

NOTE :

PIPING SPEC : MB1	INSULATION SPEC : H25	PAINT CLASS : 4-3/4-4	
AREA CODE : 1AM02	LINE ID : CG-127001	P&ID NUMBER : 12700	DRAWING 1 OF 6

SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
1	PIPE A672-C65-CL12 EFW BE -- SCH40	24	I21050252	1.9 M
2	PIPE A53-B E.R.W BE -- SCH40	16	I20938433	0.9 M
3	PIPE A53-B E.R.W BE -- SCH40	2	I20922692	1.0 M
4	PIPE A106-B SML PE -- SCH80	3/4	I20827330	0.4 M
5	BW TEE -- BW A234-WPBW --- ASME-B16.9 SCH40	24X24	I21056264	1
6	BW ECC REDUCER -- BW A234-WPBW --- ASME-B16.9 SCH40 x SCH40	24X20	I21060704	1
7	BW ECC REDUCER -- BW A234-WPBW --- ASME-B16.9 SCH40 x SCH40	24X16	I21060702	1
8	PAD 90 - PAD A672-C65-CL12 ---- SCH40	24X2	I21275911	1
9	SW BOSS TYPE-A 3000LB BOSSXSW A105 --- ASME-B16.11	24X1.1/2	I20829588	1
10	BW O-LET TYPE-A - O-LETXBW A105 --- ASME-B16.9 SCH80	24X1.1/2	I21278391	1
11	SW BOSS TYPE-A 3000LB BOSSXSW A105 --- ASME-B16.11	24X1	I20829586	1
12	SW BOSS TYPE-A 3000LB BOSSXSW A105 --- ASME-B16.11	24X3/4	I20829585	1
13	SW BOSS TYPE-A 3000LB BOSSXSW A105 --- ASME-B16.11	24X1/2	I20829584	1
14	45 LONG ELBOW -- BW A234-WPBW --- ASME-B16.9 SCH40	16	I20941150	1
15	BW TEE -- BW A234-WPBW --- ASME-B16.9 SCH40	2X2	I20930285	1
16	90 LONG ELBOW -- BW A234-WPBW --- ASME-B16.9 SCH40	2	I20923129	1
17	SO FLANGE A105 -- ASME300 SO RF -- ASME-B16.5	16	I20852052	1
18	SO FLANGE A105 -- ASME300 SO RF -- ASME-B16.5	2	I20852054	4
19	WN FLANGE A105 -- ASME600 WN RF -- ASME-B16.5 SCH80	1.1/2	I21649496	1
20	<GQ203> GLOBE VALVE API-602 CL.800 A105 - 13CR HFS SW BB,OS&Y --	3/4	I20938079	1
PIPE SUPPORTS				
21	SPECIAL PIPE SUPPORT	16	SPE-1AM02-10649	1
22	PS5 - B - 06 - 2"	2	PS5-1AM02-34874	1
OTHER THAN SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
23	LINE BLANK (PADDLE)	16	LBXX*LB-MM-16	1
24	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS O-CS OR EQ. ASME300 (4.5T) -	16	I17480554	3
25	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS O-CS OR EQ. ASME300 (4.5T) -	2	I17480556	6
26	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS O-CS OR EQ. ASME600 (4.5T) -	1.1/2	I17625704	1
27	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 7.87 in Length	1.1/4	I20566384	20
28	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 9.84 in Length	1.1/4	I20566403	20
29	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 4.72 in Length	3/4	I20565935	4
30	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 3.74 in Length	5/8	I20565924	48
31	<SM253G> GATE VALVE API-600 ASME300 A216-WCB - 13CR HFS RF BB,OS&Y WHEEL WITH GEAR -	16	I21060602	1
32	<SM253> GATE VALVE API-600 ASME300 A216-WCB - 13CR HFS RF BB,OS&Y --	2	I21060590	3
33	BLIND FLANGE A105 -- ASME300 RF -- ASME-B16.5	2	I20944948	1
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GPUFP PROJECT				
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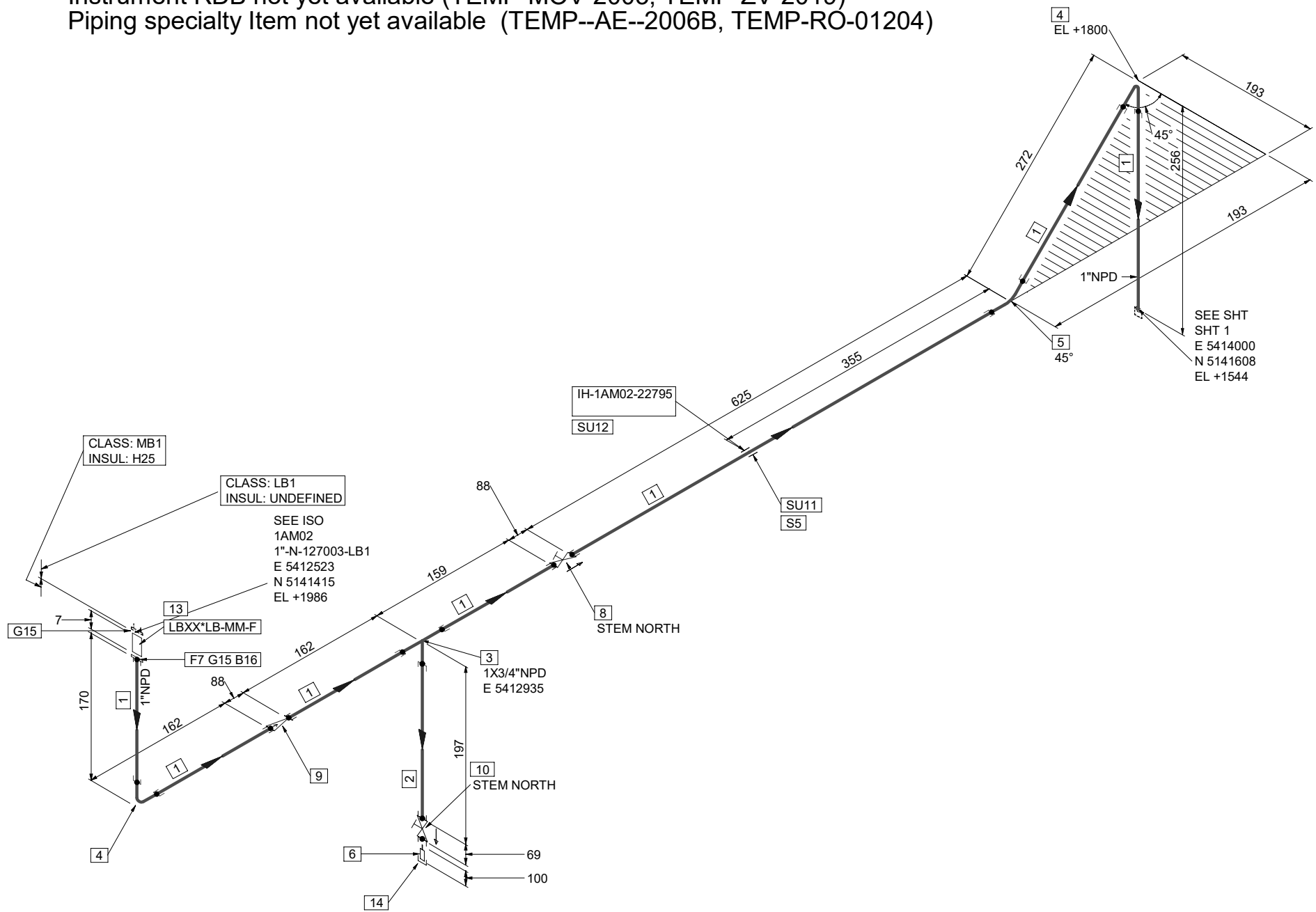
PFA REQUIREMENT : Y

PFA PACKAGE NAME : CG-126007





Instrument RDB not yet available (TEMP-MOV-2003, TEMP-ZV-2019)
Piping specialty Item not yet available (TEMP--AE--2006B, TEMP-RO-01204)



NOTE :

PIPING SPEC : MB1	INSULATION SPEC : H25	PAINT CLASS : 4-3/4-4	
AREA CODE : 1AM02	LINE ID : CG-127001	P&ID NUMBER : 12700	DRAWING 2 OF 6

SHOP MATERIALS /

No	Description	NPS	Ident	Qty
1	PIPE A106-B SML PE -- SCH80	1	I20534650	1.7 M
2	PIPE A106-B SML PE -- SCH80	3/4	I20827330	0.2 M
3	SW REDUCING TEE - 3000LB SW A105 --- ASME-B16.11	1X3/4	I20855471	1
4	90 SW ELBOW - 3000LB SW A105 --- ASME-B16.11	1	I20832503	2
5	45 SW ELBOW - 3000LB SW A105 --- ASME-B16.11	1	I20832498	1
6	NIPPLE LONG T.O.E - SCRD(NPT) A106-B -- - ASME-B16.11 SCH80	3/4	I20837865	1
7	SW FLANGE A105 - - ASME300 SW RF - - ASME-B16.5 SCH80	1	I20928643	1
8	<SQ203> GATE VALVE API-602 CL.800 A105 - 13CR HFS SW BB,OS&Y - -	1	I20928692	1
9	<CQ203> CHECK VALVE API-602 CL.800 A105 - 13CR HFS SW BC,LIFT - -	1	I20938097	1
10	<SQ203> GATE VALVE API-602 CL.800 A105 - 13CR HFS SW BB,OS&Y - -	3/4	I20928691	1
PIPE SUPPORTS				
11	S5 - 140 - 200 - 1"	1	S5	1
12	IH - A - C5-1"	1	IH-1AM02-22795	1

OTHER THAN SHOP MATERIALS /

No	Description	NPS	Ident	Qty
13	LINE BLANK (FIGURE 8)	1	LBXX*LB-MM-F	1
14	SCRD CAP - 3000LB SCRD(NPT) A105 --- ASME-B16.11	3/4	I20829600	1
15	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS O-CS OR EQ. ASME300 (4.5T) -	1	I17480548	2
16	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 3.94 in Length	5/8	I20565840	4

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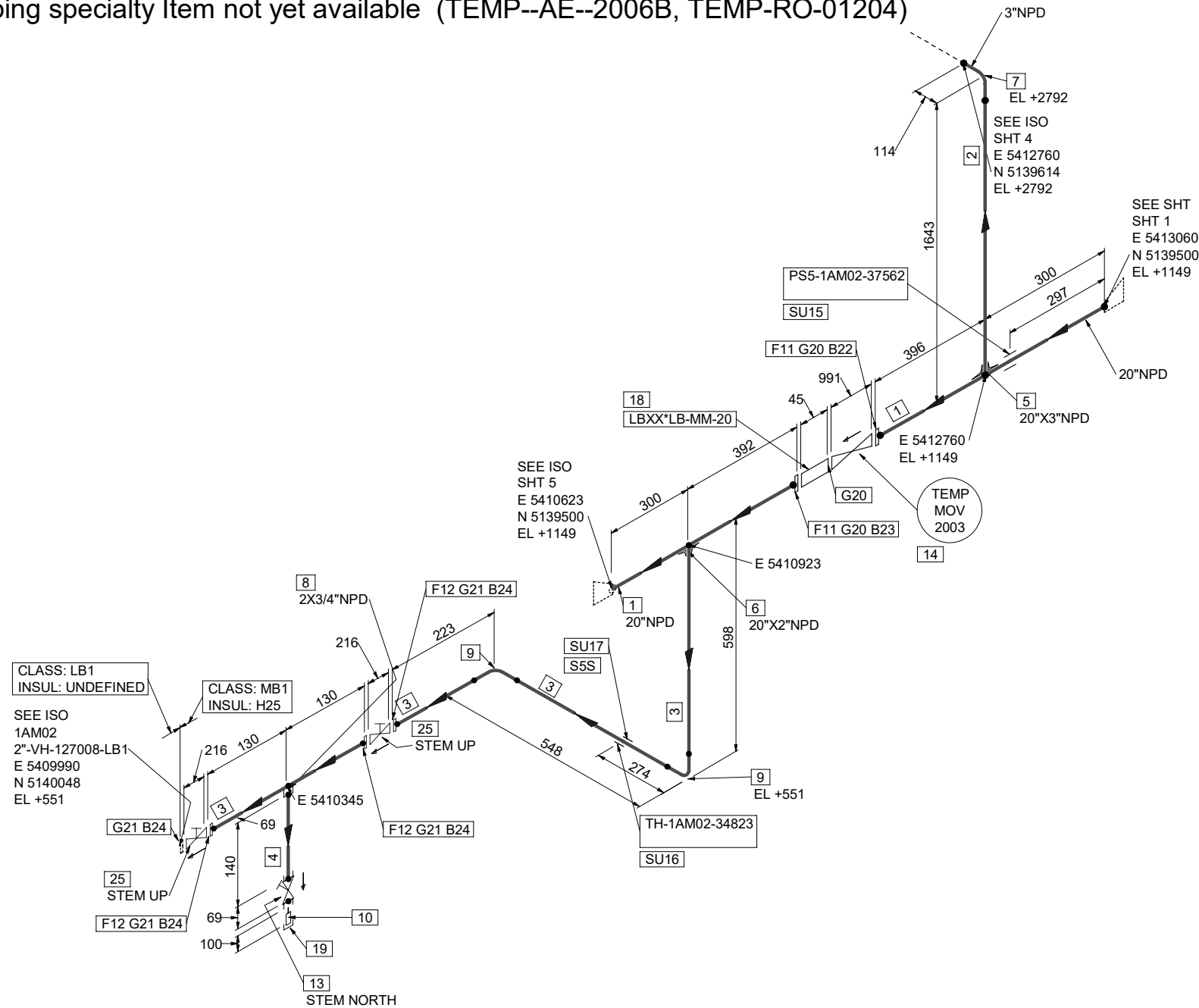
GPUFP PROJECT

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Instrument RDB not yet available (TEMP-MOV-2003, TEMP-ZV-2019)
Piping specialty Item not yet available (TEMP--AE--2006B, TEMP-RO-01204)



NOTE :

PIPING SPEC : MB1	INSULATION SPEC : H25	PAINT CLASS : 4-3/4-4	
AREA CODE : 1AM02	LINE ID : CG-127001	P&ID NUMBER : 12700	DRAWING 3 OF 6

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SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
1	PIPE A672-C65-CL12 EFW BE -- SCH40	20	I21050102	1.4 M
2	PIPE A53-B E.R.W BE -- SCH40	3	I20922746	1.3 M
3	PIPE A53-B E.R.W BE -- SCH40	2	I20922692	1.1 M
4	PIPE A106-B SML PE -- SCH80	3/4	I20827330	0.2 M
5	PAD 90 - PAD A672-C65-CL12 ---- SCH40	20X3	I21275905	1
6	PAD 90 - PAD A672-C65-CL12 ---- SCH40	20X2	I21275904	1
7	90 LONG ELBOW -- BW A234-WPBW --- ASME-B16.9 SCH40	3	I20923183	1
8	SW BOSS TYPE-A 3000LB BOSSXSW A105 --- ASME-B16.11	2X3/4	I20829585	1
9	90 LONG ELBOW -- BW A234-WPBW --- ASME-B16.9 SCH40	2	I20923129	2
10	NIPPLE LONG T.O.E - SCRD(NPT) A106-B -- - ASME-B16.11 SCH80	3/4	I20837865	1
11	SO FLANGE A105 -- ASME300 SO RF -- ASME-B16.5	20	I20852056	2
12	SO FLANGE A105 -- ASME300 SO RF -- ASME-B16.5	2	I20852054	3
13	<SQ203> GATE VALVE API-602 CL.800 A105 - 13CR HFS SW BB,OS&Y --	3/4	I20928691	1
INSTRUMENTS				
14		20	TEMP-MOV-2003	1
PIPE SUPPORTS				
15	PS5 - A - 07 - 20"	20	PS5-1AM02-37562	1
16	TH - B - 04-D0 - 2"	2	TH-1AM02-34823	1
17	S5S - 190 - 150 - 2"	2	S5S	1
OTHER THAN SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
18	LINE BLANK (PADDLE)	20	LBXX*LB-MM-20	1
19	SCRD CAP - 3000LB SCRD(NPT) A105 --- ASME-B16.11	3/4	I20829600	1
20	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS,O-CS OR EQ. ASME300 (4.5T) -	20	I17480558	3
21	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS,O-CS OR EQ. ASME300 (4.5T) -	2	I17480556	4
22	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 8.66 in Length	1.1/4	I20566393	24
23	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 10.63 in Length	1.1/4	I20566408	24
24	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 3.74 in Length	5/8	I20565924	32
25	<SM253> GATE VALVE API-600 ASME300 A216-WCB - 13CR HFS RF BB,OS&Y --	2	I21060590	2

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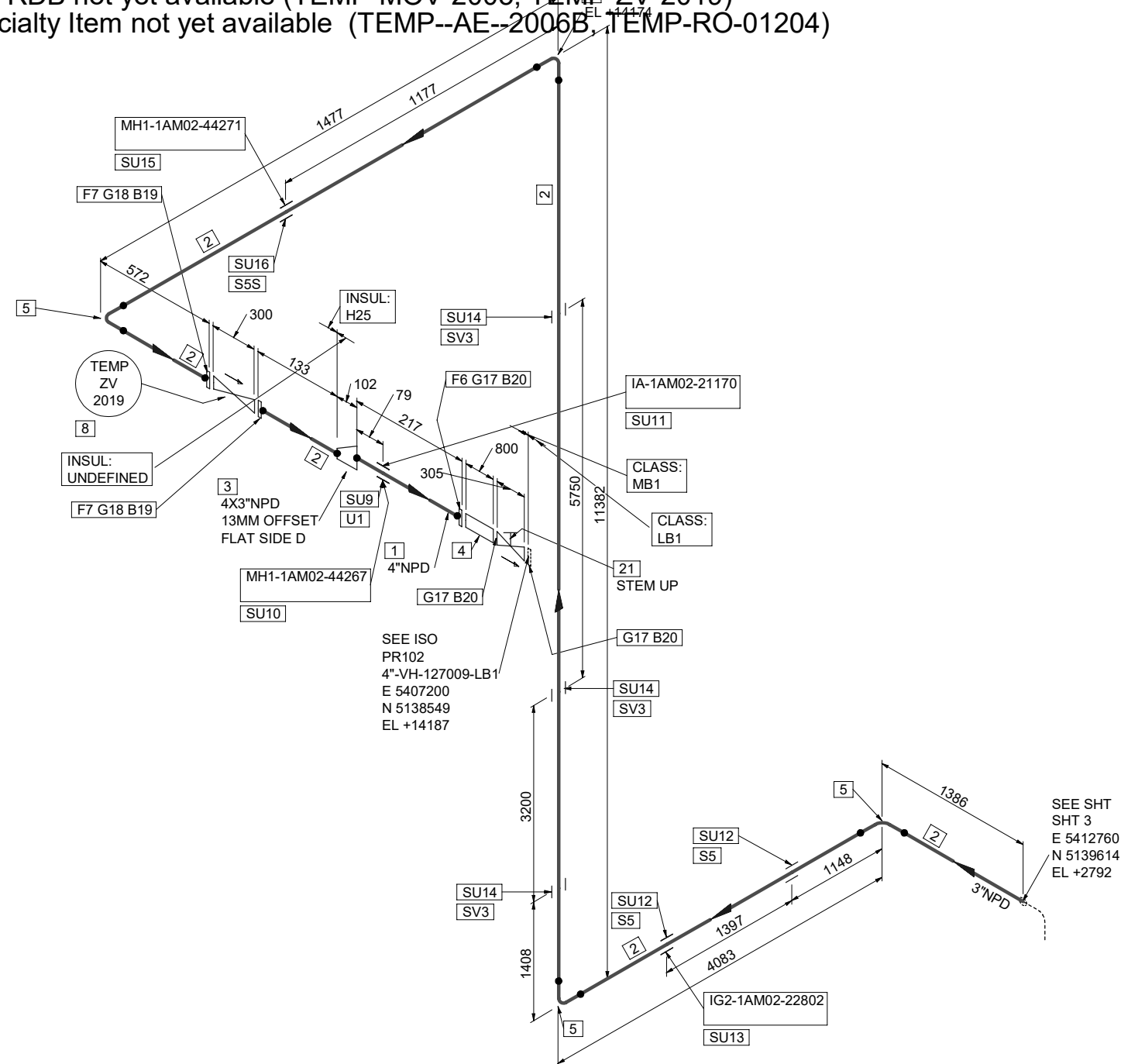
PFA REQUIREMENT : Y

PFA PACKAGE NAME : CG-126007





Instrument RDB not yet available (TEMP-MOV-2003, TEMP-ZV-2019)
Piping specialty Item not yet available (TEMP--AE--2006B, TEMP-RO-01204)



NOTE :

PIPING SPEC : MB1	INSULATION SPEC : H25	PAINT CLASS : 4-3/4-4	
AREA CODE : 1AM02	LINE ID : CG-127001	P&ID NUMBER : 12700	DRAWING 4 OF 6

Bangladesh Chemical Industries Corporation				GPUFP PROJECT		
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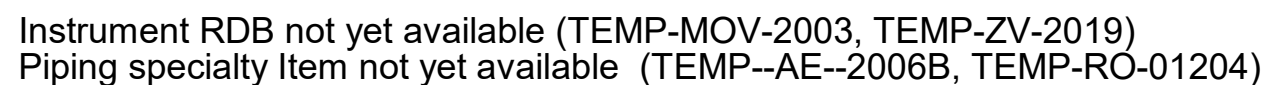
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PFA REQUIREMENT : Y

PFA PACKAGE NAME : CG-126007



SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
1	PIPE A53-B E.R.W BE - - SCH40	4	I20922808	0.3 M
2	PIPE A53-B E.R.W BE - - SCH40	3	I20922746	18.2 M
3	BW ECC REDUCER - - BW A234-WPBW - - - ASME-B16.9 SCH40 x SCH40	4X3	I20930229	1
4		4	TEMP-RO-01204	1
5	90 LONG ELBOW - - BW A234-WPBW - - - ASME-B16.9 SCH40	3	I20923183	4
6	SO FLANGE A105 - - ASME300 SO RF - - ASME-B16.5	4	I20852061	1
7	SO FLANGE A105 - - ASME300 SO RF - - ASME-B16.5	3	I20852059	2
INSTRUMENTS				
8		3	TEMP-ZV-2019	1
PIPE SUPPORTS				
9	U1 - 4"	4	U1	1
10	MH1 - A - 08-C5 - 4"	4	MH1-1AM02-44267	1
11	IA_5 - A - 16 - 4"	4	IA-1AM02-21170	1
12	S5 - 190 - 300 - 3"	3	S5	2
13	IG2_3 - 08 - 3"	3	IG2-1AM02-22802	1
14	SV3 - 190 - 300 - 3"	3	SV3	3
15	MH1 - A - 06-06 - 3"	3	MH1-1AM02-44271	1
16	S5S - 190 - 150 - 3"	3	S5S	1
OTHER THAN SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
17	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS,O-CS OR EQ. ASME300 (4.5T) -	4	I17480563	3
18	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS,O-CS OR EQ. ASME300 (4.5T) -	3	I17480561	2
19	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H - - - 4.72 in Length	3/4	I20565935	16
20	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H - - - 5.12 in Length	3/4	I20565939	24
21	<SM253> GATE VALVE API-600 ASME300 A216-WCB - 13CR HFS RF BB,OS&Y - -	4	I21060594	1



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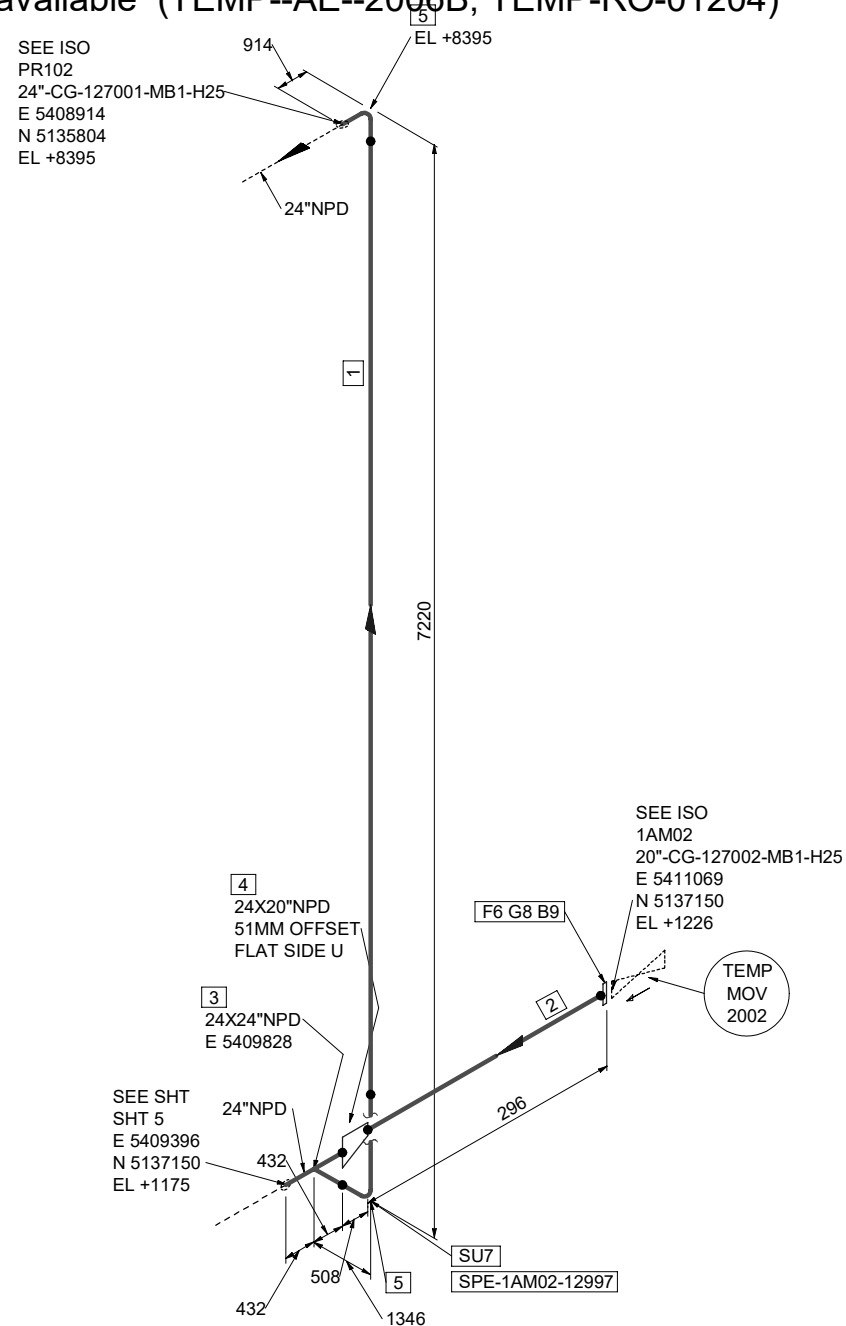
PFA REQUIREMENT : Y

PFA PACKAGE NAME : CG-126007





Instrument RDB not yet available (TEMP-MOV-2003, TEMP-ZV-2019)
Piping specialty Item not yet available (TEMP--AE--2006B, TEMP-RO-01204)



NOTE :

PIPING SPEC : MB1	INSULATION SPEC : H25	PAINT CLASS : 4-3/4-4	
AREA CODE : 1AM02	LINE ID : CG-127001	P&ID NUMBER : 12700	DRAWING 6 OF 6

Bangladesh Chemical Industries Corporation				GPUFP PROJECT		
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SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
1	PIPE A672-C65-CL12 EFW BE -- SCH40	24	I21050252	5.4 M
2	PIPE A672-C65-CL12 EFW BE -- SCH40	20	I21050102	0.3 M
3	BW TEE -- BW A234-WPBW --- ASME-B16.9 SCH40	24X24	I21056264	1
4	BW ECC REDUCER -- BW A234-WPBW --- ASME-B16.9 SCH40 x SCH40	24X20	I21060704	1
5	90 LONG ELBOW -- BW A234-WPBW --- ASME-B16.9 SCH40	24	I21052577	2
6	SO FLANGE A105 -- ASME300 SO RF -- ASME-B16.5	20	I20852056	1
PIPE SUPPORTS				
7	SPECIAL PIPE SUPPORT	24	SPE-1AM02-12997	1
OTHER THAN SHOP MATERIALS /				
No	Description	NPS	Ident	Qty
8	GASKET V-6596 SP-WD GR.316+GRAFOIL I-316SS,O-CS OR EQ. ASME300 (4.5T) -	20	I17480558	1
9	STUD BOLT&NUT HEAVY NUT A193-B7/A194-GR.2H ---- 8.66 in Length	1.1/4	I20566393	24