

**BILL OF MATERIAL**

ITEM	QTY.	DESCRIPTION	LENGTH	WIDTH	MATERIAL	COMMENTS	WEIGHT (LBS)
901	3	HUB, VECTOR, No. 12 OPTIMA W/ CONN. GUIDE				VECTOR DWG. No. GA-E12-TEI	12120
902	1	VALVE, BALL, 10 IN				ATV DWG. No. OD-00713-001	10803
903	1	VALVE, BALL, 8 IN				ATV DWG. No. OD-00713-000	7606
904	6	VALVE, BALL, 2 IN				ATV DWG. No. GA-3625-13-02	2700
905	2	HOT STAB MANIFOLD, 3", SEANIC				SEANIC DWG. No. 11160 LYT	46
906	1	WYE, 10" X 10" X 10", w/ EQUIPMENT	5'-8"	4'-3"			21000
907	2	BEND, 5D, 10.00" X 0.783" WT, W/ 12.00" TANGENT	5'-5 1/2"		API 5L X70		842
908	1	BEND, 5D, 8.625" X 0.882" WT, W/ 12.00" TANGENT	4'-7 7/16"		API 5L X70		313
909	2	TEE, 10.75" X 2.375"	1'-10"	1'-8 1/2"	F483B-SCB	GEN No. ES032497-000-DD-5236-9103	3836
910	2	TEE, 8.625" X 2.375"	1'-9"	1'-6"	F483B-SCB	GEN No. ES032497-000-DD-5236-9102	3002
911	1	REDUCER, 10.750" X 8.625" X .812" WT	1'-9 1/4"		API 5L X70		127
912	29	ELBOW, 90 DEG, LR, 2.375" X 0.343" WT	4 11/16"		API 5L X70		85
913	1	ELBOW, 45 DEG, LR, 2.375" X 0.343" WT	2 5/8"		API 5L X70		2
914	2	TEE, STRAIGHT, 2.375" X 0.343" WT	7 1/2"		API 5L X70		6
915	1	PIPE, 10.750" X 0.719" WT	1'-6"		API 5L X70		116
916	1	PIPE, 10.750" X 0.719" WT	1'-9 11/16"		API 5L X70		140
917	1	PIPE, 10.750" X 0.719" WT	1'-0"		API 5L X70		77
918	2	PIPE, 10.750" X 0.719" WT	1'-0"		API 5L X70		154
919	1	PIPE, 8.625" X 0.812" WT	1'-11 3/16"		API 5L X70		131
920	2	PIPE, 8.625" X 0.812" WT	10"		API 5L X70		113
921	1	PIPE, 2.375" X 0.343" WT	7'-8 1/8"		API 5L X70		57
922	1	PIPE, 2.375" X 0.343" WT	7'-6 11/16"		API 5L X70		56
923	2	PIPE, 2.375" X 0.343" WT	2'-6 3/16"		API 5L X70		38
924	2	PIPE, 2.375" X 0.343" WT	2'-1 11/16"		API 5L X70		32
925	1	PIPE, 2.375" X 0.343" WT	1'-4 11/16"		API 5L X70		10
926	1	PIPE, 2.375" X 0.343" WT	11"		API 5L X70		7
927	1	PIPE, 2.375" X 0.343" WT	1'-1 9/16"		API 5L X70		8
928	1	PIPE, 2.375" X 0.343" WT	9 5/16"		API 5L X70		6
929	1	PIPE, 2.375" X 0.343" WT	6 9/16"		API 5L X70		4
930	4	PIPE, 2.375" X 0.343" WT	6"		API 5L X70		15
931	1	PIPE, 2.375" X 0.343" WT	5 1/16"		API 5L X70		3
932	6	PIPE, 2.375" X 0.343" WT	4"		API 5L X70		15
TOTAL BOM WEIGHT:							63,470
ESTIMATED PIPING DRY WEIGHT W/ 8% CONTINGENCY (AT COMPLETION):							65,000