

ADDENDUM NO. 02

Dated May 23, 2025

1. GENERAL

This document includes requirements that clarify or supersede portions of the bid and/or contract requirements for the project. This Addendum is a Contract Document.

2. SUMMARY

The following changes, additions and deletions shall be made to the following document(s) as noted in **RED**; all other conditions shall remain the same.

Changes to Division 00 41 13 Bid Form

1. Replace Document 00 41 13 Bid Form and Proposal section in its entirety.

Changes to Division 01 21 00 Allowance

1. Replace Document 01 21 00 Allowance section in its entirety.

Changes to Drawings

1. Replace all drawings with Addendum No. 02 drawings provided with Addendum No.02.

Changes to Specifications

1. Add Section 077233 Roof Hatch
2. Add Section 077234 Roof Hatch Rail System

Q&A

1. Question: Is there an construction timeline (start/end dates) for this work? I do see 90 days, looking for specifics.

Answer: Work shall commence after Board approval and after execution of the Agreement. Contract Time shall not exceed 90 calendar days.

2. For the Builders Risk, what is the year built of the OLDEST building being worked on in this package?

Answer: Buildings were constructed in 1976.

3. Is there a hazmat report available to view (Asbestos, Lead and/or PCB's)?

Answer: Building E, C and D roofing material were tested. All roofing samples came back as "None Detected" for Asbestos. Sheet metal flashing paint and wood paint contain Lead. All existing sheet sheet metal flashing and wood scoped for removal and replacement shall be performed by the contractor as part of this contract (B-04024025 EC00000Z01/CP6668 EC Renovation of Essential Systems Roofing-Shops 2025).

4. Can you please clarify the locations of dry rot plywood to be replaced -- the drawings are not clear?

Answer: An allowance has been created for non-visible, unforeseen dry-rot repair.

END OF DOCUMENT

DOCUMENT 00 41 13

BID FORM AND PROPOSAL

To: Governing Board of the East Side Union High School District ("District" or "Owner")

From: _____
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. B-04-24-25/CP6668, for the following project known as:

EC Renovation of Essential Building Systems (Roofing-Shops 2025)

("Project" or "Contract") and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars \$ _____

BASE BID

Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Additional Detail Regarding Calculation of Base Bid

1. **[RESERVED]**
2. **Allowance.** The Bidder's Base Bid shall include the following Allowances for the Tasks/Work as noted here:

| Task/Work | Allowance Value |
|-------------------------------|------------------------|
| Roof Deck Plywood Replacement | \$25,000.00 |
| | |
| | |
| Total Allowance Value | \$25,000.00 |

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor's overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. **[RESERVED]**
4. **[RESERVED]**
5. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
6. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.

7. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
8. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
9. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
10. The following documents are attached hereto:
 - Bid Bond on the District's form or other security
 - Designated Subcontractors List
 - Site Visit Certification, if a site visit was required
 - Non-Collusion Declaration
 - Iran Contracting Act Certification, if the contract value is \$1,000,000 or more
 - Off-Road Diesel-Fueled Fleet Certification
11. Receipt and acceptance of the following Addenda is hereby acknowledged:

| | |
|------------------------|------------------------|
| No. _____, Dated _____ | No. _____, Dated _____ |
| No. _____, Dated _____ | No. _____, Dated _____ |
| No. _____, Dated _____ | No. _____, Dated _____ |

12. Bidder acknowledges that the license required for performance of the Work is a B license.
13. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
14. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
15. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
16. Bidder agrees to comply with all requirements of the Project Labor Agreement.

17. [RESERVED]
18. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
19. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
20. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
21. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

[SIGNATURE ON FOLLOWING PAGE]

Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this _____ day of _____ 20 ____

Name of Bidder: _____

Type of Organization: _____

Signature: _____

Print Name: _____

Title: _____

Address of Bidder: _____

Taxpayer Identification No. of Bidder: _____

Telephone Number: _____

Fax Number: _____

E-mail: _____ Web Page: _____

Contractor's License No(s): No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

Public Works Contractor Registration No.: _____

END OF DOCUMENT

DOCUMENT 01 21 00

ALLOWANCE

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Non-specified work.

1.2 RELATED SECTIONS

A. Document 01 11 00 (Summary of Work)

B. Document 01 29 00 (Payments and Completion)

C. Document 01 33 00 (Submittal Procedures)

1.3 ALLOWANCES

- A. Included in the Contract, a stipulated sum/price of **(\$25,000.00) Twenty-Five Thousand Dollars**, as an allowance for roof plywood decking replacement within the limits set forth in the Contract Documents. This Allowance shall not be utilized without written approval by the District.
- B. Contractor's costs, without overhead and profit, for products, delivery, installation, labor, insurance, payroll, taxes, bonding and equipment rental will be included in Allowance Expenditure Directive authorizing expenditure of funds from this Allowance. No overhead and profit shall be added to the Allowance Expenditure Directive.
- C. Funds will be drawn from Allowance only with District approval evidenced by an Allowance Expenditure Directive.
- D. At Contract closeout, funds remaining in Allowance will be credited to District by Change Order.
- E. Whenever costs are more than the Allowance, the amount covered by the Allowance will be approved at cost. The Contract Price shall be adjusted by Change Order for amounts in excess of the Allowance.

PART 2 PRODUCTS

Not used.

PART 3 EXECUTION

Not used.

END OF DOCUMENT

Renovation of Essential Building Systems

ESUHSD District Offices

BID: B-04-24-25

830 N Capitol Avenue
San Jose CA 95133

East Side Union High School District



10510 S. Tantau Ave.
Cupertino, CA 95014
408.768.2068

General Notes

These Drawings and their content are and shall remain the property of Studio Lin Architecture whether the project for which they were prepared is executed or not. They are not to be used by any person other than the Owner or for any other project or extension to this project except by agreement in writing with the Architect.

The Architect expressly reserves his common law copyright and other property rights relating to these Drawings and their content. These Drawings are not to be reproduced, altered or otherwise modified in any manner whatsoever except by the Architect. These Drawings and their content may not be assigned to a third party without written consent of the Architect. In the event of unauthorized use of these Drawings by a third party, the third party shall hold harmless and indemnify the Architect.

These Drawings are an instrument of services performed by the Architect for the benefit of the Owner. They are intended for use in a negotiated construction contract and, therefore, may not detail or specify all materials, manufacturers or assemblies. Details, assemblies and products commonly known to be industry standard for any given trade may not be fully detailed or specified. Where necessary, the Contractor shall provide samples, data, product literature as required to assist the Owner or the Owner's agent in making selections. For the purpose of estimating items not fully detailed the Contractor shall provide an allowance amount and so condition such estimates. The Owner and/or Contractor shall submit to the Architect, in writing, any requests for modifications to the plans or specifications by means of shop drawings, samples or other means as appropriate. Shop drawings that are submitted to the Architect for review do not constitute "in writing" unless it is brought to the attention of the Architect that specific changes are being suggested.

No guarantee for quality of construction is implied or intended by these Documents. The Contractor shall assume full responsibility for any construction deficiencies.

The Owner and Contractor shall hold harmless, indemnify and defend the Architect from any action initiated by the initial Owner, or any subsequent owner, for construction deficiencies, modifications, substitutions, maintenance or any such condition which is beyond the control of the Architect.

All Contract Documents described in the Construction Contract shall be considered one document and are intended to be used as one document. Contractor and all sub-contractors shall review all documents prior to bidding. Sub-contractors are responsible for any information pertaining to their work no matter where it may occur in these Documents. It is the intent of these Documents to provide for the construction of a moisture proof enclosure of interior space. If the Owner, Contractor or any Sub-contractors become aware of any assembly or condition, either shown in the Drawings or constructed on-site, which does not, in their opinion, satisfy this intent, it is their responsibility to notify the Architect within a reasonable amount of time so that the condition or assembly can be reviewed, and, if necessary, modifications can be made to the Documents or to the Work without impacting the progress of the Work.

All information pertaining to the site shall be, and shall remain, the Owner's responsibility. This information shall include legal description, deed restrictions, easements, site survey, topographic survey, location of existing improvements, soils report, and all related data.

Code Compliance
All work shall comply with applicable codes and trade standards including but not limited to the latest adopted edition of the following:

2022 California Building Codes, 2022 Residential Building Code (where applicable), 2022 California Mechanical Code, 2022 California Electrical Code, 2022 California Plumbing Code, including all amendments as adopted in Ordinance 1989, and 2022 California Energy Efficiency Standards (Title 24), including Cool Roof requirements.

Contractor shall submit recycling and waste reduction form, and it must be approved prior to issuance of building permit.

All applicable state and local codes, ordinances, legislation, as adopted by the City of South San Francisco at time of permit application.

It is the Contractors responsibility to identify and familiarize himself with current codes and ordinances including local variations on national or regional codes Requirements of adopted codes shall supersede any conflicting requirements defined in these Documents. When a conflict is suspected the Contractor shall so advise the Architect in writing within a reasonable time so that the conflict, if it exists, can be resolved without impacting the progress of the Work.

The Contractor shall include and implement all pertinent requirements of this project as set forth in any conditions of approval attached to the project by governing agencies. These conditions shall become a part of the Contract Documents.

Site Examination
The Contractor shall thoroughly examine the site and satisfy himself as to the conditions under which the Work is to be performed. The Contractor shall verify at the site all measurements and conditions affecting his work and shall be responsible for same unless brought to the attention of the Owner or his agent prior to proceeding with the Work.

Dimension Control
It is the responsibility of the Contractor to check and verify all conditions, dimensions, lines and levels alignments indicated; proper fit and attachment of all parts is required. Should there be any differences between the Documents and the actual conditions, the Contractor shall notify the Owner or his agent in writing for clarification and/or adjustment. In the event of failure to do so, the Contractor shall be responsible for corrections required or subsequent changes occurring as a result of these differences.

Note to Subcontractors: Location of many items or assemblies is critical for alignment of other assemblies which may be installed by other trades and which may not be installed at the time of installation of your work. All Sub-contractors shall review the manner in which their work fits, aligns or comes into contact with work of other trades. The Contractor and each Sub-contractor shall review all Documents and will be responsible for information contained at any location within the Documents which pertains to their work. Deficiencies resulting from failure to do so will be removed and corrected at Contractors expense.

All dimensions and conditions shall be checked and verified, both in the Documents and on the job, by each Sub-contractor before they proceed with their work. Any errors, omissions, discrepancies or deficiencies shall be brought to the attention of the General Contractor prior to proceeding with the Work. The Contractor shall notify the Owner in writing for resolution.

Commencement of work by any Sub-contractor shall indicate a knowledge and acceptance of all conditions described in the Documents or existing on site which could affect their work.

All dimensions take precedent over scale. Where dimensions are not entirely clear the Contractor shall notify the Architect and request clarification.

DRAWINGS SHALL NOT BE SCALED.

Moisture Protection During Construction
Should any special situations or climatic conditions occur during construction the Owner, Contractor and Sub-contractors shall so notice and implement any measures required to assure the protection of materials and assemblies.

The Contractor shall take all necessary measures to protect new or existing construction and materials from damage due to weather or any other adverse conditions.

Symbol Legend

| | |
|--|---|
| | Grid Number |
| | Room Description |
| | Architectural Room Number |
| | Classroom number |
| | Door Number |
| | Keynote |
| | Indicates 1-Hour Rated Wall |
| | Detail |
| | Sheet Number |
| | Section |
| | Sheet Number |
| | Interior Elevation |
| | Sheet Number |
| | Elevation Point |
| | (E) Shear Wall |
| | Indicates Accessible Feature w/30"x48" clear floor space |
| | Fire Extinguisher 2-A:10-B:C with valid certification tag Provided by Owner, installed by Contractor |
| | Finish Floor Elevation |
| | (E) Wall to remain |
| | (N) Wall |
| | Object to be Removed |
| | Line of object above |
| | Fence Line |
| | Centerline |
| | Match Line |

Sheet Index

Sheet total: 12

| | |
|----------------------------|--|
| Architectural Drawings: 12 | |
| A0.0 | Project Data, Vicinity Map, General Notes, Index |
| Page 1 | Tapered design |
| A3.1d | Roof Plan Demo |
| A3.2d | Enlarged Roof Plan Demo |
| A3.3d | Enlarged Roof Plan Demo |
| A3.4d | Enlarged Roof Plan Demo |
| A3.1 | Roof Plan Proposed |
| A3.2 | Enlarge Roof Plan Proposed |
| A3.3 | EnlargeRoof Plan Proposed |
| A3.4 | Enlarge Roof Plan Proposed |
| A7.1 | Details |
| A7.2 | Details |

Scope of Work

- Remove existing roofing material
- Remove dry rot plywood along parapet walls
- Remove mechanical equipment
- Remove parapet cap
- Remove decorative wall
- New TPO at the roof, parapet walls
- New plywood at parapet walls
- New tapered insulation
- New parapet cap
- New walkpads
- Relocation of existing electrical shut off
- New hatch covers and guards

Project Directory

| | |
|---|---|
| Owner East Side Union High School District 830 North Capitol Avenue San Jose, CA 950133 | |
| Facilities Office: (408) 347-5100 Fax: (408) 347-5115 | Julio Lucas, Bond Director lucasj@esuhsd.org Jeremy Bright, Project Manager brightj@esuhsd.org |
| Architect Studio Lin Architecture 10510 S. Tantau Ave Cupertino CA 95014 Voice: (408) 768-2068 | |
| Wayne Lin, Principal Architect wlin@slinarch.com Sijia Shang, Project Manager sshang@slinarch.com | |

| | |
|--|--|
| Roofing Consultant GAF | |
| Maxwell Calehuff maxwell.calehuff@gaf.com | |

Voice: (408) 679-1163

Construction Hours

Hours of Construction -No construction activity shall commence prior to 7:00 a.m. nor continue later than 7:00p.m., Monday through Friday, nor shall any work be permitted on Saturday unless prior written approval is granted by the Chief Building Official. The term "construction activity" shall include any physical activity on the construction site or in the staging area, including the delivery of materials. In approving modified hours, the Chief Building Official may specifically designate and/or limit the activities permitted during the modified hours.

Construction hours per the City of San Jose Code of Ordinances SEC20.100.450

| | |
|----------------------------------|-----------------|
| Monday through Friday: | 7AM to 7PM |
| Saturdays, Sundays and Holidays: | No work allowed |

Renovation of Essential
Building Systems
ESUHSD
District Offices

830 N Capitol Avenue
San Jose, CA 95133

BID: B-04-24-25

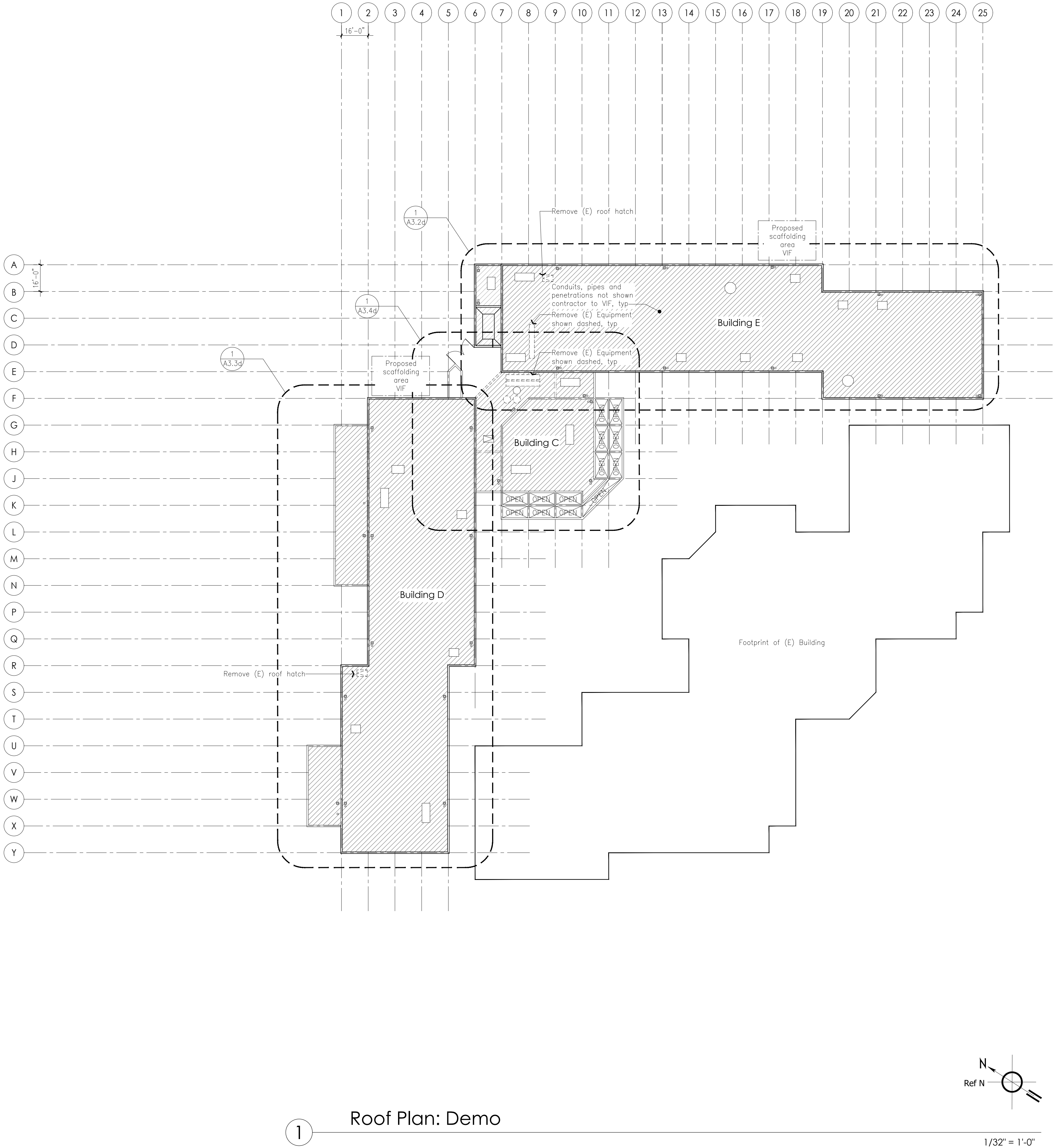
Bid Set: 04/XX/2025

Addendum 2: 05/21/2025

Directory, Vicinity Map,
Abbreviations,
General Notes, Index

A0.0

Project # 2505



Demolition Notes

Keynote legend below contains information referenced throughout Documents. References are organized by standard CSI divisions and are flagged at various locations in the Documents by means of the following symbol: 1.0 →

General

Contractor shall coordinate contents relocation at work areas with The District to ensure that all critical assets are removed from the work areas. The District is fully responsible for contents removal, however Contractor shall make allowance in schedule for reasonable allocations of time for The District contents movement.

Contractor shall coordinate all mechanical/electrical demolition with Mechanical and Electrical Subcontractors prior to removal or system shutdown.

Contractor shall, without delay, remove all demolished, non-salvaged items from the job site. Contractor shall provide all site cleaning for removal of demolished materials and restoration of site surfaces in preparation for subsequent Contract work.

Renovation

Selective demolition shall be coordinated throughout the document set. Contractor is responsible for selective demolition as required to accommodate all new construction, systems, finishes and assemblies whether demolition scope is explicitly noted in the plans or not.

Contractor shall fully drain all plumbing systems prior to demolition or alteration. Contractor shall ensure that no leakage or spillage occurs when plumbing systems are opened. Contractor shall provide means for emergency removal of spilled water.

For all demolition refer to enlarged Plans for all intended dimensions. Dimensions on plans and details shall override any dimensions noted on demolition plans should conflict occur.

Contractor shall provide all shoring necessary to support existing structures until new framing or other construction is installed. Some existing framing may currently be supported on walls or structures to be removed.

Refer to enlarged Demo plans for relocation of electrical existing devices.

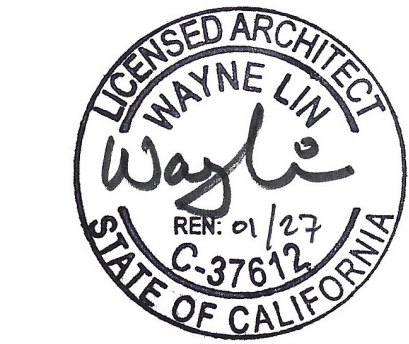
Refer to enlarged Demo plans to coordinate removal of existing mechanical components in preparation for new plumbing and mechanical components.

Salvage / Recycling

This project is subject to City of San Jose Recycling requirements. All demolition shall be performed such that required materials and products can be separated, identified and handled accordingly.

Selected items are intended for salvage and reuse offsite by The District. Contractor shall coordinate all items to be salvaged with owner. Contractor is responsible for maintaining quality and performance of all materials and equipment to be relocated or reused.

- Remove (E) roof material down to (E) roof sub ply
- Item or area to be demoed



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408.768.2068

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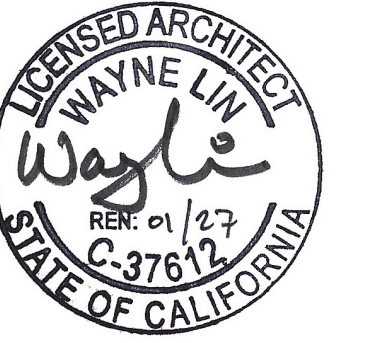
Bid Set: 04/XX/2025

Addendum 2: 05/21/2025

Roof Plan: Demo

A3.1d

Project # 2505



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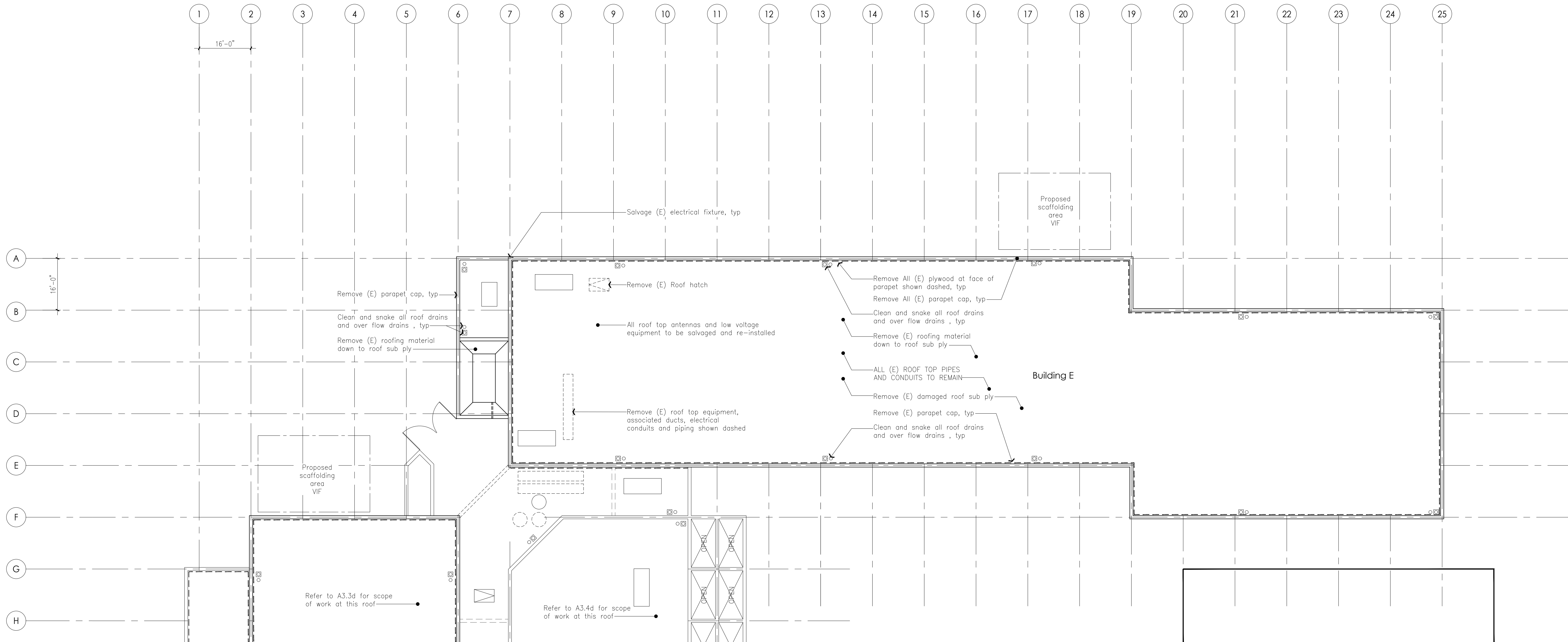
Bid Set: 04/XX/2025

Addendum 2: 05/21/2025

Enlarged Roof Plan:
Demo Building E

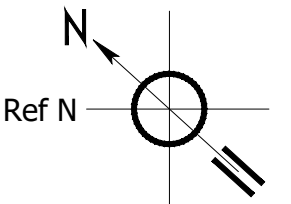
A3.2d

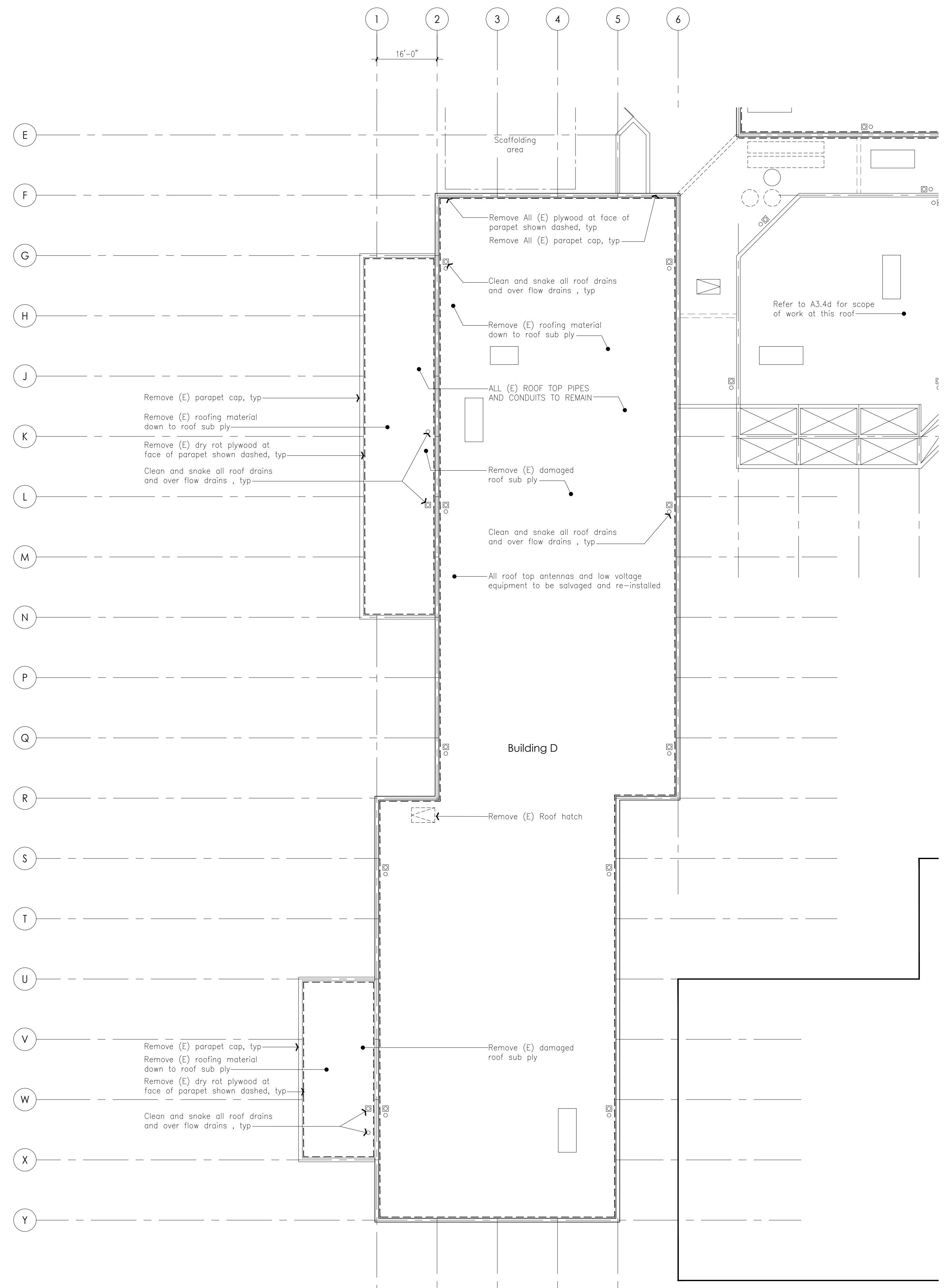
Project # 2505



1 Enlarged Roof Plan: Demo Building E

1/16" = 1'-0"





1 Enlarged Roof Plan: Demo Building D
1/16" = 1'-0"



Studio L I N
Architecture

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BID: B-04-24-25

Bid Set: 04/XX/2025
Addendum 2: 05/21/2025

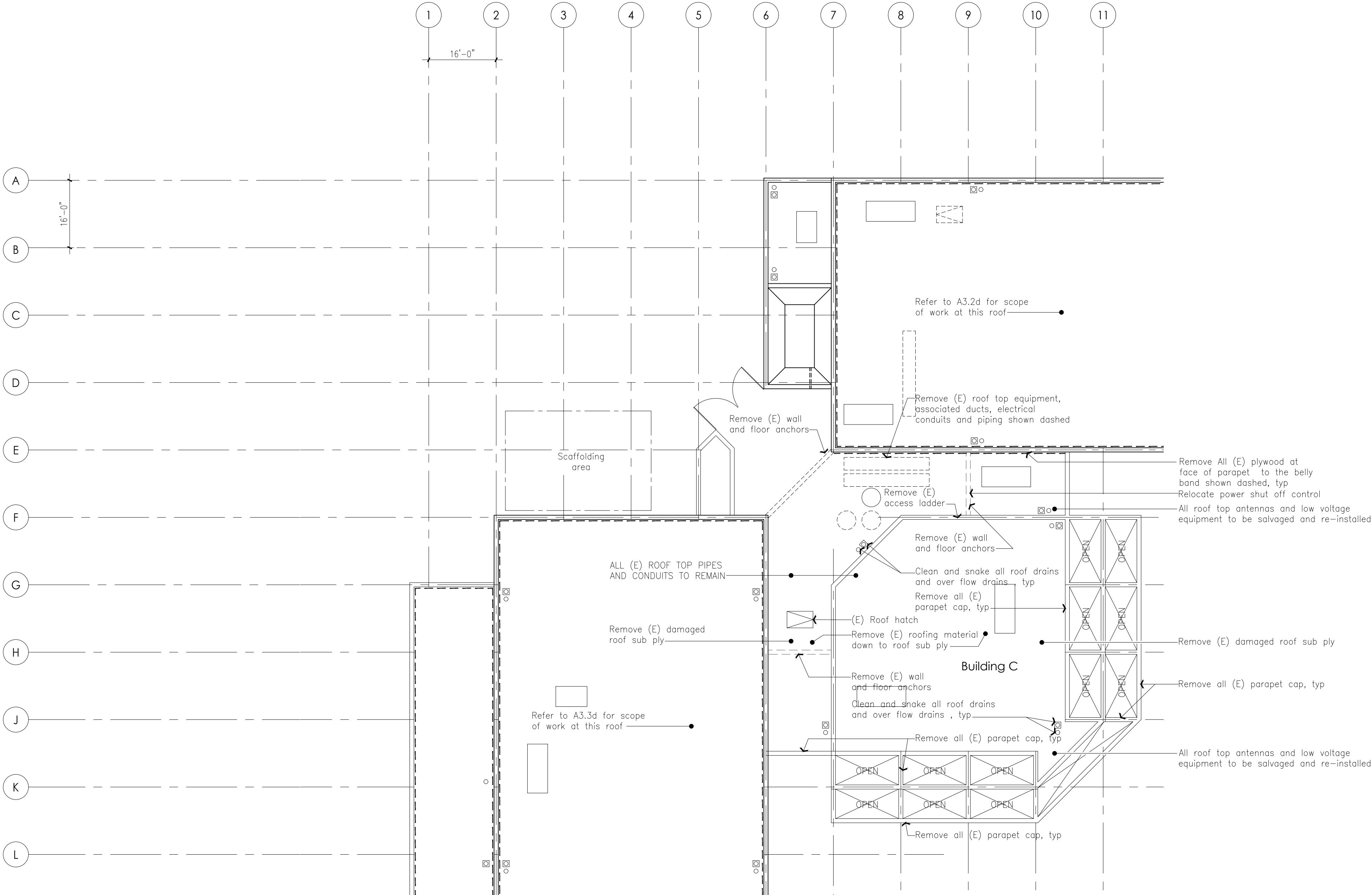
Enlarged Roof Plan:
Building D

A3.3d

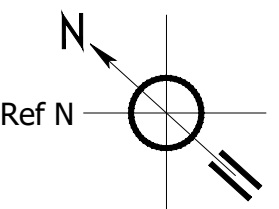
Project # 2505



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1 Enlarged Roof Plan: Demo Buiding C
1/16" = 1'-0"



Renovation of Essential
Building Systems
ESUHS
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San Jose, CA 95133

BID: B-04-24-25

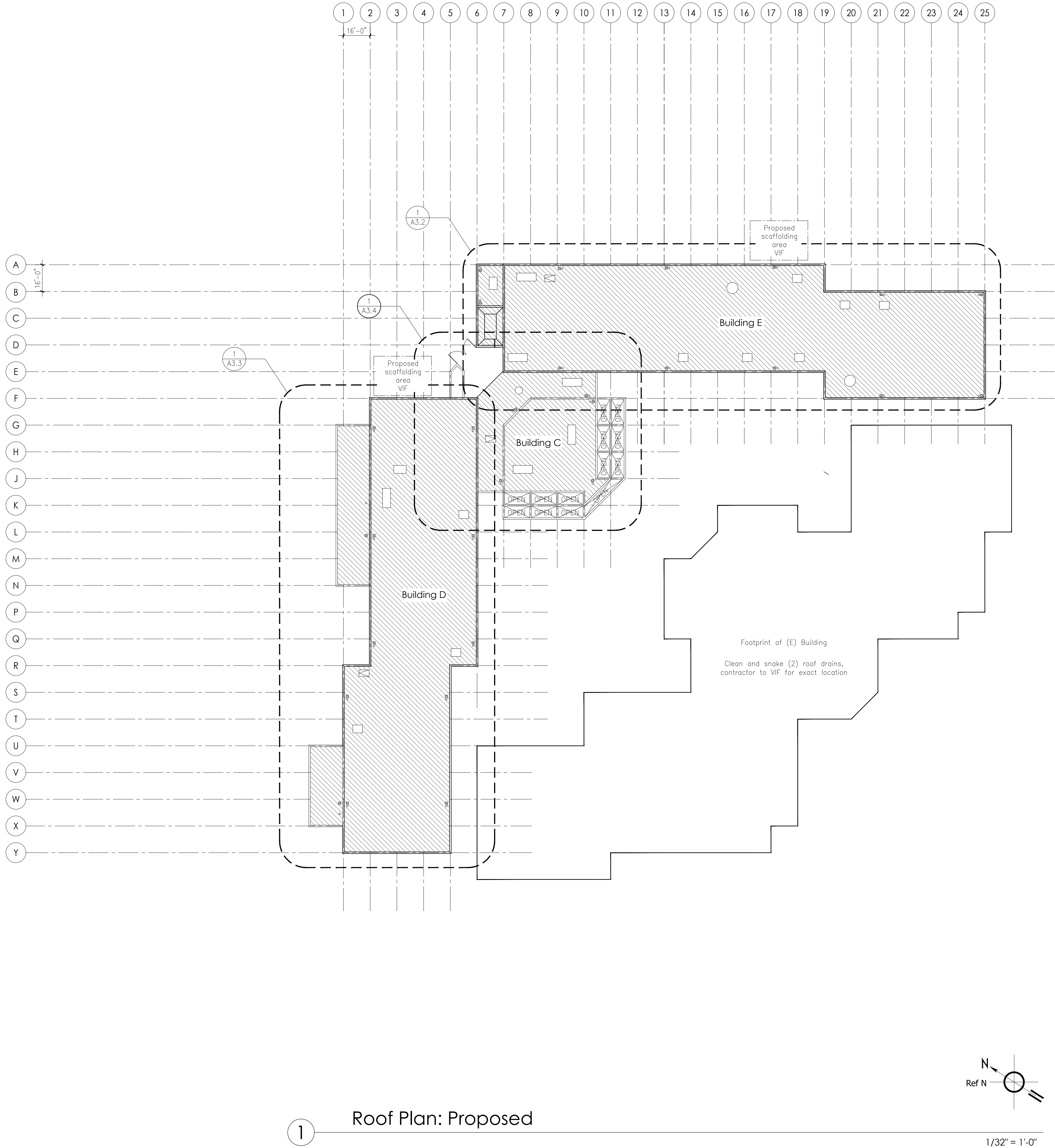
Bid Set: 04/XX/2025

Addendum 2: 05/21/2025

Enlarged Roof Plan:
Building C

A3.4d

Project # 2505



Roof Notes

Keynote legend below contains information referenced throughout Documents. References are organized by standard CSI divisions and are flagged at various locations in the Documents by means of the following symbol: 1.0 →

Provide positive drainage for all roof surfaces. Provision shall be tested by application of water at all areas.

Ensure positive drainage at all valleys, crickets, roof penetrations and curbs.

Roofing substrate, base sheets and any installed components shall be fully protected from subsequent construction activities until completion of project. Contractor shall provide temporary protection for all roof components where subsequent work may occur.

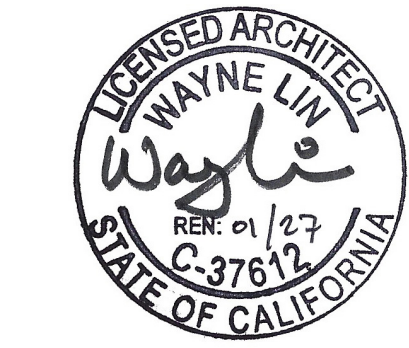
Contractor shall protect all roof components from exposure to sunlight where such exposure may damage materials. Installation of felts or base sheets shall be covered immediately by either subsequent roof layers or protective materials to avoid exposure to sun or general drying of materials.

Contractor shall fully seal all roof penetrations per roof manufacturer's specifications.

Provide flashing, counter flashing, coping and reglets as necessary to ensure positive drainage across all surfaces.

For additional notes and details not shown, refer to A7.1 A7.2

(N) TPO roof



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BID: B-04-24-25

Bid Set: 04/XX/2025

Addendum 2: 05/21/2025

Roof Plan: Proposed

A3.1

Project # 2505



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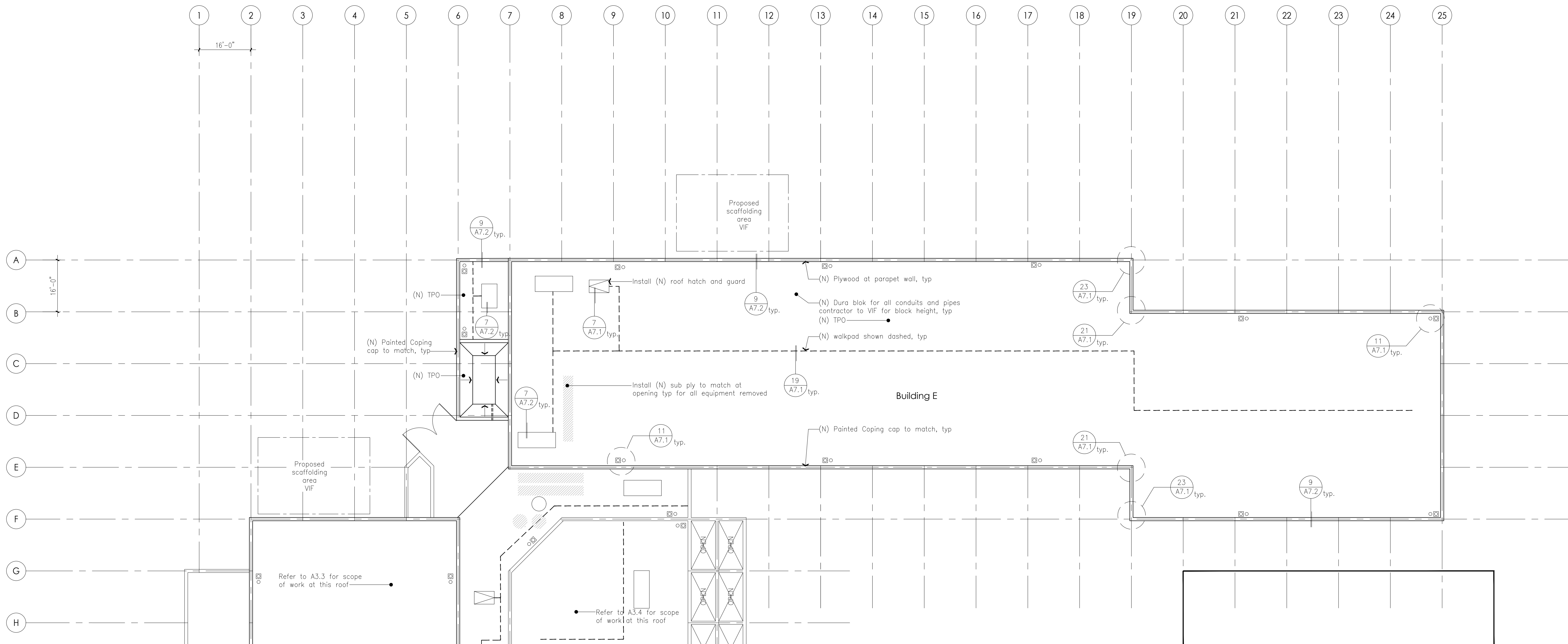
Bid Set: 04/XX/2025

Addendum 2: 05/21/2025

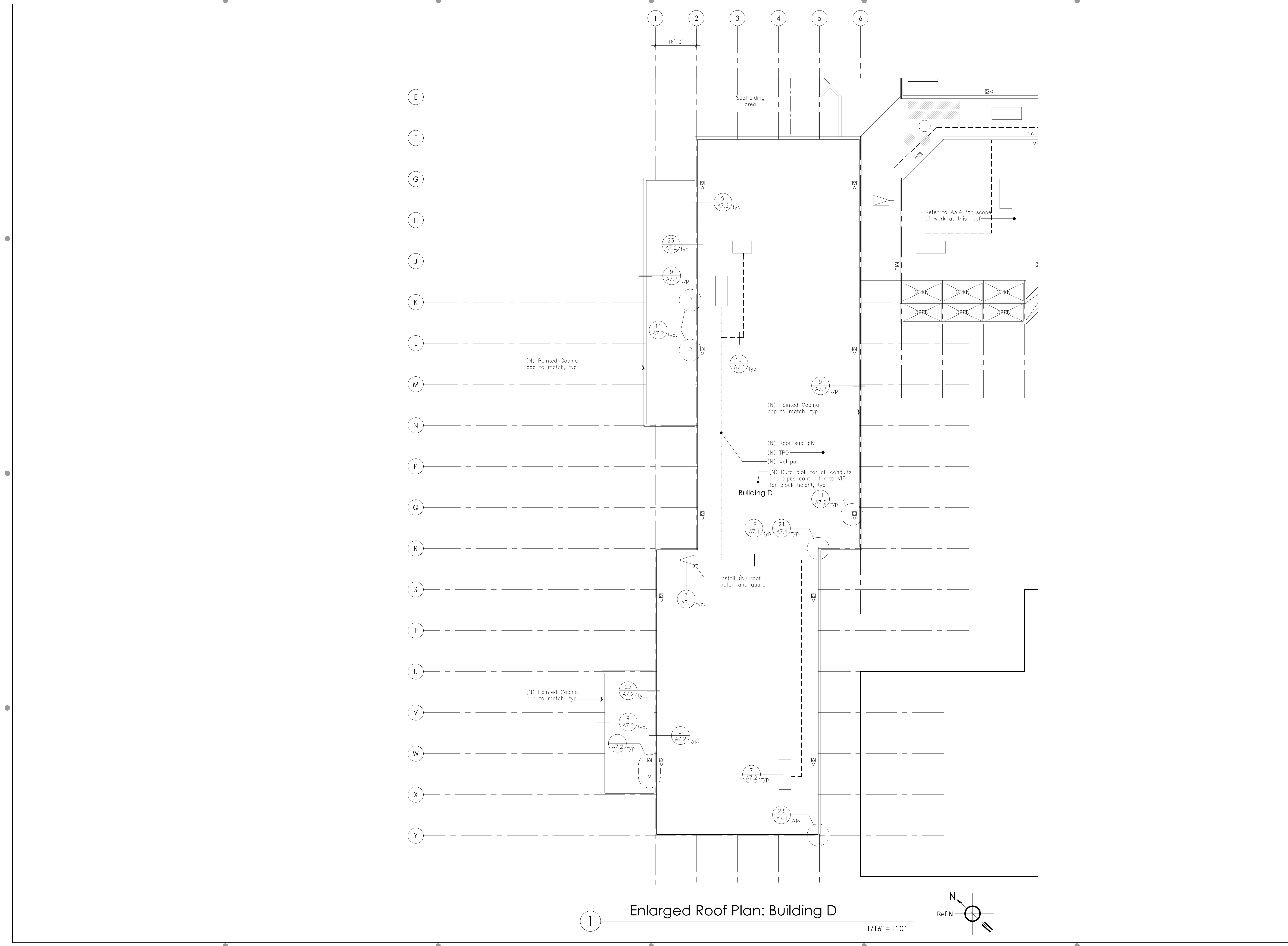
Enlarged Roof Plan:
Building E

A3.2

Project # 2505



1 Roof Plan: Building E



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BID: B-04-24-25

Bid Set: 04/XX/2025
Addendum 2: 05/21/2025

Enlarged Roof Plan:
Building D

A3.3

Project # 2505



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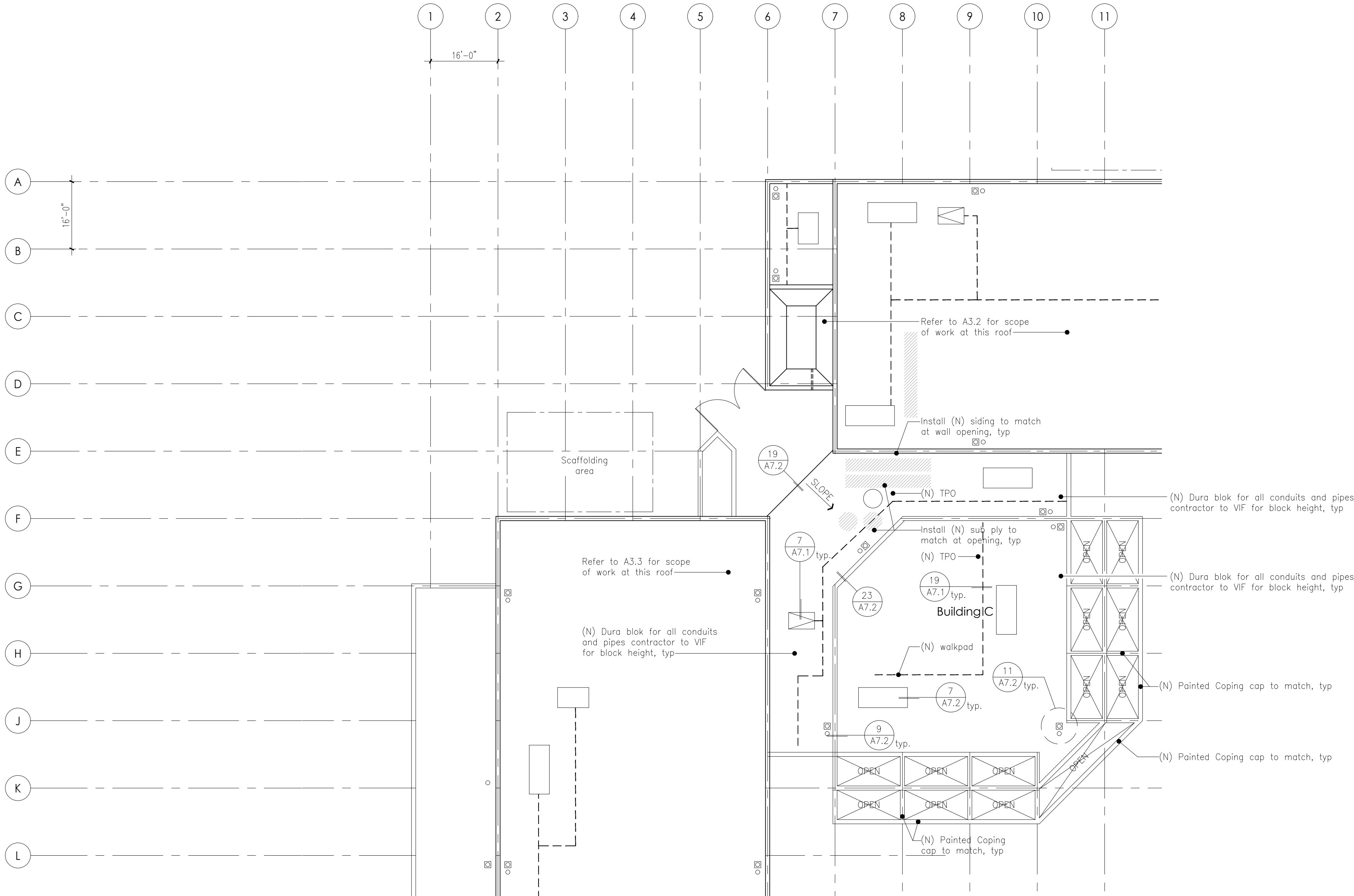
Bid Set: 04/XX/2025

Addendum 2: 05/21/2025

Enlarged Roof Plan:
Building C

A3.4

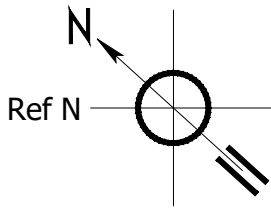
Project # 2505

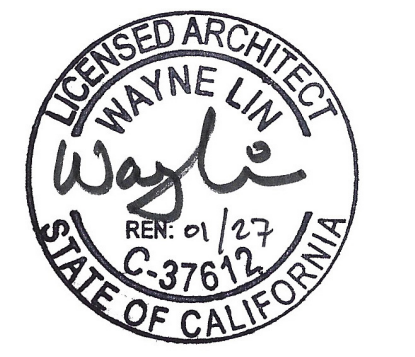
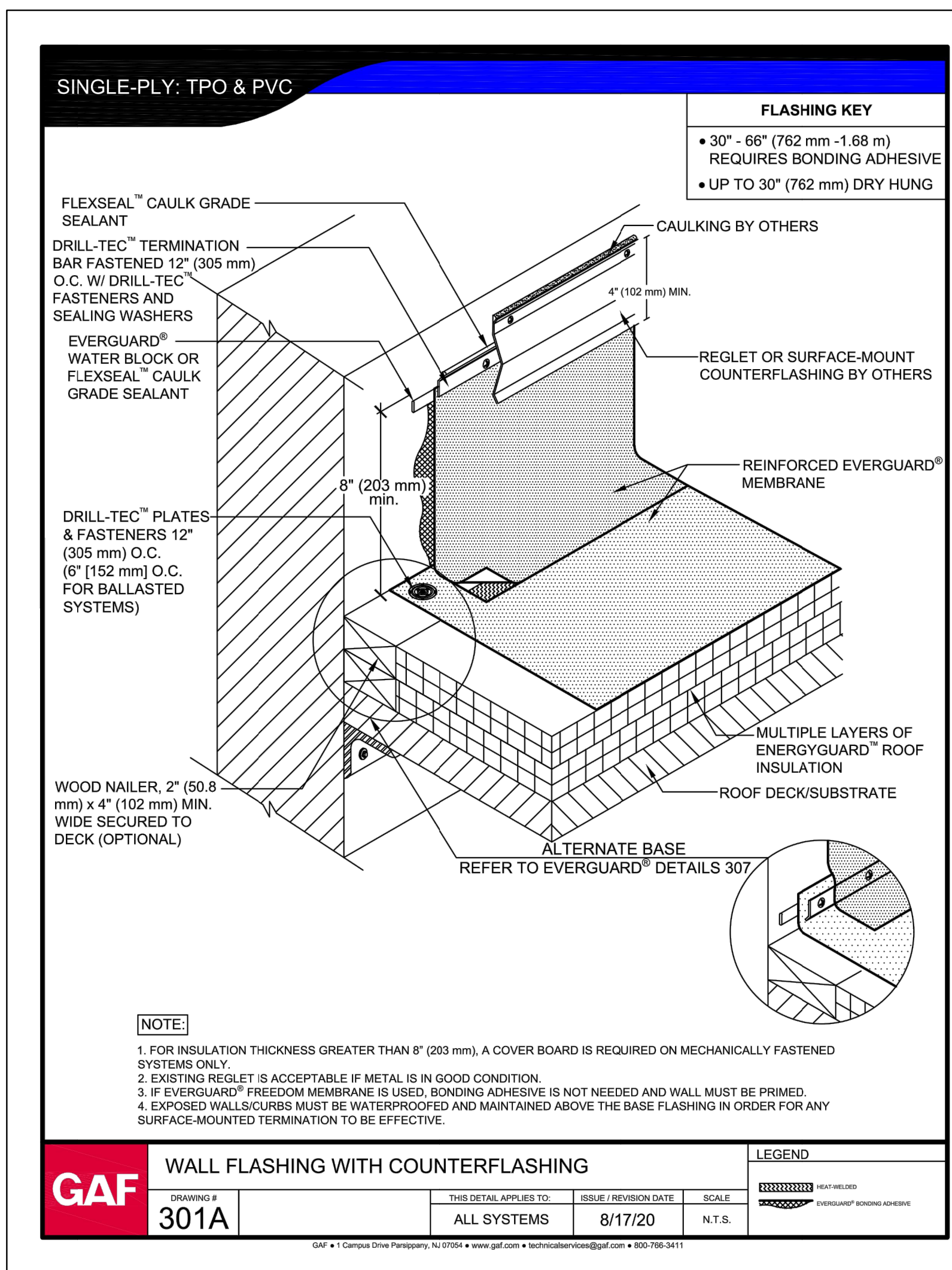
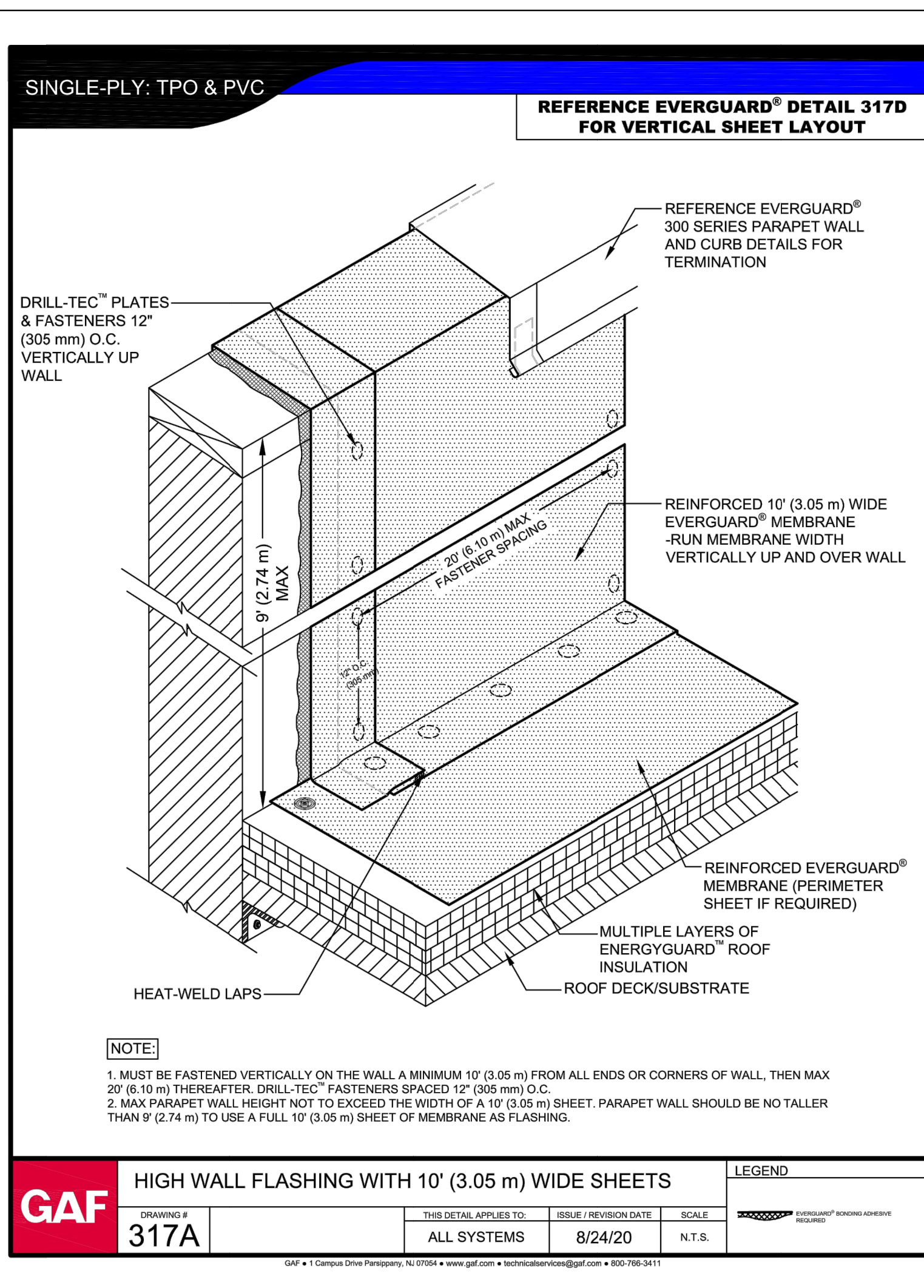
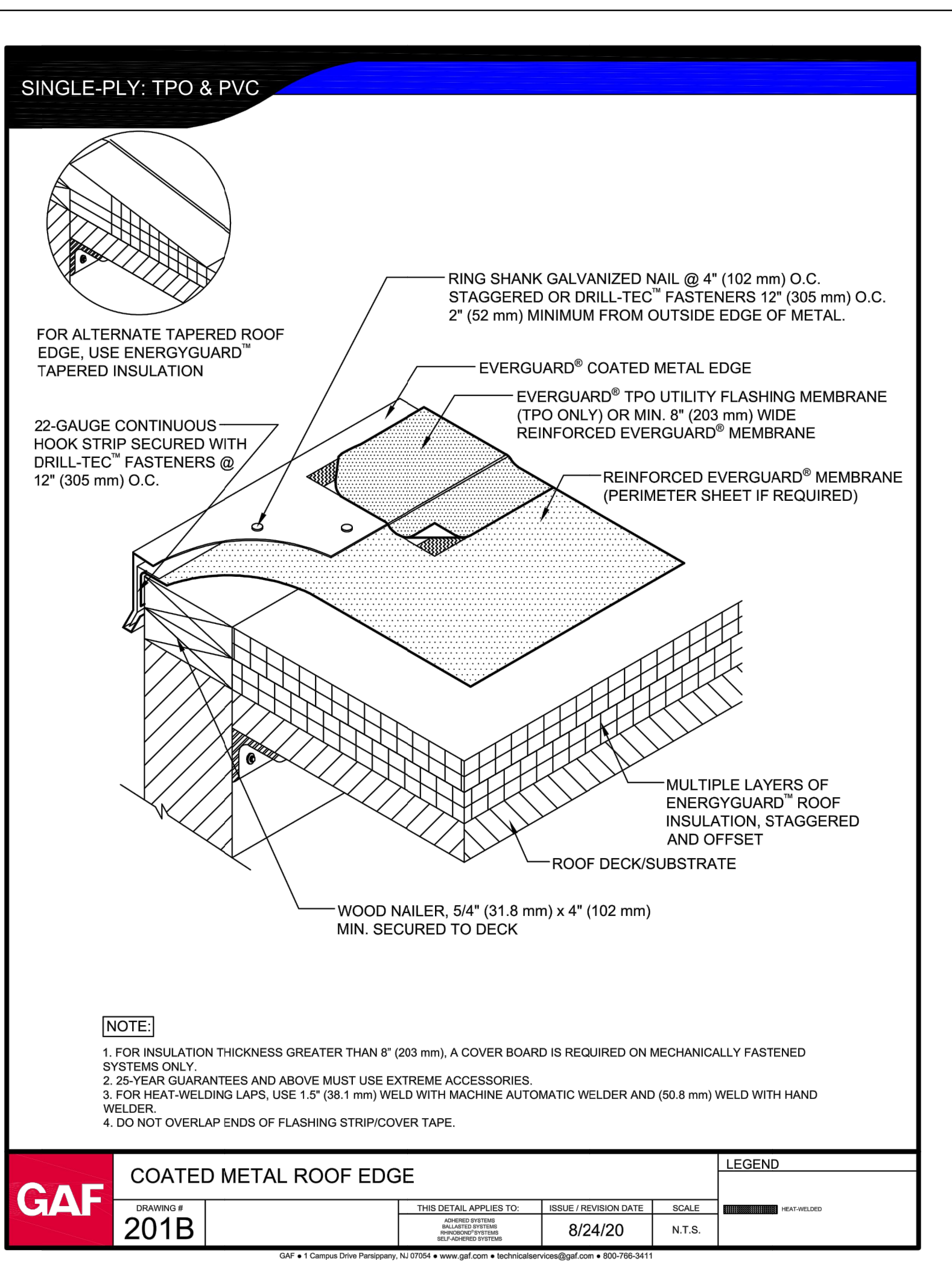
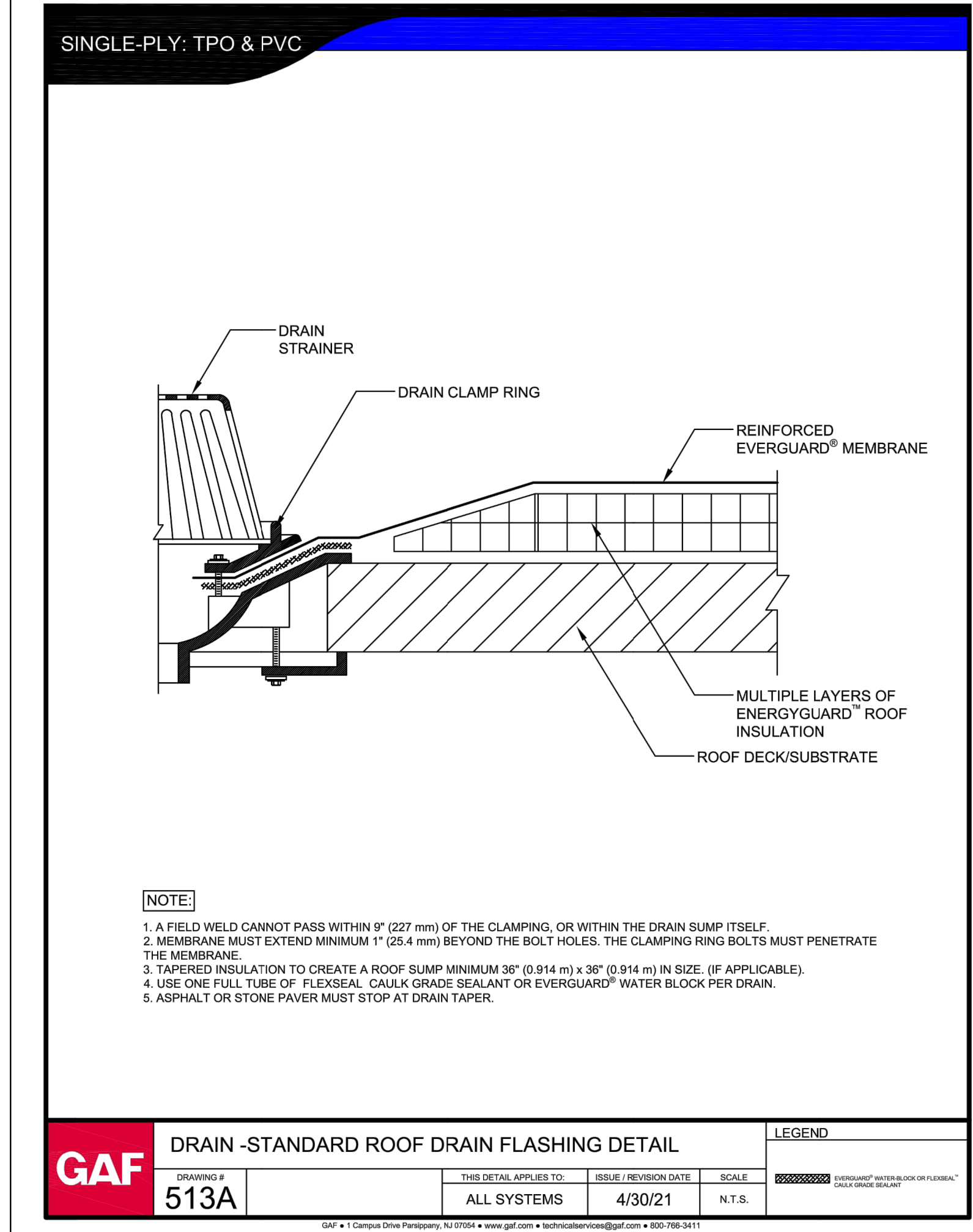
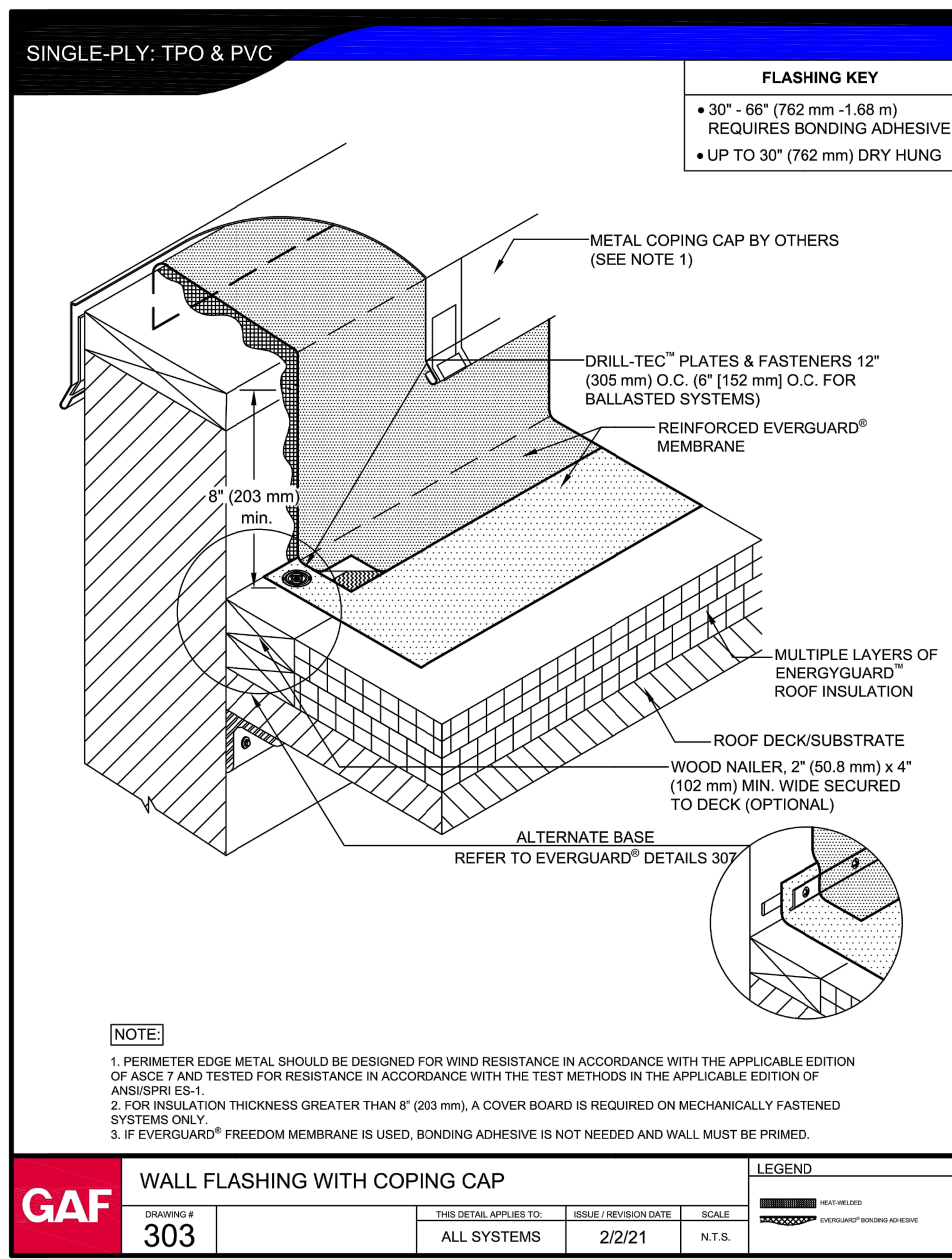
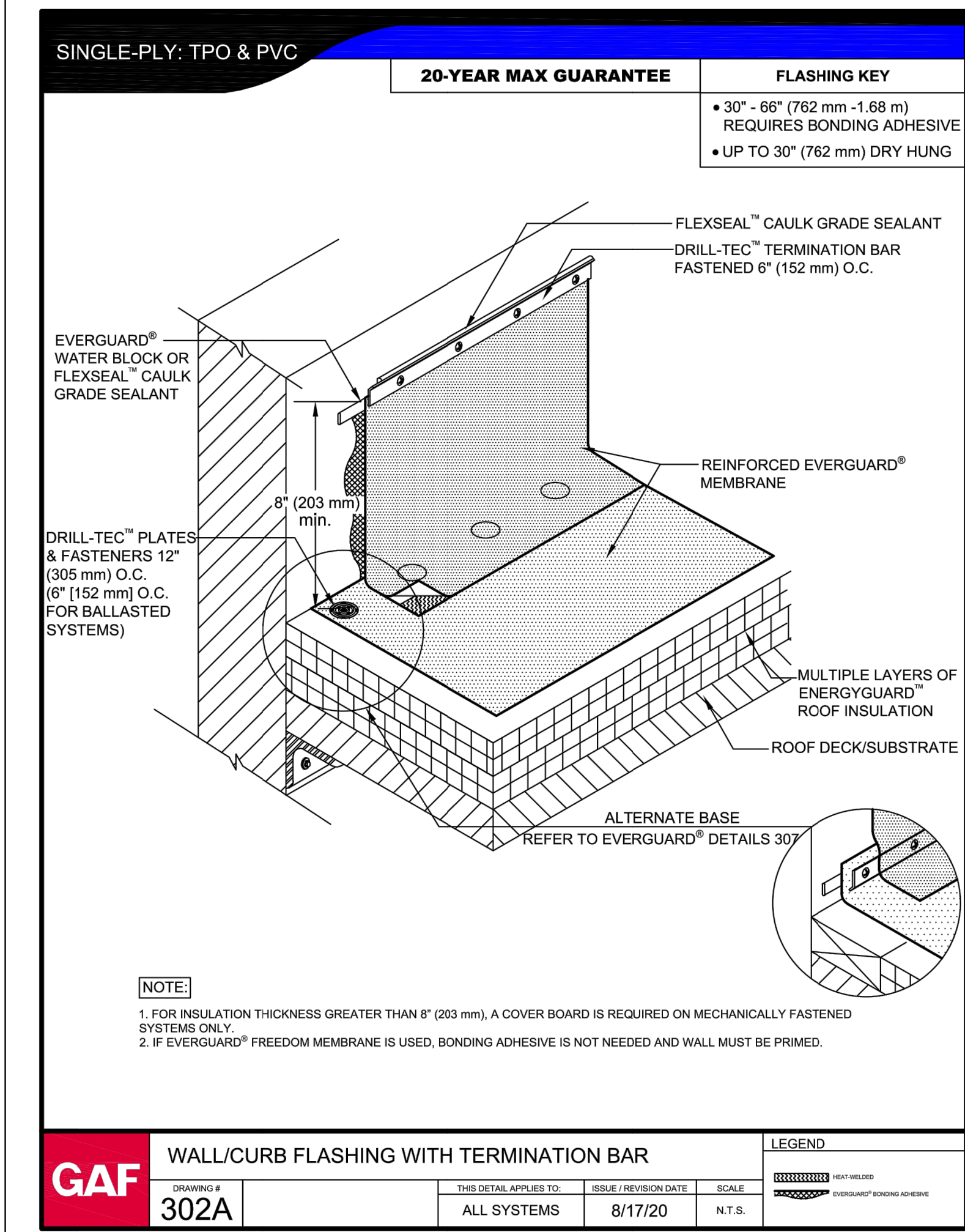


1

Enlarged Roof Plan: Building C

1/16" = 1'-0"





Studio L I N
Architecture

10510 S. Tantau Ave.
Cupertino, CA 95014
408.768.2068

Renovation of Essential
Building Systems
ESUHS
District Offices

830 N Capitol Avenue
San Jose, CA 95133

BID: B-04-24-25

Bid Set: 04/XX/2025
Addendum 2: 05/21/2025

Details

A7.2

Project # 2505

Addendum 02

Studio Lin Architecture Inc.
10510 S. Tantau Avenue
Cupertino California 95014

To :

All Plan Holders

Addendum Issue Date: **05-20-2025**

BID: B-04-24-25
Project Name **ESUHSD District Office Re-Roof**
Architect's Project # **2505 DOR**
District: **East Side Union High School District**



The information contained herein is issued as Addendum to the Bid Documents for the subject Project as listed above. All information included herein shall become a part of the Bid Documents for that Project.

All bidders are required to acknowledge this Addendum on their Proposal Documents. Failure to acknowledge receipt of this Addendum shall deem the Proposal unresponsive and the proposal shall be disqualified.

Addendum Contents

| Item | Reference | Subject | Type |
|----------------------|--------------------|---------------------------------------|------|
| Architectural | | | |
| 1 | Sheet 1 | Revised tapered insulation design | |
| 2 | A0.0 | Replaced | |
| 3 | A3.1d | Replaced | |
| 4 | A3.2d | Replaced | |
| 5 | A3.3d | Replaced | |
| 6 | A3.4d | Replaced | |
| 7 | A3.1 | Replaced | |
| 8 | A3.2 | Replaced | |
| 9 | A3.3 | Replaced | |
| 10 | A3.4 | Replaced | |
| 11 | A7.1 | Replaced | |
| 12 | A7.2 | Replaced | |
| 13 | A8.1 – A8.5 | Removed | |
| Specification | | | |
| 14 | 077233 | Bilco Type E roof hatch ladder access | |
| 15 | 077234 | Bilco guard 2 | |

Issued: **05-21-2025**

Issued by: **Studio Lin Architecture**
Wayne Lin

cc: Bid List
District
File

END

East Side Union High School District

ESUHSD District Office

BILCO Type E roof hatches, 36" x 36" (914mm x 914mm), are ideal for applications requiring roof access slightly larger than the typical 36" x 30" opening. They are commonly used for ladder access or to remove or install small pieces of equipment in a building. For more information, please visit our website www.BILCO.com or call 1-800-366-6530.

SECTION 077233

ROOF HATCHES

(BILCO TYPE E)

PART 1 - GENERAL

1.1 SUMMARY

- A. Work Included: Provide factory-fabricated roof hatches for ladder access.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data.
- B. Shop Drawings: Submit shop drawings including profiles, accessories, location, adjacent construction interface, and dimensions.
- C. Warranty: Submit executed copy of manufacturer's standard warranty.

1.3 QUALITY ASSURANCE

- A. Manufacturer: A minimum of 5 years experience manufacturing similar products.
- B. Installer: A minimum of 2 years experience installing similar products.

ROOF HATCHES

- C. Manufacturer's Quality System: Registered to ISO 9001 Quality Standards including in-house engineering for product design activities.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver products in manufacturer's original packaging. Store materials in a dry, protected, well-vented area. Inspect product upon receipt and report damaged material immediately to delivering carrier and note such damage on the carrier's freight bill of lading.

1.5 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's standard warranty. Materials shall be free of defects in material and workmanship for a period of five years from the date of purchase. Should a part fail to function in normal use within this period, manufacturer shall furnish a new part at no charge.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis-of-Design Manufacturer: Type E Roof Hatch by The BILCO Company, P.O. Box 1203, New Haven, CT 06505, 1-800-366-6530, Fax: 1-203-535-1582, Web: www.BILCO.com.

2.2 ROOF HATCH

- A. Furnish and install where indicated on plans metal roof hatch Type E, size width: 36" (914mm) x length: 36" (914mm). Length denotes hinge side. The roof hatch shall be single leaf. The roof hatch shall be pre-assembled from the manufacturer.
- B. Performance characteristics:

ROOF HATCHES

1. Cover shall be reinforced to support a minimum live load of 40 psf (195kg/m²) with a maximum deflection of 1/150th of the span or 20 psf (97 kg/m²) wind uplift.
 2. Operation of the cover shall be smooth and easy with controlled operation throughout the entire arc of opening and closing.
 3. Operation of the cover shall not be affected by temperature.
 4. Entire hatch shall be weather tight with fully welded corner joints on cover and curb.
- C. Cover: Shall be [select: 14 gauge (1.9mm) galvanized steel or 11 gauge (2.3mm) aluminum] with a 3" (76mm) beaded flange with formed reinforcing members. Cover shall have a heavy extruded EPDM rubber gasket that is bonded to the cover interior to assure a continuous seal when compressed to the top surface of the curb.
- D. Cover insulation: Shall be fiberglass of 1" (25mm) thickness, fully covered and protected by a metal liner [select: 22 gauge (.8mm) galvanized steel or 18 gauge (1mm) aluminum].
- E. Curb: Shall be 12" (305mm) in height and of [select: 14 gauge (1.9mm) galvanized steel or 11 gauge (2.3mm) aluminum]. The curb shall be formed with a 3-1/2" (89mm) flange with 7/16" (11.1mm) holes provided for securing to the roof deck. The curb shall be equipped with an integral metal capflashing of the same gauge and material as the curb, fully welded at the corners, that features the Bil-Clip® flashing system, including stamped tabs, 6" (153mm) on center, to be bent inward to hold single ply roofing membrane securely in place.
- F. Curb insulation: Shall be rigid, high-density fiberboard of 1" (25mm) thickness on outside of curb.
- G. Lifting mechanisms: Manufacturer shall provide compression spring operators enclosed in telescopic tubes to provide, smooth, easy, and controlled cover operation throughout the entire arc of opening and closing. The upper tube shall be the outer tube to prevent accumulation of moisture, grit, and debris inside the lower tube assembly. The lower tube shall interlock with a flanged support

ROOF HATCHES

shoe [for aluminum construction: welded to the curb assembly; for steel construction: through bolted to the curb assembly].

H. Hardware

1. Heavy pintle hinges shall be provided
2. Cover shall be equipped with a spring latch with interior and exterior turn handles
3. Roof hatch shall be equipped with interior and exterior padlock hasps.
4. The latch strike shall be a stamped component bolted to the curb assembly.
5. Cover shall automatically lock in the open position with a rigid hold open arm equipped with a 1" (25mm) diameter red vinyl grip handle to permit easy release for closing.
6. All hardware shall be zinc plated and chromate sealed. [For installation in highly corrosive environments or when prolonged exposure to hot water or steam is anticipated, specify Type 316 stainless steel hardware].
7. Cover hardware shall be bolted into heavy gauge channel reinforcing welded to the underside of the cover and concealed within the insulation space.

- I. Finishes: Factory finish shall be [select: alkyd based red oxide primed steel or mill finish aluminum].

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and openings for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

ROOF HATCHES

East Side Union High School District

ESUHSD District Office

3.2 INSTALLATION

- A. Install products in strict accordance with manufacturer's instructions and approved submittals. Locate units level, plumb, and in proper alignment with adjacent work.
 - 1. Test units for proper function and adjust until proper operation is achieved.
 - 2. Repair finishes damaged during installation.
 - 3. Restore finishes so no evidence remains of corrective work.

3.3 ADJUSTING AND CLEANING

- A. Clean exposed surfaces using methods acceptable to the manufacturer which will not damage finish.

END OF SECTION

ROOF HATCHES

East Side Union High School District

ESUHSD District Office

BILCO Bil-Guard 2.0 fixed hatch railing system provides a permanent means of fall protection for roof hatch openings. System meets and exceeds OSHA fall protection regulations (29 CFR 1910.29). Bil-Guard® 2.0 models are available for most roof hatch and automatic fire vent sizes. For more information, please visit our website www.bilco.com or call 1-800-366-6530.

SECTION 077234

ROOF HATCH RAIL SYSTEM

(BILCO TYPE BIL-GUARD 2.0)

PART 1 - GENERAL

1.1 SUMMARY

- A. Work Included: Provide factory-fabricated fixed hatch railing system.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data.
- B. Shop Drawings: Submit shop drawings including profiles, accessories, location, adjacent construction interface, and dimensions.
- C. Warranty: Submit executed copy of manufacturer's standard warranty.

1.3 QUALITY ASSURANCE

- A. Manufacturer: A minimum of 5 years experience manufacturing similar products.

ROOF HATCH RAIL SYSTEM

- B. Installer: A minimum of 2 years experience installing similar products.
- C. Manufacturer's Quality System: Registered to ISO 9001 Quality Standards including in-house engineering for product design activities.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver products in manufacturer's original packaging. Store materials in a dry, protected, well-vented area. Inspect product upon receipt and report damaged material immediately to delivering carrier and note such damage on the carrier's freight bill of lading.

1.5 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's standard warranty. Materials shall be free of defects in material and workmanship for a period of five years from the date of purchase. Should a part fail to function in normal use within this period, manufacturer shall furnish a new part at no charge.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis-of-Design Manufacturer: Type Bil-Guard® 2.0 Roof Hatch Railing System by The BILCO Company, P.O. Box 1203, New Haven, CT 06505, 800-366-6530, Fax: 1-203-535-1582, Web: www.bilco.com.

2.2 HATCH RAIL SYSTEM

- A. Furnish and install where indicated on plans hatch rail system Model [insert RL2-S; RL2-NB; RL2-L; RL2-E; RL2-F, RL2-SS, RL2-D]. The hatch rail system shall be field assembled and installed (by others) per the manufacturer's instructions.

ROOF HATCH RAIL SYSTEM

B. Performance characteristics:

1. High visibility safety yellow powder coat paint finish (*other colors available as a special order*).
2. Hatch rail system shall attach to the capflashing of the roof hatch and shall not penetrate any roofing material.
3. Hatch rail system shall satisfy the requirements of OSHA 29 CFR 1910.29 and shall meet OSHA strength requirements with a factor of safety of two.
4. Corrosion resistant construction with a five-year warranty.
5. Hinged gate shall ensure continuous barrier around the roof hatch.
6. Self-closing gate hinge and positive latching system provided with hatch rail system.

C. Posts and Rails: 1-1/4" (32mm) 6061 T6 schedule 40 aluminum pipe

D. Hardware: Mounting brackets shall be 3/8" (9mm) thick extruded aluminum. Pivoting post guides with compression fittings and latching mechanism shall be cast aluminum. Self-closing hinges and all fasteners shall be type 316 stainless steel.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and openings for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install products in strict accordance with manufacturer's instructions and approved submittals. Locate units level, plumb, and in proper alignment with adjacent work.
 1. Test units for proper function and adjust until proper operation is achieved.
 2. Repair finishes damaged during installation.
 3. Restore finishes so no evidence remains of corrective work.

ROOF HATCH RAIL SYSTEM

East Side Union High School District

ESUHSD District Office

3.3 ADJUSTING AND CLEANING

- A. Clean exposed surfaces using methods acceptable to the manufacturer which will not damage finish.

END OF SECTION

ROOF HATCH RAIL SYSTEM