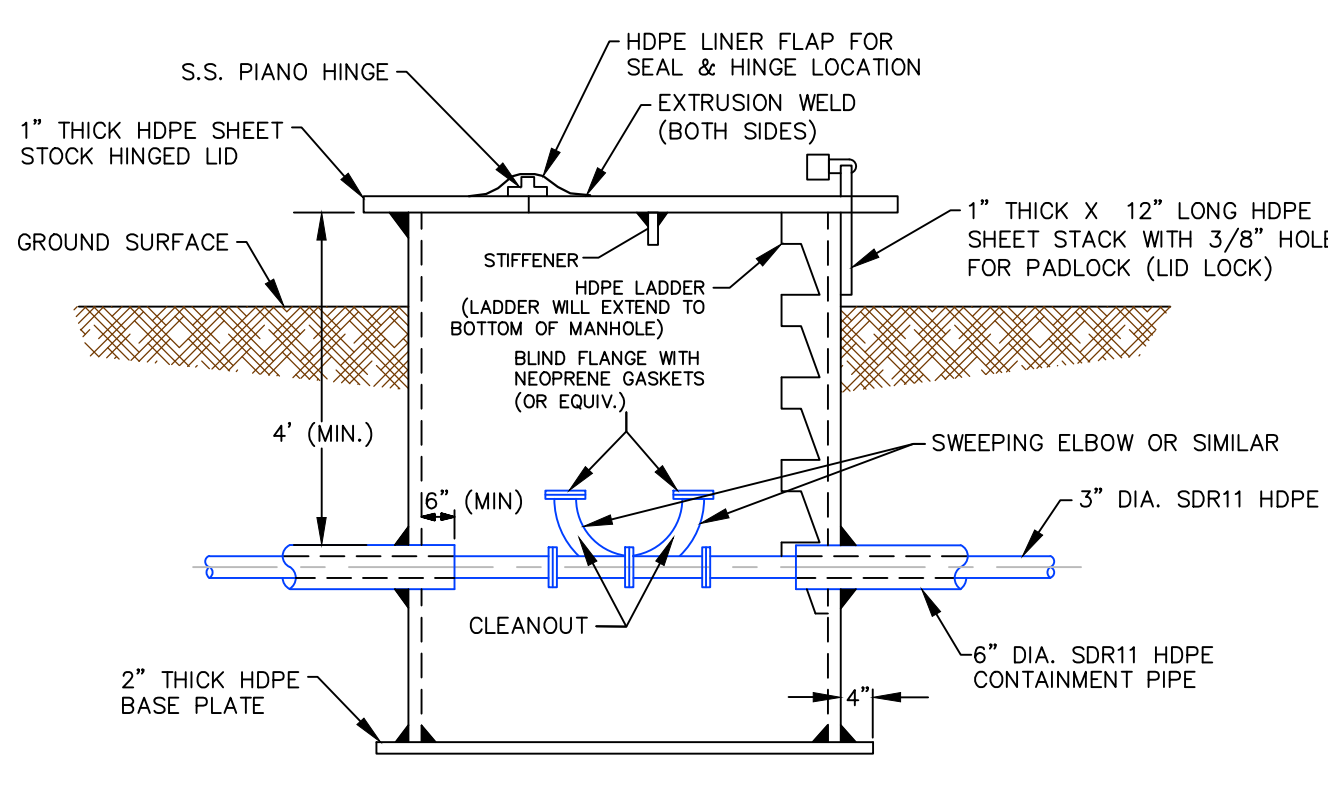


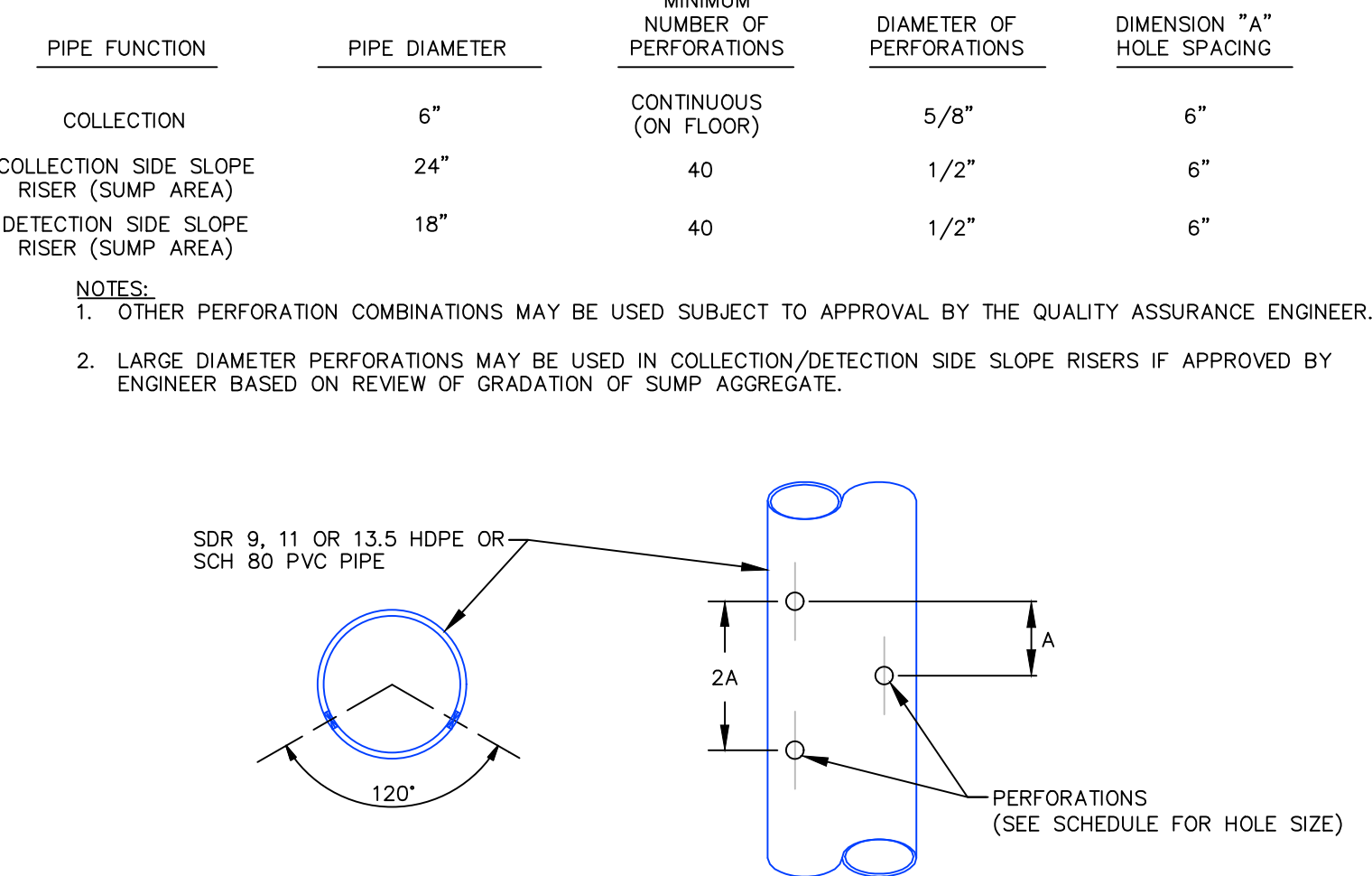
1 RISER VALVE VAULT DETAIL
NOT TO SCALE



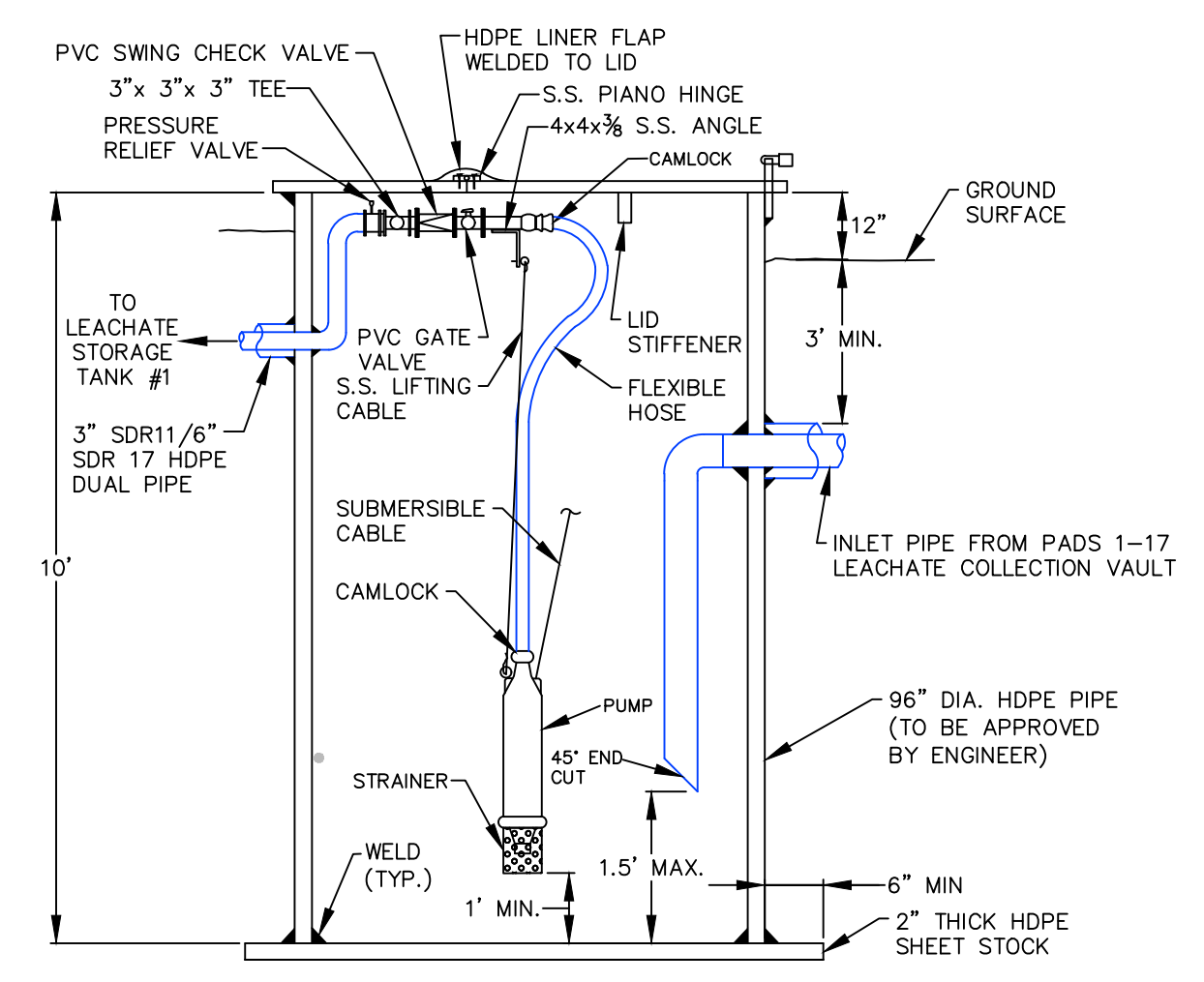
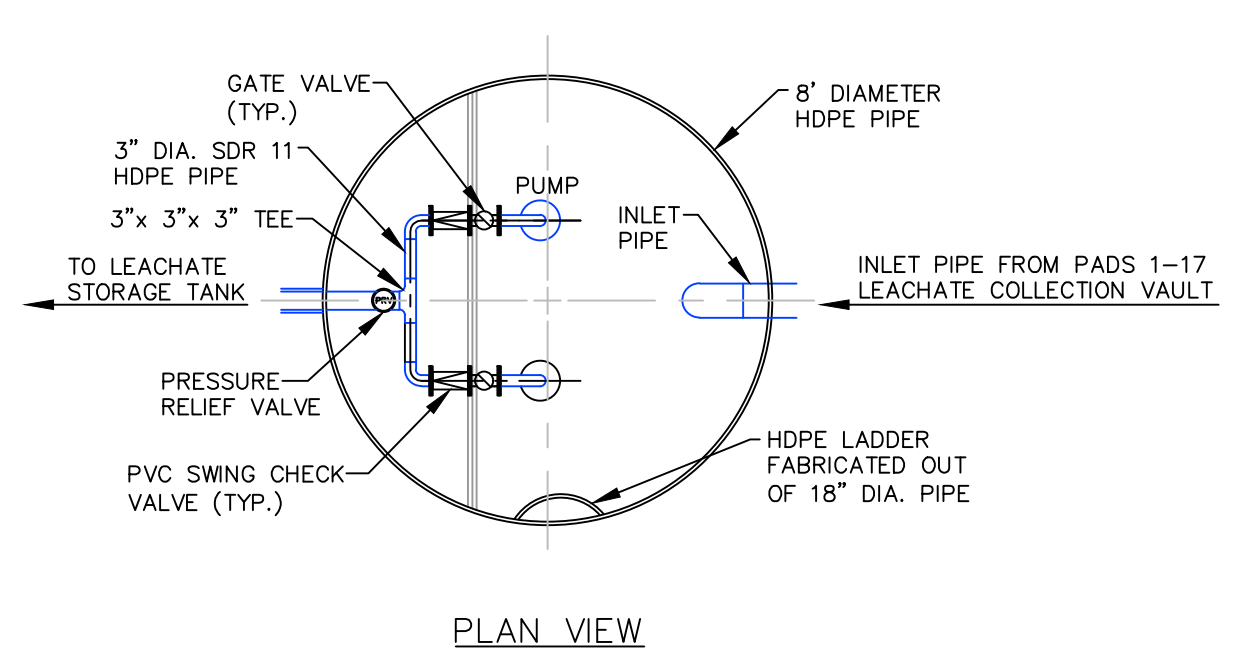
2 CLEANOUT MANHOLE
NOT TO SCALE

PIPING PERFORMANCE SCHEDULE

PIPE FUNCTION	PIPE DIAMETER	MINIMUM NUMBER OF PERFORATIONS	DIAMETER OF PERFORATIONS	DIMENSION "A" HOLE SPACING
COLLECTION	6"	CONTINUOUS (ON FLOOR)	5/8"	6"
COLLECTION SIDE SLOPE RISER (SUMP AREA)	24"	40	1/2"	6"
DETECTION SIDE SLOPE RISER (SUMP AREA)	18"	40	1/2"	6"

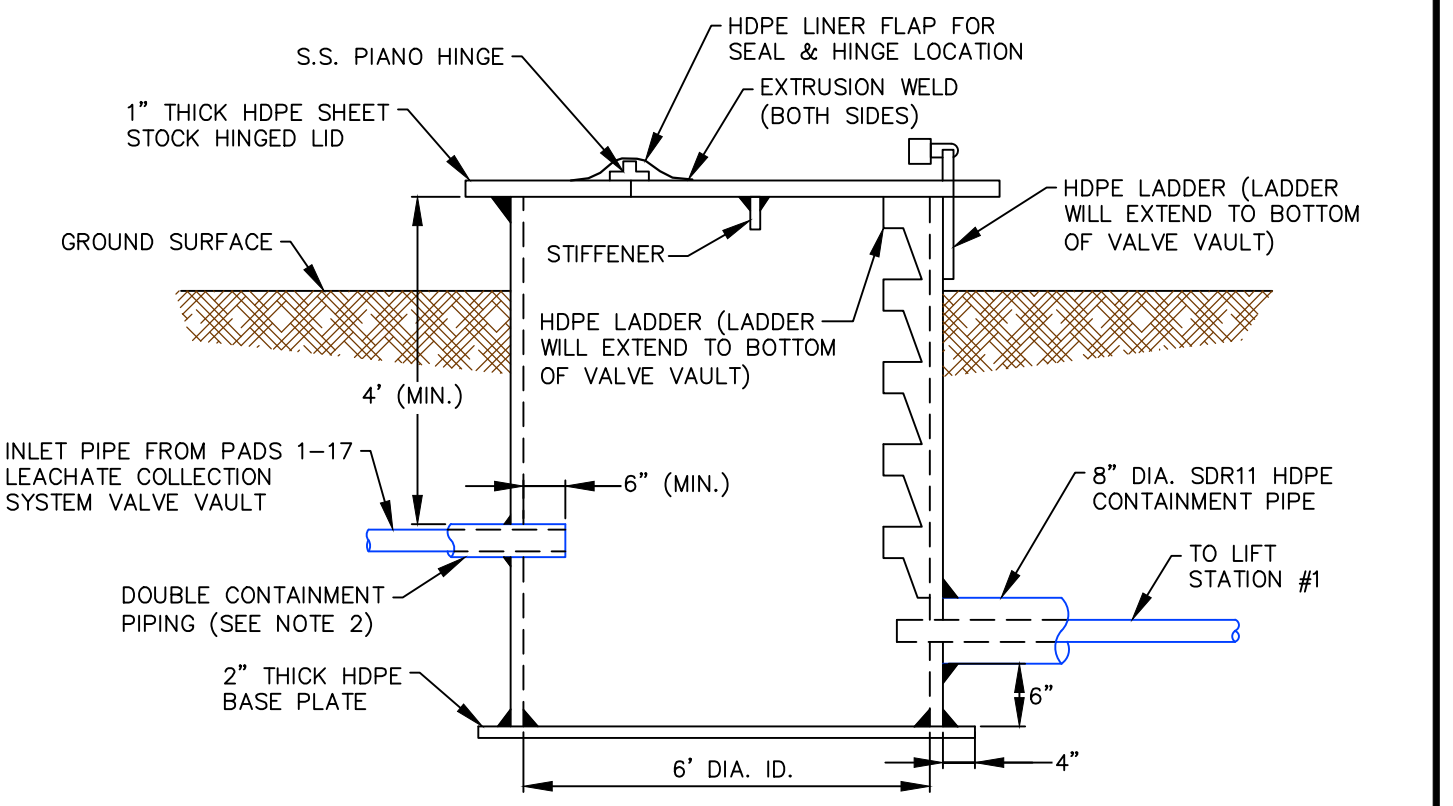
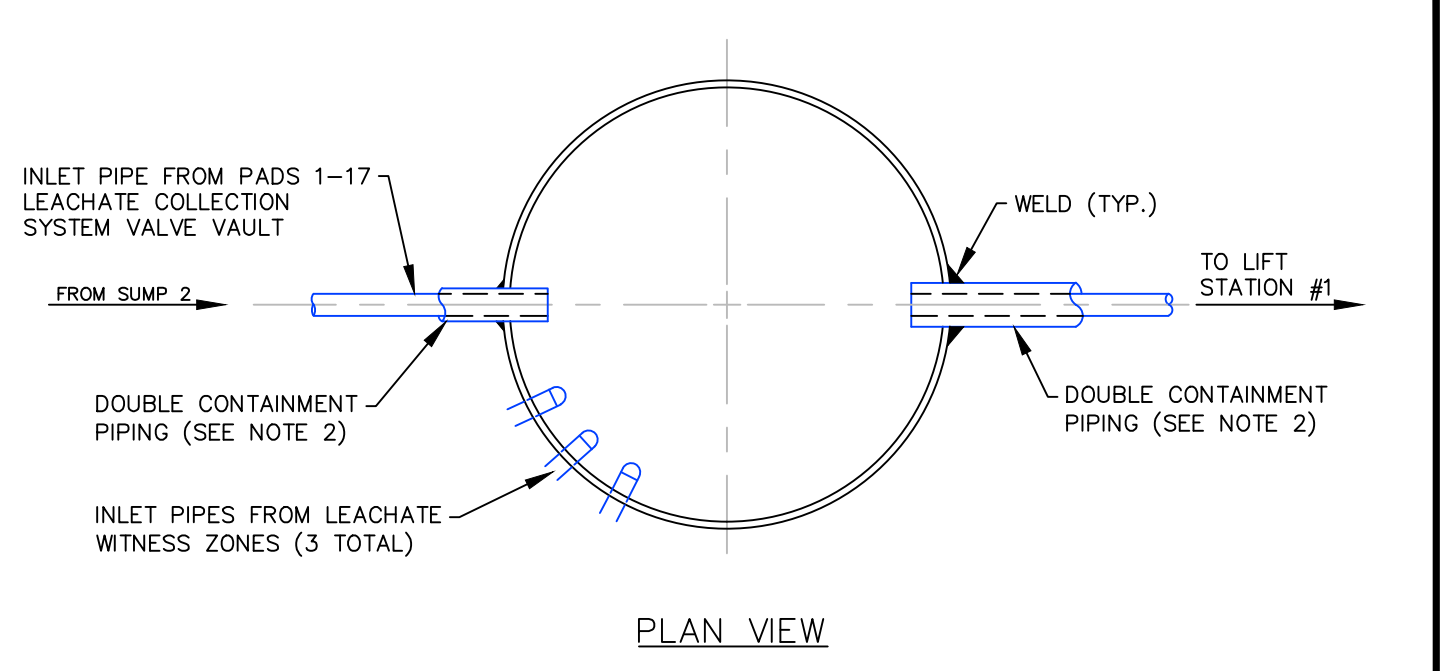


3 TYPICAL LEACHATE DETECTION/COLLECTION PERFORATED PIPE
NOT TO SCALE



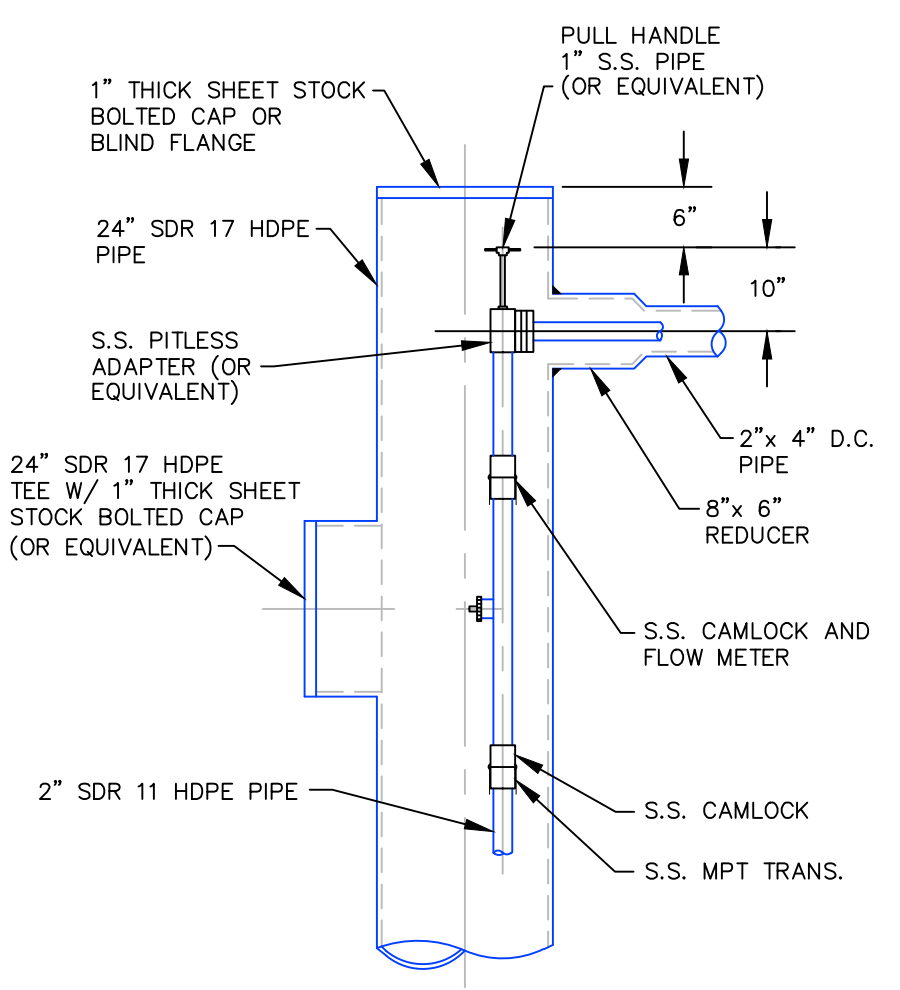
- NOTES:**
- PUMP SYSTEM WILL BE SET WITH AN ALARM IF LIQUID LEVEL REACHES 6' IN THE LIFT STATION. PUMPS WILL BE SET TO PUMP WHEN LIQUID LEVEL REACHES 4' AND WILL SHUT OFF WHEN LIQUID LEVEL REACHES 1' ABOVE PUMP INTAKE.
 - PUMP CAPACITIES AND PIPE DIAMETERS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION AND BASED ON LEACHATE FLOWS TO THE LEACHATE COLLECTION MANHOLE.
 - ALL ELEVATIONS FOR THE LEACHATE CONVEYANCE SYSTEM WILL BE DETERMINED AT THE TIME OF CONSTRUCTION AND BASED ON ENCOUNTERED FIELD CONDITIONS.

4 LIFT STATION #1
NOT TO SCALE

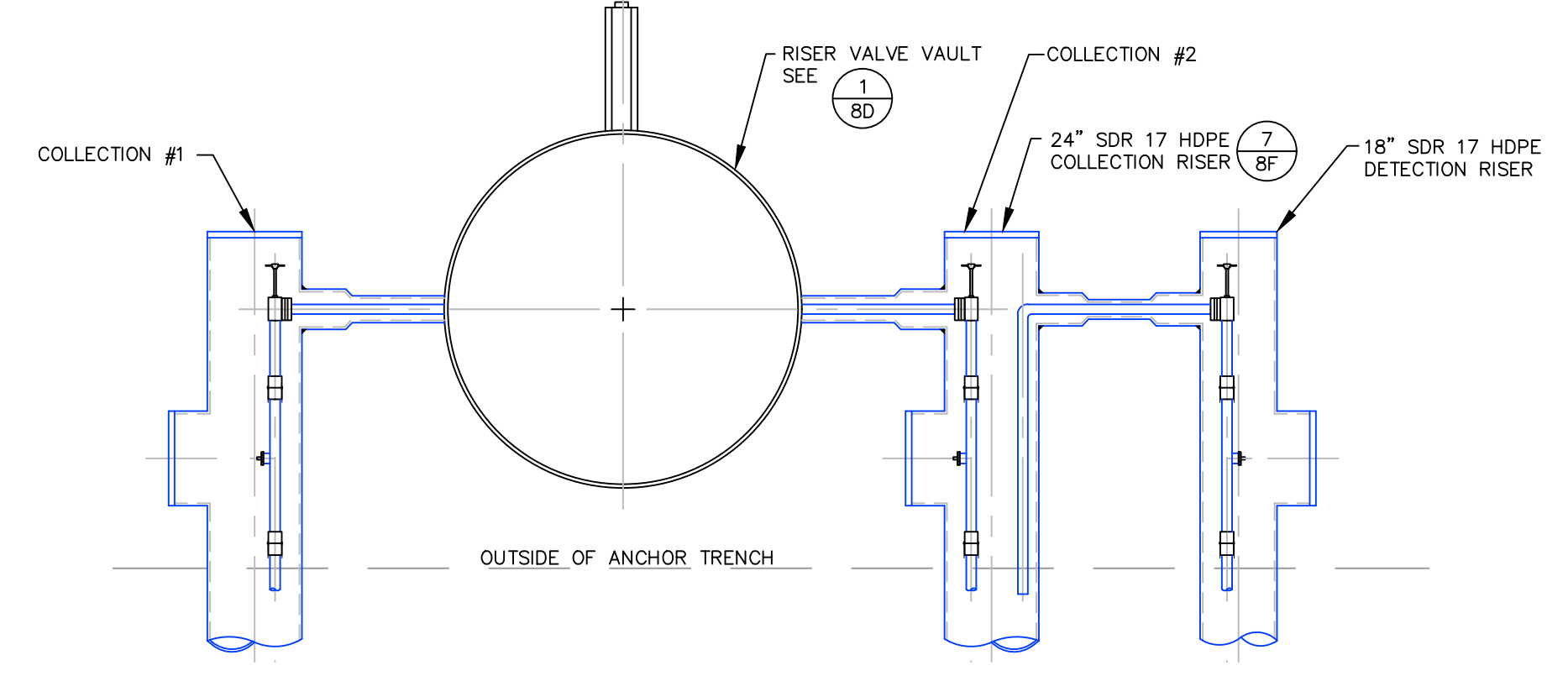


- NOTES:**
- PIPE SIZES MAY VARY FROM SIZES SHOWN DEPENDING ON SYSTEM FLOW REQUIREMENTS.
 - PIPE DIAMETERS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION AND BASED ON LEACHATE FLOWS TO THE VALVE VAULT.
 - ALL ELEVATIONS FOR THE LEACHATE CONVEYANCE SYSTEM WILL BE DETERMINED AT THE TIME OF CONSTRUCTION AND BASED ON ENCOUNTERED FIELD CONDITIONS.

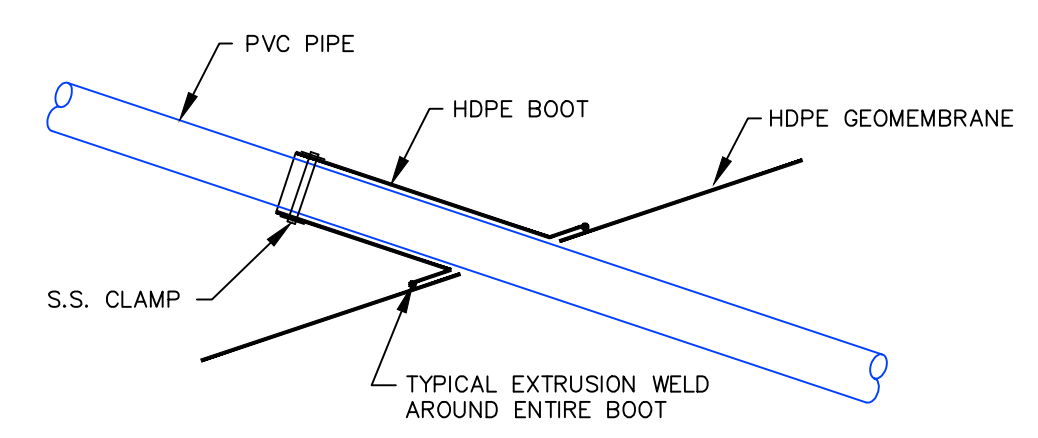
5 LEACHATE COLLECTION MANHOLE
NOT TO SCALE



6 SLOPE RISER DETAIL
NOT TO SCALE



7 SUMP RISERS AT BERM DETAIL
NOT TO SCALE



8 TYPICAL PIPE/GEOMEMBRANE BOOT DETAIL
NOT TO SCALE

SHEET NOTE:

- DETAILS INDICATED HEREON ARE CONCEPTUAL FOR PERMITTING PURPOSES. ADJUSTMENTS AND CHANGES MAY OCCUR AT THE TIME OF CONSTRUCTION UPON REVIEW AND APPROVAL BY THE DESIGN ENGINEER OR CERTIFYING ENGINEER. CHANGES MAY NOT BE MADE WHICH WOULD ADVERSELY IMPACT THE DESIGN OR CONFLICT WITH APPLICABLE REGULATIONS.

	REVISIONS	
	DATE:	09/25/17
	DRAWN BY:	SWH
	CHECKED:	KCC
	BAI DRAWING NO.:	DCSWA-107D017F
State College Office	Delaware Valley Office	SHEET NO. 8F OF 11

