



BILL OF MATERIALS

ID	QTY	ND	SCH/CLASS	DESCRIPTION
1	0.9M	25	80	PIPE, SEAMLESS, SCH80, PE, ASME B36.10, ASTM A333 GR 6
2	2	25	3000	ELL 90, 3000 LB, SW, ASME B16.11, ASTM A350 GR LF2
3	2	25	300	FLANGE SW, 300 LB, RF, ASME B16.5, ASTM A350 GR LF2
4	8	16X77	300	BOLT SET, RF, 300 LB, STUD BOLT
5	2	25	300	GASKET, SMG, 1/8" THK, RF, 300 LB, ASME B16.20, CS/GRAPHITE
6	1	25		PIPE SUPPORTS

CUT PIECE LIST

ID	LENGTH	ND	END1	END2
1	167MM+200MM=367MM	25	SQUARE CUT	SQUARE CUT
2	297MM+200MM=497MM	25	SQUARE CUT	SQUARE CUT
3	383MM+200MM=583MM	25	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.

PROJECT NAME:
MPE007

TITLE:

DRAWING NUMBER:

60701-A-1

LINE NO:
60701-A

JOB NUMBER:

SCALE:	SHEET:	REV:
N.T.S.	1 of 2	0

ID	ND	TYPE	CATEGORY
1	25	SOCKETWELD	FABRICATION-ITEM
2	25	SOCKETWELD	FABRICATION-ITEM
3	25	SOCKETWELD	FABRICATION-ITEM
4	25	SOCKETWELD	FABRICATION-ITEM
5	25	SOCKETWELD	FABRICATION-ITEM
6	25	SOCKETWELD	FABRICATION-ITEM

REV.	DESCRIPTION	DATE	DRAWN	CHKD	APPD
		10/30/24			

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

WELD LIST	DESCRIPTION	DATE	DRAWN	CHKD	APPD
		10/30/24			