

[illegible]

| SPECIAL WALL PIPE | | | |
|---------------------|--------------------------|------------------------------------|---|
| MIN. I.D. INCHES | MIN. WALL THICK., IN. | MACH. I.D. "C" + .010 - .000 | REMARKS |
| 25.75 | 1.005 | 25.916 | MIN. WALL HAS BEEN INCREASED FROM THE REQUIREMENTS IN SPECIFICATIONS G360 & G528 TO ALLOW FOR 0.010 MACHINE CLEANUP |
| 25.75 | 2.010 | 25.916 | MIN. WALL HAS BEEN INCREASED FROM THE REQUIREMENTS IN SPECIFICATIONS G360 & G528 TO ALLOW FOR 0.010 MACHINE CLEANUP |

- NOTES:
1. NOMINAL PIPE SIZES ARE TABULATED UNDER "NOMINAL DIAMETER".
 2. "A" DIMENSION IS THE NOMINAL O.D.
 3. "B" DIMENSION IS THE NOMINAL I.D.
 4. "C" DIMENSION IS THE MACHINED I.D.
 5. DESPITE DIMENSION OR TOLERANCES ON A, B, OR C, AT NO TIME IS ANY COMPONENT TO BE MACHINED BELOW MINIMUM WALL THICKNESS. (IF INDIVIDUAL PROBLEMS ARISE, GAI PIPING ENGINEER SHOULD BE CONSULTED IMMEDIATELY).
 6. "LARGER O.D. COMPONENT" AS USED IN THIS DOCUMENT, IS ANY COMPONENT WHOSE WELD END O.D. EXCEEDS THAT TABULATED UNDER ANSI B16.25 PAGE 9 COLUMN 4.
 7. TOLERANCE FOR O.D. OF LARGER COMPONENTS AND VALVES 22° THROUGH 42° NPS IS $^{+5}/_{-32}$ INCH. (IF $t \leq 1"$ CONTINUE $20^{\circ} \pm 25^{\circ}$ CUT TO PIPE O.D.)
 8. APPLICABLE WHEN $t \geq 1"$. (IF $t \leq 1"$ CONTINUE $20^{\circ} \pm 25^{\circ}$ CUT TO PIPE O.D.)
 9. WHERE INSERVICE INSPECTION IS A REQUIREMENT, THE COMPONENT DESIGNER SHOULD INCLUDE ASME XI CRITERIA INTO THE NOZZLE DESIGN FOR HIS PARTICULAR EQUIPMENT. IT IS RECOMMENDED THAT THE 18° TRANSITION SLOPE BE EXTENDED BACK A SUFFICIENT DISTANCE TO PERMIT INSPECTION OF THE WELD PLUS $1 \frac{1}{4}$ " OF ADJACENT BASE MATERIAL AS REQUIRED BY ASME XI.
 10. PIPING $2\frac{1}{2}$ " NOMINAL SIZE AND SMALLER SHALL BE SOCKET WELDED WITH ENDS PREPARED IN ACCORDANCE WITH FIGURE 1, UNLESS OTHERWISE NOTED.
 11. VALVES AND FITTINGS $2\frac{1}{2}$ " NOMINAL SIZE AND SMALLER SHALL BE SOCKET WELDED. SOCKET WELD DIMENSIONS SHALL BE IN ACCORDANCE WITH ANSI B16.11-1973.

- LEGEND:-
- * NOMINAL PIPE SIZE, IDENTIFICATIONS, SCHEDULE NUMBERS AND DIMENSIONS ARE PER ANSI B36.10-1970 WROUGHT STEEL AND WROUGHT-IRON PIPE. "C" DIMENSIONS ARE DETERMINED IN ACCORDANCE WITH ANSI B16.25-1972.
 - Δ NOMINAL PIPE SIZE, IDENTIFICATIONS, SCHEDULE NUMBERS AND DIMENSIONS ARE PER ANSI B16.5-1973, STEEL PIPE FLANGES AND FLANGED FITTINGS.
 - ◇ NOMINAL PIPE SIZE, IDENTIFICATIONS, SCHEDULE NUMBERS AND DIMENSIONS ARE PER ANSI B36.19-1965, STAINLESS STEEL, "C" DIMENSIONS ARE DETERMINED IN ACCORDANCE WITH ANSI B16.25-1972, PARAGRAPH 7, BUTT WELDING ENDS.
 - ◊ NOMINAL PIPE SIZE, IDENTIFICATIONS, SCHEDULE NUMBERS AND DIMENSIONS ARE ESTABLISHED FOR CONVENIENCE OF GILBERT ASSOCIATES, INC. "C" DIMENSIONS ARE DETERMINED IN ACCORDANCE WITH ANSI B16.25-1972, PARAGRAPH 7, BUTT WELDING ENDS. ANY QUESTIONS ON THE ABOVE FIGURES SHOULD BE DIRECTED TO THE ATTENTION OF JAN P. SOCKEL, MECHANICAL ENGINEERING, GILBERT ASSOCIATES, INC.

FORMULA: $C = A - 0.031 - 1.75 \text{ tn} - 0.010$
 $= A - 0.041 - 1.75 \text{ tn}$

FOR PIPE MANUFACTURED FROM PLATE WITH
 THE O.D. AND/OR THE WALL THICKNESS NOT
 CONFORMING TO A SCHEDULE STANDARD.

$C = A - 0.041 - 2.0 \text{ tn MIN.}$

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| | | | | | |
| NO | MADE | CHKD | APPROVALS | DATE | |

REVISIONS

| | | |
|--|----------------------------------|--------|
| 3-21-85 | CONSTRUCTION | SECRET |
| | LIMITED CONSTRUCTION: AS NOTED | |
| | PRELIMINARY NOT FOR CONSTRUCTION | |
| | BIDDING PURPOSES | |
| DATE | RELEASED FOR | ENGR |
| KRSKO NUCLEAR POWER PLANT THE ELECTRIC UTILITIES OF CROATIA & SLOVENIA WESTINGHOUSE ELECTRIC CORPORATION | | |

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|------------------|--|--------|--|---|--|---------------------------|--|----------------|--|---------------|--|------------|--|--|--|
| REVISED AS NOTED | | 4/6/76 | | WELDING DETAILS FOR CONNECTIONS TO NON-SAFETY | | | | | | | | | | | |
| REVISED AS NOTED | | 3/6/76 | | SAFETY CLASS, VALVES, EQUIPMENT & PIPING | | | | | | | | | | | |
| REVISED AS NOTED | | 3/6/76 | | READING PA. | | GILBERT ASSOCIATES, INC. | | | | | | GRI | | | |
| REVISED AS NOTED | | 3/6/76 | | DRAWING | | ENGINEERS AND CONSULTANTS | | | | | | | | | |
| REVISED AS NOTED | | 3/6/76 | | DRAFTING | | ENGINEERS APPROPRIAL | | | | | | | | | |
| REVISED AS NOTED | | 3/6/76 | | MADE CHECKED | | ARCHITECTURAL | | CIVIL | | STRUCTURAL | | ELECTRICAL | | | |
| REVISED AS NOTED | | 3/6/76 | | 7-12-76 | | DATES | | MECHANICAL | | ENVIRONMENTAL | | NUCLEAR | | | |
| REVISED AS NOTED | | 3/6/76 | | APPROVAL | | DATES 5-14-76 | | | | | | | | | |
| REVISED AS NOTED | | 3/6/76 | | SCALE | | 04 | | 4687 | | D-301-001 | | 2 | | | |
| REVISED AS NOTED | | 3/6/76 | | W.D. | | 04687-000 | | DRAWING NUMBER | | | | REV | | | |