



SPECIAL NOTE:

1. (JXX) - REFER BOM ON DWG.# M11-2A

BILL OF MATERIALS					
4" & 6" ALP LINE FROM DIGESTER BLOWER DISCHARGE CONNECT TO AEROBIC DIGESTER NO. 1 & 2 (DWG #: M11-1, M11-1A & M11-2)					
TAG #	QTY	SIZE	DESCRIPTION	ACTUAL LENGTH	NOTES
G01	2	4"	WAFER BFV TYPE 316 SST BOLT KIT; (8 EA 5/8" X 6" BOLTS, NUTS & 16 EA WASHERS) ASTM A193, GRADE B8M, A194, GRADE 8M	LL = 2.05"	BID LINE # : 1134
G02	1	4"	FLG X PE SPOOL, SST, (1) 4" 90, (1) 4" 22.50, (1) 4" FLANGE, TYPE 304 SST, SCH 10, PASSIVATED	7'- 8 3/4"	BID LINE # : 1106
G03	1	4" / 6"	FLG X GRV X PE SPOOL, SST, (1) 6" TEE, (1) 6" 90, (1) 6" X 4" CONC REDUCER, (1) 6" GROOVE, (1) 1" THREAD-O-LET, TYPE 304 SST, SCH 10, PASSIVATED	9'-0 1/2"	BID LINE # : 1104
G04	2	6"	GRV X PE SPOOL, SST, (1) 6" TEE, (1) 6" 90, (1) 6" CAP, (1) 1" THREAD-O-LET, TYPE 304 SST, SCH 10, PASSIVATED	12'- 5 1/8"	BID LINE # : 94 & 95
G05	1	6"	FLG X FLG X PE SPOOL, SST, (1) 6" X 4" TEE, (3) 6" FLANGES, TYPE 304 SST, SCH 10, PASSIVATED	2'- 5 5/8"	BID LINE # : 1103
G06	1	4"	FLG X PE SPOOL, SST, (1) 4" 90, (1) 4" FLANGE, TYPE 304 SST, SCH 10, PASSIVATED	7'- 3 5/8"	BID LINE # : 1107
G07	1	6"	FLG X GRV SPOOL, SST, (1) 6" FLANGE, (1) 1" THREAD-O-LET, TYPE 304 SST, SCH 10, PASSIVATED	5'- 0 5/8"	BID LINE # : 1105
G08	3	6"	WAFER BFV TYPE 316 SST BOLT KIT; (8 EA 3/4" X 6-1/2" BOLTS, NUTS & 16 EA WASHERS) ASTM A193, GRADE B8M, A194, GRADE 8M	LL = 2.20"	BID LINE # : 1132
G09	1	6"	PE X VIC-RING SPOOL, SST, (1) 6" TEE, (2) 6" FLANGES, (1) 6" VIC RING, TYPE 304 SST, SCH 10, PASSIVATED	10'- 0 1/8"	BID LINE # : 1102

G10	1	6"	VICTAULIC STYLE 232S TYPE 1 RESTRAINED FLGEXIBLE EXPANSION COUPLING	LL = 8.00"	BID LINE # : 1116
G11	1	6"	PE X VIC-RING SPOOL, SST, (1) 6" VIC RING, TYPE 304 SST, SCH 10, PASSIVATED	10'- 4 1/8"	BID LINE # : 1101
G12	4	4"	FULL FACE, 1/8" THICK SILICONE FLANGE GASKET, RATED FOR 350 DEGREES F		BID LINE # : 1135
G13	2	6"	VICTAULIC STYLE 77DX COUPLING, 316 SST HOUSING, TYPE "L" SILICONE GASKET, TYPE 316 SST BOLTS & NUTS		BID LINE # : 1114
G14	6	6"	FULL FACE, 1/8" THICK SILICONE FLANGE GASKET, RATED FOR 350 DEGREES F		BID LINE # : 1133
6" & 10" ALP LINE FROM PROCESS BLOWER DISCHARGE CONNECT TO OXIDATION DITCH NO. 1 & 2 (DWG #: M11-1, M11-1A, M11-2, M11-2A)					
H01	3	6"	WAFER BFV TYPE 316 SST BOLT KIT; (8 EA 3/4" X 6-1/2" BOLTS, NUTS & 16 EA WASHERS) ASTM A193, GRADE B8M, A194, GRADE 8M	LL = 2.20"	BID LINE # : 1132
H02	1	6"	FLG X PE SPOOL, SST, (2) 6" 90, (1) 6" FLANGE, TYPE 304 SST, SCH 10, PASSIVATED	7'- 3"	BID LINE # : 1098
H03	1	10"	FLG X GRV X PE SPOOL, SST, (1) 10" TEE, (1) 10" X 6" CONC REDUCER, (2) 10" FLANGE, (1) 10" GROOVE, (1) 1" THREAD-O-LET, TYPE 304 SST, SCH 10, PASSIVATED	6'- 1 7/8"	BID LINE # : 1095
H04	1	6"	FLG X PE SPOOL, SST, (1) 6" 90, (1) 10" X 6" TEE, (1) 6" FLANGE, (1) 10" FLANGE TYPE 304 SST, SCH 10, PASSIVATED	7'- 1 1/4"	BID LINE # : 1099
H05	3	10"	WAFER BFV TYPE 316 SST BOLT KIT; (12 EA 7/8" X 8" BOLTS, NUTS & 24 EA WASHERS) ASTM A193, GRADE B8M, A194, GRADE 8M	LL = 2.67"	BID LINE # : 1130

H06	1	10"	(1) 10" X 6" TEE, (2) 10" FLANGES, TYPE 304 SST, SCH 10, PASSIVATED		BID LINE # : 1194
H07	1	10"	FLG X GRV X PE SPOOL, SST, (1) 10" TEE, (1) 10" X 6" CONC REDUCER, (1) 10" 90, (1) 1" THREAD-O-LET, (1) 10" FLANGE, (1) 10" GROOVE, TYPE 304 SST, SCH 10, PASSIVATED	1'- 6 1/2"	BID LINE # : 1096
H08	1	6"	FLG X PE SPOOL, SST, (1) 6" FLANGE, TYPE 304 SST, SCH 10, PASSIVATED	6'- 4"	BID LINE # : 1100
H09	2	10"	PE X PE SPOOL, SST, (1) 10" TEE, (1) 10" 90, (1) 10" CAP, (1) 1" THREAD-O-LET, TYPE 304 SST, SCH 10, PASSIVATED	9'- 11 3/4"	BID LINE # : 27 & 28
H10	2	10"	VICTAULIC STYLE 77S COUPLING, 316 SST HOUSING, TYPE "L" SILICONE GASKET, TYPE 316 SST BOLTS & NUTS		BID LINE # : 1113
H11	6	10"	FULL FACE, 1/8" THICK SILICONE FLANGE GASKET, RATED FOR 350 DEGREES F		BID LINE # : 1131

BILL OF MATERIALS STD ABBREVIATIONS & NOTES LEGEND

01. VIC / GRV = VICTAULIC / GROOVED JOINT

02. SST = STAINLESS STEEL

03. PE = PLAIN END

04. FLG = FLANGE JOINT

05. LL = LAYING LENGTH

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	ST	RJB	06/29/2024
	PARTICULARS	BY	APP'D	DATE

R. J. Barnes & Associates, 1442 S 500 E - STE 300, American Fork, UT 84003

