

REQUEST FOR BIDS/PROPOSALS



CITY OF BROOKSVILLE FIRE STATION REROOF REBID REBID BID NO.: FR2015-11

ADVERTISED: Tampa Bay Times, Saturday, August 8, 2015

PREBID MEETING: N/A

CLOSING: 3:00 p.m., Friday, August 21, 2015

BIDS/PROPOSALS ARE TO BE SUBMITTED TO:

CITY OF BROOKSVILLE
ATTN: CITY CLERK
201 HOWELL AVENUE
BROOKSVILLE, FL 34601

ATTACHMENTS: Notice of Request for Bids/Proposals
General Instructions and Conditions
Special Instructions and Conditions
Minimum Technical Specifications
Bid Forms (**To be submitted with bid.**):
Bid/Certification Form
Public Entity Crimes Statement
Drug Free Workplace Certification
Agreement for Contractor Services

Janet Kato

Janet Kato
Deputy Clerk

INSTRUCTIONS TO BIDDERS/PROPOSERS

Qualified firms are invited to submit a bid/proposal to the **CITY OF BROOKSVILLE FIRE STATION REROOF REBID RE-BID NO. FR2015-11**, by replying to the enclosed specification. In order for the bid/proposal to be considered, you must fill in completely all items in this specification.

All bids/proposals must include one **(1) original** and three **(3) copies** and be addressed to:

CITY OF BROOKSVILLE
ATTN: CITY CLERK
201 HOWELL AVENUE
BROOKSVILLE, FL 34601

Bids/Proposals must be received at the address listed above no later than **3:00 p.m. on Friday, August 21, 2015**, Late bids/proposals will not be accepted, regardless of the reason.

Proposal envelopes must be **sealed and marked** with the RFP number, due date, and name of bidder/proposer so as to identify the enclosed submittal. If more than one package is submitted, please mark "1 of 2", "2 of 2", etc.

INTERPRETATION OF SPECIFICATION

All questions pertaining to the terms and conditions of the scope of work of this bid/proposal must be submitted **in writing** via email or fax to the City Clerk as shown below:

Janet Kato, Deputy City Clerk
City of Brooksville
201 Howell Avenue
Brooksville, FL 34601
jkato@cityofbrooksville.us
Fax: (352) 544-5424

No oral interpretations will be made to any firm as to the meaning of specifications or any other contract documents. In accordance with Florida Statutes 287.057(23), "Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response." Questions must be submitted **in writing to the City Clerk** or as referenced above.

All questions must be received at least seven (7) calendar days prior to the scheduled opening of bids/proposals. Any interpretation of the bid/proposal terms, conditions, and/or specification, if made, will be only by Addendum issued by the City Clerk. A copy of such Addendum will be posted to the City's website at www.cityofbrooksville.us **IT IS THE RESPONSIBILITY OF THE BIDDER/PROPOSER TO CHECK THE CITY'S WEBSITE FOR ANY ADDENDUM PRIOR TO SUBMITTING A BID/PROPOSAL.** No verbal instructions or interpretations of drawings and specifications will be made other than indicated above.

The City reserves the right to reject any or all proposals, to waive informalities in the bids/proposals and to re-advertise for bids/proposals. The City also reserves the right to separately accept or reject any item or items of a bid/proposal and to award and/or negotiate a contract in the best interest of the City.

TABLE OF CONTENTS



CITY OF BROOKSVILLE FIRE STATION REROOF REBID BID NO. FR2015-11

	<u>Total Pages Per Section</u>
SPECIAL INSTRUCTIONS AND CONDITIONS	3
GENERAL INSTRUCTIONS AND CONDITIONS	8
MINIMUM TECHNICAL SPECIFICATIONS.....	3
AGREEMENT FOR CONTRACTOR SERVICES	9
BID/PROPOSAL CHECKLIST	1
BID CERTIFICATION FORM	2
PUBLIC ENTITY CRIMES STATEMENT.....	2
DRUG-FREE WORKPLACE CERTIFICATION	1
SITE PLANS	6

CITY OF BROOKSVILLE SPECIAL INSTRUCTIONS AND CONDITIONS

CITY OF BROOKSVILLE FIRE STATION REROOF REBID BID NO. FR2015-11

* Note: The GENERAL INSTRUCTIONS AND CONDITIONS (attached hereto) apply, except as set forth below, for this Bid.

A. Description: () See Attached (X) As Follows

This bid is for the procurement of materials, labor and equipment to have a complete removal of an existing roof composed of 2 ply felt and mod bit cap over 6-7 inches of light weight concrete over light gage steel deck. Install a new built up sloped roof to have a 60 mil TPO membrane. See John Mansville Specs for Roof Covering system. Approximately 6,100 square feet of roof is involved. A twenty (20) year warranty through John Mansville with a two (2) year contractor warranty is required. The work will be done approximately twenty (20) feet above ground. Interior drop ceilings will need removal to access existing drains for roof tear off in the administrative area of building and replace ceiling tiles with new. Protection of interior area, equipment, furniture will need to be provided. Portions of the building may need to be accessible during construction to secure emergency vehicles. A General Contractor License is required. The contractor is responsible for permitting and any fees associated with this. The location of the work is at Fire Station #1, 85 Veterans Avenue, Brooksville, Florida 34601.

B. Specifications: (X) See Attached () As follows:

See attached Minimum Technical Specifications

C. Contract/Agreement Required: () None (X) As follows:

Sample agreement included in bid packet to be executed after Council approval and before work begins on the project following receipt of Payment and Performance Bonds.

D. Items to be submitted with Bid: () None (X) As follows:

Bid/Certification Form(s) with signature page(s)

Public Entity Crimes Statement

State of Florida Contractor License Copy

Drug Free Workplace Certification
Agreement for Contractor Service

One (1) original with three (3) copies of the BID submittal

List of Subcontractors

List of three (3) references for similar type work with contact information

E. Deadline and place for submission of Bids:

3:00 p.m., FRIDAY, AUGUST 21, 2015

City Hall

201 Howell Avenue

Brooksville, FL 34601

F. Change in time and place for opening of Bids: (X) None () As follows:

G. Insurance Requirements: () None (X) As follows:

Minimum Coverage

Property Damage:	\$ <u>500,000</u>
General Liability	\$ <u>1,000,000/2,000,000</u>
Automobile Liability	\$ <u>1,000,000/2,000,000</u>
<u>Workman's Compensation</u>	\$ <u>Statutory Limit*</u>

* or provide notarized affidavit of exemption listing relevant statutes.

Note: Insurance Certificate must be provided by Successful Bidder upon execution of Agreement. City is to be listed on the bidder's/proposer's Certificate of Insurance as additionally insured and certificate holder in order for the City to be notified if the insurance is canceled or modified.

H. Bond Requirements: () None (X) As follows:

Amount of Bond

Bid Bond	\$ _____ or <u>5</u> % of Bid
Performance Bond	\$ _____ or <u>100</u> % of Bid
Payment Bond	\$ _____ or <u>100</u> % of Bid
Construction Bond	\$ _____ or <u>N/A</u> % of Bid
Other: _____	\$ _____ or <u>N/A</u> % of Bid

I. Number of Copies of Bid Forms with original signature(s) Required:

One (1) original, with notarized Signatures, plus three (3) copies

J. Delivery Location of Item After Award:

The location of the work is at Fire Station #1, 85 Veterans Avenue, Brooksville, FL 34601

K. Optional Additive Alternate Bids are Encouraged:

To have an Optional Additive Alternate Bid considered, Bidder must submit a complete bid for the base bid. Optional Additive Alternate Bid must be submitted in a separate envelope at same time base bid is submitted.

NOTICE: Bids/Proposals may be rejected if all documents are not complete and executed, and the number of copies specified/requested of each are not submitted with the bid.

GENERAL INSTRUCTIONS AND CONDITIONS

(1) NOTICE TO BIDDERS/PROPOSERS

The following general instructions and conditions apply to all Requests for Bids/Proposals unless modified by the provisions set forth in the “**Special Instructions and Conditions**” attached hereto. If there is a conflict between the “Special Instructions and Conditions” and these “General Instructions and Conditions,” the provisions in the Special Instructions and Conditions will apply. **Note: the General Instructions and Conditions and the Special Instructions and Conditions are periodically revised; potential bidders/proposers should read both carefully prior to submitting a bid/proposal. The attached Special Instructions and Conditions apply only to this bid/proposal.**

(2) SUBMITTAL OF BIDS/PROPOSALS

Qualified businesses or individuals requesting consideration must submit a complete bid/proposal with any/all attachments in a sealed package clearly marked with the **name** and **number of the bid/proposal**, to the attention of the City Clerk, prior to closing time at the address shown in the **Special Instructions and Conditions** attached hereto. If not so marked as to this wording, sealed and/or received by the closing time, the bid/proposal will not be accepted. Bid/proposal packages, additional information regarding this bid/proposal, or the bidding procedures may be obtained by contacting the City Clerk, 201 Howell Avenue, Brooksville, FL 34601, (352) 540-3853.

It shall be the sole responsibility of the bidders/proposers to have their bid/proposal delivered on or before the closing time and date stated in the **Special Instructions and Conditions**. Any bids/proposals received after the stated time and/or due to delays caused by mail or courier delivery, or any other reason, shall not be opened or otherwise considered, and will be returned at the bidder's/proposer's expense.

Bids/proposals shall be opened and publicly announced at the City Council Chambers, City Hall, 201 Howell Avenue, after closing of bids/proposals, unless otherwise specified in the Special Instructions and Conditions.

(3) SPECIFICATIONS AND REQUIREMENTS

The detailed specifications and additional requirements relating to this bid/proposal are set forth in the Special Instructions and Conditions attached hereto.

SILENCE OF SPECIFICATIONS: The apparent silence of any specification as to any details or any omission of a detailed description concerning any point shall be regarded as meaning that only the best construction practices are to prevail and that only new materials of first quality and correct type, size and design are to be used. All workmanship is to be first quality. All interpretations of specifications shall be made accordingly by the City.

(4) BID/PROPOSAL FORM

Bidders/proposers shall complete, sign and furnish the “Bid Certification Form”, together with the forms, specifications and materials required in the “Special Instructions and Conditions” or any exhibits attached hereto. This will include a properly executed Drug-Free Workplace Certification, and a Sworn Statement on Public Entity Crimes Form, pursuant to Section 287.133(3)(a), Florida Statutes. The minimum number of complete bid/proposal packages to be submitted is set forth in the Special Instructions and Conditions.

If the “Special Instructions and Conditions” include a “Scope of Work” provision, and/or provide for a supplemental and or implementing agreement, the City reserves the right to modify the "Scope of Services." Further, the terms and conditions of any such agreement shall be modified prior to execution by the City, if such modifications are determined to be in the best interest of the City.

CITY OF BROOKSVILLE SPECIAL INSTRUCTIONS AND CONDITIONS

CITY OF BROOKSVILLE FIRE STATION REROOF REBID BID NO. FR2015-11

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Bid/Certification Form(s) with signature page(s)

Public Entity Crimes Statement

State of Florida Contractor License Copy

Drug Free Workplace Certification
Agreement for Contractor Service

Bids/proposals may be considered non-responsive, at the sole option of the City, and may be rejected if they include omissions, alterations of form, additions not called for, conditions or limitations, unauthorized alternate bids/proposals, submission of less than the number of bid packages requested, or other irregularities of any kind.

Unless otherwise stated, the price(s) set forth in the bid/proposal include(s) all costs and expenses for labor, equipment, materials, commissions, transportation charges and expenses, handling material inspection, and patent fees and royalties, together with any and all other costs and expenses for providing the service, equipment, materials or performing and completing the work as shown according to the plans and specifications herein.

If quotations are requested for the various items of work, they are intended to establish a total price for providing the materials, equipment, services, or completing the work in its entirety. If the bidder/proposer determines that the cost for any item of work has not been established by the Proposal Form, the cost for that work is to be included in other applicable bid/proposal item(s), so that the bid/proposal reflects the total price for completing that work in its entirety.

In the event of a discrepancy between a unit bid price and an extension, the unit bid price will govern. Written prices shall govern over figures.

(5) CLARIFICATION AND ADDENDA

Each bidder/proposer shall examine all bid/proposal documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries, suggestions or requests concerning the interpretation, clarification or additional information pertaining to this Invitation to Bid/Request for bid/proposal will be accepted by the City Clerk up to and including five (5) working days prior to the closing date and time stated herein. The issuance of a written addendum signed by the City Clerk is the only official method whereby interpretation, clarification or additional information can be given. The City shall not be responsible for oral interpretations given by any City employee, representative or others. If any addenda are issued, the City will attempt to notify all known prospective bidders/proposers. However, it shall be the responsibility of each bidder/proposer, prior to submitting a bid/proposal, to contact the City Clerk's Office to determine if addenda were issued, and to make such addenda a part of the bid/proposal. If an addendum has been issued, and was not incorporated in the Bid/Proposal documents submitted by bidder/proposer, the bid/proposal may not be accepted or considered by the City.

(6) MANUFACTURER'S NAMES AND APPROVED EQUIVALENTS

Unless otherwise specifically stated in the Special Instructions and Conditions, any manufacturer's names, trade names, brand names, catalog numbers, or similar information listed in a specification, are for the purpose of information and illustration, and are not intended to restrict the submission of alternates meeting minimum specifications. The bidder/proposer may offer the same or any alternate for which the bidder/proposer is an authorized representative, which meets or exceeds the specifications for any item. If a manufacturer's name or model is included in the specification, and a bid/proposal is based on alternate products or services which bidder/proposer maintains is equivalent and meets or exceeds specifications, bidder/proposer is to indicate on the Bid/Proposal Form the manufacturer's name and related information of the alternate; including any deviation from the specifications. Unless expressly noted on the bid/proposal that an alternate is being proposed, and the specification includes a specific manufacturer's model or brand, the Bid/Proposal will be considered as a quotation for the item(s) stated in the specifications.

(7) INFORMATION AND DESCRIPTIVE LITERATURE

Bidders/proposers must furnish all information requested in the bid/proposal packet including but not limited to any sketches, plans, designs, specification, and descriptive literature regarding the product(s)/service(s) being offered. Bids/proposals which do not comply with these requirements are

subject to rejection. Reference to submission of documentation or materials with a previous bid/proposal will not satisfy this provision.

(8) BONDS/INSURANCE

If the bid/proposal is accepted by the City, it will become a binding contract on both parties. If a bond or cashiers/certified check is required as a bond, it shall be submitted with the bid/proposal. If the undersigned shall fail to deliver or perform, or if applicable, execute a contract if provided for herein, then the City may, at its option, determine that the undersigned has abandoned the award/contract, and thereupon such acceptance of the bid/proposal and/or award shall be null and void, and any cashiers/certified check or bond accompanying this bid/proposal shall be forfeited to and become the property of the City. The full amount of said check, or if a bond, the full amount of such bond, shall be paid to the City as partial liquidated damages; otherwise, any bond or cashiers/certified check accompanying this bid/proposal shall be returned to the undersigned within 30 calendar days from the date of award, or if provisions for a Notice to Proceed are included, from the date of the Notice to Proceed.

If a bid or proposal bond is required, the bonds of unsuccessful bidders/proposers will be returned within 30 calendar days of the bid/proposal due date, except as set forth below.

If a proposal is subject to the Competitive Negotiations Act, the bonds will be returned within 60 days of the proposal due date, except for the bond of the 3 highest ranked proposers. Within 30 days of execution of a contract, bonds from the remaining unsuccessful proposers will be returned.

Bid bond, if required, will be returned within 30 calendar days of delivery/acceptance of the item(s) bid or service(s) provided, unless a standard payment and performance bond is required. When a standard Payment and Performance Bond is required, the bid bond of the successful bidder/proposer will be returned within 30 calendar days from the date of the Notice to Proceed.

In the event a bid is awarded, a proposal is accepted, and/or a contract is executed, and the bidder/proposer chooses not to proceed, or fails to perform for any reason, the bond will be forfeited and retained by the City as partial liquidated damages. Future bids/proposals will not be accepted for consideration from the bidder/proposer for five (5) years, or such shorter period as the City Council may determine.

In the event an award/selection is not made within 90 days after the bid/proposal due date and the City does not return all bonds, upon 30 business days written request, a bidders/proposer may withdraw their bid or proposal from consideration, and obtain a refund of the bid/proposal bond.

All Awards will be subject to presentation of any required performance bond or certificate of insurance prior to any purchase authorizations, agreements, contract documents, or delivery. The bidder/proposer shall maintain any performance bonds or insurance coverage set forth in the Special Instructions and Conditions, at its own expense. If insurance is required, the City is to be listed on the bidder's/proposer's Certificate of Insurance as an additional insured and certificate holder in order that the City will be notified if the insurance is canceled or modified. The certificate shall also list the name of the project/service/equipment purchased, and the expiration date of the policy. At the City's option, an award may be canceled and any bid bond forfeited if any required performance bond or insurance certificate is not delivered within 21 calendar days of the date of award.

Note: the provisions of this section are in addition to and not a replacement for, any bid/proposal and/or performance bond required in the Special Instructions and Conditions. The foregoing provisions are intended to be in addition to any other legal remedy available to the City for non-performance by a bidder/proposer subsequent to the acceptance and/or award of a bid or proposal.

(9) SERVICE AND WARRANTY

If any warranty repair or replacement service is requested in the Special Instructions and Conditions, any deviation or limitation from the requirements is to be expressly stated on the Bid Request for Proposal Certification Form.

If the service or product provided to the City pursuant to the bid consists of computer hardware, software or firmware, the bidder/proposer warrants that said product will accurately process/or reflect data from, into and between the twentieth and twenty-first centuries, including leap-year calculations.

(10) CONTRACT FORMS

Any agreement or contract resulting from the acceptance of a bid/proposal shall be on forms either supplied by or approved by the City, and shall contain, as a minimum, applicable provisions of the Invitation to Bid/Request for Proposal, and the bid/proposal documents to be submitted by bidder/proposer, including the Special Instructions and Conditions, General Instructions and Conditions, and all attachments therewith. The City reserves the right to reject any bid/proposal or resulting agreement which does not conform to the Invitation to Bid/Proposal and, if applicable, any City requirement relating to such an Agreement.

The City reserves the right to extend any contract or agreement for an additional period of not more than ninety (90) days beyond the original expiration date. Prices in effect on the last day of the contract shall remain in effect for the contract extension period. Additional extensions shall be subject to agreement of both parties.

The successful bidder/proposer will be required to execute any resulting agreement and provide any bonds or insurance certificates required within 10 days of contract execution. Failure to timely execute the necessary bond or insurance certificate will result in cancellation of an award, with no further obligation by the City.

This bid/proposal is subject to the appropriation of funds in an amount sufficient to allow continuation of the City's performance in accordance with the terms and conditions of this bid/proposal for each and every fiscal year in which this bid/proposal is executed and entered into. If funds are not appropriated/available, the City shall provide prompt written notice to the selected bidder/proposer that effective thirty (30) days after giving such notice, or upon the expiration of the time for which funds were appropriated, whichever occurs first, the City will thereafter be released of all further obligations related to the bid/proposal and/or award.

(11) BID/PROPOSAL EXPENSES

All expenses for preparing and submitting bids/proposals to the City are to be borne by the bidder/proposer.

(12) VARIANCES

Any variance whatsoever from the bid/proposal specifications are to be clearly identified on the bid/proposal form. Acceptance of any proposed variations will be at the sole discretion of the City.

(13) CONFLICT OF INTEREST

The award of a bid or acceptance of proposal is subject to Chapter 112, Florida Statutes. All bidders/proposers must disclose with their bid/proposal the name of any officer, director, or agent who is a City official or employee, or a member of an official's or employee's immediate family. Further, bidders/proposers must disclose the name of any City official or employee, or a member of an official's or employee's immediate family, who owns directly or indirectly an interest of ten percent (10%) or more in the bidder's/proposer's firm or related business.

(14) DELIVERY

All items provided pursuant to an award are to be delivered prepaid to the City Clerk's Office, 201 Howell Avenue, Brooksville, Florida 34601-2041, unless a different location is specified in the Special Instructions and Conditions. All delivery charges are to be included in the bid/proposal price. No C.O.D. will be accepted. Title and risk of loss or damage to all items shall be the responsibility of the bidder/proposer until delivered to the City.

(15) INSPECTION, ACCEPTANCE AND TITLE

All items delivered pursuant to an award are subject to inspection and review prior to acceptance by the City. Acceptance, evidenced by separately written Notice of Acceptance or full payment, will be made only after verification of compliance with all specifications. Acknowledgment of delivery and/or partial payment does not constitute acceptance.

(16) OWNERSHIP RIGHTS AND PUBLIC RECORDS LAW

Public Records Law. Bidder/Proposer acknowledges that they are familiar with the provisions of the Public Records Law of the State of Florida.

Bidder/Proposer agrees to comply with Chapter 119, Florida Statutes, and specifically per Florida Statute 119.0701, Bidder/Proposer agrees to keep and maintain public records that would be required by the City of Brooksville in order to perform the services provided for in this agreement; Bidder/Proposer agrees to provide public access to any required public records in the same manner as a public agency; Bidder/Proposer agrees to protect exempt or confidential records from disclosure; Bidder/Proposer agrees to meet public records retention requirement; and Bidder/Proposer agrees that at the end of the term of this agreement, to transfer all public records to the City of Brooksville and destroy any duplicate exempt or confidential public records.

All products generated by the Bidder/Proposer for the City become the property of the City. The City may require submission of any electronic file version of reports, data, maps or other submission of documentation produced for or as a result of this bid/proposal in addition to paper documents.

Further, in accordance with the Public Records Laws of the State of Florida, Section 119.0701, (2013), Contractor must:

- A. Keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the service.
- B. Provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
- C. Ensure that public records that are exempt or confidential and exempt from public records are not disclosed except as authorized by law.
- D. Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public record disclosure requirements. All records stored electronically must be provided to the public agency in a format that is compatible with the information technology systems of the public agency.
- E. If a contractor does not comply with a public records request, the public agency shall enforce the contract provision in accordance with the contract.

(17) RESERVED RIGHTS

The City reserves the right to reject any and all bids/proposal, with or without statement of cause, request resubmissions, or to waive any irregularities or technicality or negotiate modifications to any bid/proposal which may be in the best interest of the City.

Bidders/proposers which do not normally engage in providing the types of commodities/services specified herein may be required to demonstrate they have sufficient financial support, equipment, and organization to ensure they can satisfactorily perform if awarded a bid/contract under the terms and conditions herein stated.

The City reserves the right to make such investigations as it deems necessary to determine the ability of any bidder/proposer to perform the work or service requested. Any information the City deems necessary to make such determinations shall be provided by the bidder/proposer upon request as a condition of further consideration of the bid/proposal. The applicability of all information obtained and the City's decision shall be final. By submitting a bid or proposal, bidder/proposer authorizes such investigation.

If the contract awarded as a result of this bid is terminated prior to the end of the term, the City reserves the right to award the balance of the contract to the next lowest responsive and responsible bidder.

(18) ADVERTISING

In submitting a bid/proposal, bidder/proposer agrees not to use the results therefrom as a part of any commercial advertising or marketing purposes without written approval of the City Manager.

(19) GOVERNMENTAL RESTRICTIONS/REQUIREMENTS

In the event any governmental restrictions are imposed which would necessitate alteration of the material, quality, workmanship or performance of the items offered in a bid/proposal, it shall be the responsibility of the successful bidder/proposer to immediately notify the City of the specific regulation which required an alteration, and the specific alterations that will be made to the item(s) bid/proposed. The City reserves the right to accept any such alteration/substitution, including any price adjustments resulting therefrom, or to cancel the award at no expense to the City.

(20) NON-DISCRIMINATION

There shall be no discrimination as to race, sex, color, creed, handicap, or national origin in the selection, award, or operations conducted, or performance related to any bid or proposal.

(21) UNAUTHORIZED EMPLOYEES OR AGENTS

Employment of unauthorized aliens by bidder/proposer is considered a violation of Section 274A(e) of the Immigration and Nationality Act. If selected bidder/proposer knowingly employs unauthorized aliens, such action shall be cause for unilateral cancellation of this agreement and the City may recover damages from selected bidder/proposer resulting from such cancellation. The selected bidder/proposer shall be responsible for including this provision in any context with, and requiring compliance by any/all subcontracts performing for selected bidder/proposer relating to this agreement.

(22) OTHER GOVERNMENTAL ENTITIES - OPTIONAL APPLICATION

In the State of Florida, other Florida public entities may "piggy-back" on competitive bid/proposal awards under the same terms and conditions, if all parties are in agreement.

(23) LEGAL NAME

Bids/proposals shall clearly indicate the legal name and organizational structure, business address, telephone number, and email address of the bidder/proposer. Bids/proposals shall be signed above the typed or printed name and title of the individual submitting the bid/proposal. The signer shall warrant he/she has the authority to bind the bidder/proposer to the terms and conditions of the submitted bid/proposal.

(24) WAGES

State and Federal minimum wages and hours regulation apply to bidder/proposer and all subcontractors.

(25) SELECTION

The procedures for the selection/award of bids/proposals are provided for by Florida Statutes and the City's Charter, Code of Ordinances, and Administrative Policies. Generally, all bids/proposals are reviewed by City staff and evaluated by the City Manager, and if required by law, by a Selection Advisory Committee appointed by the City Manager. The type and price of the product(s) or service(s) being acquired determines if an award or selection may be made by the City Manager or requires City Council approval. For information on which procedure applies to a particular bid/proposal contact the City Clerk.

Bids/proposals will be evaluated based on, but not limited to, one or more of the following criteria as appropriate:

- compliance with specifications,
- price (if applicable),
- capability/adequacy of bidder/proposer,
- past and current projects, services or equipment provided to City,
- delivery schedule,
- prior government projects, services or equipment provided to other jurisdictions,
- general reputation, location and references.

Separate procedures and requirements relating to Requests for Bids/Proposals/Qualifications apply for certain grant programs and for professional services, for example the Consultants' Competitive Negotiation Act (Florida Statute 287.055), and by the City's Code. When the City initiates such a Request for Proposals/Qualifications, the selection process and related procedures are included in the Special Instructions and Conditions.

Pursuant to Chapter 287.087 Florida Statutes, in the event two (2) or more bids are equal with respect to price, quantity, and services, preference will be given to bidders/proposers which have implemented Drug-Free Workplace Programs.

Further, per 287.087(11) "If two equal responses to a solicitation or a request for quote are received and one response is from a certified minority business enterprise, the agency shall enter into a contract with the certified minority business enterprise." In addition, at the sole discretion of the City, payment terms, conditions, and other consequential information may be utilized in resolving apparent tie bids/proposals.

NOTE: For consideration, bidder/proposer must return the Bid Certification Form included in the bid/proposal package.

(26) INDEMNIFY

After notification of award, the successful bidder/proposer shall indemnify and save harmless the City and its officials, officers, employees, agents and invites, from and against all claims, suits, sections, damages or causes of action arising from any personal injury, loss of life or damage to property, sustained by reason of, or as a result of constructing, manufacturing, processing, delivery, or performance of the services or work

for which the bid/proposal was awarded or any resulting agreement executed, and from and against any orders, judgments, or decrees which may be entered thereto, and from and against all costs, attorney's fees, expenses, and liabilities incurred in or by reason of the defense of any such claim, suit or action, and the investigation thereof. Nothing in any resulting agreement shall be deemed to affect the rights, privileges and immunities of the City of Brooksville.

The selected bidder/proposer, without exception, shall also indemnify and save harmless the City and its officials, employees, agents and invites from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented or unpatented invention, process or article manufactured or used in the performance of the contract, including its use by the City. If the selected bidder/proposer uses any design, device or materials covered by patent or copyright, it is mutually agreed and understood that the bid/proposal prices include all royalties or costs arising from the use in any way of such design, device or materials involved in the product and/or services provided to the City.

(27) MODIFICATION - AFTER AWARD

Any changes proposed by a bidder/proposer after an award in (a) materials used, (b) manufacturing process, (c) construction or (d) specifications, are to be submitted in writing to the City Manager prior to delivery. No changes shall be approved and binding upon the City unless evidenced by a Change Order issued and signed by the City Manager.

(28) ASSIGNMENT

Any purchase order issued pursuant to this bid invitation/request for proposal and the funds which may become due hereunder, are not assignable, except with the prior written approval of the City Manager.

(29) DISCLOSURE

Bidder/proposer acknowledges by submitting a bid/proposal that all information provided to the City is part of the public domain as defined by Florida Statutes and is considered a public record. No information should be labeled "confidential," unless specifically exempted under said Statutes, and exempts the City from any liability for releasing all information to the public, including inadvertently releasing information deemed confidential by the bidder/proposer.

(30) TAXES

The City is a tax-exempt Florida municipality, Federal Employment Identification Number 59-6000-284, Florida State Tax Number 37-02-008131-54C. Copies of Exemption Certificate and related information may be obtained by contacting the Finance Director, 201 Howell Avenue, Brooksville, Florida 34601-2041 or (352) 540-3810.

(31) APPLICABLE LAWS/LEGAL VENUE

All applicable laws, regulations and ordinances of the State of Florida, Hernando County and the City of Brooksville will apply to consideration and award of any bid/proposal and the performance of the bidder/proposer pursuant thereto, and shall be governed by the laws of the State of Florida both as to intention and performance. The venue for any action arising from the award or subsequent performance shall lie exclusively in the Circuit Court of Hernando County, Florida, or the United States District Court for the Middle District of Florida, as applicable.

NOTE: ANY AND ALL PROVISIONS SET FORTH IN THE SPECIAL INSTRUCTIONS AND CONDITIONS ATTACHED HERETO, WHICH VARY FROM THESE GENERAL INSTRUCTIONS AND CONDITIONS, SHALL HAVE PRECEDENCE.

**CITY OF BROOKSVILLE
FIRE STATION REROOF REBID
BID NO. FR2015-11**

MINIMUM TECHNICAL SPECIFICATIONS

PROJECT COORDINATION

- 1.1 The CONTRACTOR shall provide for the complete coordination of the construction effort. This shall include but not be limited to the following:
1. The flow of material and equipment from suppliers.
 2. The interrelated work with the CITY where tie-ins to existing facilities are required.
 3. The effort of independent testing agencies.

QUALITY CONTROL

TESTING LABORATORY SERVICES

- 2.1 All materials and equipment used in the construction of the Project shall be subject to adequate inspection and testing in accordance with generally accepted standards, as required and defined in the Contract Documents.
- 2.2 The CITY shall provide all inspection and testing services not required by the Contract Documents.
- 2.3 The Contractor shall provide, at the Contractor's expense, the testing and inspection services required by the Contract Documents.
- 2.4 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any Work to specifically be inspected, tested, or approved, the Contractor will give the Park/Facilities Director timely notice of readiness for these inspections and/or tests and of the time and date of any such inspection, testing and/or sampling required. The Contractor will then furnish the Park/Facilities Director the required certificates of inspection, testing or approval.

TEMPORARY FACILITIES AND CONTROL

Temporary Sanitary Facilities

- 3.1 The CONTRACTOR shall provide adequate facilities for the use of those employed on the work. Such facilities shall be made available when the first employees arrive on the site of the work, shall be properly secluded from public observation, and shall be constructed and maintained during the progress of the work in suitable numbers and at such points and in such manner as may be required or approved.

The CONTRACTOR shall maintain the sanitary facilities in a satisfactory and sanitary condition at all times and shall enforce their use. He shall rigorously prohibit the committing of nuisances on the site of the work, on the lands of the CITY or on adjacent property.

Noise Control

- 3.2 The CONTRACTOR shall provide adequate protection against objectionable noise levels caused by the operations of construction equipment, and must be aware that the project facility and adjoining facilities are Public Safety Responders.

Dust Control

- 3.3 The CONTRACTOR shall provide for adequate protection against raising objectionable dust clouds caused by moving construction equipment, high winds or any other cause, and must be aware that the project facility and adjoining facilities are Public Safety Responders.

Asphalt/Concrete

- 3.4 The CONTRACTOR shall protect driveways, parking lots, slabs and walkways from breakage, stains, holes, gouges or other damage. Any and all damage or staining shall be repaired and corrected by the CONTRACTOR.

CLEANUP

- 4.1 The CONTRACTOR shall provide trash bins for duration of project.
- 4.2 The CONTRACTOR shall insure all debris, sharp objects and materials are clear of driveways, parking lots and right of ways. This worksite is situated on an Emergency Response Facility.

CONTRACT CLOSEOUT

Cleanup

- 5.1 At the conclusion of the project the CONTRACTOR shall insure that all debris and other unsightly objects are removed and disposed of in a satisfactory manner. The CONTRACTOR will restore to their original condition, as nearly as practicable, those portions of the site not designated for alteration.

Project Record Documents

- 5.2 The CONTRACTOR shall keep one record copy of all specifications, plans, addenda, modifications, shop drawings and samples at the site, in good order and annotated to show all changes made during the construction process. These shall be available to the ENGINEER for examination and shall be delivered to the ENGINEER for examination and shall be delivered to the ENGINEER upon completion of the work.

REFERENCE TO STANDARDS

General

- 6.1 Whenever reference is made to the furnishing of materials or testing thereof to conform to the standards of any technical society, organization or body, it shall mean the latest standard, code, specification or tentative specification adopted and published on or before the date of advertisement for bids for this project.

ROOF

General

- 7.1 All materials, methods and practices are to conform to the City of Brooksville Building Department requirements and the Florida Building Code 2010 requirements with amendments. .
- 7.2 The intent of these documents is to procure a Class A roofing system.
- 7.3 Roof deck is to be dry and swept clean of all debris prior to the installation of the tapered insulation board.
- 7.4 Metal deck shall be 1 ½” 22 GA. Type B galvanized panels.
- 7.5 Roof deck is to be dry and swept clean of all debris prior to installation of the tapered foam system.
- 7.6 Handling and installation of the tapered foam (ISO) system shall be conducted in a manor to preserve the shape, integrity and design of the system. The tapered system shall be kept dry and damage prevented through the completion of the project.
- 7.7 Thermoplastic Polyolefin (TPO) membrane shall be 60 mil, exposed face color: white ASTM D 6878.

**AGREEMENT FOR CONTRACTOR SERVICES
FIRE STATION REROOF REBID
BID NO.: FR2015-11**

This Agreement made as of this ____ day of _____, 2015, by and between the **City of Brooksville**, Florida - (the "CITY"), and _____, authorized to do business in the State of Florida (the "CONTRACTOR"), and whose address is _____, Phone: _____ Fax: _____.

In consideration of the mutual promises contained herein, the CITY and the CONTRACTOR agree as follows:

ARTICLE 1 - SERVICES

The CONTRACTOR'S responsibility under this Agreement is to furnish, deliver, and construct all materials, labor, and equipment and to perform all operations in accordance with the plans and specifications and as listed in the Bid Form for the **FIRE STATION REROOF REBID BID NO. FR2015-11**.

Services of the CONTRACTOR shall be under the general direction of the CITY MANAGER, who may designate a person to act as the CITY'S representative (hereinafter "REPRESENTATIVE") during the performance of this Agreement.

ARTICLE 2 - SCHEDULE

This contractor shall commence services on _____, 20__ and complete all services by _____, 20__, unless extended by the CITY by issuance of a change order.

ARTICLE 3 - PAYMENTS TO CONTRACTOR

- A. The CITY shall pay to the CONTRACTOR for services satisfactorily performed \$_____, which includes all direct charges, indirect charges and reimbursable expenses, if any. The CONTRACTOR will bill the CITY monthly.
- B. The invoices received from the CONTRACTOR pursuant to this Agreement will be reviewed and approved by the Department of Public Works, indicating that services have been rendered in conformity with the Agreement, and then will be sent to the Finance Department for payment. The invoice must specify the work performed. Ten percent (10%) of each invoiced amount will be withheld and retained by the CITY until completion of the work to the satisfaction of the CITY.
- C. In order for both parties herein to close their books and records, the CONTRACTOR will clearly state "final invoice" on the CONTRACTOR'S final/last billing to the CITY. This indicates that all services have been performed and all charges and costs have been invoiced to the CITY. Since this account will thereupon be closed, any and other further charges if not properly included on this final invoice shall be waived by the CONTRACTOR.
- D. CONTRACTOR acknowledges that it has reviewed the scope of work and inspected the work site and does not anticipate having any CONTRACTOR requested change orders.

ARTICLE 4 - TERMINATION

This Agreement may be terminated by the CONTRACTOR on 30 days prior written notice to the CITY in the event of substantial failure by the CITY to perform in accordance with the terms hereof through no fault of the CONTRACTOR. It may also be terminated by the CITY, with or without cause, immediately upon written notice to the CONTRACTOR. Unless the CONTRACTOR is in breach of this Agreement, the CONTRACTOR shall be paid for services rendered to the CITY'S satisfaction through the date of termination. After receipt of a termination notice and except as otherwise directed by the CITY the CONTRACTOR shall:

- A. Stop work on the date and to the extent specified.
- B. Terminate and settle all orders and subcontracts relating to the performance of the terminated work.
- C. Transfer all work in process, completed work, and other material related to the terminated work to the CITY.
- D. Continue and complete all parts of the work that have not been terminated.

ARTICLE 5 - PERSONNEL

The CONTRACTOR represents that it has or will secure at its own expense all necessary personnel required to perform the services under this Agreement. Such personnel shall not be employees of or have any contractual relationship with the CITY.

All of the services required herein under shall be performed by the CONTRACTOR or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under State and local law to perform such services.

The CONTRACTOR warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

ARTICLE 6 - SUBCONTRACTING

The CITY reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this Agreement. The CONTRACTOR is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities.

If a subcontractor fails to perform or make progress, as required by this Agreement, and it is necessary to replace the subcontractor to complete the work in a timely fashion, the CONTRACTOR shall promptly do so, subject to acceptance of the new subcontractor by the CITY.

ARTICLE 7 - FEDERAL AND STATE TAX

The CONTRACTOR shall be responsible for payment of its own FICA and Social Security benefits with respect to this Agreement and the personnel it employs.

ARTICLE 8 – INSURANCE & BONDS

- A. The CONTRACTOR shall not commence work under this Agreement until it has obtained all insurance and bonds required under this paragraph and such insurance has been verified by the CITY.
- B. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida.

The CONTRACTOR shall maintain, during the life of this Agreement, comprehensive automobile liability insurance in the amount of \$1,000,000 and \$2,000,000 combined single limit for property damage and bodily injury liability covering claims which may arise from the ownership, use, or maintenance of owned and non-owned automobiles, including rented automobiles, whether such operations be by the CONTRACTOR or by anyone directly or indirectly employed by the CONTRACTOR. CONTRACTOR shall purchase and maintain a policy or policies of commercial general liability insurance satisfactory in all respects to CITY, and casualty and extended coverage insurance. All policies shall be occurrence form policies and shall name CITY as an additional insured, with the premium thereon fully paid by CONTRACTOR on or before their due date. The general liability insurance policy shall afford minimum protection of \$1,000,000 and \$2,000,000 combined single limit coverage for bodily injury.

Required insurance shall be documented in Certificates of Insurance which provide that CITY shall be notified at least 30 days in advance of cancellation, non-renewal or adverse change. New Certificates of Insurance are to be provided to CITY at least 15 days prior to coverage renewals. City of Brooksville, Florida is to be named as an additional insured entity.

If requested by CITY, CONTRACTOR shall furnish complete copies of its insurance policies, forms and endorsements.

For commercial general liability coverage, CONTRACTOR shall, at the option of CITY, provide an indication of the amount of claims, payments or reserves chargeable to the aggregate amount of liability coverage.

Receipt of certificates or other documentation of insurance or policies or copies of policies by CITY, or by any of its representatives, which indicate less coverage than required does not constitute a waiver of CONTRACTOR'S obligation to fulfill the insurance requirements herein.

CONTRACTOR shall also purchase and maintain workers compensation insurance for all obligations imposed by law, with employer's liability limits of at least the statutory limit, or provide notarized affidavit of exemption listing relevant statutes. CONTRACTOR shall also purchase any other coverages required by law.

CONTRACTOR'S maintenance of the insurance policies required hereunder shall not limit or otherwise affect its liability hereunder.

- C. In the event that a performance or payment bond is required due to use of grant funds for the project, by City Council or as otherwise required, the CONTRACTOR shall not commence work under this Agreement until it has obtained the required bonds and provided such bonds to the CITY.

ARTICLE 9 - EXCUSABLE DELAYS

The CONTRACTOR shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the CONTRACTOR'S control and without its fault or negligence. Such causes may include, but are not limited to: acts of God; the City's omissive and commissive failures; natural or public health emergencies; labor disputes; freight embargoes; and severe weather conditions. If failure to perform is caused by the failure of the CONTRACTOR'S subcontractor(s) and is without the fault or negligence of them, the CONTRACTOR shall not be deemed to be in default.

Upon the CONTRACTOR'S request, the CITY shall consider the facts and extent of any failure to perform the work and, if the CONTRACTOR'S failure to perform was without its fault or negligence as determined by the CITY, any affected provision of this Agreement shall be revised accordingly; subject to the CITY's rights to change, terminate, or stop any or all of the work at anytime.

ARTICLE 10 - LIQUIDATED DAMAGES

Liquidated damages shall be paid to the CITY at the rate of \$200 per day for all work awarded under the contract until the work has been satisfactorily completed as provided by the Contract Documents. Sundays and Legal Holidays shall be excluded in determining days in default.

It is agreed that the amount is the per-diem rate for damage incurred by reason of failure to complete the work. The said amount is hereby agreed upon as the reasonable costs which may be accrued by the CITY after the expiration of the time of completion. It is expressly understood and agreed that this amount is not to be considered in the nature of a penalty, but as liquidated damages which have accrued against the CONTRACTOR. The CITY shall have the right to deduct such damages from any amount due, or that may become due the CONTRACTOR, or the amount of such damages shall be due and collectable from the CONTRACTOR or Surety.

ARTICLE 11 - ARREARS

The CONTRACTOR shall not pledge the CITY'S credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien, or any form of indebtedness.

ARTICLE 12 - DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The CONTRACTOR shall deliver to the CITY for approval and acceptance, and before being eligible for final payment of any amount due, all documents and materials prepared by and for the CITY under this Agreement.

All written and oral information not in the public domain or not previously known, and all information and data obtained, developed, or supplied by the CITY or at its expense will be kept confidential by the CONTRACTOR and will not be disclosed to any other party, directly or indirectly, without the CITY'S prior written consent.

Such information and data shall be and will remain the CITY'S property and may be reproduced and reused at the discretion of the CITY.

All products generated by the CONTRACTOR for the CITY become the property of the CITY. The CITY may require submission of any electronic file version of reports, data, maps or other submission of documentation produced for or as a result of this project in addition to paper documents.

The CITY and the CONTRACTOR shall comply with the provisions of the Florida Public Records Law.

Public Records Law. CONTRACTOR acknowledges that it is familiar with the provisions of the Public Records Law of the State of Florida.

CONTRACTOR agrees to comply with Chapter 119, Florida Statutes, and specifically per Florida Statute 119.0701, CONTRACTOR agrees to keep and maintain public records that would be required by the City of Brooksville in order to perform the services provided for in this Agreement; CONTRACTOR agrees to provide public access to any required public records in the same manner as a public agency; CONTRACTOR agrees to protect exempt or confidential records from disclosure; CONTRACTOR agrees to meet public records retention requirement; and CONTRACTOR agrees that at the end of term of this Agreement, to transfer all public records to the City of Brooksville and destroy any duplicate exempt or confidential public records.

All products generated by the CONTRACTOR for the CITY become the property of the CITY. The CITY may require submission of any electronic file version of reports, data, maps or other submission of documentation produced for or as a result of this bid/proposal in addition to paper documents.

Further, in accordance with the Public Records Laws of the State of Florida, Section 119.0701, (2013), Contractor must:

- A. Keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the service.
- B. Provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
- C. Ensure that public records that are exempt or confidential and exempt from public records are not disclosed except as authorized by law.
- D. Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public record disclosure requirements. All records stored electronically must be provided to the public agency in a format that is compatible with the information technology systems of the public agency.
- E. If a contractor does not comply with a public records request, the public agency shall enforce the contract provision in accordance with the contract.

All covenants, agreements, representations and warranties made herein, or otherwise made in writing by any party pursuant hereto shall survive the execution and delivery of this Agreement and the consummation of the transactions contemplated hereby.

ARTICLE 13 - INDEPENDENT CONTRACTOR RELATIONSHIP

The CONTRACTOR is, and shall be, in the performance of all work services and activities under this Agreement, an independent contractor, and not an employee, agent, or servant of the CITY. All persons engaged in any of the work or services performed pursuant to this Agreement shall at all times, and in all places, be subject to the CONTRACTOR'S sole direction, supervision, and control. The CONTRACTOR shall exercise control over the means and manner in which it and its employees perform the work, and in all

respects the CONTRACTOR'S relationship and the relationship of its employees to the CITY shall be that of an independent contractor and not as employees or agents of the CITY.

The CONTRACTOR does not have the power or authority to bind the CITY in any promise, agreement or representation.

ARTICLE 14 - CONTRACT ASSIGNMENT

The CONTRACTOR shall not sublet, sell, transfer, assign or otherwise dispose of the CONTRACT or any portion thereof, or of his right, title, or interest therein, without written consent of the CITY. The CONTRACTOR shall complete the work contemplated by the terms and conditions of this Agreement in an amount equivalent to at least 50 percent (50%) of the dollar value of work to be performed under this Contract utilizing its own business or corporate entity, so that no single labor, material man, or subcontractor shall be permitted to perform more than 50% of the work contemplated by this Contract.

ARTICLE 15 - AMENDMENT

None of the provisions, terms and conditions contained in this Agreement may be added to, modified, superseded or otherwise altered, except by a written instrument executed by the parties hereto.

ARTICLE 16 - ENFORCEMENT COSTS

If any legal action or other proceeding is brought for the enforcement of this Agreement, or because of an alleged dispute, breach, default or misrepresentation in connection with any provision, the successful or prevailing party or parties shall be entitled to recover reasonable attorney's fees, court costs and all expenses even if not taxable as court costs (including, without limitation, all such fees, costs and expenses incident to appeals), incurred in that action or proceeding, in addition to any other relief to which such party or parties may be entitled.

ARTICLE 17 - AUTHORITY TO PRACTICE

The CONTRACTOR hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner.

ARTICLE 18 - SEVERABILITY

If any term or provision on this Agreement, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement, or the application of such terms or provisions to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Agreement shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 19 - CITY'S REPRESENTATIVE AND AUTHORITY

The person designated by the CITY MANAGER shall serve as the CITY'S REPRESENTATIVE and shall decide questions which may arise as to quality and acceptability of materials furnished and work performed, and shall interpret the intent of the Contract Documents with reasonable promptness.

The REPRESENTATIVE will not be responsible for the construction means, controls, techniques, sequences, procedures, or construction safety.

The REPRESENTATIVE may assign Project Inspector(s) who shall serve to assist the REPRESENTATIVE in determining if the work performed and the materials used meet the Contract requirements. The Project Inspector shall be authorized to issue Field Orders. The Project Inspector shall be authorized to stop all or any portion of the work if in his opinion the work is not proceeding according to the requirements of the plans and specifications.

ARTICLE 20 - MODIFICATION

The CITY reserves the right to make changes in the work, including alterations, reductions therein or additions thereto. Upon receipt by the CONTRACTOR of the CITY'S notification of a contemplated change, the CONTRACTOR shall (1) if requested by CITY, provide an estimate for the increase or decrease in cost due to the contemplated change, (2) notify the CITY of any estimated change in the completion date, and (3) advise the CITY in writing if the contemplated change shall affect the CONTRACTOR'S ability to meet the completion dates or schedules of this Agreement.

If the CITY so instructs in writing, the CONTRACTOR shall suspend work on that portion of the work affected by a contemplated change, pending the CITY'S decision to proceed with the change.

If the CITY elects to make the change, the CITY shall issue a contract amendment or change order and the CONTRACTOR shall not commence work on any such change until such written amendment or change order has been issued and signed by each of the parties.

ARTICLE 21 - CONTRACT DOCUMENTS

The other documents which comprise the entire Agreement are attached hereto, made a part hereof and consist of the following:

- A. Advertisement for Bids,
- B. Special Instructions and Conditions,
- C. General Instructions and Conditions,
- D. Minimum Technical Specifications,
- E. Bid Forms
Bid Certification Form
Drug-Free Workplace Certification
Public Entity Crimes Statement,
- G. Addendums (if any),
- H. Performance & Payments Bonds (if required),
- I. Change Orders (if any).

In the event of a conflict between the terms of the above documents and the terms of this Agreement, the terms of this Agreement shall prevail.

There are no contract documents other than those listed above and there are no promises or understandings other than those stated herein.

ARTICLE 22 - VENUE

All applicable laws, regulations and ordinances of the State of Florida, Hernando County and the City of Brooksville will apply to consideration and award of any bid/proposal and the performance of the bidder/proposal pursuant thereto, and shall be governed by the laws of the State of Florida both as to intention and performance. The venue for any action arising from the award or subsequent performance shall lie exclusively in the Circuit Court of Hernando County, Florida, or the United States District Court for the Middle District of Florida, as applicable.

ARTICLE 23 - NOTICE

All notices required in this Agreement shall be sent by certified mail, return receipt requested, and if sent to the CITY shall be mailed to:

City of Brooksville
201 Howell Avenue
Brooksville, Florida 34601
Attention: City Clerk
Phone: (352) 540-3853
Fax: (352) 544-5424
Email: jpeters@cityofbrooksville.us

With a copy to: City Attorney

c/o The Hogan Law Firm
P.O. Box 485
Brooksville, Florida 34605

and if sent to the CONTRACTOR shall be mailed to:

This Agreement is entered into as of the day and year first written above and is executed in at least two original copies of which one is to be delivered to the CONTRACTOR, and one to the CITY CLERK for filing in the official records.

CITY CLERK

CITY OF BROOKSVILLE, FLORIDA

Attest: _____
Janice L. Peters, CMC
City Clerk

By: _____
Frankie Burnett, Mayor

Contractor Witnesses:
(2 REQUIRED)

Contractor:

Witness: _____
Name

Signature

Business Name
By: _____
Signature

Witness: _____
Name

Signature

Print Name and Title

APPROVED AS TO FORM FOR THE RELIANCE OF THE
CITY OF BROOKSVILLE ONLY:

THOMAS S. HOGAN, JR., THE HOGAN LAW FIRM, LLC
CITY ATTORNEY



BID/PROPOSAL CHECKLIST CITY OF BROOKSVILLE FIRE STATION REROOF REBID NO. FR2015-11

FORMS/ITEMS TO BE RETURNED WITH YOUR BID/PROPOSAL!

The following forms are to be completed/signed by the bidder/proposer and submitted to the City:

1. Bid/Proposal Certification Form(s) w/equipment list,
2. One (1) set with original signatures, notarized signatures required, plus three (3) copies,
2. Bid Bond or Cashier's Check/Certified Check in the amount of 5% of bid,
3. Proof of Insurance in amounts required by the City with the City listed as Certificate Holder and Additionally Insured (See Special Instructions & Conditions),
4. State of Florida Contractor License or Hernando County License
5. Public Entity Crime Statement,
[Complete items 1 and 6; notarized signature required]
6. Drug-Free Workplace Certification Form,
[Complete Part I; notarized signature, or sign Part II]
7. List of Subcontractors with names of directors or owners, addresses, telephone numbers, and email address,
8. List of references for similar type work with contact information.

Note: Incomplete Bid/Proposal submissions may not be accepted/considered. Do not modify the forms! Any additional information you desire to present may be included as an attachment.

Reminder: Submit requested number of copies! (See Special Instructions and Conditions)

BID/CERTIFICATION FORM
CITY OF BROOKSVILLE
FIRE STATION REROOF REBID
BID NO.: FR2015-11

BIDDERS CERTIFICATION TO THE CITY OF BROOKSVILLE:

1. The undersigned warrants that: (A) This Bid is submitted in response to, and is in compliance with, all terms and conditions applicable thereto as set forth in the Advertisement, Instructions to Bidders, General Instructions and Conditions, Special Instructions and Conditions, Bid/Certification Forms and (if any), the Minimum Technical Specifications, Plans, Addendum, Exhibits, Agreement, Bonds, and Insurance Requirements, each of which has been carefully examined, (B) Bidder or Bidder's representative has made such investigation as is necessary to determine the character and extent of the work and their capability to perform the work, and (C) agrees that if the Bid is accepted by the City, Bidder will provide the necessary labor, materials, machinery, equipment, tools or apparatus, and perform all the work or services required to complete the assignment and/or contract within the time specified according to the requirements of the City as herein and hereinafter set forth, and (D) he/she is authorized to legally execute binding contracts for and on behalf of the Bidder.
2. Please check one:
 - Bidder declares that the only person, persons, company, or parties interested in this Bid are named in the Bid.
 - Bidder, or one or more of bidder's officers, principals, or any owner of more than 5% in or of bidder, or members of their immediate families: (A) have a financial interest in another company, project, or property that could benefit financially from this proposed project; and/or (B) another individual or business will be compensated by (or on behalf of bidder) if Bidder is selected by the City to bid the requested services. (Attach a detailed explanation for either.)
3. Bid Bond - If the Bid is accepted by the City, it will become a binding contract on both parties. If a Bid Bond or Cashier's Check/Certified Check is required, it shall be submitted with the Bid. If the undersigned shall fail to deliver or perform, or if applicable, execute a Contract as stated herein, then the City may, at its option, determine that the undersigned has abandoned the Award/Contract, and thereupon such Bid and/or Award shall be null and void, and any Cashier's Check/Certified Check or Bond accompanying this Bid shall be forfeited to and become the property of the City, and the full amount of said check, or if a Bid Bond, the full amount of such bond, shall be paid to the City as partial liquidated damages; otherwise, any Bond or Cashier's Check/Certified Check accompanying this Bid shall be returned to the undersigned within 30 calendar days from the date of Award, or if provisions for a Notice to Proceed are included, from the date of the Notice to Proceed.
4. Bidder proposes and agrees to provide all materials, services or equipment required for the **FIRE STATION REROOF REBID BID NO. FR2015-11**, for the Total Bid Sum of _____ Dollars (\$_____).
5. Number of days from date of the Notice to Proceed that will be required for the final completion of all work as described herein and as shown on the plans. _____
(Maximum 90 Calendar Days)
6. The City reserves the right to accept any or all prices itemized in any combination that best serves the interests of the City. The City further reserves the right to accept or reject any of the components of this Bid, including alternates.
7. BIDDER HEREBY ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDUMS: _____

Bidder/Company Name: _____

Name of Bidder: _____

Business structure: () Corporation, () Partnership, () Individual, () Other: _____

If a Partnership: _____

Name(s) of Partner(s): _____

If a Corporation: _____

Incorporated in State of: _____ Date of Incorporation: _____

Business Address: _____

City: _____ State _____ Zip _____

Telephone Number: () _____ Fax () _____

Submitted By: _____
(Print)

Title: _____

Signature: _____

ATTEST: _____
Secretary

By: _____
Print Name

Affix Corporate Seal
(If Corporation)

State of Florida
County of

The foregoing instrument was acknowledged before me this ___ day of _____, 20__, by _____,
who is personally known to me or who presented _____ as identification, and who (did) (did not) take
an oath.

[Signature of Notary Public]

[Printed, typed or stamped name of Notary Public]

NOTE: BIDS MAY BE REJECTED IF ALL DOCUMENTS ARE NOT COMPLETE AND EXECUTED, AND THE NUMBER OF COPIES SPECIFIED/REQUESTED OF EACH ARE NOT SUBMITTED WITH THE BID.

**SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to City of Brooksville, Florida, a Municipal Corporation, 201
Howell Avenue, Brooksville, Florida 34601 by _____
[print individual's name and title]
for _____ whose business
[print name of entity submitting sworn statement]
address is _____
_____ and (if applicable) it's Federal Identification Number
(FEIN) is _____ (If the entity has no FEIN, include the Social Security
Number of the individual signing this sworn statement _____)
2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), **Florida Statutes**, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), **Florida Statutes**, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), **Florida Statutes**, means:
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
5. I understand that a "person" as defined in Paragraph 287.133(1)(e), **Florida Statutes**, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **[Indicate which statement applies.]**

_____ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July, 1 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. **[attach a copy of the final order]**

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

[signature]

FR2015-11

[Reference: Bid Number]

Sworn to and subscribed before me this ___ day of _____, 20___. Personally known _____ or produced identification _____

[Type of identification]

Notary Public - State of _____

My Commission expires: _____

[Signature of Notary]

[Printed, typed or stamped commissioned name of Notary Public]

CITY OF BROOKSVILLE
DRUG-FREE WORKPLACE CERTIFICATION

Please complete Part I or Part II as applicable.

In order to be given preference in the award process for having implemented a drug-free workplace program prior to the bid/proposal submission date, the bidder/proposer is requested to certify that as part of their drug-free workplace program, they have:

1. Published a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specified the actions that will be taken against employees for violations of such prohibition.
2. Informed employees about the dangers of drug abuse in the workplace, the business policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Given each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in Subsection 1.
4. In the statement specified in Subsection 1, notified the employees that, as a condition of working on the commodities or contractual services that 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 nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Imposed a sanction on, or required the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by any employee who is so convicted.
6. Made a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Part I - PROGRAM IMPLEMENTED

I certify that I/we have established a drug-free workplace program meeting the foregoing minimum requirements.

[Printed, typed name]

[Signature]

State of Florida
County of _____

The foregoing instrument was acknowledged before me this ____ day of _____, 20__, by _____, who is personally known to me or who presented _____ as identification, and who (did) (did not) take an oath.

[Signature of Notary Public]

[Printed, typed or stamped name of Notary Public]

[Commission Number of Notary Public]

Part II - PROGRAM NOT IMPLEMENTED

A program meeting the above stated requirements has not been established or has not been fully implemented prior to bid/proposal closing date, and therefore I/we are not eligible for certification as a drug-free workplace.

[Signature]

[Date]



Tapered Systems Group Quotation

Master Project Name	Brooksville Fire Station	Quote Name	A1 - 1/4" Taper & 1/2" Crickets
Opportunity Name	A - Brooksville Fire Station Re-roof - 1/4" System	Quoted Date	6/10/2015
Property City State	BROOKSVILLE, FL	Expiration Date	9/30/2015
Master Project Reference Number	FL-2015-00140383		
Total Quote SQ's	48.07		

Description 1/4" TAPERED ISO & 1/2" ISO CRICKETS
 Any Base layer necessary to achieve an R-Value &/or starting thickness IS NOT INCLUDED in this quote & is to be supplied by the Contractor.

Product and Design Information

Material	Tapered ISO (Polyiso)	Cricket Slope	1/2"
Tapered Slope	1/4"	Cricket Min Thickness (IN)	0.500
Tapered Min Thickness (IN)	1.500	Cricket Max Thickness (IN)	1.32
Tapered Max Thickness (IN)	11.75	Compressive Strength (PSI)	20 psi
Average R-Value	36.50	Base Layer ISO Thickness (IN)	0.00
Min R-Value	8.60		
Fill	ISO		

Analysis and Pricing

<u>Approximate Squares of Application</u>		Project Subtotal
Total Cricket SQ's	0.48	
Total Cricket Fill SQ's	0.00	Pre-cut Charge

*Prices quoted herein are subject to change without notice prior to JM's acceptance of an order submitted by customer.
 This is not an offer to sell.
 Quotation valid until indicated expiration date but in no event more than 90 days from the quote date.
 This quotation supersedes any prior quotation for this quote.
 Attention: Fuel Surcharge is not included in this quote.
 R-values shown comply with revised 2014 LTTR Value of 5.7 R/inch.*

For questions regarding this quote, please contact: taperdesign@jm.com | PHONE: 800-341-8032 | FAX: 800-835-2341
 JM Tapered Systems Group | 10100 West Ute Avenue | Mailstop R16 | Littleton, CO 80127



Tapered Systems Group Quotation

Total Tapered SQ's 53.76
 Total Tapered Fill 119.20
 SQ's
 Total Base SQ's 0.00
 Total Flat SQ's 0.00
 Total Handled SQ's 173.44
 Total Applied SQ's 165.42

Total Price with Optional Pre-cuts

Total Price without Pre-cuts

Shipping Info

FOB	Jobsite
Pallets	41.79
Truckloads (48ft)	0.87

Special Notes

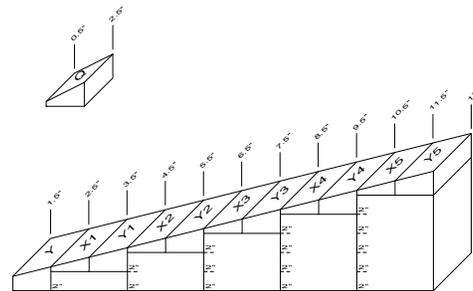
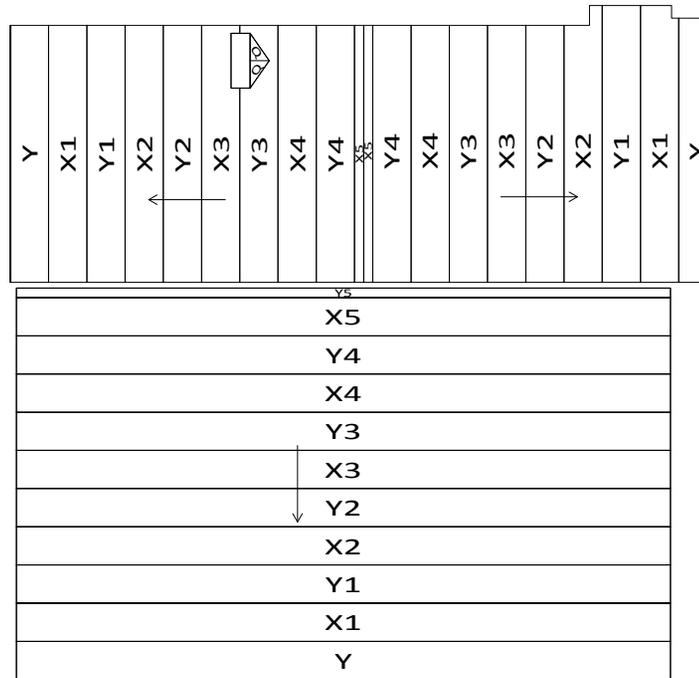
Created Date	Notes
6/10/2015	<p>*** PRICE IS FOR 1/4" TAPERED ISO & 1/2" ISO CRICKETS.***</p> <p>Price includes the use of ISO FILL within tapered & cricket systems. Price is based on a JM design, which may differ from architectural specifications. Tapered edge at drains, sumps, units and/or transitions to be supplied by contractor if required. Price is based on estimated drain locations - field verification of existing conditions and dimensions required prior to shipment. NO Base Layer or Overlay is included in this quote. Material that may be required for SUMPS is NOT INCLUDED in this quote & is to be supplied by the Contractor.</p>

Prepared By	Jamie Summers
Project Tapered Designer	Kevin Sandoval

*Prices quoted herein are subject to change without notice prior to JM's acceptance of an order submitted by customer.
 This is not an offer to sell.
 Quotation valid until indicated expiration date but in no event more than 90 days from the quote date.
 This quotation supersedes any prior quotation for this quote.
 Attention: Fuel Surcharge is not included in this quote.
 R-values shown comply with revised 2014 LTTR Value of 5.7 R/inch.*

For questions regarding this quote, please contact: taperdesign@jm.com | PHONE: 800-341-8032 | FAX: 800-835-2341
 JM Tapered Systems Group | 10100 West Ute Avenue | Mailstop R16 | Littleton, CO 80127

**** This Drawing is for Conceptual Purposes ONLY. ****
 **** Not intended for Final Submittal. ****
 *** N.T.S ***



**** I have Reviewed & Accepted the Conceptual Design Layout and I hereby request Full Size Shop Drawings. ****

Signature _____
 Required

Company _____

email: taperdesign@jm.com - FAX: (800) 835-2341

Phone #
 (800) 341-8032
 Estimator
 Kevin Sandoval
 sandovalk@jm.com

Project:
 FL15-140383A1
 Brooksville Fire Station
 Brooksville, FL

Tapered
 Systems
 Group
 10100 W. Ute Ave.
 Mail Stop R-16
 Littleton, CO 80127



SECTION 075423 – THERMOPLASTIC POLYOLEFIN (TPO) MEMBRANE ROOFING

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. TPO Mechanically fastened membrane roofing system.
- B. Cover board – Alternate 1.
- C. Roof insulation.

1.2 RELATED SECTIONS

- A. Division 05 Section "Steel Decking" for steel roof deck.
- B. Division 06 Section "Miscellaneous Rough Carpentry" for wood nailers, cants, curbs, and blocking [and for wood-based, structural-use roof deck panels].
- C. Division 07 Section "Sheet Metal Flashing and Trim" for metal roof penetration flashings, flashings, and counter flashings.
- D. Division 22 Section "Storm Drainage Piping Specialties" for roof drains.

1.3 REFERENCES

- A. Roofing Terminology: Refer to the following publications for definitions of roofing work related terms in this Section:
 - 1. ASTM D 1079 "Terminology Relating to Roofing and Waterproofing."
 - 2. Glossary of NRCA's "The NRCA Roofing and Waterproofing Manual."
 - 3. Roof Consultants Institute "Glossary of Roofing Terms."
- B. Sheet Metal Terminology and Techniques: SMACNA "Architectural Sheet Metal Manual."

1.4 DESIGN CRITERIA

- A. General: Installed roofing membrane system shall remain watertight; and resist specified wind uplift pressures, thermally induced movement, and exposure to weather without failure.
- B. Material Compatibility: Roofing materials shall be compatible with one another under conditions of service and application required, as demonstrated by roofing system manufacturer based on testing and field experience.

- C. Installer must comply with current code requirements based on authority having jurisdiction.
- D. Wind Uplift Performance: Roofing system shall be identical to systems that have been successfully tested by a qualified testing and inspecting agency to resist wind uplift pressure calculated in accordance with ASCE 7-10.
- E. FBC Listing: Roofing membrane, base flashings, and component materials shall comply with requirements in Florida Building Code as part of a roofing system and that is listed in Florida Department of Business & Professional Regulation's Product Approval for noncombustible construction, as applicable:
 - 1. Roofing system shall comply with FBC FL# 11475-R5.
 - a. Evaluation Report: F9340.10.08-R5
 - b. System # SC-31
 - c. Maximum Design Pressure (MDP) for Field of Roof: -30.0 psf
- F. EPA Energy Star:
 - 1. Roofing membrane shall achieve an initial reflectance of greater than 0.65 and a three year aged reflectance of greater than 0.50.

1.5 SUBMITTALS

- A. Product Data: Manufacturer's data sheets for each product to be provided.
- B. Detail Drawings: Provide roofing system plans, elevations, sections, details, and details of attachment to other Work, including:
 - 1. Base flashings, cants, and membrane terminations.
 - 2. Tapered insulation, including slopes.
 - 3. Crickets, saddles, and tapered edge strips, including slopes.
 - 4. Insulation fastening patterns.
- C. Verification Samples: Provide for each product specified.
- D. Installer Certificates: Signed by roofing system manufacturer certifying that Installer is approved, authorized, or licensed by manufacturer to install roofing system.
- E. Maintenance Data: Refer to Johns Manville's latest published documents on www.JM.com.
- F. Guarantees: Provide manufacturer's current guarantee specimen.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Qualified firm that is approved, authorized, or licensed by roofing system manufacturer to install manufacturer's product and that is eligible to receive the specified manufacturer's guarantee.

- B. Manufacturer Qualifications: Qualified manufacturer that has UL listing for roofing system identical to that used for this Project.
- C. Testing Agency Qualifications: An independent testing agency with the experience and capability to conduct the testing indicated, as documented according to ASTM E329.
- D. Test Reports:
 - 1. Roof drain and leader test or submit plumber's verification.
 - 2. Roof deck fastener pullout test.
- E. Source Limitations: Obtain all components from the single source roofing manufacturer guaranteeing the roofing system. All products used in the system must be labeled by the single source roofing manufacturer issuing the guarantee.
- F. Fire-Test-Response Characteristics: Provide roofing materials with the fire-test-response characteristics indicated as determined by testing identical products per test method below by UL, or another testing and inspecting agency acceptable to authorities having jurisdiction. Materials shall be identified with appropriate markings of applicable testing and inspecting agency.
 - 1. Exterior Fire-Test Exposure: Class [A](#); ASTM E 108, for application and roof slopes indicated.
 - 2. Fire-Resistance Ratings: ASTM E 119, for fire-resistance-rated roof assemblies of which roofing system is a part.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver roofing materials in original containers with seals unbroken and labeled with manufacturer's name, product brand name and type, date of manufacture, and directions for storage.
- B. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer.
- C. Protect roof insulation materials from physical damage and from deterioration by sunlight, moisture, soiling, and other sources. Comply with insulation manufacturer's written instructions for handling, storing, and protecting during installation.
- D. Handle and store roofing materials and place equipment in a manner to avoid permanent deflection of deck.

1.8 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with installation only when current and forecasted weather conditions permit roofing system to be installed in accordance with manufacturer's written instructions and guarantee requirements.

1.9 GUARANTEE

- A. Provide manufacturer's system guarantee equal to Johns Manville's Peak Advantage No Dollar Limit Roofing System Guarantee.
 - 1. Single-Source special guarantee includes roofing membrane, base flashings, liquid applied flashing, roofing membrane accessories, [roof insulation], [fasteners], [cover board, [walkway products], [manufacturer's expansion joints], [manufacturer's edge metal products], and other single-source components of roofing system marketed by the manufacturer.
 - 2. Guarantee Period: 20 years from date of Substantial Completion.
- B. Installer's Guarantee: Submit roofing Installer's guarantee, including all components of roofing system for the following guarantee period:
 - 1. Guarantee Period: Two Years from date of Substantial Completion.
- C. Existing Guarantees: Guarantees on existing building elements should not be affected by scope of work.
 - 1. Installer is responsible for coordinating with building owner's representative to verify compliance.

PART 2 - PRODUCTS

2.1 THERMOPLASTIC POLYOLEFIN ROOFING MEMBRANE - TPO

- A. Fabric-Reinforced Thermoplastic Polyolefin Sheet: ASTM D 6878, uniform, flexible sheet formed from a thermoplastic polyolefin, internally fabric or scrim reinforced. Basis of Design: [JM TPO](#)
 - 1. Thickness: 60 mils (1.52 mm), nominal
 - 2. Exposed Face Color: White

2.2 AUXILIARY ROOFING MATERIALS – SINGLE PLY

- A. General: Auxiliary materials recommended by roofing system manufacturer for intended use and compatible with membrane roofing.
 - 1. Liquid-type auxiliary materials shall meet VOC limits of authorities having jurisdiction.
- B. Sheet Flashing: Manufacturer's internally reinforced or scrim reinforced, smooth backed membrane with same thickness and color as sheet membrane. Basis of Design: [JM TPO](#)
- C. Bonding Adhesive: Manufacturer's standard solvent-based bonding adhesive for base flashings. Basis of Design: [JM TPO Membrane Adhesive \(Solvent Based\)](#)
- D. Metal Termination Bars: Manufacturer's standard predrilled stainless-steel or aluminum bars, with anchors. Basis of Design: [JM Termination Systems](#)

- E. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane to substrate, and acceptable to membrane roofing system manufacturer. Basis of Design: [High Load Fasteners and Plates](#)
- F. Miscellaneous Accessories: Provide pourable sealers, preformed cone and vent sheet flashings, preformed inside and outside corner sheet flashings, T-joint covers, cover strips, and other accessories. Basis of Design: [JM TPO Pourable Sealer A & B](#), [JM TPO Pipe Boots](#), [JM TPO Universal Corners](#), [JM TPO Edge Sealant](#), [JM TPO T-Joint Patch](#), [JM TPO Membrane Cleaner](#), [JM TPO Membrane Primer](#), [JM TPO Membrane Primer \(Low VOC\)](#), [JM TPO Sealing Mastic](#), [JM TPO Cover Tape](#), [JM TPO Detail Membrane](#), [JM TPO Peel & Stick 10" RPS](#), [JM TPO Peel & Stick 6" RTS](#), [JM TPO-Coated Metal](#), [JM TPO Detail Membrane](#) and [JM Single Ply Caulk](#)

2.3 AUXILIARY ROOFING SYSTEM COMPONENTS

- A. Expansion Joints: Provide factory fabricated weatherproof, exterior covers for expansion joint openings consisting of flexible rubber membrane, supported by a closed cell foam to form flexible bellows, with two metal flanges, adhesively and mechanically combined to the bellows by a bifurcation process. Provide product manufactured and marketed by single-source membrane supplier that is included in the No Dollar Limit guarantee. Basis of Design: [Expand-O-Flash](#) [Expand-O-Gard](#)
- B. Coping System: Manufacturer's factory fabricated coping consisting of a base piece and a snap-on cap. Provide product manufactured and marketed by single-source membrane supplier that is included in the No Dollar Limit guarantee. Basis of Design: [Presto-Lock Coping](#)
- C. Fascia System: Manufacturer's factory fabricated fascia consisting of a base piece and a snap-on cover. Provide product manufactured and marketed by single-source membrane supplier that is included in the No Dollar Limit guarantee. Basis of Design: [Presto Lock Fascia](#)
- D. Metal Flashing Sheet: Metal flashing sheet is specified in Division 07 Section "Sheet Metal Flashing and Trim."

2.4 WALKWAYS

- A. Flexible Walkways: Factory-formed, nonporous, heavy-duty, slip-resisting, surface-textured walkway pads sourced from membrane roofing system manufacturer. Basis of Design: [JM TPO Walkpad](#)

2.5 COVER BOARD – ALTERNATE 1

- A. High-Density Polyisocyanurate: ASTM C 1289, Type II, Class 4, Grade 3, High-density Polyisocyanurate technology bonded in-line to mineral-surfaced, fiber glass reinforced facers with greater than 140 lbs of compressive strength. Basis of Design: [Invinsa Roof Board](#)

2.6 ROOF INSULATION

- A. General: Preformed roof insulation boards that comply with requirements and referenced standards, selected from manufacturer's standard sizes and of thicknesses indicated.
- B. Polyisocyanurate Board Insulation: ASTM C 1289, Type II, Class 1, Grade 2 (20 psi), Basis of Design: [ENRGY 3](#)
 - 1. Provide insulation package with minimum R Value: [insert R Value] [minimum required by applicable code].
 - 2. Provide insulation package in multiple layers.
 - 3. Minimum Long-Term Thermal Resistance (LTTR): 5.7 per inch.
 - a. Determined in accordance with CAN/ULC S770 at 75°F (24°C)

2.7 TAPERED INSULATION

- A. Tapered Insulation: ASTM C 1289, Type II, Class 1, Grade 2 (20 psi), provide factory-tapered insulation boards fabricated to slope of [1/4 inch per 12 inches (1:48)], unless otherwise indicated. Basis of Design: [Tapered ENRGY 3](#)

2.8 INSULATION ACCESSORIES

- A. General: Roof insulation accessories recommended by insulation manufacturer for intended use and compatible with membrane roofing.
- B. Provide factory preformed saddles, crickets, tapered edge strips, and other insulation shapes where indicated for sloping to drain. Fabricate to slopes indicated. Basis of Design: [Diamondback Pre-Cut Cricket](#) [Diamondback Pre-Cut Miter](#) [Tapered Fesco Edge Strip](#)
- C. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening roof insulation to substrate, and furnished by roofing system manufacturer. Basis of Design: [UltraFast Fasteners and Plates](#)
- D. Wood Nailer Strips: Comply with requirements in Division 06 Section "Miscellaneous Rough Carpentry."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions for compliance with the requirements affecting performance of roofing system.
 - 1. General:

- a. Verify that roof openings and penetrations are in place and set and braced and that roof drains are securely clamped in place.
 - b. Verify that wood cants, blocking, curbs, and nailers are securely anchored to roof deck at penetrations and terminations and that nailers match thicknesses of insulation.
2. Steel Decks:
 - a. Verify that surface plane flatness and fastening of steel roof deck complies with requirements in Division 05 Section "Steel Decking."
 3. Ensure general rigidity and proper slope for drainage.
 4. Verify that deck is securely fastened with no projecting fasteners and with no adjacent units in excess of 1/16 inch (1.6 mm) out of plane relative to adjoining deck.
- B. Unacceptable panels should be brought to the attention of the General Contractor and Project Owner's Representative and must be corrected prior to installation of roofing system.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean and remove from substrate sharp projections, dust, debris, moisture, and other substances detrimental to roofing installation in accordance with roofing system manufacturer's written instructions.
- B. Prevent materials from entering and clogging roof drains and conductors and from spilling or migrating onto surfaces of other construction.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 RE-ROOF PREPARATION

- A. Remove all roofing membrane, surfacing, coverboards, insulation, fasteners, asphalt, pitch, adhesives, etc.
 1. Remove an area no larger than can be re-roofed in one day.
- B. Tear out all base flashings, counterflashings, pitch pans, pipe flashings, vents and like components necessary for application of new membrane.
- C. Remove abandoned equipment curbs, skylights, smoke hatches, and penetrations.
 1. Install decking to match existing as directed by Owner's Representative.
- D. Raise (disconnect by licensed craftsmen, if necessary) all HVAC units and other equipment supported by curbs to conform with the following:
 1. Modify curbs as required to provide a minimum 8" base flashing height measured from the surface of the new membrane to the top of the flashing membrane.

2. Secure of flashing and install new metal counterflashing prior to re-installation of unit.
3. Perimeter nailers must be elevated to match elevation of new roof insulation.

- E. Immediately remove all debris from roof surface. Demolished roof system may not be stored on the roof surface.
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.4 INSULATION INSTALLATION

- A. Coordinate installation of roof system components so insulation and cover board is not exposed to precipitation or left exposed at the end of the workday.
- B. Comply with roofing system manufacturer's written instructions for installation of roof insulation and cover board.
- C. Install tapered insulation under area of roofing to conform to slopes indicated.
- D. Install insulation boards with long joints in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch (6 mm) with like material.
- E. Install 2 or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches (150 mm) in each direction.
- F. Trim surface of insulation boards where necessary at roof drains so completed surface is flush and does not restrict flow of water.
- G. Install tapered edge strips at perimeter edges of roof that do not terminate at vertical surfaces.
- H. Preliminarily Fastened Insulation for Mechanically Fastened Systems: Install insulation with fasteners at rate required by roofing system manufacturer or applicable authority, whichever is more stringent.
 1. Fasten top layer to resist uplift pressure at corners, perimeter, and field of roof.
- I. Proceed with installation only after unsatisfactory conditions have been corrected.

3.5 COVER BOARD INSTALLATION – ALTERNATE 1

- A. Coordinate installing membrane roofing system components so cover board is not exposed to precipitation or left exposed at the end of the workday.
- B. Comply with membrane roofing system manufacturer's written instructions for installing roof cover board.
- C. Install cover board with long joints of cover board in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch (6 mm) with cover board.

1. Cut and fit cover board within 1/4 inch (6 mm) of nailers, projections, and penetrations.
- D. Trim surface of cover board where necessary at roof drains so completed surface is flush and does not restrict flow of water.
 1. Install tapered edge strips at perimeter edges of roof that do not terminate at vertical surfaces.
- E. Preliminarily Fastened Insulation for Mechanically Fastened Systems: Install insulation with fasteners at rate required by roofing system manufacturer or applicable authority, whichever is more stringent.
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.6 ROOFING MEMBRANE INSTALLATION, GENERAL

- A. Install roofing membrane in accordance with roofing system manufacturer's written instructions, applicable recommendations of the roofing manufacturer and requirements in this Section.
- B. Start installation of roofing membrane in presence of roofing system manufacturer's technical personnel.
- C. Where roof slope exceeds 1/2 inch per 12 inches (1:24), contact the membrane manufacturer for installation instructions regarding installation direction and backnailing.
- D. Cooperate with testing and inspecting agencies engaged or required to perform services for installing roofing system.
- E. Coordinate installing roofing system so insulation and other components of the roofing membrane system not permanently exposed are not subjected to precipitation or left uncovered at the end of the workday or when rain is imminent.
 1. Provide tie-offs at end of each day's work to cover exposed roofing membrane sheets and insulation with a course of coated felt set in roofing cement or hot roofing asphalt with joints and edges sealed.
 2. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of roofing system.
 3. Remove and discard temporary seals before beginning work on adjoining roofing.
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.7 MECHANICALLY FASTENED ROOFING MEMBRANE INSTALLATION

- A. Install roofing membrane over area to receive roofing in accordance with roofing system manufacturer's written instructions.
 1. Unroll roofing membrane and allow to relax before installing.
 2. Install sheet in accordance with roofing system manufacturer's written instructions.

- B. Accurately align roofing membranes and maintain uniform side and end laps of minimum dimensions required by manufacturer. Stagger end laps.
- C. Mechanically fasten roofing membrane securely at terminations, penetrations, and perimeter of roofing.
- D. Always install membrane laps perpendicular to the steel deck flutes. "Picture Frame" installation method is not permitted.
- E. Apply roofing membrane with side laps shingled with slope of roof deck where possible.
- F. Seams: Clean seam areas, overlap roofing membrane, and hot-air weld side and end laps of roofing membrane according to manufacturer's written instructions to ensure a watertight seam installation.
 - 1. Test lap edges with probe to verify seam weld continuity. Apply lap sealant to seal cut edges of roofing membrane.
 - 2. Verify field strength of seams a minimum of twice daily and repair seam sample areas.
 - a. Remove and repair any unsatisfactory sections before proceeding with Work.
 - 3. Repair tears, voids, and lapped seams in roofing membrane that do not meet requirements.
- G. Spread sealant or mastic bed over deck drain flange at deck drains and securely seal roofing membrane in place with clamping ring.
- H. In-Splice Attachment: Secure one edge of roofing membrane using fastening plates or metal battens centered within membrane splice and mechanically fasten roofing membrane to roof deck. Field-splice seam.
- I. Install roofing membrane and auxiliary materials to tie in to existing roofing.
- J. Proceed with installation only after unsatisfactory conditions have been corrected.

3.8 BASE FLASHING INSTALLATION

- A. Install sheet flashings and preformed flashing accessories and adhere to substrates according to membrane roofing system manufacturer's written instructions.
- B. Apply solvent-based bonding adhesive at required rate and allow to partially dry. Do not apply bonding adhesive to seam area of flashing.
- C. Flash penetrations and field-formed inside and outside corners per manufacturer's installation instructions.
- D. Clean seam areas and overlap and firmly roll sheet flashings into the adhesive. Weld side and end laps to ensure a watertight seam installation.
- E. Terminate and seal top of sheet flashings and mechanically anchor to substrate through termination bars.
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.9 WALKWAY INSTALLATION

- A. Flexible Walkways: Install walkway products in locations indicated. Heat-weld walkway products to substrate according to roofing system manufacturer's written instructions.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.10 FIELD QUALITY CONTROL

- A. Testing Agency: Owner will engage a qualified independent testing and inspecting agency to perform roof tests and inspections and to prepare test reports.
- B. Final Roof Inspection: Arrange for roofing system manufacturer's Registered Roof Observer (RRO) to inspect roofing installation on completion and submit report to Architect.
 - 1. Notify Architect or Owner 48 hours in advance of date and time of inspection.
- C. Repair or remove and replace components of roofing system where test results or inspections indicate that they do not comply with specified requirements.
- D. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

3.11 PROTECTION AND CLEANING

- A. Protect roofing system from damage and wear during remainder of construction period.
- B. Correct deficiencies in or remove roofing system that does not comply with requirements, repair substrates, and repair or reinstall roofing system to a condition free of damage and deterioration at time of Substantial Completion and according to warranty requirements.
- C. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION 075423

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DESIGNER'S
CERTIFICATION
#10-219



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A RE-ROOF FOR: CITY of BROOKSVILLE FIRE DEPT.

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BUILDER:

DRAWN BY:

DRM

DATE:

4/18/15

SCALE:

1/4"=1'-0"

A RE-ROOF FOR:

CITY of BROOKSVILLE
FIRE DEPARTMENT

REVISION	BY
5/11/15	DRM
5/28/15	DRM
6/12/15	DRM

SHEET:
COVER



LOCATOR MAP

TABLE OF CONTENTS

SHT. NO.	DESCRIPTION
CVR	COVER SHEET
1	ROOF PLAN / SECTION
2	ELEVATIONS
S1.1	EXISTING ROOF FRAMING
S2.1	ENGINEERING DETAILS
S3.1	ENGINEERING DETAILS

REFERENCED CODES:

Florida Building Code 2010 with Amendments
Existing Building Code 2010 with Amendments
ASCE 7-10
ACI 2010
AISC 2010

The Work Associated with this project is classified as
Alteration Level - I per section 403 of the 2010
Existing Florida Building Code.

PROJECT ENGINEER

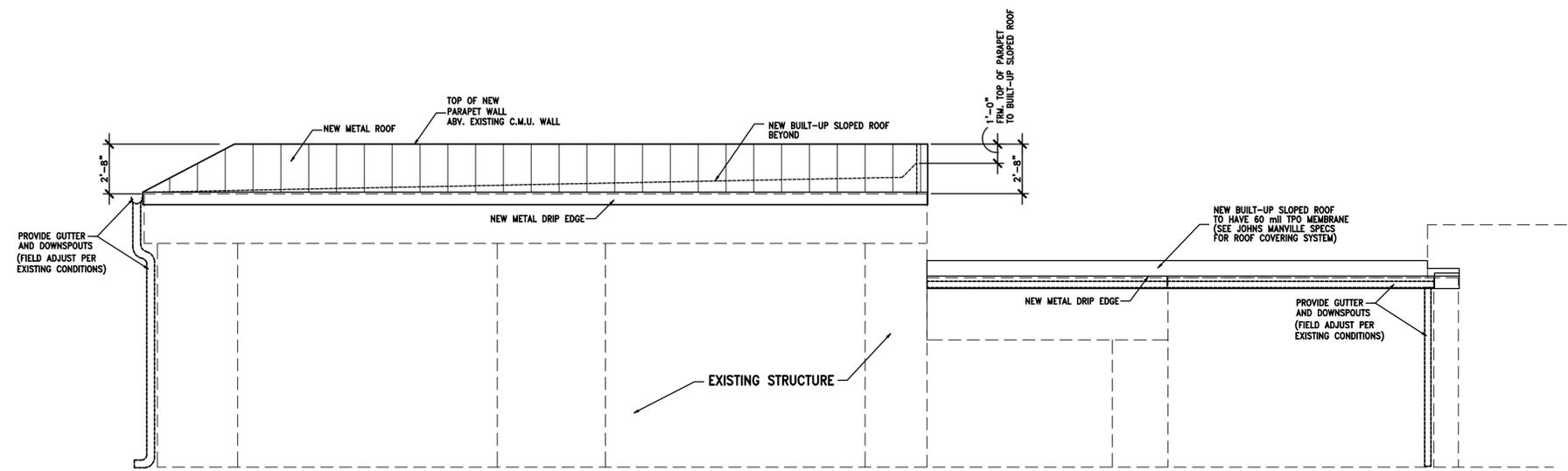
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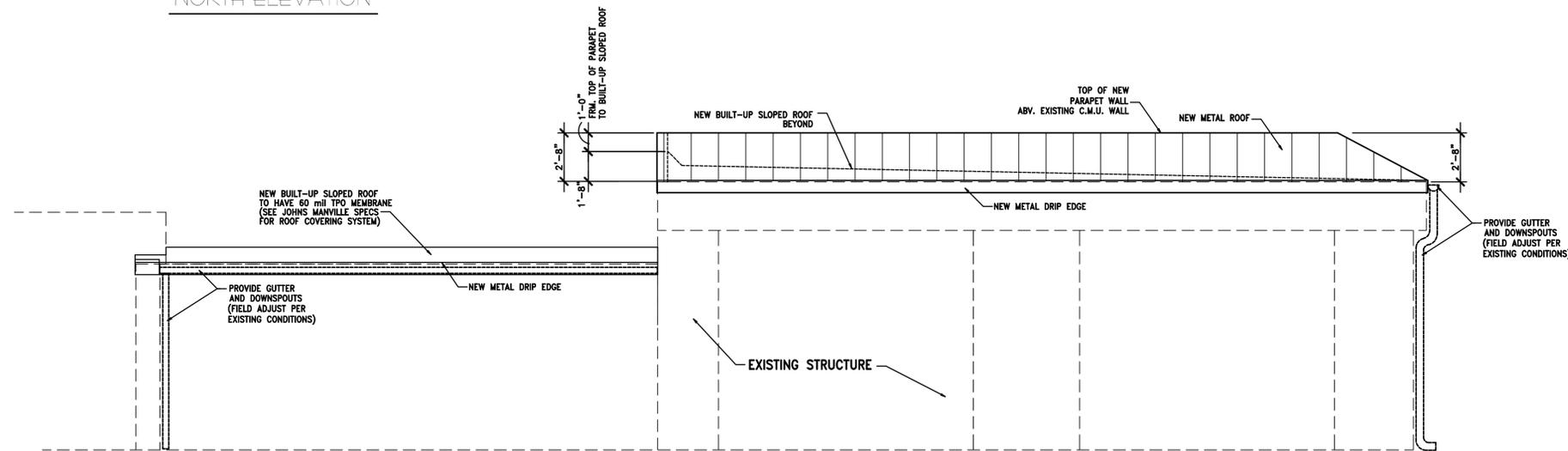
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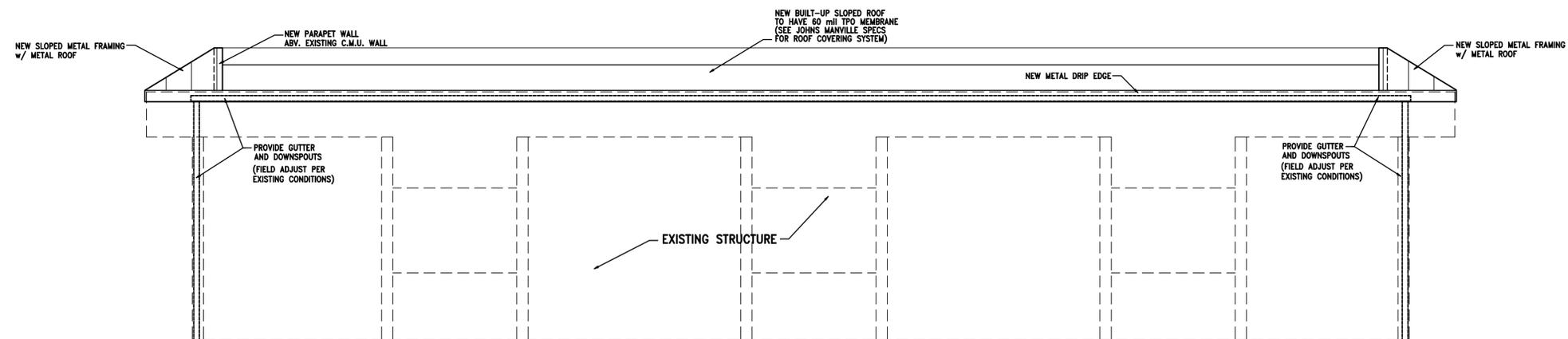
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NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION

ELEVATIONS

BUILDER:

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DRM

DATE:

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SCALE:

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SHEET:

2

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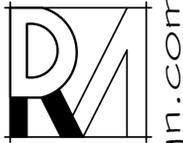
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ROOF PLAN

PROJECT ENGINEER

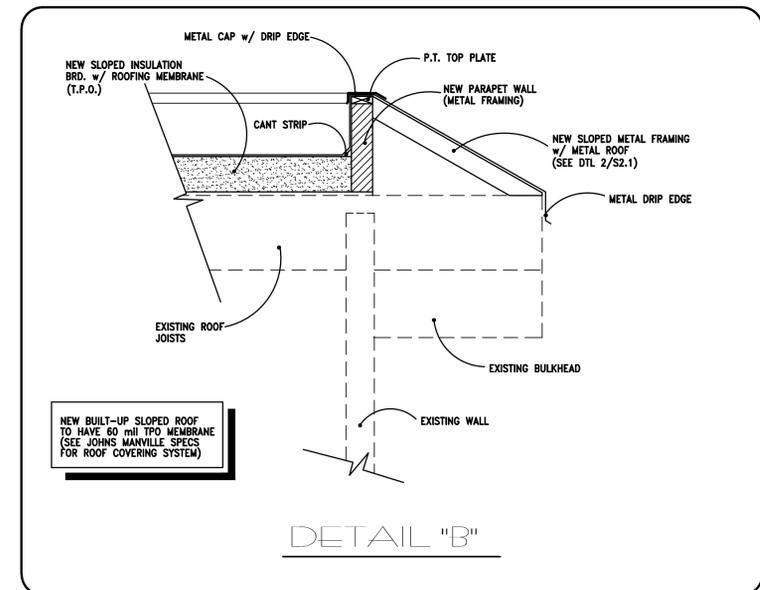
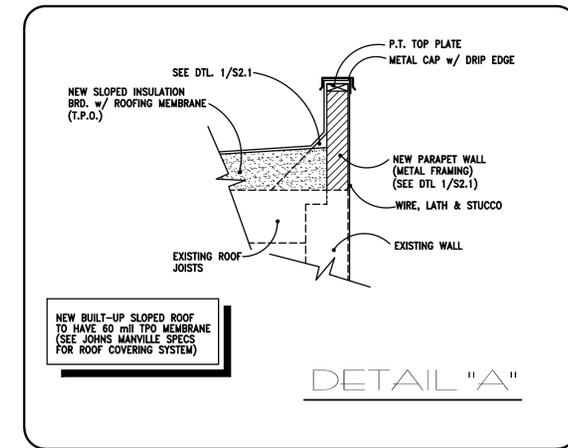
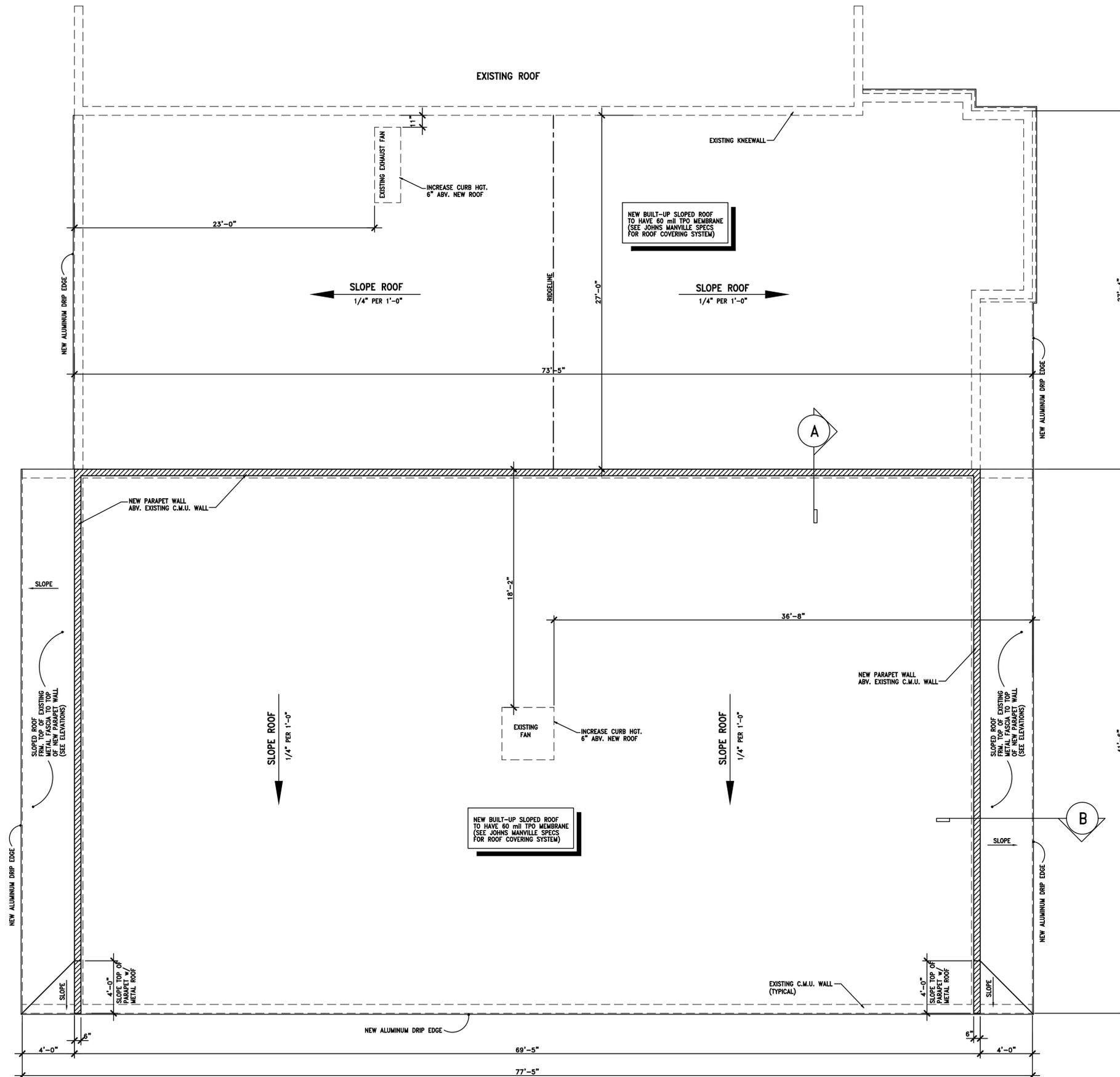
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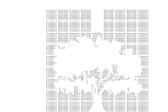
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6/12/15	DRM

SHEET:

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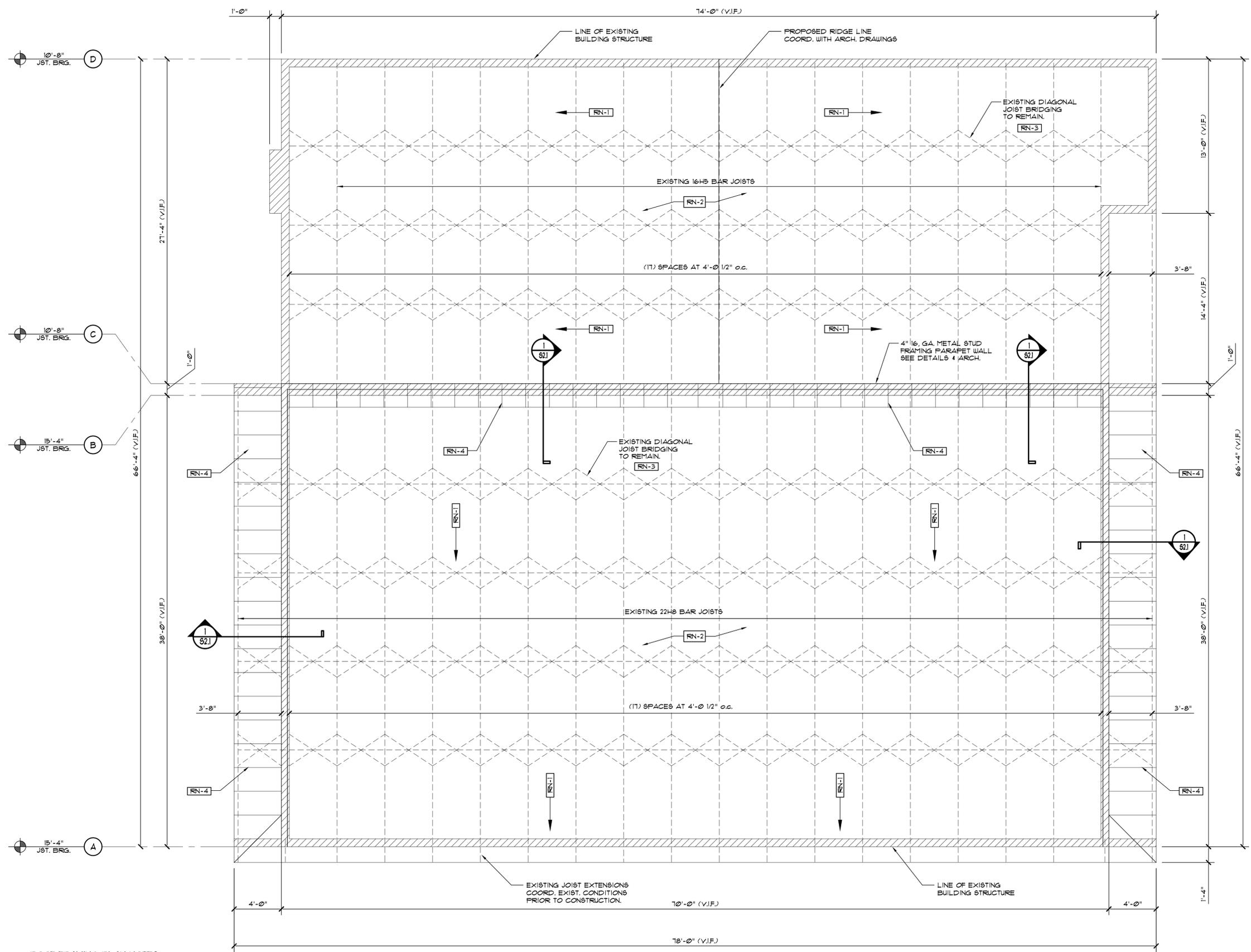


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EXISTING ROOF FRAMING PLAN

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REVISED	
DRAWN BY	AWJ
CHECKED BY	AWJ
DATE	5/21/2015
SCALE	AS NOTED
FILE	15-1012
SHEET	S1.1



- ROOF FRAMING NOTES**
- RN-1** SLOPE ROOF DOWN IN THIS DIRECTION AT 1/4" PER FOOT WITH TAPERED RIGID INSULATION. SEE ARCH. DUG'S.
 - RN-2** REMOVE EXISTING FORM DECK & STYROFOAM & INSTALL NEW 1 1/2" 22 GA. TYPE "B" GALV. METAL ROOF DECK 3 SPAN MIN.
 - RN-3** INDICATES EXISTING DIAGONAL JOIST BRIDGING AS SHOWN.
 - RN-4** INDICATES METAL STUD FRAMING PARAPET WALL AND SLOPED ROOF SECTION (SEE ARCH.)

NOTE:
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS RELATED TO THE EXISTING BUILDING BEFORE FABRICATION AND CONSTRUCTION.

NOTE:
COORDINATE w/ ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, ELEVATIONS AND EXACT LOCATION OF RENOVATED CANOPY

NOTE:
COORDINATE w/ ROOF COVERING MANUF. FOR SPECIFICATIONS ON THE ATTACHMENT REQUIREMENTS TO THE METAL ROOF DECK PRIOR TO CONSTRUCTION.

- ROOF FRAMING PLAN NOTES**
1. ROOF UPLIFT PLAN - SEE S3.1.
 2. SEE EXISTING ROOF FRAMING PLAN FOR DIMENSIONS.
 3. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
 4. DECK TO BE 1 1/2" 22 GA. TYPE "B" GALV. METAL DECK 3 SPAN MIN. FASTENING - AT EA. SUPPORT: (4) 5/8" ϕ PUDDLE WELDS PER 36" AND BETWEEN EACH SUPPORT INSTALL (4) #10 TEK SCREWS AT SIDELAP. WELD DECK TO EXIST. CONTINUOUS DECK ANGLE w/ 5/8" ϕ PUDDLE WELDS AT 6" O.C.

EXISTING ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

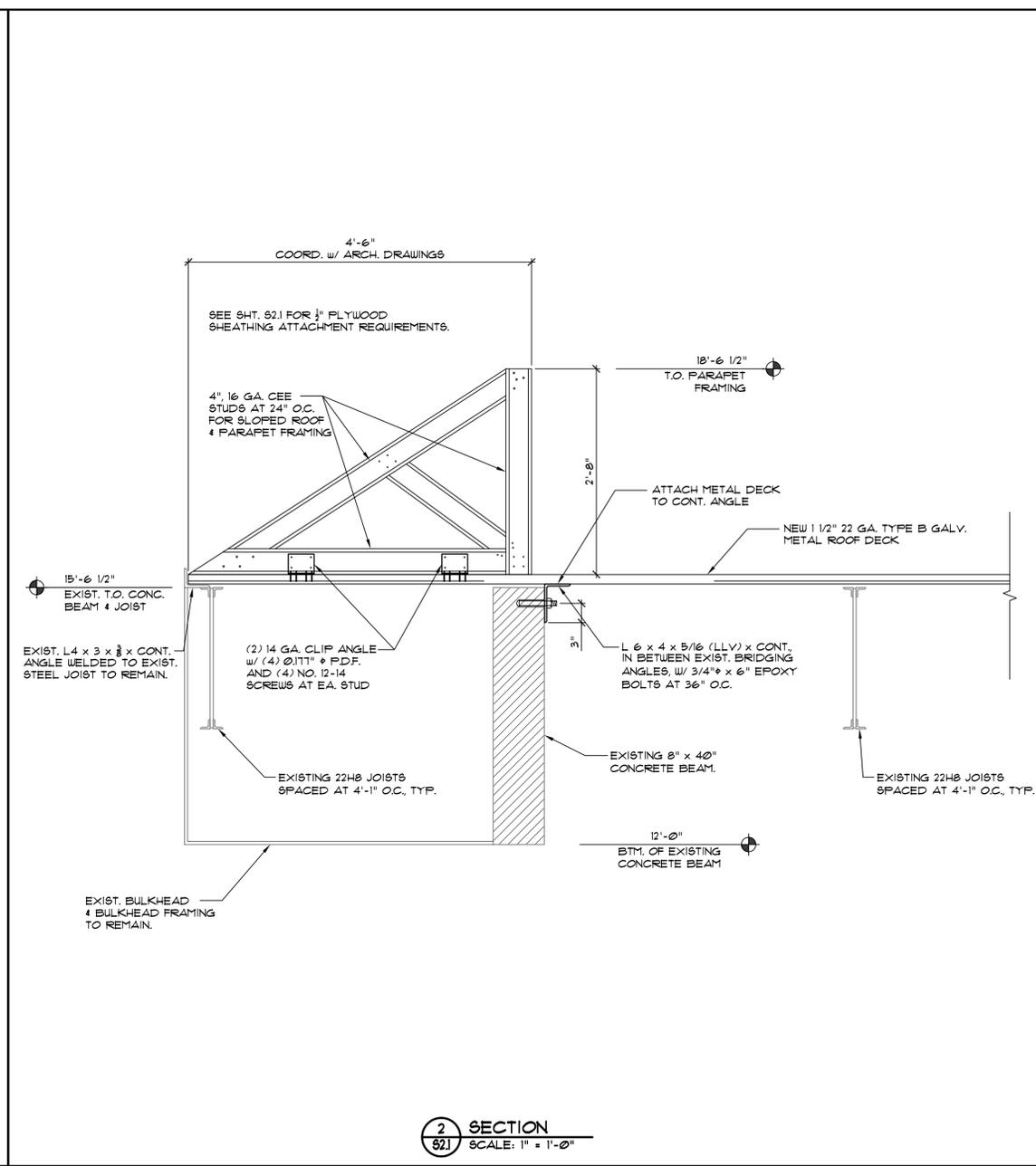
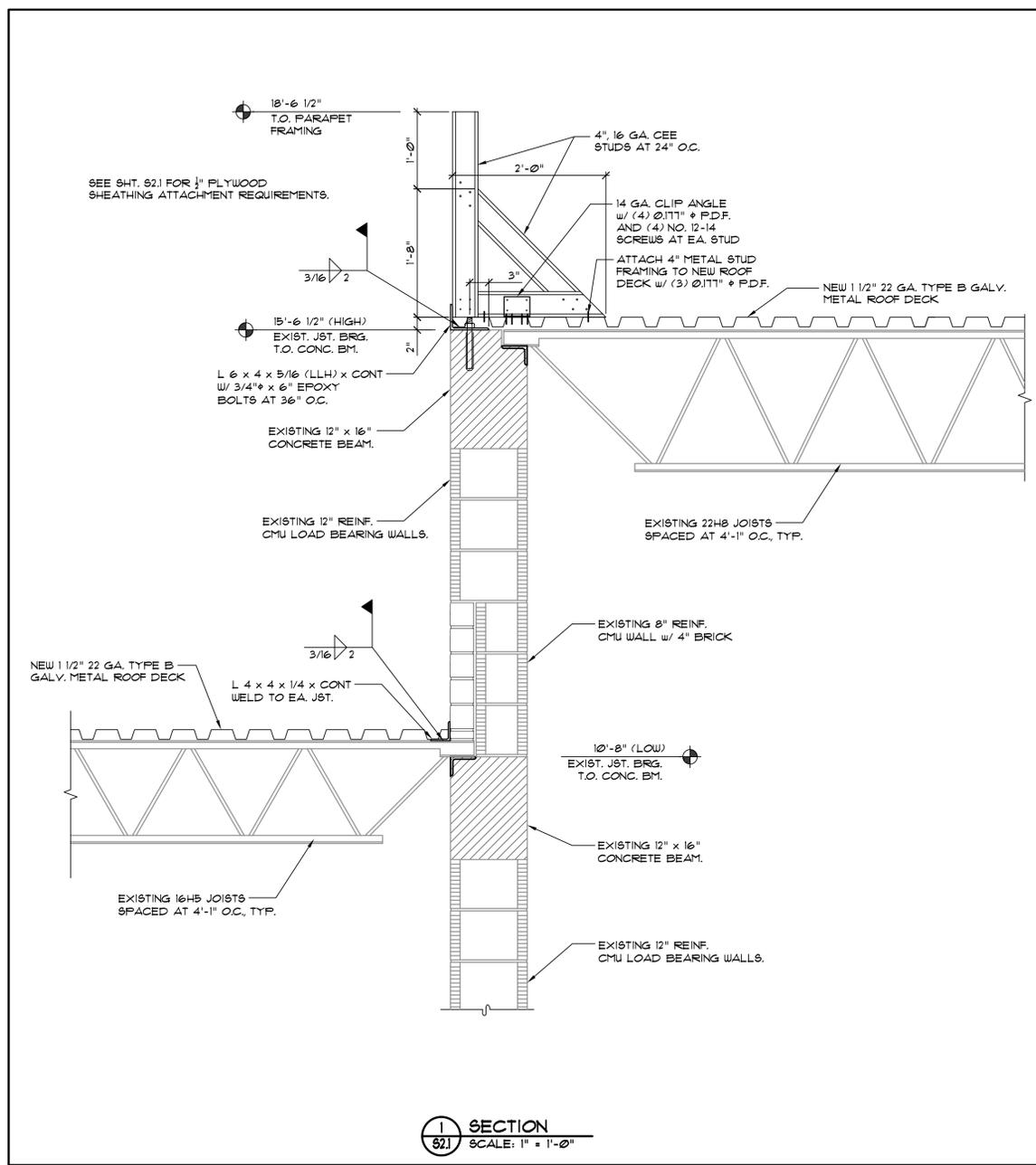


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SECTIONS

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CHECKED BY	AWJ
DATE	5/21/2015
SCALE	AS NOTED
FILE	15-1012
SHEET	S2.1



METAL STUD FASTENING NOTES
(U.N.O.)

- METAL STUDS AND METAL CLIP ANGLES SHALL BE CONNECTED TO STRUCTURAL STL w/ (2) 1/11" x 1/2" POWDER DRIVEN FASTENERS, U.O.N.
- METAL STUDS SHALL BE CONNECTED TO METAL STUDS w/ MIN (4) NO. 12-14 SCREWS
- CONNECT SHEATHING TO MTL STUDS w/ NO. 12-14 SCREWS @ 4" O.C.
- 14 GA CLIP ANGLES SHALL BE CONNECTED TO MASONRY w/ (2) 1/4" Ø TAPCON (2 1/4" LENGTH MIN.)
- STUDS SHALL BE CONNECTED TO CLIP ANGLES w/ MIN (4) NO. 12-14 SCREWS
- AS REQ'D THE CONTRACTOR SHALL PROVIDE CLIP ANGLES FOR ALL METAL STUDS SO PROPER ALIGNMENT CAN BE ATTAINED. THE CLIP ANGLE GAGE SHALL MATCH OR EXCEED THE STUD GAGE.
- 14 GA CLIP ANGLES SHALL BE CONNECTED TO METAL ROOF DECKING w/ (4) NO. 10 TEK SCREWS.

COORDINATE ALL SOFFIT HEIGHTS AND SECTIONS w/ ARCH

COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

SEE ARCH FOR SHEATHING

PARAPET ROOF FASTENING PLAN

ZONE 1: FASTEN 1/2" ROOF SHEATHING TO METAL STUDS w/ NO. 12-14 SCREWS @ 4" O.C. AT PANEL EDGES AND NO. 12-14 SCREWS @ 8" O.C. AT INTERMEDIATE SUPPORTS.

ZONE 2 & 3: FASTEN 1/2" ROOF SHEATHING TO METAL STUDS w/ NO. 12-14 SCREWS @ 3" O.C. AT PANEL EDGES AND NO. 12-14 SCREWS @ 6" O.C. AT INTERMEDIATE SUPPORTS.

STRUCTURAL SPECIFICATIONS

DESIGN CRITERIA

- Building Code: Florida Building Code, 2010 Edition, ASCE 7.
- Design Live Load:
Roof = 20 PSF
- Design Dead Loads:
Roof = 15 PSF (Fiberglass Shingles)
- Ultimate Wind Speed = 140 MPH
Nominal Wind Speed = 108 MPH
- Risk Category II
- Wind Exposure Category = B
- Internal Pressure Coefficient (C_{pi}) = (+/-) 0.18
- See plan sheets for wind load uplift diagrams for roof members.
- Other Loads: Contractor shall submit loading information for all equipment not shown on the drawings, or differing from those shown on the drawings.

MISCELLANEOUS

- The Contractor is responsible for the means and methods of the construction of the contents of these documents. This shall include, but is not limited to, temporary bracing, shoring, tie downs and other provisions which will ensure the safety at the job site until the entire structural system has been installed.
- Do not scale these drawings. Coordinate all dimensions, elevations and openings with the architectural drawings and all other trades. Report to this office any discrepancies or omissions found in the contract document.

SUBMITTALS

- All shop drawings shall be submitted and approved prior to construction. Allow (10) working days for approval from this office. Drawings shall be signed and sealed by a Florida licensed engineer.
- Poured in Place Concrete:
 - Proposed concrete mix design in accordance with ACI 301 Chapter 3.
 - Detailed shop drawings of reinforcing bars showing number, size, and location.
 - Formwork and shoring drawings as required by the Florida Threshold Law.
- Structural Steel: Detailed shop drawings showing all member sizes, welds, bolts, connection details, layout, etc, as required to fabricate and erect the steel framing.
- Metal Deck: Detailed shop drawings showing layout, type, fastening and all accessory materials.
- Cold Formed Steel: Detailed drawings showing layout, size, gauge, bracing, fastening and all accessory materials.
- Pre-Engineered Metal Stud Trusses: Detailed shop drawings showing layout, bridging, connection details, and all accessory materials. Calculations signed and sealed by a licensed Florida engineer.

EXISTING BUILDING

- The information shown on all the existing construction has been obtained from the best possible methods. The drawings do not show as-built conditions and may differ from the actual construction. The contractor shall verify all information and notify the engineer of any variations.

SITE WORK

- The assumed design soil bearing pressure = 2000 PSF
- A soil investigation has not been completed. A reports investigation will be done for this project, if the results of this report differ from the assumption a change in the footing size may result.
- Notify the engineer if the footing excavation reveals materials or conditions not anticipated in the soil's report.
- A testing laboratory shall be retained to perform all the tests outlined in the soil's report.
- Foundation walls that retain soil shall be braced until floors slabs are in place.

POURED-IN-PLACED CONCRETE

- Codes and Standards:
 - ACI 318 "Building Code Requirements for Reinforced Concrete"
 - ACI 315 "Details and Detailing of Concrete Reinforcement"
 - ACI 301 "Specifications for Structural Concrete for Buildings"
- Concrete is to be normal weight conforming to ASTM C94:
 - Portland Cement - ASTM C150
 - Aggregates (3/4" maximum) - ASTM C33
 - Air entraining - ASTM C260
 - Water Reducing - ASTM C494
 - Water - Potable
 - Slump Range - 3" - 5"
 - Placement Time (Maximum) - 90 minutes from batch time
- Minimum compressive strength after 28 days:
 - Footings, masonry fill, slab-on-grade - 3000 PSI
 - Concrete columns, concrete beams - 4000 PSI
- Reinforcing steel is to be Grade 60 conforming to ASTM A615
 - Minimum lap splice as follows:

BAR SIZE	f' _c	SPLICE LENGTH
#6 & SMALLER	3000 PSI	58 BAR DIAMETERS
#6 & SMALLER	4000 PSI	50 BAR DIAMETERS
#7 & LARGER	3000 PSI	72 BAR DIAMETERS
#7 & LARGER	4000 PSI	63 BAR DIAMETERS

- Bar cover:
Footings - 3"
Beams - 2"
- Provide corner bars which match the horizontal bars at all wall footings and tie beams.
- Welding reinforcing if required shall conform to AWS D1.4.
- Liquid membrane forming chemical compound conforming to ASTM C309.
 - Welded wire fabric - ASTM A185; lap mesh 6" minimum at joints
 - Moisture barrier - 6 mil polyethylene
 - Compressive strength - 3000 PSI

- Install ties, spacers, chairs, etc (per CRSI recommendations) necessary to securely hold reinforcing during concrete placement. Use plastic tips at all exposed surfaces.
- Use internal vibrators to consolidate all concrete.
- Concrete curing options
 - Continuous moisture in accordance with ACI 301.
- Concrete shall be finished per architectural drawings.
- A testing laboratory shall perform the following concrete tests for each 50 cubic yards. Send test results to the architect, structural engineer and General Contractor.
 - Slump test - ASTM C143
 - Four Cylinder strength test - ASTM C39: test one cylinder after 7 days, test two after 28 days and hold one in reserve.
- Coat all forms with a commercial compound that will not bond or adversely affect the concrete.
- Coordinate locations of all openings, embeds and accessories that are required by all trades. No opening or sleeve may be placed in beams or columns unless approved by the engineer.
- Wet setting of anchor bolts, dowels or any embeds is not a permitted.

PRE-ENGINEERED METAL STUD TRUSSES

- Codes and Standards:
 - "The Specifications for the Design of Cold-Formed Steel Structural Members" by AISI
 - "Code for Welding in Building Construction, D1.0" by the AWS
 - 18 gauge and lighter = ASTM A446, Grade A minimum yield strength = 33,000 PSI.
 - 16 gauge and heavier = ASTM A446, Grade D minimum yield strength = 50,000 PSI.
 - Members shall be galvanized finish per ASTM A525 G60.
- Maximum deflection: Live Load = L/360, Total Load = L/240. (U.N.O.)
- Trusses shall be designed with no horizontal reaction.
- Design metal trusses for the loads (LL, DL, WL, SL) shown on the drawings.
- Truss erector is responsible for the temporary bracing of the trusses.
- Truss manufacturer shall clearly show the size and location of all required top and bottom chord bracing.
- (U.N.O.) Contractor shall provide approved hurricane clips and straps to resist the uplift forces shown on the shop drawings.
- Truss manufacturer shall provide all connections, hangers, header beams, etc in order to complete the roof framing.

STRUCTURAL STEEL

- Codes and Standards:
 - AISC "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings", - Latest Edition.
 - Welds shall conform to the American Welding Society, AWS D1.1 using E70 electrodes.
 - Bolts and bolted connections shall conform to "Specifications for Structural Joints Using ASTM A325 or A490 Bolt" Use bearing type bolts with threads across the shear plane.
 - Structural steel shapes, plates, etc. - ASTM A36
 - Steel tubing - ASTM A500 Grade B
 - Steel pipe - ASTM A501
 - Anchor bolts - ASTM A307
 - Column splices - AISC "Structural Steel Detailing" Table A-7 Page 11-1412.

- No splices shall be allowed in any structural steel member unless shown on approved shop drawings.
- Framing connections shall be double angle type (UNO). Design connections for 55% of the total load capacity derived from the uniform load constants table, Part 2 of the ASIC Code.
- Verify the location and size of all floor and roof openings with the appropriate sub-contractor.
- All members except those to be field welded shall receive one coat of shop primer paint. See architectural drawings for preferred color.
- No openings shall be allowed in steel members unless shown on the drawings.
- Openings, copes, and other steel cutting shall have a 1/2" minimum radius.
- All beams shall be fabricated and erected with the natural camber up.
- Welds not designed shall be a fillet weld equal to 1/16" less than the least thick member, all welds shall be cleaned and painted.
- Non-shrink grout (ASTM C 1107) to be 6000 psi (min), non-ferrous and non-corrosive.
- A qualified testing laboratory shall be retained to perform the following tests:
 - Inspect all steel members and connections
 - Test 50% of full penetration welds.

- Send copy of report to the architect, engineer, and contractor.
- Steel stairs shall be designed by a licensed engineer retained by the fabricator for a live load = 100 PSF.

STEEL BAR JOIST AND JOIST GIRDERS

- Codes and Standards:
 - AISC Standard Specifications for Open Web Steel Joists
 - AISC Standard Specifications for Joist Girders
 - The Recommended Code of Standard Practice for Steel Joists and Joist Girder
 - The Steel Joist Institute
- Steel joist manufacturer shall be a member of The Steel Joist Institute.
- See Standard Joist Specifications for camber requirements.
- Verify weight and location of all equipment or unique loads with contractor prior to fabrication of joists.
- Design roof joists and bridging for the net uplift as shown on plans per Standard Joist Institute.
- Joists, girders and accessories shall have one shop coat of paint. See architectural drawings for preferred color.
- Joists shall bear a minimum of 4" on masonry and 2 1/2" on steel (UNO).
- Provide bottom chord ceiling extensions where required by architect.
- The joist bridging shall be properly installed before construction loads are applied.
- Joist design engineer shall be provided with a copy of these documents.

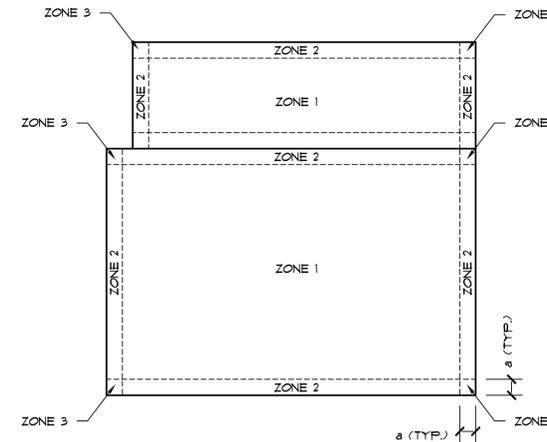
ROOF DECK

- Metal roof deck shall conform to the specifications of The Steel Deck Institute.
- Metal roof deck shall be 1 1/2" deep, 22 gauge, wide rib Type B and galvanized.
- Install all decking (3) span continuous.
- Use weld washers for decking 24 gauge and thinner.
- See plan for fastening requirements, all welds shall be cleaned and painted.

COLD-FORMED STEEL

- Codes and Standards:
 - "The Specifications for the Design of Cold-Formed Steel Structural Members" by AISI
 - "Code for Welding in Building Construction, D1.0" by the AWS
 - 18 gauge and lighter = ASTM A446, Grade A minimum yield strength = 33,000 PSI.
 - 16 gauge and heavier = ASTM A446, Grade D minimum yield strength = 50,000 PSI.
 - Members shall be galvanized finish per ASTM A525 G60.
- Provide manufacturer's recommended standard steel tracks, blocking, lintels, clips, bracing, web stiffeners, screws and accessories as needed to properly complete the framing.
- Bridging shall be provided and installed per manufacturer's recommendations
- Members shall not be spliced.
- Provide members which conform to the following minimum properties.

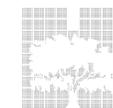
6" 20 GA CEE:	Area = .3370	I _x = 1.7427	S _x = .5234
6" 16 GA CEE:	Area = .548	I _x = 2.803	S _x = .887
4" 20 GA CEE:	Area = .268	I _x = .672	S _x = .298



ROOF UPLIFT PLAN (PSF)

TRIB. AREA (FT ²)	ZONE 1	ZONE 2	ZONE 3
	INTERIOR	PERIMETER	CORNERS
10	212	355	53.4
20	206	31.7	44.3
50	19.9	26.1	32.1
100	19.4	22.9	22.9
500	19.4	22.9	22.9

a = 7 ft.



Andrew W. Johnson, PE
Professional Engineer, No. 69933

REVISED

DRAWN BY AWJ

CHECKED BY AWJ

DATE 5/21/2015

SCALE AS NOTED

FILE 15-1012

SHEET S3.1