



VAULT DETAIL

N.T.S.

NOTE:

- (N1) CITY OF SPOKANE UTILITY VAULT. WILBERT PRECAST PRODUCT #1923, 8'x14'x6'-8" INSIDE HEIGHT WITH 30" DIAMETER MANHOLE FRAME RING AND COVER LABELED "WATER". FILL BOTTOM OF VAULT WITH 6" OF 1/2" TO 1" WASHED DRAIN ROCK. VAULT MAY BE SHORTER IF PERMITTED BY C.I.D.
- (N2) 2" ROMAC No. 202S DOUBLE STRAP SERVICE SADDLE
- (N3) RESILIENT SEAT GATE VALVE WITH INDICATOR PLATE. A 240 POST INDICATOR VALVE WITH APPURTENANCES BY "WATEROUS CO." OR EQUIVALENT. EXTEND POST INDICATOR PIPE TO 38" ABOVE FINISHED GRADE
- (N4) RESILIENT SEAT GATE VALVE (AT MAIN-BY C.I.D.)
- (N5) DOUBLE DETECTOR CHECK VALVE ASSEMBLY WITH 1" BYPASS METER IN CUBIC FEET. "MASTER METER"
- (N6) 4" TEE WITH 4" CHECK VALVE, 4"x90° BEND, 4" PIPE TO ABOVE GRADE, 4"x2-1/2"x2-1/2" FIRE DEPARTMENT CONNECTION WITH AUTOMATIC DRAIN VALVE. INSTALL 36" ABOVE FINISHED GRADE. MUST BE AT LEAST 3' INSIDE CURB
- (N7) ROMAC STYLE 501 STRAIGHT TRANSITION COUPLING
- (N8) BALL VALVE
- (N9) GALVANIZED x90° BEND
- (N10) REDUCING GALVANIZED TEE
- (N11) WATER METER PER C.I.D.
- (N12) DOUBLE CHECK VALVE ASSEMBLY PER C.I.D.
- (N13) GALVANIZED TEE
- (N14) BALL VALVE
- (N15) GALVANIZE x90° BEND
- (N16) DOUBLE CHECK VALVE ASSEMBLY PER C.I.D.
- (N17) INSTALL PIPE SUPPORT JACKS AS REQUIRED
- (N18) DOMESTIC SERVICE PIPE PER OWNERS SPECIFICATION
- (N19) SIZE OF FIRELINE TO BE SPECIFIED BY ENGINEERING FIRM BASED UPON FLOW REQUIREMENTS

GENERAL NOTES:

1. ALL PIPES THROUGH WALLS AND TOP SHALL BE GROUTED AND SEALED. ALL FIRELINE PIPING INCLUDING THROUGH WALLS SHOULD BE DUCTILE IRON CLASS 50.
2. ALL DOMESTIC PIPING INSTALLED BY C.I.D. AND PAID BY THE DEVELOPER. ALL PIPING GALVANIZED INCLUDING THROUGH VAULT WALL.
3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH C.I.D. FOR INSPECTIONS, AND INSTALLATION OF THE DOMESTIC SERVICE.
4. PROVIDE MONITOR SWITCHES FOR ALL FIRE LINE VALVES LOCATED IN VAULT INCLUDING P.I.V. MONITOR SWITCHES SHALL BE GRINELL MODEL F-640 OR APPROVED EQUAL. SWITCHES SHALL BE INSTALLED PER MANUFACTURER REQUIREMENTS.
5. 2' MAX FROM LID TO FIRST RUNG. 1' MAX LADDER RUNG SPACING, LADDER NOT SHOWN FOR CLARITY.

DATE: 02/01/10

**CONSOLIDATED IRRIGATION
DISTRICT No.19 (C.I.D.#19)
GREENACRES, WA**

**COMBINATION FIRELINE/
COMMERCIAL WATER SERVICE**

DRAWING No.

W7