

January 3, 2017

ADDENDUM NO. ONE to the plans and specifications for the FARMINGTON PUBLIC SCHOOLS, 2018 RENOVATIONS ELEMENTARY SCHOOLS, Farmington, MI, Architect's Project No. 171712A, dated November 21st, 2017.

The above plans and specifications are modified, supplemented or augmented as follows, and this ADDENDUM NO. ONE, is hereby made a part of the contract documents.

Specification Sections 01100, 08710, Door Hardware Index Drawings and Drawings C2.0, C3.1, C3.2, S2.0, S4.0, G4.2, AS1.0BV, A1.1BV, A1.1KB, A1.2KB, A2.1BV, A2.2BV, A3.0BV, A5.1 BV, A5.1KB, A5.4K, A7.2BV, A7.2KB, A8.2BV, A8.2KB, M2.1BV, M6.2BV, E2.1BV, E2.2BV, E3.1BV and E5.1BV are being issued with this Addendum.

CIVIL DRAWING ITEMS

- ITEM NO. C1:** Refer to Drawing No. C2.0 (Re-issued):
a. Removed waking path alternate.
- ITEM NO. C2:** Refer to Drawing No. C3.1 (Re-issued):
a. Revised sidewalk layout.
- ITEM NO. C3:** Refer to Drawing No. C3.2 (Re-issued):
a. Revised playpad scope.

STRUCTURAL DRAWING ITEMS

- ITEM NO. S1:** Refer to Drawing No. S2.0 (Re-issued):
a. Updated details.
- ITEM NO. S2:** Refer to Drawing No. S4.0 (Re-issued):
a. Updated details.

ARCHITECTURAL SPECIFICATION ITEMS:

- ITEM NO. AS1:** Refer to SPECIFICATION SETION 01100 Finish Hardware (Issued):
a. Removed alternate No. E1BV. This scope will now be base bid.

- ITEM NO. AS2:** Refer to SPECIFICATION SETION 08710 Finish Hardware (Issued):
- a. Refer to Finish Hardware section with Door Hardware Index and Hardware Sets.
 - b. NOTE: Contractor to provide ALL cores and Keying of all cores to the owners master system.

- ITEM NO. AS3:** Refer to SPECIFICATION SETION Door Hardware Index (Issued):
- a. Refer to Door Hardware Index and Hardware Sets with Finish Hardware section.

ARCHITECTURAL DRAWING ITEMS:

- ITEM NO. A1:** Refer to Drawing No. G4.2 (Re-issued):

- a. Revised demolition note #1.
- b. Revised new work note #29.
- c. Revised new work note #46.

- ITEM NO. A2:** Refer to Drawing No. AS1.0BV (Re-issued):

- a. Added note 15 at existing dumpster surround..

- ITEM NO. A3:** Refer to Drawing No. A1.1BV (Re-issued):

- a. Revised screen wall around chiller and generator.
- b. Generator is now base bid.

- ITEM NO. A4:** Refer to Drawing No. A1.1KB (Re-issued):

- a. Revised interior elevation tags in rooms A127, A129, A133, A137. Contractor to verify dimension prior to fabrication.

- ITEM NO. A5:** Refer to Drawing No. A1.2KB (Re-issued):

- a. Revised enlarged plan tag to read 1/A5.3KB.
- b. Revise section tag at drinking fountain to read 7/A1.2KB.
- c. Added section tags 12/5.3KB.

- ITEM NO. A6:** Refer to Drawing No. A2.2BV (Re-issued):

- a. Revised new ceiling grid.

- ITEM NO. A7:** Refer to Drawing No. A3.0BV (Re-issued):

- a. Added metal composite panel details, 3/A3.0BV and 4/A3.0BV.
- b. Added metal composite panel notes.

- ITEM NO. A8:** Refer to Drawing No. A2.1BV (Issued):

- a. See added sheet A2.1BV.

- ITEM NO. A9:** Refer to Drawing No. A5.1BV (Re-issued):

- a. Updated side elevation @ new entry 4/A5.1BV
- b. Updated column detail 12/A5.1BV

- ITEM NO. A10:** Refer to Drawing No. A5.1KB (Re-issued):
a. Added entry elevation 10/A5.1KB.
- ITEM NO. A11:** Refer to Drawing No. A5.4KB (Re-issued):
a. Revised details.
- ITEM NO. A12:** Refer to Drawing No. A7.2BV (Re-issued):
a. Added finish note 13 to schedule, Classrooms to receive area rugs as indicated.
- ITEM NO. A13:** Refer to Drawing No. A7.2KB (Re-issued):
a. Added finish note 11 to schedule, Classrooms to receive area rugs as indicated.
- ITEM NO. A14:** Refer to Drawing No. A8.2BV (Re-issued):
a. Refer to updated signage schedule.
- ITEM NO. A15:** Refer to Drawing No. A8.2KB (Re-issued):
a. Refer to updated signage schedule.

MECHANICAL DRAWING ITEMS:

- ITEM NO. M1:** Refer to drawing No. M2.1BV (re-issued):
a. Revise generator scope to be base bid.
- ITEM NO. M2:** Refer to drawing No. M6.2BV (re-issued):
a. Revise natural gas piping diagram as indicated.

ELECTRICAL DRAWING ITEMS:

- ITEM NO. E1:** Refer to drawing No. E2.1BV (re-issued):
a. Generator scope shall now be base bid.
b. Revised construction notes 7, 8, and 9.
- ITEM NO. E2:** Refer to drawing No. E2.2BV (re-issued):
a. Generator scope shall now be base bid.
b. Revised construction notes 7, 8, and 9.
- ITEM NO. E3:** Refer to drawing No. E3.1BV (re-issued):
a. Generator scope shall now be base bid.
b. Revised construction notes 14-20.
- ITEM NO. E4:** Refer to drawing No. E3.2BV (re-issued):
a. Generator scope shall now be base bid.
b. Revised construction notes 14-20.
c. Revised circuit for fire alarm control panel as indicated.

- ITEM NO. E5:** Refer to drawing No. E5.1BV (re-issued):
- a. Generator scope shall now be base bid.
 - b. Revised construction notes 1, 2, and 4 as indicated.
 - c. Revised circuit breaker size to be 200A, 3P as indicated.

END OF ADDENDUM NO. 1

Cc: Aaron Phillips, McCarthy & Smith

SECTION 01100 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Attention is directed to Division 0, Bidding and Contract Requirements, and to Division 1, General Requirements, which are hereby made a part of this Section.

1.02 DESCRIPTION OF WORK:

- A. This section identifies each Alternate by number, and describes the basic changes to be incorporated into the work, only when the Alternate is made a part of the work by specific provisions in the Owner-Contractor Agreement.
- B. Alternate schedule below is part of the Bidding Documents and will be considered in selection of Contractors and awarding contracts.
- C. Unless otherwise provided, Owner will accept or reject alternates within one hundred twenty (120) days of date of contract. Owner reserves the right to reject any or all alternates.

1.03 ALTERNATES:

A. General:

- 1. The descriptions for each alternate listed in the schedule are primarily scope definitions, and do not necessarily detail the full range of materials and processes needed to complete the work as required.
- 2. Refer to applicable specification sections (Division 2 through 16), and to applicable drawings, for specific requirements of the work, regardless of whether references are so noted in description of each alternative.
- 3. Coordinate pertinent related work and modify surrounding work as required to properly integrate the work under each Alternate, and to provide the complete construction required by Contract Documents.
- 4. Referenced sections of specifications stipulate pertinent requirements for products and methods to achieve the work stipulated under each Alternate.

B. Schedule:

1. **Alternate No. B1:** Provide cost to remove and replace existing plastic laminate casework with new plastic laminate casework in Music B149 at Beechview Elementary as indicated on the drawings.
2. **Alternate No. R1:** Provide cost to provide new single ply roof system at Beechview Elementary on areas indicated on the drawing A3.0BV.
3. **Alternate No. C1:** Provide cost to perform the paving replacement at Kenbrook Elementary in the south parking lot and drive as indicated on the Civil drawings.
4. **Alternate No. E1BV:** NOT USED
5. **Alternate No. E2BV:** Provide new sound systems in Gymnasium and Cafeteria for Beechview Elementary as indicated on the drawings.
6. **Alternate No. E1KB:** Provide new sound systems in Gymnasium and Cafeteria for Kenbrook Elementary as indicated on the drawings.

END OF SECTION 01100

SECTION 08710 - FINISH HARDWARE

PART 1 - GENERAL

1.1 Refer to "General and Special Conditions", and "Instructions to Bidders", Division 1 of Specifications. Requirements of these Sections and the project drawings shall govern work in this section.

1.2 Work Included:

A. Furnish all items of Finish Hardware specified, scheduled, shown or required herein except those items specifically excluded from this section of the specification.

B. Related work:

1. Division 00 00 00 - Procurement and Contracting Requirements
2. Division 01 00 00 - General Requirements
3. Division 06 00 00 - Wood, Plastics, and Composites
4. Division 08 00 00 - Openings
5. Division 10 00 00 - Specialties
6. Division 11 00 00 - Equipment
7. Division 26 00 00 - Electrical
8. Division 27 00 00 - Communications
9. Division 28 00 00 - Electronic Safety and Security

C. Specific Omissions: Hardware for the following is specified or indicated elsewhere, unless specifically listed in the hardware sets:

1. Cabinet Hardware.
2. Signs, except as noted.
3. Folding partitions, except cylinders where detailed.
4. Sliding aluminum doors
5. Chain link and wire mesh doors and gates
6. Access doors and panels
7. Overhead and Coiling doors

1.3 Quality Assurance

A. Requirements of Regulatory Agencies:

1. Furnish finish hardware to comply with the requirements of laws, codes, ordinances, and regulations of the governmental authorities having jurisdiction where such requirements exceed the requirements of the Specifications.
2. Furnish finish hardware to comply with the requirements of the regulations for public building accommodations for physically handicapped persons of the governmental authority having jurisdiction and to comply with Americans with Disabilities Act.
3. Provide hardware for fire-rated openings in compliance with NFPA 80 and state and local building code requirements. Provide only hardware that has been tested and listed by UL for types and sizes of doors required and complies with requirements of door and door frame labels.

B. Hardware Supplier:

1. Shall be an established firm dealing in contract builders' hardware. He must have adequate inventory, qualified personnel on staff and be located within 100 miles of the project. The distributor must be a factory-authorized dealer for all materials required. The supplier shall be or have in employment an Architectural Hardware Consultant (AHC).

C. Electrified Door Hardware Supplier:

1. Shall be an experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design, and extent to that indicated for this project, whose work has resulted in construction with a record of successful in-service performance, and who is acceptable to manufacturer of primary materials.
2. Shall prepare data for electrified door hardware, including shop drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this project.

3. Shall have experience in providing consulting services for electrified door hardware installations.

D. Pre-installation Meeting:

1. Before hardware installation, General Contractor/Construction Manager will request a hardware installation meeting be conducted on the installation of hardware; specifically that of locksets, closers, exit devices, overhead stops and coordinators. Manufacturer's representatives of the above products, in conjunction with the hardware supplier for the project, shall conduct the meeting. Meeting to be held at job site and attended by installers of hardware for aluminum, hollow metal and wood doors. Meeting to address proper coordination and installation of hardware, per finish hardware schedule for this specific project, by using installation manuals, hardware schedule, templates, physical product samples and installation videos.
2. When any electrical or pneumatic hardware is specified this meeting shall also include the following trades/installers: Electrical, Security, Alarm systems and Architect.
3. Convene one week or more prior to commencing work of this Section.
4. The Hardware Supplier shall include the cost of this meeting in his proposal.

E. Manufacturer:

1. Obtain each type of hardware (latch and locksets, hinges, closers, etc.) from a single manufacturer, although several may be indicated as offering products complying with requirements.
2. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated.

1.4 Submittals:

A. Hardware Schedule

1. Submit number of Hardware Schedules as directed in Division 1.
2. Follow guidelines established in Door & Hardware Institute Handbook (DHI) Sequence and Format for the Hardware Schedule unless noted otherwise.
3. Schedule will include the following:
 - a. Door Index including opening numbers and the assigned Finish Hardware set.
 - b. Preface sheet listing category only and manufacturer's names of items being furnished as follows:

CATEGORY	SPECIFIED	SCHEDULED
Hinges	Manufacturer A	Manufacturer B
Lock sets	Manufacturer X	Manufacturer X
Kick Plates	Open	Manufacturer Z

- c. Hardware Locations: Refer to Article 3.1 B.2 Locations.
- d. Opening Description: Single or pair, number, room locations, hand, active leaf, degree of swing, size, door material, frame material, and UL listing.
- e. Hardware Description: Quantity, category, product number, fasteners, and finish.
- f. Headings that refer to the specified Hardware Set Numbers.
- g. Scheduling Sequence shown in Hardware Sets.
- h. Product data of each hardware item, and shop drawings where required, for special conditions and specialty hardware.
- i. Electrified Hardware system operation description.
- j. "Vertical" scheduling format only. "Horizontal" schedules will be returned "Not Approved."

- k. Typed Copy.
- l. Double-Spacing.
- m. 8-1/2 x 11 inch sheets
- n. U.S. Standard Finish symbols or BHMA Finish symbols.

B. Product Data:

- 1. Submit, in booklet form Manufacturers Catalog cut sheets of scheduled hardware.
- 2. Submit product data with hardware schedule.

C. Samples:

- 1. Prior to submittal of the final hardware schedule and prior to final ordering of finish hardware, submit one sample, if required, of each type of exposed hardware unit, finished as required and tagged with full description for coordination with schedule.
- 2. Samples will be returned to the supplier. Units, which are acceptable and remain undamaged through submittal, review and field comparison procedures may, after final check of operation, be used in the work, within limitations of keying coordination requirements.

D. Key Schedule:

- 1. Submit detailed schedule indicating clearly how the Owner's final keying instructions have been followed.
- 2. Submit as a separate schedule.

E. Electrified Hardware Drawings:

- 1. Submit elevation drawings showing relationship of all electrical hardware components to door and frame. Indicate number and gage of wires required.
 - a. Include wiring drawing showing point to point wire hook up for all components.
 - b. Include system operations descriptions for each type of opening; describe each possible condition.

F. Submit to General Contractor/Construction Manager, the factory order acknowledgement numbers for the various hardware items to be used on the project. The factory

order acknowledgement numbers shall help to facilitate and expedite any service that may be required on a particular hardware item. General Contractor/Construction Manager shall keep these order acknowledgement numbers on file in the construction trailer.

1.5 Product Delivery, Storage, and Handling:

- A. Label each item of hardware with the appropriate door number and Hardware Schedule heading number, and deliver to the installer so designated by the contractor.

1.6 Where existing doors, frames and/or hardware are to remain, conditions, preparations and functions shall be field verified to confirm compatibility with specified hardware. Where any incompatibility is discovered, notify the contractor or construction manager immediately and provide a suggested solution based on industry standard business practices.

1.7 Warranties:

- A. Refer to Division 1 for warranty requirements.
- B. Special Warranty Periods:
 - 1. Closers shall carry manufacturer's 30-year warranty against manufacturing defects and workmanship.
 - 2. Locksets shall carry manufacturer's 3-year warranty against manufacturing defects and workmanship.
 - 3. Continuous gear hinges shall carry manufacturer's lifetime warranty to be free from defects in material and workmanship.
 - 4. Balance of items shall carry a manufacturer's 1-year warranty against manufacturing defects and workmanship.
- C. During the warranty period, replace defective work, including labor, materials and other costs incidental to the work.

PART 2 - PRODUCT

2.1 Furnish each category with the products of only one manufacturer unless specified otherwise; this requirement is mandatory whether various manufacturers are listed or not.

2.2 Provide the products of manufacturer designated or if more than one manufacturer is listed, the comparable product of one of the other manufacturers listed. Where only one manufacturer or product is listed, it is understood that this is the owner's Building Standard and "no substitution" is allowed.

A. Hinges:

1. Furnish hinges of class and size as listed in sets.
2. Numbers used are Ives (IVE).
3. Equal products by Stanley and Hager are also acceptable.

B. Continuous Gear Hinge:

1. 6063-T6 aluminum alloy, anodized finish (cap on entire hinge painted if specified). Manufacture to template, uncut hinges non-handed, pinless assembly, three interlocking extrusions, full height of door and frame, lubricated polyacetal thrust bearing, fasteners 410 stainless steel plated and hardened. All hinge profiles to be manufactured to template bearing locations, with standard duty bearing configurations at 5-1/8" spacing with a minimum of 16 bearings: and heavy duty at 2-9/16" spacing with a minimum of 32 bearings. Anodizing of material shall be done after fabrication of components so that all bearing slots are anodized.
2. Length: 1" less than door opening height. Fastener 12-24 x 1/2" #3 Phillips keen form stainless steel self-tapping at aluminum and hollow metal doors, 12- 1/2" #3 Philips, flathead full thread at wood doors.
3. Furnish fire rated hinges "FR" at labeled openings.

4. Numbers used are Ives.
 - a. For Wood and Hollow Metal frames;
 - 1) Ives 224HD
 - 2) Equal products by Hager & Select will also be accepted.
 - b. For Aluminum frames;
 - 1) Ives 112HD
 - 2) Equal products by Hager & Select will also be accepted.
- C. Flush Bolts:
 1. Constant Latching: metal doors:
 - a. Ives FB50 Series
 - b. Equal product of any B.H.M.A. member.
 2. Constant Latching: wood doors:
 - a. Ives FB60 Series
 - b. Equal product of any B.H.M.A. member.
 3. Manual - wood and metal doors:
 - a. Ives FB458 Series
 - b. Equal product of any B.H.M.A. member.
 4. Dust Proof Strikes - furnish with all flush bolts, except at openings having thresholds:
 - a. Ives DP2
 - b. Equal product of any B.H.M.A. member.
- D. Locksets and Latchsets - Mortise Type:
 1. Locksets shall be manufactured from heavy gauge steel, minimum lockcase thickness 1/8", containing components of steel with a zinc dichromate plating for corrosion resistance.
 2. Locks are to have a standard 2 3/4" backset with a full 3/4" throw two-piece stainless steel mechanical anti-friction latchbolt. Deadbolt shall be a full 1" throw, constructed of stainless steel.
 3. Lockcase shall be easily handed without chassis disassembly by removing handing screw on lockcase and installing in opposite location on reverse side. Changing of door hand bevel from standard to reverse hand shall be done by removing the lockcase scalp plate, and pulling and rotating the latchbolt 180 degrees.
 4. Lock trim shall be through-bolted to the door to assure correct alignment and proper operation. Lever

- trim shall have external spring cage mechanism to assist in support of the lever weight. Thumb turns shall have "EZ" thumbturn equal to Schlage L583-363.
5. Function numbers are Schlage.
 - a. Schlage L9000
 6. Lockset Trim:
 - a. Schlage 06A
 7. Provide strikes with extended lips where required to protect trim from being marred by latch bolt. Provide strike lips that do not project more than 1/8" beyond door frame trim at single doors and have 7/8" lip to center at pairs of 1-3/4" doors.
 8. All lock functions shall be verified with the Owner prior to ordering any material. The supplier will include any related costs in their proposal.

E. Exit Devices:

1. Exit devices shall be touchpad style, fabricated of brass, bronze, stainless steel, or aluminum, plated to the standard architectural finishes to match the balance of the door hardware.
2. All exit devices shall incorporate a fluid damper, which decelerates the touchpad on its return stroke and eliminates noise associated with exit device operation. Touchpad shall extend a minimum of one half of the door width. All latchbolts to be deadlatching type, with a self-lubricating coating to reduce wear.
3. End-cap will be sloped to deflect any impact from carts and they shall be flush with the external mechanism case. End caps that overlap and project above the mechanism case are unacceptable. End cap shall utilize a two-point attachment to the mounting bracket.
4. Touchpad shall match exit device finish, and shall be stainless steel for US26, US26D, US28, US32, and US32D finishes. Only compression springs will be used in devices, latches, and outside trims or controls.
5. Plastic templates shall be included with each exit device to facilitate a quick, easy and accurate installation.

6. Strikes shall be roller type and come complete with a locking plate to prevent movement.
7. All rim and vertical rod exit devices shall have passed a 5 million(5,000,000) cycle test based on ANSI A156.3, 1994, Grade 1 test standards and certified by an independent testing lab.
8. All mortise exit devices shall have passed a 10 million(10,000,000)cycle test based on ANSI A156.3, 1994, Grade 1 test standards and certified by an independent testing lab.
9. Provide cylinder dogging on panic exit hardware where noted in hardware sets.
10. Exit devices shall be UL listed panic exit hardware. All exit devices for fire rated openings shall be UL labeled fire exit hardware.
11. Lever trim for exit devices shall be vandal-resistant type, which will travel to a 90-degree down position when more than 35 pounds of torque are applied, and which can easily be re-set.
12. Von Duprin 98 Series. Series and function numbers as listed in sets.
13. Trim:
 - a. As specified in sets.
 - b. Levers to match lockset design where specified.

F. Removable Mullion:

- a. Interior/Exterior, mullion is removable only through the use of building keys.
 - 1) Von Duprin KR4954
- b. Interior Doors - UL listed, Mullion is removable only through the use of building keys.
 - 1) Von Duprin KR9954

G. Push and Pull Hardware:

1. Push Plates: Ives 8200 Series 4 x 16 x .050 inches.
2. Push Bars: Von Duprin 330/350
3. Push-Pull Units: One inch round rod. Push: Straight push bar, Pull: 90 degree offset, 12 inch centers. Attach top post of pull back to back with latch stile end of push bar, bottom post of pull and hinge stile end of push bar with end caps.
4. Pull, Offset: One inch round rod, 90 degree offset, 12 inch centers.

5. Pulls: One inch round rod, straight 12 inch centers.
6. Pull Plates: Ives 8302-8 4 x 16 x .050 inches. 8" center.
7. Pull, Bi-Fold: Dummy Lever Trims. Levers to match lockset lever design.
8. Pull, Wire: 3/4 inch diameter, 6 inch centers.
9. Vandal Resistant Pulls: Ives VR900 Series. Stainless steel construction 0.120 inches thick.
10. Manufacturer: Provide push and pull hardware from any member of B.H.M.A.

H. Coordinator - Frame Stop Mounted:

1. Door coordinator shall prevent the active door from closing before inactive door. Stop mounted channel 1-5/8" x 5/8" steel tubing x length to suit door opening. Coordinator shall be UL listed. Furnish filler bars to fill gap between end of coordinator and inactive door frame. Furnish mounting brackets for all stop mounted hardware such as exit device strikes, door closer PA shoes, etc. Coordinators shall be prepared (cutout) at the factory for surface applied or concealed vertical rod panic devices if required.
2. Furnish with carry bar CB1 when required for proper operation.
 - a. Ives COR x length to suit.
 - b. Equal products of any BHMA manufacturer

I. Electric Strike:

1. Electric strikes shall provide remote release of latchbolts. They shall be designed for use with the type locks shown at each opening where required. Strikes will be UL Listed for Burglary-Resistant Electric Door Strike, and where required, shall be UL listed as electric strikes for Fire Doors or Frames. Faceplates shall be stainless steel with finish as specified for each opening. The locking components shall be stainless steel to resist damage and abuse.
2. Solenoids shall be of the continuous duty type for the voltage specified. Plug connectors will be furnished. Strikes shall have an adjustable backbox to compensate for misalignment of door and frame.
3. Numbers used in sets are Von Duprin.

a. Von Duprin 6000 series

J. Electric Power Transfer:

1. Transfer power from door frame to edge of door, UL listed R4504.
2. Von Duprin EPT

K. Closers:

1. Door closers shall have fully hydraulic, full rack and pinion action with a high strength cast iron cylinder. Cylinder body shall be 1 ½" in diameter, and double heat treated pinion shall be 11/16" in diameter with double D slab drive arm connection.
2. Hydraulic fluid shall be of a type requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
3. Spring power shall be continuously adjustable over the full range of closer sizes, and allow for reduced opening force for the physically handicapped. Hydraulic regulation shall be by tamper-proof, non-critical valves. Closers shall have separate adjustment for latch speed, general speed, and backcheck.
4. All closers shall have solid forged steel main arms (and forged forearms for parallel arm closers).
5. All surface mounted mechanical closers shall be certified to exceed ten million (10,000,000) full load cycles by a recognized independent testing laboratory.
6. Closers will have Powder coating finish certified to exceed 100 hours salt spray testing by ETL, an independent testing laboratory used by BHMA for ANSI certification.
7. Refer to door and frame details and furnish accessories such as drop plates, panel adapters, spacers and supports as required to correctly install door closers. State degree of door swing in the hardware schedule.
8. LCN Series as listed in sets.

L. ADA Special Closers:

1. Where "Low Energy Power Operated Door" as defined by ANSI Standard A156.19 is indicated for doors required to be accessible to the disabled, provide electrically powered operators complying with the ADA requirements for opening force and time to close standards.
2. Full closing force shall be provided when the power or assist cycle ends.
3. Modular design, adjustments easily accessible from the front, UL listed for use on labeled doors.
4. Shall have "Second Chance" function to accommodate momentary resistance, "Breakaway" function in the electronically controlled clutch, "Soft Start" motor control function and "Maintain Hold-Open Switch" to hold the door open at 90 degree.
5. Shall have built in 12V and 24V power supply for actuators, card readers, electric strikes and magnetic door locks, inputs for both swing and stop side sensors and available to accept either 120VAC or 220VAC input power. All wiring connections between operator modules made by easy-to-handle electrical connectors. Shall comply with both UL and NEC requirements for Class 1 and Class 2 wiring by providing separate conduits for each.
6. Shall have seven independent electronic adjustments to tailor the operator for specific site conditions. Opening speed, holding force at 90 deg., sequential trigger and time delay, hold-open time at 90 deg., opening force, clutch "breakaway" force setting, electric strike trigger and time delay.
7. Shall have separate and independent adjustments for back check, main speed and latch speed.
8. LCN Series as listed in sets.
9. Furnish actuators and other controls as shown in Hardware Sets.

M. Overhead Holders and Stops:

1. Type, function and fasteners must be same as Glynn-Johnson specified. Size per manufacturer's selector chart. Plastic end caps, hold open mechanisms and shock blocks are not allowed. End caps must be finished same as balance of unit.

2. Manufacture products using base material of Brass/Bronze for US3, US4, & US10B finished products and 300 Stainless Steel for US32 & US32D finished products.
3. Type, function, and fasteners must be the same as Glynn-Johnson specified. Size per manufacturer's selector chart.
 - a. Glynn-Johnson

N. Kick Plates:

1. Furnish .050 inches thick, beveled four sides, countersunk fasteners, 10" high x door width less 2" at single doors and less 1" at pairs. Where glass or louvers prevent this height, supply with height equal to height of bottom rail less 2".
2. Any BHMA manufacturing product meeting above is acceptable.

O. Armor Plates:

1. Provide .050 inches thick, B4E, 36" x door width less 2" at single doors and 1" less door width at pairs. At exit devices provide height to bottom of exit device cases. At locksets, latchsets, or push pull latches, cut for rose or escutcheon. Bevel top edges of all plates.

P. Wall Stops:

1. Length to exceed projection of all other hardware. Provide with threaded studs and expansion shields for masonry wall construction. Install with slope at top.
 - a. Ives WS33(X)
 - b. BHMA L12011 or L12021

Q. Wall Holders:

1. Products specified by series only; furnish strike length to exceed projection of all other hardware.
 - a. Ives WS40
 - b. Equal products of any BHMA manufacturer

R. Door Holding Magnets:

1. Electrically controlled, fail-safe, holds door open until current is interrupted.
2. Units will have 35 lbs of holding force.
3. Units will be "tri-voltage", 12VDC, 24VAC/DC & 120VAC.
4. Furnish model to hold door away from wall to allow for any trim or levers on pull side of door.
 - a. LCN SEM 7800 series

S. Thresholds:

1. 1/2" high - 7.5" wide. Cope at jambs.
2. Furnish full wall opening width when frames are recessed.
3. Cope in front of mullions if thresholds project beyond door faces.
4. Furnish with non-ferrous Stainless Steel Screws and Lead Anchors.
 - a. National Guard as listed in sets
 - b. Equal of Zero or Reese

T. Door Sweeps:

1. Surface Sweeps:
 - a. National Guard as listed in sets
 - b. Equal by Zero or Reese

U. Weather-stripping:

1. Apply to head and jamb stops.
2. Solid Bar stock all sides
 - a. National Guard as listed in sets
 - b. Equal by Zero or Reese

V. Meeting Stile Weather-stripping:

1. 2 Pc. Nylon brush type to seal gap between pairs of doors.
 - a. National Guard as listed in sets
 - b. Equal by Zero or Reese

W. Astragal:

1. Stainless steel, type 304, Finish 2B. 12 gauge 1-5/8 inch wide. #10 x 3/4" st. sheet metal screws.

- a. National Guard as listed in sets
- b. Equal by Zero or Reese

X. Astragal, Sound:

- 1. Overlapping type.
 - a. National Guard as listed in sets
 - b. Equal by Zero or Reese
- 2. Meeting stile type.
 - a. National Guard as listed in sets
 - b. Equal by Zero or Reese

Y. Sound Seal:

- 1. Adjustable type perimeter seal.
 - a. National Guard as listed in sets
 - b. Equal by Zero by Reese

Z. Lock Protector:

- 1. Lock protector shall eliminate gap between door and frame. No exposed fasteners on face of unit.
 - a. Ives LG series

AA. Automatic Door Bottoms:

- 1. Surface: Provide UL approved at all fire doors.
 - a. National Guard as listed in sets.
 - b. Equal by Zero by Reese

BB. Miscellaneous:

- 1. Furnish items not categorized in the above descriptions but specified by manufacturer's names in Hardware Sets.

CC. Fasteners:

- 1. Furnish fasteners of the proper type, size, quantity and finish. Use machine screws and expansion shields for attaching hardware to concrete or masonry, and wall grip inserts at hollow wall construction. Furnish machine screws for attachment to reinforced hollow metal doors and frames and reinforced aluminum doors and frames. Furnish full thread wood screws for

attachment to solid wood doors and frames. "TEK" type screws are not acceptable.

- 2. Sex bolts will not be permitted on reinforced metal doors or wood doors where blocking is specified.**

2.3 Finishes:

- A. Generally, Dull Chrome, US26D / BHMA 626. Provide finish for each item as indicated in sets.

2.4 Templates and Hardware Location:

- A. Furnish hardware made to template. Supply required templates and hardware locations to the door and frame manufacturers.
- B. Furnish metal template to frame/door supplier for continuous hinge.
- C. Refer to Article 3.1 B.2, Locations, and coordinate with templates.

2.5 Cylinders and Keying:

- A. All cylinders for this project will be supplied by one supplier regardless of door type and location.
- B. Provide a cylinder for all hardware components capable of being locked.
- C. Provide cylinder cores and keys "0" bitted for Owners keying. Provide keys and cores to match the existing Schlage Restricted system according to Owner's instructions. Provide minimum of two (2) keys per cylinder or as otherwise required by Owner.
- D. Provide cylinders with construction cores or keying for use during the construction period. The Owner's security department or representative will convert construction cores or keying to the final system.

PART 3 - EXECUTION

3.1 Installation

A. General:

1. Install hardware according to manufacturers installations and template dimensions. Attach all items of finish hardware to doors, frames, walls, etc. with fasteners furnished and required by the manufacture of the item.
2. Provide blocking/reinforcement for all wall mounted Hardware.
3. Reinforced hollow metal doors and frames and reinforced aluminum door and frames will be drilled and tapped for machine screws.
4. Solid wood doors and frames: full thread wood screws. Drill pilot holes before inserting screws.
5. Continuous gear hinges attached to hollow metal doors and frames and aluminum doors and frames: 12-24 x 1/2" #3 Phillips Keenform self-tapping. Use #13 or 3/16 drill for pilot.
6. Continuous Gear Hinges require continuous mortar guards of foam or cardboard 1/2" thick x frame height, applied with construction adhesive.
7. Install weather-strip gasket prior to parallel arm closer bracket, rim exit device or any stop mounted hardware. Gasket to provide a continuous seal around perimeter of door opening. Allow for gasket when installing finish hardware. Door closers will require special templating. Exit devices will require adjustment in backset.

B. Locations:

1. Dimensions are from finish floor to center line of items.
2. Include this list in Hardware Schedule.

CATEGORY

DIMENSION

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Standard	Hinges	Door Manufacturer's
	Flush Bolt Levers	72" and 12"
Standard	Levers	Door Manufacturer's
	Exit Device Touchbar	Per Template
	Deadlatch Cylinder with push-pull.	43" unless conflicting
	Deadlock MS Cylinder with push-pull.	43" unless conflicting
	Hospital Push-Pull	Manufacturer's Template
	Roller Latch	At Head
Pull	Push-Pull Units	42" to centerline of
	Offset Pulls	Suitable for Exit
Devices	Pulls - Flush Cup	46"
	Pulls (BTB)	46"
	Push-Pulls	46"
	Push Plates	52"
	Pull Plates	42"
	Wire Pulls	42"
	Wall Stops/Holders	At Head
	Astragals	Pull side of active leaf
	Trim Protector Bars lever handle	Push side of door below

Lock Protectors

Pull side of door

C. Field Quality Inspection:

1. Inspect material furnished, its installation and adjustment, and instruct the Owner's personnel in adjustment, care and maintenance of hardware.
2. Locksets and exit devices shall be inspected after installation and after the HVAC system is in operation and balanced, to insure correct installation and proper operation.
3. Closers shall be inspected and adjusted after the HVAC system is in operation and balanced, to insure correct installation and proper operation.
4. A written report stating compliance, and also locations and kinds of noncompliance shall be forwarded to the Architect with copies to the Contractor, hardware distributor, hardware installer and building owner.

D. Technical and Warranty Information:

1. At the completion of the project, the technical and warranty information coalesced and kept on file by the General Contractor/Construction Manager shall be given to the Owner or Owner's Agent. In addition to both the technical and warranty information, all factory order acknowledgement numbers supplied to the General Contractor/Construction Manager during the construction period shall be given to the Owner or Owner's Agent. The warranty information and factory order acknowledgement numbers shall serve to both expedite and properly execute any warranty work that may be required on the various hardware items supplied on the project.
2. Submit to General Contractor/Construction Manager, two copies each of parts and service manuals and two each of any special installation or adjustment tools. Include for locksets, exit devices, door closers and any electrical products.

3.2 Hardware Sets:

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HARDWARE SET NO. 01

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	WALL STOP	WS404	626	IVE

COORDINATE STOP REQUIREMENT WITH ADJACENT CONDITIONS.

HARDWARE SET NO. 02

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 06A L583-363	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 03

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 06A L583-363	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 04

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EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIV W/DB COIN TURN	L9444 06A L583-363 L283- 722	626	SCH
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 05

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 06A	626	SCH
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 06

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 07

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 06A L583-363	626	SCH
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE

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HARDWARE SET NO. 08

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 09

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DB & IND	L9456BDC 06A L583-363 L283-722	626	SCH
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 10

EACH TO HAVE:

2	EA	CONT. HINGE	112HD	710	IVE
1	EA	KEYED REMOVABLE MULLION	KR4954-STAB	695	VON
1	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MD	313	VON
1	EA	SFIC MORTISE CYL.	80-102	613	SCH
1	EA	SFIC RIM HOUSING	80-129	613	SCH
2	EA	FINAL CORE	(OWNER PROVIDED)		
2	EA	CONCEALED PULL	(BY DOOR MFR)		

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2	EA	SURFACE CLOSER	4111 SCUSH	695	LCN
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	EA	MULLION SEAL	5100	BLK	NGP
2	EA	DOOR SWEEP	600A	DKB	NGP
1	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 11

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 12

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 13

EACH TO HAVE:

1	EA	CONT. HINGE	112HD	710	IVE
1	EA	STOREROOM LOCK	L9080BDC LLL 06A L283-150	613	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	CONCEALED PULL	(BY DOOR MFR)		

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1	EA	SURFACE CLOSER	4111 SHCUSH SRI	695	LCN
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	EA	DOOR SWEEP	600A	DKB	NGP
1	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 14

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	OH STOP	90S	630	GLY
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE

HARDWARE SET NO. 15

EACH TO HAVE:

1	EA	CONT. HINGE	112HD	710	IVE
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MD	313	VON
1	EA	SFIC RIM HOUSING	80-129	613	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4111 EDA	695	LCN
1	EA	WALL STOP	WS11X	613	IVE
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	EA	DOOR SWEEP	600A	DKB	NGP
1	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 16

EACH TO HAVE:

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3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 17

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA	FIRE EXIT HARDWARE	9827-L-F-LBR-06-499F-SNB	626	VON
2	EA	SFIC RIM HOUSING	80-129	626	SCH
2	EA	SURFACE CLOSER	4111 EDA	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 18

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4111 SCUSH	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 19

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 06A L583-363	626	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	SURFACE CLOSER	4111 EDA	689	LCN

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1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 20

EACH TO HAVE:

2	EA	CONT. HINGE	112HD	710	IVE
1	EA	KEYED REMOVABLE MULLION	KR4954-STAB	695	VON
2	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	SFIC MORTISE CYL.	80-102	613	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
2	EA	CONCEALED PULL	(BY DOOR MFR)		
2	EA	SURFACE CLOSER	4111 SCUSH	695	LCN
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	EA	MULLION SEAL	5100	BLK	NGP
2	EA	DOOR SWEEP	600A	DKB	NGP
1	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 21

EACH TO HAVE:

1	EA	CONT. HINGE	112HD	710	IVE
1	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	SURFACE CLOSER	4111 SCUSH	695	LCN
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	EA	DOOR SWEEP	600A	DKB	NGP
1	EA	THRESHOLD	425HD	DKB	NGP

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HARDWARE SET NO. 22

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	OH STOP	450S	652	GLY

HARDWARE SET NO. 23

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	DBL CYL STORE W/DB	L9466BDC 06A	626	SCH
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE

HARDWARE SET NO. 24

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIV W/DB COIN TURN	L9444 06A L583-363 L283- 722	626	SCH
1	EA	OH STOP	450S	652	GLY

HARDWARE SET NO. 25

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PUSH PLATE	8200 4" X 16"	630	IVE
1	EA	PULL PLATE	8302 8" 4" X 16"	630	IVE
1	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

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HARDWARE SET NO. 26

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	DBL CYL STORE W/DB	L9466BDC 06A	626	SCH
2	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 27

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 06A	626	SCH
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE

HARDWARE SET NO. 28

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	SET	CONST LATCHING BOLT	FB62	630	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	COORDINATOR	COR X FL	628	IVE
2	EA	MOUNTING BRACKET	MB	689	IVE
1	EA	OH STOP	90S	630	GLY
2	EA	SURFACE CLOSER	4011	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

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HARDWARE SET NO. 29

EACH TO HAVE:

1	EA	CONT. HINGE	112HD	710	IVE
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MDWH	313	VON
1	EA	SFIC RIM HOUSING	80-129	613	SCH
1	EA	FINAL CORE	(OWNER PROVIDED)		
1	EA	CONCEALED PULL	(BY DOOR MFR)		
1	EA	SURFACE CLOSER	4011T	695	LCN
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	EA	DOOR SWEEP	600A	DKB	NGP
1	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 30

EACH TO HAVE:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	DUMMY PUSH BAR	350	626	VON
2	EA	CONCEALED PULL	(BY DOOR MFR)		
2	EA	SURFACE CLOSER	4111 EDA	695	LCN
2	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 31

EACH TO HAVE:

2	EA	CONT. HINGE	112HD	710	IVE
1	EA	KEYED REMOVABLE MULLION	KR4854-B-STAB	695	VON
1	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MD	313	VON
1	EA	SFIC MORTISE CYL.	80-102	613	SCH
1	EA	SFIC RIM HOUSING	80-129	613	SCH
1	EA	ELECTRIC STRIKE	9600 LBSM FSE	613	HES

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2	EA	DOOR PULL, 1" ROUND	8103HD 12" O	613	IVE
1	EA	OH STOP	100S	613	GLY
1	EA	OH STOP	100SE	613	GLY
1	EA	SURFACE CLOSER	4021	695	LCN
1	EA	SURF. AUTO OPERATOR	4642 WMS	695	LCN
1	EA	MOUNTING PLATE	4020-18G	695	LCN
1	EA	WEATHER RING	8310-801	PLA	LCN
2	EA	ACTUATOR, WALL MOUNT	8310-853T	630	LCN
1	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
1	EA	MULLION SEAL	5100	BLK	NGP
2	EA	DOOR SWEEP	600A	DKB	NGP
1	EA	THRESHOLD	425HD	DKB	NGP
1	EA	ACCESS CONTROL	(PROVIDED BY SECURITY CONTRACTOR)		

PRESENTING AN AUTHORIZED CREDENTIAL WILL ENERGIZE THE ELECTRIC STRIKE AND ALLOW ACCESS. FREE EGRESS IS ALWAYS ALLOWED. THE OUTSIDE AUTOMATIC OPERATOR ACTUATOR IS ENABLED ONLY WHEN THE ELECTRIC STRIKE IS ENERGIZED. THE INSIDE AUTOMATIC OPERATOR ACTUATOR IS ALWAYS ENABLED.

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT AND ALL RELATED TRADES.

HARDWARE SET NO. 32

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA	FIRE EXIT HARDWARE	98-L-F-06-SNB	626	VON
2	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	SURFACE CLOSER	4111 SCUSH	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

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HARDWARE SET NO. 33

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA	FIRE EXIT HARDWARE	98-L-F-06-SNB	626	VON
2	EA	SFIC RIM HOUSING	80-129	626	SCH
2	EA	SURFACE CLOSER	4111 EDA	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
2	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 34

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FIRE EXIT HARDWARE	98-L-BE-F-06-SNB	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 35

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DB & IND	L9456BDC 06A L583-363 L283-722	626	SCH
1	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE
1	SET	SEALS	2525C 17'	CLR	NGP

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HARDWARE SET NO. 36

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 06A L583-363	626	SCH
1	EA	OH STOP	450S	652	GLY

HARDWARE SET NO. 37

EACH TO HAVE:

2	EA	CONT. HINGE	112HD	710	IVE
1	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MD	313	VON
1	EA	SFIC MORTISE CYL.	80-102	613	SCH
1	EA	SFIC RIM HOUSING	80-129	613	SCH
2	EA	FINAL CORE	(OWNER PROVIDED)		
2	EA	CONCEALED PULL	(BY DOOR MFR)		
2	EA	SURFACE CLOSER	4111 SCUSH	695	LCN
2	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
2	EA	DOOR SWEEP	600A	DKB	NGP
2	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 38

EACH TO HAVE:

2	EA	CONT. HINGE	112HD	710	IVE
1	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MD	313	VON
1	EA	SFIC MORTISE CYL.	80-102	613	SCH
1	EA	SFIC RIM HOUSING	80-129	613	SCH
2	EA	FINAL CORE	(OWNER PROVIDED)		
2	EA	CONCEALED PULL	(BY DOOR MFR)		
1	EA	SURFACE CLOSER	4111 EDA	695	LCN

FARMINGTON PUBLIC SCHOOLS
2018 RENOVATIONS-BID PACK #9
ELEMENTARY SCHOOLS

171712A

NOVEMBER 21, 2017

1	EA	SURFACE CLOSER	4111 SCUSH	695	LCN
1	EA	WALL STOP	WS11X	613	IVE
2	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
2	EA	DOOR SWEEP	600A	DKB	NGP
2	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 39

EACH TO HAVE:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	DUMMY PUSH BAR	350	626	VON
2	EA	CONCEALED PULL	(BY DOOR MFR)		
1	EA	SURFACE CLOSER	4111 EDA	695	LCN
1	EA	SURFACE CLOSER	4111 SCUSH	689	LCN
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 40

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
2	EA	FINAL CORE	(OWNER PROVIDED)		
2	EA	OH STOP	90S	630	GLY
2	EA	SURFACE CLOSER	4011	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE

HARDWARE SET NO. 41

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA	DUMMY PUSH BAR	350	626	VON
2	EA	DOOR PULL, 1" ROUND	8103HD 12" O	630	IVE

FARMINGTON PUBLIC SCHOOLS
2018 RENOVATIONS-BID PACK #9
ELEMENTARY SCHOOLS

171712A

NOVEMBER 21, 2017

2	EA	SURFACE CLOSER	4111 SCUSH	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE

HARDWARE SET NO. 42

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA	DUMMY PUSH BAR	350	626	VON
2	EA	DOOR PULL, 1"	8103HD 12" O	630	IVE
		ROUND			
1	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	SURFACE CLOSER	4111 SCUSH	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 43

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA	DUMMY PUSH BAR	350	626	VON
2	EA	DOOR PULL, 1"	8103HD 12" O	630	IVE
		ROUND			
2	EA	SURFACE CLOSER	4111 EDA	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
2	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 44

EACH TO HAVE:

2	EA	CONT. HINGE	112HD	710	IVE
1	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MD	313	VON
1	EA	SFIC MORTISE	80-102	613	SCH
		CYL.			

FARMINGTON PUBLIC SCHOOLS
2018 RENOVATIONS-BID PACK #9
ELEMENTARY SCHOOLS

171712A

NOVEMBER 21, 2017

1	EA	SFIC RIM HOUSING	80-129	613	SCH
2	EA	FINAL CORE	(OWNER PROVIDED)		
2	EA	CONCEALED PULL	(BY DOOR MFR)		
2	EA	SURFACE CLOSER	4111 EDA	695	LCN
2	EA	WALL STOP	WS11X	613	IVE
2	SET	WEATHER SEAL	(PROVIDED BY THE DOOR & FRAME MFR)		
2	EA	DOOR SWEEP	600A	DKB	NGP
2	EA	THRESHOLD	425HD	DKB	NGP

HARDWARE SET NO. 45

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIV W/DB COIN TURN	L9444 06A L583-363 L283- 722	626	SCH
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

HARDWARE SET NO. 46

EACH TO HAVE:

2	EA	CONT. HINGE	112HD	710	IVE
1	EA	KEYED REMOVABLE MULLION	KR4854-B-STAB	695	VON
1	EA	PANIC HARDWARE	HDSI-98-EO	313	VON
1	EA	PANIC HARDWARE	HDSI-98-NL-OP-110MD	313	VON
1	EA	SFIC MORTISE CYL.	80-102	613	SCH
1	EA	SFIC RIM HOUSING	80-129	613	SCH
1	EA	ELECTRIC STRIKE	9600 LBSM FSE	613	HES
2	EA	DOOR PULL, 1" ROUND	8103HD 12" O	613	IVE
1	EA	OH STOP	100S	613	GLY
1	EA	OH STOP	100SE	613	GLY
1	EA	SURFACE CLOSER	4021	695	LCN

FARMINGTON PUBLIC SCHOOLS
2018 RENOVATIONS-BID PACK #9
ELEMENTARY SCHOOLS

171712A

NOVEMBER 21, 2017

1	EA	SURF. AUTO OPERATOR	4642 WMS	695	LCN
1	EA	MOUNTING PLATE	4020-18G	695	LCN
2	EA	ACTUATOR, WALL MOUNT	8310-853T	630	LCN
1	EA	ACCESS CONTROL	(PROVIDED BY SECURITY CONTRACTOR)		

PRESENTING AN AUTHORIZED CREDENTIAL WILL ENERGIZE THE ELECTRIC STRIKE AND ALLOW ACCESS. FREE EGRESS IS ALWAYS ALLOWED. THE OUTSIDE AUTOMATIC OPERATOR ACTUATOR IS ENABLED ONLY WHEN THE ELECTRIC STRIKE IS ENERGIZED. THE INSIDE AUTOMATIC OPERATOR ACTUATOR IS ALWAYS ENABLED.

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT AND ALL RELATED TRADES.

HARDWARE SET NO. 47

EACH TO HAVE:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	SET	CONST LATCHING BOLT	FB62	630	IVE
1	EA	CLASSROOM LOCK	L9070BDC 06A	626	SCH
1	EA	COORDINATOR	COR X FL	628	IVE
2	EA	MOUNTING BRACKET	MB	689	IVE
2	EA	SURFACE CLOSER	4111 SCUSH	689	LCN
2	EA	PROTECTION PLATE	8400 10" X 1" LDW B-CS	630	IVE

HARDWARE SET NO. 48

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DB & IND	L9456BDC 06A L583-363 L283-722	626	SCH
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE

FARMINGTON PUBLIC SCHOOLS
2018 RENOVATIONS-BID PACK #9
ELEMENTARY SCHOOLS

171712A

NOVEMBER 21, 2017

HARDWARE SET NO. 49

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIV W/DB COIN TURN	L9444 06A L583-363 L283- 722	626	SCH
	EA	SURFACE CLOSER	4111 EDA	689	LCN
1	EA	PROTECTION PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33	626	IVE

FARMINGTON PUBLIC SCHOOLS
2018 RENOVATIONS-BID PACK #9
ELEMENTARY SCHOOLS

171712A

NOVEMBER 21, 2017

END OF SECTION 08 71 00

Door/Hardware Index

BEECHVIEW ELEM

Mark #	HWSet #
B-A100A	-
B-A100B	13
B-A101A	13
B-A102A	03
B-A103A	-
B-A105A	08
B-A105B	26
B-A106A	24
B-A107A	04
B-A108A	16
B-A109A	08
B-A110A	22
B-A111A	02
B-A112A	08
B-A112B	21
B-A114A	08
B-A115A	04
B-A116A	24
B-A117A	16
B-A118A	08
B-A119A	22
B-A120A	16
B-A121A	24
B-A122A	04
B-A123A	08
B-A124A	08
B-A125A	22
B-A126A	08
B-A127A	22
B-A128A	04
B-A129A	22
B-A130A	08
B-A131A	22
B-A132A	04
B-A133A	22
B-A134A	10
B-A137A	20
B-A145B	22
B-A146A	33
B-A146B	33

Project: Farmington Public Schools - 2018 Projects	Control #: 379880	Print Date: Dec 18 2017 3:46PM EST	
Company: Allegion PLC	Version #: 1	Ver Date: Dec 18 2017 6:15AM EST	Page 1 of 5

Mark #	HWSet #
B-A147A	05
B-A148A	03
B-A149A	36
B-A150A	10
B-A150B	29
B-A151A	35
B-A152A	35
B-A153A	19
B-A154A	37
B-A154B	30
B-A154C	05
B-B101A	-
B-B102A	02
B-B103A	07
B-B104A	38
B-B104B	42
B-B106A	08
B-B107A	16
B-B108A	08
B-B109A	16
B-B110A	08
B-B110B	08
B-B111A	16
B-B112A	08
B-B113A	16
B-B114A	08
B-B115A	16
B-B116A	08
B-B117A	16
B-B118A	08
B-B119A	16
B-B121A	16
B-B122A	08
B-B123A	22
B-B125A	16
B-B127A	08
B-B128A	12
B-B129A	11
B-B130A	12
B-B131A	08
B-B132A	16
B-B133A	31
B-B134A	46

Project: Farmington Public Schools - 2018 Projects	Control #: 379880	Print Date: Dec 18 2017 3:46PM EST	
Company: Allegion PLC	Version #: 1	Ver Date: Dec 18 2017 6:15AM EST	Page 2 of 5

Mark #	HWSet #
B-B135A	02
B-B135B	02
B-B136A	03
B-B137A	03
B-B138A	04
B-B139A	03
B-B140A	01
B-B142A	47
B-B143A	05
B-B144A	17
B-B144B	17
B-B145A	48
B-B146A	48
B-B147A	08
B-B148B	22
B-B149A	08
B-B151A	13
B-B154A	08
B-B155A	08
B-B156A	16

KENBROOK ELEM

Mark #	HWSet #
K-A101A	08
K-A102A	08
K-A103A	08
K-A104A	08
K-A106A	18
K-A107A	08
K-A110A	18
K-A111A	08
K-A114A	25
K-A115A	18
K-A116A	25
K-A119A	18
K-A122A	27
K-A123A	-
K-A123B	-
K-A125A	38
K-A125B	39
K-A127A	08
K-A128A	06
K-A129A	08

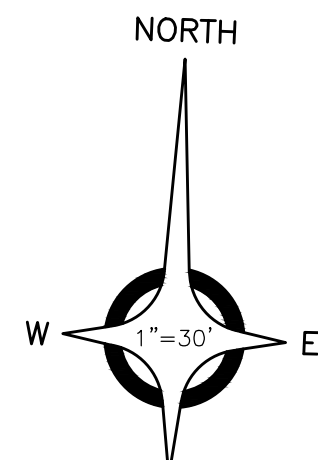
Project: Farmington Public Schools - 2018 Projects	Control #: 379880	Print Date: Dec 18 2017 3:46PM EST	
Company: Allegion PLC	Version #: 1	Ver Date: Dec 18 2017 6:15AM EST	Page 3 of 5

Mark #	HWSet #
K-A130A	08
K-A130B	08
K-A132B	07
K-A133A	08
K-A136A	37
K-A137A	08
K-A139B	-
K-A140A	25
K-A141A	12
K-A141B	12
K-A142A	27
K-A143A	40
K-A143B	32
K-A143C	32
K-A144A	25
K-A145A	41
K-A146A	08
K-A147A	37
K-A149A	08
K-A150A	08
K-A151A	24
K-A154A	08
K-A155A	24
K-A155B	04
K-A157A	08
K-A158A	04
K-A158B	24
K-A161A	04
K-A161B	04
K-A162A	08
K-A163A	08
K-A166A	04
K-A166B	04
K-A167A	24
K-A167B	04
K-A168A	08
K-A168B	23
K-A169A	08
K-A172A	24
K-A173A	24
K-A174A	08
K-A174B	-
K-A174C	-

Project: Farmington Public Schools - 2018 Projects	Control #: 379880	Print Date: Dec 18 2017 3:46PM EST	
Company: Allegion PLC	Version #: 1	Ver Date: Dec 18 2017 6:15AM EST	Page 4 of 5

Mark #	HWSet #
K-A176A	04
K-A177A	37
K-A177B	42
K-A178A	12
K-B100A	03
K-B101A	07
K-B101B	02
K-B102A	19
K-B103B	03
K-B104B	24
K-B105A	22
K-B106A	31
K-B106B	46
K-B108A	09
K-B109A	16
K-B110A	33
K-B110B	43
K-B111A	14
K-B113B	44
K-B114A	12
K-B115A	45
K-B116A	34
K-B116B	15
K-B118A	28
K-B119A	05
K-B121A	02
K-B122A	36
K-B123A	03
K-B124A	49
K-B129A	16

Project: Farmington Public Schools - 2018 Projects	Control #: 379880	Print Date: Dec 18 2017 3:46PM EST	
Company: Allegion PLC	Version #: 1	Ver Date: Dec 18 2017 6:15AM EST	Page 5 of 5



S CLEAR TREES AND SHRUBS
AS NECESSARY FOR ROAD
WIDENING (SEE SHEET C3.1)

CAUTION:
EX. OVHD. UTIL.
WIRES IN THIS AREA

REMOVE EXIST. WATER MAIN
FROM GATE VALVE TO BUILDING.
EXIST. WATER MAIN DEPICTED
FROM RECORD PLANS. FIELD
VERIFY LOCATION

PROPERTY LINE (TYP.)

REMOVE EX. CULVERT

BENCH MARKS (NAVD88 DATUM)

BENCH MARK NO. 1
"+" ON N. RIM STORM MH IN
DRIVE @ S.E. COR. PKG. LOT.
ELEVATION: 788.47

BENCH MARK NO. 2
"+" ON LIGHT POLE BASE @
S.W. COR. OF SCHOOL BLDG.
ELEVATION: 792.82

BENCH MARK NO. 3
"+" ON LIGHT POLE BASE @
E. END OF REAR PKG. LOT.
ELEVATION: 796.96

BENCH MARK NO. 4
PAINTED "+" ON E. CONC.
DOORWELL @ E. END OF
COURTYARD.
ELEVATION: 792.51

UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE
LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY, AS
DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE
VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR
IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF
EXISTING OVERHEAD AND UNDERGROUND UTILITIES (IN
CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED
IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING
THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND
SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL
COSTS FOR UTILITY LOCATION VERIFICATION, SUPPORT AND
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CONSTRUCTING WITH THAT UTILITY).

DURING CONSTRUCTION, THE CONTRACTOR SHALL USE
EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL
OVERHEAD AND / OR BURIED UTILITIES.

3 WORKING DAYS BEFORE YOU DIG
CALL MISS DIG 811 TOLL FREE

ALL WORK IN WESTMEATH CT.
R.O.W. REQUIRES PERMIT FROM
CITY OF FARMINGTON HILLS

WESTMEATH CT.

SAWCUT AT NEAREST JOINT

BEECHVIEW ELEMENTARY

26850 WESTMEATH CT, FARMINGTON HILLS, MI

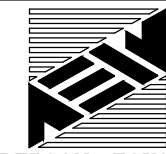
LEGEND	
	MILL TOP 2" OF EX. PAVT.
	REMOVE EXIST. BITUMINOUS PAVT.
	REMOVE EXIST. BITUMINOUS WALK.
	REMOVE EXIST. CONC. WALK
	REMOVE EXIST. CONC. PAVT.
	***** REMOVE EXIST. UGND. UTIL.
	REMOVE EXIST. CONC. CURB & GUTTER
	REMOVE EXIST. MISC. SITE FEATURES

NOTE: ALL ITEMS DISTURBED DURING THE
REMOVAL AND REPLACEMENT OF THE WATER MAIN,
SUCH AS, CURBS, PAVEMENT, PAVERS, STORM,
MISC. SITE FEATURES, NOT SPECIFICALLY
INDICATED FOR REPLACEMENT, SHALL BE REMOVED
AND REPLACED AS PART OF THE SCOPE

WA

WAKELY ASSOCIATES, INC.
ARCHITECTS

30500 VAN DYKE AVENUE
SUITE M-7
WARREN, MICHIGAN 48093
PH: 586.573.4100
FX: 586.573.0822
www.WakelyAIA.com



ANDERSON, ECKSTEIN
AND WESTRICK INC.
9301 Schenck Road
Beverly Hills, Michigan 48015
Phone: 586-758-1234
Fax: 586-758-8750
AEW NO. 0577-0101

FARMINGTON PUBLIC SCHOOLS 2017 RENOVATIONS BEECHVIEW ELEMENTARY RENOVATIONS

REMOVAL PLAN

PRELIMINARY ☐
DESIGN DEVELOPMENT ☒
CONSTRUCTION ☐
FINAL RECORD ☐

DRAWN BY: JKP

CHECKED BY: JS

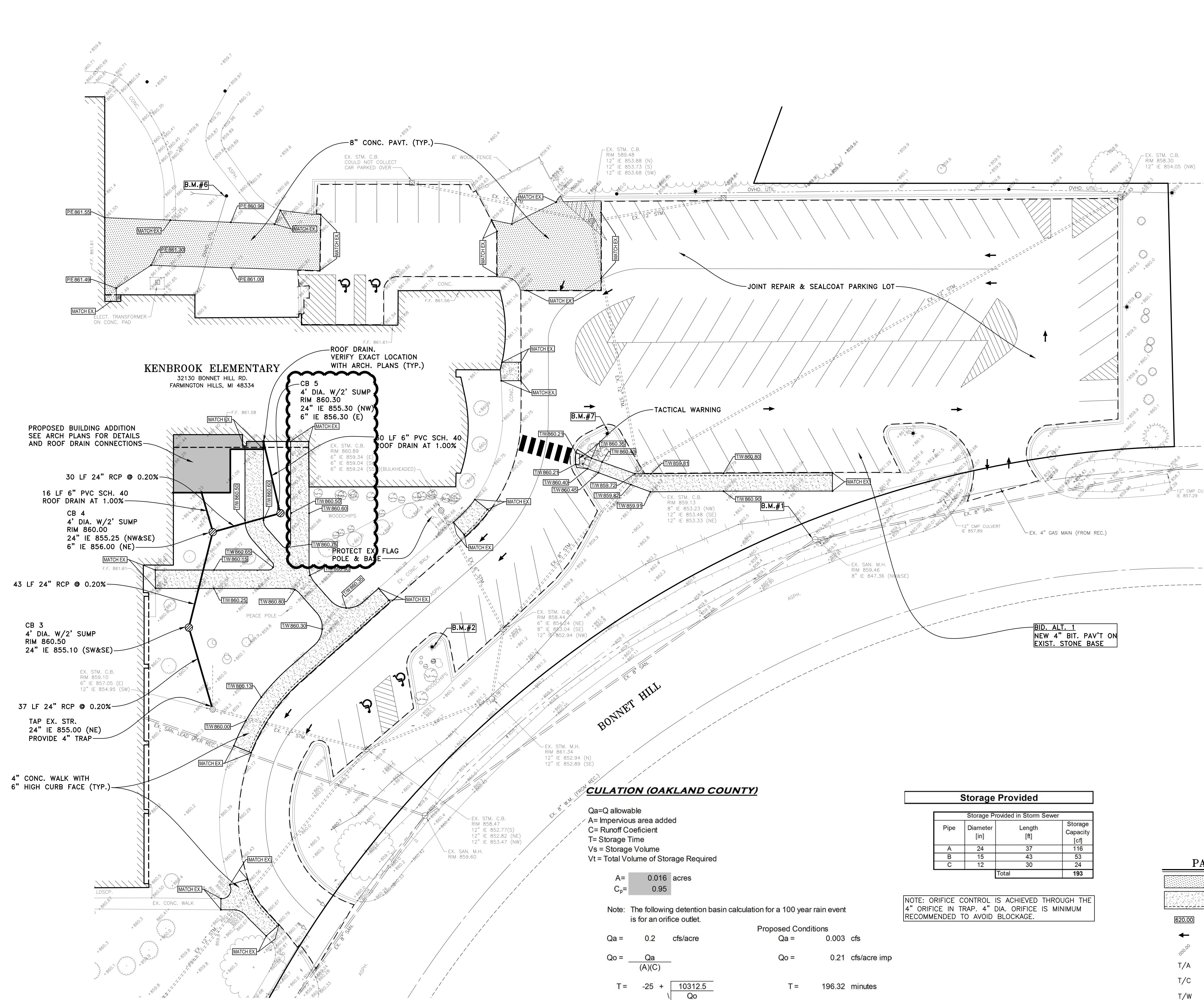
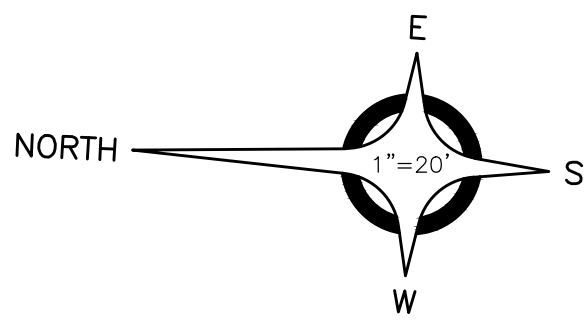
REVISIONS
11/20/17 PRELIMINARY BIR
12/06/17 SCOPING NOTES
12/06/17 BIR SHEET
01/03/18 ADD ENDNOTE #1

DATE: OCTOBER 25, 2017

SHEET NO.

C2.0

JOB NO.



BENCH MARKS (NAVD88 DATUM)

BENCH MARK NO. 1
"X" ON N. RIM SAN. MH ON
N.E. SIDE BONNET HILL, ±110'
N. OF S. DRIVE TO S. PKG. LOT.
ELEVATION: 859.50

BENCH MARK NO. 2
PAINTED "X" ON S. LIGHT POLE
BASE OF N. MOST POLE IN S.
PKG. LOT.
ELEVATION: 862.18

BENCH MARK NO. 3
T/HYDRANT ON E. SIDE ARANEL,
±65' S. OF NOTTINGWOOD.
ELEVATION: 862.98

BENCH MARK NO. 4
CST NAIL IN S.W. FACE UTIL.
POLE, ±30' S. OF BALL FIELD
FENCE ON E. PROP. LINE.
ELEVATION: 855.80

BENCH MARK NO. 5
CST NAIL IN W. FACE UTIL.
POLE NEAR E. PROP. LINE,
±50' S. OF N.E. COR. SCHOOL.
ELEVATION: 859.04

BENCH MARK NO. 6
CST NAIL IN W. FACE UTIL.
POLE ON E. SIDE SCHOOL
NEAR DOOR #6
ELEVATION: 860.97

BENCH MARK NO. 7
PAINTED "X" ON E. LIGHT POLE
BASE OF MIDDLE POLE IN S.
PKG. LOT.
ELEVATION: 862.87

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OVERHEAD AND / OR BURIED UTILITIES.

3 WORKING DAYS BEFORE YOU DIG
CALL MISS DIG 811 TOLL FREE

CULUTION (OAKLAND COUNTY)

Qa=Q allowable
A= Impervious area added
C= Runoff Coefficient
T= Storage Time
Vs = Storage Volume
Vt = Total Volume of Storage Required

A= 0.016 acres
Cp= 0.95

Note: The following detention basin calculation for a 100 year rain event
is for an orifice outlet.

Proposed Conditions
Qa = 0.2 cfs/acre
Qo = 0.003 cfs
Qo = 0.21 cfs/acre imp
T = 196.32 minutes
Vs = 12,983 cubic feet
Vt = 193 cubic feet

Storage Provided

Pipe	Diameter [in]	Length [ft]	Storage Capacity [cf]
A	24	37	116
B	15	43	53
C	12	30	24
Total			193

NOTE: ORIFICE CONTROL IS ACHIEVED THROUGH THE
4" ORIFICE IN TRAP. 4" DIA. ORIFICE IS MINIMUM
RECOMMENDED TO AVOID BLOCKAGE.

PAVING LEGEND

	8" CONC. PAVT.
	4" CONCRETE SIDEWALK 6" HIGH CURB FACED WALK
	PROPOSED GRADE
	FLOW ARROW
	EXIST. GRADE
T/A	TOP ASPHALT
T/C	TOP CONC. CURB
T/W	TOP CONC. WALK
G.	TOP CONC. GUTTER
P/E	PAVEMENT ELEVATION
	SEALCOAT LIMITS

FARMINGTON PUBLIC SCHOOLS 2017 RENOVATIONS KENBROOK ELEMENTARY RENOVATIONS

CONSTRUCTION PLAN

PRELIMINARY ☐
DESIGN DEVELOPMENT ☒
CONSTRUCTION ☐
FINAL RECORD ☐

DRAWN BY: JKP
CHECKED BY: JS

REVISIONS	DATE	BY	REASON
1	10/25/17	JKP	PRELIMINARY BIR
2	12/06/17	JKP	SCOPING DOCS
3	12/06/17	JKP	SCOPING DOCS
4	01/03/18	JKP	ADDENDUM #1

DATE: OCTOBER 25, 2017
SHEET NO.

C3.1

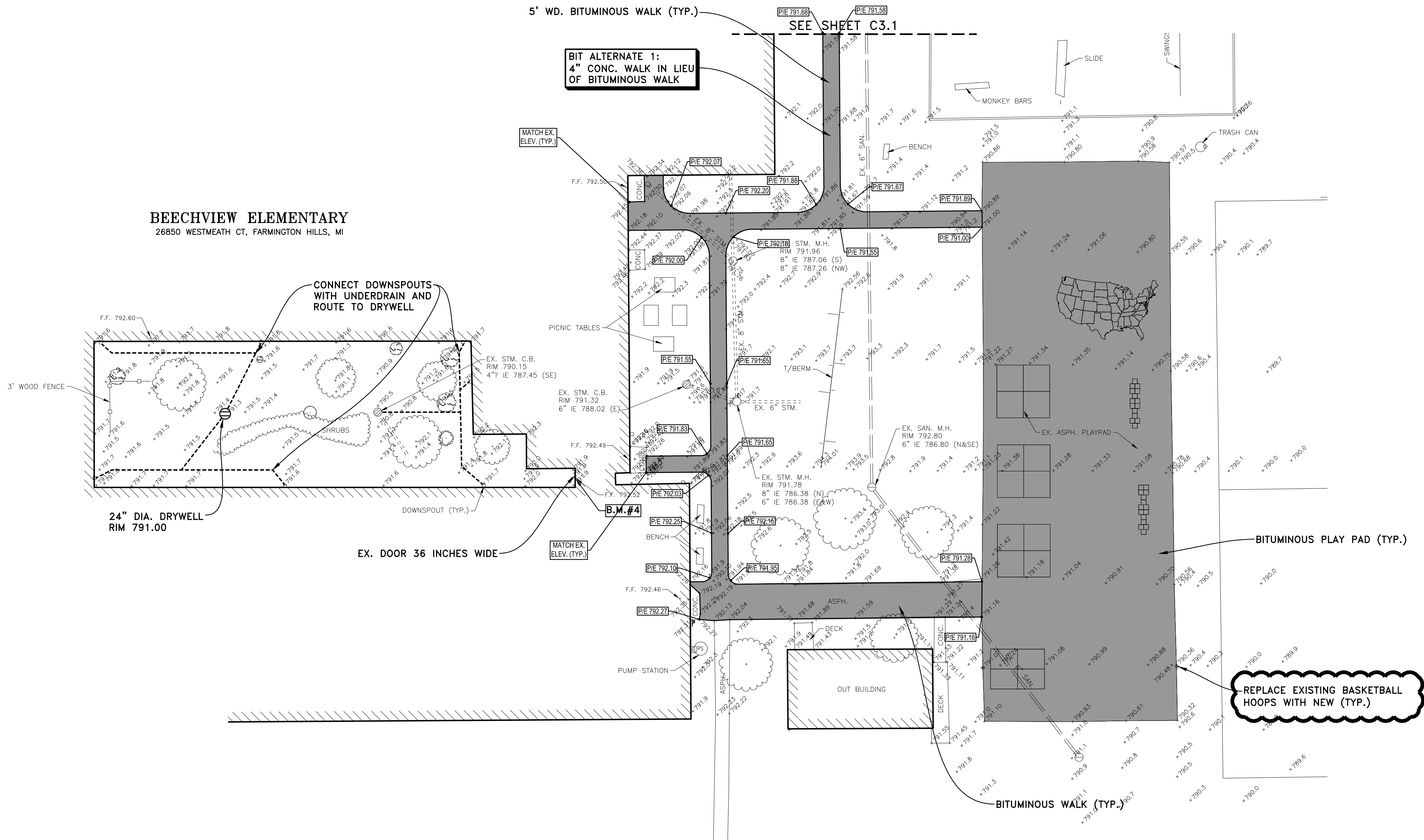
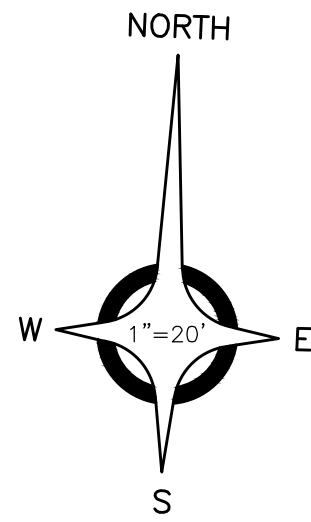
JOB NO.

WA

WAKELY ASSOCIATES, INC.
ARCHITECTS

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SUITE M-7
WARREN, MICHIGAN 48093
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AND WESTRICK INC.
9301 Schaefer Road
Beverly Hills, Michigan 48015
Phone: 586-758-1254
Fax: 586-758-9759
AEW NO. 0577-0102



BENCH MARKS (NAVD88 DATUM)

BENCH MARK NO. 1
"+" ON N. RIM STORM MH IN
DRIVE @ S.E. COR. PKG LOT.
ELEVATION: 788.47

BENCH MARK NO. 2
"+" ON LIGHT POLE BASE @
S.W. COR. OF SCHOOL BLDG.
ELEVATION: 792.82

BENCH MARK NO. 3
"+" ON LIGHT POLE BASE @
E. END OF REAR PKG. LOT.
ELEVATION: 796.96

BENCH MARK NO. 4
PAINTED "+" ON 6" CONC.
DOORWELL @ E. END OF
COURTYARD.
ELEVATION: 792.51

UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE
LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY, AS
DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE
VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR
IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF
EXISTING OVERHEAD AND UNDERGROUND UTILITIES (IN
CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED
IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING
THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND
SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL
COSTS FOR UTILITY LOCATION VERIFICATION, SUPPORT AND
PROTECTION SHALL BE INCLUDED IN THE PROPOSED PAY ITEM
CONSTRUCTING WITH THAT UTILITY).

DURING CONSTRUCTION, THE CONTRACTOR SHALL USE
EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL
OVERHEAD AND / OR BURIED UTILITIES.

3 WORKING DAYS BEFORE YOU DIG
CALL MISS DIG 811 TOLL FREE

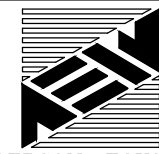
PAVING LEGEND

	STANDARD DUTY BITUMINOUS PAVT.
	HEAVY DUTY BITUMINOUS PAVT.
	BITUMINOUS WALK/PLAY PAD
	8" CONC. PAVT.
	4" CONCRETE SIDEWALK 6" HIGH CURB FACED WALK
	PROPOSED GRADE
	FLOW ARROW
	EXIST. GRADE
T/A	TOP ASPHALT
T/C	TOP CONC. CURB
T/W	TOP CONC. WALK
G.	TOP CONC. GUTTER
P/E	PAVEMENT ELEVATION
	MOUNTABLE CONC. CURB & GUTTER
	SEALCOAT LIMITS

WA

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AEW NO. 0577-0101

FARMINGTON PUBLIC SCHOOLS 2017 RENOVATIONS BEECHVIEW ELEMENTARY RENOVATIONS

PAVING & GRADING
PLAN

PRELIMINARY ☐
DESIGN DEVELOPMENT ☒
CONSTRUCTION ☐
FINAL RECORD ☐

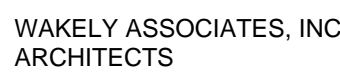
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CHECKED BY: JS

REVISIONS
11/22/17 PRELIMINARY BIR
12/06/17 SPOILING DOGS
12/06/17 BIR SITES
01/03/18 ADD WALKWAY #1

DATE: OCTOBER 25, 2017
SHEET NO.

C3.2

JOB NO.



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KENBROOK ELEMENTARY
FARMINGTON PUBLIC SCHOOLS
31130 BONNET HILL RD Farmington Hills, MI 48334

PRELIMINARY	<input checked="" type="checkbox"/>
DESIGN DEVELOPMENT	<input checked="" type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>

DRAWN BY _____ JA
CHECKED BY _____ JV

REVISIONS	
ADDENDUM Δ	1/2

SHEET NO. _____

520

02.0

JOB NO. 171712



SCALE 1/4" = 1'-0" NOTE:
1. SEE SHEET S1.0 FOR GENERAL NOTES

COLUMN SCHEDULE					
MARK	SIZE	BASE PLATE	ANCHORS	CAP PLATE	REMARKS
C1	HSS50x114	1/2"x11"x1"	(4) 3/4" A36 ANCHORS EMBEDDED 14" w/ NUT+WASHER	1/2"x11"x8M. FLANGE	—



SCALE 1/4" = 1'-0" NOTE:
1. SEE SHEET S1.0 FOR GENERAL NOTES



N.T.S.



SNYDER & STALEY ENGINEERING, P.L.C.

CONSULTING ENGINEERS

3085 BAY ROAD SUITE 6
SAGINAW, MI 48603
DL: (989) 303 4340, FX: (989) 303 4345

PROJECT NO. 17-828-251

REFLECTED CEILING PLAN KEY NOTES:

PLEASE NOTE: NOT ALL FLOOR PLAN KEYNOTES APPLY TO EACH BUILDING.	
1	REMOVE AND REINSTALL AND MODIFY EXISTING LAY-IN CEILING SYSTEM AS REQ'D FOR ALL NEW CONSTRUCTION AND OVERHEAD WORK. ADD NEW TILES/GRID ETC. TO CONTINUE EXISTING PATTERN AS REQ'D (VIF)
2	NOT USED
3	PROVIDE NEW 2X4 ACOUSTIC CEILING AND T GRID SEE FINISH SCHEDULE FOR HT.
4	REMOVE/REPLACE EXISTING LAY-IN CEILING TILES. INSTALL NEW LAY-IN TILES. EXISTING GRID TO REMAIN.
5	PROVIDE NEW GYPSUM BOARD CEILING ON METAL FRAMING. SEE FINISH SCHEDULE FOR HT.

- NOTES:
1. NOT ALL WALL TYPES ARE USED ON EACH FLOOR.
2. EXTEND WALLS UP FULL HEIGHT TO DECK ABOVE (U.N.O.)
3. DO NOT FASTEN VERTICAL STUDS TO TOP RUNNER TRACK @ SECOND FLOOR ASSEMBLIES. USE SLIP TRACK TO ALLOW FOR DEFLECTION OF STRUCTURE WITHOUT COMPROMISING WALL INTEGRITY.

WALL TYPES:

A	NOMINAL 5", ACTUAL 4 7⁄8": 3⁄8" HI-IMPACT GYP BD BOTH SIDES OF 3 1⁄2" 20 GA METAL STUDS AT 1'-4" O.C. MAX W/ SOUND ATTEN BLANKETS IN ALL VOIDS FULL HEIGHT
B	NOMINAL 8", ACTUAL 7 1⁄2": 4" BRICK ON 4" CMU FULL HEIGHT TO DECK ABOVE.
C	NOMINAL 8", ACTUAL 7 3⁄4": 8" CMU
D	NOMINAL 12", ACTUAL 11 3⁄8": 12" CMU
E	NOMINAL 8", ACTUAL 7 3⁄8": 8" CMU W/ ACOUSTIC FOAM FILL IN ALL CORES FULL HT. USE ACOUSTICAL SEALANT AT ADJACENT WALLS. AND AT ROOF DECK, FILL DECK FLUTES W/ SOUND ATTEN BLANKETS SPRAYED IN PLACE.
F	NOMINAL 2" 5⁄8" HI-IMPACT GYP. BD. ON 1 1⁄2" METAL FURRING AT 1'-4" O.C.
G	NOMINAL 7": 3⁄8" HI-IMPACT GYP BOARD ON 3⁄4" METAL FURRING ON 6"CMU
H	NOMINAL 6", 6" CMU
J	NOMINAL 7", ACTUAL 7 3⁄8" 3⁄8" HI-IMPACT GYP BOARD ON METAL, ON 6" METAL STUDS AT 1'-4" O.C. MAX W/ SOUND BLANKETS INSTALLED IN VOIDS FULL HEIGHT
K	NOMINAL 4", 4" CMU
L	NOMINAL 7", ACTUAL 7 3⁄8" 5⁄8" HI-IMPACT GYP BOARD ON METAL, ON 6" METAL STUDS AT 1'-4" O.C. MAX W/ SOUND BLANKETS INSTALLED IN VOIDS FULL HEIGHT. 48" HIGH WITH 2" STAINED SOLID OAK TOP AND OAK TRIM ON ALL SIDES.
M	NOMINAL 10", ACTUAL 9 5⁄8" 10" CMU

FIRE RATED WALL TYPES:

NOTE:
EXTEND WALLS UP FULL HEIGHT TO DECK ABOVE. FILL ALL VOIDS AT DECK FLUTES WITH FIRE SAFING MATERIAL AND APPROVED FIRE SPRAY SEALANTSON BOTH SIDES AS SPECIFIED.

1	1 HOUR RATING (UL-J428) NOMINAL 5", ACTUAL 4 7⁄8": 3⁄8" TYPE 'X' FIRE RATED GYP BD BOTH SIDES OF 3 3⁄8" 20 GA METAL STUDS AT 1'-4" OC MAX W/ SOUND ATTEN BLANKETS IN ALL VOIDS FULL HEIGHT.
1	1 HOUR RATING NOMINAL 7", ACTUAL 7 1⁄4": 3⁄8" TYPE 'X' FIRE RATED GYP BD BOTH SIDES OF 6", 20 GA METAL STUDS AT 1'-4" OC MAX W/ SOUND ATTEN BLANKETS IN ALL VOIDS FULL HEIGHT.
1	1 HOUR RATING (UL-xxx) NOMINAL 8", ACTUAL 7 3⁄8": NEW 8" CMU TO DECK ABOVE
2	2 HOUR RATING - FIRE WALL (UL-xxx) NOMINAL 12", ACTUAL 11 3⁄8": NEW 12" CMU TO DECK ABOVE
1	1 HOUR RATING - FIRE WALL (UL-xxx) NOMINAL 12" 4"BRICK ON 8" CMU UP TO DECK ABOVE
2	2 HOUR RATING - FIRE WALL (UL-xxx) NOMINAL 8" CMU, ACTUAL 7 1⁄8": NEW 8" CMU TO DECK ABOVE.
2	2 HOUR RATING - FIRE WALL (UL-xxx) NOMINAL 10" CMU, ACTUAL 9 5⁄8": NEW 10" CMU TO DECK ABOVE.
1	1 HOUR RATING - FIRE WALL (UL-xxx) NOMINAL 6" CMU, ACTUAL 5 3⁄8": NEW 6" CMU TO HEIGHT AS NOTED ON DRAWINGS.

NEW WORK PLAN KEYNOTES: (CONTINUED)

PLEASE NOTE: NOT ALL FLOOR PLAN KEYNOTES APPLY TO EACH BUILDING.	
48	PROVIDE NEW CMU (MATCH WIDTH OF EXISTING) ON TOP OF EXIST. SCREENWALL UP TO 4" ABOVE FIN. CLG HT. MIN. (V.I.F.)
49	PROVIDE NEW RUBBER FLOORING ON INCLINE OF RAMP SURFACE PER SPEC.
50	LOCATION OF AIPHONE UNIT AND ADA PUSH BUTTON AND CARD ACCESS PAD
51	NEW MASONRY/METAL PANEL COLUMN.
52	NEW 4" CONCRETE SLAB ON 4"COMPACTED FILL MIN.
53	FILL VOID WITH TOP SOIL & SEED AND SLOPE TO DRAIN AWAY FROM WALL.
54	TOOTH IN SOLID BULLNOSED CMU AT JAMBS TO MATCH COURSING
55	36" HORIZONTAL GRAB BAR
56	42" HORIZONTAL GRAB BAR
57	18" VERTICAL GRAB BAR
58	TOOTH IN NEW CMU AT REMOVE WALL TO MATCH COURSING AND THICKNESS. (V.I.F.)
59	PROVIDE AND INSTALL NEW P.LAM TOP TO MATCH SIZE AND SHAPE OF EXISTING. INSTALL NEW SINK (SEE MECH)
60	PROVIDE NEW DROP DOWN PROJECTION SCREEN AND CEILING MOUNTED PROJECTOR.
61	INFILL MASONRY OPENING LEFT BY REMOVED MECHANICAL UNIT. PROVIDE FOR 13 SF OF MASONRY TO MATCH ADJACENT WALL CONSTRUCTION. TOOTH-IN TO MATCH WIDTH AND COURSING. SEE MECHANICAL.
62	REMOVE AND INSTALL EXISTING HANDRAIL AS REQUIRED TO COMPLETE NEW WORK.
63	INFILL MASONRY OPENING LEFT BY REMOVED MECHANICAL UNIT. PROVIDE FOR 8 SF OF MASONRY TO MATCH ADJACENT WALL CONSTRUCTION. TOOTH-IN TO MATCH WIDTH AND COURSING. SEE MECHANICAL.

ELEMENTARY SCHOOL - NEW WORK PLAN KEYNOTES:

PLEASE NOTE: NOT ALL FLOOR PLAN KEYNOTES APPLY TO EACH BUILDING.	
1	INSTALL NEW DOOR AND HARDWARE PER SCHEDULE
2	INSTALL NEW ALUMINUM FRAME PER DOOR SCHEDULE
3	INSTALL NEW H.M. FRAME PER DOOR SCHEDULE
4	AT NEW DOOR OR WINDOW OPENING PROVIDE MASONRY PRECAST UNTEL ABOVE DOOR BEARING 8" MIN ON 3 COURSES GROUTED SOLID EACH SIDE. (TOOTH IN NEW CMU TO MATCH EXISTING MASONRY COURSING @ JAMBS FULL HEIGHT.) PROVIDE GALV. STEEL ANGLE UNTEL TO CARRY BRICK VENEER IF APPLICABLE. - SIZE TBD IN FIELD. PROVIDE FLASHING AND WEEPS AT EXTERIOR WALLS.
5	CONSTRUCT NEW MASONRY CHILLER SCREEN WALL. MATCH HEIGHT, WIDTH AND COURSING TO ADJACENT EXISTING WALL. SEE DETAIL X/AX.X&Y
6	PAINT ALL WALLS IN ROOM FULL HEIGHT. SEE FINISH SCHEDULE FOR MORE INFO.
7	PATCH WALLS FLUSH & PREP FOR PAINT. PROVIDE NEW MTL LOCKERS ON NEW 4" CONCRETE BASE W/ WOOD NAILER. PAINT EXISTING 3'-6"x3'-0" (VIF) WOOD WALL CABINET TO MATCH REST OF ROOM. PROVIDE ALTERNATE ___ TO REPLACE WITH LAMINATE PER DETAIL ____
8	INSTALL NEW PCT WALL TILE WAINSCOT IN ENTIRE ROOM. SEE SECTION DETAIL. NEW TILE MUST COVER REMOVED OLD TILE LOCATIONS. (V.I.F.)
9	3⁄8" HI-IMPACT GYP BOARD ON 1 1⁄2" METAL HAT CHANNEL AT 24" O.C. ON EXISTING EXPOSED TECTUM PANELS TIGHT TO CEILING. SEE DETAIL 4/A1.1B.V.
11	PAINT ALL WALLS IN ROOM 10'-0" HIGH. SEE FINISH SCHEDULE AND ELEVATION FOR MORE INFO.
12	INSTALL NEW WALL MTD. ROOM SIGNAGE IN CORRIDOR PER DETAILS
13	PROVIDE NEW RUBBER STAIR TREAD AND NOSING ON ALL STEPS
14	INSTALL NEW DRINKING FOUNTAIN PER MECH. DWGS. MINIMUM 1 BOTTLE FILLER PER FLOOR.
15	PROVIDE NEW TOILET AND URINALS. PROVIDE NEW SINKS AS INDICATED. (SEE MECHANICAL)
16	PROVIDE NEW TOILET PARTITIONS. REFER TO SPEC.
17	PROVIDE NEW TOILET ACCESSORIES. REFER TO SPEC.
18	LOCATION OF NEW SOUND SYSTEM RACK.
19	PAINT CMU WALLS ABOVE CERAMIC TILE WAINSCOT UP TO CEILING.
20	NEW ACOUSTIC CEILING PADS IN EXISTING GRID
21	PROVIDE AND INSTALL NEW LVT. SEE FINISH SCHEDULE.
22	PROVIDE AND INSTALL NEW CPT. SEE FINISH SCHEDULE.
23	PROVIDE AND INSTALL NEW PCT FLOOR. REFER TO SPECS.
24	NEW FURNITURE (BY OTHERS).
25	PROVIDE AND INSTALL NEW P. LAM. CASEWORK PER ELEVATION.
26	REMOVE ELEVATED FLOOR AND RELOCATE ALL UTILITIES TO WALL FOR WALL MOUNTED FIXTURES. PROVIDE NEW CONCRETE SLAB TO MATCH HEIGHT AND SLOPE OF ADJACENT FLOOR.
27	PROVIDE NEW WHITEBOARD, TACK BOARD AND SMART BOARD LAYOUT AS DETAIL ON SHEET A&S
28	INSTALL NEW WINDOW SYSTEM TO FIT EXISTING M.O. (V.I.F.)
29	NEW CONCRETE SLAB FOR NEW CHILLER AND GENERATOR VERIFY DIMENSIONS WITH MECHANICAL
30	INSTALL NEW CEILING COMPLETE. CONNECT TO TO STRUCTURE AS REQUIRED. SEE FINISH SCHEDULE.
31	SAND/ PREP/ PAINT EXISTING METAL SIDING. REFER TO SPECS.
32	PROVIDE NEW WALL CONSTRUCTION - SEE DETAILS
33	INFILL DOOR OPENING WITH CMU TO MATCH THICKNESS AND TOOTH IN TO MATCH COURSING AT JAMBS. TOOTH IN NEW BRICK VENEER AT CORRIDOR WALLS TO MATCH EXISTING IF APPLICABLE.
34	NEW 4" CONC. FLOOR W/6w6, W1.4x1.4 W. W. F. ON VAPOR BARRIER ON 8" MIN. COMP. FILL. MATCH ELEVATION OF ADJACENT FLOOR.
35	PAINT EXPOSED CEILING PROVIDE FOR UP TO 3 ACCENT COLORS. PAINT ALL EXPOSED NEW AND EXISTING DUCTS, JOISTS, ETC.
36	SAND/ PREP/ COAT EXISTING PANELS IN STOREFRONT SYSTEM. SEE SPEC.
37	NEW CUSTOM ROUND WINDOW ALUM. FRAME W/1" INSUL. GLASS. SEE ELEVATIONS.
38	NEW OFFICE FURNITURE (BY OTHERS)
39	INSTALL WALK-OFF CARPET IN ENTIRE ROOM OR TO THE TRANSITION SHOWN ON DWGS
40	INSTALL NEW TACKBOARD
41	INSTALL NEW TACKBOARD AS ALTERNATE BID
42	PAINT GYP. BD. WALL FULL HEIGHT WITH MARKER BOARD PAINT.
43	TECHNOLOGY CABINET ON WALL
44	NEW WINDOW TREATMENTS ON ALL WINDOWS IN ROOM.
45	PAINT EXISTING WOOD CABINETS (EXTERIOR SURFACE ONLY.) TYPICAL FOR ALL CLASSROOMS.
46	REINSTALL P. LAM. CABINETS W/ NEW COUNTER TOPS (SEE ELEVATIONS. PROVIDE NEW CASEWORK WHERE INDICATED.)
47	NEW P.LAM. WARDROBE CABINET SEE ELEVATIONS.

DEMO PLAN NOTES: (CONTINUED)

PLEASE NOTE: NOT ALL DEMO PLAN KEYNOTES APPLY TO EACH BUILDING.	
45	REMOVE EXISTING P. LAM. CABINETS AND SALVAGE FOR RE-INSTALLATION IN EXACT SAME LOCATION ON NEW WALL. SEE ELEVATIONS AND DETAILS.
47	EXISTING P. LAM. CABINETS TO REMAIN.
48	REMOVE ALL EXISTING WOOD SHELVING COMPLETE IN ROOM. PATCH WALLS FLUSH TO MATCH EXISTING FINISHES.
50	REMOVE CONCRETE SUPPORTED SLAB CONSTRUCTION COMPLETE INCLUDING FOUNDATION FULL DEPTH. FILL HOLE WITH COMPACTED FILL.
54	REMOVE P.LAM. CABINETS & COUNTER TOP
55	REMOVE NON-LOAD BEARING WALL CONSTRUCTION ABOVE EXISTING GLASS/FRAMING TO BE REMOVED (V.I.F.)
56	DOCUMENT EXISTING SIZE OF COUNTERTOP FOR NEW FABRICATION. REMOVE PLAM COUNTER TOP AND SPLASH. REMOVE EXISTING SINK.
57	REMOVE FASCIA BRICK.
58	REMOVE MECHANICAL EQUIPMENT. PREP OPENING FOR MASONRY INFILL (SEE MECH.)

ELEMENTARY SCHOOL - DEMO PLAN NOTES:

PLEASE NOTE: NOT ALL DEMO PLAN KEYNOTES APPLY TO EACH BUILDING.	
1	REMOVE EXISTING DOOR AND HARDWARE COMPLETE. IF SALVAGE EXISTING ADA OPERATOR AND RETURN TO OWNER IF APPLICABLE.
2	REMOVE EXISTING FRAME AND GLASS COMPLETE.
3	REMOVE EXISTING TILE OR PAINTED MURAL ON WOOD SUBSTRATE . RELOCATE BASED ON OWNER DIRECTION
4	REMOVE PORTION OF EXISTING WALL FOR NEW DOOR, DUCT OR WINDOW OPENING PATCH FLOOR LEVEL. PROVIDE UNTEL FOR OPENING. PER DETAILS.
5	REMOVE EXISTING WALL COMPLETE. (SHOWN DASHED) INCLUDING ALL DOORS, GLAZING, COAT HOOKS, ETC. AS INDICATED BY DRAWINGS. GRIND FLOOR SMOOTH FOR NEW FLOORING OR CONSTRUCTION AS INDICATED IN NEW WORK PLAN. PATCH ADJACENT WALLS TO MATCH EXISTING FINISHES (V.I.F.)
6	REMOVE WALLPAPER AND SKIM COAT AND SAND ALL WALLS. PREP FOR NEW PAINT AS REQ'D
7	REMOVE EXISTING COAT HOOKS. PATCH WALL FLUCH AND PAINT TO MATCH EXISTING COLOR.
8	REMOVE EXISTING WALL TILE COMPLETE. PREP FOR NEW FINISH AS REQUIRED AND INDICATED ON NEW WORK PLAN.
9	REMOVE EXISTING CORRIDOR SECURITY GATE AND WALL MOUNTED RACK. CASE BRACKETS ETC. COMPLETE. PATCH HOLES IN WALLS AND FLOORS AS REQUIRED TO MATCH EXISTING FINISHES. INFILL MASONRY OPENINGS WITH BRICK/ CMU TO MATCH COURSING (V.I.F.)
10	REMOVE EXISTING MASONRY SCREEN WALL & 48"D CONCRETE FOOTINGS , FULL DEPTH AS SHOWN DASHED. FILL HOLE WITH COMPACTED FILL FULL DEPTH
11	REMOVE EXISTING DOOR, FRAME AND HARDWARE COMPLETE
12	REMOVE ALL EXISTING WALL MOUNTED SIGNAGE PATCH WALLS FLUSH TO MATCH EXISTING SURFACES AND PREP FOR NEW SIGNAGE.
13	REMOVE EXISTING PORCELAIN DRINKING FOUNTAIN. PATCH SURFACES TO MATCH AND PREP FOR INSTALLATION OF NEW DRINKING FOUNTAIN.
14	REMOVE ALL WALL MOUNTED TOILET ACCESSORIES AND TOILET PARTITIONS IN ROOM. PATCH ALL HOLES IN WALLS AND FLOORS. FLUSH TO MATCH EXISTING FINISHES.
15	REMOVE ALL PLUMBING FIXTURES. SEE MECH. DRAWINGS.
16	REMOVE EXISTING CONCRETE FLOOR SLAB COMPLETE (4 - 6" THICK MIN). AS INDICATED ON PLANS.
17	REMOVE EXISTING OVERHANG CONSTRUCTION COMPLETE
18	REMOVE EXISTING CARPET, TRANSITION STRIP, RESIL BASE, ETC. SCRAPE ALL MASTICE & ADHESIVES FROM CONCRETE FLOOR AS REQUIRED (DO NOT USE CHEMICAL REMOVAL TECHNIQUES). FILL AND LEVEL ALL VOIDS, CRACKS, ETC TO PREP FLOOR FOR NEW FLOOR FINISHES AND BASE AS REQ'D AND INDICATED ON DRAWINGS AND SCHEDULES.
19	REMOVE EXISTING VCT, TRANSITION STRIPS, RESIL BASE, ETC. SCRAPE ALL MASTICE & ADHESIVES FROM CONCRETE FLOOR AS REQUIRED. (DO NOT USE CHEMICAL REMOVAL TECHNIQUES). FILL AND LEVEL ALL VOIDS, CRACKS, ETC. FULL DEPTH (+/-46") TO PREP FLOOR FOR NEW FLOOR FINISHES AND BASE AS REQ'D AND INDICATED ON DRAWINGS AND SCHEDULES.
20	REMOVE EXISTING CHILLER AND SLAB FOUNDATION COMPLETE. PREP SITE FOR NEW CONCRETE SLAB AND FOUNDATION.
21	REMOVE EXISTING PCT, TRANSITIONS, PVT BASE, ETC. SCRAPE ALL MORTER BEDS FROM CONCRETE FLOOR AS REQUIRED. (DO NOT USE CHEMICAL REMOVAL TECHNIQUES). FILL AND LEVEL ALL VOIDS, CRACKS, ETC. TO PREP FLOOR FOR NEW FLOOR FINISHES AND BASE AS REQ'D AND INDICATED ON DRAWINGS AND SCHEDULES.
22	REMOVE EXISTING COLUMN AND CONCRETE FOUNDATIONS FULL DEPTH.
23	REMOVE EXISTING P. LAM. CASEWORK AND/OR FURNITURE COMPLETE. PATCH WALLS AND FLOORS AS REQ'D TO MATCH ADJACENT FINISHES.
24	REMOVE EXISTING 12" LOCKS AND TRIM. PREP TO RECEIVE NEW LOCKER.
25	REMOVE PORTION OF EXISTING WALL FOR NEW DUCT. PROVIDE PC CONCRETE UNTEL. SEE MECH. FOR SIZE.
26	REMOVE EXISTING TACK BOARDS. SCRAPE GLUE PODS FROM WALLS.
27	REMOVE EXISTING MARKER/CHALK BOARDS. SCRAPE GLUE PODS FROM WALLS.
28	REMOVE EXISTING TACK BOARDS SCRAPE GLUE PODS FROM WALL (ALTERNATE BID)
29	REMOVE LAY-IN CEILING SYSTEM COMPLETE INCLUDING SUPPORT FRAMING/WIRE. AND ALL COMPONENTS: I.E. SPEAKERS, LIGHTS ETC.
30	REMOVE EXISTING CONCRETE SLAB +/- 6" THICK AND ALL CONC. FDN FULL DEPTH IF PRESENT (V.I.F.)
31	REMOVE EXISTING RECEPTION COUNTER COMPLETE. PATCH WALLS & FLOORS AS REQ'D TO MATCH ADJACENT FINISHES.
32	REMOVE EXISTING HARD CEILING CONSTRUCTION COMPLETE. INCLUDING ALL SUPPORT FRAMING, BRACING, ETC.
33	REMOVE EXISTING TRACK + SUPPORTS. PATCH HOLES IN WALLS FLUSH AS REQ'D TO MATCH EXISTING FINISHES.
34	REMOVE LAY-IN CEILING TILES, GRID TO REMAIN.
35	REMOVE EXISTING WOOD/GLASS FRAMING SYSTEM COMPLETE. PATCH WALLS & FLOORS AS REQ'D TO MATCH EXISTING FINISHES.
36	EXISTING STEEL COLUMN TO REMAIN.
37	REMOVE STEEL GUARDRAIL COMPLETE - PATCH HOLES IN BRICK WITH NEW BRICK TO MATCH EXISTING (V.I.F.)
38	REMOVE EXISTING WINDOW TREATMENTS COMPLETE INCLUDING TRACK, ETC. IN ENTIRE ROOM.
39	REMOVE ALL EXISTING RACEWAYS FROM WALL. PATCH HOLES FLUSH TO MATCH ADJACENT SURFACES.
40	EXISTING TILE FLOOR AND MASTIC TO BE REMOVED BY ABATEMENT CONTRACTOR
41	EXISTING DOOR FRAME TO BE REMOVED BY ABATEMENT CONTRACTOR
42	EXISTING HARD CEILING TO BE REMOVED BY ABATEMENT CONTRACTOR
43	REMOVE EXISTING SHELF AND BOOT SHELF COMPLETE. PATCH HOLES IN WALL FLUSH TO MATCH EXISTING FINISHES.
44	REMOVE RECESSED F.E.C. FILL OPENING WITH CMU TO MATCH COURSING AND THICKNESS (V.I.F.)



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www.WakelyWA.com

FARMINGTON PUBLIC SCHOOLS - 2015 BOND
2018 PROJECTS
KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

DEMO PLAN KEY NOTES
FLOOR PLAN KEY NOTES
REFL CLG PLAN KEY NOTES
WALL TYPES

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY _N.JL_

CHECKED BY _BJS_

REVISIONS

ADD NO. 01 1/30/18

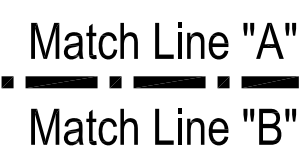
DATE: December 12, 2017
SHEET NO.

G4.2

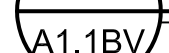
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171712A



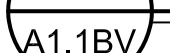
3 NO. 151510A



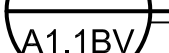
SCALE: 1/8" = 1'-0"



A1.1BV



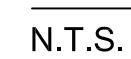
A1.1BV SCALE: 1/2" = 1'-0"



A1.1BV SCALE: 1/4" = 1'-0"

- A1.1BV

A1.1BV SCALE: 1/4" = 1'-0"



1. REFER TO SHEET G4.1 FOR TYPICAL NOTES, SYMBOLS, GENERAL INFORMATION, AND ABBREVIATIONS.
2. REFER TO SHEET G4.2 FOR REFERENCED KEYNOTES.



FARMINGTON PUBLIC SCHOOLS - 2015 BOND

2018 PROJECTS

KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

TECHVIEW ELEMENTARY
SCHOOL

LARGED AREA "A"
REFLECTED CEILING PLAN

ELIMINARY	<input type="checkbox"/>
DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>

AWN BY NJL
ECKED BY BJS

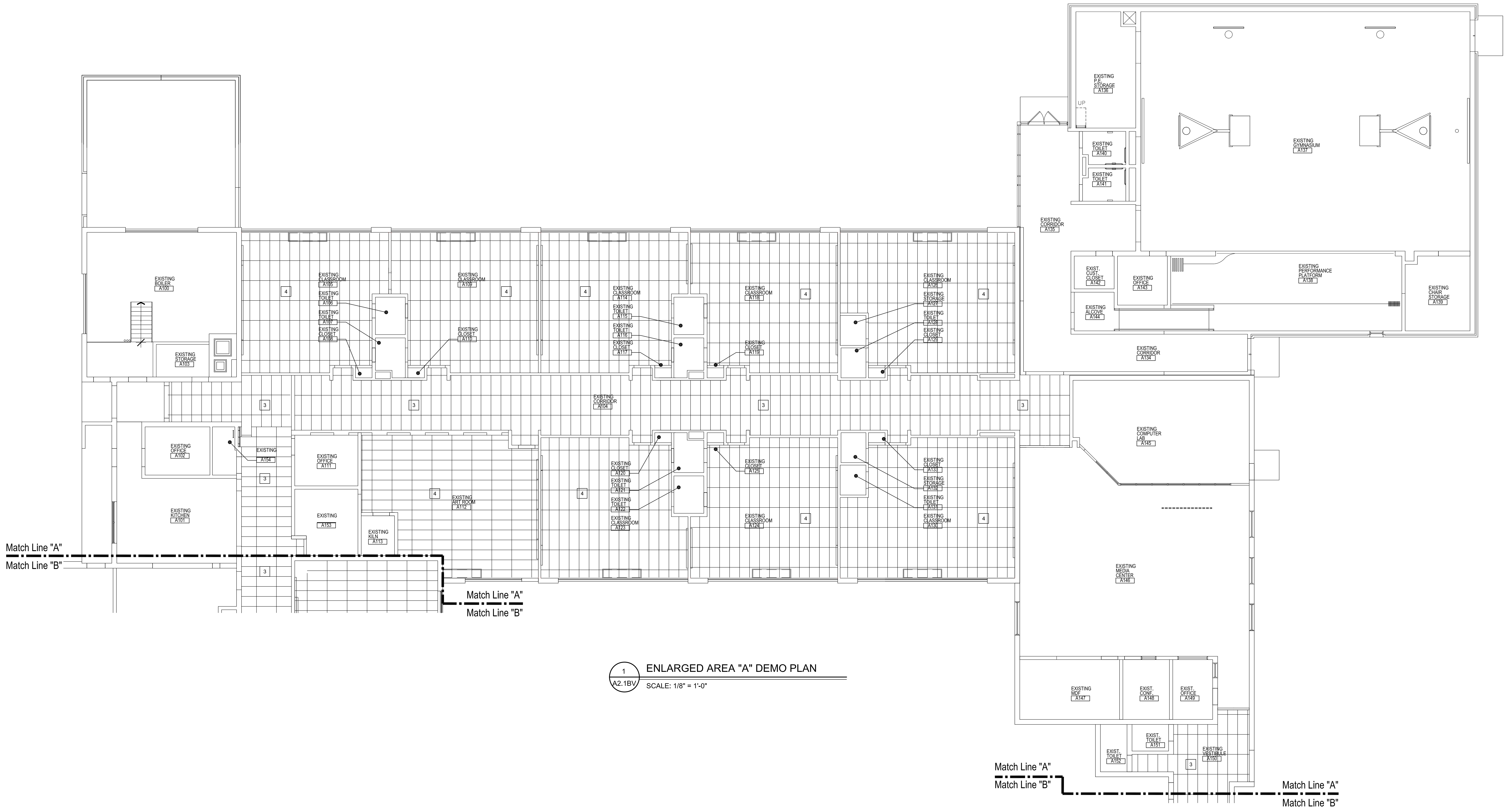
1/2/18

TE: December 12, 2017

EET NO.

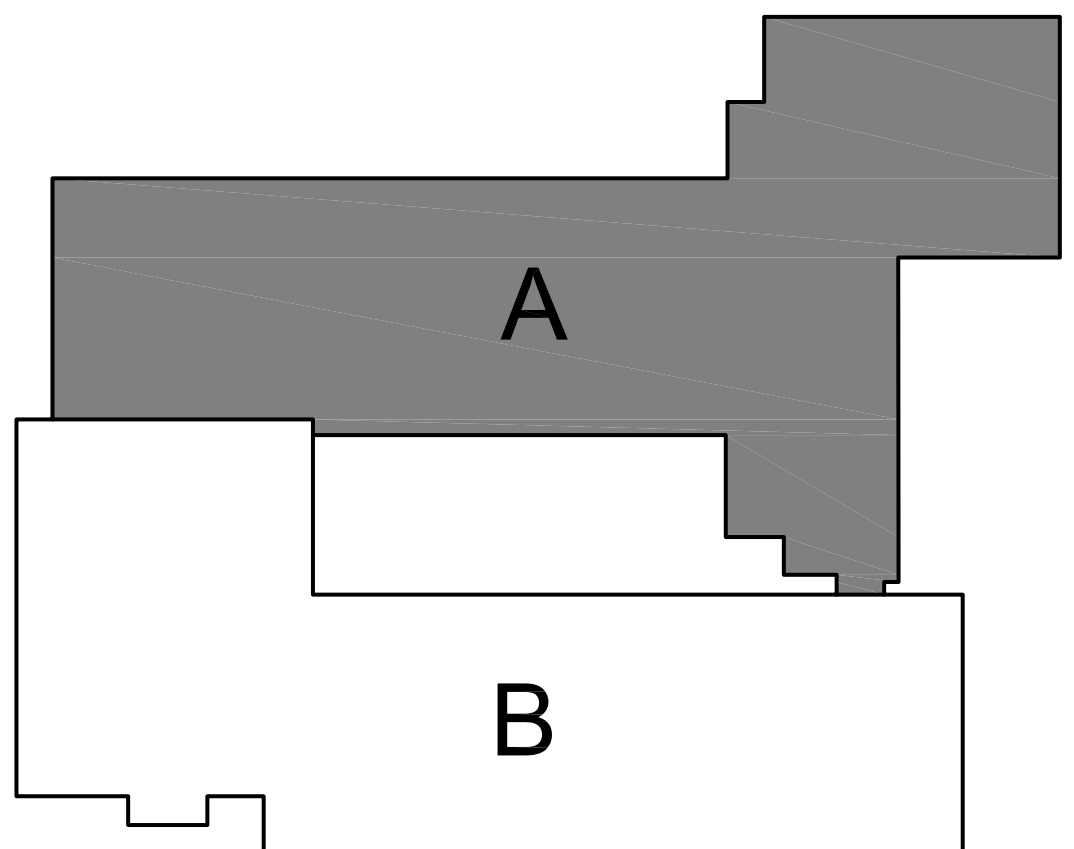
A2.1BV

3 NO. 171712A



GENERAL NOTES:

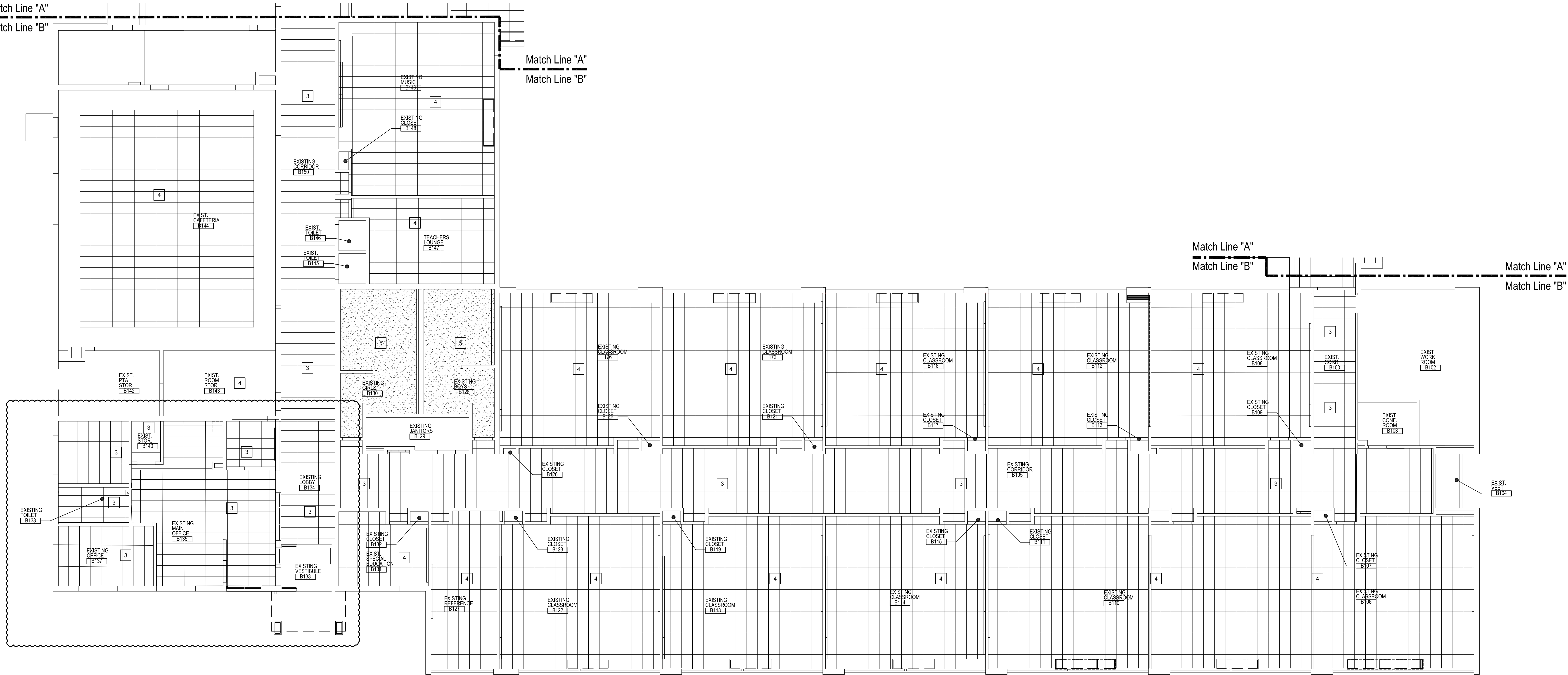
1. REFER TO SHEET G4.1 FOR TYPICAL NOTES, SYMBOLS, GENERAL INFORMATION, AND ABBREVIATIONS.
2. REFER TO SHEET G4.2 FOR REFERENCED KEYNOTES.



KEY PLAN

N.T.S.

Match Line "A"
Match Line "B"



1
A2.2BV
ENLARGED AREA "B" REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:
1. REFER TO SHEET G4.1 FOR TYPICAL NOTES, SYMBOLS, GENERAL INFORMATION, AND ABBREVIATIONS.
2. REFER TO SHEET G4.2 FOR REFERENCED KEYNOTES.

WA

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FARMINGTON PUBLIC SCHOOLS - 2015 BOND
2018 PROJECTS
KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

BEECHVIEW ELEMENTARY
SCHOOL

ENLARGED AREA "B"
REFLECTED CEILING PLAN

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

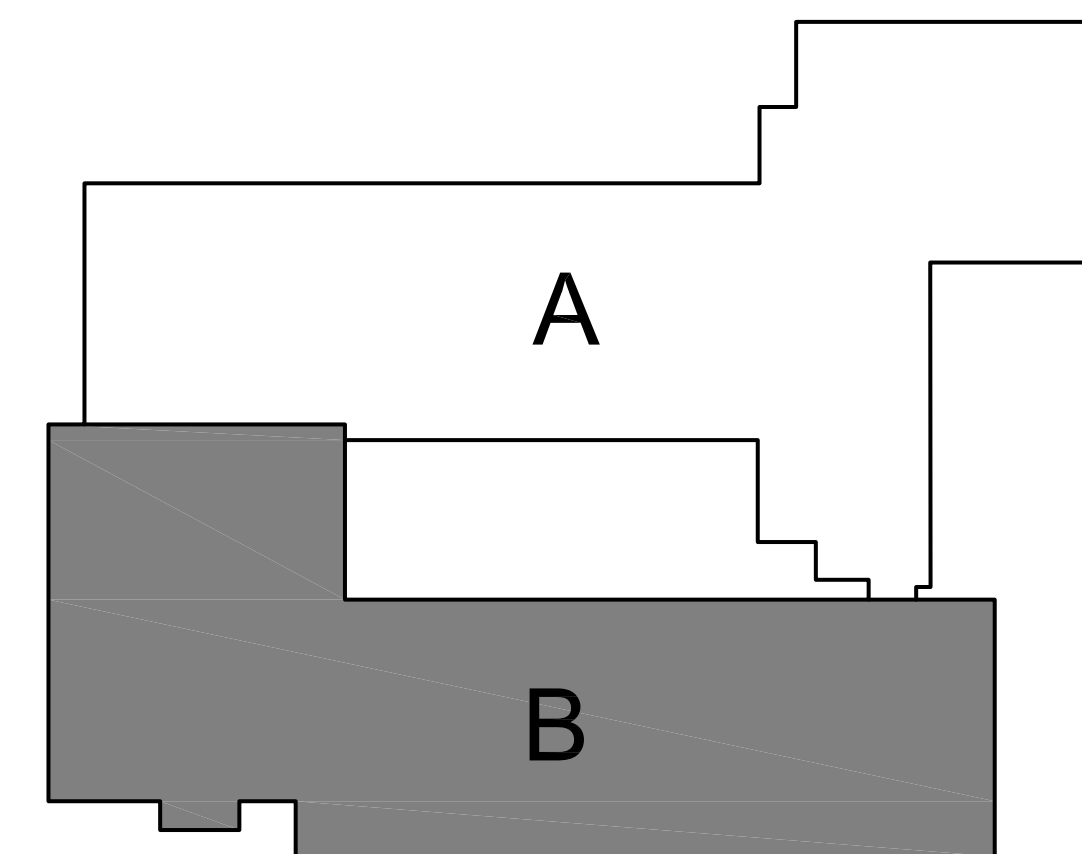
DRAWN BY: N.J.L.
CHECKED BY: B.J.S.

REVISIONS
ADD. No. 1 1/6/17

DATE: December 12, 2017
SHEET NO.

A2.2BV

JOB NO. 171712A

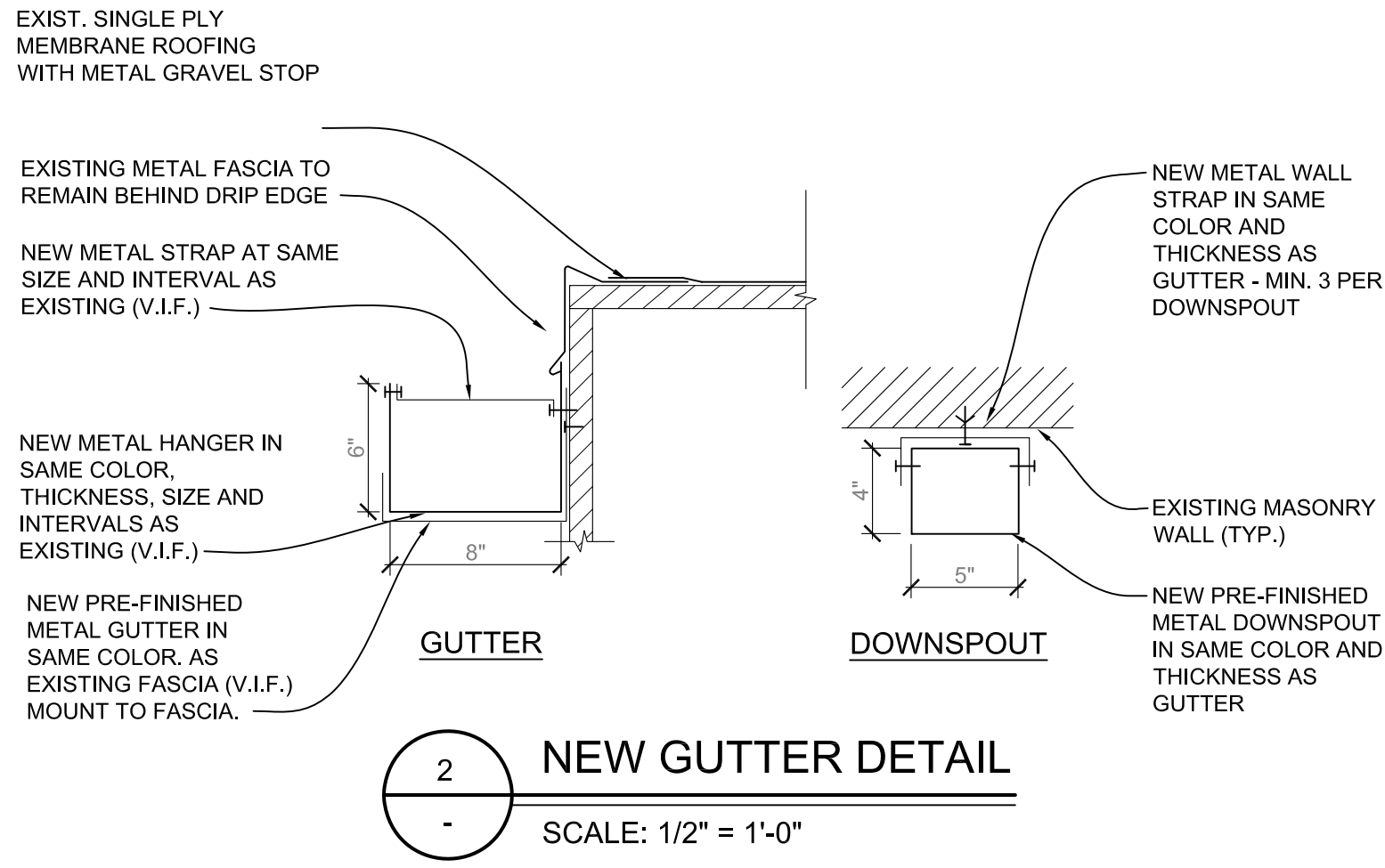
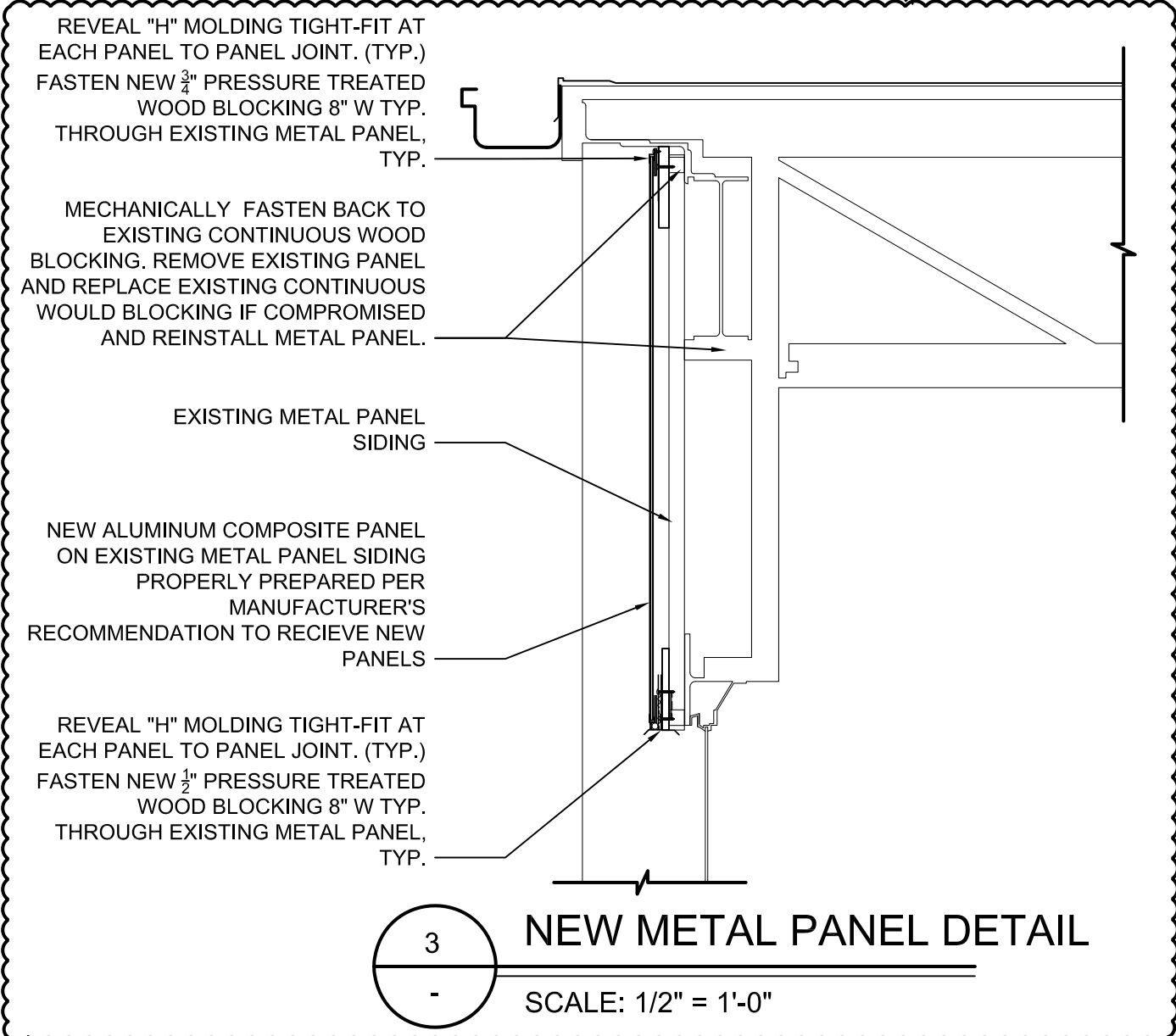
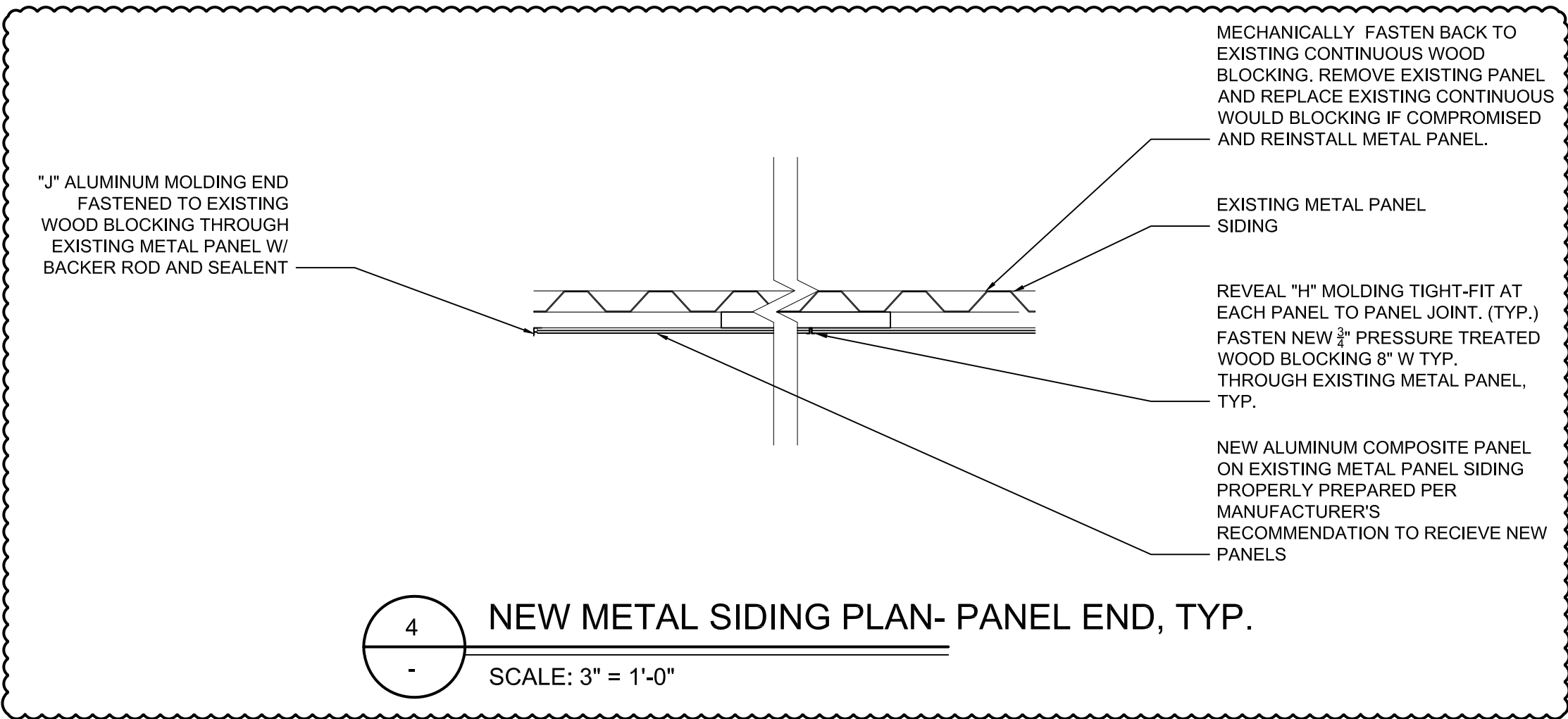


KEY PLAN

N.T.S.



1 ROOF PLAN
SCALE: 3/32" = 1'-0"



GENERAL NOTES:

- REFER TO SHEET G4.1 FOR TYPICAL NOTES, SYMBOLS, GENERAL INFORMATION, AND ABBREVIATIONS.
 - REFER TO SHEET G4.2 FOR REFERENCED KEYNOTES.
- ROOF PLAN GENERAL NOTES:
- VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 - VERIFY QUANTITY, SIZE AND LOCATION OF ALL EXISTING ROOF TOP EQUIPMENT, CURBS, FANS, VENTS, ROOF SUMPS, ETC. IN FIELD, PRIOR TO BIDDING. (NOT ALL EXISTING ROOF MOUNTED ITEMS ARE SHOWN ON ROOF PLAN)
 - EXISTING ROOF DECK IS BOTH METAL AND GYPSUM DECK. VERIFY EXTENT OF EACH AREA IN FIELD.

ROOF PLAN LEGEND:

- NEW SINGLE PLY ROOF MEMBRANE OVER NEW 1" RIGID INSULATION BOARD OVER EXISTING BUILT-UP ROOF SYSTEM (REMOVE ALL LOOSE BALLAST) REMOVE EXISTING METAL COPING AND PROVIDE NEW METAL COPING ALONG ENTIRE PERIMETER OF ROOF TO MATCH HEIGHT AND PROFILE OF EXISTING COPING (V.I.F.) COLOR TBD.
- NEW SINGLE PLY ROOF MEMBRANE OVER NEW 1" RIGID INSULATION BOARD OVER EXISTING BUILT-UP ROOF SYSTEM (REMOVE ALL LOOSE BALLAST) REMOVE EXISTING METAL COPING AND PROVIDE NEW METAL COPING ALONG ENTIRE PERIMETER OF ROOF TO MATCH HEIGHT AND PROFILE OF EXISTING COPING (V.I.F.) COLOR TBD.
- REMOVE EXISTING ROOF SYSTEM & WET INSULATION DOWN TO ROOF DECK & INSTALL NEW RIGID INSULATION (MATCH EXISTING THICKNESS +/-4" V.I.F.) AND SINGLE PLY MEMBRANE ROOF SYSTEM - REFER TO RTA ROOF REPORT FOR ACTUAL DIMENSIONS. REPAIR AND REPLACE GYPSUM DECK AS REQUIRED. LOCATIONS SHOWN ARE APPROXIMATE AND CONTRACTOR MUST VERIFY EXTENT OF WET INSULATION IN FIELD. REFER TO RTA ROOF REPORT FOR ACTUAL DIMENSIONS.
- DIRECTION OF SLOPE (V.I.F.)
- PROVIDE NEW COPING TO MATCH EXISTING COPING PROFILE AT AREAS TO RECEIVE NEW ROOF. (V.I.F.) INCLUDE IN ALT. BID R-1

ROOF PLAN NOTES:

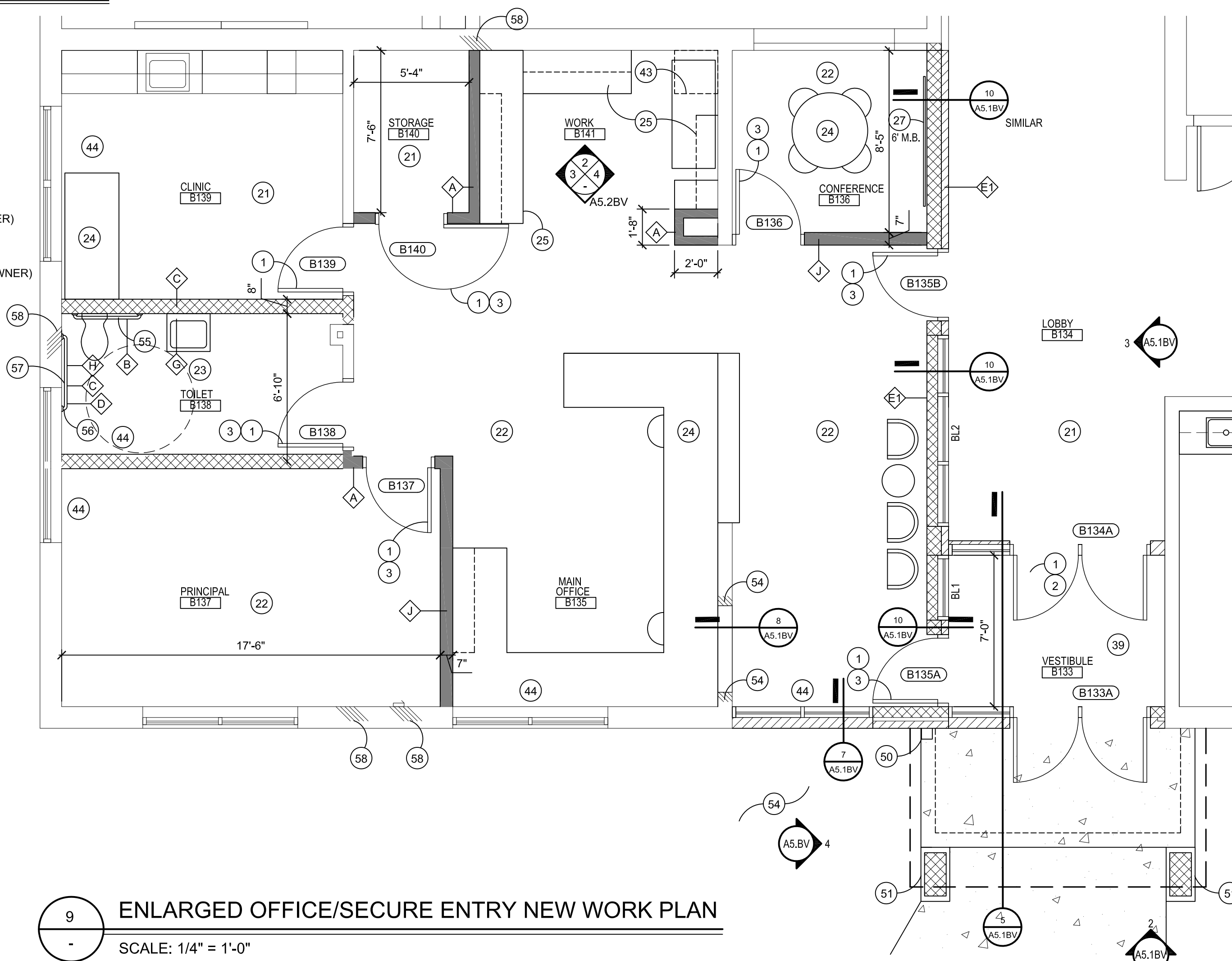
- A NEW ROOF TOP EQUIPMENT (SEE MECHANICAL DWGS.) AT LOCATIONS WITH EXISTING ROOFING MATERIAL TO REMAIN. CUT & PATCH EXISTING ROOFING AS REQD. PROVIDE NEW FLASHING, SUPPORT CURBS & NEW STRUCTURAL STEEL ANGLE ROOF FRAMING AS REQD. - REFER TO SHEET A3.1BV AND STRUCTURAL DRAWINGS.
- B ALTERNATE R1 - NEW SINGLE PLY ROOF MEMBRANE OVER NEW 1" RIGID INSULATION BOARD OVER EXISTING BUILT-UP ROOF SYSTEM (REMOVE ALL LOOSE BALLAST) REMOVE EXISTING METAL COPING AND PROVIDE NEW METAL COPING ALONG ENTIRE PERIMETER PER BASE BI
- C EXISTING ROOF TOP EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND CONTRACTOR MUST VERIFY IN FIELD. CONTRACTOR TO FLASH EXISTING EQUIPMENT IN PER APPROPRIATE DETAIL ON SHEET A3.1BV
- D OPEN COURTYARD
- E REMOVE EXISTING MASONRY CHIMNEY DOWN TO 3'-0" ABOVE EXISTING ROOF LINE. PROVIDE NEW SOLID CAST STONE TOP TO COVER ENTIRE CHIMNEY (+/- 6'-0" x 10'-0" V.I.F.) SLOPE TOP TO DRAIN, OVERHANG 1" AROUND ALL SIDES WITH DRIP EDGE (TYP.)
- F REMOVE ANEXISTING GUTTER AND DOWNSPOUT AND INSTALL NEW COMMERCIAL GRADE GUTTERS AND DOWNSPOUTS AROUND ENTIRE BUILDING. SEE DETAILS ON THIS SHEET. MATCH EXISTING LOCATIONS (V.I.F.)

METAL SIDING NOTES:

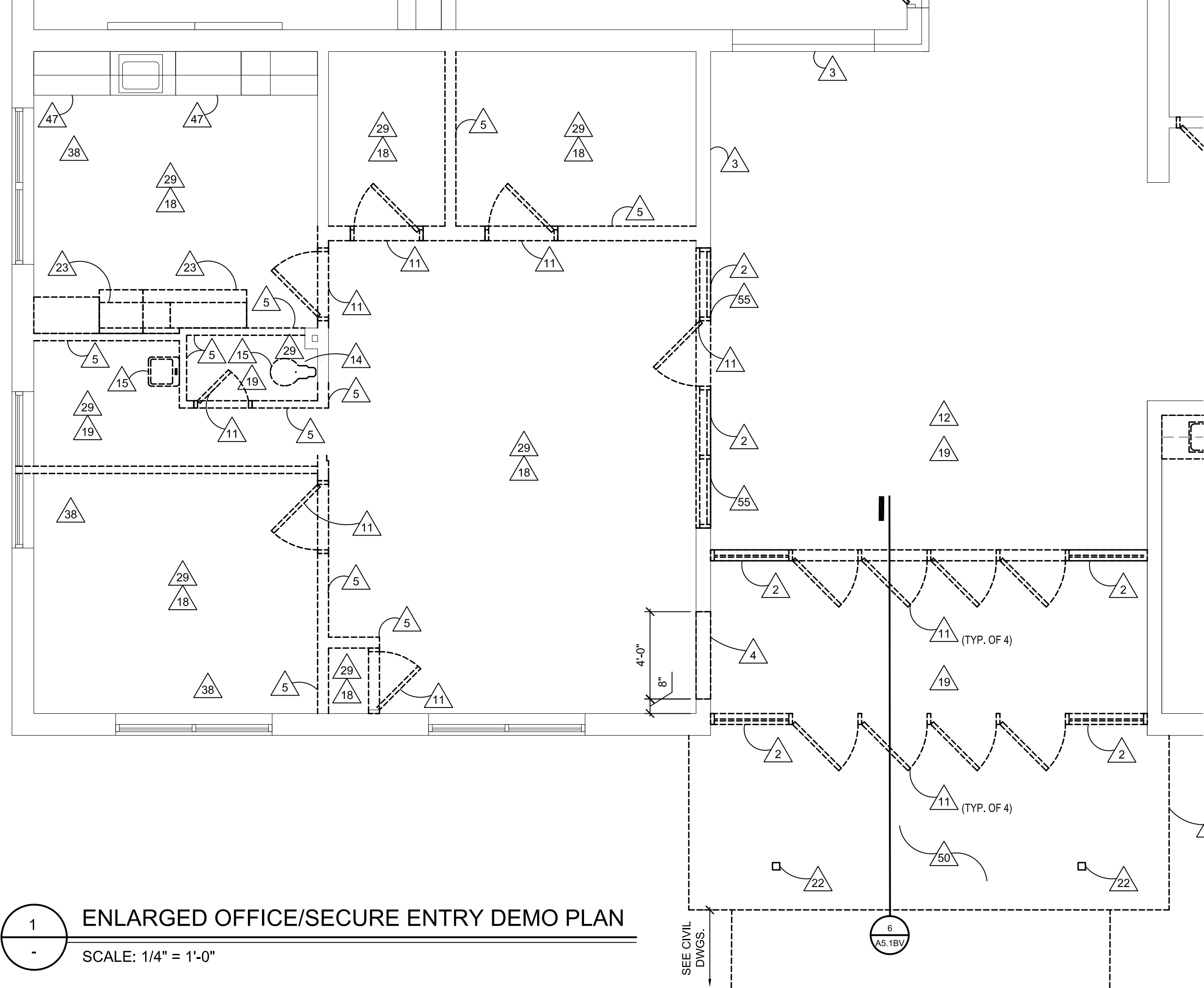
- PREPARE EX. METAL FASCIA PER MANUFACTURERS RECOMMENDATION TO RECEIVE NEW METAL SIDING.
- SECURE EXISTING METAL PANELS THAT ARE PULLED AWAY FROM BUILDING.
- REMOVE AND REINSTALL EXISTING LIGHTS AT EXISTING FASCIA PANEL AS REQUIRED.
- NEW METAL PANEL COLORS AND SURFACE TEXTURE TBD FROM MANUFACTURER'S COLOR LISTS. MULTIPLE COLORS MAY USED.
- USE ONLY ADHESIVES APPROVED BY NEW PANEL MANUFACTURER FOR PROPER ADHESION TO EXISTING METAL PANELS.
- NEW ALUMINUM COMPOSITE PANEL TO BE: "OMEGA-LITE" AS MANUFACTURED BY LAMINATORS, INC. (877) OMEGA77 (OR EQUAL AS APPROVED BY ARCHITECT.
- PANEL TO BE 48" IN HEIGHT WITH 72" LENGTHS. CLASS (A) FIRE RATED; COMPLY WITH: AAMA 605.2-92; ASTM B209-96; ASTM C481-09A; ASTM E84 AND ASTM C481-A.

TOILET ACCESSORY LEGEND:

- A TOILET PARTITION
- B 36" GRAB BAR
- C 42" GRAB BAR
- D 18" VERTICAL GRAB BAR
- E 36" x 36" MIRROR
- F URINAL SCREEN
- G 24" x 36" MIRROR
- H TOILET PAPER HOLDER (BY OWNER)
- I SOAP DISPENSOR (BY OWNER)
- J PAPER TOWEL DISPENSER (BY OWNER)
- K SANITARY NAPKIN DISPOSAL
- L MARBLE THRESHOLD



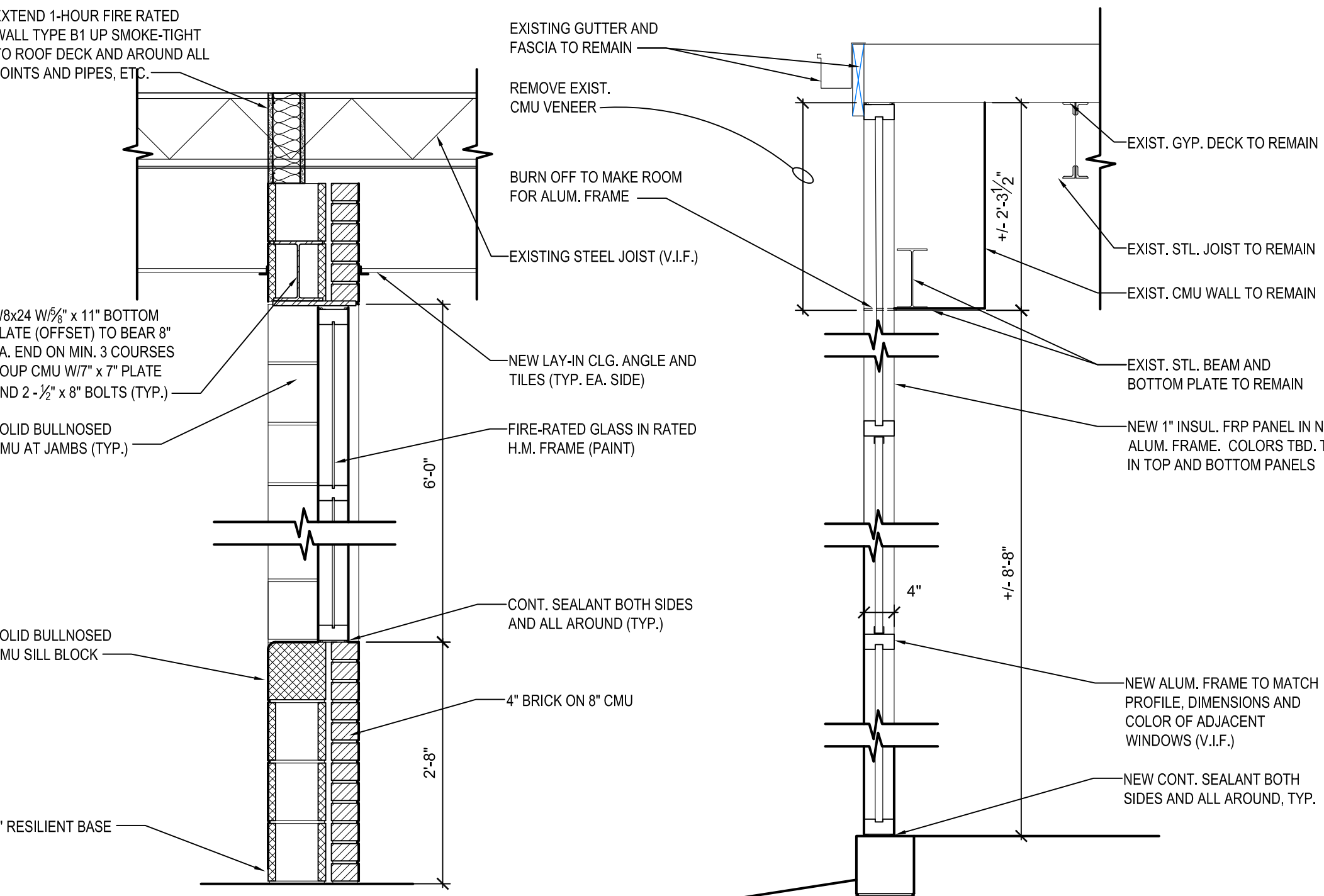
9 ENLARGED OFFICE/SECURE ENTRY NEW WORK PLAN
SCALE: 1/4" = 1'-0"



1 ENLARGED OFFICE/SECURE ENTRY DEMO PLAN
SCALE: 1/4" = 1'-0"

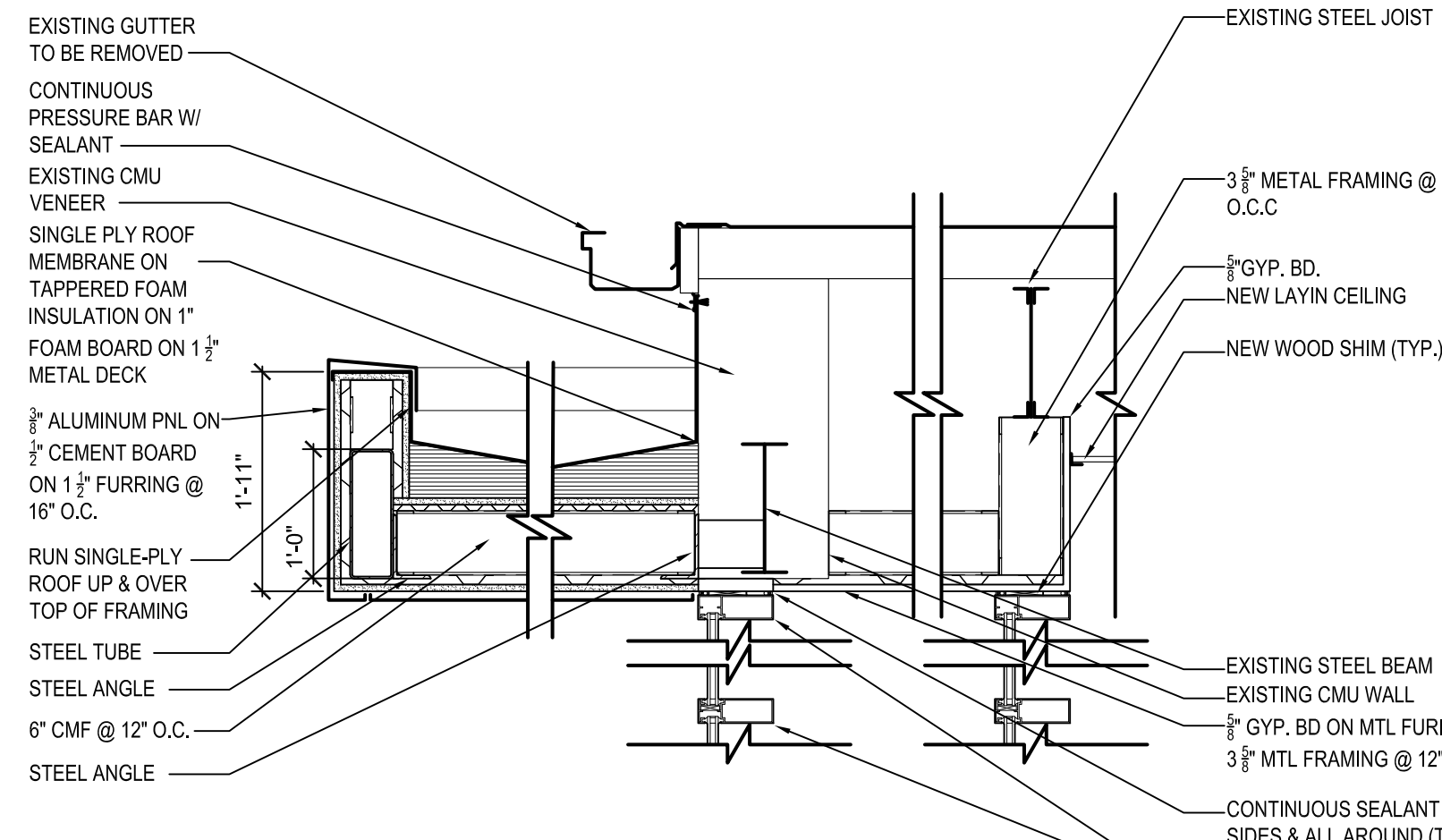
GENERAL NOTES:

1. REFER TO SHEET G4.1 FOR TYPICAL NOTES, SYMBOLS, GENERAL INFORMATION, AND ABBREVIATIONS.
2. REFER TO SHEET G4.2 FOR REFERENCED KEYNOTES.

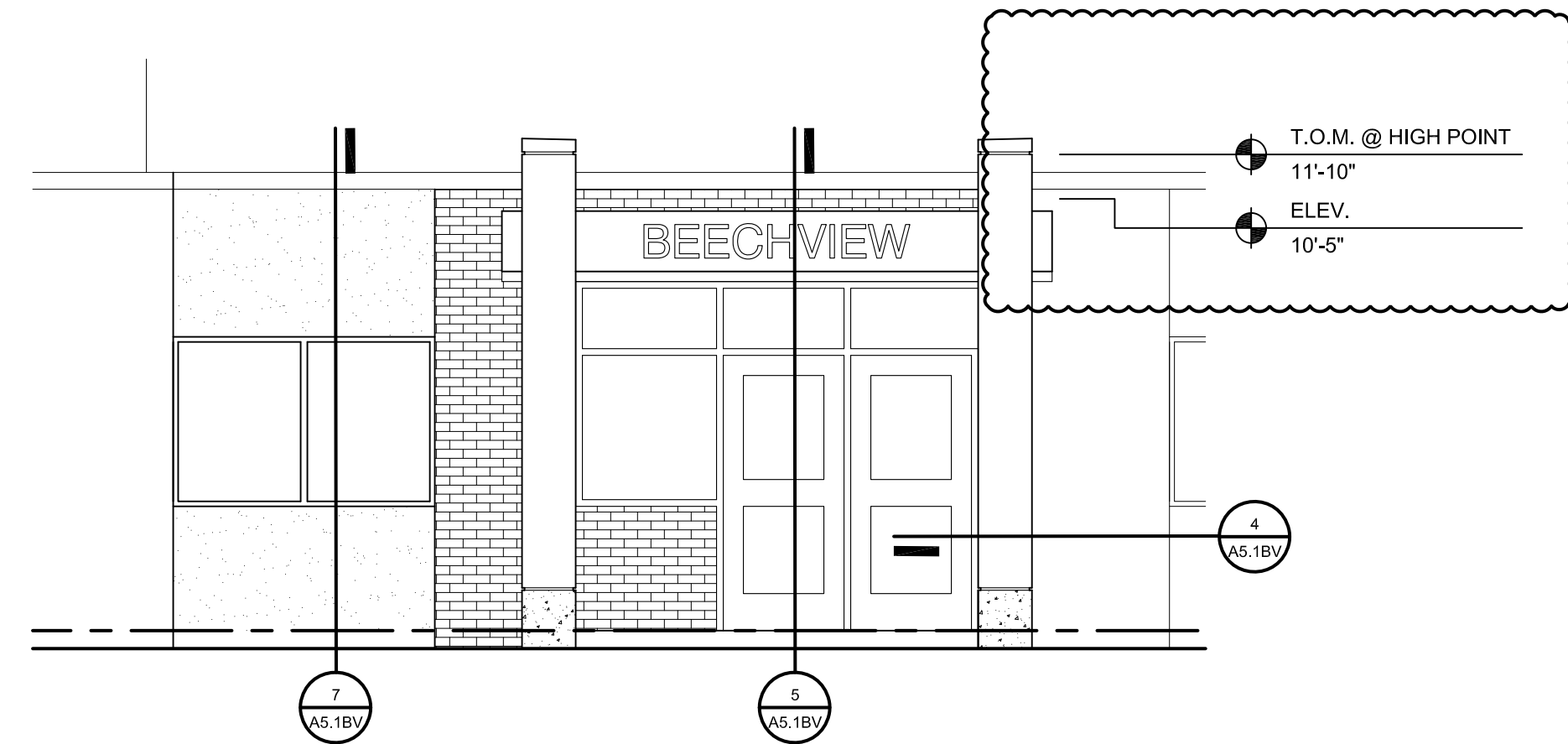


10 WALL SECTION @ WALL OPENING
SCALE: 3/4" = 1'-0"

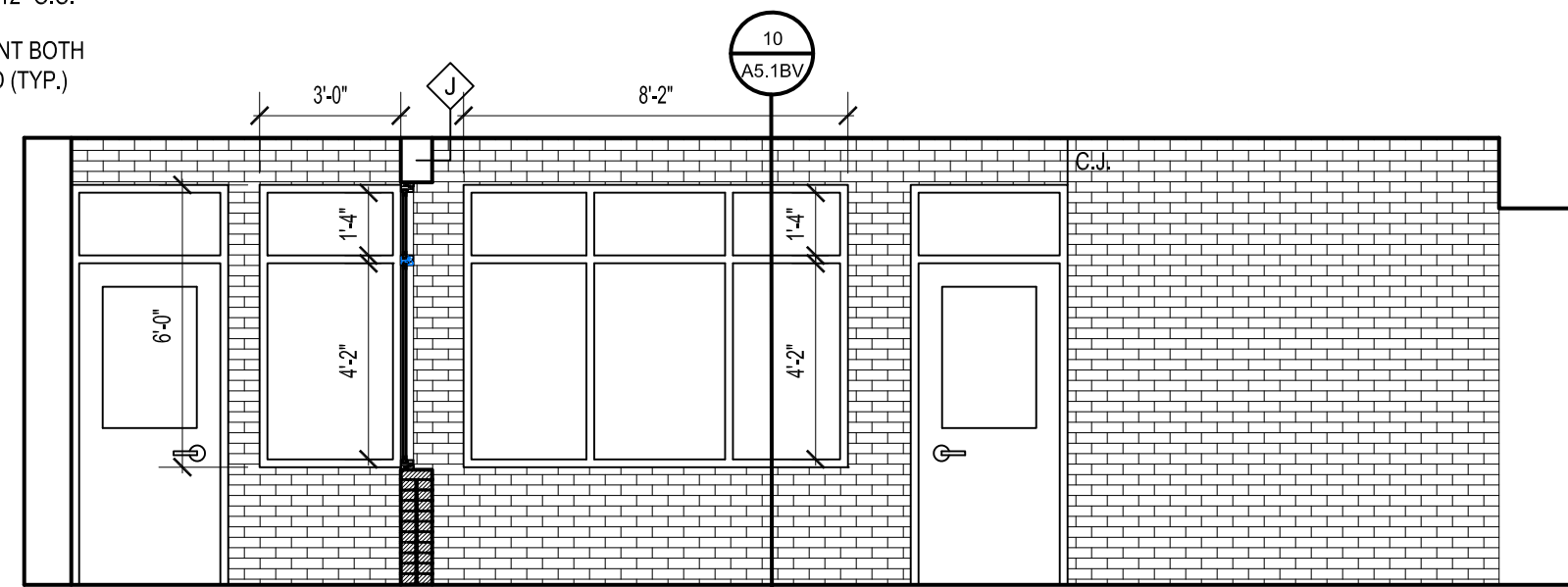
7 SECTION AT WINDOW
SCALE: 1 1/2" = 1'-0"



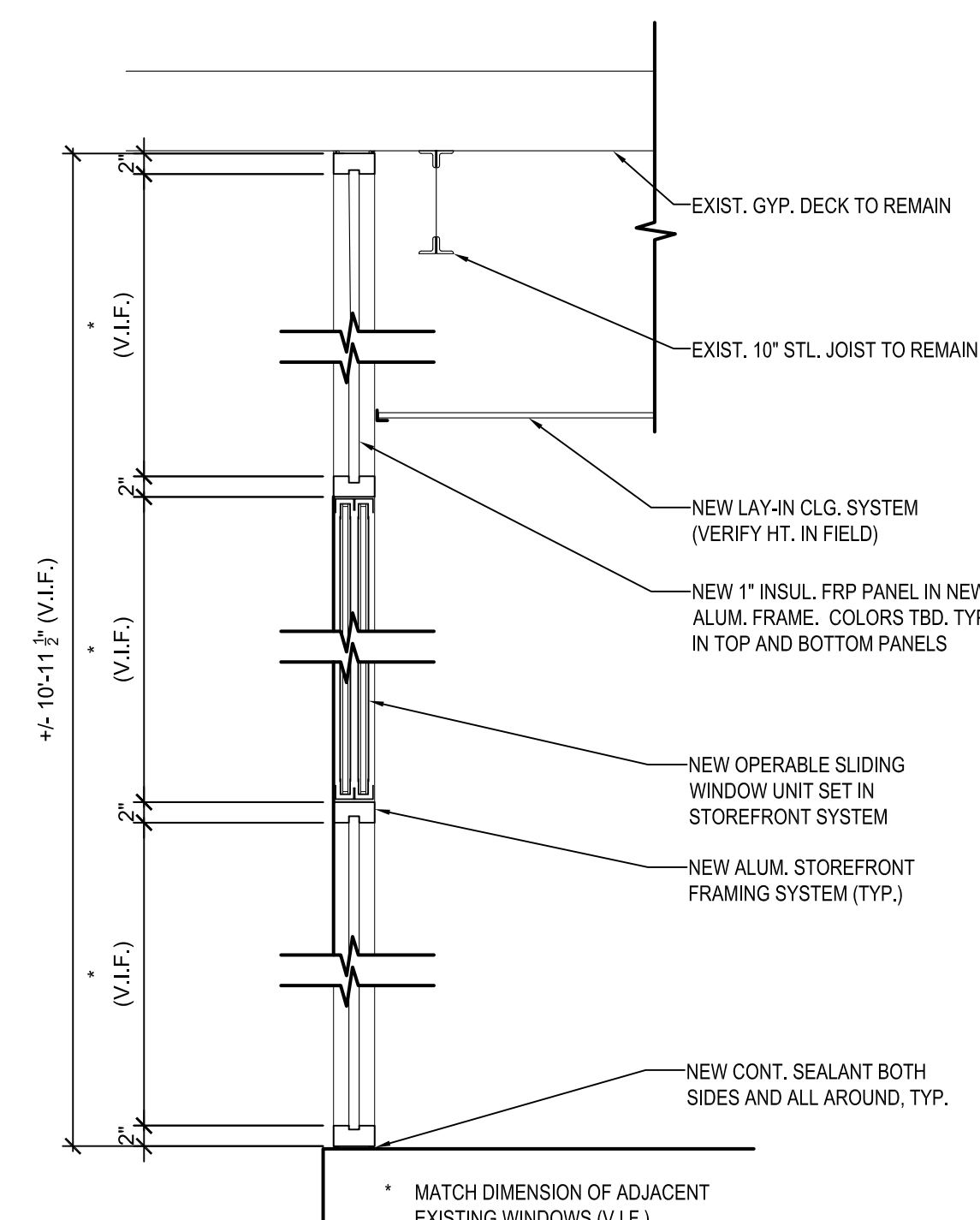
5 SECTION @ NEW CANOPY
SCALE: 3/4" = 1'-0"



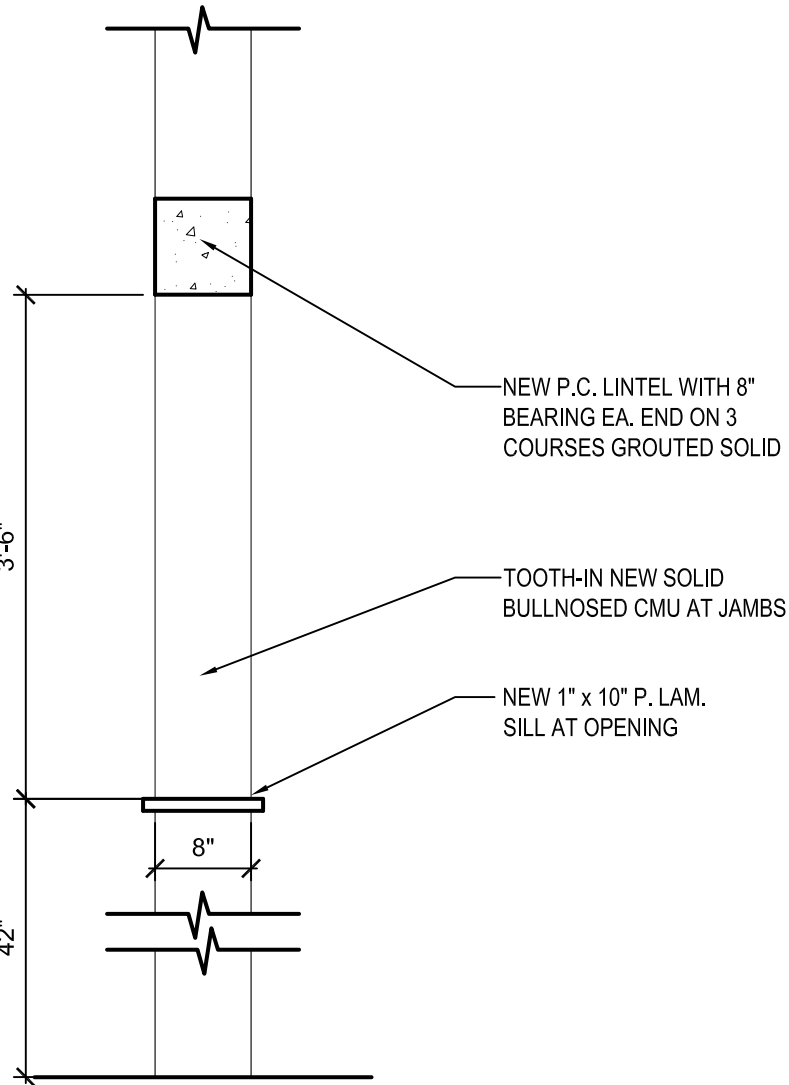
2 FRONT ELEVATION @ NEW ENTRY
SCALE: 1/4" = 1'-0"



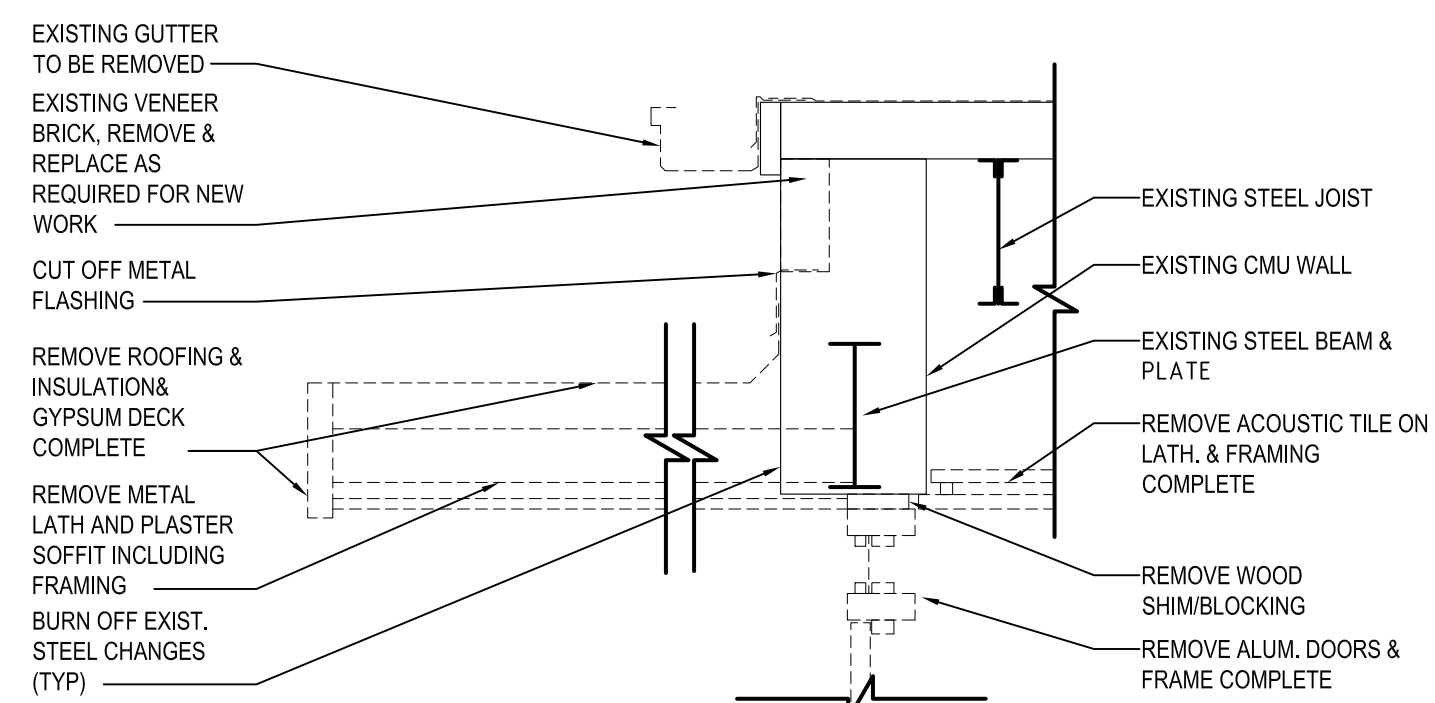
3 INTERIOR ELEVATION @ NEW ENTRY
SCALE: 1/4" = 1'-0"



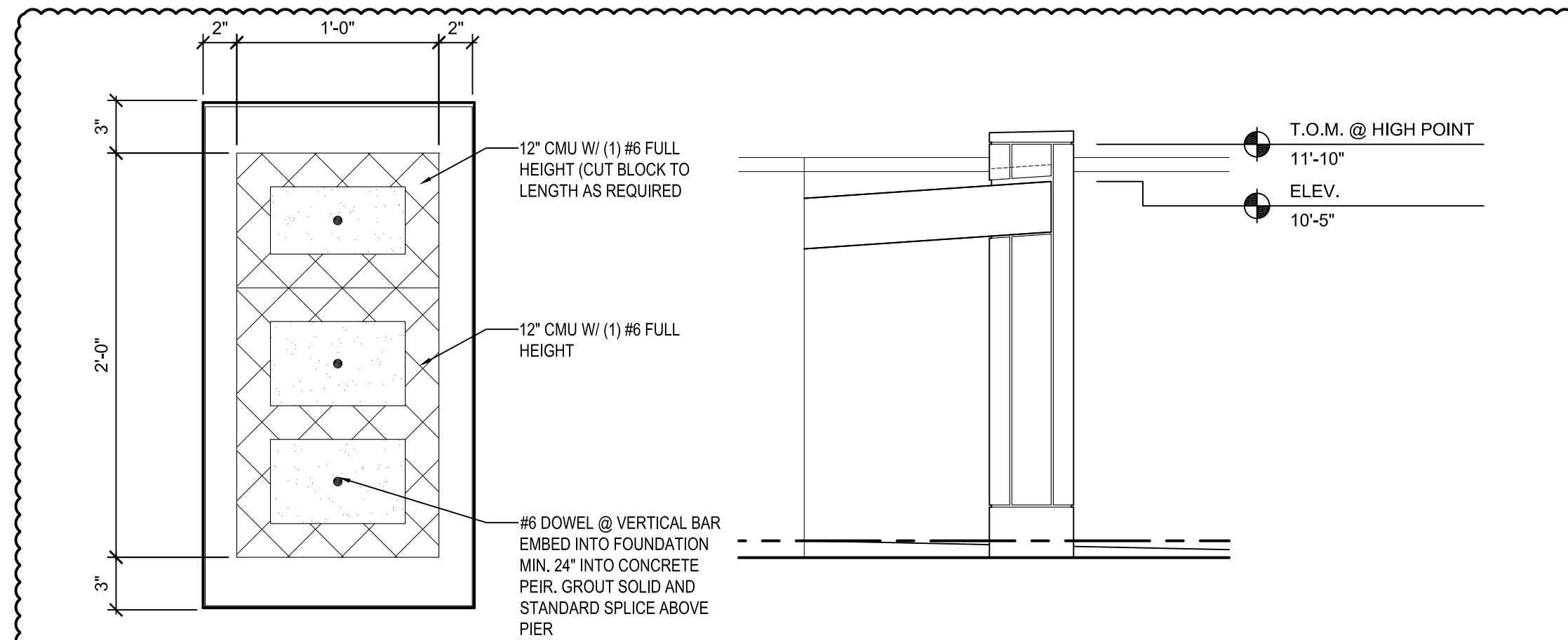
11 SECTION AT WINDOW
SCALE: 1/4" = 1'-0"



8 WALL SECTION
SCALE: 1/4" = 1'-0"



6 DEMO SECTION @ CANOPY
SCALE: 1/4" = 1'-0"



12 COLUMN DETAIL
SCALE: 1 1/2" = 1'-0"

4 SIDE ELEVATION @ NEW ENTRY
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE ABBREVIATIONS:

ACT	ACOUSTICAL CEILING TILE IN NEW METAL GRID	PT	PAINT
ACT/PAD	NEW ACOUSTIC TILE IN EXIST. METAL GRID	RB	4" RESILIENT COVE BASE
BR	BRICK	RTR	RUBBER TREADS AND RISERS
CMU	CONCRETE MASONRY UNIT	SC	SEALED CONCRETE
CPT	CARPET	TEC	2'-0" x 2'-0" TECTUM IN GRID SYSTEM
EPT	EPOXY PAINT	LVT	LUXURY VINYL TILE FLOOR
ETR	EXISTING TO REMAIN	VACT	VINYL FACED ACT
EXP	EXPOSED CONSTRUCTION	VB	VENTED BASE
GB	GYPSUM BOARD	WC	WALK-OFF CARPET
PCT	PORCELAIN CERAMIC TILE	WD	WOOD
4PCT	4" PORCELAIN CERAMIC TILE COVE BASE	AF	ACCESS FLOORING

ROOM FINISH SCHEDULE REMARKS:

1. PROVIDE MARKER BD. PAINT ON WALLS - FULL HEIGHT AND WIDTH.
2. NEW CEILING TO BE PLACED AT SAME HEIGHT AS EXISTING (VIF).
3. SEE FLOOR PLANS FOR EXTENT OF NEW FLOORING & PATTERNS.
4. MULTIPLE WALL PAINT COLORS & PATTERNS WILL BE USED IN THIS ROOM.
5. MULTIPLE COLORS WILL BE USED ON EXPOSED ROOF DECK, FRAMING, DUCTWORK, ETC.
6. SEE ELEVATIONS AND NOTES FOR HEIGHT OF WALL TILE. PAINT CMU WALL ABOVE TILE (VERIFY EACH ROOM DIMENSION IN FIELD).
7. SEE ELEVATIONS AND DETAILS FOR SOFFITS / WALL MATERIALS TO BE PAINTED.
8. REMOVE WALL COVERING, SKIM COAT WALLS, SAND AND PREP FOR NEW PAINT AS REQUIRED.
9. NOT USED
10. PROVIDE GYM FLOOR STRIPING AS DETAILED ON ENLARGED PLANS.
11. PAINT WALLS UP TO CEILING LINE (+/-10'-0" A.F.F. VIF)
12. PROVIDE WALL CARPET SEE DETAIL
13. PROVIDE 12'-0" x 12'-0" AREA RUG - SEE SPEC.

ROOM FINISH SCHEDULE GENERAL NOTES (APPLIES TO ALL ROOMS):

1. PAINT ALL EXPOSED ITEMS IN ROOMS: DOOR FRAMES, WINDOW FRAMES, DUCTS, PIPES, CONDUITS, ROOF FRAMING, ROOF DECK, ETC.
2. SEE ELEVATIONS & DETAILS FOR GYP BD SOFFIT HEIGHTS & SIZES.
3. SEE ELEVATIONS & DETAILS FOR WALL TILE HEIGHTS & LOCATIONS
4. SEE PLANS FOR FLOOR PATTERNS AND WALK-OFF CARPET LOCATIONS
5. PROVIDE VINYL TRANSITION STRIPS AT DISSIMILAR FLOOR FINISHES - CARPET / TILE, CARPET / CONCRETE, ETC.
6. PAINT NEW WALL CONSTRUCTION TO MATCH EXISTING IN ROOM (VIF)
7. PROVIDE STAINLESS STEEL SCHLUTER TRANSITIONS AT ALL HARD TILE / CARPET LOCATIONS.
8. MODIFY EXISTING LAY-IN CEILINGS AS REQUIRED TO ACCOMMODATE NEW WALL PLACEMENT.
9. REMOVE / REINSTALL EXISTING LAY-IN CEILING SYSTEMS AS REQUIRED FOR OVERHEAD PIPING, DUCT WORK, ETC (VIF).
10. VERIFY WITH EACH SCHOOL PRINCIPAL **BEFORE PAINTING OVER** TOP OF EXISTING PAINTED MURALS IN CORRIDORS AND CLASSROOMS.
11. ALL TOILET ROOMS CALLING FOR PAINT TO BE EPOXY PAINT (WALLS & CEILINGS).

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING		REMARKS
					MATERIAL	HGT.	
B135	EXISTING MAIN OFFICE	CPT	RB	BR/GB-PT	ACT	+/-9'-6"(VIF)	-
B136	NEW CONFERENCE ROOM	CPT	RB	CMU/BR/ETR	ACT	9'-0"	-
B137	EXISTING OFFICE	CPT	RB	GB/CMU/PT	ACT	9'-0"	-
B138	NEW TOILET	PCT	4PCT	GB/CMU/EPT	ACT	9'-0"	-
B139	NEW CLINIC	LVT	RB	GB/CMU/PT	ACT	9'-0"	-
B140	NEW STORAGE	CPT	RB	PT	ACT	-	-
B141	NEW WORK ROOM	CPT	RB	PT	ACT	-	-
B142	EXISTING PTA STORAGE	ETR	ETR	ETR	ETR	-	-
B143	EXIST. CONFERENCE ROOM	CPT	RB	PT	ETR	-	-
B144	EXISTING CAFETERIA	LVT	RB	PT	ACT/PAD	+/-10'-0"(VIF)	3,4,11
B145	EXISTING TOILET	PCT	4PCT	EPT	EPT	+/-8'-0"(VIF)	-
B146	EXISTING TOILET	PCT	4PCT	EPT	EPT	+/-8'-0"(VIF)	-
B147	EXIST. TEACHERS LOUNGE	CPT/LVT	RB	PT	ACT/PAD	-	-
B148	EXISTING CLOSET	CPT	RB	ETR	ETR	-	-
B149	EXISTING MUSIC	CPT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	12
B150	EXISTING CORRIDOR	LVT	RB	PT	ACT	-	-
B151	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
B152	EXISTING SERVERY	ETR	ETR	ETR	ETR	-	-
B154	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
B155	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
B172	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
B176	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING		REMARKS
					MATERIAL	HGT.	
A100	EXISTING BOILER	ETR	ETR	ETR	ETR	-	-
A101	EXISTING KITCHEN	ETR	ETR	ETR	ETR	-	-
A102	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
A103	EXISTING OFFICE	ETR	ETR	ETR	ETR	-	-
A104	EXISTING CORRIDOR	LVT	RB	PT	ACT	+/-7'-11"(VIF)	2,3,4
A105	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
A106	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A107	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A108	EXISTING CLOSET	LVT	RB	ETR	ETR	-	13
A109	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
A110	EXISTING CLOSET	LVT	RB	PT	ETR	-	-
A111	EXISTING OFFICE	CPT	RB	PT	ACT/PAD	-	-
A112	EXISTING ART ROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	-
A113	EXISTING KILN	ETR	ETR	ETR	ETR	-	-
A114	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
A115	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A116	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A117	EXISTING CLOSET	LVT	RB	ETR	ETR	+/-8'-0"(VIF)	-
A118	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	-
A119	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
A120	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
A121	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A122	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A123	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
A124	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
A125	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
A126	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
A127	EXISTING STORAGE	LVT	RB	ETR	ETR	-	-
A128	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A129	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
A130	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	+/-9'-2"(VIF)	13
A131	EXISTING STORAGE	LVT	RB	ETR	ETR	-	-
A132	EXISTING TOILET	PCT	4PCT	PT	ETR/PT	+/-8'-0"(VIF)	-
A133	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
A134	EXISTING CORRIDOR	LVT	RB	PT	ETR	-	3,4
A135	EXISTING CORRIDOR	LVT	RB	PT	ETR	-	3,4
A136	EXISTING P.E. STORAGE	ETR	ETR	ETR	ETR	-	-
A137	EXISTING GYMNASIUM	LVT	RB	PT	ETR/PT	-	4,5,10
A138	EXIST. PERFORMANCE PLATFORM	LVT	RB	PT	PT	-	-
A139	EXISTING CHAIR STORAGE	ETR	ETR	ETR	ETR	-	-
A140	EXISTING TOILET	ETR	ETR	PT	ETR	-	-
A141	EXISTING TOILET	ETR	ETR	PT	ETR	-	-
A142	EXISTING CUST. CLOSET	ETR	ETR	ETR	ETR	-	-
A143	EXISTING OFFICE	LVT	RB	PT	ACT	-	2
A144	EXISTING ACLOVE	LVT	RB	PT	ETR	-	-
A145	EXISTING COMPUTER LAB	CPT	RB	ETR	ETR	-	-
A146	EXISTING MEDIA CENTER	CPT	RB	PT	ACT/PAD	-	4
A147	EXISTING MDF	ETR	ETR	ETR	ETR	-	-
A148	EXISTING CONF.	ETR	ETR	ETR	ETR	-	-
A149	EXISTING OFFICE	ETR	ETR	ETR	ETR	-	-
A150	EXISTING VESTIBULE	LVT	RB	PT	ACT	-	-
A151	EXISTING TOILET	ETR	ETR	PT	ETR	-	-
A152	EXISTING TOILET	ETR	ETR	PT	ETR	-	-
A153	EXISTING OFFICE	CPT	RB	PT	ACT	-	2
-	-	-	-	-	-	-	-
B100	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-0"	3,4
B101	-	-	-	-	-	-	-
B102	EXISTING WORK ROOM	ETR	ETR	ETR	ETR	9'-2"	-
B103	EXISTING CONF. ROOM	CPT	RB	PT	ETR	-	-
B104	EXISTING VESTIBULE	WC	RB	PT	ACT	9'-2"	-
B105	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-0"	3,4
B106	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	9'-2"	9,13
B107	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B108	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	9'-2"	9,13
B109	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B110	EXISTING CLASSROOM	LVT	RB	PT	ACT	9'-2"	13
B110A	EXISTING CLASSROOM	LVT	RB	PT	ACT	9'-2"	13
B111	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B112	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	9'-2"	13
B113	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B114	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	9'-2"	13
B115	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B116	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	9'-2"	13
B117	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B118	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	9'-2"	13
B119	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B120	-	-	-	-	-	-	-
B121	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B122	EXISTING CLASSROOM	LVT	RB	PT	ACT/PAD	9'-2"	13
B123	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B124	-	-	-	-	-	-	-
B125	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B126	-	-	-	-	-	-	-
B127	EXISTING REFERENCE	LVT	RB	PT	ACT/PAD	-	-
B128	EXISTING BOYS	PCT	4PCT	PCT/EPT	GYP/EPT	-	6
B129	EXISTING JANITORS	ETR	ETR	ETR	ETR	-	-
B130	EXISTING GIRLS	PCT	4PCT	PCT/EPT	GYP/EPT	-	6
B131	EXIST. SPECIAL EDUCATION	LVT	RB	PT	ACT/PAD	-	-
B132	EXISTING CLOSET	LVT	RB	ETR	ETR	-	-
B133	EXISTING VESTIBULE	WC	-	ETR	BR/ETR	-	-
B134	EXISTING LOBBY	LVT	RB	ETR/PT	ACT	9'-6"	-



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FARMINGTON PUBLIC SCHOOLS - 2015 BOND
2018 PROJECTS
KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

BEECHVIEW ELEMENTARY
SCHOOL

ROOM FINISH SCHEDULE

- PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY _NUL_
CHECKED BY _BJS_

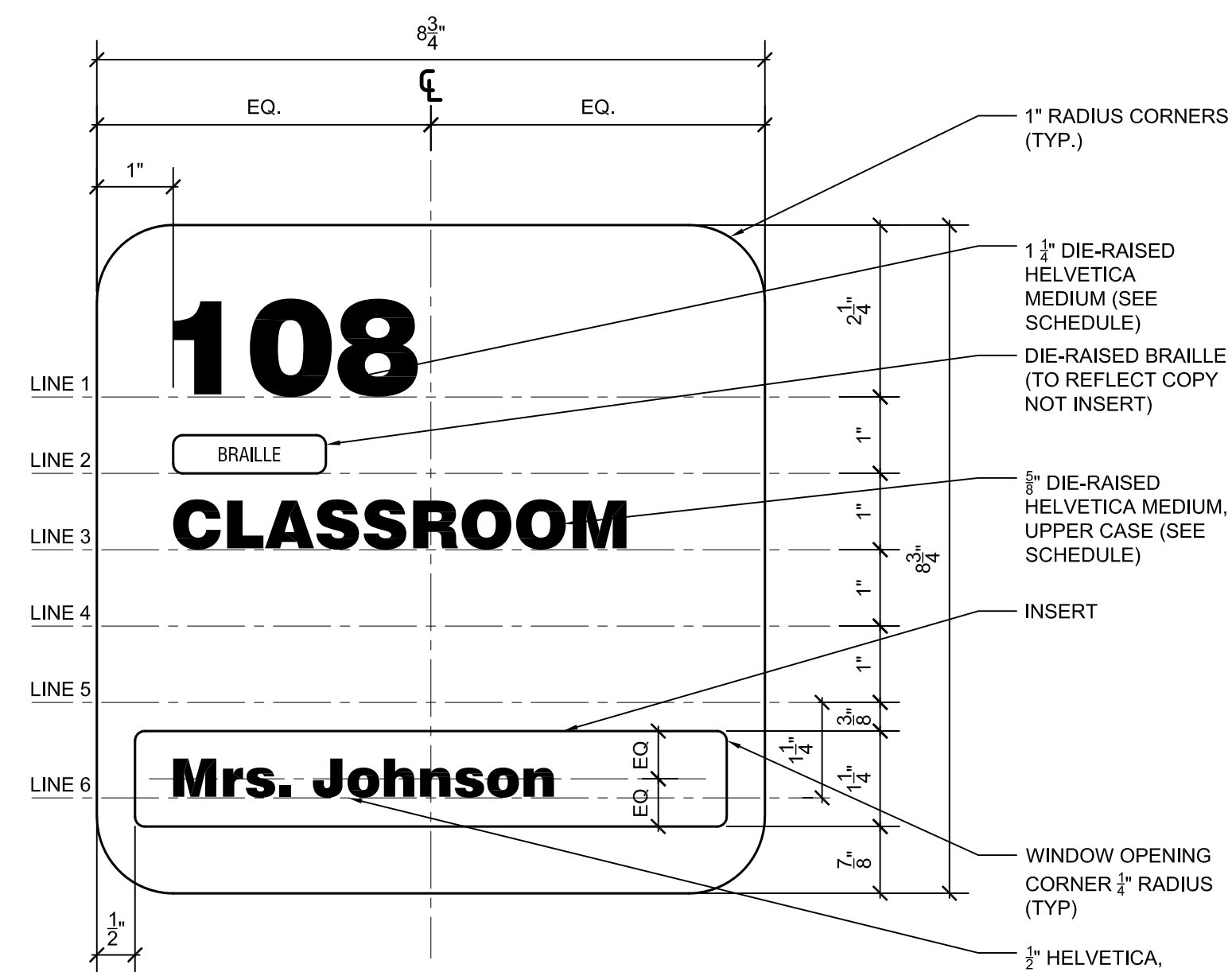
REVISIONS
ADD: No. 01 1/3/18

DATE: December 12, 2017

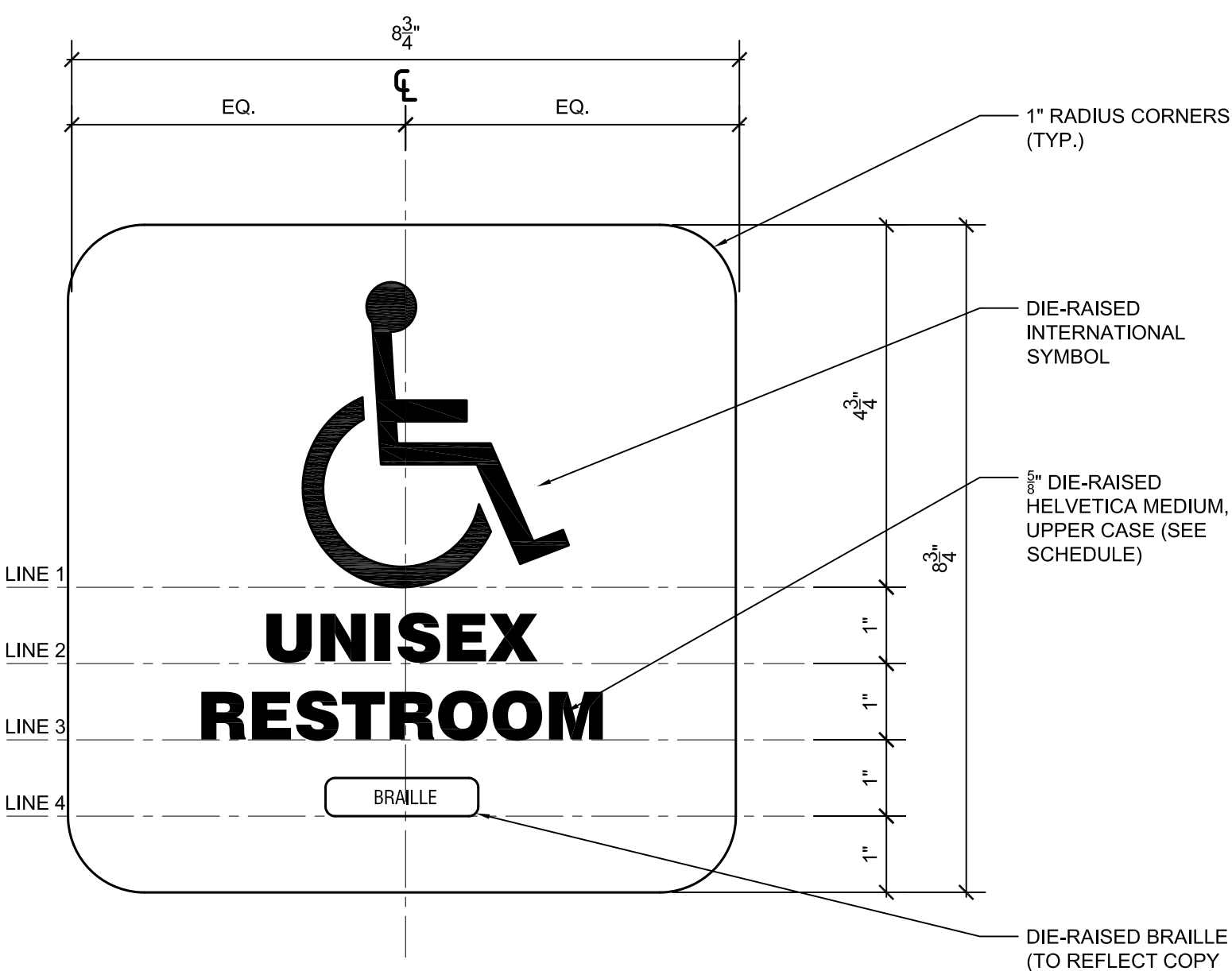
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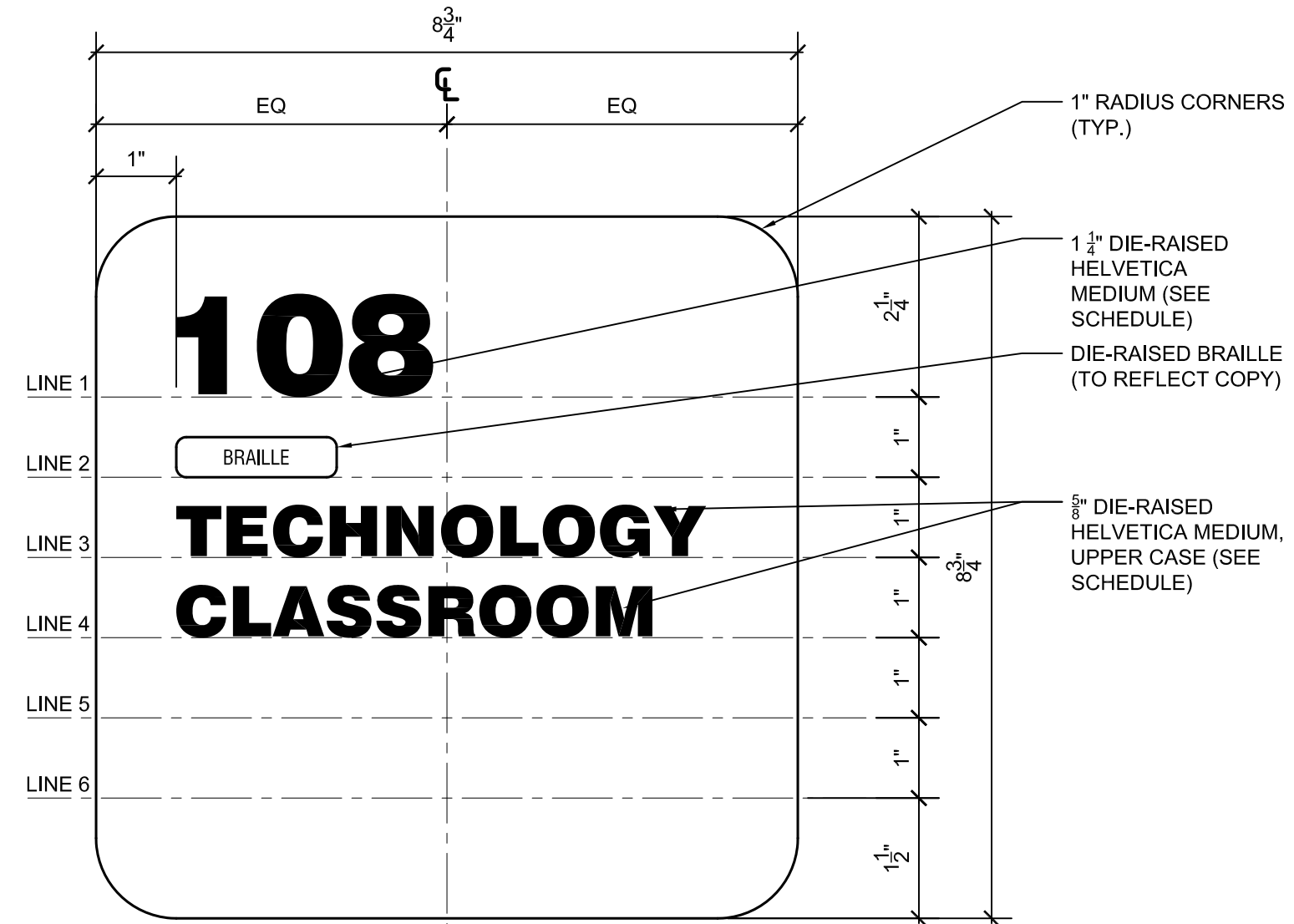
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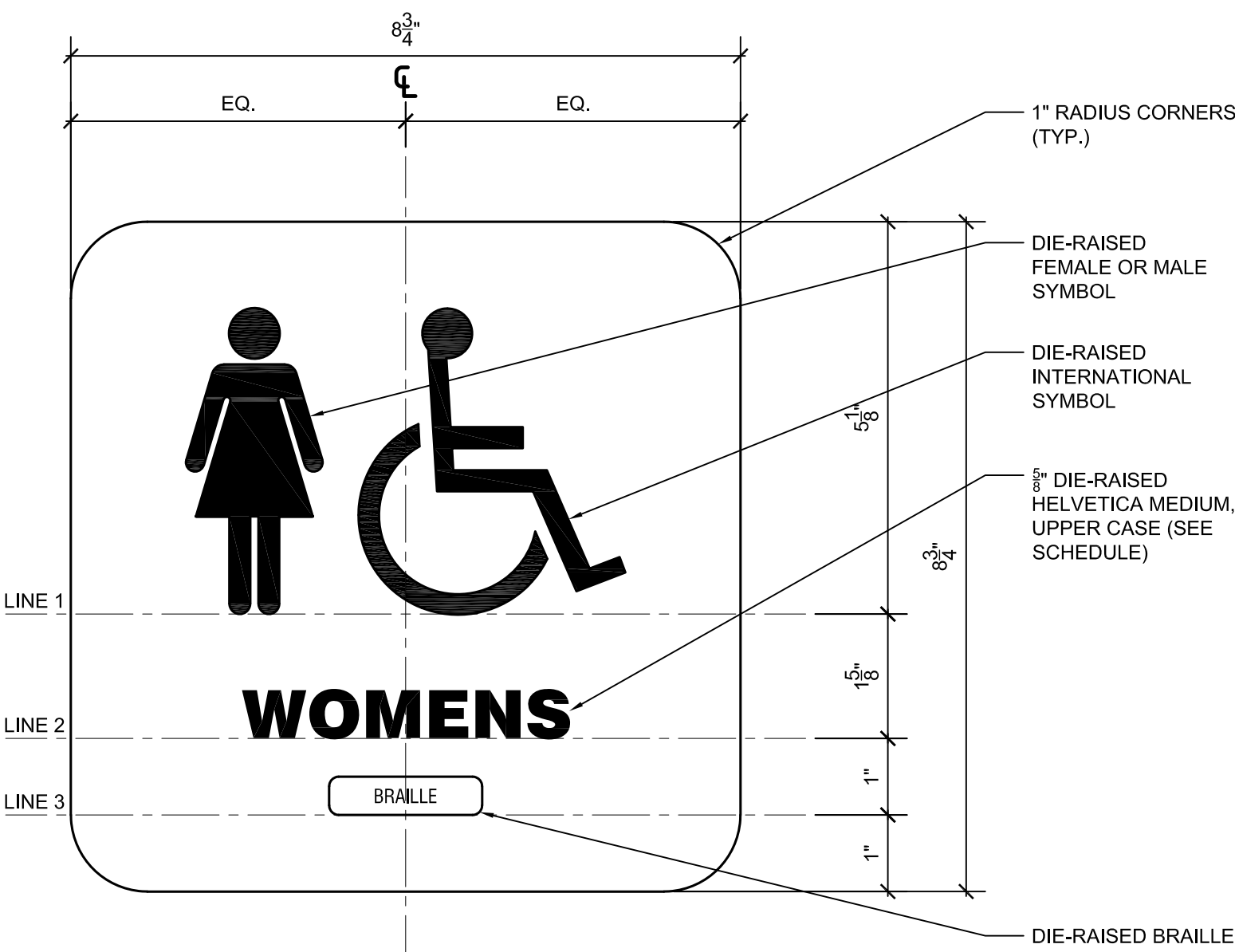
1 SIGN DETAIL
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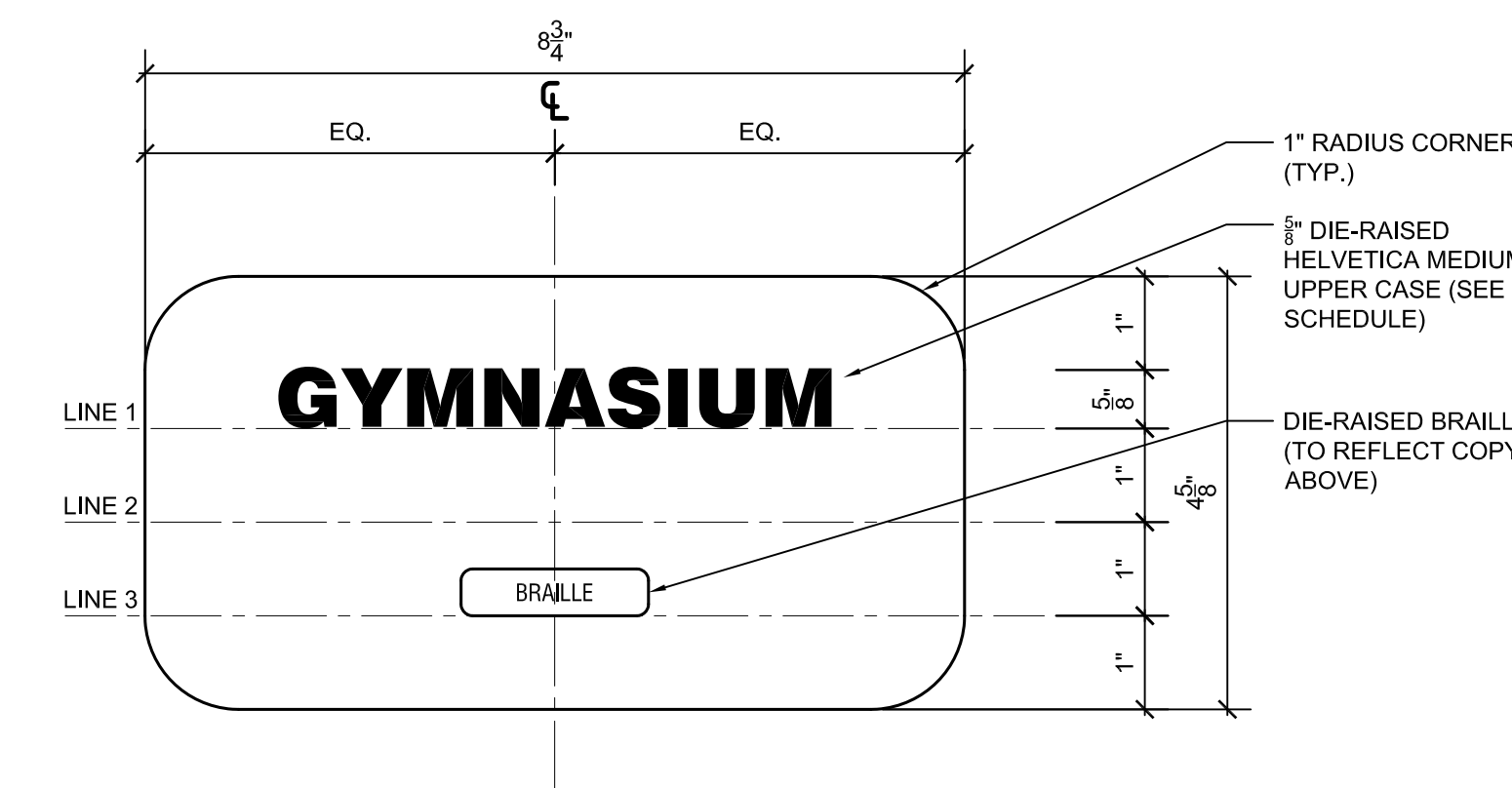
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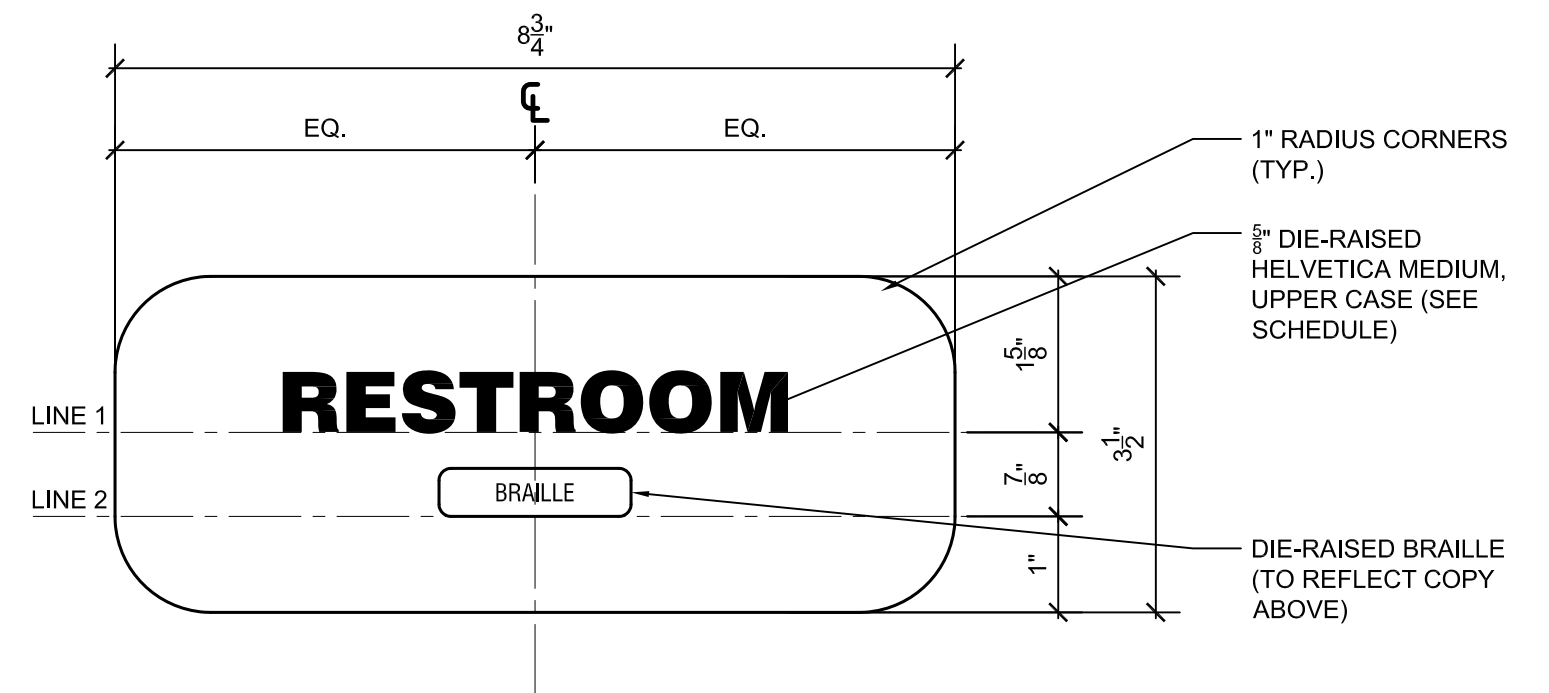
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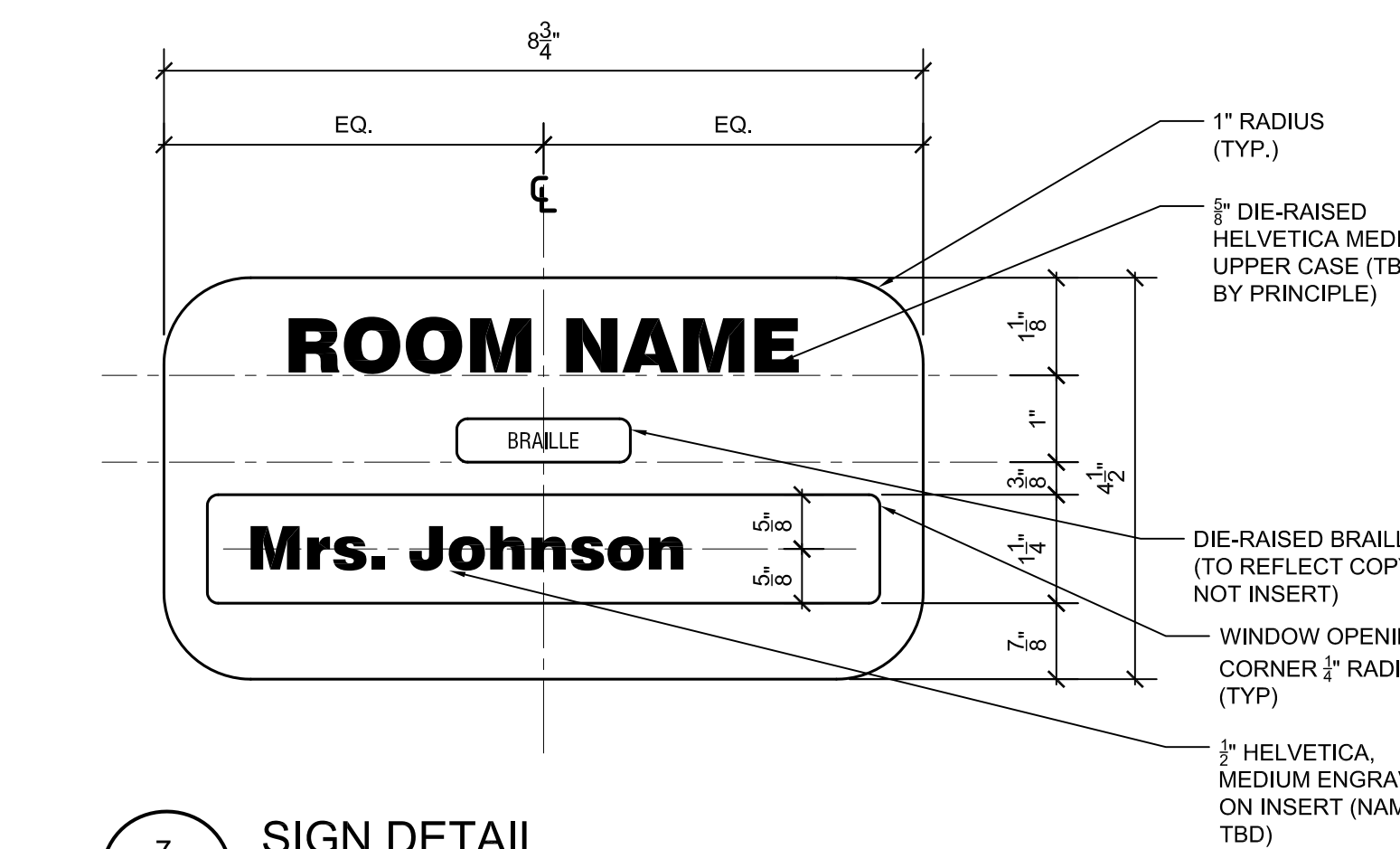
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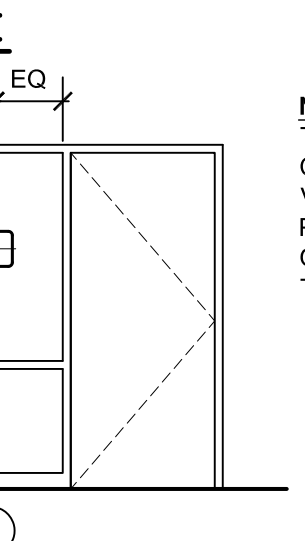
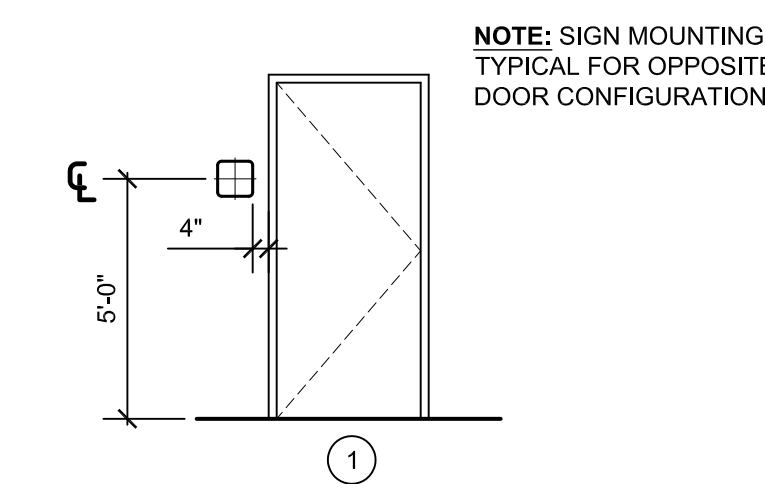
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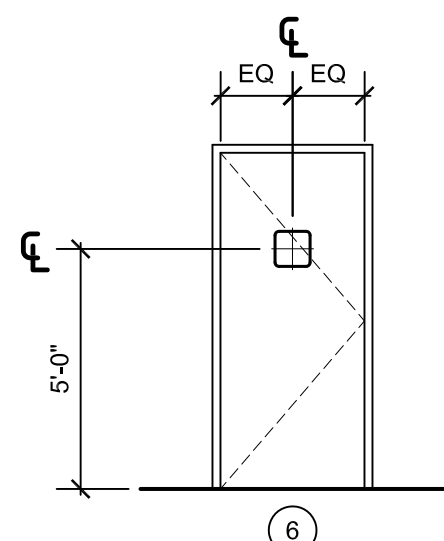
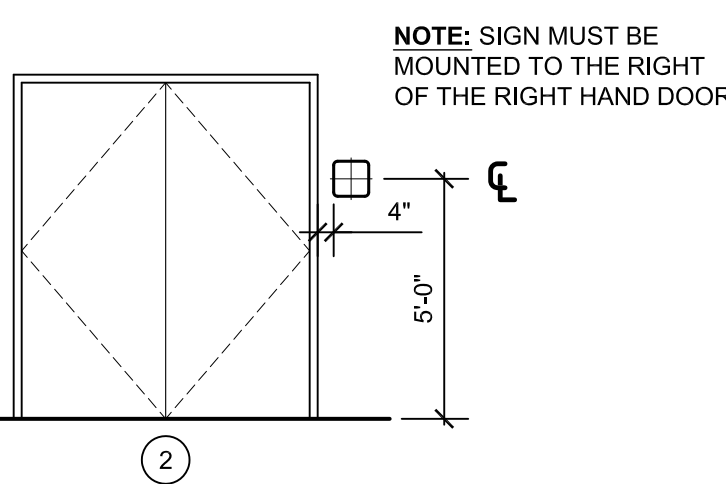
6 SIGN DETAIL
SCALE: 6" = 1'-0"



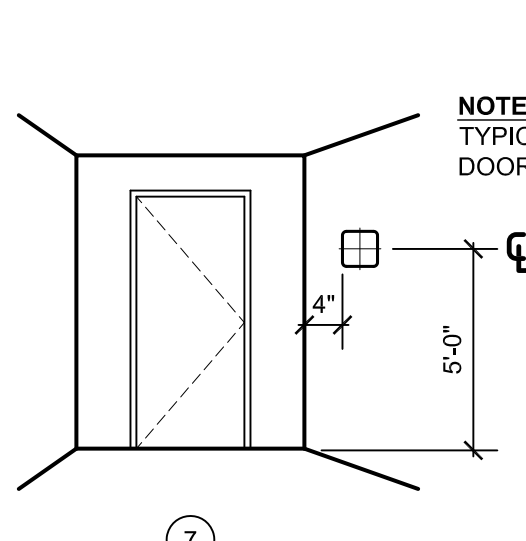
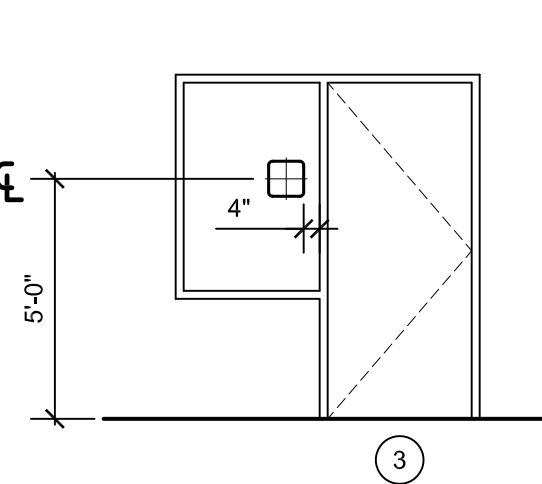
7 SIGN DETAIL
SCALE: 6" = 1'-0"



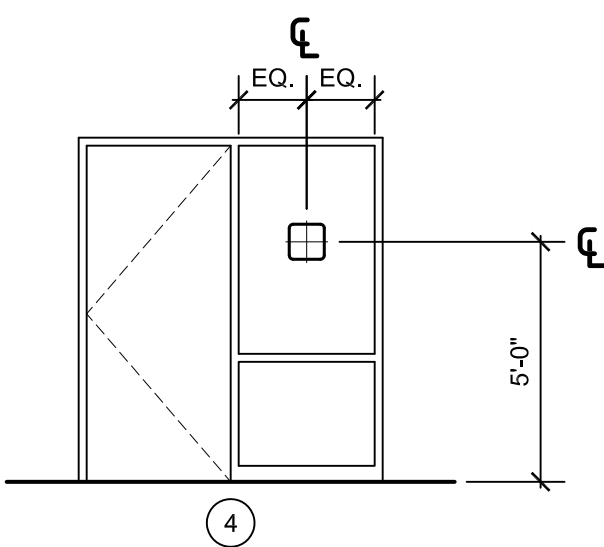
NOTE: SIGN MOUNTING TYPICAL DOOR/ WINDOW CONFIGURATION MAY VARY. PROVIDE SOLID PANEL BACKER PLATE ON OPPOSITE SIDE OF GLASS TO MATCH SIGN COLOR.



NOTE: SIGN MOUNTING TYPICAL DOOR/ WINDOW CONFIGURATION MAY VARY. PROVIDE SOLID PANEL BACKER PLATE ON OPPOSITE SIDE OF GLASS TO MATCH SIGN COLOR.



NOTE: SIGN MOUNTING TYPICAL DOOR/ WINDOW CONFIGURATION MAY VARY. PROVIDE SOLID PANEL BACKER PLATE ON OPPOSITE SIDE OF GLASS TO MATCH SIGN COLOR.



NOTE: SIGN MOUNTING TYPICAL FOR OPPOSITE DOOR CONFIGURATION. LIGHT CONFIGURATION MAY VARY. SIGN TO BE MOUNTED ON GLASS WITHIN FRAME AS CLOSE TO, BUT NOT TO EXCEED, 60" A.F.F. TO CENTER OF SIGN. PROVIDE SOLID PANEL BACKER PLATE ON OPPOSITE SIDE OF GLASS TO MATCH SIGN COLOR.

MOUNTING DETAILS
SCALE: 1/4" = 1'-0"

SIGNAGE SCHEDULE

QTY	PLAN NO.	OWNER NO.	TYPE	MOUNTING	TEXT	QTY	PLAN NO.	OWNER NO.	TYPE	MOUNTING	TEXT
FIRST FLOOR						FIRST FLOOR					
-	-	-	-	-	-	1	A100	-	6	-	LINE 1: BOILER
-	-	-	-	-	-	-	-	-	-	-	LINE 2: ROOM
1	B127	2	1	-	LINE 1: 2	2	A101	-	6	-	LINE 1: KITCHEN
1	B128	-	6	-	LINE 1: BOYS	1	A102	-	6	-	LINE 1: CUSTODIAL
-	-	-	-	-	LINE 2: RESTROOM	1	A103	-	6	-	LINE 1: STORAGE
1	B129	-	6	-	LINE 1: CUSTODIAL	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	B130	-	5	-	LINE 1: GIRLS	1	A105	25	1	-	LINE 1: 25
-	-	-	-	-	LINE 2: RESTROOM	1	A106	-	6	-	LINE 1: RESTROOM
1	B131	1	1	-	-	1	A107	-	6	-	LINE 1: RESTROOM
-	-	-	-	-	-	-	A108	-	-	-	-
-	-	-	-	-	-	1	A109	24	1	-	LINE 1: 24
-	-	-	-	-	-	-	-	-	-	-	-
2	B135	-	5	-	LINE 1: MAIN	1	A111	16	1	-	LINE 1: 16
-	-	-	-	-	LINE 2: OFFICE	-	-	-	-	-	LINE 2: OFFICE
1	B136	-	6	-	LINE 1: CONFERENCE	1	A112	17	1	-	LINE 1: 17
1	B137	-	7	-	LINE 1: PRINCIPAL	1	A113	-	5	-	LINE 1: KILN
1	B138	-	2	-	-	-	-	-	-	-	LINE 2: ROOM
1	B139	-	6	-	LINE 1: CONFERENCE	1	A114	23	1	-	LINE 1: 23
-	-	-	-	-	-	-	-	-	-	-	-
1	B140	-	6	-	LINE 1: STORAGE	1	A115	-	6	-	LINE 1: RESTROOM
-	-	-	-	-	-	1	A116	-	6	-	LINE 1: RESTROOM
1	B142	-	5	-	LINE 1: PTA	-	-	-	-	-	-
-	-	-	-	-	LINE 2: STORAGE	1	A118	-	1	-	LINE 1: 22
1	B143	-	6	-	LINE 1: STORAGE	-	-	-	-	-	-
2	B144	-	6	-	LINE 1: CAFETERIA	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	B145	-	5	-	LINE 1: STAFF	1	A121	-	6	-	LINE 1: RESTROOM
-	-	-	-	-	LINE 2: RESTROOM	1	A122	-	6	-	LINE 1: RESTROOM
1	B146	-	5	-	LINE 1: STAFF	1	A123	18	1	-	LINE 1: 18
-	-	-	-	-	LINE 2: RESTROOM	1	A124	19	1	-	LINE 1: 19
-	B147	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	A126	21	1	-	LINE 1: 21
1	B149	14	1	-	LINE 1: 14	-	A127	-	6	-	LINE 1: STORAGE
-	-	-	-	-	-	-	A128	-	6	-	LINE 1: RESTROOM
-	-	-	-	-	-	-	A129	-	-	-	-
1	B151	-	6	-	LINE 1: STORAGE	1	A130	20	1	-	LINE 1: 20
1	B152	-	6	-	LINE 1: SURVERY	1	A131	-	6	-	LINE 1: STORAGE
-	-	-	-	-	-	1	A132	-	6	-	LINE 1: RESTROOM
1	B172	12	1	-	LINE 1: 12	-	-	-	-	-	-
1	B176	13	1	-	LINE 1: 13	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	A136	-	6	-	LINE 1: MECHANICAL	-	-	-	-	-	-
1	A137	-	6	-	LINE 1: GYMNASIUM	-	-	-	-	-	-
-	A138	-	5	-	LINE 1: PERFORMANCE	-	-	-	-	-	-
-	A139	-	6	-	LINE 2: PLATFORM	-	-	-	-	-	-
-	-	-	-	-	LINE 1: STORAGE	-	-	-	-	-	-
1	A140	-	2	-	-	-	-	-	-	-	-
1	A141	-	2	-	-	-	-	-	-	-	-
1	A142	-	6	-	LINE 1: CUSTODIAL	-	-	-	-	-	-
1	A143	-	6	-	LINE 1: OFFICE	-	-	-	-	-	-
-	A144	-	-	-	-	-	-	-	-	-	-
1	A145	-	5	-	LINE 1: COMPUTER	-	-	-	-	-	-
1	A146	-	5	-	LINE 1: MEDIA	-	-	-	-	-	-
1	A147	-	5	-	LINE 1: MDF	-	-	-	-	-	-
1	A148	-	6	-	LINE 1: CONFERENCE	-	-	-	-	-	-
1	A149	-	6	-	LINE 1: OFFICE	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	A151	-	6	-	LINE 1: RESTROOM	-	-	-	-	-	-
1	A152	-	6	-	LINE 1: RESTROOM	-	-	-	-	-	-
1	A153	-	1	-	LINE 1: 15	-	-	-	-	-	-
1	A154	-	6	-	LINE 1: OFFICE	-	-	-	-	-	-
-	-	-	-	-	LINE 1: CUSTODIAL	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	B102	-	5	-	LINE 1: WORK	-	-	-	-	-	-
1	B103	8	1	-	LINE 2: ROOM	-	-	-	-	-	-
-	-	-	-	-	LINE 1: 8	-	-	-	-	-	-
-	-	-	-	-	LINE 2: OFFICE	-	-	-	-	-	-
1	B106	7	1	-	LINE 1: 7	-	-	-	-	-	-
1	B108	9	1	-	LINE 1: 9	-	-	-	-	-	-
1	B110	6	1	-	LINE 1: 7	-	-	-	-	-	-
1	B112	10	1	-	LINE 1: 9	-	-	-	-	-	-
1	B114	5	1	-	LINE 1: 5	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	B116	11	1	-	LINE 1: 11	-	-	-	-	-	-
1	B118	4	1	-	LINE 1: 4	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	B122	3	1	-	LINE 1: 3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

WA

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FX: 586.573.0822
www.WakelyAIA.com

FARMINGTON PUBLIC SCHOOLS - 2015 BOND

2018 PROJECTS

KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

BEECHVIEW ELEMENTARY
SCHOOL

SIGNAGE SCHEDULE AND
DETAILS

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: _NUL_
CHECKED BY: _BJS_

REVISIONS
ADD. No. 01 1/3/17

DATE: December 12, 2017
SHEET NO.

A8.2BV

JOB NO. 171712A



WA

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FARMINGTON PUBLIC SCHOOLS - 2015 BOND
2018 PROJECTS
KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

BEECHVIEW ELEMENTARY
SCHOOL

ARCHITECTURAL SITE PLAN

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DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>

DRAWN BY NJL
CHECKED BY BJS

REVISIONS	
ADD No. 1	1/3/18

DATE: December 12, 2017
SHEET NO.

A01.0514

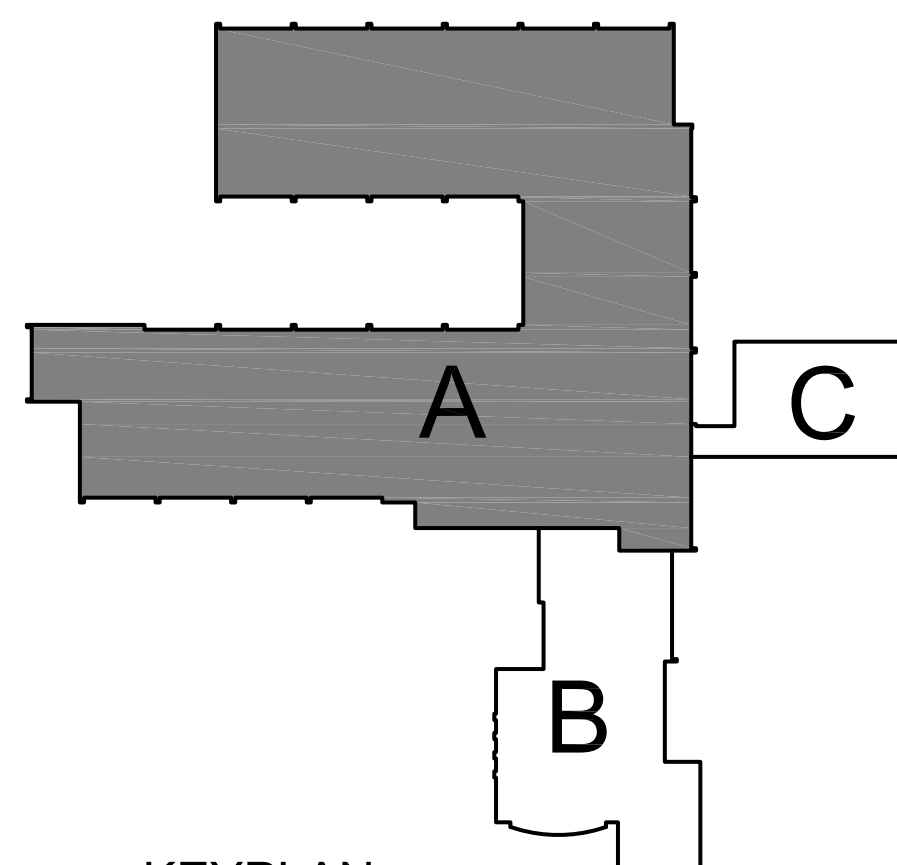
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	JOB NO.
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171712A

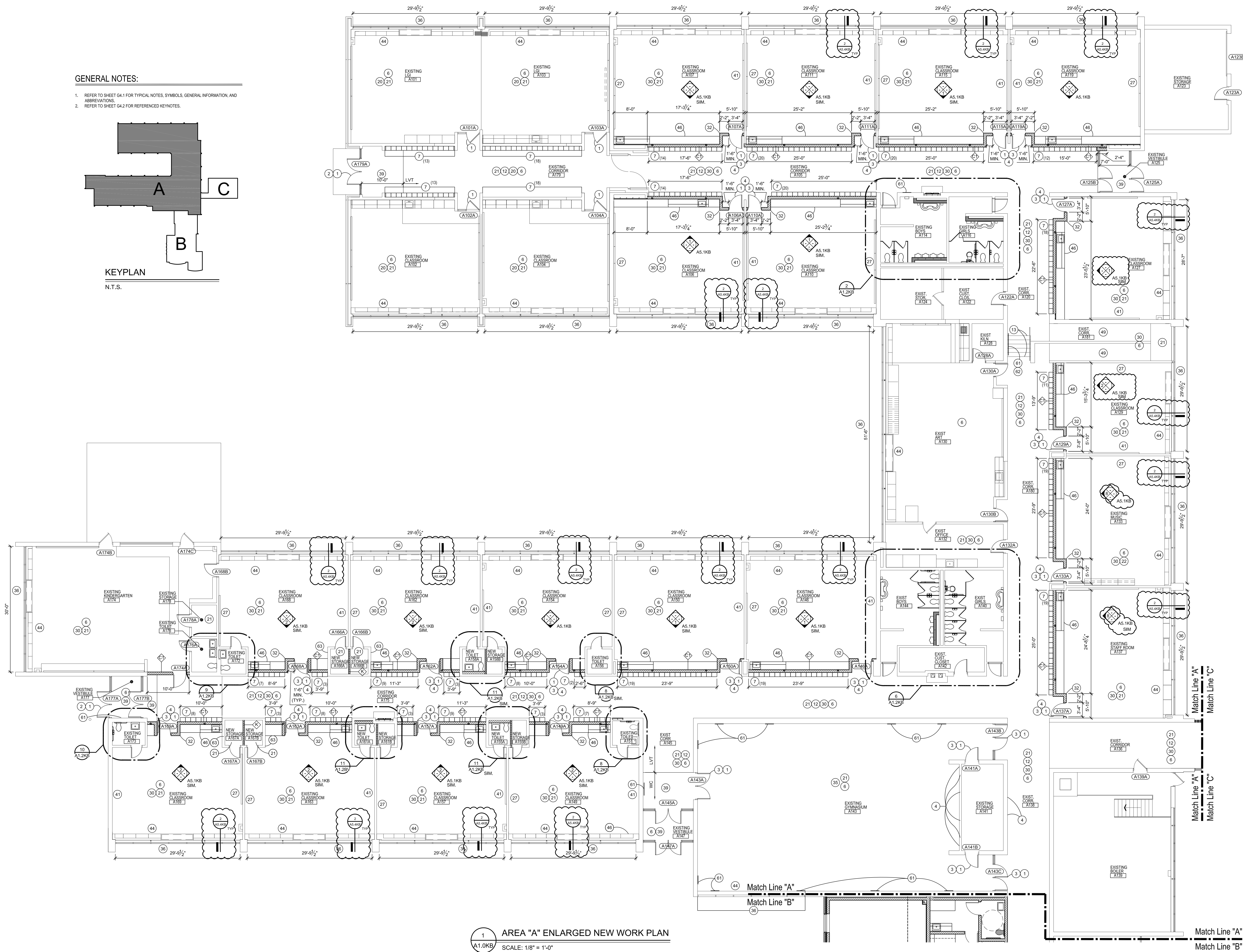
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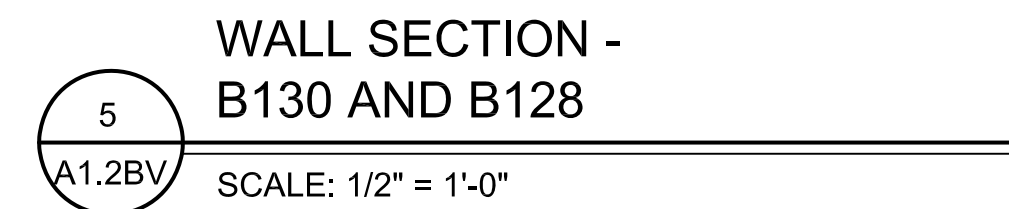
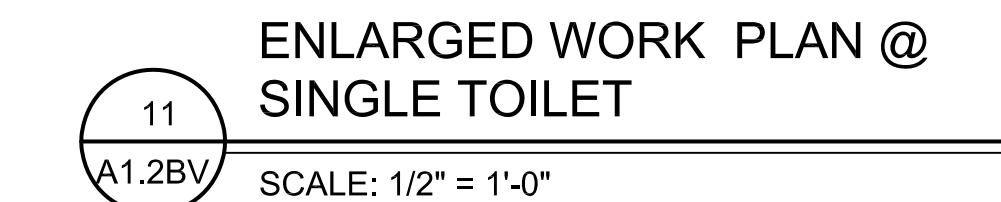
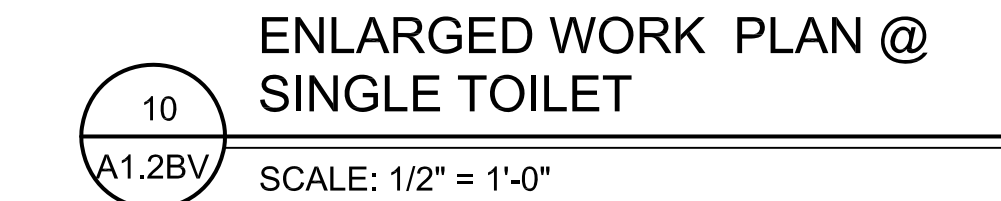
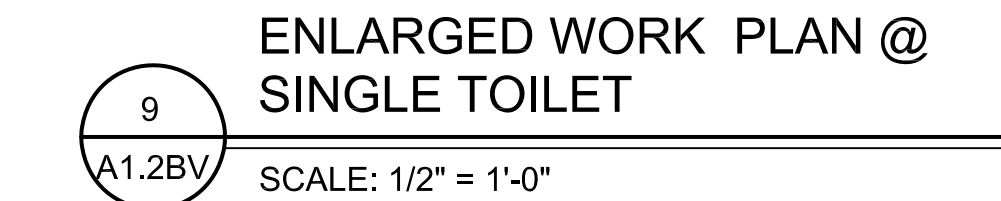
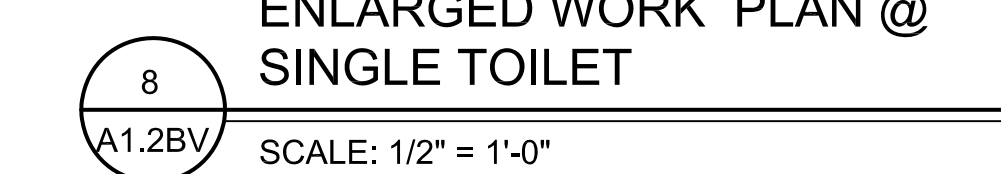
1. REFER TO SHEET G4.1 FOR TYPICAL NOTES, SYMBOLS, GENERAL INFORMATION, AND ABBREVIATIONS.
2. REFER TO SHEET G4.2 FOR REFERENCED KEYNOTES.



KEYPLAN

N.T.S.





- ENLARGED NEW WORK PLAN
@ BATHROOMS A114 & A116
- 2
A1.1KB
- SCALE: 1/4" = 1'-0"

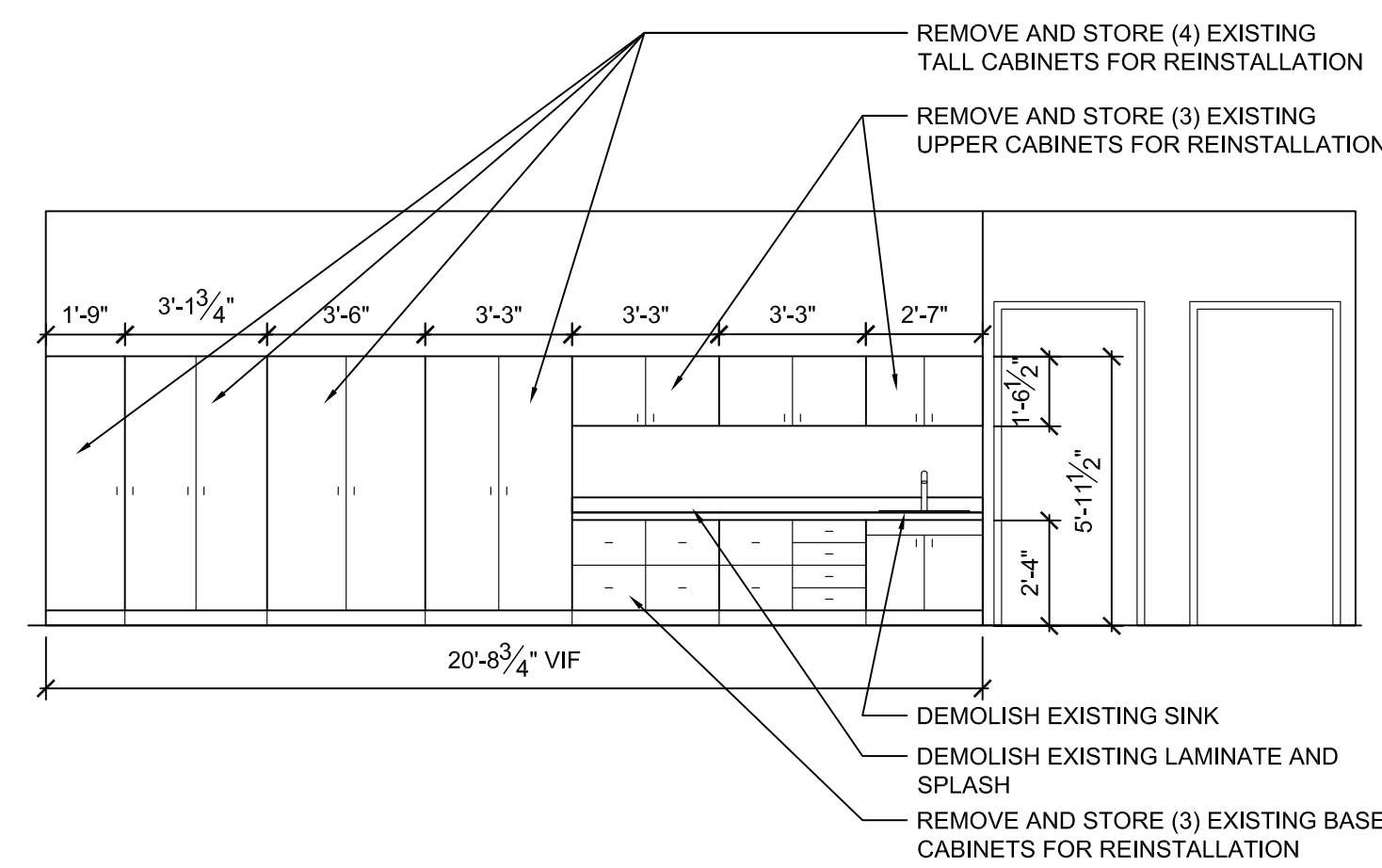
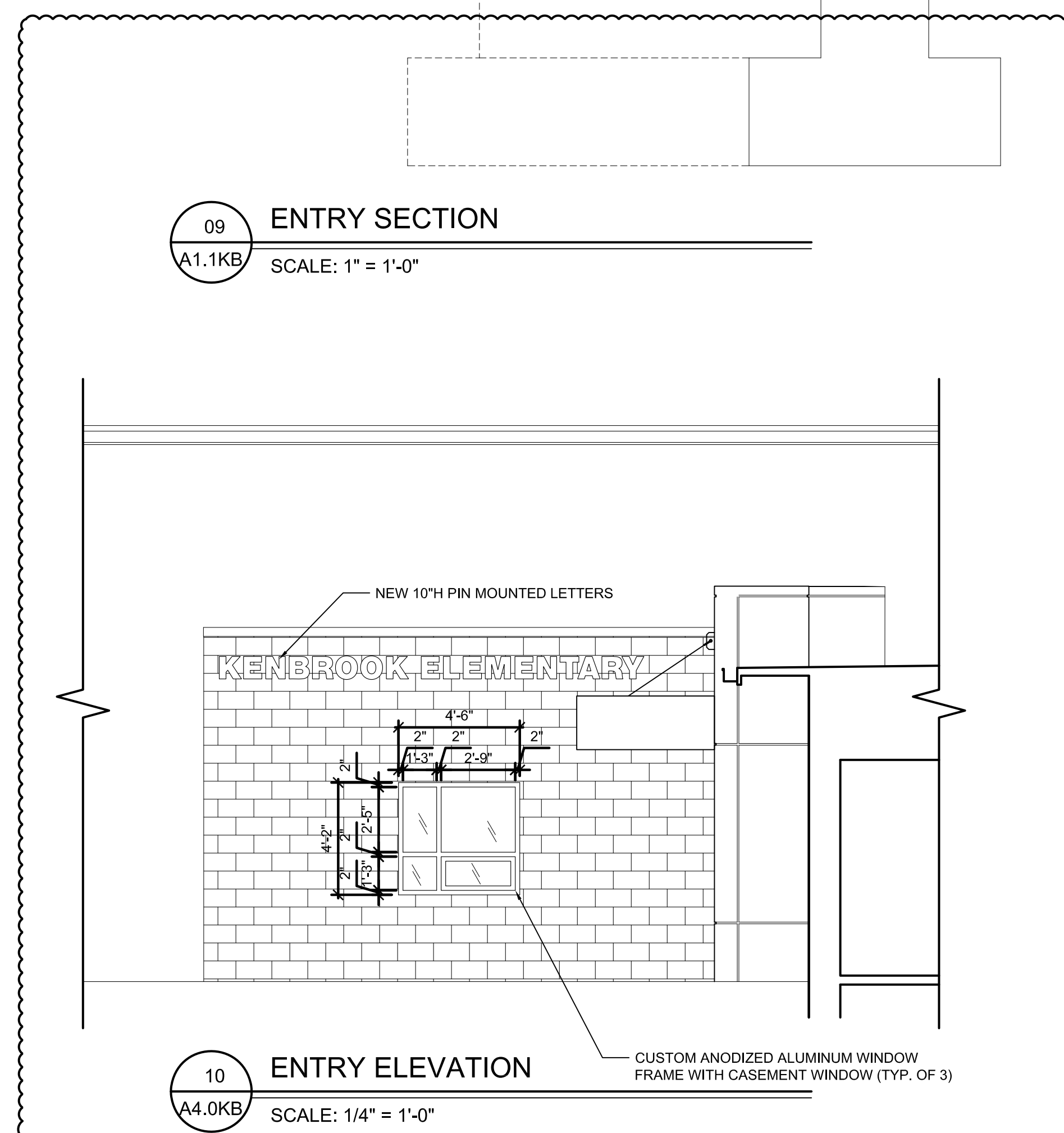
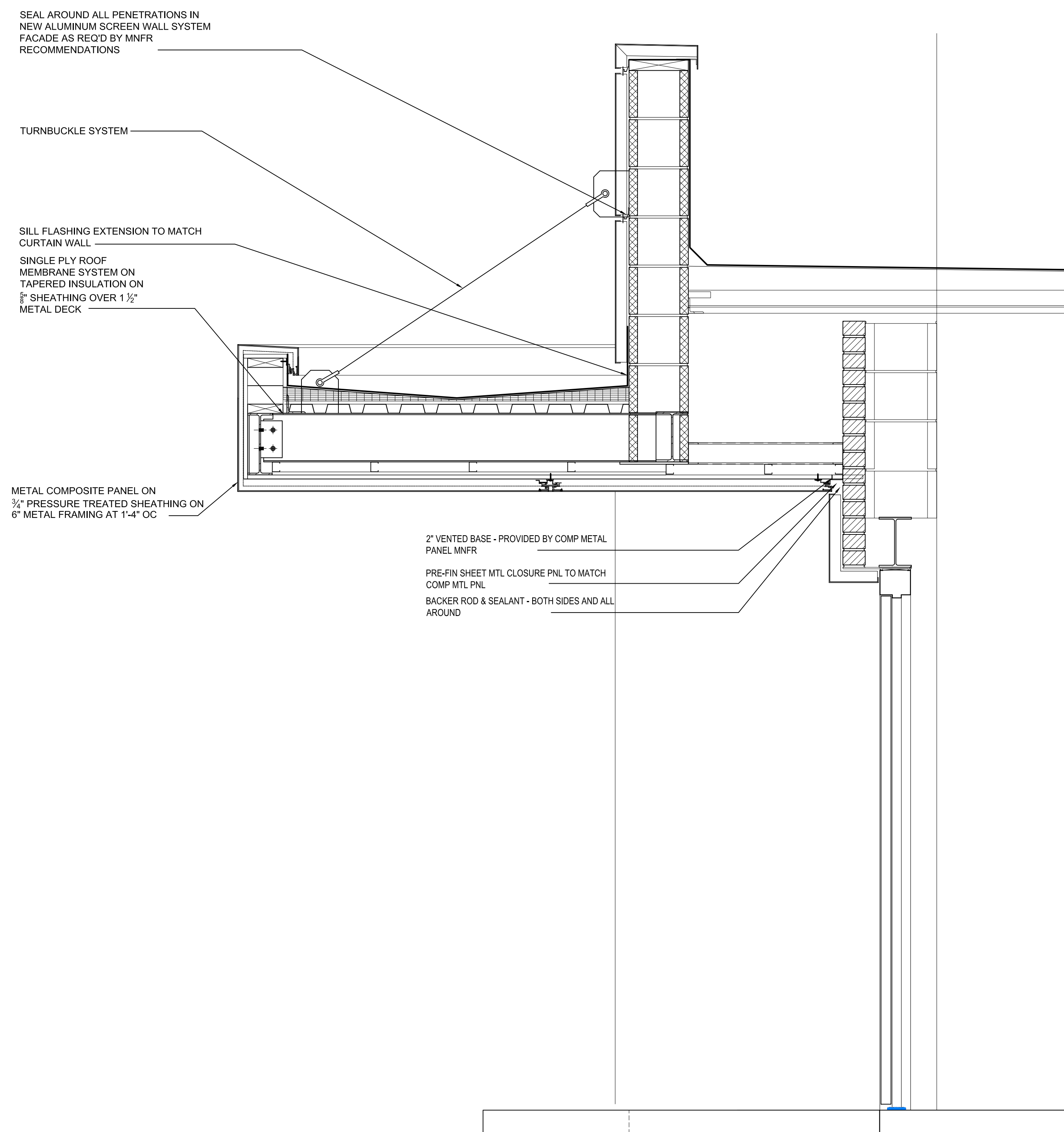


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ARCHITECTS

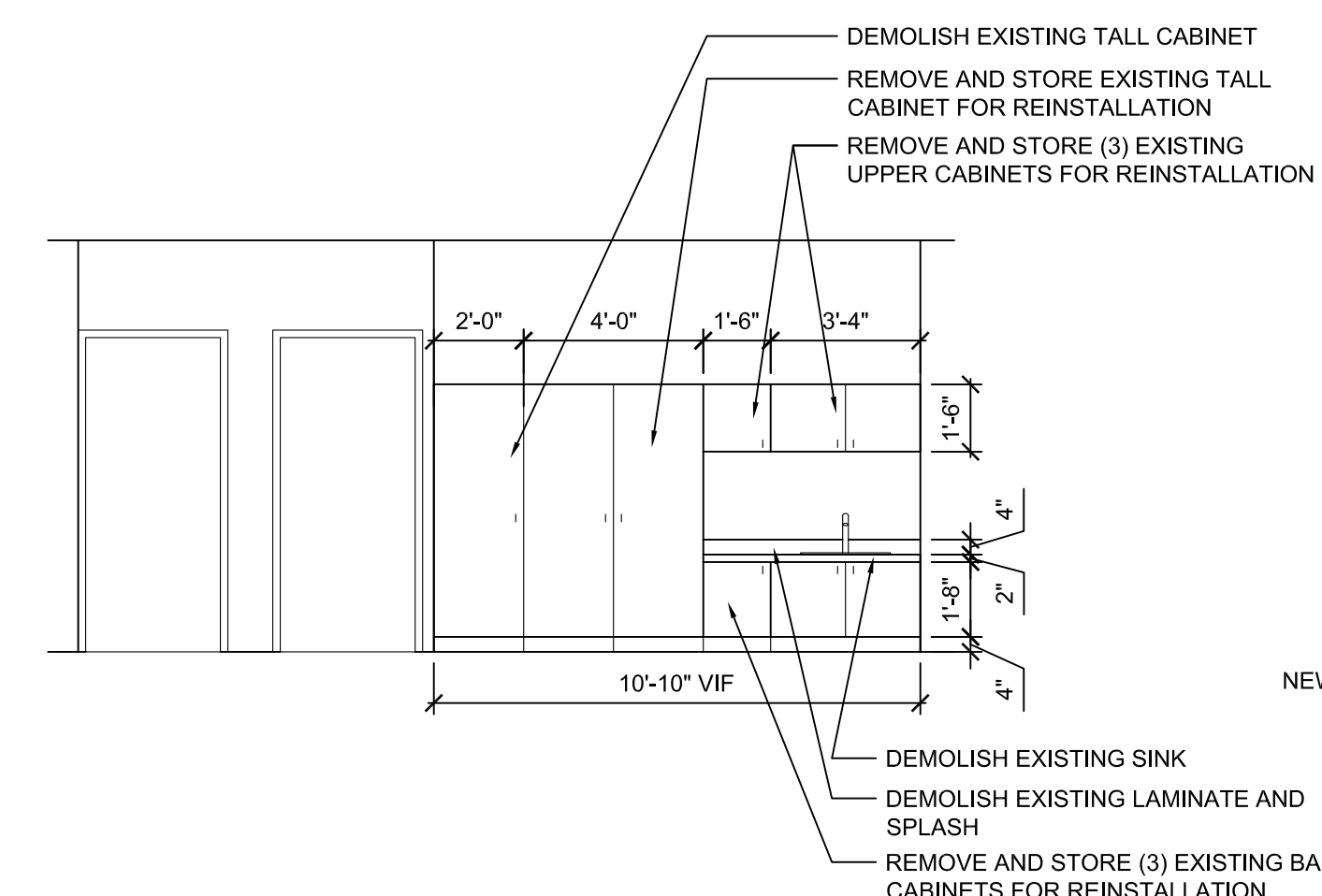
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FARMINGTON PUBLIC SCHOOLS - 2015 BOND
2018 PROJECTS
KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

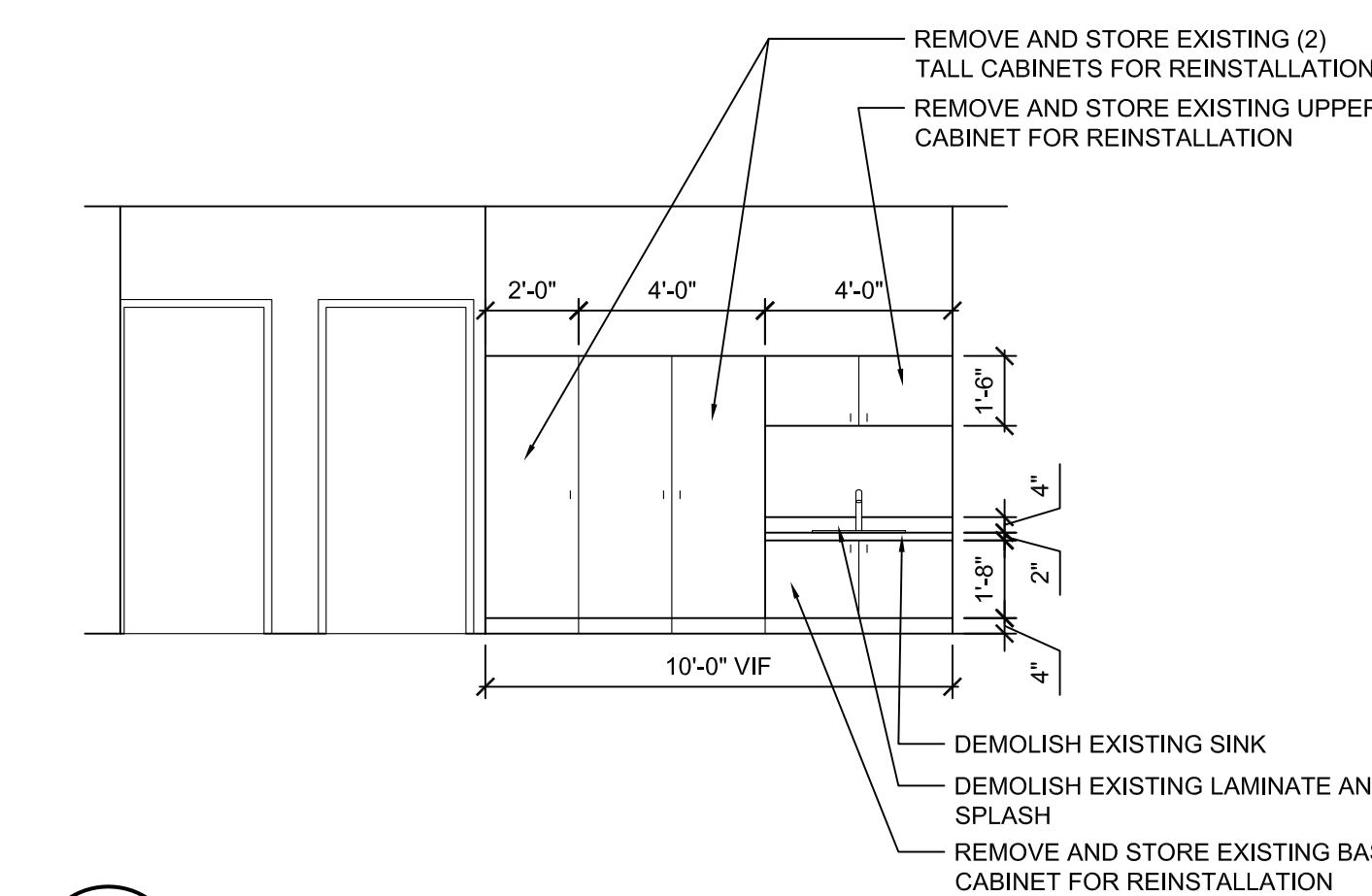
KENDROOK ELEMENTARY SCHOOL	
AREA "B" & "C" ENLARGED NEW WORK PLANS	
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DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>
DRAWN BY: <u>NJL</u>	
CHECKED BY: <u>BJS</u>	
REVISIONS	
ADD NO. 01	1/30/17
DATE: December 12, 2017	
SHEET NO.	
A1.2KB	
JOB NO. 171712A	



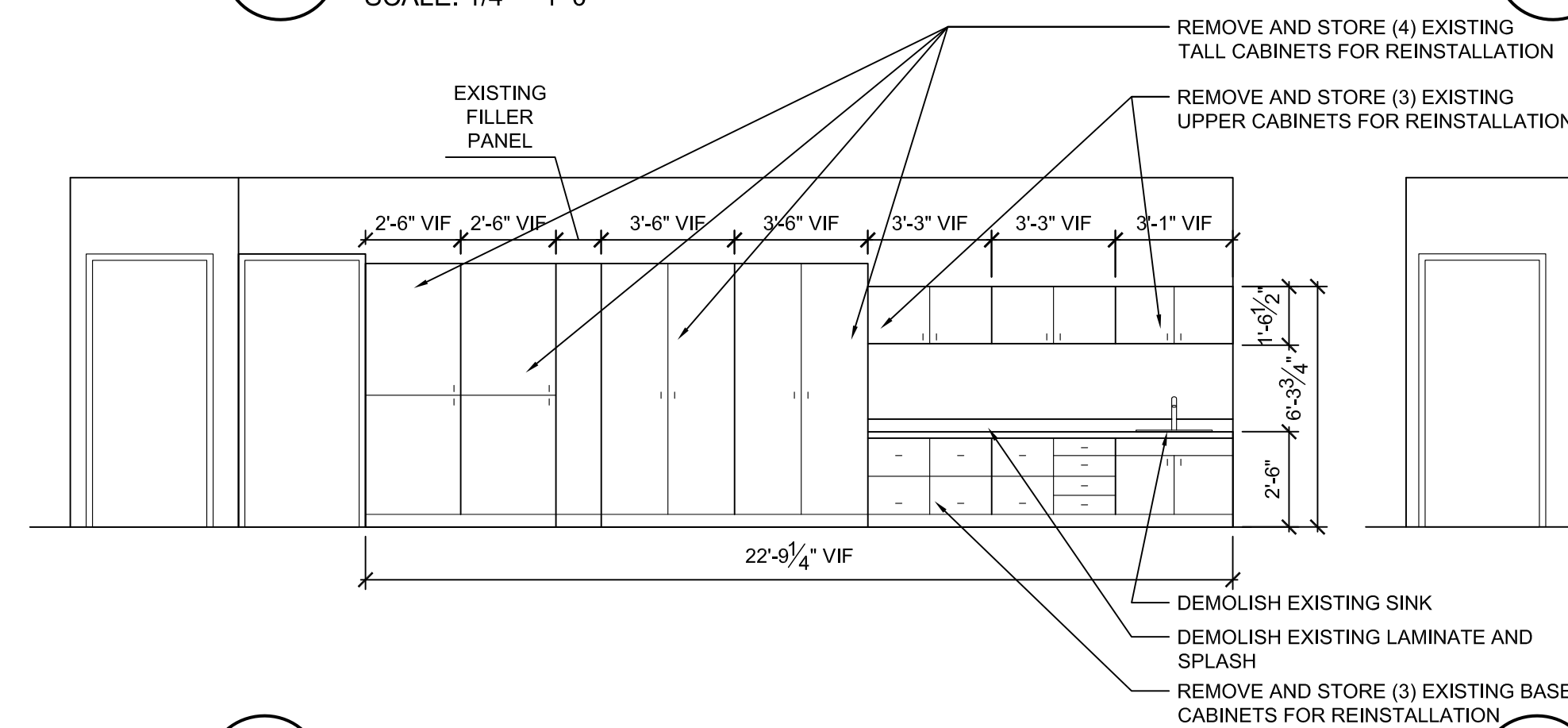
05 EXIST/DEMO INTERIOR ELEVATION - A119
AD1.1KB SCALE: 1/4" = 1'-0"



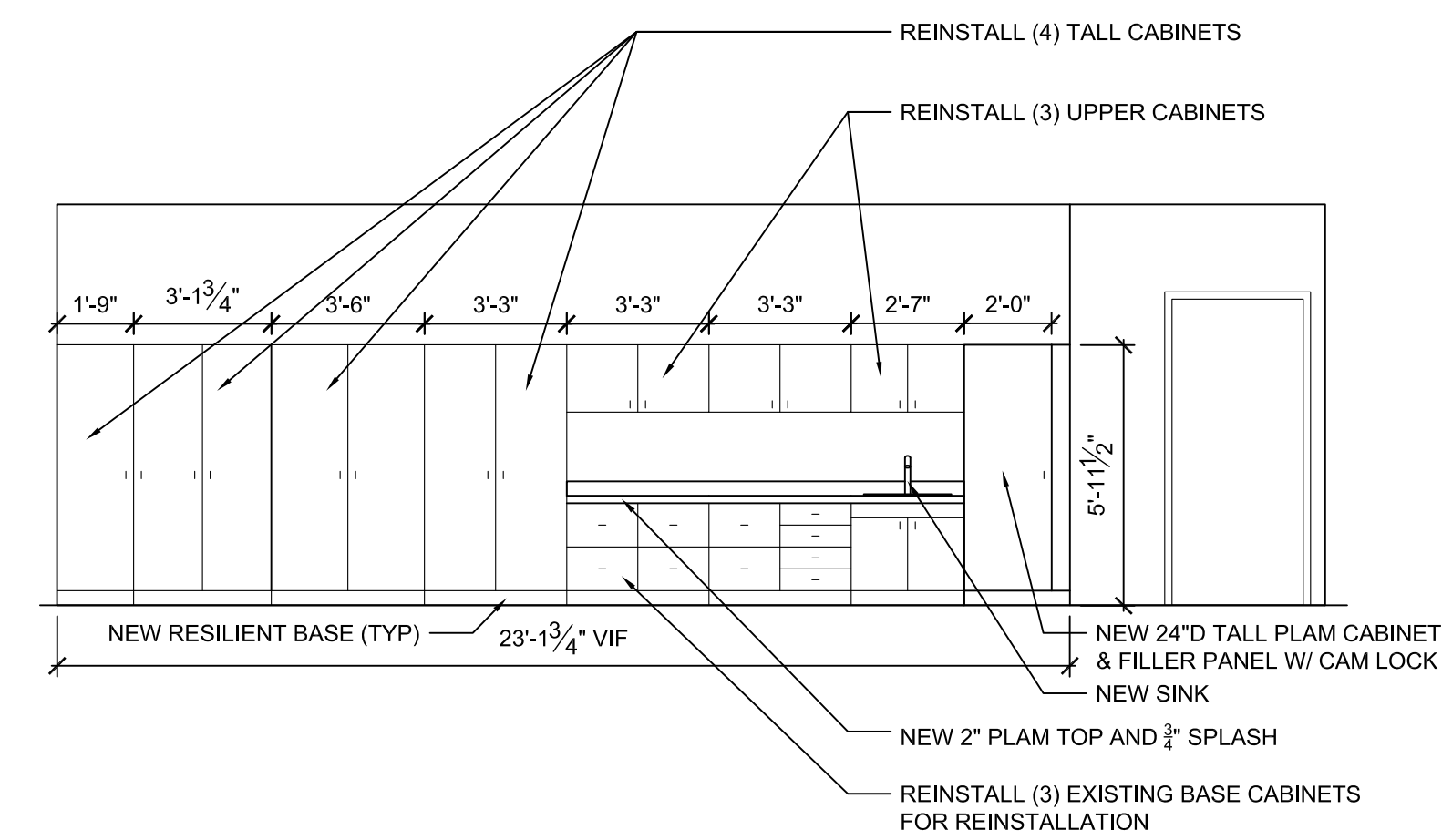
06 EXIST/DEMO INTERIOR ELEVATION - A154
AD1.1KB SCALE: 1/4" = 1'-0"



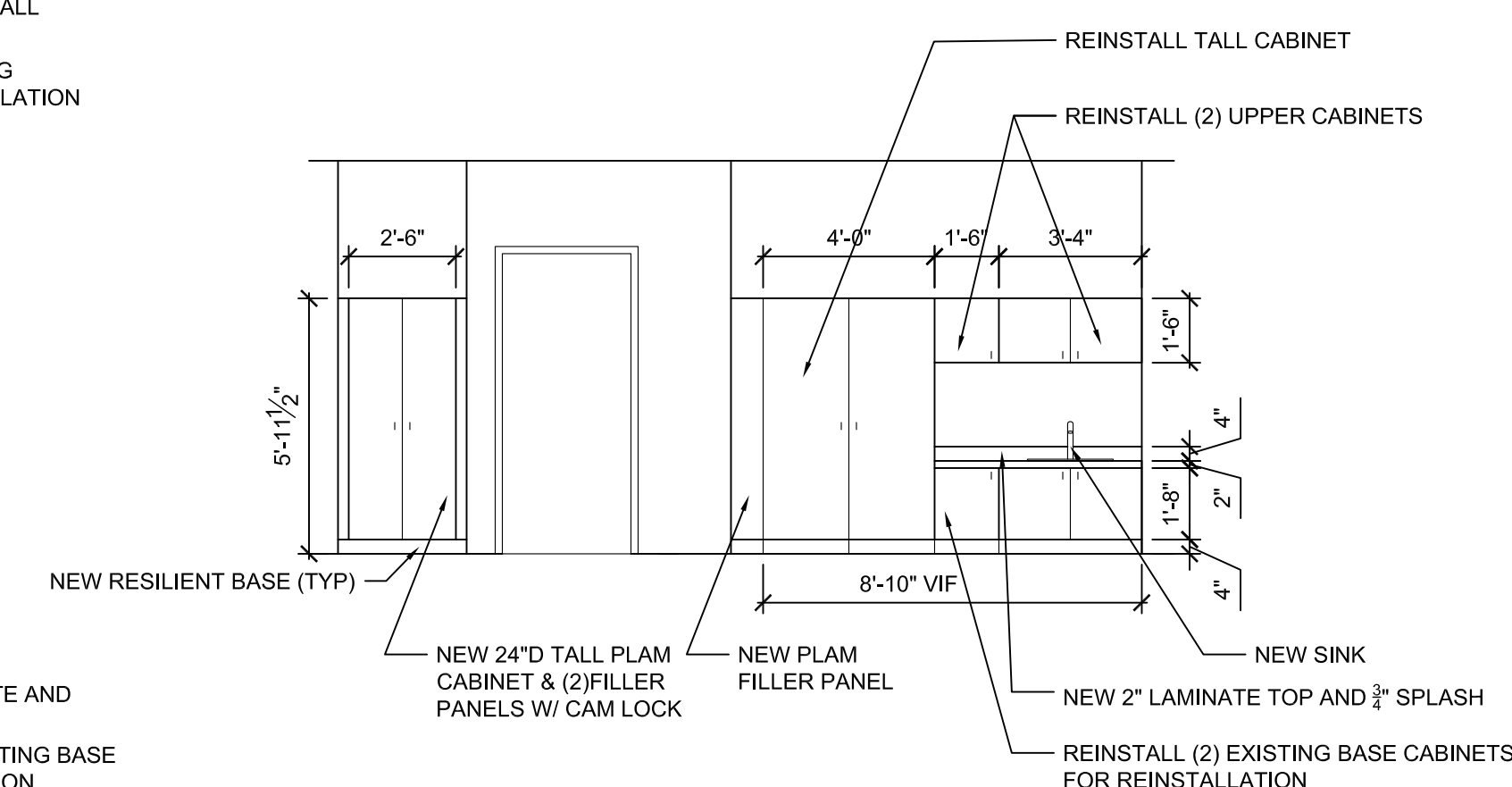
07 EXIST/DEMO INTERIOR ELEVATION - A169
AD1.1KB SCALE: 1/4" = 1'-0"



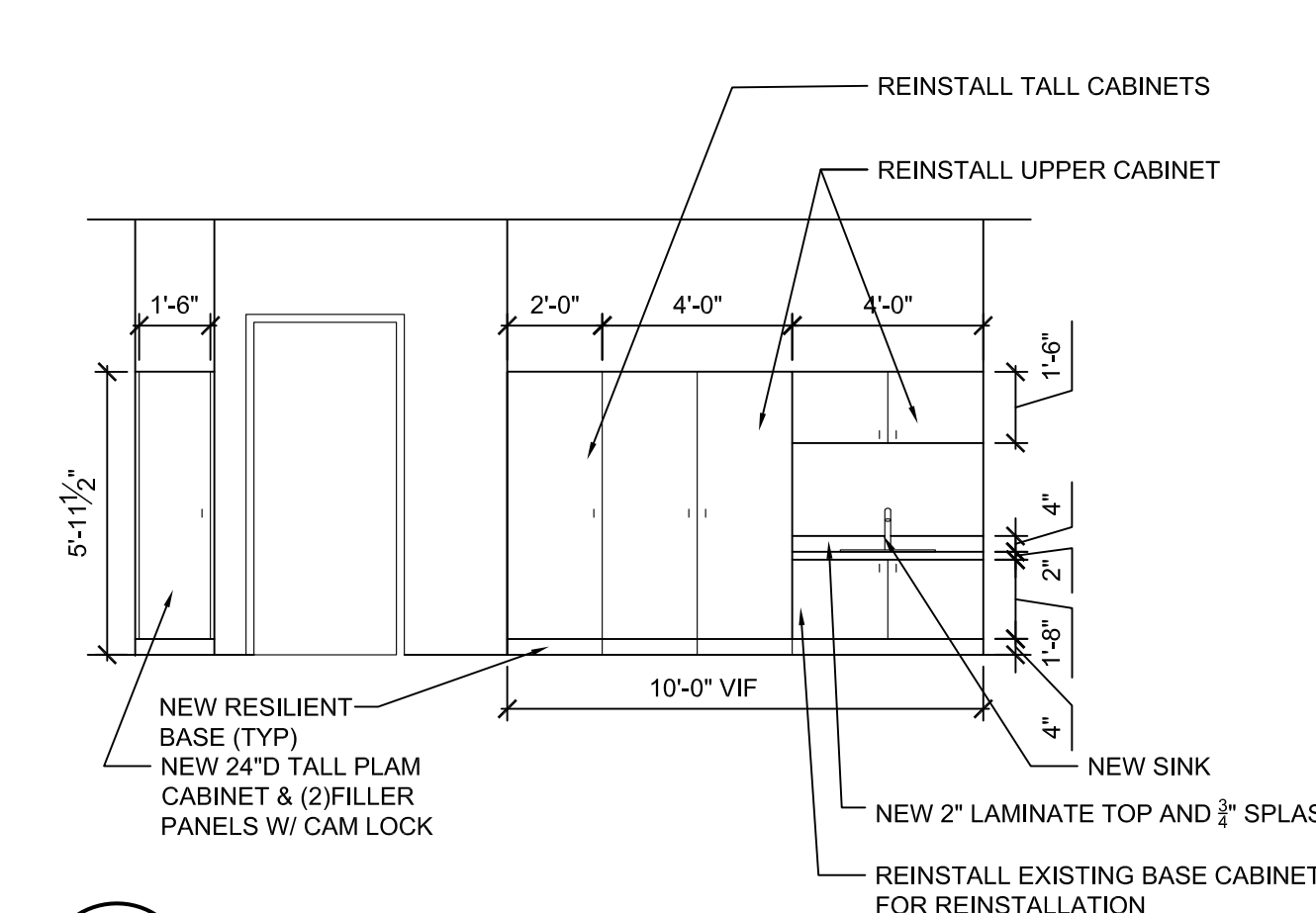
08 EXISTING INTERIOR ELEVATION - A137
AD1.1KB SCALE: 1/4" = 1'-0"



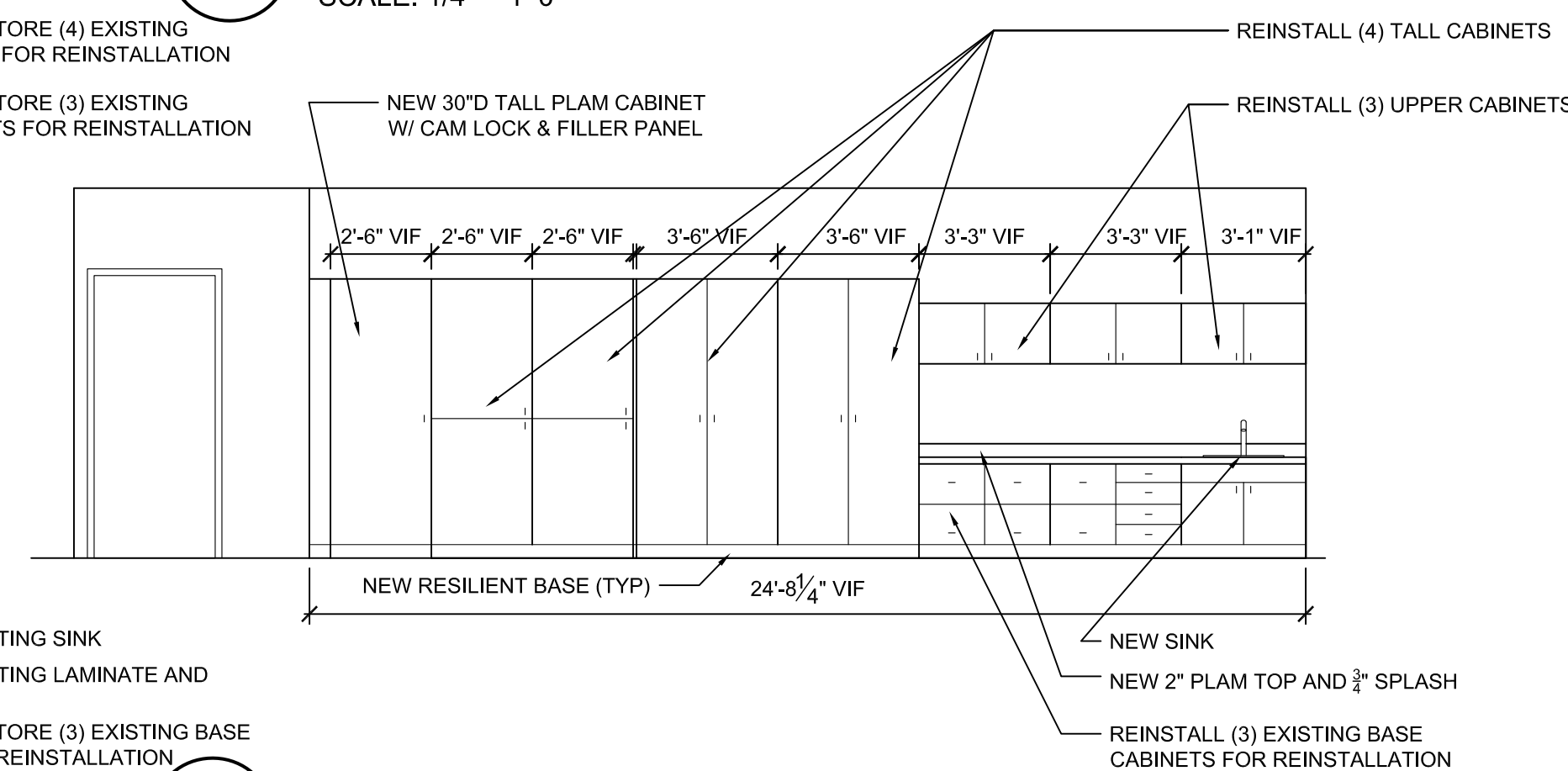
01 NEW INTERIOR ELEVATION - A119
A1.1KB SCALE: 1/4" = 1'-0"



02 NEW INTERIOR ELEVATION - A154
A1.1KB SCALE: 1/4" = 1'-0"



03 NEW INTERIOR ELEVATION - A169
A1.1KB SCALE: 1/4" = 1'-0"



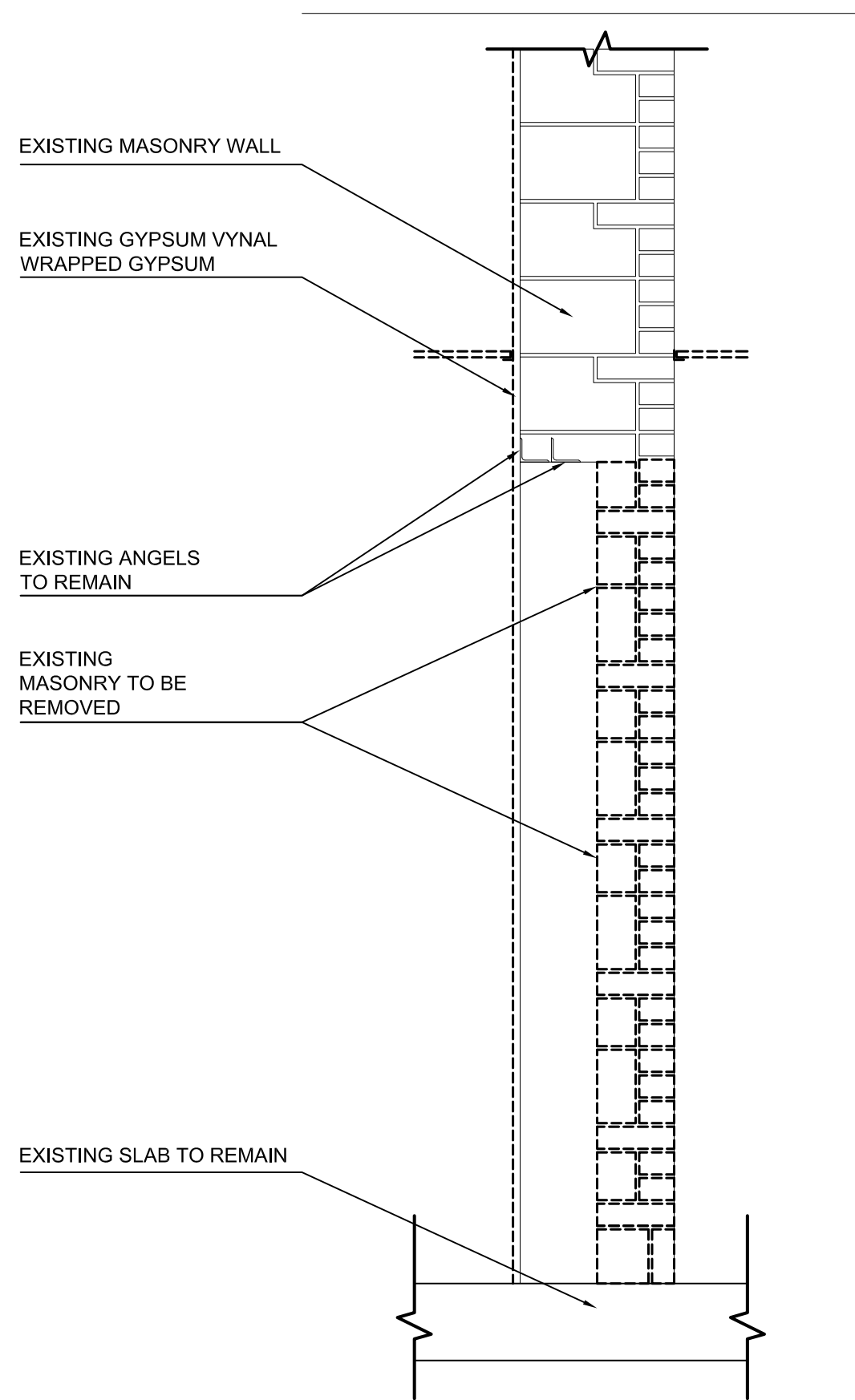
ION

04

A1.1KB

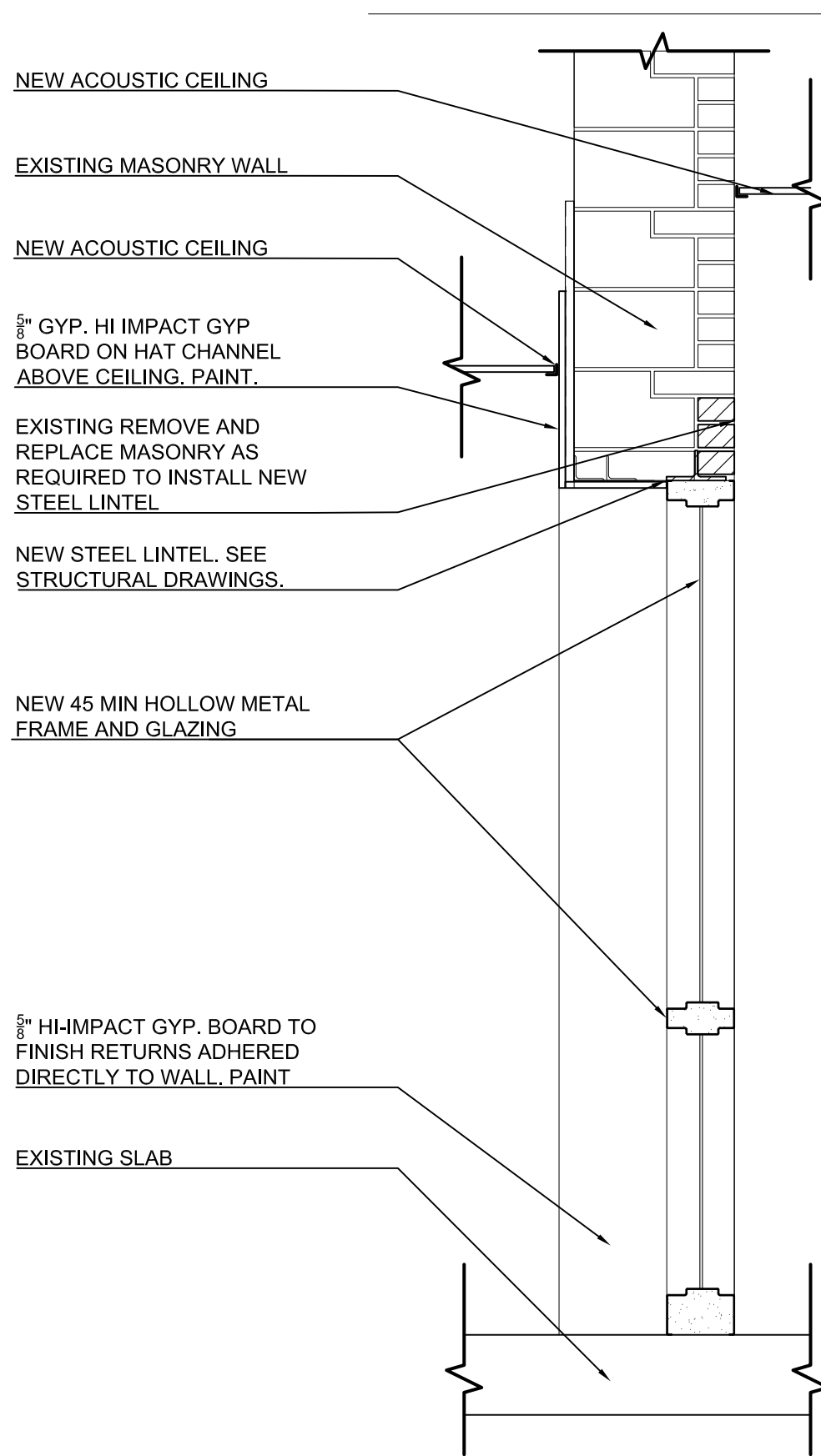
NEW INTERIOR ELEVATION - A137

SCALE: 1/4" = 1'-0"



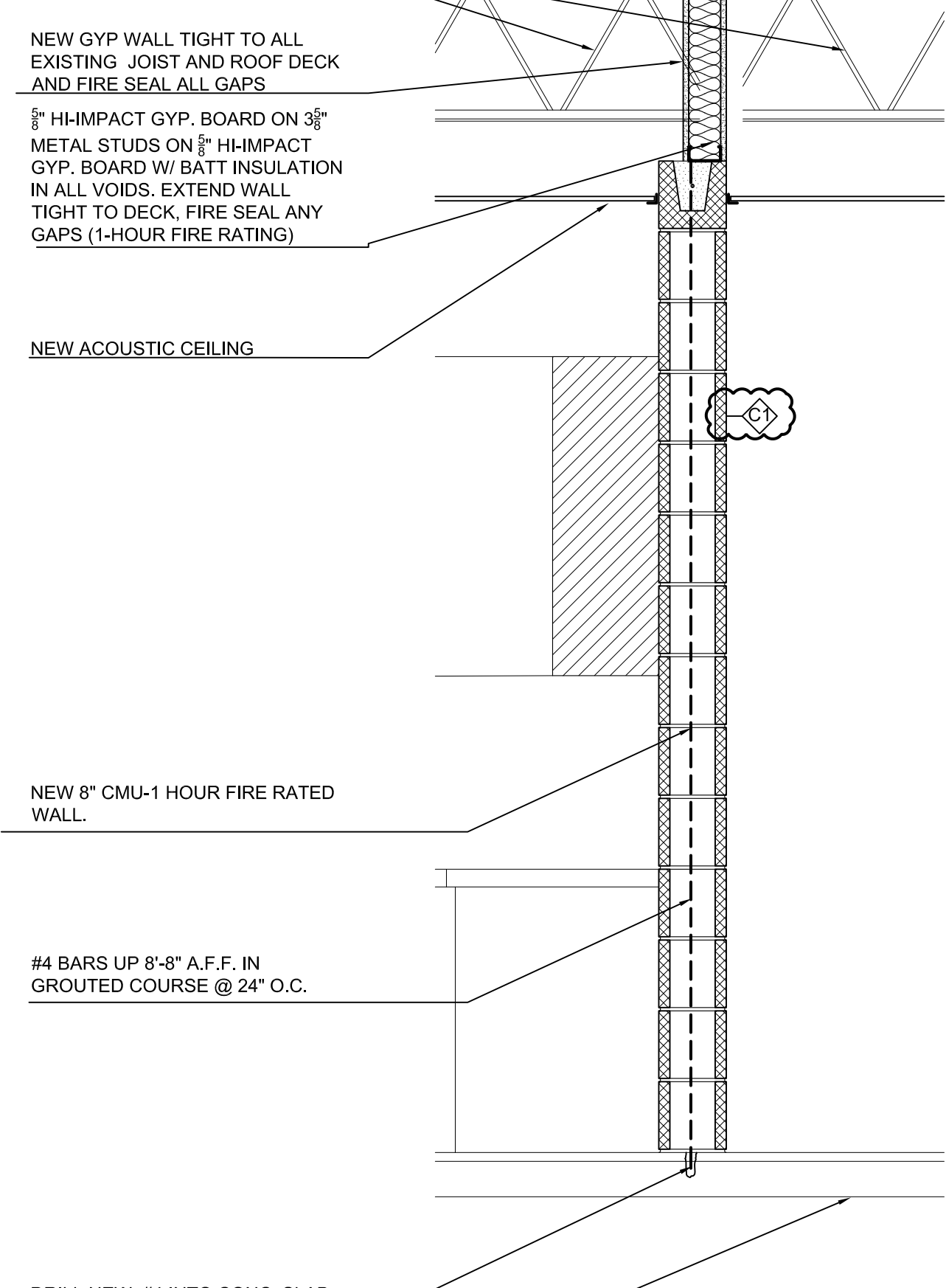
14
A5.3K
DEMO WALL SECTION @
OFFICE CORRIDOR WALLS

SCALE: 3/4" = 1'-0"



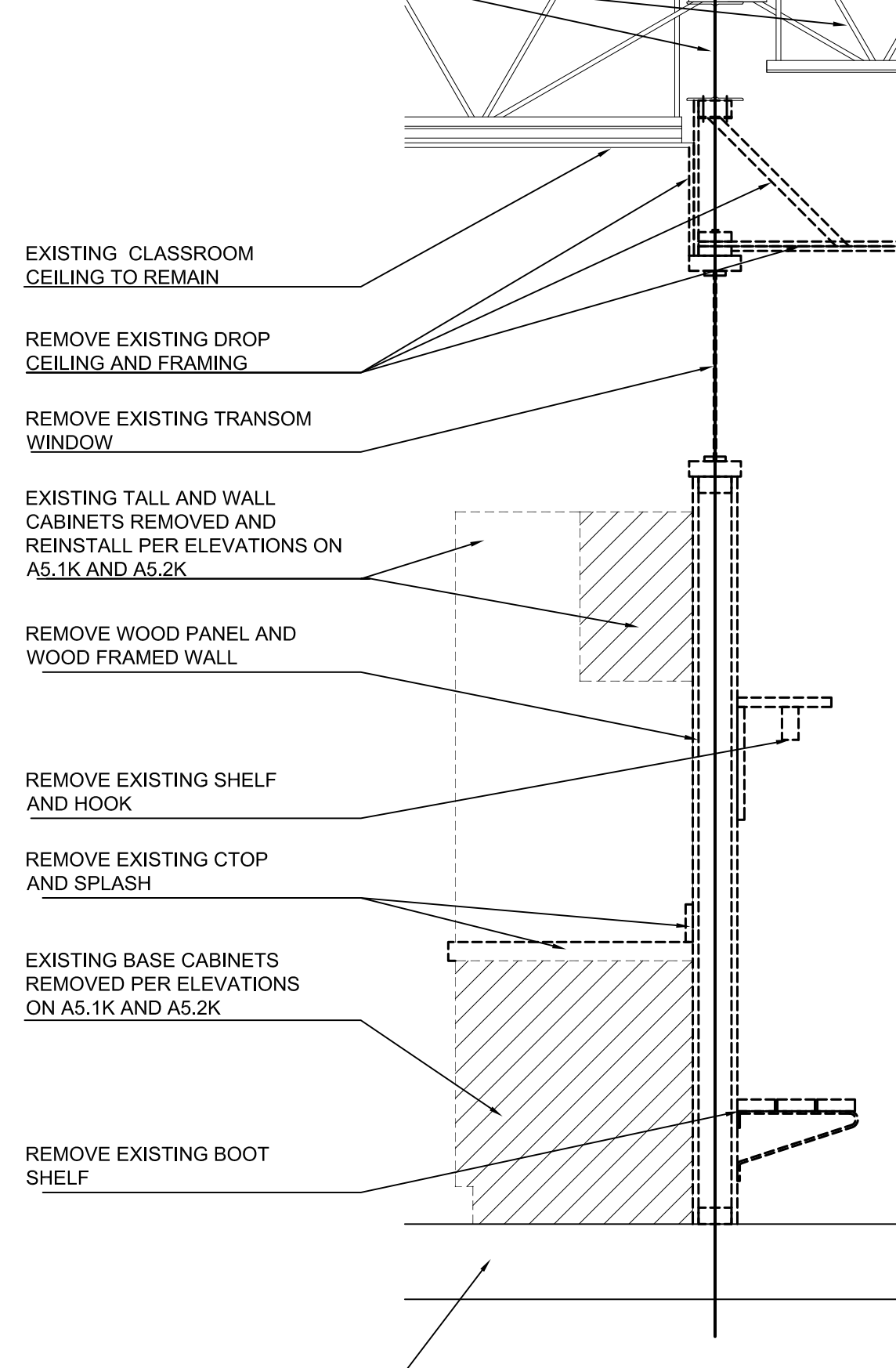
11
A5.3K
NEW WALL SECTION @
OFFICE CORRIDOR WALLS

SCALE: 3/4" = 1'-0"



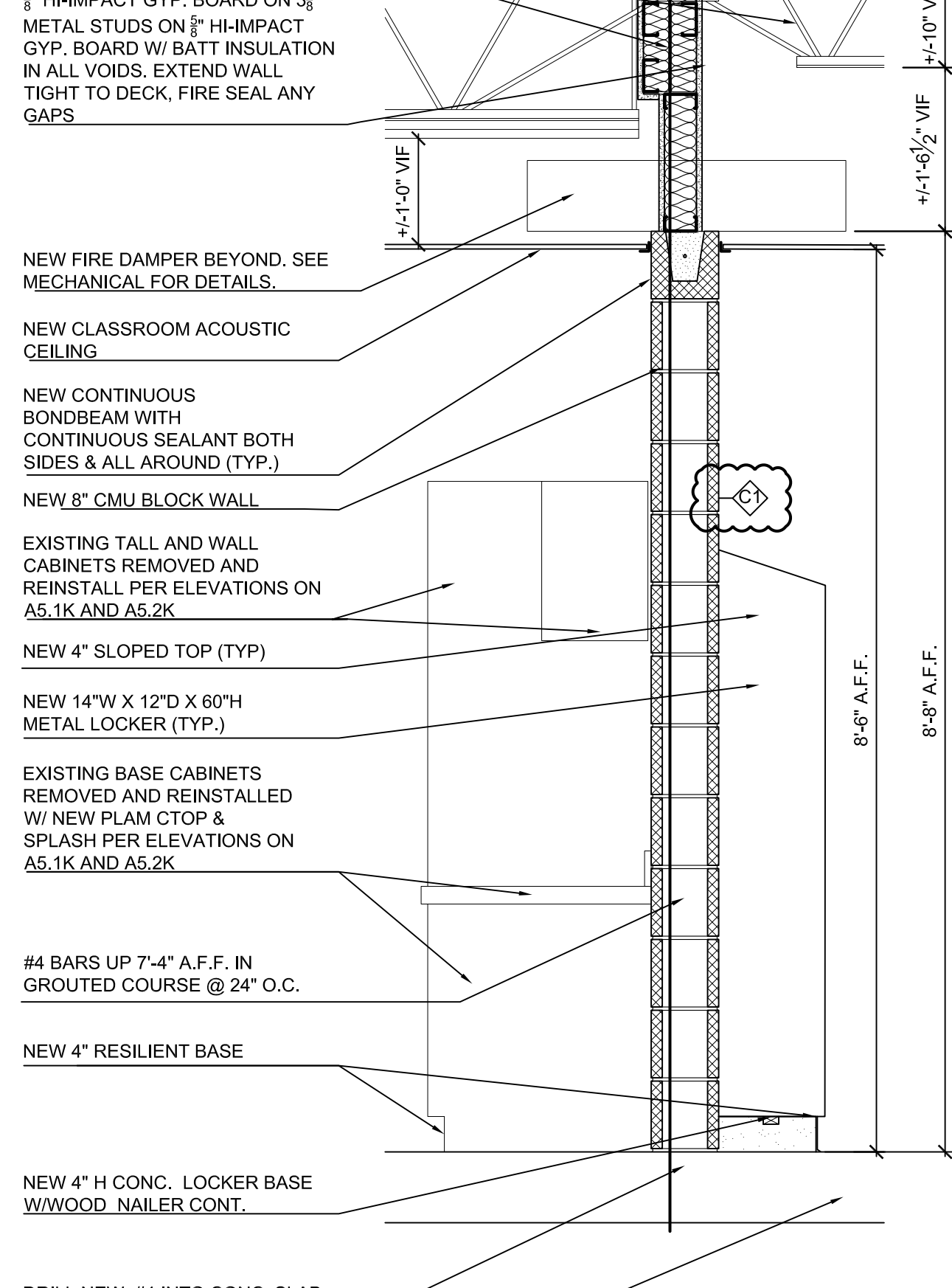
08
A5.3K
WALL SECTION @ NEW
MAIN OFFICE CORRIDOR WALL

SCALE: 3/4" = 1'-0"



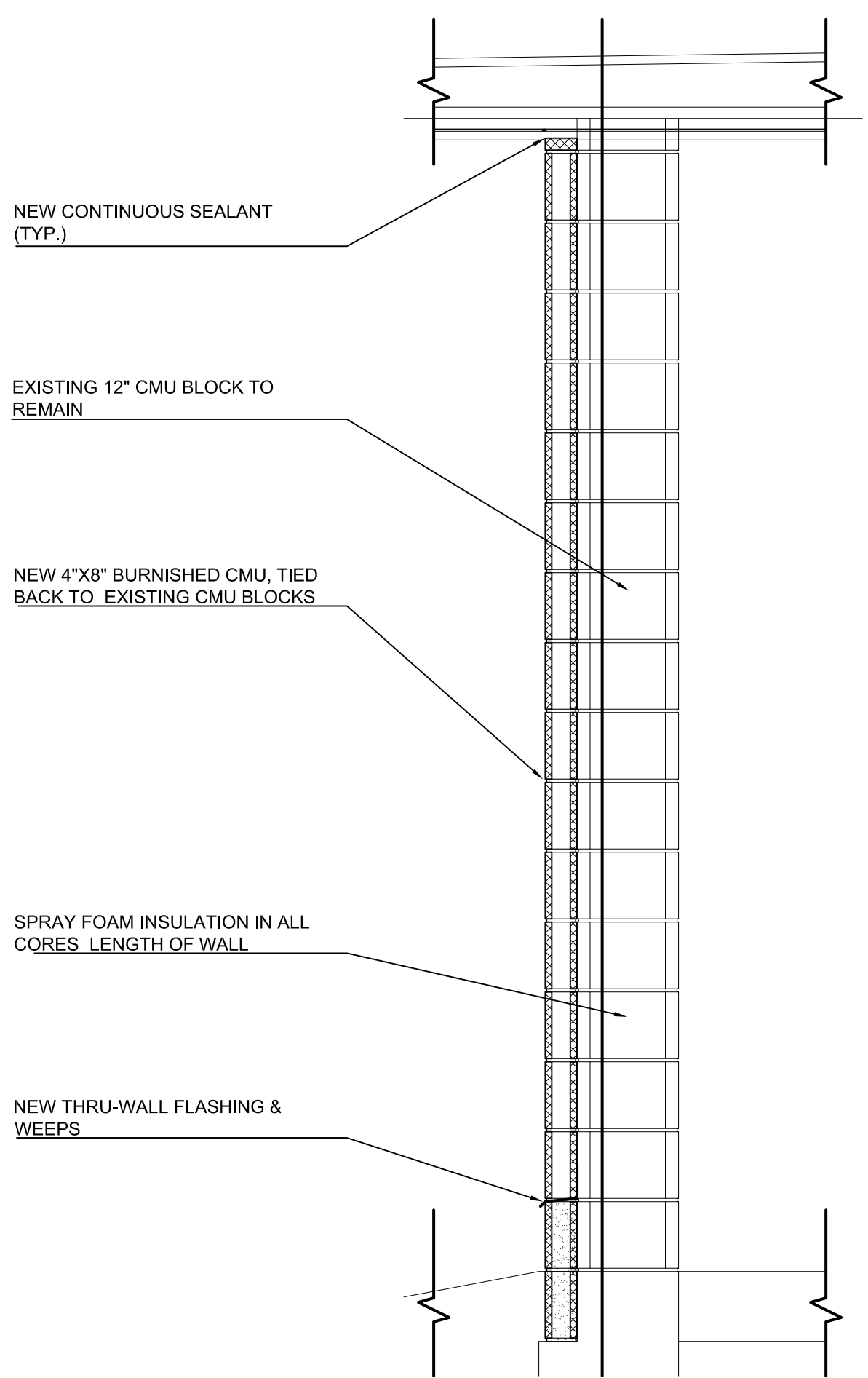
05
A5.3K
TYP. DEMOLITION WALL
SECTION @ CORRIDOR WALLS

SCALE: 3/4" = 1'-0"



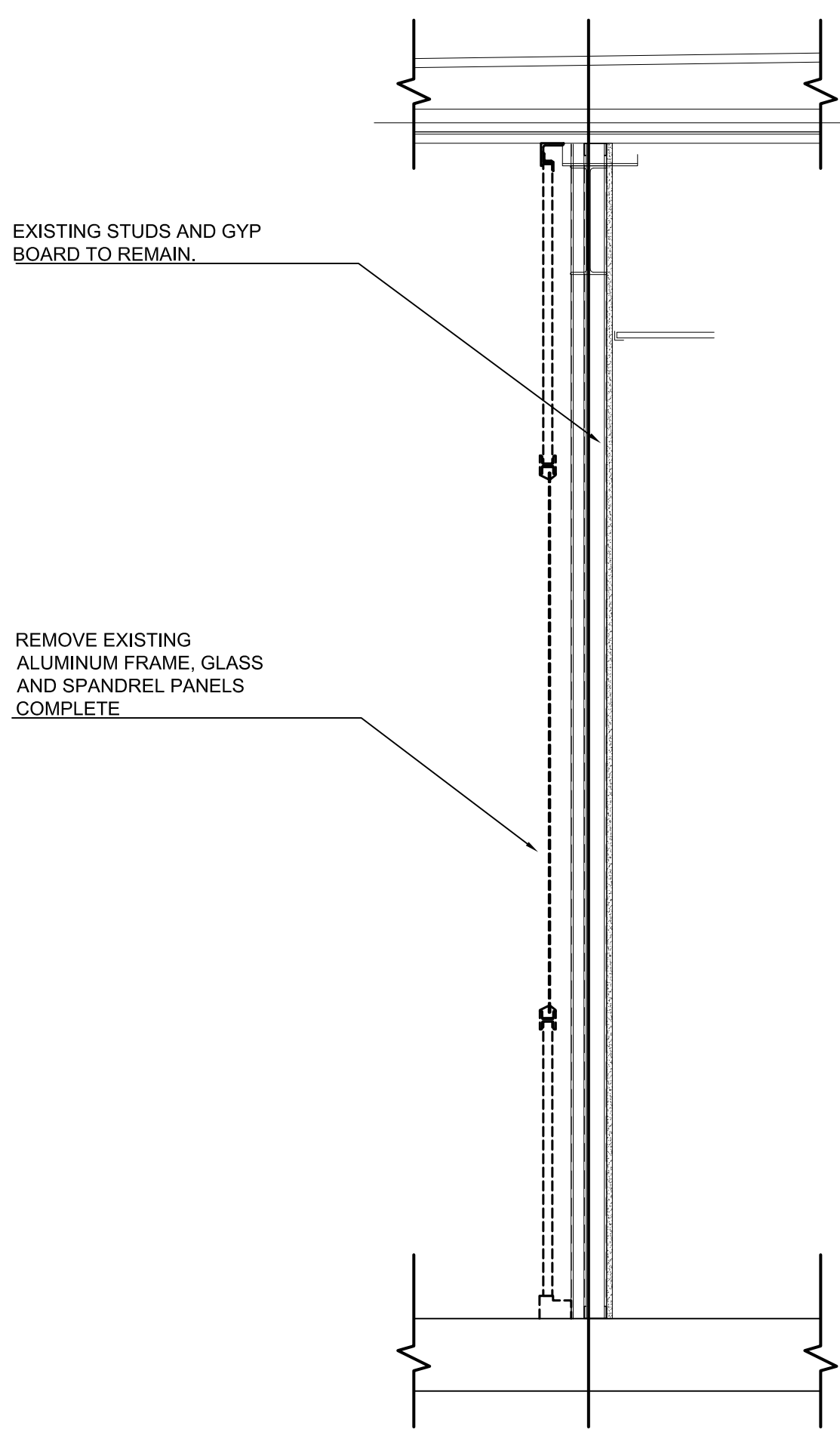
01
A5.3K
TYP. WALL SECTION @ NEW
CLASSROOM CORRIDOR WALLS

SCALE: 3/4" = 1'-0"



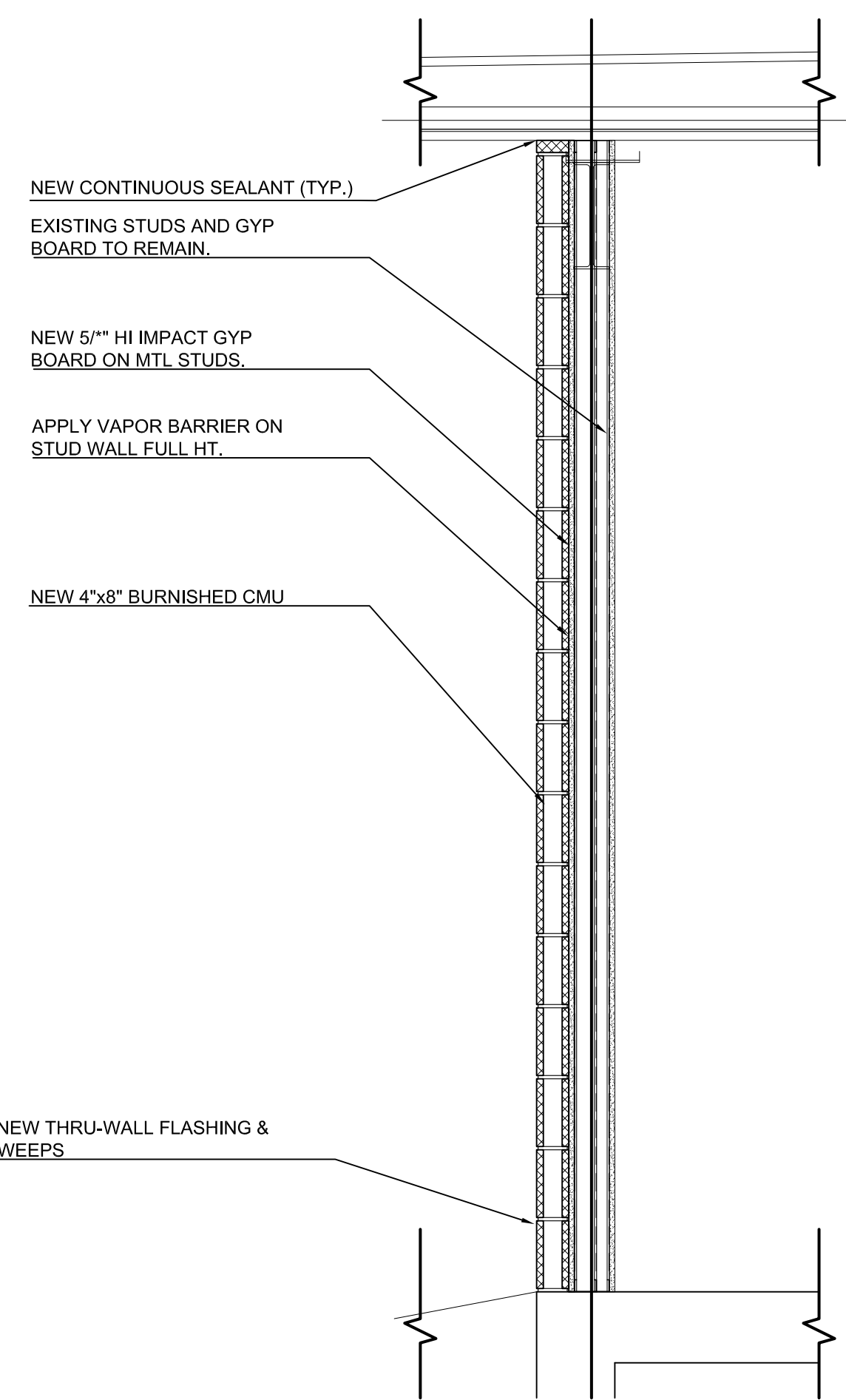
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A5.3K
NEW WALL SECTION @
EXTERIOR WALLS

SCALE: 3/4" = 1'-0"



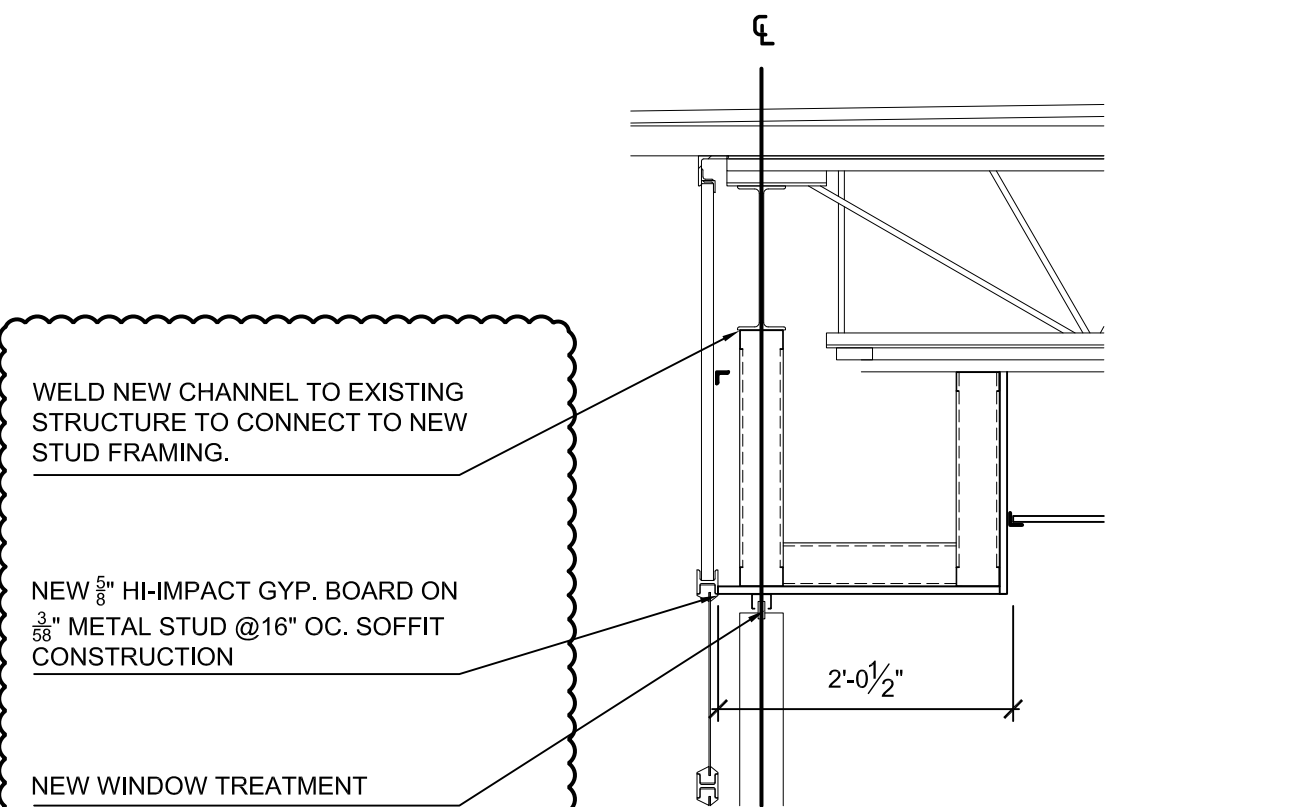
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A5.3K
DEMO WALL SECTION @
EXTERIOR WALLS

SCALE: 3/4" = 1'-0"



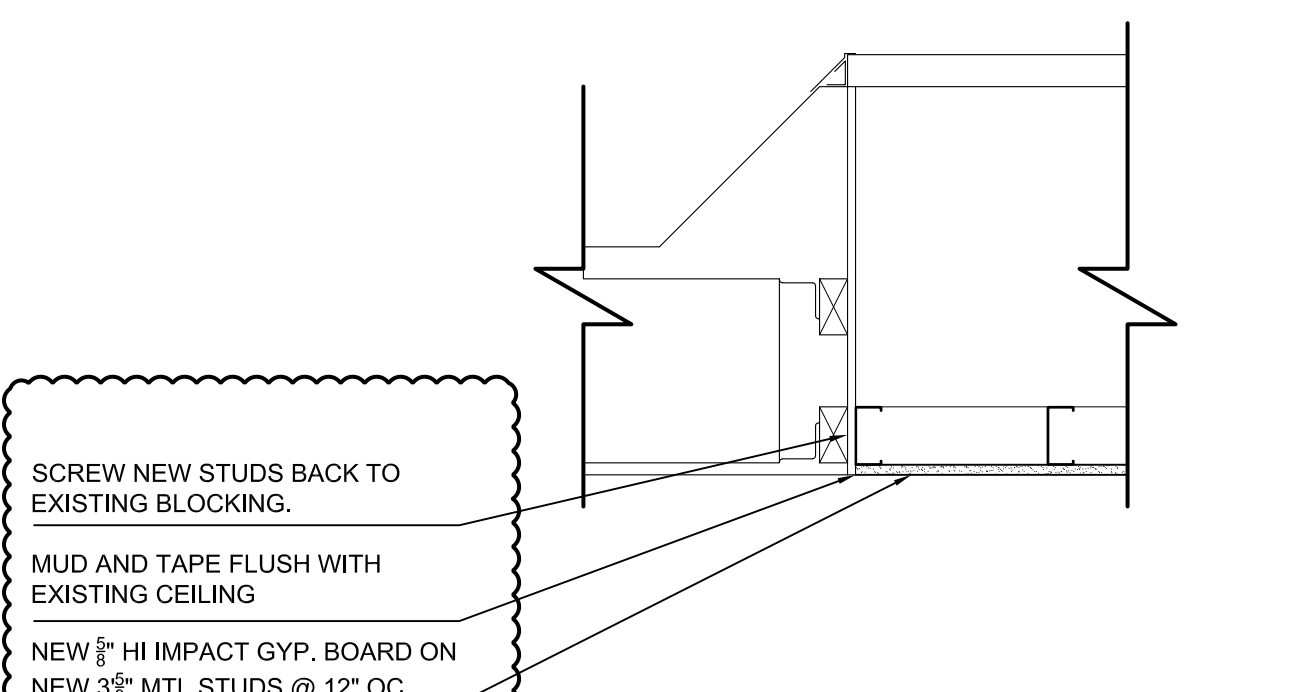
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A5.3K
EXTERIOR WALL SECTION @
ROOM B108

SCALE: 3/4" = 1'-0"



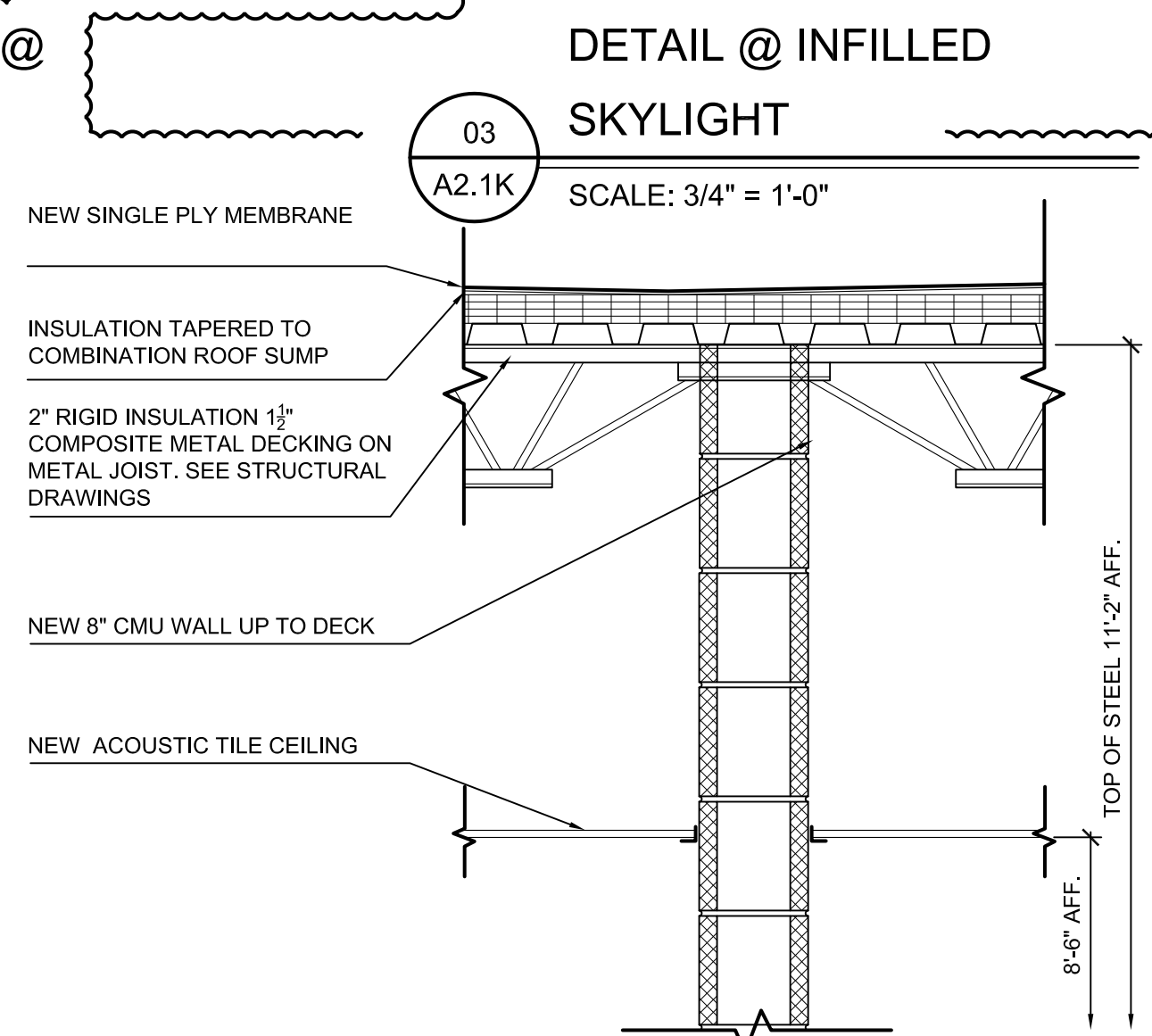
02
A1.2K
TYP. DETAIL @ CLASSROOM
WINDOW SOFFIT

SCALE: 3/4" = 1'-0"



03
A2.1K
DETAIL @ INFILLED
SKYLIGHT

SCALE: 3/4" = 1'-0"



04
A5.3K
WALL SECTION ADDITION

SCALE: 3/4" = 1'-0"

ROOM FINISH SCHEDULE ABBREVIATIONS:

ACT	ACOUSTICAL CEILING TILE IN METAL GRID	PT	PAINT
BR	BRICK	RB	4" RESILIENT COVE BASE
CMU	CONCRETE MASONRY UNIT	RTR	RUBBER TREADS AND RISERS
CPT	CARPET	SC	SEALED CONCRETE
EPT	EPOXY PAINT	TEC	2'-0" x 2'-0" TECTUM IN GRID SYSTEM
ETR	EXISTING TO REMAIN	LVT	LUXURY VINYL TILE FLOOR
EXP	EXPOSED CONSTRUCTION	VACT	VINYL FACED ACT
GB	GYPSUM BOARD	VB	VENTED BASE
PCT	PORCELAIN CERAMIC TILE	WC	WALK-OFF CARPET
4PCT	4" PORCELAIN CERAMIC TILE COVE BASE	WD	WOOD
		AF	ACCESS FLOORING

ROOM FINISH SCHEDULE REMARKS:

1. PROVIDE MARKER BD. PAINT ON WALLS - FULL HEIGHT AND WIDTH.
2. NEW CEILING TO BE PLACED AT SAME HEIGHT AS EXISTING (VIF).
3. SEE FLOOR PLANS FOR EXTENT OF NEW FLOORING & PATTERNS.
4. MULTIPLE WALL PAINT COLORS & PATTERNS WILL BE USED IN THIS ROOM.
5. MULTIPLE COLORS WILL BE USED ON EXPOSED ROOF DECK, FRAMING, DUCTWORK, ETC.
6. SEE ELEVATIONS AND NOTES FOR HEIGHT OF WALL TILE. PAINT CMU WALL ABOVE TILE (VERIFY EACH ROOM DIMENSION IN FIELD).
7. SEE ELEVATIONS AND DETAILS FOR SOFFITS / WALL MATERIALS TO BE PAINTED.
8. REMOVE WALL COVERING, SKIM COAT WALLS, SAND AND PREP FOR NEW PAINT AS REQUIRED.
9. PROVIDE HOLD DOWN CLIPS IN ACOUSTIC CEILING TILE SYSTEM.
10. PROVIDE 12'-0" x 12'-0" STAIRING AS SPECIFIED ON ENLARGED PLANS.
11. PROVIDE 12'-0" x 12'-0" AREA RUG - SEE SPEC.

ROOM FINISH SCHEDULE GENERAL NOTES (APPLIES TO ALL ROOMS):

1. PAINT ALL EXPOSED ITEMS IN ROOMS: DOOR FRAMES, WINDOW FRAMES, DUCTS, PIPES, CONDUITS, ROOF FRAMING, ROOF DECK, ETC.
2. SEE ELEVATIONS & DETAILS FOR GYP BD SOFFIT HEIGHTS & SIZES.
3. SEE ELEVATIONS & DETAILS FOR WALL TILE HEIGHTS & LOCATIONS
4. SEE PLANS FOR FLOOR PATTERNS AND WALK-OFF CARPET LOCATIONS
5. PROVIDE VINYL TRANSITION STRIPS AT DISSIMILAR FLOOR FINISHES - CARPET / TILE, CARPET / CONCRETE, ETC.
6. PAINT NEW WALL CONSTRUCTION TO MATCH EXISTING IN ROOM (VIF)
7. PROVIDE STAINLESS STEEL SCHLUTER TRANSITIONS AT ALL HARD TILE / CARPET LOCATIONS.
8. MODIFY EXISTING LAY-IN CEILINGS AS REQUIRED TO ACCOMMODATE NEW WALL PLACEMENT.
9. REMOVE / REINSTALL EXISTING LAY-IN CEILING SYSTEMS AS REQUIRED FOR OVERHEAD PIPING, DUCT WORK, ETC (VIF).
10. VERIFY WITH EACH SCHOOL PRINCIPAL **BEFORE PAINTING OVER** TOP OF EXISTING PAINTED MURALS IN CORRIDORS AND CLASSROOMS.
11. ALL TOILET ROOMS CALLING FOR PAINT TO BE EPOXY PAINT (WALLS & CEILINGS).

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING		REMARKS
					MATERIAL	HGT.	
B105	EXISTING CLOSET	-	-	-	-	-	-
B106	NEW VESTIBULE	WC	RB	PT	ACT	-	-
B107	EXISTING VAULT	CPT	RB	PT	ETR/PT	-	-
B108	EXISTING B.F. TOILET	CPT	RB	PT	-	-	-
B109	EXISTING CLOSET	CPT	ETR	ETR	-	-	-
B110	EXISTING VESTIBULE	LVT	RB	PT	ACT/PAD	-	2
B111	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
B112	EXISTING KITCHEN	ETR	ETR	PT	ETR	-	-
B113	EXISTING CAFETERIA	LVT	RB	PT	ACT/PAD	-	2,3,4
B114	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
B115	EXISTING TOILET	PCT	4PCT	EPT	ETR/EPT	+/-8'-0"(VIF)	2
B116	EXISTING CORRIDOR	LVT	RB	PT	ETR	-	3,4
B117	EXISTING PERFORMANCE AREA	LVT	RB	PT	PT	-	3,4
B118	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
B119	EXISTING MECHANICAL	ETR	ETR	ETR	ETR	-	-
B121	EXISTING OFFICE	CPT	RB	PT	ACT	-	-
B122	CONFERENCE ROOM	CPT	RB	PT	ACT	8'-6"	-
B123	NEW CLINIC	LVT	RB	EPT	ACT	8'-0"	-
B124	NEW B.F. TOILET	PCT	4PCT	EPT	PT	8'-6"	-
B129	EXISTING STORAGE	CPT	RB	PT	ACT/PAD	-	2
C100	EXISTING OFFICE	CPT	RB	PT	ACT/PAD	7'-11"	2
C101	EXISTING OFFICE	CPT	RB	ETR	ACT/PAD	7'-11"	2
C102	EXISTING MEDIA CENTER	CPT	RB	PT	ACT/PAD	9'-1'7"-10"	2
C103	EXISTING OFFICE	CPT	RB	ETR	ETR	7'-11"	-
C104	EXISTING PERFORMANCE AREA	CPT	RB	PT	ACT/PAD	7'-11"	2
C105	EXISTING OFFICE	ETR	ETR	ETR	ETR	7'-11"	2
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING		REMARKS
					MATERIAL	HGT.	
A100	-	-	-	-	-	-	-
A101	EXISTING LGI	LVT	RB	PT	-	8'-3"	11
A102	EXISTING CLASSROOM	LVT	RB	PT	-	8'-2"	11
A103	EXISTING LGI	LVT	RB	PT	-	8'-3"	11
A104	EXISTING CLASSROOM	LVT	RB	PT	-	8'-2"	11
A105	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-6"	3,4
A106	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A107	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
A110	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A111	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
A114	EXISTING BOYS TOILET	PCT	4PCT	PCT/EPT	GYP	9'-8"	2,6
A115	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	-
A116	EXISTING GIRLS TOILET	PCT	4PCT	PCT/EPT	GYP	9'-4"	2,6
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
A119	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A120	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-6"	3,4
-	-	-	-	-	-	-	-
A122	EXISTING CUSTODIAL CLOSET	ETR	ETR	ETR	ETR	-	-
A123	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
A124	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
A125	EXISTING VESTIBULE	WC	RB	PT	ACT	8'-5"	-
-	-	-	-	-	-	-	-
A127	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A128	EXISTING KILN	ETR	ETR	ETR	ETR	-	-
A129	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-2"	11
A130	EXISTING ART ROOM	ETR	ETR	PT	-	8'-0"	-
A131	EXISTING CLOSET	-	-	-	-	-	-
A132	EXISTING OFFICE	CPT	RB	PT	ETR	8'-0"	-
A133	EXISTING MUSIC	CPT	RB	PT	ACT	8'-6"	-
-	-	-	-	-	-	-	-
A135	EXISTING CLOSET	-	-	-	-	-	-
A136	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-0"	3,4
A137	EXISTING STAFF ROOM	LVT	RB	PT	ACT	8'-6"	-
A138	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-6"	3,4
A139	EXISTING BOILER ROOM	ETR	ETR	ETR	ETR	-	-
A140	EXISTING GIRLS TOILET	PCT	4PCT	PCT/EPT	GYP/EPT	9'-9"	2,6
A141	EXISTING STORAGE	ETR	ETR	ETR	ETR	-	-
A142	EXISTING CUSTODIAL CLOSET	-	-	-	-	-	-
A143	EXISTING GYMNASIUM	LVT	RB	PT	ETR/PT	19'-9"	4,5,10
A144	EXISTING BOYS TOILET	PCT	4PCT	PCT/EPT	GYP/EPT	9'-6"	2,6
A145	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-6"	3,4
A146	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A147	EXISTING VESTIBULE	WC	RB	PT	ACT	8'-8"	4
A148	EXISTING CLOSET	-	-	-	-	-	-
A149	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A150	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A151	EXISTING TOILET	PCT	4PCT	EPT	GYP/EPT	8'-3"	2
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
A154	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	-
A155A	NEW TOILET	PCT	4PCT	EPT	GYP/EPT	8'-0"	2
A155B	NEW STORAGE	LVT	RB	PT	GYP/PT	8'-0"	2
A156	EXISTING TOILET	PCT	4PCT	EPT	GYP/PT	8'-3"	2
A157	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A158A	NEW TOILET	PCT	4PCT	EPT	GYP/PT	8'-0"	2
A158B	NEW STORAGE	LVT	RB	PT	GYP/PT	8'-0"	2
A161A	NEW TOILET	PCT	4PCT	EPT	GYP/PT	8'-0"	2
A161B	NEW STORAGE	LVT	RB	PT	GYP/PT	8'-0"	2
A162	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A163	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
-	-	-	-	-	-	-	-
A166A	NEW STORAGE	LVT	RB	PT	GYP/PT	8'-0"	2
A166B	NEW STORAGE	LVT	RB	PT	GYP/PT	8'-0"	2
A167A	NEW STORAGE	LVT	RB	PT	GYP/PT	8'-0"	2
A167B	NEW STORAGE	LVT	RB	PT	GYP/PT	8'-0"	2
A168	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
A169	EXISTING CLASSROOM	LVT	RB	PT	ACT	8'-6"	11
-	-	-	-	-	-	-	-
A172	EXISTING TOILET	PCT	4PCT	EPT	GYP/PT	8'-0"	2
A173	EXISTING TOILET	PCT	4PCT	EPT	GYP/PT	8'-0"	2
A174	EXISTING KINDERGARTEN	LVT	RB	PT	ACT	8'-6"	-
A175	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-6"	3,4
A176	EXISTING TOILET	PCT	4PCT	EPT	GYP/PT	8'-0"	2
A177	EXISTING VESTIBULE	WC	RB	PT	ACT	8'-8"	2
A178	EXISTING STORAGE	LVT	RB	ETR	ETR	-	2
A179	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-6"	3,4
A180	EXISTING CORRIDOR	LVT	RB	PT	ACT	8'-6"	3,4
A181	EXISTING RAMP	RTR	RB	PT	ACT	VARIES	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
B100	NEW PRINCIPAL'S OFFICE	CPT	RB	PT	ACT	8'-6"	-
B101	NEW MAIN OFFICE	CPT	RB	PT	ACT	9'-0"	3,4
B102	NEW WORK ROOM	CPT	RB	PT	ACT/PAD	-	2
B103	EXISTING WORK ROOM	CPT	RB	PT	ACT	-	2
B104	EXISTING TOILET	PCT	4PCT	EPT	-	-	-



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FARMINGTON PUBLIC SCHOOLS - 2015 BOND
2018 PROJECTS
KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

KENBROOK ELEMENTARY
SCHOOL

ROOM FINISH SCHEDULE

PRELIMINARY ☐

DESIGN DEVELOPMENT ☐

CONSTRUCTION ☒

FINAL RECORD ☐

DRAWN BY _N_JL

CHECKED BY _BJS

REVISIONS

ADD No. 01 1/3/18

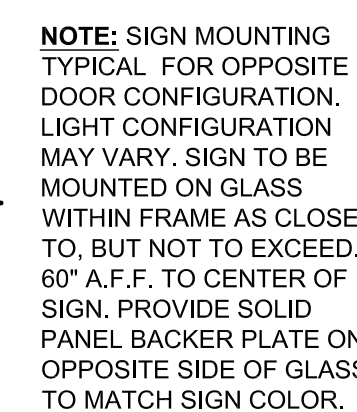
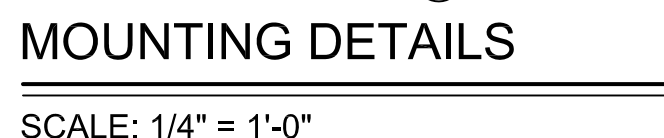
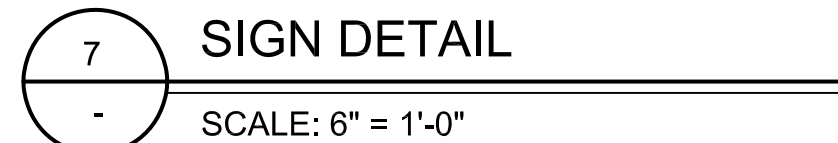
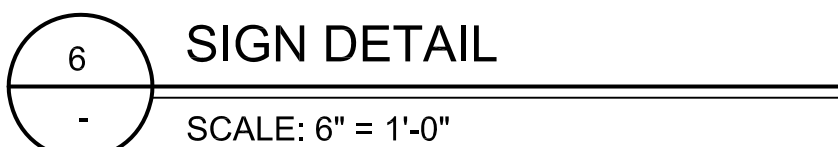
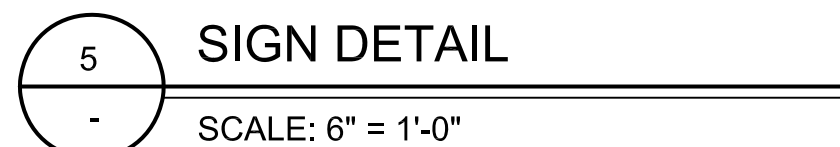
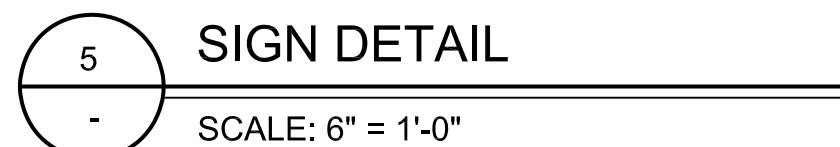
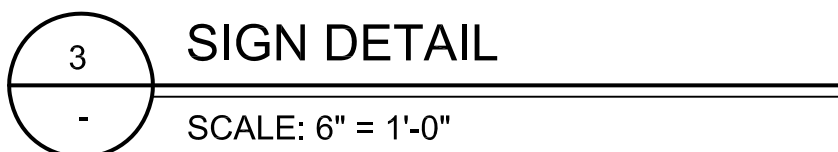
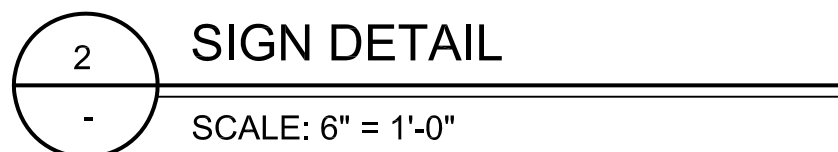
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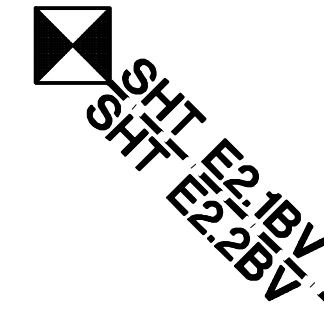
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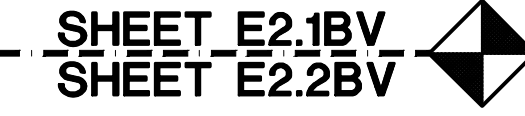
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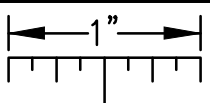
3. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS, BUT ARE NOT TO BE CONSIDERED FABRICATION DRAWINGS. COORDINATE WITH OTHER TRADES, AND PROVIDE A COMPLETE SYSTEM, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS, AND OFFSETS.
4. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
5. COORDINATE AND PROVIDE ACCESS DOORS WITHIN ACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
6. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
7. TRANSFORMER SECONDARY CONDUITORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER RATING. SCHEDULING SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
8. MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SCHEDULING SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
9. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
10. COORDINATE EXACT LOCATIONS OF ALL FLOOR BOYS WITH FINAL FURNITURE LAYOUT DRAWINGS.
11. REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENT FOR ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS, THAT CIRCUIT SIZE IS BASED ON THE MECHANICAL SCHEDULES. PROVIDE THE CIRCUIT OF HIGHER AMPACITY.
12. REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

1. CIRCUIT LIGHT FIXTURES TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE. EXTEND CONDUIT AND WIRE AS REQUIRED. REWORK SWITCH LEG AS REQUIRED FOR CONDUIT AS INDICATED. WHERE DIMMING SWITCHES ARE INDICATED, PROVIDE NEW 0-10V CABLEING, COORDINATE CABLE REQUIREMENTS WITH DIMMING SWITCH AND LIGHT FIXTURE DRIVER MANUFACTURERS.
2. REMOVE EXISTING LAMPS AND BALLASTS FOR LIGHT FIXTURES IN ROOM. PROVIDE (2) PHILIPS INSTANTANT LED T8 LAMPS AND (1) PHILIPS LED DRIVER. PROVIDE NEW QUICK DISCONNECT FITTINGS FOR DRIVER WIRING. LAMPS SHALL BE 4000K COLOR TEMP.
3. REMOVE EXISTING LAMPS AND BALLASTS FOR LIGHT FIXTURES IN ROOM. PROVIDE (3) PHILIPS INSTANTANT LED T8 LAMPS AND (2) PHILIPS TLED DRIVERS FOR INNER/OUTER LAMP SWITCHING. PROVIDE NEW QUICK DISCONNECT FITTINGS FOR DRIVER WIRING. LAMPS SHALL BE 4000K COLOR TEMP.
4. CIRCUIT LIGHT FIXTURES TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE. EXTEND CONDUIT AND WIRE AS REQUIRED. REWORK SWITCH LEG OF BRANCH CIRCUIT AS REQUIRED.
5. PROVIDE NEW OCCUPANCY SENSOR TO EXISTING LIGHTING BRANCH CIRCUIT SO THAT LIGHT FIXTURES ARE CONTROLLED BY EXISTING SWITCHES AND NEW OCCUPANCY SENSOR. REWORK SWITCH LEG AS REQUIRED.
6. REFER TO TYPICAL CLASSROOM LIGHTING CONTROL DETAIL FOR REQUIREMENTS OF LIGHTING CONTROL.
7. PROVIDE EMERGENCY LOAD TRANSFER DEVICE (ELTD) AND EMERGENCY BRANCH CIRCUIT AS INDICATED FOR EMERGENCY LIGHT FIXTURE. PROVIDE (1) ELTD PER SWITCHED CIRCUIT. CIRCUIT NORMAL SIDE OF ELTD TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE.
8. PROVIDE EMERGENCY LOAD TRANSFER DEVICE (ELTD) AND EMERGENCY BRANCH CIRCUIT AS INDICATED FOR EMERGENCY LIGHT FIXTURE. PROVIDE (1) ELTD PER CIRCUIT. CIRCUIT NORMAL SIDE OF ELTD TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE.
9. REMOVE EXISTING EXIT SIGN AND BRANCH CIRCUIT COMPLETE (CONDUIT AND WIRE). PROVIDE NEW EXIT SIGN (FIXTURE TYPE "X"). CIRCUIT UNWIRED TO NEW EMERGENCY LIGHTING BRANCH CIRCUIT AS INDICATED.



JOB NO.: 171712A

THE FOLLOWING DIMENSION EQUALS
ONE INCH WHEN PRINTED TO SCALE.

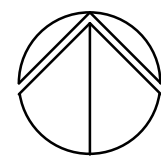


SHT E2.1BV
SHT E2.2BV

SHEET E2.1BV
SHEET E2.2BV

SHEET E2.1BV
SHEET E2.2BV

SHEET E2.1BV
SHEET E2.2BV



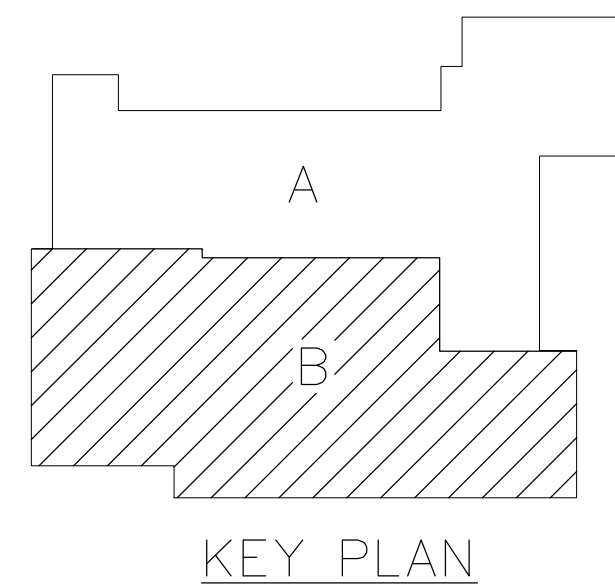
LIGHTING NEW WORK PLAN - AREA 'B'
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS, BUT ARE NOT TO BE CONSIDERED FABRICATION DRAWINGS. COORDINATE WITH OTHER TRADES, AND PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS, AND OFFSETS.
- INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
- TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
- MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
- COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
- COORDINATE EXACT LOCATIONS OF ALL FLOOR BOXES WITH FINAL FURNITURE LAYOUT DRAWINGS.
- REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.
- REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.
- PROVIDE THE DESIGN AND INSTALLATION FOR A COMPLETE AND FUNCTIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS, AND ALL APPLICABLE CODES. THE FIRE ALARM VENDOR SHALL PROVIDE LAYOUT DRAWINGS INDICATING THE REQUIRED QUANTITIES AND LOCATIONS OF MANUAL PULL STATIONS, NOTIFICATION APPLIANCES, SMOKE AND HEAT DETECTORS, CONTROL MODULES, INTERFACE MODULES, MODULES FOR SPRINKLER FLOW AND TAMPER SWITCHES, ALL CONTROL PANELS, POWER SUPPLIES, ADDITIONAL DEVICES AND EQUIPMENT REQUIRED. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL FINISHES AND REFLECTED CEILING PLANS, INCLUDING ADDITIONAL SMOKE AND HEAT DETECTORS REQUIRED FOR NON-SMOOTH CEILING APPLICATIONS. INCLUDE ALLOWANCES FOR ADJUSTMENT OF DEVICES BY THE ARCHITECT AT THE TIME OF SUBMITTAL TO COORDINATE WITH BUILDING FINISHES AND OTHER CEILING ELEMENTS.
- CIRCUIT EXIT SIGNS UNSWITCHED TO HOT LEG OF LIGHTING BRANCH CIRCUIT SERVING SPACE. ALTERNATE E1BV; CIRCUIT EXIT SIGN TO NEW EMERGENCY LIGHTING BRANCH CIRCUIT AS INDICATED.
- IN SPACES INDICATED TO RECEIVE NEW LIGHTING, PROVIDE OCCUPANCY/VACANCY/PHOTOCELL CONTROL AS REQUIRED TO COMPLY WITH ASHRAE 90.1-2013. REVISE CIRCUITING AS REQUIRED FOR NEW CONTROLS.

CONSTRUCTION KEY NOTES:

- CIRCUIT LIGHT FIXTURES TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE. EXTEND CONDUIT AND WIRE AS REQUIRED. REWORK SWITCH LEG AS REQUIRED FOR CONTROLS AS INDICATED. WHERE DIMMING SWITCHES ARE INDICATED, PROVIDE NEW 0-10V CABLEING. COORDINATE CABLE REQUIREMENTS WITH DIMMING SWITCH AND LIGHT FIXTURE DRIVER MANUFACTURERS.
- REMOVE EXISTING LAMPS AND BALLAST FOR LIGHT FIXTURES IN ROOM. PROVIDE (2) PHILIPS INSTANTIT LED T8 LAMPS AND (1) PHILIPS TLED DRIVER. PROVIDE NEW QUICK DISCONNECT FITTINGS FOR DRIVER WIRING. LAMPS SHALL BE 4000K COLOR TEMP.
- REMOVE EXISTING LAMPS AND BALLASTS FOR LIGHT FIXTURES IN ROOM. PROVIDE (3) PHILIPS INSTANTIT LED T8 LAMPS AND (2) PHILIPS TLED DRIVERS FOR INNER/OUTER LAMP SWITCHING. PROVIDE NEW QUICK DISCONNECT FITTINGS FOR DRIVER WIRING. LAMPS SHALL BE 4000K COLOR TEMP.
- CIRCUIT LIGHT FIXTURES TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE. EXTEND CONDUIT AND WIRE AS REQUIRED. REWORK SWITCH LEG OF BRANCH CIRCUIT AS REQUIRED.
- CIRCUIT NEW OCCUPANCY SENSOR TO EXISTING LIGHTING BRANCH CIRCUIT SO THAT LIGHT FIXTURES ARE CONTROLLED BY EXISTING SWITCHES AND NEW OCCUPANCY SENSOR. REWORK SWITCH LEG AS REQUIRED.
- REFER TO TYPICAL CLASSROOM LIGHTING CONTROL DETAIL FOR REQUIREMENTS OF NEW LIGHTING CONTROLS.
- PROVIDE EMERGENCY LOAD TRANSFER DEVICE (ELTD) AND EMERGENCY BRANCH CIRCUIT AS INDICATED FOR EMERGENCY LIGHT FIXTURE. PROVIDE (1) ELTD PER SWITCHED CIRCUIT. CIRCUIT NORMAL SIDE OF ELTD TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE.
- PROVIDE EMERGENCY LOAD TRANSFER DEVICE (ELTD) AND EMERGENCY BRANCH CIRCUIT AS INDICATED FOR EMERGENCY LIGHT FIXTURE. PROVIDE (1) ELTD PER SWITCHED CIRCUIT. CIRCUIT NORMAL SIDE OF ELTD TO EXISTING LIGHTING BRANCH CIRCUIT SERVING SPACE.
- REMOVE EXISTING EXIT SIGN AND AND BRANCH CIRCUIT COMPLETE (CONDUIT AND WIRE). PROVIDE NEW EXIT SIGN (FIGURE TYPE "X"). CIRCUIT UNSWITCHED TO NEW EMERGENCY LIGHTING BRANCH CIRCUIT AS INDICATED.



FARMINGTON PUBLIC SCHOOLS - 2015 BOND 2018 PROJECTS KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

BEECHVIEW ELEMENTARY
SCHOOL
LIGHTING NEW WORK PLAN -
AREA 'B'

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: JRD
CHECKED BY: GJZ

REVISIONS:

APPENDUM NO. 1 01/03/18

DATE: 12-15-17

SHEET NO.:

E2.2BV

JOB NO.: 171712A

WA

WAKELY ASSOCIATES, INC.
ARCHITECTS & ENGINEERS

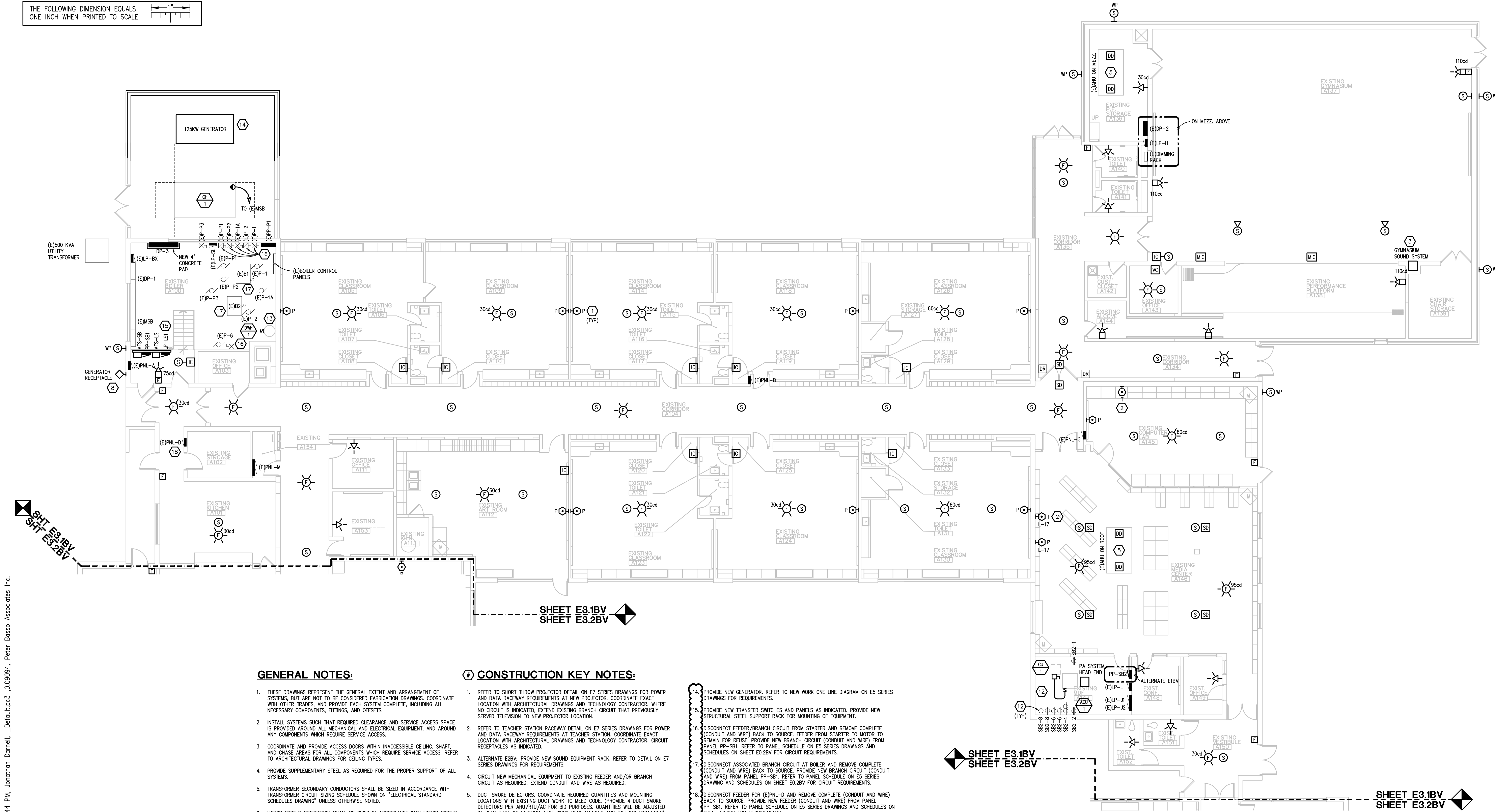
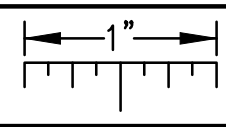
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PBA Project No.: 2015-0144

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THE FOLLOWING DIMENSION EQUALS
ONE INCH WHEN PRINTED TO SCALE.



GENERAL NOTES:

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3. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
4. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
5. TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON 'ELECTRICAL STANDARD SCHEDULES DRAWING' UNLESS OTHERWISE NOTED.
6. MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON 'ELECTRICAL STANDARD SCHEDULES DRAWING' UNLESS OTHERWISE NOTED.
7. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
8. COORDINATE EXACT LOCATIONS OF ALL FLOOR BOXES WITH FINAL FURNITURE LAYOUT DRAWINGS.
9. REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.
10. REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.
11. PROVIDE THE DESIGN AND INSTALLATION FOR A COMPLETE AND FUNCTIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS, AND ALL APPLICABLE CODES. THE FIRE ALARM VENDOR SHALL PROVIDE LAYOUT DRAWINGS INDICATING THE REQUIRED QUANTITIES AND LOCATIONS OF MANUAL PULL STATIONS, NOTIFICATION APPLIANCES, SMOKE AND HEAT DETECTORS, CONTROL MODULES, INTERFACE MODULES, MODULES FOR SPRINKLER FLOW AND TAMPER SWITCHES, ALL CONTROL PANELS, POWER SUPPLIES, ADDITIONAL DEVICES AND EQUIPMENT REQUIRED. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL FINISHES AND REFLECTED CEILING PLANS, INCLUDING ADDITIONAL SMOKE AND HEAT DETECTORS REQUIRED FOR NON-SMOOTH CEILING APPLICATIONS. INCLUDE ALLOWANCES FOR ADJUSTMENT OF DEVICES BY THE ARCHITECT AT THE TIME OF SUBMITTAL TO COORDINATE WITH BUILDING FINISHES AND OTHER CEILING ELEMENTS.
12. CIRCUIT EXIT SIGNS UNSWITCHED TO HOT LEG OF LIGHTING BRANCH CIRCUIT SERVING SPACE. ALTERNATE E1BV. CIRCUIT EXIT SIGN TO NEW EMERGENCY LIGHTING BRANCH CIRCUIT AS INDICATED.
13. IN SPACES INDICATED TO RECEIVE NEW LIGHTING. PROVIDE OCCUPANCY/VACANCY/PHOTOCELL CONTROL, AS REQUIRED TO COMPLY WITH ASHRAE 90.1-2013. REVISE CIRCUITING AS REQUIRED FOR NEW CONTROLS.
14. EXTEND EXISTING CIRCUIT GROUND AS REQUIRED PER NEC WHERE NEW LIGHTING IS BEING INSTALLED OR EXISTING LIGHTING IS BEING REMOVED AND REINSTALLED.

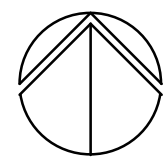
CONSTRUCTION KEY NOTES:

1. REFER TO SHORT THROW PROJECTOR DETAIL ON E7 SERIES DRAWINGS FOR POWER AND DATA RACEWAY REQUIREMENTS AT NEW PROJECTOR. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND TECHNOLOGY CONTRACTOR. WHERE NO CIRCUIT IS INDICATED, EXTEND EXISTING BRANCH CIRCUIT THAT PREVIOUSLY SERVED TELEVISION TO NEW PROJECTOR LOCATION.
2. REFER TO TEACHER STATION RACEWAY DETAIL ON E7 SERIES DRAWINGS FOR POWER AND DATA RACEWAY REQUIREMENTS AT TEACHER STATION. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND TECHNOLOGY CONTRACTOR. CIRCUIT RECEPTACLES AS INDICATED.
3. ALTERNATE E2BV. PROVIDE NEW SOUND EQUIPMENT RACK. REFER TO DETAIL ON E7 SERIES DRAWINGS FOR REQUIREMENTS.
4. CIRCUIT NEW MECHANICAL EQUIPMENT TO EXISTING FEEDER AND/OR BRANCH CIRCUIT AS REQUIRED. EXTEND CONDUIT AND WIRE AS REQUIRED.
5. DUCT SMOKE DETECTORS. COORDINATE REQUIRED QUANTITIES AND MOUNTING LOCATIONS WITH EXISTING DUCT WORK TO MEED CODE. (PROVIDE 4 DUCT SMOKE DETECTORS PER AHU/RTU/AC FOR BID PURPOSES. QUANTITIES WILL BE ADJUSTED IN FIELD BASED ON EXISTING DUCT WORK PENETRATIONS AND ROUTING LOCATIONS). COORDINATE INSTALLATION WITH THE EXISTING MECHANICAL DUCT WORK SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR TO FIRE ALARM SYSTEM. CONTROL OF AIR HANDLING EQUIPMENT IS VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED FIRE ALARM CONTROL MODULES AND RELAYS TO INTERFACE WITH SUPPLY FAN AND ASSOCIATED RETURN FAN (OR EXHAUST FAN). PROVIDE ALL CONTROL MODULES, RELAYS, ETC. FOR A COMPLETE OPERATING SYSTEM.
6. CIRCUIT RECEPTACLE TO EXISTING BRANCH CIRCUIT. EXTEND CONDUIT AND WIRE AS REQUIRED.
7. PROVIDE 120V CIRCUIT IN CEILING SPACE FOR DOOR SECURITY AND CONTROLS AS INDICATED. FOR ALTERNATE E1BV. CIRCUIT DOOR HARDWARE POWER TO LP-SB1-28. REFER TO ARCHITECTURAL FLOOR PLANS, DOOR HARDWARE SCHEDULE ON ARCHITECTURAL DRAWINGS, ACCESS CONTROL SYSTEM SPECIFICATION SECTION, AND ACCESS CONTROL DOOR DIAGRAM(S) ON E7 SERIES DRAWINGS FOR RACEWAY AND BACK BOX REQUIREMENTS FOR DOOR OR BANK OF DOORS INDICATED. PROVIDE ALL RACEWAYS AND BACK BOXES REQUIRED. COORDINATE WITH DOOR HARDWARE CONTRACTOR. PROVIDE 1" CONDUIT FROM ARCHITECTURAL CASE WORK FOR DOOR RELEASE PUSH BUTTON TO ACCESSIBLE CEILING SPACE ABOVE DOORS FOR SECURITY DOOR RELEASE. COORDINATE LOCATION OF PUSH BUTTON WITH OWNER PRIOR TO INSTALLATION.
8. PROVIDE NEW RECEPTACLE FOR PORTABLE GENERATOR CONNECTION. REFER TO E5 SERIES DRAWINGS FOR REQUIREMENTS.
9. PROVIDE 2-GANG JUNCTION BOX WITH 3/4" TO ABOVE ACCESSIBLE CEILING FOR CARD READER. PROVIDE CONDUIT WITH NYLON PULLSTRING. PROVIDE BLANK COVERPLATE AT JUNCTION BOX. COORDINATE EXACT LOCATION WITH ARCHITECTURAL TRADES.
10. PROVIDE 2-GANG JUNCTION BOX WITH 3/4" TO ABOVE ACCESSIBLE CEILING FOR DOOR OPERATOR PUSH/PAD. PROVIDE CONDUIT WITH NYLON PULLSTRING. PROVIDE BLANK COVERPLATE AT JUNCTION BOX. COORDINATE EXACT LOCATION WITH ARCHITECTURAL TRADES.
11. PROVIDE 2-GANG JUNCTION BOX WITH 3/4" TO ABOVE ACCESSIBLE CEILING FOR APHONE. PROVIDE CONDUIT WITH NYLON PULLSTRING. PROVIDE BLANK COVERPLATE AT JUNCTION BOX. COORDINATE EXACT LOCATION WITH ARCHITECTURAL TRADE.
12. PROVIDE NEW 20A-2P CIRCUIT BREAKER AT EXISTING PANEL LP-L AND BRANCH CIRCUIT FOR NEW CONDENSING UNIT CU-1. ACU-1 SHALL BE POWERED FROM CU-1 AND IS RATED FOR 120V SINGLE PHASE POWER.
13. CIRCUIT NEW MECHANICAL EQUIPMENT TO EXISTING BRANCH CIRCUIT THAT SERVED PREVIOUS EQUIPMENT. EXTEND CONDUIT AND WIRE AS REQUIRED.

14. PROVIDE NEW GENERATOR. REFER TO NEW WORK ONE LINE DIAGRAM ON E5 SERIES DRAWINGS FOR REQUIREMENTS.
15. PROVIDE NEW TRANSFER SWITCHES AND PANELS AS INDICATED. PROVIDE NEW STRUCTURAL STEEL SUPPORT RACK FOR MOUNTING OF EQUIPMENT.
16. DISCONNECT FEEDER/BRANCH CIRCUIT FROM STARTER AND REMOVE COMPLETE (CONDUIT AND WIRE) BACK TO SOURCE. FEEDER FROM STARTER TO MOTOR TO REAM FOR REUSE. PROVIDE NEW BRANCH CIRCUIT (CONDUIT AND WIRE) FROM PANEL PP-SB1. REFER TO PANEL SCHEDULE ON E5 SERIES DRAWINGS AND SCHEDULES ON SHEET E0.2BV FOR CIRCUIT REQUIREMENTS.
17. DISCONNECT ASSOCIATED BRANCH CIRCUIT AT BOILER AND REMOVE COMPLETE (CONDUIT AND WIRE) BACK TO SOURCE. PROVIDE NEW BRANCH CIRCUIT (CONDUIT AND WIRE) FROM PANEL PP-SB1. REFER TO PANEL SCHEDULE ON E5 SERIES DRAWINGS AND SCHEDULES ON SHEET E0.2BV FOR CIRCUIT REQUIREMENTS.
18. DISCONNECT FEEDER FOR (E)PNL-D AND REMOVE COMPLETE (CONDUIT AND WIRE) BACK TO SOURCE. PROVIDE NEW FEEDER (CONDUIT AND WIRE) FROM PANEL PP-SB1. REFER TO PANEL SCHEDULE ON E5 SERIES DRAWINGS AND SCHEDULES ON SHEET E0.2BV FOR REQUIREMENTS.
19. RE-CIRCUIT EXISTING RECEPTACLE TO NEW BRANCH CIRCUIT AS INDICATED. REMOVE ABANDONED CONDUIT AND WIRE AS REQUIRED.
20. NOT USED.

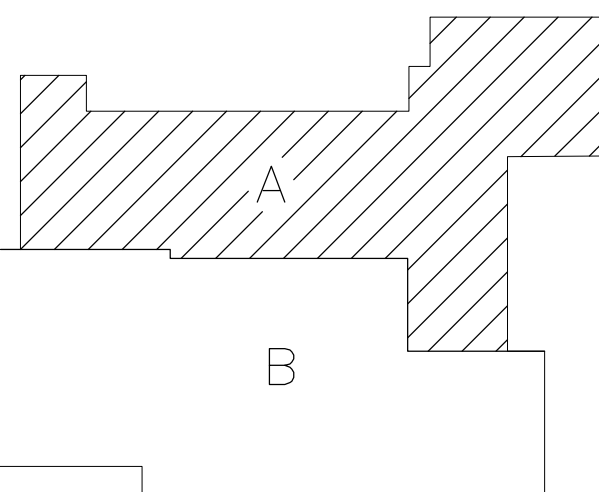
SHEET E3.1BV
SHEET E3.2BV

SHEET E3.1BV
SHEET E3.2BV



POWER NEW WORK PLAN - AREA 'A'

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



KEY PLAN

WA

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FARMINGTON PUBLIC SCHOOLS - 2015 BOND
2018 PROJECTS
KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

BEECHVIEW ELEMENTARY SCHOOL
POWER NEW WORK PLAN - AREA 'A'

- PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: JRD
CHECKED BY: GJZ

REVISIONS:

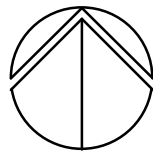
APPENDIX NO. 1 01/03/18
DATE: 12-15-17
SHEET NO.:

E3.1BV

JOB NO.: 171712A



SHEET E3.1BV
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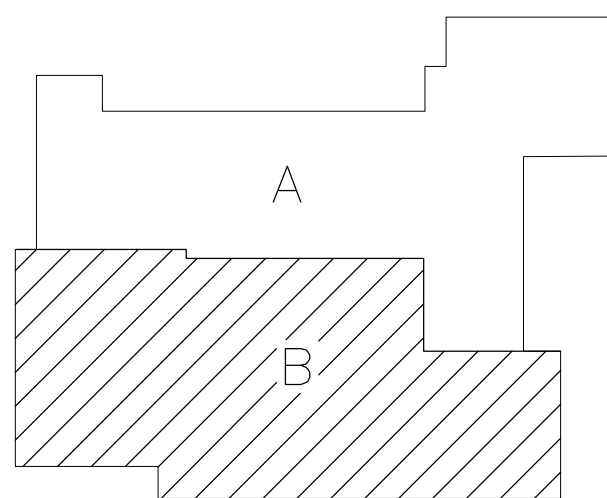


SCALE: 1/8" = 1' - 0"

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12. CIRCUIT EXIT SIGNS UNWISHTICH TO HOT LEG OF LIGHTING BRANCH CIRCUIT SERVING SPACE. ALTERED FLOW: CIRCUIT EXIT SIGN TO NEW EMERGENCY LIGHTING BRANCH CIRCUIT AS INDICATED.
13. IN SPACES INDICATED TO RECEIVE NEW LIGHTING, PROVIDE OCCUPANCY/VACANCY/PHOTOGRAPHIC CONTROL AS REQUIRED TO COMPLY WITH ASHRAE 90.1-2013. REVISE CIRCUITING AS REQUIRED FOR NEW CONTROLS.
14. EXTEND EXISTING CIRCUIT GROUND AS REQUIRED PER NEC WHERE NEW LIGHTING IS BEING INSTALLED OR EXISTING LIGHTING IS BEING REMOVED AND REINSTALLED.

1. REFER TO SHORT THROW PROJECTOR DETAIL ON E7 SERIES DRAWINGS FOR POWER AND DATA RACKWAY REQUIREMENTS AT NEW PROJECTOR. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND TECHNOLOGY CONTRACTOR. WHERE NO SERVICE IS INDICATED, EXTEND EXISTING BRANCH CIRCUIT THAT PREVIOUSLY SERVED TELEVISION TO NEW PROJECTOR LOCATION.
2. REFER TO TEACHER STATION RACKWAY DETAIL ON E7 SERIES DRAWINGS FOR POWER AND DATA RACKWAY REQUIREMENTS AT TEACHER STATION. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND TECHNOLOGY CONTRACTOR. CIRCUIT RECEPTACLE AS INDICATED.
3. ALTERNATE E230V: PROVIDE NEW SOUND EQUIPMENT RACK. REFER TO DETAIL ON E7 SERIES DRAWINGS FOR REQUIREMENTS.
4. CIRCUIT NEW MECHANICAL EQUIPMENT TO EXISTING FEEDER AND/OR BRANCH CIRCUIT AS REQUIRED. EXTEND CONDUIT AND WIRE AS REQUIRED.
5. DUCT SMOKE DETECTORS: COORDINATE REQUIRED QUANTITIES AND MOUNTING LOCATIONS WITH EXISTING AND NEW SMOKE DETECTOR SCHEDULE. PROVIDE 4" DUCT SMOKE DETECTORS PER AHU/RTU/CAV FOR BID PURPOSES. QUANTITIES WILL BE ADJUSTED IN FIELD BASED ON EXISTING DUCT WORK PENETRATIONS AND ROUTING LOCATIONS). COORDINATE INSTALLATION OF DETECTORS WITH MECHANICAL CONTRACTOR WORK SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR TO FIRE ALARM SYSTEM. DETECTOR, OR HAND-HELD DETECTOR IS VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED FIRE ALARM CONTROL MODULES AND RELAYS TO INTERFACE WITH SUPPLY FAN AND ASSOCIATED RETURN FAN (OR EXHAUST FAN). PROVIDE ALL CONTROL MODULES, RELAYS, ETC. FOR A COMPLETE OPERATING SYSTEM.
6. CIRCUIT RECEPTACLE TO EXISTING BRANCH CIRCUIT. EXTEND CONDUIT AND WIRE AS REQUIRED.
7. PROVIDE 120V CIRCUIT IN CEILING SPACE FOR DOOR SECURITY AND CONTROLS AS INDICATED. FOR ALTERNATE E15V, CIRCUIT DOOR HARDWARE POWER TO LP1-361-28. PROVIDE 120V CIRCUITRY TO ACCESS CONTROL SYSTEM HARDWARE SCHEDULE. ARCHITECTURAL DRAWINGS, ACCESS CONTROL SYSTEM SPECIFICATION SCHEDULE, AND ACCESS CONTROL DOOR DIAGRAMS) ON E7 SERIES DRAWINGS FOR RACKWAY AND BACK BOX REQUIREMENTS AT ACCESS CONTROL SYSTEM HARDWARE SCHEDULE. ALL RACKWAYS AND BACK BOXES REQUIRED. COORDINATE WITH DOOR HARDWARE CONTRACTOR. PROVIDE 1" CONDUIT FROM ARCHITECTURAL CASE WORK FOR DOOR RELEASE PUSH BUTTON TO ACCESS CONTROL EQUIPMENT ABOVE DOORS FOR SECURITY DOOR RELEASE. COORDINATE LOCATION OF PUSH BUTTON WITH OWNER PRIOR TO INSTALLATION.
8. PROVIDE NEW RECEPTACLE FOR PORTABLE GENERATOR CONNECTION. REFER TO E5 SERIES DRAWINGS FOR REQUIREMENTS.
9. PROVIDE 2-GANG JUNCTION BOX WITH 3/4" TO ABOVE ACCESSIBLE CEILING FOR CARD READER. PROVIDE CONDUIT WITH NYLON PULLSTRIPS. PROVIDE BLANK COVERPLATE AT JUNCTION BOX. COORDINATE EXACT LOCATION WITH ARCHITECTURAL TRADES.
10. PROVIDE 2-GANG JUNCTION BOX WITH 3/4" TO ABOVE ACCESSIBLE CEILING FOR DOOR OPERATOR RUSHPAD. PROVIDE CONDUIT WITH NYLON PULLSTRIPS. PROVIDE BLANK COVERPLATE AT JUNCTION BOX. COORDINATE EXACT LOCATION WITH ARCHITECTURAL TRADES.
11. PROVIDE 2-GANG JUNCTION BOX WITH 3/4" TO ABOVE ACCESSIBLE CEILING FOR AIRPHONE. PROVIDE CONDUIT WITH NYLON PULLSTRIPS. PROVIDE BLANK COVERPLATE AT JUNCTION BOX. COORDINATE EXACT LOCATION WITH ARCHITECTURAL TRADES.
12. PROVIDE NEW 200-A-IP CIRCUIT BREAKER AT EXISTING PANEL LP1- AND BRANCH CIRCUIT FOR NEW CONDUIT TO ACCESS CONTROL SYSTEM SHALL BE PROVIDED FROM CU-1 AND IS RATED FOR 120V SINGLE PHASE POWER.

13. CIRCUT NEW MECHANICAL EQUIPMENT TO EXISTING BRANCH CIRCUIT THAT SERVED PREVIOUS EQUIPMENT. EXTEND CONDUIT AND WIRE AS REQUIRED.
14. PROVIDE NEW GENERATOR. REFER TO NEW WORK ONE LINE DIAGRAM ON E5 SERIES DRAWINGS FOR REQUIREMENTS.
15. PROVIDE NEW TRANSFER SWITCHES AND PANELS AS INDICATED. PROVIDE NEW STRUCTURAL STEEL, SUPPORT RACK FOR MOUNTING OF EQUIPMENT.
16. DISCONNECT FEEDER/BRANCH CIRCUIT FROM STARTER AND REMOVE COMPLETE (CONDUIT AND WIRE) BACK TO SOURCE. FEEDER FROM STARTER TO MOTOR TO BE REMOVED FOR REUSE. PROVIDE NEW BRANCH CIRCUIT (CONDUIT AND WIRE) FROM PANEL PP-581 TO PANEL PP-582 ON E5 SERIES DRAWINGS AND SCHEDULES ON SHEET E5.28V FOR CIRCUIT REQUIREMENTS.
17. DISCONNECT ASSOCIATED BRANCH CIRCUIT AT BOLTER AND REMOVE COMPLETE (CONDUIT AND WIRE) BACK TO SOURCE. PROVIDE NEW BRANCH CIRCUIT (CONDUIT AND WIRE) FROM PANEL PP-581. REFER TO PANEL SCHEDULE ON E5 SERIES DRAWINGS AND SCHEDULES ON SHEET E5.28V FOR CIRCUIT REQUIREMENTS.
18. DISCONNECT FEEDER FOR (3PH-0 AND REMOVE COMPLETE (CONDUIT AND WIRE) BACK TO SOURCE. PROVIDE NEW FEEDER (CONDUIT AND WIRE) FROM PANEL PP-581. REFER TO PANEL SCHEDULE ON E5 SERIES DRAWINGS AND SCHEDULES ON SHEET E5.28V FOR CIRCUIT REQUIREMENTS.
19. RECONFIG EXISTING RECEPTACLE TO NEW BRANCH CIRCUIT AS INDICATED. REMOVE ABANDONED CONDUIT AND WIRE AS REQUIRED.
20. NOT USED.



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PRELIMINARY	<input type="checkbox"/>
DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>

DRAWN BY: JRI
CHECKED BY: GJ

REVISIONS:

ADDENDUM NO. 1 01/03

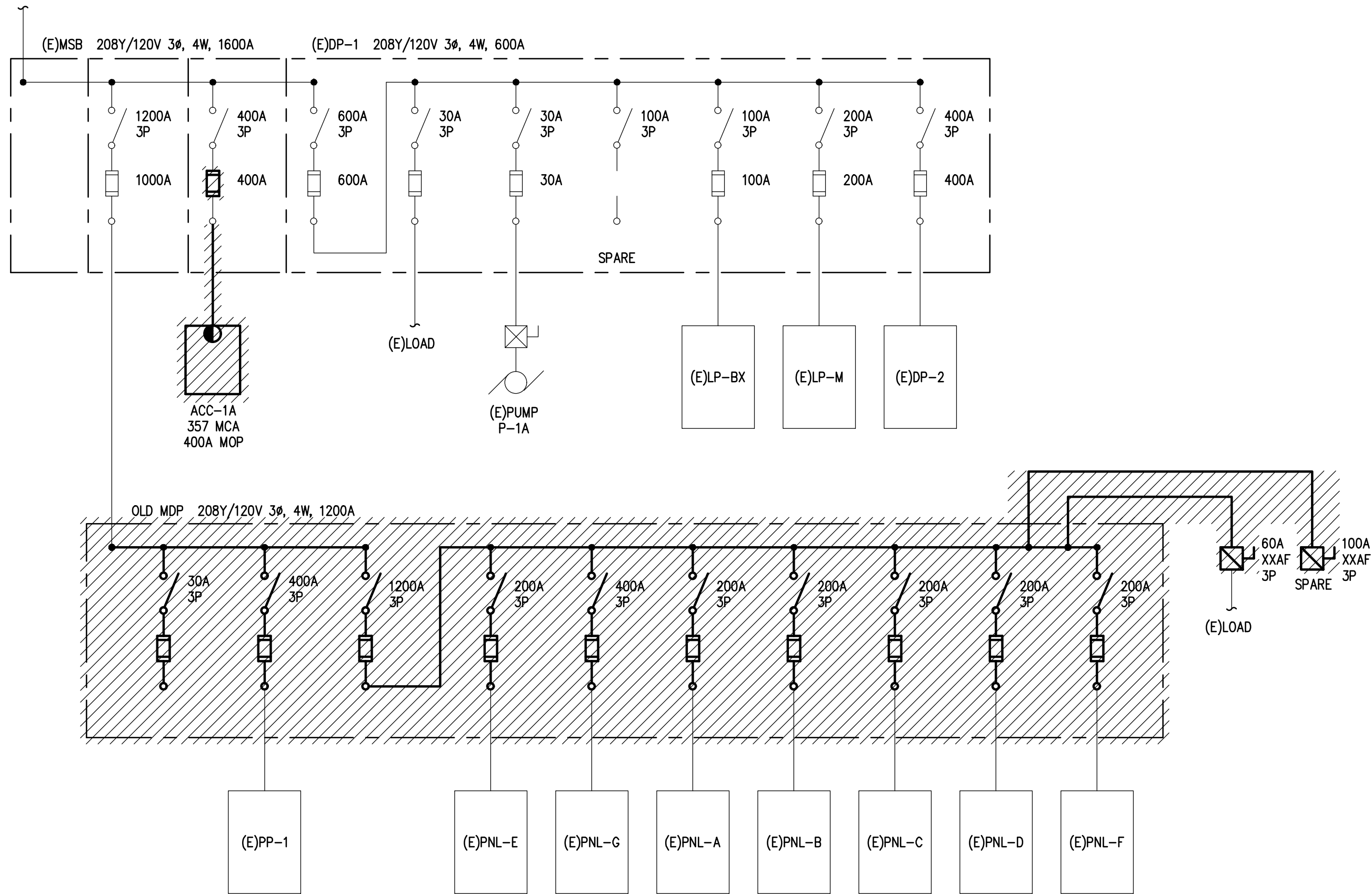
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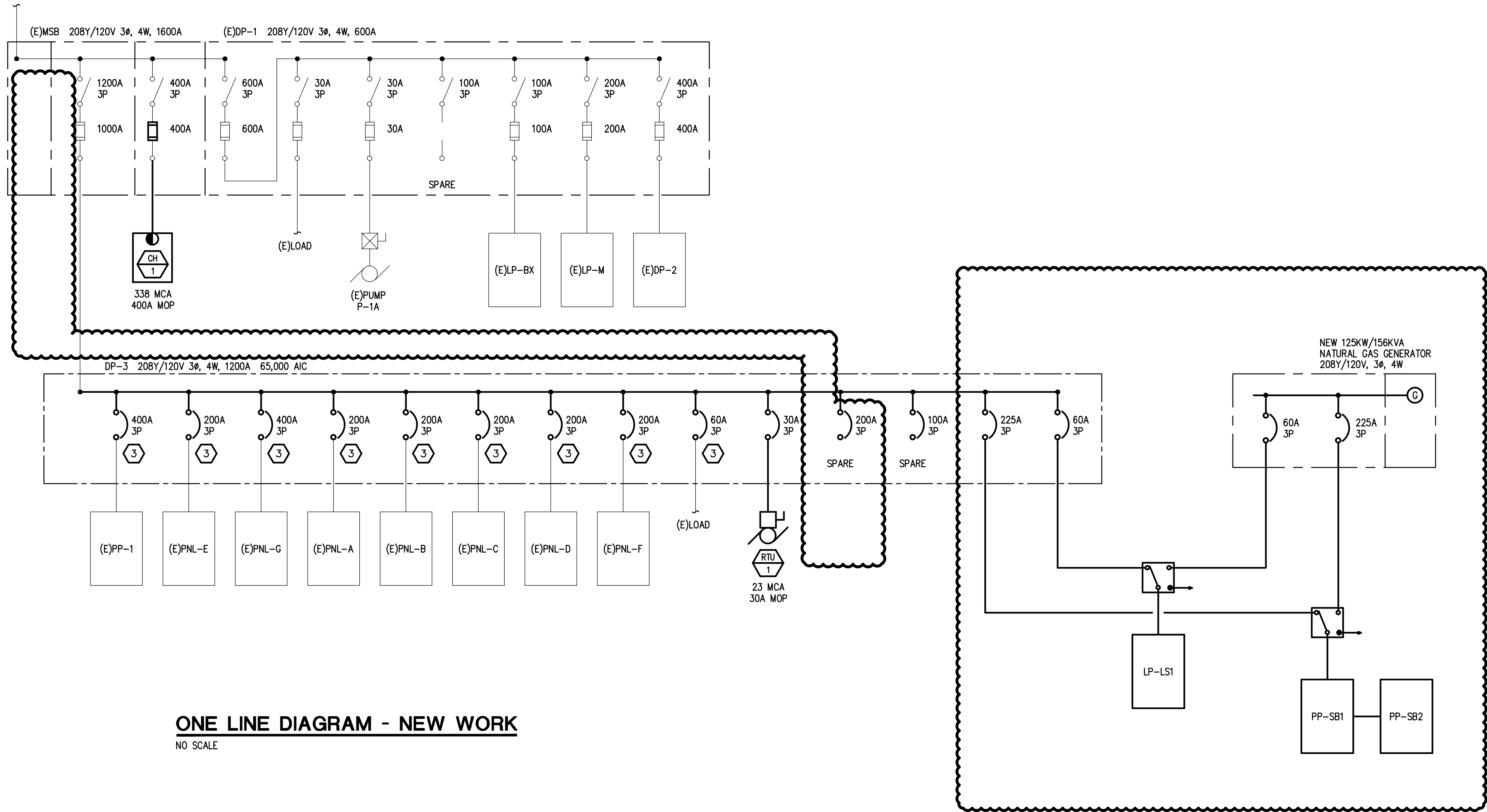
E3.2BV

JOB NO.: 171712A

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ONE LINE DIAGRAM - DEMOLITION
NO SCALE



ONE LINE DIAGRAM - NEW WORK
NO SCALE

BUILDING CONNECTED CALCULATIONS

(E)METERED LOAD = 224 KVA X 125% METERED PER N.E.C. 220.87	280 KVA	ADDITIONAL LOAD TO MDP	
ADDITIONAL LOAD TO MDP	35 KVA	CH-1	122 KVA
TOTAL NEW BUILDING LOAD	315 KVA	RTU-1	8 KVA
		LP-M	33 KVA
		TOTAL ADDED LOAD	163 KVA
		REMOVED LOAD (ACC-1A)	128 KVA
		ADDITIONAL LOAD TO MDP	35 KVA

CONSTRUCTION KEY NOTES:

- NOT USED.
- NOT USED.
- FIELD VERIFY BRANCH CIRCUIT CONDUCTOR SIZES OF OLD MDP AND PROVIDE NEW CIRCUIT BREAKERS IN NEW DP-3 WITH THE BREAKER SIZED BASED UPON THE EXISTING CONDUCTOR SIZES. FIELD VERIFY PRIOR TO ORDERING NEW PANEL DP-3. EXTEND BRANCH CIRCUITING AS REQUIRED.
- NOT USED.

FARMINGTON PUBLIC SCHOOLS - 2015 BOND 2018 PROJECTS KENBROOK & BEECHVIEW ELEMENTARY SCHOOLS

BEECHVIEW ELEMENTARY
SCHOOL
ONE LINE DIAGRAM

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: JRD
CHECKED BY: GJZ

REVISIONS:

APPENDUM NO. 1 01/03/18

DATE: 12-15-17

SHEET NO.:

E5.1BV

JOB NO.: 171712A

GENERAL NOTES:

- THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS, BUT ARE NOT TO BE CONSIDERED FABRICATION DRAWINGS. COORDINATE WITH OTHER TRADES, AND PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS, AND OFFSETS.
- FEEDER AND BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE "FEEDER AND BRANCH CIRCUIT SIZING SCHEDULE-GENERAL PURPOSE" ON THE "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS SPECIFICALLY NOTED OTHERWISE.
- TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE "TRANSFORMER CIRCUIT SIZING SCHEDULE-GENERAL PURPOSE" ON THE "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS SPECIFICALLY NOTED OTHERWISE.
- MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH THE MOTOR CIRCUIT SIZING SCHEDULES ON THE "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS SPECIFICALLY NOTED OTHERWISE.
- BASIS OF DESIGN IS SIEMENS DISTRIBUTION EQUIPMENT AND ASCO TRANSFER SWITCHES. IF THE CONTRACTOR ELECTS TO PROVIDE EQUIPMENT FROM OTHER APPROVED MANUFACTURERS, THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE LAYOUT AND CLEARANCE REQUIREMENTS IN ALL SPACES CONTAINING ELECTRICAL EQUIPMENT AND PROVIDE EQUIPMENT MEETING THE SPECIFICATIONS AND ACHIEVING CODE REQUIRED CLEARANCES WITHIN THE SPACE PROVIDED.
- BRANCH CIRCUIT CONDUCTORS, FEEDERS, AND BRANCH CIRCUIT OVERCURRENT PROTECTION ARE SIZED AT 125% OF THE TOTAL CONTINUOUS AND NON CONTINUOUS LOAD FOR LIGHTING AND MOTOR LOADS THAT RUN CONTINUOUSLY FOR THREE HOURS OR MORE (NEC 210.19 A, 210.20 A, AND 210.2 A). DEMAND AND CONNECTED LOADS ARE CALCULATED PER NEC 220.
- VARIABLE FREQUENCY CONTROLLERS (VFC) FURNISHED BY MECHANICAL TRADES. ELECTRICAL CONTRACTOR SHALL INSTALL VFC, PROVIDE POWER FEEDER FROM DISTRIBUTION EQUIPMENT TO VFC AND PROVIDE POWER FEEDER FROM VFC TO MOTOR. REFER TO SPECIFICATIONS FOR APPLICATION OF VFC POWER CABLE FROM VFC TO MOTOR.

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1. EXTEND/MODIFY EXISTING CW/HW/SAN PIPING AS REQUIRED TO FACILITATE THE INSTALLATION OF NEW FIXTURES. SAW CUT AND PATCH FLOOR TO EXTEND EXISTING UNDERGROUND SANITARY.
2. PROVIDE NEW ISOLATION VALVE AT NEW CW BRANCH CONNECTIONS.
3. PROVIDE NEW DOMESTIC COLD WATER PIPING. REFER TO WATER METER ASSEMBLY DETAIL.
4. RELOCATE GAS METER ASSEMBLY OUTSIDE IN CHILLER ENCLOSURE. REFER TO NATURAL GAS PIPING DIAGRAM M5.2BV. RECONNECT TO EXISTING GAS PIPE IN BOILER ROOM.
5. SNAKE SAN PIPING UPON COMPLETION OF CONSTRUCTION.
6. CONNECT NEW 2 VENT PIPE TO EXISTING VENT THROUGH ROOF.
7. CAP SAN PIPE BELOW FLOOR IN A CONCEALED MANOR.
8. ROUTE A GAS TO NEW GENERATOR. MOUNT GAS PIPE ONTO ENCLOSURE WALL.
9. EXTEND EXISTING SAN CLEAN OUT PIPING TO BACK OF FALSE LOCKER.

