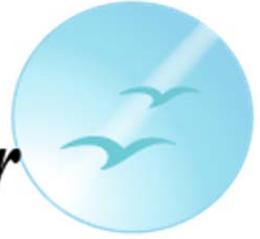


Gulf Coast Health Center



Request for Proposal (RFP)

for

Roofing Services

Closing Date November 14, 2019

PROPOSAL GUIDELINES

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I. GENERAL INFORMATION

A. Purpose and Background Information

This Request for Proposal (RFP) is to contract a professional roofing company.

Gulf Coast Health Center, Inc. is a 501(c) (3) non-profit Federally Qualified Community Health Center. It provides medical, behavior health, vision and dental services to residents of Jefferson, Orange, Newton, Hardin and Jasper Counties.

Gulf Coast Health Center is dedicated to promoting a healthier community by providing quality and affordable Healthcare, Dental, Behavioral Health, and Vision services to the greater Southeast Texas region.

Gulf Coast Health Center is governed by up to 11-member volunteer Board of Directors. Administrative offices are located at 2548 Memorial Blvd., Port Arthur, Texas 77642.

B. Who May Respond

Only qualified companies may respond to this RFP.

C. Instructions on Proposal Submission

1. Closing Submission Date

Proposals must be submitted no later than 12P.M. on November 14, 2019.

2. Inquiries

Inquiries concerning this RFP should be directed to Tim Carter **(409)983-1161** or **GCHCMAIN@gulfcoasthc.org**

3. Conditions of Proposal

All costs incurred in the preparation of a proposal responding to this RFP will be the responsibility of the Offeror and will not be reimbursed by GCHC.

4. Instructions to Prospective Contractors

Your proposal should be addressed as follows:

Marsha Thigpen, Executive Director
Gulf Coast Health Center, Inc.
2548 Memorial Blvd
Port Arthur, Texas 77642

It is important that the Offeror's proposal be submitted in a sealed envelope clearly marked in the lower left-hand corner with the following information:

Request for Proposal

12 P.M. (November 14, 2019)

SEALED PROPOSAL

Failure to do so may result in premature disqualification of your proposal. It is the responsibility of the Offeror to ensure that the proposal is received by GCHC by the date and time specified above. Late proposals will not be considered.

5. Right to Reject

GCHC reserves the right to reject any and all proposals received in response to this RFP. A contract for the accepted proposal will be based upon the factors described in this RFP.

6. Notification of Award

It is expected that a decision selecting the successful company will be made within two (2) weeks of the closing date for the receipt of proposals. Upon conclusion of final negotiations with the successful firm, all Offerors submitting proposals in response to this Request for Proposal will be informed, in writing, of the name of the successful firm.

7. Terms of Service

GCHC expects to utilize the selected company for the duration the roofing project and upon satisfactory completion of services to specifications.

8. Termination of Services

GCHC reserves the right to terminate any part of or the entirety of services that may result from this request, without cause and at any time, within seven (7) calendar day's written notice. In such case, the Offeror/Contractor shall be paid for services rendered through the date of the termination notice, and the result of all such work (including all documents and files) through that date shall become the property of GCHC. The contract shall be non-exclusive for the sole convenience of GCHC.

9. Conflict of Interest

Information of possible conflicts of interest should be provided as part of the qualification response. Such information will be taken into account in making a decision on the selection of the offeror/contractor. Should a conflict arise during preparation for or while undertaking these services, the offeror/contractor shall immediately advise GCHC of such conflict.

II. SCOPE OF SERVICES

The roofing company to be contracted by GCHC will be expected to provide the following services:

1. Replace the roof at 2548 Memorial Blvd., Bldg. 1 with membrane and metal. (Attachment A)
2. Replace the roof at 2548 Memorial Blvd., Building 2 with single ply membrane. (Attachment B)
3. Replace the roof at 2548 Memorial Blvd., Building 3 with single ply membrane. (Attachment C)
4. Complete roof repairs and mitigation. (Attachment D and Attachment E)

III. OFFEROR'S TECHNICAL QUALIFICATIONS

The Offeror, in its proposal, shall, as a minimum, include the information requested herein:

A. Prior Experience

- Describe the expertise your firm has in providing roofing services to an organization similar to ours.
- Describe experience in dealing with community agencies and/or non-profit organizations related to roofing services.
- Provide three (3) client references, including the local area. Preferably, references should be organization of similar size, complexity, and magnitude to GCHC. Please include information (name, phone number, and email address) of the primary contact.

B. Qualifications

- Provide a narrative stating the reasons why your company should be awarded this contract.

C. Certifications

The Offeror/Contractor must sign and include as an attachment to its proposal the Certifications enclosed with this RFP.

IV. PROPOSAL EVALUATION

A. Submission of Proposals

All proposals shall include one copy of the Offeror's/Contractor's proposal and one copy of the signed Certifications. These documents will become part of the contract.

B. Nonresponsive Proposals

Proposals may be judged nonresponsive and removed from further consideration if any of the following occur:

1. The proposal is not received timely in accordance with the terms of this RFP.
2. The proposal does not follow the specified format.
3. The proposal does not include the Certifications.

C. Evaluation

In evaluating submissions, GCHC shall consider several factors, including but not limited to:

- Qualifications and experience.
- Experience with organizations of similar complexity including community health centers, health care facilities and/or non-profit organizations.
- Commitment to service.
- References (including current customer satisfaction with services).
- Estimated completion date.

D. Review Process

GCHC reserves the right to enter into a contract without further discussion of the proposals submitted. Therefore, proposals should be submitted initially on the most favorable terms, from both technical and price standpoints, which the Offeror can propose. GCHC contemplates award of the contract to the responsible Offeror/Contractor that meets the above listed criteria.

CERTIFICATIONS

On behalf of the Offeror/Contractor:

1. The individual signing certifies that he/she is authorized to contract on behalf of the legal entity.
2. The individual signing certifies that the legal entity is not involved in any agreement to pay money or other considerations for the execution of this agreement, other than to an employee of the legal entity.
3. The individual signing certifies that the prices in this proposal, bid, or quote have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition.
4. The individual signing certifies that the prices quoted in this proposal/bid/quote have not been knowingly disclosed by the legal entity prior to an award to any other or potential legal entity submitting a proposal, bid, or quote.
5. The individual signing certifies that there has been no attempt by the legal entity to discourage any other or potential legal entity from submitting a proposal, bid, or quote.
6. The individual signing certifies that the legal entity is a properly licensed to do business in Texas.
7. The individual signing certifies that he/she has received, read, and understands all of the information for the proposal, bid, or quote, including the standard terms and conditions, which will become part of the contract .
8. The individual signing certifies that the legal entity, and any individuals to be assigned by the legal entity, does not have a record of substandard work and has not been debarred or suspended from doing work with any federal, state, or local government.
9. The individual signing certifies that the prices submitted in the proposal, bid, or quote are INCLUSIVE of all applicable charges such as but not limited to shipping, handling, and taxes.

Dated this _____ day of _____, 20_____.

_____ (Offeror's/Contractor's Firm Name)

_____ (Signature of Offeror's/Contractor's

Representative)

_____ (Printed Name and Title of Individual Signing)

**Standard Contract Terms, Conditions &Provisions
(PLEASE SIGN AND ATTACH TO THE PROPOSAL/BID/QUOTE)**

Relationship of Parties: It is understood by the parties that the Offeror/Contractor is an independent entity with respect to GCHC, and not an employee of GCHC. GCHC will not provide fringe benefits, including health insurance, paid vacation, or any other employee benefit, for the benefit of the Contractor or the Contractor's employees.

Notices: All notices required or permitted under this Agreement shall be in writing and shall be deemed delivered when delivered in person, deposited in the United States mail, postage prepaid or email sent with date stamp.

Entire Agreement: The Agreement, with this attachment, contains the entire agreement of the parties and there are no other promises or conditions in any other agreement whether oral or written. This Agreement and these Terms and Conditions supersede any prior written or oral agreements between the parties.

Amendment: The Agreement may be modified or amended if the amendment is made in writing and is signed by both parties.

Change Orders: No Change Orders will be acceptable unless written approval is given by GCHC prior to the work being performed. Any pricing quoted in the Contractor's proposal should be a "Not to exceed" price and strictly adhered to, unless a Change Order is instigated by a request from GCHC.

Nonfederal Match: The Contractor for services rendered may elect to contribute as an in-kind donation the difference between the Contractor's normal and customary fees/services and the fees and/or services charged to GCHC by virtue of the GCHC being a non-profit organization.

Severability: If any provision of this Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable.

Indemnity: THE CONTRACTOR IS ACKNOWLEDGED AS AN INDEPENDENT CONTRACTOR OF GCHC AND AS SUCH WILL INDEMNIFY AND HOLD HARMLESS GCHC FOR ANY AND ALL LOSS, EXPENSE, AND/OR CLAIMS ASSOCIATED WITH OR ARISING OUT OF SUCH INJURY OR DAMAGE DUE TO THE ACTIVITIES OR FROM ANY ACT OR OMISSION OF THE CONTRACTOR, ITS BOARD MEMBERS (IF APPLICABLE), EMPLOYEES, REPRESENTATIVES, FAMILY MEMBERS, INVITEE, AND VOLUNTEERS).

Insurance. The contractor shall acquire and carry throughout the contract term any applicable insurance, including workers comprehensive or employee accident insurance if the contractor has employees. At a minimum the contractor shall secure liability/professional insurance if there are no employees or sub-contractors. Proof of insurance shall be furnished by the Contractor prior to the first day of work.

Right of Access to Contractor Records: GCHC, the awarding agency, or any of their duly authorized representatives shall have access to any books, documents, papers, and records of the Contractor

for the purpose of making audits, examinations, excerpts, and transcripts. Records shall be maintained for at least three years from the termination date of the agreement.

Waiver of Contractual Right: The failure of either party to enforce any provision of the Agreement shall not be construed as a waiver or limitation of that party's right to subsequently enforce and compel strict compliance with every provision of this Agreement.

Applicable Law: This Agreement shall be governed by the laws of the State of Texas unless superseded by federal law.

Equal Opportunity. During the performance of this contract, the CONTRACTOR agrees to follow:

1. The CONTRACTOR shall not discriminate against any employee or applicant for employment because of race, color, age, religion, disability, political belief, sex, or national origin. The CONTRACTOR shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, age, religion, disability, political belief, sex, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be prepared by the Contracting Officer setting forth the provisions of this Equal Opportunity clause.

2. The OFFEROR/CONTRACTOR shall, in all solicitation or advertisements for employees placed by or on behalf of the OFFEROR/CONTRACTOR, state that all qualified applicants shall receive consideration for employment without regard to race, color, religion, sex, or national origin, or political belief.

Additional Provision:

Immigration Reform and Control Act.-

- Requires employers to attest to their employees' immigration status
- Makes it illegal to knowingly hire or recruit unauthorized Immigrants.

ADDITIONAL CERTIFICATIONS: By signing the Offeror/Contractor agrees to and certifies, if applicable, that:

1) The OFFEROR/CONTRACTOR shall be in compliance with the Copeland Act, 18 U.S.C. 874, as supplemented by Department of Labor regulations, 29 CFR part 3, providing that each contractor and sub-recipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the AGENCY.

2) The OFFEROR/CONTRACTOR shall take action to insure that all work is performed in accordance with OSHA guidelines and OSHA required record keeping and training is current and ongoing.

3) If this contract requires renovation or construction to include landscaping or other maintenance, then the OFFEROR/CONTRACTOR shall, if on-site costs exceed \$2,000.00, comply with the Davis-

Bacon Act and pay employees the rate of pay in accordance with Department of Labor “prevailing wages” schedule and supply the Agency with the DOL required certification forms and payroll records. (See Exhibit A for details on requirements)

4) The OFFEROR/CONTRACTOR shall be in compliance with the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.) Violations shall be reported to the HHS and the appropriate Regional Office of the Environmental Protection Agency.

5) The OFFEROR/CONTRACTOR shall to the best of its knowledge or belief, not be currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any federal or state agency, and are not currently or previously been indicted or convicted either civilly or criminally by a governmental entity (local, state or federal) for violations of procurement, consumer, and/or felony statutes. The Contractor is not listed in the General Services Administration’s List of Parties Excluded from Federal Procurement or Nonprocurement Programs

6) The OFFEROR/CONTRACTOR shall not and will not use Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. 1352.

7) The OFFEROR/CONTRACTOR shall include the provisions of paragraphs (1) through (7) in every subcontract or purchase order (over \$100,000) unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order No. 11246 of September 24, 1965, as amended by Executive Order No. 11375 of October 13, 1967, so that such provisions shall be binding upon each subcontractor or vendor.

In the event of the OFFEROR’S/CONTRACTOR’S noncompliance with the above terms, conditions, and certifications or with any state or federal rules, regulations, or orders, this agreement may be canceled, terminated, or suspended, in whole or in part, and the CONTRACTOR may be declared ineligible for further contracts. No other terms and conditions may take precedence without the written permission of GCHC.

I have read the above and agree to abide by these terms and conditions. I further, by my signature, certify that I am an authorized representative of the CONTRACTOR with authority to obligate such to comply with the above.

Executed this ____ day of _____, 20__

By:
Contractor _____ Date _____
Company _____

By:
_____ Date _____
Executive Director, Gulf Coast Health Center, Inc.

Davis-Bacon Act Contract Provisions

The Davis Bacon Act (DBA) shall apply to contracts in excess of \$2,000 for the construction, alteration, or repair (including painting, decorating, replacement of doors/windows, landscaping, playground installation and other similar work) of facilities/buildings.

The Contractor needs to comply with the following DBA requirements:

- (1) Laborers and mechanics employed on a project funded by a Federal grant must be paid the minimum prevailing wage for that area in which the work is being done including bona fide fringe benefits. The Davis-Bacon wage determinations are published on and can be obtained from the Wage Determinations On Line (WDOL) website.
- (2) Apprentices or trainees may be paid at less than the prevailing wage rates only when the apprenticeship program are registered with or with a state apprenticeship agency recognized by the Department of Labor.
- (3) Post the applicable Davis-Bacon wage determination with the Davis-Bacon poster (WH-1321) on the job site in a prominent and accessible place where they can be easily seen by the workers.
- (4) Pay must be done on a weekly basis
- (5) A Certified Payroll available on the DOL website (<https://www.dol.gov/whd/forms/wh347.pdf>) must be completed and submitted on a weekly basis (Form WH-347) to ESP's designated project manager.

Following are the typical violations of the DBA provisions:

1. Misclassification of laborers and mechanics
2. Failure to pay full prevailing wage, including fringe benefits, for all hours worked (including overtime hours).
3. Inadequate recordkeeping, such as not counting all hours worked or not recording hours worked by an individual in two or more classifications during a day.
4. Failure of to maintain a copy of bona fide apprenticeship program and individual registration documents for apprentices.
5. Failure to submit certified payrolls weekly.
6. Failure to post the Davis-Bacon poster and applicable wage determination.

Failure to comply with the DBA provisions will result to contract payments withheld in sufficient amounts to satisfy liabilities for underpayment of wages and for liquidated damages for overtime violations under the Contract Work Hours and Safety Standards Act (CWHSSA).

In addition, violations of the Davis-Bacon contract clauses are grounds for contract termination, contractor liability for any resulting costs to the federal government and debarment from future contracts.

GULF COAST HEALTH CENTER
BUILDING REPAIRS
PORT ARTHUR, TEXAS

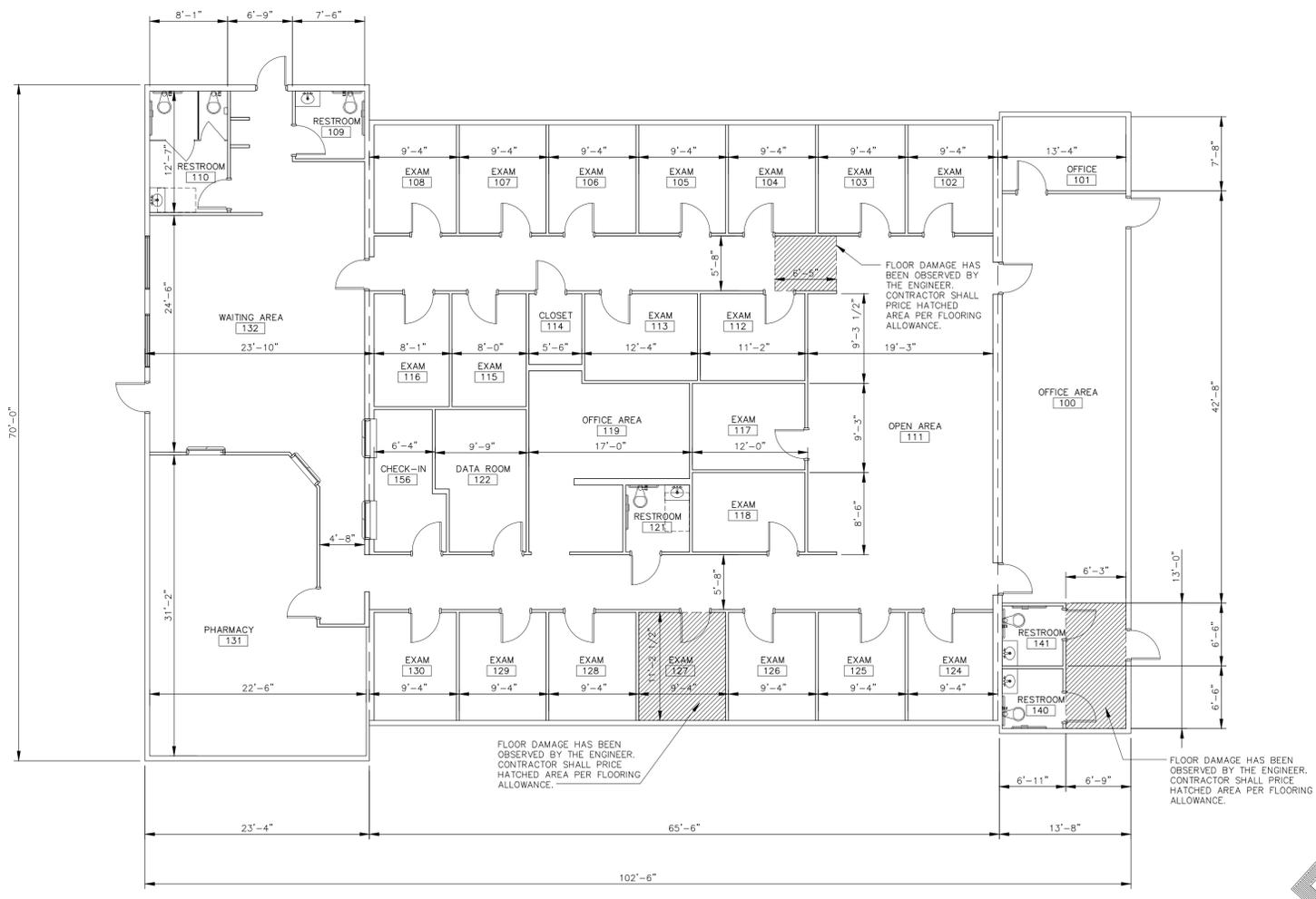
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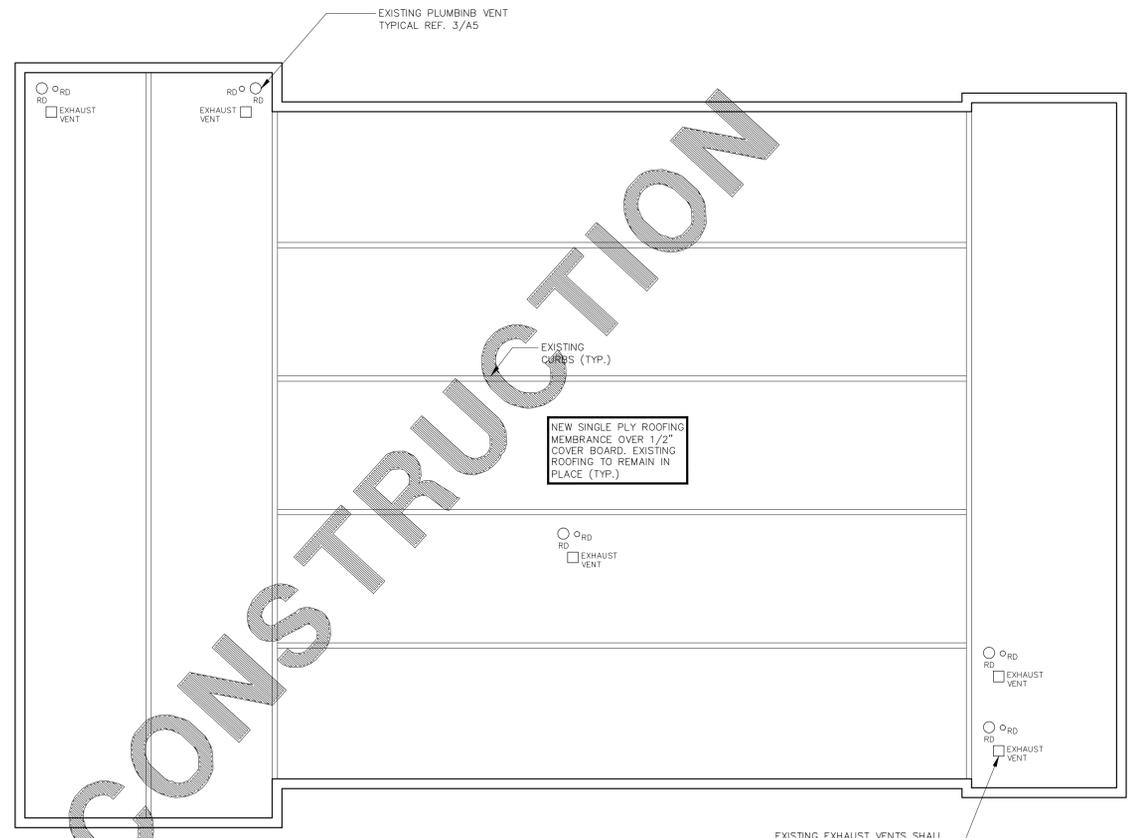
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01/04/19
REVIEW
01/17/19

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OF SHEETS
18-343
PROJECT NO.



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

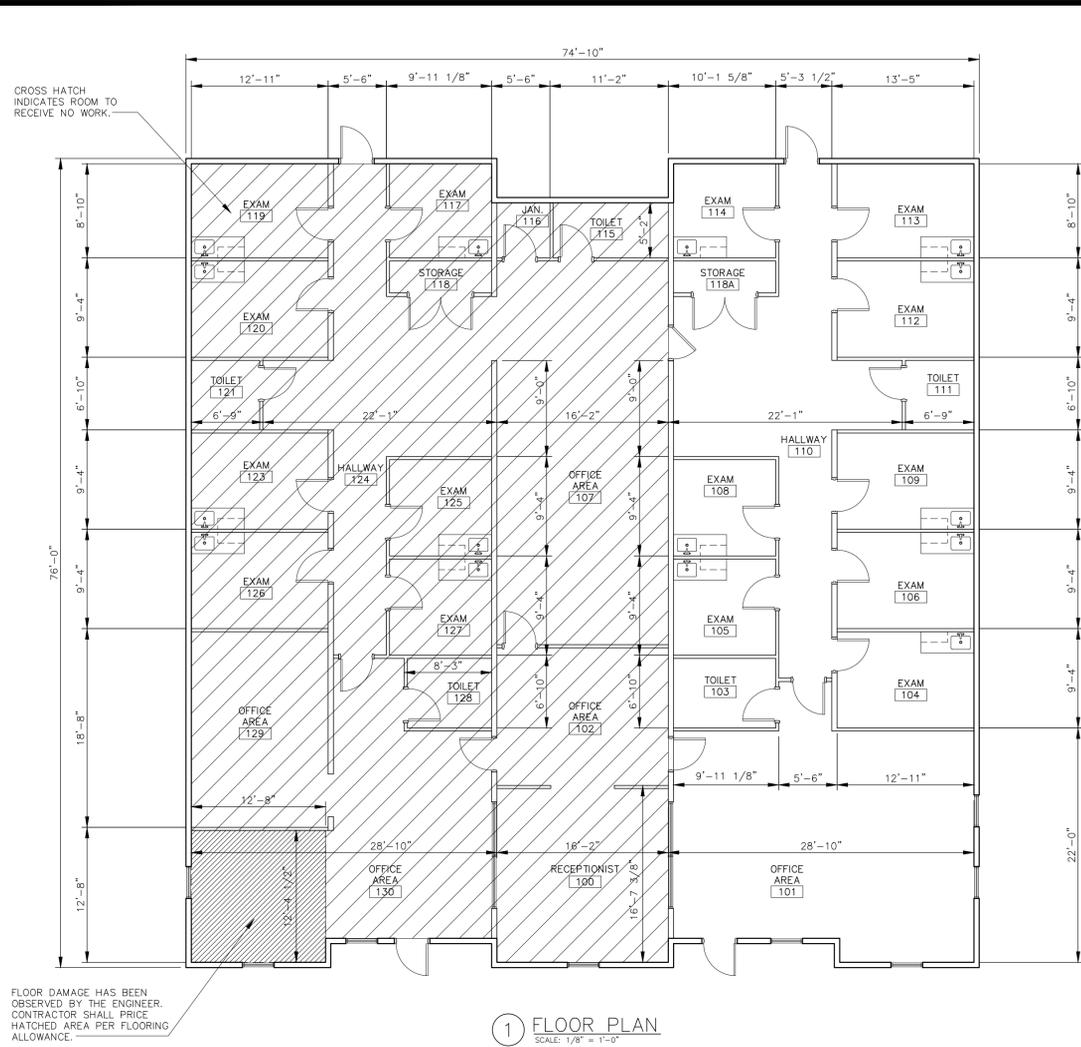


2 ROOF PLAN
SCALE: 1/8" = 1'-0"

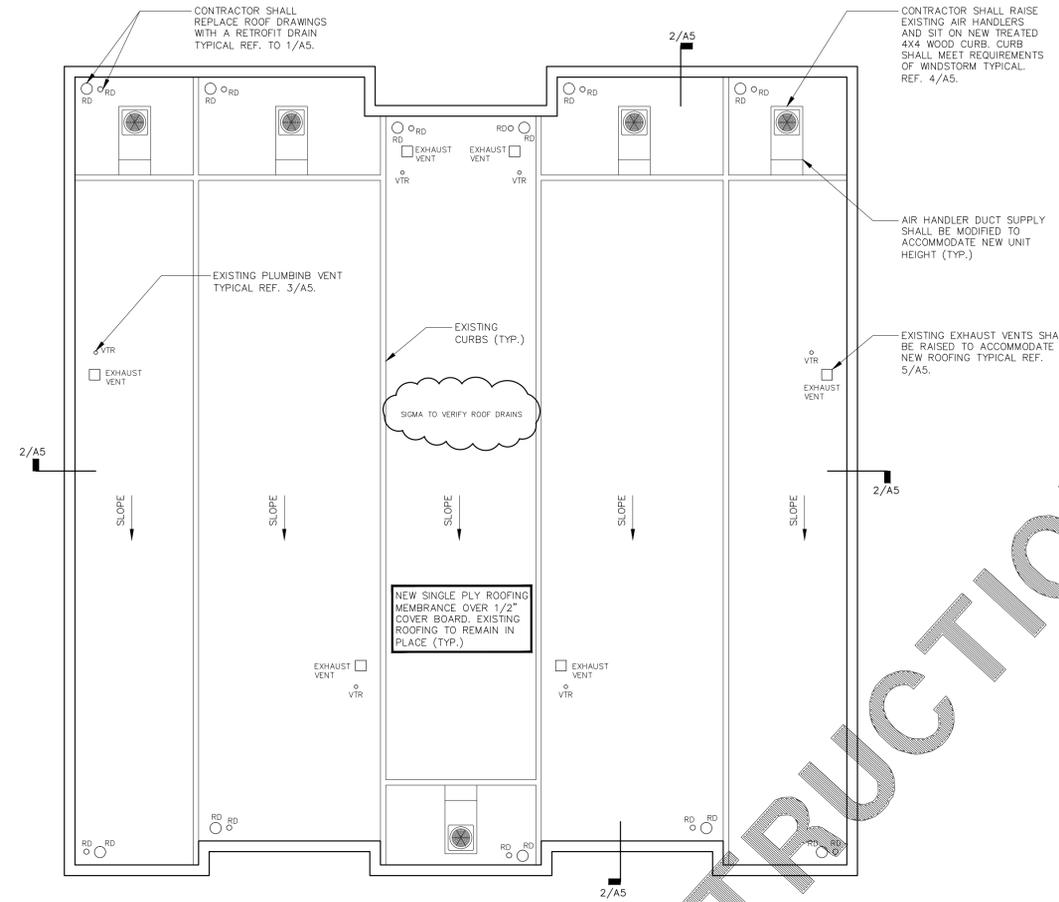
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ATTACHMENT C



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



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

SAFETY

1. SAFETY SHALL BE OF THE UTMOST IMPORTANCE. CONTRACTOR AND ALL SUB-CONTRACTORS SHALL STRICTLY ADHERE TO ALL APPLICABLE OSHA CODES AND REGULATIONS BEFORE COMMENCING ANY WORK. CONTRACTOR SHALL MAKE NOTE OF ANY SAFETY CONCERNS FOR THIS PROJECT OR AREAS OUTSIDE THE SCOPE OF THIS PROJECT AND SUBMIT TO OWNER PRIOR TO START OF WORK. CONTRACTOR SHALL SUBMIT A COMPREHENSIVE FALL PROTECTION SYSTEM IN STRICT ACCORDANCE WITH OSHA AND LOCATION CODES.
2. CONTRACTOR SHALL SUBMIT A SAFETY PROGRAM INCLUDING FALL PROTECTION PRIOR TO START OF WORK.
3. THE EXISTING BUILDING IS CURRENTLY OCCUPIED AND CONTRACTOR SHALL PERFORM WORK WITH CONSIDERATION TO MINIMIZE ANY DISRUPTION TO THE OWNER'S OPERATION. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO ANY AREAS OF THE ROOF THAT ARE OPENED UP AND SHALL PROVIDE FOR APPROPRIATE PROTECTION IN THE EVENT OF RAINFALL.

ROOFING NOTES:

1. CONTRACTOR SHALL CONSTRUCT NEW FLEXIBLE LIFELINE FALL ARREST SYSTEM ON THE ROOF IN ACCORDANCE WITH OSHA STANDARDS. CONTRACTOR SHALL SUBMIT TO THE DEVELOPER FOR APPROVAL A CERTIFIED DESIGN, SEALED BY A STRUCTURAL ENGINEER, WHOM IS REGISTERED WITH THE STATE OF TEXAS.
2. CONTRACTOR SHALL INSTALL RECOVER BOARD OVER THE EXISTING ROOF AND INSTALL NEW SINGLE PLY ROOFING MEMBRANE AS MANUFACTURED BY IB ROOFING OR APPROVED EQUAL.
3. CONTRACTOR AND ROOFING MANUFACTURER SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL INCLUDING ENGINEERING OF THE FASTENERS TO MEET THE WIND LOADING. ROOF DETAILS ARE SHOWN AS MINIMUM GUIDELINES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION.
4. ROOFING CONTRACTOR SHALL BE EXPERIENCED AND QUALIFIED TO INSTALL ROOFING OF THE TYPE, SIZE, AND COMPLEXITY INDICATED ON THE CONSTRUCTION DOCUMENTS.
5. CONTRACTOR SHALL COMPLY WITH ALL MANUFACTURER STANDARD DETAILS FOR THE TYPE AND THE SIZE OF THE ROOF REGARDLESS IF THEY ARE SHOWN OR NOT ON THE DRAWINGS.
6. ROOFING MANUFACTURER TO SUBMIT THE REQUIRED FASTENERS, TYPE AND SPACING FOR ALL SECTIONS OF THE ROOF FOR APPROVAL.
7. ALL SHEET METAL AND THEIR FASTENERS SHALL BE DESIGNED BY THE MANUFACTURER AND SUBMITTED FOR APPROVAL.
8. CONTRACTOR SHALL PROVIDE GUARANTEE OF ITS ROOF DESIGN FOR 120 M.P.H. WIND SPEED.
9. ROOFING SHALL BE U.L. RATED.
10. CONTRACTOR SHALL FOLLOW REQUIREMENTS OF IB ROOFING IN ITS ENTIRETY REGARDLESS OF SHOWN DETAILS OR LACK OF.
11. ROOF DESIGN SHALL COMPLY WITH WINDSTORM REQUIREMENTS.
12. NEW SINGLE PLY MEMBRANE ROOFING SYSTEM INSTALLED PER MANUFACTURER'S SPECIFICATIONS TO PROVIDE 20 YEAR MATERIAL AND LABOR WARRANTY. REFERENCE TYPICAL ROOFING DETAILS ON THIS SHEET.

WINDSTORM

THE CONTRACTOR SHALL COORDINATE ALL INSPECTIONS WITH THE ENGINEER. NO WORK SHALL BE COVERED PRIOR TO A REQUESTED INSPECTION AND COVER UP CAN ONLY PROCEED AFTER AUTHORIZATION FROM SIGMA ENGINEERS INC. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH WINDSTORM INSPECTIONS.

FLOOR DAMAGE HAS BEEN OBSERVED BY THE ENGINEER. CONTRACTOR SHALL PRICE HATCHED AREA PER FLOORING ALLOWANCE.

ROOM FINISH NOTES

FLOOR	F1. SHEET VINYL
BASE	B1. 4" COVE TOE RUBBER BASE.
WALLS	W1. CONTRACTOR SHALL INSTALL 4'-0"± 5/8" GYPSUM BOARD WITH "ORANGE PEEL" TEXTURE (PAINT WITH SEMI-GLOSS ENAMEL). PROVIDE CHAIR RAIL TO COVER TRANSITION OF NEW AND EXISTING GYPSUM BOARD. REF. X/XX FOR DETAILS.

FINISH MATERIAL SCHEDULE

ROOM NUMBERS	ROOM NAMES	FLOOR	BASE	WALLS				CEILING
				NORTH	SOUTH	EAST	WEST	
101	OFFICE AREA	F1	B1	W1	W1	W1	W1	
103	TOILET	F1	B1	W1	W1	W1	W1	
104	EXAM	F1	B1	W1	W1	W1	W1	
105	EXAM	F1	B1	W1	W1	W1	W1	
106	EXAM	F1	B1	W1	W1	W1	W1	
108	EXAM	F1	B1	W1	W1	W1	W1	
109	EXAM	F1	B1	W1	W1	W1	W1	
110	HALLWAY	F1	B1	W1	W1	W1	W1	
111	TOILET	F1	B1	W1	W1	W1	W1	
112	EXAM	F1	B1	W1	W1	W1	W1	
113	EXAM	F1	B1	W1	W1	W1	W1	
114	EXAM	F1	B1	W1	W1	W1	W1	
118A	STORAGE	F1	B1	W1	W1	W1	W1	

SIGMA ENGINEERS
Innovative Solutions | Solid Designs
4099 Calder Avenue
Beaumont, Texas 77706
Phone (409) 898-1001
Fax (409) 898-3420
sigmaengineers.com

GULF COAST HEALTH CENTER
BUILDING REPAIRS
PORT ARTHUR, TEXAS

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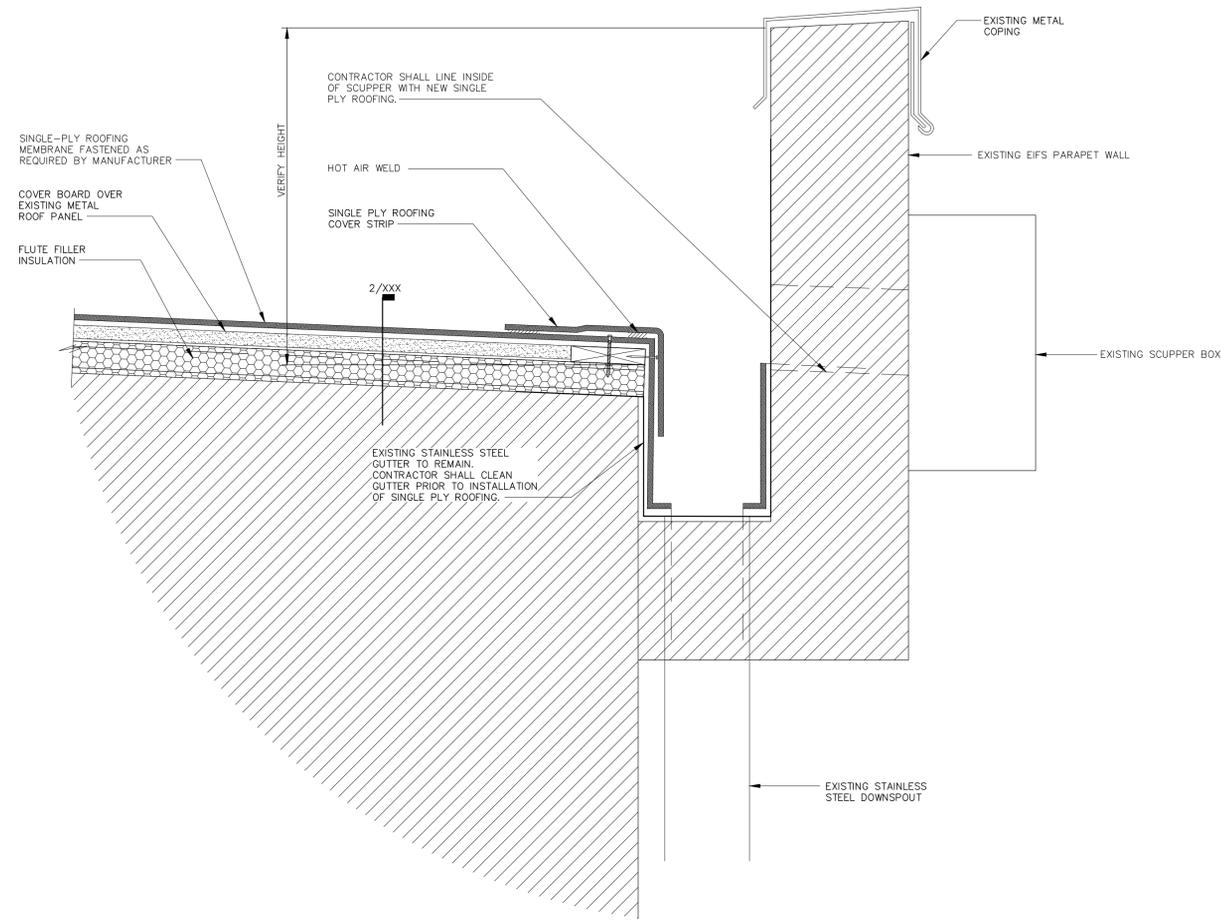
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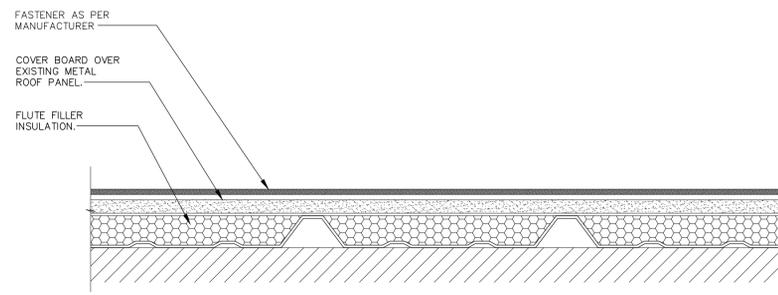
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NOT FOR CONSTRUCTION



8 TYPICAL ROOF DETAIL AT GUTTER/SCUPPER
SCALE: 3" = 1'-0"



9 TYPICAL ROOF DETAIL
SCALE: 3" = 1'-0"

NOT FOR CONSTRUCTION



SIGMAENGINEERS
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Fax (409) 898-3420
sigmaengineers.com

GULF COAST HEALTH CENTER
BUILDING REPAIRS
PORT ARTHUR, TEXAS

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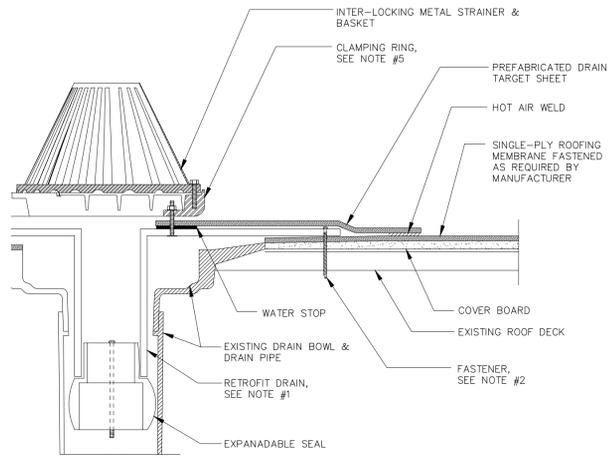
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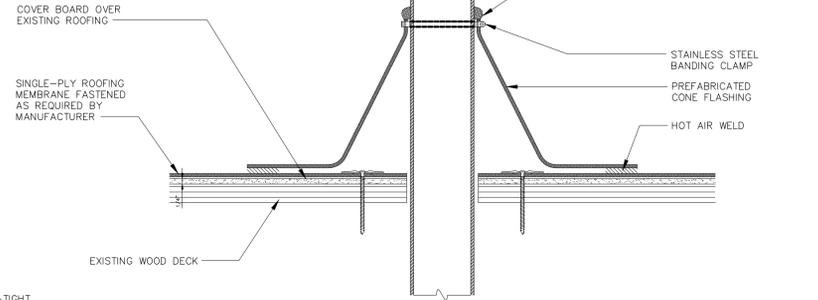
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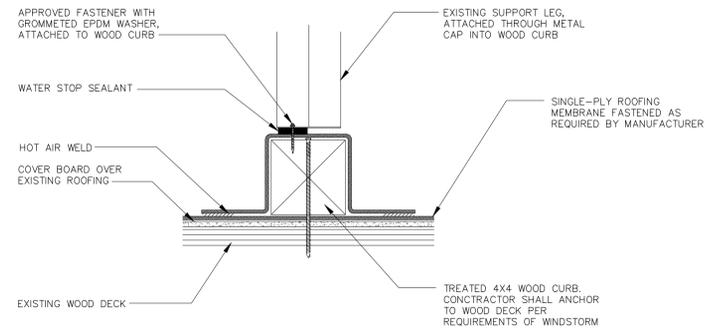
ATTACHMENT E



- NOTES:
- INSTALLATION OF EXPANDABLE SEAL REQUIRES USE OF A PRO-SEAL SCREWDRIVER TO CREATE A WATER-TIGHT CONNECTION TO EXISTING PREPARED DRAIN PIPE. 2" MODEL DRAINS ARE SUPPLIED WITH ALTERNATE EXPANDABLE FOAM COMPRESSION SEAL. REMOVE SEAL RETENTION TAPE PRIOR TO INSTALLATION.
 - FASTEN DRAIN FLANGE 12" O.C. WITH MINIMUM OF 4 FASTENERS PER DRAIN USING IB FASTENERS.
 - MEMBRANE DRAIN LINERS ARE NOT ELIGIBLE FOR AN IB TOTAL ROOF SYSTEMS WARRANTY.
 - RE-ROOF APPLICATIONS: REMOVE EXISTING LEAD, FLASHING MATERIAL & ENSURE THE DRAIN PIPE IS COMPLETELY CLEAN AND FREE OF ASPHALT OR OTHER CONTAMINANTS.
 - INSPECT CLAMPING RING AND BOLTS UPON INSTALLATION TO ENSURE UNIFORM COMPRESSION AND A WATERTIGHT SEAL IS PRESENT BETWEEN THE DRAIN FLANGE AND TARGET SHEET.
 - OVERFLOW DRAIN INSTALLATION REQUIRES USE OF ALTERNATE 2-INCH, NO-CUT OUT OVERFLOW CLAMPING RING.



- NOTES:
- FASTENERS & MEMBRANE PLATES INSTALLED 6" O.C. WITH A MINIMUM OF 3 FASTENERS FOR PIPES LESS THAN 12" IN DIAMETER (12" O.C. WITH MINIMUM OF 4 FASTENERS FOR PIPES GREATER THAN 12" DIAMETER).
 - SEALANTS AND CAULKING REQUIRE PERIODIC OWNER MAINTENANCE.
 - ROOF PENETRATIONS EXCEEDING 120FT, REFER TO THE MANUFACTURERS HOT PIPE FLASHING DETAIL.
 - CLEAN PENETRATION PRIOR TO FLASHING TO REMOVE ALL BITUMINOUS RESIDUE OR CONTAMINANTS.

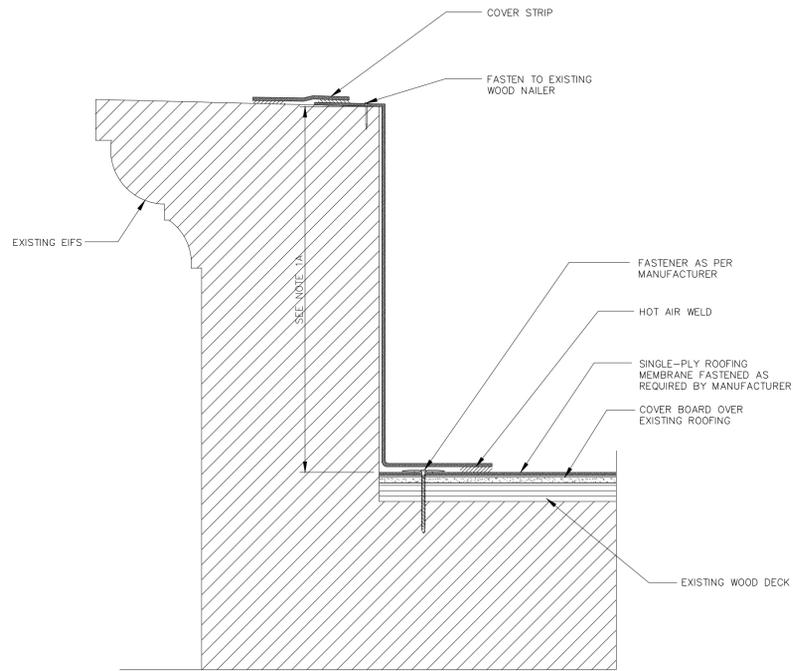


- NOTES:
- THE ABOVE DETAIL CAN BE USED FOR LIGHTWEIGHT EQUIPMENT OR DUCT SUPPORTS. INSTALL ADDITIONAL BLOCKING BELOW MEMBRANE WHERE NEEDED TO SUPPORT EXPECTED LOADS.
 - SECURE FLASHINGS AND METAL WORK IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND FLASHING SECUREMENT TABLE.
 - SEALANTS AND CAULKING REQUIRE PERIODIC OWNER MAINTENANCE.
- APPROVED SUBSTRATE / SEPARATION:
- NEW CONSTRUCTION - FULLY ADHERED AND MECHANICALLY ATTACHED
- 1/2" PLYWOOD, 7/16" OSB, 1/2" APPROVED GYPSUM COVER BOARD, POURED / PRECAST CONCRETE, OR CEMENT BLOCK / MASONRY WALLS
 - MECHANICALLY ATTACHED RECOVER OVER APPROVED EXISTING WALL AND BASE FLASHINGS
 - FULL SEPARATION REQUIRED WITH MINIMUM 1/2" PLYWOOD, 1/4" APPROVED GYPSUM COVER BOARD, 7/16" OSB, OR APPROVED IB SEPARATION SHEET
 - FULLY ADHERED RECOVER OVER APPROVED EXISTING WALL AND BASE FLASHINGS
 - FULL SEPARATION REQUIRED WITH MINIMUM 1/2" PLYWOOD, 1/4" APPROVED GYPSUM COVER BOARD, OR 7/16" OSB

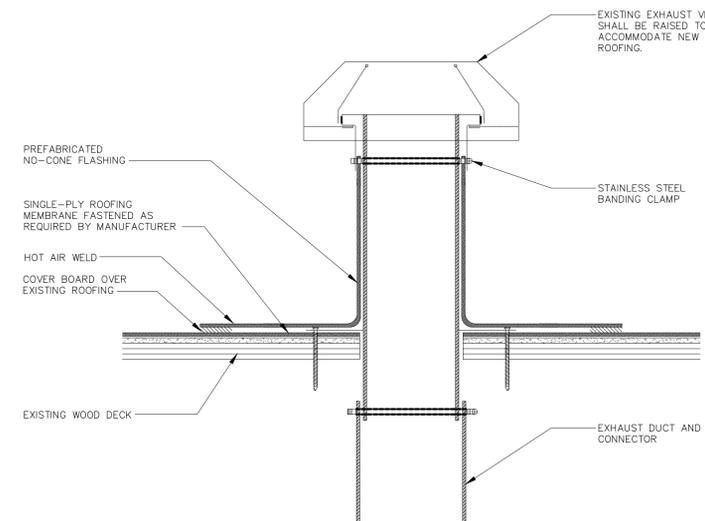
1 TYPICAL RETROFIT ROOF DRAIN DETAIL
SCALE: 3" = 1'-0"

3 TYPICAL PIPE FLASHING DETAIL
SCALE: 3" = 1'-0"

4 TYPICAL EQUIPMENT CURB DETAIL
SCALE: 3" = 1'-0"

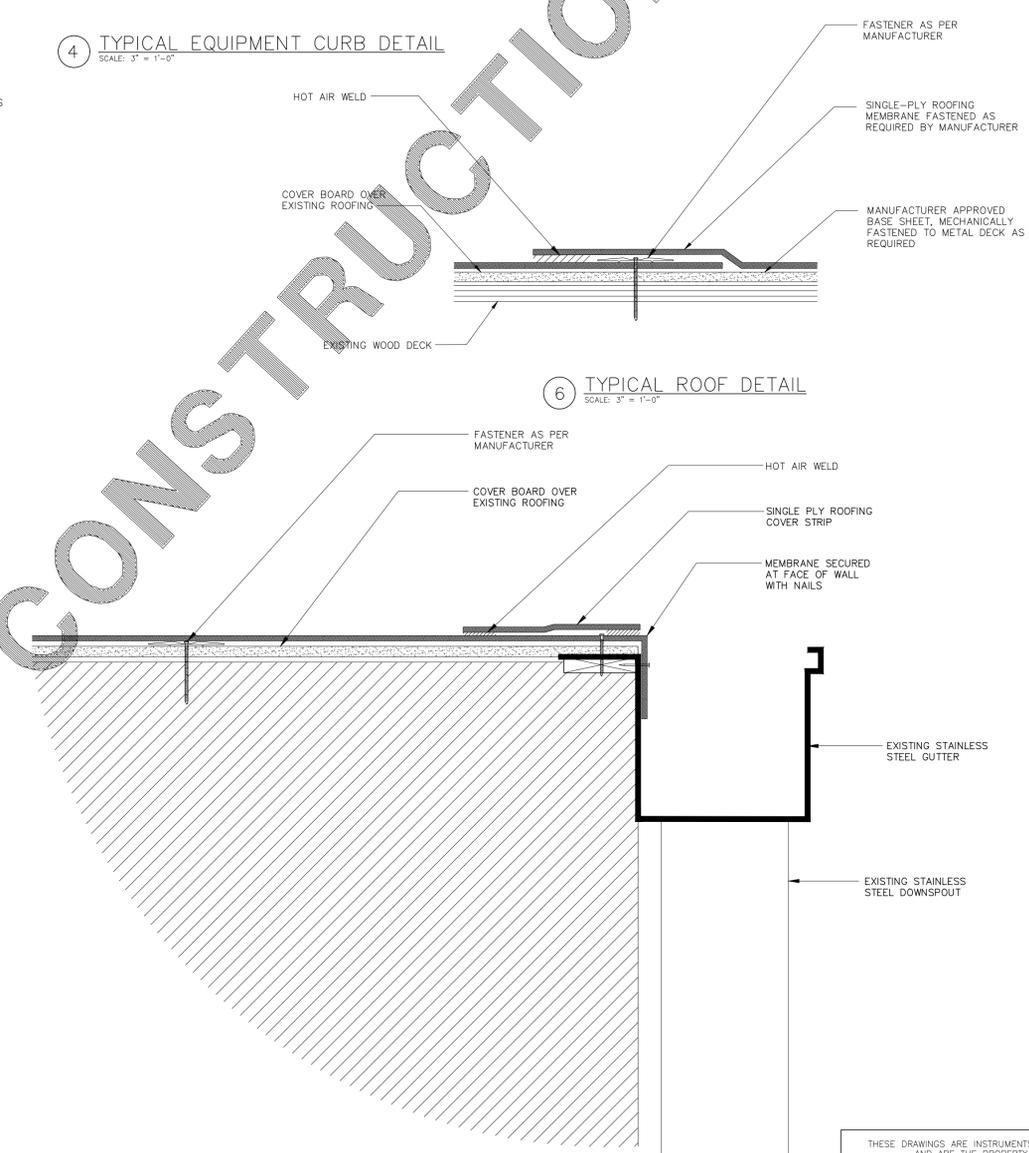


2 PARPET WALL DETAIL
SCALE: 3" = 1'-0"



- NOTES:
- MINIMUM OF 4 FASTENERS PER PIPE FLANGE.
 - FOR BATHROOM / MECHANICAL VENT APPLICATION: INSTALL BOTH INSECT SCREENS PRIOR TO INSTALLING VENT.
 - SEALANTS AND CAULKING REQUIRE PERIODIC OWNER MAINTENANCE.

5 EXHAUST VENT DETAIL
SCALE: 3" = 1'-0"



7 TYPICAL ROOF DETAIL AT GUTTER
SCALE: 3" = 1'-0"

- NOTES:
- SINGLE COURSE WALL FLASHING MAXIMUM HEIGHTS:
 - A. 18" FOR MECHANICALLY ATTACHED FLASHINGS OR 60" FOR FULLY ADHERED FLASHINGS
 - B. FOR WALLS EXCEEDING MAXIMUM HEIGHTS, REFER TO MECHANICALLY ATTACHED OR ADHERED TALL WALL DETAILS.
 - ADHERED WALLS: INSTALL MEMBRANE IN VERTIBOND ADHESIVE, ADDING NOMINAL RATE OF 1 GAL. PER 60 SQ. FT. NET INSTALLED COVERAGE (50% TO SUBSTRATE, ALLOW TO DRY WITH REMAINING 50% TO BACK OF SHEET, INSTALL WHILE TACKY)
 - SECURE FLASHINGS AND METAL WORK IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND FLASHING SECUREMENT TABLE.
- APPROVED SUBSTRATE / SEPARATION:
- NEW CONSTRUCTION - FULLY ADHERED AND MECHANICALLY ATTACHED
- 1/2" PLYWOOD, 7/16" OSB, 1/2" APPROVED GYPSUM COVER BOARD, POURED / PRECAST CONCRETE, OR CEMENT BLOCK / MASONRY WALLS
 - MECHANICALLY ATTACHED RECOVER OVER APPROVED EXISTING WALL AND BASE FLASHINGS
 - FULL SEPARATION REQUIRED WITH MINIMUM 1/2" PLYWOOD, 1/4" APPROVED GYPSUM COVER BOARD, 7/16" OSB, OR APPROVED MANUFACTURERS SEPARATION SHEET
 - FULLY ADHERED RECOVER OVER APPROVED EXISTING WALL AND BASE FLASHINGS
 - FULL SEPARATION REQUIRED WITH MINIMUM 1/2" PLYWOOD, 1/4" APPROVED GYPSUM COVER BOARD, OR 7/16" OSB

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