



**NOTE:**  
 FIRE WATER  
 PIPES OUTSIDE BUILDING & ABOVE  
 GROUND MUST BE INSULATED & ELECTRICALLY TRACED  
 LIKE PIPES NEXT TO WALL OR  
 PIPES BELOW BUILDING FLOOR.

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

COOLING WATER SUPPLY (CLTCL-WTR)	15# TEMPERATED STEAM	STEAM CONDENSATE	OILY OR DIRTY WATER SEWER	PUMP/OUT	CAS START-UP GAS	PROCESS CONDENSATE	#15 STEAM CONDENSATE
COOLING WATER RETURN (CLTCL-WTR)	POTABLE WATER	TREATED WATER	CHEMICAL WASTE	PURGE GAS (NITROGEN)	PIPELINE GAS (PAT. GAS)	RAM WATER	
#1# P. STEAM	PLANT AIR	FUEL OIL (FAT. GAS)	SANITARY SEWER	BLOWDOWN	INERT GAS (O2)	FUEL GAS (STRETFORD)	
SANITARY SEWER	INSTRUMENT AIR	FIRE WATER	FIRE WATER	FLARE	SOUR WATER	SOUR WATER	
#6 # L.P. STEAM	CLEAN WATER SEWER	CLEAN WATER SEWER	CLEAN WATER SEWER	TO ATMOSPHERE	BOILER FEED WATER	PRESSURIZATION AIR	

ITEM NO.	P-327A	SPARE FOR P-327A	P-325A	P-325B	P-328	P-332
DESCRIPTION	FIRE WATER BOOSTER PUMP	FIRE WATER BOOSTER PUMP	FIRE WATER BOOSTER PUMP	FIRE WATER BOOSTER PUMP	FIRE WATER BOOSTER PUMP	JACKET PUMP
S.G. AT FT.	1.0	1.0	1.0	1.0	1.0	1.0
DES. G.P.A. AT FT.	500	500	7000	100	500	500
DES. DIFF. PSI.	107	107	125	100	100	100
MAXIMUM PSI.	203	203	130	130	130	130
MATERIAL	CS	CS	CS	CS	CS	CS
INSULATION	NI	NI	NI	NI	NI	NI

**PHILADELPHIA GAS WORKS**  
 ENGINEERING DEPT. PHILADELPHIA, PA.  
 W.D. FOW D.W. NO.  
 APPROVED 12-A-182

ITEM NOS. THIS DWG.  
 P-327A/B  
 P-328  
 P-325A  
 P-325B  
 P-332

**FOSTER WHEELER ENERGY CORPORATION**  
 110 SOUTH GRANGE AVENUE, LIVINGSTON, N.J.  
 AND IS LENT WITHOUT CONSIDERATION OTHER THAN THE  
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 THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED.  
 THE APPARATUS SHOWN IN THE DRAWING IS COVERED BY  
 PATENTS.

ENGINEERING FLOW DIAGRAM  
 SECTION 300 SUPPORT FACILITIES  
 FIRE WATER - CITY WATER SUPPLY  
 60MM SCFD SNG PLV.  
 PHILADELPHIA GAS WORKS

PHILADELPHIA PENNSYLVANIA  
 EST. NO. 15-1779  
 CONTRACT NUMBER 15-1779  
 DRAWN BY 12-27-77  
 DWG. NO. 1779-1-50-18