



REVISIONS		DATE		BY		DESCRIPTION	
1	3-16-79	FINAL	11/20/78	G	OF MAN	ISSUE	11/20/78
2	10-31-79	AS-BUILT	9-5-80	J	FIELD	CHANGES	9-5-80
3	1-6-78	GENERAL REVISION	1-6-78	D	GENERAL REVISION		1-6-78
4	1-6-78	GENERAL REVISION	1-6-78	D	GENERAL REVISION		1-6-78
5	1-11-77	REDRAWN	1-11-77	C	REDRAWN		1-11-77
6	5-18-77	FOR CLIENT COMMENTS	5-18-77	B	FOR CLIENT COMMENTS		5-18-77
7	1-13-77	ISSUED ONLY FOR DEFINITIVE ESTIMATE	1-13-77	A	ISSUED ONLY FOR DEFINITIVE ESTIMATE		1-13-77

  

ITEM NO.	SERVICE	ITEM NO.	SERVICE
1	COOLING WATER SUPPLY (GLYCOL-WTR)	1	STEAM CONDENSATE
2	COOLING WATER RETURN (GLYCOL-WTR)	2	TREATED WATER
3	150 P.H.P. STEAM	3	DRINKING WATER
4	150 P.H.P. STEAM	4	FUEL OIL (NAPHTHA)
5	150 P.H.P. STEAM	5	FUEL GAS (NATURAL GAS)
6	150 P.H.P. STEAM	6	CLEAN WATER SEWER
7	150 P.H.P. STEAM	7	FLUSHING OIL
8	150 P.H.P. STEAM	8	TO ATMOSPHERE
9	150 P.H.P. STEAM	9	CAN START-UP GAS
10	150 P.H.P. STEAM	10	PIPELINE GAS (NAT. GAS)
11	150 P.H.P. STEAM	11	RAW WATER
12	150 P.H.P. STEAM	12	FUEL GAS (STRETFOOD)
13	150 P.H.P. STEAM	13	SOUR WATER
14	150 P.H.P. STEAM	14	PRESSURIZATION AIR
15	150 P.H.P. STEAM	15	PROCESS CONDENSATE
16	150 P.H.P. STEAM	16	150 BEAM CONDENSATE
17	150 P.H.P. STEAM	17	INERT GAS (CO2)
18	150 P.H.P. STEAM	18	BOILER FEED WATER

  

ITEM NO.	SERVICE	ITEM NO.	SERVICE
1	SG-301A	1	SG-301A
2	ALUX STA	2	ALUX STA
3	BLUWDOWN DRUM	3	BLUWDOWN DRUM
4	6" OXIC-O"	4	6" OXIC-O"
5	27 P.S.I.G./260 F	5	27 P.S.I.G./260 F
6	460 P.S.I.G./700 F	6	460 P.S.I.G./700 F
7	0 P.S.I.G./212 F	7	0 P.S.I.G./212 F
8	TD 3/10 TO 21	8	TD 3/10 TO 21
9	CS	9	CS
10	YES (HC)	10	YES (HC)
11	NO	11	NO
12	NO	12	NO

  

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**PHILADELPHIA GAS WORKS**  
 ENGINEERING DEPT. PHILADELPHIA, PA.  
 12-A-185  
 APPROVED

ITEM NOS. THIS DWG.  
 SG-301A  
 ST-301A  
 B-301A  
 D-308

ENGINEERING FLOW DIAGRAM  
 SECTION 300-SUPPORT FACILITIES  
 STEAM GENERATION  
 60MM SCFD S.V. PLANT  
 PHILADELPHIA GAS WORKS  
 PHILADELPHIA, PENNSYLVANIA

CONTRACT NUMBER 15-1779  
 Dwg. No. 1779-1-50-21