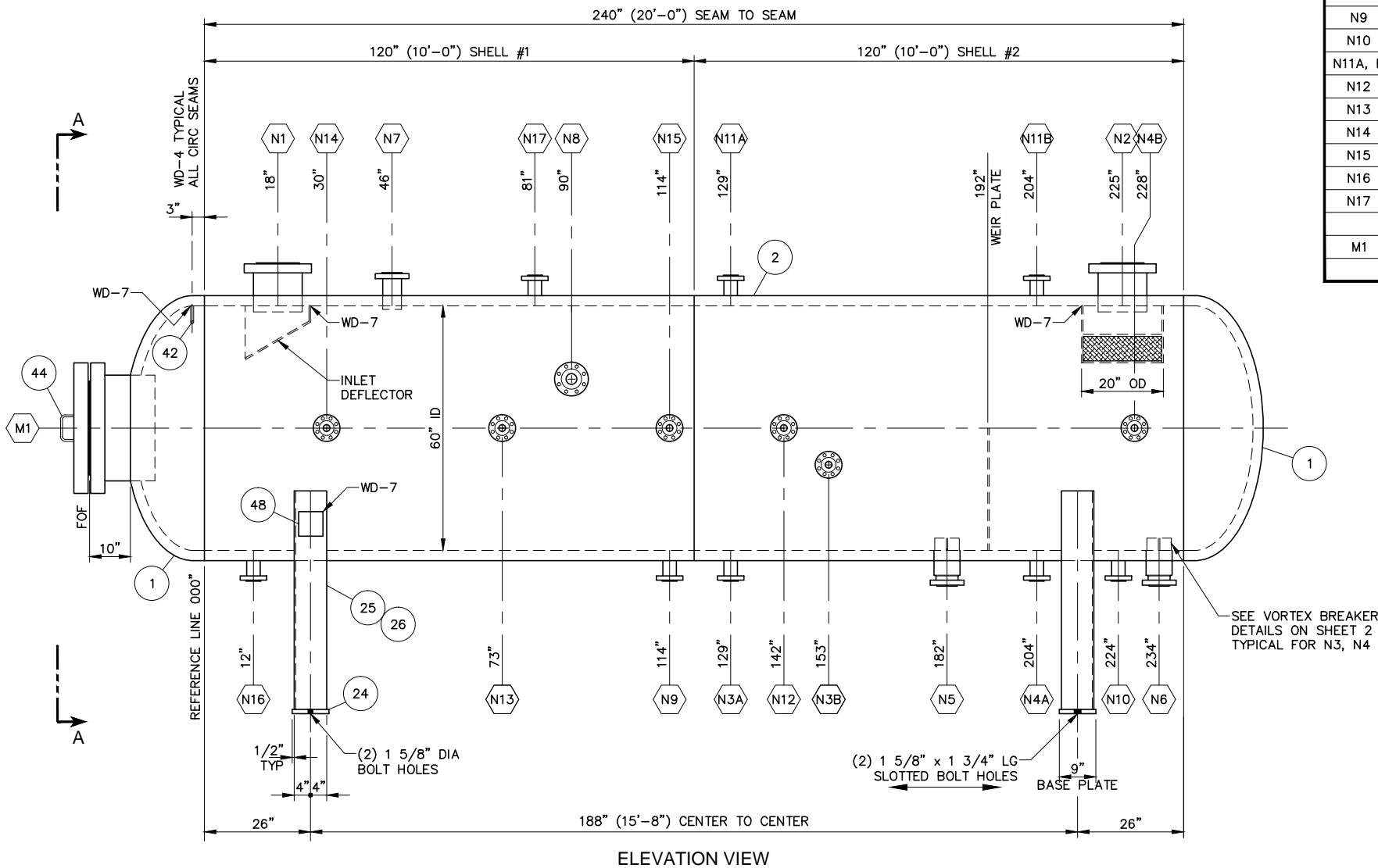


CONNECTION SCHEDULE												
MARK	QTY	SIZE	SCH	CLASS & TYPE	SERVICE	MINIMUM PROJECTION		WELD SIZE			WELD DETAIL	BOM ITEM NO.
						INSIDE	OUTSIDE	A	B	C		
N1	1	8"	2.16"	600 RF HB	INLET	1 1/8"	8"	3/8"	-	-	3	11
N2	1	8"	2.16"	600 RF HB	GAS OUTLET	1 1/8"	8"	3/8"	-	-	3	12
N3A	1	2"	.66"	600 RF LWV	WATER BRIDLE	-	5"	3/8"	-	-	2	10
N3B	1	2"	.66"	600 RF LWV	WATER BRIDLE	-	AS SHOWN	3/8"	-	-	2	9
N4A, N4B	1	2"	.66"	600 RF LWV	OIL BRIDLE	-	5"	3/8"	-	-	2	6
N5	1	3"	1.74"	600 RF V1	WATER OUT	-	6 1/4"	3/8"	-	-	1	6
N6	1	3"	1.74"	600 RF V1	OIL OUT	-	6 1/4"	3/8"	-	-	1	6
N7	1	3"	1.24"	600 RF HB	PSV	1/2"	5 5/8"	3/8"	-	-	5	7
N8	1	3"	1.24"	600 RF HB	HLSD	1/2"	AS SHOWN	3/8"	-	-	5	7
N9	1	2"	.66"	600 RF LWV	DRAIN	-	5"	3/8"	-	-	2	6
N10	1	2"	.66"	600 RF LWV	DRAIN	-	5"	3/8"	-	-	2	6
N11A, B	1	2"	.66"	600 RF LWV	BRIDLE VENT	-	5"	3/8"	-	-	2	6
N12	1	2"	.66"	600 RF LWV	PI	-	5"	3/8"	-	-	2	6
N13	1	2"	.66"	600 RF LWV	TI	-	5"	3/8"	-	-	2	6
N14	1	2"	.66"	600 RF LWV	FUTURE BRIDLE	-	5"	3/8"	-	-	2	6
N15	1	2"	.66"	600 RF LWV	FUTURE BRIDLE	-	5"	3/8"	-	-	2	6
N16	1	2"	.66"	600 RF LWV	FLUSH BACK	-	5"	3/8"	-	-	2	6
N17	1	2"	.66"	600 RF LWV	BRIDLE VENT	-	5"	3/8"	-	-	2	6
M1	1	20"	2.97"	600 RF HB	MANWAY	3.42"	AS SHOWN	3/8"	-	-	5	13, 14, 15, 16



(1) UNIT REQUIRED
 JOB NO:
 PE-13482

APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____

DESIGN NOTES
 DESIGN & FABRICATE TO: ASME SECTION VIII, DIVISION 1, 2013 EDITION
 MAXIMUM ALLOWABLE WORKING PRESSURE (MAWP): 1440 PSIG
 DESIGN TEMPERATURE: 130° F
 MINIMUM DESIGN METAL TEMPERATURE (MDMT): -20° F AT 1440 PSIG

- GENERAL NOTES**
- QUALITY CONTROL PROGRAM NUMBER: AQP-1046(S)
 - WELDING PROCEDURE REGISTRATION NUMBER: WP-418.2
 - CAPACITY: 432 FT³
 - SERVICE: HYDROCARBONS
 - EXPOSED INSIDE OR OUTSIDE EDGES OF NOZZLES OR OPENINGS SHALL HAVE AN 1/8" MINIMUM RADIUS.
 - SURFACE PREPARATION: HAND TOOL CLEAN (MINIMUM)
 - PRIME AND PAINT: AS PER CLIENT SPECIFICATIONS
 - ALL BOLT HOLES TO STRADDLE CENTERLINES.
 - CLEAN AND COVER ALL OPENINGS FOR SHIPMENT.
 - USE WELDING PROCEDURE PEN-30 REV 0 FOR ALL TACK WELDS.
 - CRN DRAWINGS: PE-13482BB-1 REV 1, PE-13482BB-2 REV 1
 - CRN CALCULATIONS: PE-13482BB-R1

IMPACT TESTS: MATERIAL MARKED WITH AN ASTERISK (*) SHALL BE IMPACT TESTED PER UG-84d AT -20° F. THE AVERAGE IMPACT ENERGY SHALL BE 16 FT-LBS (10.7 FT-LBS MIN).
 VESSEL (PRODUCTION) IMPACT TESTS OF CATEGORY A AND B WELDS IN THIS MATERIAL ARE REQUIRED PER UG-84f AT -20° F. THE AVERAGE IMPACT ENERGY SHALL BE 16 FT-LBS (10.7 FT-LBS MIN). ALL OTHER MATERIALS ARE EXEMPT PER UG-20f 1-5, FLANGES PER UCS-66c, STUDS PER FIG UCS-66, NOTE C

RADIOGRAPHY: FULL PER UW-11a (RT-1)
 PWHT PER UCS-56: YES, 1125° F ±25° F FOR 128 MINUTES
 HYDROSTATIC TEST PRESSURE: 1872 PSIG
 CORROSION ALLOWANCE: 1/8"
 WEIGHT EMPTY: xxx LBS
 WEIGHT FULL OF WATER: xxx LBS

STANDARD TOLERANCES	
FABRICATION:	
GENERAL DEVIATION:	± 1/8"
OVERALL LENGTH:	± 1/4"
ANGULAR:	± 1°
WELD PREPARATION:	
LAND:	± 1/32"
ROOT GAP:	± 1/32"
ANGULAR:	± 3°

0	14-10-01	ISSUED FOR APPROVAL	TT	MB	
REV	DATE	REVISION	BY	APP	
PENFABCO LTD.					
5715 - 56 AVENUE NW, EDMONTON, AB T6B 3G3 TELEPHONE: (780) 434-0222 FAX: (780) 436-1467					
CLIENT:	PRO-FIND EQUIPMENT INC.				
DATE:	14-09-30	HORIZONTAL SEPARATOR			
JOB NO:	4604	60" ID x 20'-0" S/S			
DRAWN BY:	TT	1440 PSIG AT -20° F / 130° F			
CHECKED BY:	PJD...	DWG NO:	SHEET 1 OF 2		REV
APP BY:	MB	PE-13482			0