PART VII - WATER MAINS AND SERVICE LATERALS

REVISED: 12/2015 8" MAX "B" #6 BAR @ 12" EACH WAY,-#5 HOOPS TOP & BOTT TYP NEENAH R-1916-K, 38" WATERTIGHT 4'-1" MIN LAP EACH FACE. (TYP ALL WALLS) MANHOLE FRAME, BOLTED LID. -#5 X 4'-0" TOP & BOTT TYP LAP = 1'-6" MANHOLE FRAMES SET-CENTERED OVER SUMP PIT. WITH OPENING FLUSH . . . WITH INSIDE WALL, TYP. WATER TIGHT LOCKJOINT FLEXIBLE -SLEEVE CONFORMING TO ASTM C 923 CLR E INTEGRALLY CAST INTO CONCRETE 18"X18" WALL AT ALL PIPE OPENINGS, USE A SUMP PIT-"Q" RS GATE VALVE W/ VALVE BOX CHECK LINK-SEAL OR APPROVED EQUAL STRAINER & RESTRAINED MECHANICAL JOINTS VALVE, "R AROUND PIPE. "D "D \otimes FLOW ← ADDITIONAL #6 NEENAH R-1916-H 32" WATERTIGHT AT OPENINGS MANHOLE FRAME, BOLTED LID. RESTRAINED-RUBBER[™] METER PLUS : EXPANSION JOINT, TYP. SPECS PIPE SUPPORTS UNDER "P' BOTH BY PASS BENDS. BY-PASS _____ "^" ÷. o o . 0 PLAN CONTRACTOR TO INSTALL 2" CLR 3" CLR STEEL POST AND BOX FOR METER PIT ROOF DETAIL REMOTE READ-OUT. STEEL POST AND BOX SUPPLIED NEENAH R-1916-H WATERTIGHT NEENAH R-1916-K WATERTIGHT BY THE WATER UTILITY. MANHOLE FRAME, BOLTED LID. MANHOLE FRAME, BOLTED LID. REMOTE FURNISHED CENTERED OVER SUMP PIT AND INSTALLED BY WATER UTILITY). POURED-IN-PLACE VAL VE COORDINATE POST FRAME TO CHIMNEY SEAL RISER W/2" AJUSTMENT. BOX LOCATION WITH CITY, PER SANITARY MANHOLE GRANULAR BASE REQ'D IF UNDER ROAD PAVE STANDARDS, TYP. 18.8 ADDITIONAL #6 (2) RUST PROOF AT OPENINGS PIPE SUPPORTS. TOP & BOTT 1" CONDUIT TO STEEL POST #6 @ 12" EA WAY, EA ARMORED AND 2" CLR TYP INSTALLED BY CONTRACTOR FACE, TYP ROOF SLAB EXPLOSIVE PROOF THREADED TAP FOR EXACT LOCATION OF CONDUIT LIGHT FIXTURES. 2" CAM-LOCK FITTING. TO BE FIELD DETERMINED FITTING SUPPLIED BY #6 @ 12" EA WAY EA FACE MADISON STANDARD 2" GALV. PIPE ARMORED AND EXPLOSIVE SCHEDULE 80 CONDULT THE WATER UTILITY. MANHOLE STEPS PROOF SWITCH. TYP ALL WALLS RS GATE 2 1/4" TURN BALL VALVE 2 M Δ - VALVE W W/ DRAINCOCK AFTER HAND WHEEL, TYP. VALVE, (FULL FLOW) MEGALUG OR APPROVED TRAINER LIGHT FIXTURES TO BE EQUAL MECHANCIAL JOINT. ANCHORED TO PIT CEILING N SWITCH TO BE ANCHORED TO PIT WALL, IN CONDUIT. "5D" 2% MIN SLOPE 2% MIN SLOPE MEGALLIG OR APPROVED EQUAL MECHANCIAL JOINT. PROVIDE 2"X4"-KEY FOR PIT WALLS. MEMBRANE WATERPROOFING ADJUSTABLE RUST PROOF METER PIT LIGHT DETAIL #6 @ 12" EA WAY EA FACE ON ALL EXTERNAL SURFACES. PIPE SUPPORT, ANCHORED TYP BOTTOM SLAB 1-0" TO FLOOR, (TYP.) 1'-6" X 1'-6" X 1'-6 SUMP PIT SECTION A-A **CITY OF MADISON** WATER METER PIT CONSTRUCTION NOT TO SCALE WATER UTILITY

DETAIL DRAWING NO. 7.30

City of Madison Standard Specifications for Public Works Construction