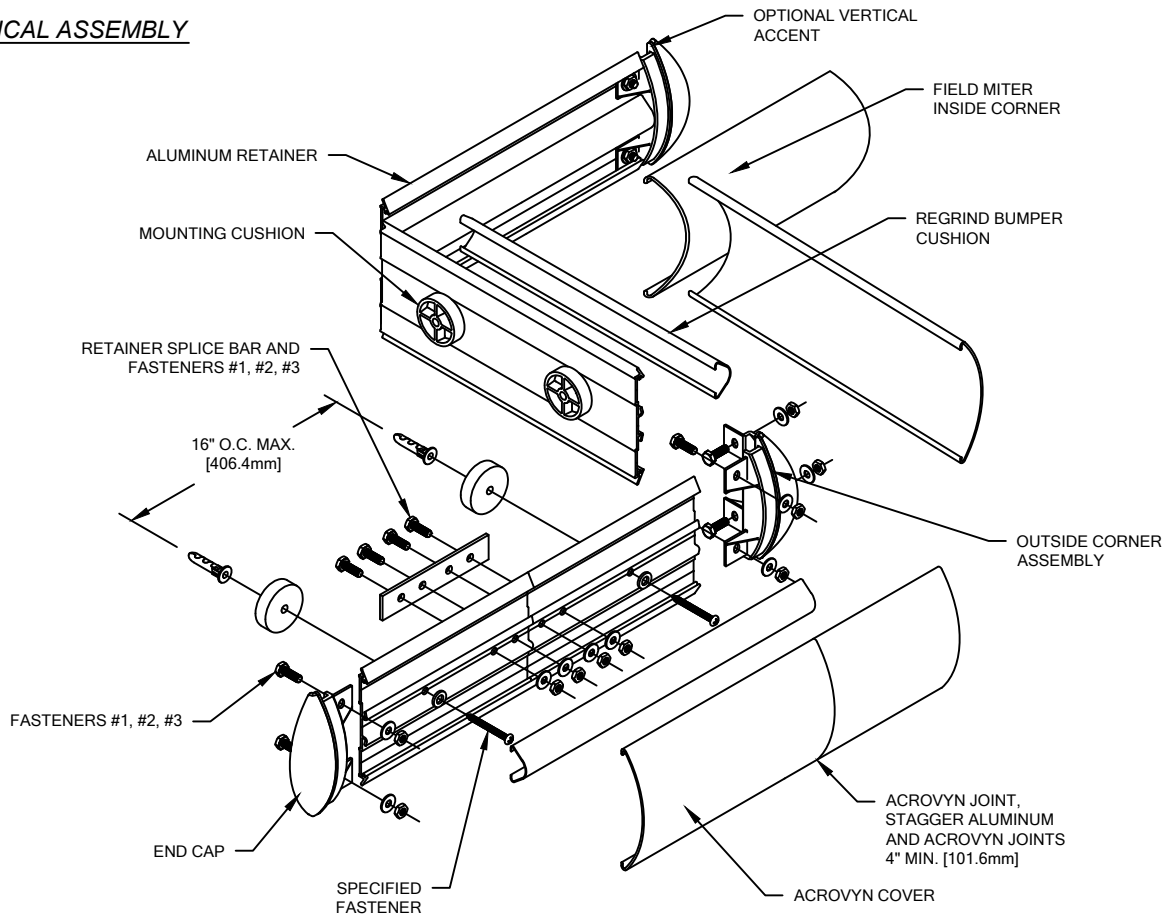


BCR-50N CRASH RAIL

TYPICAL ASSEMBLY



NOTE: INSTALLATION OF LINEAL OR RADIAL BCR-50N CRASH RAIL SHOULD BE DONE IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS.

1. ESTABLISH CRASH RAIL HEIGHT ABOVE FINISH FLOOR. DEDUCT 2 1/2" [63.5mm] AND SNAP A CHALK LINE AT THAT HEIGHT. THIS MARKS THE LOCATION OF THE FASTENERS FOR THE ALUMINUM RETAINER.
2. CUT THE CONTINUOUS ALUMINUM RETAINER TO LENGTH, USING THE REQUIRED DEDUCTIONS AS NOTED (SEE LAYOUT VIEW). PRE-DRILL CLEARANCE HOLES IN THE ALUMINUM RETAINER 16" [406.4mm] O.C., ALONG V-GROOVE AS REQUIRED. REFERENCE CHART ON PAGE 2 FOR CORRECT DRILL DIAMETERS.

NOTE: IT IS RECOMMENDED THAT THE ACROVYN COVERS AND ALUMINUM RETAINER BE CUT WITH AN 80-100 TOOTH CARBIDE TIPPED SAW BLADE OR EQUIVALENT.

3. USING THE RETAINER AS A TEMPLATE, MARK THE LOCATION OF THE FASTENERS ALONG THE CHALK LINE. USE A LEVEL TO INSURE RETAINER IS PLUMB. DRILL CLEARANCE HOLES IN WALL SURFACE FOR MOUNTING HARDWARE. REFERENCE CHART ON PAGE 2 FOR CORRECT DRILL DIAMETERS.
4. ATTACH END CAPS/OUTSIDE CORNERS BY SLIDING THE END CAP/OUTSIDE CORNER ONTO THE END OF THE RETAINER AND SECURING INTO POSITION USING TWO (2) 1/4-20 x 1/2" HEX HEAD MACHINE SCREW WITH LOCK WASHER AND NUT AT EACH END CAP AND FOUR (4) AT EACH OUTSIDE CORNER.

NOTE: TO AID IN LOCATING THE END CAPS CORRECTLY, CUT A 4" [101.6mm] SECTION OF COVER FROM SCRAP AND SNAP IT ON THE RETAINER. LOCATE THE CAP SO IT ALIGNS FLUSH WITH THE TOP AND BOTTOM OF THE COVER.

5. INSTALL EACH SECTION OF ASSEMBLED RETAINER, IN SUCCESSION, USING THE MOUNTING CUSHIONS AND THE APPROPRIATE HARDWARE. USE A LEVEL TO INSURE RETAINER IS LEVEL.

NOTE: WHEN FIELD FORMING RADIUS CRASH RAIL, BE SURE TO APPLY NEEDED PRESSURE FROM MOUNTING CUSHION TO MOUNTING CUSHION.

6. CUT THE REGRIND BUMPER CUSHION TO LENGTH NOTING THE REQUIRED DEDUCTIONS (SEE LAYOUT VIEW) AND INSTALL ONTO ALUMINUM RETAINER.
7. CUT THE ACROVYN COVER TO LENGTH. THE COVER LENGTH IS DETERMINED BY MEASURING THE DISTANCE BETWEEN THE INSTALLED END CAPS AND/OR INSIDE/OUTSIDE CORNER ASSEMBLIES.

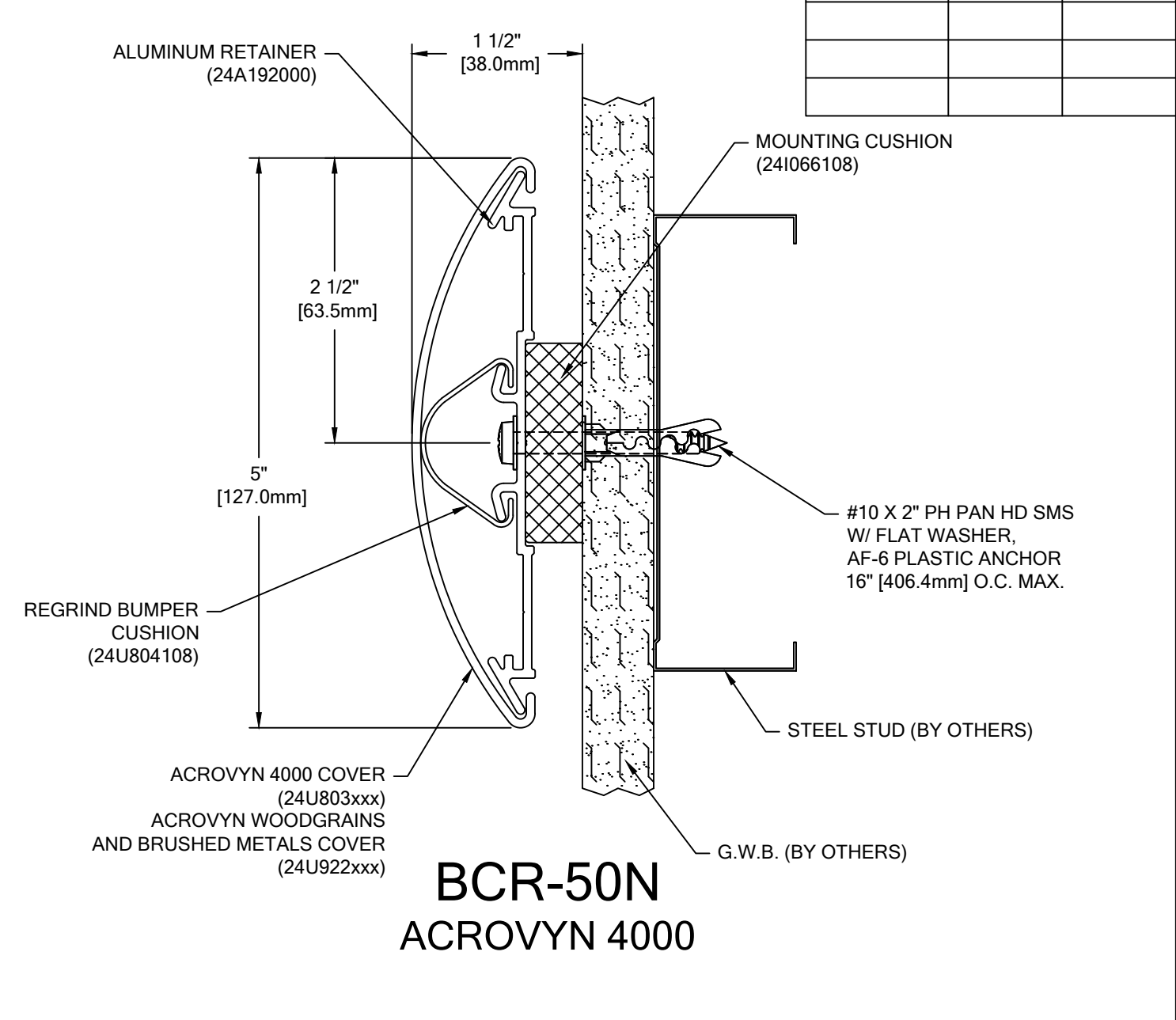
NOTE: IT IS RECOMMENDED THAT THE ACROVYN COVERS BE CUT SLIGHTLY LONGER (1/32" UP TO 5'-0", 1/16" OVER 5'-0") THAN THE MEASURED DISTANCE. THIS ADDITIONAL LENGTH WILL PROVIDE FOR A TIGHTER COVER-TO-END CAP FIT.

8. ALIGN THE TOP OF THE ACROVYN COVER WITH THE TOP OF THE ALUMINUM RETAINER AND SNAP THE COVER ONTO THE BOTTOM SECTION OF THE RETAINER.

NOTE: MANUFACTURER RECOMMENDS ALL PRINTED "PRODUCT IDENTIFICATION" ON THE REAR OF THE ACROVYN PROFILE SHALL BE ORIENTED IN THE SAME DIRECTION DURING INSTALLATION TO ENSURE PROPER ALIGNMENT AT SPLICE BUTT JOINTS.


COLOR:
CRASH RAIL: _____
 COLOR TO BE SELECTED FROM ONE OF C/S STANDARD COLORS.
 *OPTIONAL VERTICAL ACCENT AVAILABLE. SEE C/S CATALOG FOR COLORS.

| TOTAL L/F REQ'D | END CAPS | O.S. REQ'D |
|-----------------|----------|------------|
| | | |
| | | |
| | | |



BCR-50N ACROVYN 4000

| WALL CONDITION | SPECIFIED FASTENER | DRILL DIAMETERS | | C/S PART NUMBER |
|---|--|-----------------|----------|-------------------------------------|
| | | WALL | RETAINER | |
| STEEL STUD/GYPSUM WALL | #10 X 2" PHILLIPS PAN HEAD SMS 1/4" FLAT WASHER STEEL PLATED SAE AF-6 PLASTIC ANCHOR | 1/4" | 9/32" | 90H191002 90H007003 90H039004 |
| CONCRETE/CONC. BLOCK | #10 X 2" PHILLIPS PAN HEAD SMS 1/4" FLAT WASHER STEEL PLATED SAE AF-6 PLASTIC ANCHOR | 1/4" | 9/32" | 90H191002 90H007003 90H039004 |
| WOOD STUD/GYPSUM WALL | #10 x 2-1/4" PHILLIPS PAN HEAD SMS 1/4" FLAT WASHER STEEL PLATED SAE | N/A | N/A | 90H421008 90H007003 |
| 20 GA. MIN. STEEL STUD AND 20 GA. MIN. STEEL STRAPPING / GYPSUM WALL (CONSTRUCTION REQUIRED) (TEK SCREWS) | #8 x 2-5/8" PHILLIPS FLAT HEAD BUGLE HEAD TEK SCREW | N/A | N/A | 90H079008 |

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| | JOB NO.: | F&F: |
| | CUSTOMER: | |
| | REP: | DATE: |
| | DRAWN BY: | SHEET NO: |