



- NOTES:
1. ALL TAIL DIMENSIONS ARE FROM "REF. LINE."
 2. IN-PROCESS EXAMINATION OPENINGS TO BE CLOSED & MARKED PER D.C. PROCEDURE #EC-704.
 3. ALL NOZZLES, ETC. TO BE WELDED USING WPS 100-3 OR 145-4 UNLESS OTHERWISE NOTED.
 4. INSIDE OF VESSEL TO BE FREE OF SLAG, SCALE & RUST.
 5. ALL SHARP EDGES TO BE GROUND SMOOTH.
 6. ALL REPADS TO HAVE 1/16" Ø HOLE.

REFERENCE ONLY

| MARK | SIZE | TYPE | RATING | MATR'L. | TYPE | RATING | MATR'L. | QTY. | SERVICE | REINFORCEMENT |
|------|--------|------------|--------|------------------|------|--------|---------|------|-------------------------|---------------|
| F | 1" | F.C.P.L.G. | 3000 | SA-105 | | | | 2 | | |
| E | 1 1/2" | PIPE | S/80 | SA-106-B SALS | | | | 2 | | |
| D | 1 1/2" | PIPE | S/80 | SA-106-B SALS | | | | 1 | | |
| C | 2" | PIPE | S/80 | SA-106-B SALS | | | | 1 | | |
| B | 6" | PIPE | S/40 | SA-106-B SALS | | | | 1 | 1/4" x 1 1/2" SA-516-70 | |
| A | 6" | PIPE | S/40 | SA-106-B SALS | | | | 1 | | |

| NOZZLE SCHEDULE | |
|-----------------|--|
| NOZZLE NECK | |

| VESSEL DESIGN SPECIFICATIONS | |
|---|---|
| DESIGN & CONSTRUCTION IN ACCORDANCE WITH SEC. VIII, DIV. 1, ASME CODE FOR UPV, 1982 EDITION & ADDENDA TO 12-31-88 | |
| DESIGN PRESSURE: 250 PSI. DESIGN TEMP. -20 TO +650 °F. | |
| HYDRO. TEST # 375 PSI. LONG-SPOT RADIOGRAPH. E = 80% | |
| SHELL MATR'L: 3/8" SA-516-70 TYPE ROLLED PL. MIN. THK. .319 | CA 0 |
| HD # 1 MATR'L: 3/8" SA-516-70 TYPE 2:1 ELLIP. MIN. THK. .298 | CA 0 |
| HD # 2 MATR'L: 3/8" SA-516-70 TYPE 2:1 ELLIP. MIN. THK. .298 | CA 0 |
| SEE DESIGN CALCULATIONS FOR ALTERNATE MATERIAL SPECIFICATIONS THAT MAY BE USED FOR SHELL, HEADS, & REINFORCEMENT. | |
| ELECTRODES: JOINTS: E-8010 1/8" E-7018 | TOLERANCES: PER SHOP PROCEDURE |
| FINISH & INTERNALS: E-7014 1/4" E-7018 | NO. S-402 UNLESS OTHERWISE NOTED ON DRWG. |
| AUTO WIRE: 1-61 FLUX: 8601 780 | PAINT 1-COAT SHOP PRIMER. |

| REV. | DESCRIPTION | DATE | BY |
|------|-------------|------|----|
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| REVISIONS | | | |
|--|-------------|-------------|------|
| ELNCO | | | |
| E. L. NICKELL CO. INC. 635 FRANKLIN ST. CONSTANTINE, MI. 49042 | | | |
| TITLE: 36" OD x 8'-0" OAH VERT REFRIG. INTERCOOLER | | | |
| PACKAGED REFRIG. PO# 5026 | | | |
| DRAWN BY | CHECKED BY | APPROVED BY | |
| KB 2-27-90 | M.R. 3-7-90 | | |
| JOB NO. | SCALE | DRWG. NO. | REV. |
| C-9016-B | NONE | C-9016-B | 0 |
| QTY. REQ'D. | SHEET | OF | |
| 1 | 1 | 1 | |

ORIGINAL MTAIRE SE28VUILLÉ
SYSTEM 3 NO LIQUID COIL

BRUNING 40-5000 509585