



ALBUQUERQUE VAULT COMPANY

PRE-CAST
CONCRETE
PRODUCTS

300 Airport Dr., NW * Albuquerque, NM 87121 * Phone: 505-836-4404 / Fax: 505-836-5663

Detail #

4X4VB

Not To Scale

Dec., 2012

4 x 4 CONCRETE BOX

GENERAL NOTES:

1. Design specifications conform to latest ASTM C913 specifications for "Precast Concrete Water and Wastewater Structures."
2. Concrete compressive strength 4,000 psi minimum at 28 days.
3. Steel reinforcing design to conform to the requirements of ASTM C890 specifications for "Structural Design Loading for Water and Wastewater Structures" and shall utilize grade 60 rebar conforming to the requirements of ASTM A615 or WWF conforming to the requirements of ASTM A185 or both. As per C.O.A. Additional reinforcing provided at all openings. -
Base slab: #4 rebar on 12" O/C - Walls: #4 rebar on 12" O/C - Top: (2) mats of #4 rebar on 6" O/C.
4. Omitted.
5. Steps per job requirements. Steps shall be steel reinforced copolymer polypropylene plastic and meet the requirements of ASTM C478. Center on access. Vertical spacing = 12".
6. Pipe penetration to be as per job requirements. Pipe to be installed by contractor as per DOT requirements for mortar joint connections.
7. Access size, location and type per job requirements and to conform to C.O.A. standards or as otherwise specified. Supplied by either Albuquerque Vault or customer.
8. Joints to be sealed with butyl rubber joint stick sealant conforming to the requirements of ASTM C990, or mortar as per C.O.A. requirements, or both.
9. Excavation hole bottom shall be 2' wider & 2' longer than extended base dimensions.

