



ID	ND	TYPE	CATEGORY
2	25	BUTTWELD	FABRICATION-ITEM
1	25	BUTTWELD	FABRICATION-ITEM

REV.	DESCRIPTION	DATE	DRAWN	CHKD	APPD	SERVICE	PIPE SPEC	MAX PRESSURE	MAX TEMPERATURE	P&ID DWG	INSULATION SPEC	INSULATION THK
0		08/13/24										
1		10/30/24										

PROJECT NAME: <b>MPE007</b>											
TITLE:											
DRAWING NUMBER: <b>61201-2</b>											
LINE NO:	<b>61201</b>										
AREA:	UNIT:	TYPE:									
JOB NUMBER:	SCALE:	SHEET:	2	OF	5	REV:	1				

ID	QTY	ND	SCH/CLASS	DESCRIPTION
PIPE				
1	0.2M	25	80	PIPE, SEAMLESS, SCH80, PE, ASME B36.10, ASTM A333 GR 6
FITTINGS				
2	1	25	300	FLANGE BUND, 300 LB, RF, ASME B16.5, ASTM A350 GR LF2
FLANGES				
3	2	25	80	FLANGE WN, SCH 80, 300 LB, RF, ASME B16.5, ASTM A350 GR LF2
FASTENERS				
4	16	16X77	300	BOLT SET, RF, 300 LB, STUD BOLT
5	4	25	300	GASKET, SMG, 1/8" THK, RF, 300 LB, ASME B16.20, CS/GRAPHITE
VALVES				
6	1	25	300	CHECK VALVE, LIFT, 300 LB, RF, ASME B16.10
7	1	25	300	BALL VALVE, LONG PATTERN, 300 LB, RF, ASME B16.10, ASTM A350 GR LF2
PIPE SUPPORTS				
8	1	25		U-CLAMP

ID	LENGTH	ND	END1	END2
1	196MM	25	BEVEL	BEVEL

- NOTES:
1. ALL TAPPED BRANCHES TO INCLUDE TWO (2) GUSSETS LOCATED 90 DEGREES APART.
  2. ALL SUPPORT WELDS SHALL BE CONTINUOUSLY WELDED.
  3. MATERIAL TEST REPORTS ARE REQUIRED.
  4. CHARPY IMPACT TESTS FOR LOW TEMP. MATERIALS ARE REQUIRED FROM EITHER THE MANUFACTURER OR FABRICATOR.
  5. 5% RADIOGRAPHIC EXAMINATION IS REQUIRED FOR EACH WELDER.
  6. WELDER LOG SHALL BE PROVIDED FOR INSPECTION.
  7. SQUARENESS OF ALL JOINTS SHALL FOLLOW TOLERANCE ALLOWABLE LIMITS.