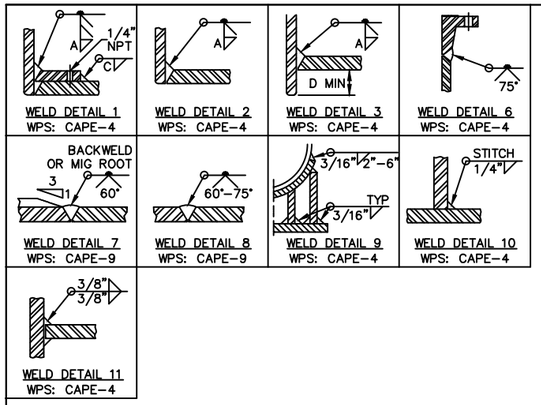


CONNECTION SCHEDULE

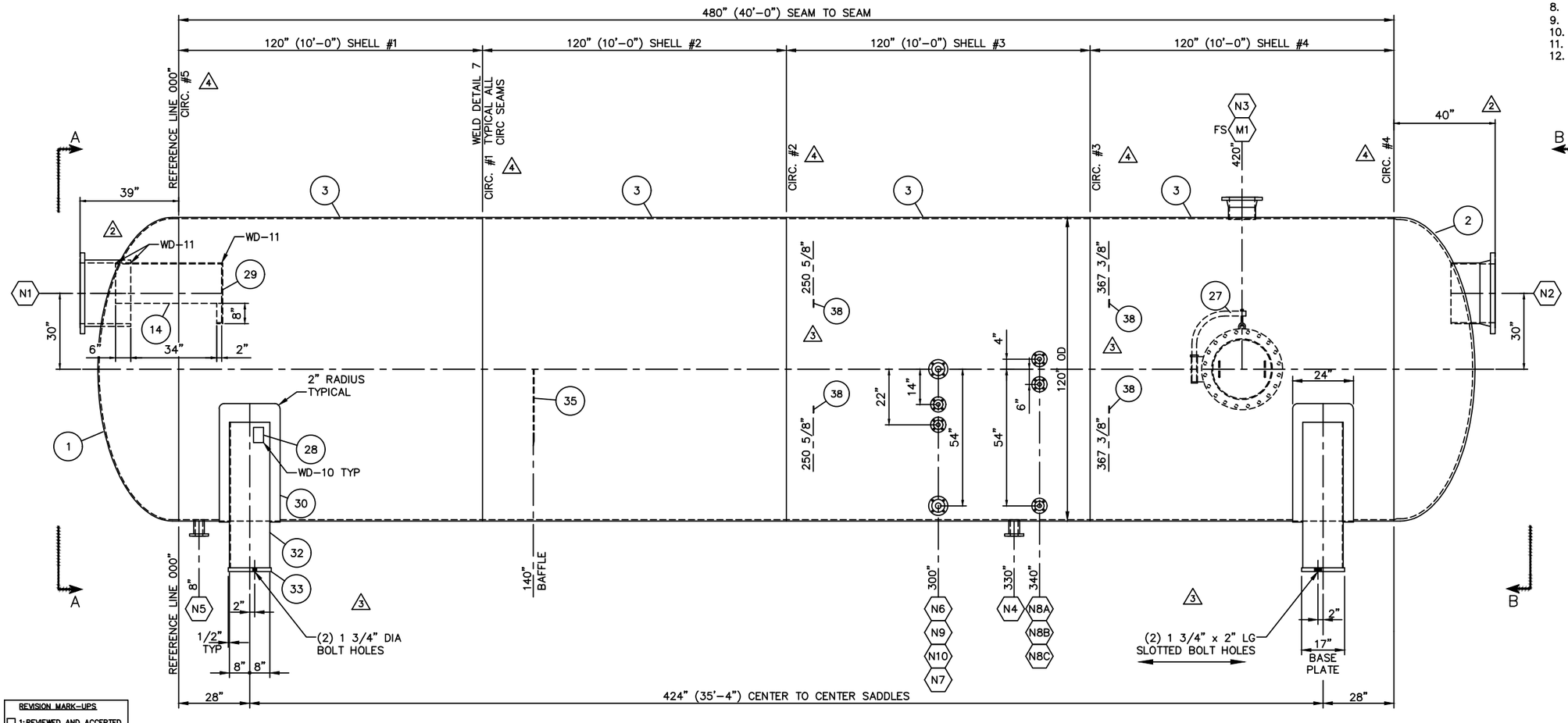
	MARK	SIZE	SCH	CLASS	TYPE	SERVICE	WELD	A	B	C	D	ITEM NO'S	OUTSIDE PROJ.
2	N1	24"	1.12"	150	RF LWN	INLET	3	3/8"	–	–	0"	7	SHOWN
2	N2	24"	STD	150	RFWN	GAS OUTLET	3, 6	3/8"	–	–	0"	8, 17	SHOWN
2	N3	10"	STD	150	RFWN	PSV	3, 6	3/8"	–	–	0"	9, 19	8"
	N4	3"	.62"	150	RF LWN	LIQUID OUT	2	3/8"	–	–	G.F.	10	6"
	N5	3"	.62"	150	RF LWN	DRAIN	2	3/8"	–	–	G.F.	10	6"
	N6	3"	.62"	150	RF LWN	LSHH	2	3/8"	–	–	–	10	6"
	N7	3"	.62"	150	RFL WN	LSLL	2	3/8"	–	–	–	6	10"
	N8A	2"	XXH	150	RFWN	BRIDLE / LG	2, 6	3/8"	–	–	–	11, 20	5"
	N8B	2"	XXH	150	RFWN	BRIDLE / LG	2, 6	3/8"	–	–	–	11, 22	5"
	N8C	2"	XXH	150	RFWN	BRIDLE / LG	2, 6	3/8"	–	–	–	11, 24	9"
	N9	2"	XXH	150	RFWN	PI	2, 6	3/8"	–	–	–	11, 21	5"
	N10	2"	XXH	150	RFWN	TI	2, 6	3/8"	–	–	–	11, 23	5"
2	M1	24"	STD	150	RFWN	MANWAY	3, 6	3/8"	–	–	0"	8, 12, 18	10"

DESIGN NOTES

DESIGN & FABRICATE TO: ASME SECTION VIII, DIVISION 1, 2015 EDITION
MAXIMUM ALLOWABLE WORKING PRESSURE (MAWP): 75 PSIG
DESIGN TEMPERATURE: 100° F
MINIMUM DESIGN METAL TEMPERATURE (MDMT): –20° F AT 75 PSIG
IMPACT TESTS: EXEMPT PER UG–20f 1–5, UCS–66a,
FLANGES PER UCS–66c,
STUDS PER FIG UCS–66 NOTE C
RADIOGRAPHY– VESSEL: LONG SEAMS – FULL PER UW–11a
CIRC SEAMS – SPOT PER UW11a5b (RT–2)
PWHT PER UCS–56: NO
HYDROSTATIC TEST PRESSURE: 113 PSIG 3
CORROSION ALLOWANCE – VESSEL: 1/16"
WEIGHT EMPTY: 41,800 LBS
WEIGHT FULL OF WATER: 255,800 LBS

GENERAL NOTES

1. CAPACITY: 3,371 FT3
2. SERVICE: HYDROCARBONS
3. EXPOSED INSIDE OR OUTSIDE EDGES OF NOZZLES OR OPENINGS SHALL BE ROUNDED PER UG–76c.
4. SURFACE PREPARATION: HAND TOOL CLEAN (MIN)
5. PRIME AND PAINT: AS PER CLIENT SPECIFICATIONS
6. ALL BOLT HOLES TO STRADDLE CENTERLINES.
7. ALL REPADS, OR SEGMENT IF MORE THAN ONE PIECE IS USED, TO HAVE A MAXIMUM 1/4" NPT WEEP HOLE. ON THE SHELL, THE WELD IN A TWO–PIECE REPAD SHALL BE LOCATED IN THE CIRCUMFERENTIAL DIRECTION.
8. CLEAN AND COVER ALL OPENINGS FOR SHIPMENT.
9. USE WELDING PROCEDURE (CAPE–9) FOR ALL TACK WELDS. 4
10. CRN DRAWINGS: CML–160563CRN SHEET 1 & 2 REV 0 CRN: Y3173.2
11. CRN CALCS: CML–160563CRN–R0
12. ALL PROJECTIONS MEASURED FROM CENTER LINE, UNLESS 2 OTHERWISE NOTED.



ELEVATION VIEW

REVISION MARK–UPS
☐ 1: REVIEWED AND ACCEPTED
☐ 2: REVISE AND RESUBMIT, WORK MAY PROCEED.
☐ 3: REVIEWED AND RESUBMIT, WORK MAY NOT PROCEED.
SIGN: _____ DATE: _____
CHECKED BY: _____

NO.	DATE	REVISION	BY	APP
4	17–01–16	REVISED GENERAL NOTES	KG	JG
3	16–12–12	ADDED BLDG TABS	KG	JG
2	16–11–23	REVISED TO MATCH CRN	KG	JG
1	16–11–16	REVISED VESSEL FROM "ID" TO "OD"	KG	JG

CAPE MANUFACTURING LTD.
BOX 216, HALKIRK, AB T0C 1M0
TELEPHONE: (403) 884–2442 EMAIL: SALES@NRGPS.CA

CLIENT:	
DATE:	16–10–25
LSD:	
JOB NO.:	CML–160563
SCALE:	NTS
DRAWN BY:	KG
CHECKED BY:	
APP BY:	

10' FKO VESSEL
120" OD x 40'–0" S/S
75 PSIG AT –20° F / 100° F

DWG NO.: CML–160563V SHEET 1 OF 2 REV. 4