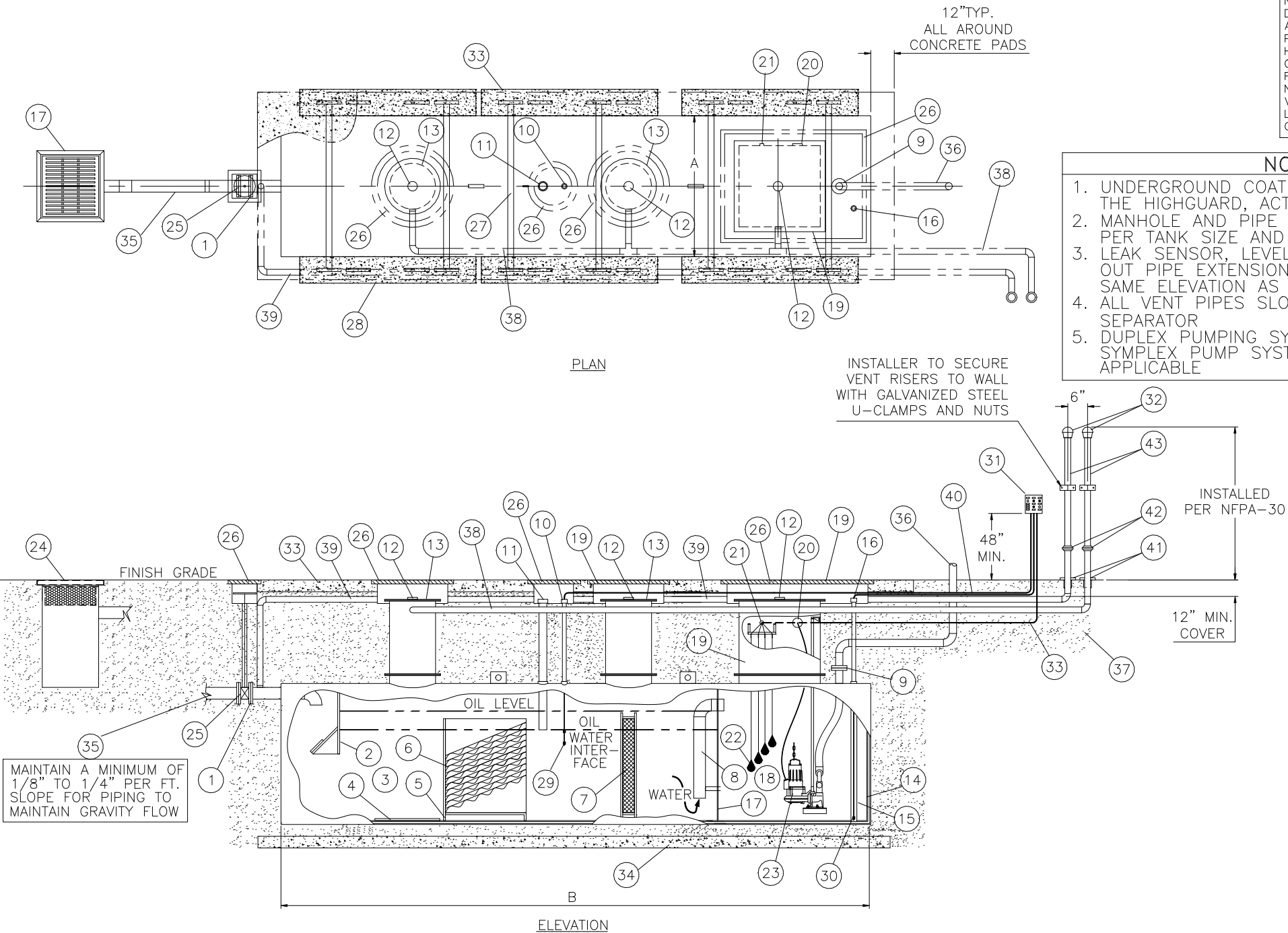


HIGHLAND TANK STANDARD EQUIPMENT	
1	FLANGED INLET
2	UNDERFLOW BAFFLE
3	SEDIMENT CHAMBER
4	STRIKER PLATE
5	SLUDGE BAFFLE
6	CORELLA™ PARALLEL CORRUGATED PLATE COALESCER
7	PETROSCREEN COALESCER (HTC MODEL ONLY)
8	WATER TRANSFER PIPING
9	FLANGED EFFLUENT PUMPOUT
10	2" INTERFACE LEVEL SENSOR FITTING WITH EXTENSION PIPE
11	4" OIL PUMPOUT FITTING WITH INTERNAL PIPE EXTENSION PIPE
12	GAUGE PORT
13	24" FLANGED MANWAY AND COVER WITH BOLT ON EXTENSION
14	TANK INTERSTICE
15	INTERNAL LEAK DETECTION MONITOR PIPE
16	2" LEAK DETECTION SENSOR FITTING WITH EXTENSION PIPE
17	BULKHEAD
18	WATER EFFLUENT CHAMBER
19	RECTANGULAR PUMP MANHOLE
20	4" PUMP WIRING FITTING
21	2" LEVEL SENSOR WIRING FITTING
22	ENM-10 TILT SWITCH WATER SENSORS
23	DUPLEX SUBMERSIBLE PUMP SYSTEM & PIPING
HIGHLAND TANK OPTIONAL EQUIPMENT	
24	HIGHLAND CB SERIES SOLIDS CATCH BASIN
25	INLET VALVE
26	HIGHLAND GLM SERIES GRADE MANWAY WITH COVER
27	HOLD DOWN STRAPS
28	HIGHLAND CDA SERIES CONCRETE DEADMAN HOLD DOWN ANCHORS
29	HIGHLAND HTF/HTSF SERIES OIL INTERFACE LEVEL SENSOR
30	LEAK DETECTION SENSOR
31	ALARM CONTROL PANEL
32	MUSHROOM VENTS
INSTALLER PROVIDED EQUIPMENT	
33	CONCRETE GRADE PAD
34	CONCRETE HOLD DOWN PAD
35	INLET PIPING
36	EFFLUENT PUMPOUT PIPING
37	BACKFILL AS REQUIRED
38	MANWAY VENT PIPING
39	INLET VENT PIPING
40	CONDUIT AND WIRING TO PANEL
41	EPOXY COATED STEEL RISER CLAMPS
42	GALVANIZED UNIONS
43	GALVANIZED STEEL VENT PIPES ABOVEGRADE




NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION OF FITTINGS, ACCESSORIES, AND COATINGS SHOWN ON THIS DRAWING.

NOTES

1. UNDERGROUND COATING SYSTEM OPTIONS ARE THE HIGHGUARD, ACT-100-U, AND S.T.I.P. 3
2. MANHOLE AND PIPE EXTENSION LENGTHS VARY PER TANK SIZE AND DEPTH
3. LEAK SENSOR, LEVEL SENSOR AND OIL PUMP-OUT PIPE EXTENSIONS ARE TO EXTEND TO THE SAME ELEVATION AS THE MANWAY EXTENSION
4. ALL VENT PIPES SLOPED TO DRAIN BACK TO SEPARATOR
5. DUPLEX PUMPING SYSTEMS ARE RECOMMENDED. SYMPLEX PUMP SYSTEMS AVAILABLE WHERE APPLICABLE

OWS DIMENSION LEGEND			
TANK SIZE	(A) DIA.	(B) LENGTH.	
1000	48"	14'-3"	
1500	48"	19'-6"	
2000	64	15'-6"	
3000	64"	21'-6"	
4000	64	28'-8"	
5000	72"	28'-8"	
6000	72"	33'-6"	
7000	84"	28'-8"	
8000	84"	33'-6"	
9000	96"	28'-8"	

OWS DIMENSION LEGEND			
TANK SIZE	(A) DIA.	(B) LENGTH.	
10000	96"	32'-0"	
12000	96"	38'-9"	
15000	120"	32'-8"	
20000	126"	38'-9"	
25000	126"	46'-6"	
30000	126"	56'-6"	
40000	144"	56'-9"	
50000	144"	69'-0"	
60000	156"	70'-0"	

		<h1>Highland Tank</h1>	
UNLESS NOTED, TOLERANCES ARE +/- 1"			
TYPICAL DOUBLE WALL J SERIES OIL WATER SEPARATOR INSTALLATION 1,000 GALLON THRU 60,000 GALLON			
CUSTOMER:			
PROJECT:			
QUOTE NO:		CHK'D BY:	
SCALE: NTS	DATE:	DWG. BY:	DWG. NO: 1K-60KJOWSDWUGINST