

320 Chestnut Street Additions & Renovations for New
Hanover County

Memo

Response to TRC Review Comment

May 8, 2014

To: Jeff Walton, Associate Planner
City of Wilmington

Jeff,

I've copied your TRC review comments below, and provided responses in **bold**. I have also attached revised plans and additional backup information.

The following is a list of comments for review from planning regarding the project. Please provide your corrections as listed below. Additional review will be required once all the needed documents have been provided. Items or documents not provided on initial submission will be subject to further review. Please contact me for any further questions.

- Reminder: CFPUA detail sheets are not required and will not be part of the final documents. Please do not submit the detail sheets. **We will make a note of this for future submittals.**

COA Compliance:

- Please provide building elevation drawings showing call outs and or material types for the following: These will need to be part of the final approved set. **Please see the attached architectural drawing sheets AD1.0, AD2.1, A1.0, A1.1, A1.2, A1.8, A2.0, A2.1, A3.0, A3.1, A3.2, A5.0, A5.1, A5.2, A5.4, A6.0, A6.1, A6.2 & A6.4. These are all part of the contract documents. I've noted below which sheets relate to each item on the COA.**
 - Install replacement windows **A1.1 (Other floors similar), A2.0, A2.1, A3.1, A5.0 & A6.4**
 - Install new storefront windows **A1.0, A2.0, A5.0 & A6.4**
 - Replace sliding door entrance with new doors that reflect the design and style of the original doors **A1.0, A2.0, A6.0, A6.1 & A6.2**
 - Restore the ground floor projecting canopy **AD1.0, A1.0, A1.8, A2.0, A3.0, A5.0 & A5.4**
 - North 3rd Street elevation: remove fire escape, mechanical room door will be removed and door opening will be enclosed with bricks to match the existing bricks **AD2.1 & A2.1**
 - Existing window wall on floors 3-6 will be extended to the west (3rd Street) with a new aluminum glass wall, which will enclose the new space **A2.1 (Floors 3-6 similar), A2.1, A3.1, A3.2 & A5.1**
 - Create a new main entrance, materials include cast stone, painted aluminum and steel canopy **A1.0, A2.1, A3.0 & A5.2**
 - Princess Street elevation: Construct a new wall with metal panels to accommodate new exit stairs. **A1.0, A2.1, A3.2 & A5.4**



Site Plan Comments:

- We don't normally permit projects with just an address, so I renamed the file "NHC 320 Chestnut". Please add NHC to your sheets in the title block. **The full name of the project is too wide to fit on a single line, but is: 320 Chestnut Street Additions & Renovations New Hanover County.**
- Sec. 18-60 (c) (5): Consider adding to sheet C1.1. Additional information is the site data table as follows: **Please see the attached sheet AC1.0 Site & Adjacent Property Owners, modified to provide the information listed below.**
 - Tax Parcel Identification Number
 - Zoning: HD not CBD-HDO
 - Building height
 - Number of stories and square feet per floor
 - Off street parking calculations, including required amount of parking and proposed amount of parking and the basis for determination **Sec. 18-526 (i) (2) exempts projects in the Historic District from providing off street parking when the project is located within 1320 feet of a government owned parking facility where public parking is available. The project qualifies for this exemption as there are several parking facilities within the required distance.**
 - CAMA land use classification
- Sec. 18-60 (c) (12) (13): Show of adjacent properties, zoning and land use including across the street. Sheet AC1.0 **Please see the attached sheet AC1.0 Site & Adjacent Property Owners, modified to provide this information.**
- OPTIONAL: Bicycle parking is recommended, but not required. **We have modified the plans to include parking for four bicycles. Please see sheet C1.1.**
- Is the dumpster proposed behind Thalian Hall associated with this project? **This work was bid as an add alternate. The alternate was declined so the work will not be part of the construction contract.**
 - Dimension parking spaces resulting from the dumpster enclosure.
 - Is there an opportunity to add ground cover adjacent to the walls surrounding the pad?
- A tree preservation/removal permit is required
 - No fee is no trees being removed but will need a permit. **Please see the attached permit application.**
- All federal, state and local permits are required prior to full construction release. This includes, but is not limited to: state storm water, state utility extension permits, wetland disturbance permits, city storm water, tree protection permits, etc. **I have attached a completed City of Wilmington Stormwater Management Permit Application Form to demonstrate the calculations of pervious/impervious area and BMP requirements. Otherwise, applications have been submitted for all required permits that we are aware of.**

Landscape Plan to Include:

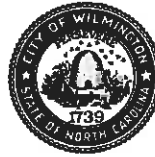
- Dimension landscape islands. Each island must be at least 216 SF. **Dimensions and square footage of landscape islands are provided on sheet C1.1. One island has been enlarged and now includes bicycle parking.**
- Sec. 18-462 (d) (4): Show note on plan stating that prior to any clearing, grading, or construction activity, tree protection fencing will be installed around protected trees or groves of trees. And no construction workers, tools, materials or vehicles are permitted within the tree protection fencing. **Please see sheet AC1.1 for extents of tree protection fence and sheet C5.2 for a detail and additional notes.**

- Include tree protection fencing detail on your plans. **Please see sheet C5.2.**

Please let us know if you need any additional information.

Sunny regards,
Scott

Scott Spike, LEED-AP BD+C



Public Services
 Engineering
 414 Chestnut St, Suite 200
 Wilmington, NC 28401
 910 341-7807
 910 341-5881 fax
 wilmingtonnc.gov
 Dial 711 TTY/Voice

STORMWATER MANAGEMENT PERMIT APPLICATION FORM
 (Form SWP 2.2)

I. GENERAL INFORMATION

1. Project Name (subdivision, facility, or establishment name - should be consistent with project name on plans, specifications, letters, operation and maintenance agreements, etc.):

320 Chestnut Street Additions and Renovations

2. Location of Project (street address):

320 Chestnut Street

City: Wilmington County: New Hanover Zip: 28402

3. Directions to project (from nearest major intersection):

Project located at the southwest intersection of Chestnut St and N. 4th St.

II. PERMIT INFORMATION

1. Specify the type of project (check one): Low Density High Density
 Drains to an Offsite Stormwater System Drainage Plan Other

If the project drains to an Offsite System, list the Stormwater Permit Number(s):

City of Wilmington: _____ State – NCDENR/DWQ: _____

2. Is the project currently covered (whole or in part) by an existing City or State (NCDENR/DWQ) Stormwater Permit? Yes No

If yes, list all applicable Stormwater Permit Numbers:

City of Wilmington: _____ State – NCDENR/DWQ: _____

3. Additional Project Permit Requirements (check all applicable):

CAMA Major Sedimentation/Erosion Control

NPDES Industrial Stormwater 404/401 Permit: Proposed Impacts: _____

If any of these permits have already been acquired please provide the Project Name, Project/Permit Number, issue date and the type of each permit:

III. CONTACT INFORMATION

1. Print Applicant / Signing Official's name and title (specifically the developer, property owner, lessee, designated government official, individual, etc. who owns the project):

Applicant / Organization: New Hanover County

Signing Official & Title: Jim Iannucci, County Engineer

- a. Contact information for Applicant / Signing Official:

Street Address: 230 Government Center Drive

City: Wilmington State: NC Zip: 28403

Phone: 910-798-7142 Fax: 910-798-7051 Email: jiannucci@nhcgov.com

Mailing Address (if different than physical address): _____

City: _____ State: _____ Zip: _____

- b. Please check the appropriate box. The applicant listed above is:

- The property owner (Skip to item 3)
- Lessee* (Attach a copy of the lease agreement and complete items 2 and 2a below)
- Purchaser* (Attach a copy of the pending sales agreement and complete items 2 and 2a below)
- Developer* (Complete items 2 and 2a below.)

2. Print Property Owner's name and title below, if you are the lessee, purchaser, or developer. (This is the person who owns the property that the project is on.)

Property Owner / Organization: _____

Signing Official & Title: _____

- a. Contact information for Property Owner:

Street Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

Mailing Address (if different than physical address): _____

City: _____ State: _____ Zip: _____

3. (Optional) Print the name and title of another contact such as the project's construction supervisor or another person who can answer questions about the project:

Other Contact Person / Organization: John Sawyer / Sawyer Sherwood & Associates Architects

Signing Official & Title: _____

a. Contact information for person listed in item 3 above:

Street Address: 124 Market Street

City: Wilmington State: NC Zip: 28401

Phone: 910-762-0892 Fax: _____ Email: john@s2a3.com

Mailing Address (if different than physical address): _____

City: _____ State: _____ Zip: _____

IV. PROJECT INFORMATION

1. In the space provided below, briefly summarize how the stormwater runoff will be treated.

Existing drainage patterns will be reestablished with a net loss in impervious surface.

2. Total Property Area: 34,308 square feet

3. Total Coastal Wetlands Area: 0 square feet

4. Total Surface Water Area: 0 square feet

5. Total Property Area (2) – Total Coastal Wetlands Area (3) – Total Surface Water Area (4) = Total Project Area: 34,308 square feet.

6. Existing Impervious Surface within Property Area: 33,000 square feet

7. Existing Impervious Surface to be Removed/Demolished: 5,725 square feet

8. Existing Impervious Surface to Remain: 27,275 square feet

9. Total Onsite (within property boundary) Newly Constructed Impervious Surface (*in square feet*):

Buildings/Lots	0
Impervious Pavement	3,650
Pervious Pavement (adj. total, with % credit applied)	0
Impervious Sidewalks	0
Pervious Sidewalks (adj. total, with % credit applied)	0
Other (describe)	0
Future Development	0
Total Onsite Newly Constructed Impervious Surface	3,650

10. Total Onsite Impervious Surface

(Existing Impervious Surface to remain + Onsite Newly Constructed Impervious Surface) = 32,280 square feet

11. Project percent of impervious area: (Total Onsite Impervious Surface / Total Project Area) x100 = 94 %

12. Total Offsite Newly Constructed Impervious Area (improvements made outside of property boundary, in square feet):

Impervious Pavement	0
Pervious Pavement (adj. total, with % credit applied)	0
Impervious Sidewalks	1,766
Pervious Sidewalks (adj. total, with % credit applied)	0
Other (describe)	0
Total Offsite Newly Constructed Impervious Surface	1,766

13. Total Newly Constructed Impervious Surface

(Total Onsite + Offsite Newly Constructed Impervious Surface) = 5416 square feet

14. Complete the following information for each Stormwater BMP drainage area. If there are more than three drainage areas in the project, attach an additional sheet with the information for each area provided in the same format as below. Low Density projects may omit this section and skip to Section V.

Basin Information	(Type of BMP) BMP #	(Type of BMP) BMP #	(Type of BMP) BMP #
Receiving Stream Name			
Receiving Stream Index Number			
Stream Classification			
Total Drainage Area (sf)	0	0	0
On-Site Drainage Area (sf)			
Off-Site Drainage Area (sf)			
Total Impervious Area (sf)	0	0	0
Buildings/Lots (sf)			
Impervious Pavement (sf)			
Pervious Pavement, % credit (sf)			
Impervious Sidewalks (sf)			
Pervious Sidewalks, % credit (sf)			
Other (sf)			
Future Development (sf)			
Existing Impervious to remain (sf)			
Offsite (sf)			
Percent Impervious Area (%)			

15. How was the off-site impervious area listed above determined? Provide documentation:

Survey

V. SUBMITTAL REQUIREMENTS

1. Supplemental and Operation & Maintenance Forms - One applicable City of Wilmington Stormwater BMP supplement form and checklist must be submitted for **each** BMP specified for this project. One applicable proposed operation and maintenance (O&M) form must be submitted for **each type** of stormwater BMP. Once approved, the operation and maintenance forms must be referenced on the final plat and recorded with the register of deeds office.
2. Deed Restrictions and Restrictive Covenants - For all subdivisions, outparcels, and future development, the appropriate property restrictions and protective covenants are required to be recorded prior to the sale of any lot. Due to variability in lot sizes or the proposed BUA allocations, a table listing each lot number, lot size, and the allowable built-upon area must be provided as an attachment to the completed and notarized deed restriction form. The appropriate deed restrictions and protective covenants forms can be downloaded at the link listed in section V (3). Download the latest versions for each submittal.

In instances where the applicant is different than the property owner, it is the responsibility of the property owner to sign the deed restrictions and protective covenants form while the applicant is responsible for ensuring that the deed restrictions are recorded.

By the notarized signature(s) below, the permit holder(s) certify that the recorded property restrictions and protective covenants for this project, if required, shall include all the items required in the permit and listed on the forms available on the website, that the covenants will be binding on all parties and persons claiming under them, that they will run with the land, that the required covenants cannot be changed or deleted without concurrence from the City of Wilmington, and that they will be recorded prior to the sale of any lot.

3. Only complete application packages will be accepted and reviewed by the City. A complete package includes all of the items listed on the City Engineering Plan Review Checklist, including the fee. Copies of the Engineering Plan Review Checklist, all Forms, Deed Restrictions as well as detailed instructions on how to complete this application form may be downloaded from:

<http://www.wilmingtonnc.gov/PublicServices/Engineering/PlanReview/StormwaterPermits.aspx>

The complete application package should be submitted to the following address:

City of Wilmington – Engineering
Plan Review Section
414 Chestnut Street, Suite 200
Wilmington, NC 28402

VI. CONSULTANT INFORMATION AND AUTHORIZATION

1. Applicant: Complete this section if you wish to designate authority to another individual and/or firm (such as a consulting engineer and /or firm) so that they may provide information on your behalf for this project (such as addressing requests for additional information).

Consulting Engineer: Jeff Petroff, PE

Consulting Firm: Coastal Land Design, PLLC

a. Contact information for consultant listed above:

Mailing Address: P.O. Box 1172

City: Wilmington State: NC Zip: 28402

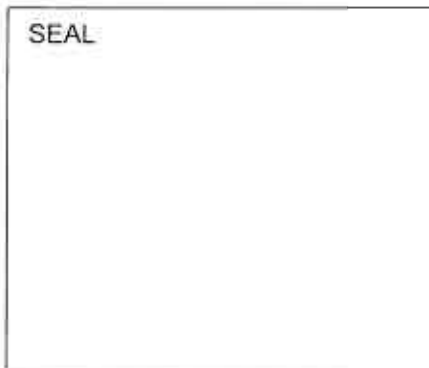
Phone: 910-254-9333 Fax: 910-254-0502 Email: jpetroff@cldeng.com

VII. PROPERTY OWNER AUTHORIZATION (If Section III(2) has been filled out, complete this section)

I, (print or type name of person listed in Contact Information, item 2) _____, certify that I own the property identified in this permit application, and thus give permission to (print or type name of person listed in Contact Information, item 1) _____ with (print or type name of organization listed in Contact Information, item 1) _____ to develop the project as currently proposed. A copy of the lease agreement or pending property sales contract has been provided with the submittal, which indicates the party responsible for the operation and maintenance of the stormwater system.

As the legal property owner I acknowledge, understand, and agree by my signature below, that if my designated agent (entity listed in Contact Information, item 1) dissolves their company and/or cancels or defaults on their lease agreement, or pending sale, responsibility for compliance with the City of Wilmington Stormwater Permit reverts back to me, the property owner. As the property owner, it is my responsibility to notify the City of Wilmington immediately and submit a completed Name/Ownership Change Form within 30 days; otherwise I will be operating a stormwater treatment facility without a valid permit. I understand that the operation of a stormwater treatment facility without a valid permit is a violation of the City of Wilmington Municipal Code of Ordinances and may result in appropriate enforcement including the assessment of civil penalties.

Signature: _____ Date: _____



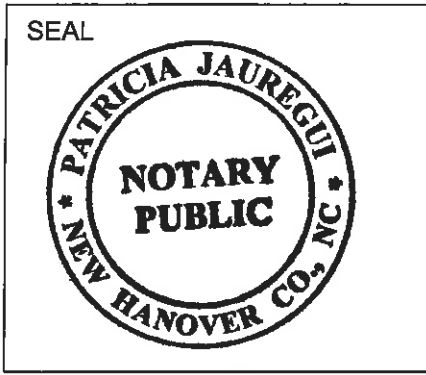
I, _____, a Notary Public for the State of _____, County of _____, do hereby certify that _____ personally appeared before me this day of _____, _____, and acknowledge the due execution of the application for a stormwater permit. Witness my hand and official seal,

My commission expires: _____

VIII. APPLICANT'S CERTIFICATION

I, (print or type name of person listed in Contact Information, item 1) Jim Iannucci certify that the information included on this permit application form is, to the best of my knowledge, correct and that the project will be constructed in conformance with the approved plans, that the required deed restrictions and protective covenants will be recorded, and that the proposed project complies with the requirements of the applicable stormwater rules under.

Signature: *Jim Iannucci* Date: April 14, 2014



I, Patricia Jauregui, a Notary Public for the State of North Carolina, County of New Hanover, do hereby certify that Jim Iannucci personally appeared before me this day of April 14, 2014, and acknowledge the due execution of the application for a stormwater permit. Witness my hand and official seal,
Patricia Jauregui
My commission expires: March 24, 2019

APPLICATION FOR TREE PRESERVATION/REMOVAL PERMIT

Name of Applicant: Scott Spite Sawyer Shorwood & Associates Phone: 910 762-0892 Date: APRIL 24 2014

Name of Property Owner If Not Applicant: NEW HANOVER COUNTY Phone: 910 798-7311

Address: 230 GOVERNMENT CENTER DRIVE Zip Code: 28403

Address of Construction Site or Tree Removal: 320 CHESTNUT STREET

Description of Tree(s) To Be Removed/Reason for Removal: NO TREES WILL BE REMOVED

Description of Replacement Tree(s): 1 EACH OF THE FOLLOWING: LIVE OAK, 2" CAL, 10-12' HT. CRAPPE MYRTLE, 8-9' HT & "Little Gem" MAGNOLIA, 12" CAL, 8-10' HT.

APPROVED:

DENIED:

Code Enforcement Division or Designee _____ Date _____

Reason for Denial: _____

New Construction

Expansion

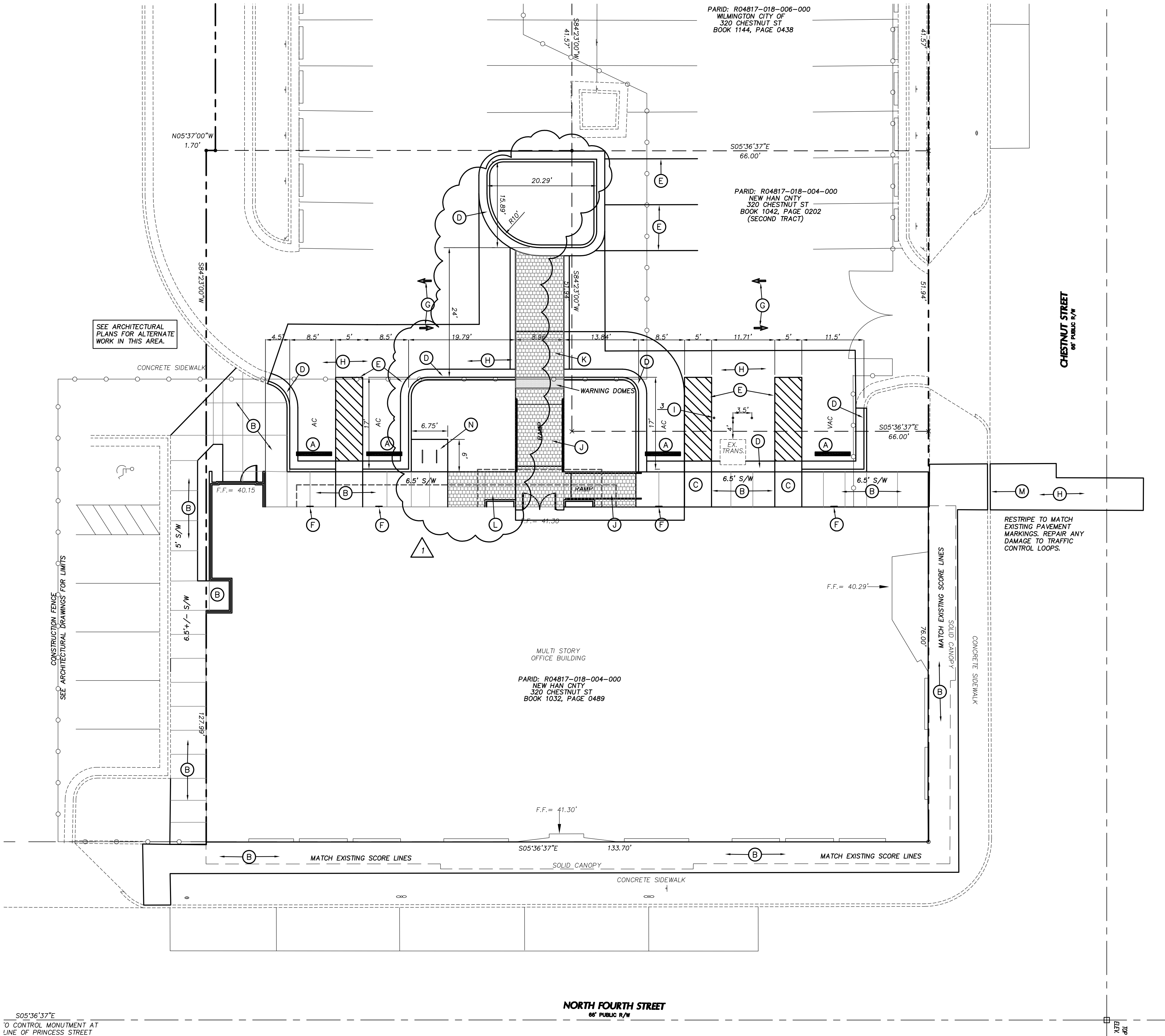
Other

PAID

PARID: R04817-018-006-000
 WILMINGTON CITY OF
 320 CHESTNUT ST
 BOOK 1144, PAGE 0438

PARID: R04817-018-004-000
 NEW HAN CNTY
 320 CHESTNUT ST
 BOOK 1042, PAGE 0202
 (SECOND TRACT)

PARID: R04817-018-004-000
 NEW HAN CNTY
 320 CHESTNUT ST
 BOOK 1032, PAGE 0489



KEY NOTES

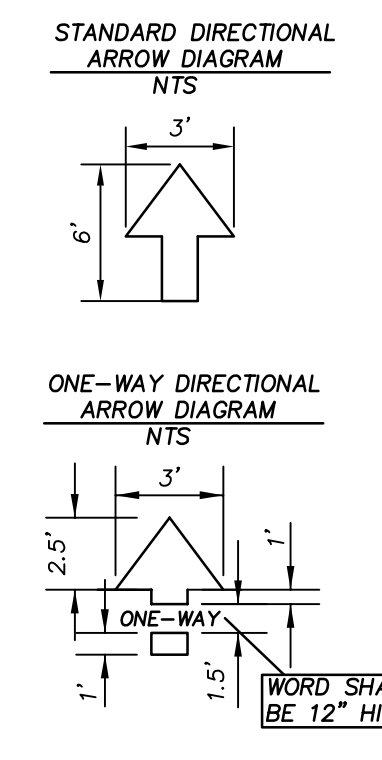
- (A) CONCRETE WHEEL STOPS, SEE DETAIL SHEET C5.1.
- (B) CONCRETE SIDEWALK, SEE DETAIL SHEET C5.1.
- (C) ACCESSIBLE CURB RAMP, SEE DETAIL SHEET C5.1.
- (D) 24" CURB AND GUTTER, SEE DETAIL SHEET 5.1.
- (E) WHITE PARKING SPACE MARKING, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- (F) ACCESSIBLE PARKING SIGNAGE MOUNTED ON BUILDING, SEE DETAIL SHEET C5.1.
- (G) DIRECTIONAL ARROWS, SEE TRAFFIC CONTROL NOTES THIS SHEET
- (H) ASPHALT PAVEMENT, SEE DETAIL SHEET C5.1.
- (I) BOLLARD, SEE DETAIL SHEET C5.1. CONFIRM CLEARANCES WITH DUKE ENERGY PRIOR TO INSTALLATION.
- (J) ACCESSIBLE RAMP, SEE DETAIL SHEET C5.1
- (K) CROSSWALK, SEE DETAIL SHEET C5.1
- (L) 8"X8" CONCRETE PAVERS, SEE DETAIL SHEET C5.1
- (M) REPLACE EXISTING CURB TO CITY OF WILMINGTON STANDARDS AND SPECIFICATIONS.
- (N) NEW BICYCLE RACKS (2) - "BOLA" BY LANDSCAPE FORMS (OR APPROVED EQUAL) INSTALLED PER MANUFACTURERS RECOMMENDATIONS.

GENERAL NOTES

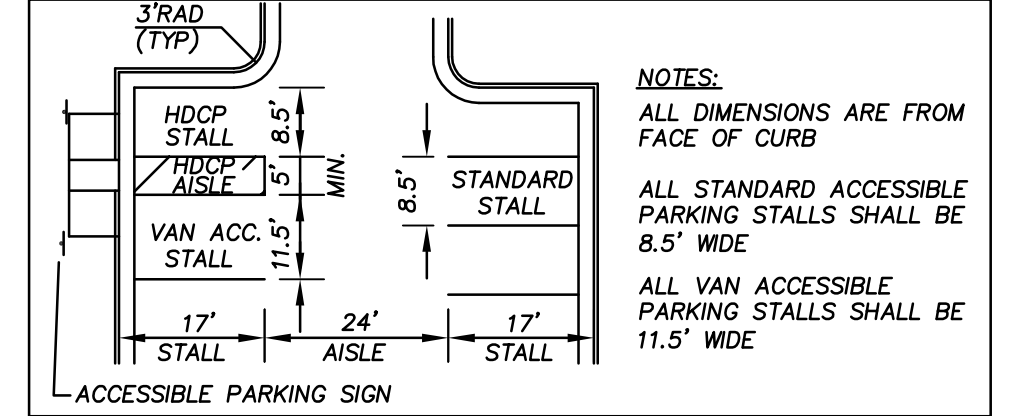
1. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB AND FACE OF BUILDING WALL, UNLESS OTHERWISE INDICATED.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS INDICATED AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
3. CONSTRUCTION STAKE OUT IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF WILMINGTON AND LOCAL STANDARDS AND SPECIFICATIONS.
5. ALL EXISTING ITEMS TO REMAIN: SUCH AS PLANT MATERIAL, IRRIGATION, SOD, SITE WALLS, FENCES, HARDSCAPE, ASPHALT, ETC. THAT ARE DISTURBED OR DAMAGED, SHALL BE REPLACED AND RESTORED TO MATCH PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
6. EXISTING SITE SURVEY INFORMATION WAS TAKEN FROM TOPOGRAPHIC SURVEY BY ARNOLD W. CARSON, PLS, PC DATED 2-11-13. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
7. CONTRACTOR SHALL SUBMIT SCORING PATTERN LAYOUT FOR APPROVAL FOR ALL NEW WALKS PRIOR TO CONCRETE PLACEMENT. EXPANSION AND CONTROL JOINTS SHALL BE SPACED ACCORDING TO SPECIFICATIONS.

TRAFFIC CONTROL NOTES

1. ALL SITE SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS.
2. ALL SIGNS SHALL BE MOUNTED ON EXISTING BUILDING.
3. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD AND NCDOT STANDARDS AND THE PROJECT SPECIFICATIONS.
4. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE WITH REFLECTIVE GLASS BEADS, THERMOPLASTIC MATERIAL SHALL BE SPECIALLY FORMULATED FOR PERMANENT ADHESION TO CONCRETE.
5. ALL SIGNAGE SHALL BE FIELD STAKED AND THE LOCATIONS APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
6. CENTER ALL DIRECTIONAL ARROWS WITHIN TRAVEL LANE.
7. COORDINATE AND INSTALL FIRE LANE MARKINGS AS REQUIRED BY CITY OF WILMINGTON FIRE MARSHAL.
8. ALL PAVEMENT MARKINGS ON CITY STREETS OR ENTRANCE TO RIGHT OF WAY WILL BE THERMO-PLASTIC STOP/YIELD BARS MUST BE 4' BEHIND THE CROSSWALK.
9. ALL TRAFFIC CONTROL DEVICES SHALL MEET THE MUTCD, NC SUPPLEMENT TO THE MUTCD, AND THE CITY OF JACKSONVILLE MSSD STANDARDS.



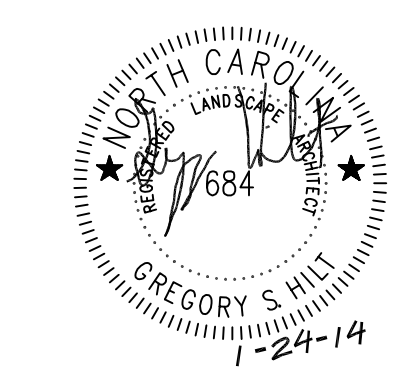
TYP. PARKING DIMENSIONS



John Sawyer Architects

124 Market Street
 Wilmington, NC 28401
 910.762.0892
 johnsawyerarchitects.com

CLH DESIGN, P.A.
 400 Regency Forest Drive
 Suite 120
 Cary, North Carolina 27518
 Phone: (919) 319-8718
 Fax: (919) 319-9718
 LA: C-106
 PE: C-1595



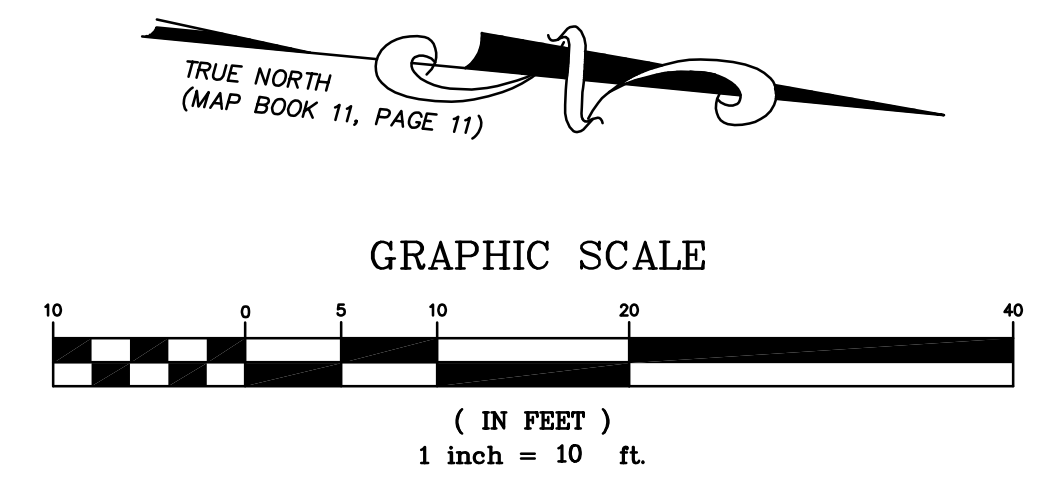
320 Chestnut Street Additions & Renovations

Construction Drawings
 January 24, 2014

Revisions:
 1 May 7, 2014
 Remove parking space, add bicycle racks.

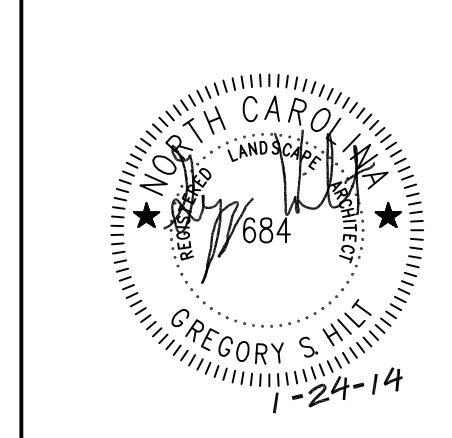
SITE STAKING PLAN

C1.1
 1 of 6



S05°36'37"E
 CONTROL MONUMENT AT LINE OF PRINCESS STREET

100.00'±
 66° PUBLIC R/W



LEGEND

EXISTING CONTOURS	
FINISH CONTOURS	
EXISTING SPOT ELEVATION	69.3+
PROPOSED SPOT ELEVATION	70.50
PROPOSED SPOT ELEVATION (TOP OF CURB)	57.80
EXISTING STORM PIPE	
TREE PROTECTION FENCE	
TEMPORARY SILT FENCE	

GRADING GENERAL NOTES

1. ALL SPOT ELEVATIONS INDICATED AT CURB AND GUTTER ARE TO TOP OF CURB, UNLESS OTHERWISE SHOWN. ALL OTHER SPOT ELEVATIONS INDICATE GROUND/PAVEMENT GRADE.
2. CONSTRUCTION LIMITS: 0.36 AC. TOTAL DISTURBED AREA: 0.11 AC.
3. CONTRACTOR SHALL ADJUST ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. TO MATCH FINISH GRADE (WHETHER OR NOT SHOWN ON THE DRAWINGS).
4. ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNER'S INDEPENDENT TESTING LABORATORY (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION).
5. ALL STORM DRAIN PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER STOPPAGE OF WORK EACH DAY. SEE DETAIL SHEET.
6. EXISTING VEGETATION WITHIN TREE PROTECTION AREAS SHALL REMAIN UNDISTURBED, UNLESS NOTED OTHERWISE.
7. THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE.
8. THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY STATE AUTHORITIES OR THE ARCHITECT.
9. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEARING AND GRADING WASTE MATERIALS GENERATED DURING HIS PHASE OF WORK AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
10. ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING GRADING OPERATIONS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

EROSION CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF SITE. ALL OFF-SITE SOIL BORROW AND WASTE SITES SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITIES.
2. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL AUTHORITIES OR ARCHITECT.
3. ALL OPEN STORM PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER WORK STOPPAGE EACH DAY.
4. ALL STORM DRAINAGE PIPES SHALL BE THOROUGHLY FLUSHED OF ALL SEDIMENT FOLLOWING SITE STABILIZATION. INTERIOR FLUSHING OF SYSTEM SHALL BE PERFORMED AS NEEDED TO MAINTAIN PROPER FUNCTIONING OF THE SYSTEM.
5. SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY STOCKPILED WITHIN THE CONSTRUCTION LIMITS PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES. STOCKPILES SHALL BE STABILIZED AS REQUIRED AS INDICATED IN THE SLOPE & SURFACE STABILIZATION NOTES.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL NCDENR, NEW HANOVER COUNTY STANDARDS AND PROJECT SPECIFICATIONS.

MAINTENANCE PLAN

1. DURING ALL PHASES OF CONSTRUCTION, GROUND COVER ON EXPOSED SLOPES SHALL BE PROVIDED ACCORDING TO GROUND STABILIZATION TABLE (THIS SHEET) FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
2. FINAL PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED OR DEVELOPMENT AREAS ACCORDING TO GROUND STABILIZATION TABLE (THIS SHEET) FOLLOWING COMPLETION OF CONSTRUCTION.
3. THE ABOVE REQUIREMENTS ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL AND SCHEDULES WHICH MAY EXCEED THOSE ABOVE. REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS.

SLOPE & SURFACE STABILIZATION

GROUND STABILIZATION SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO FOLLOWING SCHEDULE:

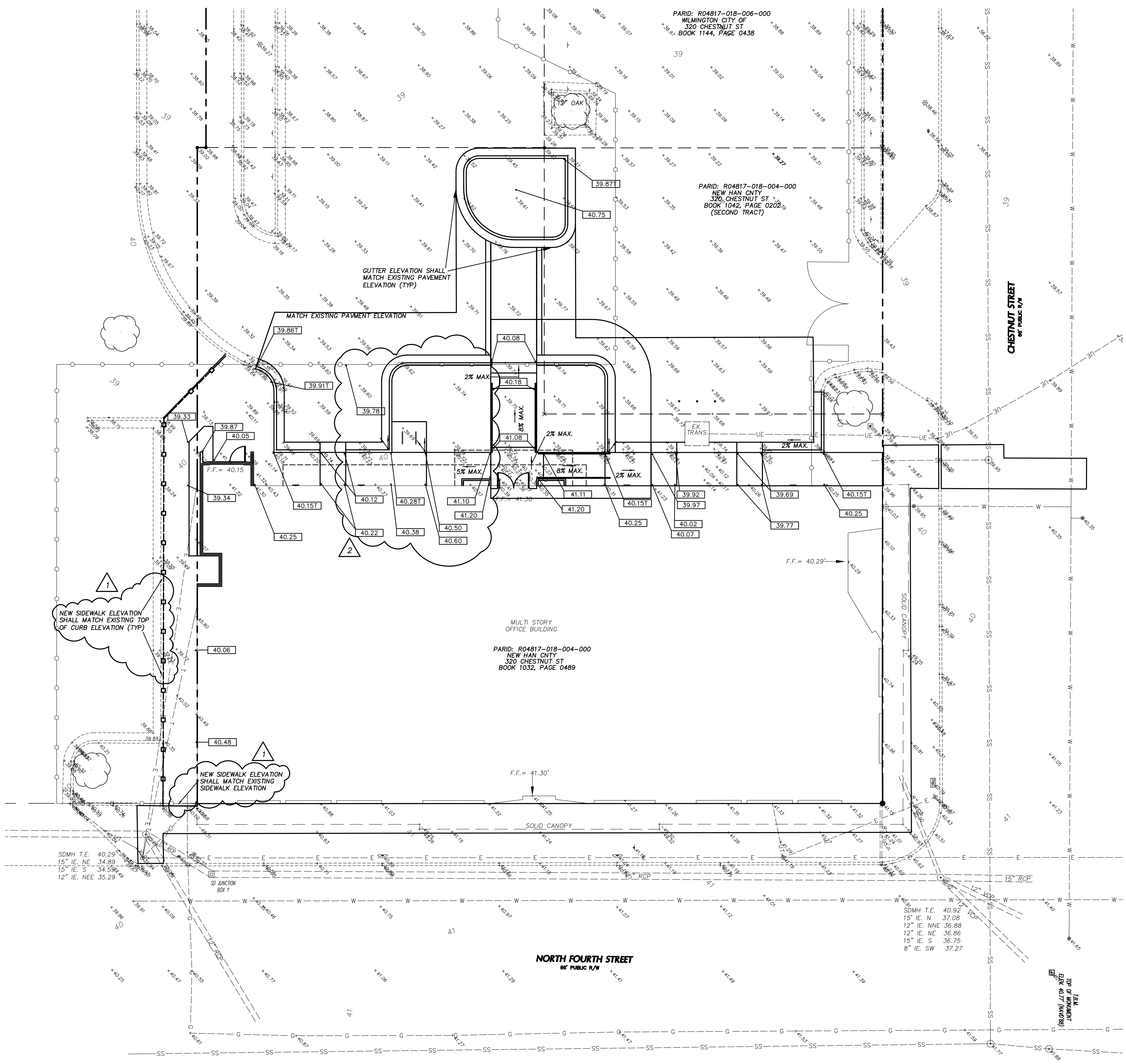
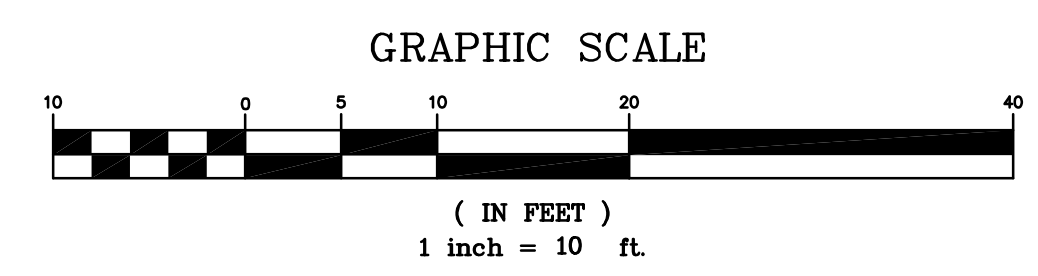
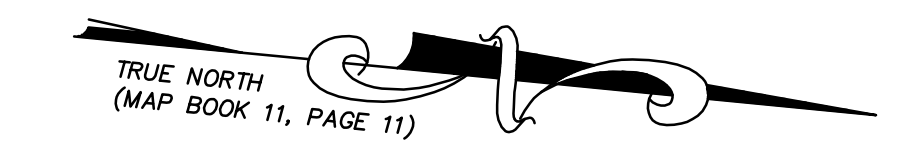
SITE AREA DESCRIPTION	GROUND STABILIZATION	
	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HOW ZONES).

EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE (SECTION II.B(2) (b)).

THE ABOVE REQUIREMENTS ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED THOSE ABOVE.

INSTALL SLOPE EROSION CONTROL MATTING FOR TEMPORARY STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (3:1 OR STEEPER). REFER TO SPECIFICATION SECTION 311000 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.

INSTALL GROUND COVER ON EXPOSED SLOPES WITHIN 21 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING; PERMANENT GROUND COVER FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT



320 Chestnut Street Additions & Renovations

Construction Drawings
January 24, 2014

Revisions:

- 1 April 9, 2014 Add elevation notes per Engineering comment
- 2 May 7, 2014 Remove parking space, add bicycle racks.

SITE GRADING AND EROSION CONTROL PLAN

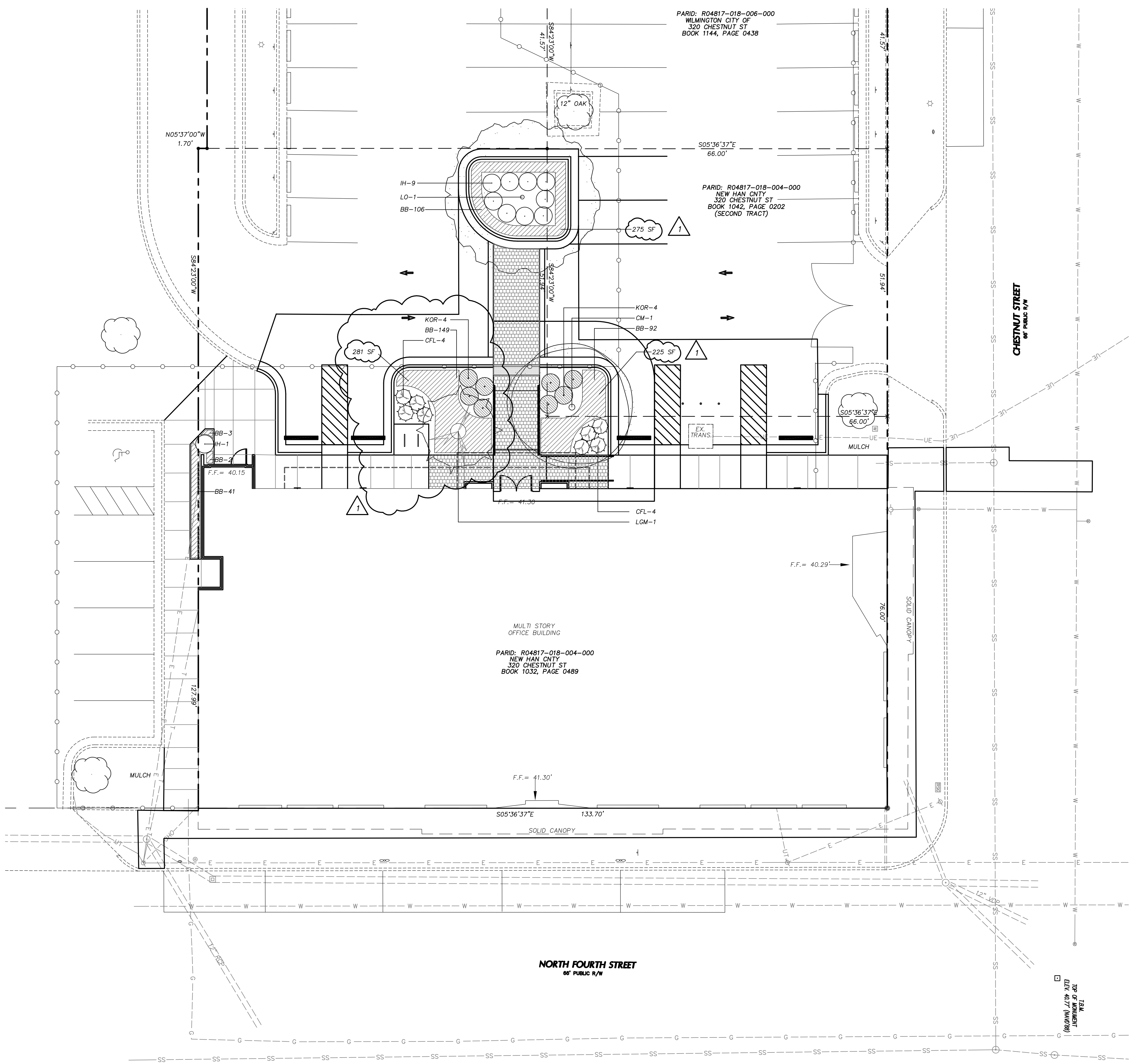
C3.1

3 of 6

PARID: R04817-018-006-000
 WILMINGTON CITY OF
 320 CHESTNUT ST
 BOOK 1144, PAGE 0438

PARID: R04817-018-004-000
 NEW HAN CITY
 320 CHESTNUT ST
 BOOK 1042, PAGE 0202
 (SECOND TRACT)

PARID: R04817-018-004-000
 NEW HAN CITY
 320 CHESTNUT ST
 BOOK 1032, PAGE 0489



PLANT LIST

KEY	QTY.	PLANT NAME	SIZE	REMARKS
TREES, SHRUBS AND GROUNDCOVERS				
BB	393	BIG BLUE LIRIOPE LIRIOPE MUSCARI 'BIG BLUE'	5-7 BIBS CONT.	SPACING 12" O.C.
CFL	8	CRIMSON FIRE LOROPETALUM LOROPETALUM CHINENSE 'CRIMSON FIRE'	15"-18" HT. CONT.	FULL PLANTS SPACING 3' O.C.
CM	1	CRAPE MYRTLE LAGERSTROEMIA INDICA x FAURIEI 'MUSKOGEE'	8'-9" HT. CONT.	3-5 TRUNK SPECIMEN
IH	9	SNOW WHITE INDIAN HAWTHORN RHAPHIOLEPIS UMBELLATA 'SNOW WHITE'	15"-18" HT CONT.	FULL PLANTS MATCHING 42" O.C.
KOR	8	DOUBLE KNOCK OUT ROSE ROSA 'RADTKO'	15"-18" HT CONT.	FULL PLANTS MATCHING 42" O.C.
LGM	1	LITTLE GEM MAGNOLIA MAGNOLIA GRANDIFLORA 'LITTLE GEM'	2" CAL. 8'-10" HT., B&B	FULL CROWN, MATCHING, STRAIGHT TRUNK
LO	1	LIVE OAK QUERUS VIRGINIANA	2" CAL. 10'-12" HT., B&B	FULL CROWN, MATCHING, STRAIGHT TRUNK

GRAPHIC SYMBOLS SUPERSEDE WRITTEN QUANTITIES WHERE DISCREPANCIES OCCUR.

LANDSCAPE NOTES

- LOCATE ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PLANT MATERIAL. NOTIFY OWNER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE SHOWN ON THE PLAN.
- VERIFICATION OF TOTAL QUANTITIES AS SHOWN ON THE PLANT LIST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE TOTAL QUANTITIES SHALL BE AS SHOWN ON THE PLAN.
- ALL PLANT MATERIAL SHALL CONFORM WITH THE STANDARDS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSEYMEN AND THE WRITTEN SPECIFICATIONS.
- PLANTING BEDS TO BE MULCHED WITH A MINIMUM OF 3" OF TRIPLE SHREDDED HARDWOOD. ALL PLANT GROUPINGS SHALL BE MULCHED AS ONE BED.
- ESTABLISH POSITIVE DRAINAGE IN ALL PLANTING BEDS AND AWAY FROM BUILDINGS.
- APPLY PRE-EMERGENT HERBICIDE TO ALL NEW PLANTING BEDS AT MANUFACTURER'S RECOMMENDED RATE PRIOR TO INSTALLATION OF MULCH.
- DO NOT INSTALL PLANT MATERIAL IN IMPERVIOUS SOILS (i.e. HOLES WHICH, WHEN FILLED WITH WATER, DO NOT COMPLETELY DRAIN WITHIN TWO HOURS.)
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL PLANTS AT HIS COST FROM HIS OWN WATER SOURCE INCLUDING DURING PERIODS OF DROUGHT UNTIL PROJECT ACCEPTANCE. ANY WATERING OR MAINTENANCE REQUIRED AFTER PROJECT ACCEPTANCE SHALL BE AT OWNERS COST.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL EQUIPMENT & SUBCONTRACTORS AWAY FROM PLANTED AREAS. IF DAMAGE OCCURS, THROUGH NO FAULT OF THE OWNER, AREAS SHALL BE RE-PLANTED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL WATER AND MAINTAIN THOSE AREAS UNTIL THEY ARE AT 95-100% COVERAGE OR HAVE PROJECT ACCEPTANCE.
- SUBSTITUTIONS OF PLANT MATERIAL SHALL ONLY BE ACCEPTED 60 DAYS PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. SUBSTITUTION REQUESTS MUST BE IN WRITING AND WILL ONLY BE ACCEPTED FOR LACK OF AVAILABILITY REASONS WHICH CAN BE SUBSTANTIATED OR FOR SUPERIOR STOCK SUBSTITUTIONS.
- ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS SHOWN TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADD'L COST TO THE OWNER.

TOPSOIL

TOPSOIL IS TO BE PROVIDED FOR THE CONTRACT AND INSTALLED BY THE CONTRACTOR PRIOR TO THE SITE BEING TURNED OVER TO OWNER.

TOPSOIL SHALL BE PREMIXED AND PRESCREENED PRIOR TO PLACING.

TOPSOIL SHALL BE 3 PARTS SANDY-LOAM WITH A pH OF 5.5-6.5 RANGE AND 1 PART COMPOSTED PINE BARK ORGANIC MATERIAL.

A MINIMUM OF 4" TOPSOIL SHALL BE APPLIED IN DISTURBED AREAS AND A MINIMUM OF 12" TOPSOIL IS TO BE APPLIED IN ALL LANDSCAPE PLANT BED AREAS.

PRIOR TO TOPSOIL APPLICATION, THE CONTRACTOR SHALL SCARIFY THE SOIL AREAS WHERE TOPSOIL IS TO BE APPLIED TO A DEPTH OF 1 FOOT AND REMOVE AND HAUL OFF ALL CONSTRUCTION DEBRIS BEFORE SPREADING THE TOPSOIL.

NO SCARIFICATION OR SUBSOILING SHALL BE DONE WITHIN THE DRIPLINE OF ANY EXISTING TREE TO REMAIN.

TREE PROTECTION

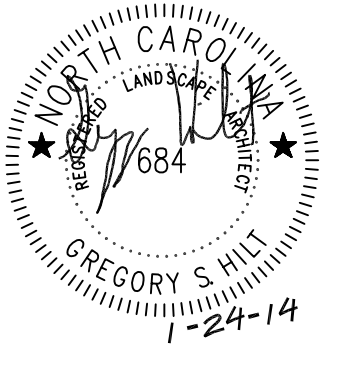
PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES, AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING. SEE SHEET CS.2 FOR TREE PROTECTION DETAIL.

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 Cary, North Carolina 27518
 Phone: (919) 319-8718
 Fax: (919) 319-7518
 LA: C-106
 PE: C-1595



320 Chestnut Street Additions & Renovations

Construction Drawings
 January 24, 2014

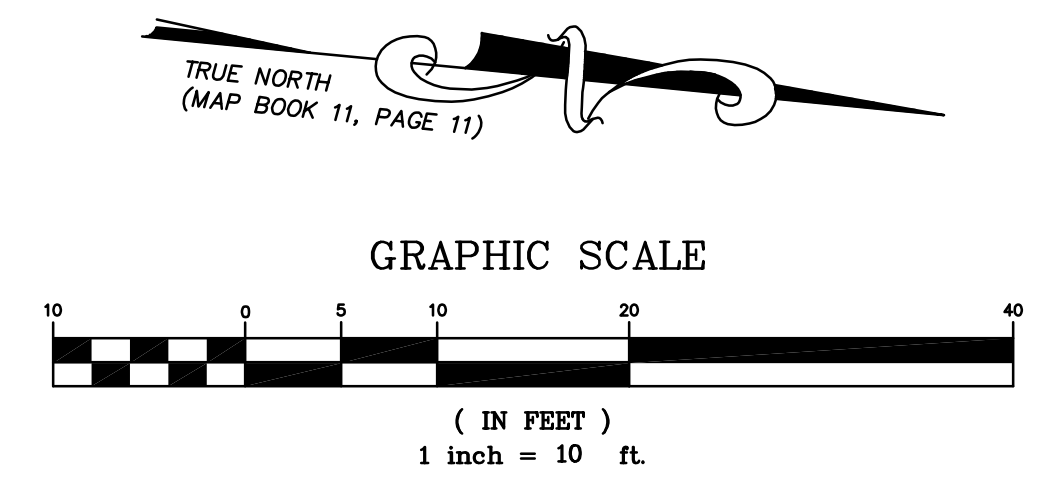
Revisions:

1 May 7, 2014
 Remove parking space, add bicycle racks. Add notes.

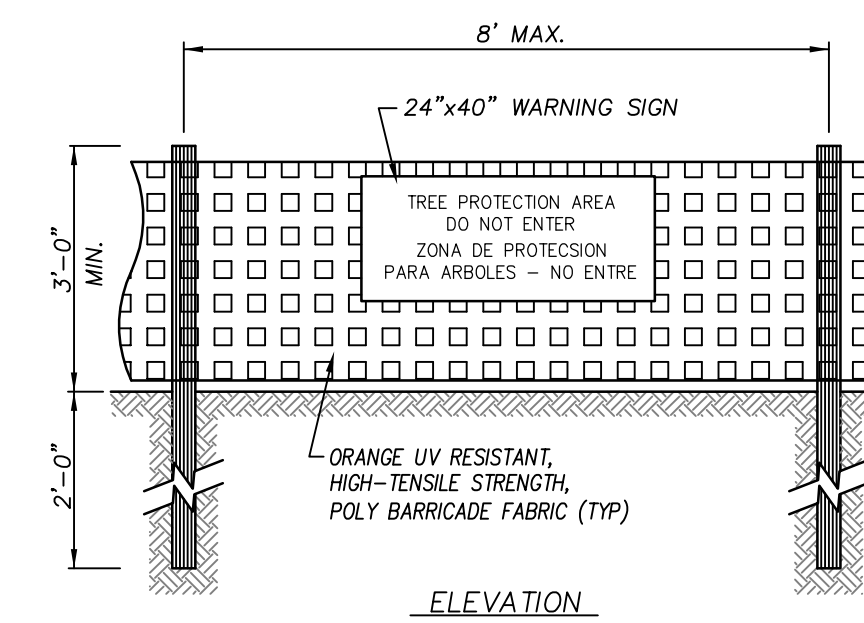
SITE PLANTING PLAN

C4.1

4 of 6



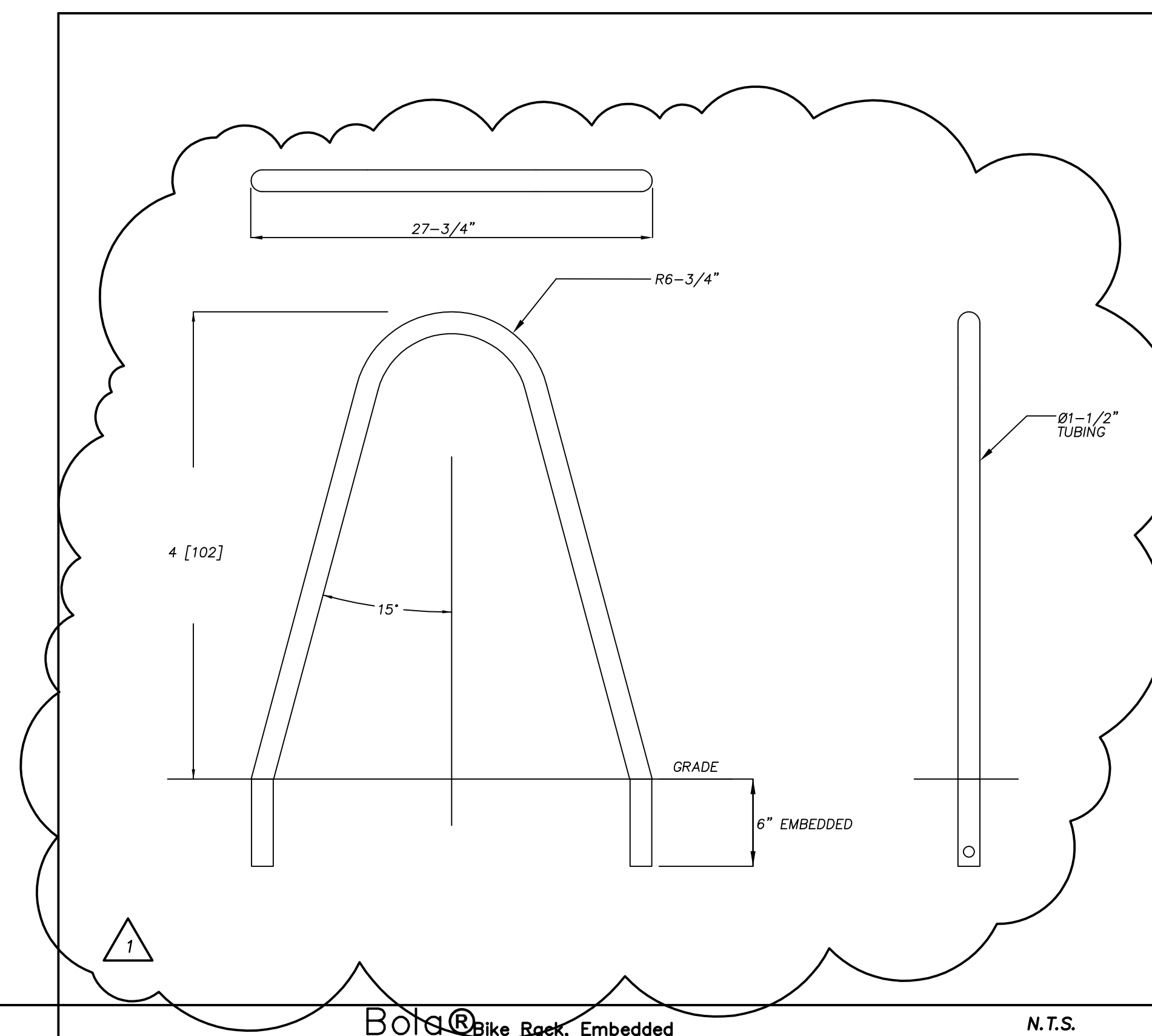
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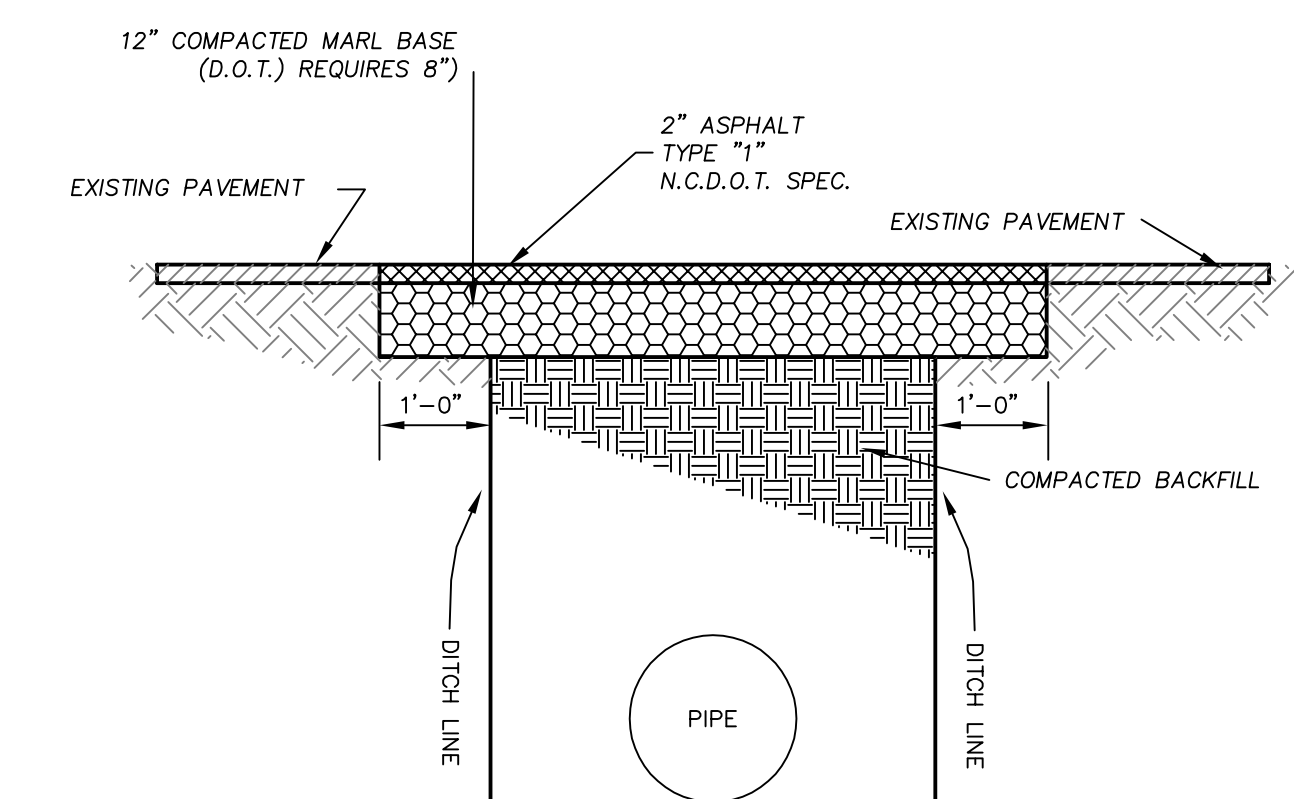
NOTES:

1. INSTALL TREE PROTECTION FENCING PRIOR TO PERFORMING ANY CLEARING OF THE SITE.
2. WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
3. LETTERS TO BE 3" TALL AND CLEARLY LEGIBLE.
4. SIGNS SHALL BE PLACED AT 100' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 100' ON CENTER THEREAFTER.
5. FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
6. ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
7. MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.

TREE PROTECTION FENCE N.T.S.



Bold® Bike Rack, Embedded N.T.S.



NOTES:

- * BACKFILL TO BE INSTALLED IN 6" LIFTS (MAXIMUM) AND COMPACTED TO A MINIMUM DENSITY OF 95% AS DETERMINED BY THE MODIFIED A.A.S.H.T.O. STANDARD METHOD T-99
- * CUT - BACK TO BE PREPARED AFTER TRENCH BACKFILLING AND COMPACTION

STANDARD SHOWING METHOD MAKING PAVEMENT REPAIRS WHERE PIPE IS INSTALLED

PAVEMENT REPAIRS SD-1-05 N.T.S.

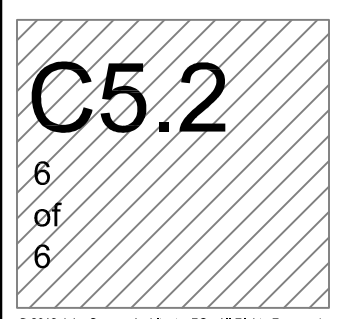
320 Chestnut Street Additions & Renovations

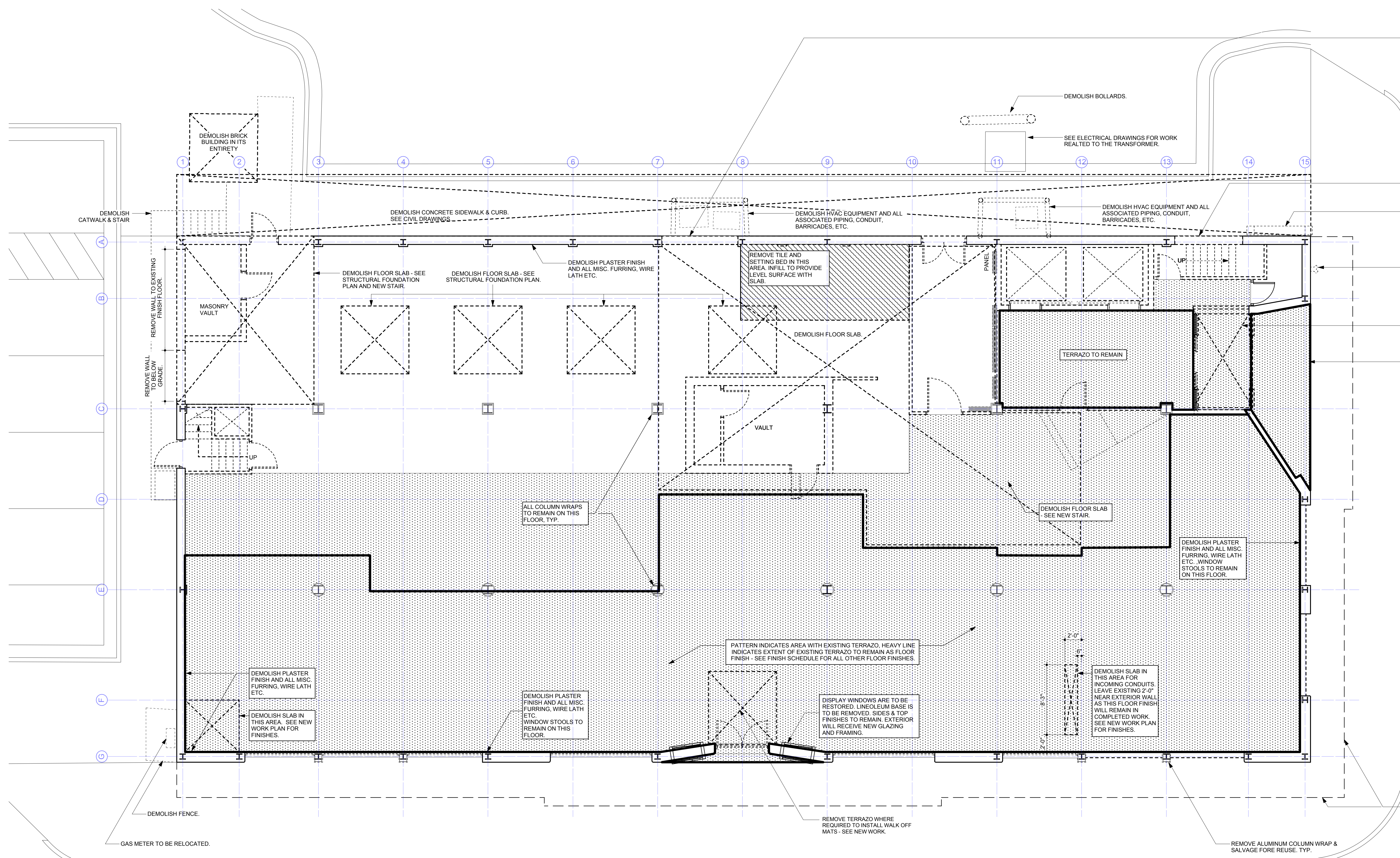
Construction Drawings
January 24, 2014

Revisions:

1 May 7, 2014
Add bicycle racks.

SITE DETAILS





DEMOLISH BRICK BUILDING IN ITS ENTIRETY

DEMOLISH CONCRETE SIDEWALK & CURB. SEE CIVIL DRAWINGS

DEMOLISH HVAC EQUIPMENT AND ALL ASSOCIATED PIPING, CONDUIT, BARRICADES, ETC.

DEMOLISH HVAC EQUIPMENT AND ALL ASSOCIATED PIPING, CONDUIT, BARRICADES, ETC.

DEMOLISH WALL TO CREATE NEW OPENING FOR CURTAIN WALL - SEE NEW WORK.

DEMOLISH COLLISION BARRIER AND CUT STEEL 4" BELOW NEW SIDEWALK.

REMOVE FDC AND DELIVER TO OWNER.

REMOVE TERRAZO WHERE REQUIRED TO INSTALL WALK OFF MATS - SEE NEW WORK.

REMOVE CARPET & ADHESIVE FROM EXISTING TERRAZO.

DEMOLISH BOLLARDS.

SEE ELECTRICAL DRAWINGS FOR WORK RELATED TO THE TRANSFORMER.

DEMOLISH FLOOR SLAB - SEE STRUCTURAL FOUNDATION PLAN AND NEW STAIR.

DEMOLISH FLOOR SLAB - SEE STRUCTURAL FOUNDATION PLAN.

DEMOLISH PLASTER FINISH AND ALL MISC. FURRING, WIRE LATH ETC.

REMOVE TILE AND SETTING BED IN THIS AREA, INFILL TO PROVIDE LEVEL SURFACE WITH SLAB.

DEMOLISH FLOOR SLAB.

TERRAZO TO REMAIN

DEMOLISH FLOOR SLAB - SEE NEW STAIR.

DEMOLISH PLASTER FINISH AND ALL MISC. FURRING, WIRE LATH ETC. WINDOW STOOLS TO REMAIN ON THIS FLOOR.

REMOVE WALL TO EXISTING FINISH FLOOR.

REMOVE WALL TO RE-LEVEL GRADE.

MASONRY VAULT

VAULT

ALL COLUMN WRAPS TO REMAIN ON THIS FLOOR, TYP.

PATTERN INDICATES AREA WITH EXISTING TERRAZO, HEAVY LINE INDICATES EXTENT OF EXISTING TERRAZO TO REMAIN AS FLOOR FINISH - SEE FINISH SCHEDULE FOR ALL OTHER FLOOR FINISHES.

DEMOLISH PLASTER FINISH AND ALL MISC. FURRING, WIRE LATH ETC.

DEMOLISH SLAB IN THIS AREA. SEE NEW WORK PLAN FOR FINISHES.

DEMOLISH PLASTER FINISH AND ALL MISC. FURRING, WIRE LATH ETC. WINDOW STOOLS TO REMAIN ON THIS FLOOR.

DISPLAY WINDOWS ARE TO BE RESTORED. LINEOLEUM BASE IS TO BE REMOVED. SIDES & TOP FINISHES TO REMAIN. EXTERIOR WILL RECEIVE NEW GLAZING AND FRAMING.

DEMOLISH SLAB IN THIS AREA FOR INCOMING CONDUITS. LEAVE EXISTING 2" NEAR EXTERIOR WALL AS THIS FLOOR FINISH WILL REMAIN IN COMPLETED WORK. SEE NEW WORK PLAN FOR FINISHES.

REMOVE TERRAZO WHERE REQUIRED TO INSTALL WALK OFF MATS - SEE NEW WORK.

REMOVE ALUMINUM COLUMN WRAP & SALVAGE FOR REUSE, TYP.

DEMOLISH FENCE.

GAS METER TO BE RELOCATED.

- NOTES:**
1. ANY AND ALL PLUMBING, MECHANICAL, AND ELECTRICAL SHALL BE DEMOLISHED UNLESS NOTED TO REMAIN.
 2. ADDITIONAL FLOOR SLAB DEMOLITION OTHER THAN THAT SHOWN ON THESE PLANS MAY BE REQUIRED FOR NEW PME SERVICE. GC TO REFER TO PME DRAWINGS AND SPECIFICATIONS.
 3. COMPLETE DEMOLITION OF ALL CEILINGS ON ALL FLOORS.

Demolition Legend	
	Existing wall to remain
	Demolish wall
	Demolish door, frame & hardware.
	Demolish window & frame
	Demolish louver
	Demolish

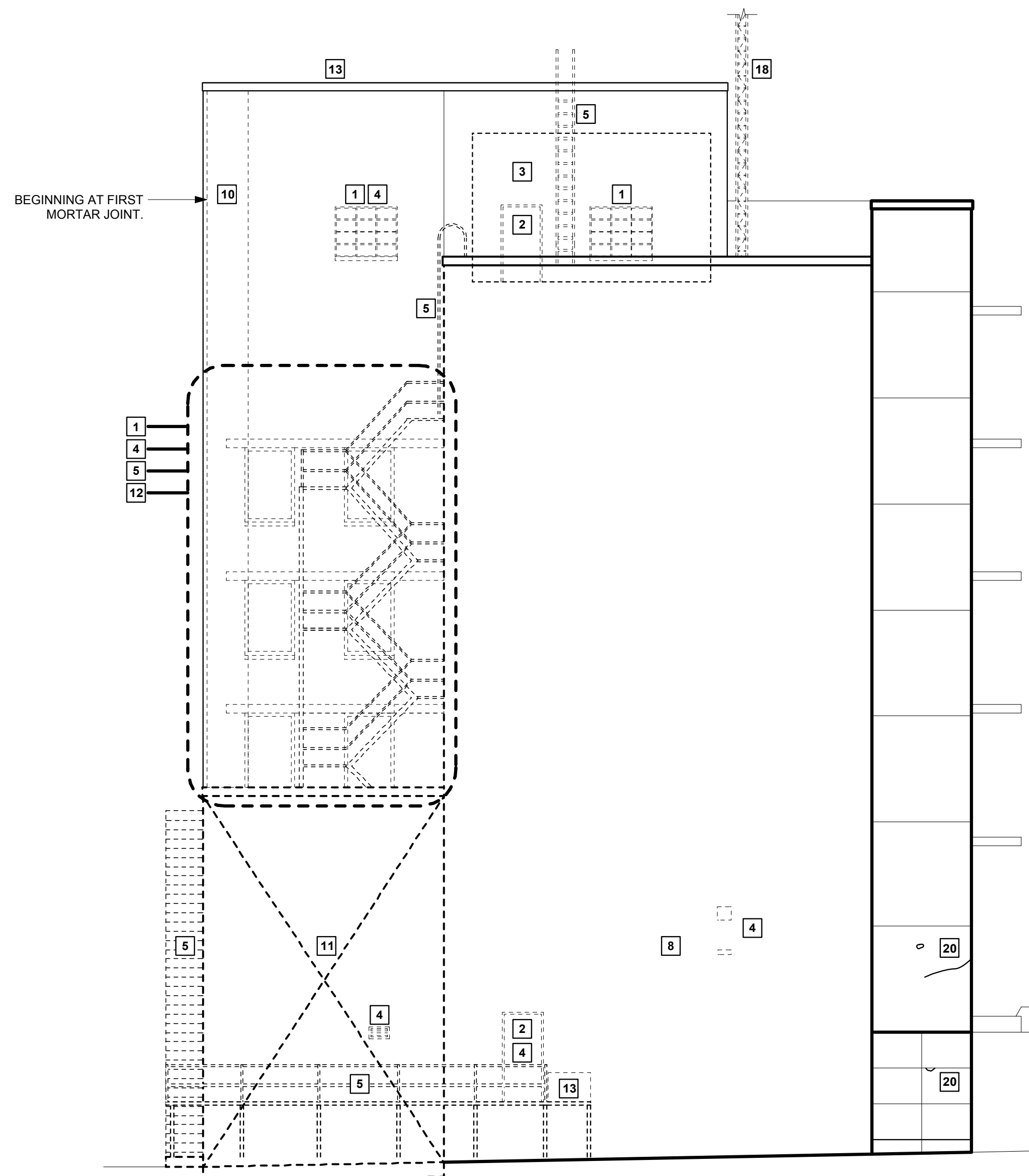
CANOPY SOFFIT HAS BEEN REMOVED, EXPOSING STEEL STRUCTURE. DAMAGED STEEL FRAMING AND DECK SHALL BE REPAIRED WITH NEW MATERIALS. FIELD STRUCTURAL ENGINEER SHALL REVIEW AND APPROVE PROPOSED REPAIRS PRIOR TO BEGINNING REPAIR WORK.

CANOPY IS TO BE RESTORED USING EXISTING ALUMINUM FASCIA AND NEON TUBING. CAREFULLY REMOVE ITEMS ABOVE PRIOR TO DEMOLISHING ROOFING, WOOD BLOCKINGS, AND SOFFIT FURRING. WHERE ALUMINUM FASCIA IS DAMAGED OR MISSING, FABRICATE REPLACEMENTS USING ALUMINUM TRIM SALVAGED FROM COLUMN WRAPS ON WEST ELEVATION. MATCH COLOR & PROFILE - SEE DETAIL 7-A5.4. EXISTING STEEL STRUCTURE IS TO REMAIN AND BE REPAIRED AS REQ.

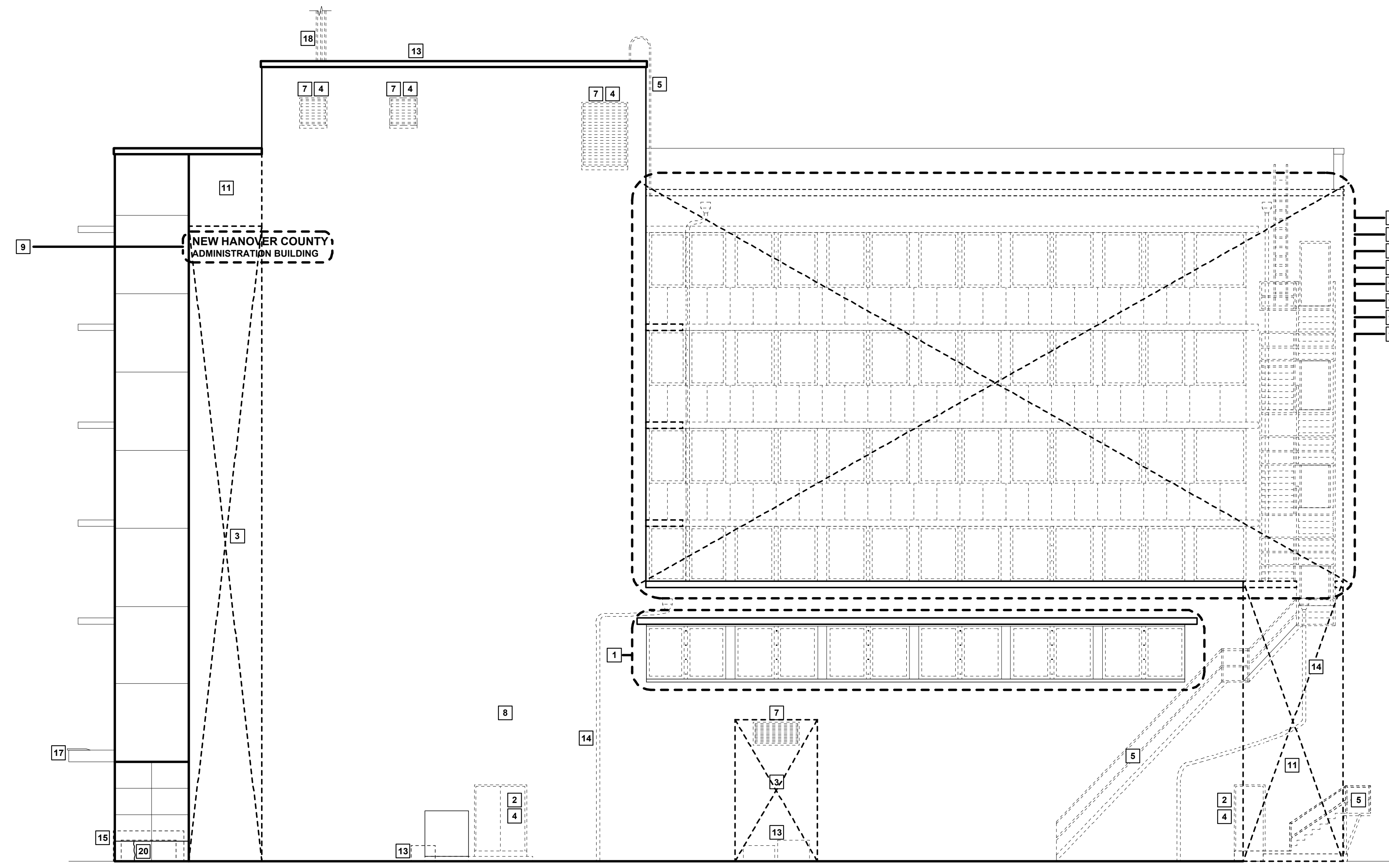
PRIOR TO ANY CANOPY RELATED WORK TAKING PLACE, AN ON-SITE MEETING WITH THE ARCHITECT'S OFFICE IS REQUIRED.

1 First Floor Demolition Plan
Scale: 3/16" = 1'-0"

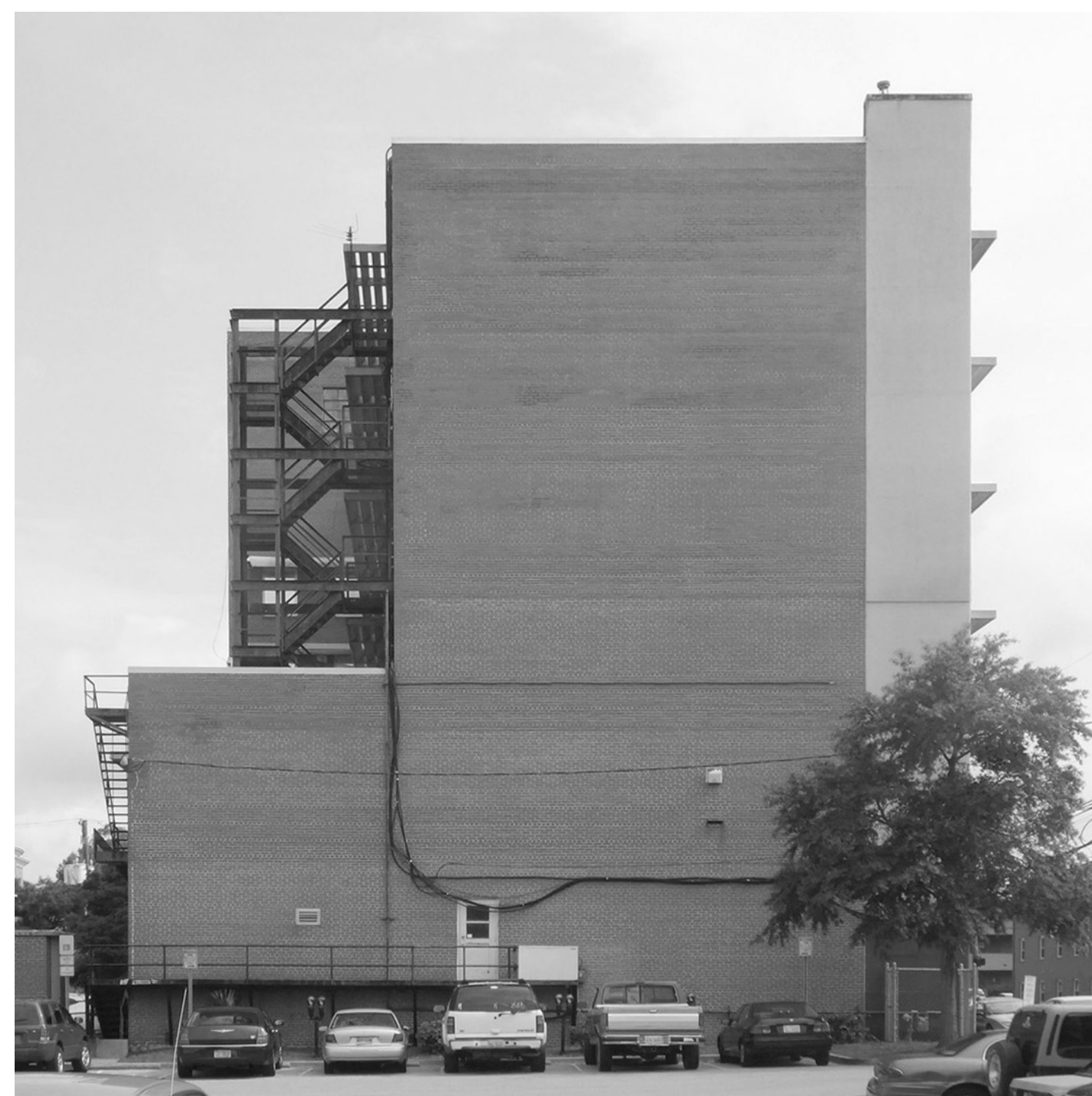




1 South Demolition Elevation
AD2.1 Scale: 1/8" = 1'-0"



2 West Demolition Elevation
AD2.1 Scale: 1/8" = 1'-0"

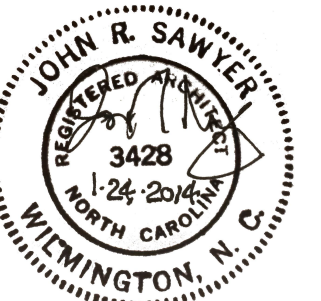


3 South Elevation Pre-Demolition
AD2.1 Scale: 1/8" = 1'-0"



4 West Elevation Pre-Demolition
AD2.1 Scale: 1/8" = 1'-0"

Demolition Key Notes	
1	Demolish existing window & frame
2	Demolish existing door, frame, & hardware
3	Cut opening for new storefront/curtain wall/door
4	Where opening will be infilled with new construction to match existing, remove brick sills.
5	Demolish existing fire stair, catwalk, & ladder
6	Remove existing blue wall panels & salvage for reuse. Panels to be removed carefully, and stored in case damaged panels need to be replaced on North and East elevations. If panels are reused, remove all sealant from surface, clean and polish panels and reinstall in new work.
7	Demolish existing exterior louver and brick sill
8	Demolish existing conduit, refrigerant lines, cabling, other misc. piping
9	Demolish existing building lettering
10	Demolish brick veneer
11	Demolish existing wall construction & facade
12	Remove existing solar shades & salvage for reuse
13	Demolish existing mechanical equipment
14	Demolish existing conductor head & downspout
15	Demolish existing collision barrier
16	Remove aluminum column wraps & salvage for reuse. Striated panels to be removed carefully, have all sealant removed/cleaned from surface, sent off to be re-anodized, and reinstalled in new work.
17	See AD1.0 for canopy work
18	Demolish antenna
19	Cut opening for new louver
20	Precast concrete panels with cracks to be repaired



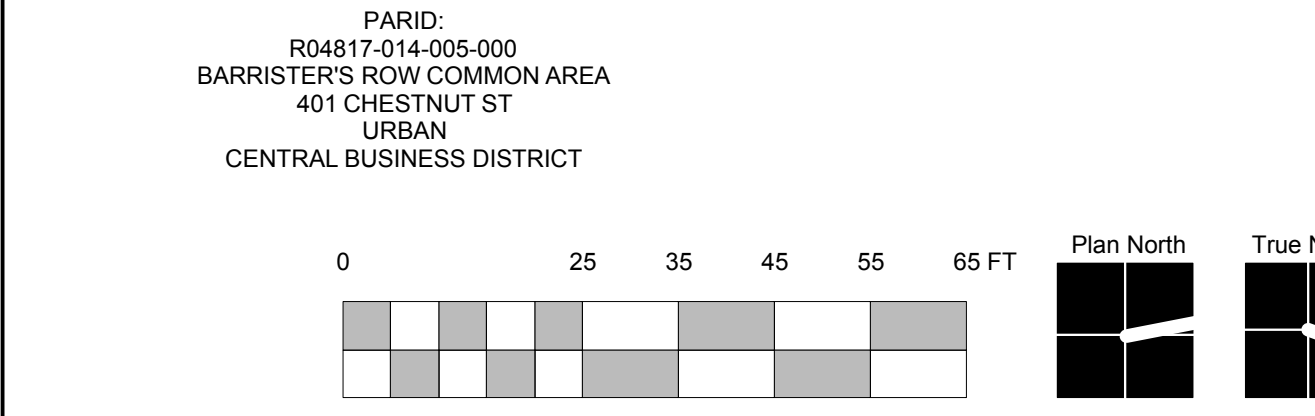
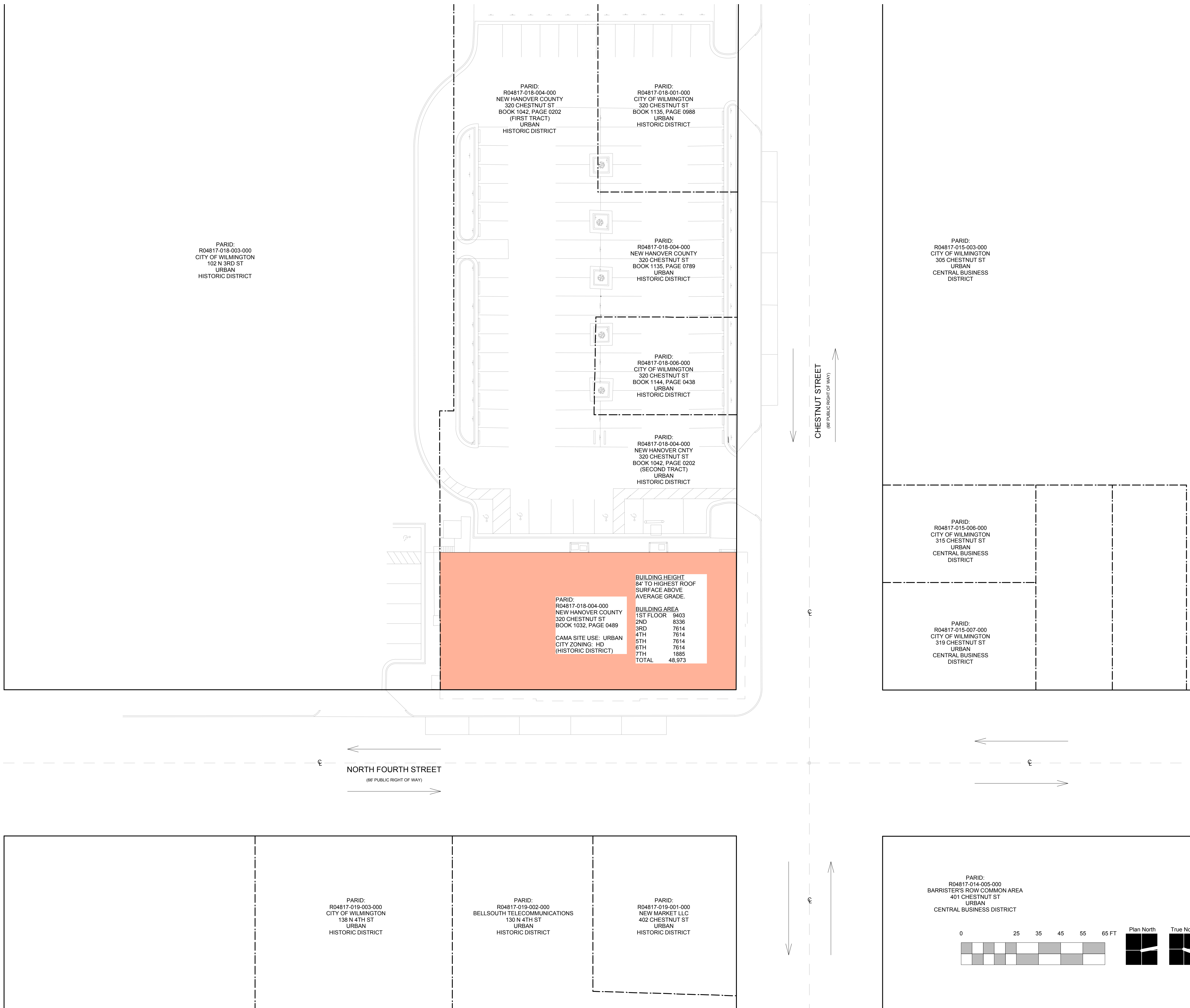


320 Chestnut Street Additions & Renovations
New Hanover County

Construction Drawings
January 24, 2014

Revisions:

Site & Adjacent Property Owners



PRINCESS STREET
(66' PUBLIC RIGHT OF WAY)

CHESTNUT STREET
(66' PUBLIC RIGHT OF WAY)

NORTH FOURTH STREET
(66' PUBLIC RIGHT OF WAY)

PARID:
R04817-018-003-000
CITY OF WILMINGTON
102 N 3RD ST
URBAN
HISTORIC DISTRICT

PARID:
R04817-018-004-000
NEW HANOVER COUNTY
320 CHESTNUT ST
BOOK 1042, PAGE 0202
(FIRST TRACT)
URBAN
HISTORIC DISTRICT

PARID:
R04817-018-001-000
CITY OF WILMINGTON
320 CHESTNUT ST
BOOK 1135, PAGE 0988
URBAN
HISTORIC DISTRICT

PARID:
R04817-018-004-000
NEW HANOVER COUNTY
320 CHESTNUT ST
BOOK 1135, PAGE 0789
URBAN
HISTORIC DISTRICT

PARID:
R04817-018-006-000
CITY OF WILMINGTON
320 CHESTNUT ST
BOOK 1144, PAGE 0438
URBAN
HISTORIC DISTRICT

PARID:
R04817-018-004-000
NEW HANOVER CNTY
320 CHESTNUT ST
BOOK 1042, PAGE 0202
(SECOND TRACT)
URBAN
HISTORIC DISTRICT

PARID:
R04817-018-004-000
NEW HANOVER COUNTY
320 CHESTNUT ST
BOOK 1032, PAGE 0489
CAMA SITE USE: URBAN
CITY ZONING: HD
(HISTORIC DISTRICT)

PARID:
R04817-015-003-000
CITY OF WILMINGTON
305 CHESTNUT ST
URBAN
CENTRAL BUSINESS DISTRICT

PARID:
R04817-015-006-000
CITY OF WILMINGTON
315 CHESTNUT ST
URBAN
CENTRAL BUSINESS DISTRICT

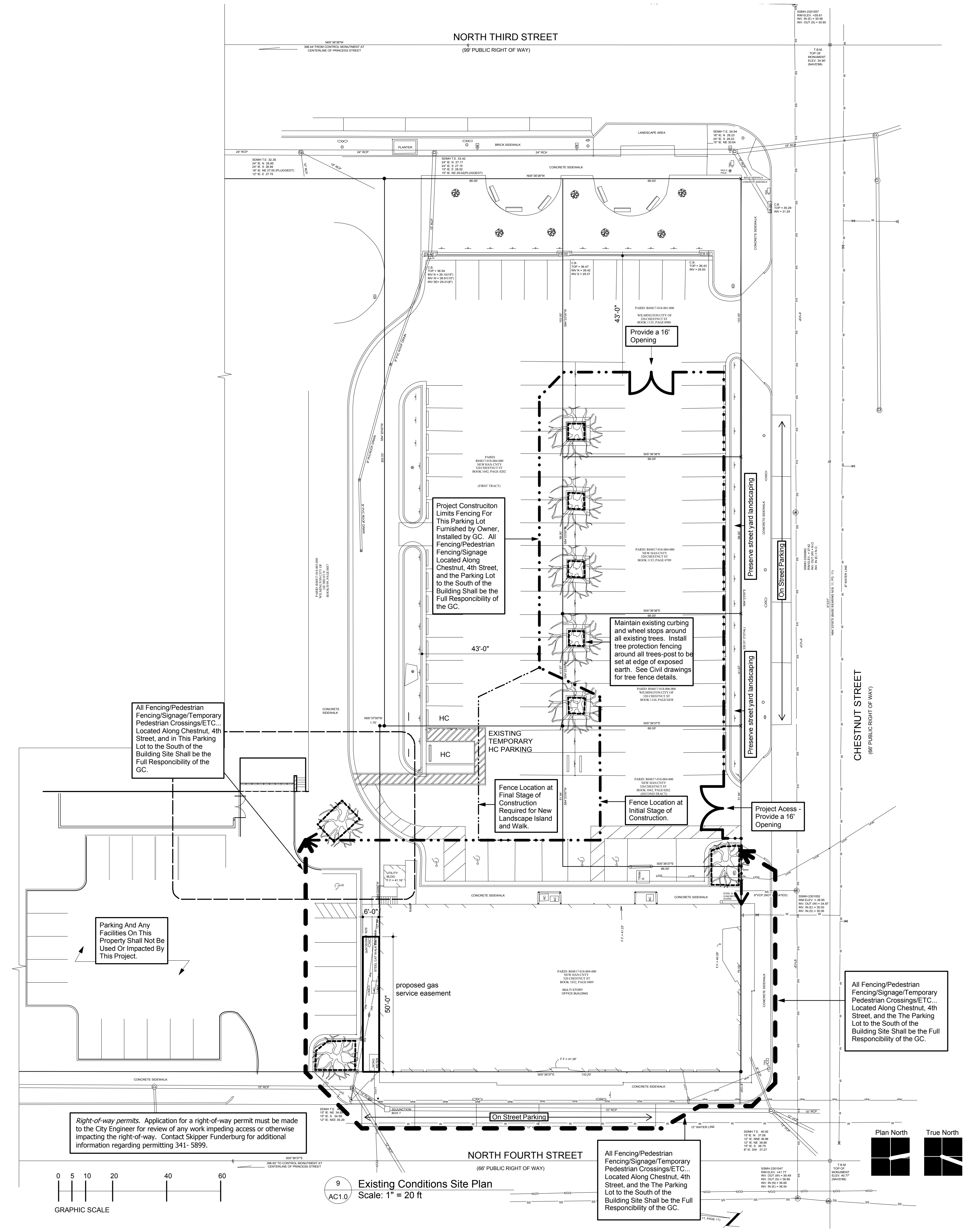
PARID:
R04817-015-007-000
CITY OF WILMINGTON
319 CHESTNUT ST
URBAN
CENTRAL BUSINESS DISTRICT

PARID:
R04817-019-003-000
CITY OF WILMINGTON
138 N 4TH ST
URBAN
HISTORIC DISTRICT

PARID:
R04817-019-002-000
BELL SOUTH TELECOMMUNICATIONS
130 N 4TH ST
URBAN
HISTORIC DISTRICT

PARID:
R04817-019-001-000
NEW MARKET LLC
402 CHESTNUT ST
URBAN
HISTORIC DISTRICT

PARID:
R04817-014-005-000
BARRISTER'S ROW COMMON AREA
401 CHESTNUT ST
URBAN
CENTRAL BUSINESS DISTRICT



All Fencing/Pedestrian Fencing/Signage/Temporary Pedestrian Crossings/ETC... Located Along Chestnut, 4th Street, and in This Parking Lot to the South of the Building Site Shall be the Full Responsibility of the GC.

Project Construction Limits Fencing For This Parking Lot Furnished by Owner, Installed by GC. All Fencing/Pedestrian Fencing/Signage Located Along Chestnut, 4th Street, and the Parking Lot to the South of the Building Site Shall be the Full Responsibility of the GC.

Maintain existing curbing and wheel stops around all existing trees. Install tree protection fencing around all trees-post to be set at edge of exposed earth. See Civil drawings for tree fence details.

Fence Location at Final Stage of Construction Required for New Landscape Island and Walk.

Fence Location at Initial Stage of Construction.

Project Access Provide a 16' Opening

Parking And Any Facilities On This Property Shall Not Be Used Or Impacted By This Project.

All Fencing/Pedestrian Fencing/Signage/Temporary Pedestrian Crossings/ETC... Located Along Chestnut, 4th Street, and the The Parking Lot to the South of the Building Site Shall be the Full Responsibility of the GC.

Right-of-way permits. Application for a right-of-way permit must be made to the City Engineer for review of any work impeding access or otherwise impacting the right-of-way. Contact Skipper Funderburg for additional information regarding permitting 341- 5899.

All Fencing/Pedestrian Fencing/Signage/Temporary Pedestrian Crossings/ETC... Located Along Chestnut, 4th Street, and the The Parking Lot to the South of the Building Site Shall be the Full Responsibility of the GC.

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STAFFORD CONSULTING ENGINEERS
A Terracon Company
Building Envelope Systems Specialists



320 Chestnut Street
Additions & Renovations
New Hanover County

Construction Drawings
January 24, 2014

Revisions:

Construction Fence Plan and Off Site Improvements

AC1.1
of 1 Sheets

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320 Chestnut Street Additions & Renovations

New Hanover County

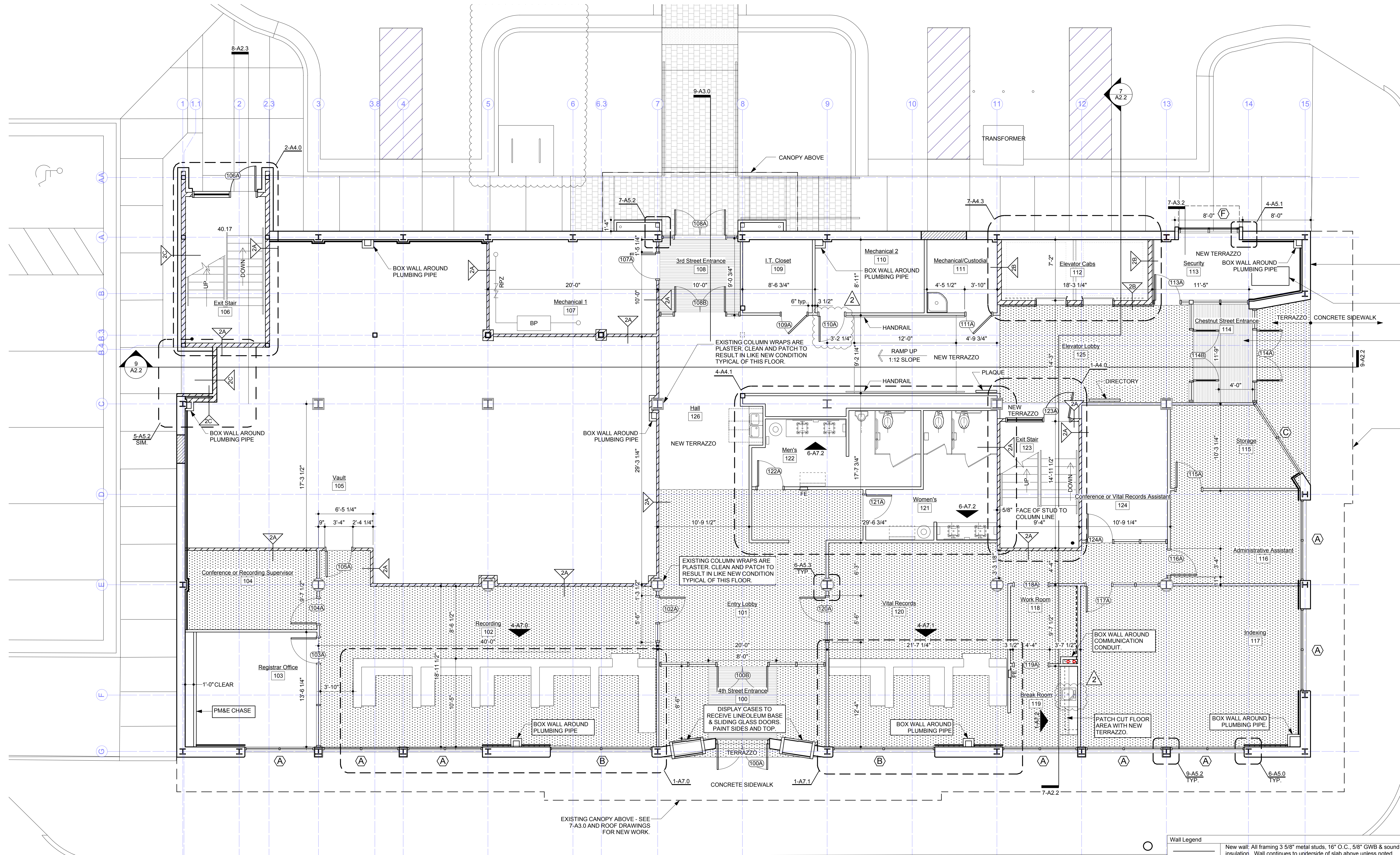
Construction Drawings
January 24, 2014

Revisions:

2 April 8, 2014
Revised to relocate break room sink and change door swing.

3 May 8, 2014
Increase size of landscape island and add bike racks.

First Floor Plan



PROVIDE BRONZE CAP TO COVER PIPE REMAINING FROM REMOVED FDC.

PUMP EXISTING VALVE BOX DRY, FILL WITH ABC STONE, PROVIDE 4" SLAB FLUSH WITH EXISTING SLAB.

PATTERN INDICATES RECESSED WALK OFF MAT, TYPICAL.

EXISTING CANOPY ABOVE - SEE 7-A3.0 AND ROOF DRAWINGS FOR NEW WORK.

CHESTNUT STREET

FOURTH STREET

1 First Floor Plan
Scale: 3/16" = 1'-0"

- Notes**
- Dimensions are to the face of framework to face of framework, unless the wall aligns with a column line then it is dimensioned to the center.
 - Plumbing, Mechanical, and Electrical running through floors will require core drilling of the existing slab.
 - All areas where slab was demolished is to be replaced with new work.

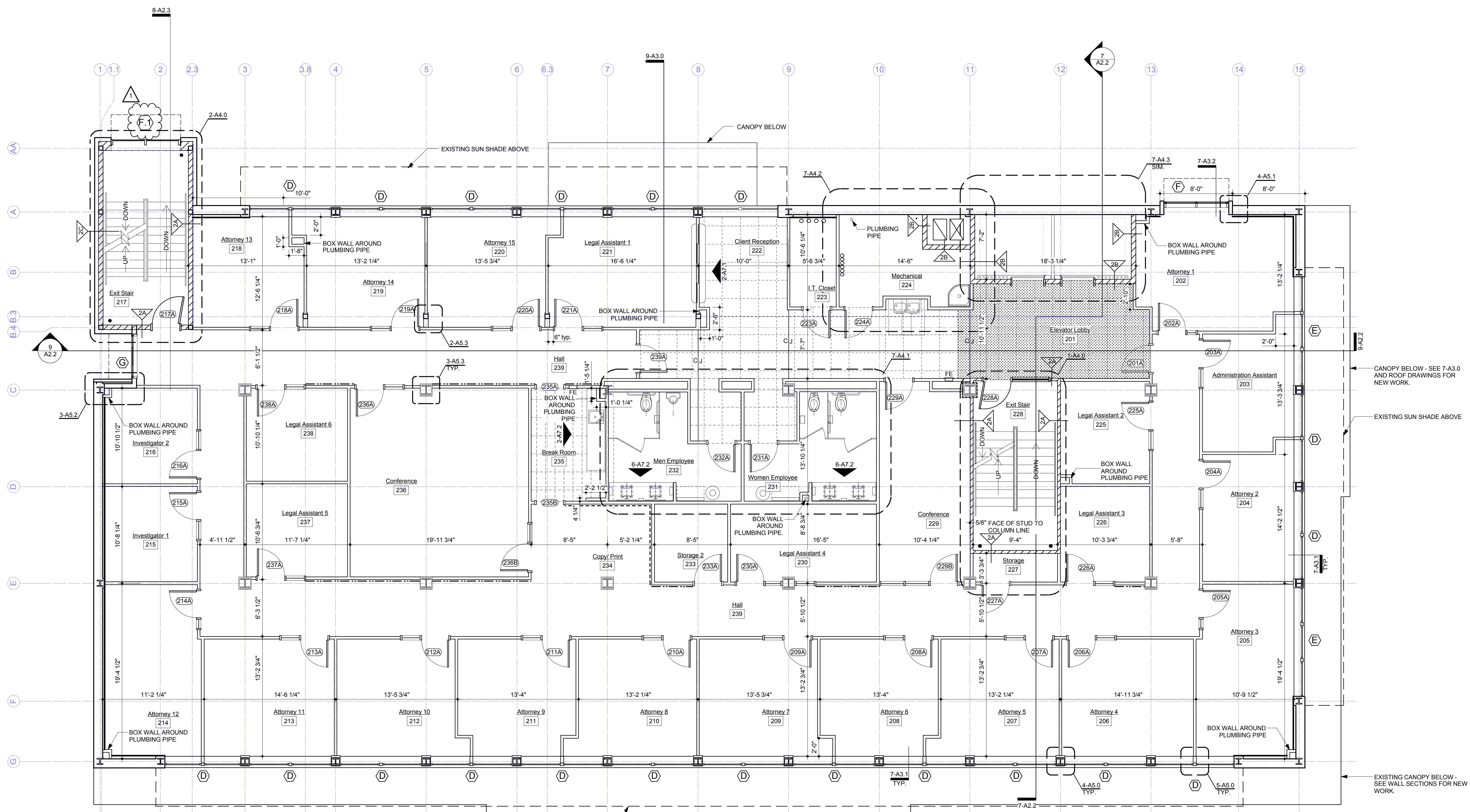
Wall Legend	
	New wall: All framing 3 5/8" metal studs, 16" O.C., 5/8" GWB & sound insulation. Wall continues to underside of slab above unless noted otherwise.
	Fire barrier.
	1 1/2" Hat channels and 5/8" GWB on exterior walls.
	Provide 4 rows of 12" wide, 20 gauge backing plate. Coordinate blocking heights with Architect.
	UL419 1 HR Fire rating.
	U419 2 HR Fire rating, 2 layers of 1/2" GWB on each side of stud.
	Shaft Wall - U415 2 HR Fire rating.
	U411 2 HR Fire rating.
	Extent of existing terrazzo to be refurbished.
	Fire Extinguisher and Cabinet.

320 Chestnut Street Additions & Renovations
New Hanover County

Construction Drawings
January 24, 2014

Revisions:
1 ADDENDUM #1, 3/21/14

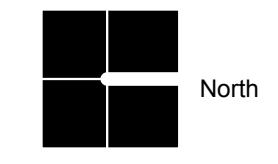
Second Floor Plan



1 Second Floor Plan
A1.1 Scale: 3/16" = 1'-0"

- Notes**
- Dimensions are to the face of framework to face of framework, unless the wall aligns with a column line then it is dimensioned to the center.
 - Plumbing, Mechanical, and Electrical running through floors will require core drilling of the existing slab.
 - All areas where slab was demolished is to be replaced with new work.

Wall Legend	
	New wall: All framing 3 5/8" metal studs, 16" O.C., 5/8" GWB & sound insulation, wall continues to underside of slab above, unless noted otherwise
	Fire barrier.
	1 1/2" Hat channels and 5/8" GWB on exterior walls.
	Provide 4 rows of 12" wide, 20 gauge backing plate. Coordinate blocking heights with Architect.
	Provide 1 row of 12" wide, 20 gauge backing plate. Coordinate blocking height with Architect.
	Fire rate around column.
	1 HR Fire rating.
	U419 2 HR Fire rating, 2 layers of 1/2" GWB on each side of stud.
	Shaft Wall - U415 2 HR Fire rating.
	U411 2 HR Fire rating.
	Fire Extinguisher and Cabinet.



320 Chestnut Street Additions & Renovations

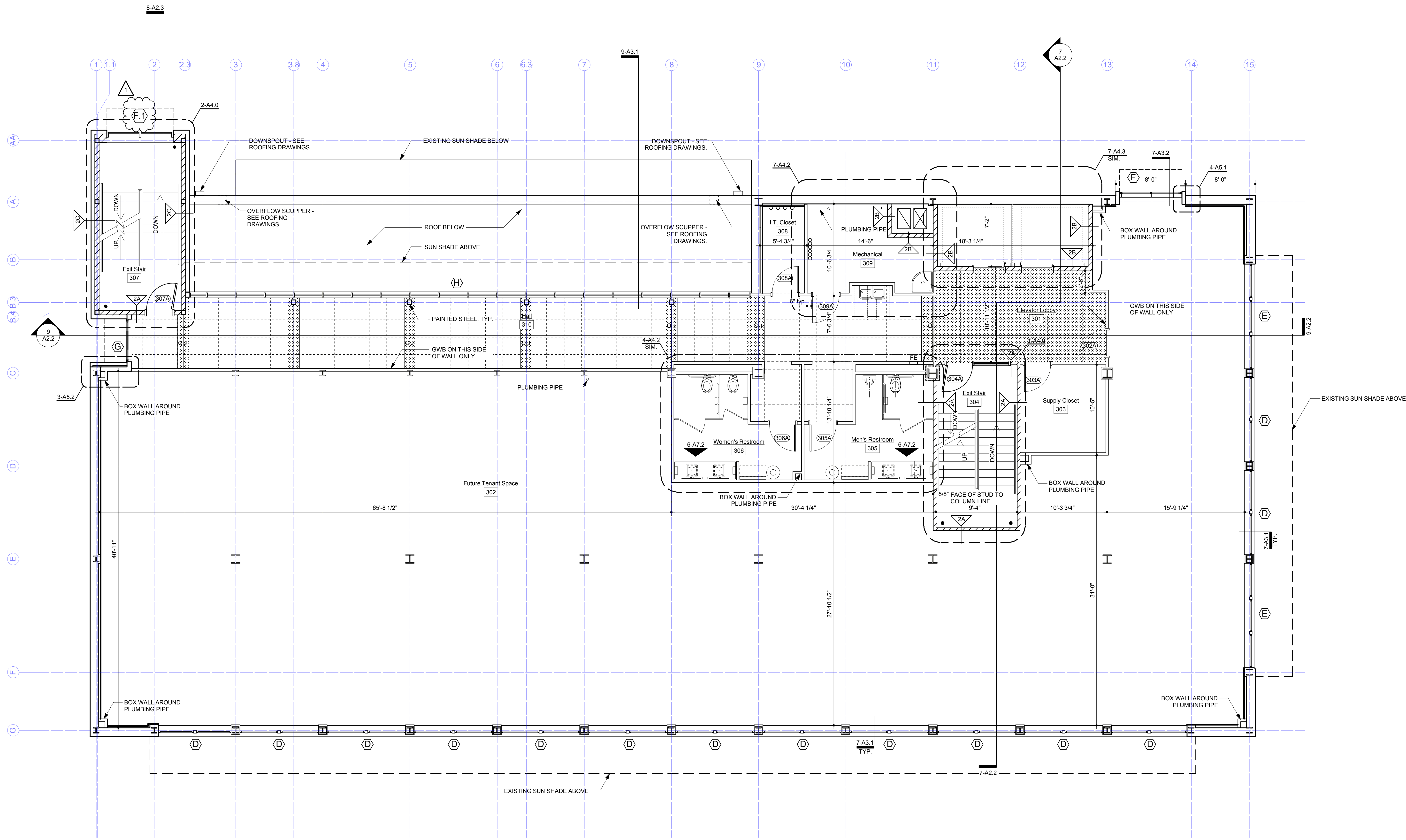
New Hanover County

Construction Drawings
January 24, 2014

Revisions:
1 ADDENDUM #1, 3/21/14

Third Floor Plan

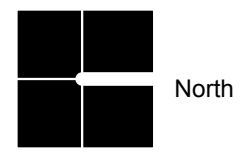
A1.2
of
40 Sheets

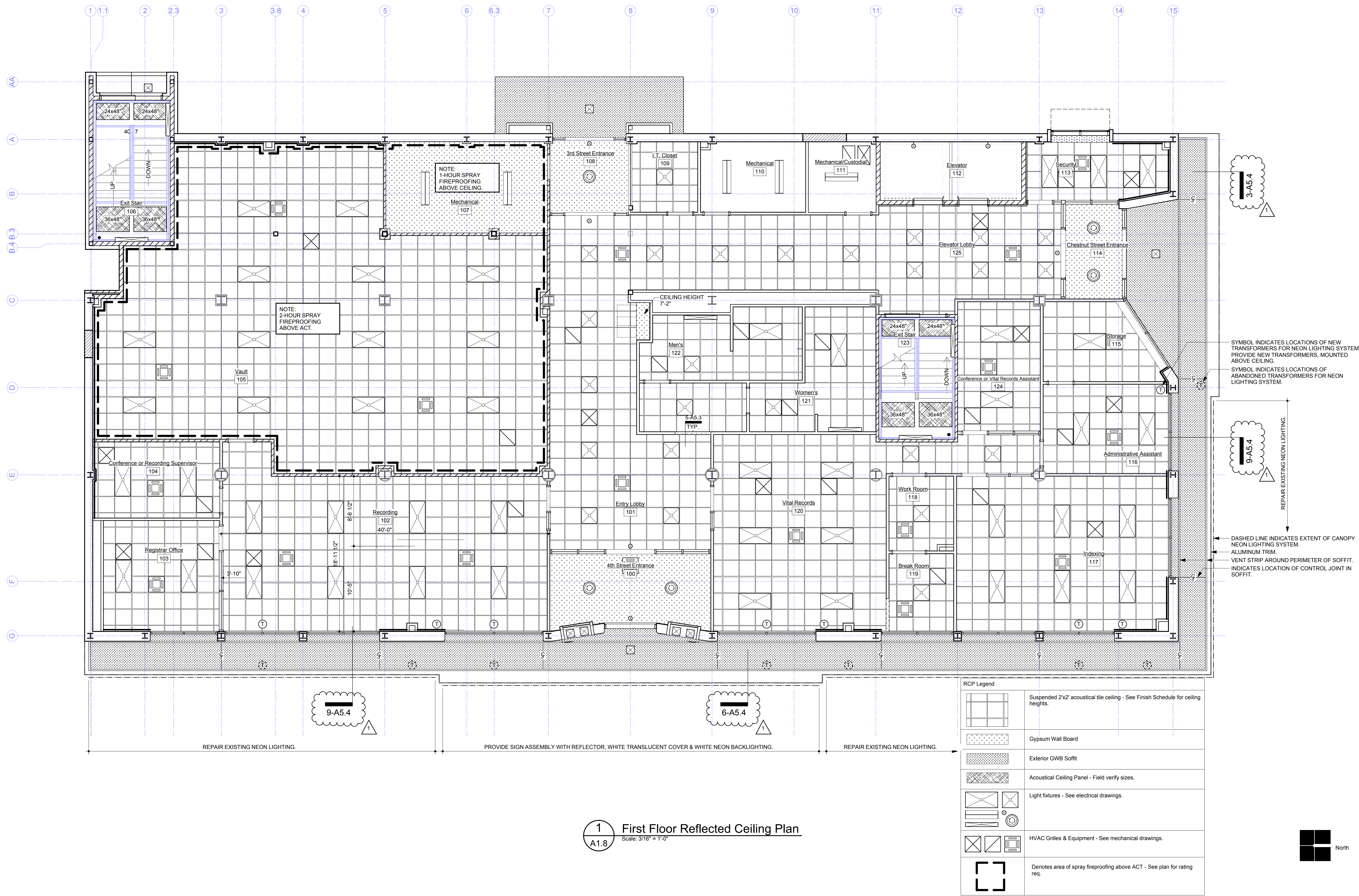


1 Third Floor Plan
Scale: 3/16" = 1'-0"

- Notes**
- Dimensions are to the face of framework to face of framework, unless the wall aligns with a column line then it is dimensioned to the center.
 - Plumbing, Mechanical, and Electrical running through floors will require core drilling of the existing slab.
 - All areas where slab was demolished is to be replaced with new work.

Wall Legend	
	New wall: All framing 3 5/8" metal studs, 16" O.C., 5/8" GWB & sound insulation, wall continues to underside of slab above, unless noted otherwise
	Fire barrier.
	1 1/2" Hat channels and 5/8" GWB on exterior walls.
	Fire rate around column.
	1 HR Fire rating.
	U419 2 HR Fire rating. 2 layers of 1/2" GWB on each side of stud.
	Shaft Wall - U415 2 HR Fire rating.
	U411 2 HR Fire rating.
	Fire Extinguisher and Cabinet.





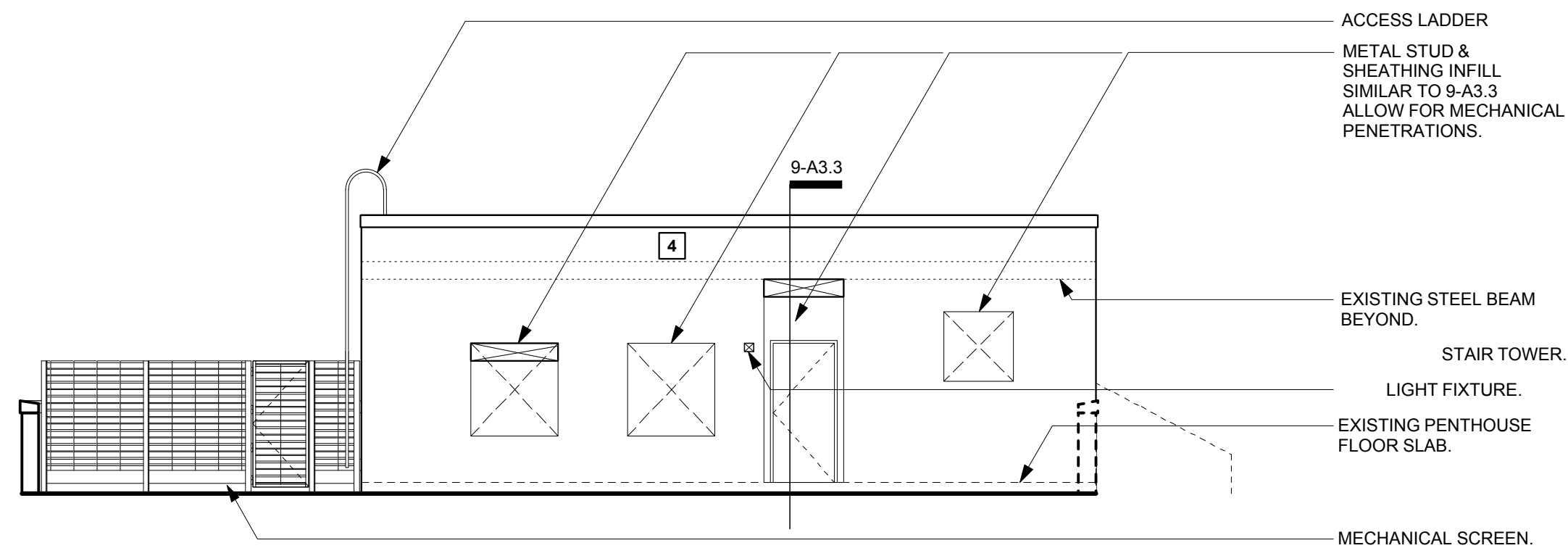
1 First Floor Reflected Ceiling Plan
Scale: 3/16" = 1'-0"

RCP Legend	
	Suspended 2'x2' acoustical tile ceiling - See Finish Schedule for ceiling heights.
	Gypsum Wall Board
	Exterior GWB Soffit
	Acoustical Ceiling Panel - Field verify sizes.
	Light fixtures - See electrical drawings.
	HVAC Grilles & Equipment - See mechanical drawings.
	Denotes area of spray fireproofing above ACT - See plan for rating req.

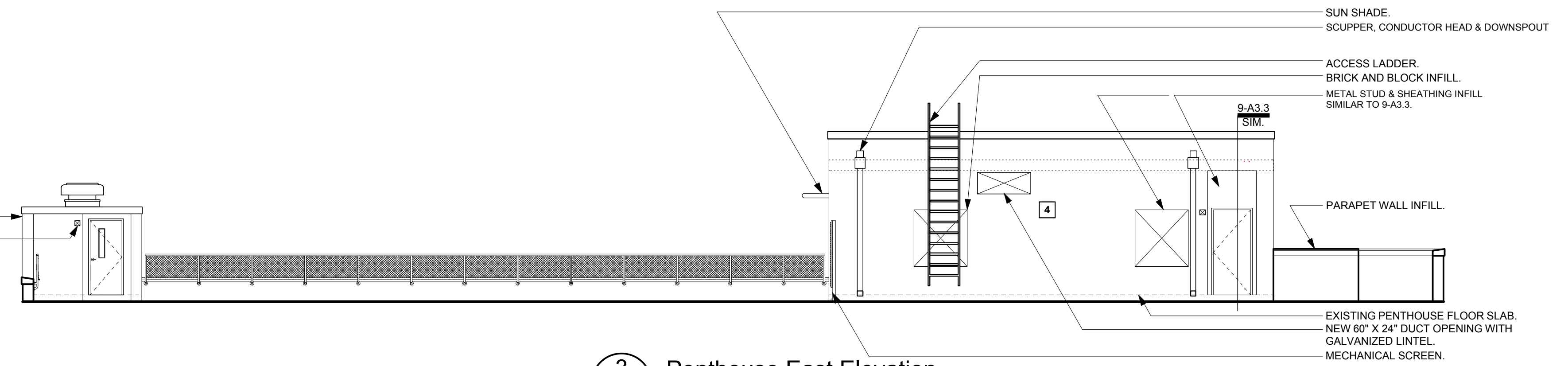
SYMBOL INDICATES LOCATIONS OF NEW TRANSFORMERS FOR NEON LIGHTING SYSTEM. PROVIDE NEW TRANSFORMERS, MOUNTED ABOVE CEILING.
SYMBOL INDICATES LOCATIONS OF ABANDONED TRANSFORMERS FOR NEON LIGHTING SYSTEM.

REPAIR EXISTING NEON LIGHTING.

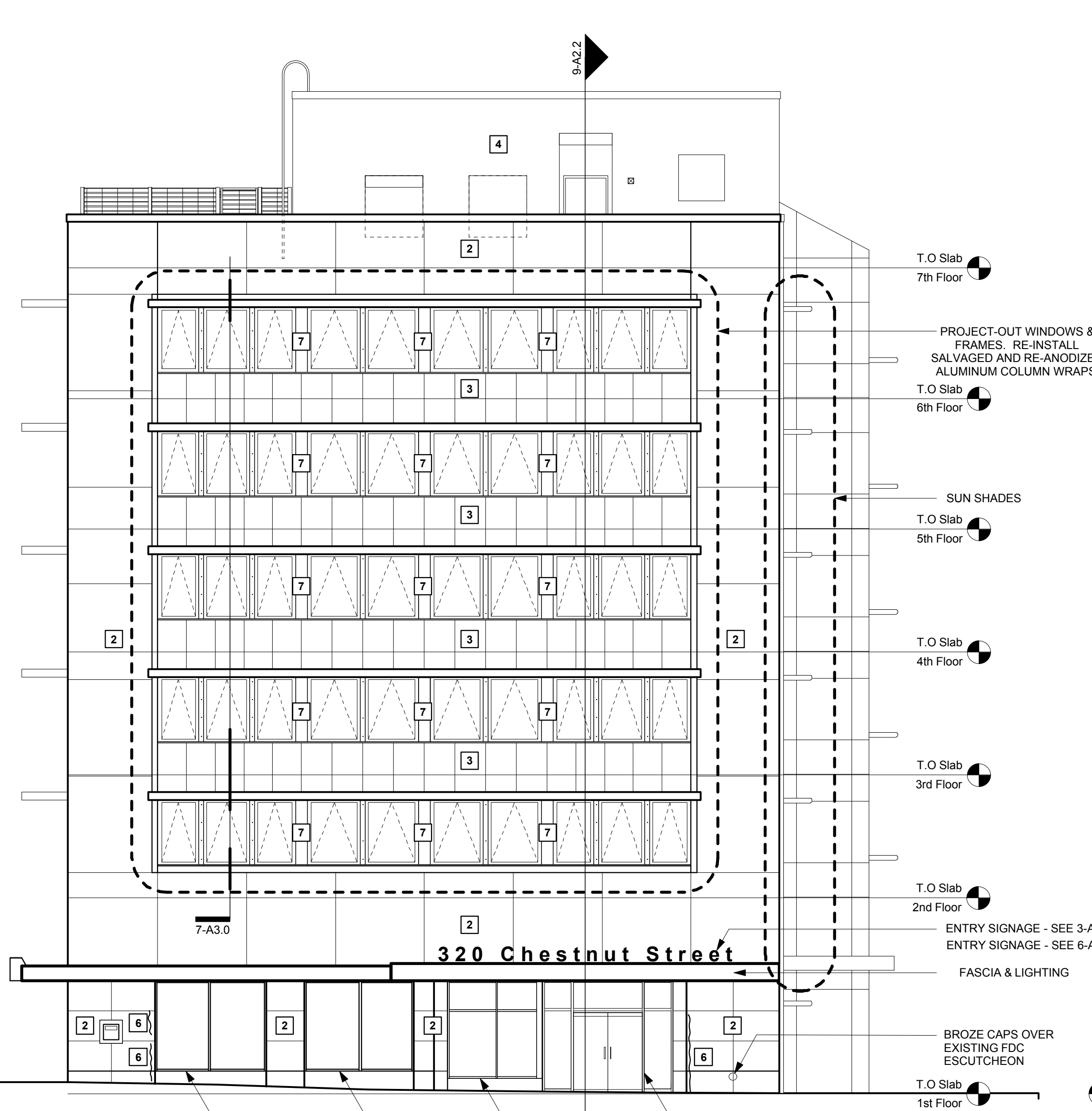
DASHED LINE INDICATES EXTENT OF CANOPY NEON LIGHTING SYSTEM. ALUMINUM TRIM.
VENT STRIP AROUND PERIMETER OF SOFFIT. INDICATES LOCATION OF CONTROL JOINT IN SOFFIT.



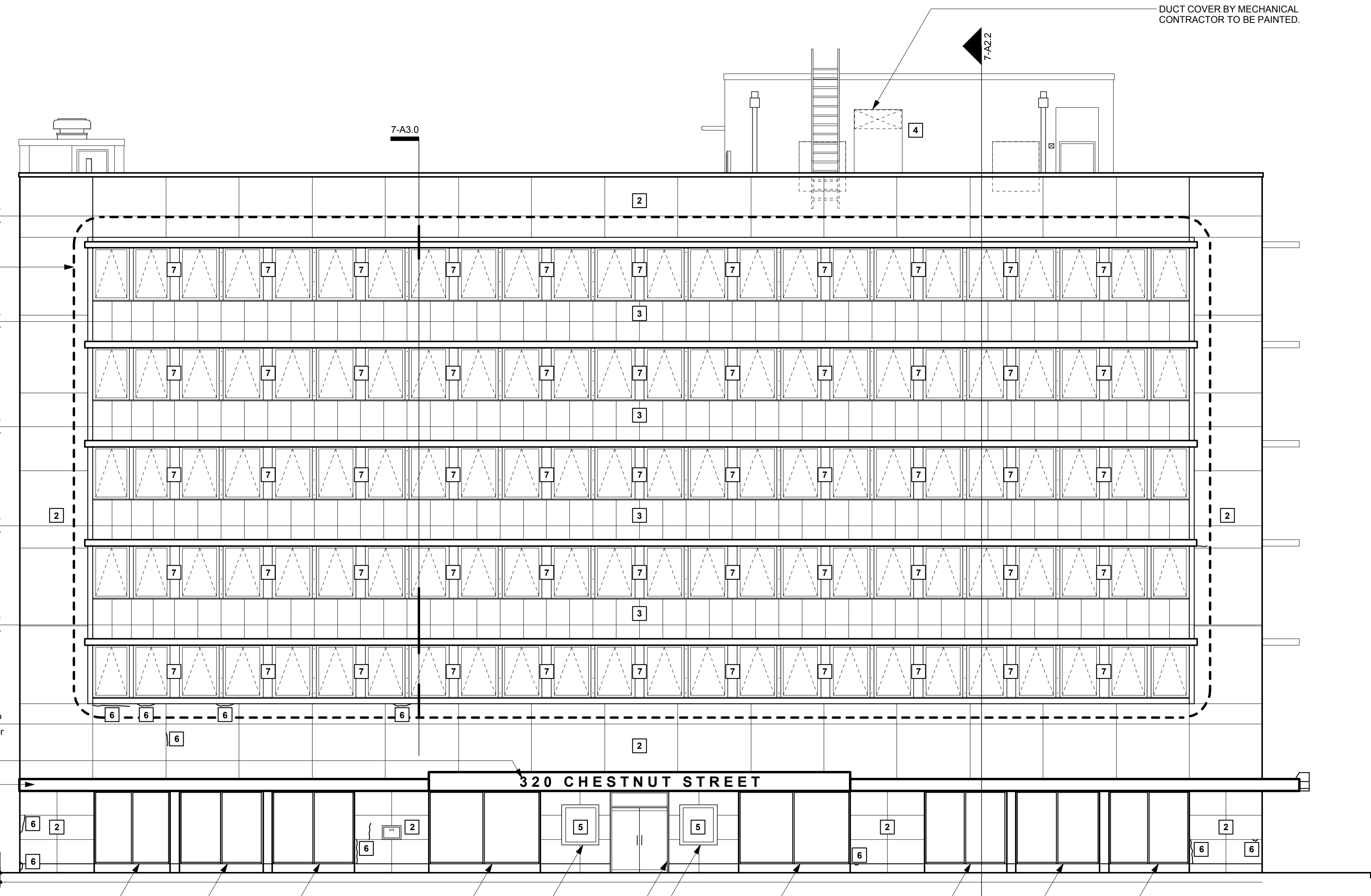
1 Penthouse North Elevation
A2.0 Scale: 1/8" = 1'-0"



3 Penthouse East Elevation
A2.0 Scale: 1/8" = 1'-0"



7 North Elevation
A2.0 Scale: 1/8" = 1'-0"

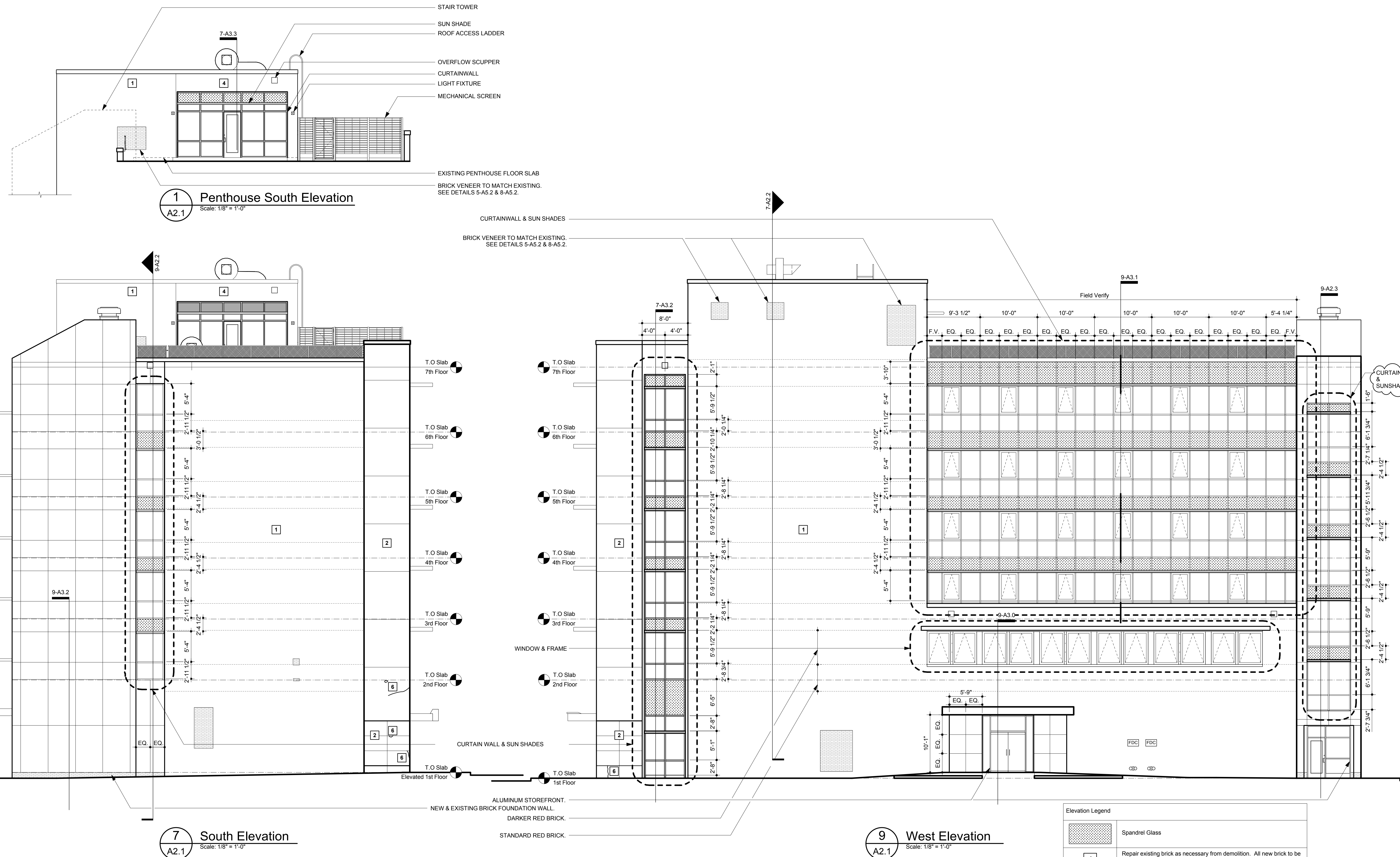


9 East Elevation
A2.0 Scale: 1/8" = 1'-0"

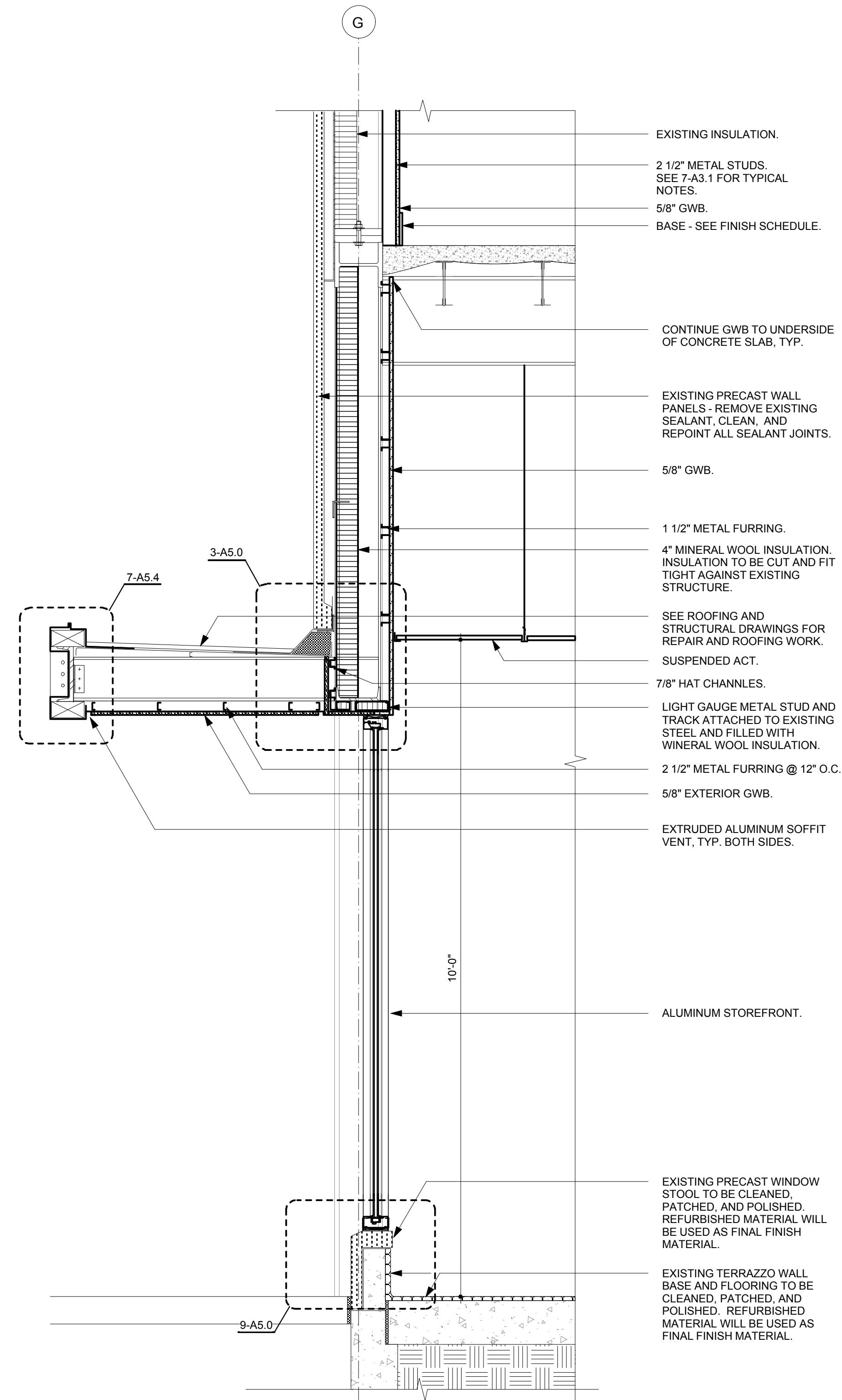
320 Chestnut Street

320 CHESTNUT STREET

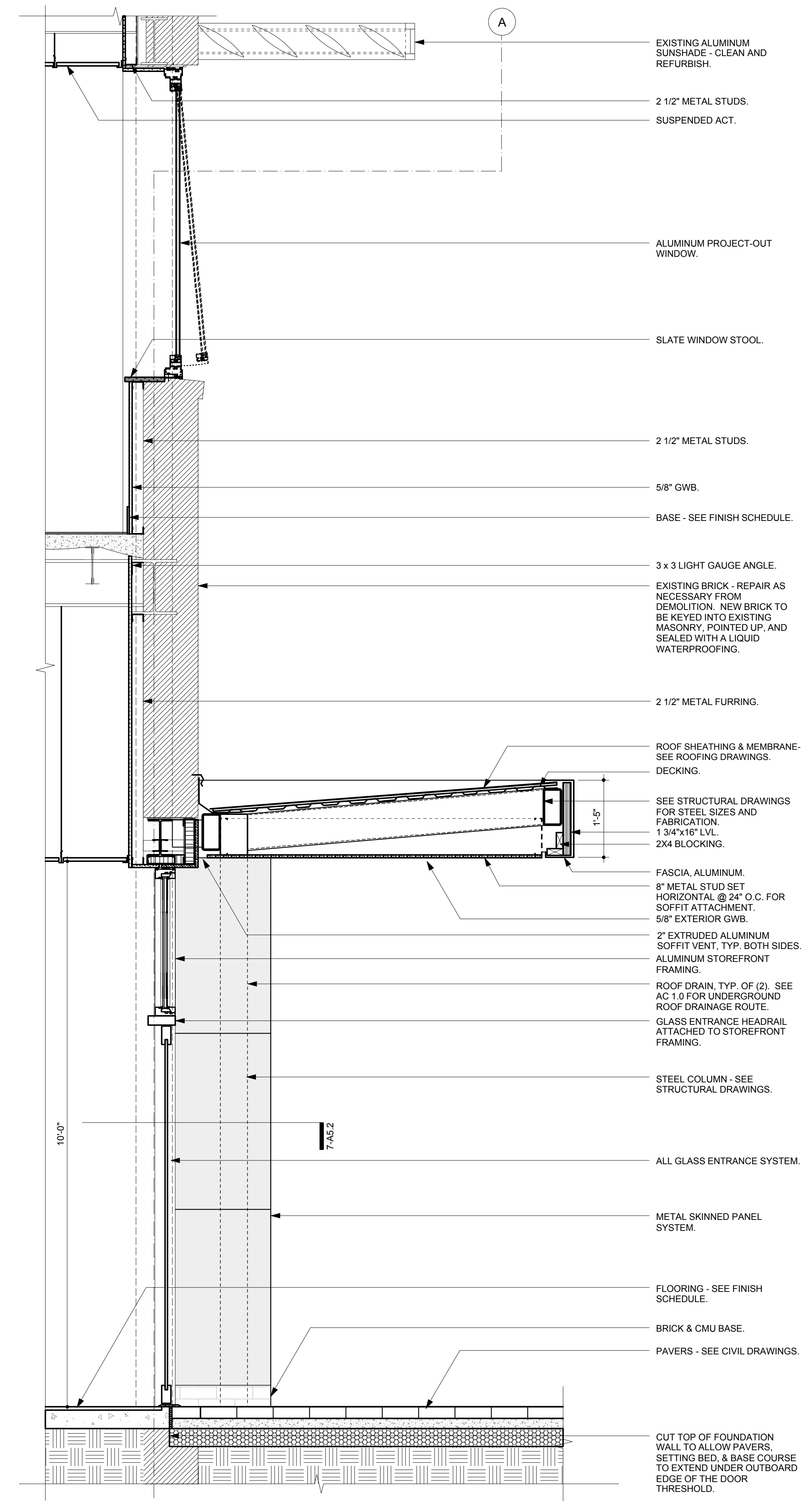
Elevation Legend	
	Spandrel Glass
1	Repair existing brick as necessary from demolition. All new brick to be keyed into existing masonry. Entire masonry wall is to be cleaned, mortar joints pointed up, and then sealed with a liquid waterproofing.
2	Existing precast wall panels - remove existing sealant and clean. Re-point all sealant joints. Typical for all precast wall panels.
3	Existing porcelain on steel wall panels - remove any surface paint, remove existing sealant, clean and polish panels. Re-point all sealant joints. Typical for all panels.
4	Apply elastomeric reinforcing to all new/infill work and coat with elastomeric coating. Once new work has been coated then re-coat entire wall area previously treated with a coat of elastomeric coating to match color of adjacent brick. Material included in roofing specifications.
5	Display cases to receive linoleum base & sliding glass doors. Re-paint sides and top of cases.
6	Repair precast, color & finish to match existing. Refer to Spec Section 034500.
7	Original salvaged striated aluminum column wraps to have all sealant removed, panels cleaned, sent off to be re-anodized and reinstalled in same locations.



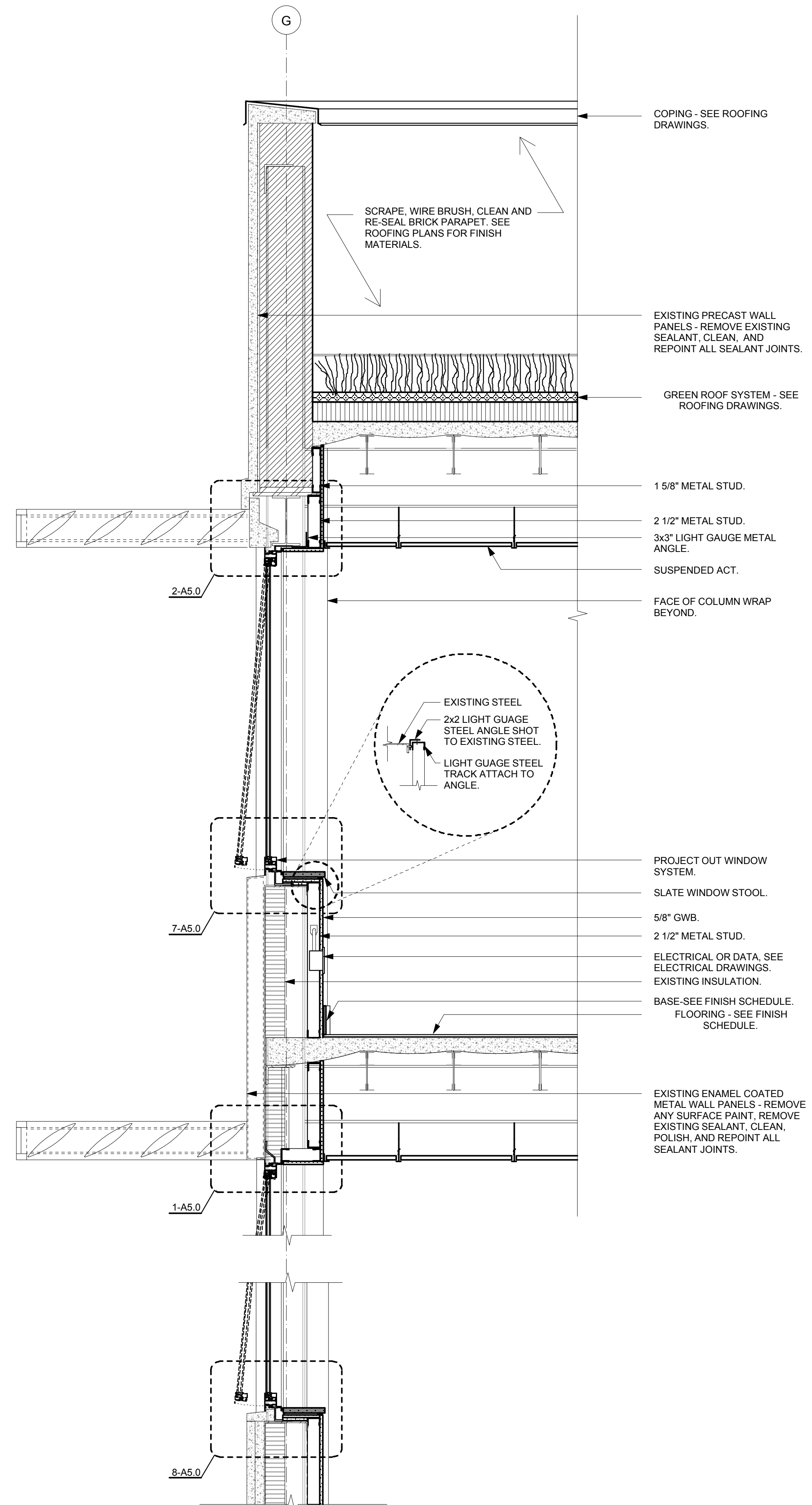
Elevation Legend	
	Spandrel Glass
1	Repair existing brick as necessary from demolition. All new brick to be keyed into existing masonry. Entire masonry wall is to be cleaned, mortar joints pointed up, and then sealed with a liquid waterproofing.
2	Existing precast wall panels - remove existing sealant and clean, repair cracked panels. Repoint all sealant joints. Typical for all precast wall panels.
3	Existing enamel coated metal wall panels - remove any surface paint, remove existing sealant, clean and polish panels. Repoint all sealant joints. Typical for all enamel coated metal panels.
4	Apply elastomeric reinforcing to all new/infill work and coat with elastomeric coating. Once new work has been coated then re-coat entire wall area previously treated with a coat of elastomeric coating to match color of adjacent brick. Material included in roofing specifications.
6	Repair precast, color & finish to match existing. Refer to Spec Section 034500.



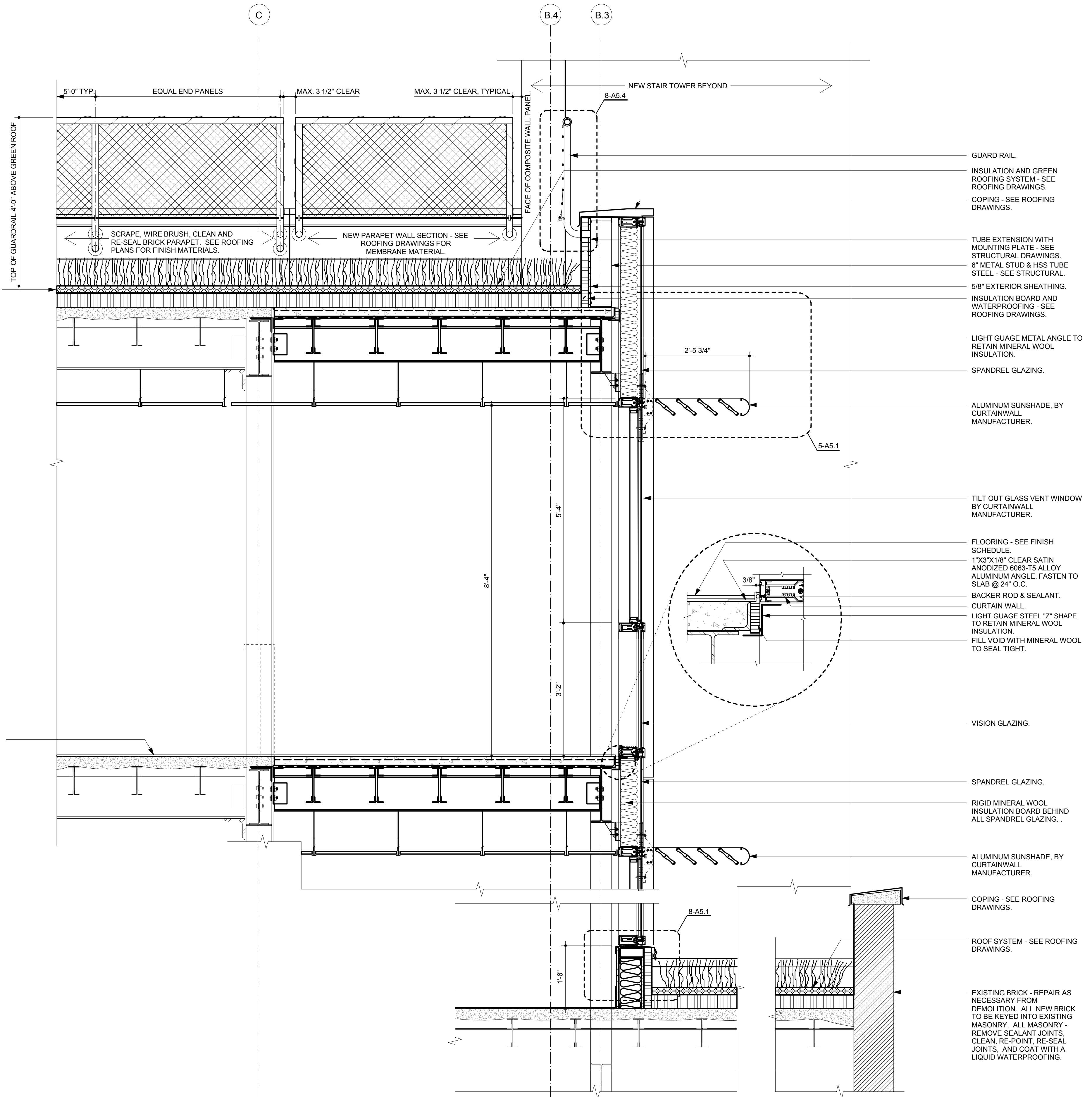
7 Typical North & East Wall Section
 A3.0 Scale: 3/4" = 1'-0"



9 West Wall Section at New Entrance
 A3.0 Scale: 3/4" = 1'-0"

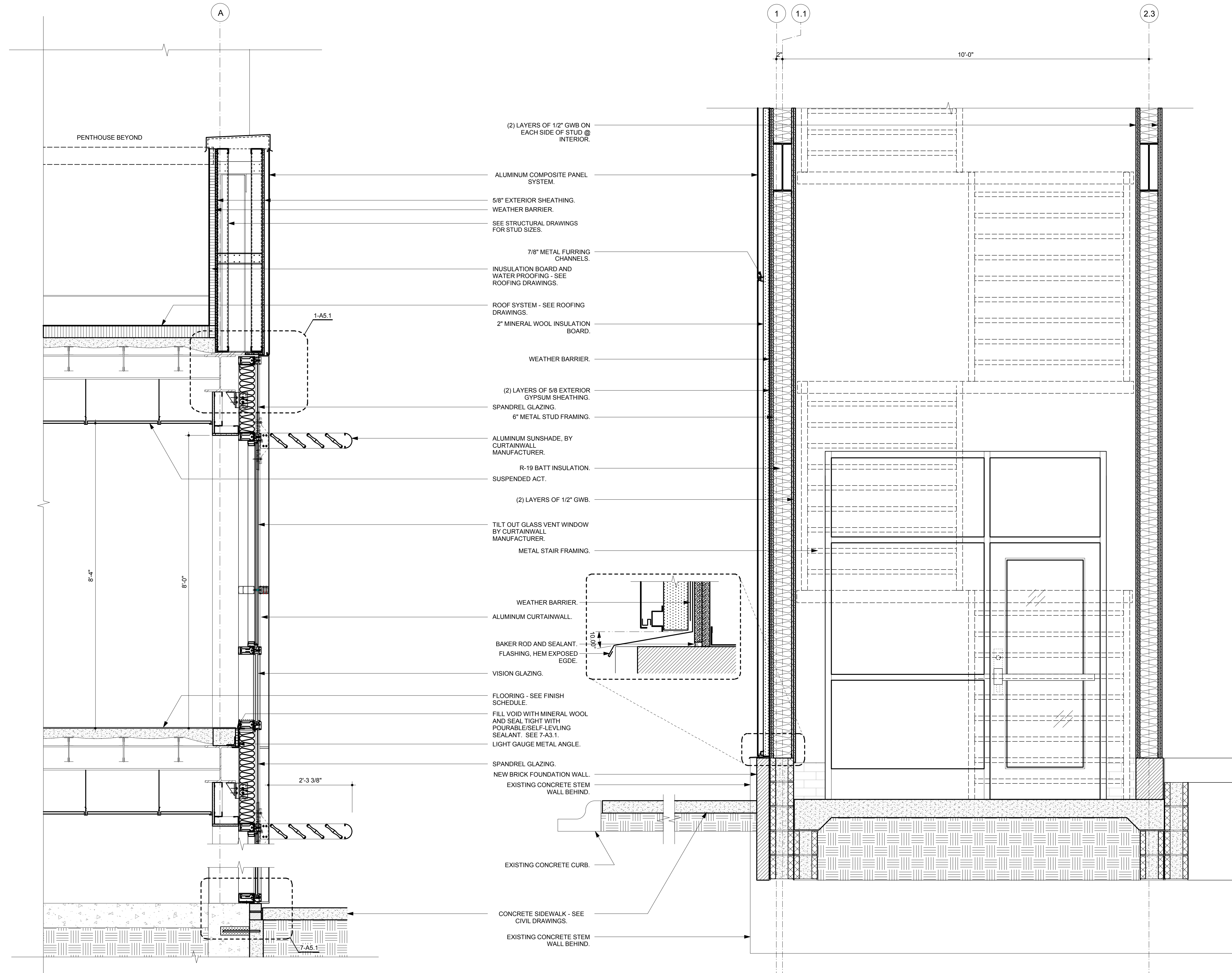


7 Typical North & East Wall Section
 A3.1 Scale: 3/4" = 1'-0"



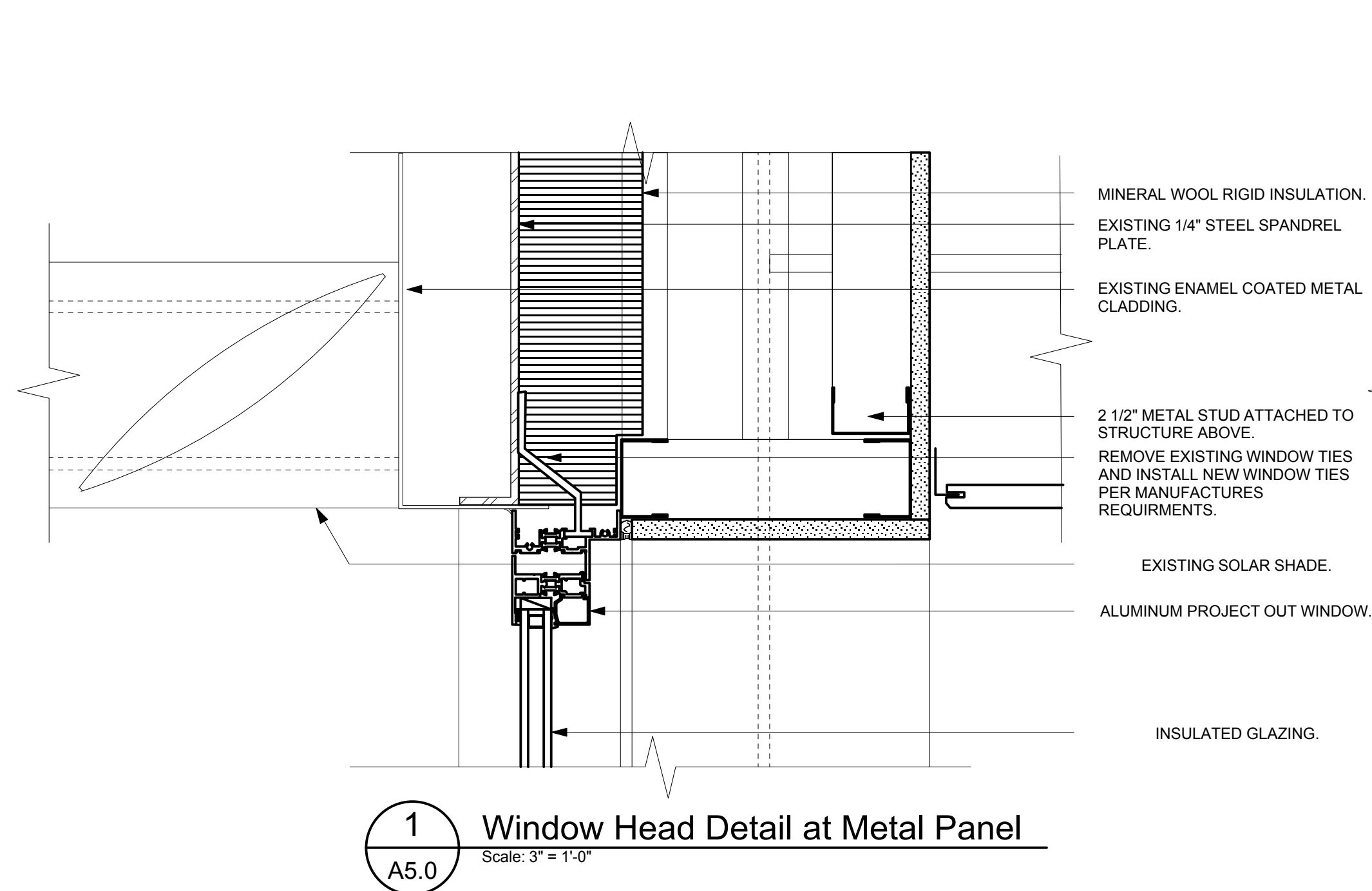
9 Typical West Wall Section
 A3.1 Scale: 3/4" = 1'-0"

- GUARD RAIL.
- INSULATION AND GREEN ROOFING SYSTEM - SEE ROOFING DRAWINGS.
- COPING - SEE ROOFING DRAWINGS.
- TUBE EXTENSION WITH MOUNTING PLATE - SEE STRUCTURAL DRAWINGS.
- 6" METAL STUD & HSS TUBE STEEL - SEE STRUCTURAL.
- 5/8" EXTERIOR SHEATHING.
- INSULATION BOARD AND WATERPROOFING - SEE ROOFING DRAWINGS.
- LIGHT GAUGE METAL ANGLE TO RETAIN MINERAL WOOL INSULATION.
- SPANDREL GLAZING.
- ALUMINUM SUNSHADE, BY CURTAINWALL MANUFACTURER.
- TILT OUT GLASS VENT WINDOW BY CURTAINWALL MANUFACTURER.
- FLOORING - SEE FINISH SCHEDULE.
- 1"X3"X1/8" CLEAR SATIN ANODIZED 6063-T5 ALLOY ALUMINUM ANGLE. FASTEN TO SLAB @ 24" O.C.
- BACKER ROD & SEALANT.
- CURTAIN WALL.
- LIGHT GAUGE STEEL "Z" SHAPE TO RETAIN MINERAL WOOL INSULATION.
- FILL VOID WITH MINERAL WOOL TO SEAL TIGHT.
- VISION GLAZING.
- SPANDREL GLAZING.
- RIGID MINERAL WOOL INSULATION BOARD BEHIND ALL SPANDREL GLAZING.
- ALUMINUM SUNSHADE, BY CURTAINWALL MANUFACTURER.
- COPING - SEE ROOFING DRAWINGS.
- ROOF SYSTEM - SEE ROOFING DRAWINGS.
- EXISTING BRICK - REPAIR AS NECESSARY FROM DEMOLITION. ALL NEW BRICK TO BE KEVED INTO EXISTING MASONRY. ALL MASONRY - REMOVE SEALANT JOINTS, CLEAN, RE-POINT, RE-SEAL JOINTS, AND COAT WITH A LIQUID WATERPROOFING.

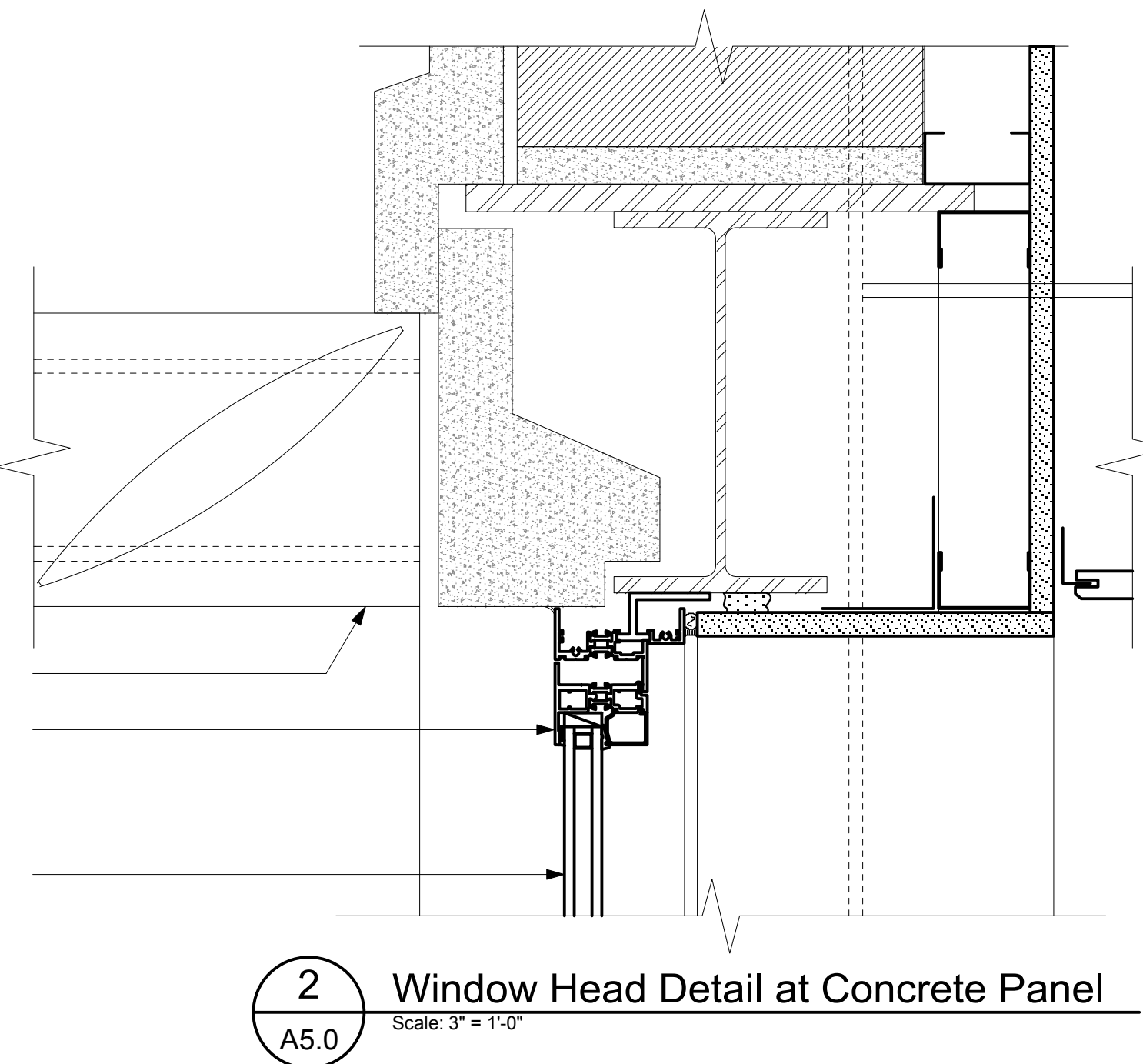


7 Wall Section Through Curtainwall
 Scale: 3/4" = 1'-0"
 (Column line A, between Column lines 13 & 14)

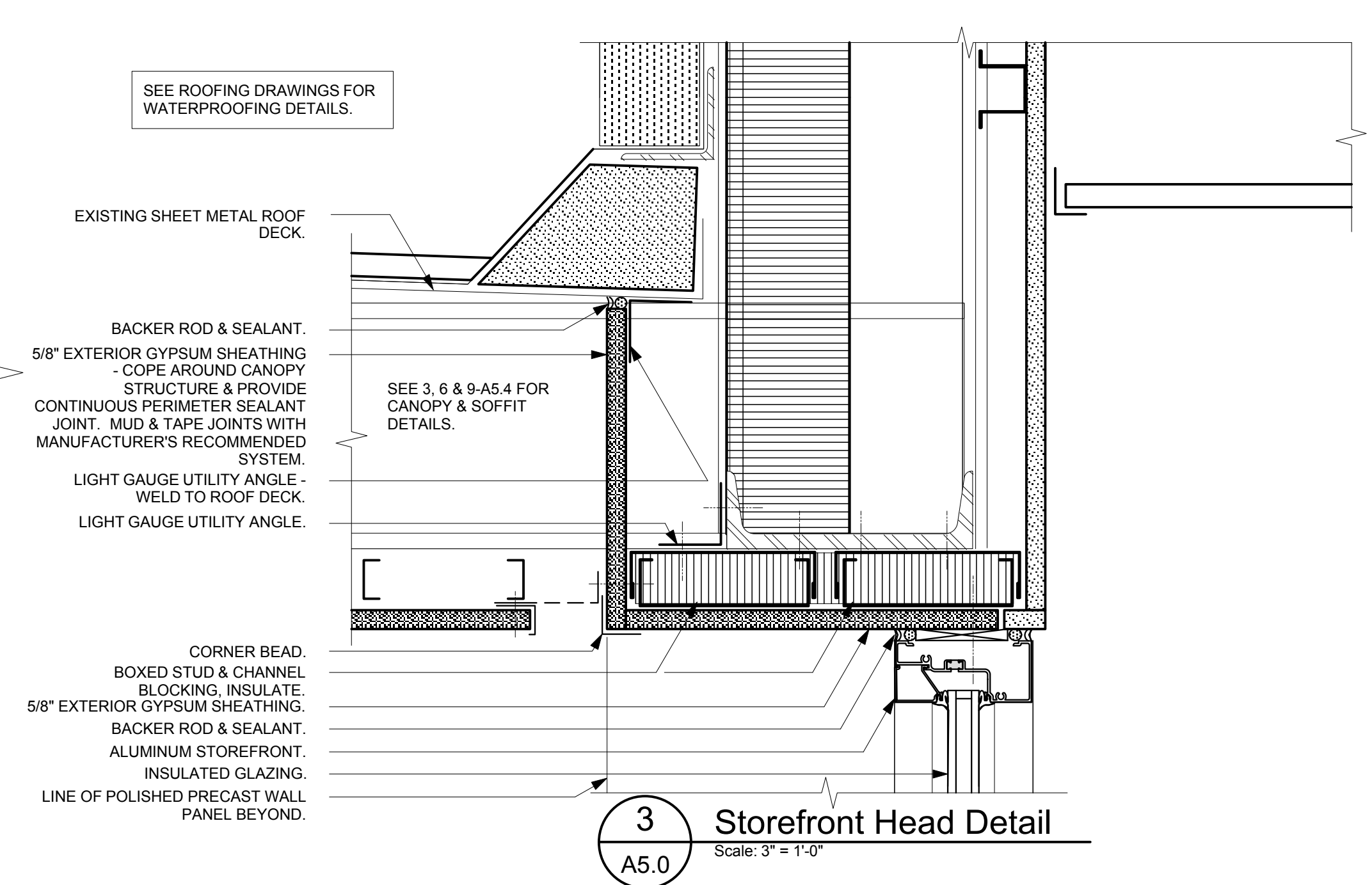
9 Stair Tower Wall Section
 Scale: 3/4" = 1'-0"



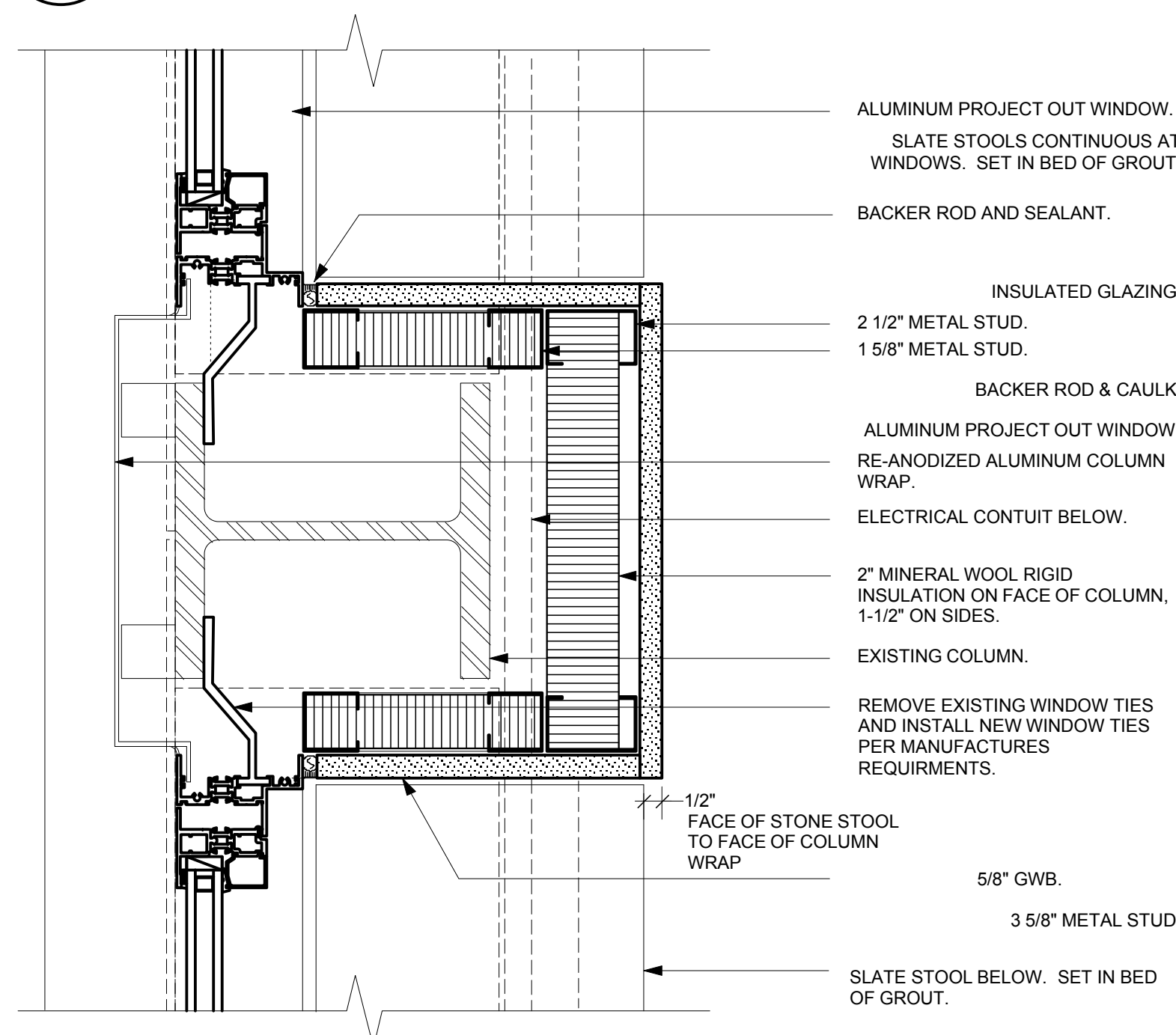
1 Window Head Detail at Metal Panel
A5.0 Scale: 3" = 1'-0"



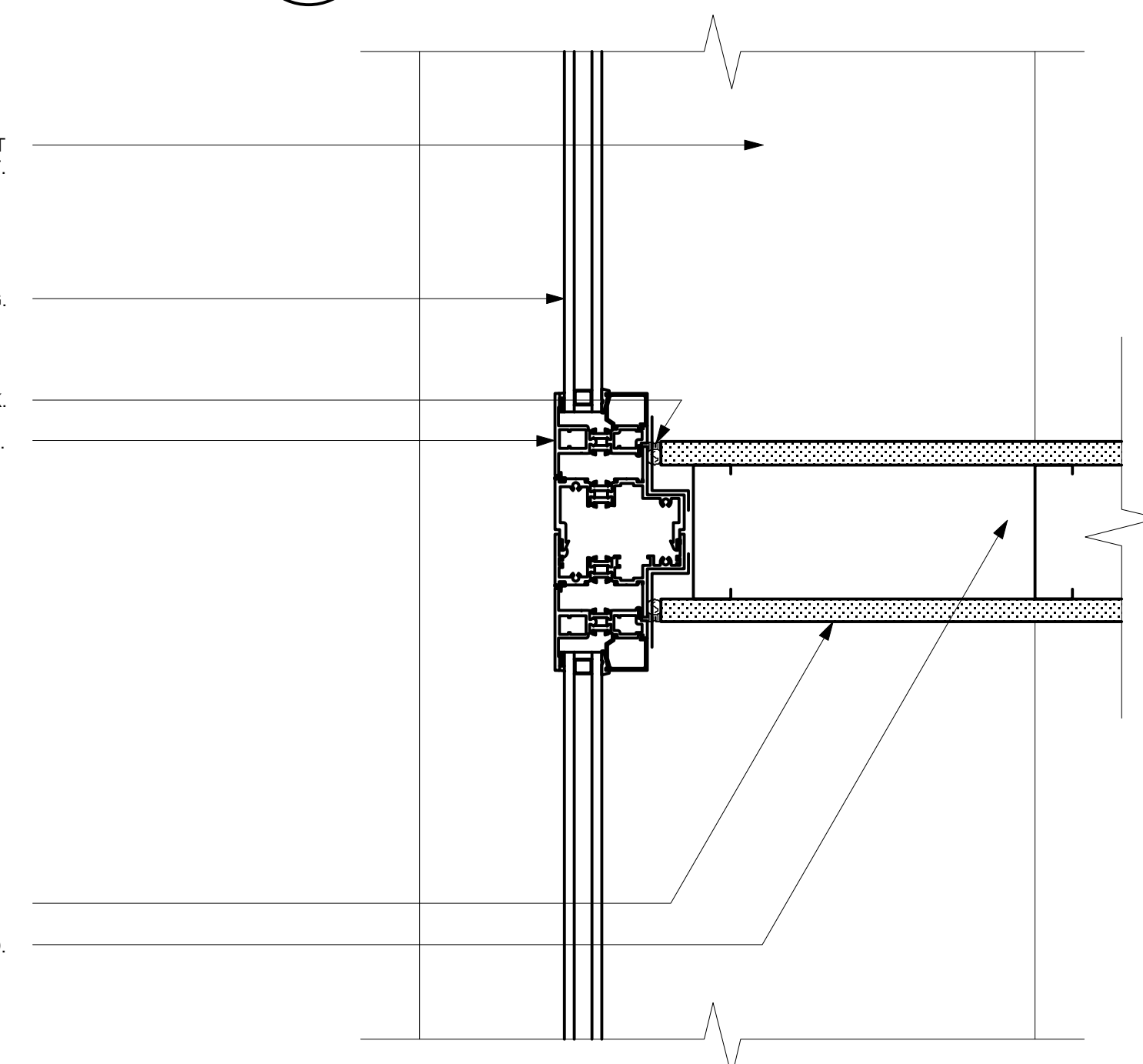
2 Window Head Detail at Concrete Panel
A5.0 Scale: 3" = 1'-0"



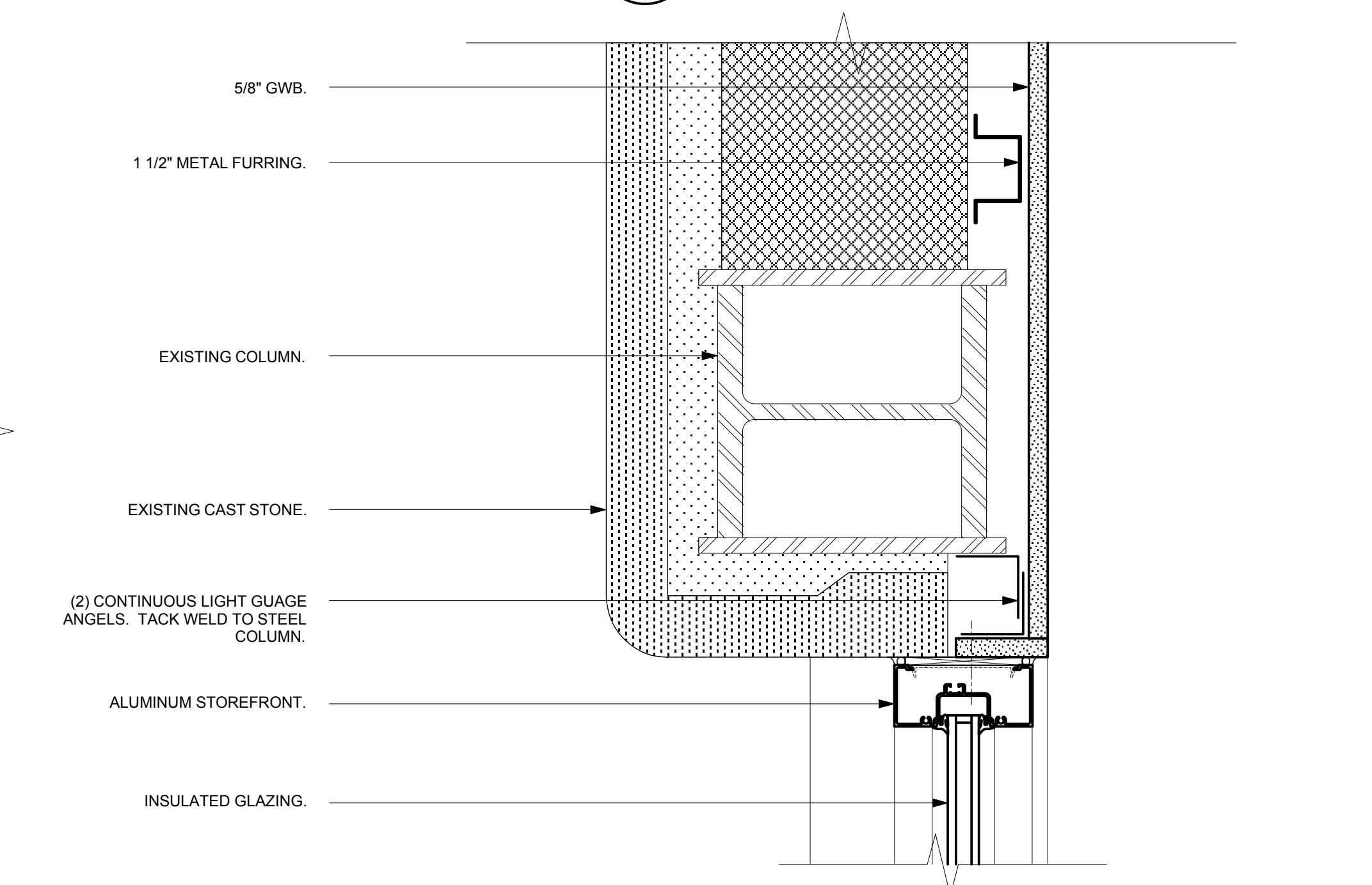
3 Storefront Head Detail
A5.0 Scale: 3" = 1'-0"



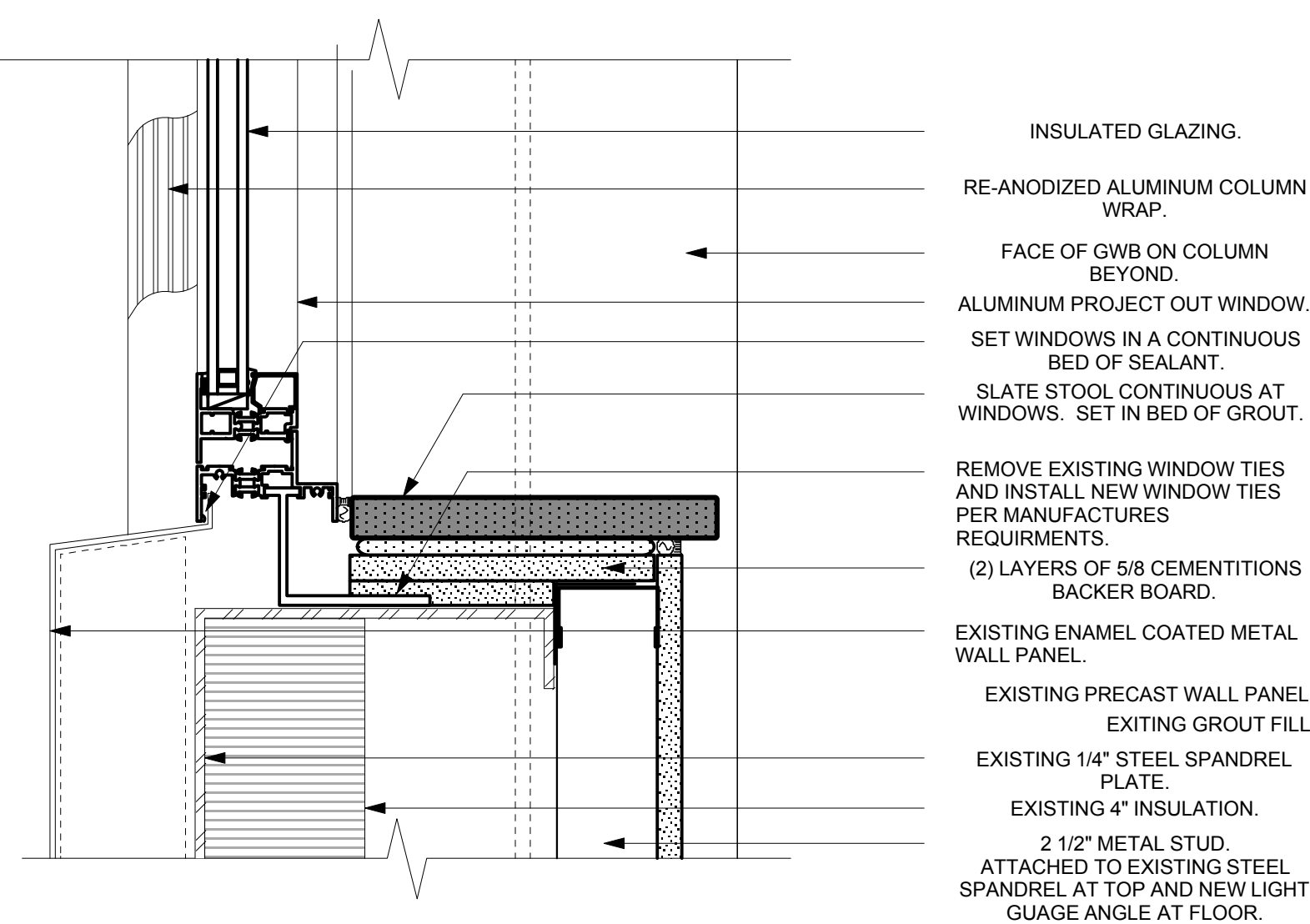
4 Window Jamb Detail at Column
A5.0 Scale: 3" = 1'-0"



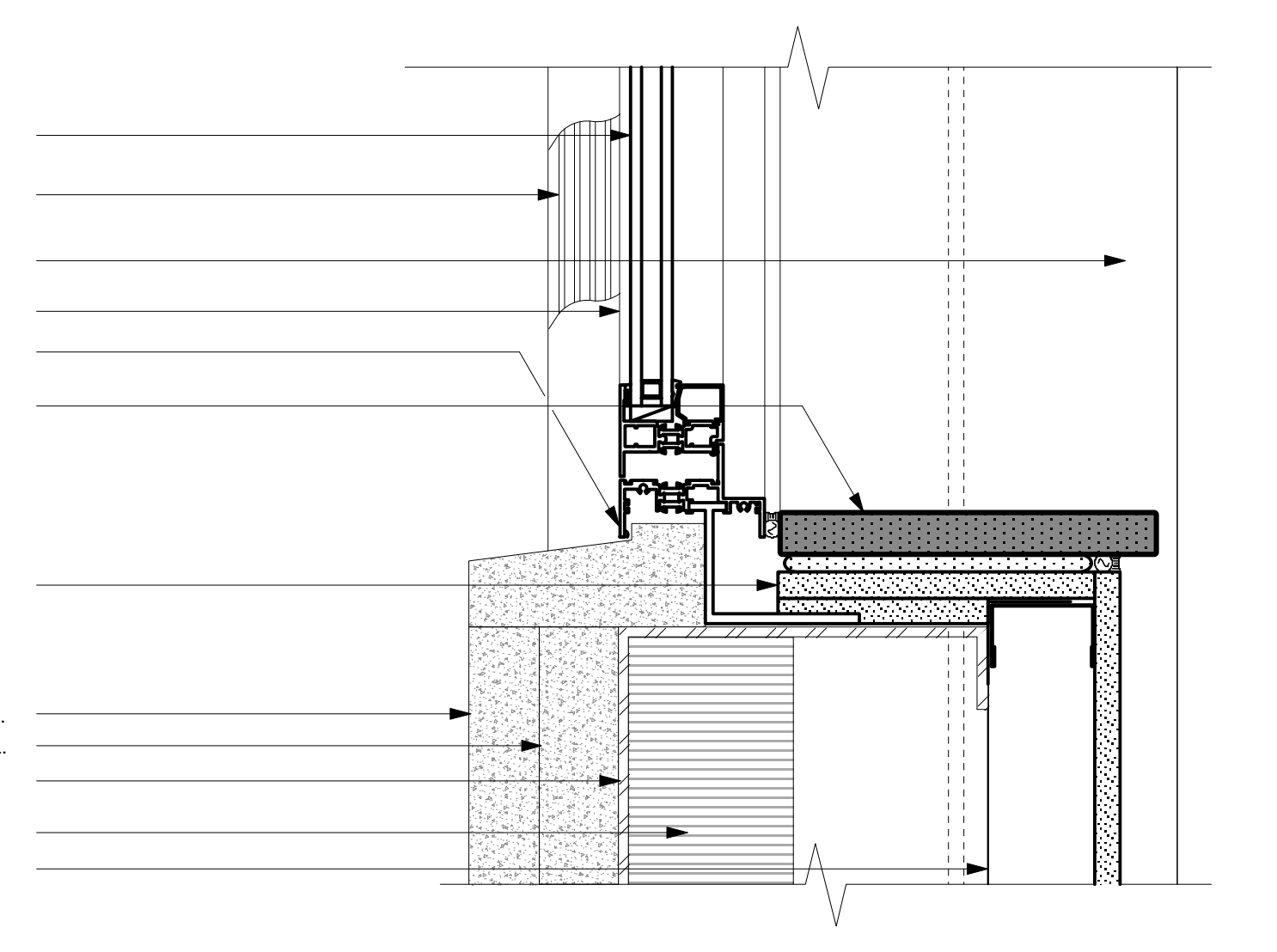
5 Window Jamb Detail at Interior Wall
A5.0 Scale: 3" = 1'-0"



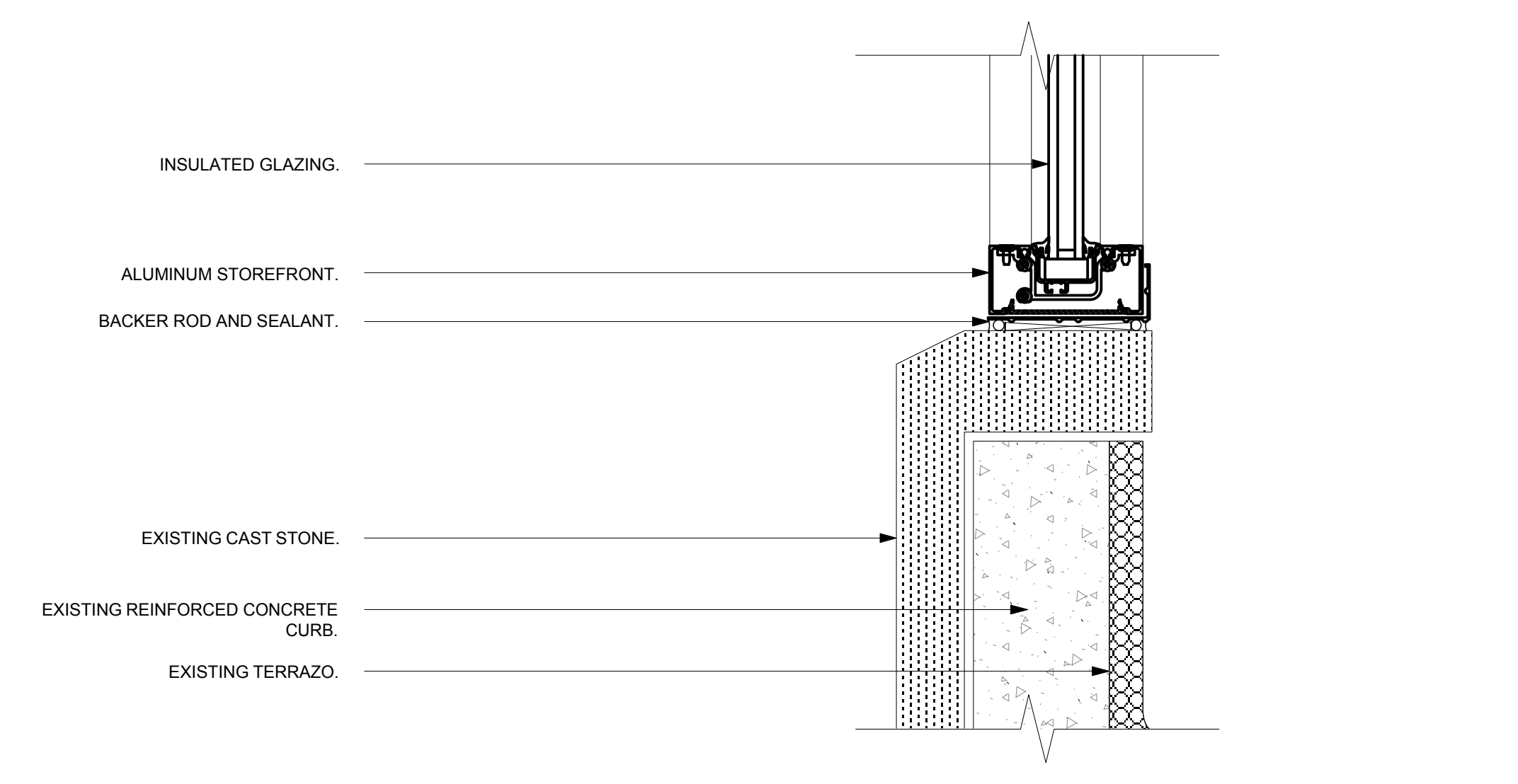
6 Storefront Jamb Detail
A5.0 Scale: 3" = 1'-0"



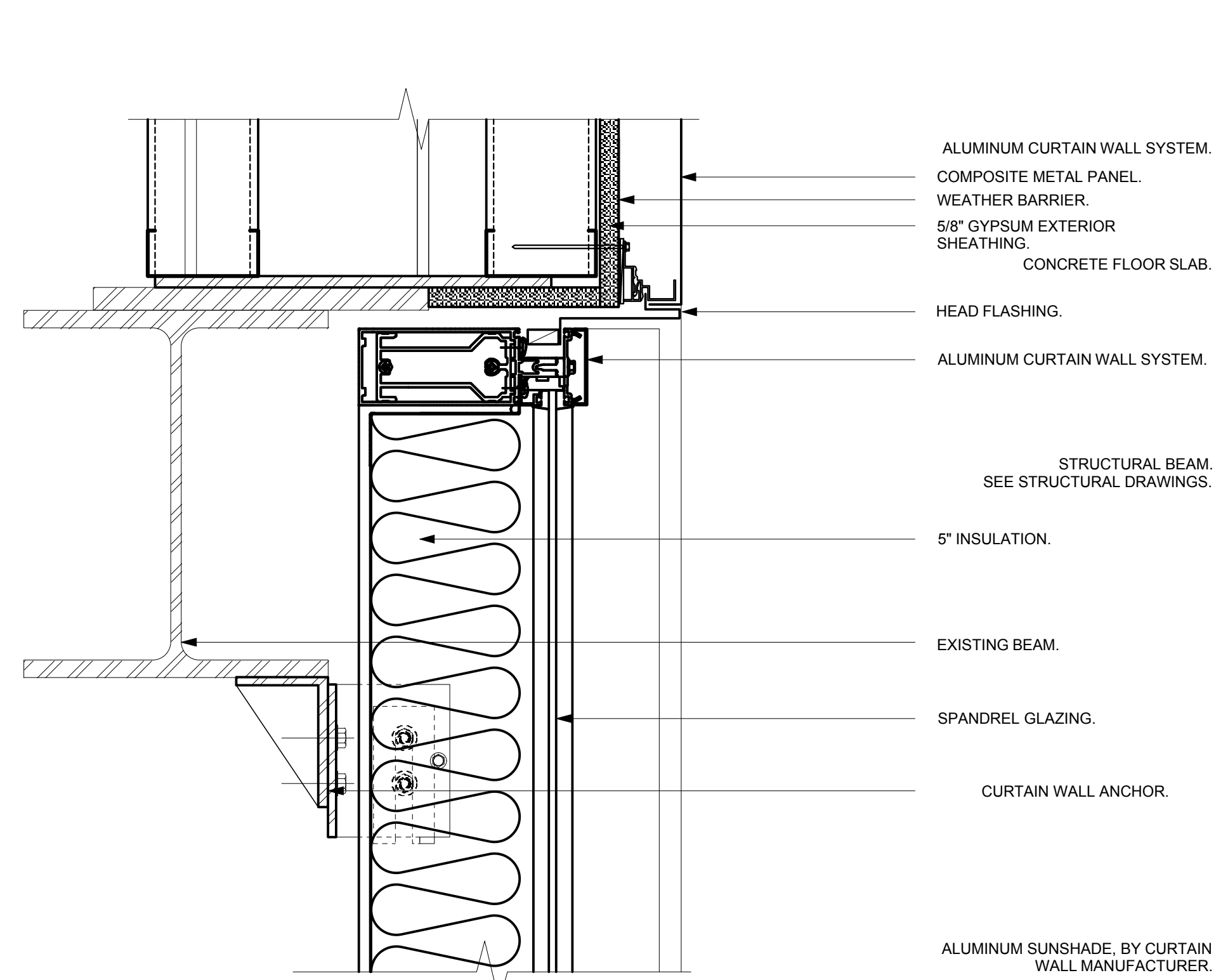
7 Window Sill Detail at Metal Panel
A5.0 Scale: 3" = 1'-0"



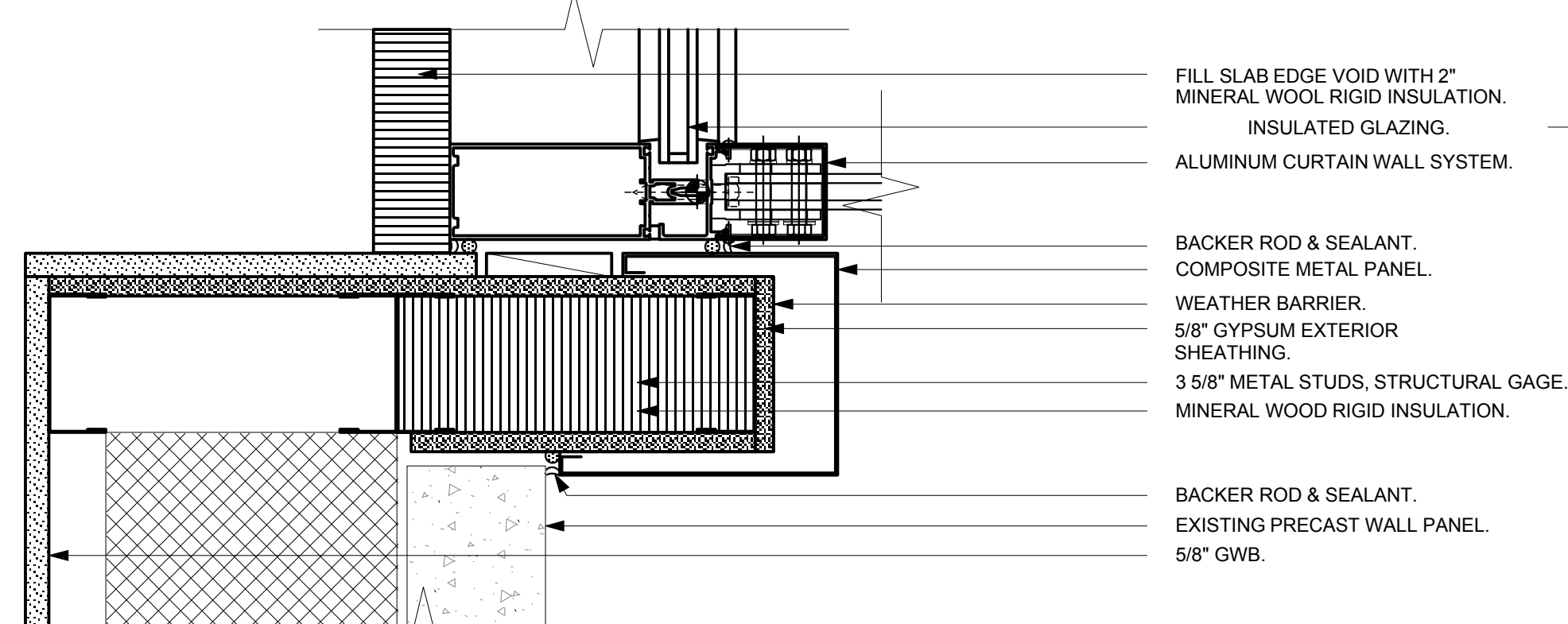
8 Window Sill Detail at Concrete Panel
A5.0 Scale: 3" = 1'-0"



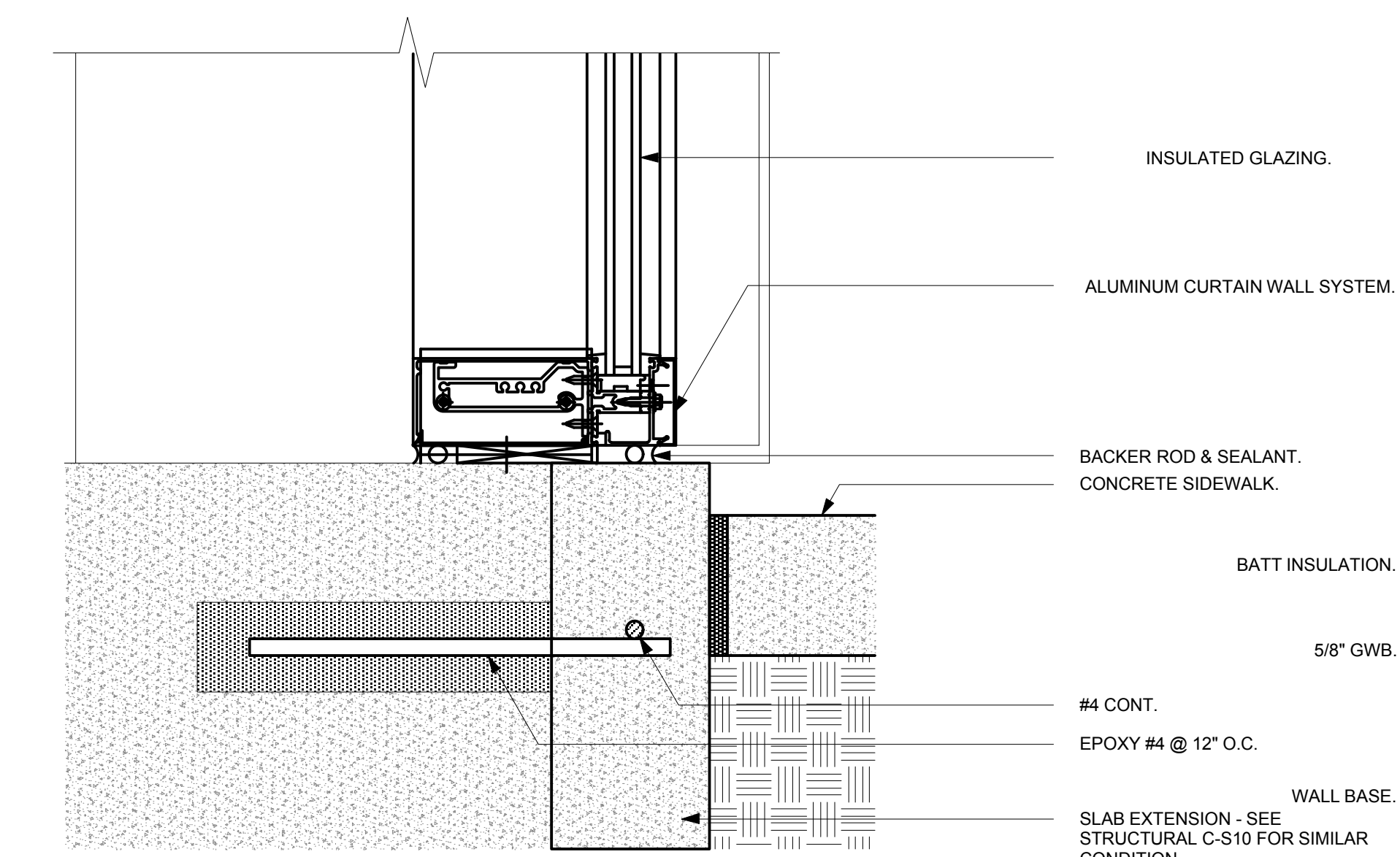
9 Storefront Sill Detail
A5.0 Scale: 3" = 1'-0"



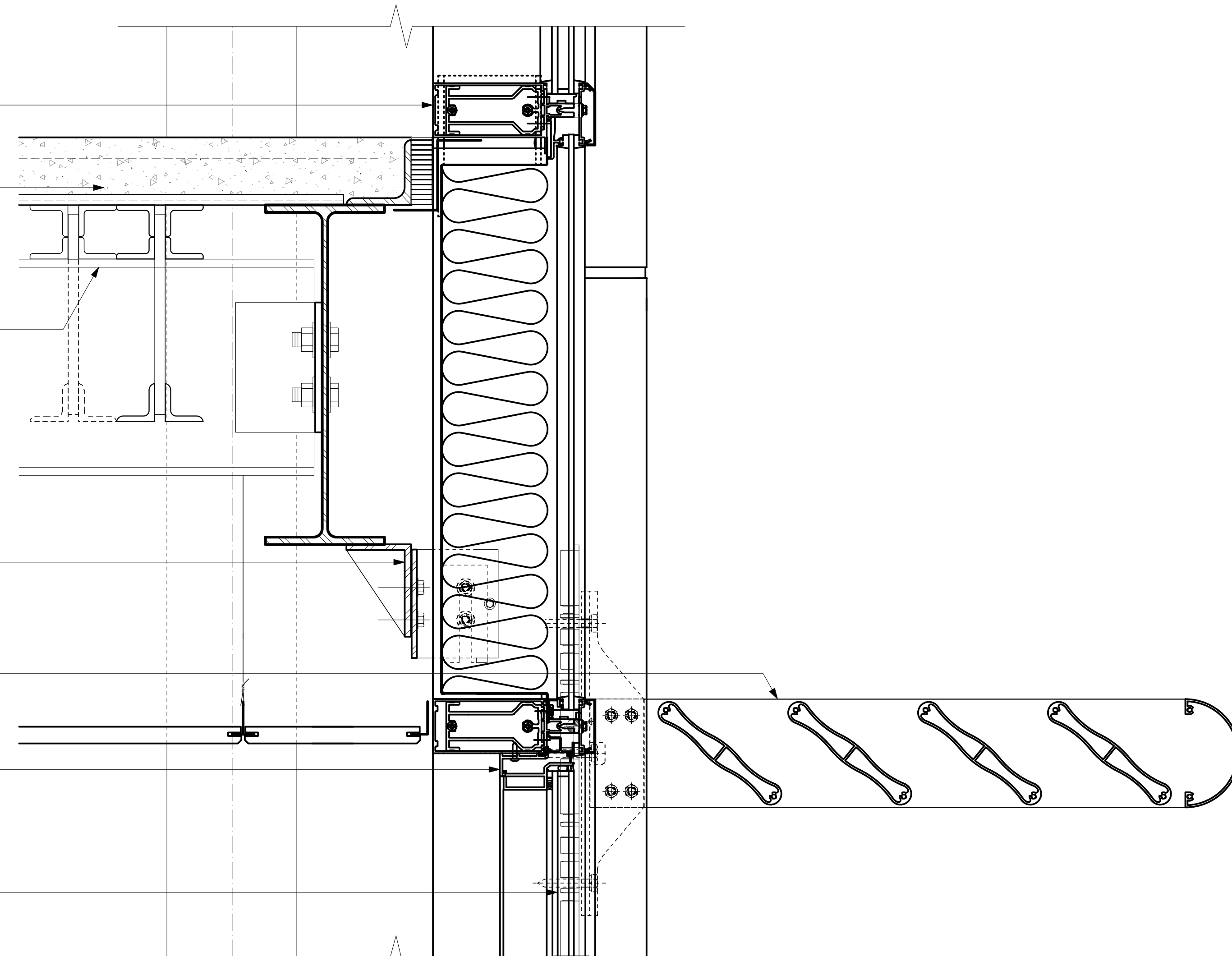
1 Curtain Wall Head Detail
A5.1 Scale: 3" = 1'-0"



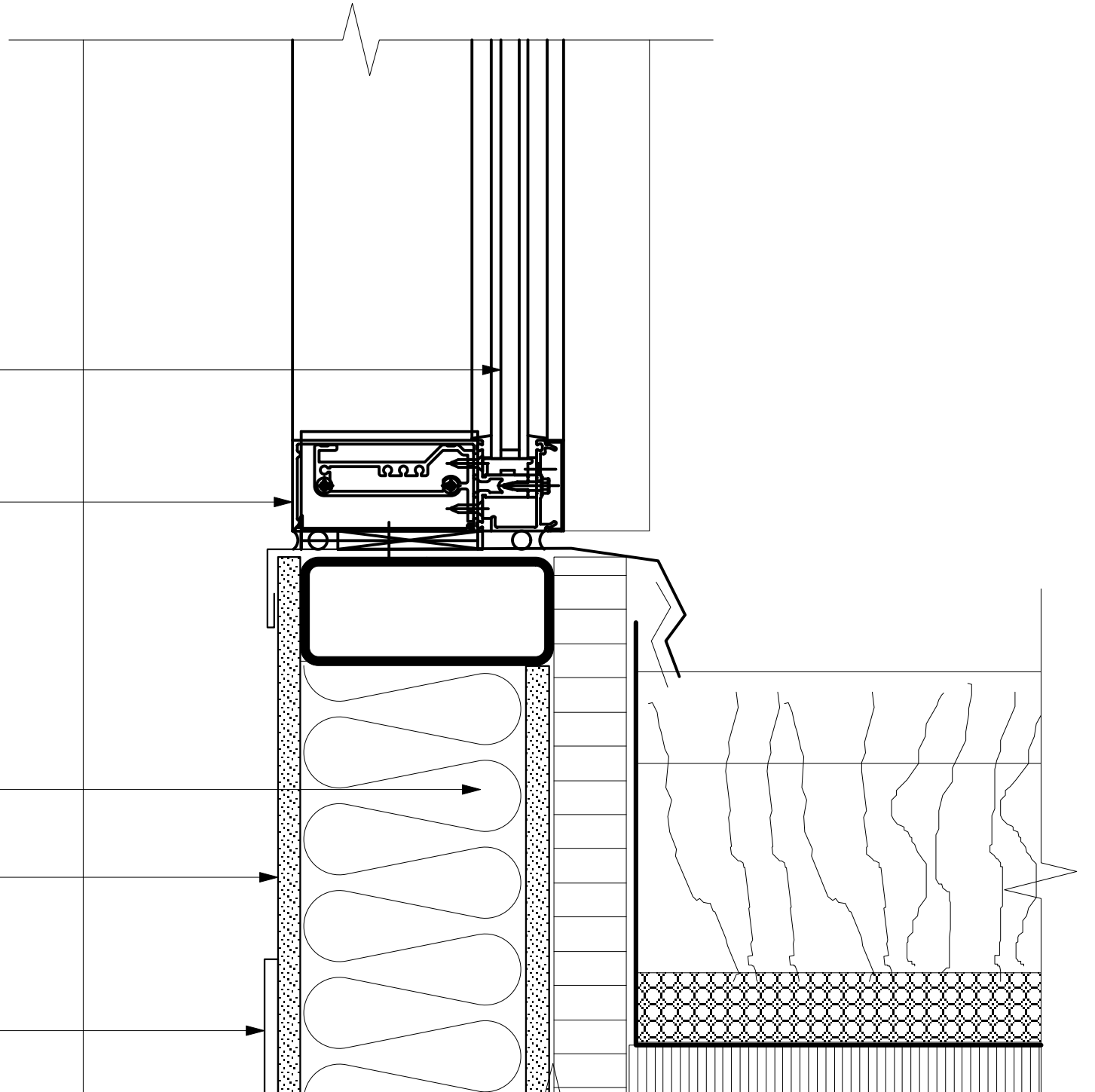
4 Curtain Wall Jamb Detail
A5.1 Scale: 3" = 1'-0"



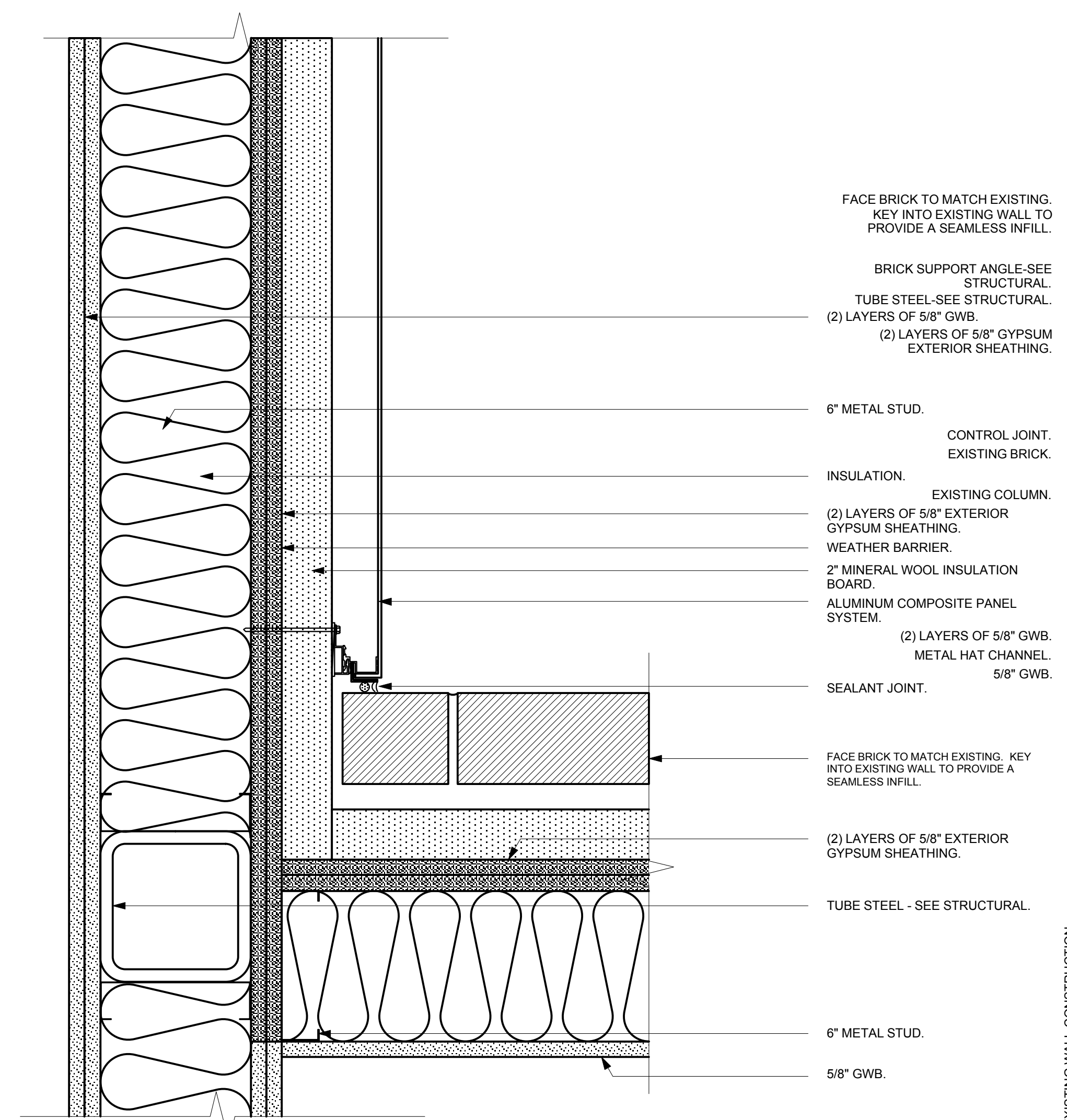
7 Curtain Wall Sill Detail
A5.1 Scale: 3" = 1'-0"



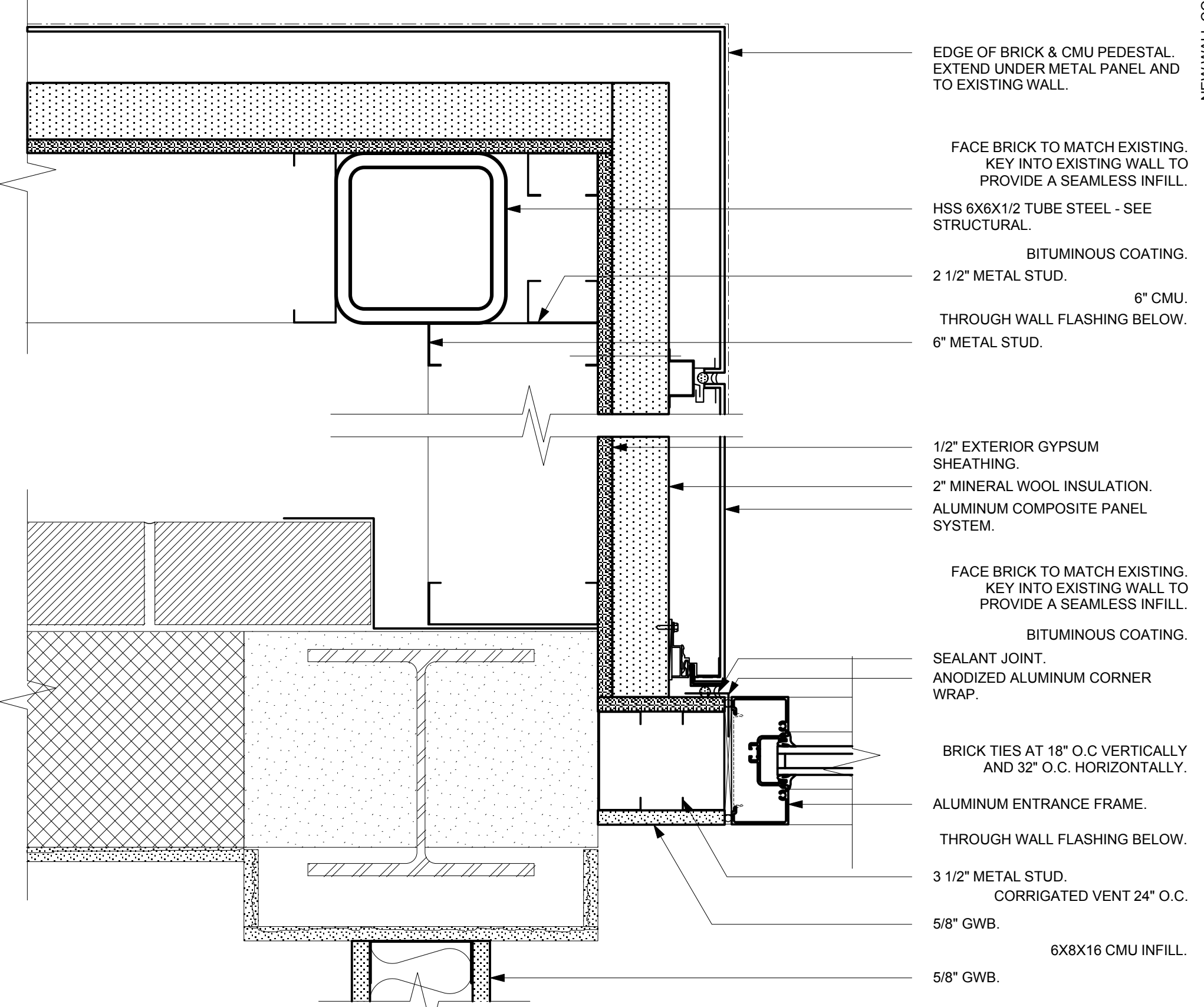
5 Curtain Wall Sun Shade Detail
A5.1 Scale: 3" = 1'-0"



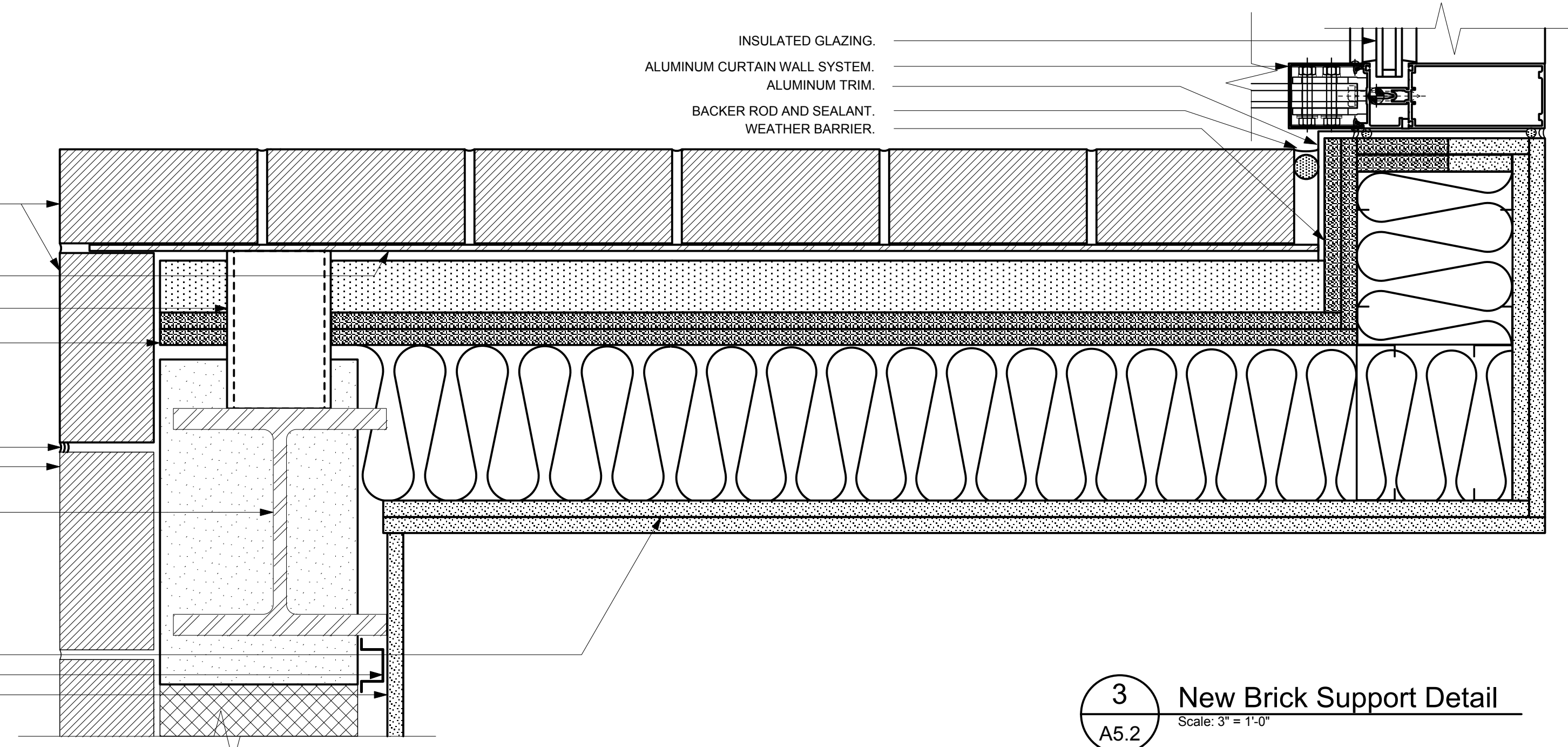
8 Curtain Wall Sill Detail
A5.1 Scale: 3" = 1'-0"



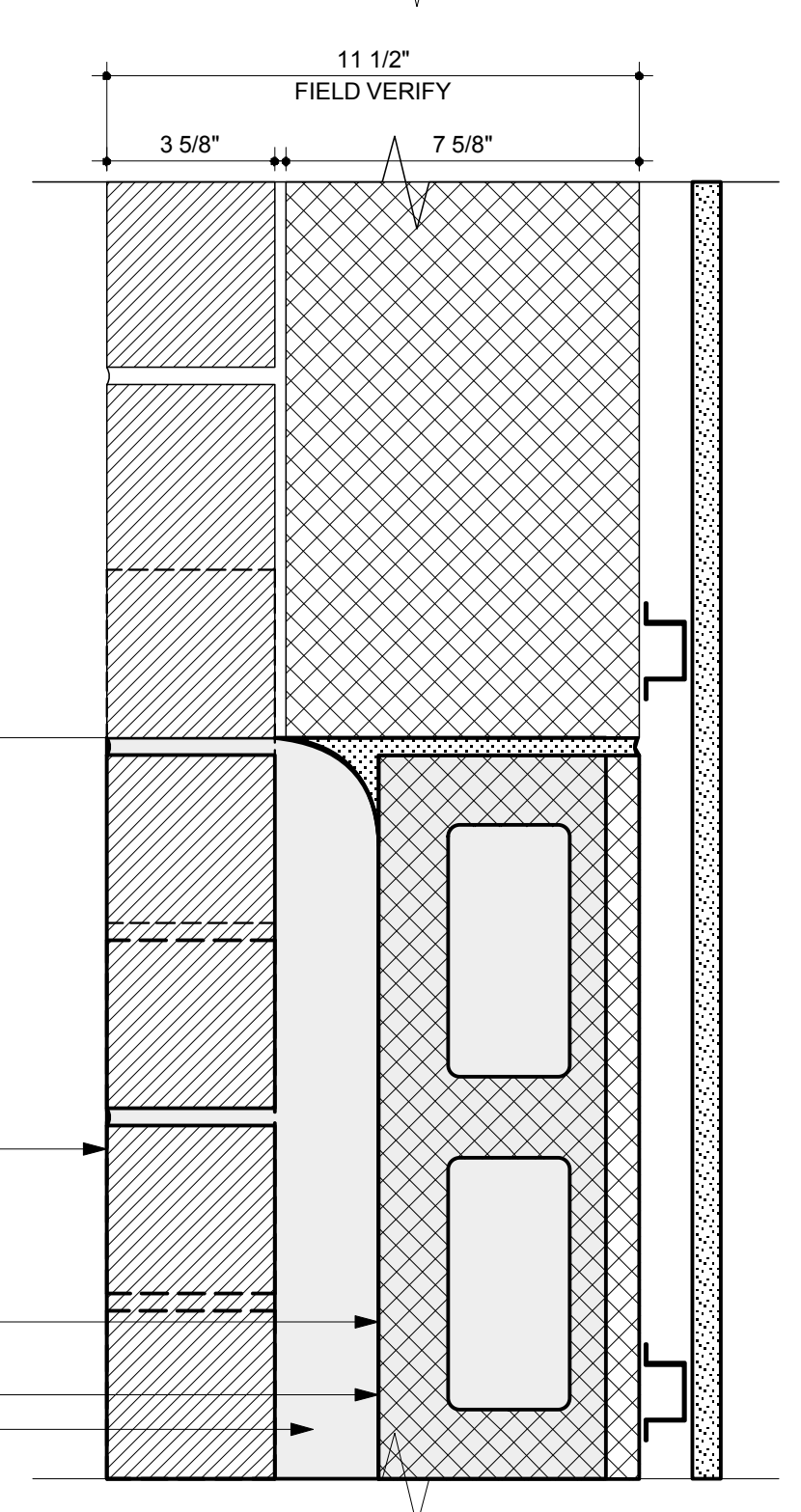
4 Aluminum Composite Panel to Brick Detail
Scale: 3" = 1'-0"
A5.2



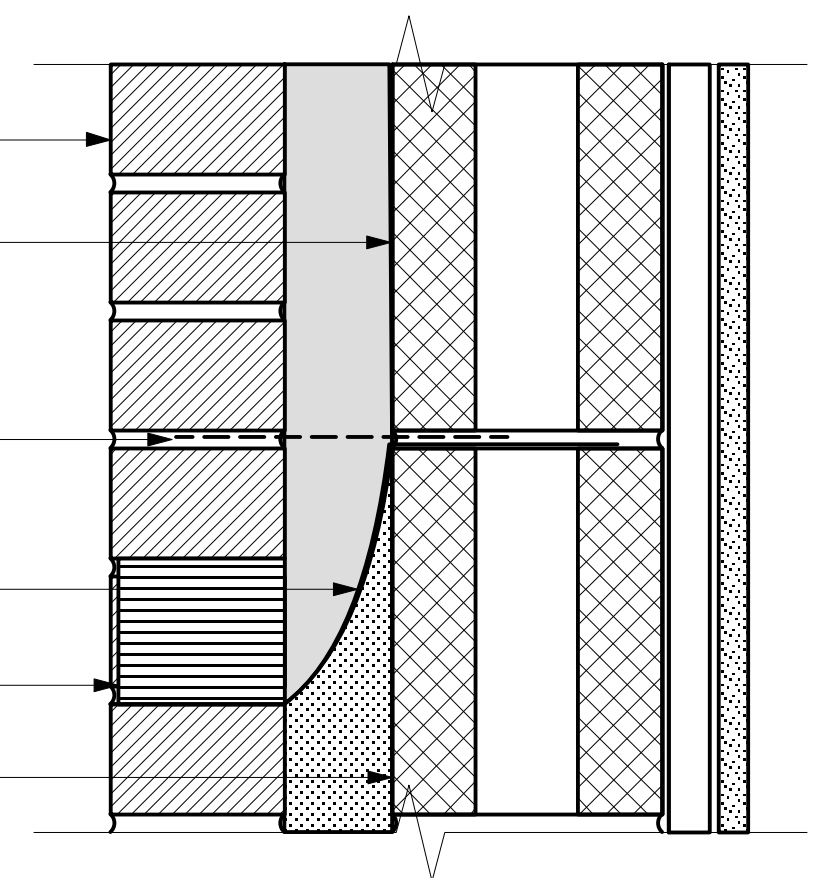
7 West Entrance Detail
Scale: 3" = 1'-0"
A5.2



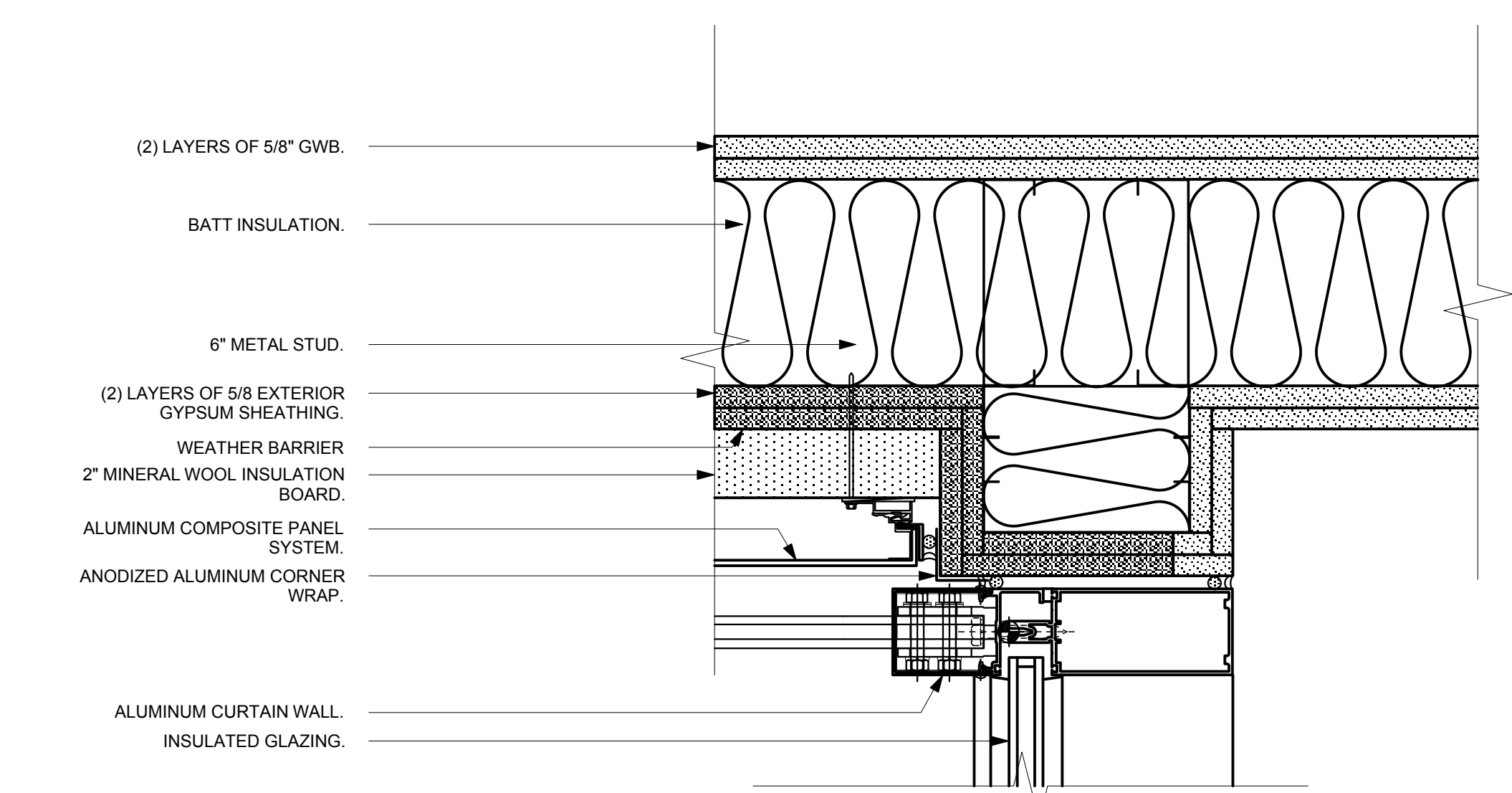
3 New Brick Support Detail
Scale: 3" = 1'-0"
A5.2



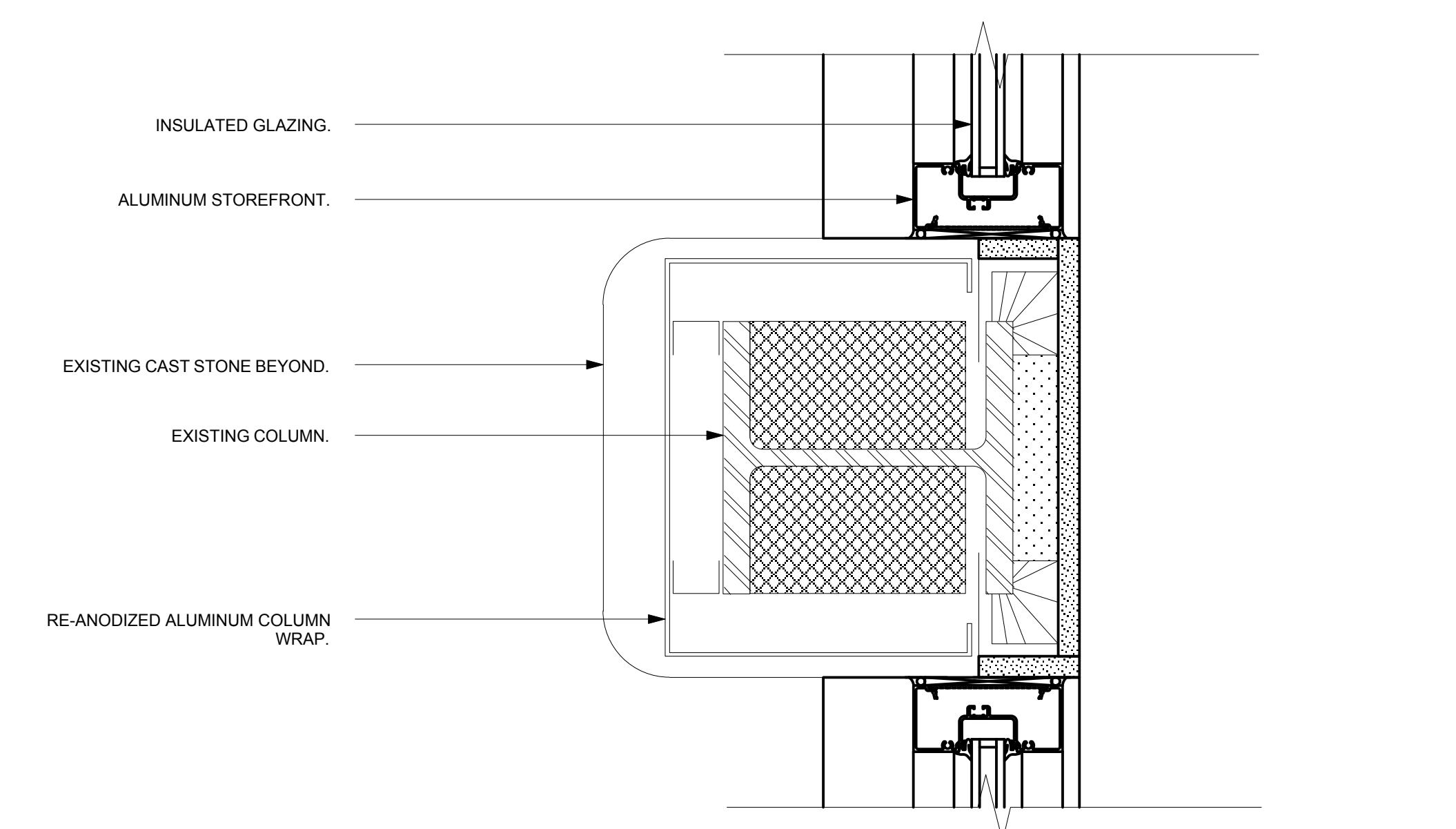
5 Exterior Wall Infill Plan Detail
Scale: 3" = 1'-0"
A5.2



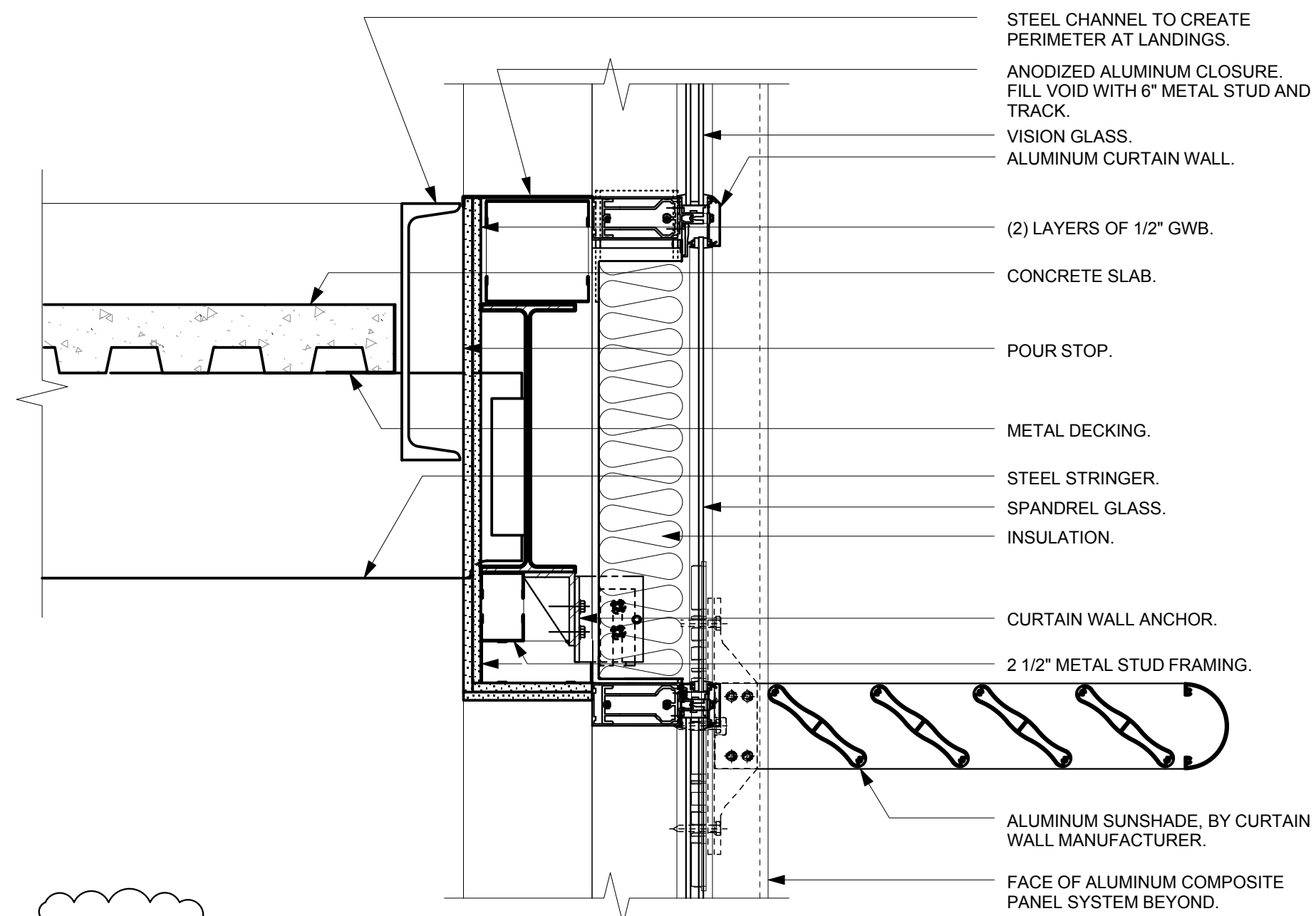
8 Exterior Wall Infill Section Detail
Scale: 3" = 1'-0"
A5.2



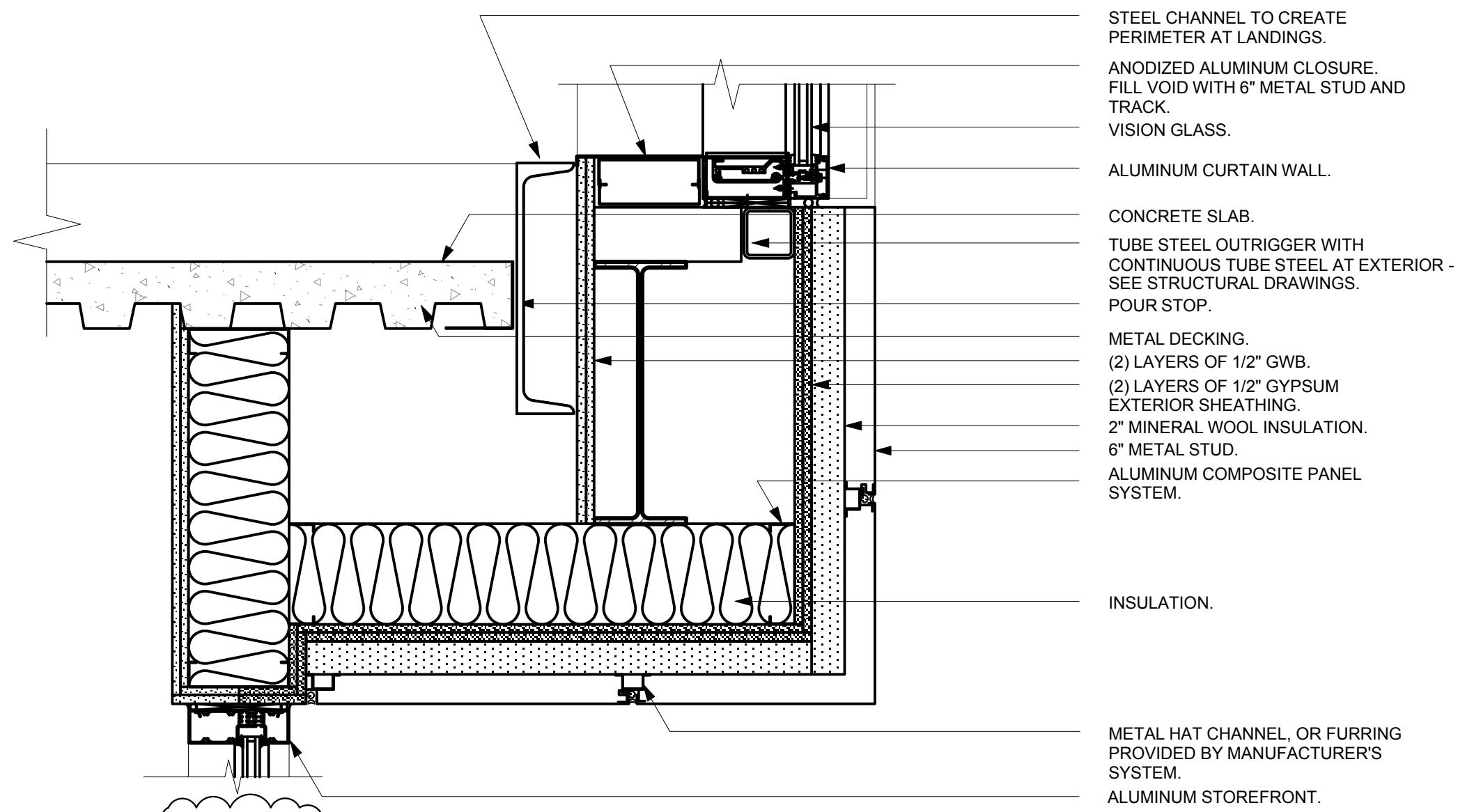
6 Curtain Wall Jamb Detail
Scale: 3" = 1'-0"
A5.2



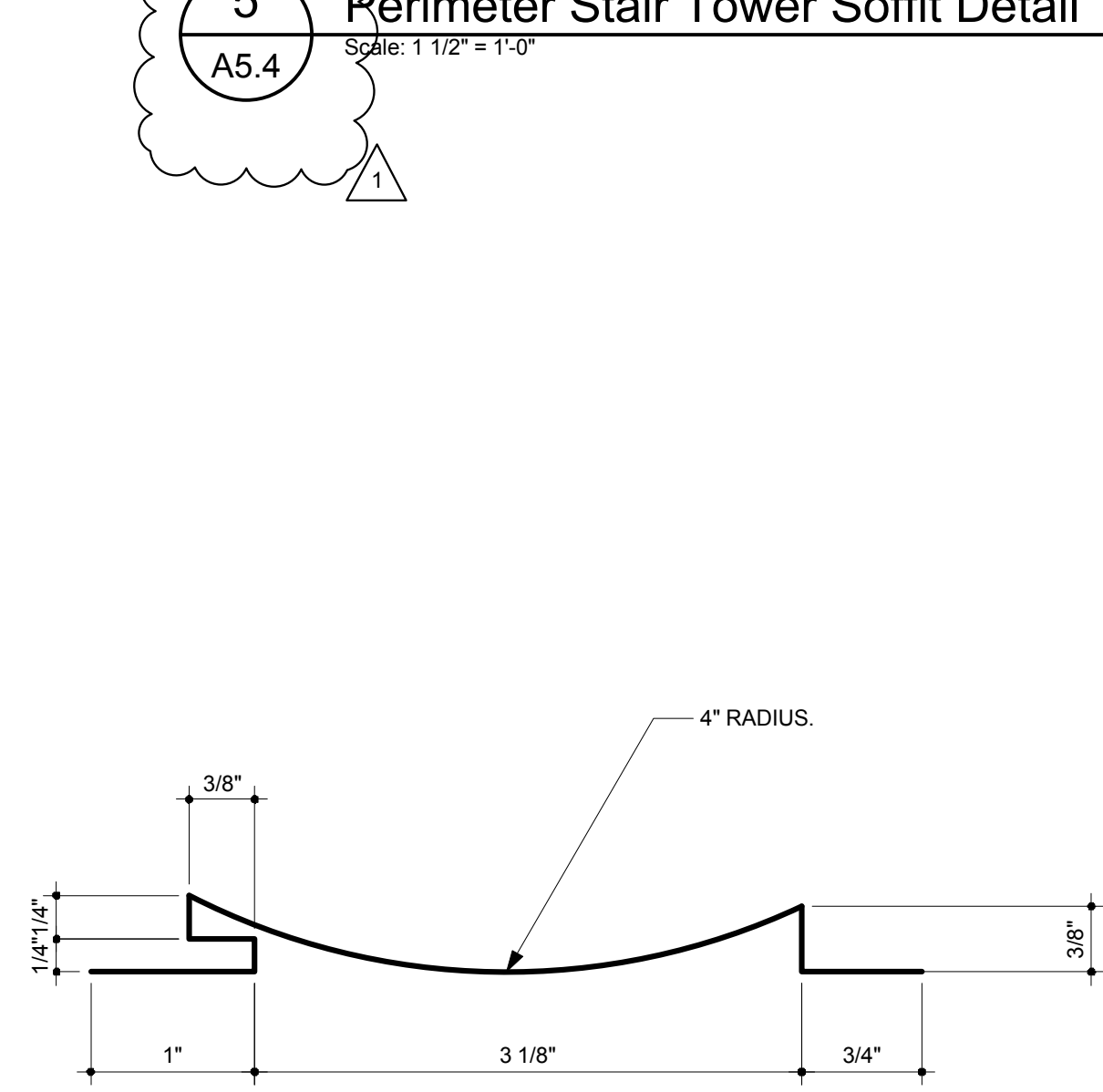
9 Storefront Jamb Detail at Column
Scale: 3" = 1'-0"
A5.2



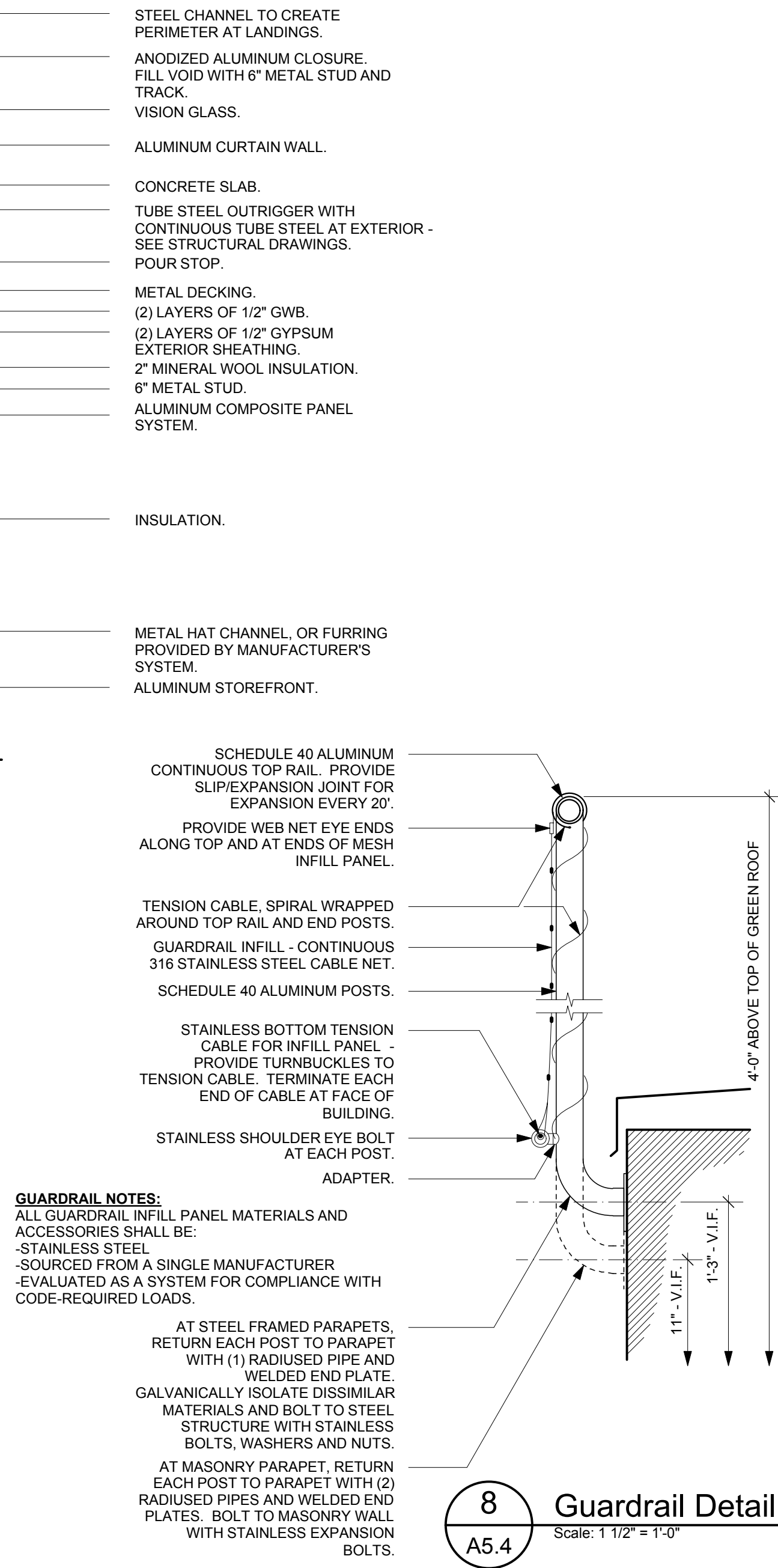
4 Perimeter Stair Tower Landing Detail
 A5.4 Scale: 1 1/2" = 1'-0"



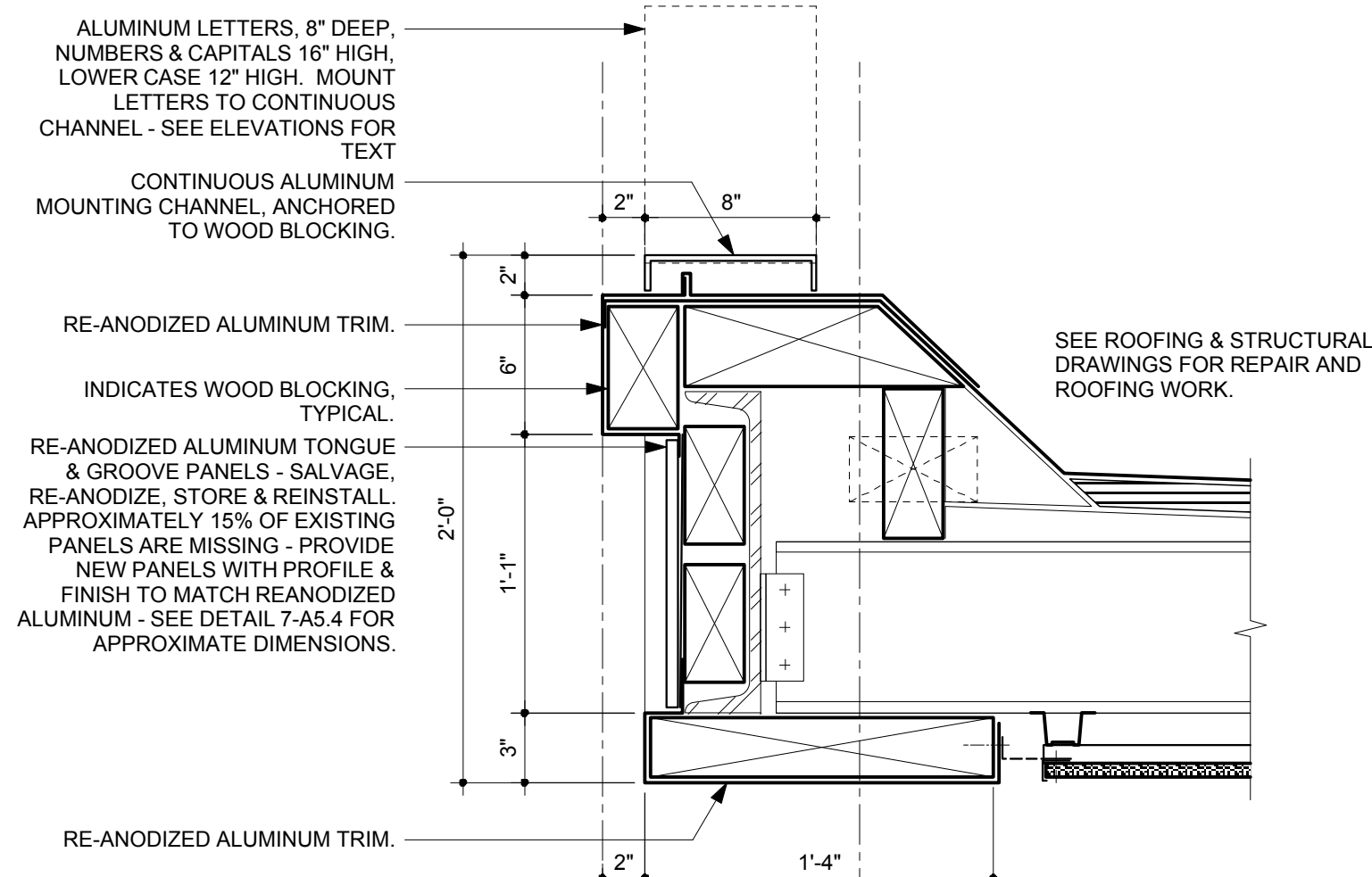
5 Perimeter Stair Tower Soffit Detail
 A5.4 Scale: 1 1/2" = 1'-0"



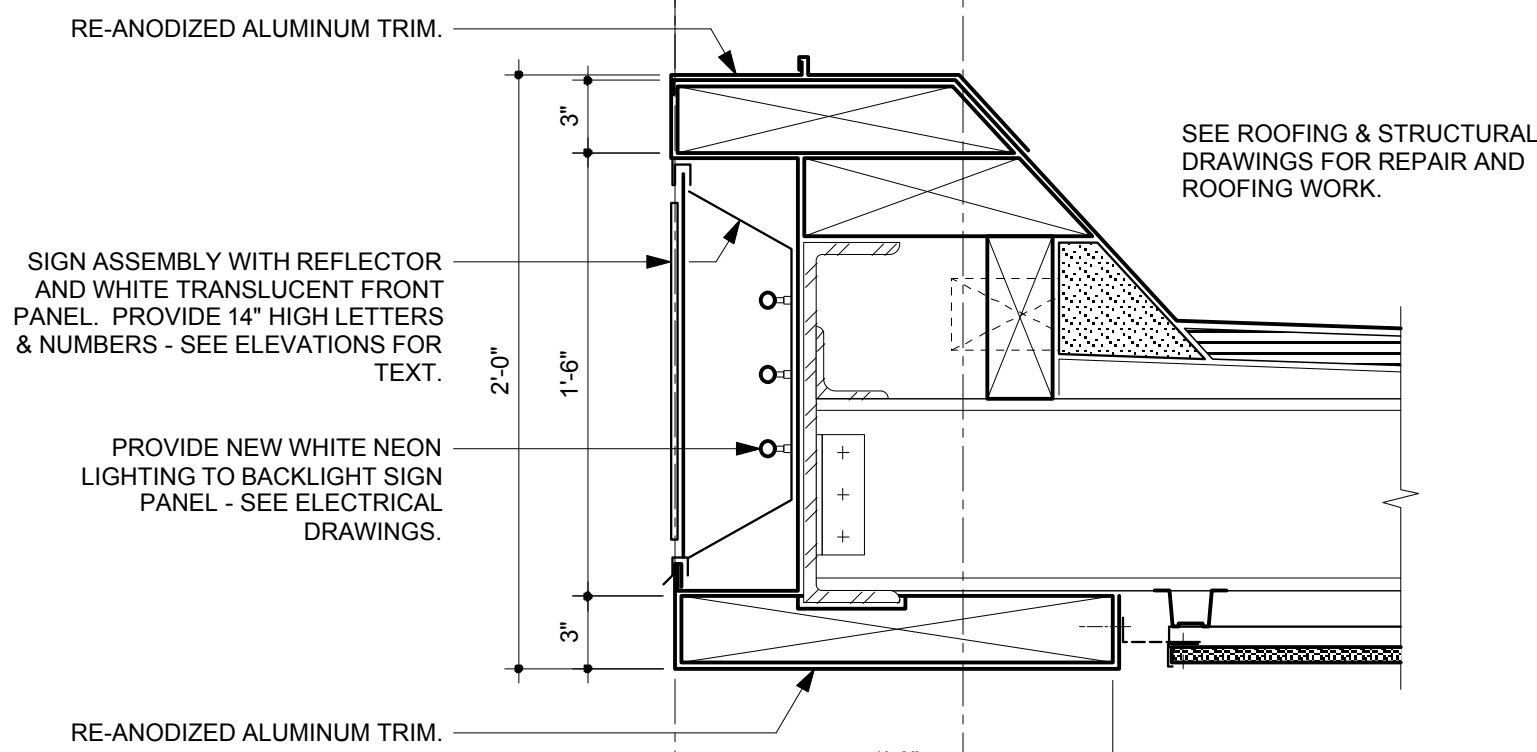
7 Metal Fascia Profile
 A5.4 Scale: Actual Size FIELD VERIFY ALL DIMENSIONS.



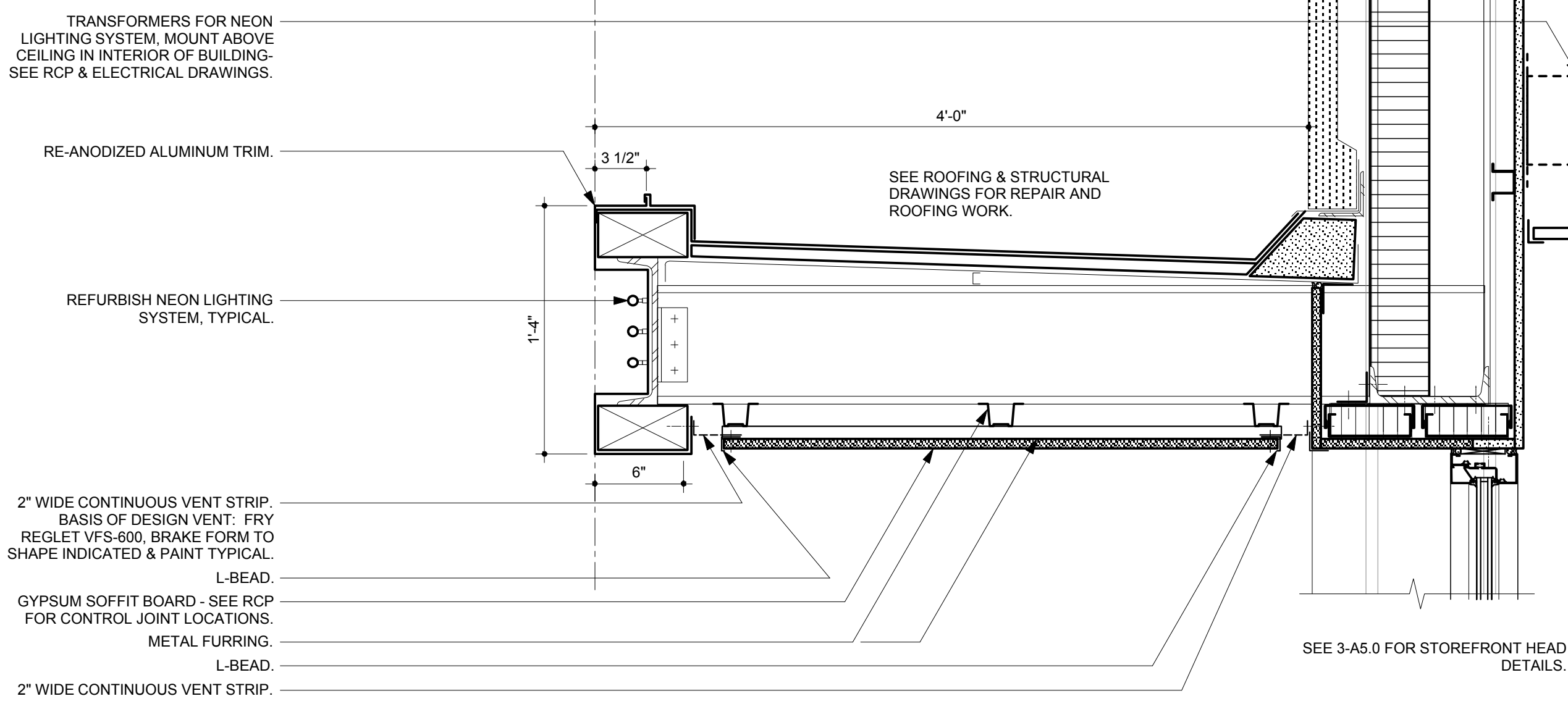
8 Guardrail Detail
 A5.4 Scale: 1 1/2" = 1'-0"



3 Chestnut Street Canopy Detail
 A5.4 Scale: 1 1/2" = 1'-0"



6 4th Street Canopy Detail
 A5.4 Scale: 1 1/2" = 1'-0"



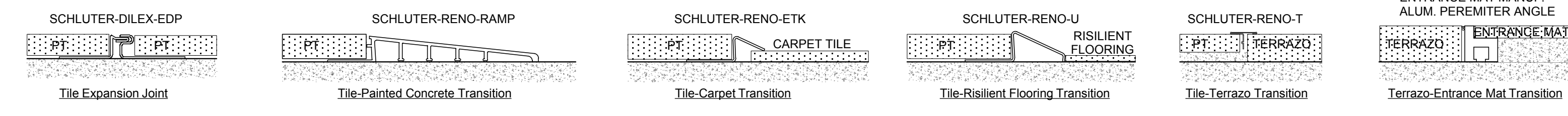
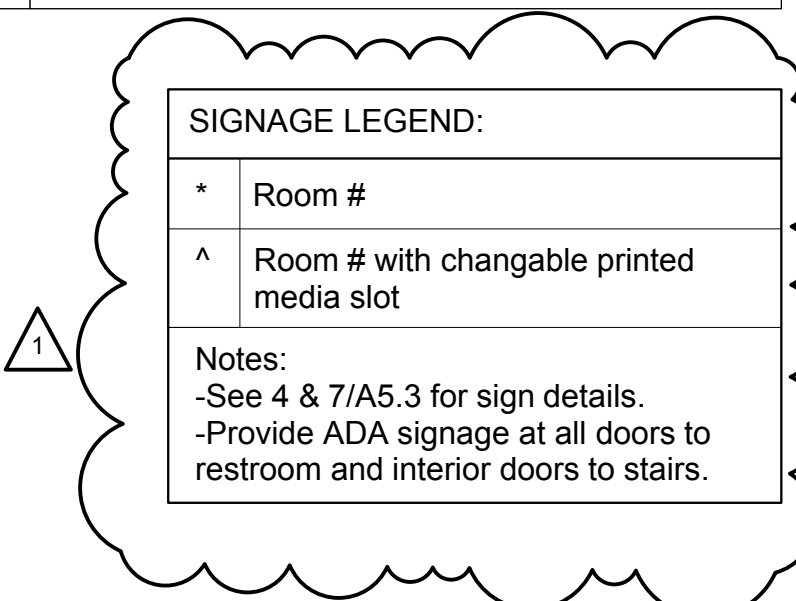
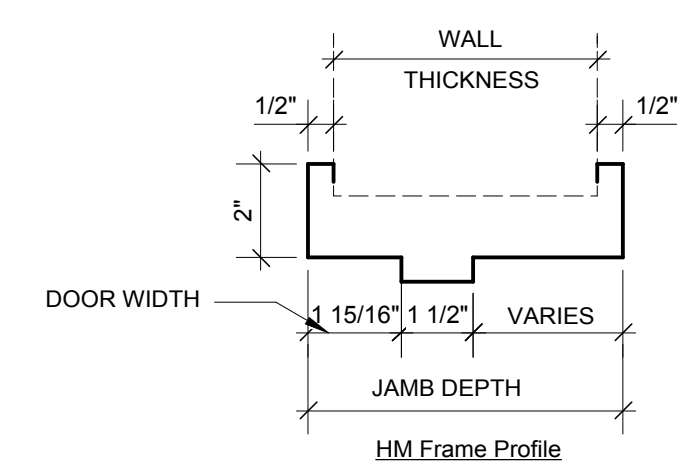
9 Canopy Section
 A5.4 Scale: 1 1/2" = 1'-0"

TYPICAL CANOPY NOTES:
 -FIELD VERIFY ALL DIMENSIONS: FASCIA TRIM PATTERN AND PROFILES TO MATCH EXISTING. SALVAGE & RE-ANODIZE EXISTING ALUMINUM TRIM FROM WINDOWS, COLUMN WRAPS AND CANOPIES, AND FABRICATE MISSING PIECES FROM EXCESS SALVAGED MATERIAL.
 -WOOD BLOCKING SHALL BE TREATED, REDRIED, CUT TO MATCH PROFILE OF EXISTING BLOCKING.
 -WRAP WOOD BLOCKING WITH SELF ADHERING MEMBRANE FLASHING.
 -COVER BUTT JOINTS IN RE-ANODIZED TRIM WITH 3" WIDE STRAPS, CUT FROM SALVAGED RE-ANODIZED ALUMINUM. RUN PATTERN OR STRAPS IN SAME DIRECTION AS ON FASCIA TRIM. FASTEN TRIM & STRAPS TO BLOCKING WITH STAINLESS RING SHANK FINISHING NAILS.
 -REMOVE, SHOP TEST, REFURBISH TUBING AND ELECTRODES & REINSTALL NEON TUBE LIGHTING. REINSTALL TUBES TO MAINTAIN EXISTING PATTERN OF COLORS. REPLACE BROKEN TUBES WITH NEW TUBES OF COLORS TO MATCH EXISTING. PROVIDE NEW TUBE SUPPORTS, WIRING AND TRANSFORMERS - SEE RCP & ELECTRICAL DRAWINGS.

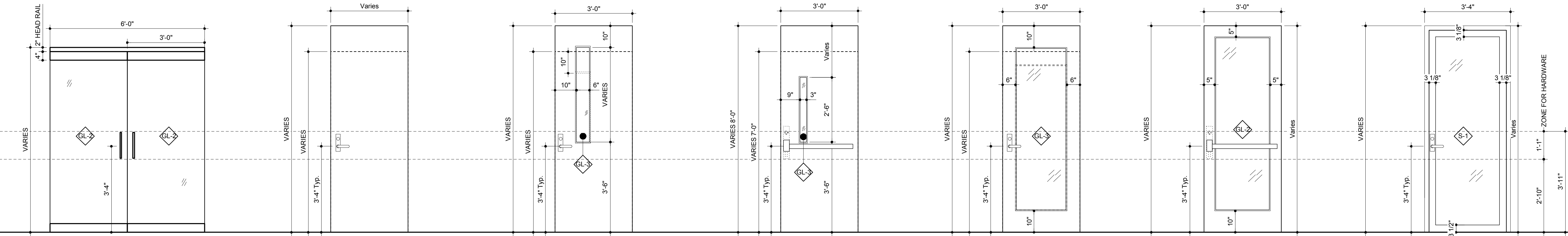
Finish Schedule										
ID	ROOM NAME	FLOOR FINISH	BASE MATERIAL	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING	CEILING HT	REMARKS
100	4th Street Entrance	Walk off Mat / Ex. Terrazzo	Ex. Terrazzo	AR GWB Painted	AR GWB Painted	AR GWB Painted	AR GWB Painted	GWB Painted	10'-0"	Ex. Terrazzo to be patched and refinished.
519	Support Services Coordinator	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
520	Manager	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
521	Program Manager 1	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
522	Records Room	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
523	Women's Restroom	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	PT 6'-8" Wainscot
524	Men's Restroom	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	PT 6'-8" Wainscot
525	Exit Stair	Resilient Treads, Risers & Landin	RB - Cove	AR GWB Painted	AR GWB Painted	AR GWB Painted	AR GWB Painted	Acoustical Sound Panels	-	Paint Stair Structure & Rails
526	Storage 2	Carpet Tiles	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
527	Program Manager 3	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
528	Program Manager 2	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
529	Storage 1	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
530	Drug Testing Restroom	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	PT 6'-8" Wainscot
531	Hall	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
532	IT Closet	Concrete Painted	RB - Cove	GWB Painted	GWB Painted	GWB Painted	Brick / Block / Painted	ACT	8'-4"	
533	Mechanical	Concrete Painted	RB - Cove	GWB Painted	GWB Painted	GWB Painted	Brick / Block / Painted	Open to Structure Painted	Varies	
601	Elevator Lobby	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
602	District Administrator	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
603	Office Manager	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
604	Staff Attorney	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
605	Conference	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
606	Program Support 1	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
607	Program Support 2	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
608	Program Support 3	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
609	Program Support Future	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
610	Staff Attorney Future	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
611	Training Room	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-7"	New Slate Window Stools
612	Future Tenant Space	Concrete	None	GWB Primed	GWB Primed	GWB Primed	GWB Primed	Open to Structure	-	Paint Stair Structure & Rails
613	Exit Stair	Resilient Treads, Risers & Landin	RB - Cove	AR GWB Painted	AR GWB Painted	AR GWB Painted	AR GWB Painted	Acoustical Sound Panels	-	
614	Hall 1	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
615	Men's Restroom	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	PT 6'-8" Wainscot
616	Women's Restroom	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	PT 6'-8" Wainscot
617	Exit Stair	Resilient Treads, Risers & Landin	RB - Cove	AR GWB Painted	AR GWB Painted	AR GWB Painted	AR GWB Painted	Acoustical Sound Panels	-	Paint Stair Structure & Rails
618	Waiting Area	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
619	Storage 1	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
620	Storage 2	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
621	Copy/Print	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
622	File Room	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
623	Break Room	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
624	Hall 2	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	
625	IT Closet	Concrete Painted	RB - Cove	GWB Painted	GWB Painted	GWB Painted	Brick / Block / Painted	ACT	8'-4"	
626	Mechanical	Concrete Painted	RB - Cove	GWB Painted	GWB Painted	GWB Painted	Brick / Block / Painted	Open to Structure Painted	Varies	
701	Elevator Lobby	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	9'-6"	
702	Mechanical 1	Concrete Painted	RB - Cove	GWB Painted	GWB Painted	GWB Painted	Brick / Block	Open to Structure Painted	Varies	
703	Elevator Equipment	Concrete Painted	RB - Cove	Brick / Block	GWB Painted	GWB Painted	Brick / Block	Open to Structure Painted	Varies	
704	Exit Stair	Resilient Treads, Risers & Landin	RB - Cove	AR GWB Painted	AR GWB Painted	AR GWB Painted	AR GWB Painted	Acoustical Sound Panels	-	Paint Stair Structure & Rails
705	Break Room	PT	PT	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	9'-6"	
706	Roof Terrace	Conc. Pavers	-	-	-	-	-	-	-	Welded Aluminum Railings
707	Exit Stair	Resilient Treads, Risers & Landin	RB - Cove	AR GWB Painted	AR GWB Painted	AR GWB Painted	AR GWB Painted	Acoustical Sound Panels	-	Paint Stair Structure & Rails
708	Mechanical 2	Concrete Painted	RB - Cove	GWB Painted	GWB Painted	GWB Painted	Brick / Block / GWB Painted	Open to Structure Painted	Varies	
709	Roof	Green Roof, planted grasses	-	-	-	-	-	-	-	
710	Storage	Carpet Tile	RB-Profile	GWB Painted	GWB Painted	GWB Painted	GWB Painted	ACT	8'-4"	

Notes:
 ACT - acoustical ceiling tiles
 GWB - gypsum wall board
 PT - porcelain tile
 RB - rubber base
 AR GWB - abuse resistant gypsum wall board

Door Schedule										
Door ID #	Size WxH	Type	Material	Frame Type	Material	Jamb Depth	Remarks			
517A *	3-0 x 8-0	-	-	IAF1	Aluminum	6" nom.				
518A *	3-0 x 8-0	D	Wood	IAF3	Aluminum	6" nom.				
519A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
520A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
521A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
522A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
523A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
524A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
525A *	3-0 x 8-0	G	Alum/Glass	FRGW3	Aluminum	7 1/8"	2-Hour fire rated door & frame. Meet UL 263 / ASTM E-119.			
526A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
527A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
528A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
529A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
530A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
531A *	3-0 x 8-0	B	Wood	IAF3	Aluminum	6" nom.				
532A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
533A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
602A *	3-0 x 8-0	B	Wood	IAF3	Aluminum	6" nom.				
603A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
604A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
605A *	3-0 x 8-0	B	Wood	IAF3	Aluminum	6" nom.				
606A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
607A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
608A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
609A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
610A *	3-0 x 8-0	B	Wood	IAF2	Aluminum	6" nom.				
611A *	3-0 x 8-0	G	Alum/Glass	FRGW4	Aluminum	7 1/8"	1-Hour fire rated door & frame. Meet UL 263 / ASTM E-119.			
611B *	3-0 x 8-0	G	Alum/Glass	FRGW3	Aluminum	7 1/8"	1-Hour fire rated door & frame. Meet UL 263 / ASTM E-119.			
611C *	3-0 x 8-0	G	Alum/Glass	FRGW1	Aluminum	7 1/8"	1-Hour fire rated door & frame. Meet UL 263 / ASTM E-119.			
612A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
613A *	3-0 x 8-0	D	Wood	HM1	Metal	6 5/8"	1 1/2 Hour fire rated door & frame.			
615A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
616A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
617A *	3-0 x 8-0	G	Alum/Glass	FRGW3	Aluminum	7 1/8"	2-Hour fire rated door & frame. Meet UL 263 / ASTM E-119.			
618A *	3-0 x 8-0	B	Wood	IAF5	Aluminum	6" nom.				
619A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
620A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
622A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
623A *	3-0 x 8-0	C	Wood	IAF1	Aluminum	6" nom.				
624A *	3-0 x 8-0	B	Wood	IAF3	Aluminum	6" nom.				
625A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
626A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
702A *	3-6 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				
702B *	3-6 x 8-0	B	HM	HM1	Metal	8 1/4"	Galvanealed			
702C *	3-6 x 8-0	B	HM	HM1	Metal	8 1/4"	Galvanealed			
703A *	3-0 x 6-8	B	HM	HM1	Metal	6 5/8"	1 1/2 Hour fire rated door & frame.			
704A *	3-0 x 8-0	G	Alum/Glass	FRGW3	Aluminum	7 1/8"	2-Hour fire rated door & frame. Meet UL 263 / ASTM E-119.			
705A *	3-0 x 8-0	B	Wood	IAF7	Aluminum	6" nom.				
706A *	3-0 x 8-0	F	Alum/Glass	AC1	Aluminum	?				
707A *	3-0 x 7-0	D	HM	HM1	Metal	9 1/4"	1 1/2 Hour fire rated door & frame.			
708A *	3-0 x 8-0 PR	B	Wood	IAF1	Aluminum	6" nom.				
709A *	3-4 x 7-8	-	-	-	-	-	Mechanical Screen Gate			
710A *	3-0 x 8-0	B	Wood	IAF1	Aluminum	6" nom.				



NOTE: TRANSITIONS SHOWN ARE BASIS OF DESIGN. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.



Door Type 'A' All Glass, Door Type 'B' Solid, Door Type 'C' View Lite, Door Type 'D' Fire Door, Door Type 'E' Wood Full Lite, Door Type 'F' Aluminum Full Lite, Door Type 'G' Aluminum Full Lite Fire Rated

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 Building Envelope Systems Specialists



320 Chestnut Street Additions & Renovations

New Hanover County

Construction Drawings
 January 24, 2014

Revisions:
 1 ADDENDUM #1, 3/19/14

Door & Window Schedules & Elevations

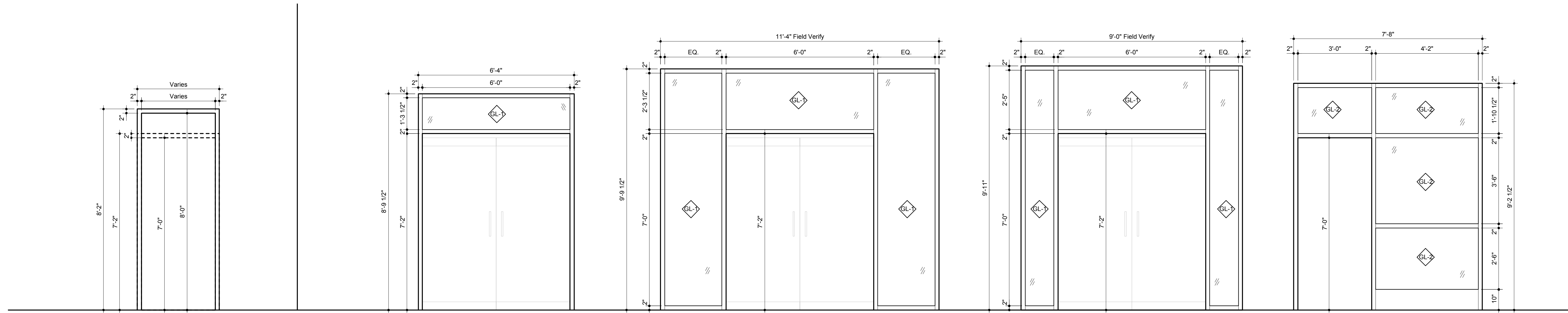


320 Chestnut Street
Additions & Renovations
New Hanover County

Construction Drawings
January 24, 2014

Revisions:

Door & Window Elevations



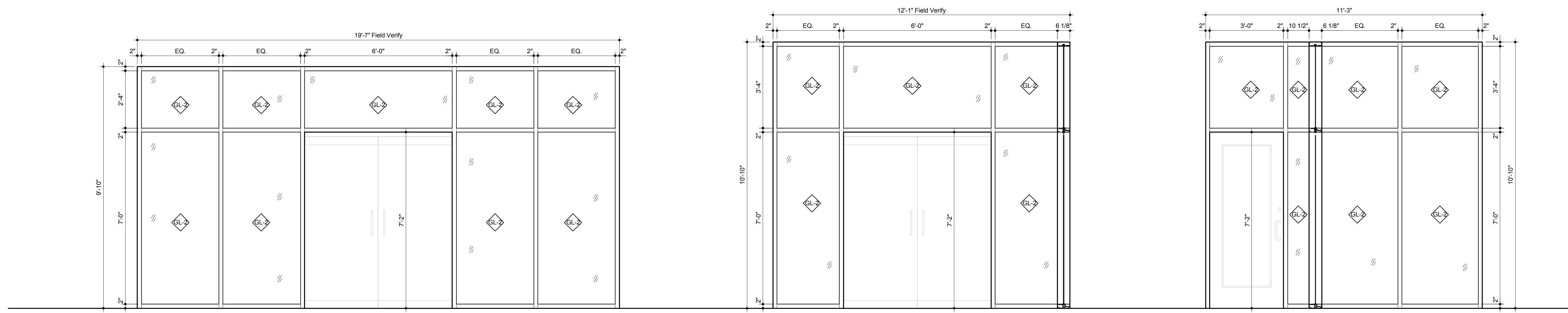
HM Door Frame 'HM1'

Aluminum Storefront Frame 'AS1'

Aluminum Storefront Frame 'AS2'

Aluminum Storefront Frame 'AS3'

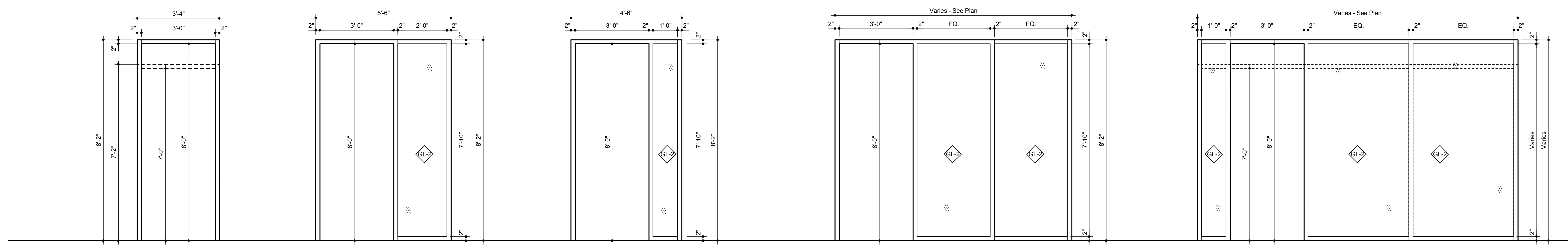
Aluminum Storefront Frame 'AS4'



Aluminum Storefront Frame 'AS5'

Aluminum Storefront Frame 'AS6'

Aluminum Storefront Frame 'AS7'



Interior Aluminum Storefront Frame 'IAF1'

Interior Aluminum Frame 'IAF2'
See Floor Plans for Door Orientations

Interior Aluminum Frame 'IAF3'
See Floor Plans for Door Orientations

Interior Aluminum Frame 'IAF4'
See Floor Plans for Door Orientations

Interior Aluminum Frame 'IAF5'

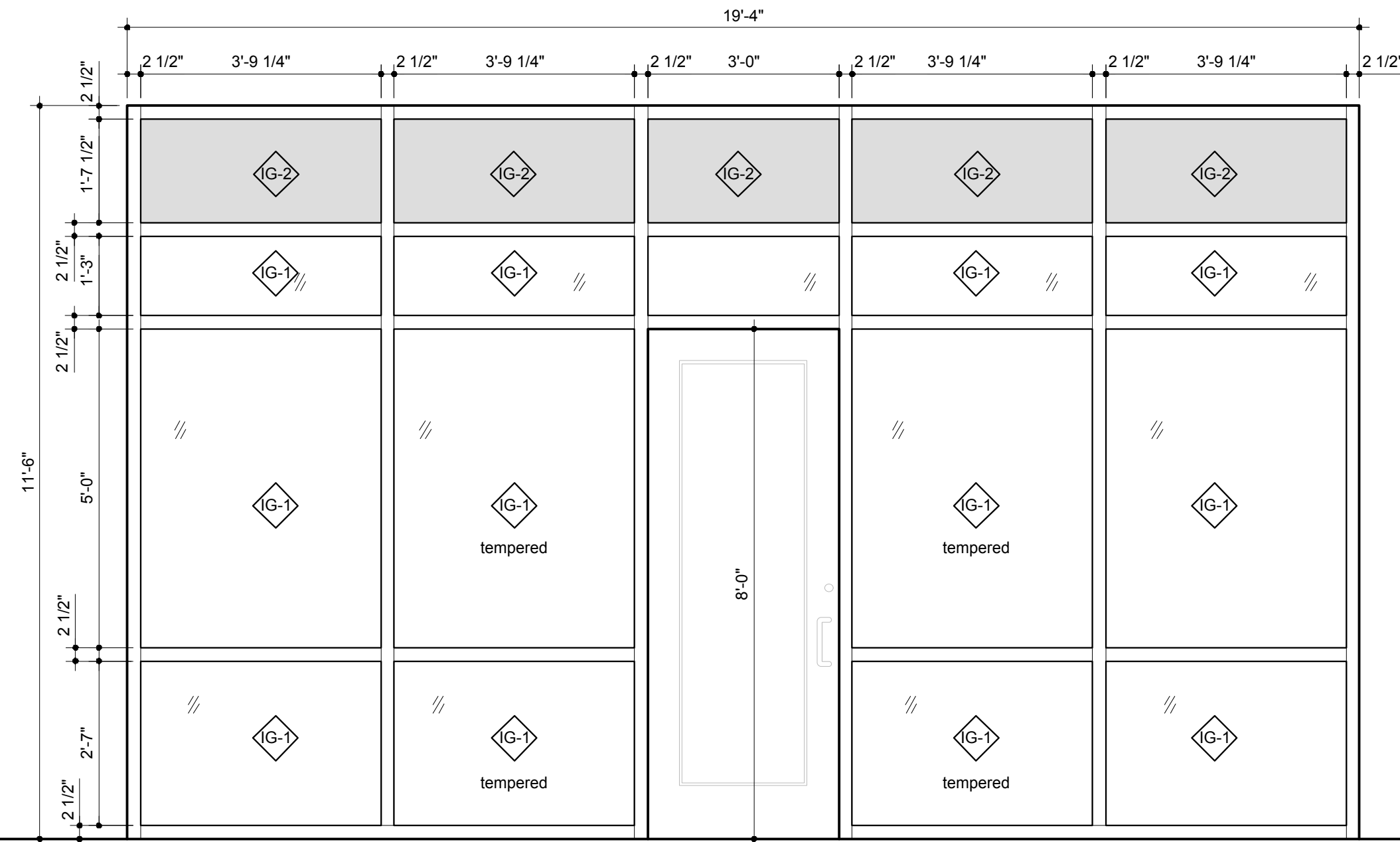
320 Chestnut Street
Additions & Renovations

New Hanover County

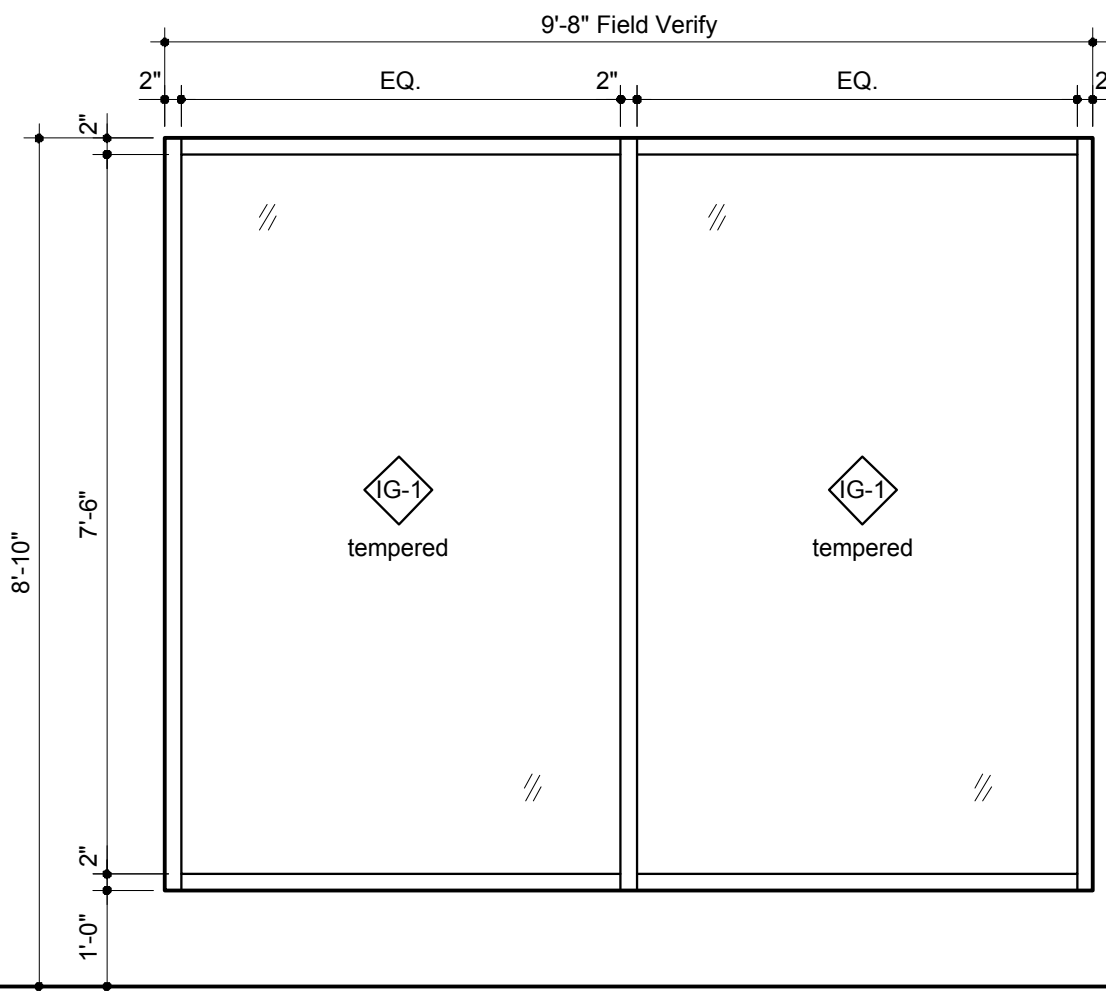
Construction Drawings
January 24, 2014

Revisions:
① ADDENDUM #1, 3/21/14

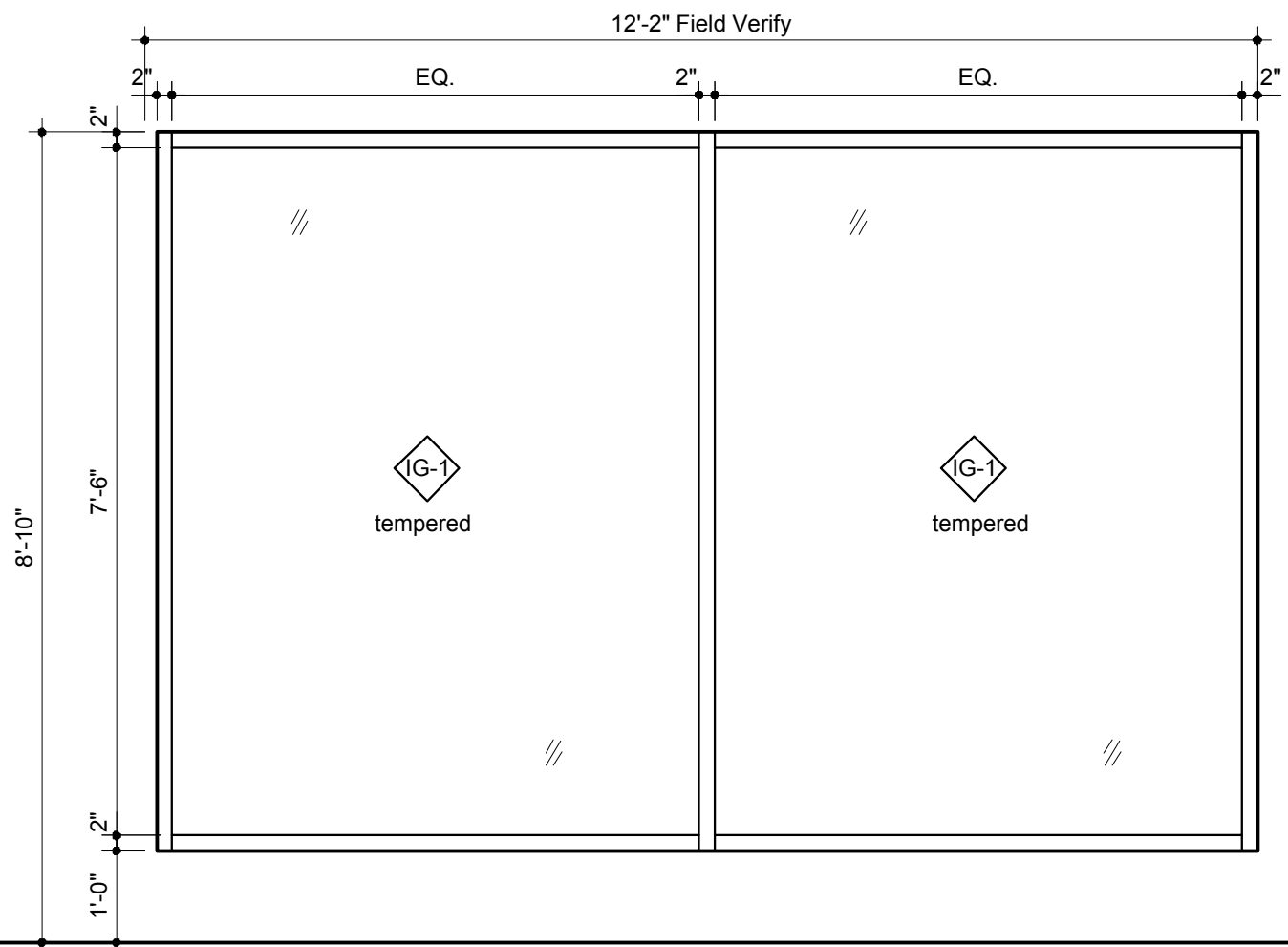
Door & Window Elevations



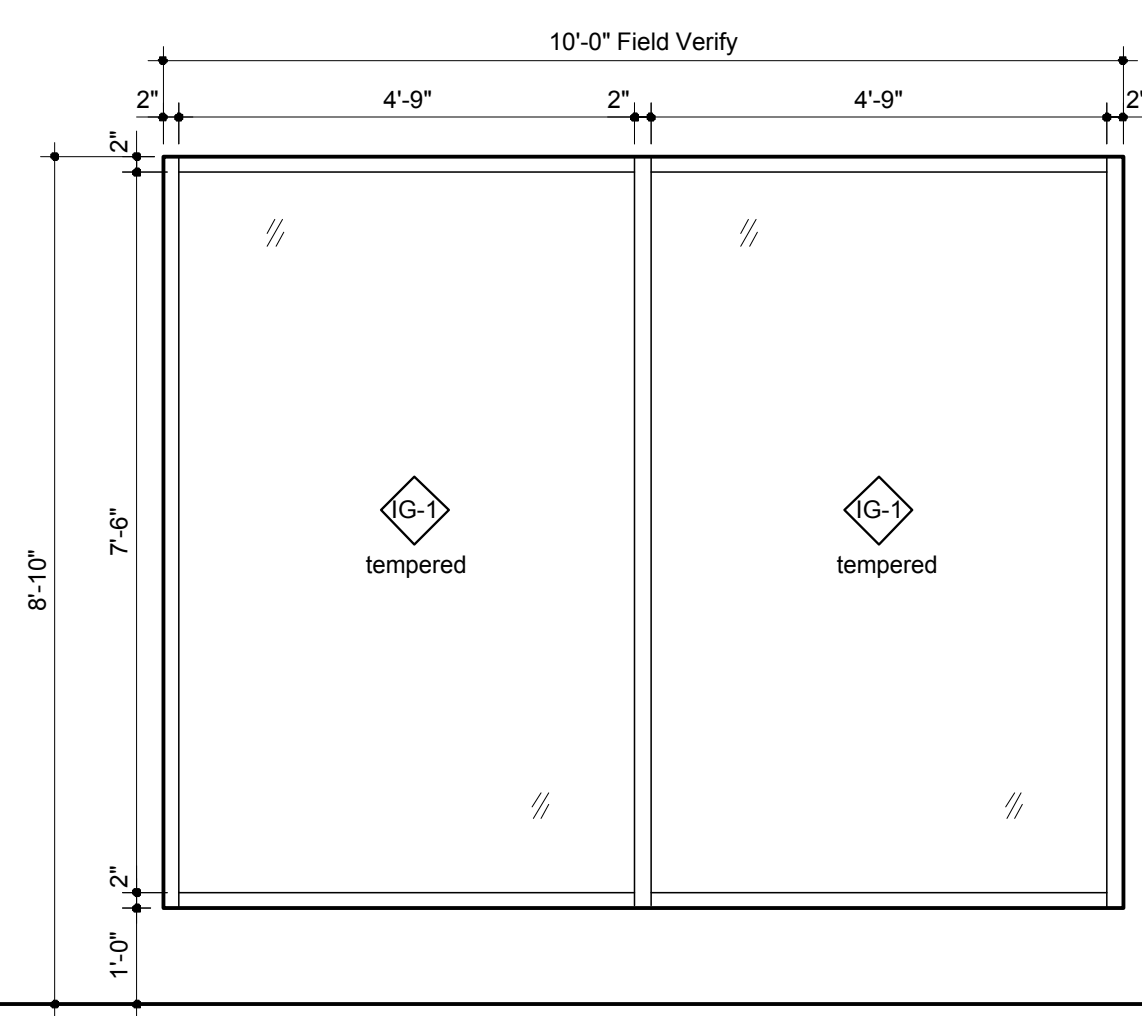
Aluminum Curtain Wall Frame 'AC4'



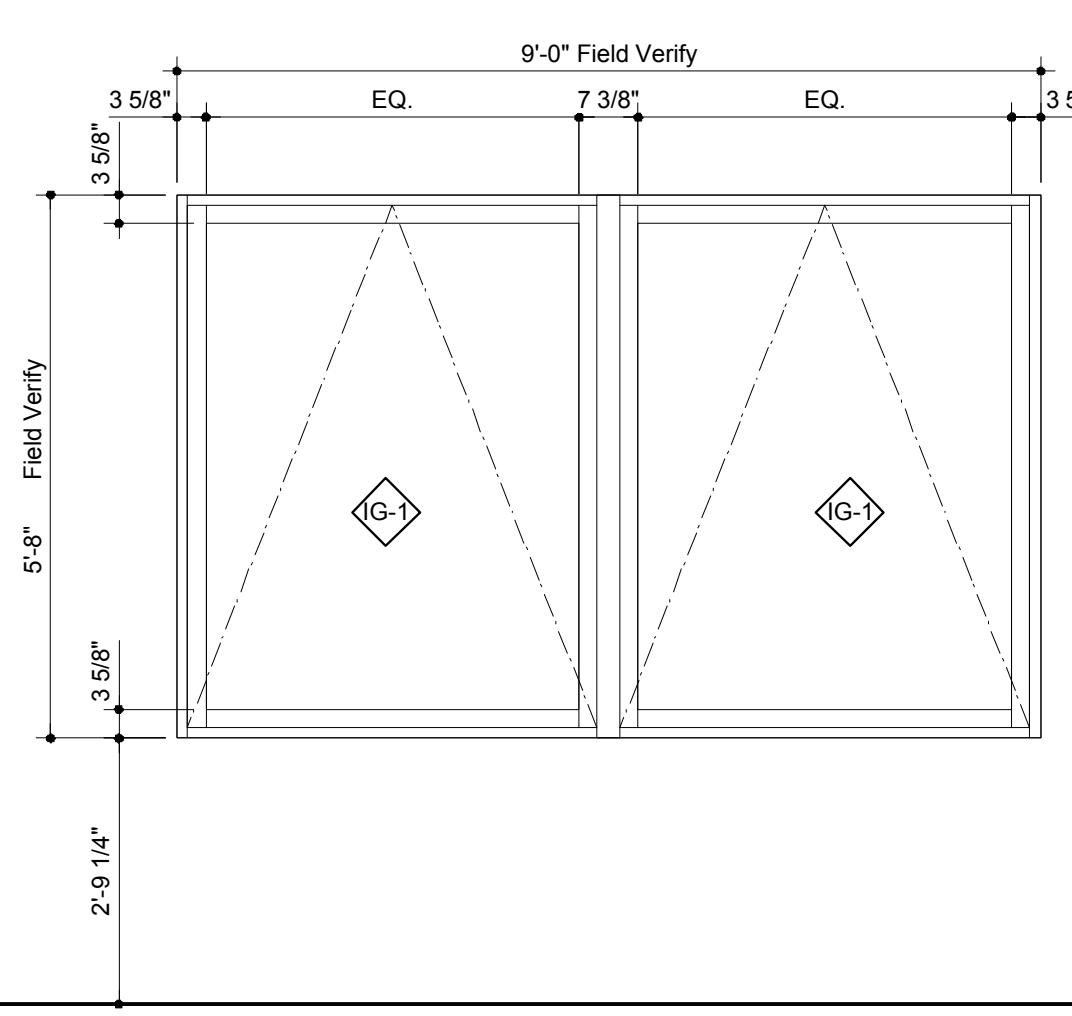
Aluminum Storefront Frame (A)



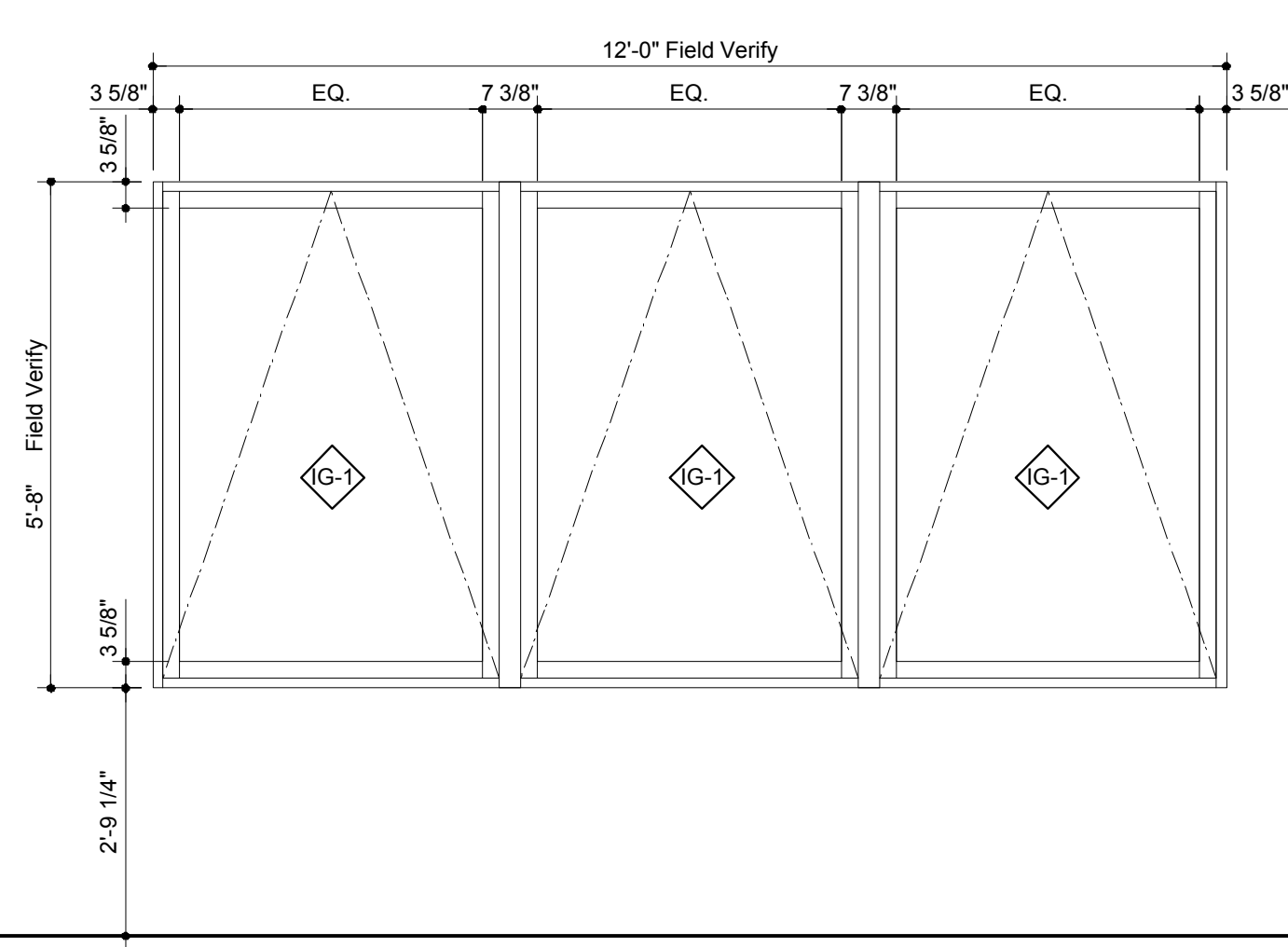
Aluminum Storefront Frame (B)



Aluminum Storefront Frame (C)



Aluminum Window (D)



Aluminum Window (E)

SEE DRAWING 9-A2.1
WEST ELEVATION

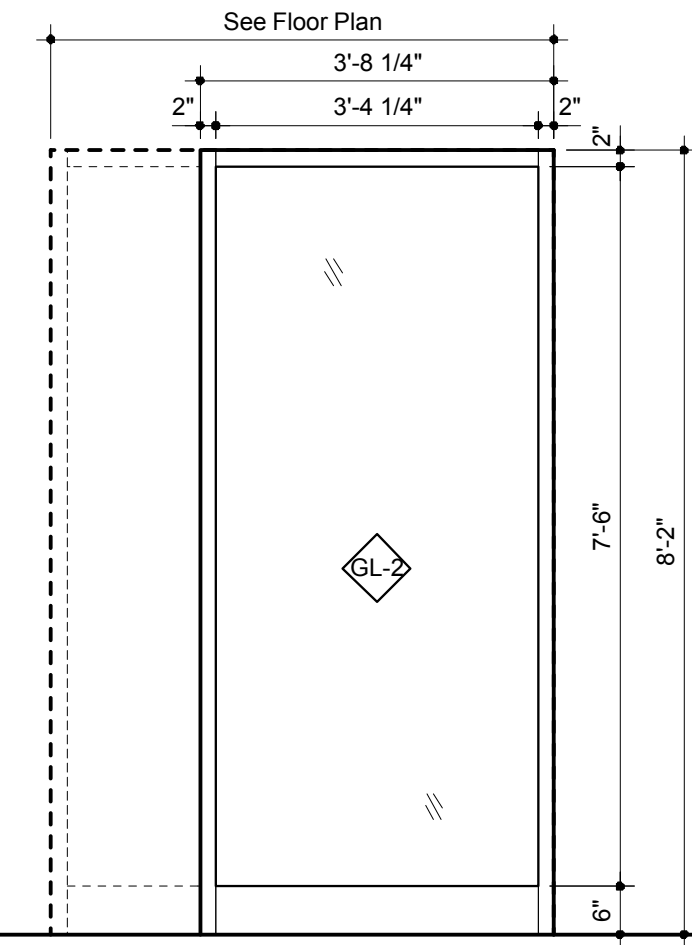
Aluminum Curtain Glazing :
Vision Glass Type IG-1
Sandrel Glass Type IG-2

SEE DRAWING 7-A2.1
SOUTH ELEVATION

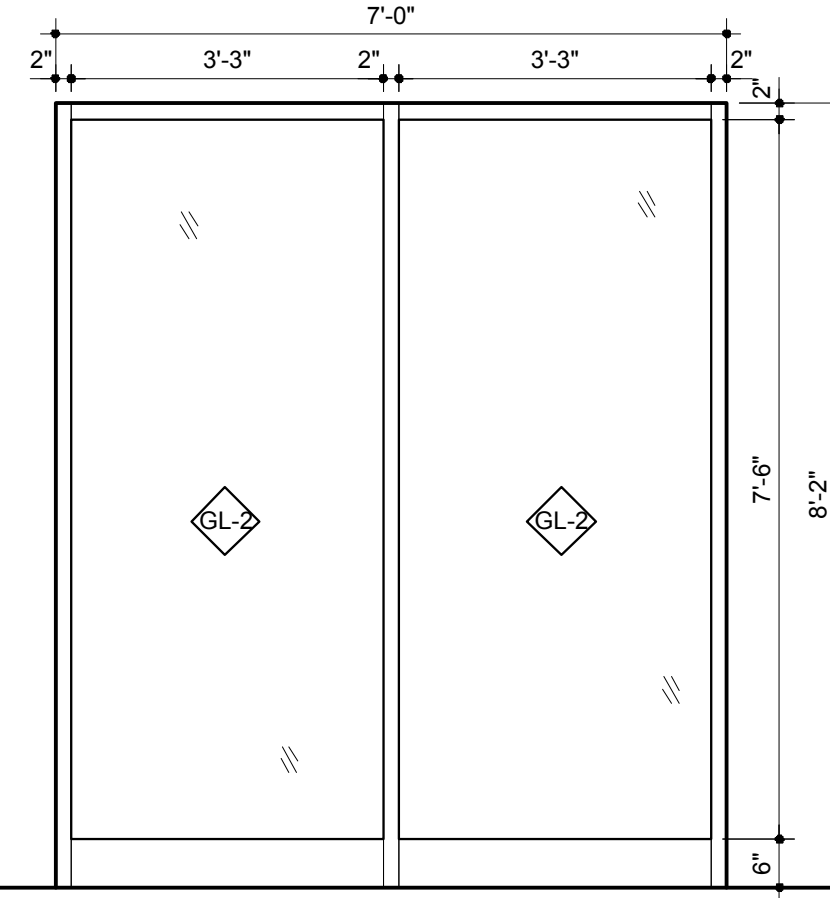
Aluminum Curtain Glazing :
Vision Glass Type IG-1
Sandrel Glass Type IG-2

SEE DRAWING 9-A2.1
WEST ELEVATION

Aluminum Curtain Glazing :
Vision Glass Type IG-1
Sandrel Glass Type IG-2



Aluminum Storefront Frame (H)



Aluminum Storefront Frame (J)

Aluminum Curtain Wall Frame (F) (F.1)

Aluminum Curtain Wall Frame (G)

Aluminum Curtain Wall Frame (H)

Aluminum Storefront Frame (J)