NOTES:
1) FILL DOOR CAVITIES WITH MINERAL WOOL INSULATION.
2) WELD PROCESS: FCAW/SMAW/GTAW
3) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF DOOR TO REBUILT CAR DOOR FRAME STRUCTURE. SHOP DRAWINGS TO BE SUBMITTED TO ARR PRIOR TO FABRICATION OF DOORS.
4) RIGHT HAND CAR DOOR SHOWN, LEFT IS MIRROR IMAGE.
5) THIS WORK PART OF ADD ALT #2.
NOTES:
1) WELD PROCESS: FCAW/SMAW/GTAW
2) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF TRAP DOOR TO STAIRWELL STRUCTURE. SHOP DRAWINGS TO BE SUBMITTED TO ARRCC PRIOR TO FABRICATION OF DOORS.
3) TRAP DOORS ARE SYMMETRIC BOTH SIDES OF CAR.
4) THIS WORK PART OF ADD ALT #1.
1. All material 316 SS unless otherwise noted.
2. Weld process: FCAW/SMAW/GTAW.
3. Contractor to verify all measurements and fit of stairs to result in car frame.
4. Structure shop drawings to be submitted to ARRCC prior to fabrication of stairs.
5. Stairs are symmetric on both sides of car.
6. This work part of add alt #1.
ALASKA RAILROAD CORPORATION

MOTIVE POWER AND EQUIPMENT
PASSENGER COACHES

ARR 502 HEAVY PAINT AND BODY
VESTIBULE STAIR TREAD FABRICATION

NOTES:
1) ALL MATERIAL 316 SS UNLESS OTHERWISE NOTED.
2) FABRICATE BENT 'Z' FROM 3/16" 316 SS SHEET.
3) STAIR NOISING MATERIAL: 1 3/16" x 1/4" ALLORIP® STANDARD OR APPROVED EQUAL.
4) WELD PROCESS: FCAW/SMAW/GTAW.
5) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF STAIRS TO REBUILT CAR FRAME STRUCTURE. SHOP DRAWINGS TO BE SUBMITTED TO AARC PRIOR TO FABRICATION OF STAIRS.
6) STAIRS ARE SYMMETRIC ON BOTH SIDES OF CAR.
7) THIS WORK PART OF ADD ALT #1.

1/8" = 1'-0"
SCALE NAT.

STAIR TREAD TOP VIEW
STAIR FRONT VIEW
BENT 'Z' DETAIL

316 STAINLESS SWAGE LOCKED BAR
GRATING, BEARING BARS AT 3/8" ON CENTER
AND CROSS BARS AT 4" ON CENTER. 1" X
3/8" BEARING BARS WITH END BANDING.

ROUND EDGE
BANDING FLUSH
WITH NOISING.

1/16" EDGE BANDING BAR

NOSING, SEE DETAIL
GLOW STRIP LOCATION

SS BENT 'Z', NOTE 2
ALORIP STAIR
NOISING, NOTE 3

2 3/16"
MOTIVE POWER AND EQUIPMENT
PASSENGER COACHES

ARR 502 HEAVY PAINT AND BODY VESTIBULE STAIR INSTALLATION

NOTES:
1) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF STAIRS TO REBUILT CAR FRAME STRUCTURE PRIOR TO INSTALLATION.
2) LEFT HAND STAIR INSTALLATION SHOWN, RIGHT HAND IS MIRROR IMAGE.
3) THIS WORK PART OF ADD ALT #1.

FABRICATE & INSTALL GAS STRUT BRACKETS FROM 3/8" 316 SS. BOLT TO STAIR WELL AND TRAP DOOR.

INSTALL NEW GAS STRUT

TRAP DOOR FLUSH WITH VESTIBULE FLOOR

CONTINUOUS 2" OPEN SS PIANO HINGE. 0.12" LEAF, 0.25" PIN

SHIM STAIR BOX AS NEEDED, BOTH SIDES

0.240 REF
ARR 502 HEAVY PAINT AND BODY VESTIBULE DOOR INSTALLATION

NOTES:
1) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF DOOR TO REBUILT CAR FRAME STRUCTURE PRIOR TO INSTALLATION.
2) LEFT HAND DOOR INSTALLATION SHOWN, RIGHT HAND IS MIRROR IMAGE.
3) THIS WORK PART OF ADD ALT #2.