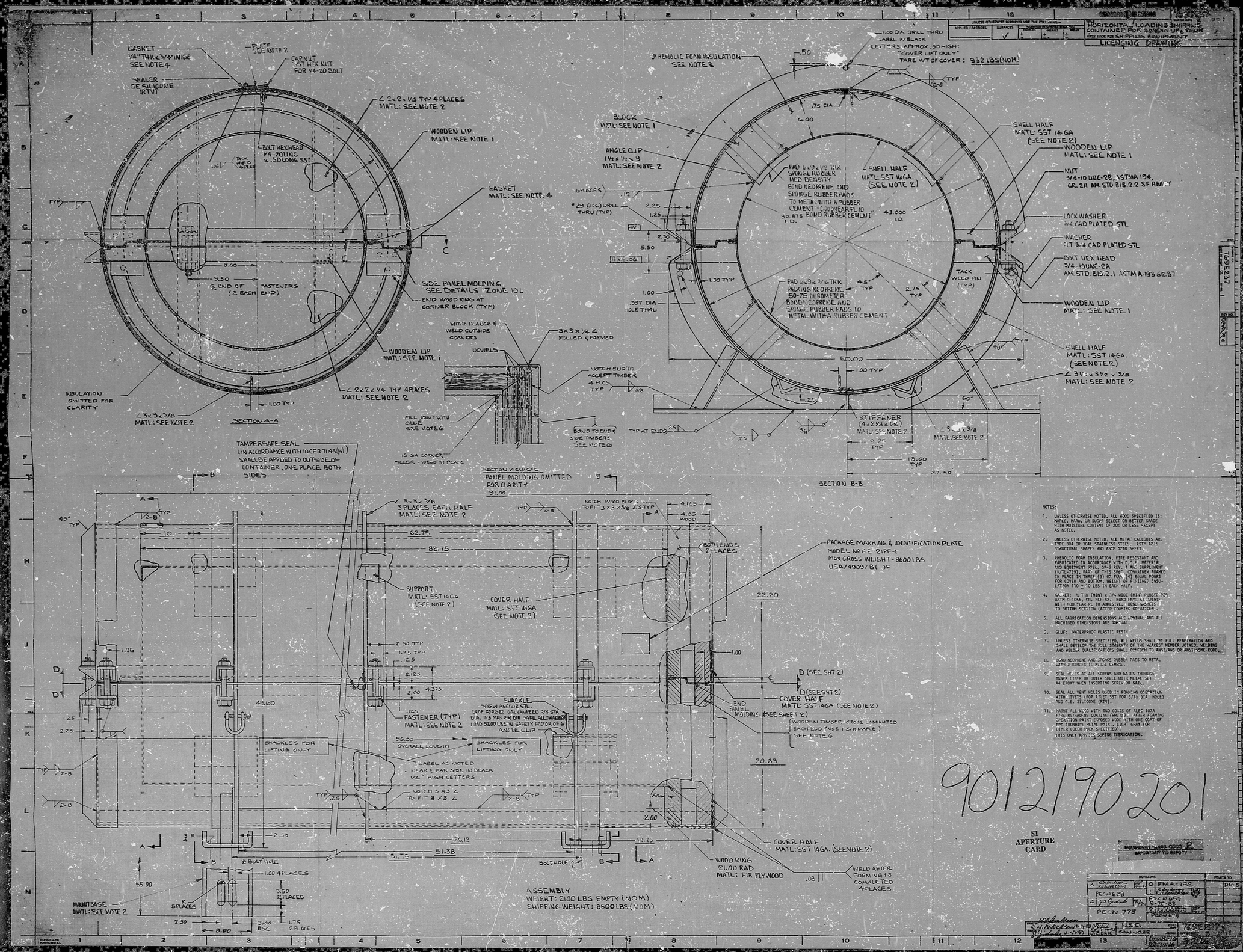
HORIZONTAL LOADING SHIPPING CONTAINER FOR 30 DIA UF6 TANK
FIRST USE FOR SHIPPING EQUIPMENT
LICENSING DRAWING
GASKET 1/4" THK x 3/4" WIDE SEE NOTE 4
SEALER GE SILICONE (RTV)
PLATE SEE NOTE 2
CAPNUT SST HEX NUT FOR 1/4-20 BOLT
∠ 2x2x1/4 TYP 4 PLACES MATL: SEE NOTE 2
WOODEN LIP MATL: SEE NOTE 1
BOLT HEXHEAD 1/4-20 UNC x .50 LONG SST
TACK WELD 4 PLCS
GASKET MATL: SEE NOTE 4
SIDE PANEL MOLDING SEE DETAILS ZONE 10L
END WOOD RING AT CORNER BLOCK (TYP)
WOODEN LIP MATL: SEE NOTE 1
∠ 2x2x1/4 TYP 4 PLACES MATL: SEE NOTE 2
INSULATION OMITTED FOR CLARITY
∠ 3x3x3/8 MATL: SEE NOTE 2
SECTION A-A
TAMPER SAFE SEAL (IN ACCORDANCE WITH 10CFR 71.43(b)) SHALL BE APPLIED TO OUTSIDE OF CONTAINER, ONE PLACE, BOTH SIDES
MITRE FLANGE & WELD OUTSIDE CORNERS
DOWELS
3x3x1/4 ∠ ROLLED & FORMED
NOTCH END (TY) ACCEPT TIMBER 4 PLCS TYP
FILL JOINT WITH GLUE SEE NOTE 6
BOND TO END & SIDE TIMBERS SEE NOTE 6
16 GA CORNER FILLER - WELD 10 PLACE
SECTION VIEW C-C
PANEL MOLDING OMITTED FOR CLARITY
PHENOLIC FOAM INSULATION SEE NOTE 3
1.00 DIA DRILL THRU
LABEL IN BLACK LETTERS APPROX .50 HIGH: "COVER LIFT ONLY"
TARE WT OF COVER: 932 LBS (NOM)
BLOCK MATL: SEE NOTE 1
ANGLE CLIP 1 1/2 x 1/2 x 9 MATL: SEE NOTE 2
10 PLACES
#29 (.136) DRILL THRU (TYP)
PAD 6.9 x 1/2 THK SPONGE RUBBER MED DENSITY BOND NEOPRENE AND SPONGE RUBBER PADS TO METAL WITH A RUBBER CEMENT GOODYEAR PL 10
30.875 I.D.
BOND RUBBER CEMENT
43.000 I.D.
SHELL HALF MATL: SST 16GA (SEE NOTE 2)
PAD 6.9 x 3/16 THK PACKING NEOPRENE 50-75 DUROMETER BOND NEOPRENE AND SPONGE RUBBER PADS TO METAL WITH A RUBBER CEMENT
TACK WELD PIN (TYP)
.937 DIA HOLE THRU
50.00
STIFFENER (4 x 2 1/8 x 1/2) MATL: SEE NOTE 2
∠ 3 1/2 x 3 1/2 x 3/8 MATL: SEE NOTE 2
SECTION B-B
SHELL HALF MATL: SST 14GA (SEE NOTE 2)
WOODEN LIP MATL: SEE NOTE 1
NUT 3/4-10 UNC-2B, ASTM A194 GR. 2H AM. STD 818.2.2 SF HEAVY
LOCK WASHER 3/4 CAD PLATED STL
WASHER FLT 3/4 CAD PLATED STL
BOLT HEX HEAD 3/4-10 UNC-2A AM. STD. 818.2.1 ASTM A-193 GR. B7
WOODEN LIP MATL: SEE NOTE 1
SHELL HALF MATL: SST 14GA. (SEE NOTE 2)
∠ 3 1/2 x 3 1/2 x 3/8 MATL: SEE NOTE 2
∠ 3x3x3/8 3 PLACES EACH HALF MATL: SEE NOTE 2
NOTCH WOOD BLOCK TO FIT 3 x 3 x 3/8 ∠ STYP
BOTH ENDS 7 PLACES
PACKAGE MARKING & IDENTIFICATION PLATE MODEL NO GE-21PF-1 MAX GROSS WEIGHT - 8600 LBS USA/4909/B(U)F
SUPPORT MATL: SST 14GA (SEE NOTE 2)
COVER HALF MATL: SST 16GA (SEE NOTE 2)
FASTENER (TYP) MATL: SEE NOTE 2
SHACKLE SCREW ANCHOR STL DROP FORGED GALVANIZED 3/4 STK DIA. 7/8 MAX PIN DIA SAFE ALLOWABLE LOAD 5300 LBS W/ SAFETY FACTOR OF 6 ANGLE CLIP
56.00 OVERALL LENGTH
SHACKLES FOR LIFTING ONLY
LABEL AS NOTED - NEAR & FAR SIDE IN BLACK 1/2" HIGH LETTERS
NOTCH 3 x 3 ∠ TO FIT 3 x 3 ∠
END PANEL MOLDING (SEE SHEET 2)
COVER HALF MATL: SST 14GA (SEE NOTE 2)
WOODEN TIMBER CROSS LAMINATED EACH 2.00 (USE 1 5/8 MAPLE) SEE NOTE 6
COVER HALF MATL: SST 14GA. (SEE NOTE 2)
WOOD RING 21.00 RAD MATL: FIR PLYWOOD
WELD AFTER FORMING IS COMPLETED 4 PLACES
MOUNT BASE MATL: SEE NOTE 2
8 PLACES
2 BOLT HOLE
BOLT HOLE
ASSEMBLY WEIGHT: 2100 LBS EMPTY (NOM) SHIPPING WEIGHT: 8600 LBS (NOM)
NOTES:
1. UNLESS OTHERWISE NOTED, ALL WOOD SPECIFIED IS: MAPLE, HARD, OR SUGAR SELECT OR BETTER GRADE WITH MOISTURE CONTENT OF 20% OR LESS FACEPT AS NOTED.
2. UNLESS OTHERWISE NOTED, ALL METAL CALLOUTS ARE TYPE 304 OR 304L STAINLESS STEEL. ASTM A276 STAUCTURAL SHAPES AND ASTM A240 SHEET.
3. PHENOLIC FOAM INSULATION, FIRE RESISTANT AND FABRICATED IN ACCORDANCE WITH D.O.E. MATERIAL AND EQUIPMENT SPEC. SP-3 REV. 1 A. SUPPLEMENT (K7TL-729), PAR. OF THIS SPEC. CONTAINER FOAMED IN PLACE IN THREE (3) OR FOUR (4) EQUAL POURS FOR COVER AND BOTTOM. WEIGH OF FINISHED INSULATION 110 ± 10 LBS IN EACH HALF.
4. GASKET: 1/4 THK (MIN) x 3/4 WIDE (MIN) RUBBER PER ASTM-D-1056, FR, SCE-42. BOND ENTIRE JOINTS WITH GOODYEAR PL 10 ADHESIVE. BOND GASKETS TO BOTTOM SECTION (AFTER FORMING OPERATION).
5. ALL FABRICATION DIMENSIONS ARE NOMINAL AND ALL MACHINED DIMENSIONS ARE NOMINAL.
6. GLUE: WATERPROOF PLASTIC RESIN.
7. UNLESS OTHERWISE SPECIFIED, ALL WELDS SHALL BE FULL PENETRATION AND SHALL DEVELOP THE FULL STRENGTH OF THE WEAKEST MEMBER JOINED. WELDING AND WELDING QUALIFICATIONS SHALL CONFORM TO ANSI/ANS OR ANSI/ASME CODE.
8. BOND NEOPRENE AND SPONGE RUBBER PADS TO METAL WITH A RUBBER TO METAL CEMENT.
9. SEAL ALL AT ALL SCREWS AND NAILS THROUGH INNER LINER OR OUTER SHELL WITH METAL SET AA EPOXY WHEN INSERTING SCREW OR NAIL.
10. SEAL ALL VENT HOLES USED IN FORMING CORE WITH RIVETS (POP RIVET SST FOR 3/16 DIA. HOLE) AND R.T.V. SILICONE (RTV).
11. PAINT ALL WOOD WITH TWO COATS OF ALB. 107A FIRE RETARDANT COATING (WHITE). AFTER FORMING OPERATION PAINT EXPOSED WOOD WITH ONE COAT OF PPG TRONMIC METAL PAINT, LIGHT GRAY (OR OTHER COLOR TYPE SPECIFIED).
THIS ONLY APPLIES DURING FABRICATION.
9012190201
SI APERTURE CARD
REVISIONS
FMA-152
PECN 688
PECN 773
PECN 65
PECN 82
PECN 84
PECN 1066
PECN 1067
PECN 1068
PECN 1069
PECN 1070
PECN 1071
PECN 1072
PECN 1073
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PDR RIDS

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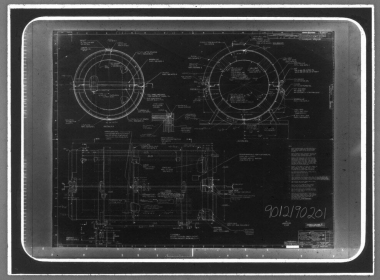

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