



Central Purchasing

T. W. Sawyer, CPPO  
Purchasing Agent

May 9, 2014

**ADDENDUM NO. 1 - TO ALL BIDDERS**  
Reference Invitation for Bid (IFB) No. 1911

Title: Metal Roof Replacement: Magruder Elementary School.

Dated: April 28, 2014

Due Date: **Tuesday May 15, 2014, at 3:30pm**

**Corrected Due Date: Thursday May 15, 2014, at 3:30pm**

All other terms and conditions remain the same.

**See attached pages; and drawings, posted on the  
website.([www.yorkcounty.gov/purchasing](http://www.yorkcounty.gov/purchasing))**

Note: A signed acknowledgment of this addendum must be received by this office either prior to the due date or attached to your bid. Signature on this addendum does not constitute your signature on the original document. The original document must be signed also.

Sincerely,

  
Victor Robinson Buyer

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Name of Firm

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Signature/Title

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Date



120 Alexander Hamilton Blvd. • PO Box 532 • Yorktown, Virginia 23690-0532 • (757) 890-3680

TDD (757) 890-3300

*A Hampton Roads Community*

Email: [tsawyer@yorkcounty.gov](mailto:tsawyer@yorkcounty.gov)



IFB1911 Addendum #1

***** PLANHOLDERS OF RECORD IFB1911 *****						
VENDOR_NAME	ADDR1	ADDR2	CITY	ST	ZIP	PHONE FAX
Starburst Construction LLC	801 E. 25th Street	<a href="mailto:lynn@starburstconstructionllc.com">lynn@starburstconstructionllc.com</a>	Norfolk	VA	23504	(757) 351-1763 (757) 351-2564
<b>PRE-BID MEETING HELD 5/6/2014</b>						
Air Tech	Jose Romero	<a href="mailto:wbonilla@airtechsolutionsinc.com">wbonilla@airtechsolutionsinc.com</a>				571-238-4180
Haley Builders	J. R. Chestnutt	<a href="mailto:ghaley@haleybuilders.com">ghaley@haleybuilders.com</a>				804-798-5480
LaFave's Construction	<u>Joe Lafave</u>	<a href="mailto:jlafave@lafavesconst.com">jlafave@lafavesconst.com</a>				704-857-1171 704-857-1172
York County School Div.	Mark Tschirhart	<a href="mailto:mtschrhart@ycsd.york.va.us">mtschrhart@ycsd.york.va.us</a>				757-876-8681
Hudson & Associate Architects	Richard Corner	<a href="mailto:rcorner@hudson.arch">rcorner@hudson.arch</a>				757-722-1964 757-722-0280
York County Central Purchasing	Victor Robinson	<a href="mailto:victor.robinson@yorkcounty.gov">victor.robinson@yorkcounty.gov</a>				757-890-3682
Starbust Construction		<a href="mailto:lynn@statesroofing.com">lynn@statesroofing.com</a>				757-353-0890 757-351-2564
Roof Engineering Corp	Ronald Catty??	<a href="mailto:estimating1@roof-engineering.com">estimating1@roof-engineering.com</a>				757-455-8333 757-455-8251
Westar Roofing	Buck Nash	<a href="mailto:bnash@westarroofing.com">bnash@westarroofing.com</a>				757-368-4189 757-368-4190
Creasy Whited	Tommy Clark	<a href="mailto:tommyclark@creasywhiteed.com">tommyclark@creasywhiteed.com</a>				757-766-0171 757-766-1170
Roof Systems of VA, Inc.	Patrick Koren	<a href="mailto:pkoren@roofsys.com">pkoren@roofsys.com</a>				804-231-2875 804-231-6326
Shudeo Roofing	Jimmy Shuddeo	<a href="mailto:shudeoroo@aol.com">shudeoroo@aol.com</a>				757-627-8584 757-677-8715
J Coogan		<a href="mailto:buydavette@aol.com">buydavette@aol.com</a>				757-380-6100
Creasy Whiteed	Willie Wright	<a href="mailto:willie@creasywhiteed.com">willie@creasywhiteed.com</a>				757-766-0171

**ADDENDUM NO. 1 May 7, 2014 Metal Roof Replacement at Magruder Elementary School York County School Division IFB #1911**

Addendum No. 1 is prepared by:  
Hudson + Associates Architects

The following additions, deletions and/or modifications are to be incorporated with the Contract Documents and acknowledgment of receipt of this Addendum shall be noted on the Bid Form submitted.

**Pre-Bid Meeting Minutes**

Included in and attached to this Addendum are pre-bid meeting minutes, for the meeting held at the Magruder Elementary School, at 10:00 a.m. on May 6, 2014, and are hereby made part of the Contract Documents.

**Project Manual Changes & Clarifications**

**DIVISION 00 - PROCUREMENT & CONTRACTING REQUIREMENTS**

**Item 1** Invitation for Bids IFB #1911: Under Article 2.0 CONTRACT TIME (Page 3 of 46), REVISE Paragraph A in its entirety to read as follows:

"A.) The Contractor shall expedite submittals and order materials immediately upon receipt of Notice to Proceed. The Work in the field shall start no earlier than Monday, June 16, 2014, **and all work must be substantially completed by September 15, 2014.** Final Completion shall be no later than September 30, 2014. The Contractor is highly encouraged to achieve substantial completion, if possible, prior to the start of School on September 2, 2014."

**Item 2** Invitation for Bids IFB #1911: Under the "CONTRACT FORM SERVICES CONTRACT," following the Bidding Documents, REVISE the paragraph entitled "Time" (on Page 38 of 46) in its entirety to read as follows:

"Time:

The undersigned Contractor agrees to commence work immediately after the date of Notice to Proceed and further agrees to complete the Contract Work within the following specified time limits:

The Contractor shall expedite submittals and order materials immediately upon receipt of Notice to Proceed. The Work in the field shall start no earlier than Monday, June 16, 2014, **and all work must be substantially completed by September 15, 2014.** Final Completion shall be no later than September 30, 2014."

**ADDENDUM NO. 1 May 7, 2014 Metal Roof Replacement at Magruder Elementary School York County School Division IFB #1911**

**DIVISION 01 - GENERAL CONDITIONS**

**Item 3** Specification Section 011000 Summary of Work: Under paragraph titled CONTRACT TIME (on Page 2 of this Section), REVISE sub-paragraph 'A,' in its entirety to read as follows:

"A. The Contractor shall expedite submittals and order materials immediately upon receipt of Notice to Proceed. The Work in the field shall start no earlier than Monday, June 16, 2014, **and all work must be substantially completed by September 15, 2014.** Final Completion shall be no later than September 30, 2014. The Contractor is highly encouraged to achieve substantial completion, if possible, prior to the start of School on September 2, 2014."

**Item 4** Specification Section 011000 Summary of Work: Under paragraph titled MISCELLANEOUS PROVISIONS (on Page 4 of this Section), REVISE Sub-Paragraph 'H,' in its entirety to read as follows (changed text appears in *italics*):

"H. Condition of the Existing Building: **The Contractor will be responsible for maintaining the building in a weathertight condition throughout the construction period and repair damage caused by construction operations.** *Remove only as much roofing as can be made watertight in a single day. Metal roofing must be applied and completed in a timely manner thereafter (three weeks or less), so as to limit exposure of the synthetic underlayment and self-adhering membrane flashing to sun and weather.* Take all precautions necessary to protect the building and its occupants during the construction period. Any damages caused to the Owner's property or property of any of the Owner's employees as a result of the Contractor's operations shall be repaired to the condition before the damage occurred, at the Contractor's expense."

**DIVISION 02 - EXISTING CONDITIONS**

**Item 5** Specification Section 024119 Selective Demolition: Under Paragraph 3.4 REMOVAL OF EXISTING ROOFING, Sub-Paragraph 'B,' REVISE the wording to read as follows: "Remove only as much roofing as can be made watertight in a single day."

**DIVISION 07 – THERMAL AND MOISTURE PROTECTION**

**ADDENDUM NO. 1 May 7, 2014 Metal Roof Replacement at Magruder Elementary School York County School Division IFB #1911**

**Item 6** Specification Section 074113 Metal Roof Panels: Under Paragraph 1.4, PERFORMANCE REQUIREMENTS, Sub-Paragraph 'F,' Structural Performance, ADD the following item after Item 3, Deflection Limits:

"4. Existing Structural Conditions: The existing facility's sloped roofing system consists of a panelized, 2-inch thick 'Spanrock' gypsum deck that spans across/perpendicular to an open-web, cold-formed-framed metal roof truss system manufactured by Jewell Building Systems. Roof trusses are typically 4'-0" o.c. Additionally, the Spanrock panels bear on rolled steel bulb-tees that also span across joists, parallel to the long edge of the gypsum panels, spaced approximately 2'-0" o.c. The rolled steel bulb tees are 2 inches high with two 1-1/2 inch wide bottom flanges. It is believed that the bulb tees are formed from 14 or 16 gauge steel; however, the actual thickness must be field verified during construction, as a thorough review of original design and shop drawings does not indicate the gauge thickness. Existing sheet metal supports, elsewhere at roof edges and valleys, are indicated as 16 gauge thickness on as-built drawings. The Spanrock panels are anchored down by gypsum grouting at seams as well as with metal cap strips across tops of bulb tees. There is evidence that the cap strips are screwed down through top of the bulb tees between panels. For bidding purposes, Bidders may assume that the existing structure, except where deteriorated gypsum planks are required to be replaced, is structurally sound and capable of resisting and/or bearing all loads as required for the new roof system without modification."

**Item 7** Specification Section 074113 Metal Roof Panels: Under Paragraph 1.12, WARRANTY, ADD the following general statement to each of the three Special Warranties listed under this Section: **"All of the Special Warranties listed herein shall be subject to no dollar limitation."**

**Item 8** Specification Section 074113 Metal Roof Panels: Under Paragraph 2.3, SUBSTRATE NAILBASE INSULATION BOARDS, REVISE Sub-Paragraph 'A' in its entirety to read as follows:

"A. Hybrid of 19/32-inch minimum thickness, APA-rated CDX plywood with rigid, HCFC-free, polyisocyanurate board per ASTM C1289, 20 PSI minimum compressive strength, with minimum aged R-Value of 21.0. The insulation will include 1-inch minimum spacer strips to separate the plywood from the polyiso board. The polyiso board shall have a universal fiber glass-reinforced facer on each side. A permeable radiant barrier at the underside of the plywood nailing surface is not required. A double layer of polyiso insulation is permissible with

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staggered joints. Oriented strand board (OSB) facer will not be permitted in lieu of plywood facer.

1. Products: Subject to compliance with requirements **and approval by the SSMR manufacturer**, available products that may be incorporated into the Work include, but are not limited to, the following:

- a. Atlas Roofing Corporation, AC Foam CrossVent RB.
- b. Hunter Panels, Cool-Vent II.
- c. Johns-Manville, Vented Nailboard."

**Item 9** Specification Section 074113 Metal Roof Panels: Under Paragraph 3.1 GENERAL, REVISE the wording to read as follows: "Remove only as much roofing as can be made watertight in a single day. Apply metal roofing in a complete and timely manner thereafter (three weeks or less), so as to limit exposure of the synthetic underlayment and self-adhering membrane flashing to sun and weather.

"

**Item 10** Specification Section 074113 Metal Roof Panels: Following Paragraph 3.13, Spare Roof Panel Materials, ADD Paragraph 3.14 "Roofing Installer's Warranty" requirements. These are included as an attachment to this Addendum.

**Changes & Clarifications to the Contract Drawings**

**Item 11** On Drawing G0.01, TITLE SHEET, LIST OF DRAWINGS, NOTES, MAPS: Under the Flashing and Sheet Metal Notes on right-hand side of the drawing, REVISE Note No. 5 thereunder to read as follows:

"5. REFER TO THE FLASHING AND SHEET METAL SCHEDULE AND RELATED NOTES ON SHEET A3.01."

**Item 12** On Drawing A3.01, ROOFTOP EQUIPMENT SCHEDULE: ADD the "Flashing and Sheet Metal Schedule, Remarks and Notes," attached to this Addendum, to the left of the Rooftop Equipment Schedule.

**Attachments:** Pre-Bid Meeting Minutes, May 6, 2014

Addition to End of Specification Section 074113 Metal Roof Panels, ROOFING INSTALLER'S WARRANTY Flashing and Sheet Metal Schedule, Remarks and Notes to be added to Sheet 3.01

**End of Addendum No. 1**

**By:** Richard S. Corner, AIA, CSI

**Project Name:** Magruder E.S. Metal Roof Replacement, York County School Division

**Project No.:** IFB No. 1911

**Re: Pre-Bid Meeting Minutes**

The purpose of this meeting was to review the scope of the project and address questions from prospective bidders. The following items were discussed:

1. Bids are due on Thursday, May 15, 2014 at 3:30 PM local time in the Central Purchasing Department, County of York, VA, 120 Alexander Hamilton Blvd., Second Floor, Yorktown, Virginia 23690.
2. Contract Time: The project will commence with the Owner's written "Notice to Proceed" and shall achieve substantial completion no later than September 15, 2014. Final completion shall be achieved no later than September 30, 2014. **Addendum No. 1 will indicate these revised these dates in the IFB, issued concurrently with these Minutes.**
3. Liquidated damages are applicable to this project. LDs are identified under Article 9.11 of the Supplemental Conditions (on Page 21 of 46).
4. Article 16, Bid Security: A Bid Guarantee in the amount of 5% of the total Bid Price must be submitted with the Bid accompanied by completed Bid Bond (AIA Document A310 is recommended), certified check, or cashier's check. A performance bond will also be required of the eventual successful Bidder prior to issuance of Contract.
5. Article 29, Bid Schedule: The Bid Form begins on Page 31 of 46 in IFB #1911. Bidders are also advised to complete and submit the bottom of Page 1 of 46 as the cover to their bids.
  - a. There are a total of two (2) Unit Price Bid Items identified in the IFB and listed in Spec Section 012200. There are unit prices that correspond to the first two (2) of four (4) Allowances listed in the IFB, Bid Schedule and Spec Section 012100. Bidders are admonished to review and complete the Bid Form carefully and completely so as not to be considered unresponsive.
  - b. Base Bid Lump Sum: This is to be completed by writing out the total amount using words, and, in parentheses, including the bid total numerically in \$US. Please write this carefully, and make sure both figures agree.

6. Article 31: Acknowledging Addendae: Bidders are required to acknowledge on the Bid Form receipt of all addendae issued in conjunction with IFB #1911.

7. Articles 30 and 35: Contractor Qualifications: These are to be completed (starting on Page 34 of 46) and submitted with the Bid, and shall include representations about experience on similar projects and references from three (3) similar, recent past projects. Failure to complete and submit this section can result in being considered non-responsive and disqualification. Bidders are admonished to verify the references' contact information in order that each reference may validate the Contractor's experience and work in a timely manner.

8. Article 34, Agreement to Execute Contract: Bidders are admonished to complete Page 33 of 46 carefully and attentively to the information requested.

9. Article 36: There are a total of four (4) allowances identified in the IFB and listed in Spec Section 012100. Allowances #1 and #2 are related to unit price items discussed above. Allowances #3 and 4 are related to aspects of work that do not require unit price bids. The total value of work identified under the four (4) Allowances is to be included within the Base Bid Lump Sum price for the work. To the extent that quantities of work performed under Allowances #1 and #2 deviate from the bid quantities listed, adjustment in contract price will eventually be made.

10. The Project consists of the removal of approximately 41,172 SF of standing seam metal roof at 4:12 pitch (approximately 44,208 SF actual) installed in 1989. Portions of the sloped metal roof at two classroom additions (at rear of site) constructed in 1996 and 2008, and low-slope membrane roofing at center of the school and the Gymnasium are not in scope. Portions of the metal roof to be replaced are installed over a 2-inch thick gypsum deck sloped at an approximately 4:12 pitch to a perimeter drainage system. Metal copings, flashings and drainage items are also included. Patching of upper EIFS-surfaced walls is required where existing attic ventilation louvers are to be removed. Where indicated, upper walls shall receive a new elastomeric coating with color to match existing EIFS. Incidental work includes temporary removal, storage and reinstallation of roof-mounted mechanical exhaust fans, removal of and relocation of air intakes, removal of relief vents.

11. Specific areas of work on the drawings are identified as not in scope. The portion of existing, low-slope roofing at the center of the work area is not in scope; however, the Contractor may utilize these areas subject to limitations and caveats that were discussed. This area was recently re-roofed and must be carefully protected to avoid affecting its warranty.

12. Access to Building Interior: It is generally assumed that all work will be staged from the exterior; however if interior access is required in order to disconnect utilities or otherwise work from underside of the roof deck, access will be provided. The Contractor must provide temporary means of accessing the roof using ladders and walkways at exterior of the building. Routine access to the roof from interior of the building will not be allowed. If needed, access by Contractor personnel to the building interior must receive advance permission by the Owner's representative.

13. Other incidental aspects of work included in the scope were discussed.

14. All roof work performed under this contract shall be warranted in writing as described in the Contract Documents. **The Contract warranty requirements are clarified by wording included under Addendum No. 1 issued concurrently with these Minutes.**

15. Permits: The project is currently undergoing pre-construction permit review by the York County Department of Building Regulation. It is anticipated that the project shall be approved for permit issuance in advance of starting work in the field. The Contractor is responsible for obtaining the permit(s); and there is no cost for the permits charged by the County.

16. **The Contractor will be responsible for maintaining the building in a weathertight condition throughout the construction period and repair damage caused by construction operations.** There was discussion over the specification wording, "Remove only as much roofing as can be replaced with a completely new roof system and made watertight in a single day." **This wording is modified by Addendum No. 1 issued concurrently with these Minutes to omit "replaced with a completely new roof system and."** It will be sufficient to make the roof watertight with the synthetic underlayment and self-adhering membrane flashing; however, the metal roofing must be applied and completed in a timely manner (three weeks or less), so as to limit exposure of the synthetic underlayment and self-adhering membrane flashing to sun and weather.

17. Bidders are encouraged to be imaginative about prosecution of the work in order to finish on time. **Time is of the essence under this Contract.** The Owner desires that substantial completion be accomplished before school starts on September 2, 2014, but acknowledges that contract time should extend until September 15 for substantial completion. The building exhaust fans, and in particular, the main kitchen hood exhaust fan **MUST** be in operational condition **PRIOR TO** the opening of school on September 2nd. The Owner will expect all major roof areas at the front of the school to be completed in time for opening of school by September 2nd. The YCSD and design team will support meeting these time objectives.

18. Bidders were permitted access to the roof and to view areas around the building. The foregoing is Hudson + Associates Architects' record of this meeting. Please forward any additions, amplifications, changes or exceptions to H+A at 120 W. Queens Way, Suite 201, Hampton, VA 23669, for incorporation in the permanent project record.

Respectfully Submitted,  
Hudson + Associates Architects  
Richard S. Corner, AIA, CSI

**Addition to End of Specification Section 074113 Metal Roof Panels**

3.14 ROOFING INSTALLER'S WARRANTY

A. WHEREAS <Insert name> of <Insert address>, herein called the "Roofing Installer," has performed roofing and associated work ("work") on the following project:

1. Owner: York County School Division
2. Address: 302 Dare Road, Yorktown, VA 23692
3. Building Name/Type: Magruder Elementary School
4. Address: 700 Penniman Road, Williamsburg, VA 23185
5. Area of Work: Metal Roof Replacement
6. Acceptance Date: <Insert date>.
7. Warranty Period: <Insert time>.
8. Expiration Date: <Insert date>.

B. AND WHEREAS Roofing Installer has contracted (either directly with Owner or indirectly as a subcontractor) to warrant said work against leaks and faulty or defective materials and workmanship for designated Warranty Period,

C. NOW THEREFORE Roofing Installer hereby warrants, subject to terms and conditions herein set forth, that during Warranty Period he will, at his own cost and expense, up to and including replacement of the entire roof installed under this Contract, make or cause to be made such repairs to or replacements of said work as are necessary to correct faulty and defective work and as are necessary to maintain said work in a watertight condition.

D. This Warranty is made subject to the following terms and conditions:

1. Specifically excluded from this Warranty are damages to work and other parts of the building, and to building contents, caused by:
  - a. lightning;
  - b. peak gust wind speed exceeding 110 mph;
  - c. fire;
  - d. failure of roofing system substrate, including cracking, settlement, excessive deflection, deterioration, and decomposition;
  - e. faulty construction of parapet walls, copings, chimneys, skylights, vents, equipment supports, and other edge conditions and penetrations of the work;
  - f. vapor condensation on bottom of roofing; and
  - g. activity on roofing by others, including construction contractors, maintenance personnel, other persons, and animals, whether authorized or unauthorized by Owner.

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2. When work has been damaged by any of foregoing causes, Warranty shall be null and void until such damage has been repaired by Roofing Installer and until cost and expense thereof have been paid by Owner or by another responsible party so designated.

3. Roofing Installer is responsible for damage to work covered by this Warranty and, further, will be liable for consequential damages to building and building contents resulting from leaks or faults or defects of work.

4. During Warranty Period, if Owner allows alteration of work by anyone other than Roofing Installer, including cutting, patching, and maintenance in connection with penetrations, attachment of other work, and positioning of anything on roof, this Warranty shall become null and void on date of said alterations, but only to the extent said alterations affect work covered by this Warranty. If Owner engages Roofing Installer to perform said alterations, Warranty shall not become null and void unless Roofing Installer, before starting said work, shall have notified Owner in writing, showing reasonable cause for claim, that said alterations would likely damage or deteriorate work, thereby reasonably justifying a limitation or termination of this Warranty.

5. During Warranty Period, if original use of roof is changed and it becomes used for, but was not originally specified for, a promenade, work deck, spray-cooled surface, flooded basin, or other use or service more severe than originally specified, this Warranty shall become null and void on date of said change, but only to the extent said change affects work covered by this Warranty.

6. Owner shall promptly notify Roofing Installer of observed, known, or suspected leaks, defects, or deterioration and shall afford reasonable opportunity for Roofing Installer to inspect work and to examine evidence of such leaks, defects, or deterioration.

7. This Warranty is recognized to be the only warranty of Roofing Installer on said work and shall not operate to restrict or cut off Owner from other remedies and resources lawfully available to Owner in cases of roofing failure. Specifically, this Warranty shall not operate to relieve Roofing Installer of responsibility for performance of original work according to requirements of the Contract Documents, regardless of whether Contract was a contract directly with Owner or a subcontract with Owner's General Contractor.

E. IN WITNESS THEREOF, this instrument has been duly executed this <Insert day> day of <Insert month>, <Insert year>.

1. Authorized Signature: <Insert signature>.

2. Name: <Insert name>.

3. Title: <Insert title>.

**END OF SECTION 074113**

METAL ROOF PANELS

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**FLASHING AND SHEET METAL SCHEDULE, REMARKS AND NOTES TO BE ADDED TO SHEET A3.01**

<b>FLASHING AND SHEET METAL SCHEDULE</b>						
FLASHING / TRIM	MILL FINISH ALUM	FLOUROCARBON COATED ALUM	FLOUROCARBON COATED STEEL	LEAD	WELDED CONSTRUCTION	REMARKS
COPING		0.050"			●	1,2
COPING SADDLES	0.050"					
HD CLEATS	0.050"					
COUNTERFLASHING		0.040"				
CORNER TRIM & FASCIA		0.040"				
EAVE CLADDING		0.040"				
EDGE FASCIA		0.040"				
GUTTERS		0.050"			●	1,2
GUTTER STRAPS		0.050"				
GUTTER SUPPORTS	.125"					3
LEADER HEAD		0.050"			●	1,2,4
FASCIA			24 GA			
ROOF DRAIN PAN				4 LBS		
DOWNSPOUTS		0.050"				4
DOWNSPOUT STRAPS		0.050"				4

**METAL FLASHING REMARKS**

1. FLASHINGS WITH PAINT COATINGS & REQUIRING WELDED CONSTRUCTION WILL BE TOUCHED UP WITH ADS TOUCH-UP PAINT. THE WELDED CONSTRUCTION HAS PRIORITY OVER THE 20 YEAR WARRANTY.
2. PROVIDE WELDED CORNERS, END CAPS & TERMINATION FLANGES & DS CUPS TYP AT WELDED CONSTRUCTION.
3. SPRAY PAINT GUTTER SUPPORTS WITH ADS TOUCH-UP PAINT TO MATCH GUTTERS.
4. LEADER HEADS & DOWNSPOUTS SHALL BE FABRICATED WITH RED FLUOROCARBON COATED ALUMINUM.

**GENERAL FLASHING & SHT MTL NOTES**

- A. IN GENERAL, FLASHINGS VISIBLE FROM THE GROUND SHALL BE METAL WITH 20 YEAR FLUOROCARBON COATING.
- B. FLASHINGS NOT VISIBLE FROM THE GROUND MAY BE FABRICATED FROM MILL FINISH ALUMINUM.
- C. PROVIDE A CASE OF TOUCH-UP PAINT TO MATCH EACH COLOR USED ON WELDED FLASHINGS.
- D. ALL FLASHINGS SHALL BE CERTIFIED AS MEETING ES-1 STANDARDS.