

Addendum 3

Client: Creswell School District
Project: CHS Academic Building Improvements (Primary) Project
Date: March 11, 2026
To: Interested Bidder
Prepared by: Curt Wilson, AIA; Principal, Wilson Architecture

This Addendum modifies the Project Manual, Specifications, and Drawings as follows:

1. General Information
 - 1.1. The Pre-Bid Meeting was held on 2/25/2026. The meeting sign-up sheet was provided with Addendum 1.
 - 1.2. Addendum 1 was distributed on 2/26/2026.
 - 1.3. Addendum 2 was distributed on 3/5/2026. Addendum 2 identified the new bid opening date as 3/17/2026.
 2. Changes to the Project Manual
 - 2.1. Section 00 0101 – Project Title and Information Page
 - a. Replace the original section with attached version. A brief summary of the changes include:
 - The TI Project will include the procurement and installation of all doors, frames, hardware, and access control components.
 - 2.2. Section 00 0110 - TOC
 - a. Delete the following sections from the TOC
 - 08 1416 – Flush Wood Doors
 - 08 1100 – Metal Doors and Frames
 - 08 7100 – Door Hardware
 - 2.3. Section 00 5213 – Form of Agreement
 - a. The draft contract form referenced in this section is included in Addendum 3.
 - 2.4. Section 01 1000 - Summary
 - a. Replace the original section with attached version. A brief summary of the changes include:
 - The TI Project will include the procurement and installation of all doors, frames, hardware, and access control components.
 - 2.5. Section 07 5400 – Thermoplastic Membrane Roofing
-

- a. Item 2.2.B. Add the following manufacturers as acceptable for the specified system:
 - “TPO 80- mil” by IB Roof System.
 - “Duro Tech TPO” by Duro Last.
 - b. Replace the original section with attached version. A brief summary of the changes include:
 - --
- 2.6. Section 08 0607 – Door Hardware Schedule
- a. Replace the original section with attached version. A brief summary of the changes include:
 - The TI Project will include the procurement and installation of all doors, frames, hardware, and access control components.
- 2.7. Section 08 1100 – Metal Doors and Frames
- a. This section deleted from the project. See Section 01 1000 – Summary for Additional information.
 - b. The hollow metal (HM) door frames are 2 inches wide, therefore the dimension of the frame is 4 inches wider than the door nominal size and 2 inches taller than the door nominal height. The rough opening is 1/4 inch on each side and top.
- 2.8. Section 08 1416 – Flush Wood Doors
- a. This section deleted from the project. See Section 01 1000 – Summary for Additional information.
- 2.9. Section 08 4313 – Aluminum Framed Storefront
- a. Replace the original section with attached version. A brief summary of the changes include:
 - *Note added that aluminum storefront doors and associated frames and hardware to be provided and installed by TI Project.*
- 2.10. Section 08 7100 – Door Hardware
- a. This section deleted from the project. See Section 01 1000 – Summary for Additional information.
3. Changes to the Drawings
- 3.1. Sheet D1.20 – Demo Roof Plan – Area A
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Notes about existing conduit added to the drawing.
- 3.2. Sheet D1.21 - Demo Roof Plan – Area B and C
- a. Replace original sheet with attached version. A brief summary of the changes include:

- Notes about existing conduit added to the drawing.
- 3.3. Sheet A0.20 – Door and Window Schedule
- a. Replace original sheet with attached version. A brief summary of the changes include:
- The TI Project will include the procurement and installation of all doors, frames, hardware, and access control components.
 - This sheet as revised included for reference for doors. The Primary Project contractor to provide rough openings for door frames.
- 3.4. Sheet A1.11 – Floor Plan – Area B and C
- a. Replace original sheet with attached version. A brief summary of the changes include:
- Window type for windows in Library clarified.
 - Size of door in Room 224 adjusted to 42 inches wide. Note, door number changed to 224.1.
- 3.5. Sheet A1.21 – Roof Plan – Area A
- a. Replace original sheet with attached version. A brief summary of the changes include:
- Notes about existing conduit added to the drawing.
 - Note added to clarify the reroof over the 2003 Addition is not in the scope for the Primary Project.
- 3.6. Sheet A1.22 – Roof plan Area B and C
- a. Replace original sheet with attached version. A brief summary of the changes include:
- Add overflow roof drains at recessed areas around existing HVAC Dog House units.
- 3.7. Sheet A1.23 – Roof Plan Overall – Insulation Plan
- a. Replace original sheet with attached version. A brief summary of the changes include:
- Add overflow roof drains at recessed areas around existing HVAC Dog House units.
- 3.8. Sheet A4.00 – Exterior Elevations
- a. Replace original sheet with attached version. A brief summary of the changes include:
- The revisions clarify the extent of the accent band in the siding.
- 3.9. Sheet A5.00 – Building Sections

- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Parapet bracing added to the section.
 - Edge of Entry Awning revised.
- 3.10. Sheet A5.03 – Demo and New Wall Sections
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Parapet bracing added to the section.
- 3.11. Sheet A5.04 - Demo and New Wall Sections
- a. Replace original sheet with attached version. A summary of the changes include:
 - Note about stucco repair added to detail 2.
- 3.12. Sheet A6.11 – Parapet Details
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Parapet bracing added to the detail.
- 3.13. Sheet A6.14 – Roof Details
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Edge of Entry Awning revised.
- 3.14. Sheet A8.01 – Window/Door Details
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Window Head at Vestibule detail revised.
- 3.15. Sheet S4.10 – Roof Framing Details
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Detail 11 revised.
- 3.16. Sheet S4.20 – Roof Framing Details
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Detail 13 revised.
- 3.17. Sheet ED2.11 - Demo Rcp - Area B - Electrical
- a. Replace original sheet with attached version. A brief summary of the changes include:

- Changed phase tag to remove, for egress bug eye fixture in Staff 224.

3.18. Sheet E1.10 - Floor Plan - Area A - Electrical

- a. Replace original sheet with attached version. A brief summary of the changes include:
- Revised exterior wall mounted junction box layout and requirements
 - Updated keynote #2.

3.19. Sheet E1.30 - RCP - Area A - Electrical

- a. Replace original sheet with attached version. A brief summary of the changes include:
- Removed exit sign outside of Vestibule 101. Owner to remove exit sign as part of TI door project.

3.20. Sheet E1.31 - RCP - Area B - Electrical

- a. Replace original sheet with attached version. A brief summary of the changes include:
- Revised exit sign and wall mount bug eye luminaires to normal power circuit, served from Panel 'B'.
 - Added egress bug eye fixture to Staff Room 207.
 - Changed fixture type from R1 to R3 in IT Office 213.

3.21. Sheet P1.13 – Floor Plan Area B Plumbing Above

- a. Replace original sheet with attached version. A brief summary of the changes include:
- New overflow storm piping routed to new lambs tongue downspout nozzle.

3.22. Sheet P1.22 - Roof Plan - Area B - Plumbing

- a. Replace original sheet with attached version. A brief summary of the changes include:
- New overflow drains were added.

3.23. Sheet P7.00 - Schedules

- a. Replace original sheet with attached version. A brief summary of the changes include:
- New lambs tongue and overflow drain schedules.

3.24. Sheet T0.00 - General Notes & Symbols

- a. Replace original sheet with attached version. A brief summary of the changes include:
- Technology Responsibility Matrix updated for access control work by TI Project.

- Access control/security management notes updated for access control work by TI Project.
- 3.25. Sheet T1.10 - Floor Plan - Area B - Technology
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - “ACCESS CONTROL IS FOR REFERENCE PURPOSES ONLY” note added to Rm 101 – Vestibule.
- 3.26. Sheet T1.12 - Floor Plan - Area B - Technology
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - MDF 211 - ADD data location for mechanical controls system.
- 3.27. Sheet T5.00 - Technology Details
- a. Replace original sheet with attached version. A brief summary of the changes include:
 - Notes revised to reflect the access control system by the TI Project.
4. Approved Product Substitutions
- 4.1. 07 5400 – Thermoplastic Membrane Roofing
- a. IB Roof System 80 mil TPO white.
 - b. Duro Last 80 mil TPO white.
- 4.2. 23 8126 – Small Capacity Split System
- a. LG

End of Addendum

5. Attachments

- Spec Sections
 - Section 00 0101 – Project Title and Information Page
 - Section 01 1000 - Summary
 - Section 08 0607 – Door Hardware Schedule
 - Section 08 1100 – Metal Doors and Frames
 - Section 08 4313 – Aluminum Framed Storefront
 - Section 08 7100 – Door Hardware
- Drawings
 - Sheet D1.20 – Demo Roof Plan – Area A
 - Sheet D1.21 - Demo Roof Plan – Area B and C

- Sheet A0.20 – Door and Window Schedule
- Sheet A1.11 – Floor Plan – Area B and C
- Sheet A1.21 – Roof Plan – Area A
- Sheet A1.22 – Roof Plan – Area B and C
- Sheet A1.23 – Roof Plan Overall – Insulation Plan
- Sheet A4.00 – Exterior Elevations
- Sheet A5.00 – Building Sections
- Sheet A5.03 – Demo and New Wall Sections
- Sheet A5.04 - Demo and New Wall Sections
- Sheet A6.11 – Parapet Details
- Sheet A6.14 – Roof Details
- Sheet A8.01 – Window/Door Details
- Sheet S4.10 – Roof Framing Details
- Sheet S4.20 – Roof Framing Details
- Sheet ED2.11 - Demo Rcp - Area B - Electrical
- Sheet E1.10 - Floor Plan - Area A - Electrical
- Sheet E1.30 - RCP - Area A - Electrical
- Sheet E1.31 - RCP - Area B - Electrical
- Sheet P1.13 – Floor Plan Area B Plumbing Above
- Sheet P1.22 - Roof Plan - Area B - Plumbing
- Sheet P7.00 - Schedules
- Sheet T0.00 - General Notes & Symbols
- Sheet T1.10 - Floor Plan - Area B - Technology
- Sheet T1.12 - Floor Plan - Area B - Technology
- Sheet T5.00 - Technology Details

SECTION 00 0101

PROJECT TITLE AND INFORMATION PAGE

1. Project Identification

Owner	Creswell School District 998 A Street, Creswell, OR, 97426
Owner's Contact	Gil Castro
Project Name	CHS Academic Building Improvements Primary Project
Project Site Location	33390 Niblock Lane, Creswell, OR, 97426
Architects' Project Number	25061

2. Project Description

The project is located at Creswell High School (33390 Niblock Lane).

This project is also referred to as the Primary Project, which consists of seismic improvements at the Academic Building and Office, other improvements at the Academic Building, and construction of the shell of the Office expansion and Vestibule.

The TI Project consists of interior development of the Student Center in the Academic Building, and other misc. improvements in the Academic Building, including replacement of interior doors not scheduled for replacement in the Primary Project, interior build-out of the school office area, and reroofing at the 2003 addition. The district will lead the procurement and construction of the TI Project. *The TI Project will include the procurement and installation of all HM and aluminum door frames, HM, wood, and aluminum doors, and associated hardware includes electrified components and cabling. The Primary Project contractor to provide rough openings for the scheduled door locations.*

The replacement of the courtyard canopy will be bid as a separate project (with a separate design team) for construction Summer 2026. The Primary Project General Contractor will be required to coordinate with the Canopy Project construction team.

Generally, the improvements at the Academic Building in the Primary Project include the selective demolition, demolition of existing canopy, foundation at the office and vestibule addition, exterior and interior shear walls, reinforcement of existing roof structure, misc other roof and wall seismic reinforcement, new exterior wall assembly including new siding, installation of new doors, frames, and hardware, modifications to the existing ceiling system, new interior walls, repairs to existing walls, new flooring, modifications to the existing fire sprinkler system, new plumbing at new restrooms, modifications to the existing HVAC system, modifications to the existing electrical system, new lighting, and modifications to the existing technology systems, and earthwork at the office and vestibule addition.

3. Project Consultants

Architect	Wilson Architecture Curt Wilson, AIA curt@wilson-architecture.com
Structural Engineer	ZCS Engineering and Architecture

Contact: Kyle Mullen

MEPT Engineer

KCL Engineering

Contact: Cody Cowdin, PE

4. Procurement Timetable

Bid Documents Available	2/19/2026 at 12:00 noon
Pre-Bid Meeting	2/25/2026 at 2:00 pm at Project Site
Date of Last Addendum	3/12/2026 at 5:00 p.m.
Bid Period Closing	3/17/2026 at 2:00 p.m.
First-Tier Sub. Disclosure Due	3/17/2026 at 4:00 p.m.
Construction Schedule Milestone	See Section 01 1000 – Summary

Note: The Owner and Architect reserve the right to change the schedule or terminate the entire procurement process at their discretion. See Instructions to Bidders and Bid Form for more additional information.

END OF SECTION

AIA® Document A101® – 2017

Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

AGREEMENT made as of the [] day of [] in the year []
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)

Creswell School District 40
998 West A Street
Creswell, OR 97426
541-895-6000

and the Contractor:
(Name, legal status, address and other information)

[]
[]
[]
[]

for the following Project:
(Name, location and detailed description)

Creswell High School Academica Building Improvement (Primary) Project
33390 Niblock Lane
Creswell OR 97426

The Architect:
(Name, legal status, address and other information)

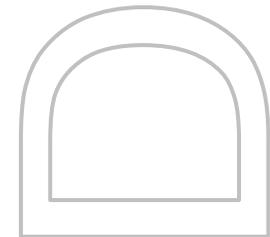
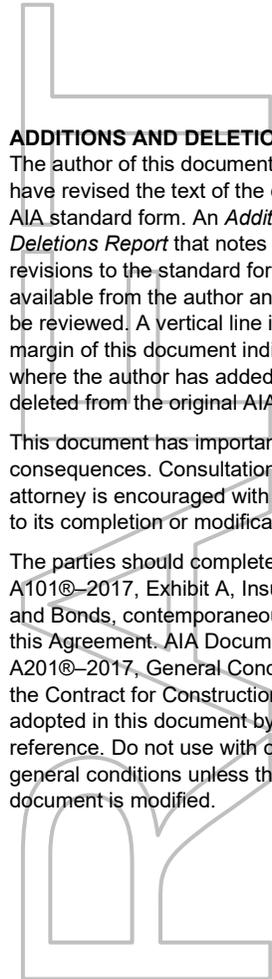
Wilson Architecture Inc.
86530 Sanford Road
Eugene, OR 97402

The Owner and Contractor agree as follows.

ADDITIONS AND DELETIONS:
The author of this document may have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

The parties should complete A101®-2017, Exhibit A, Insurance and Bonds, contemporaneously with this Agreement. AIA Document A201®-2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.



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TABLE OF ARTICLES

- 1 THE CONTRACT DOCUMENTS**
- 2 THE WORK OF THIS CONTRACT**
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION**
- 4 CONTRACT SUM**
- 5 PAYMENTS**
- 6 DISPUTE RESOLUTION**
- 7 TERMINATION OR SUSPENSION**
- 8 MISCELLANEOUS PROVISIONS**
- 9 ENUMERATION OF CONTRACT DOCUMENTS**

EXHIBIT A INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement, and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be:

(Check one of the following boxes.)

The date of this Agreement.

A date set forth in a notice to proceed issued by the Owner.

Established as follows:

(Insert a date or a means to determine the date of commencement of the Work.)

If a date of commencement of the Work is not selected, then the date of commencement shall be the date of this Agreement.

§ 3.2 The Contract Time shall be measured from the date of commencement of the Work.

§ 3.3 Substantial Completion

§ 3.3.1 Subject to adjustments of the Contract Time as provided in the Contract Documents, the Contractor shall achieve

Substantial Completion of the entire Work:
(Check one of the following boxes and complete the necessary information.)

- [] Not later than () calendar days from the date of commencement of the Work.
- [] By the following date:

§ 3.3.2 Subject to adjustments of the Contract Time as provided in the Contract Documents, if portions of the Work are to be completed prior to Substantial Completion of the entire Work, the Contractor shall achieve Substantial Completion of such portions by the following dates:

Portion of Work	Substantial Completion Date
<input type="text"/>	<input type="text"/>

§ 3.3.3 If the Contractor fails to achieve Substantial Completion as provided in this Section 3.3, liquidated damages, if any, shall be assessed as set forth in Section 4.5.

ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor’s performance of the Contract. The Contract Sum shall be (\$), subject to additions and deductions as provided in the Contract Documents.

§ 4.2 Alternates

§ 4.2.1 Alternates, if any, included in the Contract Sum:

Item	Price
<input type="text"/>	<input type="text"/>

§ 4.2.2 Subject to the conditions noted below, the following alternates may be accepted by the Owner following execution of this Agreement. Upon acceptance, the Owner shall issue a Modification to this Agreement.

(Insert below each alternate and the conditions that must be met for the Owner to accept the alternate.)

Item	Price	Conditions for Acceptance
<input type="text"/>	<input type="text"/>	<input type="text"/>

§ 4.3 Allowances, if any, included in the Contract Sum:
(Identify each allowance.)

Item	Price
<input type="text"/>	<input type="text"/>

§ 4.4 Unit prices, if any:

(Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)

Item	Units and Limitations	Price per Unit (\$0.00)
<input type="text"/>	<input type="text"/>	<input type="text"/>

§ 4.5 Liquidated damages, if any:

(Insert terms and conditions for liquidated damages, if any.)

§ 4.6 Other:

(Insert provisions for bonus or other incentives, if any, that might result in a change to the Contract Sum.)

ARTICLE 5 PAYMENTS

§ 5.1 Progress Payments

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the [] day of a month, the Owner shall make payment of the amount certified to the Contractor not later than the [] day of the [] month. If an Application for Payment is received by the Architect after the application date fixed above, payment of the amount certified shall be made by the Owner not later than [] ([]) days after the Architect receives the Application for Payment. *(Federal, state or local laws may require payment within a certain period of time.)*

§ 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form, and supported by such data to substantiate its accuracy, as the Architect may require. This schedule of values shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5.1.6 In accordance with AIA Document A201™–2017, General Conditions of the Contract for Construction, and subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

§ 5.1.6.1 The amount of each progress payment shall first include:

- .1 That portion of the Contract Sum properly allocable to completed Work;
- .2 That portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction, or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing; and
- .3 That portion of Construction Change Directives that the Architect determines, in the Architect's professional judgment, to be reasonably justified.

§ 5.1.6.2 The amount of each progress payment shall then be reduced by:

- .1 The aggregate of any amounts previously paid by the Owner;
- .2 The amount, if any, for Work that remains uncorrected and for which the Architect has previously withheld a Certificate for Payment as provided in Article 9 of AIA Document A201–2017;
- .3 Any amount for which the Contractor does not intend to pay a Subcontractor or material supplier, unless the Work has been performed by others the Contractor intends to pay;
- .4 For Work performed or defects discovered since the last payment application, any amount for which the Architect may withhold payment, or nullify a Certificate of Payment in whole or in part, as provided in Article 9 of AIA Document A201–2017; and
- .5 Retainage withheld pursuant to Section 5.1.7.

§ 5.1.7 Retainage

§ 5.1.7.1 For each progress payment made prior to Substantial Completion of the Work, the Owner may withhold the following amount, as retainage, from the payment otherwise due:

(Insert a percentage or amount to be withheld as retainage from each Application for Payment. The amount of retainage may be limited by governing law.)

§ 5.1.7.1.1 The following items are not subject to retainage:

(Insert any items not subject to the withholding of retainage, such as general conditions, insurance, etc.)

§ 5.1.7.2 Reduction or limitation of retainage, if any, shall be as follows:

(If the retainage established in Section 5.1.7.1 is to be modified prior to Substantial Completion of the entire Work, including modifications for Substantial Completion of portions of the Work as provided in Section 3.3.2, insert provisions for such modifications.)

§ 5.1.7.3 Except as set forth in this Section 5.1.7.3, upon Substantial Completion of the Work, the Contractor may submit an Application for Payment that includes the retainage withheld from prior Applications for Payment pursuant to this Section 5.1.7. The Application for Payment submitted at Substantial Completion shall not include retainage as follows:

(Insert any other conditions for release of retainage upon Substantial Completion.)

§ 5.1.8 If final completion of the Work is materially delayed through no fault of the Contractor, the Owner shall pay the Contractor any additional amounts in accordance with Article 9 of AIA Document A201–2017.

§ 5.1.9 Except with the Owner’s prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 5.2 Final Payment

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

- .1 the Contractor has fully performed the Contract except for the Contractor’s responsibility to correct Work as provided in Article 12 of AIA Document A201–2017, and to satisfy other requirements, if any, which extend beyond final payment; and
- .2 a final Certificate for Payment has been issued by the Architect.

§ 5.2.2 The Owner’s final payment to the Contractor shall be made no later than 30 days after the issuance of the Architect’s final Certificate for Payment, or as follows:

§ 5.3 Interest

Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

(Insert rate of interest agreed upon, if any.)

%

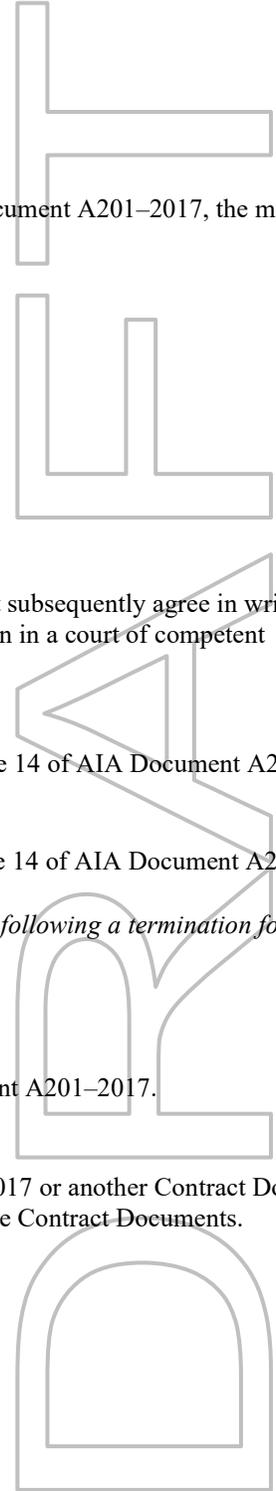
ARTICLE 6 DISPUTE RESOLUTION

§ 6.1 Initial Decision Maker

The Architect will serve as the Initial Decision Maker pursuant to Article 15 of AIA Document A201–2017, unless the parties appoint below another individual, not a party to this Agreement, to serve as the Initial Decision Maker.

(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)

[Redacted]



§ 6.2 Binding Dispute Resolution

For any Claim subject to, but not resolved by, mediation pursuant to Article 15 of AIA Document A201–2017, the method of binding dispute resolution shall be as follows:

(Check the appropriate box.)

[] Arbitration pursuant to Section 15.4 of AIA Document A201–2017

[] Litigation in a court of competent jurisdiction

[] Other (Specify)

[Redacted]

If the Owner and Contractor do not select a method of binding dispute resolution, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.

ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201–2017.

§ 7.1.1 If the Contract is terminated for the Owner’s convenience in accordance with Article 14 of AIA Document A201–2017, then the Owner shall pay the Contractor a termination fee as follows:

(Insert the amount of, or method for determining, the fee, if any, payable to the Contractor following a termination for the Owner’s convenience.)

[Redacted]

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2017.

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2017 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 The Owner’s representative:

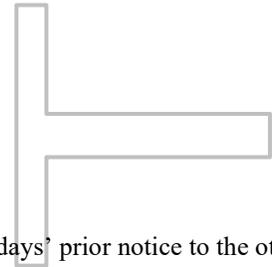
(Name, address, email address, and other information)

Joel Higdon
Director of Technology Services and Facilities
998 West A Street
Creswell, OR 97426
541-895-6000

[Redacted]

§ 8.3 The Contractor’s representative:
(Name, address, email address, and other information)

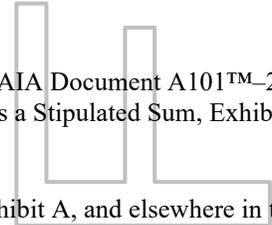
Blank rectangular box for Contractor's representative information.



§ 8.4 Neither the Owner’s nor the Contractor’s representative shall be changed without ten days’ prior notice to the other party.

§ 8.5 Insurance and Bonds

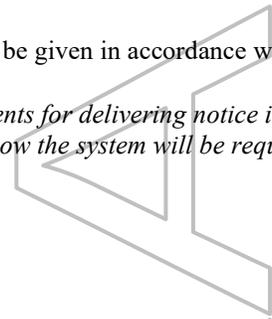
§ 8.5.1 The Owner and the Contractor shall purchase and maintain insurance as set forth in AIA Document A101™–2017, Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum, Exhibit A, Insurance and Bonds, and elsewhere in the Contract Documents.



§ 8.5.2 The Contractor shall provide bonds as set forth in AIA Document A101™–2017 Exhibit A, and elsewhere in the Contract Documents.

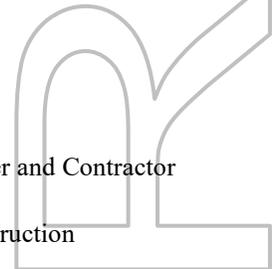
§ 8.6 Notice in electronic format, pursuant to Article 1 of AIA Document A201–2017, may be given in accordance with a building information modeling exhibit, if completed, or as otherwise set forth below:
(If other than in accordance with a building information modeling exhibit, insert requirements for delivering notice in electronic format such as name, title, and email address of the recipient and whether and how the system will be required to generate a read receipt for the transmission.)

Blank rectangular box for electronic notice requirements.



§ 8.7 Other provisions:

Blank rectangular box for other provisions.



ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS

§ 9.1 This Agreement is comprised of the following documents:

- .1 AIA Document A101™–2017, Standard Form of Agreement Between Owner and Contractor
- .2 AIA Document A101™–2017, Exhibit A, Insurance and Bonds
- .3 AIA Document A201™–2017, General Conditions of the Contract for Construction
- .4 Building information modeling exhibit, dated as indicated below:
(Insert the date of the building information modeling exhibit incorporated into this Agreement.)

Blank rectangular box for BIM exhibit date.

.5 Drawings

Number	Title	Date
Blank box		

.6 Specifications

Section	Title	Date	Pages
Blank box			



.7 Addenda, if any:

Number	Date	Pages
<input type="text"/>		

Portions of Addenda relating to bidding or proposal requirements are not part of the Contract Documents unless the bidding or proposal requirements are also enumerated in this Article 9.

.8 Other Exhibits:

(Check all boxes that apply and include appropriate information identifying the exhibit where required.)

AIA Document E204™–2017, Sustainable Projects Exhibit, dated as indicated below:
(Insert the date of the E204-2017 incorporated into this Agreement.)

The Sustainability Plan:

Title	Date	Pages
<input type="text"/>		

Supplementary and other Conditions of the Contract:

Document	Title	Date	Pages
<input type="text"/>			

.9 Other documents, if any, listed below:

(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201™–2017 provides that the advertisement or invitation to bid, Instructions to Bidders, sample forms, the Contractor’s bid or proposal, portions of Addenda relating to bidding or proposal requirements, and other information furnished by the Owner in anticipation of receiving bids or proposals, are not part of the Contract Documents unless enumerated in this Agreement. Any such documents should be listed here only if intended to be part of the Contract Documents.)

This Agreement entered into as of the day and year first written above.

OWNER *(Signature)*

(Printed name and title)

CONTRACTOR *(Signature)*

(Printed name and title)

SECTION 01 1000
SUMMARY

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Project Information
- B. Definitions and declarations
- C. Work by Owner
- D. Contract Date Milestones
- E. Work Limits
- F. Owner Occupancy
- G. Contractor's Use of Site
- H. Products ordered in advance
- I. Delegated Design requirements
- J. Protection of existing elements

1.2 RELATED SECTIONS

- A. Section 01 2000 – Price and Payment Procedures: Pay application process, change procedures
- B. Section 01 3000 – Administrative Requirements: Misc project requirements.
- C. Section 01 5000 – Temporary Facilities and Controls: Dust control and barriers
- D. Section 01 7000 – Execution and Closeout Requirements: Closeout procedures.
- E. Section 01 7419 – Construction Waste Management and Disposal: Waste management requirements
- F. Section 02 4100 – Demolition: Demolition procedures and hazardous material declaration.

1.3 PROJECT INFORMATION

- A. Package: Primary Package
- B. Project Name: CHS Academic Building Improvements
- C. Owner's Name: Creswell School District
- D. Architect's Name: Wilson Architecture
- E. The Project consists of the

1.4 The project is located at Creswell High School, 33390 Niblock Lane, Creswell.

1.5 This project is also referred to as the Primary Project, which consists of seismic improvements at the Academic Building and Office, other improvements at the Academic Building, and construction of the shell of the Office expansion and Vestibule.

- 1.6 The Contractor will be required to submit separate monthly pay application schedules of value for the seismic work and all other work as described in Section 01 2000 – Price and Payment Procedures. For purposes of the pay application schedule of values and bid alternate (see Section 01 2300 – Alternates), the seismic improvements includes:
- A. Demo of existing canopy
 - B. Exterior shear walls, including demolition of existing siding and sheathing system and foundation connections.
 - C. Replacement exterior wall WRB and siding system at exterior shear walls.
 - D. Interior shear walls, including demolition of existing interior finishes and foundation connections. Impacted rooms include:
 - 1. 114 – Restroom
 - 2. 115 – Restroom
 - 3. F104 – Work Room
 - 4. F112 – Principal and adjacent hallway
 - 5. 202 – Classroom
 - 6. 203 – Classroom
 - 7. E204 – Storage
 - 8. 205 – Home Ec
 - 9. 237 - Hall
 - E. Bracing of top of existing walls and ceiling, excluding gyp board and acoustical insulation per Detail 10/A9.00 at Academic Building.
 - F. Demo of existing roof membrane at Academic Building and existing Office.
 - G. Additional reinforcing of roof sheathing at Academic Building and existing Office.
 - H. New single ply roofing at Academic Building and existing Office.
 - I. New rigid roof insulation, including tapered insulation at roof level at Academic Building and existing Office.

The TI Project consists of interior development of the Student Center in the Academic Building, and other misc. improvements in the Academic Building, including replacement of interior doors not scheduled for replacement in the Primary Project, interior build-out of the school office area, and reroofing at the 2003 addition. *The TI Project will include the procurement and installation of all HM and aluminum door frames, HM, wood, and aluminum doors, and associated hardware includes electrified components and cabling. The Primary Project contractor to provide rough openings for the scheduled door locations.*

The replacement of the courtyard canopy will be bid as a separate project (with a separate design team) for construction Summer 2026. The Primary Project General Contractor will be required to coordinate with the Canopy Project construction team.

Generally, the improvements at the Academic Building in the Primary Project include the selective demolition, demolition of existing canopy, foundation at the office and vestibule addition, exterior and interior shear walls, reinforcement of existing roof structure, misc other roof and wall seismic

reinforcement, new exterior wall assembly including new siding, installation of new doors, frames, and hardware, modifications to the existing ceiling system, new interior walls, repairs to existing walls, new flooring, modifications to the existing fire sprinkler system, new plumbing at new restrooms, modifications to the existing HVAC system, modifications to the existing electrical system, new lighting, and modifications to the existing technology systems, and earthwork at the office and vestibule addition.

The CHS Academic Building Improvements are funded by two sources; a capital improvement bond, and Seismic Rehabilitation Grant Program (SRGP) grant administered by the State of Oregon. The work associated with the SRGP grant will require a separate monthly Schedule of Values included with the pay application. See Section 01 2000 – Price and Payment Procedures for additional information.

1.7 ADMINISTRATIVE REQUIREMENTS – See Section 01 3000 – Administrative Requirements

1.8 DEFINITIONS AND DECLARATIONS

1. Provide: Furnish and install, complete with all necessary accessories, ready for intended use. Pay for all related costs.
 2. Approved: Acceptance of item submitted for approval. Not a limitation or release for compliance with the Contract Documents or regulatory requirements. Refer to limitations of 'Approved' in General and Supplementary Conditions.
 3. Match Existing: Match existing as acceptable to the Owner.
- B. Intent: Drawings and specifications are intended to provide the basis for proper completion of the work suitable for the intended use of the Owner. Anything not expressly set forth but which is reasonable implied or necessary for proper performance of the project shall be included.
- C. Writing Style: Specifications are written in the imperative mode. Except where specifically intended otherwise, the subject of all imperative statements is the Contractor. For example, 'Provide tile' means 'Contractor shall provide tile.'

1.9 WORK BY OWNER

- A. Items noted **OFOI** (Owner-Furnished, Owner-Installed) will be supplied and installed by Owner before Substantial Completion.
- B. Work included in the TI Project, including
 1. Removal of building contents, including furniture, classroom AV equipment, casework impacted by work of the Primary Project.
 2. Addressing asbestos containing flooring tile in the Academic Building.
 3. Interior improvements in the student center.
 4. New flooring in the Academic Building.
 5. Obtain doors, door frames, and door hardware, except aluminum storefront system doors.
 6. Reinstallation of existing casework, and new casework except in the following rooms:
 - a. 205 – Home Ec
 - b. 207 – Staff
 - c. 228 - Library

- 7. Replacement of existing interior classroom entrance wood doors and frames.
- 8. Furniture
- 9. Hardware for video surveillance system. Note, see Technology drawings for Primary Project related cabling requirements.
- C. Toilet and Shower Accessories described in Section 10 2800 – Toilet Accessories for items identified as OFOI.
- D. Items noted **OFICI** (Owner-Furnished, Contractor-Installed) will be supplied by the Owner to the Contractor for installation before Substantial Completion. Contractor is responsible coordinated schedule with owner. Some items include:
 - 1. Installation of doors, frames, and hardware as described on door schedule.
- E. Related Projects, Packages, or Contracts
 - 1. See Sheet G3.30 for additional information.
 - 2. CTE Building Foundation and associated site work.
 - 3. CHS Courtyard Canopy Replacement.

1.10 CONTRACT DATE MILESTONES

- A. Primary Project – See Phasing Diagrams for additional information.
 - 1. Notice to Proceed: 4/6/2026
 - 2. Staging and construction prep, and work allowed at Office addition, including demo of adjacent canopy: 4/6/2026
 - 3. Work allowed in Library area: 4/20/2026
 - 4. Demo work of remaining courtyard canopies: 6/17/2026
 - 5. Work allowed in all areas: 6/17/2026
 - 6. Completion of canopy demolition: 7/1/2026
 - 7. Vestibule and Academic Building temporary occupancy: 8/26/2026
 - 8. Substantial Completion: 9/30/2026.
- B. Tenant Improvement Package – See Phasing Diagrams.

1.11 WORK LIMITS

- A. See Drawings G3.30-.34 for project work limits and related information.
- B. Contractor to limit their use of site within the work limits, without prior approval from the Owner.
- C. Access within the existing building hallway system other than 6/17/2026 to 9/1/2026 is not allowed. Contractor to provide access to the construction area through a new opening in the existing west wall of the library prior to 6/17/2026.
- D. The work area of the buildings is described in the drawings; however specific work limits are not delineated. Coordinate extent of use with the Owner at the pre-construction meeting.

1.12 OWNER OCCUPANCY

- A. Owner intends to occupy the Project during the regular school year, including:

1. Through 6/17/2026, and starting again 8/26/2026.
- B. The Owner's staff and students will maintain normal business hours and use the campuses during construction.
- C. Cooperate with Owner to minimize conflict and to facilitate Owner's operations. Schedule the Work to accommodate Owner occupancy.

1.13 CONTRACTOR USE OF SITE AND PREMISES

- A. Except as otherwise stipulated herein, Contractors will have use of the Premises within the boundaries of the work limits for the execution of the Work, except as noted in this Section and where elsewhere noted in the Contract Documents.
- B. The Contractor is expected to establish a "Secured Work Area" is defined as an area having a perimeter cyclone fence at least 6 feet in height, with gates which close and lock so that no casual entrance is possible by unauthorized personnel. When the work area is an unsecured work area, the Contractor shall:
 1. Secure tools and building materials when work area is vacated.
 2. Take down and/or secure ladders and scaffolding when an unsecured work area is vacated.
 3. Open holes and other tripping hazards shall be fenced or barricaded when an unsecured work area is vacated.
 4. Operations resulting in vapors, emissions or flying objects shall be conducted in such a way as to prevent exposure to any unprotected parties or property.

1.14 PRODUCTS ORDERED IN ADVANCE

- A. Products Ordered in Advance: None

1.15 DELEGATED DESIGN REQUIREMENTS

- A. Certain components of the Work under this project are Delegated Design. It is the Contractor's responsibility to coordinate and assume or assign to subcontractors the complete responsibilities for the design, calculation, submittals, fabrication, transportation and installation of the Delegated Design portions or components as required. Delegated Design components of the Work are defined as complete operational systems, provided for their intended use.
- B. Submit deferred submittals for delegated design elements to the governing agency for the separate approval of each Delegated Design item.
- C. Owner shall not be responsible to pay for any delays, additional products, additional hours of work or overtime, restocking or rework required due to failure by the Contractor or the subcontractor to coordinate their work with the work of the other trades on the project or to provide the Delegated Design portion or component in a timely manner to meet the schedule of the project.
- D. Where required by requirements of individual Sections within the Contract Documents, but the Agency Having Jurisdiction, or by state law, provide design, drawings, and/or calculation prepared by a professional engineer licensed in the state where the Project is located. The engineer's work product to be include their stamp as required by state law.
- E. Delegated Design components include, but are not limited to the following:

1. Seismic Anchorage for Suspended Acoustical Ceilings, Section 09 5100 – Acoustical Ceilings.
2. Seismic Anchorage Divisions 21, 23, 26, 27 and 28 equipment, hoods, panels and other components of mechanical, plumbing, gas and electrical systems.
3. Fire Alarm System, Division 28.
4. Additional requirements from specific sections.

1.16 PROTECTING EXISTING ELEMENTS

A. Utilities

1. Site survey Drawings indicate approximate location of any known, concealed Utility Lines, including but not limited to ducts, pipes, cables, and wires. Before starting work, Contractor shall determine exact location of any of these Lines that could be damaged by contract work.
2. Contractor shall assume that other unknown Utility Lines do exist, and Contractor shall proceed with caution when working in areas that could conceal unknown Utilities.
3. If such Utility Lines are encountered, immediately request disposition instructions from Architect.

B. Landscaping & Trees

1. Protect existing trees, not designated for removal, against damage caused by work of this contract.
2. Provide necessary fencing and barricades. Erect prior to Work, and unless otherwise instructed, remove after Work completion. For any work around trees in the Right of Way (ROW), obtain approval from the Authority Having Jurisdiction (AHJ).
3. Repair or replace with plants of equal size, any material damaged by Construction Operations.

C. Subgrade

1. Contractor shall protect against damage, existing subgrade and earthwork provided under this Contract. Where necessary to accomplish required protection, provide additional temporary fill or other approved cover over Work to be protected.

D. Structures

1. Contractor shall protect against damage, existing building parts not scheduled for repair or remodel under this contract.
2. Where necessary to accomplish required protection, provide additional Temporary barricades, cushioning, or other approved Cover over material to be protected.

PART 2 PRODUCTS – Not Used

PART 3 EXECUTION – Not Used

END OF SECTION

SECTION 08 0607

DOOR HARDWARE SCHEDULE

The TI Project will include the procurement and installation of all HM and aluminum door frames, HM, wood, and aluminum doors, and associated hardware includes electrified components and cabling. The Primary Project contractor to provide rough openings for the scheduled door locations.

SECTION 08 4313
ALUMINUM-FRAMED STOREFRONTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Aluminum-framed storefront

1.2 RELATED REQUIREMENTS

- A. Section 01 2000 – Price and Payment Procedures: Pay application process, change procedures.
- B. Section 01 3000 – Administrative Requirements: Submittal review procedures.
- C. Section 01 6000 – Product Requirements: Substitution request procedures.
- D. Section 01 7000 – Execution and Closeout Requirements: Closeout procedures.
- E. Section 07 9200 - Joint Sealant: Perimeter sealant and back-up materials.
- F. Section 08 0607 – Door Hardware Schedule: Hardware components per door location.
- G. Section 08 7100 - Door Hardware: Hardware items other than specified in this section.
- H. Section 08 8000 - Glazing: Glass and glazing accessories.
- I. *Tenant Improvement Project: Aluminum Storefront doors and hardware.*

1.3 REFERENCE STANDARDS

- A. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; American Architectural Manufacturers Association; 2012.
- B. AAMA 501.2 - Field Check of Metal Storefronts, Curtain Walls, and Sloped Glazing Systems for Water Leakage; American Architectural Manufacturers Association; 2009 (part of AAMA 501).
- C. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum; American Architectural Manufacturers Association; 2012.
- D. AAMA 1503 - Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections; American Architectural Manufacturers Association; 2009.
- E. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; American Society of Civil Engineers; 2011.
- F. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2014.
- G. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2013.
- H. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric]; 2013.
- I. ASTM E283 - Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen; 2004 (Reapproved 2012).

- J. ASTM E330/E330M - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2014.
- K. ASTM E331 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference; 2000 (Reapproved 2009).
- L. OSSC - Oregon Structural Specialty Code, latest edition.

1.4 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data
 - 1. Submit manufacturer's product data and installation instructions.
 - 2. Provide component dimensions, describe components within assembly, anchorage and fasteners, glass and infill, internal drainage details and hardware provided under work of this section.
- C. Hardware Schedule
 - 1. Complete itemization of each item of hardware to be provided for each storefront system door provided by the storefront system provider, cross-referenced to door identification numbers in Contract Documents.
- D. Shop Drawings
 - 1. Indicate system dimensions, framed opening requirements and tolerances, affected related Work, expansion and contraction joint location and details, and field welding required.
- E. Samples
 - 1. Purpose: Selection of color and finishes.
 - 2. Quantity: (2)
 - 3. Size: 2 in. by 4 in.
- F. Warranty
 - 1. Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.5 QUALITY ASSURANCE

- A. Qualifications
 - 1. Installer Qualifications: Company specializing in performing the work of this section with minimum 3 years of experience.
 - 2. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
- B. Mock-ups
 - 1. Integrated Exterior Mock-Ups: Construct integrated exterior mock-up indicated as specified in Section 01 4000 - Quality Requirements.

- C. Pre-Installation Meetings
 - 1. Convene one week before starting work of this section.
 - 2. Require attendance by all affected installers, and owner, architect, and general contractor.
 - 3. Review installation instructions, position of window frames, flashing, and installation tolerances.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Acceptance at Site
 - 1. Deliver materials in original packages, containers or bundles bearing brand name and identification of manufacturer or supplier.
- B. Storage
 - 1. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic and other causes.
 - 2. Handle products of this section in accordance with AAMA CW-10.
 - 3. Protect finished aluminum surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond to aluminum when exposed to sunlight or weather

1.7 PROJECT/SITE CONDITIONS

- A. Do not install sealants when ambient temperature is less than 40 degrees F. Maintain this minimum temperature during and 48 hours after installation.

1.8 WARRANTY

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Provide five year manufacturer warranty against failure of glass seal on insulating glass units, including interpane dusting or misting. Include provision for replacement of failed units.
- C. Provide five year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking.

PART 2 PRODUCTS

2.1 PRODUCT GENERAL REQUIREMENTS – STOREFRONT SYSTEM AND DOORS

- A. Product and Manufacturer – Basis of Design
 - 1. At exterior and vestibule locations
 - a. “Trifab VG 451T” by Kawneer.
 - 2. At interior locations
 - a. “Trifab VG 450” by Kawneer.
 - 3. Other Acceptable Products and Manufacturers
 - a. EFCO Corporation

b. Substitutions: See Section 01 6000 – Product Requirements.

B. Performance Requirements:

1. Wind Loads: Design and size components and system attachment methods to withstand the specified load requirements without damage or permanent set, when tested in accordance with ASTM E330, using loads 1.5 times the design wind loads and 10 second duration of maximum load.
 - a. Design Wind Loads: Comply with requirements of ASCE 7, basic wind speed of 95 mph.
 - b. Member Deflection: Limit member deflection to flexure limit of glass in any direction, with full recovery of glazing materials.
2. Water Penetration Resistance: No uncontrolled water on interior face, when tested in accordance with ASTM E331 at pressure differential of 8.00 lbf/sq ft as defined in AAMA 501.
3. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.
4. Expansion/Contraction: Provide for expansion and contraction within system components caused by cycling temperature range of 170 degrees F over a 12 hour period without causing detrimental effect to system components, anchorages, and other building elements.
5. Movement: Allow for movement between storefront and adjacent construction, without damage to components or deterioration of seals.
6. Perimeter Clearance: Minimize space between framing members and adjacent construction while allowing expected movement.

2.2 STOREFRONT FRAMING SYSTEM

A. Dimensions

1. Typical Section: 450: 1-3/4 in. by 4-1/2 in.
2. Typical Section: 451T: 2 in. by 4-1/2 in.

B. Description

1. Factory fabricated, factory finished aluminum framing members with infill, and related flashings, anchorage and attachment devices.
2. Drainage holes and internal weep drainage system.
3. Thermally broken.
 - a. 1/4 in. min separation.
 - b. Thermal break shall be designed in accordance with AAMA TIR-A8 and tested in accordance with AAMA 505.
 - c. Extent: 451UT.
4. Non-thermal.
 - a. Extent: 450.

C. Glazing Support

1. Exterior Glazing Position: Centered.
2. Interior Glazing Rabbet to accommodate single pane non-insulating unit.

D. Materials

1. Aluminum Extrusions
 - a. Alloy and temper recommended by aluminum storefront manufacturer for strength, corrosion resistance, and application of required finish
 - b. Wall thickness: 0.070 in. min.
 - c. Complying with ASTM B221: 6063-T6 alloy and temper
2. Fasteners
 - a. Aluminum, nonmagnetic stainless steel or other materials must be non-corrosive and compatible with aluminum members, trim hardware, anchors, and other components.
3. Structural Steel Sections
 - a. ASTM A36/A36M; shop primed.
4. Deflection head channels
 - a. Aluminum, manufacturer's standard for locations detailed.

2.3 DOORS

A. *Note: The door, frames, and associated hardware will be provided by the TI Project. The following information is provided for reference only.*

B. Product – Basis of Design

1. “500 Wide Stile Entrance” by Kawneer.
 - a. 500 at interior locations, including inner vestibule.
 - b. 500T at exterior and outer vestibule locations

C. Description

1. Swing Doors: Glazed aluminum.

D. Dimensions

1. Thickness: 1-3/4 inches.
2. Top Rail: 5 inches wide.
3. Vertical Stiles: 5 inches wide.
4. Bottom Rail: 10 inches wide.

E. Glazing Stops: Square.

F. Finish: Same as storefront.

2.4 ACCESSORIES

A. Sills

1. Aluminum, manufacturer's standard for locations detailed.
- B. Exposed Flashings
 1. Aluminum sheet, 20 gage, 0.032 inch minimum thickness.
 2. Finish to match framing members.
- C. Concealed Flashings
 1. 0.018 inch thick galvanized steel.
- D. Glass and glazing accessories
 1. As specified in Section 08 8000.
- E. Glazing Gaskets
 1. Type to suit application to achieve weather, moisture, and air infiltration requirements
- F. Glazing Stops
 1. Flush.

2.5 HARDWARE

- A. Door Hardware: As specified in Section 08 7100, except as included below.
- B. For each door, include weatherstripping, sill sweep strip, kick plates and threshold.
 1. Threshold: Extruded aluminum, one piece per door opening, ribbed surface; provide on all doors.
 2. Weatherstripping: Wool pile, continuous and replaceable; provide on all doors.
 3. Synthetic sheet matching door finish. Kawneer Kydex Wear Shield or approved.
 4. Sill Sweep Strips: Resilient seal type, retracting, of neoprene; provide on all doors.

2.6 ALUMINUM FINISHES

- A. Finish designations that are prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.
- B. Apply factory finish to all surfaces that will be exposed in completed assemblies.
 1. Touch-up surfaces cut during fabrication so that no natural aluminum is visible in completed assemblies, including joint edges.
- C. Factory Finishing: (Format option 1)
 1. Class I Natural Anodized Finish
 - a. AAMA 611 AA-M12C22A41 Clear anodic coating min. 0.7 mils thick.
 2. Class I Color Anodized Finish
 - a. AAMA 611 AA-M12C22A42 Integrally colored anodic coating min. 0.7 mils thick.
 3. Manufacturer
 - a. Finishes listed below by Kawneer.
 - b. Substitutions: See Section 01 6000 – Product Requirements.

2.7 FABRICATION

A. General

1. Profiles that are sharp, straight, and free of defects or deformations.
2. Accurately fitted joints that are flush, hairline, and weatherproof.
3. Means to drain water passing joints, condensation within framing members, and moisture migrating within the system to exterior.
4. Physical and thermal isolation of glazing from framing members.
5. Accommodations for thermal and mechanical movements of glazing and framing that maintain required glazing edge clearances.
6. Reinforce components internally for door hardware .
7. Reinforce framing members for imposed loads.
8. Provisions for field replacement of glazing.
9. Fasteners, anchors, and connection devices that are concealed from view to the greatest extent possible.
10. Preparation for Window Treatments: Provide reinforced interior horizontal headrail.
11. After fabrication, clearly mark components to identify their locations in project according to shop drawings.

B. Mechanically Glazed Framing Members:

1. Fabricate for flush glazing without projecting stops.

C. Storefront Framing:

1. Fabricate components for assembly using manufacturer's standard installation instructions.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify dimensions, tolerances, and method of attachment with other work.
- B. Verify that wall openings and adjoining air and vapor seal materials are ready to receive work of this section.

3.2 INSTALLATION

- A. Install wall system in accordance with manufacturer's instructions.
- B. Attach to structure to permit sufficient adjustment to accommodate construction tolerances and other irregularities. Provide alignment attachments and shims to permanently fasten system to building structure.
- C. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.
- D. Provide thermal isolation where components penetrate or disrupt building insulation.
- E. Install sill flashings. Turn up ends and edges; seal to adjacent work to form water tight dam.

- F. Where fasteners penetrate sill flashings, make watertight by seating and sealing fastener heads to sill flashing.
- G. Coordinate attachment and seal of perimeter air and vapor barrier materials.
- H. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
- I. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.
- J. Set thresholds in bed of sealant and secure.
- K. Install glass and infill panels in accordance with Section 08 8000, using glazing method required to achieve performance criteria.
- L. Touch-up minor damage to factory applied finish; replace components that cannot be satisfactorily repaired.

3.3 FIELD QUALITY CONTROL

- A. Tolerances
 - 1. Maximum Variation from Plumb: 0.06 inches every 3 ft non-cumulative or 1/16 in. per 10 ft, whichever is less.
 - 2. Maximum Misalignment of Two Adjoining Members Abutting in Plane: 1/32 in.
- B. Adjusting
 - 1. Adjust door for smooth operation.
- C. Site Tests, Inspections
 - 1. Test installed storefront for water leakage in accordance with AAMA 501.2.

3.4 CLEANING

- A. Remove protective material from pre-finished aluminum surfaces.
- B. Wash down surfaces with a solution of mild detergent in warm water, applied with soft, clean wiping cloths. Take care to remove dirt from corners. Wipe surfaces clean.
- C. Remove excess sealant by method acceptable to sealant manufacturer.

3.5 PROTECTION

- A. Protect installed products from damage during subsequent construction.

END OF SECTION



ZCS

524 Main Street, Suite 2
Oregon City, OR 97045
503.659.2205

KCL
ENGINEERING

CRESWELL HIGH SCHOOL
33390 NIBLOCK LN
CRESWELL, OR 97426

CRESWELL HS
ACADEMIC
BUILDING
IMPROVEMENT
PROJECT



DEMO ROOF GENERAL NOTES

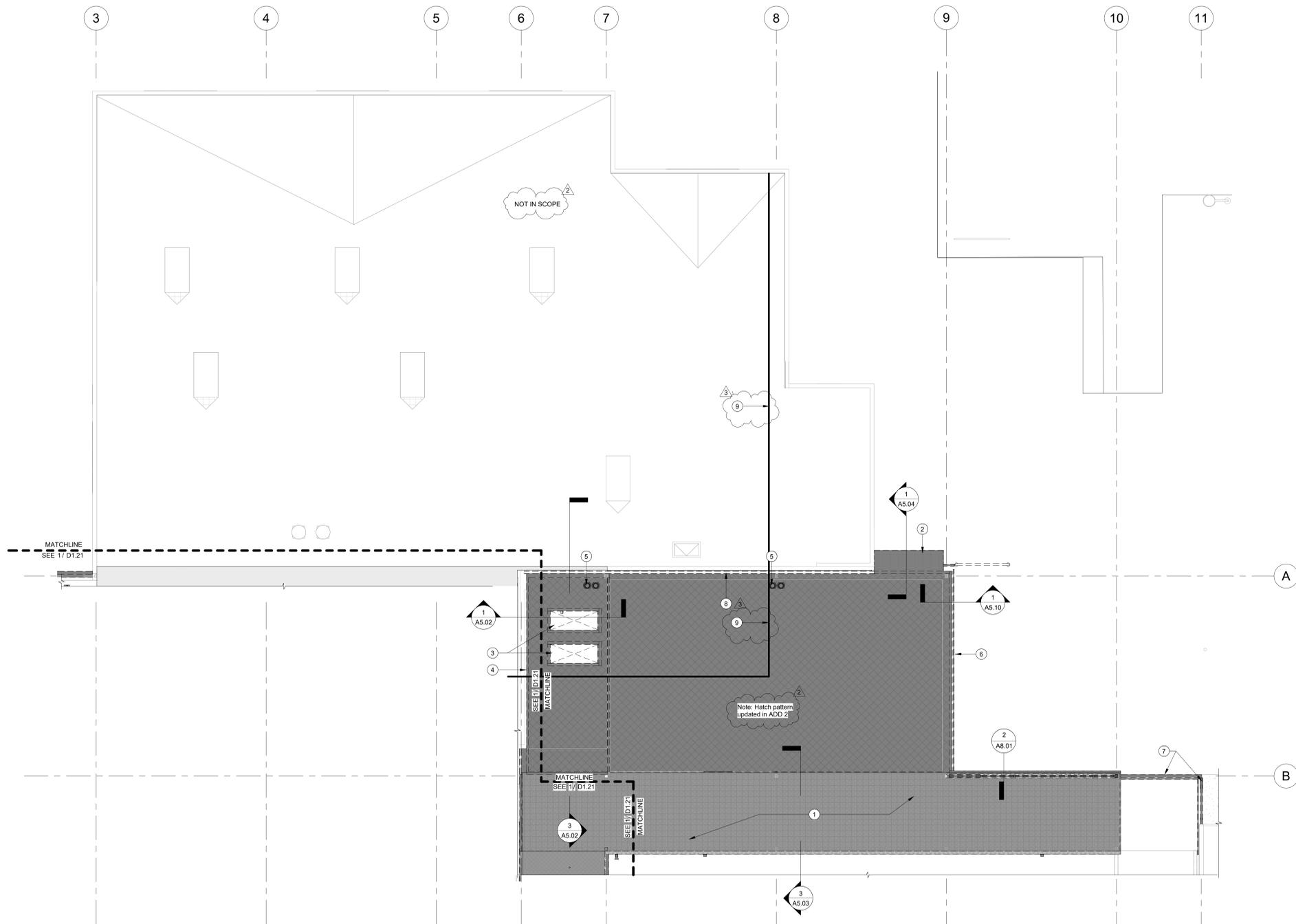
- A. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF ALL TEMPORARY ROOF ACCESS SYSTEMS. ALL SYSTEMS MUST COMPLY WITH OSHA.
- B. COORDINATE STAGING AND MATERIALS STORAGE AREA WITH OWNER.
- C. THE PROPER DISPOSAL OF ALL DEMOLITION MATERIALS AND DEBRIS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE EFFORTS TO RECYCLE AS MUCH DEMOLITION MATERIALS AS POSSIBLE.
- D. ROOF REPLACEMENT SHALL BE APPROPRIATELY STAGED IN SEQUENCE TO PREVENT THE INTRUSION OF MOISTURE INTO ANY PORTION OF THE BUILDING.
- E. NO PORTION OF THE ROOF SHALL BE LEFT UNPROTECTED AGAINST THE ELEMENTS BETWEEN CONTRACTOR SHIFTS.
- F. CONTRACTORS SHOW IMMEDIATELY NOTIFY THE PROJECT TEAM UPON THE DISCOVERY OF ANY WATER INTRUSION RELATED DAMAGE UNDER THE EXISTING ROOF SYSTEM.
- G. EXISTING ELEMENTS SHOWN ON PLANS IS BASED ON AS-BUILT DRAWINGS AND NON-DESTRUCTIVE SITE OBSERVATION. FIELD VERIFY LOCATIONS, QUANTITIES AND CONFIGURATIONS OF EXISTING ELEMENTS. NOTIFY PROJECT TEAM IF EXISTING CONDITIONS ARE MATERIALLY DIFFERENT THAN WHAT IS SHOWN ON FLOOR PLANS. MARK MATERIAL DIFFERENCES DISCOVERED ON CONTRACTOR RED-LINED AS BUILTS.

DEMO ROOF PLAN LEGEND

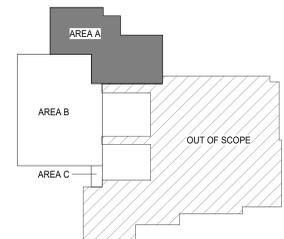
- (E) ROOFING TO BE DEMOLISHED SEE ROOF ASSEMBLIES FOR MORE INFORMATION
- ELEMENT TO BE DEMOLISHED
- INDICATES ROOF STEP
- DOWNSPOUT
- ROOF SLOPE
- (E) 1-HR RATED ASSEMBLY
- (E) 2-HR RATED ASSEMBLY

DEMO ROOF PLAN KEYNOTES

1. DEMO CANOPY.
2. DEMOLISH ENTRY CANOPY, COORDINATE WITH TENANT ON REROUTE OF (E) ELECTRICAL CONDUITS.
3. DEMOLISH (E) SKYLIGHTS.
4. DEMOLISH PARAPET AROUND SKYLIGHT
5. DEMOLISH ROOF DRAIN, TYP.
6. COORDINATE WITH THIRD PARTY ELECTRICAL CONTRACTOR THRU TENANT ON REROUTE OF (E) ELECTRICAL CONDUITS PER ELECTRICAL.
7. STRUCTURE TO REMAIN IN PLACE UNTIL CONDUIT REROUTING COMPLETE, CONFIRM WITH THIRD PARTY ELECTRICAL CONTRACTOR THRU TENANT.
8. DEMOLISH (E) SEISMIC EXPANSION JOINT COVER, PREP FOR PARAPET EXTENSION AND NEW EXPANSION JOINT COVER.
9. (E) CONDUIT TO REMAIN, PROTECT DURING DEMO.



KEY PLAN



1 DEMO ROOF PLAN - AREA A
D1.20 1/8" = 1'-0"

2	ADD 2	26.03.03
3	ADD 3	26.03.11

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	JG AJM
CHECKED:	CW WA
DATE:	02-18-2026

DEMO ROOF PLAN - AREA A

D1.20

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DEMO ROOF GENERAL NOTES

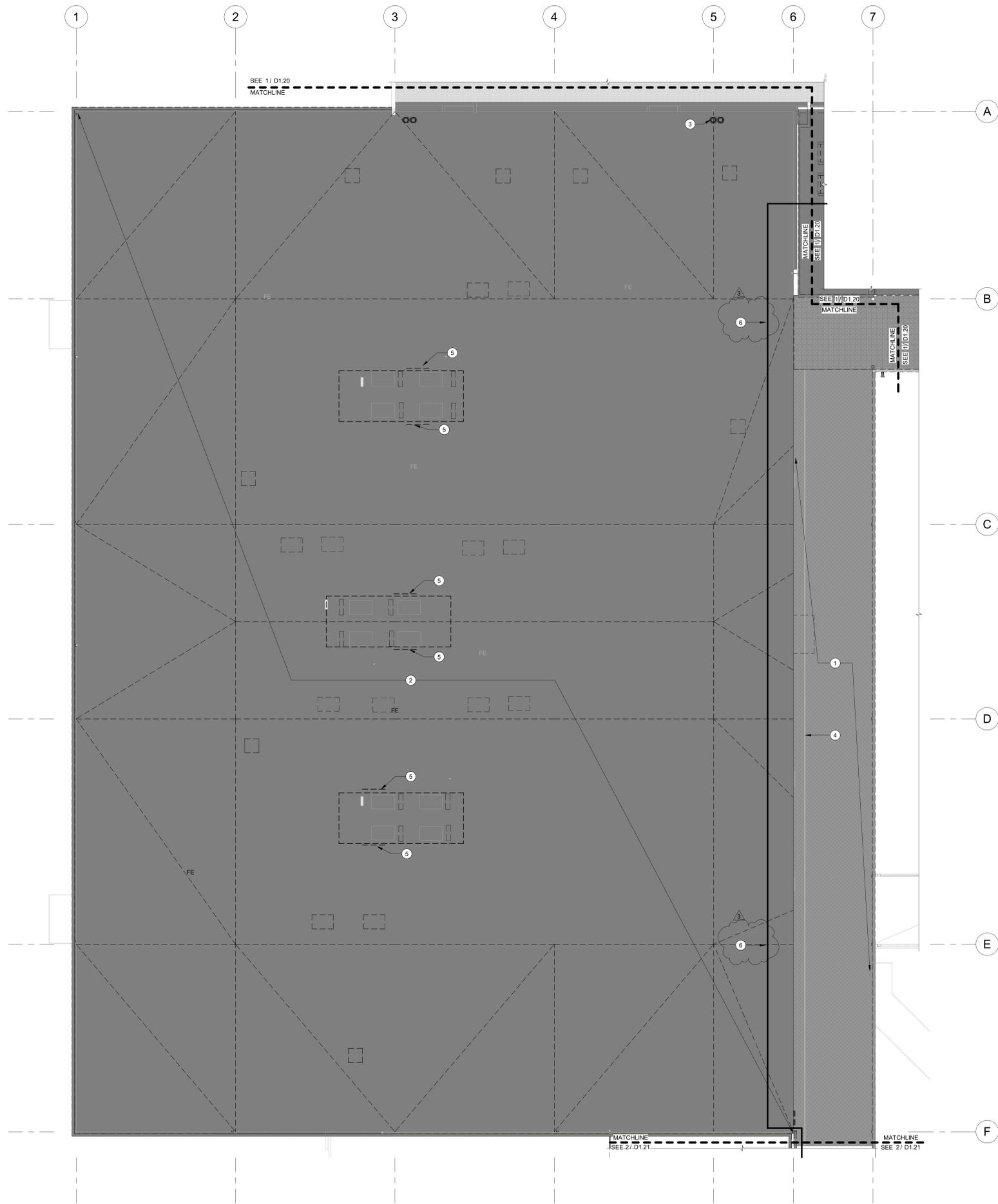
- A. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF ALL TEMPORARY ROOF ACCESS SYSTEMS. ALL SYSTEMS MUST COMPLY WITH OSHA.
- B. COORDINATE STAGING AND MATERIALS STORAGE AREA WITH OWNER.
- C. THE PROPER DISPOSAL OF ALL DEMOLITION MATERIALS AND DEBRIS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE EFFORTS TO RECYCLE AS MUCH DEMOLITION MATERIALS AS POSSIBLE.
- D. ROOF REPLACEMENT SHALL BE APPROPRIATELY STAGED IN SEQUENCE TO PREVENT THE INTRUSION OF MOISTURE INTO ANY PORTION OF THE BUILDING.
- E. NO PORTION OF THE ROOF SHALL BE LEFT UNPROTECTED AGAINST THE ELEMENTS BETWEEN CONTRACTOR SHIFTS.
- F. CONTRACTORS SHOW IMMEDIATELY NOTIFY THE PROJECT TEAM UPON THE DISCOVERY OF ANY WATER INTRUSION RELATED DAMAGE UNDER THE EXISTING ROOF SYSTEM.
- G. EXISTING ELEMENTS SHOWN ON PLANS IS BASED ON AS-BUILT DRAWINGS AND NON-DESTRUCTIVE SITE OBSERVATION. FIELD VERIFY LOCATIONS, QUANTITIES AND CONFIGURATIONS OF EXISTING ELEMENTS. NOTIFY PROJECT TEAM IF EXISTING CONDITIONS ARE MATERIALLY DIFFERENT THAN WHAT IS SHOWN ON FLOOR PLANS. MARK MATERIAL DIFFERENCES DISCOVERED ON CONTRACTOR RED-LINED AS BUILTS.

DEMO ROOF PLAN LEGEND

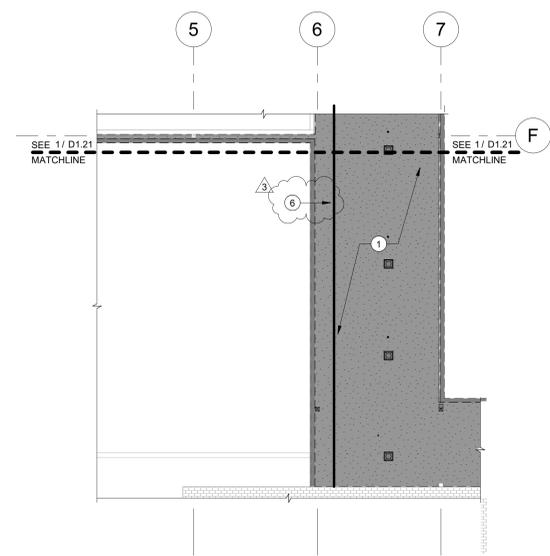
- (E) ROOFING TO BE DEMOLISHED SEE ROOF ASSEMBLIES FOR MORE INFORMATION
- ELEMENT TO BE DEMOLISHED
- INDICATES ROOF STEP
- DOWNSPOUT
- ROOF SLOPE
- (E) 1-HR RATED ASSEMBLY
- (E) 2-HR RATED ASSEMBLY

DEMO ROOF PLAN KEYNOTES

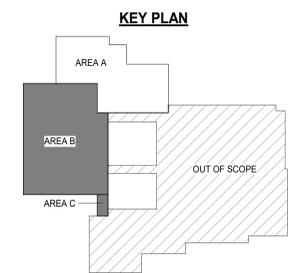
1. DEMOLISH CANOPY, REFER TO CANOPY REPLACEMENT DRAWINGS FOR EXTENT OF DEMO.
2. DEMOLISH (E) ROOFING MEMBRANE SEE ROOF ASSEMBLY FOR MORE INFORMATION.
3. DEMO ROOF DRAIN. TYP.
4. (E) GAS LINE TO REMAIN
5. REMOVE 3" METAL PANELING FOR MECHANICAL COIL ACCESS SAVE FOR REINSTALLATION TYP.
6. (E) CONDUIT TO REMAIN, PROTECT DURING DEMO.



1 DEMO ROOF PLAN - AREA B
D1.21 1/8" = 1'-0"



2 DEMO ROOF PLAN - AREA C
D1.21 1/8" = 1'-0"



3 ADD 3 26.03.11

REVISION	DATE:
PROJECT NO. P-2999-25	
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CHECKED: CW WA	
DATE: 02-18-2026	

DEMO ROOF PLAN - AREA B & C

D1.21

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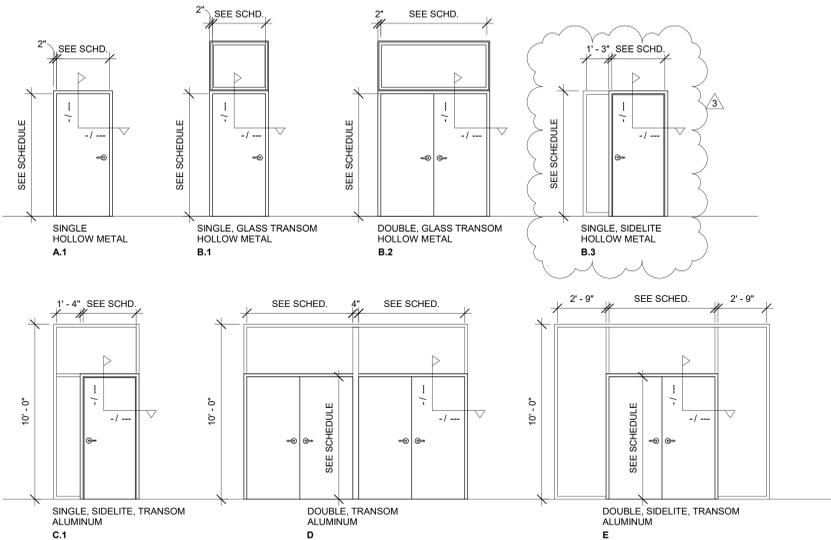
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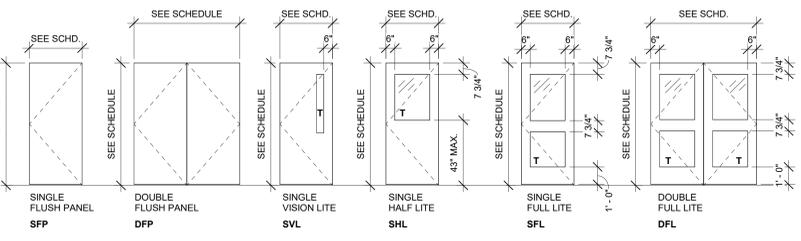
DOOR SCHEDULE - ACADEMIC BUILDING

NOTE: THIS SCHEDULE INCLUDES NEW DOORS OR MODIFIED EXISTING DOORS IN PRIMARY PROJECT. DOORS SHOWN ON SHEETS A1.10 OR A1.11 THAT ARE NOT INCLUDED HERE ARE EITHER EXISTING DOORS WITHOUT MODIFICATION, OR DOORS PROVIDED OR MODIFIED IN THE TI PROJECT.

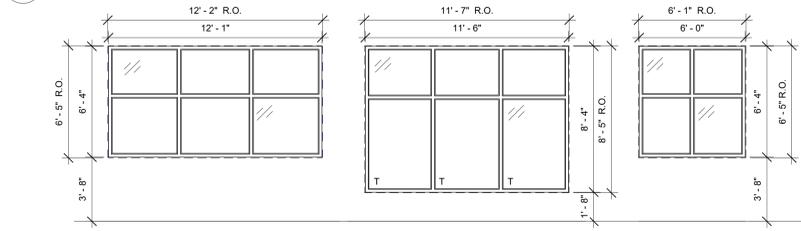
MARK	IDENTIFICATION		PERFORMANCE			CHARACTERISTICS								HARDWARE GROUP	STATUS	MARK			
	RM #	ROOM NAME	FIRE RATING (minute)	DOOR	FRAME	NOM. DIMENSIONS		DOOR		FRAME		MARK							
						SOUND	THERMAL	WIDTH	HEIGHT	TYPE	MATERIAL		FINISH	TYPE	MATERIAL	FINISH			
101.1	101	VESTIBULE				NO	YES	6'-0"	7'-0"	DFL	ALUM	FAC	A.1	ALUM	FAC	A1	(1)		101.1
101.2	101	VESTIBULE				NO	YES	6'-0"	7'-0"	DFL	ALUM	FAC	A.1	ALUM	FAC	A	(1)		101.2
101.3	101	VESTIBULE				NO	YES	6'-0"	7'-0"	DFL	ALUM	FAC	A.1	ALUM	FAC	A2	(1)		101.3
101.4	101	VESTIBULE				NO	YES	6'-0"	7'-0"	DFL	ALUM	FAC	A.1	ALUM	FAC	A	(1)		101.4
101.5	101	COURT				NO	YES	6'-0"	7'-0"	DFL	ALUM	FAC	A.1	ALUM	FAC	A3	(1)		101.5
102.1	102	LOBBY				NO	YES	6'-0"	7'-0"	DFL	HM	PAINT	A.1	HM	PAINT	B	(1)		102.1
102.2	102	LOBBY				NO	YES	3'-1"	7'-0 1/4"	SFL	HM	PAINT	B.1	HM	PAINT	C	(1)		102.2
102.3	102	LOBBY				NO	YES	3'-1"	7'-0 1/4"	SFL	HM	PAINT	B.1	HM	PAINT	C	(1)		102.3
102.4	102	LOBBY				NO	YES	3'-1"	7'-0 1/4"	SFL	HM	PAINT	B.1	HM	PAINT	C1	(1)		102.4
112.2	112	HALL				NO	NO	3'-0"	7'-0"	SFP	HM	PAINT	A.1	HM	PAINT	G	(1)		112.2
201.1	201	CLASSROOM				NO	YES	3'-0"	7'-0"	SVL	HM	PAINT	B.1	HM	PAINT	E	(1)		201.1
204.1	204	STAFF RR				YES	NO	3'-0"	7'-0"	SFP	WOOD	FAC	A.1	HM	PAINT	F	(1)		204.1
206.1	206	STAFF RR				YES	NO	3'-0"	7'-0"	SFP	WOOD	FAC	A.1	HM	PAINT	F	(1)		206.1
207.1	207	STAFF ROOM				YES	NO	3'-0"	6'-9 1/2"	SFL	WOOD	FAC	B.3	HM	PAINT	I	(1)		207.1
207.2	207	STAFF ROOM				YES	NO	3'-0"	7'-0"	SFP	WOOD	FAC	A.1	HM	PAINT	I	(1)		207.2
208.1	208	CLASSROOM				YES	NO	3'-0"	7'-0"	SFP	WOOD	FAC	A.1	HM	PAINT	H	(1)		208.1
211.1	211	MDF				YES	NO	3'-0"	7'-0"	SFP	WOOD	FAC	A.1	HM	PAINT	K	(1)		211.1
212.1	212	BUSINESS				NO	YES	3'-1"	7'-0"	SFL	ALUM	FAC	C.1	ALUM	FAC	E1	(1)		212.1
213.1	213	IT OFFICE				YES	NO	3'-0"	7'-0"	SFP	WOOD	FAC	A.1	HM	PAINT	J	(1)		213.1
216.1	216	CLASSROOM				NO	YES	3'-0"	7'-0"	SVL	HM	PAINT	B.1	HM	PAINT	E	(1)		216.1
219.1	219	UTILITY				NO	NO	3'-0"	7'-0"	SFP	HM	PAINT	A.1	HM	PAINT	L	(1)		219.1
222.1	222	ELECTRICAL				NO	NO	3'-0"	7'-0"	SFP	HM	PAINT	A.1	HM	PAINT	N	(1)		222.1
224.1	224	LIFE SKILLS				YES	NO	3'-6"	7'-0"	31	WOOD	FAC	A.1	HM	PAINT	H1	(1)		224.1
228.1	228	LIBRARY				YES	NO	3'-0"	7'-0"	SFL	ALUM	FAC	C.1	ALUM	FAC	M	(1)		228.1
229.1	229	RR				YES	NO	3'-0"	7'-0"	SFP	WOOD	FAC	A.1	HM	PAINT	F	(1)		229.1
235.1	235	SOUTH HALL				NO	YES	6'-0"	7'-0"	DFL	HM	PAINT	B.1	HM	PAINT	D	(1)		235.1
235.2	235	SOUTH HALL				NO	YES	6'-0"	7'-0"	DFL	HM	PAINT	B.1	HM	PAINT	D	(1)		235.2
237.1	237	NORTH HALL				NO	YES	6'-0"	7'-0"	DFL	HM	PAINT	B.1	HM	PAINT	D	(1)		237.1
237.2	237	NORTH HALL				NO	YES	6'-0"	7'-0"	DFL	HM	PAINT	B.1	HM	PAINT	D1	(1)		237.2



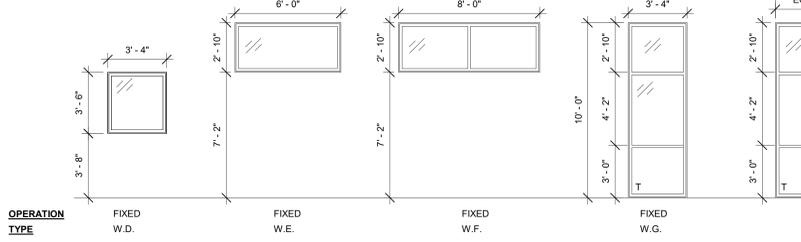
FRAME - TYPES
1/4" = 1'-0"



DOOR - TYPES
1/4" = 1'-0"



WINDOW - TYPES
1/4" = 1'-0"



WINDOW NOTES:

1. ALL EXTERIOR WINDOWS SHALL BE INSULATED GLAZING UNITS (IGUs)
2. ALL WINDOWS SHALL BE CLEAR GLAZING UNITS
3. INNER PANE OF GLASS TO BE LOW-E
4. ALL WINDOWS SHALL COMPLY WITH ASTM E 774
5. G.C. TO PROVIDE SAFETY GLAZING AS INDICATED ON PLANS

KEYNOTES - DOOR SCHEDULES

1. THE TI PROJECT WILL INCLUDE THE PROCUREMENT AND INSTALLATION OF ALL HM AND ALUMINUM DOOR FRAMES, HM, WOOD, AND ALUMINUM DOORS, AND ASSOCIATED HARDWARE INCLUDES ELECTRIFIED COMPONENTS AND CABLING. THE PRIMARY PROJECT CONTRACTOR TO PROVIDE ROUGH OPENINGS FOR THE SCHEDULED DOOR LOCATIONS. (THIS SCHEDULE PROVIDED FOR REFERENCE.)

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3 ADD 3 26.03.11

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DOOR AND WINDOW SCHEDULE

A0.20

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FLOOR PLAN GENERAL NOTES

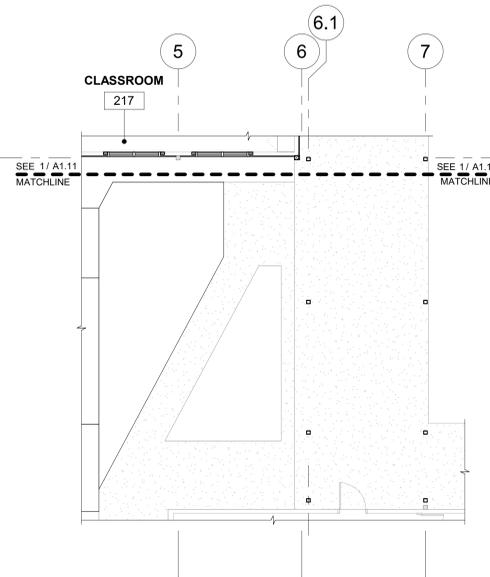
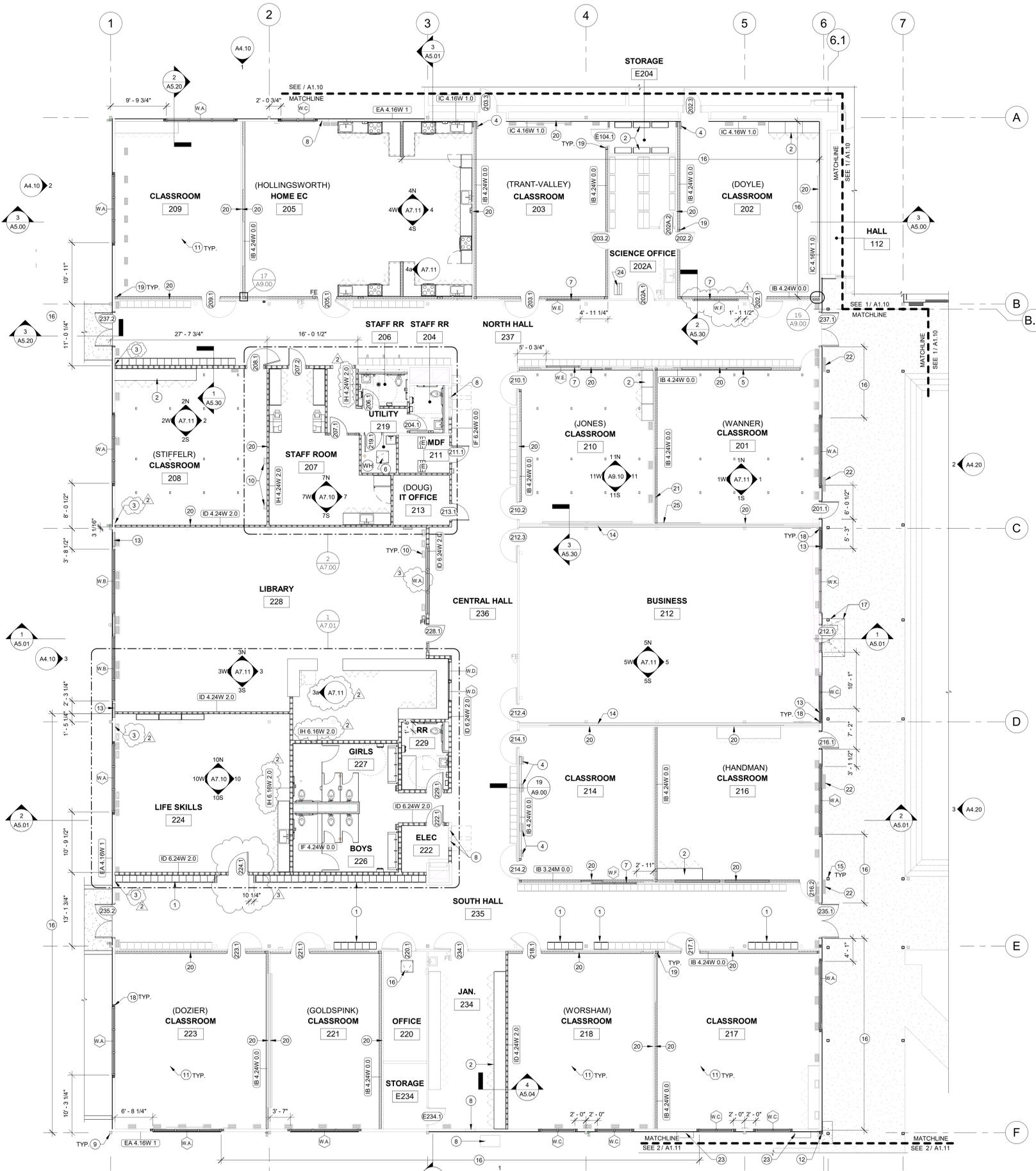
- A. VERIFY ALL DIMENSIONS AND NOTIFY PROJECT TEAM IF DISCREPANCIES OCCUR.
- B. G.C. TO PROVIDE FIRE BLOCKING AS REQUIRED PER CODE.
- C. G.C. SHALL PROVIDE ALL APPROPRIATE BACKING AS REQUIRED FOR ACCESSORIES AND OTHER MISCELLANEOUS ITEMS.
- D. G.C. TO COORDINATE INSTALLATION OF ALL UTILITIES w/ RESPECTIVE SUPPLIERS/SUBCONTRACTORS PRIOR TO CONSTRUCTION, TYPICAL.
- E. ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE SUPPRESSION AND LANDSCAPE TO BE DESIGN BUILD PER APPLICABLE CODES.
- F. ALL DIMENSION LINES TO THE FACE OF FRAMING, U.N.O.
- G. FEATHER OUT WALL FINISH BETWEEN NEW AND EXISTING GYP TO HIDE JOINT

FLOOR PLAN LEGEND

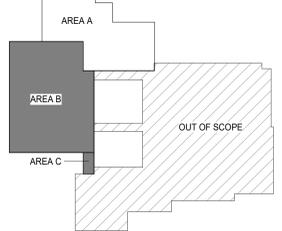
- (N) WALL, SEE ASSEMBLIES A0.10
- (E) WALL TO REMAIN
- (E) 1-HR RATED ASSEMBLY
- (E) 2-HR RATED ASSEMBLY
- AREA INDICATES INFILL FRAMING OF (E) RECESSED FLOOR, SEE STRUCT.

FLOOR PLAN KEYNOTES

1. REINSTALL (E) LOCKERS
2. COORDINATE INSTALL OF CASEWORK W/ TENANT
3. PATCH/REPAIR INTERIOR FINISHES WHERE WALL REMOVED
4. SHEET METAL BAFFLE AT (E) FLOOR VENT AT NEW PARTIAL HEIGHT WALL, REFER 5/A9.10.
5. REINSTALL (E) MARKERBOARD
6. (E) CRAWL SPACE ACCESS HATCH
7. (N) TRANSOM WINDOW, ALIGNED WITH REMOVABLE PANELS
8. (E) ELEC. PANEL, REFER TO ELEC.
9. (N) FINISH ON (E) COLUMNS
10. (N) FLOOR VENTS, REFER MECH.
11. INFILL FLOOR OPENING IN SHEATHING AT DEMOED FLOOR ELEC. BOXES AND PREP FOR (N) FINISH
12. (N) POST AND FOOTING PER STRUCT. COORDINATE WORK WITH CANOPY REPLACEMENT DRAWINGS AND TIMING OF (N) CANOPY FOOTING. SEE CIVIL FOR CONCRETE SIDEWALK SPECIFICATIONS
13. INFILL EXTERIOR WALL AT DEMOED WALL AND/OR WINDOW LOCATION
14. (N) WALL TO STRUCTURE UNDER TI PROJECT, COORDINATE ON TIMING.
15. (N) STEEL CANOPY POST BY OTHERS REFER TO CANOPY REPLACEMENT DRAWINGS.
16. SHEAR WALL, REFER STRUCTURAL.
17. (N) CONCRETE SIDEWALK SLOPED UP TO (N) DOOR. COORDINATE WORK WITH CANOPY REPLACEMENT DRAWINGS AND TIMING OF (N) CANOPY FOOTING. SEE CIVIL FOR CONCRETE SIDEWALK SPECIFICATIONS.
18. (N) POST FOR HEADER AND/OR GLB SUPPORT REFER STRUCTURAL.
19. VERTICAL CHASE, REFER ELEC.
20. REPAIR WALL AS NEEDED FOR MONITOR CABLE RACEWAY, SEE 12/A9.00.
21. (E) WALL MOUNTED ELEMENTS REINSTALLED UNDER TI PACKAGE, COORDINATE ON TIMING, TYP.
22. (E) CRAWL SPACE VENT TO REMAIN.
23. INCREASE SIZE OF (E) CRAWL SPACE VENTS AND ADD WALL TO STOP LANDSCAPING ENCROACHMENT.
24. (N) DATA RACK, REFER TECH.
25. PAINT WALLS, TYP. INCLUDING OVER (E) WALL MURAL.



KEY PLAN



1 FLOOR PLAN - AREA B
 A1.11 1/8" = 1'-0"

2 FLOOR PLAN - AREA C
 A1.11 1/8" = 1'-0"

1	ADD 1	26.02.27
2	ADD 2	26.03.03
3	ADD 3	26.03.11

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FLOOR PLAN - AREA B & C

A1.11

BID & PERMIT SET

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ROOF PLAN GENERAL NOTES

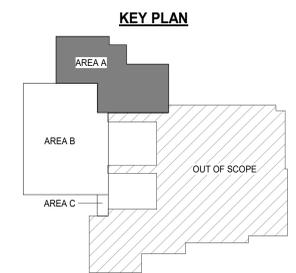
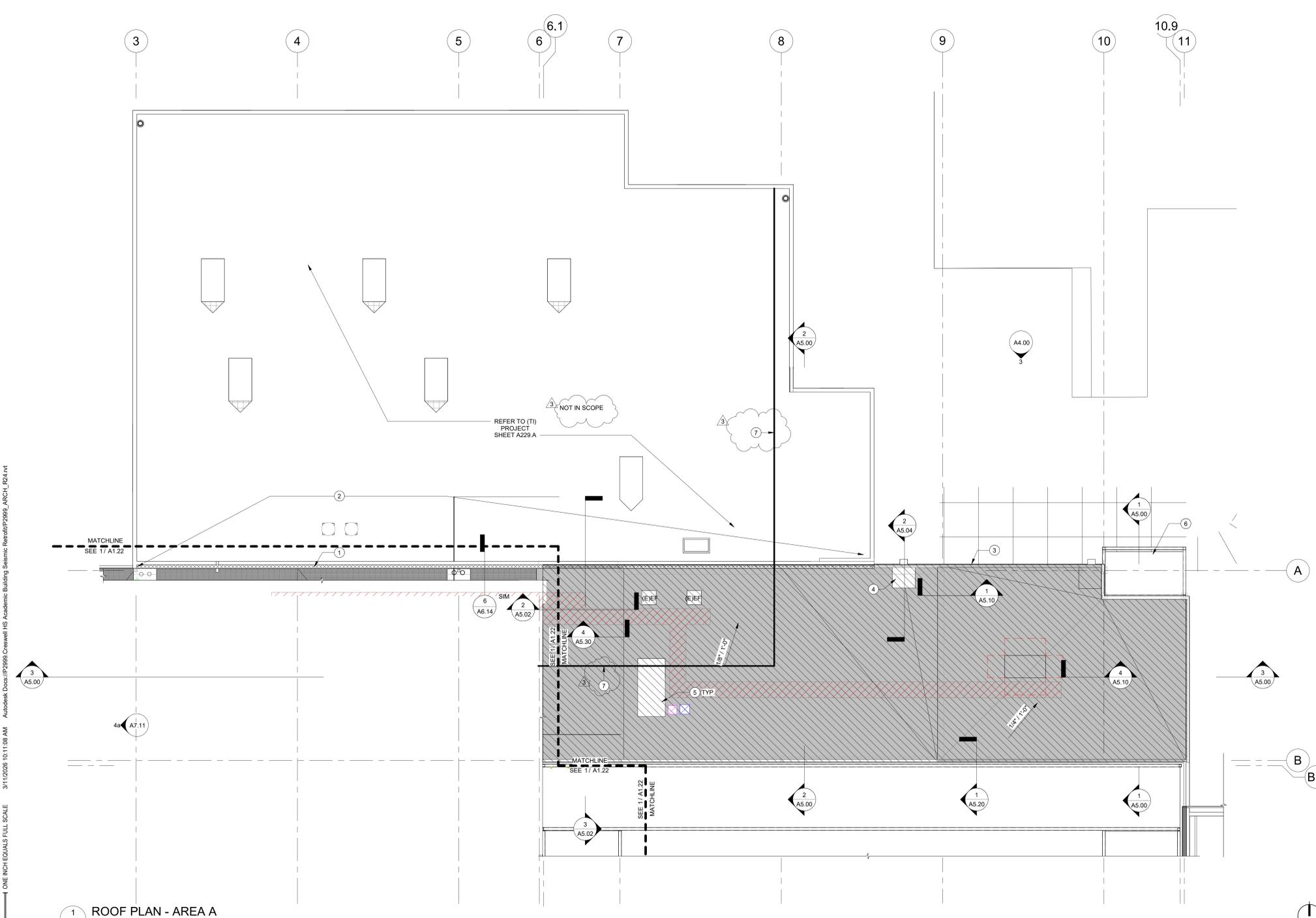
- A. ALL WORK AND MATERIALS SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL REGULATIONS, STANDARDS AND MFR SPECIFICATIONS AND THE OSSC. CONTACT PROJECT TEAM FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS AND SPECS.
- B. VERIFY ALL DIMENSIONS, ELEVATIONS AND LOCATIONS PRIOR TO CONSTRUCTION. NOTIFY PROJECT TEAM OF ANY DISCREPANCIES. DIMENSIONS ON THIS PLAN ARE NOT SUITABLE FOR MATERIAL ORDERING USE. CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS PRIOR TO BIDDING AND ORDERING.
- C. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF ALL TEMPORARY ROOF ACCESS SYSTEMS. ALL SYSTEMS MUST COMPLY WITH OSHA.
- D. COORDINATE STAGING AND MATERIALS STORAGE AREA WITH ANY APPLICABLE PARTIES.
- E. SECURITY OF STORED MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR.
- F. NO PORTION OF THE ROOF SHALL BE LEFT UNPROTECTED AGAINST THE ELEMENTS BETWEEN CONTRACTOR SHIFTS.
- G. SEE PLAN SET AND/OR SPECIFICATIONS FOR MORE INFORMATION.
- H. REFER TO INSULATION PLAN FOR TAPERED SLOPE AREAS

ROOF PLAN LEGEND

- ROOF ASSEMBLY 1: AREA TO RECEIVE (N) TPO ROOFING AND (N) INSULATION. SEE ASSEMBLIES A6.10 - EXISTING SLOPE VARIES 1/10" TO 1/4"/10"
- ROOF ASSEMBLY 2: AREA TO RECEIVE (N) TPO ROOFING AND (N) INSULATION, AND NEW DECKING. SEE ASSEMBLIES A6.10
- SLIP RESISTANT WALKWAY 34" WIDE
- INDICATES ROOF STEP
- ROOF SLOPE (ALWAYS INDICATES DOWN)

ROOF PLAN KEYNOTES

- 1. SEISMIC EXPANSION JOINT COVER
- 2. REPLACE METAL SIDING ON PARAPET
- 3. (N) PARAPET COPING CAP, TYP.
- 4. (N) ROOF DRAIN, TYP.
- 5. ROOF TOP EQUIP., REFER MECHANICAL
- 6. (N) ENTRY CANOPY
- 7. (E) CONDUIT TO REMAIN, PROTECT DURING CONSTRUCTION.



1 ROOF PLAN - AREA A
A1.21 1/8" = 1'-0"



3 ADD 3 26.03.11

REVISION	DATE:
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ROOF PLAN - AREA A

A1.21

BID & PERMIT SET

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ROOF PLAN GENERAL NOTES

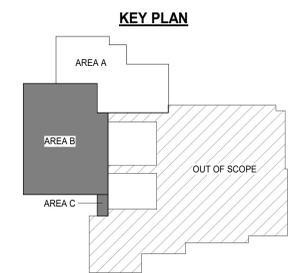
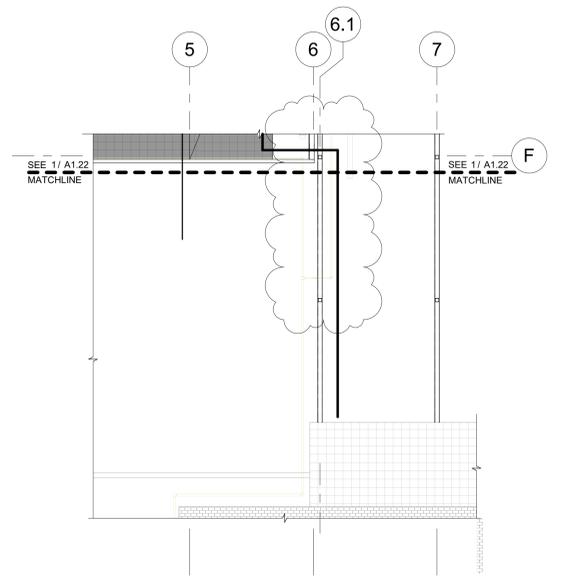
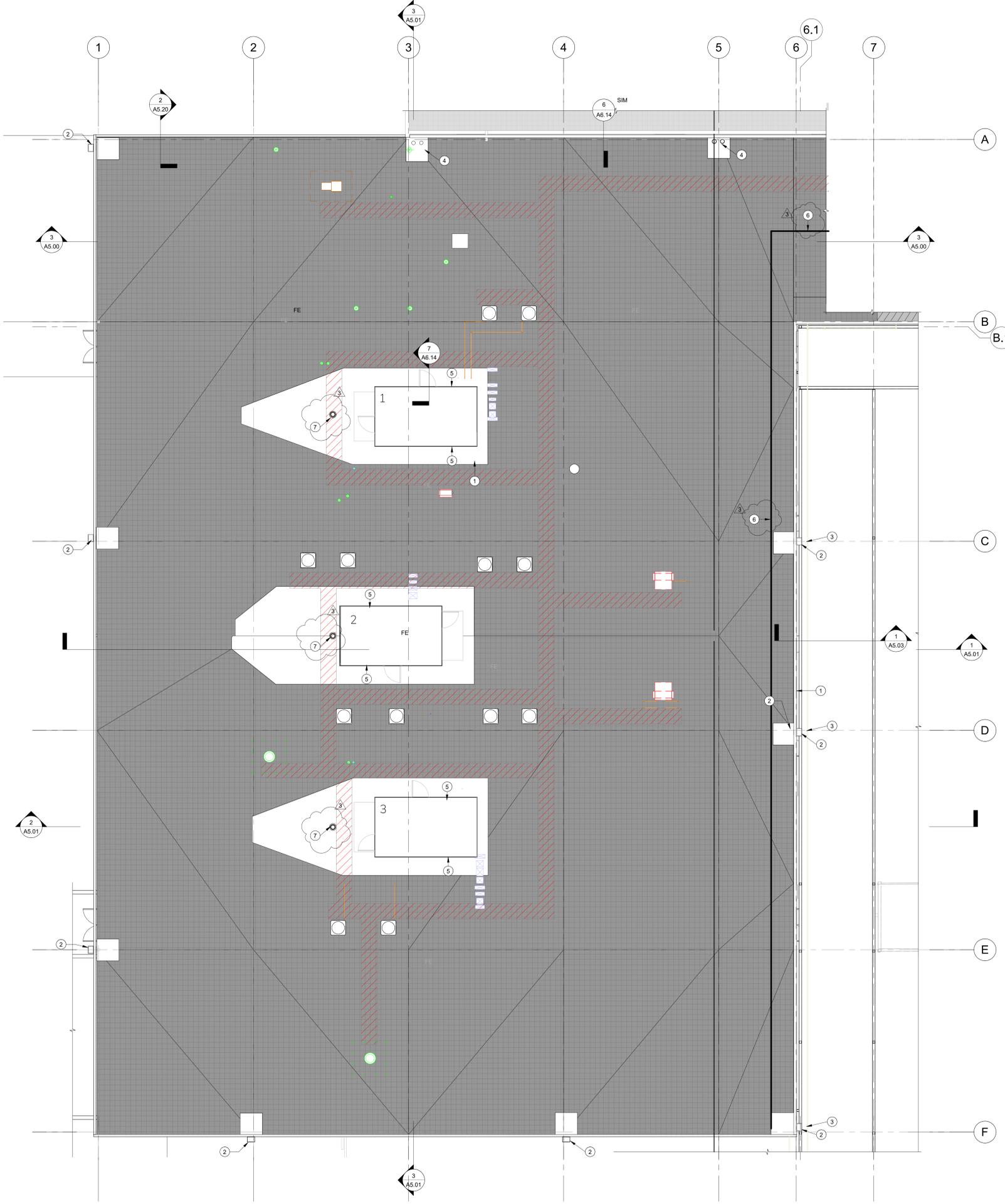
- A. ALL WORK AND MATERIALS SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL REGULATIONS, STANDARDS AND MFR SPECIFICATIONS AND THE OSSC. CONTACT PROJECT TEAM FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS AND SPECS.
- B. VERIFY ALL DIMENSIONS, ELEVATIONS AND LOCATIONS PRIOR TO CONSTRUCTION. NOTIFY PROJECT TEAM OF ANY DISCREPANCIES. DIMENSIONS ON THIS PLAN ARE NOT SUITABLE FOR MATERIAL ORDERING USE. CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS PRIOR TO BIDDING AND ORDERING.
- C. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF ALL TEMPORARY ROOF ACCESS SYSTEMS. ALL SYSTEMS MUST COMPLY WITH OSHA.
- D. COORDINATE STAGING AND MATERIALS STORAGE AREA WITH ANY APPLICABLE PARTIES.
- E. SECURITY OF STORED MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR.
- F. NO PORTION OF THE ROOF SHALL BE LEFT UNPROTECTED AGAINST THE ELEMENTS BETWEEN CONTRACTOR SHIFTS.
- G. SEE PLAN SET AND/OR SPECIFICATIONS FOR MORE INFORMATION.
- H. REFER TO INSULATION PLAN FOR TAPERED SLOPE AREAS

ROOF PLAN LEGEND

- ROOF ASSEMBLY 1: AREA TO RECEIVE (N) TPO ROOFING AND (N) INSULATION. SEE ASSEMBLIES A6.10 - EXISTING SLOPE VARIES 1"11"0" TO 14"7"10"
- ROOF ASSEMBLY 2: AREA TO RECEIVE (N) TPO ROOFING AND (N) INSULATION, AND NEW DECKING. SEE ASSEMBLIES A6.10
- SLIP RESISTANT WALKWAY 34" WIDE
- INDICATES ROOF STEP
- ROOF SLOPE (ALWAYS INDICATES DOWN)

ROOF PLAN KEYNOTES

- 1. (N) PARAPET COPING CAP, TYP.
- 2. (N) ROOF DRAIN AND SCUPPER, TYP.
- 3. REFER MECH. FOR ROOF TOP MECH. OPTIONS.
- 4. CRICKETS, TYP.
- 5. REINSTALL (E) METAL PANELS WITH NEW FASTNERS ENSURE WATERTIGHT INSTALLATION TYP.
- 6. (E) CONDUIT TO REMAIN, PROTECT DURING CONSTRUCTION.
- 7. (N) OVERFLOW ROOF DRAIN SET LIP 1" ABOVE ROOF, SEE PLUMBING.



1 ROOF PLAN - AREA B
A1.22 1/8" = 1'-0"

2 ROOF PLAN - AREA C
A1.22 1/8" = 1'-0"

1	ADD 1	26.02.27
3	ADD 3	26.03.11

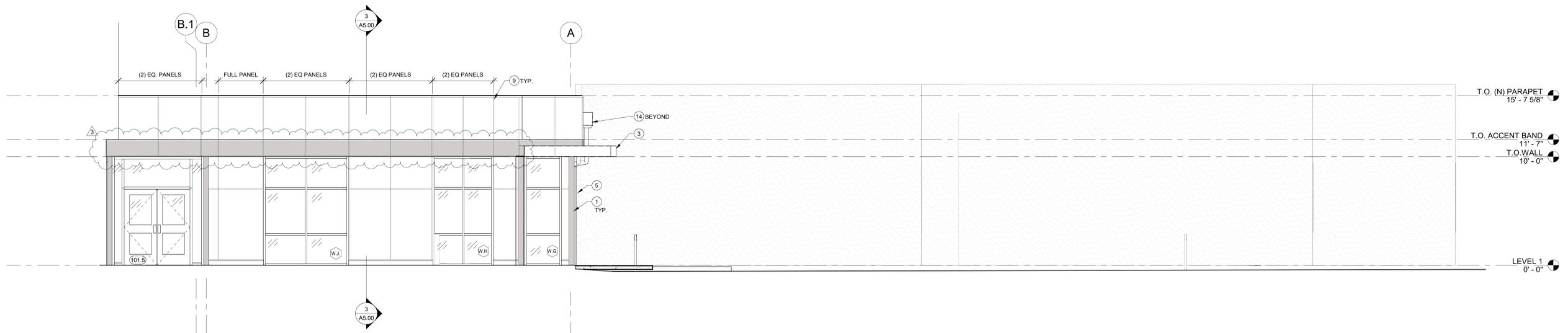
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ROOF PLAN - AREA B & C

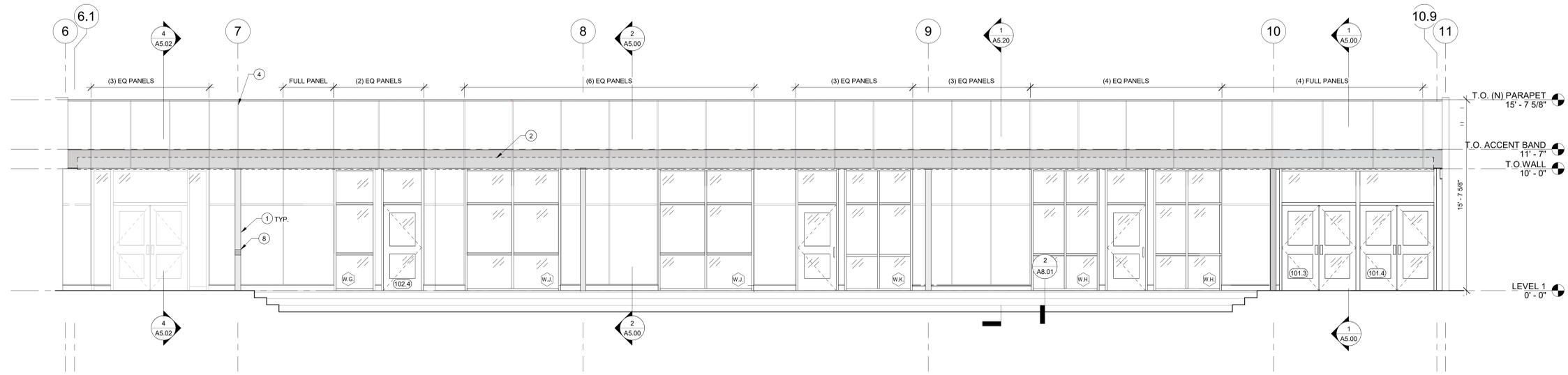
A1.22

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BID & PERMIT SET



1 EAST ELEVATION - AREA A
A4.00' 1/4" = 1'-0"



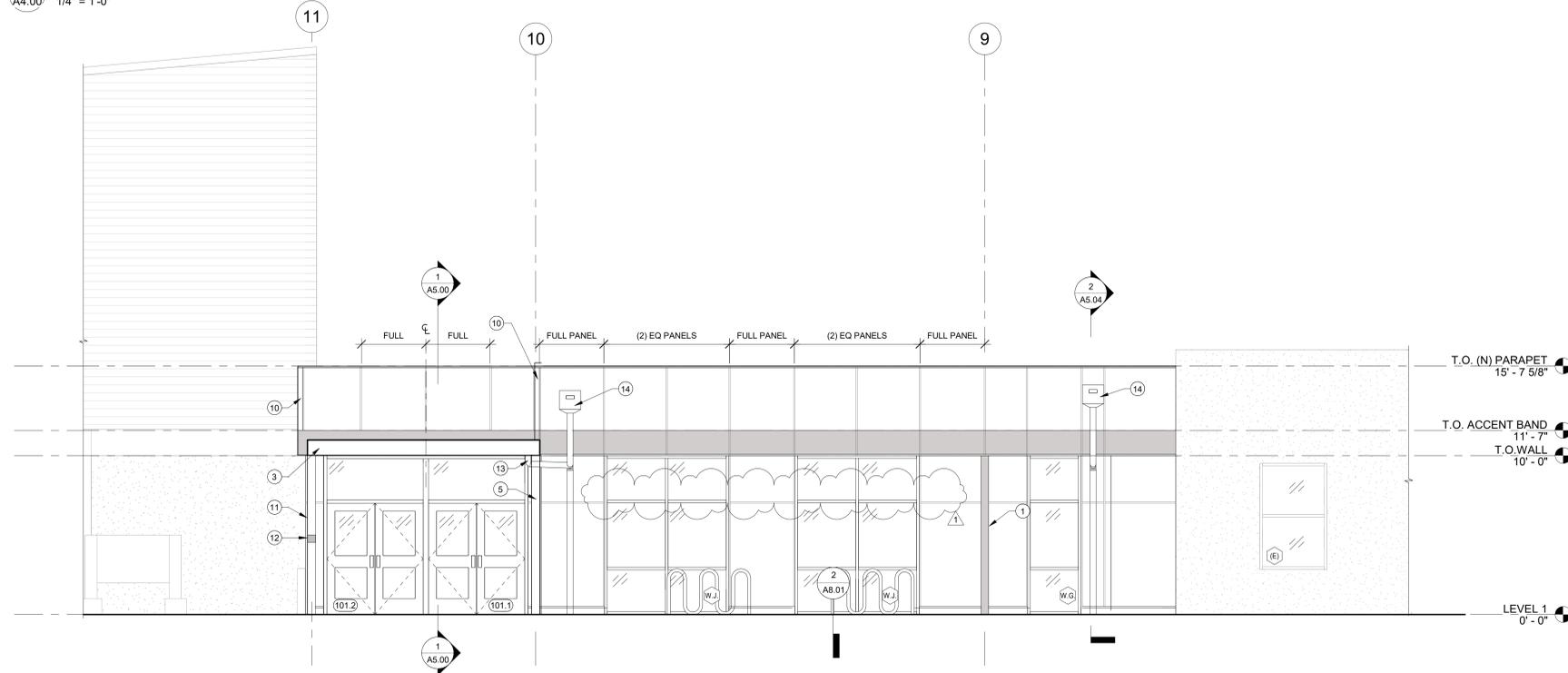
2 SOUTH ELEVATION - AREA A
A4.00' 1/4" = 1'-0"

ELEVATION LEGEND

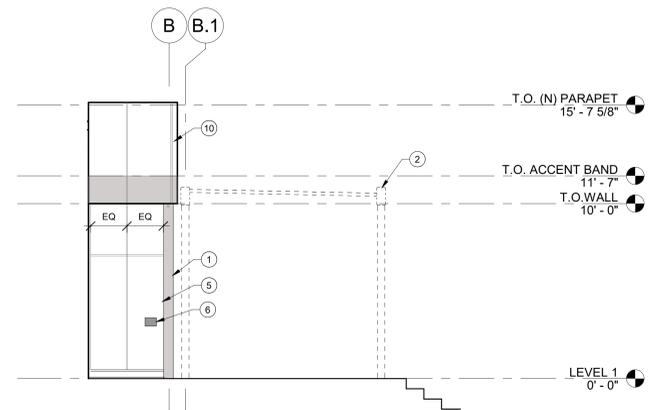
- (E) STUCCO SYSTEM
- (E) CEMENT LAP SIDING
- FIBER-CEMENT PANEL SIDING
- FIBER-CEMENT PANEL SIDING, PAINTED TO MATCH ADJACENT ACCENT BAND
- FINISH TAG; SEE FINISH SCHEDULE

ELEVATION KEYNOTES

1. (N) FIBER CEMENT TRIM WRAP AT COLUMN
2. (N) STEEL CANOPY UNDER SEPARATE PERMIT BY OTHERS. SOME SUPPORT POSTS NOT SHOWN FOR CLARITY.
3. (N) ENTRY CANOPY
4. (N) REVEAL CENTERED ABOVE COLUMN
5. (N) DOWNSPOUTS, (N) CLEANOUT BOOT, TYP.
6. REINSTALL (E) ADA PUSH BUTTON
7. (N) STEEL CANOPY POST BY OTHERS UNDER SEPARATE PERMIT
8. REINSTALL (E) ADA DOOR AUTO OPERATOR PUSH BUTTON
9. REVEAL IN (N) FIBER CEMENT SIDING
10. (N) FIBER CEMENT TRIM AT PARAPET CORNERS
11. (N) AWNING COLUMN, PAINTED
12. REINSTALL (E) KNOW BOX. COORDINATE LOCATION W/ FIRE MARSHAL
13. ENTRY CANOPY DS CONNECTOR TO BUILDING DS.
14. COLLECTOR BOX & DS.



3 NORTH ENTRY ELEVATION - AREA A
A4.00' 1/4" = 1'-0"



4 WEST ELEVATION - AREA A @ GL 7
A4.00' 1/4" = 1'-0"

1	ADD 1	26.02.27
3	ADD 3	26.03.11

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EXTERIOR ELEVATIONS

A4.00

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**CRESWELL HS
ACADEMIC
BUILDING
IMPROVEMENT
PROJECT**

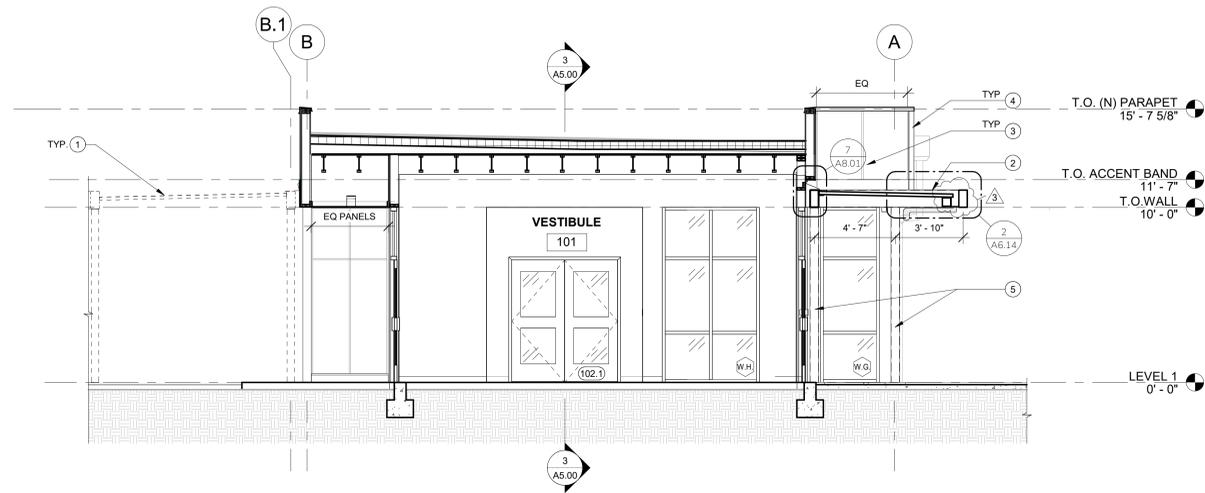


SECTION LEGEND

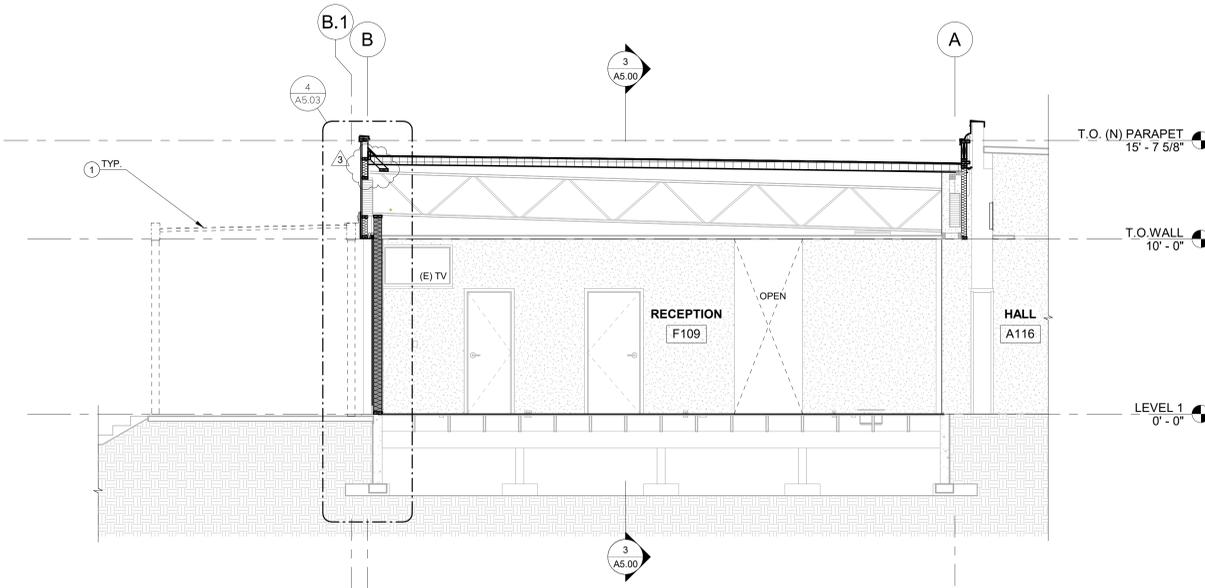
-  (E) STUCCO SYSTEM
-  FIBER-CEMENT PANEL SIDING
-  FIBER-CEMENT PANEL SIDING, PAINTED TO MATCH ADJACENT ACCENT BAND
-  FINISH TAG; SEE FINISH SCHEDULE

SECTION KEYNOTES

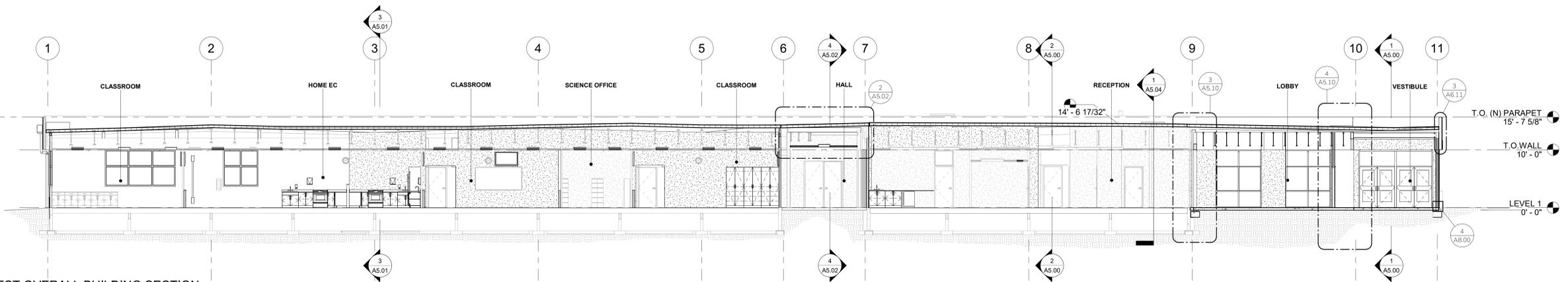
1. (N) CANOPY, REFER TO CANOPY REPLACEMENT DWGS
2. (N) ENTRY AWNING
3. REVEAL IN (N) FIBER CEMENT SIDING
4. (N) FIBER CEMENT TRIM AT PARAPET CORNERS
5. (N) ENTRY CANOPY COLUMNS, REF STRUCT.



1 NORTH/SOUTH SECTION - VESTIBULE
A5.00 1/4" = 1'-0"



2 NORTH/SOUTH SECTION - AREA A
A5.00 1/4" = 1'-0"



3 EAST/WEST OVERALL BUILDING SECTION
A5.00 1/8" = 1'-0"



3 ADD 3 26.03.11

REVISION	DATE
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PROJECT NO. P-2999-25
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DATE: 02-18-2026

BUILDING SECTIONS

A5.00

BID & PERMIT SET

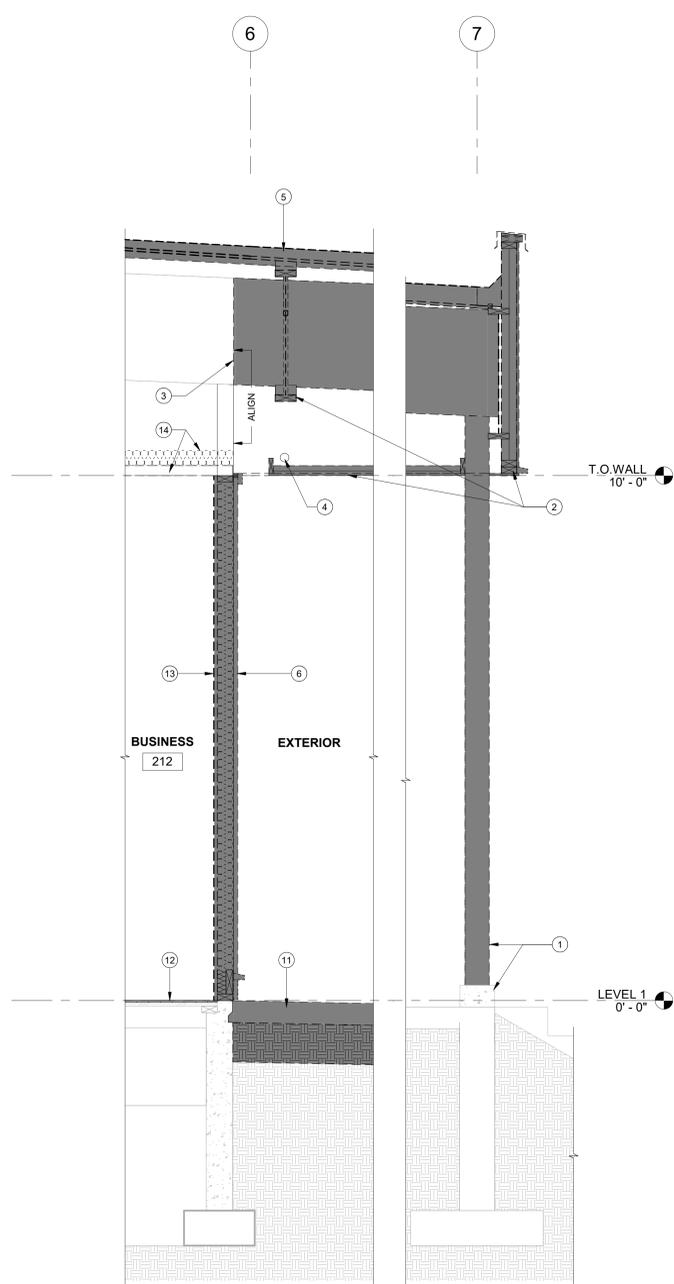


SECTION DEMO KEYNOTES

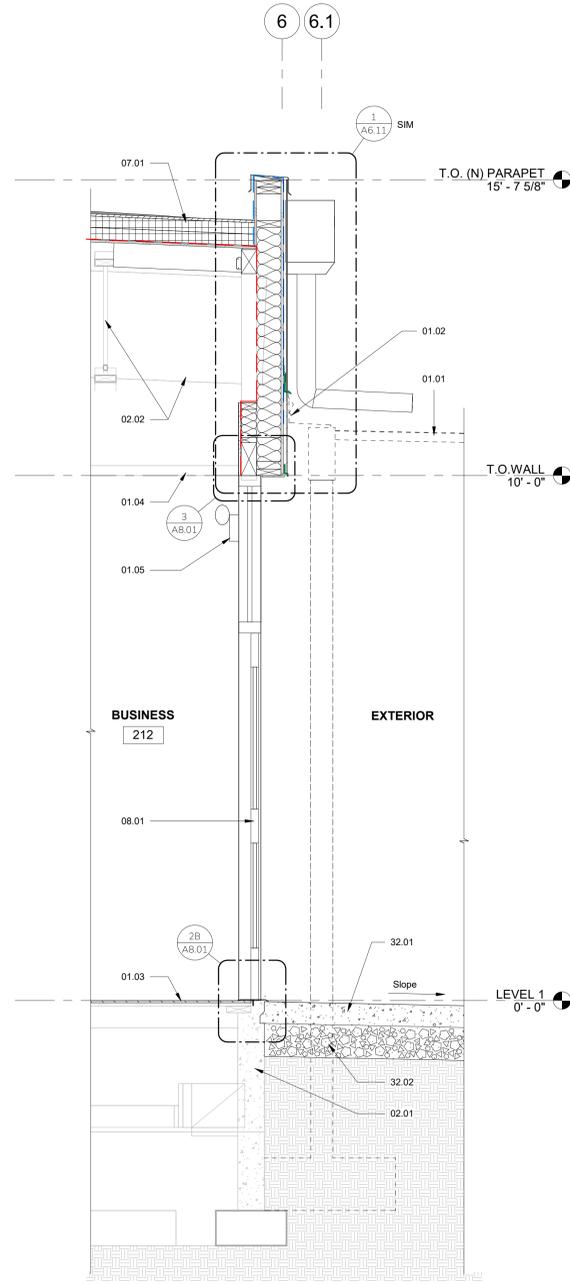
1. DEMOLISH (E) CANOPY POST. CANOPY PROJECT TO DEMO CONCRETE FOOTING AND STEMWALL.
2. DEMOLISH (E) CANOPY ASSEMBLY INCLUDING: SUSPENDED PLASTER SOFFIT, PARAPET AND CANOPY TRUSS. JOISTS BACK TO OUTSIDE FACE OF (E) WALL FRAMING. (E) SPRINKLER SYSTEM TO REMAIN ACTIVE.
3. CUT BACK (E) GLB FLUSH TO (N) SUPPORT POST IN WALL. REFER STRUCT.
4. (E) GAS PIPING TO REMAIN ACTIVE WHILE BUILDING IS OCCUPIED, PROTECT.
5. DEMOLISH (E) ROOFING MEMBRANE SEE ROOF ASSEMBLY FOR MORE INFORMATION.
6. DEMOLISH PORTION OF (E) WALL AS REQ'D FOR (N) OPENING.
7. DEMOLISH (E) CANOPY GLB BACK TO FACE OF (E) GLB RUNNING EW AT GRIDLINE B.
8. (E) GLB & TRUSSES TO REMAIN IN BUILDING, REF STRUCT.
9. DEMOLISH (E) WOODFRAMED STOREFRONT ASSEMBLY.
10. DEMOLISH (E) WALL ABOVE WOOD STOREFRONT ASSEMBLY.
11. DEMOLISH (E) CONCRETE SIDEWALK AS REQ'D FOR (N) DOOR.
12. (E) BUSINESS AREA & OFFICE FINISH FLOORING DEMOLITION UNDER TI PROJECT, COORDINATE TIMING.
13. (E) BUSINESS AREA INTERIOR PLYWD, PANELING AND GYP BD DEMOLITION UNDER TI PROJECT, COORDINATE TIMING.
14. (E) CEILING & INSULATION DEMOLITION UNDER TI PROJECT, COORDINATE TIMING.
15. DEMOLISH (E) WOOD TRIM OVER COLUMNS AT BUILDING. (E) COLUMN TO REMAIN.

SECTION KEYNOTES

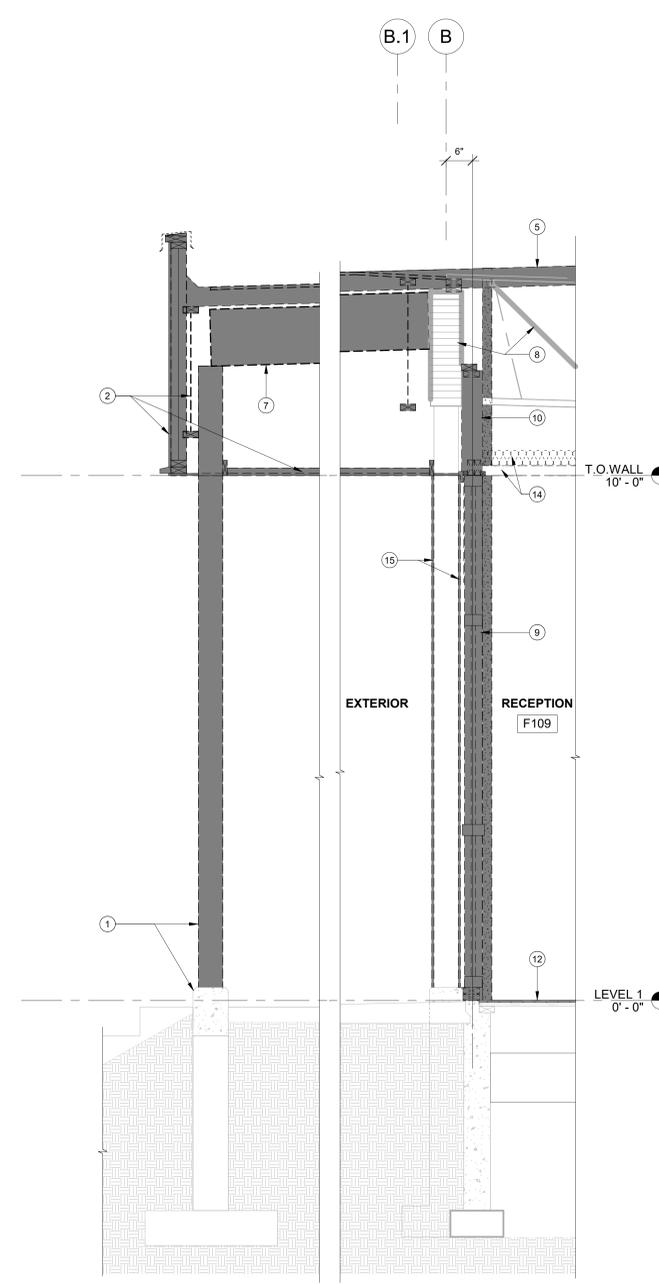
- 01.01 (N) CANOPY. REFER TO CANOPY REPLACEMENT PROJECT.
- 01.02 (N) COUNTERFLASHING BY OTHERS, COORDINATE WITH CANOPY REPLACEMENT PROJECT.
- 01.03 (N) FLOORING COORDINATE W/ TI PROJECT FOR TIMING.
- 01.04 (N) CEILING ASSEMBLY UNDER TI PROJECT.
- 01.05 (N) EMERGENCY LIGHTING COORDINATE W/ TI PROJECT FOR TIMING.
- 02.01 (E) FOOTING TO REMAIN.
- 02.02 (E) GLB & TRUSSES TO REMAIN, REF. STRUCT.
- 07.01 (N) ROOF ASSEMBLY, REF ROOF PLAN.
- 07.02 (E) COLUMN W/ NEW FIBER-CEMENT TRIM.
- 07.03 (N) EXTERIOR WALL ASSEMBLY REFER TO PLAN.
- 07.04 (N) PARAPET KICKERS, REF STRUCT.
- 08.01 (N) DOOR, REF PLAN & SCHEDULE.
- 32.01 (N) CONCRETE SIDEWALK SLOPED AT MAX 2% AWAY FROM DOOR TO MEET WITH (E) SIDEWALK.
- 32.02 9" MIN OF (E) OR NEW COMPACTED AGGREGATE FILL.



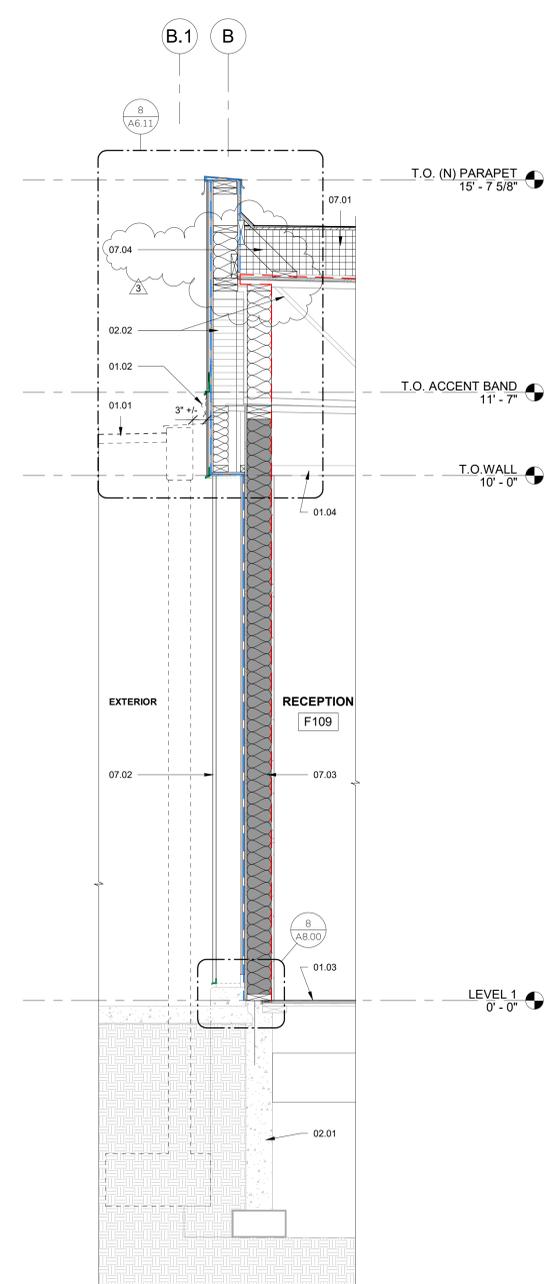
1 DEMO WALL SECTION - GL-6
A5.03 3/4" = 1'-0"



2 WALL SECTION - GL 6 / BUSINESS
A5.03 3/4" = 1'-0"



3 DEMO WALL SECTION - GL-B
A5.03 3/4" = 1'-0"



4 WALL SECTION - GL B / RECEPTION
A5.03 3/4" = 1'-0"

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3 ADD 3 26.03.11

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DEMO & NEW WALL SECTIONS

A5.03

BID & PERMIT SET

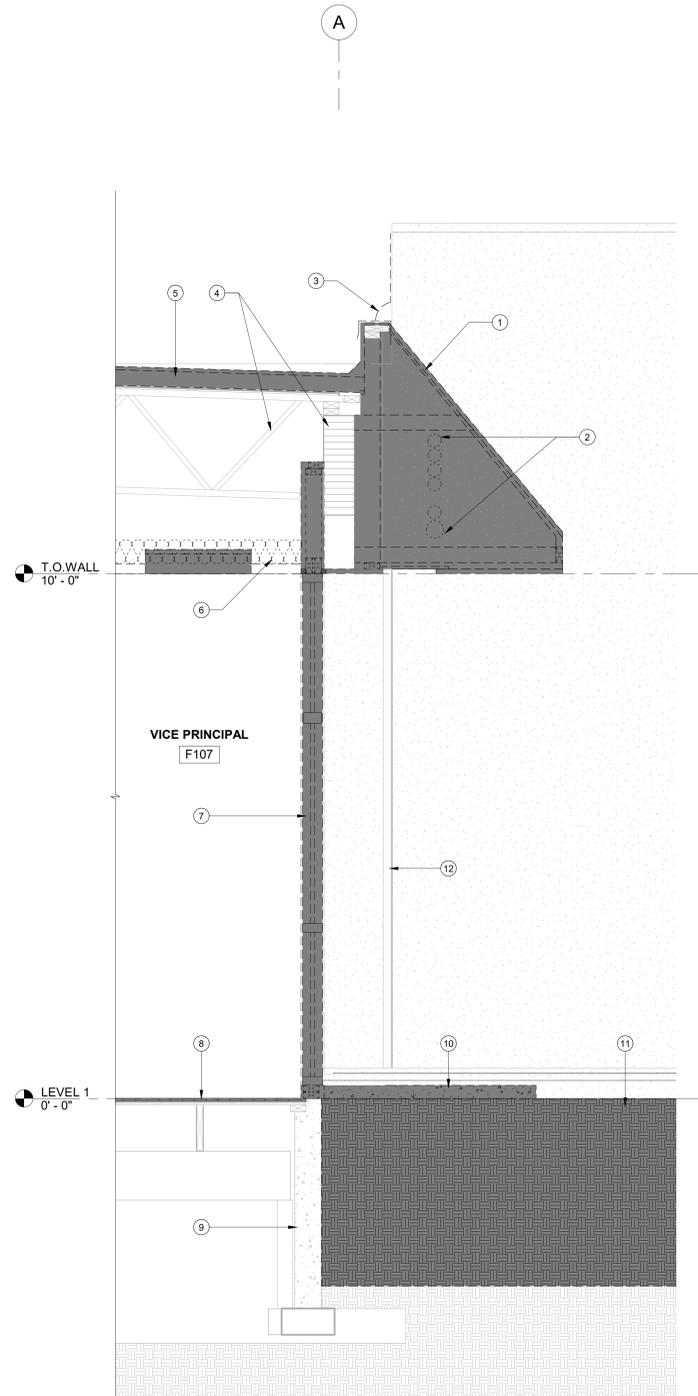


SECTION DEMO KEYNOTES

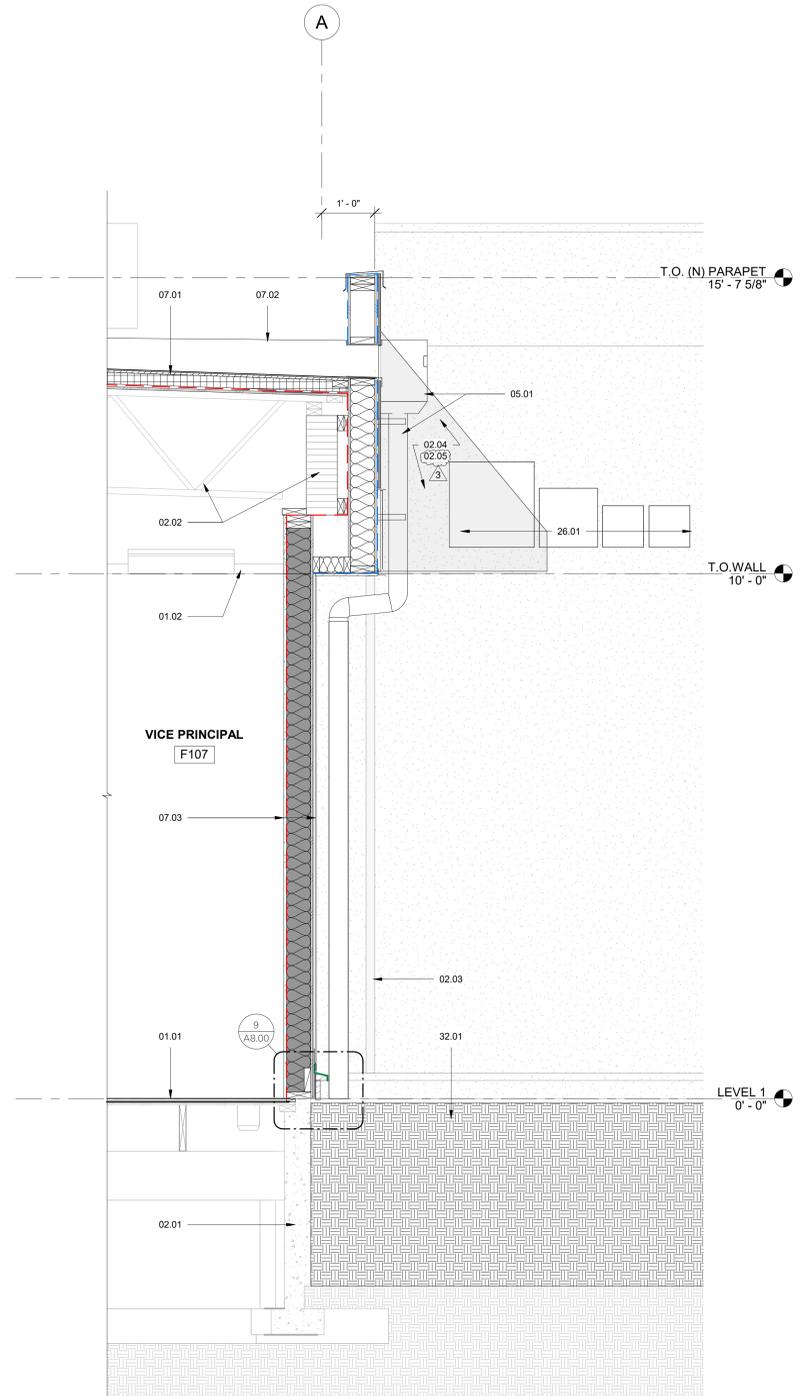
1. DEMOLISH (E) AWNING.
2. COORDINATE WITH THIRD PARTY ELECTRICAL CONTRACTOR THRU TENANT ON REROUTE OF (E) ELECTRICAL CONDUITS PER ELECTRICAL. MAINTAIN (E) STRUCTURAL SUPPORTS AS NEEDED.
3. DEMOLISH (E) SEISMIC EXPANSION JOINT COVER.
4. (E) GLB & TRUSSES TO REMAIN, REF STRUCT.
5. DEMOLISH (E) ROOFING MEMBRANE SEE ROOF ASSEMBLY FOR MORE INFORMATION.
6. REMOVE & REPLACE CEILING AS NEEDED PER DEMO RCP. FULL CEILING & INSULATION DEMOLITION UNDER TI PROJECT. COORDINATE TIMING.
7. DEMOLISH (E) WOODFRAMED STOREFRONT ASSEMBLY.
8. FINISH FLOORING DEMOLITION UNDER TI PROJECT. COORDINATE TIMING.
9. (E) FOOTING TO REMAIN, TYP.
10. DEMOLISH (E) CONCRETE STEP AND SIDEWALK UNDER AWNING.
11. REFER TO CIVIL & PLUMBING FOR STORM WATER ROUTING.
12. (E) EXPANSION JOINT ON WALL BEYOND.
13. CASEWORK REMOVED UNDER TI PROJECT. COORDINATE ON TIMING.
14. DEMOLISH (E) PARTITION WALL. SALVAGE GLAZING COMPONENTS FOR REUSE. PREP FOR REINSTALLATION.
15. REMOVE CEILING AS NEEDED PER DEMO RCP.

SECTION KEYNOTES

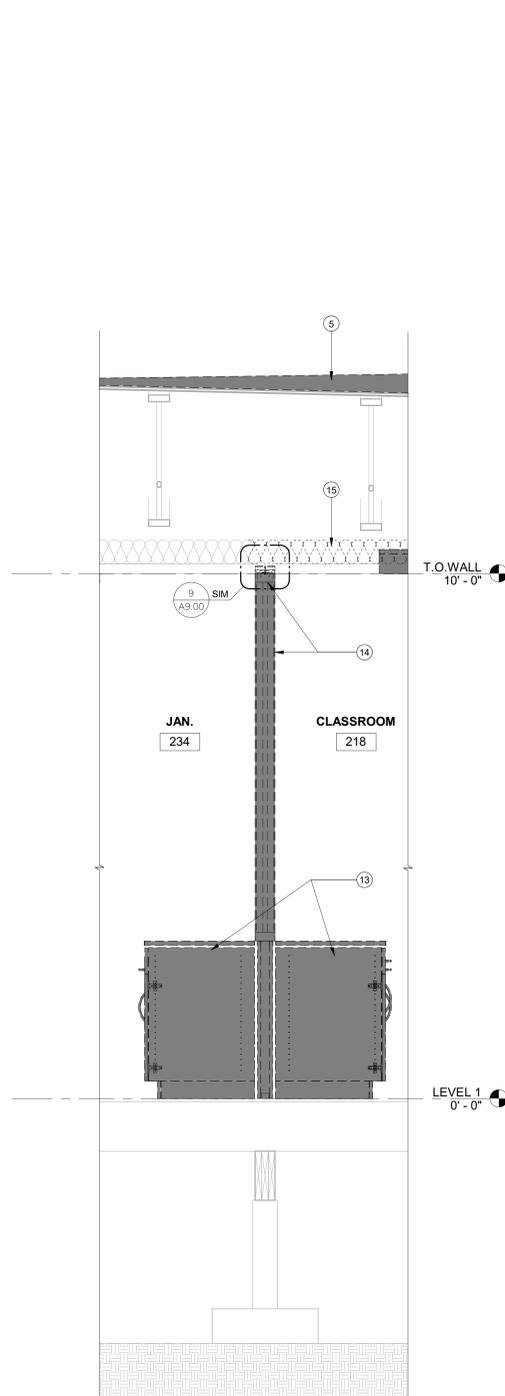
- 01.01 (N) FLOORING COORDINATE W/ TI PROJECT FOR TIMING.
- 01.02 (N) CEILING ASSEMBLY UNDER TI PROJECT.
- 01.03 CASEWORK UNDER TI PROJECT. COORDINATE FOR TIMING.
- 02.01 (E) FOOTING TO REMAIN.
- 02.02 (E) GLB AND/OR TRUSSES TO REMAIN, REF. STRUCT.
- 02.03 (E) EXPANSION JOINT TO REMAIN.
- 02.04 REPAIR (E) STUCCO WALL BEYOND AFTER AWNING REMOVAL.
- 02.05 EXISTING WALL FINISH ASSUMED TO BE 3-PART CEMENT STUCCO SYSTEM. REMOVE TO EXISTING WRB, INCLUDING ALL LOOSE MATERIAL. CLEAN THE REPAIR AREA. REPAIR WRB AS NEEDED. REVIEW CONDITIONS WITH ARCHITECT PRIOR TO FURTHER REPAIRS TO CONFIRM NEXT STEPS. PROVIDE NEW DRAINAGE LAYER ALIGNED WITH EXISTING DRAINAGE LAYER. PROVIDE LATH OR BINDING LAYER TO MATCH EXISTING. PROVIDE SCRATCH COATS AND FINAL COAT TO MATCH THICKNESS AND SURFACE TEXTURE. PAINT TO MATCH ADJACENT COLOR.
- 05.01 (N) COLLECTOR BOX & DS, REFER SPECS & PLUMBING.
- 07.01 (N) ROOF ASSEMBLY, REF ROOF PLAN.
- 07.02 SLOPED ROOF BEYOND
- 07.03 (N) EXTERIOR WALL ASSEMBLY, REFER TO PLAN.
- 07.04 (N) INTERIOR WALL ASSEMBLY, REFER TO PLAN.
- 26.01 (N) ELECTRICAL JUNCTION BOXES, REF ELECTRICAL.
- 32.01 EXCAVATION AND FILL FOR UTILITES PER CIVIL.



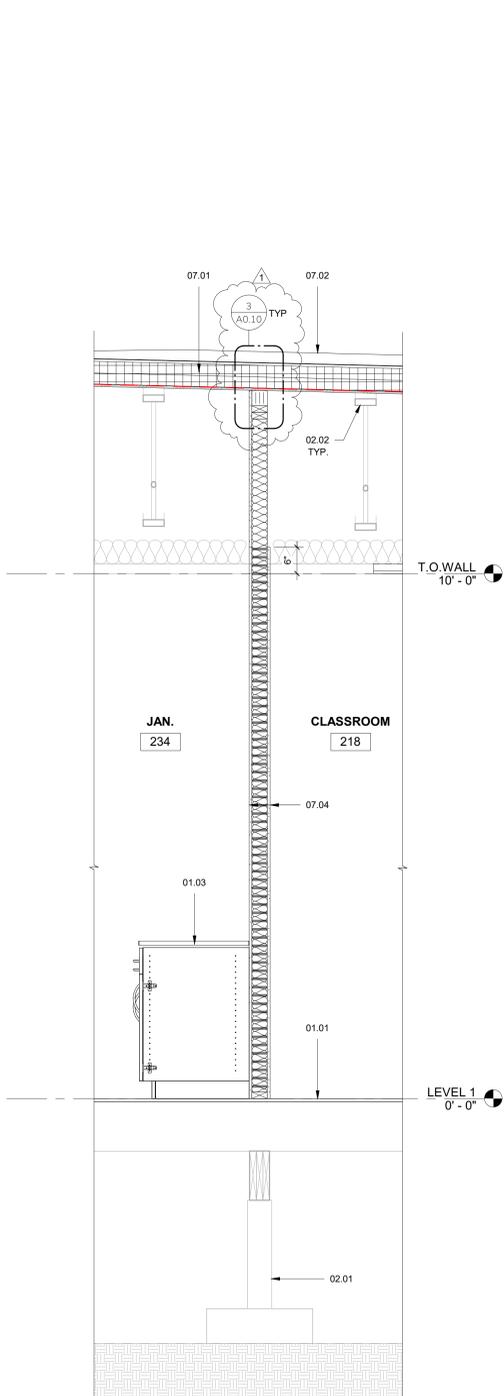
1 DEMO WALL SECTION - GL A
A5.04 3/4" = 1'-0"



2 WALL SECTION - GL A
A5.04 3/4" = 1'-0"



3 DEMO WALL SECTION - JANITOR/ CLASSROOM
A5.04 3/4" = 1'-0"



4 WALL SECTION - JANITOR/ CLASSROOM
A5.04 3/4" = 1'-0"

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1	ADD 1	26.02.27
3	ADD 3	26.03.11

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DEMO & NEW WALL SECTIONS

A5.04

BID & PERMIT SET

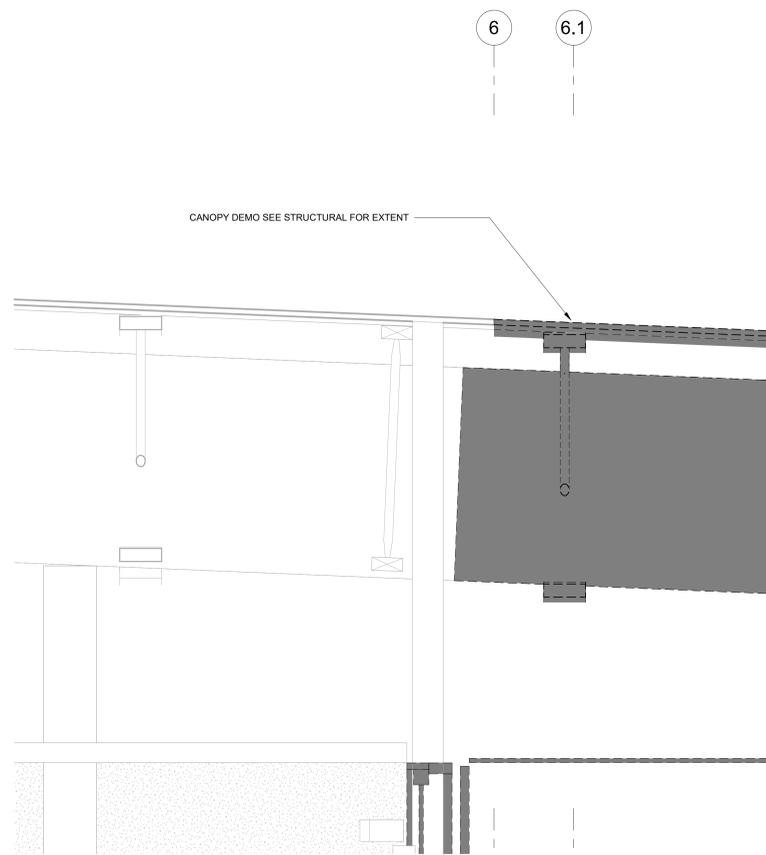


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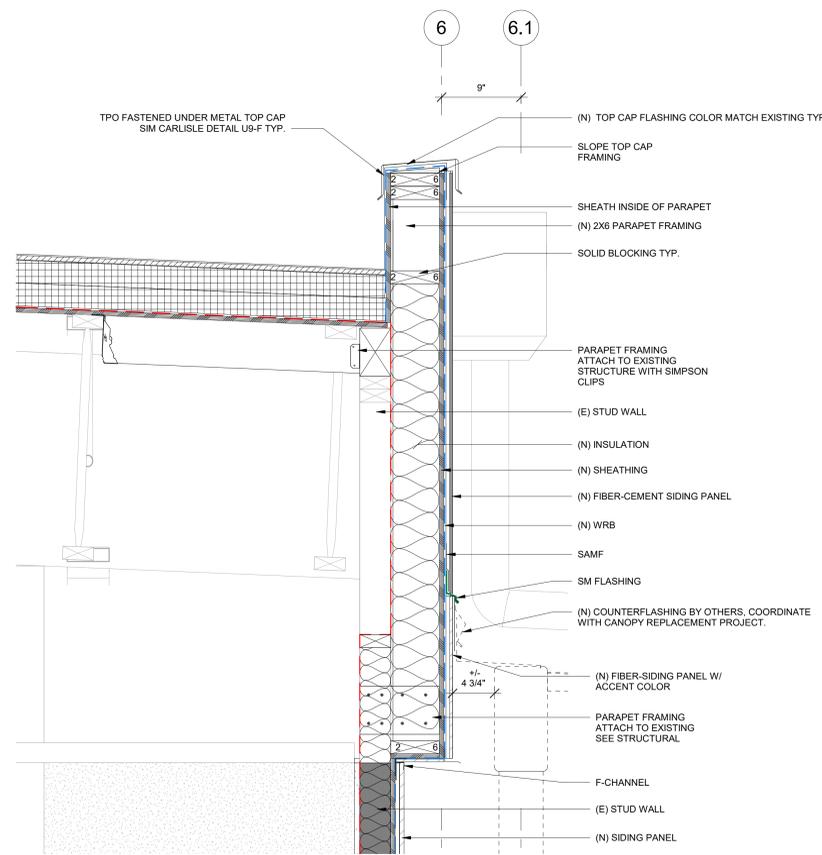


CRESWELL HIGH SCHOOL
33390 NIBLOCK LN
CRESWELL, OR 97426

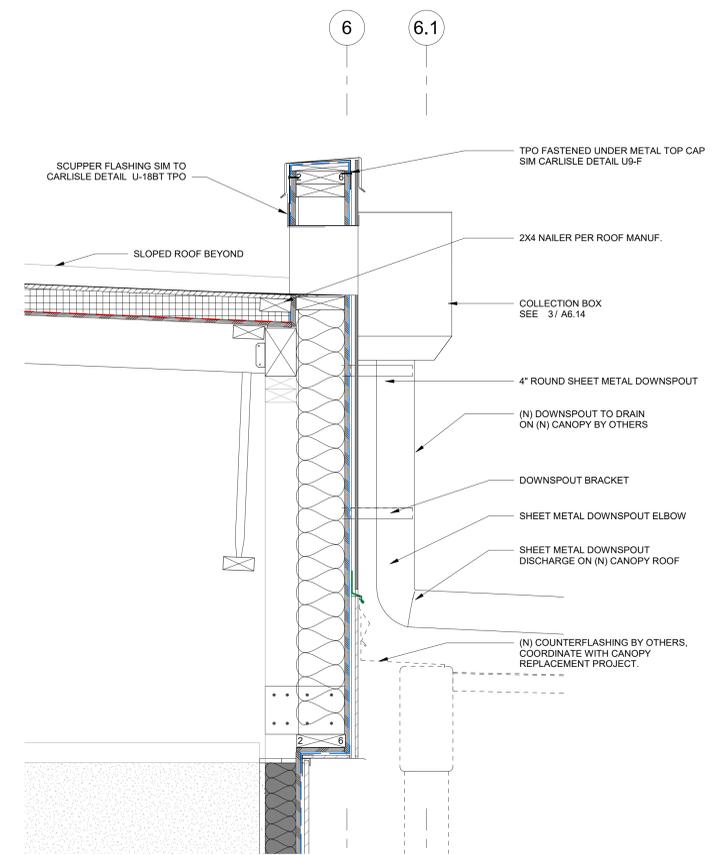
**CRESWELL HS
ACADEMIC
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IMPROVEMENT
PROJECT**



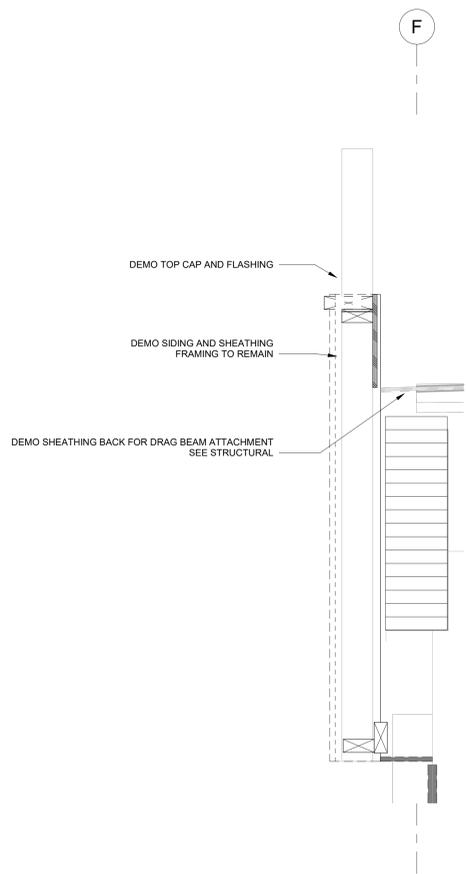
2 GL 6 PARAPET DEMO
A6.11 1 1/2" = 1'-0"



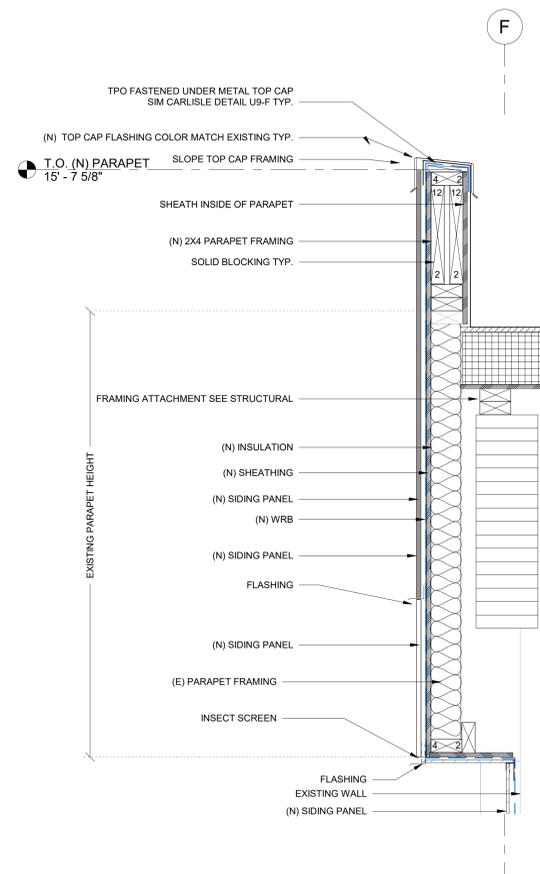
1 GL 6 PARAPET
A6.11 1 1/2" = 1'-0"



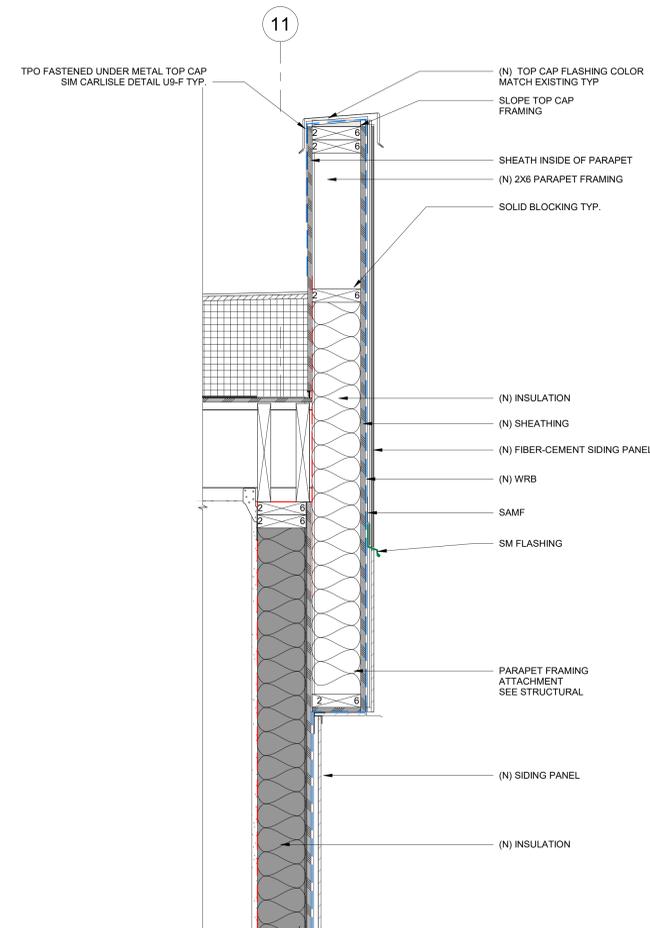
4 GL 6 PARAPET ROOF DRAIN
A6.11 1 1/2" = 1'-0"



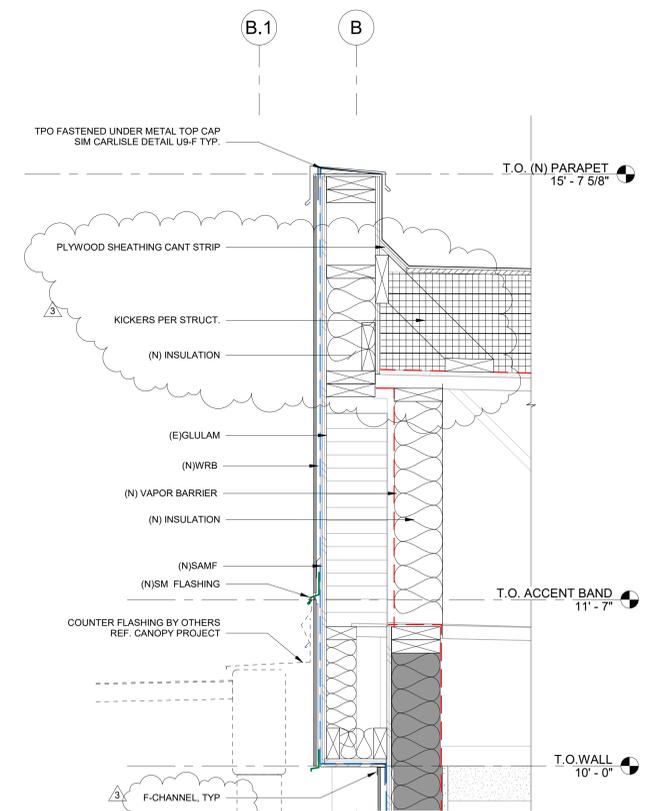
7 PARAPET GL F DEMO
A6.11 1 1/2" = 1'-0"



6 PARAPET GL F
A6.11 1 1/2" = 1'-0"



3 ENTRY PARAPET EAST
A6.11 1 1/2" = 1'-0"



8 PARAPET GL B
A6.11 1 1/2" = 1'-0"



3 ADD 3 26.03.11

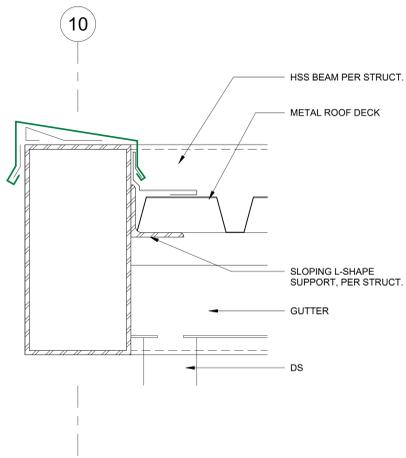
REVISION	DATE
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CHECKED	CW WA
DATE	02-18-2026

PARAPET DETAILS

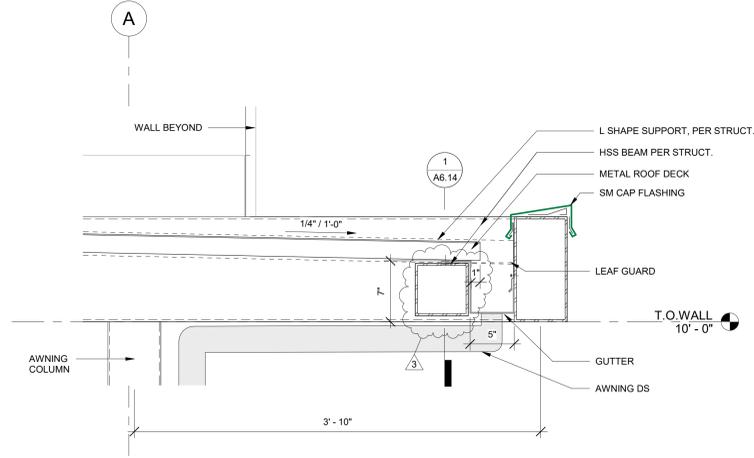
A6.11

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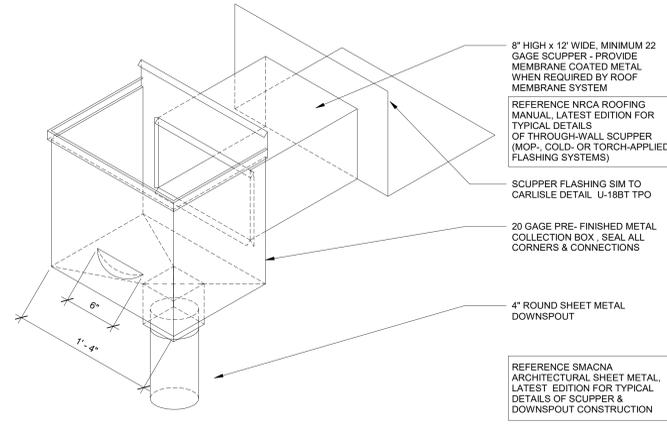
BID & PERMIT SET



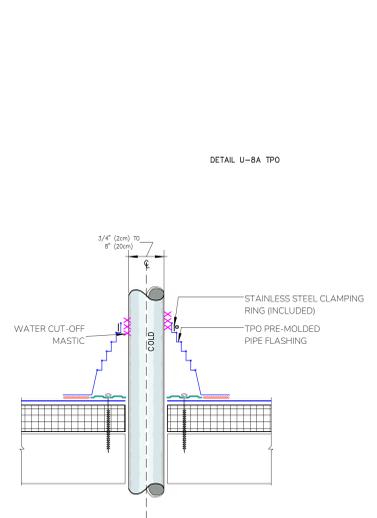
1 ENTRY AWNING @ GL 10
A6.14/ 3" = 1'-0"



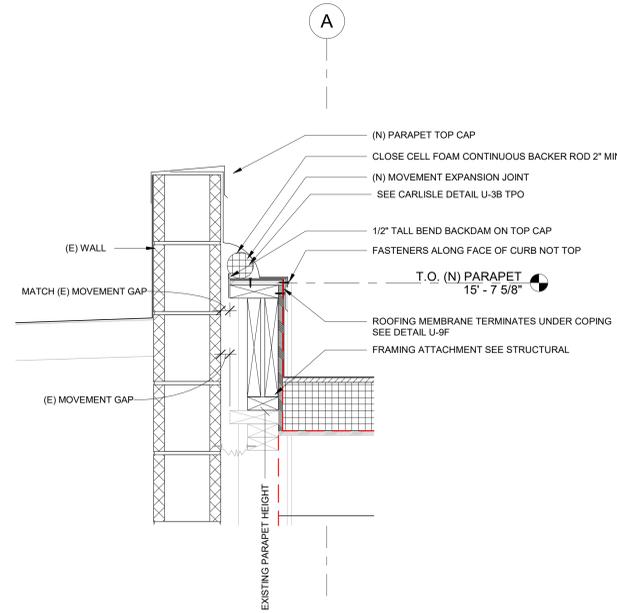
2 ENTRY AWNING
A6.14/ 1 1/2" = 1'-0"



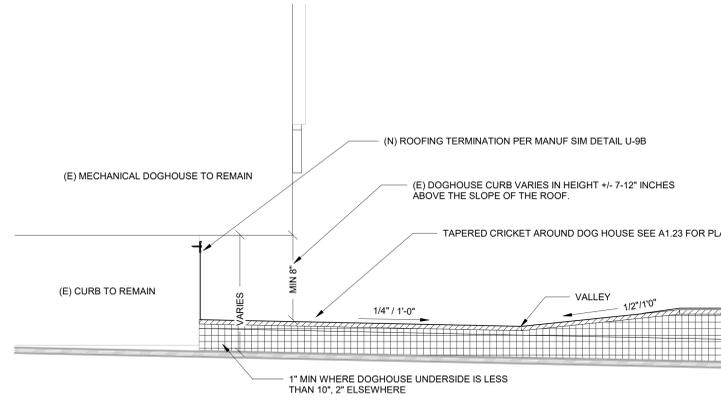
3 COLLECTION BOX
A6.14/ 1 1/2" = 1'-0"



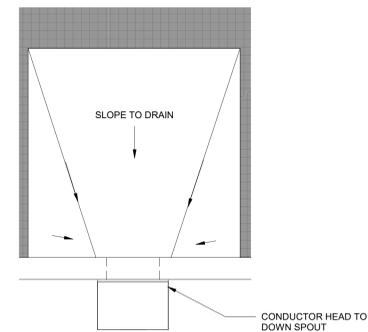
5 PIPE PENETRATION FLASHING
A6.14/ 3" = 1'-0"



6 EXPANSION JOINT GL A (E)
A6.14/ 1 1/2" = 1'-0"



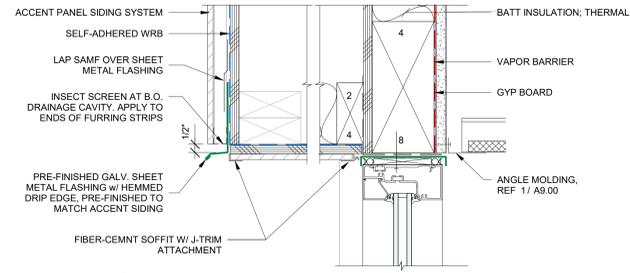
7 E-W DOGHOUSE CURB DETAIL TYP
A6.14/ 1 1/2" = 1'-0"



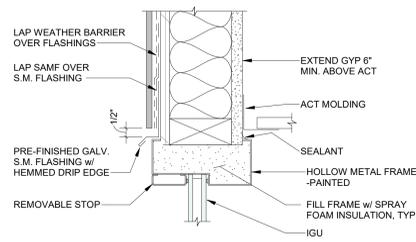
4 ROOF DRAIN SUMP
A6.14/ 3/4" = 1'-0"



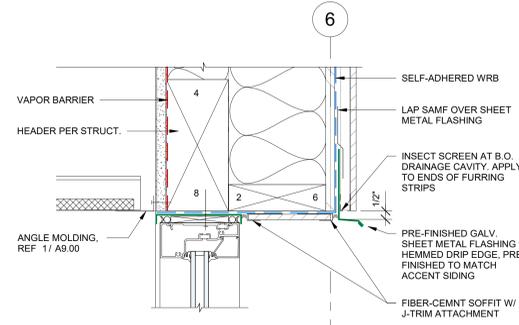
REVISION	DATE
PROJECT NO.	P-2999-25
DRAWN:	JG AJM
CHECKED:	CW WA
DATE:	02-18-2026



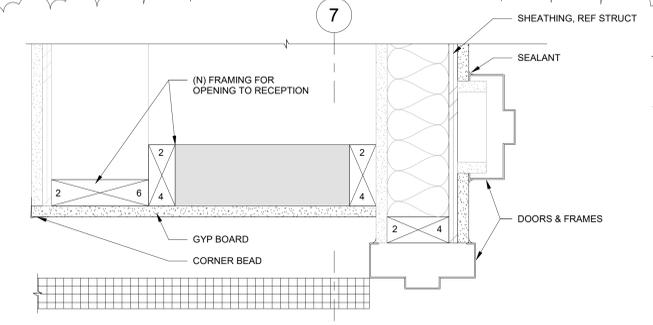
1A WINDOW HEAD, TYP
A8.01 3" = 1'-0"



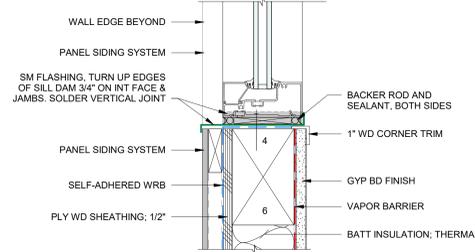
2A HM TRANSOM HEAD, TYP
A8.01 3" = 1'-0"



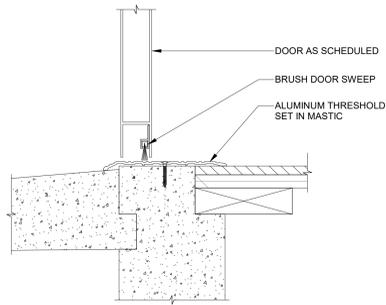
3 WINDOW HEAD @ GL 6
A8.01 3" = 1'-0"



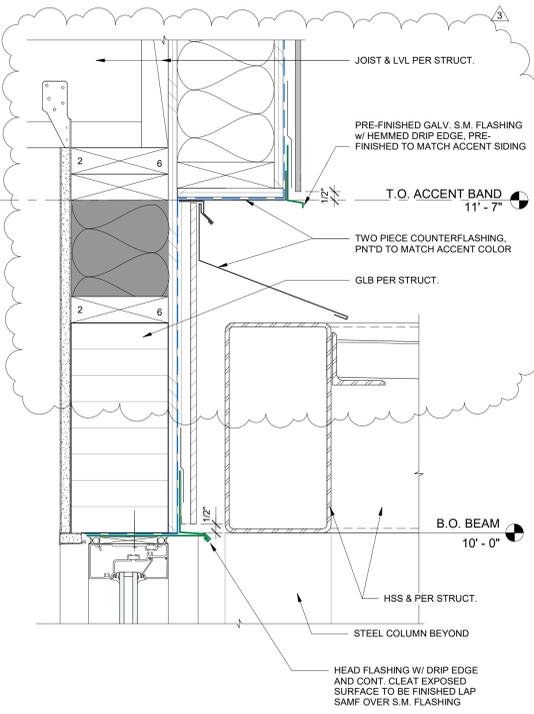
1 DOOR JAMB @ HALL 112
A8.01 3" = 1'-0"



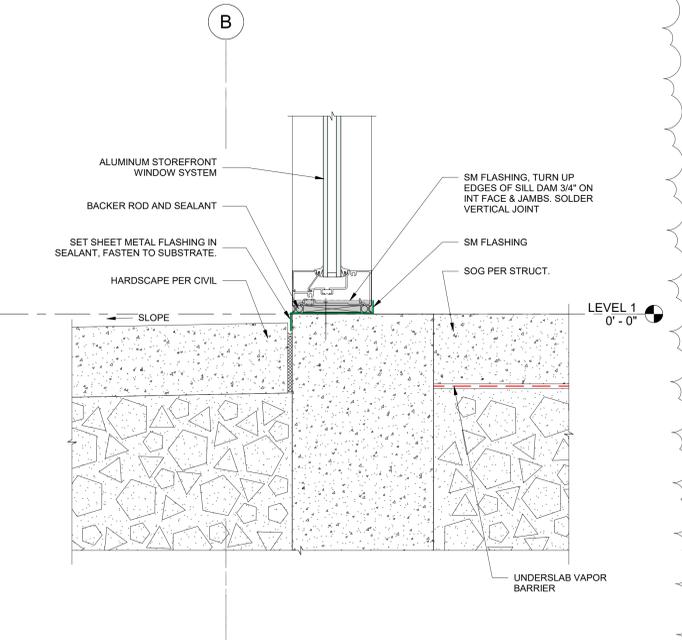
1B WINDOW SILL, TYP
A8.01 3" = 1'-0"



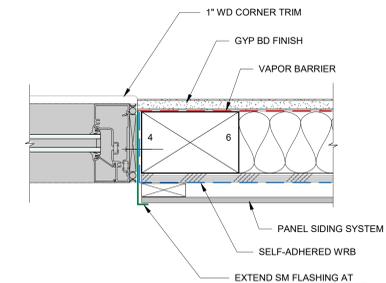
2B HM DOOR SILL, TYP
A8.01 3" = 1'-0"



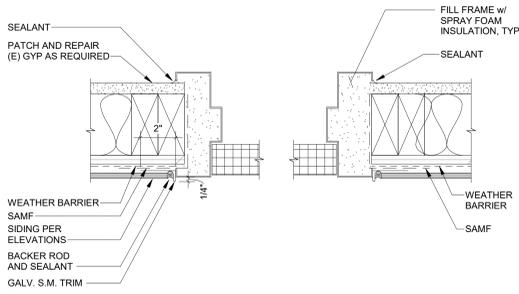
7 WINDOW HEAD @ VESTIBULE
A8.01 3" = 1'-0"



2 WINDOW SILL @ (N) SOG
A8.01 3" = 1'-0"



5 WINDOW JAMB
A8.01 3" = 1'-0"



6 HM DOOR JAMB
A8.01 3" = 1'-0"

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1	ADD 1	26.02.27
3	ADD 3	26.03.11

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	AJM
CHECKED:	CW WA
DATE:	02-18-2026

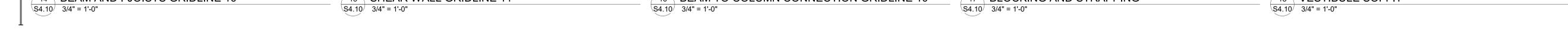
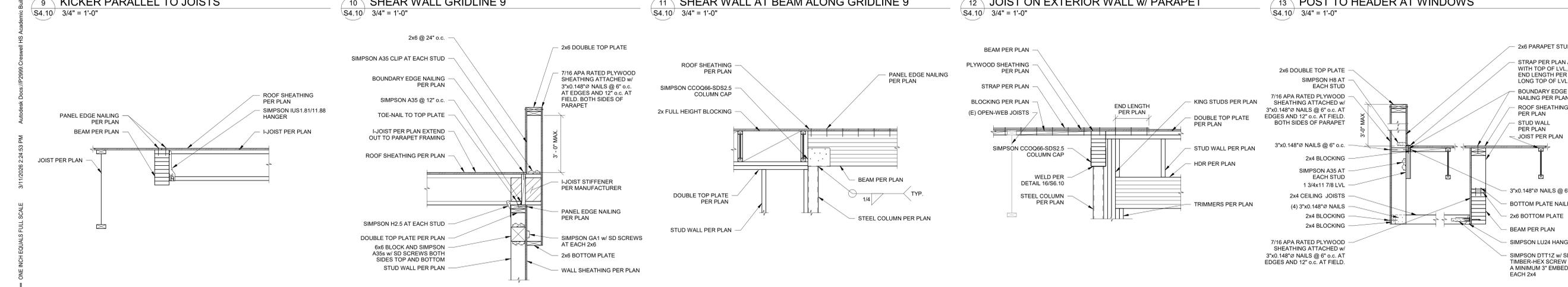
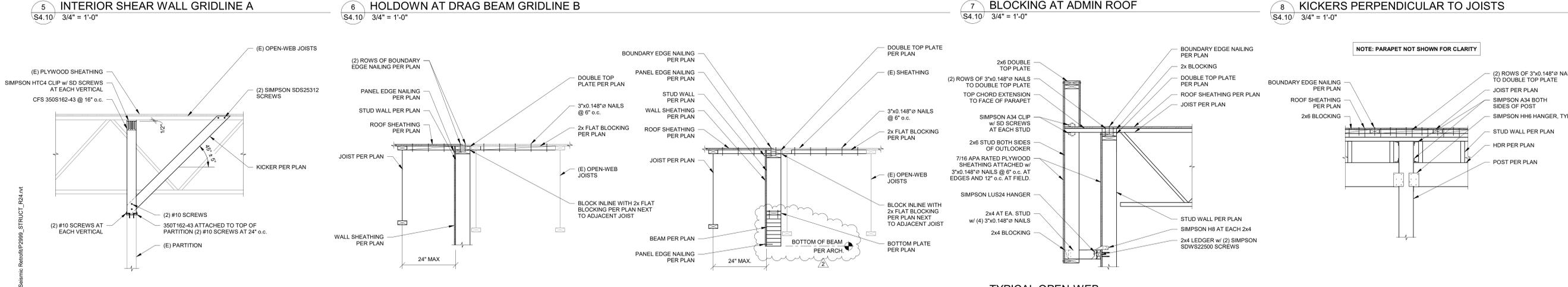
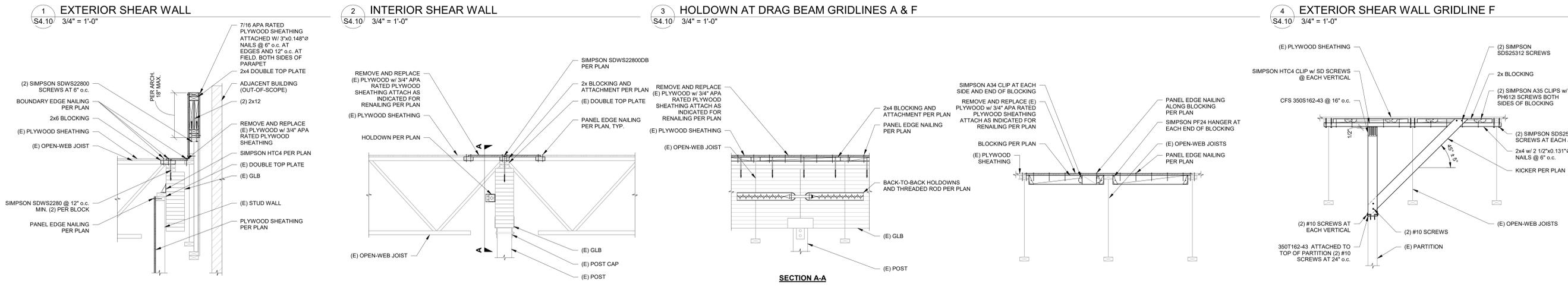
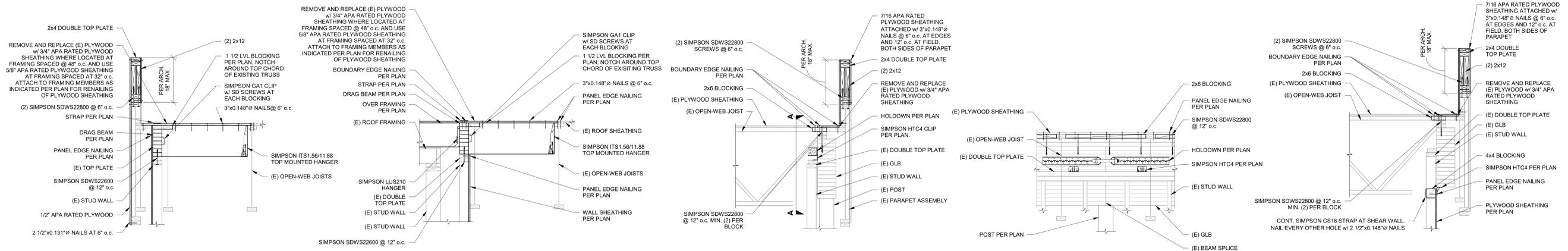
WINDOW/DOOR
DETAILS

A8.01

BID & PERMIT SET

CRESWELL SCHOOL DISTRICT
33390 NIBLOCK LANE
CRESWELL, OR 97426

CRESWELL HS
ACADEMIC BLDG.
SEISMIC RETROFIT



2 ADD 3 26.03.11

REVISION	DATE
PROJECT NO.	P-2999-25
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CHECKED:	
DATE:	02-18-2026

ROOF FRAMING
DETAILS

S4.10

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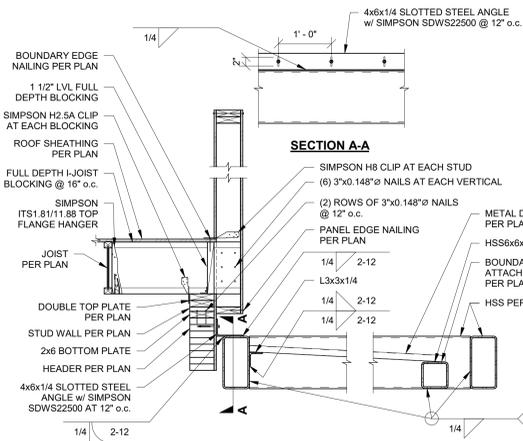


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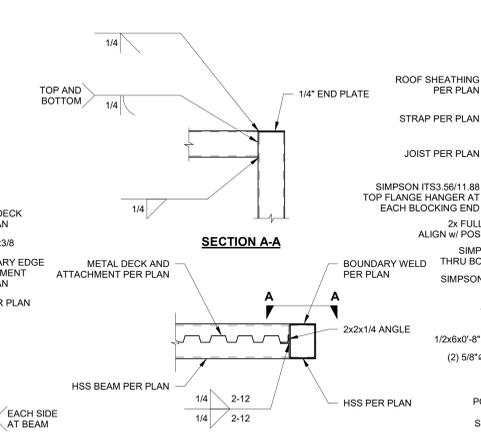


CRESWELL SCHOOL DISTRICT
33390 BLOCK LANE
CRESWELL, OR 97426

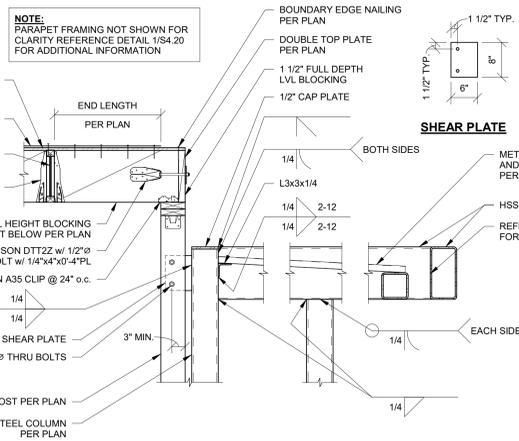
**CRESWELL HS
ACADEMIC BLDG.
SEISMIC RETROFIT**



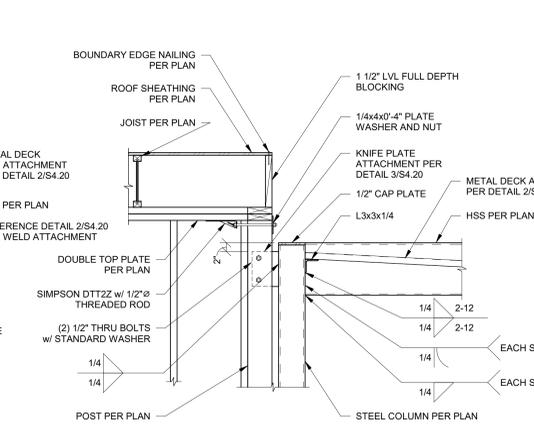
1 CANOPY BEAM
S4.20 3/4" = 1'-0"



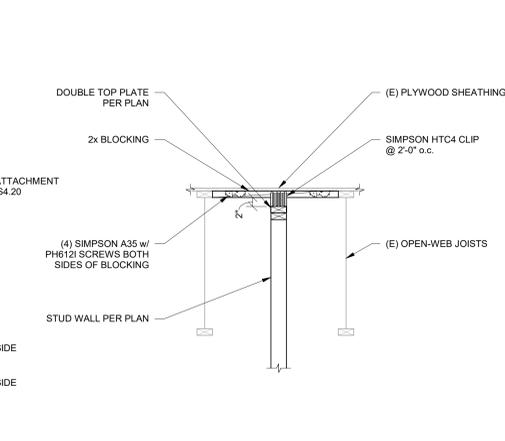
2 CANTILEVER BEAM CONNECTION
S4.20 3/4" = 1'-0"



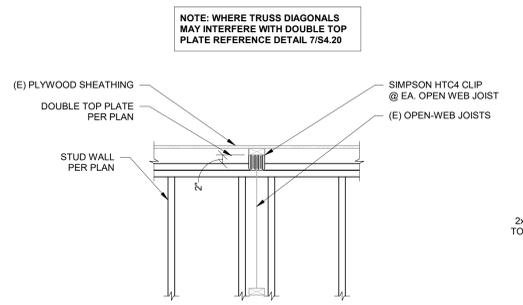
3 STEEL COLUMN AND BEAM
S4.20 3/4" = 1'-0"



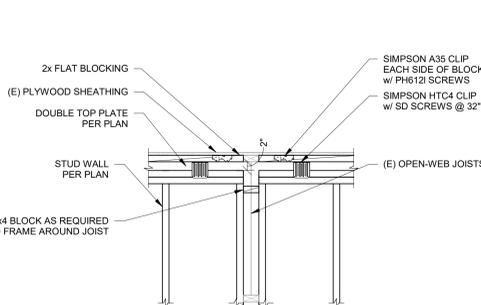
4 CANOPY ATTACHMENT TO VESTIBULE
S4.20 3/4" = 1'-0"



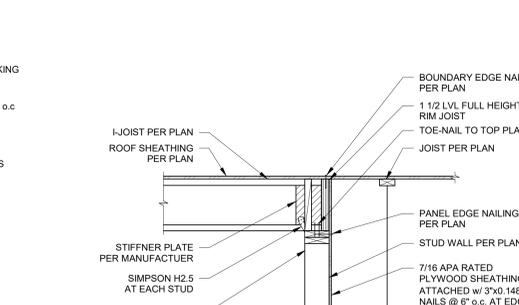
5 NEW PARTITION WALLS PARELELL TO JOISTS
S4.20 3/4" = 1'-0"



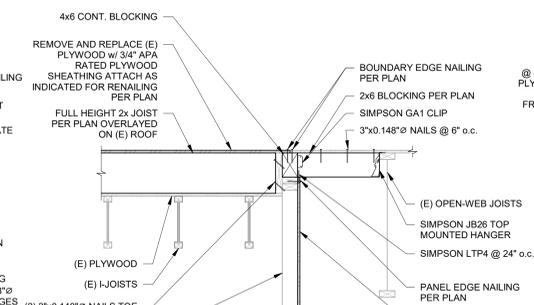
6 NEW PARTITION WALLS PERPENDICULAR TO JOISTS
S4.20 3/4" = 1'-0"



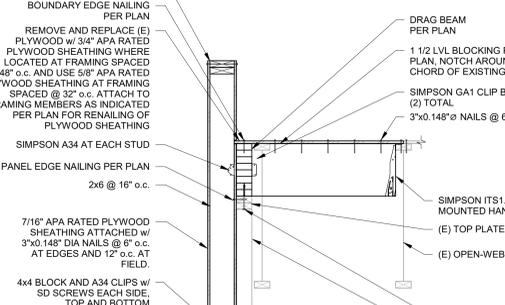
7 ALTERNATE FRAMING AT PERPENDICULAR JOISTS
S4.20 3/4" = 1'-0"



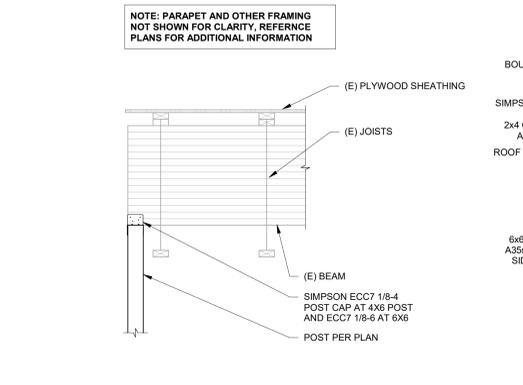
8 PARAPET ATTACHMENT AT ENTRY
S4.20 3/4" = 1'-0"



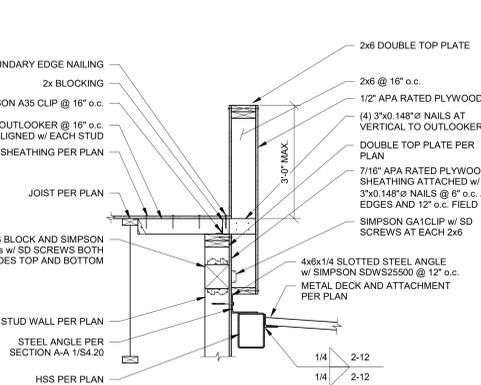
9 ROOF OVERFRAMING AT SHEAR WALL
S4.20 3/4" = 1'-0"



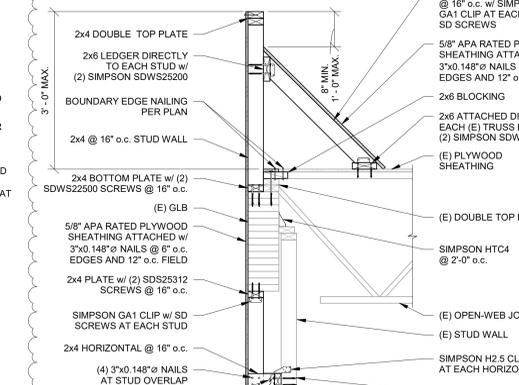
10 DRAG BEAM AND NEW PARAPET GL-6
S4.20 3/4" = 1'-0"



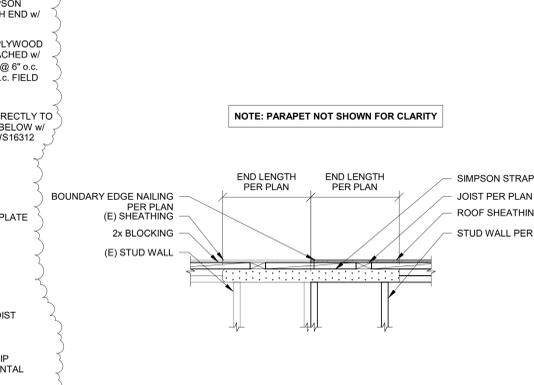
11 POSTS SUPPORTING GLULAM BEAMS AT GRIDLINE-6
S4.20 3/4" = 1'-0"



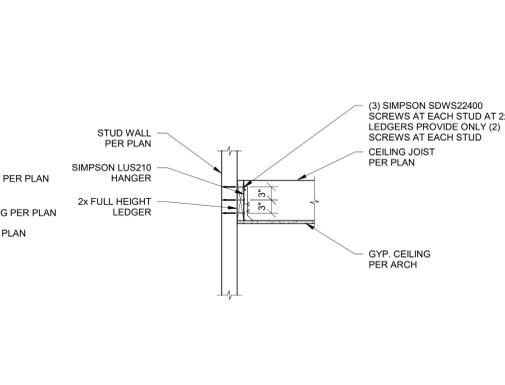
12 PARAPET AT REENTRANT CORNER
S4.20 3/4" = 1'-0"



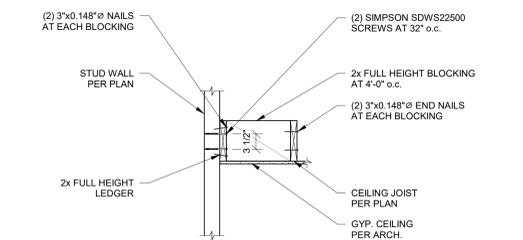
13 PARAPET AT (E) JOISTS
S4.20 3/4" = 1'-0"



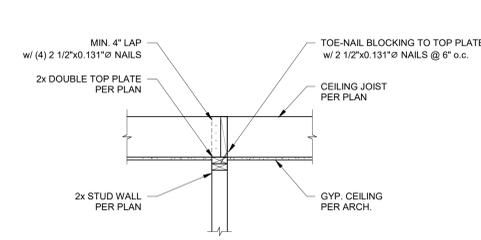
14 STRAPPING FROM (E) STRUCTURE TO ADDITION
S4.20 3/4" = 1'-0"



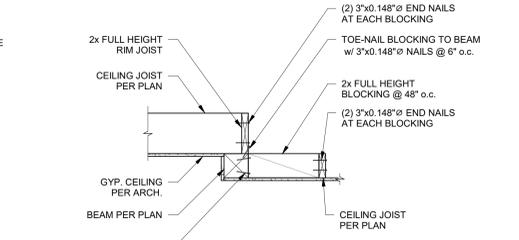
15 LEDGER PERPENDICULAR TO JOISTS
S4.20 3/4" = 1'-0"



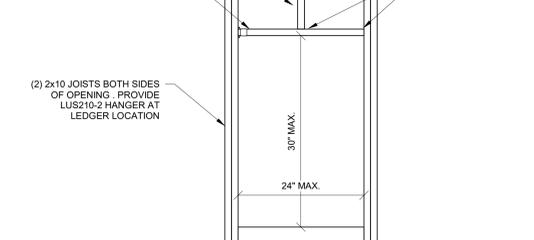
16 LEDGER PARALLEL TO JOISTS
S4.20 3/4" = 1'-0"



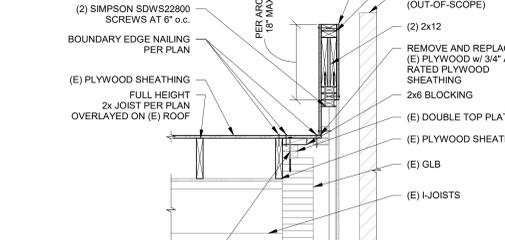
17 CEILING FRAMING OVER WALLS
S4.20 3/4" = 1'-0"



18 CEILING JOISTS AT BEAM
S4.20 3/4" = 1'-0"



19 BLOCKOUT AT CEILING ATTIC HATCHES
S4.20 3/4" = 1'-0"



20 OVERFRAMING AT GRIDLINE A
S4.20 3/4" = 1'-0"



EXPIRES: 06-30-26

2 ADD 3 26.03.11

REVISION	DATE
PROJECT NO.	P-2999-25
DRAWN:	
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DATE:	02-18-2026

ROOF FRAMING DETAILS

S4.20

BID AND PERMIT SET

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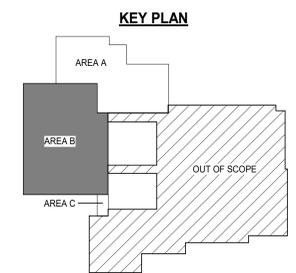
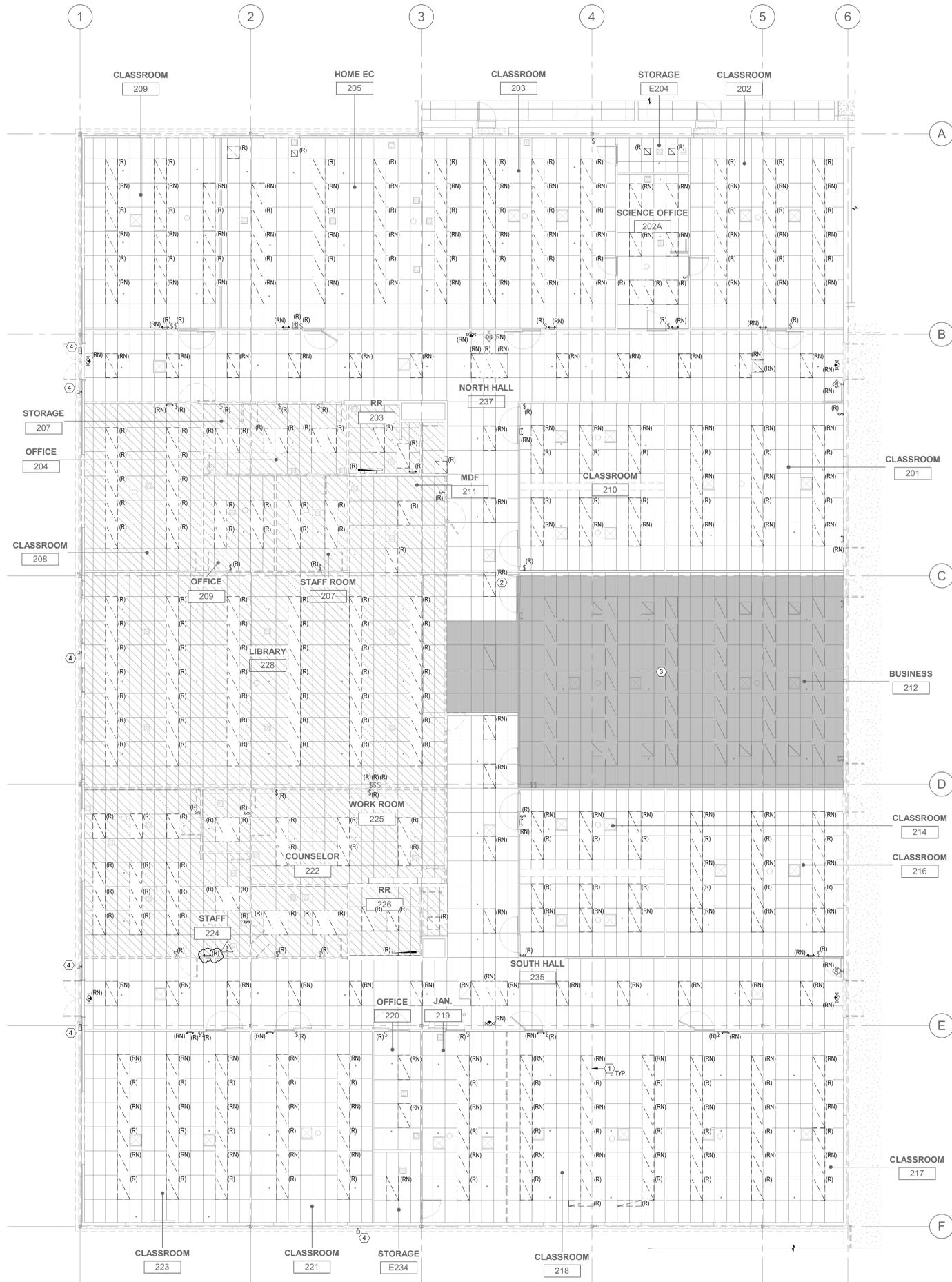


ELECTRICAL DEMOLITION NOTES

- A. DEMOLITION DRAWINGS PRESENT LAYOUT OF EXISTING CONDITIONS AND MAJOR MECHANICAL/ELECTRICAL ITEMS. FIELD VERIFY EXISTING CONDITIONS AND BECOME FAMILIAR WITH EXISTING ELECTRICAL SYSTEM AND DEMOLITION SCOPE BEFORE WORK BEGINS.
- B. ADDITIONAL COMPONENTS MAY EXIST WHICH ARE NOT SHOWN. HANDLE SUCH ITEMS IN A MANNER SIMILAR TO THOSE ITEMS WHICH ARE SHOWN.
- C. REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK.
 - a. REMOVE ALL CONDUIT, WIRE, BOXES, ETC., AS REQUIRED BY WALL AND CEILING DEMOLITION.
 - b. IDENTIFY THE LOCATION OR ITEMS SERVED FOR ALL DISCONNECTED BRANCH CIRCUITS BEFORE DEMOLITION. MAINTAIN CIRCUITS SERVING AREAS BEYOND THE DEMOLITION AREA.
 - c. REMOVE AND REINSTALL CEILING TILES AS REQUIRED TO REMOVE THE ELECTRICAL FACILITIES NOTED. REPLACE CEILING TILES DAMAGED DURING DEMOLITION.
 - d. KEEP EXISTING SYSTEMS OPERATIONAL DURING ALL PHASES OF CONSTRUCTION UNLESS NECESSARY FOR DEMOLITION.
 - e. OBTAIN OWNER'S PERMISSION TO SHUT OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND DEMOLITION AREA. INFORM OWNERS AS TO THE REASON FOR AND THE DURATION OF THE SHUTDOWN.
 - f. REPAIR AT CONTRACTOR'S EXPENSE ANY DAMAGED CONDUIT OR WIRE NOT IDENTIFIED FOR DEMOLITION.
 - g. INSTALL BLANK COVERPLATES/COVERS OVER OPENINGS AT REMOVED DEVICE LOCATIONS.
- D. ALL WIRING FOR REMODELED AREAS SHALL BE NEW UNLESS SPECIFICALLY NOTED OTHERWISE.
- E. PROTECT EXISTING DEVICES IDENTIFIED TO REMAIN OR BE RELOCATED. IF AN EXISTING DEVICE CANNOT BE REINSTALLED NOTIFY DESIGN TEAM DURING DEMOLITION. REPLACE FUNCTIONING ITEMS DAMAGED DURING DEMOLITION.
- F. REMOVED/DISMISSED EQUIPMENT REMAINS THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. VERIFY OWNERS SALVAGE SELECTIONS AND DISPOSE ALL OTHER MATERIALS.
- G. PLAN ABBREVIATIONS:
 - E- EXISTING ITEM TO REMAIN
 - ER- NEW LOCATION OF EXISTING ITEM
 - N- NEW ITEM IN EXISTING LOCATION
 - R- EXISTING ITEM TO BE REMOVED. PATCH AND/OR COVER
 - RR- REPLACE EXISTING WITH NEW
 - RR- EXISTING ITEM TO BE REMOVED AND RELOCATED

KEYNOTES

- 1 REMOVE EXISTING LIGHTING FIXTURE HOUSINGS, LAMPS, BALLASTS, AND ASSOCIATED CONTROLS. MAINTAIN EXISTING BRANCH CIRCUIT WIRING FOR RECONNECTION UNDER NEW WORK. CAP AND SECURE CONDUCTORS AFTER REMOVAL.
- 2 FIXTURE TO BE RELOCATED FOR ABOVE CEILING WORK DURING GENERAL CONSTRUCTION. REFER TO NEW WORK PLAN ON SHEET E1.31 FOR ADDITIONAL INFORMATION. FIXTURE TO BE DEMOLISHED DURING (T) PHASE DEMOLITION.
- 3 SHADED REGION INDICATES AREA THAT WORK WILL BE PERFORMED IN FUTURE (T) PHASE.
- 4 EXISTING EXTERIOR WALL MOUNTED LIGHTING FIXTURE TO BE DISCONNECTED, REMOVED, STORED, AND PROTECTED DURING WALL CONSTRUCTION. MAINTAIN EXISTING CIRCUITING FOR RECONNECTION UPON COMPLETION OF NEW WORK.



1 DEMO RCP AREA B - ELECTRICAL
ED2.11 1/8" = 1'-0"



3 ADD 3 26.03.11

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	SAM
CHECKED:	CAC
DATE:	02-18-2026

DEMO RCP PLAN - AREA B - ELECTRICAL

ED2.11

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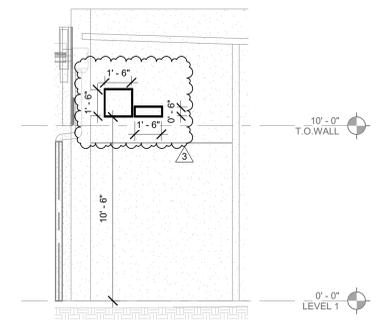


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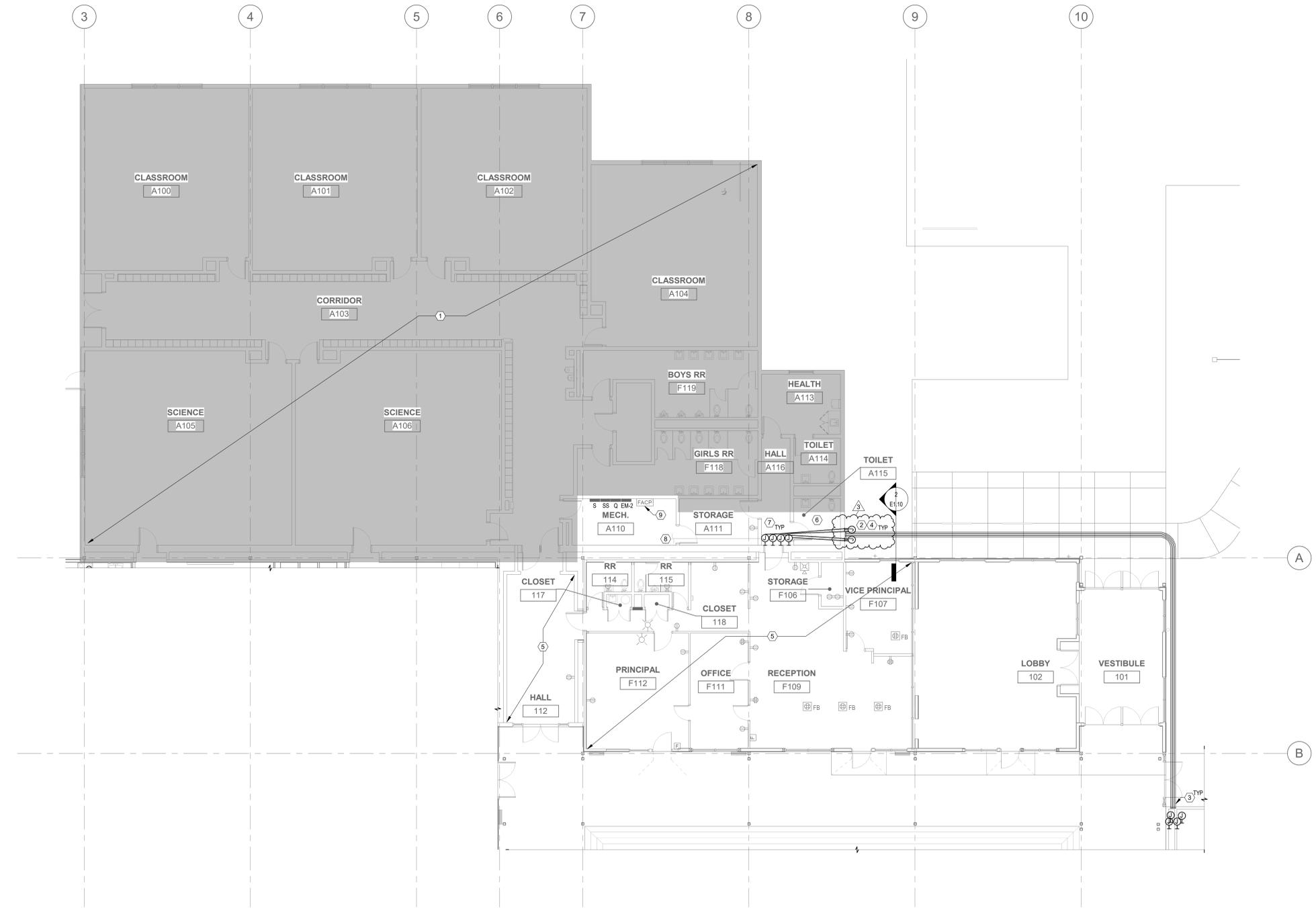
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ACADEMIC
BUILDING
IMPROVEMENT
PROJECT**



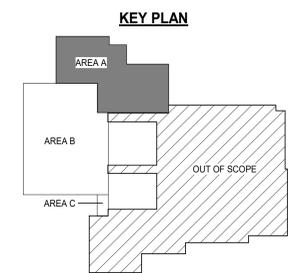
- KEYNOTES**
1. SHOWN HERE INDICATES AREA THIS WORK SHALL BE PERFORMED. PROVIDE (1) EXTERIOR WALL MOUNTED NEMA 3R JUNCTION BOX FOR NORMAL AND EMERGENCY POWER FEEDERS, SIZED PER NEC 314.28, AND (1) 18" x 6" x 6" NEMA 3R WIREWAY/GUTTER WITH INTERNAL METAL DIVIDERS FOR LOW VOLTAGE SYSTEMS AND FIRE ALARM. ELECTRICAL CONTRACTOR SHALL VERIFY FINAL SIZING OF JUNCTION BOX AND GUTTER BASED ON CONDUIT QUANTITY, SIZE, AND CONDUCTOR REQUIREMENTS PER NEC. SECURE ENCLOSURES TO WALL AND SUPPORT INDEPENDENTLY OF CONDUIT. MAINTAIN PHYSICAL SEPARATION OF SYSTEMS USING DIVIDERS. CONDUITS SHALL EXIT BOTTOM OF ENCLOSURES, ROUTE VERTICALLY DOWN EXTERIOR WALL, AND BE SUPPORTED PER NEC 300.11. PROVIDE RIGID METAL CONDUIT WHERE SUBJECT TO PHYSICAL DAMAGE. TRANSITION TO UNDERGROUND RACEWAY AT GRADE AND INSTALL PER NEC 300.5. PROVIDE WEATHER-TIGHT SEALS AT BUILDING PENETRATIONS AND LABEL ENCLOSURES PER SYSTEM SERVED.
 2. PROVIDE NEW CONDUIT TO RECONNECT TO EXISTING JUNCTION BOXES INSIDE BUILDING. MAKE UP NEW AND EXISTING CIRCUITING IN BOX TO PROVIDE CONTINUITY BETWEEN ADMIN BUILDING AND GYM BUILDING. MAINTAIN CIRCUIT IDENTIFICATION AND SYSTEM CONTINUITY. (6) TOTAL CONDUITS SERVE: FIRE ALARM, PA SYSTEM, PANEL S, PANEL Q, PANEL EM2, AND CLOCK SYSTEM.
 3. PROVIDE NEW POWER AND LOW VOLTAGE CIRCUITING TO RECONNECT EXISTING SYSTEMS THROUGH NEW UNDERGROUND ROUTE. EXISTING CIRCUIT COUNT, SIZING, AND CONTINUITY TO MATCH EXISTING.
 4. EXISTING POWER AND SIGNAL DEVICES AND ASSOCIATED CIRCUITING TO REMAIN IN THIS AREA. INTERIOR REMODEL AND RENOVATION WORK TO BE PERFORMED UNDER FUTURE PROJECT PHASE.
 5. OPEN HARD LID CEILING IN TOILET A115 ONLY AS REQUIRED FOR CONDUIT REROUTING TO NEW EXTERIOR JUNCTION BOXES. COORDINATE CEILING PATCH AND REPAIR WITH ARCHITECT.
 6. APPROXIMATE LOCATION OF EXISTING JUNCTION BOXES ABOVE ACCESSIBLE CEILING. FIELD VERIFY EXACT LOCATION.
 7. POWER AND LOW VOLTAGE SYSTEM CIRCUITING CONTINUED TO SOURCE PANELS IN ROOM.
 8. CONNECT NEW FIRE ALARM SIGNALING AND NOTIFICATION DEVICES TO EXISTING FIRE ALARM CONTROL PANEL. FIELD TRACE AND IDENTIFY EXISTING NAC AND SLC CIRCUITS, AND CONFIRM EXISTING CIRCUITS CAN SUPPORT NEW DEVICE PRIOR TO CONNECTION.



2 JUNCTION BOX ELEVATION
E1.10 1/4" = 1'-0"



1 FLOOR PLAN AREA A - ELECTRICAL
E1.10 1/8" = 1'-0"



3 ADD 3 26.03.11

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	SAM
CHECKED:	CAC
DATE:	02-18-2026

FLOOR PLAN - AREA A - ELECTRICAL

E1.10

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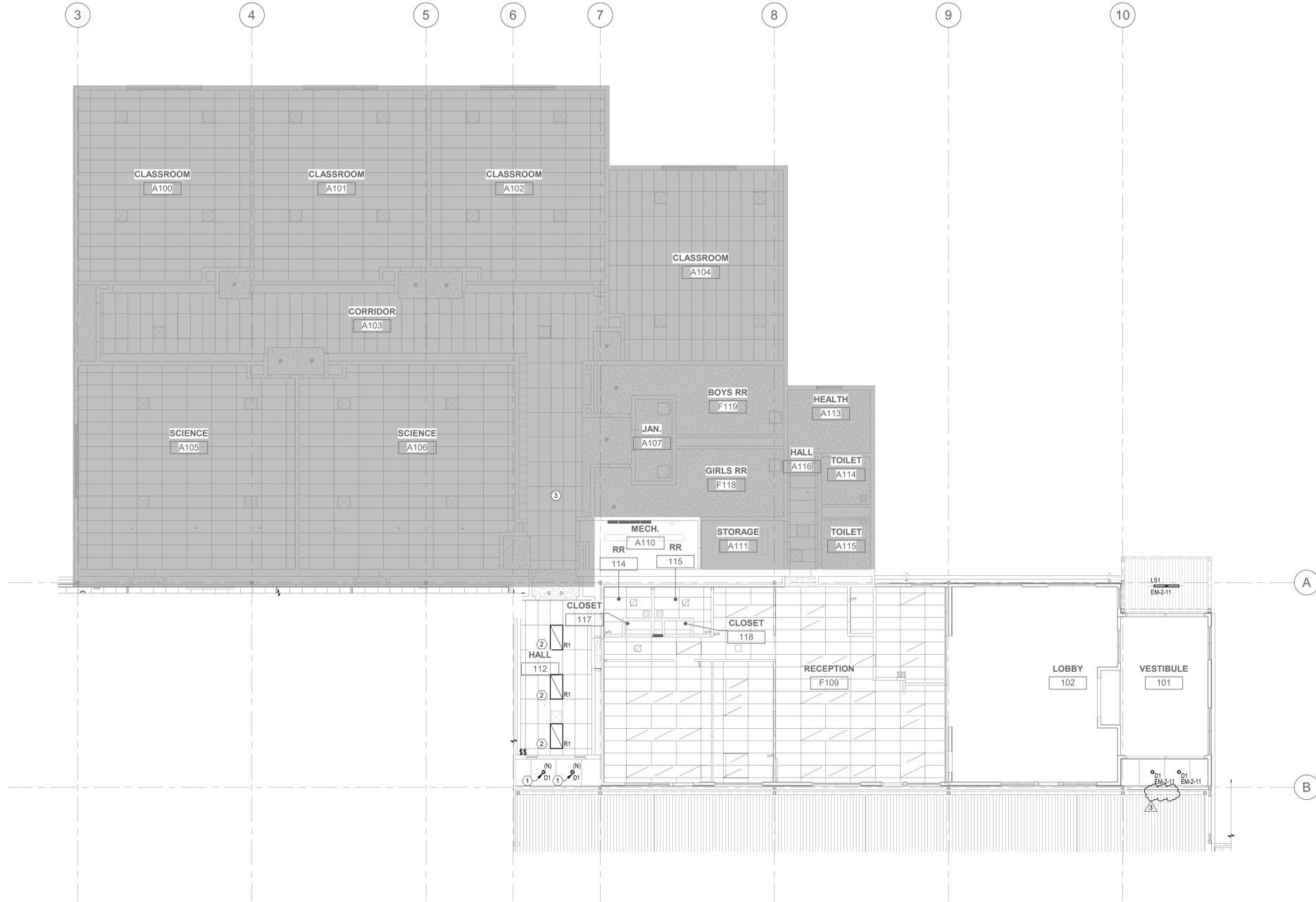


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97401
503-212-4612

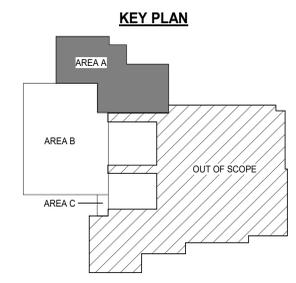
**CRESWELL HS
ACADEMIC
BUILDING
IMPROVEMENT
PROJECT**



- KEYNOTES**
- FOR LIGHTING FIXTURES DENOTED (N), PROVIDE NEW LIGHTING FIXTURE AT LOCATION OF EXISTING. RECONNECT NEW FIXTURE TO EXISTING BRANCH CIRCUIT. MAINTAIN EXISTING CIRCUITING UNLESS OTHERWISE NOTED.
 - CONNECT FIXTURE TO EXISTING LOCAL LIGHTING CIRCUIT.
 - SHADED REGION INDICATES AREA THAT WORK THAT IS NOT IN SCOPE.



1 RCP AREA A - ELECTRICAL
E1.30 1/8" = 1'-0"



3 ADD 3 26.03.11

REVISION	DATE
PROJECT NO. P-2999-25	
DRAWN: Author	
CHECKED: Checker	
DATE: 02-18-2026	

RCP - AREA A - ELECTRICAL

E1.30

BID & PERMIT SET

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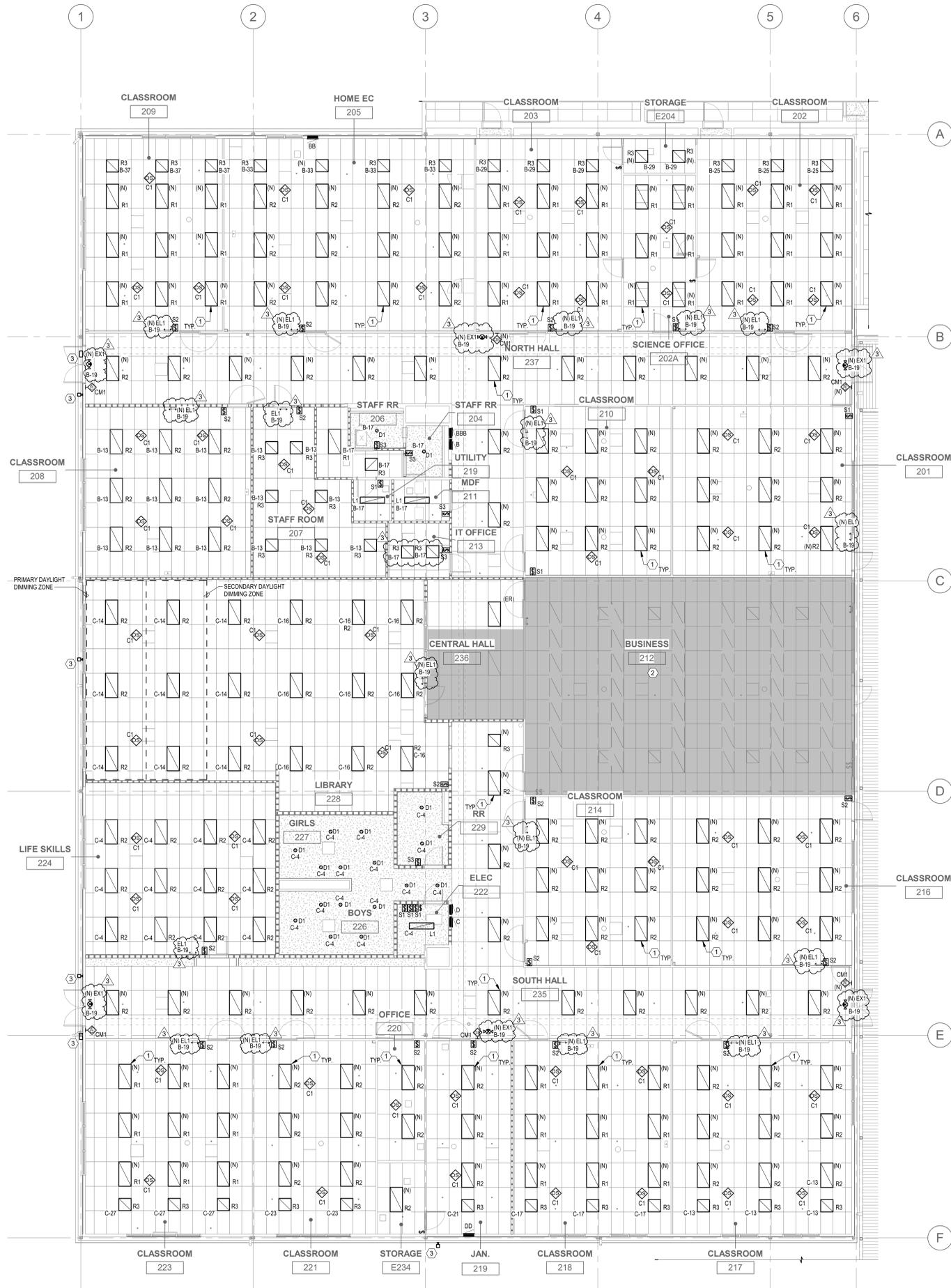
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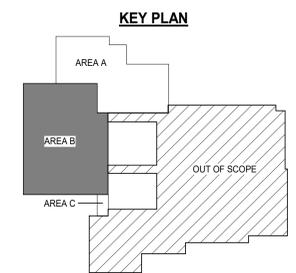
CRESWELL HS ACADEMIC BUILDING IMPROVEMENT PROJECT



- KEYNOTES**
- FOR LIGHTING FIXTURES DENOTED (N), PROVIDE NEW LIGHTING FIXTURE AT LOCATION OF EXISTING. RECONNECT NEW FIXTURE TO EXISTING BRANCH CIRCUIT. MAINTAIN EXISTING CIRCUITING UNLESS OTHERWISE NOTED.
 - SHADED REGION INDICATES AREA THAT WORK WILL BE PERFORMED IN FUTURE T1 PHASE
 - EXISTING EXTERIOR WALL MOUNTED LIGHTING FIXTURE TO BE REINSTALLED AND RECONNECTED TO EXISTING CIRCUIT AND CONTROLS UPON COMPLETION OF NEW WORK.



1 RCP AREA B - ELECTRICAL
E1.31 1/8" = 1'-0"



EXPIRES: 1/23/2027
3 ADD 3 26.03.11

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	SAM
CHECKED:	CAC
DATE:	02-18-2026

RCP - AREA B - ELECTRICAL

E1.31

BID & PERMIT SET

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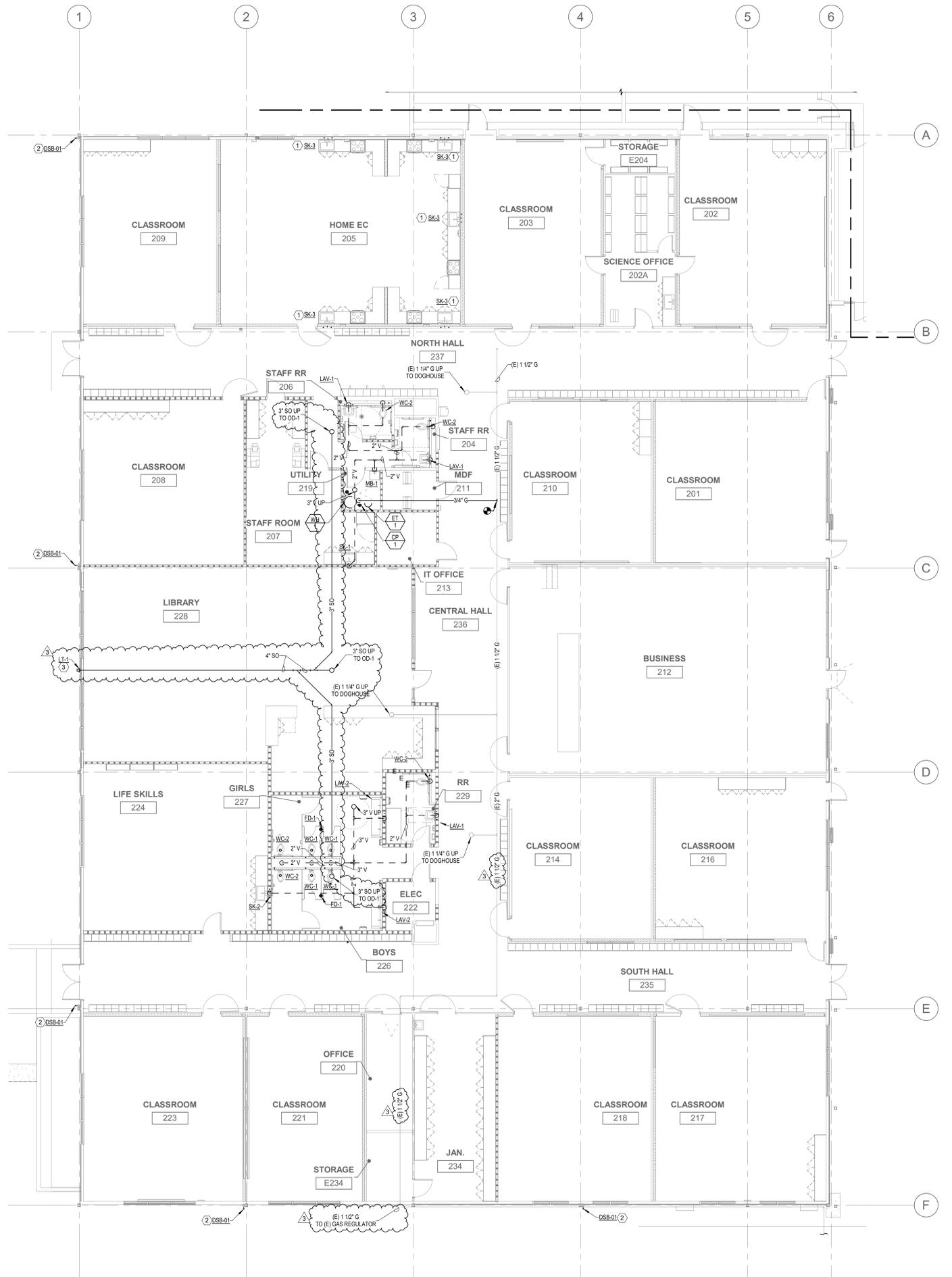
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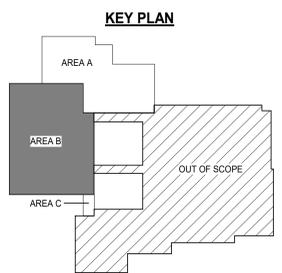
CRESWELL HS ACADEMIC BUILDING IMPROVEMENT PROJECT



- KEYNOTES**
- 1 EXTEND NEW 2" VENT FROM LOCATION OF PREVIOUSLY REMOVED SINK TO CONNECT TO NEW FIXTURE IN NEW LOCATION.
 - 2 SEE ARCHITECTURAL FOR DOWNSPOUT LEADER MATERIAL AND INSTALLATION DETAILS. MODIFY EXISTING STORM PIPING BELOW GRADE AS NEEDED TO MAKE CONNECTION TO NEW STORM PIPING OUT OF DOWNSPOUT BOOT.
 - 3 CONFIRM FINAL MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL.



1 FLOOR PLAN AREA B - PLBG ABOVE GROUND
 P1.13 1/8" = 1'-0"



1	ADD 1	26.02.27
3	ADD 3	26.03.11

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	KTY
CHECKED:	GVM
DATE:	02-18-2026

FLOOR PLAN AREA B - PLBG ABOVE GROUND

P1.13

ONE INCH EQUALS FULL SCALE 3/10/2025 4:10:16 PM Autodesk Docs://P2999-Creswell HS Academic Building Seismic Retrofit/025.07_CHS Admin_MEPT_D04.rvt

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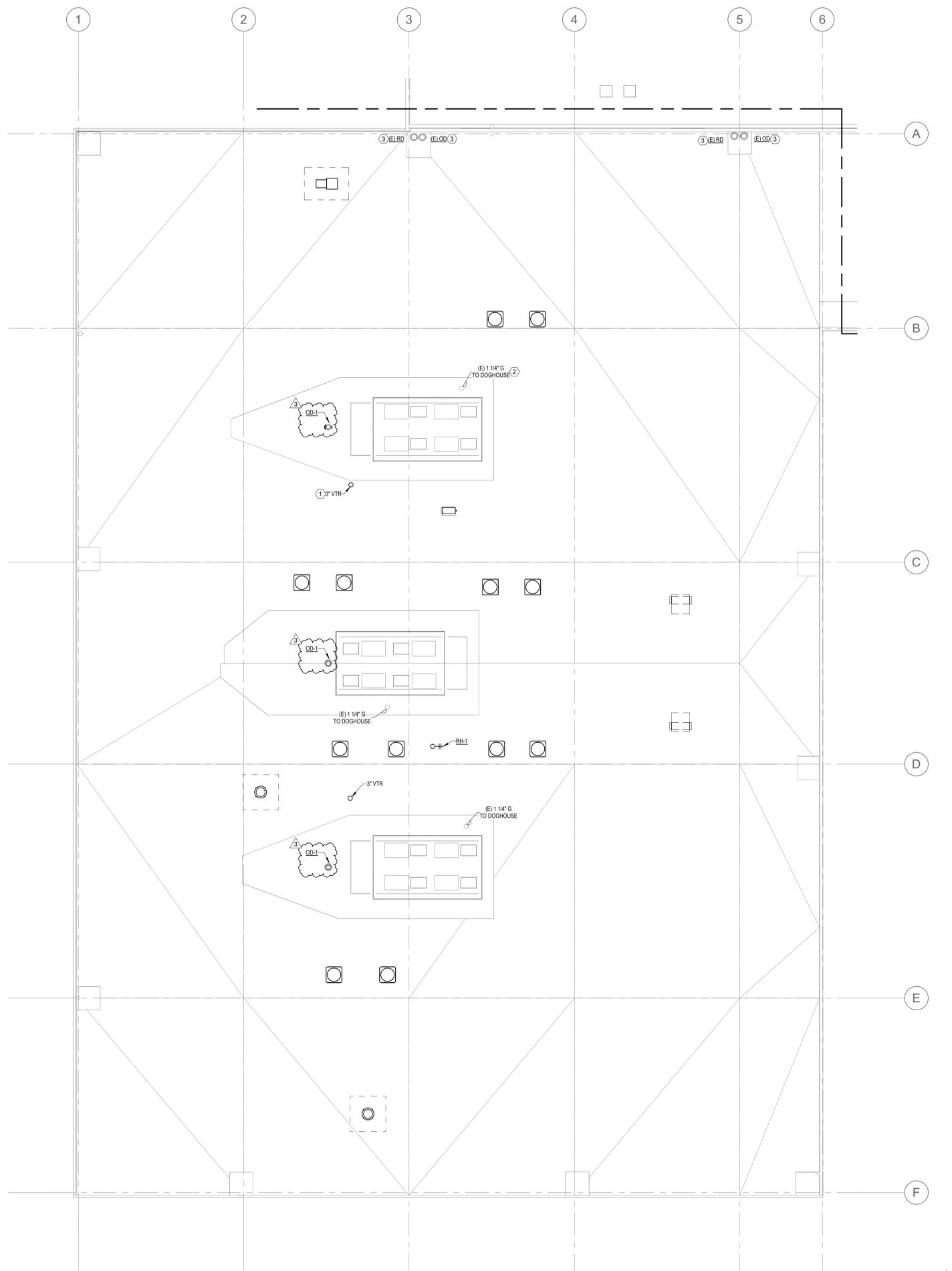


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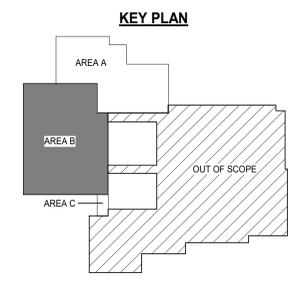
**CRESWELL HS
ACADEMIC
BUILDING
IMPROVEMENT
PROJECT**



- KEYNOTES**
- 1 LOCATE PLUMBING VENTS THRU ROOF MINIMUM 10' FROM OUTSIDE AIR INTAKES. TYPICAL ALL VTRs.
 - 2 RE-INSTALL NATURAL GAS PIPING IF IT WAS PREVIOUSLY REMOVED DURING COIL DEMOLITION AND RE-INSTALLATION. TYPICAL FOR ALL DOGHOUSES.
 - 3 EXTEND HEIGHT OF ROOF DRAINS TO ACCOMMODATE NEW ROOFING. COORDINATE WITH ARCHITECTURAL.



1 ROOF PLAN AREA B - PLBG
P1.22 1/8" = 1'-0"



3 ADD 3 26.03.11

REVISION	DATE
PROJECT NO. P-2999-25	
DRAWN: KTY	
CHECKED: GVM	
DATE: 02-18-2026	

ROOF PLAN - AREA B - PLBG

P1.22

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ONE INCH EQUALS FULL SCALE 3/10/2026 4:03:52 PM Autodesk Docs://P2999-Creswell HS Academic Building Seismic Retrofit/2507_CHS Admin_MEPT_D04.rvt



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**CRESWELL HS
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PLUMBING FIXTURE SCHEDULE

GENERAL:
A. ALL ROUGH-IN SIZES ARE MINIMUM CONNECTION SIZES. REFER TO DRAWINGS FOR FINAL SIZING.
B. ALL VERTICAL WASTE RISERS TO FIXTURES AND ALL BELOW FLOOR WASTE PIPING SHALL BE A MINIMUM OF 2".

NOTES:
1. LISTED FIXTURE AND TRIM ARE BASIS OF DESIGN. REFER TO SPECIFICATIONS FOR APPROVED ALTERNATE MANUFACTURERS. COORDINATE SUBSTITUTIONS WITH ARCHITECT/OWNER.
2. CW/HW TO MIXING VALVE. TEMPERED WATER TO FIXTURE.

REFERENCE				ROUGH-IN				DESCRIPTION	TRIM	NOTES
ID TAG	MANUFACTURER	MODEL	ADA	CW	HW	W	V			
DSB-01	JAY R SMITH	1785	N/A	N/A	N/A	N/A	N/A	CAST IRON BODY AND STRAP WITH 5/16"(8) DIA. CAST HOLES FOR FLAT HEAD BOLTS, TYPICAL. ALL SHAPES UNPAINTED.	PROVIDE WITH 2" CLEANOUT ACCESS.	1
FD-1	JAY R SMITH	2005	N/A	-	-	SEE DWG	-	FLOOR DRAIN WITH CAST IRON BODY, ADJUSTABLE STRAINER HEAD, SEEPAGE OPENINGS, REVERSIBLE COLLAR.	N/A	1
LAV-1	KOHLER	KINGSTON	Y	1/2"	1/2"	2"	1 1/2"	WALL-MOUNT BATHROOM SINK, WHITE VITREOUS CHINA, BOWL AREA 16" X 10". MOUNT WITH CAST IRON WALL BRACKET MOUNTED TO SECURE BACKING.	CHICAGO "802-VCP" DECK-MOUNTED MANUAL FAUCET, ADA COMPLIANT. PROVIDE WITH 1/4-TURN 1/2" X 3/8" LOOSE KEY ANGLE STOPS. CHROME PLATED COPPER TUBE SUPPLY LINES, CHROME P-TRAP, THERMOSTATIC MIXING VALVE AND CHROME ESCUTCHEONS.	1,2
LAV-2	BRADLEY	TLX-3	Y	3/4"	3/4"	2"	1 1/2"	ONE-PIECE 3-STATION WALL-MOUNTED LAVATORY. COMBINED WASTE OPTION. 85 1/4" OVERALL WIDTH. PROVIDE WITH IN WALL LAV CARRIER.	PROVIDE BRADLEY VERGE COORDINATED SOAP DISPENSER AND FAUCET SET, METRO SERIES. PROVIDE WITH OPTIONAL AC ADAPTER AND (1) SPLITTER PER LAVATORY. COORDINATE ALL REQUIRED HOLES IN LAVATORY PRIOR TO ORDERING. PROVIDE WITH 1/4-TURN 1/2" X 3/8" ANGLE STOPS, THERMOSTATIC MIXING VALVES, STAINLESS STEEL FLEXIBLE SUPPLY LINES AND P-TRAPS.	1,2
LT-1	JAY R SMITH	1770	N/A	-	-	SEE DWG	-	CAST BRONZE NOZZLE AND FLANGE LAMBS TONGUE DOWNSPOUT NOZZLE WITH NO HUB OUTLET.	N/A	1
MB-1	EL MUSTEE	63M	N/A	3/4"	3/4"	3"	2"	ONE-PIECE SQUARE STRUCTURAL FIBERGLASS MOP SINK. OVERALL DIMENSIONS 24" X 24" X 10".	EL MUSTEE 63600A SERVICE FAUCET WITH INTEGRAL VACUUM BREAKER, REINFORCING BAR AND PAIL HOOK. PROVIDE SPRING CHECK VALVES ON COLD AND HOT WATER LINES SERVING FAUCET.	1
OD-1	JAY R SMITH	1045	N/A	-	-	SEE DWG	-	DUCO CAST IRON BODY WITH ADJUSTABLE EXTENSION SLEEVE, REVERSIBLE COLLAR, COMBINED FLASHING CLAMP AND 2-1/2" WATER DAM AND CAST IRON DOME.	N/A	1
RH-1	WOODFORD	SRH-MS	N/A	3/4"	-	-	-	ASSE 1057 & 1052 COMPLIANT SANITARY FREEZELESS ROOF HYDRANT	NO DRAIN LINE REQUIRED. ADJUSTABLE LINK FOR POSITIVE LEVER LOCK TENSION. PROVIDE WITH HYDRANT SUPPORT MOUNTING SYSTEM.	1
SK-1	ELKAY	EFRU2816T	N	1/2"	1/2"	2"	1 1/2"	STAINLESS STEEL, SINGLE BOWL, UNDER COUNTER MOUNT KITCHEN SINK AND REAR CENTER DRAIN LOCATION. INTERIOR BOWL DIMENSIONS 28" X 16" X 8".	AMERICAN STANDARD "RENATE" SINGLE-HANDLE GOOSENECK FAUCET WITH PULL-DOWN SPRAY HEAD. BRUSHED NICKEL FINISH. PROVIDE WITH 1/4-TURN 1/2" X 3/8" ANGLE STOPS, STAINLESS STEEL FLEXIBLE SUPPLY LINES. CHROME ESCUTCHEONS. PROVIDE WITH THERMOSTATIC MIXING VALVE.	1
SK-2	ELKAY	EFRU2816T	N	1/2"	1/2"	2"	1 1/2"	STAINLESS STEEL, SINGLE BOWL, UNDER COUNTER MOUNT KITCHEN SINK AND REAR CENTER DRAIN LOCATION. INTERIOR BOWL DIMENSIONS 28" X 16" X 8".	ELKAY LK406GN08T4 4" CENTERSET WITH EXPOSED DECK FAUCET WITH 8" GOOSENECK SPOUT 4" WRISTBLADE HANDLES CHROME. FAUCET HAS A FLOW RATE OF 0.5 GPM, AND IS MADE OF CHROME-PLATED BRASS MATERIAL, WITH A QUARTER TURN CERAMIC DISC VALVE. FAUCET REQUIRES 2 FAUCET HOLES. PROVIDE WITH 1/4-TURN 1/2" X 3/8" ANGLE STOPS, STAINLESS STEEL FLEXIBLE SUPPLY LINES. CHROME ESCUTCHEONS AND THERMOSTATIC MIXING VALVE.	1,2
SK-3	ELKAY	ELUHH30177PD	N	1/2"	1/2"	2"	1 1/2"	ELKAY ELUHH30177PD LUSTERTONE ICONIX® 16 GAUGE STAINLESS STEEL, 32-1/2" X 19-1/2" X 9" SINGLE BOWL UNDERMOUNT SINK WITH PERFECT DRAIN®. SINK IS MANUFACTURED FROM 16 GAUGE 304 STAINLESS STEEL WITH A LUMINOUS SATIN FINISH. REAR CENTER DRAIN PLACEMENT, AND SIDES AND BOTTOM PADS.	ELKAY LK4V4061 AVAD0® SINGLE HOLE KITCHEN FAUCET WITH SEMI-PROFESSIONAL SPOUT FORWARD ONLY LEVER HANDLE. FAUCET HAS A FLOW RATE OF 1.5 GPM, AND IS MADE OF BRASS MATERIAL, WITH A CERAMIC DISC VALVE. FAUCET REQUIRES 1 FAUCET HOLES. PROVIDE WITH 1/4-TURN 1/2" X 3/8" ANGLE STOPS, STAINLESS STEEL FLEXIBLE SUPPLY LINES, CHROME ESCUTCHEONS AND THERMOSTATIC MIXING VALVE.	1
WC-1	AMERICAN STANDARD	MADERA	N	1"	-	3"	2"	1.28 GPF FLOOR MOUNT FLUSHOMETER VALVE TOILET. WHITE VITREOUS CHINA. TOP SPUD, BOTTOM OUTLET.	SLOAN ROYAL 111, 1.28 GPF, EXPOSED, MANUAL FLUSH VALVE. BEMIS OPEN-FRONT WHITE TOILET SEAT.	1
WC-2	AMERICAN STANDARD	MADERA	Y	1"	-	3"	2"	1.28 GPF FLOOR MOUNT FLUSHOMETER VALVE TOILET, ADA HEIGHT. WHITE VITREOUS CHINA. TOP SPUD, BOTTOM OUTLET.	SLOAN ROYAL 111, 1.28 GPF, EXPOSED, MANUAL FLUSH VALVE. BEMIS OPEN-FRONT WHITE TOILET SEAT.	1

WATER HEATER SCHEDULE

NOTES:
1. PROVIDE WITH ASME RATED T&P RELIEF VALVE
2. UNIT TO MEET REQUIREMENTS OF 2022-ASHRAE 90.1.
3. WATER HEATER TO BE ASME RATED.
4. PROVIDE WITH CAT IV POLYPRO M & G DURAVENT CONCENTRIC VENT KIT AND CONDENSATE NEUTRALIZATION KIT.
5. SET STORAGE TEMPERATURE TO 130°F.

REFERENCE				DIMENSIONS			CAPACITY		GAS WATER HEATER				ELECTRICAL		NOTES	
ID TAG	MANUFACTURER	MODEL	LOCATION	SERVED	DIAMETER (IN)	HEIGHT (IN)	WEIGHT (LB)	SIZE (GAL)	RECOVERY GPH 90°F RISE	INPUT (MBH)	THERMAL EFFICIENCY (%)	COMBUSTION AIR INTAKE SIZE (IN)	COMBUSTION FLUE OUTLET SIZE (IN)	VOLTAGE (V)		PHASE
WH-1	AO SMITH	BTH-150	UTILITY ROOM	ACADEMIC WING	28	77	600	100	192	150	95	3	3	120	1	1,2,3,4,5

DOMESTIC CIRCULATION PUMP SCHEDULE

NOTES:
1. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT.
2. PROVIDE WITH LINE-VOLTAGE, UL LISTED, STRAP-ON AQUASTAT WITH REMOTE SENSOR. INSTALL PER MANUFACTURER RCOMMENDATIONS.
3. PUMP TO CYCLE ON/OFF WITH AQUASTAT.
4. PUMP RATED FOR 175 PSIG AT 230° F.

REFERENCE				MECHANICAL				ELECTRICAL				NOTES
ID TAG	MANUFACTURER	MODEL	SERVES	LOCATION	PUMP TYPE	FLOW RATE (GPM)	OPERATING PRESSURE (FT. HEAD)	VOLTAGE (V)	PHASE	FREQUENCY (HZ)		
CP-1	BELL AND GOSSETT	ECOCIRC XL N 36-45	DOMESTIC HOT WATER SYSTEM	UTILITY 219	INLINE	8.5	18	120	1	60	1,2,3,4	

EXPANSION TANK SCHEDULE

NOTES:
1. ASME RATED TANK IS REQUIRED.
2. CARBON STEEL SHEEL WITH HEAVY DUTY BUTYL INTERIOR.

REFERENCE				WEIGHT (LBS)	MAX DESIGN PRESSURE (PSI)	MIN ACCEPTANCE VOLUME (GAL)	PIPE CONNECTION SIZE (IN)	PIPE CONNECTION TYPE	NOTES
ID TAG	MANUFACTURER	MODEL	SERVES						
ET-1	WESSELS	TXA-35	DOMESTIC HOT WATER SYSTEM	40	150	10	0.75	THREADED	1,2

PLUMBING PIPING AND INSULATION SCHEDULE

NOTES:
1. ALL PIPING UTILIZED FOR POTABLE WATER SHALL MEET NSF 14, 61 AND 372. PUSH TO CONNECT / PUSH ON TYPE JOINTS ARE NOT ALLOWED. REFER TO SPECIFICATIONS FOR FURTHER JOINT AND MATERIAL REQUIREMENTS.
2. REFER TO SPECIFICATIONS FOR FURTHER INSULATION REQUIREMENTS. INSULATION R-VALUE SHALL MEET ASHRAE 90.1-2022 REQUIREMENTS.
3. ALL VALVES UTILIZED IN POTABLE WATER SYSTEMS SHALL MEET NSF 61 AND 372. REFER TO SPECIFICATIONS FOR FURTHER VALVE REQUIREMENTS.
4. EXPOSED PIPING MOUNTED LESS THAN 6'-0" ABOVE FINISHED FLOOR SHALL HAVE PVC JACKET.
5. INSULATION APPLIED TO PIPING THAT IS LOCATED IN RETURN AIR PLENUMS SHALL MEET ASTM E 84 25/50 FLAME AND SMOKE SPREAD RATING AND COMPLY WITH NFPA STANDARD 90A.
6. VENT PIPING SHALL BE INSULATED A MINIMUM OF 5'-0" FROM EXTERIOR WALL OR ROOF PENETRATION.

SYSTEM	SIZE RANGE (INCHES)	LOCATION	PIPE MATERIAL	JOINT TYPE	VALVE TYPES	INSULATION TYPE	INSULATION THICKNESS (INCHES)	JACKET	NOTES
DOMESTIC COLD WATER	3/4 - 1 1/4	ABOVE GROUND	TYPE L COPPER	SOLDER/PRESSURE SEAL	BRONZE BALL W/ SS TRIM	MINERAL FIBER	1/2	PVC	1,2,3,4,5
DOMESTIC COLD WATER	1 1/2 - 2	ABOVE GROUND	TYPE L COPPER	SOLDER/PRESSURE SEAL	BRONZE BALL W/ SS TRIM	MINERAL FIBER	1	PVC	1,2,3,4,5
DOMESTIC HOT WATER RETURN	3/4 - 1 1/2	ABOVE GROUND	TYPE L COPPER	SOLDER/PRESSURE SEAL	BRONZE BALL W/ SS TRIM	MINERAL FIBER	1	PVC	1,2,3,4,5
DOMESTIC HOT WATER	1 1/2 - 2	ABOVE GROUND	TYPE L COPPER	SOLDER/PRESSURE SEAL	BRONZE BALL W/ SS TRIM	MINERAL FIBER	1 1/2	PVC	1,2,3,4,5
NATURAL GAS	ALL	ABOVE GROUND	BLACK STEEL; SCHEDULE 40; ASTM A53	THREADED OR WELDED	BRONZE BALL W/ SS TRIM; MALLEABLE IRON FITTINGS FOR THREADED; WROUGHT STEEL FITTINGS FOR WELDED	NONE	-	-	-
SANITARY	1 1/2 - 8	ABOVE GROUND	CAST IRON; CISPI 301	S.S. CLAMP AND SHIELD; CAST IRON HUBLESS FITTINGS	N/A	-	-	-	-
VENT	1 1/4 - 6	ABOVE GROUND	CAST IRON; CISPI 301	S.S. CLAMP AND SHIELD; CAST IRON HUBLESS FITTINGS	N/A	NONE	-	-	6



EXPIRES: 06/30/26
3 ADD 3 26.03.11

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	KTY
CHECKED:	GVM
DATE:	02-18-2026

SCHEDULES

P7.00

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TECHNOLOGY GENERAL NOTES

- ALL NOTES APPLY TO THE FOLLOWING SERIES SHEETS: T SERIES
- COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND PROCEED ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHITECTURE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.
- INCORPORATE THE REQUIREMENTS OF THE SPECIFICATIONS, DRAWINGS, AND STATE AND LOCAL CODES INTO THE INSTALLATION OF COMMUNICATIONS AND LIFE SAFETY/SECURITY SYSTEMS.
- EACH TRADE IS RESPONSIBLE FOR MAKING PENETRATIONS WHERE REQUIRED IN EXISTING OR NEW WALLS, FLOORS, CEILINGS, AND ROOFS. MAKE PENETRATIONS NEAT, CONCEAL OR CAULK OVER/CUT.
- PROVIDE A PULL STRING IN ALL NEW CONDUITS FOR EASE OF CABLE INSTALLATION.

COMMUNICATIONS DEMOLITION NOTES

- ALL EXISTING DEVICES AND DEVICE LOCATIONS WERE MADE BY CASUAL FIELD OBSERVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING SYSTEM COMPONENTS AND DEVICE LOCATIONS.
- PROVIDE LABOR AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.
- SYSTEMS SCHEDULED TO BE REMOVED SHALL BE DONE SO IN THEIR ENTIRETY. ABANDONED CABLEING SHALL NOT BE ACCEPTED. REMOVE ALL ASSOCIATED FIELD DEVICES AND HEAD END EQUIPMENT.
- REMOVED EQUIPMENT AND SYSTEMS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. MATERIALS NOT SALVAGED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR PROPER DISPOSAL.
- REMOVE AND REINSTALL CEILING TILE REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. DAMAGED CEILING TILE SHALL BE REPLACED TO MATCH EXISTING.
- DO NOT CUT EXISTING TELECOMMUNICATIONS WIRING, CABLES OR CONDUIT AS EXISTING SYSTEMS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR WHO CUTS IN-SERVICE CABLES SHALL BE RESPONSIBLE FOR DOWNTIME AND THE COSTS TO REPAIR.
- COORDINATE WITH OWNER ON CLOCK, PAGING, SECURITY, AND AUDIO VIDEO EQUIPMENT/CABLEING THAT NEEDS TO REMAIN PRIOR TO REMOVING ANY EQUIPMENT OR CABLEING.

GROUNDING & BONDING NOTES

- INSTALLATION OF THE COMMUNICATIONS GROUNDING AND BONDING SYSTEM SHALL BE COMPLIANT WITH TIA-607-D. REFER TO SPECIFICATION 27.05.26 FOR ADDITIONAL INFORMATION.
- ENSURE THE MAIN BUILDING AC GROUND IS THOROUGHLY EXAMINED PRIOR TO INSTALLING THE TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO THE PRIMARY BONDING BUSBAR (PBB).
- THE TBC SHALL NOT EXCEED 30 FEET AND SHALL BE EQUAL IN SIZE (GAUGE) TO THE LARGEST TELECOMMUNICATIONS BONDING BACKBONE (TBB) CONDUCTOR. CONTRACTOR IS ENCOURAGED TO INSTALL THE PRIMARY BONDING BACKBONE (PBB) INSIDE THE MAIN ELECTRICAL ROOM TO KEEP TBC DISTANCES SHORT.
- APPLY ANTI-CORROSION/OXIDATION COMPOUND TO THE LUG AND LUG SURFACE OF EACH TELECOMMUNICATIONS BUSBAR.

CABLING NOTES

- CATEGORY CABLEING SERVING DATA AND VOICE APPLICATIONS SHALL BE TESTED TO ENSURE ALL ELECTRICAL CHARACTERISTICS ARE COMPLIANT WITH THE SPECIFIED CLASSIFICATION (AND/OR RA). UTILIZE FLUKE DSX EQUIPMENT OR EQUIVALENT AND PROVIDE ELECTRONIC RESULTS DURING CLOSEOUT PROCEDURES. ANY INSTANCE OF CABLEING FAILING THE PERFORMANCE TEST SHALL BE RECTIFIED BY THE CONTRACTOR THROUGH RE-TERMINATION OR RUNNING NEW CABLEING AT NO COST TO THE OWNER.
- PROVIDE A CERTIFIED INSTALLATION BY THE MANUFACTURER. ENSURE THE WARRANTY IS PROVIDED AS THE SPECIFICATIONS REQUIRE.
- WILD RETURN AIR IS EXPECTED IN THE PLENUM SPACES OF THIS PROJECT. THEREFORE, PROVIDE PLENUM RATED CABLEING FOR ALL FLOWN INFRASTRUCTURE IN THE ABOVE ACCESSIBLE CEILING SPACES.

GENERAL PURPOSE PAGING SYSTEMS NOTES

- PAGING SYSTEM EQUIPMENT AND SPEAKERS TO BE PROTECTED DURING CONSTRUCTION. EXISTING SPEAKERS TO BE REUSED WHERE APPLICABLE.
- WHERE CEILING IS TO BE REMOVED, REMOVE SPEAKER FROM CEILING TILE AND SUSPEND SPEAKER FROM STRUCTURE. REINSTALL SPEAKER INTO NEW CEILING TILE WHEN NEW CEILING IS INSTALLED.
- ANY SPEAKERS FULLY REMOVED BECAUSE OF DEMOLITION, TO BE REUSED IN NEW LOCATION. EXTEND WIRING FROM ORIGINAL LOCATION TO NEW LOCATION AS SHOWN ON DRAWINGS.

TELECOMMUNICATIONS DISTRIBUTION NOTES

- PROVIDE PENETRATIONS AND PATHWAYS AS REQUIRED TO ROUTE ALL CABLEING INFRASTRUCTURE ILLUSTRATED IN THE DRAWINGS. TREAT EACH NEW PENETRATION AS A 1-HOUR FIRE RATED WALL UNLESS OTHERWISE NOTED. PROVIDE REQUIRED FIRE STOPPING TO MAINTAIN THIS RATING.
- REAM CONDUIT TO REMOVE BURRS AND ROUGH EDGES. PROVIDE A PROTECTIVE BUSHING AT THE END OF ANY CONDUIT STUB TO PROTECT CABLEING INFRASTRUCTURE.
- PROVIDE CABLE SUPPORT FOR ROUTING ALL NEW INFRASTRUCTURE. INSIDE OF ABOVE ACCESSIBLE CEILING SPACES, CABLEING CAN BE FLOWN FREE-AIR UTILIZING J-HOOKS, BRIDLE RINGS AND OTHER ACCESSORIES TO SUPPORT CABLEING. CABLE SHALL NOT BE ALLOWED TO REST ON TOP OF CEILING TILES OR TO UTILIZE GRID SUPPORT SYSTEM.
- ALL OPEN CEILING AREAS SHALL HAVE CABLEING CONCEALED IN CONDUIT. EXPOSED CABLEING SHALL NOT BE ACCEPTED.
- ROUTE CONDUIT SERVING WORK AREA OUTLET DATA DIRECTLY TO THE CABLE TRAY. CONDUIT STUB SHALL BE DIRECTLY OVERHEAD OF THE TRAY TO ALLOW FOR CONVENIENT FUTURE MOVE, ADDS OR CHANGES.

EQUIPMENT ROOM FITTINGS NOTES

- TELECOMMUNICATIONS ROOM LAYOUT SHALL BE APPROVED BY THE OWNER PRIOR TO ANCHORING OR INSTALLING EQUIPMENT. PROVIDE A PRE-CONSTRUCTION COORDINATION MEETING AND INCLUDE DESIGN TEAM AND OWNER TO ENSURE PROPER CONFIGURATION OF SCHEDULED EQUIPMENT. ROOM LAYOUT ILLUSTRATED IN THE DRAWINGS IS FOR BID PURPOSES ONLY.
- BIDDING CONTRACTOR SHALL HAVE THE FOLLOWING OPTIONS FOR TELECOMMUNICATION ROOM WALL COVERINGS:
 - PROVIDE AC GRADE PLYWOOD THAT IS PAINTED ON ALL SIDES WITH TWO COATS OF A WHITE FIRE-RETARDANT PAINT.
 - PROVIDE FIRE-RETARDANT AC GRADE PLYWOOD THAT IS PAINTED WHITE BUT LEAVING THE FIRE RETARDANT MARKINGS/SEAL EXPOSED FOR INSPECTION PURPOSES.
- ANCHOR RACK(S) TO THE FLOOR OR WALL UTILIZING MANUFACTURER APPROVED HARDWARE.
- PROVIDE ALL REQUIRED CABLE TRAY/RUNWAY ACCESSORIES INCLUDING BUT NOT LIMITED TO: WATERFALL RADIUS DROP, OFFSETS, BRACKETS, AND RACK ATTACHMENT HARDWARE.
- CLEAN ALL SURFACES OF ROOM PRIOR TO OWNER'S INSTALLATION OF ACTIVE NETWORK EQUIPMENT.

CLOCK SYSTEMS NOTES

- CLOCK SYSTEM WILL BE OWNER FURNISHED AND OWNER INSTALLED.
- OWNER WILL REMOVE ANY EQUIPMENT AND/OR CLOCKS THAT WILL BE SALVAGED. COORDINATE WITH OWNER ON DEMOLITION OF UNUSED CLOCKS PRIOR TO REMOVAL.

LIFE SAFETY & SECURITY DEMOLITION NOTES

- ALL EXISTING DEVICES AND DEVICE LOCATIONS WERE MADE BY CASUAL FIELD OBSERVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING SYSTEM COMPONENTS AND DEVICE LOCATIONS.
- PROVIDE LABOR AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.
- SYSTEMS SCHEDULED TO BE REMOVED SHALL BE DONE SO IN THEIR ENTIRETY. ABANDONED CABLEING SHALL NOT BE ACCEPTED. REMOVE ALL ASSOCIATED FIELD DEVICES AND HEAD END EQUIPMENT.
- REMOVED EQUIPMENT AND SYSTEMS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. MATERIALS NOT SALVAGED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR PROPER DISPOSAL.
- REMOVE AND REINSTALL CEILING TILE REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. DAMAGED CEILING TILE SHALL BE REPLACED TO MATCH EXISTING.
- DO NOT CUT EXISTING TELECOMMUNICATIONS WIRING, CABLES OR CONDUIT AS EXISTING SYSTEMS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR WHO CUTS IN-SERVICE CABLES SHALL BE RESPONSIBLE FOR DOWNTIME AND THE COSTS TO REPAIR.

ACCESS CONTROL/SECURITY MANAGEMENT NOTES

- SECURITY MANAGEMENT SYSTEM SHALL BE PROVIDED BY THE OWNER. DETAILS ILLUSTRATED IN THE DRAWINGS ARE FOR REFERENCE PURPOSES ONLY.

TECHNOLOGY ABBREVIATIONS

ADDL	ADDITIONAL	MLO	MAIN LUGS ONLY
AL	AUDIO LEFT	MAX	MAXIMUM
AR	AUDIO RIGHT	MLC	MOTOR LOGIC CONTROL
AUTO	AUTOMATIC	MTD	MOUNTED
AUX	AUXILIARY	NC	NORMALLY CLOSED
AV	AUDIO VISUAL, ALARM VALVE	NIC	NOT IN CONTRACT
AVG	AVERAGE	NM	NONMETALLIC
AWG	AMERICAN WIRE GAUGE	NO	NORMALLY OPEN, NUMBER
BAT	BATTERY	NTS	NOT TO SCALE
BFF	BELOW FINISH FLOOR	OAE	OR APPROVED EQUAL
BKGD	BELOW / UNDERGROUND	OFCl	OWNER FURNISHED CONTRACTOR INSTALLED
BLDG	BUILDINGS	OFOI	OWNER FURNISHED OWNER INSTALLED
BLW	BELOW / UNDERGROUND	PB	PULL BOX, PUSH BUTTON
BOT	BOTTOM	PNL	PANEL
BTWN	BETWEEN	PWR	POWER
C	CONDUIT	QTY	QUANTITY
CCTV	CLOSED CIRCUIT TELEVISION	R	EXISTING ITEM TO BE REMOVED
CD	CONSTRUCTION DOCUMENT	RR	EXISTING ITEM TO BE REMOVED AND RELOCATED
CL	CENTER LINE, CLOSE, CLOSET	RN	EXISTING ITEM TO BE REMOVED AND REPLACED WITH NEW
CM	CONSTRUCTION MANAGER	RCP	REFLECTED CEILING PLAN
CTRL	CONTROL	REC	RECESSED
CTV	CABLE TELEVISION, CONTROL VALVE	RECP	RECEPTACLE
(D)	EXISTING TO BE DEMOLISHED	REQD	REQUIRED
DEF	DEFINITION	RGS	RIGID GALVANIZED STEEL
DEG	DEGREE	RM	ROOM
DEMO	DEMOLITION	S	SYNC
DESCR	DESCRIPTION	SCCR	SHORT CIRCUIT CURRENT RATING
DET	DETAIL	SCHED	SCHEDULE
DGTL	DIGITAL	SECT	SECTION
DIAG	DIAGRAM	SPEC	SPECIFICATION
DWG	DRAWING	SPKR	SPEAKER
E	EXISTING TO REMAIN	STP	SHIELDED TWISTED PAIR(S)
ER	EXISTING TO BE RELOCATED	SYS	SYSTEM
EO	ELECTRICAL CONTRACTOR	TBD	TO BE DETERMINED
ELEC	ELECTRIC, ELECTRICAL	TC	TECHNOLOGY CENTER
EM	EMERGENCY LIGHT FIXTURE	TEL	TELEPHONE
EMER	EMERGENCY	TM	TERMINAL BLOCK
EQ	EQUAL	TV	TELEVISION
EQUIP	EQUIPMENT	TYP	TYPICAL
EQUIV	EQUIVALENT	UC	UNDERCOUNTER
EXCL	EXCLUDE	UL	UNDERWRITERS LABORATORIES
FBO	FURNISHED BY OTHERS	UON	UNLESS OTHERWISE NOTED
FLEX	FLEXIBLE	UPS	UNINTERRUPTIBLE POWER SUPPLY
FR	FLOOR RECEPTACLE, FIRE RATING	UTIL	UTILITY
FREQ	FREQUENCY	V	VIDEO, VOLT, VENT
FT	FOOT, FEET	VCR	VIDEO CASSETTE RECORDER
FUT	FUTURE	W	WATT, WIRE, WALL PHONE, WIDTH
G	GROUND FAULT CIRCUIT INTERRUPTER	WG	WIREGUARD COVER
GND	GROUND	WP	WEATHERPROOF DEVICE
GC	GENERAL CONTRACTOR	WR	WEATHER RESISTANT DEVICE, WALL RECEPTACLE
IRE	INFRARED EMITTER	XFER	TRANSFER
JB	JUNCTION BOX	XFMR	TRANSFORMER
KVA	KILO-VOLT-AMPERES	+24"	INDICATES MOUNTING HEIGHT CENTER LINE OF DEVICE TO FINISHED FLOOR
KW	KILOWATTS		
LVC	LOW VOLTAGE CONTROL		
MC	MECHANICAL CONTRACTOR		
MCB	MAIN CIRCUIT BREAKER		
MDP	MAIN DISTRIBUTION PANEL		

TELECOMMUNICATION SYMBOLS

#	DATA CABLEING - PROVIDE QUANTITY OF CATEGORY 6 CABLEING EQUAL TO "M".
WAP	ACCESS POINT DATA CABLEING - PROVIDE QUANTITY OF TWO (2) CATEGORY 6 CABLES.
CAM	CAMERA DATA CABLEING - PROVIDE QUANTITY OF TWO (2) CATEGORY 6 CABLES.
FUTURE	CEILING DATA CABLEING - PROVIDE QUANTITY OF TWO (2) CATEGORY 6 CABLES.
HT	HAND HOLE LOCATED AT GRADE / GROUND SURFACE
MH	MAINTENANCE HOLE - BURIED CONCRETE REINFORCED TELECOM VAULT WITH STEEL COVER AND FRAME.
V	SYSTEM FURNITURE FEED FOR TELECOMMUNICATION CABLES.
J	WALL MOUNTED JUNCTION BOX
□ ^{2X} / □ ^{1X}	CLOCK - "2" INDICATES DUAL FACE - "X" INDICATES TYPE

AUDIO VISUAL SYMBOLS

WALL	CEILING	TABLE/FLOOR	
□ ^S	□ ^C		STANDARD AUDIOVISUAL SPEAKER ("Z" DENOTES ZONE)
□ ^M	□ ^M	□ ^M	STANDARD AUDIOVISUAL MICROPHONE
		□ ^M	AUDIOVISUAL MICROPHONE - OMNI
□ ^{PR}			PROJECTOR
□ ^{FP}			FLAT PANEL DISPLAY
□ ^{AV}	□ ^{AV}	□ ^{AV}	AUDIOVISUAL INPUT PLATE
	□ ^{VC}		AUDIOVISUAL VOLUME CONTROL
□ ^C	□ ^C		AUDIOVISUAL CAMERA - REFER TO CAMERA SCHEDULE
□ ^{CP}			WALL MOUNTED AV CONTROL PANEL SYSTEM
□ ^J	□ ^J	□ ^J	GANGABLE JUNCTION BOX (BY DIV. 26)
□ ^J	□ ^J	□ ^J	CUSTOM BACK BOX TO BE OEM BY MANUFACTURER. MOUNT FLUSH WITH FINISHED WALL TREATMENT.
□ ^{AVB}	□ ^{AVB}	□ ^{AVB}	MULTI-SERVICE BOX (AV/DATA/PWR)
□ ^{AVB}			IN-WALL BOX, WITH DIVIDED COMPARTMENTS FOR SHARED ACCESS WITH AUDIOVISUAL, DATA AND 120VAC OPOWER
□ ^{AVB}			IN-WALL BOX, WITH DIVIDED COMPARTMENTS FOR SHARED ACCESS WITH AUDIOVISUAL, DATA AND 120VAC OPOWER
	□ ^{AV}	□ ^{AV}	MOTOR FOR PROJECTION SCREEN WITH INTERFACE FOR AUDIOVISUAL CONTROLS.
□ ^{SCN}			RAISE AND LOWER SWITCH FOR PROJECTION SCREEN ACCOMPANYING DEVICE.

VIDEO SURVEILLANCE SYMBOLS

□ ^{CCTV}	CCTV SECURITY CAMERA, WALL MOUNTED
□ ^{CCTV}	CCTV SECURITY CAMERA, CEILING MOUNTED
□ ^{NVR}	NETWORK VIDEO RECORDER

GROUNDING AND BONDING SYMBOLS

—	GROUND BAR
□ ^{PBB}	PRIMARY BONDING BUSBAR
□ ^{SBB}	SECONDARY BONDING BUSBAR
SEE RISER DIAGRAM AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS	

ACCESS CONTROL SYMBOLS

□ ^{AD}	AUTOMATIC DOOR ACTUATOR
□ ^{D1}	FLUSH OR SURFACE MOUNT DOOR POSITION SWITCH (DPDS)
□ ^{CR}	CARD READER
□ ^{EL}	ELECTRIFIED EXIT DEVICE
□ ^{NL}	NON-ELECTRIFIED EXIT DEVICE (MECHANICAL EXIT)
□ ^{RX}	DEVICE CONTAINS REQUEST-TO-EXIT MOMENTARY CONTACTS
□ ^{ES}	ELECTRIFIED STRIKE
□ ^{ET}	ELECTRIFIED TRIM
□ ^{L1}	ELECTRIFIED MORTISE LOCKSET
□ ^{IR}	REQUEST TO EXIT MOTION DETECTOR

TECHNOLOGY RESPONSIBILITY MATRIX

PROVISION RESPONSIBILITIES DEFINED	PROVISION RESPONSIBILITIES DEFINED			
	OFOI	OFCl	CFCl	CFOI
COMMUNICATIONS - TELECOM SYSTEMS:				
ROUGH-IN, PATHWAYS AND SLEEVES				●
RACKS, FRAMES AND ENCLOSURES		●		
CABLE MANAGEMENT			●	
UNINTERRUPTIBLE POWER SUPPLIES (RACK MOUNT)	●			
PLYWOOD BACKBOARDS			●	
COPPER BACKBONE CABLEING			●	
OPTICAL FIBER BACKBONE CABLEING			●	
COAXIAL BACKBONE CABLEING	N/A	N/A	N/A	N/A
COPPER HORIZONTAL CABLEING			●	
OPTICAL FIBER HORIZONTAL CABLEING	N/A	N/A	N/A	N/A
COAXIAL HORIZONTAL CABLEING	N/A	N/A	N/A	N/A
DATA COMMUNICATIONS SWITCHES AND HUBS			●	
DATA COMMUNICATIONS WIRELESS ACCESS POINTS			●	
VOICE COMMUNICATIONS SWITCHING AND ROUTING EQUIPMENT			●	
COMMUNICATIONS - AUDIO-VISUAL SYSTEMS:				
ROUGH-IN, PATHWAYS AND SLEEVES				●
PROJECTOR(S)			●	
FLAT PANEL DISPLAY(S)			●	
MULTI-TOUCH DISPLAY(S)			●	
DISPLAY TECHNOLOGY MOUNTING HARDWARE			●	
MEDIA PLAYER(S)			●	
HEAD-END EQUIPMENT			●	
COMMUNICATIONS - DISTRIBUTED SYSTEMS:				
ROUGH-IN, PATHWAYS AND SLEEVES				●
MASTER ANTENNA / COMMUNITY ANTENNA TELEVISION DISTRIBUTION	N/A	N/A	N/A	N/A
PUBLIC ADDRESS SYSTEM	●		●	
SOUND MASKING / SPEECH PRIVACY SYSTEM	N/A	N/A	N/A	N/A
INTERCOMMUNICATIONS SYSTEM	N/A	N/A	N/A	N/A
WIRED / WIRELESS CLOCK SYSTEM	●			
NURSE CALL / CODE BLUE SYSTEM	N/A	N/A	N/A	N/A
SECURITY - ACCESS CONTROL:				
ROUGH-IN, PATHWAYS AND SLEEVES				●
SECURITY MANAGEMENT SYSTEM - HEAD END COMPONENTS			●	
SECURITY MANAGEMENT SYSTEM - FIELD DEVICES			●	
SECURITY MANAGEMENT SYSTEM - ELECTRIFIED DOOR HARDWARE			●	
SECURITY MANAGEMENT SYSTEM - ALL CABLEING			●	
SECURITY - VIDEO SURVEILLANCE:				
ROUGH-IN, PATHWAYS AND SLEEVES				●
DOOR STATION(S)			●	
HEAD END EQUIPMENT AND COMPONENTS			●	
SECURITY - VIDEO SURVEILLANCE:				
ROUGH-IN, PATHWAYS AND SLEEVES				●
CAMERA(S)			●	
HEAD END EQUIPMENT AND COMPONENTS			●	
SECURITY - INTRUSION DETECTION:				
ROUGH-IN, PATHWAYS AND SLEEVES	N/A	N/A	N/A	N/A
FIELD DEVICES (MOTION DETECTORS, GLASS BREAKS, DOOR SWITCHES)	N/A	N/A	N/A	N/A
HEAD END EQUIPMENT AND COMPONENTS	N/A	N/A	N/A	N/A
●	OFOI	OWNER FURNISHED & OWNER INSTALLED		
●	OFCl	OWNER FURNISHED & CONTRACTOR INSTALLED		
●	CFCl	CONTRACTOR FURNISHED & CONTRACTOR INSTALLED		
●	CFOI	CONTRACTOR FURNISHED & OWNER INSTALLED		

GENERAL NOTE:
A MATRIX IS NOT INTENDED TO BE EXHAUSTIVE TO COVER ALL MATERIALS NECESSARY FOR SCOPE AND SHOULD ONLY BE USED TO QUICKLY IDENTIFY SYSTEMS AND RELATED INFRASTRUCTURE INSIDE AND OUTSIDE THE BID OF THIS PROJECT. ANY ITEMS FURNISHED OR INSTALLED BY THE BIDDING CONTRACTOR SHALL COVER ALL REQUIRED APPURTENANCES NECESSARY FOR A COMPLETE SYSTEM. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, EQUIPMENT, ACCESSORIES, TERMINATIONS, TERMINATION COMPONENTS, ALL FINAL CORDAGE CONNECTIVITY, SOFTWARE, PROGRAMMING, AND THE LABOR TO INSTALL.

TECHNOLOGY SHEET LIST

TO:00	GENERAL NOTES & SYMBOLS
TD1.01	OVERALL DEMO PLAN - TECHNOLOGY
TD1.10	DEMO FLOOR PLAN - AREA A - TECHNOLOGY
TD1.11	DEMO FLOOR PLAN - AREA B - TECHNOLOGY
T1.10	FLOOR PLAN - AREA A - TECHNOLOGY
T1.12	FLOOR PLAN - AREA B - TECHNOLOGY
TS.00	TECHNOLOGY DETAILS

REVISION	DATE:
PROJECT NO.	P-2999-25
DRAWN:	Author
CHECKED:	Checker
DATE:	02-18-2026

GENERAL NOTES & SYMBOLS

T0.00



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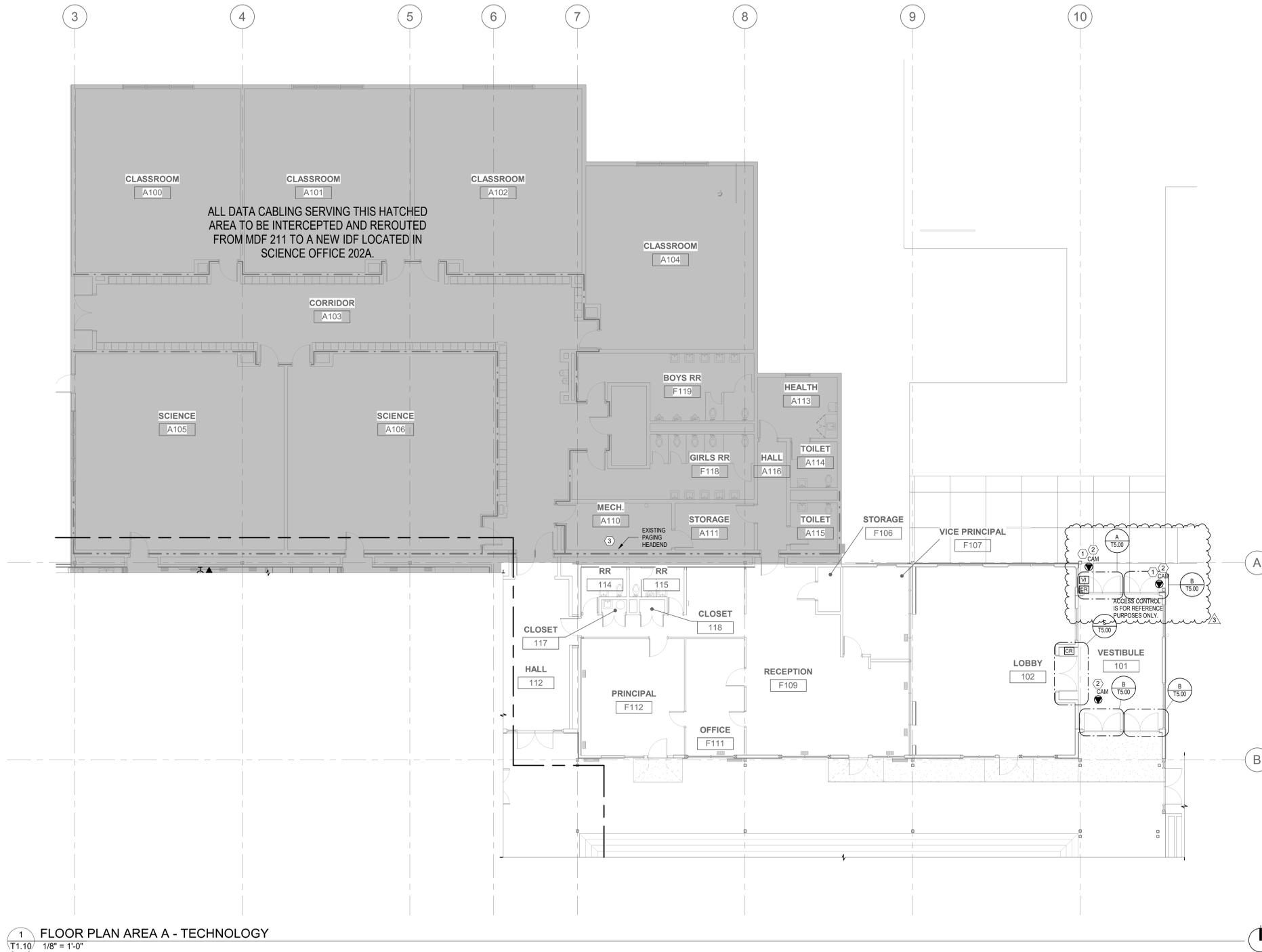


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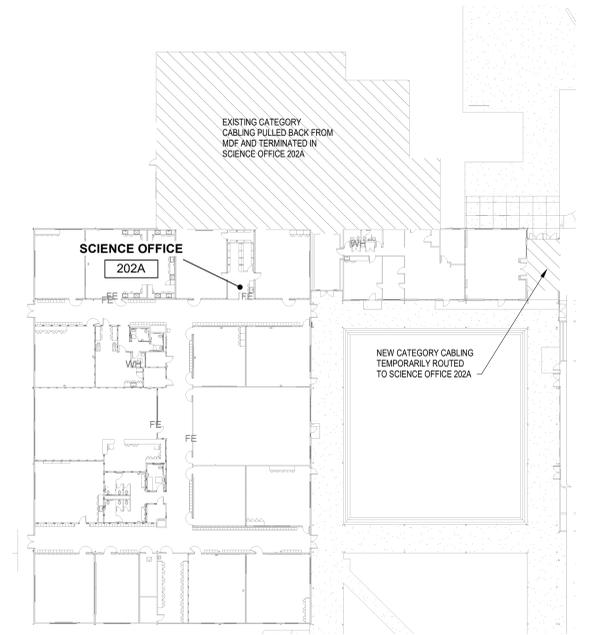
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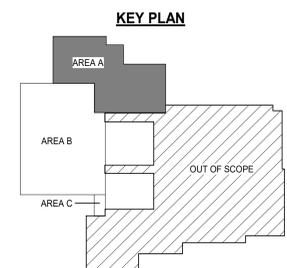
- KEYNOTES**
- 1 PROVIDE CATEGORY CABLING INSIDE SOFFIT FOR OWNER PROVIDED AND INSTALLED CAMERA. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
 - 2 PROVIDE ONE (1) CATEGORY 6 CABLE WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING TO SERVE THE OWNER PROVIDED AND INSTALLED CAMERA. PROVIDE PRE-TERMINATED PATCH CORDS FROM THE MODULAR JACK TO THE DEVICE.
 - 3 EXISTING 70V PAGING SYSTEM AMPLIFIER TO REMAIN. EXISTING SYSTEM AND CABLING TO REMAIN FOR A COMPLETELY FUNCTIONAL SYSTEM.



1 FLOOR PLAN AREA A - TECHNOLOGY
T1.10 1/8" = 1'-0"



2 TECHNOLOGY - DATA CABLING MAP - AREA A
T1.10 1/32" = 1'-0"



3 ADD 3 26.03.11

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FLOOR PLAN - AREA A - TECHNOLOGY

T1.10

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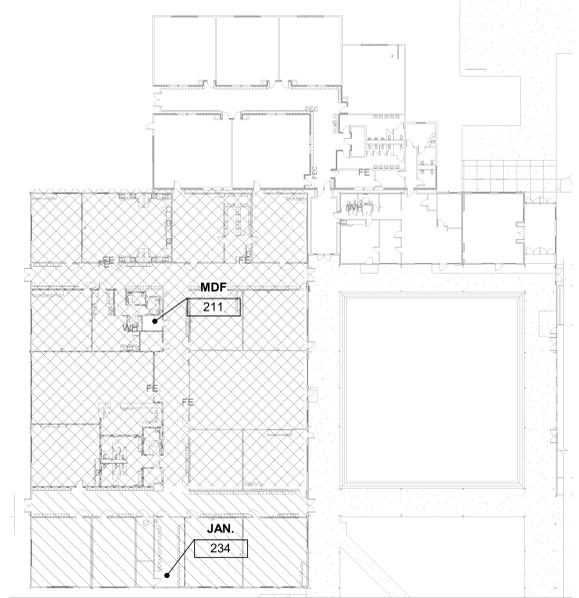
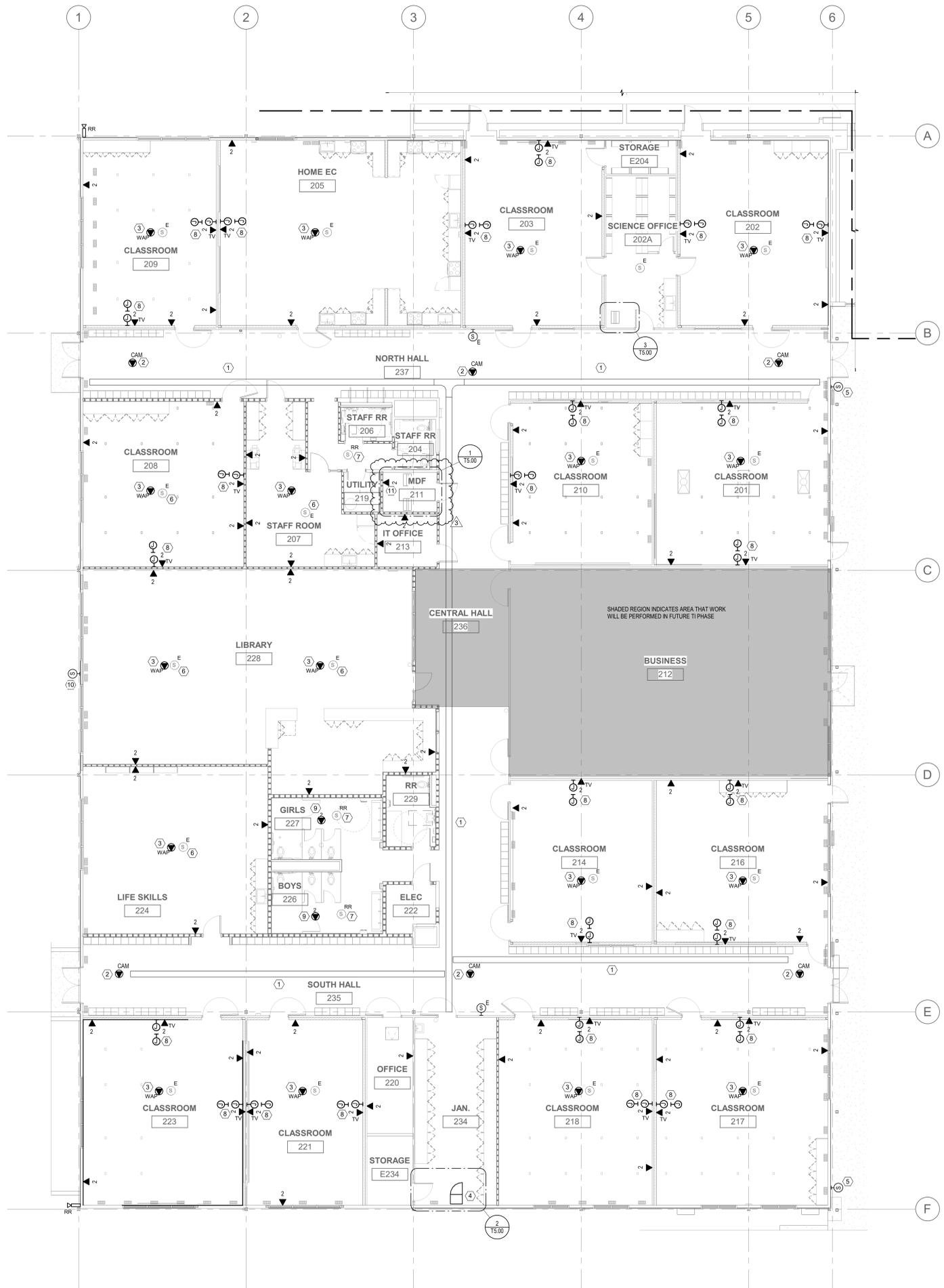
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503-212-4612

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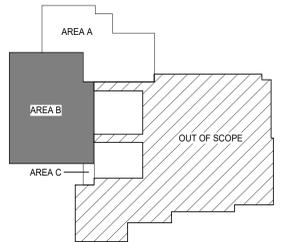
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- KEYNOTES**
- AS PART OF AN ALTERNATE, PROVIDE 12" X 4" BASKET TYPE CABLE TRAY. ATTACH TRAY TO CEILING USING 3/8" ALL-THREAD. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS. HIGHEST PART OF THE CEILING IS LOCATED BY CENTRAL HALL 236 COORDINATE WITH ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
 - PROVIDE ONE (1) CATEGORY 6 CABLE WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING TO SERVE THE OWNER PROVIDED AND INSTALLED CAMERA. PROVIDE PRE-TERMINATED PATCH CORDS FROM THE MODULAR JACK TO THE DEVICE.
 - PROVIDE TWO (2) CATEGORY 6 CABLES WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING TO SERVE THE OWNER PROVIDED WIRELESS ACCESS POINT. CONTRACTOR SHALL INSTALL THE DEVICE AND MAKE FINAL CONNECTIONS. COORDINATE WITH OWNER ON EXACT PLACEMENT OF WIRELESS ACCESS POINT. PROVIDE PRE-TERMINATED PATCH CORDS FROM THE MODULAR JACK TO THE DEVICE.
 - LOCATION OF RELOCATED RACK. SEE DETAIL SHEETS FOR MORE INFORMATION.
 - PROVIDE AND INSTALL NEW SPEAKER HORN EQUAL TO QUAM QH167. PROVIDE CABLE FROM THIS LOCATION BACK TO PAGING HEADEND LOCATED IN MECH A110. CONNECT SPEAKER TO SAME OUTPUT AS EXISTING EXTERIOR SPEAKERS.
 - REINSTALL EXISTING SPEAKER IN NEW CEILING TILE. MAINTAIN CABLEING AND FUNCTIONALITY OF SPEAKER. COORDINATE WITH OWNER TO TEST FUNCTIONALITY OF REINSTALLED SPEAKER.
 - EXISTING SPEAKER TO BE INSTALLED IN NEW CEILING TILE. EXTEND EXISTING CABLEING FROM ORIGINAL LOCATION. COORDINATE WITH OWNER TO TEST FUNCTIONALITY OF REINSTALLED SPEAKER.
 - LOCATION OF OWNER FURNISHED AND INSTALLED FLAT PANEL DISPLAY. PROVIDE DATA AND POWER LOCATED 12" BELOW FINISHED CEILING USING SURFACE MOUNT RACEWAY. ALSO PROVIDE A SINGLE GANG JUNCTION BOX AT STANDARD OUTLET HEIGHT WITH A 1 1/4" CONDUIT CONNECTING TO ANOTHER SINGLE GANG JUNCTION BOX AT THE SAME HEIGHT AS DATA AND POWER TO SERVE OWNER PROVIDED AND INSTALLED HDMI CABLE AND PLATES. SEE TECHNOLOGY AND ARCHITECTURAL SHEETS FOR MORE INFORMATION ON INSTALLING THE HORN ROUGH IN AND PATHWAY.
 - PROVIDE TWO (2) CATEGORY 6 CABLES WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING FOR FUTURE USE.
 - SPEAKER REMOVED AND REINSTALLED IN SAME PLACE AFTER EXTERIOR CONSTRUCTION IS COMPLETE.
 - DATA WORK AREA OUTLET IS TO SERVE MECHANICAL CONTROLS SYSTEM. COORDINATE EXACT WORK AREA OUTLET LOCATION WITH MECHANICAL CONTRACTOR.



KEY PLAN



1 FLOOR PLAN AREA B - TECHNOLOGY
T1.12 1/8" = 1'-0"

3 ADD 3 26.03.11

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FLOOR PLAN - AREA B - TECHNOLOGY

T1.12

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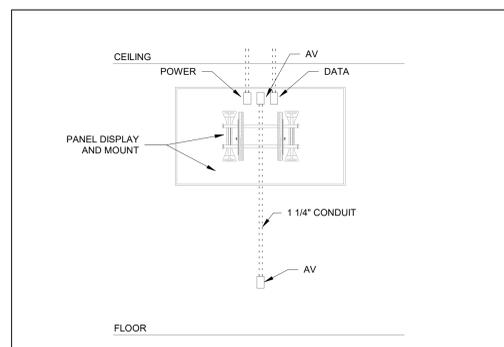
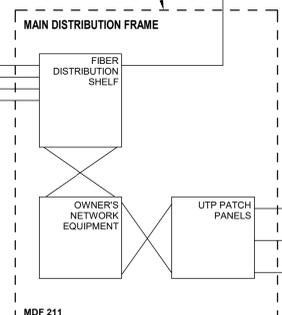
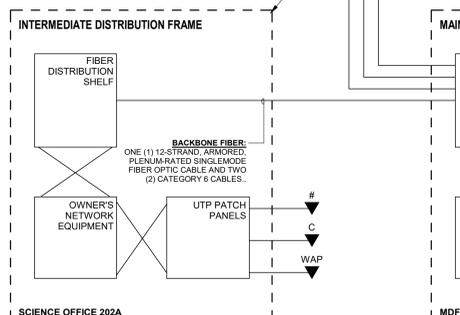
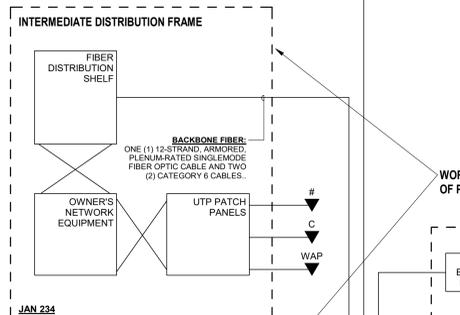
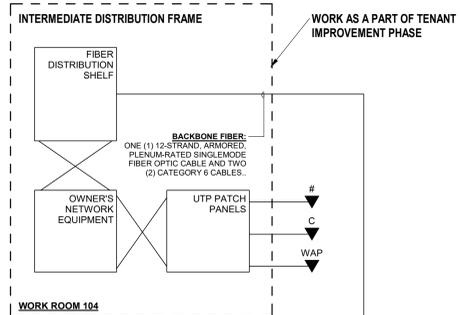
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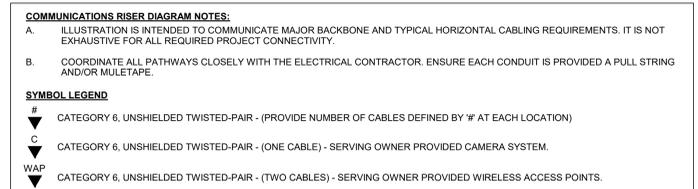
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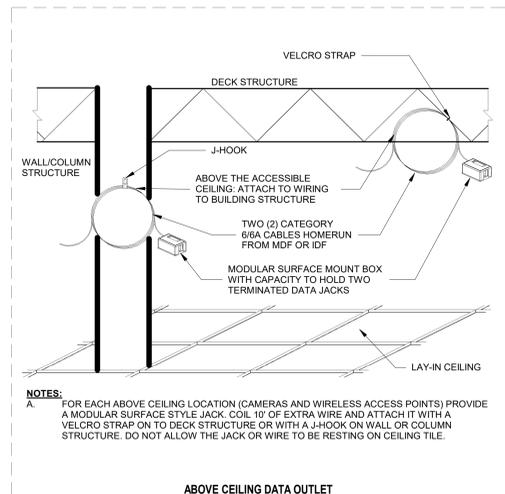


NOTES:
A. POWER AND DATA ROUGH INS AND RACEWAY TO BE SURFACE MOUNTED ABOVE MARKER BOARD AND 12" BELOW CEILING. CENTER ROUGH-IN ON WALL UNLESS OTHERWISE SPECIFIED.
B. AUDIO VIDEO ROUGH INS AND RACEWAY TO BE INSTALLED INSIDE EXISTING WALL AND WALL TO BE PATCHED. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

5 DISPLAY ROUGH-IN DETAIL - WALL WITH INPUT
T5.00 1/2" = 1'-0"

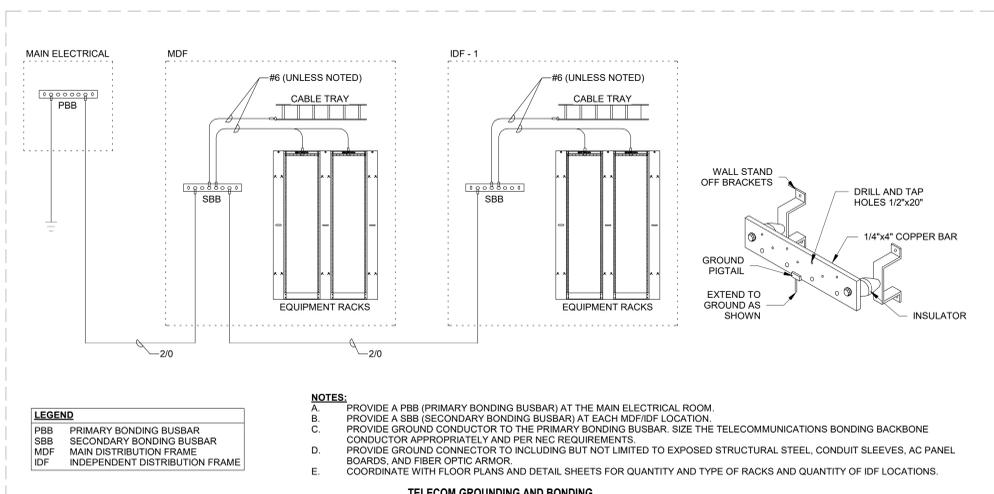


4 COMMUNICATIONS RISER DIAGRAM
T5.00 1/4" = 1'-0"



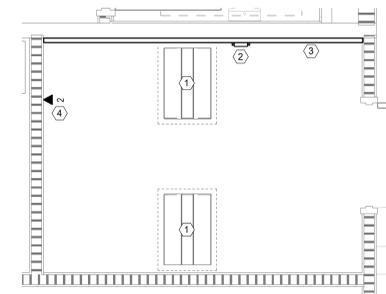
NOTES:
A. FOR EACH ABOVE CEILING LOCATION (CAMERAS AND WIRELESS ACCESS POINTS) PROVIDE A MODULAR SURFACE STYLE JACK. COIL 10' OF EXTRA WIRE AND ATTACH IT WITH A VELCRO STRAP ON TO DECK STRUCTURE OR WITH A J-HOOK ON WALL OR COLUMN STRUCTURE. DO NOT ALLOW THE JACK OR WIRE TO BE RESTING ON CEILING TILE.

ABOVE CEILING DATA OUTLET

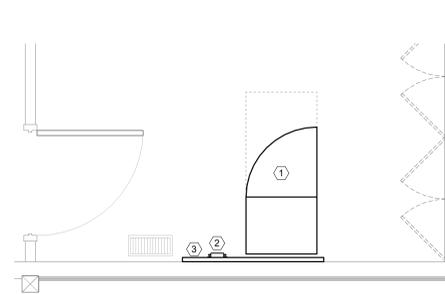


NOTES:
A. PROVIDE A PBB (PRIMARY BONDING BUSBAR) AT THE MAIN ELECTRICAL ROOM.
B. PROVIDE A SBB (SECONDARY BONDING BUSBAR) AT EACH MDF/IDF LOCATION.
C. PROVIDE GROUND CONDUCTOR TO THE PRIMARY BONDING BUSBAR. SIZE THE TELECOMMUNICATIONS BONDING BACKBONE CONDUCTOR APPROPRIATELY AND PER NEC REQUIREMENTS.
D. PROVIDE GROUND CONNECTOR TO INCLUDING BUT NOT LIMITED TO EXPOSED STRUCTURAL STEEL, CONDUIT SLEEVES, AC PANEL BOARDS, AND FIBER OPTIC ARMOR.
E. COORDINATE WITH FLOOR PLANS AND DETAIL SHEETS FOR QUANTITY AND TYPE OF RACKS AND QUANTITY OF IDF LOCATIONS.

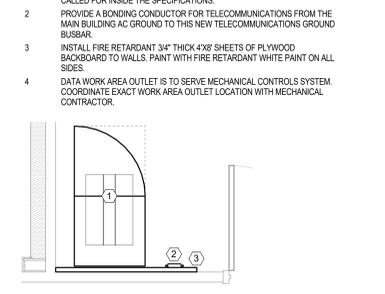
TELECOM GROUNDING AND BONDING



1 MDF 211 - ENLARGED PLAN
T5.00 1/2" = 1'-0"



2 JAN 234 - ENLARGED PLAN
T5.00 1/2" = 1'-0"

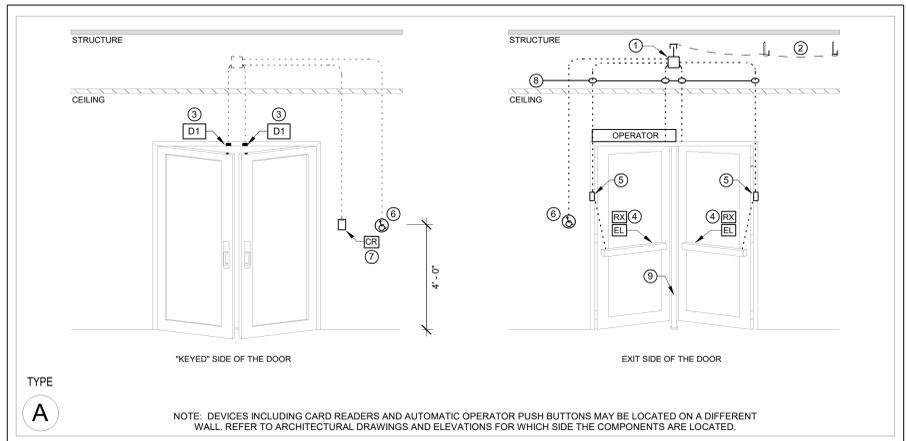


3 SCI. OFF. 202A - ENLARGED PLAN
T5.00 1/2" = 1'-0"

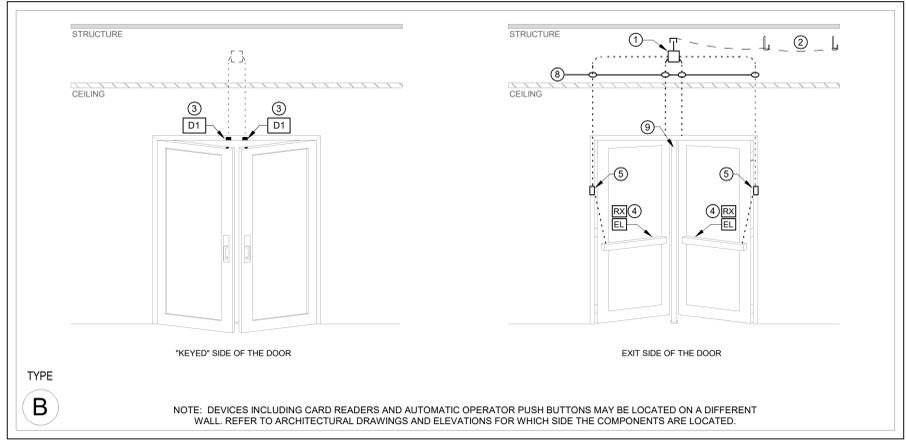
ACCESS CONTROL GENERAL NOTES:
A. DETAILS ARE FOR REFERENCE PURPOSES ONLY. ALL ASPECTS OF THE ACCESS CONTROL SYSTEM INCLUDING, BUT NOT LIMITED TO, ROUGH INS, CABLING, EQUIPMENT, AND PROGRAMMING WILL BE PROVIDED BY OWNER.

ACCESS CONTROL KEYED REFERENCE NOTES:
1. ACCESS CONTROL JUNCTION BOX. PROVIDE ONE (1) 4-SQUARE BOX ABOVE THE NEAREST CONCEALED, ACCESSIBLE CEILING SPACE. THIS BOX SHALL BE USED AS A JUNCTION POINT FOR ALL DOOR DEVICE WIRING.
2. PROVIDE J-HOOKS TO SUPPORT OWNER FURNISHED AND INSTALLED INFRASTRUCTURE.
3. PREPARE FRAME FOR PATHWAYS AND SENSOR INSTALLATION. FOR ANY EXISTING RETROFIT OPENINGS, PROVIDE A SURFACE MOUNT SERIES OF THE SAME CONFIGURATION.
4. THE SCHEDULED DOOR HARDWARE HOSTS BUILT-IN MOMENTARY SWITCHES TO INTERFACE THE REQUEST TO EXIT FUNCTION FOR ACCESS CONTROL.
5. ELECTRONIC POWER TRANSFER. PROVIDE A 1/2" PATHWAY TO THE FRAME TO SERVE THE LOCK AND REQUEST TO EXIT DEVICE.
6. LOCATION OF AN ADA AUTOMATIC DOOR OPERATOR WITH ARCHITECTURAL PLANS AND ELEVATIONS. PROVIDE 1/2" CONDUIT PATHWAY FROM THE DEVICE'S LOCATION ROUTED TO THE AUTOMATIC DOOR OPERATOR.
7. PROVIDE SINGLE GANG BOX AND CONDUIT PATHWAY FOR THE NEW HID CARD READER.
8. PROVIDE A 1/2" CONDUIT PATHWAY TO THE FRAME.
9. CENTER MULLION.

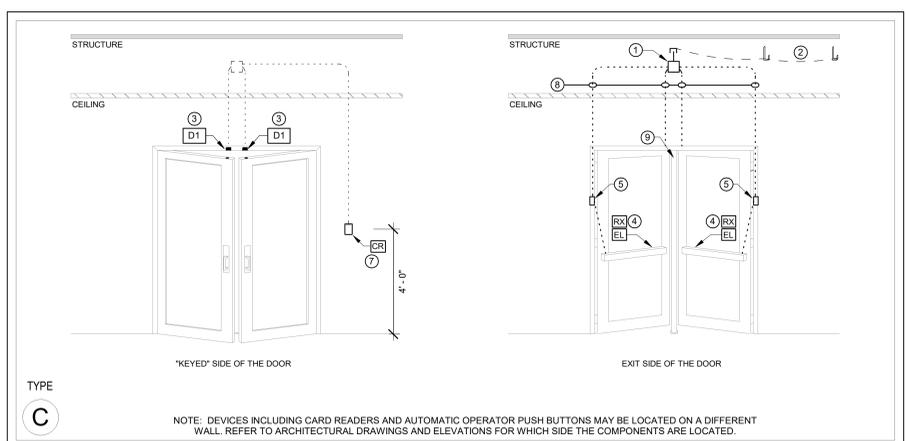
ACCESS CONTROL LEGEND:
Ⓜ AUTOMATIC DOOR ACTUATOR
Ⓛ1 FLUSH OR SURFACE MOUNT DOOR POSITION SWITCH (DPDT)
Ⓛ2 CARD READER
Ⓛ3 ELECTRIFIED EXIT DEVICE
Ⓛ4 NON-ELECTRIFIED EXIT DEVICE (MECHANICAL EXIT)
Ⓛ5 DEVICE CONTAINS REQUEST-TO-EXIT MOMENTARY CONTACTS
Ⓛ6 ELECTRIFIED STRIKE
Ⓛ7 ELECTRIFIED TRIM
Ⓛ8 ELECTRIFIED MORTISE LOCKSET
Ⓛ9 REQUEST TO EXIT MOTION DETECTOR



A ACCESS CONTROL - TYPE A
T5.00 3/8" = 1'-0"



B ACCESS CONTROL - TYPE B
T5.00 3/8" = 1'-0"



C ACCESS CONTROL - TYPE C
T5.00 3/8" = 1'-0"

3 ADD 3 26.03.11

REVISION	DATE
3 ADD 3	26.03.11

TECHNOLOGY DETAILS

T5.00

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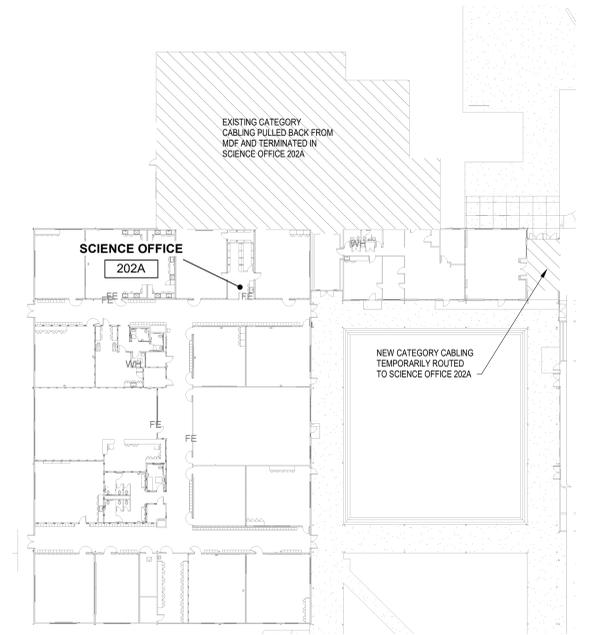
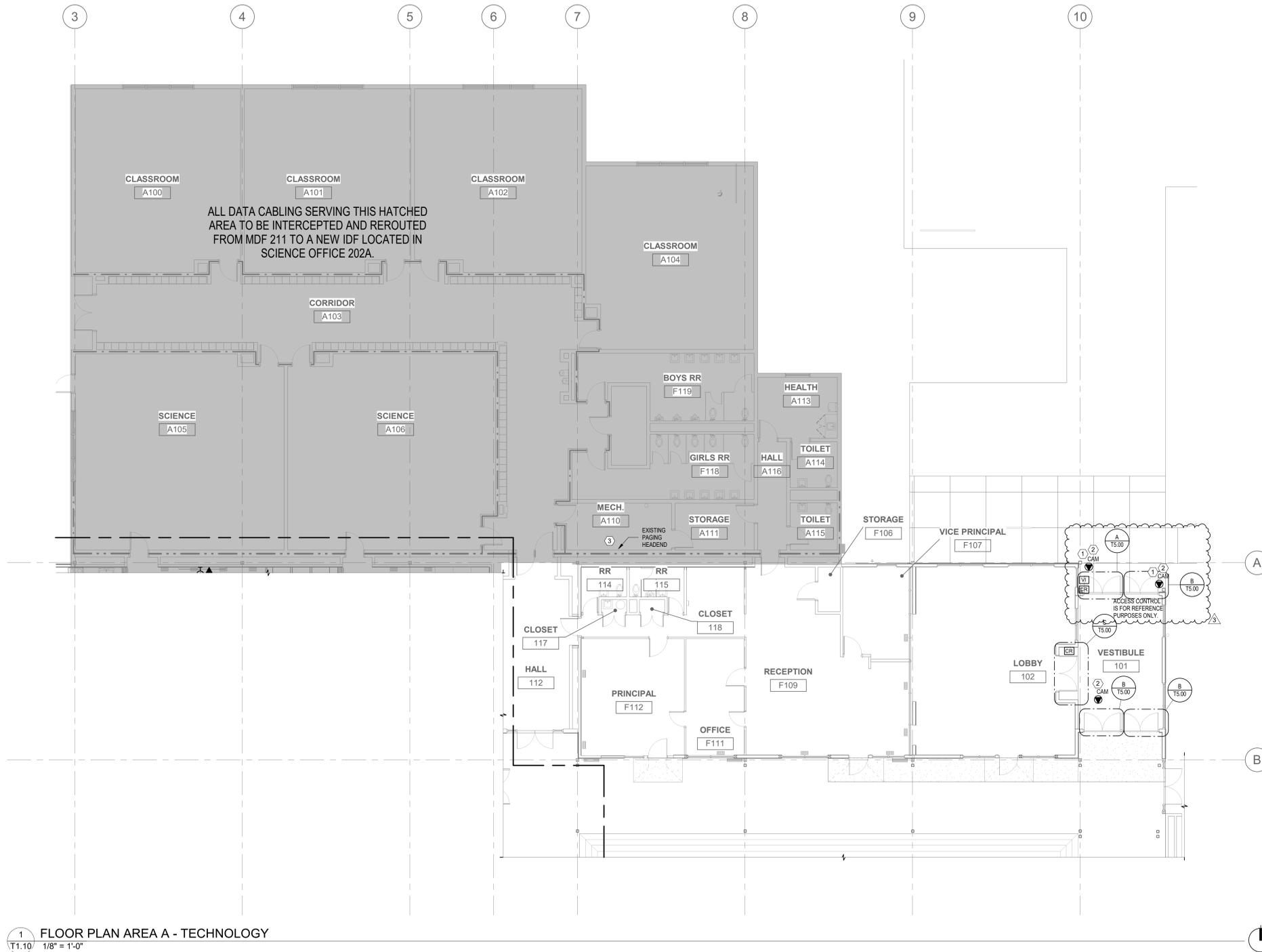


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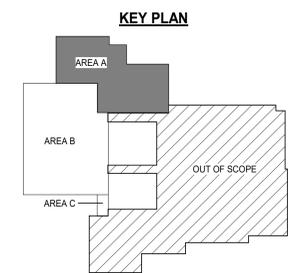
**CRESWELL HS
ACADEMIC
BUILDING
IMPROVEMENT
PROJECT**



- KEYNOTES**
- 1 PROVIDE CATEGORY CABLING INSIDE SOFFIT FOR OWNER PROVIDED AND INSTALLED CAMERA. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
 - 2 PROVIDE ONE (1) CATEGORY 6 CABLE WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING TO SERVE THE OWNER PROVIDED AND INSTALLED CAMERA. PROVIDE PRE-TERMINATED PATCH CORDS FROM THE MODULAR JACK TO THE DEVICE.
 - 3 EXISTING 70V PAGING SYSTEM AMPLIFIER TO REMAIN. EXISTING SYSTEM AND CABLING TO REMAIN FOR A COMPLETELY FUNCTIONAL SYSTEM.



2 TECHNOLOGY - DATA CABLING MAP - AREA A
T1.10 1/32" = 1'-0"



1 FLOOR PLAN AREA A - TECHNOLOGY
T1.10 1/8" = 1'-0"

3 ADD 3 26.03.11

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FLOOR PLAN - AREA A - TECHNOLOGY

T1.10

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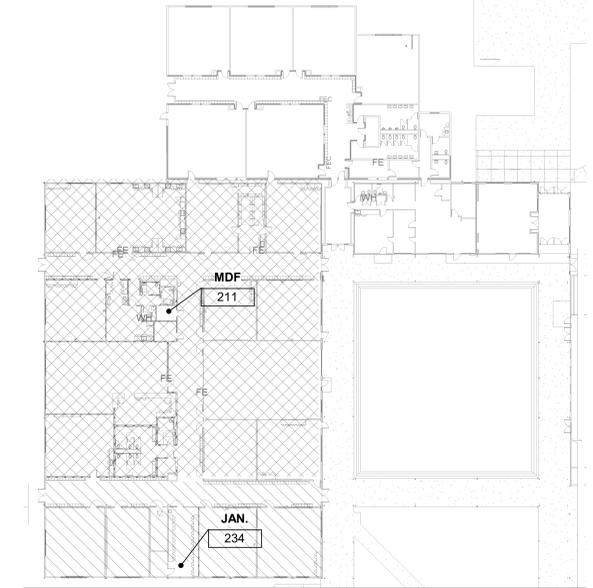
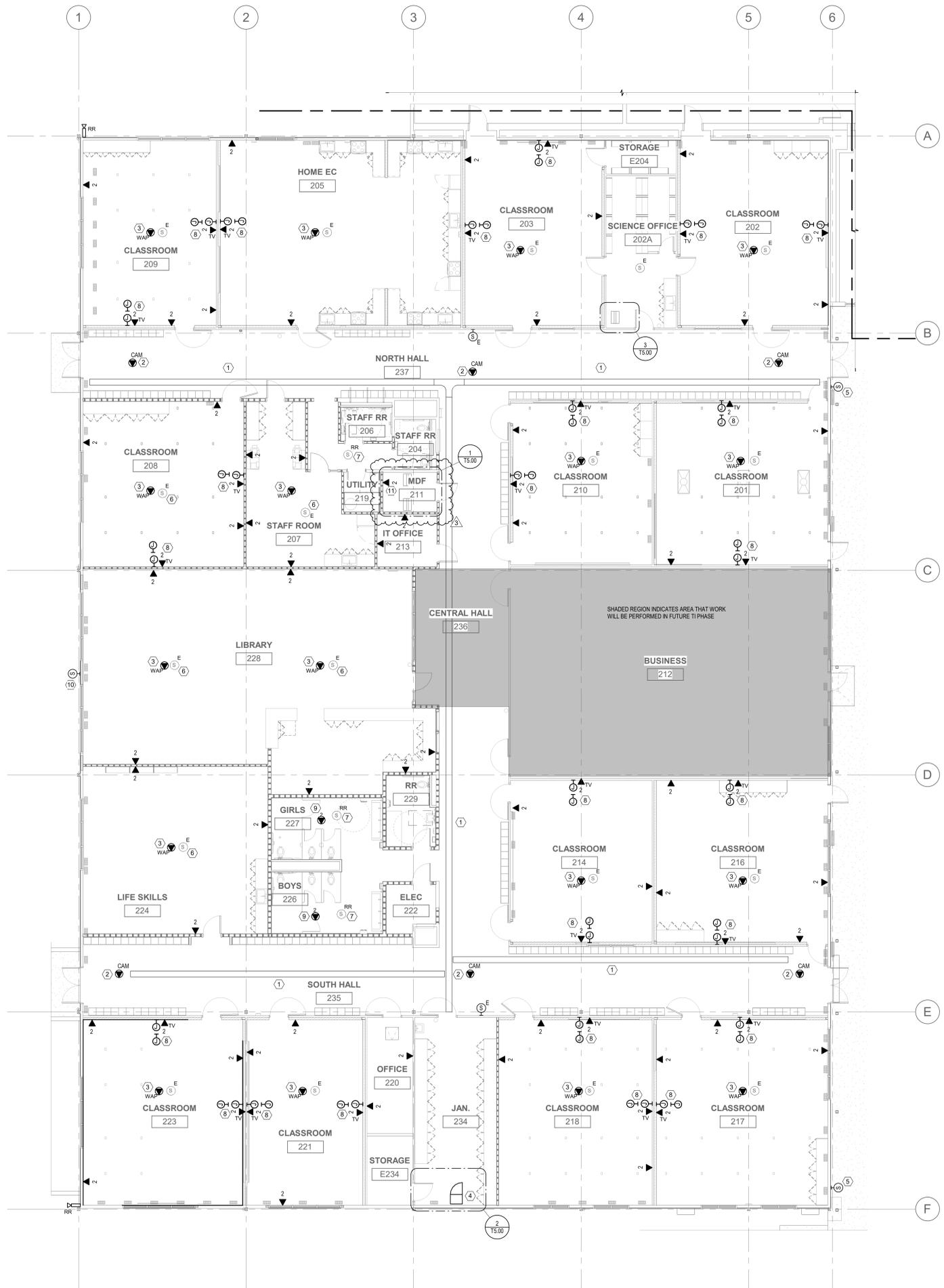
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ENGINEERING
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Eugene, OR
97401
503-212-4612

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33390 NIBLOCK LN
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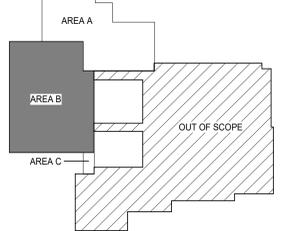
**CRESWELL HS
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IMPROVEMENT
PROJECT**



- KEYNOTES**
- AS PART OF AN ALTERNATE, PROVIDE 12" X 4" BASKET TYPE CABLE TRAY. ATTACH TRAY TO CEILING USING 3/8" ALL-THREAD. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS. HIGHEST PART OF THE CEILING IS LOCATED BY CENTRAL HALL 236 COORDINATE WITH ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
 - PROVIDE ONE (1) CATEGORY 6 CABLE WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING TO SERVE THE OWNER PROVIDED AND INSTALLED CAMERA. PROVIDE PRE-TERMINATED PATCH CORDS FROM THE MODULAR JACK TO THE DEVICE.
 - PROVIDE TWO (2) CATEGORY 6 CABLES WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING TO SERVE THE OWNER PROVIDED WIRELESS ACCESS POINT. CONTRACTOR SHALL INSTALL THE DEVICE AND MAKE FINAL CONNECTIONS. COORDINATE WITH OWNER ON EXACT PLACEMENT OF WIRELESS ACCESS POINT. PROVIDE PRE-TERMINATED PATCH CORDS FROM THE MODULAR JACK TO THE DEVICE.
 - LOCATION OF RELOCATED RACK. SEE DETAIL SHEETS FOR MORE INFORMATION.
 - PROVIDE AND INSTALL NEW SPEAKER HORN EQUAL TO QIAM QH167. PROVIDE CABLE FROM THIS LOCATION BACK TO PAGING HEADEND LOCATED IN MECH A110. CONNECT SPEAKER TO SAME OUTPUT AS EXISTING EXTERIOR SPEAKERS.
 - REINSTALL EXISTING SPEAKER IN NEW CEILING TILE. MAINTAIN CABLEING AND FUNCTIONALITY OF SPEAKER. COORDINATE WITH OWNER TO TEST FUNCTIONALITY OF REINSTALLED SPEAKER.
 - EXISTING SPEAKER TO BE INSTALLED IN NEW CEILING TILE. EXTEND EXISTING CABLEING FROM ORIGINAL LOCATION. COORDINATE WITH OWNER TO TEST FUNCTIONALITY OF REINSTALLED SPEAKER.
 - LOCATION OF OWNER FURNISHED AND INSTALLED FLAT PANEL DISPLAY. PROVIDE DATA AND POWER LOCATED 12" BELOW FINISHED CEILING USING SURFACE MOUNT RACEWAY. ALSO PROVIDE A SINGLE GANG JUNCTION BOX AT STANDARD OUTLET HEIGHT WITH A 1 1/4" CONDUIT CONNECTING TO ANOTHER SINGLE GANG JUNCTION BOX AT THE SAME HEIGHT AS DATA AND POWER TO SERVE OWNER PROVIDED AND INSTALLED HDMI CABLE AND PLATES. SEE TECHNOLOGY AND ARCHITECTURAL SHEETS FOR MORE INFORMATION ON INSTALLING THE HORN ROUGH IN AND PATHWAY.
 - PROVIDE TWO (2) CATEGORY 6 CABLES WITH A 15' SERVICE LOOP TERMINATED TO A MODULAR SURFACE STYLE JACK ABOVE THE ACCESSIBLE CEILING FOR FUTURE USE.
 - SPEAKER REMOVED AND REINSTALLED IN SAME PLACE AFTER EXTERIOR CONSTRUCTION IS COMPLETE.
 - DATA WORK AREA OUTLET IS TO SERVE MECHANICAL CONTROLS SYSTEM. COORDINATE EXACT WORK AREA OUTLET LOCATION WITH MECHANICAL CONTRACTOR.



KEY PLAN



1 FLOOR PLAN AREA B - TECHNOLOGY
T1.12 1/8" = 1'-0"

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FLOOR PLAN - AREA B - TECHNOLOGY

T1.12

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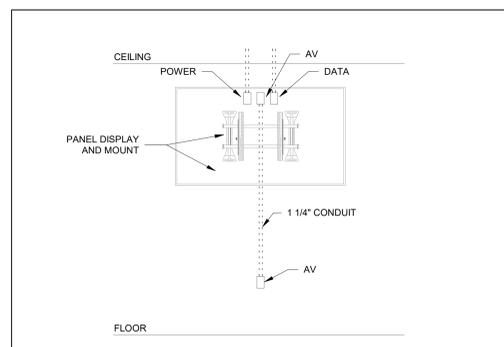
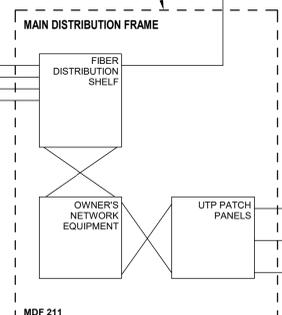
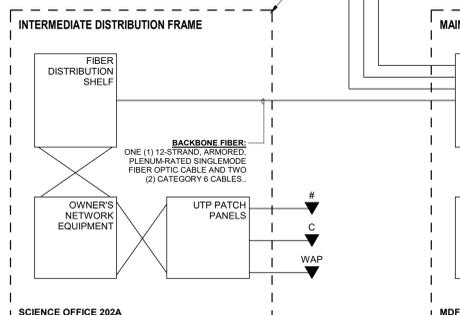
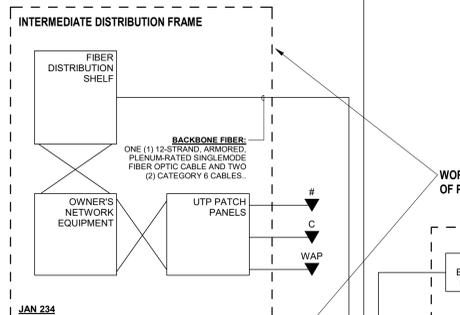
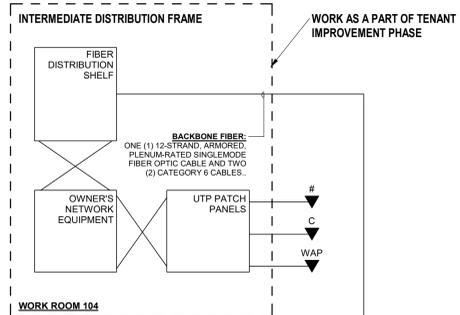
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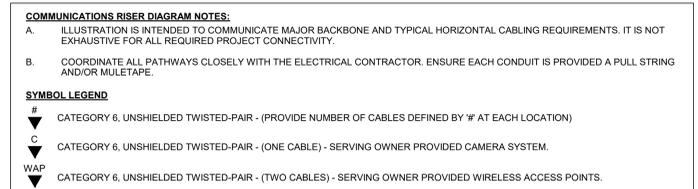
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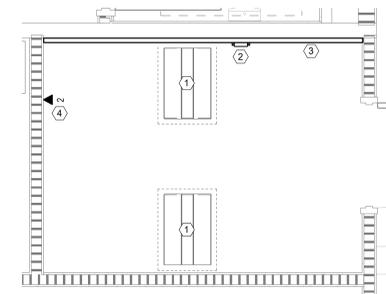
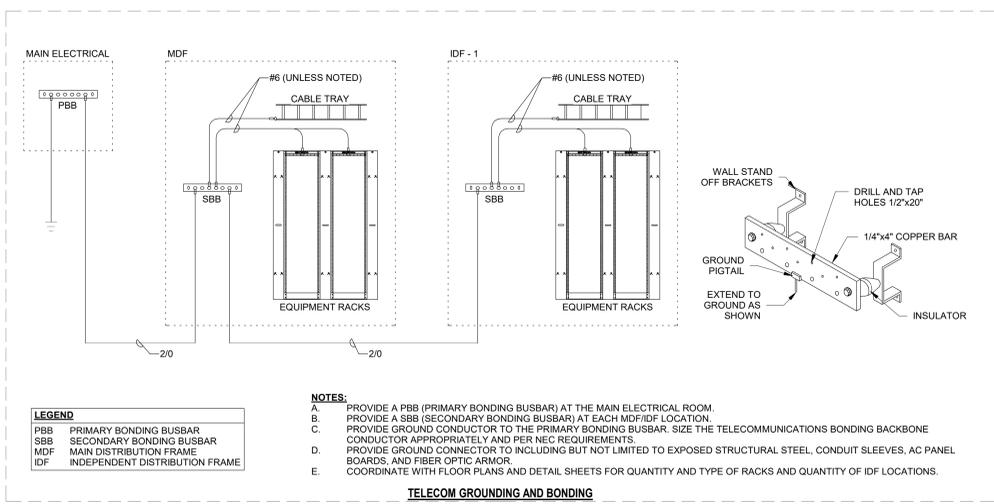
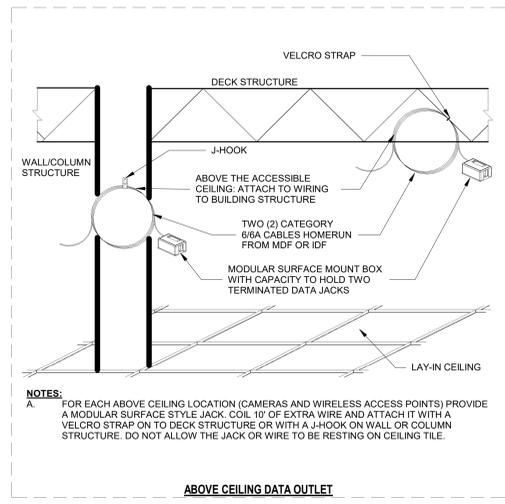


NOTES:
A. POWER AND DATA ROUGH INS AND RACEWAY TO BE SURFACE MOUNTED ABOVE MARKER BOARD AND 12" BELOW CEILING. CENTER ROUGH-IN ON WALL UNLESS OTHERWISE SPECIFIED.
B. AUDIO VIDEO ROUGH INS AND RACEWAY TO BE INSTALLED INSIDE EXISTING WALL AND WALL TO BE PATCHED. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

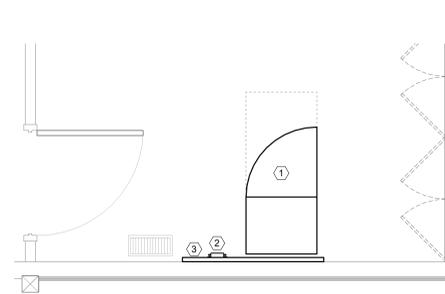
5 DISPLAY ROUGH-IN DETAIL - WALL WITH INPUT
T5.00 1/2" = 1'-0"



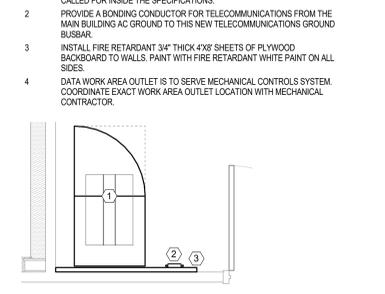
4 COMMUNICATIONS RISER DIAGRAM
T5.00 1/4" = 1'-0"



1 MDF 211 - ENLARGED PLAN
T5.00 1/2" = 1'-0"



2 JAN 234 - ENLARGED PLAN
T5.00 1/2" = 1'-0"

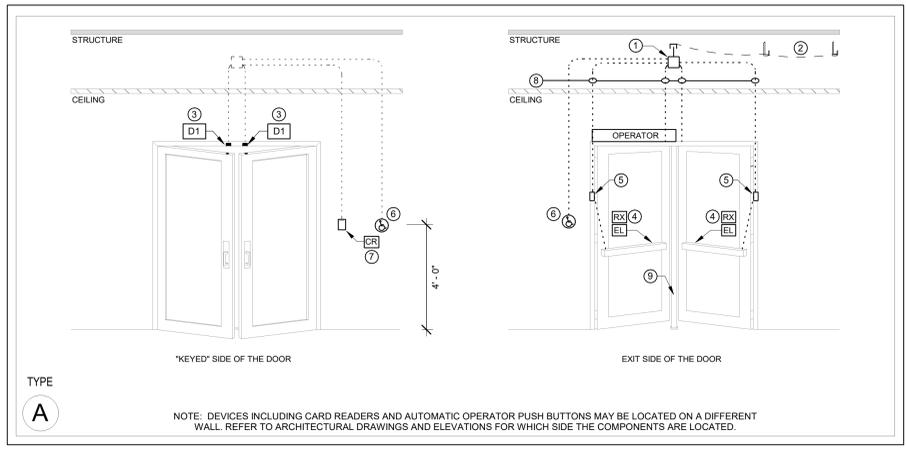


3 SCI. OFF. 202A - ENLARGED PLAN
T5.00 1/2" = 1'-0"

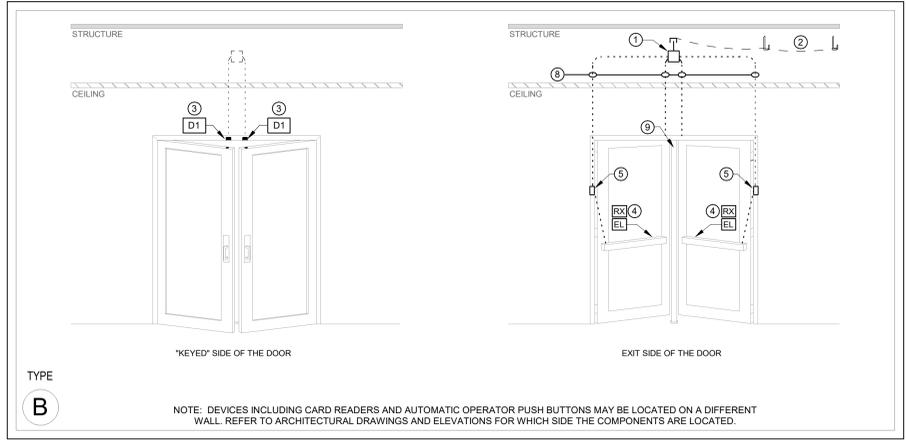
ACCESS CONTROL GENERAL NOTES:
A. DETAILS ARE FOR REFERENCE PURPOSES ONLY. ALL ASPECTS OF THE ACCESS CONTROL SYSTEM INCLUDING, BUT NOT LIMITED TO, ROUGH INS, CABLING, EQUIPMENT, AND PROGRAMMING WILL BE PROVIDED BY OWNER.

ACCESS CONTROL KEYED REFERENCE NOTES:
1. ACCESS CONTROL JUNCTION BOX. PROVIDE ONE (1) 4-SQUARE BOX ABOVE THE NEAREST CONCEALED, ACCESSIBLE CEILING SPACE. THIS BOX SHALL BE USED AS A JUNCTION POINT FOR ALL DOOR DEVICE WIRING.
2. PROVIDE J-HOOKS TO SUPPORT OWNER FURNISHED AND INSTALLED INFRASTRUCTURE.
3. PREPARE FRAME FOR PATHWAYS AND SENSOR INSTALLATION. FOR ANY EXISTING RETROFIT OPENINGS, PROVIDE A SURFACE MOUNT SERIES OF THE SAME CONFIGURATION.
4. THE SCHEDULED DOOR HARDWARE HOSTS BUILT-IN MOMENTARY SWITCHES TO INTERFACE THE REQUEST TO EXIT FUNCTION FOR ACCESS CONTROL.
5. ELECTRONIC POWER TRANSFER. PROVIDE A 1/2" PATHWAY TO THE FRAME TO SERVE THE LOCK AND REQUEST TO EXIT DEVICE.
6. LOCATION OF AN ADA AUTOMATIC DOOR OPERATOR WITH ARCHITECTURAL PLANS AND ELEVATIONS. PROVIDE 1/2" CONDUIT PATHWAY FROM THE DEVICE'S LOCATION ROUTED TO THE AUTOMATIC DOOR OPERATOR.
7. PROVIDE SINGLE GANG BOX AND CONDUIT PATHWAY FOR THE NEW HID CARD READER.
8. PROVIDE A 1/2" CONDUIT PATHWAY TO THE FRAME.
9. CENTER MULLION.

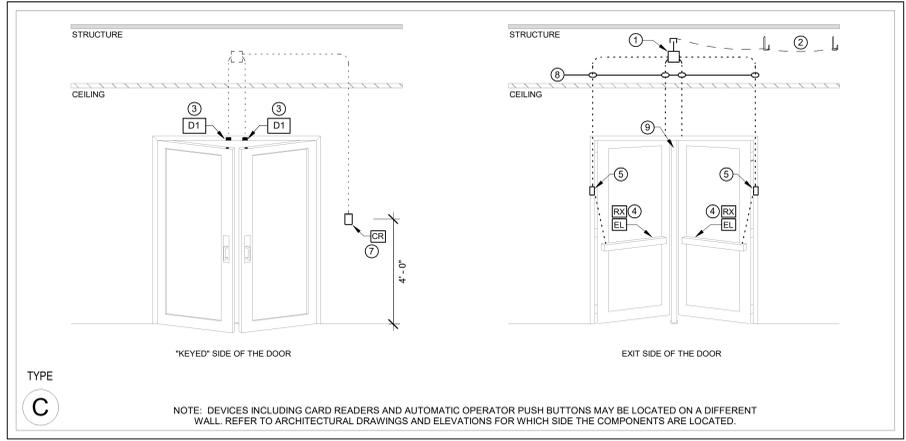
ACCESS CONTROL LEGEND:
Ⓜ AUTOMATIC DOOR ACTUATOR
D1 FLUSH OR SURFACE MOUNT DOOR POSITION SWITCH (DPST)
CR CARD READER
EL ELECTRIFIED EXIT DEVICE
NL NON-ELECTRIFIED EXIT DEVICE (MECHANICAL EXIT)
RX DEVICE CONTAINS REQUEST-TO-EXIT MOMENTARY CONTACTS
ES ELECTRIFIED STRIKE
ET ELECTRIFIED TRIM
L1 ELECTRIFIED MORTISE LOCKSET
IR REQUEST TO EXIT MOTION DETECTOR



A ACCESS CONTROL - TYPE A
T5.00 3/8" = 1'-0"



B ACCESS CONTROL - TYPE B
T5.00 3/8" = 1'-0"



C ACCESS CONTROL - TYPE C
T5.00 3/8" = 1'-0"

3 ADD 3 26.03.11

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TECHNOLOGY DETAILS

T5.00

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