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EXPLANATION OF IDENTIFICATION LETTERS					
	FIRST LETTER (1)		SUCCEEDING LETTERS		
	MEASURED OR INITIATING VARIABLE	MODIFIER	READOUT OR PASSIVE FUNCTION	OUTPUT FUNCTION	MODIFIER
A	ANALYSIS		ALARM		
B	BURNER, FLAME		USER’S CHOICE	USER’S CHOICE	USER’S CHOICE
C	CONDUCTIVITY			CONTROL	CLOSED
D	DENSITY (MASS) OR SPECIFIC GRAVITY	DIFFERENTIAL			
E	VOLTAGE		PRIMARY ELEMENT		
F	FLOW RATE	RATIO (FRACTION)			
G	GAUGING (DIMENSIONAL)		GLASS VIEWING DEVICE		
H	HAND (MANUAL)				HIGH
	CURRENT (ELECTRICAL)		INDICATE		
	POWER	SCAN			
K	TIME, TIME SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL		LIGHT		LOW
M	MOISTURE OR HUMIDITY	MOMENTARY			MIDDLE, INTERMEDIATE
N	USER’S CHOICE (S/D)		USER’S CHOICE	USER’S CHOICE	USER’S CHOICE
O	USER’S CHOICE		ORIFICE, RESTRICTION		OPEN
P	PRESSURE, VACUUM		POINT (TEST CONNECTION)		
Q	QUANTITY	INTEGRATE, TOTALIZE			
R	RADIATION		RECORD		
S	SPEED, FREQUENCY	SAFETY		SWITCH	
T	TEMPERATURE			TRANSMIT	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	MULTIFUNCTION
V	VIBRATION, MECHANICAL ANALYSIS			VALVE, DAMPER, LOUVER	
W	WEIGHT,FORCE		WELL		
X	UNCLASSIFIED	X AXIS	UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED
Y	EVENT, STATE,PRESENCE	Y AXIS		RELAY, COMPUTE, CONVERT	
Z	POSITION, DIMENSION	Z AXIS		DRIVER, ACTUATOR, UNCLASSIFIED FINAL CONTROL ELEMENT	

AUXILIARY INSTRUMENT IDENTIFICATION LETTERS	
UA	COMMON ALARM
I/P	CONTROL VALVE TRANSDUCER
FO	RESTRICTION ORIFICE
SV	SOLENOID VALVE
TW	THERMOWELL
ZE	FLAME ARESTOR
PSV	PRESS SAFETY VALVE, CONSERVATOR VENT, EMERGENCY HATCH
PSE	RUPTURE DISK
FICV	ROTAMETER WITH NEEDLE VALVE & DIFF. REGULATOR
FG	ROTAMETER WITHOUT NEEDLE VALVE OR DIFF. REGULATOR

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NOTE:

1. THIS DRAWING APPLIES TO SCOPE OF WORK FOR THE "\_\_\_\_\_ PROJECT". HOWEVER THIS DRAWING DOES NOT SUPERCEDE ANY UNIT SPECIFIC STANDARD SYMBOLOGY DRAWINGS.

2. THE MOST COMMON METHOD OF MOTOR CONTROL IS SHOWN ON THE P&ID’S WITHOUT MODIFIERS.

REFERENCE DRAWINGS		REVISIONS							ENGINEERING RECORD	
NO.	TITLE	NO.	FIRM	DATE	DESCRIPTION	BY	CHK.	APP.	BY	DATE
-	-	A	MSC	04/15/21	ISSUED FOR REVIEW	GJR	-	-	DRN:	GJR 04/15/21
		B							DES:	- -
		C							CHK:	- -
		D							APP:	- -
		E							AFE No.	- -
		F							SE&C JOB NO.	- -
									PRD.J. ENGR:	-
									SCALE:	NONE

MSC

MARS SPACE CONSTRUCTION,LLC

ENGINEERING, DESIGN & CONSTRUCTION

TEXAS REGISTERED ENGINEERING FIRM F-XXXX

CLIENT LOGO

MARS BASE PROCESS SERVICES  
UTILITY SERVICES

P&ID LEGEND  
MONTGOMERY COUNTY, TEXAS

PLOT SCALE	N/A	DWG. NO.	D-XXXX-P05-105	REV	A
CAD NO.	PID-105				