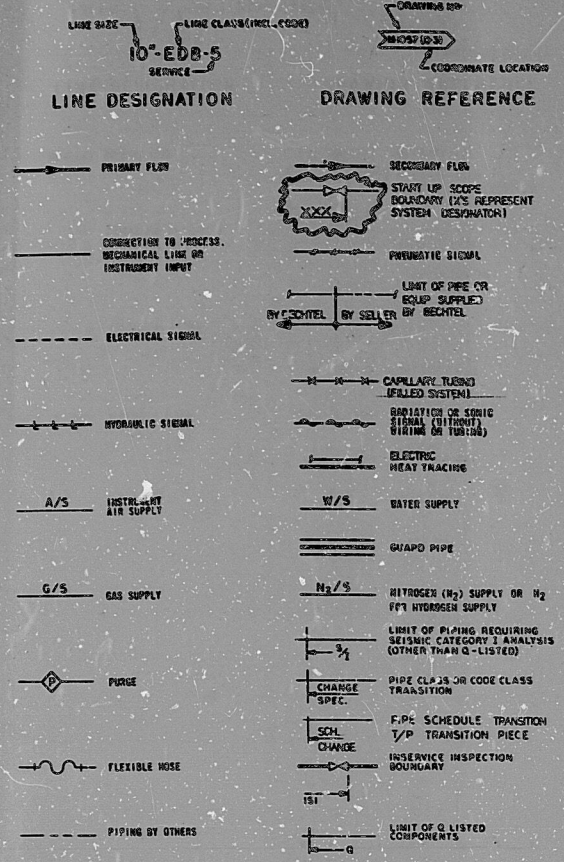
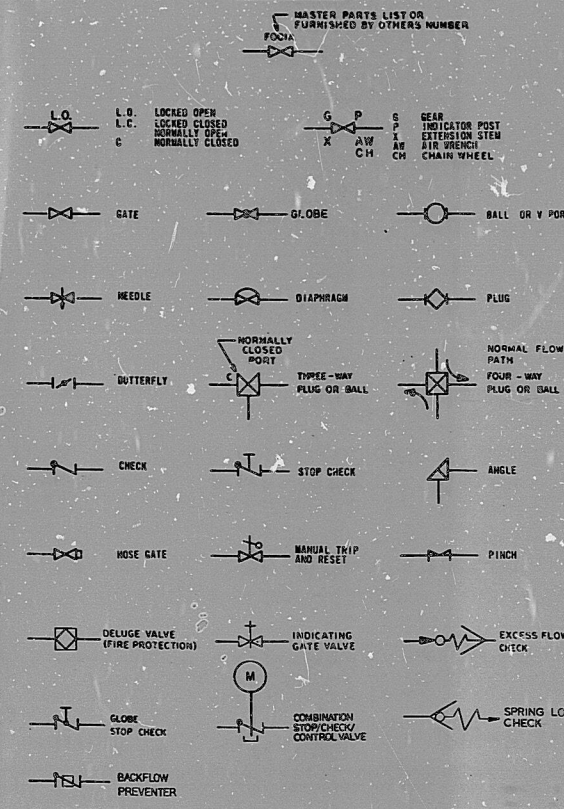


LINE

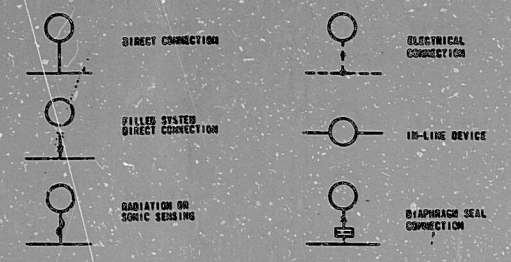


VALVES

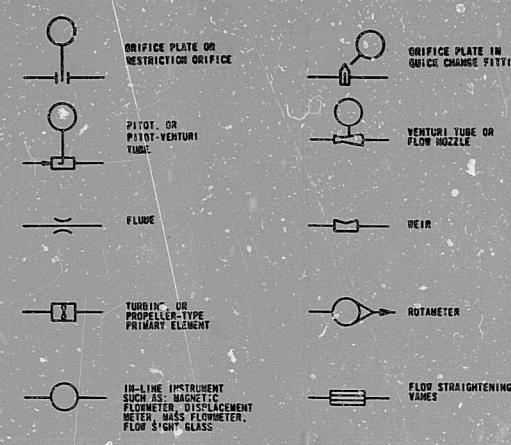


VARIABLES

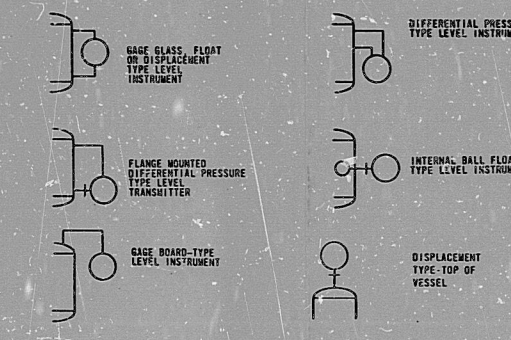
TYPICAL CONNECTION-ANY VARIABLE



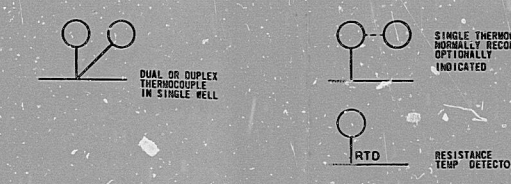
FLOW



LEVEL

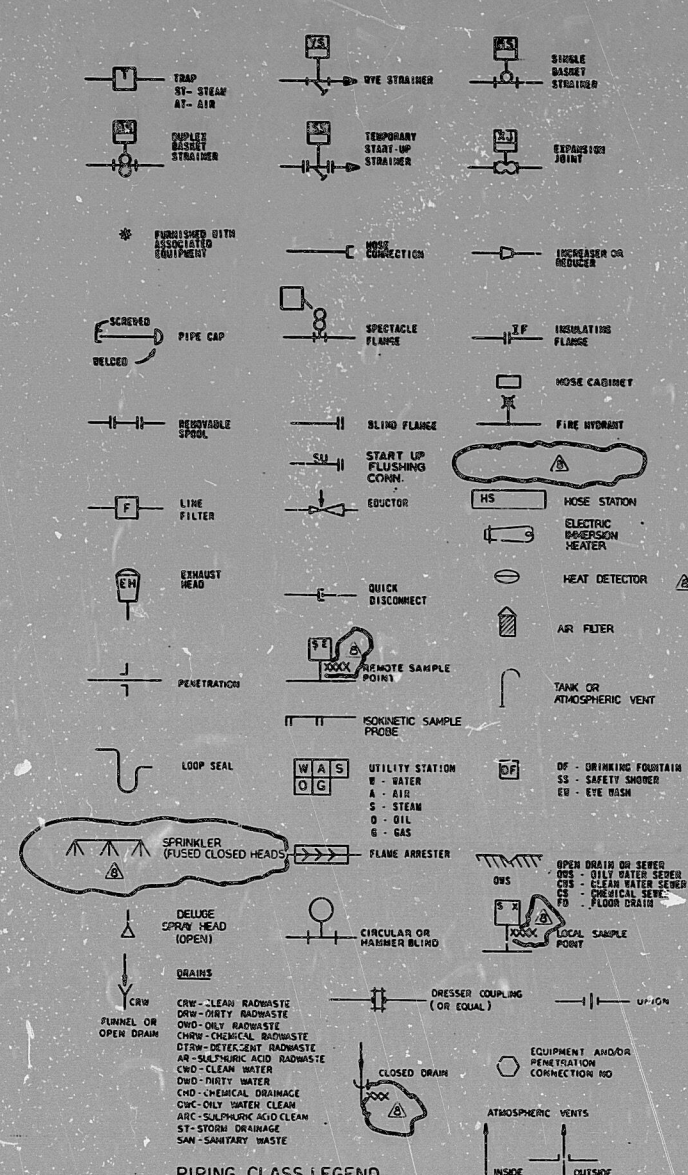


TEMPERATURE



1. VALVE SIZE AND/OR VALVE MATERIAL CLASSIFICATION WILL APPEAR ONLY IF SIZE DIFFERS FROM LINE SIZE AND/OR IF MATERIAL CLASSIFICATION DIFFERS FROM THAT SHOWN IN SPEC 9645-NS-03
2. FOR PIPING AND MATERIAL, SPEC. SHEET SEE SPEC. NO. 9645-MS-03.
3. FOR VALVE IDENTIFICATION SEE SPEC. NO. 9645-MS-01.
4. FOR EQUIPMENT NUMBER SEE EQUIPMENT LIST DOCUMENT NO. 9645-A01-S05.
5. FOR INSTRUMENT LIST SEE INSTRUMENT INDEX.
6. ALL INSTRUMENTS AND/OR INCLUDING ROOT VALVES WILL BE SHOWN ON INSTRUMENT INSTALLATION DRAWINGS.
7. SERIES M-00 NUMBER INDICATES A SYSTEM COMMON TO BOTH UNITS.
8. SERIES M-1000 NUMBER INDICATES A UNIT 1 SYSTEM.
9. THE SAME DRAWING TITLES APPLY TO UNIT 2, BUT NUMBERS WILL BE M-2000 SERIES.
10. FOR HVAC SYMBOL LEGEND SEE DRAWING M-0047A
11. PIPING THAT IS UPGRADED FROM ANSI B31.1 TO ASME SECTION III BECAUSE IT PENETRATES A "Q" LISTED WALL AND THEN CHANGES BACK TO ANSI B31.1, DOES NOT REQUIRE ASME CODE STAMPING. THIS PERTAINS TO PENETRATIONS NOT RELATED TO THE DRYWELL OR CONTAINMENT STRUCTURES.

SPECIALTIES & MISCELLANEOUS SYMBOLS



PIPING CLASS LEGEND

PIPING CLASSES ARE DESIGNATED BY A THREE LETTER CODE. THE FIRST LETTER INDICATES THE PRIMARY PRESSURE RATING. THE SECOND LETTER, THE TYPE OF MATERIAL; THE THIRD LETTER, THE CODE TO WHICH THE PIPING IS DESIGNED.

FIRST LETTER-FLANGE RATING
C-150°, D-90°, E-60°, F-40°, G-300°, H-150°, J-125°, K-175° WOG,
L-250°, X-GRAVITY RATING, Y-GENERAL USE AS DESIGNATED ON
PIPING CLASS SHEETS.

SECOND LETTER-MATERIAL

A-ALLOY STEEL, B-CARBON STEEL, C-AUTITENITIC STEEL, D-COPPER OR BRONZE.
E-ALUMINUM, F-CARBON STEEL-COPPER BEARING, G-CARBON STEEL-SARAN
LINED, H-CAST IRON, I-CONCRETE PIPE, K-PVC, L-VITRIFIED CLAY PIPE,
M-NON-FERROUS METAL, N-STEEL GALVANIZED, P-CAST IRON-CEMENT LINED,
R-CARBON STEEL-EPOXY LINED, S-DUCTILE CAST IRON-CEMENT LINED,
T-CARBON STEEL-IMPACT TESTED

THIRD LETTER-DESIGN CODE

A-ASME BOILER AND PRESSURE VESSEL CODE, SECTION III, CLASS 1.
B-ASME BOILER AND PRESSURE VESSEL CODE, SECTION II, CLASS 2.
C-ASME BOILER AND PRESSURE VESSEL CODE, SECTION II, CLASS 3.
D-POWER PIPING CODE ANSI B 31.1 (SEE NOTE BELOW)
E-NATIONAL FIRE PROTECTION CODE.
F-INTERNATIONAL PLUMBING CODE.

RADIATION ZONING FOR 2" & SMALLER PIPE IS CLASSIFIED AS FOLLOWS:

I-E": HIGHLY RADIOACTIVE

NOTE: JDD MATERIAL SHALL COMPLY WITH THE SOUTHERN STANDARD PLUMBING CODE.

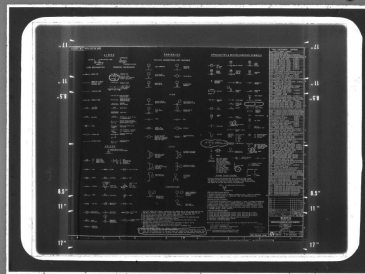
PIPING & INSTRUMENT DIAGRAMS
WOLFE 2/P & I D 16000 (2 SHEETS)

[illegible][illegible]

NAME	DATE	EDITION	ISSUE NO.	UNIT NO.
 BECHTEL GAITHERSBURG, MARYLAND				
MISSISSIPPI POWER & LIGHT COMPANY SEASO OIL FUELS PLANT UNIT 1 & 2 P & I DIAGRAM LEGEND UNITS 1 & 2				
	JOB NO.	ISSUING NO.	REV.	
	9645	M-0030A	8	

#1

REDS-PDR



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