

## PRECAST CONCRETE VAULTS – THE LOGICAL CHOICE

Precast concrete vaults are the best solution to fill the requirements demanded during the toughest job site conditions. They can be provided in a variety of standard shapes such as round, square, or rectangular. Custom shapes are also widely available. Precast con-

crete vaults may be custom engineered to meet the most severe loading requirements. They are manufactured in a controlled environment utilizing the latest quality control techniques to give you the quality assurance you deserve prior to arriving on the job site.

### Water Vaults

Precast concrete vaults are used to house potable water products such as valves, backflow devices, and water meters. Precast concrete vaults provide a safe, water-tight environment for the monitoring and maintenance of water systems. A variety of accessories are available to provide safe working conditions such as access ladders, safety nets, access hatches, and ladder-up safety posts.

Some typical applications:

- Wet Wells
- Water Meters
- Valve Chambers
- Backflow Preventers



### Containment/Treatment Vaults

Precast concrete vaults are the ideal product for use in the non-potable water treatment process. A variety of sizes and capacities are available and will serve any need. A wide range of treatment processes from a simple oil/water separator to a more complex filter unit can be achieved in a precast concrete vault. Easy access for maintenance is another plus when using a precast concrete unit. Precast concrete vaults are engineered to meet the most severe loading requirements and jobsite conditions.

Some typical applications:

- Oil/Water Separators
- Grease Interceptors
- Coalescing Plate Separators
- Media Filter Processes
- Fuel Spill/Containment Processes
- Septic Tanks



## Communication and Power Vaults

Precast concrete vaults are a vital component to the communication and power infrastructure across the United States. A range of vaults are available for power, telephone, and communication applications. Vaults can be equipped with water tight connectors for conduit, uni-struts for racking packages, and internally grounded base units. From Portland General Electric to Verizon, every major telephone and power company specifies precast vaults in their system.

Some typical applications:

- Telephone Vaults
- Power Vaults
- Tele-Communication Vaults

## The Advantages of Precast Products:

- The high strength and durability of concrete vaults is assured with stringent factory quality controls.
- The flexibility of a custom engineered design.
- Speedy and contractor friendly installations reduce exposure to prolonged open excavations.
- Precast concrete vaults are available with a wide list of options including water tight pipe penetrations, custom coatings or linings, steps or ladders, vents, special imbeds and a large variety of hatches or cast iron rings & covers.

The Pacific Northwest Precast Concrete Association is comprised of regional companies and individuals engaged in the manufacture of precast concrete and related products. Our members are based in a three-state and Canadian province region encompassing Oregon, Washington, Idaho and British Columbia. PNPCCA exists to exchange industry knowledge and information, secure efficient cooperation between the concrete products industry and engineers, developers and governmental agencies, and to advocate and encourage constant improvements of practices for the purpose of developing high product quality.

Log on to our website at [www.pnpcca.net](http://www.pnpcca.net) and click on "Free Design Information" for tools and to register for receiving product and technical updates.

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Take the precast concrete advantage, and contact a Pacific Northwest Precast Concrete Association member and let us help you choose the best precast solution to fit your needs. Choose from one of our many standard offerings, or we will be happy to assist you in the design and construction of the custom vault that will specifically meet your requirements. Large or small, we have your solution.

**Contact our members  
on our website at  
[www.pnpcca.net](http://www.pnpcca.net)**