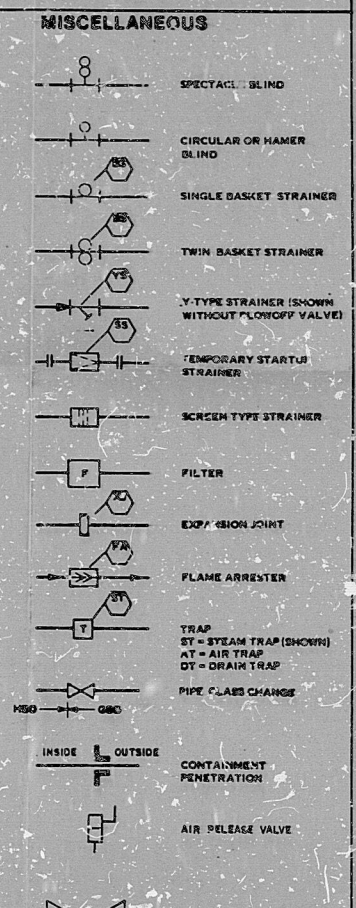
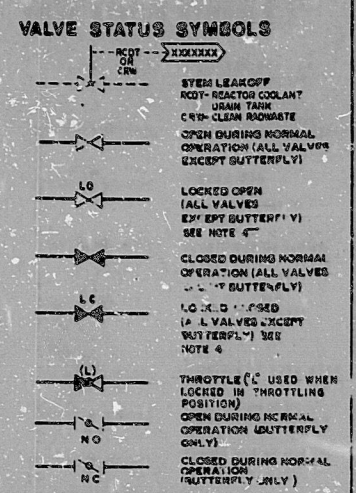
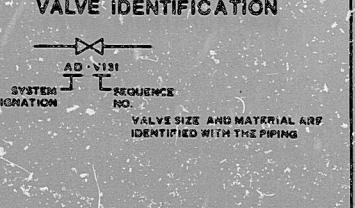
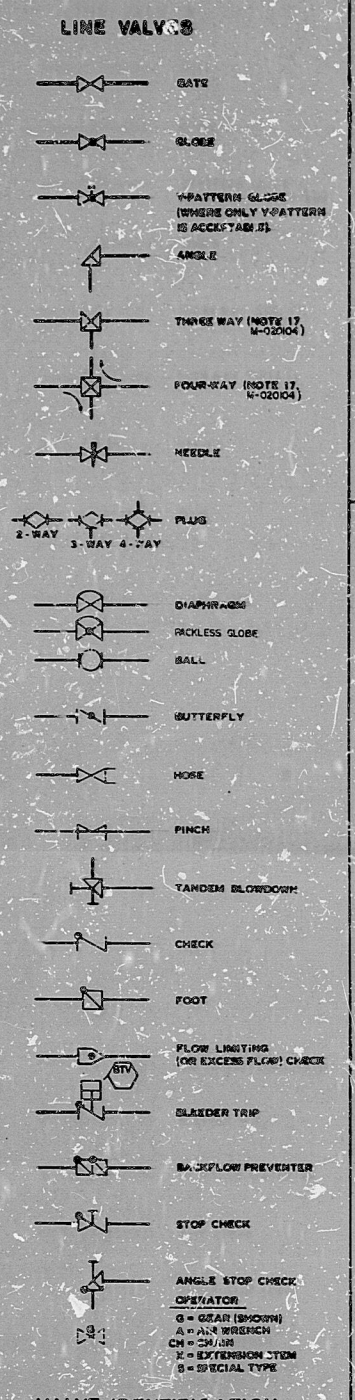
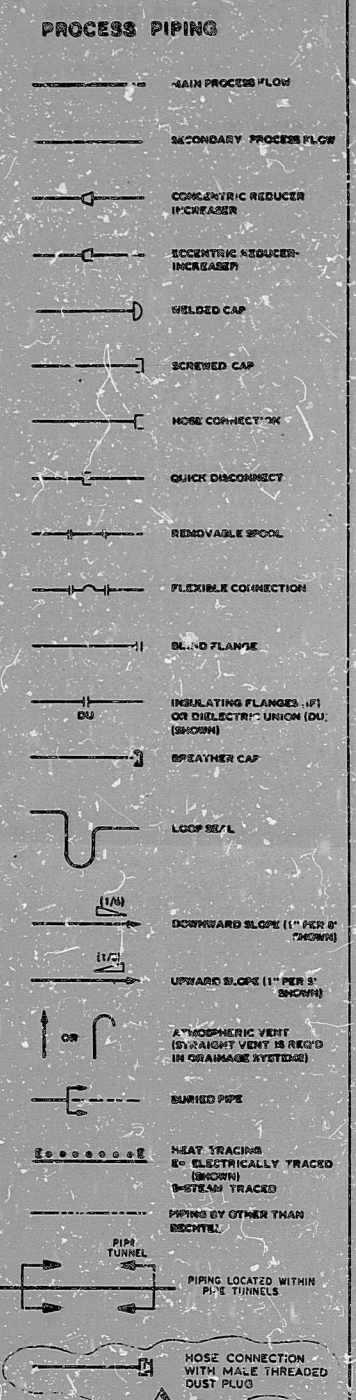
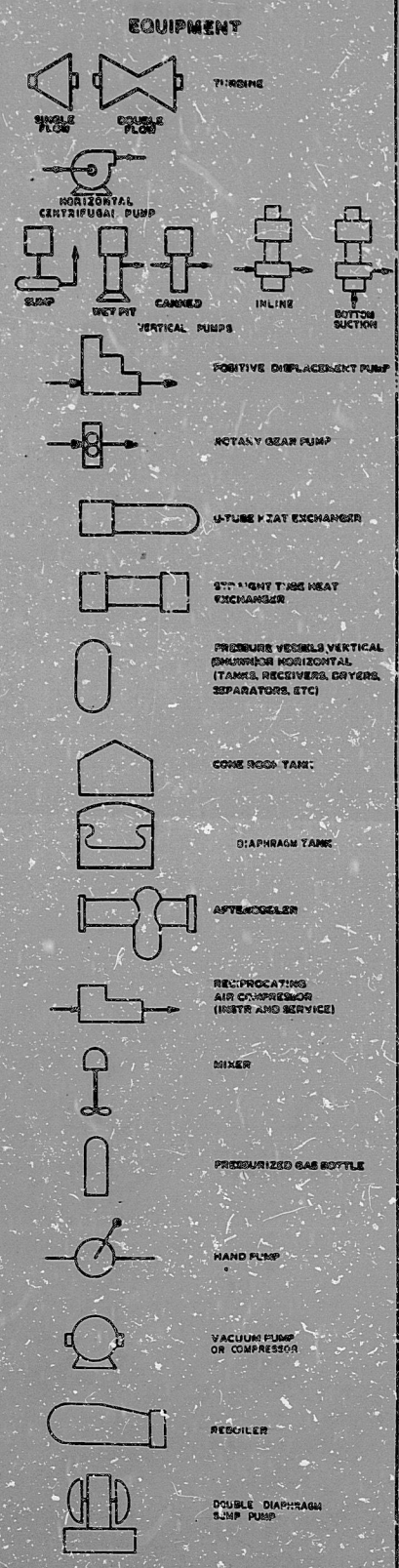


M-02002



PIPING IDENTIFICATION

LINE IDENTIFICATION NUMBER WILL BE AS FOLLOWS

PLANT UNIT NO. - SYSTEM DESIGNATOR

AD - 107 - 100 - 01

PIPE CLASS - 1

GENERAL NOTES

- LINE NUMBER AND SYSTEM DESIGNATOR WILL BE ASSIGNED IN ACCORDANCE WITH STANDARD INSTRUMENTATION PROCEDURES LINE NUMBERS ABOVE 900 WILL BE INDICATED BY A LETTER FOLLOWED BY NUMBERS (E-G AND H).
- UNIT NUMBER AND SYSTEM DESIGNATOR WILL APPEAR IN THE P & ID TITLE BLOCK AND NOT BE REPEATED ON THE LINES.
- PIPE AND VALVE CLASSES ARE DESIGNATED BY THREE LETTER CODES. THE FIRST LETTER INDICATES THE PRIMARY VALVE & PLANS RATING, THE SECOND LETTER THE TYPE OF MATERIAL AND THE THIRD LETTER THE CODE TO WHICH THE PIPING IS DESIGNATED. AS FOLLOWS:

FIRST LETTER - PRIMARY PRESSURE RATING (UNLESS OTHERWISE NOTED) ALL RATINGS ARE IN ACCORDANCE WITH ASME B31.1

A - SPECIFIC PRESSURE & SPECIFIC TEMPERATURE

B - 2500 #

C - 1500 #

D - 900 #

E - 600 #

F - 300 #

G - 150 #

H - 125 # ASME B16.1

I - 175 # WOOD UNDERWRITERS LAB. INC.

L - 250 # ASME B16.1

M - 200 # WOODS

N - 150 # ASME B16.1

P - 100 # ASME B16.1

R - 75 # ASME B16.1

S - 50 # ASME B16.1

T - 25 # ASME B16.1

Z - QUALITY RATING

Y - Z - GENERAL USE AS DESIGNATED ON PIPING CLASS SHEETS

SECOND LETTER - MATERIAL

A - ALLOY

B - CARBON STEEL

C - ALTERNATIVE STAINLESS STEEL

D - COPPER, BRASS, OR BRONZE

E - ALUMINUM

F - CARBON STEEL COPPER BEARING

G - CARBON STEEL LINED

H - CAST IRON

J - CONCRETE PIPE

K - VITRIFIED CLAY PIPE

L - CARBON STEEL IMPACT TESTED

M - CAST IRON IMPACT TESTED

N - CARBON STEEL GALVANIZED

O - CAST IRON GALVANIZED

P - ASBESTOS-CEMENT

Q - DUCTILE IRON

R - 900 # CLASS

S - SPECIAL MATERIAL. SEE CLASS SHEET

THIRD LETTER - APPLICABLE CODES

A - NUCLEAR POWER PLANT COMPONENTS ASME B & PV CODE, SEC. III, CLASS I

B - NUCLEAR POWER PLANT COMPONENTS ASME B & PV CODE, SEC. III, CLASS II

C - NUCLEAR POWER PLANT COMPONENTS ASME B & PV CODE, SEC. III, CLASS III

D - POWER PIPING CODE, ASME B31.1

E - NATIONAL FIRE PROTECTION ASSOCIATION CODE

F - NATIONAL AND JOINT ADMINSTRATIVE PLUMBING CODE

G - POWER BOILERS, ASME B31 CODE, SEC. I

H - ASME STANDARDS

4 - TUBING AND INSTRUMENT VALVE CLASSES ARE PROVIDED ON DRAWING 10466 - J - 07010.

5 - LO/LE/LI INDICATES THAT THE VALVE IS PHYSICALLY SECURED OR ADMINISTRATIVELY MAINTAINED IN THE OPEN/CLOSED/INTERMEDIATE POSITION.

TI APERTURE CARD

FOR ALL CONTRACTS OF THE COMPANY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.

Professional Engineer Seal: JOHN W. BECHTEL, INC. ENGINEER

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Professional Engineer Seal: JOHN W. BECHTEL, INC. ENGINEER

NO.	DATE	REVISIONS
1	10/1/66	ISSUED FOR CONSTRUCTION
2	10/1/66	REVISED TO REFLECT CHANGES
3	10/1/66	REVISED TO REFLECT CHANGES

BECHTEL
ENGINEERING AND ARCHITECTURE

SNUPPS

SYMBOLS AND LEGEND FOR SYSTEM FLOW AND PIPING AND INSTRUMENTATION DIAGRAMS

NO.	DATE	REVISIONS
1	10/1/66	ISSUED FOR CONSTRUCTION
2	10/1/66	REVISED TO REFLECT CHANGES
3	10/1/66	REVISED TO REFLECT CHANGES

10466 M-02002 3

Review Level 1

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PDR RLL

