



ID	ND	TYPE	CATEGORY
10	40	SOCKETWELD	FABRICATION-ITEM
9	40	SOCKETWELD	FABRICATION-ITEM
8	40	SOCKETWELD	FABRICATION-ITEM
7	40	SOCKETWELD	FABRICATION-ITEM
6	40	SOCKETWELD	FABRICATION-ITEM
5	40	SOCKETWELD	FABRICATION-ITEM
4	40	SOCKETWELD	FABRICATION-ITEM
3	40	SOCKETWELD	FABRICATION-ITEM
2	40	SOCKETWELD	FABRICATION-ITEM
1	40	SOCKETWELD	FABRICATION-ITEM

REV.	DESCRIPTION	DATE	DRAWN	CHKD	APPD
0		08/22/24			
1		10/30/24			

SERVICE	PIPE SPEC	MAX PRESSURE	MAX TEMPERATURE	P&ID DWG	INSULATION SPEC	INSULATION THK

ID	QTY	ND	SCH/CLASS	DESCRIPTION
1	5.2M	40	80	PIPE, SEAMLESS, SCH80, PE, ASME B36.10, ASTM A333 GR 6
2	4	40	3000	ELL 90, 3000 LB, SW, ASME B16.11, ASTM A350 GR LF2
3	2	40	300	FLANGE SW, 300 LB, RF, ASME B16.5, ASTM A350 GR LF2
4	3	40		U-CLAMP

ID	LENGTH	ND	END1	END2
1	107MM	40	SQUARE CUT	SQUARE CUT
2	237MM+200MM=437MM	40	SQUARE CUT	SQUARE CUT
3	3946MM+200MM=4146MM	40	SQUARE CUT	SQUARE CUT
4	104MM	40	SQUARE CUT	SQUARE CUT
5	738MM+200MM=938MM	40	SQUARE CUT	SQUARE CUT

- 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.
 8. F.W.= FIELD WELD

PROJECT NAME:
MPE007

DRAWING NUMBER:
61202-1

LINE NO.:
61202

JOB NUMBER:

SCALE:	SHEET:	OF	REV.
N.T.S.	1	2	1