



NOTE:
 DETAIL SUBJECT TO CHANGE PER DIRECTION
 OF CITY OF LEWISVILLE ENGINEERING DIVISION

- ① ALL PIPING FROM GATE VALVE TO GATE VALVE SHALL BE DUCTILE IRON
- ② WUELLER C 976 2860 SERIES 12" GATE VALVE OR APPROVED EQUAL
- ③ ENRESS HAUSER 12" PROSONIC FLOW 93C IN-LINE TRANSIT-TIME METER
- ④ ROMA INDUSTRIES, INC. 12" DT405 DISMANTLING JOINT OR EQUAL
- ⑤ WUELLER C916 12" 2800 SERIES CHECK VALVE OR EQUAL
- ⑥ 12" SQ. X 18" DEEP SUMP
- ⑦ REINFORCED CONCRETE 18" DEEP FOOTER FOR METER ELECTRONICS ENCLOSURE PROVIDED BY OTHERS
- ⑧ QUAZITE TBAFIC SIGNAL CABINET BASE 39 3/8" W. X 172 5/8" D. X 18" H. PART NUMBER PH24564A PROVIDED BY OTHERS
- ⑨ 12" SQ. X 24" DEEP SUMP
- ⑩ SUMP PUMP 3/4 HP SUBMERSIBLE CAST IRON/PATENTED COMMERCIAL DISTRIBUTOR OR EQUAL. GRANGER ITEM 38890
- ⑪ GALV. STEEL ADJUSTABLE PIPE SUPPORT. (2)-FLG. TYPE AND (1)-SADDLE TYPE PROVIDED BY OTHERS
- ⑫ 48"x72" DUAL LEAF ALUMINUM HATCH 18SS HINGES & SLAMLOCK (OPTIONAL) ACCESS SAFETY NET
- ⑬ WATER TIGHT LINKSEAL OR APPROVED EOIL.

Specifications

CONCRETE: Class 1 concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth.

REINFORCEMENT: Grade 60 reinforced. Steel rebar conforming to ASTM A615 on required centers or equal.

HATCHWAY: Aluminum diamond plate cover with extruded aluminum frame furnished with drop handle, open door supports and slam locks(300 P.S.F. live load).

Engineering Data

The meter assembly shall be factory assembled in vault & hydrostatically tested prior to delivery. Field excavation & preparation shall be complete prior to delivery.



Standard Details
 12" Ultra Sonic Meter Assembly

Revisions:		
No.	Description	Date

Department of
 Community
 Development

Office No. 972-219-3490
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Dated: 8-13-07
 Dated: 2-10-16
 Dated: 11-07-16

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