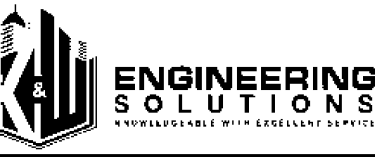


STORAGE RENTALS OF AMERICA

1801 U.S. HIGHWAY 1 & 857 18TH PLACE

VERO BEACH, FL 32960



SEALS



390 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34787
PHONE: (407) 341-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 857 18TH PLACE
VERO BEACH, FL 32960

REVISIONS

REV	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

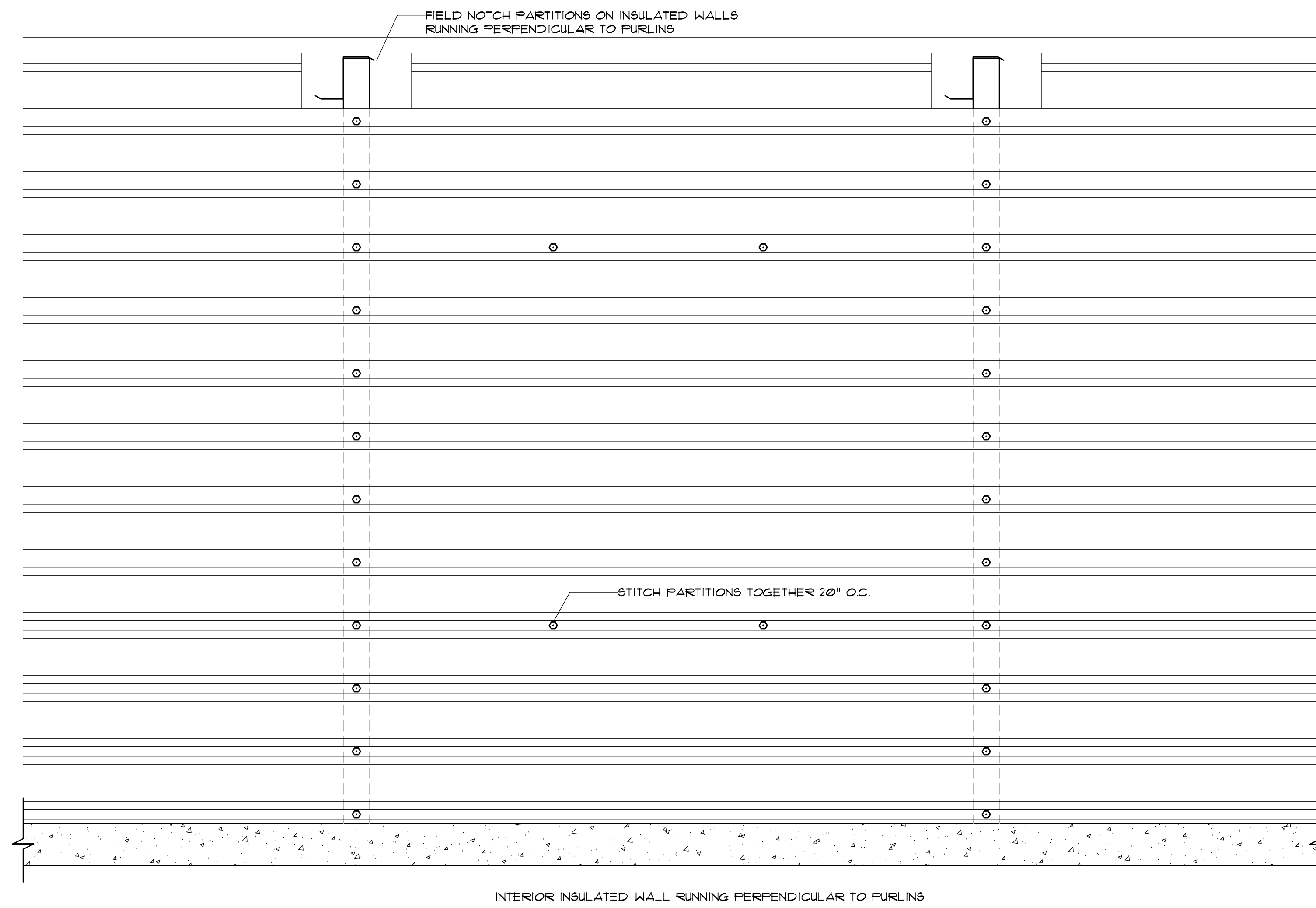
COVER SHEET

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

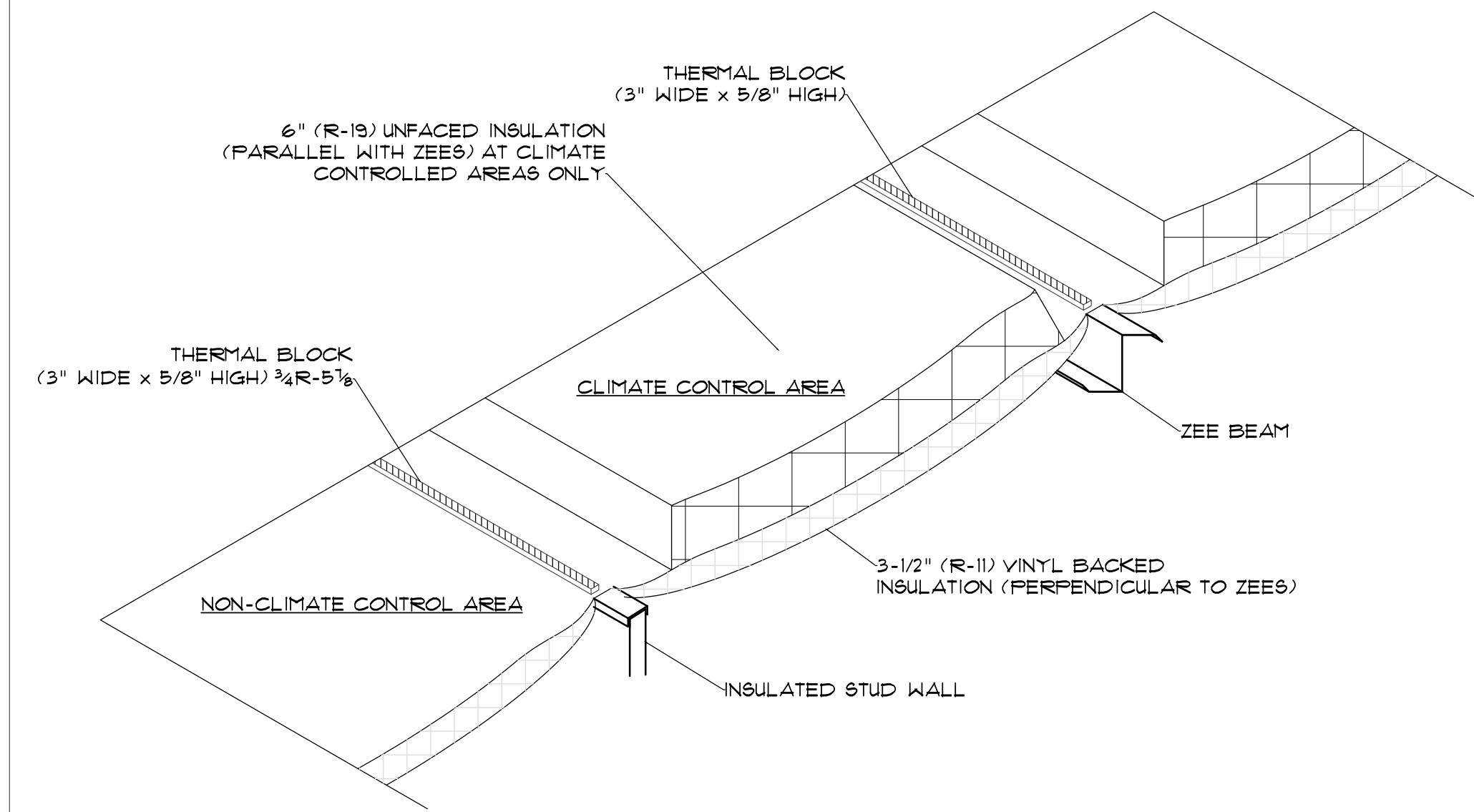
RBS-CS

ABBREVIATIONS		PAGE INDEX		TYPICAL PANELS		TYPICAL PANELS		TYPICAL NOMENCLATURE	
C-FNL	C-PANEL	RBS-C9	COVER SHEET						
R-FNL	R-PANEL	RBS-D1	STRUCTURAL SPECIFICATIONS	<p>FLOOR DECKING: HORIZONTALLY MOUNTED W/ (4) S.D. W/O WASHERS @ EVERY BOTTOM FLUTE @ EVERY MEMBER</p> <p>LOCATION: ALL ELEVATED SLABS</p> <p>SUPPLIER PRODUCT *</p>		<p>WALL SHEETING: HORIZONTALLY OR VERTICALLY MOUNTED W/ TEK SCREWS W/ WASHERS</p> <p>LOCATION: EXTERIOR SHEETING</p> <p>SUPPLIER PRODUCT * FL 15998.1</p>		<p>xBx --- SHOP DETAILED MEMBER NUMBER W2x44 --- MEMBER SIZE</p>	
U-FNL	U-PANEL	RBS-IN10	INSULATION DETAILS					<p>TYP CHANNEL MEMBERS</p> <p>TC8 10'-11 MEMBER LENGTH REFERENCE NAME LISTED ON BOM</p>	
RRU	REVERSED ROLLED U-PANEL	RBS-S10	BUILDING 1ST FLOOR PARTITION & UNIT PLAN	<p>ROOF DECKING: HORIZONTALLY MOUNTED W/ (4) TEK W/O WASHERS @ EVERY BOTTOM FLUTE @ EVERY MEMBER</p> <p>LOCATION: ROOF DECK</p> <p>SUPPLIER PRODUCT *</p>		<p>WALL SHEETING: HORIZONTALLY OR VERTICALLY MOUNTED W/ TEK SCREWS W/ WASHERS</p> <p>LOCATION: EXTERIOR ROOFING</p> <p>SUPPLIER PRODUCT * FL 15998.1</p>		<p>TYP FRAMING SUPPORT MEMBERS</p> <p>(2) Z912-1 19'-6 MEMBER LENGTH MEMBER PIECE MARK MEMBER REFERENCE MARK/NUMBER MEMBER QTY</p>	
RUL	REVERSED ROLLED U-PANEL (LINER)	RBS-S11	BUILDING 1ST FLOOR STUD & CHANNEL PLAN					<p>TYP PARTITION PANELS</p> <p>(3.5) 15'-1 MEMBER LENGTH MEMBER QTY</p>	
PBC	FURLIN BEARING C-PANEL	RBS-E10	BUILDING ELEVATIONS	<p>WALL SHEETING: VERTICALLY MOUNTED W/ S.D. W/ WASHERS</p> <p>LOCATION: EXTERIOR SHEETING</p> <p>SUPPLIER PRODUCT * FL 15998.3</p>		<p>WALL SHEETING: VERTICALLY MOUNTED W/ S.D. W/ WASHERS</p> <p>LOCATION: EXTERIOR SHEETING</p> <p>SUPPLIER PRODUCT * FL 10680.1</p>		<p>COLUMNS</p> <p>TOE (RETURN LEG) FLANGE WEB</p> <p>ZEE BEAMS</p> <p>TOP FLANGE WEB BOT FLANGE</p>	
PBU	FURLIN BEARING U-PANEL	RBS-E11	BUILDING ELEVATIONS					<p>TYPICAL SECTION CUT</p> <p>VIEWING DIRECTION SECTION CUT LABEL</p>	
PBR	FURLIN BEARING R-PANEL	RBS-E12	BUILDING SECTION CUT	<p>WALL SHEETING: HORIZONTALLY MOUNTED W/ S.D. W/ WASHERS</p> <p>LOCATION: INTERIOR SHEETING</p> <p>SUPPLIER PRODUCT * FL 15998.3</p>		<p>WALL SHEETING: VERTICALLY MOUNTED W/ TEK SCREWS W/O WASHERS</p> <p>LOCATION: EXTERIOR SHEETING</p> <p>SUPPLIER PRODUCT * FL 163211-R3</p>		<p>TYPICAL DETAIL FLAG</p> <p>VIEWING DIRECTION DETAIL NUM. PAGE NUM.</p>	
T2-FNL	T2-PANEL	RBS-E13	BUILDING SECTION CUT					<p>TYPICAL GRID BUBBLE</p> <p>GRID NUM. / LETTER</p>	
S&SEAM	STANDING SEAM	RBS-B10	BUILDING 1ST FLOOR BLACK STEEL PLAN	<p>ROOF SHEETING: HORIZONTALLY MOUNTED W/ FIXED ROOF CLIPS & (2) S.D. W/O WASHERS</p> <p>LOCATION: MAIN ROOF</p> <p>SUPPLIER PRODUCT * FL 15997.2</p>		<p>WALL SHEETING: VERTICALLY MOUNTED W/ TEK SCREWS W/O WASHERS</p> <p>LOCATION: EXTERIOR SHEETING</p> <p>SUPPLIER PRODUCT * FL 163211-R3</p>			
A.D.A.	AMERICANS WITH DISABILITIES ACT	RBS-B11	BUILDING 2ND FLOOR BLACK STEEL PLAN						
AFF.	AFTER FINISHED FLOOR	RBS-B12	BUILDING 3RD FLOOR BLACK STEEL PLAN						
BL.	BRICK LEDGE	RBS-BD10	BLACK STEEL DETAILS						
BOM	BILL OF MATERIALS	RBS-BD11	BLACK STEEL DETAILS						
BOB	BOTTOM OF STEEL								
BOT	BOTTOM								
BT	BASE TYPE								
CMU	CONCRETE MASONRY UNIT								
CONC.	CONCRETE								
CONT'S	CONTINUOUS								
DBL	DOUBLE								
EL	ELEVATION								
E.H.T.	EAVE HEIGHT								
GA	GAUGE								
G.C.	GENERAL CONTRACTOR								
FF. / FFLOOR	FINISHED FLOOR								
FMG	FRAMING								
F.W.	FIRE WALL								
INSL	INSULATION								
MFG	MANUFACTURER								
N.T.S.	NOT TO SCALE								
O.C. / O/C	ON CENTER								
PNL	PANEL								
QTY	QUANTITY								
REF	REFERENCE								
REQ'D	REQUIRED								
R.T.S	RAKE TRIM STANDARD								
S.D. / S.D.S.	SELF DRILLING SCREW								
SL	SHEET LEDGE								
TOS	TOP OF STEEL								
TS	TUBE STEEL								
TYP	TYPICAL								
UN.	UNLESS NOTED								
W.A.	WEDGE ANCHOR								
CL	CENTER LINE								
PL	PLATE								
L-	ANGLE								

SHAPE	C5.18	C4.12	C4.14	C4.16	C6.14	C6.16	BC4.14	BC4.16	BC6.14	BC6.16	TC4.12	TC4.14	TC4.16	TC6.14	TC6.16	H6.12	H6.14	H6.16	H8.12	H8.14	H8.16	H12.12	H12.14	H12.16	L1	L2	RC4.16	Z4.16	Z6.16	Z8.16	BB2.12	BB2.14	SB1.8	SP.16	UP.26	UP.28	2FD.36	E84.16	A3.16	A24.16	G4.16	G6.16	SG.16	SG.2.16	GC4	GC6	CL1	DOUBLE CEE	TRIPLE CEE	QUAD CEE
WEB	1 5/8"	4"	4"	4"	6"	6"	4"	4"	6"	6"	4"	4"	4"	6"	6"	6"	6"	6"	8"	8"	8"	12"	12"	12"	4"	4 1/2"	4"	4"	6"	8"	12"	12"	VARIABLES	VARIABLES	36"	36"	36"	4"	3	2	4"	6"	6"	6"	4"	6"	6"			
FLNG.	1 5/8"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2"	2"	2"	2"	3"	3"	3"	3"	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	4"	4 1/2"	3"	2 1/2"	2 1/2"	2 1/2"	N/A	N/A	3 3/4"	4 3/4"	N/A	N/A	N/A	2 1/2"	3	4	2 1/2"	2 1/2"	1"	1"	N/A	N/A	3"				
GA.	18	12	14	16	14	16	14	16	14	16	12	14	16	14	16	12	14	16	12	14	16	12	14	16	3/8	12	16	16	16	12	14	18	16	26	29	18	16	16	16	16	16	12	12	12						
USAGE	CHNL SECTION	STUDS	STUDS	STUDS	STUDS	STUDS	BOT. CHNL.	BOT. CHNL.	BOT. CHNL.	BOT. CHNL.	TOP CHNL.	TOP CHNL.	TOP CHNL.	TOP CHNL.	TOP CHNL.	HDR	HDR	HDR	HDR	HDR	HDR	HDR	HDR	HDR	LEDGER	FOUR STOP	RECEIV. CHNL.	FURLIN	FURLIN	FURLIN	BOX BEAM	BOX BEAM	STRC. HDR.	STRC. PIER	PART. PANEL	PART. PANEL	FLOOR DEK.	EAVE STRUT	RAKE SUPPT.	RAKE SHGT.	GIRT	GIRT	SUB GT.	SUB GT.	GIRT CLIP	GIRT CLIP	MASNRY CLIP			

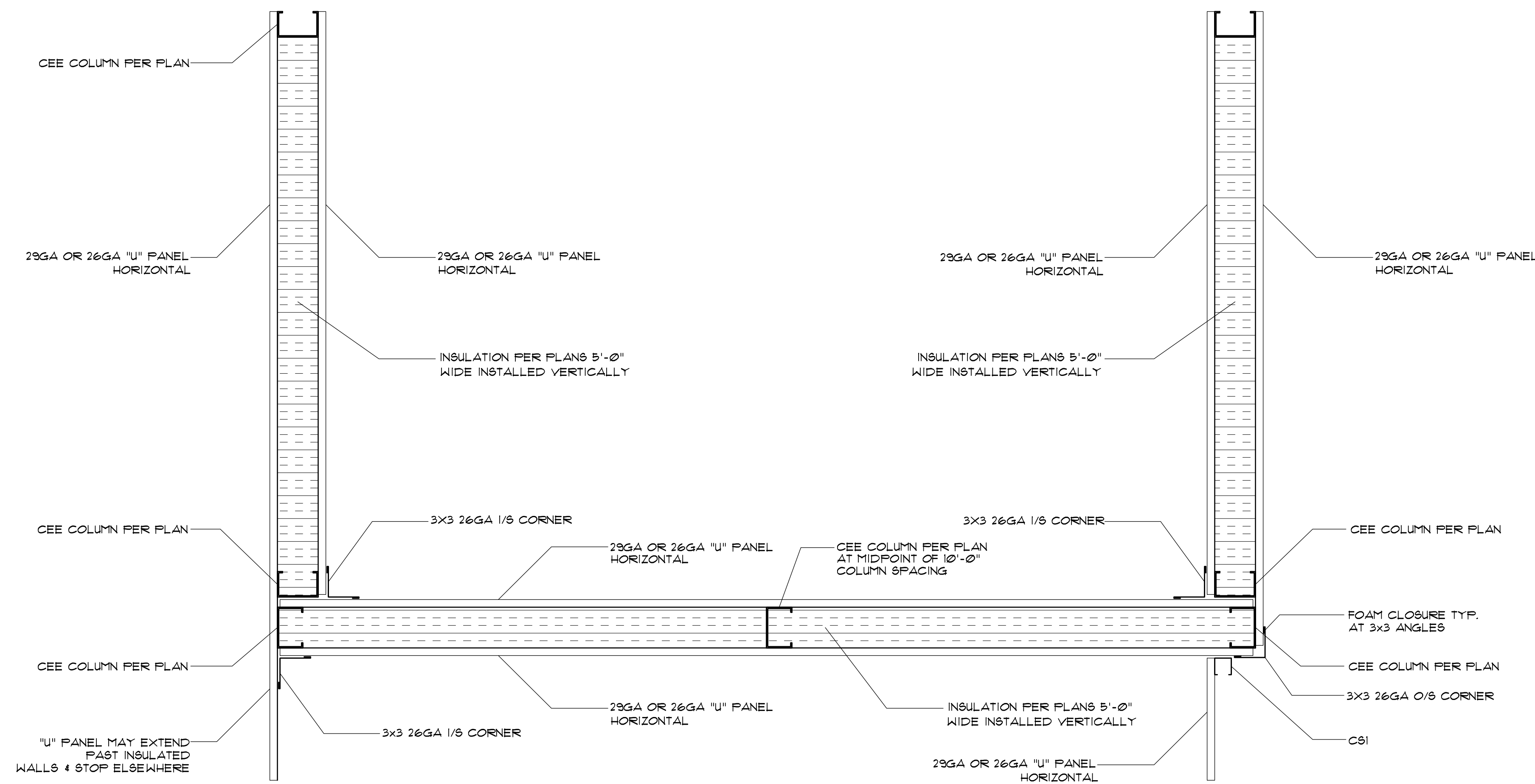


INTERIOR INSULATED WALL RUNNING PERPENDICULAR TO PURLINS

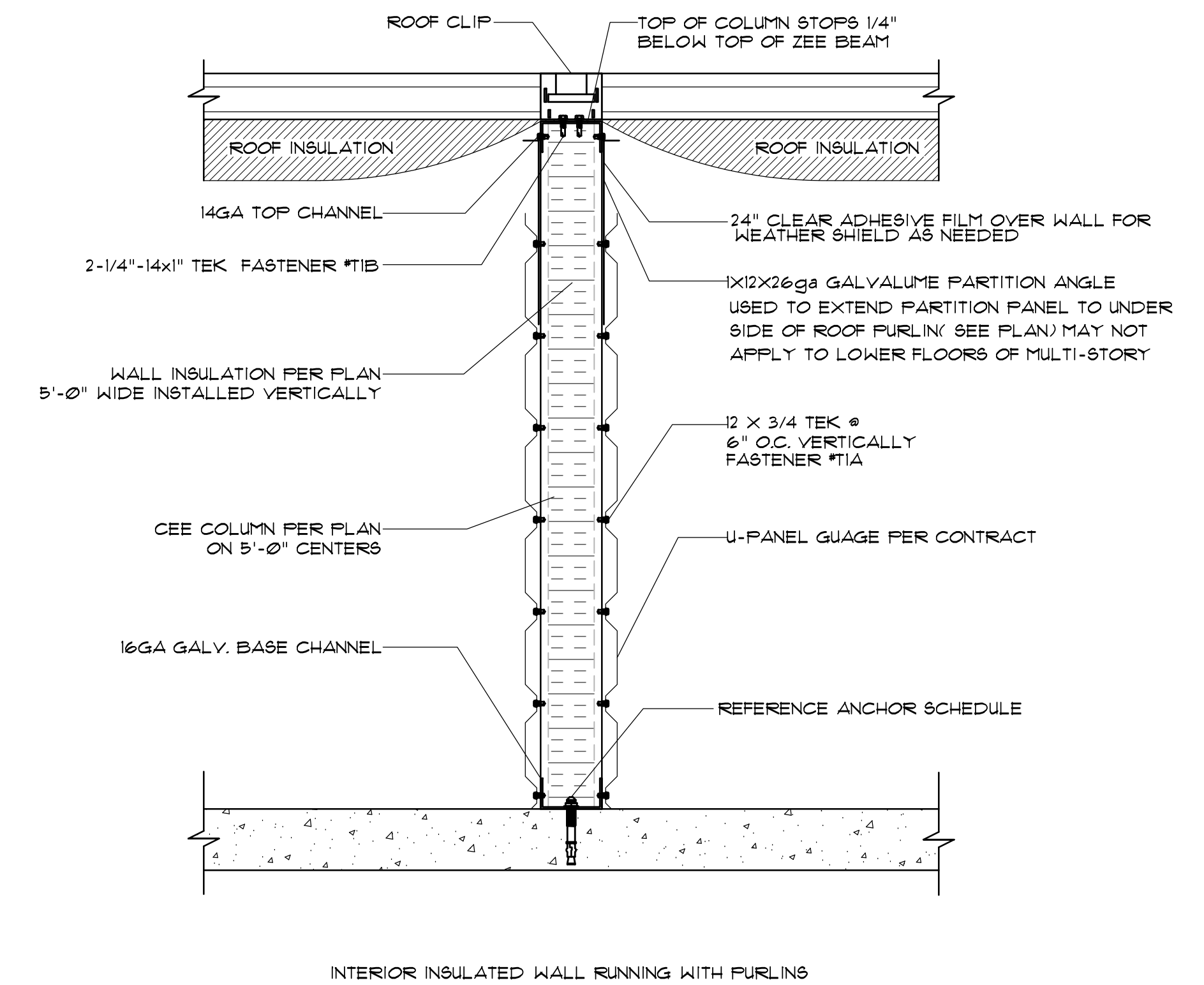


NOTE:
DO NOT INSTALL 3-1/2" UN-FACED INSULATION
OVER EXTERIOR NON CLIMATE CONTROL UNITS.

SECTION - ROOF INSULATION
FOR CLIMATE CONTROLLED BUILDING



GENERIC INSULATION WALL LAYOUT
(NOTE: INSULATED WALLS SHEETED LEFT TO RIGHT)



INTERIOR INSULATED WALL RUNNING WITH PURLINS



SEALS



390 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 341-9614
INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

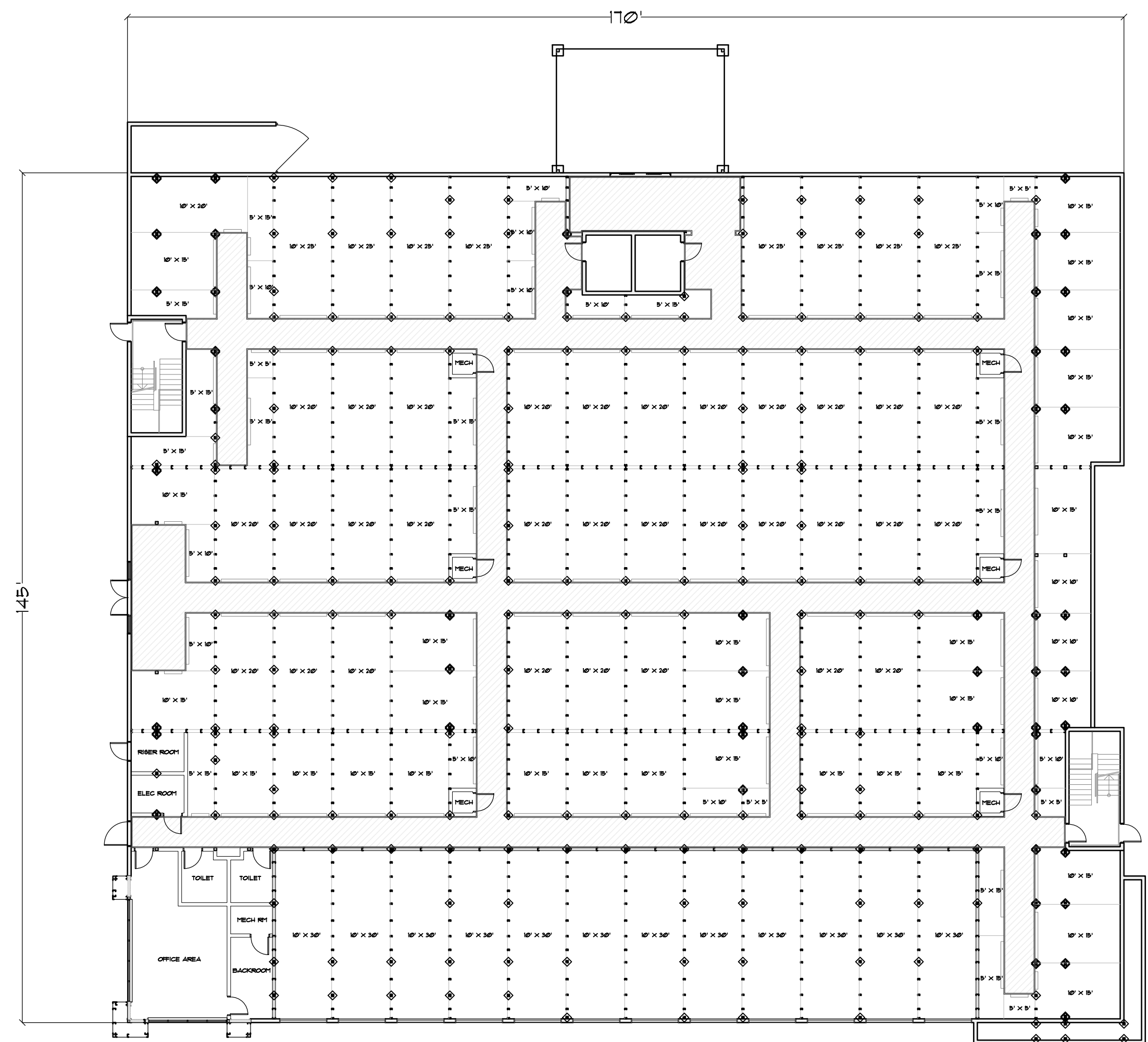
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

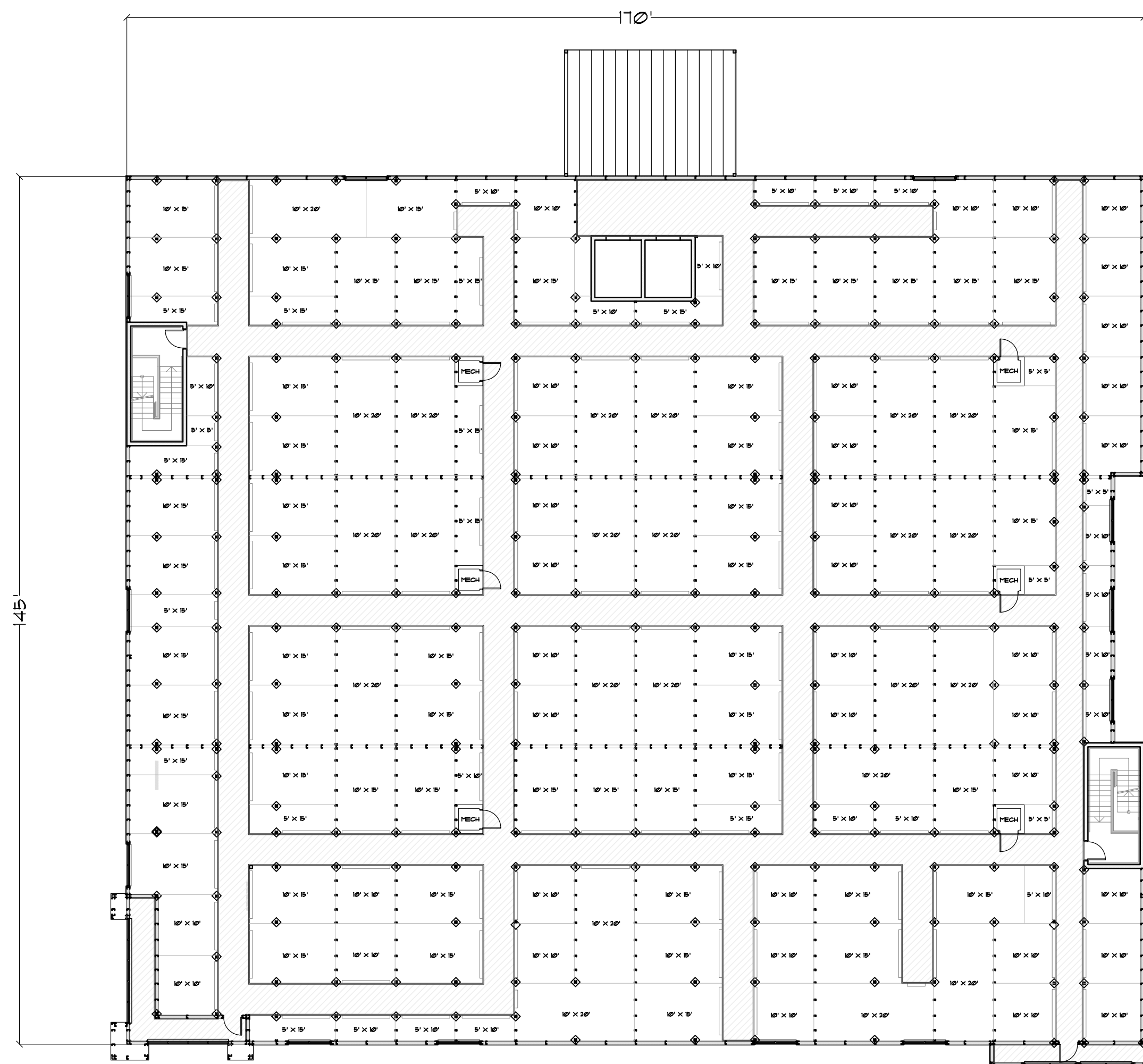
SHEET TITLE
INSULATION DETAILS

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

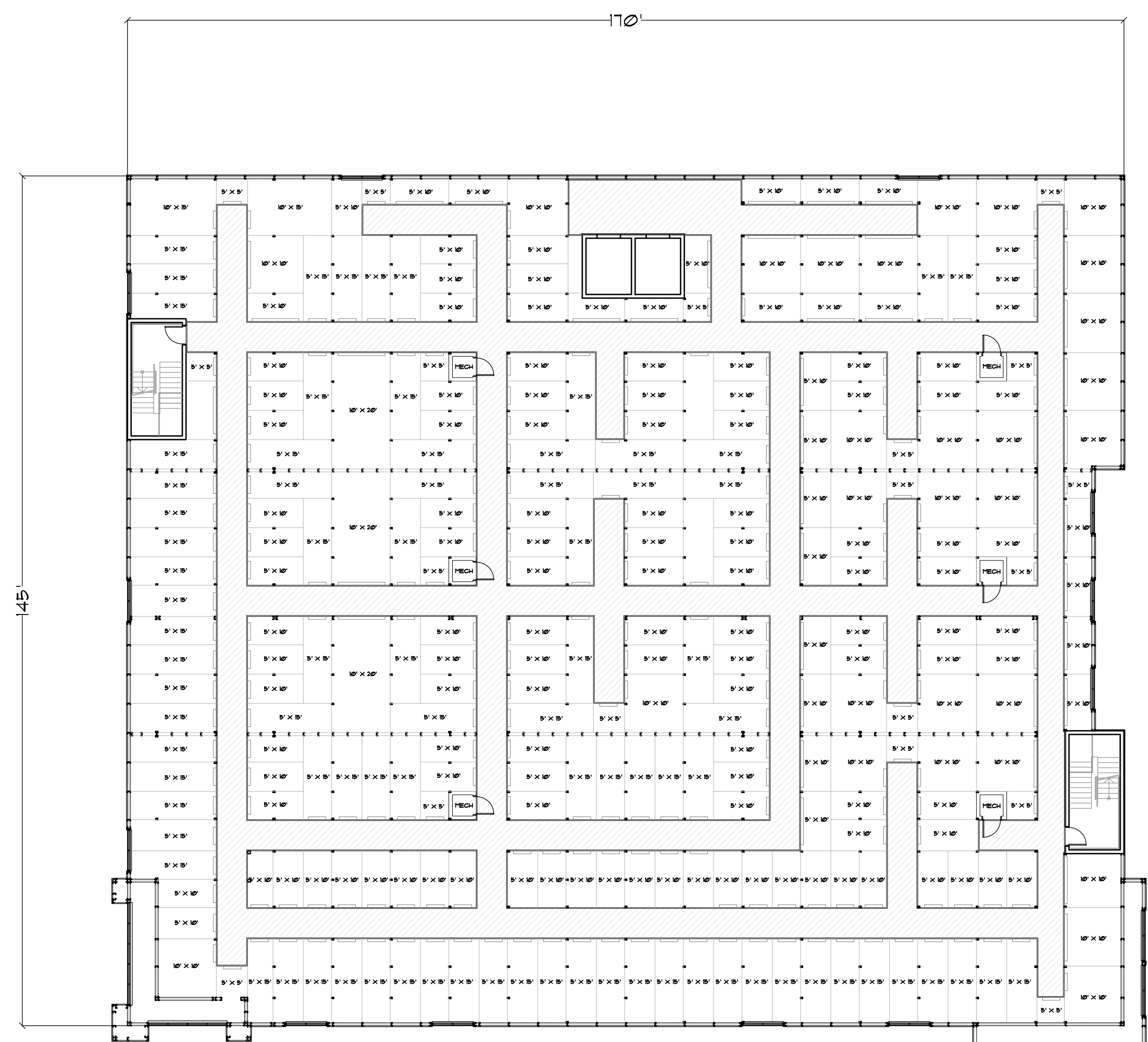
RBS-INI.1



BLDG 1ST FLOOR LAYOUT PLAN



BLDG 2ND FLOOR LAYOUT PLAN



BLDG 3RD FLOOR LAYOUT PLAN



BLDG SITE PLAN

NTS



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34181
PHONE: (407) 341-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

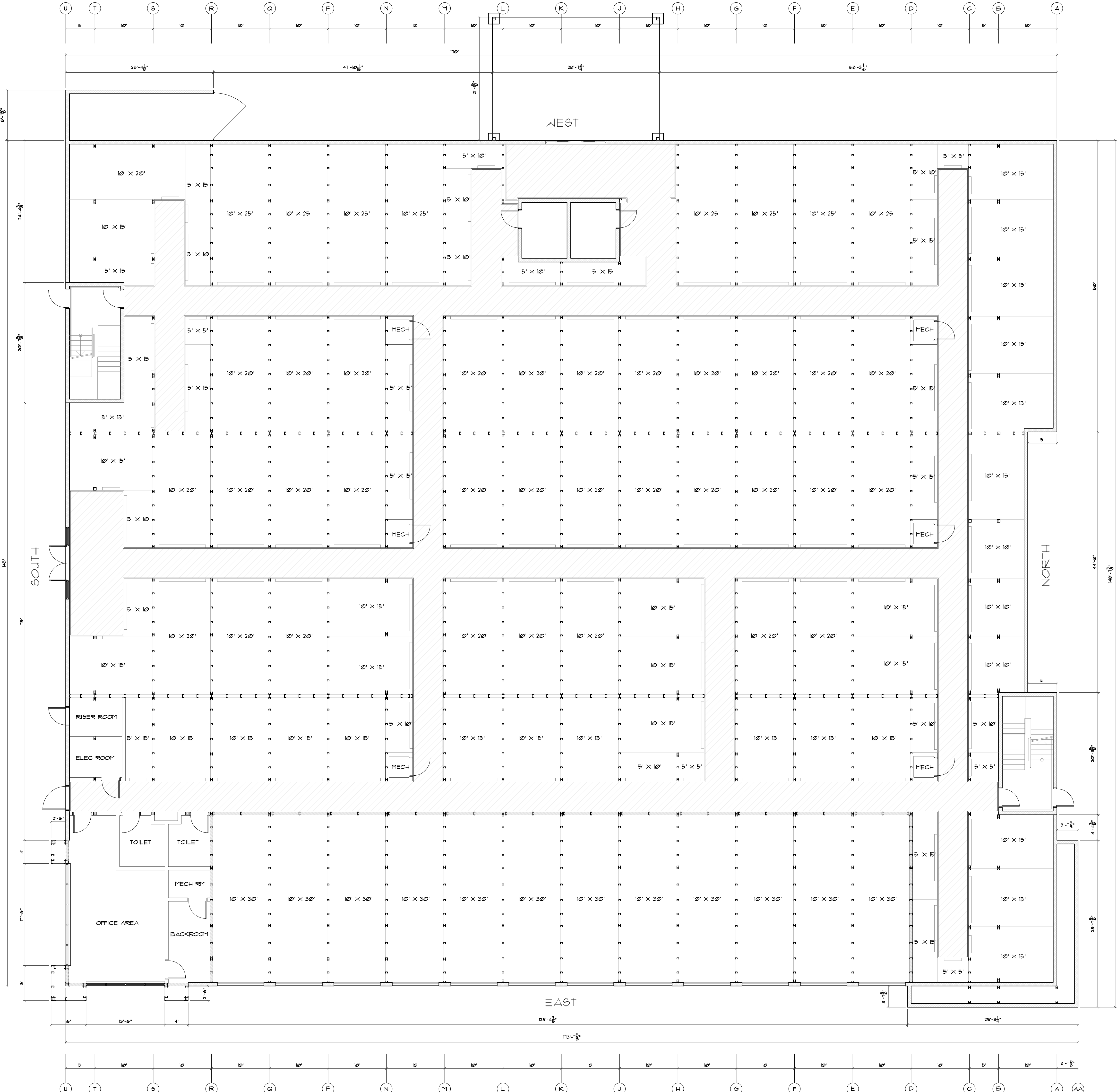
REV.	DATE	DESCRIPTION	BY
△	11-29-23	ELEV REVISION	AB

SHEET TITLE

SITE LAYOUT

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-SLI



LINE KEY

	PIER HEADER
	8" CMU BLOCK (EXPOSED BOTH SIDES) FILL UNPOURED CELLS W/POLYMASTER R-501 BY OTHERS
	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	HEADER BEAMS NEED MORE THAN 5' BAY
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	HALL WAY SYSTEM
	COLUMNS

BOTTOM FLOOR PLAN NOTES (3 STORY)

- SEE FOUNDATION PLAN FOR SLAB ON GRADE
- TYPICAL INTERIOR SUPPORTING COLUMN SHALL BE C4.12 (4"x2.5"x12GA W/ CONT. 14GA BASE CHANNEL 4 CONT. 12GA TOP CHANNEL)
- TYPICAL EXTERIOR SUPPORTING COLUMN SHALL BE C6.14 (6"x2.5"x12GA W/ CONT. 14GA BASE CHANNEL 4 CONT. 12GA TOP CHANNEL)
- PARTITION PANEL SHALL BE 26GA HORIZONTAL PARTITION PANEL W/ #10 TEK SCREW SIDELAP FASTENERS @ 20" O.C. MAX.
- H4.12 = DOUBLE H4.12 (6"x2.5"x12GA CEE HEADER) FOR 5' SPANS (COLUMN SUPPORTING HEADERS ARE DOUBLE C4.12 4"x2.5"x12GA CEE EACH END OF HEADER)
- H8.12 = DOUBLE H8.12 (8"x2.5"x12GA CEE HEADER) FOR 7.5' SPANS (COLUMN SUPPORTING HEADER ARE TRIPLE C4.12 4"x2.5"x12GA CEE EACH END OF HEADER)
- H12.12 = DOUBLE H12.12 (12"x2.5"x12GA CEE HEADER) FOR 10'-12" SPANS (COLUMN SUPPORTING HEADER ARE TRIPLE C4.12 4"x2.5"x12GA CEE EACH END OF HEADER)
- SG116 (1"x16GA SUBGIRT AT 5' O.C. MAX.)

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE

BOTTOM FLOOR (MULTI)

BASE TRACK INSTALLATION
1/2"x3 3/4" WEDGE ANCHORS 30" O.C.

PIER INSTALLATION
1/2"x3 3/4" WEDGE ANCHORS

SPECIAL MASONRY TRACK ATTACHMENT 12GA GALV. (TO CMU)
3/4"x5 1/2" WEDGE ANCHORS

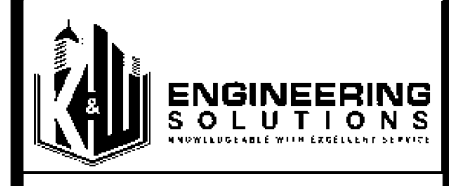
STEEL DECK SUPPORT ANGLE (TO CMU)
3/4"x5 1/2" WEDGE ANCHORS 24" O.C.

- 1
- 1A
- 2
- 2A
- 3
- 3A
- 4
- 4A
- 5
- 5A
- 6
- 6A
- 7
- 7A
- 8
- 8A
- 9
- 9A
- 10
- 10A
- 11
- 11A
- 12
- 12A
- 13
- 13A
- 14
- 14A
- 15
- 15A
- 16
- 16A
- 17
- 17A
- 18
- 18A
- 19
- 19A
- 20
- 20A
- 21
- 21A
- 22
- 22A
- 23
- 23A
- 24
- 24A
- 25
- 25A
- 26
- 26A
- 27
- 27A
- 28
- 28A
- 29
- 29A
- 30
- 30A

BLDG 2ND FLOOR PARTITION & UNIT PLAN 1/8" = 1'

NOTE: INFILL STUDS ARE AT 24" O.C. MAX. AT BRICK / EIFS EXTERIOR FINISH WALLS, NOT SHOW FOR CLARITY.

NOTE: ALL EXTERIOR DIMENSIONS ARE SHOWN FROM O/S OF STEEL TO O/S OF STEEL. ALL EXTERIOR FINISHES ARE NOT INCLUDED IN THESE DIMENSIONS. SEE ELEVATIONS FOR FINISHES.



SEALS



350 E CROWN POINT RD.
SUITE 1080
WINTER GARDEN, FL 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

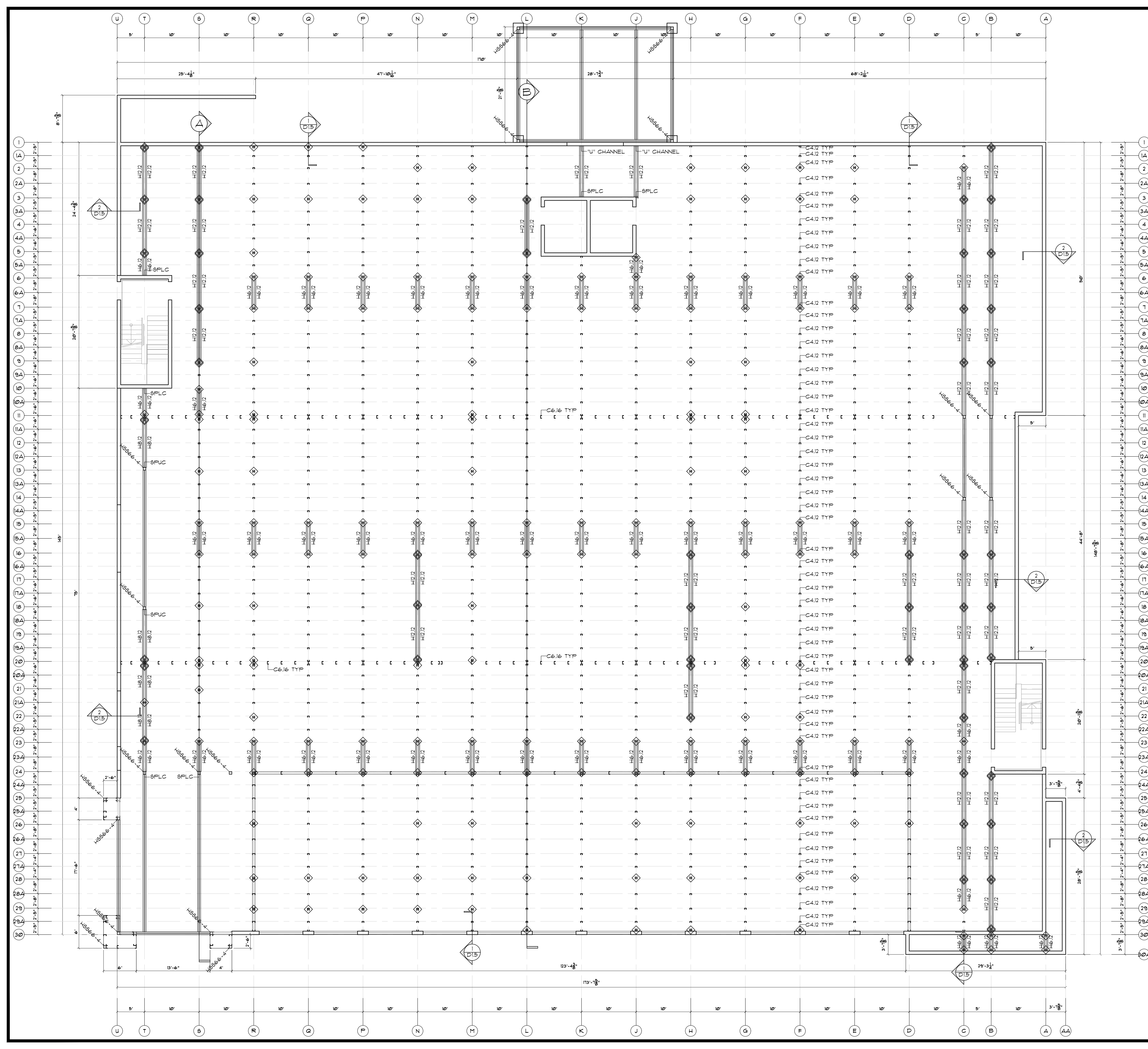
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
1ST FLOOR PARTITION & UNIT PLAN

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-S1.0



LINE KEY	
	PIER HEADER
	8" CMU BLOCK (EXPOSED BOTH SIDES) FILL UNPOURED CELLS W/POLYMASTER R-501 BY OTHERS
	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	HEADER BEAMS NEED MORE THAN 5' BAY
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	HALL WAY SYSTEM
	COLUMNS

BOTTOM FLOOR PLAN NOTES (3 STORY)

SEE FOUNDATION PLAN FOR SLAB ON GRADE

TYPICAL INTERIOR SUPPORTING COLUMN SHALL BE C4.12
(4"x2.5"x12GA W/ CONT. 14GA BASE CHANNEL
+ CONT. 12GA TOP CHANNEL)

TYPICAL EXTERIOR SUPPORTING COLUMN SHALL BE C6.14
(6"x2.5"x14GA W/ CONT. 14GA BASE CHANNEL
+ CONT. 12GA TOP CHANNEL)

PARTITION PANEL SHALL BE 26GA HORIZONTAL PARTITION PANEL W/ #10 TEK SCREW SIDELAP
FASTENERS @ 20" O.C. MAX.

H6.12 = DOUBLE H6.12 (6"x2.5"x12GA CEE HEADER) FOR 5' SPANS
(COLUMNS SUPPORTING HEADERS ARE DOUBLE C4.12 4"x2.5"x12GA CEE EACH END OF HEADER)

H8.12 = DOUBLE H8.12 (8"x2.5"x12GA CEE HEADER) FOR 7.5' SPANS
(COLUMNS SUPPORTING HEADERS ARE TRIPLE C4.12 4"x2.5"x12GA CEE EACH END OF HEADER)

H12.12 = DOUBLE H12.12 (12"x2.5"x12GA CEE HEADER) FOR 10'-0" SPANS
(COLUMNS SUPPORTING HEADERS ARE TRIPLE C4.12 4"x2.5"x12GA CEE EACH END OF HEADER)

5G116 (1"x16GA SUBGIRT AT 5' O.C. MAX.)

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE

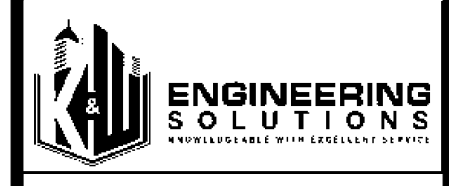
BOTTOM FLOOR (MULTI)

BASE TRACK INSTALLATION
1/2"x3 3/4" WEDGE ANCHORS 30" O.C.

PIER INSTALLATION
1/2"x3 3/4" WEDGE ANCHORS

SPECIAL MASONRY TRACK ATTACHMENT 12GA. GALV. (TO CMU)
3/4"x5 1/2" WEDGE ANCHORS

STEEL DECK SUPPORT ANGLE (TO CMU)
3/4"x5 1/2" WEDGE ANCHORS 24" O.C.



SEAL'S



350 E CROWN POINT RD.
SUITE 1080
WINTER GARDEN, FL 34787
PHONE: (407) 341-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
1ST FLOOR
STUD & CHANNEL
PLAN

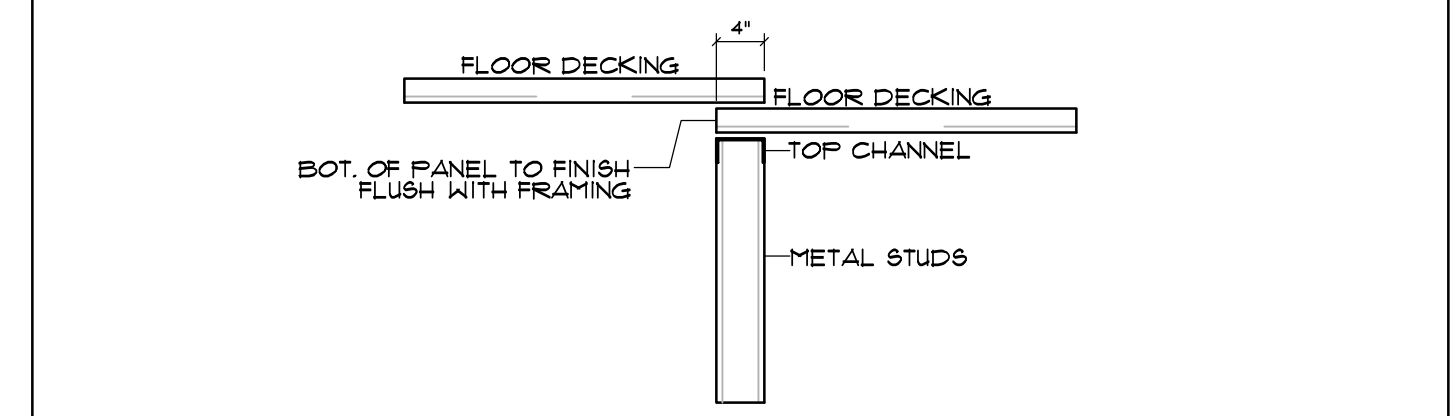
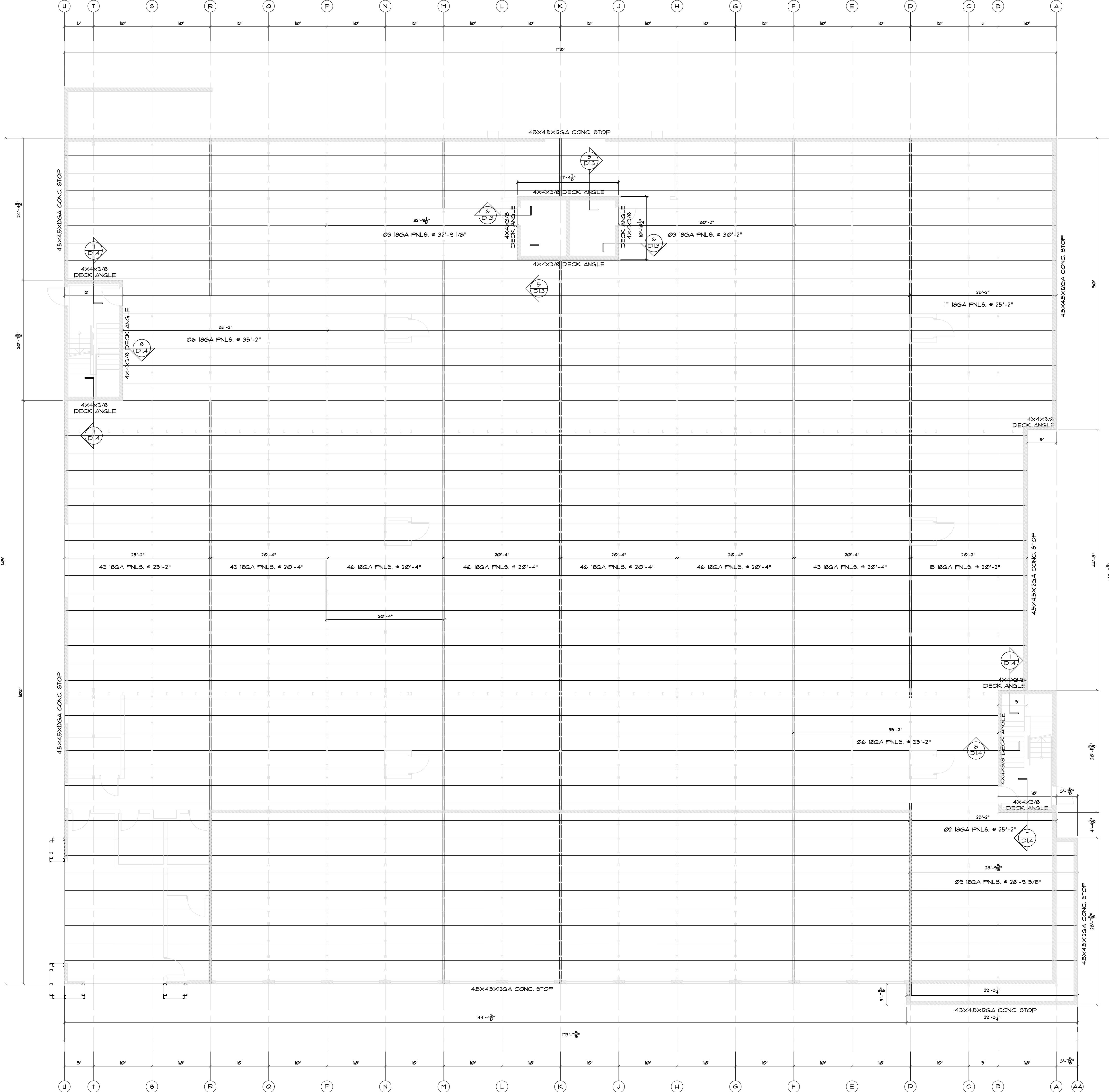
1ST FLOOR STUD & CHANNEL PLAN 1/8" = 1'

NOTE: INFILL STUDS ARE AT 24" O.C. MAX. AT BRICK / EIFS
EXTERIOR FINISH WALLS. NOT SHOW FOR CLARITY.

NOTE: ALL EXTERIOR DIMENSIONS ARE SHOWN FROM O/S
OF STEEL TO O/S OF STEEL. ALL EXTERIOR FINISHES ARE NOT
INCLUDED IN THESE DIMENSIONS. SEE ELEVATIONS FOR FINISHES.

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-51.1



NOTE TO THE GENERAL CONTRACTOR:
 ALL LAP SEAMS AND EDGE CONDITIONS OF DECKING ARE TO BE SEALED PRIOR TO THE POURING OF CONCRETE AND IS NOT THE RESPONSIBILITY OF RAPID BUILDING SOLUTIONS (RBS). FAILURE TO SEAL THE SEAMS AND EDGE CONDITIONS WILL ALLOW LEAKAGE OF CONCRETE. ANY CLEANUP OR DAMAGES TO MATERIALS CAUSED WILL NOT BE THE RESPONSIBILITY OF RBS.

TYPICAL ELEVATED FLOOR CONSTRUCTION
 4 1/2" (2 1/2" CLEAR) REGULAR WEIGHT CONCRETE 3000 PSI OVER VULCRAFT 2VL18 GALV COMPOSITE METAL DECK. REINFORCE SLAB W/ 6x6-W14x14 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS. SET FLAT SHEETS 1 1/2" ABOVE DECK. FASTEN DECK TO SUPPORT STRUCTURE WITH #2 TEK SELF-DRILLING SCREWS AT EA FLUTE, 36/4 PATTERN WITH (4) SIDELAP FASTENERS.
 ELEVATED FLOOR DECKS ARE DESIGNED FOR A 20 PSF CONSTRUCTION LIVE LOAD. RIDE ON TROWEL MACHINES SHOULD NOT BE USED UNLESS THE DECK IS SHORED.



SEALS



350 E CROWN POINT RD.
 SUITE 1000
 WINTER GARDEN, FL 34787
 PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
 541-23-VER-FL

STORAGE RENTALS OF AMERICA
 1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
 VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

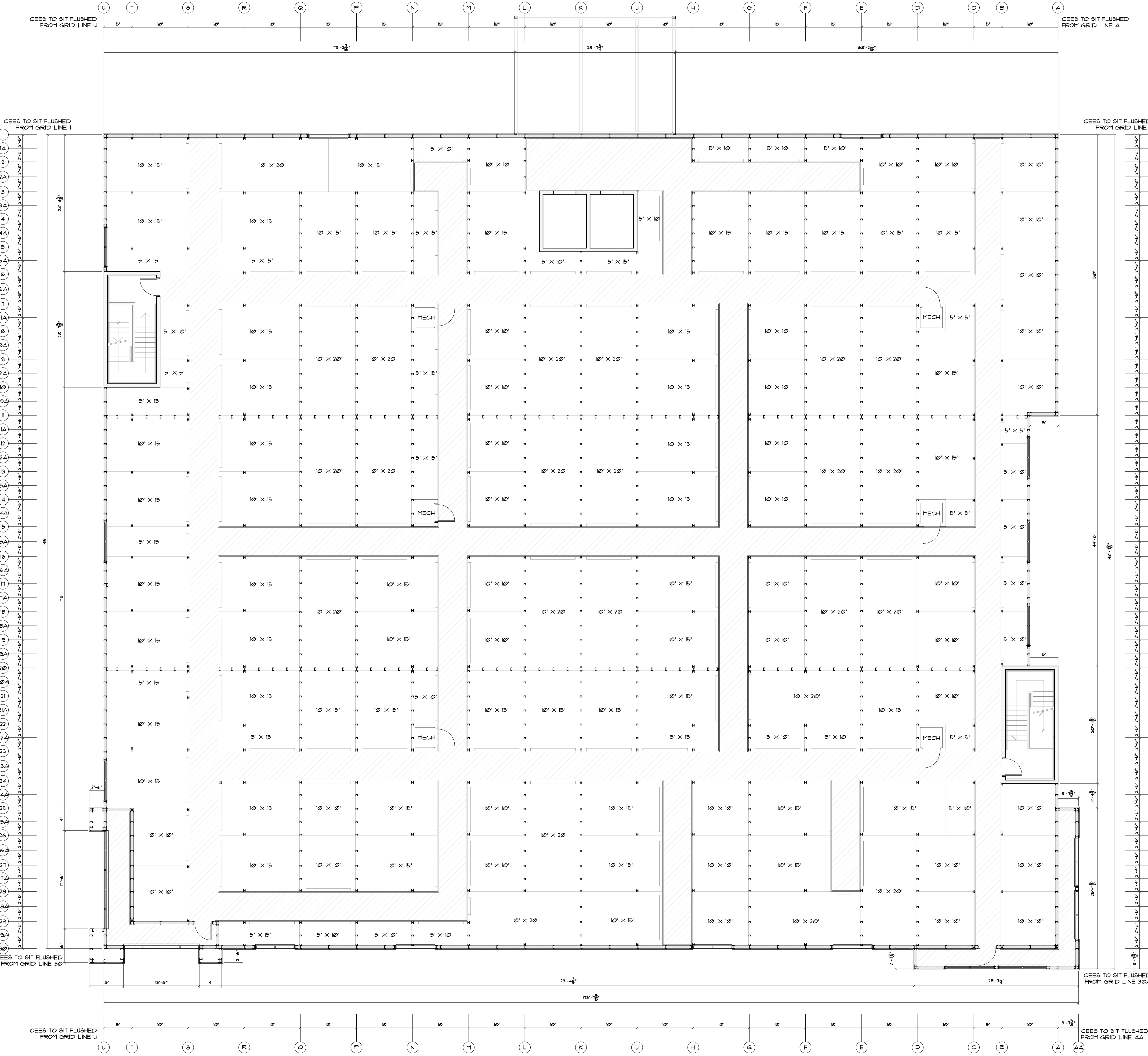
SHEET TITLE

1ST FLOOR FLOOR DECKING PLAN

BLDG FIRST FLOOR DECKING PLAN 1/8" = 1'

DATE: 01-10-24
 DESIGNED BY: RBS
 CHECKED BY: RBS
 DRAWN BY: APB
 SCALE: AS NOTED
 SHEET

RBS-S1.2



LINE KEY

	6" R-15 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND EIFS EXTERIOR BY OTHERS
	HEADER BEAMS NEED MORE THAN 5' BAY
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS

MIDDLE FLOOR PLAN NOTES (3 STORY)

T/SECOND FLOOR SLAB = 10'-8"

TYPICAL ELEVATED FLOOR CONSTRUCTION BETWEEN 1ST AND 2ND FLOORS SHALL BE 4 1/2" (2 1/2" CLEAR) REGULAR WEIGHT CONCRETE 3000 PSI OVER VULCRAFT 2VL118 GALVANIZED COMPOSITE METAL DECK REINFORCE SLAB WITH 6X6-W14X14 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS. SET FLAT SHEETS 1 1/2" ABOVE DECK. FASTEN DECK TO SUPPORT STRUCTURE WITH #2 TEK SELF-DRILLING SCREWS AT EA FLUTE, 36/4 PATTERN WITH (4) SIDELAP FASTENERS. ELEVATED FLOOR DECKS ARE DESIGNED FOR A 20 PSF CONSTRUCTION LIVE LOAD. RIDE ON TROWEL MACHINES SHOULD NOT BE USED UNLESS THE DECK IS SHORED

TYPICAL INTERIOR SUPPORTING COLUMN SHALL BE C4.14 (4"X2.5"X14GA W/ CONT. 16GA BASE CHANNEL 4 CONT. 14GA TOP CHANNEL)

TYPICAL EXTERIOR SUPPORTING COLUMN SHALL BE C6.16 (6"X2.5"X16GA W/ CONT. 16GA BASE CHANNEL 4 CONT. 14GA TOP CHANNEL)

PARTITION PANEL SHALL BE 29GA HORIZONTAL PARTITION PANEL W/ #10 TEK SCREW SIDELAP FASTENERS @ 20" O.C. MAX.

H6.12 = DOUBLE H6.12 (6"X2.5"X12GA CEE HEADER) FOR 5'-15" SPANS (COLUMNS SUPPORTING HEADERS ARE DOUBLE C4.12 4"X2.5"X12GA CEE EACH END OF HEADER)

H8.12 = DOUBLE H8.12 (8"X2.5"X12GA CEE HEADER) FOR 15'-10" SPANS (COLUMNS SUPPORTING HEADERS ARE DOUBLE C4.12 4"X2.5"X12GA CEE EACH END OF HEADER)

H12.12 = DOUBLE H12.12 (12"X2.5"X12GA CEE HEADER) FOR 15" SPANS (COLUMNS SUPPORTING HEADERS ARE TRIPLE C4.12 4"X2.5"X12GA CEE EACH END OF HEADER)

SG116 (1"X16GA SUBGIRT AT 5' O.C. MAX.)

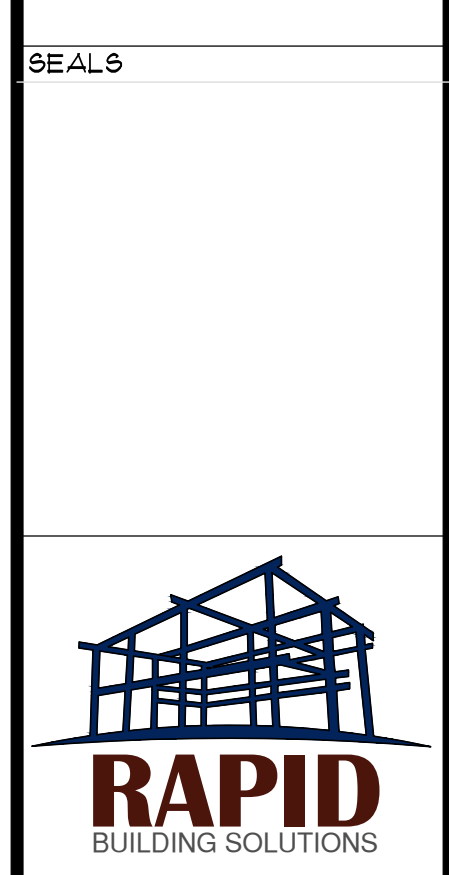
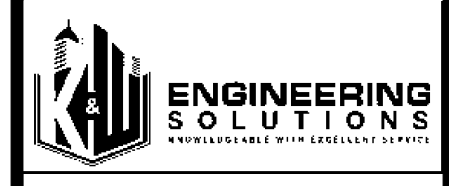
ANCHOR SCHEDULE UNLESS NOTED OTHERWISE

MIDDLE FLOOR (MULTI)

BASE TRACK INSTALLATION
1/2"X2 3/4" WEDGE ANCHORS 30" O.C.

SPECIAL MASONRY TRACK ATTACHMENT 12GA GALV. (TO CMU)
3/4"X5 1/2" WEDGE ANCHORS

STEEL DECK SUPPORT ANGLE (TO CMU)
3/4"X5 1/2" WEDGE ANCHORS 24" O.C.



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34781
PHONE: (407) 341-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
2ND FLOOR
PARTITION & UNIT
PLAN

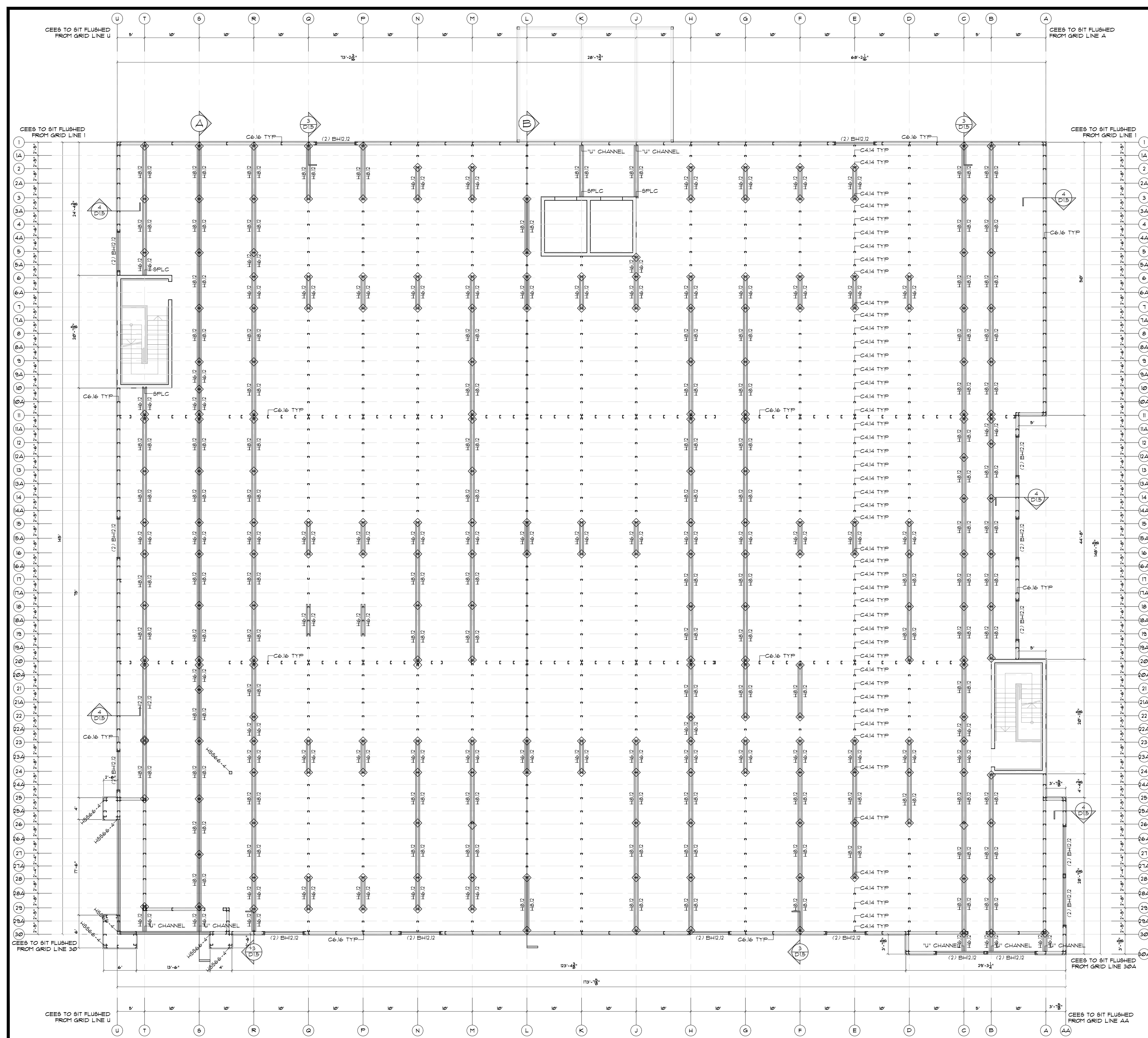
BLDG 2ND FLOOR PARTITION & UNIT PLAN 1/8" = 1'

NOTE: INFILL STUDS ARE AT 24" O.C. MAX. AT BRICK / EIFS EXTERIOR FINISH WALLS, NOT SHOW FOR CLARITY.

NOTE: ALL EXTERIOR DIMENSIONS ARE SHOWN FROM O/S OF STEEL TO O/S OF STEEL, ALL EXTERIOR FINISHES ARE NOT INCLUDED IN THESE DIMENSIONS. SEE ELEVATIONS FOR FINISHES.

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-51.3



LINE KEY	
	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND EIFS EXTERIOR BY OTHERS
	HEADER BEAMS NEED MORE THAN 5' BAY
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE 'U'
	HALL WAY SYSTEM
	U COLUMNS
	ZEE BEAMS

MIDDLE FLOOR PLAN NOTES (3 STORY)

1/2 SECOND FLOOR SLAB = 10'-8"

TYPICAL ELEVATED FLOOR CONSTRUCTION BETWEEN 1ST AND 2ND FLOORS SHALL BE 4 1/2" (2 1/2" CLEAR) REGULAR WEIGHT CONCRETE 3000 PSI OVER VULCRAFT 2VL18 GALVANIZED COMPOSITE METAL DECK REINFORCE SLAB WITH 6X6-W4XW4 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS SET FLAT SHEETS 1 1/2" ABOVE DECK FASTEN TO SUPPORT STRUCTURE WITH #5 TEK SELF-DRILLING SCREWS AT EA FLUTE, 36/4 PATTERN WITH (4) SIDELAP FASTENERS. ELEVATED FLOOR DECKS ARE DESIGNED FOR A 20 PSF CONSTRUCTION LIVE LOAD. RIDE ON TROWEL MACHINES SHOULD NOT BE USED UNLESS THE DECK IS SHORED

TYPICAL INTERIOR SUPPORTING COLUMN SHALL BE C4.14 (4'X2.5'X14GA W/ CONT. 16GA BASE CHANNEL & CONT. 14GA TOP CHANNEL)

TYPICAL EXTERIOR SUPPORTING COLUMN SHALL BE C6.16 (6'X2.5'X16GA W/ CONT. 16GA BASE CHANNEL & CONT. 14GA TOP CHANNEL)

PARTITION PANEL SHALL BE 29GA HORIZONTAL PARTITION PANEL W/ #10 TEK SCREW SIDELAP FASTENERS @ 20" O.C. MAX.

H6.12 = DOUBLE H6.12 (6'X2.5'X12GA CEE HEADER) FOR 5'-15' SPANS (COLUMNS SUPPORTING HEADERS ARE DOUBLE C4.12 4'X2.5'X12GA CEE EACH END OF HEADER)

H8.12 = DOUBLE H8.12 (8'X2.5'X12GA CEE HEADER) FOR 15'-10' SPANS (COLUMNS SUPPORTING HEADERS ARE DOUBLE C4.12 4'X2.5'X12GA CEE EACH END OF HEADER)

H12.12 = DOUBLE H12.12 (12'X2.5'X12GA CEE HEADER) FOR 15' SPANS (COLUMNS SUPPORTING HEADERS ARE TRIPLE C4.12 4'X2.5'X12GA CEE EACH END OF HEADER)

SG1.6 (1"X1.6GA SUBGIRT AT 5' O.C. MAX.)

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE

MIDDLE FLOOR (MULTI)

BASE TRACK INSTALLATION
1/2"X2 3/4" WEDGE ANCHORS 30" O.C.

SPECIAL MASONRY TRACK ATTACHMENT 12GA GALV. (TO CMU)

3/4"X5 1/2" WEDGE ANCHORS

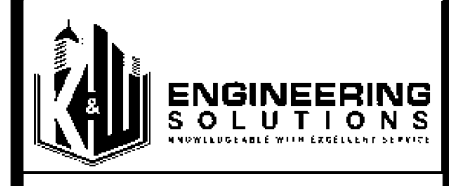
STEEL DECK SUPPORT ANGLE (TO CMU)
3/4"X5 1/2" WEDGE ANCHORS 24" O.C.

BLDG 2ND FLOOR STUD & CHANNEL PLAN

NOTE: INFILL STUDS ARE AT 24" O.C. MAX. AT BRICK / EIFS EXTERIOR FINISH WALLS, NOT SHOW FOR CLARITY.

NOTE: ALL EXTERIOR DIMENSIONS ARE SHOWN FROM O/S OF STEEL TO O/S OF STEEL. ALL EXTERIOR FINISHES ARE NOT INCLUDED IN THESE DIMENSIONS. SEE ELEVATIONS FOR FINISHES.

1/8" = 1'



SEALS



350 E CROWN POINT RD.
SUITE 1080
WINTER GARDEN, FL 34181
PHONE: (407) 341-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

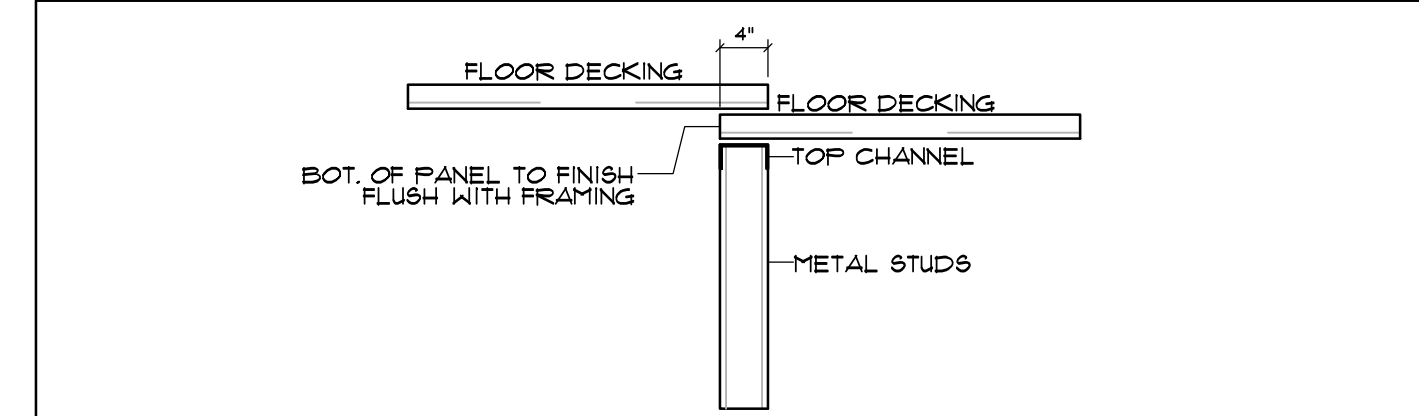
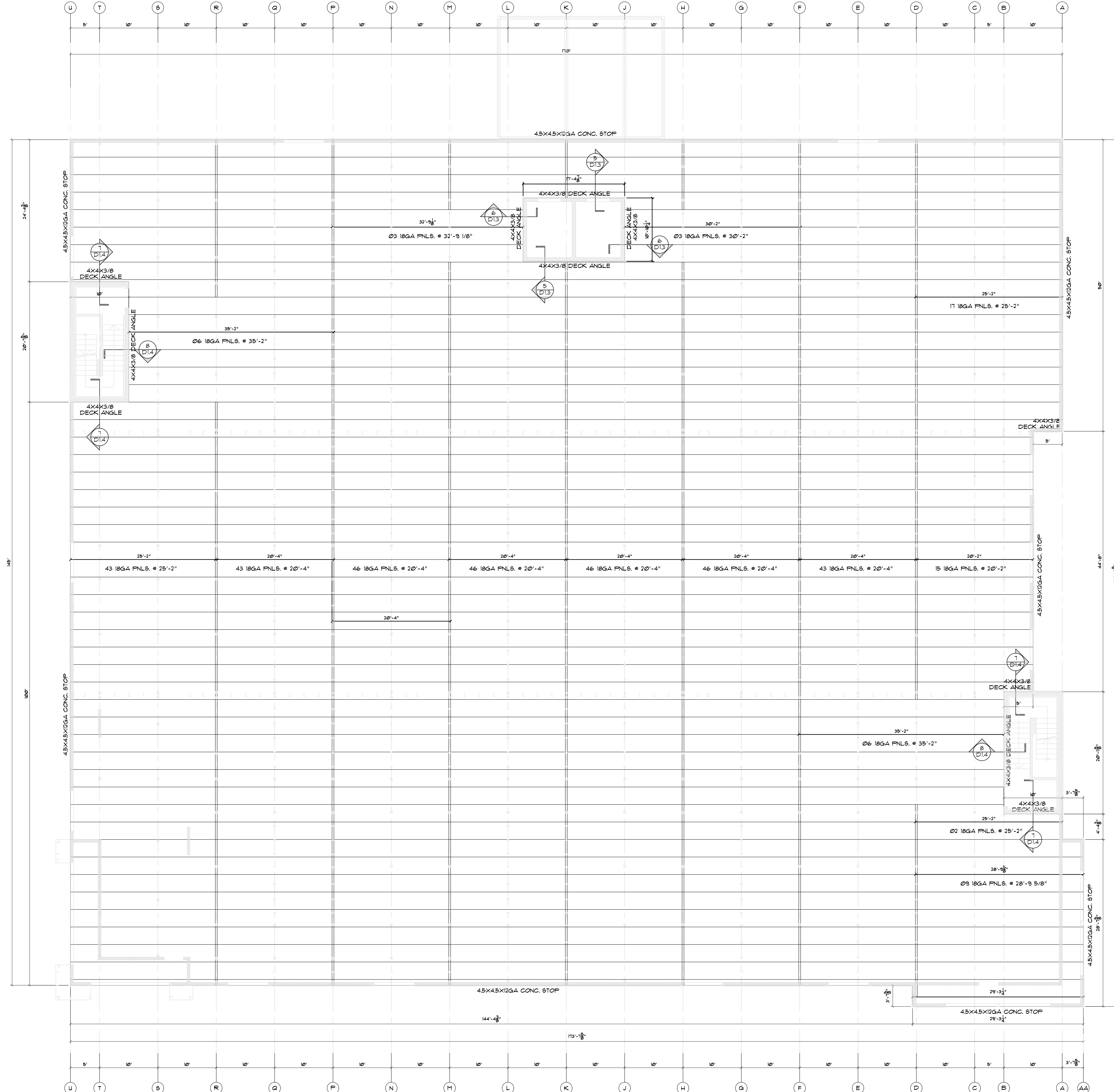
REV	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

2ND FLOOR
STUD & CHANNEL
PLAN

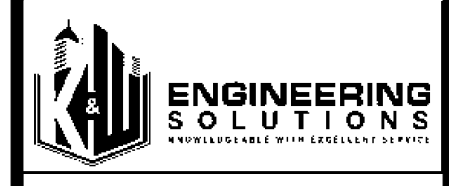
DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-51.4



NOTE TO THE GENERAL CONTRACTOR:
 ALL LAP BEAMS AND EDGE CONDITIONS OF DECKING ARE TO BE SEALED PRIOR TO THE POURING OF CONCRETE AND IS NOT THE RESPONSIBILITY OF RAPID BUILDING SOLUTIONS (RBS). FAILURE TO SEAL THE BEAMS AND EDGE CONDITIONS WILL ALLOW LEAKAGE OF CONCRETE. ANY CLEANUP OR DAMAGES TO MATERIALS CAUSED WILL NOT BE THE RESPONSIBILITY OF RBS.

TYPICAL ELEVATED FLOOR CONSTRUCTION
 4 1/2" (2 1/2" CLEAR) REGULAR WEIGHT CONCRETE 3000 PSI OVER VULCRAFT 2VL118 GALV COMPOSITE METAL DECK. REINFORCE SLAB W/ 6x6-W14x14 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS. SET FLAT SHEETS 1 1/2" ABOVE DECK. FASTEN DECK TO SUPPORT STRUCTURE WITH #2 TEK SELF-DRILLING SCREWS AT EA FLUTE, 36/4 PATTERN WITH (4) SIDELAP FASTENERS.
 ELEVATED FLOOR DECKS ARE DESIGNED FOR A 20 PSF CONSTRUCTION LIVE LOAD. RIDE ON TROWEL MACHINES SHOULD NOT BE USED UNLESS THE DECK IS SHORED.



SEALS



350 E CROWN POINT RD.
 SUITE 1000
 WINTER GARDEN, FL 34787
 PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM
 JOB NUMBER:
 541-23-VER-FL

STORAGE RENTALS OF AMERICA
 1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
 VERO BEACH, FL 32960

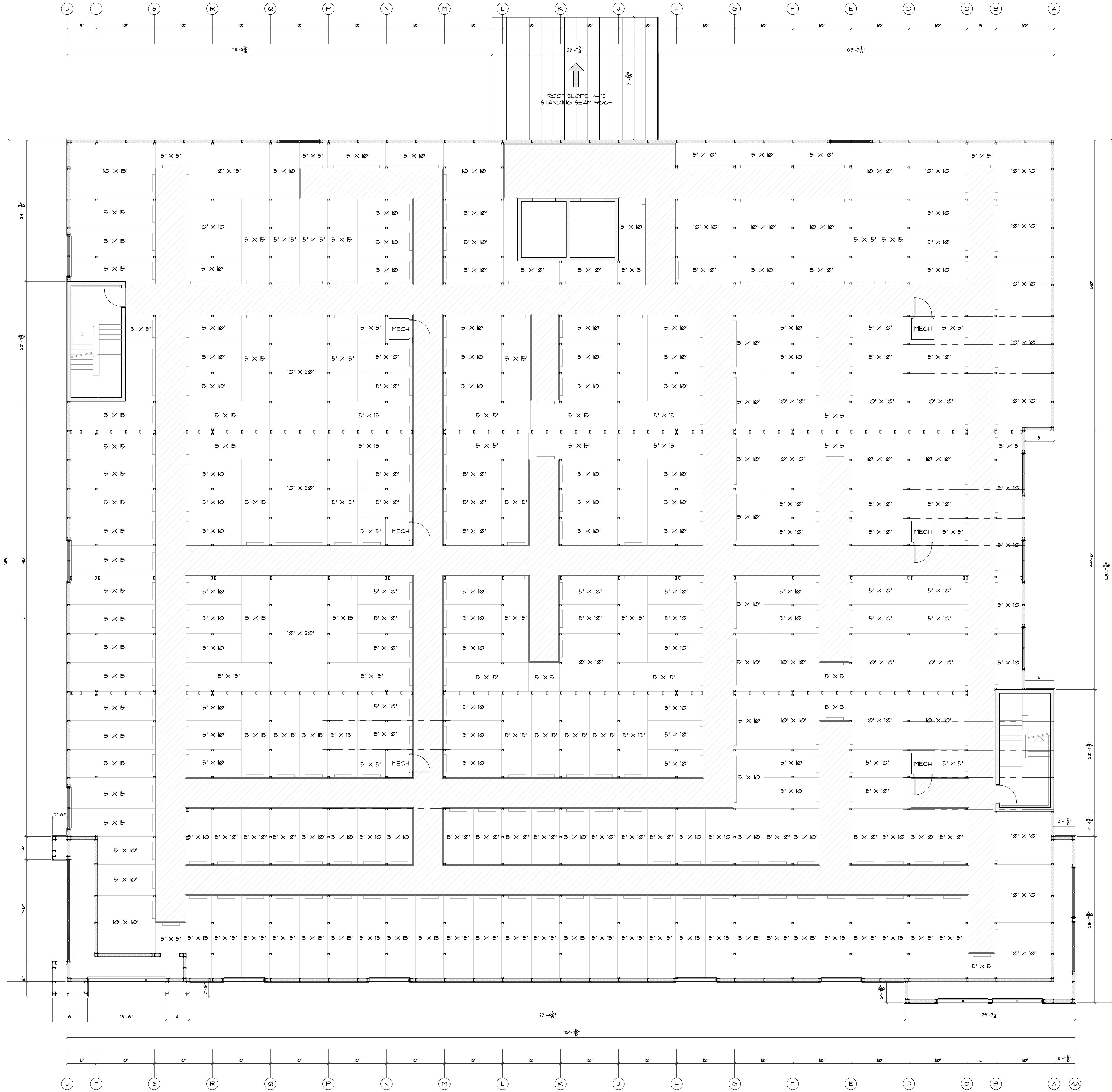
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
2ND FLOOR FLOOR DECKING PLAN

BLDG SECOND FLOOR DECKING PLAN 1/8" = 1'

DATE: 01-10-24
 DESIGNED BY: RBS
 CHECKED BY: RBS
 DRAWN BY: APB
 SCALE: AS NOTED
 SHEET

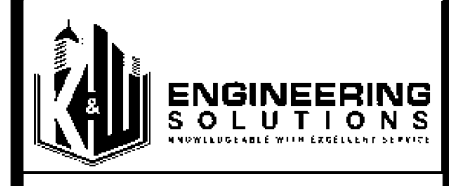
RBS-S1.5



LINE KEY	
	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND EIFS EXTERIOR BY OTHERS
	HEADER BEAMS NEED MORE THAN 5' BAY
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS

TOP FLOOR PLAN NOTES (3 STORY)	
T/THIRD FLOOR SLAB = 21'-4"	
TYPICAL ELEVATED FLOOR CONSTRUCTION BETWEEN 2ND AND 3RD FLOORS SHALL BE 4 1/2" (2 1/2" CLEAR) REGULAR WEIGHT CONCRETE 3000 PSI OVER VULCRAFT 2VL18 GALVANIZED COMPOSITE METAL DECK REINFORCE SLAB WITH 6X6-114X114 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS SET FLAT SHEETS 1 1/2" ABOVE DECK FASTEN DECK TO SUPPORT STRUCTURE WITH #2 TEK SELF-DRILLING SCREWS AT EA FLUTE 3/4 PATTERN WITH (4) SIDELAP FASTENERS. ELEVATED FLOOR DECKS ARE DESIGNED FOR A 20 PSF CONSTRUCTION LIVE LOAD. RIDE ON TROWEL MACHINES SHOULD NOT BE USED UNLESS THE DECK IS SHORED	
TYPICAL INTERIOR SUPPORTING COLUMN SHALL BE C414 (4X2.5X16GA CEE) TYPICAL EXTERIOR SUPPORTING COLUMN SHALL BE C616 (6X2.5X16GA CEE)	
TYPICAL PURLIN SHALL BE Z414 (4X2 1/8"X2 3/8"X16GA ZEE)	
H6.16 = SINGLE H6.16 (6X2.5X16GA CEE HEADER) FOR 10' SPANS (COLUMNS SUPPORTING HEADERS ARE SINGLE C4.16 4X2.5"X16GA CEE EACH END OF HEADER)	
H8.14 = SINGLE H8.14 (8X2.5X14GA CEE HEADER) FOR 15' SPANS (COLUMNS SUPPORTING HEADERS ARE SINGLE C4.16 4X2.5"X14GA CEE EACH END OF HEADER)	
PARTITION PANEL SHALL BE 29GA HORIZONTAL PARTITION PANEL W/ #10 TEK SCREW SIDELAP FASTENERS @ 20" O.C. MAX.	
ROOF PLAN NOTES:	
24GA STANDING SEAM ROOF - GALVALUME	

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE	
TOP FLOOR (MULTI)	
BASE CLIP INSTALLATION 1/2"x2 3/4" WEDGE ANCHORS	
BASE TRACK INSTALLATION 1/2"x2 3/4" WEDGE ANCHORS 30" O.C.	
29GA GALV. ANGLE INSTALLATION (TO CMU) 1/2"x3 3/4" WEDGE ANCHORS	
LINTEL AND EAVE STRUT INSTALLATION (TO CMU) 1/4"x1 1/4 TAPCONS 12" O.C.	



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34181
PHONE: (407) 341-9614
INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

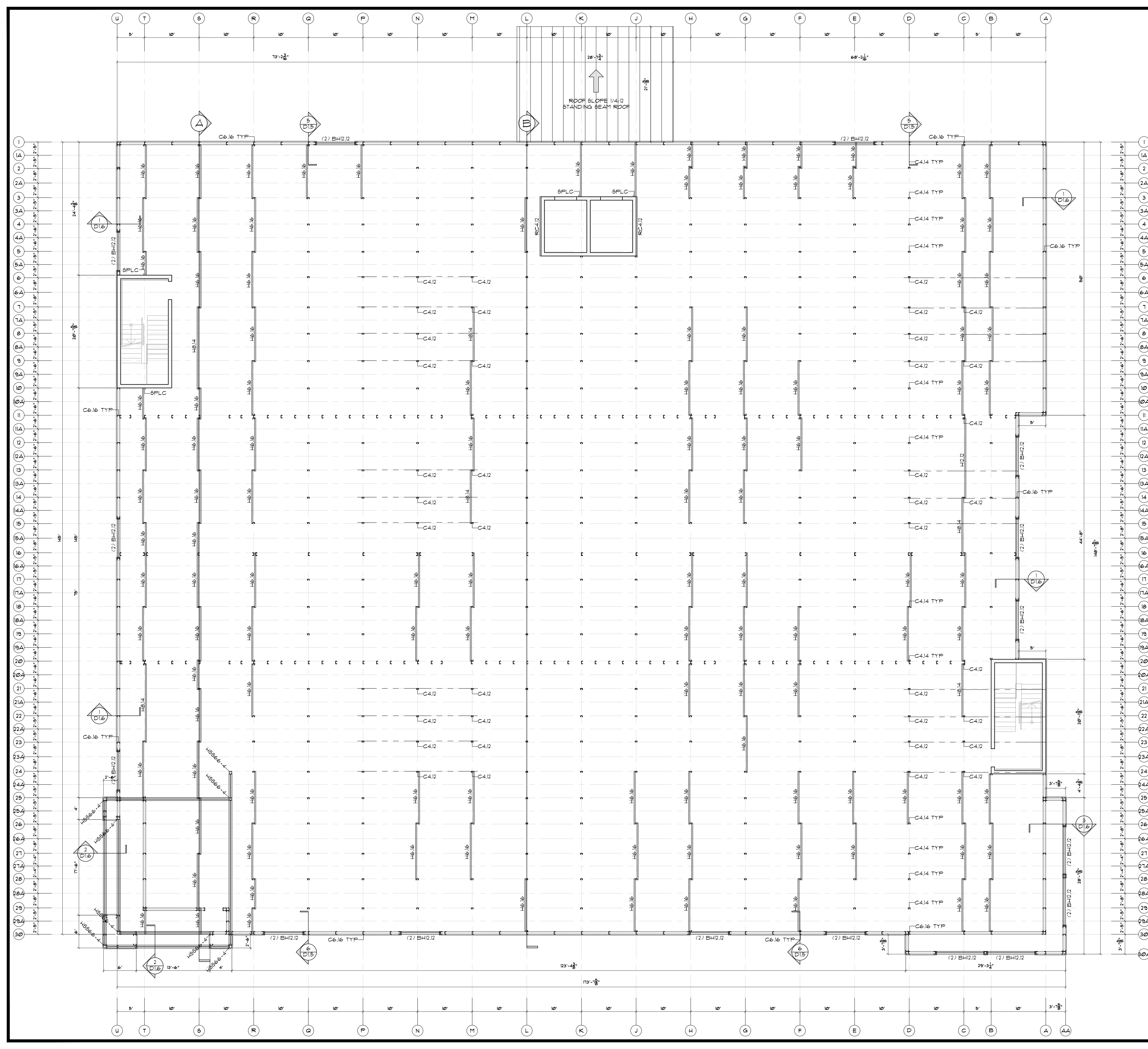
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
3RD FLOOR PARTITION & UNIT PLAN

BLDG 3RD FLOOR PARTITION & UNIT PLAN
DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-S1.6



LINE KEY

	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND EIFS EXTERIOR BY OTHERS
	HEADER BEAMS NEED MORE THAN 5' BAY
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS

TOP FLOOR PLAN NOTES (3 STORY)

T/THIRD FLOOR SLAB = 2'-4"

TYPICAL ELEVATED FLOOR CONSTRUCTION BETWEEN 2ND AND 3RD FLOOR SHALL BE 4 1/2" (2 1/2" CLEAR) REGULAR WEIGHT CONCRETE 3000 PSI OVER VULCRRAFT 2VL18 GALVANIZED COMPOSITE METAL DECK, REINFORCE SLAB WITH 6X6-W4XW4 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS, SET FLAT SHEETS 1 1/2" ABOVE DECK, FASTEN DECK TO SUPPORT STRUCTURE WITH #2 TEK SELF-DRILLING SCREWS AT EA. FLUTE, 3/4" PATTERN WITH (4) SIDELAP FASTENERS. ELEVATED FLOOR DECKS ARE DESIGNED FOR A 20 PSF CONSTRUCTION LIVE LOAD, RIDE ON TROWEL MACHINES SHOULD NOT BE USED UNLESS THE DECK IS SHORED

TYPICAL INTERIOR SUPPORTING COLUMN SHALL BE C4.14 (4X25X16GA CEE)
TYPICAL EXTERIOR SUPPORTING COLUMN SHALL BE C6.16 (6X25X16GA CEE)

TYPICAL PURLIN SHALL BE Z4.14 (4X2 1/8"X2 3/8"X16GA ZEE)

H6.16 = SINGLE H6.16 (6X25X16GA CEE HEADER) FOR 10' SPANS
(COLUMNS SUPPORTING HEADERS ARE SINGLE C4.16 4X25X16GA CEE EACH END OF HEADER)

H8.14 = SINGLE H8.14 (8X25X14GA CEE HEADER) FOR 15' SPANS
(COLUMNS SUPPORTING HEADERS ARE SINGLE C4.14 4X25X14GA CEE EACH END OF HEADER)

PARTITION PANEL SHALL BE 29GA HORIZONTAL PARTITION PANEL W/ #10 TEK SCREW SIDELAP FASTENERS @ 20" O.C. MAX.

ROOF PLAN NOTES:

24GA STANDING SEAM ROOF - GALVALUME

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE

TOP FLOOR (MULTI)

BASE CLIP INSTALLATION
1/2"X2 3/4" WEDGE ANCHORS

BASE TRACK INSTALLATION
1/2"X2 3/4" WEDGE ANCHORS 30" O.C.

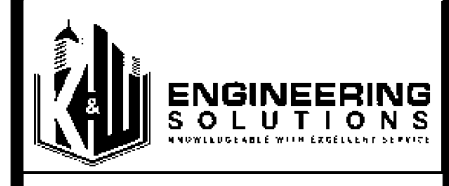
29GA GALV. ANGLE INSTALLATION (TO CMU)
1/2"X3 3/4" WEDGE ANCHORS

LINTEL AND EAVE STRUT INSTALLATION (TO CMU)
1/4"X1 1/4" TAPCONS 12" O.C.

3RD FLOOR STUD & CHANNEL PLAN

NOTE: INFILL STUDS ARE AT 24" O.C. MAX. AT BRICK / EIFS EXTERIOR FINISH WALLS, NOT SHOW FOR CLARITY.

NOTE: ALL EXTERIOR DIMENSIONS ARE SHOWN FROM O/S OF STEEL TO O/S OF STEEL, ALL EXTERIOR FINISHES ARE NOT INCLUDED IN THESE DIMENSIONS. SEE ELEVATIONS FOR FINISHES.



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

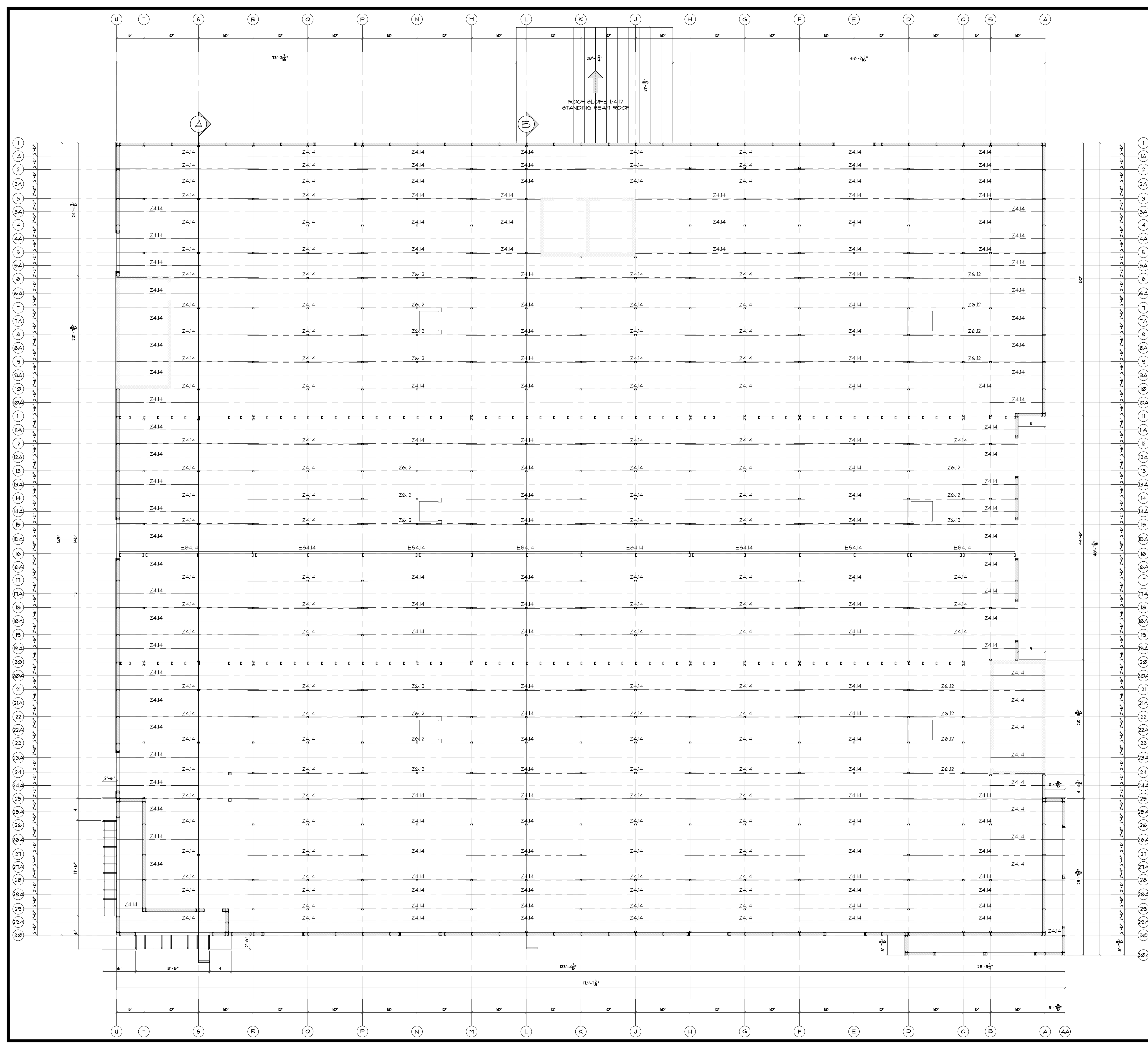
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
3RD FLOOR
STUD & CHANNEL
PLAN

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

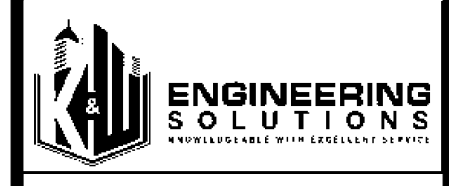
RBS-51.7



LINE KEY	
	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND EIFS EXTERIOR BY OTHERS
	HEADER BEAMS NEED MORE THAN 5' BAY
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS

TOP FLOOR PLAN NOTES (3 STORY)	
T/THIRD FLOOR SLAB = 21'-4"	
TYPICAL ELEVATED FLOOR CONSTRUCTION BETWEEN 2ND AND 3RD FLOORS SHALL BE 4 1/2" (2 1/2" CLEAR) REGULAR WEIGHT CONCRETE 3000 PSI OVER VULCRAFT ZVL18 GALVANIZED COMPOSITE METAL DECK REINFORCE SLAB WITH 6X6-W/4X1/4 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS SET FLAT SHEETS 1 1/2" ABOVE DECK FASTEN DECK TO SUPPORT STRUCTURE WITH #2 TEK SELF-DRILLING SCREWS AT EA. FLUTE 3/4" PATTERN WITH 1/4" SIDELAP FASTENERS. ELEVATED FLOOR DECKS ARE DESIGNED FOR A 20 PSF CONSTRUCTION LIVE LOAD. RIDE ON TROWEL MACHINES SHOULD NOT BE USED UNLESS THE DECK IS SHORED	
TYPICAL INTERIOR SUPPORTING COLUMN SHALL BE C4.14 (4X2.5X16GA CEE) TYPICAL EXTERIOR SUPPORTING COLUMN SHALL BE C6.16 (6X2.5X16GA CEE)	
TYPICAL PURLIN SHALL BE Z4.14 (4X2 1/8"X2 3/8"X16GA ZEE)	
H6.16 = SINGLE H6.16 (6X2.5X16GA CEE HEADER) FOR 10' SPANS (COLUMNS SUPPORTING HEADERS ARE SINGLE C4.16 4X2.5"X16GA CEE EACH END OF HEADER)	
H8.14 = SINGLE H8.14 (8X2.5X14GA CEE HEADER) FOR 15' SPANS (COLUMNS SUPPORTING HEADERS ARE SINGLE C4.14 4X2.5"X14GA CEE EACH END OF HEADER)	
PARTITION PANEL SHALL BE 29GA HORIZONTAL PARTITION PANEL W/ #10 TEK SCREW SIDELAP FASTENERS @ 20" O.C. MAX.	
ROOF PLAN NOTES:	
24GA STANDING BEAM ROOF - GALVALUME	

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE	
TOP FLOOR (MULTI)	
BASE CLIP INSTALLATION 1/2"X2 3/4" WEDGE ANCHORS	
BASE TRACK INSTALLATION 1/2"X2 3/4" WEDGE ANCHORS 30" O.C.	
12GA GALV. ANGLE INSTALLATION (TO CMU) 1/2"X3 3/4" WEDGE ANCHORS	
LINTEL AND EAVE STRUT INSTALLATION (TO CMU) 1/4X1 1/4 TAPCONS 12" O.C.	



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
3RD FLOOR ROOF FRAMING PLAN

3RD FLOOR ROOF FRAMING PLAN 1/8" = 1'

NOTE: INFILL STUDS ARE AT 24" O.C. MAX. AT BRICK / EIFS EXTERIOR FINISH WALLS, NOT SHOW FOR CLARITY.

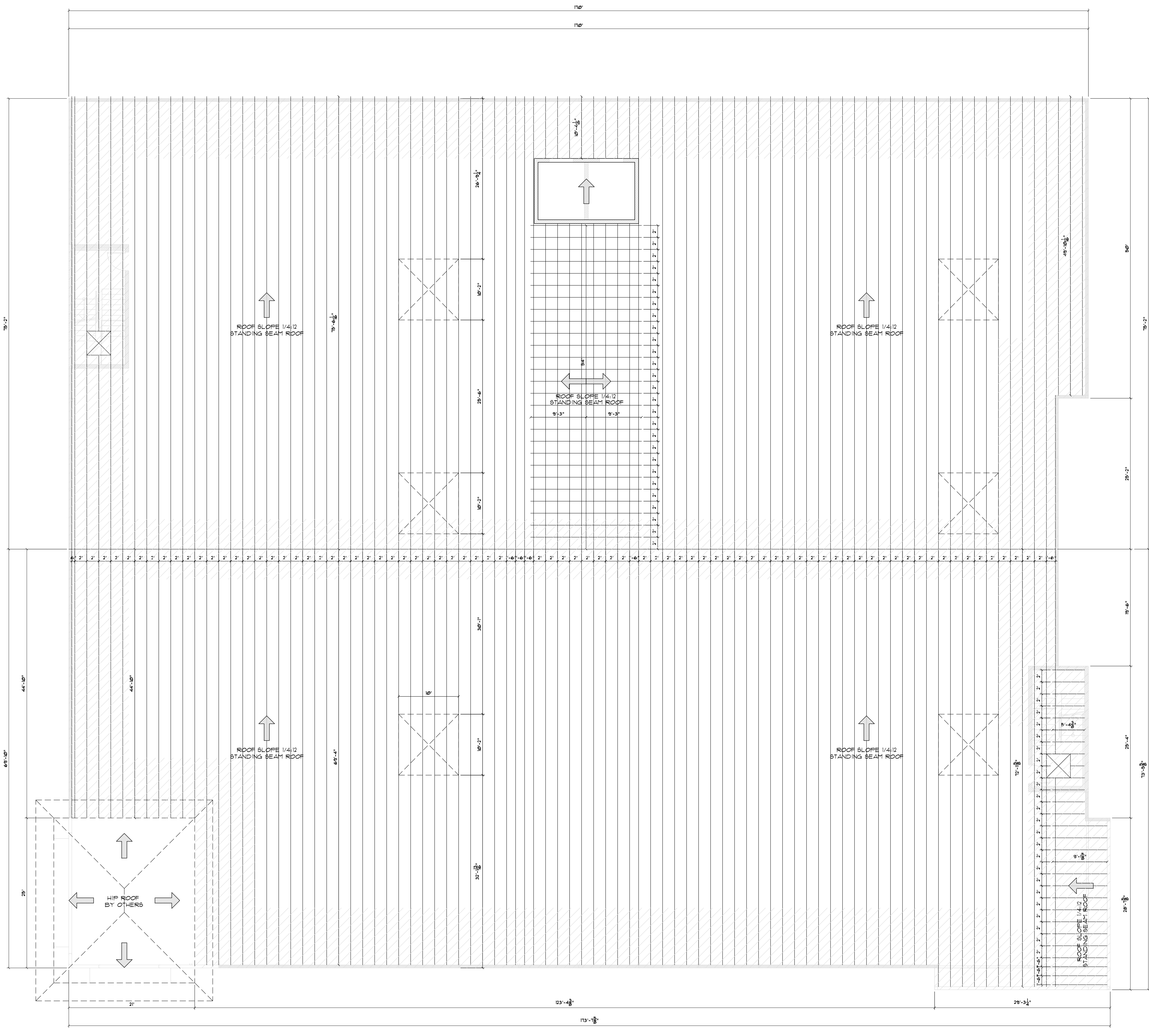
NOTE: ALL EXTERIOR DIMENSIONS ARE SHOWN FROM O/S OF STEEL TO O/S OF STEEL. ALL EXTERIOR FINISHES ARE NOT INCLUDED IN THESE DIMENSIONS. SEE ELEVATIONS FOR FINISHES.

DATE	01-10-24
DESIGNED BY	RBS
CHECKED BY	RBS
DRAWN BY	APB
SCALE	AS NOTED
SHEET	

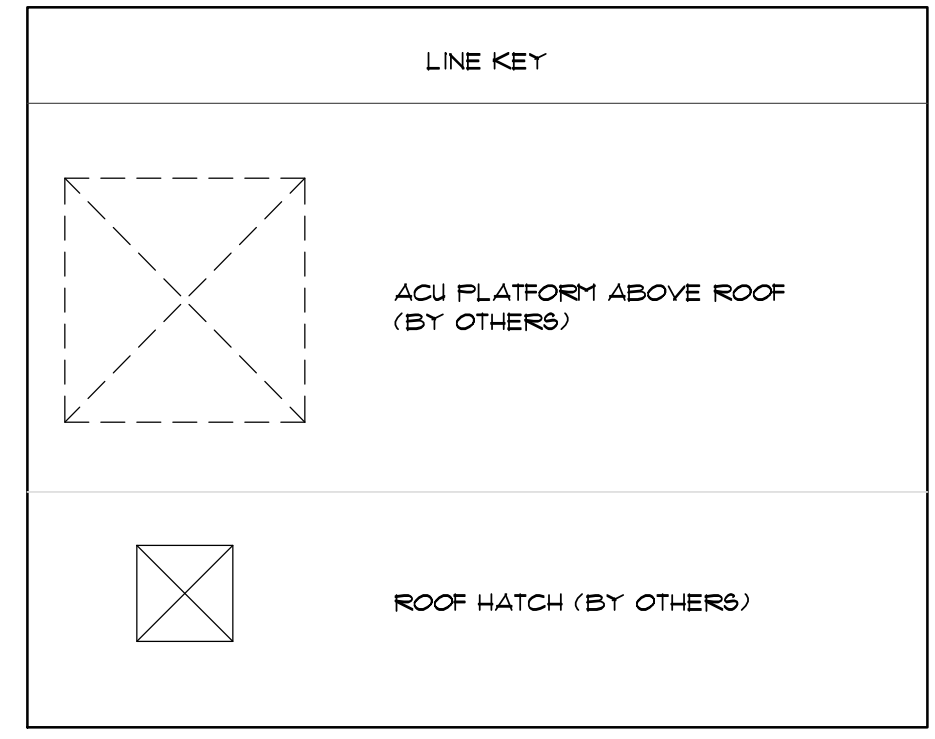
RBS-S18

U T S R Q P N M L K J H G F E D C B A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

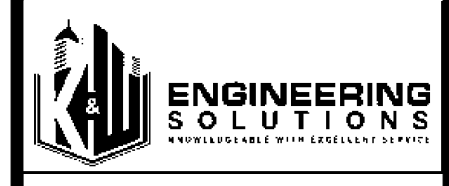


U T S R Q P N M L K J H G F E D C B A AA



HATCHED AREA EQUALS EXTERNAL WIND CLAMPS ON EACH HIGH RIB OF ROOF SHEET AND GRID LINE INTERSECTION (EXCEPT WHERE ROOF SHEETS TERMINATES AT THE EXTERIOR WALLS.)

BLDG 3RD FLOOR ROOF SHEETING PLAN 1/8" = 1'



SEALS



350 E CROWN POINT RD. SUITE 1000 WINTER GARDEN, FL. 34787 PHONE: (407) 347-9614

JOB NUMBER: 541-23-VER-FL

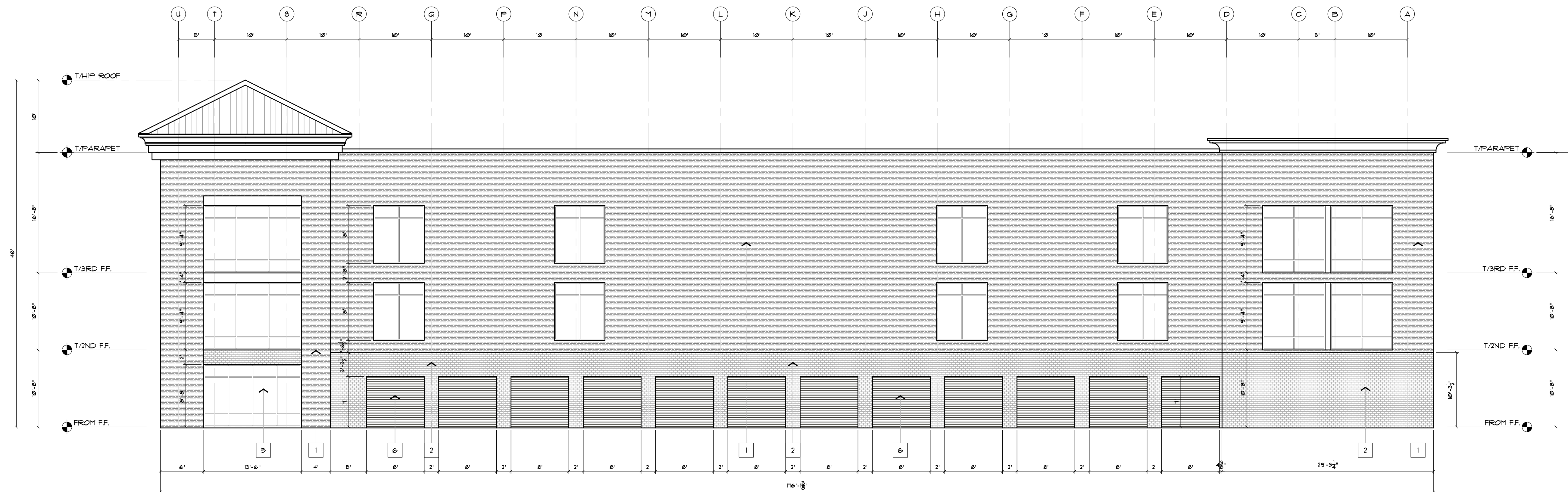
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
3RD FLOOR ROOF SHEETING PLAN

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-S1.9

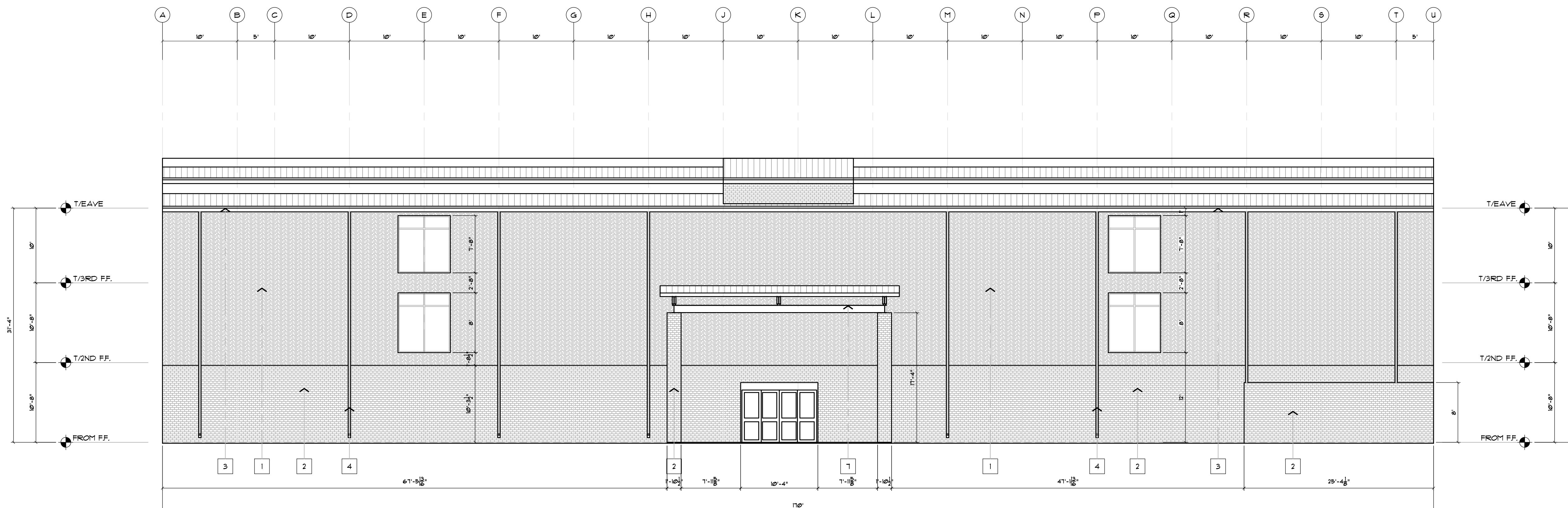


BLDG EAST ELEVATION

NOTE: ALL EXTERIOR DIMENSIONS THAT ARE SHOWN ON THE ELEVATIONS ARE PULLED FROM OUTSIDE TO OUTSIDE OF THE FOUNDATION SLAB. ANY OTHER EXTERIOR MATERIAL DIMENSION MAY VARY DEPENDING ON FINISH.

1/8" = 1'

ELEVATION NOTES	
EXTERIOR FINISH SCHEDULE	
1	EI#9 EXTERIOR FINISH BY OTHERS (COLOR T.B.D.)
2	8/PLIT-FACED BLOCK EXTERIOR FINISH BY OTHERS (COLOR T.B.D.)
3	LARGE GUTTERS (COLOR T.B.D.)
4	LARGE DOWNSPOUTS 20' O.C. MAX. (COLOR T.B.D.)
5	STORE FRONT GLASS (BY OTHERS)
6	ROLL-UP DOORS (BY OTHERS)
7	PORTE-COCHERE CANOPY



BLDG WEST ELEVATION

NOTE: ALL EXTERIOR DIMENSIONS THAT ARE SHOWN ON THE ELEVATIONS ARE PULLED FROM OUTSIDE TO OUTSIDE OF THE FOUNDATION SLAB. ANY OTHER EXTERIOR MATERIAL DIMENSION MAY VARY DEPENDING ON FINISH.

1/8" = 1'



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

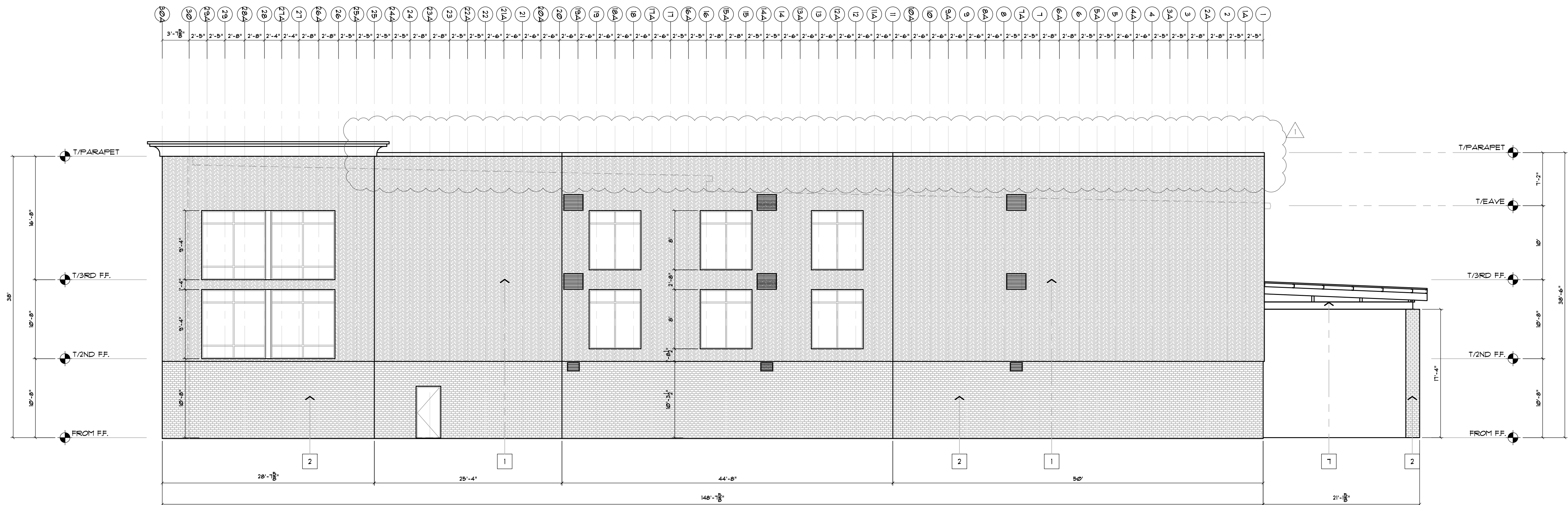
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

ELEVATIONS

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-EI.0

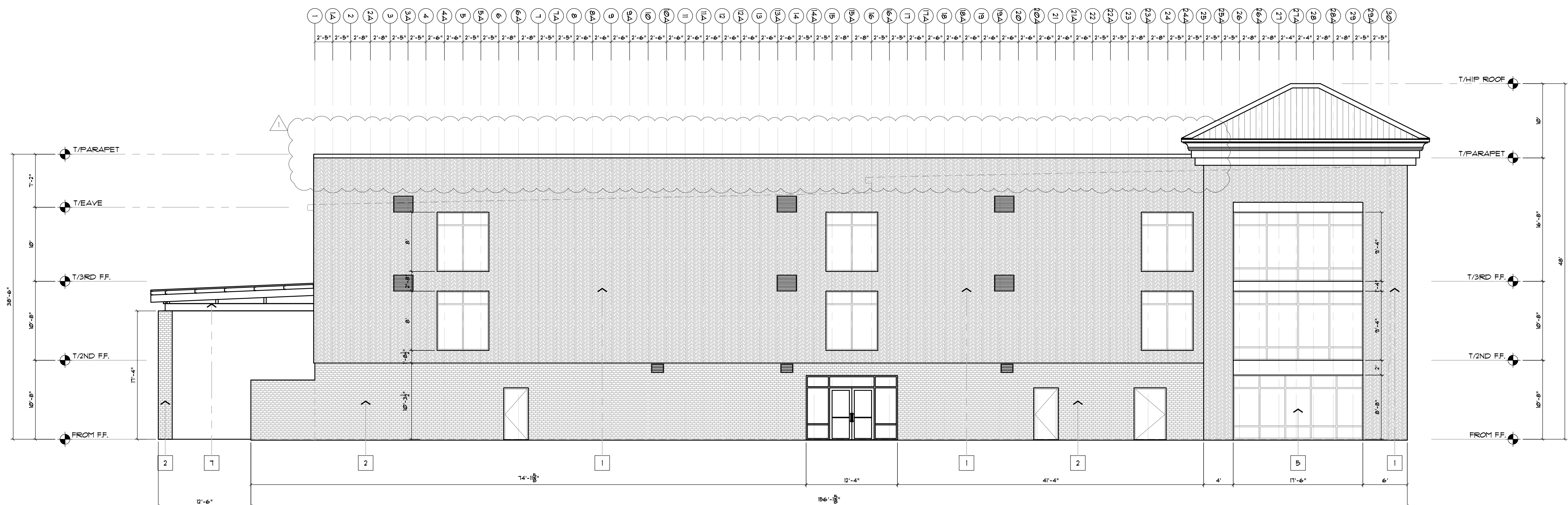


BLDG NORTH ELEVATION

NOTE: ALL EXTERIOR DIMENSIONS THAT ARE SHOWN ON THE ELEVATIONS ARE FULLED FROM OUTSIDE TO OUTSIDE OF THE FOUNDATION SLAB. ANY OTHER EXTERIOR MATERIAL DIMENSION MAY VARY DEPENDING ON FINISH.

1/8" = 1'

ELEVATION NOTES	
EXTERIOR FINISH SCHEDULE	
1	EIPS EXTERIOR FINISH BY OTHERS (COLOR T.B.D.)
2	SPLIT-FACED BLOCK EXTERIOR FINISH BY OTHERS (COLOR T.B.D.)
3	LARGE GUTTERS (COLOR T.B.D.)
4	LARGE DOWNSPOUTS 20' O.C. MAX. (COLOR T.B.D.)
5	STORE FRONT GLASS (BY OTHERS)
6	ROLL-UP DOORS (BY OTHERS)
7	PORTE-COCHERE CANOPY



BLDG SOUTH ELEVATION

NOTE: ALL EXTERIOR DIMENSIONS THAT ARE SHOWN ON THE ELEVATIONS ARE FULLED FROM OUTSIDE TO OUTSIDE OF THE FOUNDATION SLAB. ANY OTHER EXTERIOR MATERIAL DIMENSION MAY VARY DEPENDING ON FINISH.

1/8" = 1'



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

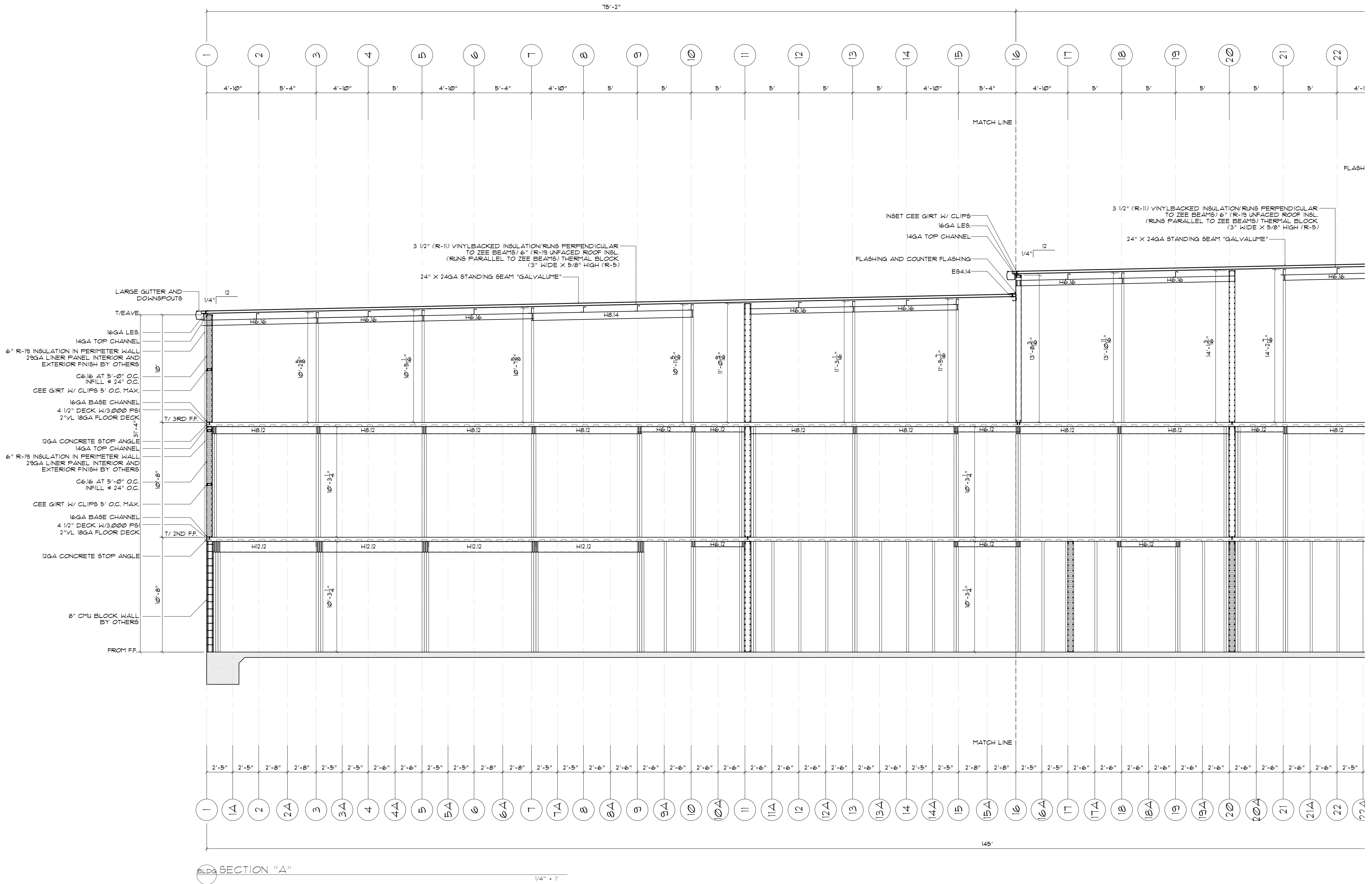
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

ELEVATIONS

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-EI.1



BLDG SECTION "A"

1/4" = 1'



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

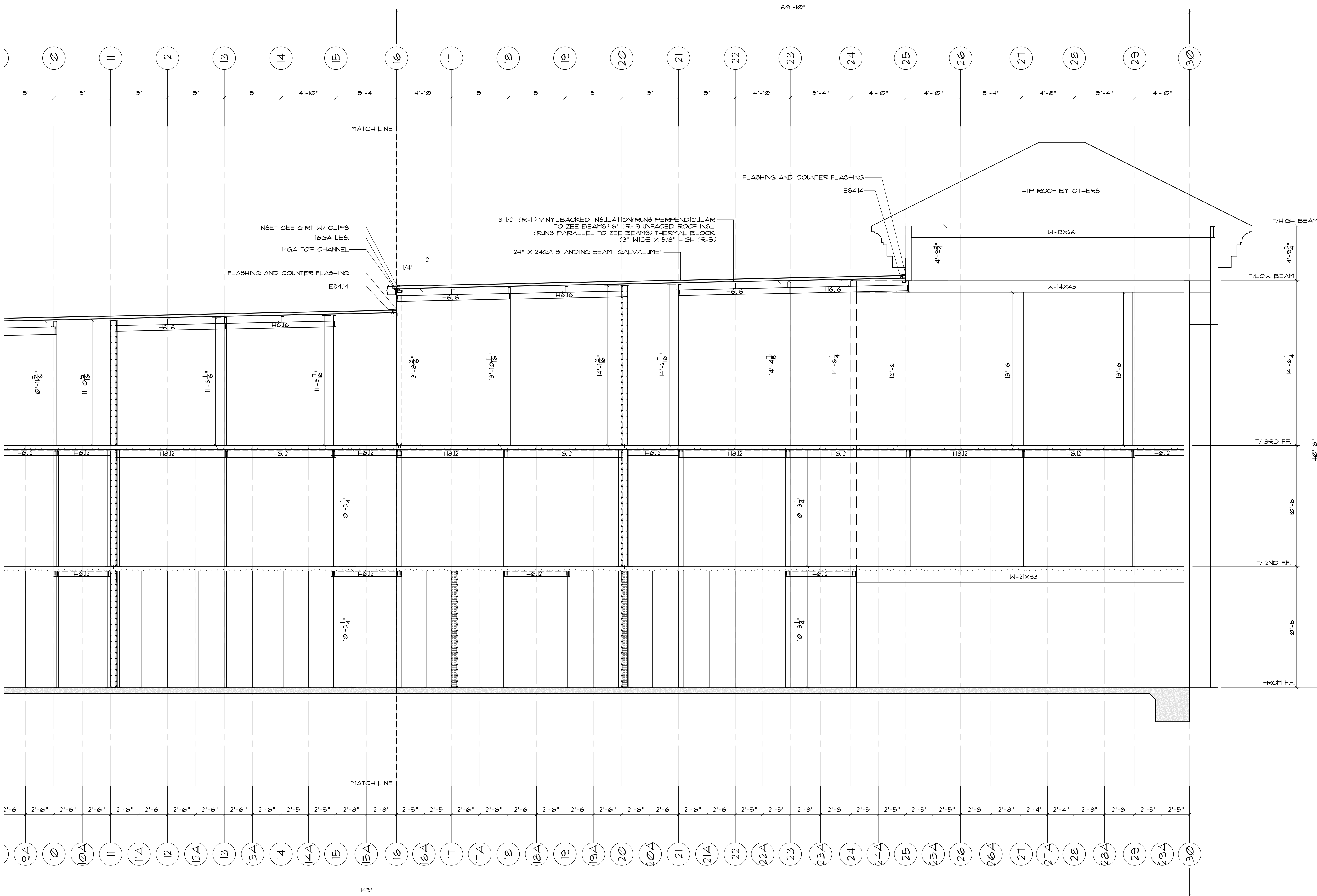
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

SECTION CUT

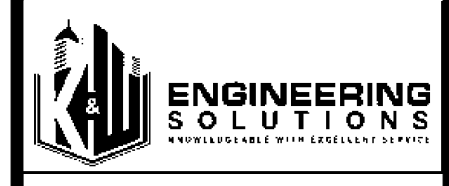
DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-E12



SECTION "A"

1/4" = 1'



SEAL 6



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34787
PHONE: (407) 341-9614
INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

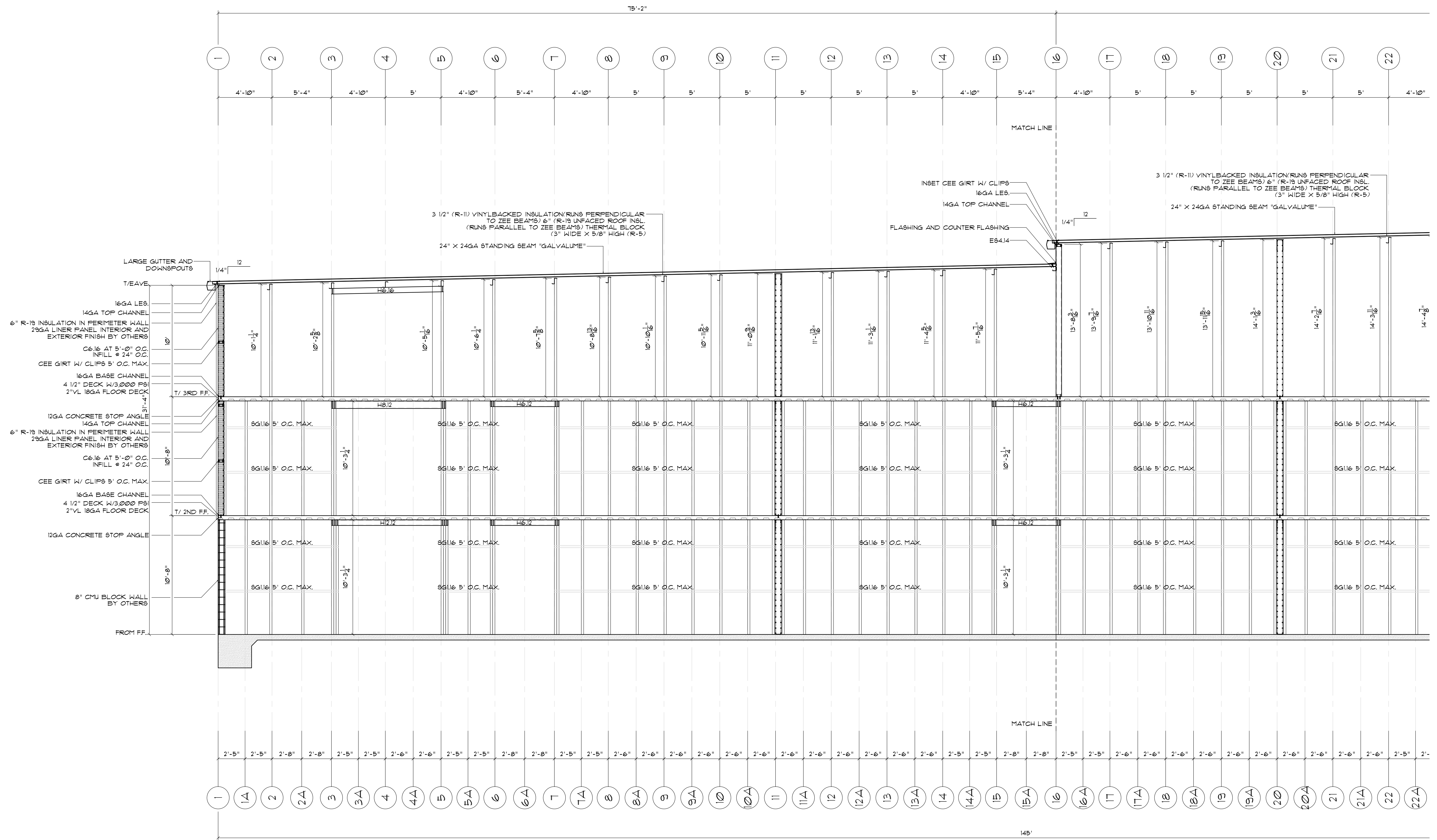
REV.	DATE	DESCRIPTION	BY
Δ	11-29-23	ELEV REVISION	AB

SHEET TITLE

SECTION CUT

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-EI.3



BLDG SECTION "B"

1/4" = 1'



SEAL 6



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34787
PHONE: (407) 347-9614
INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
547-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

SECTION CUT

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-E1.4

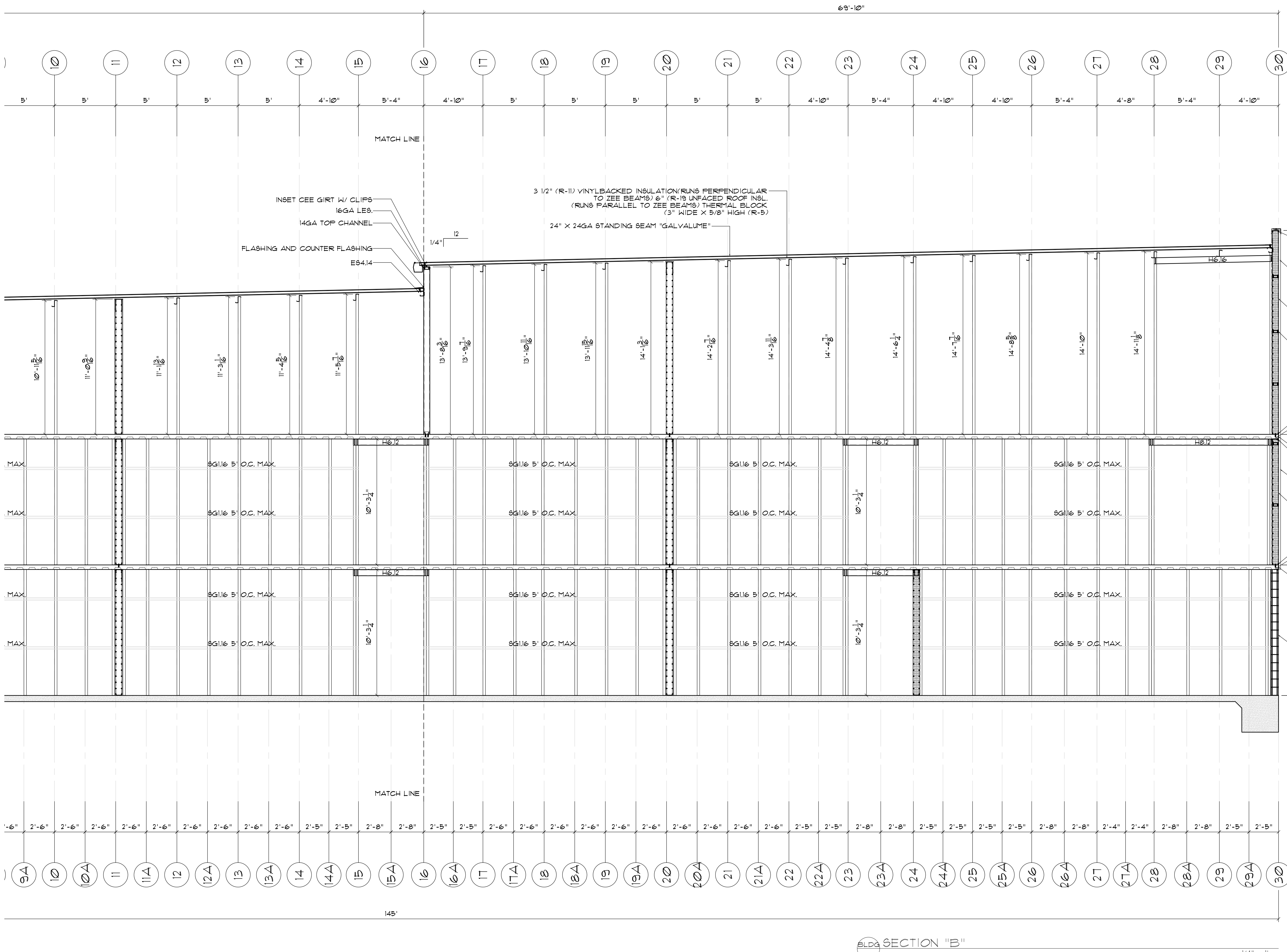
REV.	DATE	DESCRIPTION	BY
△	11-29-23	ELEV REVISION	AB

SHEET TITLE

SECTION CUT

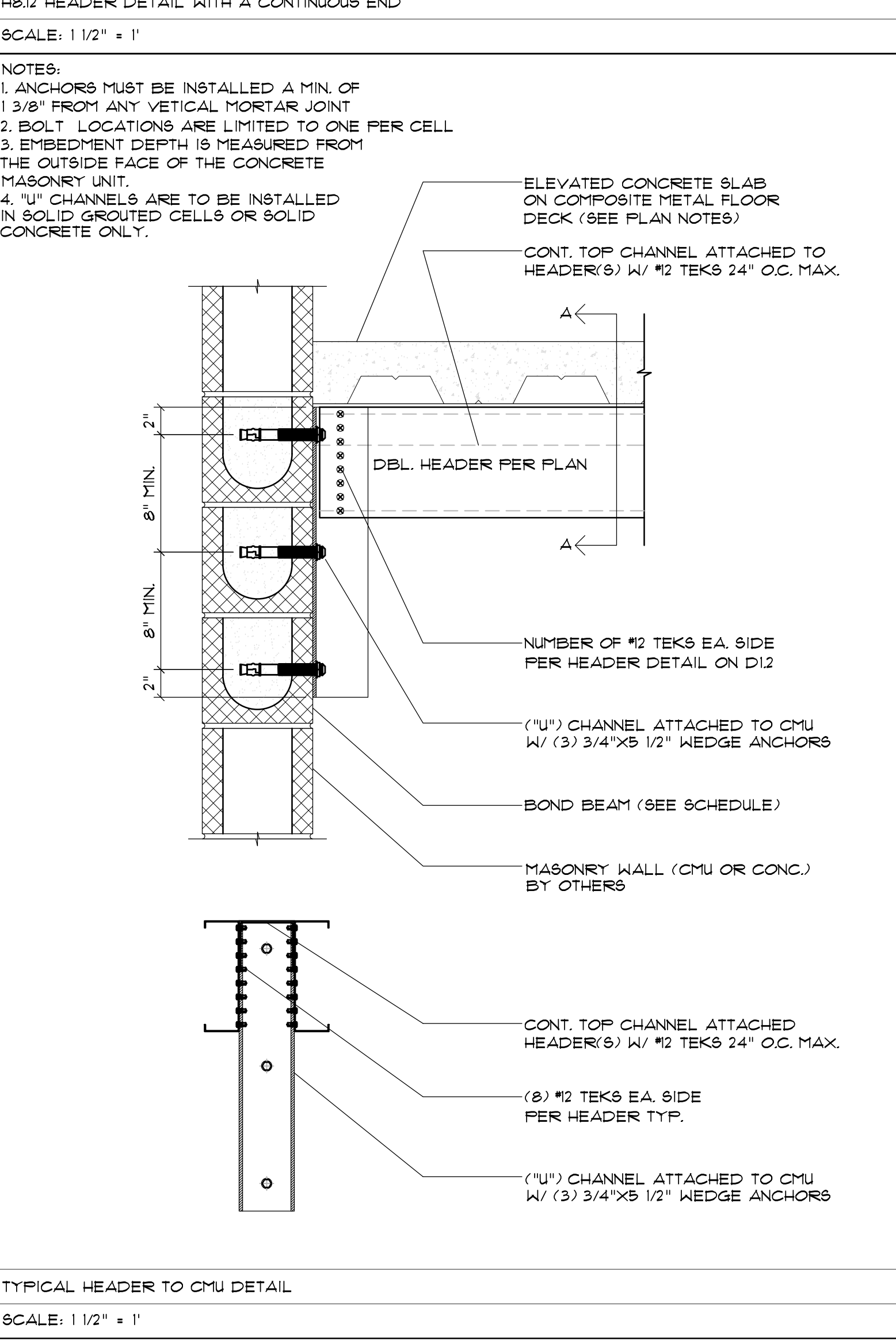
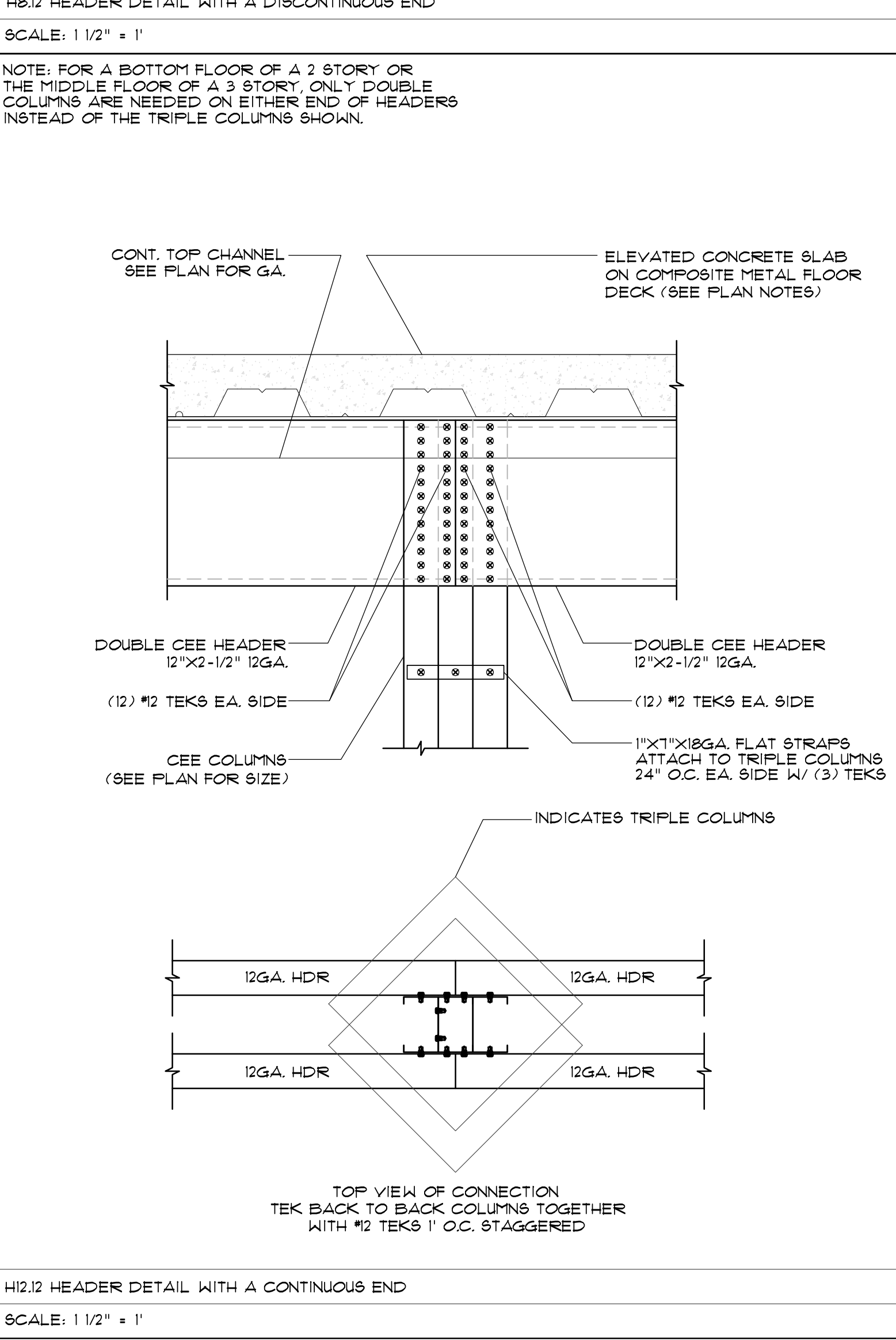
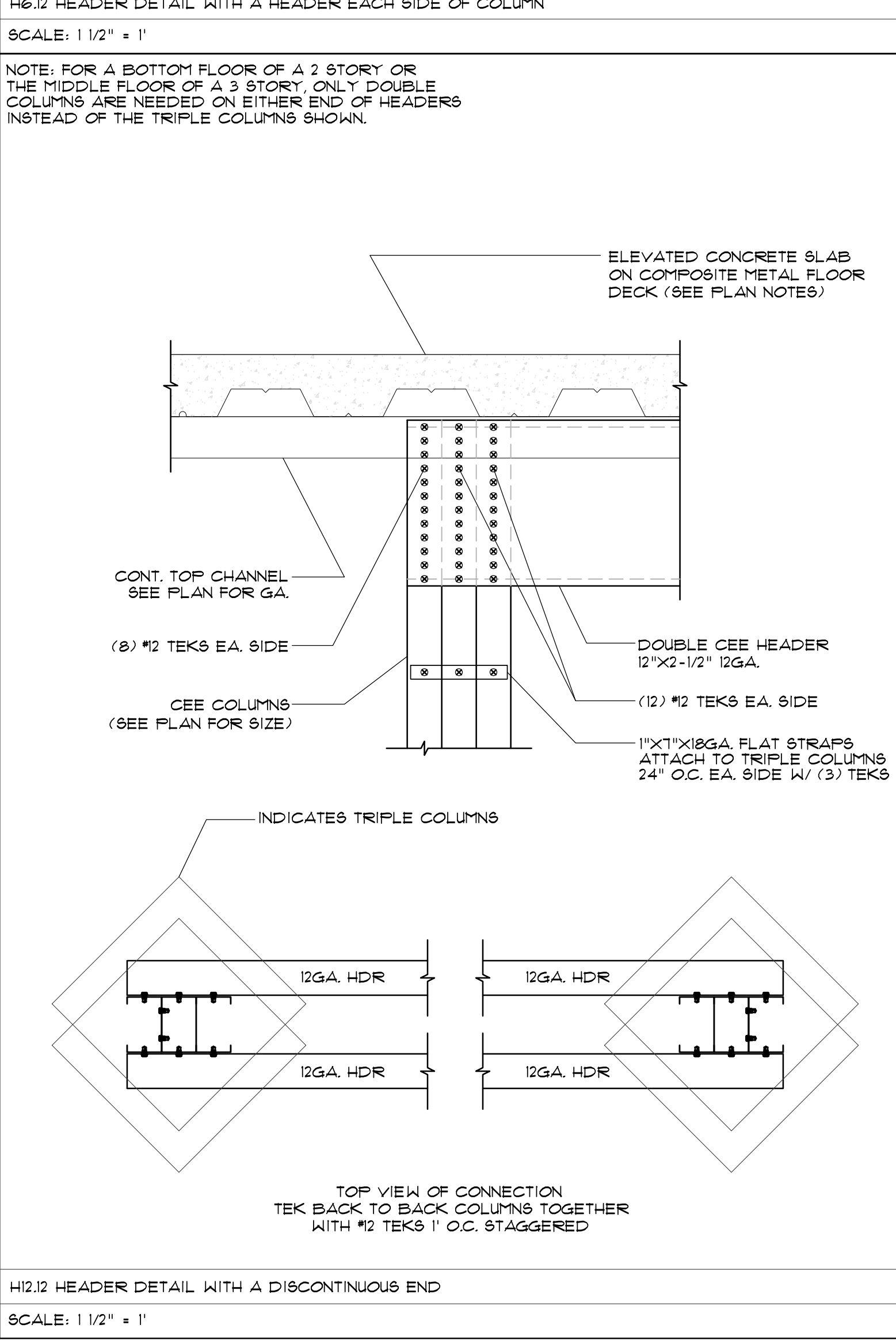
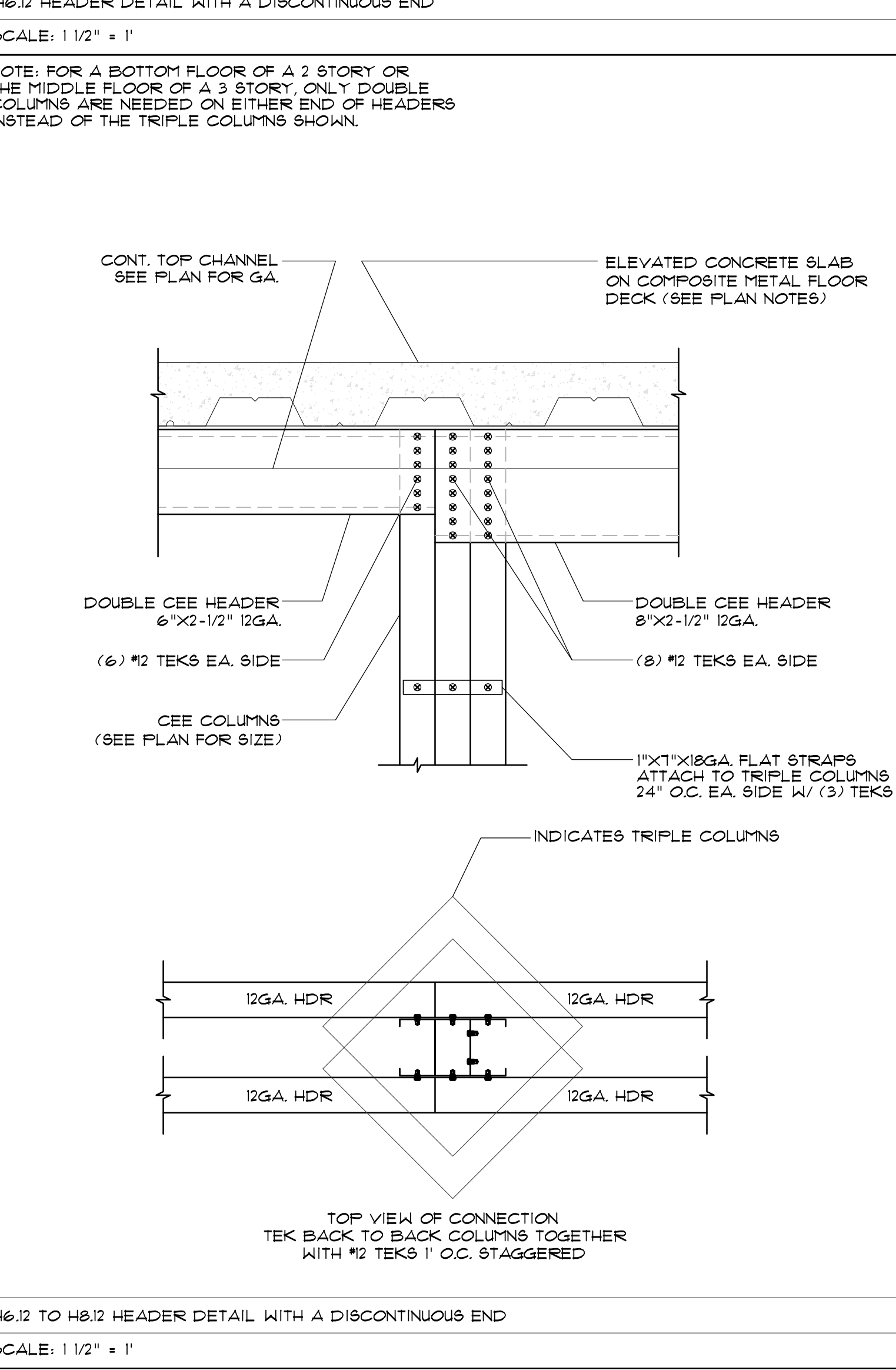
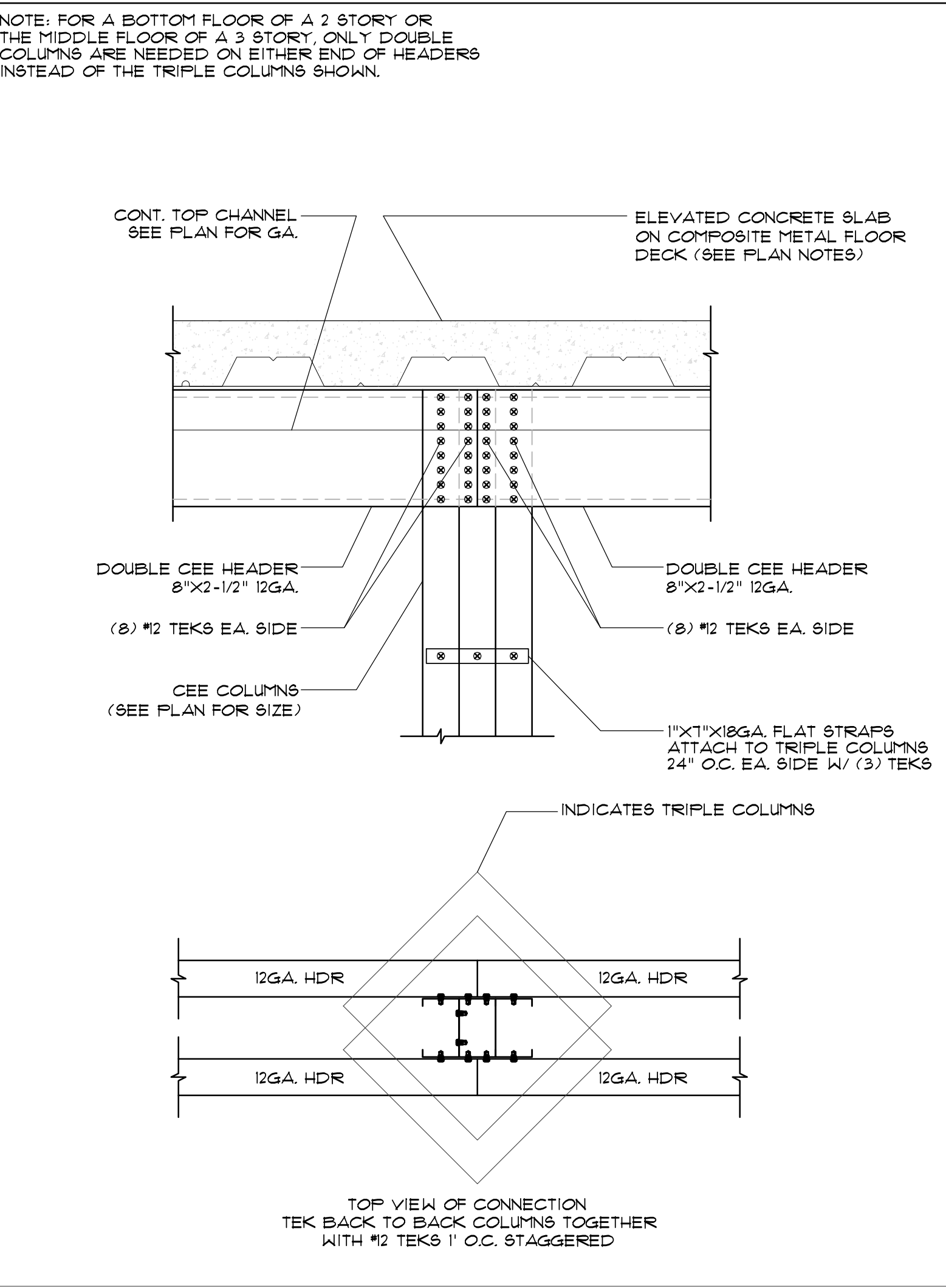
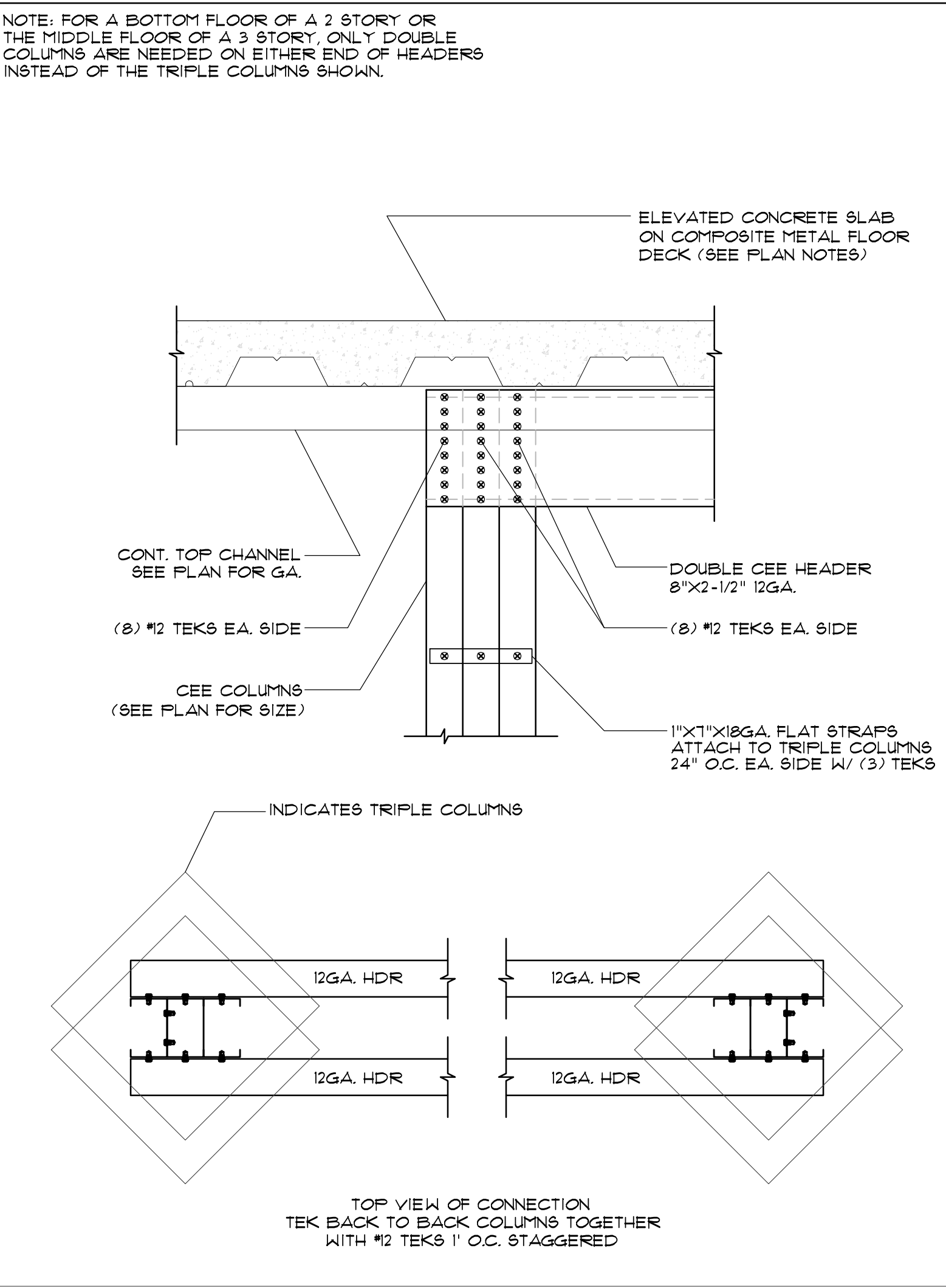
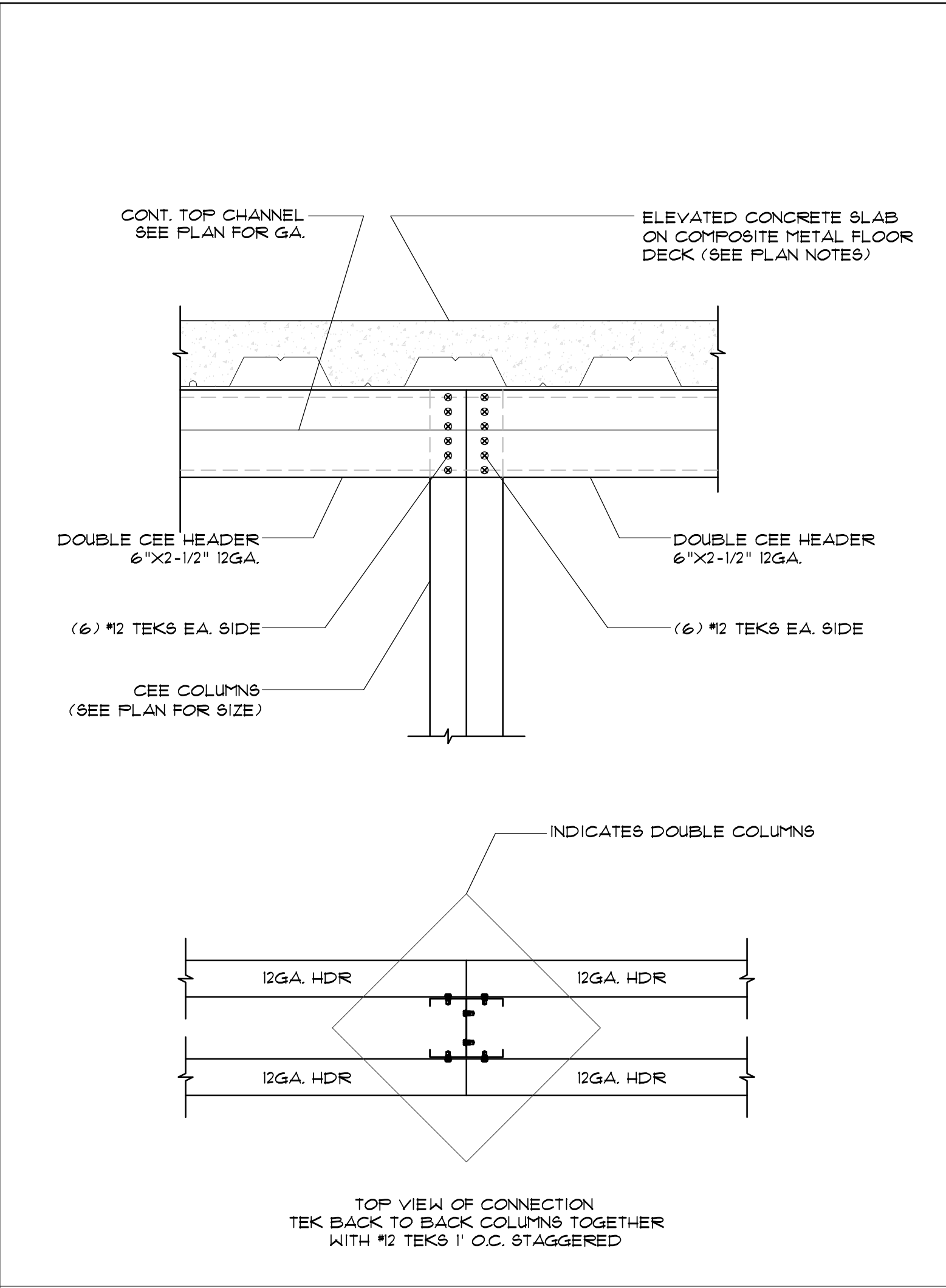
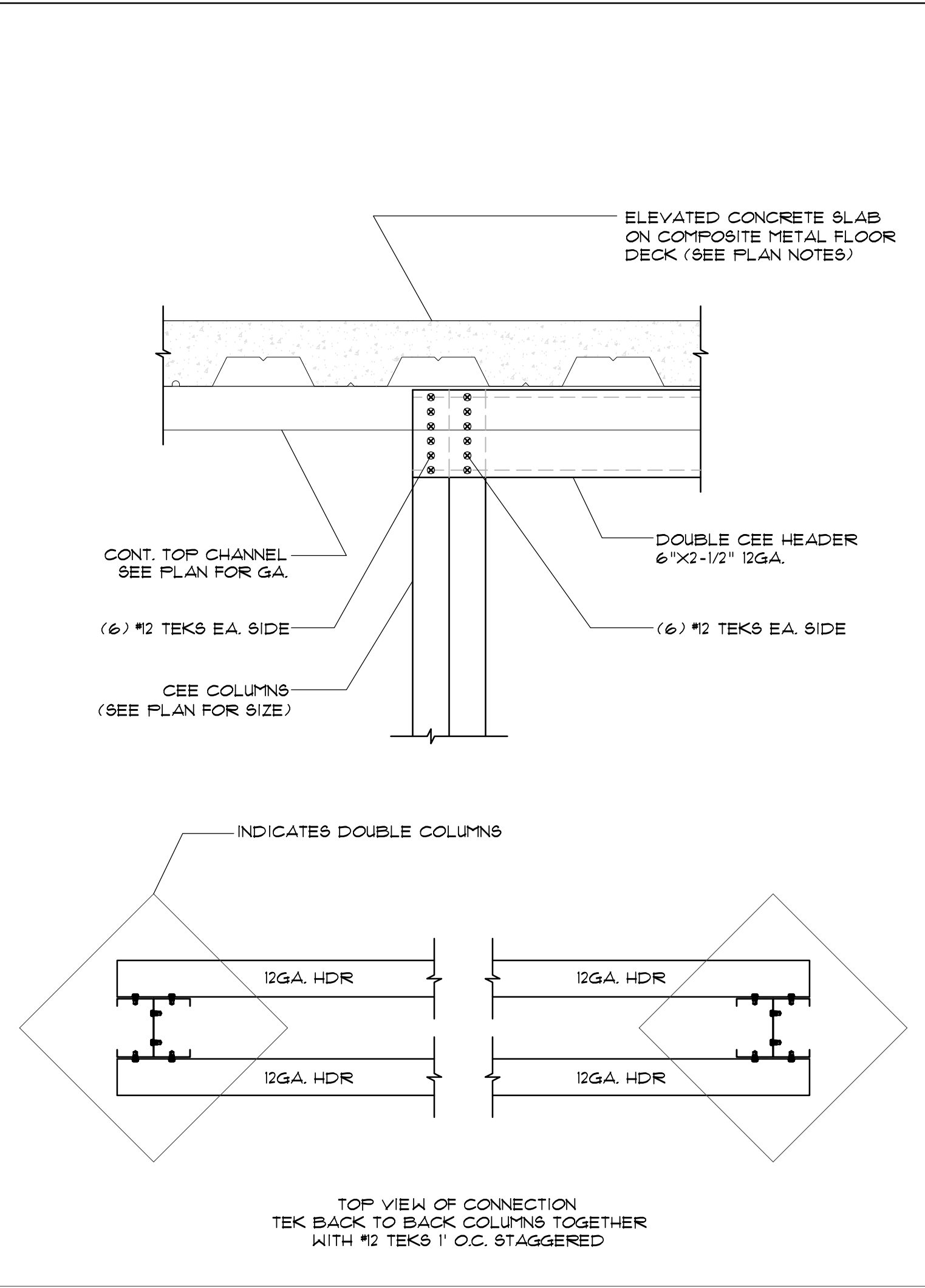
DATE: 01-10-24
 DESIGNED BY: RBS
 CHECKED BY: RBS
 DRAWN BY: APB
 SCALE: AS NOTED
 SHEET

RBS-E15



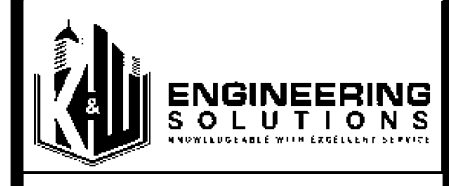
BLDG SECTION "B"

1/4" = 1'



NOTE: FOR A BOTTOM FLOOR OF A 2 STORY OR THE MIDDLE FLOOR OF A 3 STORY, ONLY DOUBLE COLUMNS ARE NEEDED ON EITHER END OF HEADERS INSTEAD OF THE TRIPLE COLUMNS SHOWN.

NOTE: FOR A BOTTOM FLOOR OF A 2 STORY OR THE MIDDLE FLOOR OF A 3 STORY, ONLY DOUBLE COLUMNS ARE NEEDED ON EITHER END OF HEADERS INSTEAD OF THE TRIPLE COLUMNS SHOWN.



350 E CROWN POINT RD. SUITE 1080
WINTER GARDEN, FL. 34181
PHONE: (407) 341-9614

JOB NUMBER:
541-23-VER-FL

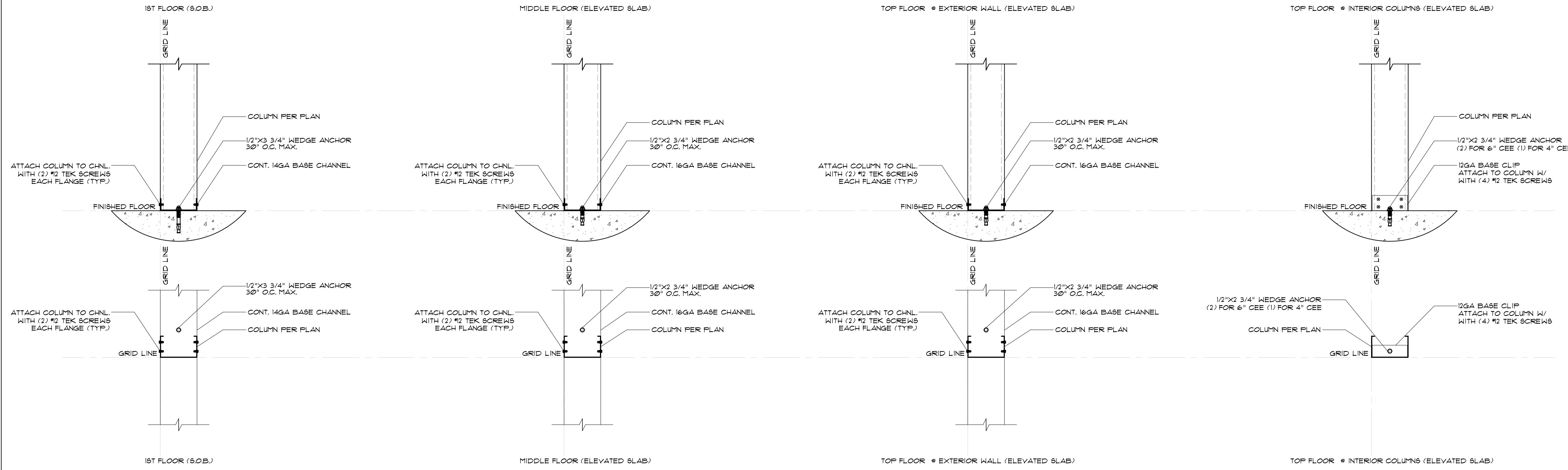
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
STRUCTURAL DETAILS

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

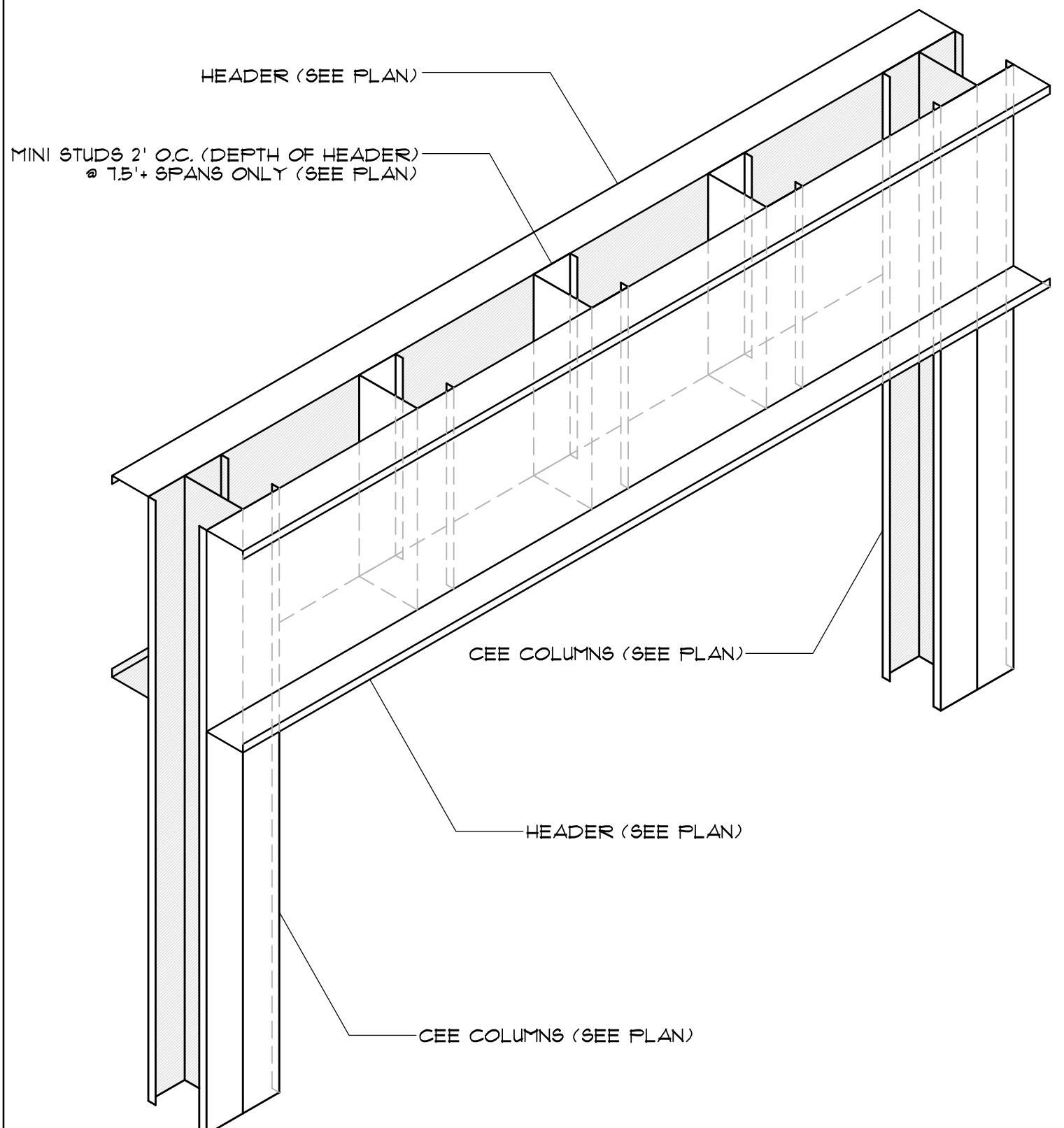
RBS-D1.0



TYPICAL COLUMN TO SLAB ANCHORING (MULTI-STORY)

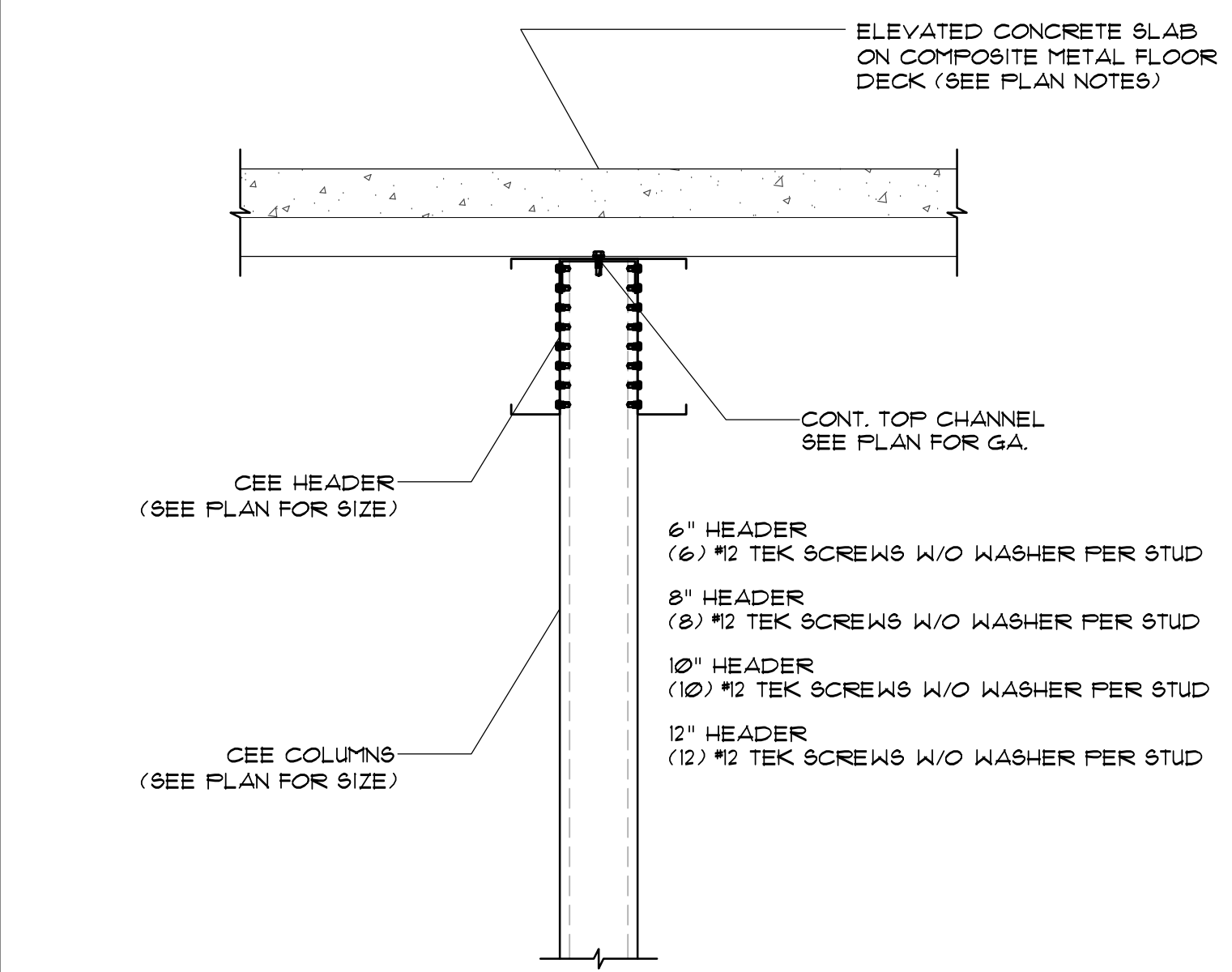
SCALE: 1 1/2" = 1'

NOTE: MINI STUDS ARE TO BE INSERTED 2' O.C. IN BETWEEN THE HEADERS @ SPANS GREATER THAN 15'. SEE PAGE D12 FOR TYP. SCREW COUNTS



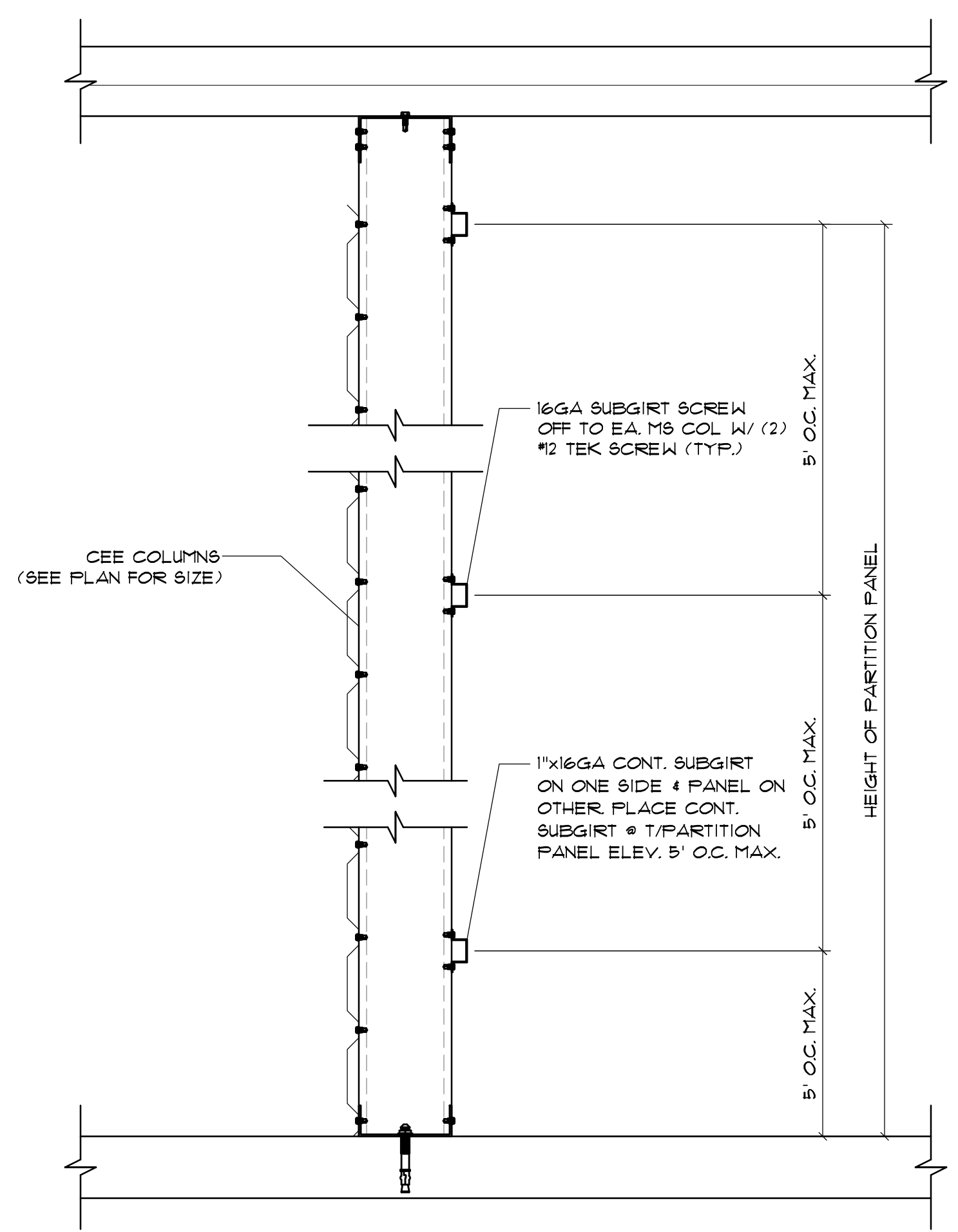
TYPICAL HEADER TO COLUMN W/ MINI STUDS 2' O.C.

SCALE: 1 1/2" = 1'



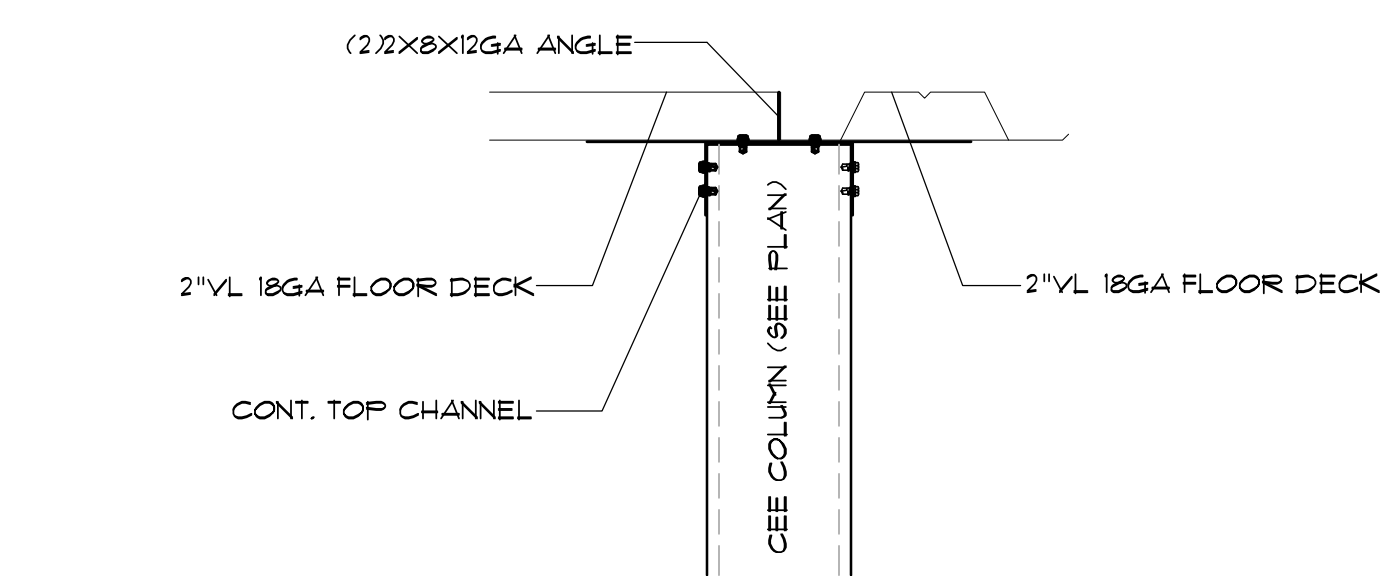
TYPICAL HEADER SCREW COUNT ATTACHMENT

SCALE: 1 1/2" = 1'



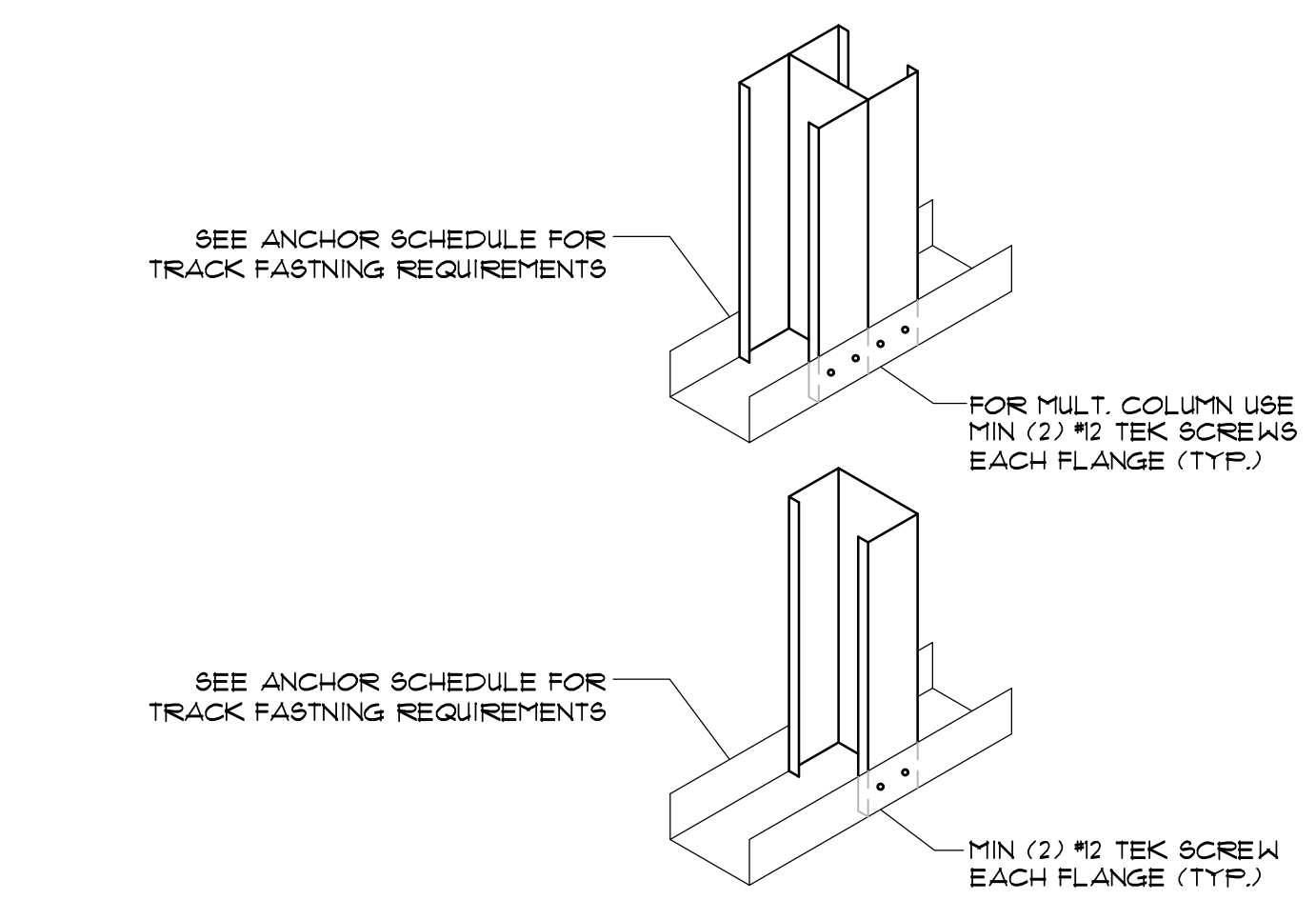
SEE PLAN NOTES FOR REQUIRED BRACING LOCATIONS

SCALE: 1 1/2" = 1'



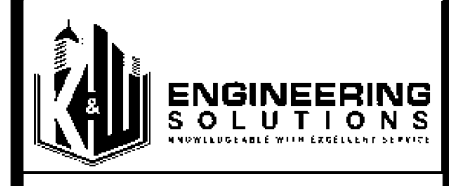
TURNED DECK TRANSITION

SCALE: 1 1/2" = 1'



STUD TO CHANNEL CONNECTION DETAIL

SCALE: 1 1/2" = 1'



SEALS



350 E CROWN POINT RD. SUITE 1080 WINTER GARDEN, FL. 34787 PHONE: (407) 341-5614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER: 541-23-VER-FL

STORAGE RENTALS OF AMERICA
 1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
 VERO BEACH, FL 32960

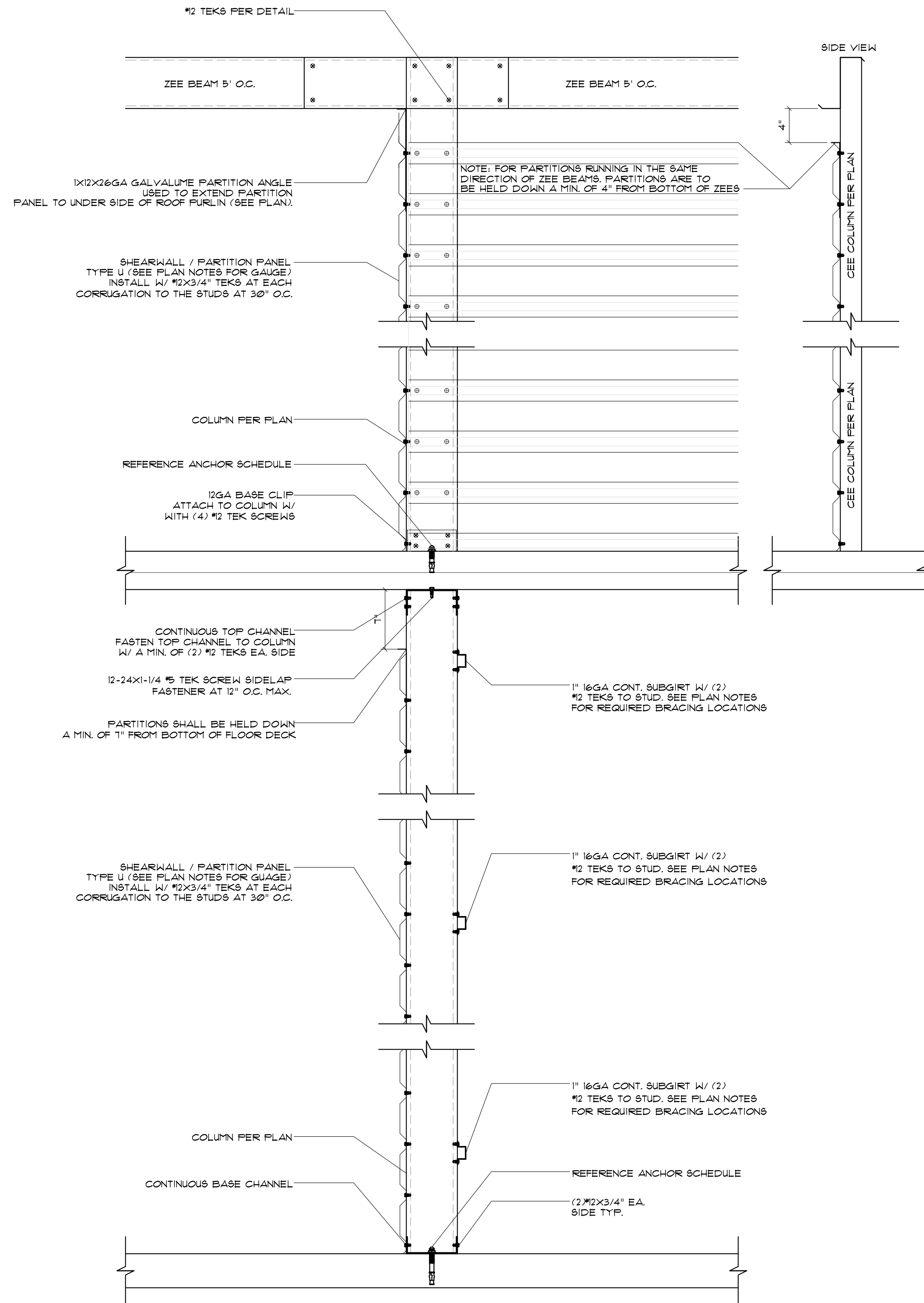
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

STRUCTURAL DETAILS

DATE 01-10-24
 DESIGNED BY RBS
 CHECKED BY RBS
 DRAWN BY APB
 SCALE AS NOTED
 SHEET

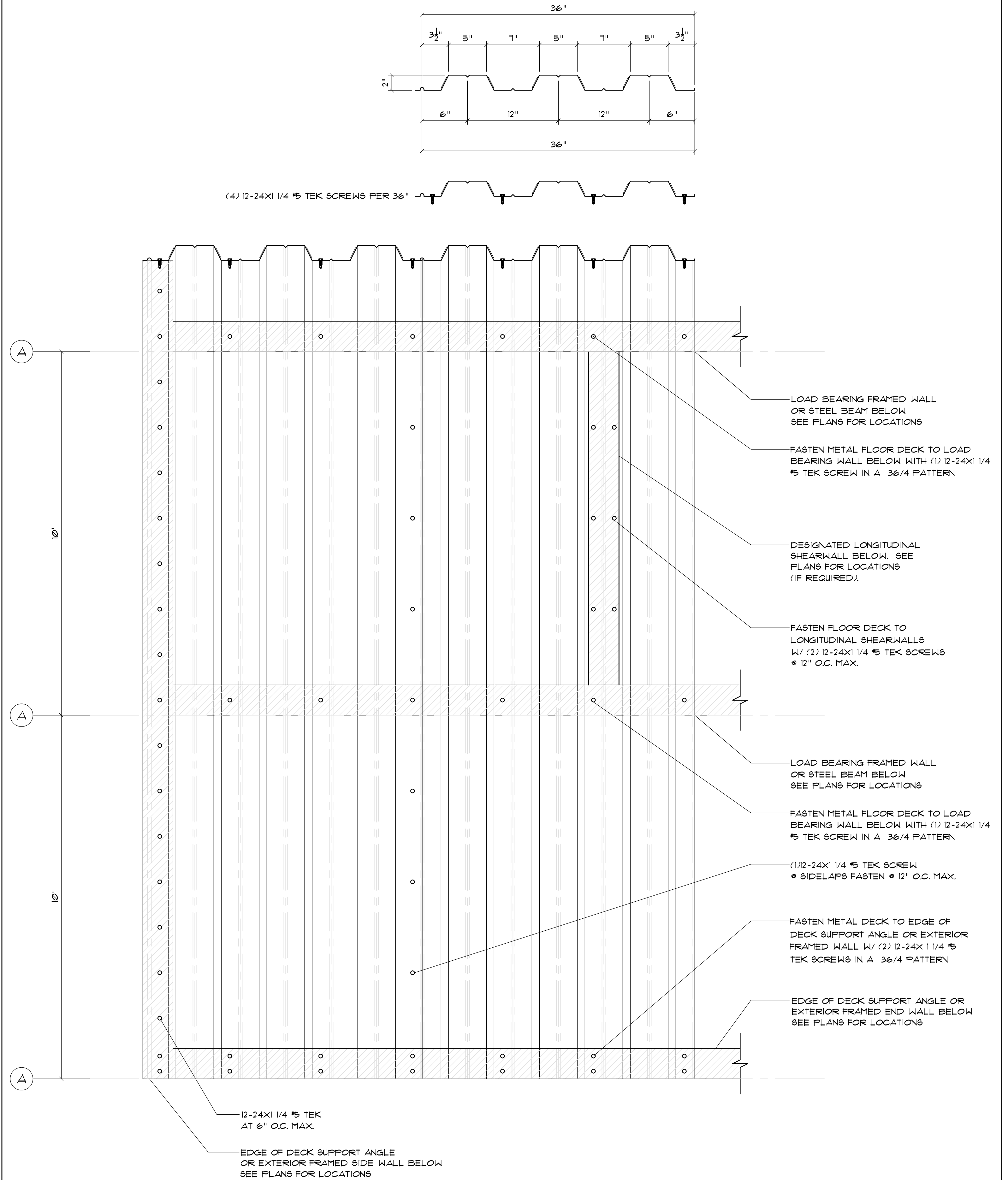
RBS-D.1



TYPICAL SECTION AT HORIZONTAL PARTITIONING
SCALE: 1/2" = 1'

NOTE:

- MULTIPLE COLUMNS SHOWN ON THE SECOND FLOOR FRAMING PLAN SHALL BE SUPPORTED BY EQUIVALENT MULTIPLE COLUMNS FROM FLOOR BELOW.
- FASTEN CONT. MS TRACK TO MS HEADER BEAMS W/ #12 TEK SCREWS @ 12" O.C. MAX. (STAGGERED 12" TO EACH HEADER BEAM).



2VL1 OR 3VL1 COMPOSITE METAL FLOOR DECK ATTACHMENT DETAIL
SCALE: 1/2" = 1'



SEALS



350 E CROWN POINT RD. SUITE 1080
WINTER GARDEN, FL 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

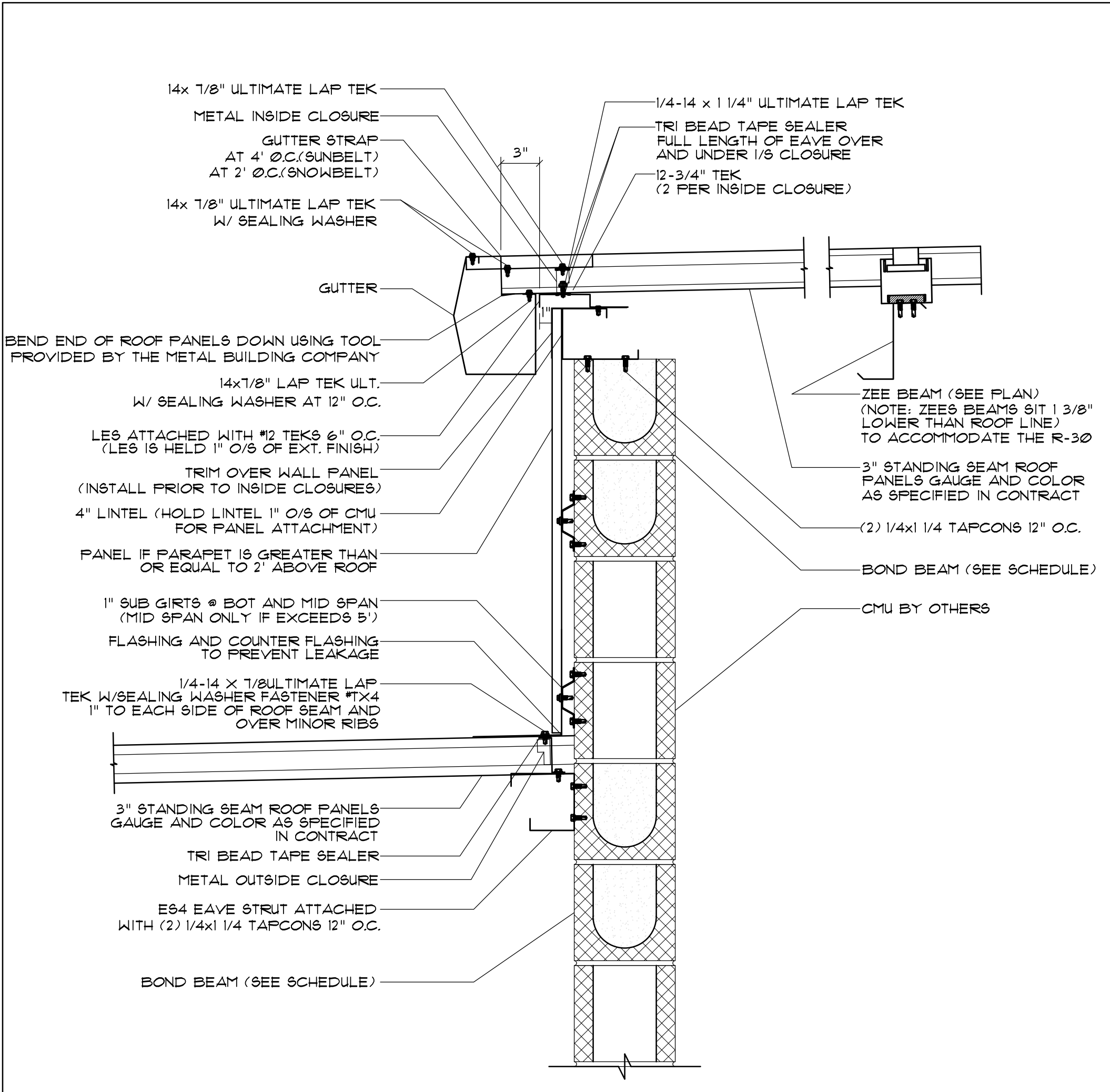
REV.	DATE	DESCRIPTION	BY
Δ	11-29-23	ELEV REVISION	AB

SHEET TITLE

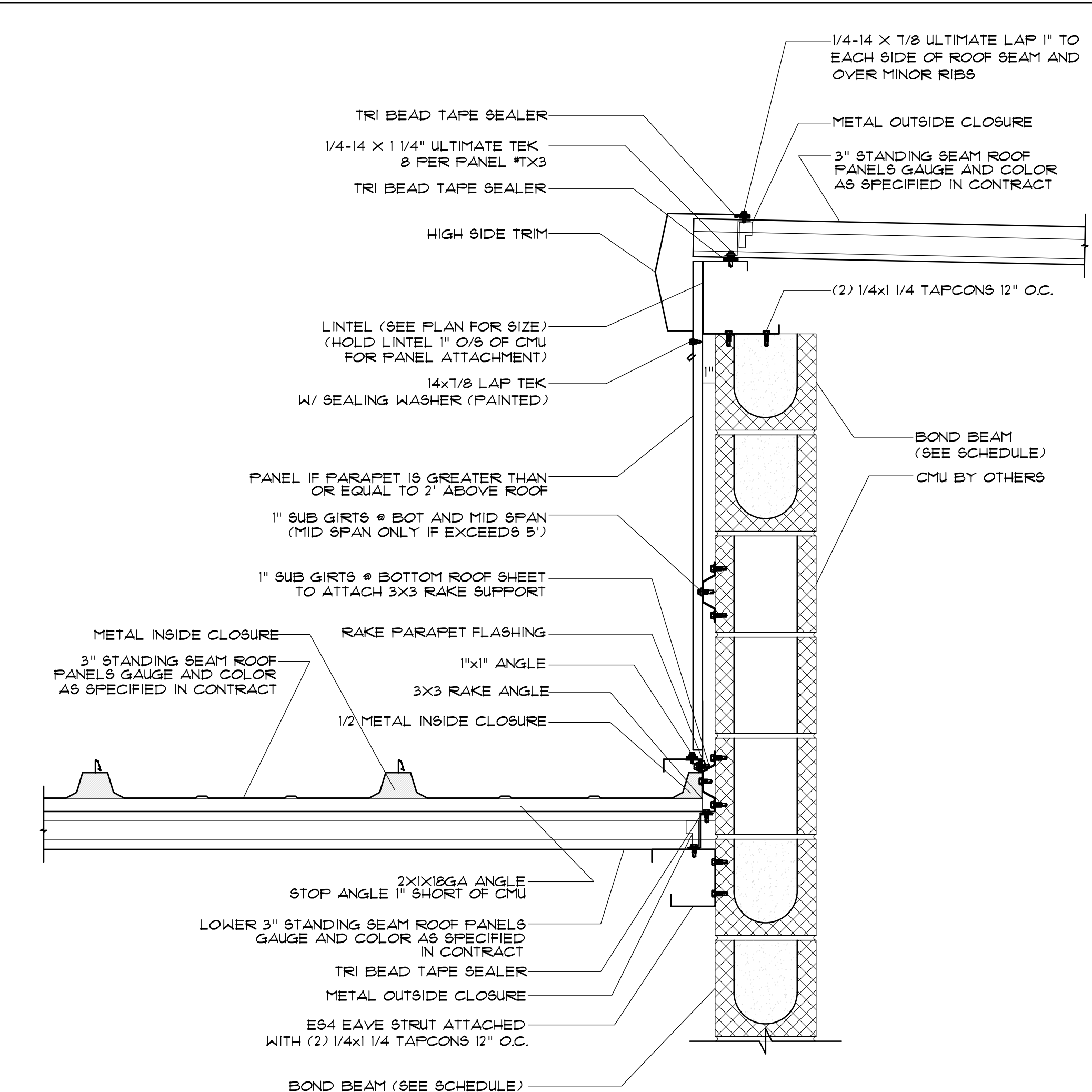
STRUCTURAL DETAILS

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

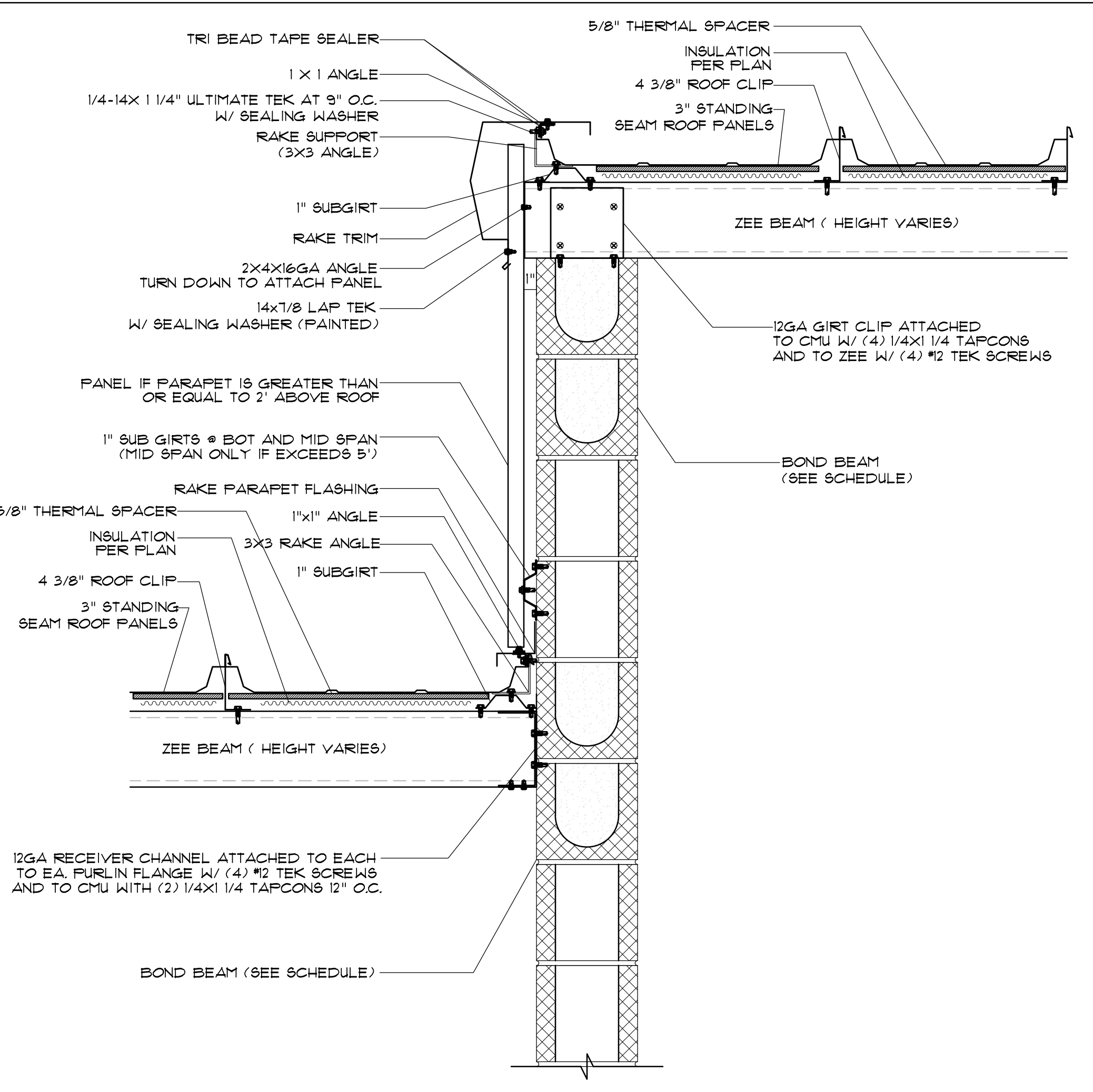
RBS-D1.2



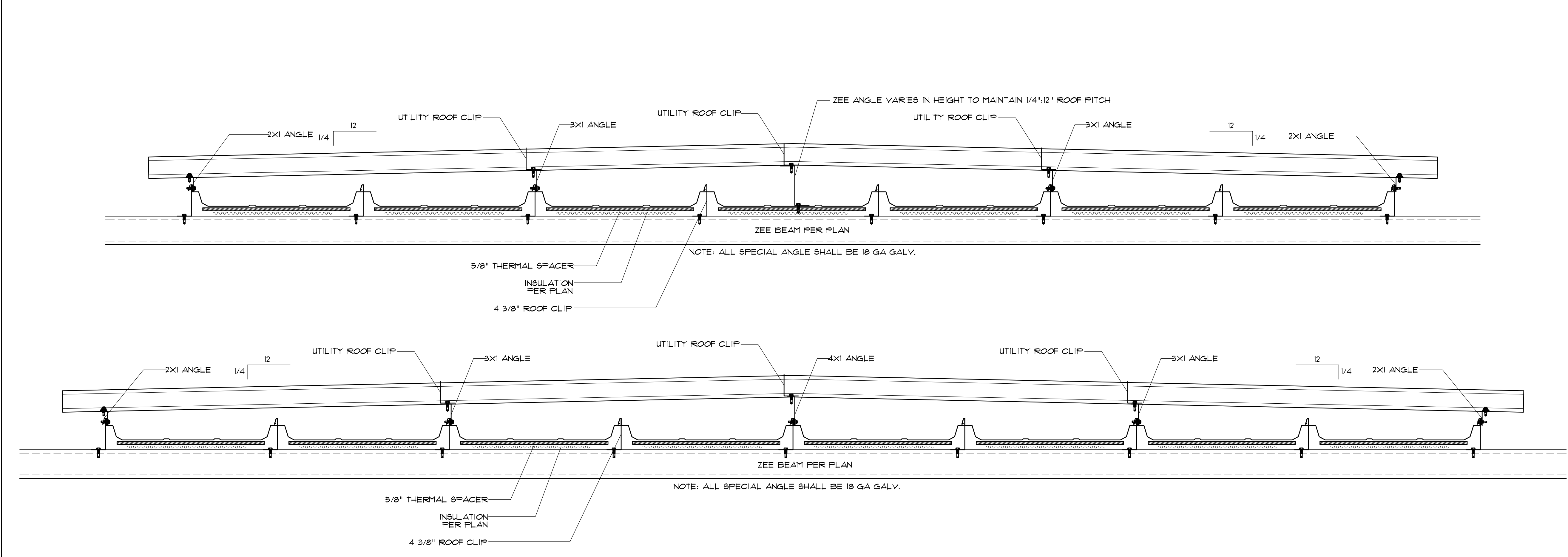
1 LOWSIDE EAVE - ELEVATOR
D13 SCALE: 1/2" = 1'



2 HIGHSIDE EAVE - TURNED ROOF BEHIND ELEVATOR
D13 SCALE: 1/2" = 1'

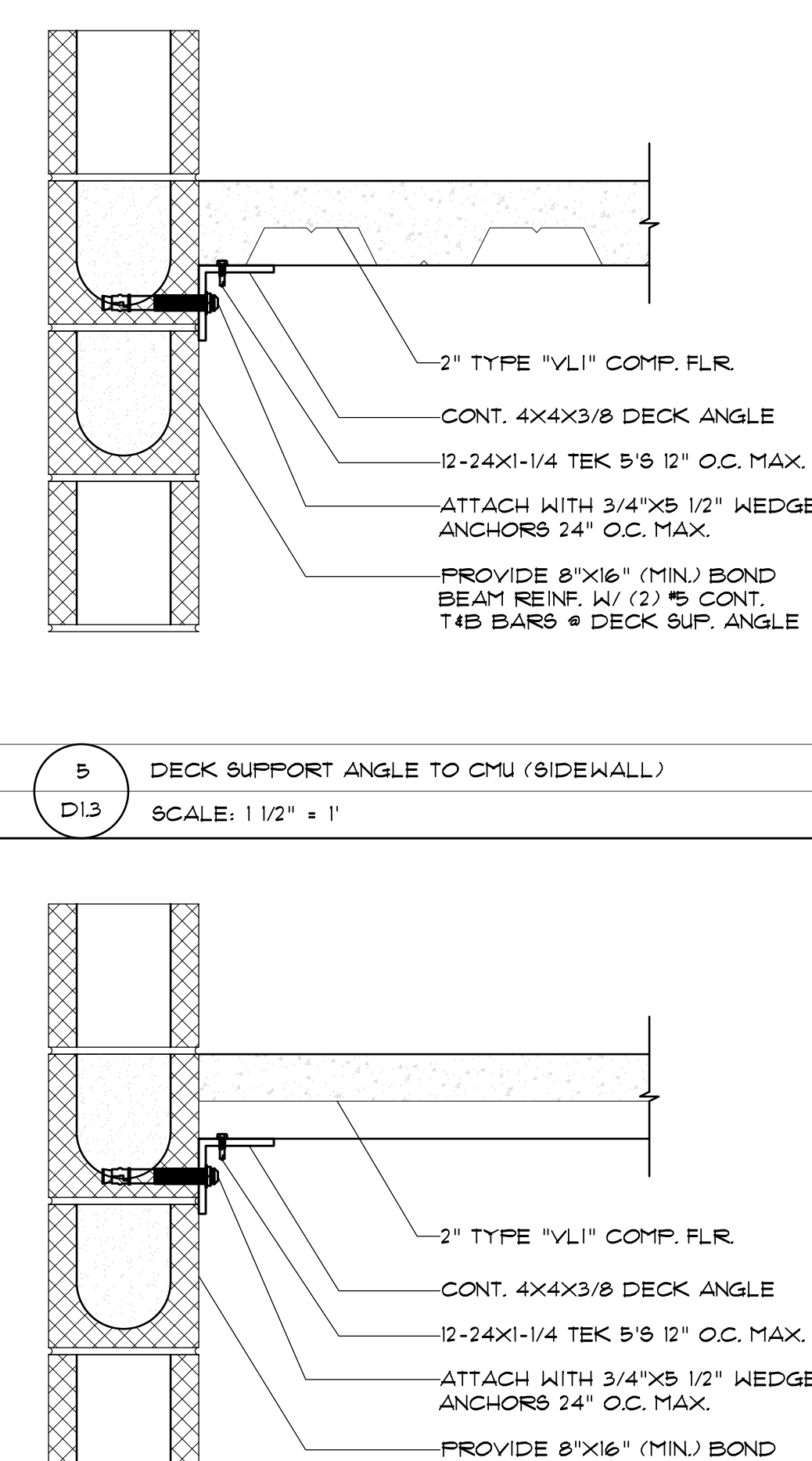


3 ENDWALL (RAKE) - ELEVATOR WITH R-30 ROOF INSULATION
D13 SCALE: 1/2" = 1'



NOTE: FRAMING BEHIND ELEVATOR WILL VARY FROM JOB TO JOB. THESE ARE JUST TYPICAL EXAMPLES.

4 DETAIL AT TURNED ROOF BEHIND ELEVATOR
D13 SCALE: 1/2" = 1'



6 DECK SUPPORT ANGLE TO CMU (ENDWALL)
D13 SCALE: 1/2" = 1'

ENGINEERING SOLUTIONS
RAPID BUILDING SOLUTIONS
 350 E CROWN POINT RD. SUITE 1080
 WINTER GARDEN, FL. 34181
 PHONE: (407) 341-9614
 INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
 1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
 VERO BEACH, FL 32960

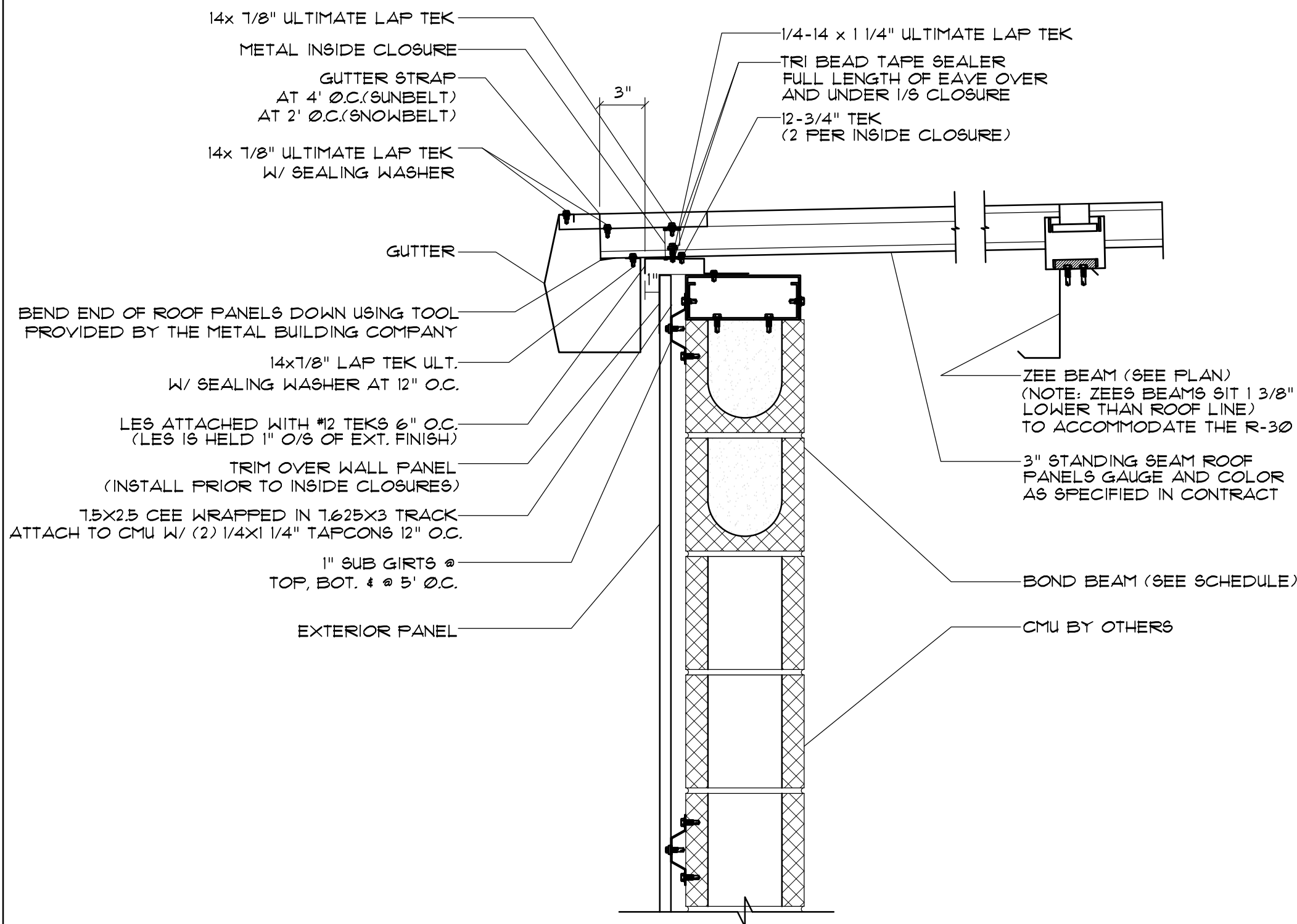
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
STRUCTURAL DETAILS

DATE: 01-10-24
 DESIGNED BY: RBS
 CHECKED BY: RBS
 DRAWN BY: APB
 SCALE: AS NOTED
 SHEET

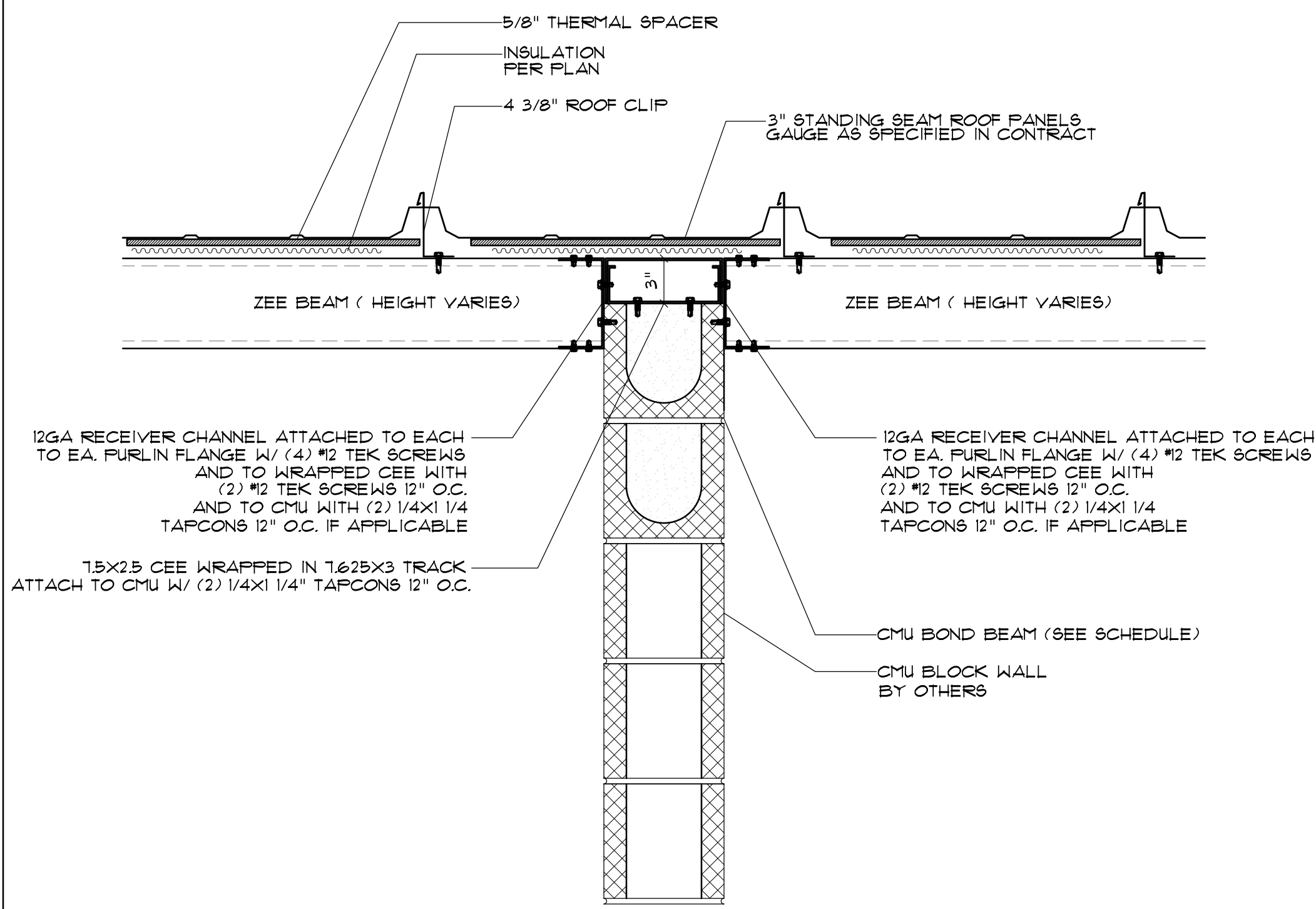
RBS-D13

NOTE: TOP OF CMU TO SIT 3" BELOW TOP OF FURLIN LINE. SLOPE CMU TO MATCH THE FITCH OF THE ROOF.

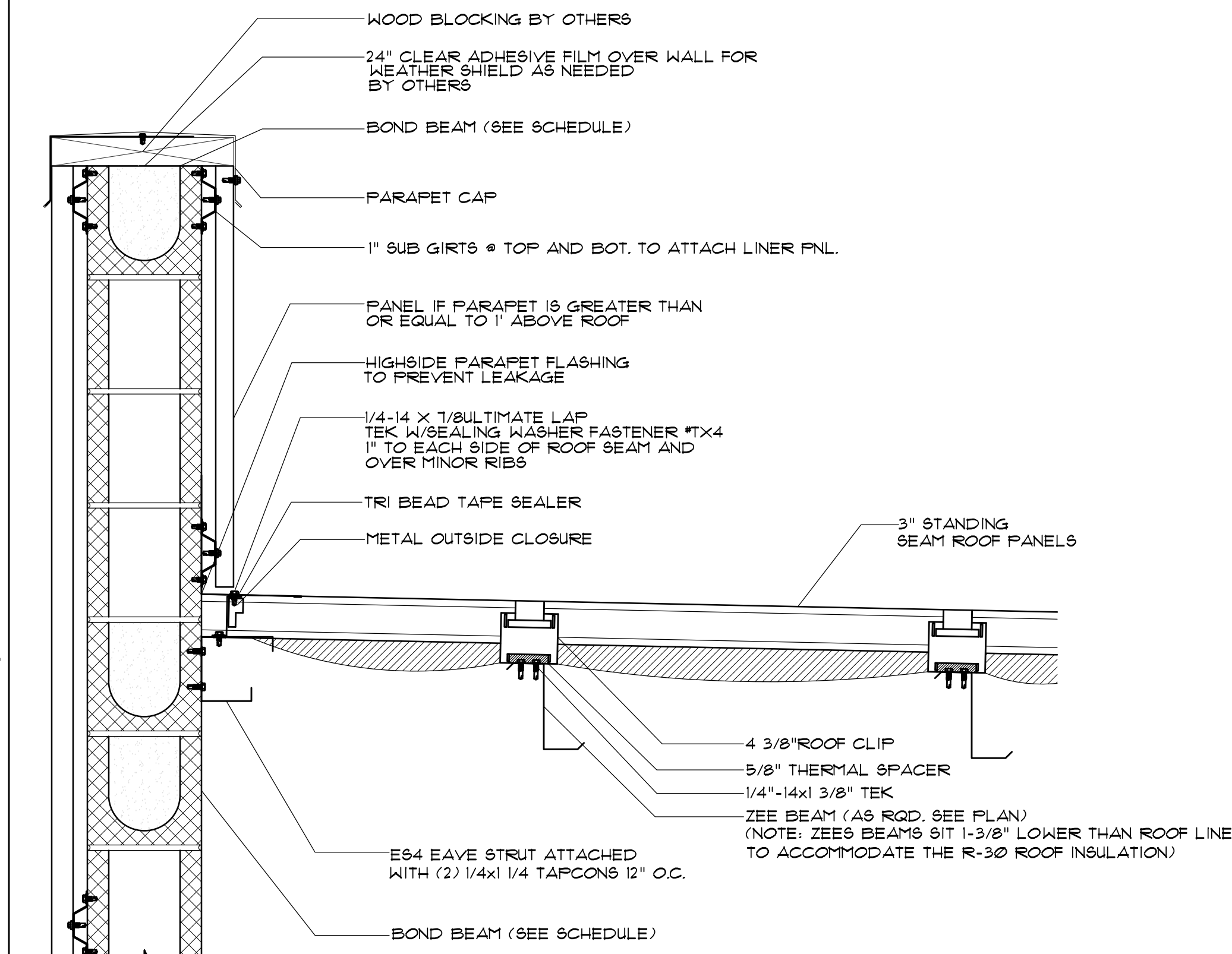


1 EXT. STAIR DETAIL - LOWSIDE EAVE
D1.4 SCALE: 1/2" = 1'

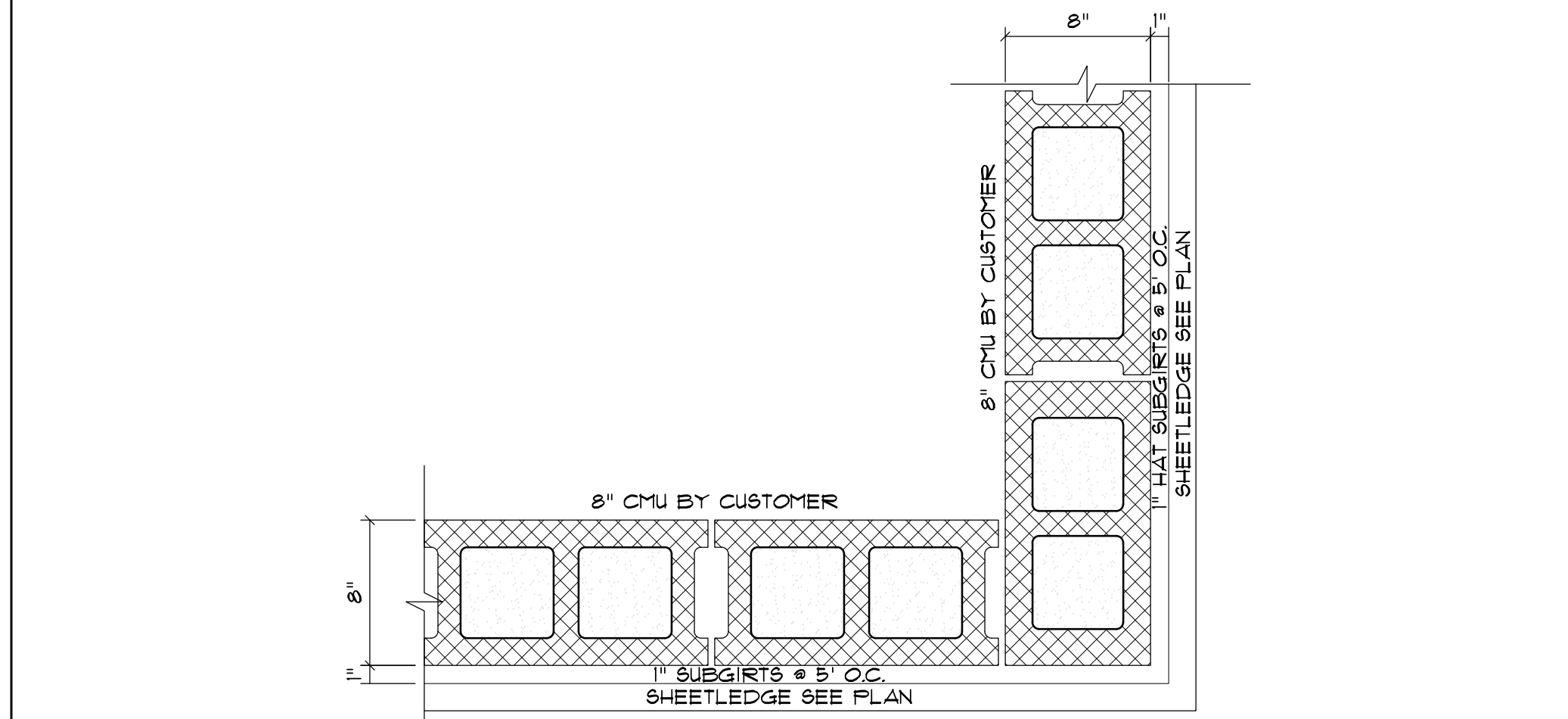
NOTE: TOP OF CMU TO SIT 3" BELOW TOP OF FURLIN LINE. SLOPE CMU TO MATCH THE FITCH OF THE ROOF.



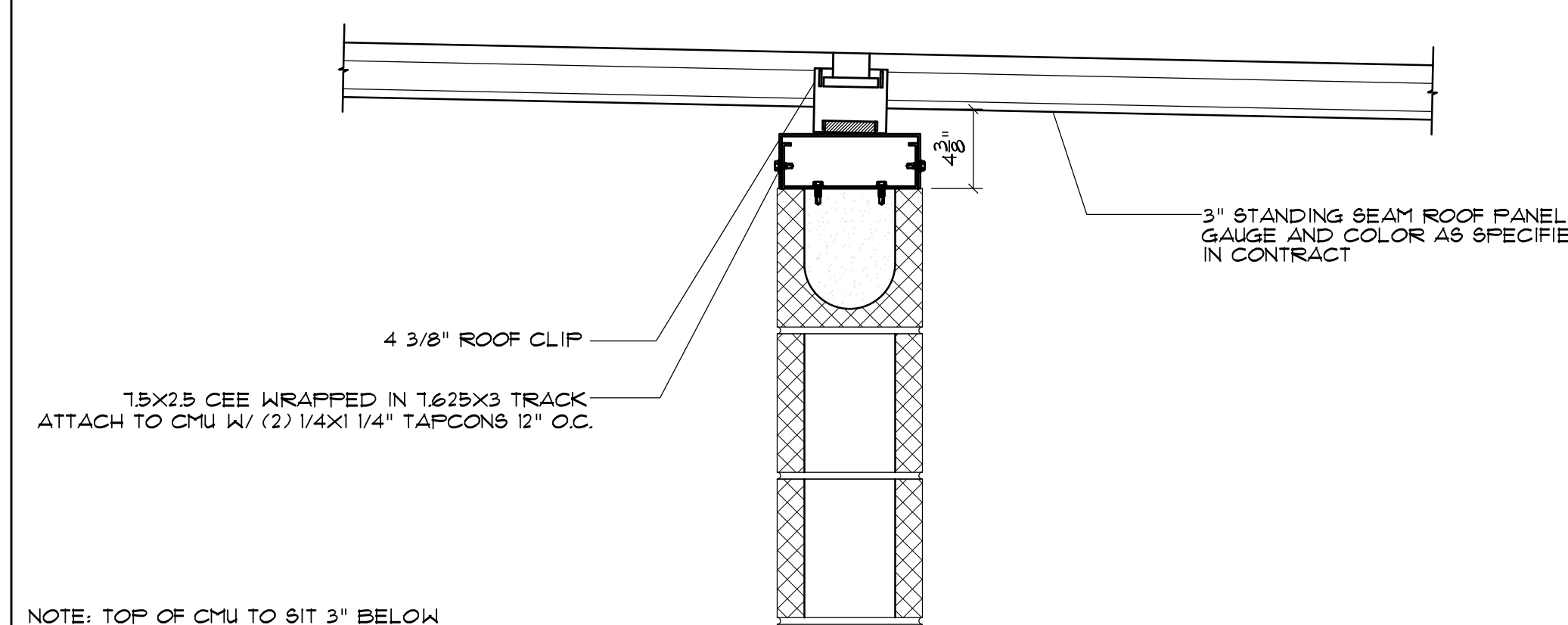
4 INT. STAIR DETAIL W/ R-30 ROOF INSULATION
D1.4 SCALE: 1/2" = 1'



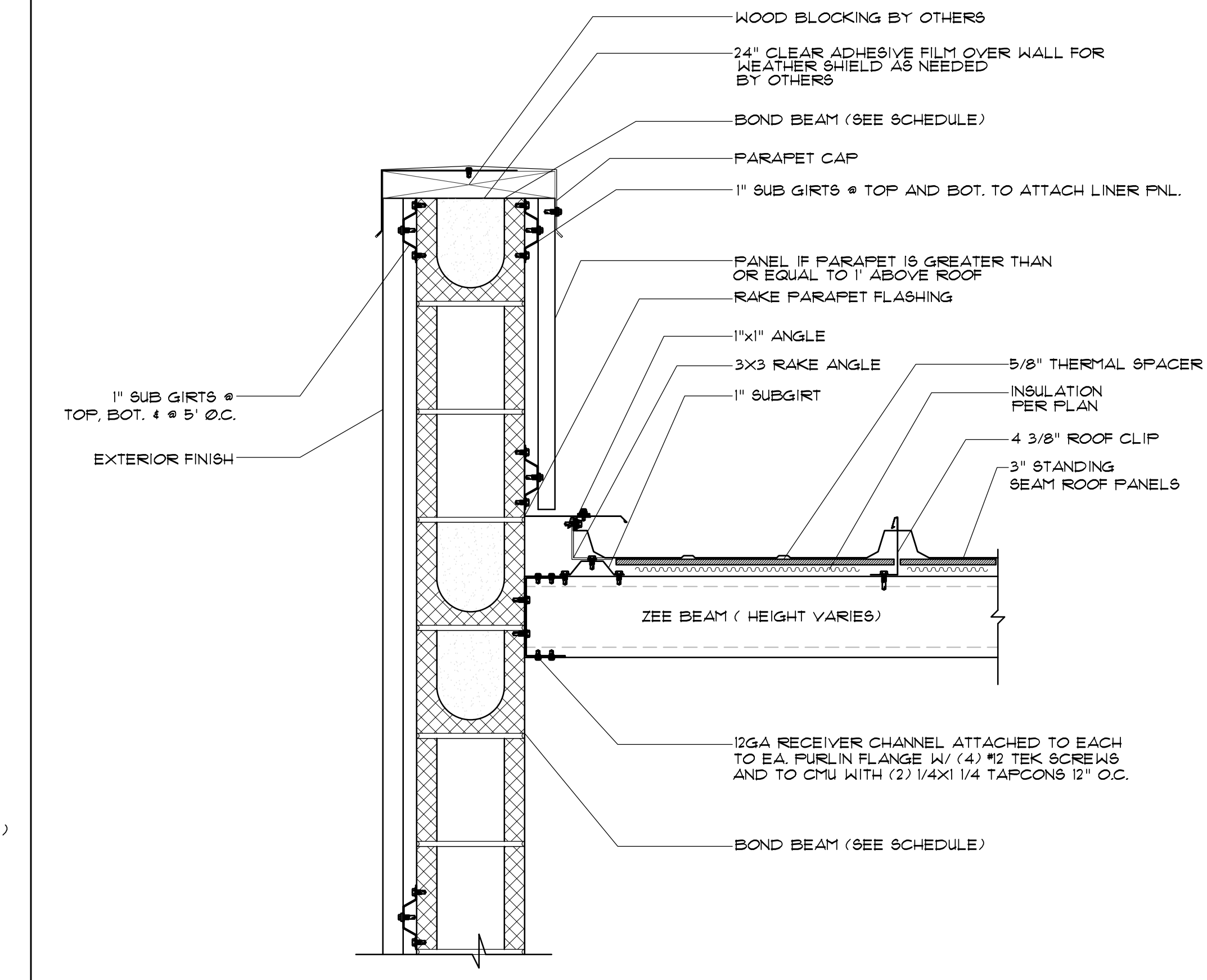
2 EXT. STAIR DETAIL - HIGHSIDE PARAPET
D1.4 SCALE: 1/2" = 1'



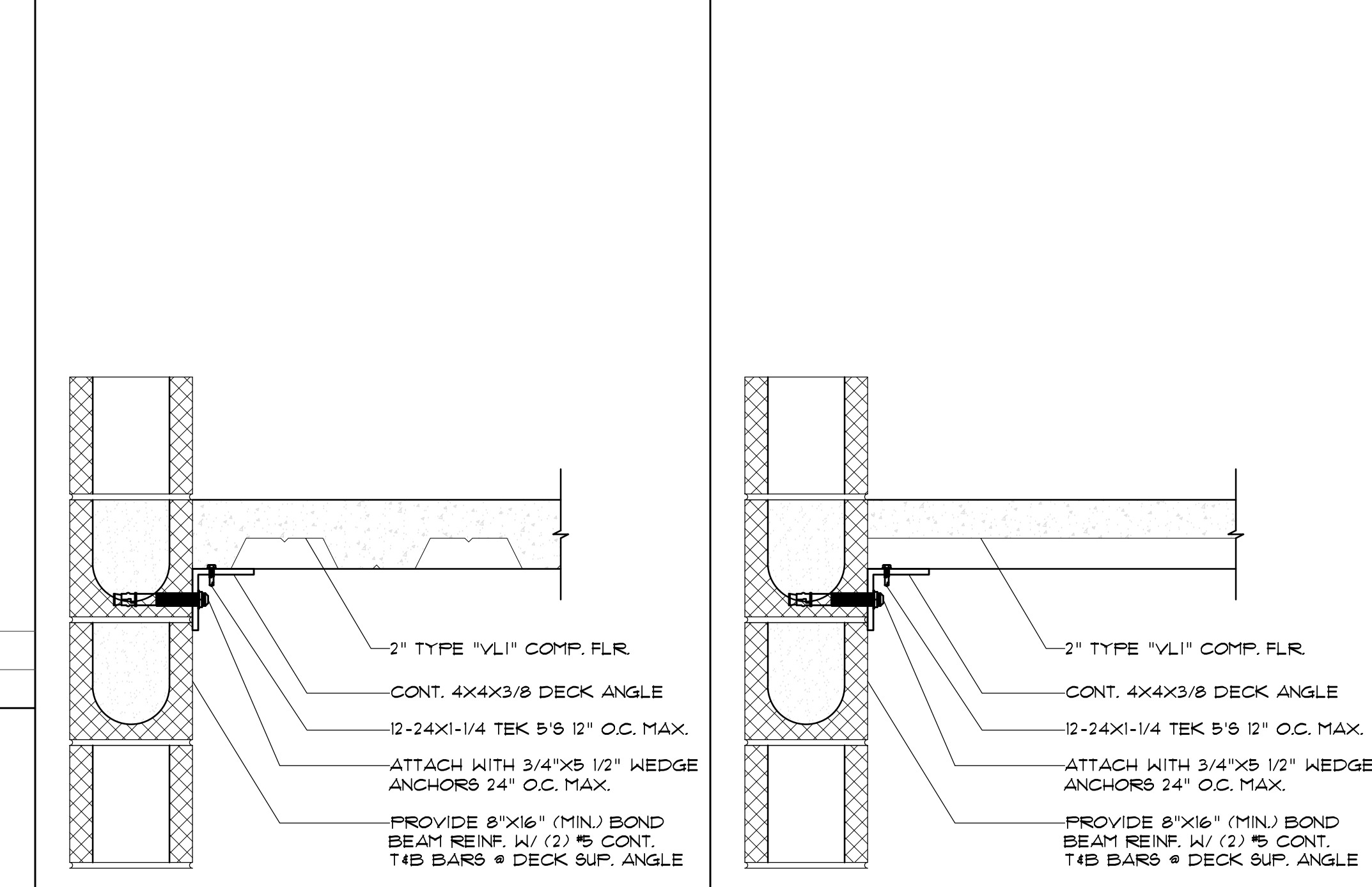
5 DETAIL - EXTERIOR STAIR WALLS
D1.4 SCALE: 1/2" = 1'



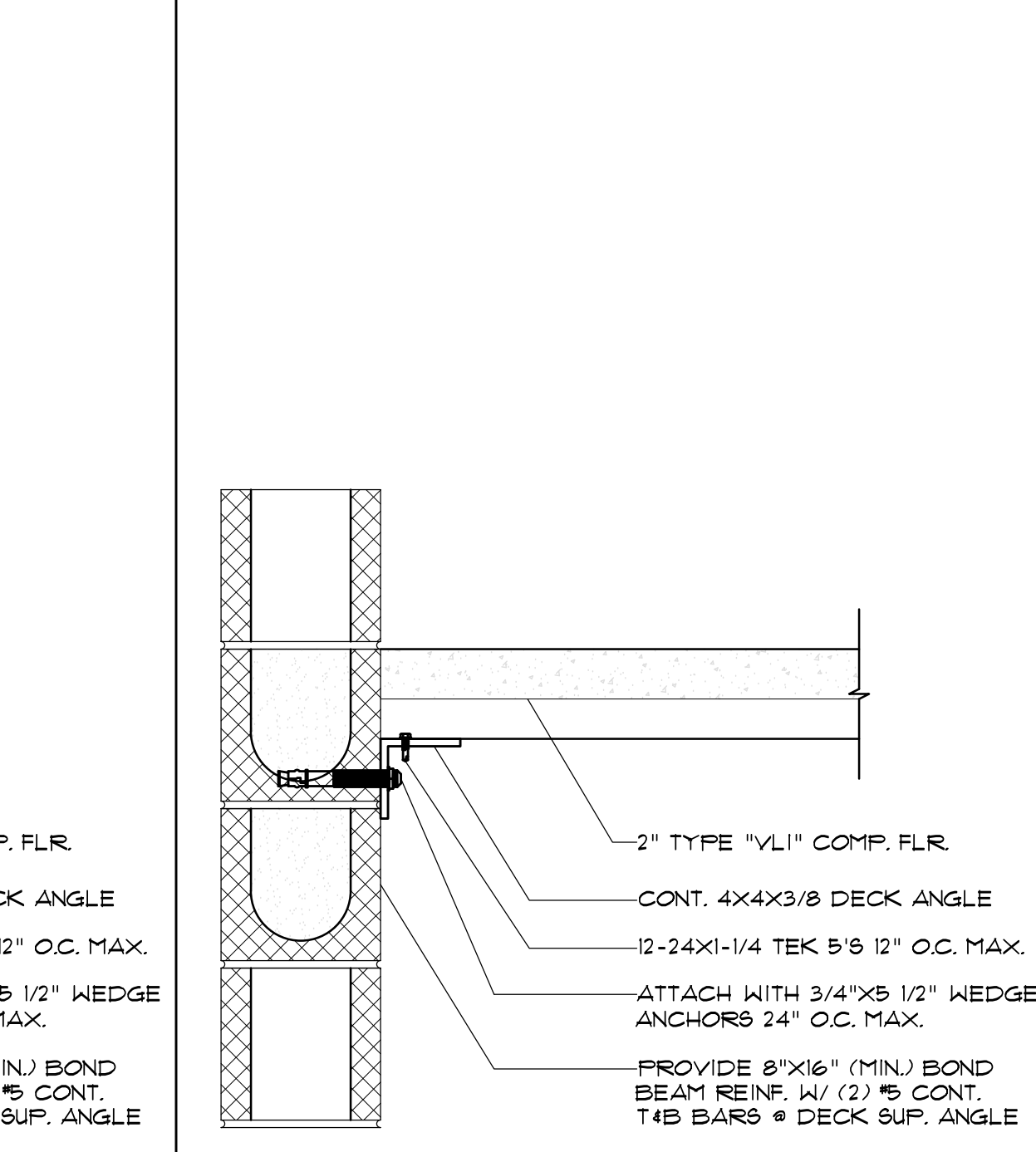
6 INT. STAIR DETAIL
D1.4 SCALE: 1/2" = 1'



3 EXT. STAIR DETAIL - ENDWALL PARAPET
D1.4 SCALE: 1/2" = 1'



7 DECK SUPPORT ANGLE TO CMU (SIDEWALL)
D1.4 SCALE: 1/2" = 1'



8 DECK SUPPORT ANGLE TO CMU (ENDWALL)
D1.4 SCALE: 1/2" = 1'



390 E CROWN POINT RD.
SUITE 1080
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

JOB NUMBER:
541-23-VER-FL

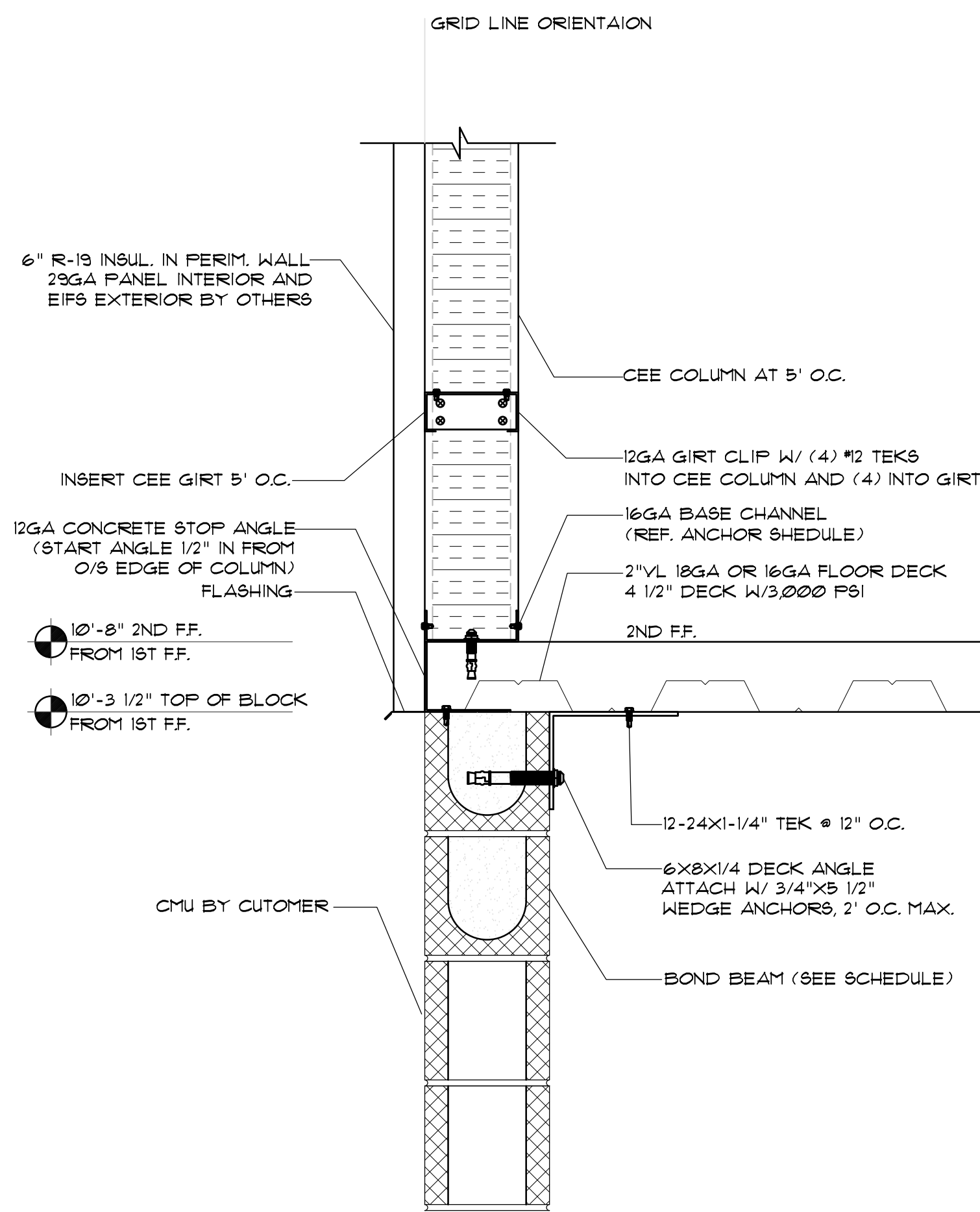
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

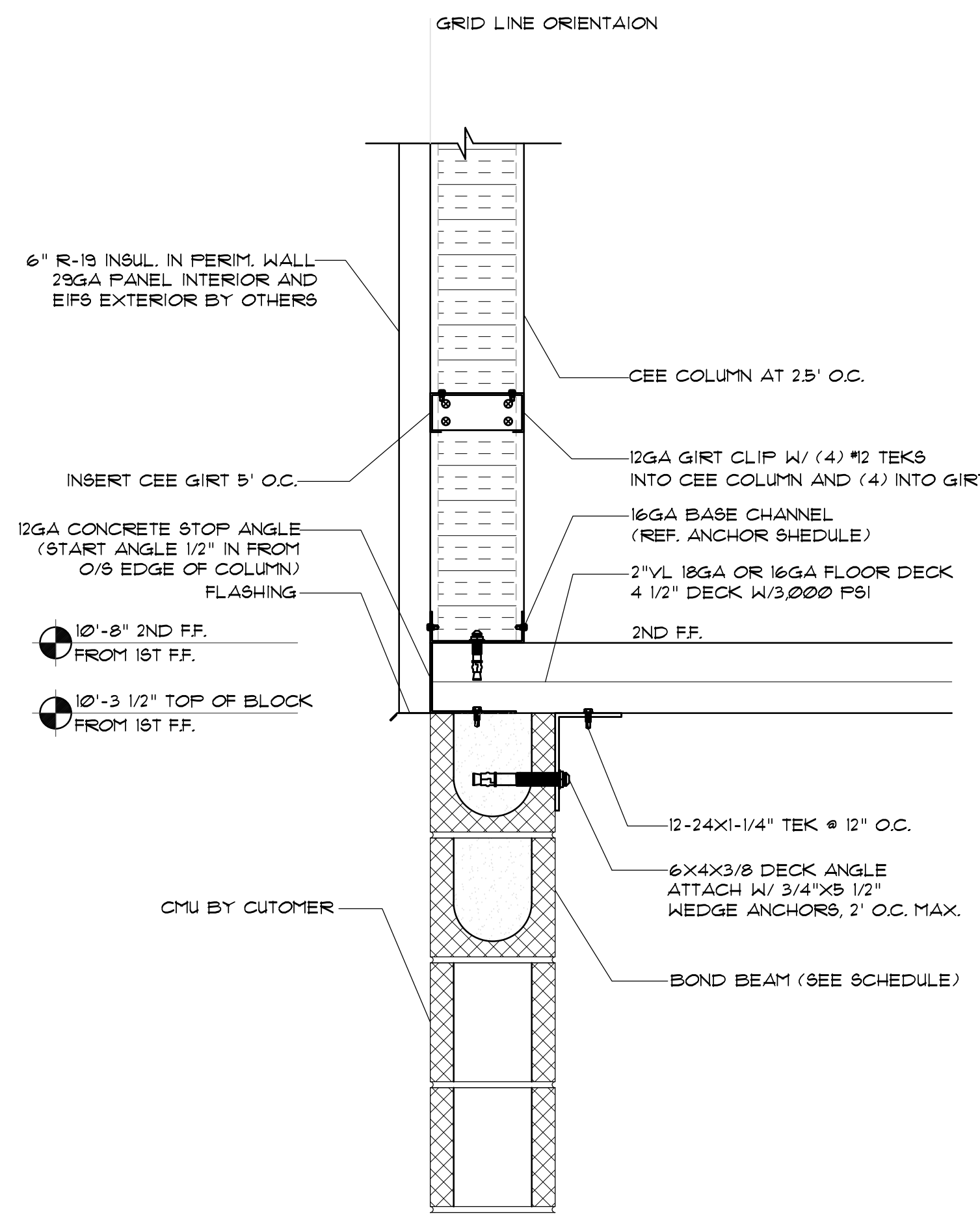
SHEET TITLE
STRUCTURAL
DETAILS

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

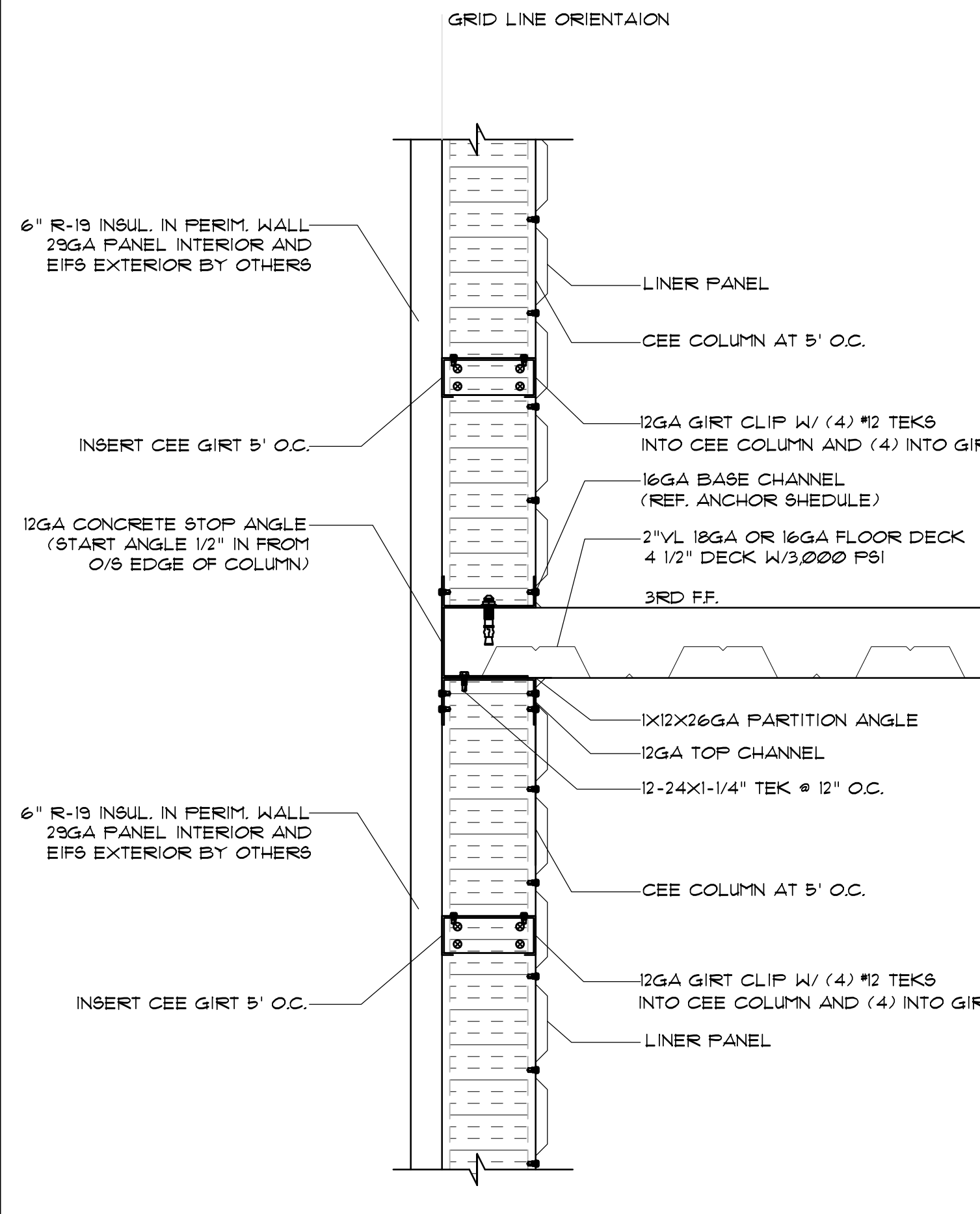
RBS-D1.4



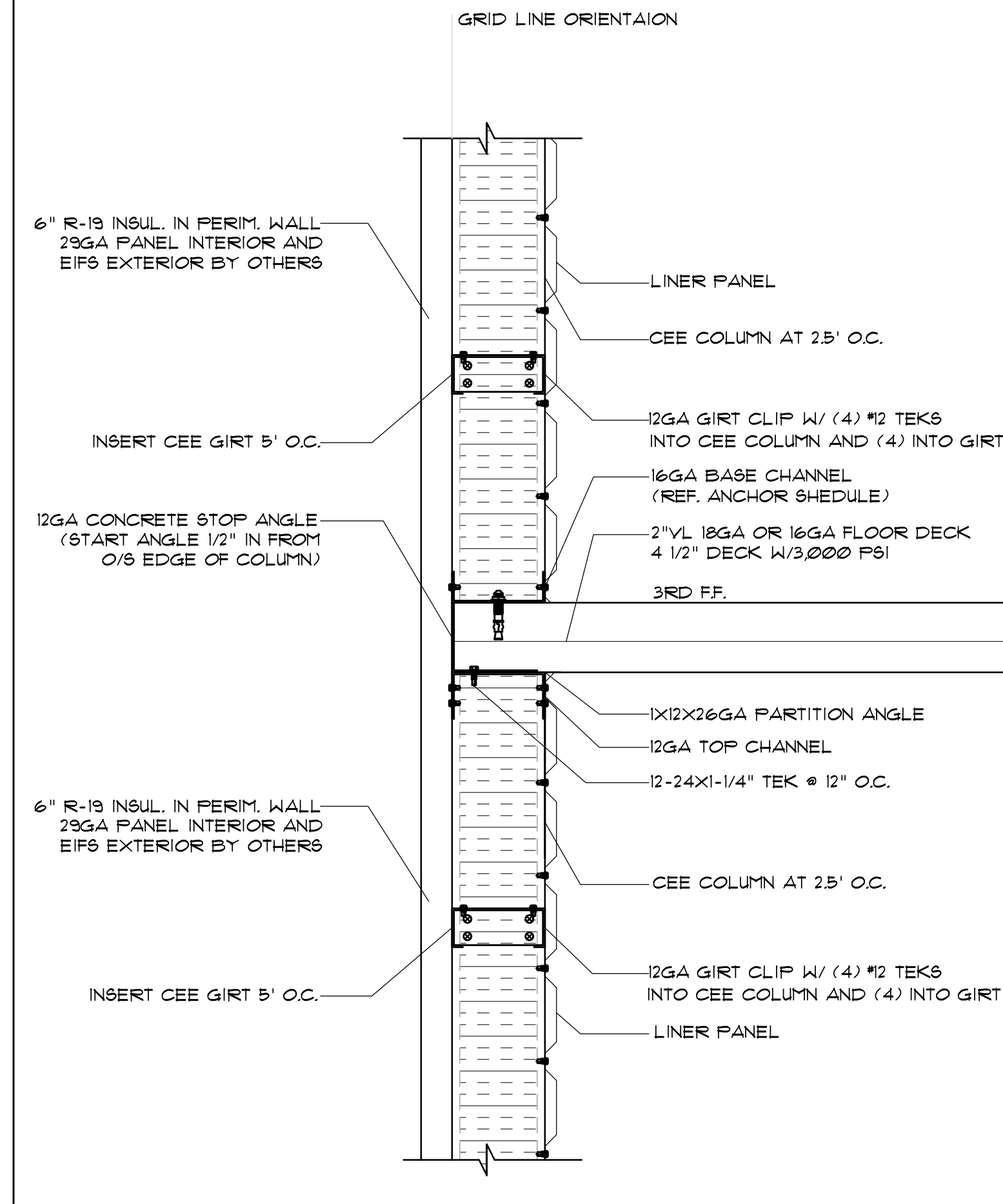
1 TYP. WALL SECTION @ SIDE WALLS @ CMU BY OTHERS
D15 SCALE: 1/2" = 1'



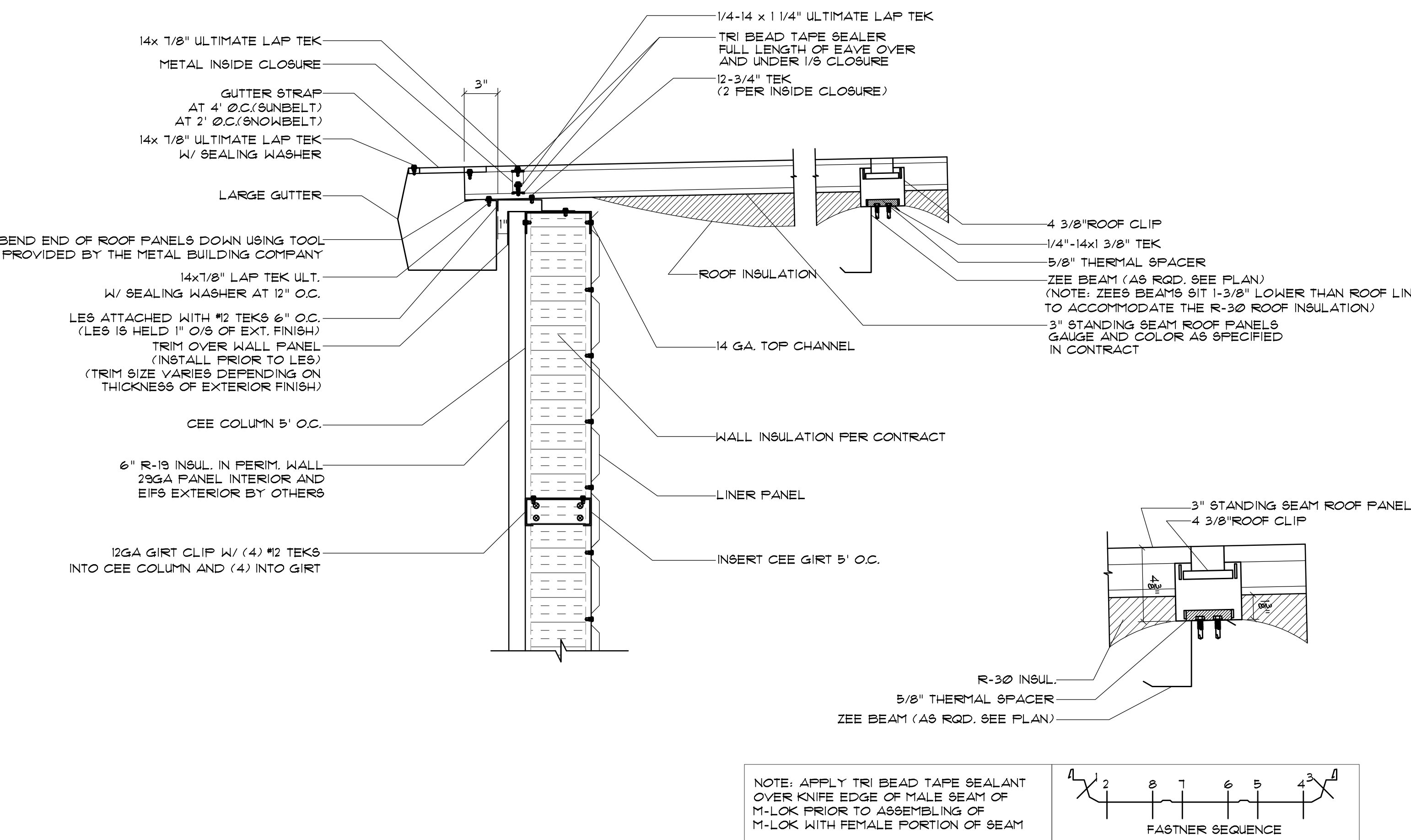
2 TYP. WALL SECTION @ SIDE WALLS @ CMU BY OTHERS
D15 SCALE: 1/2" = 1'



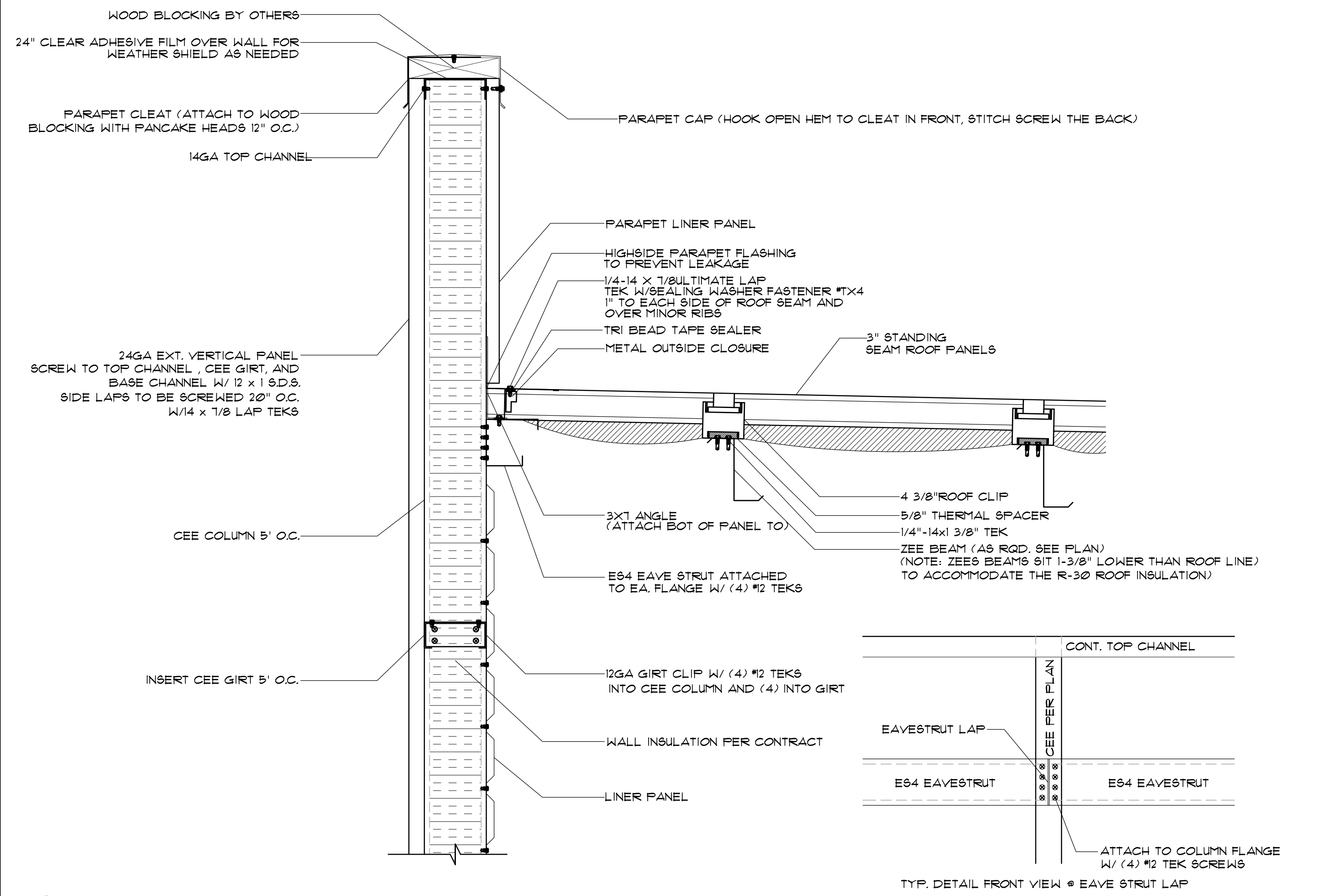
3 TYP. WALL SECTION @ SIDE WALLS
D15 SCALE: 1/2" = 1'



4 TYP. WALL SECTION @ END WALLS
D15 SCALE: 1/2" = 1'



5 ROOF LOWSIDE EAVE PANEL WALL @ GUTTER WITH R-30 ROOF INSULATION
D15 SCALE: 1/2" = 1'



6 HIGHSIDE PARAPET WALL SECTION WITH R-30 ROOF INSULATION
D15 SCALE: 1/2" = 1'



390 E CROWN POINT RD.
SUITE 1080
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

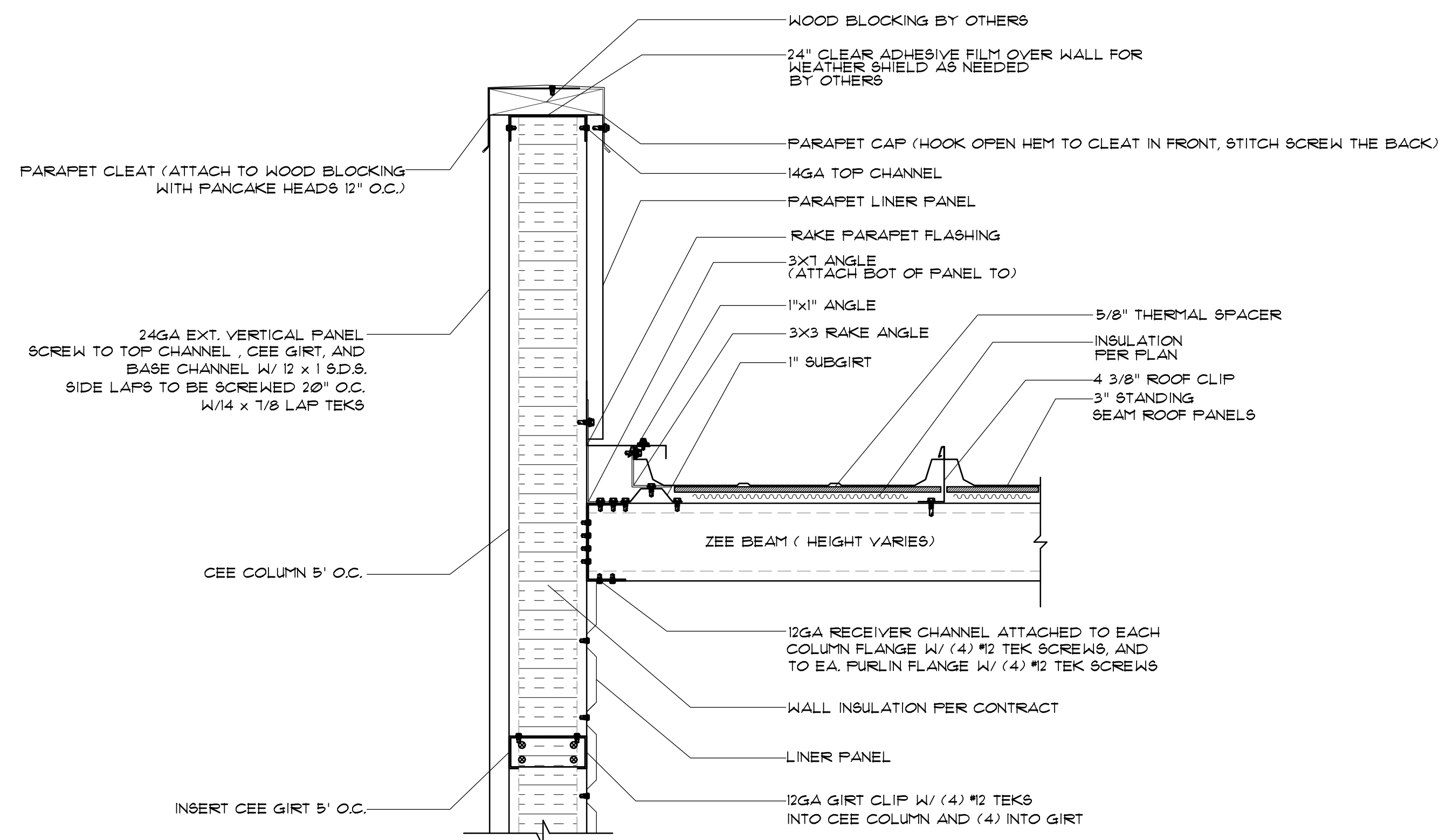
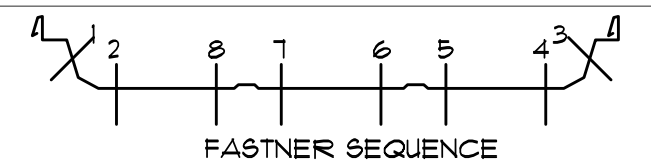
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

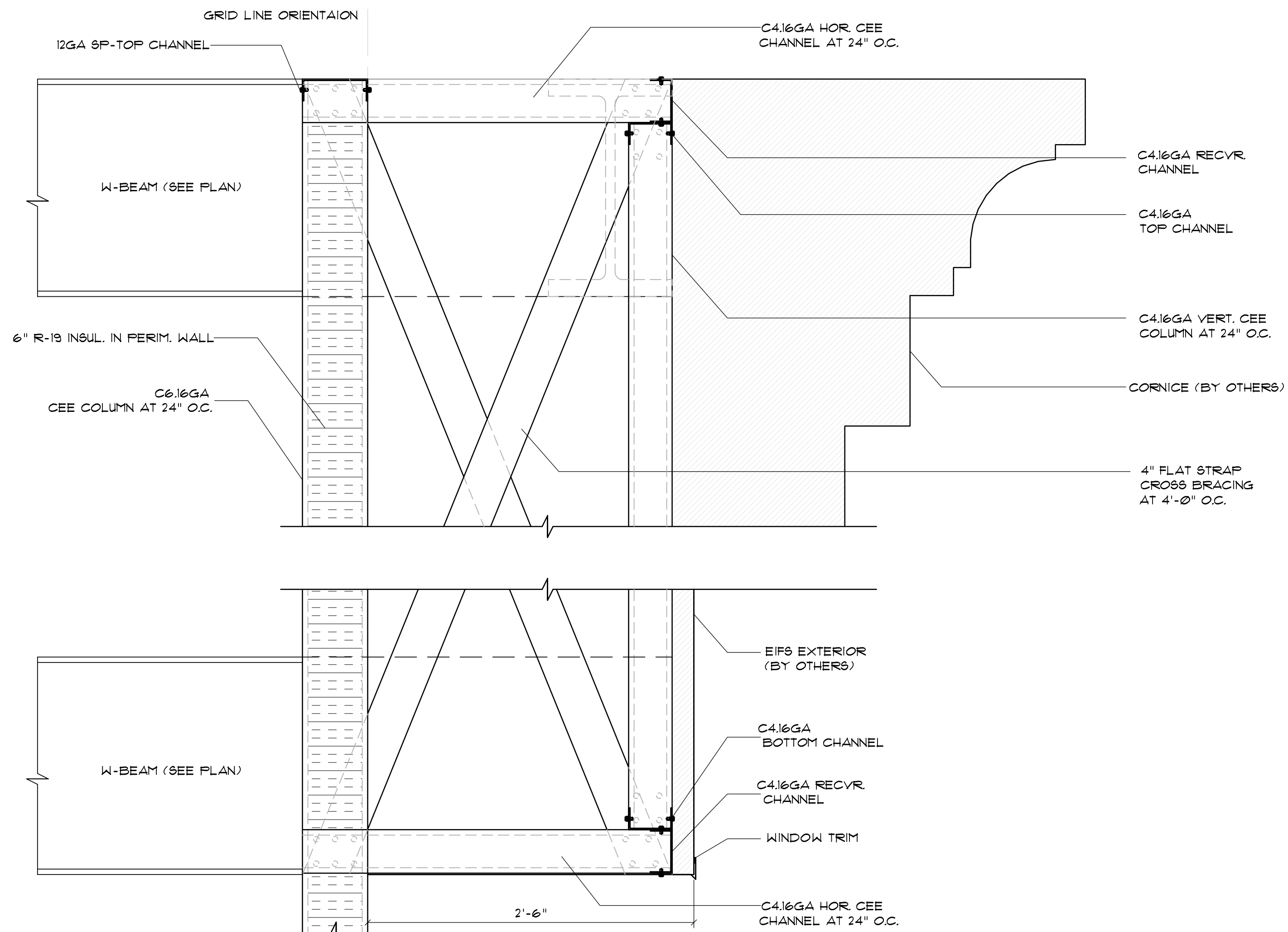
SHEET TITLE
STRUCTURAL
DETAILS
DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-D15

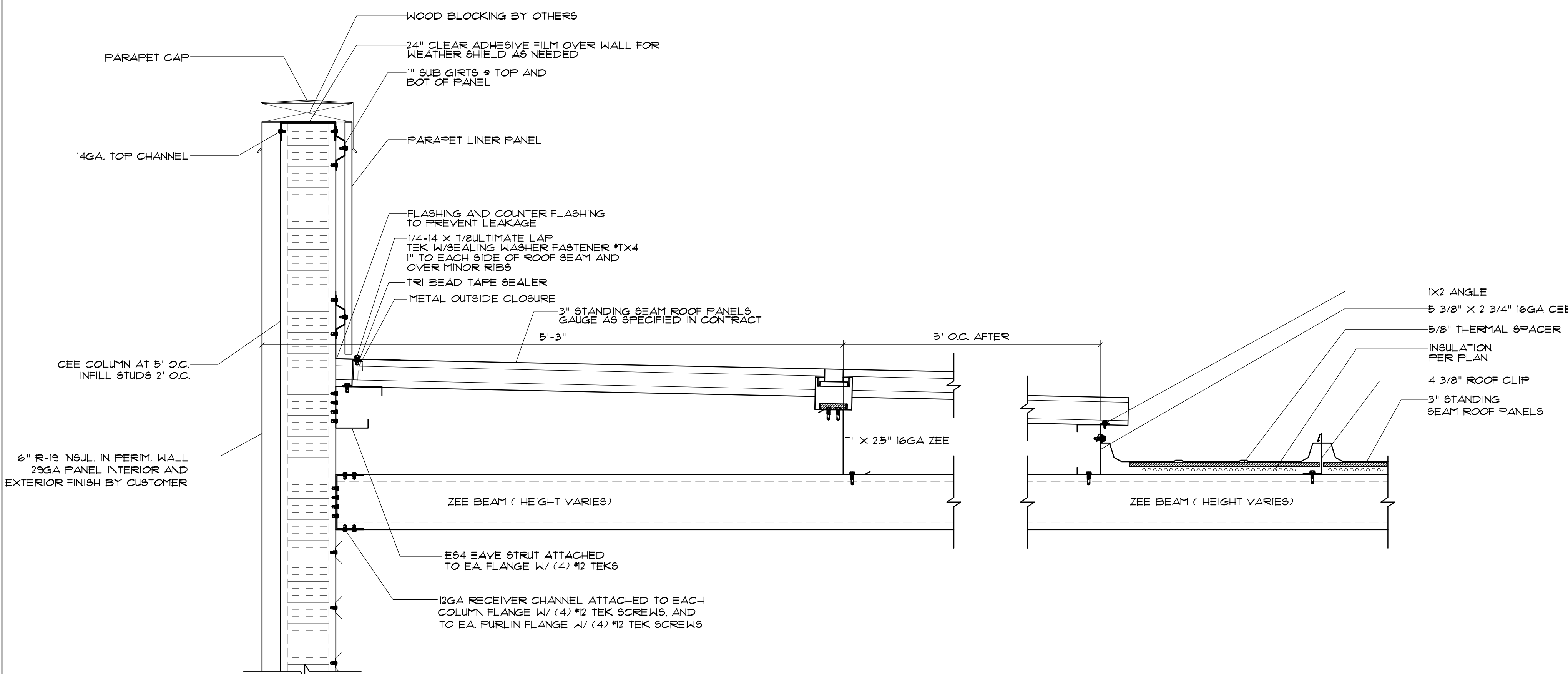
NOTE: APPLY TRI BEAD TAPE SEALANT OVER KNIFE EDGE OF MALE BEAM OF M-LOK PRIOR TO ASSEMBLING OF M-LOK WITH FEMALE PORTION OF BEAM



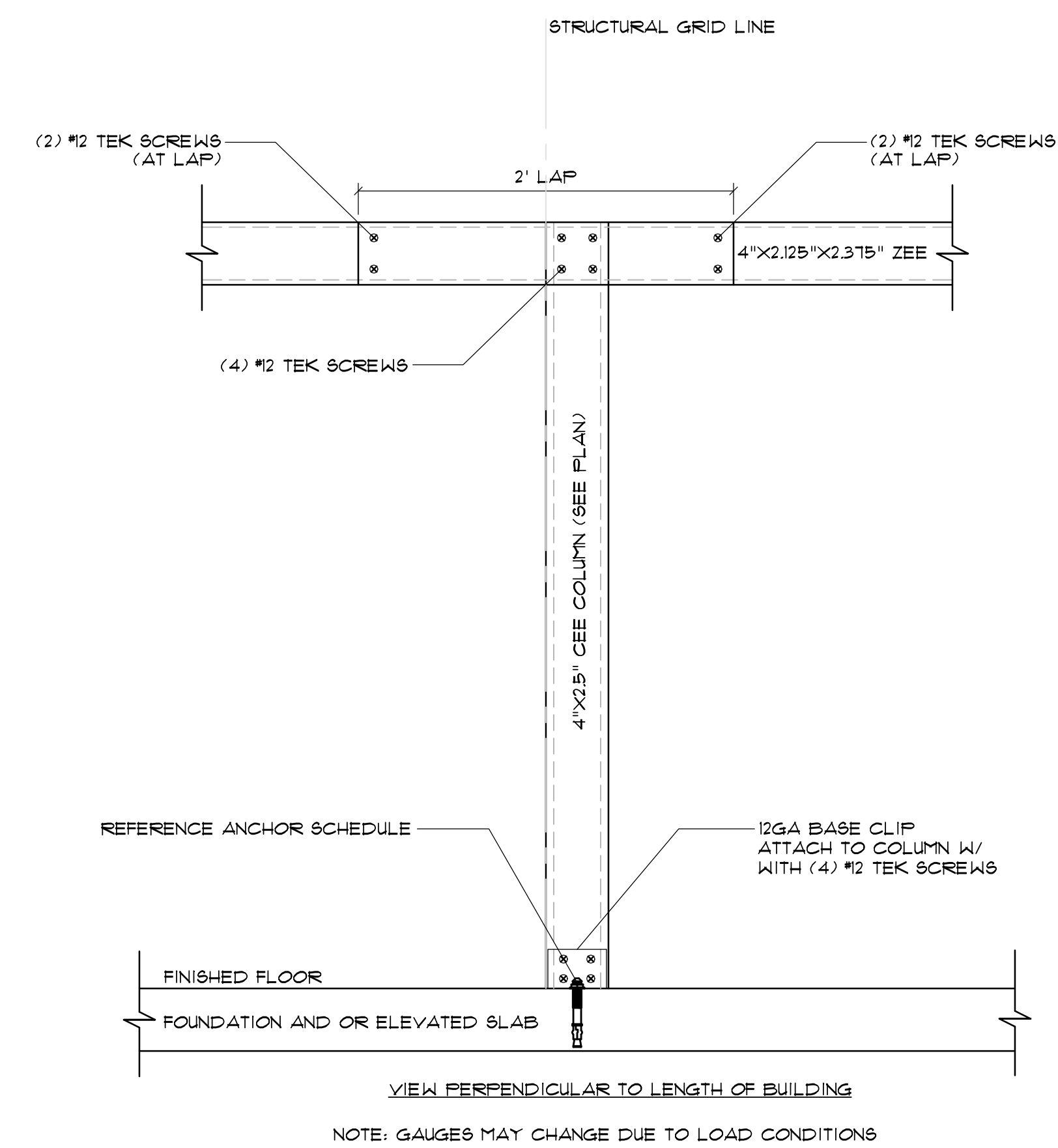
1 ENDWALL PARAPET WALL SECTION WITH R-30 ROOF INSULATION
D16 SCALE: 1/12" = 1'



2 BUMP OUT WALL SECTION @ HIGH EAVE
D16 SCALE: 1/12" = 1'



3 END WALL PARAPET @ TURNED ROOF
D16 SCALE: 1/12" = 1'



4 ZEE BEAM COLUMN CONNECTION 4" CEE AND 4" ZEE
D16 SCALE: 1/12" = 1'



SEALS



350 E CROWN POINT RD. SUITE 1080
WINTER GARDEN, FL 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER: 541-23-VER-FL

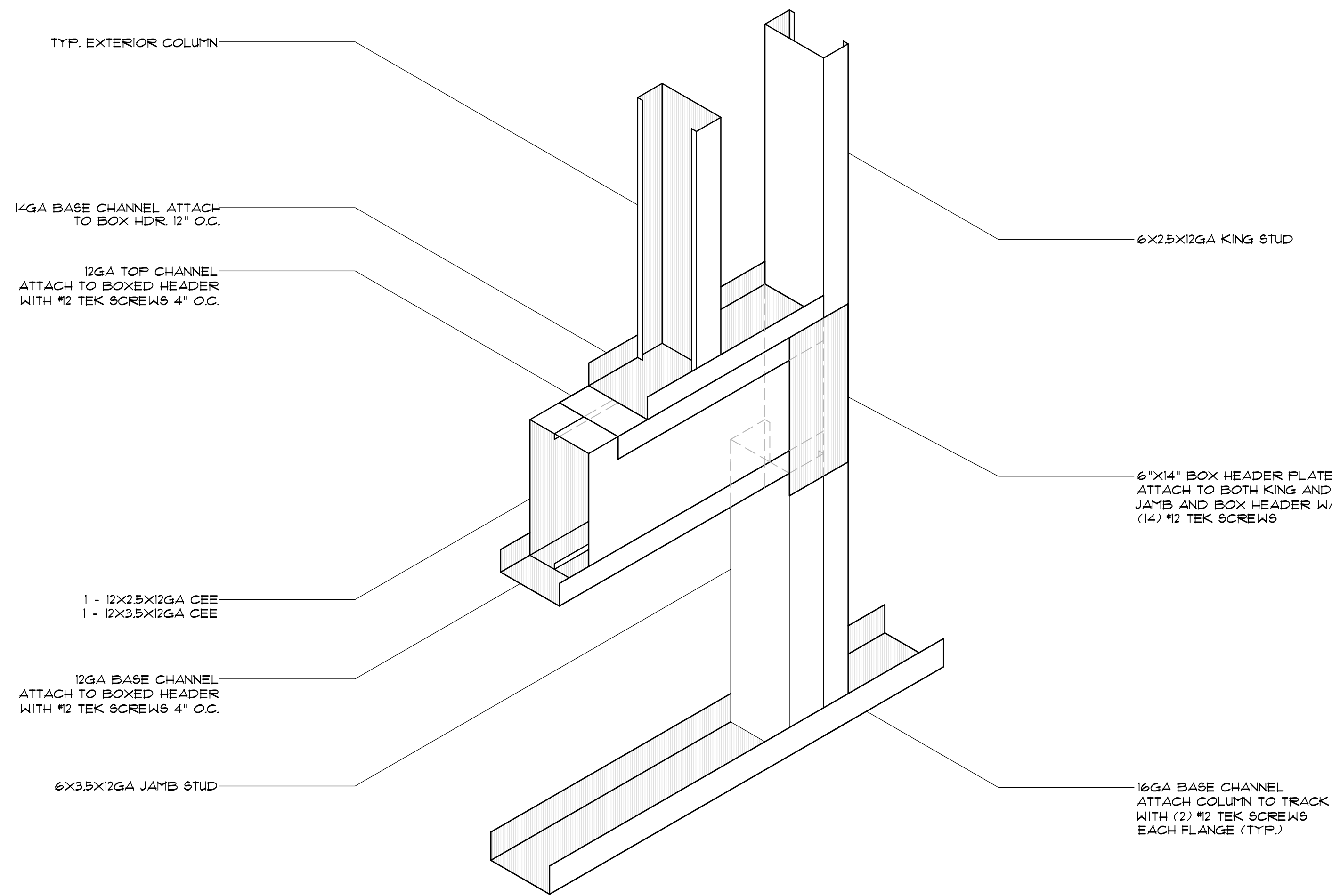
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
STRUCTURAL DETAILS

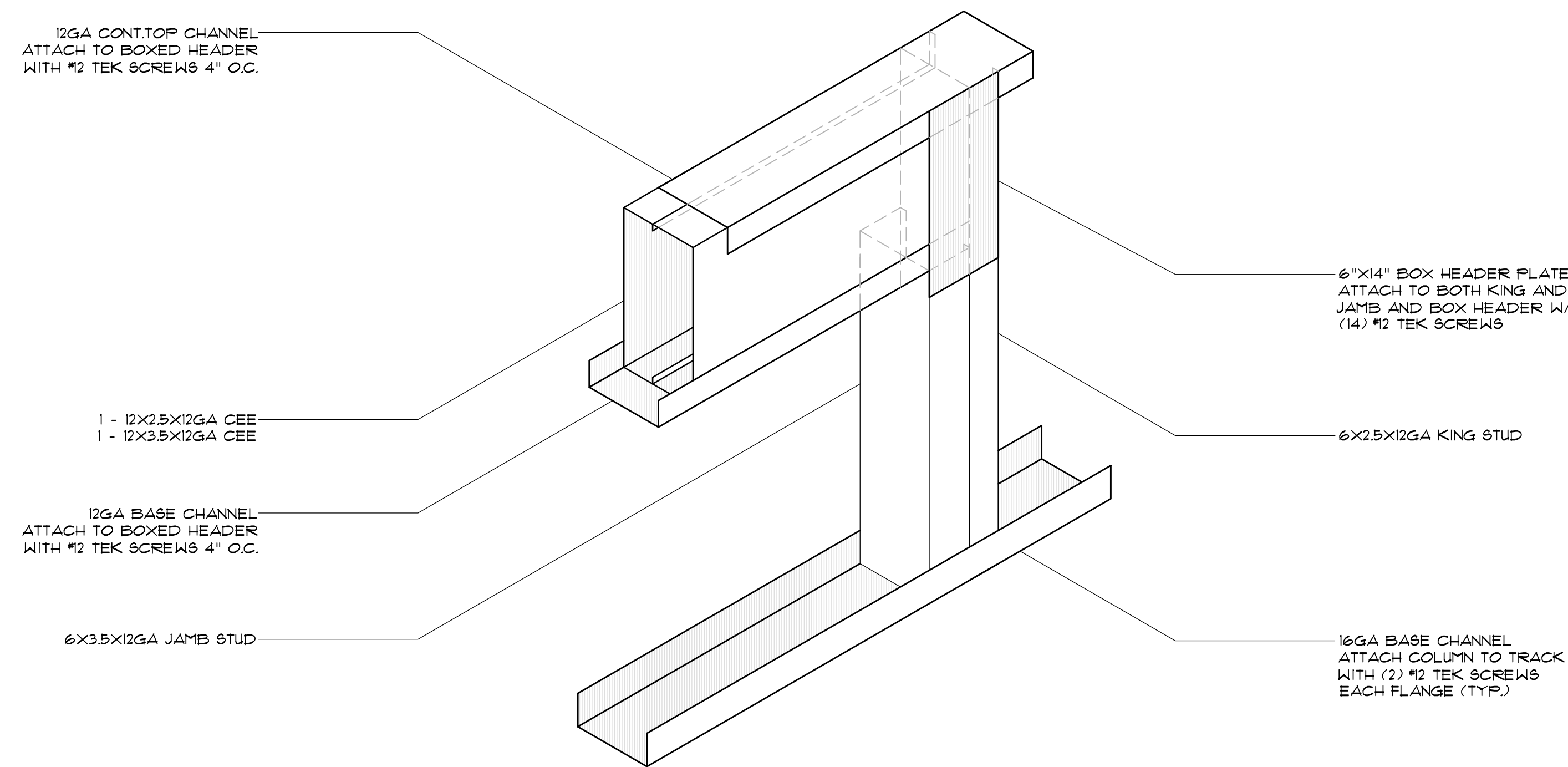
DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-D16



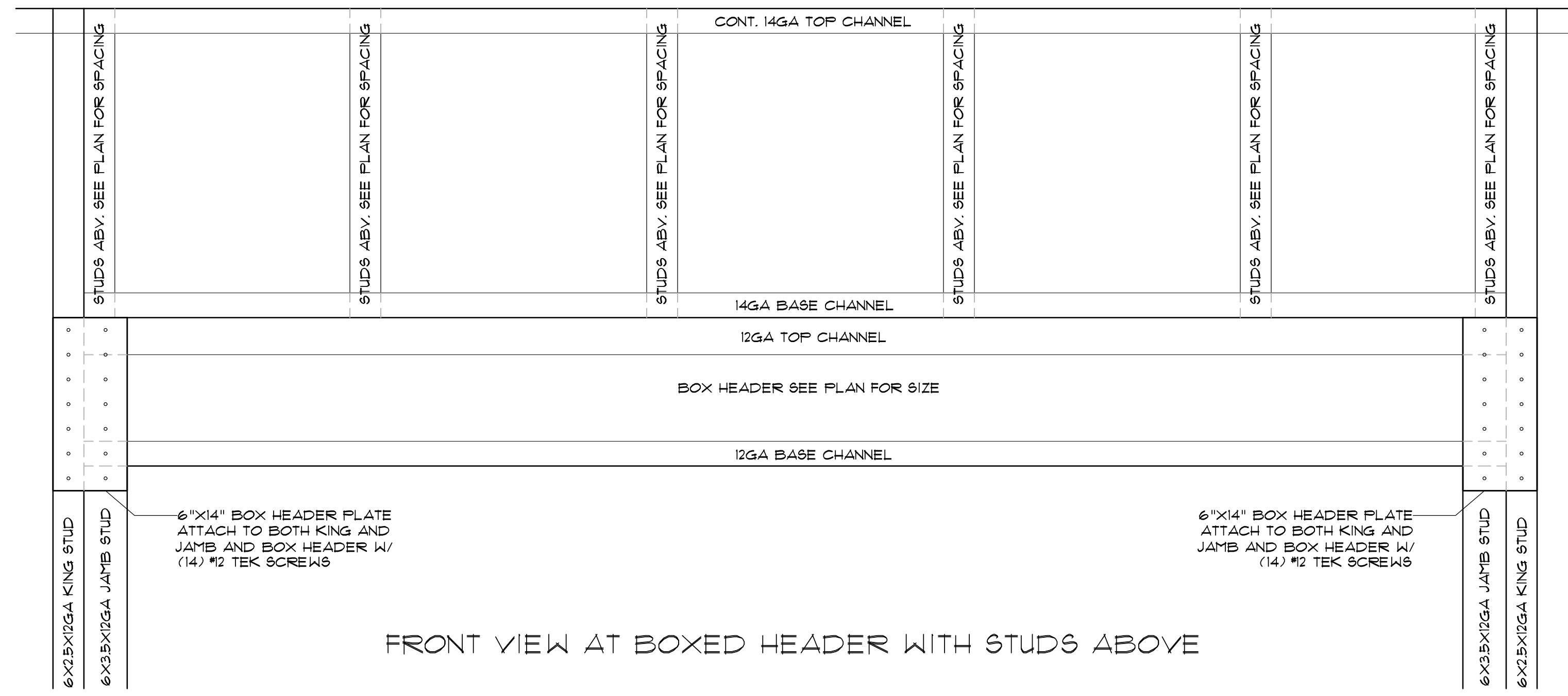
TYPICAL BOXED HEADER DETAILS WITH STUDS ABOVE

SCALE: 1/2" = 1'

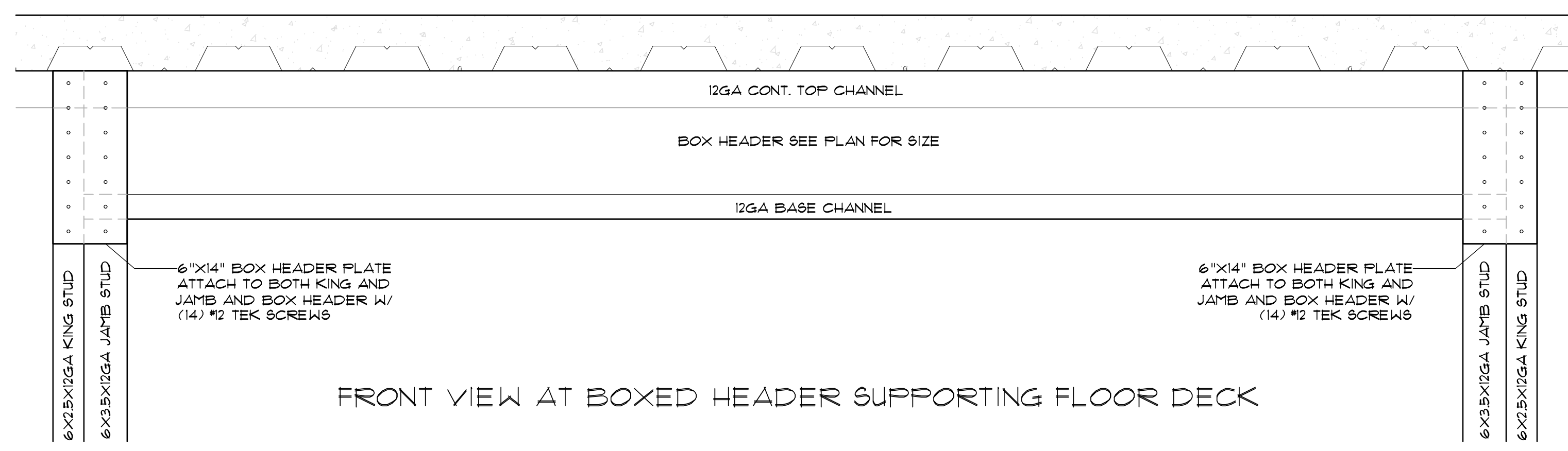


TYPICAL BOXED HEADER DETAILS SUPPORTING FLOOR DECK

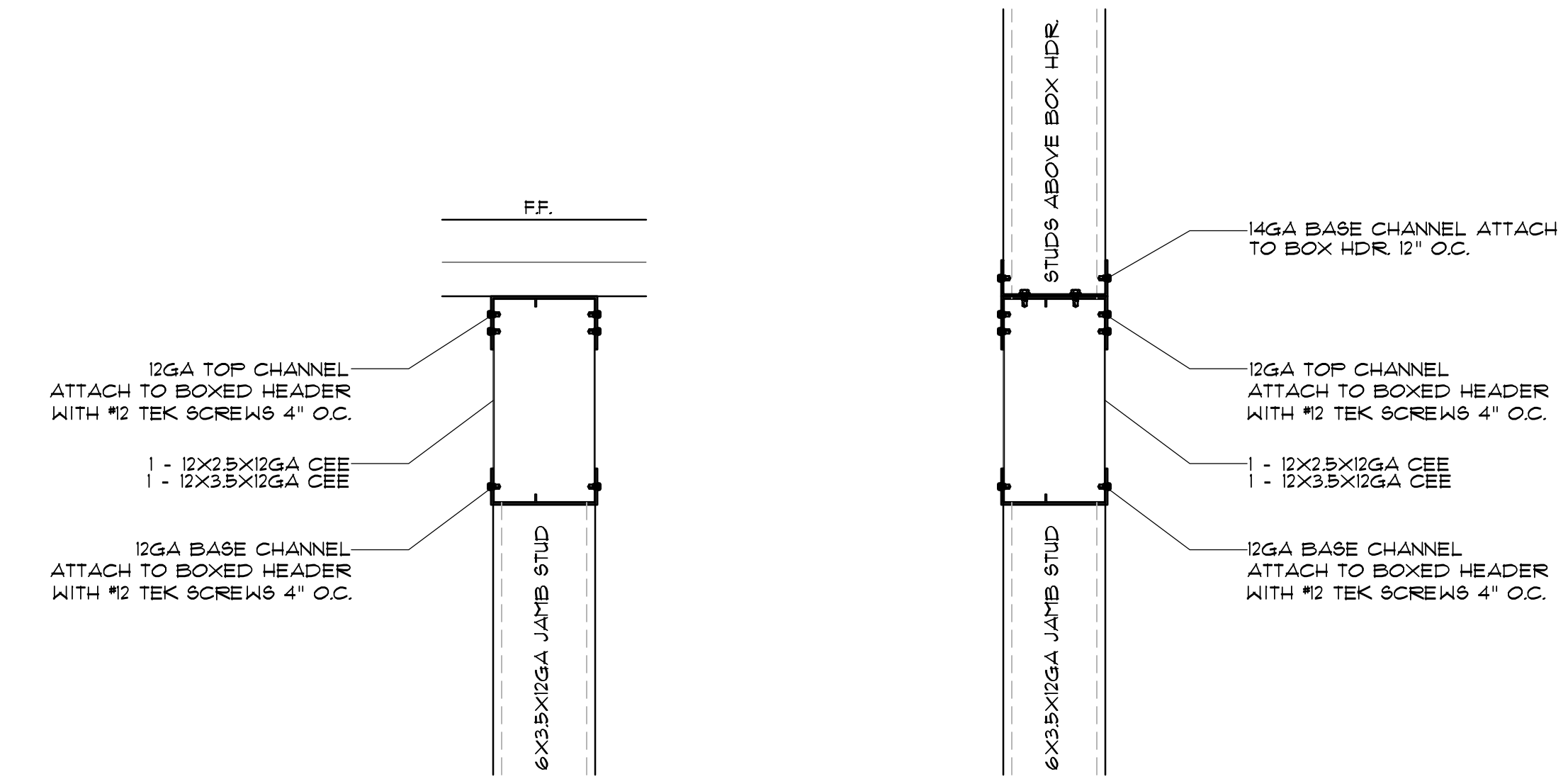
SCALE: 1/2" = 1'



FRONT VIEW AT BOXED HEADER WITH STUDS ABOVE



FRONT VIEW AT BOXED HEADER SUPPORTING FLOOR DECK



SIDE VIEW AT BOXED HEADERS

TYPICAL BOXED HEADER DETAILS

SCALE: 1/2" = 1'



SEALS



350 E CROWN POINT RD. SUITE 1000 WINTER GARDEN, FL. 34181 PHONE: (407) 341-9614

JOB NUMBER: 541-23-VER-FL

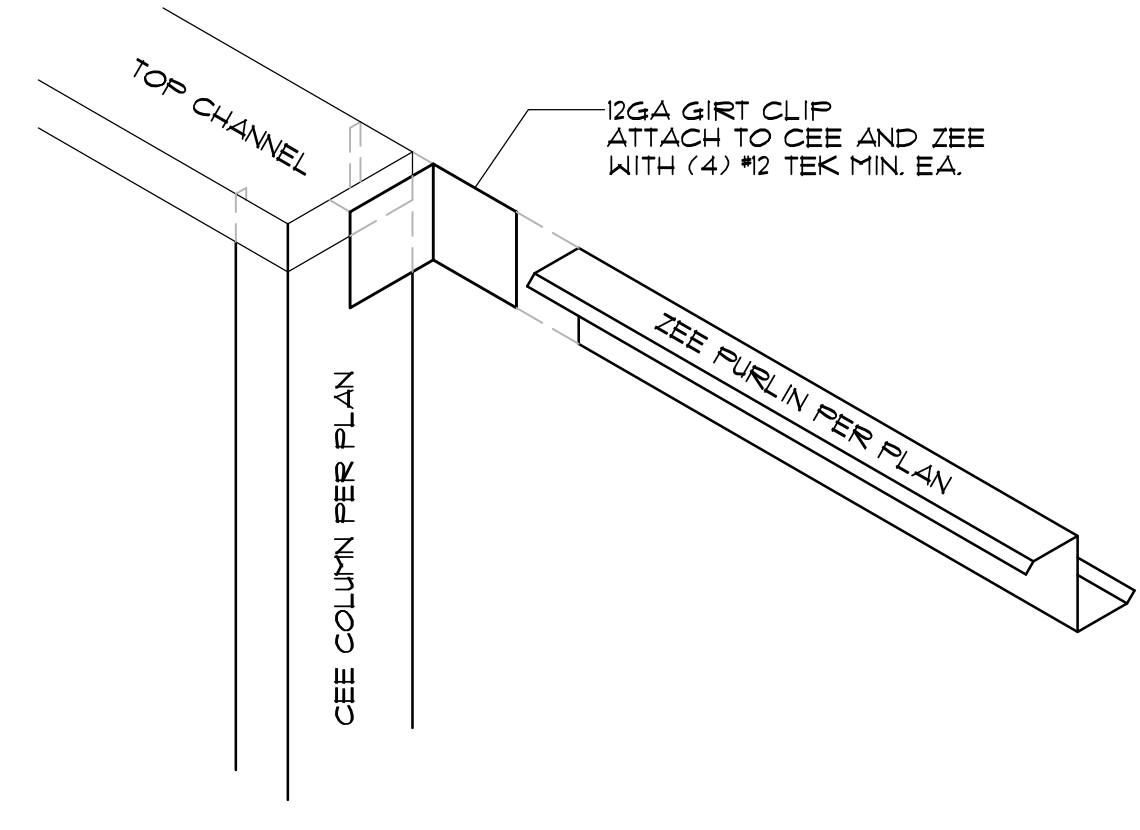
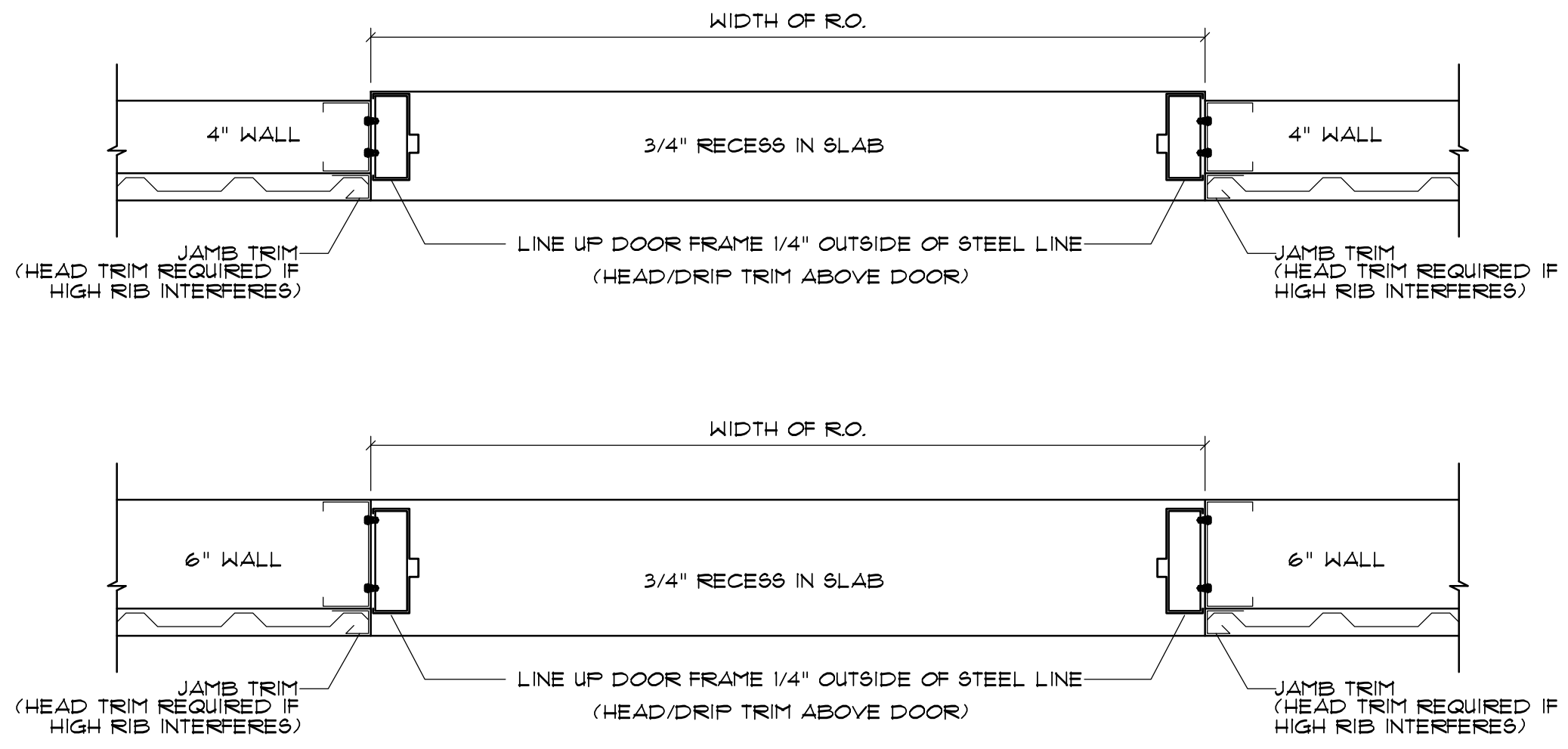
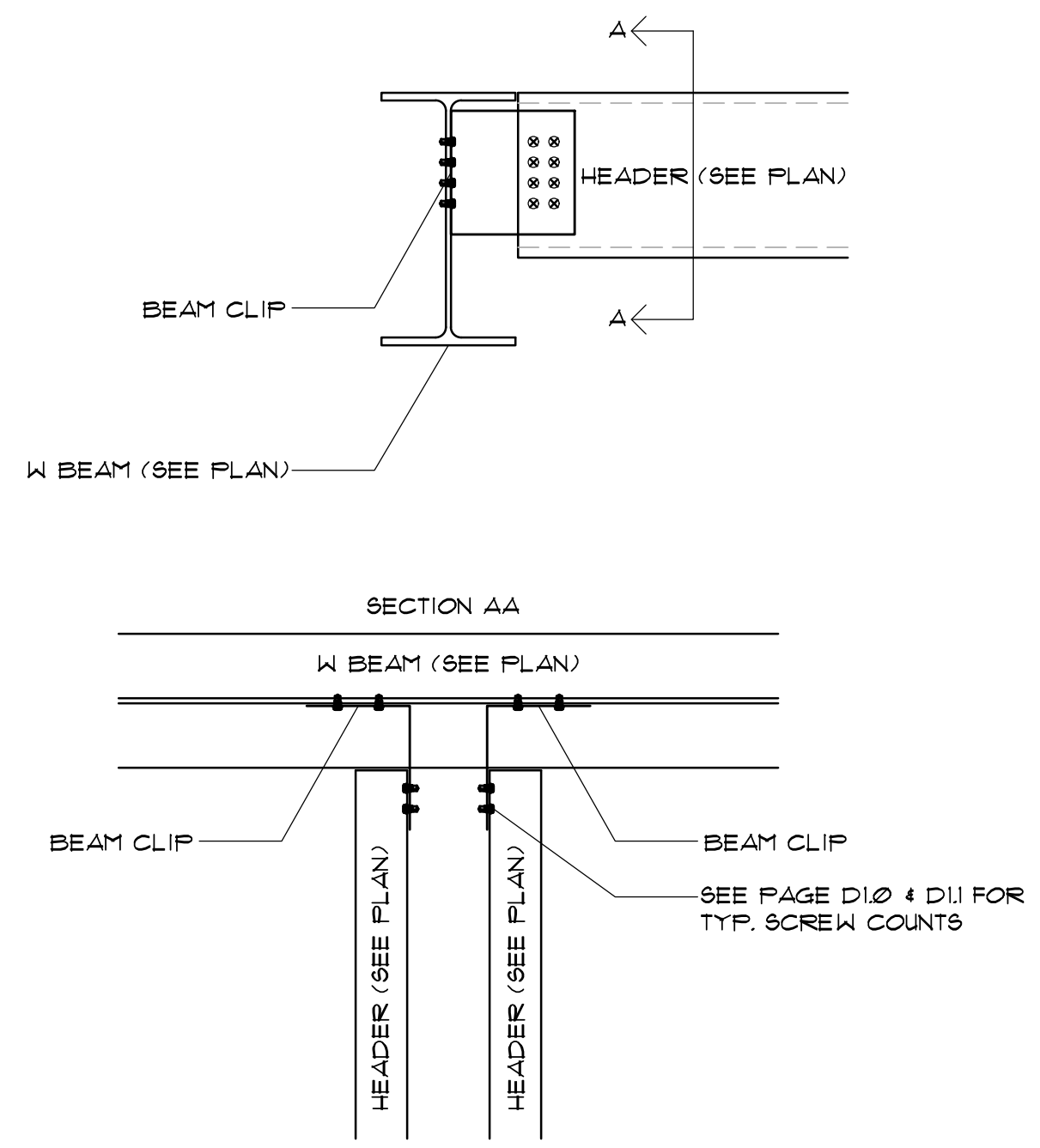
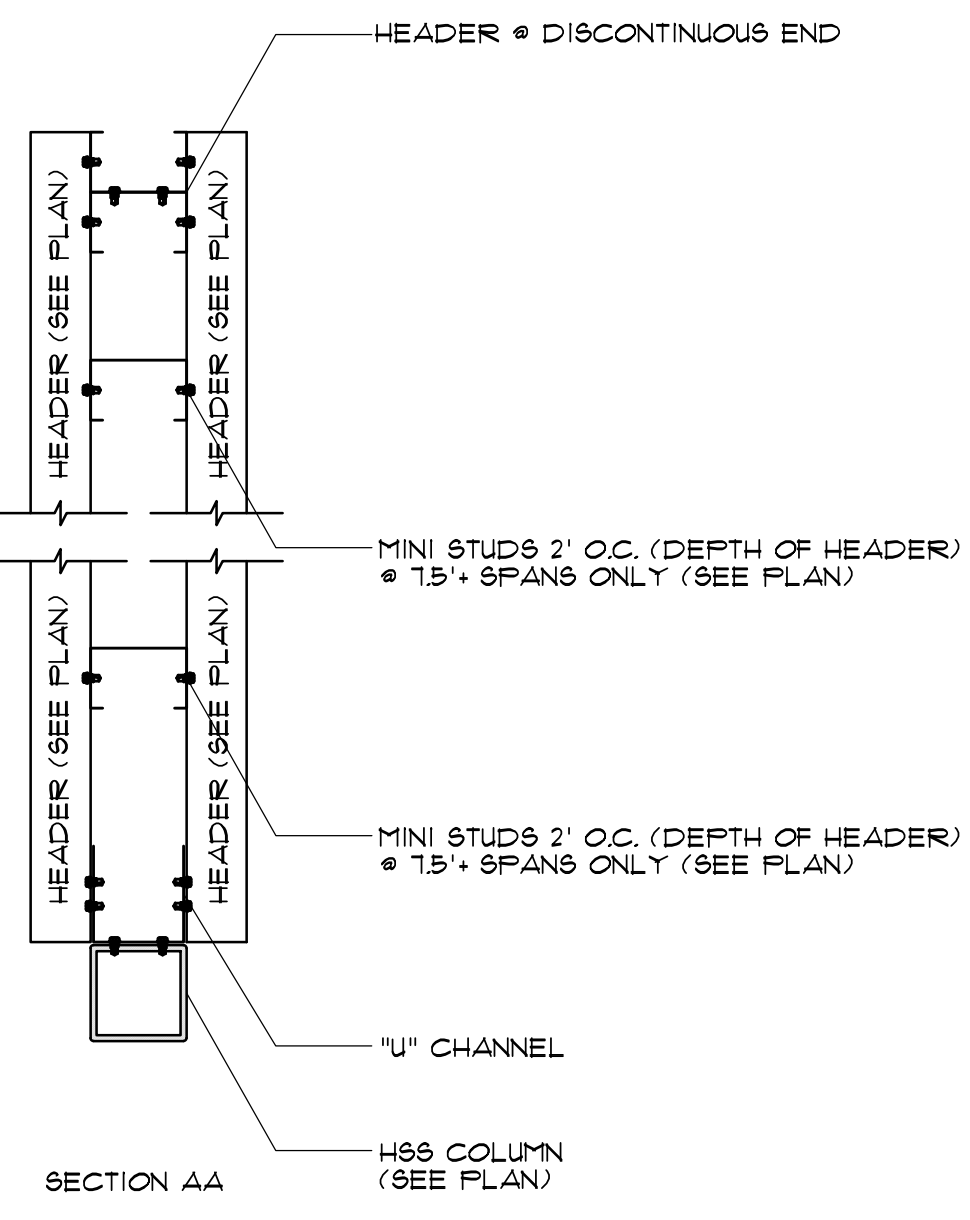
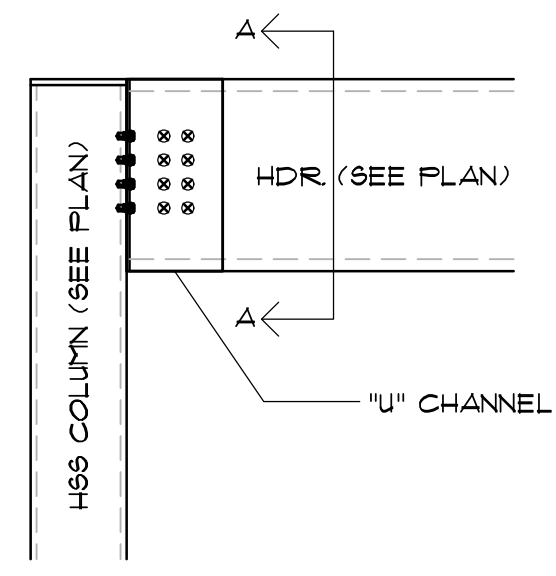
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
STRUCTURAL DETAILS

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-D1.1

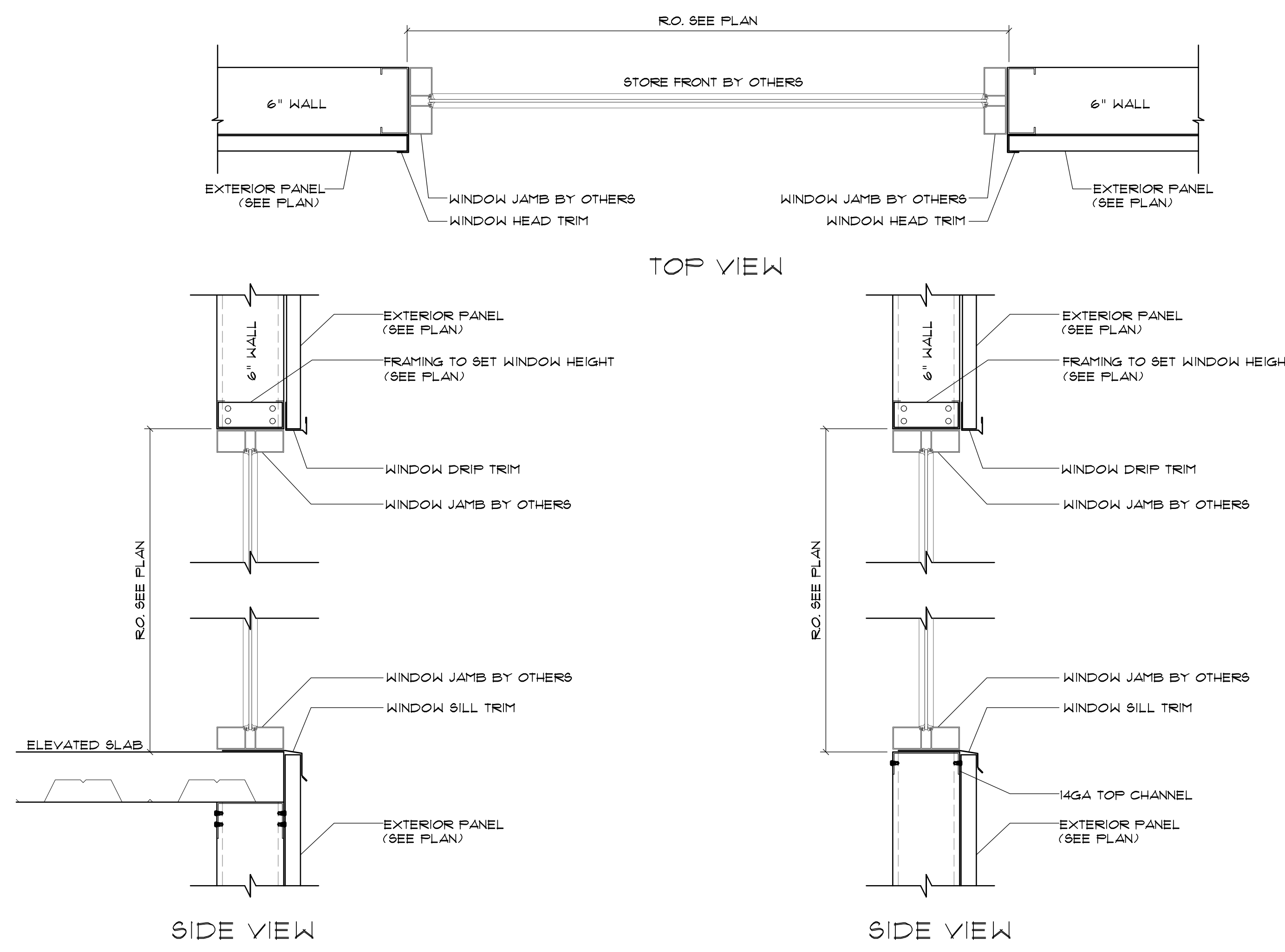


TYPICAL DOUBLE HEADER TO H89 COLUMN CONNECTION
SCALE: 1 1/2" = 1'

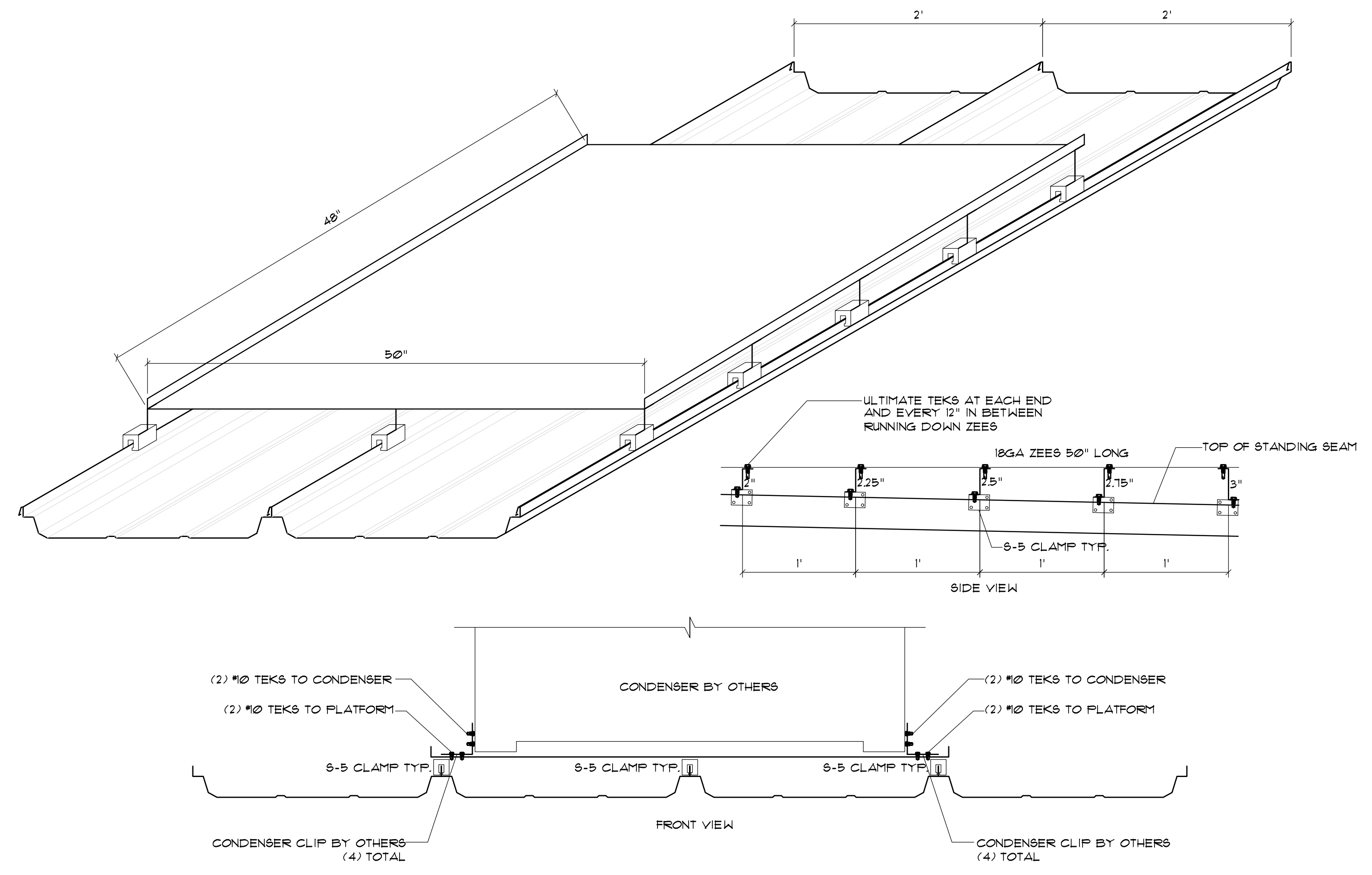
TYPICAL DOUBLE HEADER TO W BEAM CONNECTION
SCALE: 1 1/2" = 1'

EXTERIOR 4 RECESSED ENTRY PERSONNEL DOOR DETAIL
SCALE: 1 1/2" = 1'

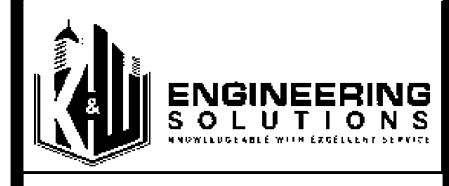
ZEE PURLIN TO INSULATED WALL IN BASE & TOP CHANNEL
SCALE: 1 1/2" = 1'



TYPICAL TRIM AROUND WINDOWS
SCALE: 1 1/2" = 1'



TYPICAL ROOF PLATFORM DETAIL FOR 24" ROOF SHEETS @ CONDENSER UNITS
SCALE: 1/2" = 1'



SEALS



390 E CROWN POINT RD.
SUITE 1080
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614
INFO@RAPIDBUILDINGSOLUTIONS.COM

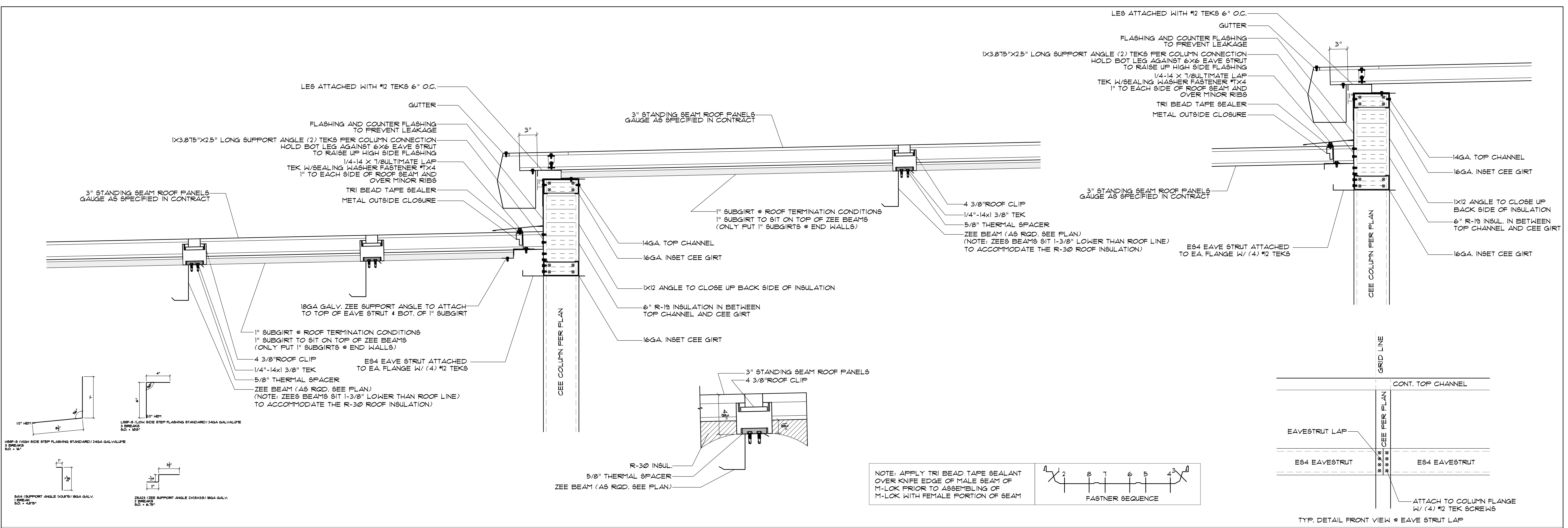
JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

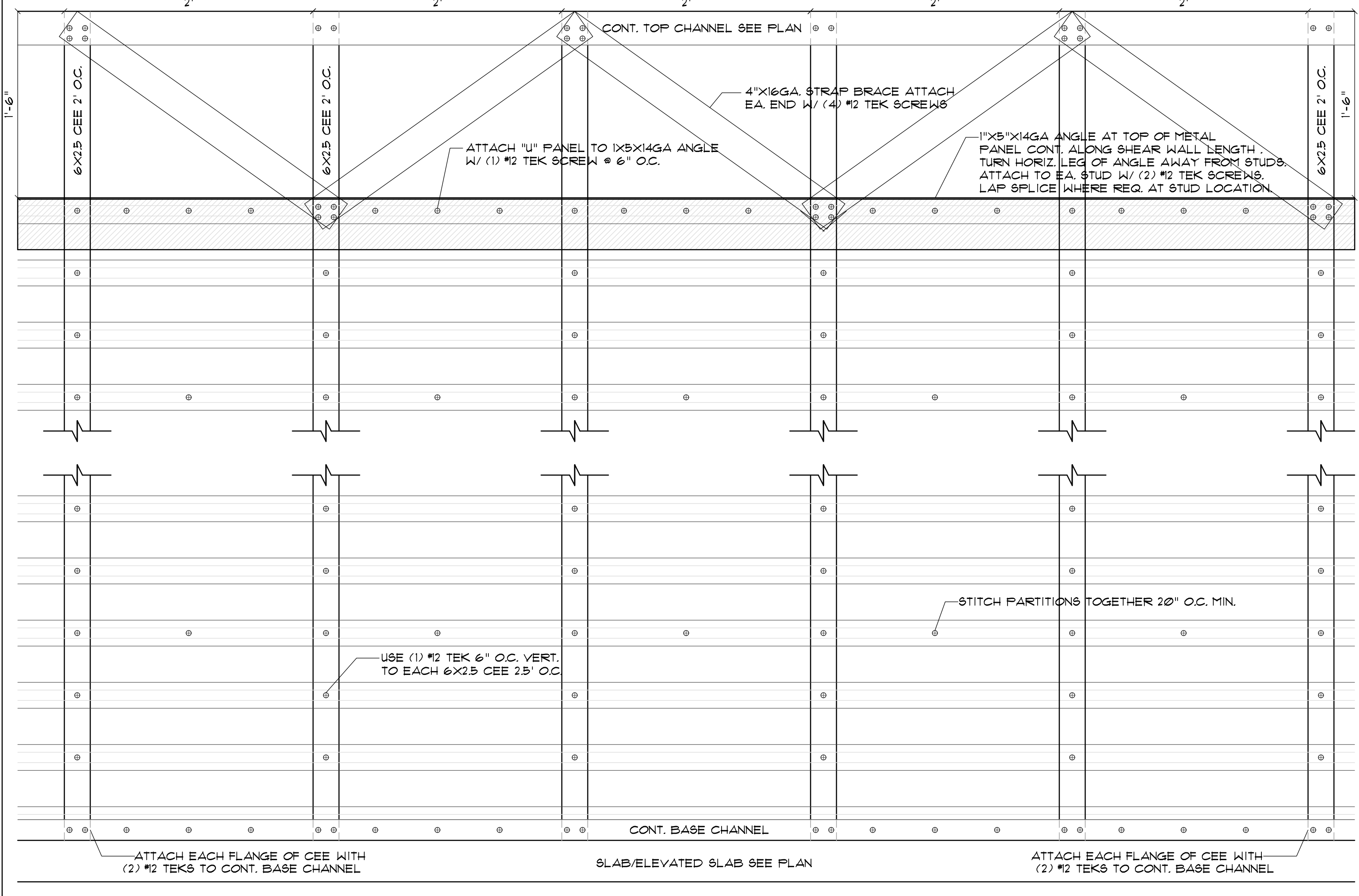
SHEET TITLE
STRUCTURAL DETAILS
DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-D18



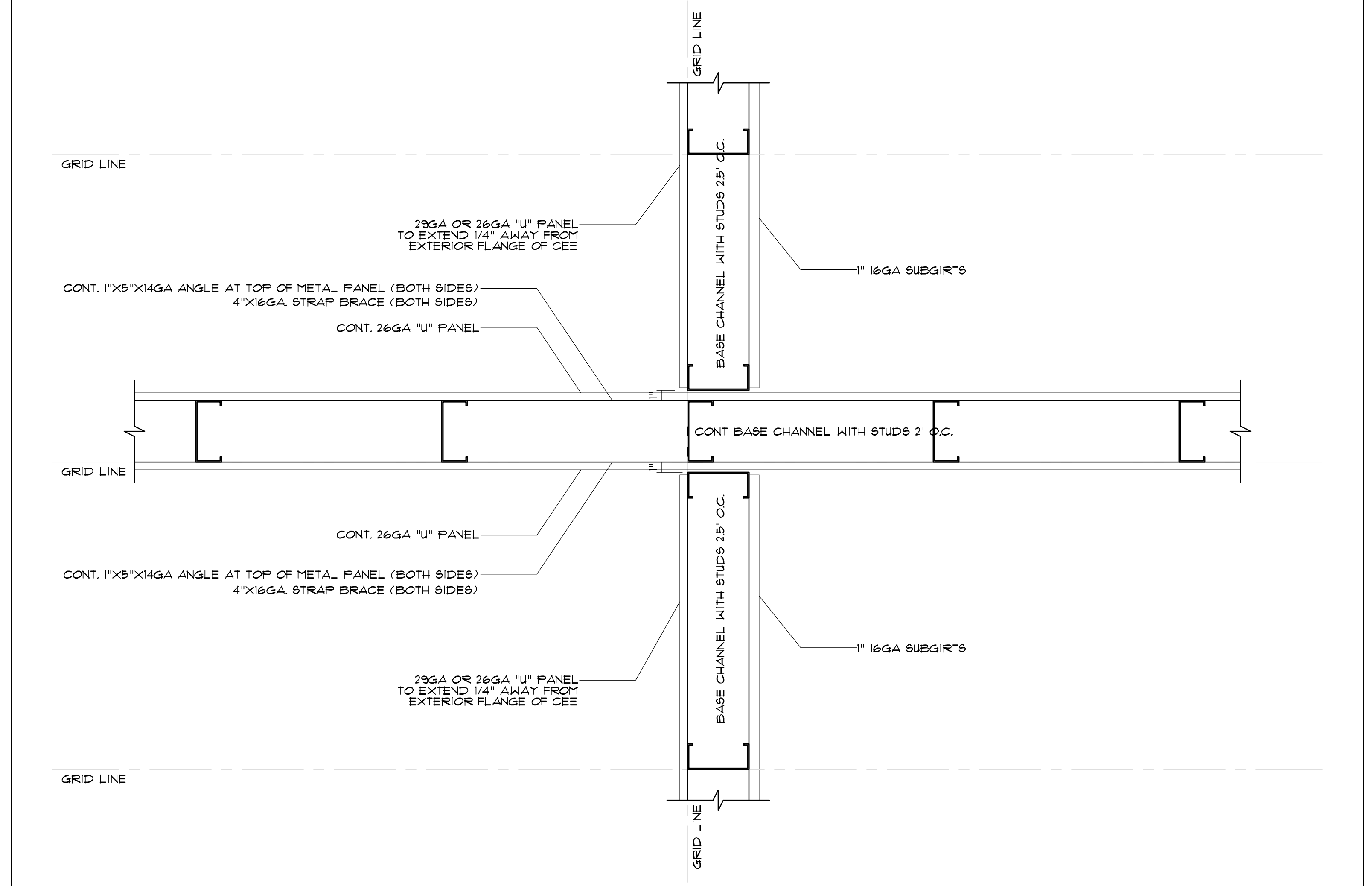
TYP. DETAIL OF ROOF STEP @ ENDWALL TERMINATION SHOWING 1" SUBGIRTS WITH R-30 ROOF INSULATION

SCALE: 1 1/2" = 1'



TYP. DETAIL OF CONT. SHEAR WALL WITH "U" PANEL EITHER SIDE AND 4" STRAPPING ABV.

SCALE: 1 1/2" = 1'



TYP. DETAIL OF CONT. SHEAR WALL WITH "U" PANEL EITHER SIDE AND 4" STRAPPING ABV. (TOP VIEW)

SCALE: 1 1/2" = 1'

ENGINEERING SOLUTIONS

350 E CROWN POINT RD. SUITE 1000 WINTER GARDEN, FL 34181 PHONE: (407) 341-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER: 541-23-VER-FL

STORAGE RENTALS OF AMERICA 1801 U.S. HIGHWAY 1 & 85T 18TH PLACE VERO BEACH, FL 32960

RAPID BUILDING SOLUTIONS

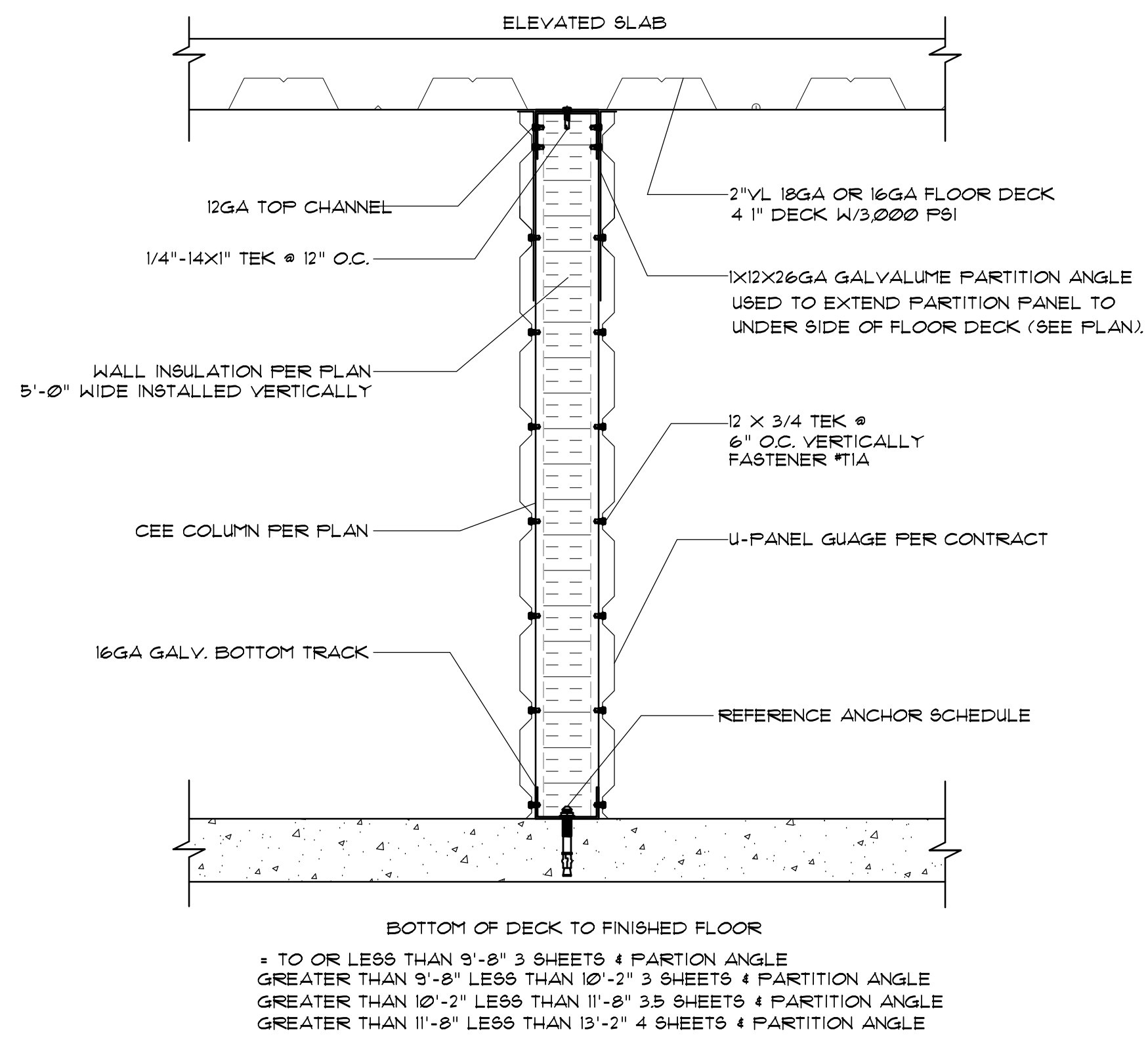
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

STRUCTURAL DETAILS

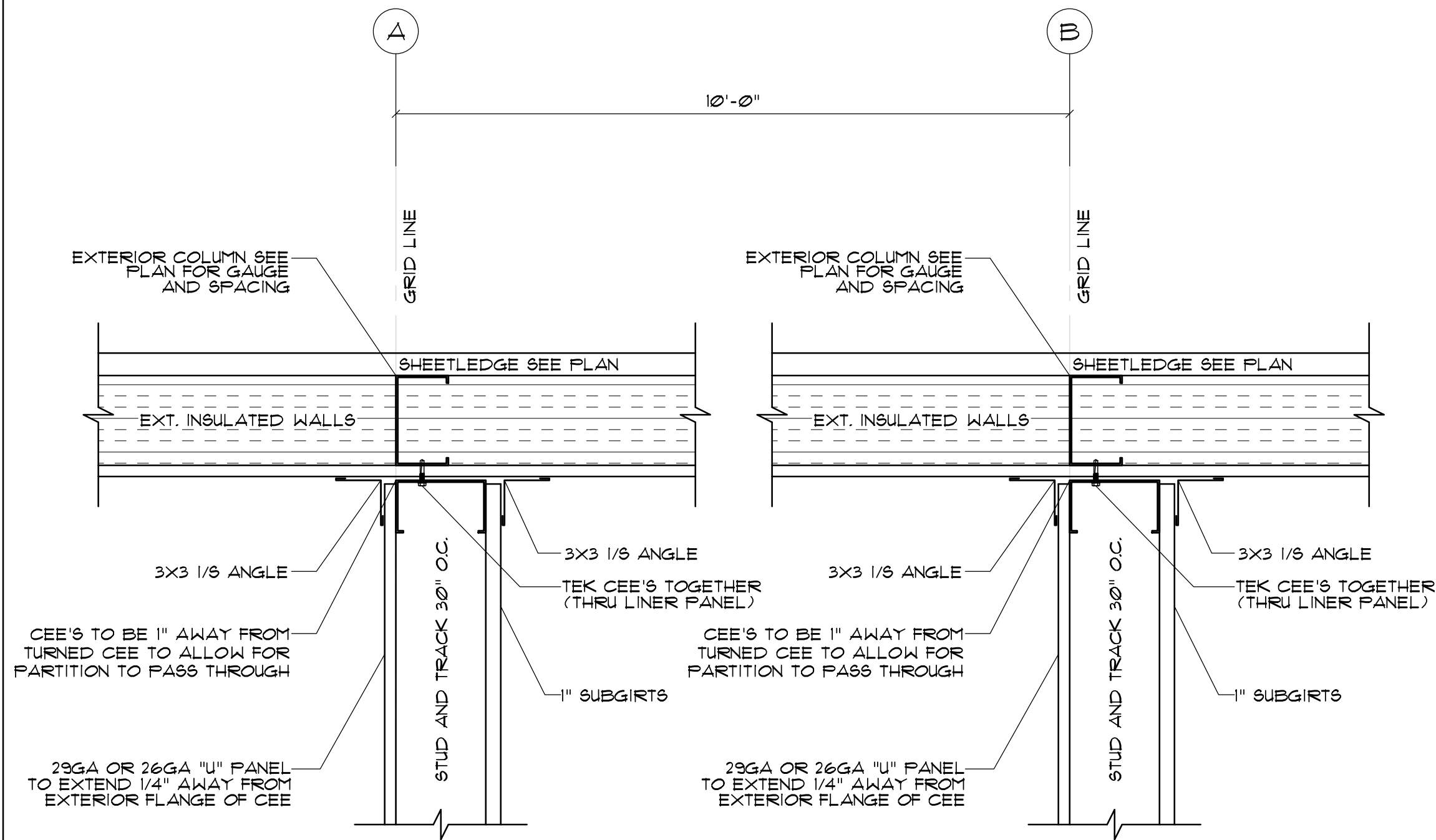
DATE: 01-10-24
 DESIGNED BY: RBS
 CHECKED BY: RBS
 DRAWN BY: APB
 SCALE: AS NOTED
 SHEET

RBS-D.1.9



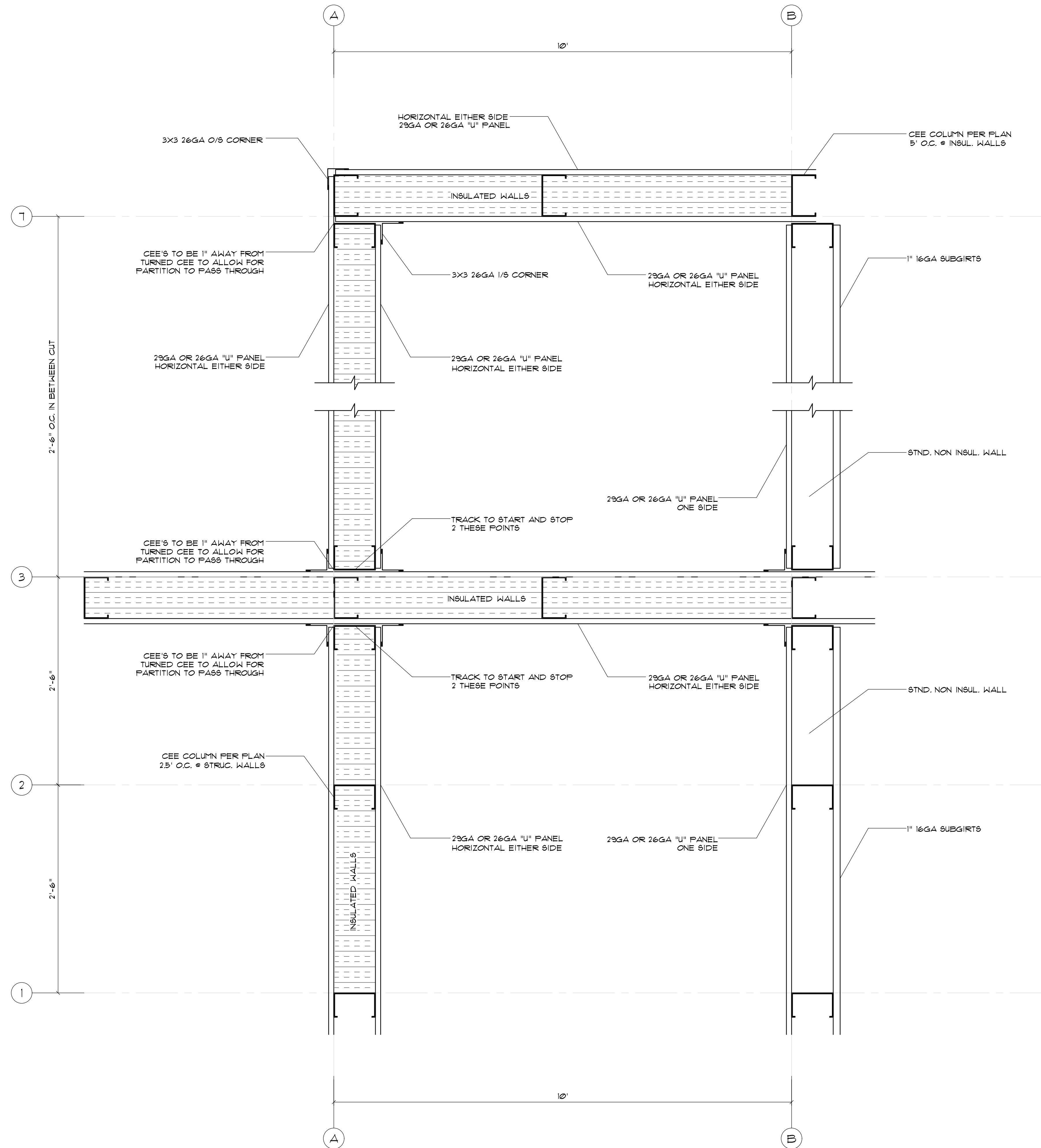
INTERIOR INSULATED WALL RUNNING UNDER FLOOR DECK

SCALE: 1/2" = 1'



TYPICAL SECTION AT EXTERIOR INSULATED WALL PARTITION INTERSECTION

SCALE: 1/2" = 1'



TYPICAL SECTION AT BOTTOM FLOOR INSULATED WALLS (MULTI STORY)

SCALE: 1/2" = 1'



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
Δ	11-29-23	ELEV REVISION	AB

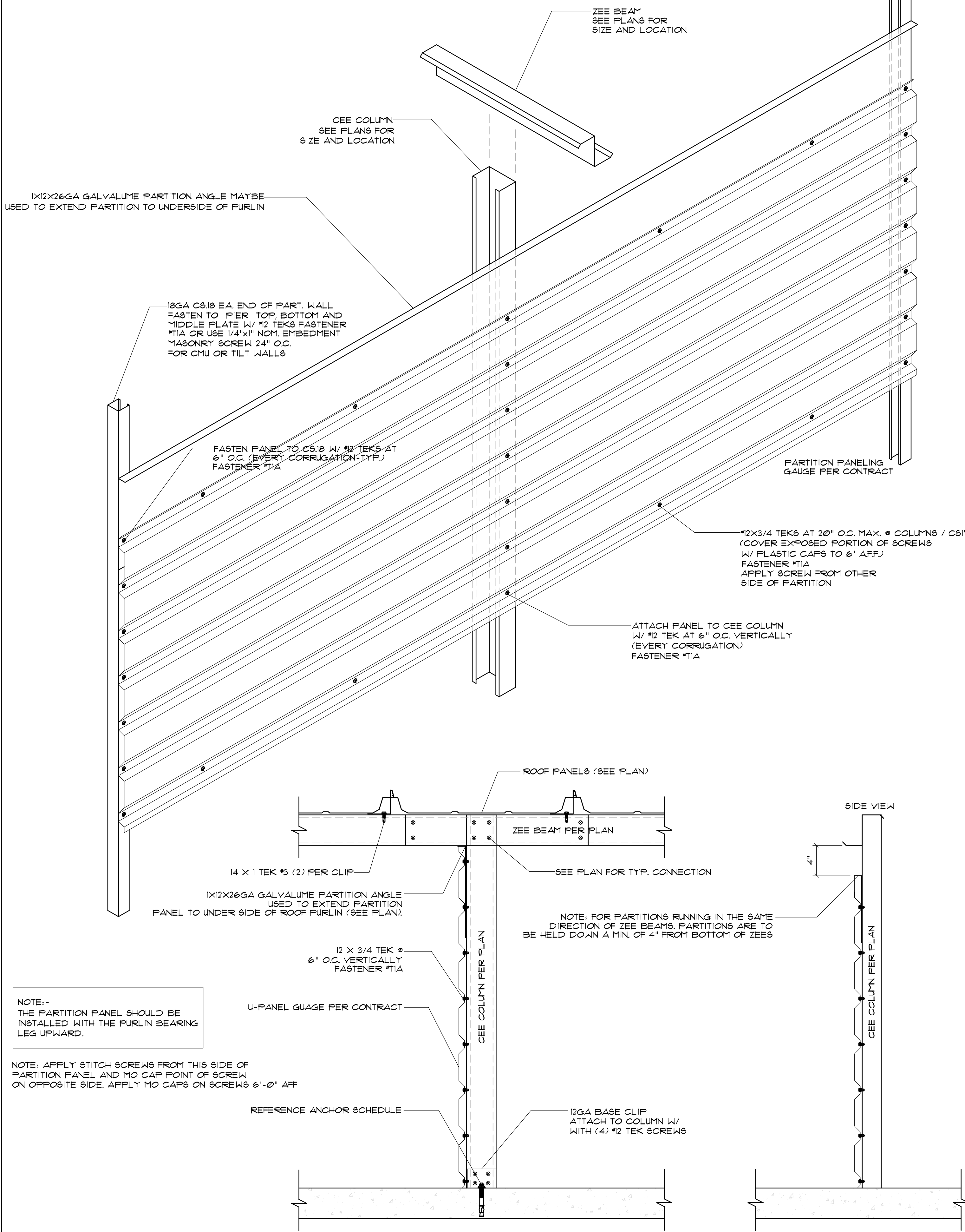
SHEET TITLE

STRUCTURAL
DETAILS

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-D1.10

NOTE: PARTITION PANEL HEIGHTS VARY



NOTE: - THE PARTITION PANEL SHOULD BE INSTALLED WITH THE FURLIN BEARING LEG UPWARD.

NOTE: APPLY STITCH SCREWS FROM THIS SIDE OF PARTITION PANEL AND NO CAP POINT OF SCREW ON OPPOSITE SIDE. APPLY NO CAPS ON SCREWS 6'-0" AFF

REFERENCE ANCHOR SCHEDULE

12GA BASE CLIP ATTACH TO COLUMN W/ WITH (4) #12 TEK SCREWS

12 X 3/4 TEK #6 O.C. VERTICALLY FASTENER #1A

14 X 1 TEK #3 (2) PER CLIP

1X12X26GA GALVALUME PARTITION ANGLE USED TO EXTEND PARTITION PANEL TO UNDER SIDE OF ROOF FURLIN (SEE PLAN).

SEE PLAN FOR TYP. CONNECTION

ZEE BEAM PER PLAN

ROOF PANELS (SEE PLAN)

SEE PLAN FOR TYP. CONNECTION

NOTE: FOR PARTITIONS RUNNING IN THE SAME DIRECTION OF ZEE BEAMS, PARTITIONS ARE TO BE HELD DOWN A MIN. OF 4" FROM BOTTOM OF ZEE'S

U-PANEL GAUGE PER CONTRACT

CEE COLUMN PER PLAN

12 X 3/4 TEK #6 O.C. VERTICALLY FASTENER #1A

12 X 3/4 TEK #6 O.C. MAX. @ COLUMNS / CS18 (COVER EXPOSED PORTION OF SCREWS W/ PLASTIC CAPS TO 6" AFF.) FASTENER #1A APPLY SCREW FROM OTHER SIDE OF PARTITION

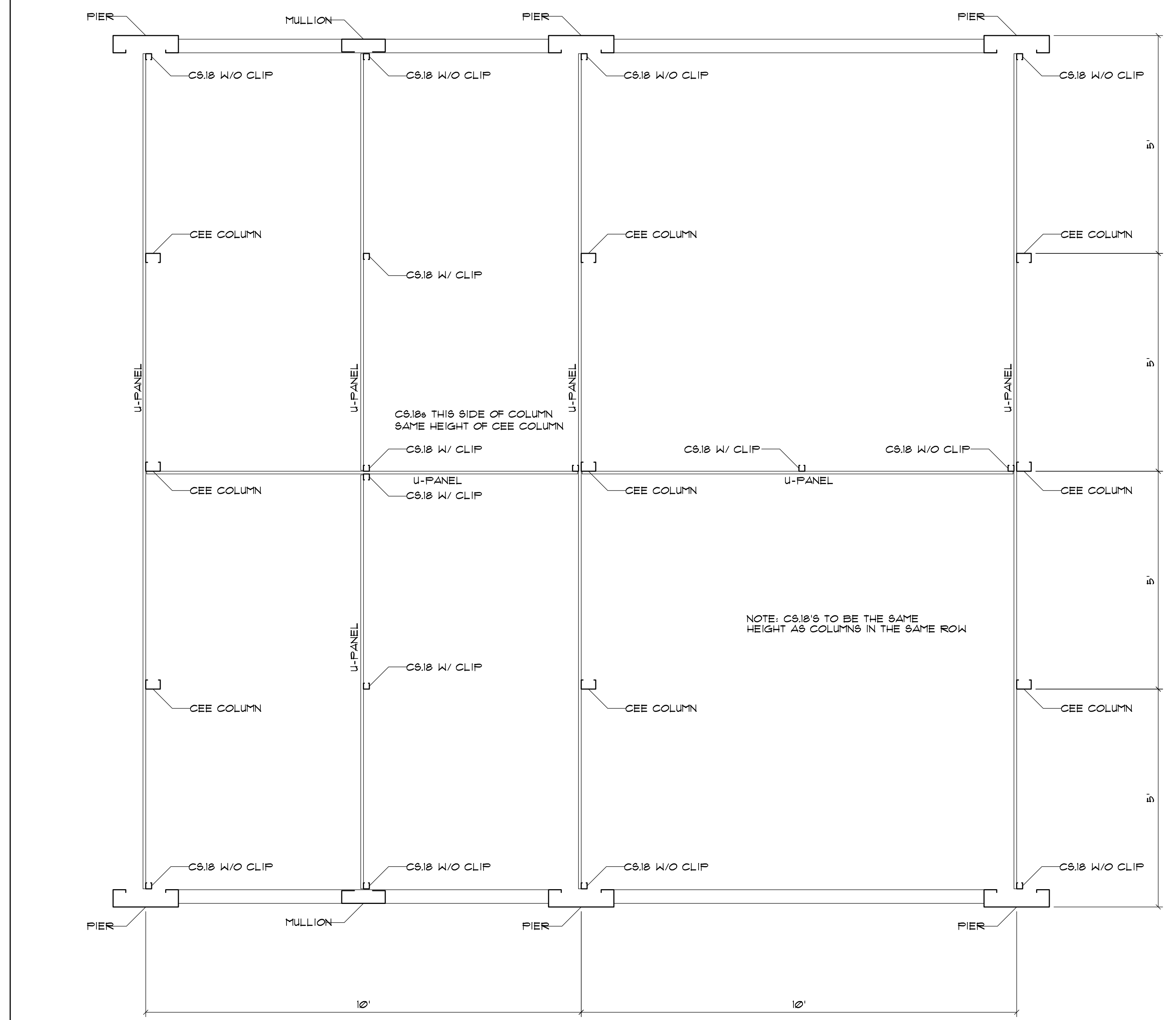
PARTITION PANELING GAUGE PER CONTRACT

ATTACH PANEL TO CEE COLUMN W/ #12 TEK AT 6" O.C. VERTICALLY (EVERY CORRUGATION) FASTENER #1A

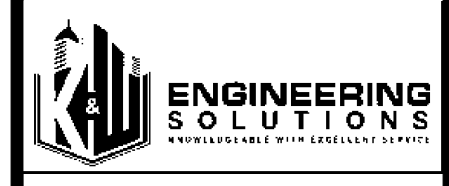
FASTEN PANEL TO CS18 W/ #12 TEK'S AT 6" O.C. (EVERY CORRUGATION-TYP.) FASTENER #1A

10GA CS18 EA. END OF PART. WALL FASTEN TO PIER TOP, BOTTOM AND MIDDLE PLATE W/ #12 TEK'S FASTENER #1A OR USE 1/4" NOM. EMBEDMENT MASONRY SCREW 24" O.C. FOR CMU OR TILT WALLS

SCALE: 1/2" = 1'



GENERIC FRAMING FOR PARTITIONS WITH CROSS PARTITIONS (N.T.S.)



SEALS



350 E CROWN POINT RD. SUITE 1080 WINTER GARDEN, FL. 34181 PHONE: (407) 341-9614

JOB NUMBER: 541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

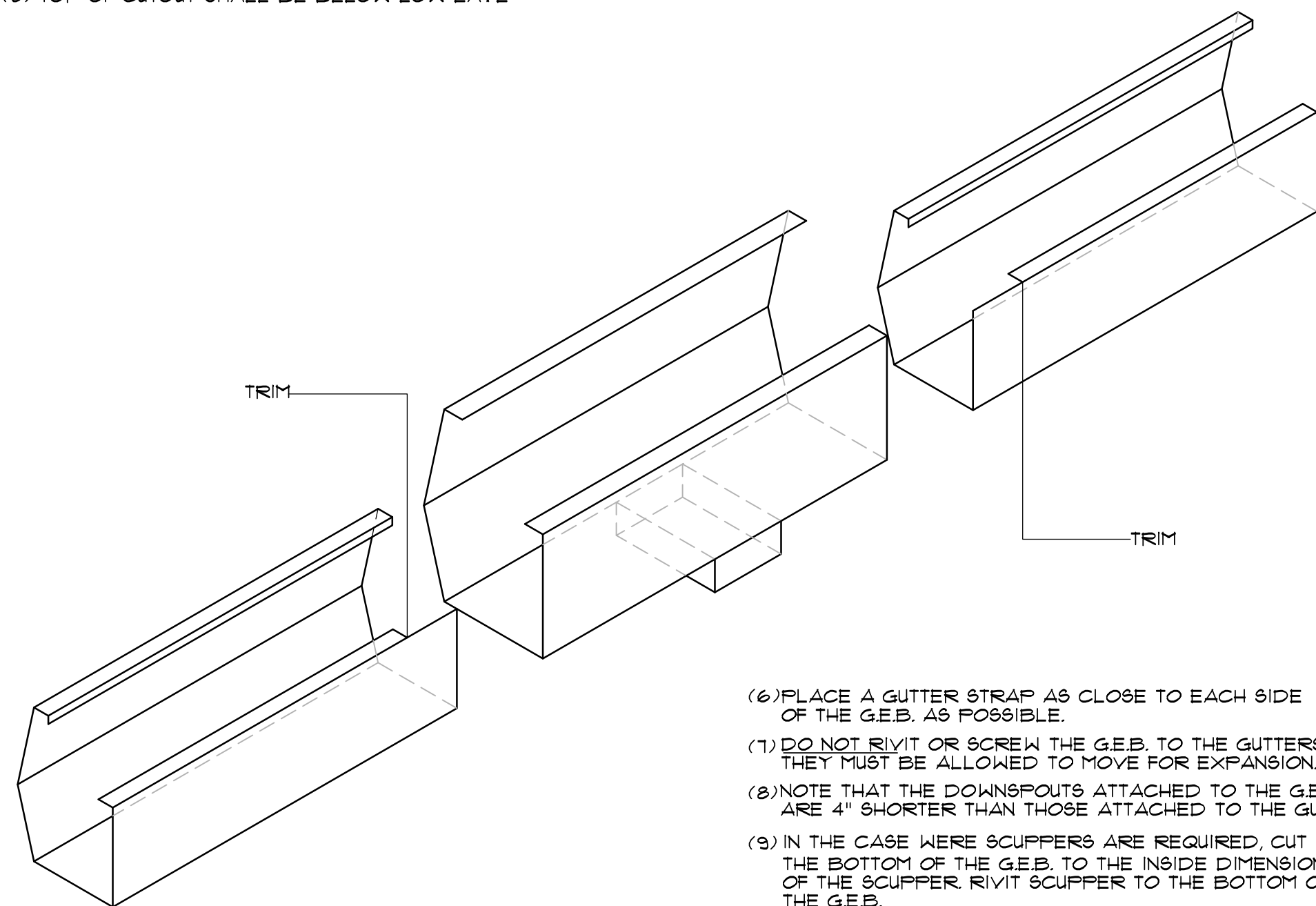
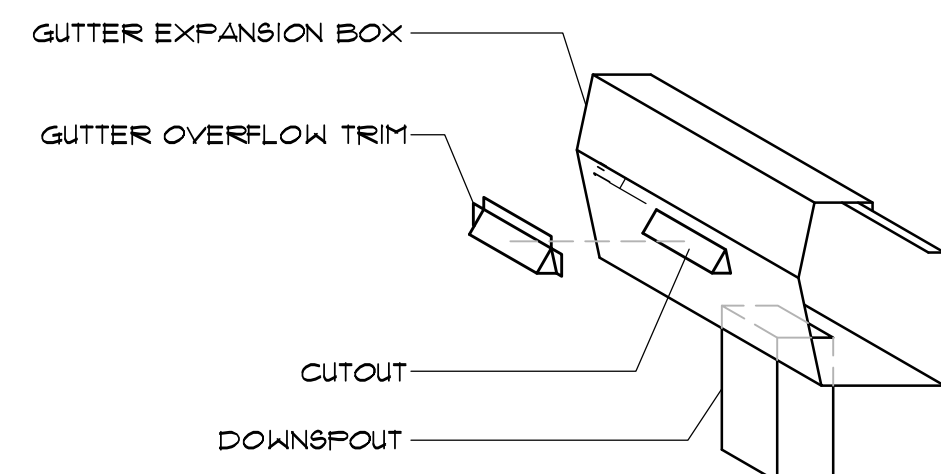
SHEET TITLE
STRUCTURAL DETAILS

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-D.11

INSTALLATION PROCEDURE

- (1) CENTER THE G.E.B. ON THE PIER AND ATTACH REAR FLANGE TO THE ROOF PAN WITH (2) 1/4-14X1 1/8 EXTENDED LIFE STICH SCREWS 3-4" FROM EACH END FASTENER #TX4. WHEN ATTACHING THE G.E.B. BE SURE THE REAR OF THE G.E.B. IS AGAINST THE FACE OF THE PIER. (EXCEPT ON SHURCARD PROJECTS WHERE THE SPECS REQUIRE A 2" GAP BETWEEN THE REAR OF THE GUTTER AND PIER)
- (2) TRIM THE 1" FLANGE OFF BOTH GUTTERS 1" BEYOND WHAT WOULD EXTEND INTO THE EXPANSION BOX.
- (3) SLIDE GUTTERS INTO G.E.B. ON BOTH SIDES AND ATTACH TO ROOF SHEETS PER INSTALLATION PROCEDURES.
- (4) A 5"x15" CUTOUT SHALL BE CUT AT EVERY DOWNSPOUT AND EXPANSION BOX LOCATION FOR PLACEMENT OF GUTTER OVERFLOW TRIM.
- (5) TOP OF CUTOUT SHALL BE BELOW LOW EAVE



- (6) PLACE A GUTTER STRAP AS CLOSE TO EACH SIDE OF THE G.E.B. AS POSSIBLE.
- (7) DO NOT RIVET OR SCREW THE G.E.B. TO THE GUTTERS THEY MUST BE ALLOWED TO MOVE FOR EXPANSION.
- (8) NOTE THAT THE DOWNSPOUTS ATTACHED TO THE G.E.B. ARE 4" SHORTER THAN THOSE ATTACHED TO THE GUTTERS.
- (9) IN THE CASE WERE SCUPPERS ARE REQUIRED, CUT OUT THE BOTTOM OF THE G.E.B. TO THE INSIDE DIMENSIONS OF THE SCUPPER. RIVET SCUPPER TO THE BOTTOM OF THE G.E.B.

GUTTER EXPANSION BOX INSTALLATION DETAIL

SCALE: 1/2" = 1'



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

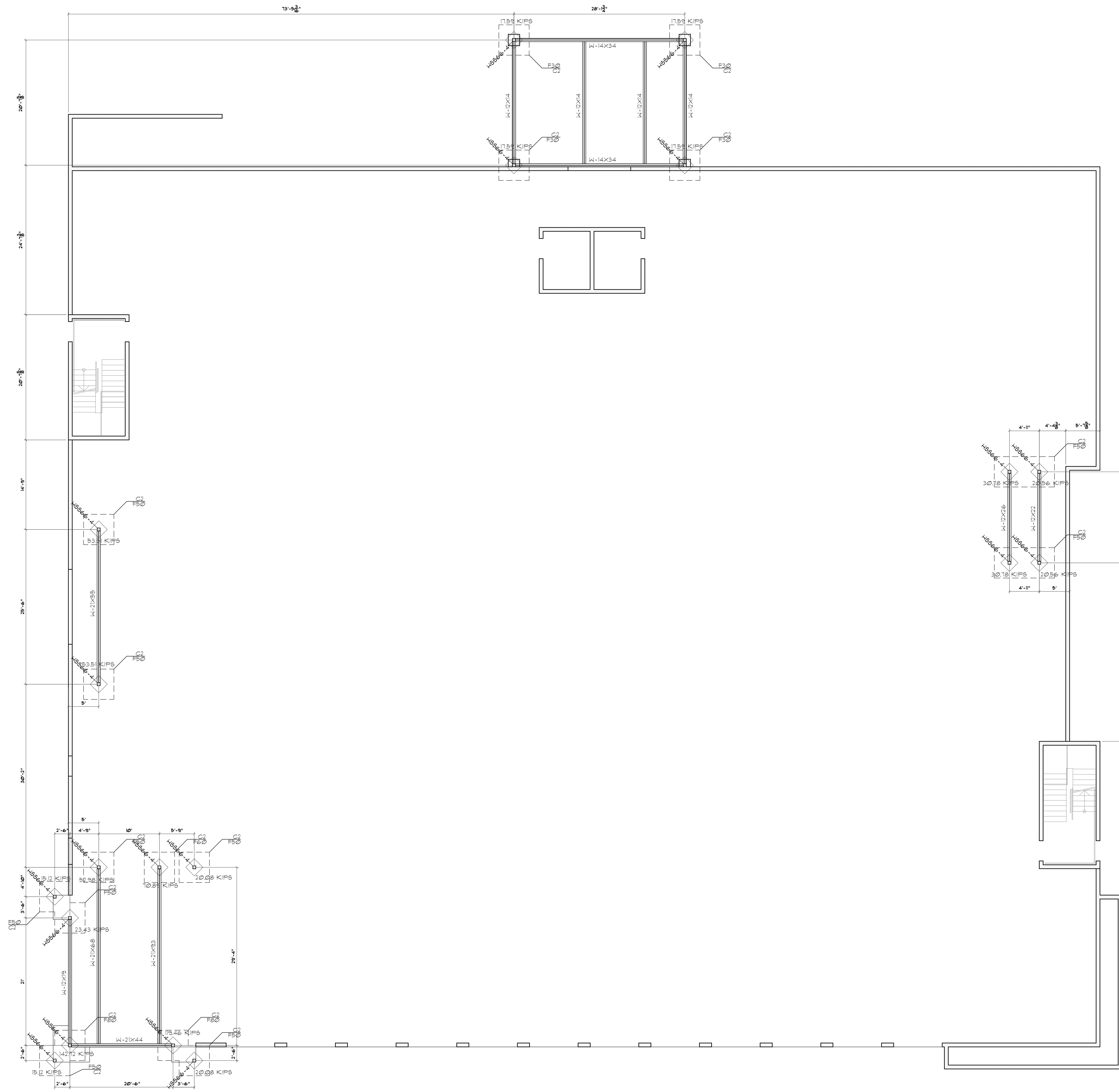
REV.	DATE	DESCRIPTION	BY
△	11-29-23	ELEV REVISION	AB

SHEET TITLE

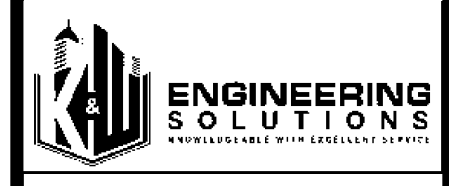
STRUCTURAL
DETAILS

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-D1.12



FOUNDATION SCHEDULE			
MARK	SIZE (L x W x D)	REINFORCING	REMARKS
F30	3'-0" x 3'-0" x 1'-4"	(3) #5 EA WAY, BOT	COL PAD FOOTING
F40	4'-0" x 4'-0" x 1'-4"	(4) #5 EA WAY, BOT	COL PAD FOOTING
F50	5'-0" x 5'-0" x 1'-4"	(5) #5 EA WAY, BOT	COL PAD FOOTING
F60	6'-0" x 6'-0" x 1'-4"	(7) #5 EA WAY, BOT	COL PAD FOOTING
F70	7'-0" x 7'-0" x 1'-6"	(8) #5 EA WAY, BOT	COL PAD FOOTING
F80	8'-0" x 8'-0" x 1'-8"	(10) #5 EA WAY, TOP & BOT	COL PAD FOOTING
F90	9'-0" x 9'-0" x 2'-0"	(16) #5 EA WAY, TOP & BOT	COL PAD FOOTING



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

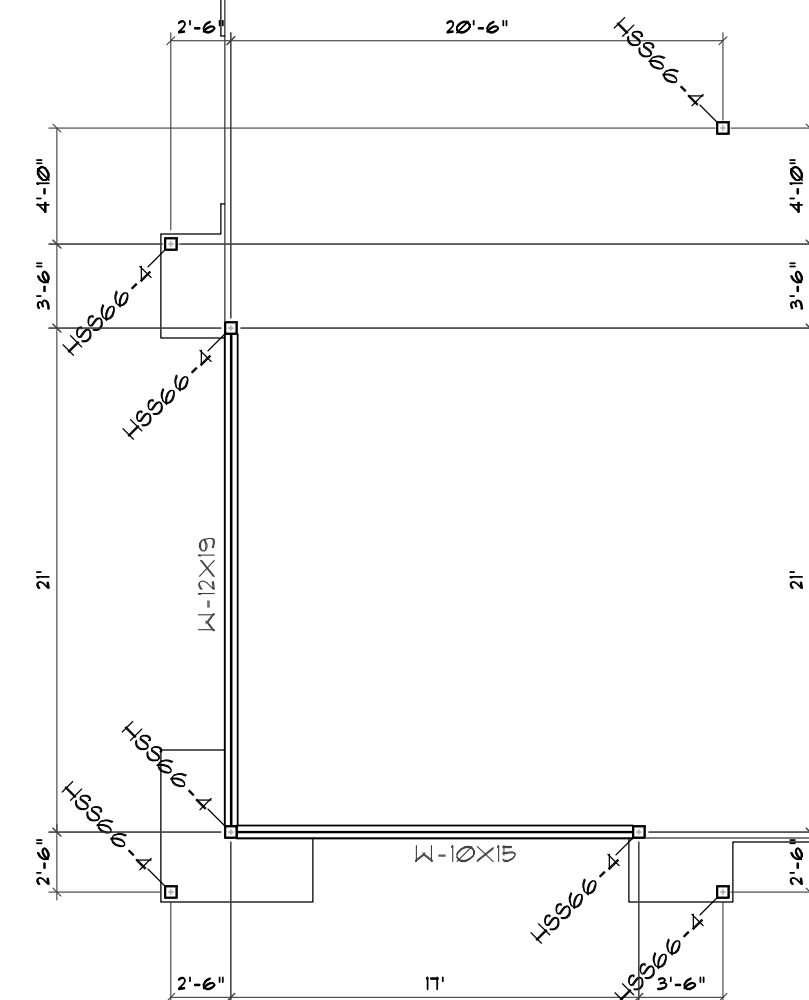
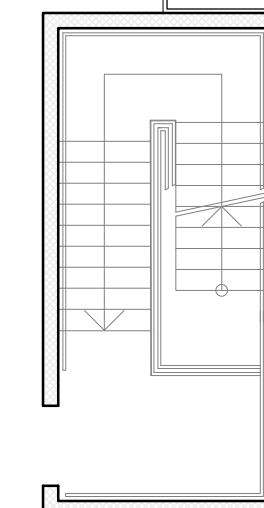
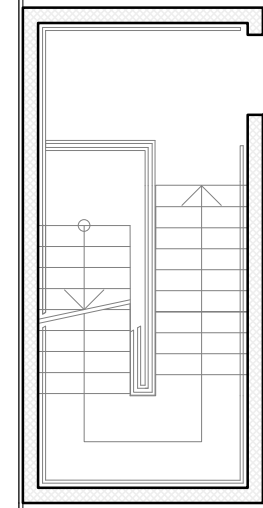
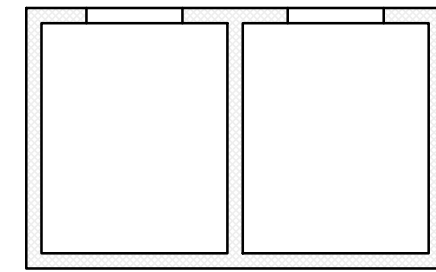
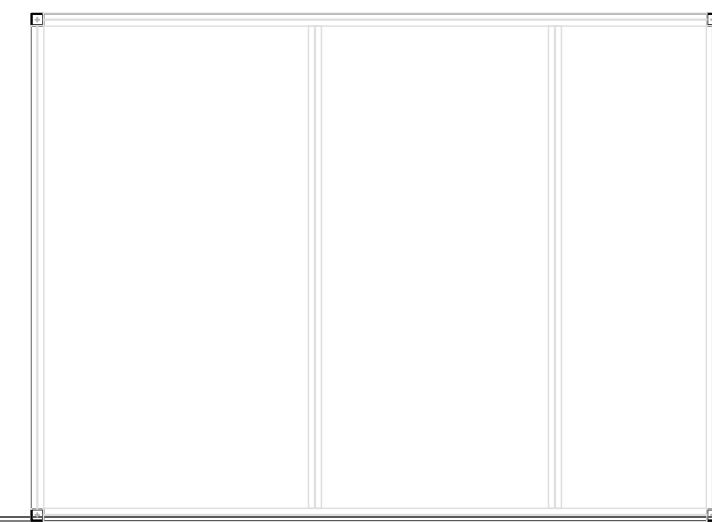
REV	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
**1ST FLOOR
BLACK STEEL
PLAN**

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-B1.0

BLDG 1ST FLOOR BLACK STEEL LAYOUT 1/8" = 1'



BLDG 2ND FLOOR BLACK STEEL LAYOUT

1/8" = 1'



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
547-23-VER-FL

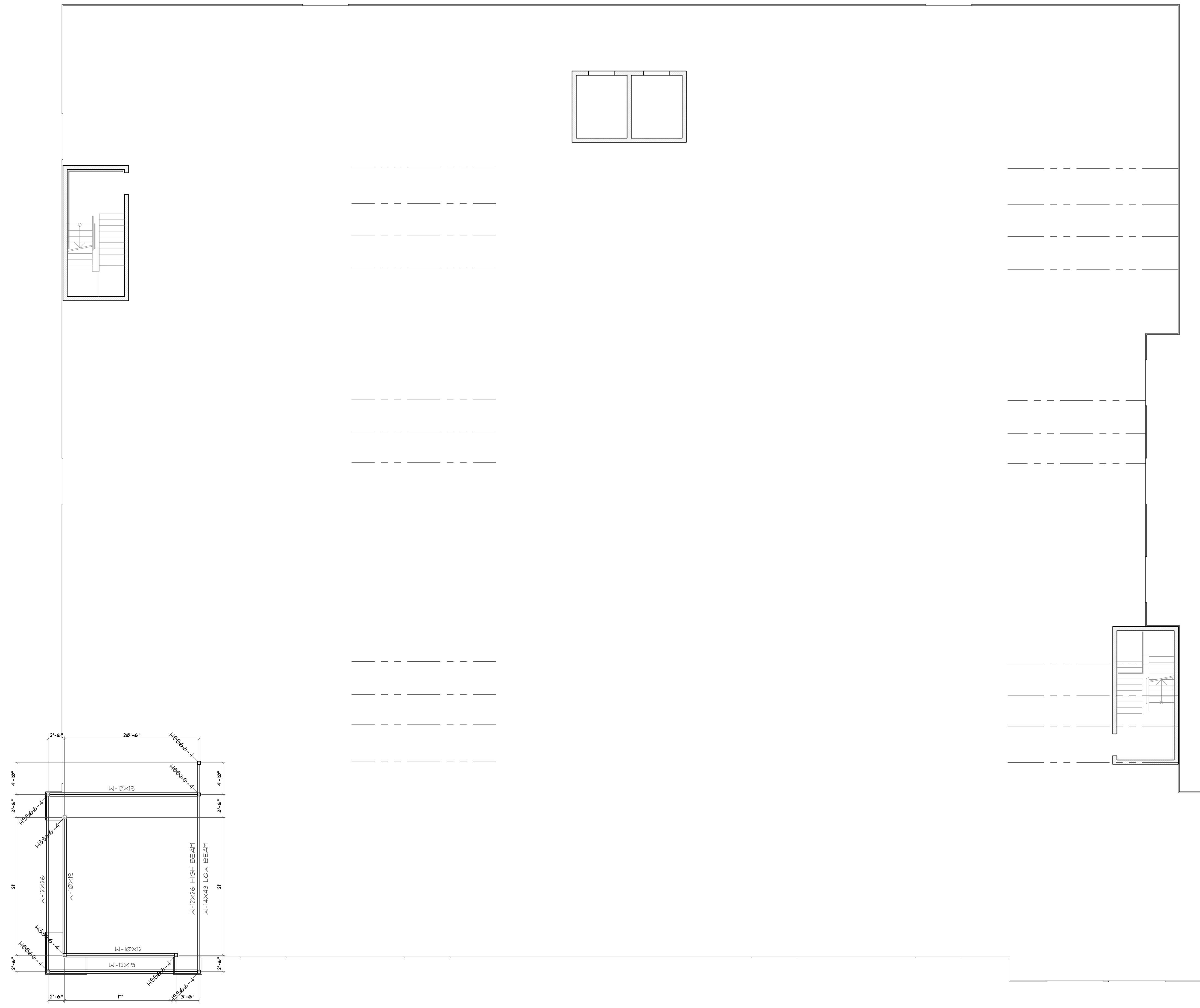
STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV	DATE	DESCRIPTION	BY
△	11-29-23	ELEV REVISION	AB

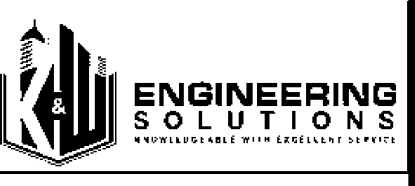
SHEET TITLE
2ND FLOOR
BLACK STEEL
PLAN

DATE 01-10-24
DESIGNED BY RBS
CHECKED BY RBS
DRAWN BY APB
SCALE AS NOTED
SHEET

RBS-B1.1



BLDG 3RD FLOOR BLACK STEEL LAYOUT 1/8" = 1'



SEALS



390 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL. 34787
PHONE: (407) 347-9614
INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
△	11-29-23	ELEV REVISION	AB

SHEET TITLE
**3RD FLOOR
BLACK STEEL
PLAN**

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-B1.2

HSS COLUMN & BASE PLATE SCHEDULE

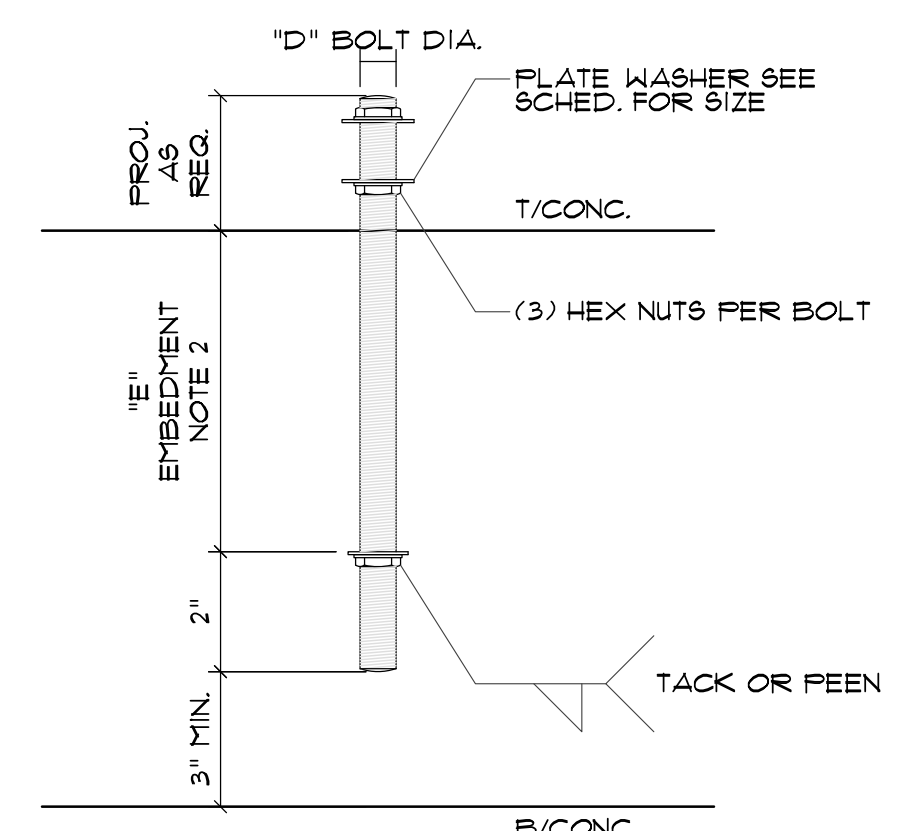
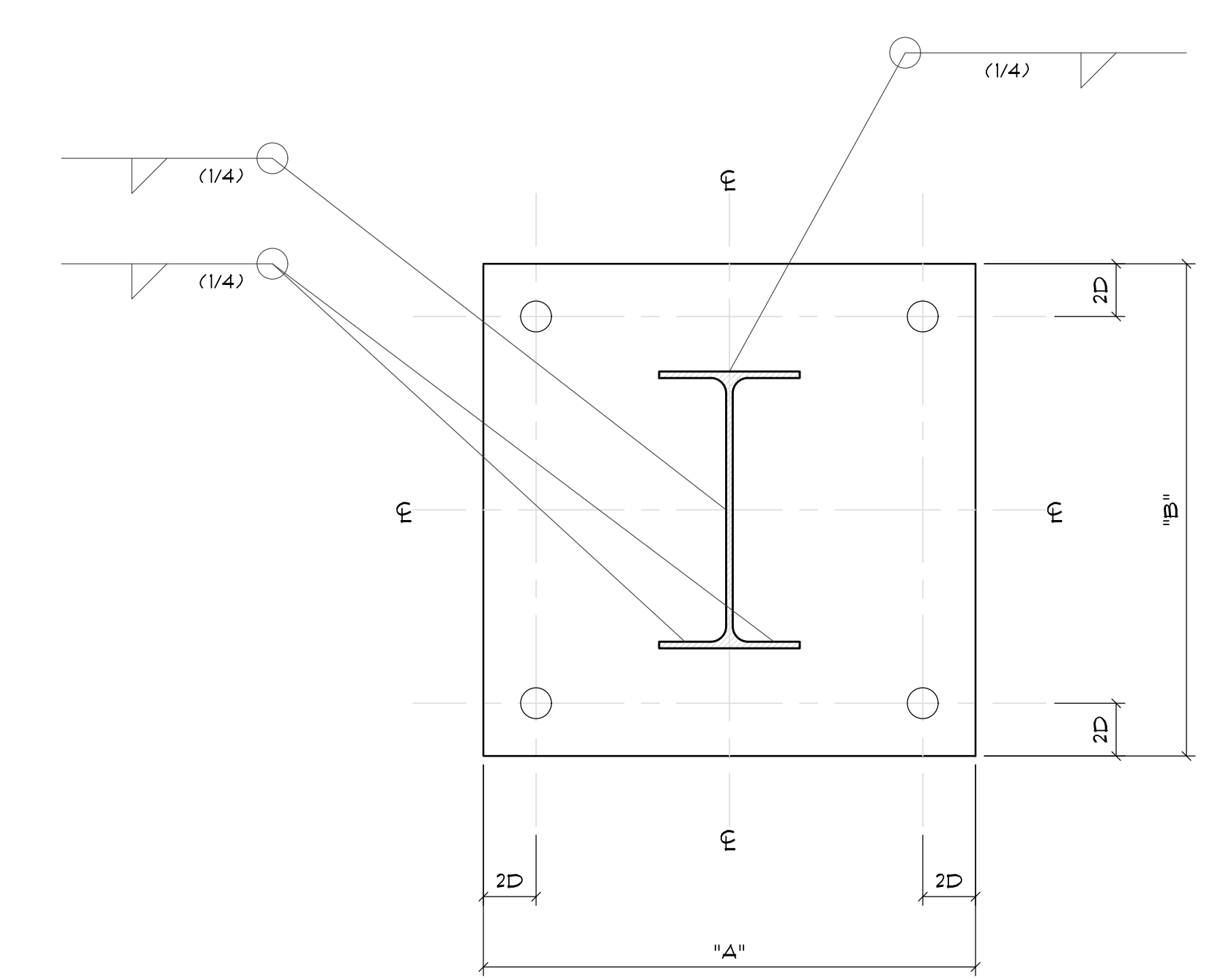
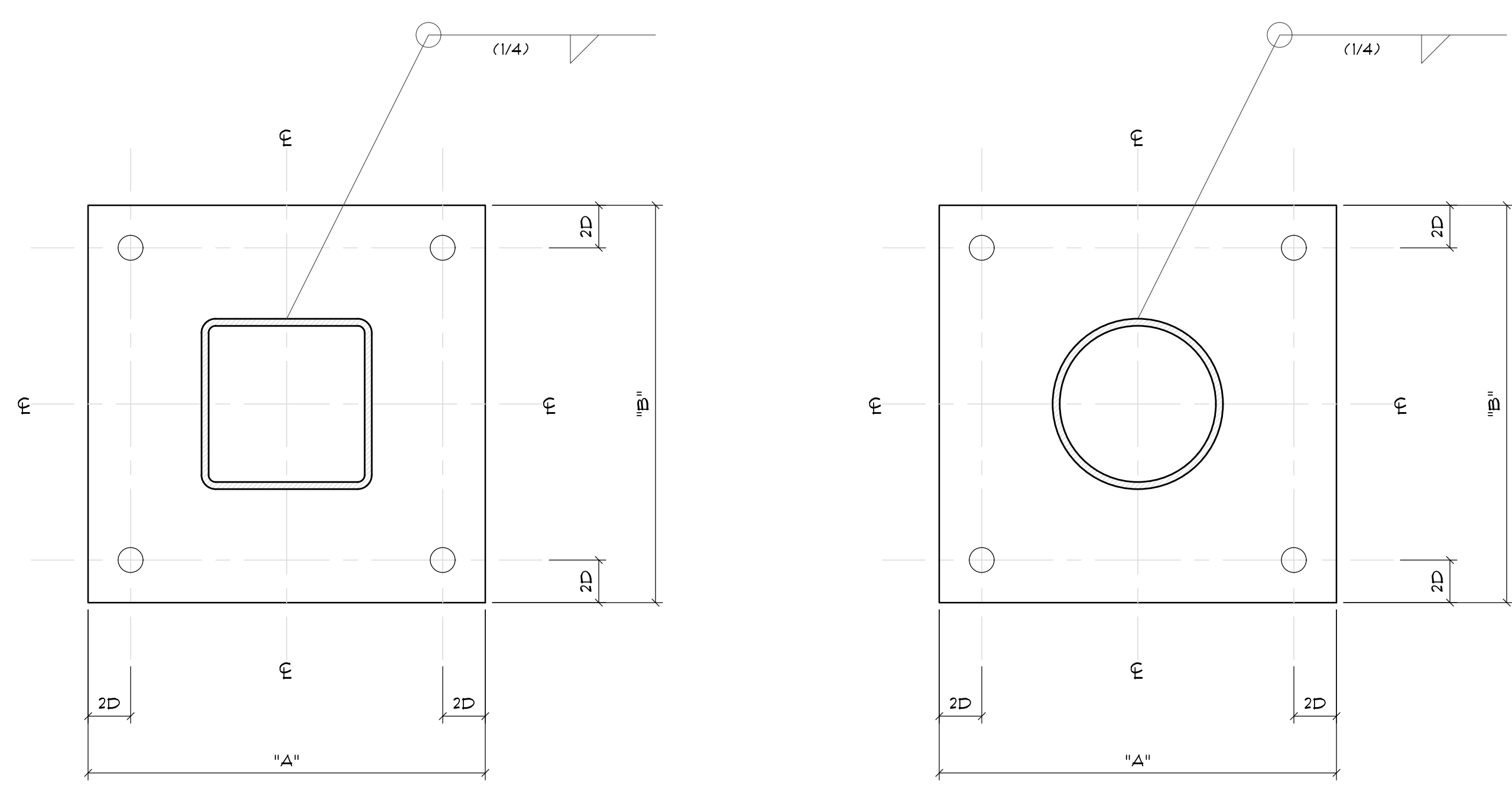
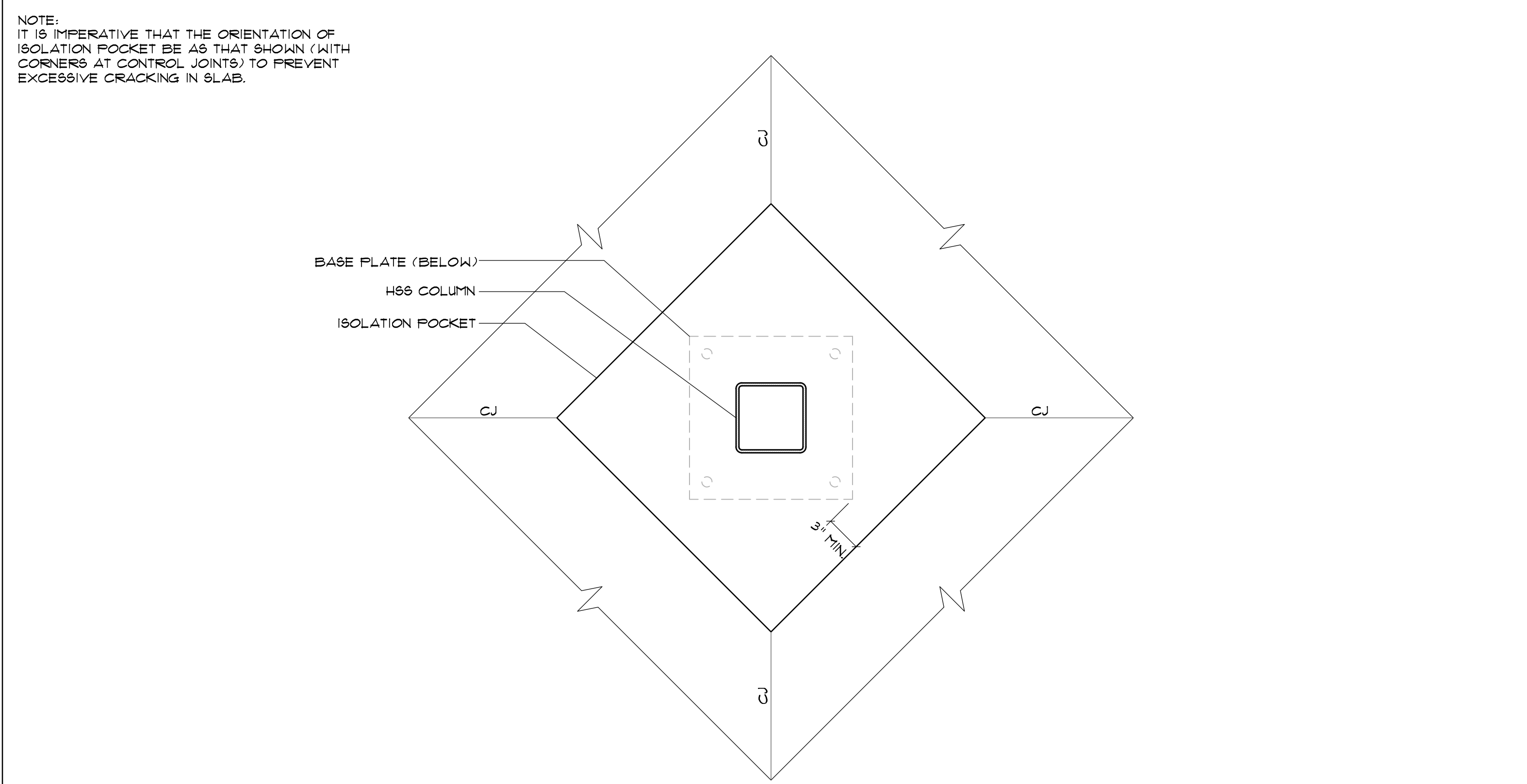
COLUMN MARK	COLUMN SIZE	BASE PLATE			ANCHOR BOLT		CAP PLATE	REMARKS
		"A"	"B"	THICKNESS	EMBED (NT 243)	DIAMETER		
H8844-4	4"X4"X1/4"	10"	10"	1/2"	9"	3/4"		
H8844-6	4"X4"X3/8"	10"	10"	3/4"	9"	3/4"		
H8844-8	4"X4"X1/2"	10"	10"	1"	9"	3/4"		
H8866-4	6"X6"X1/4"	12"	12"	1/2"	9"	3/4"		
H8866-6	6"X6"X3/8"	12"	12"	3/4"	9"	3/4"		
H8866-8	6"X6"X1/2"	12"	12"	1"	9"	3/4"		
H8866-10	6"X6"X5/8"	12"	12"	1 1/4"	9"	3/4"		
H8888-4	8"X8"X1/4"	14"	14"	1/2"	9"	3/4"		
H8888-6	8"X8"X3/8"	14"	14"	3/4"	9"	3/4"		
H8888-8	8"X8"X1/2"	14"	14"	1"	9"	3/4"		
H8888-10	8"X8"X5/8"	14"	14"	1 1/4"	9"	3/4"		

BOLT MATERIAL TYPE	MINIMUM EMBEDDED LENGTH	MAXIMUM EMBEDDED LENGTH	MINIMUM EMBEDDED EDGE DISTANCE
A307, A36	12d	E+FTG THICKNESS -5"	5dE4"
A325, A449	17d		7dE4"

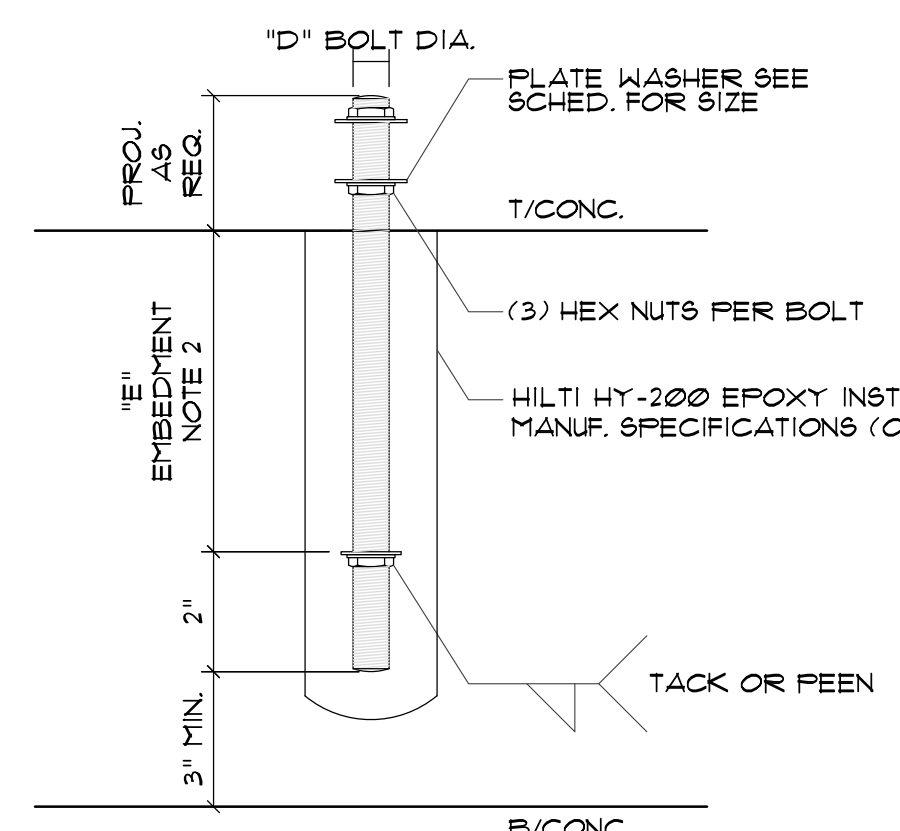
OVERSIZED HOLES AND PLATE WASHERS FOR BASE PLATES

BOLT DIAMETER	HOLE DIAMETER	PL WASHERS	BOLT DIAMETER	HOLE DIAMETER	PL WASHERS
3/4"	1 5/16"	1/4"X2"X2"	1 1/2"	2 5/16"	1/2"X3 1/2"
7/8"	1 9/16"	5/16"X2 1/2"X2 1/2"	1 3/4"	2 3/4"	5/8"X4"
1"	1 13/16"	3/8"X3"X3"	2"	3 1/4"	3/4"X5"
1 1/4"	2 1/16"	1/2"X3"X3"	2 1/2"	3 3/4"	7/8"X5 1/2"

ISOLATION POCKET DETAIL

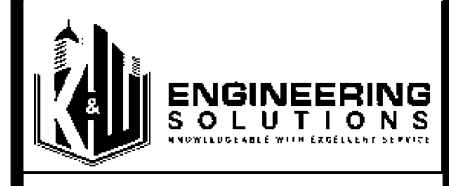


NOTE: IF FOOTING IS NOT SCHEDULED WITH SUFFICIENT THICKNESS, THEN INCREASE THICKNESS AT ANCHOR BOLTS ONLY



NOTE: POST INSTALLED EXPANSION AND OR EPOXY BOLTS ARE ACCEPTABLE ALTERNATIVES TO THE CAST IN PLACE ANCHOR BOLTS SHOWN. THE POST INSTALLED ANCHORS SHALL BE OF EQUIVALENT DIAMETER AND EMBEDMENT LENGTH AS SCHEDULED.

BASE PLATE & ANCHOR BOLT DETAIL
SCALE: 3" = 1'



SEALS



350 E CROWN POINT RD.
SUITE 1000
WINTER GARDEN, FL 34181
PHONE: (407) 341-9614
INFO@RAPIDBUILDINGSOLUTIONS.COM
JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
 1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
 VERO BEACH, FL 32960

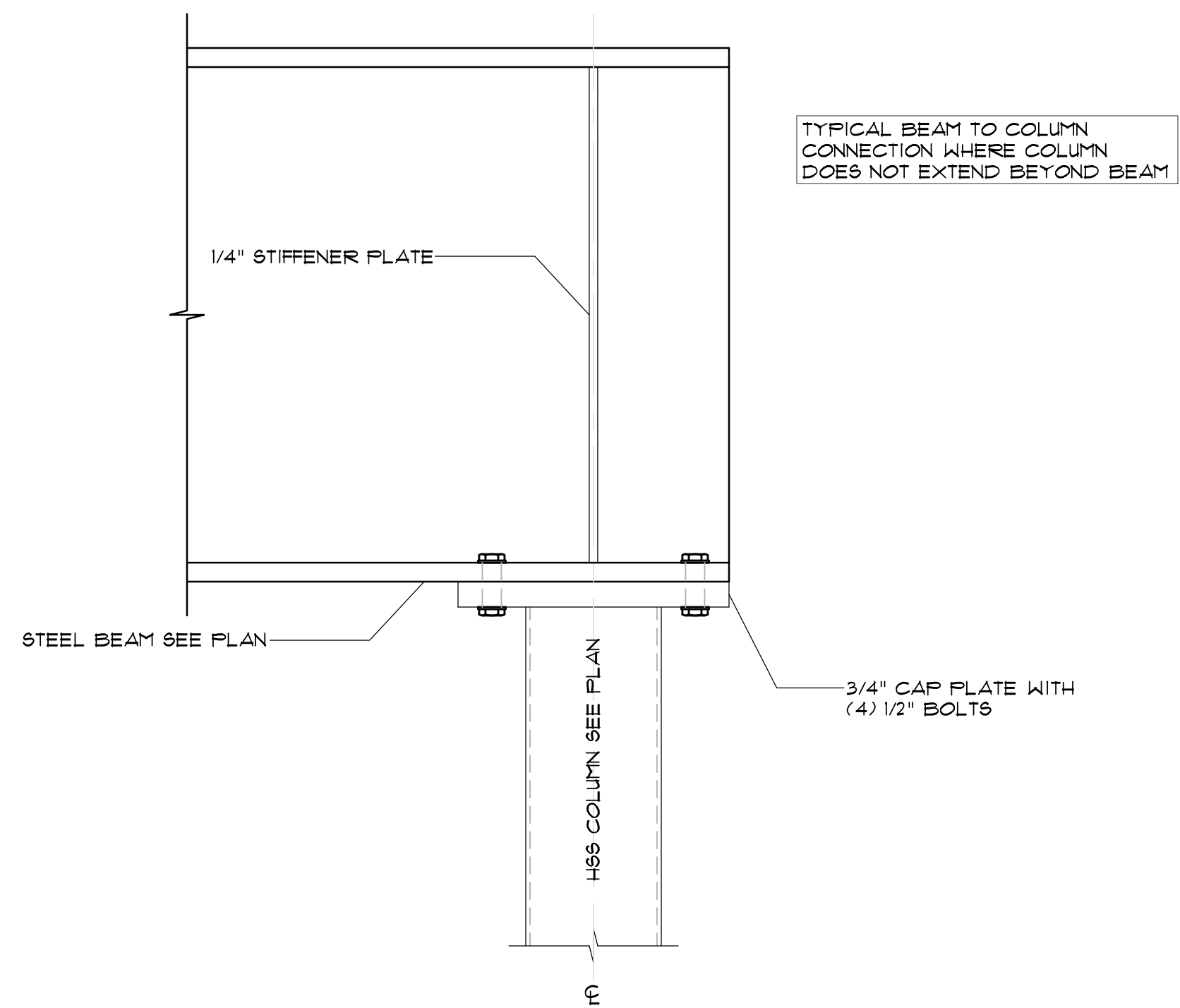
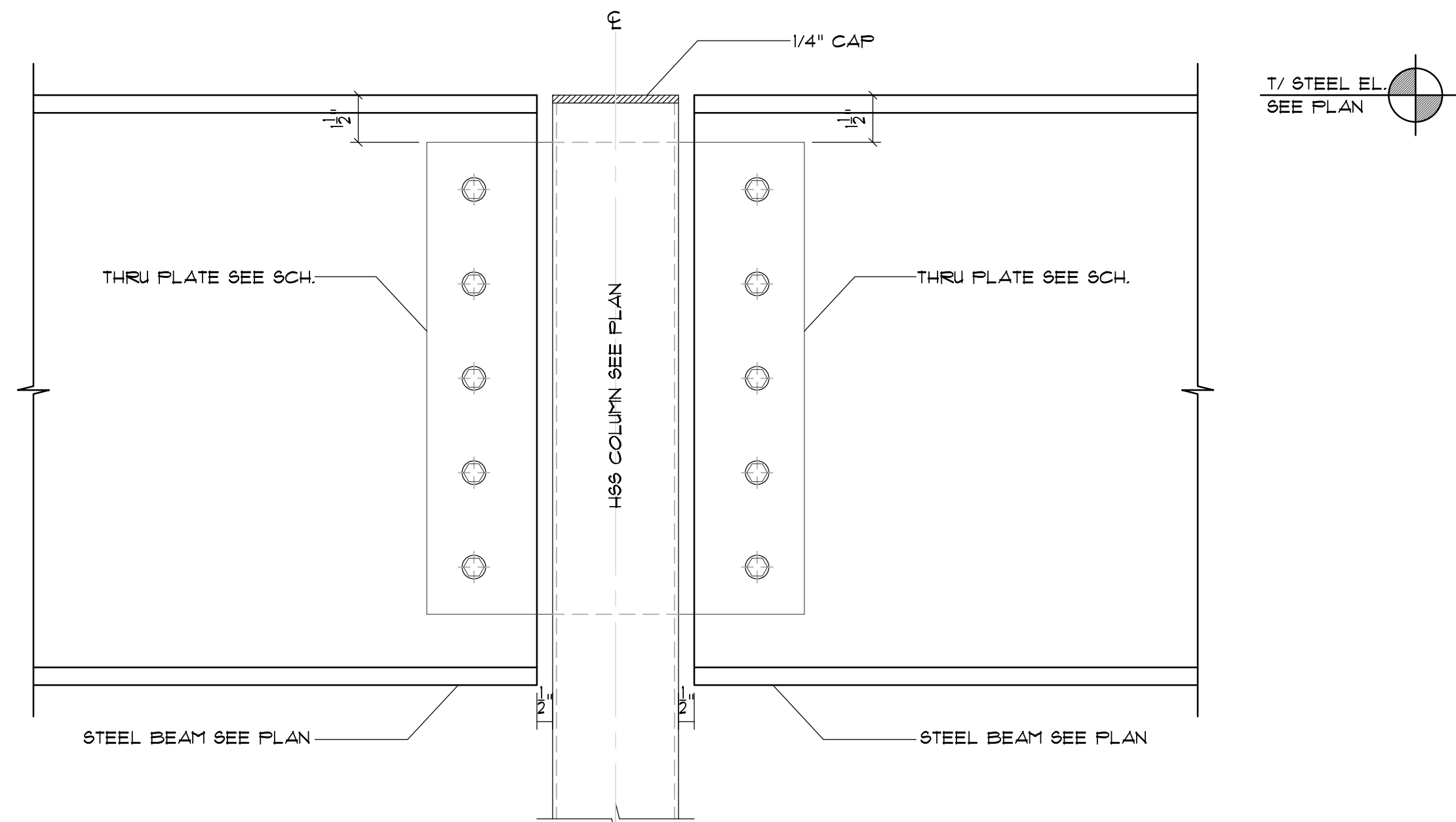
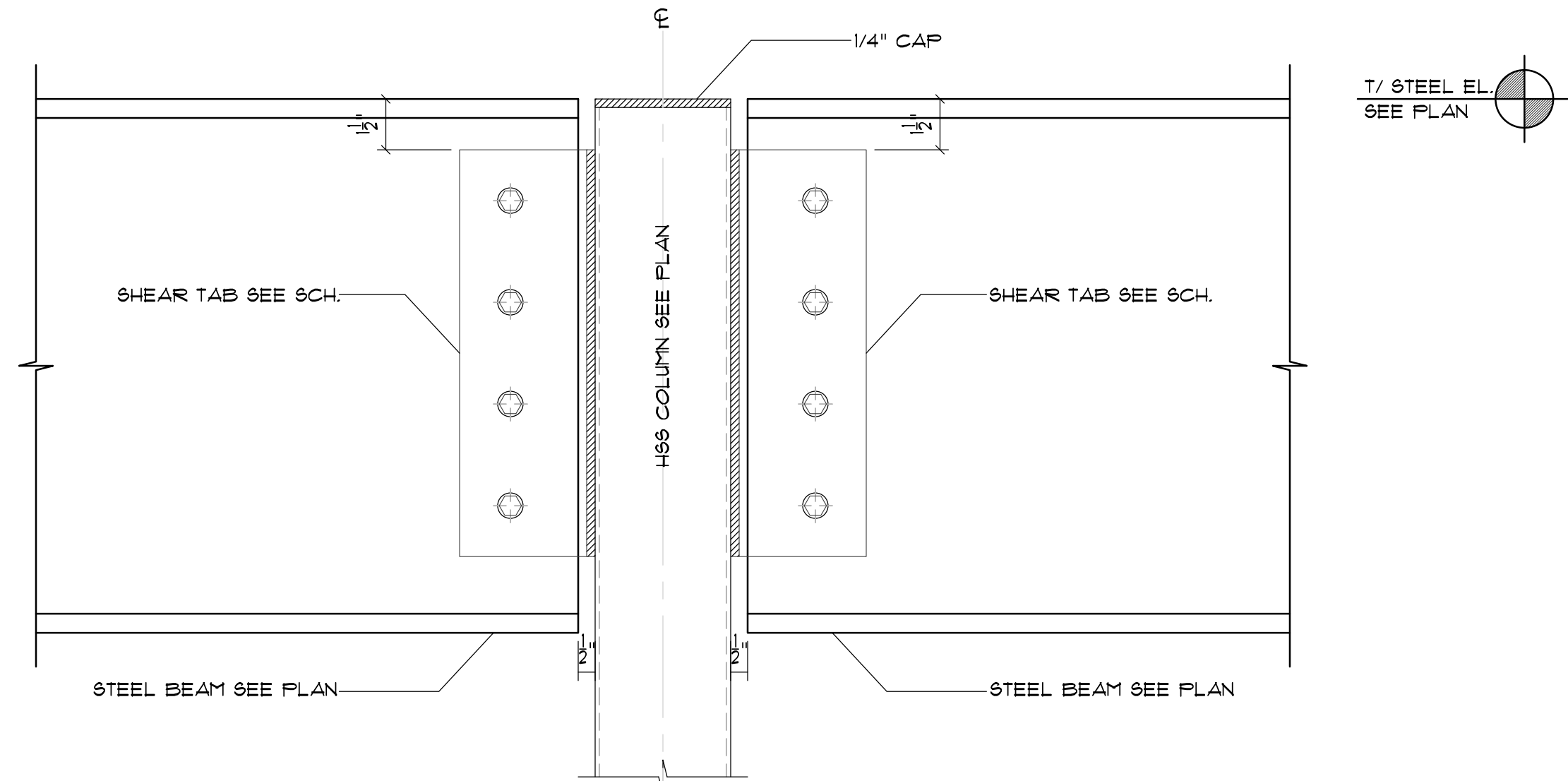
REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE
BLACK STEEL DETAILS

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-BD1.0

NOTE: COLUMN CAP PLATE MAY NOT BE REQUIRED, COLUMNS MAY EXTEND UPWARDS.

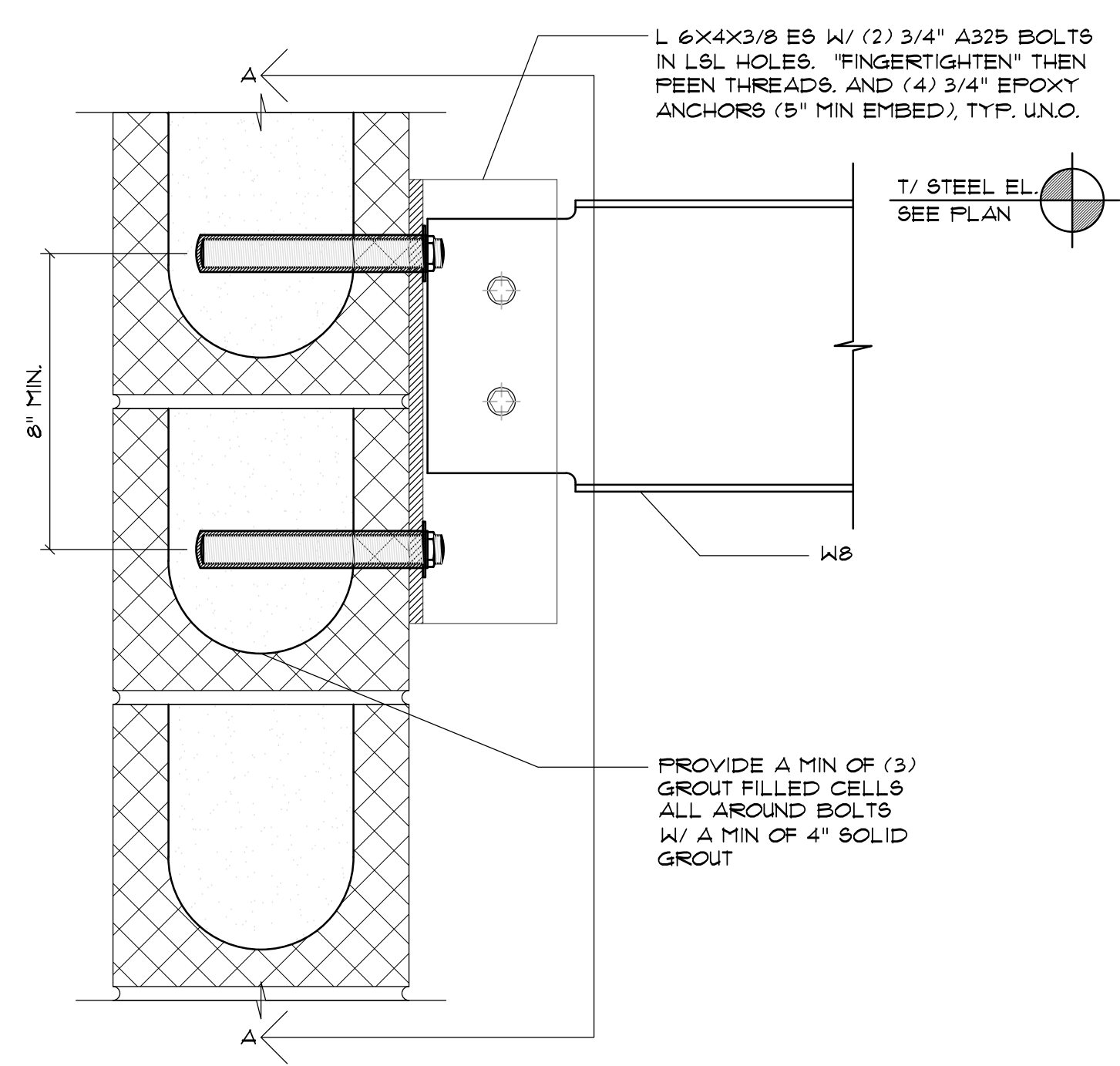
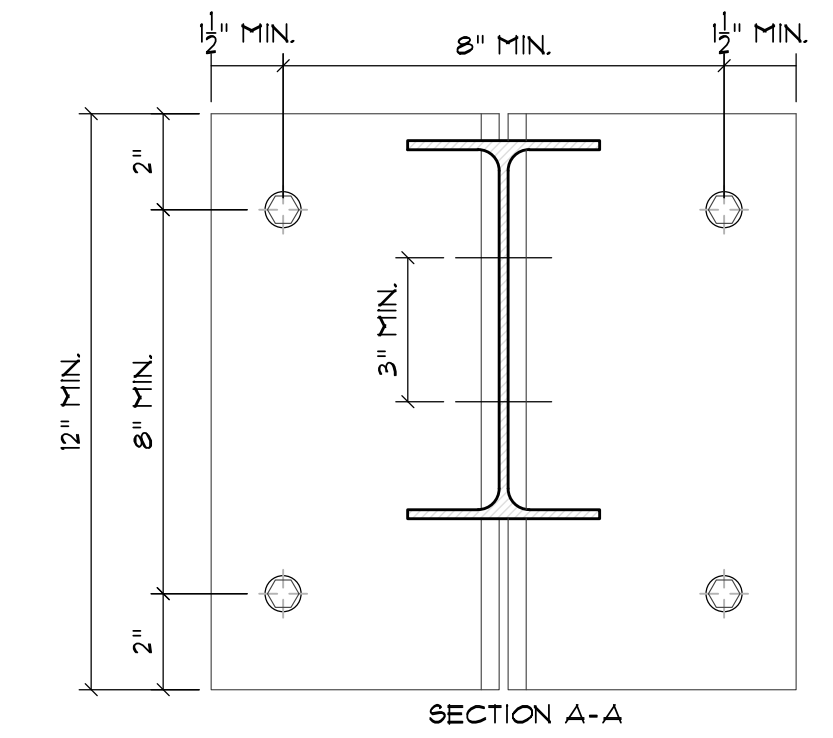
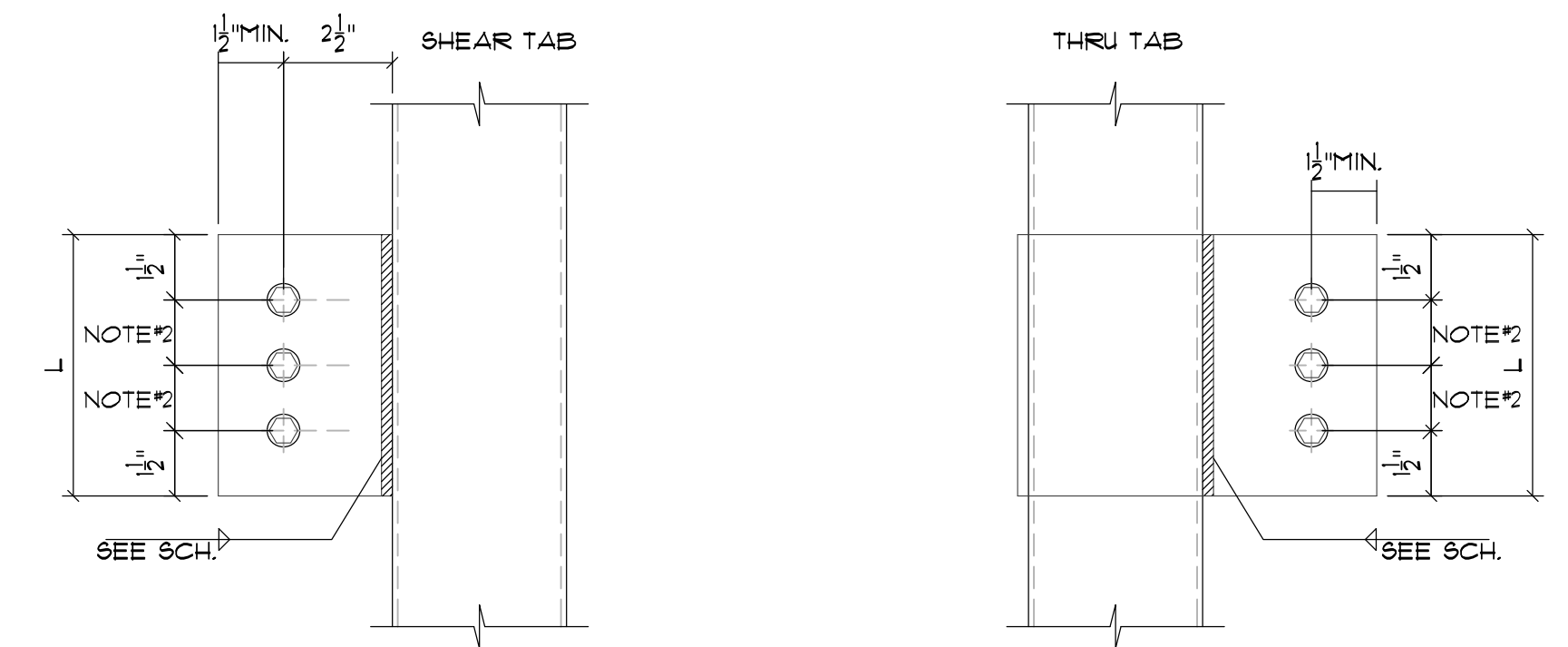


TYPICAL BEAM TO STL COL SHEAR CONNECTION
SCALE: 3" = 1'

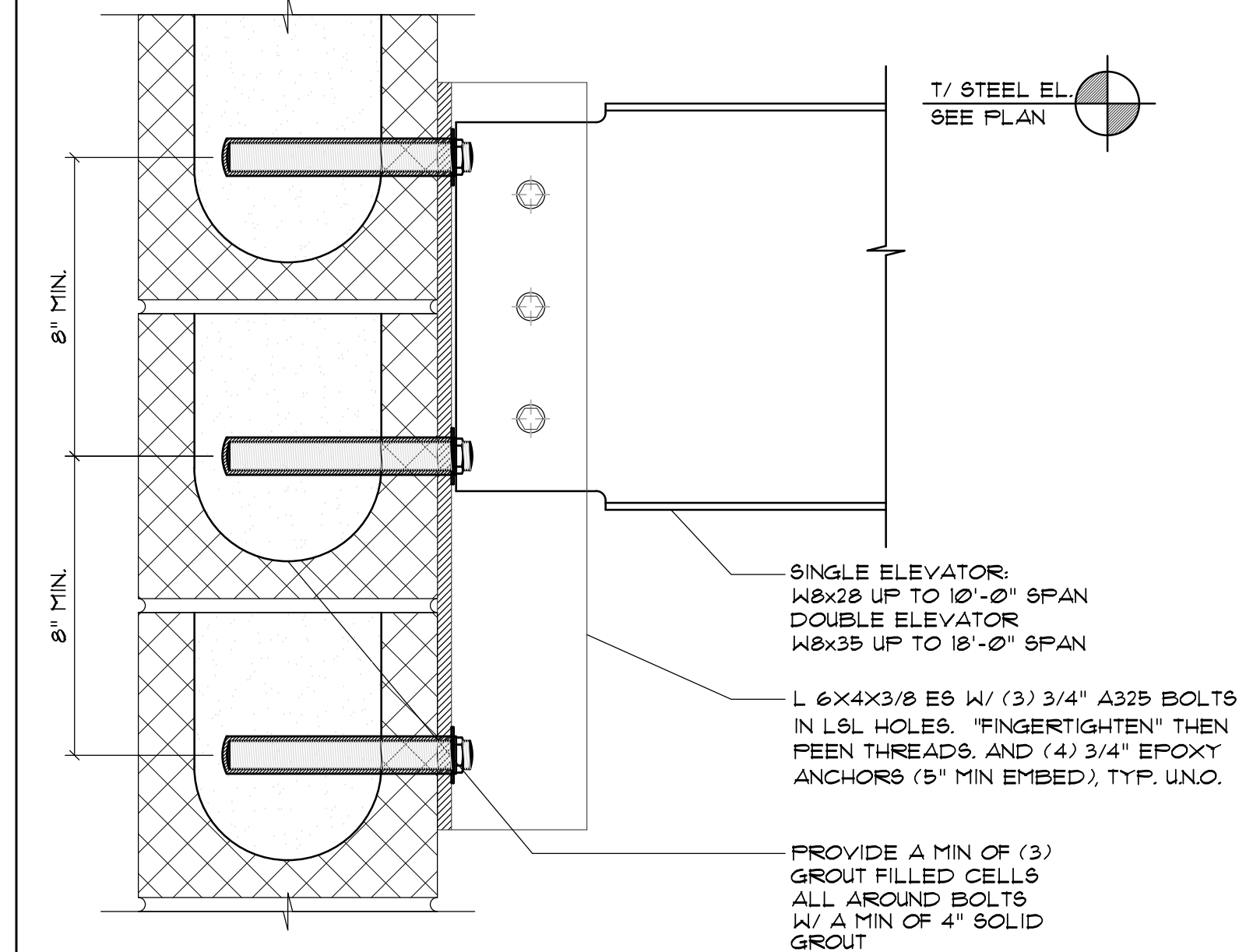
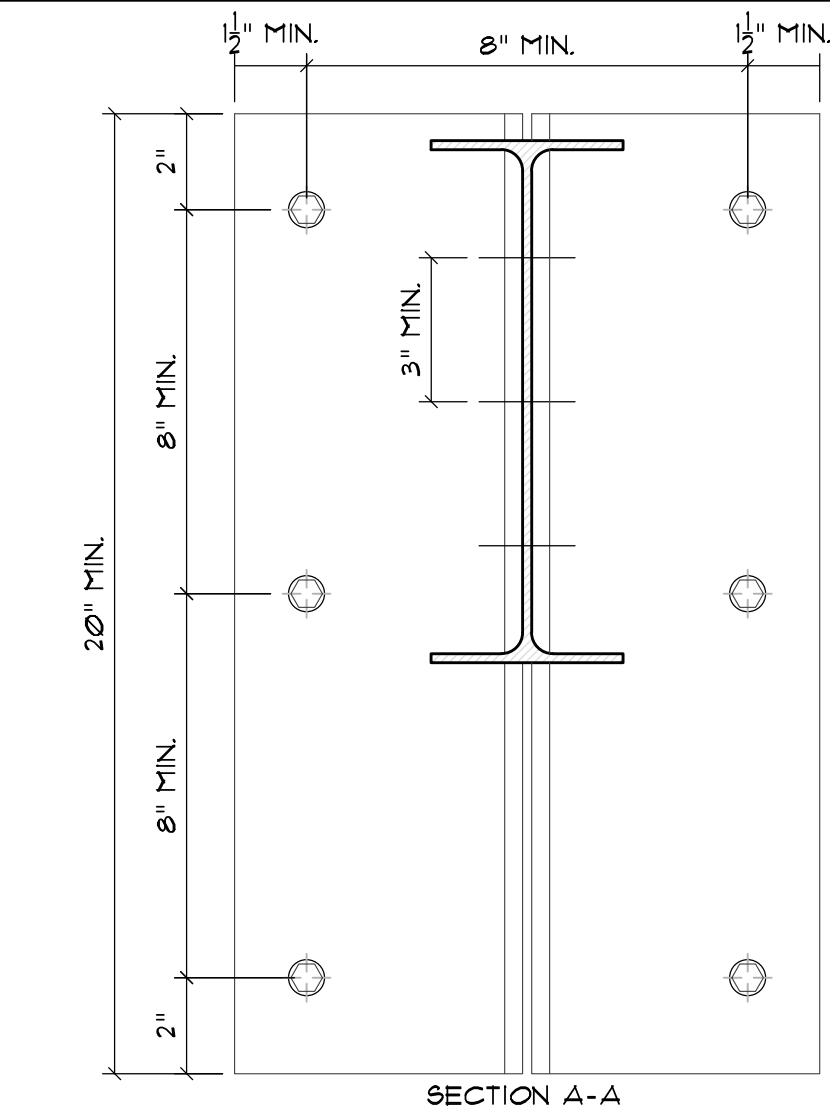
SINGLE PLATE SHEAR CONNECTION SCHEDULE
(SHOP WELDED, FIELD BOLTED)

BEAM SIZE (SEE PLAN)	NO. OF A325-N BOLTS	SHEAR TAB / THRU-PLATE THICKNESS (36 KSI), IN.	FILLET WELD SIZE (E70XX), IN.	MAXIMUM ALLOWABLE END REACTION, KIPS	SHEAR TAB / THRU-PLATE LENGTH (L), IN.
W8, W10	(2) 3/4" BOLTS	5/16"	1/4"	8.2	6"
W12, W14	(3) 3/4" BOLTS	5/16"	1/4"	16.3	9"
W16, W18	(4) 3/4" BOLTS	5/16"	1/4"	26.1	12"
W21	(5) 3/4" BOLTS	3/8"	5/16"	36.3	15"
W24	(6) 3/4" BOLTS	3/8"	5/16"	46.3	18"
W27	(7) 3/4" BOLTS	3/8"	5/16"	56.4	21"

- NOTES:
- FOR BEAMS NOT SHOWN HEREIN, FABRICATOR SHALL DESIGN THE SHEAR CONNECTION BASED ON THE REACTION SHOWN ON THE PLAN.
 - SEE SCHEDULE ABOVE FOR NUMBER OF BOLTS (3"GA).
 - PROVIDE 13/16"x1 1/2" HORIZ SLOTS IN BEAM WEB.
 - BEAMS SHALL BE 50 KSI.
 - PROVIDE HORIZ SLOTS IN SHEAR PLATE.
 - PROVIDE HARDENED WASHER OVER SLOTTED HOLES.
 - BOLTS SHALL BE INSTALLED "SNUG-TIGHT".



TYPICAL ELEVATOR SPREADER BEAM
SCALE: 3" = 1'



TYPICAL ELEVATOR HOIST BEAM
SCALE: 3" = 1'



SEAL'S



350 E CROWN POINT RD. SUITE 1080
WINTER GARDEN, FL. 34787
PHONE: (407) 341-9614

INFO@RAPIDBUILDINGSOLUTIONS.COM

JOB NUMBER:
541-23-VER-FL

STORAGE RENTALS OF AMERICA
1801 U.S. HIGHWAY 1 & 85T 18TH PLACE
VERO BEACH, FL 32960

REV.	DATE	DESCRIPTION	BY
1	11-29-23	ELEV REVISION	AB

SHEET TITLE

BLACK STEEL DETAILS

DATE: 01-10-24
DESIGNED BY: RBS
CHECKED BY: RBS
DRAWN BY: APB
SCALE: AS NOTED
SHEET

RBS-BDI.1