





SPECIAL NOTES:

- 1. SXX REFER BOM ON DWG.# M-503
- 2. (UXX) REFER BOM ON DWG.# M-503
- 3. $\star\star$ DENOTES THE BID LINE ITEM SIZE HAS BEEN CHANGED.

		SECTION - B

			BILL OF MATERIALS		
			3" DIP LINE HYDROPNEUMATIC TANK TO MANHOL (DWG #: M-503 & M-504)	E	
TAG#	QTY	SIZE	DESCRIPTION	ACTUAL LENGTH	NOTES
		2", 3" & 4" DIF	P LINE FROM HYDROPNEUMATIC TANK CONNECT T (DWG #: M-503 & M-504)	O YARD PIPING	
T01	1	4" X 4"	FLG TEE - C110 / CL / TN140 PRIMER	CC = 0'-6 1/2 " X 0'-6 1/2"	BID LINE # 240
T02	1	4"	4" X 1" IP TAPT BLIND FLANGE DI, C110, NORMALLY BARE FINISH		BID LINE # 236
T03	1	4"	FLG X FLG PIPE - CL / TN140 PRIMER	0'- 9 1/4"	BID LINE # 215
T04	1	4" X 2"	FLG CONCENTRIC REDUCER C110, CL W/TN140 PRIMER	LL = 7.00"	BID LINE # 241
T05	1	2"	GALV PIPE T & C STANDARD .154 WALL IMPORT	14'- 1 5/8"	BID LINE # 209
T06	4	2"	SCH 40 GALVANIZED 90 DEGREE BEND IMPORT	CC = 0'-4 1/2 " X 0'-4 1/2"	BID LINE # 252
T07	7	2"	BRASS BALL VALVE NO-LEAD	LL = 7.00"	BID LINE # 228
T08	3	2"	SCH 40 GALVANIZED TEE IMPORT	CC = 0'-4 1/2 " X 0'-4 1/2"	BID LINE # 210
T09	1	2"	BLIND FLANGE DI, C110 / W/ 1/2" TAP FOR PR. GAUGE & PR. TRANSDUCER		
T10	1	2"	CLAVAL #92G-01BCVKC PRESSURE RED & SUSTAINING VALVE, 150# FLG, SST FITTINGS AND TUBING, BRZ AND BUNAN SEALS		BID LINE # 224

	T11	1	2" X 1/2"	SCH 40 GALVANIZED BUSHING IMPORT	1'- 2"	BID LINE # 230
	T12	1	2"	MAG. METER	LL = 13.25"	BID LINE # 222
-	T13	1	2"	202C.2 COMBINATION AIR RELEASE & VACUUM VALVE		BID LINE # 226
	T14	1	4" X 3"	FLG CONCENTRIC REDUCER C110, CL / TN140 PRIMER	LL = 7.00"	** BID LINE # 251
	T14A	1	3" X 2"	COMPANION FLANGE		
-	T15	1	4"	FLG X PE PIPE - W/S.R. 1'-6" F.F.E. CL / TN140 PRIMER	5'- 3 3/4"	** BID LINE # 259
	T16	1	4"	MJ 90 DEGREE BEND - C153 / CL / AC	CC = 0'-4" X 0'-4"	** BID LINE # 217
	T17	1	2"	SILENT WAFER STLYE CHECK VALVE, NSF61, NO LEAD. FULL PORT	LL = 0'-2 5/8"	BID LINE # 223
	T18	2	2"	FLEXIBLE PUMP CONNECTOR		BID LINE # 227
-	T19	2	3" X 2"	SCH 40 GALVANIZED 90 REDUCING ELBOW IMPORT	CC = 0'-5 5/8 " X 0'-5 5/8"	BID LINE # 211
	T20	2	3"	FLG X FLG PIPE - CL / TN140 PRIMER	0'- 9 3/8"	
-	T21	1	3" X 3"	FLG TEE - C110 / CL / TN140 PRIMER	CC = 0'-5 1/2" X 0'-5 1/2"	BID LINE # 214
	T22	2	4"	WEDGE ACTION MJ KIT FOR DI PIPE W/BOLTS, WEDGE ACTION GLAND & GASKET (BOXED WITH BLACK LETTERING)		** BID LINE # 220
	T23	27	2"	IP COMPANION FLANGE, DI/CI (6 LBS) W/7TN140 PRIMER		BID LINE # 229 & 253

T24	4	3"	IP COMPANION FLANGE, DI/CI (9 LBS) W/TN140 PRIMER	BID LINE # 235 & 256
T24A	1	4"	IP COMPANION FLANGE, DI/CI (9 LBS) W/TN140 PRIMER	
T25	27	2"	PLATED BOLT & NUT KIT, A307 GRADE A, (4EA 5/8" X 2-1/4" BOLT WITH NUT)	BID LINE # 242
T26	27	2"	1/16" FULL FACE RED RUBBER GASKET, 150#	BID LINE # 243
T27	8	2"	WAFER CHECK BOLT AND NUT (4. 5/8" X 4.5" BOLT, 4. 5/8" NUT)	BID LINE # 244
T28	8	2"	1/8" FULL FACE RED RUBBER GASKET, 150#	BID LINE # 245
T29	5	4"	PLATED BOLT & NUT KIT, A307 GRADE A, (8EA 5/8" X 3" BOLT WITH NUT) IMPORT	BID LINE # 248
T30	5	4"	1/16" FULL FACE RED RUBBER GASKET, 150#	BID LINE # 249
T31	5	3"	PLATED BOLT & NUT KIT, A307 GRADE A, (4EA 5/8" X 2-1/2" BOLT WITH NUT) IMPORT	BID LINE # 246
T32	5	3"	1/16" FULL FACE RED RUBBER GASKET, 150#	BID LINE # 247
T33	1	4"	4" X 4" NIPPLE	
T34	1	4"	COMPANION FLANGE	

OWNER:-	ENGINEER:-	DISCLAIMER RJ Barnes and Associates has prepared these layout drawings and material lists in accordance with our interpretation of the project drawings and specifications that were provided. Approval of these drawings and material lists constitute acceptance of our interpretation of material requirements for the subject job. Please check the drawings and material lists carefully to insure they are correct for your project.				
		If corrections need to be made, please mark one set of the drawings in a contrasting color and return them to this office with your comments. No material shown in these drawings should be released for manufacture without written approval from the end customer.	REV	DRAWING REVISED AS PER COMMENTS PARTICULARS	ST	RJB 07/11/2024 APP'D DATE

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