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**THERMOBOND BUILDINGS**  
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 www.thermobond.com

**JEFFERSON COUNTY, WI  
 12'-0" X 27'-0" SHELTER**

**TRANSPORT CONNECTIONS**

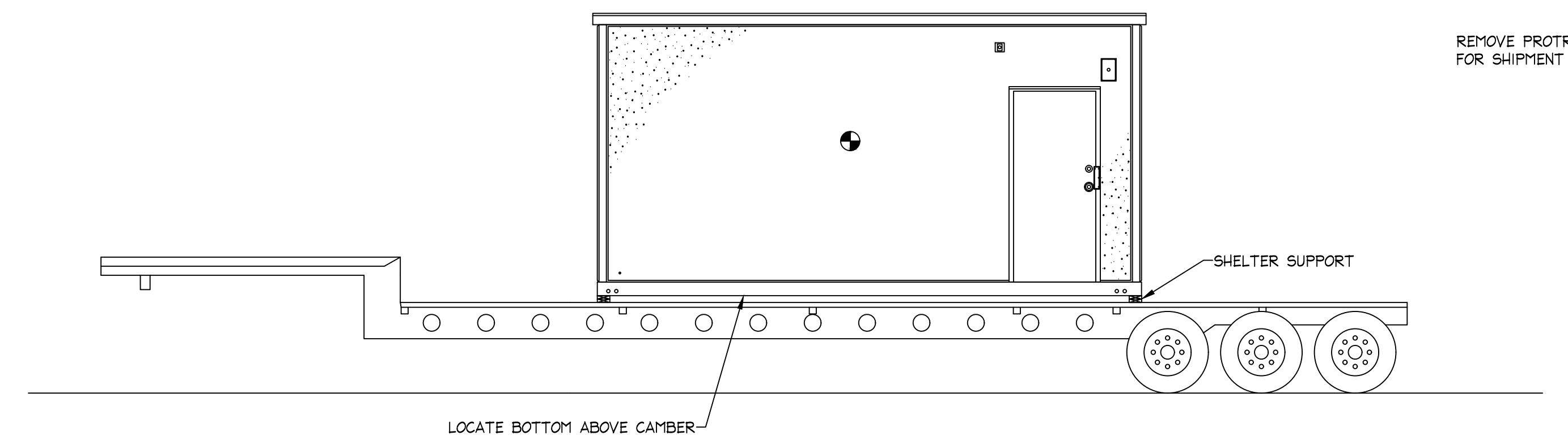
PROJECT NAME:  
**12X27 Tower Site**  
 SERIAL NUMBER:  
**2101-47A**

MODEL #: TBB1351  
 SCALE ~ 24X36  
 SHEET: T1

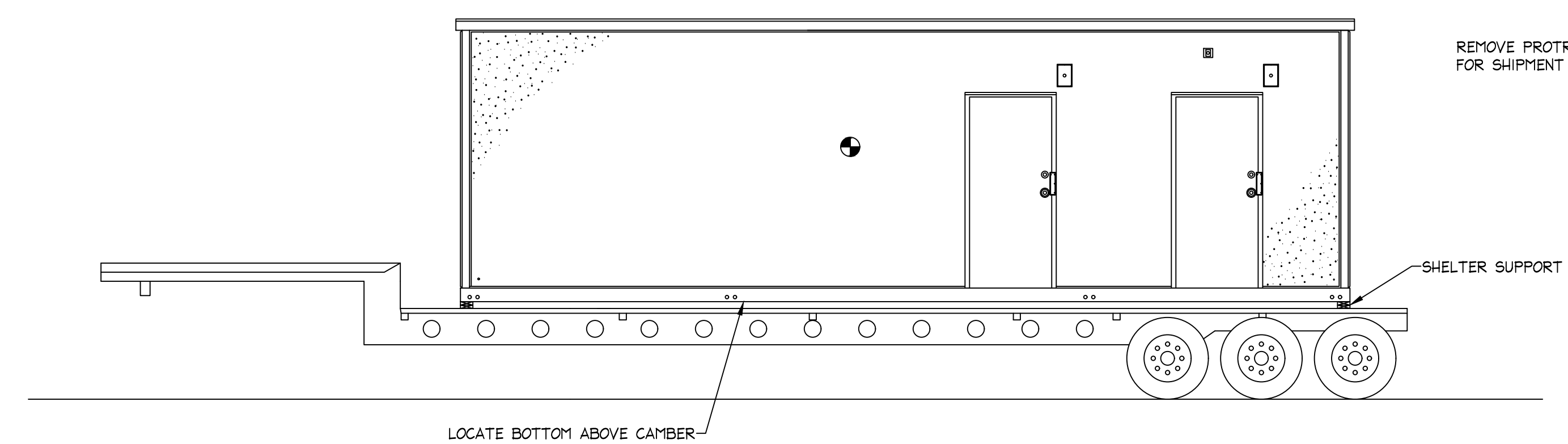
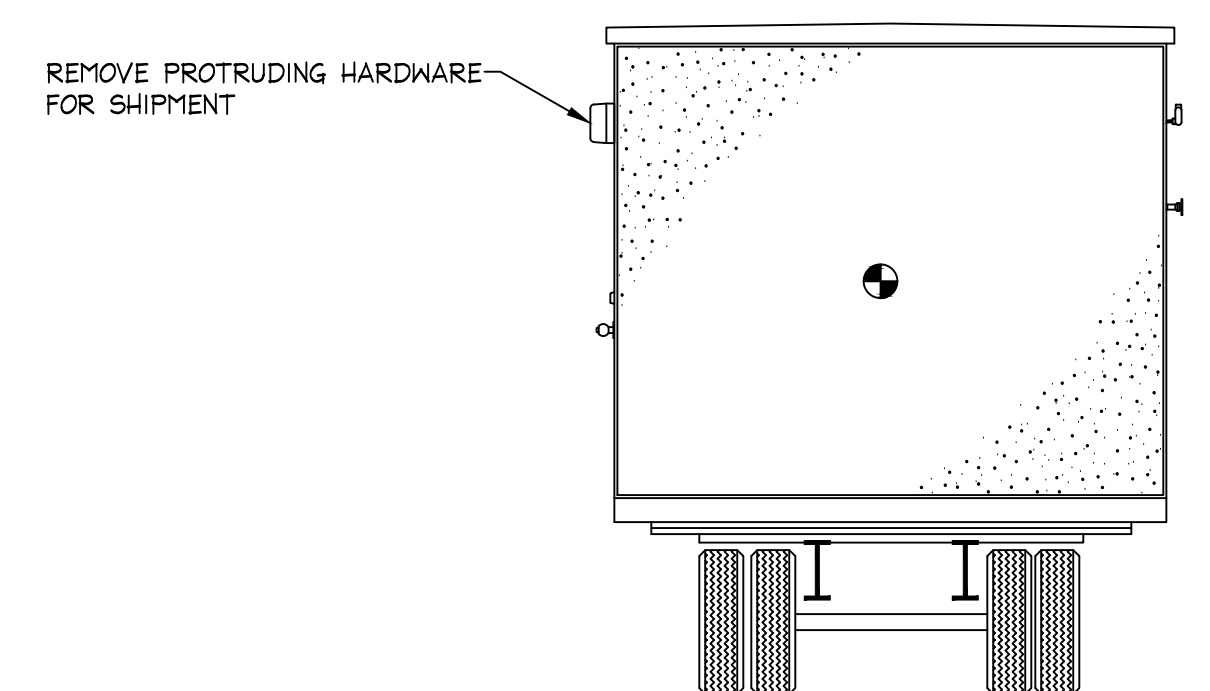
DRAWN: 4/22/21  
 REVISED:  
 DRAWN BY: J. Wagner

- TRANSPORT NOTES:**
- CARTAGE COMPANY IS TO EXECUTE TIE DOWN, DETERMINE ADEQUACY OF TIE DOWN AND IS RESPONSIBLE FOR LOCATING SHELTER C.G. FOR EQUIPMENT REQUIREMENTS AND DOT COMPLIANCE.
  - REMOVE AND SHIP LOOSE ALL FIXTURES PROTRUDING OVER WIDTH LIKELY TO BE DAMAGED.
  - COVER OPENINGS WATERTIGHT.
  - PROVIDE DRIVER WITH SET OF LIFTING DRAWINGS AND INSTRUCTIONS TO DELIVER LIFTING DRAWING WITH SHELTER AT SITE OFF-LOAD.
  - INSPECT SHELTER FOR DAMAGE BEFORE RELEASING DRIVER.

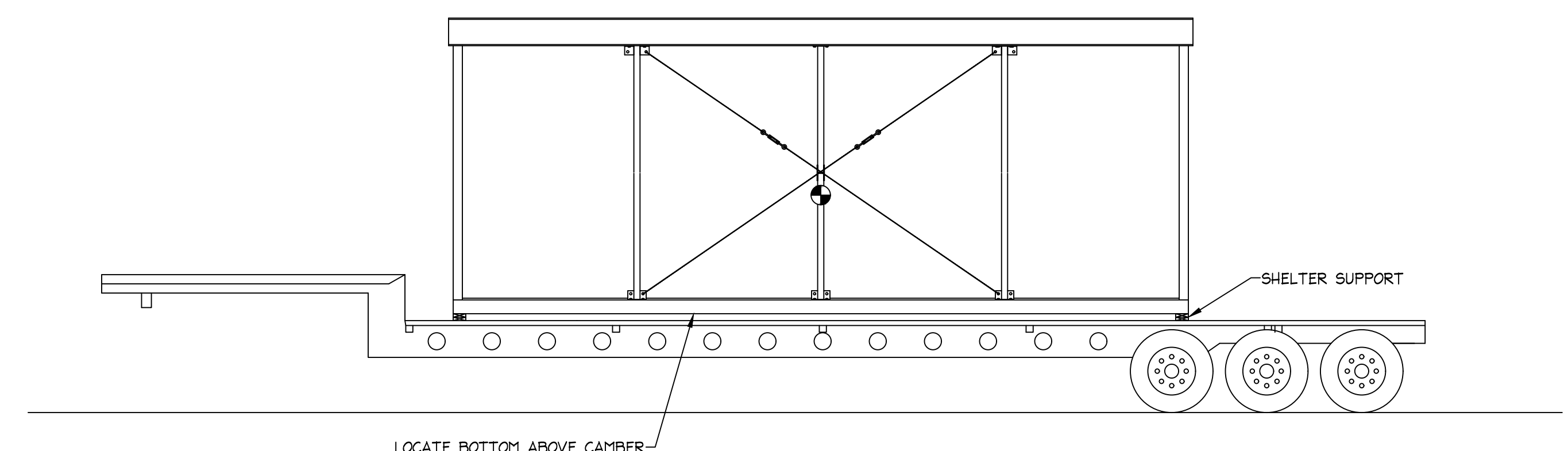
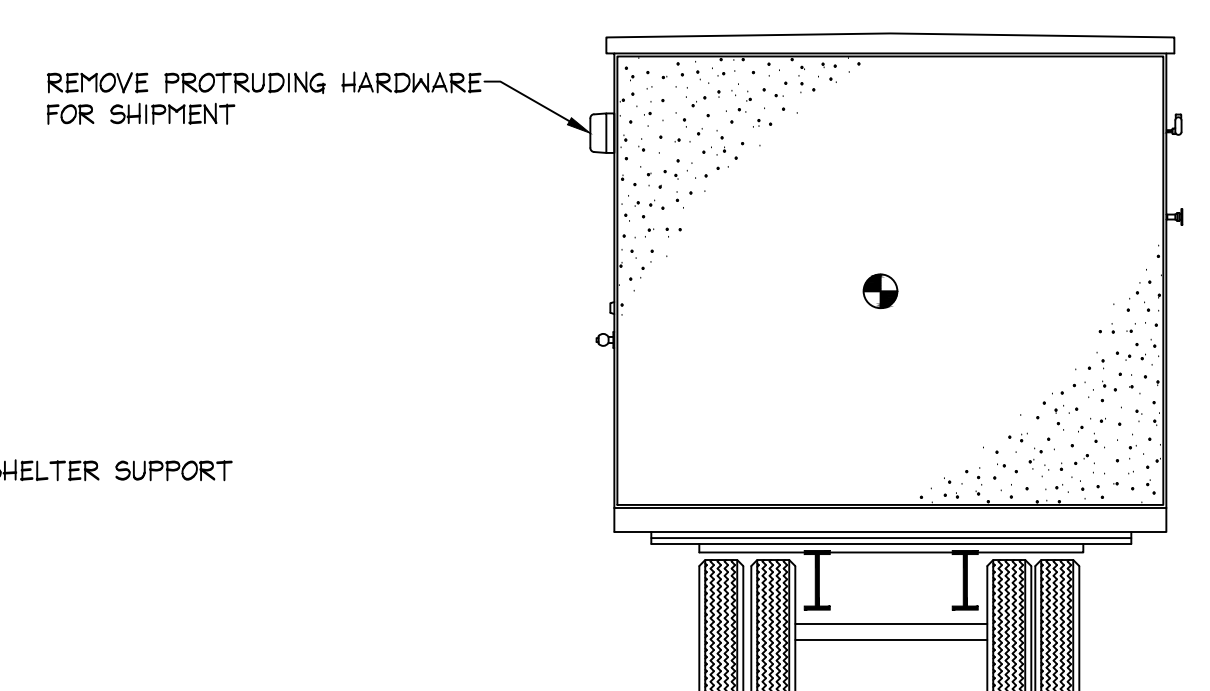
- DUNNAGE AND TIE DOWN NOTES:**
- BLOCK SHELTER ONLY AT THE ENDS, UNDER THE END WALLS.
  - BLOCK SHELTER ABOVE HIGHEST POINT OF TRAILER CAMBER BY AT LEAST 1 1/2".



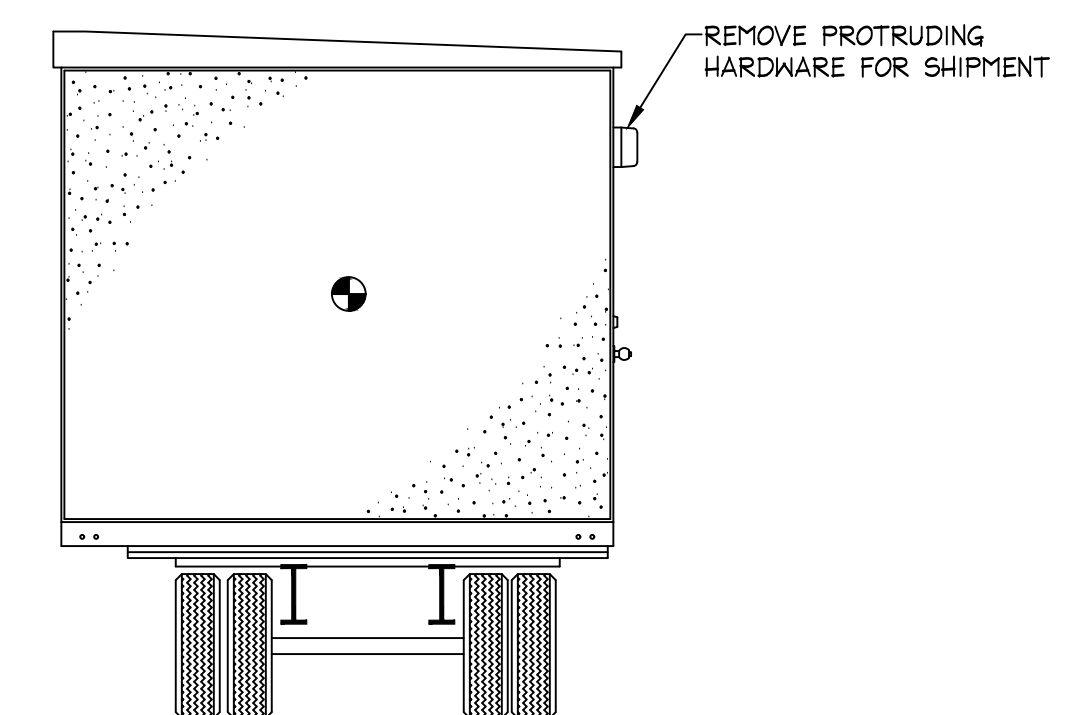
**UP TO 20 FT LONG SHELTER**  
 CENTER OF GRAVITY



**OVER 20 FT LONG SHELTER**  
 CENTER OF GRAVITY

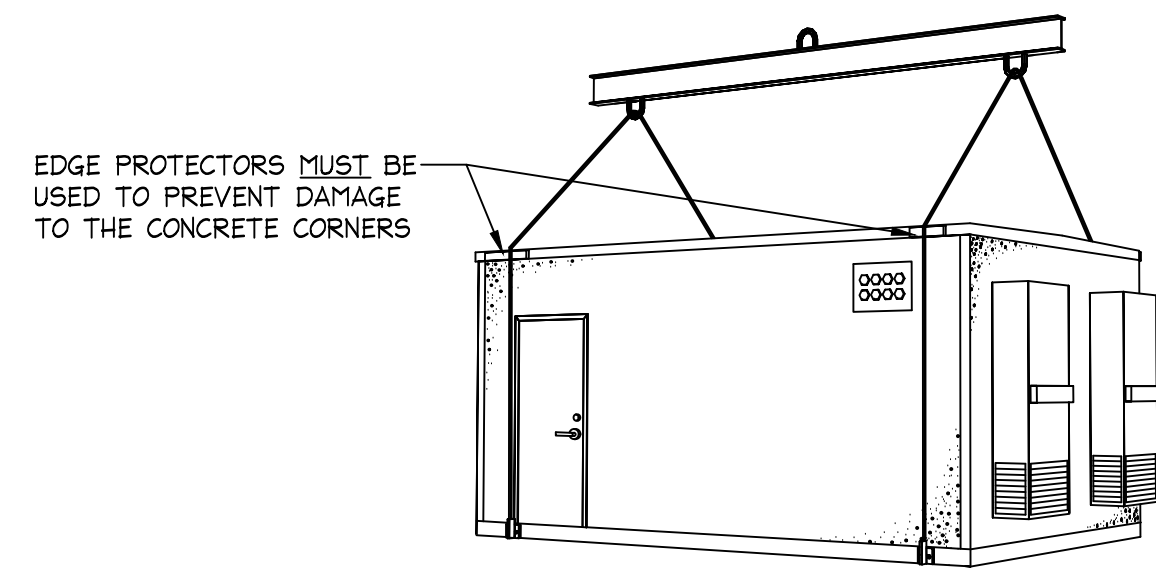


**OPEN SIDED MODULAR SHELTER**  
 CENTER OF GRAVITY



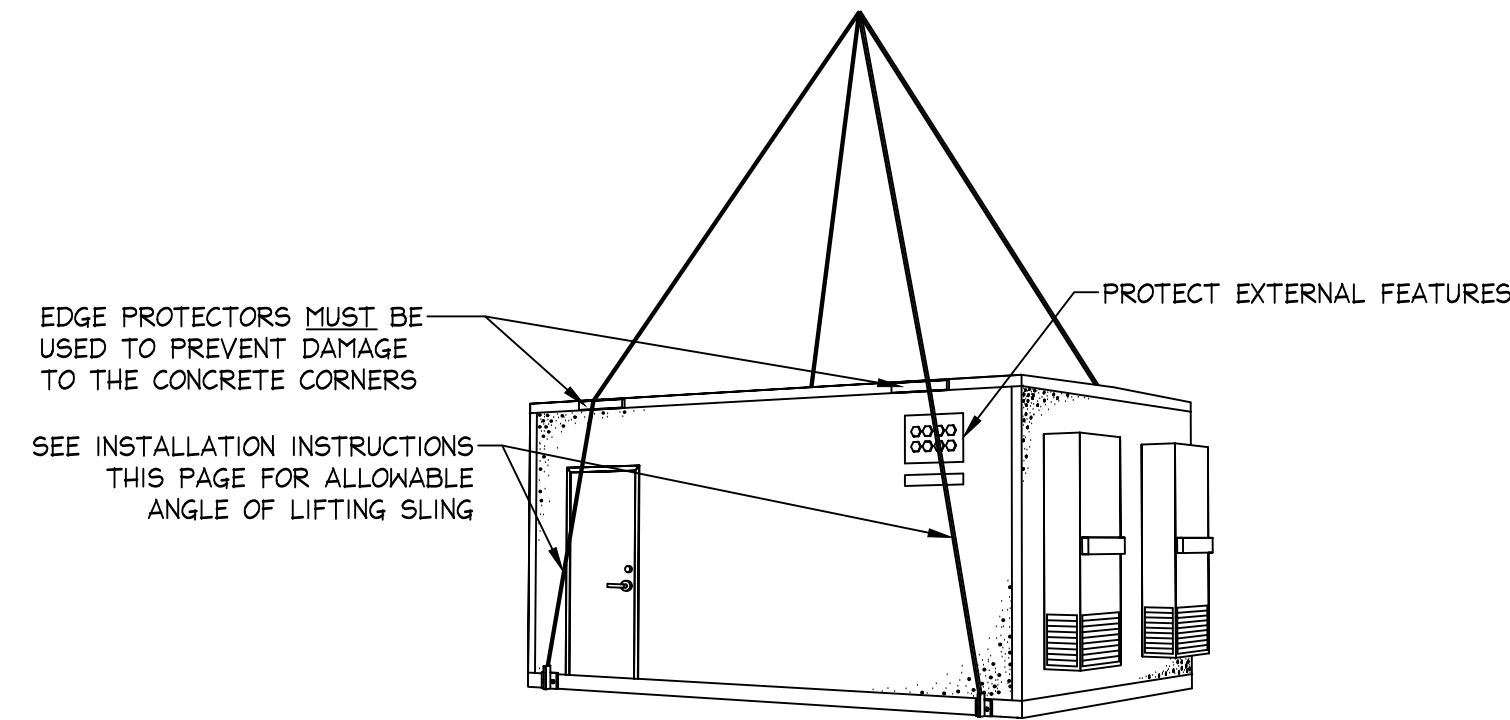
STAMPS AND SEALS

**RIGGING DIAGRAMS ARE TYPICAL DEPICTIONS. ACTUAL RIGGING AND LIFTING IS THE RESPONSIBILITY OF THE RIGGING CONTRACTOR**

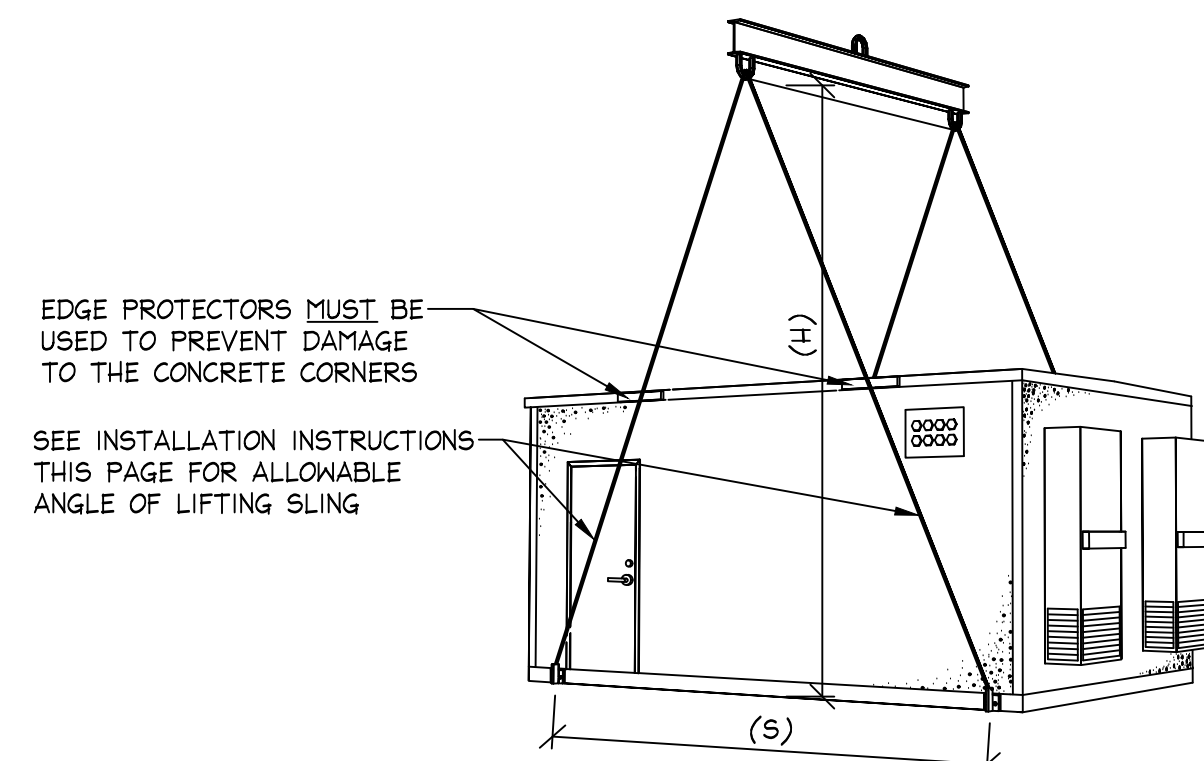


**(4) POINT OPTION 1 BUILDING LIFT (PREFERRED METHOD)**

SLINGS VERTICAL



**(4) POINT OPTION 3 BUILDING LIFT**



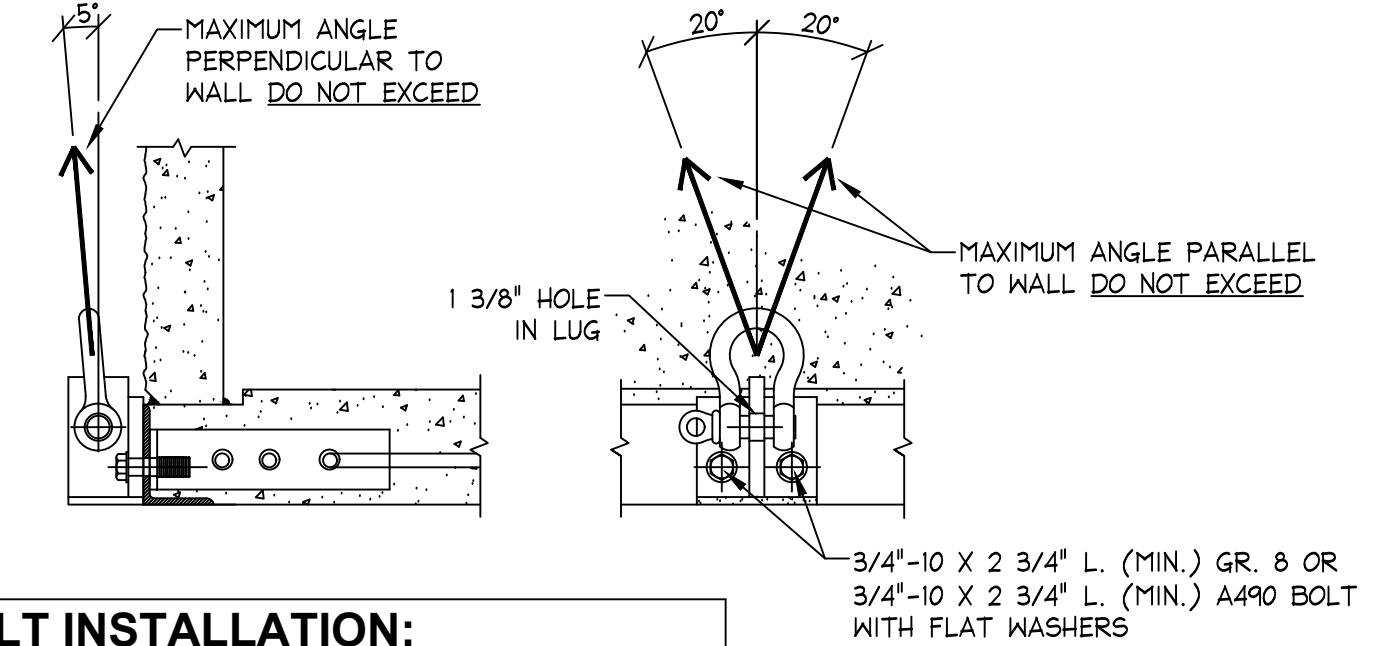
**(4) POINT OPTION 2 BUILDING LIFT**

SEE TABLE

**1 4 POINT LIFT OPTIONS**

SCALE: NONE

LIFT DEVICE SEPARATION (S)	MINIMUM HOOK HEIGHT (H)
10'-0"	13'-9"
11'-0"	15'-2"
12'-0"	16'-6"
13'-0"	17'-10"
14'-0"	19'-3"
15'-0"	20'-8"
16'-0"	22'-0"
17'-0"	23'-5"
18'-0"	24'-9"
19'-0"	26'-2"
20'-0"	27'-6"

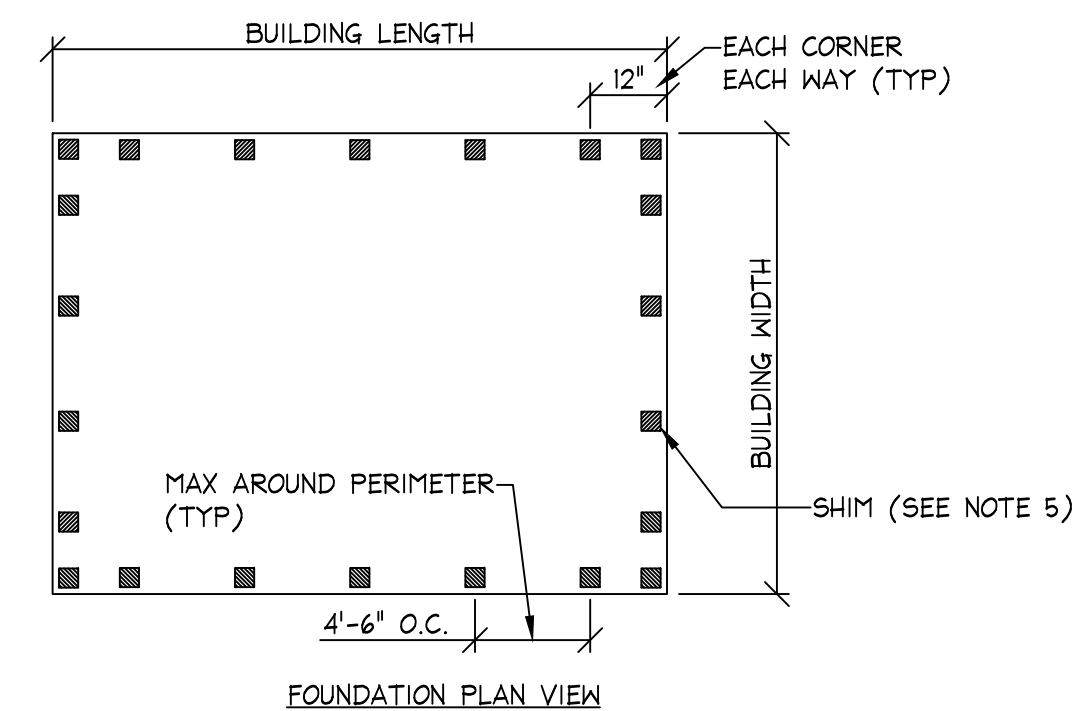


**BOLT INSTALLATION:**

1. SNUG (NO PLAY) PLUS 1/8 TURN MAX.
2. DO NOT DRIVE WITH HIGH PRESSURE IMPACT WRENCH.

**3 END INSTALLATION AND SLING LIMITS**

SCALE: NONE



**INSTALLATION NOTES:**

1. ALL FOUNDATION WORK IS BY OTHERS AND SUBJECT TO LOCAL INSPECTION.
2. FOUNDATION SURFACE SHALL BE LEVEL TO WITHIN +/- 1/8" PER 10 LINEAL FEET IN ANY DIRECTION.
3. FOUNDATION SHALL BE SQUARE TO WITHIN +/- 1/4".
4. TIE DOWN PLATES, IF USED, MUST BE ENTIRELY ABOVE GRADE.
5. SHELTER MUST BE SHIMMED TO LEVEL ABOVE IRREGULARITIES IN THE SLAB AND BUILDING FLOOR SYSTEM. SHIM HARDNESS NOT LESS THAN 60 DUROMETER OR COMPRESSIVE STRENGTH 9,000 PSI MINIMUM. SHIMS NOT LESS THAN 3" SQUARE, THICKNESS AS REQUIRED.
6. INSPECT FOUNDATION FOR DEBRIS AND REMOVE BEFORE SETTING SHELTER.

**SHELTER MUST BE SHIMMED**

**4 SHELTER SHIMMING**

SCALE: NONE

**RIGGING NOTES:**

1. SHELTER MUST BE LIFTED ONLY AT POINTS PROVIDED, USING APPROPRIATE SPREADER BARS AND SLINGS, AND WITHIN THE LIMITS SHOWN ON THIS DRAWING.
2. UNLESS OTHERWISE APPROVED OR INDICATED, LIFT ONLY THE SHELTER SELF-WEIGHT. DO NOT LIFT THE SHELTER WITH ADDITIONAL EQUIPMENT INSIDE.
3. INSPECT EACH LIFT DEVICE FOR FOR CRACKS, WARPING OR OTHER DEFECTS BEFORE INSTALLING ON SHELTER. DO NOT USE A LIFTING DEVICE THAT HAS ANY CRACKS, QUESTIONABLE WELDS, IRREGULAR OR ELONGATED HOLES, OR IS BENT OUT OF SHAPE. THREADS, ARE BENT, APPEAR ELONGATED OR ARE MALFORMED IN ANY WAY.
4. DO NOT ROUTE SLING NEAR HVAC SYSTEMS.
5. REMOVE OR PROTECT DOOR HARDWARE AND OTHER PROTRUSIONS FROM DAMAGE.
6. RIGGER IS TO PROVIDE ALL EQUIPMENT ABOVE THE THERMOBOND EXTERIOR LIFTING DEVICE. THE RIGGER IS RESPONSIBLE FOR ENSURING THAT THE SAFETY REQUIREMENTS LISTED HEREIN ARE MET.
7. RIGGING SHALL CONFORM TO APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
8. IF SHELTER IS DELIVERED WITH TEMPORARY SHIPPING WALLS OR ANY OTHER TEMPORARY STRUCTURE INSTALLED FOR TRANSPORT, DO NOT REMOVE BEFORE SHELTER PLACEMENT.
9. DO NOT USE SINGLE HOLE POSITIONS FOR LIFTING.
10. DO NOT SET THE SHELTER ON AN UNEVEN OR UNSTABLE SURFACE.

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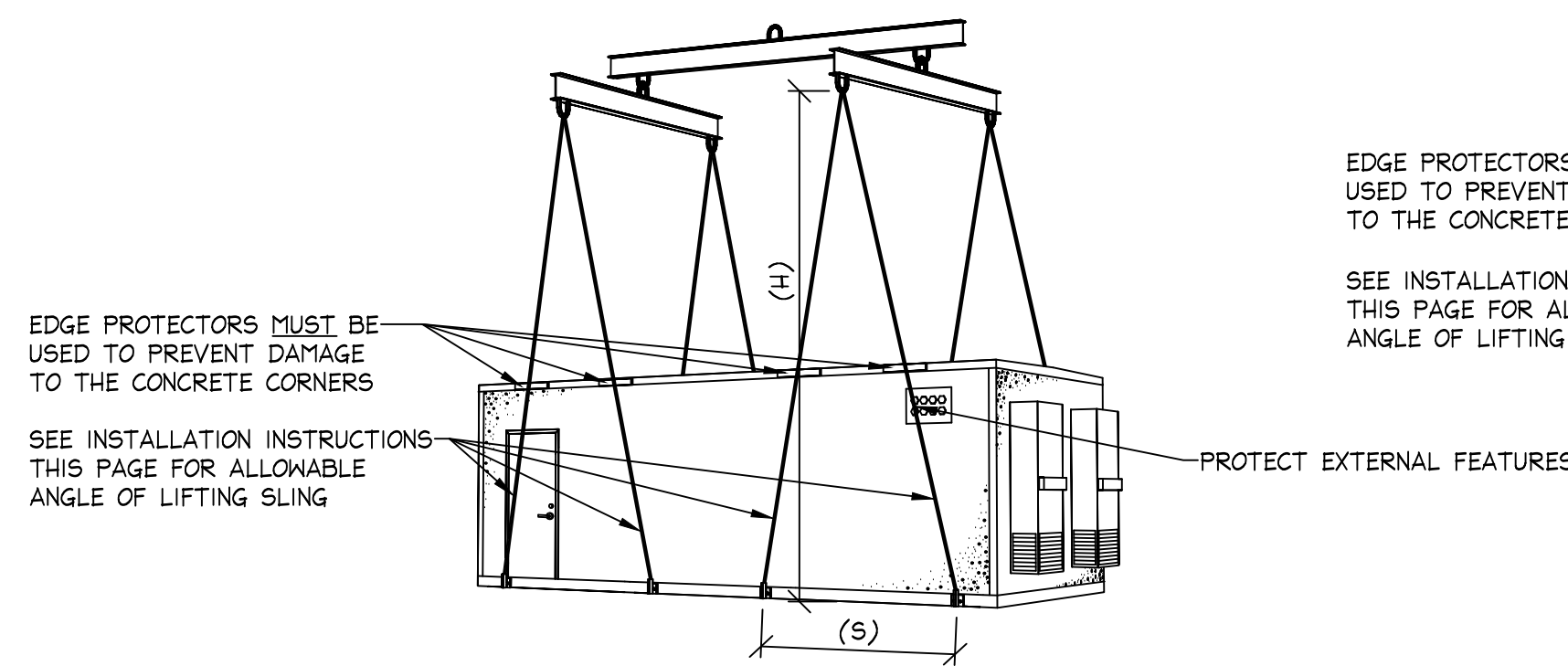
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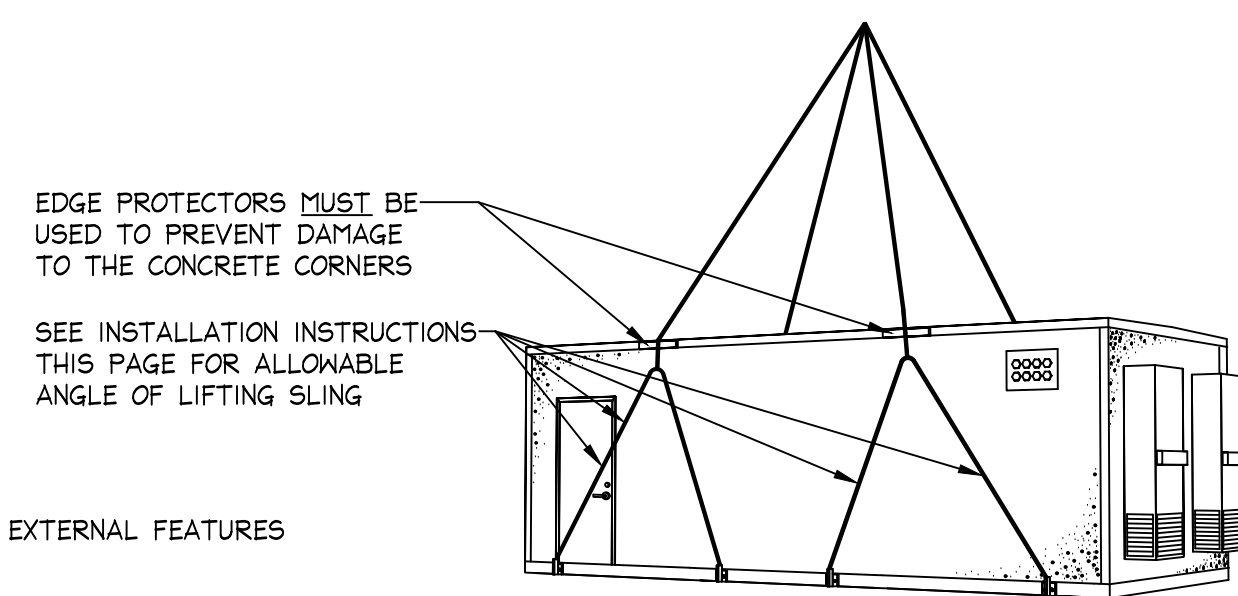
**JEFFERSON COUNTY, WI  
12'-0" X 27'-0" SHELTER**

**INSTALL DETAILS**

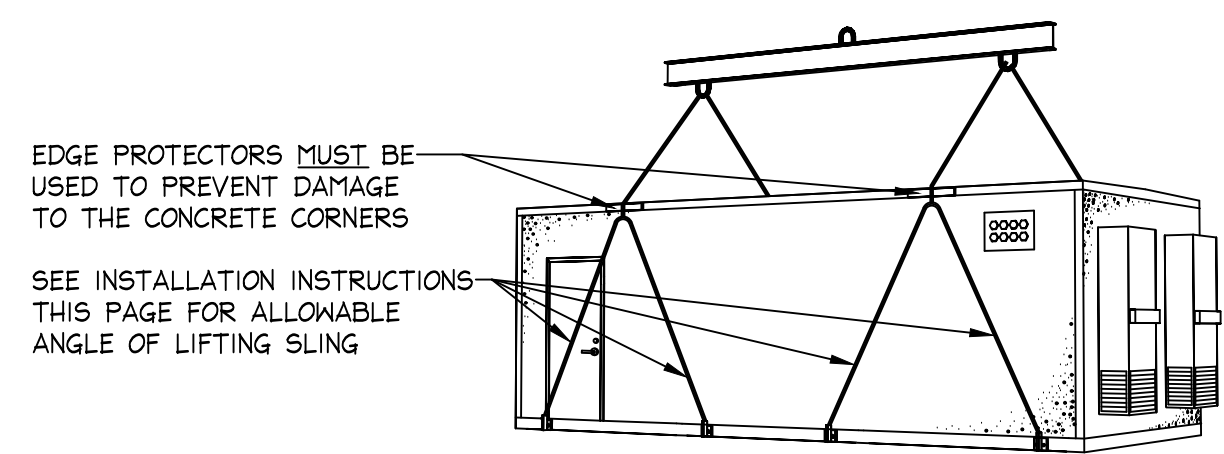
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**(8) POINT OPTION 1 BUILDING LIFT (PREFERRED METHOD)**



**(8) POINT OPTION 3 BUILDING LIFT**



**(8) POINT OPTION 2 BUILDING LIFT**

SEE TABLE

**2 8 POINT LIFT OPTIONS**

SCALE: NONE

LIFT DEVICE SEPARATION (S)	MINIMUM HOOK HEIGHT (H)
6'-0"	13'-9"
7'-0"	15'-2"
8'-0"	16'-6"
9'-0"	17'-10"
10'-0"	19'-3"
11'-0"	20'-8"
12'-0"	22'-0"

STAMPS AND SEALS

MODEL #:	TBB1351	DRAWN:	4/22/21
SCALE:	~ 24X36	REVISED:	-
SHEET:	NONE	DRAWN BY:	J. Wagner
			<b>T2</b>

PROJECT NAME:  
**12X27 Tower Site**  
SERIAL NUMBER:  
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