



ID	ND	TYPE	CATEGORY
9	25	SOCKETWELD	FABRICATION-ITEM
8	25	SOCKETWELD	FABRICATION-ITEM
7	25	SOCKETWELD	FABRICATION-ITEM
6	25	SOCKETWELD	FABRICATION-ITEM
5	25	SOCKETWELD	FABRICATION-ITEM
4	25	SOCKETWELD	FABRICATION-ITEM
3	25	SOCKETWELD	FABRICATION-ITEM
2	25	BUTTWELD	FABRICATION-ITEM
1	25	BUTTWELD	FABRICATION-ITEM

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

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

BILL OF MATERIALS

ID	QTY	ND	SCH/CLASS	DESCRIPTION
1	3.1M	25	80	PIPE, SEAMLESS, SCH80, PE, ASME B36.10, ASTM A333 GR 6
2	1	25	80	ELBOW 90 LR, SCH 80, BW, ASME B16.9, ASTM A420 GR WPL6
3	3	25	3000	ELL 90, 3000 LB, SW, ASME B16.11, ASTM A350 GR LP2
FLANGES				
4	1	25	300	FLANGE SW, 300 LB, RF, ASME B16.5, ASTM A350 GR LP2
5	1	25	80	FLANGE NW, SCH 80, 300 LB, RF, ASME B16.5, ASTM A350 GR LP2
FASTENERS				
6	4	16X77	300	BOLT SET, RF, 300 LB, STUD BOLT
7	1	25	300	GASKET, SWG, 1/8" THK, RF, 300 LB, ASME B16.20, CS/GRAPHITE
VALVES				
8	1	25	300	GLOBE VALVE, 300 LB, RF, ASME B16.10
PIPE SUPPORTS				
9	3	25		U-CLAMP

CUT PIECE LIST

ID	LENGTH	ND	END1	END2
1	208MM	25	BVEL	SQUARE CUT
2	1713MM	25	SQUARE CUT	SQUARE CUT
3	332MM	25	SQUARE CUT	SQUARE CUT
4	798MM	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.
 8. F-W= FIELD WELD

PROJECT NAME:
MPE007

DRAWING NUMBER:
60701-A-2

LINE NO:
60701-A

JOB NUMBER:

SCALE:	SHEET:	OF	REV.
N.T.S.	2	2	0