

Legal Notice

CITY OF MILFORD  
Office of the Purchasing Agent  
70 West River Street - Milford, CT 06460

**INVITATION TO BID**

Notice is hereby given that sealed bids by which  
the City of Milford will contract for the

**Roof Replacement Project 2016**

will be received in the Purchasing Agent's Office until

**3:00 p.m., Wednesday, September 14, 2016**

when they will be publicly opened and read aloud.

A **mandatory** pre-bid meeting between prospective bidders and the Public Works Director will convene at the entrance to the Parsons Veteran's Memorial Auditorium, located on the West Main Street side of the Parsons Government Center, Milford, CT on Tuesday, **August 30, 2016 at 10:00 AM** when project details will be discussed and questions answered.

A bid bond for 5% of the project cost is required  
and must accompany each bid.

Bids must be held firm for 60 days beyond the bid opening date.

The successful bidder must file a 100% Performance Bond,  
a 100% Labor & Materials Bond, and a Certificate of Insurance  
with the Purchasing Agent within 10 days of notice of bid award.

Specifications must be downloaded at [www.ci.milford.ct.us](http://www.ci.milford.ct.us) .  
Click on "Services", select "Departments", then "Purchasing Department"  
then "Current Bids".

Bidders' attention is called to the requirements as to conditions of employment to be observed, minimum state wage rates to be paid, and payroll submission requirements under the contract.

The Purchasing Agent reserves the right to reject any or all bids  
and to accept any proposal deemed to be in the City's best interests.

Fred Bialka  
Purchasing Agent  
Tel. (203)783-3225

## INSTRUCTIONS

If you download bid packages from the City website at [www.ci.milford.ct.us](http://www.ci.milford.ct.us) it is your responsibility to insure that you have current information. Click on the "Changes in Bids" icon for any applicable addenda prior to submitting a bid.

The City is not responsible for data or transmission errors.

Detach the Bid Form and the Drug Free Workplace Certificate and complete by typewriter or in ink - pencil entries will not be accepted.

If tie bids are received which are equal as to price, quality, and service, a bid received from a business which submits a drug free workplace certification with the bid form will be given preference in accordance with Milford's Code of Ordinances, Article V, Division 2.

Sign and **seal your bid in an envelope** clearly marked: **ROOF REPLACEMENT PROJECT**

No responsibility will be attached to any City representative or employee for the premature opening of a bid not properly addressed and identified.

and mail or hand deliver to:

**City of Milford Purchasing Agent  
70 West River Street - Milford, CT 06460-3317**

**Submit one (1) Original Bid and two (2) Copies.**

The bid must be in the Purchasing Department no later than the time and date indicated on the Invitation To Bid.

**FAXed and E-mailed bids are not acceptable and will not be considered.**

Your name and address must appear in the upper left-hand corner and the name of the Bid must appear in the lower left-hand corner of the envelope.

We will not accept or consider bids, withdrawals, or amendments received after the date and time specified.

We are exempt from State sales tax and from Federal excise tax - do not include these taxes in your proposal.

If you believe that a possible conflict of interest may occur should we accept your bid and award you a contract or a purchase order, then you must disclose this belief in a statement attached to the back of the Bid Form.

Please direct all questions to the appropriate City Representative indicated below:

Procurement Questions: Fred Bialka, Purchasing Agent  
203-783-3225 or [fbialka@ci.milford.ct.us](mailto:fbialka@ci.milford.ct.us)

Technical Questions: Chris Saley, Director of Public Works  
203-783-3265 or [csaley@ci.milford.ct.us](mailto:csaley@ci.milford.ct.us)

## **GENERAL INFORMATION**

### **RECEIPT OF BIDS**

Sealed bids (proposals) will be received in the Office of the Purchasing Agent, 2nd Floor, Parsons Government Complex, 70 West River Street, Milford, Connecticut 06460 until the date and time shown on the Bid Invitation, when they will be publicly opened and read aloud.

### **BID OR PROPOSAL PREPARATION**

The prospective bidder should visit the job site before submitting a bid and perform any supplemental investigations of other job conditions necessary for submission of an accurate bid. Each bidder shall examine the project documents and shall exercise his or her own judgment as to the nature of and the amount of work required. Each bidder shall further investigate and obtain information regarding the facilities available for receiving, transporting, handling, and storing material and equipment which may influence the extent of the work under this contract.

Bidders are required to complete the blank Bid Forms included in this document. Each form must be completed in typewriter or in ink, give the unit price for the work and be properly signed and acknowledged by the bidder. The name of the person signing shall be typed or printed below each signature.

Erasures and other changes must be explained or noted over the bidder's initials.

If the proposal is submitted by a partnership or a corporation, then the name and address of the partnership or corporation shall be indicated, together with the names and addresses of the partners or the officers. If the proposal is submitted by a partnership, then it must be acknowledged by one of the partners; if made by a corporation, it must be acknowledged by a corporate officer.

Each proposal, together with all requested information, shall be submitted **in triplicate** in a sealed envelope. The envelope shall be clearly marked to indicate its contents and show the bidder's name and address on the outside of the envelope.

Proposals submitted by mail must be received by the date and time specified for the opening in the Invitation to Bid.

### **BID SECURITY**

Bidders are required to furnish with their proposal a cashier's check, a certified check or a bid bond executed by the bidder as principal for an amount not less than 5% of the total amount of the bid. Surety bonds or checks shall be made payable to the City of Milford.

The surety on a bid bond must be a corporate surety licensed to transact business in the State of Connecticut and be listed by the United States Treasury Department in its latest list as a qualified surety acceptable to the United States Government. A bid bond will not be accepted if the amount of the bond is less than 5% of the bid or if the amount of the bond exceeds the limit for which the United States Treasury Department has qualified the surety for any one bond.

Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

## INSURANCE

The Contractor, in submitting a bid, agrees to indemnify, hold harmless, and defend the City of Milford from and against any and all liabilities, claims, penalties, fines, forfeitures, suits and the costs and expenses incident thereto, including but not limited to costs of defense, settlement, and reasonable attorney's fees, which may be alleged against the City or which the City may incur, become responsible for, or pay out as a result of death, bodily injury to any person, damage to or destruction of any property, contamination of or adverse effects on the environment, or for any actual or alleged violation of governmental law, regulation, order caused by, arising out of, or in any manner connected with the Contractor's provision of services to the City of Milford.

The Contractor, in submitting a bid, agrees to be liable for and to indemnify the City of Milford from and against any injury or loss which results from the negligent act or omission by the Contractor, by the Contractor's employee or agent, or which results from the failure or the inadequacy of any of the Contractor's methods, operations, or equipment.

Within ten working days from notice of bid award, the Contractor must furnish the Purchasing Agent with a Certificate of Insurance. You must provide us with a Certificate of Insurance with the required coverage and wording (see below and attached sample Certificate of Insurance).

### EXHIBIT A

- You must provide us with a Certificate of Insurance with the required coverage and wording (see below and attached sample Certificate of Insurance Exhibit B).
- "City of Milford, its Governing Board, Official, Agents and Employees and all other required parties are as "Additional Insureds" on a primary, non-contributory basis.
- Waiver of Subrogation applies in favor of the City of Milford and all other required parties.
- The bidder shall maintain CGL coverage for itself and all Additional Insureds for the duration of the project and maintain Completed Operations coverage for itself and each Additional Insureds for at least two (2) years after completion of work.

<i>Type</i>	<i>Minimum Requirement</i>
<b>General Liability</b>	
Fire Damage	\$ 100,000
Medical Expenses	5,000
Personal & Adv. Injury	1,000,000
General Aggregate	2,000,000
Products Completed Ops. Aggregate	2,000,000
<b>Automotive Liability</b>	
Combined Single Limit	1,000,000
<b>Workers Compensation</b>	
Each Accident	100,000
Disease, each employee	100,000
Disease Policy Limit	500,000
<b>Excess Liability/Umbrella</b>	
Each occurrence	5,000,000
Aggregate	5,000,000

EXHIBIT B

FEB-22-2011 11:32

CITY ATTORNEY

203 876 1358

P.04/04



**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)  
3/1/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER ABC Insurance Company 123 Main Street Milford, CT 06460	CONTACT NAME: John Smith
	PHONE (A/C, No. Ext): 203-777-8910 FAX (A/C, No): 203-888-1098
	E-MAIL ADDRESS:
	INSURER(S) AFFORDING COVERAGE
	NAIC #
INSURED XYZ Contracting, LLC 789 Center Street New Haven, CT 06510	INSURER A: Travelers Charter Oak Fire Ins. 25615
	INSURER B: Travelers Property Casualty Co.
	INSURER C: Farmington Casualty Company 41483
	INSURER D:
	INSURER E:

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBH INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	Y	Y	DTC02640R004COF10	03/01/2011	02/28/2012	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> Drive Other	Y	Y	DT8102640R004COF10	03/01/2011	02/28/2012	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 100,000	Y	Y	DTSMCUP2640R004TIL	03/01/2011	02/28/2012	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ WC STATU-TORY LIMITS OTH-ER
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/MEMBER EXCLUDED? <input type="checkbox"/> (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	Y	DTFUB2640R00410	03/01/2011	02/28/2012	E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 City of Milford, its Governing Board, Official, Agents and Employees and all other parties as required by contract are named as additional insured on a primary, non-contributory basis. Waiver of subrogation applies in favor of the City of Milford and all other required parties.

(Attach ISO Additional Insured Endorsement CG 20 10 11 85 or CG 2010 (10/93) and CG2037 or CG2033 and CG2037 or an endorsement providing equivalent coverage to the additional insureds).

<b>CERTIFICATE HOLDER</b>  City of Milford 70 West River Street Milford, CT 06460	<b>CANCELLATION 10 Days for Non-Payment</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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## **BONDS AND BOND REQUIREMENTS**

Within ten working days from notice of bid award, the Contractor must furnish the Purchasing Agent with a 100% Performance Bond and a 100% Labor and Material Bond, issued by an acceptable surety.

The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the City of Milford for the performance of the contract, which is incorporated herein by reference.

If the Contractor performs the contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided for herein.

If there is no City of Milford default, the Surety's obligation under this Bond shall arise after:

The City of Milford has notified the Contractor and the Surety at its address described below that the City of Milford is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Contract. If the City of Milford, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Contract, but such an agreement shall not waive the City of Milford's right, if any, subsequently to declare a Contractor Default; and

The City of Milford has declared a Contractor Default and formally terminated the Contractor's right to complete the contract. Such Contractor Default shall not be declared earlier than twenty days after the Contractor and the Surety have received notice as provided herein; and

The City of Milford has agreed to pay the Balance of the Contract Price to the Surety in accordance with the terms of the Construction Contract or to a contractor selected to perform the Contract in accordance with the terms of the contract with the City of Milford.

When the City of Milford has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

Arrange for the Contractor, with consent of the City of Milford, to perform and complete the Contract; or

Undertake to perform and complete the Contract itself, through its agents or through independent contractors; or

Obtain bids or negotiated proposals from qualified contractors acceptable to the City of Milford for a contract for performance and completion of the Contract, arrange for a contract to be prepared for execution by the City of Milford and the contractor selected with the City of Milford's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Contract, and pay to the City of Milford the amount of damages in excess of the Balance of the Contract Price incurred by the City of Milford resulting from the Contractor's default:  
or

Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

(a) After investigation, determine the amount for which it may be liable to the City of Milford and, as soon as practicable after the amount is determined, tender payment therefor to the City of Milford; or

(b) Deny liability in whole or in part and notify the City of Milford citing reasons therefor.

If the Surety does not proceed as provided for herein with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the City of Milford to the Surety demanding that the Surety perform its obligations under this Bond, and the City of Milford shall be entitled to enforce any remedy available to the City of Milford. If the Surety proceeds as provided for herein, and the City of Milford refuses the payment rendered or the Surety has denied liability, in whole or in part, without further notice the City of Milford shall be entitled to enforce any remedy available to the City of Milford.

After the City of Milford has terminated the Contractor's right to complete the Contract, then the responsibilities of the Surety to the City of Milford shall not be greater than those of the Contractor under the Contract, and the responsibilities of the City of Milford to the Surety shall not be greater than those of the City of Milford under the Contract. To the limit of the amount of this Bond, but subject to commitment by the City of Milford of the Balance of the Contract Price to mitigation of costs and damages on the Contract, the Surety is obligated without duplication for:

The responsibilities of the Contractor for correction of defective work and completion of the Contract;

Additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety; and

**Liquidated damages**, or if no liquidated damages are specified in the Contract, actual damages caused by delayed performance or non-performance of the Contractor.

The Surety shall not be liable to the City of Milford or others for obligations of the Contractor that are unrelated to the Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the City of Milford or its heirs, executors, administrators, or successors.

The Surety hereby waives notice of any change, including changes of time, to the Contract or to related subcontracts, purchase orders, and other obligations.

Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs last. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

Notice to the Surety, the City of Milford or the Contractor shall be mailed or delivered to the address shown on the signature page.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

*Definitions:*

*Balance of the Contract Price:* The total amount payable by the City of Milford to the Contractor under the Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the City of Milford in settlement of insurance or other

claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Contract.

*Contract:* The agreement between the City of Milford and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

*Contractor Default:* Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Contract.

*City of Milford Default:* Failure of the City of Milford, which has neither been remedied nor waived, to pay the Contractor as required by the Contract or to perform and complete or comply with the other terms thereof.

## **BID AWARD**

The Bid will be awarded **either** to the lowest, compliant bidder for each individual building, (Parsons Govt. Center, Town Hall, Egan Center) **or** to the lowest, compliant bidder for Option 1 (One Contract for all three (3) buildings), whichever is deemed to be in the best interest of the City of Milford.

## **WITHDRAWAL OF BIDS**

Except as hereinafter in this subsection or otherwise expressly provided, once his Bid is submitted and received by the City of Milford for consideration and comparison with other bids similarly submitted, the bidder agrees that he may not and will not withdraw it within 60 consecutive days after the actual date of the opening of the Bids.

Upon proper written request and identification, bids may be withdrawn on as follows:

At any time prior to the designated time for the opening of the Bids.

Provided the Bid has not already been accepted by the City of Milford, or at any time subsequent to the expiration of the period during which the bidder has agreed not to withdraw his Bid.

Unless a Bid is withdrawn as provided above, the bidder agrees that it shall be deemed open for acceptance until the AGREEMENT has been executed by both parties thereto or until the City of Milford notifies a bidder in writing that his Bid is rejected or that the City of Milford does not intend to accept it, or returns his Bid deposit. Notice of acceptance of a Bid shall not constitute rejection of any other Bid.

## **LIQUIDATED DAMAGES FOR FAILURE TO ENTER INTO CONTRACT**

The successful bidder, upon his failure to or refusal to execute and deliver the contract and bonds required within thirty (30) days after he has received notice of the acceptance of his bid, shall forfeit to the City of Milford, as liquidated damages for such failure or refusal, the security deposited with his bid.

## **FAMILIARITY WITH LAWS AND JOB CONDITIONS**

The bidder is assumed to have made himself familiar with all Federal, State and Local laws, ordinances, regulations, and job conditions, which, in any manner, affect those engaged or employed in the work or the materials or equipment used in or upon the work, and no plea of misunderstanding will be considered on account of his ignorance thereof.

Bidders are required to submit their Bids upon the following express conditions which shall apply to and be deemed a part of every Bid received, viz.

Bidders must satisfy themselves by personal examinations of the site of the work and by such other means as they may wish, as to the actual existing conditions, the character and requirements of the work, the difficulties attendant upon its execution, and the accuracy of all estimated quantities as may be stated in the Bid.

## **CONTRACT DOCUMENTS**

The Contract Documents consist of the Invitation to Bid, Information for Bidders, Proposal and Contract Forms, General and Supplemental Conditions, State Prevailing Wage Rates, Technical Specifications, Addenda, and Drawings.

In case of any conflict between the General Conditions and the Supplementary Conditions, the Supplementary Conditions shall govern.

## **INTENT OF CONTRACT DOCUMENTS**

The intent of the contract documents is to portray and solicit a complete project in a first-class professional manner and it shall be understood that the Bidder has satisfied himself as to the complete requirements of the contract and that he has predicated his Bid upon such understanding.

## **OMISSIONS AND DISCREPANCIES**

Should a Bidder find discrepancies in, or omissions from the Contract Drawings or other Contract Documents, or should he be in doubt as to their meaning, he should notify the Architect and/or City of Milford at least ten (10) days before date of Bid opening. The City of Milford reserves the right to interpret any discrepancies or conflicts to his best interest and will issue written instruction(s) as required.

## **INTERPRETATIONS AND ADDENDA**

In general, no answer will be given to prospective Bidders in reply to an oral question if the question involves an interpretation of the intent or meaning of the Drawings or other Contract Documents, or the quality or use of products or methods other than those designated or described on the Drawings or in the Specifications. Any information given to Bidders other than by means of the Contract Drawings and other Contract Documents, including Addenda, as described below, is given informally, for information and the convenience of the Bidder only and is not guaranteed. The Bidder agrees that such information shall not be used as the basis to assert any claim or demand against the City of Milford or the Architect on account thereof.

To receive consideration, such questions shall be submitted in writing to the Architect at least ten (10) days before the established date for receipt of Bids. If the question involves the quality of use of products or methods, it must be accompanied by Drawings, Specifications or other data in sufficient detail to enable the Architect to determine the quality or suitability of the product or method. In general, the Architect will neither approve nor disapprove particular products prior to the opening of Bids; such products will be considered when offered by the Contractor for incorporation into the work.

The Architect will set forth Addenda that in his sole judgment are appropriate or necessary. A copy of these Addenda will be sent to those prospective Bidders known to have sets of the Contract Documents, but it shall be the Bidder's responsibility to make inquiry as the Addenda are issued. Such addenda issued will be

considered a part of the Contract Documents, and all Bidders shall be bound by such Addenda, whether or not received by the Bidder.

### **BIDDER QUALIFICATIONS**

The City of Milford may make such investigations as it deems necessary to determine the ability of the Bidder to perform the work in this contract. The Bidder shall furnish to the City of Milford all such information and data for this purpose as the City of Milford may request. The City of Milford reserves the right to reject any proposal if the investigations of such Bidder fails to satisfy the City of Milford that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the work contemplated therein or has previously failed to properly perform or complete on time any contract.

Bidders shall furnish, in writing, the following information with each proposal:

- Background and experience of the principal members of organization, including officers;
- Description of some of the projects executed;
- A current financial statement showing assets, obligations and net worth of the Bidder; names of banking connections;
- List of contracts on hand and amount of each.

### **BASIS OF AWARD**

The City of Milford reserves the right to reject any or all proposals. Any proposal which contains an omission, alternations of form, additions or alternates not called for, erasures or corrections or in which any of the prices are obviously unbalanced, or which fails to conform to the regulations stated herein, may be disregarded and rejected as improper except that the City of Milford may waive any defects or irregularities. Any proposals which are submitted or received after the scheduled closing time for the receipt of proposals will be rejected.

When two or more bids are equal in all respects, award shall be made by lot which shall be witnessed by at least three persons and which may be attended by the Bidders or their representatives.

The Contract will be awarded to that qualified Bidder whose total bid is the lowest number of dollars, unless the proposals are rejected.

The acceptance of a Bid will be a notice, in writing, signed by a duly authorized representative of the City of Milford and no other act of the City of Milford shall constitute the acceptance of a Bid.

The acceptance of a Bid shall bind the successful Bidder to execute the Contract and to be responsible for **liquidated damages** as provided for in the General and Supplementary Conditions. The rights and obligations provided for in the contract shall become effective and binding upon the parties only with its formal execution by the City of Milford.

### **MANUFACTURERS, SUPPLIERS and SUBCONTRACTORS**

If the Bidder should choose to employ manufacturers and/or suppliers other than those listed in the contract documents, he shall submit a list of said suppliers as part of his bid. If no list is included in the bid, it shall be concluded by the City of Milford that the Bidder will use only those suppliers listed on the Drawings. An "or equal" supplier shall be included on the submitted list.

The Bidder acknowledges that the acceptance of subcontractors and alternate manufacture(s) and/or suppliers shall rest solely with the City of Milford and his decision shall be final.

## **PRE-AWARD CONFERENCE**

Before award of a Contract to the successful bidder, a pre-award conference may be held with the bidder, the Architect and the City of Milford. The purpose of such conference shall be to discuss the proposed work.

In anticipation of meeting the requirements of the General Conditions, the low bidder should expect to present a preliminary Schedule of Operations during the pre-award conference.

## **SCHEDULE OF OPERATIONS**

The Contractor shall submit a Schedule of Operations to the Architect as required in the General Conditions of these Specifications within five (5) days after execution of the Contract

## **NON-DISCRIMINATION**

The Bidder agrees and warrants that in the performance of this Contract he will not discriminate or permit discrimination against any person or group of persons; on the grounds of race, color, religious creed, age, marital status, national origin, sex, mental retardation, or physical disability, including, but not limited to, blindness, unless it is shown that such disability prevents performance of the work involved; in any manner prohibited by the laws of the United States or of the State of Connecticut. The Bidder further agrees to provide the commission on human rights and opportunities with such information requested by the commission concerning the employment practices and procedures of the contractor as relate to the provisions of Public Act 78-148.

## **UNIT PRICES**

The City of Milford does not assume any responsibility for, and the contractor shall not plead misunderstanding or deception because of any variation between estimated and final quantities. Unit Prices shall include an allowance for changes in market conditions during the period of the Contract. If conditions make it necessary to revise the quantities, no limit will be fixed for such increased or decreased quantities nor extra compensation allowed, except as provided for in the Section: CHANGES IN THE WORK under General Conditions. Any Bid not conforming to these requirements may be rejected.

All unit price work will include the cost of performing any incidental work not specifically covered by the unit description, but necessary and/or convenient for the completion of the unit price work (i.e. any excavation will include any necessary pumping and/or sheeting/shoring unless there are separate contract unit prices for pumping and/or sheeting/shoring).

## **PREVAILING WAGE RATES**

Prevailing wage rate laws apply to this project's contracts and subcontracts and failure to pay the prevailing rate results in statutorily-set fines.

## **TERMINATION**

The Owner may terminate the contract if the Contractor:

- a. persistently or repeatedly refuses or fails to supply enough properly skilled workers or proper materials;
- b. fails to make payment to subcontractors for materials or labor in accordance with the respective

agreements between the Contractor and Sub-Contractors

- c. persistently disregards laws, ordinances, rules, regulations or orders of a public authority having jurisdiction;
- d. is guilty of substantial breach of a provision of the contract documents
- e. if the cost of the project increases fifteen percent (15%) or more;
- f. if the cost of the project exceeds the owner's budget, including contingencies.

***- End of General Information -***

## Technical Specifications

CITY OF MILFORD, CT.  
PUBLIC WORKS DEPARTMENT

2016 ROOF REPLACEMENT PROJECTS

PARSONS GOVERNMENT CENTER  
TOWN HALL  
EGAN COMMUNITY CENTER

### DESCRIPTION OF WORK:

Removal and replacement of existing gravel surfaced built-up roofs with new, 90 mil EPDM roofing systems, installed over tapered insulation and covered by 30 Yr. roof system warranties.

All roof drains will be replaced. Roof system designs will meet 110 mph wind speed requirements and achieve or exceed State of Ct. codes for insulation values of R-20.

### WORK SUMMARY SPECIFIC TO BUILDINGS:

#### Parsons Government Center-

- Removal and disposal of existing roofing to concrete deck
- Test cut result: 3" insulation, gravel surfaced built-up roof\*
- All work completed in accordance with attached specifications and drawings
- Insulation crickets at units required to promote drainage
- Manufacturer's low flashing requirements at slate roofing as necessary
- Alternate #1 pricing for Masonry chimneys (2) being encapsulated with new copper siding/roofing
- Alternate#2 pricing for Re-installation of Lightning Protection system with re-certification
- Unit Pricing for Replacement of broken /missing slate roofing \$/slate. (match existing)
- Alternate#3 pricing for Removal of membrane, preparation and warranted application of Alsan RS 260 w/fleece by Soprema (or equal) at exterior slate roofing gutter. (Approx. 600 ln. ft.)
- Access / storage shall be provided

#### Town Hall-

- Removal and disposal of existing roofing to concrete deck
- Test cut result: 3" insulation, gravel surfaced built-up roof\*
- Baluster system to be carefully removed, stored and re-installed when roofing is complete
- Baluster supports shall be raised as necessary to accommodate pocket heights of 4" minimum
- All work completed in accordance with attached specifications and drawings
- Limited access provided / no ground storage permitted

#### Egan Community Center-

- Removal and disposal of existing roofing to steel deck
- Test cut result: 2" insulation, gravel surfaced built-up roof\*
- Re-secure deck panels at purlins/side laps to provide acceptable substrate
- Wire brush and apply a rust inhibiting paint to all deck surfaces
- Provide Unit Pricing for steel deck replacement, 18 ga./B-deck \$/sq. ft.
- Replace shingle roof section shown on drawing with a GAF, Life-Time Timberline shingle roofing system including 6' ice & water at eaves and valleys. #30 felt at all plywood sheathing. Provide Unit Pricing for plywood deck replacement, 5/8" CDX \$/sheet
- All work shall be completed in accordance with attached specifications and drawings
- Limited access / ground storage provided

\* Contractors shall field verify/measure

**Important Note: Cost for removal and disposal of all existing roofing to the deck shall be included in the base bid. Test cut results provided are not binding; therefore it is the responsibility of contractor to verify them prior to submittal of bid. Access to roofs will be provided upon request.**

END OF SECTION

## SECTION 07530

### EPDM ROOFING SYSTEM

#### PARSONS GOVERNMENT CENTER, TOWN HALL, EGAN CENTER CITY OF MILFORD, CT

#### PART 1 GENERAL

##### 1.01 GENERAL NOTES

- A. Preceding job start up, contractor shall decide to his satisfaction that all specifications contained herein are workable.
- B. Contractor will perform all work by competent, trained, and properly equipped personnel in strict accordance with good roofing practices and applicable industry standards.
- C. Contractor will observe all published safety prevention policies and practices relating to application of roofing system and related work. All federal, state, and local codes shall be followed.
- D. Contractor will follow application, safety, and etc. information as published in the most current edition of the manufacturer's EPDM Roofing System Specifications.

##### 1.02 WORK INCLUDED

- A. Work under this section covers the installation of a new 90 Mil EPDM Roofing System at above projects in Milford, CT. In addition, contractor shall include all related items of work as noted herein or indicated on the drawings or otherwise required to complete the specified elements of work and provide the necessary warranties for this work.
- B. Contractor shall remove the existing roof down to the roof deck including all existing composition base flashings. Contractor will dispose of all materials properly. Any asbestos removal shall comply with state and local codes and requirements and shall be disposed of in a legal manner (owner test results).

##### 1.03 SECTION INCLUDES

- A. Substrate preparation.
- B. Wood nailer installation.
- C. Membrane installation.
- D. Membrane flashing installation.
- E. Selective Demolition.
- F. Rough Carpentry.
- G. Roof Insulation.
- H. Sheet Metal, Flashing and Trim.
- I. Roofing Specialties and Accessories.

##### 1.05 DEFINITIONS

- A. Roofing Terminology: Refer to ASTM D1079 for definition of terms related to roofing work not otherwise defined in the section.
- B. Firestone: Firestone Building Products Co., Headquarters, 525 Congressional Blvd., Carmel, IN 46032-5607
- C. American Society for Testing and Materials (ASTM): 1916 Race St., Philadelphia, PA 19103

##### 1.06 SYSTEM DESCRIPTION: BASIS OF DESIGN:

- A. Firestone RubberGard Platinum 90 mil EPDM elastomeric sheet roofing that is adhered to acceptable substrate with Firestone water-based bonding adhesive.

- B. Pre-Approved Manufacturer's (no substitutes):
  - 1. Carlisle 90 mil Sure-Seal EPDM
  - 2. JM – JM 90 Mil EPDM

#### **1.07 SUBMITTALS**

- A. Product Data:
  - 1. Submit copies of Firestone Technical Information Sheets (TIS) for primary products used including roof membrane, splice tape, fasteners, and batten strip.
- B. Samples:
  - 1. Submit samples of roof membrane, fasteners, and walkway pads
- C. Application Information:
  - 1. Submit copy of Firestone application specification.
  - 2. Submit copy of job related Firestone details including flashings, base tie-ins, roof edges, terminations, expansion joints, penetrations, drains, and any other relevant details.
- E. Warranty: Submit warranty sample.
- F. Pre Installation Notice:
  - 1. Submit copy of Firestone Pre Installation Notice (PIN) that has been accepted and approved by manufacturer.
- G. Drawings:
  - 1. Submit manufacturers shop drawing for tapered insulation.
    - a. Shop drawings shall show complete layout of the tapered system and shall comply with the drainage patterns required. Only the manufacturer's tapered insulation shop drawings will be acceptable.
      - 1. The responsibility of providing shop drawings for this project lies solely with the manufacturer of the tapered insulation system. Shop drawings by others will not be acceptable.
      - 2. Shop drawings shall include: Outline of roof, location of drains, scuppers or gutters, profile of tapered insulation components, indications of minimum and maximum insulation thicknesses, and the average "R" value for the completed insulation system.
      - 3. The roofing contractor shall verify all roof dimensions and drain locations and confirm same with the manufacturer.
      - 4. Approved shop drawings shall be returned to the manufacturer before insulation is delivered to the jobsite.

#### **1.08 QUALITY ASSURANCE**

- A. Manufacturer:
  - 1. Company specializing in manufacturing the roofing membrane specified in this Section with ten years of manufacturing experience.
  - 2. System supplier must have ISO 9002 certification.
  - 3. Manufacturer must be able to provide the project with the membrane and Isocyanurate insulation that is produced in their facilities.
- B. Applicator:
  - 1. Shall be a Licensed 30 year Contractor.
  - 2. Shall have at least five years experience in installing specified 30 year system (manufacturer's letter required).

#### **1.09 REGULATORY REQUIREMENTS**

- A. Conform to applicable local building code requirements.
- B. Underwriters Laboratories, Inc. (UL): Class A Fire Hazard and FM 1-90 Classification.

#### **1.10 QUALITY INSPECTION/OBSERVATION**

- A. Inspection by Manufacturer: Provide a final inspection of the roofing system by a Technical Representative employed by roofing system manufacturer.
  - 1. Technical representative shall not perform any sales functions.

2. Contractor shall complete any necessary repairs required for issuance of warranty.

#### **1.11 PRE-INSTALLATION CONFERENCE (Option)**

- A. Before start of roofing work, attend a conference to discuss the proper installation of materials. Attendees shall include all parties directly affecting work of this Section.

#### **1.12 DELIVERY, STORAGE AND HANDLING**

- A. Deliver products in manufacturer's original containers dry, undamaged, seals and labels intact and legible.
- B. Store all materials clear of ground and moisture with weather protective covering.
- C. Keep all combustible materials away from ALL ignition sources.

#### **1.13 ENVIRONMENTAL REQUIREMENTS**

- A. Install roofing membrane only when surfaces are clean, dry, smooth and free of snow or ice.
- B. Do not apply roofing membrane during inclement weather or when ambient conditions will not allow proper application. Consult Firestone Technical Specifications on cold weather application.

#### **1.14 WARRANTY**

- A. Type/Term:
  1. Provide 30-year NDL 110 MPH Roofing System Limited Warranty. Warranty shall include membrane, roof insulation, sheet metal and membrane accessories.
- B. Coverage
  1. Warranty:
    - a. Limit of liability: No Dollar Limitation, 110 MPH wind speed
    - b. Scope of coverage:  
Repair any leak in the EPDM Roofing System caused by the ordinary wear and tear of the elements, unintentional and occasional damage to the membrane as a result of normal rooftop inspection, maintenance or service, manufacturing defect in materials, and the workmanship used to install these materials.

### **PART 2 PRODUCTS**

#### **2.01 NAILERS FOR FLANGES AND ROOF ACCESSORIES**

- A. Description: Structural Grade No. 2 or better Southern Pine, Douglas fir or Exterior Grade plywood. All wood shall be pressure treated for rot resistance.
  1. Nailer width: Minimum 3-1/2 in. (nominal) wide or as wide as the nailing flange of each roof accessory.
  2. Nailer thickness: Thickness of roof insulation.
- B. Reference Standards:
  1. Southern Pines: PS 20; SPIB Grading Rules.
  2. Western Woods: PS 20; WWPA Grading Rules
  3. Plywood: PS 1; APA Grade Stamps.
  4. Pressure preservative treatment: AWPB LP2.

#### **2.02 MANUFACTURERS - MEMBRANE MATERIALS**

- A. Basis of Design: Firestone RubberGard Platinum single-ply membrane system: 90 mil elastomeric sheet roofing that is adhered to acceptable substrate with Firestone water-based bonding adhesive.

## 2.04 ELASTOMERIC SHEET ROOFING AND FLASHING MEMBRANE

- A. Description: Non-reinforced, cured, synthetic single-ply membrane composed of Ethylene Propylene Diene Terpolymer (EPDM) conforming to the following physical properties:
1. Membrane Type:
    - a. 90 mil
    - b. Membrane shall have 90 mils of uninterrupted weatherable thickness.
    - c. Membrane shall comply with UL Class A fire requirements in conjunction with specified slope, insulation and surfacing.

Property:	Specification:
Specific Gravity	1.15 +/- 0.05
Tensile Strength, Minimum, psi ( Mpa )	1425 (9.8)
Elongation, Minimum, %	475
Tear Resistance, lbf / in (N / M)	210 ( 933)
Ozone Resistance, 166 hours @ 100 pphm @ 104°F with 50% extension	No Cracks
Heat Aging, 28 days @ 240°F	
Tensile Strength, Minimum psi ( Mpa)	1415 ( 9.8)
Elongation, Minimum %	310
Brittleness Point, max., °F, °C	-49 ( -45)
Water Absorption, change in weight after immersion in water for 166 hours @ 158°F, %	< 2.0
Tolerance On Nominal Thickness, %	+/- 10
Water Vapor Permeability, Perm-Mils	2.0

- B. Reference Standards:
1. ASTM D4637-96: Standard Specification for EPDM Sheet used in single-ply roof membrane
  2. ASTM D297: Methods for Rubber Products, Chemical Analysis.
  3. ASTM D412: Die C: Test Methods for Rubber Properties in Tension.
  4. ASTM D471: Test Methods for Rubber Property, Effect of Liquids.
  5. ASTM D573: Test Method for Rubber, Deterioration in an Air Oven.
  6. ASTM D624: Die C: Test Method for rubber property-Tear Resistance
  7. ASTM D746: Test Method for Brittleness Temperature of Plastics and Elastomers by Impact.
  8. ASTM D751: (Grab Method) Method of Testing Coated Fabrics.
  9. ASTM D816: (Modified) Methods of Testing Rubber Cements.
  10. ASTM D1149: Test Method for Rubber Deterioration, Surface Ozone Cracking in a Chamber.
  11. ASTM D2240: Test Method for Rubber Property - Durometer Hardness.
  12. ASTM E96: Test Methods for Water Vapor Transmission of Materials.
- C. Product/Producer:
1. RubberGard Platinum® EPDM membrane by Firestone.

## 2.05 INSULATION PRODUCTS

### POLYISOCYANURATE ROOF INSULATION AND COVER BOARD

- A. Description: Firestone 25 PSI Resista Roof insulation consisting of closed cell polyisocyanurate foam core and a specially coated, inorganic fiberglass facer.
- B. Description: JM Energy 3 FR 25 PSI
- C. Description: Carlisle HP-H 25 PSI
1. Thickness: 1/8" / ft. and 1/4" / ft Tapered (per plans)
  2. Nominal Size: 48 in x 48 in
- A. Cover Board – FIRESTONE ISOGARD HD – 120 PSI
- B. Cover Board – Manville Invinsa
- C. Cover Board – Carlisle SecurShield HD Plus
1. Thickness: ½"
  2. Nominal Size: 48" X 48"

Reference Standards

1. FS HH-I-1972/Gen.
2. FS HH-I-1973/3.
3. ASTM C 209 - Water Absorption.
4. ASTM E 96 - Water Vapor Transmission of Materials.
5. ASTM D 1621 - Compressive Strength.
6. ASTM D 1622 - Density.
7. ASTM D 2126 - Dimensional Stability.
8. ASTM E 84 - Flame Spread.

Product/Producer: RESISTA Polyisocyanurate Insulation by Firestone.

INSULATION ATTACHMENT

A. Metal Deck

1. Firestone Heavy Duty Fasteners and Firestone Insulation Plates at a rate of 20 fasteners per 4' X 8' board in the field, 30 at the perimeter. ISOGARD attached with ISOSTICK at 4" O.C.

B. Concrete Deck

1. Firestone ISOSTICK insulation Adhesive at 4" O.C.

**2.06 ELASTOMERIC SHEET ROOFING SYSTEM COMPONENTS**

A. Roof Flashing (Gravel Stops):

1. Description: Semi-cured 45 mil EPDM membrane laminated to 35 mil EPDM tape adhesive
2. Product/Producer:
  - a. QuickSeam™ Flashing by Firestone.

B. Elastomeric Uncured Flashing:

1. Description: Non-reinforced, self curing, synthetic, single-ply flashing composed of Ethylene Propylene Diene Terpolymer (EPDM) conforming to the following physical properties as indicated by ASTM D4811-90 standard specification for Non-vulcanized rubber sheet used as roof flashing.
  - a. Nominal Thickness: .060 inch

Property:	Specification:
Thickness	0.055
Green Strength Modulus 100% @ 75°F(psi)	25-250
Elongation, (Ultimate), %	400
modulus 100% @ 122°F(psi)	12
Elongation (Ultimate) %	200
Shelf Stability: Modulus 100% at 75°F(psi)	250
Elongation, min, %	400
Vulcanizability: Tensile strength, min, (psi)	406
Elongation, min, %	400
Tensile Set: min, %	80
Dimensional Stability, max, %	+/- 10
Weatherability , no cracks or crazing	pass
Water Vapor Permeability, Perm-Mils	2.0

b. Reference Standards:

1. ASTM D412:Test Methods for Rubber Properties in Tension
2. ASTM D471:Test Methods for Rubber Property-Effect of liquids
3. ASTM D573:Test Methods for Rubber-Deterioration in Air oven
4. ASTM D624:Test Methods for Rubber Property-Tear Resistance
5. ASTM D1149:Test Method for Rubber Deterioration-Surface Ozone Cracking in a chamber
6. ASTM D1204:Test Method for Linear Dimensional Changes on a Non-rigid Thermoplastic Sheeting or Film at Elevated Temperatures

- 7. ASTM D2137: Test Methods for Rubber Property-Brittleness Point of Flexible Polymers and Coated Fabrics
  - 2. Product/Producer:
    - a. EPDM FormFlash™ flashing membrane by Firestone.
- C. Lap Splice Tape:
  - 1. Description: 35 mil EPDM-based, formulated for compatibility with EPDM membrane and high-solids primer.
  - 2. Product/Producer:
    - a. QuickSeam™ Splice Tape by Firestone.
- D. Adhesive Primer:
  - 1. Description: High-solids, butyl based primer formulated for compatibility with EPDM membrane & tape adhesive.
  - 2. Product/Producer:
    - a. QuickPrime™ by Firestone.
- E. Batten Covers:
  - 1. Description: Cured 60 mil EPDM membrane laminated to 35 mil EPDM tape adhesive.
  - 2. Product/Producer:
    - a. QuickSeam™ Batten Cover by Firestone.
- F. Splice Adhesive:
  - 1. Description: Butyl-based, formulated for compatibility with EPDM membrane.
  - 2. Product/Producer:
    - a. RubberGard® Splice Adhesive by Firestone.
- G. Bonding Adhesive:
  - 1. Description: Acrylic-based, formulated for compatibility with EPDM membrane & a wide variety of substrate materials, including masonry, wood, and insulation facings.
  - 2. Product/Producer:
    - a. RubberGard® Water-based Bonding Adhesive by Firestone.
- H. Pourable Sealer:
  - 1. Description: 2-Part urethane, 2-color for reliable mixing.
- I. Seam Plates, Batten Strips and Insulation Plates:
  - 1. Description: Steel with a Galvalume® coating.
  - 2. Reference Standard: Corrosion-resistant to meet FM-4470 criteria.
- J. Termination Bar:
  - 1. Description: 1.3" X 0.10" thick aluminum bar with integral caulk ledge.
  - 2. Product/Producer:
    - a. Termination Bar by Firestone.
- K. Roof Walkway Pads:
  - 1. Description: EPDM Walkway Pads, 0.30" X 30" X 30" with EPDM tape adhesive strips laminated to the bottom.
  - 2. Product/Producer:
    - a. QuickSeam™ Walkway Pads by Firestone.

**2.07 METAL FLASHING – Parsons Government Center/Egan Center**

- A. Edge Metal:
  - 1. Description: Firestone AnchorGard 050 Kynar aluminum fascia (Egan) 16 Oz Freedom Gray fascia (Parsons)
  - 2. Description: Carlisle Secure Edge 2000  
Description: JM Presto-Tite,

**Town Hall**

16 Oz, copper ES-1 drip edge/cornice cover

- B. Gutters/scuppers/leaders at Egan – 040 kynar aluminum
- C. Counter flashing/slip metal at Parson/Town Hall – 16 oz. LCC

## **PART 3 INSTALLATION**

### **3.01 EXAMINATION**

- A. Examine roof deck to determine that it is sufficiently rigid to support roofers and their mechanical equipment and that deflection will no strain or rupture roof components or deform deck.
- B. Verify that surfaces and site conditions are ready to receive work. Correct defects in the substrate before commencing with roofing work.
- C. Examine roof substrate to verify that it is properly sloped to drains.
- D. Start work with sealants and adhesives at 60° - 80° F.
- E. Fumes from adhesive solvents may be drawn into the building during installation through rooftop intakes. Appropriate measures must be taken to assure that fumes from adhesive solvents are not drawn into the building through air intakes.
- F. For re-roofing applications only: remove existing roof system components as specified.
- G. The surface must be clean, dry, smooth, free of sharp edges, fins, loose or foreign materials, oil, grease and other materials that may damage the membrane, all roughened surfaces, which could cause damage, shall be properly repaired before proceeding.
- H. All surface voids of the immediate substrate greater than 1/4" wide must be properly filled with an acceptable insulation or suitable fill material.

### **3.02 PROTECTION OF OTHER WORK**

- A. Protect metal, glass, plastic, and painted surfaces from adhesives and sealants.
- B. Protect neighboring work, property, cars, and persons from spills and overspray from adhesives, sealants and coatings and from damage related to roofing work.
- C. Protect finished areas of the roofing system from roofing related work traffic and traffic by other trade.

### **3.03 MATERIAL STORAGE AND HANDLING**

- A. Keep all adhesives, sealants, primers and cleaning materials away from all sources of ignition.
- B. Consult container labels and material Safety Data Sheets (MSDS) for specific safety instructions.
- C. Deliver materials to job site in their original containers as labeled by the manufacturer.

### **3.04 WOOD NAILER LOCATION AND INSTALLATION – ALL REPLACED NEW**

- A. Total wood nailer height shall match the total thickness of insulation being used and shall be installed with a 1/8" gap between each length and at each change of direction.
- B. Wood nailers shall be firmly fastened to the deck. Mechanically fasten wood nailers to resist a force of 200 lbs. per linear foot.

### **3.05 ROOF INSULATION APPLICATION: GENERAL**

- A. Install only as much insulation as can be covered with the completed roofing system before the end of the day's work or before the onset of inclement weather.
- B. Lay roof insulation in courses parallel to roof edges.
- C. Neatly fit insulation to all penetrations, projections, and nailers. Insulation shall be fit tightly, with gaps not greater than 1/4". All gaps greater than 1/4" shall be filled with acceptable insulation. Under no circumstances shall the roofing membrane be left unsupported over a space greater than 1/4". Tapered insulation shall be installed around roof drains so as to provide proper slope for drainage. Miter roof insulation edges at ridge, valley and other similar non-planar conditions.
- D. When installing multiple layers of insulation, all joints between layers shall be staggered at least 6 in.

### **3.06 INSULATION ATTACHMENT**

- A. Firestone Resista ISO and ISOGARD
  1. Resista Attachment: Heavy Duty Fasteners (metal deck) and ISOSTICK Adhesive (concrete Decks)
  2. ISOGARD attachment (all decks): ISOSTICK

### **3.08 MEMBRANE PLACEMENT AND ATTACHMENT**

- A. Beginning at the low point of the roof, place the Firestone RubberGard Platinum membrane without stretching over the acceptable substrate and allow to relax a minimum of 30 minutes before attachment or splicing.
- B. After making sure the sheet is placed in its final position, fold it back evenly onto itself so as to expose the underside.
- C. Sweep the mating surface of the membrane with a stiff broom to remove excess dusting agent (if any) or other contaminants from the mating surface.
- D. Apply Bonding Adhesive at about the same time to both the exposed underside of the sheet and the substrate to which it will be adhered so as to allow approximately the same drying time. Apply Bonding Adhesive so to provide an even and uniform film thickness. Do not apply bonding adhesive to areas that will be subsequently spliced.
- E. Allow Bonding Adhesive to flash off until tacky. Touch the Bonding Adhesive surface with a clean, dry finger to be certain that the adhesive does not stick or string. As you are touching the adhesive, pushing straight down to check for stringing, also push forward on the adhesive at an angle to ensure that the adhesive is ready throughout its thickness. If either motion exposes wet or stringy adhesive when the finger is lifted, then it is not ready for mating.
- F. Starting at the fold, roll the previously coated portion of the sheet into the coated substrate slowly and evenly so as to minimize wrinkles.
- G. Compress the bonded half of the sheet to the substrate with a stiff push broom.
- H. Fold the unadhered half of the membrane sheet back onto itself, and repeat the bonding procedure to complete the bonding of the sheet.

### **3.09 MEMBRANE LAP SPLICING**

- A. General:
  1. Position the sheet at the splice area by overlapping membrane 5 inches. Once the membrane is in place, mark the bottom sheet 1/2" to 3/4" from the edge of the top sheet every 4 to 6 feet. Tack the sheet back with Firestone QuickPrime at 5' centers and at factory splices or as necessary to hold back the membrane at the splicing area.
  2. Remove excess amounts of dusting agent on the sheet and at factory splices using a stiff push broom. Stir Firestone QuickPrime thoroughly before and during use. Dip the QuickScrubber into the bucket of QuickPrime, keeping the QuickScrubber flat. Apply the QuickPrime using long back and forth type strokes with pressure along the length of the splicing area until surfaces become a dark gray in color. Apply QuickPrime to both surfaces at the same time to allow the same flash off time. Change the scrub pad each 200 feet of 3 inch field splice, or when the pad will no longer hold the proper amount of QuickPrime. Additional scrubbing is required at areas that may have become contaminated or have excess amounts of dusting agent, and at all factory splices.
  3. Position the QuickSeam Splice Tape on the bottom sheet, aligning the edge of the release paper with the markings. Immediately roll the splice tape with a 3"-4" wide silicone or silicone sleeved steel hand roller or a short nap 3" paint roller.
  4. When the QuickSeam Splice Tape has been installed for the entire splice length allow the top sheet to rest on top of the tape's paper backing. Trim the top sheet as necessary to assure that 1/8"-1/2" of the QuickSeam Splice Tape will be exposed on the finished splice.
  5. To remove the paper backing from the tape, first roll back the RubberGard Platinum membrane sheet, then peel the paper backing off the QuickSeam Splice Tape by pulling against the weight of the bottom sheet at approximately a 45 degree angle to the tape and parallel with the roof surface.

- Allow the top sheet to fall freely onto the exposed QuickSeam Splice Tape. Broom the entire length of the splice as the release paper is being removed.
6. Roll the splice using a 1-1/2"-2" wide silicone or silicone sleeved steel hand roller, first across the splice, and then along the entire length of the splice.
  7. Over the completed seam install a 5" QuickSeam Flashing cover strip centered over the Lap Splice. Remove excess amounts of dusting agent on the sheet and at factory splices using a stiff push broom. Stir Firestone QuickPrime Plus thoroughly before and during use. Dip the QuickScrubber into the bucket of QuickPrime Plus, keeping the QuickScrubber flat. Apply the QuickPrime Plus using long back and forth type strokes with pressure along the length of the splicing area until surfaces become a dark gray in color. Change the scrub pad each 100 feet of cover strip, or when the pad will no longer hold the proper amount of QuickPrime Plus. Additional scrubbing is required at areas that may have become contaminated or have excess amounts of dusting agent, and at all factory splices.
  8. Position the 5" QuickSeam Flashing cover strip centered over the Lap Splice. Immediately roll the splice tape with a 3"-4" wide silicone or silicone sleeved steel hand roller or a short nap 3" paint roller.
  9. To remove the paper backing from the flashing, peel the paper backing off the 5" QuickSeam Flashing cover strip by pulling at approximately a 45-degree angle to the flashing and parallel with the roof surface. Broom the entire length of the cover strip as the release paper is being removed.
  10. Roll the cover strip using a 1-1/2"-2" wide silicone or silicone sleeved steel hand roller, first across the cover strip, and then along the entire length of the cover strip.

### 3.10 MEMBRANE SECUREMENT

- A. Secure membrane at all locations where the membrane terminates or goes through an angle change greater than 2" in 12" except for round pipe penetrations less than 18" in diameter and square penetrations less than 4" square.
- B. Mechanically fasten Reinforced Perimeter Fastening Strips per recommendations.

### 3.11 FLASHING - PENETRATIONS

- A. General:
  1. Remove all existing flashings (i.e. lead, asphalt, mastic, etc.).
  2. Flash all penetrations passing through the membrane.
  3. The flashing seal must be made directly to the penetration.
- B. Pipes, Round Supports, etc
  1. Flash with Pre-Molded EPDM Pipe Flashings where practical.
  2. Flash using FormFlash when Pre-Molded EPDM Pipe Flashing is not practical.
- C. Structural Steel Tubing:
  1. Use a field fabricated pipe flashing detail provided that the minimum corner radius is greater than 1/4" and the longest side of the tube does not exceed 12". When the tube exceeds 12" use a standard curb detail.
- D. **Roof Drains: All New Josam Cast iron, 4" assemblies**
  1. If project is a Tear-off or Reroof remove all existing flashings, drain leads, roofing materials and cement from the existing drain in preparation for membrane and Water Block Seal.
  2. Provide a clean even finish on the mating surfaces between the clamping ring and the drain bowl.
  3. Taper insulation around the drain to provide a smooth transition from the roof surface to the drain. Use pre-manufactured tapered insulation with facer or suitable bonding surface to achieve slope. Slope shall not exceed Firestone recommendations.
  4. Position the 90 mil membrane, then cut a hole for the roof drain to allow 1/2" -3/4" of membrane extending inside the clamping ring past the drain bolts.
  5. Make round holes in the 90 mil membrane to align with clamping bolts. Do not cut the membrane back to the bolt holes.
  6. Place Water Block Seal on top of drain bowl where the clamping ring seats below the membrane
  7. Install the roof drain clamping ring and clamping bolts. Tighten the clamping bolts to achieve constant compression.
- E. Pipe Clusters and Unusual Shaped Penetrations:
  1. Fabricate penetration pockets to allow a minimum clearance of 1" between the penetration and all sides.
  2. Secure penetration pockets per 30 year Details

- 3. Fill penetration pockets with Pourable Sealer, so as to shed water. Pourable Sealer shall be a minimum of 2" deep.
- F. Hot Pipes:
  - 1. Protect the rubber components from direct contact with steam or heat sources when the in-service temperature is in excess of 180° F. In all such cases flash to an intermediate insulated "cool" sleeve per 30 year details.
- G. Flexible Penetrations:
  - 1. Provide a weathertight gooseneck set in Water Block Seal and secured to the deck.
  - 2. Flash in accordance with Firestone Platinum Details.
- H. Scuppers:
  - 1. Remove existing scupper and provide a new welded watertight scupper or clean the existing scupper for reuse.
  - 2. Set welded watertight scupper in Water Block Seal and secure to the structure.
  - 3. Flash in accordance with 30 year details Details.
- I. Expansion Joints:
  - 1. Install as shown on roof drawings in accordance with 30 year details.

### **3.12 FLASHING - WALLS, PARAPETS, MECHANICAL EQUIPMENT CURBS, SKYLIGHTS, ETC.**

- A. General:
  - 1. Using the longest pieces practical, flash all walls, parapets, curbs, etc., a minimum of 8" high per 30 year Details.
- B. Evaluate Substrate:
  - 1. Evaluate the substrate and overlay per 30 year specifications as necessary.
- C. For Tear-off projects:
  - 1. Remove loose or unsecured flashings.
  - 2. Remove mineral surfaced or coated flashings.
  - 3. Remove excessive asphalt to provide a smooth, sound surface for new flashings.
- D. Complete the splice between flashing and the main roof sheet with Splice Adhesive before adhering flashing to the vertical surface. Provide lap splices in accordance with Firestone Platinum Details.
- E. Apply Bonding Adhesive at about the same time to both the flashing and the surface to which it is being bonded so as to allow approximately the same flash off time. Apply Bonding Adhesive in a uniform coating.
- F. Allow Bonding Adhesive to flash off until tacky. Touch the Bonding Adhesive surface with a clean, dry finger to be certain that the adhesive does not stick or string. While touching the adhesive, pushing straight down to check for stringing, also push forward on the adhesive at an angle to ensure that the adhesive is ready throughout its thickness. If either motion exposes wet or stringy adhesive when the finger is lifted, then it is not ready for mating. Flash off time will vary depending on ambient air conditions.
- G. Roll the flashing into the adhesive evenly and carefully so as to minimize wrinkles.
- H. Ensure proper contact of flashing by brooming in place.
- I. Provide termination directly to the vertical substrate as shown on roof drawings.
- J. Install T-Joint covers at field and flashing splice intersections as required by Firestone.
- K. Install intermediate flashing attachment as required by 30 year Specifications and Details.

### **3.14 TEMPORARY CLOSURE**

- A. Temporary closures, which ensure that moisture does not damage any completed section of the new roofing system, are the responsibility of the applicator. Completion of flashings, terminations, and temporary closures shall be completed as required to provide a watertight condition.

### **3.15 ROOF WALKWAYS**

- A. Install walkways at all access points to the roof and around all rooftop equipment that may require maintenance and as shown on roof drawings.
- B. Layout Walkway Pads so that the flat surface is over the completed RubberGard Platinum membrane, spacing each pad a minimum of 1" and a maximum of 3" from each other to allow for drainage.

Walkway pads may not be used within 10' of any roof edge or perimeter. These areas will require the installation of concrete pavers.

- C. If the installation of Walkway Pads over field fabricated splices or within 6" of a splice edge cannot be avoided, flash in the splice using QuickSeam Flashing prior to installing the walkway pad. The QuickSeam Flashing shall extend beyond the walkway pad a minimum of 6" on either side.
- D. Remove the release paper. Turn the walkpad over and place it in the QuickPrime.
- E. Walk on the pad to press in place assuring proper adhesion.

### **3.16 SHEET METAL WORK**

- A. Install required sheet metal as shown on roof drawings.
- B. Follow current industry guidelines for installation to meet 110 MPH wind speed warranty requirements, whichever is more stringent.

### **3.17 FIELD QUALITY CONTROL**

- A. Field inspection and testing will be performed as required by the manufacturer
- B. Correct identified defects or irregularities.

### **3.18 CLEAN-UP**

- A. Clean all contaminants from building and surrounding areas.
- B. Remove trash, debris, equipment from project site and surrounding areas.
- C. Repair or replace damaged building components or surrounding areas to the satisfaction of the building owner.

**No substitutions from these systems or components.**

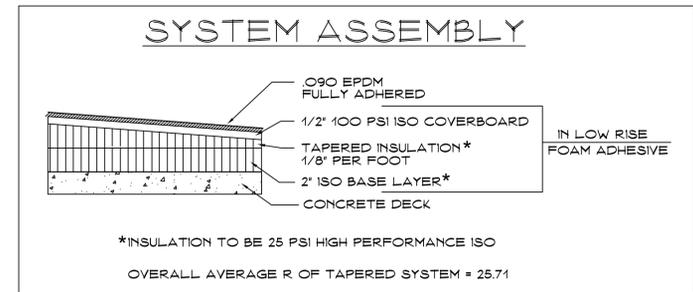
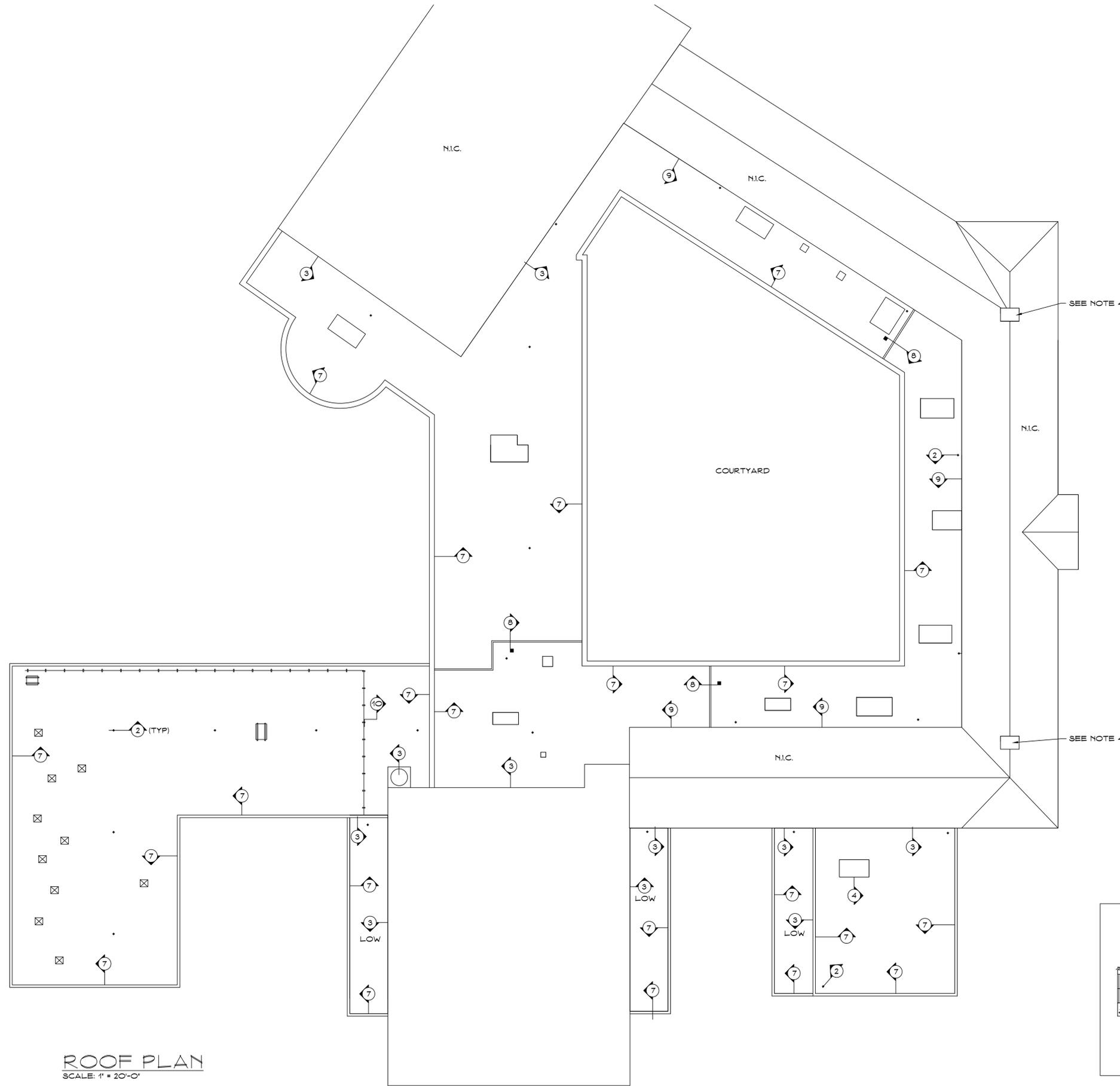
**END OF SECTION**

## **End of Technical Specifications**

**Drawings follow beginning on next page**

**NOTES:**

1. V.I.F. ROOF DIMENSIONS
2. VERIFY LOCATION, SIZE AND NUMBER OF ROOF PENETRATIONS, INCLUDING: CURBS, PIPES, DUNNAGE, PITCH BOXES, ETC.
3. CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND FLASH IN ACCORDANCE WITH WARRANTY REQUIREMENTS.
4. ALT #1:  
INSTALLING FURRING, SHEATHING AND ICE & WATER  
INSTALL NEW COPPER VERTICAL STANDING SEAM PANELS AND CAP. TIE INTO EXISTING DECKING AND INSTALL NEW SLATE ROOFING TO MATCH



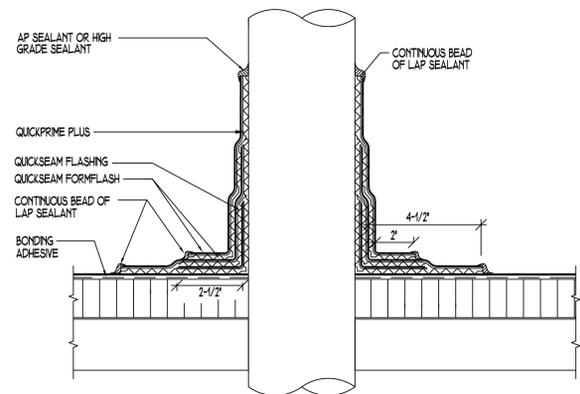
**ROOF PLAN**  
SCALE: 1" = 20'-0"

SCALE: NOTED  
DATE: 3/23/16  
PAGE: 1 OF 2  
DRAWN BY: SG

**PROJECT: PARSONS GOVERNMENT CENTER**

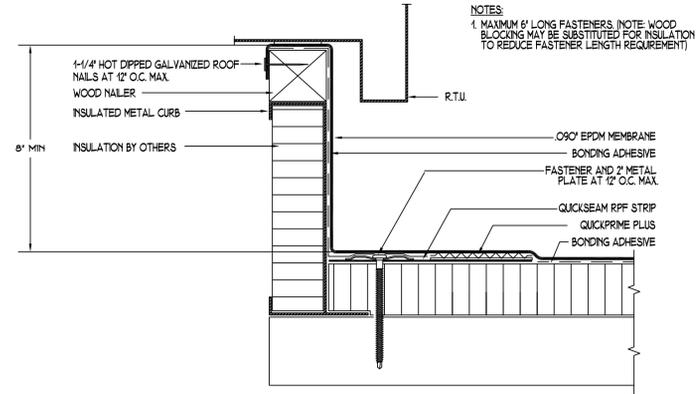
**70 WEST RIVER STREET**

**MILFORD, CT 06460**



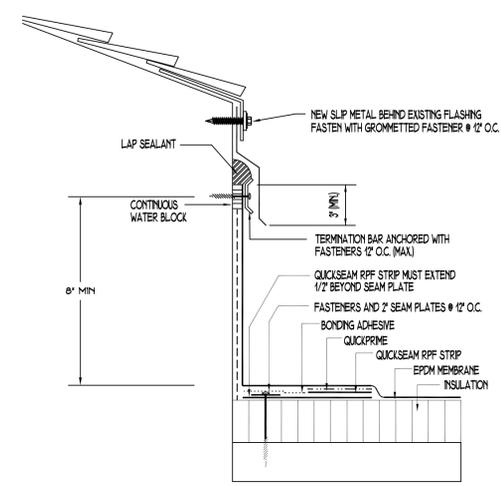
FIELD WRAP PIPE

1



ROOF CURB

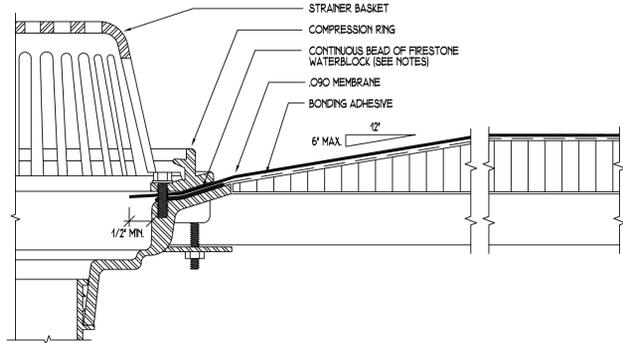
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TERMINATION AND BASE TIE-IN

9

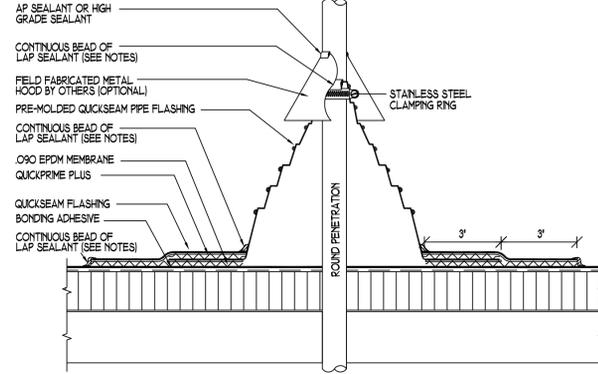
- NOTES:
- HOLE IN MEMBRANE SHOULD EXTEND A MINIMUM OF 1/2' BEYOND CLAMPING RING AND SHOULD NOT BE SMALLER THAN THE DIAMETER OF THE LEADER PIPE.
  - INSULATION ADJACENT TO DRAIN TO BE APPROPRIATE INSULATION WITH APPROPRIATE BONDING SURFACE.
  - WATERBLOCK MIN. OF 1/2 OF 10 OZ. TUBE PER 4' DRAIN. USE ADDITIONAL WATERBLOCK FOR LARGER DRAINS.
  - IN REROOF APPLICATIONS:
    - REMOVE EXISTING FLASHINGS DOWN TO METAL BOWL.
    - REPAIR OR REPLACE BROKEN DRAIN COMPONENTS.
    - DRILL AND TAP BROKEN DRAIN BOLTS AND REPLACE IF NECESSARY.



ROOF DRAIN

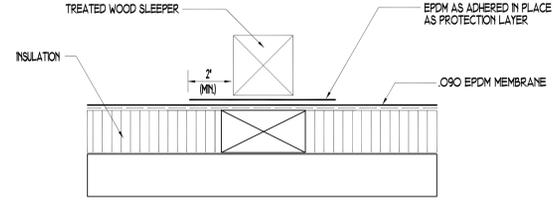
2

- NOTES:
- REMOVE ALL EXISTING FLASHINGS, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
  - PIPE MUST BE ANCHORED TO ENSURE STABILITY.
  - PRE-MOLDED QUICKSEAM PIPE FLASHING MAY BE CUT TO HEIGHT, BUT NO LOWER THAN REINFORCING RING (NO WRINKLES OR FOLDS UNDER CLAMPING RING)
  - 12\"/>



VENT PIPE FLASHING

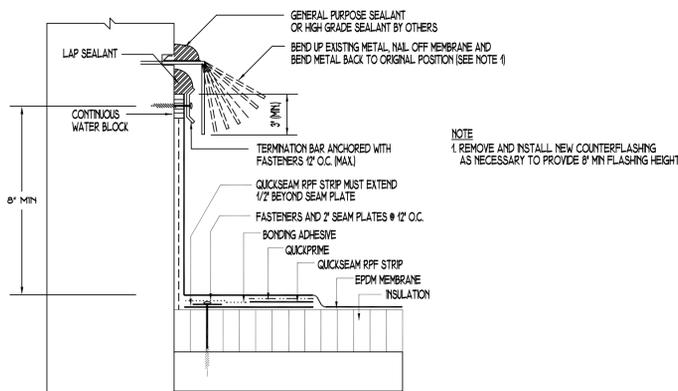
6



SLEEPER

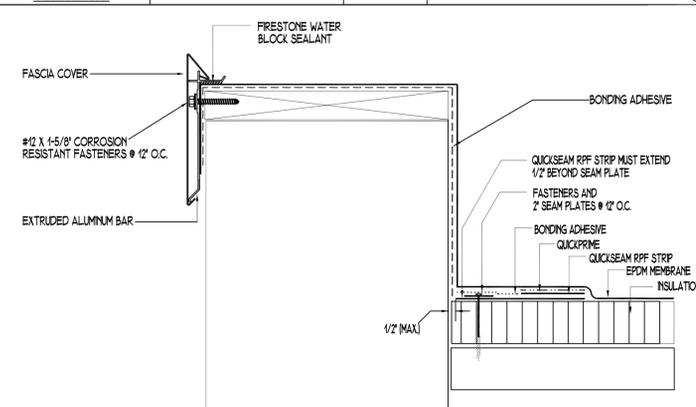
10

Firestone BUILDING PRODUCTS



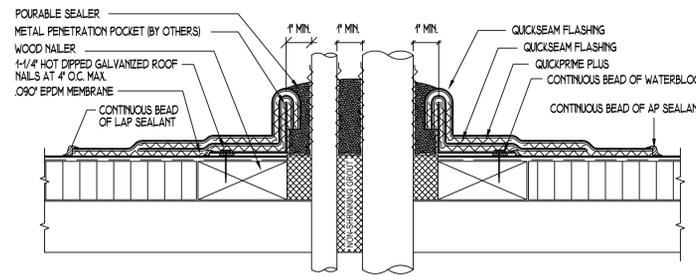
TERMINATION AND BASE TIE-IN

3



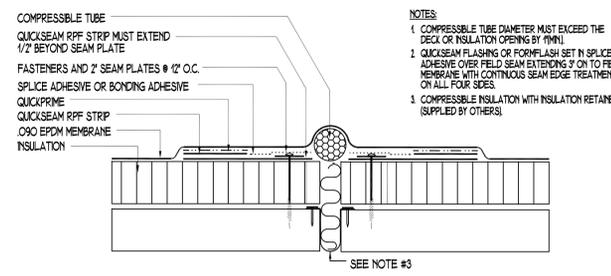
TERMINATION AND BASE TIE-IN

7



PENETRATION POCKET

4



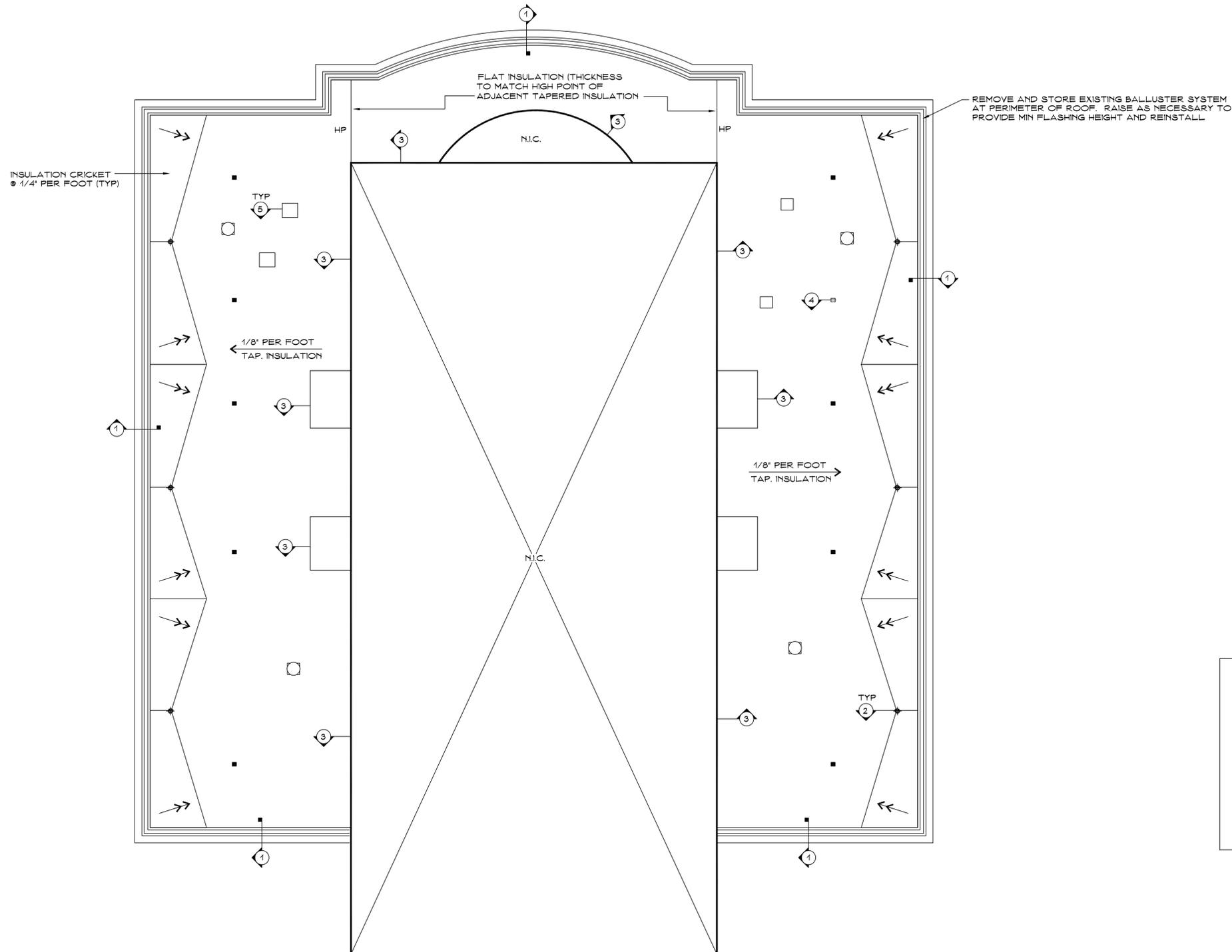
EXPANSION JOINT WITH RPF STRIP

8

SCALE: NOTED  
DATE: 3/28/16  
PAGE: 2 OF 2  
DRAWN BY: SG

PROJECT: PARSONS GOVERNMENT CENTER  
70 WEST RIVER STREET  
MILFORD, CT 06460

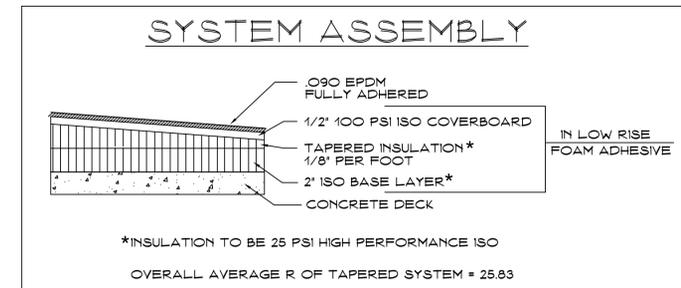
RP-2



ROOF PLAN  
SCALE: 1/8" = 1'-0"

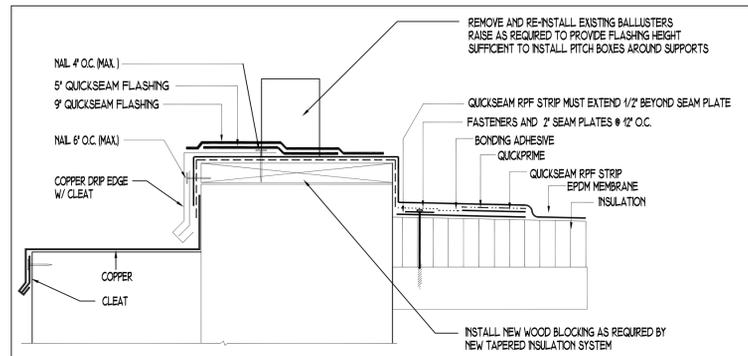
**NOTES:**

1. V.I.F. ROOF DIMENSIONS
2. VERIFY LOCATION, SIZE AND NUMBER OF ROOF PENETRATIONS, INCLUDING: CURBS, PIPES, DUNNAGE, PITCH BOXES, ETC.
3. CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND FLASH IN ACCORDANCE WITH WARRANTY REQUIREMENTS.
4. REMOVE ALL OBSOLETE PITCH BOXES



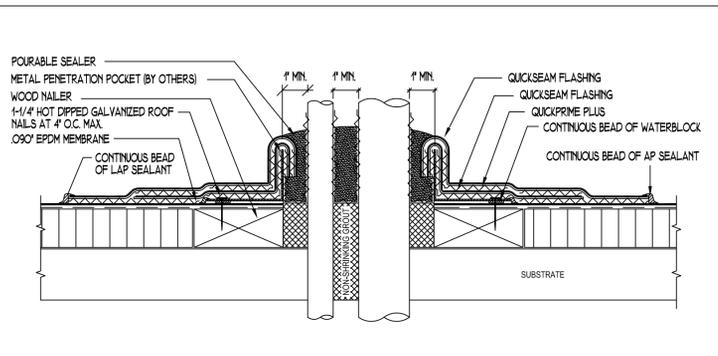
SCALE: NOTED  
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PAGE: 1 OF 2  
DRAWN BY: SG

PROJECT: MILFORD TOWN HALL  
110 RIVER STREET  
MILFORD, CT 06460



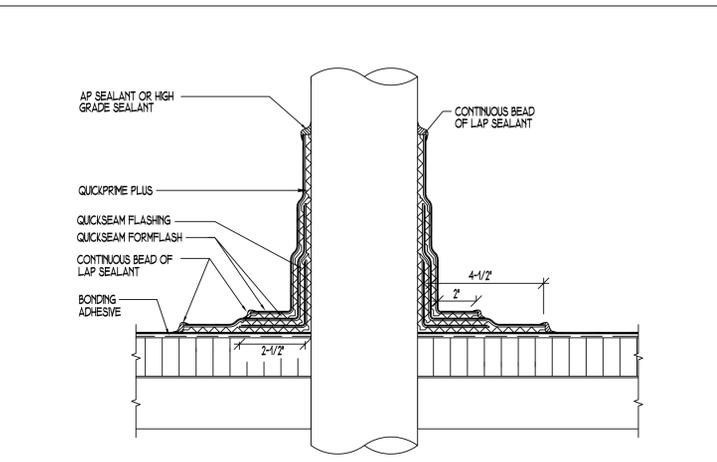
ROOF EDGE

1



PENETRATION POCKET

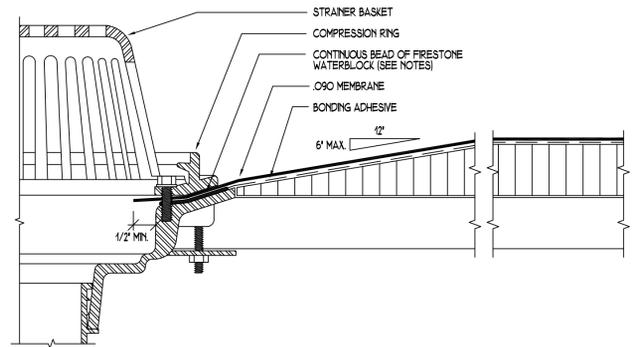
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FIELD WRAP PIPE

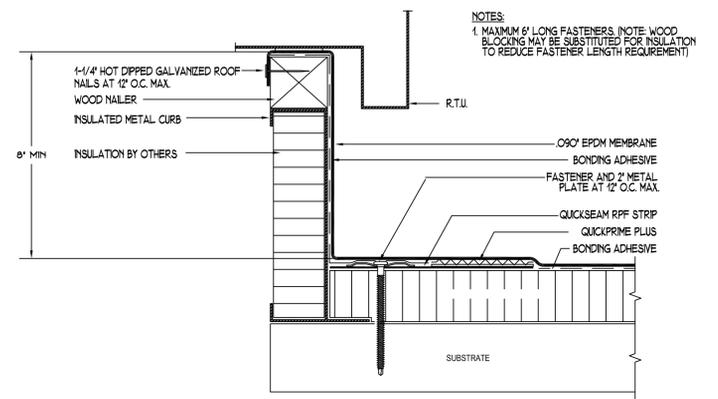
7

- NOTES:
- HOLE IN MEMBRANE SHOULD EXTEND A MINIMUM OF 1/2" BEYOND CLAMPING RING AND SHOULD NOT BE SMALLER THAN THE DIAMETER OF THE LEADER PIPE.
  - INSULATION ADJACENT TO DRAIN TO BE APPROPRIATE INSULATION WITH APPROPRIATE BONDING SURFACE.
  - WATERBLOCK MIN. OF 1/2 OF 10 OZ. TUBE PER 4" DRAIN. USE ADDITIONAL WATERBLOCK FOR LARGER DRAINS.
  - IN REEROOF APPLICATIONS:
    - REMOVE EXISTING FLASHINGS DOWN TO METAL BOWL.
    - REPAIR OR REPLACE BROKEN DRAIN COMPONENTS
    - DRILL AND TAP BROKEN DRAIN BOLTS AND REPLACE IF NECESSARY.



ROOF DRAIN

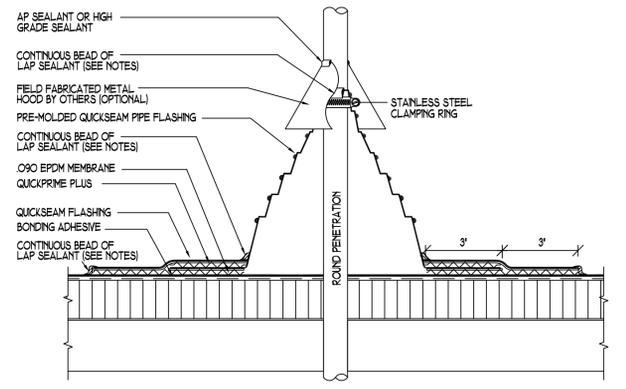
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ROOF CURB

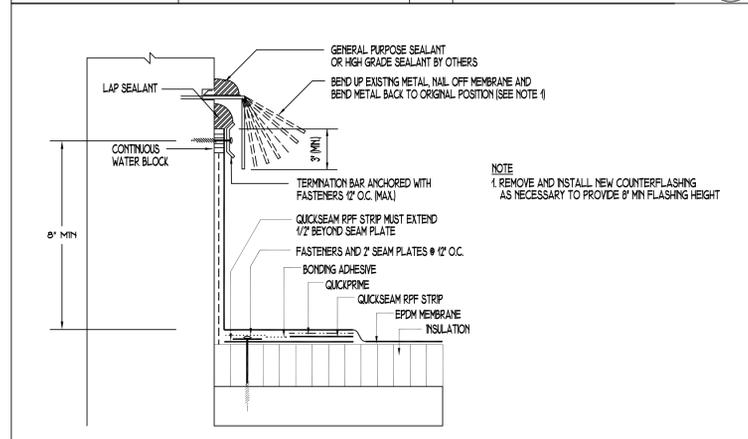
5

- NOTES:
- REMOVE ALL EXISTING FLASHINGS, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
  - PIPE MUST BE ANCHORED TO ENSURE STABILITY.
  - PRE-MOLDED QUICKSEAM PIPE FLASHING MAY BE CUT TO HEIGHT, BUT NO LOWER THAN REINFORCING RING (NO WRINKLES OR FOLDS UNDER CLAMPING RING)
  - 12" QUICKSEAM FORMFLASH EXTENDING 1/4" FROM PIPE FLASHING WALL TO 9" BEYOND FLASHING
  - APPLY LAP SEALANT BETWEEN PENETRATION AND PRE-MOLDED PIPE FLASHING PRIOR TO INSTALLATION OF CLAMPING RING.
  - PRE-MOLDED PIPE FLASHING FITS 1" - 6" PENETRATION SIZES
  - DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180° F.



VENT PIPE FLASHING

6

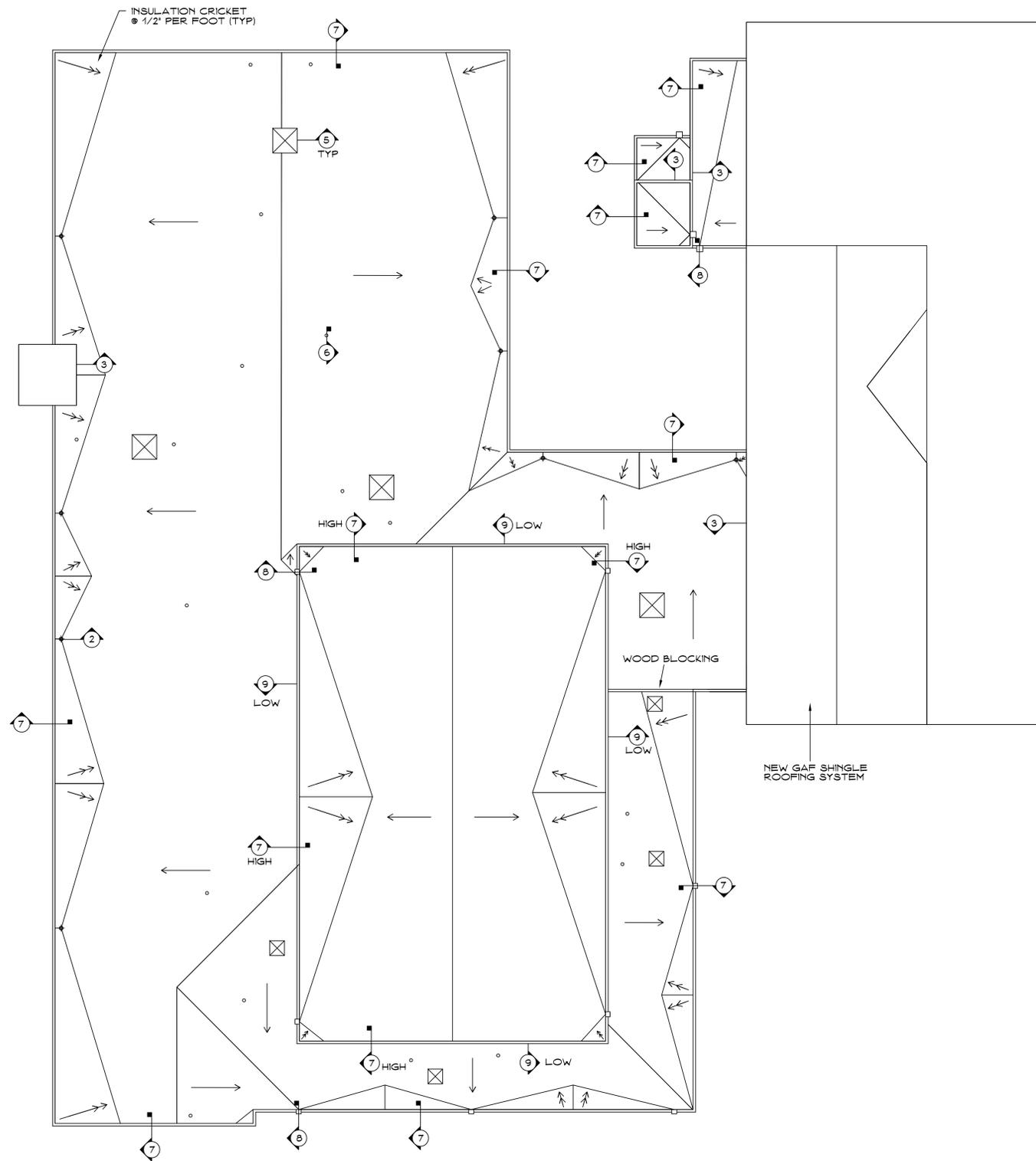


TERMINATION AND BASE TIE-IN

3

SCALE: NOTED  
DATE: 3/23/16  
PAGE: 2 OF 2  
DRAWN BY: SG

PROJECT: MILFORD TOWN HALL  
110 RIVER STREET  
MILFORD, CT 06460

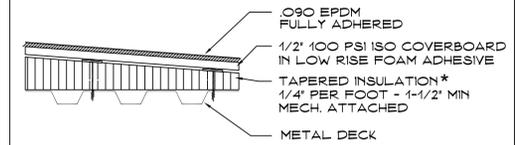


**ROOF PLAN**  
SCALE: 3/32" = 1'-0"

**NOTES:**

1. V.I.F. ROOF DIMENSIONS
2. VERIFY LOCATION, SIZE AND NUMBER OF ROOF PENETRATIONS, INCLUDING: CURBS, PIPES, DUNNAGE, PITCH BOXES, ETC.
3. CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND FLASH IN ACCORDANCE WITH WARRANTY REQUIREMENTS.
4. REMOVE ALL OBSOLETE PITCH BOXES

**SYSTEM ASSEMBLY**



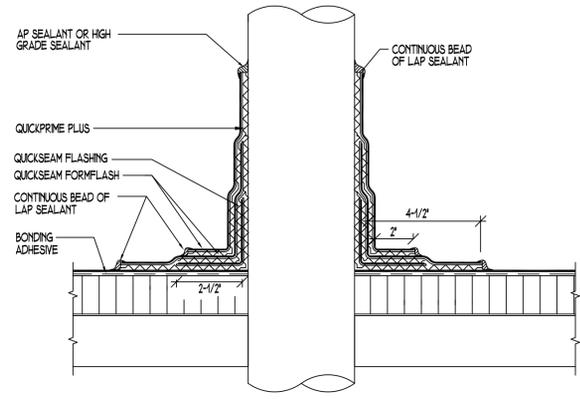
\*INSULATION TO BE 25 PSI HIGH PERFORMANCE ISO  
OVERALL AVERAGE R OF TAPERED SYSTEM = 30.56

SCALE: NOTED  
DATE: 4/11/16  
PAGE: 1 OF 2  
DRAWN BY: SG

**PROJECT: EGAN CENTER**

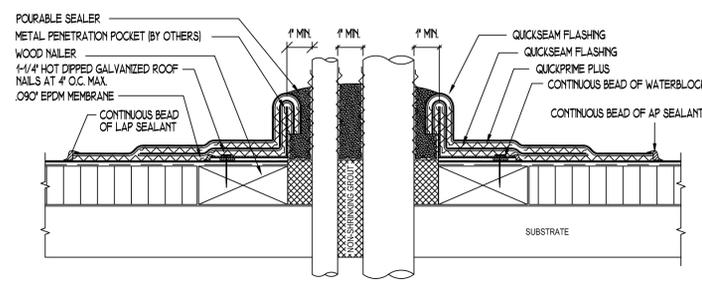
**35 MATTHEWS STREET**

**MILFORD, CT 06460**



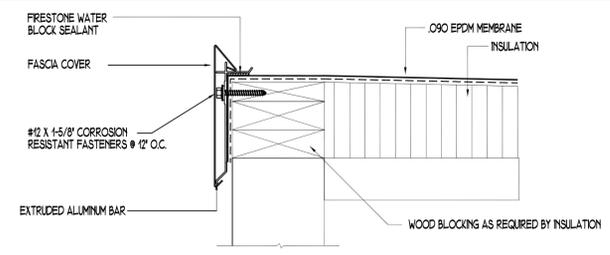
FIELD WRAP PIPE

7

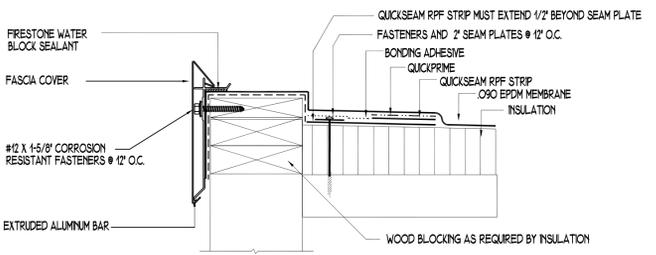


PENETRATION POCKET

4



AT FLUSH CONDITION

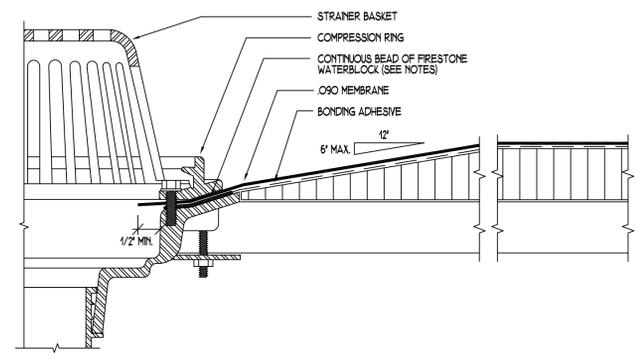


AT NON-FLUSH CONDITION

ROOF EDGE

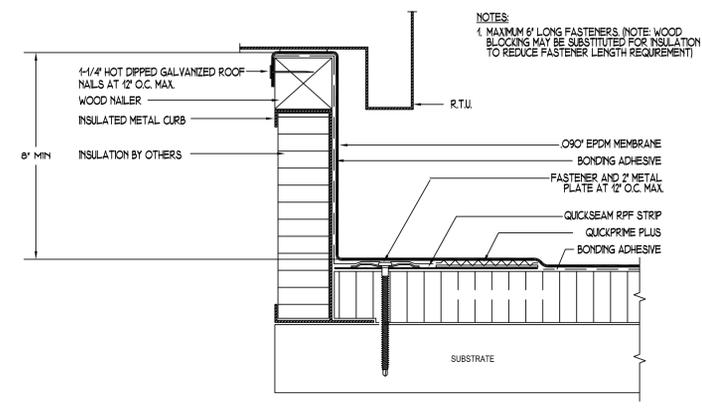
7

- NOTES:
- HOLE IN MEMBRANE SHOULD EXTEND A MINIMUM OF 1/2" BEYOND CLAMPING RING AND SHOULD NOT BE SMALLER THAN THE DIAMETER OF THE LEADER PIPE.
  - INSULATION ADJACENT TO DRAIN TO BE APPROPRIATE INSULATION WITH APPROPRIATE BONDING SURFACE.
  - WATERBLOCK MIN. OF 1/2" OF 10 OZ. TUBE PER 4" DRAIN. USE ADDITIONAL WATERBLOCK FOR LARGER DRAINS.
  - IN REROOF APPLICATIONS:
    - REMOVE EXISTING FLASHINGS DOWN TO METAL BOWL.
    - REPAIR OR REPLACE BROKEN DRAIN COMPONENTS
    - DRILL AND TAP BROKEN DRAIN BOLTS AND REPLACE IF NECESSARY.



ROOF DRAIN

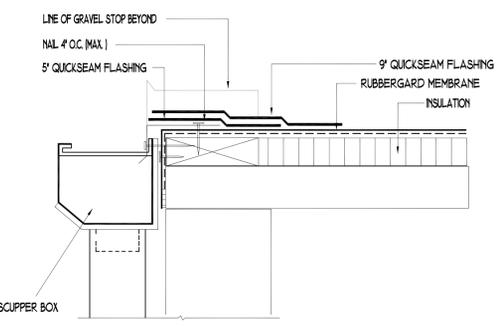
2



ROOF CURB

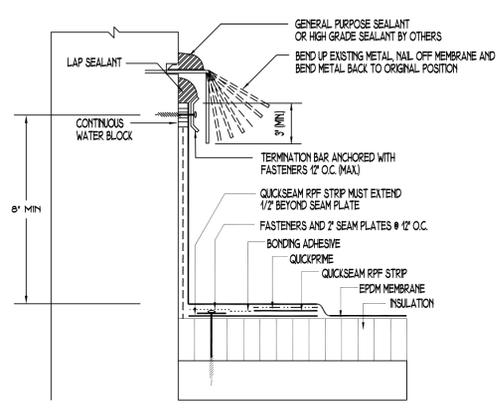
5

- NOTES:
- MAXIMUM 6" LONG FASTENERS. NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT.



SCUPPER DETAIL

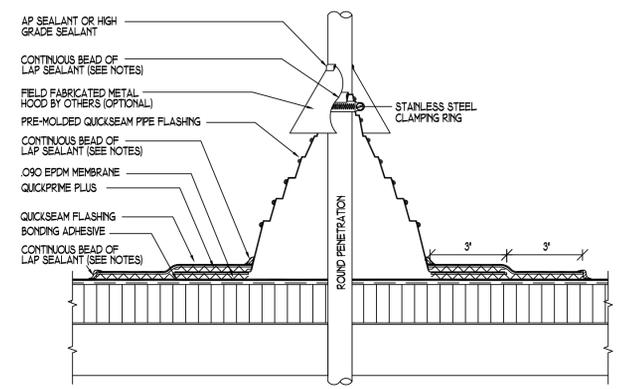
8



TERMINATION AND BASE TIE-IN

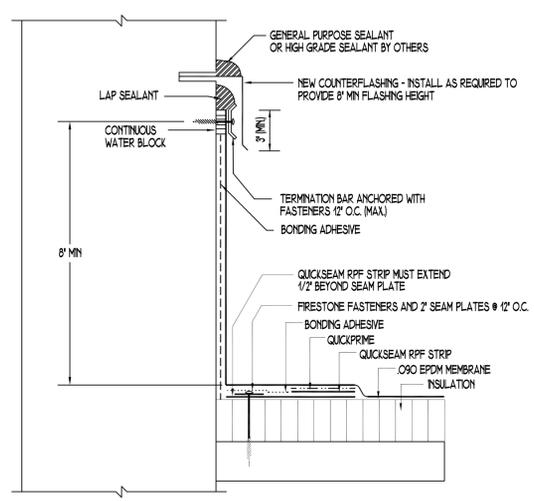
3

- NOTES:
- REMOVE ALL EXISTING FLASHINGS, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
  - PIPE MUST BE ANCHORED TO ENSURE STABILITY.
  - PRE-MOLDED QUICKSEAM PIPE FLASHING MAY BE CUT TO HEIGHT, BUT NO LOWER THAN REINFORCING RING (NO WRINKLES OR FOLDS UNDER CLAMPING RING)
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  - APPLY LAP SEALANT BETWEEN PENETRATION AND PRE-MOLDED PIPE FLASHING PRIOR TO INSTALLATION OF CLAMPING RING.
  - PRE-MOLDED PIPE FLASHING FITS 1" - 6" PENETRATION SIZES
  - DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180° F.



VENT PIPE FLASHING

6



TERMINATION AND BASE TIE-IN

9

SCALE: NOTED  
DATE: 3/28/16  
PAGE: 2 OF 2  
DRAWN BY: SG

PROJECT: EGAN CENTER  
35 MATTHEWS STREET  
MILFORD, CT 06460

Name of Bidder \_\_\_\_\_

The undersigned, having become thoroughly familiar with the terms and conditions of the Scope of Work and with local conditions affecting performance and costs, hereby proposes and agrees to fully perform and complete the Scope of Work in strict accordance with the Bid Package for the following sum(s) of money, including all labor, parts, materials, applicable permits needed to perform the Scope of Work:

**2016 Roof Replacement Project**

**Bid for total roof replacement as specified for each individual building awarded separately:**

Parsons Govt. Center \$ \_\_\_\_\_  
 Town Hall \$ \_\_\_\_\_  
 Egan Center \$ \_\_\_\_\_

**Option 1: Awarded as One Contract for all three (3) Buildings:**

Total Bid for one contract for the three Buildings: \$ \_\_\_\_\_  
In figures  
 \$ \_\_\_\_\_  
In words

Add Alternate #1	Parsons-Copper vent covers (2)	\$ _____
Add Alternate #2	Parsons- Lightning protection	\$ _____
Add Alternate #3	Parsons Gutter reinforced, Polyurethane system	\$ _____
Unit Pricing	Steel Deck Replacement (Egan) \$ / sq. ft.	\$ _____
	Plywood Deck Replacement (Egan) \$/ sq. ft.	\$ _____
	Slate Roofing Replacement (Parsons) \$/ slate	\$ _____

**Addenda:**

The following Addenda for this contract were received:

<u>Number</u>	<u>Date</u>
_____	_____
_____	_____
_____	_____

[ ] Check here if exceptions to the specifications are taken. Outline same in an attachment to the back of this form.

**Important Note** - The Bid will be awarded **either** to the lowest, compliant bidder for each individual building, (Parsons Govt. Center, Town Hall, Egan Center) **or** to the lowest, compliant bidder for Option 1 (One Contract for all three (3) buildings), whichever is deemed to be in the best interest of the City of Milford.

**BID FORM – Page 2**

In submitting this bid, the undersigned further agrees:

- 1. The Owner reserves the right to reject this proposal.
- 2. This bid shall remain open for a period of SIXTY (60) days.
- 3. To enter into and execute a Contract Agreement on the prescribed form, if awarded on the basis of this proposal, and/or any mutually acceptable modifications thereto.
- 4. To commence and complete all work within the prescribed schedule as attached.
- 5. To utilize one of the specified roof systems in its entirety. **No substitutions from these systems or components.**

The undersigned bidder certifies that this bid is made independently, without collusion, agreement, understanding, or planned course of action with any other bidder and that the contents of this bid shall not be disclosed to anyone other than employees, agents, or sureties prior to the official bid opening.

Sign Here >	_____	Date	_____
Print Name	_____	Tel	_____
Company	_____	FAX	_____
Address	_____	<b>E-mail</b>	_____
	_____		

Type of Organization:

Corporation	_____	Partnership	_____
Sole Proprietor	_____	Other	_____

- ✓ Attach list of any proposed subcontractors.
- ✓ Attach letter from roof system manufacturer stating 5 yrs. experience as 30 yr. system applicator.
- ✓ Attach Ct. Major Contractor License & DAS Prequalification Certificate, Class C required
- ✓ Attach list of at least ten references, including contact name, company or organization, telephone number, type of roof installed, and date of installation.
- ✓ Attach schedule for completion.

## DRUG FREE WORKPLACE CERTIFICATE

*(You are **NOT** required to sign this form. Sign it only if it is applicable to your company.)*

I hereby certify that this company:

1. Has a published statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and that this statement specifies the actions which will be taken against employees for violations of such prohibition.
2. Has a written policy informing employees about the dangers of drug abuse in the workplace, the firm's policy of maintaining a drug free workplace, any available counseling, rehabilitation, and employee assistance programs, and the penalties which may be imposed upon employees for drug use violations.
3. Each employee engaged in providing the commodities or contractual services which are being bid was given a copy of the statements specified in paragraphs 1 and 2, above.
4. In the statement specified in paragraph 1, the employees have been notified that, as a condition of working on the commodities or contractual services which are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of "guilty", or of "nolo contendere" to any violation of any controlled substance law of the United States or of any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. This firm will impose a sanction on or require the satisfactory participation in a drug abuse assistance program or a rehabilitation program, if such are available in the employee ' s community, by any employee who is so convicted.
6. This firm will make a good faith effort to continue to maintain a drug free workplace.

As the person authorized to sign this statement, I certify that this firm fully complies with the above requirements.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Print name \_\_\_\_\_

Company \_\_\_\_\_