



KEYNOTES:

- A. LADDER EXTENSION SHALL BE ALUMINUM AND EXTEND 40" ABOVE THE TOP OF THE VAULT OPENING. LADDER UP POST SHALL BE BILCO TYPE LU-4 OR APPROVED EQUAL.
- B. ATTACH LADDER SUPPORT TO INSIDE FACE OF VAULT COVER OPENING WITH STAINLESS STEEL HARDWARE AS SHOWN. \varnothing OF RUNG MUST BE SET 7" FROM FACE OF SURFACE BEHIND RUNG. LADDER SHALL BE ON THE SIDE ADJACENT TO THE DOOR HINGE.
- C. PROVIDE 15" MINIMUM LATERAL CLEARANCE ON EACH SIDE OF LADDER \varnothing .
- D. LADDER SHALL MEET THE REQUIREMENTS OF OSHA AND SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
- E. LADDER SHALL BE ATTACHED TO FLOOR OF VAULT WITH STAINLESS STEEL HARDWARE PER THE MANUFACTURERS RECOMMENDATIONS.
- F. STAINLESS STEEL SAFETY CHAINS SHALL BE ATTACHED TO LID. CHAIN POST MOUNTS ARE REQUIRED ON SINGLE DOOR VAULTS. CHAINS SHALL BE A MINIMUM OF 34" HIGH AT LOWEST POINT INCLUDING SAG, MAXIMUM OF 39", AND SHALL HAVE MID-SPAN CHAIN. CHAINS SHALL BE DETACHABLE ON LADDER SIDE OF VAULT AND POWDER COATED ORANGE FOR VISUAL AWARENESS.
- G. SINGLE DOOR VAULT FRAMES SHALL HAVE 2 POST MOUNTS ON THE INTERIOR OF THE FRAME FOR POST MOUNTED CHAINS.



TUALATIN VALLEY
WATER DISTRICT

DESIGNED: MBA

APPROVED: NWA

SCALE: NONE

**VAULT LADDER
INSTALLATION**

DATE: 9/2020

DETAIL

701