MARS SPACE CONSTRUCTION, LLC

ENGINEERING & CONSTRUCTION
Montgomery, Texas 77356
BUS: (832) 317-2872

TEXAS REGISTERED ENGINEERING FIRM F-XXX

LINE LIST

Client:
Project:
Location:

Job #:
File: ENG-MarsBase-001
Revision: A
Date: 6/13/2021

Line Size (NPS) Inches	CC	Pipe Sch	Pipe Thk	Line No	Spec.	Insulation N-None H-Hot F-Freeze Protect	Insulation Thickness (Inch)	Trace O-Oil S-Steam E-Elect	P&ID Number	From	To	Product	Normal Operating		Design		Test Medium	Test Pressure	MDMT		PWHT	Design Flow Parameters				Calc Velocity	Calc Pressure Drop	Tie In No.
													Temp, F	Pres. PSIG	Temp, F	Pres. PSIG	Hydro/Pneum	PSIG				Vis CS	SpGr OT/60F	K LBS/Hr	GPM		PSI/100Ft	
14	CS			100	D1	N	-		P04-901		Line 101	Wet Gas	125	915	150	1100												
14	CS			101	D1	N	-		P04-901	Line 100, 130	F-441	Wet Gas	125	915	150	1100												
14	CS			102	D1	N	-		P04-901	F-441	Line 103	Wet Gas	125	910	150	1100												
10	CS			103	D1	N	-		P04-902	Line 102	Line 104	Wet Gas	125	910	150	1100												
10	CS			104	D1	H	3		P04-902	Line 103	V-442/443/444	Wet Gas	500	910	600	1095												
10	CS			105	D1	H	3.5		P04-902	V-442/443/444	Line 106	Dry Gas	550	895	600	1095												
10	CS			106	D1	N	-		P04-902	Line 105	Line 107	Dry Gas	125	895	150	1100												
14	CS			107	D1	N	-		P04-902	Line 106	F-445/446	Dry Gas	125	895	150	1100												
14	CS			108	D1	N	-		P04-901	F-445/446	Line 109, 123	Dry Gas	125	890	150	1100												
14	CS			109	D1	N	-		P04-901	Line 108/123	Line 150, 151	Dry Gas	125	890	150	1100												
4	CS			123	D1	N	-		P04-901	Line 108	C-141	Regen Gas	125	890	150	1100												
4	CS			124	D1	N	-		P04-901	C-141	H-741	Regen Gas	135	950	150	1100												
6	CS			125	D1	H	3		P04-903	H-741	Line 126	Regen Gas	550	940	600	1095												
6	CS			126	D1	H	3		P04-902	Line 125	Line 105	Regen Gas	550	940	600	1095												
6	CS			127	D1	H	2.5		P04-902	Line 104	Line 128	Regen Gas	450	1005	600	1095												
6	CS			128	D1	H	2.5		P04-902	Line 127	A-341	Regen Gas	450	1002	600	1095												
4	CS			129	D2	N	-		P04-903	A-341	V-447	Regen Gas + H2O	125	932	150	1100												
4	CS			130	D1	N	-		P04-903	V-447	Line 101	Regen	125	932	150	1100												
10	CS			150	D1	N	-		P04-904	Line 109 / 151	E-201	Inlet Gas	125	890	150	1100												
10	CS			151	D1	N	-		P04-904	Line 109 / 150	E-202	Inlet Gas	80	890	150	1100												
10	LT			152	D1	C	1.5		P04-904	E-201	Line 154 / 155	HC L/V	2	885	150	1100												
10	CS			153	D1	N	-		P04-905	E-202	E-204	HC Vap	90	885	150	1100												