



| PART NO. | QTY. | PART DESCRIPTION | PROCESS |
|----------|------|-------------------------------------------------------------------|---------|
| P100-1 | 1 | 12 1/2" PEN. ASSEM. WITH (E) P102 | |
| P100-2 | 1 | PIPE 12" O.D. X 1" LG. | |
| P100-3 | 1 | PIPE ADAPTER | |
| P100-4 | 1 | CONTAINMENT INSERT R. 2 1/2" X 2 1/2" O.D. X 1 1/2" I.D. CWPB80-3 | |
| P100-5 | 1 | NAME PLATE R. 1/2" X 2 1/2" X 1/4" LG. | |
| P100-6 | 1 | PIPE 12" O.D. X 1" LG. | |
| P100-7 | 1 | PIPE 12" O.D. X 1" LG. | |
| P100-8 | 1 | PIPE ADAPTER | |
| P100-9 | 1 | CONTAINMENT INSERT R. 2 1/2" X 2 1/2" O.D. X 1 1/2" I.D. CWPB80-3 | |
| P100-10 | 1 | NAME PLATE R. 1/2" X 2 1/2" X 1/4" LG. | |
| P100-11 | 1 | ITEM P100-4 | |

MATERIAL SPECIFICATIONS:

| | |
|------------------|------------------|
| P100-1 & P100-11 | SA 333 GR. 6 |
| P100-2 & P100-7 | SA 508 CLASS 1 |
| P100-3 & P100-8 | SA 240 TYPE 304L |
| P100-4 & P100-9 | SA 516 GR. 70 |

- GENERAL NOTES:**
- FOR CONTAINMENT INSERT & DETAILS SEE DWG. NL-10497
 - FOR PROCESS PIPE DETAILS SEE DWG. NL-10497
 - COLLARS TO BE ALIGNED USING COLLAR JIG
 - FOR SHOP FILED NOTES SEE DWG. NL-10497
 - FILE PROTECTORS TO BE TAPED ON BEFORE SHIPPING AFTER ASSEMBLY AS SHOWN ON DWG. NL-10497
 - AFTER ASSEMBLY ON PENETRATION (P100-1) HYDRO TEST IN ACCORDANCE WITH ASME DIVISION I SUBSECTION NC-5000 DATED JULY 1, 1974 AT MAX. PRESS. 15.75 AT TEMPERATURE 0° F. AND AT A TEST DURATION OF 225 MIN.
 - FINISHED SURFACE WPE NOT PAINT.
 - FOR CLEANING & COATING INSTRUCTIONS SEE DWG. NL-10342
 - FOR NAME PLATE DETAILS SEE DWG. NL-10381
 - FOR IN PROCESS NDE DETAILS SEE DWG. NL-10409B THRU NL-10409E INCLUSIVE
 - WELD TO BE POST-WELD HEAT TREATED PER PWCC # PWHT-5.

ALL LINEAR TOLERANCES DIMENSIONS ARE TO BE IN ACCORDANCE WITH THE FOLLOWING TOLERANCES UNLESS SPECIFIED OTHERWISE:
 $< 2-6 \pm .01$ - $0 \pm .005$ - $> 10 \pm .01$
 ALL MACHINE FINISHED SURFACES ARE TO BE 250 RMS UNLESS SPECIFIED OTHERWISE
 ALL BEVELED SURFACES ARE TO BE WITHIN $\pm 3^\circ$ UNLESS SPECIFIED OTHERWISE

PURCHASE ORDER NO. 210-710-0096
 JUNE 1980
 RIVER BEND STATION - UNIT 1
 GULF STATES UTILITIES CO.
 WEST FELICIANA PARISH, LOUISIANA
 REF. 24 W. DWG. 12210-EV-1K

SECTIONAL PLAN OF 12 1/2" PEN. ASSEMBLIES P100-1

REVISIONS:

| NO. | DATE | BY | DESCRIPTION |
|-----|----------|------------------------------------|-------------|
| 1 | 06-18-80 | REV. PER ENGR'G | |
| 2 | 07-10-80 | REV. PER GULF STATES UTILITIES CO. | |
| 3 | 07-10-80 | REV. WELD PER WELDING DEPT. | |
| 4 | 07-10-80 | REV. HYDRO TEST | |
| 5 | 07-10-80 | REV. NDE PER ADD #44 REV. FOR | |

MANUFACTURER'S DRAWING DATA FORM

5-451 5-26-81

NOTES:

10360 7

05041

SECT. PLAN 12 1/2" PEN. ASSY'S P100-1

5-237J

12210 00

APERTURE CARD 8202230649

RIDS

8202230649

