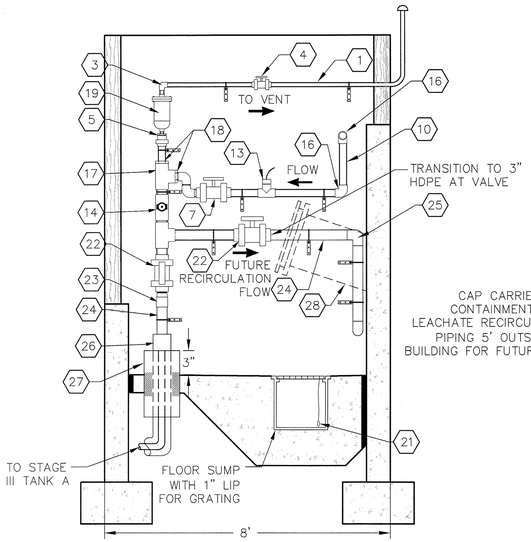
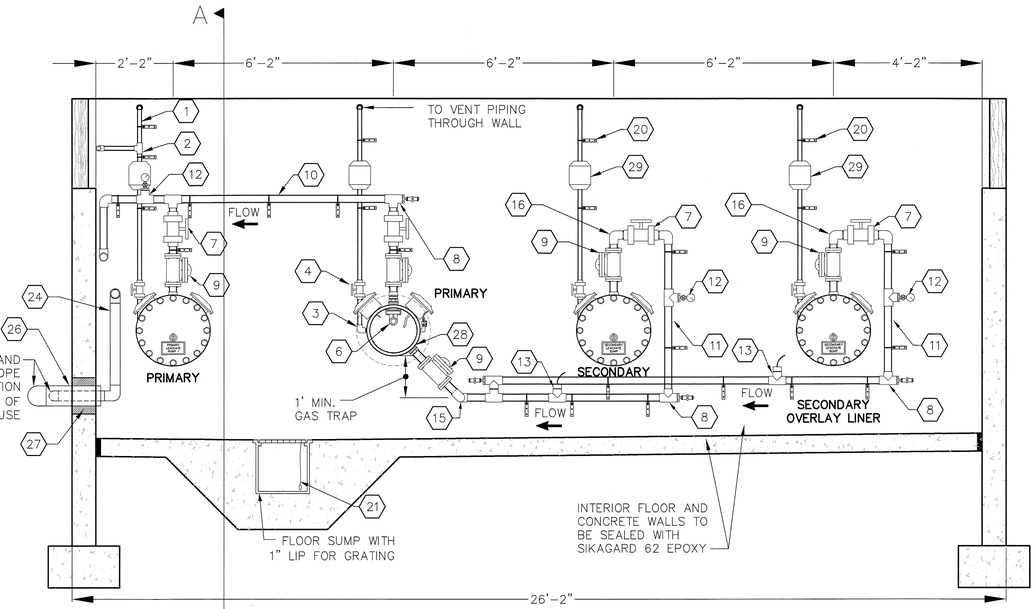


Side Wall Elevation A



Back Wall Elevation

NOTE:
1. SEE DETAIL 39/C17 FOR TYPICAL BULKHEAD PIPING DETAIL.

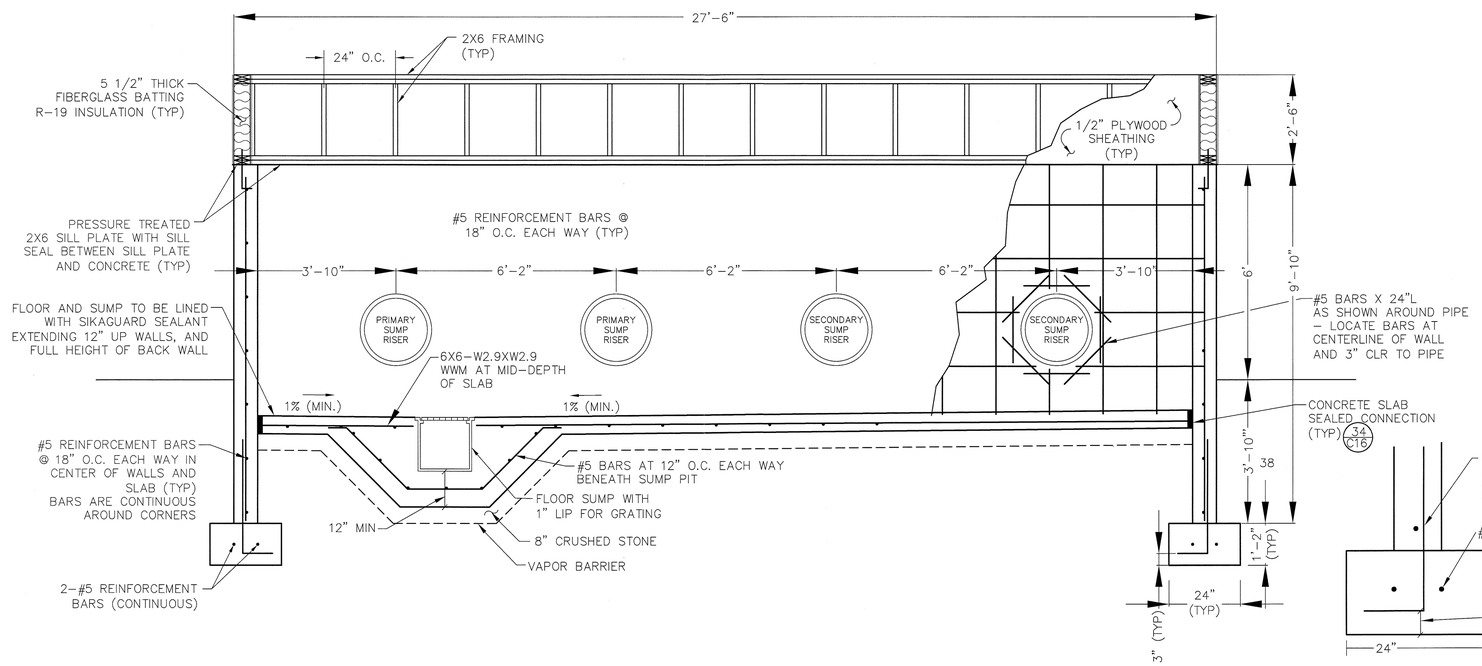
Leachate Pump Station I - Piping Schedule

Not to Scale

PIPING SCHEDULE

1	1" SCH 80 PVC VENT PIPING	20	STAINLESS STEEL PIPE SUPPORT
2	1" SCH 80 PVC TEE	21	LEAK DETECTION SENSOR FLOAT
3	1" SCH 80 PVC 90° ELBOW	22	3" SCH 80 PVC TRUE UNION BALL VALVE
4	1" SCH 80 TRUE UNION BALL VALVE	23	3" PVC TO HDPE TRANSITION FITTING
5	1"x2" SCH 80 PVC REDUCER BUSHING	24	3" HDPE SDR-11 PIPING
6	STAINLESS STEEL PIT ADAPTER	25	3" HDPE SDR-11 90° ELBOW
7	2" SCH 80 PVC TRUE UNION BALL VALVE	26	6" HDPE SDR-17 CONTAINMENT PIPING
8	2" SCH 80 PVC TEE	27	10" HDPE SLEEVE THROUGH SLAB (38/C17)
9	2" SCH 80 PVC SWING CHECK VALVE	28	24" LEACHATE SIDE RISER PIPE BULKHEAD
10	2" SCH 80 PVC PRIMARY LEACHATE PIPING	29	FLAME ARRESTOR
11	2" SCH 80 PVC SECONDARY LEACHATE PIPING		
12	2" SCH 80 PVC 80 PSI PRESSURE GAUGE		
13	2" PADDLE WHEEL FLOW METER		
14	DRY MATE CAMLOCK QUICK CONNECT		
15	2" SCH 80 PVC 45° ELBOW		
16	2" SCH 80 PVC 90° ELBOW		
17	3" SCH 80 PVC PVC TEE		
18	2"x3" SCH 80 PVC REDUCER BUSHING		
19	VACUUM RELIEF / AIR RELEASE VALVE		

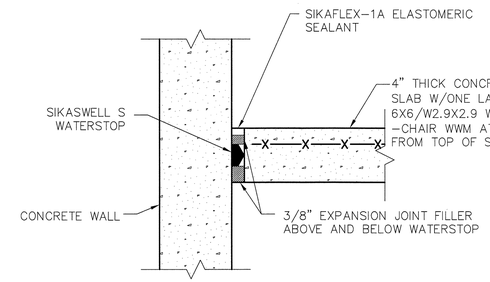
NOTE: CONTRACTOR TO LABEL ALL PIPING IN ACCORDANCE WITH LABEL SCHEDULE IN SECTION 13110



Pump Station Back Wall Plan (Typ)

Not to Scale

35

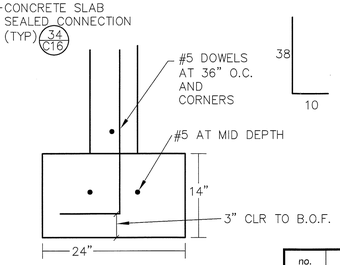


SIKASWELL S AND SIKAFLEX-1A MANUFACTURED BY SIKA CORPORATION OF MARION, OHIO.

Building Slab / Wall Connection

Not to Scale

34



no.	comment	date	by

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Bethlehem, NH

project:
Stage IV Phase II
Type IB Permit Application

title:
Leachate Pump Station I
Details

Scale As Shown

STATE OF NEW HAMPSHIRE
HOSSEIN SALEHKHOU
No. 6758
LICENSED
PROFESSIONAL ENGINEER
FEB. 2009

designed by:	date:
JSM/RJG	February 2009
drawn by:	project no:
APV/MAM/DAA	656.05
approved by:	sheet no:
RJG/WAS	C-16