ADDENDUM NUMBER 1

DATE: April 25, 2018

TO: Prospective Bidders

This Addendum forms a part of the previously issued documents and modifies the Bidding Documents dated **April 9, 2018**, with amendments and additions noted below. Where addendum items below modify a portion of the Bidding Documents, the remainder of the Bidding Document remains unchanged.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

This addendum consists of **20** page(s), in addition to the following document(s):

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10 28 14 HAND DRYERS
11 13 19 STATIONARY LOADING DOCK EQUIPMENT

B. SKETCHES

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SKH-02 – PARTIAL FIRST FLOOR ABATEMENT PLAN – ADDENDUM #1
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SKA-03 –AREAWAY ELEVATION AND DETAILS
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C. DRAWINGS (24x36 format)

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T203.1- SECOND FLOOR PLAN A/B-DWT
T203.2- SECOND FLOOR PLAN C-DWT

CHANGES TO THE PROJECT MANUAL

SECTION 03 30 00 CAST-IN-PLACE CONCRETE

a. Paragraph 2.5 Concrete Materials; add subparagraph D. Lightweight Aggregate: ASTM C 330, 3/4-inch maximum aggregate size.

b. Paragraph 2.11 Concrete Mixtures for Building Elements; replace with the following:
   a. Interior Elevated Slabs: Light-weight concrete (107-113 concrete unit weight pcf).
      1) Specified compressive strength f'(c) (ASTM C 39): 3,000 psi at 28 days.
      2) Maximum water cement ratio by weight: 0.45.
      3) Maximum slump: 4 inches.
      4) Coarse aggregate gradation: Size 67, ASTM C 33.
   b. All Other Interior Concrete: Normal-weight concrete.
      1) Specified compressive strength f'(c) (ASTM C 39): 4,500 psi at 28 days.
      2) Maximum water cement ratio by weight: 0.45.
      3) Maximum slump: 4 inches.
      4) Coarse aggregate gradation: Size 57, ASTM C 33.
   c. Exterior Concrete: Normal-weight concrete.
      1) Specified compressive strength f'(c) (ASTM C 39): 5,000 psi at 28 days.
      2) Maximum water cement ratio by weight: 0.45.
      3) Maximum slump: 4 inches.
      4) Coarse aggregate gradation: Size 57, ASTM C 33.

SECTION 03 45 00 PRECAST ARCHITECTURAL CONCRETE

a. Delete Section in its entirety; comply with 04 72 00 CAST STONE MASONRY

SECTION 06 40 23 INTERIOR ARCHITECTURAL WOODWORK

a. Delete section in it's entirety.

SECTION 07 42 13.13 FORMED METAL WALL PANELS

a. Replace paragraph 2.2, subparagraph B. with the following:
   "B. Deep Profile, Concealed-Fastener Metal Wall Panels: Formed with asymmetrical ribs with interlocking joints.
      1. Basis of Design product: 'HWP' Panel by "Peterson Aluminum Corp. - Pac Clad", or approved equal.
      2. Aluminum Sheet: Coil-coated sheet, ASTM B 209 alloy as standard with manufacturer, with temper as required to suit forming operations and structural performance required.
         a. Thickness: 0.040 inch
         b. Surface: Ribbed
         c. Exterior Finish: Two-coat fluoropolymer.
         d. Orientation: Horizontal or Vertical.
         e. Color: To be selected by architect from full range of manufacturer's available colors.
      3. Panel width: 12" inches 4. Panel height: 7/8 inch."

SECTION 07 53 23 ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING

a. Add paragraph

"1.9 WARRANTY

A. Provide manufacturer's 20 or 30 year Total System Warranty covering both labor and material with no dollar limitation. Provide a 40 year non-prorated membrane material warranty on the .090 field membrane. (Available with 30 YR warranty only) The maximum wind speed coverage shall be peak gusts of 90 mph measured at 10 meters above ground level. Certification is required with submittals indicating the manufacturer has reviewed and agreed to such wind coverage. All products including substrate boards, vapor retarders, insulation, fasteners, fastening plates and edgings must be manufactured and/or supplied by the roofing system manufacturer and covered by the warranty.

B. Pro-rated Warranties shall not be accepted.

C. Evidence of the manufacturer's warranty reserve shall be included as part of the project submittals for the specifier's approval."

b. Paragraph 2.2 ETHYLENE-PROPYLENE-DIENE-TERPOLYMER (EPDM) ROOFING, sub paragraph 3. Exposed face color add "black"

c. Paragraph 2.3 AUXILIARY ROOFING MATERIALS add sub paragraph

"I. Insulation & Overlayment board adhesive: Insulation adhesive must be V.O.C. free) Insulation adhesive must have a nominal free-rise core density of 2.2 pound per cubic foot, and be a 2 part low rise foam adhesive with 100% adhesion. (Ribbon method adhesives are acceptable. Bead spacing shall be 4 inches on center in the field, perimeters and corners.)"

d. Add paragraph

"2.4 SUBSTRATE BOARD/ COVER BOARD

A. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include the following:

1. Substrate Board: 5/8" inch thick (For metal deck areas only)
2. Coverboard: 1/2 inch Thick

a. Georgia-Pacific Building Products; Dens Deck Prime.
b. USG Corporation; Securock Gypsum-Fiber Roof Board."

e. paragraph 2.5 shall read:

"INSULATION Roof Insulation: Minimum 2" thick flat and tapered (1/4" per foot) (See email note for rehab area) polyisocyanurate board roof insulation conforming to ASTM C1289 faced with proper facing to allow membrane to be

adhered to it without delamination. Roof insulation must have an LTTR R-Value of 5.7/inch at 75 deg. F. when tested in accordance with ASTM C1289.

1. Manufacturer of roofing system must approve use of insulation in writing in advance."

f. Add paragraphs

"2.6 VAPOR BARRIER
A. Vapor retarder is a minimum 40 mil composite sheet consisting of a self-adhering rubberized asphalt membrane. The underlayment board shall be primed with primer in accordance with manufacturer's specifications. Vapor retarder must have a perm rating of 0.05 or less as per ASTM E90. Vapor retarder must be rated by the manufacturer as a temporary roof with an allowable exposure to the elements for 90 days.

2.7 WALKWAY PADS
A. Protective surfacing for roof traffic shall be 30" x 30" molded black rubber with factory rounded corners adhered to the EPDM membrane roof with Splice Tape."

g. Add paragraphs
" 3.4 UNDERLAYMENT BOARD ATTACHMENT
A. Mechanically attach the 5/8" substrate board in accordance with FM1-60 standards, but no less than one fastener per 2 square feet in the field and perimeter of the roof system and 1 per 1 square foot in the corners.

3.5 VAPOR BARRIER APPLICATION
A. Prime only areas to be waterproofed the same day. Reprime if area becomes dirty. Apply Air and Vapor Barrier from low to high point, in a shingle fashion, so that laps will shed water. Overlap all edges at lease 2-1/2 inches. End laps shall be staggered. Place membrane carefully so as to avoid wrinkles and fishmouths. Immediately after installation, roll with a 100-150 pound weighted steel roller. There shall be no gaps in the vapor barrier application.

3.6 INSTALLATION OF INSULATION AND COVER BOARD
A. Secure all insulation, staggering all joints, to the Vapor Retarder with the adhesive in accordance with the manufacturer's specifications and application procedures. Insulation adhesive must have a nominal free-rise core density of 2.2 pound per cubic foot and be a 2 part low rise foam adhesive with 100% adhesion. Apply the overlayment board with the same adhesive application requirements. (Ribbon method adhesives are acceptable. Bead spacing shall be 4 inches on center in the field, perimeters and corners.) Strict care must be taken to make sure that all insulation and cover boards lay flat and are in an even plane with adjacent

boards. Walk the boards into the adhesive and roll using a 30" wide, 150 pound weighted steel roller to ensure full embedment."

h. add paragraph
"3.8 WALKWAY PAD INSTALLATION
A. Install walkways at all traffic concentration points (such as roof hatches, access doors, rooftop ladders, etc.) and all locations as identified on the specifier's drawing.

B. Adhere walkways pads to the EPDM membrane in accordance with the manufacturer's specifications."

SECTION 08 11 16 SIMULATED WOOD GRAIN HOLLOW METAL DOORS

a. Delete entire Section

SECTION 08 71 00 HARDWARE

a. Replace entire section

SECTION 08 71 01 DOOR SCHEDULE

a. Replace in it's entirety

SECTION 08 33 21 OVERHEAD COILING DOORS

a. Paragraph 2.1 replace subparagraph A with

"A. Provide "CESD20" by 'Clopay' or approved equal."

SECTION 08 36 13 SECTIONAL DOORS

a. Replace Paragraph 2.3 Door Assembly with the following:

"2.3 Door Assembly Product Manufacturer: Basis-of-design.
1. Premium Duty Steel Sectional Overhead Door model 520 by 'Clopay' or approved equal.

A. Steel sectional Door: Sectional door formed with hinged sections and fabricated according to DASMA 102.

B. Operation cycles: Door components capable of 50,000 cycles. One operation cycle is complete when a door is opened from the closed position to the fully opened position and returned to the closed position.

C.. Steel Sections: 2 inches (52 mm) thick roll formed commercial quality steel panel sections 1. Steel thickness: Minimum 0.034 inch.

D. Track configurations: As indicated on drawings.

E. Roller Wheel Material: Case-hardened Steel.

F. Locking Devices: Provide locking device assembly.

1. Locking Device Assembly: Cremone type, both jamb sides, locking bars, operable from inside with thumb turn and outside with keyed cylinder.

H. Counterbalance type: torsion Spring

I. Weather Seals: Fitted to bottom of door

J. Finish: Exterior 1 mil (.025 mm) coating; color as selected by architect from manufacturer's full line of color choices.

A. Delete Paragraph 2.4
B. Delete Paragraph 2.10

SECTION 09 05 61.13 MOISTURE VAPOR EMISSION CONTROL

a. Delete section in its entirety. Comply with section 09 61 00 Water Vapor Reduction
b. System

SECTION 09 51 13 ACOUSTIC PANEL CEILINGS

a. section replaced in its entirety

SECTION 09 66 23 TERRAZZO FLOORING

a. Paragraph 2.4 PRECAST TERRAZZO replace first sentence of sub-paragraph A with "A. Precast terrazzo Base Units: Minimum 3/8-inch-thick reinforced epoxy terrazzo units, cast in maximum length possible, but not less than 36 inches."

SECTION 09 68 00 CARPETING

a. Section added

SECTION 09 68 13 TILE CARPETING

a. Delete section in its entirety

SECTION 09 93 00 STAINING AND TRANSPARENT FINISHING

a. Delete Paragraph 2.3 sub paragraph A in its entirety.

SECTION 10 28 00 TOILET LAUNDRY AND BATH ACCESSORIES

a. Paragraph 2.3 PUBLIC WASHROOM ACCESSORIES, Add

"H. Baby Changing Station.

1. Basis of Design Product. a. Koala Kare Products Model#KB110-SSRE b. Description: Horizontal recessed mounted stainless-steel baby changing station.

I. Sanitary Napkin Dispenser.

1. Basis of Design Product: a. Bobrick B3706 b. Description: Wall mounted, Stainless steel product dispenser with ADA compliant push button operation. Mechanical operation no electric or batteries required.

J. Coat Hook.

1. Basis of Design Product:

a. Bobrick B-6717

b. Description: Single Robe Hook Satin Finish Stainless Steel with concealed wall plate."

SECTION 10 28 14 HAND DRYERS

a. add section in entirety

SECTION 11 13 19 STATIONARY LOADING DOCK EQUIPMENT

a. Replace section in entirety

SECTION 11 30 13 RESIDENTIAL APPLIANCES

a. Paragraph 2.3 Appliances, replace sub-paragraph C. with "C. GE GDF520P."

b. Paragraph 2.3 Appliances, replace sub-paragraph E with "E. GE JS760."

c. Paragraph 2.4 General Finish Requirements, Add sub-paragraph "C. Finish and color of appliances to be selected by architect from options of model specified, unless otherwise noted."

SECTION 11 40 00 FOOD SERVICE EQUIPMENT

a. Add sub paragraph 1.2 Quality Assurance with "1.2 QUALITY ASSURANCE,

I. Regulatory Requirements:

"6. "U.S Safe Drinking Water Act": Amended legislation (2011) .25% allowable lead content

7. Senate Bill 3874: The national bill that passes as "The Reduction of Lead in Drinking Water Act"

b. AJ. & AK: Item No. 1.004 Hand Sink & Item No. 1.005 Mop Sink

Note - All faucets to meet "The Reduction on Lead in Drinking Water Act.": and the amended "Safe Drinking Water Act" (2011).025% allowable lead content.

c. AY. Item No. 1.034 Stainless Steel Table

CLARIFICATION: Change the size of the table to: 7'-0" x 30" x 34" working height

d. AZ. Item No. 1.035 Stainless steel Table

CLARIFICATION: Change the size of the table to: 8'-4" x 30" x 34" working height

e. BB. Item No. 1.037 Stainless Steel Work Table with Sink

CLARIFICATION: Change the size of the table to: 8'-0" x 36" x 34" working height

f. BH. Item No. 1.045 Stacked Washer / Dryer
DELETE written specifications replace with the following:

Quantity - One (1)
Manufacturer - Speed Queen
Model No. - ATEE9AGP173TWo
Size - 26-7/8" x 27-3/4" x 78-3/16" high
Construction- Stacked Washer / Dryer
- 3.42 Cu. Ft Washer and 7.0 Cu. Ft. Dryer
- White on White

Accessories - Installation per manufacturer requirements
- Flexible water disconnects per specific conditions
- Dryer Cord

Services - (by respective trades)
- 120v/1ph, 15.0 amps Washer
- 240v/1ph, 30.0 amps Dryer
- 3/4" CW, 3/4" HW
- 1-1/2" Indirect Waste

SECTION 12 35 53 PREMANUFACTURED CASEWORK

a. Delete Section in its entirety

SECTION 12 36 00 COUNTERTOPS

a. Delete Section in its entirety

SECTION 21 13 13 WET-PIPE SPRINKLER SYSTEMS

a. Paragraph 2.7 Sprinklers, add "(for Dry-Type Heads, use Tyco DS-1 or equivalent)"

SECTION 22 42 13 COMMERCIAL URINALS

a. Replace Paragraph 2.2 Urinal Flushometer Valves

B. Hard-Wired, Manual Override, Solenoid-Actuator, Piston Flushometer Valves:
1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   a. Gerber Plumbing Fixtures LLC.
   b. Moen Incorporated.
   c. Sloan Valve Company.
2. Standard: ASSE 1037.
3. Minimum Pressure Rating: 125 psig (860 kPa).
4. Features: Include integral check stop and backflow-prevention device.
5. Material: Brass body with corrosion-resistant components.
6. Exposed Flushometer-Valve Finish: Chrome plated.
7. Panel Finish: Chrome plated or stainless steel.
8. Style: Exposed.

9. Actuator: Solenoid complying with UL 1951; listed and labeled as defined in NFPA 70, by a qualified testing agency; and marked for intended location and application.
10. Trip Mechanism: Hard-wired electronic sensor complying with UL 1951; listed and labeled as defined in NFPA 70, by a qualified testing agency; and marked for intended location and application.
11. Consumption: 0.5 gal. per flush.
12. Minimum Inlet: NPS 3/4.
13. Minimum Outlet: NPS 1-1/4.

SECTION 22 42 14 COMMERCIAL WATER CLOSETS

a. Replace Paragraph 2.3 Flushometer Valves

C. Hard-Wired, Manual Override, Solenoid-Actuator, Piston Flushometer Valves:
1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   a. Gerber Plumbing Fixtures LLC.
   b. Moen Incorporated.
   c. Sloan Valve Company.
2. Standard: ASSE 1037.
3. Minimum Pressure Rating: 125 psig.
4. Features: Include integral check stop and backflow-prevention device.
5. Material: Brass body with corrosion-resistant components.
6. Exposed Flushometer-Valve Finish: Chrome plated.
7. Panel Finish: Chrome plated or stainless steel.
8. Style: Exposed.
9. Actuator: Solenoid complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
10. Trip Mechanism: Hard-wired electronic sensor complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
11. Consumption: 1.28 gal. per flush.
12. Minimum Inlet: NPS 1.
13. Minimum Outlet: NPS 1-1/4.

CHANGES TO THE DRAWINGS

H-101.2 BASEMENT ABATEMENT PLAN

a. Within Cafeteria Room 35: One (1) location of Keyed Mold Removal Note (circle) #2 was deleted and replaced with one (1) same location of Keyed Mold Removal Note (circle) #3. Reference Issued for Bid H-101.1, and refer to Addendum #1 sketch SKH-01

H-102.2 FIRST FLOOR ABATEMENT PLAN

a. Labeled the location of Storage 101-G per sketch SKH-03.
b. Added one (1) additional location of Keyed Asbestos Removal Note (Rectangle) #12 per sketch SKH-02

S-102.1 – FIRST FLOOR FRAMING PLAN

a. Revised per drawing

S-103.1 – SECOND FLOOR FRAMING PLAN
a. Revised per drawing

S-104.1 - ROOF FRAMING PLAN
a. Revised per drawing

S-303 - FRAMING SECTIONS
a. Revised per drawing

S-304 - FRAMING SECTIONS
a. Revised per drawing

S-401 – SCHEDULES
a. Revised per drawing

S-500 - TYPICAL DETAILS
a. Revised per drawing

S-502 - TYPICAL DETAILS
a. Revised per drawing

C-101- SITE AND PLANTING PLAN
a. Revised per drawing

LS-102 - FIRST LEVEL LIFE SAFETY PLAN
a. Revised per attached sketch

LS-103 - SECOND LEVEL LIFE SAFETY PLAN
a. Revised per attached sketch

D-101.1 - BASEMENT DEMOLITION PLAN
a. Add keynote: 'W13' "REMOVE EXISTING COVE BASE AT EXISTING WALLS TO REMAIN. REFER TO D611 FOR MORE INFORMATION." To the following rooms: CAFETERIA RM RM 35

D-101.2 - BASEMENT DEMOLITION PLAN
a. Add keynote: 'W13' "REMOVE EXISTING COVE BASE AT EXISTING WALLS TO REMAIN. REFER TO D611 FOR MORE INFORMATION." To the following rooms:
    1. Computer Room RM 1
    2. 7th Grade Classroom RM 2

D-102.1 - FIRST FLOOR DEMOLITION PLAN
a. Add keynote: 'W13' "REMOVE EXISTING COVE BASE AT EXISTING WALLS TO REMAIN. REFER TO D611 FOR MORE INFORMATION." To the following rooms:
    1. Storage RM 118-B

2. Office RM 118-A
3. Conference/Work Room RM 129
4. Toilet RM 125
5. Nurse RM 117
6. Psych RM 117-B
7. Toilet RM 117-C
8. Storage RM 117-D
9. Nurse RM 117-4

D-103.2 - SECOND FLOOR DEMOLITION PLAN

a. Add keynote: 'W13' "REMOVE EXISTING COVE BASE AT EXISTING WALLS TO REMAIN. REFER TO D611 FOR MORE INFORMATION." To the following rooms:
    1. Copier Room
    2. Office

D-611 – TYPICAL DEMOLITION DETAILS AND ELEVATIONS

a. Revised per drawing

A-101.1- BASEMENT PLAN

a. Partition type "U3" added at all column enclosures in room CAFETERIA RM 8, typical of all 9 column enclosure locations.
b. All CMU walls of STORAGE ROOM 15A are partition type "M3*".
c. All CMU walls of ELEV. EQUIP. ROOM 15 are partition type "M3*"

A-101.2- BASEMENT PLAN

a. Door label "6" added to door in BOYS TOILET RM 6.
b. Partition type "U3" added at all column enclosures in room CAFETERIA RM 8, typical of all 9 column enclosure locations.

A-102.1- FIRST FLOOR PLAN

a. Partition tag "U4" deleted and replaced with tag "A3" at demising wall between RM 111 and RM112.
b. Partition type "U3" added at all column enclosures in room CAFETERIA RM 8, typical of all 9 column enclosure locations.

A-103.1 - SECOND FLOOR PLAN

a. Delete cross corridor door 'COR-H.3' per attached sketch

A-103.2- SECOND FLOOR PLAN

a. Revised per sketch

A-200- BUILDING ELEVATIONS

a. Add 3 building lights to north elevation (1/A-200), refer to electrical drawing (7 building lights total)
b. Add 4 building lights to west elevation (2/A-200), refer to electrical drawings (5 building lights total)

c. Add 2 period style entrance lights to existing exterior façade near door, refer to electrical drawings.

A-401- BASEMENT REFLECTED CEILING PLAN
a. Revised per drawing

A-402- FIRST FLOOR- REFLECTED CEILING PLAN
a. Revised per drawing

A-403- SECOND FLOOR REFLECTED CEILING PLAN
a. Revised per drawing

A-710- MILLWORK DETAILS
a. Revised per sketch

I-102- FIRST FLOOR FINISH PLAN
a. Revised per sketch

I-103- SECOND FLOOR FINISH PLAN
a. Revised per sketch

QF-102 BASEMENT ENLARGED PLAN & LIST
a. Revised per drawing

QF-105 MEP SCHEDULE
a. Revised per drawing

QF-203 BASEMENT- MECH. & PLBG. CONN. POINTS
a. Revised per drawing

QF-204 BASEMENT ELEC. CONN. POINTS
a. Revised per drawing

P-000 - PLUMBING NOTES AND SYMBOLS
a. Revised per drawing

PD-100.1 - PLUMBING PARTIAL DEMOLITION UNDERSLAB PLAN
a. Revised per drawing

PD-100.2 - PLUMBING PARTIAL DEMOLITION UNDERSLAB PLAN
a. Revised per drawing

PD-101.1 - PLUMBING PARTIAL DEMOLITION BASEMENT PLAN
a. Revised per drawing

PD-101.2 - PLUMBING PARTIAL DEMOLITION BASEMENT PLAN
a. Revised per drawing

PD-102.1 - PLUMBING PARTIAL DEMOLITION FIRST FLOOR PLAN
a. Revised per drawing

PD-103.1 - PLUMBING PARTIAL DEMOLITION SECOND FLOOR PLAN
a. Revised per drawing

PD-103.2 - PLUMBING PARTIAL DEMOLITION SECOND FLOOR PLAN
a. Revised per drawing

P-100.1 - UNDERSLAB PLUMBING PARTIAL FLOOR PLAN
a. Revised per drawing

P-100.2 - UNDERSLAB PLUMBING PARTIAL FLOOR PLAN
a. Revised per drawing

P-101.1 - BASEMENT PLUMBING PARTIAL FLOOR PLAN
a. Revised per drawing

P-102.2 - FIRST FLOOR PLUMBING PARTIAL FLOOR PLAN
a. Revised per drawing

P-103.1 - SECOND FLOOR PLUMBING PARTIAL FLOOR PLAN
a. Revised per drawing

P-103.2 - SECOND FLOOR PLUMBING PARTIAL FLOOR PLAN
a. Revised per drawing

P-104 - ROOF PLUMBING PARTIAL PLAN
a. Revised per drawing

P-301 - ENLARGED BATHROOM PLAN – WEST
a. Revised per drawing

P-302 - ENLARGED BATHROOM PLAN – EAST
a. Revised per drawing

P-401 – DETAILS
a. Revised per drawing

FP-100.1 - BASEMENT FIRE PROTECTION PARTIAL PLAN
a. Revised per drawing

FP-400 - SCHEDULES AND DETAILS

a. Revised per drawing

MD-102.1 - PARTIAL FIRST FLOOR DEMOLITION PLAN - HVAC

a. Revise text note reading (E) Exhaust Duct Up/Dn in Librarian 127 to read: (E) EXHAUST UP.

MD-102.2 - PARTIAL FIRST FLOOR DEMOLITION PLAN - HVAC

a. Add demolition note callout "4" associated with text note (E)24x10 pointing to return grille within 5th-7th Grade SP. ED. 8:1:2.
b. Revise text note reading (E)Exhaust Up associated with exhaust duct riser in Boys Toilet 105 to read: (E)EXHAUST UP/DN.

MD-103.1 - PARTIAL SECOND FLOOR DEMOLITION PLAN - HVAC

a. Revise demolition note callouts associated with convectors located in Mens Toilet XXX and Office XXX from "2" to read as "6". Typical of two callout notes total. Rooms are across from 7th-8th Grade SP. ED. 12:1:1 for reference.

MD-103.2 - PARTIAL SECOND FLOOR DEMOLITION PLAN - HVAC

a. Add demolition note callout "6" associated with text note (E)10x10 Up to Roof pointing to duct riser in FCS 217B.
b. Add demolition note callout "4" associated with text note (E)8x8 Dn pointing to exhaust duct in FCS 217B.
c. Add demolition note 14 to note block to read: EXISTING SUPPLY AIR DUCTWORK SERVING GYMATORIUM TO REMAIN FOR REUSE FROM POINT INDICATED. CLEAN SYSTEM COMPLETELY.

MD-104.1 - PARTIAL ROOF DEMOLITION PLAN - HVAC

a. Add demolition note 10 to note block to read: REMOVE REFRIGERANT PIPING DOWN TO EQUIPMENT ROOM 33 AND ASSOCIATED COOLING UNIT COMPLETELY.
b. Add demolition note callout "10" associated with text note (E)Air Cooled Condensing Unit located on Boiler Room Low-Roof. Add note callout adjacent to demo note 3 callout.

M-101.2 - PARTIAL BASEMENT DUCTWORK PLAN - HVAC

a. Revise per attached sketch SKM-01.

M-501 - DETAILS - HVAC

a. Detail 8 - Concrete Equipment Base Detail: Revise height of concrete pad from 6" to read as "REFER TO PLANS".

M-502 - DETAILS - HVAC

a. Detail 5 - Floor Mounted Pump Piping Detail - End Suction: Delete 6" reference to height of concrete pad. Associated text note to read "CONCRETE PAD 6" LARGER ON ALL SIDES OF PUMP BASE. BOLT PUMP BASE TO PAD".

b. Detail 6 - Floor Mounted Pump Piping Detail - End Suction with Inertia Pad: Delete 6" reference to height of concrete pad. Associated text note to read "CONCRETE PAD 6" LARGER ON ALL SIDES OF PUMP BASE. BOLT PUMP BASE TO INERTIA BASE".
c. Detail 8 - Floor Mounted Pump Piping Detail - Vertical Inline with Inertia Pad: Delete 6" reference to height of concrete pad. Associated text note to read "CONCRETE PAD 6" LARGER ON ALL SIDES OF PUMP BASE".

M-504 - DETAILS - HVAC

a. Detail 4 - Flue Gas Venting System Detail: Revise height of flue vent cap dimension from 8'-0" to read as "REFER TO PLANS".

E-000 - GENERAL NOTES AND SYMBOLS LIST

a. Revise general note UU. To read as follows: "G.C. shall be responsible for all exterior building patching to match."

ED-102.2- FIRST FLOOR DEMOLITION PLAN- LIGHTING

a. To indicate additional removal of fixtures in 100 suite.
b. Replace drawing in its entirety.

ED-101.3- BASEMENT DEMOLITION PLAN A/B- POWER AND SS

a. Revise demolition note 1 to read as follows: " Disconnect and remove all electrical devices, systems and associated wiring in its entirety; unless noted otherwise. This shall include, but is not limited to branch circuiting, surface raceway (Wire-Mold), conduit and all associated wiring. NOTE: NOT ALL ELECTRICAL DEVICES, SYSTEMS, BRANCH CIRCUITING NOTED ABOVE IS INDICATED. Field verification is required by this contractor. Maintain all systems noted in general note B. and C. noted on drawing."

ED-101.4- BASEMENT DEMOLITION PLAN C- POWER AND SS

a. Revise demolition note 1 to read as follows: " Disconnect and remove all electrical devices, systems and associated wiring in its entirety; unless noted otherwise. This shall include, but is not limited to branch circuiting, surface raceway (Wire-Mold), conduit and all associated wiring. NOTE: NOT ALL ELECTRICAL DEVICES, SYSTEMS, BRANCH CIRCUITING NOTED ABOVE IS INDICATED. Field verification is required by this contractor. Maintain all systems noted in general note B. and C. noted on drawing."

ED-102.3- FIRST FLOOR DEMOLITION PLAN A/B- POWER AND SS

a. Revise demolition note 1 to read as follows: " Disconnect and remove all electrical devices, systems and associated wiring in its entirety; unless noted otherwise. This shall include, but is not limited to branch circuiting, surface raceway (Wire-Mold), conduit and all associated wiring. NOTE: NOT ALL ELECTRICAL DEVICES, SYSTEMS, BRANCH CIRCUITING NOTED ABOVE IS INDICATED. Field verification is required by this contractor. Maintain all systems noted in general note B. and C. noted on drawing."

ED-102.4- FIRST FLOOR DEMOLITION PLAN C- POWER AND SS

a. Revise demolition note 1 to read as follows: " Disconnect and remove all electrical devices, systems and associated wiring in its entirety; unless noted otherwise. This shall include, but is not limited to branch circuiting, surface raceway (Wire-Mold), conduit and all associated wiring. NOTE: NOT ALL ELECTRICAL DEVICES, SYSTEMS, BRANCH CIRCUITING NOTED ABOVE IS INDICATED. Field verification is required by this contractor. Maintain all systems noted in general note B. and C. noted on drawing."

ED-103.3- SECOND FLOOR DEMOLITION PLAN A/B- POWER AND SS

a. Revise demolition note 1 to read as follows: " Disconnect and remove all electrical devices, systems and associated wiring in its entirety; unless noted otherwise. This shall include, but is not limited to branch circuiting, surface raceway (Wire-Mold), conduit and all associated wiring. NOTE: NOT ALL ELECTRICAL DEVICES, SYSTEMS, BRANCH CIRCUITING NOTED ABOVE IS INDICATED. Field verification is required by this contractor. Maintain all systems noted in general note B. and C. noted on drawing."
b. Stair 4: Disconnect and remove door holder inside stairwell tower.
c. Room 207: Disconnect and remove two (2) range receptacles and associated branch circuiting.

ED-103.4- SECOND FLOOR DEMOLITION PLAN C- POWER AND SS

a. Revise demolition note 1 to read as follows: " Disconnect and remove all electrical devices, systems and associated wiring in its entirety; unless noted otherwise. This shall include, but is not limited to branch circuiting, surface raceway (Wire-Mold), conduit and all associated wiring. NOTE: NOT ALL ELECTRICAL DEVICES, SYSTEMS, BRANCH CIRCUITING NOTED ABOVE IS INDICATED. Field verification is required by this contractor. Maintain all systems noted in general note B. and C. noted on drawing."
b. Room 204: Disconnect and remove two (2) range receptacles and associated branch circuiting.

E-001 - SITE PLAN - ELECTRICAL

a. Revise the location of the transformer to miss underground gas and water lines. Replace drawing in its entirety.

E-002 - BUILDING MOUNTED LIGHTING

a. Revise and add various building mounted lighting.
b. Replace drawing in its entirety.

E-101.1 - BASEMENT PLAN A/B - LIGHTING

a. Revise lighting to match RCP.
b. Replace drawing in its entirety.

E-101.2- BASEMENT PLAN C- LIGHTING

a. Revise lighting to match RCP.
b. Replace drawing in its entirety.

E-102.1 - FIRST FLOOR PLAN A/B - LIGHTING

a. Revise lighting to match RCP.

b. Replace drawing in its entirety.

E-102.2- FIRST FLOOR PLAN C- LIGHTING
a. Revise lighting to match RCP.
b. Replace drawing in its entirety.

E-103.1 - SECOND FLOOR PLAN A/B - LIGHTING
a. Revise lighting to match RCP.
b. Replace drawing in its entirety.

E-103.2- SECOND FLOOR PLAN C- LIGHTING
a. Revise lighting to match RCP.
b. Replace drawing in its entirety.

E-202.1- FIRST FLOOR PLAN A/B- POWER AND SS
a. Replace drawing in its entirety to show additional ceiling fans and revised locations.

E-203.1- SECOND FLOOR PLAN A/B- POWER AND SS
a. Toilet room 208: Add door holder at door nearest corridor.
b. Replace drawing in its entirety to show additional ceiling fans and revised locations.

E-302 - FIRST FLOOR PLAN - SECURITY
a. Revise ADA door work at various doors.
b. Replace drawing in its entirety.

E-303 - SECOND FLOOR PLAN - SECURITY
a. Revise ADA door work at various doors. Replace drawing in its entirety.

E802- SCHEDULES - ELECTRICAL
a. Revise Elevator: ELEV-2, horsepower to be 40: Revise circuit breaker to be 110A, Revise power wiring from panel to control unit and power wiring from control unit to equipment sizes to be 3-#4, 1#6EG., 1"C .

E803- SCHEDULES - ELECTRICAL
a. At Panel HNMDP: Add one (1) active 110A/3P shunt trip circuit breaker.

T201.1- BASEMENT FLOOR PLAN A/B-DWT
a. GENERAL: Added VOIP handsets in various offices and drawing note 5.
b. GENERAL: Added additional WAP's in various offices.
c. Replace drawing in its entirety.

T201.2- BASEMENT FLOOR PLAN C-DWT
a. GENERAL: Added VOIP handsets in various offices and drawing note 5.
b. GENERAL: Added additional WAP's in various offices.
c. Replace drawing in its entirety.

T202.1- FIRST FLOOR PLAN A/B-DWT

a. GENERAL: Added VOIP handsets in various offices and drawing note 5.
b. GENERAL: Added additional WAP's in various offices.
c. Replace drawing in its entirety

T202.2- FIRST FLOOR PLAN C -DWT

a. Library 129: Add four (4) ceiling mounted sound field speakers and complete sound field system with drawing note 1.
b. Library 129: Add drawing note 2 next to 'WAP' device.
c. Library 129: Add IWB and all video wiring with drawing note 3.
d. Library 129: Add All in one component device with drawing note 4.
e. Library 129: Add VOIP handset with drawing note 5.
f. Library 129: Add drawing notes 6, 7, 8, 9 and 10 for equipment noted above.
g. Gym and Stage: Add drawing note 2 and "WG" next to WAP devices.
h. Suite 130: Add telecommunications devices in all offices, refer to E202.2 for quantities and locations.
i. Suite 130: Add VOIP handsets in all offices and drawing note 5.
j. Suite 130: Add additional WAP's in all offices
k. Office spaces: Add additional WAP's in offices as indicated.
l. Replace drawing in its entirety.
m. GENERAL: Add drawing note 5 next to all "ip" devices.
n. Replace drawing in its entirety.

T203.1- SECOND FLOOR PLAN A/B-DWT

a. Maker space 221: Add four (4) wall mounted type sound field speakers and connect to sound field system with drawing note 1.
b. Maker space 221: Add "WAP" devices next to the drawing note 2.
c. Room 222 and room next to 221: Add "WAP" devices next to the drawing note 2.
d. Room 221, 222, room next to 221, 224, 213, 227, 212, 211 and 210. Add four (4) ceiling mounted type sound field speakers and connect to sound field system with drawing note 1.
e. Office spaces: Add additional WAP's in offices as indicated.
f. GENERAL: Add drawing note 5 next to all "ip" devices.
g. Replace drawing in its entirety.

T203.2- SECOND FLOOR PLAN C-DWT

a. Room 231, 232, 233, 201, 202 and 203. Add four (4) ceiling mounted type sound field speakers and connect to sound field system with drawing note 1.
b. Room 200: Add four (4) ceiling mounted sound field speakers and complete sound field system with drawing note 1.
c. Room 200: Add drawing note 2 next to 'WAP' device.
d. Room 200: Add IWB and all video wiring with drawing note 3.
e. Room 200: Add All in one component device with drawing note 4.
f. Room 200: Add VOIP handset with drawing note 5.
g. Room 200: Add drawing notes 6, 7, 8, 9 and 10 for equipment noted above.
h. GENERAL: Add drawing note 5 next to all "ip" devices.
i. Replace drawing in its entirety.

ADDITIONAL CLARIFICATIONS
None noted.

END OF ADDENDUM NUMBER 1

08 71 00
DOOR HARDWARE

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

1. Drawings and general provisions of Contract, including General and Supplemental and Division 1 Specification sections, apply to the Work of this section.

1.02 DESCRIPTION OF WORK

1. "Hardware" includes items known commercially as builder's hardware which are required for swing, sliding and folding doors except special types of unique and non-matching hardware specified in the same section as the door and door frame.

2. All hardware furnished in connection with doors bearing Underwriters' Labels or where necessary to meet building codes, federal guidelines for non-discrimination on the basis of disabilities (ADA), and special requirements will be in strict accordance with conditions established by the authority having jurisdiction and subject to approval of that authority.

3. Locking and latching devices on doors from classrooms and all other rooms accessible to students shall be of a type that will always allow free and unobstructed exit from that space by a familiar means such as a lever or exit device.

4. All building exits and any door which is a required means of egress from an area having an occupant load of 50 persons or more may be provided with a latch or lock device only if it is an approved exit device, U.L. labeled for "ACCIDENT HAZARD"

1.03 SCOPE OF WORK

1. The hardware supplier shall furnish and delivery to the project all items or architectural hardware hereinafter specified in the plans and specifications, or where necessary to assure the proper operation of

all doors and wherever hardware is scheduled. Items not specifically mentioned but necessary to complete the work shall be furnished, matching in quality and finish the items described or specified. Supplier is responsible for proper coordination of all finish hardware with related sections to insure compatibility of products.

2. Items included in this section are as follows:

   All Door Hardware
   Thresholds
   Weatherstripping
   Key Cabinet

3. Fire-Rated Assemblies inspection

1.04 RELATED WORK IN OTHER SECTIONS

1. The following items are specified in other Divisions of the Specifications:

   Cabinet Hardware
   Steel/Expansion Joint Covers/Sill Plates
   Window Hardware
   Toilet Partition Hardware
   Identifying Devices
   Marble Thresholds

1.05 QUALITY ASSURANCE

1. Obtain each kind of hardware (latch and locksets, hinges, etc.) from only one manufacturer, although several may be indicated as offering products complying with requirements.

2. Supplier: A recognized builders hardware supplier who has been furnishing hardware in the project vicinity for a period of not less than 2 years, and shall have in his employ or at his disposal a qualified Architectural Hardware Consultant certified by an independent organization such as the Door and Hardware Institute or the Society of Architectural Hardware Consultants. The hardware consultant shall be available to meet with the architect and/or

General Contractor upon reasonable notice to: 1) review the hardware schedule submittal, 2) coordinate with other trades,

3. The contractor shall make final adjustments to closers and exit devices and assist electrician with final testing of electric locking devices.

4. Pre-installation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Meetings." The hardware manufacturers are to supply the pre-installation conference as well as a post-installation walk-thru. This is to insure proper installation and provide for any adjustments or replacements of hardware as required. Review methods and procedures related to electrified door hardware including, but not limited to, the following:
   a. Inspect and discuss electrical roughing-in and other preparatory work performed by other trades.

   b. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.

   c. Review required testing, inspecting, and certifying procedures.

   d. Review sequence of operation or each type of electrified door hardware.

1.06 REGULATORY REQUIREMENTS

1. Comply with accessibility requirements, comply with Americans with Disabilities Act (ADA), “Accessibility Guidelines for Buildings and Facilities (ADAAG),” ANSI A117.1, FED-STD-795, “Uniform Federal Accessibility Standards.”

2. Fire Rated Openings: Provide hardware for fire rated openings in compliance with NFPA Standard No. 80 and local building code requirements. Provide only hardware which has been tested and

listed by UL or an approved testing agency for types and sizes of doors required and complies with requirements of door and door frame labels.

3. Fire-Rated Assemblies Inspection: Upon completion of the installation, all fire door assemblies shall be tested to confirm proper operation of the closing device and that it meets all criteria of a fire door assembly as per NFPA 80 2007 Edition. At completion of the project, written record shall be furnished by the door hardware supplier and given to the owner to be made available to the Authority Having Jurisdiction, "AHJ". The record shall show all fire rated openings, door number and location, along with hardware supplied and installed for the opening. The inspection of the fire doors that are swinging doors with builders hardware type to be performed by individuals with knowledge and understanding of the operating components of the type of door being subjected to testing as required by the AHJ.

1.07 SUBMITTALS

1. Submit manufacturers technical information 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. Transmit copy of applicable data to Installer.

2. The hardware schedule shall consist of the actual product series numbers. Bidders are required to follow manufacturer's catalog requirements for actual size of door closers, brackets and holders. All door sizes are to be noted on the hardware schedule and all hardware shall be in strict accordance with height, width, and thickness requirements. Where closers or overhead door stops are scheduled, the hardware schedule shall indicate the degree of opening for each door affected.

3. The hardware supplier shall submit to the architect for approval the complete hardware schedule within fifteen (15) days after award of the contract. No hardware shall be delivered until the hardware schedule has been approved by the architect.

4. The schedule shall follow requirements of the specification and shall indicate type, manufacturer's name, catalog number, location and finish of each item to be furnished, all in accordance with the Door & Hardware Institute "Architectural Hardware Scheduling Sequence and Format". "Vertical" scheduling format only. "Horizontal" schedules will be returned "Not Approved." Preface sheet listing category only and manufacturer's names of items being furnished as follows:

1.08 SUBSTITUTIONS AND SAMPLES

1. Preferred Products: Due to successful performance, durability and maintainability, the Plant Maintenance Department of the Rochester City School District stocks parts, is trained to repair, and uses the specified preferred products listed as the basis of design, in the Hardware Sets.

2. Equivalents: In regards to the “OR EQUAL CLAUSE” of the General Conditions of this contract, equivalents of equal or better quality may be made if approved by the District’s Design Group. If the Bidder intends to use an equivalent on this project, the equivalent must be submitted to the District’s Design Group for approval prior to the award of the Contract. Such request for equivalents by the Bidder shall be accompanied by physical samples of those items he proposes to substitute. Bidder shall include letter indicating which specific product feature(s) called for in the specification which the proposed substitution does not provide. Thereafter, if no requests for equivalents are presented prior to award of the Contract, the District must assume that the Bidder has intended in his bid to use these specified products.

3. Sample Request: Any request by the architect for samples shall be furnished by the hardware supplier no later than ten (10) days after said request is received.

1.09 MARKING, PACKING, DELIVERY AND STORAGE

1. All locks, exit devices, door closers, overhead door holders, hinges, kickplates, pulls and push plates, threshold and other similar items shall be individually packed in separate, suitable original containers as furnished by the hardware manufacturers. Each container shall

be clearly marked with items numbers, article numbers and names, corresponding to that listed in the hardware schedule.

2. Small miscellaneous items, such as door stops, coat and hat hooks and door silencers that would not require specific location identifications, may be quantity packed if properly labeled with item numbers, etc.

3. The Contractor shall check the hardware upon delivery with the aid of a representative of the hardware supplier's firm. The Contractor shall be responsible for the proper storage of all hardware until ready for application.

1.10 JOB CONDITIONS

1. Coordinate hardware with other work. Tag each item or package separately, with identification related to the final hardware schedule, and include basic installation instructions in the package. Furnish hardware items of proper design for use on doors and frames of the thicknesses, profile, swing, security and similar requirements indicated, as necessary for proper installation and function. Deliver individually packaged hardware items at the proper times to the proper locations (shop or project site) for installation.

2. Furnish hardware templates to each fabricator of doors, frames and other work to be factory-prepared for the installation of hardware. Check the shop drawings of such other work, to confirm that adequate provisions are made for the proper installation of hardware. All template information shall be in accordance with the DHI handbook, "Recommended Procedure for Processing Hardware Schedules and Templates".

PART 2 - PRODUCTS

2.01 MATERIALS AND FABRICATION

1. The drawings show the direction of slide, swing or hand of each door leaf. Furnish each item of hardware for proper installation and operation of the door movement as shown.

2. Produce hardware units of the basic metal and forming method indicated, using the manufacturer's standard metal alloy, composition, temper and hardness, but in no case of lesser (commercially recognized) quality than specified for the applicable hardware units by FS-H-l06, FS FF-G-lll, FS FF-H-ll6 and FS FF-H-l2l. Do not furnish "optional" materials or forming methods for those indicated, except as otherwise specified.

3. Manufacture hardware to conform to published templates, generally prepared for machine screw installation. Do not provide hardware which has been prepared for self-tapping sheet metal screws, except as specifically indicated.

4. 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 the hardware finish or, if exposed in surfaces of other work, to match the finish of such other work as closely as possible, including "prepared for paint" in surfaces to receive painted finish.

5. Provide concealed fasteners for hardware units, which are exposed when the door is closed, except to the extent no standard units of the type specified are available with concealed fasteners. All surface mounted hardware on wood doors shall be installed with thru bolts.

6. Furnish a complete set of specialized tools as needed for Owner's continued adjustment, maintenance, and removal and replacement of builder’s hardware.

7. The Contractor shall check the hardware upon delivery with the aid of a representative of the hardware supplier’s firm. The Contractor shall be responsible for the proper storage of all hardware until ready for application.

2.02 MANUFACTURERS

1. Requirements for design, grade, function, finish, size and other distinctive qualities of each type of finish hardware are indicated in the Hardware Schedule at the end of this section. Products are identified by using hardware designation numbers of the following.

2. Manufacturer's Product Designations:

Butt Hinges:	Ives
Continuous Hinges:	Ives
Locksets:	Schlage
Exit Devices:	Von Duprin
Push Bars:	Von Duprin
Door Pulls:	Von Duprin, Ives
Closers:	LCN
Automatic Door Operators	LCN
Overhead Stop & Holders:	Glynn-Johnson
Kickplates:	Ives
Silencers:	Ives
Floor/Wall Stops:	Ives
Threshold, Seals & Weatherstrip	Zero International
Cast Aluminum Thresholds	Wooster

2.03 FINISH

1. Finish of hardware shall be:

.1 Hinges US26D @ all wood and hollow metal doors. US28/US26D @ all aluminum doors.
.2 Closers clear aluminum powder coat, equal to LCN 689 finish.
.3 Trim (push, pull, kickplates) US32D.
4 Exit Devices
US26D lock and end stile cases
US26D trim
US32D Touchpad
Anodized finish on devices mounted on aluminum doors shall match door and frame finish.
.5 Weather and sound seals; clear anodized.
.6 Thresholds; Abrasive cast, or mill finish Aluminum, as noted.
.7 Silencers; Grey

2.04 KEYING

1. Keys and Locking System

.1 All keys, cores and cylinders to be Everest 29 restricted "T" family, as manufactured by Schlage Lock Company (owners existing system).
.5 All cylinders must be keyed to the great grand master system following the specific instructions of the school district or its appointed liason.
.6 All codes must be generated at the lock manufacturer mastery department and copyrighted.
.7 All keying shall be done at the factory or by a qualified locksmith with factory bitting under the direction of a certified Architectural Hardware Consultant (AHC).
.8 All locks and lock cylinders must accept large format interchangeable core as well as standard core cylinders where applicable.
.9 Provide interchangeable core cylinders at all exterior doors, and interior doors with exit devices, standard core cylinders on all other interior doors.
.10 Provide 3 change keys per lock, 5 master keys for each master system and 5 grandmasters for each grandmaster system. Furnish one extra key blank per lock.

2. Keying Schematic and Layout

.1 Lock manufacturer shall successfully conduct keying meetings to ensure proper keying of all locks and cylinders.
.2 The keying schematic shall conform to district keying system requirements in regard to proper lock manufacturer, keyway, code generation and master key order placement.
.3 Hardware supplier shall submit keying schedule for approval prior to placing an order for the locks. Furnish a bitting list to the school district before installation of permanent cylinders.

3. Locks and Cylinders

.1 Any lock manufacturer used must make housings for standard core cylinders as well as large format cores.
.2 Lock manufacturer's representative must assist in keying locks and code generation in such a way that it will conform to all above specifications.

.3 Lock manufacturer's housing must be able to accept Schlage Everest UL437 listed cylinder.
.4 Mortise locksets shall be used on all new doors and for retrofit of existing doors with old mortise lock cutouts.
.5 Mortise locksets shall be L9000 series as manufactured by Schlage Lock Co. Trim design shall be 17 lever with L style escutcheon unless specified otherwise. Trim design to be verified on a per job basis.
6 ND series cylindrical locksets as manufactured by Schlage Lock Co. shall be used when retrofitting existing doors with cylindrical lock cutouts.
.7 Furnish a key cabinet system where projects have fifty new doors or involve rekeying the entire building, Telkee or equal.

8. Furnish temporary cylinders, or keying for the construction period. Coordinate all permanent cylinder, keys and keying requirements with Roddy Johnson, Locksmith / Plant Maintenance Division (585)-336-4126.

2.05 MATERIALS As listed below, unless indicated otherwise in Hardware Sets

1. Hinges – Ives, (Stanley, McKinney, Hager)

.1 All 3CB (EXCEPT as noted)
.2 (3) hinges up to and including 90" door height
.3 (4) hinges for doors over 90"
.4 Width of hinge = 4½" except as noted, furnish wide throw hinges where trim conditions require.
.5 Height of hinge = 4½"up to 38" door width - 5" on doors over 38"
.6 ALL hinges on corridor doors shall be NRP (non-removeable pin)

2. Continuous Hinges – Ives, (Select Products, Roton)

.1 Hinge shall be a pinless assembly of three interlocking extrusions applied to the full height of the door and frame without mortising. The door leaf and jamb leaf shall be geared together for the entire length of the hinge and joined by a channel. Hinge knuckle shall be monolithic in appearance.

Continuous hinges with visible knuckle separations are not acceptable. Vertical door loads shall be carried on minimum 3/4" acetyl bearings through a full 180 degrees. All (HD) heavy-duty hinges shall have a minimum of (32) acetyl bearings supplied on a (84") tall continuous hinge.

2. Screw hole locations on door leaf and jamb leaf to be templated.

3. Locksets- Schlage L Series, (Corbin Russwin ML2000VR Series, Best 45H)

.1 Locksets shall be Schlage L9000 series mortise type and must have the following features:
.2 Hand of lock can be changed without disassembly of lock case.
.3 Lever support springs are replaceable without disassembly of lock case.
.4 Outside spindles on locking functions on sets with lever handle trim shall be of a type which is separate from the inside spindle. Threaded swivel connection between outside and inside lever trim is unacceptable.
.5 Trim to be applied by threaded bushing. Exposed fasteners shall not be acceptable.
.6 Manufacturer shall provide universal lock chassis, one lock case for knobs or levers.

4. Lock Trim

.1 Locksets shall be furnished with lever handle trim (Trim design to be determined on a per job basis). Levers shall be solid in construction, 4-¾" minimum length. Escutcheons shall be cold forged. Roses shall be heavy wrought, 2-1/8" maximum diameter.

.2 All locks to be furnished with (6) pin cylinders as specified above. Cylinder cams shall match the lock manufacturer's template.

5. Deadlocks – Yale 300 Series – (Accurate, Corbin/Russwin, Schlage)

6. Exit Devices – Von Duprin, (Stanley/Precision 2000 Apex, Sargent 80)
.1 99 Series except as noted

.2 Keyed removable mullions on pairs of doors.

.3 Furnish glass bead kits at fire doors wherever the glass area falls below 42" above finish floor.

.4 All devices shall incorporate fluid damper or similar device, which will slow down the touchbar return, thereby eliminating the noise commonly, associated with panic bars.

.5 Strikes at pullman type latches shall be roller type.

.6 The latchbolt shall be molly coated, a self-lubricating coating, which reduces friction and wear. Latchbolt shall have a deadlocking feature.

.7 Center Case: Shall be interchangeable with all functions.

.8 All internal parts shall be zinc dichromate coated.

.9 Strikes: Shall be roller type and come complete with a locking plate to prevent movement.

.12 Trim: Shall be heavy-duty type and fastened by means of concealed welded lugs and thru bolts from the inside. Lever trim shall be cast, or forged brass with a minimum average thickness on the escutcheon of (.130). Plate on pull trim shall be minimum average thickness (.090) and have forged pulls.

.13 Lever trim shall incorporate two heavy duty compression springs and have breakaway feature.

7. Closers – LCN 4000 Series, (Sargent 281 Series less PRV)
   .1 Furnish LCN with standard metal cover, EXCEPT as noted.

   .2 Indicate degree of opening for mounting closer for each door on hardware schedule.

   .3 Furnish with each closer a full size screw location template for correct type of mounting and degree of opening.

.4 Furnish thru-bolts and ceal nuts (NOT GROMMETS) at all wood fire doors and as may be required by carpenter for correct fastening.

.5 Metal cover shall be fastened to closer body with tamper resistant screws, installed through holes in cover. Slotted covers are not acceptable. Closer arm shall be fastened to frame with tamper resistant screws.

.6 All closers shall meet or exceed the ANSI 117 standards.

.7 Furnish all adapter plates, brackets, and related closer accessories required by manufacturer for mounting closers on the doors and frames as detailed.

.8 All manual door closers shall be certified to exceed ten million (10,000,000) full load operating cycles by a recognized independent testing laboratory.

.9 All manual closers shall carry a manufacturers minimum ten (10) year warranty.

.10 All closer with electrical or pneumatic components shall carry a manufacturers two (2) year warranty.

.11 Fully hydraulic, rack and pinion action with high strength cast iron cylinders and one piece forged steel pistons.

.12 Hydraulic fluid of a type requiring no seasonal adjustments for temperatures from 120º F (49º C) to -30º F (-35º C).

.13 Pinion shaft minimum diameter of 11/16".

.14 Hydraulic regulation controlled by tamper-proof, non-critical screw valves, adjustable with a hex wrench. Separate adjustments for backcheck, general speed, and latch speed. Backcheck shall be properly located for protection of the door, frame, and applied hardware.

.15 Forged steel main arms. Forged steel main and forearms at PA application. Arms at PA location shall be vandal proof design. Any PA arm that can be taken apart in the field shall not be acceptable.

8. Push/Pull Plates – Ives (Rocwood Mfg., Baldwin) Except As Indicated In Hardware Types Furnish:

.1 Push Plate #8200 3-½" x 15"
.2 Pull Plate #8305-8 3-1/2" x 15"

9. Kickplates – Ives 8400 Series (Rockwood Mfg., Baldwin)

.1 (.051") thick.
.2 8" high except as noted.
.3 Width of door less 2" on push side.
.4 Width of door less ½" on pull side.
.5 Width of door less 6" on doors with surface vertical rods.

10. Stops – Ives, (Rockwood Mfg.)

.1 FS436 floor stops at all doors EXCEPT: WS407CVX where knob contacts wall or Glynn-Johnson (Rixson) 90/450 series OH Stop where floor and wall stops are impractical.

11. Overhead Door Holders – Glynn Johnson 90/450 Series (Rixson)

12. Thresholds – Wooster, Zero (National Guard, Reese)

.1 Furnish #115-4" Alumogrit - notched for stops except as noted or detailed otherwise.

.2 Furnish stainless steel screws and lead anchors for fastening.

13. Sweepstrips – Zero (National Guard C607, Reese 964)

.1 Nylon Brush type 8192 x width of door
.2 Polypropylene UNACCEPTABLE

14. Weatherstripping – Zero, (National Guard A625, Reese 961)

.1 Nylon brush type 8305 – head & jamb, except as noted
.2 Polypropylene UNACCEPTABLE

15. Soundproof Gasketing – Zero (National Guard, Reese)
    .1 Wherever soundproofing is shown or listed in the specifications or drawings, furnish:
        .1 170 adjustable gasketing – mitered at head and jambs
        .2 361 automatic door bottom

16. Manual Flush Bolts – Ives (Door Controls, Rockwood Mfg.) FB458

17. Automatic Flush Bolts – Ives (Door Controls, Rockwood Mfg.)

    .1 FB30 (metal doors) FB40 (wood doors)
    .2 Furnish DP2 dustproof strike at bottom bolt

18. Self-Latching Bolts - Ives (Door Controls, Rockwood Mfg.)
    FB50 (metal doors), FB60 (wood doors)
    .1 Furnish DP2 dustproof strike at bottom bolt

19. Coordinators - Ives (Door Controls, Rockwood Mfg.)
    .1 Furnish C O R Series with required brackets and CB-1 carry bar, unless otherwise noted.

20. Electromagnetic Stops & Holder – LCN SEM Series, (Rixson, Dorma)

21. Astragals – Zero (National Guard, Reese)
    .1 8194 at meeting stiles – at fire rated wood doors

22. Smoke Gasketing – Zero (National Guard, Reese)
    .1 188S stick on silicone – head & Jamb

Hardware Set No. 01

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	CLASSROOM SECURITY	L9071T 17L	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE

1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 02

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	SET	CONST LATCHING BOLT	FB61P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	CLASSROOM SECURITY	L9071T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	MEETING STILE	8194AA	AA	ZER
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 03

Each To Have:

6	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
2	EA	MANUAL FLUSH BOLT	FB458 12"	626	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 04

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FACULTY RESTROOM	L9485T 06A L583-363 L283-722	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 05

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 06

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE RATED REMOVABLE MULLION	KR9954	689	VON
2	EA	FIRE EXIT HARDWARE	99-L-F-17	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
3	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	MORTISE CYLINDER	26-091 ICX	626	SCH
2	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 07

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	FIRE/LIFE WALL MAG	SEM7830	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Doors held open by wall magnets. Automatic release upon smoke/fire alarm activation.

Hardware Set No. 08

Each To Have:

3	EA	HINGE	5BB1HW 5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 09

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY LOCK	L9040 17N L583-363 L283-722	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 10

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FIRE EXIT HARDWARE	99-NL-F	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 11

Each To Have:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	COORDINATOR	COR7G	626	IVE
1	EA	OH STOP	90S	630	GLY
2	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE

1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 12

Each To Have:

6	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	SET	CONST LATCHING BOLT	FB51P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 13

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FIRE EXIT HARDWARE	99-NL-F	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 14

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY LOCK	L9040 17N L583-363 L283-722	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 15

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE

1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 16

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	L9010 17L	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 17

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	OH STOP	90S	630	GLY
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 18

Each To Have:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	SET	CONST LATCHING BOLT	FB61P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	OH STOP	90S	630	GLY
2	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	MEETING STILE	8194AA	AA	ZER
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 19

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 20

Each To Have:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
6	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	SET	CONST LATCHING BOLT	FB51P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	OH STOP	90S	630	GLY
2	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 21

Each To Have:

6	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	SET	CONST LATCHING BOLT	FB51P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 22

Each To Have:

2	EA	PIVOT SET	7226 SET	626	IVE
2	EA	DOOR PULL, 3/4" RND	8102HD 8" STD	630	IVE
2	EA	OH STOP & HOLDER	450F	630	GLY
1	EA	CABINET HARDWARE	CL21A	626	IVE
2	EA	SILENCER	SR65	GRY	IVE

Hardware Set No. 23

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	OH STOP & HOLDER	450F	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 24

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	SET	CONST LATCHING BOLT	FB61P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	COORDINATOR	COR X FL	628	IVE
2	EA	MOUNTING BRACKET	MB	689	IVE
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 25

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050T 17L L583-363	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH

1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 26

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 27

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011T BUMP MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 28

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 29

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 30

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 31

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	L9010 17L	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 32

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	CLASSROOM SECURITY	L9071T 17L	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	870AA-S	AA	ZER
1	EA	DOOR BOTTOM	360AA	AA	ZER
1	EA	MOUNTING BRACKET	870SPB		ZER

Hardware Set No. 33

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	SET	CONST LATCHING BOLT	FB61P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	CLASSROOM SECURITY	L9071T 17L	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	MEETING STILE	328AA-S	AA	ZER
1	EA	GASKETING	870AA-S	AA	ZER
2	EA	DOOR BOTTOM	360AA	AA	ZER
2	EA	MOUNTING BRACKET	870SPB		ZER

Hardware Set No. 34

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	CLASSROOM SECURITY	L9071T 17L	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 35

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	CLASSROOM SECURITY	L9071T 17L	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	OH STOP	90S	630	GLY
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 36

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	L9010 17L	626	SCH
1	EA	OH STOP	450S	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 37

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 38

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	SET	CONST LATCHING BOLT	FB61P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	ELECTRIC STRIKE	6223 FSE	630	VON
1	EA	COORDINATOR	COR7G	626	IVE
2	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
2	EA	MEETING STILE	8194AA	AA	ZER
1	EA	GASKETING	188FSBK PSA	BK	ZER

Card reader, power supply, REX and door contact by Owner.
Theory of operation: From Corridor, Doors normally latched and locked. Proper credential to reader energizes electric strike allowing active (RHR) leaf to be opened.
Free egress from Receiving at all times.

Hardware Set No. 39

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	REMOVABLE MULLION	KR4854B	689	VON
1	EA	FIRE EXIT HARDWARE	99-L-F-17 Less Strike	626	VON
1	EA	FIRE EXIT HARDWARE	99-L-F-17-499F	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
3	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	MORTISE CYLINDER	26-091 ICX	626	SCH
1	EA	ELECTRIC STRIKE	6300 FSE	630	VON
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Card reader, power supply, REX and door contact by Owner.
Theory of operation: From Main Lobby, doors normally latched and locked. Proper credential to reader or remote release from Office energizes electric strike allowing active (RHR) leaf to be pulled open.
Free egress from Corridor at all times.

Hardware Set No. 40

Each To Have:

6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	COORDINATOR	COR7G	626	IVE
1	EA	OH STOP	90S	630	GLY
2	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	MEETING STILE	8194AA	AA	ZER
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 41

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM SECURITY	L9071T 17L	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE

1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 43

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY LOCK	L9040 17L	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 44

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050T 17L L583-363	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 45

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050T 17L L583-363	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	OH STOP	450S	630	GLY
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 46

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK LESS STRIKE	L9080T LLL 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH

1	EA	ELECTRIC STRIKE	6211 FSE	630	VON
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Card reader, power supply, REX and door contact by Owner.

Hardware Set No. 47

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 48

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	MANUAL FLUSH BOLT	FB458 12"	626	IVE
1	EA	STOREROOM LOCK	L9080T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	OH STOP & HOLDER	90H	630	GLY
1	EA	SURFACE CLOSER	4111 HCUSH MC TBWMS	689	LCN
1	EA	GASKETING	429AA-S	AA	ZER
2	EA	DOOR SWEEP	8192AA	AA	ZER
1	EA	THRESHOLD	656A-223	A	ZER

Overlapping astragal by door mfr.

Hardware Set No. 49

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	MANUAL FLUSH BOLT	FB458 12"	626	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH

1	EA	COORDINATOR	COR7G	626	IVE
2	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	FLOOR STOP/HOLDER	FS496	626	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE

Hardware Set No. 50

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	SET	CONST LATCHING BOLT	FB61P	630	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	COORDINATOR	COR X FL	628	IVE
2	EA	MOUNTING BRACKET	MB	689	IVE
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 51

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE EXIT HARDWARE	9927-EO-F-LBR-499F	626	VON
1	EA	FIRE EXIT HARDWARE	9927-L-F-LBR-17-499F	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	FIRE/LIFE WALL MAG	SEM7830	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Doors held open by wall magnets. Locate at lower portion of door (Dr. COR-C.1 only). Insure contact with door armatures with modification.
Automatic release upon smoke/fire alarm activation.

Hardware Set No. 52

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	REMOVABLE MULLION	KR4854B	689	VON
1	EA	PANIC HARDWARE	CD-99-EO	626	VON
1	EA	ELEC PANIC HARDWARE	CD-LX-LC-99-NL-OP-110MD Less Strike	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
4	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	MORTISE CYLINDER	26-091 ICX	626	SCH
2	EA	MORTISE CYLINDER	26-091 ICX XQ11-948	626	SCH
1	EA	ELECTRIC STRIKE	6300 FSE	630	VON
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	SURF. AUTO OPERATOR	4642 WMS	689	LCN
1	EA	ACTUATOR PKG WALL MT	8310-3860TW	630	LCN
1	EA	GASKETING	429AA-S	AA	ZER
1	EA	THRESHOLD	656A-223	A	ZER

Card reader, power supply, REX and door contact by Owner.
Integral flush pull and recessed adjustable door bottom by door mfr.
Theory of operation: From exterior, doors normally latched and locked. Outside actuator disabled. Proper credential to reader or remote signal from Office energizes electric strike and enables outside actuator. Pressing actuator initiates automatic operation of active (RHR) leaf.
From Stair - When locked, actuator always enabled. pressing actuator energizes electric strike and initiates automatic operation.
When unlocked, latches are held retracted in the dogged position for push-pull operation.
Pressing either actuator initiates automatic operation.
Free egress from Stair at all times.

Hardware Set No. 53

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	STOREROOM LOCK LESS STRIKE	L9080T LLL 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE	630	VON
1	EA	LOCK GUARD	LG14	630	IVE
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	GASKETING	429AA-S	AA	ZER
1	EA	THRESHOLD	656A-223	A	ZER

Card reader, power supply, REX and door contact by Owner.
Integral flush pull and recessed adjustable door bottom by door mfr.
Theory of operation: Door normally latched and locked. Proper credential to reader or remote

release from Custodian or Main Office energizes electric strike allowing door to be opened.
Free egress from Receiving at all times.

Hardware Set No. 54

Each To Have:

1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1		RIM OR MORTISE CYLINDER	AS REQUIRED	626	SCH
			BALANCE OF HARDWARE BY DOOR MANUFACTURER		

Hardware Set No. 55

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	DBL CYL STORE W/DB	L9466HD 17A	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	429AA-S	AA	ZER
1	EA	DOOR SWEEP	8192AA	AA	ZER
1	EA	THRESHOLD	560A-223	A	ZER

Hardware Set No. 56

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	STOREROOM W/DEADBOLT	L9480T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	429AA-S	AA	ZER
1	EA	DOOR SWEEP	8192AA	AA	ZER
1	EA	THRESHOLD	656A-223	A	ZER

Hardware Set No. 57

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK LESS STRIKE	L9080T LLL 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE	630	VON
1	EA	SURF. AUTO OPERATOR	4631 TBTRX	689	LCN
2	EA	ACTUATOR, WALL MOUNT	8310-856T	630	LCN
1	EA	SURFACE MOUNT BOX	8310-868S	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Card reader by Owner.
Draw power from auto. operator for electric strike.
Theory of operation: Door always locked. Actuator disabled. Proper credential to reader energizes electric strike and enable actuator. Pressing actuator initiates automatic operation.

Hardware Set No. 58

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	FIRE EXIT HARDWARE	9927-L-F-LBR-17-499F	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	MEETING STILE	328AA-S	AA	ZER
1	EA	GASKETING	429AA-S	AA	ZER
2	EA	DOOR BOTTOM	360AA	AA	ZER
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 59

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	FIRE EXIT HARDWARE	9927-L-F-LBR-17-499F	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	MEETING STILE	8194AA	AA	ZER

1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 60

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 61

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE EXIT HARDWARE	99-L-F-2-17	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 62

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM X STOREROOM LOCK LESS STRIKE	L9066T LLL 17L XL12-876	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE	630	VON
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Card reader and power supply by Owner.
Theory of operation: From Corridor - During open hours, door normally unlocked, locked after

hours.Door can be locked, or unlocked with key. From Main Office, door always locked. Proper credential to reader or remote signal energizes electric strike, allowing door to be opened.

Hardware Set No. 63

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE EXIT HARDWARE	99-L-F-17	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011T BUMP MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 64

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE EXIT HARDWARE	99-EO-F	626	VON
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 65

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	CONT. HINGE	224HD EPT	628	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	FIRE RATED REMOVABLE MULLION	KR9954	689	VON
1	EA	FIRE EXIT HARDWARE	99-EO-F-499F	626	VON
1	EA	FIRE EXIT HARDWARE	99-L-F-E996-17-499F-FS	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	MORTISE CYLINDER	26-091 ICX	626	SCH
2	EA	SURFACE CLOSER	4011T MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
2	EA	FIRE/LIFE WALL MAG	SEM7830	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Power supply by Owner.
Theory of operation: Doors normally held open by wall magnets. When locking required fro Stair side, electronic trim energized. Lever rigid.
Wall magnets automatically release and lever becomes active upon smoke/fire alarm activation.
Free egress from Corridor at all times.

Hardware Set No. 66

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE RATED REMOVABLE MULLION	KR9954	689	VON
2	EA	FIRE EXIT HARDWARE	99-L-F-17-499F	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
3	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	MORTISE CYLINDER	26-091 ICX	626	SCH
2	EA	SURFACE CLOSER	4011T MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 67

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE EXIT HARDWARE	99-NL-F	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 68

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE RATED REMOVABLE MULLION	KR9954	689	VON
1	EA	FIRE EXIT HARDWARE	99-EO-F-499F	626	VON

1	EA	FIRE EXIT HARDWARE	99-L-F-17-499F	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	MORTISE CYLINDER	26-091 ICX	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
2	EA	FIRE/LIFE WALL MAG	SEM7830	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Door normally held open by wall magnets.
Automatic release upon smoke/fire alarm activation.

Hardware Set No. 69

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE RATED REMOVABLE MULLION	KR9954	689	VON
1	EA	FIRE EXIT HARDWARE	99-EO-F-499F	626	VON
1	EA	FIRE EXIT HARDWARE	99-L-F-17-499F	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
2	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	MORTISE CYLINDER	26-091 ICX	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
2	EA	FIRE/LIFE WALL MAG	SEM7850	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Door normally held open by wall magnets.
Automatic release upon smoke/fire alarm activation.

Hardware Set No. 70

Each To Have:

1	EA	CONT. HINGE	224HD	628	IVE
1	EA	FIRE EXIT HARDWARE	99-L-F-17	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	FIRE/LIFE WALL MAG	SEM7830	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Door normally held open by wall magnets.
Automatic release upon smoke/fire alarm activation.

Hardware Set No. 72

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	PANIC HARDWARE	CD-9927-L-06	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
4	EA	FSIC CORE	23-030 EV29 T	626	SCH
2	EA	MORTISE CYLINDER	26-091 ICX XQ11-948	626	SCH
2	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	MEETING STILE	328AA-S	AA	ZER
1	EA	GASKETING	429AA-S	AA	ZER
2	EA	DOOR BOTTOM	360AA	AA	ZER
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 73

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070T 17L	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP/HOLDER	FS495	626	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Set No. 74

Each To Have:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK LESS INSIDE TRIM	L9080T 17L LLL	626	SCH
1	EA	FSIC CORE	23-030 EV29 T	626	SCH
1	EA	SURFACE CLOSER	4011 MC TBTRX	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	GASKETING	188FSBK PSA	BK	ZER

Hardware Set No. 75

Each To Have:

2	EA	CONT. HINGE	224HD	628	IVE
2	EA	FIRE EXIT HARDWARE	9927-EO-F-LBR-499F	626	VON
1	EA	FIRE/LIFE HOLDER	4040SEH	689	LCN
1	EA	SURFACE CLOSER	4111 CUSH MC TBTRX	689	LCN
1	EA	SURFACE CLOSER	4111 EDA MC TBTRX	689	LCN
2	EA	KICK PLATE	8400 8" X 1" LDW B-CS	630	IVE
1	EA	FIRE/LIFE WALL MAG	SEM7830	689	LCN
1	EA	GASKETING	188FSBK PSA	BK	ZER

Doors held open by wall magnet at northern leaf and electronic holder on southern leaf. Locate wall magnet to Insure contact with door armatures with modification.
Automatic release upon smoke/fire alarm activation.

END OF SECTION

DOOR SCHEDULE

		DOOR								FRAME					
DOOR NO.	ROOM	WIDTH	HEIGHT	SINGLE/PAIR	TYPE	MAT.	FINISH	GLASS	FIRE RATING	TYPE	MAT.	FINISH	GLASS	HARDWARE SET	COMMENTS
BOILER ROOM															
SF17	CRAWL SPACE	VIF	VIF	SINGLE	FL	HM	1	--	90	ETR	ETR	1	--	30	
BASEMENT (536.20')															
3	COMPUTER CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	2	HM	1	--	1	
4	ART ROOM	5' - 0"	7' - 0"	UN PAIR	UV	WD	2	C	20	2	HM	1	--	2	2' INACTIVE LEAF
4A	STORAGE	5' - 0"	7' - 0"	UN PAIR	UF	WD	2	--	90	2	HM	1	--	3	2' INACTIVE LEAF
6	FACULTTY TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	20	2	HM	1	--	27	PROVIDE 1" DOOR UNDERCUT
7	JC	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	20	2	HM	1	--	27	PROVIDE 1" DOOR UNDERCUT
8	CAFETERIA	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	20	4	HM	1	B	6	
8A	BOY'S TOILET	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	20	2	HM	1	--	5	
8B	GIRLS TOILET	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	20	2	HM	1	--	4	PROVIDE 1" DOOR UNDERCUT
11.2	ELECTRICAL EQUIPMENT ROOM	3' - 4"	6' - 8"	SINGLE	FL	HM	1	--	90	2	HM	1	--	10	
11.3	BOILER RM.	6' - 4"	7' - 0"	PAIR	DF	HM	1	--	90	2	HM	1	--	11	
11A.2	ELECTRICAL EQUIPMENT RM.	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	90	2	HM	1	--	13	
12	KITCHEN SERVERY (JC)	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	--	1	HM	1	--	29	
12.1	KITCHEN SERVERY	3' - 0"	7' - 0"	SINGLE	V	HM	1	C	90	2	HM	1	--	7	
12.2	KITCHEN SERVERY	3' - 0"	7' - 0"	SINGLE	V	HM	1	C	90	2	HM	1	--	7	
12.3	KITCHEN SERVERY	3' - 0"	7' - 0"	SINGLE	V	HM	1	C	90	2	HM	1	--	7	
12.4	KITCHEN SERVERY	3' - 0"	7' - 0"	SINGLE	V	HM	1	C	90	2	HM	1	--	7	
12A	OFFICE (KITCHEN)	3' - 0"	7' - 0"	SINGLE	V	HM	1	B	--	1	HM	1	--	44	
12B	WOMEN'S (KITCHEN)	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	--	1	HM	1	--	14	PROVIDE 1" DOOR UNDERCUT
12C	LOCKER RM. (KITCHEN)	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	--	1	HM	1	--	16	
12D	MENS (KITCHEN)	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	--	1	HM	1	--	14	PROVIDE 1" DOOR UNDERCUT
13	KITCHEN STORAGE RM.	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	90	2	HM	1	--	17	
14	KITCHEN STORAGE RM.	6' - 4"	7' - 0"	PAIR	DF	HM	1	--	90	2	HM	1	--	18	
15	ELEV. EQUIPMENT RM	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	60	2	HM	1	--	19	
15A	STORAGE ROOM	6' - 4"	7' - 0"	PAIR	DF	HM	1	--	90	2	HM	1	--	20	
16	STORAGE	6' - 4"	7' - 0"	PAIR	DF	HM	1	--	90	2	HM	1	--	21	
C-B.1	CORRIDOR B	6' - 4"	7' - 0"	PAIR	DV	HM	1	B	--	2	HM	1	--	49	
C-B.2	CORRIDOR B	6' - 4"	7' - 0"	PAIR	DF	HM	1	--	90	2	HM	1	--	12	
C-B.3	KITCHEN SERVERY	4' - 4"	7' - 0"	UN PAIR	UF	HM	1	--	90	2	HM	1	--	50	1'-4" INACTIVE LEAF
C-D.1	CORRIDOR D	VIF	VIF	SINGLE	FL	HM	1	--	90	2	HM	1	--	5	
C-D.2	CAFETERIA	3'-4"	6'-8"	SINGLE	FL	HM	1	--		2	HM	1	--	8	
SF1	VAULT STORAGE	VIF	VIF	SINGLE	FL	WD	1	--	90	ETR	ETR	1	--	5	
SF1B	MECHANICAL	VIF	VIF	SINGLE	FL	HM	1	--	90	ETR	ETR	1	--	19	
SF2	ISS	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	--	35	
SF5	BOOK STORAGE	VIF	VIF	SINGLE	FL	WD	2	--	90	ETR	ETR	1	--	28	
SF9	OFFICE	VIF	VIF	SINGLE	V	HM	2	C	45	ETR	ETR	1	--	25	
SF10	STORAGE	VIF	VIF	SINGLE	FL	HM	2	--	90	ETR	ETR	1	--	28	
SF11.1	BOILER RM.	VIF	VIF	SINGLE	FL	HM	2	--	90	ETR	ETR	1	--	37	
ST-2A	STAIR 2	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	4	HM	1	C	68	
ST-3A	STAIR 3	6' - 0"	7' - 0"	PAIR	FV	HM	1	C	90	2	HM	1	--	66	

DOOR SCHEDULE

		DOOR								FRAME					
DOOR NO.	ROOM	WIDTH	HEIGHT	SINGLE/PAIR	TYPE	MAT.	FINISH	GLASS	FIRE RATING	TYPE	MAT.	FINISH	GLASS	HARDWARE SET	COMMENTS
ST-4A	STAIR 4	3' - 0"	7' - 0"	SINGLE	DG	HM	1	C	60	2	HM	1	--	63	
ST-7A	STAIR 7	3' - 0"	7' - 0"	SINGLE	DG	HM	1	C	60	2	HM	1	--	70	
C1.2	CRAWL SPACE	5' - 8"	2' - 6"	PAIR	FL	HM	1	--	90	2	HM	1	--	21	
EX-129	OUTDOOR STORAGE	10' - 0"	10' - 0"	PAIR	OHS	--	1	--	--	MAN.	MAN.	1	--	54	OVERHEAD DOOR W/ CYL. LOCK
EX-129.1	OUTDOOR STORAGE	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	--	2	HM	1	--	56	EXTERIOR DOOR
EX4B	ENTRANCE DOOR (STAIR 4)	6' - 0"	7' - 0"	PAIR	HG	AL/FRP	MAN.	A	--	3	AL	1	A	52	ES/CR AUTO ADA OPENER, PROVIDE SECURITY SCREEN OVER VISON PANEL(S) (EXTERIOR SIDE)
ST-4B.1	TO BASEMENT (STAIR 4)	3' - 0"	7' - 0"	SINGLE	V	WD	2	--	--	2	HM	1	--	67	
CUSTODIAN MEZZANINE LEVEL- 561.90															
108A.2	LOCKER ROOM	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	90	2	HM	1	--	30	
108B	CUSTODIAN'S OFFICE	3' - 0"	7' - 0"	SINGLE	V	HM	1	--	90	2	HM	1	--	25	
SF108D	TOILET	VIF	VIF	SINGLE	FL	HM	1	--	--	ETR	ETR	1	--	43	PROVIDE 1" DOOR UNDERCUT
FIRST FLOOR- (548.30')															
ST7B	STAIR 7	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	60	1	HM	1	--	64	
EX116.1	RECEIVING	3' - 0"	7' - 0"	SINGLE	V	HM	1	B	--	1	HM	1	A	53	EXTERIOR DOOR ES/CR
EX116.2	RECEIVING	8' - 8"	8'-9 5/16"	OH	--	MAN.	1	--	--	MAN.	HM	1	--	54	OVERHEAD COILING DOOR
100	MAIN LOBBY	VIF	VIF	PAIR	DG	HM	1	C	45	VIF	HM	1	C	39	ES/CR VERIFY EXISTING R.O.
103.1	1-3 GRADE CLASSROOM/CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
103.2	1-3 GRADE CLASSROOM/CL	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
103.3	1-3 GRADE CLASSROOM/CL	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
104.1	1-3 GRADE CLASSROOM/CL	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
104.2	1-3 GRADE CLASSROOM/CL	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
104.3	1-3 GRADE CLASSROOM/CL	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
104.4	1-3 GRADE CLASSROOM/CL	2' - 0"	6' - 0"	SINGLE	FL	WD	2	--	--	7	WD	2	--	23	
105.5	GYM VESTIBULE	4' - 6"	7' - 0"	UN PAIR	UV	WD	2	C	90	2	HM	1	--	24	(1) 3'-0" DOOR PANEL & (1) 1'-6" DOOR PANEL, PROVIDE IMPACT SCREENS AT VISION PANEL(S), PROVIDE ACOUSTICS SOUND SEAL(S), 1'-6" INACTIVE LEAF
105B	PE OFFICE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	25	
105D.2	GYM/AUD STORAGE	3' - 0"	7' - 0"	SINGLE	FL	HM	1	--	45	1	HM	1	--	26	
106	BOY'S (TOILET)	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	45	2	HM	1	--	27	PROVIDE 1" DOOR UNDERCUT
106A	CL.	2' - 6"	6' - 8"	SINGLE	FL	WD	2	--	45	2	HM	1	--	28	
107.1	SPEC. ED (12:1:1)/CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
107.2	SPEC. ED (12:1:1)/CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM

DOOR SCHEDULE

		DOOR								FRAME					
DOOR NO.	ROOM	WIDTH	HEIGHT	SINGLE/PAIR	TYPE	MAT.	FINISH	GLASS	FIRE RATING	TYPE	MAT.	FINISH	GLASS	HARDWARE SET	COMMENTS
107.3	SPEC. ED (12:1:1)/CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS WITH WOOD TRIM
107.4	SPEC. ED (12:1:1)/CL	2' - 0"	6' - 0"	SINGLE	FL	WD	2	--	--	7	WD	2	--	29	
108	BOILER RM.	3' - 0"	7' - 0"	SINGLE	V	HM	2	C	45	2	HM	2	--	28	
110A	SPEC. ED (15:1:1)/TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	31	PROVIDE 1" DOOR UNDERCUT
111	MUSIC CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	45	3	HM	1	C	32	PROVIDE ACOUSTICS SOUND SEAL(S), W16 TRANSOM
112	INSTRUMENTAL MUSIC/ DRAMA CLASSROOM	4' - 4"	7' - 0"	UN PAIR	UV	WD	2	C	45	3	HM	1	C	33	(1) 3'-0" DOOR PANEL & (1) 1'-4" DOOR PANEL, PROVIDE ACOUSTICS SOUND SEAL(S), W17 TRANSOM, 1'-4" INACTIVE LEAF
113.1	SPEECH	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	2	HM	1	--	35	PROVIDE ACOUSTICS SOUND SEAL(S)
113.2	SPEECH	3' - 0"	7' - 0"	SINGLE	V	WD	2	B	--	1	HM	1	--	31	PROVIDE ACOUSTICS SOUND SEAL(S)
114.1	SPEECH	3' - 0"	7' - 0"	SINGLE	V	WD	2	B	--	1	HM	1	--	36	PROVIDE ACOUSTICS SOUND SEAL(S), W16 TRANSOM, LABLE DOOR LEAF WITH CODE REQIRED "EMERGENCY EGRESS DOOR" ROOM SIDE.
114.2	READING TEACHER	3' - 0"	7' - 0"	SINGLE	V	WD	2	B	--	1	HM	1	--	31	LABLE DOOR LEAF WITH CODE REQIRED "EMERGENCY EGRESS DOOR" ROOM SIDE.
114.3	PRIMARY PROJECT	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	35	LABLE DOOR LEAF WITH CODE REQIRED "EMERGENCY EGRESS DOOR" ROOM SIDE.
115	JC	2' - 4"	7' - 0"	SINGLE	FL	WD	2	C	45	2	HM	1	--	37	
116	RECEIVING	6' - 4"	7' - 0"	PAIR	DV	WD	2	C	45	2	HM	1	--	38	ES/CR
117	KINDERGARTEN	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	3	HM	1	B	1	W16 TRANSOM
117A	KINDERGARTEN (TOILET)	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	31	PROVIDE 1" DOOR UNDERCUT
118	PROPS STORAGE	6' - 0"	7' - 0"	PAIR	DF	WD	2	--	45	2	HM	1	--	40	
119	WOMENS TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	45	2	HM	1	--	4	PROVIDE 1" DOOR UNDERCUT
120.1	NURSE SUITE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	41	
120.2	NURSE SUITE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	45	3	HM	1	C	34	W16 TRANSOM
120A	NURSE SUITE TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	1	HM	1	--	43	PROVIDE 1" DOOR UNDERCUT
120B	NURSE SUITE OFFICE	3' - 0"	7' - 0"	SINGLE	V	WD	2	B	--	2	HM	1	--	44	
121	KINDERGARTEN	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	2	HM	1	B	1	
121A	KINDERGARTEN (TOILET)	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	31	PROVIDE 1" DOOR UNDERCUT
122	PRE-K	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	3	HM	1	B	1	W16 TRANSOM
122A	PRE-K (TOILET)	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	31	PROVIDE 1" DOOR UNDERCUT
123	SECURITY OFFICE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	45	
124	PRE-K	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	3	HM	3	FILL	1	W16 TRANSOM
124A	PRE-K (TOILET)	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	31	PROVIDE 1" DOOR UNDERCUT
125	MEN'S TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	45	1	HM	1	--	4	PROVIDE 1" DOOR UNDERCUT
126	ESOL	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	45	3	HM	1	C	1	W16 TRANSOM
127	GIRLS TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	45	2	HM	1	--	27	PROVIDE 1" DOOR UNDERCUT
127A	JAN. CL	2' - 6"	6' - 8"	SINGLE	FL	WD	2	--	45	2	HM	1	--	5	

DOOR SCHEDULE

		DOOR								FRAME					
DOOR NO.	ROOM	WIDTH	HEIGHT	SINGLE/PAIR	TYPE	MAT.	FINISH	GLASS	FIRE RATING	TYPE	MAT.	FINISH	GLASS	HARDWARE SET	COMMENTS
128	DATA CLOSET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	90	2	HM	1	--	46	CARD READER ACCESS, REFER TO ELECTRICAL DRAWINGS
130.1	MAIN OFFICE SUITE	VIF	VIF	SINGLE	FG	HM	1	C	20	VIF	HM	1	B	47	
130.2	MAIN OFFICE SUITE	VIF	VIF	SINGLE	FG	HM	1	C	45	VIF	HM	1	C	62	ES/CR, VERIFY EXISTING R.O.
COR-C.1	CORRIDOR C	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	S	4	HM	1	C	51	
COR-C.2	CORRIDOR F	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	S	4	HM	1	C	51	
COR-D	CORRIDOR D	6' - 0"	7' - 0"	PAIR	DV	HM	1	C	90	1	HM	1	--	51	
COR-E	CORRIDOR F	6' - 0"	7' - 0"	PAIR	DV	HM	1	C	90	1	HM	1	--	51	
SF101	PARENT/ PTSA	VIF	VIF	SINGLE	V	WD	2	C	45	ETR	ETR	1	ETR	41	SIDE LIGHT AND TRANSOM TO REMAIN
SF102	1-3 GRADE CLASSROOM	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF103	1-3 GRADE CLASSROOM	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF104	1-3 GRADE CLASSROOM	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF105.1	GYMATORIUM	VIF	VIF	PAIR	DV	WD	2	C	45	ETR	ETR	1	--	58	NEW DOOR IN EXISTING FRAME, SIZE TO BE VERIFIED, PROVIDE ACOUSTIC SOUND SEAL(S), PROVIDE IMPACT SCREENS ON VISION PANEL(S)
SF105.2	GYMATORIUM	VIF	VIF	PAIR	UV	WD	2	C	45	ETR	ETR	1	--	58	NEW DOOR IN EXISTING FRAME, SIZE TO BE VERIFIED, SMALLER PANEL TO BE FIXED, PROVIDE ACOUSTICS SOUND SEAL(S), PROVIDE IMPACT SCREENS ON VISION PANEL(S)
SF105.3	GYMATORIUM	VIF	VIF	PAIR	DV	WD	2	C	45	ETR	ETR	1	--	58	NEW DOOR IN EXISTING FRAME, SIZE TO BE VERIFIED, PROVIDE ACOUSTIC SOUND SEAL(S), PROVIDE IMPACT SCREENS ON VISION PANEL(S)
SF105.4	GYM VESTIBULE	VIF	VIF	PAIR	DV	WD	2	B	--	ETR	ETR	1	--	72	NEW DOOR IN EXISTING FRAME, SIZE TO BE VERIFIED, PROVIDE ACOUSTIC SOUND SEAL(S), PROVIDE IMPACT SCREENS ON VISION PANEL(S)
SF105C	STAGE	VIF	VIF	SINGLE	FL	WD	2	--	60	ETR	ETR	1	--	30	
SF105D.1	GYM VESTIBULE	VIF	VIF	PAIR	DV	WD	2	C	45	ETR	ETR	1	--	59	
SF107	SPECIAL ED	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF108A.1	BOILER RM.	VIF	VIF	SINGLE	FL	HM	1	--	90	ETR	ETR	1	--	16	
SF109	READING TEACHER	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	1	LABLE DOOR LEAF WITH CODE REQIRED "EMERGENCY EGRESS DOOR" ROOM SIDE.
SF110	SPEC. ED (15:1:1)	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF129	LIBRARY	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	61	W16 TRANSOM
SFST6B.1	LIBRARY	VIF	VIF	SINGLE	V	WD	2	C	60	ETR	ETR	1	C	63	
ST-1B	STAIR 1	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	4	HM	1	C	69	
ST-2B	STAIR 2	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	4	HM	1	C	68	
ST-3B	STAIR 3	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	4	HM	1	C	68	
ST-4B.2	STAIR 4	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	3	HM	1	C	69	W16 TRANSOM
ST-4B.3	STAIR 4	3' - 0"	7' - 0"	SINGLE	V	HM	1	B	--	2	HM	1	--	70	

DOOR SCHEDULE

		DOOR								FRAME					
DOOR NO.	ROOM	WIDTH	HEIGHT	SINGLE/PAIR	TYPE	MAT.	FINISH	GLASS	FIRE RATING	TYPE	MAT.	FINISH	GLASS	HARDWARE SET	COMMENTS
SECOND FLOOR- (561.88')															
9C.1	STAIR 9	4' - 8"	7' - 0"	UN PAIR	FL	WD	2	--	45	1	HM	1	--	11	(1) 3'-0" DOOR PANEL & (1) 1'-8" DOOR PANEL, 1'-8" INACTIVE LEAF
201.1	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
201.2	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
201.3	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
202.1	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
202.2	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
202.3	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
203.1	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
203.2	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
203.3	1-3 GRADE CLASSROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	2	--	22	(2) 2'-6" PIVOT DOOR PANELS
203.4	1-3 GRADE CLASSROOM/ CL	2'-0"	6'-0"	SINGLE	FL	WD	2	--	--	7	WD	2	--	23	
204	GIRLS TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	45	2	HM	1	--	27	PROVIDE 1" DOOR UNDERCUT
204A	CL.	2' - 4"	7' - 0"	SINGLE	FL	WD	2	--	45	2	HM	1		28	
206.1	RESOURCE ROOM/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
206.2	RESOURCE ROOM	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
206.3	RESOURCE ROOM	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
206.4	RESOURCE ROOM/ CL	2'-0"	6'-0"	SINGLE	FL	WD	2	--	--	7	WD	1	--	23	
207	**SP. ED TOILET/ LAUNDRY AND SHOWER**	**3' - 0"**	**7' - 0"**	**SINGLE**	**FL**	**WD**	**2**	**--**	**45**	**1**	**HM**	**12**	**-**	**4**	**PROVIDE 1" DOOR UNDERCUT**
209A	WOMEN'S TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	45	1	HM	1	--	73	PROVIDE 1" DOOR UNDERCUT, DOOR IS ADA DOOR OPERATED
SF209	WOMEN'S TOILET	VIF	VIF	SINGLE	FL	WD	2	--	45	ETR	ETR	1	---	57	
210A	SPEC. ED (12:1:1)/ TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	31	PROVIDE 1" DOOR UNDERCUT
211.1	OT/PT	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	34	
211.2	OT/PT/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	HM	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
211.3	OT/PT/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	HM	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
211.4	OT/PT/ CL	5' - 0"	6' - 0"	PAIR	CL	WD	2	--	--	7	HM	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
212	4-6 GRADE CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	1	W16 TRANSOM
213	4-6 GRADE CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	1	W16 TRANSOM
214	JC	2' - 6"	7' - 0"	SINGLE	FL	WD	2	--	45	2	HM	1	--	37	
215	SPEECH	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	45	2	HM	1	--	25	PROVIDE ACOUSTIC SOUND SEAL(S)
216	4-6 GRADE CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	3	HM	1	B	1	W16 TRANSOM
217	4-6 GRADE FLEX/MAKER CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	3	HM	1	B	1	W16 TRANSOM
218	SPEECH	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	45	2	HM	1	--	45	PROVIDE ACOUSTIC SOUND SEAL(S)
219	ESOL OFFICE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	25	
220	ESOL OFFICE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	90	2	HM	1	--	25	
221	4-6 GRADE FLEX/MAKER CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	3	HM	1	B	1	W16 TRANSOM
222	4-6 GRADE CLASSROOM	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	3	HM	1	B	1	W16 TRANSOM
223	SOCIAL WORKER OFFICE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	2	HM	1	--	25	
224.1	SPEC. ED (8:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
224.2	SPEC. ED (8:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	---	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS

DOOR SCHEDULE

		DOOR								FRAME					
DOOR NO.	ROOM	WIDTH	HEIGHT	SINGLE/PAIR	TYPE	MAT.	FINISH	GLASS	FIRE RATING	TYPE	MAT.	FINISH	GLASS	HARDWARE SET	COMMENTS
224.3	SPEC. ED (8:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
225	PSYCH. OFFICE	3' - 0"	7' - 0"	SINGLE	V	WD	2	C	20	2	HM	1	--	45	
226.1	SPEC. ED (8:1:1)/ CL	2' - 0"	6' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	23	
226A	SPEC. ED (8:1:1) TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	--	2	HM	1	--	31	PROVIDE 1" DOOR UNDERCUT
227A	TEACHER CONFERENCE ROOM/ TOILET	2' - 8"	7' - 0"	SINGLE	FL	WD	2	--	--	1	HM	1	--	43	PROVIDE 1" DOOR UNDERCUT
228	BOYS TOILET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	45	2	HM	1	--	27	PROVIDE 1" DOOR UNDERCUT
228A	JAN CL	2' - 6"	6' - 8"	SINGLE	FL	WD	2	--	45	2	HM	1	--	5	
230	DATA CLOSET	3' - 0"	7' - 0"	SINGLE	FL	WD	2	--	90	1	HM	1	--	46	CARD READER ACCESS, REFER TO ELECTRICAL DRAWINGS
231.1	SPEC. ED (8:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
231.2	SPEC. ED (8:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
231.3	SPEC. ED (8:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
231.4	SPEC. ED (8:1:1)	2' - 0"	6' - 0"	SINGLE	FL	WD	2	--	--	7	WD	1	--	23	CLOSET
232.1	SPEC. ED (12:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
232.2	SPEC. ED (12:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
232.3	SPEC. ED (12:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
232.4	SPEC. ED (12:1:1)	2' - 0"	6' - 0"	SINGLE	FL	WD	2	--	--	7	WD	1	--	23	CLOSET
233.1	SPEC. ED (12:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
233.2	SPEC. ED (12:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
233.3	SPEC. ED (12:1:1)	5' - 0"	6' - 0"	PAIR	DF	WD	2	--	--	7	WD	1	--	22	(2) 2'-6" PIVOT DOOR PANELS
233.4	SPEC. ED (12:1:1)	2' - 0"	6' - 0"	SINGLE	FL	WD	2	--	--	7	WD	1	--	23	CLOSET
COR-H.1	CORRIDOR H	6' - 0"	7' - 0"	PAIR	DV	HM	1	C	90	1	HM	1	--	51	
COR-K.1	CORRIDOR J	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	S	3	HM	1	C	75	
COR-K.2	CORRIDOR G	6' - 0"	7' - 0"	PAIR	DV	HM	1	C	90	1	HM	1	--	51	
SF8C.1	STAIR 8	VIF	VIF	SINGLE	FL	WD	2	--	45	ETR	ETR	1	--	37	
SF8C.2	STAIR 8	VIF	VIF	SINGLE	FL	WD	2	--	45	ETR	ETR	1	--	37	
SF9C.2	STAIR 9	VIF	VIF	SINGLE	FL	WD	2	--	45	ETR	ETR	1	--	74	
SF200	CSE OFFICE /CONFERENCE ROOM	VIF	VIF	SINGLE	V	WD	2	C	45	ETR	ETR	1	ETR	25	
SF201	1-3 GRADE CLASSROOM	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	
SF202	1-3 GRADE CLASSROOM	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF203	1-3 GRADE CLASSROOM	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF205	COPIER ROOM	VIF	VIF	SINGLE	FL	WD	2	--	45	ETR	ETR	1	--	60	
SF206	RESOURCE ROOM	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF208	MEN'S TOILET	VIF	VIF	SINGLE	FL	WD	2	--	45	ETR	ETR	1	--	5	PROVIDE 1" DOOR UNDERCUT
SF210	SPEC. ED (12:1:1)	VIF	VIF	SINGLE	V	WD	2	C	90	ETR	ETR	1	FILL	34	W16 TRANSOM
SF211	OT/PT	VIF	VIF	SINGLE	V	WD	2	C	45	ETR	ETR	1	C	34	
SF211A	OT/PT	VIF	VIF	SINGLE	V	WD	2	--	--	ETR	ETR	1	--	15	
SF233	SPEC. ED (12:1:1)	VIF	VIF	SINGLE	V	WD	2	--	45	ETR	ETR	1	--	34	
SF224	SPEC. ED (8:1:1)	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF226	SPEC. ED (8:1:1)	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF227	TEACHER'S CONFRENCE RM.	VIF	VIF	SINGLE	V	WD	2	C	45	ETR	ETR	1	C	35	
SF229	ESOL OFFICE	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	45	

DOOR SCHEDULE

		DOOR								FRAME					
DOOR NO.	ROOM	WIDTH	HEIGHT	SINGLE/PAIR	TYPE	MAT.	FINISH	GLASS	FIRE RATING	TYPE	MAT.	FINISH	GLASS	HARDWARE SET	COMMENTS
SF231	SPEC. ED (8:1:1)	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	1	W16 TRANSOM
SF232	SPEC. ED (12:1:1)	VIF	VIF	SINGLE	V	WD	2	C	20	ETR	ETR	1	B	34	W16 TRANSOM
SF235	TOILET	VIF	VIF	SINGLE	FL	WD	2	--	45	ETR	ETR	1	--	9	PROVIDE 1" DOOR UNDERCUT
ST-1C	STAIR 1	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	4	HM	1	C	65	
ST-2C	STAIR 2	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	4	HM	1	C	65	
ST-3C	STAIR 3	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	4	HM	1	C	65	
ST-4C	STAIR 4	6' - 0"	7' - 0"	PAIR	DG	HM	1	C	60	5	HM	1	C	65	
PENTHOUSE FLOOR															
EX300.1	**MECHANICAL PENTHOUSE**	**6' - 0"**	**PAIR**	**7' - 0"**	**DF**	**HM**	**1**	**--**	**2**	**13**	**HM2**	**15**	**--6**	**48**	**EXTERIOR DOOR**
EX300.2	MECHANICAL PENTHOUSE	6' - 0"	PAIR	7' - 0"	DF	HM	1	--	--	1	HM	1	--	48	EXTERIOR DOOR
EX301	ELECTRICAL LIFE SAFETY ROOM	6' - 0"	PAIR	7' - 0"	DF	HM	1	--	--	1	HM	1	--	48	EXTERIOR DOOR
EX-4D	STAIR 4	3' - 0"	SINGLE	7' - 0"	FL	HM	1	--	--	1	HM	1	--	55	EXTERIOR DOOR

DOOR SCHEDULE LEGEND:

DOOR MATERIAL TYPES:

WD	WOOD
HM	HOLLOW METAL
FRP/ALUM	FRP/ ALUM HYBRID

DOOR FIRE RATINGS:

20	20 MINUTE RATED ASSEMBLY
45	¾ HR RATED ASSEMBLY
60	1 HR RATED ASSEMBLY
90	1 ½ RATED HR ASSEMBLY
S	SMOKE RATED ASSEMBLY

DOOR/ FRAME FINISH:

1	PRIMED AND PAINTED- COLOR BY ARCHITECT
2	STAIN AND CLEAR COAT- FINISH BY ARCHITECT
MAN.	FACTORY PRIMED AND FINISH COTE SELECTED BY ARCHITECT

MISC. ABBREVIATIONS FOR DOORS/ FRAMES/ GLAZING:

SF	SALVAGE FRAME
ETR	EXISTING TO REMAIN
VIF	VERIFY OPENING/ FRAME IN FIELD
OH	OVER HEAD DOOR UNIT
UNPAIR	UNEVEN PAIRED DOOR LEAFS
PAIR	TWO DOOR LEAFS- ONE UNIT
SINGLE	ONE DOOR LEAF- ONE UNIT

REFER TO A803 FOR:
GLAZING TYPES/ SCHEDULE
FRAME TYPES
DOOR TYPES

GENERAL DOOR/ FRAME/ HARDWARE NOTES:

1. HARDWARE MFR AND PRODUCTS T.B.D. - REFER TO HARDWARE TYPE AND CORRESPONDING HEADING IN SPEC. SECTION 087100 - 'DOOR HARDWARE' FOR GENERAL DESCRIPTION OF HARDWARE FUNCTION AND COMPONENTS. SUCCESSFUL BIDDER ON DOOR HARDWARE SCOPE OF WORK TO SUBMIT HARDWARE SETS AND PRODUCT DATA FOR REVIEW AND APPROVAL BY ARCHITECT, OWNER AND CONSTRUCTION MANAGER.
2. ALL HARDWARE TO BE ADA & IBC 2015 ACCESSIBILITY COMPLIANT.

3. UNIT ENTRY DOORS TO RECEIVE HARDWARE WITH A DEADBOLT INTERCONNECTED WITH THE DOOR LEVER TO ALLOW FOR EGRESS.
4. ALL FIRE RATED DOORS TO BE ADEQUATELY SMOKE SEALED PER BCNYS REQUIREMENTS.
5. ALL FIRE RATED DOORS TO BE SELF CLOSING/LATCHING.
6. ALL DOORS INDICATED TO RECEIVE CARD READERS ARE TO BE TIED INTO THE FIRE ALARM SYSTEM & TO BE UNLOCKED UPON A FIRE ALARM SCENARIO.
7. PROVIDE MAGNETIC HOLD OPENS TIED INTO FIRE ALARM, DOOR TO CLOSE UPON ACTIVATION OF ALARM.
8. DOORS SERVING EGRESS FROM ANY SPACE SHALL NOT LOCK OR PREVENT EXITING FROM THE BUILDING.
9. ALL GLAZING WITHIN 'HAZARDOUS LOCATIONS' REQUIRE SAFETY GLAZING.
10. ALL STUDENT ROOM DOORS SHALL HAVE EVACUATION MAP NON INVASIVELY ADHERED TO THE ROOM SIDE OF DOOR LEAF, REFER TO A600 FOR DETAILS.

SECTION 09 51 13 - ACOUSTICAL PANEL CEILINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes acoustical panels and exposed suspension systems for interior ceilings.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples for Verification: For each component indicated and for each exposed finish required, prepared on Samples of sizes indicated below:
   1. Acoustical Panels: Set of 6-inch-square Samples of each type, color, pattern, and texture.
   2. Exposed Suspension-System Members, Moldings, and Trim: Set of 6-inch-long Samples of each type, finish, and color.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For finishes to include in maintenance manuals.

1.5 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
   1. Acoustical Ceiling Units: Full-size panels equal to 2 percent of quantity installed.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver acoustical panels, suspension-system components, and accessories to Project site and store them in a fully enclosed, conditioned space where they will be protected against damage from moisture, humidity, temperature extremes, direct sunlight, surface contamination, and other causes.

B. Before installing acoustical panels, permit them to reach room temperature and a stabilized moisture content.

1.7 FIELD CONDITIONS

A. Environmental Limitations: Do not install acoustical panel ceilings until spaces are enclosed and weathertight, wet-work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Source Limitations: Obtain each type of acoustical ceiling panel and its supporting suspension system from single source from single manufacturer.

2.2 PERFORMANCE REQUIREMENTS

A. Seismic Performance: Suspended ceilings shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.

B. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
1. Flame-Spread Index: Class A according to ASTM E 1264.
2. Smoke-Developed Index: 50 or less.

C. Acoustical Panel Standard: Provide manufacturer's standard panels according to ASTM E 1264 and designated by type, form, pattern, acoustical rating, and light reflectance unless otherwise indicated.

2.3 ACT-2 ACOUSTICAL PANELS

A. Product/Manufacturer:
1. METALWORKS open cell, 3” 6188; Armstrong Ceiling.
2. Or approved equal

B. Material: Provide panels as follows:
1. Aluminum, 0.016” thick.

C. Color: White, powder coated.

D. Thickness: 3/4 inch.

E. Modular Size: 24 by 24 inches.

2.4 ACT-1 ACOUSTICAL PANELS

A. Product/Manufacturer:
1. Mars Acoustic Panels ClimaPlus, Item No. 86785; USG Interiors.

B. Classification: Provide panels as follows:

1. Type and Form: Type IV, mineral base with membrane-faced overlay; Form 1 and 2, nodular; with washable vinyl-film overlay.
2. Pattern: E (lightly textured) and G (smooth).

C. Color: White.

D. Light Reflectance (LR): Not less than 0.90.

E. Ceiling Attenuation Class (CAC): Not less than 35.

F. Noise Reduction Coefficient (NRC): Not less than 0.75.

G. Edge/Joint Detail: Reveal sized to fit flange of exposed suspension-system members.

H. Thickness: 3/4 inch.

I. Modular Size: 24 by 24 inches.

2.5 ACCENT PANELS

A. Product/Manufacturer:
1. Soundscapes Basics square, Item No. 66331WH; Armstrong Ceiling.

B. Color: As selected from manufacturer's full range.

C. Thickness: 1.57 inch.

D. Modular Size: 48 by 48 inches.

2.6 ACT-3 ACOUSTICAL PANELS

A. Product/Manufacturer:
1. KITCHEN ZONE, Item No. 673; Armstrong Interiors.

B. Color: White.

C. Light Reflectance (LR): Not less than 0.89.

D. Ceiling Attenuation Class (CAC): Not less than 33.

E. Noise Reduction Coefficient (NRC): Not less than 0.90.

F. Edge/Joint Detail: Reveal sized to fit flange of exposed suspension-system members.

G. Thickness: 1 inch.

H. Modular Size: 24 by 24 inches.

2.7 ACCESSORIES

A. Attachment Devices: Size for five times the design load indicated in ASTM C 635/C 635M, Table 1, "Direct Hung," unless otherwise indicated. Comply with seismic design requirements.
   1. Power-Actuated Fasteners in Concrete: Fastener system of type suitable for application indicated, fabricated from corrosion-resistant materials, with clips or other accessory devices for attaching hangers of type indicated and with capability to sustain, without failure, a load equal to 10 times that imposed by ceiling construction, as determined by testing according to ASTM E 1190, conducted by a qualified testing and inspecting agency.

B. Wire Hangers, Braces, and Ties: Provide wires as follows:
   1. Stainless-Steel Wire: ASTM A 580/A 580M, Type 304, nonmagnetic.
   2. Size: Wire diameter sufficient for its stress at three times hanger design load (ASTM C 635/C 635M, Table 1, "Direct Hung") will be less than yield stress of wire, but not less than 0.106-inch-diameter wire.

C. Hold-Down Clips: Manufacturer's standard hold-down.

2.8 METAL EDGE MOLDINGS AND TRIM

A. Roll-Formed, Sheet-Metal Edge Moldings and Trim: Type and profile indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations that comply with seismic design requirements; formed from sheet metal of same material, finish, and color as that used for exposed flanges of suspension-system runners.
   1. Edge moldings shall fit acoustical panel edge details and suspension systems indicated and match width and configuration of exposed runners unless otherwise indicated.

B. Extruded-Aluminum Edge Moldings and Trim: Where indicated, provide manufacturer's extruded-aluminum edge moldings and trim of profile indicated or referenced by manufacturer's designations, including splice plates, corner pieces, and attachment and other clips, complying with seismic design requirements.
   1. Product/Manufacturer:
      a. Axiom Classic Trim; Armstrong World Industries, Inc.
      b. Axiom Knife edge; trim straight; Armstrong Ceiling
   2. Baked-Enamel or Powder-Coat Finish: Minimum dry film thickness of 1.5 mils. Comply with ASTM C 635/C 635M and coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.

2.9 ACOUSTICAL SEALANT

A. Acoustical Sealant: As specified in Section 07 92 19 "Acoustical Joint Sealants."

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, including structural framing to which acoustical panel ceilings attach or abut, with Installer present, for compliance with requirements specified in this and other Sections that affect ceiling installation and anchorage and with requirements for installation tolerances and other conditions affecting performance of acoustical panel ceilings.

B. Examine acoustical panels before installation. Reject acoustical panels that are wet, moisture damaged, or mold damaged.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Measure each ceiling area and establish layout of acoustical panels to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width panels at borders unless otherwise indicated, and comply with layout shown on reflected ceiling plans.

B. Layout openings for penetrations centered on the penetrating items.

3.3 INSTALLATION

A. Install acoustical panel ceilings according to ASTM C 636/C 636M and manufacturer's written instructions.

B. Suspend ceiling hangers from building's structural members and as follows:
   1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure or of ceiling suspension system.
   2. Splay hangers only where required to miss obstructions; offset resulting horizontal forces by bracing, countersplaying, or other equally effective means.
   3. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with location of hangers at spacings required to support standard suspension-system members, install supplemental suspension members and hangers in form of trapezes or equivalent devices.
   4. Secure wire hangers to ceiling-suspension members and to supports above with a minimum of three tight turns. Connect hangers directly to structure or to inserts, eye screws, or other devices that are secure and appropriate for substrate and that will not deteriorate or otherwise fail due to age, corrosion, or elevated temperatures.
   5. Do not support ceilings directly from permanent metal forms or floor deck. Fasten hangers to cast-in-place hanger inserts, postinstalled mechanical or adhesive anchors, or power-actuated fasteners that extend through forms into concrete.
   6. When steel framing does not permit installation of hanger wires at spacing required, install carrying channels or other supplemental support for attachment of hanger wires.

7. Do not attach hangers to steel deck tabs.
8. Do not attach hangers to steel roof deck. Attach hangers to structural members.
9. Space hangers not more than 48 inches o.c. along each member supported directly from hangers unless otherwise indicated; provide hangers not more than 8 inches from ends of each member.
10. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards.

C. Secure bracing wires to ceiling suspension members and to supports with a minimum of four tight turns. Suspend bracing from building's structural members as required for hangers, without attaching to permanent metal forms, steel deck, or steel deck tabs. Fasten bracing wires into concrete with cast-in-place or postinstalled anchors.

D. Install edge moldings and trim of type indicated at perimeter of acoustical ceiling area and where necessary to conceal edges of acoustical panels.
1. Apply acoustical sealant in a continuous ribbon concealed on back of vertical legs of moldings before they are installed.
2. Screw attach moldings to substrate at intervals not more than 16 inches o.c. and not more than 3 inches from ends. Miter corners accurately and connect securely.
3. Do not use exposed fasteners, including pop rivets, on moldings and trim.

E. Install suspension-system runners so they are square and securely interlocked with one another. Remove and replace dented, bent, or kinked members.

F. Install acoustical panels with undamaged edges and fit accurately into suspension-system runners and edge moldings. Scribe and cut panels at borders and penetrations to provide precise fit.
1. Arrange directionally patterned acoustical panels as follows:
a. As indicated on reflected ceiling plans.
2. For square-edged panels, install panels with edges fully hidden from view by flanges of suspension-system runners and moldings.
3. For reveal-edged panels on suspension-system runners, install panels with bottom of reveal in firm contact with top surface of runner flanges.
4. Paint cut edges of panel remaining exposed after installation; match color of exposed panel surfaces using coating recommended in writing for this purpose by acoustical panel manufacturer.
5. Install hold-down clips in areas indicated; space according to panel manufacturer's written instructions unless otherwise indicated.
a. Install hold-down clips in vestibules and other areas indicated on Drawings.
b. Hold-Down Clips: Space 24 inches o.c. on all cross runners.

3.4 ERECTION TOLERANCES

A. Suspended Ceilings: Install main and cross runners level to a tolerance of 1/8 inch in 12 feet, non-cumulative.

B. Moldings and Trim: Install moldings and trim to substrate and level with ceiling suspension system to a tolerance of 1/8 inch in 12 feet, non-cumulative.

3.5 CLEANING

A. Clean exposed surfaces of acoustical panel ceilings, including trim, edge moldings, and suspension-system members. Comply with manufacturer's written instructions for cleaning and touchup of minor finish damage.

B. Remove and replace ceiling components that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

END OF SECTION 09 51 13

SECTION 09 6800

CARPETING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Carpet, direct-glued and woven broadloom.

B. Entry mats.

C. Removal of existing carpet.

D. Accessories.

1.02 RELATED REQUIREMENTS

A. Section 01 7419 - Construction Waste Management and Disposal: Reclamation/Recycling of new carpet scrap and removed carpet.

B. Section 03 3000 - Cast-in-Place Concrete: Restrictions on curing compounds for concrete slabs and floors to receive adhesive-applied carpet.

C. Section 09 6100 - Water Vapor Reduction System: Independent agency testing of concrete slabs, and preparation of slab for carpet installation.

1.03 REFERENCE STANDARDS

A. ASTM D2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials; 2006 (Reapproved 2011).

B. ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source; 2014c.

C. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source; National Fire Protection Association; 2015.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

B. Shop Drawings: Indicate seaming plan, method of joining seams, direction of carpet pile and pattern, location of edge moldings and edge bindings.

C. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns, colors available, and method of installation.

D. Samples: Submit two samples 36 inch by 36 inch in size illustrating color and pattern for each carpet and cushion material specified.
   1. When no color and or pattern is specified, submit samples of full color and pattern range for architect selection

E. Submit two, 6 inch long samples of each accessory for each color specified.

F. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

G. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.

H. Maintenance Materials: Furnish the following for Rochester City School District's use in maintenance of project.
   1. See Section 01 6000 - Product Requirements, for additional requirements.
   2. Extra BroadloomCarpet: 144 sq ft of each type, color, and pattern installed.
   3. Extra Walk-off Matt: Amount equal to a duplicate replacement of installed area.

1.05 QUALITY ASSURANCE

A. Installer Qualifications: Company specializing in installing carpet with minimum three years documented experience in work of this section.

1.06 WARRANTY

A. Product and workmanship and labor warranty: 2-years.

B. Provide special prject warranty, signed by contractor, installer, and manufacturer (carpet mill) agreeing to repair or replace defective materials and workmanship of carpeting work during the 2-year warranty period following Date of Substantial Completion. Attached signed copies of product warranties.

1.07 FIELD CONDITIONS

A. Store materials in area of installation for minimum period of 24 hours prior to installation.

B. Maintain minimum 70 degrees F ambient temperature 24 hours prior to, during and 24 hours after installation.

C. Ventilate installation area during installation and for 72 hours after installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Carpet:
   1. Mannington Commercial; www.mannington.com.
   2. Substitutions: See Section 01 6000 - Product Requirements.

2.02 CARPET

A. Carpet, Type CPT:
   1. Product: Everywear III manufactured by Mannington Commercial.
   2. Roll Width: 12 ft.
   3. Color: As follows.
      a. CPT: 3306 TECHNO.
   5. Critical Radiant Flux: Minimum of 0.22 watts/sq cm, when tested in accordance with ASTM E648 or NFPA 253.
   6. Surface Flammability Ignition: Pass ASTM D2859 (the "pill test").
   7. Substitutions: See Section 01 6000 - Product Requirements.

2.03 ACCESSORIES

A. Sub-Floor Filler: Type recommended by carpet manufacturer.
   1. Cementitious type. No latek type or gypsum based levelinggrouts are permitted.

B. Underlayments: Manufacturer's vinyl underlayment, compatible with flooring product, suitable to achieve smooth, level sustrate.

C. Moldings and Edge Strips: color selected by architect.

D. Adhesives: Manufacturer’s recomendation

E. Seam Adhesive: Recommended by carpet manufacturer.

F. Carpet Adhesive: Recommended by carpet manufacturer; releasable type.

PART 3 EXECUTION

3.01 EXAMINATION

A. Cementitious Sub-floor Surfaces: Verify that substrates are dry enough and ready for flooring installation by testing for moisture and alkalinity (pH).
   1. Test in accordance with Section 09 0561.
   2. Obtain instructions if test results are not within limits recommended by flooring material manufacturer and adhesive materials manufacturer.

3.02 PREPARATION

A. Remove existing carpet and carpet cushion.
   1. Remove all materials that will interfere with the installation of glue down carpet.

B. Prepare floor substrates as recommended by flooring and adhesive manufacturers.

C. Moisture Vapor Transmission Test:

   1. Perform subfloor moisture testing in accordance with ASTM F 2170, “Standard Test Method for Determining Relative Humidity in Concrete Slabs Using *in-situ* Probes” and Bond Tests to determine if surfaces are dry; free of curing and hardening compounds, old adhesive, and other coatings; and ready to receive flooring. Relative humidity shall not exceed that allowed by flooring manufacturer. On installations where both the Percent Relative Humidity and the Moisture Vapor Emission Rate tests are conducted, results for both tests shall comply with the allowable limits listed above. Do not proceed with flooring installation until results of moisture tests are acceptable to the Architect and flooring manufacturer. All test results shall be documented and retained.

   2. Perform pH tests on concrete floors regardless of their age or grade level. Do not proceed with flooring installation until results of pH tests are acceptable to the Architect and flooring manufacturer. All test results shall be documented and retained.

   3. If moisture testing is found to be above the approved limits a water vapor reduction system as specified in Section 09 6100 shall be used to meet required limits.

C. Remove sub-floor ridges and bumps. Fill minor or local low spots, cracks, joints, holes, and other defects with sub-floor filler.

D. Provide underlayment of type recommended by carpet manufacturer to achieve smooth, flat substrate flush with existing subfloor.

E. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Prohibit traffic until filler is cured.

F. Clean substrate.

3.03 INSTALLATION - GENERAL

A. Starting installation constitutes acceptance of sub-floor conditions, indicates compliance with the requirements of this Section, and subfloor is prepared in accordance with carpet manufacturers recommendations.

B. Install carpet and cushion in accordance with manufacturer's instructions.

C. Verify carpet match before cutting to ensure minimal variation between dye lots.

D. Lay out carpet and locate seams in accordance with shop drawings.
   1. Locate seams in area of least traffic, out of areas of pivoting traffic, and parallel to main traffic.
   2. Do not locate seams perpendicular through door openings.
   3. Align run of pile in same direction as anticipated traffic and in same direction on adjacent pieces.
   4. Locate change of color or pattern between rooms under door centerline.
   5. Provide monolithic color, pattern, and texture match within any one area.

E. Install carpet tight and flat on subfloor, well fastened at edges, with a uniform appearance.

3.04 DIRECT-GLUED CARPET

A. Double cut carpet seams, with accurate pattern match. Make cuts straight, true, and unfrayed. Apply seam adhesive to cut edges of woven carpet immediately.

B. Use continuous lengths and a braod widths as possible. No width should be less than one half the roll width whenever practical.

C. Fit secotions of carpet into each space prior to application of adhesive. lay carpet in one direction within a room and within connection rooms Notify Archtiect if manufacturer recommends rotating carpet direction for any reason.

D. Apply contact adhesive to floor uniformly at rate recommended by manufacturer. After sufficient open time, press carpet into adhesive.

E. Apply seam adhesive to the base of the edge glued down. Lay adjoining piece with seam straight, not overlapped or peaked, and free of gaps.

F. Roll with appropriate roller for complete contact of adhesive to carpet backing.

G. Trim carpet neatly at walls and around interruptions.

3.05 WALK-OFF MAT INSTALLATION AT STAIR LANDING RECESSES

A. Follow manufacturer's installation instructions for the project application.

B. Use minimum number of tiles to infill walk-off mat recesses.

C. Smallest dimension of any tile shall not be less than 12 inches.

D. Set all tiles with pattern perpendicular to flow of entry/exit travel. Quarter trun installation method is not acceptable.

E. Scribe tiles to edges of recesses maintaining pattern true and square to leading recess edge.

3.06 CLEANING

A. Remove excess adhesive from floor and wall surfaces without damage.

B. Carpet shall be free of spots, air pockets, dirt or soil, and shall be without tears, frays, or pulls. Replace sections that indicate either damage or improper installation.

C. Remove debris and unused materials from site. Contractor shall maintian conditions in a manner sutiable to the installer, which ensures caarpet work being without damage on Date of Substatial Completion.

D. Clean and vacuum carpet surfaces.

END OF SECTION

SECTION 10 28 14 - HAND DRYERS

PART 1 - GENERAL

1.1 WORK OF THIS SECTION INCLUDES:

1. Provide toilet room hand dryers where indicated on the drawings.

1.2 SUBMITTALS:

1. Submit manufacturer's technical data and installation instructions.

2. Provide setting drawings, templates, instructions and directions for installation of anchorage devices and cut-out requirements of other work.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS:

1. All items shall be manufactured by World Dryer Company, Bobrick Washroom Equipment Inc., or approved equivalent.

2.2 PRODUCTS:

1. Surface-Mounted ADA compliant Automatic Hand Dryer; World Dryer, 'SlimDri' Model #L-974, or approved equivalent.
   a. Cover; Vandal resistant die-cast aluminum with epoxy paint, paint to be antimicrobial. Secured to wall-mounting plate with tamper-resistant screws.
   b. Intake; Dryer shall have an ingress protection rating of IP23.
   c. Motor; thermally-protected universal brush type motor operating at 13,000 RPM and delivering 70 CFM air flow at a velocity of 140 MPH (12,320 LFM). Dryer shall incorporate universal controls accepting 115 VAC input.
   d. Blower; Dynamically balanced blower wheels for vibration-free running. All internal parts to be plated for corrosion-resistance.
   e. Heating Element; Dryer will incorporate a chrome wire heating element protected by an automatic resetting thermal cutoff. Control board shall contain a heater control switch which can be controlled in either ON or OFF position. Dryer shall provide a 48°F temperature rise and be inaccessible to vandals.
   f. Certification; Unit shall be U.L. listed.
   g. Electronic Sensor; Dryer shall be activated by an automatic infrared sensor with a 3 second run-on time and 60 second vandal shut-off.
   h. Manual; Manufacturer's service and parts manual shall be provided to building owner/manager upon completion of project.

i. Warranty; Unit shall be protected by a limited 10-year warranty on all parts except motor brushes and sensor. Motor brushes and electronic sensors shall be warranted for a period of five years from date of installation.

PART 3 - EXECUTION

3.1 INSTALLATION:

1. Install accessories in accordance with manufacturer's instructions, using fasteners which are appropriate to substrate and recommended by manufacturer of units. Install units plumb and level firmly anchored in locations indicated.

2. Dedicated circuit to be provided by electrical contractor with 15 amp and must be properly grounded with GFI circuit protection.

3. Exposed fasteners shall be chrome plated with tamperproof heads.

4. Install accessories to manufacturer's recommended heights, except as shown otherwise.

5. Adjust toilet accessories for proper operation and verify that mechanisms function properly. Replace damaged or defective items.

6. Clean and polish all exposed surfaces after removing temporary labels and protective coatings.

END OF SECTION

SECTION 11 30 19

STATIONARY LOADING DOCK EQUIPMENT

PART 1 - GENERAL

1.1 SUMMARY

A. Related Documents: Provisions established within General and Supplementary Conditions of the Contract, Division 1 - General Requirements and Drawings are collectively applicable to this Section.

B. Related Sections:
   1. Section 03 3000: Cast in Place Concrete for loading dock recess.
   2. Section 13 1319.23: Scissor Lifts.

1.2 SYSTEM DESCRIPTION

A. Design Requirements: Provide fixed-in-place adjustable loading and unloading platform for difference in height and gap between truck bed and building loading dock.

B. Provide loading dock equipment, which has been manufactured, fabricated, and installed to withstand loads specified and to maintain performance criteria stated by manufacturer without defects or failure.

C. Comply with ANSI MH14.1-1987.

D. General: Submit in accordance with Section 01 3300.

E. Product Data: Submit product data for dock equipment.

F. Shop Drawings: Submit drawings indicating fabrication and erection of dock equipment including plans, elevations and large scale details.
   1. Show anchorage, pit sizes, critical installation clearances, connections, and accessory items.
   2. Provide location template drawings for items supported or anchored to permanent construction.
   3. Provide rough-in drawings for electrical service in advance of concrete work.

G. Informational Submittals: Submit following:
   1. Manufacturer's instructions.

H. Closeout Submittals: Submit following in accordance with Section 01 7800
   1. Maintenance data.
   2. Warranty: Specified warranty.

1.3 QUALITY ASSURANCE

A. Single Source Responsibility: Each component of dock equipment is required to be from same manufacturer.

B. Manufacturer Qualifications: Company specializing in manufacturing Products specified in this Section with minimum ten years documented experience.

C. Regulatory Requirements: In compliance with ANSI MH14.1-1987 and the safety and labeling requirements of ANSI MH30.1-2007.

D. Certifications: Submit manufacturer's certification that products furnished for Project meet or exceed specified requirements.

E. Manufacturer to hold current ISO 9001 certification

1.4 WARRANTY

A. Special Warranty: Prepare and submit in accordance with Section 01 7836.

1. Manufacturer's standard prorated ten-year warranty for structural components upon approval of written application.

2. Manufacturer's limited 5-year parts & labor warranty on lifting system (bag, motor, hoses, gaskets, fittings, & seals). Limited 1-year parts and labor warranty on remaining components.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturers:
   1. 4Front Engineered Solutions – Kelley; Product AFX-S7X6 Air Powered Leveler. (Basis of Design)
   2. Substitutions: See Section 01 6000 – Product Requirements.

2.2 AIR POWERED DOCK LEVELER

A. General:
   1. Capacity: 35,000 (per ANSI MH14.1-1987).
   2. Platform Width: 7 feet.
   3. Platform Length: 6 feet.
   4. Platform Deck Thickness: 1/4 inch high tensile steel safety tread plate with abrasive non-skid finish.
   5. Lip Length: 16 inch extension 5/8 inch high tensile steel safety tread plate with abrasive non-skid finish, Lip Rod 1 inch solid steel.
   6. Vertical Compensation: Floating travel up and down to compensate for loading and unloading of truck.
   7. Service Range: 12 inches above and 12 inches below dock level.
   8. Side to Side Cross-Tilt: 4 inches maximum over width of ramp.
   9. Pit Floor Slope: Minimum 1/2 inch, back to front.
   10. Pit Frame: 3 inch x 3 inch x 1/4 inch steel angle, welded corners and anchors for casting into concrete.
   11. Identification: Attach to dock leveler in conspicuous place stating:
      a. Capacity
      b. Name of Manufacturer.
      c. Model Number.
      d. Serial Number.
   12. Standard Features:
      a. Full operating range toe guard protection.
      b. Dual-Position patented airDefense® Structural Safety Legs.
      c. Integral Maintenance strut.
      d. Open frame design-open front structure to allow easy clean out.
      e. High volume, low pressure air bag lifting mechanism.
      f. Direct connection of fan unit to air bag, no hoses or clamps accepted.
      g. Shimless front and rear frame design.
   13. Options:
      a. Master control panel with combination device controls.
         Master control panel to be 100% UL approved (INCLUDING components).
      b. Safety Barrier Lip.
      c. Automatic Night locks
      d. Star 4 Vehicle Restraint.
      e. Dock Bumpers: Pair of laminated bumpers.

B. Motor Operation:
   1. 10 amp fan with two-stage, single speed, self-cleaning filter, UL-approved motor; powered by 110 volt single-phase electrical power.
   2. Remote Control Station: Constant pressure push button station complying with NEMA 4.
      a. Constant Pressure on Control Button: Raise unit.

2.3 FABRICATION

A. Dock Equipment:
   1. Welded base frame construction.
   2. Unit supplied completely assembled, ready for use

2.4 FINISHES

A. Dock Equipment Finish:
   1. Preparation: Clean surfaces free from slag and splatter, loose mill scale, oil, grease, or rust.
   2. Dock Leveler: Factory apply manufacturer's standard DTM (Direct to Metal) Water based Paint with built in rust inhibitors.
   3. Color: Manufacturer's standard color.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine conditions and proceed with Work in accordance with Section 01 4000.

3.2 PREPARATION

A. Coordinate forming of recess to receive dock leveler.
   1. Pit angle curbing and embeds by others.
   2. Ensure curb angles are square, level and flush with pit surfaces.
   3. Ensure that curb angles are in proper place and pit is of adequate size to receive leveler.
      a. Pit Design:
         1. 20" pit depth.
         2. 20" to 24" sloped pit depth to facilitate easy pit cleanout of debris and water.
   4. Ensure that power accessories have been installed and made ready for installation.

3.3 INSTALLATION

A. Install in flat or sloped prepared pit in accordance with manufacturers installation instructions.

B. Set square and level; anchor securely flush to dock floor; shim where applicable to keep flush; weld back and front of subframe to curb angles.

C. Adjust installed unit for operation as specified by manufacturer.

3.4 ADJUSTING AND CLEANING

A. Adjust installed unit for smooth, safe, efficient and balanced operation.

B. Remove temporary labels and coverings and protection of adjacent work areas.

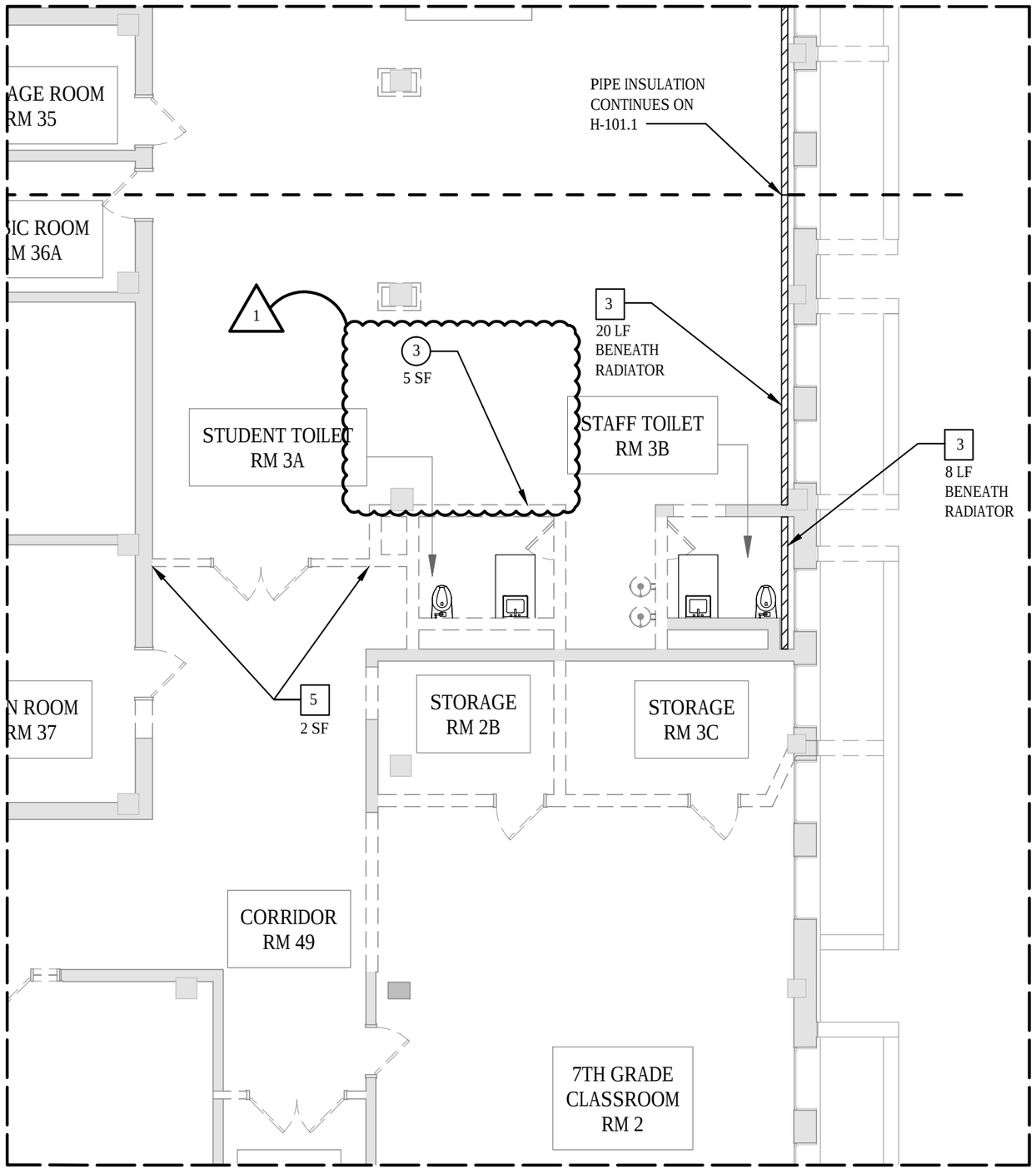
C. Repair or replace damaged products.

D. Remove construction debris from site and dispose.

3.5 INSTRUCTION OF OWNER'S PERSONNEL

A. Instruct Owner's personnel in operation and maintenance of installed units. Provide bound copy of manufacturer's operation and maintenance manual at time of instruction.

END OF SECTION



1 NOTE VERBIAGE UNCHANGED

KEYED MOLD REMOVAL NOTES:

NOTE: NOT ALL REMOVAL NOTES ARE UTILIZED ON EVERY SHEET. REFERENCE SPECIFICATION 02 8500.

3 REMOVE THE MICROBIAL GROWTH LOCATED BEHIND THE VINYL COVE BASE WITHIN A NEGATIVE AIR PRESSURE ENCLOSURE.

1 / SKH-01 PARTIAL BASEMENT ABATEMENT PLAN

1/8" = 1'-0"

CJS ARCHITECTS
BUFFALO | ROCHESTER

SIENNA ENVIRONMENTAL TECHNOLOGIES

Rochester Schools Modernization Program -Phase 2c
George M. Forbes- Renovation, Alterations and Addition

DATE:	04/25/18
REV:	1
SCALE:	1/8 " = 1'
DRN BY:	EJR
JOB NO:	1711
DWG REF:	1
Checker	

PARTIAL BASEMENT ABATEMENT PLAN - ADDENDUM #1

DWG NO:

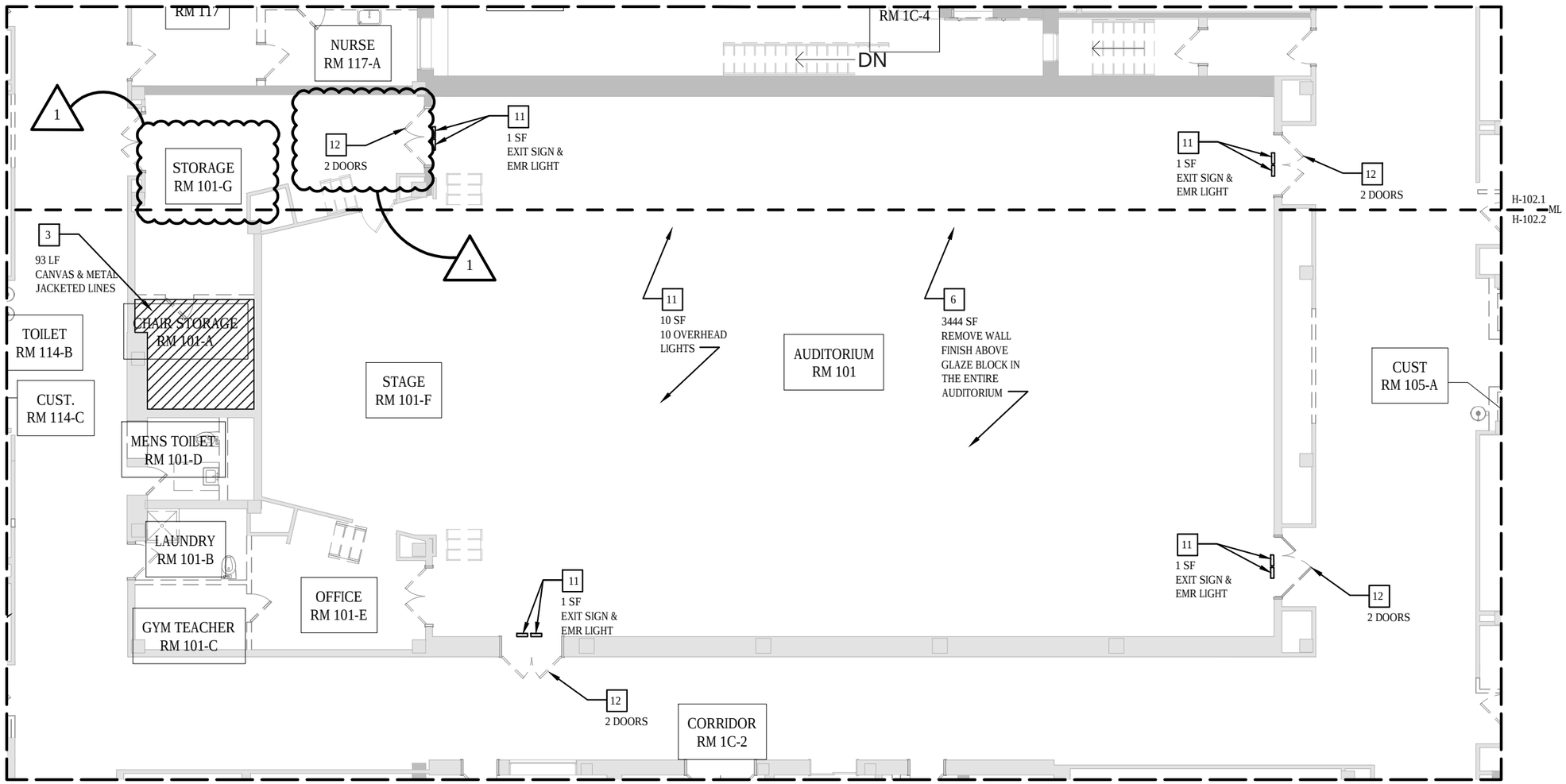
SKH-01

1 NOTE VERBIAGE UNCHANGED

KEYED ASBESTOS REMOVAL NOTES:

NOTE: NOT ALL REMOVAL NOTES ARE UTILIZED ON EVERY SHEET.
ANY ABATEMENT ABOVE CEILINGS OR WITHIN WALLS SHALL REFERENCE ICR56-7.11(F)4 FOR PREPARATION.
REFERENCE SPECIFICATION 02 8213.

12 REMOVE AND PROPERLY DISPOSE OF FIRE DOOR COMPLETELY. THE FIRE DOOR CORE INSULATION IS ASSUMED TO BE ASBESTOS CONTAINING.



1 PARTIAL FIRST FLOOR ABATEMENT PLAN
SKH-02 3/32" = 1'-0"

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PARTIAL FIRST FLOOR ABATEMENT PLAN - ADDENDUM #1

DWG NO:

SKH-02

LAVATORY IN KINDERGARTEN AND PRE-K CLASSROOMS

RM #	NAME
117	KINDERGARTEN
121	KINDERGARTEN
122	PRE-K
124	PRE-K

ROLL UNDER LAVATORY IN ALL OTHER SPACES (DETAIL 4/A710)

RM #	NAME
3	COMPUTER CLASSROOM
4	ART ROOM
102	1-3 GRADE CLASSROOM
103	1-3 GRADE CLASSROOM
104	1-3 GRADE CLASSROOM
107	SPEC. ED
110	SPEC. ED
111	MUSIC CLASSROOM
112	MUSIC CLASSROOM
120	NURSES SUITE
129	LIBRARY
201	1-3 GRADE CLASSROOM
202	1-3 GRADE CLASSROOM
203	1-3 GRAQDE CLASSROOM
206	RESOURCE ROOM
210	SPEC. ED
211	OT/PT
212	4-6 GRADE CLASSROOM
213	4-6 GRADE CLASSROOM
216	4-6 GRADE CLASSROOM
217	4-6 GRADE FLEX/MAKER CLASSROOM
221	4-6 GRADE FLEX/MAKER CLASSROOM
222	4-6 GRADE CLASSROOM
224	SPEC. ED
226	SPEC. ED
231	SPEC. ED
232	SPEC. ED
233	SPEC. ED
227	TEACHER CONFERENCE ROOM

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DRAWING TITLE:

ADA SINKS

DATE: 04/25/18
REV: 1
SCALE:
DRN BY: ETG

JOB NO: 1711
DWG REF: A-710

SKA-01

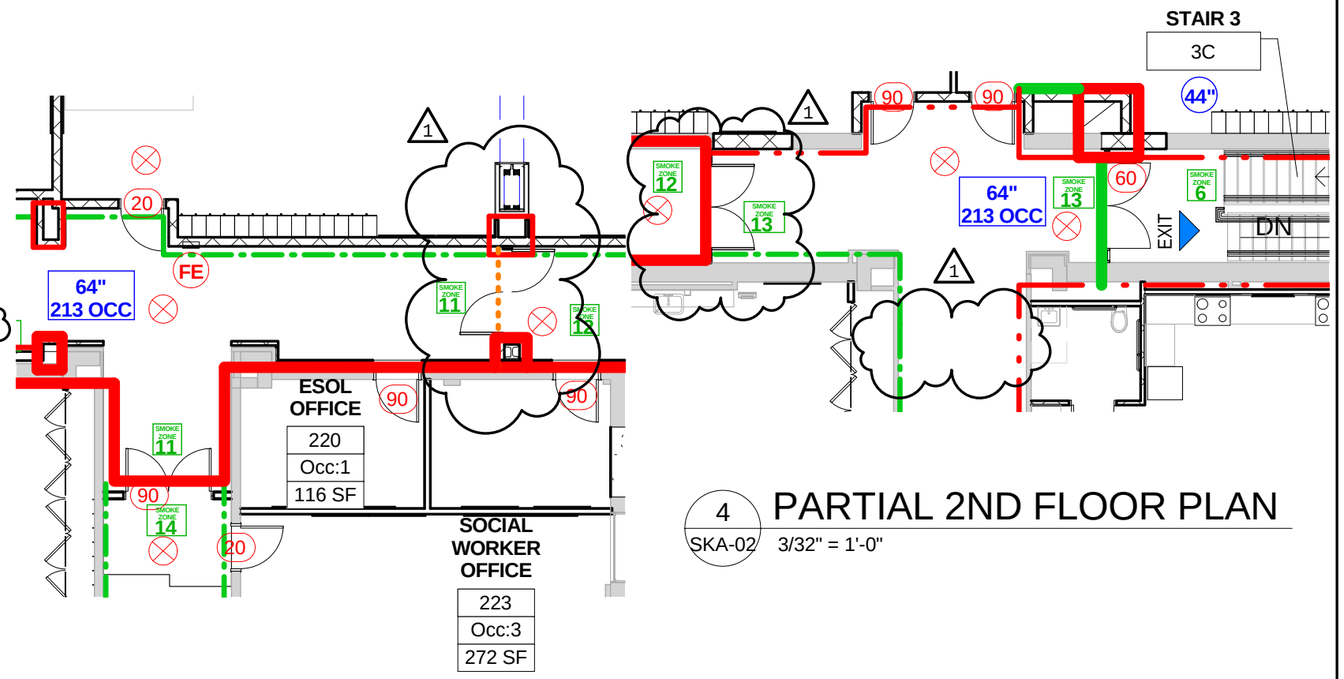
CODE COMPLIANCE LEGEND

LEGEND FOR LS DRAWINGS ONLY

- SMOKE PARTITION
- 1-HR RATED ASSEMBLY
- 2-HR RATED ASSEMBLY
- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE BARRIER
- EXIT — EXIT LOCATION
- EXIT DISCHARGE — EXIT DISCHARGE LOCATION
- SMOKE ZONE # — LIMIT OF SMOKE ZONE (EACH STUDENT RM. IS A SEPARATE SMOKE ZONE)
- EWS — EYE WASH STATION LOCATION
- ACT= X'-X" / REQ= X'-X" — TRAVEL DISTANCE
- EXIT SIGN
- FE — FIRE EXTINGUISHER LOCATION
- # — WIDTH OF EGRESS STAIR (STAIR TREAD)
- # / OCC — PROVIDED EXIT UNIT/ PROVIDED EXIT WIDTH OF EGRESS DOOR (S)(CLEAR WIDTH) OCCUPANCY CAPACITY
- RW — LOCATION EXISTING OF EGRESS WINDOW
- RW / #" — LOCATION OF EGRESS WINDOW AND PROVIDED SILL HEIGHT (PROVIDE LABEL)
- RD — EMERGENCY EGRESS DOOR (PROVIDE LABEL)
- ADA ACCESSIBLE DOOR

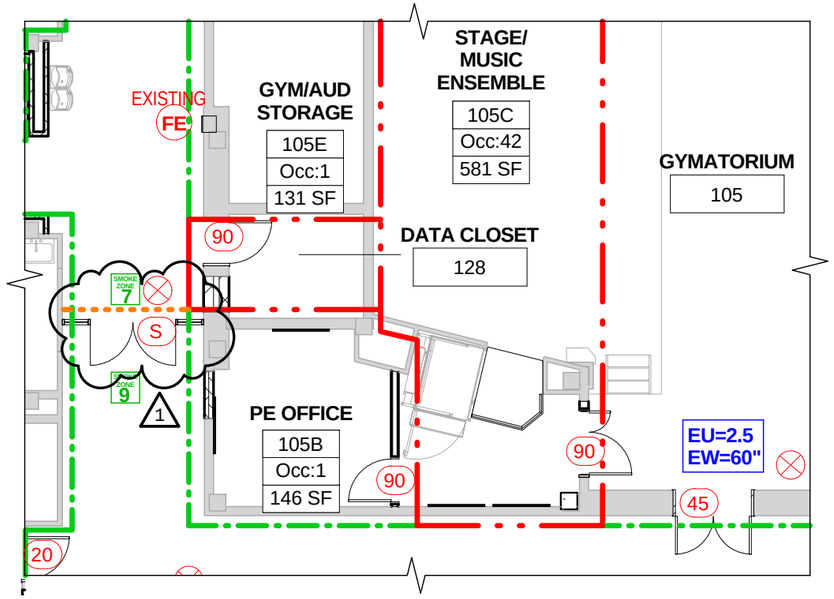
DOOR RATING TAG

- 90 — 1 1/2 HR (90 MIN)
- 60 — 1 HR (60 MIN)
- 45 — 3/4 HR (45 MIN)
- 20 — 1/3 HR (20 MIN)
- S — SMOKE

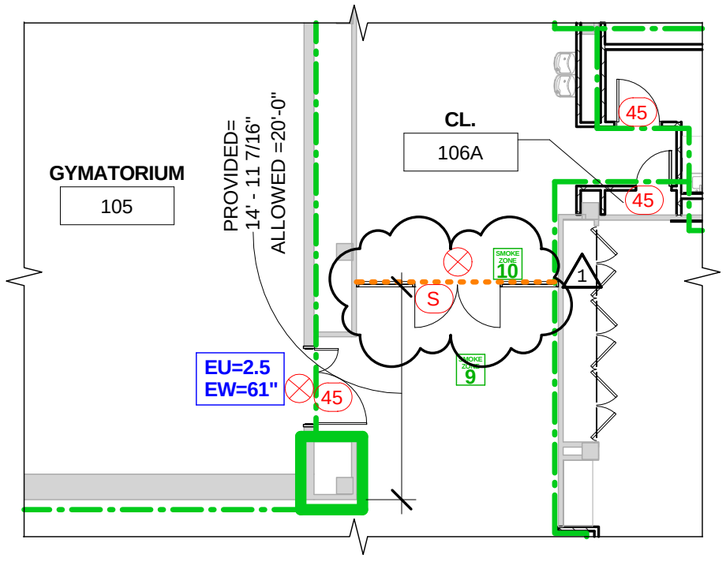


4 SKA-02 — PARTIAL 2ND FLOOR PLAN — 3/32" = 1'-0"

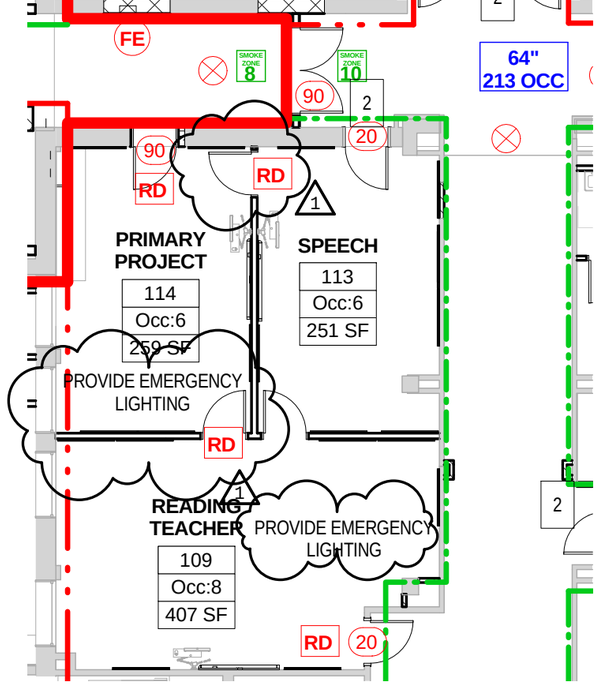
5 SKA-02 — PARTIALSECOND LEVEL LIFE SAFETY PLAN — 3/32" = 1'-0"



1 SKA-02 — PARTIAL 1ST FLOOR PLAN — 3/32" = 1'-0"



2 SKA-02 — PARTIAL 1ST FLOOR PLAN — 3/32" = 1'-0"



3 SKA-02 — PARTIAL 1ST FLOOR PLAN — 3/32" = 1'-0"

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DATE: 04/25/18
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JOB NO: 1711
DWG REF: LS -102 & LS-103
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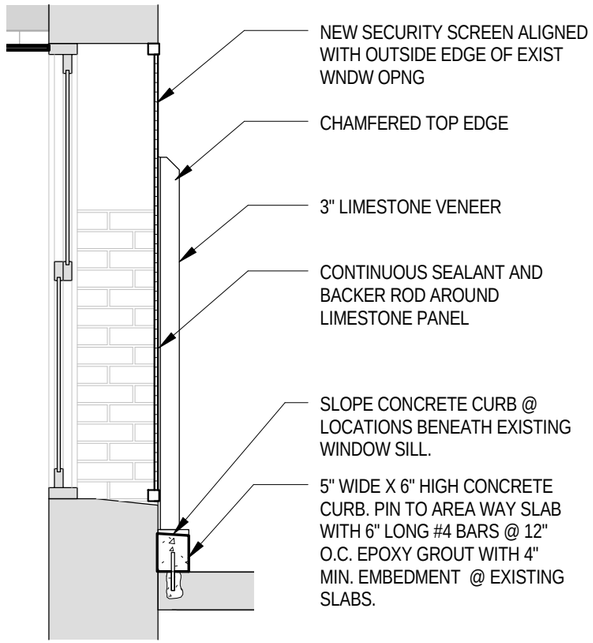
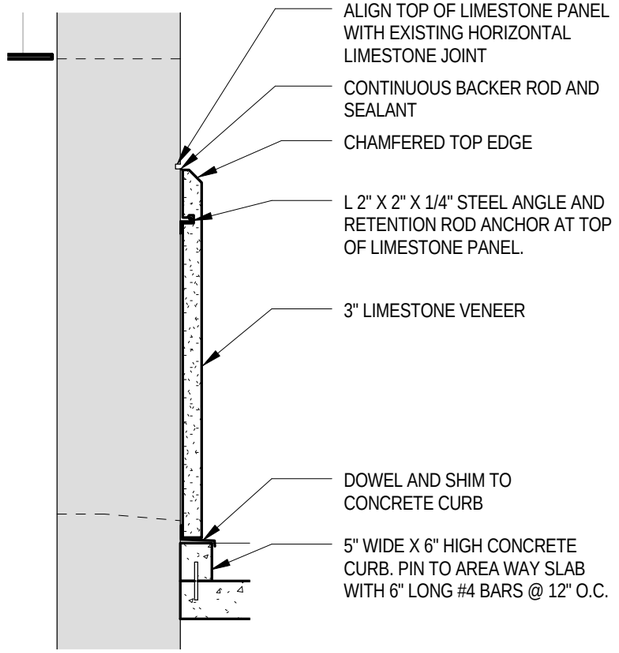
PARTIAL 1ST & 2ND FLOOR LIFE SAFETY PLANS

DWG NO:
SKA-02



3 SKA-03 — DETAIL THRU WINDOW

1/2" = 1'-0"

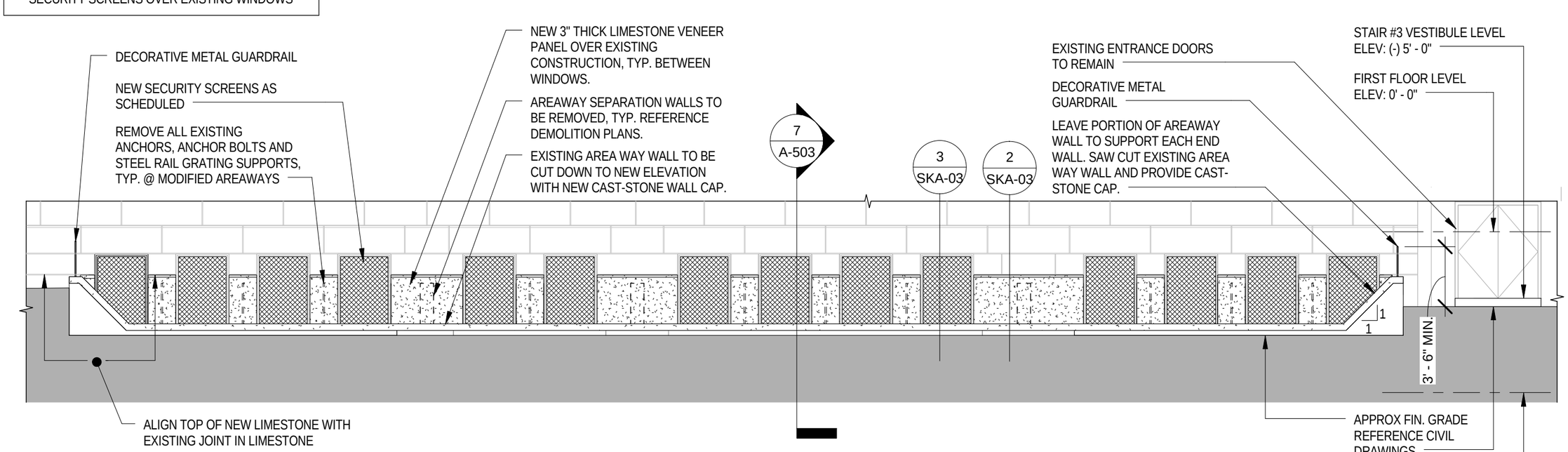


2 SKA-03 — DETAIL BETWEEN WINDOWS

1/2" = 1'-0"

ALTERNATE #3

ALL WORK ASSOCIATED WITH MODIFICATIONS TO EXISTING AREAWAY INCLUDING DEMOLITION OF EXISTING AREA WAY WALLS (DOWN TO ELEVATION INDICATED), CONCRETE TOPPING, CAP STONE, REGRADING, DRAINAGE & NEW FULL HEIGHT SECURITY SCREENS OVER EXISTING WINDOWS



1 SKA-03 — EAST ELEVATION AREAWAYS

1/8" = 1'-0"

CJS ARCHITECTS

BUFFALO | ROCHESTER

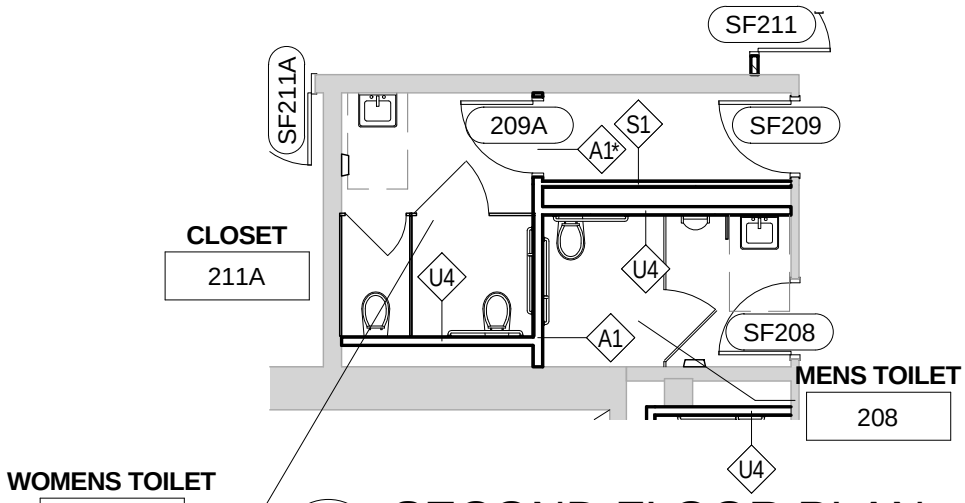
Rochester Schools Modernization Program -Phase 2c
George M. Forbes-Renovation, Alterations and Addition

DATE: 04/19/18
REV:
SCALE: As indicated
DRN BY: ETG
JOB NO: 1711
DWG REF: Checker

AREAWAY ELEVATION AND DETAILS

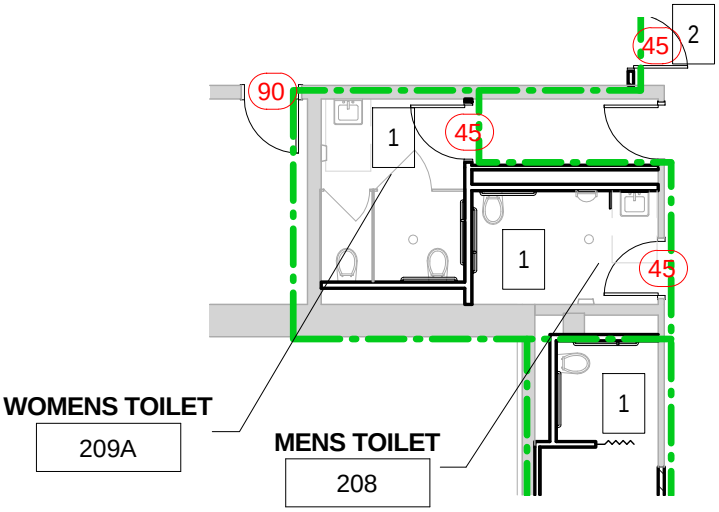
DWG NO:

SKA-03



1 SECOND FLOOR PLAN

SKA-04 1/8" = 1'-0"



2 SECOND LEVEL LIFE SAFETY PLAN.

SKA-04 3/32" = 1'-0"

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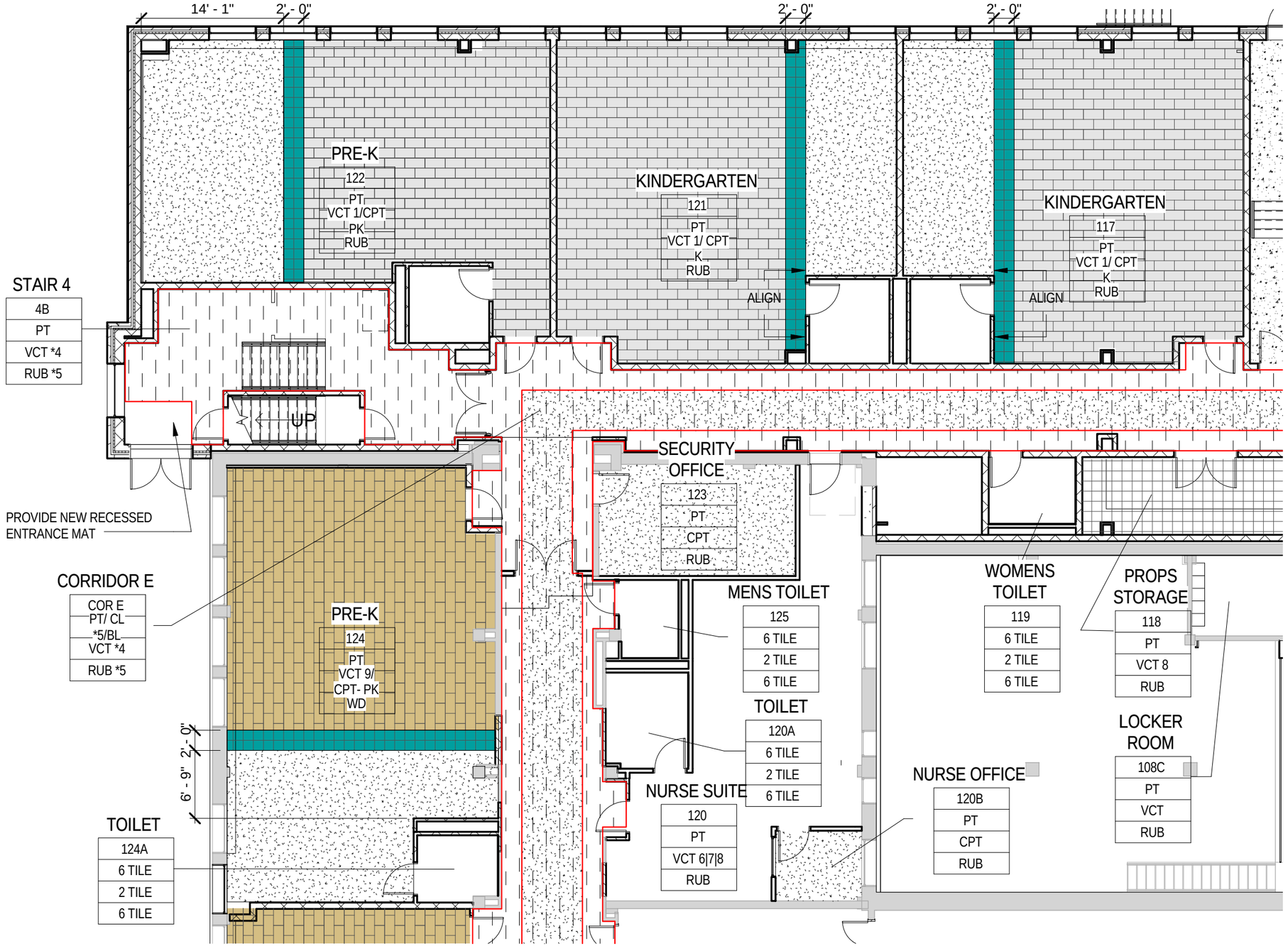
DRAWING TITLE:

2ND FLOOR ROOM 209 WALL RATING CHANGE

DATE: 04/25/18
REV: 1
SCALE: As indicated
DRN BY: Author

JOB NO: 1711
DWG REF: LS-103 & A103.2

SKA-04



1 SKA-05

FIRST FLOOR PLAN

3/32" = 1'-0"

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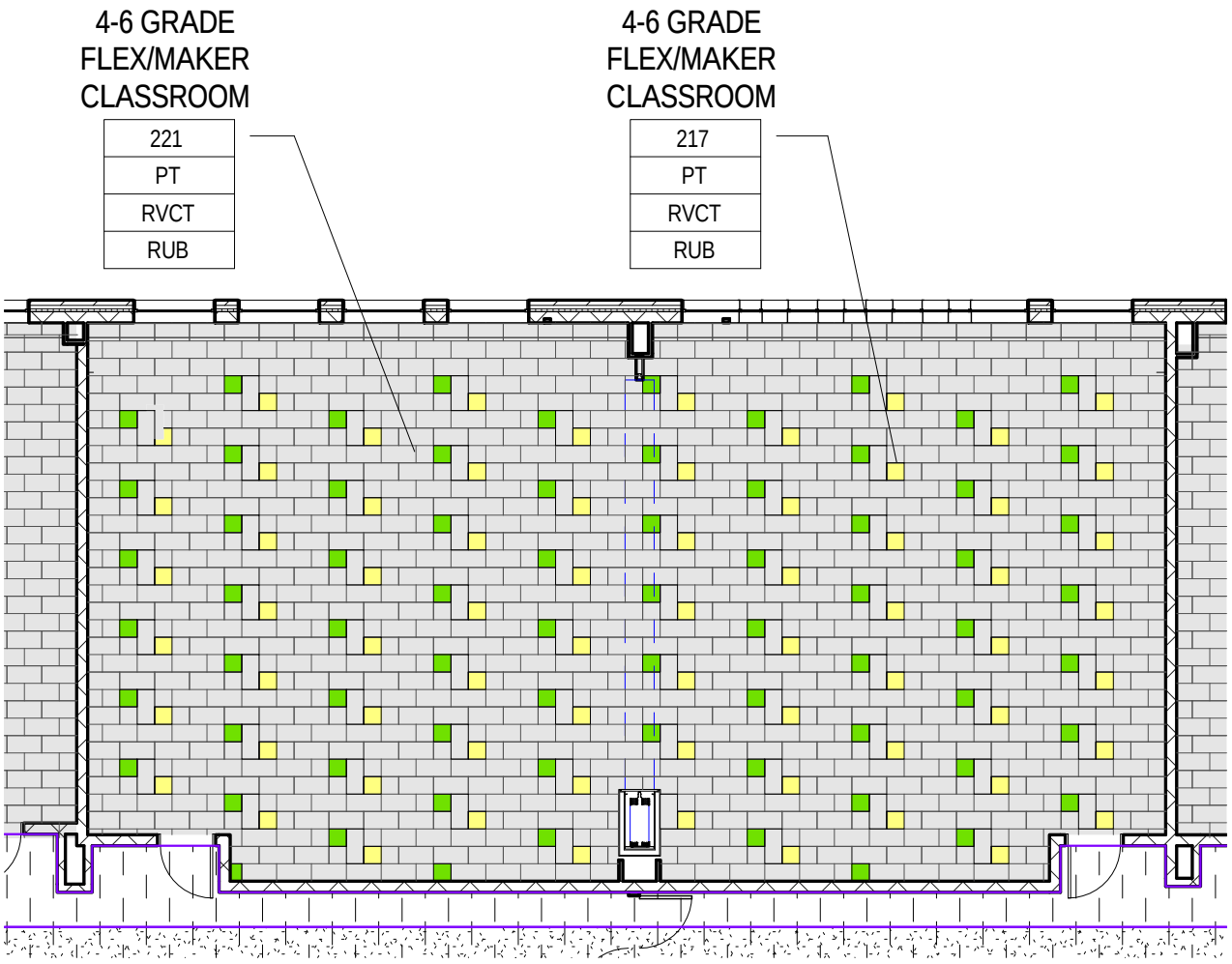
BUFFALO | ROCHESTER

Rochester Schools Modernization Program -Phase 2c
George M. Forbes- Renovation, Alterations and Addition

DATE: 04/25/18
REV:
SCALE 3/32" = 1'-0"
DRN BY: Author
JOB NO: 1711
DWG REF: I-102
Checker

PARTIAL FIRST FLOOR FINISH PLAN

DWG NO:
SKA-05



1
SKA-06

SECOND FLOOR FINISH PLAN

3/32" = 1'-0"

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BUFFALO | ROCHESTER

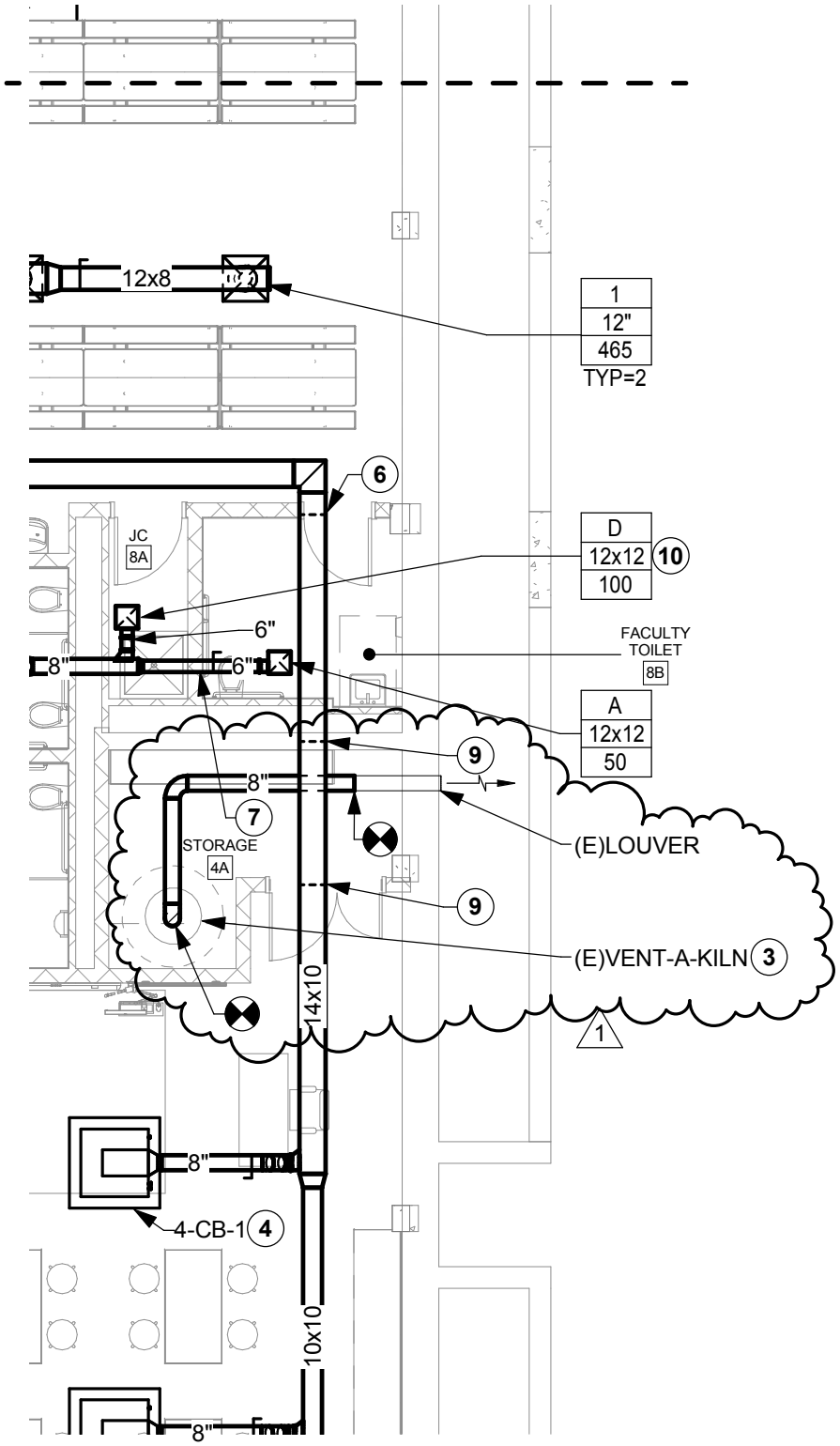
DRAWING TITLE:

PARTIAL SECOND FLOOR FINISH PLAN

DATE: 04/24/18
REV: 1
SCALE: 3/32" = 1'-0"
DRN BY: Author

JOB NO: 1711
DWG REF: I-103

SKA-06



1 PARTIAL BASEMENT PLAN - DUCTWORK

1/8" = 1'-0"

0' 4' 8' 16'

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Mechanical/Electrical Engineering Consultants
Rochester | Buffalo | Syracuse | Schenectady
150 N. CHESTNUT ST. ROCHESTER, NY 14604
(585) 288-5590
www.mwengineering.com

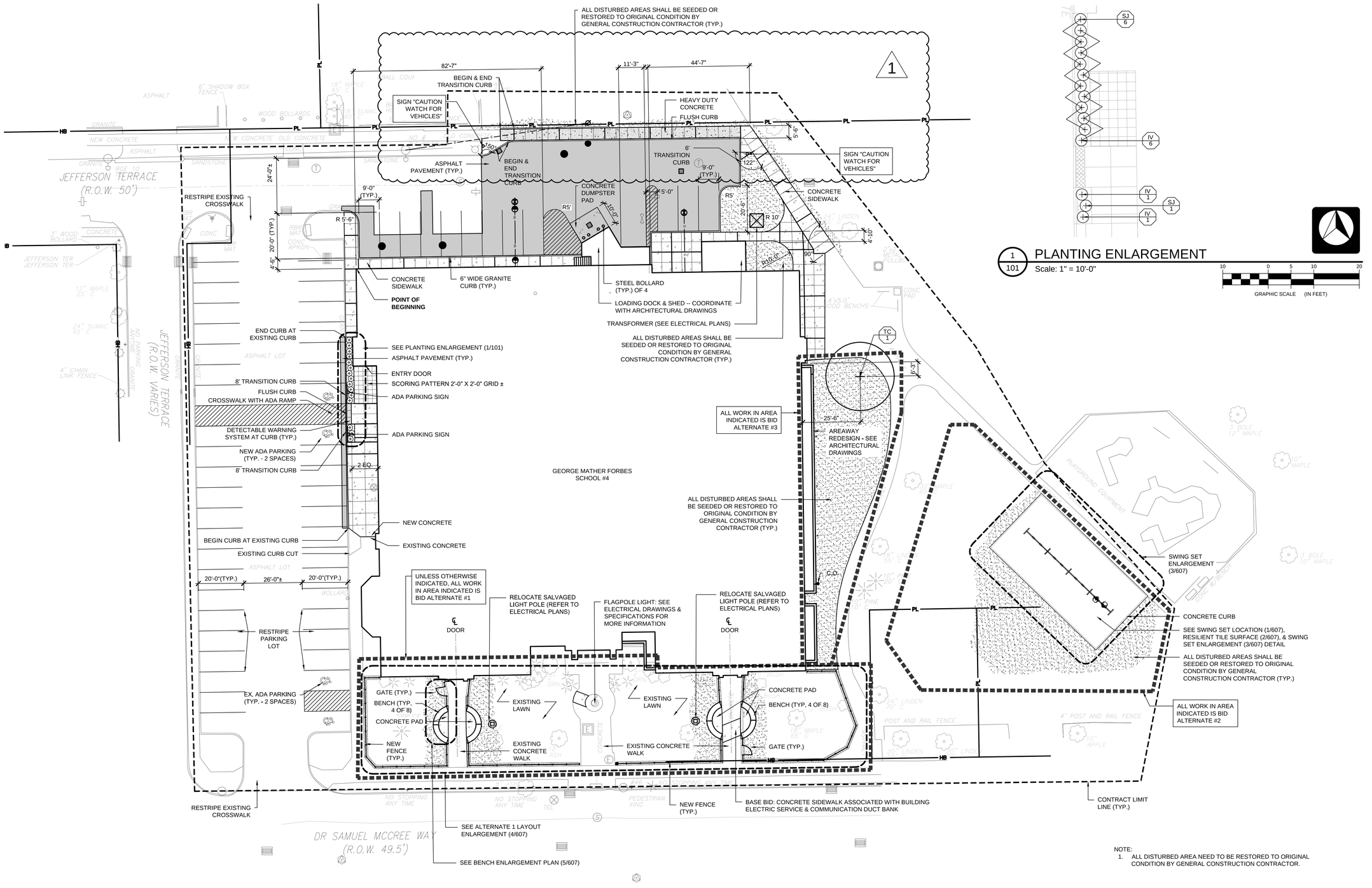
DRAWING TITLE:

PARTIAL BASEMENT DUCTWORK PLAN - HVAC

DATE: 04/25/18
REV: ADDENDUM 1
SCALE: 1/8" = 1'-0"
DRN BY: JPP

JOB NO: 1711
DWG REF: M101.2

SKM-01



1 / 101 PLANTING ENLARGEMENT

Scale: 1" = 10'-0"

GRAPHIC SCALE (IN FEET) 10 0 5 10 20

NOTE:
1. ALL DISTURBED AREA NEED TO BE RESTORED TO ORIGINAL CONDITION BY GENERAL CONSTRUCTION CONTRACTOR.

GRAPHIC SCALE (IN FEET) 20 10 0 10 20 40

PLANT LIST - TREES

KEY	BOTANICAL NAME	COMMON NAME	ROOT	COMMENTS
IV	ITEA VIRGINICA 'SPRICH'	LITTLE HENRY VIRGINIA SWEETSPIRE	#3 CONTAINER	18" HT.
SJ	SPIRAEA JAPONICA 'DOUBLE PLAY RED'	DOUBLE PLAY RED SPIREA	#3 CONTAINER	18" HT.
TC	TILIA CORDATA	LITTLE LEAF LINDEN	2" CAL. B&B	

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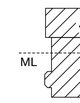
edr Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C.
274 North Goodman Street
Rochester, New York 14607
P. 585.271.0040

REGISTERED LANDSCAPE ARCHITECT
DOUGLAS R. BARKER
000548
STATE OF NEW YORK

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

ROCHESTER SCHOOLS MODERNIZATION PROGRAM

GEORGE MATHER FORBES SCHOOL NO.4

GEORGE M. FORBES - PHASE 2C

SED # 26-16-00-01-0-004-024
DWT # 26-16-00-01-7-999-020

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	ADDENDUM 1	4/25/18

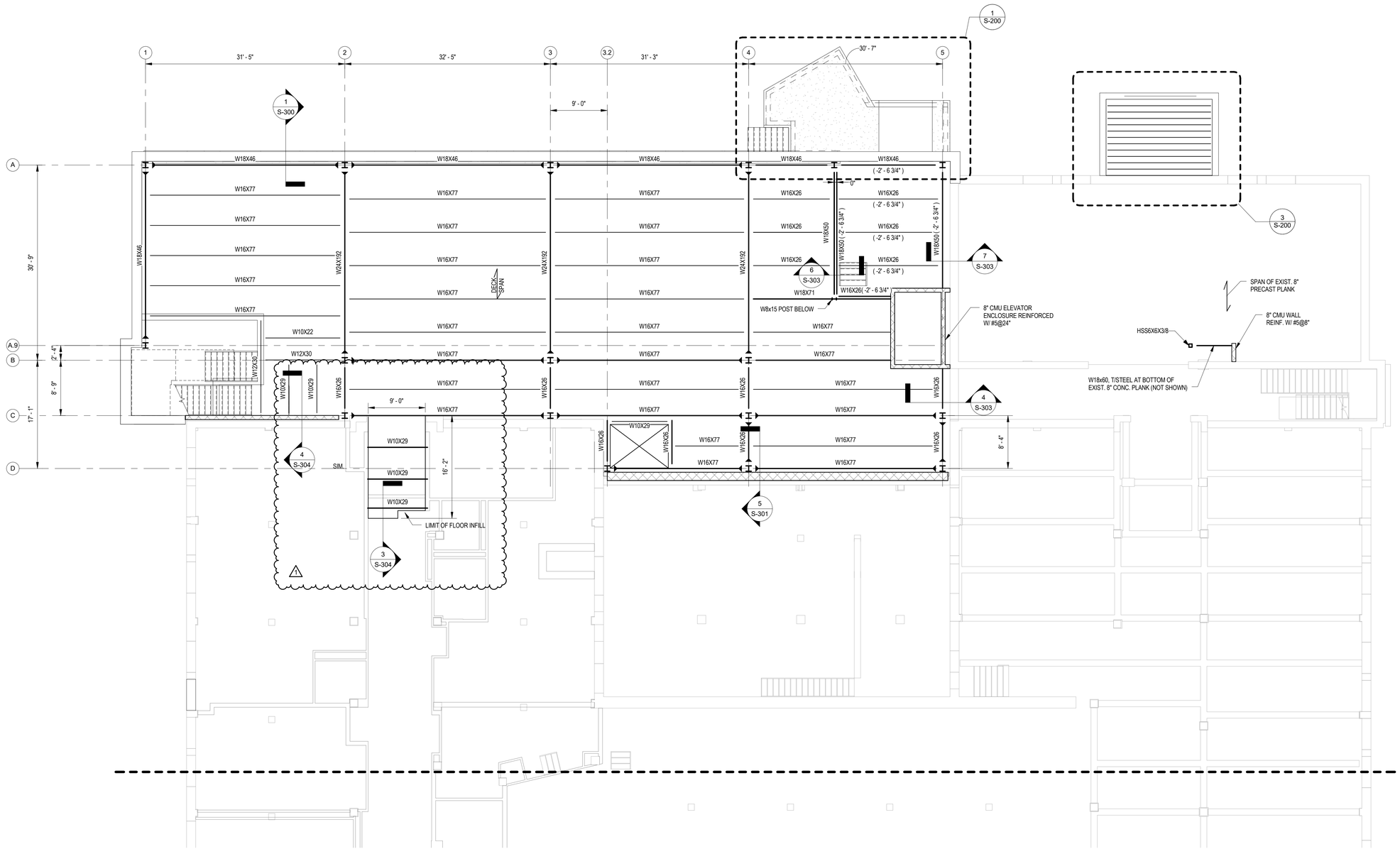
JOB NO.	1711
SCALE	1" = 20'-0"
ISSUE DATE	4/9/18
DRAWN BY	CSC
CHECKED BY	SG

DRAWING TITLE

SITE & PLANTING PLAN

C-101

ISSUED FOR BIDDING



NOTES:

1. REFERENCE ELEVATION = 0'-0" (548.30')= FINISHED FIRST FLOOR ELEVATION AT ADDITION.
2. T/STEEL ELEV. = -0'-4" (547.86') UNLESS NOTED OTHERWISE.
3. FLOOR SLAB SHALL CONSIST OF 2" DEEP G60 GALVANIZED COMPOSITE STEEL DECK, DESIGN THICKNESS 0.0358 INCH (20 GAUGE), (TYPE 2VLI20 BY VULCRAFT OR APPROVED EQUAL) WITH 3-1/4 INCH THICK, 3,000 PSI, LIGHTWEIGHT CONCRETE TOPPING (TOTAL THICKNESS= 5-1/4 INCHES) REINFORCED WITH 6x^-W1.4xW1.4 WWF. FLOOR SLAB SHALL PROVIDE 2 HR FIRE-RESISTANCE RATING, REFERENCE U.L. DESIGN NO. D902 FOR ASSEMBLY INFORMATION.
4. ▷ DENOTES MOMENT CONNECTION MOMENT CONNECTIONS, REFER TO DETAILS ON S-401.
5. COORDINATE FINAL TOP OF SLAB AND TOP OF STEEL ELEVATIONS WITH EXISTING CORRIDOR FLOOR SLABS.
6. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AT EXISTING CONSTRUCTION.
7. CONTRACTOR AND CONTRACTOR'S ENGINEER SHALL DESIGN AND INSTALL TEMPORARY SHORING SYSTEM TO SUPPORT EXISTING BUILDING COMPONENTS DURING CONSTRUCTION.

8' 4' 0 8' 16'
SCALE: 1/8"=1'-0"

1 S-102.1 FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

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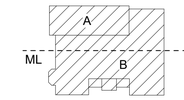
ROCHESTER CITY SCHOOL DISTRICT

Engineering and Land Surveying, P.C.
1533 Crescent Road - Clifton Park, NY 12065

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

N

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV #	DESCRIPTION	DATE
1	ADDENDA #1	4/25/2018

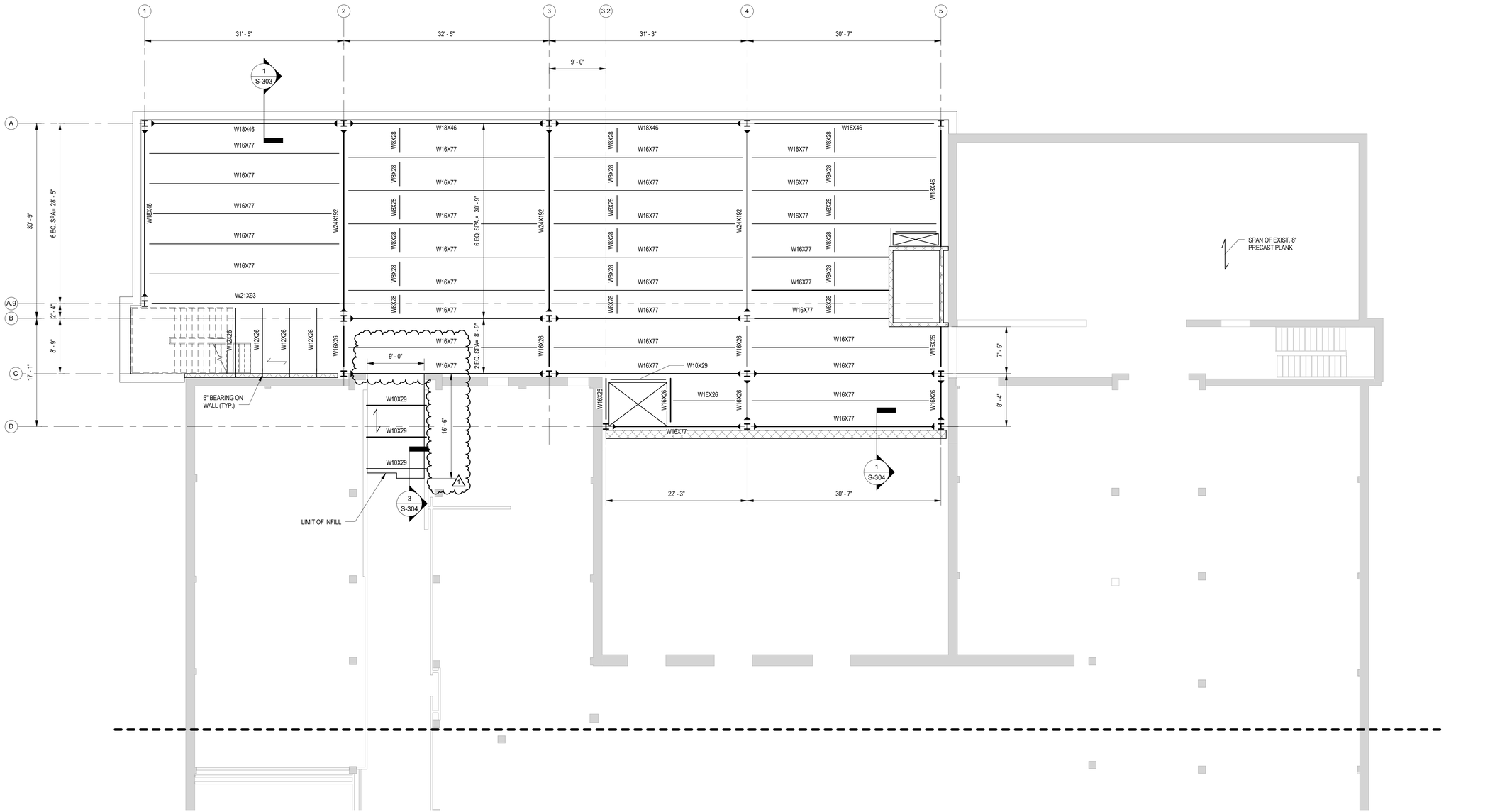
JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	SNP
CHECKED BY	MNW

DRAWING TITLE

FIRST FLOOR FRAMING PLAN

S-102.1

ISSUED FOR REVIEW



NOTES:

1. REFERENCE ELEVATION = 0'-0" (548.30')= FINISHED FIRST FLOOR ELEVATION AT ADDITION.
2. T/STEEL ELEV. = +13'-1 3/4" (561.45') UNLESS NOTED OTHERWISE.
3. FLOOR SLAB SHALL CONSIST OF 2" DEEP G60 GALVANIZED COMPOSITE STEEL DECK, DESIGN THICKNESS 0.0358 INCH (20 GAUGE), (TYPE 2VLI20 BY VULCRAFT OR APPROVED EQUAL) WITH 3-1/4 INCH THICK, 3,000 PSI, LIGHTWEIGHT CONCRETE TOPPING (TOTAL THICKNESS= 5-1/4 INCHES) REINFORCED WITH 6x6-W1.4xW1.4 WWF. FLOOR SLAB SHALL PROVIDE 2 HR FIRE-RESISTANCE RATING, REFERENCE U.L. DESIGN NO. D902 FOR ASSEMBLY INFORMATION.
4. ▷ DENOTES MOMENT CONNECTION. REFER TO DETAILS ON S-401.
5. COORDINATE FINAL TOP OF SLAB AND TOP OF STEEL ELEVATIONS WITH EXISTING CORRIDOR FLOOR SLABS.
6. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AT EXISTING CONSTRUCTION.

8' 4' 0 8' 16'
SCALE: 1/8"=1'-0"

1 / S-103.1 SECOND FLOOR FRAMING PLAN
1/8" = 1'-0"

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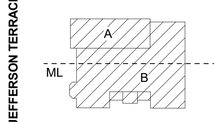
JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV #	DESCRIPTION	DATE
1	ADDENDA #1	4/25/2018

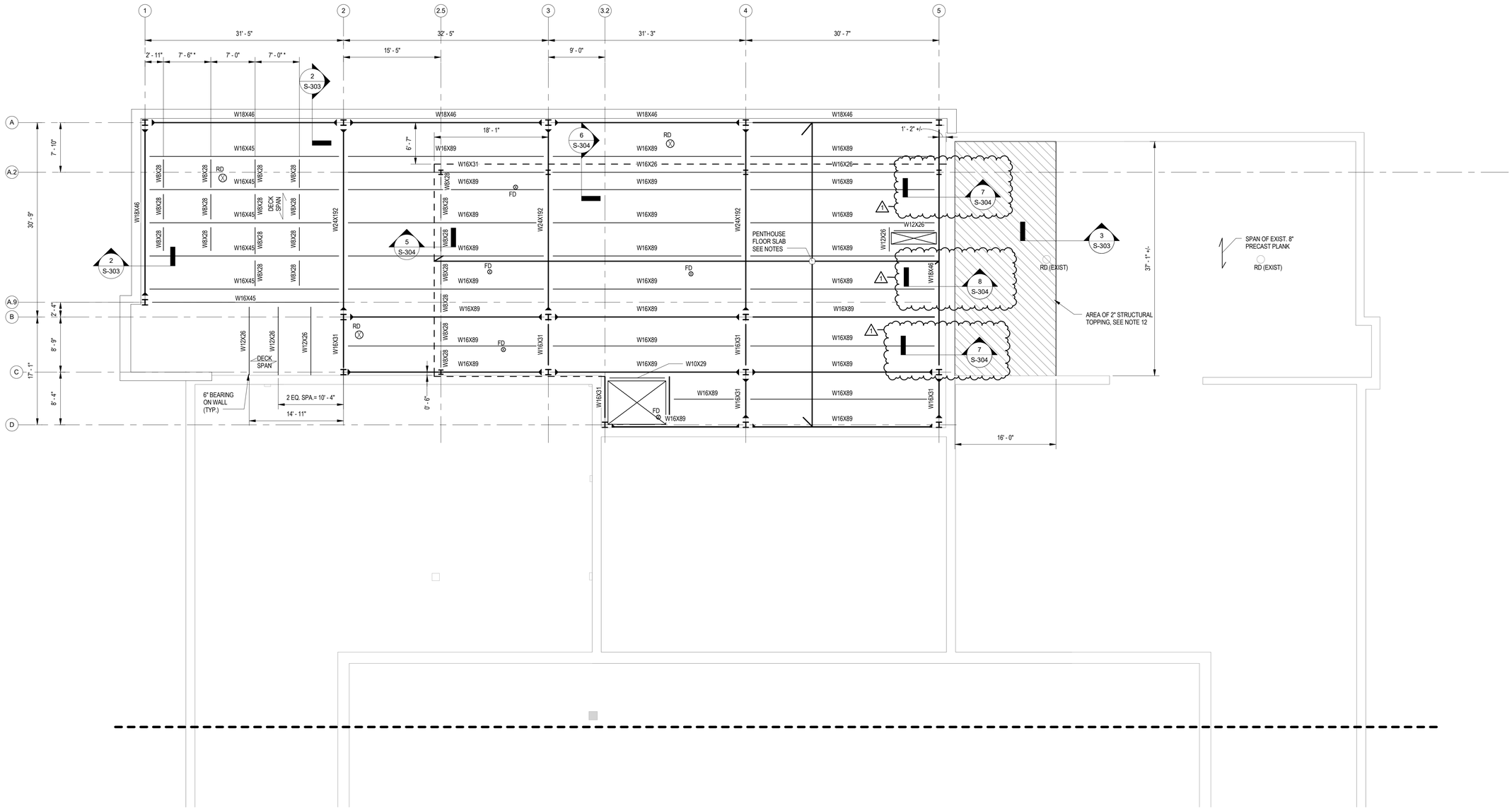
JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	SNP
CHECKED BY	MNW

DRAWING TITLE

SECOND FLOOR FRAMING PLAN

S-103.1

ISSUED FOR REVIEW



NOTES:

1. REFERENCE ELEVATION= 0'-0" (548.30')= FINISHED FIRST FLOOR ELEVATION AT ADDITION.
2. T/STEEL ELEV.= +27'-4" (676.63') UNLESS NOTED OTHERWISE.
3. AREA INDICATED BETWEEN COLUMN LINES 3.2 AND 5 ARE THE FLOOR SLABS FOR THE MECHANICAL PENTHOUSE. REFER TO S-105 FOR MECHANICAL PENTHOUSE ROOF FRAMING PLAN.
4. FLOOR SLAB SHALL CONSIST OF 2" DEEP G60 GALVANIZED COMPOSITE STEEL DECK, DESIGN THICKNESS0.0358 INCH (20 GAUGE), (TYPE 2VLI20 BY VULCRAFT OR APPROVED EQUAL) WITH 4 INCH THICK, 3,000 PSI, LIGHTWEIGHT CONCRETE TOPPING (TOTAL THICKNESS= 6 INCHES) REINFORCED WITH 6x6-W1.4xW1.4 WWF. FLOOR SLAB SHALL PROVIDE 2 HR FIRE-RESISTANCE RATING, REFERENCE U.L. DESIGN NO. D902 FOR ASSEMBLY INFORMATION.
5. METAL ROOF DECK SHALL BE 1 1/2" 18 GA. GALV. TYPE B METAL DECK.
6. ▷ DENOTES MOMENT CONNECTION, REFER TO DETAILS ON S-401.
7. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AT EXISTING CONSTRUCTION.
8. RD DENOTES ROOF DRAIN SEE PLUMBING AND ARCHITECTURAL DWGS., FRAME OPENING AT ROOF DRAIN PER DETAIL 12/S-500
9. ALL SHEAR AND MOMENT CONNECTIONS TO BE DESIGNED BY FABRICATOR CALCULATIONS SHALL BE PROVIDED SIGNED AND STAMPED BY AN ENGINEER LICENSED IN THE STATE OF NEW YORK.
10. COORDINATE WITH PLUMBING DRAWINGS FOR SLOPED SLAB AND DRAIN LOCATIONS AT PENTHOUSE FLOOR.
11. COORDINATE WITH MECH. DWGS FOR EQUIP. PLACEMENT AT PENTHOUSE FLOOR. NOTIFY ENGINEER IF SIZE OR WEIGHT EXCEED THOSE INDICATED.
12. EXISTING NON-STRUCTURAL VARIABLE CONCRETE FILL TOPPING TO BE REMOVED. CONTRACTOR SHALL SUBMIT REMOVAL PLAN FOR REVIEW AND APPROVAL. EXISTING BOND BREAKER SHALL BE REMOVED AND THE TOP SURFACE OF THE PLANK SHALL BE PREPARED USING APPROVED CLEANING AND BONDING PROCEDURES (REMOVE ALL DUST, DIRT, GREASE OR ANY DEBRIS THAT MAY PREVENT BONDING. 2" STRUCTURAL TOPPING SHALL BE STRUCTURAL CONCRETE, 5,000 PSI MINIMUM BONDED TO THE TOP OF THE HOLLOWCORE PLANK WITH A BONDING AGENT.
13. FD DENOTES FLOOR DRAIN LOCATION. SEE PLUMBING AND ARCHITECTURAL DWGS. TOP OF FLOOR DRAIN GRATE ELEVATION TO BE SET 0'-1/2" BELOW FINISH FLOOR ELEVATION. PITCH SLAB UNIFORMLY TO FLOOR DRAINS.
14. * DENOTES DIMENSION TO BE COORDINATED WITH MECHANICAL CONTRACTOR AND APPROVED EQUIPMENT SHOP DRAWINGS.
15. * DENOTES DIMENSION TO BE COORDINATED WITH MECHANICAL CONTRACTOR AND APPROVED EQUIPMENT SHOP DRAWINGS.

1 S-104.1 ROOF FRAMING PLAN
1/8" = 1'-0"

8' 4' 0 8' 16'
SCALE: 1/8"=1'-0"

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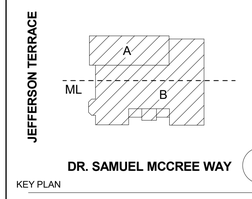


KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV #	DESCRIPTION	DATE
1	ADDENDA #1	4/25/2018

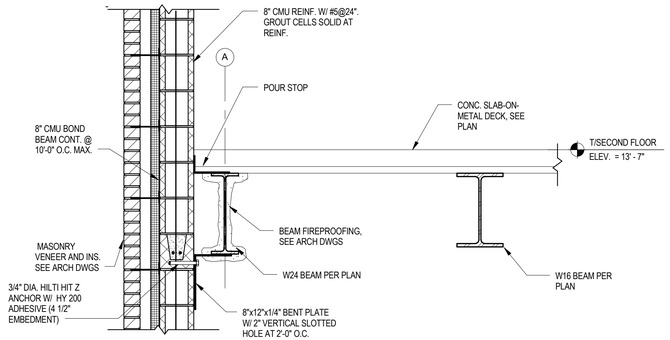
JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	SNP
CHECKED BY	MNW

DRAWING TITLE

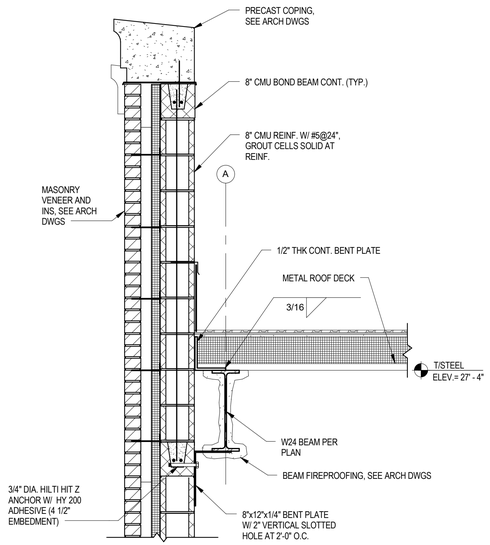
ROOF FRAMING PLAN

S-104.1

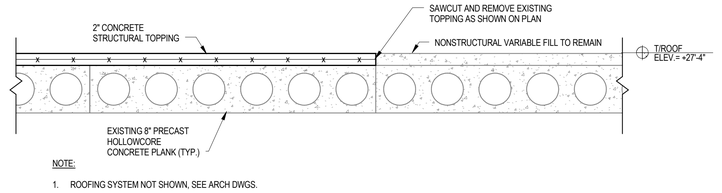
ISSUED FOR REVIEW



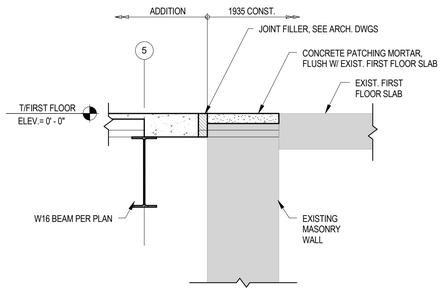
1 S-303 FRAMING SECTION AT SECOND FLOOR
3/4" = 1'-0"



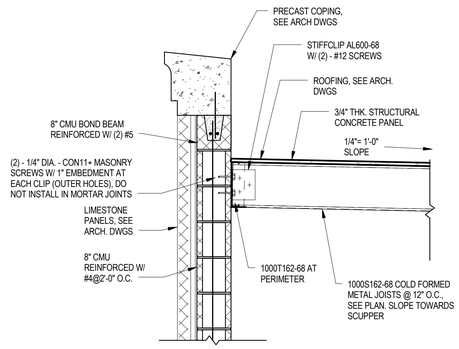
2 S-303 FRAMING SECTION AT ROOF
3/4" = 1'-0"



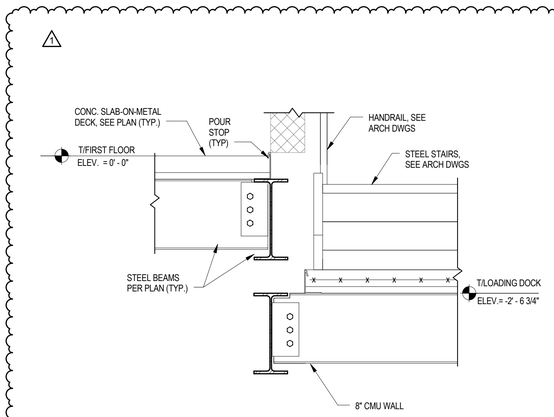
3 S-303 EXISTING PLANK SECTION AT STRUCTURAL TOPPING
1" = 1'-0"



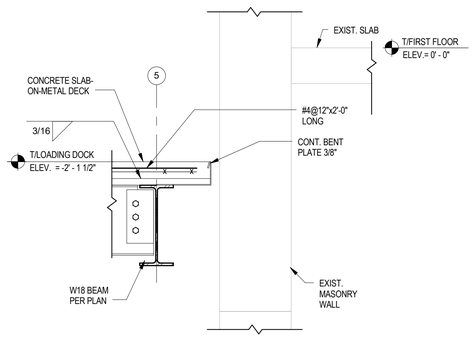
4 S-303 FRAMING SECTION AT FIRST FLOOR CORRIDOR
3/4" = 1'-0"



5 S-303 FRAMING SECTION AT OUTDOOR STORAGE
3/4" = 1'-0"



6 S-303 FRAMING SECTION AT LOADING DOCK
3/4" = 1'-0"



7 S-303 FRAMING SECTION AT LOADING DOCK
3/4" = 1'-0"

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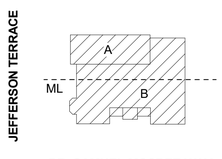


KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV #	DESCRIPTION	DATE
1	ADDENDA #1	4/25/2018

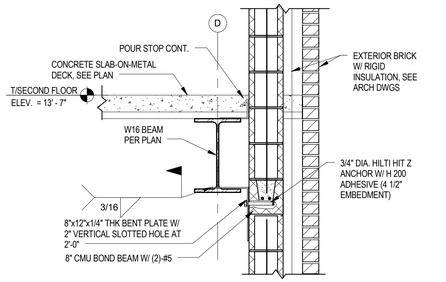
JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	SNP
CHECKED BY	MNW

DRAWING TITLE

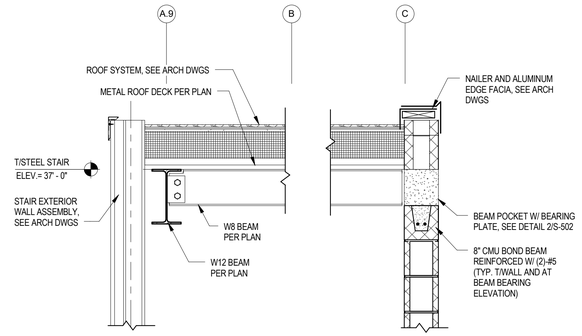
FRAMING SECTIONS

S-303

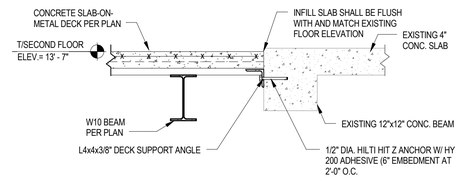
ISSUED FOR REVIEW



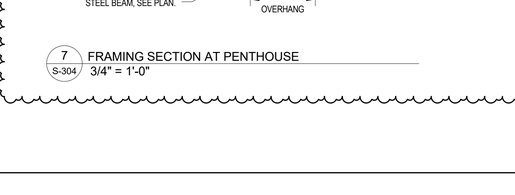
1 S-304 FRAMING SECTION AT SECOND FLOOR
3/4" = 1'-0"



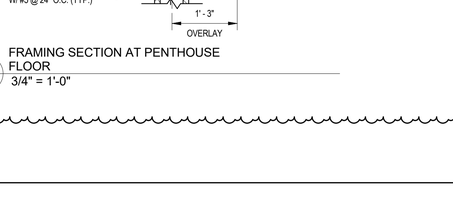
2 S-304 FRAMING SECTION AT STAIR 4 ROOF
3/4" = 1'-0"



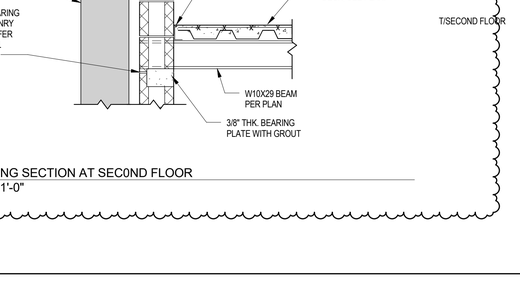
3 S-304 FRAMING SECTION AT EXISTING STAIR INFILL
3/4" = 1'-0"



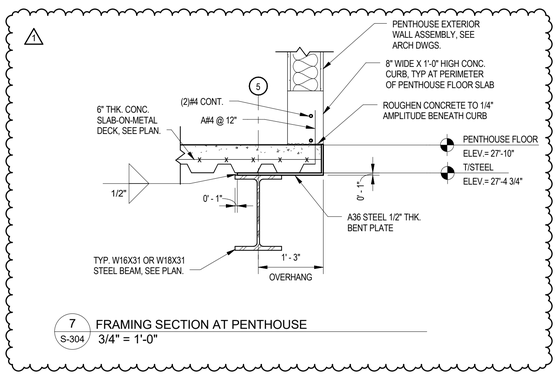
4 S-304 FRAMING SECTION AT PENTHOUSE ROOF
3/4" = 1'-0"



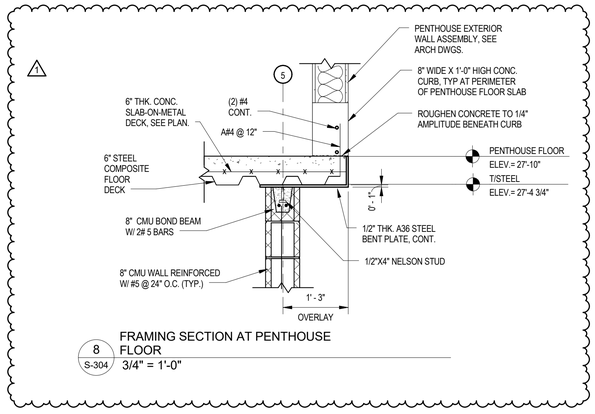
5 S-304 FRAMING SECTION AT PENTHOUSE FLOOR
3/4" = 1'-0"



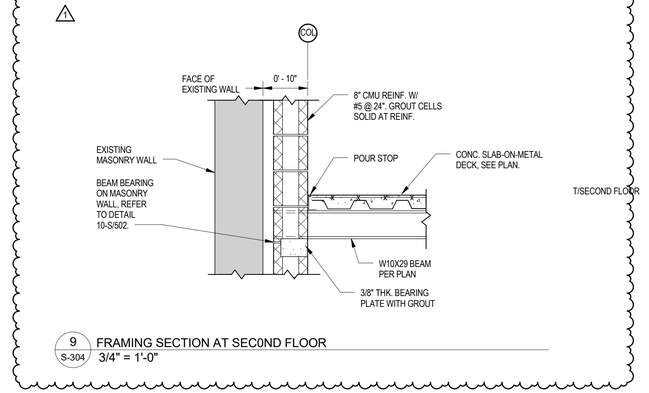
6 S-304 FRAMING SECTION AT PENTHOUSE FLOOR
3/4" = 1'-0"



7 S-304 FRAMING SECTION AT PENTHOUSE ROOF
3/4" = 1'-0"



8 S-304 FRAMING SECTION AT PENTHOUSE FLOOR
3/4" = 1'-0"



9 S-304 FRAMING SECTION AT SECOND FLOOR
3/4" = 1'-0"

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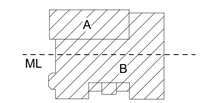


DR. SAMUEL MCCREE WAY

KEY PLAN

N

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program -Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV #	DESCRIPTION	DATE
1	ADDENDA #1	4/25/2018

JOB NO.	1711
SCALE	3/4" = 1'-0"
ISSUE DATE	4/9/18
DRAWN BY	SNP
CHECKED BY	MNW

DRAWING TITLE

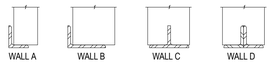
FRAMING SECTIONS

S-304

ISSUED FOR REVIEW

STEEL LINTEL SCHEDULE

WALL THICKNESS AND TYPE	MASONRY OPENING WIDTH		
	UP TO 4'-0" 4" BRG. EA. END	4'-0" TO 8'-0" 6" BRG. EA. END	8'-1" TO 12'-0" 8" BRG. EA. END
4" - WALL A (30psf)	L3 1/2x3 1/2x3/8	L3 1/2x5x3/8 LLV	L7x4x3/8 LLV
8" - WALL D (60psf)	2 ll3 1/2x3 1/2x3/8	2 ll4x3 1/2x3/8 LLV	3/16 3@12 W8x15 & 1/4x7 1/2
12" - WALL D (90psf)	2 ll5x3 1/2x3/8 LLH	2 ll5x5x3/8	3/16 3@12 W8x18 & 1/4x11 1/2
14" - WALL D (105psf)	2 ll5x3 1/2x3/8 LLH	3/16 3@12 W8x18 & 1/4x11 1/2	3/16 3@12 W10x39 & 1/4x11 1/2

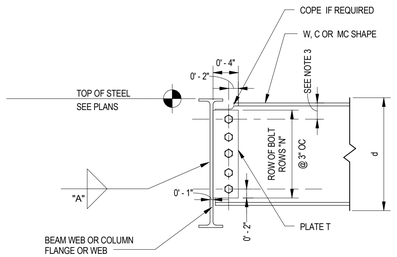


SINGLE ANGLE LINTELS, WALLS A & B ARE FOR USE WHERE ONLY ONE FACE OF WALL IS IN A FINISHED AREA.

LINTEL NOTES:

1. TABLE INDICATES STEEL LINTELS FOR NON-LOAD BEARING MASONRY WALLS. WEIGHT OF MAS. UNITS, AS SHOWN IN TABLE, IS POUNDS PER SQUARE FOOT OF FACE AREA OF WYTHE INDICATED.
2. FOR GREATER WYTHES, HEAVIER MATERIALS, BEARING WALLS AND LARGER OPENINGS, SEE STRUCT. DWGS.
3. IF NO LINTEL NOTED ON STRUCT. DWGS, USE ABOVE SCHEDULE. SEE ARCH., STRUCT., MECH. & ELEC. DWGS FOR LOCATION OF OPENINGS.
4. ALL EXTERIOR LINTELS TO BE GALVANIZED PRIOR TO PAINTING.
5. GROUT CORES IN MASONRY WALL FOR 16" BELOW LINTELS, MIN.
6. WELD TOGETHER BACK-TO-BACK LINTELS.
7. DO NOT LOCATE CONTROL OR EXP. JOINTS ABOVE LENGTH OF LINTEL.
8. LINTELS ARE NOT REQUIRED FOR PENETRATIONS WHICH DO NOT EXCEED THE FOLLOWING DIMENSION PARALLEL TO THE WALL.
   A. BRICK WALL: 8" MAX.
   B. CMU WALL: 16" MAX.
   MULTIPLE PENETRATIONS SPACED LESS THAN 12" APART SHALL BE SUPPORTED AS A SINGLE PENETRATION CONSIDERING THE TOTAL OPENING WIDTH.

1 S-401 STEEL LINTEL SCHEDULE AND NOTES
N.T.S.



PERPENDICULAR CONNECTION

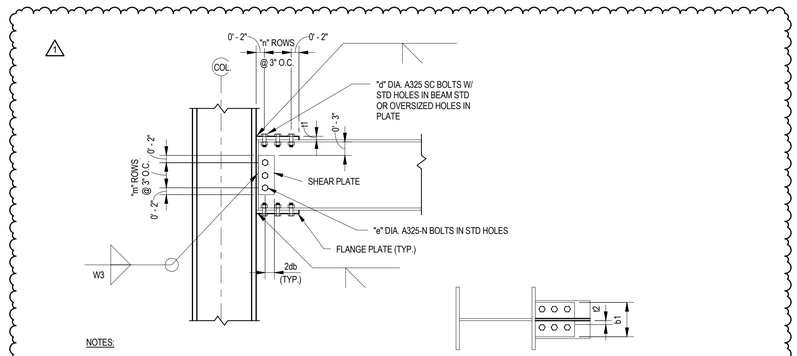
NOTES:

1. ALL BOLTS SHALL BE 3/4" DIA A325-N UNLESS NOTED OTHERWISE.
2. PROVIDE MINIMUM NUMBER OF BOLT ROWS "N" SHOWN AS THE TYPICAL CONNECTION. INCREASE NUMBER OF ROWS AND OR BOLTS DIA IF INIDICATED ON PLANS.
3. MINIMUM DISTANCE FROM CL OF TOP BOLT TO TOP OF STEEL SHALL BE 3". WHERE DEEP COPES ARE REQUIRED INCREASE DISTANCE FROM TOP OF BEAM TO CL OF TOP BOLT.
4. USE ONLY SHORT HORIZONTAL SLOTTED HOLES.

SINGLE PLATE BEAM CONNECTION SCHEDULE 3/4" DIA BOLTS

NOMINAL BEAM DEPTH "D"	N.O OF BOLT ROWS "N"	PLATE THICKNESS "T"	WELD SIZE "A"
W8	2	5/16	1/4
W10	2	5/16	1/4
W12	3	3/8	5/16
W14	3	3/8	5/16
W16	3	3/8	5/16
W18	5	3/8	5/16
W21	6	3/8	5/16
W24	7	3/8	5/16

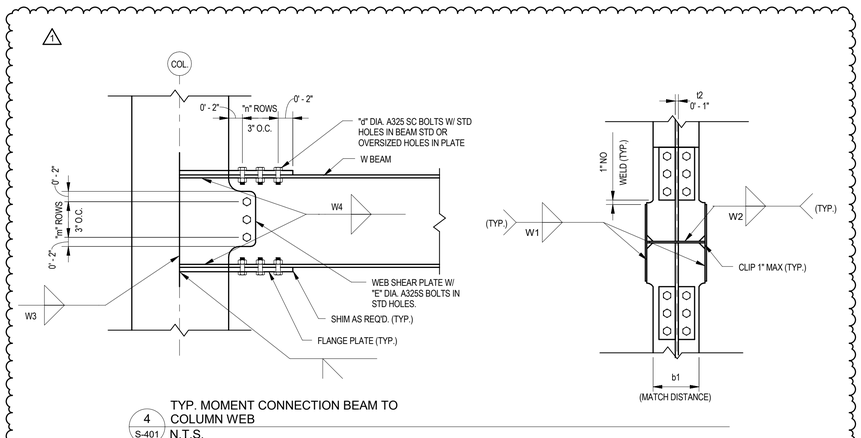
2 S-401 TYP. SINGLE PLATE BEAM TO BEAM CONNECTION
N.T.S.



NOTES:

1. CONNECTION SHOWN THUS ON PLAN
2. BEAM FLANGE WELDS ARE DEMAND CRITICAL WELDS AND SHALL MEET THE REQUIREMENTS OF SECTION 7.3 AND APPENDIX W OF AISC 341.05.
3. WELD ACCESS HOLE GEOMETRY PER AWS D1.8 SECTION 6.9.1.2. WELD ACCESS HOLE QUALITY PER AWS D1.8 SECTION 6.9.2.
4. CONNECTION TO MEET REQUIREMENTS OF AISC 358-05 CHAPTER 8 - WELDED UN-REINFORCED FLANGE-WELDED WEB (WUF-W) MOMENT CONNECTION.
5. PROTECTED ZONE: NO BOLTING, POWDER ACTUATED FASTENERS, OR WELDING TO FLANGES EXCEPT FOR FLOOR OR ROOF DECK ATTACHMENT.

3 S-401 TYP. MOMENT CONNECTION BEAM TO COLUMN FLANGE
N.T.S.



4 S-401 TYP. MOMENT CONNECTION BEAM TO COLUMN WEB
N.T.S.

1

MOMENT CONNECTIONS

TYPE	CONNECTION @ CF/CW	MOMENT BEAM SIZE TO COL.	FLANGE PLATES						WEB PLATES			
			t1	b1	W1	W2	n	d	t2	W3/W4	M	e
1	CF	W16	5/16"	7"	FP	FP	3	3/4"	3/8"	5/16"	3	3/4"
2	CF	W18	5/16"	7"	FP	FP	3	3/4"	3/8"	5/16"	5	3/4"
3	CW	W16	5/16"	7"	5/16"	5/16"	3	3/4"	3/8"	5/16"	3	3/4"
4	CW	W18	5/16"	7"	5/16"	5/16"	3	3/4"	3/8"	5/16"	5	3/4"
5	CF	W21	3/4"	9"	FP	FP	4	3/4"	3/4"	3/8"	7	3/4"

NOTES:

1. "CF" DENOTES CONNECTION AT COLUMN FLANGE.
2. "CW" DENOTES CONNECTION AT COLUMN WEB.
3. "*" DENOTES - PROVIDE FULL DEPTH 1/2" THK. TRANSVERSE COLUMN STIFFENERS WITH 5/16" FILLET WELD TOP AND BOTTOM.
4. ALL 3/4" DIAMETER BOLTS TO BE A325.

5 S-401 MOMENT CONNECTION TABLE
1 1/2" = 1'-0"

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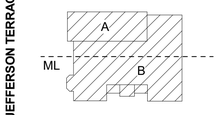

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KEY PLAN

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Rochester Schools Modernization Program
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George M. Forbes- Renovation, Alterations and Addition

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CHECKED BY	Checker

DRAWING TITLE

SCHEDULES

S-401

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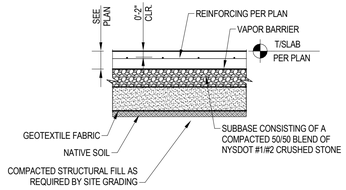
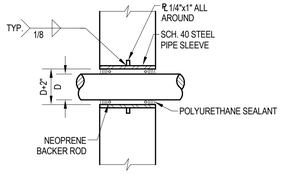


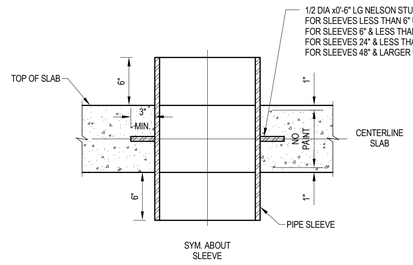
1 S-500 TYP. CONCRETE SLAB-ON-GRADE
1/2" = 1'-0"



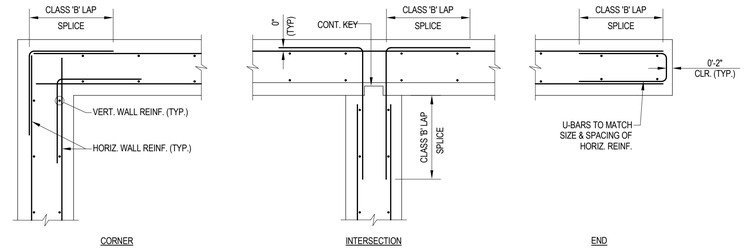
NOTE:

1. SEAL BOTH ENDS AT WALLS, SEAL TOP ONLY AT FLOORS.

2 S-500 TYP. FND/WALL SLEEVE
1/2" = 1'-0"



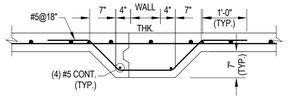
3 S-500 TYP. PIPE SLEEVE THRU SLAB
1/2" = 1'-0"



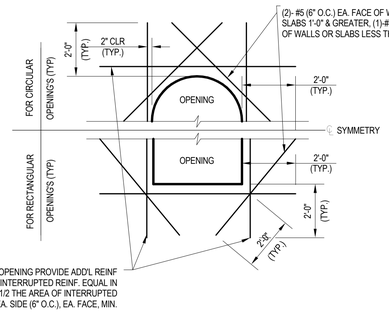
NOTE:

1. FOR WALLS WITH SINGLE REINFORCEMENT (I.E. REINF. BARS AT CENTER OF WALL, ETC.), USE REINF DETAILS SIMILAR TO ABOVE DETAILS.

4 S-500 TYP. HORIZONTAL WALL REINF.
1/2" = 1'-0"



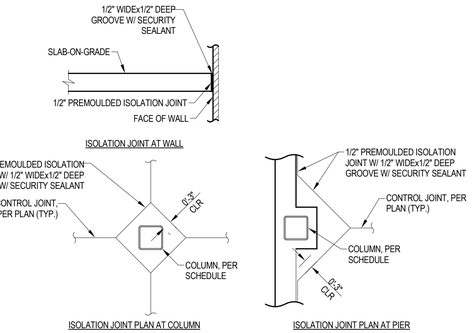
5 S-500 TYP. THICKENED SLAB
3/8" = 1'-0"



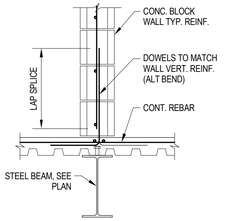
NOTES:

1. USE ABOVE REINF AROUND OPENING'S 1'-0" AND LARGER UNLESS NOTED OTHERWISE ON DWGS.
2. FOR OPENING'S LESS THAN 1'-0", NO ADD'L. REINF IS REQ'D. UNLESS NOTED OTHERWISE ON DWGS.

6 S-500 TYP. OPENING REINF. IN SLABS AND WALLS
3/8" = 1'-0"



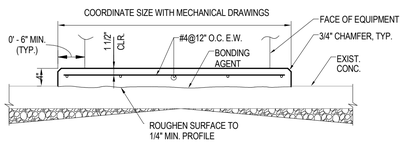
7 S-500 TYP. ISOLATION JOINT
1/2" = 1'-0"



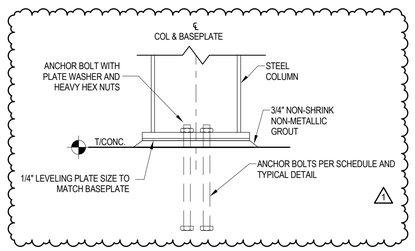
NOTE:

1. WHEN LOWER FLUTE DOES NOT LINE-UP WITH BEAM ENGINEER TO VERIFY THAT HOOKED DOWEL CAN BE DEVELOPED IN THE CONC. SLAB.

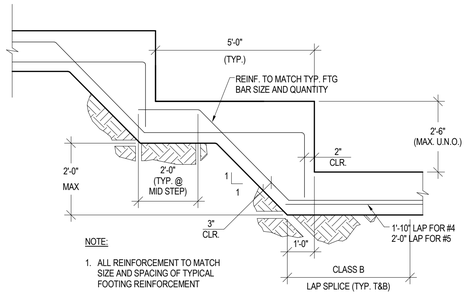
8 S-500 TYP. STEEL BEAM UNDER WALL
3/4" = 1'-0"



9 S-500 TYP. HOUSEKEEPING PAD
3/4" = 1'-0"



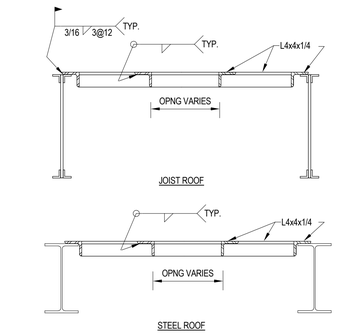
10 S-500 TYP. BASEPLATE SECTION
1 1/2" = 1'-0"



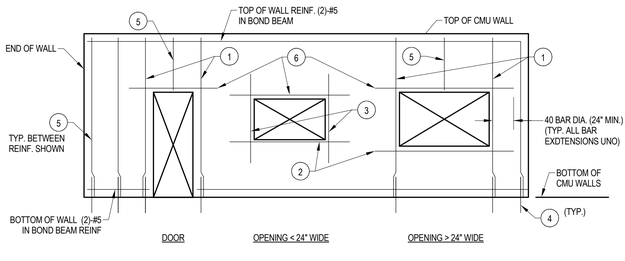
NOTE:

1. ALL REINFORCEMENT TO MATCH SIZE AND SPACING OF TYPICAL FOOTING REINFORCEMENT

11 S-500 TYP. FOOTING STEP
1/2" = 1'-0"



12 S-500 TYP. ROOF OPENING FRAME
1/2" = 1'-0"

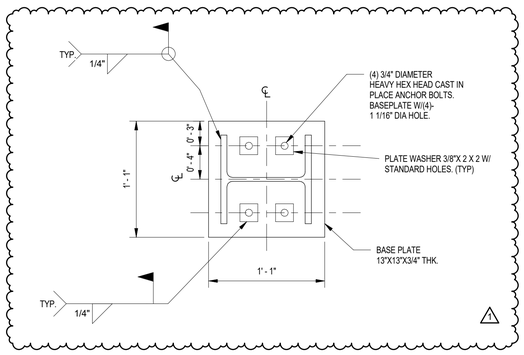


1. SEE TYPICAL CMU OPENING, ADDITIONAL REINF. DETAIL THIS DRAWING
2. SILL BARS. (2)-#5 IN BOND BEAM
3. (1)-#5 EACH SIDE
4. DOWELS TO MATCH SIZE AND SPACING OF WALL REINFORCING.
5. BETWEEN BARS SHOWN, PROVIDE TYPICAL WALL REINF PER PLANS
6. SEE STEEL LINTEL SCHEDULE

NOTE:

1. IF FULL LENGTH IS NOT AVAILABLE, EXTEND AS FAR AS POSSIBLE, HOOK 90°, THEN EXTEND. BEYOND BEND, REMAINDER OF LENGTH REQ'D (NOT LESS THAN 12")

13 S-500 TYP. CMU WALL DETAIL
1/2" = 1'-0"



14 S-500 TYPICAL BASEPLATES
1 1/2" = 1'-0"

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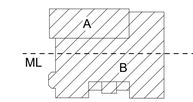

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TYPICAL DETAILS

S-500

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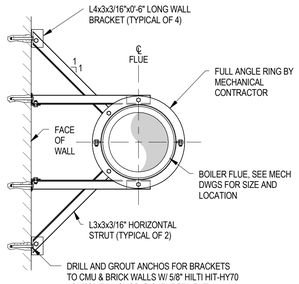
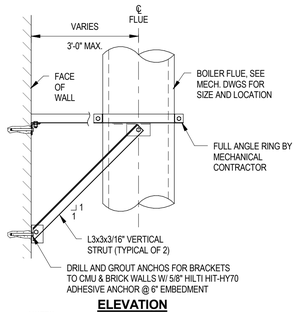


PLAN

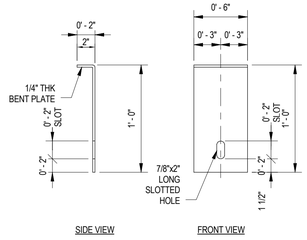


ELEVATION

NOTES:

1. COORDINATE SUPPORT LOCATIONS WITH MECHANICAL CONTRACTOR AND BOILER FLUE MANUFACTURER. MAXIMUM VERTICAL SUPPORT SPACING= 12'-6".
2. ALL STEEL AND FASTENERS SHALL BE 304 STAINLESS STEEL.
3. ALL BOLTS SHALL BE 1/2" ASTM A325.

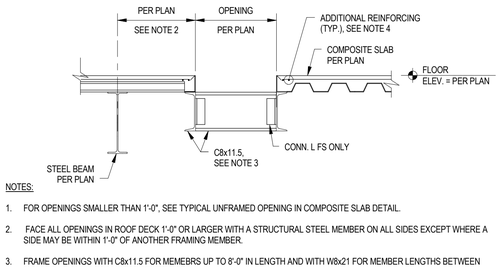
1 S-502 TYP. BOILER FLUE WALL GUIDE
1/2" = 1'-0"



NOTES:

1. INSTALL PLATES ON EACH SIDE OF BEAM AT 2'-0" O.C. MAX.
2. WELD TO BEAM BOTTOM FLANGE AFTER CMU PLACEMENT.
3. INSTALL THROUGH BOLTS AT BOTTOM OF PLATE SLOT TO ALLOW FOR MOVEMENT OF BEAM.

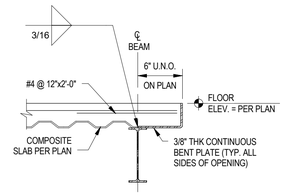
2 S-502 TYP. BEAM CONNECTOR PLATE DETAIL
N.T.S.



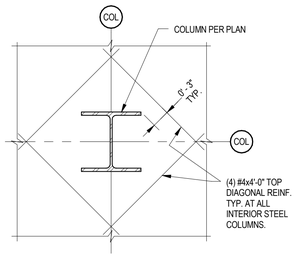
NOTES:

1. FOR OPENINGS SMALLER THAN 1'-0", SEE TYPICAL UNFRAMED OPENING IN COMPOSITE SLAB DETAIL.
2. FACE ALL OPENINGS IN ROOF DECK 1'-0" OR LARGER WITH A STRUCTURAL STEEL MEMBER ON ALL SIDES EXCEPT WHERE A SIDE MAY BE WITHIN 1'-0" OF ANOTHER FRAMING MEMBER.
3. FRAME OPENINGS WITH C8x11.5 FOR MEMEBRS UP TO 8'-0" IN LENGTH AND WITH W8x21 FOR MEMBER LENGTHS BETWEEN 8'-0" AND 15'-0" UNLESS NOTED OTHERWISE.
4. PROVIDE (2) #4 BARS EACH SIDE OF OPENING PER TYPICAL UNFRAMED OPENINGS IN COMPOSITE SLAB DETAIL.

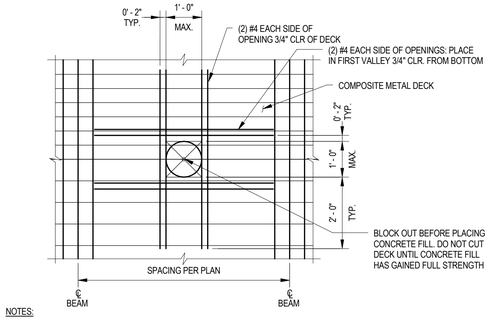
5 S-502 TYP. FRAMED OPENING IN COMPOSITE SLAB
N.T.S.



3 S-502 TYP. SECTION AT COMPOSITE SLAB OPENINGS
N.T.S.



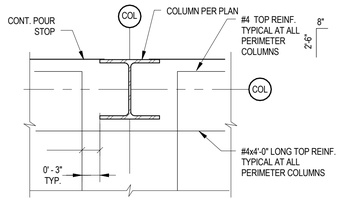
6 S-502 TYP. COMPOSITE SLAB AT INTERIOR COLUMN
N.T.S.



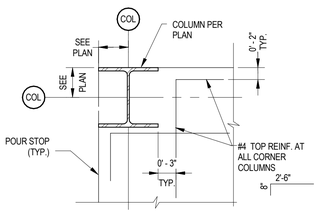
NOTES:

1. BOXED OUT OPENINGS, RECESSED BOXES, CONDUITS, AND PIPE SLEVES WHERE INDIVIDUAL CONDUITS OR SLEEVES ARE CLOSER THAN 6" O.C. SHALL BE TREATED AS FRAMED SLAB OPENINGS.
2. FOR OPENINGS LARGER THAN 1'-0", SEE TYPICAL FRAMED OPENING IN COMPOSITE SLAB DETAIL.

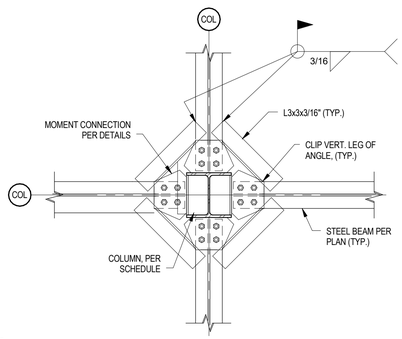
4 S-502 TYPICAL UNFRAMED OPENING IN COMPOSITE SLAB DETAIL
N.T.S.



7 S-502 TYP. COMPOSITE SLAB AT PERIMETER COLUMN
N.T.S.



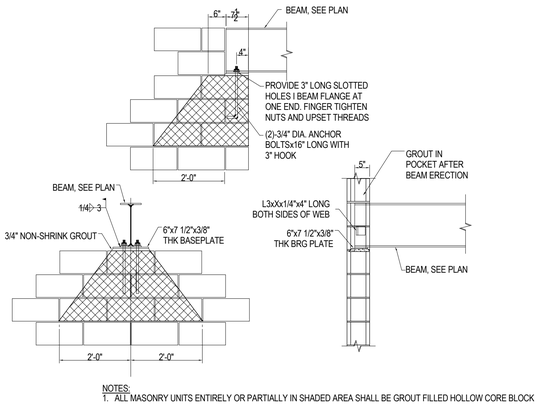
8 S-502 TYP. COMPOSITE SLAB AT CORNER COLUMN
N.T.S.



NOTES:

1. INSTALL ANGLES AS REQUIRED TO PROVIDE BEARING FOR FULL WIDTH OF ALL METAL DECK SHEETS, TYP.
2. DECK NOT SHOWN FOR CLARITY.

9 S-502 TYP. DECK SUPPORT AT COLUMN W/ MOMENT CONNECTION
N.T.S.



NOTES:
1. ALL MASONRY UNITS ENTIRELY OR PARTIALLY IN SHADED AREA SHALL BE GROUT FILLED HOLLOW CORE BLOCK

10 S-502 TYPICAL BEAM BEARING ON MASONRY WALL
1/2" = 1'-0"

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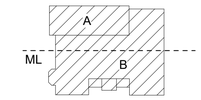
ROCHESTER CITY SCHOOL DISTRICT

Engineering and Land Surveying, P.C.
1533 Crescent Road - Clifton Park, NY 12065

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
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26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV #	DESCRIPTION	DATE
1	ADDENDA #1	4/25/2018

JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	Author
CHECKED BY	Checker

DRAWING TITLE

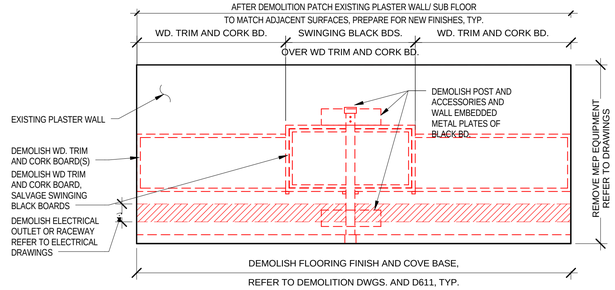
TYPICAL DETAILS

S-502

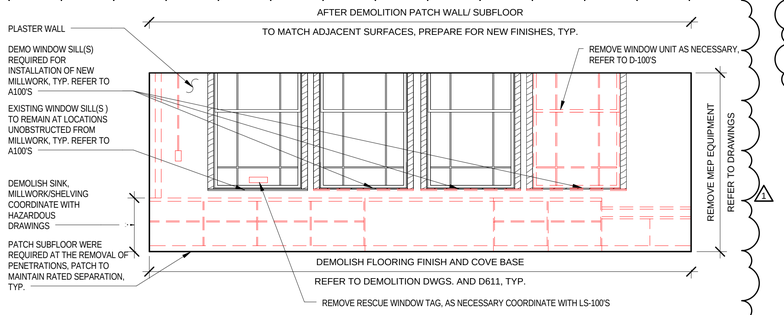
ISSUED FOR REVIEW

DRAWING GENERAL NOTES:

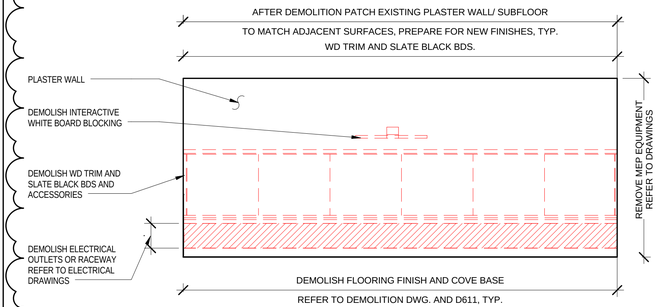
1. TYPICAL NOTES REFER TO ORIGINAL 1935 CLASSROOMS, EXCEPT FOR RM 102 WHICH SHALL BE REFURBISHED, REFER TO A601. CLASSROOMS ARE: 102, 103, 104, 106, 107, 108, 112, 113, 200, 202, 203, 204, 206, 207, 208A, 212 (NORTH), 212 (SOUTH), 215, 216, AND 218.
2. COVE BASE DEMOLITION TO OCCUR AT ALL LOCATIONS WERE CONCRETE COVE BASE IS PRESENT.



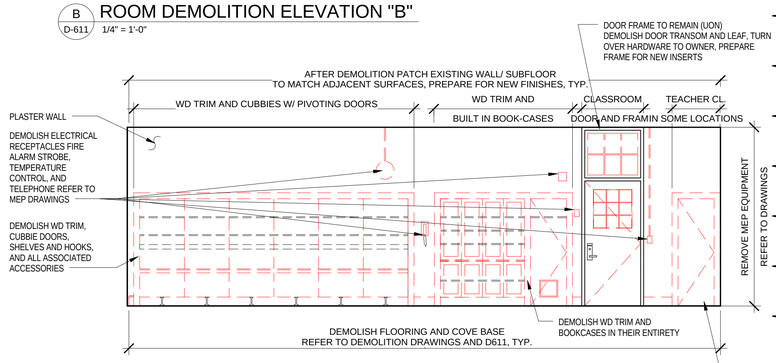
A D-611 ROOM DEMOLITION ELEVATION "A"
1/4" = 1'-0"



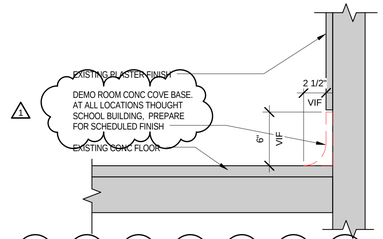
B D-611 ROOM DEMOLITION ELEVATION "B"
1/4" = 1'-0"



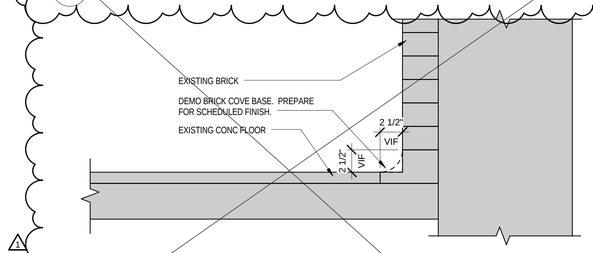
C D-611 ROOM DEMOLITION ELEVATION "C"
1/4" = 1'-0"



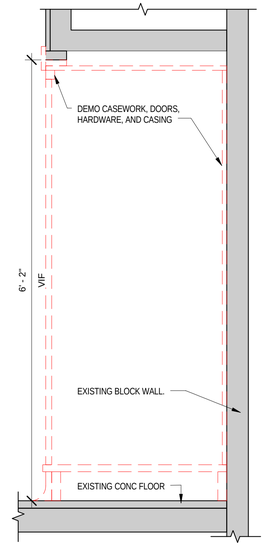
D D-611 ROOM DEMOLITION ELEVATION "D"
1/4" = 1'-0"



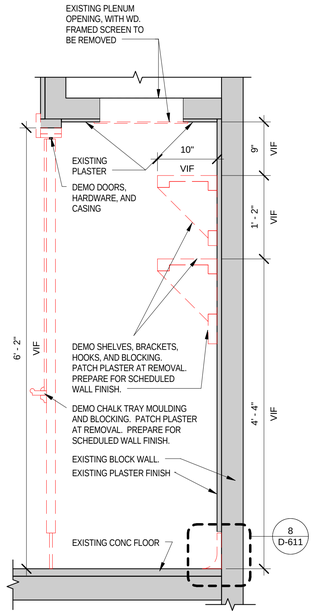
8 D-611 COVE BASE DEMOLITION DETAIL @ ROOM PERIMETER
1 1/2" = 1'-0"



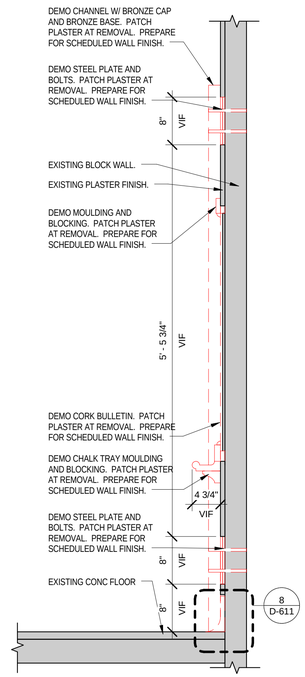
. D-611 BRICK COVE BASE DEMOLITION DETAIL
1 1/2" = 1'-0"



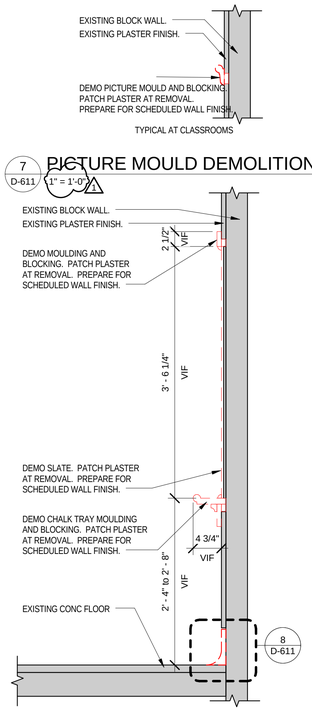
5 D-611 BOOKCASE DEMOLITION DETAIL
1" = 1'-0"



4 D-611 WARDROBE DEMOLITION DETAIL
1" = 1'-0"

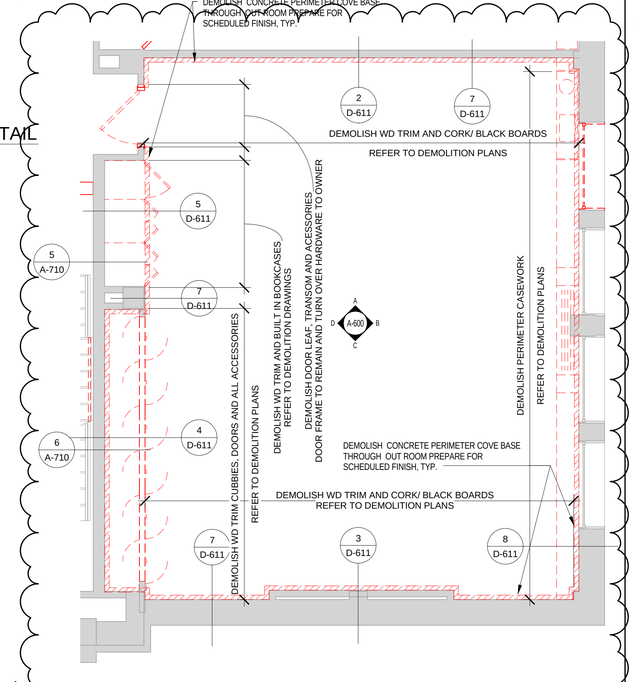


3 D-611 CORK BULLETIN DEMOLITION DETAIL
1" = 1'-0"



7 D-611 PICTURE MOULD DEMOLITION DETAIL
1" = 1'-0"

2 D-611 BLACK BOARD DEMOLITION DETAIL
1" = 1'-0"



1 D-611 TYPICAL ROOM DEMOLITION PLAN
1/4" = 1'-0"

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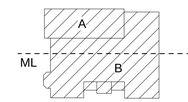
REGISTERED ARCHITECT CHRIS W. JERSEY 019000 STATE OF NEW YORK

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

N

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CHECKED BY	Checker

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DRAWING TITLE

TYPICAL DEMOLITION DETAILS AND ELEVATIONS

D-611

ISSUED FOR BIDDING

1 A-401 BASEMENT - RCP
3/32" = 1'-0"

RCP'S SYMBOLS LEGEND

SYMBOLS NOT TO SCALE. SEE E-DWGS & SCHEDULE.

- PENDANT MOUNTED CEILING FAN - ARCH./INTERIOR DESIGNER TO DETERMINE MOUNTING HEIGHT IN FIELD (REFER TO ELECTRICAL)
- LED RECESSED 2X2 TROFFER (REFER TO ELECTRICAL)
- SPECIALTY JUTE FIXTURE 2X2 (REFER TO ELECTRICAL)
- 4' SURFACE LED FIXTURE (REFER TO ELECTRICAL)
- RECESSED LED FIXTURE (REFER TO ELECTRICAL)
- LED PENDANT FIXTURE (REFER TO ELECTRICAL)
- LED PENDANT FIXTURE (REFER TO ELECTRICAL)
- 6" ROUND LED DOWN LIGHT (REFER TO ELECTRICAL)
- SPRINKLER HEAD (REFER TO FIRE PROTECTION)
- DIFFUSER AT ACT (REFER TO MECHANICAL)
- SECURITY CAMERA (REFER TO TECHNOLOGY)
- EMERGENCY SIGNAGE (REFER TO ELECTRICAL)

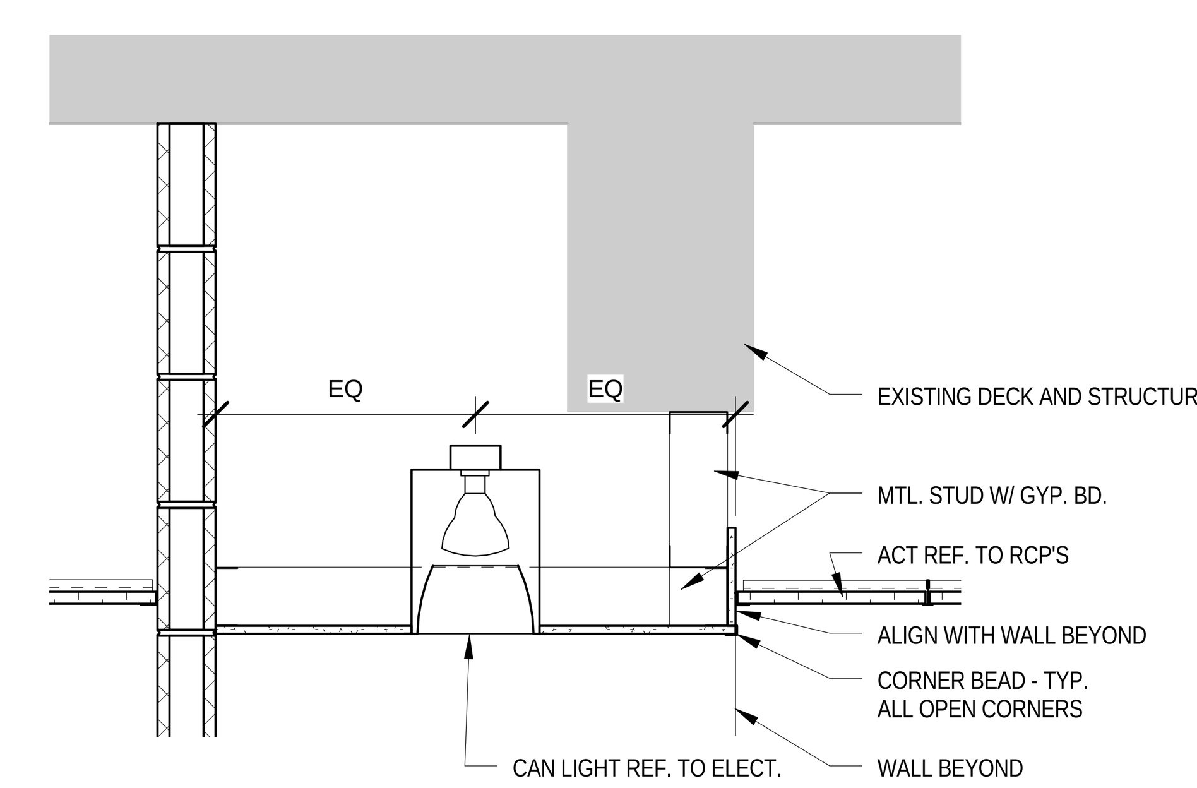
GENERAL RCP NOTES

1. REFER TO SHEET A-100 FOR WALL TYPES, MATERIAL LEGEND, SYMBOL LEGEND AND ABBREVIATIONS USED.
2. ALL LIGHT FIXTURES, SPRINKLER HEADS, GRILLES, DIFFUSERS, ETC. LOCATED WITHIN ACT CEILINGS SHALL BE CENTERED IN CEILING TILES.
3. ALL ACT CEILING GRID SHALL BE CENTERED WITHIN SPACES & LAYED OUT TO PREVENT THE CUTTING OF TILES TO ANY DIMENSION LESS THAN 4" (UNLESS OTHERWISE INDICATED).
4. IN AN EFFORT TO ENSURE THAT CEILING HEIGHTS INDICATED ON THESE DOCUMENTS ARE MAINTAINED, ALL SUB-CONTRACTORS ARE REQUIRED TO COORDINATE W/OTHER TRADES ON MOUNTING HEIGHTS OF ALL MEP ITEMS LOCATED ABOVE ACT CEILINGS PRIOR TO INSTALLATION OF ANY ITEMS. ANY WORK INSTALLED THAT WOULD PREVENT THE INSTALLATION OF THE CEILING AT THE HEIGHT INDICATED ON THESE DOCUMENTS SHALL BE REMOVED & REINSTALLED AS REQUIRED AT THE EXPENSE OF THE SUB-CONTRACTOR RESPONSIBLE FOR INSTALLING SAID WORK.
5. REFER TO U.L. FIRE RESISTANCE DIRECTORY FOR DETAILS ON FIRE RATED WALLS, COLUMNS ENCLOSURES, FLOOR/CEILING ASSEMBLIES & CEILING/ROOF ASSEMBLIES.
6. PROVIDE DRAFTSTOPPING AT THE TOP OF ALL CONCEALED WALL CAVITIES.
7. ALL STRUCTURE., MECH., ELEC., PLUMB. AND FIRE PROTECTION ELEMENTS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO OTHER SECTIONS OF THE DOCUMENTS AS APPROPRIATE FOR OTHER TRADES. WHERE DISCREPANCIES EXIST BETWEEN ARCH. DRAWINGS AND OTHER TRADES CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO PERFORMING ANY WORK RELATED TO SAID DISCREPANCY.
8. COORD. MECH COVERS, GRILLES, ETC. WITH MECH. DWG'S. COLORS TO BE SELECTED BY ARCHITECT FROM MANUFACTURES FULL RANGE, INCLUDING PREMIUM FINISHES/COLORS.
9. SPRINKLER HEADS LOCATED IN GWB CEILINGS TO BE CONCEALED TYPE HEADS.
10. REFER TO RM FINISH SCHEDULES FOR ALL INTERIOR FINISHES.
11. SPRINKLER HEADS TO BE LOCATED PER FIRE PROTECTION DWG'S UNLESS OTHERWISE NOTED.
12. ALL KEY PLANS ARE FOR REFERENCE ONLY.

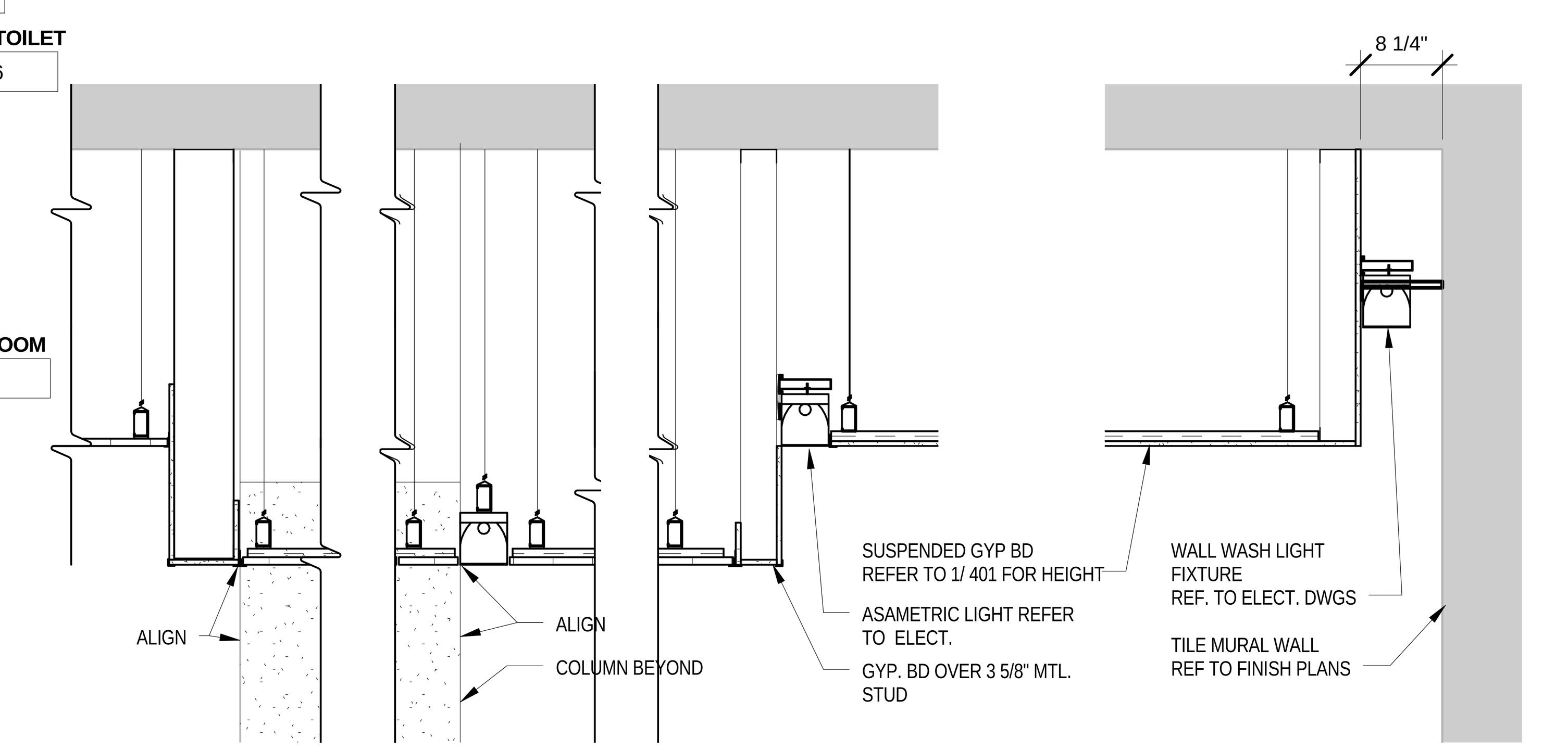
RCP'S MATERIALS LEGEND

ALL MATERIALS NOT NECESSARILY USED

- EXP - EXPOSED - EXIST TO REMAIN; PATCH & REPAIR PLASTER AS REQ'D - PAINT
- ACT 1 - 2'x2' ACOUSTICAL CEILING TILE
- GWB 1 - SUSPENDED GYPSUM WALL BOARD CEILING SYSTEM - PAINT
- ACT2 - 4" SUSPENDED OPEN GRID CEILING SYSTEM
- ACCENT - CONVEX CEILING PANEL



2 A-401 CEILING DETAIL AT CLASSROOM ENTRANCE.
1" = 1'-0"



3 A-401 CEILING DETAIL AT CAFETERIA
3/4" = 1'-0"

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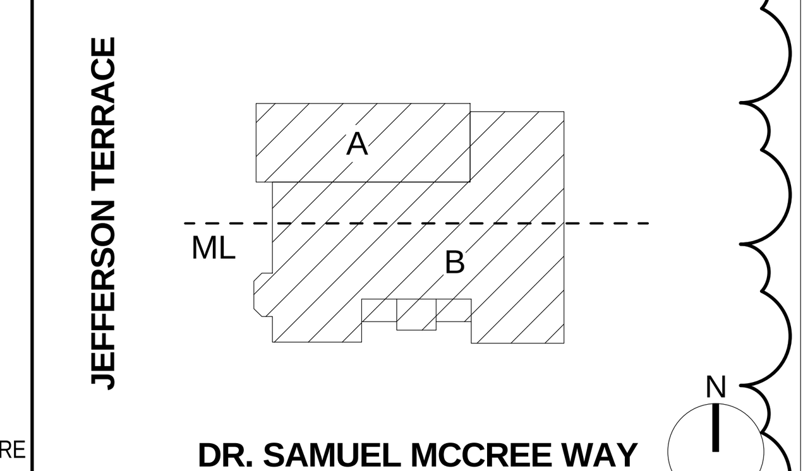

KEY PLAN

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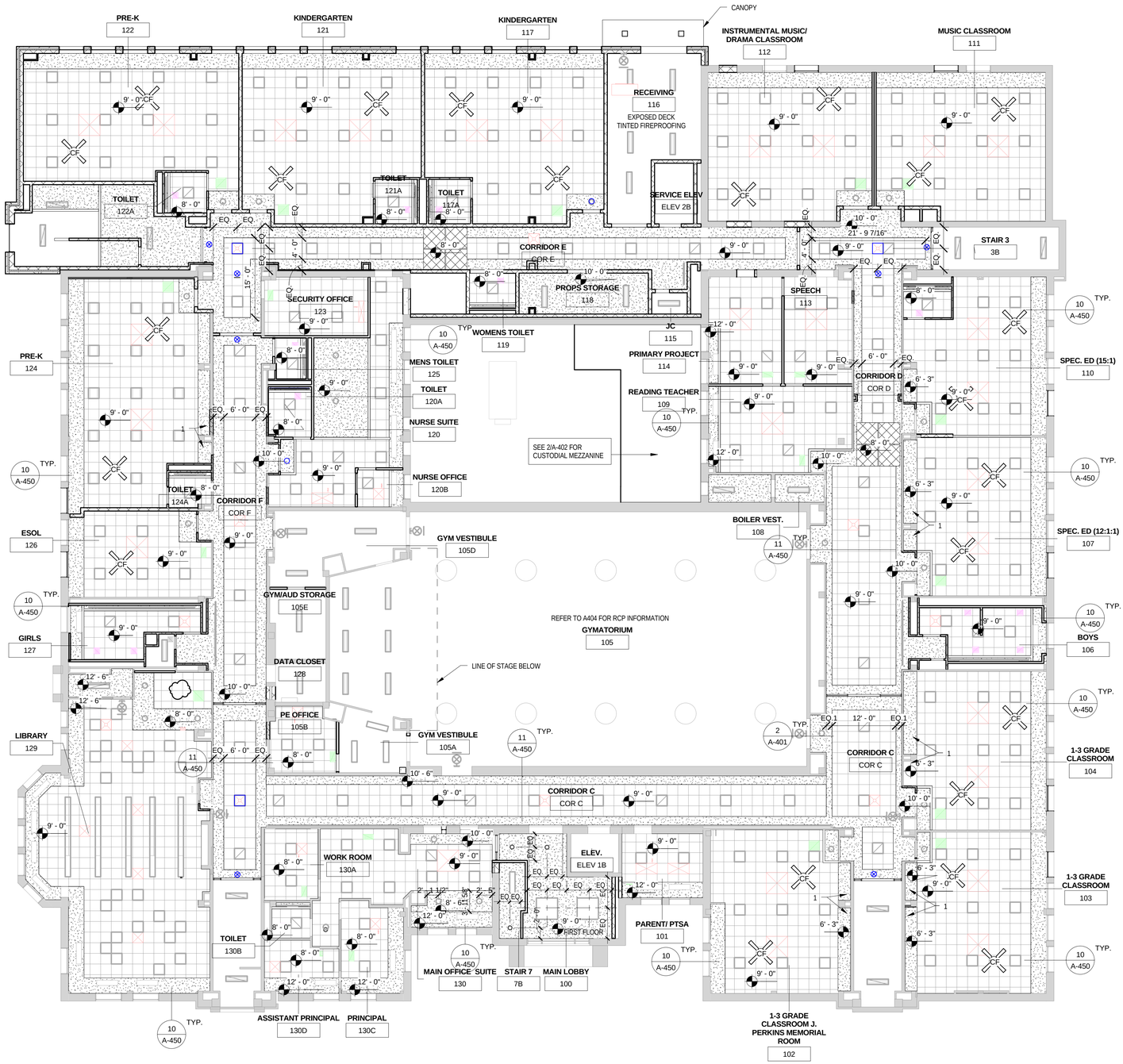
BASEMENT - REFLECTED CEILING PLAN

A-401

ISSUED FOR BIDDING

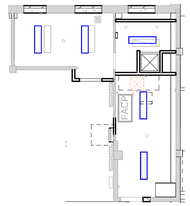


1 A-402 FIRST FLOOR- RCP
3/32" = 1'-0"

RCP'S SYMBOLS LEGEND

SYMBOLS NOT TO SCALE. SEE E-DWGS & SCHEDULE.

- PENDANT MOUNTED CEILING FAN - ARCH./INTERIOR DESIGNER TO DETERMINE MOUNTING HEIGHT IN FIELD (REFER TO ELECTRICAL)
- LED RECESSED 2X2 TROFFER (REFER TO ELECTRICAL)
- SPECIALTY JUTE FIXTURE 2X2 (REFER TO ELECTRICAL)
- 4' SURFACE LED FIXTURE (REFER TO ELECTRICAL)
- RECESSED LED FIXTURE (REFER TO ELECTRICAL)
- LED PENDANT FIXTURE (REFER TO ELECTRICAL)
- LED PENDANT FIXTURE (REFER TO ELECTRICAL)
- 6" ROUND LED DOWN LIGHT (REFER TO ELECTRICAL)
- SPRINKLER HEAD (REFER TO FIRE PROTECTION)
- DIFFUSER AT ACT (REFER TO MECHANICAL)
- SECURITY CAMERA (REFER TO TECHNOLOGY)
- EMERGENCY SIGNAGE (REFER TO ELECTRICAL)



2 A-402 CUSTODIAL MEZZ. - RCP
3/32" = 1'-0"

GENERAL RCP NOTES

1. REFER TO SHEET A-100 FOR WALL TYPES, MATERIAL LEGEND, SYMBOL LEGEND AND ABBREVIATIONS USED.
2. ALL LIGHT FIXTURES, SPRINKLER HEADS, GRILLES, DIFFUSERS, ETC. LOCATED WITHIN ACT CEILINGS SHALL BE CENTERED IN CEILING TILES.
3. ALL ACT CEILING GRID SHALL BE CENTERED WITHIN SPACES & LAYED OUT TO PREVENT THE CUTTING OF TILES TO ANY DIMENSION LESS THAN 4" (UNLESS OTHERWISE INDICATED).
4. IN AN EFFORT TO ENSURE THAT CEILING HEIGHTS INDICATED ON THESE DOCUMENTS ARE MAINTAINED, ALL SUB-CONTRACTORS ARE REQUIRED TO COORDINATE W/OTHER TRADES ON MOUNTING HEIGHTS OF ALL MEP ITEMS LOCATED ABOVE ACT CEILINGS PRIOR TO INSTALLATION OF ANY ITEMS. ANY WORK INSTALLED THAT WOULD PREVENT THE INSTALLATION OF THE CEILING AT THE HEIGHT INDICATED ON THESE DOCUMENTS SHALL BE REMOVED & REINSTALLED AS REQUIRED AT THE EXPENSE OF THE SUB-CONTRACTOR RESPONSIBLE FOR INSTALLING SAID WORK.
5. REFER TO U.L. FIRE RESISTANCE DIRECTORY FOR DETAILS ON FIRE RATED WALLS, COLUMNS ENCLOSURES, FLOOR/CEILING ASSEMBLIES & CEILING/ROOF ASSEMBLIES.
6. PROVIDE DRAFTSTOPPING AT THE TOP OF ALL CONCEALED WALL CAVITIES.
7. ALL STRUCTURE., MECH., ELEC., PLUMB. AND FIRE PROTECTION ELEMENTS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO OTHER SECTIONS OF THE DOCUMENTS AS APPROPRIATE FOR OTHER TRADES. WHERE DISCREPANCIES EXIST BETWEEN ARCH. DRAWINGS AND OTHER TRADES CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO PERFORMING ANY WORK RELATED TO SAID DISCREPANCY.
8. COORD. MECH COVERS, GRILLES, ETC. WITH MECH. DWG'S. COLORS TO BE SELECTED BY ARCHITECT FROM MANUFACTURES FULL RANGE, INCLUDING PREMIUM FINISHES/COLORS.
9. SPRINKLER HEADS LOCATED IN GWB CEILINGS TO BE CONCEALED TYPE HEADS.
10. REFER TO RM FINISH SCHEDULES FOR ALL INTERIOR FINISHES.
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12. ALL KEY PLANS ARE FOR REFERENCE ONLY.

RCP'S MATERIALS LEGEND

ALL MATERIALS NOT NECESSARILY USED

- EXP - EXPOSED - EXIST TO REMAIN; PATCH & REPAIR PLASTER AS REQ'D - PAINT
- ACT 1 - 2'x2' ACOUSTICAL CEILING TILE
- GWB 1 - SUSPENDED GYPSUM WALL BOARD CEILING SYSTEM - PAINT
- ACT2 - 4" SUSPENDED OPEN GRID CEILING SYSTEM
- ACCENT - CONVEX CEILING PANEL

RCP'S KEY NOTES

1. LAMINATE GYPSUM BOARD OVER EXISTING PLASTER SOFFIT- PAINT REFER TO FINISH PLANS

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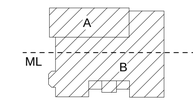
REGISTERED ARCHITECT GREG W. JERSEY 019001 STATE OF NEW YORK

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

N

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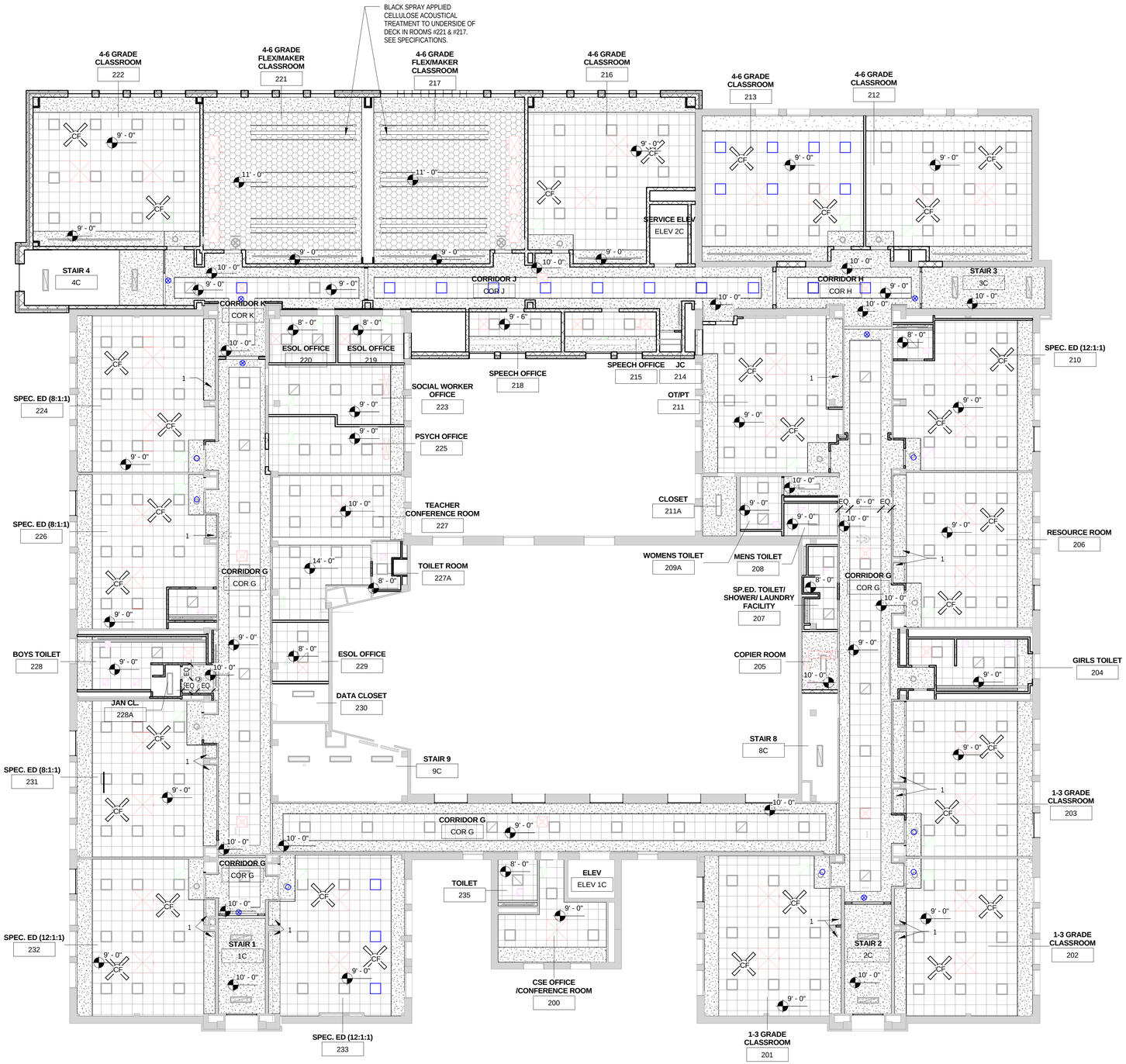
DRAWING TITLE

FIRST FLOOR - REFLECTED CEILING PLAN

A-402

ISSUED FOR BIDDING

1



1 A-403 SECOND FLOOR- RCP

3/32" = 1'-0"

RCP'S SYMBOLS LEGEND

SYMBOLS NOT TO SCALE. SEE E-DWGS & SCHEDULE.

- PENDANT MOUNTED CEILING FAN - ARCH./INTERIOR DESIGNER TO DETERMINE MOUNTING HEIGHT IN FIELD (REFER TO ELECTRICAL)
- LED RECESSED 2X2 TROFFER (REFER TO ELECTRICAL)
- SPECIALTY JUTE FIXTURE 2X2 (REFER TO ELECTRICAL)
- 4' SURFACE LED FIXTURE (REFER TO ELECTRICAL)
- RECESSED LED FIXTURE (REFER TO ELECTRICAL)
- LED PENDANT FIXTURE (REFER TO ELECTRICAL)
- LED PENDANT FIXTURE (REFER TO ELECTRICAL)
- 6" ROUND LED DOWN LIGHT (REFER TO ELECTRICAL)
- SPRINKLER HEAD (REFER TO FIRE PROTECTION)
- DIFFUSER AT ACT (REFER TO MECHANICAL)
- SECURITY CAMERA (REFER TO TECHNOLOGY)
- EMERGENCY SIGNAGE (REFER TO ELECTRICAL)

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5. REFER TO U.L. FIRE RESISTANCE DIRECTORY FOR DETAILS ON FIRE RATED WALLS, COLUMNS ENCLOSURES, FLOOR/CEILING ASSEMBLIES & CEILING/ROOF ASSEMBLIES.
6. PROVIDE DRAFTSTOPPING AT THE TOP OF ALL CONCEALED WALL CAVITIES.
7. ALL STRUCTURE., MECH., ELEC., PLUMB. AND FIRE PROTECTION ELEMENTS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO OTHER SECTIONS OF THE DOCUMENTS AS APPROPRIATE FOR OTHER TRADES. WHERE DISCREPANCIES EXIST BETWEEN ARCH. DRAWINGS AND OTHER TRADES CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO PERFORMING ANY WORK RELATED TO SAID DISCREPANCY.
8. COORD. MECH COVERS, GRILLES, ETC. WITH MECH. DWG'S. COLORS TO BE SELECTED BY ARCHITECT FROM MANUFACTURES FULL RANGE, INCLUDING PREMIUM FINISHES/COLORS.
9. SPRINKLER HEADS LOCATED IN GWB CEILINGS TO BE CONCEALED TYPE HEADS.
10. REFER TO RM FINISH SCHEDULES FOR ALL INTERIOR FINISHES.
11. SPRINKLER HEADS TO BE LOCATED PER FIRE PROTECTION DWG'S UNLESS OTHERWISE NOTED.
12. ALL KEY PLANS ARE FOR REFERENCE ONLY.

RCP'S MATERIALS LEGEND

ALL MATERIALS NOT NECESSARILY USED

- EXP - EXPOSED - EXIST TO REMAIN; PATCH & REPAIR PLASTER AS REQ'D - PAINT
- ACT 1 - 2'x2' ACOUSTICAL CEILING TILE
- GWB 1 - SUSPENDED GYPSUM WALL BOARD CEILING SYSTEM - PAINT
- ACT2 - 4" SUSPENDED OPEN GRID CEILING SYSTEM
- ACCENT - CONVEX CEILING PANEL

RCP'S KEY NOTES

1. LAMINATE GYPSUM BOARD OVER EXISTING PLASTER SOFFIT- PAINT REFER TO FINISH PLANS

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JEFFERSON TERRACE

DR. SAMUEL MCCREE WAY

KEY PLAN

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DWT SED #
26-16-00-01-7-999-020

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SECOND FLOOR - REFLECTED CEILING PLAN

A-403

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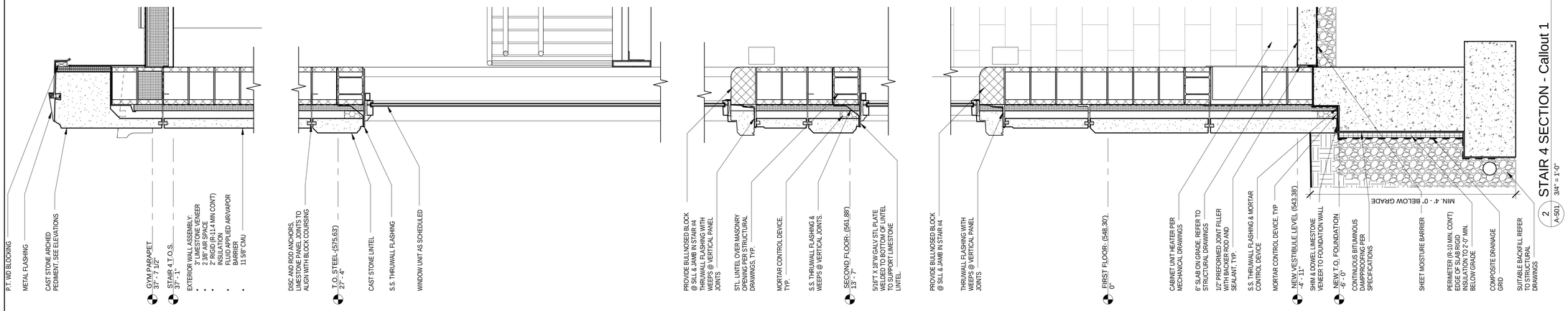

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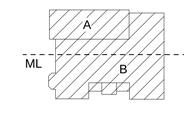

DR. SAMUEL MCCREE WAY

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KEY PLAN

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WALL SECTIONS

A-501

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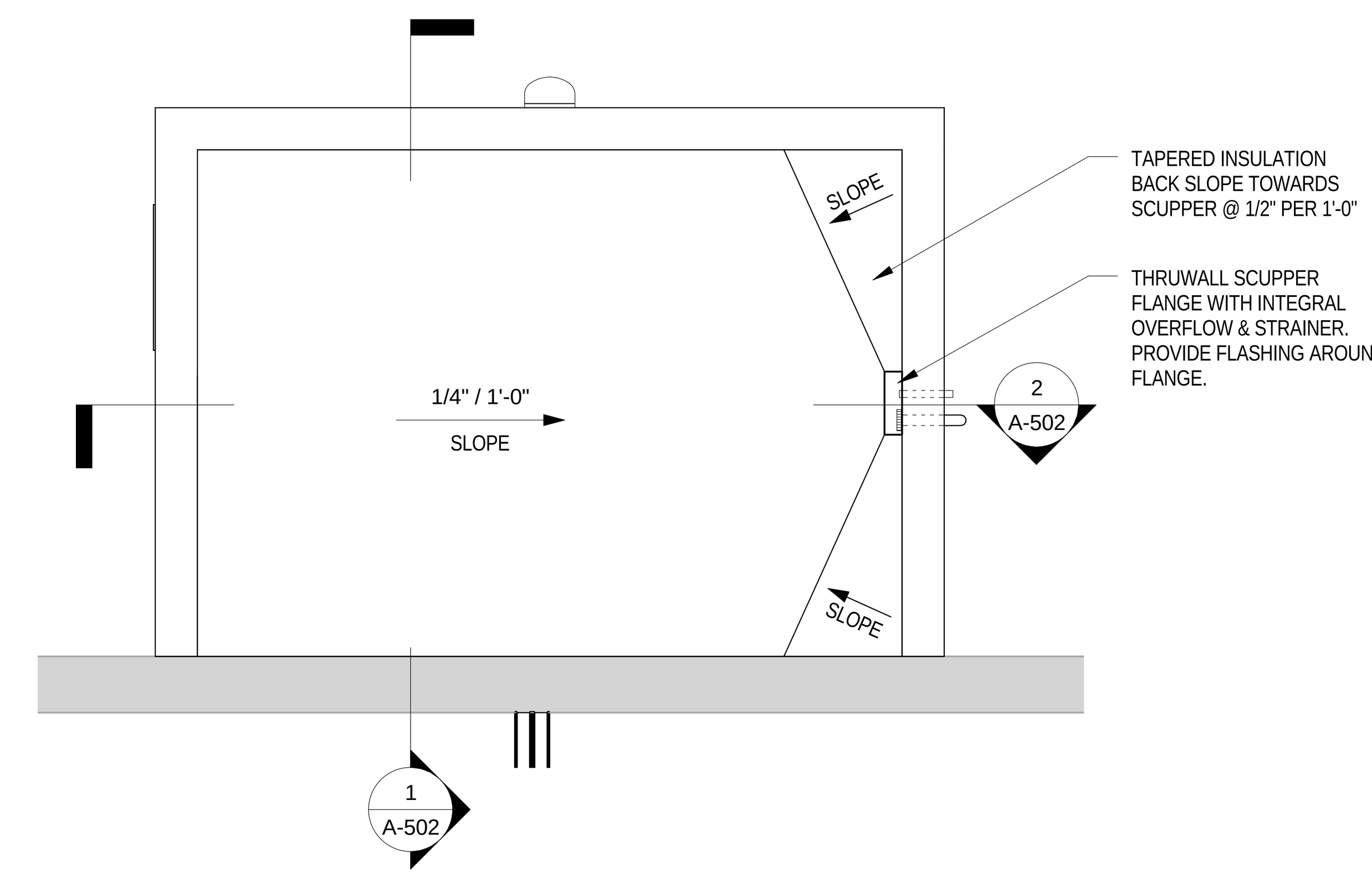
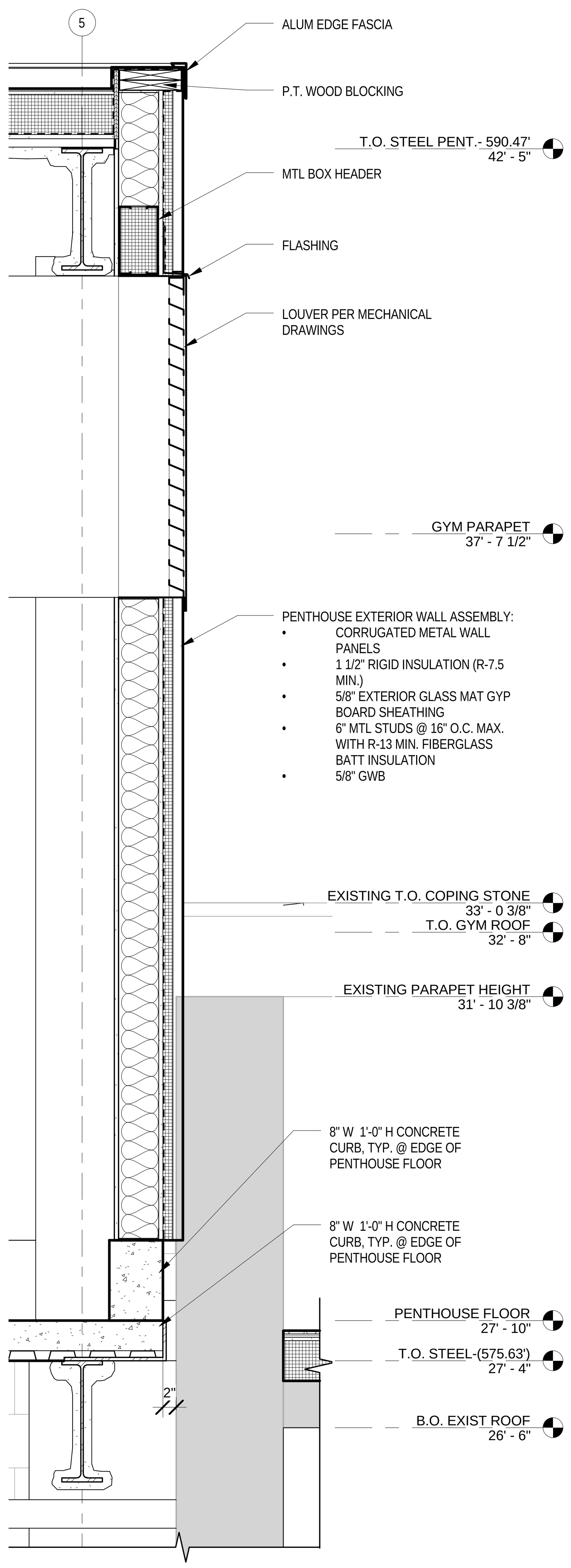
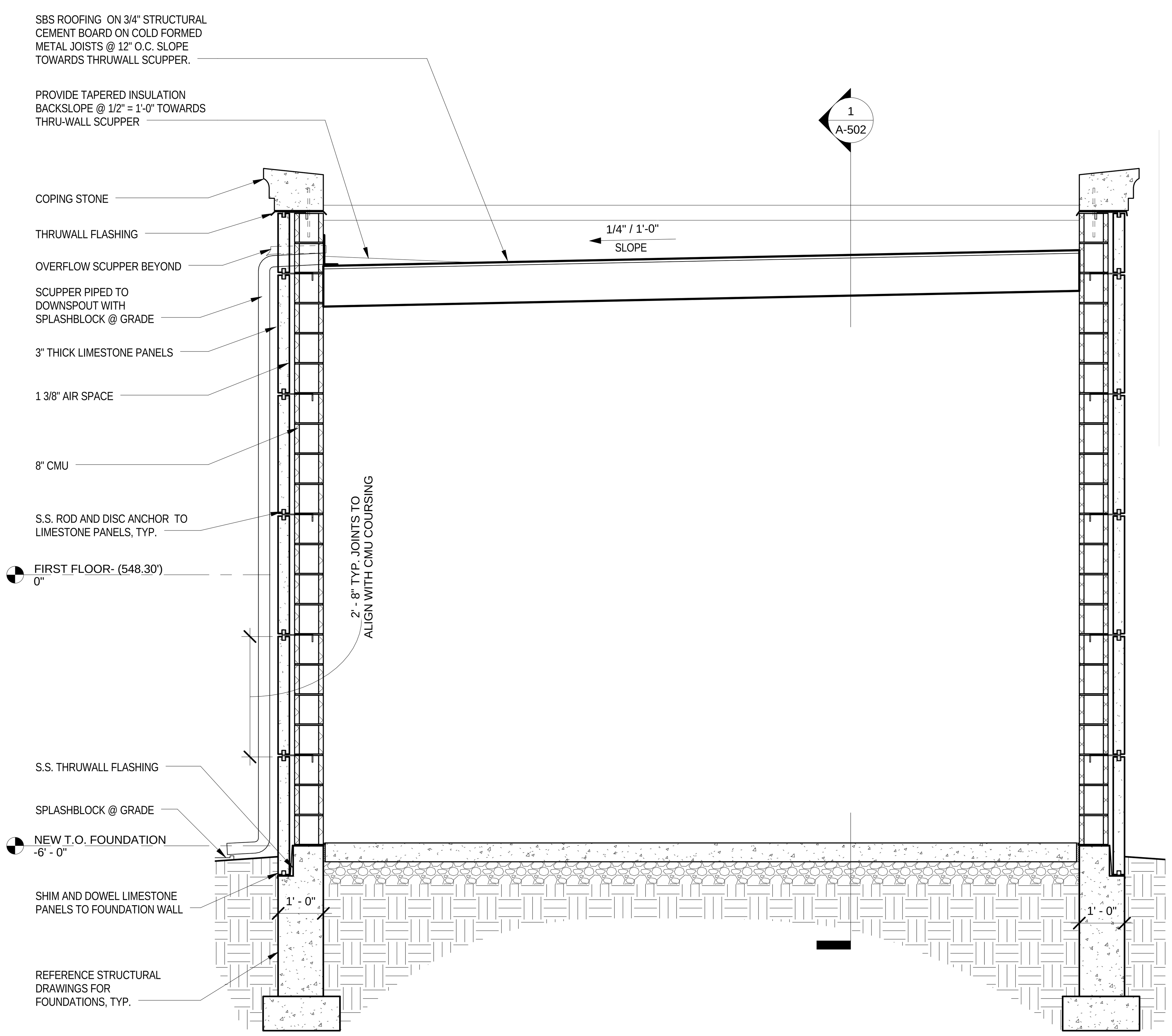
1



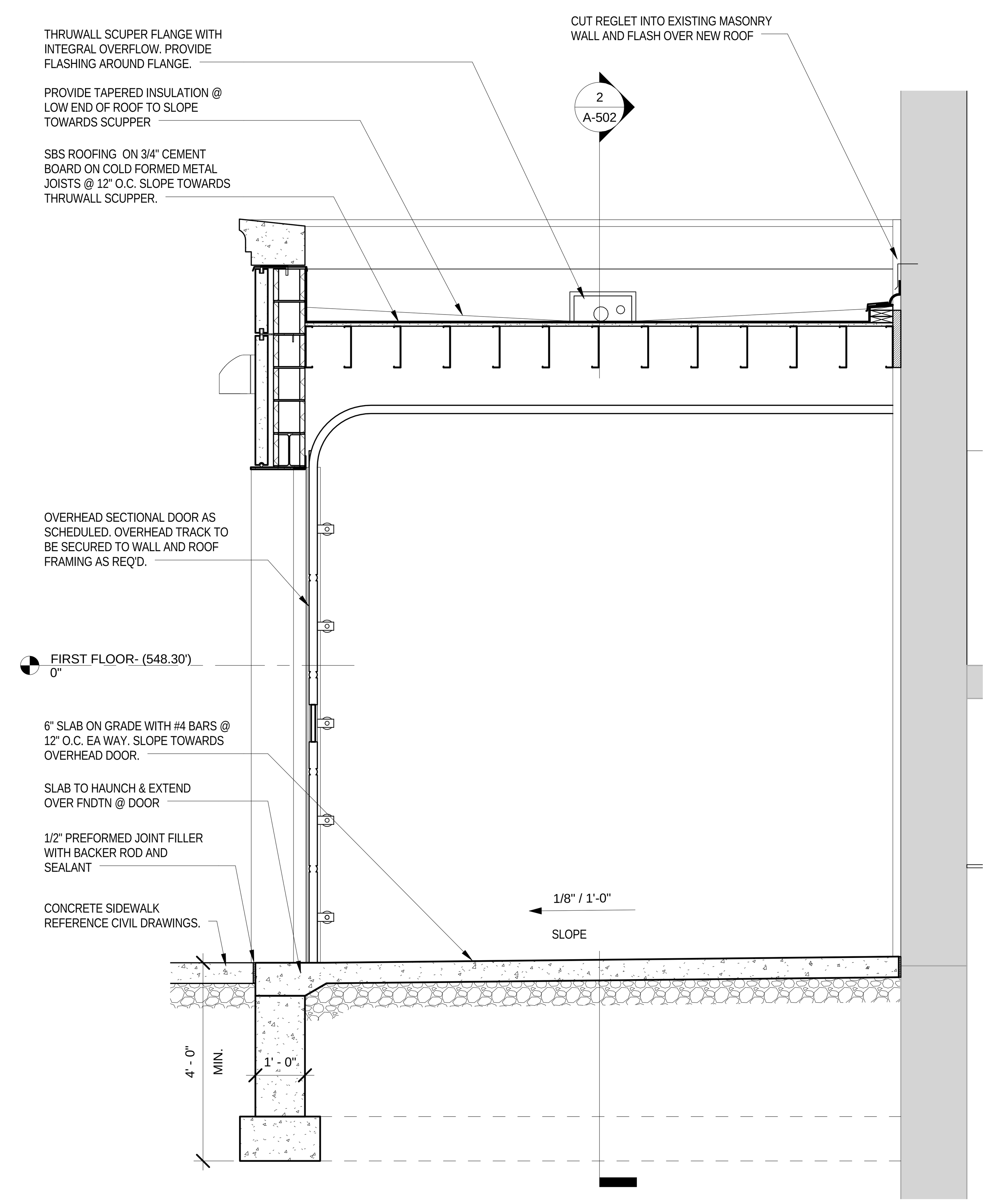
4 A-502 OUTDOOR STORAGE ROOF PLAN
1/4" = 1'-0"



3 A-502 WALL SECTION
3/4" = 1'-0"



2 A-502 SECTION AT OUTDOOR STORAGE
1/2" = 1'-0"



1 A-502 SECTION AT OUTDOOR STORAGE
1/2" = 1'-0"

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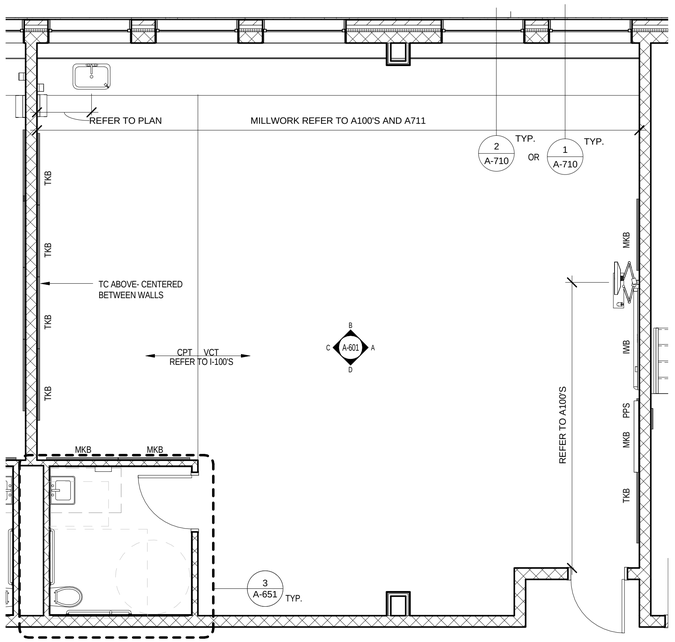
WALL SECTIONS

A-502

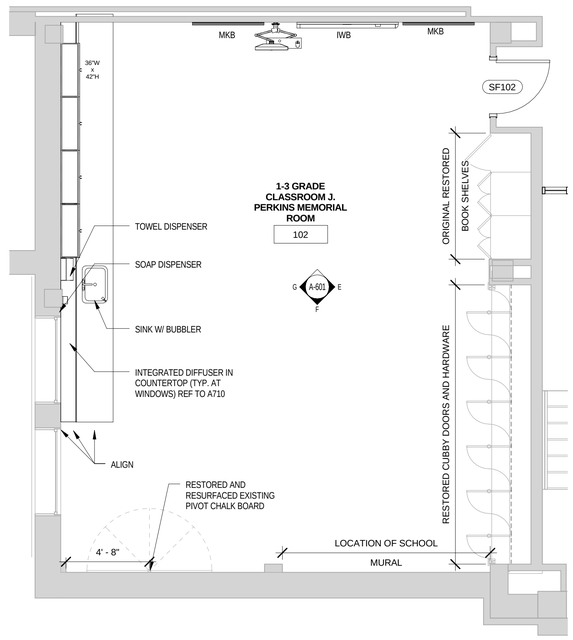
ISSUED FOR BIDDING

1



1 A-601 TYPICAL KINDERGARTEN CLASSROOM PLAN

1/4" = 1'-0"



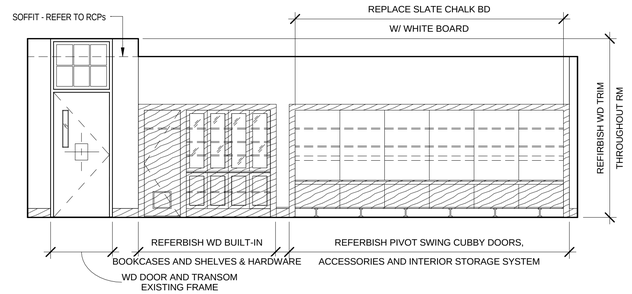
2 A-601 JAMES PERKINS MEMORIAL CLASSROOM

1/4" = 1'-0"

A600'S GENERAL NOTES	
1.	REFER TO FINISH PLANS FOR ALL FINISHES
2.	REFER TO A100'S FOR NON TYPICAL CLASSROOM DIFFERENCES
3.	REFER TO DOOR SCHEDULE FOR DOOR AND HARDWARE INFORMATION
4.	SEE A-600 FOR TYPICAL MOUNTING HEIGHTS

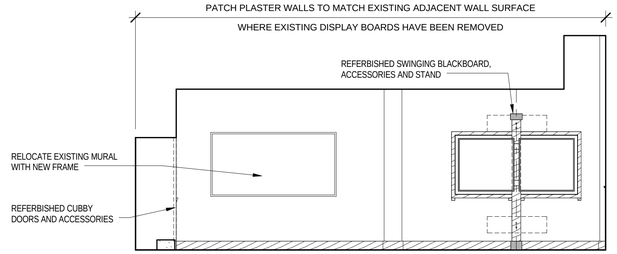
STUDENT ROOM FEATURES (REFER TO A600 FOR TYPICAL DETAILS)	
TAG	EQUIPMENT
TC	TIME CLOCK
MRK	MARKER BOARD ON STANDARDS 4'X4'
MRKS	MARKER BOARD WITH STAFF LINES ON STANDARDS 4'X4'
TKB	TACK BOARD ON STANDARDS 4'X4'
FH	FLAG HOLDER
IWB	INTERACTIVE WHITE BOARD- TBD
PPS	PULL DOWN PROJECTOR SCREEN

-ADDITIONAL FEATURES (TAG*)



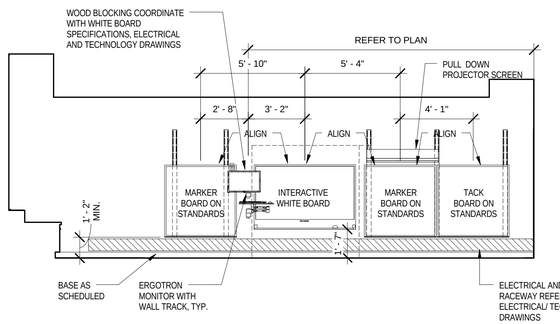
E A-601 J. PERKINS CUBBY ELEVATION

1/4" = 1'-0"



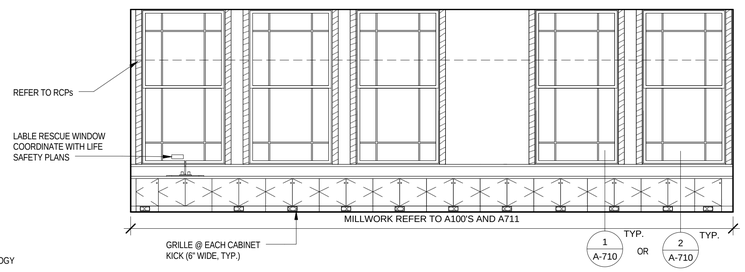
F A-601 J. PERKINS ROOM BACK ELEVATION

1/4" = 1'-0"



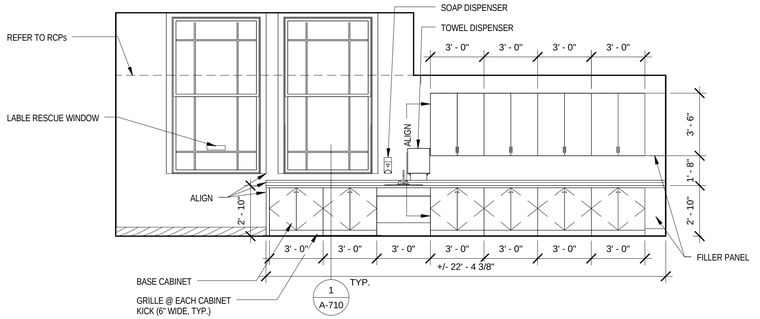
A A-601 TYPICAL KG/ PRE-K ROOM TEACHING ELEVATION

1/4" = 1'-0"



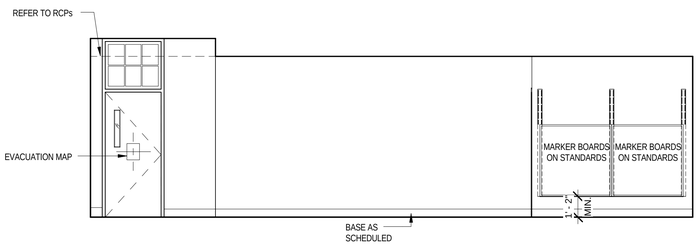
B A-601 TYPICAL KG/ PRE-K ROOM MILLWORK ELEVATION

1/4" = 1'-0"



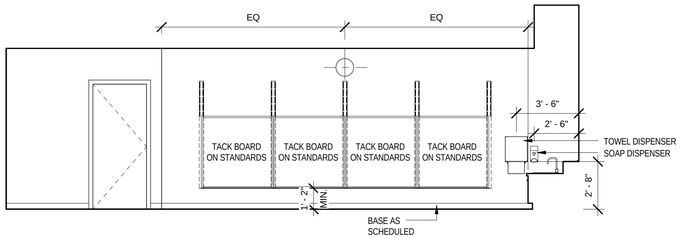
G A-601 J.PERKINS MILLWORK ELEVATION

1/4" = 1'-0"



D A-601 TYPICAL KG / PRE-K ROOM ELEVATION

1/4" = 1'-0"



C A-601 TYPICAL KG/ PRE-K BACK OF ROOM ELVATION

1/4" = 1'-0"

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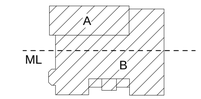

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TYP. K/PRE K RM. & RESTORATION RM. PLANS & ELEVATIONS

A-601

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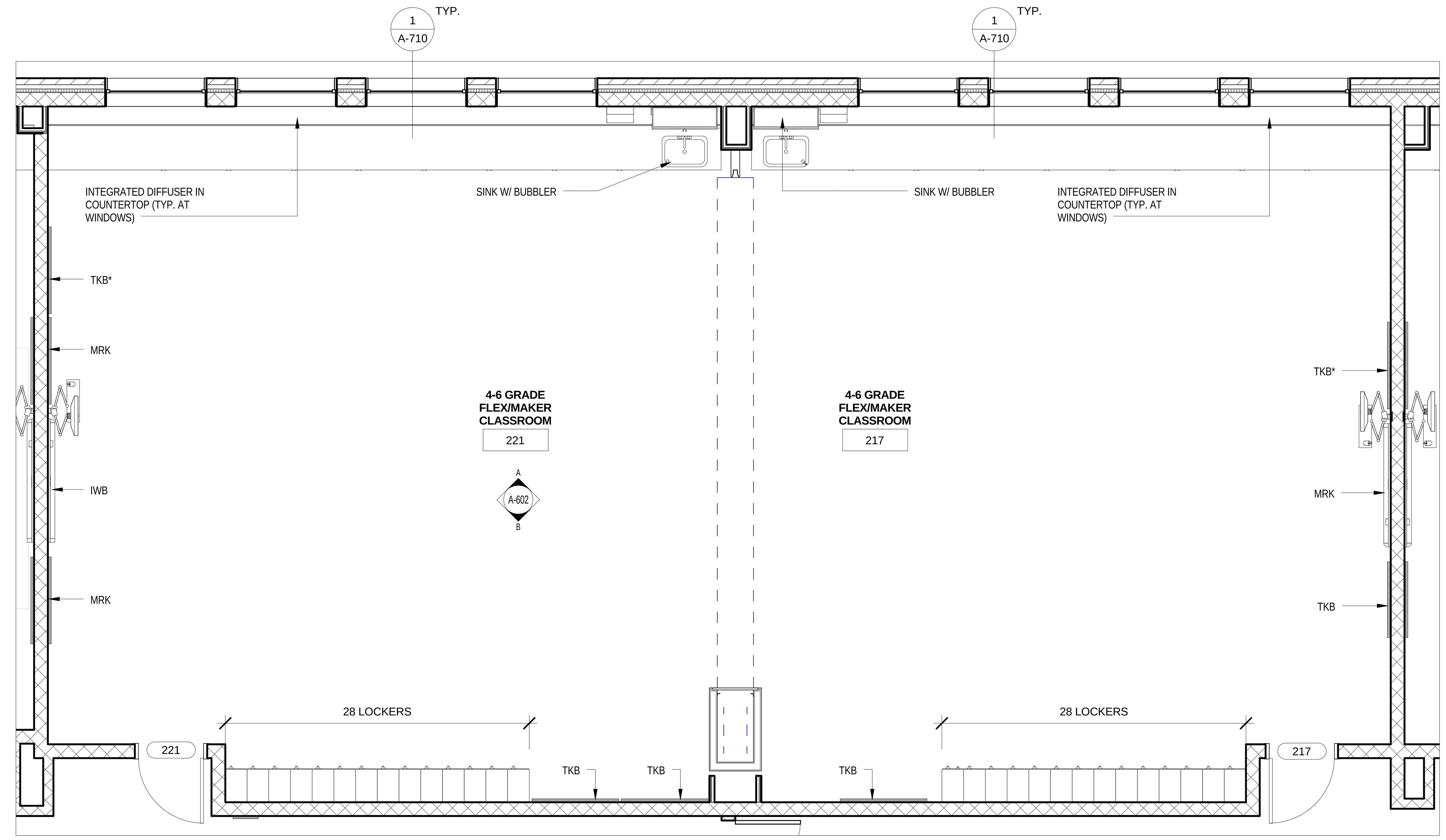
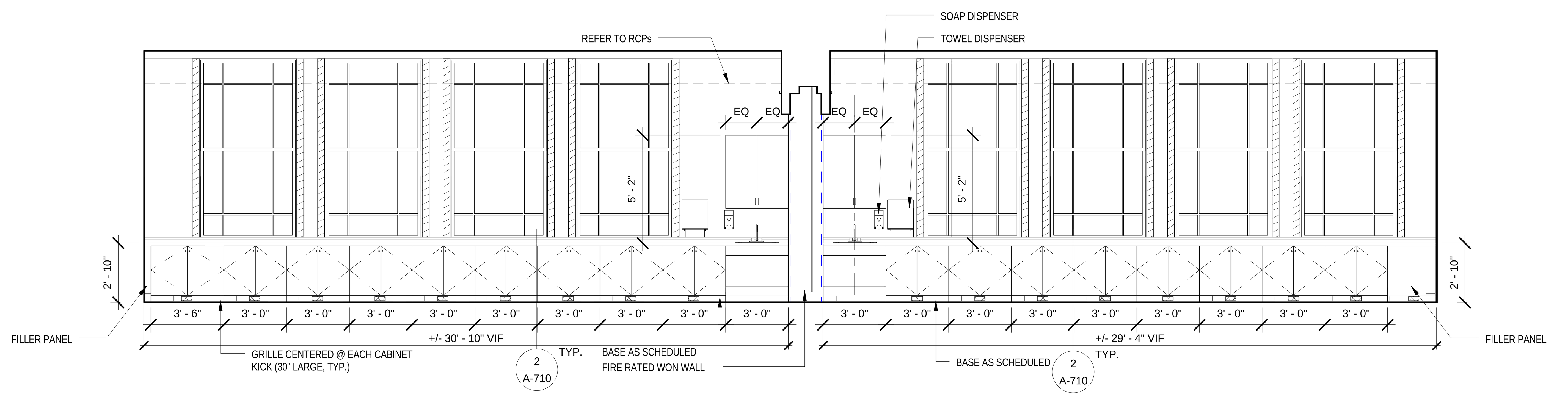
1



1
A-602

MAKERSPACE CLASSROOM PLAN

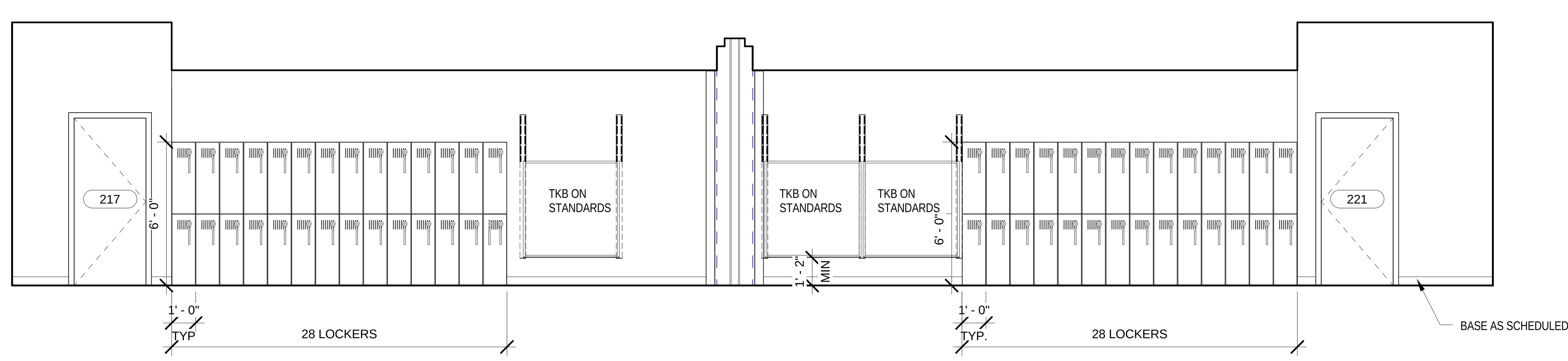
1/4" = 1'-0"



A
A-602

MAKERSPACE WINDOW WALL ELEVATION

1/4" = 1'-0"



B
A-602

MARKERSPACE CUBBY WALL ELEVATION

1/4" = 1'-0"

A600'S GENERAL NOTES

1. REFER TO FINISH PLANS FOR ALL FINISHES
2. REFER TO A100'S FOR NON TYPICAL CLASSROOM DIFFERENCES
3. REFER TO DOOR SCHEDULE FOR DOOR AND HARDWARE INFORMATION
4. SEE A-600 FOR TYPICAL MOUNTING HEIGHTS

STUDENT ROOM FEATURES (REFER TO A600 FOR TYPICAL DETAILS)

TAG	EQUIPMENT
TC	TIME CLOCK
MRK	MARKER BOARD ON STANDARDS 4'X4'
MRKS	MARKER BOARD WITH STAFF LINES ON STANDARDS 4'X4'
TKB	TACK BOARD ON STANDARDS 4'X4'
FH	FLAG HOLDER
IWB	INTERACTIVE WHITE BOARD- TBD
PPS	PULL DOWN PROJECTOR SCREEN

-ADDITIONAL FEATURES (TAG*)

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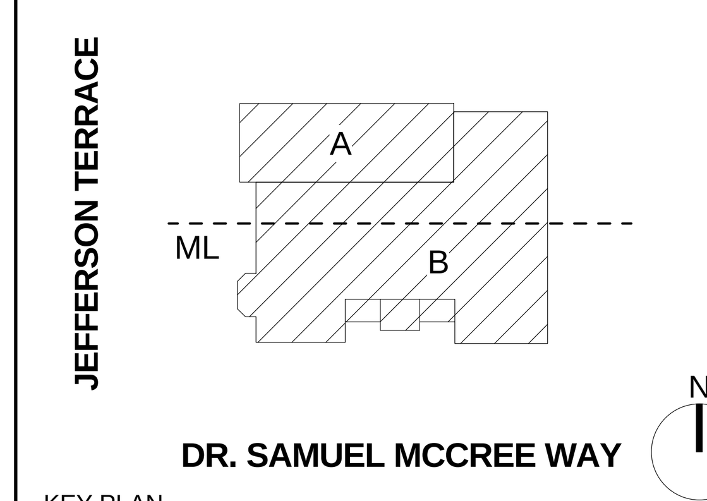

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MAKERSPACE CLASSROOM PLANS AND ELEVATIONS

A-602

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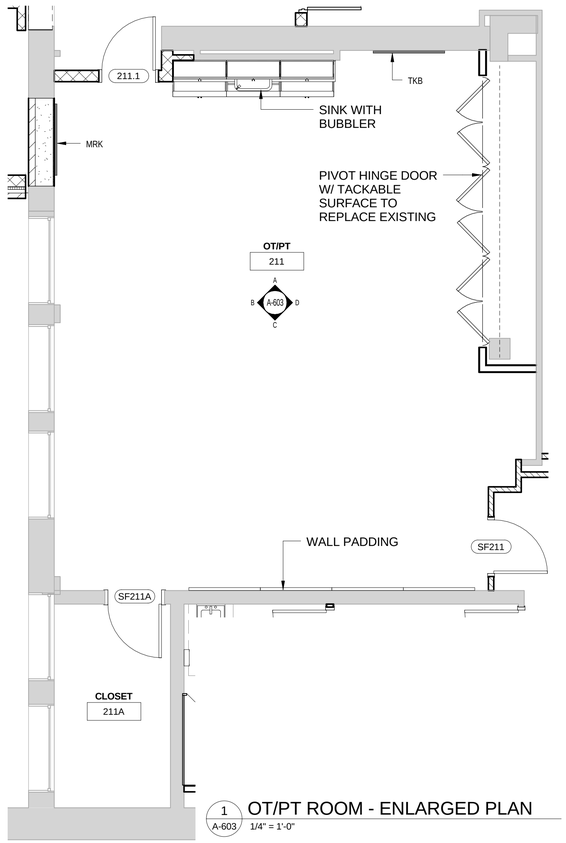
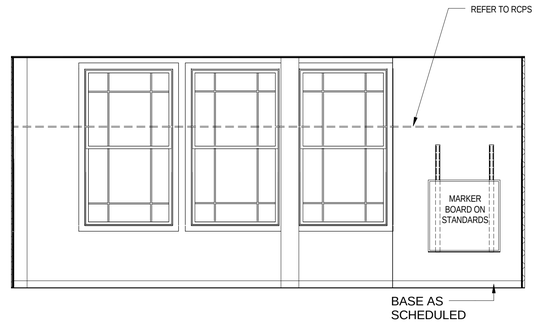
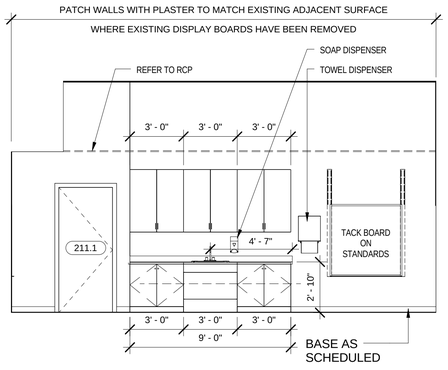
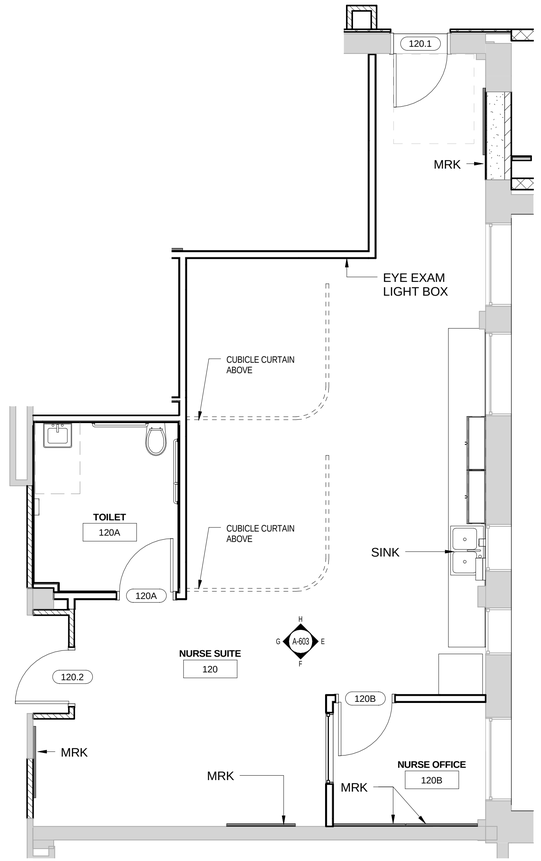


1 A-603 OT/PT ROOM - ENLARGED PLAN
1/4" = 1'-0"



B A-603 OT/PT - WINDOW WALL ELEVATION
1/4" = 1'-0"





2 A-603 NURSES SUITE - ENLARGED PLAN
1/4" = 1'-0"

A600'S GENERAL NOTES	
1.	REFER TO FINISH PLANS FOR ALL FINISHES
2.	REFER TO A100'S FOR NON TYPICAL CLASSROOM DIFFERENCES
3.	REFER TO DOOR SCHEDULE FOR DOOR AND HARDWARE INFORMATION
4.	SEE A-600 FOR TYPICAL MOUNTING HEIGHTS

STUDENT ROOM FEATURES (REFER TO A600 FOR TYPICAL DETAILS)	
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TC	TIME CLOCK
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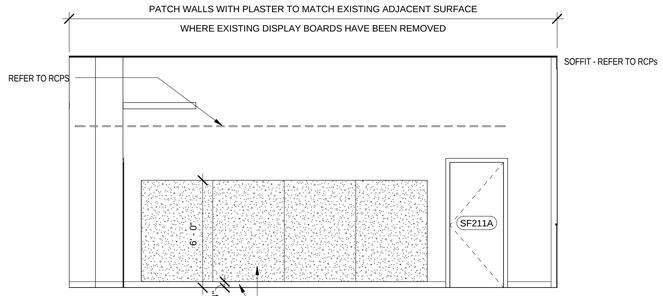
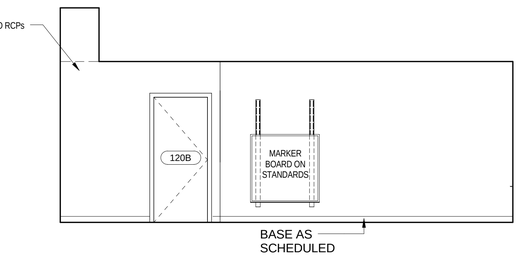
MRKS	MARKER BOARD WITH STAFF LINES ON STANDARDS 4'X4'
TKB	TACK BOARD ON STANDARDS 4'X4'
FH	FLAG HOLDER
IWB	INTERACTIVE WHITE BOARD- TBD
PPS	PULL DOWN PROJECTOR SCREEN
-ADDITIONAL FEATURES (TAG*)	

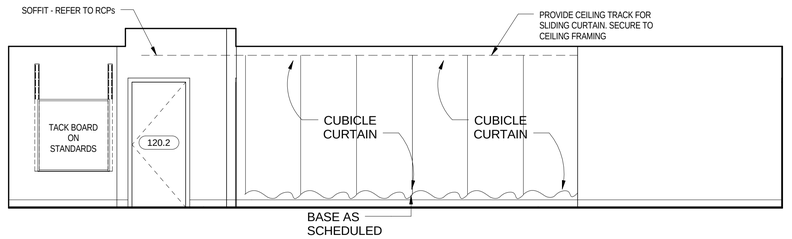


C A-603 OT/PT - TEACHING WALL ELEVATION
1/4" = 1'-0"

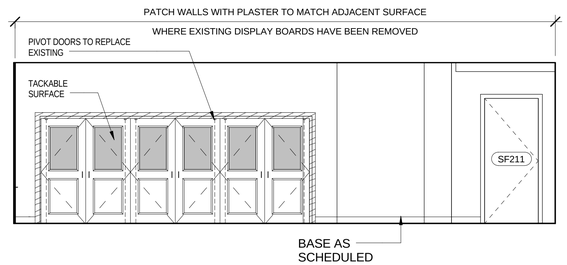


A A-603 OT/PT- CASEWORK ELEVATION
1/4" = 1'-0"

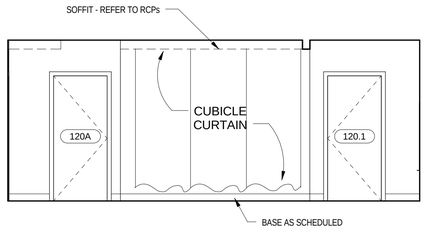
F A-603 NURSES SUITE - OFFICE DOOR ELEVATION
1/4" = 1'-0"



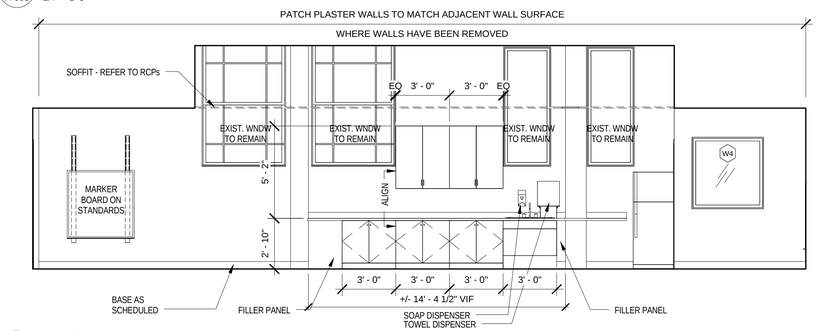
G A-603 NURSES SUITE - CUBICLE ELEVATION 1
1/4" = 1'-0"



D A-603 OT/PT- PIVOT DOOR ELEVATION
1/4" = 1'-0"



H A-603 NURSES SUITE - CUBICLE ELEVATION 2
1/4" = 1'-0"



E A-603 NURSES SUITE - CASEWORK ELEVATION
1/4" = 1'-0"

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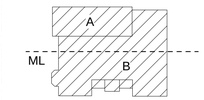
JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

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OT/PT & NURSES SUITE PLANS AND SECTIONS

A-603

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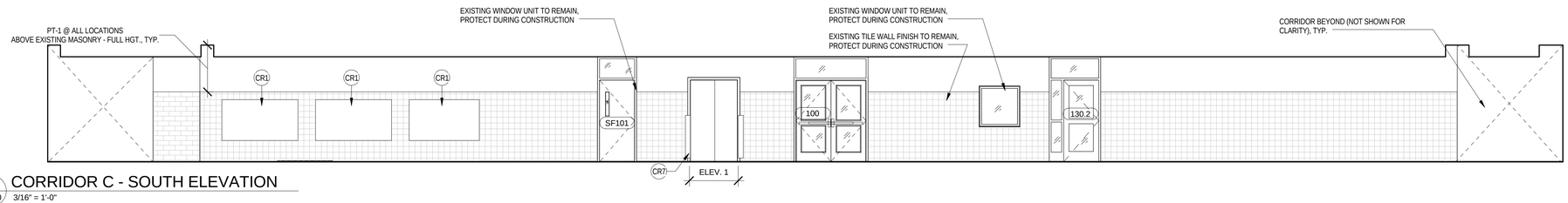
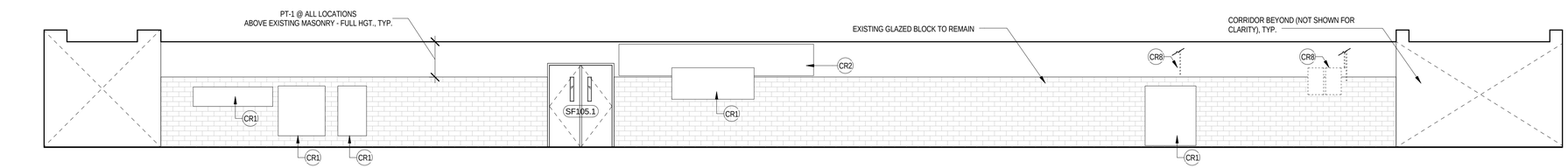
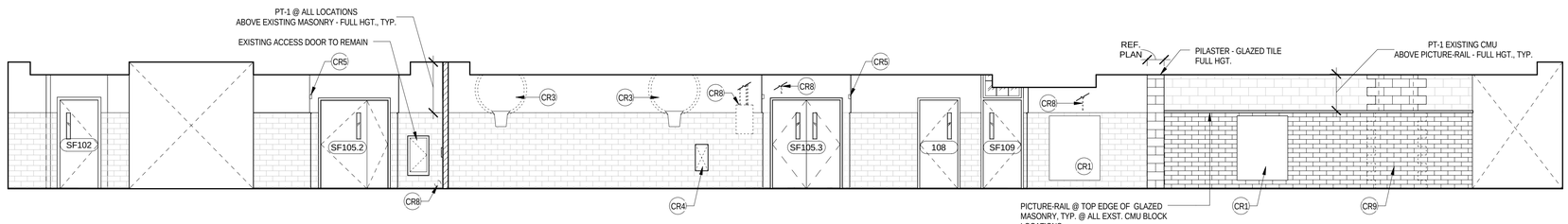


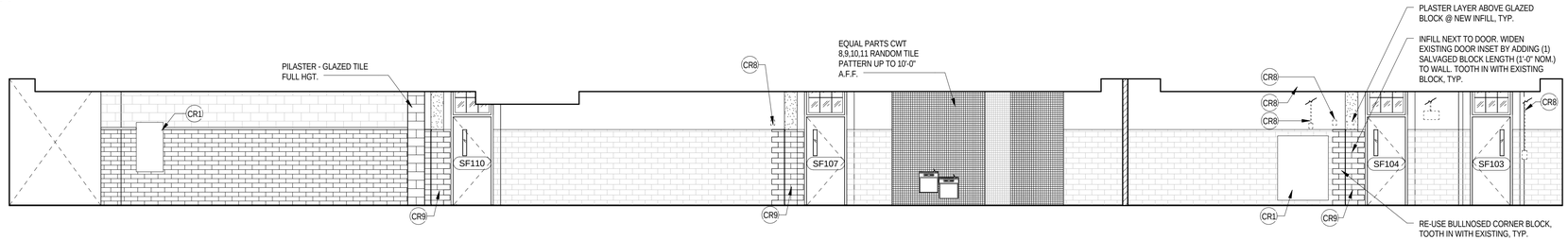
1 CORRIDOR C - SOUTH ELEVATION
A-620 3/16" = 1'-0"



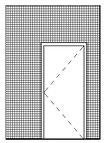
2 CORRIDOR C - NORTH ELEVATION
A-620 3/16" = 1'-0"



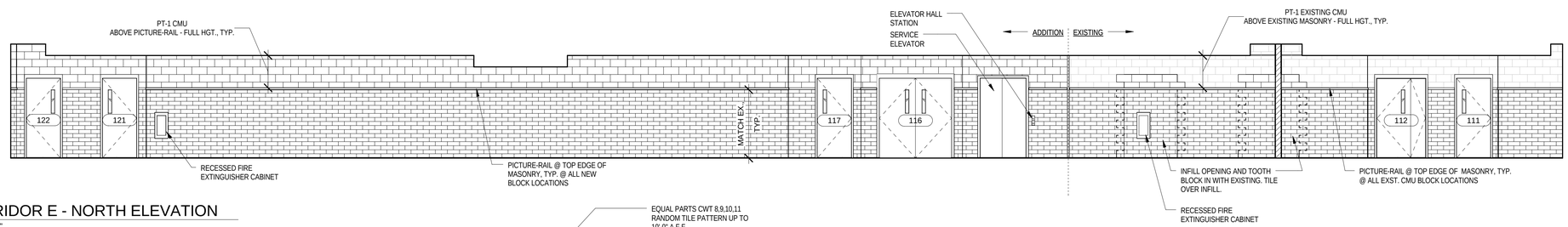
3 CORRIDOR D - WEST ELEVATION
A-620 3/16" = 1'-0"



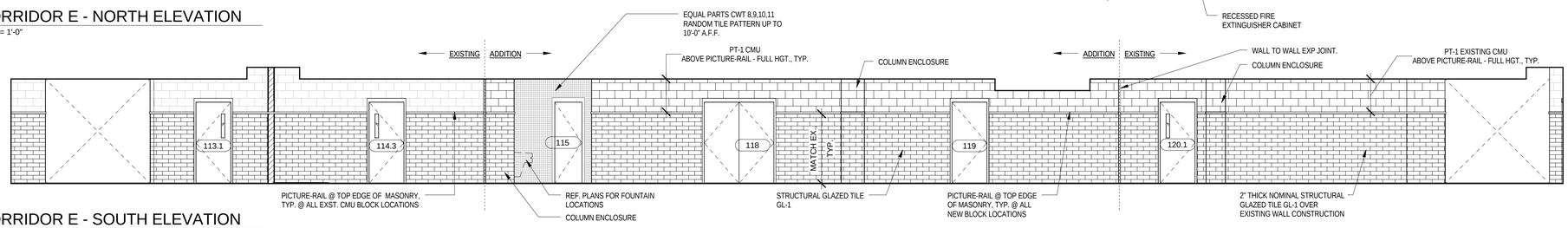
4 CORRIDOR D - EAST ELEVATION
A-620 3/16" = 1'-0"



7 CORRIDOR D - ELEV.
A-620 3/16" = 1'-0"



5 CORRIDOR E - NORTH ELEVATION
A-620 3/16" = 1'-0"



6 CORRIDOR E - SOUTH ELEVATION
A-620 3/16" = 1'-0"

MATERIAL LEGEND

ALL MATERIALS NOT NECESSARILY USED

- EXISTING GLAZED MASONRY
- EXISTING TILE
- EXISTING CMU
- MASONRY - FINISH AS NOTED
- 2"X2" TILE

FINISH NOTES:

PT-1 PAINT

GENERAL NOTES:

1. REFERENCE SHEET A-100 FOR KEYNOTES.
2. ALL FINISH NOTES ON ELEVATIONS ARE INDICATIVE OF ALL SIMILAR CONDITIONS.
3. INSTALL CHAIR RAIL @ LOCATIONS NOTED; TYP. AT ALL EXISTING 8X8X16 AND NEW 8X8X16 CMU WALLS. INSTALL @ HEIGHT TO ALIGN WITH EXISTING, ADJACENT GLAZED TILE HEIGHT.
4. REFERENCE DOOR AND FRAME SCHEDULE/ DETAILS FOR ALL DOOR AND FRAME RELATED INFORMATION.

(#) CORRIDOR KEYNOTES

CR1	EXISTING CASEWORK/MILLWORK AND/OR DISPLAY CASE TO REMAIN. PROTECT IN PLACE.
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CR5	EXISTING MAGNETIC DOOR HOLD OPENS TO BE REPLACED.
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CR8	EXISTING FIRE ALARM EQUIPMENT AND SURFACE MOUNTED CONDUIT- REFER TO ELECTRICAL DRAWINGS FOR DETAILS; REPAIR AND PATCH TO MATCH ADJACENT FINISH.
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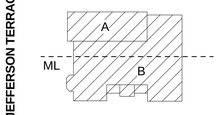
ROCHESTER CITY SCHOOL DISTRICT

REGISTERED ARCHITECT CHRISTOPHER W. JERSEY 019001 STATE OF NEW YORK

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

N

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program -Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	BID ADDENDA #1	04/25/18

JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	ETC
CHECKED BY	LM

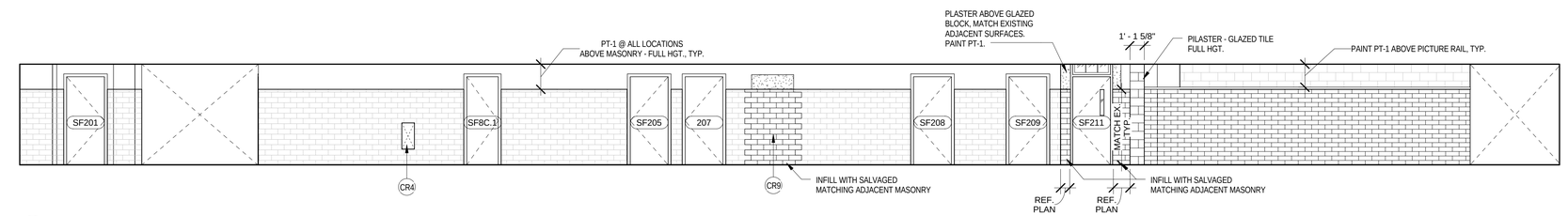
DRAWING TITLE

CORRIDOR ELEVATIONS

A-620

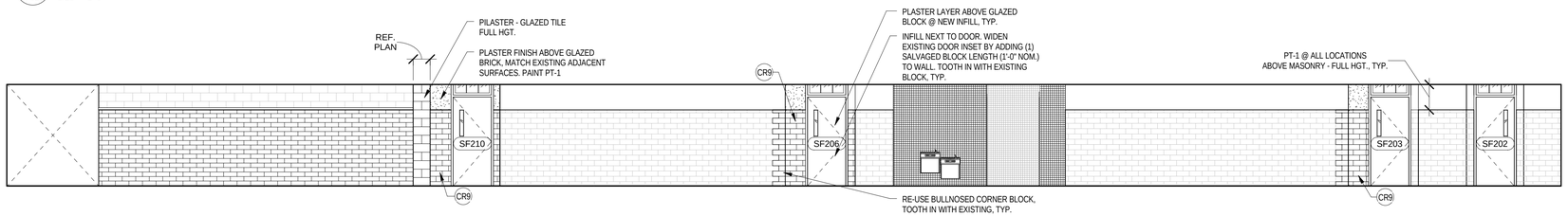
ISSUED FOR BIDDING

1



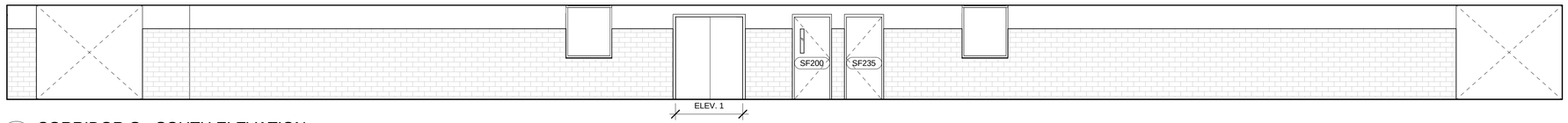
6 CORRIDOR H - WEST ELEVATION

A-621 3/16" = 1'-0"



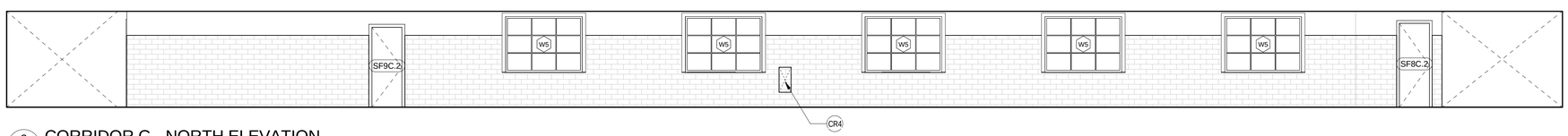
5 CORRIDOR H - EAST ELEVATION

A-621 3/16" = 1'-0"



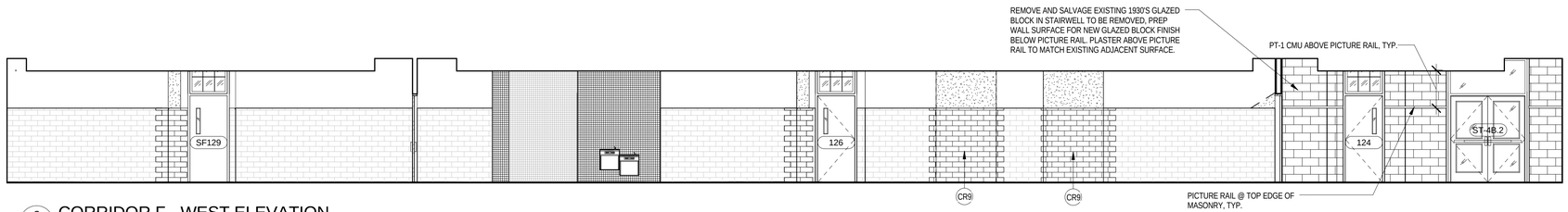
4 CORRIDOR G - SOUTH ELEVATION

A-621 3/16" = 1'-0"



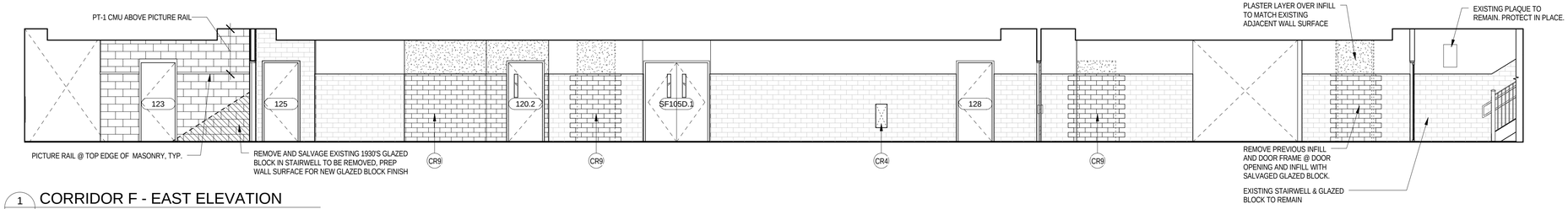
3 CORRIDOR G - NORTH ELEVATION

A-621 3/16" = 1'-0"



2 CORRIDOR F - WEST ELEVATION

A-621 3/16" = 1'-0"



1 CORRIDOR F - EAST ELEVATION

A-621 3/16" = 1'-0"

MATERIAL LEGEND

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FINISH NOTES:

PT-1 PAINT

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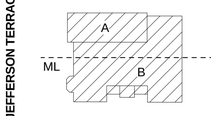
ROCHESTER CITY SCHOOL DISTRICT

REGISTERED ARCHITECT GREG W. JERSEY 019001 STATE OF NEW YORK

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
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JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	ETG
CHECKED BY	LM

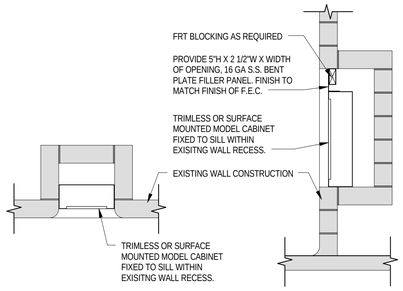
DRAWING TITLE

CORRIDOR ELEVATIONS

A-621

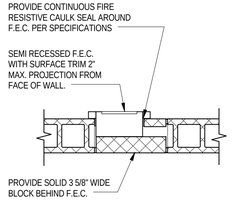
ISSUED FOR BIDDING

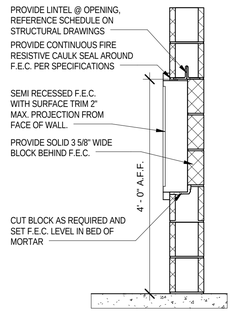
1



FIRE EXTINGUISHER DETAIL IN EXISTING WALL

NOTE: MAINTAIN FIRE RESISTANCE RATING OF WALL AS INDICATED ON LIFE SAFETY PLANS





FIRE EXTINGUISHER DETAIL IN NEW WALL

5 FEC DETAILS
A-622 — 3/4" = 1'-0"

CORRIDOR KEYNOTES

#	
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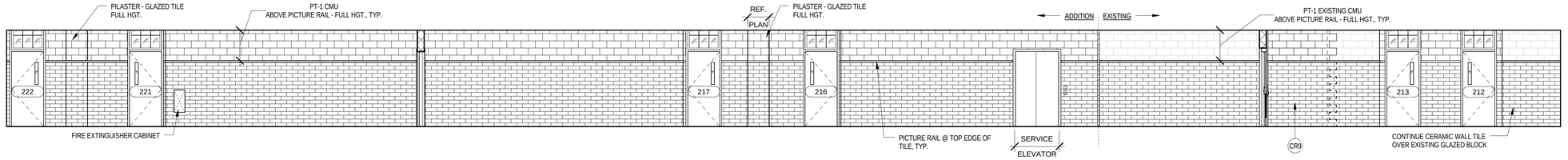
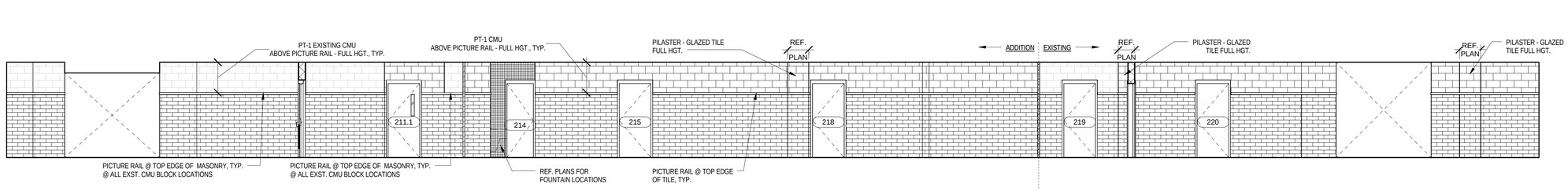
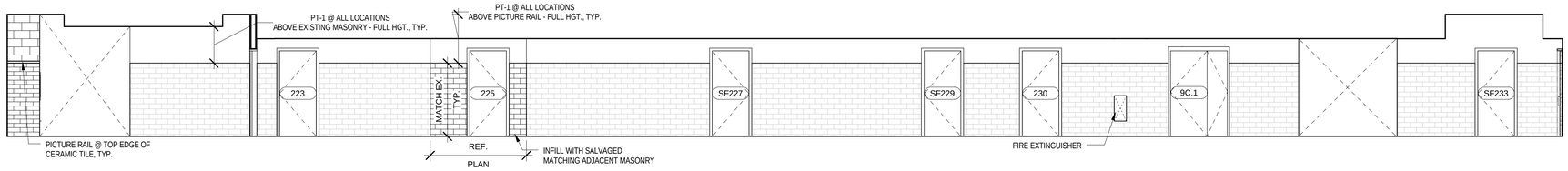


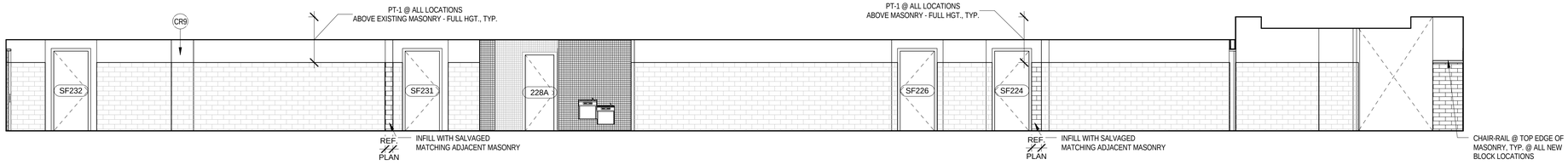
1 CORRIDOR J - NORTH ELEVATION
A-622 — 3/16" = 1'-0"



2 CORRIDOR J - SOUTH ELEVATION
A-622 — 3/16" = 1'-0"



3 CORRIDOR K - EAST ELEVATION
A-622 — 3/16" = 1'-0"



4 CORRIDOR K - WEST ELEVATION
A-622 — 3/16" = 1'-0"

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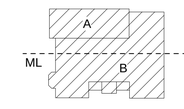
ROCHESTER CITY SCHOOL DISTRICT

REGISTERED ARCHITECT — GREGG W. JERSEY — 019000 — STATE OF NEW YORK

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

N

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

Rochester Schools Modernization Program -Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way, Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	BID ADDENDA #1	04/25/18

JOB NO.	1711
SCALE	As indicated
ISSUE DATE	4/9/18
DRAWN BY	ETG
CHECKED BY	LM

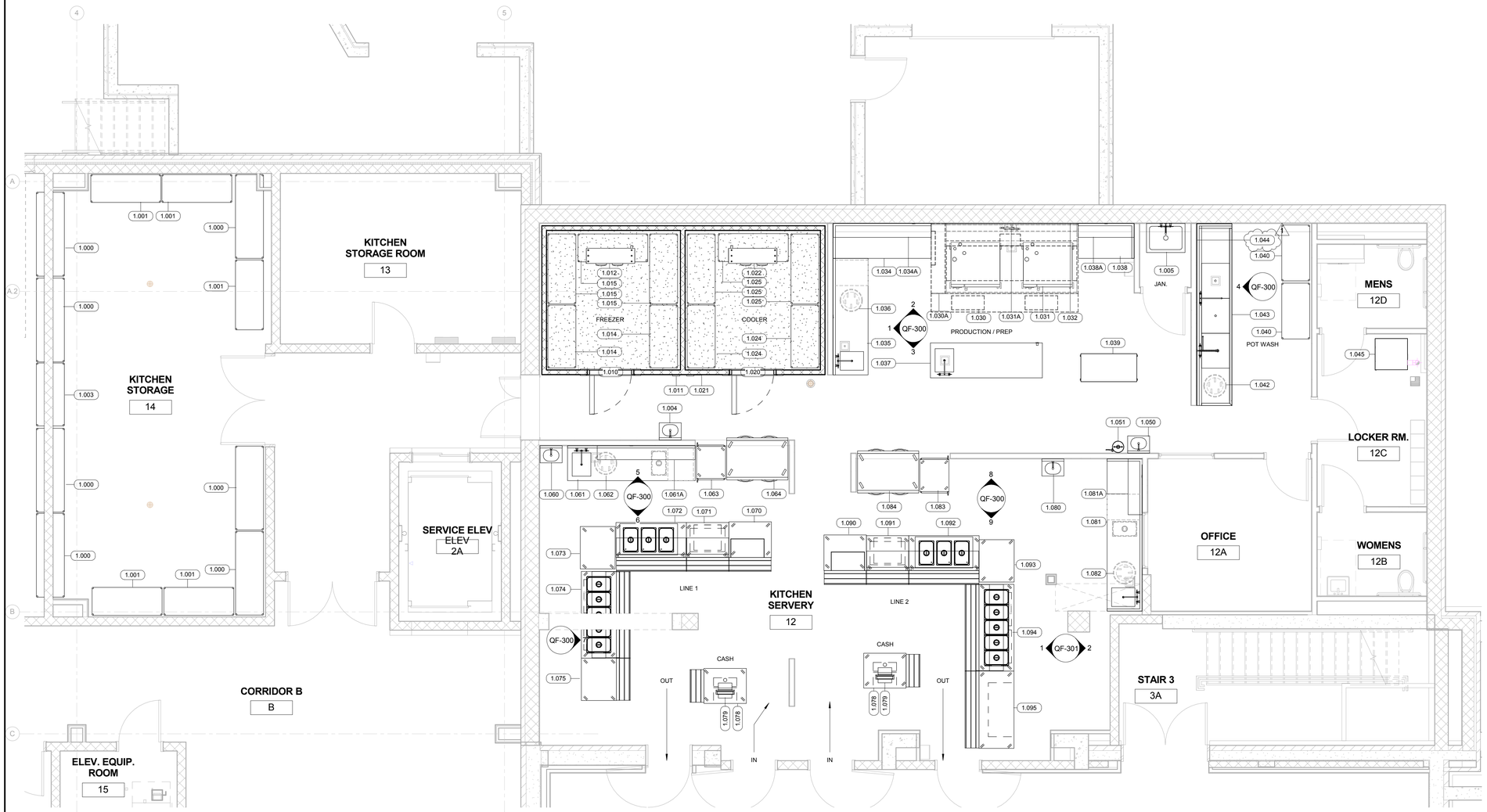
DRAWING TITLE

CORRIDOR ELEVATIONS

A-622

ISSUED FOR BIDDING

1



1 QF-102 BASEMENT - KITCHEN & SERVERY PLAN
1/4" = 1'-0"

QF - BASEMENT - EQUIPMENT LIST

ITEM NO	QTY	DESCRIPTION
1.000	7	SHELVING, PLASTIC, LOUVERED
1.001	5	SHELVING, PLASTIC, LOUVERED
1.003	1	SHELVING, PLASTIC, LOUVERED
1.004	1	HAND SINK
1.005	1	MOP SINK
1.010	1	WALK-IN FREEZER
1.011	1	TEMPERATURE ALARM
1.012	1	EVAPORATOR COIL
1.014	2	SHELVING, PLASTIC, LOUVERED
1.015	3	SHELVING, PLASTIC, LOUVERED
1.020	1	WALK-IN COOLER
1.021	1	TEMPERATURE ALARM
1.022	1	EVAPORATOR COIL
1.024	2	SHELVING, PLASTIC, LOUVERED
1.025	3	SHELVING, PLASTIC, LOUVERED
1.030	1	EXHAUST HOOD
1.030A	1	F.P.S. CONTROL PANEL
1.031	2	COMBI OVEN, GAS
1.031A	1	WATER FILTER
1.032	1	S.S. WALL PANEL
1.034	1	S.S. TABLE
1.034A	1	WALL SHELF
1.035	1	S.S. TABLE W/ SINK
1.036	1	WASTE BIN W/ DOLLY
1.037	1	S.S. TABLE W/ SINK
1.038	1	S.S. TABLE
1.038A	1	WALL SHELF
1.039	1	S.S. MOBILE TABLE
1.040	2	POT RACK
1.042	1	WASTE BIN W/ DOLLY
1.043	1	S.S. POTWASH TABLE W/ THREE SINKS
1.044	1	S.S. WALL PANEL
1.045	1	STACKED WASHER/DRYER, ELEC.
1.050	1	HAND SINK
1.051	1	EYE WASH SINK
1.060	1	HAND SINK
1.061	1	S.S. TABLE W/ SINK
1.061A	1	WALL SHELF
1.062	1	WASTE BIN W/ DOLLY
1.063	1	HOT HOLDING CABINET
1.064	1	PASS-THRU REFRIGERATOR
1.070	1	FORCED AIR MILK COOLER
1.071	1	HOT TOP FOOD TABLE W/ FULL SERVE SNEEZE GUARD
1.072	1	CONVERTIBLE HOT/COLD FOOD TABLE W/ FULL SERVE SNEEZE GUARD - 3 WELL
1.073	1	SOLID TOP TABLE
1.074	1	REFRIGERATED COLD FOOD TABLE W/ SELF SERVE SNEEZE GUARD - 5 WELL
1.075	1	SOLID TOP TABLE
1.078	2	CASHIER STAND
1.079	2	POS SCREEN
1.080	1	HAND SINK
1.081	1	S.S. TABLE W/ SINK
1.081A	1	WALL SHELF
1.082	1	WASTE BIN W/ DOLLY
1.083	1	HOT HOLDING CABINET
1.084	1	PASS-THRU REFRIGERATOR
1.090	1	FORCED AIR MILK COOLER
1.091	1	HOT TOP FOOD TABLE W/ FULL SERVE SNEEZE GUARD
1.092	1	CONVERTIBLE HOT/COLD FOOD TABLE W/ FULL SERVE SNEEZE GUARD - 3 WELL
1.093	1	SOLID TOP TABLE
1.094	1	REFRIGERATED COLD FOOD TABLE W/ SELF SERVE SNEEZE GUARD - 5 WELL
1.095	1	SOLID TOP FOOD TABLE

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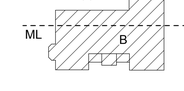
ROCHESTER CITY SCHOOL DISTRICT

Prime contractors to reference Kitchen Equipment Drawings as part of their Contract scope of work

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
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REV. #	DESCRIPTION	DATE
1	BID ADDENDA #1	04/25/18

JOB NO.	1711
SCALE	1/4" = 1'-0"
ISSUE DATE	3/15/2018
DRAWN BY	EK
CHECKED BY	DT/LR

THIS IS A SINGLE SHEET OF A COHESIVE SET OF CONSTRUCTION DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS). INTERPRETATION OF THE INFORMATION AS PRESENTED SHOULD BE BASED ON THE ENTIRE SET OF DOCUMENTS.

DRAWING TITLE

BASEMENT - ENLARGED PLAN & LIST

QF-102

ISSUED FOR FOOD EQUIPMENT BID

QF - MEP SCHEDULE

ITEM NO.	QTY	DESCRIPTION	EQUIPMENT REMARKS	ELECTRICAL						ELECTRICAL REMARKS	PLUMBING					PLUMBING REMARKS	GAS		MECHANICAL REMARKS	MECHANICAL								HVAC REMARKS
																				HVAC EXHAUST					HVAC MAKE-UP AIR				
				AMPS	VOLTS	VOLTS	PHASE	CYCLE	ELEC. CONN.		CW SIZE (IN)	HW SIZE (IN)	DIR. WASTE SIZE (IN)	INDIR. WASTE SIZE (IN)	BTU/HR		GAS SIZE (IN)	BTU/HR		DUCT WIDTH (IN)	DUCT DEPTH (IN)	DUCT DIA. (IN)	VOLUME (CFM)	IN-WG	DUCT WIDTH (IN)	DUCT DEPTH (IN)	VOLUME (CFM)	IN-WG	
1.000	7	SHELVING, PLASTIC, LOUVERED																										
1.001	5	SHELVING, PLASTIC, LOUVERED																										
1.003	1	SHELVING, PLASTIC, LOUVERED																										
1.004	1	HAND SINK									1/2"	1/2"	1 1/2"															
1.005	1	MOP SINK									1/2"	1/2"	2"															
1.010	1	WALK-IN FREEZER		5.0 A	120		3	60	DIRECT	EMERGENCY PWR REQ'D																		
1.011	1	TEMPERATURE ALARM								PWR FROM 1.010. CONN. TO B.A.S. BY CONTROLS DIV.																		
1.012	1	EVAPORATOR COIL		9.8 A	208		1	60	DIRECT	ADD'L 120/1/60 1A AND EMERGENCY PWR REQ'D				1"		TO F.F.D.						1,500 CFM					
1.013	1	CONDESING UNIT	LOCATION T.B.C.	12.3 A	208		3	60	DIRECT	EMERGENCY PWR REQ'D																		
1.014	2	SHELVING, PLASTIC, LOUVERED																										
1.015	3	SHELVING, PLASTIC, LOUVERED																										
1.020	1	WALK-IN COOLER		2.0 A	120		1	60	DIRECT	EMERGENCY PWR REQ'D																		
1.021	1	TEMPERATURE ALARM								PWR FROM 1.020. CONN. TO B.A.S. BY CONTROLS DIV.																		
1.022	1	EVAPORATOR COIL		0.8 A	120		1	60	DIRECT	EMERGENCY PWR REQ'D				1"		TO F.F.D.						1,500 CFM					
1.023	1	CONDESING UNIT	LOCATION T.B.C.	12.8 A	208		3	60	DIRECT	EMERGENCY PWR REQ'D																		
1.024	2	SHELVING, PLASTIC, LOUVERED																										
1.025	3	SHELVING, PLASTIC, LOUVERED																										
1.030	1	EXHAUST HOOD	REFER TO QF-400 SERIES DRAWINGS	15.0 A	208		3	60	DIRECT											20"	10"		2,090 CFM	-0.7 IN-WG	12"	28"	836 CFM	0.2 IN-WG	2@12" X 28" MAKE-UP DUCTS @ 836 CFM EACH. REFER TO QF-400 SERIES
1.030A	1	F.P.S. CONTROL PANEL	REFER TO QF-400 SERIES DRAWINGS	3.4 A	208		3	60	DIRECT	CONN. TO B.A.S. SYSTEM. ADD'L 120/1/60 15A CONN. REQ'D																		REFER TO QF-400 SERIES
1.031	2	COMBI OVEN, GAS		15.0 A	208		1	60	PLUG	NEMA 6-15P	3/4"			2"	168,000 BTU/H	TO F.S. WATER FROM 1.031A. TO G.T.	3/4"	170,000 BTU/H									
1.031A	1	WATER FILTER									3/4"																	
1.032	1	S.S. WALL PANEL																										
1.034	1	S.S. TABLE		12.0 A	120		1	60	PLUG	GENERAL PURPOSE RCPT																		
1.034A	1	WALL SHELF																										
1.035	1	S.S. TABLE W/ SINK		12.0 A	120		1	60	PLUG	GENERAL PURPOSE RCPT	1/2"	1/2"		1 1/2"														
1.036	1	WASTE BIN W/ DOLLY																										
1.037	1	S.S. TABLE W/ SINK		12.0 A	120		1	60	PLUG	GENERAL PURPOSE RCPT	1/2"	1/2"		1 1/2"														
1.038	1	S.S. TABLE		12.0 A	120		1	60	PLUG	GENERAL PURPOSE RCPT																		
1.038A	1	WALL SHELF																										
1.039	1	S.S. MOBILE TABLE																										
1.040	2	POT RACK																										
1.042	1	WASTE BIN W/ DOLLY																										
1.043	1	S.S. POTWASH TABLE W/ THREE SINKS									1/2"	1/2"	1 1/2"			2@1/2" HW+CW, 3@1 1/2" DIRECT DRAINS												
1.044	1	S.S. WALL PANEL																										
1.045	1	STACKED WASHER/DRYER, ELEC.		15.0 A	120		1	60	PLUG	ADD'L 240/1/60 30A REQ'D	3/4"	3/4"		1 1/2"								4"	220 CFM						VENT TO EXTERIOR
1.050	1	HAND SINK									1/2"	1/2"	1 1/2"															
1.051	1	EYE WASH SINK									1/2"	1/2"	1 1/2"															
1.060	1	HAND SINK									1/2"	1/2"	1 1/2"															
1.061	1	S.S. TABLE W/ SINK		12.0 A	120		1	60	PLUG	GENERAL PURPOSE RCPT	1/2"	1/2"		1 1/2"														
1.061A	1	WALL SHELF																										
1.062	1	WASTE BIN W/ DOLLY																										
1.063	1	HOT HOLDING CABINET		16.0 A	120		1	60	PLUG	NEMA 6-15P																		
1.064	1	PASS-THRU REFRIGERATOR		9.1 A	120		1	60	PLUG	NEMA 5-15P																		
1.070	1	FORCED AIR MILK COOLER		9.6 A	120		1	60	PLUG					1"		TO F.S.												
1.071	1	HOT TOP FOOD TABLE W/ FULL SERVE SNEEZE GUARD		60.0 A	120		1	60	PLUG	NEMA 14-60P (DAISY CHAIN TYPE SYSTEM)																		
1.072	1	CONVERTIBLE HOT/COLD FOOD TABLE W/ FULL SERVE SNEEZE GUARD - 3 WELL								PLUGS INTO 1.071 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071				1"		TO F.S.												
1.073	1	SOLID TOP TABLE								PLUGS INTO 1.072 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071																		
1.074	1	REFRIGERATED COLD FOOD TABLE W/ SELF SERVE SNEEZE GUARD - 5 WELL								PLUGS INTO 1.073 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071				1"		TO F.S.												
1.075	1	SOLID TOP TABLE								PLUGS INTO 1.074 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071																		
1.078	2	CASHIER STAND																										
1.079	2	POS SCREEN		12.0 A	120		1	60	PLUG	DATA CONN. REQ'D																		
1.080	1	HAND SINK									1/2"	1/2"	1 1/2"															
1.081	1	S.S. TABLE W/ SINK		12.0 A	120		1	60	PLUG	GENERAL PURPOSE RCPT	1/2"	1/2"		1 1/2"														
1.081A	1	WALL SHELF																										
1.082	1	WASTE BIN W/ DOLLY																										
1.083	1	HOT HOLDING CABINET		16.0 A	120		1	60	PLUG	NEMA 6-15P																		
1.084	1	PASS-THRU REFRIGERATOR		9.1 A	120		1	60	PLUG	NEAM 5-15P																		
1.090	1	FORCED AIR MILK COOLER		9.6 A	120		1	60	PLUG					1"		TO F.S.												
1.091	1	HOT TOP FOOD TABLE W/ FULL SERVE SNEEZE GUARD		60.0 A	120		1	60	PLUG	NEMA 14-60P (DAISY CHAIN TYPE SYSTEM)																		
1.092	1	CONVERTIBLE HOT/COLD FOOD TABLE W/ FULL SERVE SNEEZE GUARD - 3 WELL								PLUGS INTO 1.091 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071				1"		TO F.S.												
1.093	1	SOLID TOP TABLE								PLUGS INTO 1.092 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071																		
1.094	1	REFRIGERATED COLD FOOD TABLE W/ SELF SERVE SNEEZE GUARD - 5 WELL								PLUGS INTO 1.093 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071				1"		TO F.S.												
1.095	1	SOLID TOP FOOD TABLE								PLUGS INTO 1.094 (DAISY CHAIN TYPE SYSTEM). POWER FROM 1.071																		

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ROCHESTER CITY SCHOOL DISTRICT

Prime contractors to reference Kitchen Equipment Drawings as part of their Contract scope of work

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	BID ADDENDA #1	04/25/18

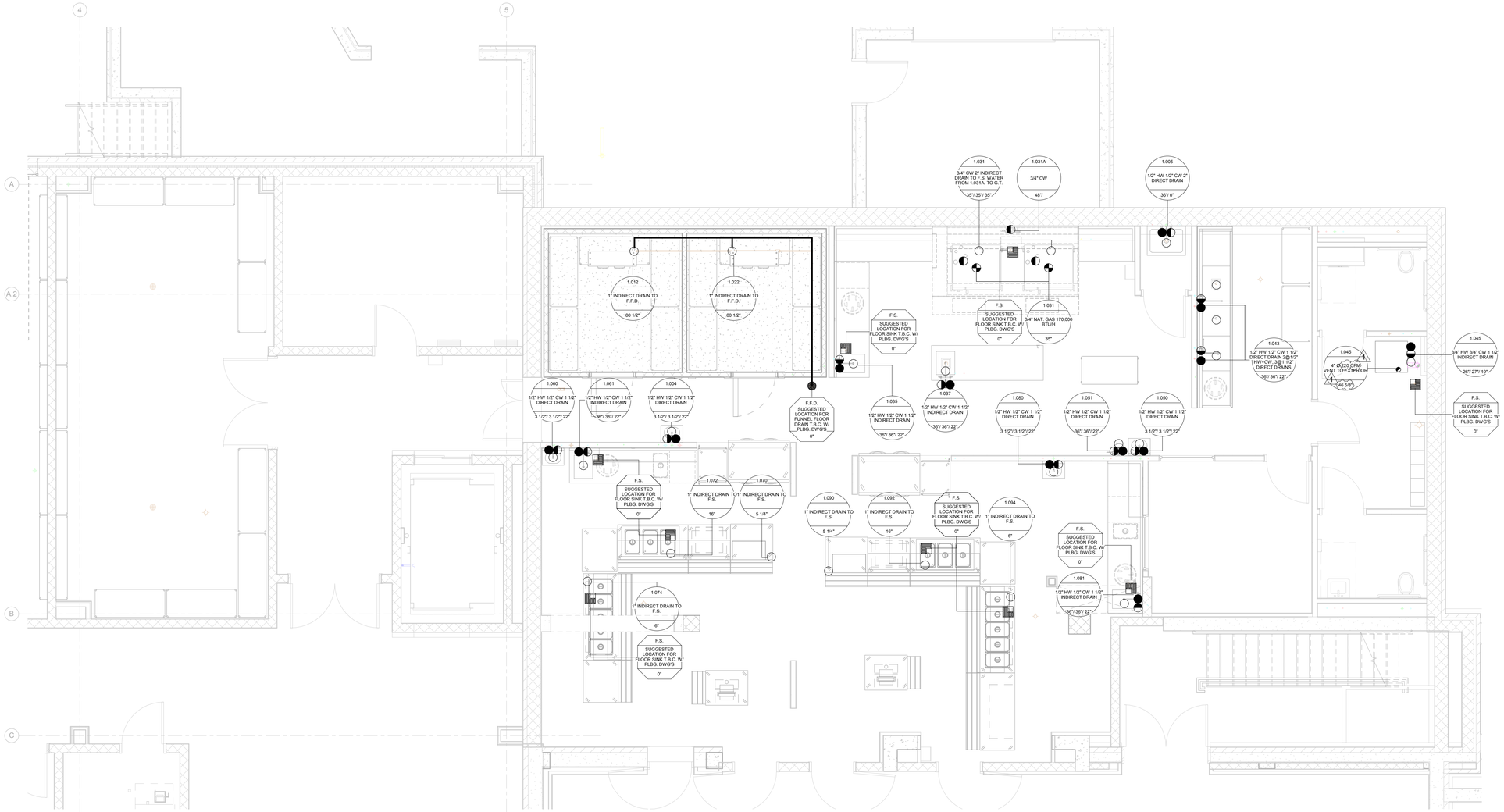
JOB NO.	1711
SCALE	
ISSUE DATE	3/15/2018
DRAWN BY	EK
CHECKED BY	DT/LR

DRAWING TITLE

MEP SCHEDULE

QF-105

ISSUED FOR FOOD EQUIPMENT BID



1 QF-203 BASEMENT - MECH. & PLBG. CONN. POINTS

1/4" = 1'-0"

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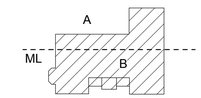
ROCHESTER CITY SCHOOL DISTRICT

Prime contractors to reference Kitchen Equipment Drawings as part of their Contract scope of work

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

N

KEY PLAN

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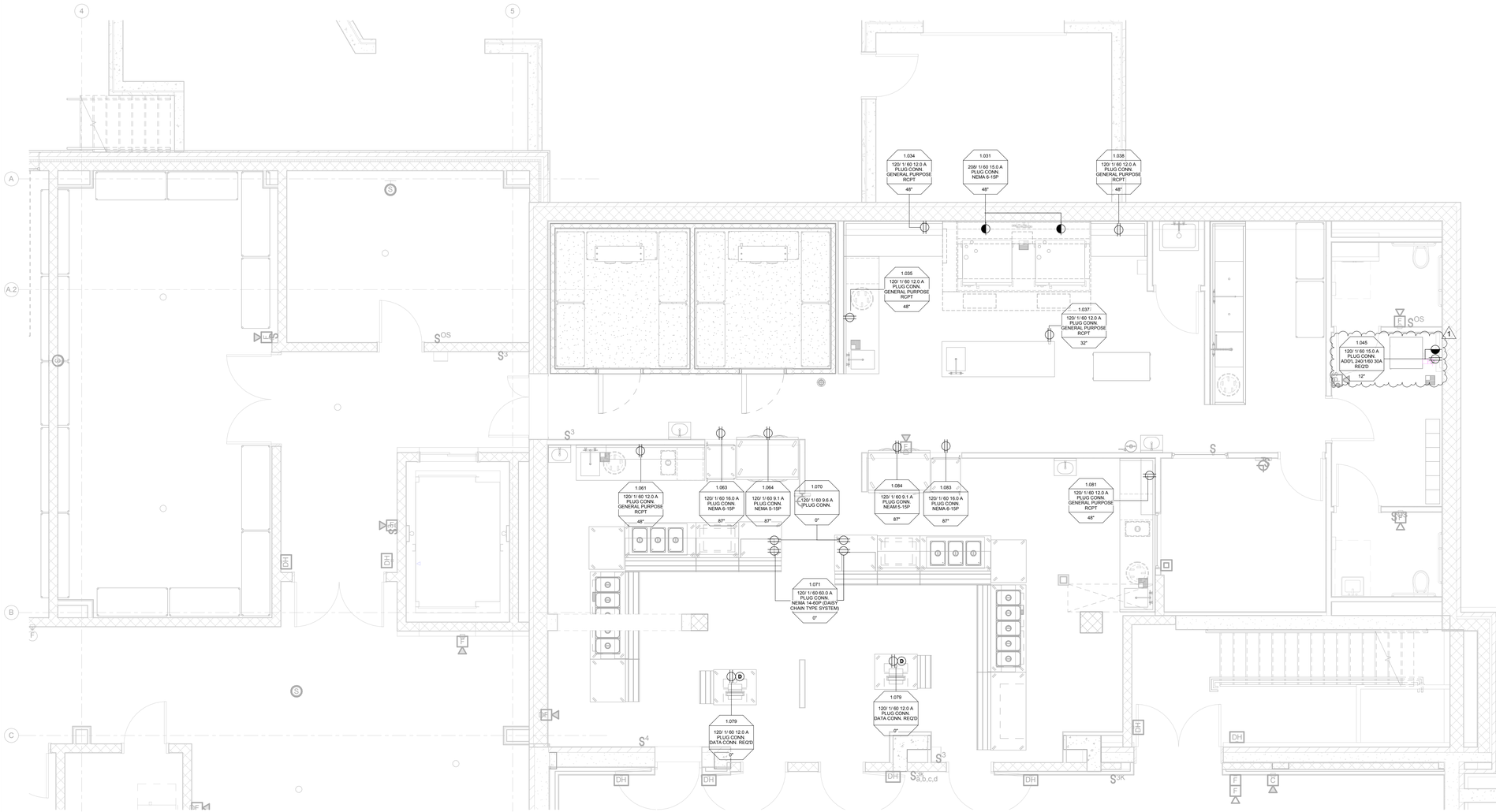
THIS IS A SINGLE SHEET OF A COHESIVE SET OF CONSTRUCTION DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS). INTERPRETATION OF THE INFORMATION AS PRESENTED SHOULD BE BASED ON THE ENTIRE SET OF DOCUMENTS.

DRAWING TITLE

BASEMENT - MECH. & PLBG. CONN. POINTS

QF-203

ISSUED FOR FOOD EQUIPMENT BID



1 QF-204 BASEMENT - ELEC. CONN. POINTS
1/4" = 1'-0"

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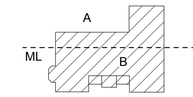

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BASEMENT - ELEC. CONN. POINTS

QF-204

ISSUED FOR FOOD EQUIPMENT BID

PLUMBING SYMBOLS

- DOMESTIC COLD WATER (SUPPLY, CWS)
- DOMESTIC HOT WATER (SUPPLY, HWS)
- DOMESTIC HOT WATER RECIRCULATION (HWR)
- DOMESTIC HOT WATER (SUPPLY, 140°F HWS)
- DOMESTIC HOT WATER RECIRCULATION (140°F HWR)
- NG — NATURAL GAS
- COND — CONDENSATE PIPING
- SAN — SANITARY DRAIN/SEWER (ABOVE GRADE)
- SAN — SANITARY DRAIN/SEWER (BELOW GRADE)
- V — SANITARY VENT PIPING (ABOVE GRADE)
- V — SANITARY VENT PIPING (BELOW GRADE)
- ST — STORM DRAIN SEWAGE (ABOVE GRADE)
- ST — STORM DRAIN SEWAGE (BELOW GRADE)
- SST — SECONDARY STORM DRAIN SEWAGE (ABOVE GRADE)
- SST — SECONDARY STORM DRAIN SEWAGE (BELOW GRADE)
- GW — GREASE WASTE (BELOW GRADE)
- EXISTING PIPING TO BE REMOVED ⚠
- PIPE TURNED UP
- PIPE TURNED DOWN
- BRANCH OFF BOTTOM OF PIPE
- BRANCH OFF TOP OF PIPE
- VALVE ON VERTICAL
- VALVE(S) IN VERTICAL PIPE
- REDUCER
- PIPE BREAK
- BALL VALVE
- BUTTERFLY VALVE
- GATE VALVE - NRS
- GATE VALVE - OS&Y
- GLOBE VALVE

- PLUG VALVE
- SHUT-OFF VALVE (GATE, BALL, OR BUTTERFLY - REFER TO SPECS)
- CHECK VALVE
- BALANCING VALVE
- ANGLE VALVE
- PRESSURE REDUCING VALVE
- PNEUMATIC VALVE
- PNEUMATIC CONTROL VALVE (3 WAY)
- SOLENOID OR MOTORIZED VALVE
- SOLENOID OR MOTORIZED CONTROL VALVE (3 WAY)
- TRIPLE DUTY VALVE
- RELIEF VALVE
- TEMPERATURE & PRESSURE RELIEF VALVE
- HOSE BIBB OR DRAIN VALVE
- STRAINER
- UNION
- FLANGE
- PRESSURE GAUGE
- THERMOMETER
- WHA — WATER HAMMER ARRESTER
- FLOOR DRAIN WITH P-TRAP

- PUMP (SCHEMATIC)
- IN-LINE PUMP (PLAN)
- FLEX CONNECTION
- EXPANSION JOINT WITH GUIDES
- PIPE ANCHOR
- PIPE GUIDE
- FCO — FLOOR CLEAN OUT (PLAN VIEW)
- CO — CLEAN OUT
- EQUIPMENT TO BE REMOVED
- EXISTING EQUIPMENT TO REMAIN
- PIPE CONTINUATION
- NEW CONNECTION TO EXIST.
- REMOVE TO THIS POINT
- X — KEYNOTE
- X — KITCHEN EQUIPMENT TAG
- BACKFLOW PREVENTER (SCHEMATIC)

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
-	-
BFP	BACK FLOW PREVENTOR
BLDG	BUILDING
BSMT	BASEMENT
-	-
CFH	CUBIC FEET PER HOUR
CI	CAST IRON
℄	CENTER LINE
CLG	CEILING
CO	CLEAN OUT
CONN	CONNECTION
CWS	COLD WATER (SUPPLY)
COND	CONDENSATE
-	-
DB	DRAIN BOX
DEG	DEGREE
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DRS	DARK ROOM DOUBLE BOWL SINK
DW	DOMESTIC WATER
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
-	-
(E)	EXISTING
EA	EACH
ELEV	ELEVATION
ENT	ENTERING
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
-	-
°F	DEGREES FAHRENHEIT
FAI	FRESH AIR INTAKE
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FIN	FINISHED
FL	FLOOR
FLA	FULL LOAD AMPS
FPWH	FREEZE PROOF WALL HYDRANT
FT	FEET
-	-
GA	GAUGE
GC	GENERAL CONTRACTOR
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GW	GREASE WASTE
-	-
HT	HEIGHT
HB	HOSE BIBB
HD	HEAD (SEE SCHEDULES)
HP	HORSE POWER
HR	HOSE REEL
HTR	HEATER
HWS	HOT WATER (SUPPLY)
HWR	HOT WATER- RECIRCULATED
-	-
ID	INTERNAL DIAMETER
INCL	INCLUDING
INV	INVERT
-	-
K	TYPE OF COPPER TUBING
KW	KILOWATT
-	-
LAV	LAVATORY
-	-
MC	MECHANICAL CONTRACTOR
MED	MEDIUM
MFR	MANUFACTURER
MISC	MISCELLANEOUS
MIN	MINIMUM
MSS	MOP SERVICE SINK
MTD	MOUNTED
-	-
(N)	NEW
NC	NORMALLY CLOSED
NG	NATURAL GAS
NH	NO HUB
No	NUMBER
N0	NORMALLY OPEN
NTS	NOT TO SCALE

OD	OUTSIDE DIMENSION
ODWH	ON DEMAND WATER HEATER
OPG	OPENING
OS	OPEN SITE
OT	OFF TOP
OZ	OUNCE
-	-
PART	PARTIAL
PDR	PLENUM DRAIN
PERF	PERFORATED
-	-
PH	PHASE
PIV	POST INDICATOR VALVE
POS	POSITIVE
PRESS	PRESSURE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PT	PRESSURE TRANSMITTER
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE
PVS	POLYVINYL COATED STEEL
-	-
QUAN	QUANTITY
-	-
RD	ROOF DRAIN
REL	RELIEF
REQD	REQUIRED
RL	RAIN LEADER
RM	ROOM
RP	RECIRCULATION PUMP
RPM	REVOLUTIONS PER MINUTE
-	-
SA	SHOCK ABSORBER
SAN	SANITARY PIPING
SCH	SCHEDULE
SCHEM	SCHEMATIC
SK	STAINLESS STEEL SINK
S/S	SERVICE SINK
SPEC	SPECIFICATION
SPS	SUMP PUMP SYSTEM
SQ	SQUARE
SS	STAINLESS STEEL
ST	STORM
SST	SECONDARY STORM
STD	STANDARD
STL	STEEL
STR	STRUCTURAL
SUP	SUPPLY
SYS	SYSTEM
S/SHO	SAFETY SHOWER
-	-
TYP	TYPICAL
-	-
UR	URINAL
-	-
V	VENT
VB	VACUUM BREAKER
VS	VIVARIUM SINK
VTR	VENT THRU ROOF
-	-
W	WIDTH
W/	WITH
WHA	WATER HAMMER ARRESTER
W/O	WITHOUT
WC	WATER CLOSET
WM	WATER METER
-	-
XRD	X-RAY DEVELOPER CABINET

GENERAL NOTES

A. DO NOT SHUT DOWN ANY PLUMBING, FIRE PROTECTION, NATURAL GAS, MECHANICAL, ELECTRICAL, OR RELATED SYSTEMS WITHOUT BUILDING OWNER'S PRIOR WRITTEN APPROVAL. FOLLOW ALL OWNER REQUIREMENTS AND SHUT DOWN PROCEDURES AS WELL AS ALL REQUIREMENTS OF THIS PROJECT.

B. IF REQUIRED, PROVIDE SHUT DOWNS AND TIE-INS DURING OFF HOURS TO AVOID DISRUPTION OF BUILDING SYSTEMS. COORDINATE ALL SHUT DOWN REQUIREMENTS PRIOR TO SUBMITTING BID (INCLUDE ALL REQUIRED DURING OFF HOURS IN BID).

C. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.

D. PROVIDE ALL REQUIRED EXCAVATION, BACKFILL AND COMPACTION FOR ALL UNDERGROUND WORK.

E. FIELD VERIFY EXACT LOCATION, DEPTH, COMPOSITION AND CONDITION OF ALL PIPING, VALVES AND SYSTEMS AS REQUIRED FOR WORK OF THE CONTRACT.

F. PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER AND GENERAL CONTRACTOR AND ALL TRADES.

G. PROVIDE SCHEDULE 40 BLACK STEEL PIPE SLEEVES FOR ALL UNDERGROUND PIPING PASSING THROUGH OR UNDER FOOTINGS, WALLS, FOUNDATION WALLS, SLABS FLOORS AND/OR UNDERGROUND STRUCTURES. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

H. WHERE PIPING IS LOCATED OVER FOOTINGS AND/OR OTHER UNDERGROUND STRUCTURES, ROLL DOWN AS REQUIRED TO CONNECT TO SYSTEMS NOTED. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS.

I. PITCH ALL SANITARY, WASTE, AND STORM PIPING AS FOLLOWS: PIPING 3" AND SMALLER, PITCH AT 2 PERCENT (¼" PER FOOT) MINIMUM, PIPING 4" AND LARGER, PITCH AT 1 PERCENT (⅛" PER FOOT) MINIMUM.

J. CONNECT TO SITE PIPING OUTSIDE BUILDING AS SHOWN. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS. FIELD VERIFY EXACT LOCATION, DEPTH AND COMPOSITION OF SITE SERVICES AND COORDINATE ALL WORK WITH SITE CONTRACTOR.

⚠ K. COORDINATE ALL VENT TERMINATIONS ABOVE ROOF WITH HVAC CONTRACTOR. ALL VENT TERMINATIONS ABOVE ROOF SHALL BE A MINIMUM 25'-0" AWAY FROM ANY HVAC OUTSIDE AIR INTAKE (ROOFTOP UNIT, LOUVER, ETC.).

L. PROVIDE BARRIER TYPE SEAL DEVICE ON ALL FLOOR DRAINS.

M. REFER TO ARCHITECTURAL DRAWINGS AND THE PROJECT SPECIFICATIONS FOR ANY PROJECT PHASING REQUIREMENTS.

GENERAL PLUMBING NOTES

1.) THE ENTIRE PLUMBING SYSTEM SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PLUMBING CODE OF NEW YORK STATE AND LOCAL PLUMBING INSPECTOR.

2.) THE EXISTING PIPING INDICATED ON THESE PLANS SHALL BE VERIFIED IN THE FIELD FOR EXACT LOCATIONS, QUANTITY, AND PIPE SIZES.

3.) THE PIPING INDICATED ON THESE PLANS IS DIAGRAMATIC. ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH EXISTING CONDITIONS AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, TEES, ELBOWS, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.

4.) THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, INSPECTIONS, TAP-ON FEES, ETC.

5.) CONTRACTOR SHALL COORDINATE ANY PLUMBING OR PIPING SYSTEM SHUTDOWN WITH THE OWNER 48 HOURS IN ADVANCE.

6.) CONTRACTOR SHALL COORDINATE AND PROVIDE ALL NECESSARY PIPING & PLUMBING FITTINGS, PIPING, MISCELLANEOUS ITEMS REQUIRED FOR A COMPLETE INSTALLATION OF ALL PLUMBING RELATED ITEMS.

7.) ALL WORK SHALL BE COORDINATED WITH THE EQUIPMENT VENDORS.

8.) THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDER SLAB PIPING WITH EXISTING STRUCTURAL FOUNDATIONS. UNDERGROUND UTILITY LOCATIONS SHALL BE VERIFIED PRIOR TO ANY WORK BEING PERFORMED. CONTRACTOR SHALL REPAIR OR REPLACE ALL PIPING NOT IN PROPER WORKING ORDER OR DAMAGED DURING INSTALLATION OF THE NEW UNDERSLAB PIPING.

9.) ALL PLUMBING & PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY THE STATE AND LOCAL CODE REQUIREMENTS AND PER MANUFACTURER'S RECOMMENDATIONS.

10.) ALL PIPING PENETRATIONS THROUGH NEW, EXISTING WALL, OR FLOOR SHALL BE SEALED TO EQUAL THE RATING OF THE NEW, EXISTING WALL OR FLOOR.

11.) THE PLUMBING SYSTEM SHALL BE TESTED AS REQUIRED BY STATE AND LOCAL CODE OR BY THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTOR.

12.) THE ENTIRE DOMESTIC WATER SYSTEM (EXISTING/NEW) SHALL BE DISINFECTED IN ACCORDANCE TO THE LOCAL CODE & HEALTH DEPARTMENT REQUIREMENTS.

13.) THE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED PER STATE AND LOCAL CODE & PER AUTHORITY HAVING JURISDICTION REQUIREMENTS.

14.) ALL (VTR'S) VENT THRU ROOF PENETRATIONS INDICATED ON PLANS ARE PRELIMINARY. FINAL LOCATIONS SHALL BE COORDINATED WITH ALL TRADES. ALL VTR'S SHALL BE A MINIMUM OF 25'-0" FROM ALL FRESH AIR INTAKE OPENINGS.

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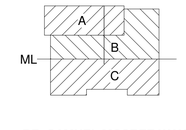
JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

Rochester Schools Modernization Program - Phase 2c

George M. Forbes - Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester NY, 14611

REV. #	DESCRIPTION	DATE
1	Revision 1	Date 1

GEORGE MATHER FORBES SCHOOL NO.4

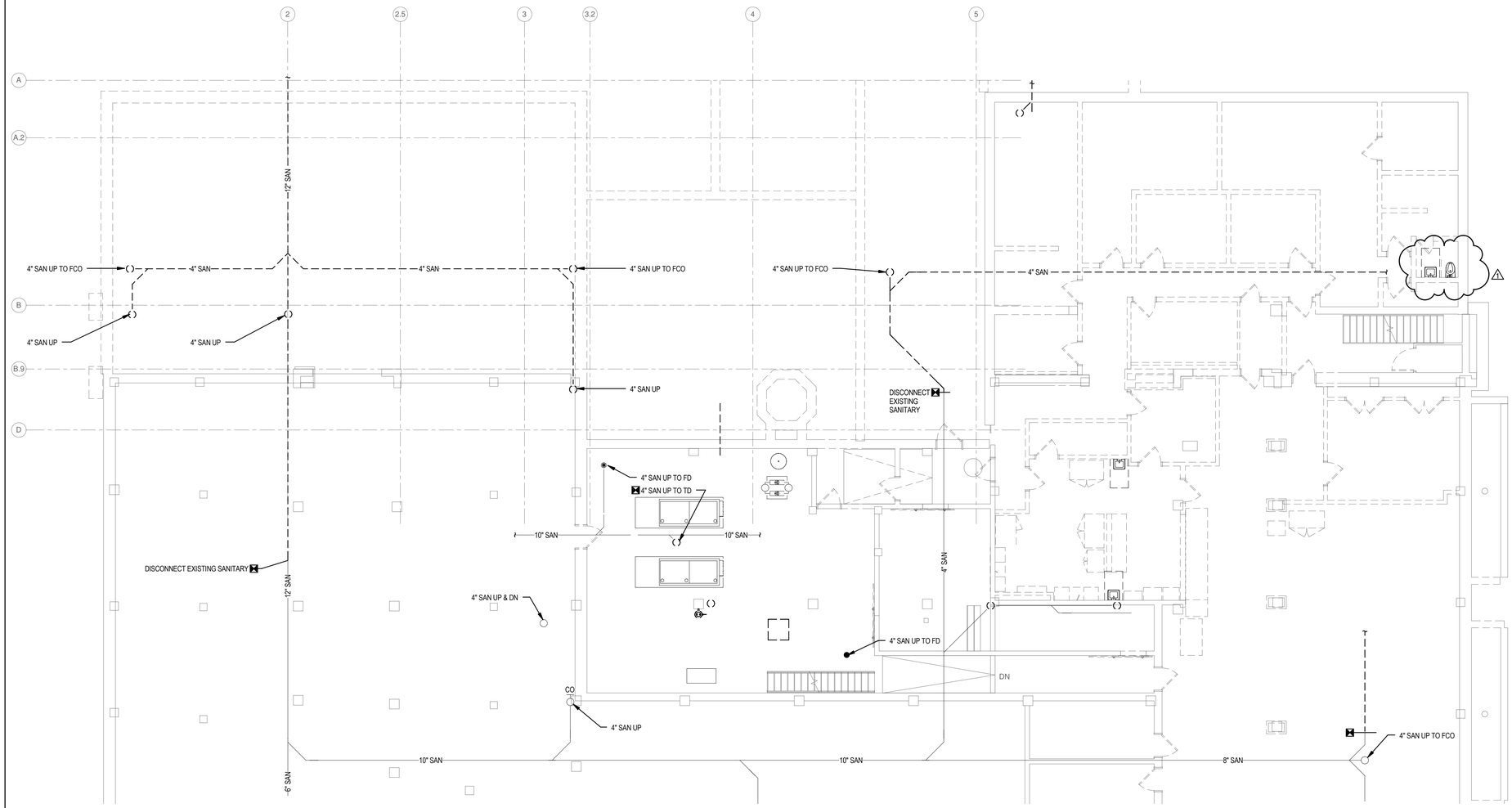
JOB NO.	1711
SCALE	
ISSUE DATE	4/25/18
DRAWN BY	BCW
CHECKED BY	Checker

DRAWING TITLE

PLUMBING NOTES AND SYMBOLS

P-000

ISSUED FOR BIDDING



1 PLUMBING UNDERSLAB NORTH DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1 NOT USED.

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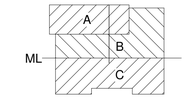
JEFFERSON TERRACE

KEY PLAN



DR. SAMUEL MCCREE WAY

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

Rochester Schools Modernization Program - Phase 2c

George M. Forbes - Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester NY, 14611

REV. #	DESCRIPTION	DATE
1	Revision 1	Date 1

GEORGE MATHER FORBES SCHOOL NO.4

JOB NO.	1711
SCALE	1/8" = 1'-0"
ISSUE DATE	4/25/18
DRAWN BY	BCW
CHECKED BY	Checker

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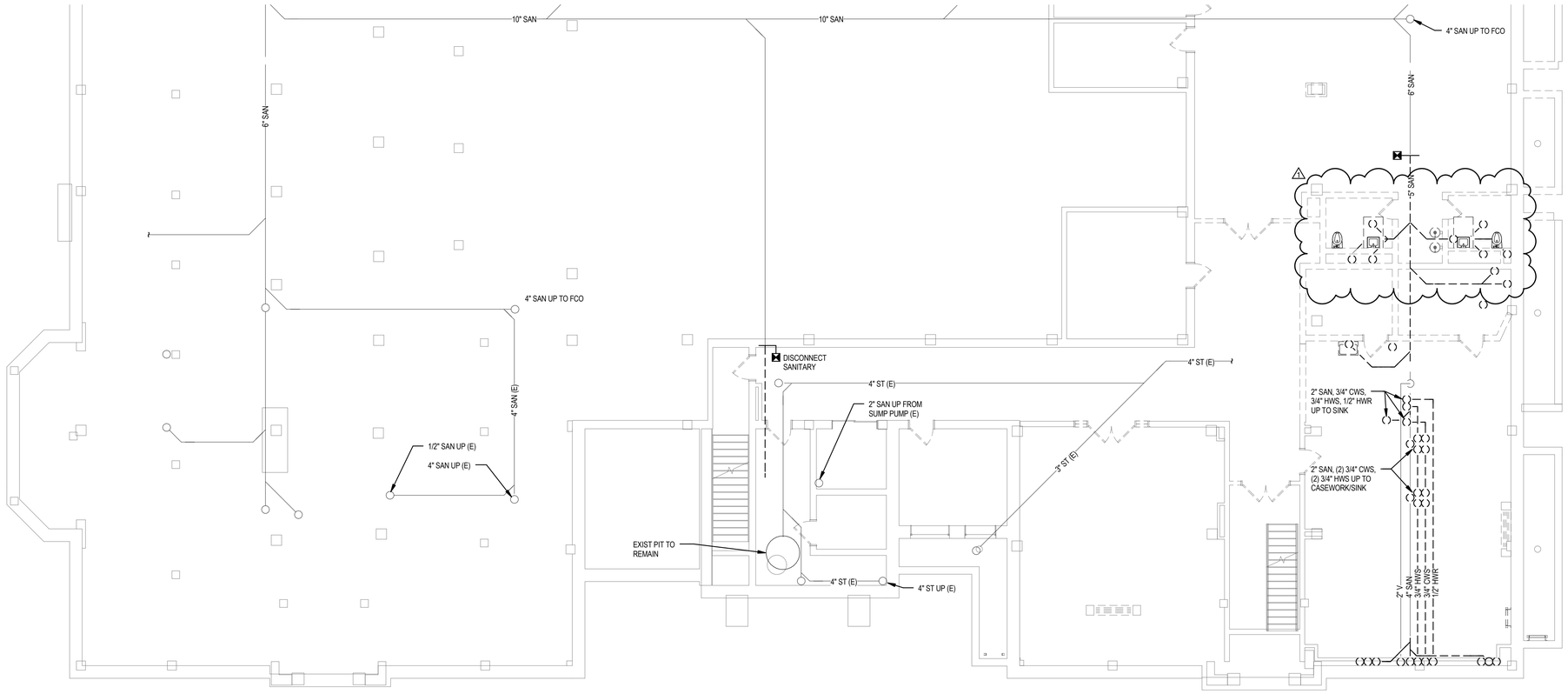
DRAWING TITLE

PLUMBING PARTIAL DEMOLITION UNDERSLAB PLAN

PD-100.1

ISSUED FOR BIDDING



1 PLUMBING UNDERSLAB SOUTH DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1 NOT USED.

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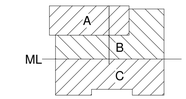

DR. SAMUEL MCCREE WAY

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KEY PLAN

SED # 26-16-00-01-0-004-024
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Rochester Schools Modernization Program - Phase 2c

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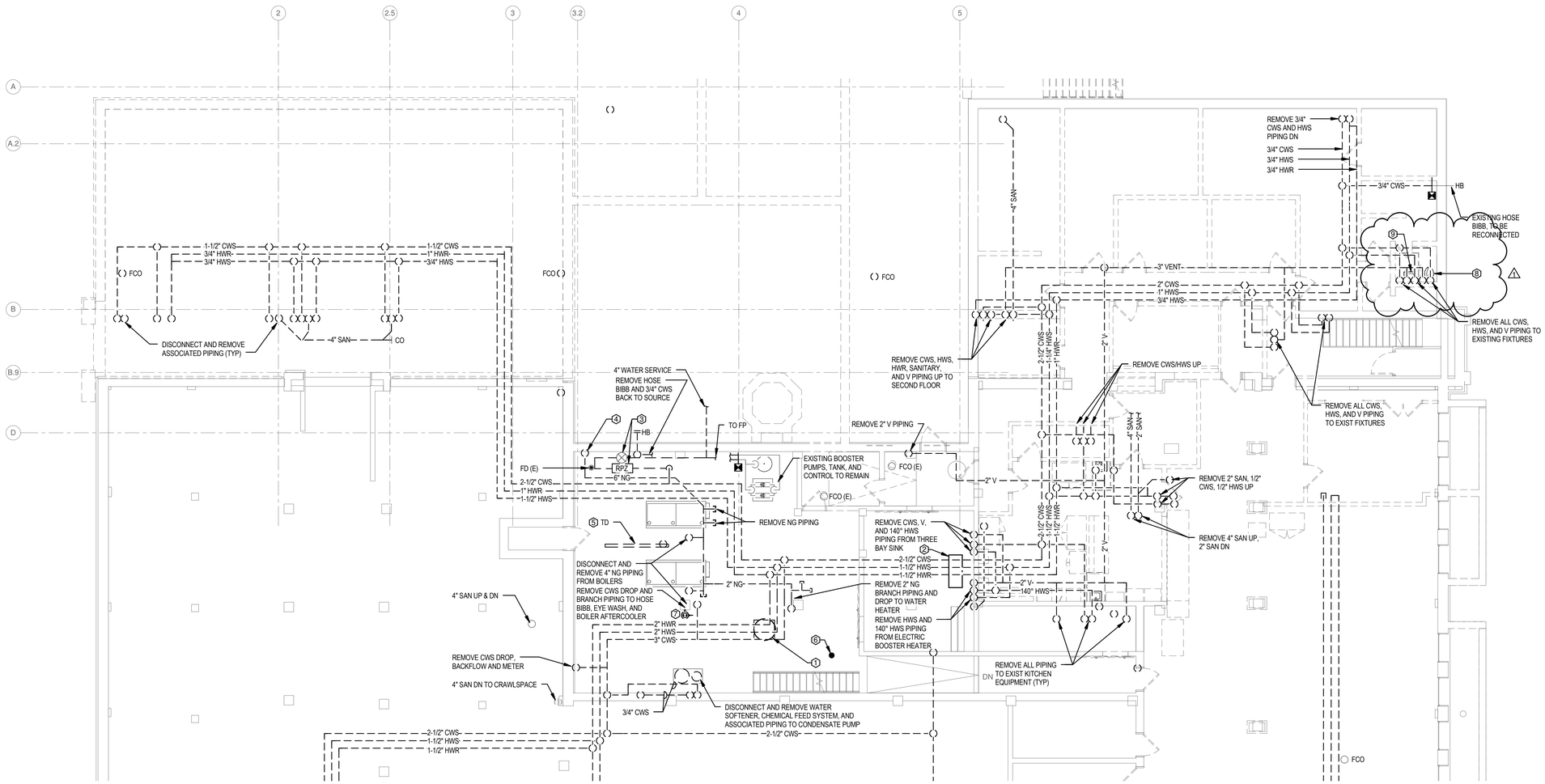
DRAWING TITLE

PLUMBING PARTIAL DEMOLITION UNDERSLAB PLAN

PD-100.2

ISSUED FOR BIDDING



1 PLUMBING BASEMENT NORTH DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

2. KITCHEN EQUIPMENT TO BE REMOVED BY OTHERS. PIPING TO KITCHEN EQUIPMENT UNDER P-CONTRACT.

DRAWING NOTES:

1. DISCONNECT AND REMOVE DOMESTIC HOT WATER HEATER. REMOVE CWS / HWS / HWR / GAS / FLUE PIPING TO CEILING. MAINTAIN REMAINING PIPING FOR NEW CONNECTIONS.
2. DISCONNECT AND REMOVE FLOOR MOUNT GREASE TRAP. EMPTY AND CLEAN BEFORE REMOVAL. REMOVE ASSOCIATED PIPING.
3. DISCONNECT AND REMOVE EXISTING WATER SERVICE AND PIPING. SAVE METER FOR REINSTALLATION. SEE FP DRAWINGS FOR FIRE SERVICE PIPING REMOVALS.
4. DISCONNECT AND REMOVE EXISTING GAS SERVICE AND PIPING.
5. DISCONNECT AND REMOVE TRENCH DRAIN. MAINTAIN PIPING FOR NEW CONNECTION. FLOOR CUT AND PATCH BY OTHERS.
6. DISCONNECT AND REMOVE FLOOR DRAIN. PROVIDE WITH FLOOR CLEANOUT. FLOOR CUT AND PATCH BY OTHERS.
7. DISCONNECT AND REMOVE EYE WASH AND ASSOCIATED PIPING.
8. DISCONNECT AND REMOVE FLOOR MOUNT WATER CLOSET / FLUSH VALVE. REMOVE CWS / SAN /VENT PIPING.
9. DISCONNECT AND REMOVE LAVATORY / CARRIER / FAUCET. REMOVE CWS / HWS / SAN / VENT PIPING.

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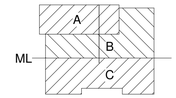

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DRAWING TITLE

PLUMBING PARTIAL DEMOLITION BASEMENT PLAN

PD-101.1

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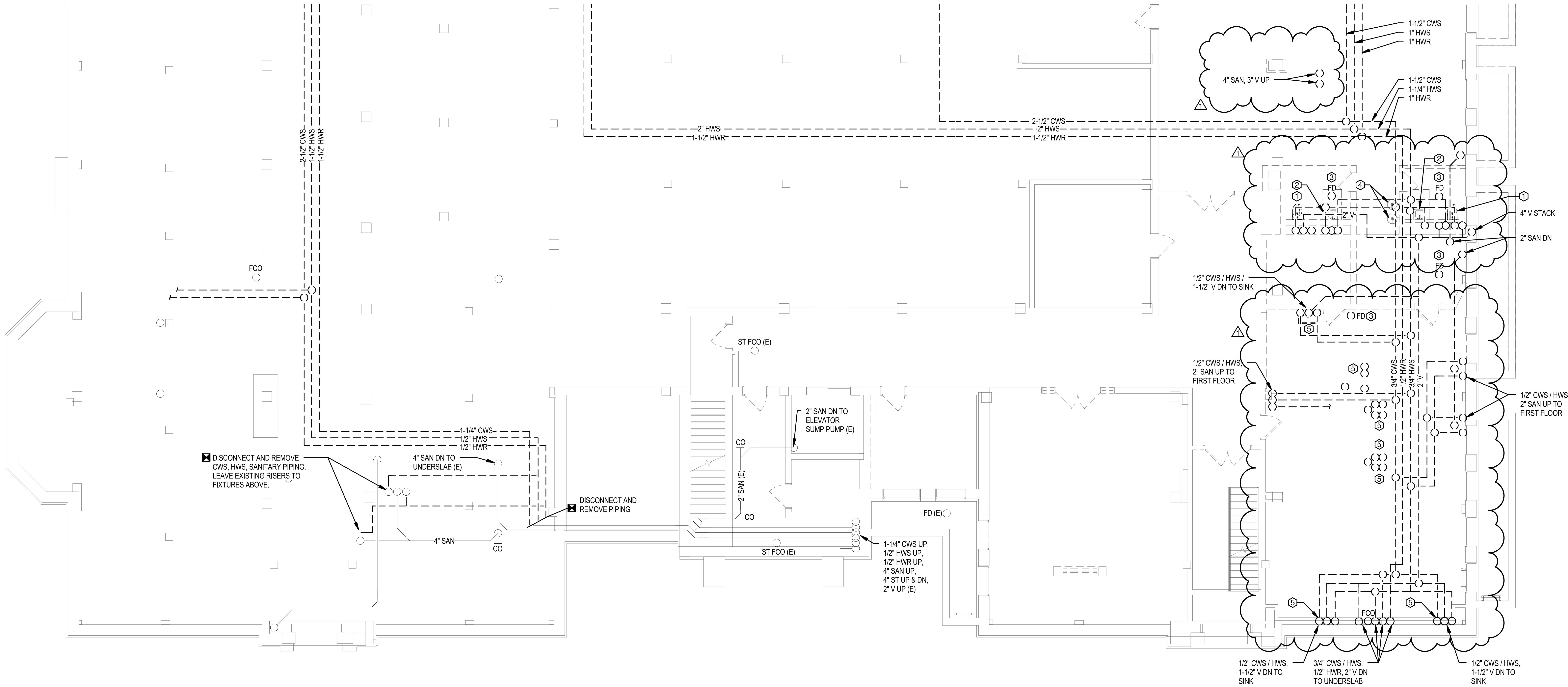

1 PLUMBING BASEMENT SOUTH DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. DISCONNECT AND REMOVE FLOOR MOUNT WATER CLOSET / FLUSH VALVE. REMOVE CWS / SAN /VENT PIPING.
2. DISCONNECT AND REMOVE LAVATORY / CARRIER / FAUCET. REMOVE CWS / HWS / SAN / VENT PIPING.
3. DISCONNECT AND REMOVE FLOOR DRAIN. PROVIDE WITH FLOOR CLEANOUT. FLOOR CUT AND PATCH BY OTHERS.
4. DISCONNECT AND REMOVE DRINKING FOUNTAIN. REMOVE CWS / SAN / VENT TO WITHIN WALL.
5. DISCONNECT AND REMOVE SINK / FAUCET. REMOVE CWS / HWS / SAN / VENT PIPING.

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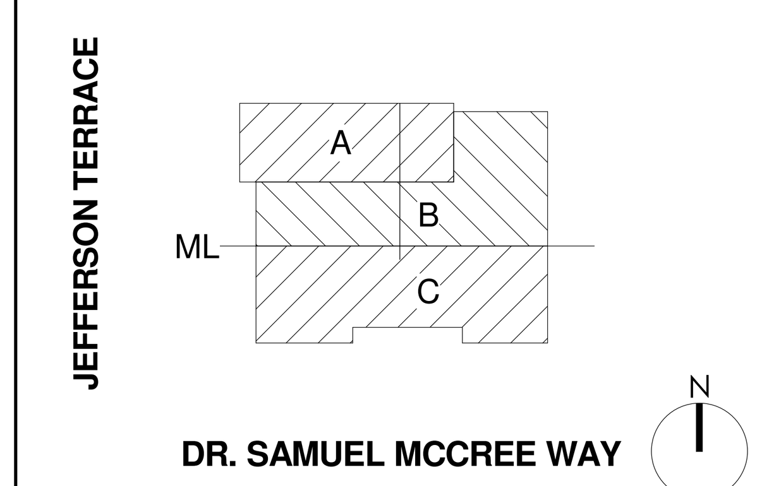

KEY PLAN

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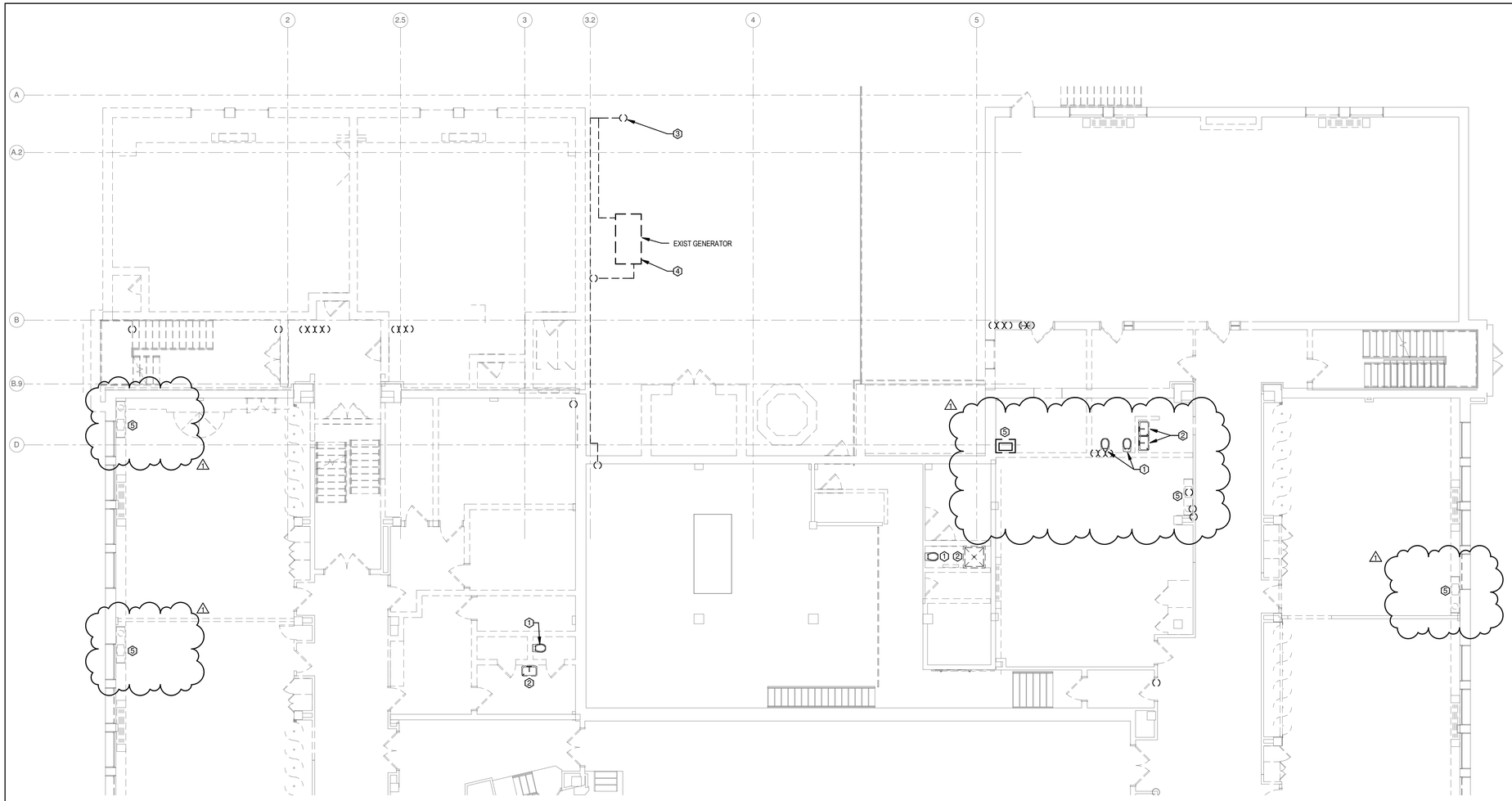
DRAWING TITLE

PLUMBING PARTIAL DEMOLITION BASEMENT PLAN

PD-101.2

ISSUED FOR BIDDING



1 PLUMBING FIRST FLOOR NORTH DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. DISCONNECT AND REMOVE FLOOR MOUNT WATER CLOSET / FLUSH VALVE. REMOVE CWS / SAN /VENT PIPING.
2. DISCONNECT AND REMOVE LAVATORY / CARRIER / FAUCET. REMOVE CWS / HWS / SAN / VENT PIPING.
3. DISCONNECT AND REMOVE GAS PIPING TO BUILDING. MAINTAIN METER / REGULATOR FOR NEW LOCATION. COORDINATE GAS WORK WITH LOCAL GAS UTILITY.
4. DISCONNECT AND REMOVE GAS PIPING TO GENERATOR. GENERATOR REMOVAL BY OTHERS.
5. DISCONNECT AND REMOVE SINK. REMOVE CWS / HWS / SAN / VENT TO WITHIN WALL.

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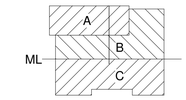

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Rochester Schools Modernization Program - Phase 2c

George M. Forbes - Renovation, Alterations and Addition

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GEORGE MATHER FORBES SCHOOL NO.4

JOB NO.	1711
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ISSUE DATE	4/25/18
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DRAWING TITLE

PLUMBING PARTIAL DEMOLITION FIRST FLOOR PLAN

PD-102.1

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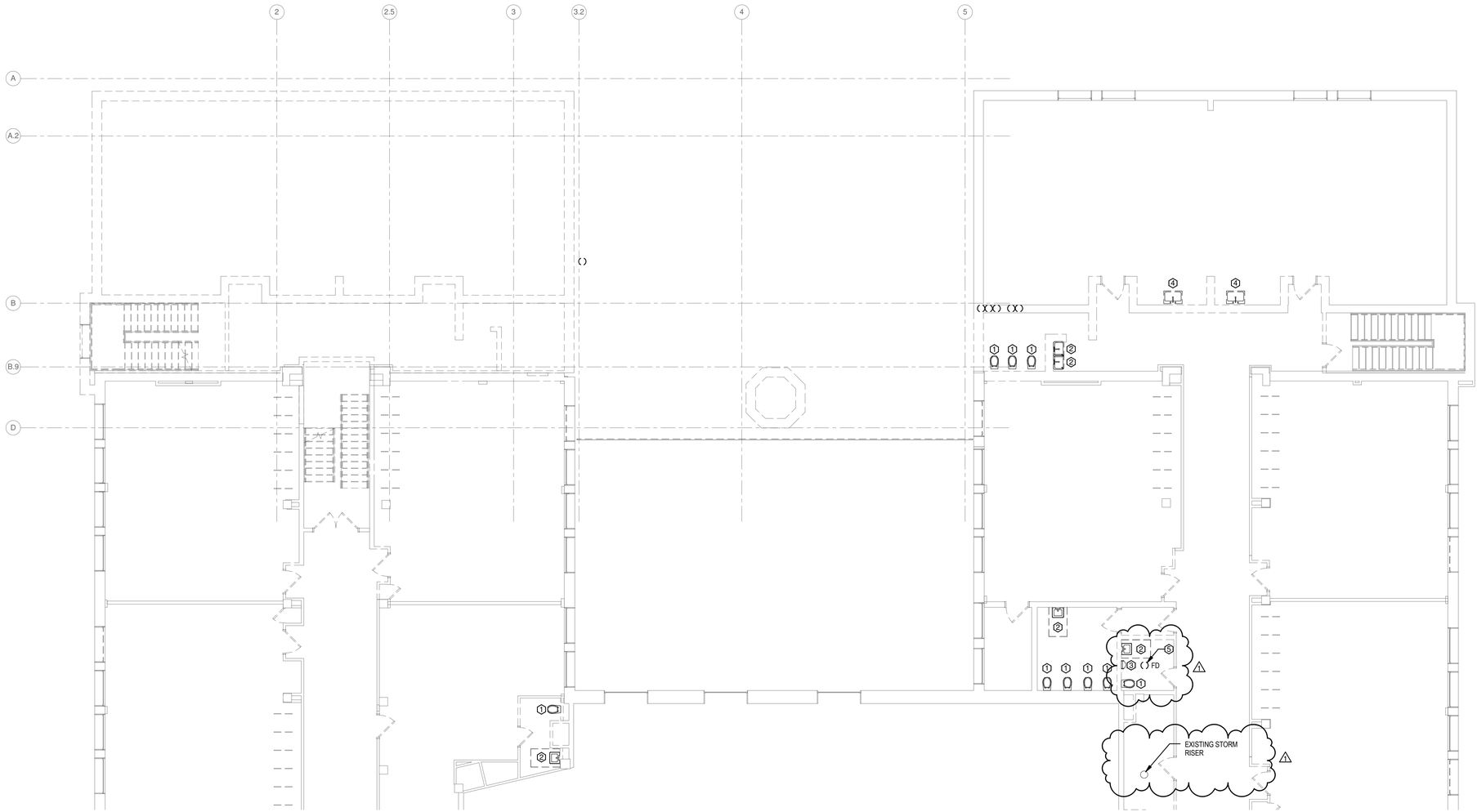

1 PLUMBING SECOND FLOOR NORTH DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. DISCONNECT AND REMOVE FLOOR MOUNT WATER CLOSET / FLUSH VALVE. REMOVE CWS / SAN /VENT PIPING.
2. DISCONNECT AND REMOVE LAVATORY / CARRIER / FAUCET. REMOVE CWS / HWS / SAN / VENT PIPING.
3. DISCONNECT AND REMOVE URINAL / FLUSH VALVE / CARRIER. REMOVE CWS / SAN / VENT TO WITHIN WALL.
4. DISCONNECT AND REMOVE SINK. REMOVE CWS / HWS / SAN / VENT TO WITHIN WALL.
5. DISCONNECT AND REMOVE FLOOR DRAIN. PROVIDE WITH FLOOR CLEANOUT. FLOOR CUT AND PATCH BY OTHERS.

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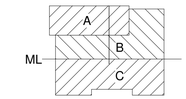

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Rochester Schools Modernization Program - Phase 2c

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DRAWING TITLE

PLUMBING PARTIAL DEMOLITION SECOND FLOOR PLAN

PD-103.1

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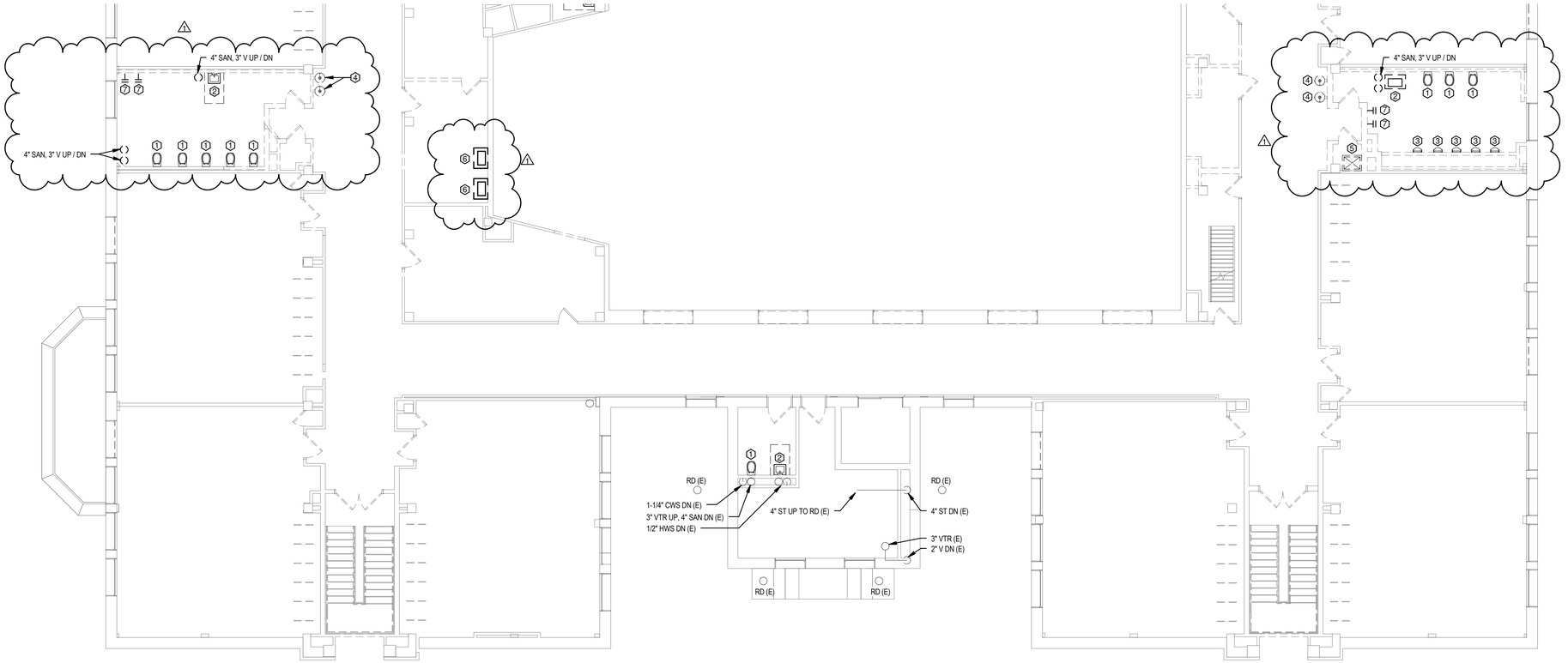

1 PLUMBING SECOND FLOOR SOUTH DEMOLITION PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. DISCONNECT AND REMOVE FLOOR MOUNT WATER CLOSET / FLUSH VALVE. REMOVE CWS / SAN /VENT PIPING.
2. DISCONNECT AND REMOVE LAVATORY / CARRIER / FAUCET. REMOVE CWS / HWS / SAN / VENT PIPING.
3. DISCONNECT AND REMOVE URINAL / FLUSH VALVE / CARRIER. REMOVE CWS / SAN / VENT PIPING.
4. DISCONNECT AND REMOVE DRINKING FOUNTAIN. REMOVE CWS / SAN / VENT TO WITHIN WALL.
5. DISCONNECT AND REMOVE MOP SINK BASIN / FAUCET. REMOVE CWS / HWS / SAN / VENT PIPING.
6. DISCONNECT AND REMOVE SINK. REMOVE CWS / HWS / SAN / VENT TO WITHIN WALL.
7. DISCONNECT AND REMOVE HOSE BIBB. REMOVE CWS PIPING.

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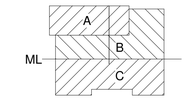

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KEY PLAN

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Rochester Schools Modernization Program - Phase 2c

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PLUMBING PARTIAL DEMOLITION SECOND FLOOR PLAN

PD-103.2

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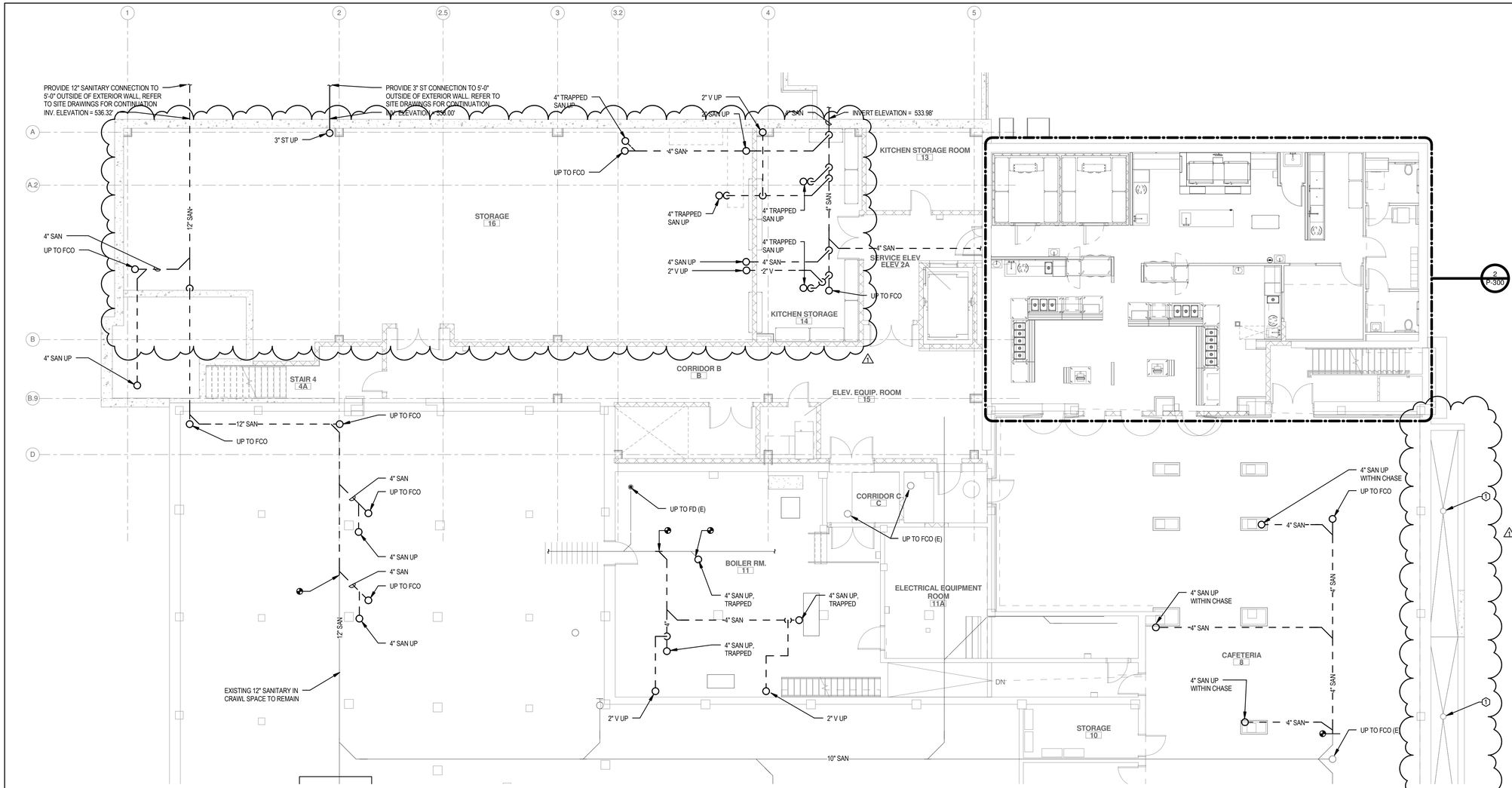

1 PLUMBING UNDERSLAB NORTH PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. CLEAN AREA WAY DRAIN AND PIPING TO 50' INSIDE OF BUILDING FOUNDATION WALL. PERFORM VIDEO INSPECTION OF PIPING. IF INSPECTED PIPING IS FAULTY, REPLACE AND ROUTE PIPING TO FOUNDATION DRAIN OUTSIDE OF BUILDING.

1

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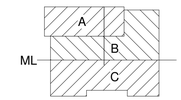

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DRAWING TITLE

UNDERSLAB PLUMBING PARTIAL FLOOR PLAN

P-100.1

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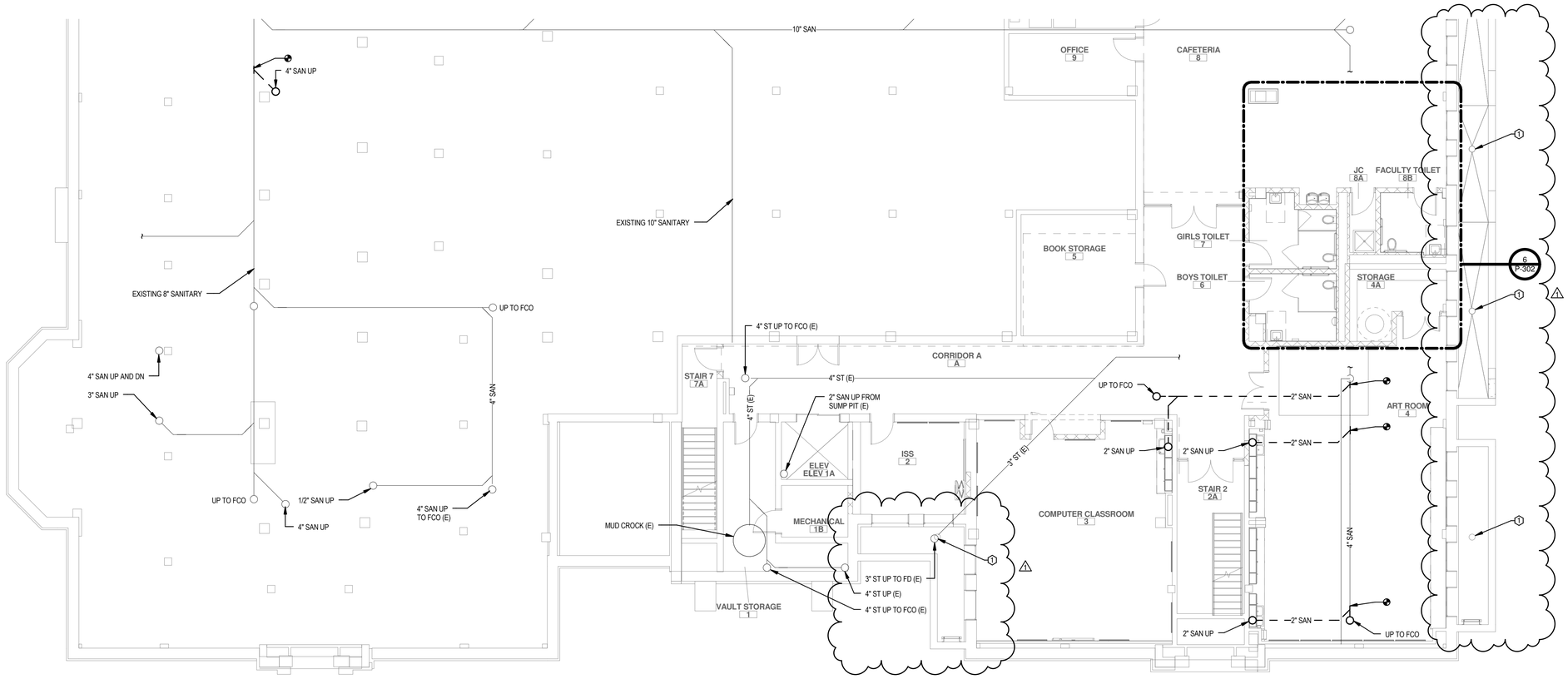

1 PLUMBING UNDERSLAB SOUTH PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1 CLEAN AREA WAY DRAIN AND PIPING TO 50' INSIDE OF BUILDING FOUNDATION WALL. PERFORM VIDEO INSPECTION OF PIPING. IF INSPECTED PIPING IS FAULTY, REPLACE AND ROUTE PIPING TO FOUNDATION DRAIN OUTSIDE OF BUILDING.

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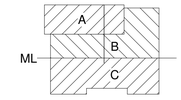

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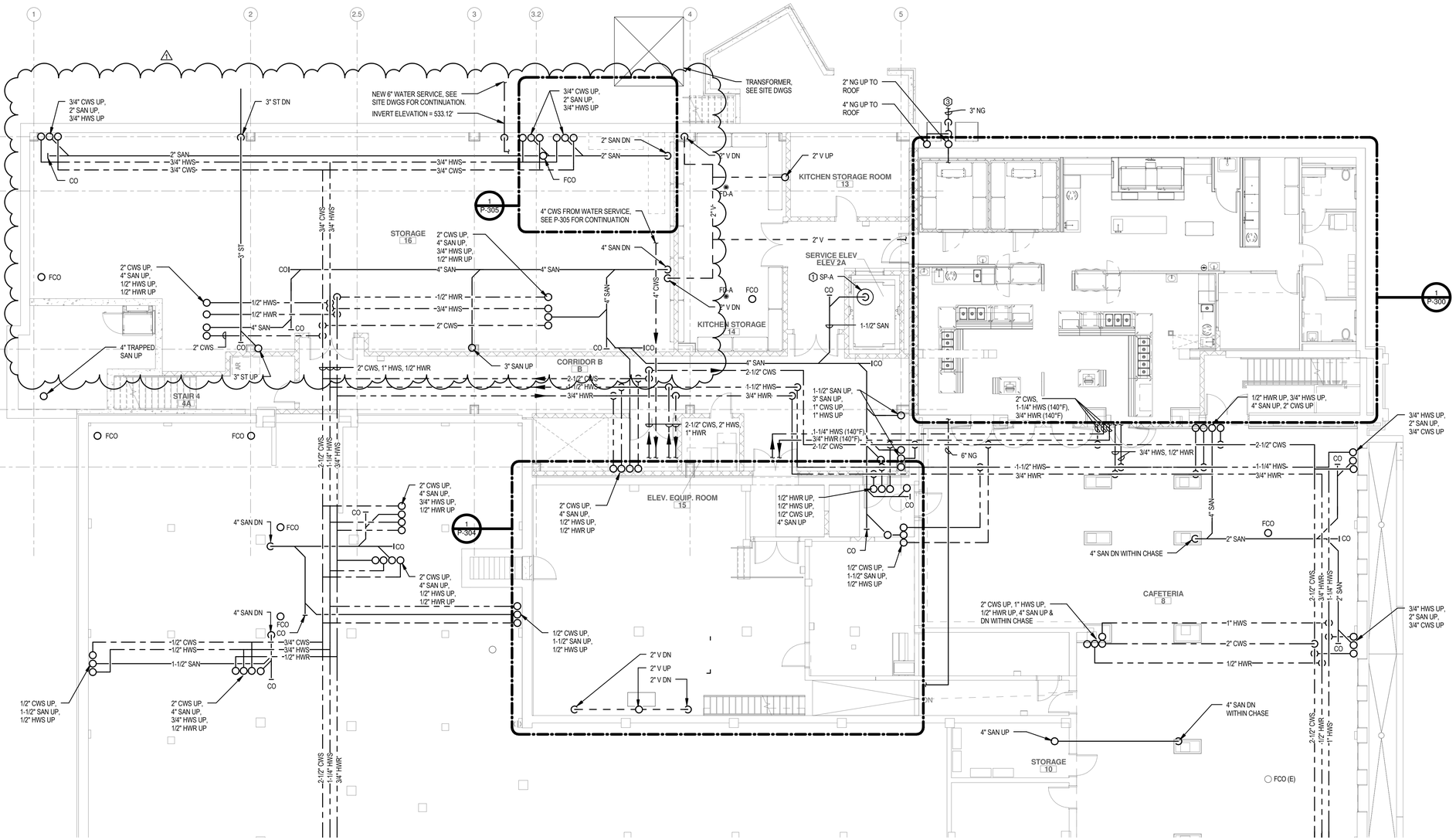
DRAWING TITLE

UNDERSLAB PLUMBING PARTIAL FLOOR PLAN

P-100.2

ISSUED FOR BIDDING



1 PLUMBING BASEMENT NORTH PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. PROVIDE SUMP PUMP / OIL GUARD IN SUMP PIT. SEE DETAIL ON P-402.
2. NOT USED.
3. PROVIDE GAS SERVICE, SEE DETAIL 5 / P-402.

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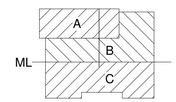

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Rochester NY, 14611

REV. #	DESCRIPTION	DATE
1	Revision 1	Date 1

GEORGE MATHER FORBES SCHOOL NO.4

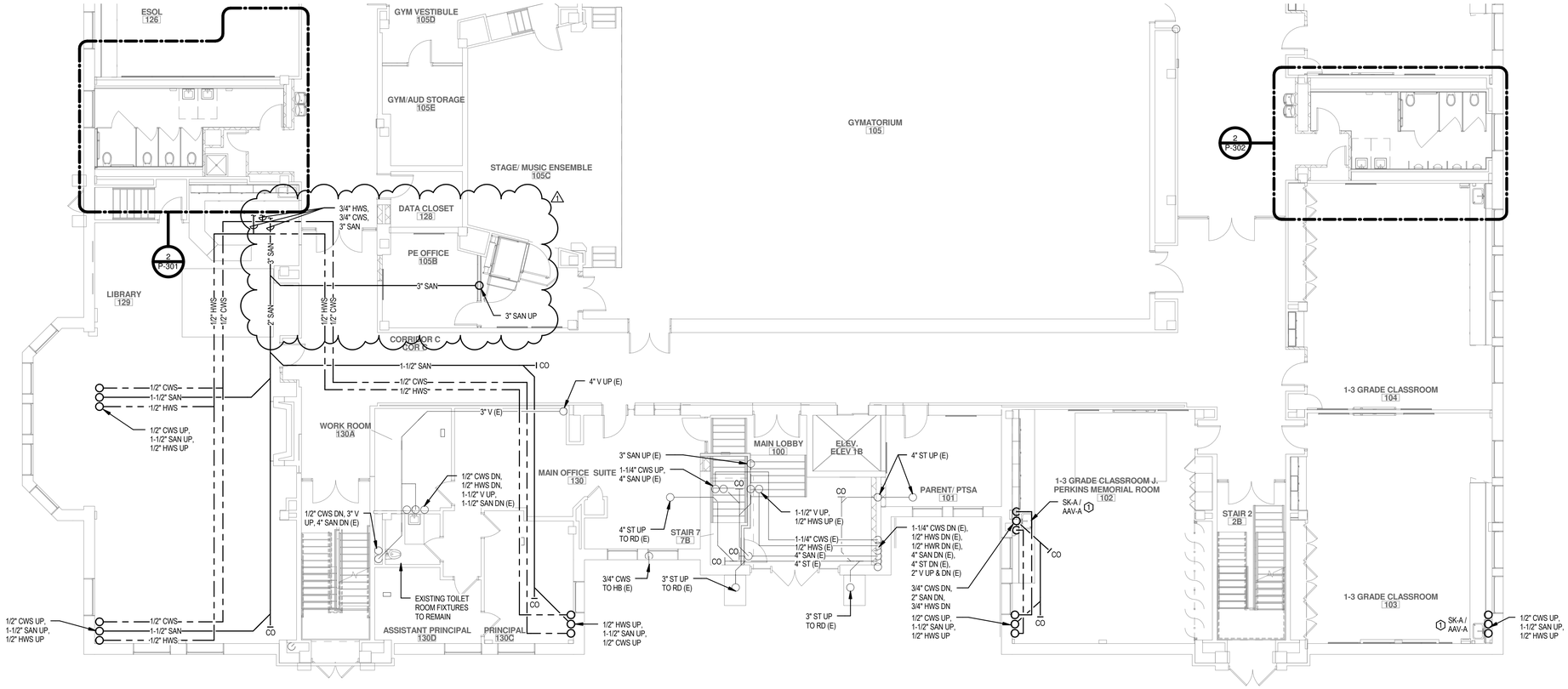
JOB NO.	1711
SCALE	1/8" = 1'-0"
ISSUE DATE	4/25/18
DRAWN BY	BCW
CHECKED BY	Checker

DRAWING TITLE

BASEMENT PLUMBING PARTIAL FLOOR PLAN

P-101.1

ISSUED FOR BIDDING



1 PLUMBING FIRST FLOOR SOUTH PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1 PROVIDE SINK (SK-A) AND AIR ADMITTANCE VALVE (AAV-A). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN CONNECTIONS.

CJS ARCHITECTS
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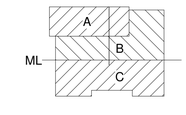
STATE OF NEW YORK
JOSEPH MICHAEL POPLI
LICENSED PROFESSIONAL ENGINEER
089533

JEFFERSON TERRACE



N

DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

Rochester Schools Modernization Program
- Phase 2c

George M. Forbes - Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester NY, 14611

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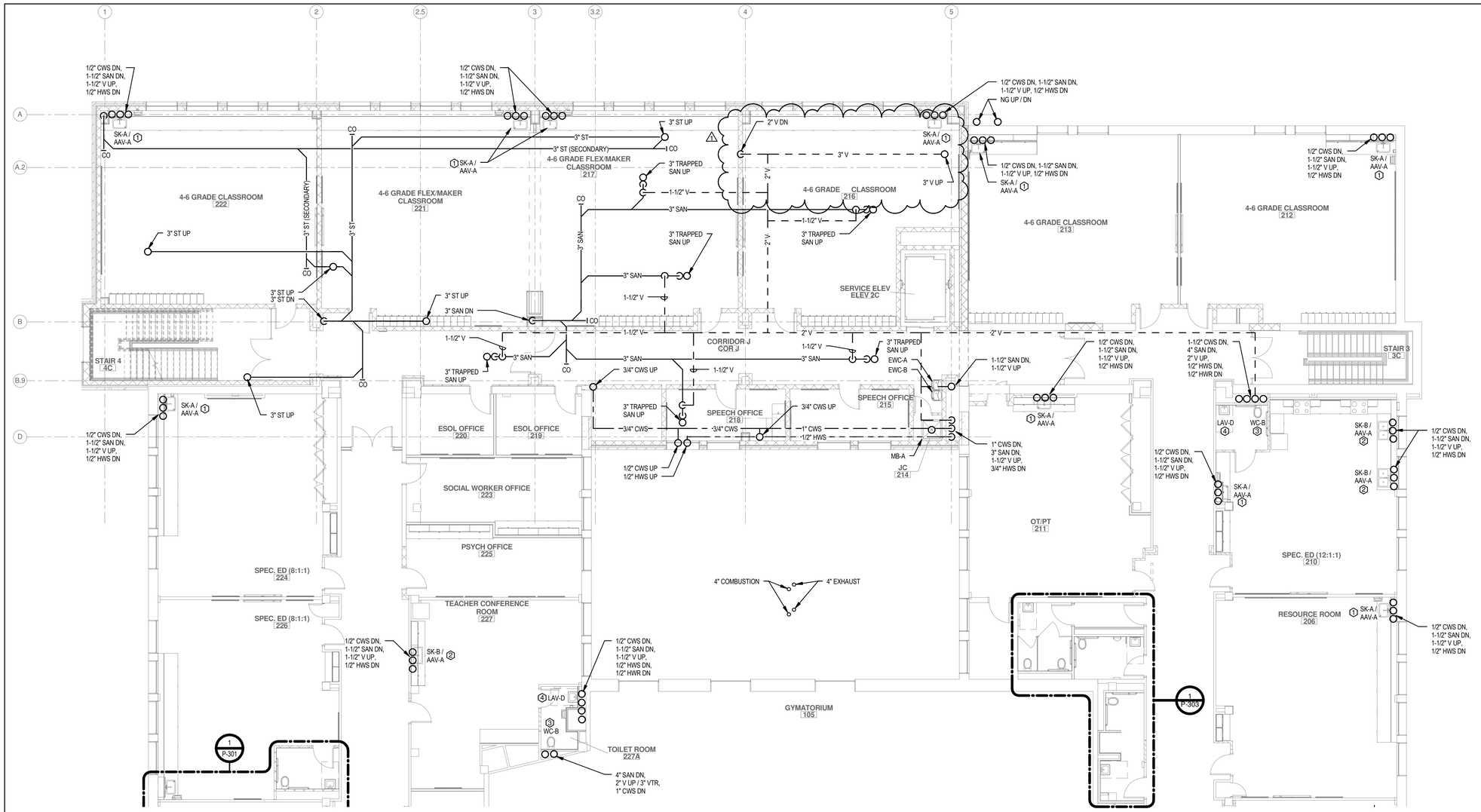
ISSUE DATE	4/25/18
DRAWN BY	BCW
CHECKED BY	Checker

DRAWING TITLE

FIRST FLOOR PLUMBING PARTIAL FLOOR PLAN

P-102.2

ISSUED FOR BIDDING



1 PLUMBING SECOND FLOOR NORTH PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. PROVIDE SINK (SK-A) AND AIR ADMITTANCE VALVE (AAV-A). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN CONNECTIONS.
2. PROVIDE SINK (SK-B) AND AIR ADMITTANCE VALVE (AAV-A). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN CONNECTIONS.
3. PROVIDE WATER CLOSET (WC-B). PROVIDE 1" CWS / 4" SAN / 2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
4. PROVIDE LAVATORY (LAV-D). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.

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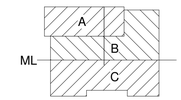
STATE OF NEW YORK JOSEPH MICHAEL POPLI 089533 LICENSED PROFESSIONAL ENGINEER

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

N

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

Rochester Schools Modernization Program - Phase 2c

George M. Forbes - Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
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JOB NO.	1711
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ISSUE DATE	4/25/18
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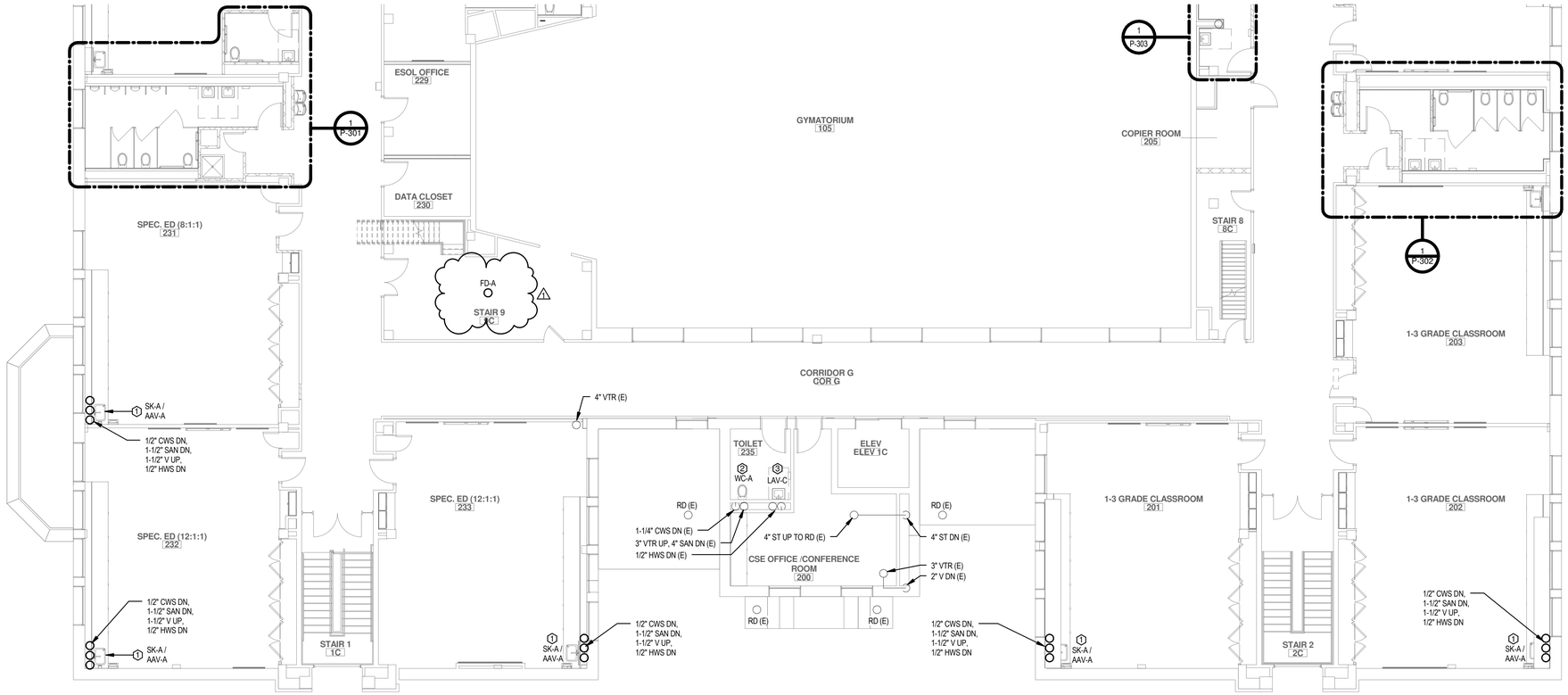
CHECKED BY	Checker

DRAWING TITLE

SECOND FLOOR PLUMBING PARTIAL FLOOR PLAN

P-103.1

ISSUED FOR BIDDING



1 PLUMBING SECOND FLOOR SOUTH PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. PROVIDE SINK (SK-A) AND AIR ADMITTANCE VALVE (AAV-A). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN CONNECTIONS.
2. PROVIDE WATER CLOSET (WC-A). PROVIDE 1" CWS / 4" SAN / 2" V CONNECTIONS TO EXISTING PIPE WITHIN CHASE.
3. PROVIDE LAVATORY (LAV-C). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS TO EXISTING PIPE WITHIN CHASE.

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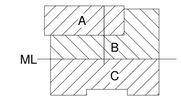
085533

JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

N

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

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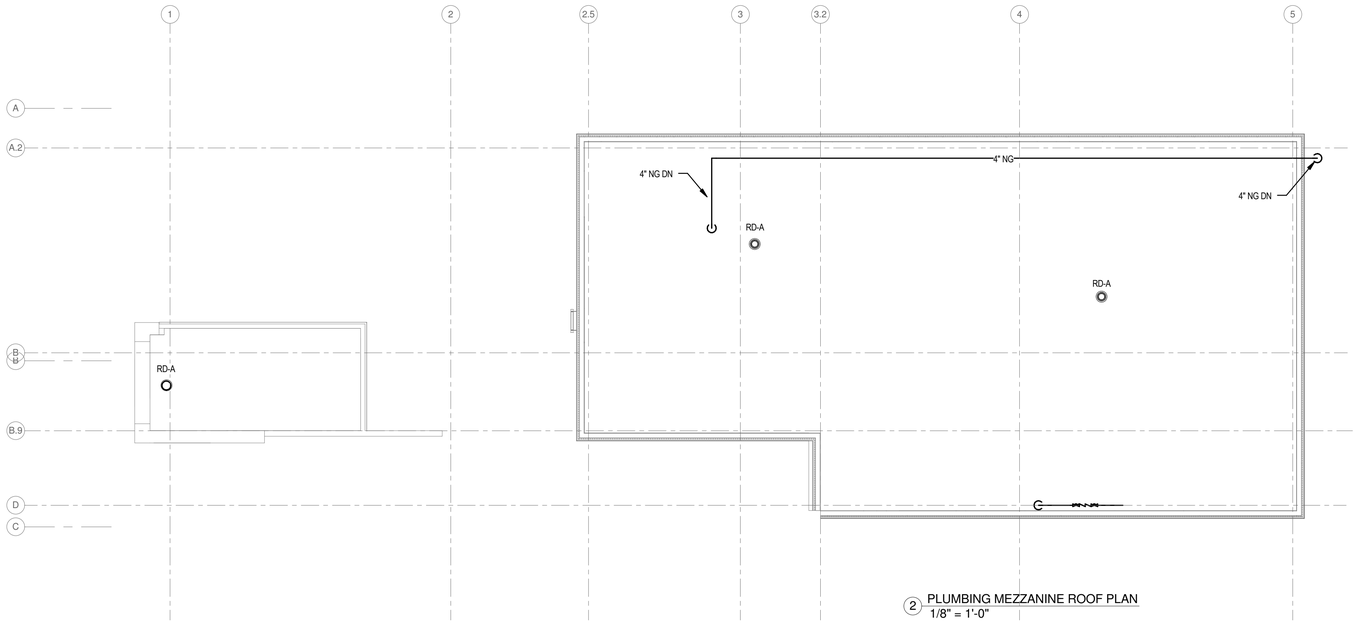
ISSUE DATE	4/25/18
DRAWN BY	BCW
CHECKED BY	Checker

DRAWING TITLE

SECOND FLOOR PLUMBING PARTIAL FLOOR PLAN

P-103.2

ISSUED FOR BIDDING



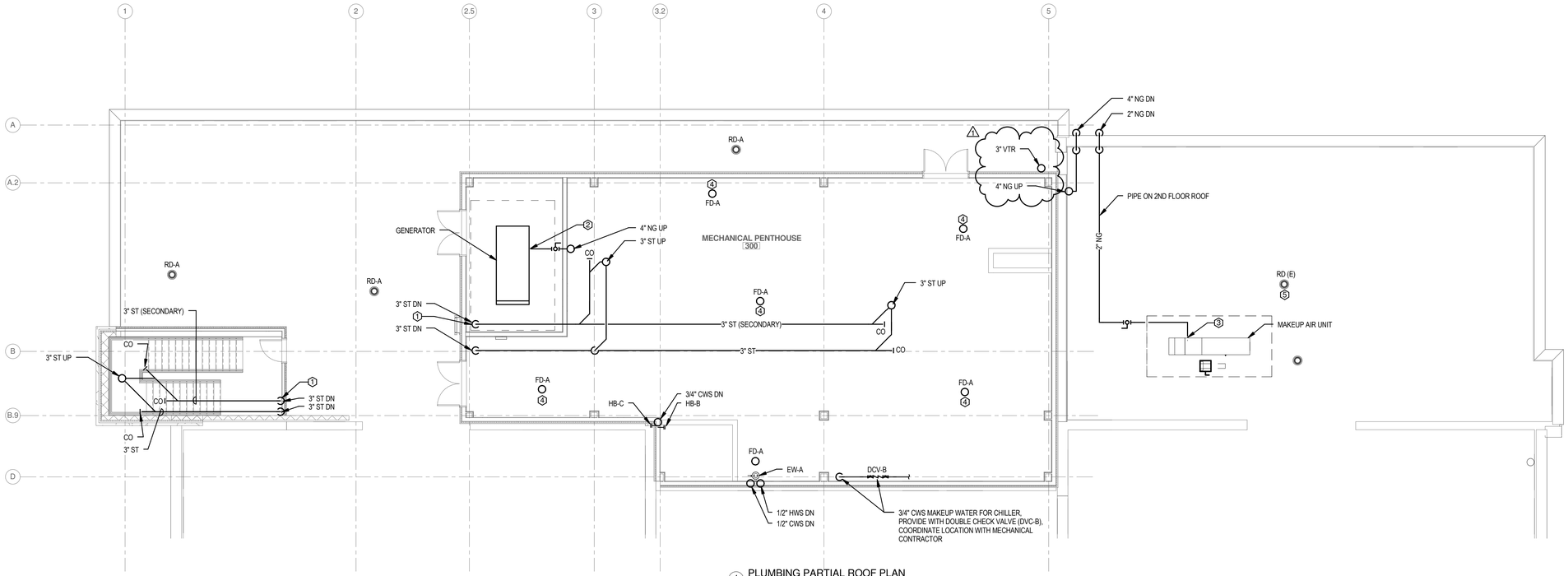
2 PLUMBING MEZZANINE ROOF PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. TERMINATE 12" ABOVE LOWER ROOF. PROVIDE WITH CAST BRONZE DOWNSPOUT NOZZLE, DESIGN BASED ON WATTS RD-940.
2. PROVIDE GAS CONNECTION TO GENERATOR. GENERATOR BY OTHERS.
3. PROVIDE GAS CONNECTION TO MAKEUP AIR UNIT. MAKEUP AIR UNIT BY OTHERS.
4. PROVIDE FLOOR DRAIN (FD-A). COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
5. DISCONNECT AND REMOVE ROOF DRAIN STRAINER FOR NEW ROOF WORK. MAINTAIN ROOF DRAIN BODY AND UNDER ROOF DECK ACCESSORIES. PROVIDE WITH RD-B, BASED ON ZURN RD2150. ROOFING BY OTHERS.



1 PLUMBING PARTIAL ROOF PLAN
1/8" = 1'-0"

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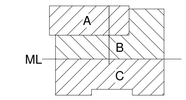

DR. SAMUEL MCCREE WAY

KEY PLAN

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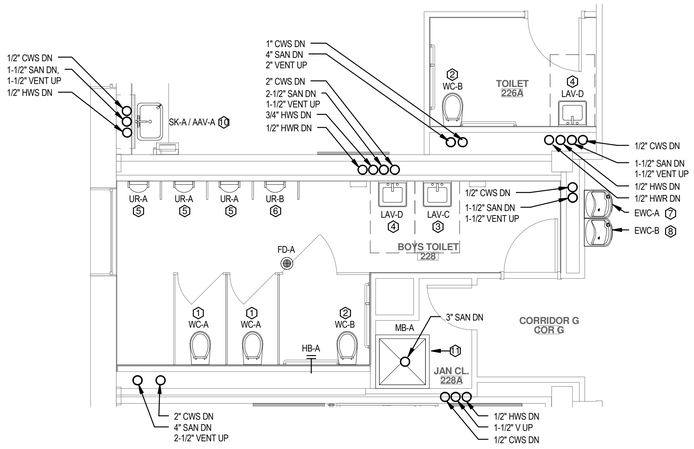
ISSUE DATE	4/25/18
DRAWN BY	BCW
CHECKED BY	Checker

DRAWING TITLE

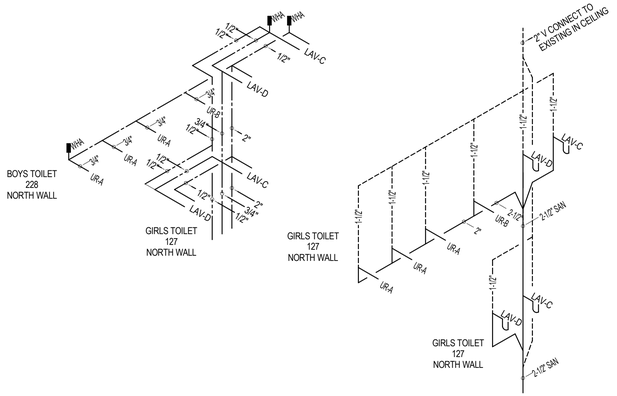
ROOF PLUMBING PARTIAL PLAN

P-104

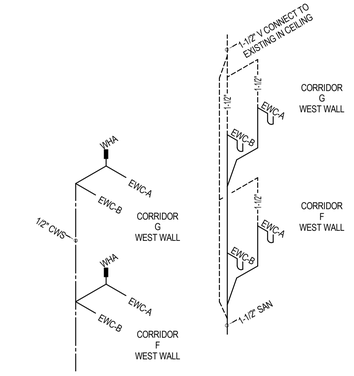
ISSUED FOR BIDDING



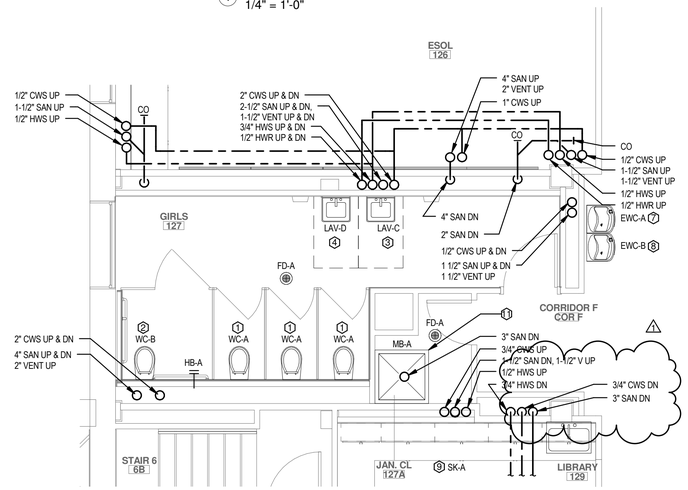
1 ENLARGED 2ND FLOOR BATHROOM WEST
1/4" = 1'-0"



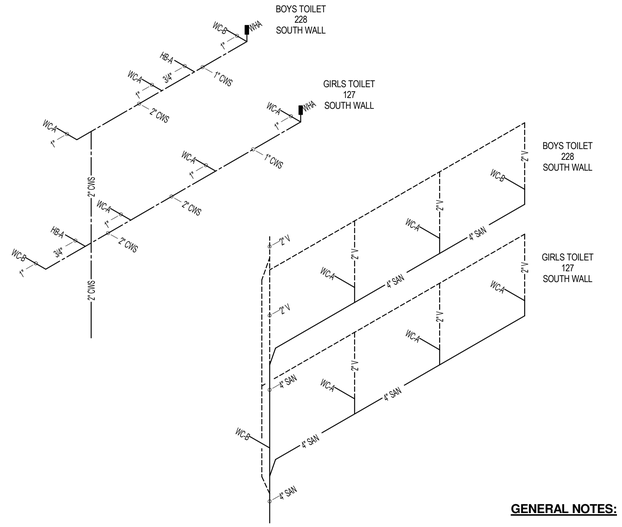
4 RISER DIAGRAMS
NTS



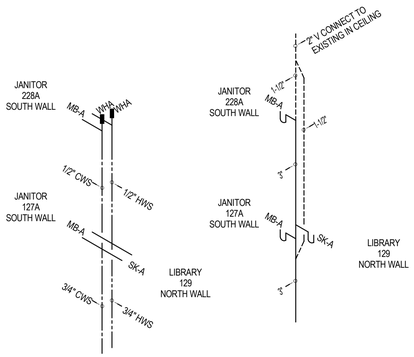
7 RISER DIAGRAMS
NTS



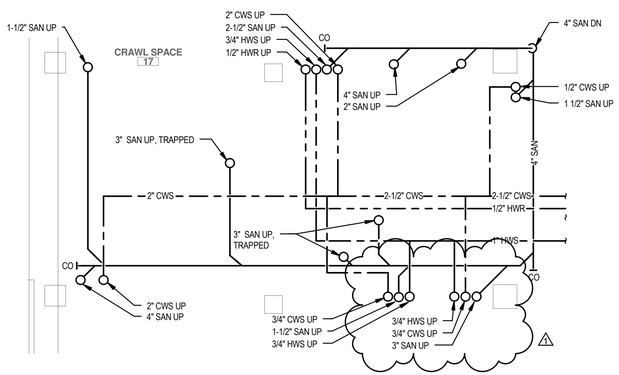
2 ENLARGED 1ST FLOOR BATHROOM WEST
1/4" = 1'-0"



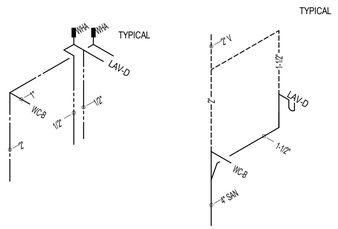
5 RISER DIAGRAMS
NTS



8 RISER DIAGRAMS
NTS



3 ENLARGED UNDER 1ST FLOOR BATHROOM WEST
1/4" = 1'-0"



6 RISER DIAGRAMS
NTS

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. PROVIDE WATER CLOSET (WC-A). PROVIDE 1" CWS / 4" SAN / 2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
2. PROVIDE WATER CLOSET (WC-B). PROVIDE 1" CWS / 4" SAN / 2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
3. PROVIDE LAVATORY (LAV-C). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
4. PROVIDE LAVATORY (LAV-D). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
5. PROVIDE URINAL (UR-A). PROVIDE 3/4" CWS / 3" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
6. PROVIDE URINAL (UR-B). PROVIDE 3/4" CWS / 3" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
7. PROVIDE ELECTRIC WATER COOLER (EWC-A). PROVIDE 1/2" CWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
8. PROVIDE ELECTRIC WATER COOLER (EWC-B). PROVIDE 1/2" CWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
9. PROVIDE SINK (SK-A). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
10. PROVIDE SINK (SK-A) AND AIR ADMITTANCE VALVE (AAV-A). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS.
11. PROVIDE MOP BASIN (MB-A). PROVIDE 3/4" CWS / 3/4" HWS / 3" TRAPPED SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.

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JOSEPH MICHAEL [illegible]
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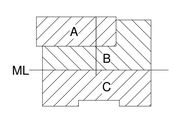
JEFFERSON TERRACE



DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

Rochester Schools Modernization Program - Phase 2c

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JOB NO.	1711
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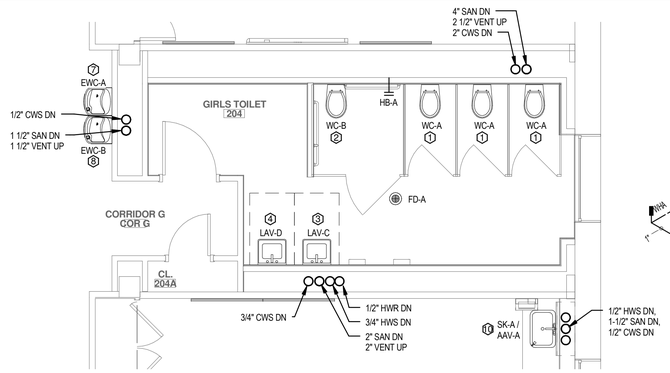
ISSUE DATE	4/25/18
DRAWN BY	BCW
CHECKED BY	Checker

DRAWING TITLE

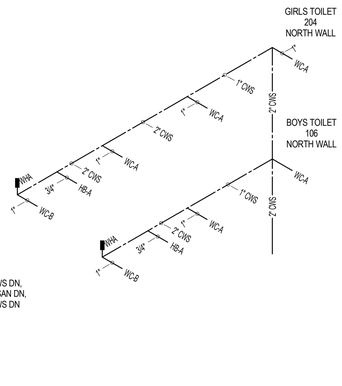
ENLARGED BATHROOM PLAN - WEST

P-301

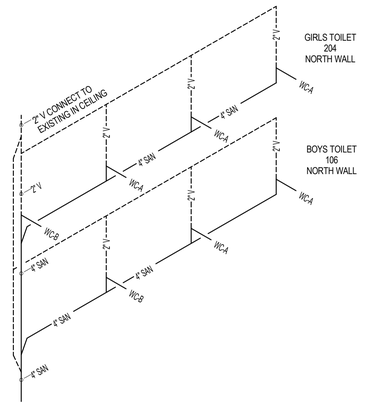
ISSUED FOR BIDDING

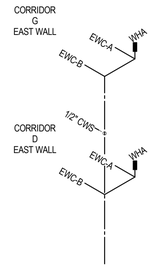


1 ENLARGED 2ND FLOOR BATHROOM EAST
1/4" = 1'-0"



4 RISER DIAGRAMS
NTS





7 RISER DIAGRAMS
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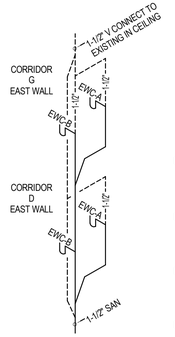

GENERAL NOTES:

1. ALL CUTTING AND PATCHING ASSOCIATED WITH THE PLUMBING SCOPE OF WORK SHALL BE COMPLETED BY THE PLUMBING CONTRACTOR.

DRAWING NOTES:

1. PROVIDE WATER CLOSET (WC-A). PROVIDE 1" CWS / 4" SAN / 2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
2. PROVIDE WATER CLOSET (WC-B). PROVIDE 1" CWS / 4" SAN / 2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
3. PROVIDE LAVATORY (LAV-C). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
4. PROVIDE LAVATORY (LAV-D). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
5. PROVIDE URINAL (UR-A). PROVIDE 3/4" CWS / 3" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
6. PROVIDE URINAL (UR-B). PROVIDE 3/4" CWS / 3" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
7. PROVIDE ELECTRIC WATER COOLER (EWC-A). PROVIDE 1/2" CWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
8. PROVIDE ELECTRIC WATER COOLER (EWC-B). PROVIDE 1/2" CWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.
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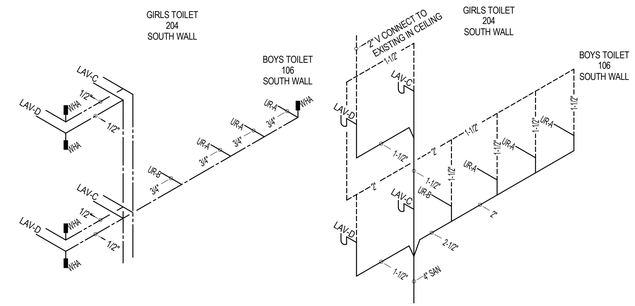
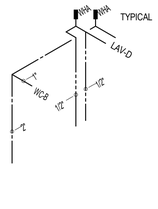
10. PROVIDE SINK (SK-A) AND AIR ADMITTANCE VALVE (AAV-A). PROVIDE 1/2" CWS / 1/2" HWS / 1-1/2" SAN / 1-1/2" V CONNECTIONS.
11. PROVIDE MOP BASIN (MB-A). PROVIDE 3/4" CWS / 3/4" HWS / 3" TRAPPED SAN / 1-1/2" V CONNECTIONS. SEE RISER DIAGRAMS FOR PIPING WITHIN CHASE.

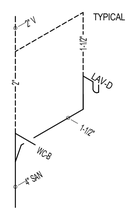
2 ENLARGED 1ST FLOOR BATHROOM EAST
1/4" = 1'-0"

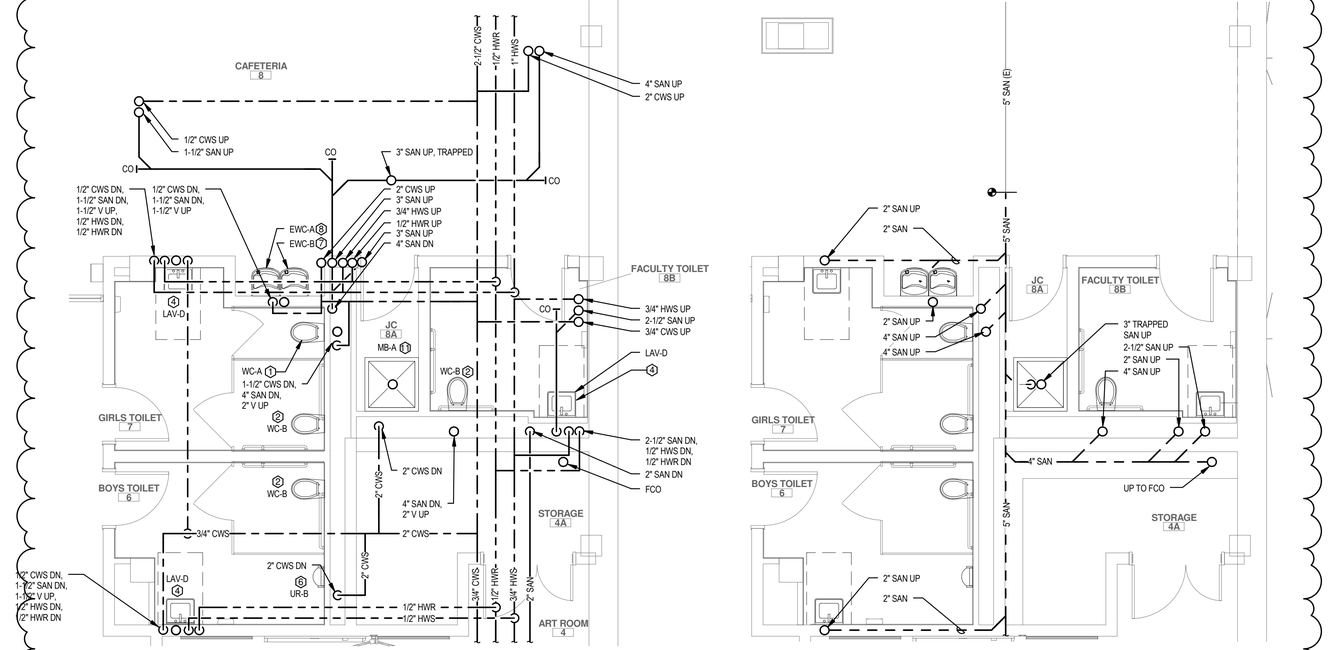


5 RISER DIAGRAMS
NTS



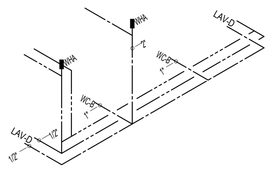
8 RISER DIAGRAMS
NTS

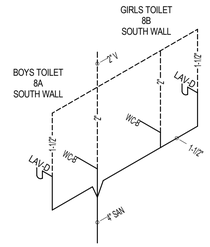




3 ENLARGED BASEMENT BATHROOM EAST
1/4" = 1'-0"

6 ENLARGED UNDERSLAB BATHROOM EAST
1/4" = 1'-0"





9 RISER DIAGRAMS
NTS

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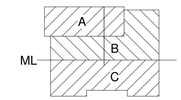

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Rochester Schools Modernization Program - Phase 2c

George M. Forbes - Renovation, Alterations and Addition

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REV. #	DESCRIPTION	DATE
1	Revision 1	Date 1

GEORGE MATHER FORBES SCHOOL NO.4

JOB NO.	1711
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DRAWING TITLE

ENLARGED BATHROOM PLAN - EAST

P-302

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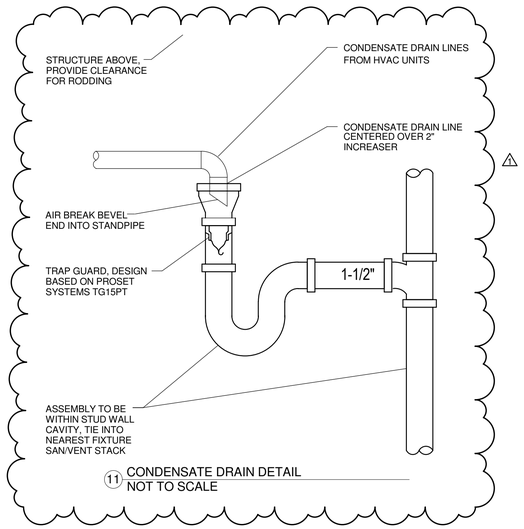
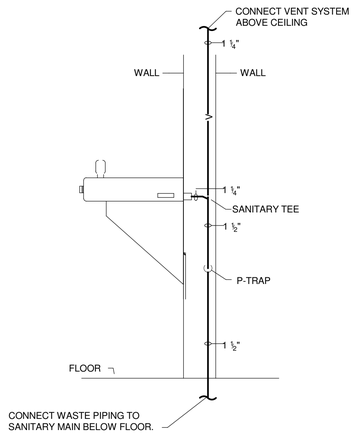
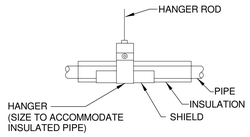


11 CONDENSATE DRAIN DETAIL
NOT TO SCALE

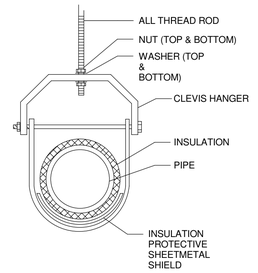


6 DRINKING FOUNTAIN DETAIL
NOT TO SCALE

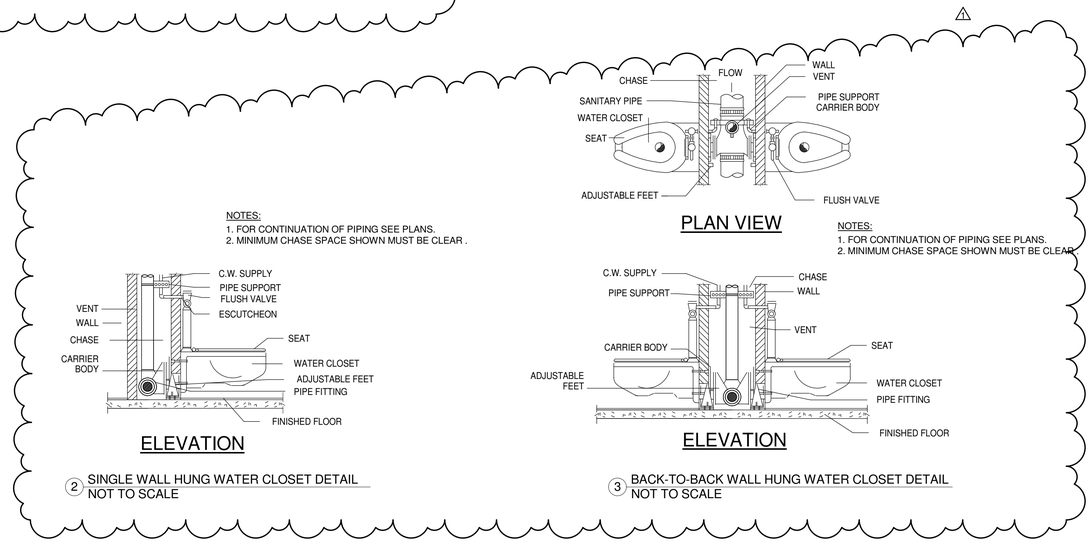


NOTE: WHERE WOOD BLOCKS OR EXTRA HEAVY DENSITY INSULATION IS USED FOR SUPPORT OF PIPES IN HANGERS, A SELF SEALING VAPOR BARRIER JACKET SHALL ENCLOSE THE SUPPORT.

9 PIPE HANGER DETAIL
NOT TO SCALE

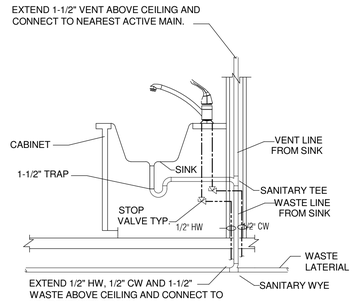


10 TYPICAL CLEVIS HANGER DETAIL
NOT TO SCALE

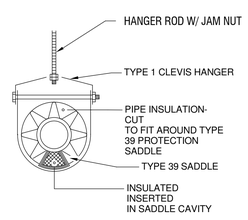


2 SINGLE WALL HUNG WATER CLOSET DETAIL
NOT TO SCALE

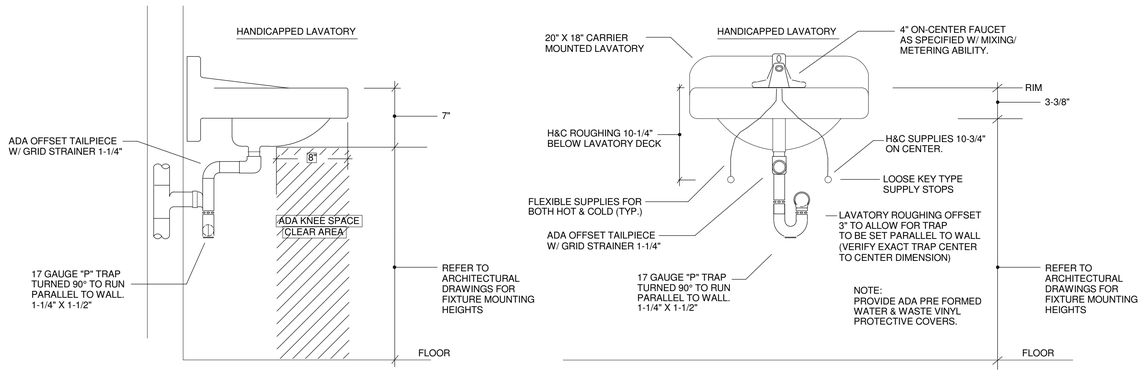
3 BACK-TO-BACK WALL HUNG WATER CLOSET DETAIL
NOT TO SCALE



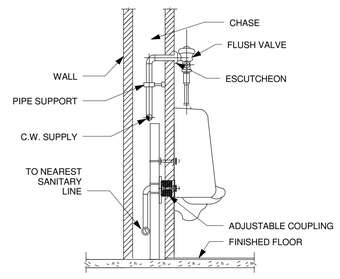
5 COUNTERTOP SINK DETAIL
NOT TO SCALE



8 PIPE HANGER WITH INSULATION DETAILS
NOT TO SCALE



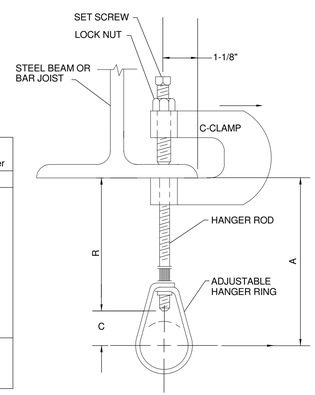
1 HANDICAPPED LAVATORY ROUGHING DETAIL
NOT TO SCALE



4 WALL HUNG URINAL DETAIL
NOT TO SCALE

DESIGN DATA FOR C-CLAMP HANGER

Nominal Pipe Size	Minimum A Dimension inches	Hanger Takeout inches	Rod Diameter inches
1/2	3 1/2	-1 1/4	3/8
3/4	3 1/2	-1 1/4	3/8
1	3 1/2	-1 1/4	3/8
1 1/4	3 3/4	-1 1/2	3/8
1 1/2	4	-1 1/2	3/8
2	4 1/4	-1 3/4	3/8
2 1/2	5	-2 1/4	3/8
3	5 1/2	-2 1/2	3/8
4	6	-3	3/8
5	6 3/4	-3 3/4	1/2
6	7 3/4	-4 1/2	1/2
8	9 1/4	-6	1/2



7 STANDARD C-CLAMP PIPE HANGER
NOT TO SCALE

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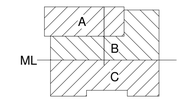

DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED # 26-16-00-01-7-999-020

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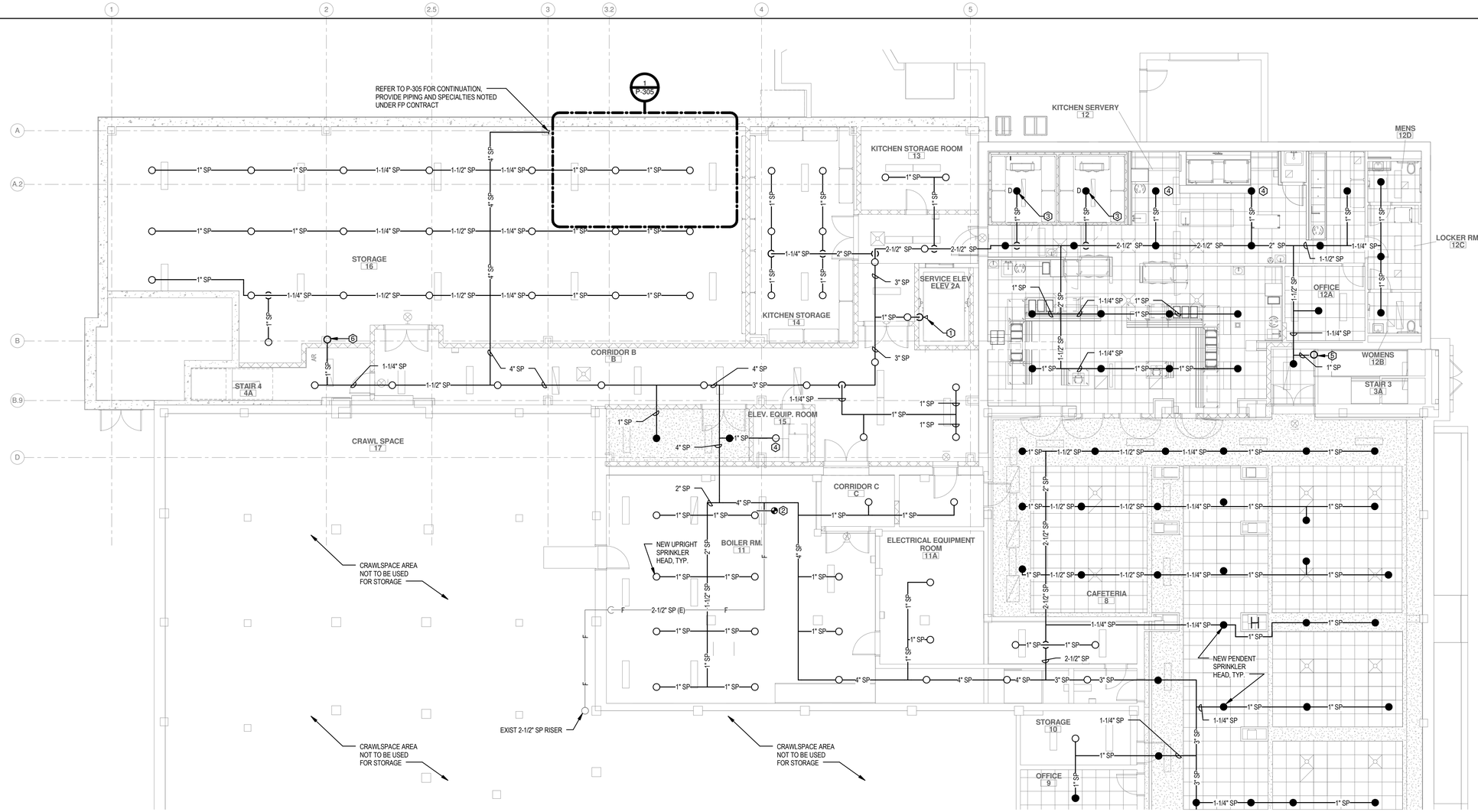
DRAWING TITLE

DETAILS

P-401

ISSUED FOR BIDDING



1 FIRE PROTECTION BASEMENT CEILING PLAN NORTH
1/8" = 1'-0"

GENERAL NOTES:

1. CEILING GRIDS, LIGHTS, AND DIFFUSERS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR FINAL CEILING TYPES, HEIGHTS, AND GRIDS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR FINAL LIGHTING AND DIFFUSER LOCATIONS.

DRAWING NOTES:

1. PROVIDE 1" SPRINKLER TO SIDEWALL HEAD NO MORE THAN 2' ABOVE BOTTOM OF ELEVATOR PIT. SUMP PUMP BY "P" CONTRACT.
2. PROVIDE CONNECTION TO EXISTING 2-1/2" SPRINKLER PIPING.
3. PROVIDE DRY PIPE SPRINKLER HEAD WITHIN FREEZER / COOLER AREAS. TYCO DS-1 DRY HEAD OR EQUIVALENT. ALL MAINS AND BRANCH PIPING TO BE CONCEALED WITHIN HEATED SPACE.
4. PROVIDE INTERMEDIATE TEMPERATURE SPRINKLER HEAD.
5. ROUTE 1" SPRINKLER RISER IN CORNER OF STAIRWELL, MAINTAIN CLEARANCE OF HAND RAILS AND STAIR TREADS. SEE FP-101 FOR CONTINUATION.
6. ROUTE 1" SPRINKLER PIPE UP IN CHASE, SEE FP-101 FOR CONTINUATION.

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BASEMENT FIRE PROTECTION PARTIAL FLOOR PLAN

FP-100.1

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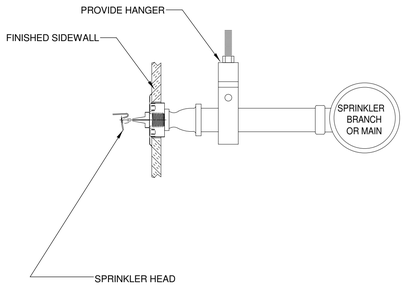
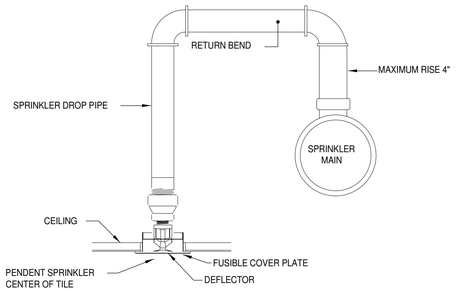
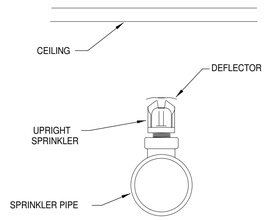


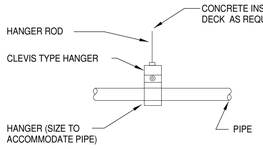
1 SIDEWALL SPRINKLER HEAD DETAIL
NOT TO SCALE



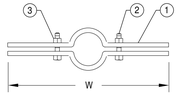
2 CONCEALED PENDENT SPRINKLER HEAD DETAIL
NOT TO SCALE



3 UPRIGHT SPRINKLER HEAD DETAIL
NOT TO SCALE



4 PIPE HANGER DETAIL
NOT TO SCALE

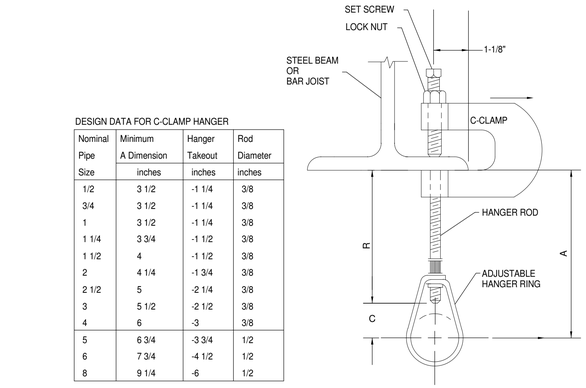


COMPONENTS:
1. PIPE CLAMP (2 PIECES)
2. SQUARE HEAD BOLT
3. HEX NUT

DESIGN DATA FOR RISER CLAMPS

NOMINAL PIPE SIZE	W DIMENSION	STEEL SIZE	BOLT SIZE
	INCHES	INCHES	INCHES
2 1/2 3 4	11 1/4 12 13 1/2	1/4" x 1-1/4" 1/4" x 1-1/4" 1/4" x 1-1/2"	3/8" x 1-1/2" 3/8" x 1-1/2" 1/2" x 1-1/2"
5 6 8	14 1/2 15 1/2 18 1/2	1/4" x 2" 1/4" x 2" 3/8" x 2"	1/2" x 1-1/2" 1/2" x 1-1/2" 5/8" x 2-1/2"

5 PIPE RISER CLAMP DETAIL
NOT TO SCALE



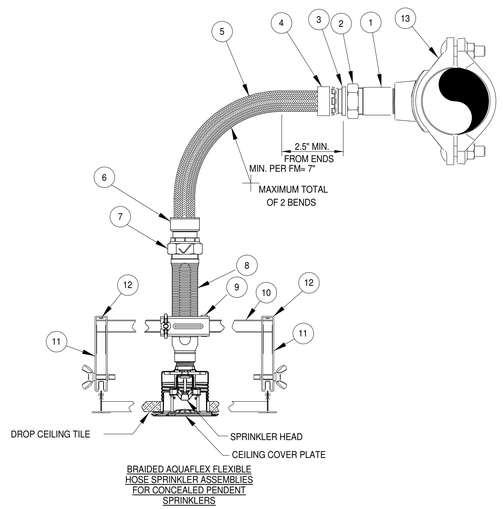
DESIGN DATA FOR C-CLAMP HANGER

Nominal Pipe Size	Minimum A Dimension	Hanger Takeout	Rod Diameter
	inches	inches	inches
1/2	3 1/2	-1 1/4	3/8
3/4	3 1/2	-1 1/4	3/8
1	3 1/2	-1 1/4	3/8
1 1/4	3 3/4	-1 1/2	3/8
1 1/2	4	-1 1/2	3/8
2	4 1/4	-1 3/4	3/8
2 1/2	5	-2 1/4	3/8
3	5 1/2	-2 1/2	3/8
4	6	-3	3/8
5	6 3/4	-3 3/4	1/2
6	7 3/4	-4 1/2	1/2
8	9 1/4	-6	1/2

6 STANDARD C-CLAMP PIPE HANGER
NOT TO SCALE

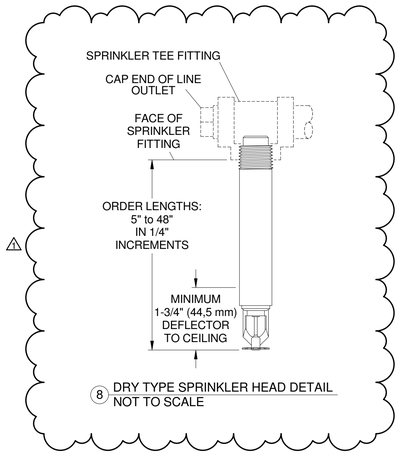
PRODUCT LEGEND

1 1" NIPPLE (INLET)
2 NUT
3 ADAPTER RING
4 COLLAR
5 304 STAINLESS STEEL FLEXIBLE BRAIDED HOSE (1" NOMINAL DIAMETER) (LENGTHS AVAILABLE 31", 48", 60", & 72")
6 COLLAR
7 NUT
8 REDUCING OUTLET (AVAILABLE 1/2" OR 3/4" FMPT)
9 CENTER BRACKET ASSEMBLY
10 SQUARE BAR (AVAILABLE IN 24" AND 48" LENGTHS)
11 END BRACKET ASSEMBLY
12 SHEET METAL SCREW
13 VIC MECHANICAL-T OUTLET STYLE 922 FIRELOCK (1" FMPT)



BRAIDED AQUAFLEX FLEXIBLE HOSE SPRINKLER ASSEMBLIES FOR CONCEALED PENDENT SPRINKLERS

7 FLEXIBLE PENDENT SPRINKLER HEAD DETAIL
NOT TO SCALE



8 DRY TYPE SPRINKLER HEAD DETAIL
NOT TO SCALE

POST INDICATOR VALVE SCHEDULE

TAG	FIXTURE TYPE	SIZE	MANUFACTURER	MODEL	COMMENTS
PIV-A	POST INDICATOR VALVE	4"	KENNEDY VALVE	G300E	BUTTERFLY TYPE

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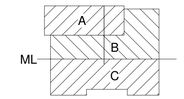

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SCHEDULES AND DETAILS

FP-400

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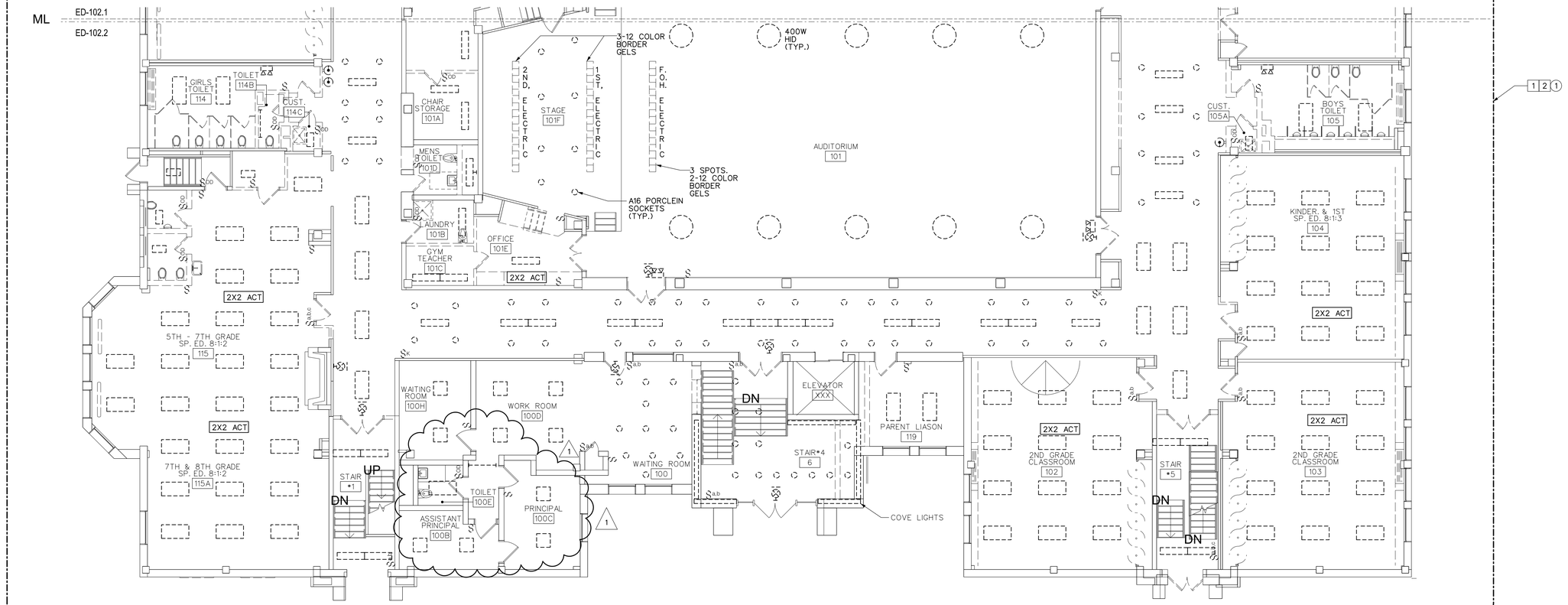

1 FIRST FLOOR DEMOLITION PLAN - LIGHTING
ED-102.2 1/8" = 1'-0"
0 4' 8' 16'

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

DEMOLITION NOTES:

1 DISCONNECT AND REMOVE ALL EXISTING LIGHTING, SWITCHING AND ASSOCIATED BRANCH CIRCUITNG BACK TO SOURCE; UNLESS NOTED OTHERWISE.

2 MAINTAIN ALL EXISTING EXIT LIGHT FIXTURES FOR CONSTRUCTION. DISCONNECT AND REMOVE AFTER COMPLETION. COORDINATE WITH CONSTRUCTION MANAGER

DRAWING NOTES:

(1) PROVIDE ALL REQUIRED TEMPORARY LIGHTING AND BRANCH CIRCUITING FOR CONSTRUCTION. LIGHTING LEVELS SHALL BE A MINIMUM OF 15FC IN AREAS OF CONSTRUCTION.

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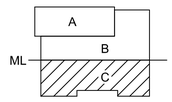

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REV. #	DESCRIPTION	DATE
1	ADDENDUM 1	4/25/18

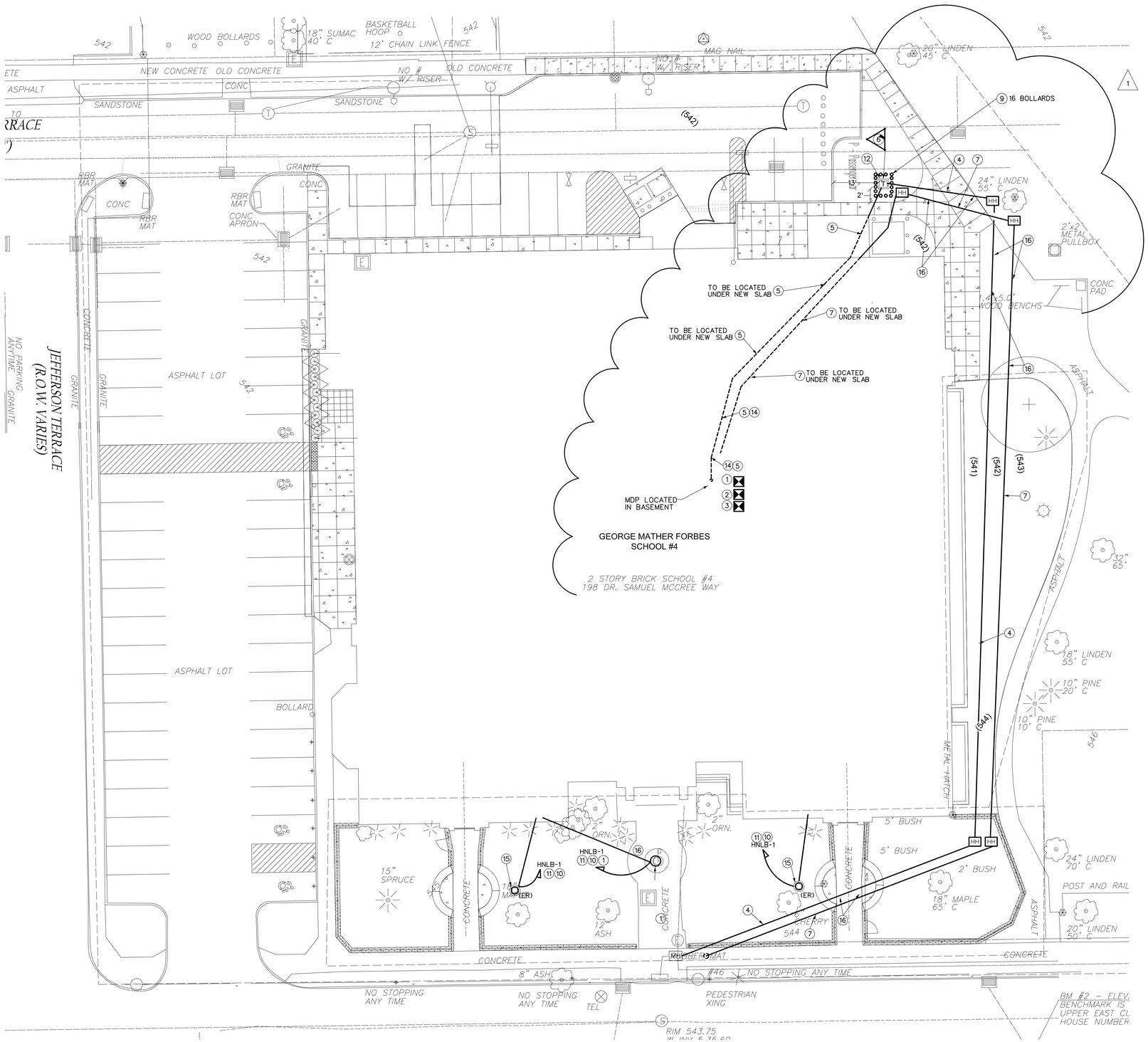
JOB NO.	1711
SCALE	AS NOTED
ISSUE DATE	4/9/18
DRAWN BY	IJN/DJP
CHECKED BY	DJP

DRAWING TITLE

FIRST FLOOR DEMOLITION PLAN - LIGHTING

ED-102.2

ISSUED FOR BIDDING



1 SITE PLAN - ELECTRICAL
E-001 1/16" = 1'-0"

0 8' 16' 32'

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE ALL SITE SUB GRADE WORK AS SPECIFIED. THIS INCLUDES, BUT IS NOT LIMITED TO DIGGING TRENCHES, BACK FILLING AND COMPACTION. ALL FINISH GRADE WORK SUCH AS SEEDING, ALL ASPHALT AND CONCRETE PATCHING SHALL BE DONE BY THE SITE CONTRACTOR. REFER TO SITE DRAWINGS AND DETAILS FOR TRENCHING, BACK FILLING, COMPACTION AND FINISH WORK REQUIREMENTS.

C. *IDENTIFY, FLAG AND PROTECT ALL EXISTING UTILITIES, OIL AND PROPANE PIPING PRIOR TO EXCAVATION.*

D. REFER TO SITE CONSULTANT DRAWINGS FOR ADDITIONAL INFORMATION ON SITE LIGHTING FIXTURE SCHEDULE, POLE DETAILS, ETC. SITE LIGHTING, POLES AND BASES BY SITE CONTRACTOR.

E. COORDINATE ALL SITE LIGHTING, HANDHOLE, ROUTES AND EXISTING UTILITIES WITH SITE DRAWINGS PRIOR TO WORK.

F. ALL BUILDING MOUNTED AND SITE LIGHTING SHALL BE CONNECTED THROUGH BUILDING WIDE ENERGY MANAGEMENT SYSTEM (DDC).

G. ROUTE ALL SITE LIGHTING POWER BACK TO BUILDING AS INDICATED. COORDINATE ALL ROUTES WITH EXISTING AND NEW UTILITIES PRIOR TO ROUTING.

H. ALL SITE LIGHTING, POLES AND BASES SHALL BE BY THIS CONTRACTOR.

I. REFER TO DRAWING E-002 FOR BUILDING MOUNTED LIGHTING.

DRAWING NOTES:

1. *ALTERNATE WORK:* PROVIDE FLAG POLE LIGHT FIXTURE. FIXTURE IS TO BE MOUNTED ONTO FLAGPOLE. FLAGPOLE LIGHTING SHALL BE "POLELED BASIC" LIGHTING. COORDINATE MOUNTING WITH G.C. AND MANUFACTUER OF LIGHTING. VERIFY DIAMETER OF FLAGPOLE PRIOR TO ORDERING FLAGPOLE LIGHTING. PROVIDE 4 POLE LIGHTING CONTACTOR FOR ONE 'c' FIXTURES. MOUNT CONTACTOR IN ELECT. ROOM 11A AND CONNECT TO BUILDING MANAGEMENT SYSTEM. PROVIDE 2-#8, 1-#8EG, 1"C TO PANELBOARD. CIRCUIT AS NOTED.
2. PROVIDE 12 POLE LIGHTING CONTACTOR FOR ZONE 'a' FIXTURES. MOUNT CONTACTOR IN ELECT. ROOM 11A AND CONNECT TO BUILDING MANAGEMENT SYSTEM. PROVIDE 2-#8, 1-#8EG, 1"C TO PANELBOARD. CIRCUIT AS NOTED.
3. PROVIDE 12 POLE LIGHTING CONTACTOR FOR ZONE 'b' FIXTURES. MOUNT CONTACTOR IN ELECT. ROOM 11A AND CONNECT TO BUILDING MANAGEMENT SYSTEM. PROVIDE 2-#8, 1-#8EG, 1"C TO PANELBOARD. CIRCUIT AS NOTED.
4. PROVIDE PRIMARY SERVICE ENTRANCE UNDERGROUND DUCTBANK CONCRETE ENCASED AT 36 INCHES BELOW GRADE FROM UTILITY POLE TO TRANSFORMER. PROVIDE COMPACTED BACKFILL AS REQUIRED. REFER TO SITE SPECIFICATIONS FOR COMPACTION REQUIREMENTS. REFER TO ONE-LINE DIAGRAM ON DRAWINGS FOR SIZES AND ADDITIONAL WORK. COORDINATE ROUTING WITH SITE DRAWINGS.
5. PROVIDE SECONDARY SERVICE ENTRANCE UNDERGROUND DUCTBANK CONCRETE ENCASED AT 24 INCHES BELOW GRADE FROM TRANSFORMER TO SCHOOL POWER DISTRIBUTION SYSTEM. PROVIDE COMPACTED BACKFILL AS REQUIRED. REFER TO SITE SPECIFICATIONS FOR COMPACTION REQUIREMENTS. REFER TO ONE-LINE DIAGRAM ON DRAWINGS FOR SIZES AND ADDITIONAL WORK. COORDINATE ROUTING WITH SITE DRAWINGS.
6. PROVIDE ELECTRODE GROUND GRID PER DETAIL DRAWINGS E-701.
7. PROVIDE COMMUNICATIONS DUCTBANK CONCRETE ENCASED AT 24 INCHES BELOW GRADE TO SCHOOL WITH THREE (3) EMPTY 4" CONDUITS WITH PULL STRINGS TO ACCOMMODATE TELECOMMUNICATIONS EQUIPMENT. PROVIDE COMPACTED BACKFILL AS REQUIRED. REFER TO SITE SPECIFICATIONS FOR COMPACTION REQUIREMENTS. COORDINATE ROUTING WITH SITE DRAWINGS.
8. PROVIDE THREE (3) HANDHOLES TO ACCOMMODATE SITE LIGHTING BRANCH CIRCUITING. COORDINATE LOCATIONS IN FIELD WITH ENGINEER.
9. PROVIDE PROTECTIVE BOLLARDS, QUANTITY AND LOCATION AS REQUIRED BY RG AND E.
10. CONNECT THRU LIGHTING CONTACTOR TO BE CONTROLLED BY DDC SYSTEM. PROVIDE ALL WIRING REQUIRED TO GO THRU DDC SYSTEM. PROVIDE COORDINATION OF ZONING WITH OWNER'S REPRESENTATIVE TO DETERMINE ZONE'S OF BUILDING AND POLE MOUNTED LIGHTING.
11. PROVIDE ONE (1) SET OF FEEDER, SIZE AS INDICATED, DIRECT BURIED BACK TO POWER PANEL AS INDICATED FOR FIXTURES NOTED.
12. PROVIDE PAD MOUNTED TRANSFORMER FOUNDATION PAD/VAULT PER DETAIL ON DRAWING E-701.
13. STUB UP INTO INSIDE OF BUILDING FROM UNDERGROUND.
14. PROVIDE SAW CUTTING OF EXISTING FLOOR TO ACCOMMODATE SECONDARY FEEDER INTO MDP. PROVIDE ALL PATCHING TO MATCH OF FLOOR.
15. RELOCATE EXISTING POLE, AND LUMINAIRE TO NEW LOCATION. PROVIDE NEW POLE BASE. BASE SHALL MATCH EXISTING POLE BOLT PATTERN. PROVIDE LED RETEROFIT KIT AT EXISITNG POLE. PROVIDE FIELD VERIFICATION TO DETERMINE RETROFIT KIT REQUIREMENTS.
16. PROVIDE SAWCUTTING AND PATCHING TO MATCH OF EXISTING ASPHALT/CONCRETE WALKWAYS TO ACCOMMODATE ELECTRICAL SERVICE WORK.

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Rochester Schools Modernization Program
-Phase 2c
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198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	ADDENDUM 1	4/25/18

JOB NO.	1711
SCALE	AS NOTED
ISSUE DATE	4/9/18
DRAWN BY	IJN/DJP
CHECKED BY	DJP

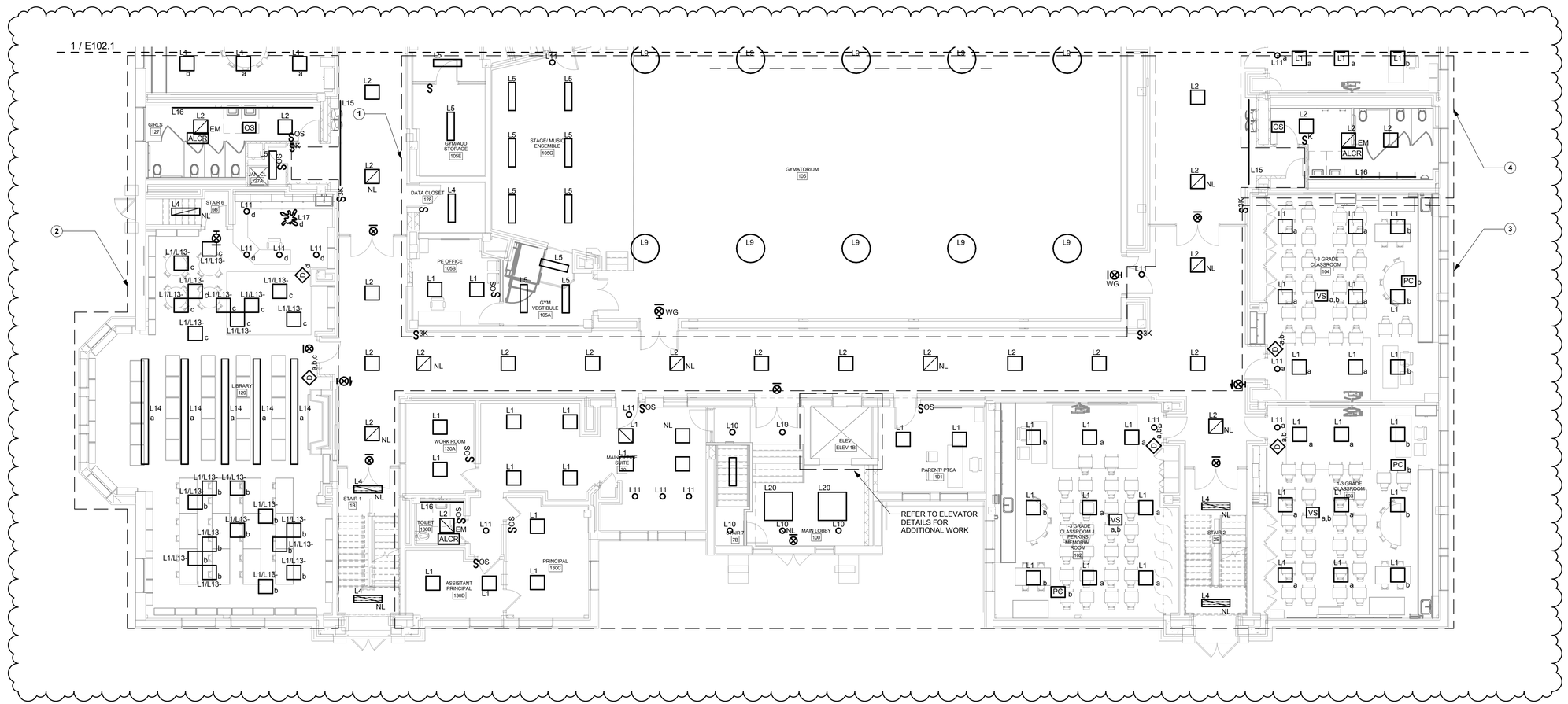
THIS IS A SINGLE SHEET OF A COHESIVE SET OF CONSTRUCTION DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS). INTERPRETATION OF THE INFORMATION AS PRESENTED SHOULD BE BASED ON THE ENTIRE SET OF DOCUMENTS.

DRAWING TITLE

SITE PLAN - ELECTRICAL

E-001

ISSUED FOR BIDDING



1 FIRST FLOOR PLAN - C - LIGHTING
1/8" = 1'-0"

0' 4' 8' 16'

E102.2 GENERAL NOTES

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXIT LIGHT FIXTURES ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #7. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

C. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'NL' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #9. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

D. PROVIDE 277V NORMAL LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN CORRIDOR FROM PANEL HNL1-1LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #2. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

E. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'EM' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #11. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

F. REFER TO POWER & SS DRAWINGS FOR PANELBOARD LOCATIONS.

E102.2 DRAWING NOTES

① PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #4. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

② PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #6. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

③ PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #8. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

④ PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #10. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

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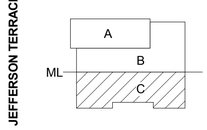

DR. SAMUEL MCCREE WAY

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KEY PLAN

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DRAWING TITLE

FIRST FLOOR PLAN - C - LIGHTING

E102.2

ISSUED FOR BIDDING

DRAWING NOTES:

1. PROVIDE 12 POLE LIGHTING CONTACTOR FOR ZONE 'a' FIXTURES. MOUNT CONTACTOR IN ELECT. ROOM xxx AND CONNECT TO BUILDING MANAGEMENT SYSTEM. PROVIDE 2-#8, 1-#8EG, 1"C TO PANELBOARD. CIRCUIT AS NOTED.
2. PROVIDE 12 POLE LIGHTING CONTACTOR FOR ZONE 'b' FIXTURES. MOUNT CONTACTOR IN ELECT. ROOM xxxx AND CONNECT TO BUILDING MANAGEMENT SYSTEM. PROVIDE 2-#8, 1-#8EG, 1"C TO PANELBOARD. CIRCUIT AS NOTED.

GENERAL NOTES:

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. REFER TO DRAWING E001 FOR ADDITIONAL INFORMATION ON WORK RELATED TO SITE LIGHTING.

C. PROVIDE 277V EMERGENCY POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXTERIOR LIGHT FIXTURES SHOWN FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS NOTED.

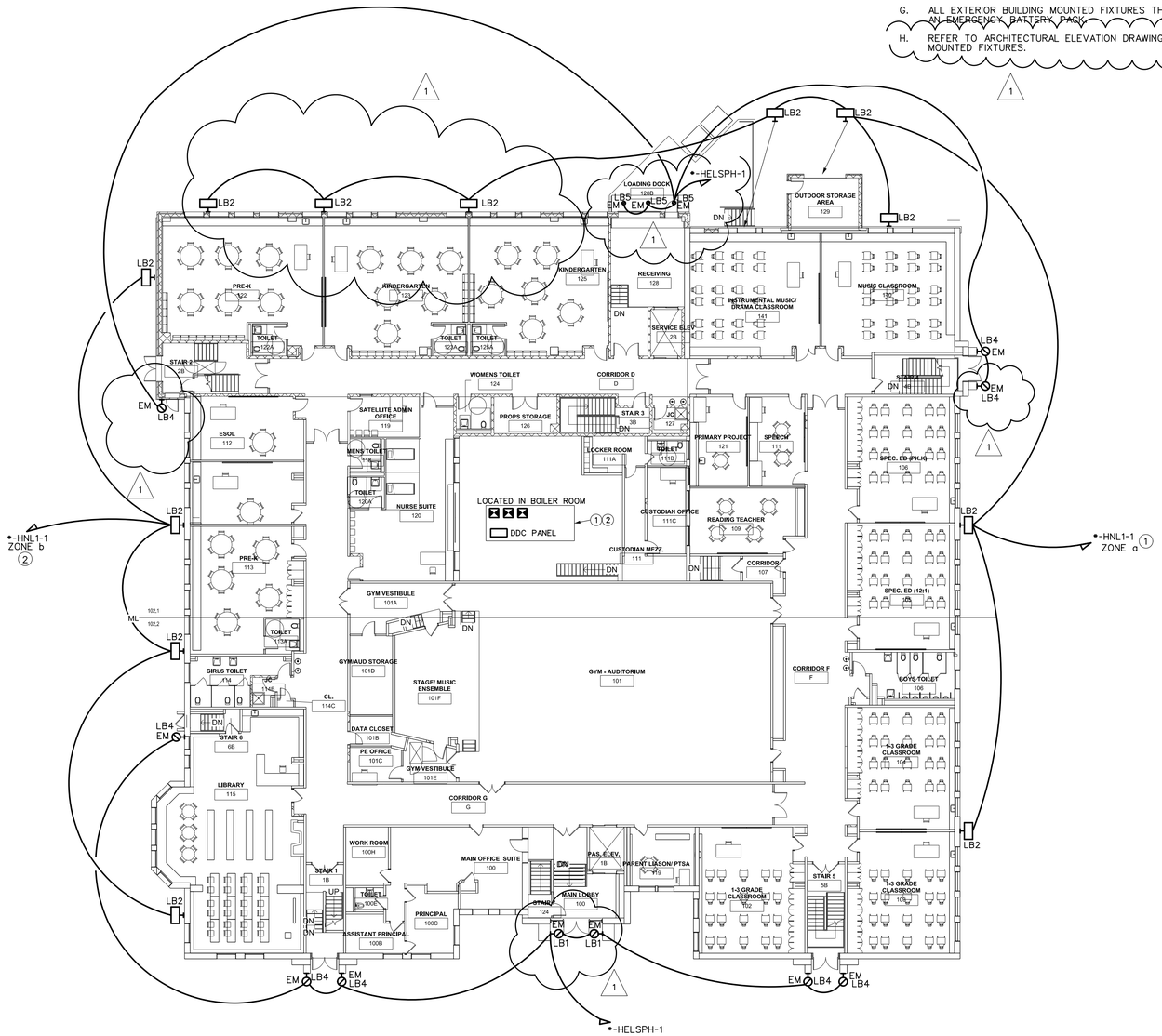
D. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXTERIOR LIGHT FIXTURES SHOWN FROM PANEL HNLB-1. LOCATED IN ROOM 11A UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS NOTED.

E. ALL LIGHTING BRANCH CIRCUITING SHALL BE 2-#8, 1-#10 EG., 3/4"C UNLESS NOTED OTHERWISE.

F. ALL BUILDING NON-EMERGENCY BUILDING MOUNTED SITE LIGHTING SHALL BE CONNECTED THROUGH BUILDING WIDE ENERGY MANAGEMENT SYSTEM (DDC).

G. ALL EXTERIOR BUILDING MOUNTED FIXTURES THAT HAVE THE DESIGNATION 'EM' SHALL HAVE AN EMERGENCY BATTERY PACK.

H. REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR INSTALLATION LOCATIONS OF EXTERIOR BUILDING MOUNTED FIXTURES.



1 E002 BUILDING MOUNTED LIGHTING

SCALE: 1/16"=1'-0"

NORTH

0 8' 16' 32'

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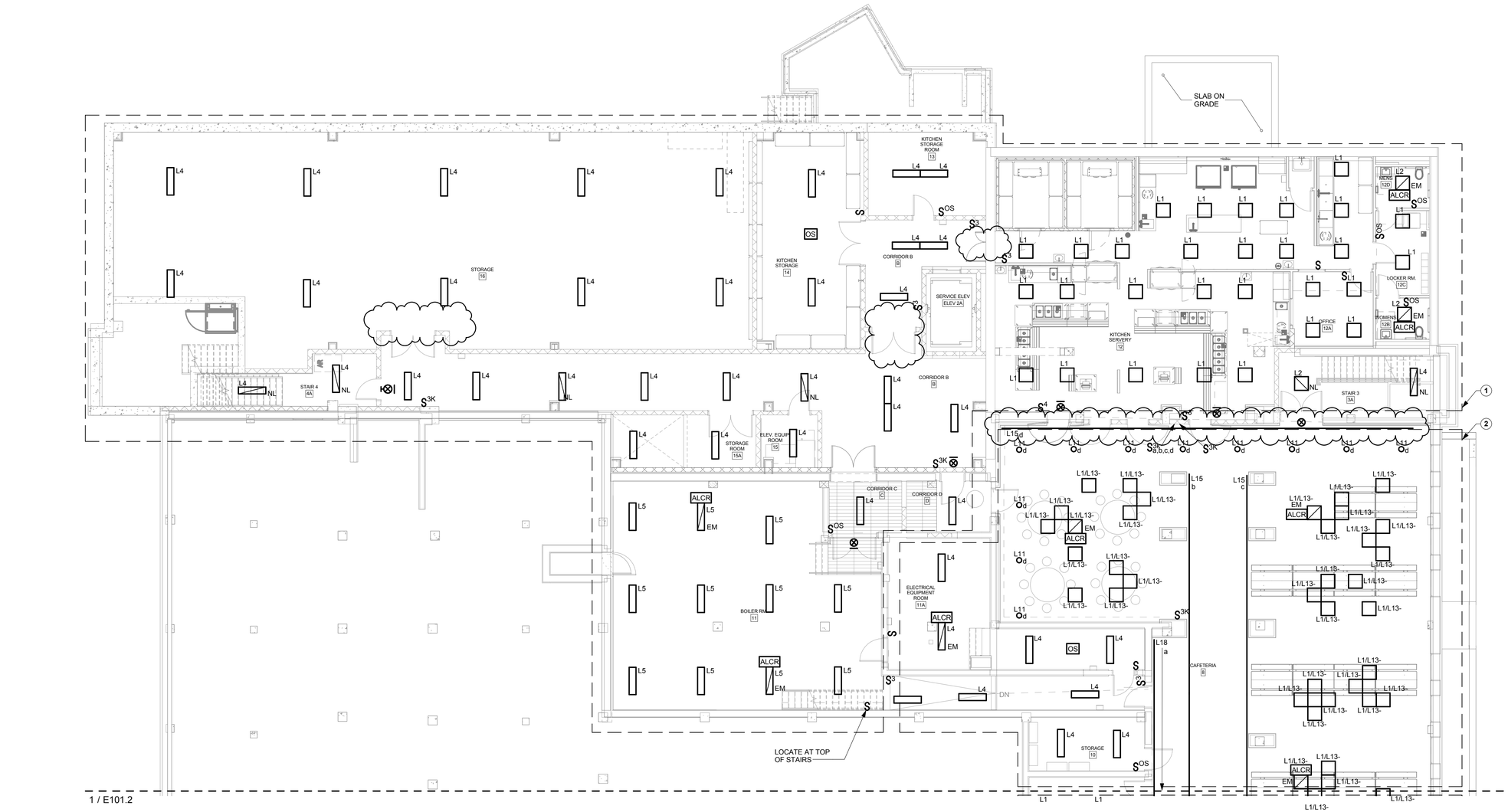
DRAWING TITLE

BUILDING MOUNTED LIGHTING

E-002

ISSUED FOR BIDDING



1 BASEMENT PLAN - A/B - LIGHTING

1/8" = 1'-0"

0' 4' 8' 16'

E101.1 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXIT LIGHT FIXTURES ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #14. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C

C. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'NL' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN ROOM PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #16. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

D. REFER TO POWER & SS DRAWINGS FOR PANELBOARD LOCATIONS.

E101.1 DRAWING NOTES

1. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNLB-1 LOCATED IN ELECTRICAL ROOM 11A UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #1. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

2. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNLB-1 LOCATED IN ELECTRICAL ROOM 11A UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #2. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

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DRAWN BY	Author
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BASEMENT PLAN - A/B - LIGHTING

E101.1

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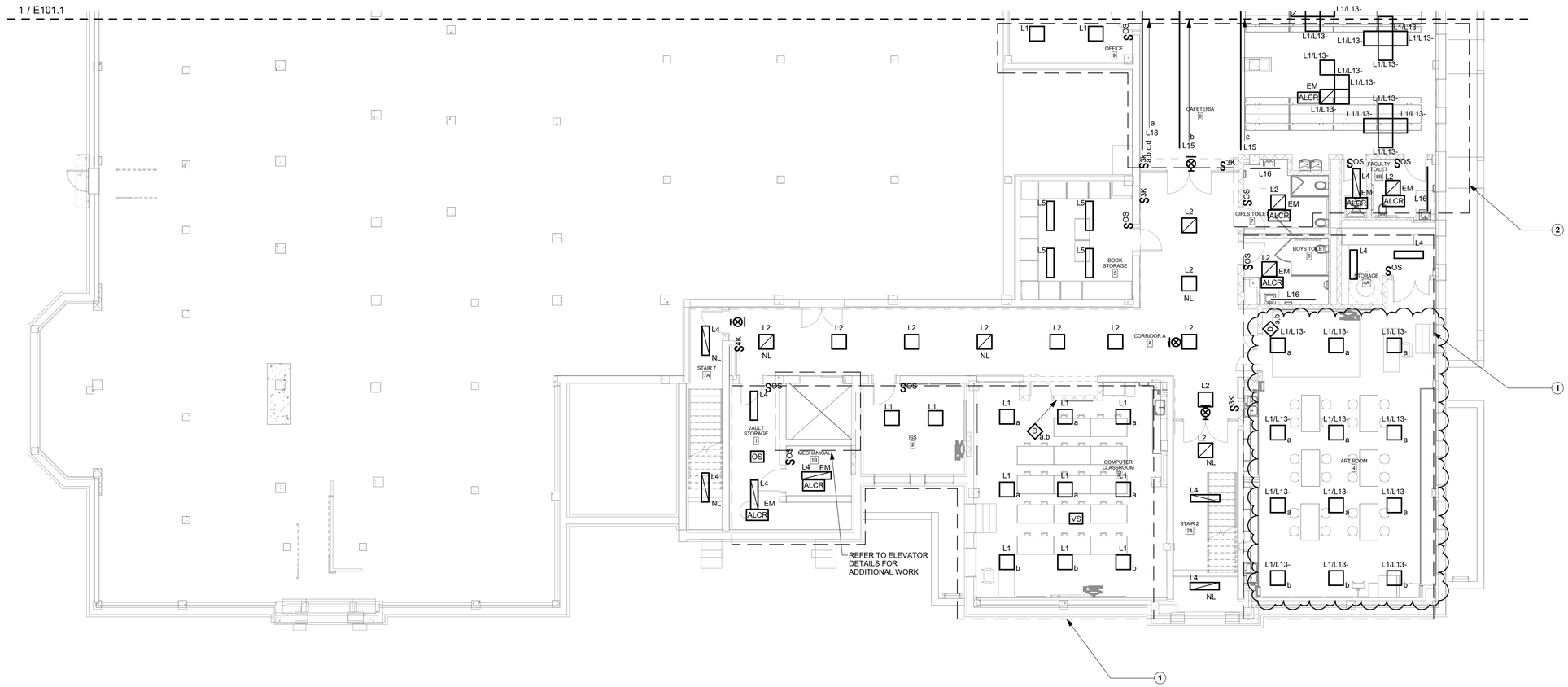

1 BASEMENT PLAN - C - LIGHTING
1/8" = 1'-0"

0' 4' 8' 16'

E101.2 GENERAL NOTES

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXIT LIGHT FIXTURES ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #20. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C

C. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT "NL" ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN ROOM PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #22. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

D. PROVIDE 277V NORMAL LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN CORRIDOR FROM PANEL HNLB-1 LOCATED IN ROOM 11A UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #10. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

E. REFER TO POWER & SS DRAWINGS FOR PANELBOARD LOCATIONS.

E101.2 DRAWING NOTES

1. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNLB-1 LOCATED IN ELECTRICAL ROOM 11A UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #3. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

2. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNLB-1 LOCATED IN ELECTRICAL ROOM 11A UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #4. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

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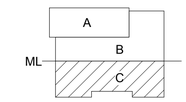

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BASEMENT PLAN - C - LIGHTING

E101.2

ISSUED FOR BIDDING

1 FIRST FLOOR PLAN - A/B - LIGHTING
1/8" = 1'-0"

0' 4' 8" 16'

E102.1 GENERAL NOTES

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXIT LIGHT FIXTURES ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #1. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

C. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'NL' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #3. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

D. PROVIDE 277V NORMAL LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN CORRIDOR FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #1. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

E. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'EM' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #5. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

F. REFER TO POWER & SS DRAWINGS FOR PANELBOARD LOCATIONS.

E102.1 DRAWING NOTES

1. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #3. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.
2. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #5. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.
3. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #7. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.
4. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL1-1 LOCATED IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #9. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

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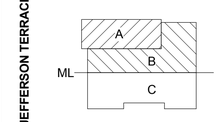

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FIRST FLOOR PLAN - A/B - LIGHTING

E102.1

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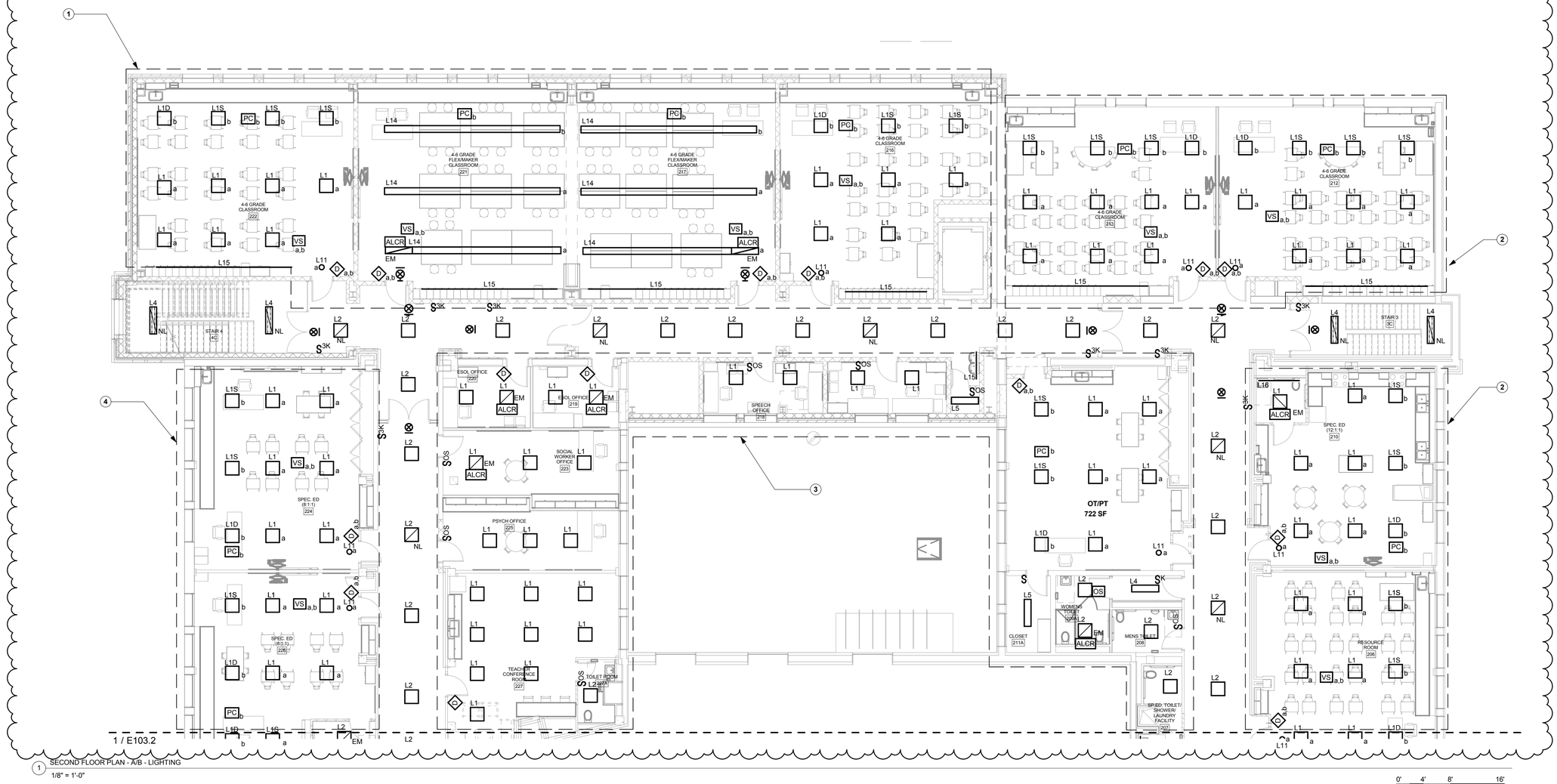

1 SECOND FLOOR PLAN - A/B - LIGHTING

1/8" = 1'-0"

0' 4' 8' 16'

E103.1 GENERAL NOTES

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXIT LIGHT FIXTURES ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #2. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

C. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'NL' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #4. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

D. PROVIDE 277V NORMAL LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN CORRIDOR FROM PANEL HNL2-1 LOCATED IN ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #1. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

E. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'EM' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #6. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

F. REFER TO POWER & SS DRAWINGS FOR PANELBOARD LOCATIONS.

E103.1 DRAWING NOTES

1. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #3. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.
2. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #5. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.
3. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #7. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.
4. PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #9. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

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JEFFERSON TERRACE

A / B / C / ML

DR. SAMUEL MCCREE WAY

N

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-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	ADDENDUM 1	04/25/18

JOB NO.	1711
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DRAWN BY	Author
CHECKED BY	Checker

DRAWING TITLE

SECOND FLOOR PLAN - A/B - LIGHTING

E103.1

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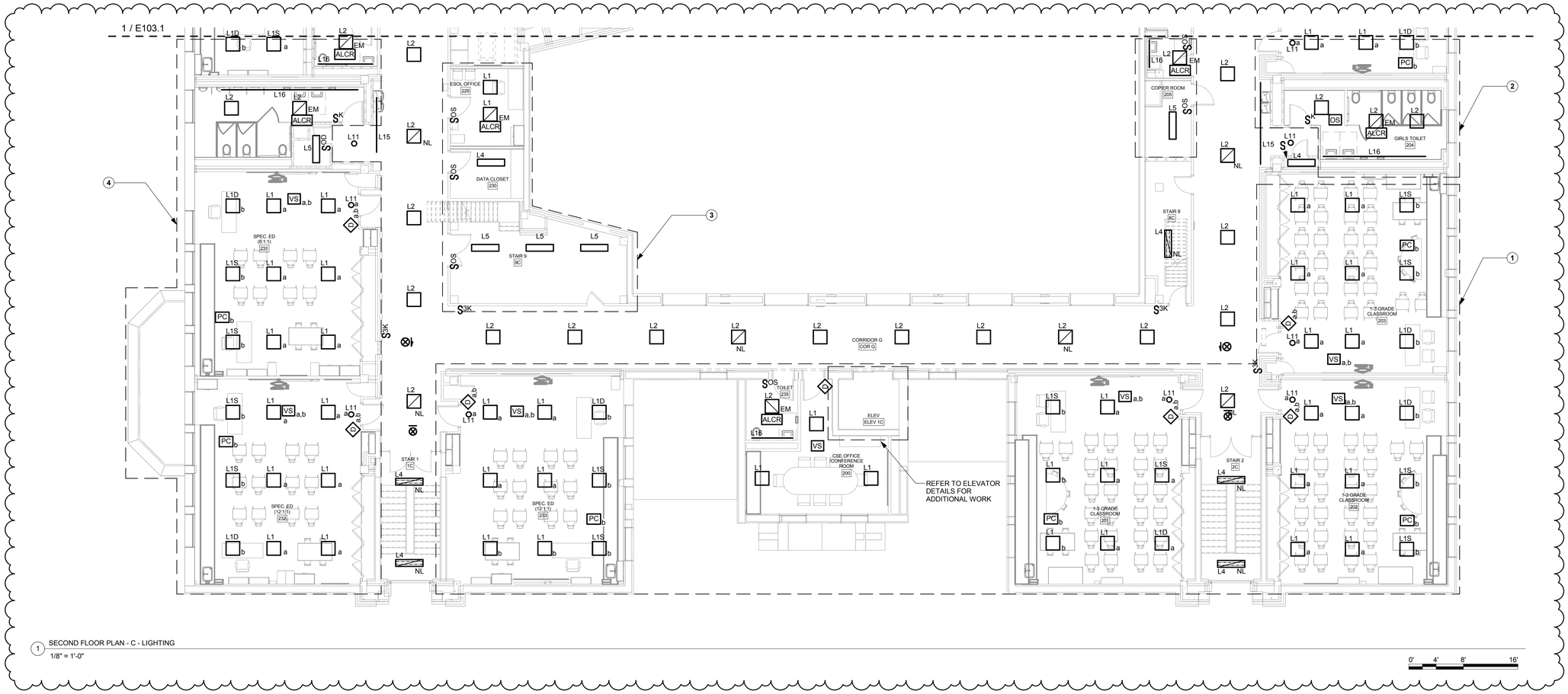

1 SECOND FLOOR PLAN - C - LIGHTING
1/8" = 1'-0"

E103.2 GENERAL NOTES

A. REFER TO DRAWING E-000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.

B. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR EXIT LIGHT FIXTURES ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #8. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

C. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'NL' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #10. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

D. PROVIDE 277V NORMAL LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN CORRIDOR FROM PANEL HNL2-1 LOCATED IN ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #2. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

E. PROVIDE 277V UNSWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES DENOTED AS BEING CONNECTED TO AN EMERGENCY LIFE SAFETY CIRCUIT 'EM' ON THIS DRAWING FROM PANEL HELSPH-1 LOCATED IN PENTHOUSE UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #12. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

F. REFER TO POWER & SS DRAWINGS FOR PANELBOARD LOCATIONS.

E103.2 DRAWING NOTES

① PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #4. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

② PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #6. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

③ PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #8. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

④ PROVIDE 277V NORMAL POWER LIGHTING BRANCH CIRCUIT(S) AND HOME RUNS FOR LIGHT FIXTURES IN THIS AREA FROM PANEL HNL2-1 LOCATED IN ELECTRICAL ROOM 9C UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS #10. PROVIDE BRANCH CIRCUIT USING 2-#10, 1-#10EG, 3/4"C.

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SECOND FLOOR PLAN - C- LIGHTING

E103.2

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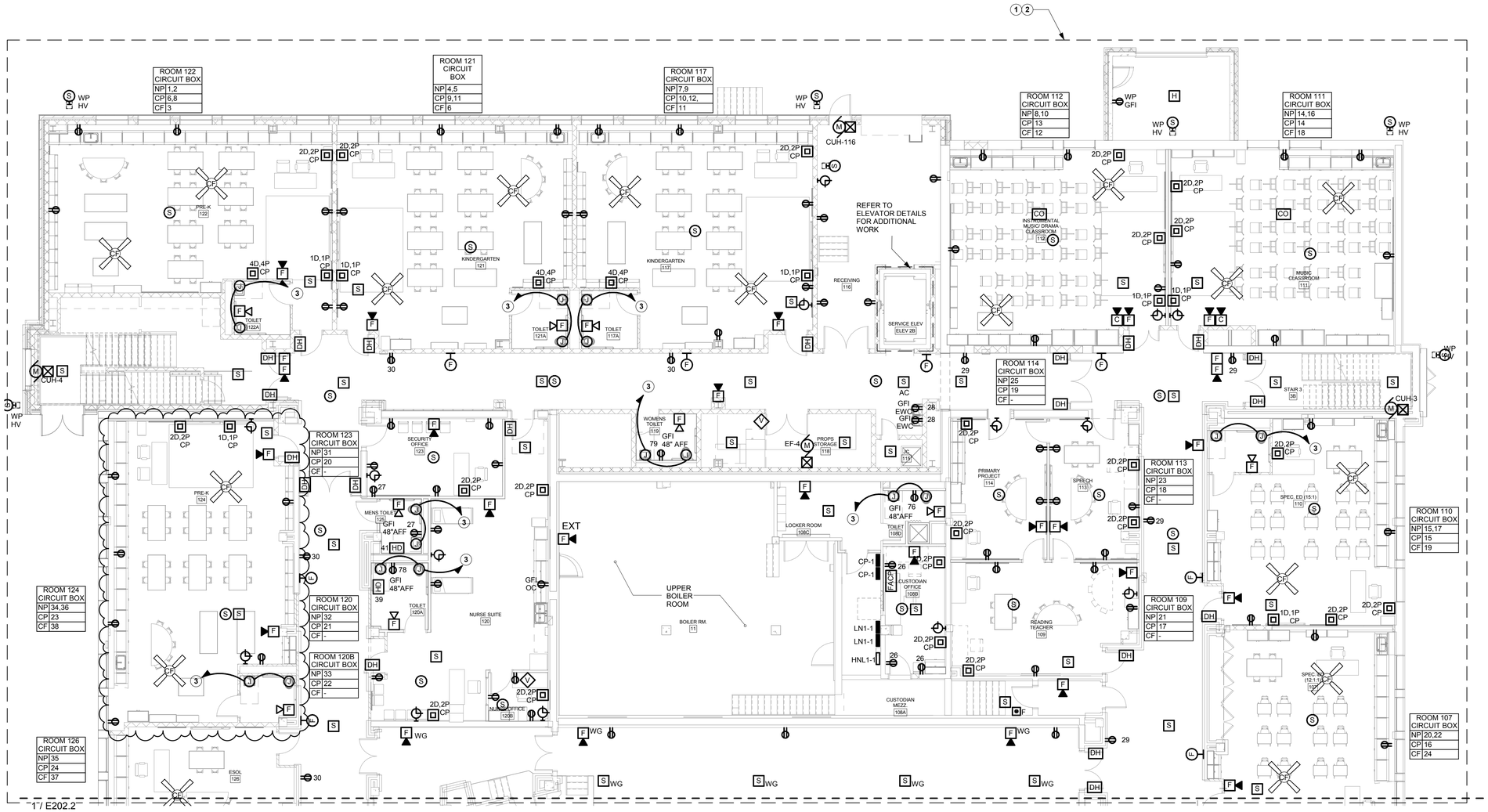

1 FIRST FLOOR PLAN - A/B - POWER AND SS
1/8" = 1'-0"

0' 4' 8' 16'

E202.1 DRAWING NOTES

1. PROVIDE 120V NORMAL POWER (NP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE RECEPTACLES AND CEILING FANS (CF) SHOWN IN THIS AREA FROM PANEL LN1-1 IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE INDICATED IN ROOM CIRCUIT BOX. MAXIMUM OF 4 RECEPTACLES PER CIRCUIT.
2. PROVIDE 120V CLEAN POWER (CP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE CLEAN POWER RECPTACLES IN THIS AREA FROM PANEL CP-1 IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS 'CP' ADJACENT TO EACH WIRING DEVICE AND INDICATED IN ROOM CIRCUIT BOX. MAXIMUM OF 4 RECEPTACLES PER CIRCUIT.
3. INSTALL LOW VOLTAGE TRANSFORMER ABOVE ACCESSIBLE CEILING SPACE IN TOILET ROOM. PROVIDE POWER CONNECTION TO THE TRANSFORMER USING A DEDICATED 120V, 20A NORMAL BRANCH CIRCUIT AND HOME RUN FROM PANEL LN1-1 UNLESS OTHERWISE NOTED. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND QUANTITIES OF THE LOW VOLTAGE TRANSFORMERS

E202.1 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.
B. ALL CEILING FANS SHALL BE MOUNTED SUCH THAT THE BOTTOM OF THE CEILING FAN IS AT 7'-8" AFF.
C. COORDINATE ALL WALL MOUNTED DEVICES IN GYM WITH WALL PADDING AND G.C. G.C. TO CUT AND PREPARE ALL PADDING TO ACCOMODATE DEVICES.
D. FOR ROOMS THAT DO NOT HAVE A "CIRCUIT BOX" PROVIDE 120V NORMAL POWER (NP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE RECEPTACLES AND CEILING FANS (CF) INDICATED ON DRAWINGS FROM PANEL LN1-1 IN MEZZ. 111 UNLESS OTHERWISE INDICATED. CIRCUIT NUMBER SHALL BE DESIGNATED NEXT TO DEVICE.
E. FOR ROOMS THAT DO NOT HAVE A "CIRCUIT BOX" PROVIDE 120V CLEAN POWER (CP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE CLEAN POWER RECEPTACLES INDICATED ON DRAWING FROM PANEL CP-1 IN MEZZ. 111 UNLESS NOTED OTHERWISE. IN ADDITION TO 'CP' DESIGNATION, CIRCUIT NUMBER SHALL BE DESIGNATED NEXT TO DEVICE.

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FIRST FLOOR PLAN - A/B - POWER AND SS

E202.1

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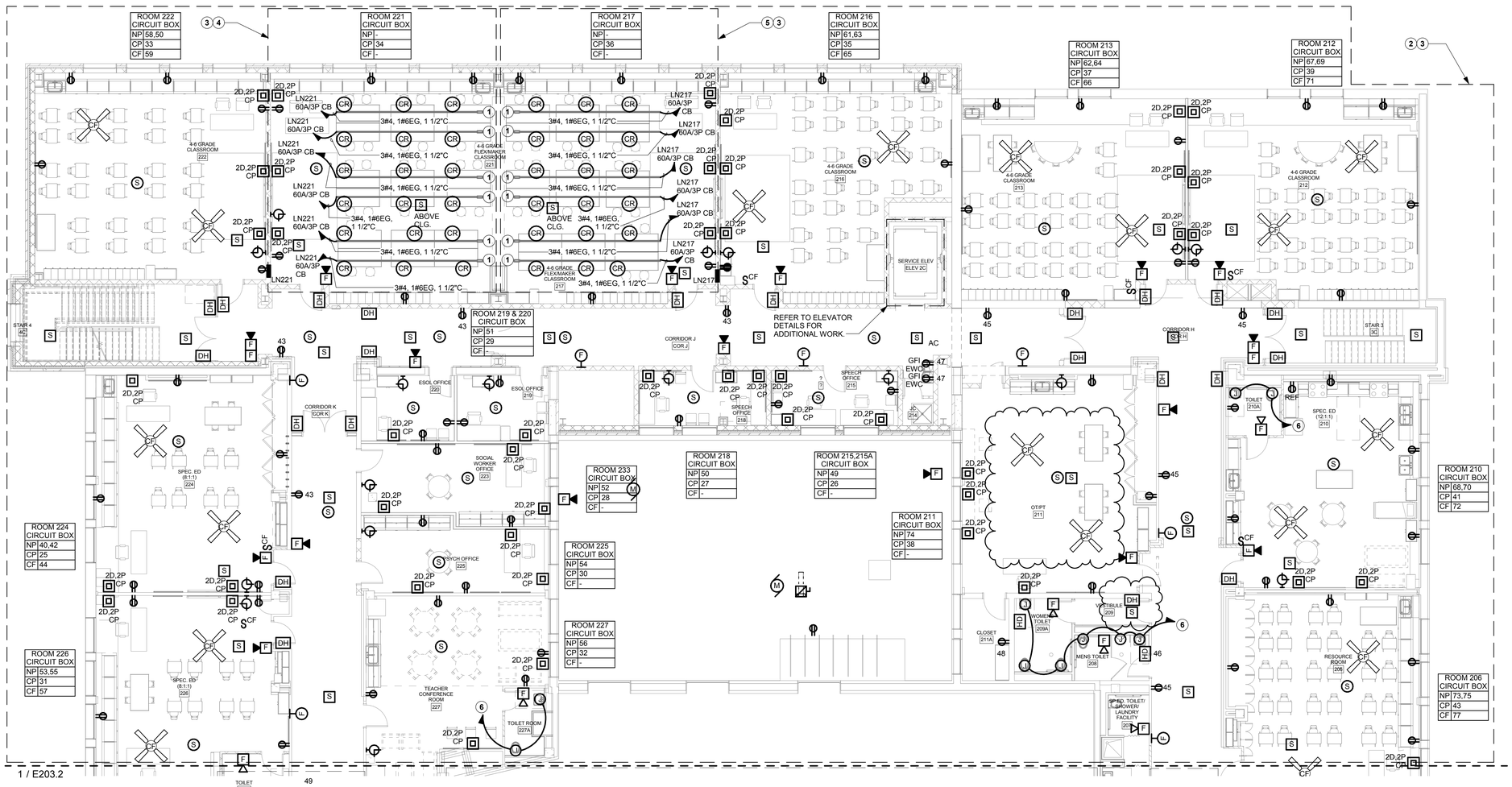

1 SECOND FLOOR PLAN - A/B - POWER AND SS
1/8" = 1'-0"

0' 4' 8' 16'

E203.1 DRAWING NOTES

1. PROVIDE BUSDUCT SYSTEM AS SHOWN. SHALL BE STARLING SERIES B60 TYPE.
2. PROVIDE 120V NORMAL POWER (NP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE RECEPTACLES AND CEILING FANS (CF) SHOWN IN THIS AREA FROM PANEL LN1-1 IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE INDICATED IN ROOM CIRCUIT BOX. MAXIMUM OF 4 RECEPTACLES PER CIRCUIT.
3. PROVIDE 120V CLEAN POWER (CP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE CLEAN POWER RECPTACLES IN THIS AREA FROM PANEL CP-1 IN MEZZ. 111 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE DESIGNATED AS 'CP' ADJACENT TO EACH WIRING DEVICE AND INDICATED IN ROOM CIRCUIT BOX. MAXIMUM OF 4 RECEPTACLES PER CIRCUIT.
4. PROVIDE 120V NORMAL POWER (NP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE RECEPTACLES AND CEILING FANS (CF) SHOWN IN THIS AREA FROM PANEL LN221 IN ROOM 221 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE INDICATED IN ROOM CIRCUIT BOX. MAXIMUM OF 4 RECEPTACLES PER CIRCUIT.
5. PROVIDE 120V NORMAL POWER (NP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE RECEPTACLES AND CEILING FANS (CF) SHOWN IN THIS AREA FROM PANEL LN217 IN ROOM 217 UNLESS OTHERWISE NOTED. CIRCUIT NUMBER SHALL BE INDICATED IN ROOM CIRCUIT BOX. MAXIMUM OF 4 RECEPTACLES PER CIRCUIT.
6. INSTALL LOW VOLTAGE TRANSFORMER ABOVE ACCESSIBLE CEILING SPACE IN TOILET ROOM. PROVIDE POWER CONNECTION TO THE TRANSFORMER USING A DEDICATED 120V, 20A NORMAL BRANCH CIRCUIT AND HOME RUN FROM PANEL LN1-1 UNLESS OTHERWISE NOTED. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND QUANTITIES OF THE LOW VOLTAGE TRANSFORMERS.

E203.1 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS.
B. ALL CEILING FANS SHALL BE MOUNTED SUCH THAT THE BOTTOM OF THE CEILING FAN IS AT 7'-8" AFF.
C. COORDINATE ALL WALL MOUNTED DEVICES IN GYM WITH WALL PADDING AND G.C. G.C. TO CUT AND PREPARE ALL PADDING TO ACCOMODATE DEVICES.
D. FOR ROOMS THAT DO NOT HAVE A "CIRCUIT BOX" PROVIDE 120V NORMAL POWER (NP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE RECEPTACLES AND CEILING FANS (CF) INDICATED ON DRAWINGS FROM PANEL LN1-1 IN MEZZ. 111 UNLESS OTHERWISE INDICATED. CIRCUIT NUMBER SHALL BE DESIGNATED NEXT TO DEVICE.
E. FOR ROOMS THAT DO NOT HAVE A "CIRCUIT BOX" PROVIDE 120V CLEAN POWER (CP) BRANCH CIRCUITS AND HOME RUNS FOR GENERAL PURPOSE CLEAN POWER RECEPTACLES INDICATED ON DRAWING FROM PANEL CP-1 IN MEZZ. 111 UNLESS NOTED OTHERWISE. IN ADDITION TO 'CP' DESIGNATION, CIRCUIT NUMBER SHALL BE DESIGNATED NEXT TO DEVICE.

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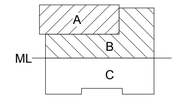

DR. SAMUEL MCCREE WAY

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THIS IS A SINGLE SHEET OF A COHESIVE SET OF CONSTRUCTION DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS). INTERPRETATION OF THE INFORMATION AS PRESENTED SHOULD BE BASED ON THE ENTIRE SET OF DOCUMENTS.

DRAWING TITLE

SECOND FLOOR PLAN - A/B - POWER AND SS

E203.1

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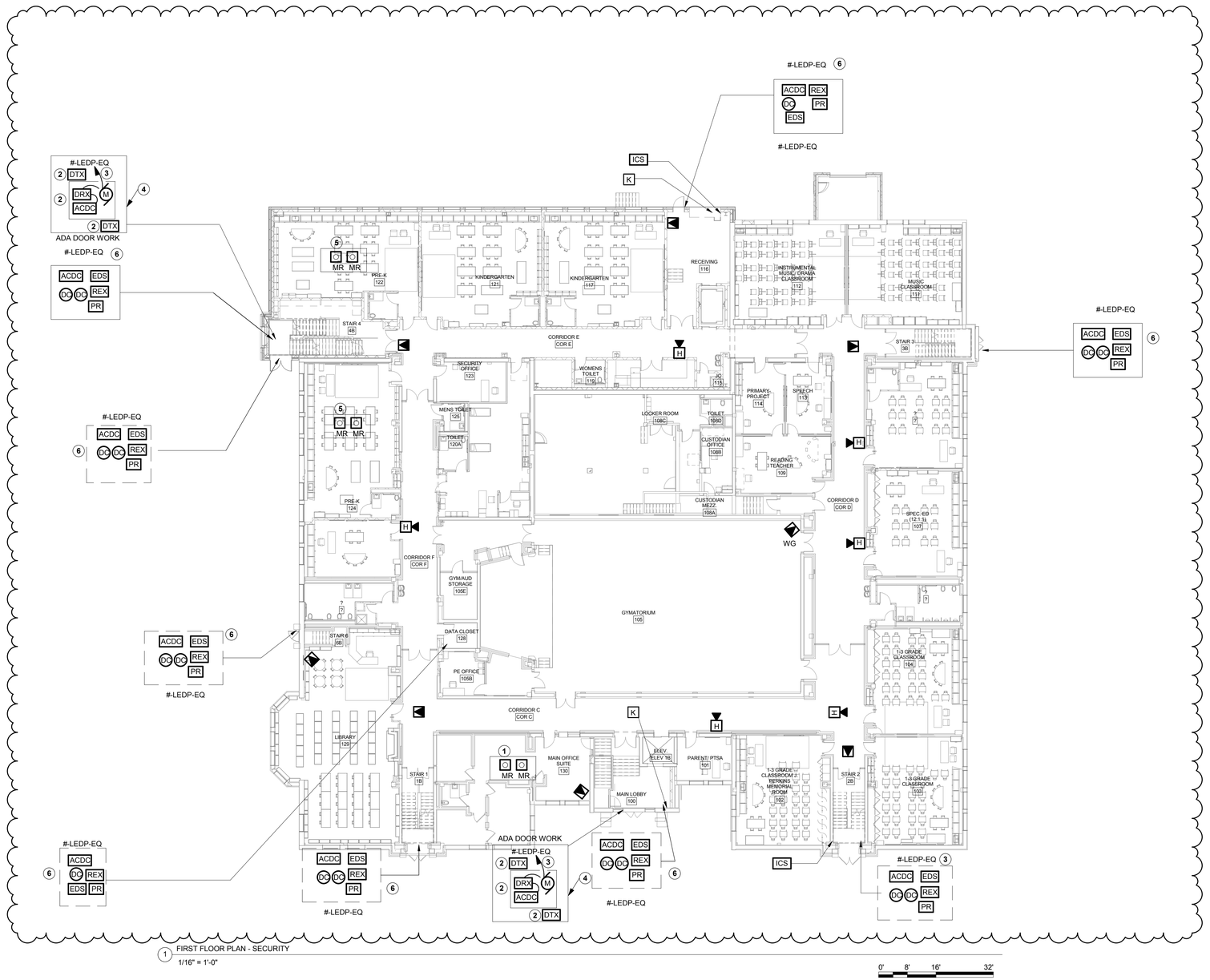

1 FIRST FLOOR PLAN - SECURITY

1/16" = 1'-0"

0' 8' 16' 32'

E302 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

B. PER THE CONTRACT DOCUMENTS ALL BRANCH CIRCUITING AND HOME RUNS ARE TO BE CONCEALED WHERE POSSIBLE PER GENERAL NOTES AND SPECIFICATIONS. IF WALL ARE FISHABLE THEN THE BRANCH CIRCUITING AND HOMERUNS SHALL BE CONCEALED. CONDUIT SHALL NOT BE USED IN FINISHED

C. ALL TELECOMMUNICATIONS WORK TO BE DONE AS PART OF THE DWT CONTRACT. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
-DATA
-VOICE
-IP CCTV
-AV CABLING AND EQUIPMENT
-MONITORS
-WIRELESS ACCESS POINTS

D. PATHWAYS AND CONDUIT(S) REQUIREMENTS ARE PART OF THE E.C. SCOPE. POWER BY THE E.C. ALL POWER TO DATA CLOSETS TO BE CONNECTED TO EMERGENCY POWER. REFER TO DWT (T-SERIES DRAWINGS) FOR ADDITIONAL WORK.

E. ACCESS CONTROL, AUDIO ENTRY AND INTRUSION DETECTION SCOPE IS BY THE E.C.

F. REFER TO DRAWING T301 FOR IP CCTV CAMERA LOCATIONS AND QUANTITIES

E302 DRAWING NOTES

1. AT TWO (2) EXTERIOR DOORS NEAR MAIN OFFICE. PROVIDE MANUAL RELEASE BUTTONS , ALL WIRING AND CONNECTIONS TO ACCESS CONTROL SYSTM TO RELEASE DOORS IN THE EVENT THE PHONE IS BEING USED.
2. EQUIPMENT TO BE FURNISHED BY G.C.
3. PROVIDE ONE (1) 20A, 120V HOMERUN FOR BOTH AUTOMATIC DOOR OPERATOR MOTORS AND POWER SUPPLY. PROVIE CONTROL BRANCH CIRCUITING AND CONNECTIONS PER MANUFACTURERS RECOMMENDATIONS BETWEEN POWER SUPPLY, RECEIVER, AND DOOR OPERATORS
4. PROVIDE ONE (1) 20A, 120V HOMERUN FOR POWER SUPPLY. PROVIDE CONTROL BRANCH CIRCUITING AND CONNECTIONS TO ACCESS CONTROL SYSTEM TO RELEASE DOORS FROM THE PRE-K ROOMS.
5. AT TWO (2) EXTERIOR DOORS NEAR STAIR 4. PROVIDE MANUAL RELEASE BUTTONS, ALL WIRING AND CONNECTIONS TO ACCESS CONTROL SYSTEM TO RELEASE DOORS FROM THE PRE-K ROOMS.
6. PROVIDE ALL BRANCH CIRCUITING AND CONTROL WIRING BETWEEN PROXIMITY READER, ELECTRIC DOOR STRIKE AND DOOR POWER SUPPLY. PROVIDE HOMERUN AND CONNECT TO PANEL INDICATED.

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FIRST FLOOR PLAN - SECURITY

E302

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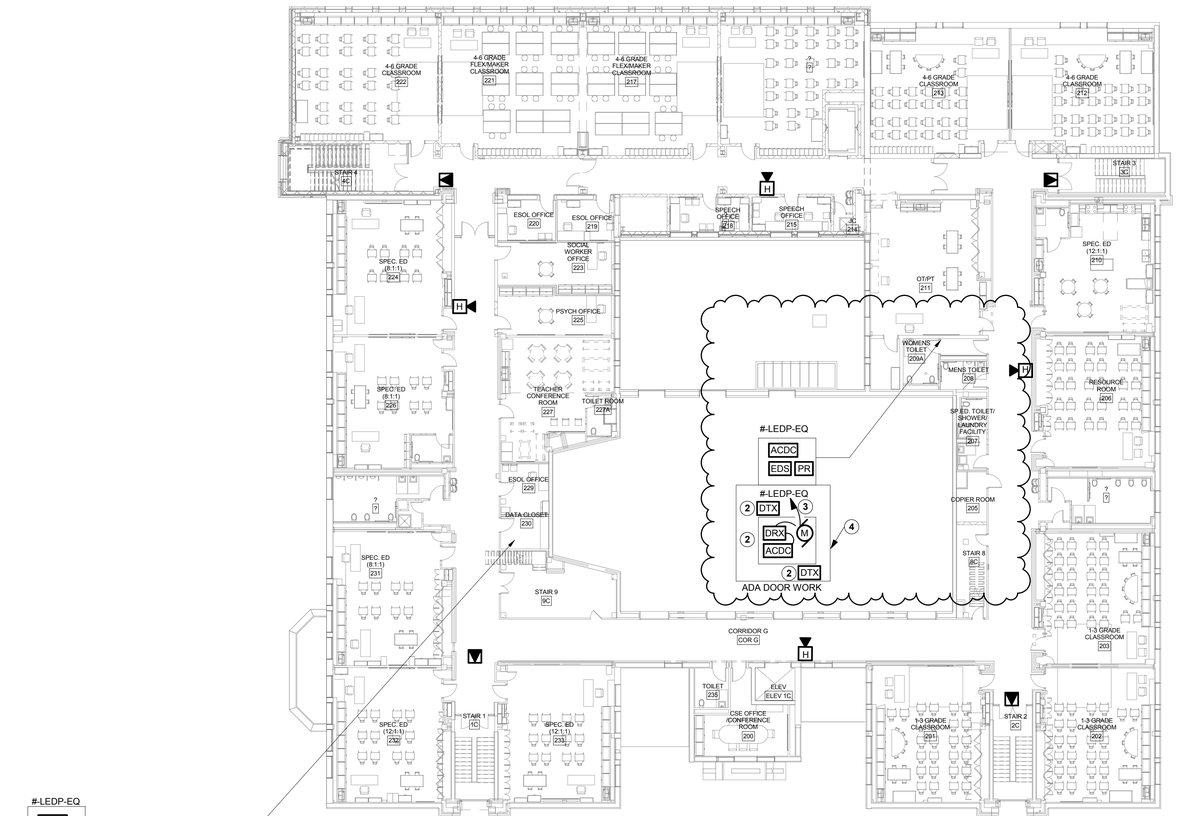

1 SECOND FLOOR PLAN - SECURITY
1/16" = 1'-0"

0' 8' 16' 32'

E303 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

B. PER THE CONTRACT DOCUMENTS ALL BRANCH CIRCUITING AND HOME RUNS ARE TO BE CONCEALED WHERE POSSIBLE PER GENERAL NOTES AND SPECIFICATIONS. IF WALL ARE FISHABLE THEN THE BRANCH CIRCUITING AND HOMERUNS SHALL BE CONCEALED. CONDUIT SHALL NOT BE USED IN FINISHED AREAS. ALL VERTICAL AND HORIZONTAL RACEWAYS INSTALLED IN FINISHED AREAS WHERE CONCEALMENT IS IMPOSSIBLE, ARE TO BE LOCATED AND INSTALLED IN AN INCONSPICUOUS FASHION AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION. COORDINATE ALL SURFACE RACEWAY INSTALLATION AND LOCATIONS WITH ARCHITECT AND ENGINEER PRIOR TO INSTALLATION

C. ALL TELECOMMUNICATIONS WORK TO BE DONE AS PART OF THE DWT CONTRACT. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
-DATA
-VOICE
-IP CCTV
-AV CABLING AN EQUIPMENT
-MONITORS
-WIRELESS ACCESS POINTS

D. PATHWAYS AND CONDUIT(S) REQUIREMENTS ARE PART OF THE E.C. SCOPE. POWER BY THE E.C. ALL POWER TO DATA CLOSETS TO BE CONNECTED TO EMERGENCY POWER. REFER TO DWT (T-SERIES DRAWINGS) FOR ADDITIONAL WORK.

E. ACCESS CONTROL, AUDIO ENTRY AND INTRUSION DETECTION SCOPE IS BY THE E.C.

F. ALL HEAD END EQUIPMENT FOR ACCESS CONTROL, AUDIO ENTRY AND INTRUSION DETECTION SHALL BE LOCATED IN THE DATA CLOSETS.

G. REFER TO DRAWING T301 FOR IP CCTV CAMERA LOCATIONS AND QUANTITIES

E303 DRAWING NOTES

1. AT TWO (2) EXTERIOR DOORS NEAR MAIN OFFICE. PROVIDE MANUAL RELEASE BUTTONS , ALL WIRING AND CONNECTIONS TO ACCESS CONTROL SYSTM TO RELEASE DOORS IN THE EVENT THE PHONE IS BEING USED.
2. EQUIPMENT TO BE FURNISHED BY G.C.
3. PROVIDE ONE (1) 20A, 120V HOMERUN FOR BOTH AUTOMATIC DOOR OPERATOR MOTORS AND POWER SUPPLY. PROVIE CONTROL BRANCH CIRCUITING AND CONNECTIONS PER MANUFACTURERS RECOMMENDATIONS BETWEEN POWER SUPPLY, RECEIVER, AND DOOR OPERATORS
4. PROVIDE ONE (1) 20A, 120V HOMERUN FOR POWER SUPPLY. PROVIDE CONTROL BRANCH CIRCUITING AND CONNECTIONS TO ACCESS CONTROL SYSTEM TO RELEASE DOORS FROM THE PRE-K ROOMS.
5. AT TWO (2) EXTERIOR DOORS NEAR VESTIBULE C116. PROVIDE MANUAL RELEASE BUTTONS, ALL WIRING AND CONNECTIONS TO ACCESS CONTROL SYSTEM TO RELEASE DOORS FROM THE PRE-K ROOMS.
6. PROVIDE ALL BRANCH CIRCUITING AND CONTROL WIRING BETWEEN PROXIMITY READER, ELECTRIC DOOR STRIKE AND DOOR POWER SUPPLY. PROVIDE HOMERUN AND CONNECT TO PANEL INDICATED.

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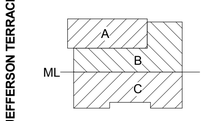

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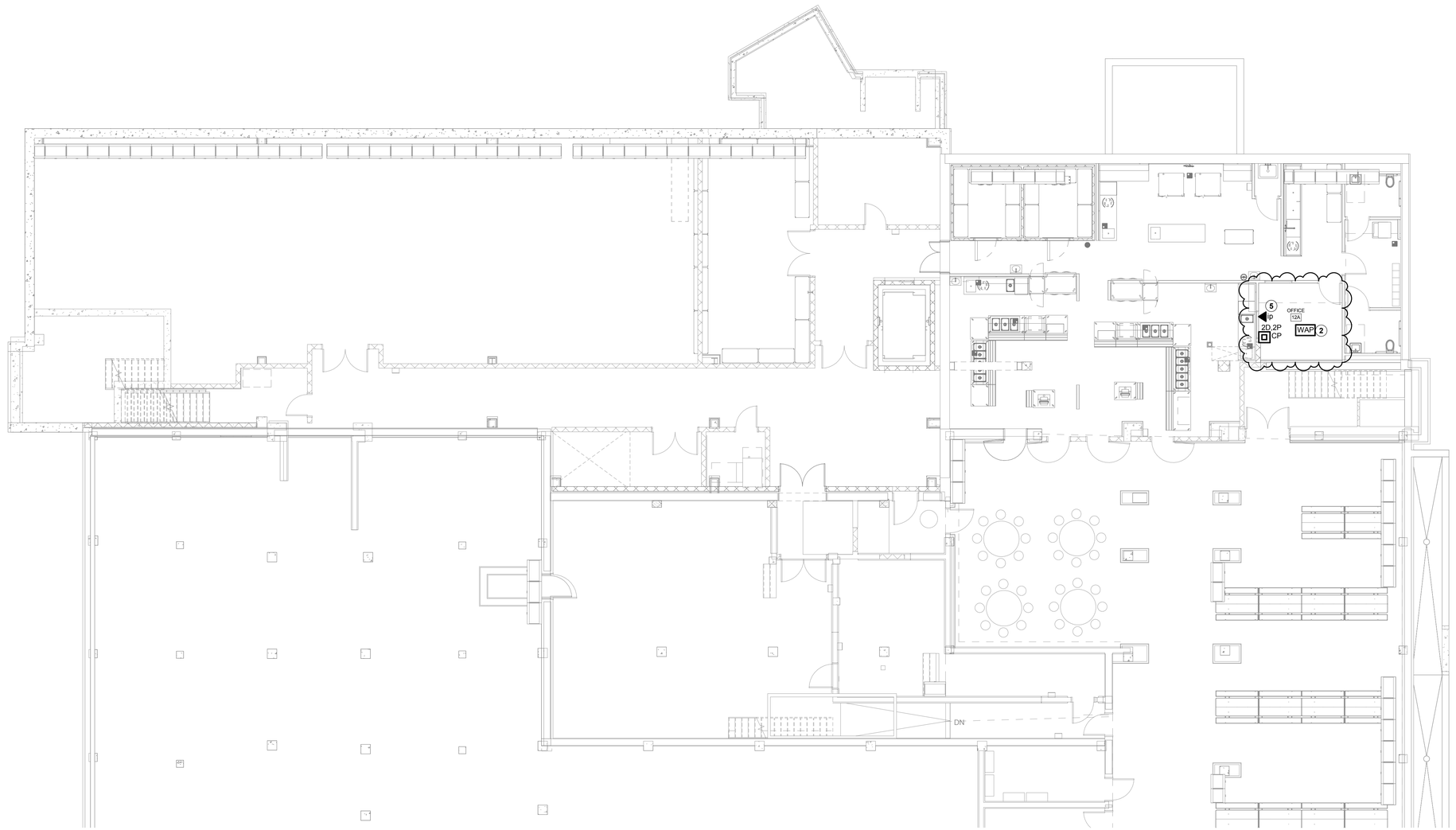
SECOND FLOOR PLAN - SECURITY

E303

ISSUED FOR BIDDING



1 BASEMENT PLAN - A/B - DWT
1/8" = 1'-0"

0' 4' 8' 16'

T201.1 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

B. PROVIDE, ROUTE, AND TERMINATE ALL UTP DATA CABLING ON THIS DRAWING TO IDF, CER XX, ROOM XXXX

C. COORDINATE LOCATION OF EQUIPMENT WITH ELECTRICAL/POWER DRAWINGS AND DEVICES.

D. REFER TO ELECTRICAL DRAWINGS FOR NORMAL AND CLEAN DUPLEX RECEPTACLE LOCATIONS AND QUANTITIES.

E. ROUTE ALL UTP CABLING ABOVE CEILINGS IN CLASSROOMS, COORDINATE ROUTING PATH WITH ALL CONTRACTORS PRIOR TO INSTALLATION.

F. PER THE CONTRACT DOCUMENTS ALL BRANCH CIRCUITING AND HOME RUNS ARE TO BE CONCEALED WHERE POSSIBLE PER GENERAL NOTES AND SPECIFICATIONS. IF WALL ARE FISHABLE THEN THE BRANCH CIRCUITING AND HOMERUNS SHALL BE CONCEALED. CONDUIT SHALL NOT BE USED IN FINISHED AREAS. ALL VERTICAL AND HORIZONTAL RACEWAYS INSTALLED IN FINISHED AREAS WHERE CONCEALMENT IS IMPOSSIBLE, ARE TO BE LOCATED AND INSTALLED IN AN INCONSPICUOUS FASHION AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION. COORDINATE ALL SURFACE RACEWAY INSTALLATION AND LOCATIONS WITH ARCHITECT AND ENGINEER PRIOR TO INSTALLATION

T201.1 DRAWING NOTES

1. SOUND FIELD AMPLIFIER. PROVIDE COMPLETE SOUND FIELD SYSTEM. LOCATE IN CABINETRY. PROVIDE RCA LEFT AND RIGHT CABLES FROM SOUND FIELD TO IWB.
2. PROVIDE WIRELESS ACCESS POINT AND CAT 6A UTP CABLING.
3. PROVIDE NEW IWB WITH PROJECTOR AS INDICATED
4. PROVIDE NEW ALL IN ONE COMPONET/EQUIPMENT TO ALLOW FOR COMPLETE CONNECTIVITY IN ROOM THRU IWB.
5. PROVIDE NEW VOIP HANDSET PER SPECIFICATIONS
6. PROVIDE MULTIMEDIA OUTLET AT TEACHER'S DESK WITH TWO (2) HDMI JACKS AND ONE (1) VGA JACK AND ASSOCIATED CABLES. AT TEACHER'S DESK MULTIMEDIA OUTLET PROVIDE THE FOLLOWING: PROVIDE ONE (1) HDMI CABLE FROM TEACHER'S DESK TO IWB FOR TEACHER'S COMPUTER. PROVIDE ONE (1) HDMI CABLE FROM ALL IN ONE COMPUTER TO IWB. PROVIDE ONE (1) VGA FROM TEACHER'S DESK TO IWB
7. PROVIDE ALL ASSOCIATED IWB CABLES NOTED IN DRAWING NOTE 6 TO THIS MULTIMEDIA OUTLET LOCATION.
8. PROVIDE RCA L/R CABLES FROM IWB TO SOUNDFIELD AMPLIFIER.
9. PROVIDE 3.5 MM CABLES FROM ALL IN ONE COMPUTER TO SOUND FIELD AMPLIFIER.
10. PROVIDE USB CABLE FROM ALL IN ONE COMPUTER TO IWB.

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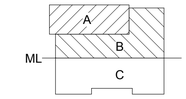

DR. SAMUEL MCCREE WAY

KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	ADDENDUM 1	04/25/18

JOB NO.	1711
SCALE	AS NOTED
ISSUE DATE	4/9/18
DRAWN BY	Author
CHECKED BY	Checker

THIS IS A SINGLE SHEET OF A COHESIVE SET OF CONSTRUCTION DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS). INTERPRETATION OF THE INFORMATION AS PRESENTED SHOULD BE BASED ON THE ENTIRE SET OF DOCUMENTS.

DRAWING TITLE

BASEMENT PLAN - A/B - DWT

T201.1

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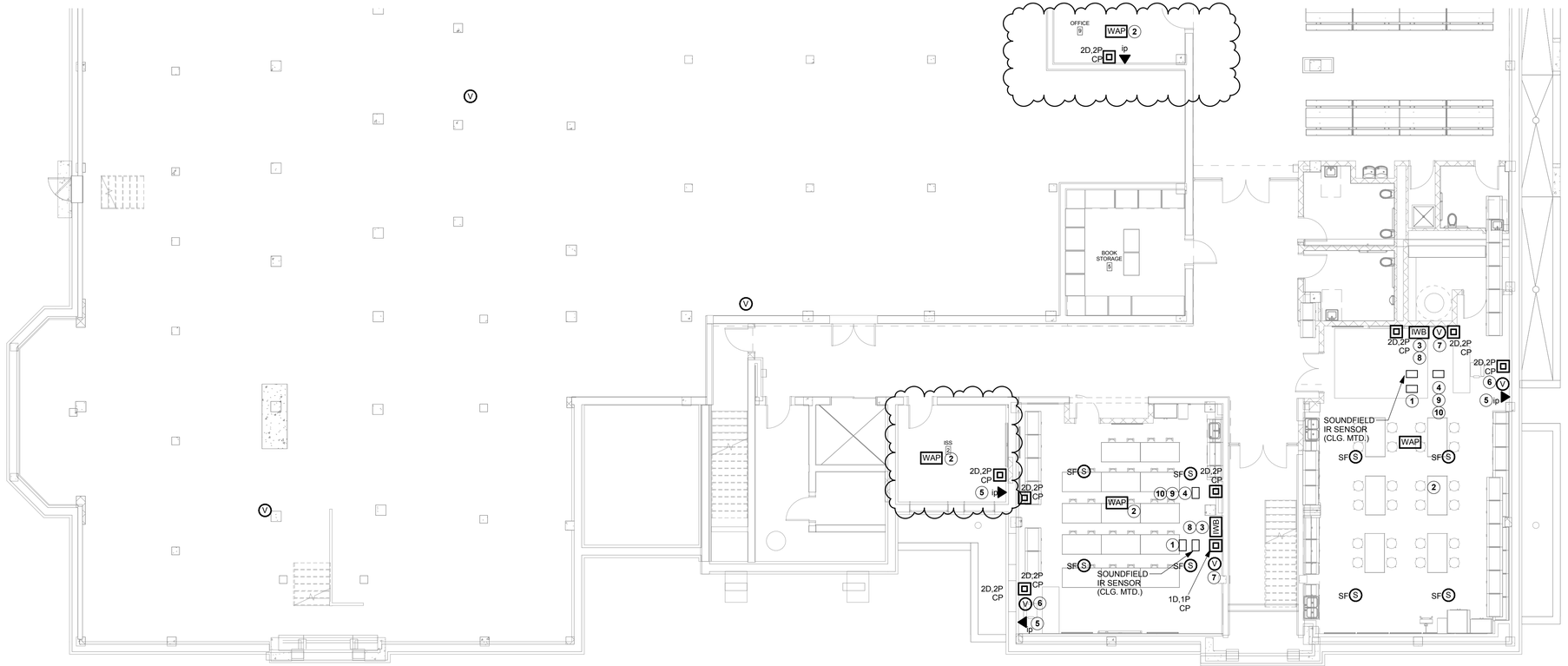

1 BASEMENT PLAN - C - DWT
1/8" = 1'-0"

0' 4' 8' 16'

T201.2 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS
B. PROVIDE, ROUTE, AND TERMINATE ALL UTP DATA CABLING ON THIS DRAWING TO IDF, CER XX, ROOM XXXX
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T201.2 DRAWING NOTES

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2. PROVIDE WIRELESS ACCESS POINT AND CAT 6A UTP CABLING.
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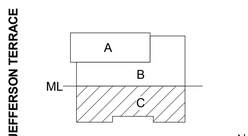

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DRAWING TITLE

BASEMENT PLAN - C - DWT

T201.2

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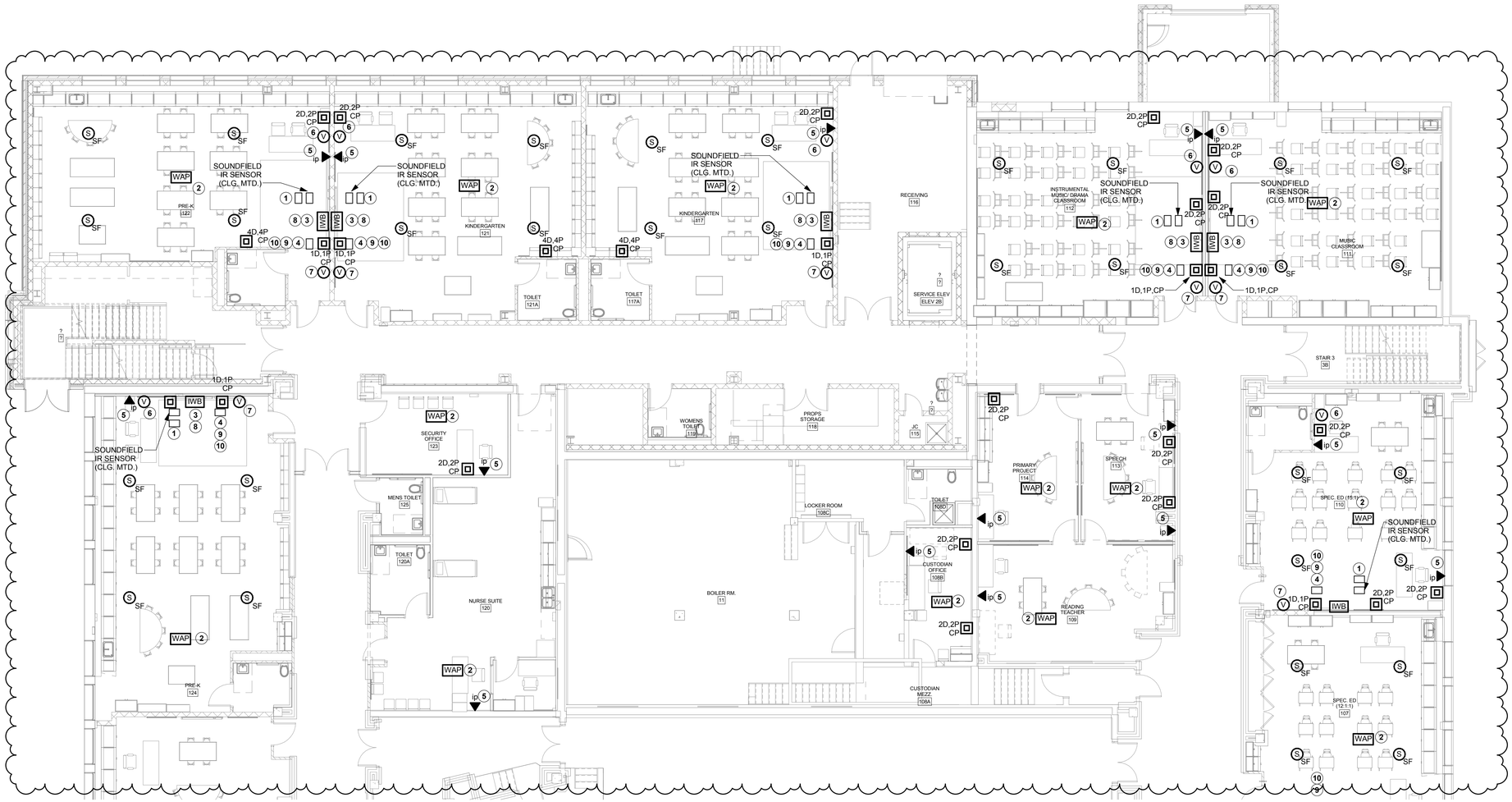

1 FIRST FLOOR PLAN - A /B- DWT

1/8" = 1'-0"

T202.1 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

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T202.1 DRAWING NOTES

0' 4' 8" 16'

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DR. SAMUEL MCCREE WAY

KEY PLAN

A
B
C
ML
N

SED # 26-16-00-01-0-004-024
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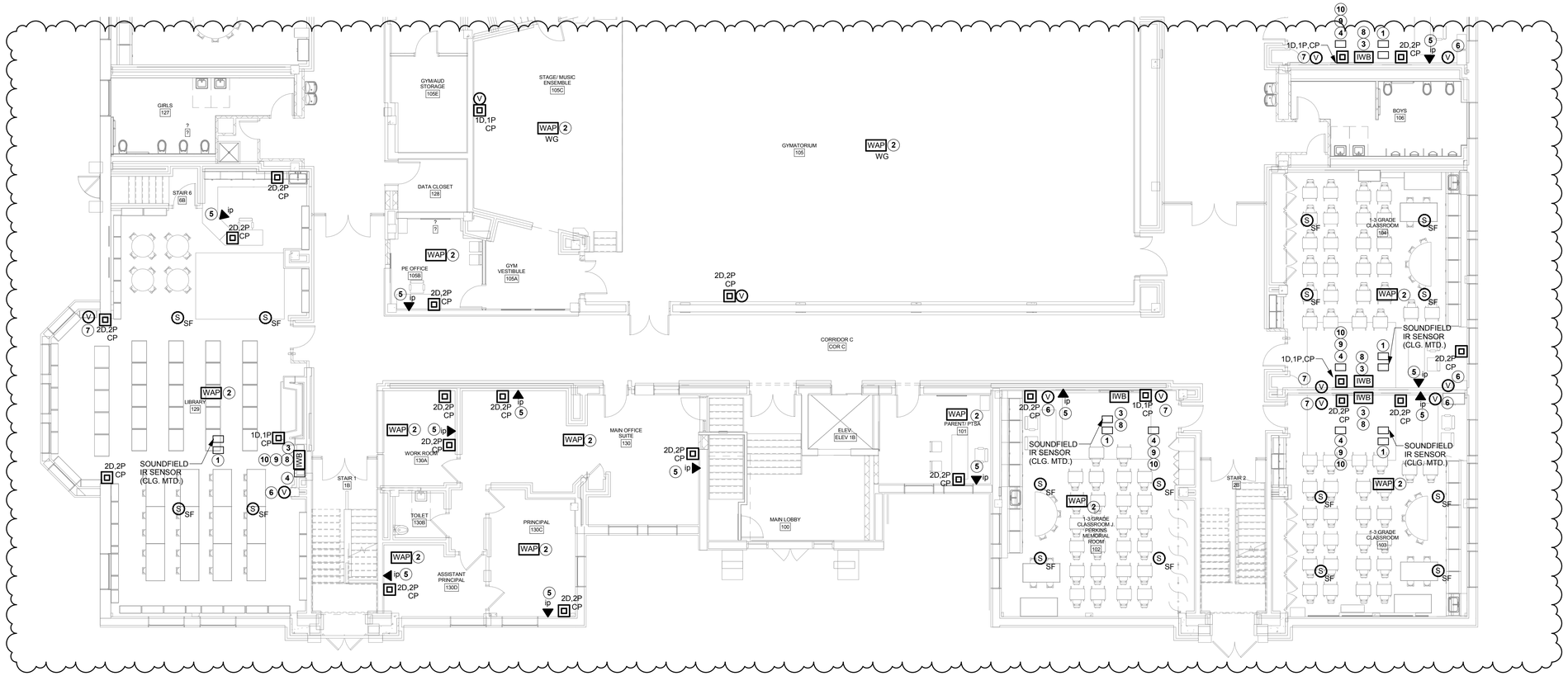
FIRST FLOOR PLAN - A/B - DWT

T202.1

ISSUED FOR BIDDING



1 FIRST FLOOR PLAN - C - DWT
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T202.2 GENERAL NOTES

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T202.2 DRAWING NOTES

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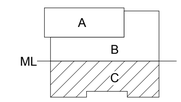

DR. SAMUEL MCCREE WAY

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KEY PLAN

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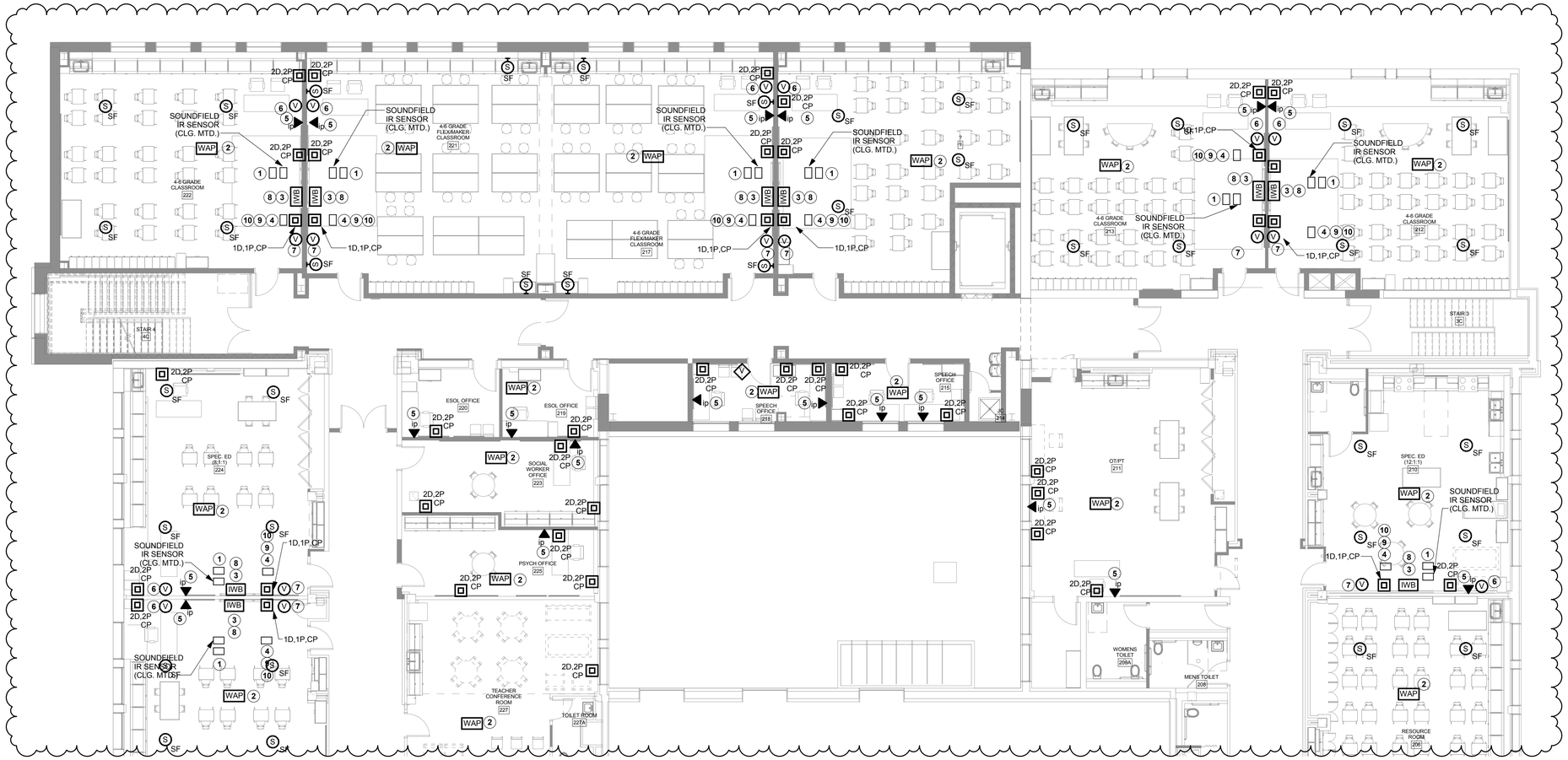
DRAWING TITLE

FIRST FLOOR PLAN - C - DWT

T202.2

ISSUED FOR BIDDING



1 SECOND FLOOR PLAN - A/B - DWT

1/8" = 1'-0"

0' 4' 8' 16'

T203.1 GENERAL NOTES

A. REFER TO DRAWING E000 FOR GENERAL NOTES THAT PERTAIN TO ALL ELECTRICAL DRAWINGS

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T203.1 DRAWING NOTES

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SECOND FLOOR PLAN - A/B - DWT

T203.1

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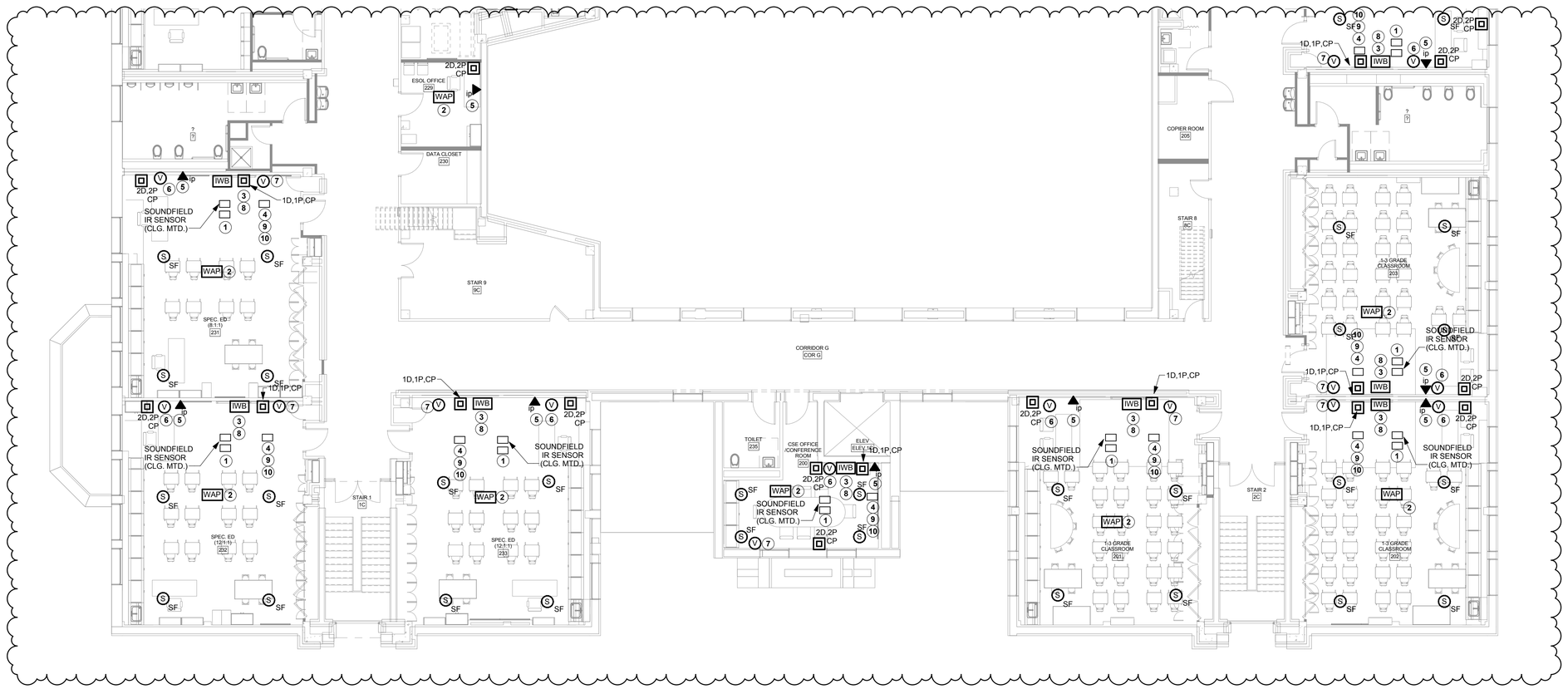

1 SECOND FLOOR PLAN - C - DWT
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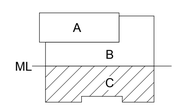

DR. SAMUEL MCCREE WAY

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KEY PLAN

SED # 26-16-00-01-0-004-024
DWT SED #
26-16-00-01-7-999-020

Rochester Schools Modernization Program
-Phase 2c
George M. Forbes- Renovation, Alterations and Addition

198 Dr Samuel McCree Way,
Rochester, NY 14611

REV. #	DESCRIPTION	DATE
1	ADDENDUM 1	04/25/18

JOB NO.	1711
SCALE	AS NOTED
ISSUE DATE	4/9/18
DRAWN BY	Author
CHECKED BY	Checker

DRAWING TITLE

SECOND FLOOR PLAN - C - DWT

T203.2

ISSUED FOR BIDDING