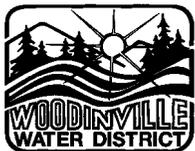


MATERIAL LISTING

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| <p>① 2'x2'x8" THICK FORMED CONCRETE BLOCKING WITH LOCKING FOLLOWER RING (EBBA IRON MEG-A-LUG OR EQUAL</p> <p>② CL 53 SPOOL, PEXFL</p> <p>③ PRECAST CONCRETE VAULT WITH DOUBLE HINGED STEEL PLATE DOORS WITH SUPPORT ARMS, DIMENSION TO VARY WITH SIZE OF ASSEMBLY</p> <p>④ O.S.H.A. APPROVED LADDER</p> <p>⑤ PIPE SUPPORT STAND UNDER DCDA</p> <p>⑥ COPPER OR BRASS BYPASS WITH AN APPROVED DCVA. PLUMB TO INSIDE OF VAULT.</p> <p>⑦ ¾" METER SUPPLIED WITH DCDA UNIT</p> <p>⑧ WASHINGTON STATE DEPARTMENT OF HEALTH DCDA IN MAIN LINE WITH TWO O.S. & Y. RESILIENT SEATED SHUTOFF VALVES AND TEST COCKS. SEE SPECIFICATIONS FOR APPROVED GATE VALVES.</p> <p>⑨ EBAA IRON SERIES 2100 MEG-A-FLANGE</p> <p>⑩ CLASS 52 PIPE LENGTH TO FIT</p> <p>⑪ GROUT INTERIOR AND EXTERIOR ALL AROUND PIPE AND ALL WALL PENETRATIONS USING NON-SHRINK GROUT.</p> <p>⑫ GATE VALVE MJxMJ WITH POST INDICATOR VALVE (PIV)</p> <p>⑬ MJ TEE ASSEMBLY SIZED ACCORDINGLY</p> <p>⑭ 90° BEND (MJ)</p> | <p>⑮ CL 53 SPOOL PEXFL</p> <p>⑯ 90° BEND, FL</p> <p>⑰ CL 53 SPOOL FLxFL</p> <p>⑱ UL LISTED F.D. CONNECTION AND UL LISTED BREAKAWAY CAPS</p> <p>⑲ SCHEDULE 40 GALVANIZED PIPE SPOOL FLxTHREAD WITH 20 MIL PIPE WRAP BELOW GRADE. PAINT PER FIRE MARSHAL REQUIREMENTS.</p> <p>⑳ 90° BEND, FL</p> <p>㉑ SWING TYPE GRAVITY OPERATED CHECK VALVE WITH BALL DRIP VALVE TO BE INSTALLED HORIZONTALLY.</p> <p>㉒ REDUCER (IF REQUIRED) OR SLEEVE COUPLING OUTSIDE OF VAULT.</p> <p>㉓ NOT USED.</p> <p>㉔ NOT USED.</p> <p>㉕ PROVIDE ZOELLER CO. SUMP PUMP. PART NO. 53-0001, MODEL NO. M-53-D. IF GRAVITY DRAIN NOT FEASIBLE.</p> <p>㉖ 2" DOUBLE STRAP SADDLE ROMAC 202S OR APPROVED EQUAL W/ 2" CURB STOP WITH LOCKING HASP. TAP ON BOTTOM OF PIPE FOR FLUSHING.</p> |
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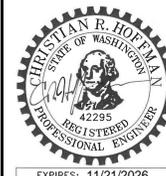
DOUBLE DETECTOR CHECK AND VAULT ASSEMBLY NOTES:

1. OWNER SHALL FURNISH, AND INSTALL THE DCDA AND ALL PIPING AND APPURTANCES SHOWN ON THIS PLAN.
2. DOUBLE DETECTOR BACKFLOW PREVENTORS SHALL BE FEBCO OR STATE APPROVED EQUAL. (SUBMITTAL REQUIRED). NOTE: DO NOT ALTER BACKFLOW UNIT IN ANY MANNER OR IT WILL LOSE THE STATE APPROVAL.
3. DEVELOPER SHALL PROVIDE INITIAL TEST OF THE DCDA PRIOR TO ESTABLISHMENT OF WATER SERVICE.
4. IT SHALL BE THE OWNERS RESPONSIBILITY TO SIZE THE FIRE SPRINKLER SERVICE LINE, OBTAIN AND COORDINATE FIRE PERMIT AND ELECTRICAL PERMIT (IF REQUIRED).
5. ALL PIPING, VALVES & FITTINGS DOWNSTREAM OF THE VAULT IS SHOWN & CALLED OUT GENERICALLY. A SEPARATE DETAIL PLAN FOR VAULT INSTALLATION AND SPRINKLER LINE MUST BE SUBMITTED AND APPROVED BY THE FIRE MARSHAL PRIOR TO INSTALLATION.
6. LADDERS SHALL BE INSTALLED IN COMPLIANCE TO O.S.H.A. REQUIREMENTS.
7. NO CHEMICALS ARE ALLOWED IN THE FIRE SPRINKLER PIPING SYSTEM.
8. LOCATE VAULT IN PLANTING AREA AND NOT IN PAVING AREA UNLESS APPROVED BY THE DISTRICT.
9. PIPING SHALL BE CL 52 AND CEMENT LINED. (EXCEPT AS SHOWN)
10. A SUMP PUMP SHALL BE INSTALLED W/ POWER CONDUIT AT THE OWNERS EXPENSE IF GRAVITY DRAIN IS NOT FEASIBLE. 1 ½" DIA. SCHEDULE 40 PVC SHALL BE USED FOR DISCHARGE PIPING. INSTALL SINGLE CHECK AND UNION IN-LINE DOWNSTREAM OF PUMP ANCHOR PIPING TO WALL.
11. TEMPORARY SUPPORT SHALL BE PROVIDED UNDER VALVES AT THE TIME OF INSTALLATION. AFTER COMPLETE INSTALLATION INSTALL PERMANENT PIPE SUPPORT STAND.
12. SIZE VAULT BASED ON SIZE OF APPARATUS AND MEETING MINIMUM CLEARANCES. (VAULT SUBMITTAL REQUIRED)
13. MINIMUM APPARATUS SIZE SHALL BE 4".
14. INSIDE VAULT SEAMS AND PIPE PENETRATIONS ARE TO BE SEALED WITH TRAFFIC RATED NON-SHRINK GROUT TO PREVENT WATER INFILTRATION. EXTERIOR JOINT WRAP IS REQUIRED ON ALL SEAMS, INSTALL AFTER GROUTING AND PRIOR TO BACKFILLING.
15. ALL MJ JOINTS TO BE RESTRAINED WITH A MEG-A-LUG OR EQUAL.



**Woodinville
Water District**

**FIRE SPRINKLER
SERVICE CONNECTION
MATERIAL LIST**



**WATER STD.
PLAN NO. 25A**

REVISION DATE
04/25