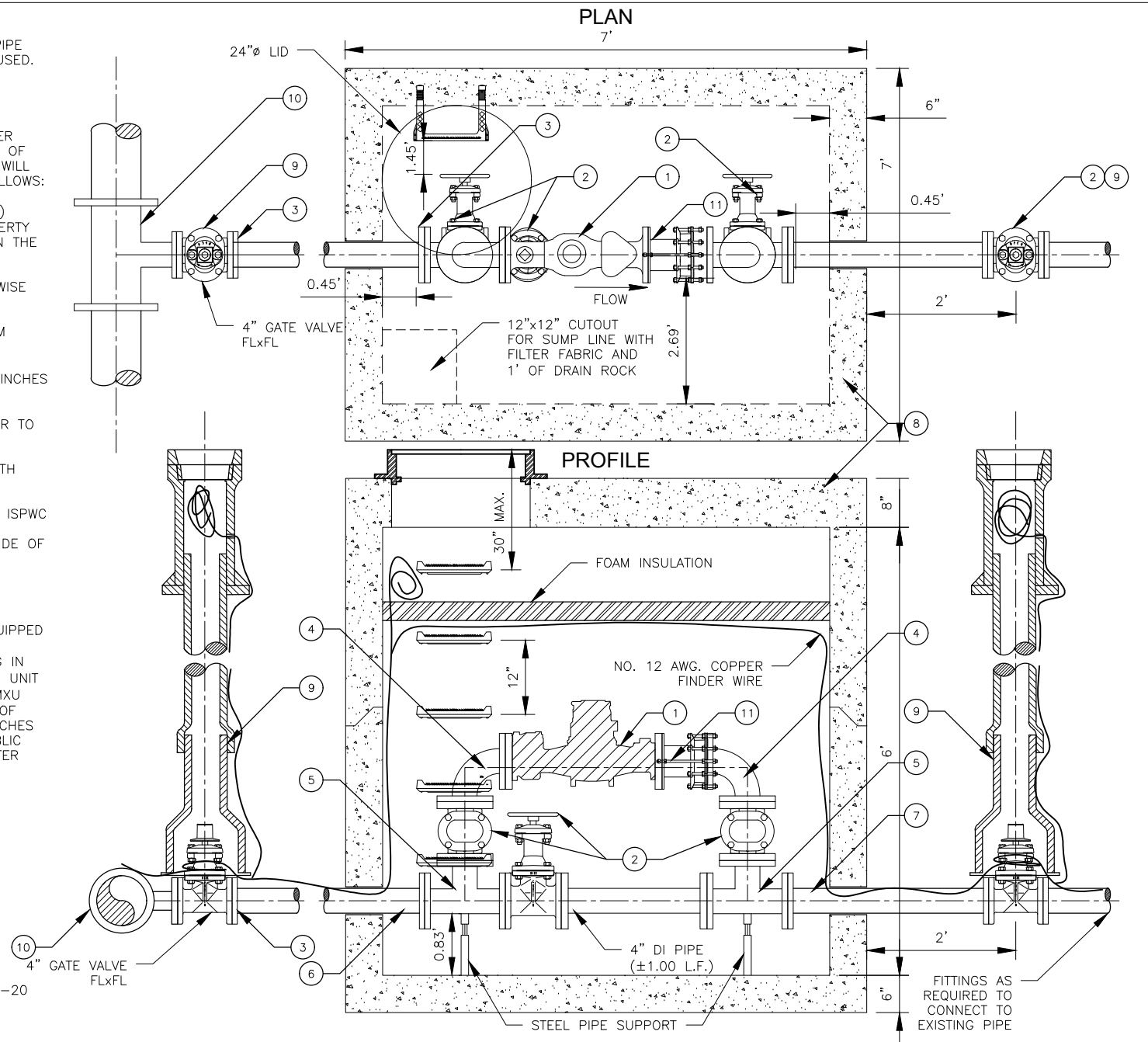


NOTES:

1. ALL WATER SERVICE COMPONENTS SHALL BE IRON PIPE SIZE. NO GALVANIZED PIPE OR FITTINGS SHALL BE USED. PIPE SHALL BE SIZED AS FOLLOWS:
 - A. SINGLE SERVICE: 4".
2. METER VAULT LOCATIONS SHALL BE SHOWN ON WATER SYSTEM PLANS AND APPROVED BY THE DEPARTMENT OF PUBLIC WORKS. METER VAULT LOCATION GENERALLY WILL BE LOCATED ON THE HOMEOWNER PROPERTY AS FOLLOWS:
 - A. SINGLE SERVICE: VAULT LID CENTER THIRTY (30") FROM R.O.W. AND CENTERED ON COMMON PROPERTY LINE. ENTIRETY OF VAULT SHALL BE LOCATED ON THE PRIVATE SIDE OF R.O.W.
3. SERVICE PIPE SHALL BE HDPE PIPE UNLESS OTHERWISE SPECIFIED.
4. SERVICE LINES SHALL BE INSTALLED WITH A MINIMUM COVER OF SIX (6') FEET.
5. SERVICE CONNECTIONS SHALL BE THIRTY-SIX (36") INCHES FROM FITTINGS OR WATER MAIN PIPE ENDS.
6. SERVICE PIPE SHALL BE FLUSHED IMMEDIATELY PRIOR TO METER INSTALLATION.
7. MAINTAIN SEPARATION DISTANCES IN ACCORDANCE WITH IDAPA 58.01.08.
8. REFER TO CITY OF McCALL STANDARD REVISIONS TO ISPWC AND SUPPLEMENTAL CONDITIONS SECTION 404 FOR REQUIREMENTS ON CONNECTIONS TO THE PRIVATE SIDE OF THE WATER METER.

LEGEND

- ① WATER METERS SHALL BE 4" SENSUS OMNI C²S EQUIPPED WITH A WATERPROOF ELECTRONIC COMMUNICATIONS REGISTER (TRPL EPX MTR) LESS TOUCHPAD READING IN 1,000 GAL. W/ 20' OF WIRE. A METER TRANSCIVER UNIT (520M MXU DUAL PORT) WITH EACH METER. THE MXU SHALL BE MOUNTED TO THE INSIDE VERTICAL WALL OF THE VAULT. THE MXU SHALL BE POSITIONED 12 INCHES MAXIMUM BELOW THE VAULT LID. THE DEPT. OF PUBLIC WORKS SHALL SUPPLY AND INSTALL THE WATER METER ASSEMBLY UNLESS OTHERWISE DIRECTED.
- ② 4" DI, RESILIENT WEDGE GATE VALVE, FLxFL
- ③ 4" HDPExDI FLANGE PIPE ADAPTER
- ④ 4" DI 90° BEND, FLxFL
- ⑤ 4" DI TEE, FLxFL
- ⑥ 4" HDPE PIPE
- ⑦ 4" DI PIPE
- ⑧ 6'x6'x6" INSIDE, PRECAST CONCRETE VAULT WITH HS-20 LOADING RATED LID. IF NECESSARY, "WHIRLYGIG" COLLARING SYSTEM REQUIRED ON ALL MANHOLES IN PLACE OF CONCRETE GRADE RINGS. SILANE-40 CONCRETE SEALER REQUIRED.
- ⑨ VALVE BOX TO BE INSTALLED PER MSD-412
- ⑩ MAIN DIA. x 4" TEE, FLxMJ
- ⑪ 4" DISMANTLING JOINT, FLxFL



PUBLIC WORKS DEPARTMENT
 815 N. SAMSON TRAIL
 McCALL, IDAHO 83638
 208.634.5580

CITY OF McCALL
SINGLE WATER SERVICE CONNECTION - 4"

PROJECT	DRAWN BY	SHEET NO.
DATE	1/12/2023	1 OF 1

STANDARD DRAWING NO.
MSD-401F