



## ADDENDUM

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

**ADDENDUM NO.:** 05  
**PROJECT NAME:** Byrne Elementary School Annex Project  
**PROJECT NO.:** 05015  
**CONTRACT NO.:** C1576  
**DATE OF ISSUE:** June 5, 2017

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### NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum.

- ITEM NO. 1: CHANGE TO KEY DATES**  
None.
- ITEM NO. 2: REVISIONS TO BOOK 1 – PBC INSTRUCTIONS TO BIDDERS**  
**Change 1** Book 1 – In Section II. F. Commission’s Contract Contingency – **REMOVE** ‘\$420,000.00’ and **REPLACE WITH** ‘\$450,000.00’.  
**Change 2** **REVISED** Bid Form attached.
- ITEM NO. 3: REVISIONS TO BOOK 2 – PBC STANDARD TERMS AND CONDITIONS**  
None.
- ITEM NO. 4: REVISIONS TO BOOK 3 – TECHNICAL SPECIFICATIONS**  
**Change 3** Book 3 – Volume 1 – Section 00 01 10 – TABLE OF CONTENTS to include section 10 70 50 EXTERIOR SUN CONTROL DEVICES.  
**Change 4** Book 3 – Volume 1 – Section 10 70 50 EXTERIOR SUN CONTROL DEVICES - Add section.
- ITEM NO. 5: REVISIONS AND CLARIFICATIONS TO DRAWINGS**  
**Change 1** SHEET G1.1 First Floor Exiting Plan – **CLARIFICATION** Standard/Floor Ceiling Assembly note to read 6 ½” thick composite slab instead of 5 ¼”.  
**Change 2** SHEET G1.2 Second Floor Exiting Plan – **CLARIFICATION** Standard/Floor Ceiling Assembly note to read 6 ½” thick composite slab instead of 5 ¼”.  
**Change 3** SHEET A1.1 First Floor Plan – **REVISED** Stair #1 Configuration.  
**Change 4** SHEET A1.2 Second Floor Plan – **REVISED** Stair #1 Configuration.  
**Change 5** SHEET A7.0 Stair #1 Plan, Section & Details. – **REVISED** Stair #1 Configuration and **REVISED** cane detection detail.
- ITEM NO. 6: REQUESTS FOR INFORMATION**  
None.

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**List of Attachments and Drawings:**

(Available at Cushing and Co.'s Online Planroom: <http://dfs.cushingco.com/pbc.htm>)

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

1. Revised BID FORM
2. Section 00 01 10 – TABLE OF CONTENTS
3. Section 10 70 50 – EXTERIOR SUN CONTROL DEVICES

This Addendum includes the following attached Drawings:

1. G1.1 First Floor Exiting Plan
2. G1.2 Second Floor Exiting Plan
3. A1.1 First Floor Plan
4. A1.2 Second Floor Plan
5. A7.0 Stair #1 Plan, Section & Details

**END OF ADDENDUM NO. 05**

**B. REVISED BID FORM**

<b>FIRM NAME:</b>
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LINE	ITEM	AMOUNT
1.	WORK	\$
2.	COMMISSION'S CONTRACT CONTINGENCY	\$ 450,000.00
3.	SITE WORK ALLOWANCE	\$ 200,000.00
4.	CAMERA ALLOWANCE	\$ 100,000.00
5.	TOTAL BASE BID (1+2+3+4)	\$
AWARD CRITERIA FIGURE (See Section V. Proposal Support Document, line 15 of Award Criteria Figure)		\$

<b>SURETY:</b> Please specify full legal name and address of Surety:  _____  _____  _____
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**DIVISION 10 – SPECIALTIES**

<i>Section Number</i>	<i>Section Title</i>	<i>CPS Control Rev.</i>
10 11 00	Visual Display Units	02_04/10/08
10 11 03	Chalkboard to Markerboard Conversion	01_04/15/11
10 14 03	Interior Signage	02_08/20/07
10 14 05	Exterior Signage	02_08/20/07
10 14 07	Exterior Signage – Emergency	02_08/20/07
10 14 19	Dimensional Letter Signage	02_08/20/07
10 21 13	Toilet Compartments	02_04/10/08
10 28 13	Toilet Accessories	03_01/27/11
10 44 00	Fire Protection Specialties	02_08/20/07
10 44 03	Installation of Fire Extinguishers and Cabinets	01_02/28/06
10 51 13	Metal Lockers – Elementary Schools	04_04/10/08
10 70 50	Exterior Sun Control Devices	02_06/05/17

**DIVISION 11 – EQUIPMENT**

<i>Section Number</i>	<i>Section Title</i>	<i>CPS Control Rev.</i>
11 40 00	Foodservice Equipment	Kitchen Consultant Add
11 52 13	Projection Screens	02_08/20/07

**DIVISION 12 – FURNISHINGS**

<i>Section Number</i>	<i>Section Title</i>	<i>CPS Control Rev.</i>
12 21 13	Horizontal Louver Blinds	02_10/31/06
12 24 13	Roller Window Shades – Manual	03_08/22/07
12 32 00	Manufactured Wood Casework	03_04/10/08
12 35 53	Wood Laboratory Casework	03_04/28/10
12 48 16	Entrance Floor Grilles	02_08/20/07
12 93 00	Site Furnishings	01_03/18/14

**DIVISION 13 – SPECIAL CONSTRUCTION**

<i>Section Number</i>	<i>Section Title</i>	<i>CPS Control Rev.</i>
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**DIVISION 14 – CONVEYING EQUIPMENT**

<i>Section Number</i>	<i>Section Title</i>	<i>CPS Control Rev.</i>
14 24 23	Hydraulic Passenger Elevators	01_03/26/10

DIVISION 15 – RESERVED FOR FUTURE EXPANSION

DIVISION 16 – RESERVED FOR FUTURE EXPANSION

DIVISION 17 – RESERVED FOR FUTURE EXPANSION

DIVISION 18 – RESERVED FOR FUTURE EXPANSION

DIVISION 19 – RESERVED FOR FUTURE EXPANSION

**SECTION 107050**  
**EXTERIOR SUN CONTROL DEVICES**

**PART 1 - GENERAL**

1.1 SUMMARY

- A. Section includes: Exterior metal sunscreens in locations not integral to the aluminum storefront framing.

1.2 SUBMITTALS

- A. Product Data: Submit product data sheet for specified products including specifications and installation instructions from the manufacturer.
- B. Shop Drawings: Submit shop drawings showing layout, profiles and products components, including anchorage, accessories, finish colors, patterns and textures.
  - 1. Include information necessary for fabrication and installation of exterior sun control devices. Show how devices are mounted. Indicate materials, sizes, thickness, fastenings and profiles.
  - 2. Submit two samples of color selected, applied to specified material.
- C. Calculations: Provide engineering calculation for the exterior sun control devices and mounting brackets, prepared by a Structural Engineer Registered in the State of Illinois.
- D. Finish Samples: Submit for finished material used for store front system.

1.3 QUALITY ASSURANCE

- A. Structural Requirements: Design, fabricate and install to support loads related components as required for provisions for deflection, expansion and contraction forces.
- B. AWS D1.2: Certify that each welder employed in fabrication of work of this section has satisfactorily passed all AWS qualification tests for welding processes involved.
- C. SMACNA Standard: Comply with SMACNA "Architectural Sheet Metal Manual".

1.4 DELIVERY, STORAGE AND HANDLING

- A. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
  - 1. Deliver, store and handle products to avoid any distortion or damage due to moisture, physical abuse or other cause. Louvers shall be free from nicks, scratches and blemishes. Replace defective or damaged materials with new.

1.5 PROJECT CONDITIONS

- A. Field Measurements: Verify actual measurements/openings by field measurements before fabrications; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

## **PART 2 - PRODUCTS**

### **2.1 SUNSCREEN DEVICES**

- A. Basis-of-Design Products: Subject to compliance with requirements, retrofit EFCO E-Shade attachment arms and blades or equal by one of the following into structural steel:

1. Old Castle
2. U.S. Aluminum
3. Kawneer
4. Pittco
5. TubeLite
6. EFCO

### **2.2 MATERIALS**

- A. General: Metal shall be free from defects impairing strength, durability or appearance.
- B. Aluminum: ASTM B 221, alloys 6063-T5 and 6063-T6 for extrusions. ASTM B 209, alloys 5052-H32 or greater.
- C. Fasteners: Fastener devices shall be 300 series non-magnetic stainless steel. ASTM A-307, Grade A or better and properly insulated from the aluminum as required by sun shade manufacturer.

### **2.3 COMPONENTS**

- A. Blades: Blades shall be airfoil tube design, fabricated from minimum .063" wall thickness extruded aluminum.
- B. Attachment arms shall be flat bar 0.25" (1/4") minimum thick aluminum as detailed.

### **2.4 EXTERIOR SUN CONTROL DEVICE FABRICATION**

- A. Provide fixed shade units in maximum panel length or as required for optimal performance, with respect to strength, span ability and uniform appearance.
- B. Blades shall be mechanically fastened with stainless steel screws to the attachment arms. Spot welds only to be used where mechanical fastening of parts is prohibitive. No exposed perimeter welds acceptable.
- C. Intermediate supports and outriggers shall be provided as required for applicable loading.
- D. Include stainless steel anchor hardware and accessories required for complete assembly.
- E. Components shall be completely shop assembled allowing immediate installation.

### **2.5 FINISHES**

- A. General: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products", for recommendations for applying and designating finishes.
- B. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.

- C. High-Performance Organic Finish: AA-C12C42R1x (Chemical Finish: Cleaned with inhibited chemical; Chemical Finish: Acid-Chromate-fluoride-phosphate conversion coating; Organic Coating: As specified below. Prepare, pretreat and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
  - 1. Fluoropolymer Two-Coat System: Manufacturer's standard two-coat, thermo-cured system consisting of specially formulated inhibitive primer and fluoropolymer color topcoat containing not less than 70 percent Polyvinylidene fluoride resin by weight; complying with AAMA 2605.
    - a. Color and Gloss: To match new aluminum window framing.

### **PART 3 - EXECUTION**

#### **3.1 EXAMINATION**

- A. Verification of conditions: Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion.
- B. Do not proceed until unsatisfactory conditions have been corrected.

#### **3.2 PREPARATION**

- A. Surface Preparation: Prior to installation, clean substrate to remove dirt, debris, and loose particles. Perform additional preparation procedures as required by the manufacturer.
- B. Protection: Take all necessary steps to prevent damage to material during installation as required by manufacturer.

#### **3.3 INSTALLATION**

- A. Comply with manufacturer's instruction and recommendations for installation of the work.
- B. Verify dimensions of supporting structure at the site by accurate field measurements so that the work will be accurately designed, fabricated and fitted to the structure.
- C. Anchor Sunscreen to building sub-structure as indicated on the architectural drawings.
- D. Isolate aluminum sun control devices from structural steel by manufacturer's standard means.
- E. Erection Tolerances:
  - 1. Variations from level: +/- 1/8" maximum in any column to column space.
- F. Do not cut and trim component parts during erection without the approval of the manufacturer.
- G. Do not erect deformed or otherwise damaged or defaced members. Remove and replace any members damaged in the erection process as directed.
- H. Set units level, plumb and true to line with uniform joints.

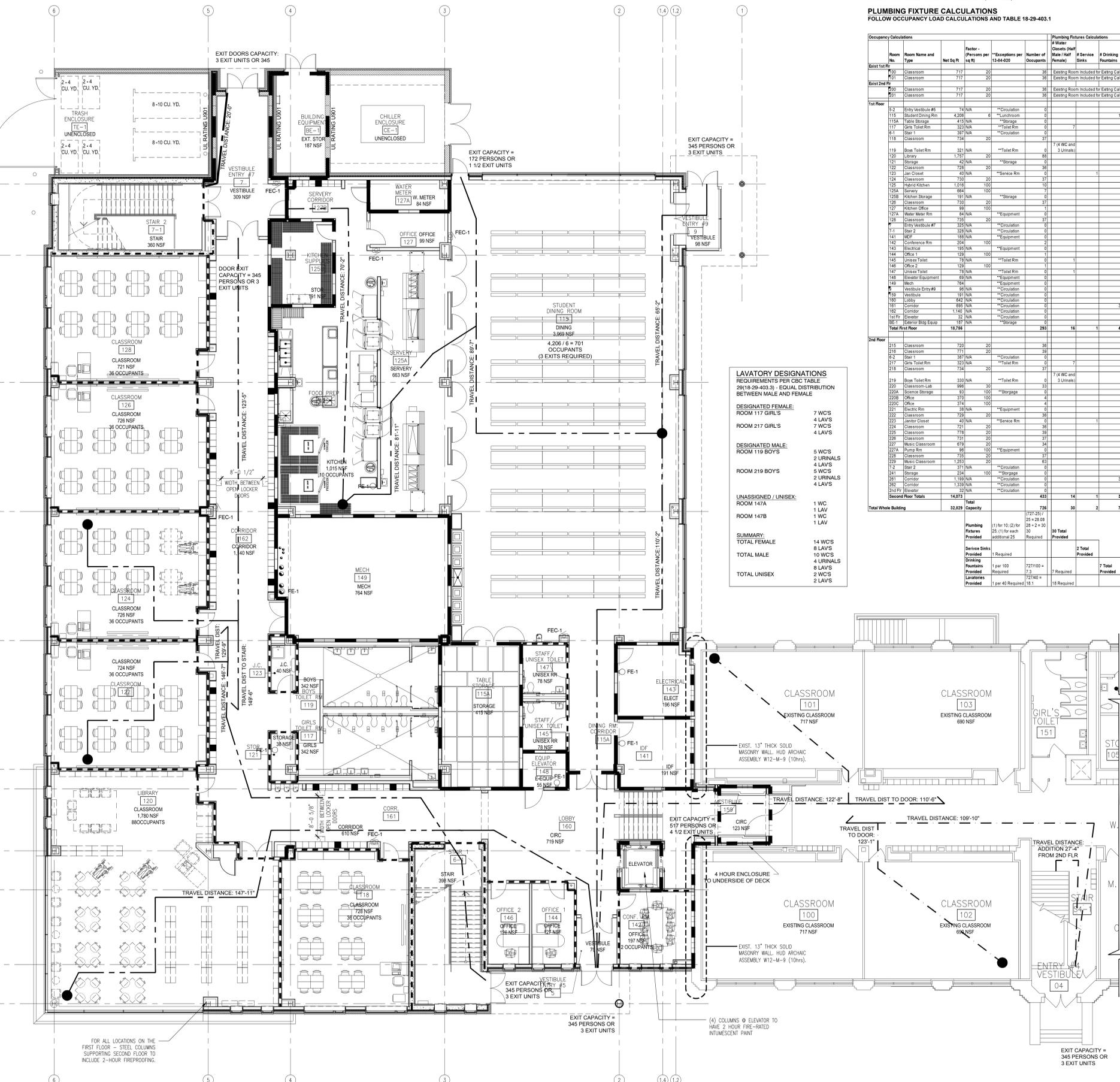
#### **3.4 CLEANING**

- A. Clean the exterior surfaces of the sunshades at regular intervals to prevent the buildup of dust and debris in accordance with AAMA-10.1-1 979 - Voluntary Guide Specifications.

3.2 PROTECTION

- A. Protect installed materials to prevent damage by other trades.

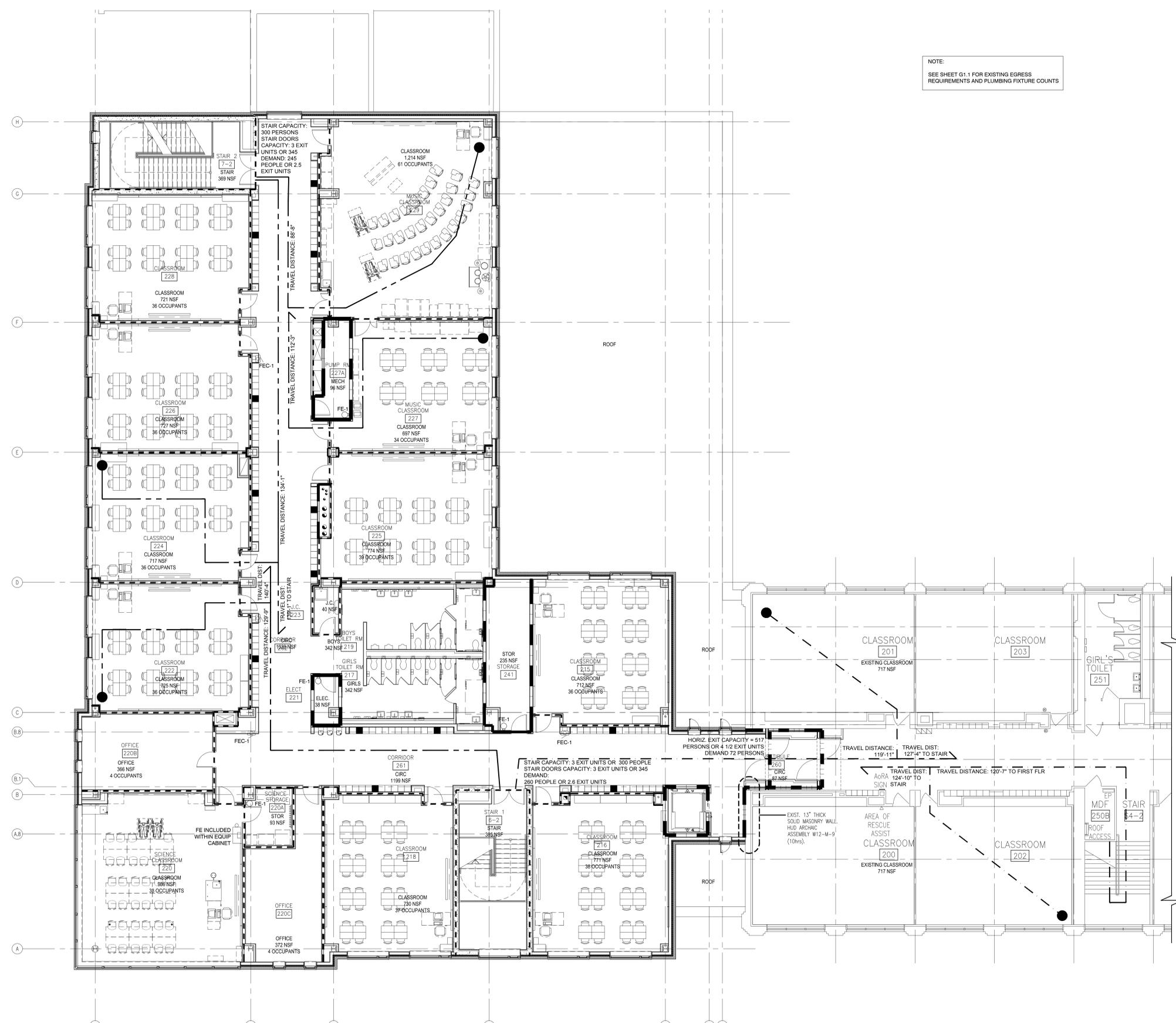
END OF SECTION



**OCCUPANT LOAD CALCULATIONS**  
 FOLLOW 311-66-310 FOR ASSEMBLY UNITS, 311-66-320 FOR OTHER OCCUPANCIES, AND OCCUPANCY EXCEPTIONS FOR SCHOOLS 3(13-84-020).

**PLUMBING FIXTURE CALCULATIONS**  
 FOLLOW OCCUPANCY LOAD CALCULATIONS AND TABLE 16-29-403.1

Occupancy Calculations				Plumbing Fixture Calculations				
Room No.	Room Name and Type	Net Sq Ft	Factor (Persons per sq ft)	# Exceptions per 14-4-020	Number of Occupants	# Water Closets (Male/Female)	# Sinks	# Lavatories
100	Classroom	717	20		36			
101	Classroom	717	20		36			
102	Classroom	717	20		36			
103	Classroom	717	20		36			
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NOTE:  
SEE SHEET G1.1 FOR EXISTING EGRESS REQUIREMENTS AND PLUMBING FIXTURE COUNTS

- GENERAL RATING REQUIREMENTS:**
- REFER TO G1.1 AND G1.2 FOR FIRE RESISTIVE RATINGS + SEPARATIONS
  - REFER TO FLOOR PLANS A1.1 AND A1.2 FOR WALL PARTITION TAGS
  - REFER TO A9.1 + A9.2 FOR PARTITION TYPES AND DETAILS
  - REFER TO A9.3 + A9.4 FOR TYP. FIRESTOPPING DETAILS
  - ALL COLUMNS SUPPORTING FLOORS SHALL BE PROTECTED MIN. 2-HOURS; REFER TO "GRAPHIC SYMBOLS, FIRE-RESISTIVE FLOOR/CEILING ASSEMBLIES", THIS SHEET FOR UL DESIGNATIONS.
  - ALL BEAMS, GIRDERS AND DECK SUPPORTING FLOORS SHALL BE FIRE-PROTECTED TO ACHIEVE A MIN. 1-HR FIRE RATING, REF. TO "GRAPHIC SYMBOLS, FIRE-RESISTIVE FLOOR/CEILING ASSEMBLIES" THIS SHEET FOR APPROVED UL DESIGNATIONS.
  - THE TOPS OF ALL PARTITIONS, INCLUDING PARTITIONS ON THE HIGHEST FLOOR, RATED 1-HR OR GREATER SHALL BE FIRESTOPPED AND SMOKE SEALED WITH AN APPROVED U.L. DESIGN ASSEMBLY, REF. TO DETAILS ON SHEET A9.2 ONLY. ALL OTHER PARTITIONS SHALL BE SEALED AT TOP AND AT ALL PENETRATIONS WITH AN EQUIVALENT ASSEMBLY INCLUDING UN-RATED PARTITIONS (ANNEX ONLY).
  - PROVIDE A FIRE-RATED GYP BD WALL BEHIND ALL WALL RECESSED CABINET UNIT HEATERS THAT ARE LOCATED WITHIN DESIGNATED FIRE-RATED WALLS: I.E. STAIR AND CORRIDOR WALLS, FIRESTOP + SMOKE SEAL ALL PENETRATIONS.
  - CONTRACTOR SHALL MAINTAIN MINIMUM FIRE-RATED WALL PROTECTION AND/OR EQUIVALENT OFFSET WALL CONSTRUCTION IN AREAS OF STRUCTURAL SUPPORT OF STAIR SYSTEMS AND SIMILAR ASSEMBLIES. MAINTENANCE OF FIRE BARRIER CONTINUITY SHALL BE PART OF STAIR INSTALLATION. ALL VOIDS SHALL BE FILLED AROUND SUPPORTING MEMBERS, FIRESTOPPED AND ACOUSTICAL/SMOKE SEALED.
  - PROVIDE CONTINUOUS FIRE-RATED GYP BD WALL CONSTRUCTION BEHIND ALL WALL RECESSED FIRE EXTINGUISHER CABINETS TO MAINTAIN REQUIRED WALL RATING, FIRESTOP, AND INCLUDE ACOUSTICAL/SMOKE SEAL ALL PENETRATIONS.
  - REFER TO PROJECT SPECIFICATIONS FOR FIRE EXTINGUISHER AND CABINET DESIGNATIONS; REFER TO ARCH. PLANS AND FIRE PROTECTION PLANS FOR LOCATIONS. WHEN IN CONFLICT ARCHITECTURAL DRAWINGS SHALL GOVERN.
  - AT LOCATIONS ON PLANS WHERE TWO DISSIMILAR PARTITIONS ABUT EACH OTHER, THE FIRE RATED PARTITIONS SHALL UNINTERRUPTEDLY CONTINUE FROM FLOOR TO CEILING, FIRESTOPPED, AND SMOKE SEALED WITH AN APPROVED U.L. DESIGN, CONSISTENT WITH THE REQUIRED WALL RATING. THE NON-RATED PARTITION SHALL OCCUR IMMEDIATELY ADJACENT TO THE FIRE-RATED PARTITION.
  - ALL NON LOAD BEARING WALLS SHALL BE HELD OFF STRUCTURAL MEMBERS (INCLUDING BEAMS, GIRDERS, JOISTS AND DECK) TO ACCOMMODATE MOVEMENT AND DEFLECTION; ALL GAPS SHALL BE FILLED WITH MINERAL WOOL AND FIRESTOPPED ON EACH SIDE OF THE WALL WITH A U.L. ASSEMBLY CONSISTENT WITH THE REQUIRED WALL RATING. REFER TO A9.1 AND A9.2 FOR ADDITIONAL INFORMATION.

**CHICAGO BUILDING CODE OPENING AND FINISHES NOTES:**

- ALL DOORS SHALL BE KEYLESS IN THE DIRECTION OF EGRESS PER 10(13-160-260) (a)
- ALL GLASS SHALL COMPLY WITH 331(13-124-250). ALL GLAZED DOORS AND ANY GLAZED PANEL MORE THAN 18" IN WIDTH IMMEDIATELY ADJACENT TO ANY DOOR, OR GLASS ASSEMBLIES LOCATED WITHIN 24" ABOVE THE ADJACENT FINISHED FLOOR SHALL BE GLAZED WITH APPROVED SAFETY GLAZING MATERIALS COMPLIANT WITH ANS1-Z-97.1-1986.
- ALL INTERIOR FINISHES SHALL COMPLY WITH SECTIONS 7(15-8-420); ALL EXIT STAIRWAY ENCLOSURES, ENCLOSED EXITS FROM SUCH STAIRWAYS TO OUTSIDE EXITS, AND ALL ROOMS EXCEEDING 100 OCCUPANTS SHALL HAVE GLASS INTERIOR WALL CEILING AND INTERIOR TRIM FLAME SPREAD AND SMOKE DEVELOP 200.
- CONTRACTOR SHALL PROVIDE APPLIED EXIT DOOR NUMERALS TO ALL EXIT DOORS IN ACCORDANCE WITH CHICAGO FIRE DEPT. REQUIREMENTS; REFER TO SHEET A0.1 FOR ADDITIONAL INFORMATION.

**GROSS ENCLOSED SPACE: (ANNEX ONLY)**

1ST FLOOR	= 20,821 GSF
2ND FLOOR	= 16,247 GSF
	= 37,068 GSF

**TOTAL BUILDING CAPACITY FOR EXITING: (ANNEX ONLY)**  
REFER TO OCCUPANT LOAD CALCULATION TABLE

1ST FLOOR:	293 OCCUPANTS
2ND FLOOR:	433 OCCUPANTS
TOTAL:	726 OCCUPANTS

- APPLIED FIREPROOFING (SFRM) NOTES:**
- COLUMNS SUPPORTING FLOORS AND ROOF:  
PROVIDE 2-HR PROTECTION PER UL DESIGN X772, X790, OR Y708. UNIFORMLY THICK APPLICATIONS OF SFRM MUST BE 1-3/8" MIN THICKNESS AROUND THE ENTIRE COLUMN. COLUMNS SUPPORTING ELEVATOR FRAMING:  
2 HR INTUMESCENT COATING UL NO. X650.
- STANDARD FLOOR/CEILING ASSEMBLY:  
PROVIDE 1-HR PROTECTION PER UL DESIGN D925, D947 OR D949 ON FLUTED FLOOR DECK AND SUPPORTING BEAMS. THE 1 HR FLOOR/CEILING ASSEMBLY CONSISTS OF 2 X 4 @ 24" GALV COMPOSITE FLOOR DECK (ALL FLUTED WITH 4-1/2" THICK CONCRETE @ 1-1/2" TOTAL THICKNESS), INCLUDE REINFORCING WITHIN CONCRETE PER THE APPROVED DRAWINGS. UNIFORMLY THICK APPLICATIONS OF SFRM ON W8X28 BEAMS MUST BE 1/2" MIN THICKNESS AS PER THE TABLE PROVIDED IN THE UL DESIGN. UNIFORMLY THICK APPLICATIONS OF SFRM ON W12X26 BEAMS MUST BE 3/4" MIN THICKNESS AS PER THE TABLE PROVIDED IN THE UL DESIGN. PROVIDE SUPPORTING CALCULATIONS FOR BEAMS OF OTHER DIMENSIONS.
- FLOOR JOISTS: PROVIDE 1-HR PROTECTION PER UL DESIGN D782; PROVIDE GRACE MONOKOTE MK-6/HY, 2-1/8" MIN THICKNESS PER MANUFACTURER'S RECOMMENDATIONS
- REF. G1.1 & G1.2: AT LOCATIONS OF EXPOSED STRUCTURAL WALL KICKERS AND ASSOCIATED SUPPORTING BEAMS, PROVIDE 1-HR RATED INTUMESCENT COATING PER MANUFACTURER'S RECOMMENDATIONS AS FOLLOWS:  
PROVIDE CARBOLINE NULLIFIER 9605 UL DES. X629 W/ 92 MM MIN THICKNESS @ W18X35 AND 59 MM THICKNESS @ L4X4X.375 OR PERMUL CARBOLINE FIREFILM III UL DES. X641 W/ 91 MM MIN THICKNESS @ W18X35 AND 55 MM THICKNESS @ L4X4X.375  
AT LOCATIONS OF CONCEALED STRUCTURAL WALL KICKERS AND ASSOCIATED SUPPORTING BEAMS, PROVIDE 1-HR RATED SPRAYED FIRE-RESISTIVE MATERIAL GRACE MONOKOTE MK-6/HY UL DES. 378 W/ 5/8" MIN THICKNESS @ W12X26, 1/2" MIN THICKNESS @ W24X88, AND 9/16" MIN THICKNESS @ HSS4X4X.375 FOR UNIFORMLY THICK APPLICATIONS.

**FIRE EXTINGUISHER SYMBOL KEY (REFER TO "A1" SERIES PLANS FOR LOCATIONS)**

- FE-1 WALL MOUNTED FIRE EXTINGUISHER
- FE-1 SEMI-RECESSED CABINET & FIRE EXTINGUISHER

- ANNEX EGRESS REQUIREMENTS**
- SECOND FLOOR ANNEX: LARGEST OCCUPANT LOADED FLOOR = 398 + 72 = 470**
- 210 PEOPLE EXITING STAIR 2 = 148 (WITHIN 4 CLASSROOMS) + 62 (MUSIC CLASSROOM)  
188 PEOPLE EXITING STAIR 1 = 33 (SCIENCE LAB CLASSROOM) + 7 (WITHIN TWO OFFICES) + 147 (WITHIN 4 CLASSROOMS)  
72 PEOPLE EXITING STAIR 1 = 72 (TWO EXISTING CLASSROOMS IN ADJACENT BUILDING)
- 470/100 (VERTICAL) = 4.7 EXIT UNITS REQUIRED FOR SECOND FLOOR STAIRS**
- SECOND FLOOR EXITING = (8) EXIT UNITS. TWO STAIRS WITH (2) 3'-0" DOORS AT EACH. LOCATED AT STAIR 1 (ROOM NUMBER 6-2) AND STAIR 2 (ROOM NUMBER 7-2). CAPACITY IS 150 PERSONS PER UNIT OR 600 PERSONS.**
- ANNEX FIRST FLOOR EGRESS REQUIREMENTS: (FIRST FLOOR ONLY) = 293 + 72 = 365**
- 17 PEOPLE EXITING ROOM 8-1 = 0 (STUDENT DINING RM) + 7 (SERVRY) + 10 (HYBRID KITCHEN)  
109 PEOPLE EXITING ROOM 7 = 1 (KITCHEN OFFICE) + 108 (FOR THREE CLASSROOMS)  
125 PEOPLE EXITING STAIR 5 = 37 (FOR ONE CLASSROOM)  
129 PEOPLE EXITING ROOM 5 = 3 (FOR TWO OFFICES) + 2 (CONF RM) + 36 (FOR ONE CLASSROOM) + 88 (LIBRARY)  
72 PEOPLE EXITING ROOM 5 = 72 (TWO EXISTING CLASSROOMS IN ADJACENT BUILDING)
- 365/115 (HORIZONTAL) = 3.2 EXIT UNITS REQUIRED**
- FIRST FLOOR EXITING: (8) EXIT UNITS. FOUR DOUBLE EXIT DOORS TO THE EXTERIOR (EACH WITH 2, 3'-0" DOORS) AT ROOMS 5, 1, 2, 9 AND (1) EXIT UNIT (1, 3'-0" DOOR) AT ROOM 115. CAPACITY IS 115 PEOPLE PER UNIT OR 1,035 PERSONS.**
- COMBINED EXITING TO EXTERIOR:**
- ROOM 6-1 STAIR = 297 = 37 (1ST FLR) + 188 (2ND FLR) + 72 (EXIST 2ND FLR) IS WITHIN CAPACITY OF 345 OCCUPANTS  
ROOM 5 VEST = 323 = 129 (1ST FLR) + 72 (EXIST 1ST FLR) + 210 (2ND FLR) IS WITHIN CAPACITY OF 345 OCCUPANTS  
ROOM 7 VEST = 319 = 109 (1ST FLR) + 210 (2ND FLR) IS WITHIN CAPACITY OF 345 OCCUPANTS  
ROOM 5 VEST = 17 = 17 OCCUPANTS (1ST FLR) + 0 (2ND FLOOR) IS WITHIN CAPACITY OF 345 OCCUPANTS

**SYMBOLS: LIFE SAFETY**

1 HOUR FIRE RESISTANCE RATED SEPARATION	---
2 HOUR FIRE RESISTANCE RATED SEPARATION	---
4 HOUR FIRE RESISTANCE RATED SEPARATION	---
NEW SCHOOL (ANNEX): MAX TRAVEL DISTANCE = 150 FT	---
EXISTING SCHOOL: MAX TRAVEL DISTANCE = 150 FT	---



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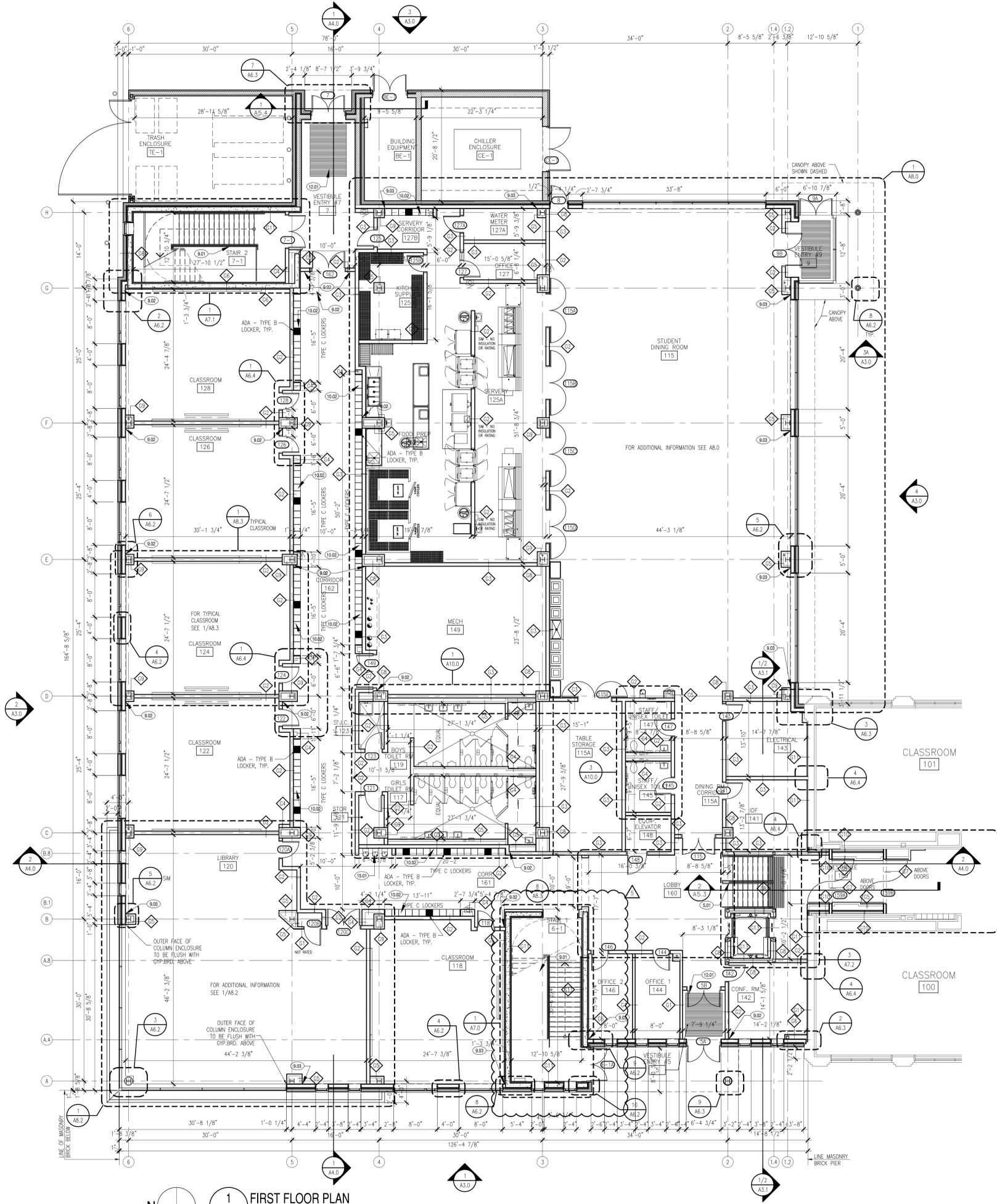
WARNING: VARIOUS COMPONENTS SPACED WITHIN THE SCHOOL HAVE BEEN IDENTIFIED AND/OR Labeled WITHIN THIS DRAWING. REGARDLESS OF CONCERNATIONS, THERE IS A POTENTIAL FOR LEAD, PCB, OR OTHER HAZARDOUS MATERIALS TO BE PRESENT IN THE APPROVED AND/OR RENOVATION ACTIVITIES. FOR ALL SMALL SCALE RENOVATIONS, THE CONTRACTOR SHALL FOLLOW THE APPROPRIATE MEASURES FOUND IN PROJECT SPECIFICATIONS TO PREVENT OUTFLOW OF CONTAMINATED PARTS OF THE BUILDING. LEAD-BASED PAINT MAY BE PRESENT WITHIN THE BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE APPROPRIATE PRECAUTIONS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. ASBESTOS CONTAMINATION SHALL BE DETECTED BY WHITE CHARACTERIZATION AND WASTE DISPOSAL. ALL WORK WITH ASBESTOS CONTAMINATION (INCLUDING PAINT) SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION PROJECT SPECIFICATIONS. WARNING: ASBESTOS CONTAMINATION MAY BE PRESENT IN THE BUILDING. AN ASBESTOS MANAGEMENT PLAN IS AVAILABLE IN THE SCHOOL FOR THE BUILDING. ASBESTOS CONTAMINATION SHALL BE DETECTED BY WHITE CHARACTERIZATION AND WASTE DISPOSAL. ALL WORK WITH ASBESTOS CONTAMINATION (INCLUDING PAINT) SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION PROJECT SPECIFICATIONS. ASBESTOS CONTAMINATION SHALL BE DETECTED BY WHITE CHARACTERIZATION AND WASTE DISPOSAL. ALL WORK WITH ASBESTOS CONTAMINATION (INCLUDING PAINT) SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION PROJECT SPECIFICATIONS.

**ISSUANCE**

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3	ISSUED FOR 60% REVIEW	01/03/2017
4	ISSUED FOR 90% REVIEW (PERMIT)	03/27/2017
5	ISSUED FOR PERMIT	03/15/2017
6	ISSUED FOR 100% REVIEW	04/14/2017
7	ISSUED FOR OUT TO BID	04/26/2017
8	ADDENDUM 1	05/16/2017
9	ADDENDUM 2	05/23/2017
10	ADDENDUM 5	06/05/2017

DRAWN BY: ILEKIS ASSOCIATES  
SCALE: SEE DRAWING  
PROJ. NAME: BYRNE ANNEX  
PROJECT #: 1618-01  
FILE: 1618-01 G1.2  
TITLE

**SECOND FLOOR EXITING PLAN**  
G1.2



1  
A1.1  
FIRST FLOOR PLAN  
SCALE: 1/8"=1'-0"

LOCKER SCHEDULE - ANNEX ONLY

LEVEL	STUDENT LOCKERS			FACILITY LOCKERS		SUB-TOTAL
	TYPE A (NON ADA)	TYPE C (NON ADA)	TYPE B (ADA)	TYPE A (NON ADA)	TYPE B (ADA)	
FIRST FLOOR	0	257	12	6	1	276
SECOND FLOOR	0	212	13	0	0	225
SUB-TOTAL	0	469	25	6	1	501

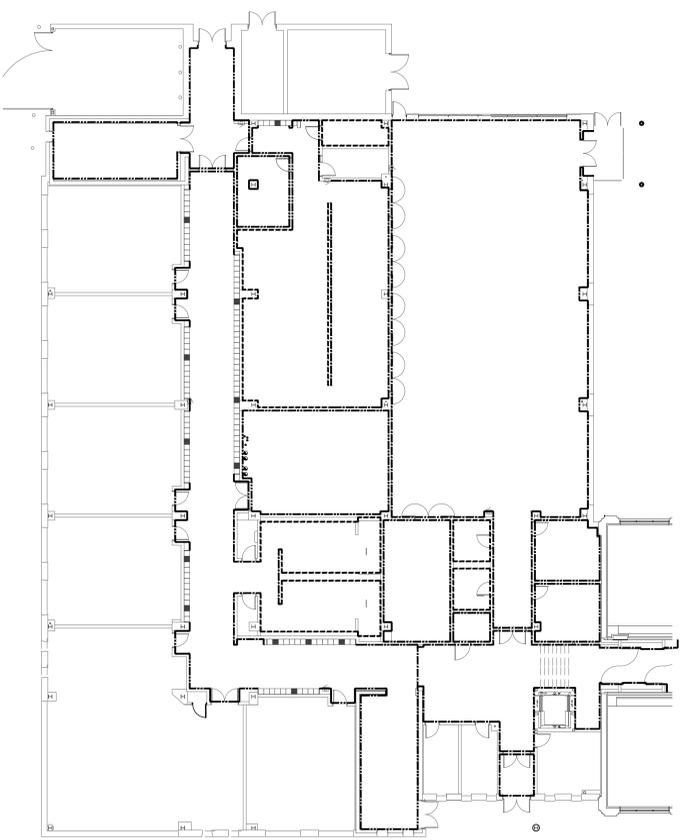
NOTE: SEE A9.0 AND A9.08 FOR LOCKER DETAILS.

ORIGINAL BUILDING SUMMARY:  
 FIRST FLOOR STUDENT LOCKERS - EXISTING FULL HEIGHT LOCKERS 168  
 EXISTING DOUBLE LOCKERS 0  
 SECOND FLOOR STUDENT LOCKERS - EXISTING FULL HEIGHT LOCKERS 50  
 EXISTING DOUBLE LOCKERS 288  
 SUB-TOTAL 506

LOCKER SUMMARY:  
 EXISTING LOCKERS 506  
 NEW ANNEX LOCKERS 501  
 TOTAL 1,007

NOTE: ALL NEW ANNEX LOCKERS (TYPE A, TYPE B & TYPE C) ARE 15" WIDE BY 15" DEEP METAL LOCKERS.

- ARCHITECTURAL SCOPE OF WORK
- GENERAL NOTES:  
 1. NOT ALL NOTES USED ON EACH SHEET  
 2. ALL OPERABLE WINDOWS ARE ADA ACCESSIBLE
- DIVISION 2  
 2.01- DETECTABLE WARNING PATTERN PER SPECIFICATIONS
- DIVISION 3  
 3.01-
- DIVISION 5  
 5.01- STEEL PAINTED HANDRAIL, SEE 2/A7.3
- DIVISION 7  
 7.01- SHIP'S LADDER WITH ROOF HATCH PER SPECIFICATIONS, SEE 1-2/A6.1  
 7.02- VERTICAL LADDER AND SUPPORTS SEE 3-4/A6.1
- DIVISION 9  
 9.01- PAINTED EXPOSED STAIR STRUCTURE, INCLUDING CHANNELS, PAN, BEAMS, PLATES, CONNECTIONS, GUARDRAILS, & ASSOCIATED ELEMENTS CONTROL JOINT, SEE 4/A9.2  
 9.03-
- DIVISION 10  
 10.02- PROVIDE NEW METAL LOCKERS - SEE DETAIL  
 10.03- NOT USED  
 10.04- PROVIDE NEW SEM-RECESSED FIRE EXTINGUISHER AND CABINET
- DIVISION 11  
 11.01- PROVIDE & INSTALL CEILING MOUNTED PROJECTION SCREEN AND MOUNTING BRACKETS
- DIVISION 12  
 12.01- PROVIDE AND INSTALL NEW FOOT GRILLE, SEE 7/A8.6
- DIVISION 15  
 15.01- PROVIDE AND INSTALL NEW DRINKING FOUNTAINS - SEE PLUMBING DRAWINGS



2  
A1.1  
WALL PROTECTION KEY PLAN  
SCALE: 1/8"=1'-0"

- LEGEND:
- HIGH ABUSE GYPSUM BOARD ON OUTER LAYER OF WALL CONSTRUCTION
  - MOISTURE RESISTANT BOARD ON OUTER LAYER OF WALL CONSTRUCTION
  - SOLID SURFACE WALL SYSTEM

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10	ADDENDUM 5	06/05/2017

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 SCALE: SEE DRAWING  
 PROJ. NAME: BYRNE ANNEX  
 PROJECT #: 1618-01  
 FILE: 1618-01\_A1.1

TITLE  
 FIRST FLOOR PLAN  
 SHEET  
 A1.1

ARCHITECTURAL SCOPE OF WORK

GENERAL NOTES:  
 1. NOT ALL NOTES USED ON EACH SHEET  
 2. ALL OPERABLE WINDOWS ARE ADA ACCESSIBLE

DIVISION 2  
 2.01- DETECTABLE WARNING PATTERN PER SPECIFICATIONS

DIVISION 3  
 3.01-

DIVISION 5  
 5.01- STEEL PAINTED HANDRAIL, SEE 2-A7.3.

DIVISION 7  
 7.01- SHIPS LADDER WITH ROOF HATCH PER SPECIFICATIONS, SEE 1-2/A8.1.  
 7.02- VERTICAL LADDER AND SUPPORTS SEE 3-4/A8.1

DIVISION 9  
 9.01- PAINTED EXPOSED STAIR STRUCTURE, INCLUDING CHANNELS, PAN BEAMS, PLATES, CONNECTIONS, GUARDRAILS, & ASSOCIATED ELEMENTS  
 9.02- CONTROL JOINT, SEE 4/A8.2  
 9.03- CONTROL JOINT, SEE 3/A8.2

DIVISION 10  
 10.02- PROVIDE NEW METAL LOCKERS - SEE DETAIL 1-S/A8.0  
 10.03- NOT USED  
 10.04- PROVIDE NEW SEM-RECESSED FIRE EXTINGUISHER AND CABINET

DIVISION 11  
 11.01- PROVIDE & INSTALL CEILING MOUNTED PROJECTION SCREEN AND MOUNTING BRACKETS

DIVISION 12  
 12.01- PROVIDE AND INSTALL NEW FOOT GRILLE, SEE 7-A8.6

DIVISION 15  
 15.01- PROVIDE AND INSTALL NEW DRINKING FOUNTAINS - SEE PLUMBING DRAWINGS

LOCKER SCHEDULE - ANNEX ONLY

LEVEL	STUDENT LOCKERS			FACULTY LOCKERS		SUB-TOTAL
	TYPE A (NON ADA)	TYPE C (NON ADA)	TYPE B (ADA)	TYPE A (NON ADA)	TYPE B (ADA)	
FIRST FLOOR	0	257	12	6	1	276
SECOND FLOOR	0	212	13	0	0	225
SUB-TOTAL	0	469	25	6	1	501
TOTAL						501

NOTE:  
 SEE A9.0 AND ADA.08 FOR LOCKER DETAILS.

ORIGINAL BUILDING SUMMARY:  
 FIRST FLOOR STUDENT LOCKERS - EXISTING FULL HEIGHT LOCKERS 168  
 EXISTING DOUBLE LOCKERS 0  
 SECOND FLOOR STUDENT LOCKERS - EXISTING FULL HEIGHT LOCKERS 50  
 EXISTING DOUBLE LOCKERS 288  
 SUB-TOTAL 506

LOCKER SUMMARY:  
 EXISTING LOCKERS 506  
 NEW ANNEX LOCKERS 501  
 1,007

NOTE: ALL NEW ANNEX LOCKERS (TYPE A, TYPE B & TYPE C) ARE 15" WIDE BY 15" DEEP METAL LOCKERS.



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WARNING: VARIOUS COMPONENT SURFACES WITHIN THE SCHOOL HAVE TESTED ABOVE AND BELOW THE LEAD THRESHOLD OF 1:100,000 REGARDLESS OF CONCENTRATION. THERE IS A POTENTIAL FOR LEAD, CRIST GENERATION DURING DRILLING, CORNER PAINTING, REPAIRS, AND OTHER RENOVATION ACTIVITIES. FOR ALL SMALL SCALE DISTURBANCES THE CONTRACTOR SHALL MAINTAIN THE APPROPRIATE MEASURES FOUND IN PROJECT SPECIFICATIONS TO PREVENT DUST MIGRATION TO THE OTHER PARTS OF THE BUILDING. LEAD-BASED PAINT MAY BE PRESENT WITHIN THE BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE APPROPRIATE SAFETY MEASURES IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS INCLUDING SAFETY TRAINING, COMPLIANCE, WASTE CHARACTERIZATION AND WASTE DISPOSAL, ALL WORK WITH LEAD-BASED PAINTING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION PROJECT SPECIFICATIONS. WARNING: ASBESTOS-CONTAINING BUILDING MATERIALS ARE OR MAY BE PRESENT IN THE BUILDING. AN ASBESTOS MANAGEMENT PLAN IS AVAILABLE IN THE SCHOOL FOR REVIEW. FOR MORE INFORMATION ON ASBESTOS-CONTAINING MATERIALS UNLESS THAT PERSON IS A LICENSED ASBESTOS REMEDIATION CONTRACTOR WORKING IN ACCORDANCE WITH SPECIFICATIONS CONTAINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH LOCAL DEPARTMENT OF HEALTH RULES AND REGULATIONS.

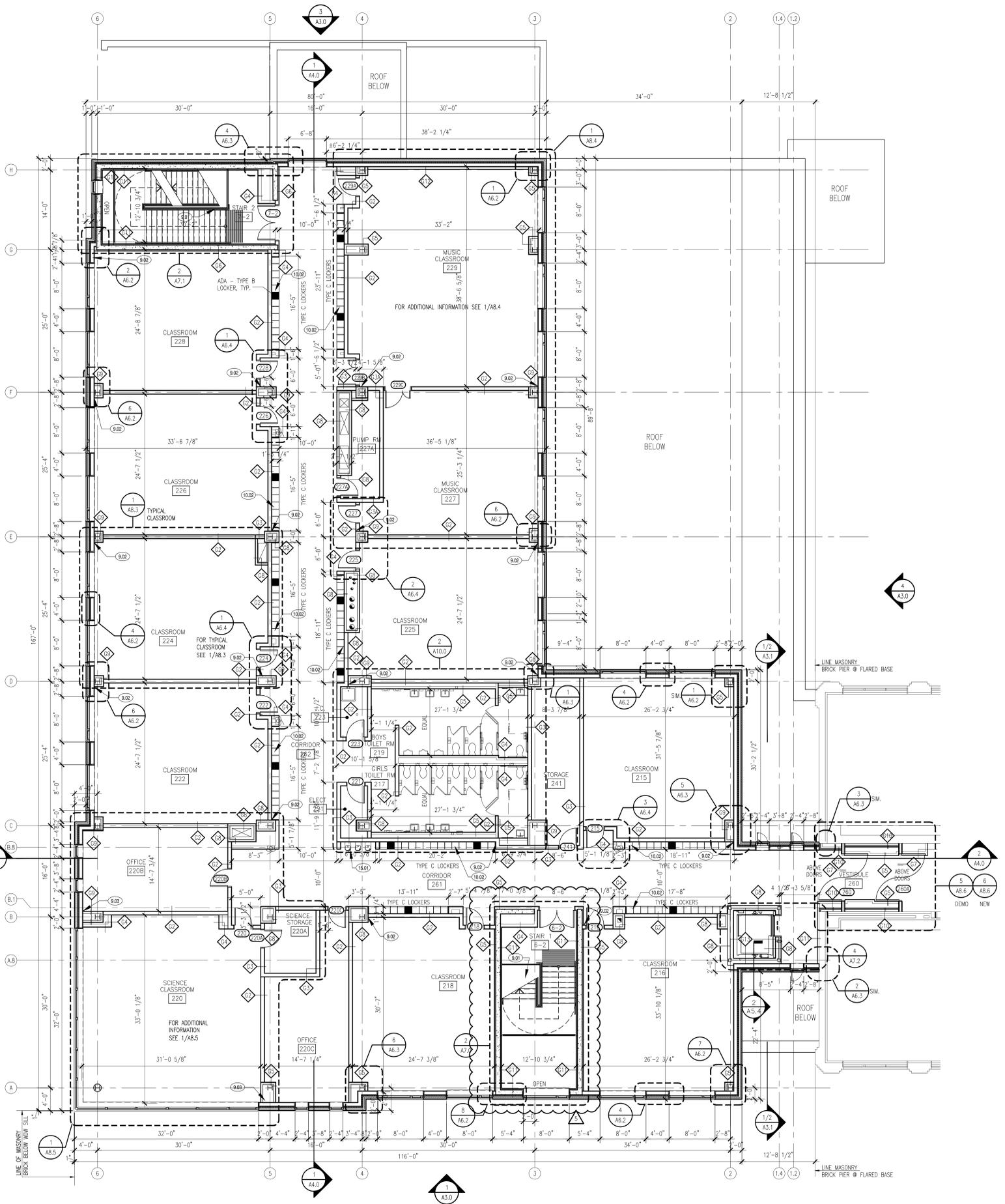
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 SCALE: SEE DRAWING  
 PROJ. NAME: BYRNE ANNEX  
 PROJECT #: 1618-01  
 FILE: 1618-01 A1.2

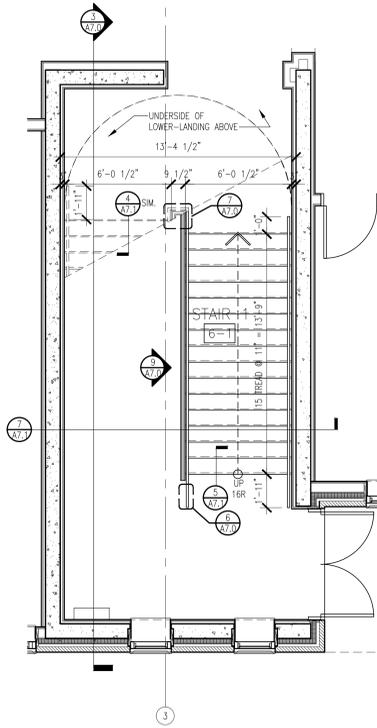
**SECOND FLOOR PLAN**

**A1.2**

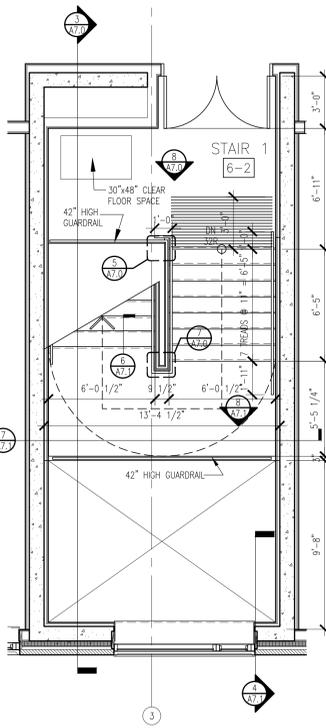


**1 ANNEX SECOND FLOOR PLAN**  
 SCALE: 1/8"=1'-0"

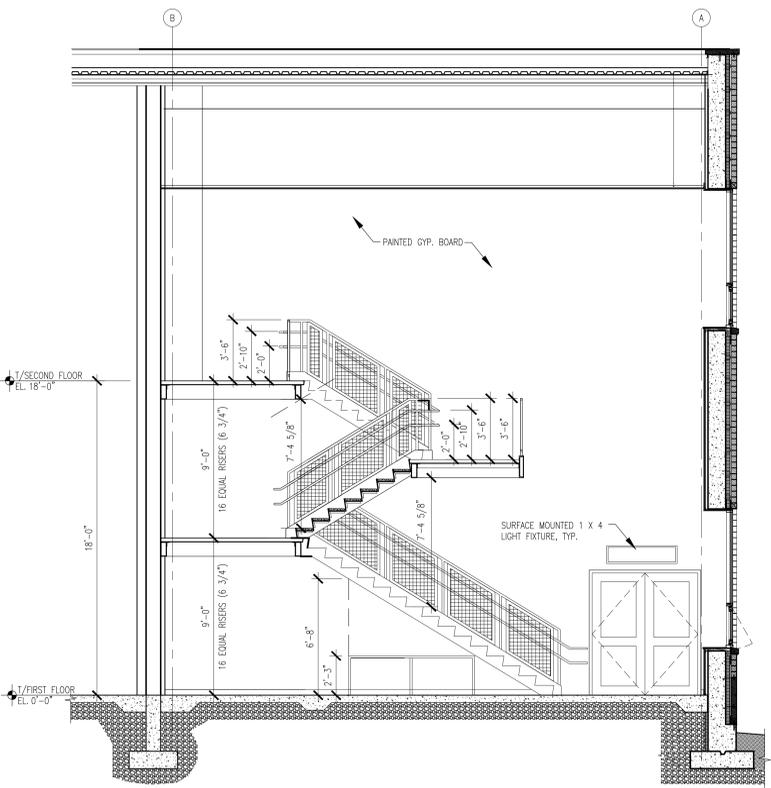
**2 WALL PROTECTION KEY PLAN**  
 SCALE: 1/16"=1'-0"



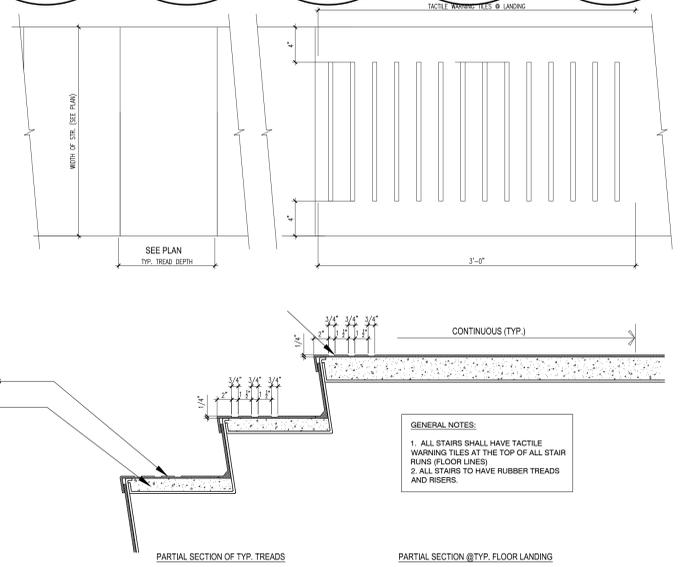
**1 STAIR 1 FIRST FLOOR PLAN**  
SCALE: 1/4"=1'-0"



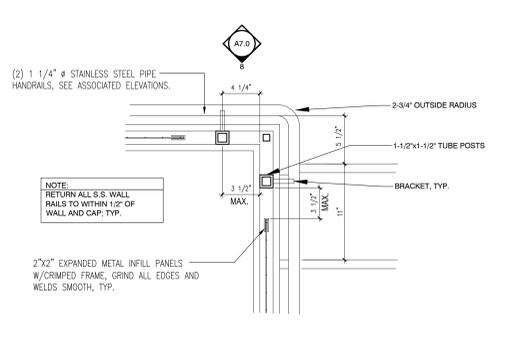
**2 STAIR 1 SECOND FLOOR PLAN**  
SCALE: 1/4"=1'-0"



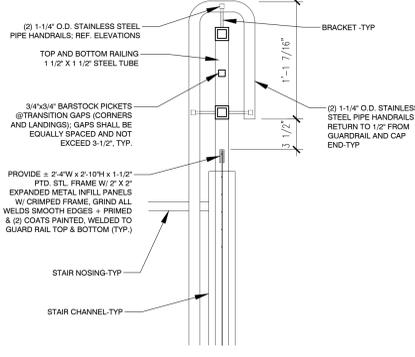
**3 STAIR #1 SECTION**  
SCALE: 1/4"=1'-0"



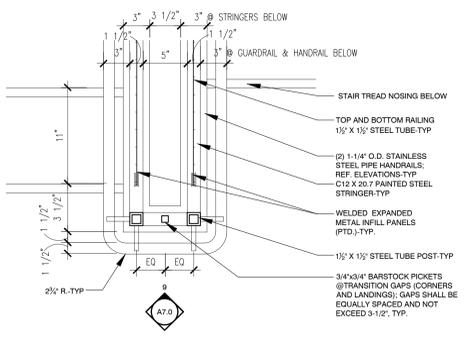
**4 TYPICAL DETAILS & TACTILE WARNING STRIP**  
SCALE: 1/2"=1'-0"



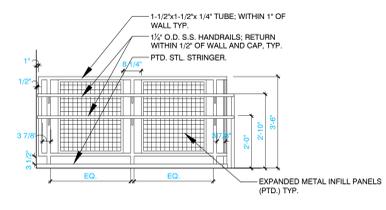
**5 PLAN DETAIL**  
SCALE: 1/2"=1'-0"



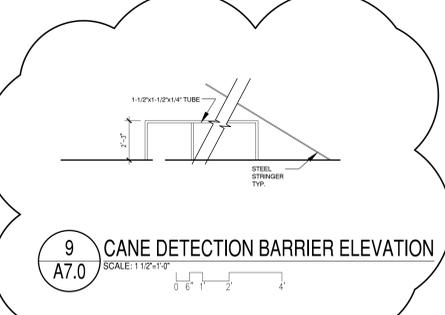
**6 PLAN DETAIL**  
SCALE: 1/2"=1'-0"



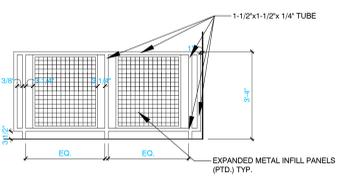
**7 PLAN DETAIL**  
SCALE: 1/2"=1'-0"



**8 RAILING ELEVATION**  
SCALE: 1/2"=1'-0"



**9 CANE DETECTION BARRIER ELEVATION**  
SCALE: 1/2"=1'-0"



**10 TYPICAL BARRIER ELEVATION**  
SCALE: 1/2"=1'-0"

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CHICAGO, ILLINOIS  
CIVIL ENGINEER OF RECORD  
**SITE DESIGN GROUP**  
CHICAGO, ILLINOIS  
LANDSCAPE ARCHITECT  
**SHINER & ASSOCIATES, INC.**  
CHICAGO, ILLINOIS  
ACOUSTICAL ENGINEER  
**MVP SERVICES GROUP**  
CHICAGO, ILLINOIS  
FOOD SERVICES CONSULTANT  
**ECOVIVAL DESIGN INC.**  
CHICAGO, ILLINOIS  
LEED CONSULTANT  
THESE DOCUMENTS WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, COMPLY WITH THE APPLICABLE CODES AND BUILDING REGULATIONS.  
ALPHONSE A. ILEKIS, AIA  
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WARNING: HAZARDOUS COMPONENTS SURFACES WITHIN THE SCHOOL HAVE TESTED ABOVE AND BELOW THE LEAD THRESHOLD OF CONCERN. REGARDLESS OF CONCENTRATIONS, THERE IS A POTENTIAL FOR LEAD DUST GENERATION DURING DRILLING, GRINDING, PAINTING, PREPARATION AND OTHER RENOVATION ACTIVITIES. FOR ALL SMALL SCALE DISTURBANCES, THE CONTRACTOR SHALL FACILITATE THE APPROPRIATE MEASURES TO PREVENT DUST FROM BEING RELEVATED TO THE AIR. MEASURES TO PREVENT DUST RELEVATION TO OTHER PARTS OF THE BUILDING LEANED BY MAY BE PRESENT WITHIN THE BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE THE APPROPRIATE SAFETY MEASURES IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS. LEADING DUST SHALL BE CONTAINED, WASTE CHARACTERIZATION AND WASTE DISPOSAL, ALL WORK WITH SURFACE CONTAINING LEADING DUST SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION PROJECT PREPARATIONS. WARNING: ASBESTOS CONTAINING BUILDING MATERIALS ARE OR MAY BE PRESENT IN THE BUILDING. AN ASBESTOS MANAGEMENT PLAN IS AVAILABLE IN THE SCHOOL. FOR REVIEW WITHIN THE SCHOOL. NO PERSONS MAY DISTURB ASBESTOS CONTAINING MATERIALS UNLESS THAT PERSONS ARE LICENSED ASBESTOS WORKERS OR CONDUCTS SUCH WORK IN ACCORDANCE WITH SPECIFICATIONS CONTAINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH ILLINOIS DEPARTMENT OF HEALTH RULES AND REGULATIONS.

ISSUANCE	MARK	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	10/25/2016	
2	ISSUED FOR DESIGN DEVELOPMENT	12/06/2016	
3	ISSUED FOR 60% REVIEW	01/31/2017	
4	ISSUED FOR 90% REVIEW (PERMIT)	03/7/2017	
5	ISSUED FOR PERMIT	03/15/2017	
6	ISSUED FOR 100% REVIEW	04/4/2017	
7	ISSUED FOR OUT TO BID	04/28/2017	
8	ADDENDUM 1	05/16/2017	
9	ADDENDUM 2	05/23/2017	
10	ADDENDUM 5	06/05/2017	

DRAWN BY: ILEKIS ASSOCIATES  
SCALE: SEE DRAWING  
PROJ. NAME: BYRNE ANNEX  
PROJECT #: 1618-01  
FILE: 1618-01\_A7.0

STAIR #1 PLAN SECTION & DETAILS

SHEET **A7.0**