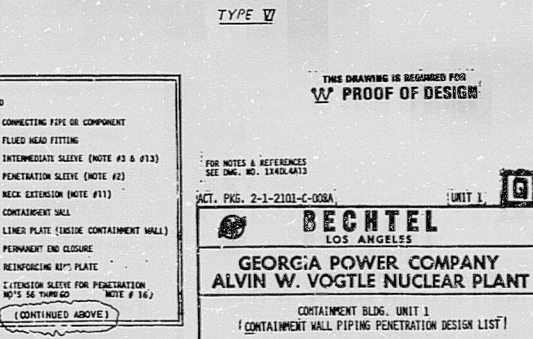
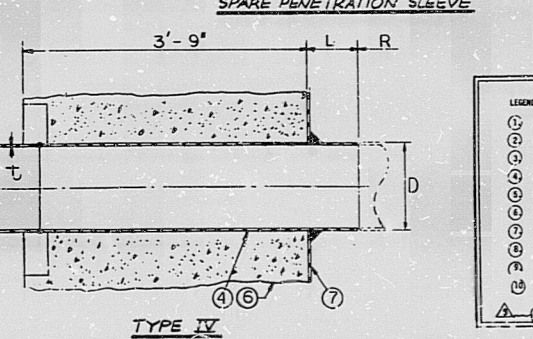
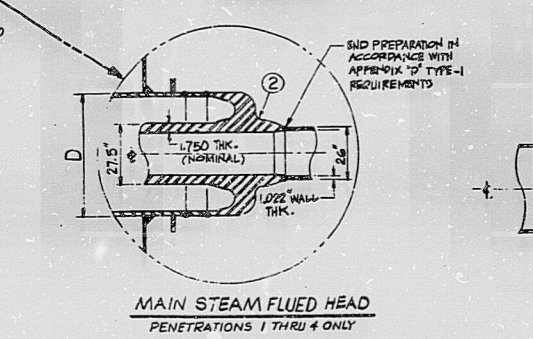
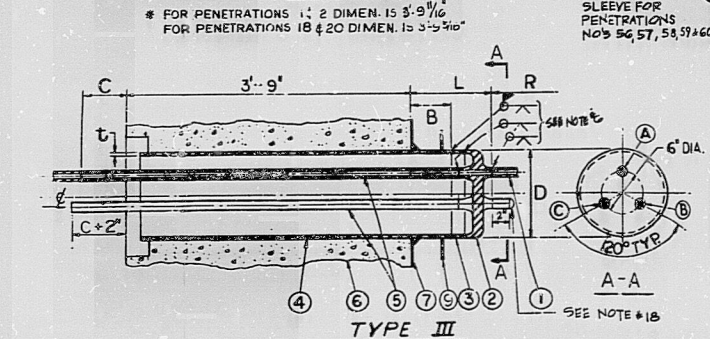
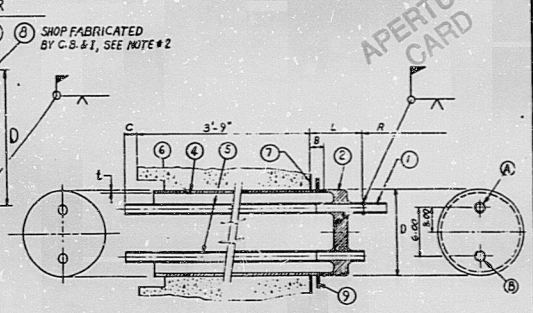
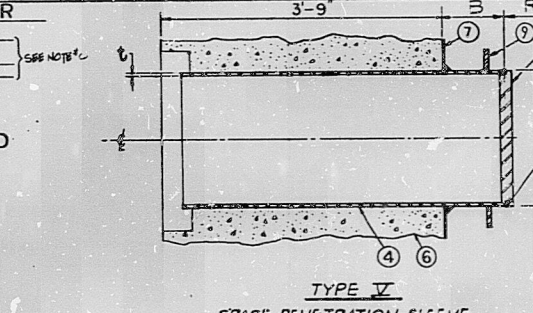
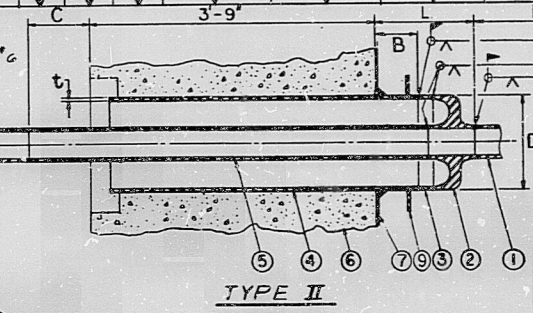
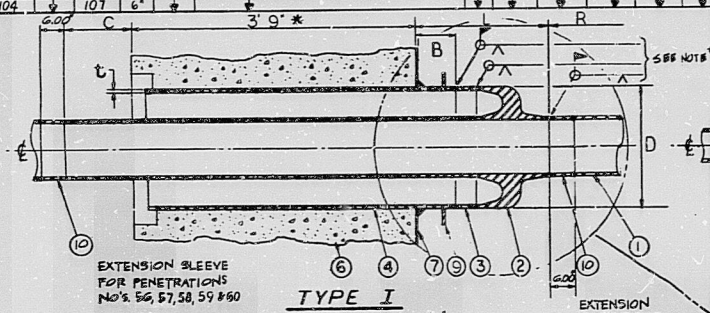


| PEN. TRATION |        | LINE NO. | NOM. SIZE | PIPE SPEC. | SYSTEM DESCRIPTION                          | TYPE | MAX. PRESS. (PSIG) (°F) | NORM. OPERATING TEMP (°F) | MAX. DESIGN TEMP (°F) | PIPE O.D. (INCH) | PIPE I.D. (INCH) | WALL THK. | MATERIAL (A.S.M.E. SPEC. NO.)<br>(SEE NOTE #15) |                              |                       |                      | PENETRATION ASSEMBLY DIMENSIONS (INCHES)<br>(SEE NOTE #15) |               |        |       |       | EL ELEVATION | EL AZIMUTH | P.C.I.D. DWG. NO. | MECH. DWG. NO. | RADIUS "R" | PEN. TRATION NO. |             |     |
|--------------|--------|----------|-----------|------------|---------------------------------------------|------|-------------------------|---------------------------|-----------------------|------------------|------------------|-----------|-------------------------------------------------|------------------------------|-----------------------|----------------------|------------------------------------------------------------|---------------|--------|-------|-------|--------------|------------|-------------------|----------------|------------|------------------|-------------|-----|
| NO.          | SYSTEM | SEQ.     | NO.       |            |                                             |      |                         |                           |                       |                  |                  |           | ① PIPE REFERENCE                                | ② FILLED HEAD (SEE NOTE #15) | ③ INTERMEDIATE SLEEVE | ④ PENETRATION SLEEVE | L                                                          | B             | C      | D     | t     |              |            |                   |                |            |                  |             |     |
| 1            | 1513   | 002      | 3/4"      | LL1        | CONTAINMENT HYDROGEN MONITOR PS-HMB (OUT)   | III  | VISUAL                  | 80                        | 340                   | 80               | 340              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70A |
| 2            | 1206   | 006      | 1/2"      | LL1        | CONTAINMENT PRESS. INSTR. IPT-0934 (NOTE 7) | III  | VISUAL                  | 0                         | 100                   | 60               | 320              | 0.840     | 0.252                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70B |
| 3            | 1513   | 014      | 3/4"      | LL1        | CONTAINMENT HYDROGEN MONITOR PS-HMA (OUT)   | III  | VISUAL                  | 80                        | 340                   | 80               | 340              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70C |
| 4            | 1206   | 009      | 1/2"      | LL1        | CONTAINMENT PRESS. INSTR. IPT-0935 (NOTE 7) | III  | VISUAL                  | 0                         | 100                   | 60               | 320              | 0.840     | 0.252                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70D |
| 5            | 1204   | 106      | 3/4"      | LL1        | LOOP1 ACCUMULATOR VG-002 SAMPLE             | III  | VISUAL                  | 700                       | 120                   | 700              | 300              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70E |
| 6            | 1206   | 108      | 1/2"      | LL1        | LOOP3 ACCUMULATOR VG-003 SAMPLE             | III  | VISUAL                  | 700                       | 120                   | 700              | 300              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70F |
| 7            | 1204   | 107      | 1/2"      | LL1        | LOOP4 ACCUMULATOR VG-004 SAMPLE             | III  | VISUAL                  | 700                       | 120                   | 700              | 300              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70G |
| 8            | 1204   | 107      | 1/2"      | LL1        | LOOP4 ACCUMULATOR VG-005 SAMPLE             | III  | VISUAL                  | 700                       | 120                   | 700              | 300              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70H |
| 9            | 1204   | 107      | 1/2"      | LL1        | LOOP4 ACCUMULATOR VG-005 SAMPLE             | III  | VISUAL                  | 700                       | 120                   | 700              | 300              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70I |
| 10           | 1204   | 107      | 1/2"      | LL1        | LOOP4 ACCUMULATOR VG-005 SAMPLE             | III  | VISUAL                  | 700                       | 120                   | 700              | 300              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70J |
| 11           | 1204   | 107      | 1/2"      | LL1        | LOOP4 ACCUMULATOR VG-005 SAMPLE             | III  | VISUAL                  | 700                       | 120                   | 700              | 300              | 1.050     | 0.814                                           | SCH 40S                      | SA-312, TP304L        | SA-182, GR304L       | SA-312, TP304L                                             | SA-333, GR. 6 | 12.750 | 6.250 | 6.000 | 12.750       | 0.375      | 210'-1"           | 233°30'46"     | 1X4DB131   | 1X4DL403         | 68'-11 1/2" | 70K |
| 12           | 1204   | 107      | 1/2"      | LL1</      |                                             |      |                         |                           |                       |                  |                  |           |                                                 |                              |                       |                      |                                                            |               |        |       |       |              |            |                   |                |            |                  |             |     |

[illegible]

**LEGEND**

- (1) CONNECTING TYPE OR COMPONENT
- (2) FLUES HAD FITTING
- (3) INTERMEDIATE SLEEVE (NOTE #3 & #13)
- (4) PENETRATION SLEEVE (NOTE #2)
- (5) NECK EXTENSION (NOTE #11)
- (6) CONTAINMENT WALL
- (7) LINER PLATE (EXSIDE CONTAINMENT WALL)
- (8) PERMANENT END CLOSURE
- (9) REINFORCING REIN. PLATE
- (10) EXTENSION SLEEVE FOR PENETRATION NOTE #5 SEE THRU-60 NOTE #16

(CONTINUED ABOVE)

THIS DRAWING IS DESIGNED FOR  
**W** **WORK OF DESIGN**

FOR NOTES & REFERENCES  
SEE TAG. NO. 11420.0413

ACT. PKG. 2-1-2101-C-050A

**BECHTEL**  
LOS ANGELES

**GEORGIA POWER COMPANY**  
**ALVIN W. VOGTE NUCLEAR PLANT**

CURTAINMENT BLDG. UNIT 1  
(CONTAINMENT BLDG. UNIT 1 - PROTECT. GENERATION 1) (SEE 11420.0413)

FOR NOTES & REFERENCES  
SEE DWG. NO. 13402-0413

ACT. PGS. 2-1-2101-0-008A UNIT 1

**BECHTEL**  
LOS ANGELES

**GEORGIA POWER COMPANY**  
**ALVIN W. VOGTLE NUCLEAR PLANT**

CONTAINMENT BLDG. UNIT 1  
(CONTAINMENT AIR-RAISING DECONTAMINATION DESIGN) 11571

|                    |             |      |
|--------------------|-------------|------|
| SCALE: <i>NONE</i> | DRAWING NO. | REV. |
| JOB NO. 6810       | 1204418     | 9    |

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PDR RIDS

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