

SECTION 07412 – STEEL AND ALUMINUM ROOFING, FACIA AND SOFFIT PANELS

1. GENERAL:

- A. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND PERFORM ALL WORK AND SERVICES FOR ALL STEEL FASCIA AND SOFFIT PANELS, AS SHOWN ON DRAWINGS AND AS SPECIFIED, IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT DOCUMENTS, AND COMPLETELY COORDINATED WITH WORK OF OTHER TRADES.
- B. ALTHOUGH SUCH WORK IS NOT SPECIFICALLY INDICATED, FURNISH AND INSTALL ALL SUPPLEMENTARY OR MISCELLANEOUS ITEMS, APPURTENANCES AND DEVICES INCIDENTAL TO OR NECESSARY FOR A SOUND, SECURE AND COMPLETE INSTALLATION.
- C. PANELS ARE TO BE SIMILAR TO THOSE OF THE ADJACENT BUILDING.

2. QUALITY STANDARDS:

- A. SUPPLY MATERIALS AND PERFORM ALL WORK IN COMPLIANCE WITH LATEST EDITION OF:
 - ASTM STANDARDS
 - SMRCA STANDARDS
 - SMACNA STANDARDS

3. SUBMITTALS:

- A. SUBMIT SHOP DRAWINGS INDICATING PRODUCT DATA, FASTENINGS AND ANCHORING METHODS AND COMPLIANCE WITH WIND LOAD REQUIREMENTS.
- B. SUBMIT SAMPLES FOR APPROVAL DEMONSTRATING SIMILARITY TO PANELS OF ADJACENT BUILDING
- C. SUBMIT SEPARATION MATERIAL TO BE USED BETWEEN WALKWAY FRAMING AND ALUMINUM WALKWAY ROOFING PANELS.

4. PRODUCT DELIVERY STORAGE AND HANDLING:

- A. PROTECT PRODUCTS AND ACCESSORIES FROM DAMAGE AND DISCOLORATION DURING TRANSIT AND AT PROJECT SITE, STORE SHEETS AND COMPONENTS IN DRY STORAGE AREA TO PREVENT CONDENSATION.
- B. WHERE POSSIBLE, BREAK MATERIALS IN SHOP TO MINIMIZE FIELD FORMING OPERATIONS.

5. MATERIALS:

- A. ALL ROOFING PANELS SHALL BE PRE-FINISHED STEEL PANELS EQUAL TO ATAS DUTCH SEAM MRDII0 , 22 GA. SMOOTH METALLIC COATED STEEL WITH KYNAR 500 FINISH, IN ONE OF MANUFACTURERS STANDARD COLORS.
- B. ALL FASCIA PANELS SHALL BE PRE-FINISHED STEEL PANELS EQUAL TO ATAS MULTI PURPOSE PANEL MPN 12 INCHES WIDE, 22 GA. METALLIC COATED STEEL WITH KYNAR 500 FINISH, IN ONE OF MANUFACTURERS STANDARD COLORS.

WEST NAVARRE INTERMEDIATE SCHOOL
5 CLASSROOM ADDITION

- B. ALL SOFFIT PANELS SHALL BE PRE-FINISHED STEEL PANELS EQUAL TO ATAS DESIGN WALL FLUSH PANEL DWF 12 INCHES 22 GA. METALLIC COATED STEEL WITH KYNAR 500 FINISH, IN ONE OF MANUFACTURERS STANDARD COLORS
- C. ALL COMPONENTS OF THE SYSTEM SHALL BE FURNISHED BY THE SAME MANUFACTURER.

(OTHER APPROVED MANUFACTURERS SUBJECT TO COMPLIANCE WITH THE SPECIFICATIONS)

(1) PETERSON ALUMINUM CORPORATION

- D. ALL COVERED WALKWAY PANELS SHALL BE FABRAL 1 ¾" V-BEAM ROOFING PANELS, .040 ALUMINUM, REVERSE ROLL, COLOR SIDE DOWN, WITH A KYNAR 500/HYLAR 5000 FINISH. COLOR TO BE SELECTED BY THE ARCHITECT.
 - 1. PROVIDE NEOPRENE TAPE SEPARATOR BETWEEN ALUMINUM ROOFING AND STEEL FRAMING

6. INSTALLATION:

- A. COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS IN ORDER TO ACHIEVE WEATHER TIGHT INSTALLATION, AND ANCHOR SECURELY IN PLACE, SPACING FASTENERS AS PER MANUFACTURER'S RECOMMENDATIONS FOR THE DESIGN WIND LOAD CRITERIA.

END OF SECTION