

A D D E N D U M N O . 4

ROOF REPLACEMENT AND RELATED WORK HILLSIDE INTERMEDIATE SCHOOL

Naugatuck, CT
KBA #15037.00

Date: February 12, 2016

Page: 1 of 2

The following changes to the Project Manual shall become a part of the Drawings, Specifications, Bidding Requirements and Contract Documents; superseding previously issued Drawings, Specifications, Bidding Requirements, Contract Documents and Addenda, to the extent modified by this Addendum.

CLARIFICATIONS

Roofing contractors will be allowed in the facility to inspect underside of tectum deck in gym on Wednesday, February 17, 2016 at 4:30 p.m.

CHANGES TO SPECIFICATIONS

BUILDING AND CONTRACT REQUIREMENTS

“Form of Proposal”

Delete in its entirety and use new Form of Proposal, dated February 12, 2016 – Addendum No. 4 at the end of this Addendum.

“General Conditions of the Contract for Construction, AIA Document A201”

Paragraph 3.7.1.

Change to read:

§ 3.7.1 Building permit fees with the Borough of Naugatuck’s Building Department have been waived. Unless otherwise provided in the Contract Documents, the Contractor shall secure and pay for other permits, fees, licenses, and inspections by government agencies necessary for proper execution and completion of the Work that are customarily secured after execution of the Contract and legally required at the time bids are received or negotiations concluded.

DIVISION 01 – GENERAL REQUIREMENTS

Section 01 21 00 “Allowances”

Paragraph 3.3

Add Subparagraph F.

F. Allowance No. 6: Cost to re-solder 50 sections of split or cracked sections of copper fascia on original 3-story building.

Section 01 22 00 “Unit Prices”

Paragraph 3.1A.

Add Subparagraph 7.

7. Re-solder One (1) Split or Cracked section of Copper Fascia:

- a. Description: Re-solder one (1) split or cracked section of copper fascia on original three-story building.
- b. Unit of Measurement: Each

Section 01 23 00 “Alternates”

Paragraph 3.1

Add Subparagraph E.

E. Alternate No. 5: ADD – Provide a Special warranty to include peak gust wind speed up to 100 mph in lieu of 60 mph.

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DIVISION 07 – THERMAL AND MOISTURE PROTECTION

Section 07 53 23 “Ethylene-Propylene Diene-Monomer (EPDM) Roofing”

Paragraph 1.10

Subparagraph A.2.

Change to read:

2. Special warranty includes peak gust wind speed up to 60 mph.

Paragraph 2.4

Delete in its entirety

Paragraph 3.6

Sub paragraph G. 1.

Delete

CHANGES TO DRAWINGS

D3.01 ROOF DEMOLITION PLAN

Delete Note #13

Add Note #12

ATTACHMENTS

Form of Proposal, dated February 12, 2016 – Addendum No. 4

Bid Questions and Responses:

RFI #001, RFI #002, RFI #003, RFI #005, RFI #006, RFI #007, RFI #008 and RFI #009

FORM OF PROPOSAL

**ROOF REPLACEMENT AND RELATED WORK
HILLSIDE INTERMEDIATE SCHOOL
NAUGATUCK, CT**

**TO: Mr. Robert Butler, Business Manager/Controller
c/o Ms. Wendy Hozer, Purchasing Agent
Purchasing Office, Naugatuck Town Hall
229 Church Street
Naugatuck, CT 06770**

Pursuant to and in compliance with your "Invitation to Bid" relating thereto, the undersigned,

(Name of Firm)

having visited the site and carefully examined the Drawings, Bidding Documents and complete Specifications **dated January 26, 2016** together with all Addenda issued and received prior to scheduled closing time for recipient of Bids as prepared by the Architects, KAESTLE BOOS ASSOCIATES, INC., 416 Slater Road, New Britain, Connecticut, hereby offers and agrees as follows:

To provide all labor, materials, and all else whatsoever necessary to erect and properly finish all work in connection with the

**ROOF REPLACEMENT AND RELATED WORK
HILLSIDE INTERMEDIATE SCHOOL
NAUGATUCK, CT**

to the satisfaction of the Architect and Owner for the sum of:

_____ (\$ _____)

to provide all labor, materials, and all else whatsoever necessary to construct all improvements described in the specifications.

If awarded this Contract, we will execute a Contract with the **Borough of Naugatuck**, Owner of the property.

OPTIONAL BASE BID – Combined Base Bid for both Roof Replacement and Related Work to Hillside Elementary School and Roof Replacement and Related Work to Western Elementary School, Naugatuck, CT

_____ (\$ _____)

NOTE: Both Base Bids must be submitted separately in order to submit combined Base Bid.

UNIT PRICES

Should the amount of improvements required be increased or decreased due to special considerations found at the site or because of a request of the **Naugatuck Board of Education**, the undersigned agrees that the following supplemental UNIT PRICES will be the basic price in place for computing the EXTRA or CREDIT.

Each UNIT PRICE shall include all equipment, tools, labor, permits, fees, etc., incidental to the installation and completion of the work involved.

The amounts shown are net changes to the Contract for additional work and include the Contractor's and any Subcontractor's amounts for overhead and profit. For deleted work, the net credit to the Contract shall be 10% less.

All work is to be accomplished in accordance with applicable Sections of the Specifications.

C.Y. = cubic yard	S.F. = square foot
S.Y. = square yard	V.F. = vertical foot
L.F. = linear foot	EA = Each

ITEMS

1. Masonry Restoration – Brick removal and replacement according to Division 04 Section “Brick Masonry”. \$ _____/S.F.
2. Metal Deck – Metal deck replacement according to Division 07 Section “Roof Accessories”. \$ _____/S.F.
3. Wood Blocking – Replace damaged 2 x 6 wood blocking. \$ _____/L.F.
4. Wood Blocking – Replace damaged 2 x 8 wood blocking. \$ _____/L.F.
5. Wood Blocking – Replace damaged 2 x 10 wood blocking. \$ _____/L.F.
6. Roof Drain Bowl and Roof Drain Insulation – Remove all mudded roof drain bowl insulation and roof drain insulation as ACM, according to Division 02 Section “Asbestos Removal”. \$ _____/EA.
7. Re-solder One (1) Split or Cracked Section of Copper Fascia – Re-solder one (1) split or cracked section of copper fascia on original three-story building. \$ _____/EA.

ALLOWANCES

1. Allowance No. 1: Include 400 s.f. of metal deck replacement. \$ _____
2. Allowance No. 2: Remove and replace damaged 500 linear feet of 2 x 6 wood blocking. \$ _____
3. Allowance No. 3: Remove and replace damaged 500 linear feet of 2 x 8 wood blocking. \$ _____
4. Allowance No. 4: Remove and replace damaged 500 linear feet of 2 x 10 wood blocking. \$ _____
5. Allowance No. 5: Five (5) mudded drains and associated Insulation as ACM. \$ _____
6. Allowance No. 6: Cost to re-solder 50 sections of split or cracked sections of copper fascia on original three-story building. \$ _____

ALTERNATES

The undersigned Bidder further proposed and agrees that should the following Alternates be accepted and included in the Contract, the amount of the Lump sum Bid, as heretofore stated, shall be adjusted by the amount of said Alternates. All materials and workmanship shall be in strict accordance with the Drawings and specification and shall be in place prices.

Alternate No. 1: Provide pre-patina copper fascia in lieu of prefinished aluminum fascia on the single story and Gymnasium additions, as indicated. Comply with Division 07 Section "Sheet Metal Flashing and Trim."

Add \$ _____

Alternate No. 2: Provide cementitious wood-fiber plank infill to match existing at existing skylight openings, in lieu of metal deck infill. Comply with Division 03 Section "Cementitious Wood Fiber Decks."

Add \$ _____

Alternate No. 3: Repair cracks in existing limestone cornice through epoxy injection ports installed from top and underside. Remove all roofing material and decorative trim to expose limestone surface prior to installing epoxy. Repair all exposed surfaces to hide ports.

(Deduct) \$ _____

Alternate No. 4: Existing exhaust fans to remain in lieu of replacing units with new exhaust fans.

(Deduct) \$ _____

Alternate No. 5: Provide a special warranty to include peak gust wind speed up to 100 mph in lieu of 60 mph.

Add \$ _____

CONTRACT TIME

The undersigned Bidder hereby certifies that Substantial Completion and Final Completion will be achieved in accordance with the time designated in the General Conditions of the Contract for Construction.

The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work. The Bid includes Addenda listed below and they are hereby acknowledged:

Addendum No. # _____

Dated _____

Addendum No. # _____

Dated _____

Addendum No. # _____

Dated _____

ATTACHMENTS

Enclosed herewith, is the Bid Security which is in the form of:

Bid Bond ()

Certified Check ()

In the Amount of

\$ _____ Dollars

SIGNATURE

Contractor Firm

Authorized Signature

Printed Name and Title

Business Address

City and State

Telephone Number

Telephone Fax Number

**ROOF REPLACEMENT & RELATED WORK
HILLSIDE INTERMEDIATE SCHOOL
NAUGATUCK, CT KBA# 15037.00**

RFI #001

From: Troy Karwowski [<mailto:troy@savmorct.com>]
Sent: Thursday, February 04, 2016 2:56 PM
To: Steve Pumphrey
Subject: RE: Hillside School spec

RFI's

1. On MEP-2 Specifications Mechanical Systems note 5. It calls for seismic restraints. I don't believe seismic restraints are required but please confirm.
2. On MEP-2 Specifications Mechanical Systems note 6. Its calls for us to prime and paint all mechanical equipment. Does this mean they want us to paint the exhaust fans and if so with what type of paint and color?

Thank you,

Troy Karwowski
President



231 Captain Lewis Dr.
Southington, CT 06489
www.savmorct.com

**CES
RESPONSES:**

1. Seismic restraints are not required.
2. The exhaust fans are intended to come with factory finish.

From: Steve Pumphrey [<mailto:Steve@silktownroofing.com>]
Sent: Thursday, February 04, 2016 3:16 PM
To: rkirby@kba-architects.com
Subject: Hillside School Fan curbs

Richard,

MEP-01 calls for us to extend existing curbs (note M1) and det-3/A3.02 calls for new curbs which is correct? New curb or reuse existing? If new curb, is existing ductwork supported by structure or dependent on the existing curb?

Steve Pumphrey
Project Manager
Silktown Roofing Inc.
151 Water Street
Derby, Ct. 06418
T: 203-735-0552 F: 203-732-7649

KBA RESPONSES:

- 1. Contractor to provide all new mechanical curbs.**
- 2. Contractor to include new structural support at each mechanical penetration.**

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NAUGATUCK, CT KBA #15037.00**

RFI #003

From: Steve Pumphrey [<mailto:Steve@silktownroofing.com>]
Sent: Thursday, February 04, 2016 3:30 PM
To: rkirby@kba-architects.com
Subject: PCB's

Sorry to bombard you Richard by here's another one:
On drawing A3.01 under the Hazardous Materials legend it states the PCB's are less than the 50mg,
which is correct, the spec or this note?

Steve Pumphrey
Project Manager
Silktown Roofing Inc.
151 Water Street
Derby, Ct. 06418
T: 203-735-0552 F: 203-732-7649

KBA RESPONSE:

See Addendum No. 2, SKA 2.01 for response.

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HILLSIDE INTERMEDIATE SCHOOL
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RFI #005

From: Kurt Ryker [<mailto:kryker@unitedrsm.com>]
Sent: Friday, February 05, 2016 3:58 PM
To: rkirby@kba-architects.com
Subject: Re: Hillside School RFIs

Hello,

- 4) Specification section 075323 calls for a 10 mil poly vapor barrier to be loose laid on top of the metal deck. How is the vapor barrier being installed at the tectum deck areas?
- 5) Is the intent to fasten the insulation at the metal deck areas, adhere the coverboard and EPDM, or are we fastening the coverboard, insulation and adhering the EPDM?

Kurt Ryker, LEED AP
United Roofing & Sheet Metal, Inc.
100 Mill Plain Rd, Suite 360
Danbury CT, 06811
Main: [\(475\) 289-3000](tel:(475)289-3000)
Direct: [\(475\) 289-3007](tel:(475)289-3007)
Mobile: [\(860\) 488-3029](tel:(860)488-3029)
kryker@unitedrsm.com

**KBA
RESPONSES:**

4. Section 07 53 23, page 7 of 14, paragraph 2.4 Vapor Retarder is Deleted. See Addendum No. 4.

5. Intent is to mechanically fasten coverboard and insulation and to adhere the EPDM membrane on metal deck assembly.

Intent is to adhere coverboard and insulation on tectum deck as well as the EPDM membrane.

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NAUGATUCK, CT**

RFI #006

From: Steve Pumphrey [<mailto:Steve@silktownroofing.com>]
Sent: Friday, February 05, 2016 8:56 AM
To: rkirby@kba-architects.com
Subject: Hillside

Richard,
Adden 2 doesn't tell us what exactly has PCB's. The caulk can be anywhere, is it in the actual roofing, above it in the counter flashing, etc.?? We really need to know where it is located.
thanks

Steve Pumphrey
Project Manager
Silktown Roofing Inc.
151 Water Street
Derby, Ct. 06418
T: 203-735-0552 F: 203-732-7649

TRC SOLUTIONS RESPONSE:

Reference the legend of symbols and the notes on Drawing PCB-1. C2 caulk runs horizontally above the flashing line at the base of Roof 1 with the gym. C3 caulk runs both horizontally and vertically at Roof 3 with the wall of Roof 1.

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RFI #007

From: Steve Pumphrey [<mailto:Steve@silktownroofing.com>]
Sent: Friday, February 05, 2016 8:22 AM
To: rkirby@kba-architects.com
Subject: FW: RFI-Hillside School

Richard,
Please see below RFI.
Thanks

Steve Pumphrey
Project Manager
Silktown Roofing Inc.
151 Water Street
Derby, Ct. 06418
T: 203-735-0552 F: 203-732-7649

-----Original Message-----

From: Danny Miller [<mailto:plumbing@snet.net>]
Sent: Friday, February 05, 2016 5:11 AM
To: Steve Pumphrey
Subject: RFI-Hillside School

Steve,

Can you please send this in:

1. The stairwell to the North side of the gym has a small rectangular roof with 1 existing drain and 1 new drain. These drains and new piping will be run above plaster ceiling. This area does not seem to be in use and has paint and plaster dust from this ceiling on the floor below. Is there any information on the presence of asbestos in existing plaster ceiling or can we remove as needed.

Thanks,

Danny Miller

**TRC SOLUTIONS
RESPONSE:**

**1. Asbestos was not identified in any plaster at
Hillside Intermediate School.**

**ROOF REPLACEMENT AND RELATED WORK
HILLSIDE INTERMEDIATE SCHOOL
NAUGATUCK, CT
KBA #15037.00**

RFI #008

From: Steve Pumphrey [<mailto:Steve@silktownroofing.com>]
Sent: Tuesday, February 09, 2016 10:36 AM
To: rkirby@kba-architects.com
Subject: Hillside Tectum Dk alternate

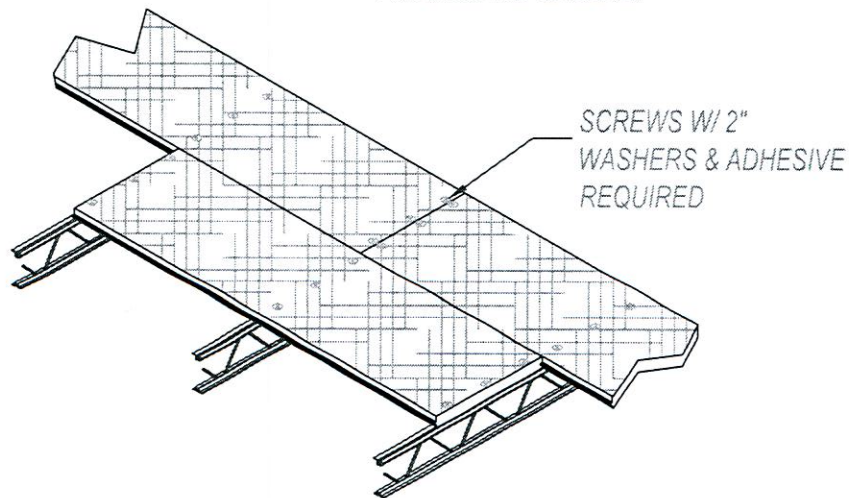
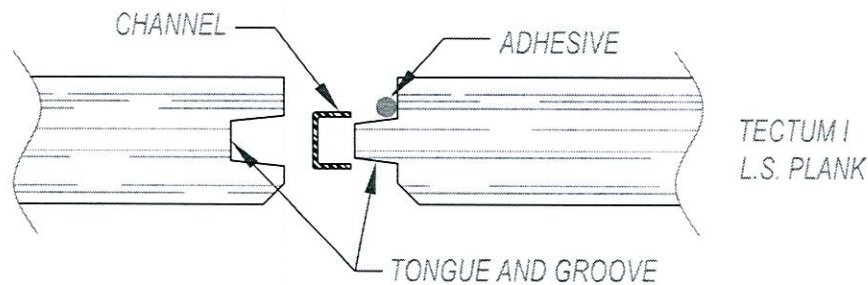
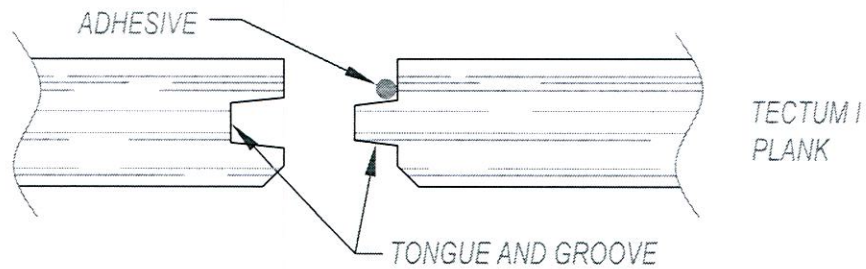
Richard,
I'm looking into it but I'm not finding anybody that has Bulb Tee's, I don't think you can get them anymore?? What do you want us to do?

**Steve Pumphrey
Project Manager
Silktown Roofing Inc.
151 Water Street
Derby, Ct. 06418
T: 203-735-0552 F: 203-732-7649**

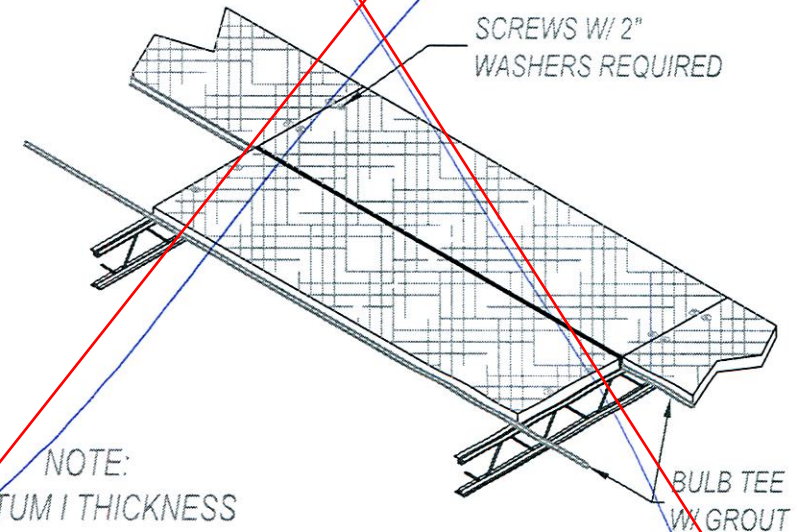
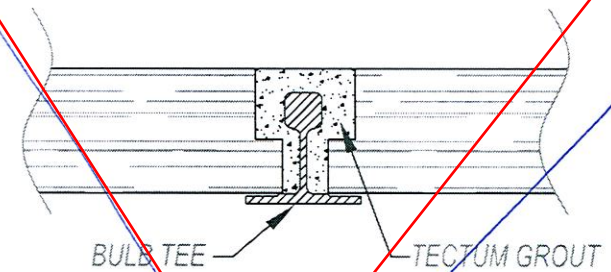
KBA RESPONSE:

Infill voids with Tectum "Plank" panels in lieu of Bulb Tees. See attached.

PLANK



TILE



NOTE:
TECTUM I THICKNESS
2", 2 1/2", 3"

TECTUM PLANK VS. TILE

DETAIL NUMBER:

2053

SCALE : NTS

Revised: 06/29/2015

TECTUM_{INC.}

The Noise Control Solution

**ROOF REPLACEMENT AND RELATED WORK
HILLSIDE INTERMEDIATE SCHOOL
NAUGATUCK, CT
KBA #15037.0**

RFI #009

From: Tom Rodrigue [<mailto:tomr@theimperialco.com>]
Sent: Tuesday, February 09, 2016 11:18 AM
To: rkirby@kba-architects.com
Subject: Hillside Intermediate School - RFI

Richard,

Upon review of SKA2.02, the Soldering of the Existing Copper Decorative Fascia for splits and cracks is a very difficult item to price out. I may see more of less work than the other bidders. Can I suggest and Allowance of say \$10,000 with a unit price per lf for add or deduct.

Thank You,

TOM

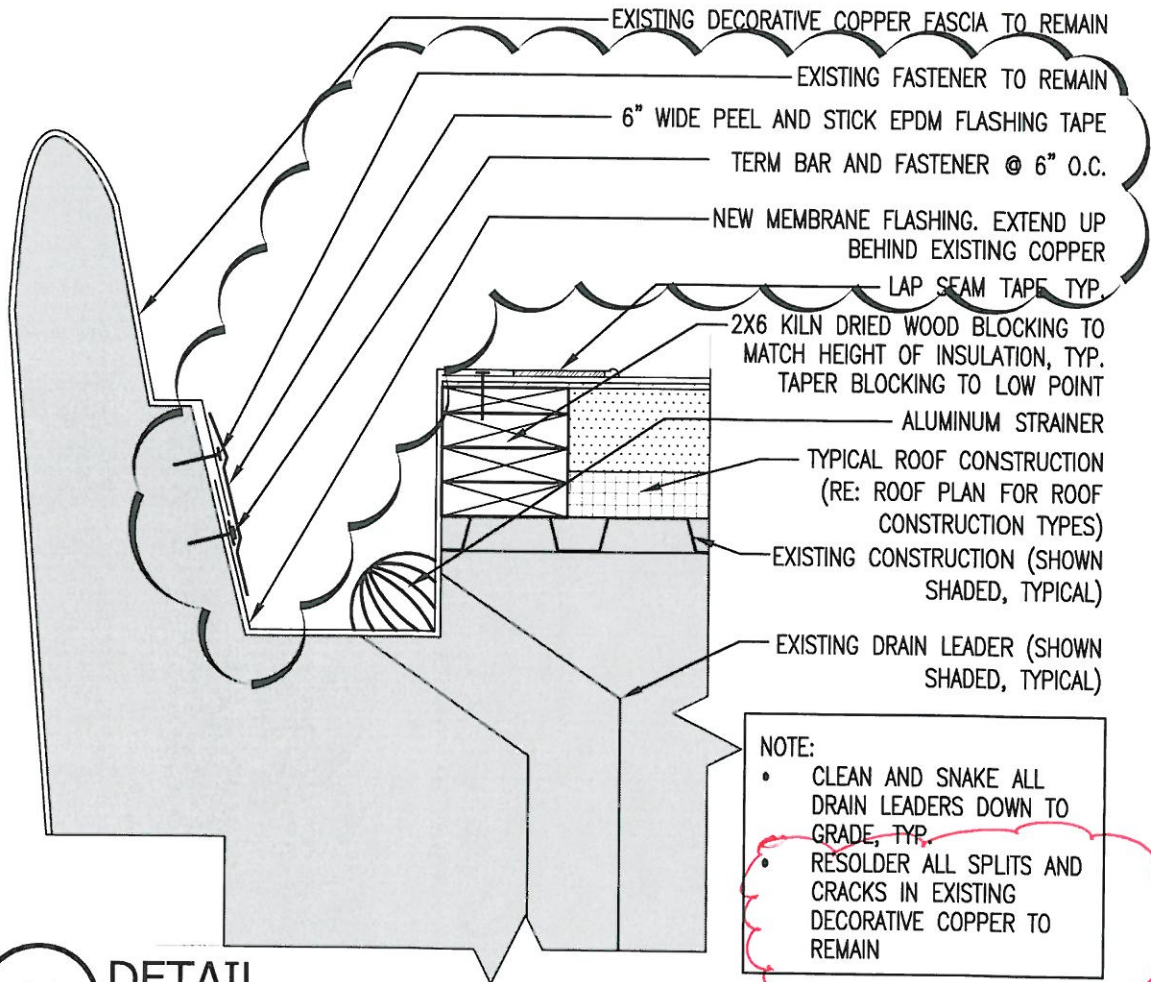
The Imperial Company, Inc

Restoration & Roofing Contractors

Tom Rodrigue / Estimator
261 Main Street~ Cromwell, CT 06416
Office 860-632-2258~ Fax 860-632-2278
tomr@theimperialco.com

KBA RESPONSE:

See Addendum No. 4.



11

DETAIL

ROOF EDGE

CAN YOU QUANTIFY W/ VF OF
SOLDERING OR AN ALLOWANCE.
TUFF TO FIGURE ACTUAL WORK PER
WITHOUT EXAMINATION OF EVERY
INCH OF METAL

KAESTLE BOOS
associates, inc

416 Slater Road, P.O. Box 2590
New Britain, CT 06050-2590
Ph: 860-229-0361 ▲ F: 860-229-5303

325 Foxborough Boulevard, Suite 100
Foxborough, MA 02035
Ph: 508-549-9906 ▲ F: 508-549-9907

Email: kba@kba-architects.com
Web: www.kba-architects.com

CONSULTANT:

PROJECT:
NAUGATUCK ROOF
REPLACEMENT AND
RELATED WORK AT
HILLSIDE
INTERMEDIATE
SCHOOL

STATE PROJECT NO. TMP-088-Q3KF

THIS SKETCH TO
BE READ IN
CONJUNCTION
WITH THE
CONTRACT
DOCUMENTS

SKETCH GENERATED FOR:

ADDENDUM	R.R.F.I.	A.S.I.	P.R.	C.C.D.
2	-	-	-	-

REFERENCE DETAIL/SHEET: 10,11/A3.02

TITLE: REVISED HIDDEN GUTTER DETAIL

DATE: 2/4/2016

DRAWN: THD

DRAWING NO.:

SCALE: 1 1/2"=1'-0"

PROJECT NO.: 15037.00

SKA2.02