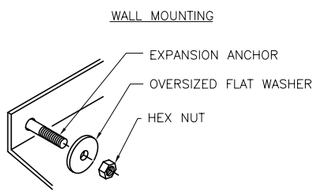
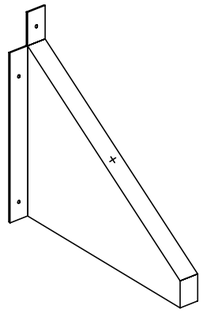
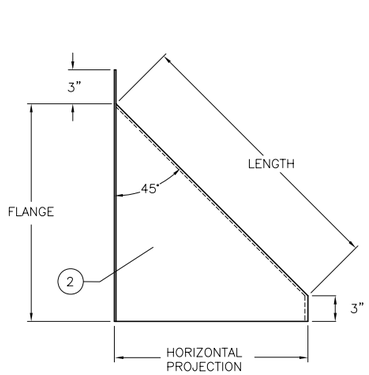
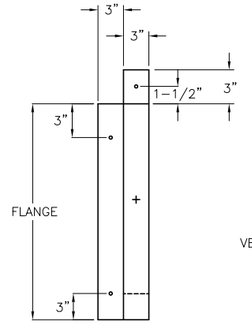


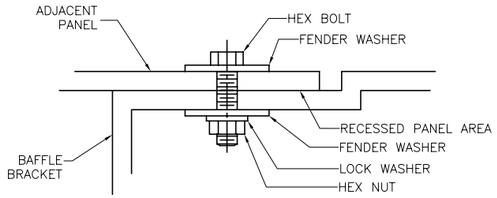
BAFFLE INSTALLATION HARDWARE



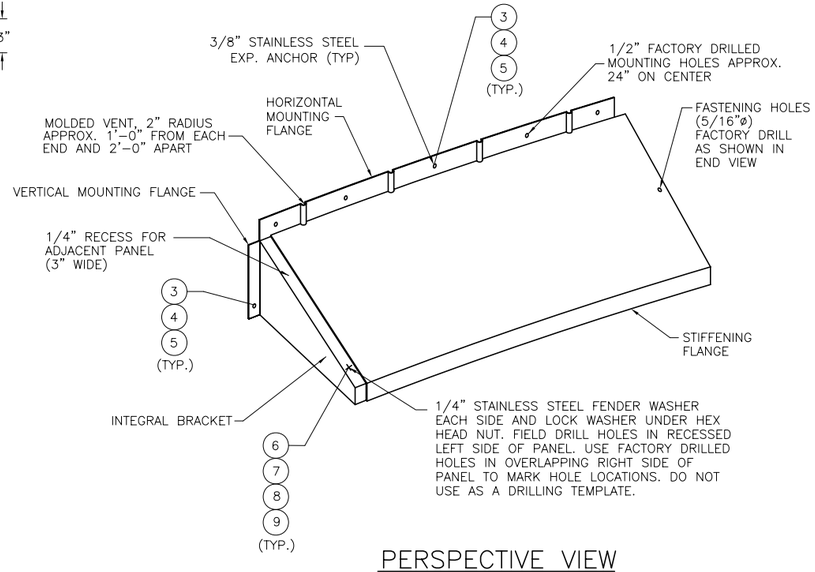




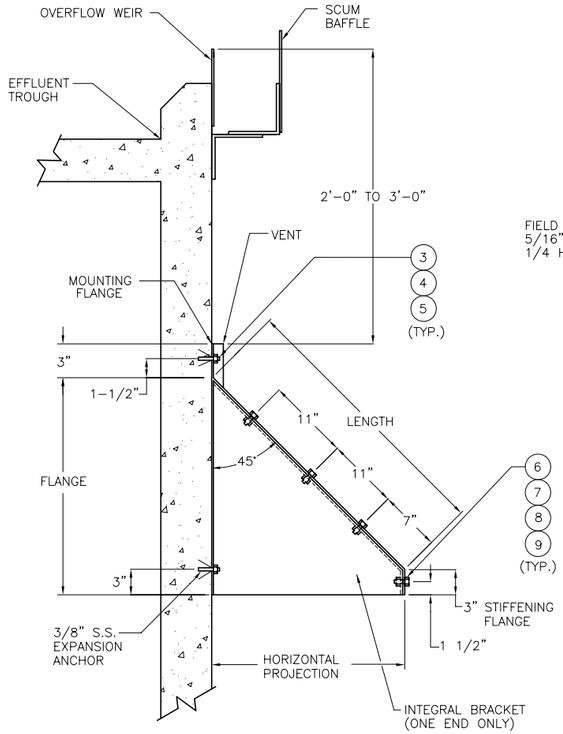
FREE–END BRACKET



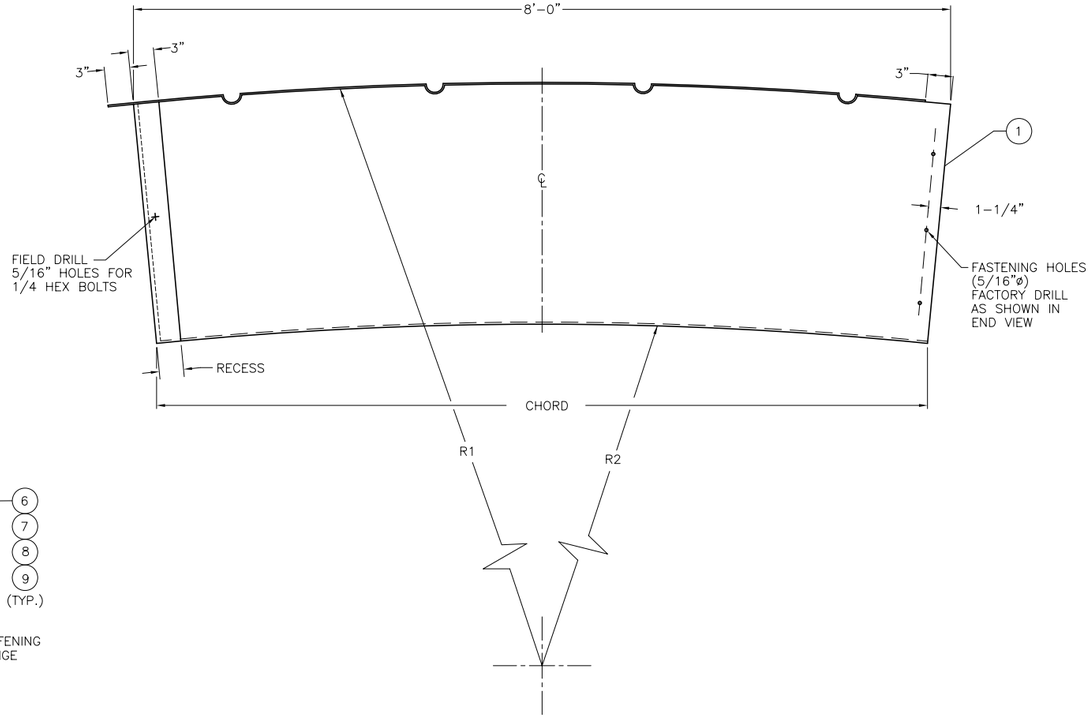
FASTENING ADJACENT PANELS



PERSPECTIVE VIEW



END VIEW



TOP VIEW

NOTES:

1. **DIAMETER AT BAFFLE = XX'–X"**
2. BAFFLE PANELS ARE CHOPPED STRAND FRP WITH 1/4" MINIMUM THICKNESS
3. 357–211 PLN CTC GLASS REINFORCEMENT OR EQUIVALENT
4. COREZYN, COR75–AQ–010, ISOPHTHALIC RESIN OR OR EQUIVELENT, WITH MINIMUM .05% BLACK PIGMENT, MAX 5% FILL AND UV SUPRESSED
5. LAMINATE SHALL NOT HAVE LESS THAN 30% GLASS CONTENT
6. ADD 2° DRAFT TO BRACKET ON PLUG TO COMPENSATE FOR SHRINKAGE
7. ONE–EIGHTH INCH RADIUS ON ALL CORNERS
8. UPPER BAFFLE SURFACE IS MOLD SMOOTH
9. UPPER BAFFLE SURFACE LAMINATED WITH ONE LAYER C–TYPE VEIL MAT
10. VERTICAL MOUNTING FLANGE TO BE REINFORCED WITH ONE LAYER OF 24 OZ WOVEN ROVING.
11. PARTS SHALL BE UNIFORMLY BLACK WITH NO FIBER SHOWING
12. PARTS ARE KNIFE TRIMMED, WITH EDGES SANDED AND HOT COATED
13. TANK MOUNTING HOLES ARE FACTORY DRILLED (1/2") AND SEALED
14. SEAL ALL CUT EDGES PER MANUFACTURERS DIRECTIONS
15. **ALL FASTENERS ARE 304 SST UNLESS OTHERWISE NOTED**
16. EACH BAFFLE SHALL HAVE THE FOLLOWING MINIMUM PHYSICAL PROPERTIES:

PROPERTY	TEST	MINIMUM VALUE
TENSILE STRENGTH	ASTM D–638	12,000 PSI
FLEXURAL STRENGTH	ASTM D–790	20,000 PSI
FLEXURAL MODULUS	ASTM D–790	1.0x10^6 PSI
BARCOL HARDNESS	ASTM D–2583	40
WATER ABSORPTION	ASTM D–570	0.2%

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PATENTS:

U.S. PATENT NO. 5,252,205
5,597,483
CANADIAN PATENT NUMBER: 2100380

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REVISION:

ENGINEER:

CONTRACTOR:

PURCHASE ORDER:

PROJECT NAME:

TITLE:
DENSITY CURRENT BAFFLE
WALL MOUNT CONFIGURATION
(TYPICAL)

DWG BY:
CHK BY:
SCALE:
DATE:

DWG NO.
SHEET NO: 1 OF 1