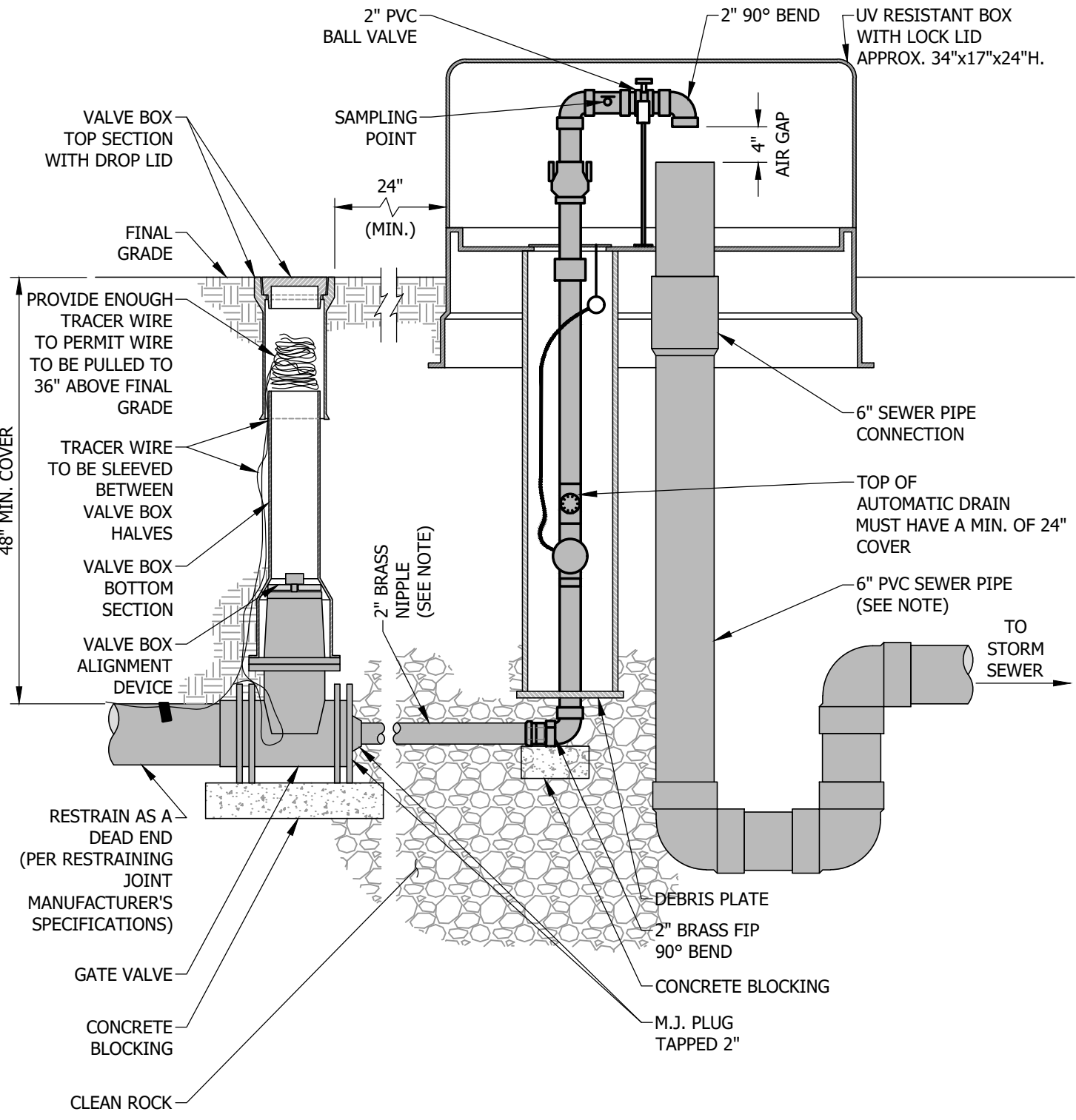


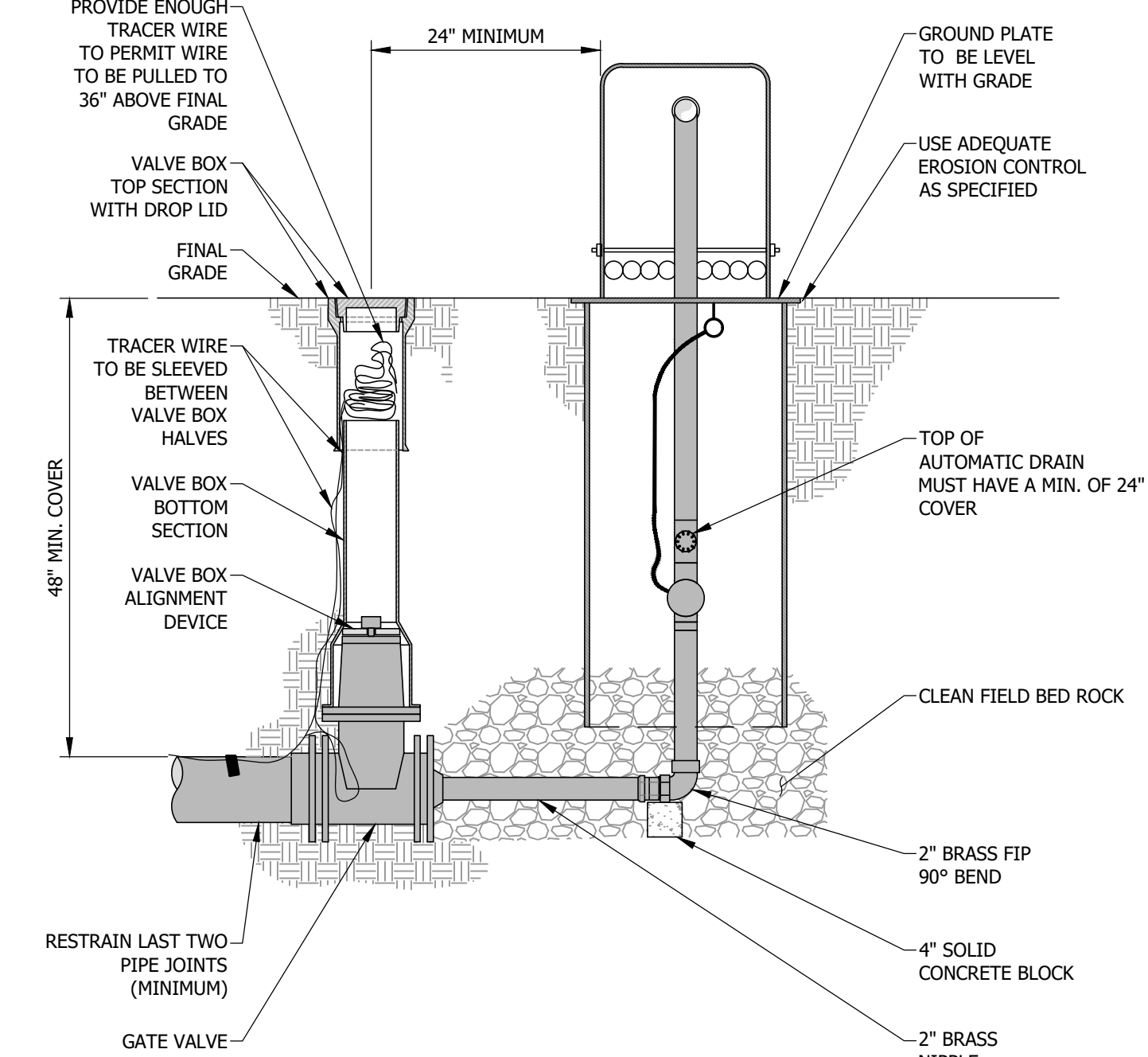
File: J:\ENGINEER\AUTOCAD\Standards\Detail Drawings\Water\05-DETAILS-DW33 thru DW36.dwg



NOTE:
MAY USE SCH 80 WITH GLUE JOINT FITTINGS IF OVER 3'

DW33 - AUTOMATIC FLUSHING DEVICE WITH GATE VALVE
(ECLIPSE 9800)

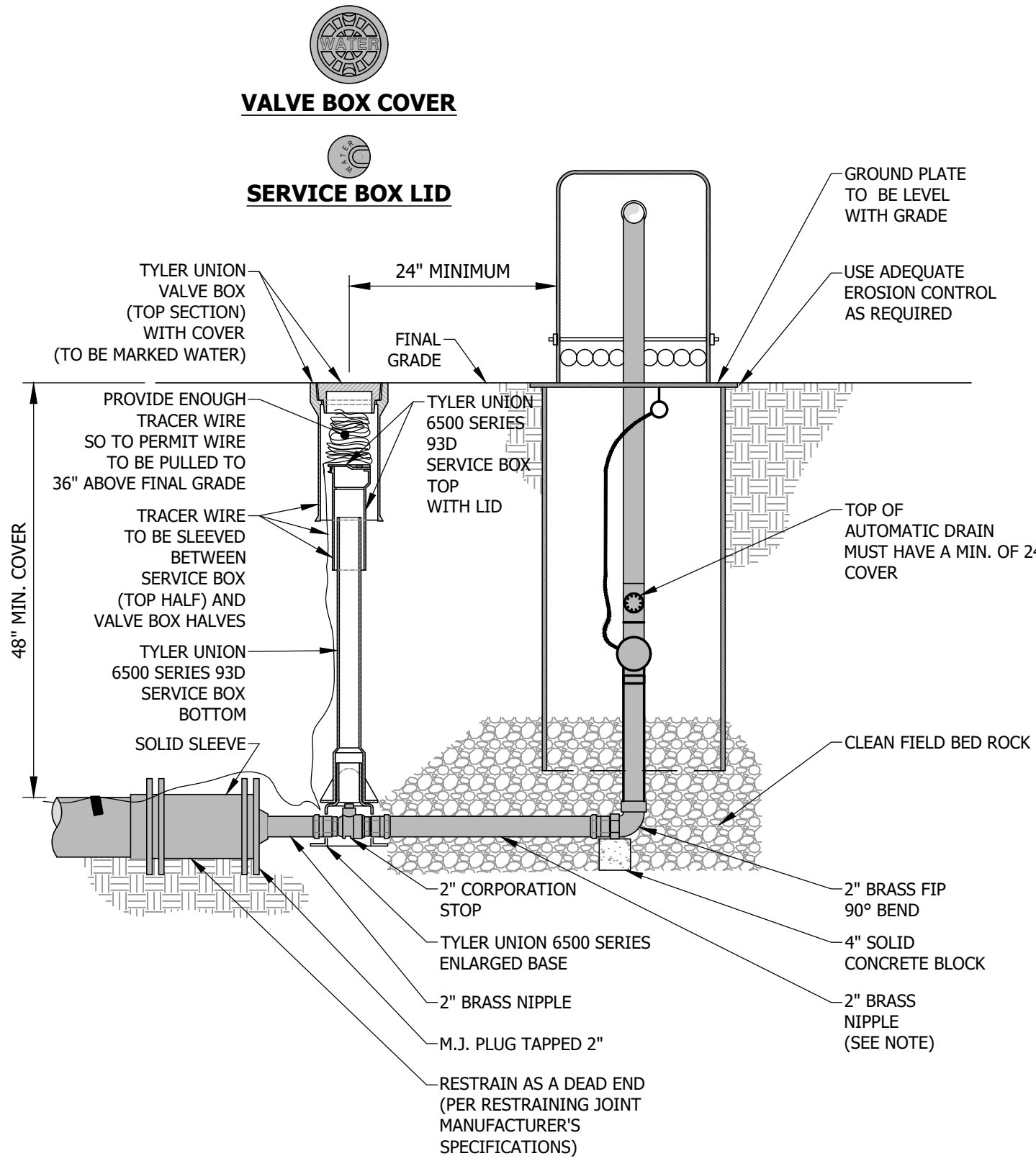
SCALE: N.T.S.



NOTE:
MAY USE SCH 80 WITH GLUE JOINT FITTINGS IF OVER 3'

DW34 - AUTOMATIC FLUSHING DEVICE WITH GATE VALVE
(ECLIPSE 9400)

SCALE: N.T.S.



NOTE:
MAY USE SCH 80 WITH GLUE JOINT FITTINGS IF OVER 3' (ONLY BEYOND BALL COCK)

DW35 - AUTOMATIC FLUSHING DEVICE
WITH 2" CORPORATION STOP (ECLIPSE 9400)

SCALE: N.T.S.

THESE NOTES PERTAIN TO DETAIL FIGURES DW33, DW34 AND DW35

AUTOMATIC FLUSHING DEVICE SHALL HAVE A 2" BRASS FIP INLET, LEADING VERTICALLY INTO A 2" AUTOMATIC SOLENOID VALVE. AUTOMATIC SOLENOID VALVE SHALL HAVE AN INTERNAL, SELF-CLEANING DEBRIS SCREEN, AND HAVE A 220 PSI RATING. EACH UNIT SHALL BE FURNISHED WITH A STAND-ALONE VALVE CONTROLLER. VALVE CONTROLLER WILL NOT REQUIRE A SECOND HAND-HELD DEVICE FOR PROGRAMING. CONTROLLER MUST HAVE A MINIMUM OF 9 POSSIBLE FLUSHING CYCLES PER DAY, SHALL BE SUBMERSIBLE TO 12 FEET, OPERATE WITH 9 VOLT BATTERY AND HAVE RESIN-SEALED ELECTRICAL COMPONENTS. SOLENOID SHALL HAVE NO LOOSE PARTS WHEN REMOVED FROM VALVE. EACH UNIT SHALL HAVE A DOUBLE-VALVE, ALL BRASS, SAMPLING POINT. REMOVAL OF 2" SOLENOID VALVE SHALL BE POSSIBLE VIA AN O-RING CONNECTOR LOCATED UNDER THE VALVE, AFTER REMOVAL OF STAINLESS STEEL ACCESS PLATE. VALVE ASSEMBLY SHALL BE HOUSED IN A PVC ENCLOSURE AND EACH UNIT SHALL BE SELF DRAINING, NON-FREEZING. ALL ABOVE-GROUND COMPONENTS SHALL BE CONTAINED WITHIN A UV-RESISTANT LOCKING COVER, AS MANUFACTURED BY KUPFERLE FOUNDRY COMPANY. ST. LOUIS, MO. 1-800-231-3990 MODEL No.9800 OR MODEL No.9400 OR APPROVED EQUAL.

PRIOR TO THE PERMANENT INSTALLATION OF THE VERTICAL PIPING FOR THE AUTOMATIC FLUSHING DEVICE, THE VERTICAL PIPING AND SURFACE COMPONENTS OF THE TEMPORARY BLOWOFF ASSEMBLY REPRESENTED IN DW31 SHALL BE INSTALLED ABOVE THE 2" BRASS FIP 90° BEND FOR A FLUSHING AND SAMPLING LOCATION DURING TESTING.

DW36 - AUTOMATIC FLUSHING DEVICE NOTES

SCALE: N.T.S.

DRAWING NO: _____		APPROVED: _____		APPROVED: 02/28/17		ADOPTEED: 02/28/17	
SHEET NO: 5 of 5		DATE: _____		APPROVED BY: _____		SCALE: N.T.S.	
				FIGURES: DW-33 THROUGH DW-36			
				EVANSVILLE WATER AND SEWER UTILITY 1831 Allens Lane - Evansville, IN 47720 (812) 421-2126			
				STANDARD WATER DETAILS			
				 			
							
				APPROVED: _____		DATE: _____	
				TITLE: _____			