



520M PIT SET MXU - SENSUS
RADIO READ TRANSMITTER;
OTHER OPTION 510M NOT-PIT
SET WALL MOUNTED

CATEGORY 5 WIRE FOR
520M PIT SET OR 510M
NOT PIT SET

18" Ø CAST IRON LID WITH SIDE
MOUNTED KEY LOCK AND READER LID
MUELLER: 282923 - SEE BSWSD
STANDARD DRAWING NO. 26-21A

PVC LID LOCKING BRACKET (TYP.)

17.4" X 4" ETHO PAD, WITH
NYLON STRAP HANDLE

18" PVC SHELL, ASTM D2241 CLASS
51, THICKNESS - 0.300"

WATER METER, USE EITHER SENSUS PMM OR SR
WATER METER FOR A 1" SERVICE OR AN OMNI
METER FOR SERVICES 1 1/2" AND 2" SIZE

1" ANGLE DUAL CHECK VALVE ASSEMBLY

PVC PLATFORM

PVC PLATFORM SUPPORT RING

1" CLASS 250 POLYBUTYLENE
TUBING ASTM D2666, SDR 7

1" HEX NUT (TYP.)

1" MIP OUTLET CONNECTION

1" MIP INLET CONNECTION

3/4" CRUSHED GRAVEL

ELEVATION VIEW

NOTES:

1. ALL WATER SERVICE COMPONENTS SHALL BE IRON PIPE SIZE (IPS). NO GALVANIZED PIPE OR FITTINGS SHALL BE USED. WATER SERVICE SADDLE, CORPORATION STOP, AND PIPE SHALL BE SIZED AS FOLLOWS:
2. METER BOX LOCATIONS SHALL BE SHOWN ON WATER SYSTEM PLANS AND APPROVED BY THE BIG SKY WATER AND SEWER DISTRICT.
3. SERVICE PIPE SHALL BE POLYETHYLENE PRESSURE PIPE CONFORMING TO AWWA C901. SERVICE PIPE SHALL BE MINIMUM PRESSURE CLASS 250, SDR 7.
4. SERVICE PIPE SHALL BE BURIED AT 7.0' MIN/8.0' MAX DEPTH.
5. SERVICE CONNECTIONS SHALL BE 18" MINIMUM FROM THE WATER MAIN PIPE END. MULTIPLE SERVICE CONNECTIONS IN THE SAME JOINT OF PIPE SHALL BE SEPARATED BY 12" AND NOT IN THE SAME HORIZONTAL LEVEL - ABSOLUTE.
6. SERVICE PIPE SHALL BE FLUSHED IMMEDIATELY PRIOR TO METER INSTALLATION.
7. WATER METERS SHALL BE EQUIPPED WITH SENSUS 520M MXU PIT SET OR 510M MXU NON-PIT SET WALL MOUNTED, WATERPROOF ELECTRONIC COMMUNICATIONS REGISTRAR FOR RADIO READ-OUT.
8. SERVICE LINE FROM MAIN TO METER SHALL BE UNINTERUPED (NO SPLICES/JOINTS). PIT-SET METER ASSEMBLY SHALL BE LOCATED 13' FROM PROPERTY LINE. ANY CHANGES IN LOCATION SHALL BE PROHIBITED WITHOUT APPROVAL FROM BIG SKY WATER AND SEWER DISTRICT.

DETAIL NO.: BSWSD: 26-20 A	BIG SKY WSD 363 STANDARD DRAWING	SCALE: NONE	MUELLER/HUNT 1" SINGLE METER COIL PIT	DATE:	FEBRUARY 2010
				LAST REVISION:	MAY 11, 2010
				CROSS REFERENCE WITH:	N/A