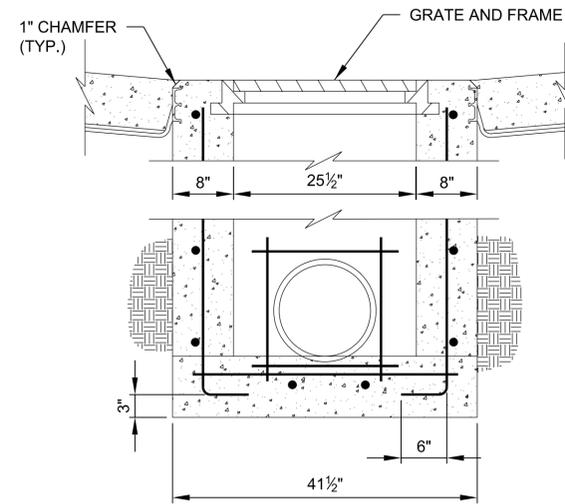


TYPE X AREA INLET PLAN

SCALE: NONE

CD.09 | CD.09



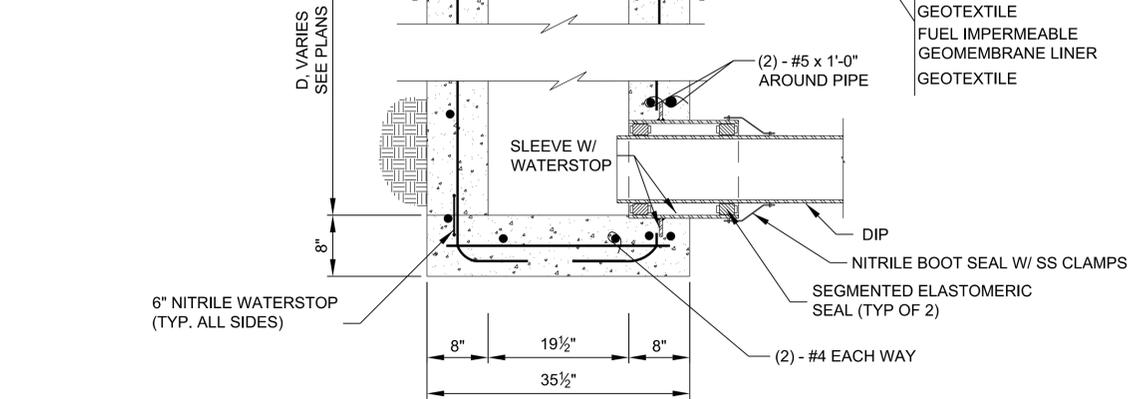
SECTION 2

SCALE: NONE

CD.09 | CD.09

WEEP DRAIN (2 EA, 1-1/2" DIA. HDPE WITH END CAP. BLANKET WITH GEOTEXTILE PRIOR TO PLACEMENT OF ROCK BALLAST

1/2" PERFERATIONS, 1" O.C.



SECTION 3

SCALE: NONE

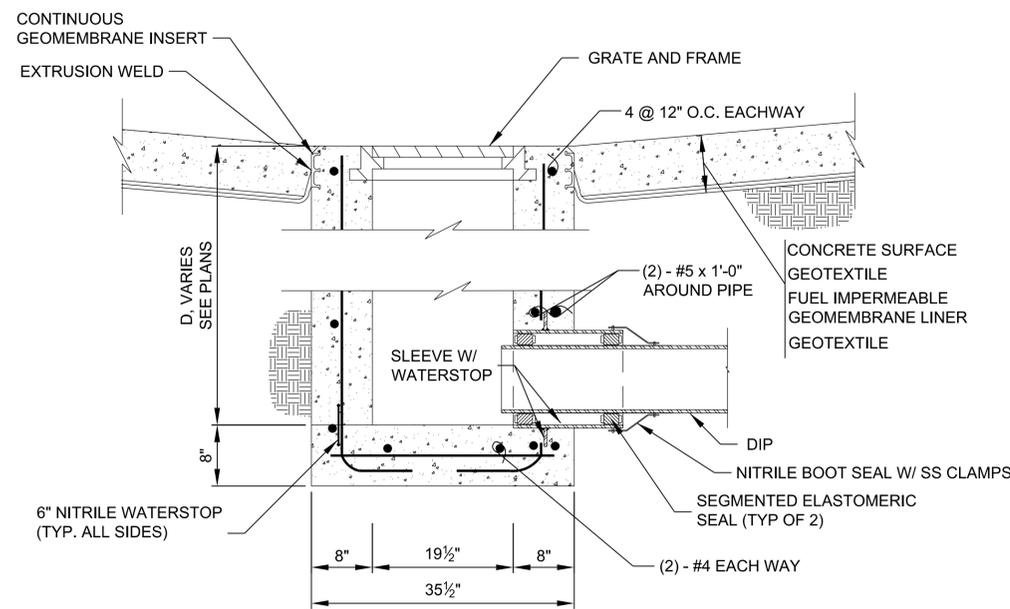
CD.09 | CD.09

DESIGNER NOTES:

1. A PIV OR GATE VALVE IS NOT ALLOWED FOR CONTAINMENT DRAINS.
2. DO NOT APPROVE PRECAST INLETS AS THE JOINTS AND CONNECTIONS ARE SUSCEPTIBLE TO LEAKS.
3. SELECT THE APPROPRIATE CROSS-SECTIONS FOR THE SELECTED LINER COVER MATERIAL.

INLET CONSTRUCTION GENERAL NOTES:

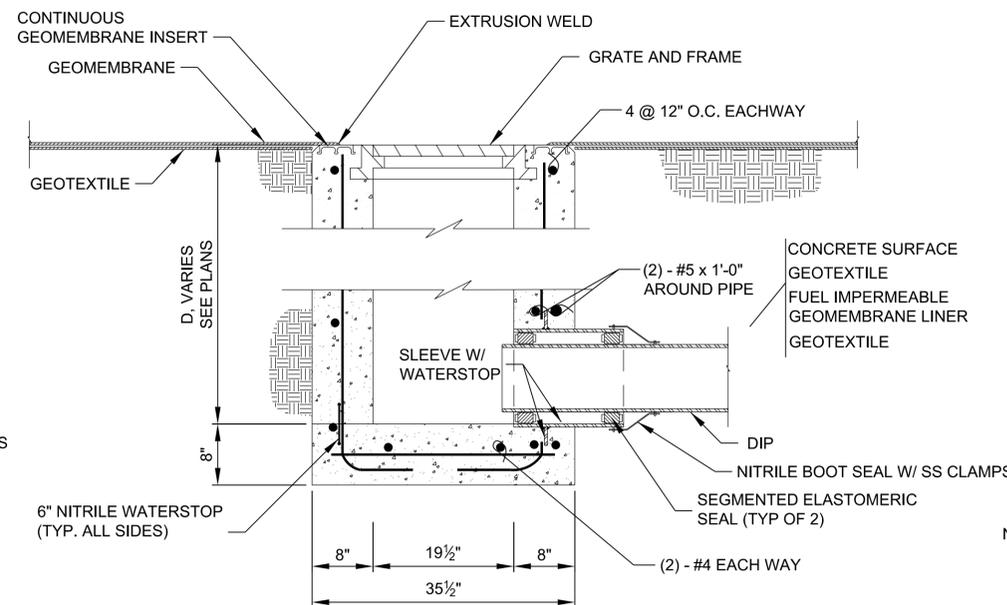
1. STANDARD CONSTRUCTION SHALL BE CAST IN PLACE REINFORCED CONCRETE. PRECAST CONSTRUCTION SHALL NOT BE ALLOWED.
2. REINFORCING STEEL FY = 60 KSI.
3. MINIMUM CLEAR COVER OF CONCRETE OVER REINFORCING STEEL SHALL BE 3 INCHES FOR CONCRETE PLACED AGAINST THE SOIL.
4. CAST IRON GRATE AND FRAME SHALL BE HEAVY-DUTY NEENAH R-1878-B3G OR LIGHT-DUTY NEENAH R-1879-B3G (WHERE NOT SUBJECT TO POSSIBLE WHEEL LOADS), OR APPROVED EQUAL.
5. MINIMUM 6" COMPACTED (95%) SUBGRADE REQUIRED UNDER INLETS.



SECTION 3

SCALE: NONE

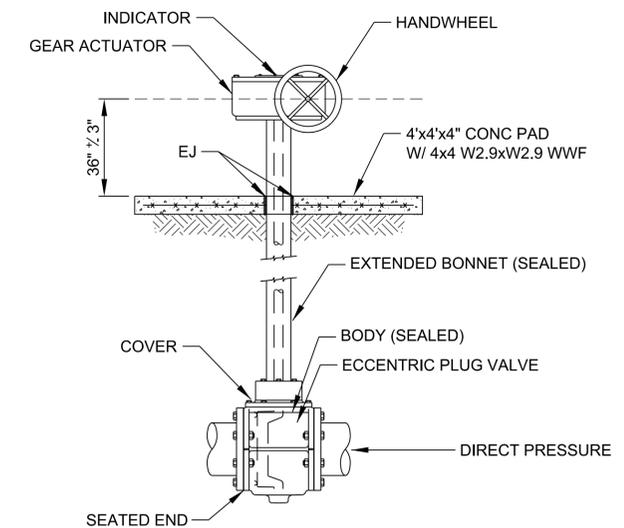
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SECTION 3

SCALE: NONE

CD.09 | CD.09



NOTE: 100% PORT ECCENTRIC PLUG VALVE SHALL CONFORM TO AWWA C517 AND BE RESISTANT TO HYDROCARBONS (NITRILE RUBBER SEALS). GEAR ACTUATOR BOX WITH HANDWHEEL SHALL BE LOCKABLE.

CONTAINMENT DRAIN VALVE DETAIL

SCALE: NONE

DATE	APPROVED
DESCRIPTION	FOR COMMANDER NAVFAC
DATE	ACTIVITY
DATE	SATISFACTORY TO
DATE	DES RLG
DATE	DRW RLG
DATE	CHK
DATE	ELB
DATE	SUBMITTED BY:
DATE	DATE: APRIL 2015
NAVAL FACILITIES ENGINEERING COMMAND - ATLANTIC DOD STANDARD DESIGN AW78-24-27 FUEL TANKS WITH FIXED ROOFS ABOVEGROUND VERTICAL STEEL CONTAINMENT DRAINAGE DETAILS	
SCALE: AS NOTED	PROJECT NO.: XXXXX
CONSTR. CONTR. NO.	XXXXX
NAVFAC DRAWING NO.	XXXXX
SHEET 19 OF 57	CD.09

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