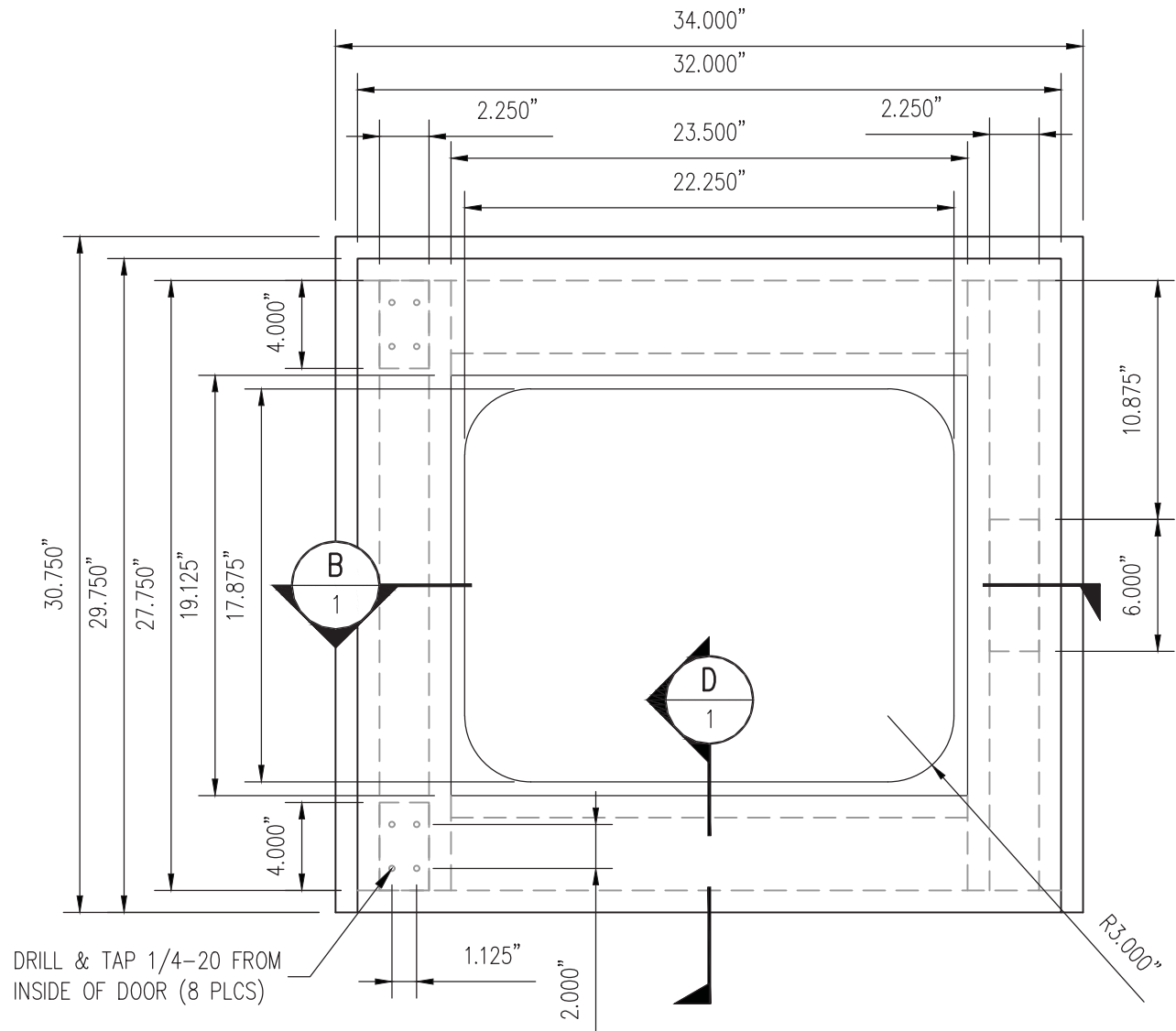
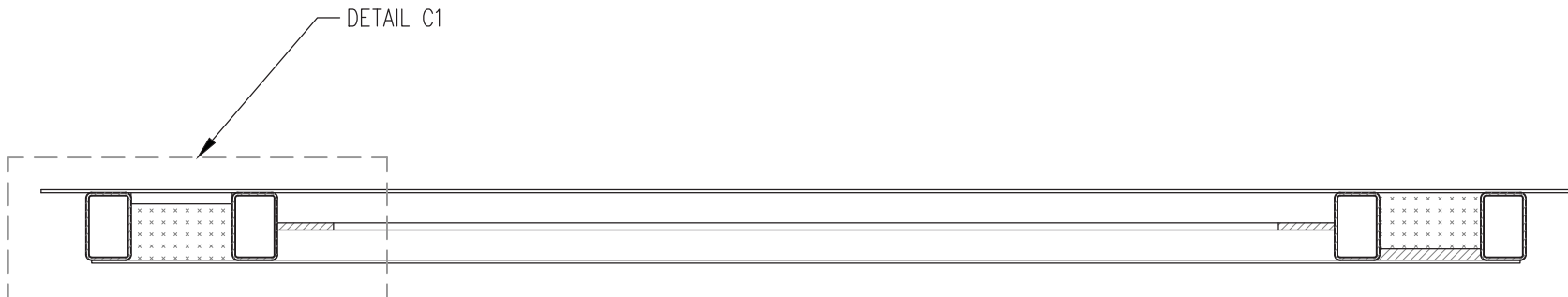


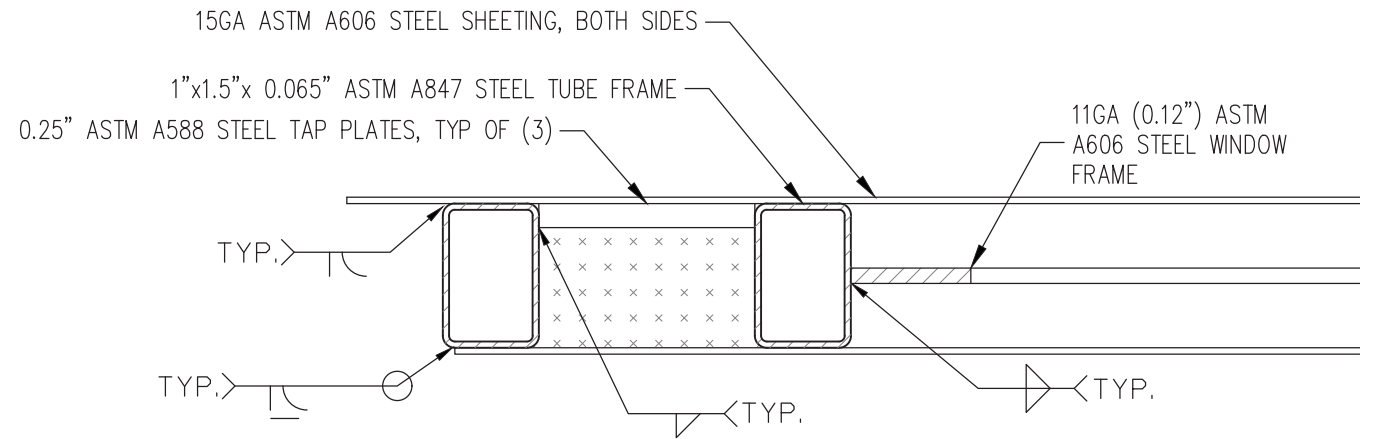
P:\Engineering\Motive Power and Equipment\2. Passenger\ARR 551-554\ARR 551 Exterior Paint, HVAC & Refurb\ARR 551 Paint & Repairs.dwg



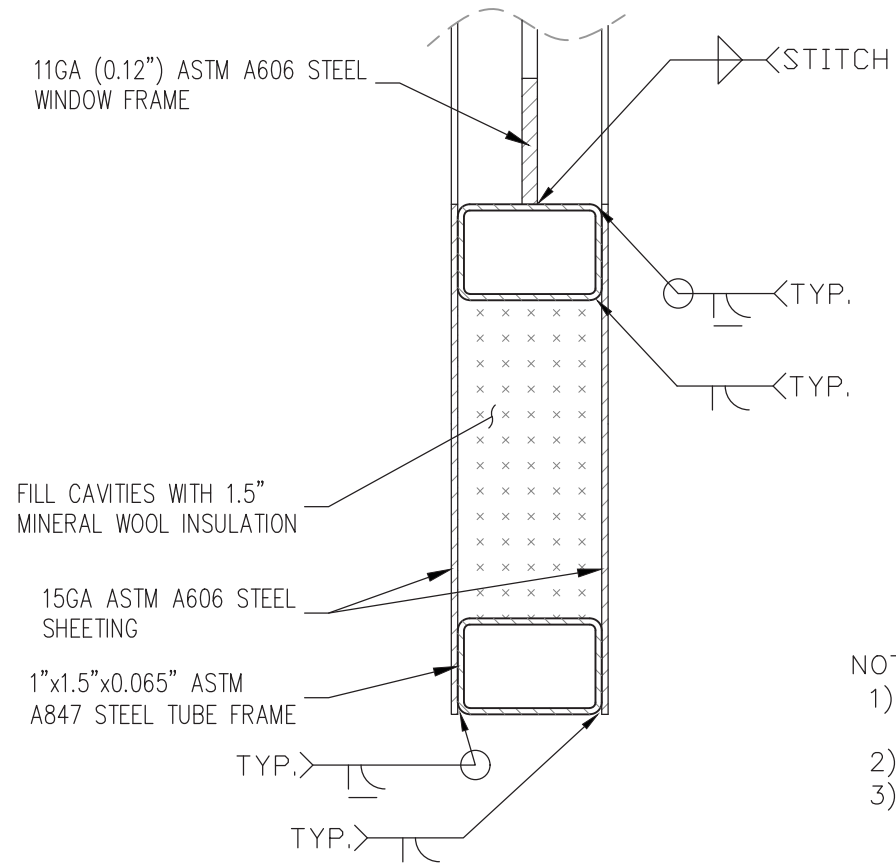
A
1
UPPER DUTCH DOOR - VIEW FROM EXTERIOR
SCALE: NTS



B
1
UPPER DUTCH DOOR - SECTION VIEW
SCALE: NTS



C
1
UPPER DUTCH DOOR - SECTION DETAIL
SCALE: NTS

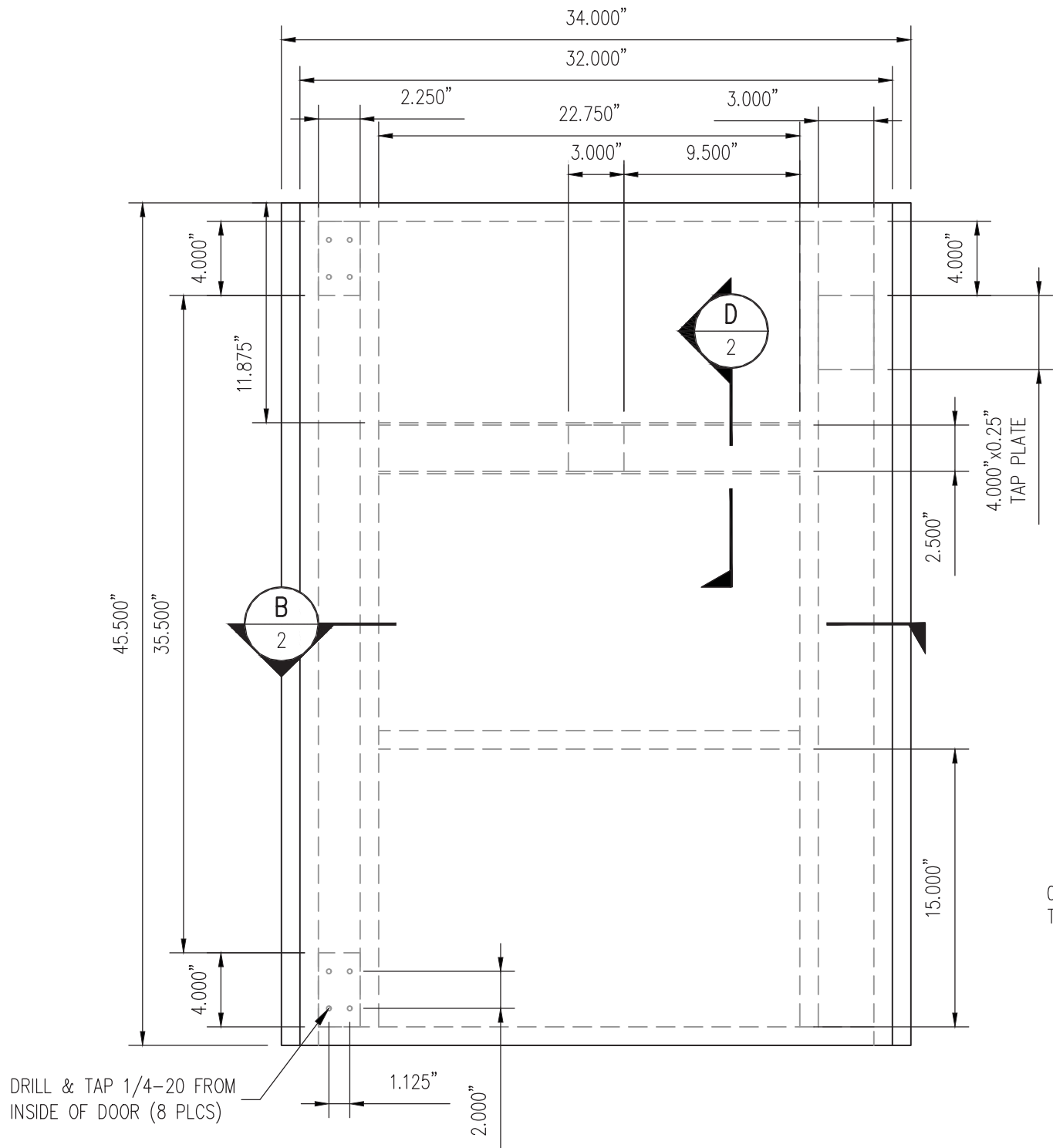


D
1
UPPER DUTCH DOOR - SECTION DETAIL
SCALE: NTS

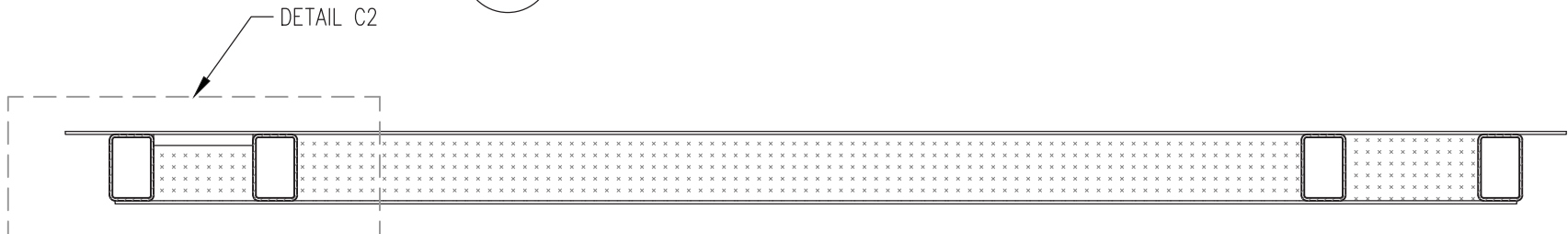
- NOTES:
- 1) FILL DOOR CAVITIES WITH MINERAL WOOL INSULATION.
 - 2) WELD PROCESS: FCAW/SAW/GTAW
 - 3) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF DOOR TO COACH DOOR FRAME STRUCTURE.
 - 4) LEFT SIDE DOOR SHOWN, RIGHT HAND DOOR IS MIRROR IMAGE OF THAT SHOWN.

 ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500			
PROJECT : MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT			
TITLE: ARR 551-554 VESTIBULE PARTS UPPER VESTIBULE DOOR FABRICATION			
DESIGNED BY: ARRC	SCALE : NTS	AFE NO.:	
DRAWN BY: CDL		ACAD FILE:	
CHECKED BY: ARRC	DATE : AUGUST 2025	DWG NO. 1 OF 7	
APPROVED BY: ARRC			

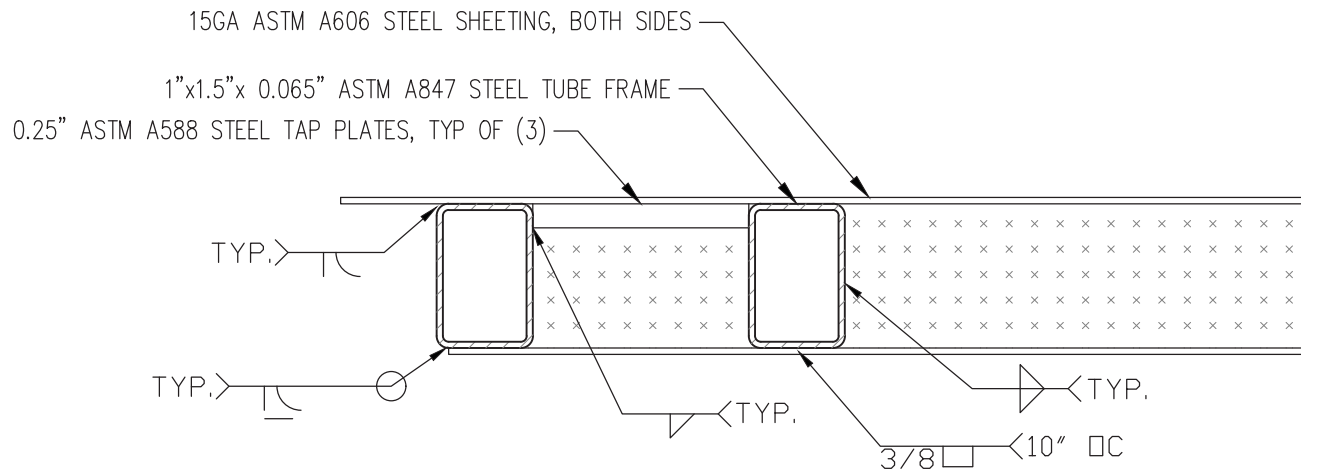
REV.	DATE	BY	REVISION



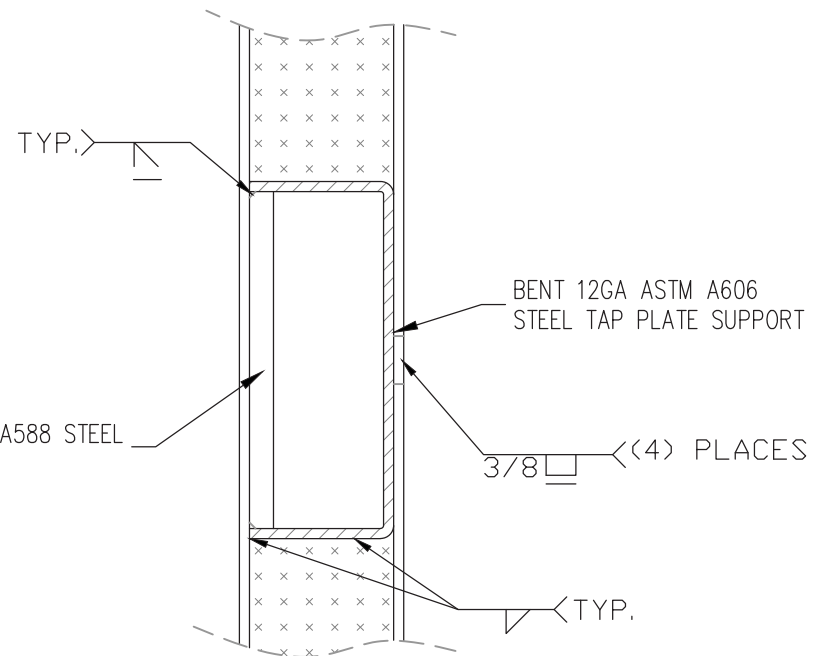
A
2
LOWER DUTCH DOOR – VIEW FROM EXTERIOR
SCALE: NTS



B
2
LOWER DUTCH DOOR – SECTION VIEW
SCALE: NTS



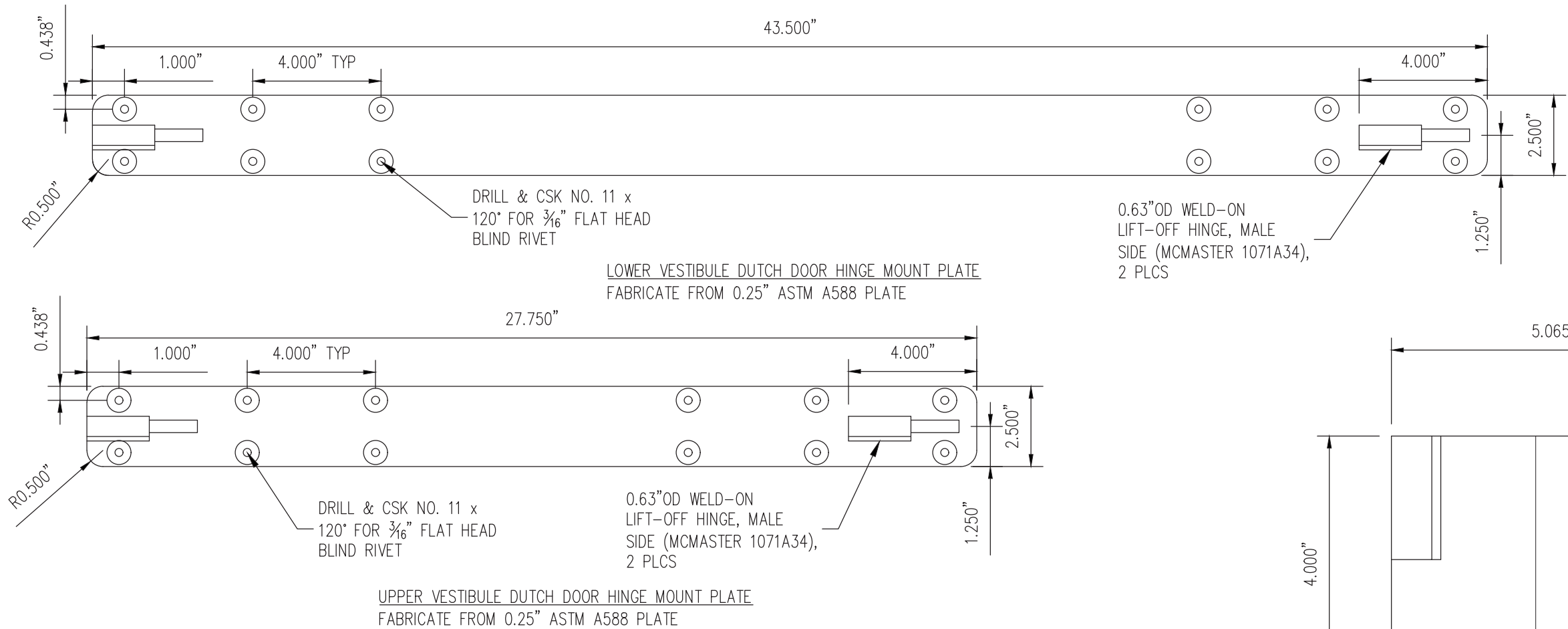
C
2
LOWER DUTCH DOOR – SECTION DETAIL
SCALE: NTS



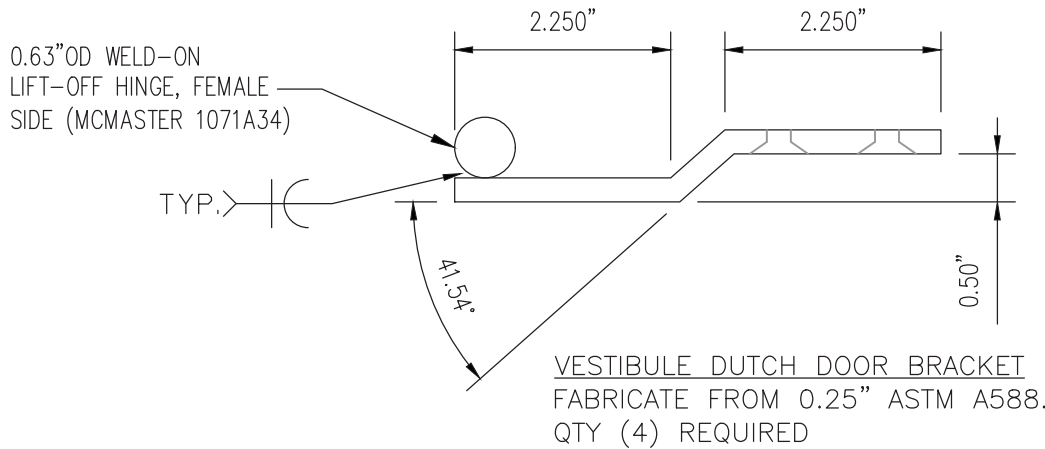
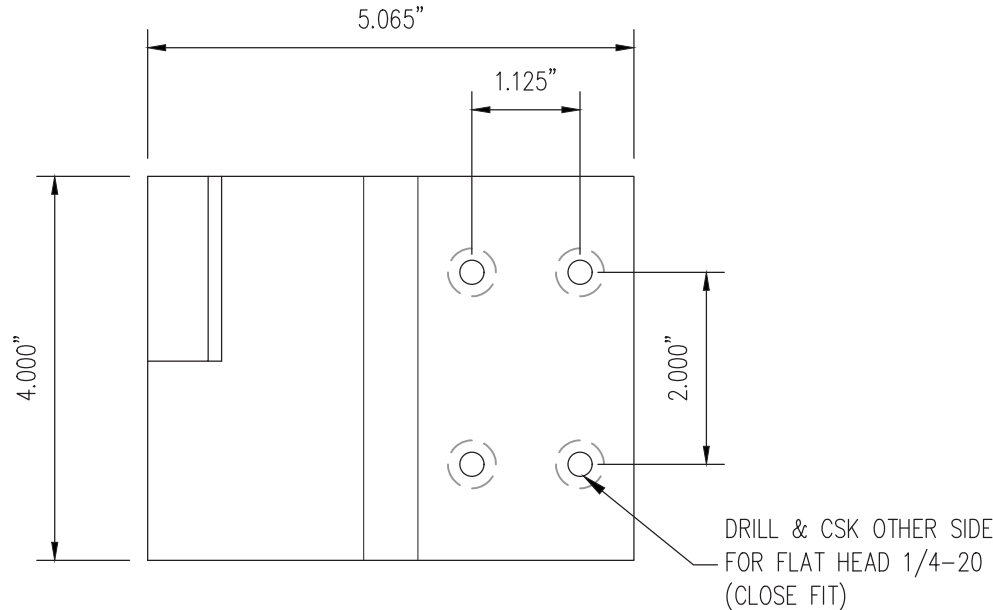
D
2
LOWER DUTCH DOOR – SECTION VIEW
SCALE: NTS

- NOTES:
- 1) FILL DOOR CAVITIES WITH MINERAL WOOL INSULATION.
 - 2) WELD PROCESS: FCAW/STAW/GTAW
 - 3) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF DOOR TO COACH DOOR FRAME STRUCTURE.
 - 4) LEFT SIDE DOOR SHOWN, RIGHT SIDE DOOR IS MIRROR IMAGE OF THAT SHOWN.

 ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT : MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT		
TITLE: ARR 551-554 VESTIBULE PARTS LOWER VESTIBULE DOOR FABRICATION		
DESIGNED BY: ARRC	SCALE : NTS	APE NO.:
DRAWN BY: CDL		ACAD FILE:
CHECKED BY: ARRC	DATE : AUGUST 2025	DWG NO. 2 OF 7
APPROVED BY: ARRC		

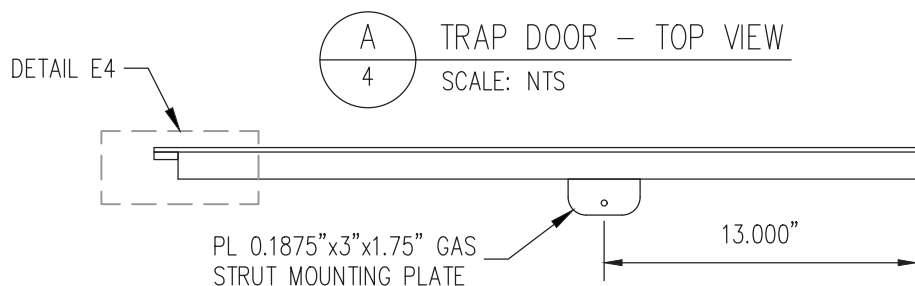
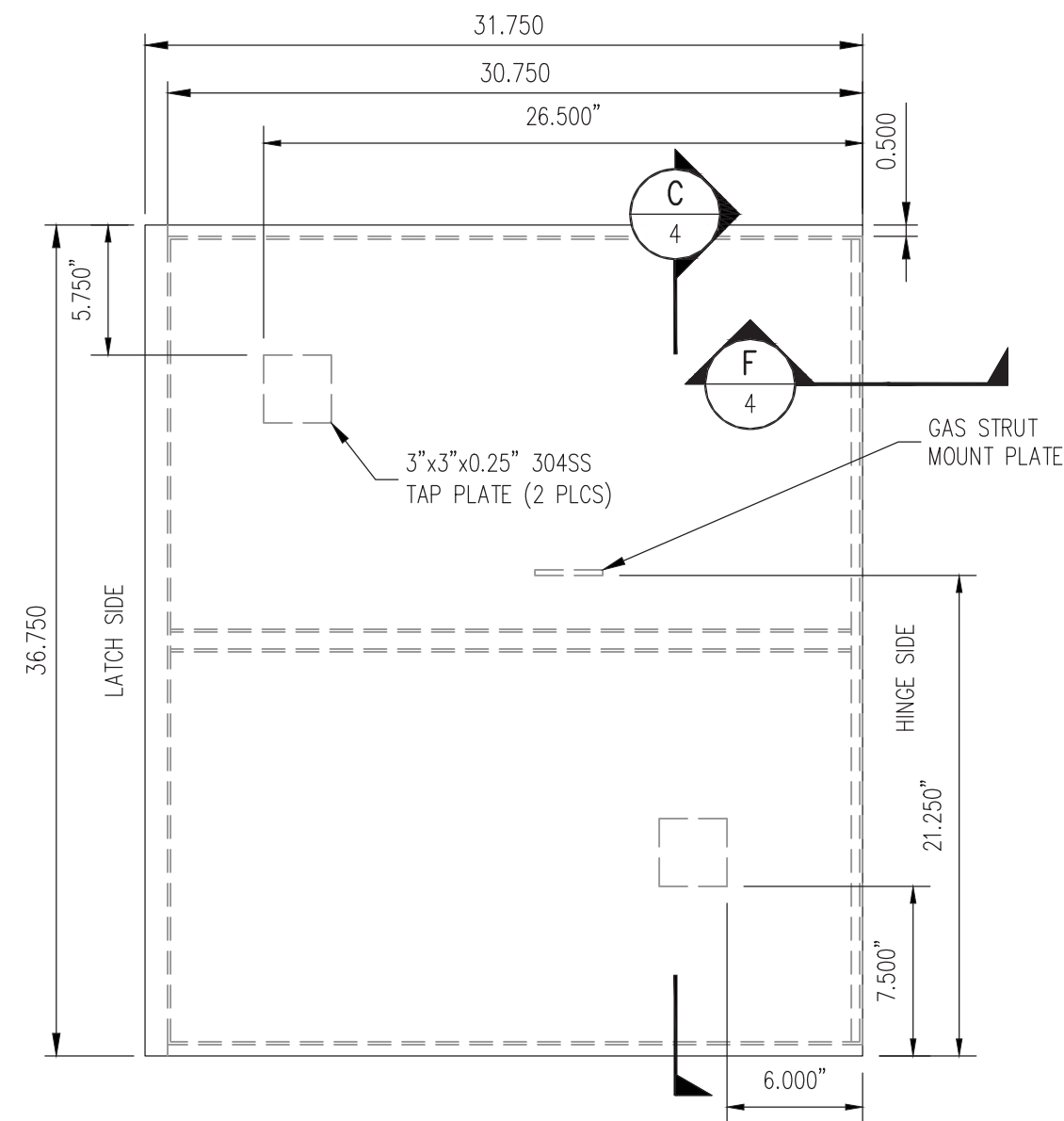


A
3
DUTCH DOOR FRAME HINGE PLATES – TOP VIEW
SCALE: NTS



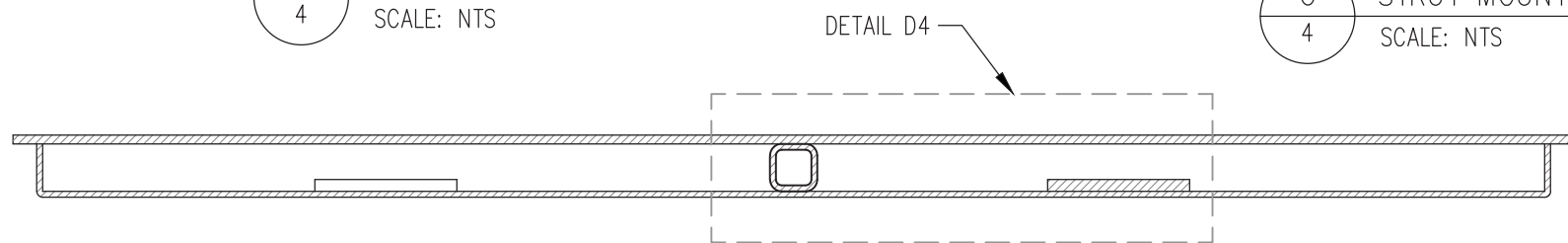
B
3
DOOR MOUNTED HINGE PLATES – TOP & END VIEW
SCALE: NTS

		
ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT : MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT		
TITLE: ARR 551-554 VESTIBULE PARTS DUTCH DOOR HINGE FABRICATION		
DESIGNED BY: ARRC	SCALE : NTS	A/E NO.:
DRAWN BY: CDL	DATE : AUGUST 2025	ACAD FILE:
CHECKED BY: ARRC		DWG NO. 3 OF 7
APPROVED BY: ARRC		

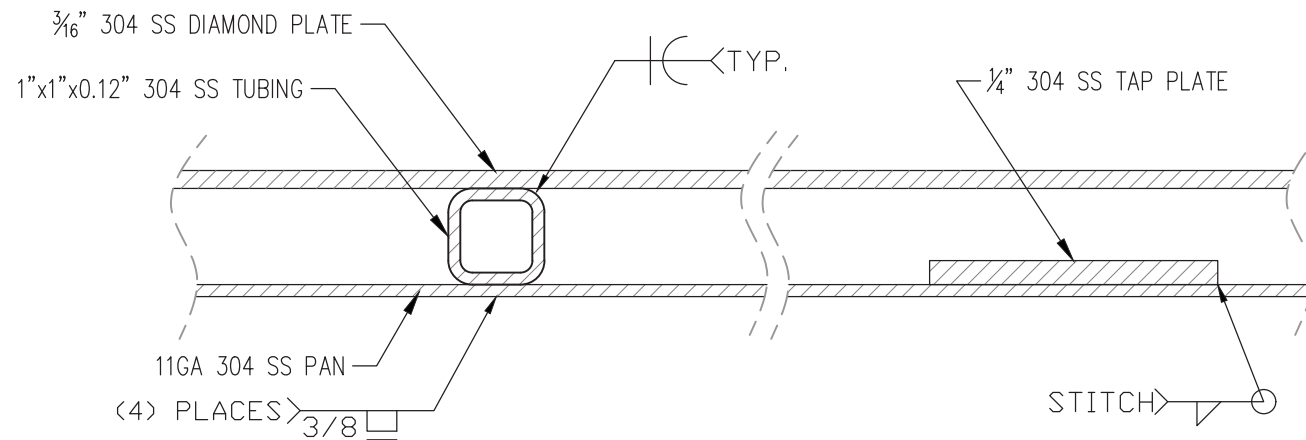


A
4 TRAP DOOR – TOP VIEW
SCALE: NTS

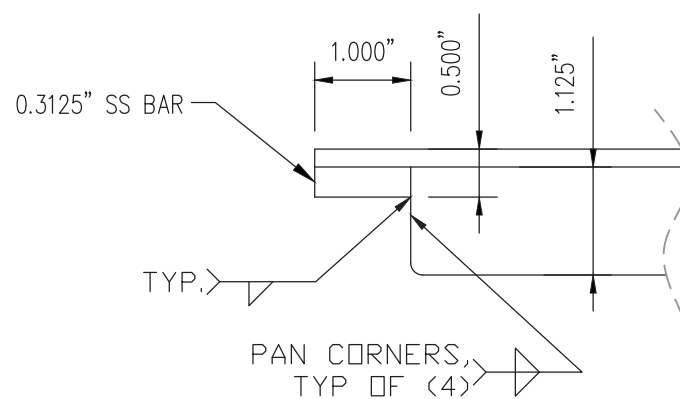
B
4 TRAP DOOR – SIDE VIEW
SCALE: NTS



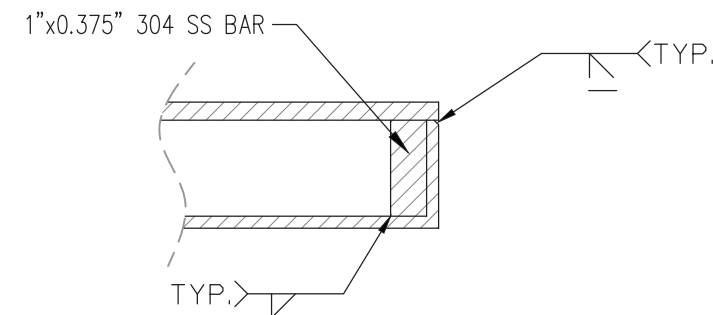
C
4 TRAP DOOR – ROTATED SECTION VIEW
SCALE: NTS



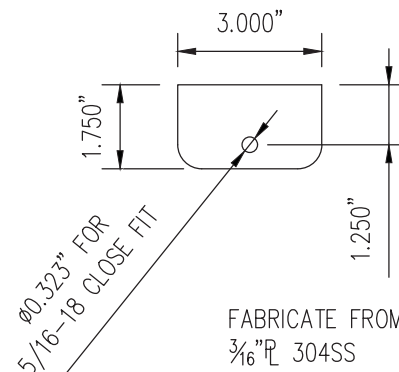
D
4 TRAP DOOR – SECTION DETAIL
SCALE: NTS



E
4 TRAP DOOR – SECTION DETAIL
SCALE: NTS



F
4 TRAP DOOR – SECTION VIEW
SCALE: NTS

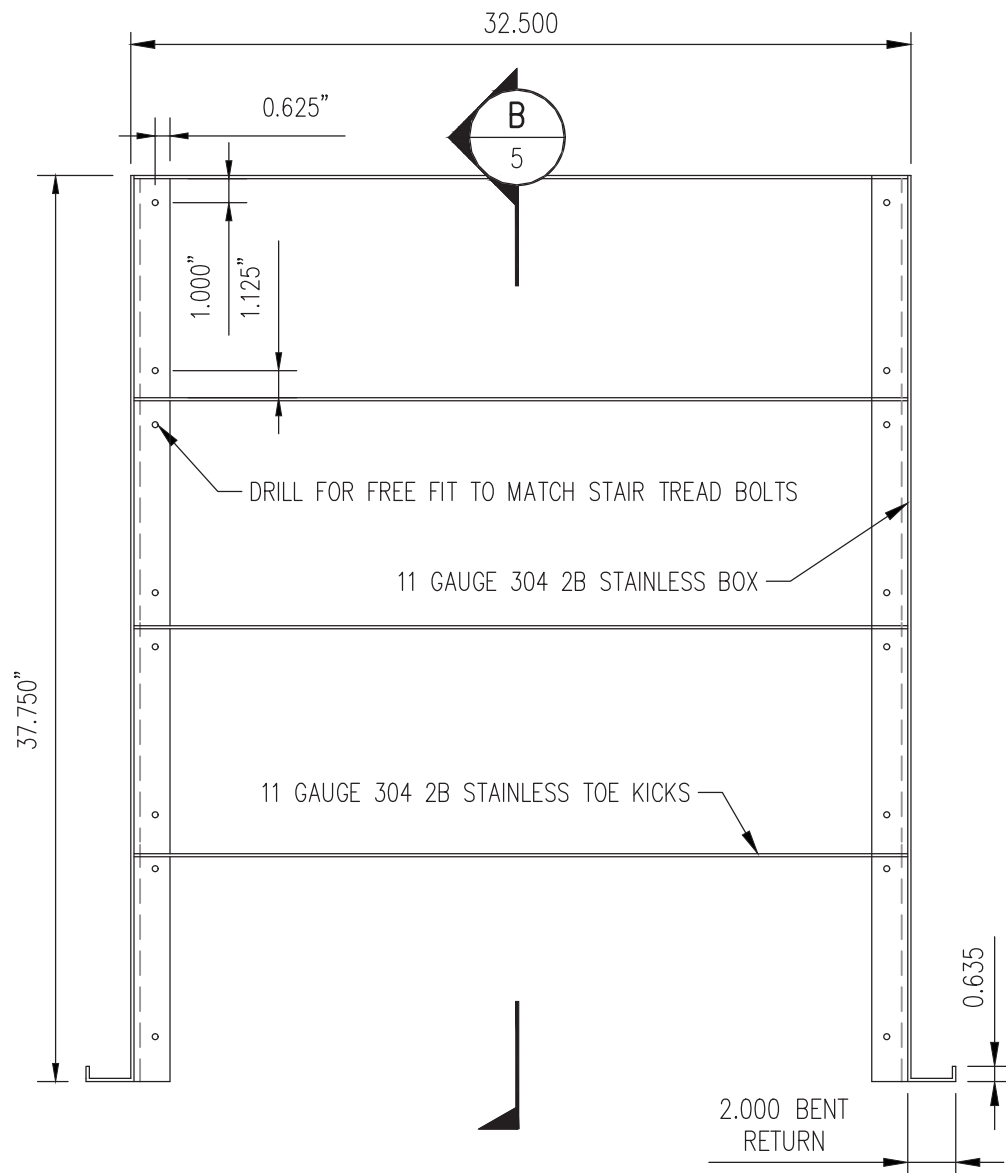


G
4 STRUT MOUNT PLATE
SCALE: NTS

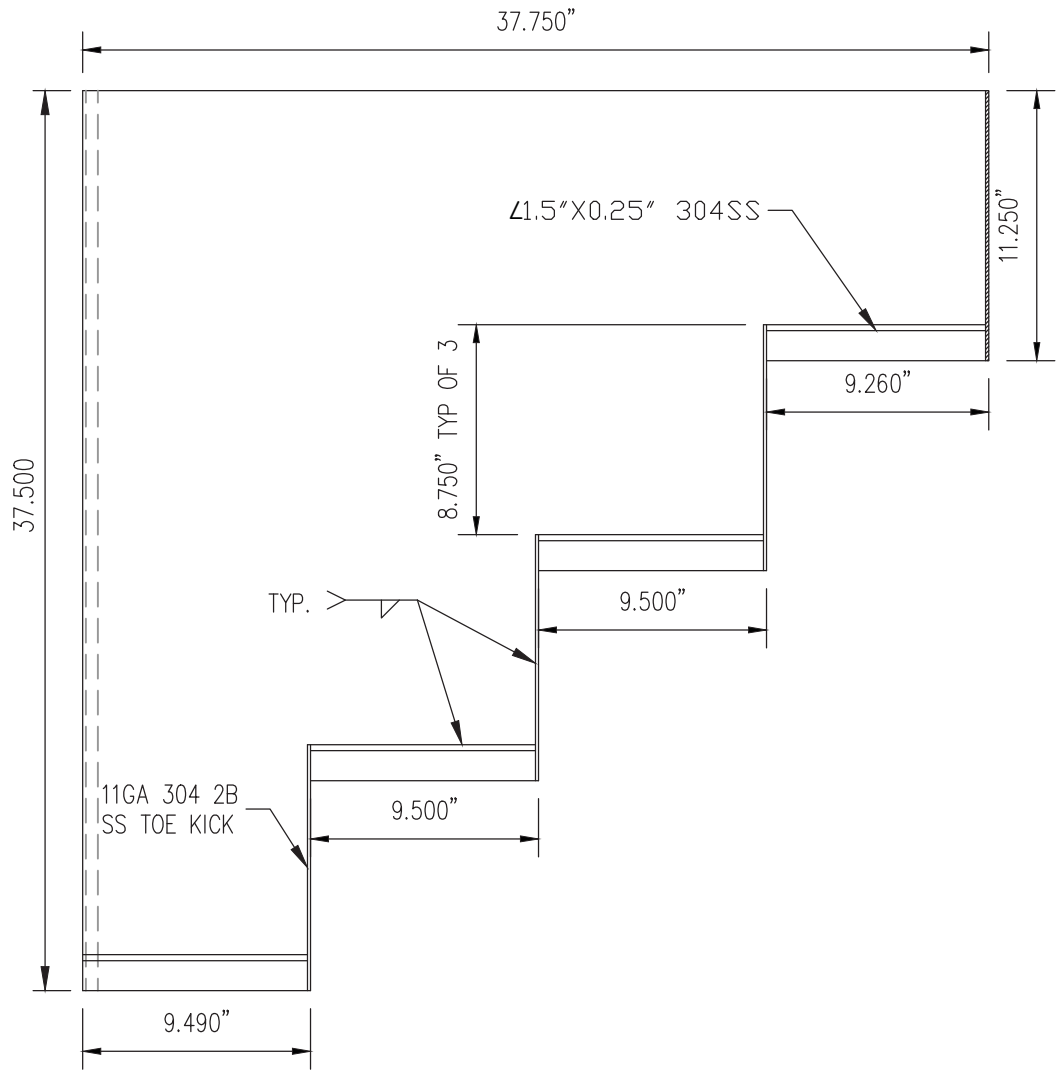
NOTES:

- 1) ALL MATERIAL 304SS UNLESS OTHERWISE NOTED.
- 2) WELD PROCESS: FCAW/SAW/GTAW
- 3) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF DOOR TO COACH DOOR FRAME STRUCTURE.
- 4) RIGHT SIDE DOOR SHOWN, LEFT SIDE DOOR IS MIRROR IMAGE OF THAT SHOWN.

		
ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT : MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT		
TITLE: ARR 551-554 VESTIBULE PARTS TRAP DOOR FABRICATION		
DESIGNED BY: <u>ARRC</u>	SCALE : <u>NTS</u>	A/E NO.:
DRAWN BY: <u>CDL</u>		ACAD FILE:
CHECKED BY: <u>ARRC</u>	DATE : <u>AUGUST 2025</u>	DWG NO. 4 OF 7
APPROVED BY: <u>ARRC</u>		



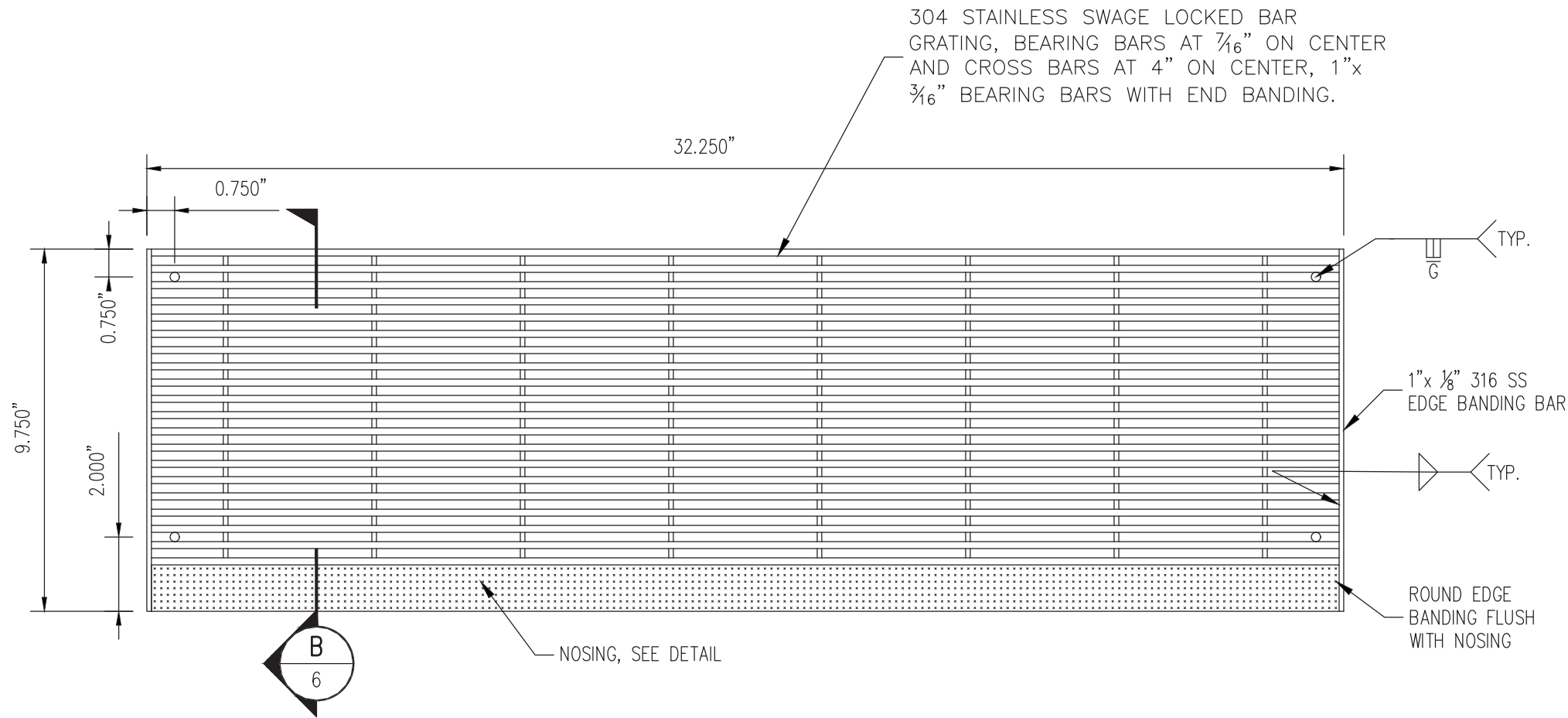
A
5 STAIR BOX – TOP VIEW
SCALE: NTS



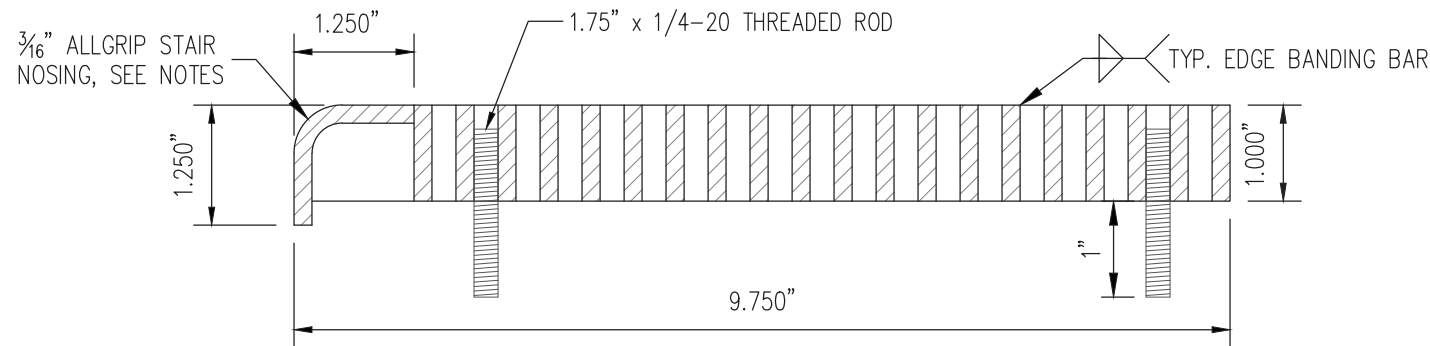
B
5 STAIR BOX – SECTION VIEW
SCALE: NTS

- NOTES:
- 1) ALL MATERIAL 304 SS UNLESS OTHERWISE NOTED.
 - 2) WELD PROCESS: FCAW/SAW/GTAW
 - 3) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF STAIRS TO REBUILT CAR FRAME STRUCTURE. STAIRS ARE SYMMETRIC ON BOTH SIDES OF CAR.

 ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT : MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT		
TITLE: ARR 551-554 VESTIBULE PARTS VESTIBULE STAIR BOX FABRICATION		
DESIGNED BY: ARRC	SCALE : NTS	A/E NO.:
DRAWN BY: CDL		ACAD FILE:
CHECKED BY: ARRC	DATE : AUGUST 2025	DWG NO. 5 OF 7
APPROVED BY: ARRC		



A
6 STAIR BOX - TOP VIEW
SCALE: NTS

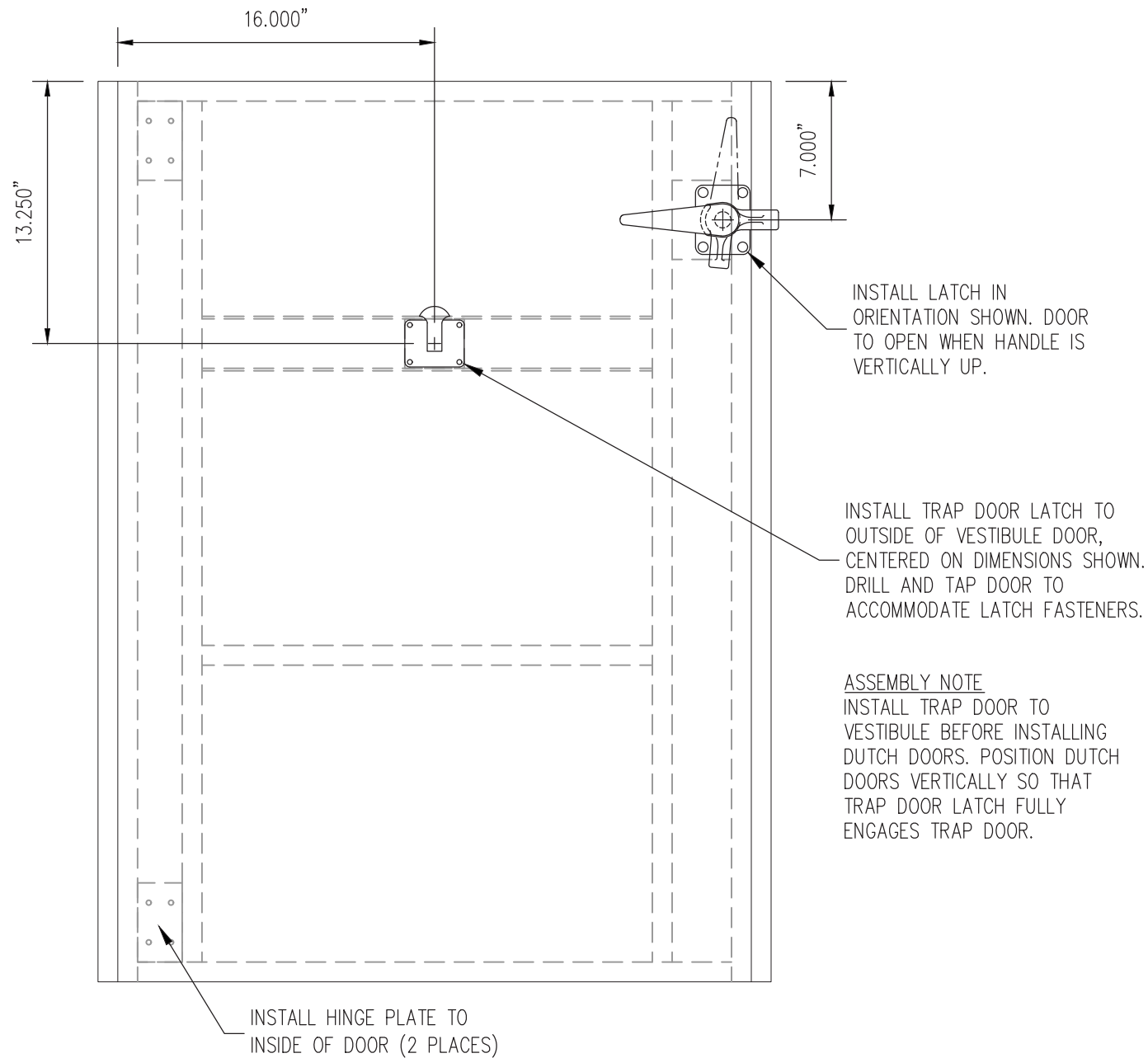


B
6 STAIR BOX - SECTION VIEW
SCALE: NTS

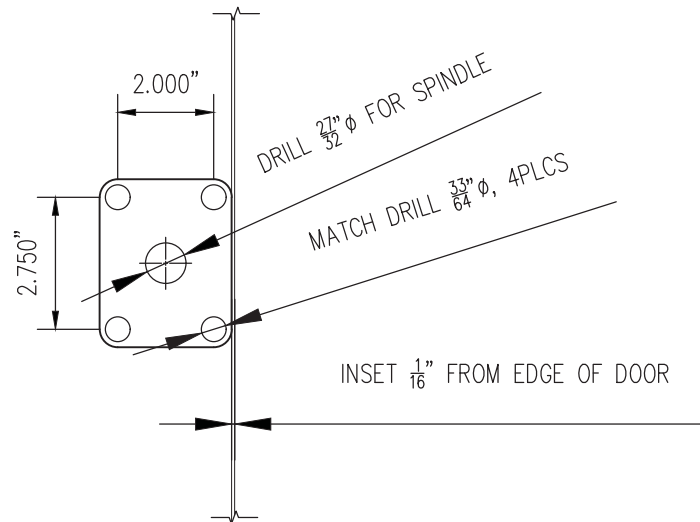
NOTES:

- 1) ALL MATERIAL 304 SS UNLESS OTHERWISE NOTED.
- 2) STAIR NOSING MATERIAL: $\frac{3}{16}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " ALLGRIP® STANDARD OR APPROVED EQUAL.
- 3) WELD PROCESS: FCAW/SAW/GTAW
- 4) CONTRACTOR TO VERIFY ALL MEASUREMENTS AND FIT OF STAIRS TO REBUILT CAR FRAME STRUCTURE.

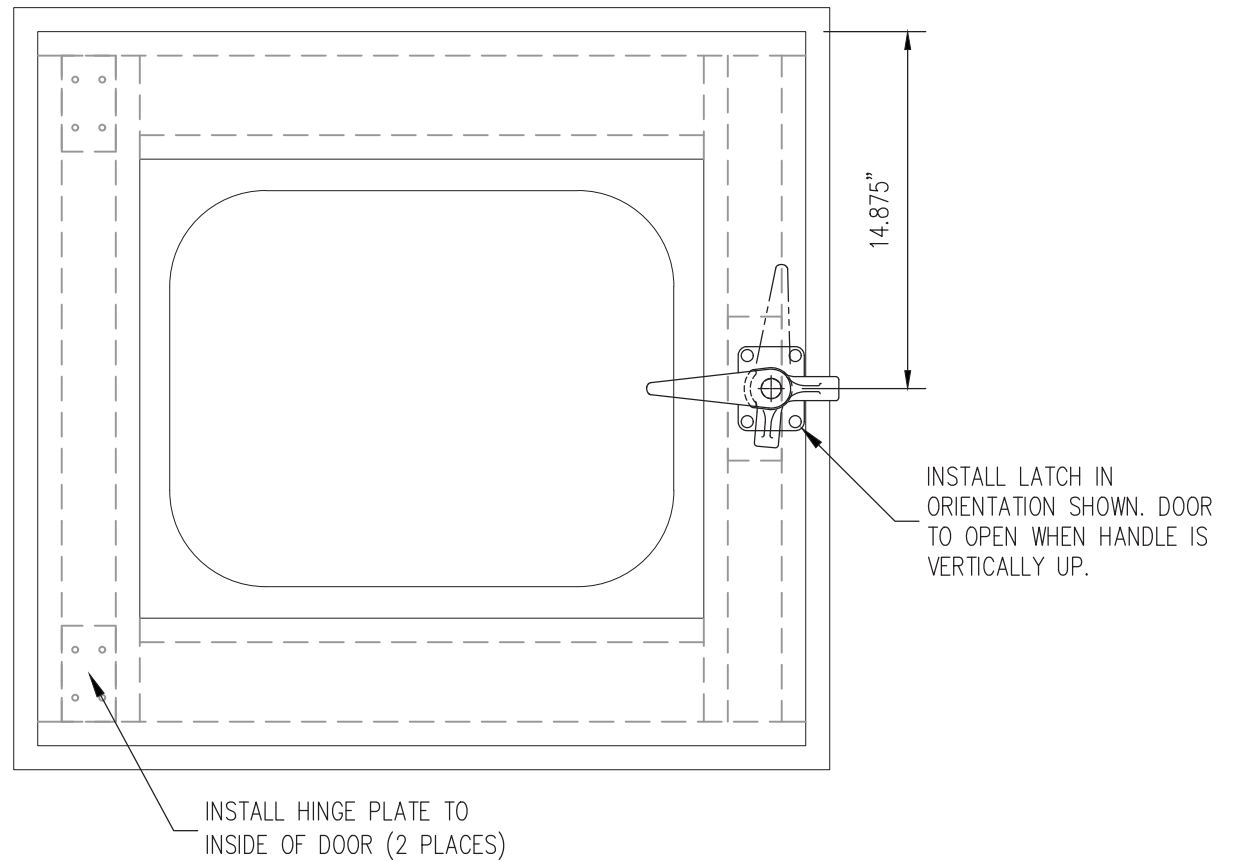
 ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT : MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT		
TITLE: ARR 551-554 VESTIBULE PARTS VESTIBULE STAIR TREAD FABRICATION		
DESIGNED BY: ARRC	SCALE : NTS	A/E NO.:
DRAWN BY: CDL		ACAD FILE:
CHECKED BY: ARRC	DATE : AUGUST 2025	DWG NO. 6 OF 7
APPROVED BY: ARRC		



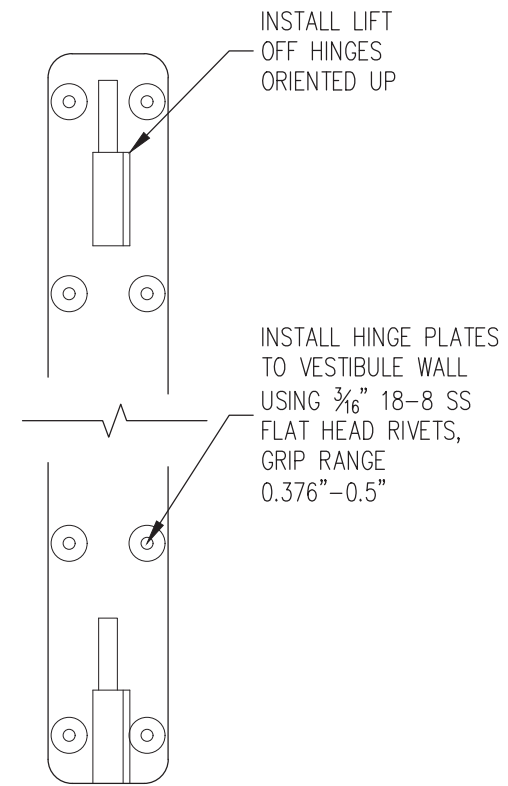
A
1 LOWER DUTCH DOOR ASSEMBLY
VIEW FROM EXTERIOR



C
1 LATCH BASE PLATE DETAIL
VIEW FROM EXTERIOR



B
1 UPPER DUTCH DOOR ASSEMBLY
VIEW FROM EXTERIOR



B
1 UPPER DUTCH DOOR ASSEMBLY
VIEW FROM EXTERIOR

NOTES:

- 1) LEFT SIDE DOOR SHOWN, RIGHT HAND DOOR IS MIRROR IMAGE OF THAT SHOWN.
- 2) LATCH IS ARRC PROVIDED JLH 2530-FB WITH #2420 KEEPERS.

 ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT : MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT		
TITLE: ARR 551-554 VESTIBULE PARTS DUTCH DOOR ASSEMBLY		
DESIGNED BY: ARRC	SCALE : NTS	A/E NO.:
DRAWN BY: CDL	DATE : AUGUST 2025	ACAD FILE:
CHECKED BY: ARRC		DWG NO. 7 OF 7
APPROVED BY: ARRC		