



EC5-2.2601

WEIGHTS:

TOP: 17,170 LBS.

BOTTOM: 15,710 LBS.

DISTRIBUTION CONSTRUCTION STANDARD
EUGENE WATER & ELECTRIC BOARD - EUGENE, OREGON

7' 11" X 13' X 8' 7" CONCRETE MANHOLE VAULT WITH 2' 10" OPENING

Approved Jan 30, 2013

EC5-2.2600

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ASSEMBLY EC5-2.2601

CONCRETE MANHOLE VAULT 7' 11" X 13' X 8' 7" WITH 2' 10" OPENING

1. 348-0000541 1 EA VLTMH7'11"X13'X8'7" 2'-10" OPNG

CONSTRUCTION NOTES:

1. Construction to refer to GC5-2.9000 for typical 7' 11" x 13' x 8' 7" concrete manhole vault installation requirements.

DESIGN NOTES:

1. Designed for H20 "Traffic Rated" wheel loading. This manhole vault can be located in roadways, alleys, truck parking areas, fire truck access locations and airport vehicle traffic areas. This vault is NOT designed for any size of "Aircraft" wheel loading and SHALL NOT be located in these areas.
2. Assembly EC5-2.2601 is required for all new construction.
3. (2) 12" stanchions with (2) 8" conductor support bracket arms EC5-9.0502 are required per three phase primary pull to rack conductors.
4. (3) 36" stanchions with (3) 14" conductor support bracket arms EC5-9.0503 are required per three phase feeder pull to rack conductors.

REFERENCE STANDARDS:

- A) Refer to EC5-3.1700 for grounding detail.
- B) Refer to EC5-3.2000 for grounding wire detail 7' 11 x 13' x 8' 7" switch vault.
- C) Refer to EC5-4.2300 and EC5-4.2600 for 600 AMP T-splice assemblies.
- D) Refer to EC5-9.0500 for conductor support and secondary mole support brackets.
- E) Refer to EC5-2.0100 for required minimum feeder, primary and secondary/service conductor makeup length for vaults and secondary boxes.
- F) Refer to ED5-1.7000 for Underground Cable pulling program, Pull planning user guide.
- G) Refer to GC5-2.3900 for entering and exiting concrete vaults/boxes conduit detail.
- H) Refer to EC5-2.8000 for solid and steel manhole vault riser tubes.
- I) Refer to EC5-2.8500 for manhole vault frame and covers.
- J) Refer to GC5-2.8500 for temporary steel plating, core cut and manhole vault frame and cover adjustment requirements for traffic area grade changes.
- K) Refer to GC5-2.9000 for typical 7' 11" x 13' x 8' 7" concrete manhole vault installation requirements.
- L) Refer to Specification ES5-2.1100.25 for EWEB Stock code # 348-0000541.