



INSTALLATION SUGGESTIONS FOR DENALI FLUSH RESTROOM

1.0 MEASUREMENTS

A. Building

Check drawing for actual dimensions and weight.

Weight: 44,400

Width: 10' 3"

Length: 17' 2"

Height: 13' 0"

2.0 INSTALLATION

A. Access to Site

Should the customer feel that site is not accessible, it would be up to the customer to contact CXT®. A determination of changes and accessibility should be made at least 30 days prior to delivery date. Delivery to site is made on semi-trucks and specialized trailers. If at the time of delivery conditions of access are hazardous or unsuitable for truck and equipment due to weather, physical constraints, roadway width or grade, the building must be off-loaded to a storage area until the site is made accessible. In any such case, additional costs for cranes, trucking, etc. will be charged to the account of the customer.

B. Placement

The floor of the building should be the high spot of the chosen site. Finished floor elevation should be 3-6" above the natural grade level with pathway slopes up to meet the entryway.

C. Excavation and Compaction

The base area for the building should extend beyond the floor by at least 6" in each direction. Excavation of the area must be large enough and deep enough to accommodate the base area. Water, sewer, electrical, etc. lines need to be placed before base material is added and compacted. See drawings for placement of utilities. Exact locations and pad dimensions for your specific building will be sent during the submittal process.

Compact the bottom of the area prior to placing base material. A minimum of 6" of a compacted ¾" minus angular gravel material (i.e., road base) should be used as the base material. The material should be placed level and compacted in two lifts of 3" each to support a minimum of 1500 pounds per square foot. The base material must be confined to prevent washout erosion or any other undermining. This base will provide support, leveling, and drainage. The base also limits frost action.

Should the customer desire to pour a concrete pad or apron around the Denali facility after it is placed, the compacted gravel pad should be extended in each direction to support the Denali facility and concrete apron on the same density and composition of base material.

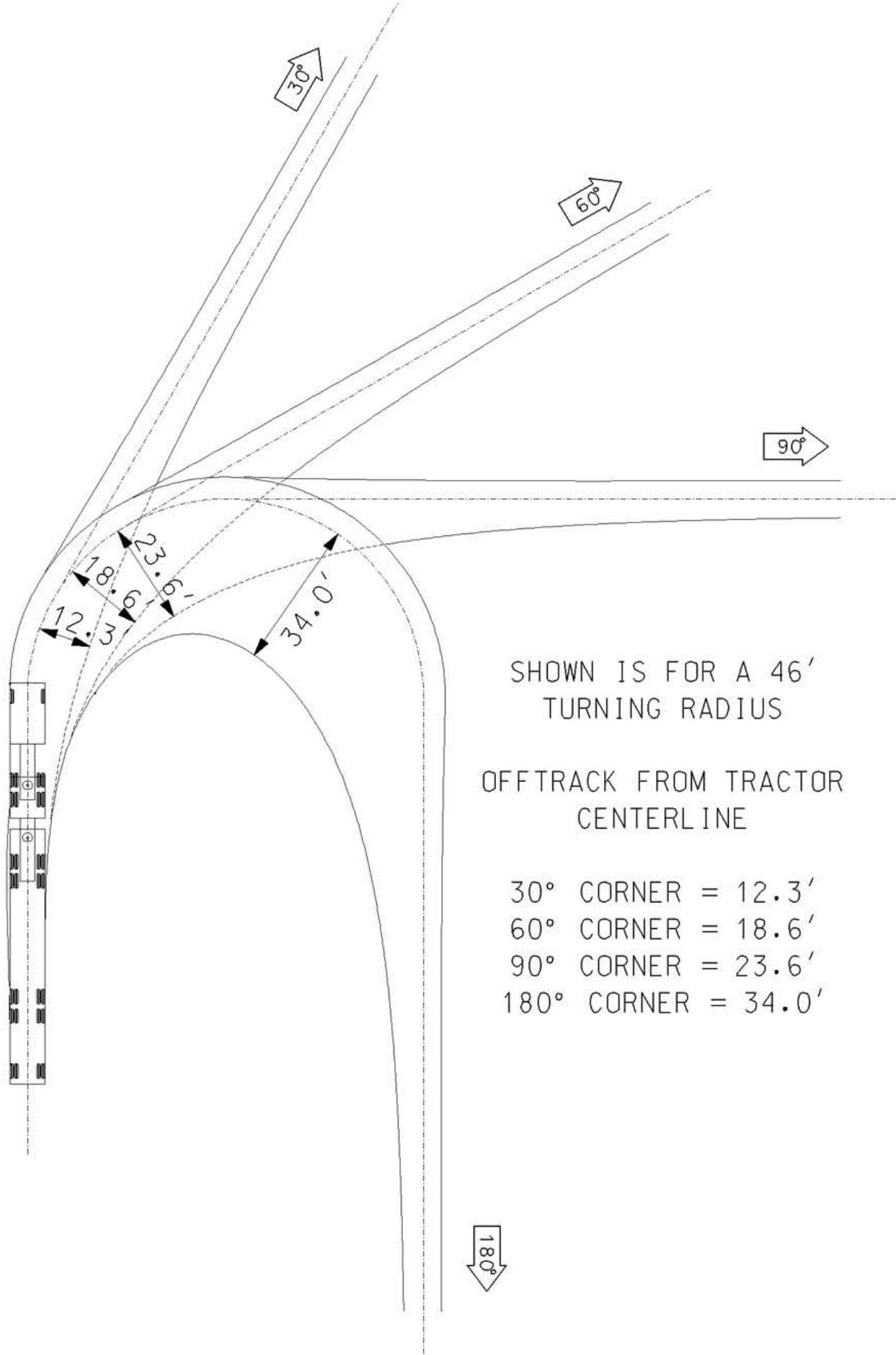
D. Recommended Lifting Equipment

CXT can provide a drawing of the recommended lifting/rigging arrangement. Crane of appropriate capacity to lift and place building (40,100 lb.) onto designated site.

E. Utility Connection

Mechanical drawings can be provided showing locations of stub up area and plumbing and electrical hook-ups.

Utilize a licensed electrician and plumber to hook up all electrical and plumbing utilities from building section to building section and from the building itself and the stubbed-up utilities that came up through the customer prepared gravel pad.



SHOWN IS FOR A 46'
TURNING RADIUS

OFF TRACK FROM TRACTOR
CENTERLINE

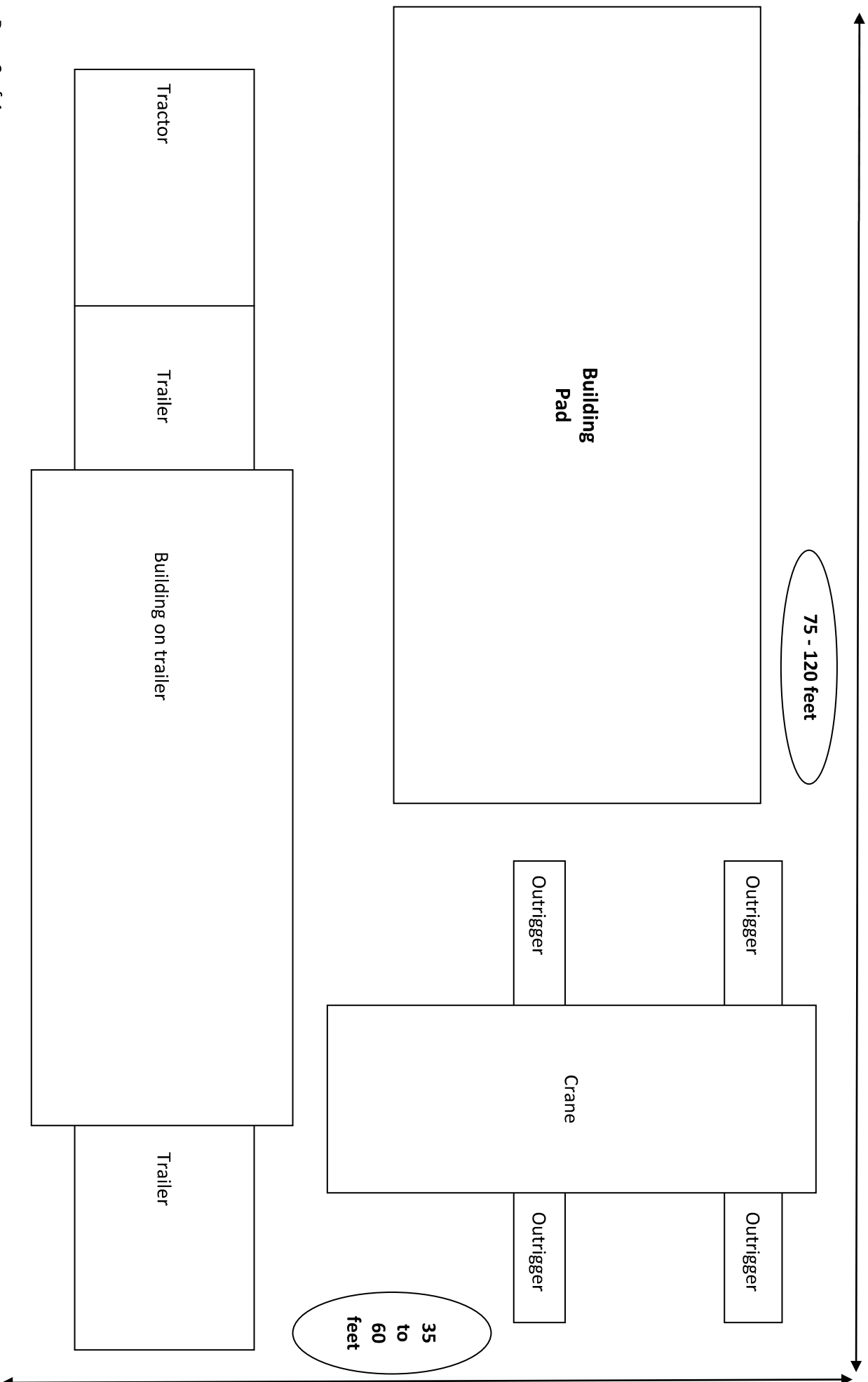
- 30° CORNER = 12.3'
- 60° CORNER = 18.6'
- 90° CORNER = 23.6'
- 180° CORNER = 34.0'

8 AXLE COMBINATION



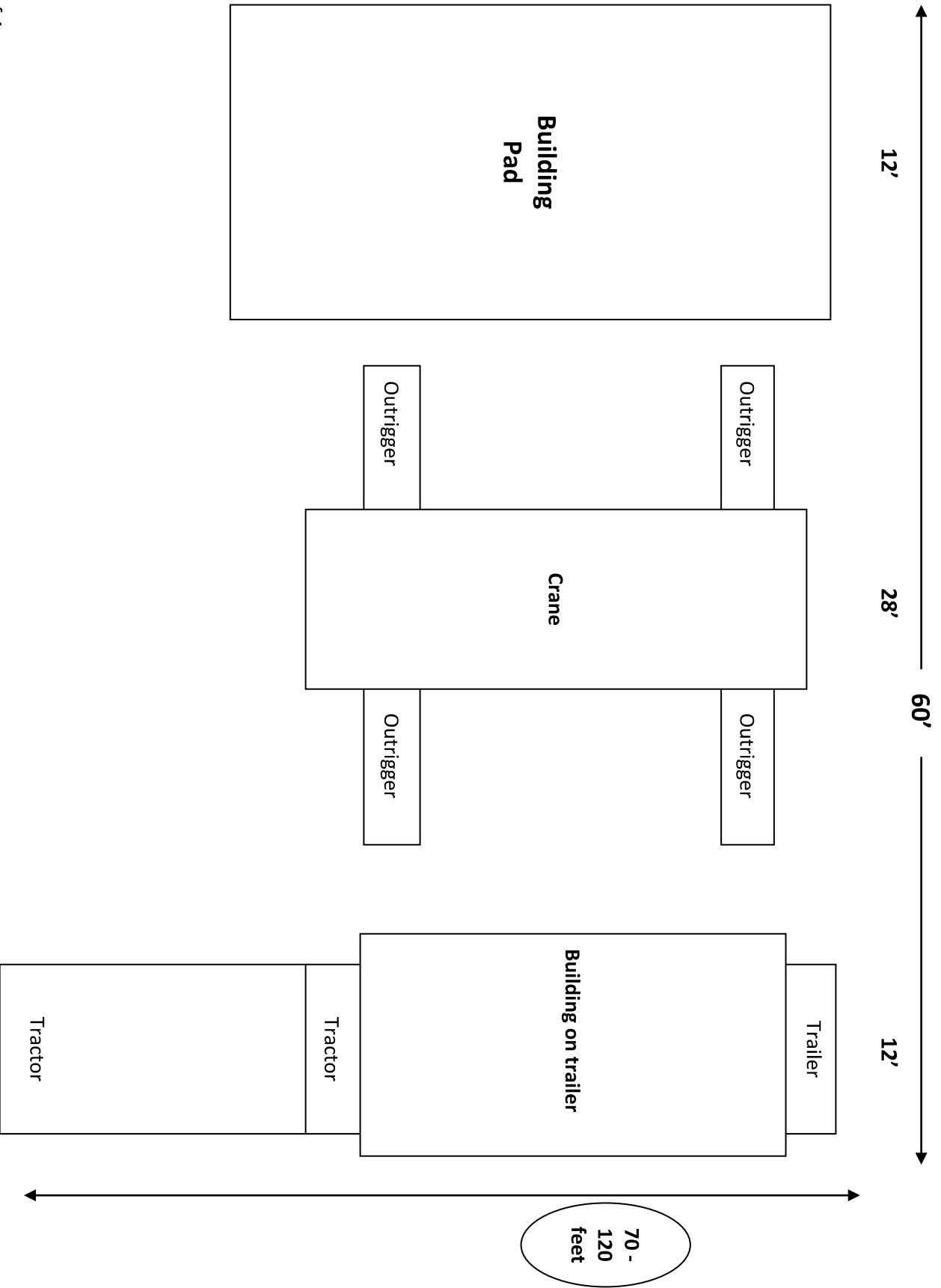
DELIVERY AND INSTALLATION QUESTIONNAIRE

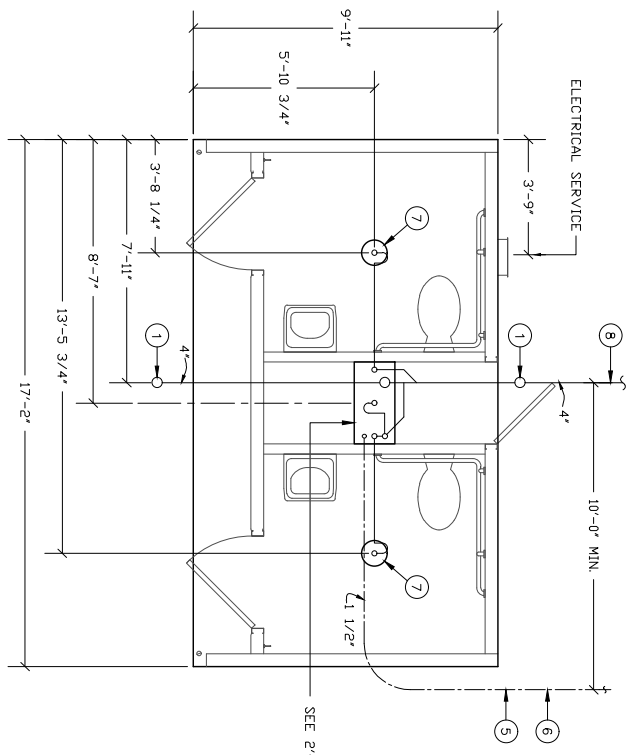
Acceptable types of access to pad (distances vary by building and crane size)





DELIVERY AND INSTALLATION QUESTIONNAIRE





SEE 2'-8" x 1'-4" BLOCKOUT DETAIL

FOR REFERENCE ONLY

BELOW FLOOR PIPING - KEY NOTES

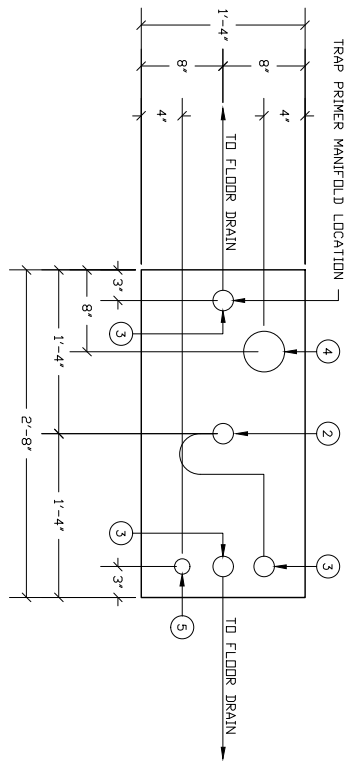
- 4" CLEAN OUT TO GRADE.
- 2" FLOOR DRAIN FIELD INSTALLED TRAP PRIMER SYSTEM IF REQUIRED BY AUTHORITY HAVING JURISDICTION. (2'-8" x 1'-4" BLOCKOUT)
- 2" VENT PIPES EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE TEST PLUG. (2'-8" x 1'-4" BLOCKOUT)
- 4" WASTE PIPE EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE TEST PLUG. (2'-8" x 1'-4" BLOCKOUT)
- 1 1/2" TYPE K ANNEALED "SOFT" COPPER WATER SERVICE EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE CAP AT END. (2'-8" x 1'-4" BLOCKOUT)
- MIN. BURY PER LOCAL REQUIREMENTS TO PROTECT AGAINST FREEZING AND DAWGAGE.
- 2" FLOOR DRAIN FIELD INSTALLED TRAP PRIMER SYSTEM IF REQUIRED BY AUTHORITY HAVING JURISDICTION. (10" DIA BLOCKOUT)
- 30" MIN. BURY, PROVIDE TRACER TAPE.

PIPING LEGEND

- BELOW FLOOR VENT PIPING SCH. 40 ABS TYPE DWV
- BELOW FLOOR WASTE PIPING SCH. 40 ABS TYPE DWV
- 1 1/2" TYPE "K" ANNEALED "SOFT" COPPER WATER SERVICE

FLOOR DRAIN BLOCKOUTS & BELOW FLOOR PIPING

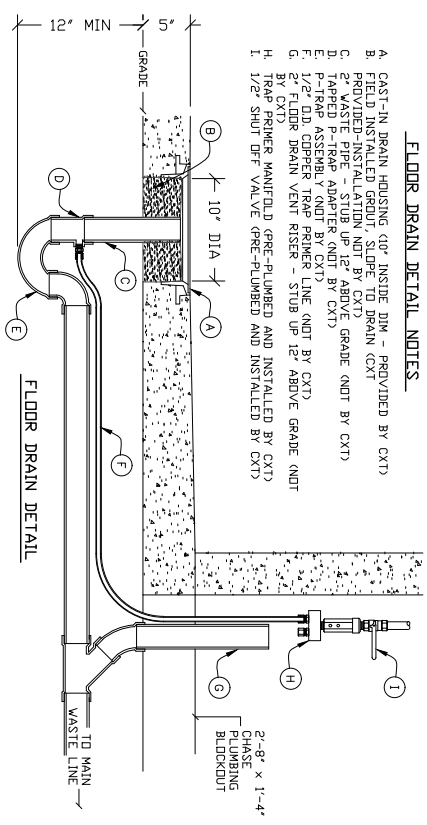
ALL PIPING INDICATED ON THIS SHEET IS NOT BY CXT



2'-8" x 1'-4" BLOCKOUT DETAIL

FLOOR DRAIN DETAIL NOTES

- CAST-IN DRAIN HOUSING (10" INSIDE DIM. - PROVIDED BY CXT)
- FIELD INSTALLED GROUT, SLOPE TO DRAIN CXT
- PROVIDED-INSTALLATION NOT BY CXT
- WASTE PIPE - STUB UP 12" ABOVE GRADE (NOT BY CXT)
- TRAP PRIMER ADAPTER (NOT BY CXT)
- PAVED ASSUMED (NOT BY CXT)
- 1/2" O.D. COPPER TRAP PRIMER LINE (NOT BY CXT)
- 2" FLOOR DRAIN VENT RISER - STUB UP 12" ABOVE GRADE (NOT BY CXT)
- TRAP PRIMER MANIFOLD (PRE-PLUMBED AND INSTALLED BY CXT)
- 1/2" SHUT OFF VALVE (PRE-PLUMBED AND INSTALLED BY CXT)



FLOOR DRAIN DETAIL

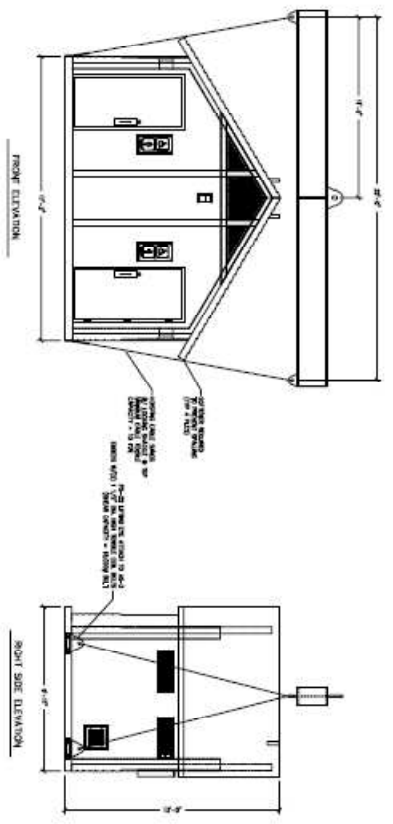
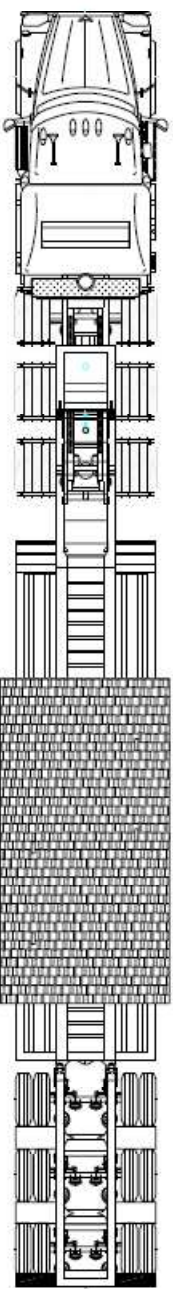
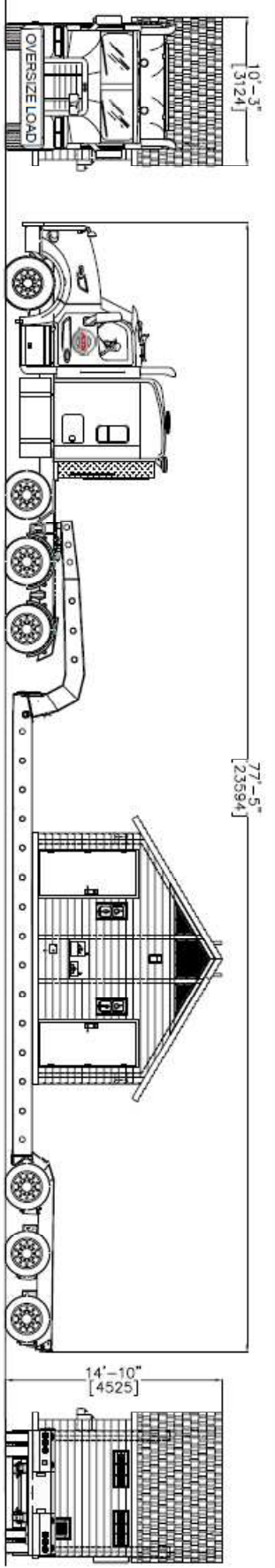
THIS DRAWING IS SUPPLIED FOR THE USE OF THE CLIENT AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. CONTRACT CXT ENGINEERING DEPARTMENT FOR BUILDING DOCUMENTS BRIDGE TO ANY FIELD WORK.

3808 N. Sullivan Blvd #7 Spiceland, WA 99216
CXT
 Precast Products
 901 N. Highway 77 Hillside, TX 78645
 DEMO
 CXT STANDARD BUILDING

NO.	DATE	DESCRIPTION
1	1/25/21	ISSUED FOR PERMIT
2	1/25/21	ISSUED FOR PERMIT
3	1/25/21	ISSUED FOR PERMIT
4	1/25/21	ISSUED FOR PERMIT
5	1/25/21	ISSUED FOR PERMIT
6	1/25/21	ISSUED FOR PERMIT
7	1/25/21	ISSUED FOR PERMIT
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8	1/25/21	ISSUED FOR PERMIT
9	1/25/21	ISSUED FOR PERMIT
10	1/25/21	ISSUED FOR PERMIT

FIELD STUB UP LOCATIONS
 DWG NO. DN-18
 SHEET 18



		DENALI	
		Building Number: DL-18	
ATIS - Projects 120 Oper. Units, 2k 30' x 30' x 10' (30' x 30' x 10')		Typical Transport Configuration Notes: 1. RGN Trailer 2. Tractor 5th wheel 18" forward of center axle.	
		2023-04-011	
W/ER 2023-04-011	DEN D NTS	00	00
00	00	00	00

5. Truck turning radius diagram.

Please reach out should you have any questions.

Regards,

