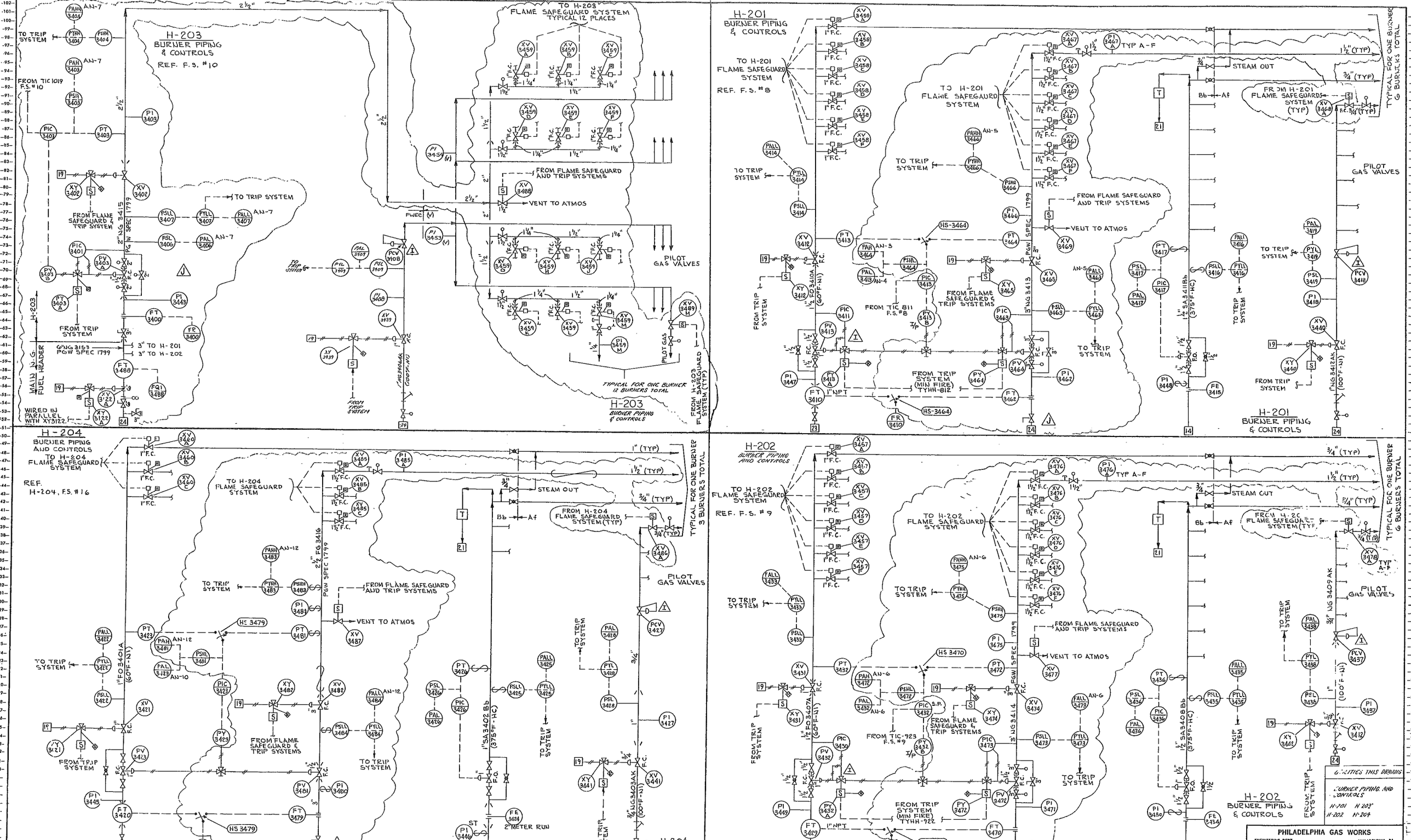

LEGEND									
CW COOLING WATER SUPPLY (GLYCOL-WTR)	16 # DESUPERHEATED STEAM	CONDENSATE (STEAM)	OILY OR DIRTY WATER SEWER	PUMPOUT	GAS START-UP GAS	PROCESS CONDENSATE	15# STEAM CONDENSATE		
CR COOLING WATER RETURN (GLYCOL-WTR)	PW POTABLE WATER	TW TREATED WATER	CW CHEMICAL WASTES	PG PURGE GAS (NITROGEN)	PG PIPELINE GAS (NAT. GAS)	RW RAW WATER			
450 # H.P. STEAM	PA PLANT AIR	FO FUEL OIL (NAPHTHA)	SS SANITARY SEWER	BD BLOWDOWN		FG FUEL GAS (STRETFORD)			
150 # ATOMIZING STEAM	IA INSTRUMENT AIR	FG FUEL GAS (NATURAL GAS)	FW FIRE WATER	FL FLARE		SW SOUR WATER			
50 # L.P. STEAM		CW CLEAN WATER SEWER	FO FLUSHING OIL	TA TO ATMOSPHERE	BF BOILERFEED WATER	PA PRESSURIZATION AIR			

NOTES

1. FOR GENERAL NOTES, ETC., SEE F.S. #1.

ITEM NO.	H-201	H-202	H-203	H-204
SERVICE	NAPHTHA OR NAT GAS FUEL	NAPHTHA OR NATURAL GAS FUEL	NAT GAS FUEL	NAPHTHA OR STRETFORD GAS FUEL
DUTY MMBTU/HR.	67.09	58.22	27.94	5.81
FUEL INPUT				
GAS (NORMAL)	72.78 MMBTU/HR @ 15.5 PSIG	46.20 MMBTU/HR @ 14 PSIG	32.40 MMBTU/HR @ 11.5 PSIG	10.20 MMBTU/HR @ 11 PSIG
GAS (MAXIMUM)	87.36 MMBTU/HR @ 20 PSIG	55.44 MMBTU/HR @ 20 PSIG	39.00 MMBTU/HR @ 16 PSIG	13.56 MMBTU/HR @ 20 PSIG
NAPHTHA (NORMAL)	72.78 MMBTU/HR @ 104 PSIG	46.20 MMBTU/HR @ 100 PSIG		10.20 MMBTU/HR @ 64 PSIG
NAPHTHA (MAXIMUM)	87.36 MMBTU/HR @ 114 PSIG	55.44 MMBTU/HR @ 113 PSIG		13.56 MMBTU/HR @ 76 PSIG

REVISIONS																
J	9/6/78	PER W.O. 801582	I	12/29/77	FIELD CHANGES	H	11-15-79	AS-BUILT	G	3-16-79	FINAL	F	OR MAN. ISSUE 7/20/78	E	12-28-77	RELEASED FOR ERECTION
D	9-29-77	BURNER FUEL SHUTOFF	C	7-21-77	BACK CHECKED NOT SHOWN	B	4-8-77	GENERAL REVISION	A	1-13-77	DEFINITIVE ISSUE					

ER-EFF-SBC 7/78 R.K. R.R. T.W.

PHILADELPHIA GAS WORKS
ENGINEERING DEPT. PHILADELPHIA, PA.

W.O. | PGW DWG. NO.
APPROVED | 12-A-198

ITEM NOS. THIS DWG.
BURNER PIPING & CONTROLS FOR
H-201
H-202
H-203
H-204

This Drawing is the Property of the
FOSTER WHEELER ENERGY CORPORATION
110 SOUTH ORANGE AVENUE, LIVINGSTON, N.J.
AND IS LENT WITHOUT CONSIDERATION OTHER THAN THE CONFIDENCE REQUIRED. IT MUST NOT BE RE-PRODUCED, COPIED, LENT, OR DISPOSED OF DIRECTLY OR INDIRECTLY NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED. THE APPARATUS SHOWN IN THE DRAWING IS COVERED BY PATENTS.

UTILITY FLOW DIAGRAM
PROCESS AREA SECTION 200
60MM SCFD SNG PLANT
PHILADELPHIA GAS WORKS
PHILADELPHIA PENNSYLVANIA

EST. NO. | DRAWN BY. R.R. 1-7-77 CH. J.C. 1-7-77
CONTRACT NUMBER 15-1779 | DWG. NO. - 1779-1-50-34 | J

THIS DRAWING SUPERSEDES