
CUSTOMER POLICIES AND GUIDELINES

PRECAST CONCRETE PRODUCTS

Telephone Vault
Electrical Vault
Water Vault
Lamp Pole Base
Panel Vault
Oil/Water Separator

Drainage
Trench/Culvert
Bridge/Detention
Barrier
Custom Product

COMPONENT PARTS AND ACCESSORIES

Fabricated Steel Gratings
Fabricated Diamond Plates
Fabricated Steel Ladders

Cable Racking
Cast Iron Frames and Covers
Miscellaneous Fabricated Steel

ORDERING INSTRUCTIONS

When ordering products from this catalog, special attention should be given to the various alternates available as modifications to a standard assembly such as, top sections, location and size of access opening, cover sections, risers and adaptors, gratings, diamond plate access doors, cast iron covers, etc.

The catalog number of each product generally indicates the dimensions of the product. Please consult the drawings on the product page for actual dimensions of a specific item, and use catalog numbers. Please observe reference notes on each page.

In cases where special openings are required in the top, sides, or bottom section of a vault, the special condition must be noted. All details should be carefully noted, drawn to scale, and dimensioned on a copy of the standard catalog page for that product. The marked-up page should accompany the order.

Orders for all standard products are filled from stock inventory. To insure prompt delivery, notify us at least 24 hours in advance of delivery requirements. In the case of specials, delivery time will be extended depending upon your requirements and the plant load. A specific delivery schedule can be obtained at time of order.

Use catalog numbers when ordering.

COMPANY POLICY

The company policy outlined herein covers our complete line of precast concrete product types, including but not limited to: telephone vault, electrical vault, water vault, lamp pole base, panel vault, oil/water separator, drainage, trench/culvert, bridge/detention, barrier and custom product; auxiliary sections; component parts and accessories.

DELIVERY AND SETTING

The quoted prices include delivery and setting by our truck crane at job sites located within fifty (50) road miles of the Utility Vault plant. For deliveries beyond the 50 road mile limit an additional one-way only charge will be levied, at the current rate, per truck mile.

If a vault piece cannot be set by one of our boom trucks, because it exceeds the trucks setting limitations, the setting price will be excluded from the quote.

When vaults are to be set by this company, it shall be the responsibility of the customer and/or the contractor, to insure that the job site is properly prepared. This includes, but is not limited to: a properly prepared and graded excavation, made ready to receive the vault; suitable access for our truck; and provided labor (two people) to assist in setting the vault. All grouting of neck risers or frames above top of vault, is the sole responsibility of the customer and/or the contractor.

GENERAL CONDITIONS

Deliveries and/or setting of our products, using our truck, crane, or equipment, will be provided as set forth in this policy and subject to the following conditions.

1. Job site and vault setting location is accessible without towing or pushing of our truck or equipment.
2. Excavation is properly prepared and ready to receive the vault at the time of delivery.
3. All excessive stand-by time at any job site resulting from incomplete, or lack of, preparation by the customer and/or contractor will be billed. Billing is determined by the current dollar rate per hour, or fraction thereof, to compensate for our loss of use of the equipment.
4. The customer and/or contractor shall be responsible for all backfilling, tamping, and finish grading.
5. Equipment belonging to the company cannot be left at the job site for the purpose of unloading or setting by others, unless previously arranged and agreed to in writing, between the company and the customer.
6. The company accepts responsibility for proper installation and assembly of its products, when installed or supervised by its authorized representative. **ANY PRODUCT MANUFACTURED BY UTILITY VAULT THAT IS HANDLED, MOVED, OR INSTALLED BY OTHERS NULLIFIES THE RESPONSIBILITY OF THIS COMPANY.**

INSTALLATION INFORMATION

This installation information (dated 10-01-05) supercedes and makes null and void all previous information.

EXCAVATION AND BEDDING

Installation of vaults requires that the customer provide the excavation in which to lower the individual components into place. The excavation must allow for overall assembled height of vault plus added height of risers, cast iron covers, etc., and bedding material consisting of 4" to 12" of stable base material.

A minimum clearance of 12" and 24" around the sidewalls of the vault is required for ease of installation.

SETTING

The vault is assembled as each section is lowered into the excavation. First, the base section is lowered, leveled, and firmly positioned. Then subsequent sections are lowered and assembled.

The seal surfaces between sections must be clean and the gaskets must be in place. Excavation hole must not contain water when setting vault.

KNOCKOUTS

Knockouts are provided in various locations in sufficient number to meet the majority of requirements. Knockouts are easily removed by striking in the center with a hammer or other similar tool. A single moderately heavy blow will give better results than numerous light blows.

BACKFILLING

Backfill around all vaults should be of a good compacting material such as pea gravel, sand, or select backfill material. In no case shall the material be saturated soil, or contain large rocks or chunks. No voids should remain between the vault walls and native soil of excavation. Backfilling should not be done until vault is completely assembled. Make certain the backfill is compacted progressively from the bottom to the top surface.

All backfilling is the responsibility of the customer and/or contractor.

GROUTING

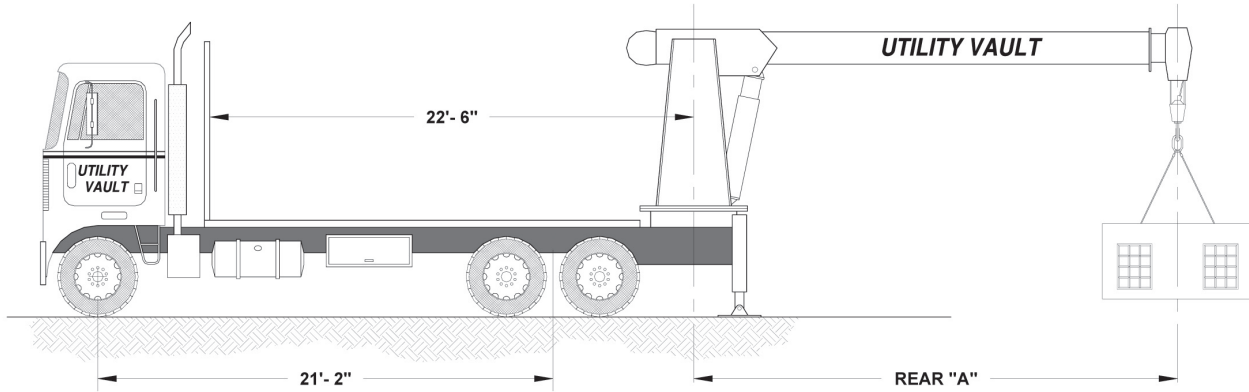
All grouting of risers, covers, conduit or specific sections of vaults is the responsibility of the customer and/or contractor. A recommended cement grout consists of two parts sand and one part cement and sufficient water to form a plastic slurry. Apply in a manner to insure filling of all voids in the joint being sealed.

DESIGN ASSUMPTIONS

Vaults are designed for H-20 loading unless otherwise specified. Soil cover for vaults shall be between 5'-0" (maximum) and top of vault at finished grade (minimum). If the soil cover does not fall within this range or the water table is less than 5'-0" below finished grade (4ft, 3ft, etc.), or if loading exceeds H-20, Utility Vault needs to be contacted to evaluate the vault for structural and buoyancy purposes.

TRUCK/TRAILER AND CRANE SETTING LIMITATIONS

- The company crane truck and trailer can carry a maximum net legal load between 43,000 and 56,000lbs, depending on the truck.
- Semi truck and trailer without crane can carry a maximum net legal load of 48,000 lbs.
- For setting vaults, clear access to the site and a suitable surface area adjacent to the excavation is required.
- Company equipment cannot be pushed or pulled to the job site.
- Crane capacities and limitations are as shown in table and illustrations below.



CRANE CAPACITY

Dim. "A"	SIDE	REAR
8'- 0"	20,000 lbs.	20,000 lbs.
10'- 0"	20,000 lbs.	20,000 lbs.
15'- 0"	20,000 lbs.	20,000 lbs.
20'- 0"	13,170 lbs.	16,150 lbs.
25'- 0"	8,560 lbs.	9,860 lbs.
29'- 0"	6,860 lbs.	7,390 lbs.

