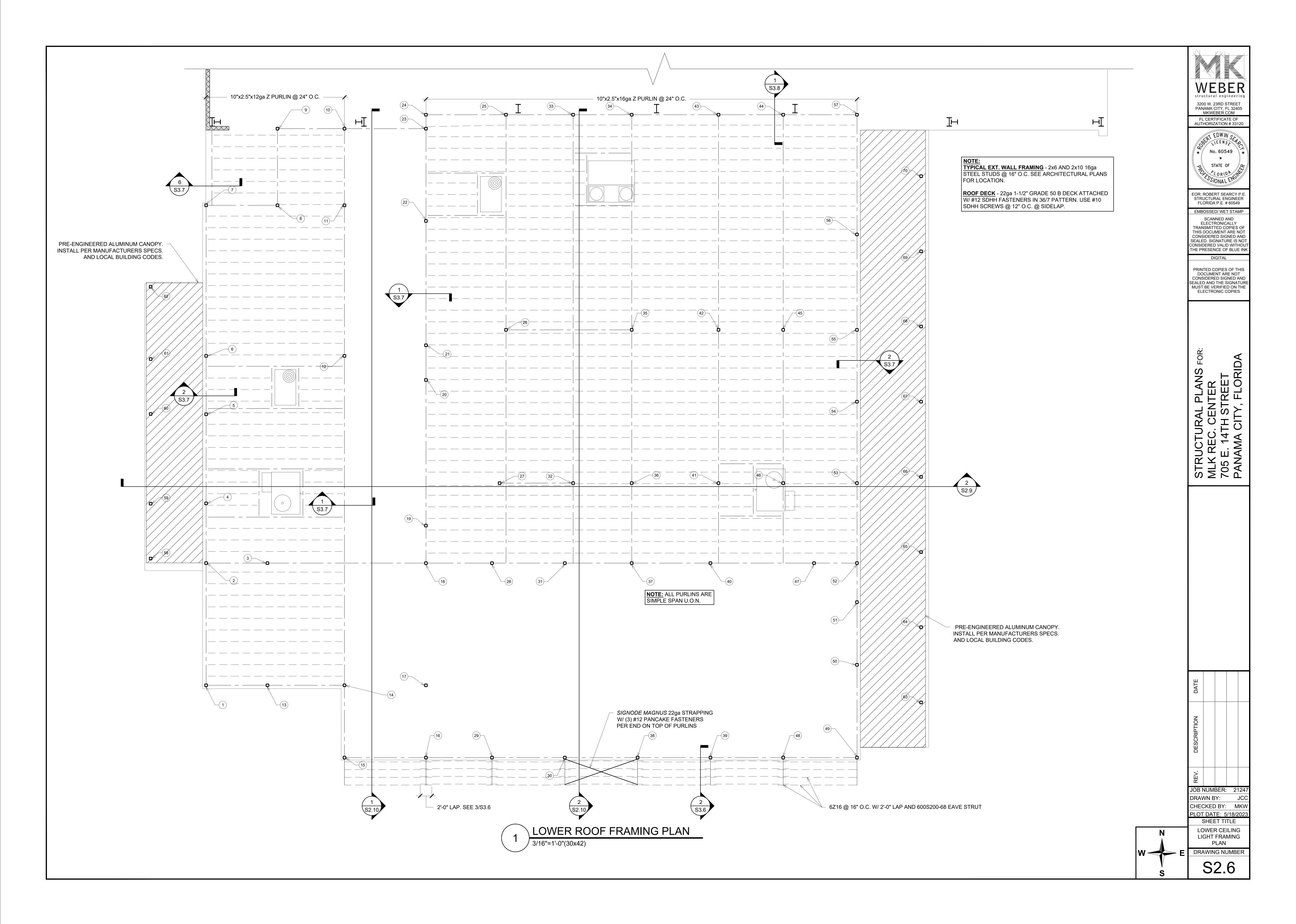


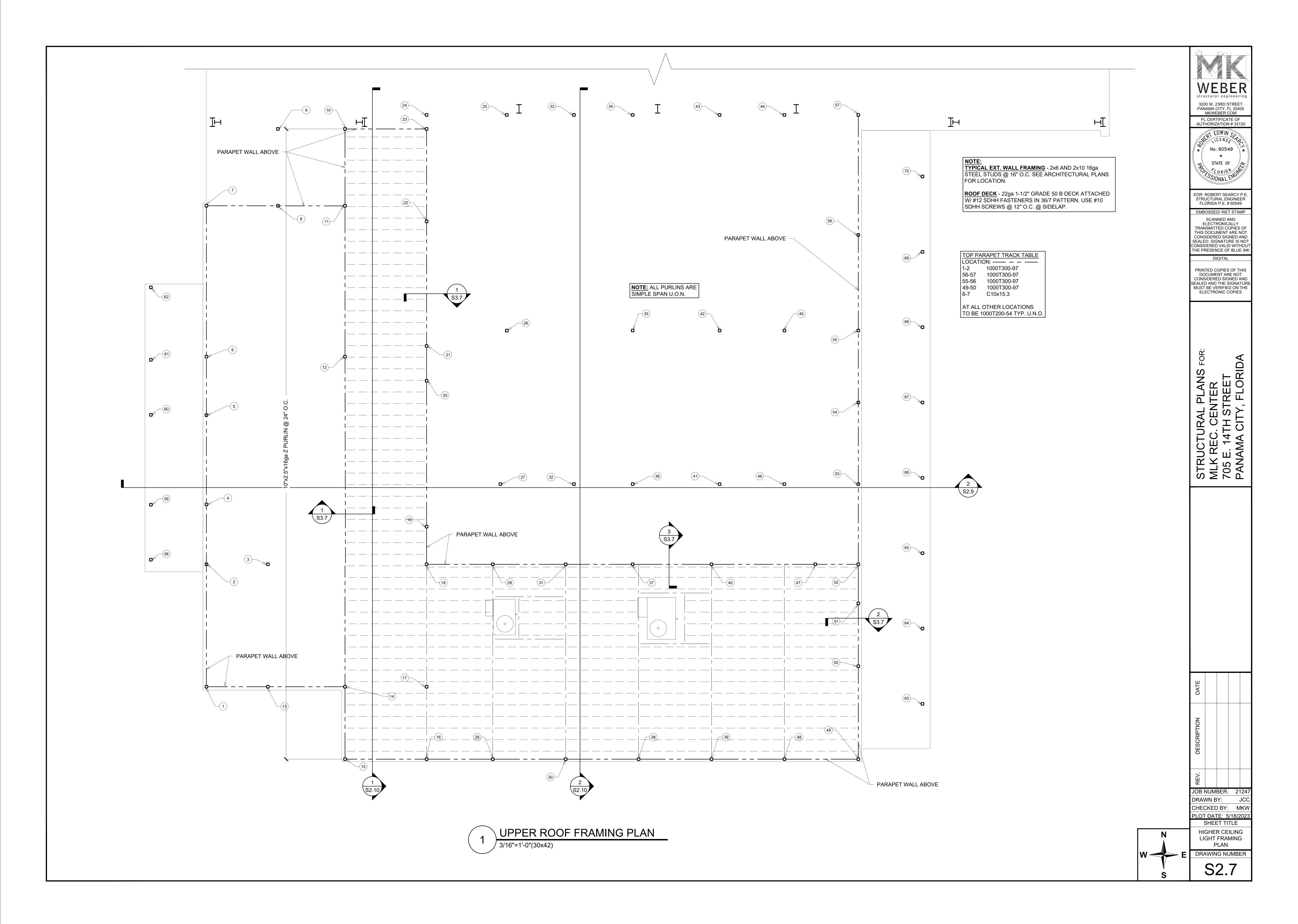


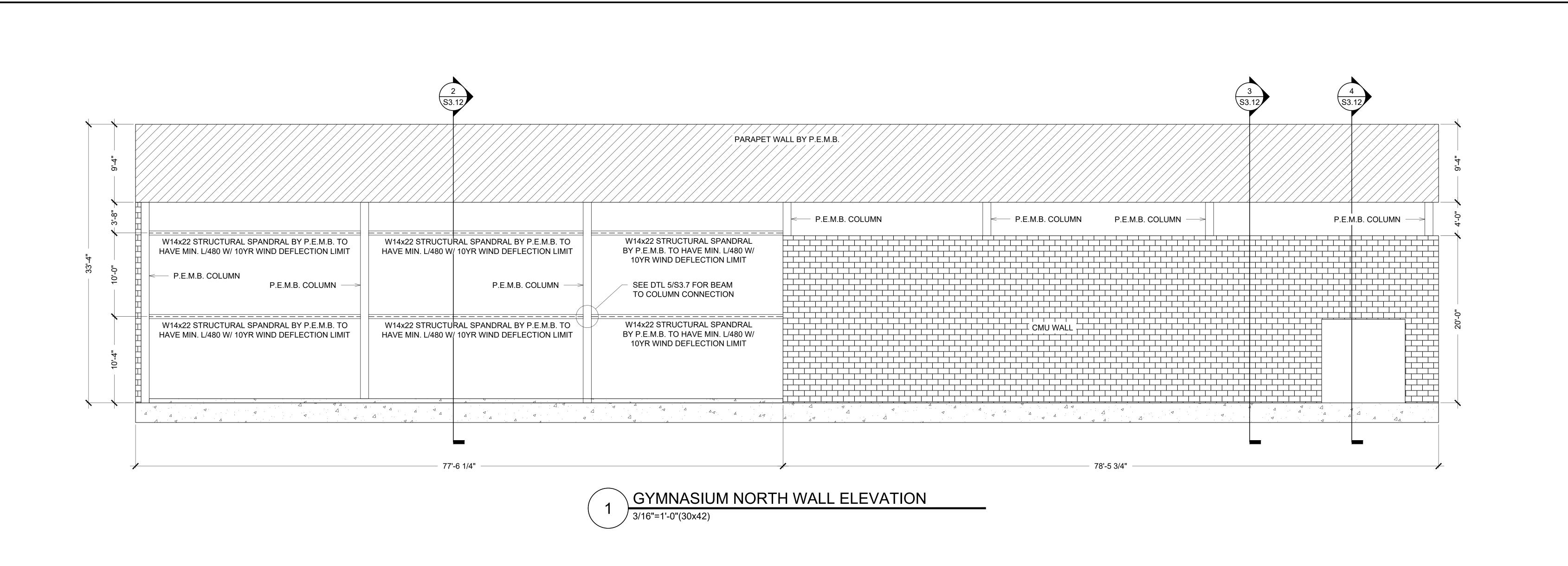


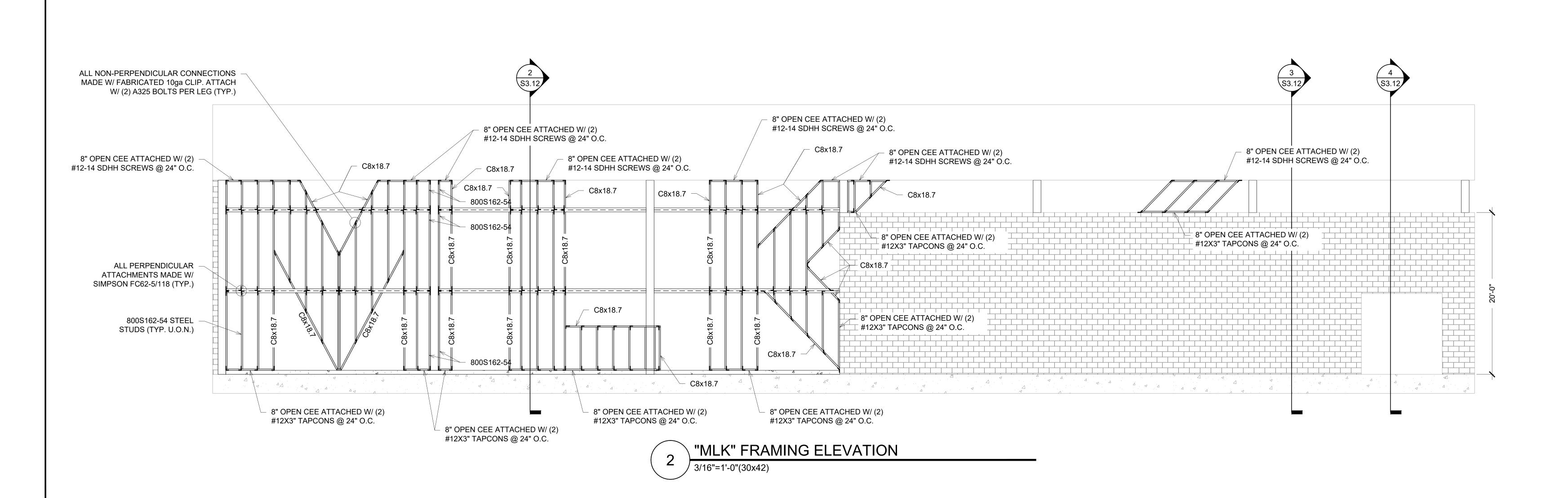












3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM FL CERTIFICATE OF AUTHORIZATION # 33120 EDWIN STATE No. 60549 STATE OF ON CORIDA SONALEN EOR: ROBERT SEARCY P.E STRUCTURAL ENGINEER FLORIDA P.E. # 60549 EMBOSSED/ WET STAMP SCANNED AND ELECTRONICALLY TRANSMITTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE IS NO CONSIDERED VALID WITHOU THE PRESENCE OF BLUE IN DIGITAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATUR MUST BE VERIFIED ON THE ELECTRONIC COPIES

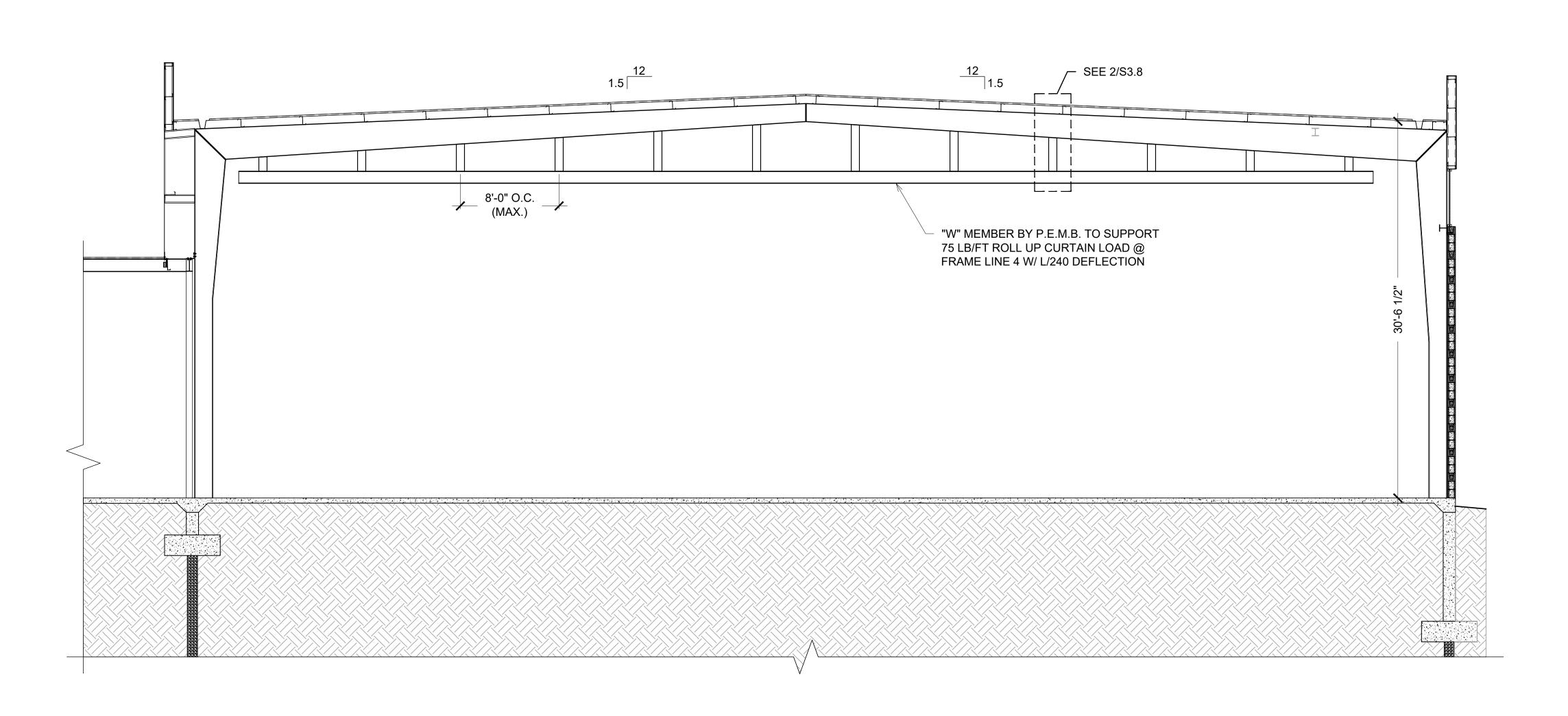
JOB NUMBER: 2124 DRAWN BY:

CHECKED BY: MKW PLOT DATE: 5/18/2023 SHEET TITLE

**GYMNASIUM NORTH** WALL FRAMING **ELEVATIONS** 

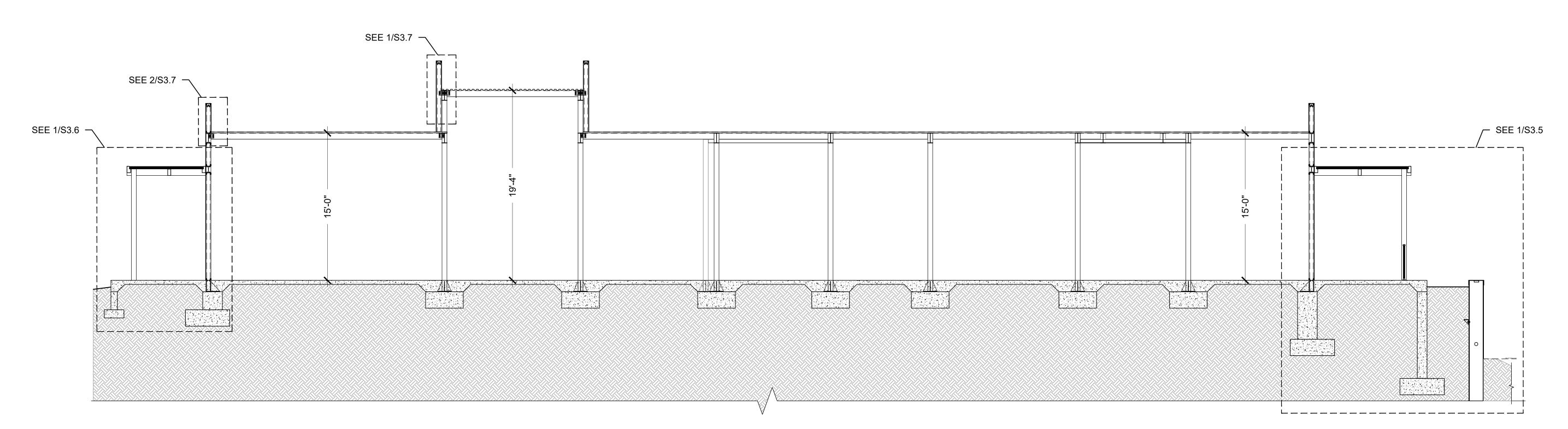
S2.8

DRAWING NUMBER



GYMNASIUM CROSS SECTION

3/16"=1'-0"(30x42)



2 MULTI-PURPOSE BUILDING CROSS SECTION
3/16"=1'-0"(30x42)

WEBER

structural engineering

3200 W. 23RD STREET
PANAMA CITY, FL 32405
MKWEBER.COM

FL CERTIFICATE OF
AUTHORIZATION # 33120

EDWIN

CENS

No. 60549

\*
STATE OF

CORIDA

COR

EOR: ROBERT SEARCY P.E.
STRUCTURAL ENGINEER
FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP

SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK

DIGITAL

PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

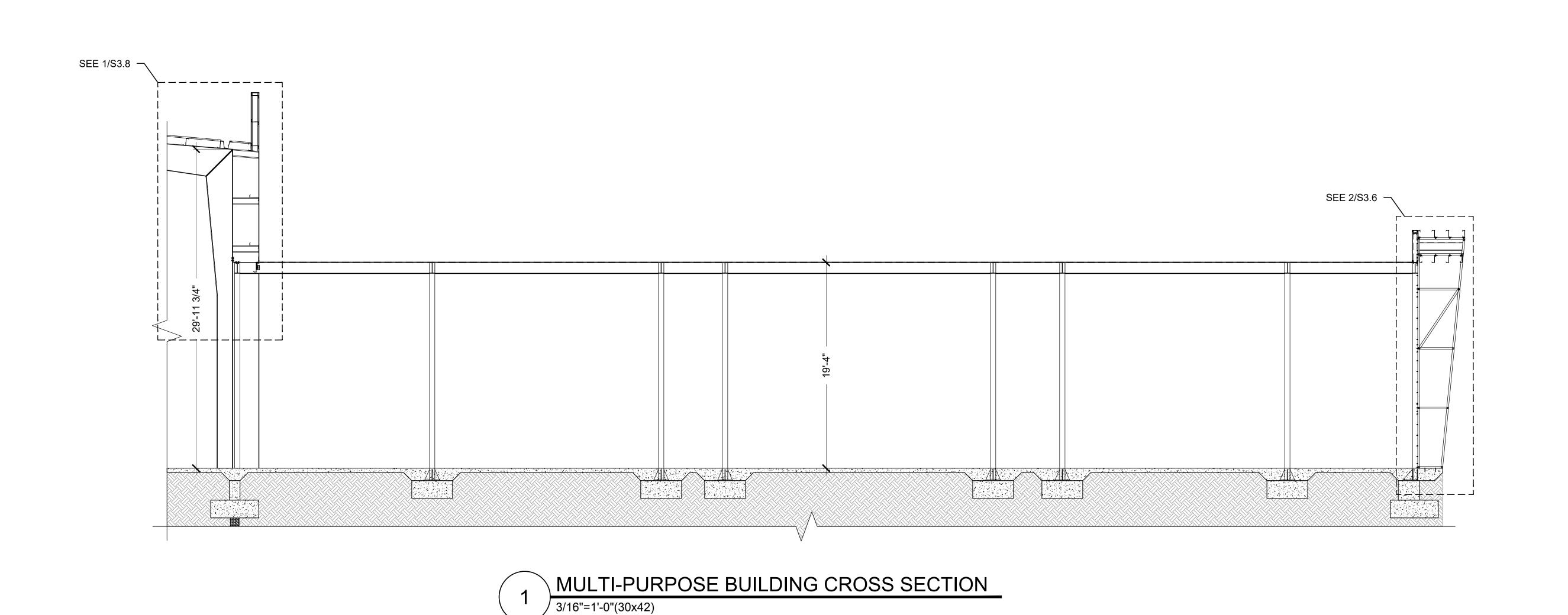
STRUCTURAL PLANS FOR:
MLK REC. CENTER
705 E. 14TH STREET
PANAMA CITY, FLORIDA

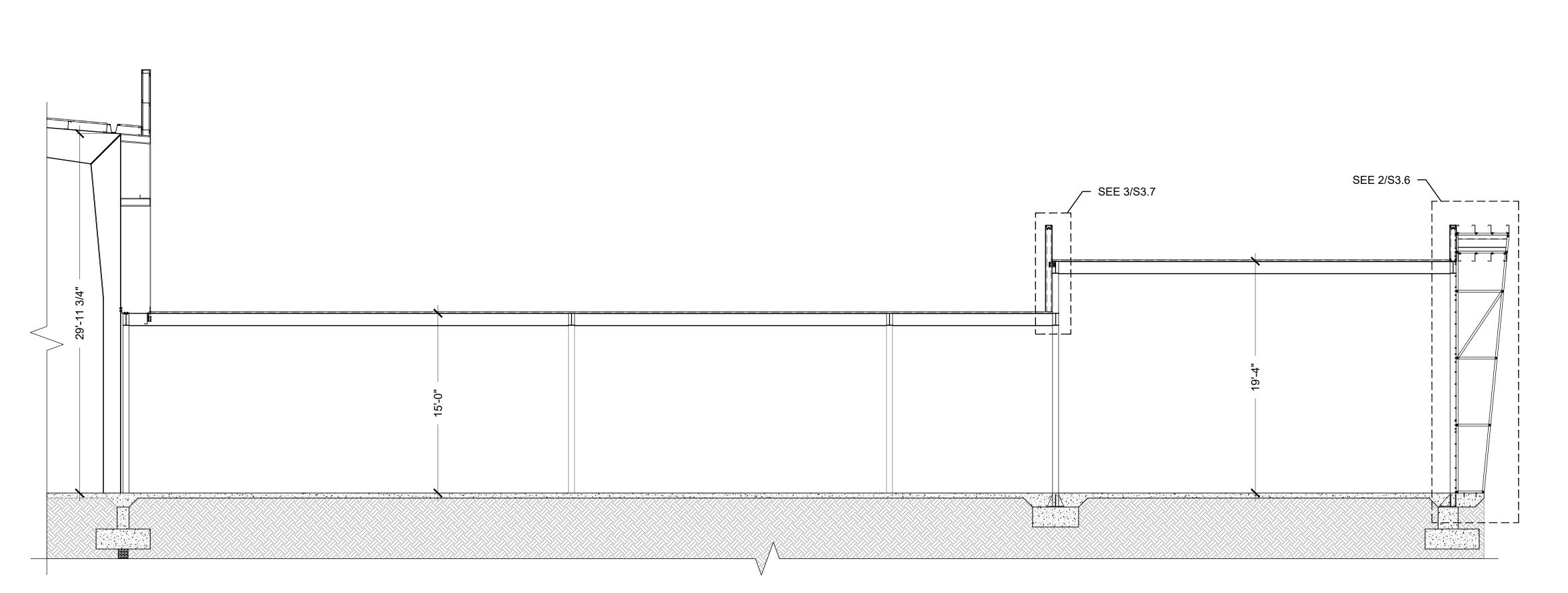
JOB NUMBER: 2124 DRAWN BY: JCC

DRAWN BY: JCC
CHECKED BY: MKW
PLOT DATE: 5/18/2023
SHEET TITLE
LOWER CEILING
LIGHT FRAMING

LIGHT FRAMING PLAN DRAWING NUMBER

S2.9





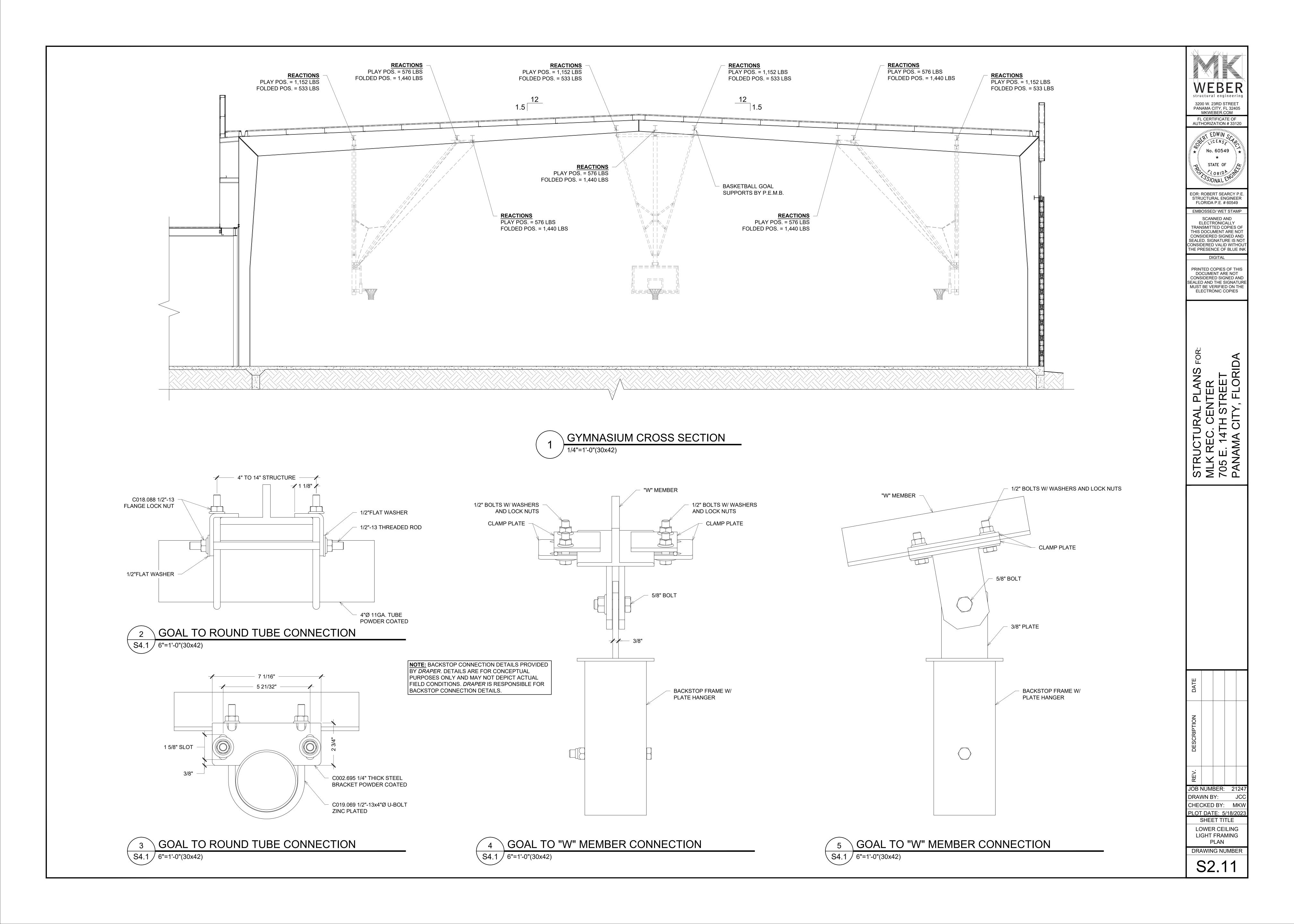
2 MULTI-PURPOSE BUILDING CROSS SECTION
3/16"=1'-0"(30x42)

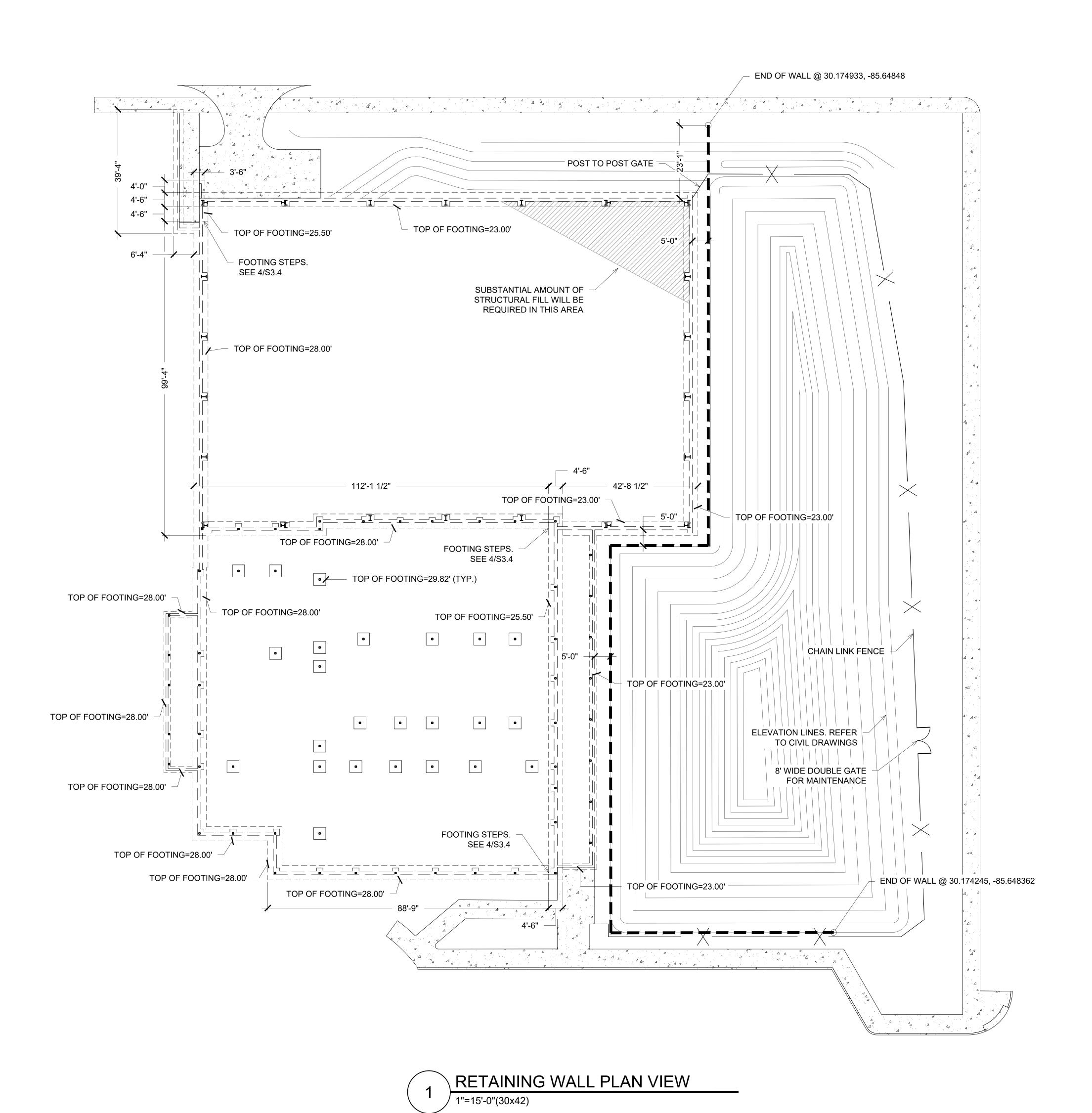
3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM FL CERTIFICATE OF AUTHORIZATION # 33120 EDWIN STATE No. 60549 STATE OF EOR: ROBERT SEARCY P.E. STRUCTURAL ENGINEER FLORIDA P.E. # 60549 EMBOSSED/ WET STAMP SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK DIGITAL PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

DATE				
DESCRIPTION				
REV.				
JOB 1	NUM	BER:	2	
DRAWN BY:				
CLIECKED DV:				

DRAWN BY: JCC
CHECKED BY: MKW
PLOT DATE: 5/18/2023
SHEET TITLE
LOWER CEILING
LIGHT FRAMING
PLAN
DRAWING NUMBER

S2.10





WEBER
structural engineering

3200 W. 23RD STREET
PANAMA CITY, FL 32405
MKWEBER.COM

FL CERTIFICATE OF
AUTHORIZATION # 33120

FL CERTIFICATE OF AUTHORIZATION # 33120

EDWIN STATE OF

STATE OF

CORIDA

CONTROL

STATE OF

CORIDA

CONTROL

EOR: ROBERT SEARCY P.E.
STRUCTURAL ENGINEER
FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP

SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT

TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK

DIGITAL

PRINTED COPIES OF THIS
DOCUMENT ARE NOT

PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

MLK REC. CENTER
705 E. 14TH STREET
PANAMA CITY, FLORIDA

JOB NUMBER: 2124

JOB NUMBER: 21247
DRAWN BY: JCC
CHECKED BY: MKW
PLOT DATE: 5/18/2023

PLOT DATE: 5/18/2023
SHEET TITLE
MULTI-PURPOSE
BUILDING
FOUNDATION PLAN
DRAWING NUMBER

S2.12

NOTE: ALL COLUMNS HAVE 23 KIP/FT MOMENT AT BASE

		160 N	лРН COLUM	IN SCHEDU	LE	
#	SIZE (160 MPH)		1ST LEVEL	2ND LEVEL	BASE PLATE	HEIGHT
			CONNECTION	CONNECTION		
2	HSS 6x6x3/8	15 KIP+2 KIP/FT 5 KIP+2 KIP/FT	2 ON S4.0 1 & 2 ON S4.0	NO CONNECTION  NO CONNECTION	6 ON S4.1 7 ON S4.1	19'-2" 19'-2"
3	HSS 6x6x3/8	30 KIP	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
4	HSS 6x6x3/8	5 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
5	HSS 6x6x3/8	5 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
6	HSS 6x6x3/8	5 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
7	HSS 6x6x3/8	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
8	HSS 6x6x3/8	30 KIP	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
9	HSS 6x6x3/8	15 KIP+2 KIP/FT	2 ON S4.0	NO CONNECTION	7 ON S4.1	16'-2"
10	HSS 6x6x5/8 HSS 6x6x5/8	15 KIP+2 KIP/FT 30 KIP	2 ON S4.0 2 ON S4.0	2 ON S4.0 2 ON S4.0	7 ON S4.1 5 ON S4.1	23'-6" 23'-6"
12	HSS 6x6x5/8	30 KIP	2 & 3 ON S4.0	2 ON S4.0	5 ON S4.1	23'-6"
13	HSS 6x6x3/8	15 KIP+2 KIP/FT	2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
14	HSS 6x6x5/8	15 KIP+2 KIP/FT	2 ON S4.0	2 ON S4.0	6 ON S4.1	23'-6"
15	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	6 ON S4.1	23'-6"
16	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	7 ON S4.1	23'-6"
17	HSS 6x6x5/8	30 KIP	2 & 5 ON S4.0	2 ON S4.0	5 ON S4.1	20'-6"
18	HSS 6x6x5/8	30 KIP	2 ON S4.0	2 & 4 ON S4.0	5 ON S4.1	23'-6"
19	HSS 6x6x5/8 HSS 6x6x5/8	30 KIP 30 KIP	2 ON S4.0 2 ON S4.0	2 ON S4.0 2 ON S4.0	5 ON S4.1 5 ON S4.1	23'-6" 23'-6"
21	HSS 6x6x5/8	30 KIP	2 ON S4.0 2 ON S4.0	2 ON S4.0 2 ON S4.0	5 ON S4.1	23'-6"
22	HSS 6x6x5/8	30 KIP	2 ON S4.0	2 ON S4.0	5 ON S4.1	23'-6"
23	HSS 6x6x5/8	15 KIP+2 KIP/FT	2 ON S4.0	2 ON S4.0	7 ON S4.1	23'-6"
24	HSS 6x6x5/8	15 KIP+2 KIP/FT	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
25	HSS 6x6x3/8	15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
26	HSS 6x6x3/8	30 KIP	2, 3, & 4 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
27	HSS 6x6x3/8	30 KIP	3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
28	HSS 6x6x5/8 HSS 6x6x5/8	30 KIP 15 KIP+2 KIP/FT	2 & 3 ON S4.0 1 ON S4.0	3 & 7 ON S4.0 2 & 3 ON S4.0	5 ON S4.1 7 ON S4.1	23'-6" 23'-6"
30	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON \$4.0	2 & 4 ON S4.0	7 ON S4.1	23'-6"
31	HSS 6x6x5/8	30 KIP	3 ON S4.0	4 & 7 ON S4.0	5 ON S4.1	23'-6"
32	HSS 6x6x3/8	30 KIP	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
33	HSS 6x6x3/8	15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
34	HSS 6x6x3/8	15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
35	HSS 6x6x3/8	30 KIP	2, 3, & 4 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
36	HSS 6x6x3/8	30 KIP	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2" 23'-6"
38	HSS 6x6x5/8 HSS 6x6x5/8	30 KIP 15 KIP+2 KIP/FT	2 & 3 ON S4.0 1 ON S4.0	7 ON S4.0 2 & 3 ON S4.0	5 ON S4.1 7 ON S4.1	23'-6"
39	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	2 & 3 ON S4.0	7 ON S4.1	23'-6"
40	HSS 6x6x5/8	30 KIP	2 & 3 ON S4.0	3 & 7 ON S4.0	5 ON S4.1	23'-6"
41	HSS 6x6x3/8	30 KIP	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
42	HSS 6x6x3/8	30 KIP	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
43	HSS 6x6x3/8	15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
44	HSS 6x6x3/8 HSS 6x6x3/8	15 KIP+2 KIP/FT 30 KIP	2 & 3 ON S4.0 2 & 3 ON S4.0	NO CONNECTION  NO CONNECTION	5 ON S4.1 5 ON S4.1	16'-2" 16'-2"
46	HSS 6x6x3/8	30 KIP	2 ON S4.0	2 & 3 ON S4.0	5 ON S4.1	16'-2"
47	HSS 6x6x5/8	30 KIP	2 & 3 ON S4.0	7 ON S4.0	5 ON S4.1	23'-6"
48	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	NO CONNECTION	7 ON S4.1	23'-6"
49	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	6 ON S4.1	23'-6"
50	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	7 ON S4.1	23'-6"
51	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	7 ON S4.1	23'-6"
52 53	HSS 6x6x5/8 HSS 6x6x3/8	15 KIP+2 KIP/FT 15 KIP+2 KIP/FT	1 & 2 ON S4.0 1 & 2 ON S4.0	2 & 4 ON S4.0 NO CONNECTION	7 ON S4.1 7 ON S4.1	23'-6" 19'-2"
54	HSS 6x6x3/8	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
55	HSS 6x6x3/8	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
56	HSS 6x6x3/8	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
57	HSS 6x6x3/8	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	5 ON S4.1	19'-2"
58	CANOPY COLUMN	2 KIP+2 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
59	CANOPY COLUMN	2 KIP+2 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
60	CANOPY COLUMN	2 KIP+2 KIP/FT	SEE MANUE SPECS	SEE MANUE SPECS	SEE MANUE SPECS	SEE MANUE SPECS
61	CANOPY COLUMN  CANOPY COLUMN	2 KIP+2 KIP/FT 2 KIP+2 KIP/FT	SEE MANUF. SPECS SEE MANUF. SPECS			
63	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
64	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
65	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
66	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
67	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
68	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUE. SPECS	SEE MANUE SPECS	SEE MANUE SPECS	SEE MANUE. SPECS
69 70	CANOPY COLUMN  CANOPY COLUMN	3 KIP+9 KIP/FT 3 KIP+9 KIP/FT	SEE MANUF. SPECS SEE MANUF. SPECS			
71	HSS 6x6x3/8	15 KIP+2 KIP/FT	NO CONNECTION	1 ON S4.2	3 ON S4.2	SEE S4.2
	1		1	1	ı	ı

160 MPH WALL FRAMING
PROVIDE 14ga METAL STUD
THICKNESS FOR ALL PERIMETER EXTERIOR METALS STUDS TOP OF 2ND LEVEL KNIFE PLATE NOTE: KNIFE PLATE HEIGHTS FOR W8 MEMBERS ARE NOTED ON SHEETS S2.4 AND S2.5. ALL OTHER DIMENSIONS ARE THE SAME TOP OF 1ST LEVEL KNIFE PLATE TOP OF 1ST LEVEL KNIFE PLATE 3 6'-8" TURNDOWN REBAR DETAIL S2.13 1"=1'-0"(30x42) 

2 TYPICAL LEVEL 2 COLUMN HEIGHTS
S2.13 1"=1'-0"(30x42)

1 TYPICAL LEVEL 1 COLUMN HEIGHTS
S2.13 1"=1'-0"(30x42)

WEBER structural engineering

3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM

FL CERTIFICATE OF AUTHORIZATION # 33120

EDWIN SALARING TO ENSIGN T

No. 60549

STATE OF

EOR: ROBERT SEARCY P.E. STRUCTURAL ENGINEER FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP

SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK

DIGITAL

PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

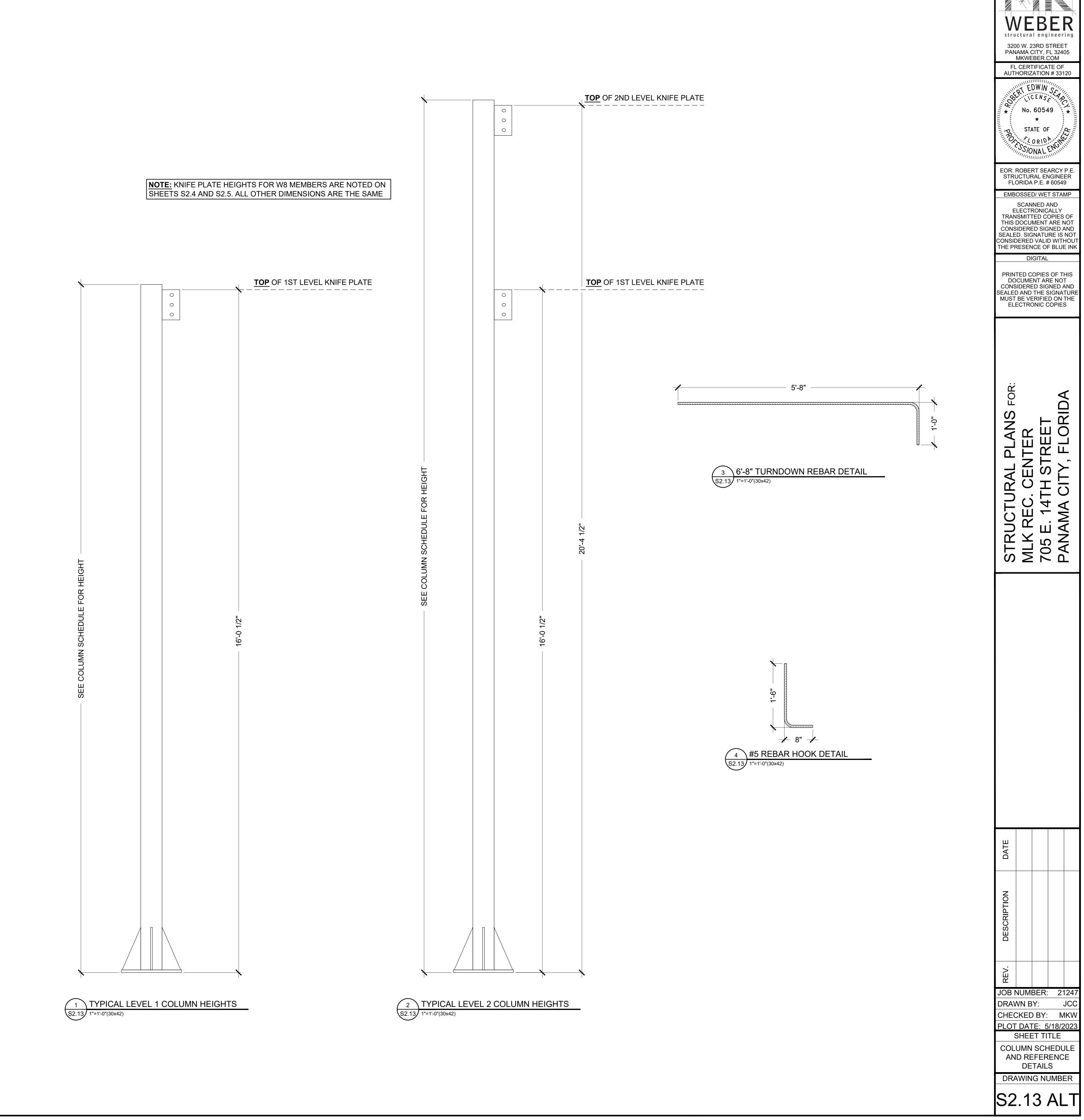
JOB NUMBER: 21247
DRAWN BY: JCC
CHECKED BY: MKW
PLOT DATE: 5/18/2023
SHEET TITLE
COLUMN SCHEDULE
AND REFERENCE
DETAILS
DRAWING NUMBER

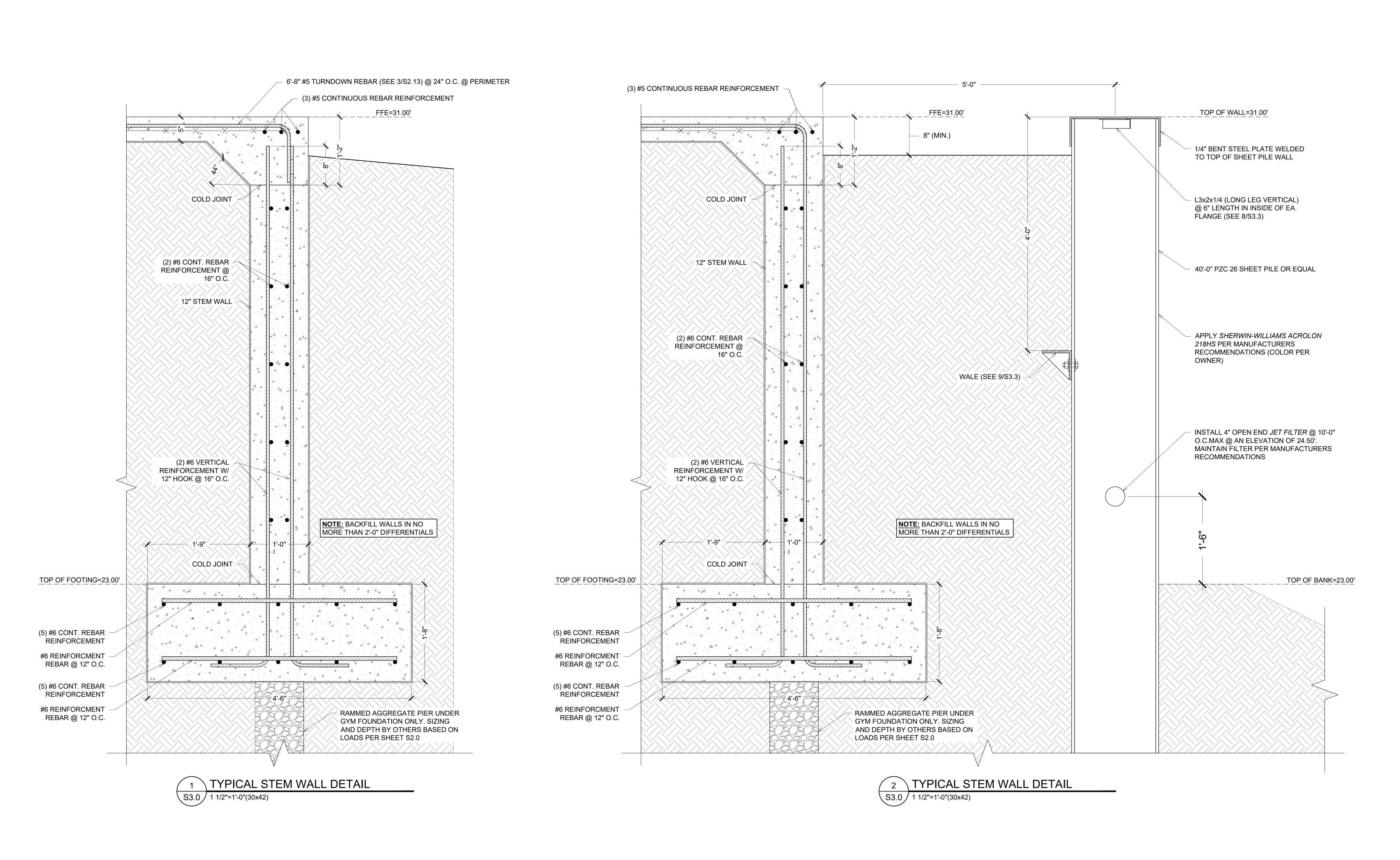
S2.13

STATE OF

NOTE: ALL COLUMNS HAVE 23 KIP/FT MOMENT AT BASE

		140 N	ЛРН COLUM	IN SCHEDU	LE	
#	SIZE (140 MPH)		1ST LEVEL CONNECTION	2ND LEVEL CONNECTION	BASE PLATE	HEIGHT
1	HSS 6x6x5/16	15 KIP+2 KIP/FT	2 ON S4.0	NO CONNECTION	6 ON S4.1	19'-2"
2	HSS 6x6x5/16	5 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
3	HSS 6x6x5/16	30 KIP	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
5	HSS 6x6x5/16 HSS 6x6x5/16	5 KIP+2 KIP/FT 5 KIP+2 KIP/FT	1 & 2 ON S4.0 1 & 2 ON S4.0	NO CONNECTION  NO CONNECTION	7 ON S4.1 7 ON S4.1	19'-2" 19'-2"
6	HSS 6x6x5/16	5 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
7	HSS 6x6x5/16	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
8	HSS 6x6x5/16	30 KIP	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
9	HSS 6x6x5/16	15 KIP+2 KIP/FT	2 ON S4.0	NO CONNECTION	7 ON S4.1	16'-2"
10	HSS 6x6x1/2	15 KIP+2 KIP/FT	2 ON S4.0	2 ON S4.0	7 ON S4.1	23'-6"
11	HSS 6x6x1/2	30 KIP	2 ON S4.0	2 ON S4.0	5 ON S4.1	23'-6"
12	HSS 6x6x1/2 HSS 6x6x5/16	30 KIP 15 KIP+2 KIP/FT	2 & 3 ON S4.0 2 ON S4.0	2 ON S4.0 NO CONNECTION	5 ON S4.1 7 ON S4.1	23'-6" 19'-2"
14	HSS 6x6x1/2	15 KIP+2 KIP/FT	2 ON S4.0	2 ON S4.0	6 ON S4.1	23'-6"
15	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	6 ON S4.1	23'-6"
16	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	7 ON S4.1	23'-6"
17	HSS 6x6x1/2	30 KIP	2 & 5 ON S4.0	2 ON S4.0	5 ON S4.1	20'-6"
18	HSS 6x6x1/2	30 KIP	2 ON S4.0	2 & 4 ON S4.0	5 ON S4.1	23'-6"
19	HSS 6x6x1/2	30 KIP	2 ON S4.0	2 ON S4.0	5 ON S4.1	23'-6"
20	HSS 6x6x1/2	30 KIP	2 ON S4.0	2 ON S4.0	5 ON S4.1	23'-6"
21	HSS 6x6x1/2	30 KIP	2 ON S4.0	2 ON S4.0	5 ON S4.1	23'-6"
22	HSS 6x6x1/2 HSS 6x6x1/2	30 KIP 15 KIP+2 KIP/FT	2 ON S4.0 2 ON S4.0	2 ON S4.0 2 ON S4.0	5 ON S4.1 7 ON S4.1	23'-6" 23'-6"
24	HSS 6x6x1/2	15 KIP+2 KIP/FT	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
25	HSS 6x6x5/16	15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
26	HSS 6x6x5/16	30 KIP	2, 3, & 4 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
27	HSS 6x6x5/16	30 KIP	3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
28	HSS 6x6x1/2	30 KIP	2 & 3 ON S4.0	3 & 7 ON S4.0	5 ON S4.1	23'-6"
29	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 ON S4.0	2 & 3 ON S4.0	7 ON S4.1	23'-6"
30	HSS 6x6x5/8	15 KIP+2 KIP/FT	1 ON S4.0	2 & 4 ON S4.0	7 ON S4.1	23'-6"
31	HSS 6x6x5/8	30 KIP	3 ON S4.0	4 & 7 ON S4.0	5 ON S4.1	23'-6"
32	HSS 6x6x5/16	30 KIP 15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION  NO CONNECTION	5 ON S4.1	16'-2"
34	HSS 6x6x5/16 HSS 6x6x5/16	15 KIP+2 KIP/FT	2 & 3 ON S4.0 2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1 5 ON S4.1	16'-2" 16'-2"
35	HSS 6x6x5/16	30 KIP	2, 3, & 4 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
36	HSS 6x6x5/16	30 KIP	2 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
37	HSS 6x6x1/2	30 KIP	2 & 3 ON S4.0	7 ON S4.0	5 ON S4.1	23'-6"
38	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 ON S4.0	2 & 3 ON S4.0	7 ON S4.1	23'-6"
39	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 ON S4.0	2 & 3 ON S4.0	7 ON S4.1	23'-6"
40	HSS 6x6x1/2	30 KIP	2 & 3 ON S4.0	3 & 7 ON S4.0	5 ON S4.1	23'-6"
41	HSS 6x6x5/16 HSS 6x6x5/16	30 KIP	2 ON S4.0 2 & 3 ON S4.0	NO CONNECTION  NO CONNECTION	5 ON S4.1 5 ON S4.1	16'-2" 16'-2"
43	HSS 6x6x5/16	15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
44	HSS 6x6x5/16	15 KIP+2 KIP/FT	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
45	HSS 6x6x5/16	30 KIP	2 & 3 ON S4.0	NO CONNECTION	5 ON S4.1	16'-2"
46	HSS 6x6x5/16	30 KIP	2 ON S4.0	2 & 3 ON S4.0	5 ON S4.1	16'-2"
47	HSS 6x6x1/2	30 KIP	2 & 3 ON S4.0	7 ON S4.0	5 ON S4.1	23'-6"
48	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 ON S4.0	NO CONNECTION	7 ON S4.1	23'-6"
49	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 ON S4.0	2 ON S4.0	6 ON S4.1	23'-6"
50 51	HSS 6x6x1/2 HSS 6x6x1/2	15 KIP+2 KIP/FT 15 KIP+2 KIP/FT	1 ON S4.0 1 ON S4.0	2 ON S4.0 2 ON S4.0	7 ON S4.1 7 ON S4.1	23'-6"
52	HSS 6x6x1/2	15 KIP+2 KIP/FT	1 & 2 ON S4.0	2 & 4 ON S4.0	7 ON S4.1	23'-6"
53	HSS 6x6x5/16	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
54	HSS 6x6x5/16	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
55	HSS 6x6x5/16	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
56	HSS 6x6x5/16	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	7 ON S4.1	19'-2"
57	HSS 6x6x5/16	15 KIP+2 KIP/FT	1 & 2 ON S4.0	NO CONNECTION	5 ON S4.1	19'-2"
58	CANOPY COLUMN	2 KIP+2 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUE OPECS	SEE MANUF. SPECS
59	CANOPY COLUMN	2 KIP+2 KIP/FT	SEE MANUE SPECS	SEE MANUE SPECS	SEE MANUE SPECS	SEE MANUE SPECS
60	CANOPY COLUMN CANOPY COLUMN	2 KIP+2 KIP/FT 2 KIP+2 KIP/FT	SEE MANUF. SPECS SEE MANUF. SPECS			
62	CANOPY COLUMN	2 KIP+2 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
63	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
64	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
65	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
66	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
67	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS	SEE MANUF. SPECS
68	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUF. SPECS	SEE MANUE. SPECS	SEE MANUE SPECS	SEE MANUE. SPECS
69 70	CANOPY COLUMN	3 KIP+9 KIP/FT	SEE MANUE SPECS	SEE MANUE SPECS	SEE MANUE SPECS	SEE MANUE SPECS
70	HSS 6x6x3/8	3 KIP+9 KIP/FT 15 KIP+2 KIP/FT	SEE MANUF. SPECS NO CONNECTION	SEE MANUF. SPECS 1 ON S4.2	SEE MANUF. SPECS 3 ON S4.2	SEE MANUF. SPECS SEE S4.2
	1.22 0.000		110 007111011	. 5 52	3 0.1. 0 1.2	





WEBER
structural engineering

3200 W. 23RD STREET
PANAMA CITY, FL 32405
MKWEBER.COM

FL CERTIFICATE OF
AUTHORIZATION # 33120

AUTHORIZATION # 33120

EDW IN

ICENS

No. 60549

\*

STATE OF

STATE OF

ORIDA

ONAL EMILIANIA

EOR: ROBERT SEARCY P.E.
STRUCTURAL ENGINEER
FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP

SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT

DIGITAL

PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

THE PRESENCE OF BLUE IN

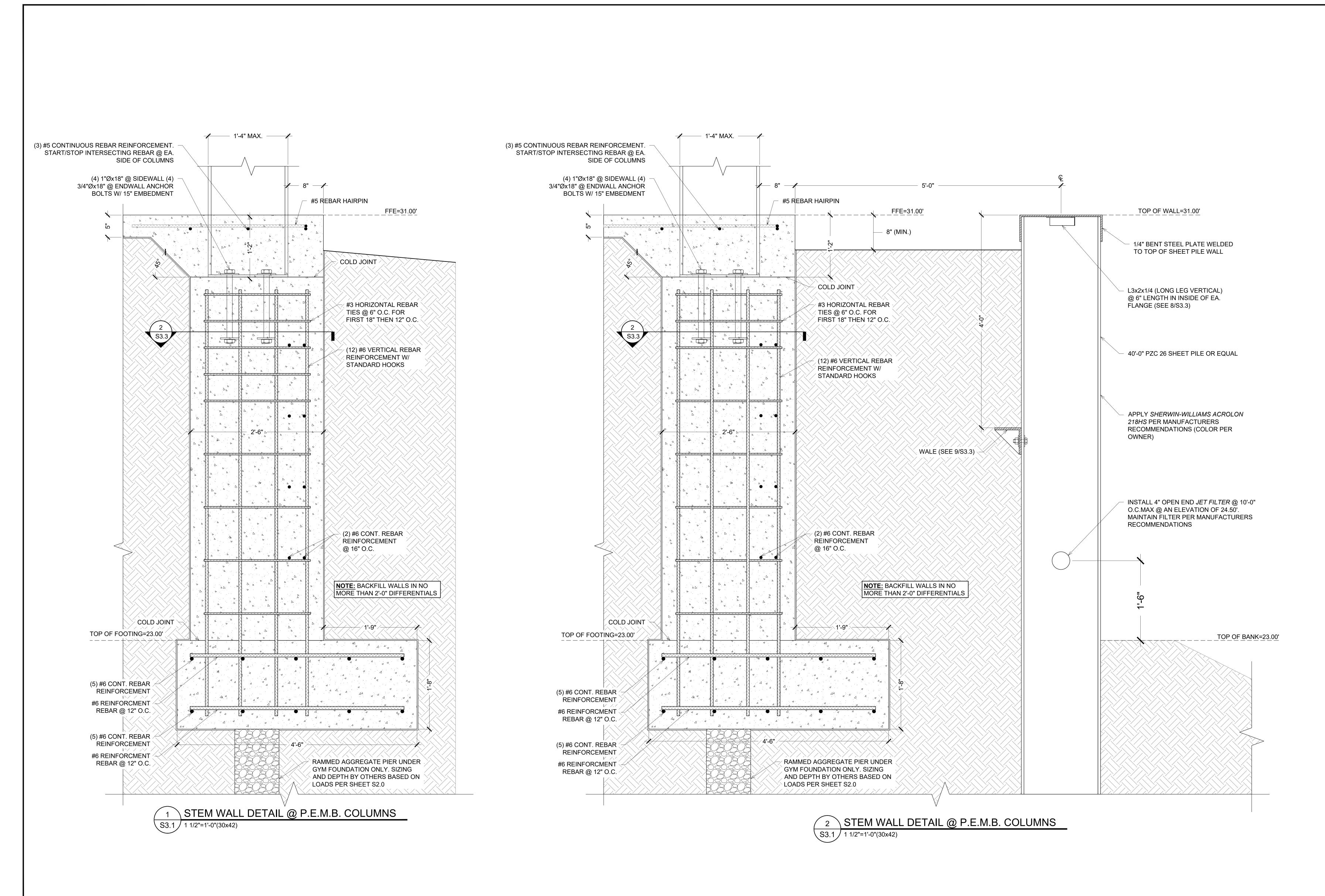
ELECTRONIC COPIES

STRUCTURAL PLANS FOR:
MLK REC. CENTER
705 E. 14TH STREET
PANAMA CITY, FLORIDA

REV. DESCRIPTION DATE

JOB NUMBER: 21247
DRAWN BY: JCC
CHECKED BY: MKW
PLOT DATE: 5/18/2023
SHEET TITLE

FOUNDATION
DETAILS
DRAWING NUMBER



3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM FL CERTIFICATE OF AUTHORIZATION # 33120

EDWIN SKA No. 60549 STATE OF SSIONAL ENGINEER

EOR: ROBERT SEARCY P.E. STRUCTURAL ENGINEER FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP SCANNED AND ELECTRONICALLY TRANSMITTED COPIES OF TRANSMITTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE IS NOT CONSIDERED VALID WITHOUT THE PRESENCE OF BLUE IN

DIGITAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE

MUST BE VERIFIED ON THE ELECTRONIC COPIES

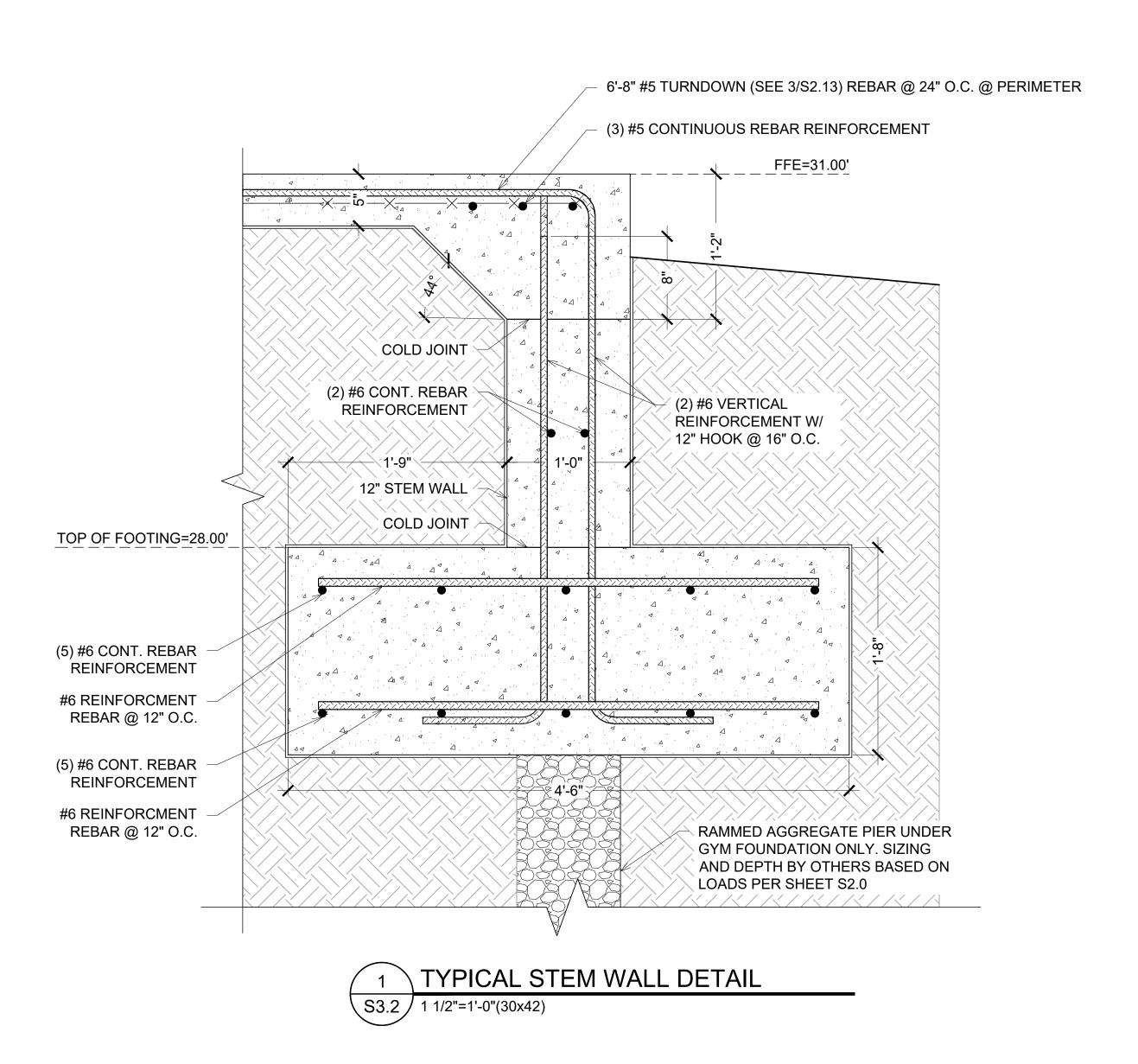
STRUCTURAL PLANS FOI MLK REC. CENTER 705 E. 14TH STREET PANAMA CITY, FLORIDA

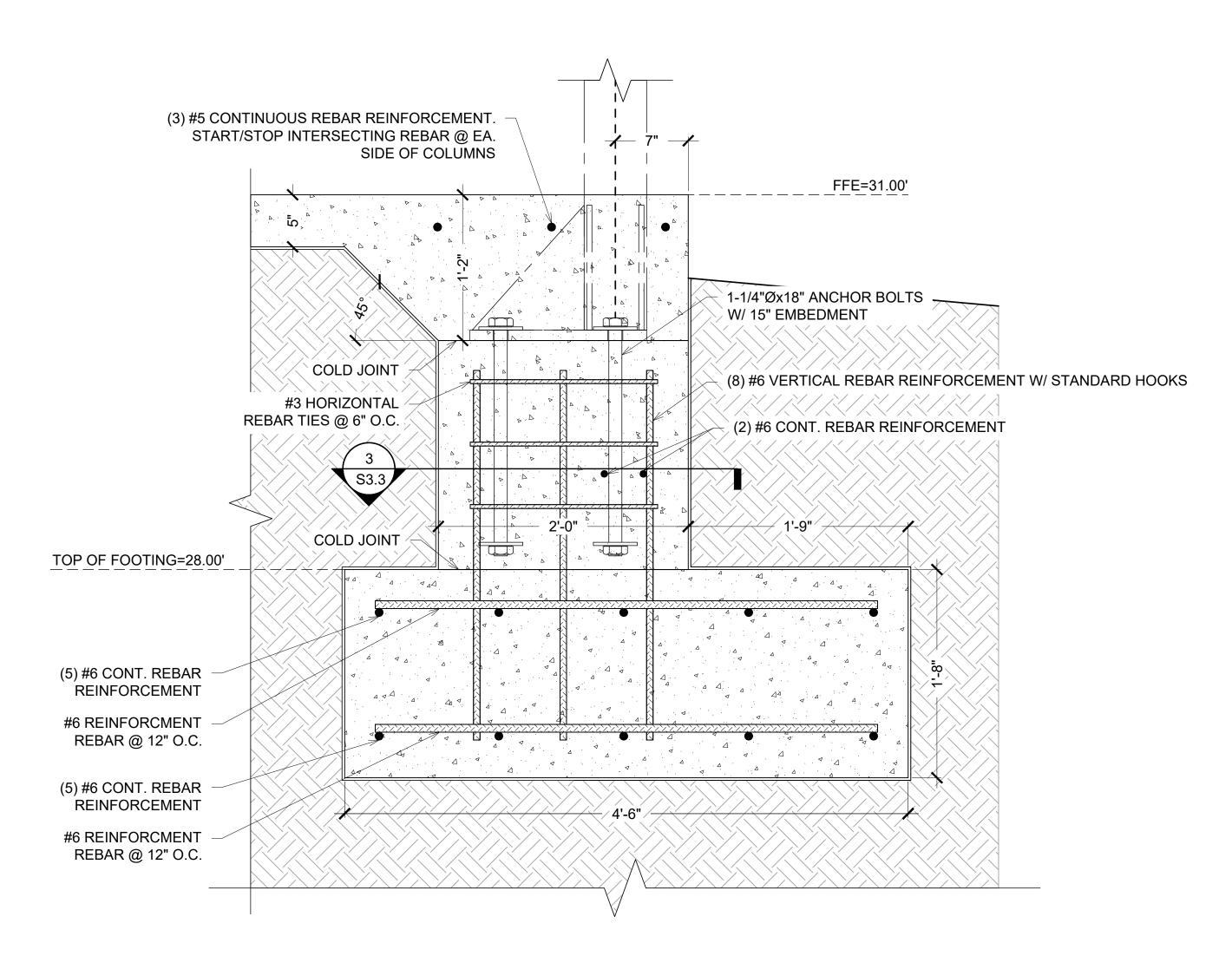
JOB NUMBER: 2124

DRAWN BY: CHECKED BY: MKW PLOT DATE: 5/18/2023 SHEET TITLE

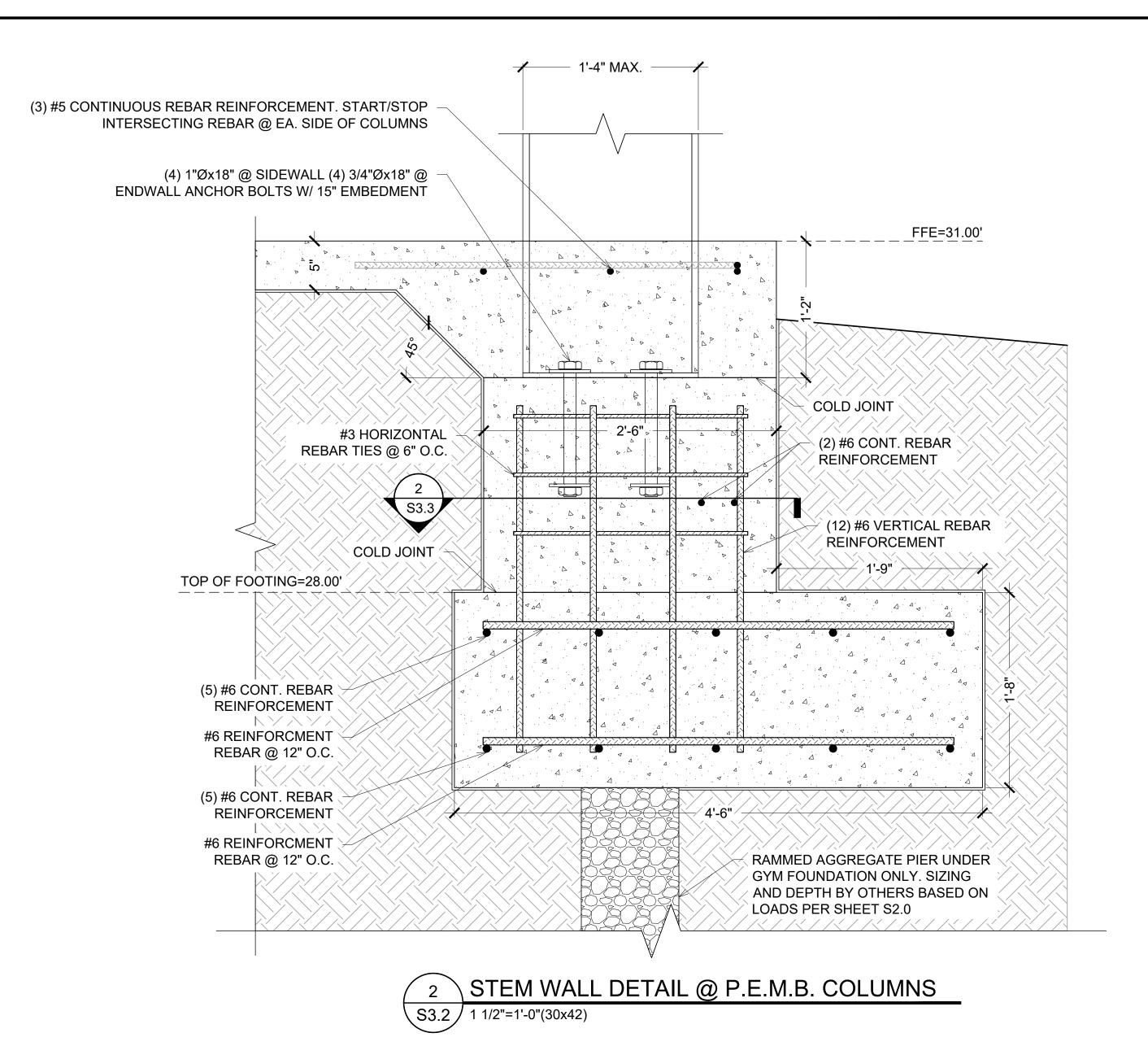
FOUNDATION DETAILS

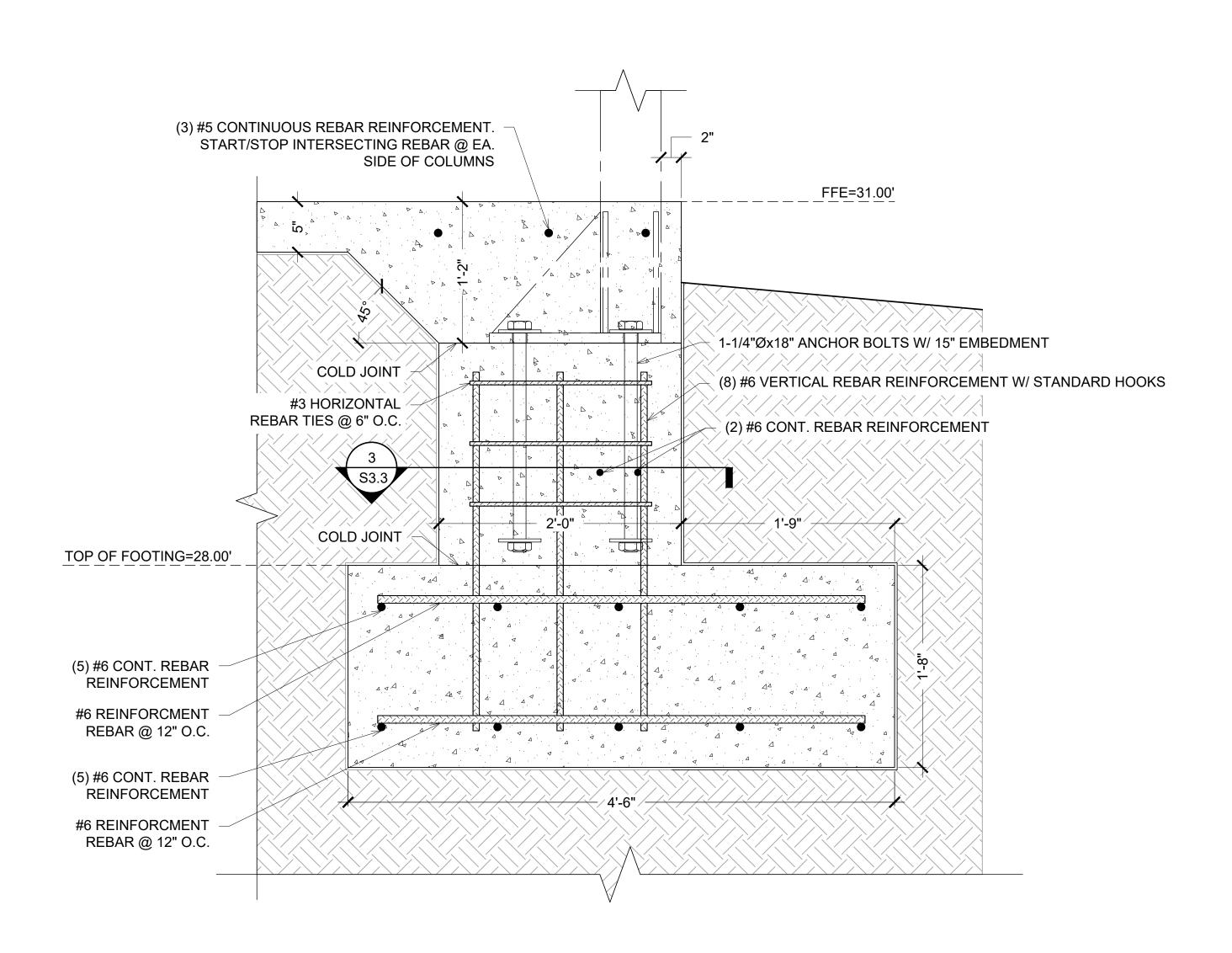
DRAWING NUMBER S3.1











4 STEM WALL DETAIL @ MULTI-PURPOSE BUILDING COLUMNS
S3.2 1 1/2"=1'-0"(30x42)

WEBER
structural engineering
3200 W. 23RD STREET
PANAMA CITY, FL 32405
MKWEBER.COM

FL CERTIFICATE OF
AUTHORIZATION # 33120

No. 60549

\*
No. 60549

\*
STATE OF

CORIDARIAN

SIONAL ENGINEERING

SIONAL ENGINEERING

AND AUTHORIZATION

SIONAL ENGINEERING

SIONAL ENGINEE

EOR: ROBERT SEARCY P.E.
STRUCTURAL ENGINEER
FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP

SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK

DIGITAL

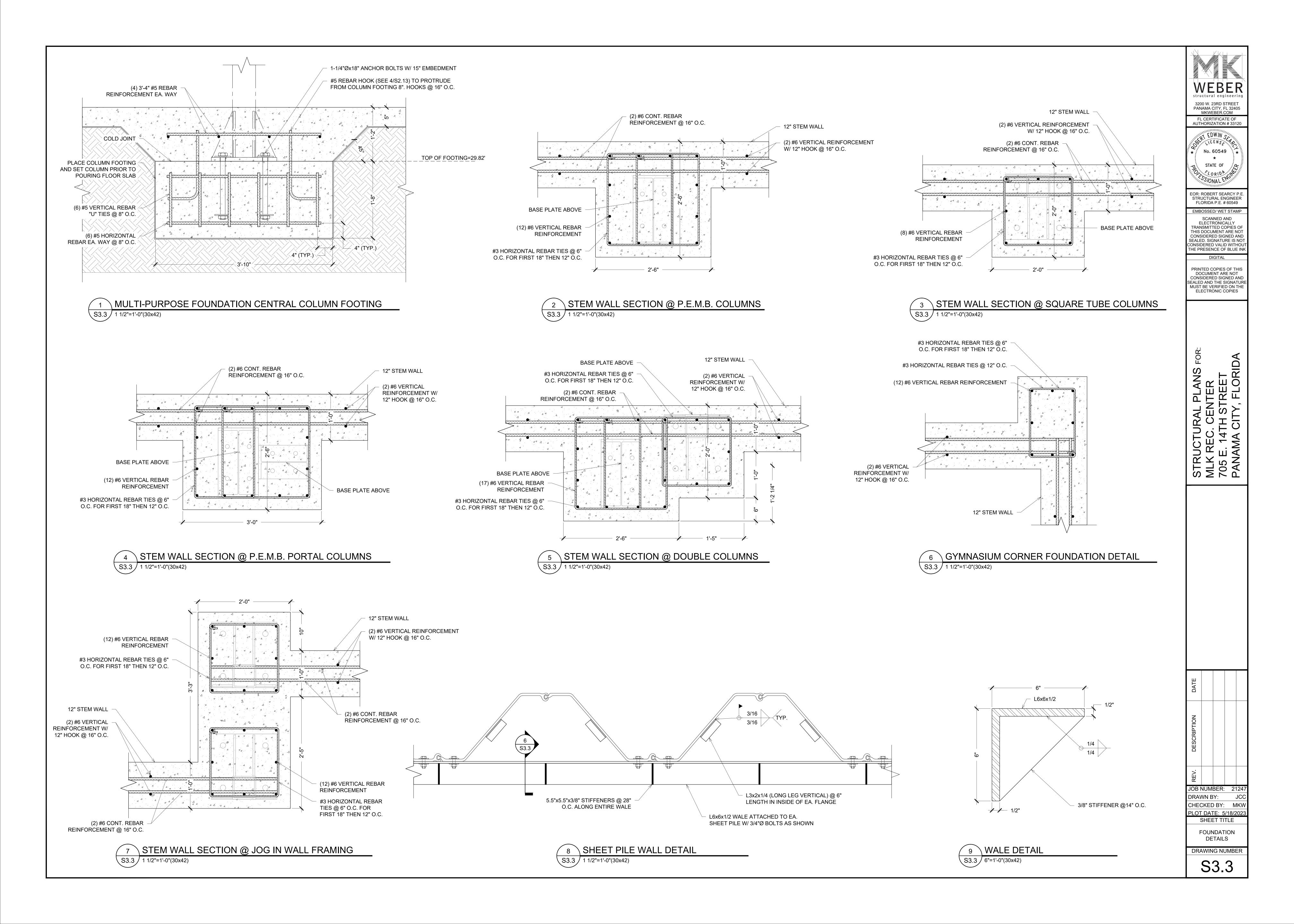
PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

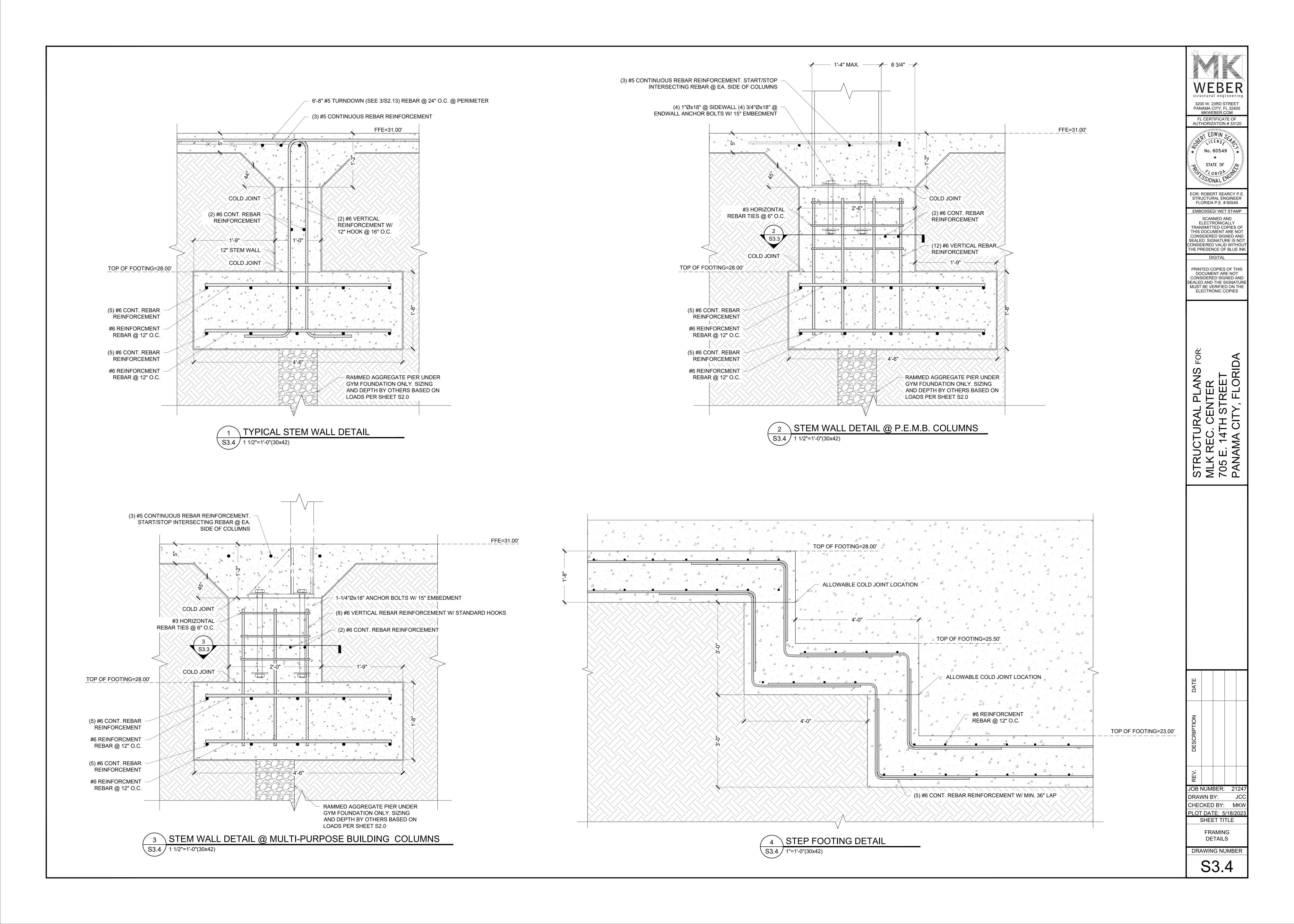
TURAL PLANS FOR: EC. CENTER 14TH STREET

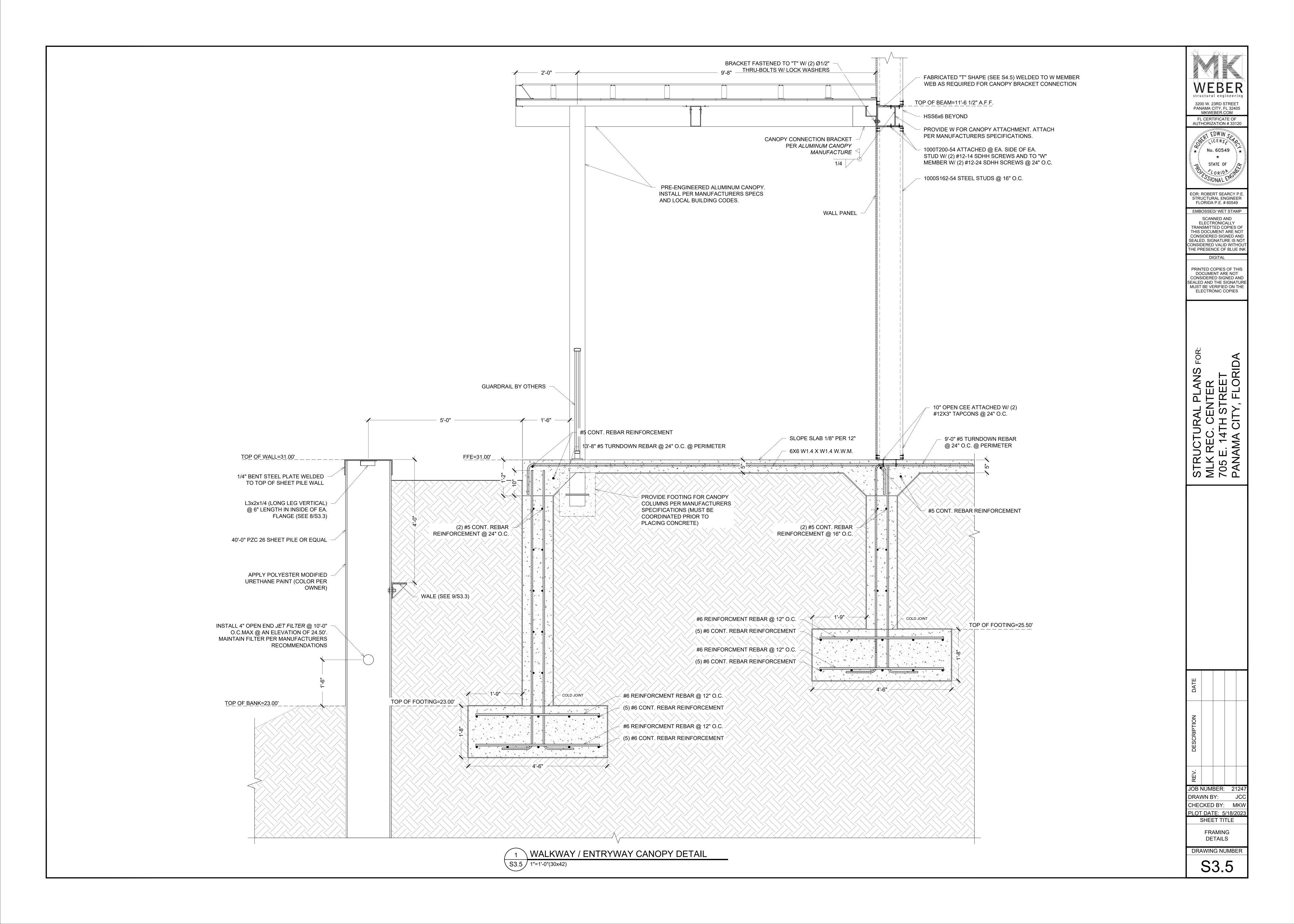
JOB NUMBER: 21247
DRAWN BY: JCC
CHECKED BY: MKW

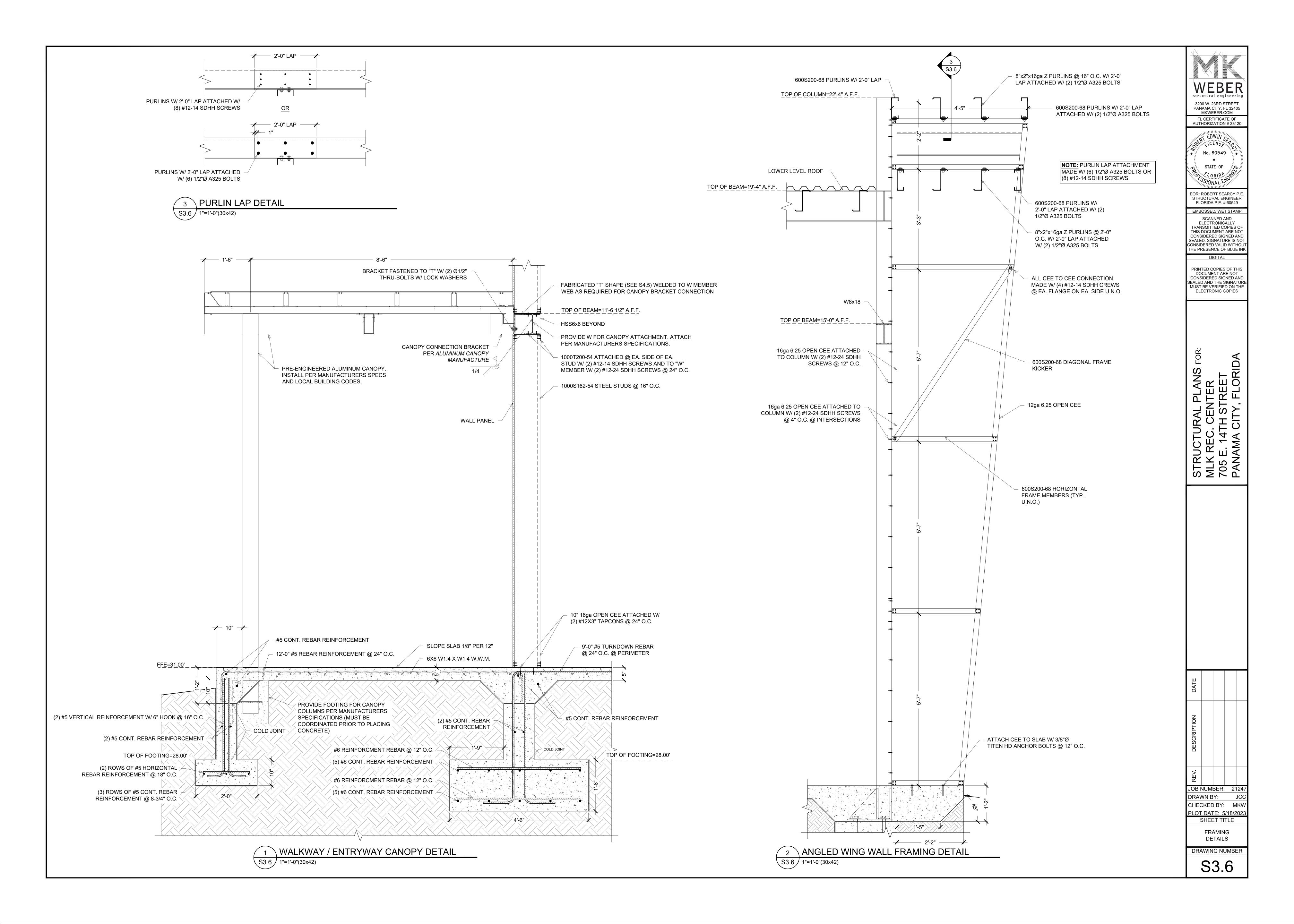
FOUNDATION
DETAILS
DRAWING NUMBER

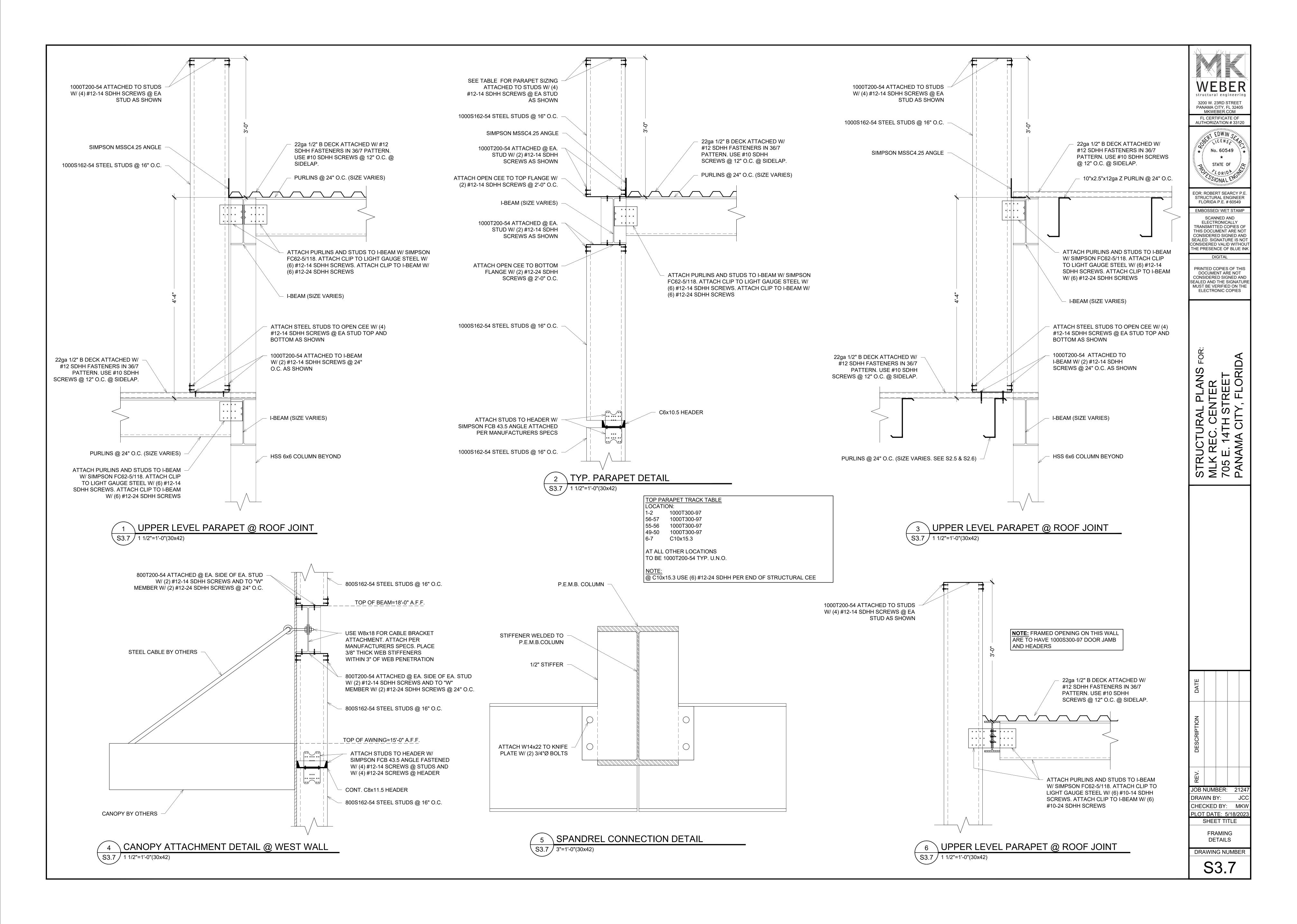
PLOT DATE: 5/18/202 SHEET TITLE

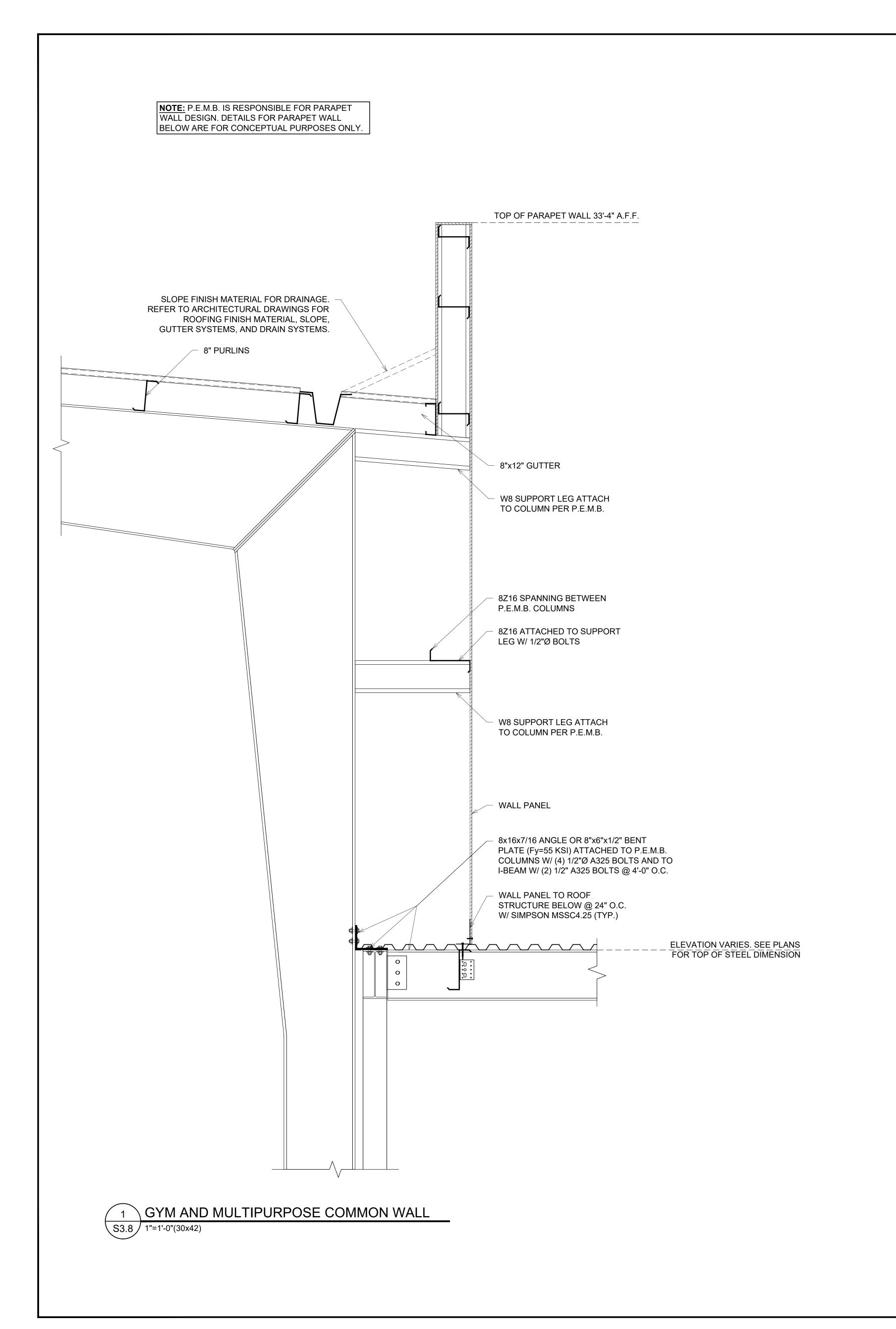


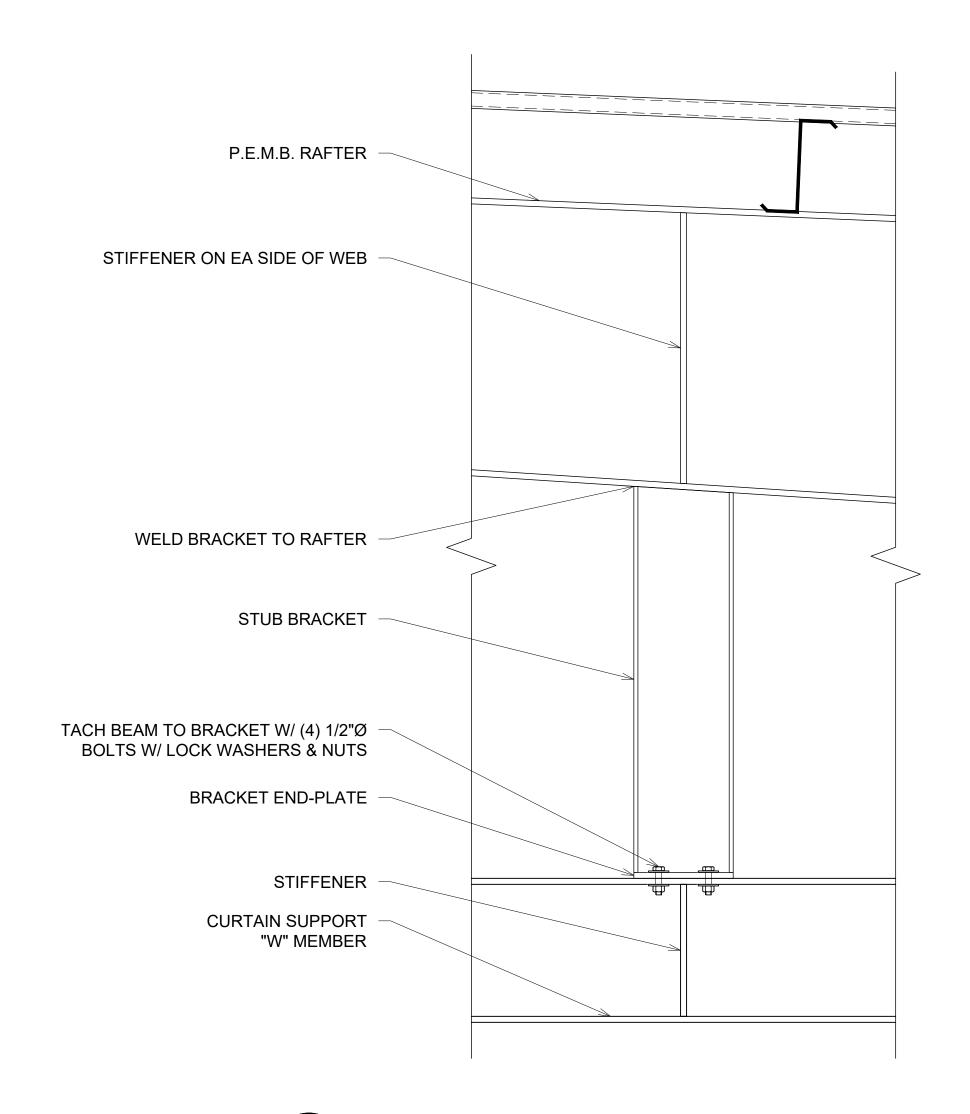












2 CURTAIN SUPPORT BEAM ATTACHMENT DETAIL
S3.8 1 1/2"=1'-0"(30x42)

WEBER
structural engineering

3200 W. 23RD STREET
PANAMA CITY, FL 32405
MKWEBER.COM

FL CERTIFICATE OF
AUTHORIZATION # 33120

FL CERTIFICATE OF AUTHORIZATION # 33120

FL CENSING FOR THE PROPERTY OF THE PR

EOR: ROBERT SEARCY P.E. STRUCTURAL ENGINEER FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP

SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK
DIGITAL

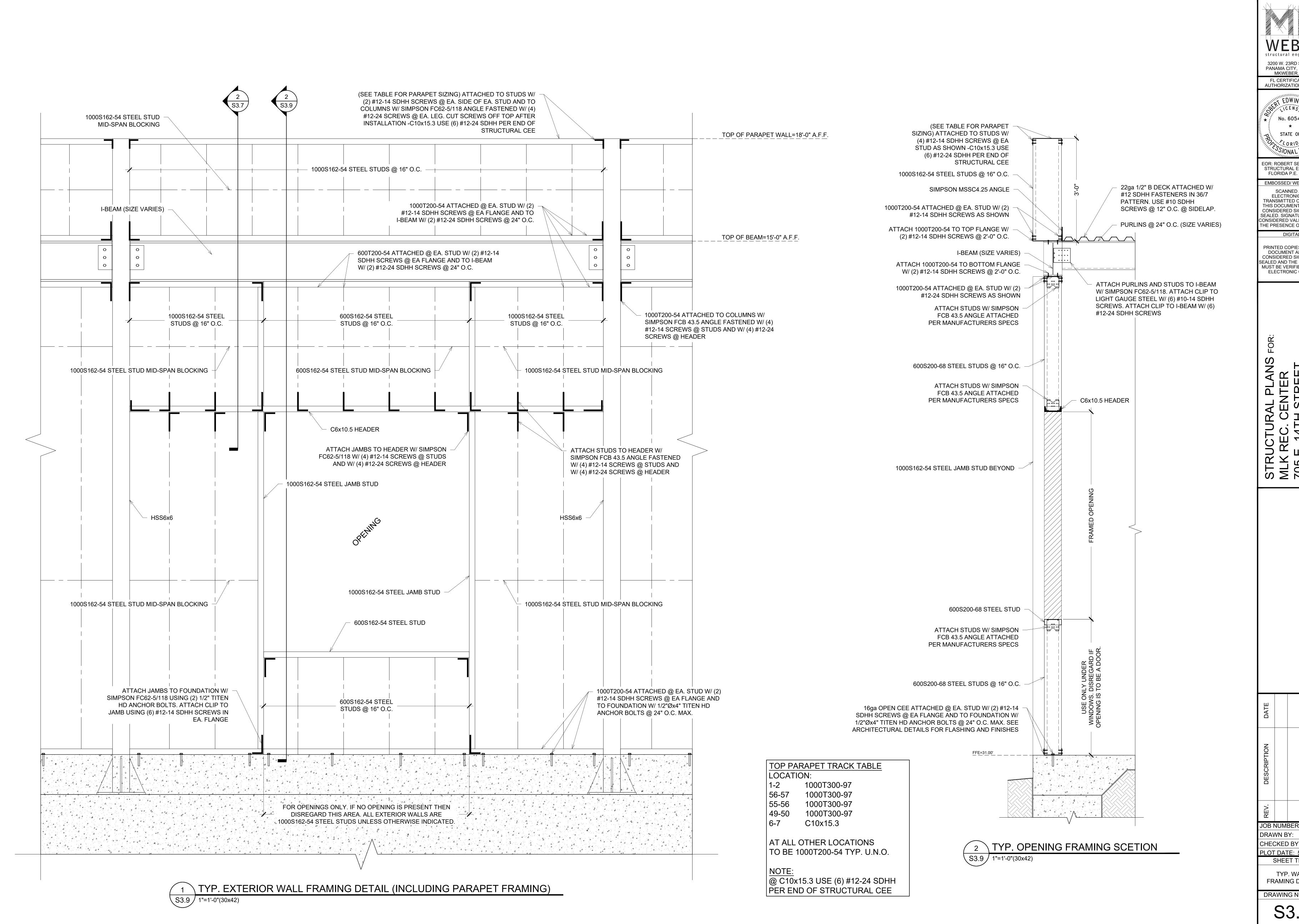
PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

STRUCTURAL PLANS FOR: MLK REC. CENTER 705 E. 14TH STREET PANAMA CITY, FLORIDA

JOB NUMBER: 21247

JOB NUMBER: 21247
DRAWN BY: JCC
CHECKED BY: MKW
PLOT DATE: 5/18/2023
SHEET TITLE

FRAMING DETAILS DRAWING NUMBER



3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM FL CERTIFICATE OF **AUTHORIZATION #33120** 

EDWIN SEAPOR No. 60549 STATE OF SONAL ENGINE

EOR: ROBERT SEARCY P.E STRUCTURAL ENGINEER FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP SCANNED AND ELECTRONICALLY TRANSMITTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE IS NOT CONSIDERED VALID WITHOUT THE PRESENCE OF BLUE IN

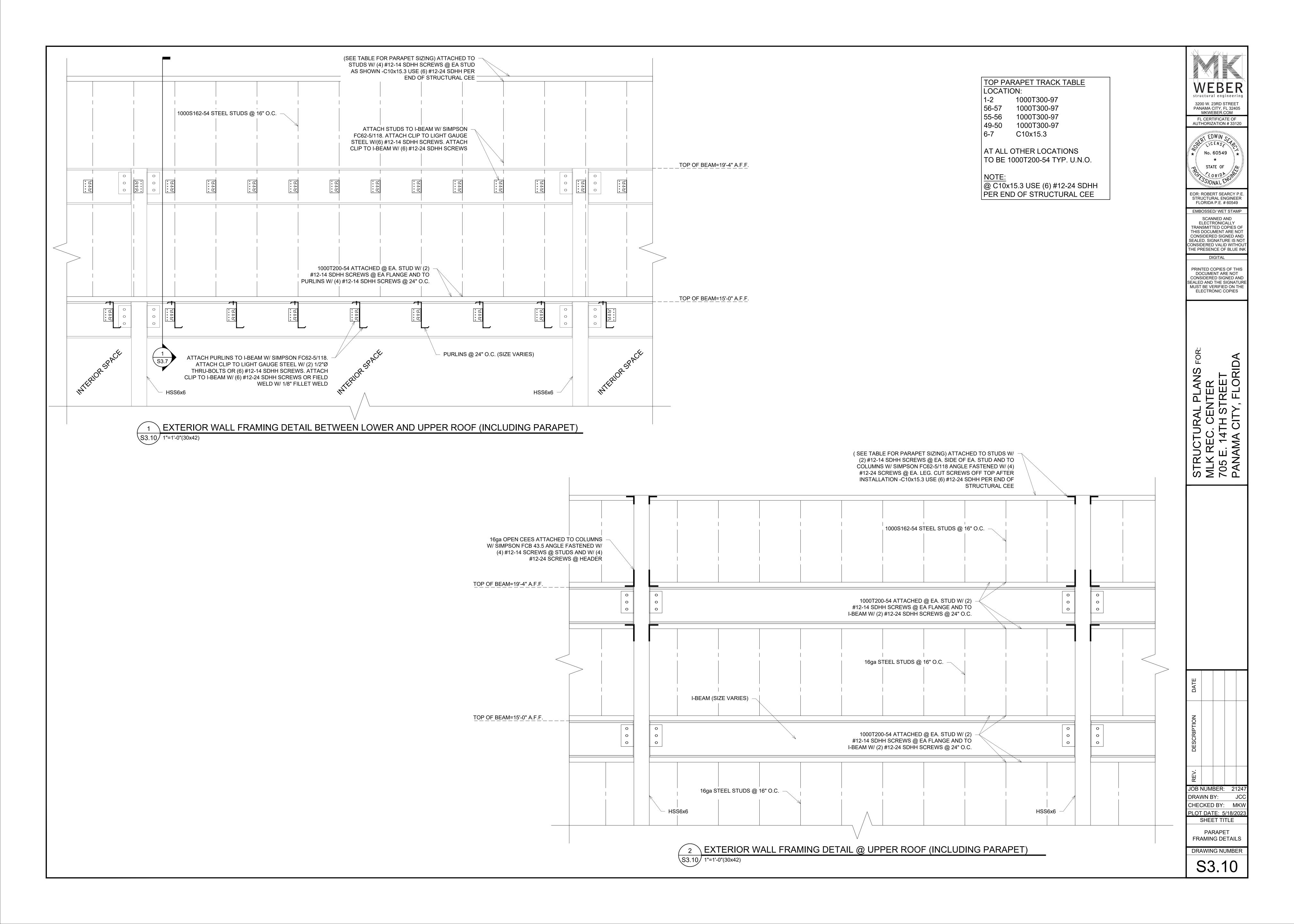
DIGITAL PRINTED COPIES OF THIS DOCUMENT ARE NOT **CONSIDERED SIGNED AND** SEALED AND THE SIGNATUR

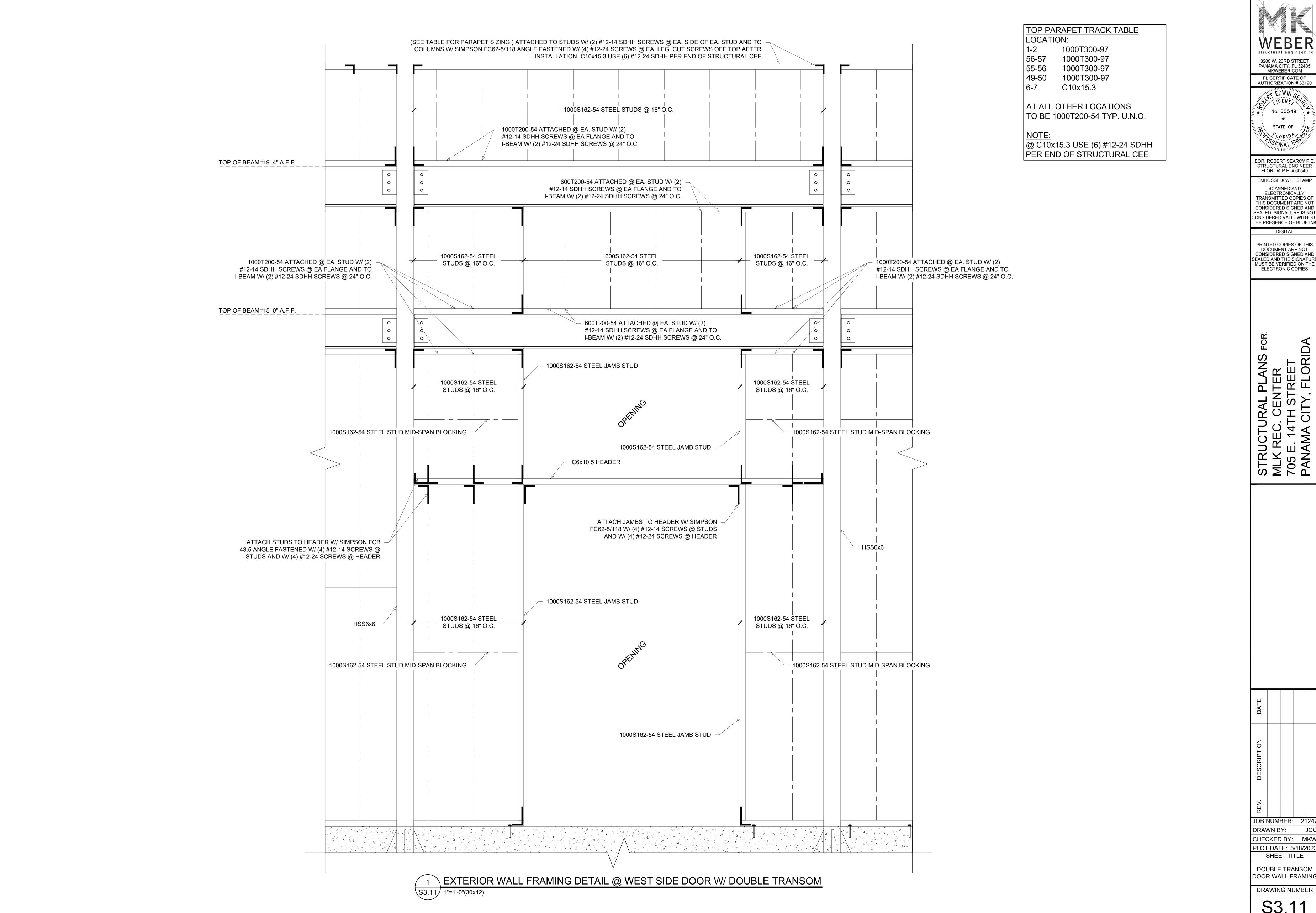
MUST BE VERIFIED ON THE ELECTRONIC COPIES

JOB NUMBER: 2124 CHECKED BY: MKW

PLOT DATE: 5/18/202 SHEET TITLE TYP. WALL

FRAMING DETAIL DRAWING NUMBER





3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM FL CERTIFICATE OF AUTHORIZATION # 33120

EDWIN SALANDER OF THE PROPERTY No. 60549 STATE OF CORIDA CHANGE

EOR: ROBERT SEARCY P.E. STRUCTURAL ENGINEER FLORIDA P.E. # 60549 EMBOSSED/ WET STAMP SCANNED AND ELECTRONICALLY TRANSMITTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. SIGNATURE IS NOT CONSIDERED VALID WITHOUT THE PRESENCE OF BLUE INK

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC COPIES

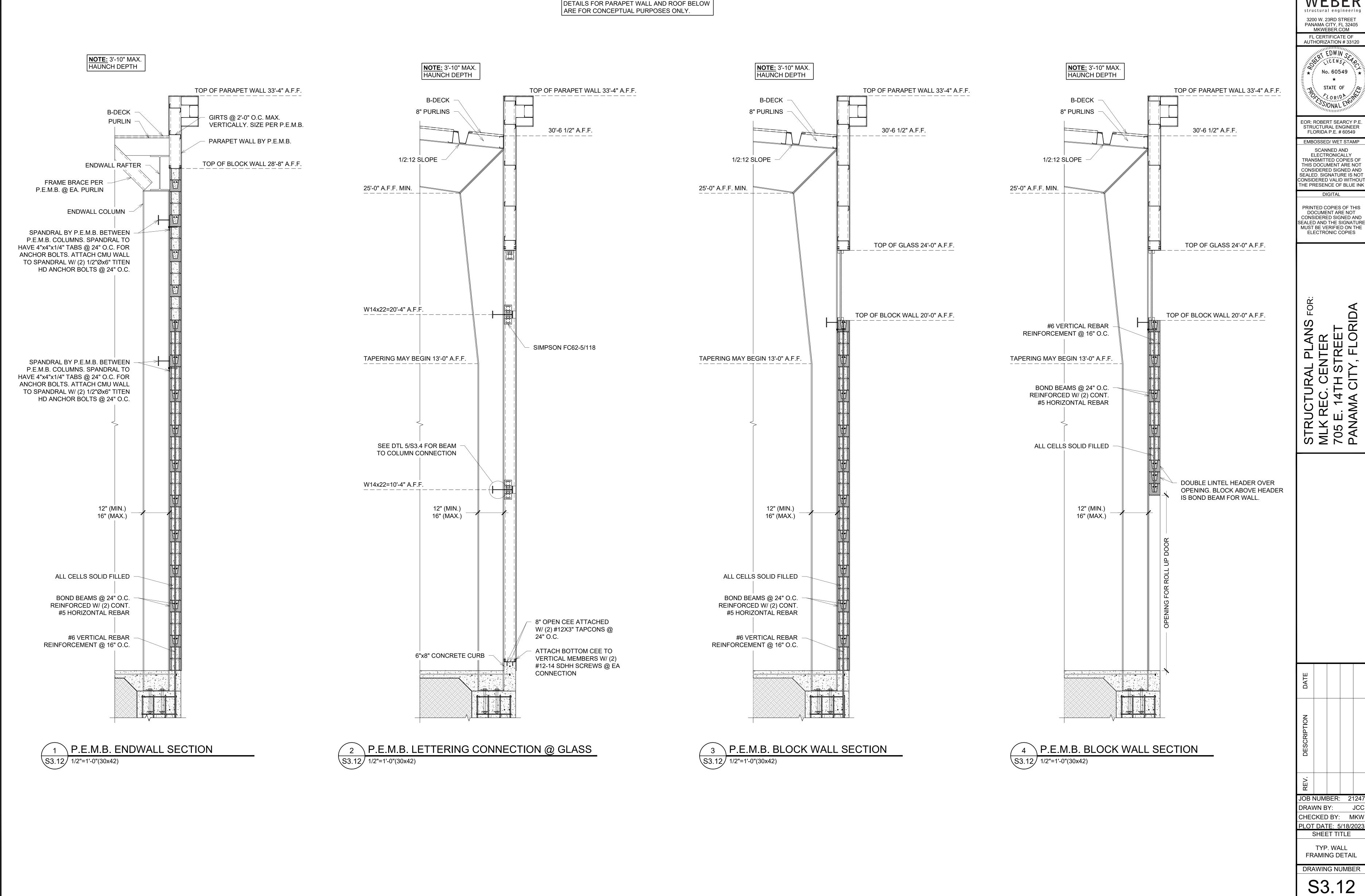
STRUCTURAL PLANS FOI MLK REC. CENTER 705 E. 14TH STREET PANAMA CITY, FLORIDA

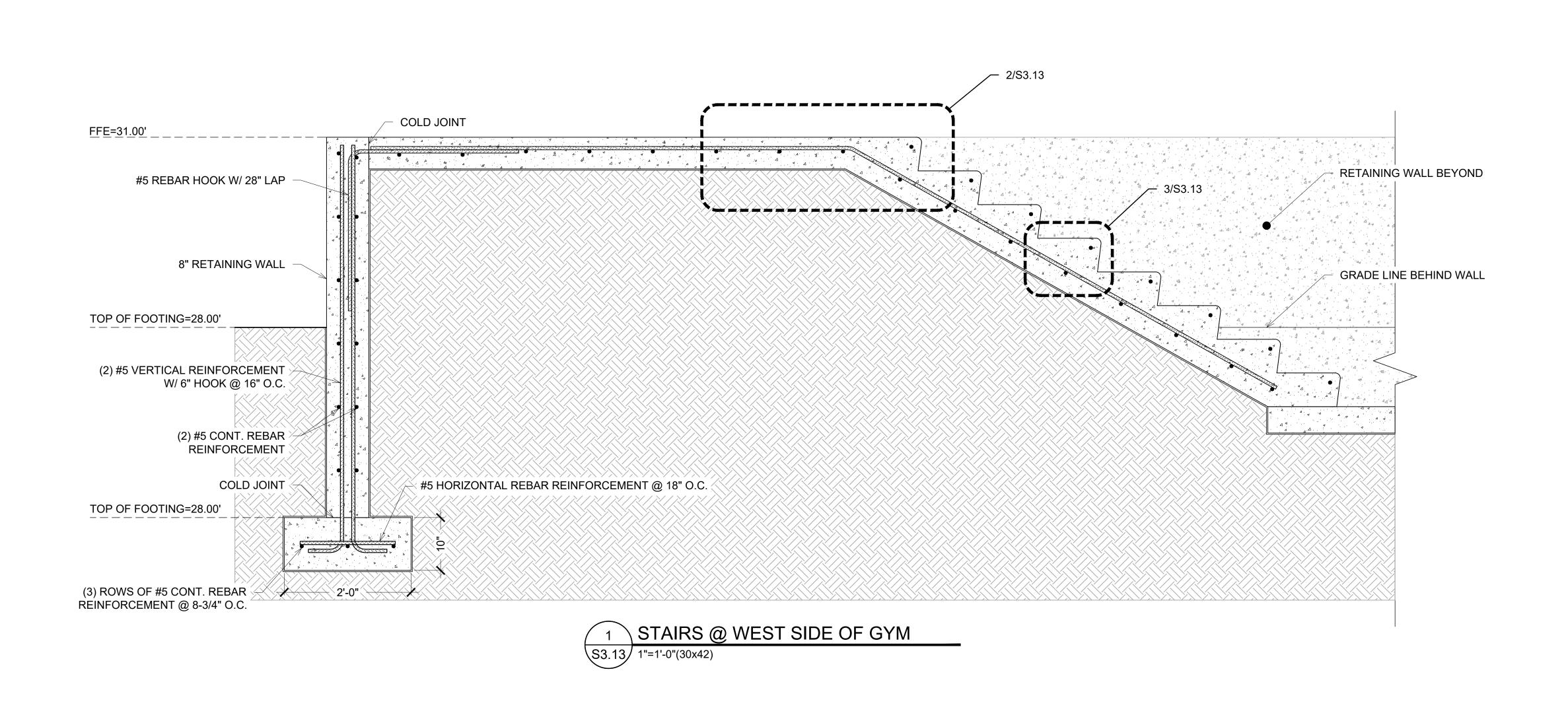
JOB NUMBER: 2124 DRAWN BY:

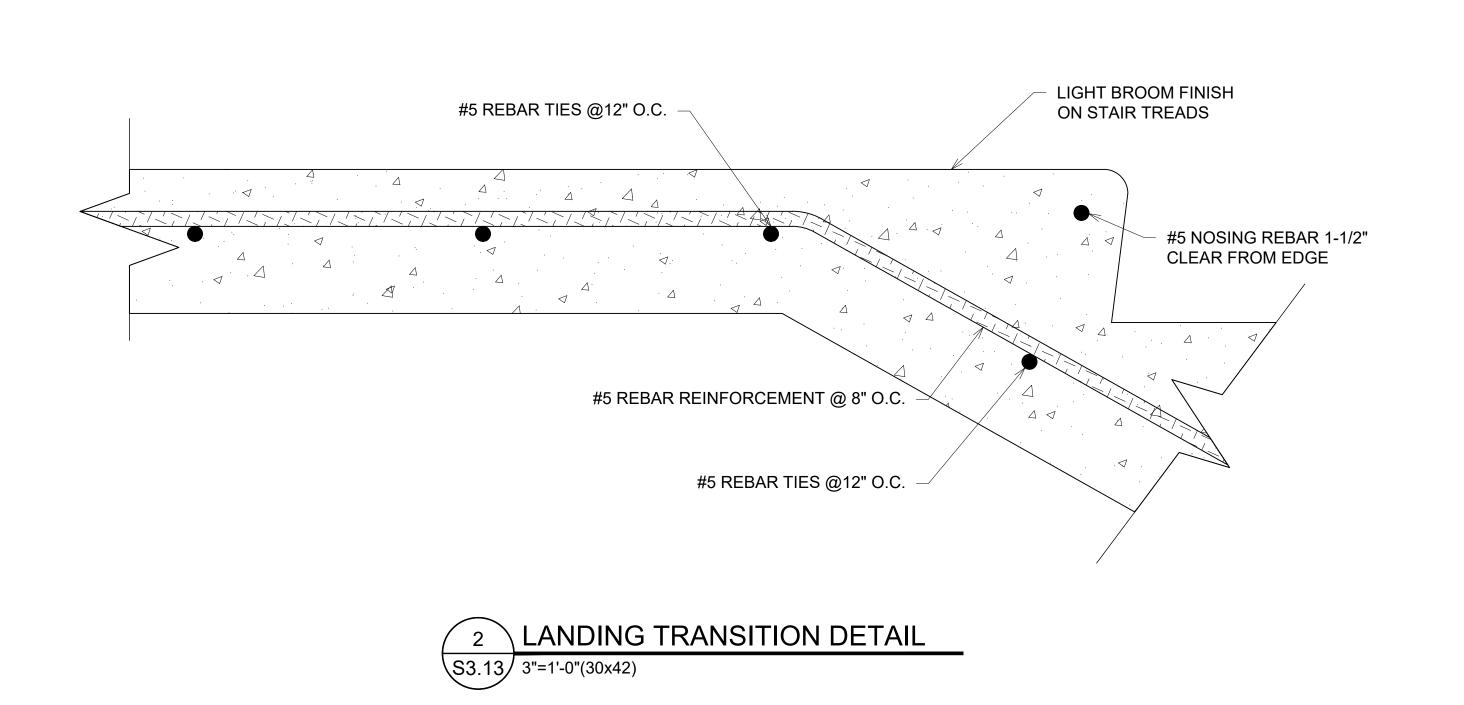
PLOT DATE: 5/18/2023 SHEET TITLE

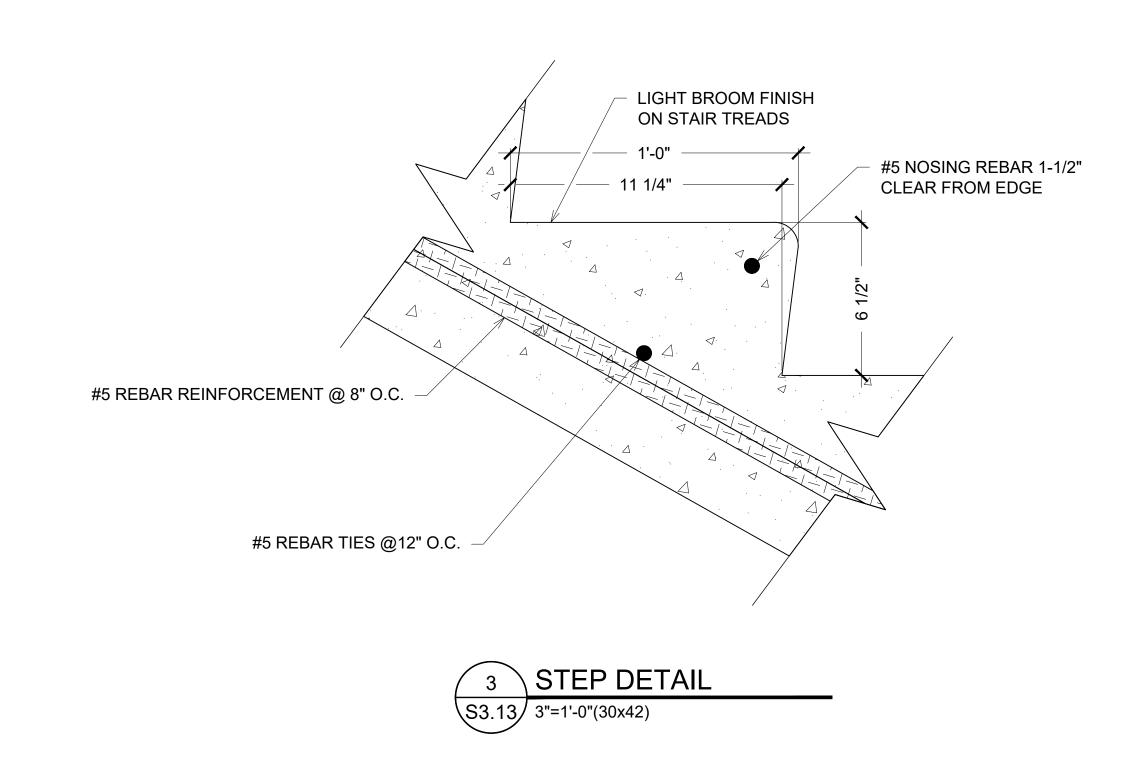
DOUBLE TRANSOM DOOR WALL FRAMING

NOTE: P.E.M.B. IS RESPONSIBLE FOR ACTUAL PARAPET WALL DESIGN AND ROOF DESIGN.
DETAILS FOR PARAPET WALL AND ROOF BELOW ARE FOR CONCEPTUAL PURPOSES ONLY.







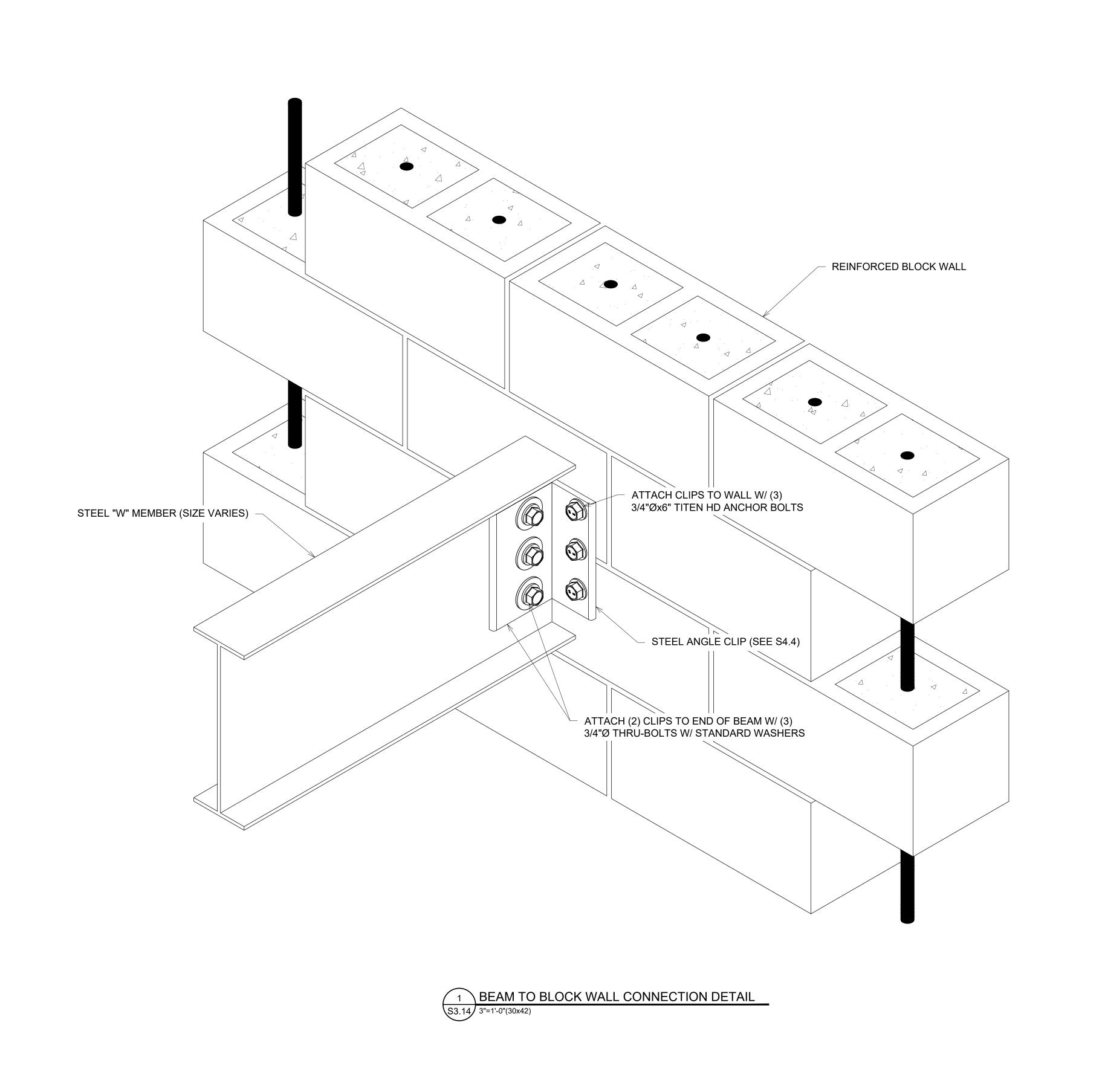


3200 W. 23RD STREET PANAMA CITY, FL 32405 MKWEBER.COM FL CERTIFICATE OF AUTHORIZATION # 33120 No. 60549 STATE OF EOR: ROBERT SEARCY P.E. STRUCTURAL ENGINEER FLORIDA P.E. # 60549 EMBOSSED/ WET STAMP SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK DIGITAL PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES STRUCTURAL PLANS FOI MLK REC. CENTER 705 E. 14TH STREET PANAMA CITY, FLORIDA

DATE				
DESCRIPTION				
REV.				
JOB N	JOB NUMBER: DRAWN BY: CHECKED BY:			1247
DRAV				JCC
CHEC				1KW

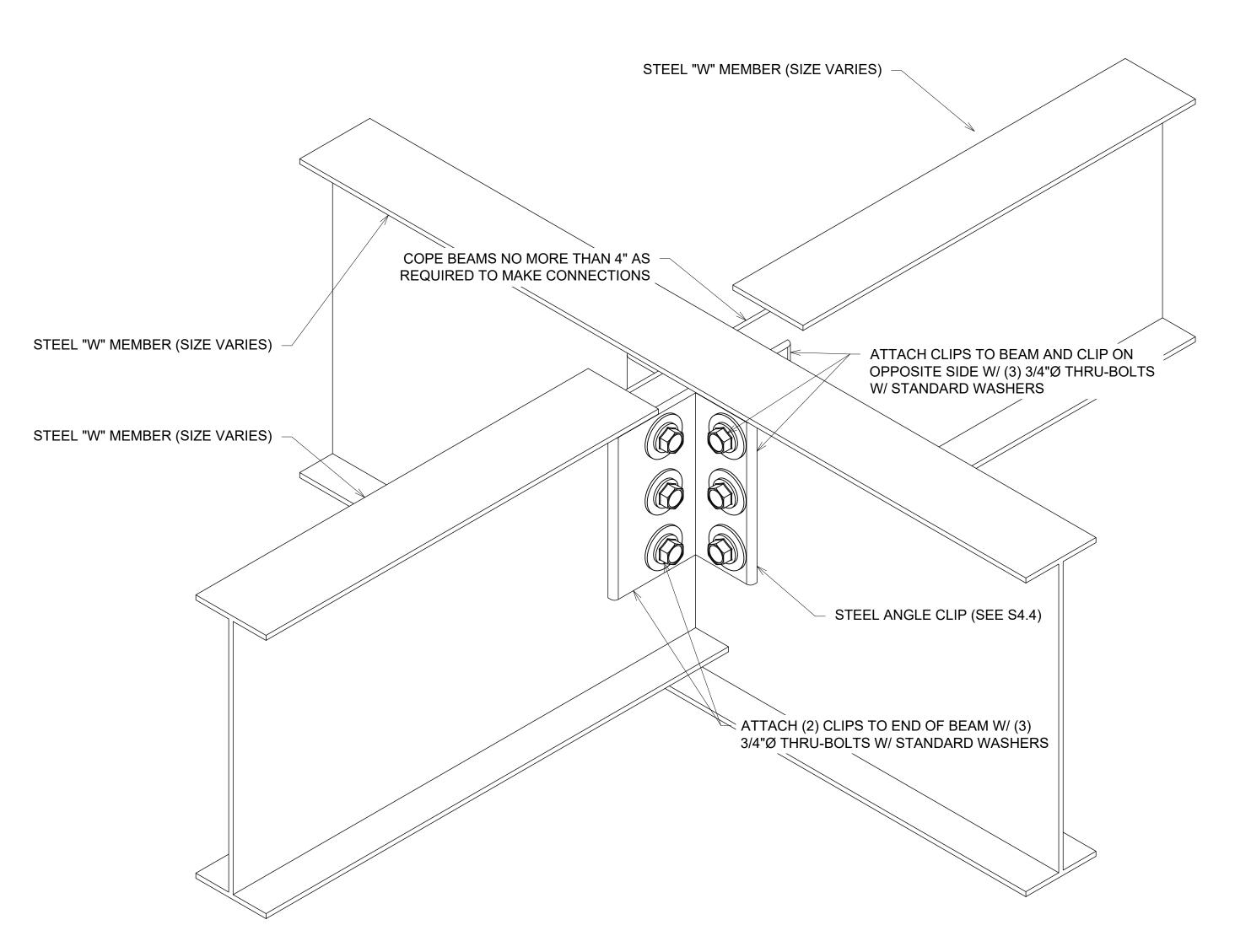
CHECKED BY: MKW
PLOT DATE: 5/18/2023
SHEET TITLE STAIR/RETAINING WALL DETAIL

DRAWING NUMBER



IMPORTANT

NOTE THAT SHEET S4.4 SHOWS A "LEFT" AND A "RIGHT" VARIANT OF THE W14 CLIP. THIS IS TO ALLOW THE HOLES IN THE W14 CLIP TO LINE UP WITH THE HOLES IN THE W12 CLIP IN ORDER TO ACHIEVE THE CONNECTION SHOWN IN DETAIL 2 OF THIS SHEET. EA. W14 TERMINATING INTO ANOTHER BEAM WILL NEED (1) "LEFT" AND (1) "RIGHT" CLIP IN ORDER TO PROPERLY CONNECT BEAM.





WEBER
structural engineering

3200 W. 23RD STREET
PANAMA CITY, FL 32405
MKWEBER.COM

FL CERTIFICATE OF
AUTHORIZATION # 33120

\*\*
No. 60549

\*
STATE OF

STATE OF

EOR: ROBERT SEARCY P.E.
STRUCTURAL ENGINEER
FLORIDA P.E. # 60549

EMBOSSED/ WET STAMP

SCANNED AND
ELECTRONICALLY
TRANSMITTED COPIES OF
THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED. SIGNATURE IS NOT
CONSIDERED VALID WITHOUT
THE PRESENCE OF BLUE INK

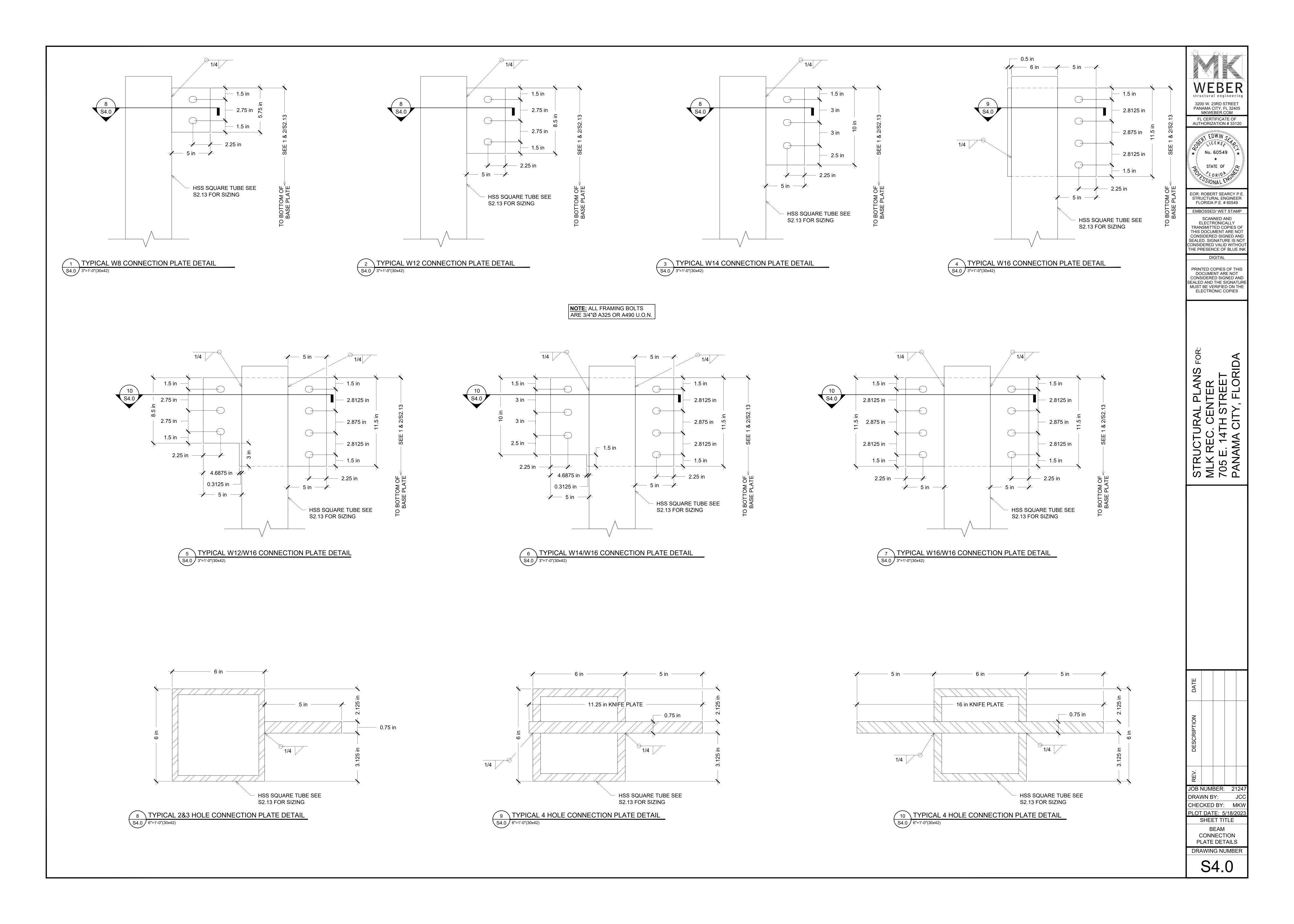
DIGITAL

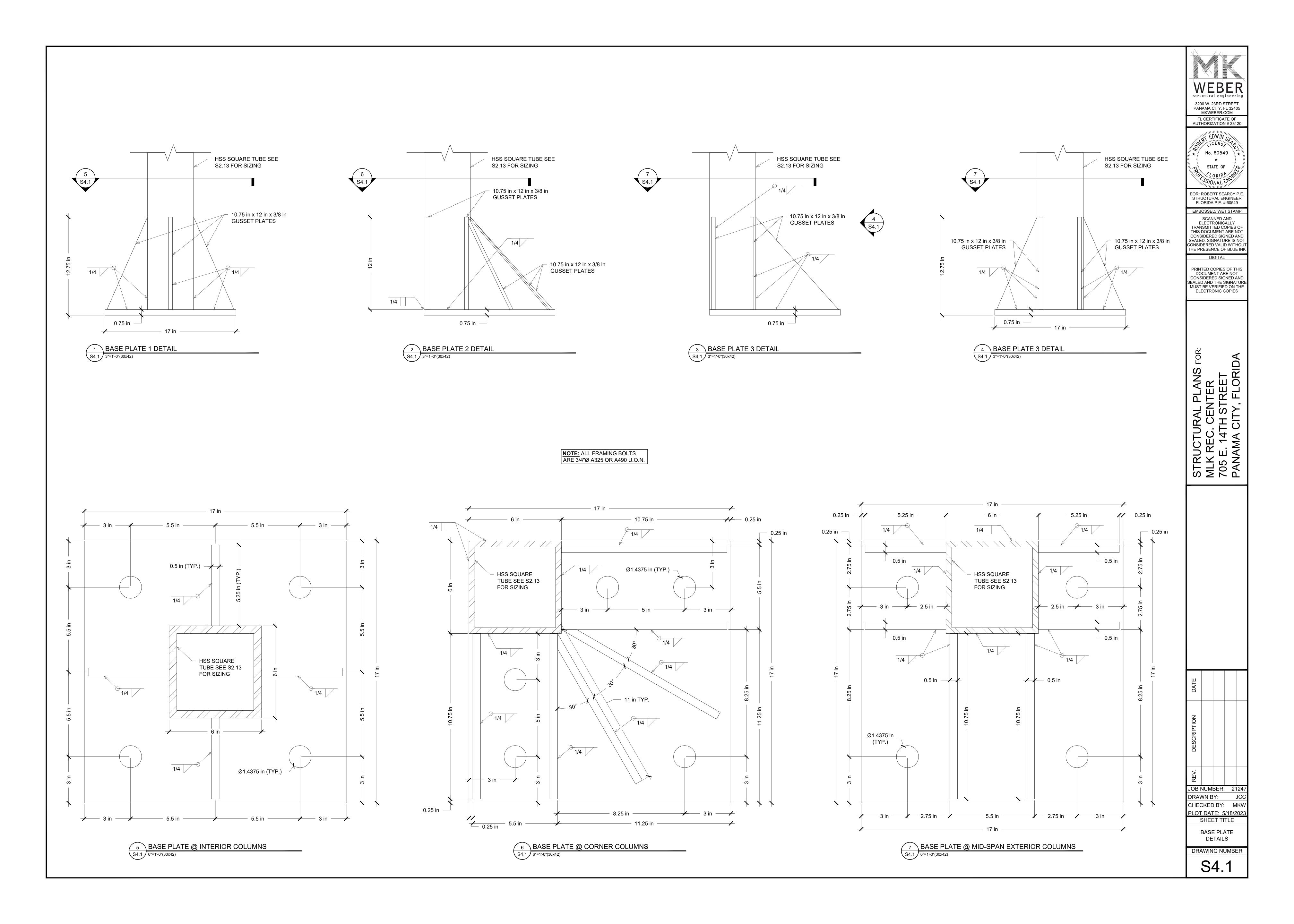
PRINTED COPIES OF THIS
DOCUMENT ARE NOT
CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MUST BE VERIFIED ON THE
ELECTRONIC COPIES

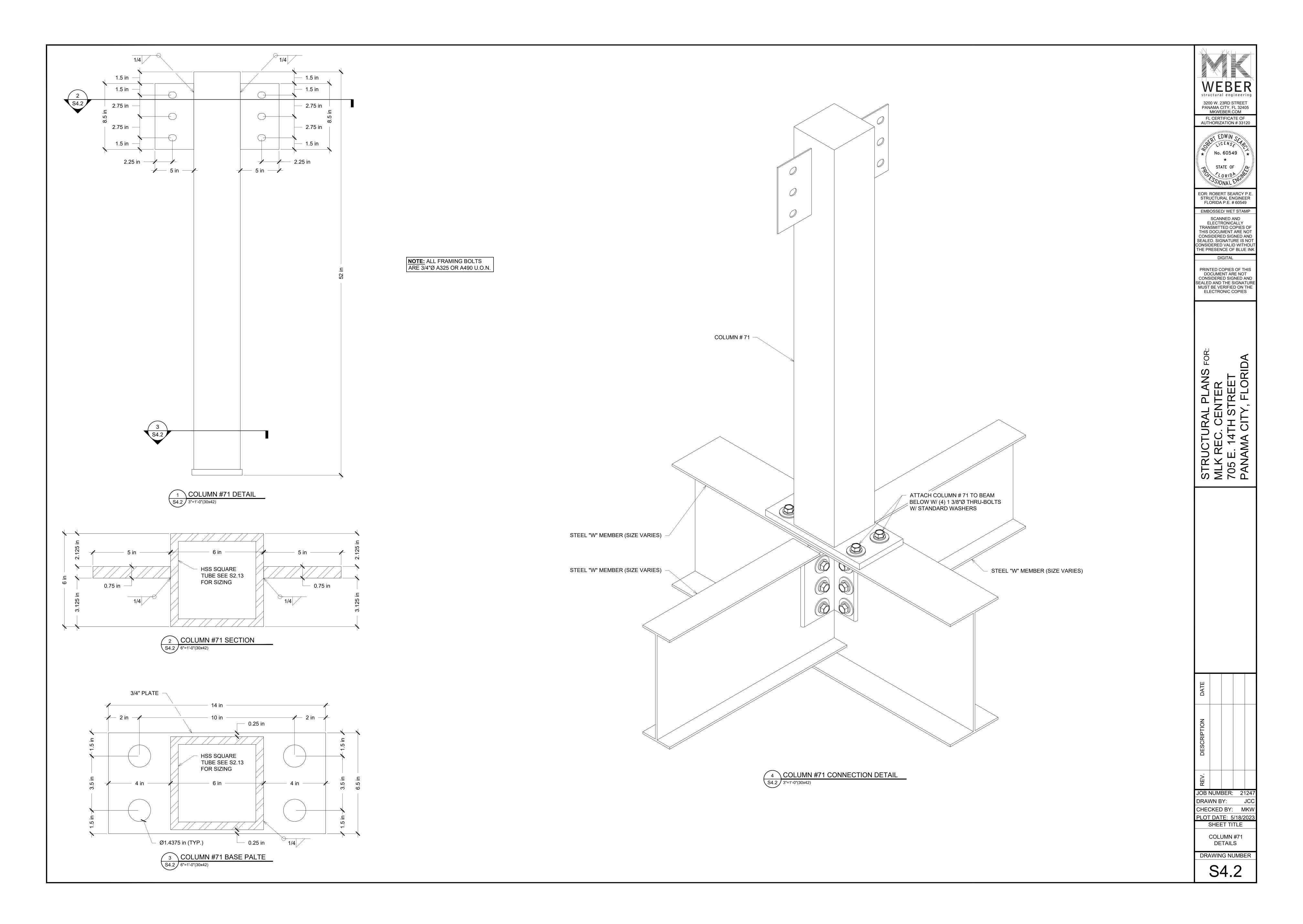
STRUCTURAL PLANS FOR: MLK REC. CENTER 705 E. 14TH STREET PANAMA CITY, FLORIDA

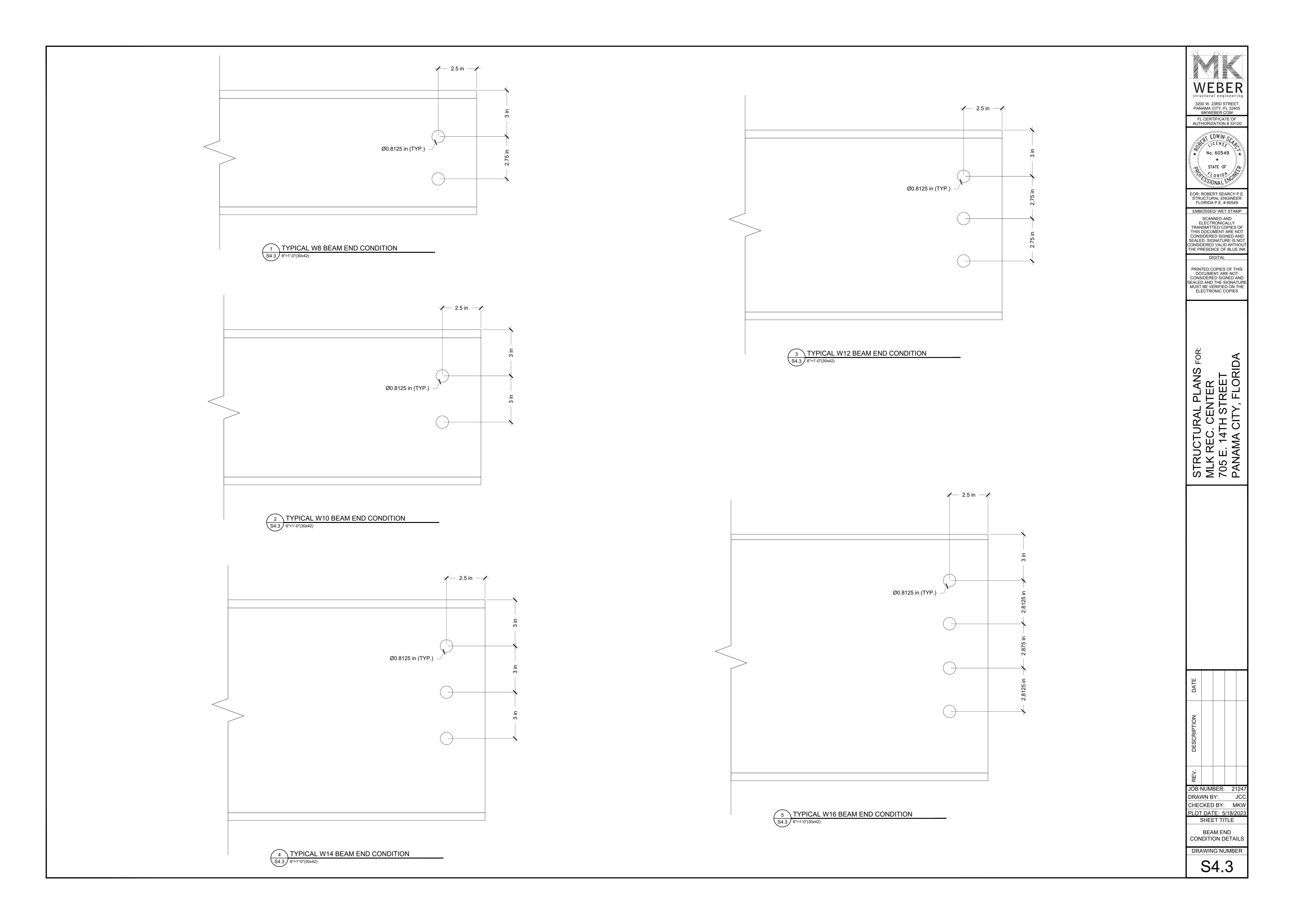
JOB NUMBER: 2124

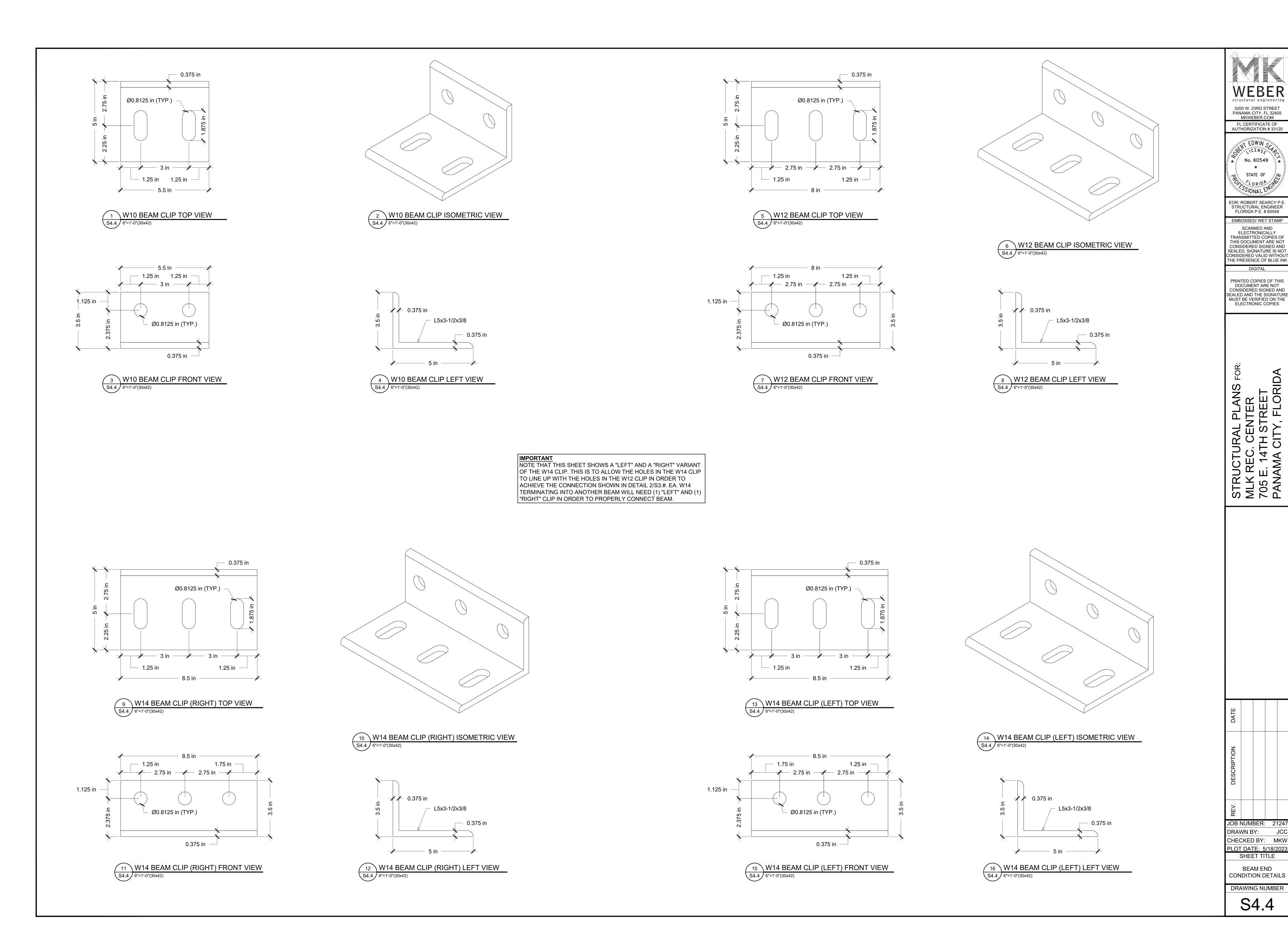
JOB NUMBER: 21247
DRAWN BY: JCC
CHECKED BY: MKW
PLOT DATE: 5/18/2023
SHEET TITLE
BEAM
CONNECTION
DETAILS











DIGITAL

