

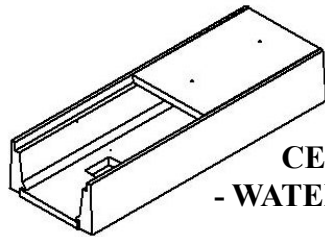
CONCAST INC.

-PRECISELY ENGINEERED HIGH STRENGTH CONCRETE-

TELECOMMUNICATION APPLICATIONS



From mobile to home phones Concast offers products to fit the changing needs of contractors on the cutting edge of technology, providing products for field applications to the telecommunication industry. Future expansion and upgrading of existing lines is inevitable. With the use of Concast Trench, vaults, and/or hand holes costly expansions can be greatly decreased.



**CELLULAR TRENCH SYSTEM
- WATER TOWER APPLICATION**

Inside this Newsletter:



CELLULAR TRENCH

A new application for the Concast Trench System



TELEPHONE BOX

New product design thru working with local telephone company.

For more information or to discuss any of these new products with the end user. Please contact Concast and we will get you in touch with someone to further discuss these applications.

Cable trench can be ordered in pedestrian, light traffic, and heavy traffic ratings. For this application light traffic trench was used because of the nature of the installation. Being a residential area mowing around watertanks was required. With a H10 (16,000 lb) rating and flush to grade design, mowers can pass over trench as if it were not present. It's virtually a No Maintenance Installation.

The use of Concast Cable Trench allows for secure coax placement in areas that equipment can not be close to the tower/ antenna mounting area (water tanks are the most common.)



Coax - Safe and Secure inside Concrete Trench

Concast Cable Trench System Helps Reduce:

- Coax Installation Costs.
- Service Costs of Coax.
- The Possibility of Moisture/Freezing of Coax in Buried Conduit.
- Site Expansion Costs - Trench can be sized to accommodate future Expansion.



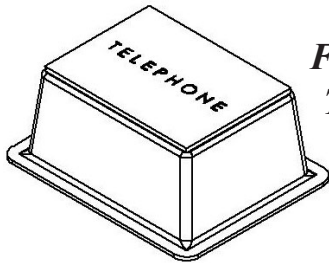
Installation



Fluted Watertank



Leg Watertank



FIBERCRETE® TELEPHONE BOX



Zumbrota Telephone Company came to us in hopes that we could design an enclosure that would aid in expected expansion and upgrading in a new housing development area. We already had our line of Fibercrete Box Pads, but nothing small enough for this application. We worked together to find an enclosure that would be sized appropriately for what they needed and then created the molds required to make them.

The application as described by Zumbrota Telephone Company:
We run innerduct to each house from this vault and from this vault to the pedestal we run 2" conduit. Telephone service wire is then pulled in the innerduct thru the vault and run into the pedestal thru the 2" conduit. In the future we will be able to access the vault and easily pull new wire (Fiberoptic for example) to the homes or add new lines if needed. All this without destroying lawns by digging up existing lines. After final grade around homes is complete the vault cover will be hidden under a few inches of dirt and grass unnoticed by most, but always ready if needed.

