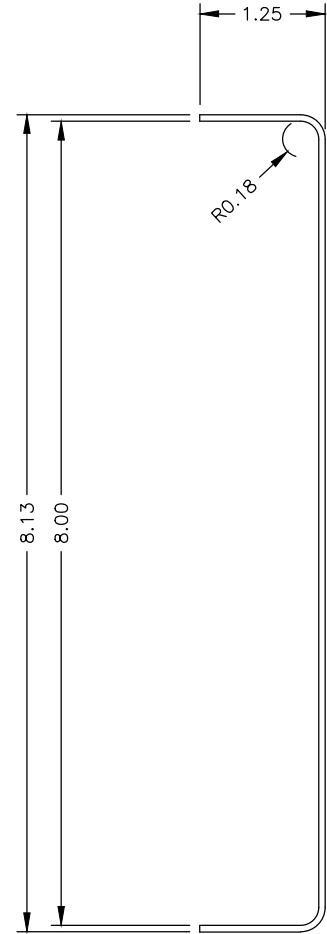
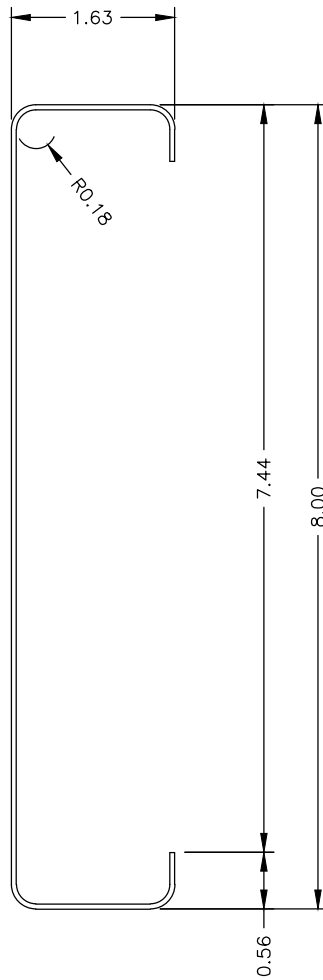


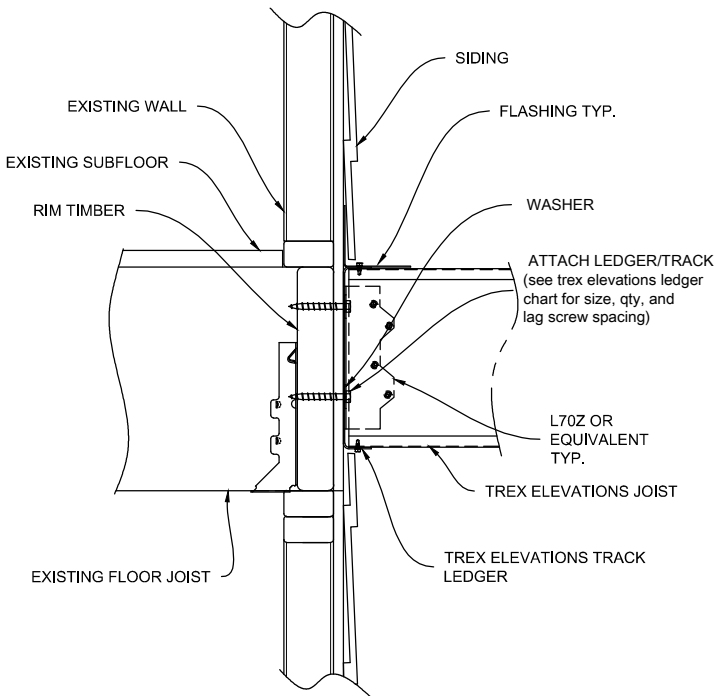
**TREX ELEVATIONS
 BEAM**



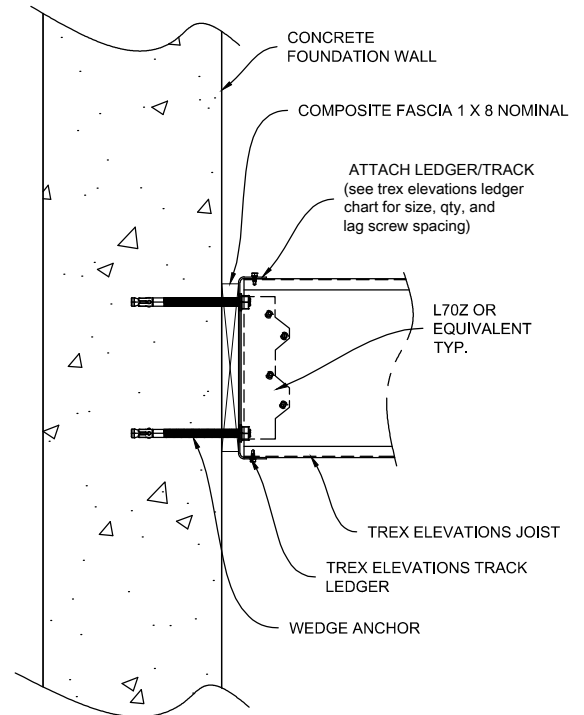
**TREX ELEVATIONS
 TRACK**



**TREX ELEVATIONS
 JOIST**



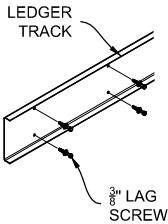
LEDGER TRACK ATTACHMENT TO STRUCTURAL FRAMING OR FLOOR BOX TIMBER



LEDGER TRACK ATTACHMENT TO FOUNDATION WALL

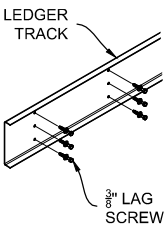
Requirements:

- $\frac{3}{8}$ " lag screws are used to connect the steel ledger to the wood Rim Plate of the structure.
- Screws are long enough to penetrate through the entire thickness of the wood Rim Plate.
- The maximum length of unthreaded shank of the lag screws is $\frac{3}{4}$ inch.
- The minimum length of unthreaded shank of the lag screws is $\frac{3}{16}$ inch.
- Wood Rim Plate is assumed to be 1.5 in. thick and from southern pine (specific gravity of 0.55).
- 5 in. end spacing is required from two ends of the wood Rim Plate.
- 2 or 3 rows of fasteners are considered.
- 1.5 in. minimum edge distance from the top and bottom fasteners to the edge of the wood Rim Plate is required.
- When 2 rows of lag screws are used, minimum vertical distance of 4 in. between the rows of fasteners is required.
- When 3 rows of lag screws are used, minimum vertical distance of 2 in. between the rows of fasteners is required.



On Center Spacing -3/8" x 2.5" Hot-dipped Galvanized Lag Screws

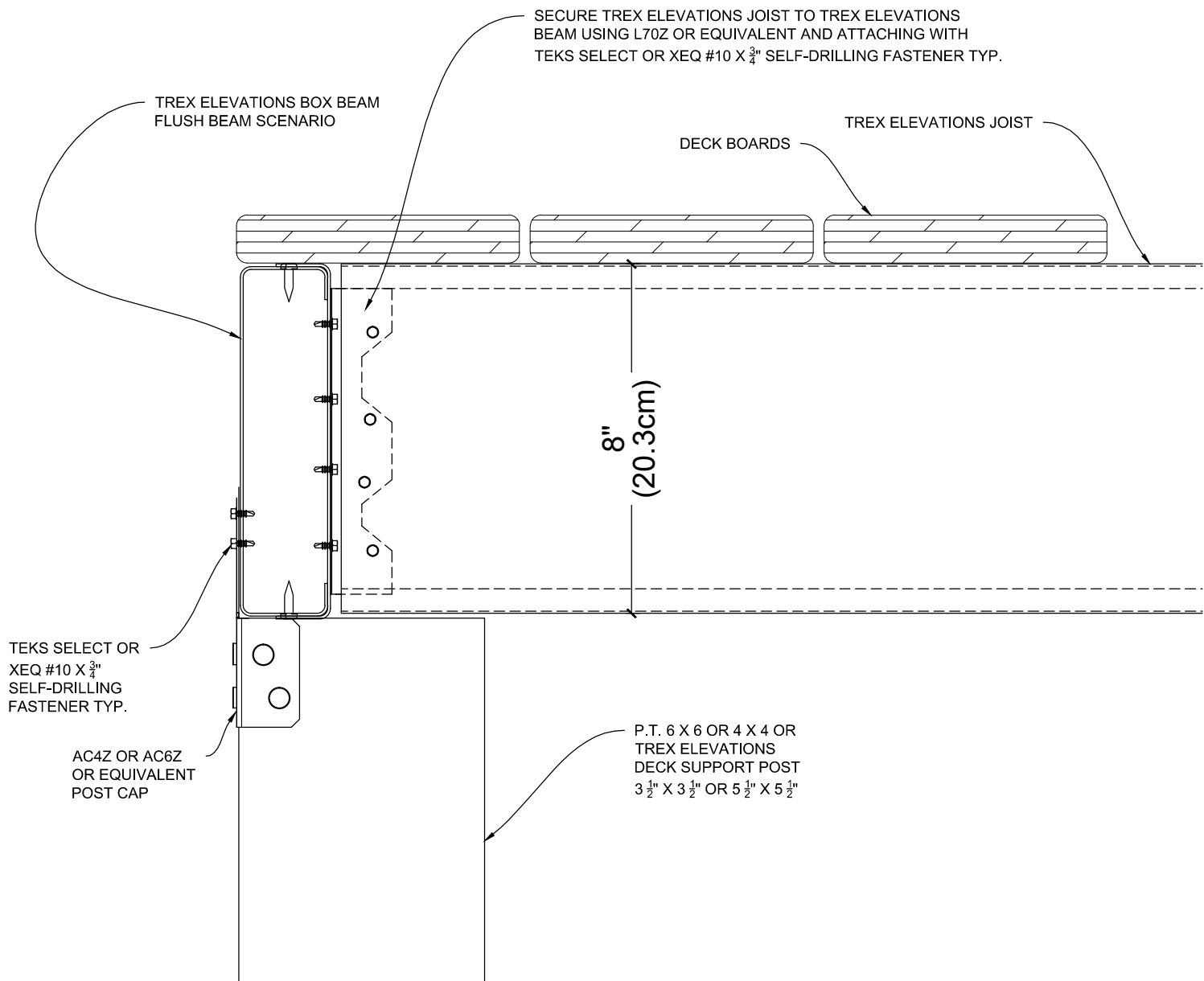
2 Screws	Joist Span														
	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'
50 psf	24"				16"				12"				10"		
75 psf	24"				16"				12"				10"		
100 psf	24"				16"				12"				9"		
Over 100 psf	Consult with your engineer or local building code official.														



On Center Spacing -3/8" x 2.5" Hot-dipped Galvanized Lag Screws

3 Screws	Joist Span														
	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'
50 psf	24"										16"				
75 psf	24"										16"				
100 psf	24"										14"				
Over 100 psf	Consult with your engineer or local building code official.														

TYP. LEDGER CONNECTIONS



FLUSH BEAM ATTACHMENT

TEKS SELECT OR XEQ #10 X $\frac{3}{4}$ "
SELF-DRILLING FASTENER TYP.

BOX BEAM-FLUSH SCENARIO

TREX ELEVATIONS JOIST

TREX ELEVATIONS JOIST

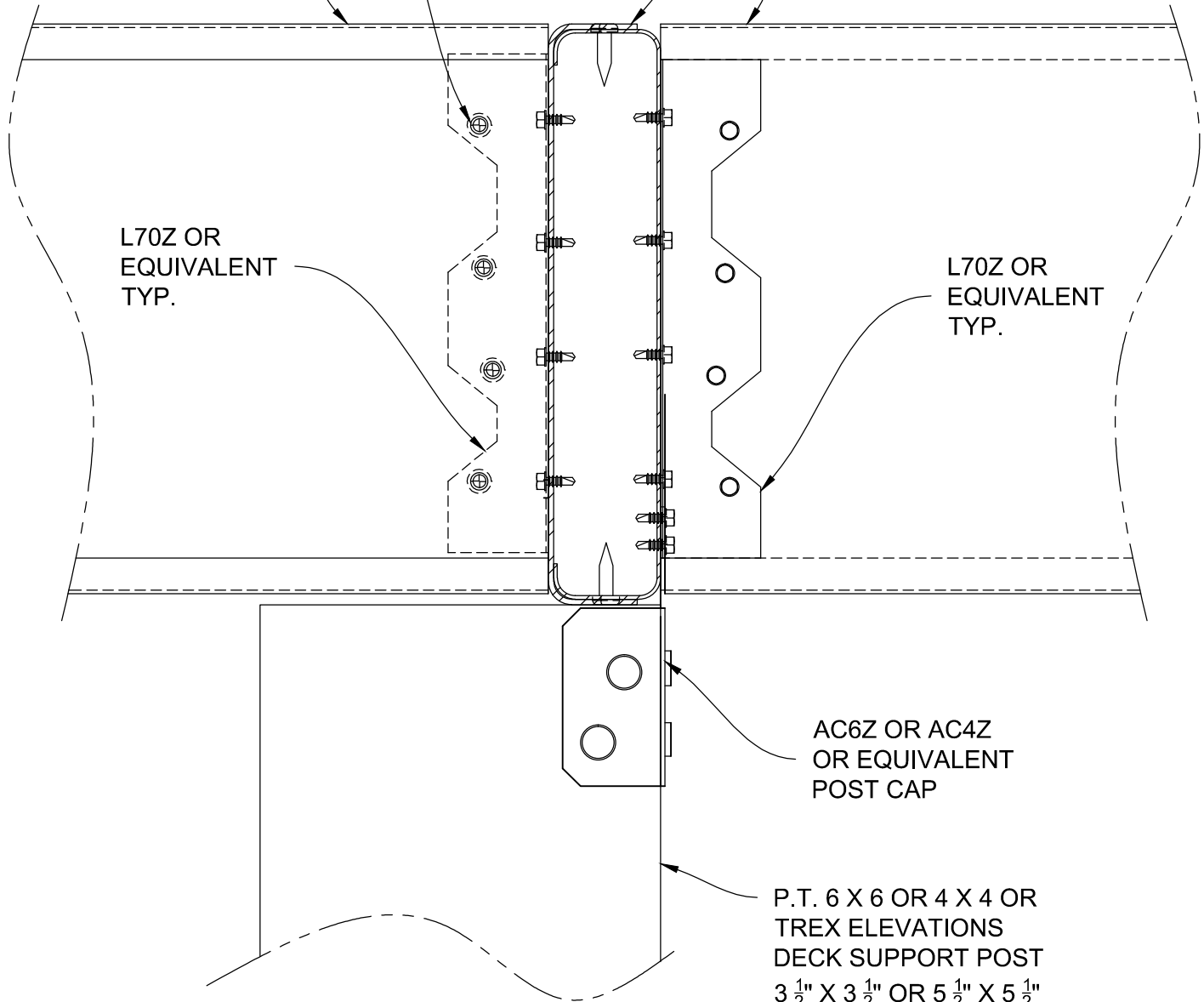
L70Z OR
EQUIVALENT
TYP.

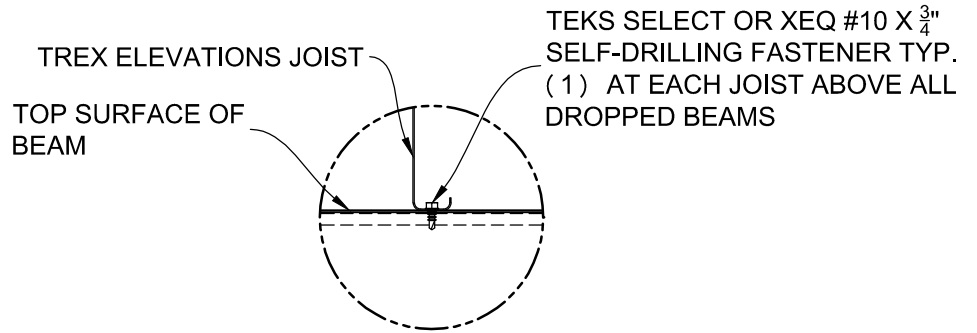
L70Z OR
EQUIVALENT
TYP.

AC6Z OR AC4Z
OR EQUIVALENT
POST CAP

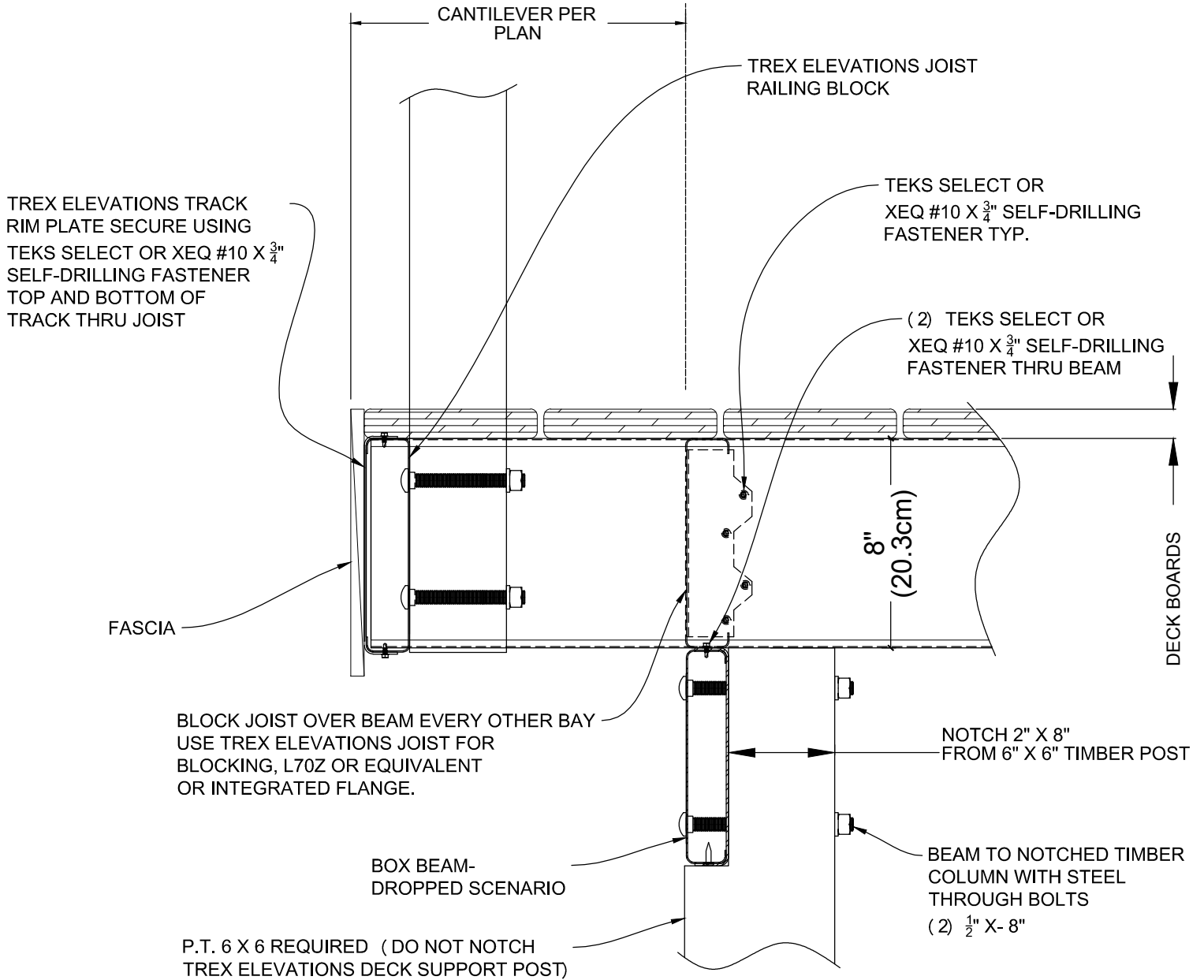
P.T. 6 X 6 OR 4 X 4 OR
TREX ELEVATIONS
DECK SUPPORT POST
 $3\frac{1}{2}$ " X $3\frac{1}{2}$ " OR $5\frac{1}{2}$ " X $5\frac{1}{2}$ "

JOIST ATTACHMENT SHARING FLUSH BEAM - SCENARIO

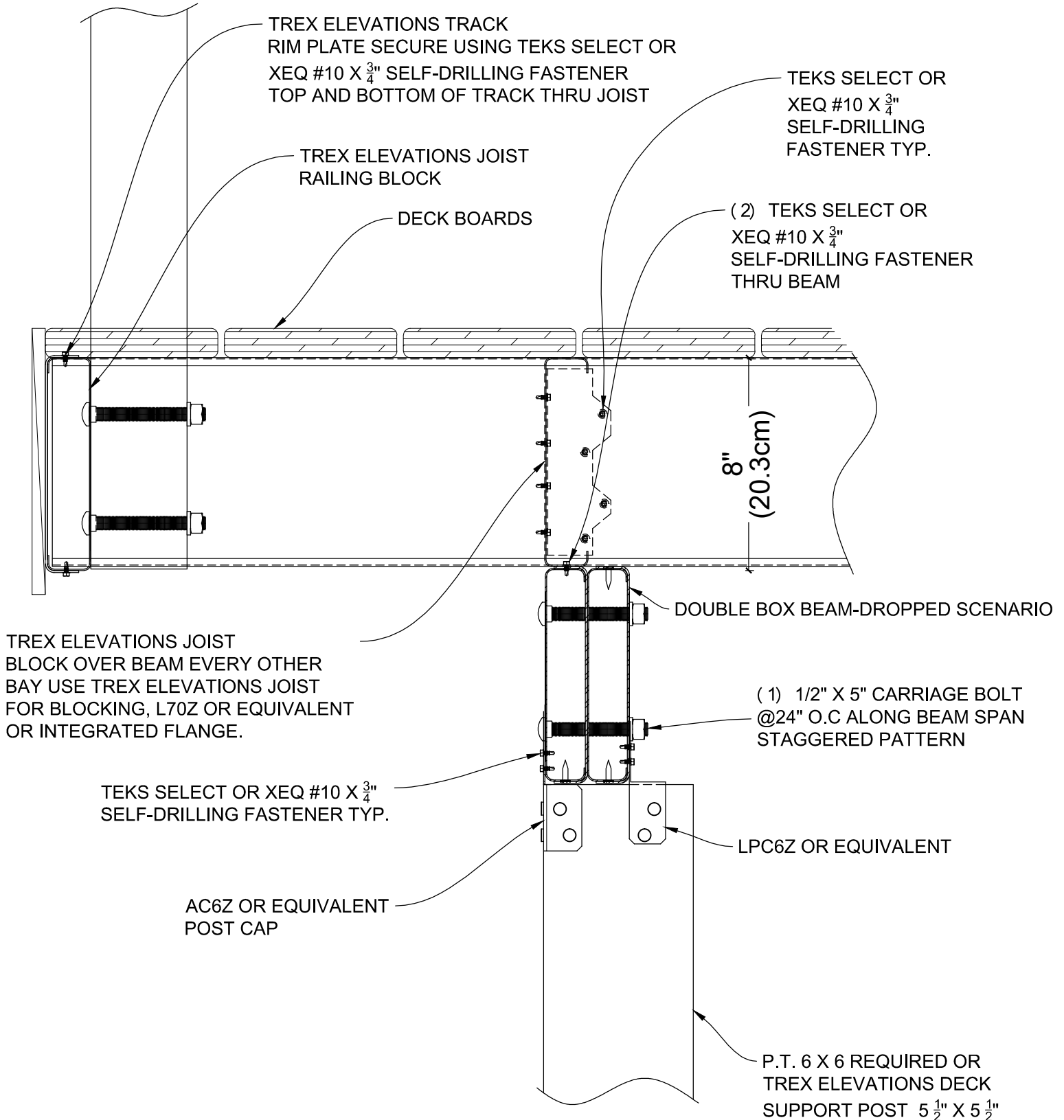




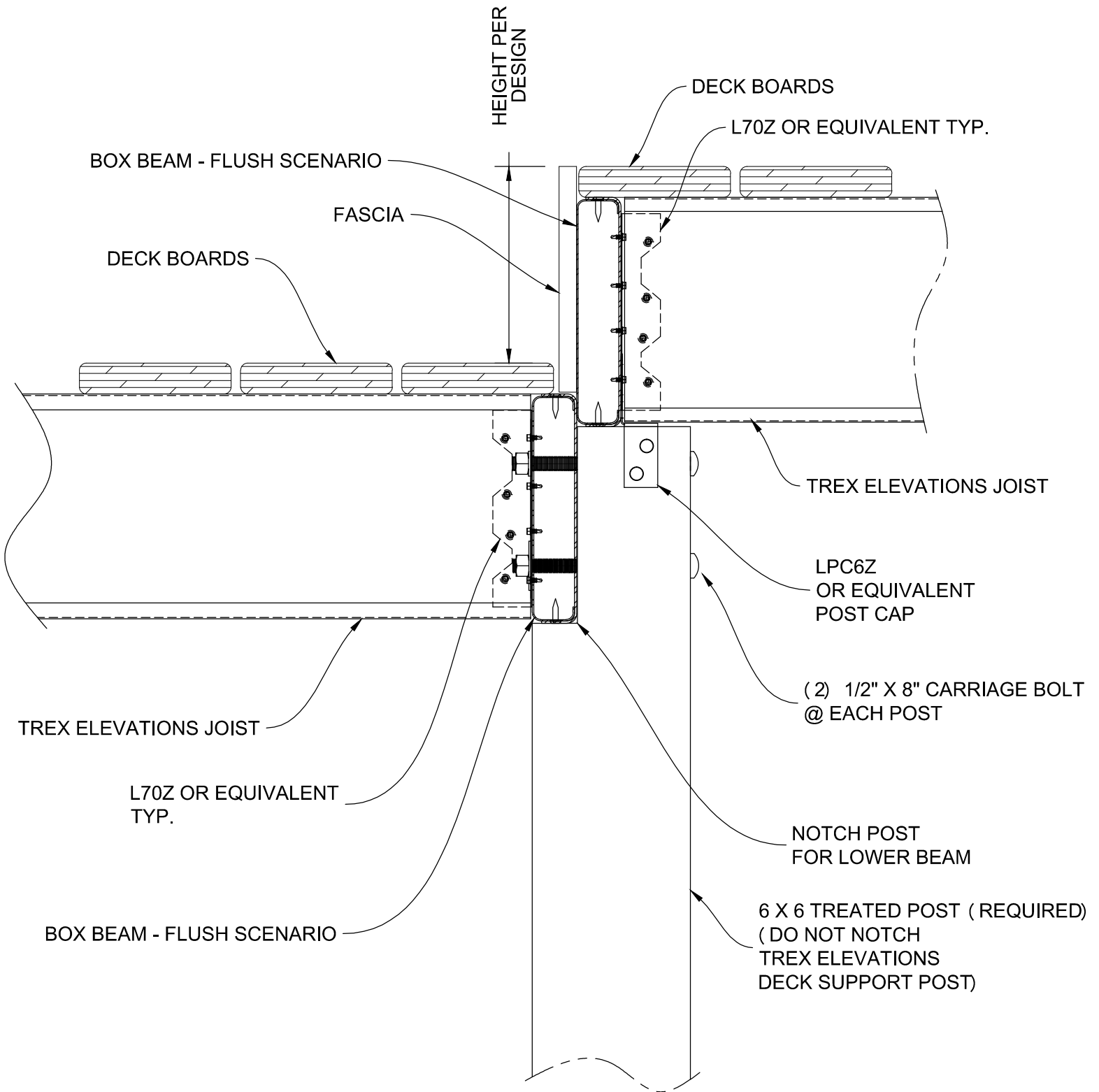
TREX ELEVATIONS JOIST ATTACHMENT TO DROPPED BEAM



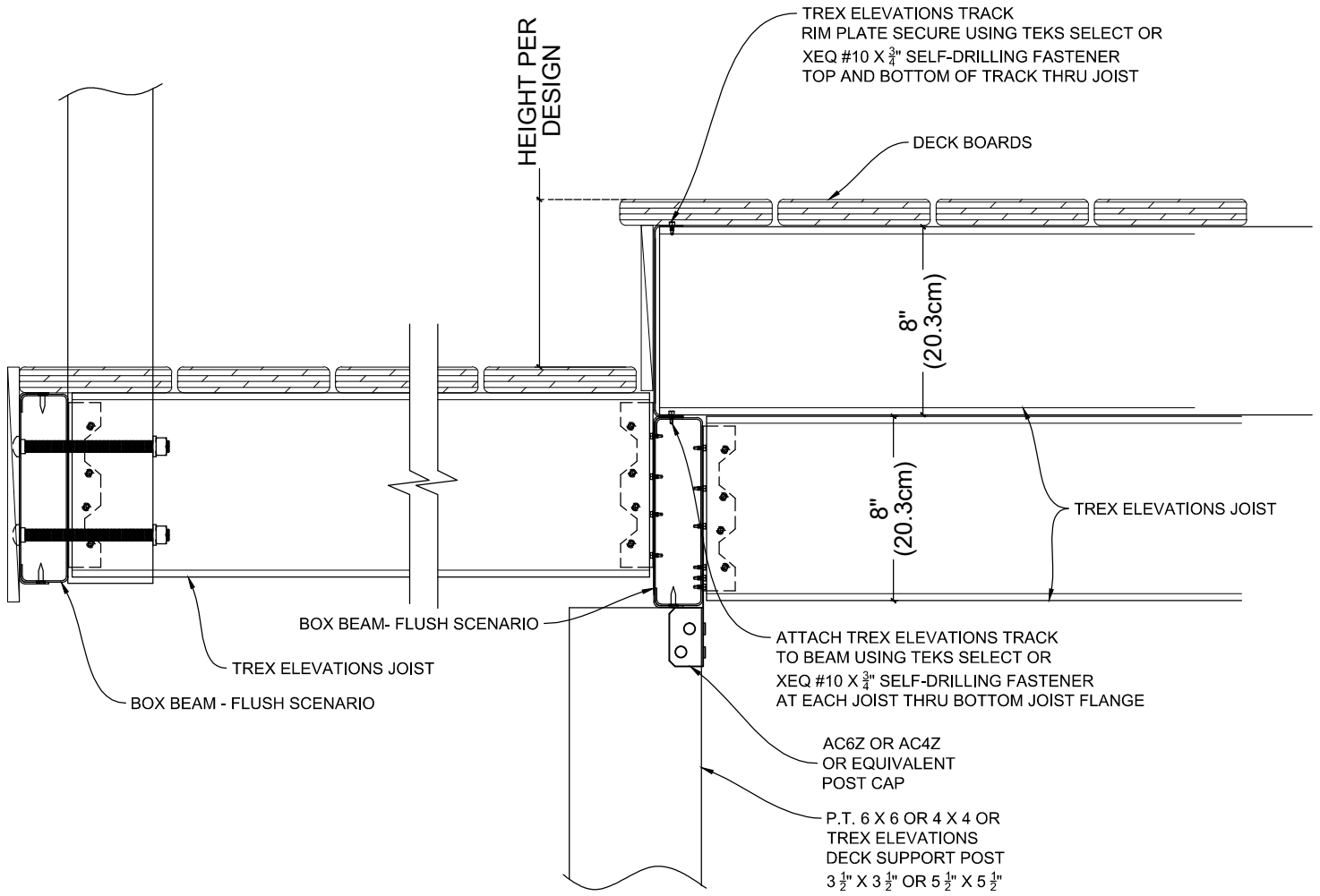
DROPPED BEAM NOTCHED POST ATTACHMENT (WOOD POST ONLY)



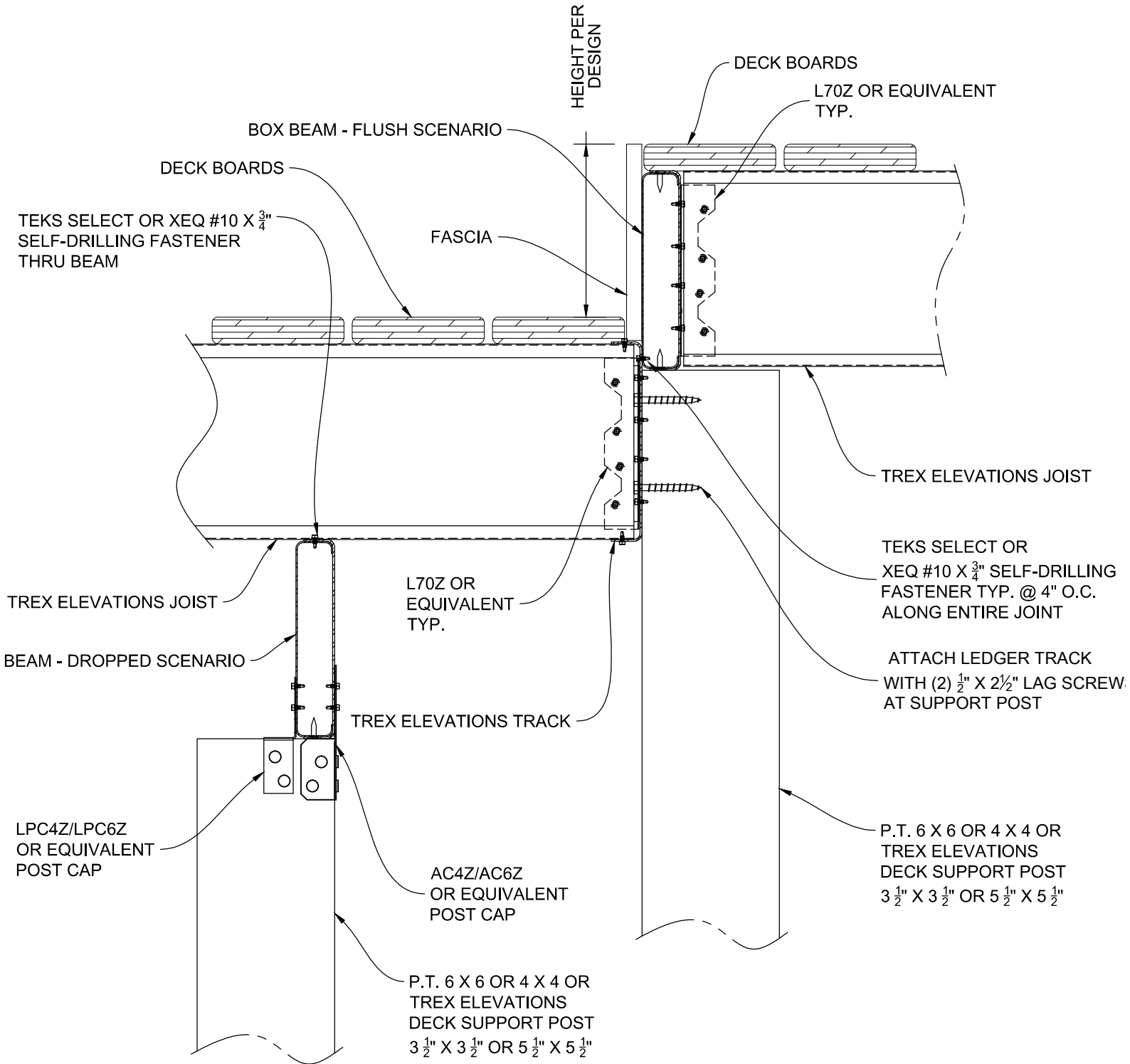
DOUBLE DROPPED BOX BEAM ATOP POST ATTACHMENT



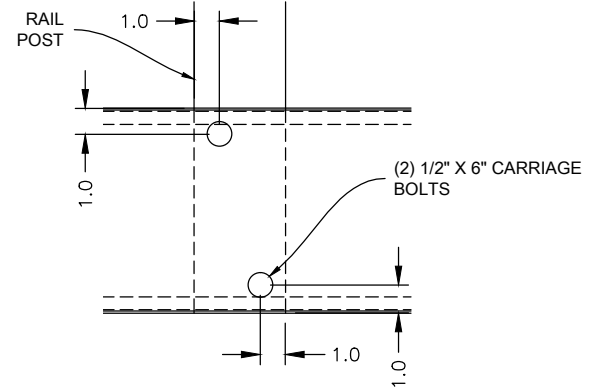
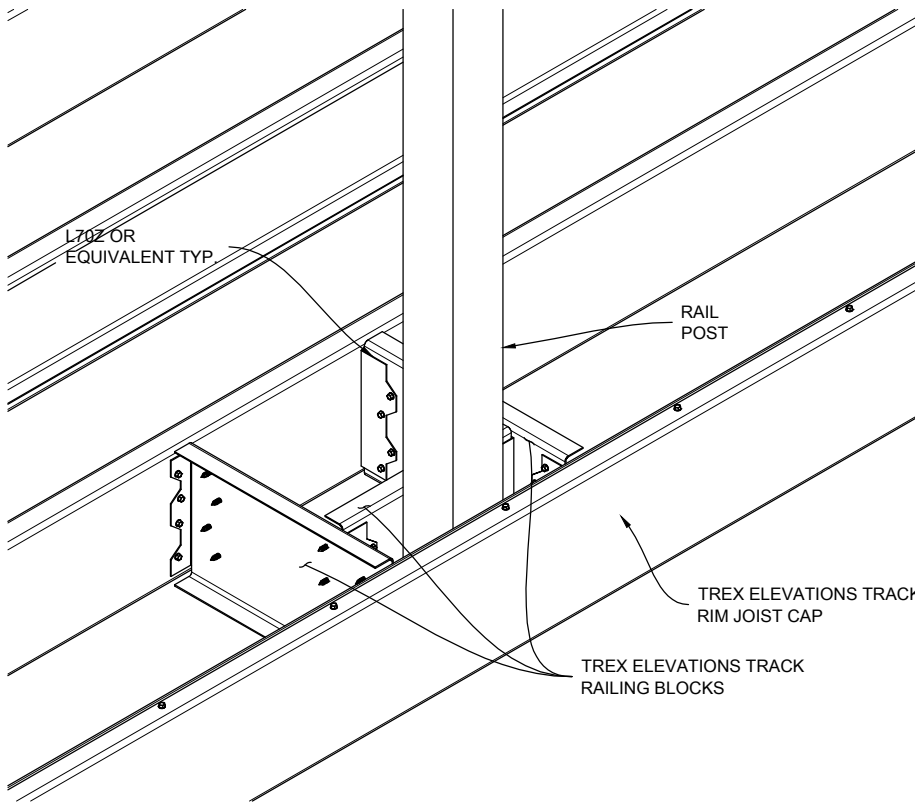
DECK LEVEL CHANGE FLUSH
BEAM SCENARIO



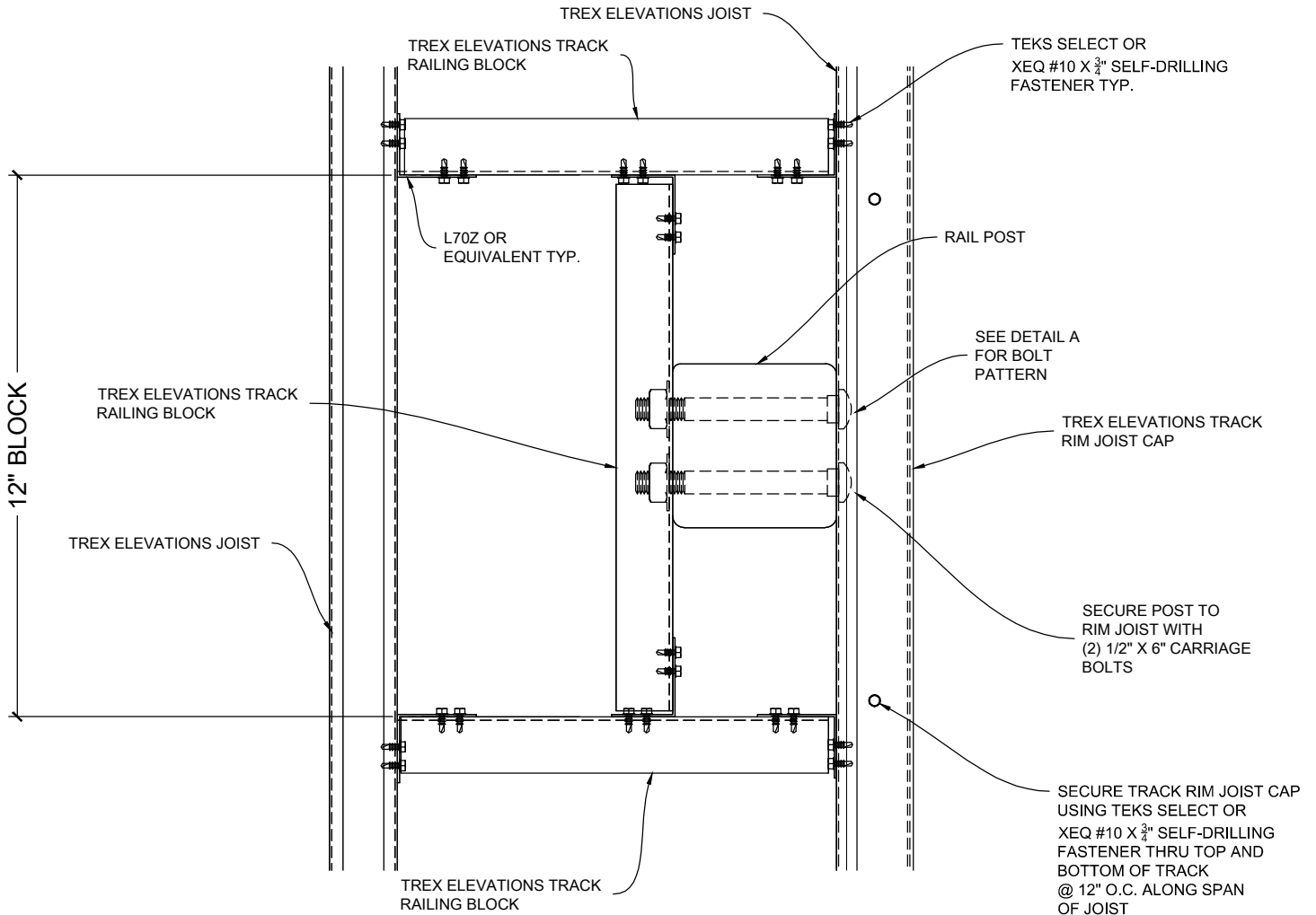
DECK LEVEL CHANGE



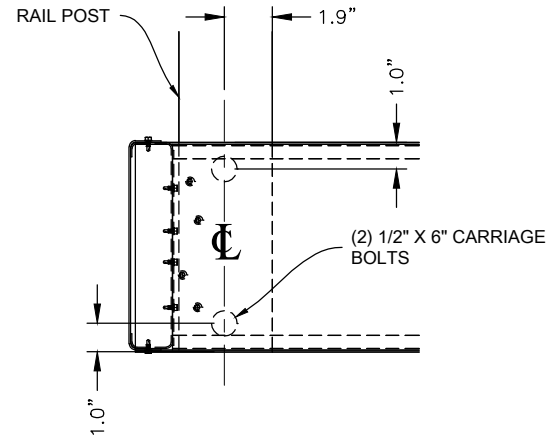
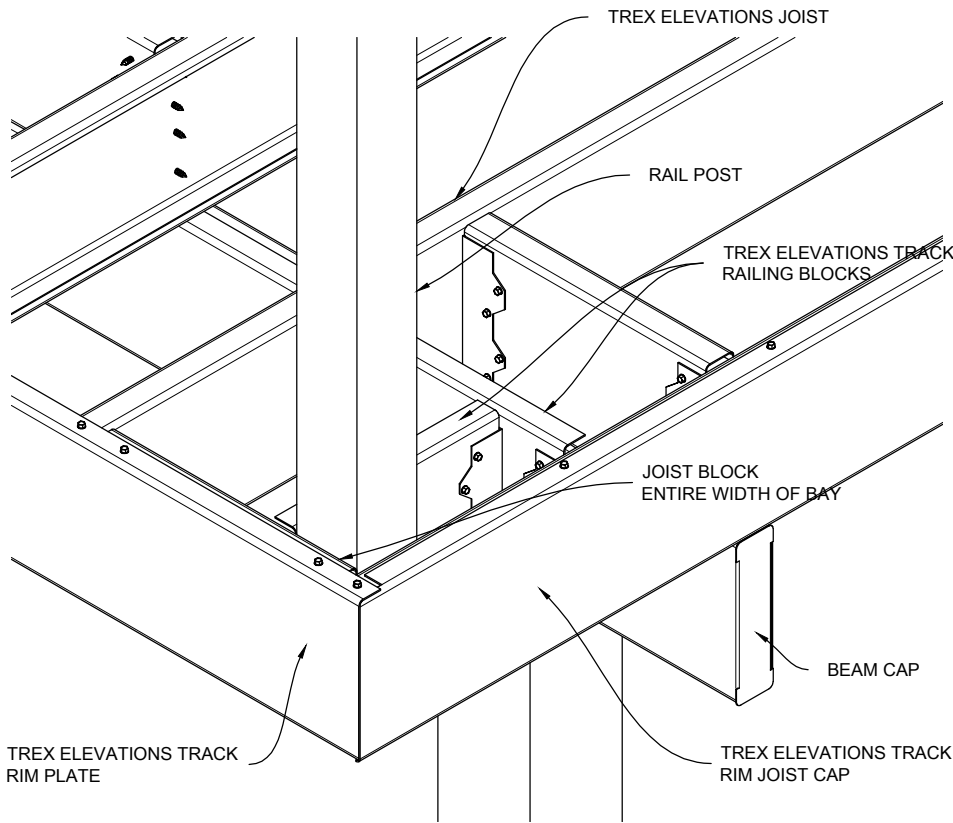
DECK LEVEL CHANGE LEDGER ATTACHMENT TO SUPPORT POST



DETAIL A
RAIL POST MOUNTING BOLT PATTERN

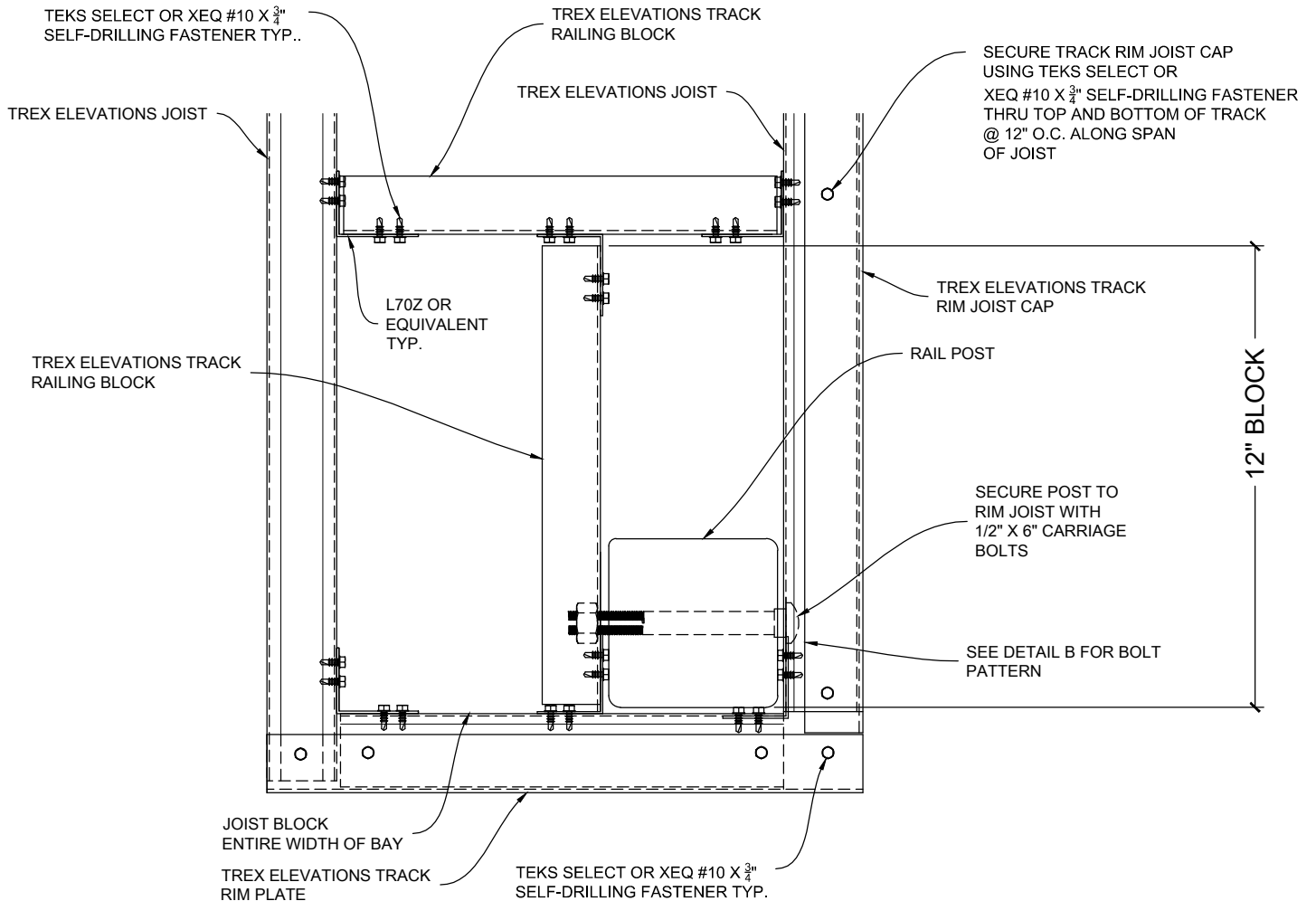


INSIDE POST ATTACHMENT AT RIM JOIST

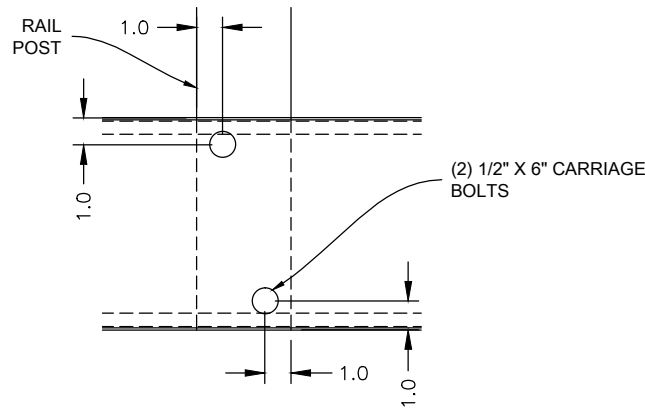
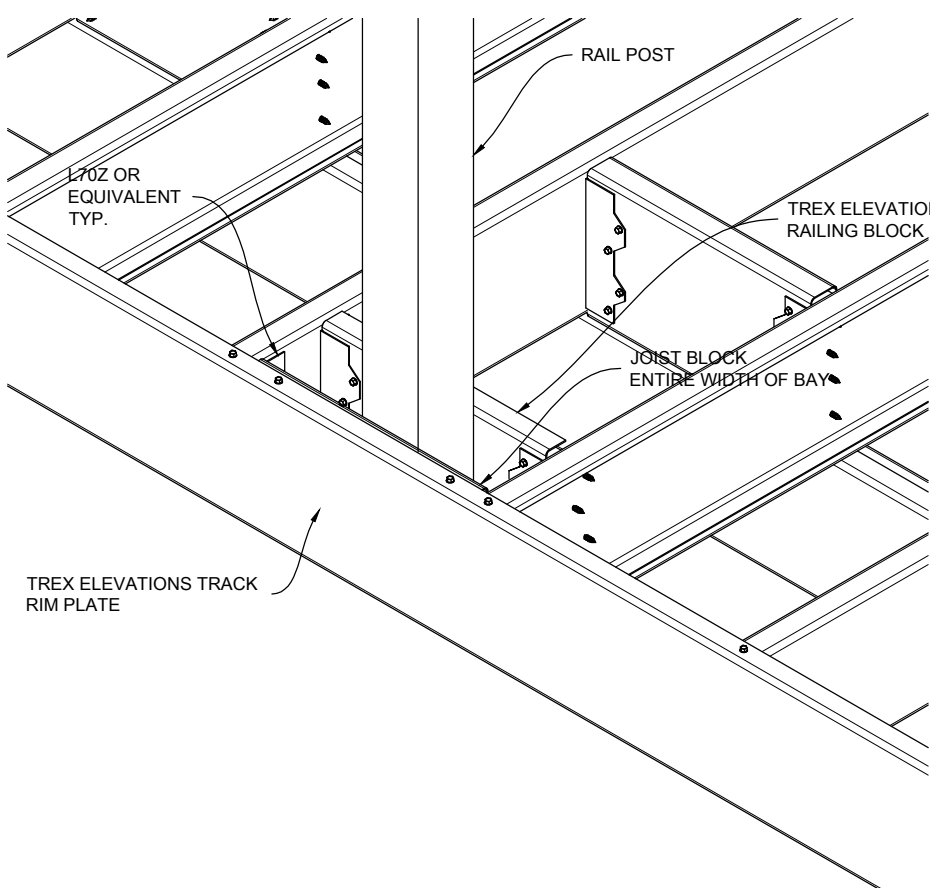


DETAIL B

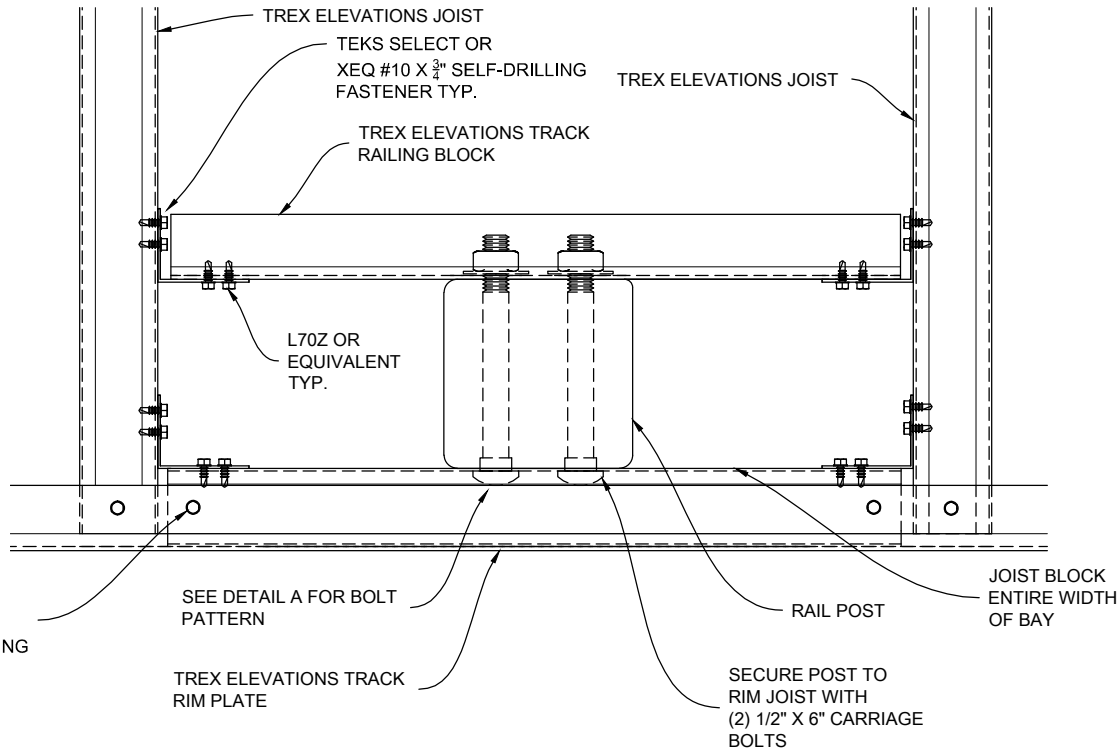
RAIL POST MOUNTING BOLT PATTERN



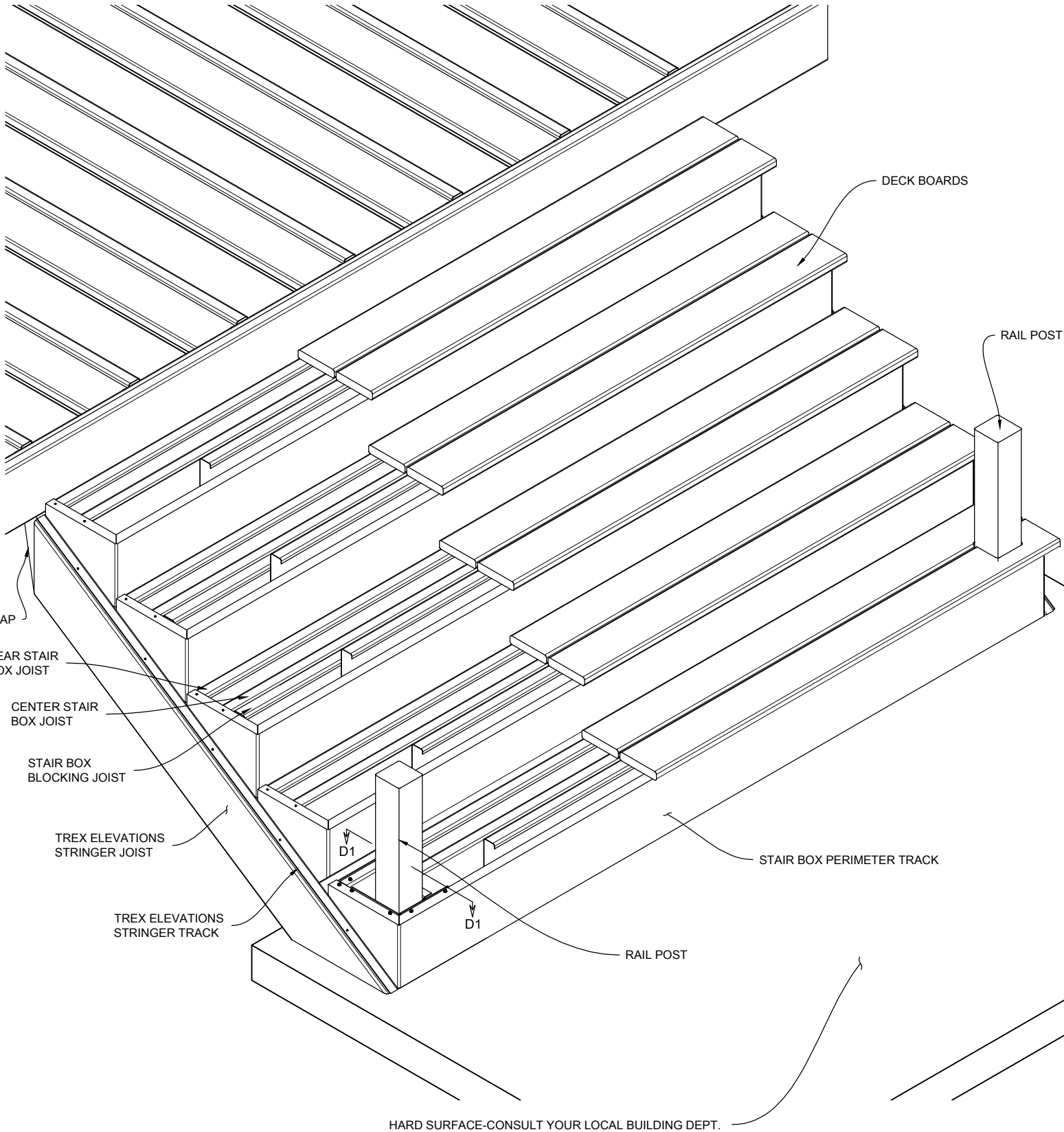
INSIDE POST ATTACHMENT AT CORNER



DETAIL A
RAIL POST MOUNTING BOLT PATTERN



INSIDE POST ATTACHMENT AT RIM PLATE



STRAIGHT STAIR SECTION - STAIR SHEET 1

CUT NOTCH 47°
FOR 90° BEND

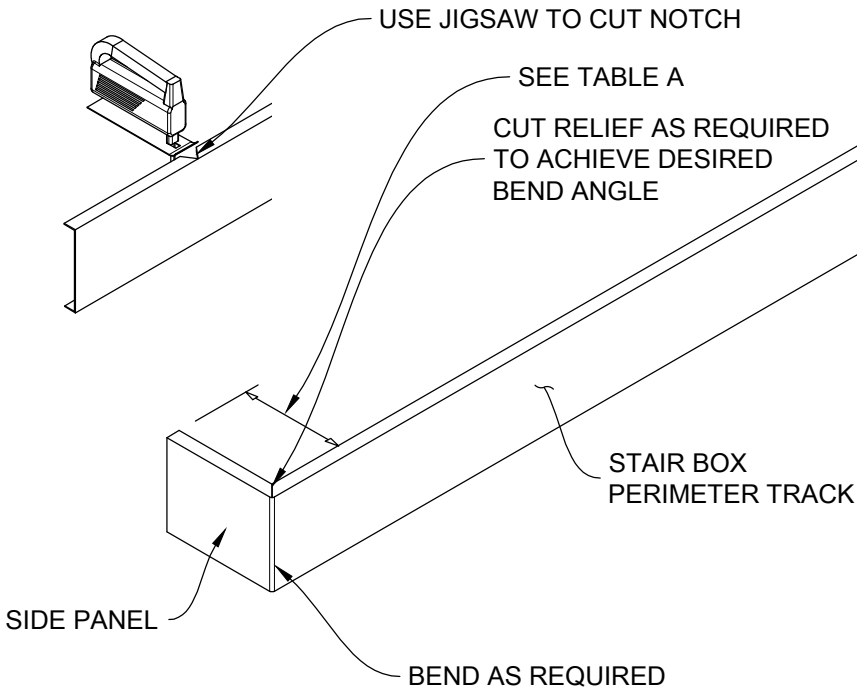
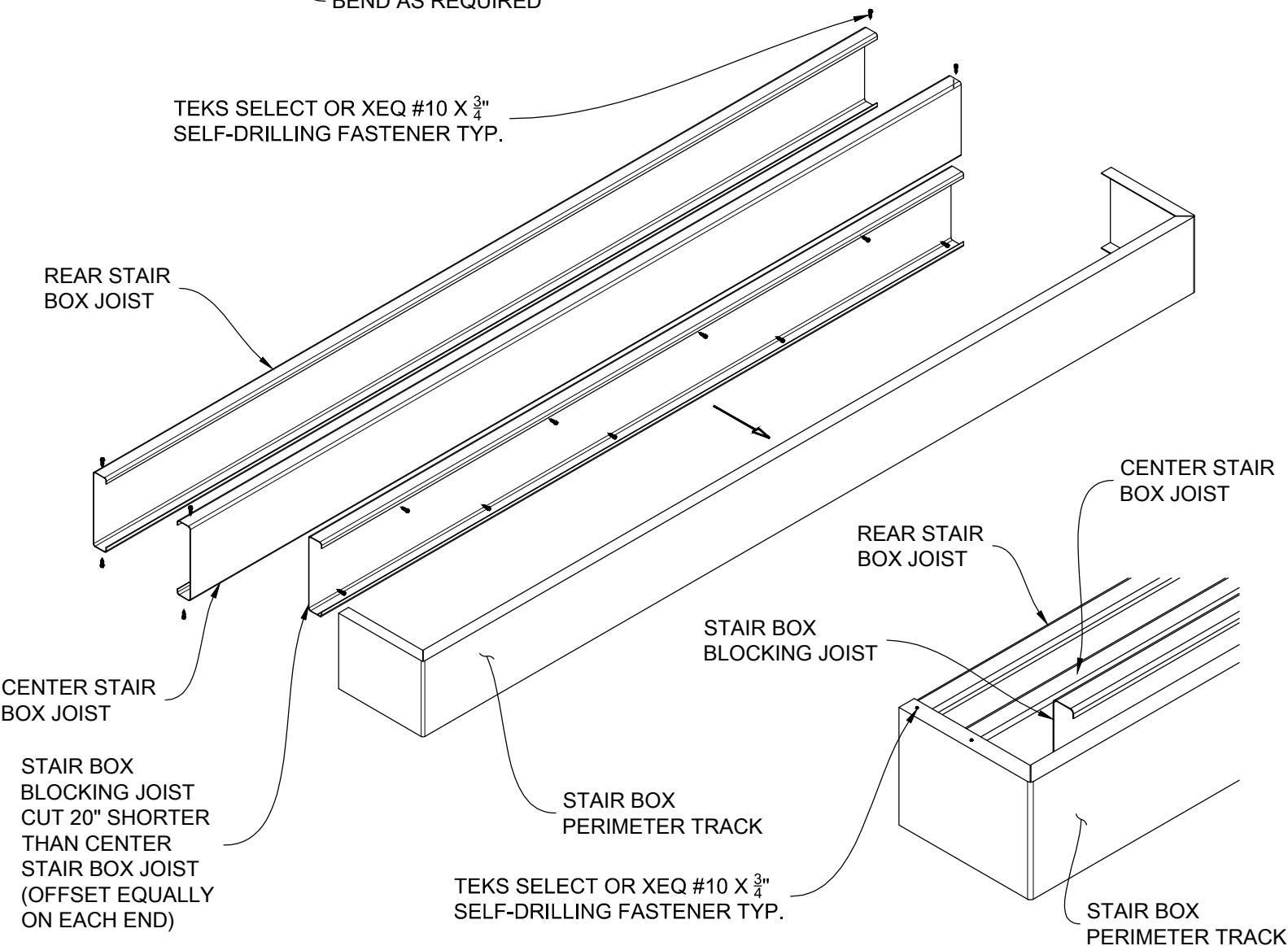
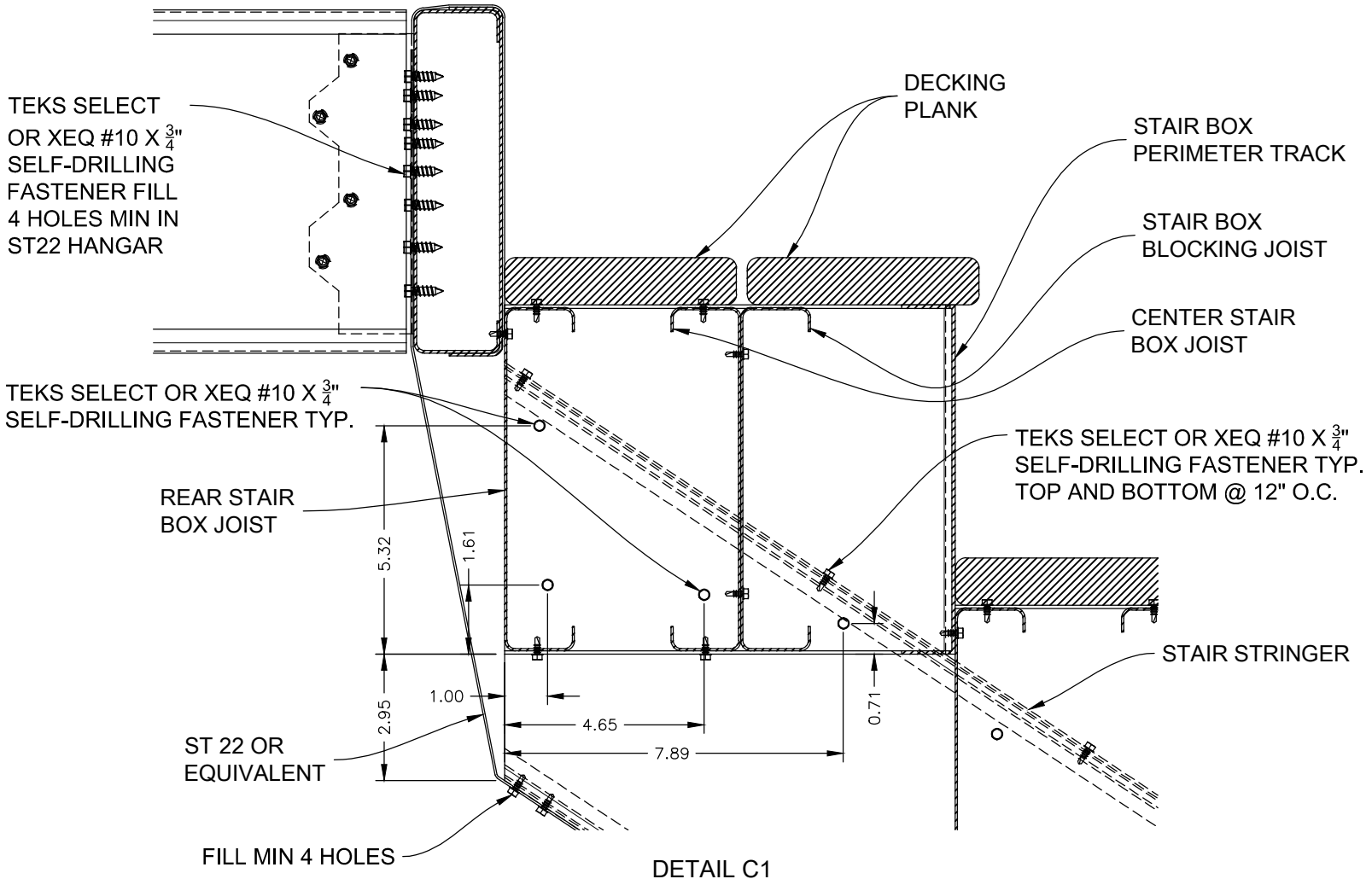
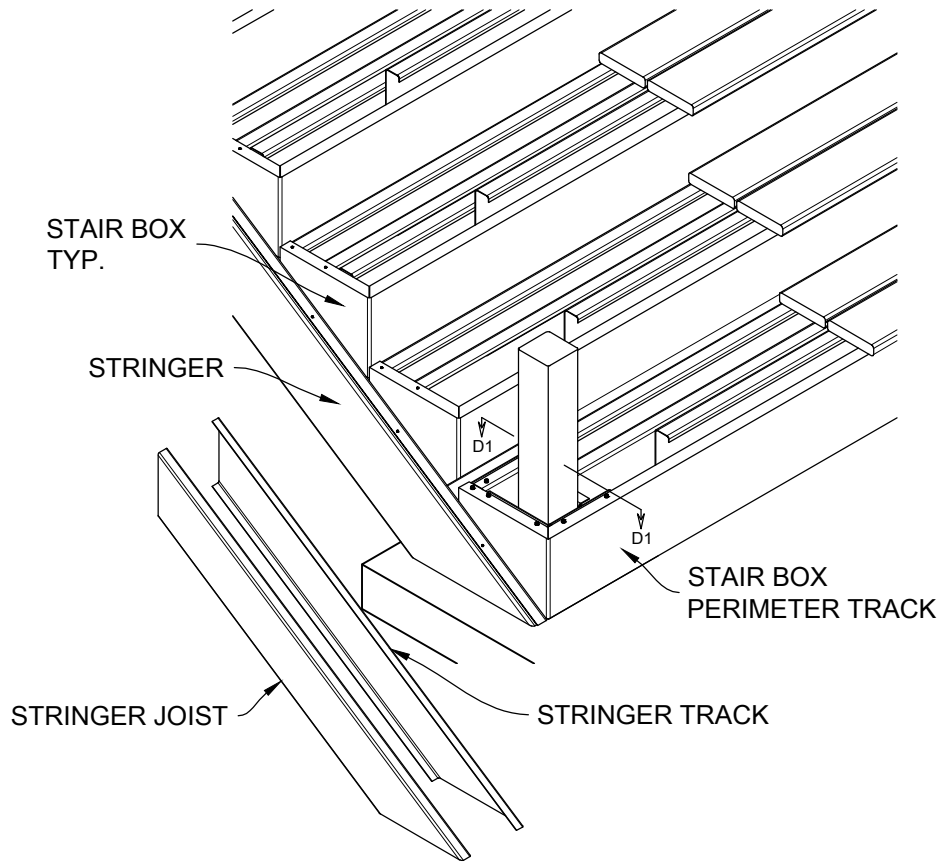
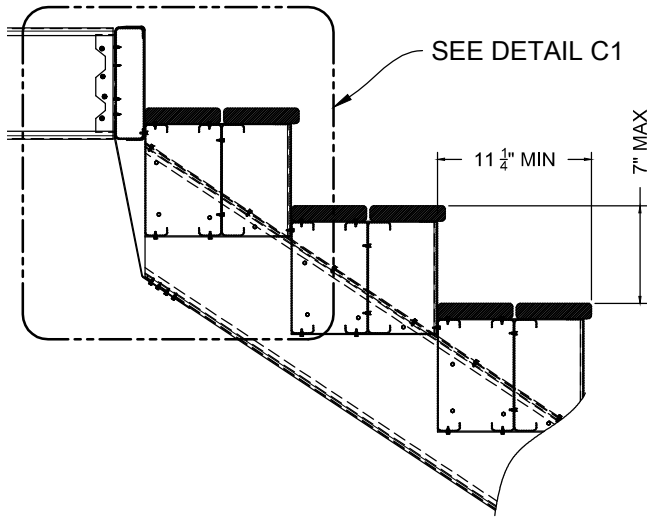


TABLE A		
3/4" BULL NOSE		
# OF DECK BOARDS	NO FASCIA	WITH 3/4" FASCIA
2	10.375"	9.625"
3	16.125"	15.375"

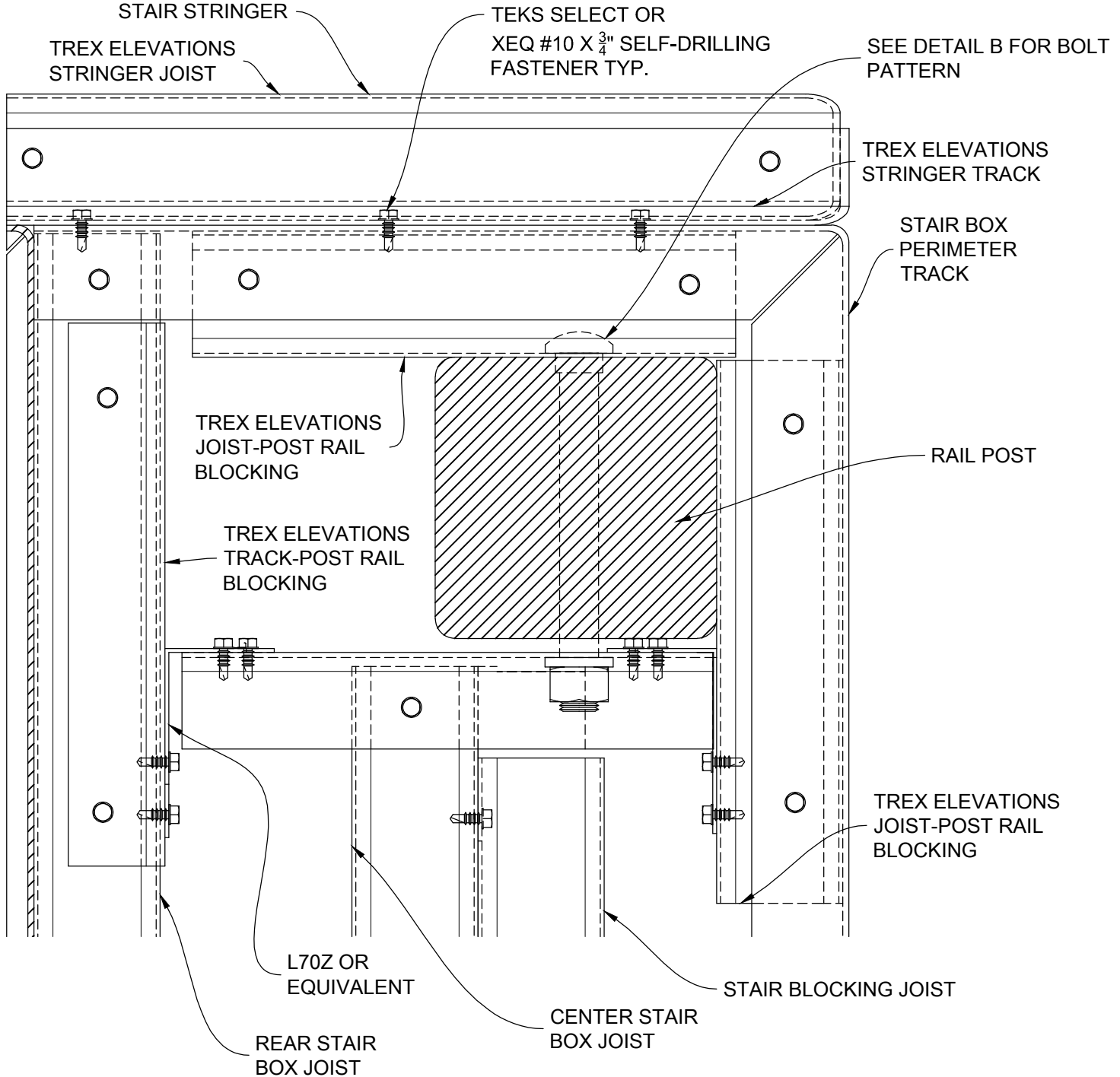
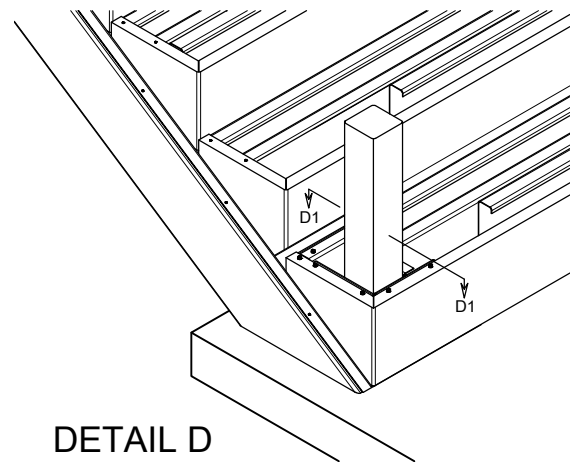
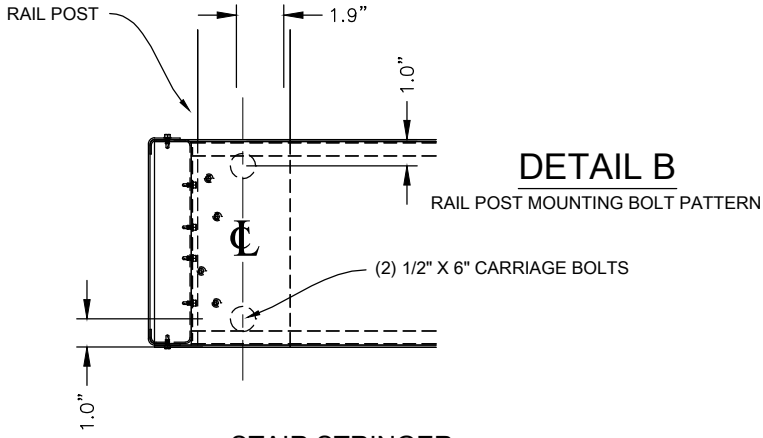


STAIR BOX ASSEMBLY - STAIR SHEET 2



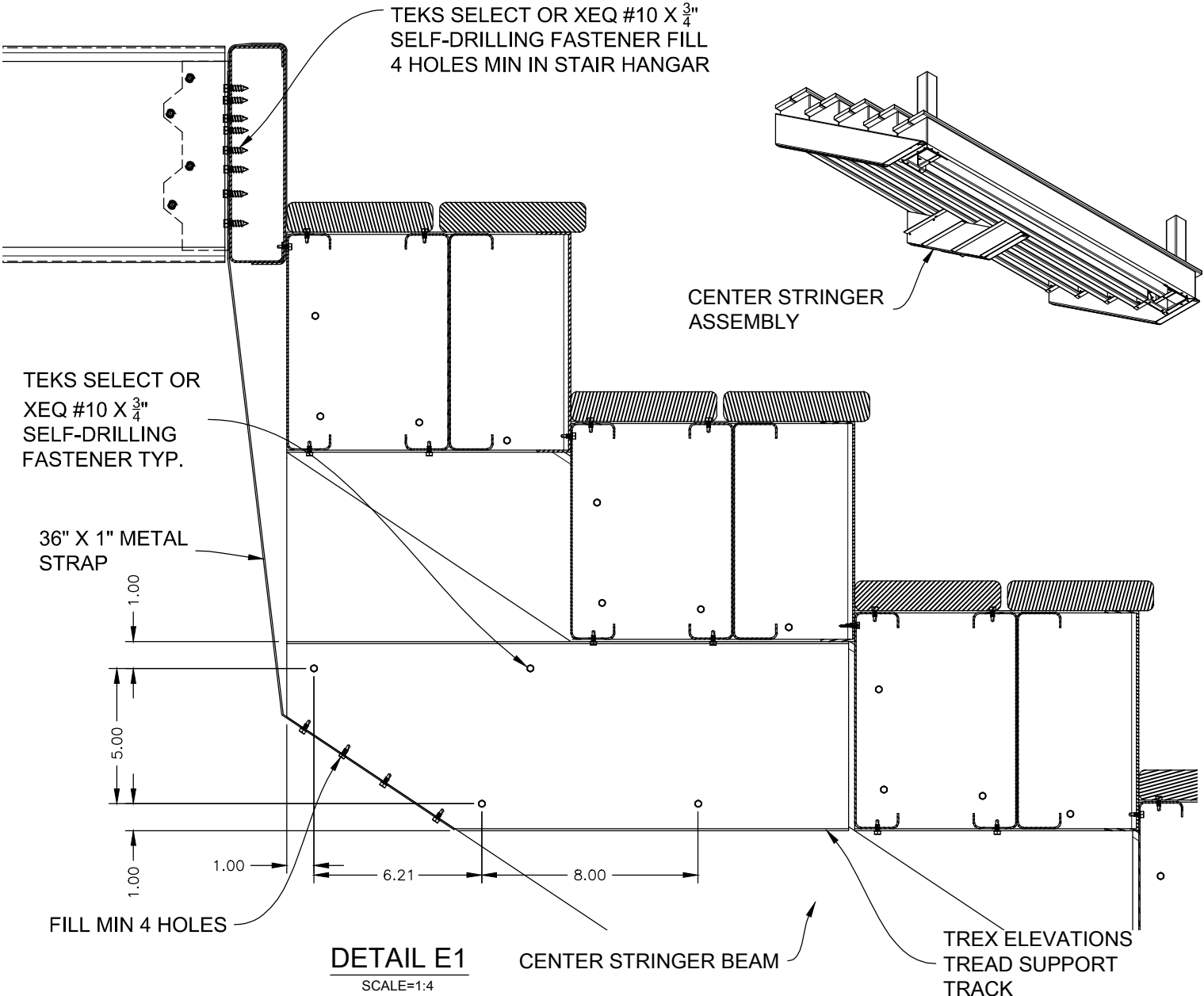
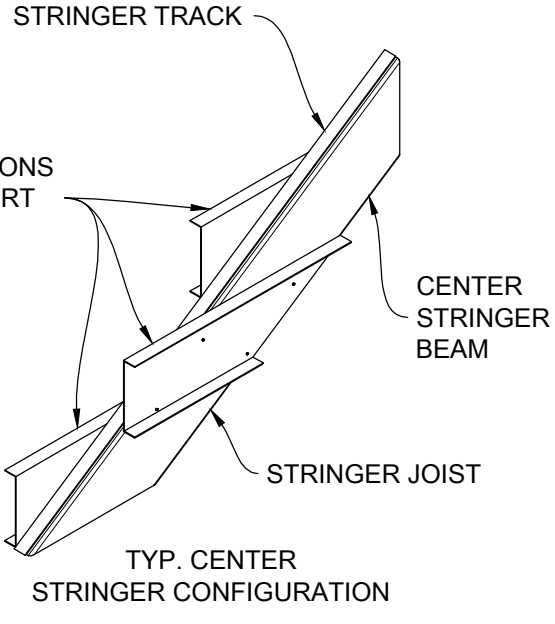
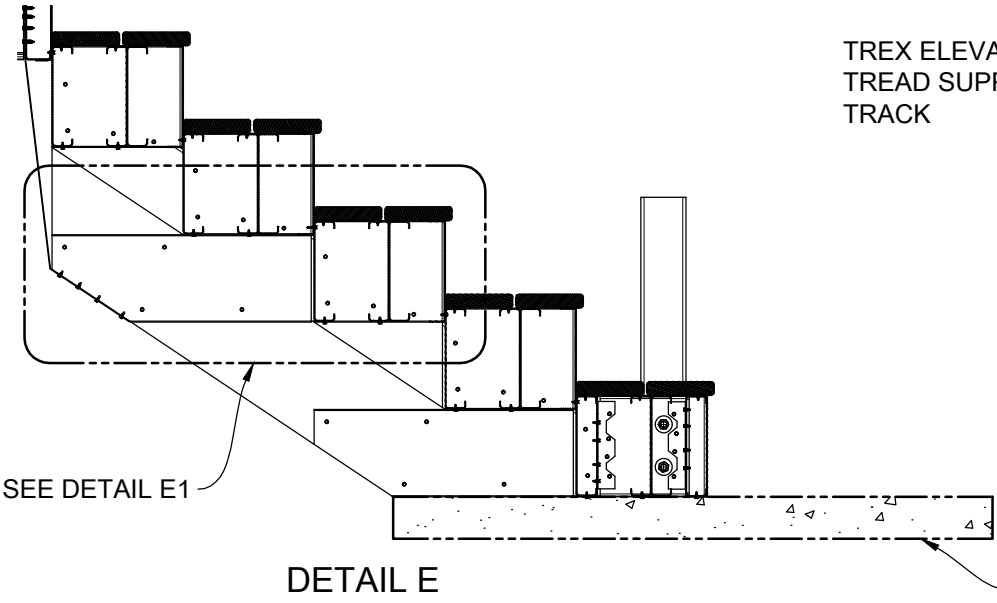
STAIR STRINGER ASSEMBLY - STAIR SHEET 3

STEEL DECK FRAMING

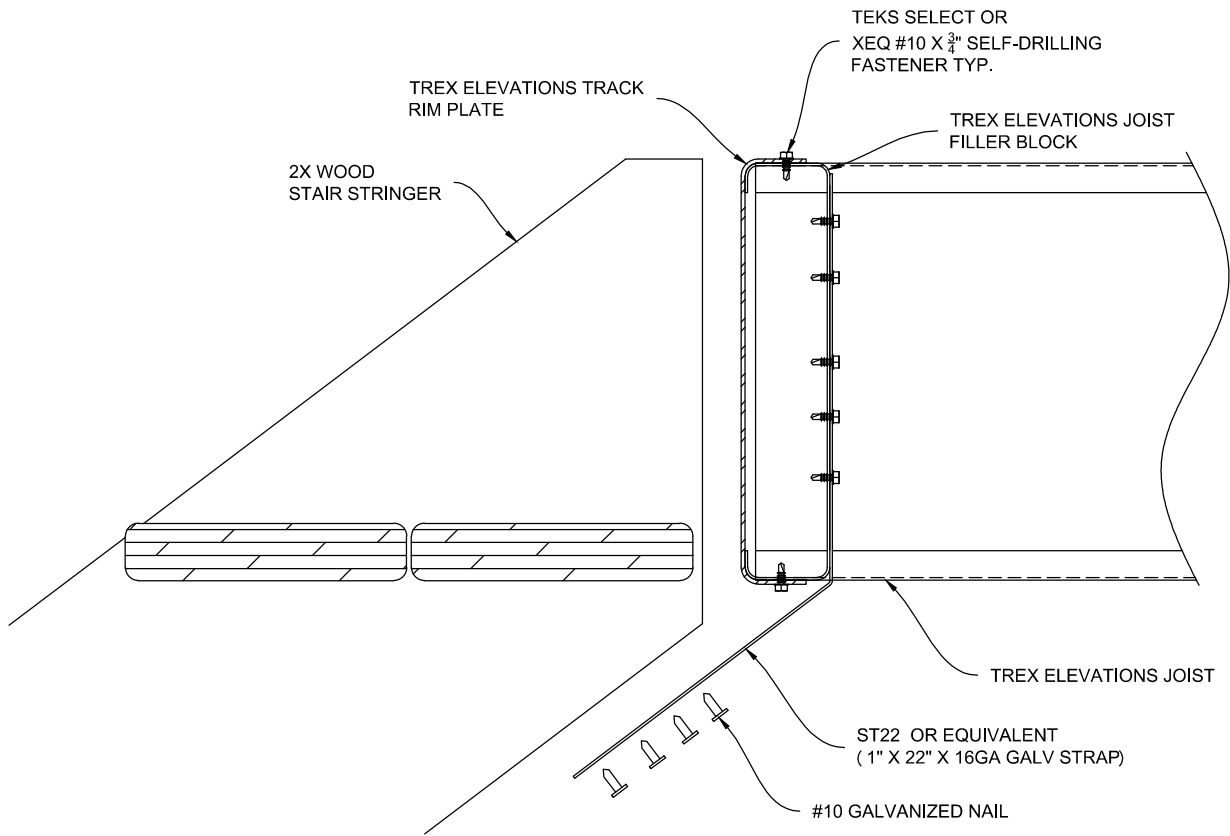


SECTION D1-D1

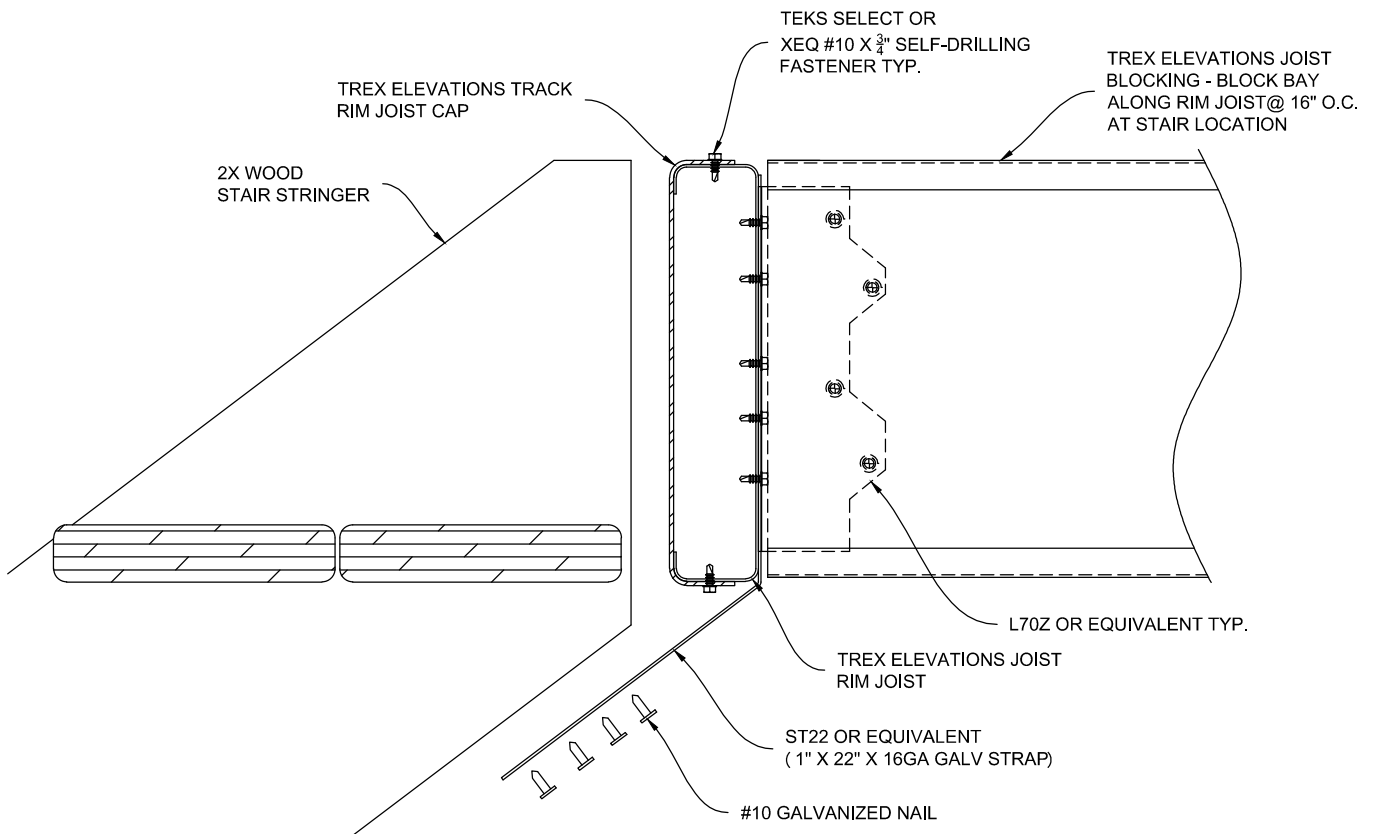
STAIR RAILING POST ATTACHMENT - STAIR SHEET 4



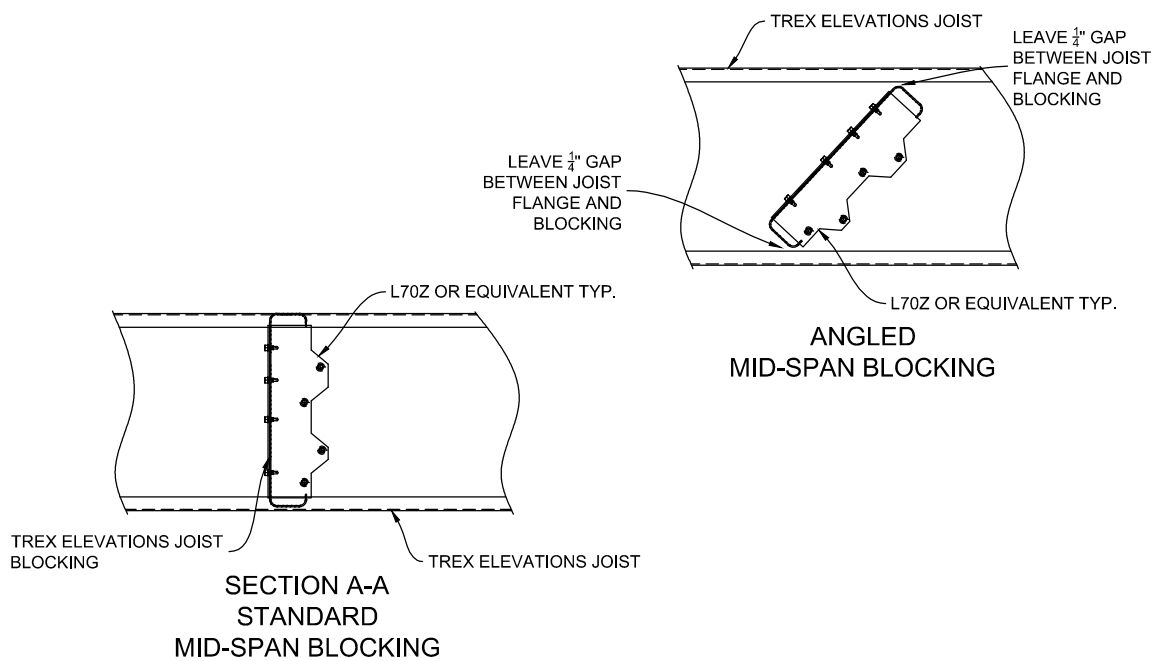
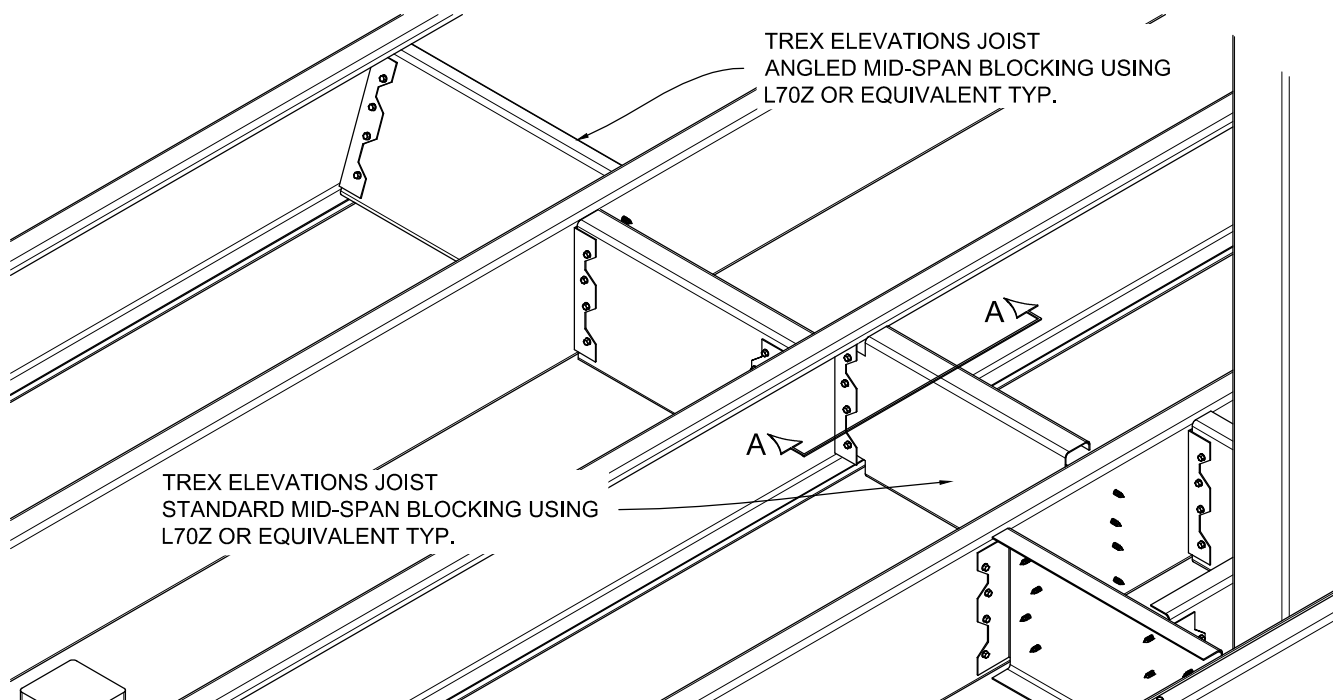
STAIR CENTER STRINGER ASSEMBLY - STAIR SHEET 5



WOOD STAIR ATTACHMENT TO RIM PLATE



WOOD STAIR ATTACHMENT TO RIM JOIST CAP



MID-SPAN BLOCKING

TREX ELEVATIONS BEAM

RIM JOIST ASSEMBLY

APPROXIMATELY
 $\frac{1}{3}$
OF POST
LENGTH

Y-BRACE

Y-BRACE

BEAM CAP

POST

TREX ELEVATIONS BEAM

RIM JOIST ASSEMBLY

BEAM CAP

L70Z OR
EQUIVALENT

L70Z OR
EQUIVALENT

45°

45°

L70Z OR
EQUIVALENT

L70Z OR
EQUIVALENT

TREX ELEVATIONS TRACK

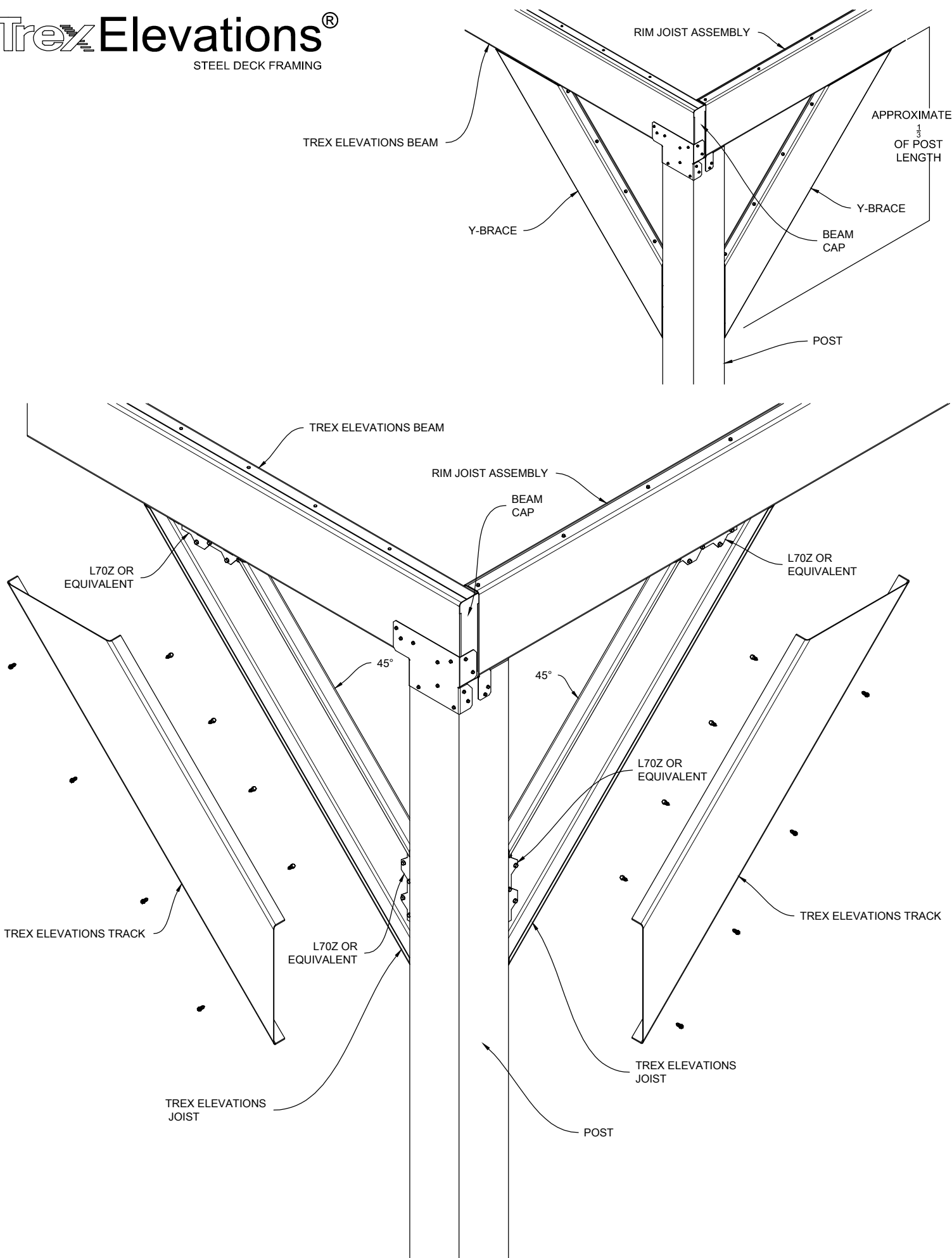
TREX ELEVATIONS TRACK

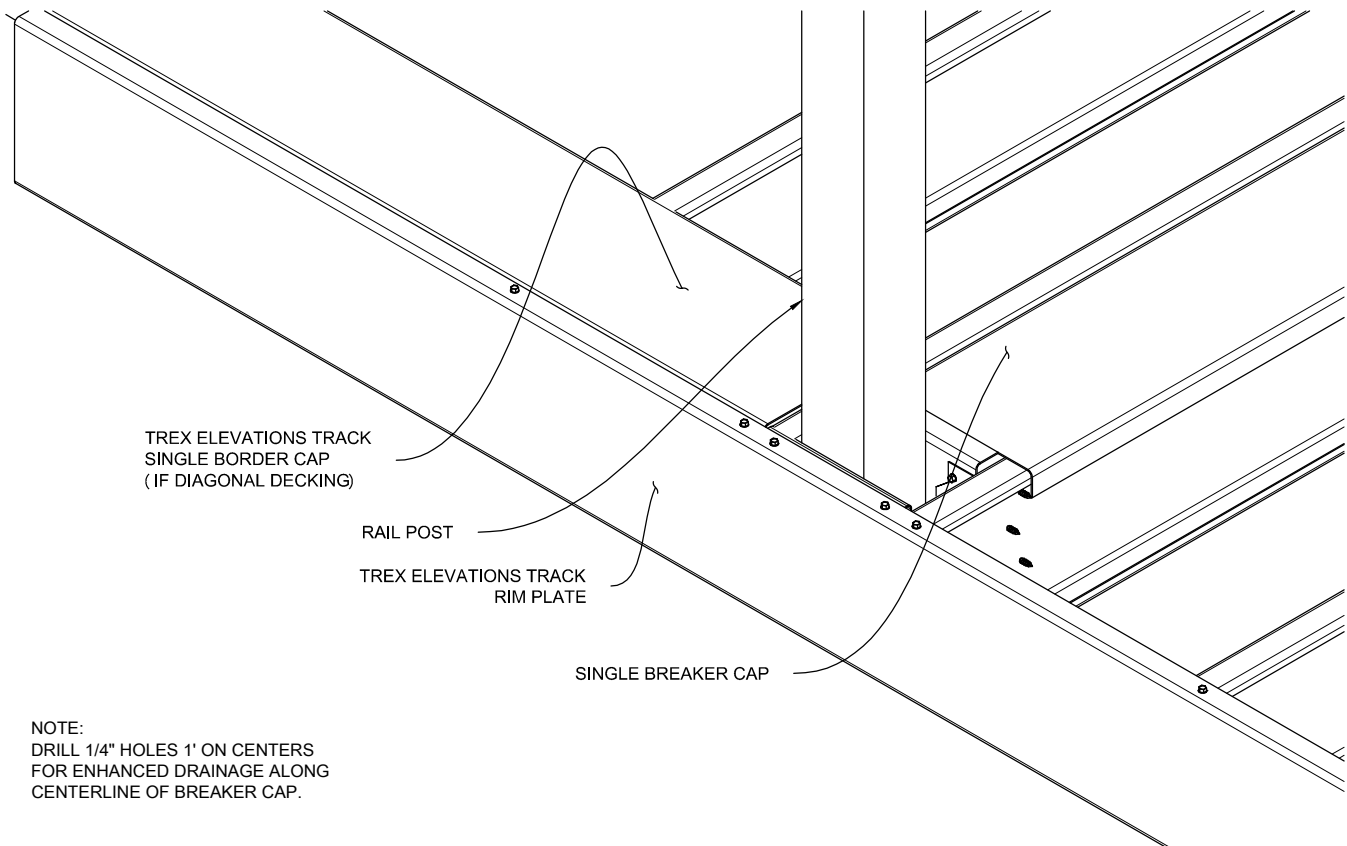
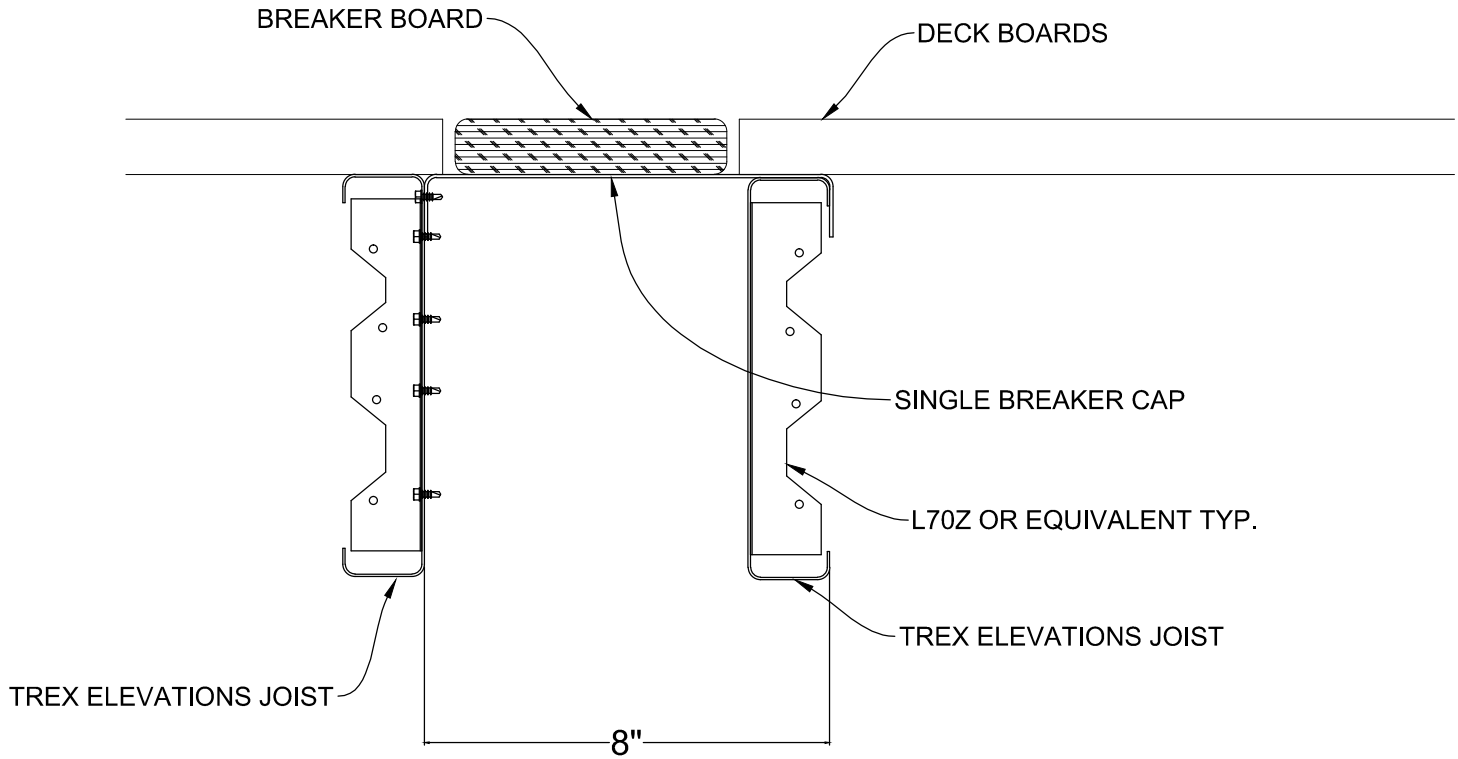
TREX ELEVATIONS
JOIST

TREX ELEVATIONS
JOIST

POST

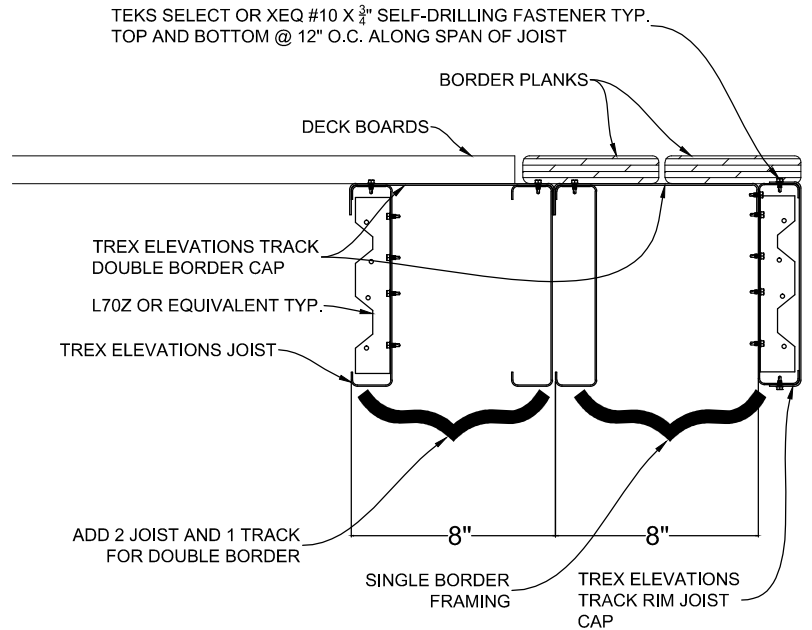
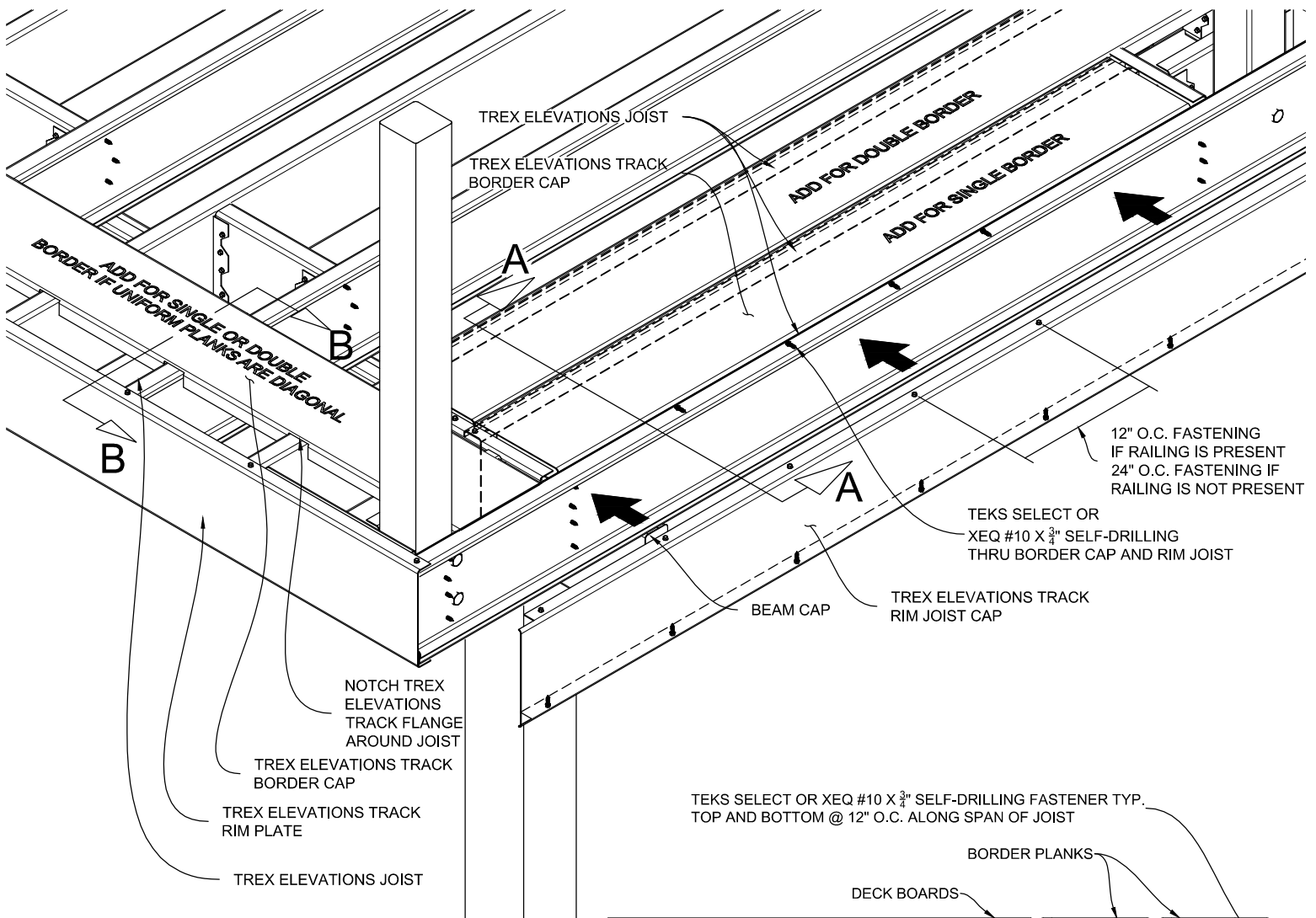
Y - BRACING POST TO BEAM



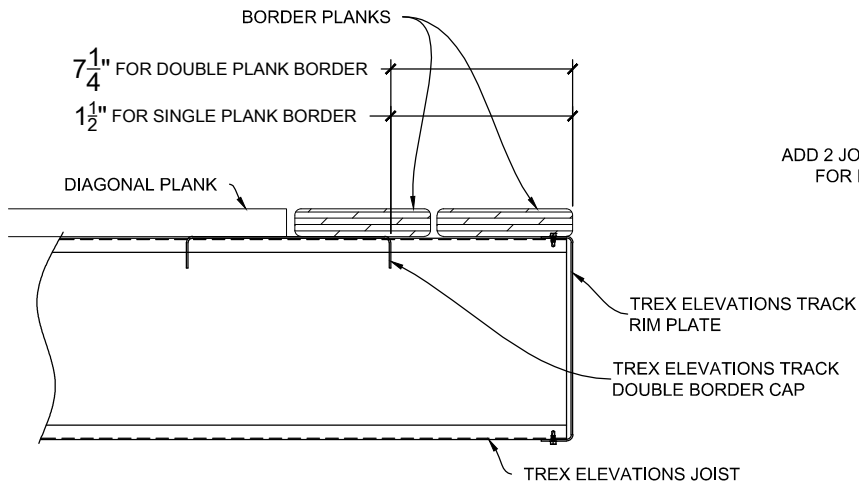


NOTE:
DRILL 1/4" HOLES 1' ON CENTERS
FOR ENHANCED DRAINAGE ALONG
CENTERLINE OF BREAKER CAP.

SINGLE BREAKER BOARD FRAMING

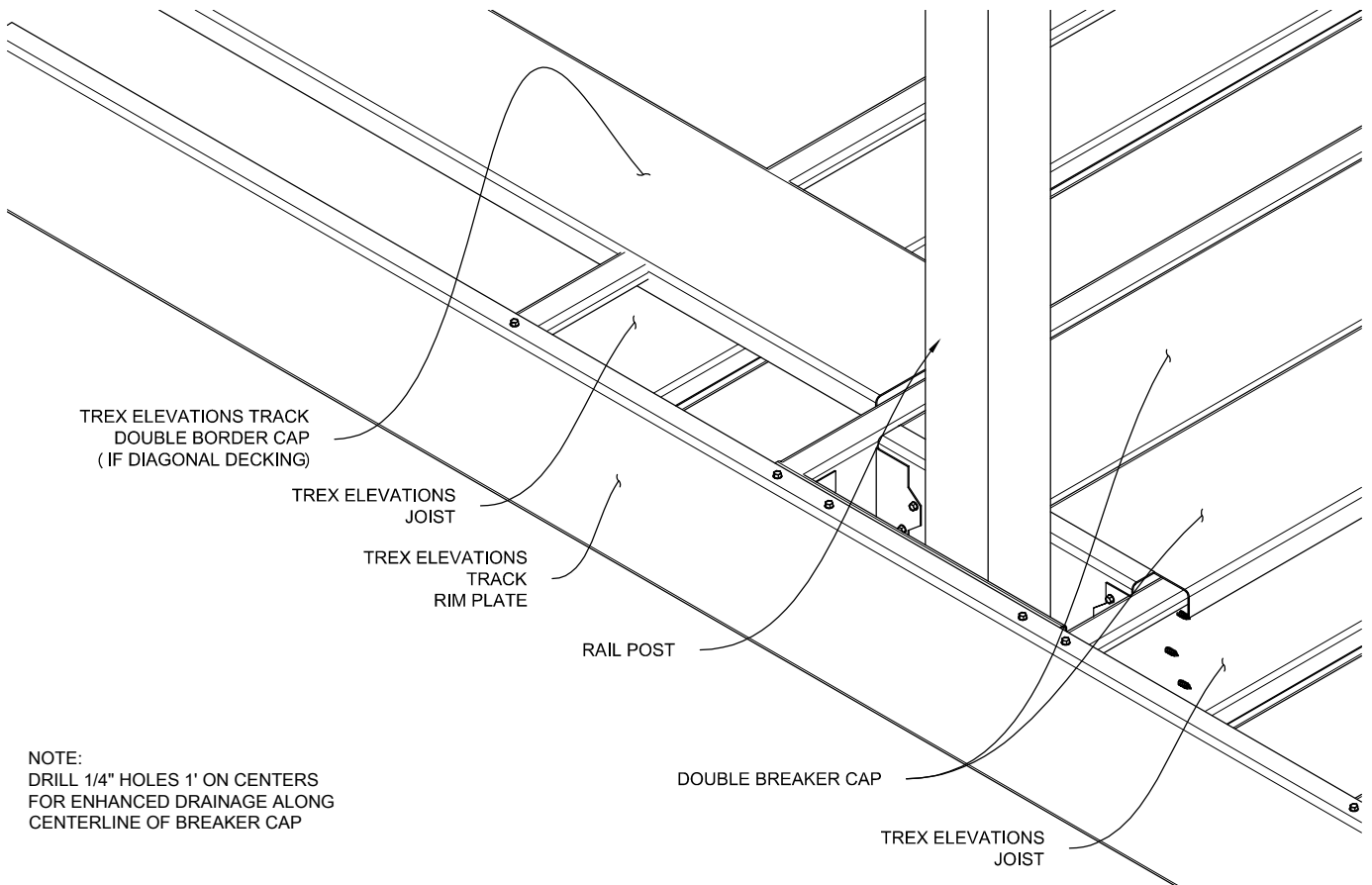
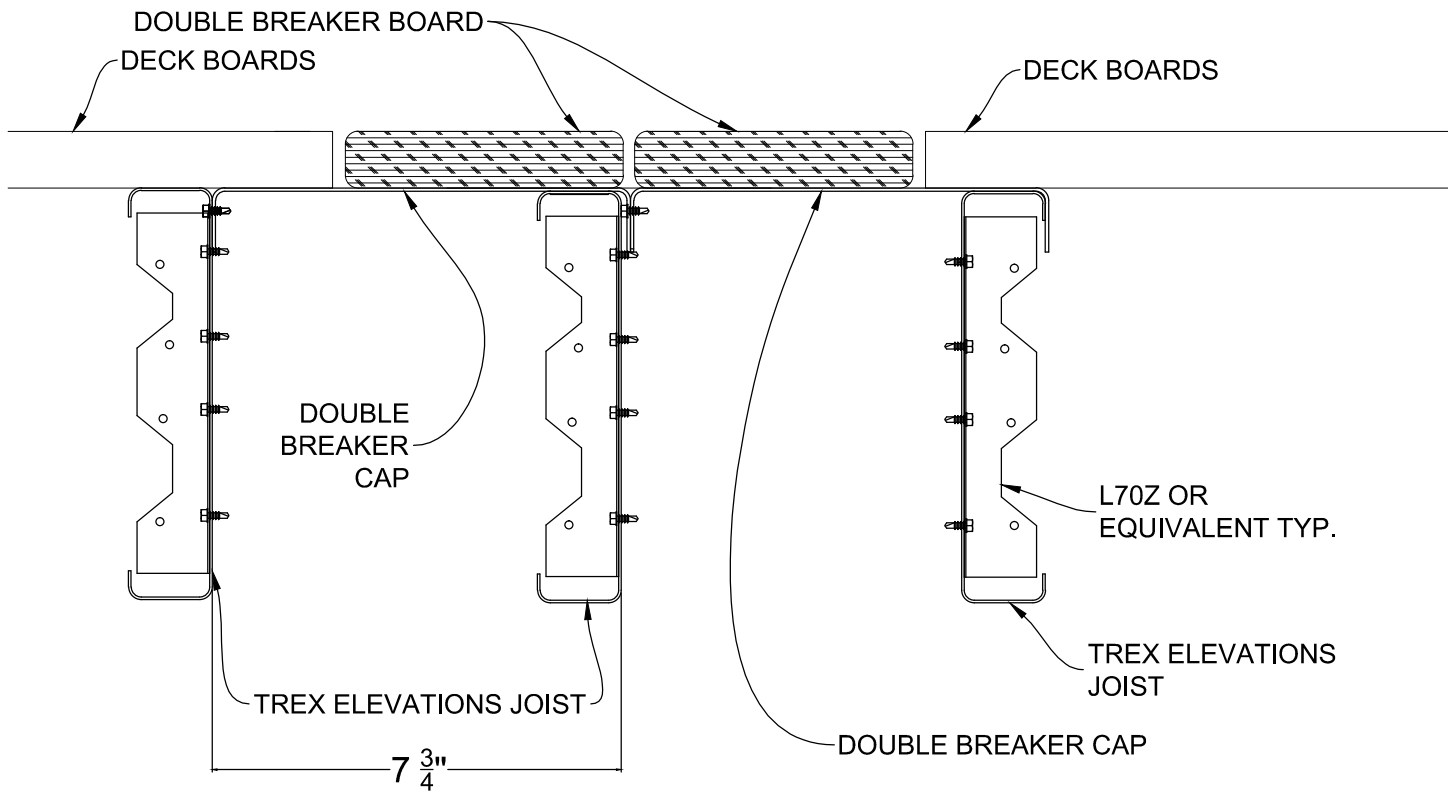


SECTION A-A



SECTION B-B

FRAME FOR SINGLE AND DOUBLE BORDERS

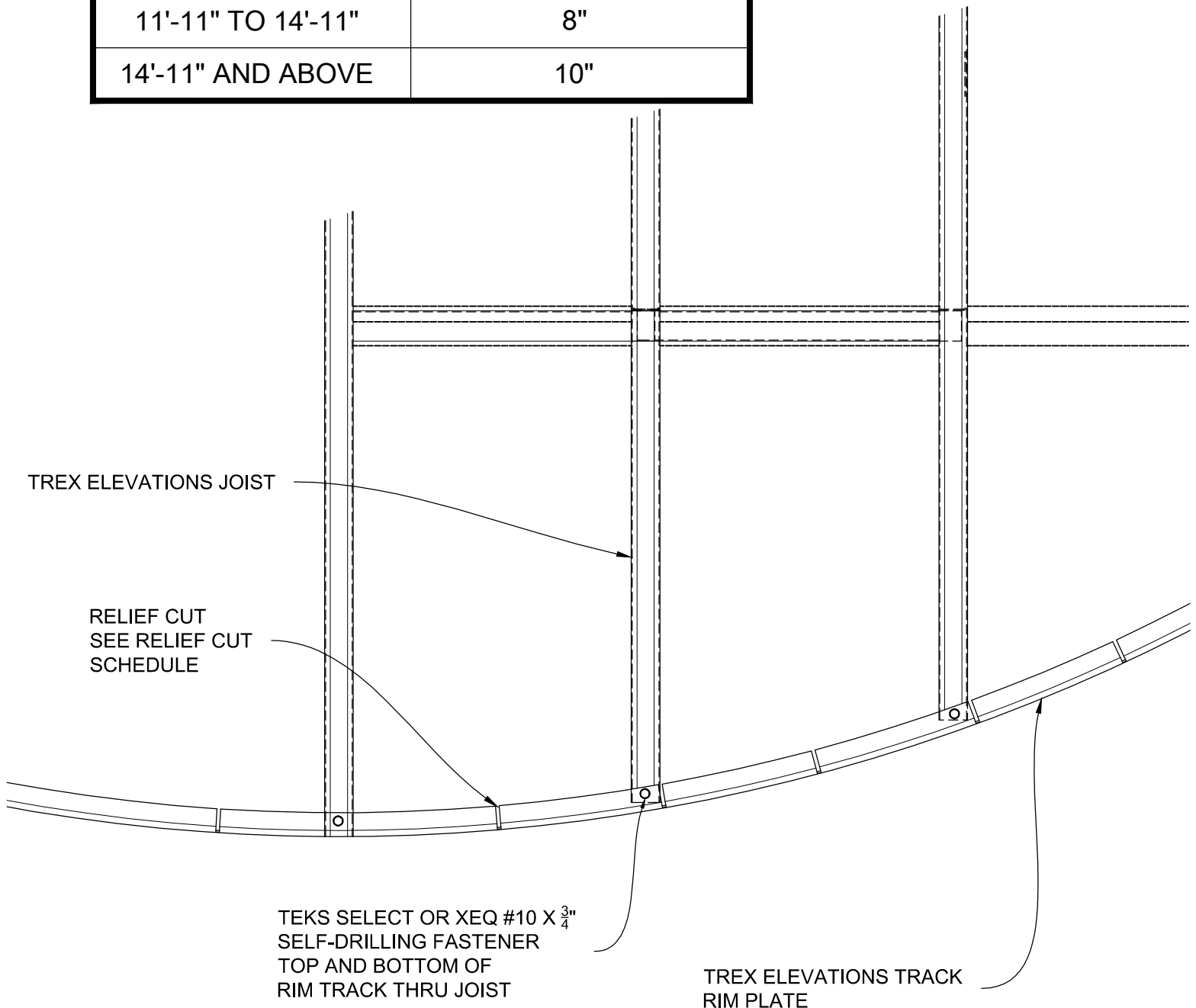


NOTE:
DRILL 1/4" HOLES 1' ON CENTERS
FOR ENHANCED DRAINAGE ALONG
CENTERLINE OF BREAKER CAP

DOUBLE BREAKER BOARD FRAMING

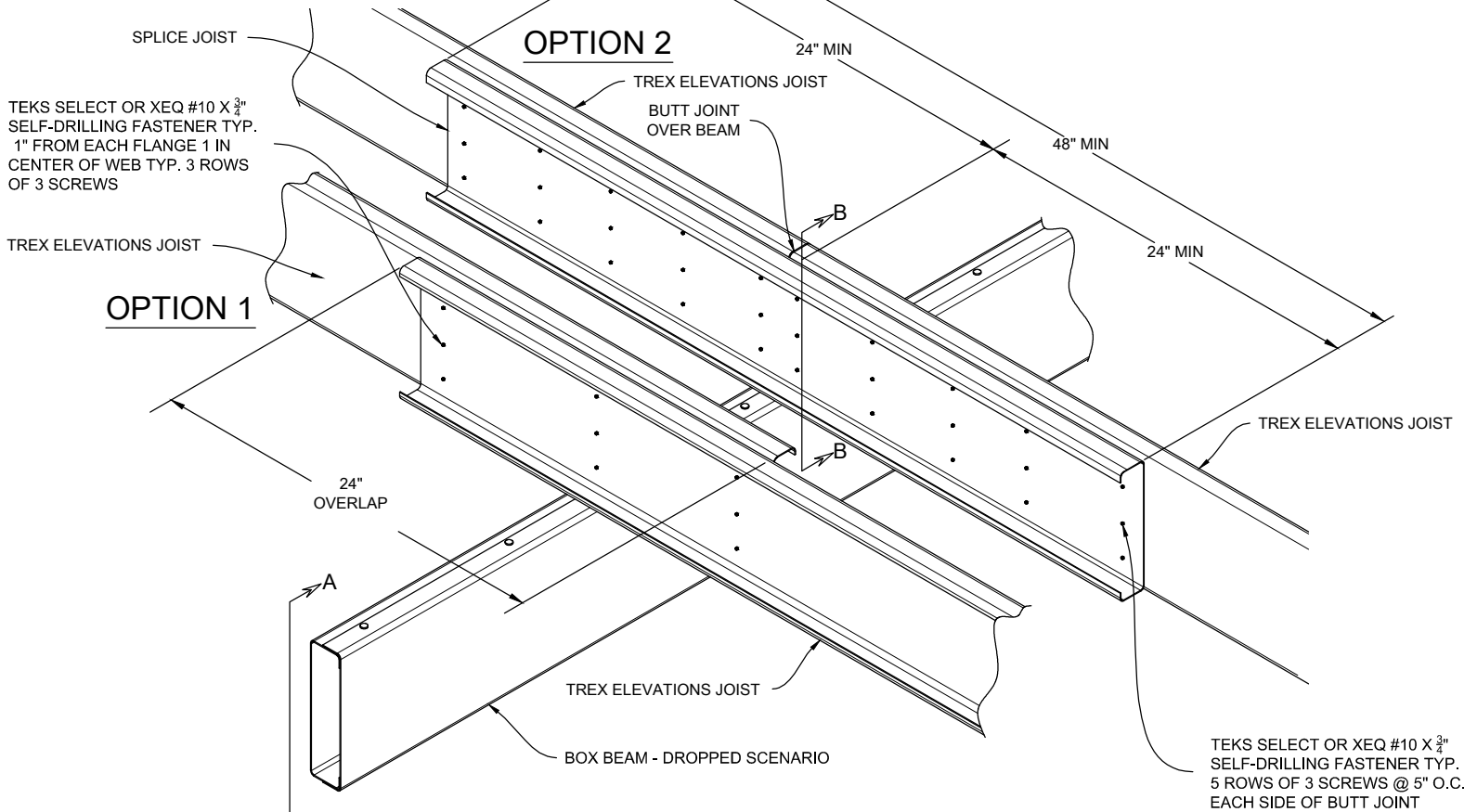
**RELIEF CUT SCHEDULE
TREX ELEVATIONS TRACK TOP
AND BOTTOM FLANGE**

RADIUS	RADIUS
3'-0" TO 5'-11"	2"
5'-11" TO 8'-11"	4"
8'-11" TO 11'-11"	6"
11'-11" TO 14'-11"	8"
14'-11" AND ABOVE	10"



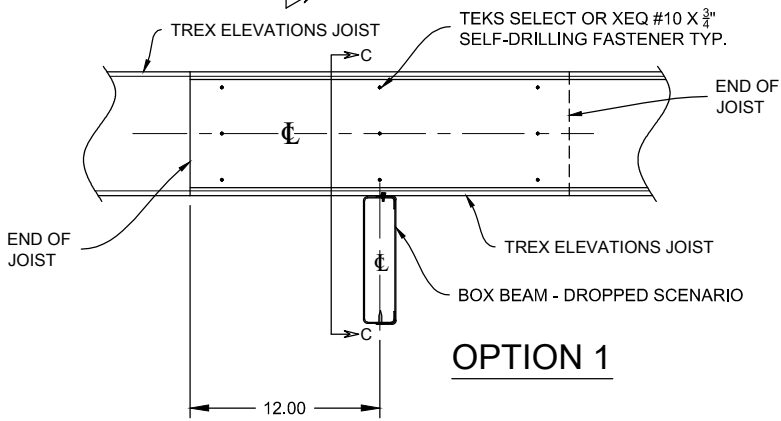
CURVED FRONT TRACK RIM PLATE

STEEL DECK FRAMING



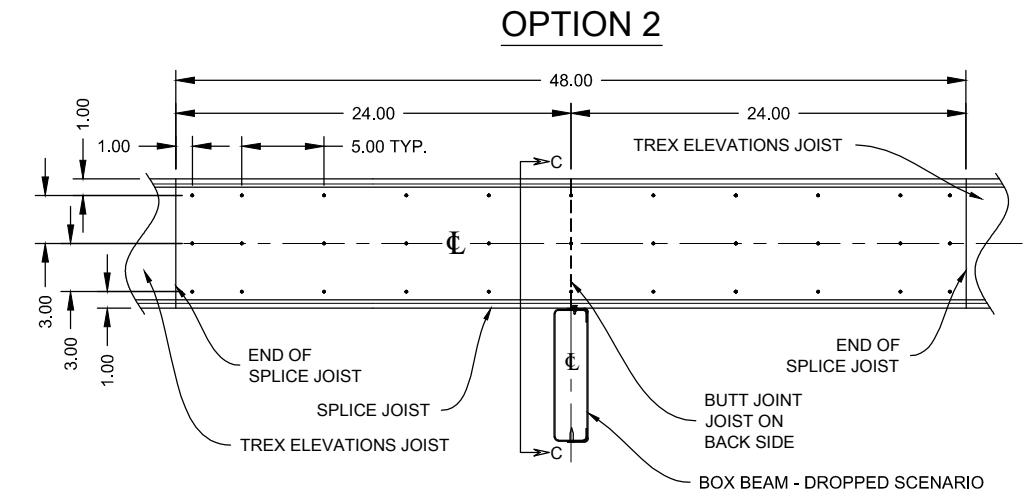
TEKS SELECT OR XEQ #10 X 3/4" SELF-DRILLING FASTENER TYP. 1" FROM EACH FLANGE 1 IN CENTER OF WEB TYP. 3 ROWS OF 3 SCREWS

TEKS SELECT OR XEQ #10 X 3/4" SELF-DRILLING FASTENER TYP. 5 ROWS OF 3 SCREWS @ 5" O.C. EACH SIDE OF BUTT JOINT



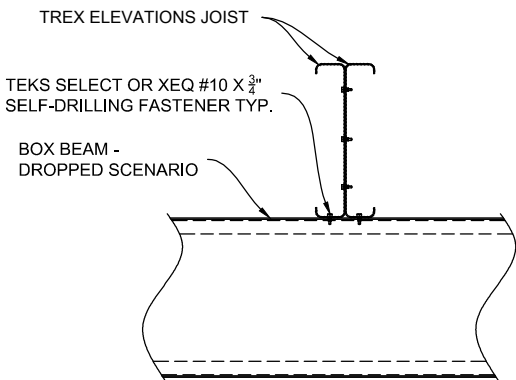
SECTION A-A

OPTION 1



SECTION B-B

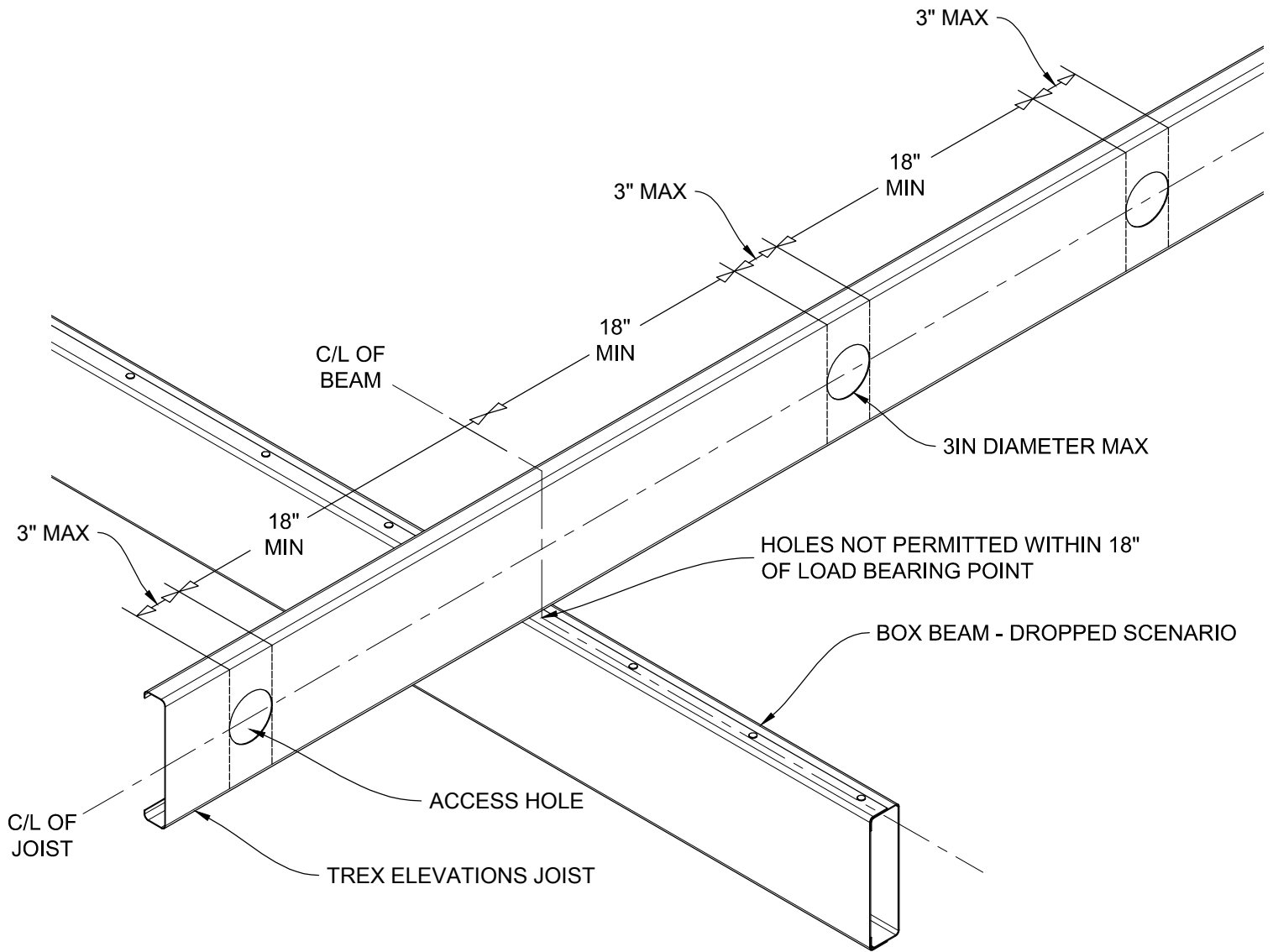
OPTION 2



SECTION C-C

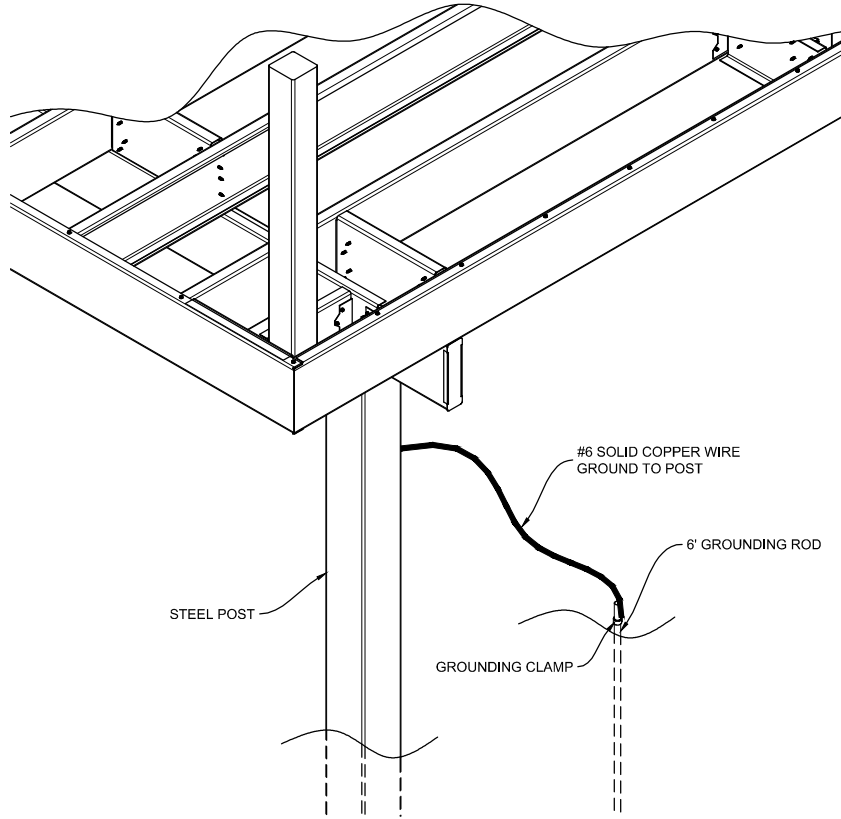
SCALE=1:10

JOIST SPLICE OVER DROPPED BEAM

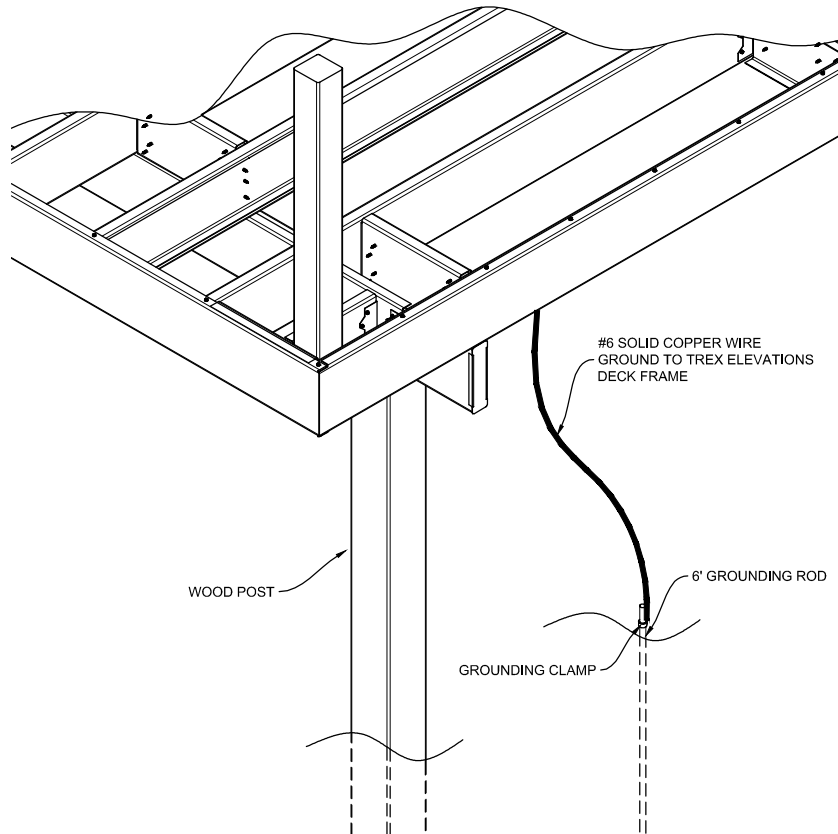


UTILITY ACCESS THROUGH JOIST

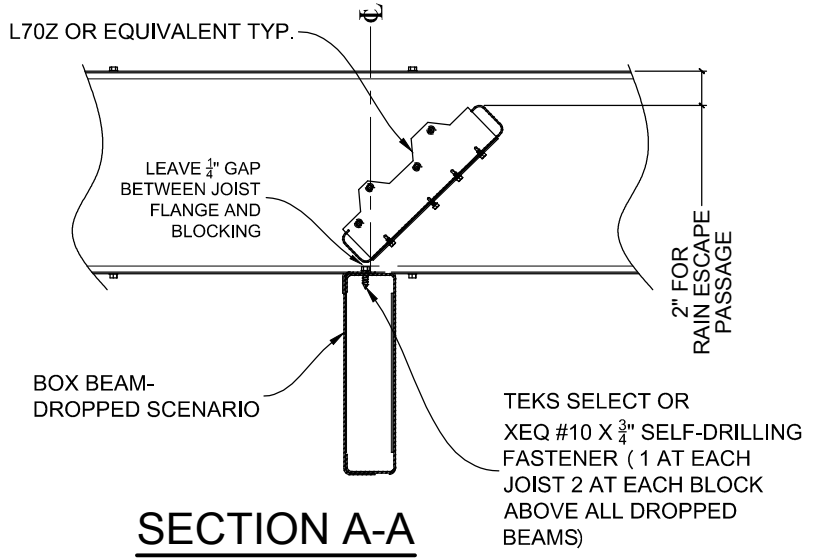
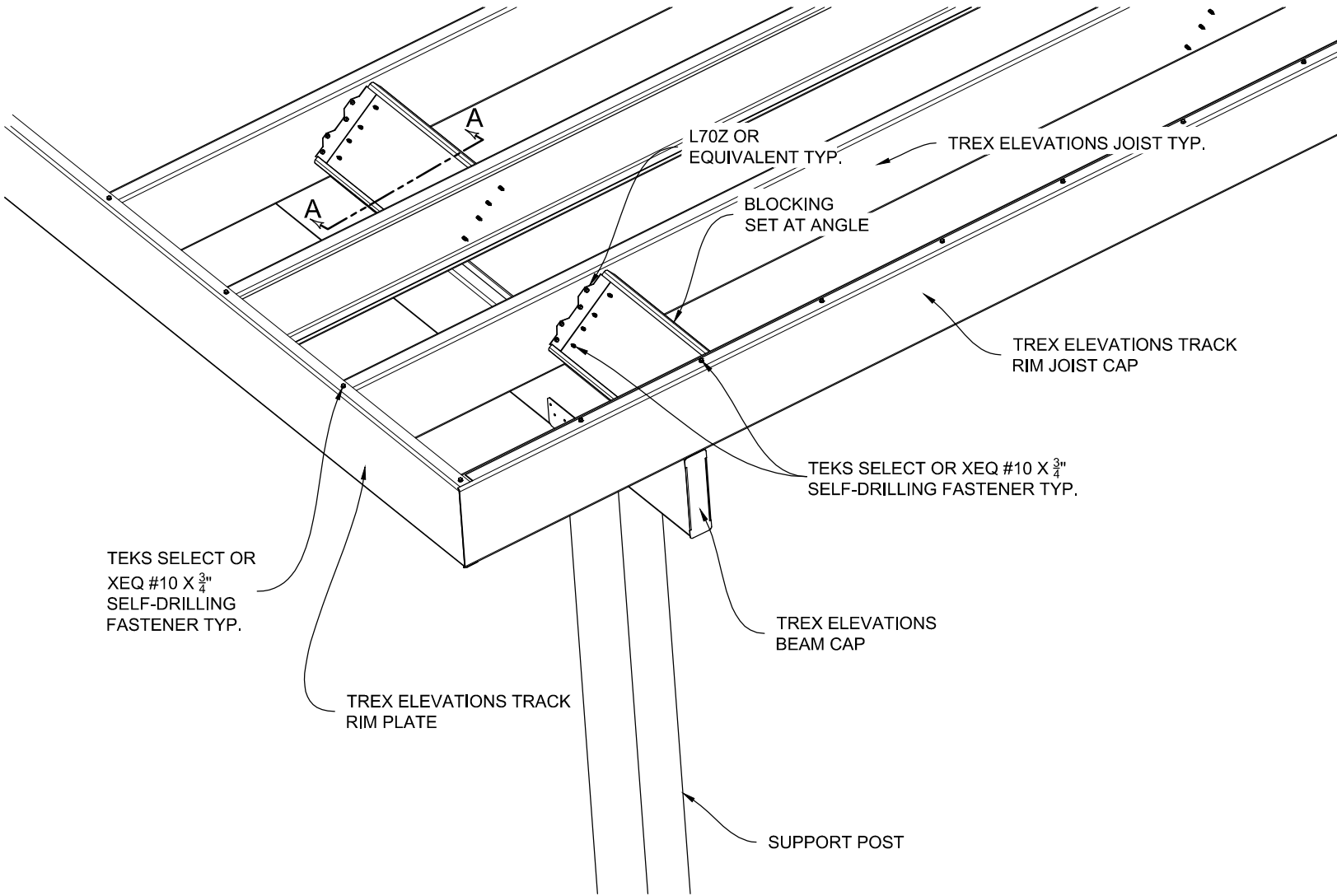
DECK WITH STEEL POST



DECK WITH WOOD POST



GROUNDING



**TREX RAIN ESCAPES[®] -
BLOCKING DETAIL**

SECTION A-A