ADDENDUM

Public Building Commission of Chicago | Richard J. Daley Center | 50 West Washington Street, Room 200 | Chicago, Illinois 60602 | (312) 744-3090 | pbcchicago.com

ADDENDUM NO.: **01**

PROJECT NAME: **Skinner West Elementary School Annex**

PROJECT NO.: **05045**

CONTRACT NO.: **C1579**

DATE OF ISSUE: **July 25, 2017**

NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum. Issued Addenda represent responses/clarifications to various inquiries. Contractors shall be responsible for including all associated labor/material costs in its bid. Drawings/specifications corresponding to inquiry responses will be issued with the Issue for Construction Documents, upon issuance of building permit.

ITEM NO. 1: **CHANGE TO KEY DATES**
None.

ITEM NO. 2: **REVISIONS TO BOOK 1 – PBC INSTRUCTIONS TO BIDDERS**
None.

ITEM NO. 3: **REVISIONS TO BOOK 2 – PBC STANDARD TERMS AND CONDITIONS**
None.

ITEM NO. 4: **REVISIONS TO BOOK 3 – TECHNICAL SPECIFICATIONS**

Change 1 **Book 3 – Volume 1** – **DELETE:** Section 08 71 00 Door Hardware **INSERT:** Section 08 71 00 rev. Door Hardware attached herein w/ revised schedule.

Change 2 **Book 3 – Volume 2** –Section 23 52 16 Condensing Boilers. 2.1 MANUFACTURERS **ADD:** A.5. Viessmann.

ITEM NO. 5: **REVISIONS TO DRAWINGS**

Change 1 **REVISED** Detail No. 1/A7.05, ENLARGED PLAN FOURTH FLOOR TOILET ROOM. Detail No. 13/A7.05, INTER. ELEV. FOURTH FLOOR TOILT ROOM ENTRY. –DF added. Per attached ADD1-SK.01

Change 2 **CLARIFICATION:** Sheet A7.09. Removal of Solid Surface Material notation on 2nd floor corridor. Dimensional clarification for tackboard. Per ADD1-SK.02

Change 3 **CLARIFICATION:** Sheet A7.09. Clarification of solid surface wall material locations. Per attached ADD1-SK.03

Change 4 **CLARIFICATION** Drawing Sheets A6.01, A6.02, A6.03, A6.05, A6.06. DETAIL KEYNOTE LEGEND. Keynote 101A shall read: "Continuous Bituminous Damp Proofing on face of structural concrete wall, vapor retarding, run over top of concrete at all parapets and lap w/roofing membrane on inside of parapet, provide elastomeric flashing sheet to span all moving jts.; refer to typical details."

Change 5 **CLARIFICATION** Drawing Sheets A6.01, A6.02, A6.03, A6.05, A6.06. DETAIL KEYNOTE LEGEND. Keynote 108 C shall read: "Continuous Bituminous Damp Proofing on face of CMU."

Change 6 **ADD:** Demolition/Removal Note D28 on Sheet E0.00. Per attached ESK.01

Change 7 **ADD:** Demolition/Removal Note D28 to Stair 2 Sheet E1.03. Per attached ESK.01

Change 8 **REVISE:** Reference work to Remote Fire Alarm Annunciator Panel and Sprinkler Supervisory Annunciator Panel on Detail 2/E0.07 on sheet E1.01A. Per attached ESK.02

Change 9 **REVISE:** Note on Sprinkler Supervisory Annunciator Panel on Detail 2/E0.07 on sheet E0.07. Per attached ESK.03

Change 10 **ADD:** One additional drinking fountain on Sheet P1.04. Per attached PSK.01

Change 11 **REVISE:** Drinking fountain piping diagrams on Sheet P3.00. Per attached PSK.02

Change 12 **REVISE:** Plumbing fixture schedule on Sheet P4.00. Per attached PSK.03

Change 13 **REVISE:** Sprinkler layout in Stair 2 (Third floor) on Sheet FP1.03. Per attached FPSK.01

ITEM NO. 6: REQUESTS FOR INFORMATION

RFI-1.
Question: **Who is the person responsible for writing your specifications?**
Response: **The Architect of Record prepared the specifications, in accordance with CPS' design standards.**

RFI-2.
Question: **For the road closure during the project, who will be responsible for any fees due to CDOT?**
Response: **Contractor shall be responsible for all costs associated with any required P.R.O.W. closure permits and approvals, including, but not limited to sidewalk, street, driveway, and fire lane closures.**

RFI-3.
Question: **For the laydown area, will the Chicago Park District being charging any fees for using the area? If so who will be responsible for those fees?**
Response: **Contractor shall be responsible for preparing and submitting the access permit to the Park District for approval. Contractor shall be responsible for any/all associated fees and costs.**

RFI-4.
Question: **Is the Skinner West project procurement under the "Buy America Act"?**
Response: **The Skinner West contract is not under the "Buy American" Act. However, in accordance with the Contract Documents, Contractor shall comply with the Steel Products Procurement Act. (30 ILCS 565/). All other fixtures, equipment, material, etc., shall be procured, delivered, and installed, as specified.**

RFI-5.
Question: **Reference sheet A10.00 signage schedule & details. There are five 2" diameter disk signs (A-E) that don't call out what they are made from in the drawings or in specs. What material are they made from or are they just decals?**
Response: **These are 2' 0" diameter signs as per drawing A10.0. Manufacturer of the same materials as the other signs.**

RFI-6.
Question: **Will staging area access be allowed at multiple points along the fire lane walk between Adams and Monroe? i.e. will gate access off the sidewalk be allowed along the long face of the staging area?**
Response: **Yes. Contractor shall comply with the phasing requirements, as listed in drawing G3.00. Upon contract award and issuance of the Notice to Proceed, Contractor shall prepare its mobilization/logistics plan, for review and approval.**

RFI-7.
Question: **Will the alley to the east of the project be available for closure to complete work?**
Response: **No. The alley must be allowed public access and be maintained throughout the duration of construction.**

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RFI-8.

Question: **Please confirm all work in the existing building can be completed during normal working hours when students are out for the summer.**

Response: **Construction work is scheduled to begin in September of 2017 (after students return from Summer Break). Contractor will coordinate with CPS/PBC for any work inside existing building during school hours. Refer to phasing diagram G.003 for timeline requirements. Per CPS guidelines, no environmental work (e.g. abatement) can occur when students are in the building.**

RFI-9.

Question: **Please see Specification 08 71 00 Door Hardware, Pages 08 71 00-13 through 08 71 00-24, As well as, please see Drawing A8.02 pertaining to the Door Schedule specifically the column regarding the hardware set associated with each door being installed.**
In the specification Hardware sets #1-#49 are called out with specific material and model numbers, But the Door Schedule column regarding the hardware sets listed on page A8.02 of the drawings, has numbers listed that do not correspond with the sets called out in the specification. Please revise the door schedule to correspond with the Door Hardware specification.

Response: **A revised 08 71 00 Hardware specification section, including a revised hardware schedule, is included in this Addendum.**

RFI-10.

Question: **The elevations for the 1st and 2nd floor corridors show solid surface material to be applied to the walls as detailed, but the finish plans on sheet A9.01 and A9.02 contradict the locations of where to apply solid surface panes. Please advise.**

Response: **Solid surface material is only specified in the Corridor on the 1st floor. No solid surface is required on 2nd floor. Please refer to sketch ADD1—SK.03 of this Addendum.**

RFI-11.

Question: **On the detail Keynote Legend, Keynote 100-A calls for a Continuous water resistant barrier, Air and Vapor barrier. There is a spec section for air barriers that call for a Tyvek Wrap. Also Keynote 101-A calls for a water resistant barrier fluid applied. There is no spec section for fluid applied liquid barriers. Do the exterior walls get the Tyvek wrap or is there a fluid applied barrier? If so there is no spec section for it.**

Response: **Keynote 101A should read "Bituminous Dampproofing", not fluid applied barrier. Please refer to revised drawing sheets A6.01, A6.02, A6.03, A6.05, and A6.06 of this Addendum.**

RFI-12.

Question: **Is there any opportunity for another walkthrough of the school sometime this week?**

Response: **PBC will host a 2nd Site Visit on Friday, July 28, 2017 at 10:00 a.m. Meeting will begin promptly at 10:00 a.m.; therefore, Contractors are to meet with PBC Representative(s) at the Main Entrance of the Skinner West Elementary School by 9:50 a.m. The Site Visit is not mandatory.**

List of Attachments and Drawings:

(Available at Cross Rhodes Online Planroom: http://www.x-rhodesplanroom.com/)

This Addendum includes the following attached Specifications and/or Documents:

1. Book 1 - Specification Section 08 71 00 Door Hardware - rev

This Addendum includes the following attached Architectural Drawings:

1. Sketch ADD 1 – SK.01, dated 07/24/17.
2. Sketch ADD 1 – SK.02, dated 07/24/17.
3. Sketch ADD 1 – SK.03, dated 07/24/17.
4. Drawing A6.01 ENLARGED DETAILS.
5. Drawing A6.02 ENLARGED DETAILS.
6. Drawing A6.03 ENLARGED DETAILS.
7. Drawing A6.05 ENLARGED DETAILS.
8. Drawing A6.06 ENLARGED DETAILS.

This Addendum includes the following attached Electrical Sheets:

1. Sketch ADD 1 ESK.01 dated 07/24/17.
2. Sketch ADD 1 ESK.02 dated 07/24/17.
3. Sketch ADD 1 ESK.03 dated 07/24/17.

This Addendum includes the following attached Plumbing Sheets:

1. Sketch ADD 1 PSK.01 dated 07/24/17.
2. Sketch ADD 1 PSK.02 dated 07/24/17.
3. Sketch ADD 1 PSK.03 dated 07/24/17.

This Addendum includes the following attached Fire Protection Sheets:

1. Sketch ADD 1 FPSK.01 dated 07/24/17.

END OF ADDENDUM NO. 01

SECTION 08 71 00

DOOR HARDWARE - rev

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes finish hardware as required and as specified.

1.2 SUBMITTALS

A. Product Data: Submit manufacturers technical product data for each item of hardware. Include whatever information may be necessary to show compliance with requirements, and include instructions for installation and for maintenance of operating parts and finish.

B. Hardware Schedule: Submit finish hardware schedule in a vertical format separate from door and frame schedule, conforming to "Sequence and Format for the Hardware Schedule" published by the Door and Hardware Institute (DHI). Horizontal and coded schedules are not acceptable.

1. Finish Hardware Schedule Content: Based on finish hardware indicated, organize hardware schedule into "hardware sets" indicating complete designations of every item required for each door or opening. Schedules not having the following information will be rejected:

   a. Type, style, function, size and finish of each hardware item.
   b. Name and manufacturer of each item.
   c. Fastenings and other pertinent information.
   d. Location of hardware set cross-referenced to indications on Drawings both on floor plans and in door and frame schedule.
   e. Explanation of all abbreviations, symbols, codes, etc. contained in schedule.
   f. Mounting locations for hardware.
   g. Door and frame sizes and materials.

2. All hardware for Aluminum doors shall be grouped and segregated from other hardware in the schedule, and may be processed separately. Only the portion of hardware schedule pertaining to Aluminum doors and frames should be forwarded to the aluminum door contractor.
3. Submit schedule at earliest possible date, particularly where acceptance of hardware schedule must precede fabrication of other work (e.g., hollow metal frames) that is critical in the project construction schedule. Include with schedule the product data, samples, shop drawings of other work affected by finish hardware, and other information essential to the coordinated review of hardware schedule. Review and acceptance by the Owner or Architect does not relieve Contractor of responsibility to fulfill requirements of Contract Documents.

C. Samples: Prior to submittal of the final hardware schedule and prior to final ordering of finish hardware, submit one sample of each type of exposed hardware unit, finished as required, and tagged with full description for coordination with schedule.

1. Samples may be retrieved by the supplier. Units that 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. Templates: Furnish hardware templates to each fabricator of doors, frames and other work to be factory-prepared for the installation of hardware. Upon request, check shop drawings of such other work, to confirm that adequate provisions are made for proper location and installation of hardware.

E. Keying Schedule: Submit keying schedule after meeting with Owner's agent for keying instructions.

F. Electrified Hardware Coordination: Where electric strikes, magnetic locks, low energy door operators are listed, provide power supplies by the device manufacturer and wiring diagrams for all items, whether listed in the sets or not. Provide elevations of each system showing locations for each item and description of system operation. Coordinate with electric contractor.

1.3 QUALITY ASSURANCE

A. Manufacturer: Obtain each type of hardware (latch and lock sets, hinges, closers, etc.) from only one manufacturer, although several may be indicated as offering products complying with requirements.

B. Supplier: A recognized architectural finish hardware supplier, with warehousing facilities, who has been furnishing hardware in the project's vicinity for a period of not less than 2 years, and who is, or employs an experienced architectural hardware consultant who is available, at reasonable times during the course of the work, for consultation about project's hardware requirements, to Owner, Architect and Contractor.

C. Fire-Rated Openings: Provide hardware for fire-rated openings in compliance with NFPA Standard No. 80 and local building code requirements. Provide only hardware that has been tested and listed by UL or FM or WHI for types and sizes of doors required and complies with requirements of door and door frame labels.

1. Exit Devices: Where required on fire-rated doors (with supplementary marking on doors' UL, FM, or WHI labels indicating "Fire Door to be Equipped with Fire Exit Hardware") provide UL, FM, or WHI label on exit devices indicating "Fire Exit Hardware".
2. Fire exit devices and door closers shall be certified to be in compliance with UBC7.2 and UL 10C.

1.4 PREINSTALLATION CONFERENCE:

A. Conduct preconstruction conference at the project site in compliance with requirements of Division 01 Section "Project Management and Coordination.

B. Contractor shall notify hardware supplier two weeks prior to beginning of hardware installation to set up pre-installation meeting with installation carpenters. Hardware supplier shall provide a qualified Architectural Hardware Consultant to personally meet with, and instruct installers on job site in proper techniques for installation and adjustment of locks, closers and exit devices, and advise on required wire types and gauges for access control/electrical locking hardware.

1. Lock, Door Closer and Exit Device Manufacturer's representative shall be available for a post installation walk and punch list assistance on behalf of the General Contractor, Architect and Owner.
2. Review electrical roughing-in and preparatory work.
3. Review construction keying and final keying.

1.5 DELIVERY, STORAGE AND HANDLING

A. Tag each item or package separately, with identification related to final hardware schedule, and include basic installation instructions with each item or package.

B. Inventory hardware jointly with representatives of the hardware supplier and the hardware installer until each is satisfied that the count is correct.

C. Deliver individually packaged hardware items at the proper times to the proper locations (shop or project site) for installation.

D. Provide secure lock-up for hardware delivered to the project, but not yet installed. Control handling and installation of hardware items that are not immediately replaceable, so that completion of the work will not be delayed by hardware losses, both before and after installation.

PART 2 - PRODUCTS

2.1 SCHEDULED HARDWARE

A. Requirements for design, grade, function, finish, size and other distinctive qualities of each type of door hardware item is indicated in the Schedule of Hardware sets.

B. Manufacturer's Product Designations: A manufacturer's symbol in the hardware sets indicates whose product designation is used in the Schedule of Hardware Sets for purposes of establishing minimum requirements. Provide either the product designated, or, where more than one manufacturer is listed, the comparable product of one of the other manufacturers that comply with requirements including those specified elsewhere in this section.

C. ANSI/BHMA designations used elsewhere in this section or in schedules to describe hardware items or to define quality or function are derived from the following standards. Provide products complying with these standards and requirements specified elsewhere in this section.

1. Butts and Hinges: ANSI/BHMA A156.1.
2. Locks & Lock Trim: ANSI/BHMA A156.13.
3. Exit Devices: ANSI/BHMA A156.3.
4. Door Controls - Closers: ANSI/BHMA A156.4.
5. Auxiliary Locks: ANSI/BHMA A 156.5.

6. Architectural Door Trim: ANSI/BHMA A156.6.
7. Template Hinge Dimensions: ANSI//BHMA A156.7.
8. Door Controls - Overhead Holders: ANSI/BHMA A156.8.
9. Closer Holder Release Devices: ANSI/BHMA A156.15.
10. Auxiliary Hardware: ANSI//BHMA A156.16.
11. Materials & Finishes: ANSI/BHMA A156.18.
12. Power Assist and Low Energy Operated Door: ANSI/BHMA 156.19.
13. Thresholds: ANSI/BHMA A156.21.
14. Door Gasketing Systems: ANSI/BHMA A156.22.
15. Continuous Hinges: ANS/BHMA 156.26.

2.2 MATERIALS AND FABRICATION, GENERAL

A. Hand of door: Drawings show direction of slide, swing or hand of each door leaf. Furnish each item of hardware for proper installation and operation of door movement shown.

B. Manufacturer's Name Plate: Do not use manufacturer's products that have manufacturer's name or trade name displayed in a visible location (omit removable nameplates), except in conjunction with required UL labels and as otherwise acceptable to Architect.

C. Manufacturer's identification will be permitted on rim of lock cylinders, and armor front.

D. Base Metals: Produce hardware units of basic metal and forming method indicated, using manufacturer's standard metal alloy, composition, temper and hardness, but in no case of lesser quality than specified for the applicable hardware units by applicable ANSI A156 series standard for each type hardware and with ANSI A156.18 for finish designations indicated. Do not furnish "optional" materials or forming methods for those indicated, except as otherwise specified.

E. Fasteners: Provide hardware manufactured to conform to published templates, generally prepared for machine screw installation. Do not provide hardware that has been prepared for self-tapping sheet metal screws, except as specifically indicated.

F. Furnish screws for installation, with each hardware item. Provide Phillips flat-head screws except as otherwise indicated. Finish exposed (exposed under any condition) screws to match hardware finish or, if exposed in surfaces of other work, to match finish of such other work as closely as possible, including "prepared for paint" in surfaces to receive painted finish.

G. Provide concealed fasteners for hardware units that are exposed when door is closed, except to extent no standard units of the type specified are available with concealed fasteners. Do not use thru-bolts for installation where bolt head or nut on the opposite face is exposed in other work, except where it is not feasible to adequately reinforce the work. In such cases, provide sleeves for each thru-bolt or use sex screw fasteners.

2.3 HARDWARE FINISHES

A. Provide matching finishes for hardware units at each door or opening, to the greatest extent possible, and except as otherwise indicated. Reduce differences in color and textures as much as commercially possible where the base metal or metal forming process is different for individual units of hardware exposed at the same door or opening. In general, match items to the

manufacturer's standard finish for the latch and lock set (or push-pull units if no latch- lock sets) for color and texture.

B. Provide finishes that match those established by BHMA as indicated in the hardware schedule or, if none indicated, match the finish to which the item is applied.

C. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness and other qualities complying with manufacturer's standards, but in no case less than specified for the applicable units of hardware by referenced standards.

D. Finish Designations: Scheduled designations refer to ANSI A156.18 "Materials & Finishes Standard", including coordination with the traditional U.S. finishes shown by certain manufacturers for their products.

2.4 HINGES, BUTTS

A. Templates: Except for hinges and pivots to be installed entirely (both leaves) into wood doors and frames, provide only template- produced units.

B. Screws: Furnish Phillips flat-head or machine screws for installation of units, except furnish Phillips flat-head or wood screws for installation of units into wood. Finish screw heads to match surface of hinges or pivots.

C. Hinge Pins: Except as otherwise indicated in the hardware schedule, provide hinge pins as follows:

1. Material: Stainless steel pins.
2. Exterior Doors: Non-removable pins (NRP).
3. Interior Doors: Non-removable pins (NRP).
4. Tips: Flat button and matching plug, finished to match leaves.
5. Number of Hinges: Provide number of hinges indicated but not less than 3 hinges for door leaf for doors 90 inches or less in height and one additional hinge for each 30 inches of additional height.
6. All hinges shall be ball bearing type.
7. Provide safety stud and locking hole for hinges where scheduled.

D. Manufacturer, (Butts): Subject to compliance with requirements, provide products of one of the following:

1. Bommer Industries.
2. Hager Hinge Co.
3. McKinney Mfg. Co.; Assa Abloy Co.
4. PBB, Inc.
5. Stanley Hardware.

E. Manufacturer, (Geared Continuous Hinges): Provide products having UL listed units equal to or better than the rating of the opening of one of the following manufacturers:

1.	ABH, Inc.	4240HD series
2.	Hager/Roton	780-224-HD series
3.	Pemko	FMHD series

4.	Select Products	SL-24-HD series
5.	Stanley	520 series
6.	Zero	914DB series

2.5 LOCK CYLINDERS AND KEYING

A. General: Supplier shall meet with Owner to finalize keying requirements and obtain final instructions in writing. Comply with Owner's instructions for master keying and except as otherwise indicated, provide individual change key for each lock which is not designed to be keyed alike with a group of related locks.

B. Standard System: Except as otherwise indicated, provide new master key system for project. The following is standard system for keying hierarchy per CPS MASTER KEY ORGANIZATION.

1. Great grand master
2. Grand master: Principal and Building Engineer.
3. Sub Master for the following areas and conditions:

    a. Exterior doors.
    b. Special Rooms: Including rooms such auditorium, gymnasium and special use classrooms.
    c. Single User Keys: Teacher's classroom key.

C. All cylinder cores shall be keyed at the factory by the cylinder manufacturer where records will be established and maintained.

D. Provide construction cores and keys during the construction period. Construction control and operating keys and cores shall not be part of the Owner's permanent key system or be furnished on the same key way as the Owner's permanent key system. Permanent core and keys shall be furnished by the hardware supplier direct to the Contractor as specified in Part 3. All cylinders shall be not less than six (6) pin interchangeable core and keyed into a new factory registered Grand Master Key System with a restricted key way.

E. All cylinders shall be not less than six (6) pin interchangeable core keyed to the existing (insert manufacturer) registered Grand master Key system.

F. Permanent keys shall be stamped with the key system symbol (VKC). Do not mark the keys with the cylinder biting. Permanent cores shall be marked with the key system symbol in such a manner that the mark is not visible when the core is installed in the cylinder (CVKC).

G. Except where otherwise specified, locksets, cylinders and cores shall be by the same manufacturer, to assure proper operations.

H. During construction, all cylinder cores shall be keyed alike. The Contractor shall receive three (3) copies of this key. Under no circumstances shall the Contractor receive any of the permanent building master keys or changes keys. The construction master key shall operate on no less than six (6) pins.

1. Quantity of Keys:

a. 3 Great Grand Master.
b. 3 Grand Master Keys.
c. 3 Master Keys.
d. 3 Keys per lock or cylinder.
e. 50 key blanks.
f. 3 Control keys.

I. Provide two key control systems, including envelopes, labels, tags with self locking key clips, receipt forms, 3-way visible card index, temporary markers and standard metal cabinet, all as recommended by system manufacturer with capacity for 150% of the number of locks required for the project.

1. The hardware supplier shall set up complete cross index system and place keys on markers and hooks in the cabinet as determined by the final key schedule.

J. Provide two hinges type wall mounted key cabinets for the above system to be installed as directed by the Owner.

2.6 LOCKS, LATCHES AND BOLTS

A. Strikes: Provide manufacturer's standard wrought box strike for each latch or lock bolt, with curved lip extended to protect frame, finished to match hardware set.

1. Foot Bolts: Provide dust-proof strikes, except where special threshold construction provides non-recessed strike for bolt.
2. Roller Strikes: Provide where recommended by manufacturer of the latch and lock units.

B. Mortise Locks:

1. Locks shall have all functions available in one size case, manufactured from heavy gauge steel, minimum thickness 3/32 inch, completely chrome plated for corrosion resistance and lubricity of parts. Cases shall be closed on all sides to protect internal parts. Locks shall have adjustable, beveled and armored fronts, secured with spanner head security screws. Standard 2-3/4 inch backset convertible from one function to another, with a full 3/4 inch throw two-piece, or approved one-piece anti-friction latch bolt and 1" throw dead bolt with hardened steel insert and available for a minimum door thickness of 1-3/4 inch. Internal parts shall be heavy gauge steel, zinc dichromate-plated and nickel steel hubs.
2. All locksets with latch bolts, regardless of trim, shall be listed by UL for A and lesser labeled doors, single or pairs.
3. Lock trim shall be solid stainless steel levers with wrought rose, through bolted through the lock case to assure correct alignment.
4. Lockset shall conform to, and be certified as meeting, ANSI A156.13 Grade 1 requirements.
5. Subject to compliance with specifications, provide one of the following:

a.	Best Lock; Stanley Works, Inc.	45H-14H series
b.	Corbin Russwin ; Assa Abloy Co.	ML2000 LSA series
c.	Sargent; Assa Abloy Co.	8200 LNJseries
d.	Schlage;Ingersoll-Rand Co.	L9000-B03 series
e.	Yale Security; Assa Abloy Co.	CRR 8800FL series

C. Exit Devices:

1. Surface applied rim, mortise and vertical rod exit devices shall be available as a complete series, listed in UL "Accident Equipment List-Panic Hardware" and "Fire Exit Hardware". All devices shall be the modern push type. These devices shall have met Performance Test Requirements in accordance with ANSI Standard A156.3 for Grade 1 exit devices. All exit devices shall be furnished with thru-bolts and sex nuts. Provide cylinder dogging for all devices except “Fire Exit Devices”
2. Rim exit device for single doors and pairs of doors with fixed or removable mullions shall be equipped with one of the following type of latch bolts, deadlocking, guarded or square bolt with a minimum 3/4 inch throw.
3. All rim exit devices for pairs of doors with fixed or removable mullion shall have two-piece interlocking stabilizer blocks installed above and below the latch case.
4. Exit devices shall be the type, function, and design as listed in the schedule of finish hardware sets and shall have a manufacturer’s warranty of five (5) years.
5. Removable Mullions:

    a. Constructed of 2 inch by 3 inch steel tubing prepared to receive the required strike plates.
    b. The top mounting shall be self-locking key removable type.
    c. Provide a wall mounted storage mount for each mullion by the same manufacturer.
    d. Provide stainless steel bottom floor fitting.
    e. Provide stabilizers above and below each exit device latch case.
    f. Provide factory applied paint finish conforming to ANSI/BHMA 689.

6. Subject to compliance with specifications, provide one of the following:

    a. Precision; Prevision Co. Apex Series
    b. Sargent; Assa Abloy Co. 80 Series
    c. Yale Security; Assa Abloy Co. 7000 Series
    d. Von Duprin; Ingersoll-Rand Co. 98 Series

D. Multi-Point Lock: Three point lock.

1. Description: Three 1/2 inch x 1 inch solid steel bolts with 3/4 inch throw; 16 gauge galvanized steel case; 12 gauge plated steel strikes; 3 inch backset.
2. Function: Levers on both sides of lock. Turning lever retracts bolts in unison. Bolts are held retracted and are released when door closes.
3. Acceptable Product/Manufacturer: Lock 301C; Wm. J. Perkinson Co., Inc.

2.7 PUSH/PULL UNITS

A. Concealed Fasteners: Provide manufacturer's special concealed fastener system for installation; through-bolted for matched pairs, but not for single units. Pulls to have 2-1/2 inch clearance from face of the door to the underside of the pull.

B. Acceptable Manufacturers: Subject to compliance with requirements, provide products by the following:

1. Rockwood.
2. Hager.

3. Ives.
4. Trimco.
5. Hiawatha.

2.8 CLOSERS AND DOOR CONTROL DEVICES

A. Closers shall be rack and pinion construction with both rack and pinion of heat treated steel and with a cast iron or cast aluminum case. Closing the door will be controlled by 2 valves, one to control closing speed and one to control latching speed. Closers shall be regularly furnished with fully adjustable backcheck allowing approximate 70 degrees backcheck on both regular and parallel are closers. Delayed action shall be available. Valves shall be concealed against unauthorized adjustment and non-critical needle valve type. Spring power adjustment shall be standard with an adjustment size 1 to size 6. Closers shall be surface applied with rectangular metal covers, void of manufacturers' trademarks. All door closers intended to be mounted to the door shall be furnished with thru-bolts and sex nuts.

B. Closers shall be certified as meeting the ANSI A156.4 Grade 1 requirements, be listed by UL for all classes of labeled doors and shall have a manufacturer’s warranty of ten (10) years.

C. Size of units: Except as otherwise specifically indicated, comply with the manufacturers recommendations for size of door control unit depending upon size of door, exposure to weather and anticipated frequency of use.

1. Provide heavy duty arms.
2. Provide spring cushion stops on parallel arm closers.
3. Provide heavy duty dead stop parallel arms on doors equipped with electric hold open/release devices.
4. Provide all necessary plates, brackets, arms and shoes required for proper installation of closer.

D. Acceptable Manufacturers:

1. LCN 4040 Series.
2. Norton 7500 Series.
3. Sargent 281 Series.

E. Door Holder/Release: Provide electric holder/release meeting the requirements of ANSI Standard A156.15.

1. Holder/release: Surface, wall-mounted
2. Door Armature: Cast aluminum furnished with Through-bolted and sex nuts with the projection required for wall and door conditions. Armatures requiring rod or tube extensions are not acceptable. Where required to make contact, provide shims of the same material and shape as the armature base.
3. Electric boxes, conduit and wiring to be provided under Division 26.
4. Voltage to be as required under Division 26.
5. Acceptable manufacturers:

a.	LCN	SEM7800 Series and SHE Series
b.	Sargent	1500 Series
c.	Rixson	900 Series

2.9 DOOR TRIM UNITS

A. Kick Plates, Mop Plates, Armor Plates: Stainless steel, 0.050 inch thick, beveled three sides.

B. Fasteners: Provide manufacturer's standard exposed fasteners for door trim units (kick plates, edge trim, viewers, knockers, mail drops and similar units); either machine screws or self-tapping screw.

C. Door protection plates shall be stainless steel 18-8 type 302, 0.050 inch thick, beveled three sides with vertical finish grain.

2.10 STOP AND HOLDERS

A. Provide wall mounted door stops and wall mounted door stop and holders as required to protect the wall and door lever.

1. Wall door stops: BHMA Type L52261.
2. Door Holders, Interior Doors: BHMA Type L1191.
3. Door Holders, Exterior doors: BHMA Type L11271.

B. Acceptable Manufacturers:

1. Rockwood Mfg. Co.
2. Hager.
3. Architectural Builders Hardware (ABH).
4. Trimco.
5. Ives.

2.11 THRESHOLDS, WEATHER SEALS AND RAIN DRIPS

A. Provide thresholds and weather seals on all exterior doors as scheduled.

B. Acceptable Manufacturers:

1. National Guard Products.
2. Pemko.
3. Hager.
4. Zero.
5. Reese.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Mounting Locations: As indicated in "Recommended Locations for Builders Hardware for Standard Steel Doors and Frames" by the Door and Hardware Institute, and "ADA Accessibility Guidelines for Buildings and Facilities", except as specifically indicated or required to comply with governing regulations, and except as may be otherwise directed by Architect.

B. Install each hardware item in compliance with the manufacturer's instructions and recommendations. Wherever cutting and fitting is required to install hardware onto or into

surfaces that are later to be painted or finished in another way, coordinate removal, storage and reinstallation or application of surface protections with finishing work specified in the Division-9 sections. Do not install surface-mounted items until finishes have been completed on the substrate.

C. Install door hardware units using fasteners provided by the manufacturer as specified.

1. Hinges: Phillips flat head wood screws into wood Phillips flat head machine screws into metal.
2. Exit devices: Through bolts and sex nuts.
3. Closers Through bolts and sex nuts.
4. Door holder/release; armature mounted with through bolts and sex nuts.

D. Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.

E. Drill and countersink units that are not factory-prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.

F. Set thresholds for exterior doors in full bed of butyl- rubber or polyisobutylene mastic sealant. Thresholds shall be notched or coped to fit around removable mullions.

G. Removable mullion sill brackets shall be secured to the concrete floor with approved fasteners and anchors.

H. Hardware shall be installed with the fasteners and anchors provided by the manufacturer of that hardware item.

3.2 ADJUSTMENT, CLEANING AND KEYING

A. Adjust and check each operating item of hardware and each door, to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate freely and smoothly as intended for the application made.

B. Clean adjacent surfaces soiled by hardware installation.

C. Permanent cores and keys shall be delivered by the hardware supplier directly to the contractor at the keying meeting. The contractor and representative of the hardware supplier shall jointly install the permanent cores in the presence of the Owner's agent who shall receive the keys. Hardware supplier shall return the construction cores and construction keys to the manufacturer.

D. Tools and instructions: At the time of keying the hardware supplier shall provide a complete set of specialized tools and maintenance instructions and shall instruct the Owner's agent in the proper maintenance.

E. Final Adjustment: Wherever hardware installation is made more than one month prior to acceptance or occupancy of a space or area, return to the work during the week prior to acceptance or occupancy, and make final check and adjustment of all hardware items in such space or area. Clean operating items as necessary to restore proper function and finish of hardware and doors. Adjust door control devices to compensate for final operation of heating and ventilating equipment.

1. Instruct Owner's Personnel in proper adjustment and maintenance of hardware and hardware finishes, during the final adjustment of hardware.

F. Continued Maintenance Service: Approximately three months after the acceptance of hardware in each area, the Installer, accompanied by the representative of the latch and lock manufacturer, shall return to the project and re- adjust every item of hardware to restore proper function of doors and hardware. Consult with and instruct Owner's personnel in recommended additions to the maintenance procedures. Replace hardware items that have deteriorated or failed due to faulty design, materials or installation of hardware units. Prepare a written report of current and predictable problems (of substantial nature) in the performance of the hardware.

3.3 SCHEDULE OF FINISH HARDWARE SETS

A. Provide finish hardware for each door to comply with requirements of this Section, hardware set numbers indicated on Door Schedule and the schedule of hardware sets on drawings.

B. Manufacturer's function and catalog numbers used in the hardware sets are identified by the following symbols.

1.	McKinney	MK
2.	Pemco	PE
3.	Markar	MR
4.	Rockwood	RO
5.	Yale	YA
6.	Sargent	SA
7.	Rixson	RF
8.	Norton	NO

C. Other Abbreviations:

1. LDW - Less Door Width
2. TBS - To Be Selected

3.4 FINISH HARDWARE SETS.

ITEM		MFG. MODEL NUMBER	MFG.	BHMA FINISH
Set: 51				
1	Continuous Hinge	CFM83HD1	PE	
1	Push Pull	RM251	RO	630
1	Concealed Overhead Stop	1-X36	RF	630
1	Door Closer	PR7500 (par arm)	NO	689
1	Gasketing	by Door Manufacturer		
1	Sweep	18061CNB	PE	
Set: 52				
3	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Mortise Lock (privacy)	CRR 8802FL IND	YA	626
1	Door Closer	R 7500	NO	689

2	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast concave)	403	RO	626
3	Silencer (HM)	608	RO	

Set: 53

3	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Mortise Lock (classroom)	CRR 8808FL	YA	626
1	Door Closer w/ stop arm	CPS7500	NO	689
2	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast concave)	403	RO	626
1	H & J smoke seal set	S88D	PE	

Set: 54

3	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Mortise Lock (classroom sec.)	CRR 8818-2FL	YA	626
1	Door Closer	PR7500 (par arm)	NO	689
2	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast concave)	403	RO	626
1	H & J smoke seal set	S88D	PE	

Set: 55

3	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Mortise Lock (entry)	CRR 8807FL	YA	626
1	Door Closer	R 7500	NO	689
1	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast concave)	403	RO	626
1	H & J smoke seal set	S88D	PE	

Set: 56

3	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Mortise Lock (storeroom)	CRR 8805FL Knurling	YA	626
1	Door Closer	R 7500	NO	689
1	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast concave)	403	RO	626
1	H & J smoke seal set	S88D	PE	

Set: 57

3	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Mortise Lock (storeroom)	CRR 8805FL	YA	626
1	Door Closer w/ stop arm	CPS7500	NO	689
2	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast concave)	403	RO	626
1	H & J smoke seal set	S88D	PE	

Set: 58

1	Continuous Hinge	FM300	MR	630
1	Mortise Lock (storeroom)	CRR 8805FL Knurling	YA	626
1	Door Closer	PR7500 (par arm)	NO	689
1	Wall Stop (cast concave)	403	RO	626
1	Threshold	253x3AFG	PE	
1	Head Gasketing	2891AS	PE	
2	Jamb Gasketing	290AS	PE	
1	Sweep w/ Drip cap	345ANB	PE	
1	Drip cap	346C	PE	

Set: 59

6	BB Hinge NRP	TA2714 4-1/2" x 4-1/2" NRP	MK	626
1	Automatic Flushbolt Set	2842/2942	RO	630
1	Dust Proof Strike	570	RO	626
1	Coordinator	2600 Series	RO	689
2	Mounting Bracket	2601 Series	RO	689
1	Mortise Lock (storeroom)	CRR 8805FL Knurling	YA	626
1	Door Closer w/ stop arm	CPS7500	NO	689
1	Door Closer	PR7500 (par arm)	NO	689
2	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast concave)	403	RO	626
1	H & J smoke seal set	S88D	PE	
1	Meeting stile smoke seal	S772D	PE	

Set: 60

6	BB Hinge NRP	TA2714 4-1/2" x 4-1/2" NRP	MK	626
1	Automatic Flushbolt Set	2842/2942	RO	630
1	Dust Proof Strike	570	RO	626
1	Coordinator	2600 Series	RO	689
2	Mounting Bracket	2601 Series	RO	689
1	Mortise Lock (storeroom)	CRR 8805FL Knurling	YA	626
2	Door Closer	PR7500 (par arm)	NO	689
4	Kick Plate	K1050 15" high 4BE CSK	RO	630
2	Wall Stop (cast concave)	403	RO	626
1	H & J smoke seal set	S88D	PE	
1	Meeting stile smoke seal	S772D	PE	

Set: 61

2	Continuous Hinge	CFM83HD1	PE	
1	Manual Flushbolt Set	555/557	RO	626
1	Dust Proof Strike	570	RO	626
1	Mortise Lock (storeroom)	CRR 8805FL Knurling	YA	626
2	Surface Overhead Stop	9-X36	RF	630
2	Door Closer	PRO 7500 (par arm)	NO	689
1	Threshold	253x3AFG	PE	
1	Head Gasketing	2891AS	PE	
2	Jamb Gasketing	290AS	PE	
2	Sweep w/ Drip cap	345ANB	PE	

1	Drip cap	346C	PE	

Set: 62

6	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Manual Flushbolt Set	555/557	RO	626
1	Dust Proof Strike	570	RO	626
1	Mortise Lock (storeroom)	CRR 8805FL Knurling	YA	626
1	Door Closer	PR7500 (par arm)	NO	689
2	Wall Stop (cast convex)	400	RO	626

Set: 63

6	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
1	Automatic Flushbolt Set	2842/2942	RO	630
1	Dust Proof Strike	570	RO	626
1	Coordinator	2600 Series	RO	689
2	Mounting Bracket	2601 Series	RO	689
1	Mortise Lock (storeroom)	CRR 8805FL Knurling	YA	626
2	Door Closer	PR7500 (par arm)	NO	689
2	Kick Plate	K1050 15" high 4BE CSK	RO	630
2	Wall Stop (cast concave)	403	RO	626

Set: 64

6	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
2	Exit Device	12 43 NB8715 ETJ	SA	630
2	Door Closer	R 7500	NO	689
4	Kick Plate	K1050 15" high 4BE CSK	RO	630
2	Electromagnetic Holder	998	RF	689
1	H & J smoke seal set	S88D	PE	
1	Meeting stile smoke seal	S772D	PE	

Notes: Door(s) electrically held open with wall/floor magnet. Upon loss of power, magnet(s) release and door(s) close. FAIL SAFE

Set: 65

6	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626
2	Exit Device	43 NB8713 ETJ	SA	630
2	Mortise Cylinder	Match Existing	YA	626
1	Door Closer w/ stop arm	CPS7500	NO	689
1	Door Closer	PR7500 (par arm)	NO	689
4	Kick Plate	K1050 15" high 4BE CSK	RO	630
1	Wall Stop (cast convex)	400	RO	626
1	H & J smoke seal set	S88D	PE	
1	Meeting stile smoke seal	S772D	PE	

Set: 66

6	Hinge	TA2714 4-1/2" x 4-1/2"	MK	626

2	Exit Device	12 43 NB8713 ETJ	SA	630
2	Mortise Cylinder	Match Existing	YA	626
2	Door Closer	PR7500 (par arm)	NO	689
4	Kick Plate	K1050 15" high 4BE CSK	RO	630
2	Electromagnetic Holder 998	689	RF	
1	H & J smoke seal set	S88D	PE	
1	Meeting stile smoke seal	S772D	PE	

Notes: Door(s) electrically held open with wall/floor magnet. Upon loss of power, magnet(s) release and door(s) close. FAIL SAFE

Set: 67

1	Continuous Hinge	CFM83HD1	PE	
1	Exit Device	8804	SA	630
1	Rim Cylinder	Match Existing	YA	626
1	Pull	RM201	RO	630
1	Concealed Overhead Stop	1-X36	RF	630
1	Door Closer	PR7500 (par arm)	NO	689
1	Threshold	253x3AFG	PE	
1	Gasketing	by Door Manufacturer		
1	Sweep w/ Drip cap	345ANB	PE	

Set: 68

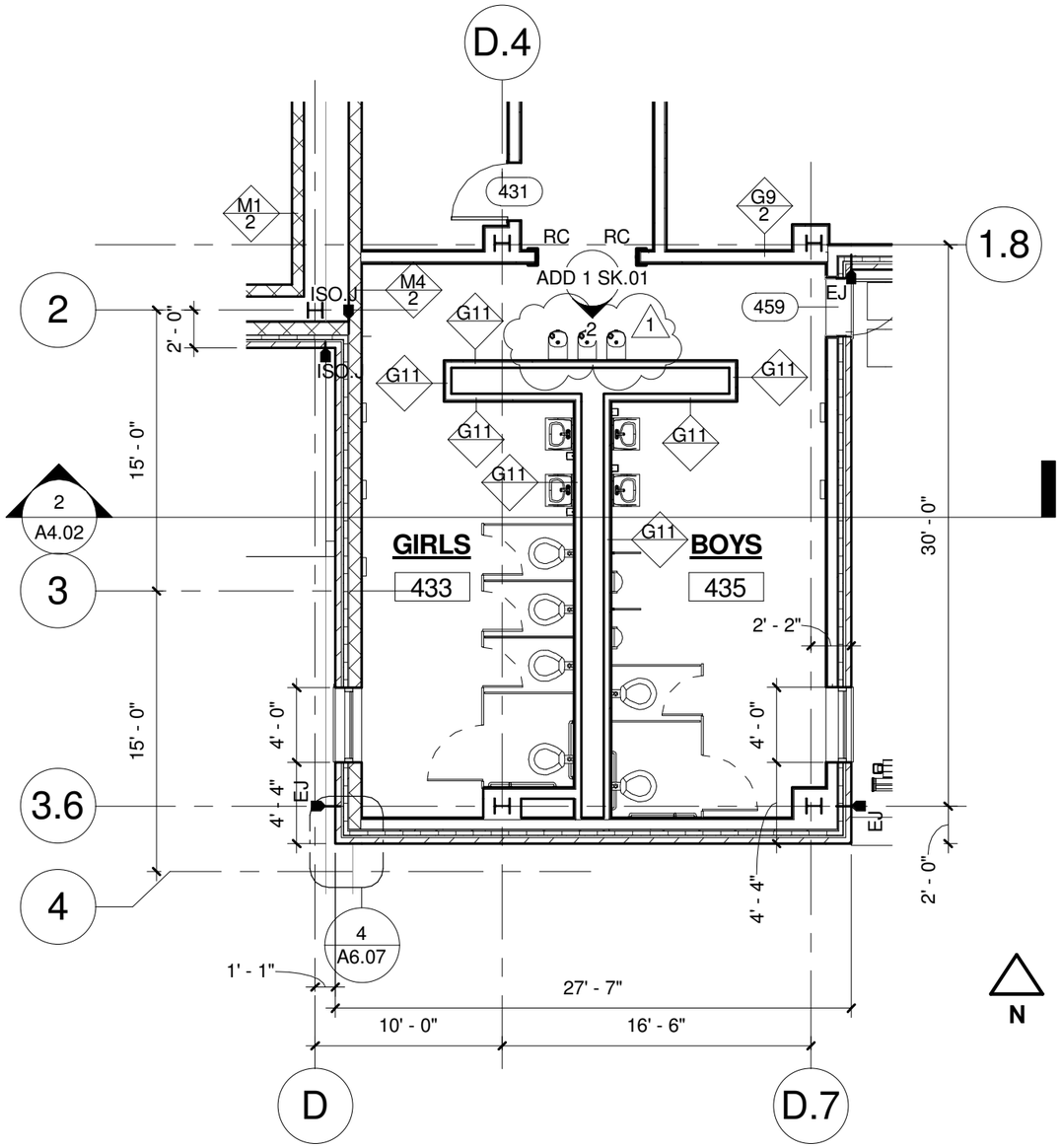
1	Continuous Hinge	CFM83HD1	PE	
1	Exit Device	8810	SA	630
1	Pull	RM201	RO	630
1	Concealed Overhead Stop	1-X36	RF	630
1	Door Closer	PR7500 (par arm)	NO	689
1	Threshold	253x3AFG	PE	
1	Gasketing	by Door Manufacturer		
1	Sweep w/ Drip cap	345ANB	PE	

Set: 69

1	Existing Hardware	All to Remain	00

END HARDWARE SETS

END OF SECTION



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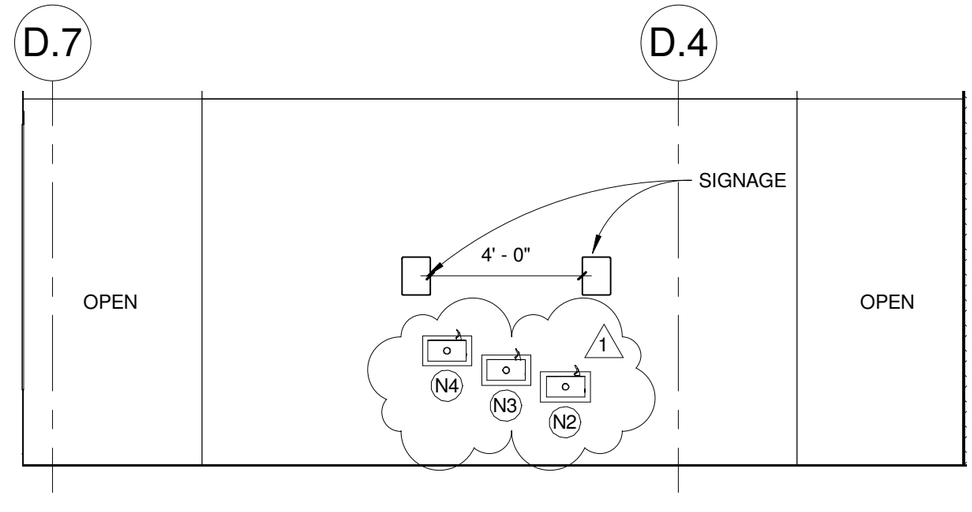

2 INTERIOR ELEVATION - FOURTH FLOOR TOILIET ROOM ENTRY

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

Chicago Public Schools

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4640 N Francisco Ave.
Chicago, IL 60625
Tel: (312) 236-0528
ARCHITECT OF RECORD

Date of Issue: July 25, 2017

PARTIAL 4TH FLOOR PLAN & TOILIET ROOM ENTRY

Drawn by: SWWB ltd.
Issued:07/24/17
Checked by: SWWB ltd.

Skinner West Elementary School Annex

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PBCC Project No.: 05045

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SWWB Project #: 16-288
Dwg File:

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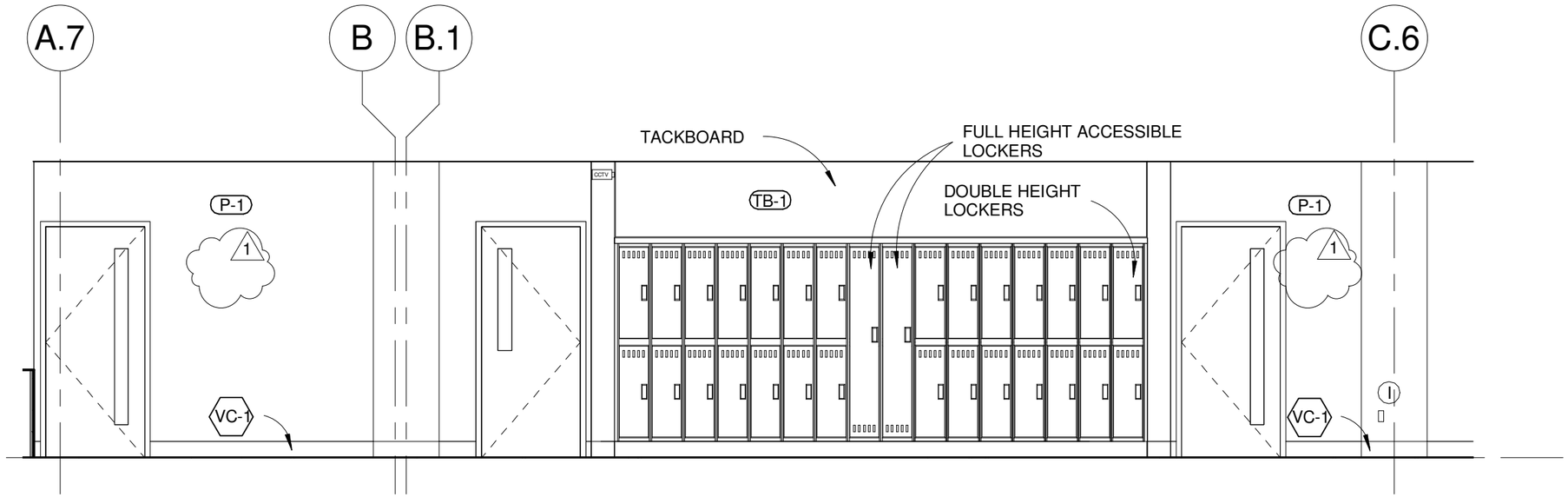
13/A7.05



1 SECOND FLOOR CORRIDOR NORTH

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

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Chicago, IL 60625
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PARTIAL CORRIDOR INTERIOR ELEVATION

Drawn by: Author

Issued:07/24/17

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Skinner West Elementary School Annex

1216 W. Adams Street
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PBCC Project No.: 05045

ADD 1
SK.02

SWWB Project #: 16-288
Dwg File:
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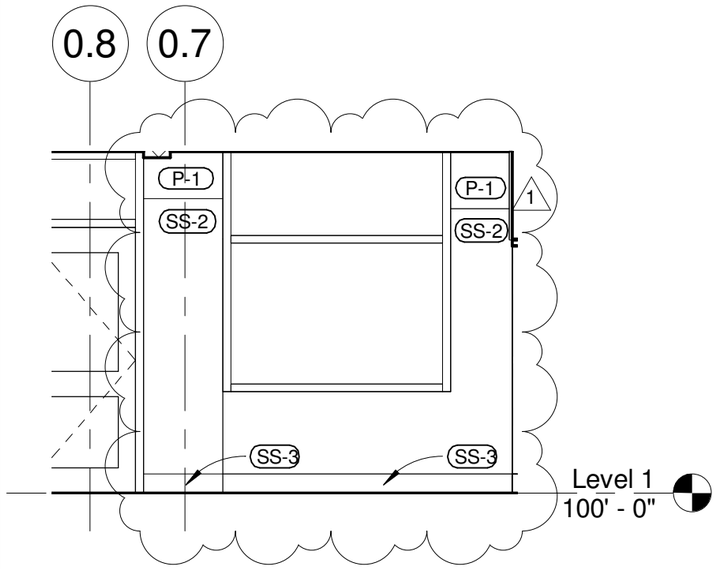

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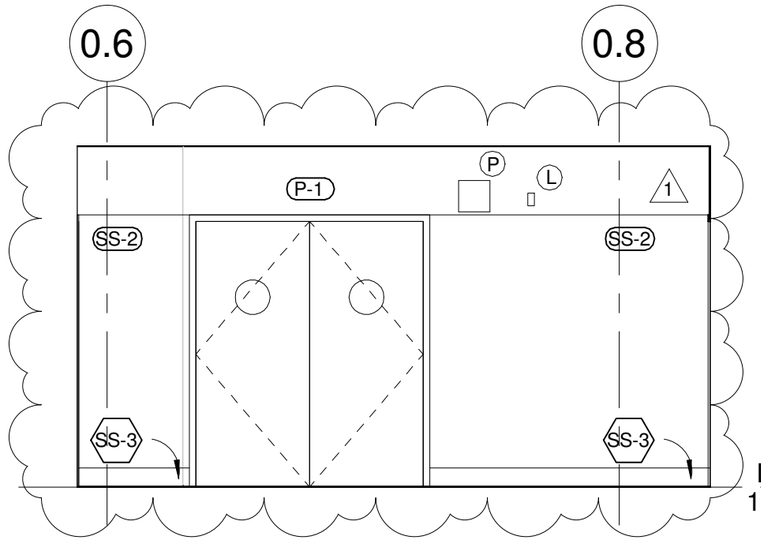

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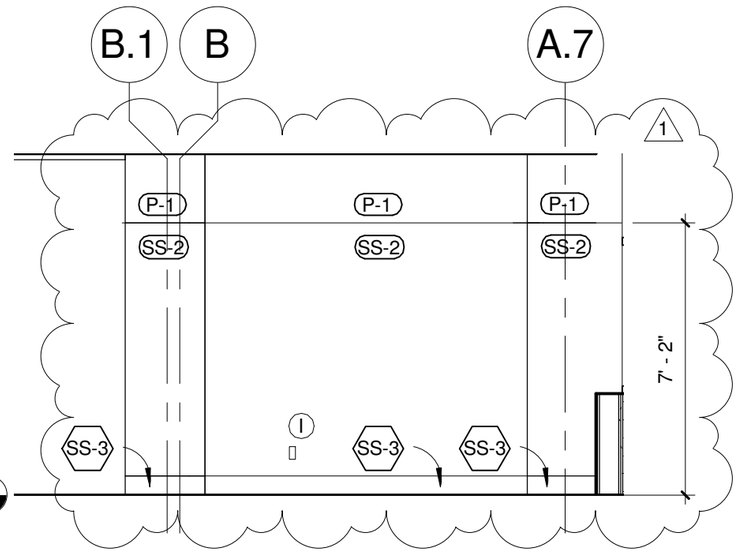

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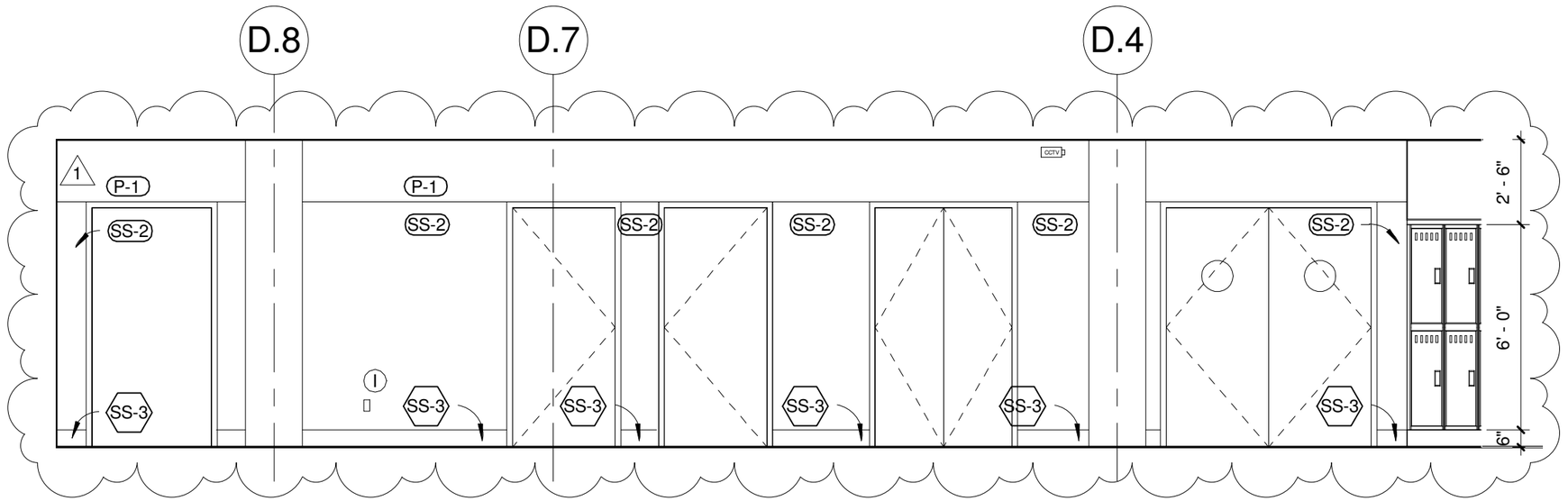

4 FIRST FLOOR CORRIDOR SOUTH

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

Chicago Public Schools

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Chicago, IL 60625
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PARTIAL INTERIOR CORRIDOR ELEVATIONS

Drawn by: Author
Issued:07/24/17
Checked by: SWWB ltd.

Skinner West Elementary School Annex

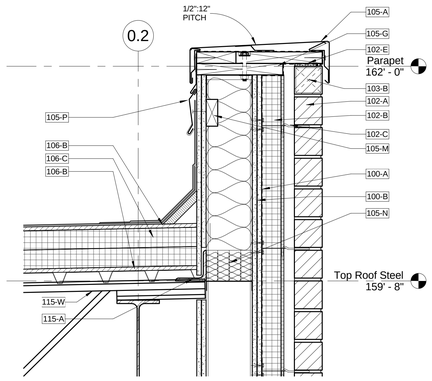
1216 W. Adams Street
Chicago, Illinois 60607

PBCC Project No.: 05045

ADD 1
SK.03

SWWB Project #: 16-288
Dwg File: 11/A7.09
9/A7.09
10/A7.09
10/A7.09

Date of Issue: July 25, 2017



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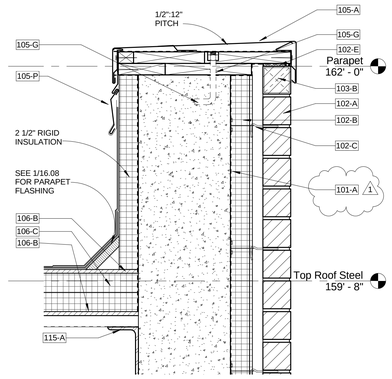

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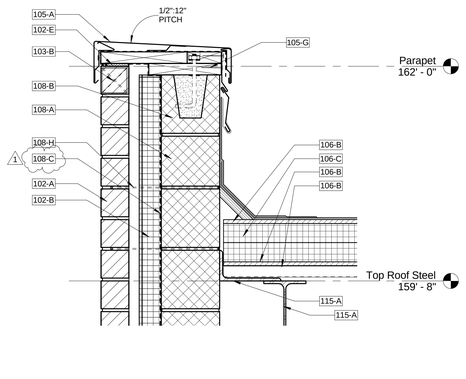

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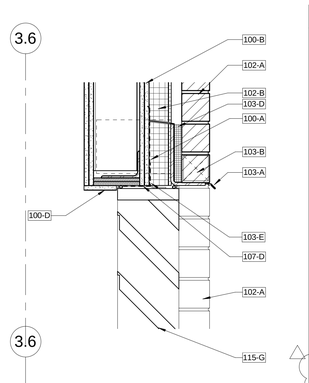

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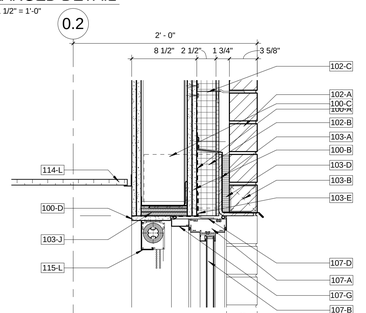

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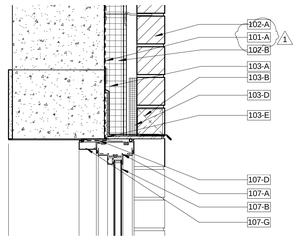

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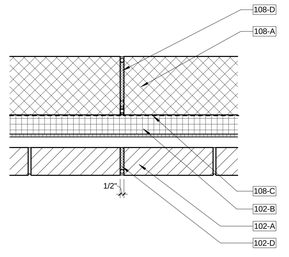
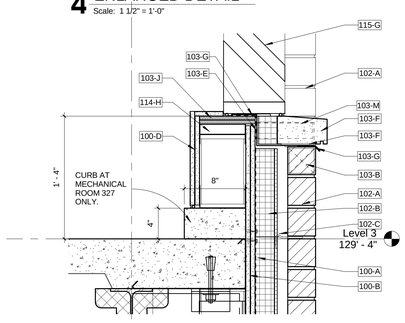


TYPICAL MASONRY EXPANSION/CONTROL JOINT
7 Scale: 1 1/2" = 1'-0"



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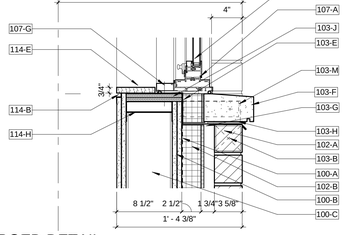

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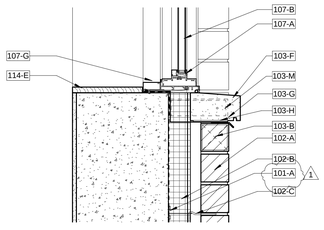

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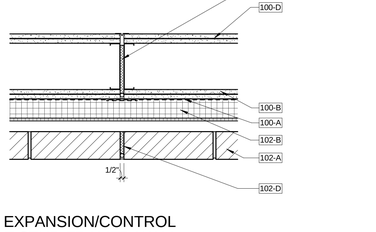

TYPICAL EXPANSION/CONTROL JOINTS AT STUD FRAMED WALL.
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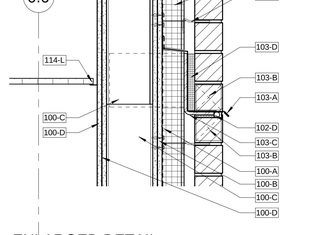

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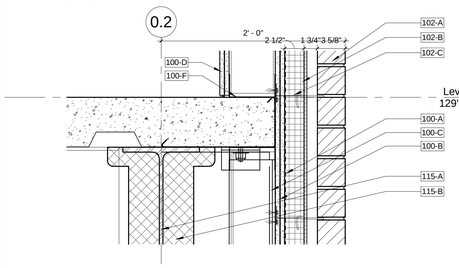

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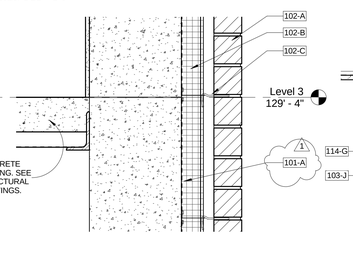

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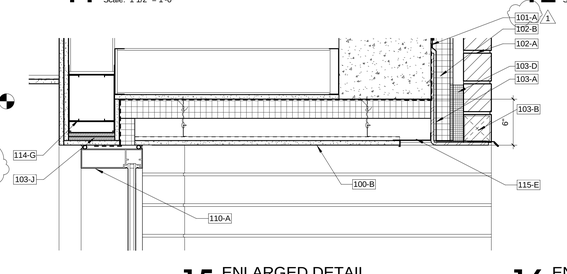

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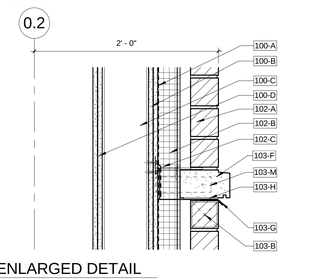

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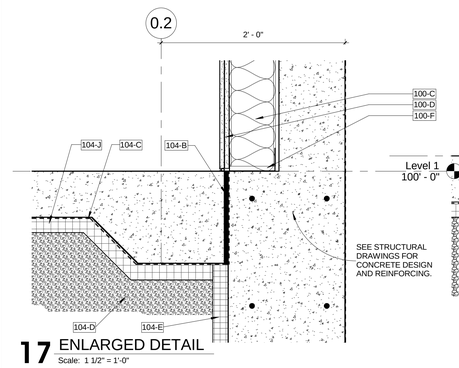

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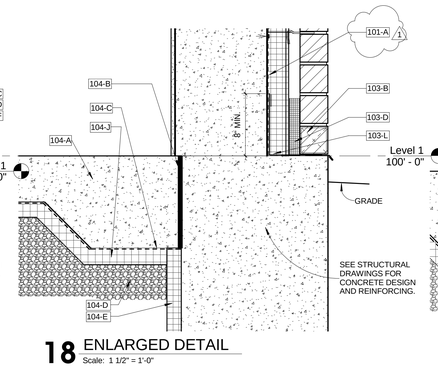

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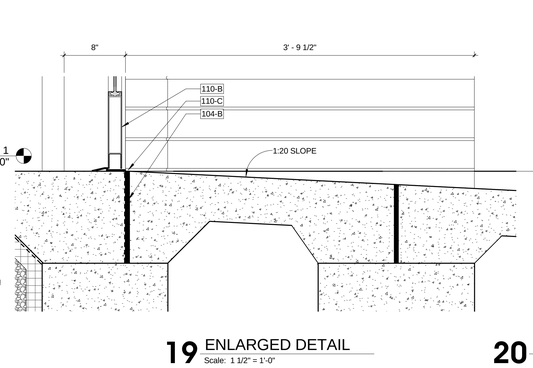

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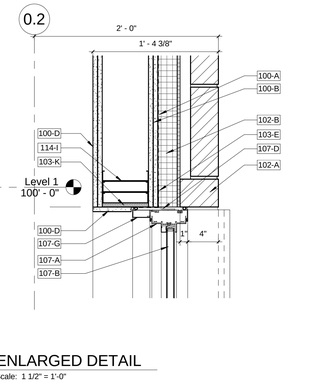

20 ENLARGED DETAIL
Scale: 1 1/2" = 1'-0"

DETAIL KEYNOTE LEGEND

100 Typical Steel- Framed Wall Assembly for Anchored Masonry Veneer:
100-A Continuous Water Resistant Barrier, Air and Vapor Barrier.
100-B (2) layers 5/8" type 'x' exterior gypsum board w/ joints taped and sealed per manufacturer's Recommendations; Dens-glass gold or approved equal.
100-C Cold formed (light gage) metal framing at a maximum of 16" o.c. ; structural performance, gage and connection to primary structure. Frame shall be designed by installer under the direct supervision of a Licensed Structural Engineer registered in the State of Illinois
100-D (1)layer 5/8" type 'x' gypsum board secured to metal framing and (1)layer 5/8" abuse-resistant Gypsum board at interior (Painted); Stagger joints.
100-E Cold Formed "Z" strip. Secured to steel beam prior to installation of spray fireproofing. Size of Z as required to allow for full thickness of fireproofing. Coordinate with fireproofing contractor.
100-F Deep Leg Cold formed (light gage) metal stud runner.
100-G Inside Angle Solid with Intumescent strip.
100-H NOT USED
100-J NOT USED
100-K 1 1/2" x 1 1/2" x 1/4" galvanized steel angle continuous welded to back of steel lintel. Painted where exposed to view.
100-L Isolation Joint between new stud framing and existing construction. 3/4" wide with compressible filler, backer rod and sealant. Tuck new water proof membrane into joint prior to sealing. Existing water proofing to run through un-interupted. Sealant to be compatable with new and existing membranes.
100-M Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing. Provide Sheet metal control joint on interior.

101 Structural Concrete Wall Assembly for Anchored Masonry Veneer:
101-A Continuous Bituminous Damp Proofing on face of structural concrete wall, vapor retarding, run over top of concrete at all parapets and lap w/roofing membrane on inside of parapet, provide elastomeric flashing sheet to span all moving jts.; refer to typical details.
101-B 12" nominal poured in place concrete wall; refer to structural drawings for all wall reinforcement and details.
101-C (2) Coats interior Plaster Skim Coat.
101-D Dovetail slots at 16" o.c vertically & 32" o.c. horizontally. in concrete w/ flexible galv. Dovetail anchor.

102 Typical Anchored Masonry Veneer:
102-A Facebrick coordinate with elevation for masonry unit color and sizes.
102-B 2 1/2" cavity insulation min. R-15.8, taped and sealed w/ continuous integrated drainage mat "therma drain" Friction fit w/cut insul. For snug fit
102-C Galvanized Ladder/eye + pintle reinforcing. At 16" o.c. vertically stop either side of all masonry expansion jt.s. Hold eyes clear of cavity rigid insulation.
102-D Brick Veneer Expansion Joint. 1/2" wide with compressible expansion joint filler, backer rod and sealant.
102-E Compressible Filler.
102-F Brick Veneer Isolation joint at connection of new masonry veneer to existing masonry veneer. 3/4" wide with compressible expansion joint filler, backer rod and sealant.

103 Typical Window Openings and Sills in wall with Anchored Masonry Veneer:
103-A Two Piece continuous flashing with Stainless Steel drip edge (lapped + Sealed), To run continuous full length of shelf angle or lintel. At ends of lintel or shelf angle provide 2" high end dam 1/2" beyond end of steel shelf angle or lintel; see typical flashing details.
103-B Weep/Vent hole ventilators at 24" o.c.
103-C Continuous Galvanized Steel Shelf Angle. See Structural Drawings for Shelf angle Schedule and details. Painted.
103-D Mortar Net Installed above flashing.
103-E Detail Membrane - Water and Air Barrier wrap into openings. Overlap wall base membrane by 3" all (4) sides of opening. Extend membrane into opening full depth of frame. Trim excess on interior.
103-F Limestone sill with coped top and continuous drip edge. Dowell into adjacent Limestone sills and masonry at ends with 1/4" stainless steel dowells.Seal dowel penetrations at end dams.
103-G Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically and lap over Water Resistant Barrier at window sill. Provide end dams.
103-H Corrigated Weep.
103-J (2) layers 1/2" treated plywood. Secured to structural steel or Cold Formed Framing.
103-K (1) Layer 1/2" treated plywood. Secured to Cold Formed Framing.
103-L Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically up wall a minimum of 8". Lap over Water Resistant Barrier. Mechanically terminate with termination bar.
103-M Stainless Steel Stone Anchor. With 1/4 dowells set in limestone sills. Set anchor in sealant and anchored through flashing to cold formed framing. Provide at each joint in limestone sill.
103-N Galvanized Steel Loose Lintel. See Structural drawings for lintel schedule and details. Painted.
103-0 Galvanized Steel Angle welded to loose angle.

104 Typical Foundation:
104-A Reinforced concrete floor slab; refer to Structural drawings for details and reinforcing.
104-B Pre-formed joint filler at slab perimeter.
104-C Continuous vapor retarder (shown dashed); lap and turn up at perimeter; seal all penetrations, ref. 03300
104-D Compacted granular fill; refer to specification and structural dwgs.
104-E Continuous 2" thick (r-10) perimeter foam-plastic board insulation and protection cs. extend from top of footing to underside of slab at bldg. Perimeter
104-F 1/2" expansion joint & sealant
104-G Concrete curb, refer structural drawings
104-H Thickened slab, refer to structural drawings.
104-J Continuous 2" thick (r-10) foam-plastic board insulation and protection underside of slab. 2'-0" wide.

105 Typical Flashing at Roof and Masonry Walls:
105-A .063" Thick. Prefinished aluminum coping system with prefabricated corner pieces.
105-B Galvanized steel anchor plate
105-C Splice plate (shown dashed)
105-D Run roofing over blocking & lap 4" over front
105-E Treated lumber blocking. Lap with continuous waterproof membrane. Anchored to framing below.
105-F Omit mortar and install pre-compressed expanding foam sealant @top of mas./coping, min 3/8" thick
105-G 2x treated wood blocking - kerfed and stud bolted to cold formed (light gage) metal track runner with 3/8" Stainless Steel Anchor @24" o.c. staggered; cantilevered over masonry veneer system. Lap with continuous waterproofing membrane.
105-H Continuous Expansion Joint Cover. Johns Manville DF/EJ or approved equal). Adhere top metal flange in full bed of mastic.
105-J Continous Flexible Vapor Retarder with Compressible insulation. Lapped and sealed at all joints.
105-K Stainless Steel Reglet and Counter Flashing. Reglet wedged and sealed. Counter Flashing secured with 3" H x 2" wide stainless steel clips at 30" o.c. Clips to be secured with 2 fasteners (2).
105-L Run Waterproofing membrane run over roof blocking and lap existing elastomeric coating and/or flashing at parapet interior.
105-M Treated 2x blocking between studs for securing counter flashing.
105-N Rigid insulation friction fit between steel studs, sheathing and slab edges to form air tight barrier.
105-P Continuous removable stainless steel counter flashing.
105-Q Rigid Polyisocyanurate insulation. Provide in thicknessess to fill cavity as shown.
105-R 3/8" Stainless Steel Anchor Bolt at 24". O.C.
105-S 3/8" Stainless Steel Anchore at 24" O.C.

106 Typical Modified Bituminous Roof Assembly:
106-A Modified bituminous roof system
106-B 1/2" perlite cover board: r - 2.08
106-C min. 5" rigid polyisocyanurate insulation w/staggered jts at layers.; r-24.2 min.
106-D Open web bar joists
106-E Ledger- see structural dwgs.
106-F Perimeter deck edge angle; refer to struct. Dwgs.
106-G Galvanized metal deck; refer to struct. Dwgs.
106-H Run roof flashing membrane up vertical surface of parapet, run roof flashing membrane under coping and lap with cont. Waterproofing membrane
106-J Perlite cant
106-K Cont. Removable s.s. reglet w/3" lap at seams . Install bead of sealant w/in 3" lap area. combine w/s.s. counter flashing. See roof detail sheet.
106-L Not used
106-M Sealant
106-N Run roof membrane up wall and lap w/2-pc. Mtl. Flashing; lap and seal flashing; terminate with s.s. termination bar & gasketed s.s. fastener; seal w/polyurethane sealant & tool to gasketed s.s. fastener; seal w/polyurethane sealant & tool
Facilitate water run-off
106-O Run roof membranes up wall and lap w/vapor retardar.
106-P Lap roof flashing ply over parapet and down wall; terminate w/2-pc. Mtl. Flashing
106-Q Cont. Vapor retarder, lap + seal, turn up @ perimeter
106-R Concrete filled composite metal deck; ref. Struct.
106-S Overlap roofing 4" min. Over front
106 -T Exist. Thermoplastic roofing system. Verify w/roofing manuf. Specific req. For base & counter flashing so as to be compatible with exist. roofing system.
106-U Gutter with Downspout and splash block.

107 Typical Aluminum Window:
107-A Fixed, or combination aluminum window unit; Reference building. elevations and window types. perimeter caulk @int. + ext. In custom color to match selected wn. color, provide manufacturer's fabricated anchor straps and interior cover trim; secure to interior steel framed or structural concrete wall with min. 2" edge overlap. Provide Fully welded prefinished aluminum sill pan receptor with end dams by window manufacturer. (full width of opening) match window wall color and finish., set in continuous bed of silicone sealant; seal terminations and penetrations
107-B 1" insulated low-e glazing.
107-C PVC sealant backer and shim.
107-D Window strap attachment by window manufacturer. Set in sealant bed
107-G Prefinished 2-piece interior cover trim by window manufacturer. Secure to steel framed wall or concrete wall. Cover all strap anchors.

108 Typical Concrete Masonry Unit Backing Wall:
108-A 8" Reinforced Concrete masonry wall. See structural drawings for reinforcing.
108-B 8" Concrete Maspnry Bond Beam course with continuous reinforcing. See structural drawings for reinforcing.
108-C Continous Bituminous Damp Proofing on face of CMU.
108-D Masonry Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing.
108-E Masonry Isolation Joint. between walls bearing on new structure and walls bearing on existing structure. 3/4" wide with Compressible filler, backing rod and sealant. Sealant to be compatable with waterproofing.
108-G 3/8" Stainless steel anchor bolt at 24" O.C. grouted into bond course.
108-H Masonry Tie.

109 Typical Cut Stone Coping:
109-A Cut stone coping w/cont. Drip edge ea. Side, rake mortar jts. And install backer rod + sealant, typ.
109-B Set cut stone coping on 1/2" mortar bed over flashing w/s.s. drip edge each side
109-C Backer sealant and rod (@ outer edge of coping head joints)
109-D Throughwall flashing with stainless steel drip edge lapped and sealed
109-E 3/8" dia. Stainless steel dowels w/ 3/8" dia. S.s. anchor w/hook at ea. Joint (grout solid at all anchorage, @ 24" oc; min. 2-dowels per pc., seal flashing at all penetrations. Embeded dowel in compatible mastic sealant @ flashing penetration
109-F Remove exist stone coping; cut existing flashing at level of underside of existing coping & refer to key note 106-t for new flashing notes.

110 Typical Aluminum Entrances:
110-A Aluminum Entrance Framing.
110-B Aluminum Entrance Door.
110-C Alumnium Entrance Threshold. Set In Sealant

114 Interior Finish Gypsum Board and Trim components:
114-A 5/8" gypsum board ceiling (gtd.)
114-B 5/8" x 5/8" prefinished metal reveal; Fry Reglet drmz-625-625 (basis of design)
114-C Extruded Aluminum Corner Trim. Fry Reglet drmct-1250 (basis of design)
114-D 6" cold formed metal framing @16" o.c.
114-E ½" Thick Solid Surfacing window sill.
114-F 5/8" type 'X' gypsum board (gtd.)
114-G Built-Up Cold Formed Metal Header. See Structural Drawings for stud and track sizes, quantity and configuration.
114-H Built-Up Cold Formed Metal Sill. See Structural Drawings for stud and track sizes, quantity and configuration.
114-I Built-Up Cold Formed Metal Jamb. See Structural Drawings for stud and track sizes, quantities and configuration.
114-J Built-Up Cold Formed Metal framing adjacent to existing construction. (2) 6"x16 Ga Studs and and (1) 6" x 16 Ga track configured as shown. Provide compressible filler between framing and existing masonry construction. Do not attach framing to existing masonry construction.
114-K Gypsum Board Ceiling Suspension Channels.
114-L Acoustic Ceiling Tile.
114-M Acoustic Ceiling Suspension "T"
114-N Acoustic Ceiling Wall Angle.
114-P Ceiling Suspension Cable.
114-Q Wall Expansion Joint. Gordon Architectural Products DX200.
114-R Wall to Ceiling Expansion Joint. Gordon Architectural Products GX200.
114-S Solid Surface wall panel direct applied to scheduled partition.
114-T Solid Surface wall base direct applied to scheduled partition.
114-U Resilient wall base as scheduled on finish drawings.
114-V Impact Resistant Drywall (gtd) laminated to CMU.
114-W 3-5/8" 20 Gauge Steel Framing.
114-X 1-5/8" 20 Gauge Steel Framing.
114-Y 5/8" Type X Gypsum Board Panel.
114-Z 1" Gypsum Shaft Liner
114-AA 1/2" Cement Board.
114-AB Gypsum Board Control joint accessory.
114-AC Extruded aluminum ceiling transition.
114-AD Thin Set Ceramic Tile
114-AE Thin Set Ceramic Tile with bullnose.
114-AF 5/8" Water Resistant Gypsum Board.
114-AG "L" Bead.

115 Miscellaneous:
115-A Structural Steel Member - See structural drawings for schedules and details.
115-B Spray Fireproofing. See Life Safety Plans for required rating.
115-C Steel plate welded to shelf angle. 3/8" thick. Galvanized and painted.
115-D Solid Surfacing wall panel direct applied to gypsum wall board behind. See Elevation for height and extent.
115-E Extruded Aluminum Vented Soffit Molding FRY REGLET - WPM-75-V-400. Or approved Equal. Perforated to perform as insect screen.
115-F Gypsng Spray Thermal Insulation. Remove as required for access to decking for structural connections. Restore to full coverage.
115-G Aluminum Louver with insect screens. Provide welded Aluminum sill receptacle with end dams.
115-H Bent Steel Plate anchored to existing slab edge. By Cold Formed Metal Fabricator for anchoring stud framing.
115-J Steel Plate welded to underside of beam. By Cold Formed Metal Fabricator for anchoring stud framing.
115-K Recessed Floor Expansion Joint. Wabo Allure AFJ-100C.
115-L Manual Roller Shade with extruded aluminum valence.
115-M Entrance Floor Grille - 1 1/8" deep stainless steel grille. Set over recessed slab. Waterproof slab below.
115-O Radiant Ceiling Panel. Suspended in acoustic ceiling suspension system. See Mechanical Drawings.
115-P Reinforced Ground Faced CMU. Ground face on exposed surfaces.
115-R Structural Glazed Tile base
115-S Mechanical Diffuser. See Mechanical Drawings.
115-T Structural Decking. See Structural Drawings.
115-U 2 1/2" Rigid Insulation.
115-V Treated 2x Wood Blocking
115-W Structural Steel Bar Joist - See Structural Drawings.
115-X Scheduled Door Frame.
115-Y Baker rod and sealant. Confirm copatablity with adjacet membranes and finish materials.

PUBLIC BUILDING COMMISSION
Chicago Public Schools

SKINNER WEST ELEMENTARY SCHOOL ANNEX
1260 W. ADAMS STREET
CHICAGO, ILLINOIS 60607

SWWB

SWWB LTD., Architects
4640 N Francisco Ave.
Chicago, IL 60625
Tel: (312) 236-0528
ARCHITECT OF RECORD

BOEMAN DESIGN, LLC
2607 West Leland Avenue
Chicago, Illinois 60625
Tel: (773) 942-6437
ASSOCIATE ARCHITECT

Stearn - Joglekar, Ltd.
Chicago, Illinois
Structural Engineer

David Mason & Associates
Chicago, Illinois
Civil Engineer

Melvin Cohen & Assoc.
Chicago, Illinois
Mechanical, Electrical, Plumbing and FP Engineer

Altamanu, Inc.
Chicago, Illinois
Landscape Architect

Shiner + Assoc., Inc.
Chicago, Illinois
Acoustics Consultant

Issuance

Mark	Description	Date
	SCHEMATIC DESIGN	10.21.16
	DESIGN DEVELOPMENT	12.13.16
	60% CD REVIEW	02.06.17
	90% CD REVIEW	05.19.17
	100% CD REVIEW	06.02.17
	ISSUED FOR PERMIT	05.31.17
	ISSUED FOR BID	06.30.17
1	ADDENDUM #1	07.24.17

PBCC Contract No.: C1579
PBCC Project No.: 05045
CPS Project No.: 2017-29281-ANX
SWWB Project No.: 16-288

Title
ENLARGED DETAILS

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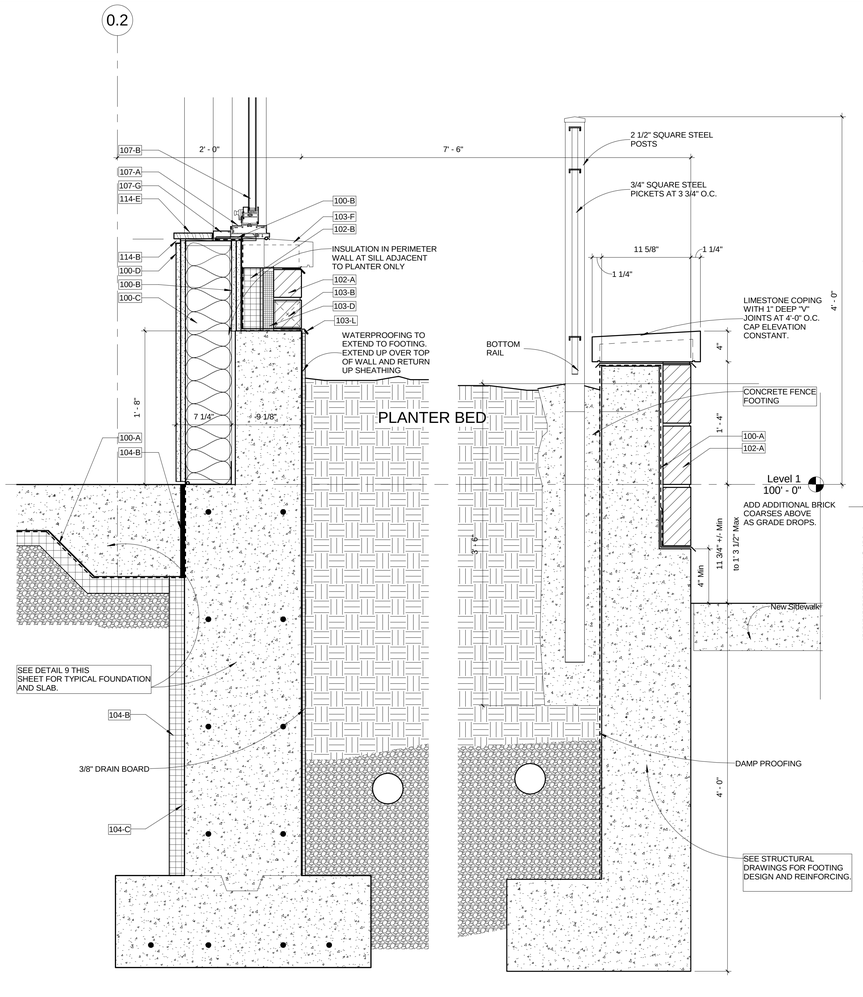
A6.01



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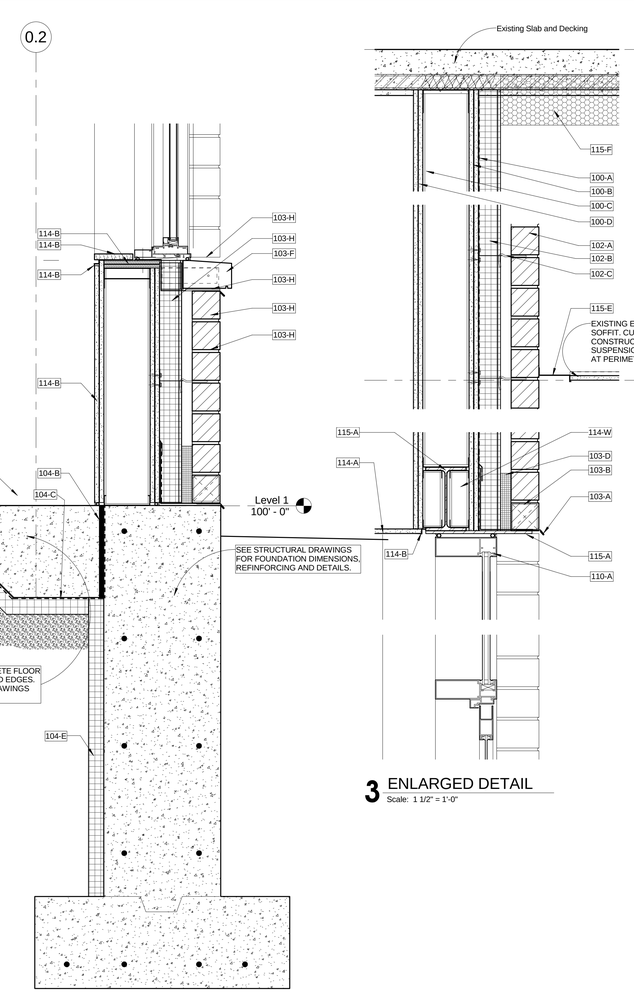

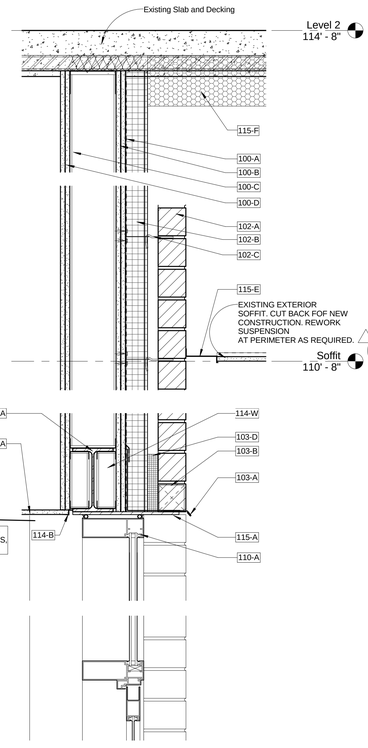

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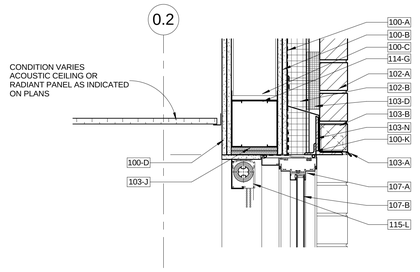

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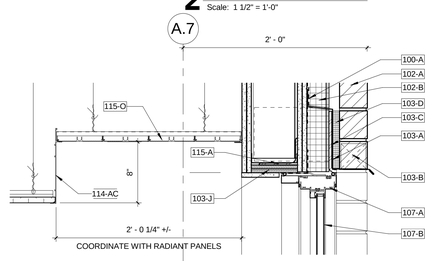

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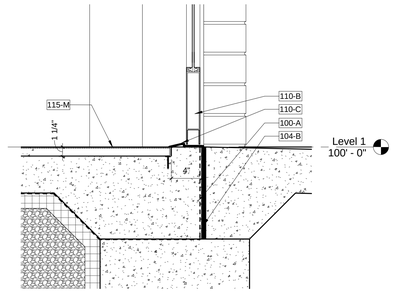

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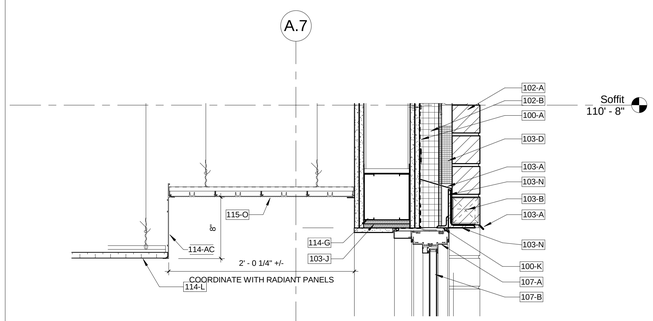

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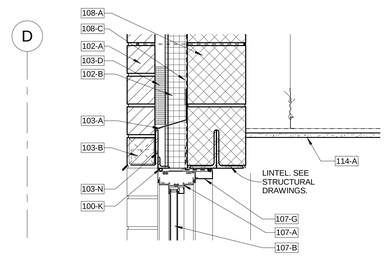

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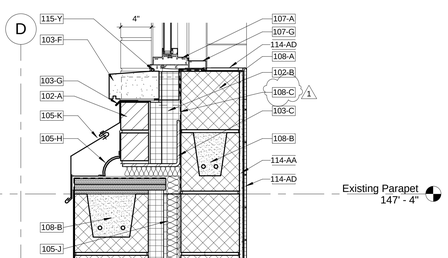

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100-F Deep Leg Cold formed (light gage) metal stud runner.
100-G Inside Angle Solid with Intumescent strip.
100-H NOT USED
100-J NOT USED
100-K 1 1/2" x 1 1/2" x 1/4" galvanized steel angle continuous welded to back of steel lintel. Painted where exposed to view.
100-L Isolation Joint between new stud framing and existing construction. 3/4" wide with compressible filler, backer rod and sealant. Tuck new water proof membrane into joint prior to sealing. Existing water proofing to run through un-interupted. Sealant to be compatable with new and existing membranes.
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103-L Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically up wall a minimum of 8". Lap over Water Resistant Barrier. Mechanically terminate with termination bar.
103-M Stainless Steel Stone Anchor. With 1/4 dowells set in limestone sills. Set anchor in sealant and anchored through flashing to cold formed framing. Provide at each joint in limestone sill.
103-N Galvanized Steel Loose Lintel. See Structural drawings for lintel schedule and details. Painted.
103-0 Galvanized Steel Angle welded to loose angle.

104 Typical Foundation:
104-A Reinforced concrete floor slab; refer to Structural drawings for details and reinforcing.
104-B Pre-formed joint filler at slab perimeter.
104-C Continuous vapor retarder (shown dashed); lap and turn up at perimeter; seal all penetrations, ref. 03300
104-D Compacted granular fill; refer to specification and structural dwgs.
104-E Continuous 2" thick (r-10) perimeter foam-plastic board insulation and protection cs. extend from top of footing to underside of slab at bldg. Perimeter
104-F 1/2" expansion joint & sealant
104-G Concrete curb, refer structural drawings
104-H Thickened slab, refer to structural drawings.
104-J Continuous 2" thick (r-10) foam-plastic board insulation and protection underside of slab. 2'-0" wide.

105 Typical Flashing at Roof and Masonry Walls:
105-A .063" Thick. Prefinished aluminum coping system with prefabricated corner pieces.
105-B Galvanized steel anchor plate
105-C Splice plate (shown dashed)
105-D Run roofing over blocking & lap 4" over front
105-E Treated lumber blocking. Lap with continuous waterproof membrane. Anchored to framing below.
105-F Omit mortar and install pre-compressed expanding foam sealant @top of mas./coping, min 3/8" thick
105-G 2x treated wood blocking - kerfed and stud bolted to cold formed (light gage) metal track runner with 3/8" Stainless Steel Anchor @24" o.c. staggered; cantilevered over masonry veneer system. Lap with continuous waterproofing membrane.
105-H Continuous Expansion Joint Cover. Johns Manville DF/EJ or approved equal). Adhere top metal flange in full bed of mastic.
105-J Continous Flexible Vapor Retarder with Compressible insulation. Lapped and sealed at all joints.
105-K Stainless Steel Reglet and Counter Flashing. Reglet wedged and sealed. Counter Flashing secured with 3" H x 2" wide stainless steel clips at 30" o.c. Clips to be secured with 2 fasteners (2).
105-L Run Waterproofing membrane run over roof blocking and lap existing elastomeric coating and/or flashing at parapet interior.
105-M Treated 2x blocking between studs for securing counter flashing.
105-N Rigid insulation friction fit between steel studs, sheathing and slab edges to form air tight barrier.
105-P Continuous removable stainless steel counter flashing.
105-Q Rigid Polyisocyanurate insulation. Provide in thicknessess to fill cavity as shown.
105-R 3/8" Stainless Steel Anchor Bolt at 24", O.C.
105-S 3/8" Stainless Steel Anchore at 24" 0.C.

106 Typical Modified Bituminous Roof Assembly:
106-A Modified bituminous roof system
106-B 1/2" perlite cover board: r - 2.08
106-C min. 5" rigid polyisocyanurate insulation w/staggered jts at layers.; r-24.2 min.
106-D Open web bar joists
106-E Ledger- see structural dwgs.
106-F Perimeter deck edge angle; refer to struct. Dwgs.
106-G Galvanized metal deck; refer to struct. Dwgs.
106-H Run roof flashing membrane up vertical surface of parapet, run roof flashing membrane under coping and lap with cont. Waterproofing membrane
106-J Perlite cant
106-K Cont. Removable s.s. reglet w/3" lap at seams . Install bead of sealant w/in 3" lap area. combine w/s.s. counter flashing. See roof detail sheet.
106-L Not used
106-M Sealant
106-N Run roof membrane up wall and lap w/2-pc. Mtl. Flashing; lap and seal flashing; terminate with s.s. termination bar & gasketed s.s. fastener; seal w/polyurethane sealant & tool to gasketed s.s. fastener; seal w/polyurethane sealant & tool
Facilitate water run-off
106-O Run roof membranes up wall and lap w/vapor retardar.
106-P Lap roof flashing ply over parapet and down wall; terminate w/2-pc. Mtl. Flashing
106-Q Cont. Vapor retarder, lap + seal, turn up @ perimeter
106-R Concrete filled composite metal deck; ref. Struct.
106-S Overlap roofing 4" min. Over front
106 -T Exist. Thermoplastic roofing system. Verify w/roofing manuf. Specific req. For base & counter flashing so as to be compatible with exist. roofing system.
106-U Gutter with Downspout and splash block.

107 Typical Aluminum Window:
107-A Fixed, or combination aluminum window unit; Reference building. elevations and window types, perimeter caulk @int. + ext. In custom color to match selected win. color, provide manufacturer's fabricated anchor straps and interior cover trim; secure to interior steel framed or structural concrete wall with min. 2" edge overlap. Provide Fully welded prefinished aluminum sill pan receptor with end dams by window manufacturer. (full width of opening) match window wall color and finish., set in continuous bed of silicone sealant; seal terminations and penetrations
107-B 1" insulated low-e glazing.
107-C PVC sealant backer and shim.
107-D Window strap attachment by window manufacturer. Set in sealant bed
107-G Prefinished 2-piece interior cover trim by window manufacturer. Secure to steel framed wall or concrete wall. Cover all strap anchors.

108 Typical Concrete Masonry Unit Backing Wall:
108-A 8" Reinforced Concrete masonry wall. See structural drawings for reinforcing.
108-B 8" Concrete Masonry Bond Beam course with continuous reinforcing. See structural drawings for reinforcing.
108-C Continuous Bituminous Damp Proofing on face of CMU.
108-D Masonry Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing.
108-E Masonry Isolation Joint. between walls bearing on new structure and walls bearing on existing structure. 3/4" wide with Compressible filler, backing rod and sealant. Sealant to be compatable with waterproofing.
108-G 3/8" Stainless steel anchor bolt at 24" O.C. grouted into bond course.
108-H Masonry Tie.

109 Typical Cut Stone Coping:
109-A Cut stone coping w/cont. Drip edge ea. Side, rake mortar jts. And install backer rod + sealant, typ.
109-B Set cut stone coping on 1/2" mortar bed over flashing w/s.s. drip edge each side
109-C Backer sealant and rod (@ outer edge of coping head joints)
109-D Throughwall flashing with stainless steel drip edge lapped and sealed
109-E 3/8" dia. Stainless steel dowels w/ 3/8" dia. S.s. anchor whook at ea. Joint (grout solid at all anchorage, @ 24" oc; min. 2-dowels per pc., seal flashing at all penetrations. Embeded dowel in compatible mastic sealant @ flashing penetration
109-F Remove exist stone coping; cut existing flashing at level of underside of existing coping & refer to key note 106-t for new flashing notes.

110 Typical Aluminum Entrances:
110-A Aluminum Entrance Framing.
110-B Aluminum Entrance Door
110-C Alumnium Entrance Threshold. Set In Sealant

114 Interior Finish Gypsum Board and Trim components:
114-A 5/8" gypsum board ceiling (ptd.)
114-B 5/8" x 5/8" prefinished metal reveal; Fry Reglet drmz-625-625 (basis of design)
114-C Extruded Aluminum Corner Trim. Fry Reglet dmct-1250 (basis of design)
114-D 6" cold formed metal framing @16" o.c.
114-E ½" Thick Solid Surfacing window sill.
114-F 5/8" type 'x' gypsum board (ptd.)
114-G Built-Up Cold Formed Metal Header. See Structural Drawings for stud and track sizes, quantity and configuration.
114-H Built-Up Cold Formed Metal Sill. See Structural Drawings for stud and track sizes, quantity and configuration.
114-I Built-Up Cold Formed Metal Jamb. See Structural Drawings for stud and track sizes, quantities and configuration.
114-J Built-Up Cold Formed Metal framing adjacent to existing construction. (2) 6"x16 Ga Studs and and (1) 6" x 16 Ga track configured as shown. Provide compressible filler between framing and existing masonry construction. Do not attach framing to existing masonry construction.
114-K Gypsum Board Ceiling Suspension Channels.
114-L Acoustic Ceiling Tile.
114-M Acoustic Ceiling Suspension "T"
114-N Acoustic Ceiling Wall Angle.
114-P Ceiling Suspension Cable.
114-Q Wall Expansion Joint. Gordon Architectural Products DX200.
114-R Wall to Ceiling Expansion Joint. Gordon Architectural Products GX200.
114-S Solid Surface wall panel direct applied to scheduled partition.
114-T Solid Surface wall base direct applied to scheduled partition.
114-U Resilient wall base as scheduled on finish drawings.
114-V Impact Resistant Drywall (ptd) laminated to CMU.
114-W 3-5/8" 20 Gauge Steel Framing.
114-X 1-5/8" 20 Gauge Steel Framing.
114-Y 5/8" Type X Gypsum Board Panel.
114-Z 1" Gypsum Shaft Liner
114-AA 1/2" Cement Board.
114-AB Gypsum Board Control joint accessory.
114-AC Extruded aluminum ceiling transition.
114-AD Thin Set Ceramic Tile
114-AE Thin Set Ceramic Tile with bullnose.
114-AF 5/8" Water Resistant Gypsum Board.
114-AG "L" Bead.

115 Miscellaneous:
115-A Structural Steel Member - See structural drawings for schedules and details.
115-B Spray Fireproofing. See Life Safety Plans for required rating.
115-C Steel plate welded to shelf angle. 3/8" thick. Galvanized and painted.
115-D Solid Surfacing wall panel direct applied to gypsum wall board behind. See Elevation for height and extent.
115-E Extruded Aluminum Vented Soffit Molding FRY REGLET - WPM-75-V-400. Or approved Equal. Perforated to perform as insect screen.
115-F Existing Spray Thermal Insulation. Remove as required for access to decking for structural connections. Restore to full coverage.
115-G Aluminum Louver with insect screens. Provide welded Aluminum sill receptacle with end dams.
115-H Bent Steel Plate anchored to existing slab edge. By Cold Formed Metal Fabricator for anchoring stud framing.
115-J Steel Plate welded to underside of beam. By Cold Formed Metal Fabricator for anchoring stud framing.
115-K Recessed Floor Expansion Joint. Wabo Allure AFJ-100C.
115-L Manual Roller Shade with extruded aluminum valence.
115-M Enrance Floor Grille - 1 1/8" deep stainless steel grille. Set over recessed slab. Waterproof slab below.
115-O Radiant Ceiling Panel. Suspended in acoustic ceiling suspension system. See Mechanical Drawings.
115-P Reinforced Ground Faced CMU. Ground face on exposed surfaces.
115-R Structural Glazed Tile base
115-S Mechanical Diffuser. See Mechanical Drawings.
115-T Structural Decking. See Structural Drawings.
115-U 2 1/2" Rigid Insulation.
115-V Treated 2x Wood Blocking
115-W Structural Steel Bar Joist - See Structural Drawings.
115-X Scheduled Door Frame.
115-Y Baker rod and sealant. Confirm copatability with adjacet membranes and finish materials.

PUBLIC BUILDING COMMISSION
Chicago Public Schools

SKINNER WEST ELEMENTARY SCHOOL ANNEX
1260 W. ADAMS STREET
CHICAGO, ILLINOIS 60607

SWWB
SWWB LTD., Architects
4640 N Francisco Ave.
Chicago, IL 60625
Tel: (312) 236-0528
ARCHITECT OF RECORD

BOEMAN DESIGN, LLC
2607 West Leland Avenue
Chicago, Illinois 60625
Tel: (773) 942-6437
ASSOCIATE ARCHITECT

Stearn - Joglekar, Ltd.
Chicago, Illinois
Structural Engineer

David Mason & Associates
Chicago, Illinois
Civil Engineer

Melvin Cohen & Assoc.
Chicago, Illinois
Mechanical, Electrical, Plumbing and FP Engineer

Altamanu, Inc.
Chicago, Illinois
Landscape Architect

Shiner + Assoc., Inc.
Chicago, Illinois
Acoustics Consultant

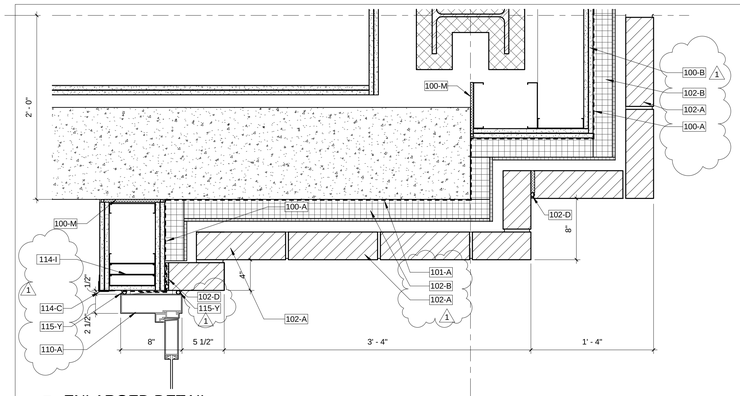
Issuance

Mark	Description	Date
	SCHEMATIC DESIGN	10.21.16
	DESIGN DEVELOPMENT	12.13.16
	60% CD REVIEW	02.06.17
	90% CD REVIEW	05.19.17
	100% CD REVIEW	06.02.17
	ISSUED FOR PERMIT	05.31.17
	ISSUED FOR BID	06.30.17
1	ADDENDUM #1	07.24.17

PBCC Contract No.: C1579
PBCC Project No.: 05045
CPS Project No.: 2017-29281-ANX
SWWB Project No.: 16-288

Title
ENLARGED DETAILS

Sheet
A6.02



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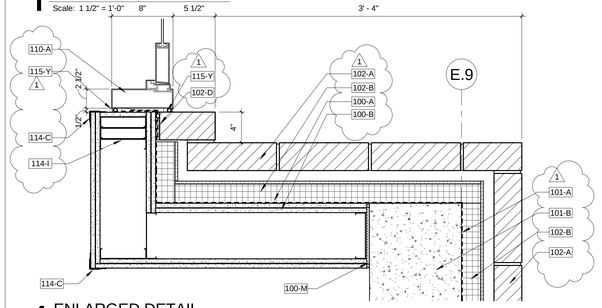

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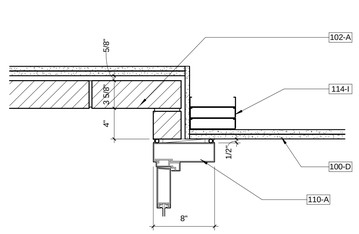

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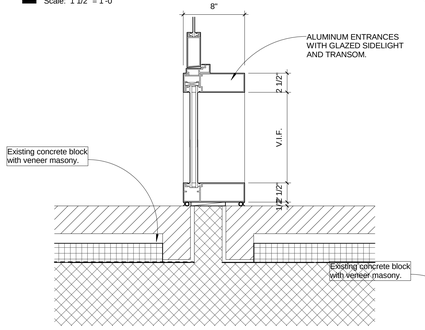

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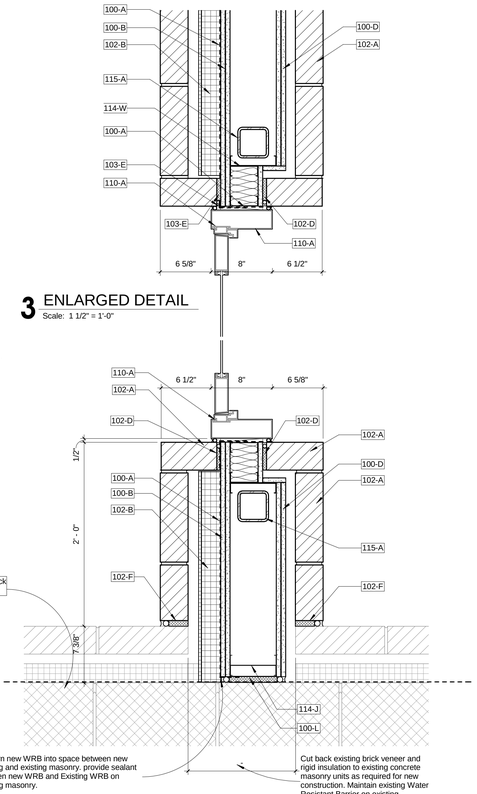

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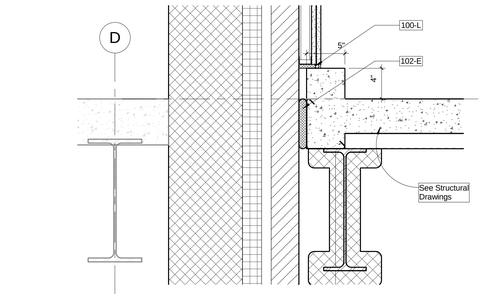

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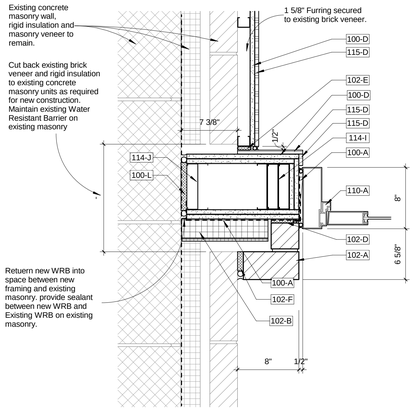

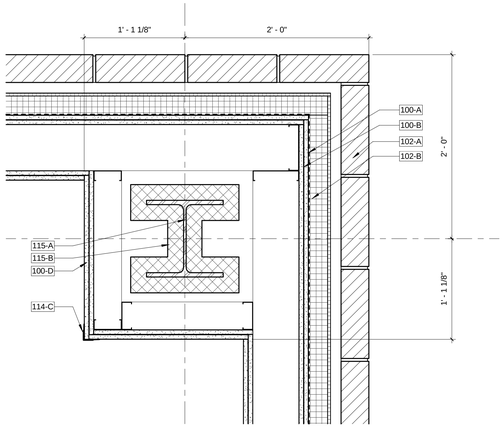

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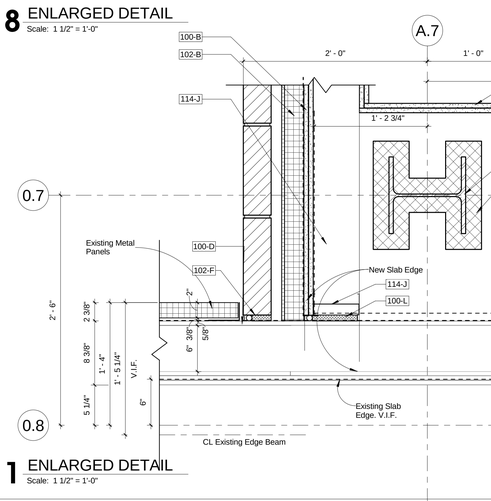

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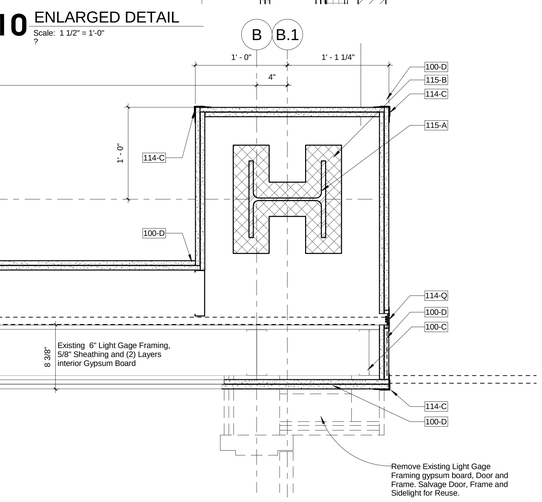
9 ENLARGED DETAIL
Scale: 1 1/2" = 1'-0"



10 ENLARGED DETAIL
Scale: 1 1/2" = 1'-0"
?

11 ENLARGED DETAIL
Scale: 1 1/2" = 1'-0"

DETAIL KEYNOTE LEGEND

100 Typical Steel- Framed Wall Assembly for Anchored Masonry Veneer:
100-A Continuous Water Resistant Barrier, Air and Vapor Barrier.
100-B (2) layers 5/8" type 'x' exterior gypsum board w/ joints taped and sealed per manufacturer's Recommendations; Dens-glass gold or approved equal.
100-C Cold formed (light gage) metal framing at a maximum of 16" o.c.; structural performance, gage and connection to primary structure. Frame shall be designed by installer under the direct supervision of a Licensed Structural Engineer registered in the State of Illinois
100-D (1)layer 5/8" type 'x' gypsum board secured to metal framing and (1)layer 5/8" abuse-resistant Gypsum board at interior (Painted); Stagger joints.
100-E Cold Formed "Z" strip. Secured to steel beam prior to installation of spray fireproofing. Size of Z as required to allow for full thickness of fireproofing. Coordinate with fireproofing contractor.
100-F Deep Leg Cold formed (light gage) metal stud runner.
100-G Inside Angle Solid with Intumescent strip.
100-H NOT USED
100-J NOT USED
100-K 1 1/2" x 1 1/2" x 1/4" galvanized steel angle continuous welded to back of steel lintel. Painted where exposed to view.
100-L Isolation Joint between new stud framing and existing construction. 3/4" wide with compressible filler, backer rod and sealant. Tuck new water proof membrane into joint prior to sealing. Existing water proofing to run through un-interupted. Sealant to be compatable with new and existing membranes.
100-M Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing. Provide Sheet metal control joint on interior.

101 Structural Concrete Wall Assembly for Anchored Masonry Veneer:
101-A Continuous Bituminous Damp Proofing on face of structural concrete wall, vapor retarding, run over top of concrete at all parapets and lap w/roofing membrane on inside of parapet, provide elastomeric flashing sheet to span all moving jts.; refer to typical details.
101-B 12" nominal poured in place concrete wall; refer to structural drawings for all wall reinforcement and details.
101-C (2) Coats interior Plaster Skim Coat.
101-D Dovetail slots at 16" o.c vertically & 32" o.c. horizontally. in concrete w/ flexible galv. Dovetail anchor.

102 Typical Anchored Masonry Veneer:
102-A Facebrick coordinate with elevation for masonry unit color and sizes.
102-B 2 1/2" cavity insulation min. R-15.8, taped and sealed w/ continuous integrated drainage mat "therma drain" Friction fit w/cut insul. For snug fit
102-C Galvanized Ladder/eye + pintle reinforcing. At 16" o.c. vertically stop either side of all masonry expansion jt.s. Hold eyes clear of cavity rigid insulation.
102-D Brick Veneer Expansion Joint. 1/2" wide with compressible expansion joint filler, backer rod and sealant.
102-E Compressible Filler.
102-F Brick Veneer Isolation joint at connection of new masonry veneer to existing masonry veneer. 3/4" wide with compressible expansion joint filler, backer rod and sealant.

103 Typical Window Openings and Sills in wall with Anchored Masonry Veneer:
103-A Two Piece continuous flashing with Stainless Steel drip edge (lapped + Sealed), To run continuous full length of shelf angle or lintel. At ends of lintel or shelf angle provide 2" high end dam 1/2" beyond end of steel shelf angle or lintel; see typical flashing details.
103-B Weep/Vent hole ventilators at 24" o.c.
103-C Continuous Galvanized Steel Shelf Angle. See Structural Drawings for Shelf angle Schedule and details. Painted.
103-D Mortar Net Installed above flashing.
103-E Detail Membrane - Water and Air Barrier wrap into openings. Overlap wall base membrane by 3" all (4) sides of opening. Extend membrane into opening full depth of frame. Trim excess on interior.
103-F Limestone sill with coped top and continuous drip edge. Dowell into adjacent Limestone sills and masonry at ends with 1/4" stainless steel dowells.Seal dowell penetrations at end dams.
103-G Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically and lap over Water Resistant Barrier at window sill. Provide end dams.
103-H Corrigated Weep.
103-J (2) layers 1/2" treated plywood. Secured to structural steel or Cold Formed Framing.
103-K (1) Layer 1/2" treated plywood. Secured to Cold Formed Framing.
103-L Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically up wall a minimum of 8". Lap over Water Resistant Barrier. Mechanically terminate with termination bar.
103-M Stainless Steel Stone Anchor. With 1/4 dowells set in limestone sills. Set anchor in sealant and anchored through flashing to cold formed framing. Provide at each joint in limestone sill.
103-N Galvanized Steel Loose Lintel. See Structural drawings for lintel schedule and details. Painted.
103-0 Galvanized Steel Angle welded to loose angle.

104 Typical Foundation:
104-A Reinforced concrete floor slab; refer to Structural drawings for details and reinforcing.
104-B Pre-formed joint filler at slab perimeter.
104-C Continuous vapor retarder (shown dashed); lap and turn up at perimeter; seal all penetrations, ref. 03300
104-D Compacted granular fill; refer to specification and structural dwgs.
104-E Continuous 2" thick (r-10) perimeter foam-plastic board insulation and protection cs. extend from top of footing to underside of slab at bldg. Perimeter
104-F 1/2" expansion joint & sealant
104-G Concrete curb, refer structural drawings
104-H Thickened slab, refer to structural drawings.
104-J Continuous 2" thick (r-10) foam-plastic board insulation and protection underside of slab. 2'-0" wide.

105 Typical Flashing at Roof and Masonry Walls:
105-A .063" Thick. Prefinished aluminum coping system with prefabricated corner pieces.
105-B Galvanized steel anchor plate
105-C Splice plate (shown dashed)
105-D Run roofing over blocking & lap 4" over front
105-E Treated lumber blocking. Lap with continuous waterproof membrane. Anchored to framing below.
105-F Omit mortar and install pre-compressed expanding foam sealant @top of mas./coping, min 3/8" thick
105-G 2x treated wood blocking - kerfed and stud bolted to cold formed (light gage) metal track runner with 3/8" Stainless Steel Anchor @24" o.c. staggered; cantilevered over masonry veneer system. Lap with continuous waterproofing membrane.
105-H Continuous Expansion Joint Cover. Johns Manville DF/EJ or approved equal). Adhere top metal flange in full bed of mastic.
105-J Continous Flexible Vapor Retarder with Compressible insulation. Lapped and sealed at all joints.
105-K Stainless Steel Reglet and Counter Flashing. Reglet wedged and sealed. Counter Flashing secured with 3" H x 2" wide stainless steel clips at 30" o.c. Clips to be secured with 2 fasteners (2).
105-L Run Waterproofing membrane run over roof blocking and lap existing elastomeric coating and/or flashing at parapet interior.
105-M Treated 2x blocking between studs for securing counter flashing.
105-N Rigid insulation friction fit between steel studs, sheathing and slab edges to form air tight barrier.
105-P Continuous removable stainless steel counter flashing.
105-Q Rigid Polyisocyanurate insulation. Provide in thicknessess to fill cavity as shown.
105-R 3/8" Stainless Steel Anchor Bolt at 24". O.C.
105-S 3/8" Stainless Steel Anchore at 24" 0.C.

106 Typical Modified Bituminous Roof Assembly:
106-A Modified bituminous roof system
106-B 1/2" perlite cover board: r - 2.08
106-C min. 5" rigid polyisocyanurate insulation w/staggered jts at layers.; r-24.2 min.
106-D Open web bar joists
106-E Ledger- see structural dwgs.
106-F Perimeter deck edge angle; refer to struct. Dwgs.
106-G Galvanized metal deck; refer to struct. Dwgs.
106-H Run roof flashing membrane up vertical surface of parapet, run roof flashing membrane under coping and lap with cont. Waterproofing membrane
106-J Perlite cant
106-K Cont. Removable s.s. reglet w/3" lap at seams . Install bead of sealant w/in 3" lap area. combine w/s.s. counter flashing. See roof detail sheet.
106-L Not used
106-M Sealant
106-N Run roof membrane up wall and lap w/2-pc. Mtl. Flashing; lap and seal flashing; terminate with s.s. termination bar & gasketed s.s. fastener; seal w/polyurethane sealant & tool to gasketed s.s. fastener; seal w/polyurethane sealant & tool
Facilitate water run-off
106-O Run roof membranes up wall and lap w/vapor retardar.
106-P Lap roof flashing ply over parapet and down wall; terminate w/2-pc. Mtl. Flashing
106-Q Cont. Vapor retarder, lap + seal, turn up @ perimeter
106-R Concrete filled composite metal deck; ref. Struct.
106-S Overlap roofing 4" min. Over front
106 -T Exist. Thermoplastic roofing system. Verify w/roofing manuf. Specific req. For base & counter flashing so as to be compatible with exist. roofing system.
106-U Gutter with Downspout and splash block.

107 Typical Aluminum Window:
107-A Fixed, or combination aluminum window unit; Reference building, elevations and window types, perimeter caulk @int. + ext. In custom color to match selected win. color, provide manufacturer's fabricated anchor straps and interior cover trim; secure to interior steel framed or structural concrete wall with min. 2" edge overlap. Provide Fully welded prefinished aluminum sill pan receptor with end dams by window manufacturer. (full width of opening) match window wall color and finish., set in continuous bed of silicone sealant; seal terminations and penetrations
107-B 1" insulated low-e glazing.
107-C PVC sealant backer and shim.
107-D Window strap attachment by window manufacturer. Set in sealant bed
107-G Prefinished 2-piece interior cover trim by window manufacturer. Secure to steel framed wall or concrete wall. Cover all strap anchors.

108 Typical Concrete Masonry Unit Backing Wall:
108-A 8" Reinforced Concrete masonry wall. See structural drawings for reinforcing.
108-B 8" Concrete Masonry Bond Beam course with continuous reinforcing. See structural drawings for reinforcing.
108-C Continuous Bituminous Damp Proofing on face of CMU.
108-D Masonry Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing.
108-E Masonry Isolation Joint, between walls bearing on new structure and walls bearing on existing structure. 3/4" wide with Compressible filler, backing rod and sealant. Sealant to be compatable with waterproofing.
108-G 3/8" Stainless steel anchor bolt at 24" O.C. grouted into bond course.
108-H Masonry Tie.

109 Typical Cut Stone Coping:
109-A Cut stone coping w/cont. Drip edge ea. Side, rake mortar jts. And install backer rod + sealant, typ.
109-B Set cut stone coping on 1/2" mortar bed over flashing w/s.s. drip edge each side
109-C Backer sealant and rod (@ outer edge of coping head joints)
109-D Throughwall flashing with stainless steel drip edge lapped and sealed
109-E 3/8" dia. Stainless steel dowels w/ 3/8" dia. S.s. anchor w/hook at ea. Joint (grout solid at all anchorage, @ 24" oc; min. 2-dowels per pc., seal flashing at all penetrations. Embeded dowel in compatible mastic sealant @ flashing penetration
109-F Remove exist stone coping; cut existing flashing at level of underside of existing coping & refer to key note 106-t for new flashing notes.

110 Typical Aluminum Entrances:
110-A Aluminum Entrance Framing.
110-B Aluminum Entrance Door.
110-C Alumnium Entrance Threshold. Set In Sealant

114 Interior Finish Gypsum Board and Trim components:
114-A 5/8" gypsum board ceiling (ptd.)
114-B 5/8" x 5/8" prefinished metal reveal; Fry Reglet drmz-625-625 (basis of design)
114-C Extruded Aluminum Corner Trim. Fry Reglet drnct-1250 (basis of design)
114-D 6" cold formed metal framing @16" o.c.
114-E ½" Thick Solid Surfacing window sill.
114-F 5/8" type 'x' gypsum board (ptd.)
114-G Built-Up Cold Formed Metal Header. See Structural Drawings for stud and track sizes, quantity and configuration.
114-H Built-Up Cold Formed Metal Sill. See Structural Drawings for stud and track sizes, quantity and configuration.
114-I Built-Up Cold Formed Metal Jamb. See Structural Drawings for stud and track sizes, quantities and configuration.
114-J Built-Up Cold Formed Metal framing adjacent to existing construction. (2) 6"x16 Ga Studs and and (1) 6" x 16 Ga track configured as shown. Provide compressible filler between framing and existing masonry construction. Do not attach framing to existing masonry construction.
114-K Gypsum Board Ceiling Suspension Channels.
114-L Acoustic Ceiling Tile.
114-M Acoustic Ceiling Suspension "T"
114-N Acoustic Ceiling Wall Angle.
114-P Ceiling Suspension Cable.
114-Q Wall Expansion Joint. Gordon Architectural Products DX200.
114-R Wall to Ceiling Expansion Joint. Gordon Architectural Products GX200.
114-S Solid Surface wall panel direct applied to scheduled partition.
114-T Solid Surface wall base direct applied to scheduled partition.
114-U Resilient wall base as scheduled on finish drawings.
114-V Impact Resistant Drywall (ptd) laminated to CMU.
114-W 3-5/8" 20 Gauge Steel Framing.
114-X 1-5/8" 20 Gauge Steel Framing.
114-Y 5/8" Type X Gypsum Board Panel.
114-Z 1" Gypsum Shaft Liner
114-AA 1/2" Cement Board.
114-AB Gypsum Board Control joint accessory.
114-AC Extruded aluminum ceiling transition.
114-AD Thin Set Ceramic Tile
114-AE Thin Set Ceramic Tile with bullnose.
114-AF 5/8" Water Resistant Gypsum Board.
114-AG "L" Bead.

115 Miscellaneous:
115-A Structural Steel Member - See structural drawings for schedules and details.
115-B Spray Fireproofing. See Life Safety Plans for required rating.
115-C Steel plate welded to shelf angle. 3/8" thick. Galvanized and painted.
115-D Solid Surfacing wall panel direct applied to gypsum wall board behind. See Elevation for height and extent.
115-E Extruded Aluminum Vented Soffit Molding FRY REGLET - WPM-75-V-400. Or approved Equal. Perforated to perform as insect screen.
115-F Existing Spray Thermal Insulation. Remove as required for access to decking for structural connections. Restore to full coverage.
115-G Aluminum Louver with insect screens. Provide welded Aluminum sill receptacle with end dams.
115-H Bent Steel Plate anchored to existing slab edge. By Cold Formed Metal Fabricator for anchoring stud framing.
115-J Steel Plate welded to underside of beam. By Cold Formed Metal Fabricator for anchoring stud framing.
115-K Recessed Floor Expansion Joint. Wabo Allure AFJ-100C.
115-L Manual Roller Shade with extruded aluminum valence.
115-M Entrance Floor Grille - 1 1/8" deep stainless steel grille. Set over recessed slab. Waterproof slab below.
115-O Radiant Ceiling Panel. Suspended in acoustic ceiling suspension system. See Mechanical Drawings.
115-P Reinforced Ground Faced CMU. Ground face on exposed surfaces.
115-R Structural Glazed Tile base
115-S Mechanical Diffuser. See Mechanical Drawings.
115-T Structural Decking. See Structural Drawings.
115-U 2 1/2" Rigid Insulation.
115-V Treated 2x Wood Blocking
115-W Structural Steel Bar Joist - See Structural Drawings.
115-X Scheduled Door Frame.
115-Y Baker rod and sealant. Confirm copatability with adjacet membranes and finish materials.

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SWWB
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4640 N Francisco Ave.
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ARCHITECT OF RECORD

BOEMAN DESIGN, LLC
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Chicago, Illinois 60625
Tel: (773) 942-6437
ASSOCIATE ARCHITECT

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Chicago, Illinois
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David Mason & Associates
Chicago, Illinois
Civil Engineer

Melvin Cohen & Assoc.
Chicago, Illinois
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Issuance

Mark	Description	Date
	SCHEMATIC DESIGN	10.21.16
	DESIGN DEVELOPMENT	12.13.16
	60% CD REVIEW	02.06.17
	90% CD REVIEW	05.19.17
	100% CD REVIEW	06.02.17
	ISSUED FOR PERMIT	05.31.17
	ISSUED FOR BID	06.30.17
1	ADDENDUM #1	07.24.17

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PBCC Project No.: 05045
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SWWB Project No.: 16-288

Title
ENLARGED DETAILS

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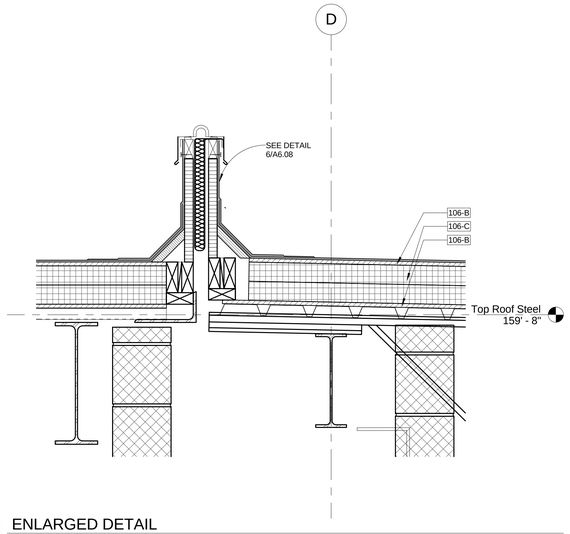
A6.03



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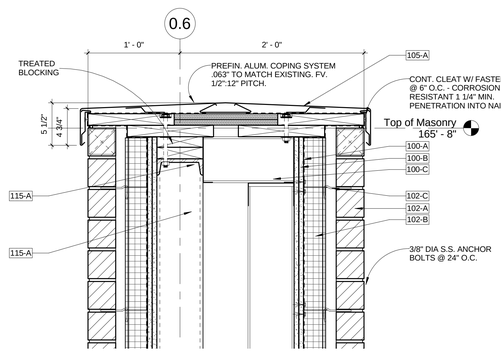

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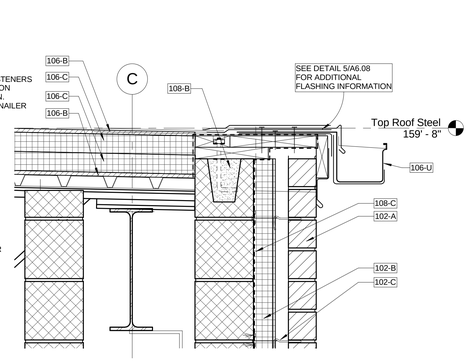

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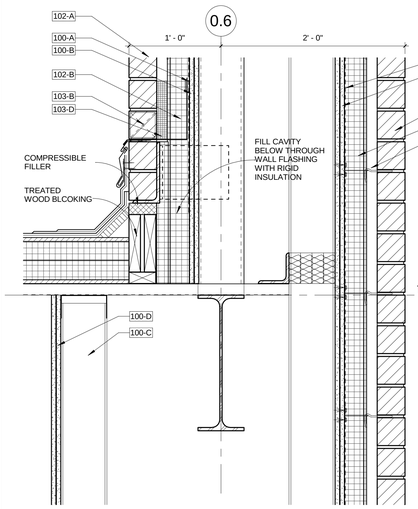

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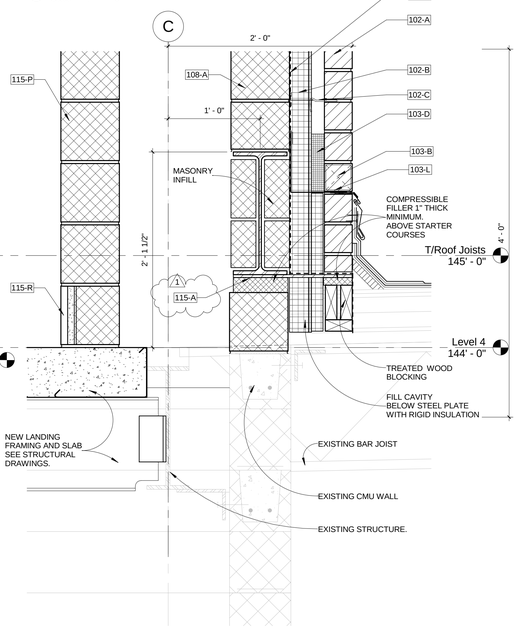

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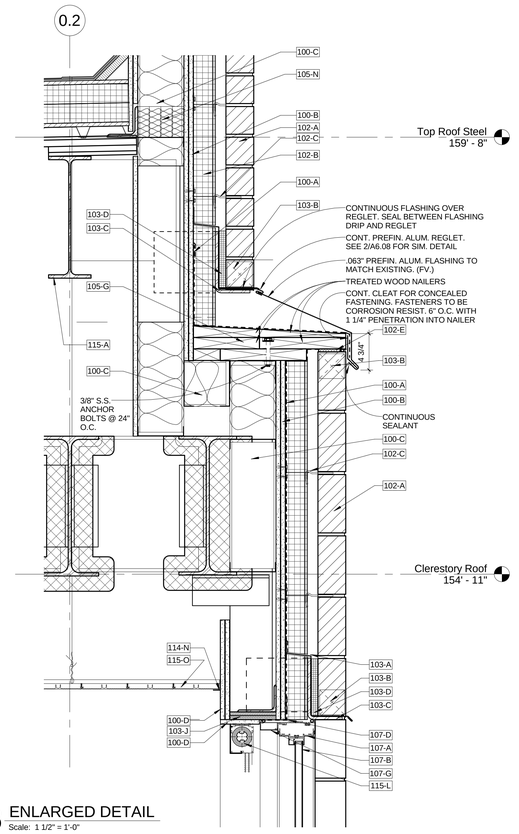

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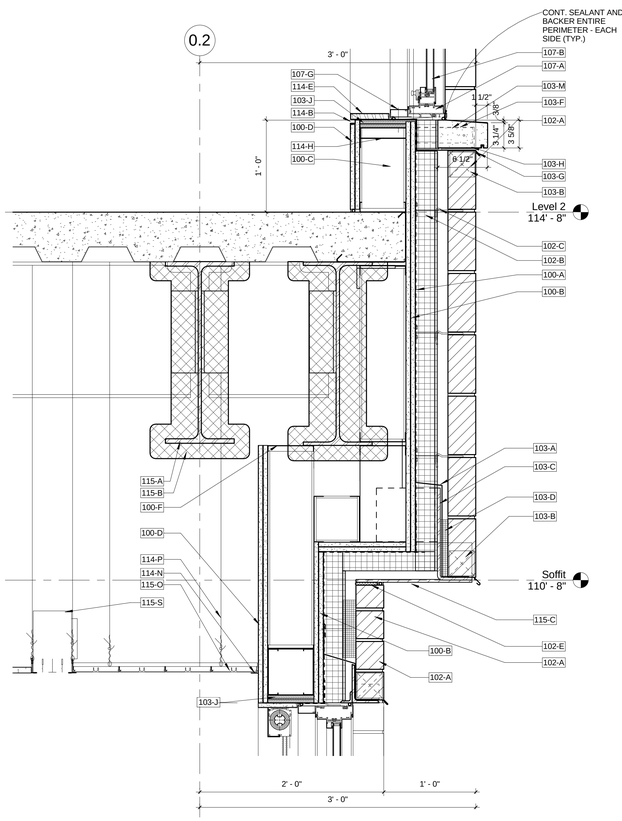

8 ENLARGED DETAIL
Scale: 1 1/2" = 1'-0"

DETAIL KEYNOTE LEGEND

100 Typical Steel- Framed Wall Assembly for Anchored Masonry Veneer:
100-A Continuous Water Resistant Barrier, Air and Vapor Barrier.
100-B (2) layers 5/8" type 'x' exterior gypsum board w/ joints taped and sealed per manufacturer's Recommendations; Dens-glass gold or approved equal.
100-C Cold formed (light gage) metal framing at a maximum of 16" o.c. ; structural performance, gage and connection to primary structure. Frame shall be designed by installer under the direct supervision of a Licensed Structural Engineer registered in the State of Illinois
100-D (1)layer 5/8" type 'x' gypsum board secured to metal framing and (1)layer 5/8" abuse-resistant Gypsum board at interior (Painted); Stagger joints.
100-E Cold Formed "Z" strip. Secured to steel beam prior to installation of spray fireproofing. Size of Z as required to allow for full thickness of fireproofing. Coordinate with fireproofing contractor.
100-F Deep Leg Cold formed (light gage) metal stud runner.
100-G Inside Angle Solid with Intumescent strip.
100-H NOT USED
100-J NOT USED
100-K 1 1/2" x 1 1/2" x 1/4" galvanized steel angle continuous welded to back of steel lintel. Painted where exposed to view.
100-L Isolation Joint between new stud framing and existing construction. 3/4" wide with compressible filler, backer rod and sealant. Tuck new water proof membrane into joint prior to sealing. Existing water proofing to run through un-interupted. Sealant to be compatable with new and existing membranes.
100-M Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing. Provide Sheet metal control joint on interior.

101 Structural Concrete Wall Assembly for Anchored Masonry Veneer:
101-A Continuous Bituminous Damp Proofing on face of structural concrete wall, vapor retarding, run over top of concrete at all parapets and lap w/roofing membrane on inside of parapet, provide elastomeric flashing sheet to span all moving jts., refer to typical details.
101-B 12" nominal poured in place concrete wall, refer to structural drawings for all wall reinforcement and details.
101-C (2) Coats interior Plaster Skim Coat.
101-D Dovetail slots at 16" o.c vertically & 32" o.c. horizontally. in concrete w/ flexible galv. Dovetail anchor.

102 Typical Anchored Masonry Veneer:
102-A Facebrick coordinate with elevation for masonry unit color and sizes.
102-B 2 1/2" cavity insulation min. R-15.8, taped and sealed w/ continuous integrated drainage mat "therma drain" Friction fit w/cut insul. For snug fit
102-C Galvanized Ladder/eye + pintle reinforcing. At 16" o.c. vertically stop either side of all masonry expansion jt.s. Hold eyes clear of cavity rigid insulation.
102-D Brick Veneer Expansion Joint. 1/2" wide with compressible expansion joint filler, backer rod and sealant.
102-E Compressible Filler.
102-F Brick Veneer Isolation joint at connection of new masonry veneer to existing masonry veneer. 3/4" wide with compressible expansion joint filler, backer rod and sealant.

103 Typical Window Openings and Sills in wall with Anchored Masonry Veneer:
103-A Two Piece continuous flashing with Stainless Steel drip edge (lapped + Sealed), To run continuous full length of shelf angle or lintel. At ends of lintel or shelf angle provide 2" high end dam 1/2" beyond end of steel shelf angle or lintel; see typical flashing details.
103-B Weep/Vent hole ventilators at 24" o.c.
103-C Continuous Galvanized Steel Shelf Angle. See Structural Drawings for Shelf angle Schedule and details. Painted.
103-D Mortar Net Installed above flashing.
103-E Detail Membrane - Water and Air Barrier wrap into openings. Overlap wall base membrane by 3" all (4) sides of opening. Extend membrane into opening full depth of frame. Trim excess on interior.
103-F Limestone sill with coped top and continuous drip edge. Dowell into adjacent Limestone sills and masonry at ends with 1/4" stainless steel dowells.Seal dowell penetrations at end dams.
103-G Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically and lap over Water Resistant Barrier at window sill. Provide end dams.
103-H Corrigated Weep.
103-J (2) layers 1/2" treated plywood. Secured to structural steel or Cold Formed Framing.
103-K (1) Layer 1/2" treated plywood. Secured to Cold Formed Framing.
103-L Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically up wall a minimum of 8". Lap over Water Resistant Barrier. Mechanically terminate with termination bar.
103-M Stainless Steel Stone Anchor. With 1/4 dowells set in limestone sills. Set anchor in sealant and anchored through flashing to cold formed framing. Provide at each joint in limestone sill.
103-N Galvanized Steel Loose Lintel. See Structural drawings for lintel schedule and details. Painted.
103-0 Galvanized Steel Angle welded to loose angle.

104 Typical Foundation:
104-A Reinforced concrete floor slab; refer to Structural drawings for details and reinforcing.
104-B Pre-formed joint filler at slab perimeter.
104-C Continuous vapor retarder (shown dashed); lap and turn up at perimeter; seal all penetrations, ref. 03300
104-D Compacted granular fill; refer to specification and structural dwgs.
104-E Continuous 2" thick (r-10) perimeter foam-plastic board insulation and protection cs. extend from top of footing to underside of slab at bldg. Perimeter
104-F 1/2" expansion joint & sealant
104-G Concrete curb, refer structural drawings
104-H Thickened slab, refer to structural drawings.
104-J Continuous 2" thick (r-10) foam-plastic board insulation and protection underside of slab. 2'-0" wide.

105 Typical Flashing at Roof and Masonry Walls:
105-A .063" Thick. Prefinished aluminum coping system with prefabricated corner pieces.
105-B Galvanized steel anchor plate
105-C Splice plate (shown dashed)
105-D Run roofing over blocking & lap 4" over front
105-E Treated lumber blocking, Lap with continuous waterproof membrane. Anchored to framing below.
105-F Omit mortar and install pre-compressed expanding foam sealant @top of mas./coping, min 3/8" thick
105-G 2x treated wood blocking - kerfed and stud bolted to cold formed (light gage) metal track runner with 3/8" Stainless Steel Anchor @24" o.c. staggered; cantilevered over masonry veneer system. Lap with continuous waterproofing membrane.
105-H Continuous Expansion Joint Cover. Johns Manville DF/EJ or approved equal). Adhere top metal flange in full bed of mastic.
105-J Continous Flexible Vapor Retarder with Compressible insulation. Lapped and sealed at all joints.
105-K Stainless Steel Reglet and Counter Flashing. Reglet wedged and sealed. Counter Flashing secured with 3" H x 2" wide stainless steel clips at 30" o.c. Clips to be secured with 2 fasteners (2).
105-L Run Waterproofing membrane run over roof blocking and lap existing elastomeric coating and/or flashing at parapet interior.
105-M Treated 2x blocking between studs for securing counter flashing.
105-N Rigid insulation friction fit between steel studs, sheathing and slab edges to form air tight barrier.
105-P Continuous removable stainless steel counter flashing.
105-Q Rigid Polysocyanurate insulation. Provide in thicknessess to fill cavity as shown.
105-R 3/8" Stainless Steel Anchor Bolt at 24". O.C.
105-S 3/8" Stainless Steel Anchore at 24" 0.C.

106 Typical Modified Bituminous Roof Assembly:
106-A Modified bituminous roof system
106-B 1/2" perlite cover board: r - 2.08
106-C min. 5" rigid polyisocyanurate insulation w/staggered jts at layers.; r-24.2 min.
106-D Open web bar joists
106-E Ledger- see structural dwgs.
106-F Perimeter deck edge angle; refer to struct. Dwgs.
106-G Galvanized metal deck; refer to struct. Dwgs.
106-H Run roof flashing membrane up vertical surface of parapet, run roof flashing membrane under coping and lap with cont. Waterproofing membrane
106-J Perlite cant
106-K Cont. Removable s.s. reglet w/3" lap at seams . Install bead of sealant w/in 2" lap area. combine w/s.s. counter flashing. See roof detail sheet.
106-L Not used
106-M Sealant
106-N Run roof membrane up wall and lap w/2-pc. Mtl. Flashing; lap and seal flashing; terminate with s.s. termination bar & gasketed s.s. fastener; seal w/polyurethane sealant & tool to gasketed s.s. fastener; seal w/polyurethane sealant & tool
Facilitate water run-off
106-O Run roof membranes up wall and lap w/vapor retardar.
106-P Lap roof flashing ply over parapet and down wall; terminate w/2-pc. Mtl. Flashing
106-Q Cont. Vapor retarder, lap + seal, turn up @ perimeter
106-R Concrete filled composite metal deck; ref. Struct.
106-S Overlap roofing 4" min. Over front
106 -T Exist. Thermoplastic roofing system. Verify w/roofing manuf. Specific req. For base & counter flashing so as to be compatible with exist. roofing system.
106-U Gutter with Downspout and splash block.

107 Typical Aluminum Window:
107-A Fixed, or combination aluminum window unit; Reference building. elevations and window types, perimeter caulk @int. + ext. In custom color to match selected win. color, provide manufacturer's fabricated anchor straps and interior cover trim; secure to interior steel framed or structural concrete wall with min. 2" edge overlap. Provide Fully welded prefinished aluminum sill pan receptor with end dams by window manufacturer. (full width of opening) match window wall color and finish., set in continuous bed of silicone sealant; seal terminations and penetrations
107-B 1" insulated low-e glazing.
107-C PVC sealant backer and shim.
107-D Window strap attachment by window manufacturer. Set in sealant bed
107-G Prefinished 2-piece interior cover trim by window manufacturer. Secure to steel framed wall or concrete wall. Cover all strap anchors.

108 Typical Concrete Masonry Unit Backing Wall:
108-A 8" Reinforced Concrete masonry wall. See structural drawings for reinforcing.
108-B 8" Concrete Masonry Bond Beam course with continuous reinforcing. See structural drawings for reinforcing.
108-C Continious Bituminous Damp Proofing on face of CMU.
108-D Masonry Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing.
108-E Masonry Isolation Joint. between walls bearing on new structure and walls bearing on existing structure. 3/4" wide with Compressible filler, backing rod and sealant. Sealant to be compatable with waterproofing.
108-G 3/8" Stainless steel anchor bolt at 24" O.C. grouted into bond course.
108-H Masonry Tie.

109 Typical Cut Stone Coping:
109-A Cut stone coping w/cont. Drip edge ea. Side, rake mortar jts. And install backer rod + sealant, typ.
109-B Set cut stone coping on 1/2" mortar bed over flashing w/s.s. drip edge each side
109-C Backer sealant and rod (@ outer edge of coping head joints)
109-D Throughwall flashing with stainless steel drip edge lapped and sealed
109-E 3/8" dia. Stainless steel dowels w/ 3/8" dia. S.s. anchor w/hook at ea. Joint (grout solid at all anchorage, @ 24" oc; min. 2-dowels per pc., seal flashing at all penetrations. Embeded dowel in compatible mastic sealant @ flashing penetration
109-F Remove exist stone coping; cut existing flashing at level of underside of existing coping & refer to key note 106-t for new flashing notes.

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ARCHITECT OF RECORD

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Title
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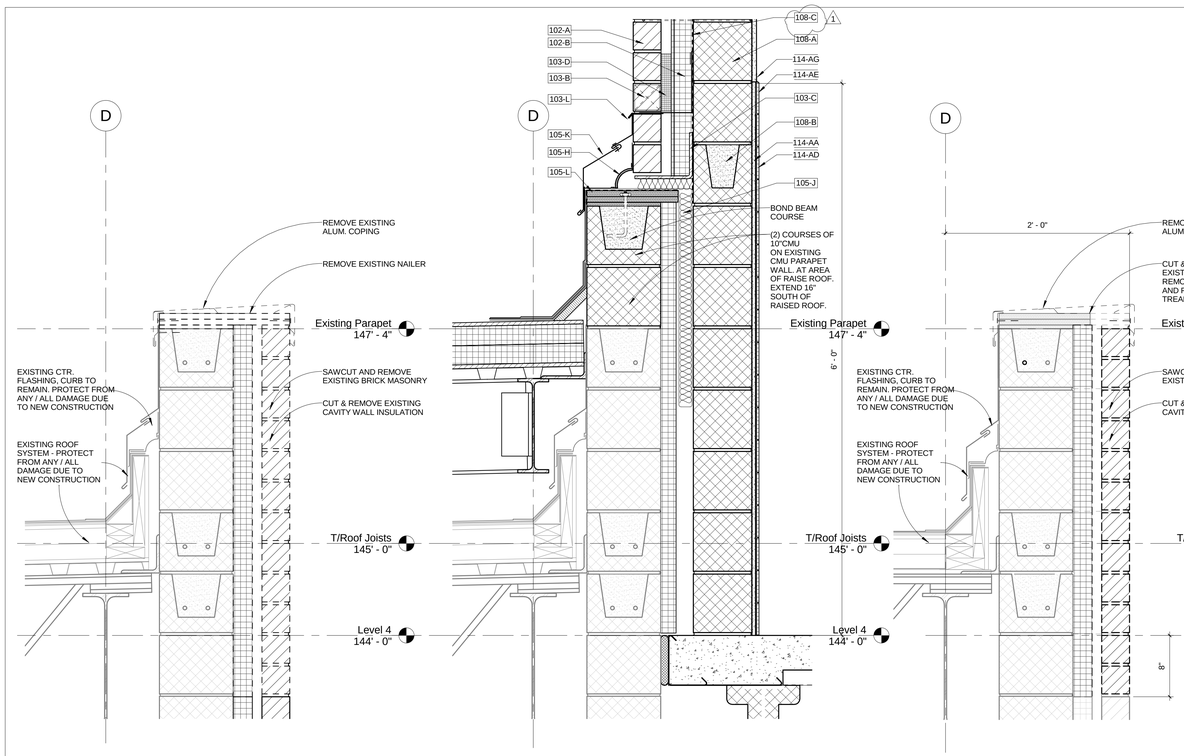

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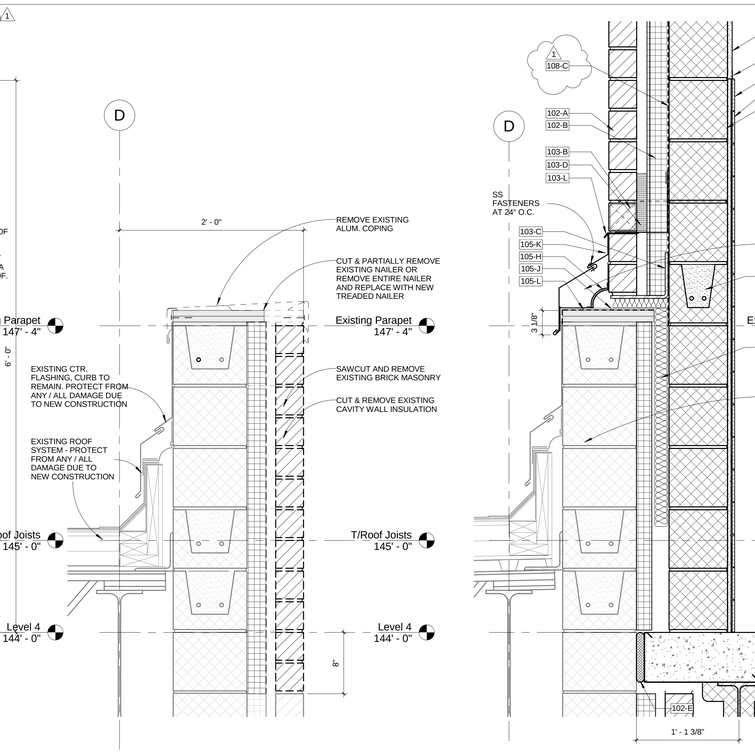

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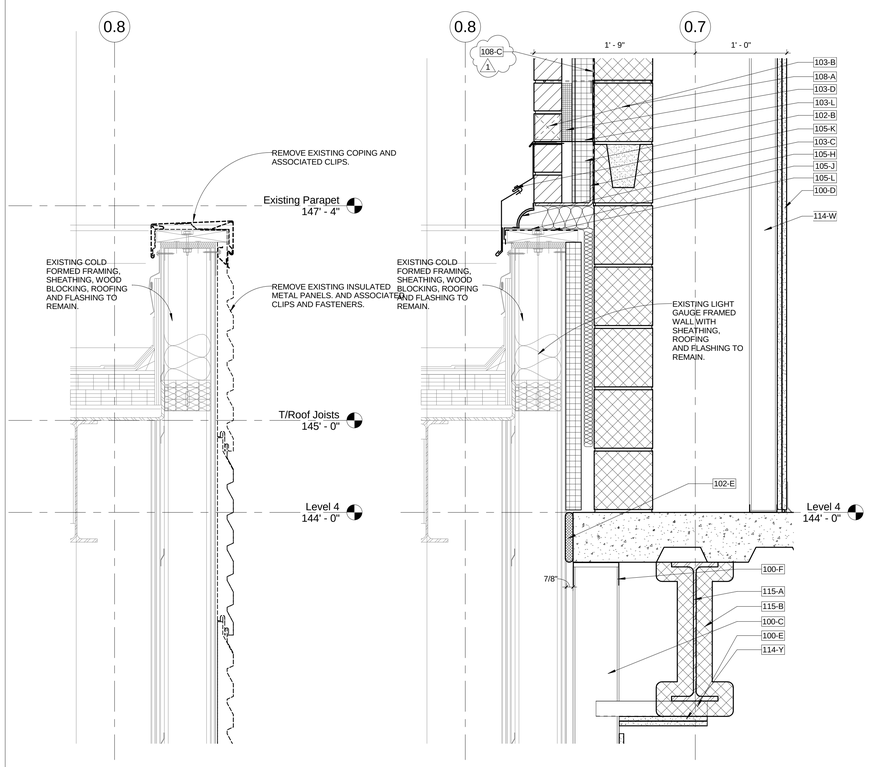

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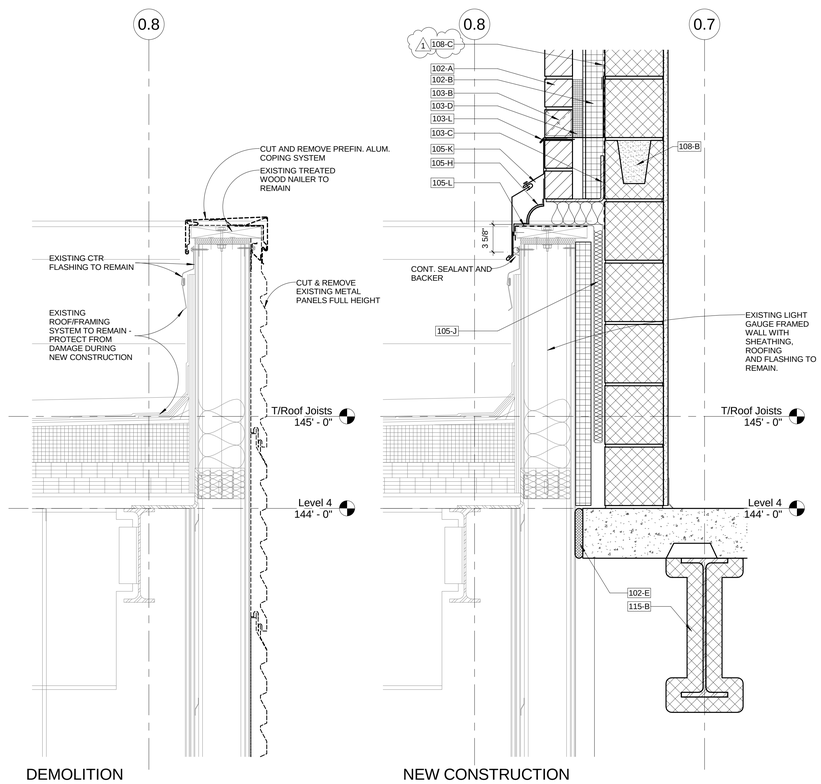
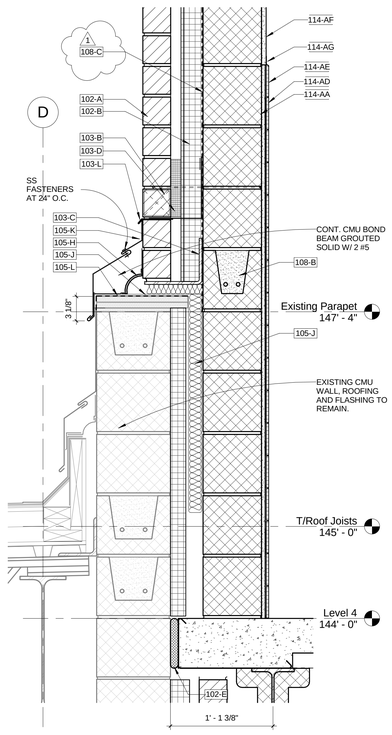


4 ENLARGED DETAIL
Scale: 1 1/2" = 1'-0"



DETAIL KEYNOTE LEGEND

100 Typical Steel- Framed Wall Assembly for Anchored Masonry Veneer:
100-A Continuous Water Resistant Barrier, Air and Vapor Barrier.
100-B (2) layers 5/8" type 'x' exterior gypsum board w/ joints taped and sealed per manufacturer's Recommendations; Dens-glass gold or approved equal.
100-C Cold formed (light gage) metal framing at a maximum of 16" o.c. ; structural performance, gage and connection to primary structure. Frame shall be designed by installer under the direct supervision of a Licensed Structural Engineer registered in the State of Illinois
100-D (1)layer 5/8" type 'x' gypsum board secured to metal framing and (1)layer 5/8" abuse-resistant Gypsum board at interior (Painted); Stagger joints.
100-E Cold Formed "Z" strip. Secured to steel beam prior to installation of spray fireproofing. Size of Z as required to allow for full thickness of fireproofing. Coordinate with fireproofing contractor.
100-F Deep Leg Cold formed (light gage) metal stud runner.
100-G Inside Angle Solid with Intumescent strip.
100-H NOT USED
100-J NOT USED
100-K 1 1/2" x 1 1/2" x 1/4" galvanized steel angle continuous welded to back of steel lintel. Painted where exposed to view.
100-L Isolation Joint between new stud framing and existing construction. 3/4" wide with compressible filler, backer rod and sealant. Tuck new water proof membrane into joint prior to sealing. Existing water proofing to run through un-interrupted. Sealant to be compatable with new and existing membranes.
100-M Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing. Provide Sheet metal control joint on interior.

101 Structural Concrete Wall Assembly for Anchored Masonry Veneer:
101-A Continuous Bituminous Damp Proofing on face of structural concrete wall, vapor retarding, run over top of concrete at all parapets and lap wroofing membrane on inside of parapet, provide elastomeric flashing sheet to span all moving jts.; refer to typical details.
101-B 12" nominal poured in place concrete wall; refer to structural drawings for all wall reinforcement and details.
101-C (2) Coats interior Plaster Skim Coat.
101-D Dovetail slots at 16" o.c vertically & 32" o.c. horizontally. in concrete w/ flexible galv. Dovetail anchor.

102 Typical Anchored Masonry Veneer:
102-A Facebrick coordinate with elevation for masonry unit color and sizes.
102-B 2 1/2" cavity insulation min. R-15.8, taped and sealed w/ continuous integrated drainage mat "therma drain" Friction fit w/cut insul. For snug fit
102-C Galvanized Ladder/eye + pintle reinforcing. At 16" o.c. vertically stop either side of all masonry expansion jt.s. Hold eyes clear of cavity rigid insulation.
102-D Brick Veneer Expansion Joint. 1/2" wide with compressible expansion joint filler, backer rod and sealant.
102-E Compressible Filler.
102-F Brick Veneer Isolation joint at connection of new masonry veneer to existing masonry veneer. 3/4" wide with compressible expansion joint filler, backer rod and sealant.

103 Typical Window Openings and Sills in wall with Anchored Masonry Veneer:
103-A Two Piece continuous flashing with Stainless Steel drip edge (lapped + Sealed), To run continuous full length of shelf angle or lintel. At ends of lintel or shelf angle provide 2" high end dam 1/2" beyond end of steel shelf angle or lintel; see typical flashing details.
103-B Weep/Vent hole ventilators at 24" o.c.
103-C Continuous Galvanized Steel Shelf Angle. See Structural Drawings for Shelf angle Schedule and details. Painted.
103-D Mortar Net Installed above flashing.
103-E Detail Membrane - Water and Air Barrier wrap into openings. Overlap wall base membrane by 3" all (4) sides of opening. Extend membrane into opening full depth of frame. Trim excess on interior.
103-F Limestone sill with coped top and continuous drip edge. Dowell into adjacent Limestone sills and masonry at ends with 1/4" stainless steel dowells.Seal dowell penetrations at end dams.
103-G Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically and lap over Water Resistant Barrier at window sill. Provide end dams.
103-H Corrigated Weep.
103-J (2) layers 1/2" treated plywood. Secured to structural steel or Cold Formed Framing.
103-K (1) Layer 1/2" treated plywood. Secured to Cold Formed Framing.
103-L Thru-wall flashing adhered to Stainless Steel Drip Edge. Extend flashing vertically up wall a minimum of 8". Lap over Water Resistant Barrier. Mechanically terminate with termination bar.
103-M Stainless Steel Stone Anchor. With 1/4 dowells set in limestone sills. Set anchor in sealant and anchored through flashing to cold formed framing. Provide at each joint in limestone sill.
103-N Galvanized Steel Loose Lintel. See Structural drawings for lintel schedule and details. Painted.
103-0 Galvanized Steel Angle welded to loose angle.

104 Typical Foundation:
104-A Reinforced concrete floor slab; refer to Structural drawings for details and reinforcing.
104-B Pre-formed joint filler at slab perimeter.
104-C Continuous vapor retarder (shown dashed); lap and turn up at perimeter; seal all penetrations, ref. 03300
104-D Compacted granular fill; refer to specification and structural dwgs.
104-E Continuous 2" thick (r-10) perimeter foam-plastic board insulation and protection cs. extend from top of footing to underside of slab at bldg. Perimeter
104-F 1/2" expansion joint & sealant
104-G Concrete curb, refer structural drawings
104-H Thickened slab, refer to structural drawings.
104-J Continuous 2" thick (r-10) foam-plastic board insulation and protection underside of slab. 2'-0" wide.

105 Typical Flashing at Roof and Masonry Walls:
105-A .063" Thick. Prefinished aluminum coping system with prefabricated corner pieces.
105-B Galvanized steel anchor plate
105-C Splice plate (shown dashed)
105-D Run roofing over blocking & lap 4" over front
105-E Treated lumber blocking. Lap with continuous waterproof membrane. Anchored to framing below.
105-F Omit mortar and install pre-compressed expanding foam sealant @top of mas./coping, min 3/8" thick
105-G 2x treated wood blocking - kerfed and stud bolted to cold formed (light gage) metal track runner with 3/8" Stainless Steel Anchor @24" o.c. staggered; cantilevered over masonry veneer system. Lap with continuous waterproofing membrane.
105-H Continuous Expansion Joint Cover. Johns Manville DF/EJ or approved equal). Adhere top metal flange in full bed of mastic.
105-J Continous Flexible Vapor Retarder with Compressible insulation. Lapped and sealed at all joints.
105-K Stainless Steel Reglet and Counter Flashing. Reglet wedged and sealed. Counter Flashing secured with 3" H x 2" wide stainless steel clips at 30" o.c. Clips to be secured with 2 fasteners (2).
105-L Run Waterproofing membrane run over roof blocking and lap existing elastomeric coating and/or flashing at parapet interior.
105-M Treated 2x blocking between studs for securing counter flashing.
105-N Rigid insulation friction fit between steel studs, sheathing and slab edges to form air tight barrier.
105-P Continuous removable stainless steel counter flashing.
105-Q Rigid Polyisocyanurate insulation. Provide in thicknessess to fill cavity as shown.
105-R 3/8" Stainless Steel Anchor Bolt at 24", O.C.
105-S 3/8" Stainless Steel Anchore at 24" 0.C.

106 Typical Modified Bituminous Roof Assembly:
106-A Modified bituminous roof system
106-B 1/2" perlite cover board: r - 2.08
106-C min. 5" rigid polyisocyanurate insulation w/staggered jts at layers.; r-24.2 min.
106-D Open web bar joists
106-E Ledger- see structural dwgs.
106-F Perimeter deck edge angle; refer to struct. Dwgs.
106-G Galvanized metal deck; refer to struct. Dwgs.
106-H Run roof flashing membrane up vertical surface of parapet, run roof flashing membrane under coping and lap with cont. Waterproofing membrane
106-J Perlite cant
106-K Cont. Removable s.s. reglet w/3" lap at seams . Install bead of sealant w/in 2" lap area. combine w/s.s. counter flashing. See roof detail sheet.
106-L Not used
106-M Sealant
106-N Run roof membrane up wall and lap w/2-pc. Mtl. Flashing; lap and seal flashing; terminate with s.s. termination bar & gasketed s.s. fastener; seal w/polyurethane sealant & tool to gasketed s.s. fastener; seal w/polyurethane sealant & tool
Facilitate water run-off
106-O Run roof membranes up wall and lap w/vapor retardar.
106-P Lap roof flashing ply over parapet and down wall; terminate w/2-pc. Mtl. Flashing
106-Q Cont. Vapor retarder, lap + seal, turn up @ perimeter
106-R Concrete filled composite metal deck; ref. Struct.
106-S Overlap roofing 4" min. Over front
106 -T Exist. Thermoplastic roofing system. Verify w/roofing manuf. Specific req. For base & counter flashing so as to be compatible with exist. roofing system.
106-U Gutter with Downspout and splash block.

107 Typical Aluminum Window:
107-A Fixed, or combination aluminum window unit; Reference building. elevations and window types, perimeter caulk @int. + ext. In custom color to match selected win. color, provide manufacturer's. fabricated anchor straps and interior cover trim; secure to interior steel framed or structural concrete wall with min. 2" edge overlap. Provide Fully welded prefinished aluminum sill pan receptor with end dams by window manufacturer. (full width of opening) match window wall color and finish., set in continuous bed of silicone sealant; seal terminations and penetrations
107-B 1" insulated low-e glazing.
107-C PVC sealant backer and shim.
107-D Window strap attachment by window manufacturer. Set in sealant bed
107-G Prefinished 2-piece interior cover trim by window manufacturer. Secure to steel framed wall or concrete wall. Cover all strap anchors.

108 Typical Concrete Masonry Unit Backing Wall:
108-A 8" Reinforced Concrete masonry wall. See structural drawings for reinforcing.
108-B 8" Concrete Masonry Bond Beam course with continuous reinforcing. See structural drawings for reinforcing.
108-C Contrinous Bituminous Damp Proofing on face of CMU.
108-D Masonry Control Joint, 1/2" wide with molded compressible filler, backer rod and sealant. Sealant to be compatable with waterproofing.
108-E Masonry Isolation Joint. between walls bearing on new structure and walls bearing on existing structure. 3/4" wide with Compressible filler, backing rod and sealant. Sealant to be compatable with waterproofing.
108-G 3/8" Stainless steel anchor bolt at 24" O.C. grouted into bond course.
108-H Masonry Tie.

109 Typical Cut Stone Coping:
109-A Cut stone coping w/cont. Drip edge ea. Side, rake mortar jts. And install backer rod + sealant, typ.
109-B Set cut stone coping on 1/2" mortar bed over flashing w/s.s. drip edge each side
109-C Backer sealant and rod (@ outer edge of coping head joints)
109-D Throughwall flashing with stainless steel drip edge lapped and sealed
109-E 3/8" dia. Stainless steel dowels w/ 3/8" dia. S.s. anchor w/hook at ea. Joint (grout solid at all anchorage, @ 24" oc; min. 2-dowels per pc., seal flashing at all penetrations. Embeded dowel in compatible mastic sealant @ flashing penetration
109-F Remove exist stone coping; cut existing flashing at level of underside of existing coping & refer to key note 106-I for new flashing notes.

110 Typical Aluminum Entrances:
110-A Aluminum Entrance Framing.
110-B Aluminum Entrance Door.
110-C Alumniun Entrance Threshold. Set In Sealant

114 Interior Finish Gypsum Board and Trim components:
114-A 5/8" gypsum board ceiling (ptd.)
114-B 5/8" x 5/8" prefinished metal reveal; Fry Reglet dmrz-625-625 (basis of design)
114-C Extruded Aluminum Corner Trim. Fry Reglet dmct-1250 (basis of design)
114-D 6" cold formed metal framing @16" o.c.
114-E ½" Thick Solid Surfacing window sill.
114-F 5/8" type 'x' gypsum board (ptd.)
114-G Built-Up Cold Formed Metal Header. See Structural Drawings for stud and track sizes, quantity and configuration.
114-H Built-Up Cold Formed Metal Sill. See Structural Drawings for stud and track sizes, quantity and configuration.
114-I Built-Up Cold Formed Metal Jamb. See Structural Drawings for stud and track sizes, quantities and configuration.
114-J Built-Up Cold Formed Metal framing adjacent to existing construction. (2) 6"x16 Ga Studs and and (1) 6" x 16 Ga track configured as shown. Provide compressible filler between framing and existing masonry construction. Do not attach framing to existing masonry construction.
114-K Gypsum Board Ceiling Suspension Channels.
114-L Acoustic Ceiling Tile.
114-M Acoustic Ceiling Suspension "T"
114-N Acoustic Ceiling Wall Angle.
114-P Ceiling Suspension Cable.
114-Q Wall Expansion Joint. Gordon Architectural Products DX200.
114-R Wall to Ceiling Expansion Joint. Gordon Architectural Products GX200.
114-S Solid Surface wall panel direct applied to scheduled partition.
114-T Solid Surface wall base direct applied to scheduled partition.
114-U Resilient wall base as scheduled on finish drawings.
114-V Impact Resistant Drywall (ptd) laminated to CMU.
114-W 3-5/8" 20 Gauge Steel Framing.
114-X 1-5/8" 20 Gauge Steel Framing.
114-Y 5/8" Type X Gypsum Board Panel.
114-Z 1" Gypsum Shaft Liner
114-AA 1/2" Cement Board.
114-AB Gypsum Board Control joint accessory.
114-AC Extruded aluminum ceiling transition.
114-AD Thin Set Ceramic Tile
114-AE Thin Set Ceramic Tile with bullnose.
114-AF 5/8" Water Resistant Gypsum Board.
114-AG "L" Bead.

115 Miscellaneous:
115-A Structural Steel Member - See structural drawings for schedules and details.
115-B Spray Fireproofing. See Life Safety Plans for required rating.
115-C Steel plate welded to shelf angle. 3/8" thick. Galvanized and painted.
115-D Solid Surfacing wall panel direct applied to gypsum wall board behind. See Elevation for height and extent.
115-E Extruded Aluminum Vented Soffit Molding FRY REGLET - WPM-75-V-400. Or approved Equal. Perforated to perform as insect screen.
115-F Existing Spray Thermal Insulation. Remove as required for access to decking for structural connections. Restore to full coverage.
115-G Aluminum Louver with insect screens. Provide welded Aluminum sill receptacle with end dams.
115-H Bent Steel Plate anchored to existing slab edge. By Cold Formed Metal Fabricator for anchoring stud framing.
115-J Steel Plate welded to underside of beam. By Cold Formed Metal Fabricator for anchoring stud framing.
115-K Recessed Floor Expansion Joint. Wabo Allure AFJ-100C.
115-L Manual Roller Shade with extruded aluminum valence.
115-M Enrance Floor Grille - 1 1/8" deep stainless steel grille. Set over recessed slab. Waterproof slab below.
115-O Radiant Ceiling Panel Suspended in acoustic ceiling suspension system. See Mechanical Drawings.
115-P Reinforced Ground Faced CMU. Ground face on exposed surfaces.
115-R Structural Glazed Tile base
115-S Mechanical Diffuser. See Mechanical Drawings.
115-T Structural Decking. See Structural Drawings.
115-U 2 1/2" Rigid Insulation.
115-V Treated 2x Wood Blocking
115-W Structural Steel Bar Joist - See Structural Drawings.
115-X Scheduled Door Frame.
115-Y Baker rod and sealant. Confirm copatability with adjacet membranes and finish materials.

PUBLIC BUILDING COMMISSION
Chicago Public Schools

SKINNER WEST ELEMENTARY SCHOOL ANNEX
1260 W. ADAMS STREET
CHICAGO, ILLINOIS 60607

SWWB LTD., Architects
4640 N Francisco Ave.
Chicago, IL 60625
Tel: (312) 236-0528
ARCHITECT OF RECORD

BOEMAN DESIGN, LLC
2607 West Leland Avenue
Chicago, Illinois 60625
Tel: (773) 942-6437
ASSOCIATE ARCHITECT

Stearn - Joglekar, Ltd.
Chicago, Illinois
Structural Engineer

David Mason & Associates
Chicago, Illinois
Civil Engineer

Melvin Cohen & Assoc.
Chicago, Illinois
Mechanical, Electrical, Plumbing and FP Engineer

Altamanu, Inc.
Chicago, Illinois
Landscape Architect

Shiner + Assoc., Inc.
Chicago, Illinois
Acoustics Consultant

Issuance

Mark	Description	Date
	90% CD REVIEW	05.19.17
	100% CD REVIEW	06.02.17
	ISSUED FOR PERMIT	05.31.17
	ISSUED FOR BID	06.30.17
1	ADDENDUM #1	07.24.17

PBCC Contract No.: C1579
PBCC Project No.: 05045
CPS Project No.: 2017-29281-ANX
SWWB Project No.: 16-288

Title
ENLARGED DETAILS

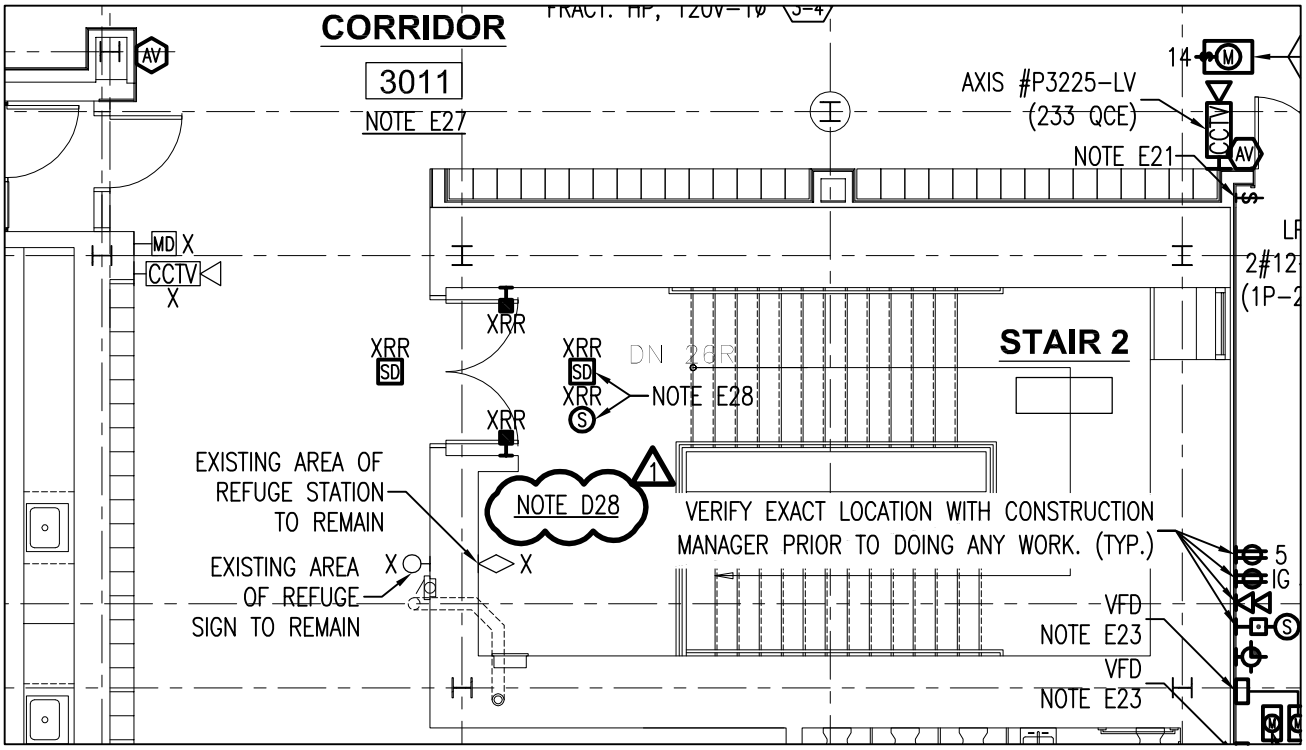
Sheet
A6.06

D27. EXISTING SCHOOL INTRUSION DETECTION SYSTEM, CCTV CAMERAS, AND INTERCOM SYSTEM HEAD END EQUIPMENT, LOCAL DEVICES, ASSOCIATED CONDUIT AND WIRING TO REMAIN. PRESERVE DURING ENTIRE CONSTRUCTION PERIOD AND MAINTAIN OPERATIONAL AT ALL TIMES. COORDINATE ANY DOWNTIME REQUIRED WITH CPS ITS AND PBC PROJECT MANAGER.

D28. **NEW STAIR 2 (FOURTH FLOOR) –** PROVIDE ALL REQUIRED LABOR, MATERIALS, TOOLS, EQUIPMENT, AND SERVICES TO REMOVE, RELOCATE, AND RE-ROUTE EXISTING BRANCH CIRCUIT CONDUITS, FIRE ALARM SYSTEM CONDUITS, MAGNETIC DOOR HOLDER CONDUITS, AND AREA OF RESCUE CONDUIT INSTALLED ABOVE EXISTING THIRD FLOOR CEILING AND BAR JOISTS WHICH ARE TO BE REMOVED. REFER TO ARCHITECTURAL DRAWINGS. PROVIDE ALL REQUIRED NEW JUNCTION BOXES, CONDUITS, WIRING, AND SPLICES IN ORDER TO MAINTAIN CONTINUITY OF EXISTING CIRCUITS TO REMAIN, WHICH ARE AFFECTED BY THE REMOVAL OF THE EXISTING STAIRWELL CEILING AND EXISTING BAR JOISTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

A. MAINTAIN CONTINUITY OF LIFE SAFETY EMERGENCY LIGHTING SYSTEM AT ALL TIMES DURING THE ENTIRE CONSTRUCTION PERIOD.
B. CONTRACTOR SHALL INCLUDE IN THEIR BID PROPOSAL RELOCATING (7) EXISTING BRANCH CIRCUIT CONDUITS AND (2) EXISTING FIRE ALARM SYSTEM CONDUITS LOCATED ABOVE STAIRWELL CEILING TO BE REMOVED FOR STAIR 2.
C. RESUPPORT ALL EXISTING CONDUITS TO REMAIN TO NEW BUILDING STRUCTURE.
D. PROVIDE NEW COVERPLATE ON JUNCTION BOX LOCATED ON NORTH WALL.
E. PROVIDE (4) NEW LENSES ON EXISTING WALL SCONCES IN STAIRWELL AT THIRD FLOOR.

1



N

1 PARTIAL THIRD FLOOR POWER PLAN

1/8" = 1'-0"

ADD 1 **ESK.01**	DEMOLITION/REMOVAL NOTES AND PARTIAL THIRD FLOOR POWER PLAN		Skinner West Elementary School Annex 1216 W. Adams Street Chicago, Illinois 60607
SWWB Project #: 16-288 MCA Project #: 4665	Drawn by: MCA	Date: July 24, 2017	
Dwg File: E0.00 E1.03	Checked by: SWWB ltd.	© SWWB Ltd. 2017	PBCC Project No.: 05045

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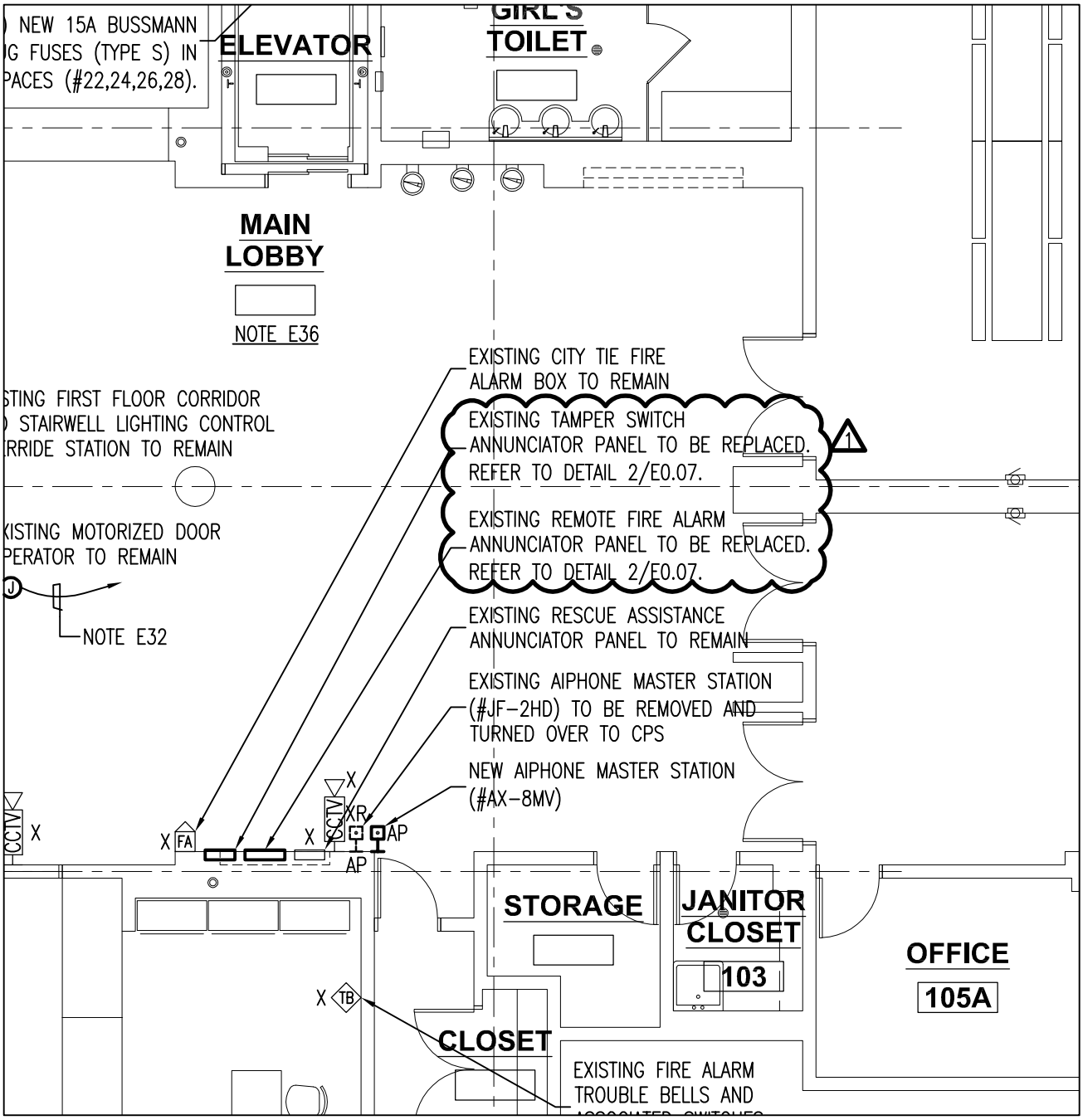

N

1 PARTIAL FIRST FLOOR POWER PLAN

1/8" = 1'-0"

ADD 1 **ESK.02**	PARTIAL FIRST FLOOR POWER PLAN	Skinner West Elementary School Annex 1216 W. Adams Street Chicago, Illinois 60607
SWWB Project #: 16-288 MCA Project #: 4665	Drawn by: MCA	Date: July 24, 2017
Dwg File: E1.01A	Checked by: SWWB ltd.	© SWWB Ltd. 2017 PBCC Project No.: 05045

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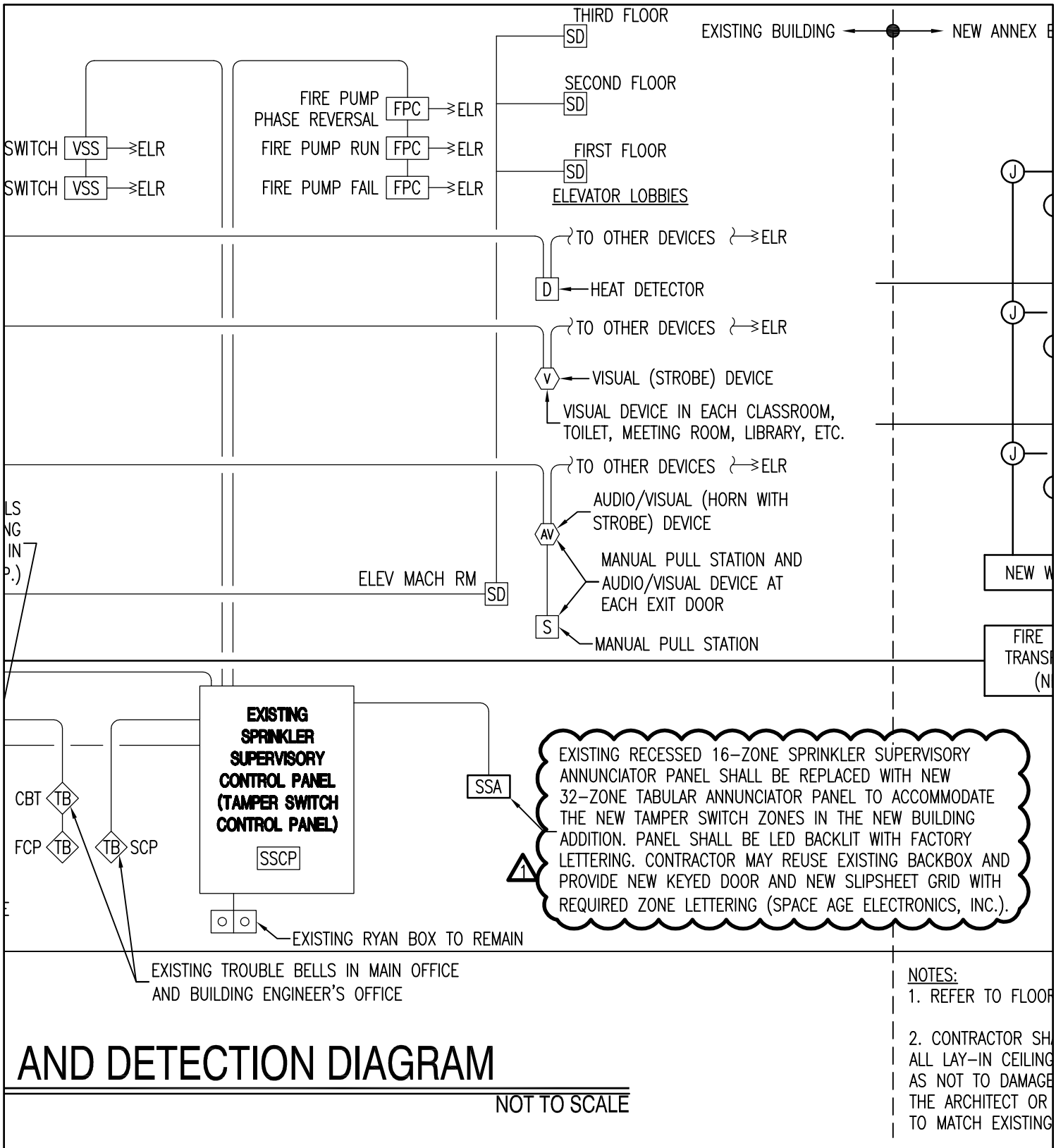

AND DETECTION DIAGRAM

NOT TO SCALE

ADD 1

ESK.03

FIRE ALARM AND DETECTION DIAGRAM

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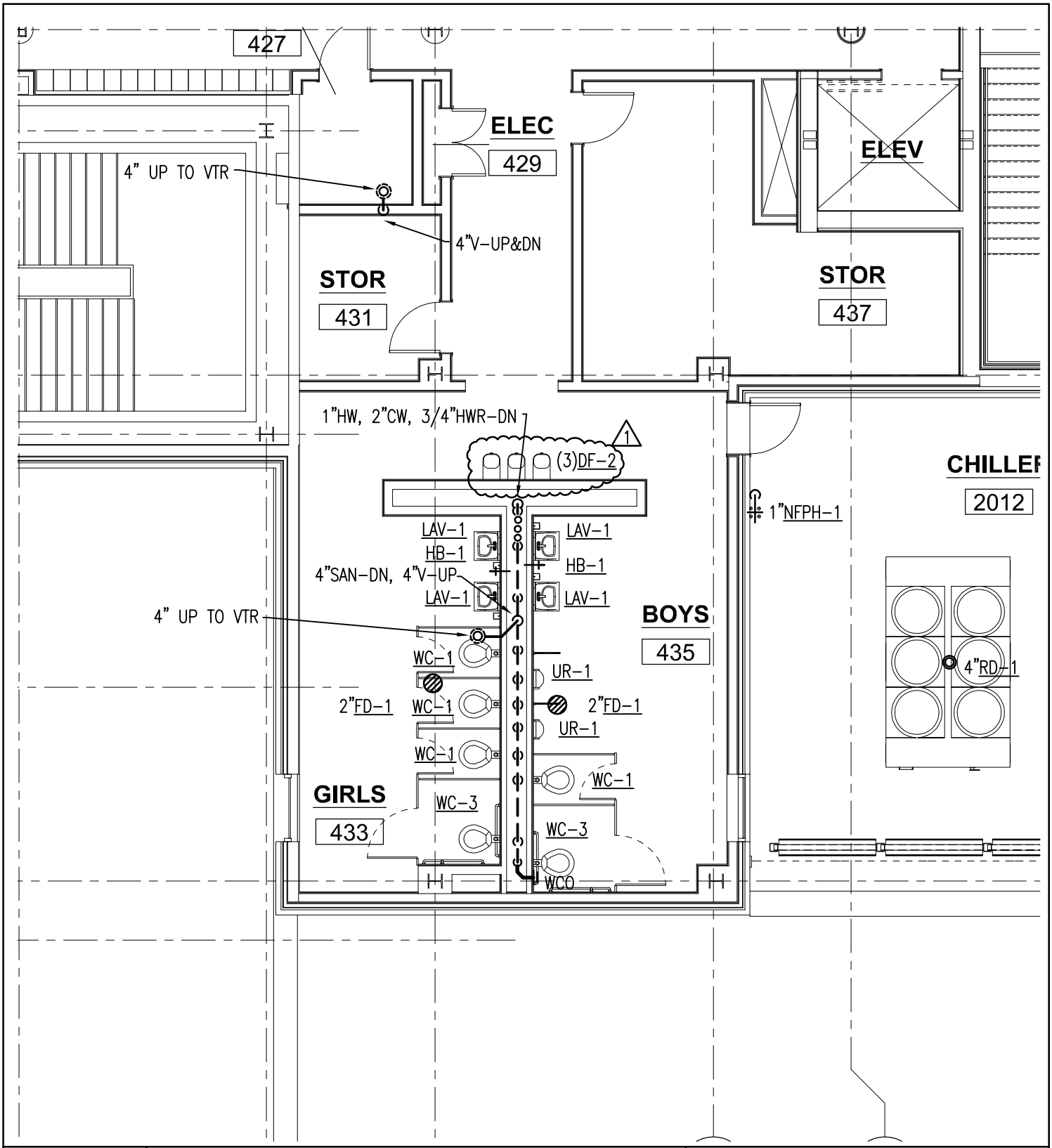

ADD 1

PSK.01

FOURTH FLOOR PARTIAL PLUMBING PLAN

SWWB Project #: 16-288 MCA Project #: 4665	Drawn by: MCA	Date: July 24, 2017
Dwg File: P1.04	Checked by: SWWB ltd.	© SWWB Ltd. 2017

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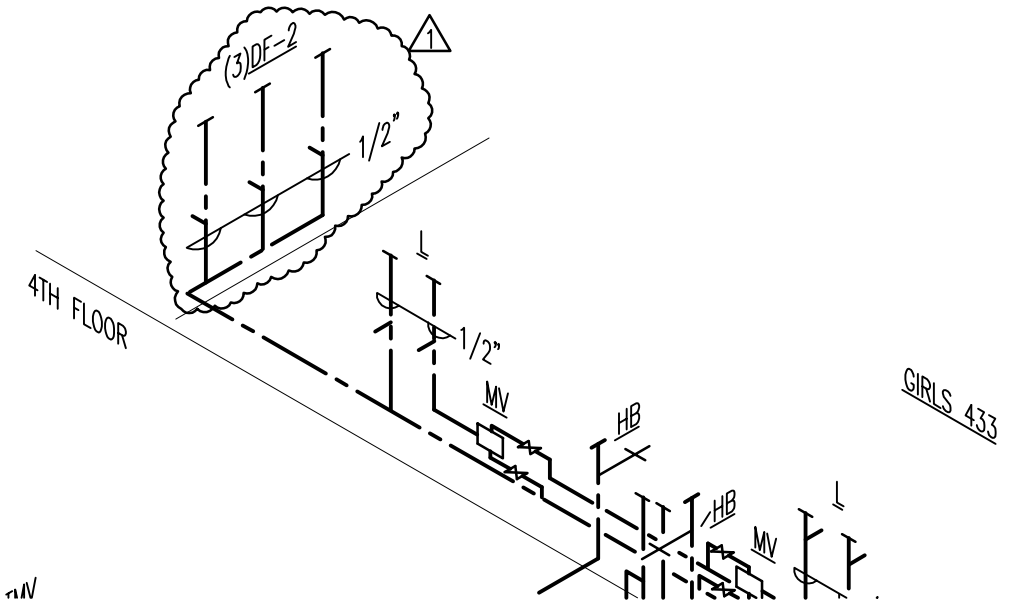

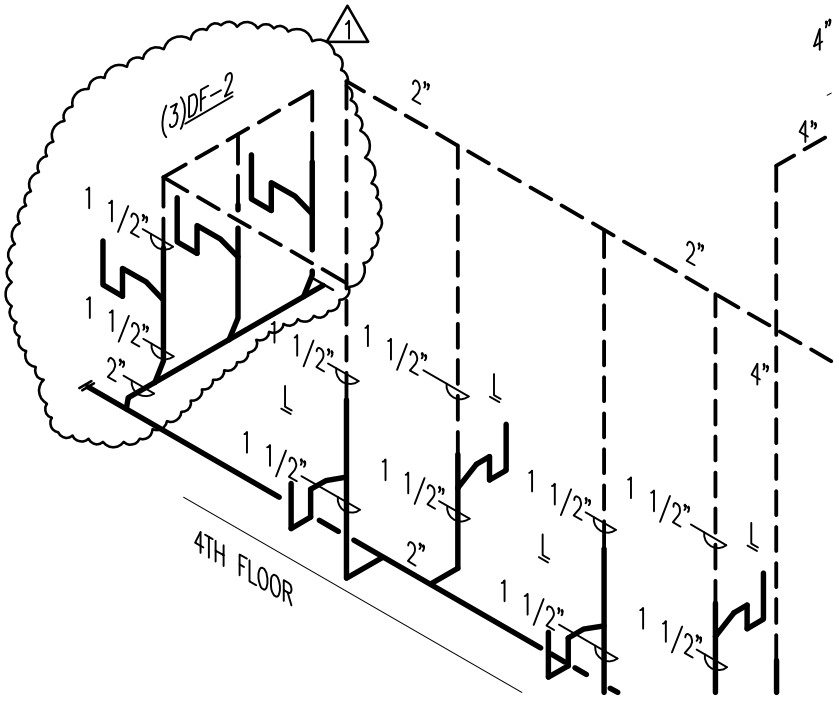

ADD 1

PSK.02

PLUMBING PIPING DIAGRAMS

SWWB Project #: 16-288 MCA Project #: 4665	Drawn by: MCA	Date: July 24, 2017
Dwg File: P3.00	Checked by: SWWB ltd.	© SWWB Ltd. 2017

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Skinner West Elementary School Annex

1216 W. Adams Street
Chicago, Illinois 60607

PBCC Project No.: 05045

DF-2	STAINLESS STEEL	ELKAY MODEL # EDFPVR214C (OR ENGINEER APPROVED EQUIVALENT), FULLY EXPOSED, INTEGRAL P-TRAP, VANDAL-RESISTANT BUBBLER, HEAVY DUTY, ADA COMPLIANT.	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PROVIDE CANE DETECTOR PER ADA. REFER TO ARCHITECTURAL SHEET G1.01. 1

ADD 1

PSK.03

PLUMBING SCHEDULES

SWWB Project #: 16-288 MCA Project #: 4665	Drawn by: MCA	Date: July 24, 2017
Dwg File: P4.00	Checked by: SWWB ltd.	

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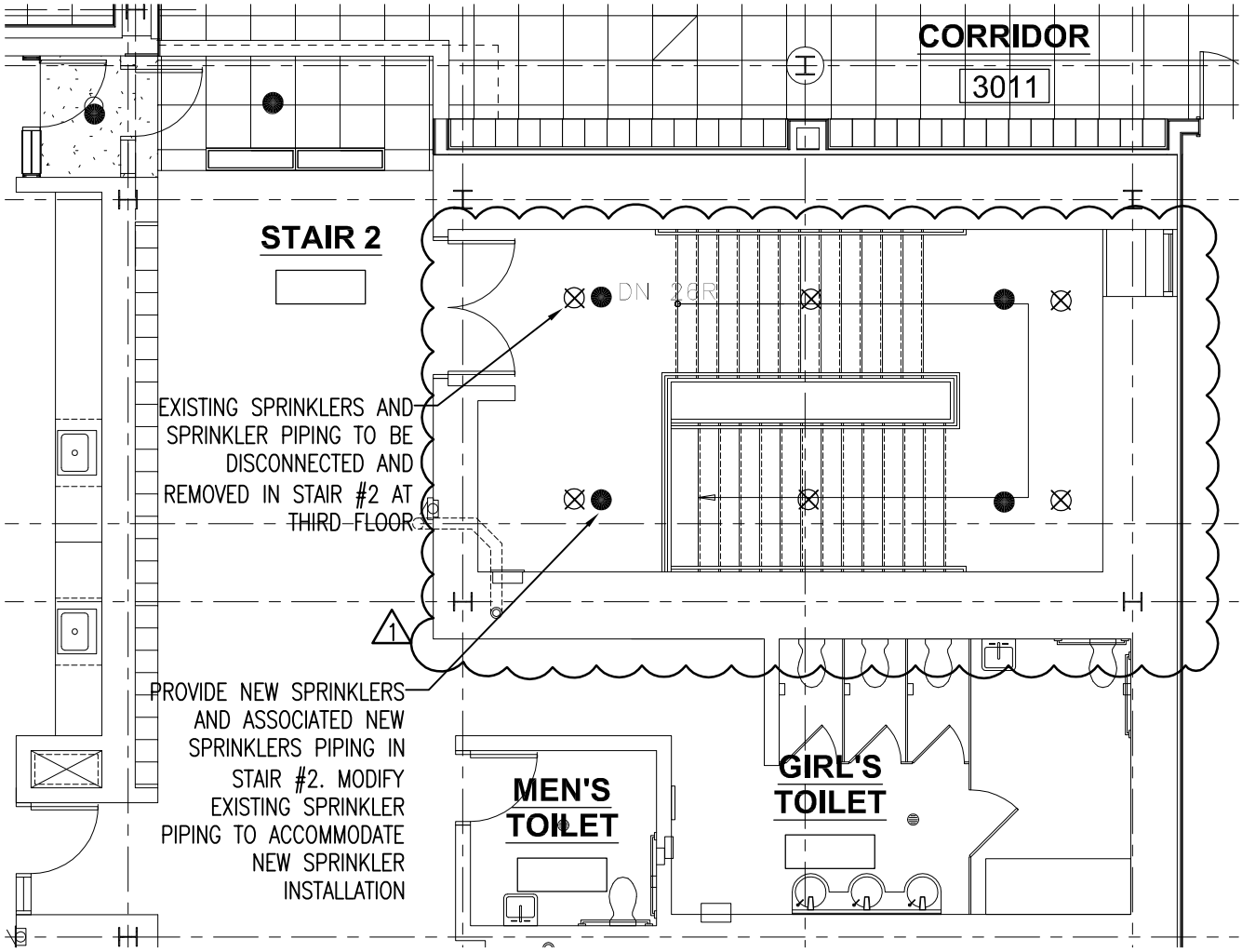

ADD 1
FPSK.01

FIRE PROTECTION THIRD FLOOR PARTIAL PLAN

SWWB Project #: 16-288
MCA Project #: 4665

Drawn by: MCA

Dwg File: FP1.03

Checked by: SWWB ltd.

Date of Issue: July 25, 2017

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PBCC Project No.: 05045