

DETAIL E
 (TYP TOP AND BOTTOM OF SHEET)
 SCALE 0.250

CUT OFF TAB AGAINST
 SIDE SHEET AT SEAM LOCATIONS
 PART 00594-649 (16/ASSEMBLY)

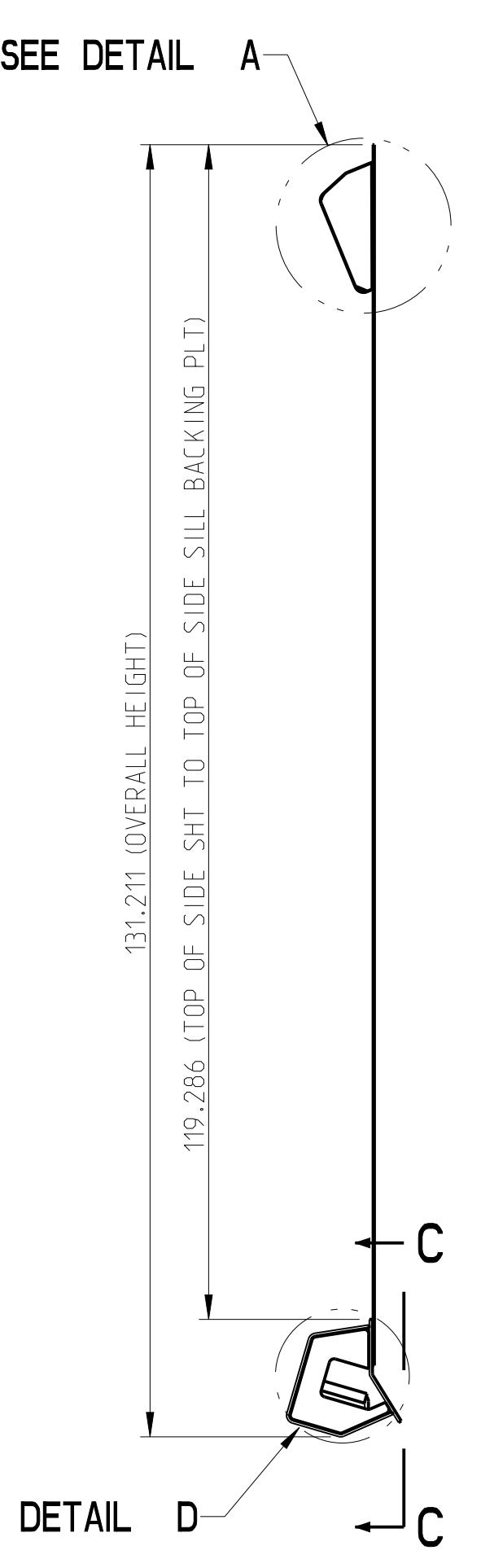
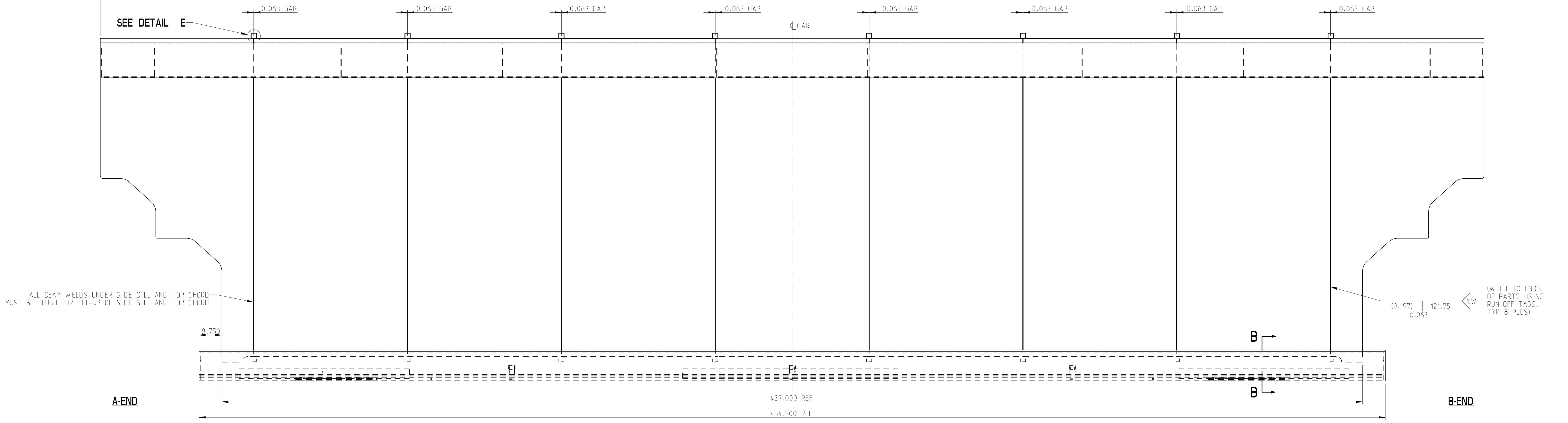
AFTER WELDING SEAM IS COMPLETE,
 REMOVE RUN-OFF TAB AND GRIND SMOOTH

0.969

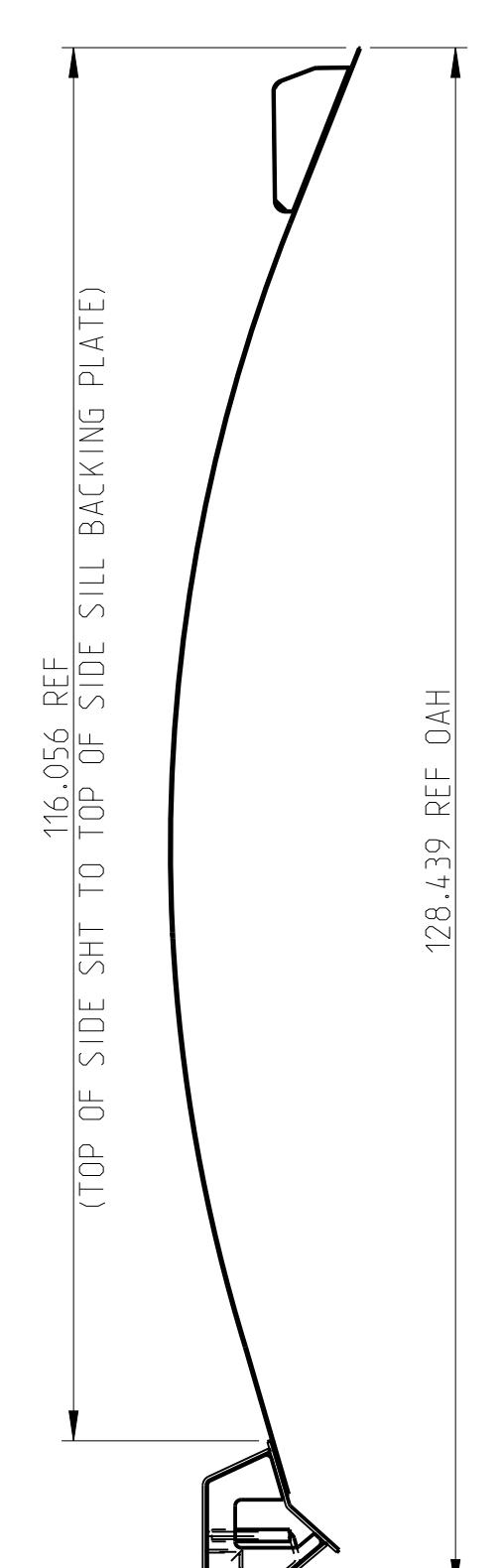
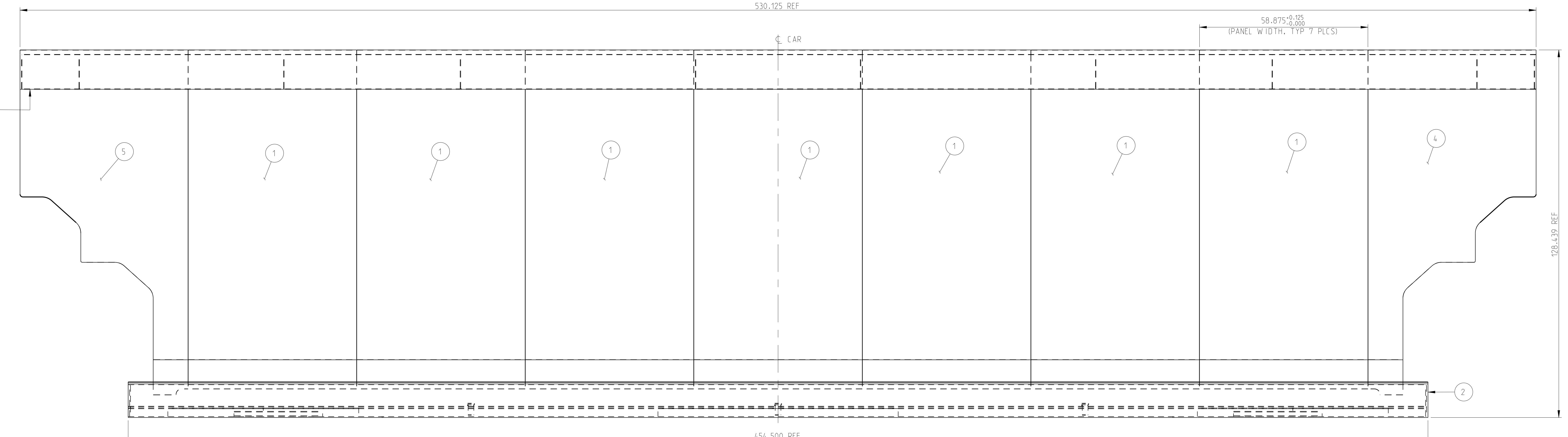
SC SPECIAL CHARACTERISTIC - FEATURE THAT IS "KEY" TO FORM, FIT,
AND FUNCTION OF THE PART/ASS'Y

Item No.	Part No.	Description	Quant
1	00309-515	PLATE, 5MM (0.197) X 58 7/8" X 121 3/4", ASTM A-1011 HSLAS GR 60, CL 1	7
2	A113336-000	ASSEMBLY, SIDE SILL, LEFT SIDE	1
3	A113337-000	ASSEMBLY, TOP CHORD	1
4	M113342-010	SIDE SHEET, END, BL/AR	1
5	M113342-020	SIDE SHEET, END, BR/AL	1

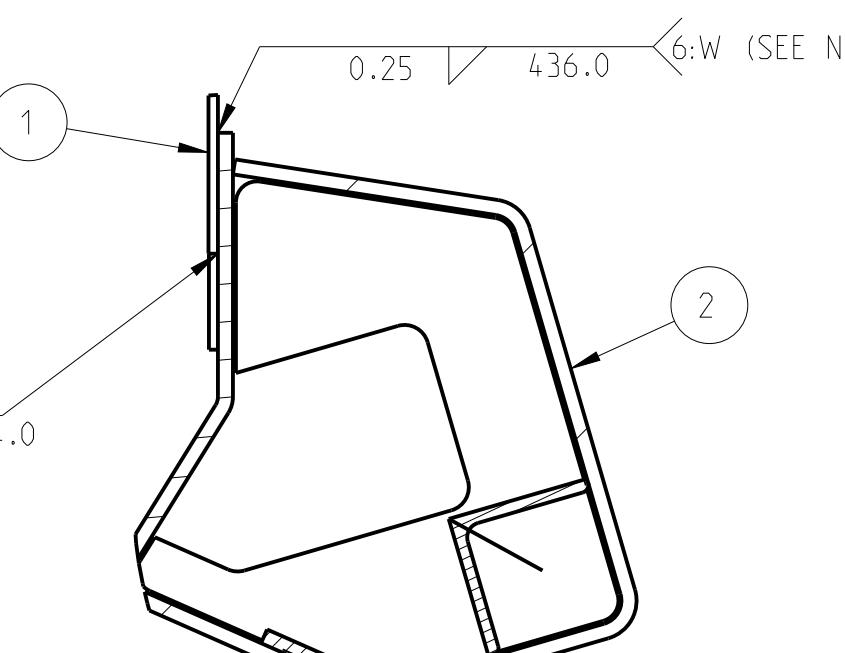
*USE RUN-OFF TABS (FCA #00594-649) FOR WELDING SIDE SHEET SEAMS, 16/ASS'Y



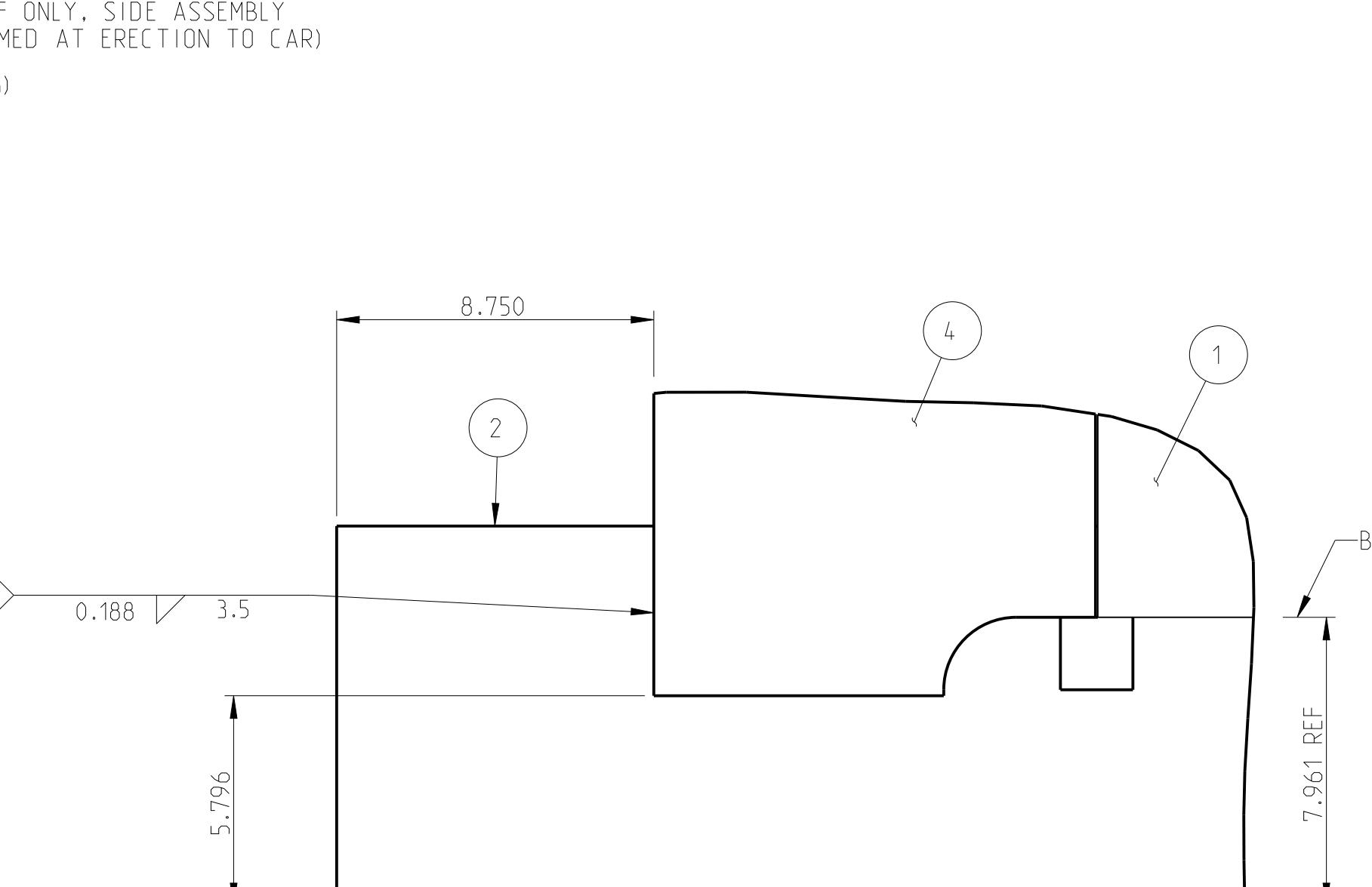
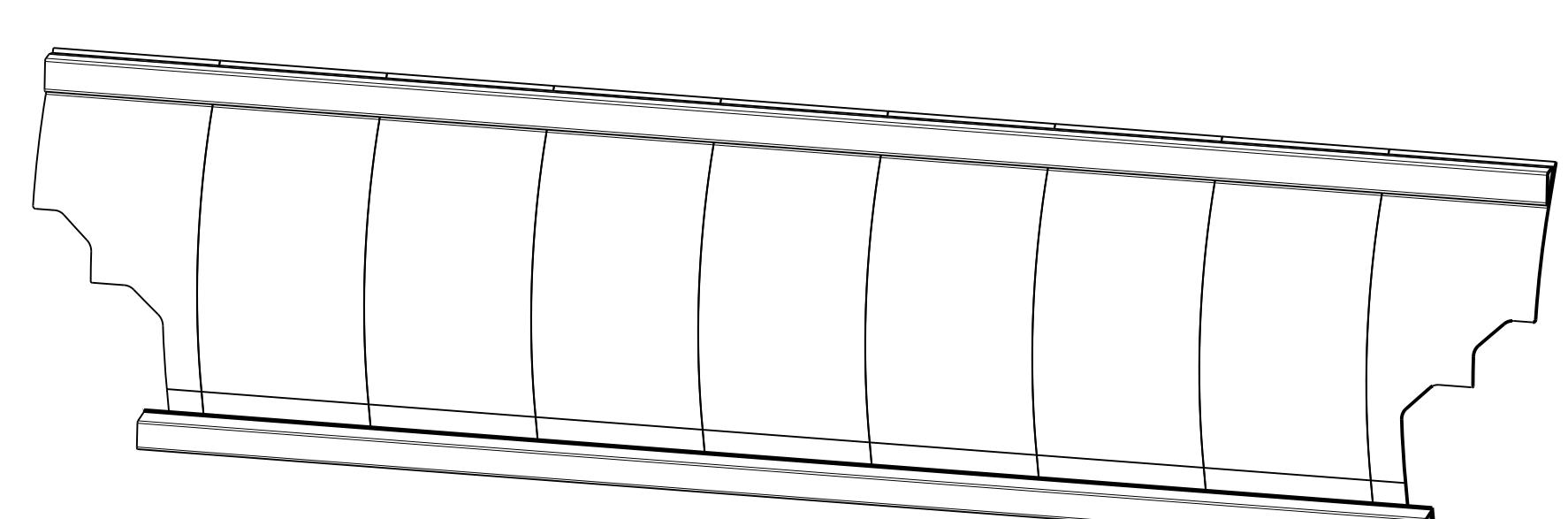
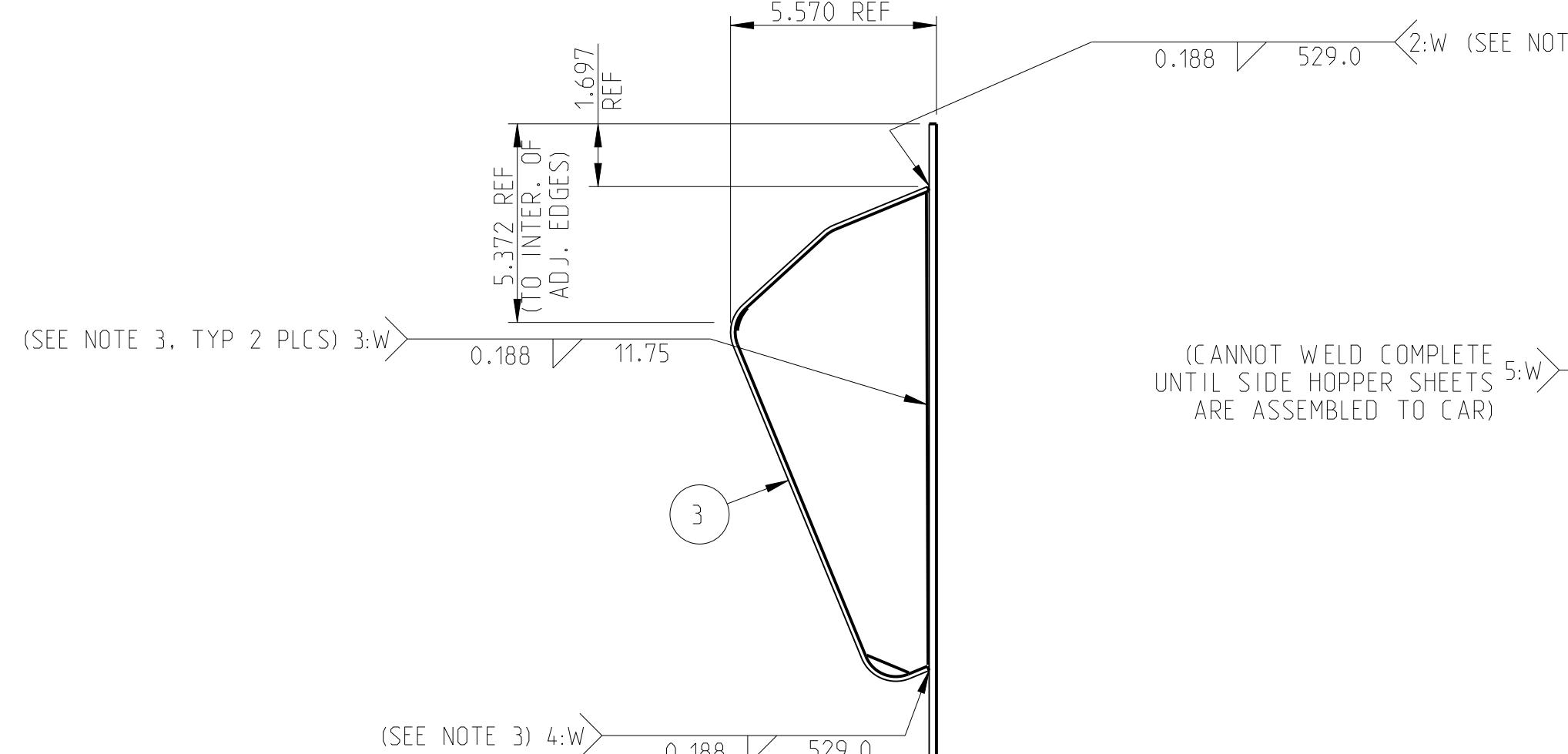
FLAT ASSEMBLY



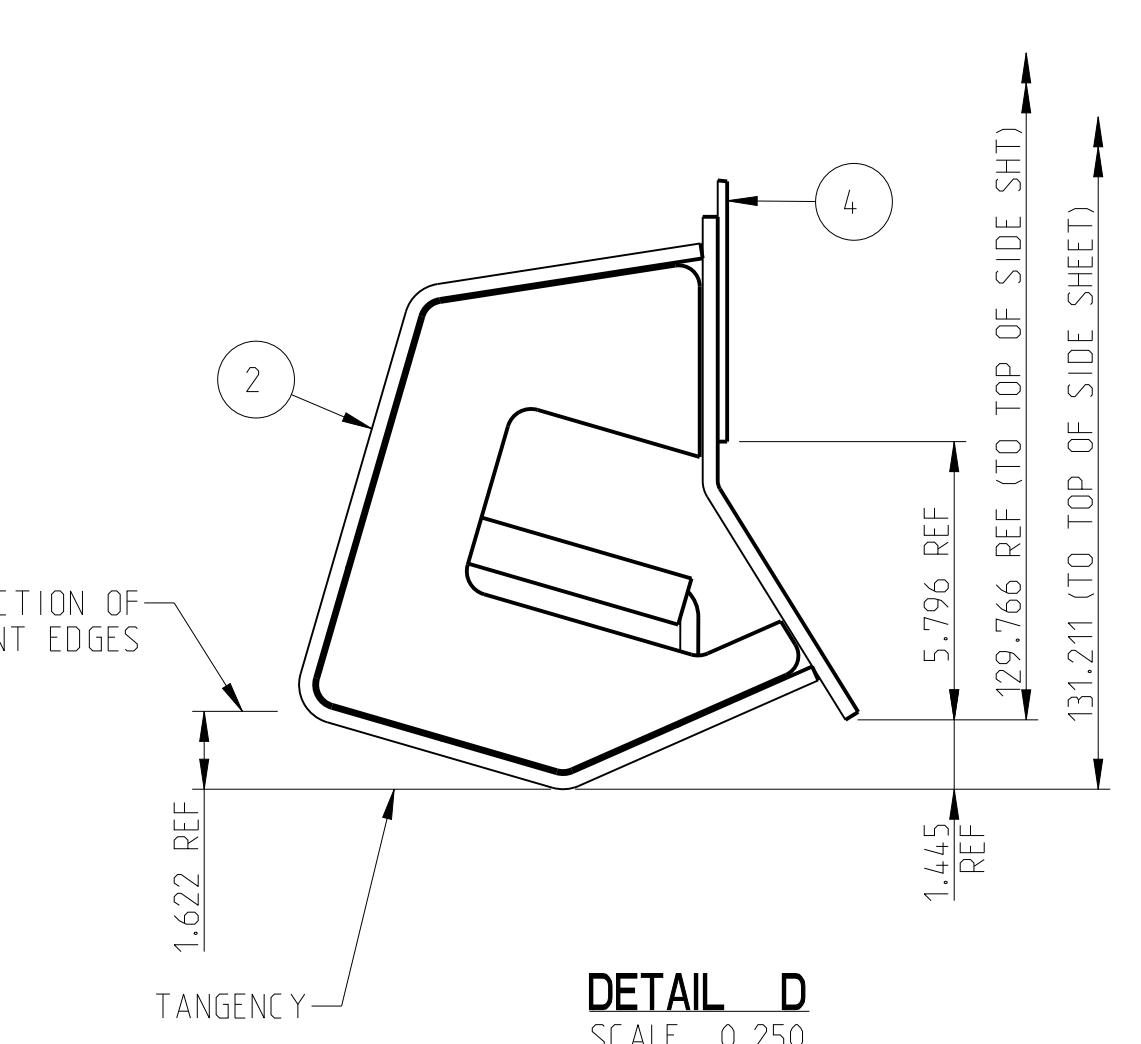
FORMED ASSEMBLY



SECTION B-



SECTION
(TYP BOTH EN
(SIDE SHL REMOVED E



DETAIL

NOTE:

1. UNLESS OTHERWISE NOTED, ALL WELD LENGTHS SHOWN ARE MINIMUM LENGTHS, WELD TERMINATIONS FOR FILLET WELDS MUST HAVE A

LENGTHS, WELD TERMINATIONS FOR FLEET WEEDS MUST HAVE A MINIMUM EDGE DISTANCE OF 0.25.

2. ALL WELDING TO BE IN ACCORDANCE WITH RAILROAD WELDING SPECIFICATION AWS D15.1, LATEST REVISION, AND TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED.

3. CONSIDER TACK-WELDING COMPONENT DURING SUB ASSEMBLY OF SIDE AND COMPLETE WELD AFTER SIDE IS PUSHED/APPLIED TO CAR.
4. WELD PROFILES PRODUCED BY THE COPPER BACK-UP BARS DURING THE

C 4. WELD PROTRUSIONS PRODUCED BY THE COPPER BACK-UP BARS DURING THE SUB-ASSEMBLY WELD PROCESS TO BE LOCATED ON THE INTERIOR SIDE OF THE CAR WHEN ASSEMBLING THE SUB-ASSEMBLY TO THE CAR.

C 5. ALL WELDS RELATIVE TO INTERIOR OF CAR MUST BE TIED TOGETHER AND GROUND/BUFFED SMOOTH (NOT NECESSARILY FLAT) FOR APPLICATION OF INTERIOR LINER. INTERIOR WELDS/JOINTS PREPARED IN ACCORDANCE TO FCA PROCEDURE 6.22.1. INTERIOR PREPARATION PROCEDURE FOR LINED COVERED HOPPER CARS.

Level	Date Approved	Description
REVISIONS		

REVISIONS

FreightCar America

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Standard Tolerances (Unless Noted)	
Decimal Dimensions ± 0.063	Hole Diameters ± 0.031
Diameter ± 0.105 Min. Wall Thick.	Angle $\pm 1^\circ$

Diagonals 0.125 Max. Variation	Angles $\pm 1^\circ$
Radii will be thickness of material	Tolerances are not accumulative
Made By: JWB	Date: 06-30-16 Ref Dwg: A112741-00

Approved: -	Do Not Scale Drawing	Est. Wt: 5324.19 lb
ASSEMBLY, SIDE, LEFT		

Sheet 1 of 1	Size E	Drawing / Part Number A113338-000	
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