

BILL OF MATERIALS			
ID	QTY	SCH/CLASS	DESCRIPTION
1	2500 MM		TUBING, ASTM A269, SEAMLESS – 316SS
2	1		BEND 45 5R, TUBING, ASTM A269, 316SS
3	4		BEND 90 5R, TUBING, ASTM A269, 316SS
4	1		2-Way Manifold 1/2" NPT(M) x 1/2" NPT(F)
5	1		MaleStub1/2NPT(M) x 1/2"Tube
6	6		PRESSURE TRANSMITTER 1/2" NPT(M)
7	1		MaleStub 3/8" NPT(M) x 1/2"Tube
8	1		ANGLE VALVE 3/8" NPT(M) X 3/8" NPT(F)
9	1		Female Stub 1/2" NPT(F) x 1/2"T
10	3		Female Union Elbow 1/2" T x 1/2"T
11	2		U-clamp

NOTES:

1. ALL TAGS ARE LABELED AS FOLLOWS,
PIT-RU0001(A/B)-01 WHERE 'A' STANDS FOR UNIT 1 &
'B' STANDS FOR UNIT 2.

FOR EXAMPLE:
- PIT-RU0001A-01 FOR UNIT 1
- PIT-RU0001B-01 FOR UNIT 2

NO NEED

Female stub 1/2"NPTF x 1/2"T
Alternative: Female union elbow 1/2" NPTF x 1/2"T

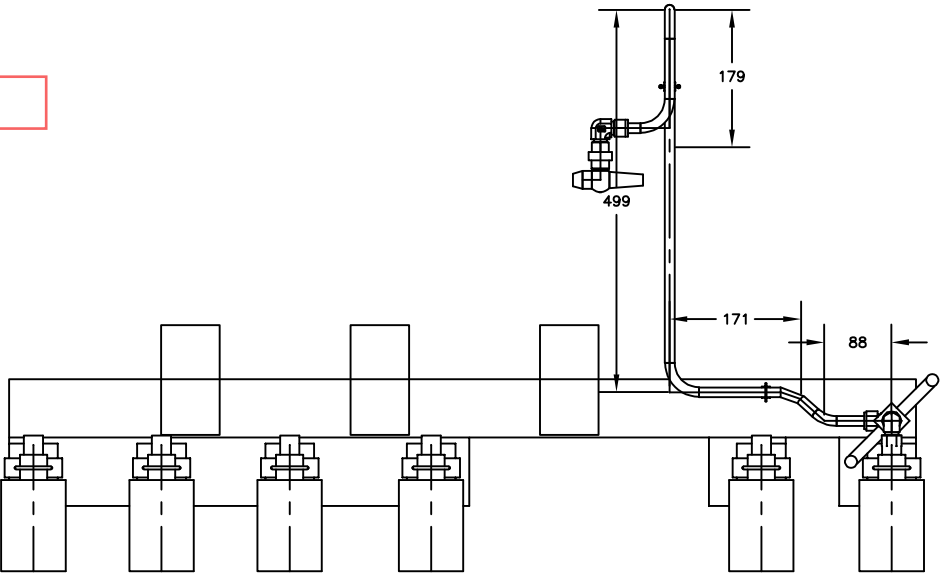
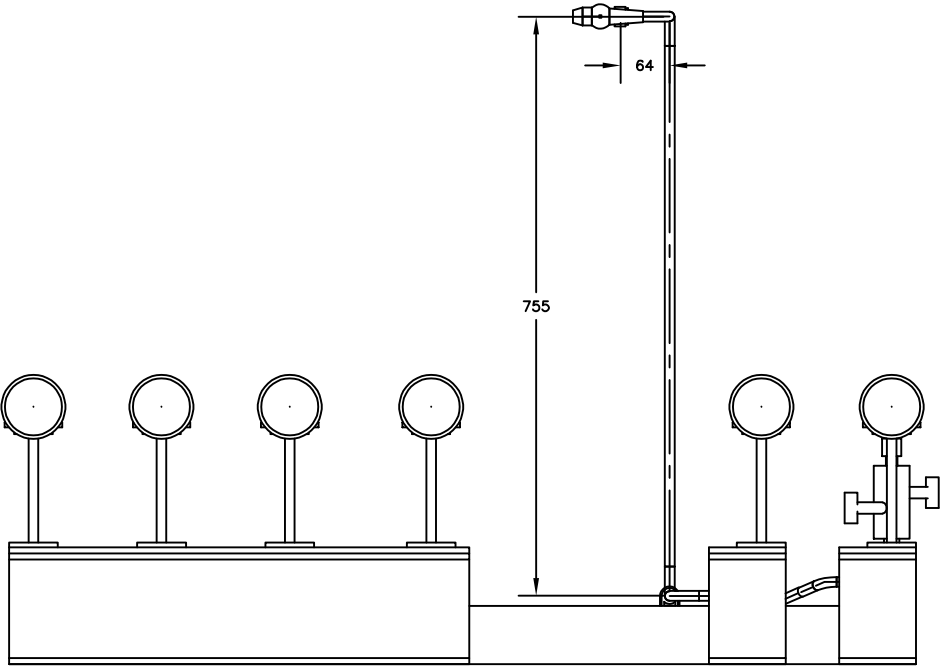
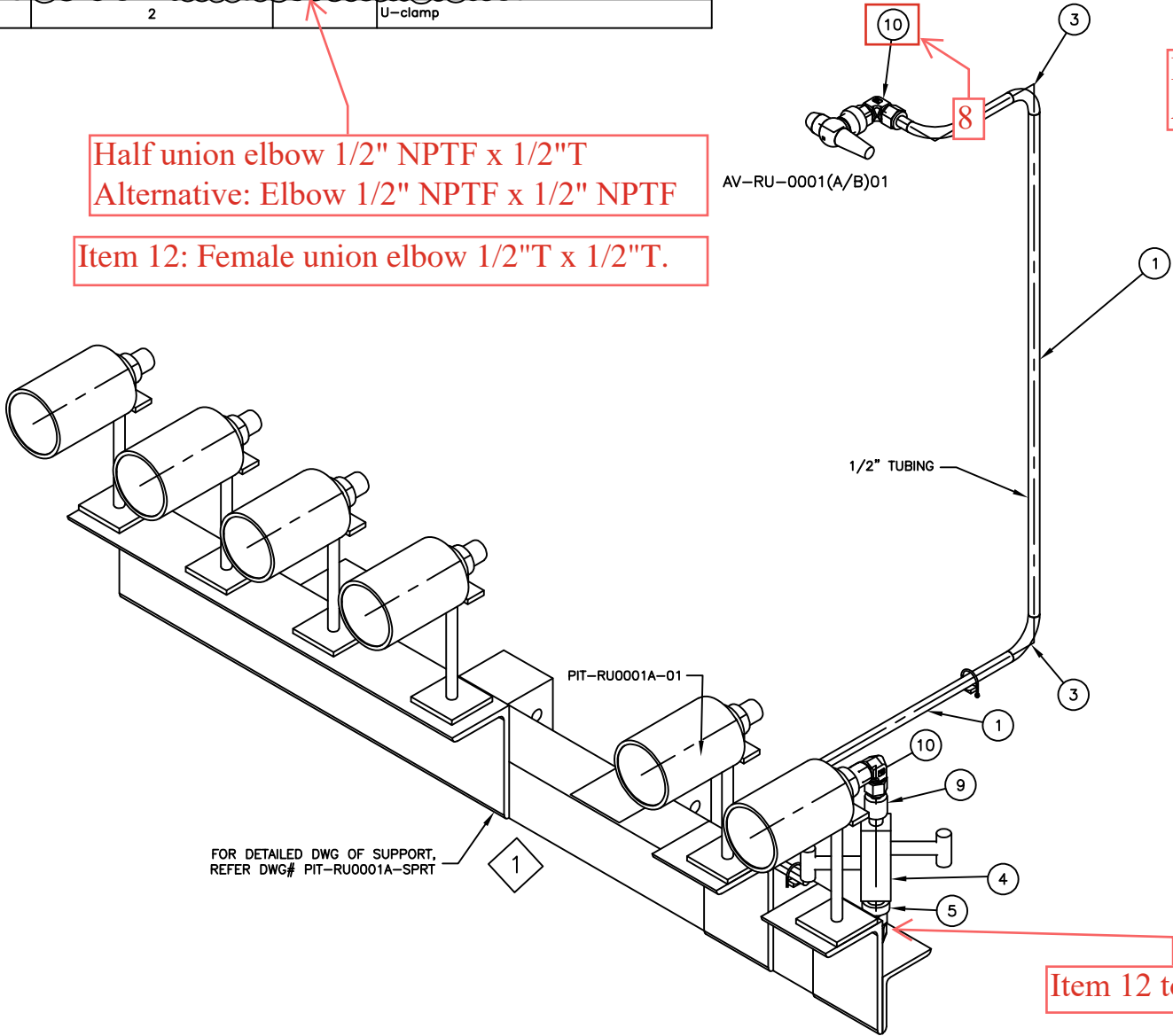
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Male union elbow 3/8" BSPT x 1/2"T (enough spare to be considered)
Alternative: Male connector 3/8" BSPT x 1/2"T

Male Stub 1/2" NPT x 1/2"T
Alternative: Nipple 1/2" 50 mm

Half union elbow 1/2" NPTF x 1/2"T
Alternative: Elbow 1/2" NPTF x 1/2" NPTF

Item 12: Female union elbow 1/2"T x 1/2"T.



1	F	04.09.24	FOR APPROVAL	AJD	AJD	IES	SES
0	F	15.08.24	FOR APPROVAL	AJD	AJD	IES	SES
REV.	STATUS	DATE	PURPOSE OF ISSUE	PREP.	CHKD.	APPD.	AUTH.
		CLIENT: ENER TECHNOLOG SERVICE: PROPANE REFRIGERATION PACKAGE LOCATION: IRAQ UNIT TAG NO.: RU-0001 A/B					
VENDOR LOGO							
Contract No.		P.O No. ENER-MME-2024-100-001		SCALE			
DRAWING TITLE: PIT-RU0001(A/B)-01 HOOKUP DRAWING							
DRAWING NO. MPE007- PIT-RU0001(A/B)-01				REV.	SHEET No.		SIZE
				1	1 OF 1		D