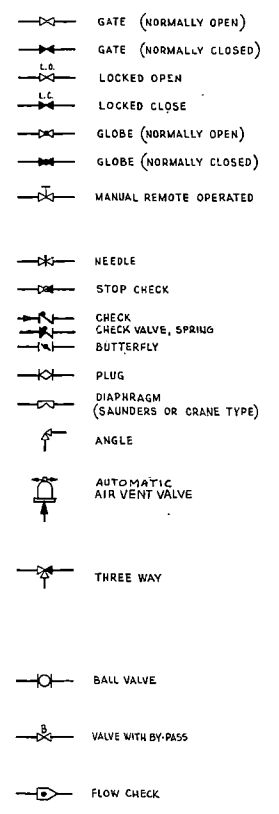


H  
G  
F  
E  
D  
C  
B  
A

VALVE SYMBOLS



MISCELLANEOUS

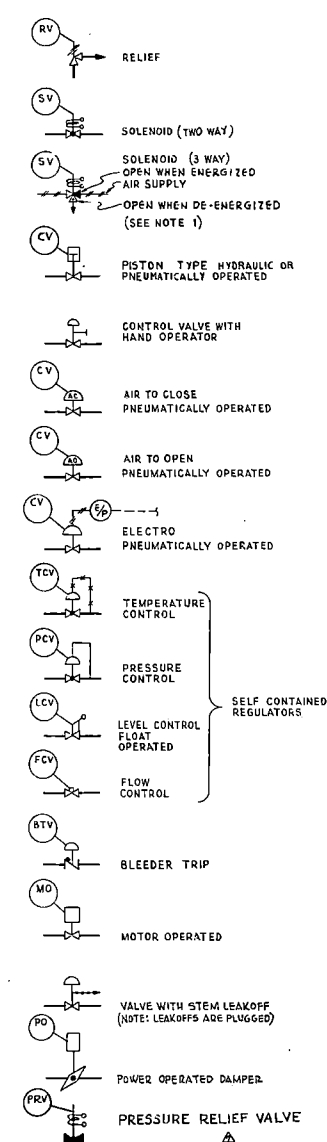
- CONTAINMENT PENETRATION NUMBER
- FURNISHED BY COMBUSTION ENGINEERING
- \* FURNISHED WITH ASSOCIATED EQUIPMENT
- WESTINGHOUSE PIPING
- DESIGNATION FOR NOZZLE ON CONDENSER
- ① TURBINE MFR'S DESIGNATION FOR PURCHASER'S CONNECTION
- 1/2 AIR SUPPLY
- HS MANUAL SWITCH
- AW AIR WRENCH OPERATED
- FAI FAIL AS IS
- FC FAIL CLOSE
- FO FAIL OPEN
- DRAINS
- DPCT DRAINS TO PRIMARY COOLANT DRAIN TANK
- DEDT DRAINS TO EQUIPMENT DRAIN TANK
- DDWH DRAINS TO DIRTY WASTE HEADER

- VENTS
- V VENTS TO ATMOSPHERE
- VCH VENTS TO CONTAINMENT VENT HEADER
- VCH VENTS TO GAS COLLECTION HEADER
- VVD VENTS TO VACUUM DEGASIFIER TANK
- VQT VENTS & RELIEFS TO QUENCH TANK

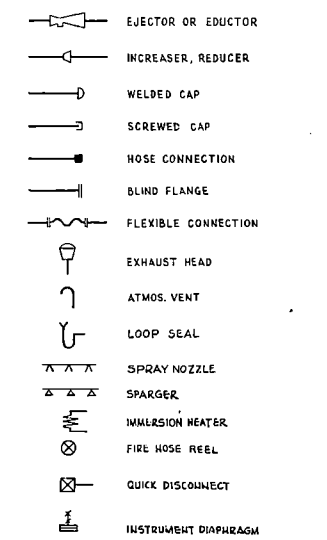
- CONTROL SIGNALS
- NIS NUCLEAR INSTRUMENTATION SYSTEM
- SIS SAFETY INJECTION SIGNAL
- RMS REACTOR REGULATING SYSTEM
- DSA DESIGN BASIC ACCIDENT
- CHP CONTAINMENT HIGH PRESSURE
- CHR CONTAINMENT HIGH RADIATION

- MISCELLANEOUS ABBREVIATIONS
- CVC5 CHEMICAL & VOLUME CONTROL SYSTEM
- SIWV SAFETY INJECTION & REFUELING WATER TANK
- N2 NITROGEN
- H2 HYDROGEN

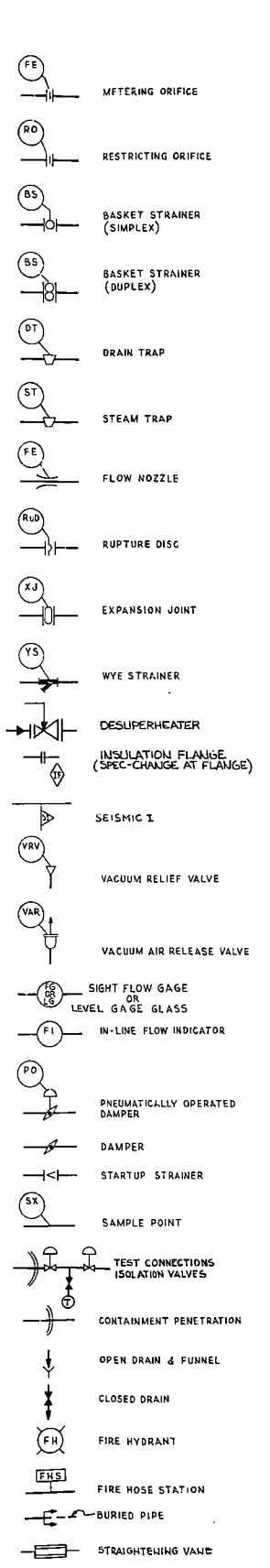
CONTROL VALVE SYMBOLS



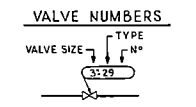
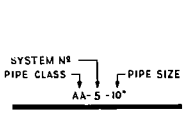
PIPING SYMBOLS



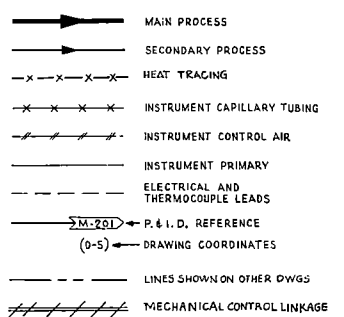
PIPING SYMBOLS



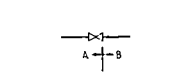
LINE NUMBERS



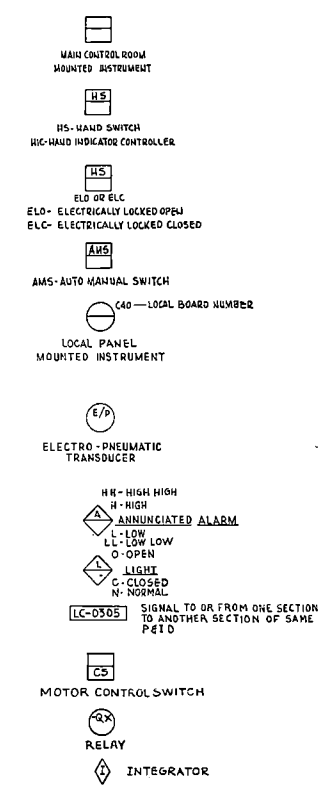
VALVE NUMBERS



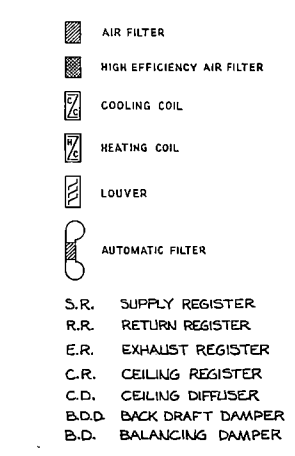
TYPICAL NOTATION



INSTRUMENTATION



HEATING & VENTILATION SYMBOLS



PIPING & INSTRUMENT DIAGRAMS

LEGEND
M-200
M-201
M-202
M-203
M-204
M-205
M-206
M-207
M-208
M-209
M-210
M-211
M-212
M-213
M-214
M-215
M-216
M-217
M-218
M-219
M-220
M-221
M-222
M-223
M-224
M-225
M-226
M-650
M-651
M-652
M-653
M-654
M-655
M-656
M-657
M-658
M-659

\* SUFFIX "A" IS USED FOR ALARM SWITCHES, RECORDERS AND OTHER INSTRUMENTS.

- NOTES:
- 1) SOLENOID VALVES ARE SHOWN IN DE-ENERGIZED POSITION. N.E. DENOTES SOLENOID IS NORMALLY ENERGIZED DURING PLANT OPERATION. N.D. DENOTES NORMALLY DE-ENERGIZED.
- 2) REFER TO DWG NO. 5935-M-201 FOR MASTER VALVE LIST
- 5935-M-200 FOR PIPING CLASSIFICATION SHEETS
- 5935-M-250 FOR MASTER EQUIPMENT LIST

REVISIONS
1
2
3
4
5
6
7
8
9
10

BECHTEL COMPANY

PALISADES PLANT

CONSUMERS POWER COMPANY

PIPING & INSTRUMENT DIAGRAM

LEGEND

5935 M-200 7