

**THE SCHOOL DISTRICT OF PHILADELPHIA  
SCHOOL REFORM COMMISSION  
Office of Capital Programs  
440 North Broad Street, 3<sup>rd</sup> Floor – Suite 371  
Philadelphia, PA 19130**

TELEPHONE: (215) 400-4730

**Addendum No. 1**

**Subject: J. Hampton Moore School  
Major Renovation Phase 2B – Interior Renovations  
SDP Contracts No. B-083C and B-084C of 2016/17**

**Location: J. Hampton Moore School  
1100 Tyson Avenue  
Philadelphia, PA 19111**

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**This Addendum, dated 7th of November, 2017, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.**

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**The following items, clarifications and/or revisions are to be included in the Contract Documents:**

- 1. Drawing E2.02 is revised to include PA speakers and wireless clocks in the new modular building. The modular building is provided by others and is not part of this project.**
- 2. Drawing E5.04 – Detail 3 mounting detail is modified to include power/control cable.**
- 3. Drawing E6.01 – PNL L main rating changed to 225A; PNL L breaker at MDP2 changed to 175A; feeders from MDP2 to PNL L changed to 4 #2/0 & 1-#6 Gnd.**
- 4. Drawings FA.01 thru FA.04 – Notification circuit power booster (NAC) added to symbol legend; Location of NAC have been indicated on plans; Note 4 and 6 have been modified.**

**5. Questions and Clarifications:**

Q1: Is the General Contractor responsible for Asbestos/Lead Abatement?

A1: Refer to Specification 01 1100 Environmental Coordination and Asbestos Inspection Report in the Contract Documents.

Q2: Is the General Contractor responsible for the Plumbing work?

A2: Yes.

Q3: Specification 01 1000- Summary of Work page 2, Item F states that we are to Coordinate with other contractors. Please let me know if you will release the names of subcontractors working at the above referenced school (if any).

A3: Moore Major Renovation Phase 1 (Building Envelope) and Phase 2A (Site Improvements) have been previously advertised and awarded to the following contractors:

- General Construction: Smith Construction
- Plumbing Construction: Carolina Plumbing & Heating, Inc.
- Electrical Construction: Hyde Electric Corporation

**Addendum No. 1 (cont'd)**

Q4: Specifications 101100 page 4 of 6 2.03 item 5 Chalktray, mentions material to be Red Oak to match existing. Please confirm if this is correct or if standard Aluminum Box Tray may be provided instead.

A4: Standard Aluminum Box Tray is to be provided.

Q5: Section Anti-Discrimination Policy Calls for MBE Range 15%-20%; WBE Range 10%-15%; Material Range 10%-15%. Since this project has a Limited Scope of work with only a few subcontractors, can these requirements for MBE/WBE be lowered?

A5: No.

Q6: Detail 6/A3.01 has Keynote #1 Marker Boards: what is the arrow pointing to?

A6: Omit keynote 1 from detail 6/A3.01

Q7: Drawing E2.04 states to use Systimax patch panels. Spec's do not list them as approved. What patch panels are approved for the bid?

A7: Systimax, as specified on drawings, is an approved manufacturer. The panel manufacturer shall match the cable manufacturer to ensure compatibility between the two.

Q8: Note 7 on drawing E2.04 shows copper feed to the modular per manufacturer's spec's. How many copper feeds should we bid to pull to the modular building?

A8: The copper tie cable between the existing MDF in the Main Building and the new IDF in the modular building should be a black 6-pair Cat3 cable, terminated on the 66 block at both ends.

Q9: Fire alarm drawings and spec's do not request spare parts. Are any spare parts required for the fire alarm?

A9: Please refer to Note #2 on Fire Alarm Riser Diagram, A/FA.02

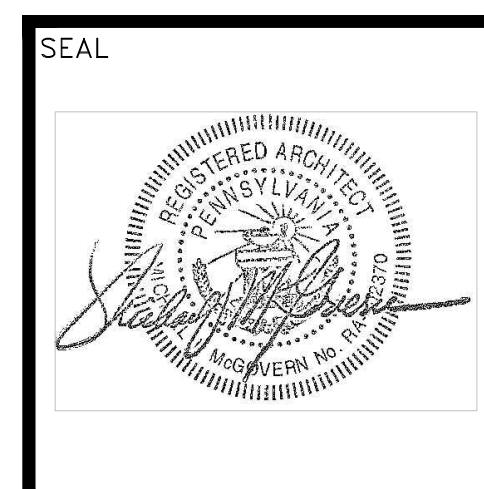
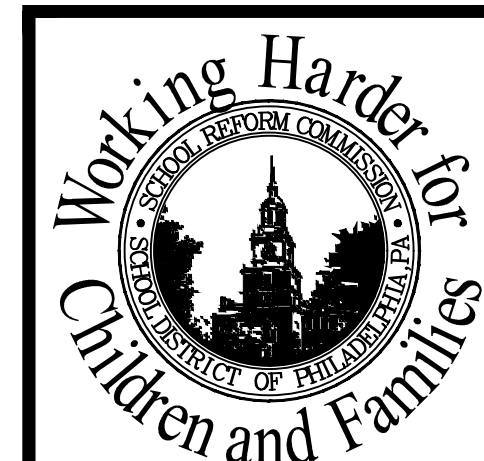
**-END OF ADDENDUM NO. 1-**

**Symbols List**

- ⊕ = 20A/120V DUPLEX RECEPTACLE
- ⊕⊕ = 20A/120V DOUBLE DUPLEX RECEPTACLE
- ⊕⊕⊕ = 20A/120V DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTION PROTECTION
- IPB = DATA OUTLET & RECEPT FOR INTERACTIVE PANEL BOARD, MOUNT AT 90" AFF.
- ∇ = DUAL DATA OUTLET, RUN 1-1/4" CONDUIT TO ABOVE HUNG CEILING
- ⊕ = SINGLE POLE 20A, QUIET TOGGLE SWITCH.
- E = EXISTING TO REMAIN
- WP = WEATHER PROOF
- ⊕⊕⊕ = WIRELESS ACCESS POINT (SYSTEMAX # AVAYA - PROXIM)
- ⊕⊕⊕ = WIRELESS SYSTEM CLOCK
- ⊕⊕⊕ = FLUSH CEILING SPEAKER (BOGEN #588 1725 P38M) with Recessed Volume Control

- NOTES:**
- ALL CIRCUITS ARE FED FROM PANEL 'C2' U.O.N.
  - EXACT LOCATION OF TEACHERS RECEPTACLE & DATA OUTLET SHALL BE DETERMINED IN THE FIELD BY OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN.
  - ALL WIRING SHALL BE INSTALLED IN MIN 3/4" SURFACE MOUNTED EMT CONDUIT, COORDINATE WITH GC TO HAVE CONDUIT PAINTED TO MATCH WALLS THAT ARE TO BE PAINTED UNDER THIS CONTRACT.
  - ALL CONDUIT SHALL BE EMT WITH COMPRESSION CONNECTORS U.O.N.
  - ALL CONDUIT IN MECHANICAL AND ELECTRICAL ROOMS SHALL BE RIGID GALVANIZED STEEL U.O.N.
  - SEE DRAWINGS E1.01-E1.04 FOR LOCATION OF EXISTING DEVICES.

- KEY NOTE:**
- ⊕ RECEPTACLE(S) & DATA OUTLET(S) SHALL BE GREY WITH BRUSHED STAINLESS STEEL PLATE(S).



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SCHOOL LOCATION  
J. HAMPTON MOORE SCHOOL  
100 TYSON AVE, PHILADELPHIA, PA 19111  
PROJECT TITLE  
MAJOR RENOVATION PHASE 2B  
DRAWING TITLE  
PROPOSED POWER PLAN-2ND FLOOR  
APPROVED BY

SCHOOL DISTRICT OF PHILADELPHIA  
THE SCHOOL REFORM COMMISSION  
OFFICE OF CAPITAL PROGRAMS  
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CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE

NO.	DATE	REVISION
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2	11/7/17	ADDENDUM #1
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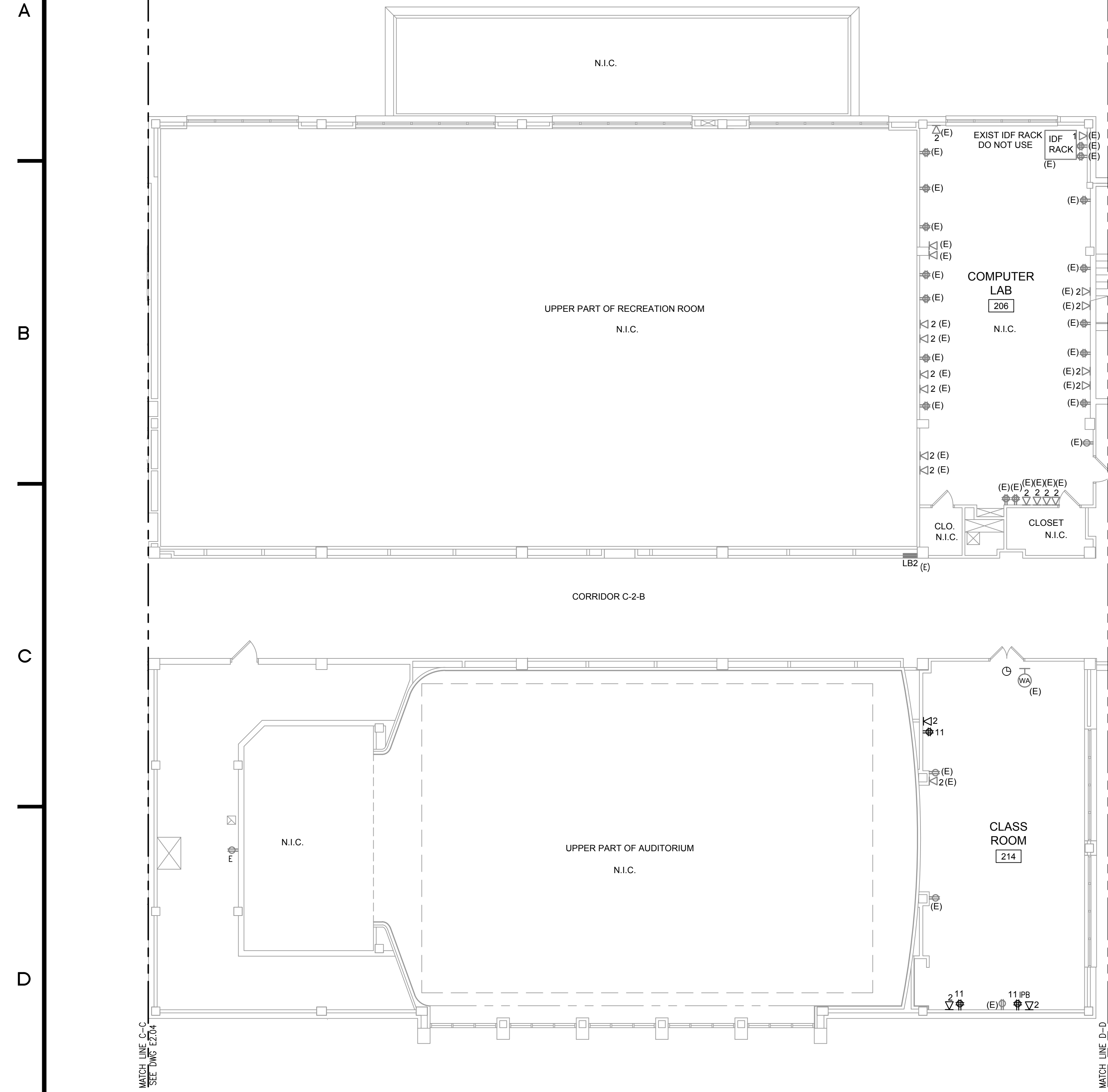
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B-006 of 206-201	

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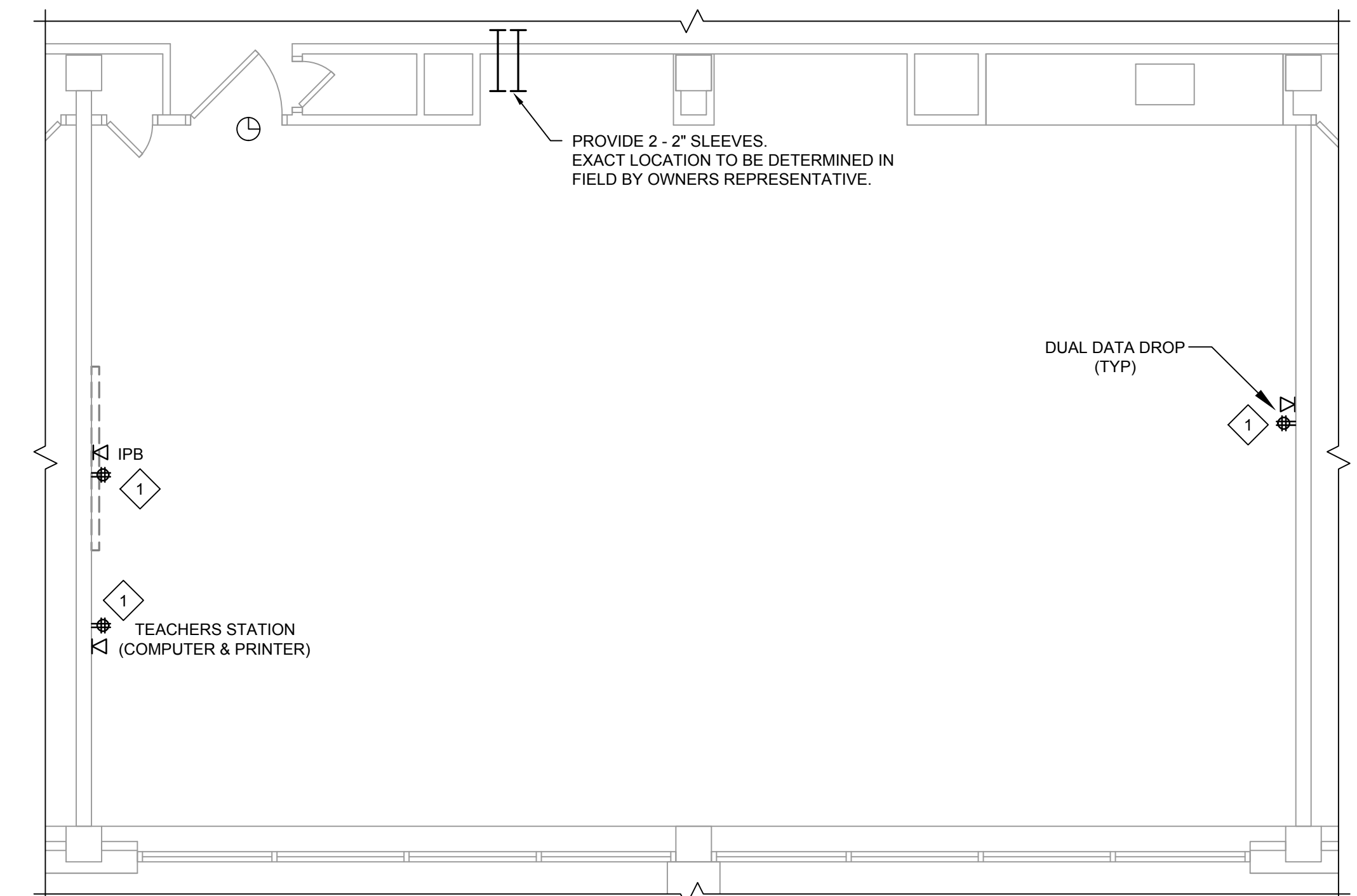
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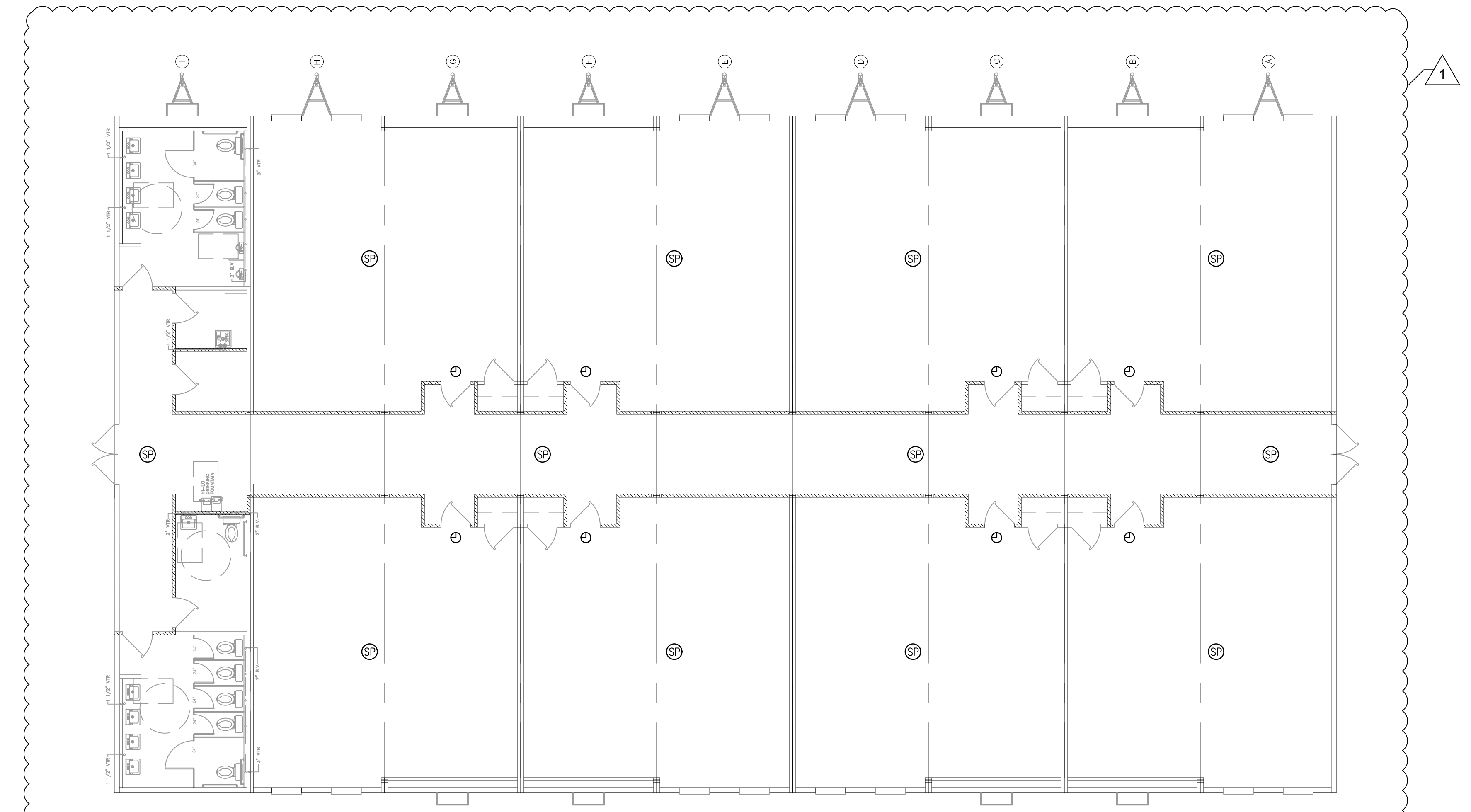
DRAWING NO.  
**E2.02**  
J HAMPTON MOORE SCHOOL



**1** Proposed Power Plan Second Floor - Auditorium Wing  
1/8" = 1'-0"

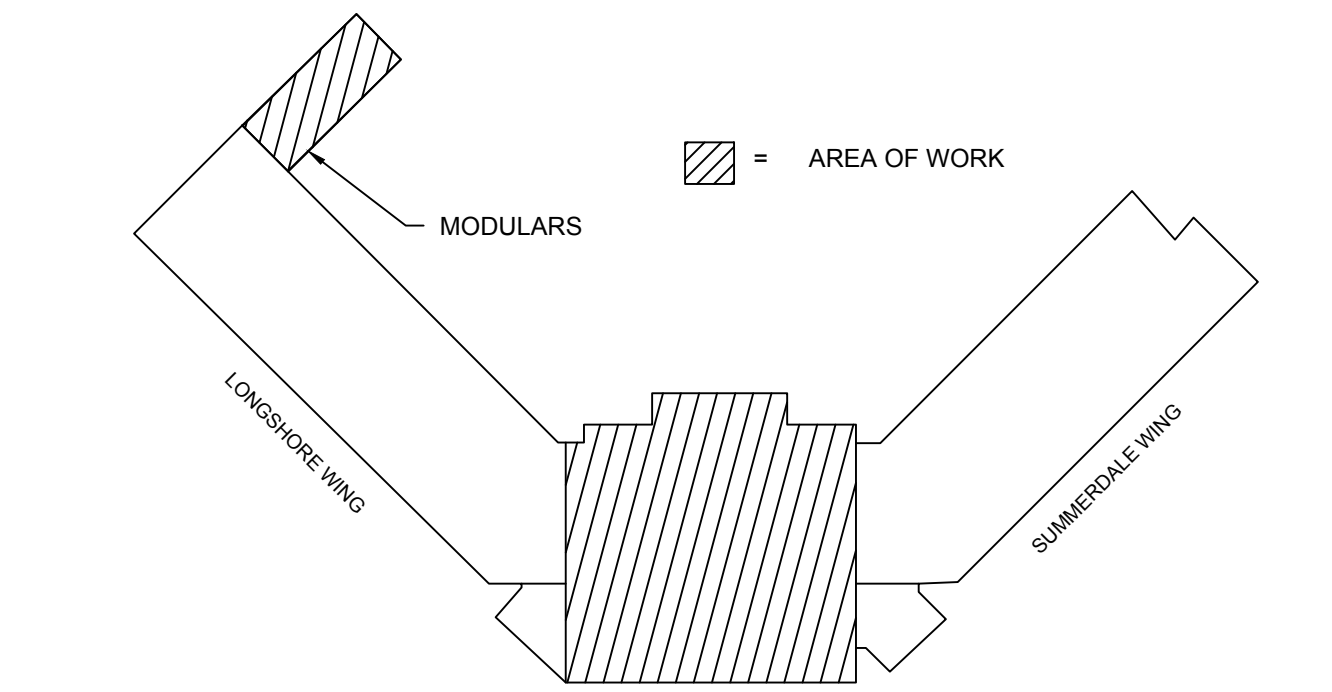


**2** TYPICAL CLASSROOM - STANDARD DETAIL  
1/4" = 1'-0"



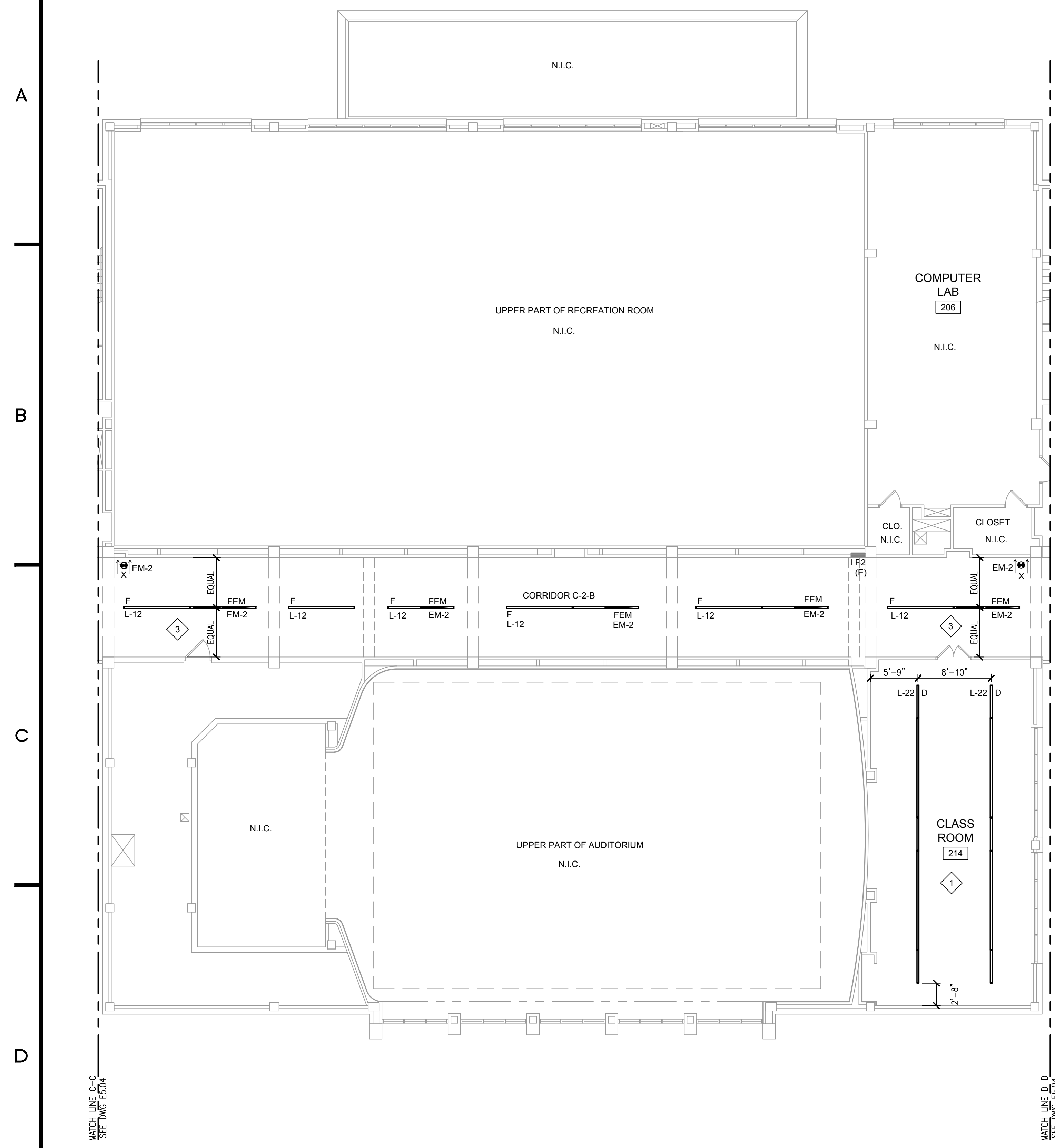
**3** PROPOSED MODULAR - CLOCKS / PA SYSTEM  
1/8" = 1'-0"

- MODULAR ELECTRICAL PLAN NOTES:**
- MODULAR BUILDING IS BY OTHERS. SCOPE OF WORK IS FOR SPEAKERS AND WIRELESS CLOCKS ONLY.
  - FOR EACH SPEAKER, PROVIDE 20 OR 22 AWG SOLID SHIELDED SPEAKER CABLE, HOME RUN DIRECTLY BACK TO THE MODULAR IDF AND TERMINATE ON A 66 BLOCK. CONTRACTOR SHALL PROVIDE THE 66 BLOCK WITH PROSPECTIVE TERMINALS.



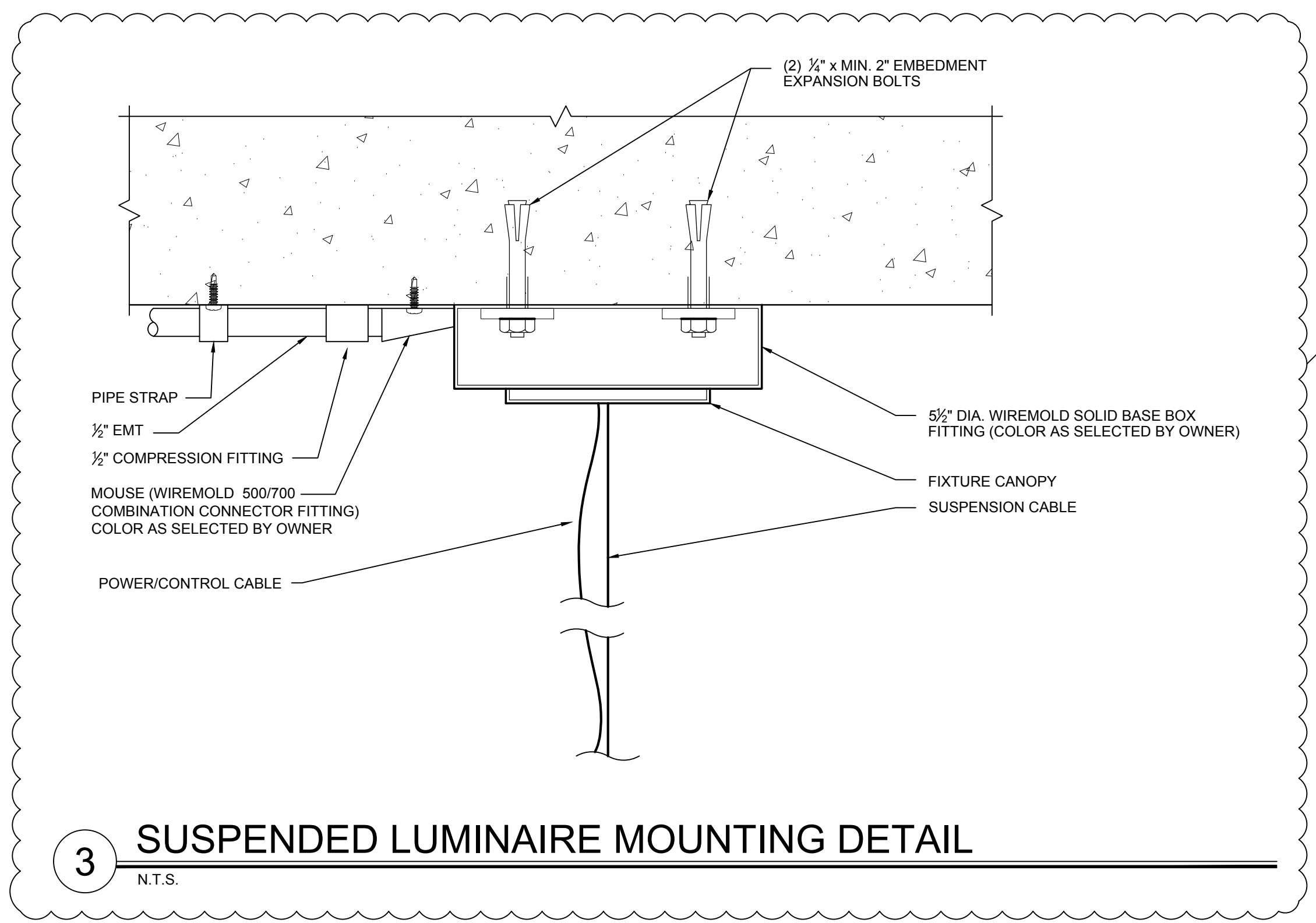
**KEY PLAN**  
N.T.S.

BID SUBMISSION



1 Proposed Lighting Plan Second Floor - Auditorium Wing

1/8" = 1'-0"

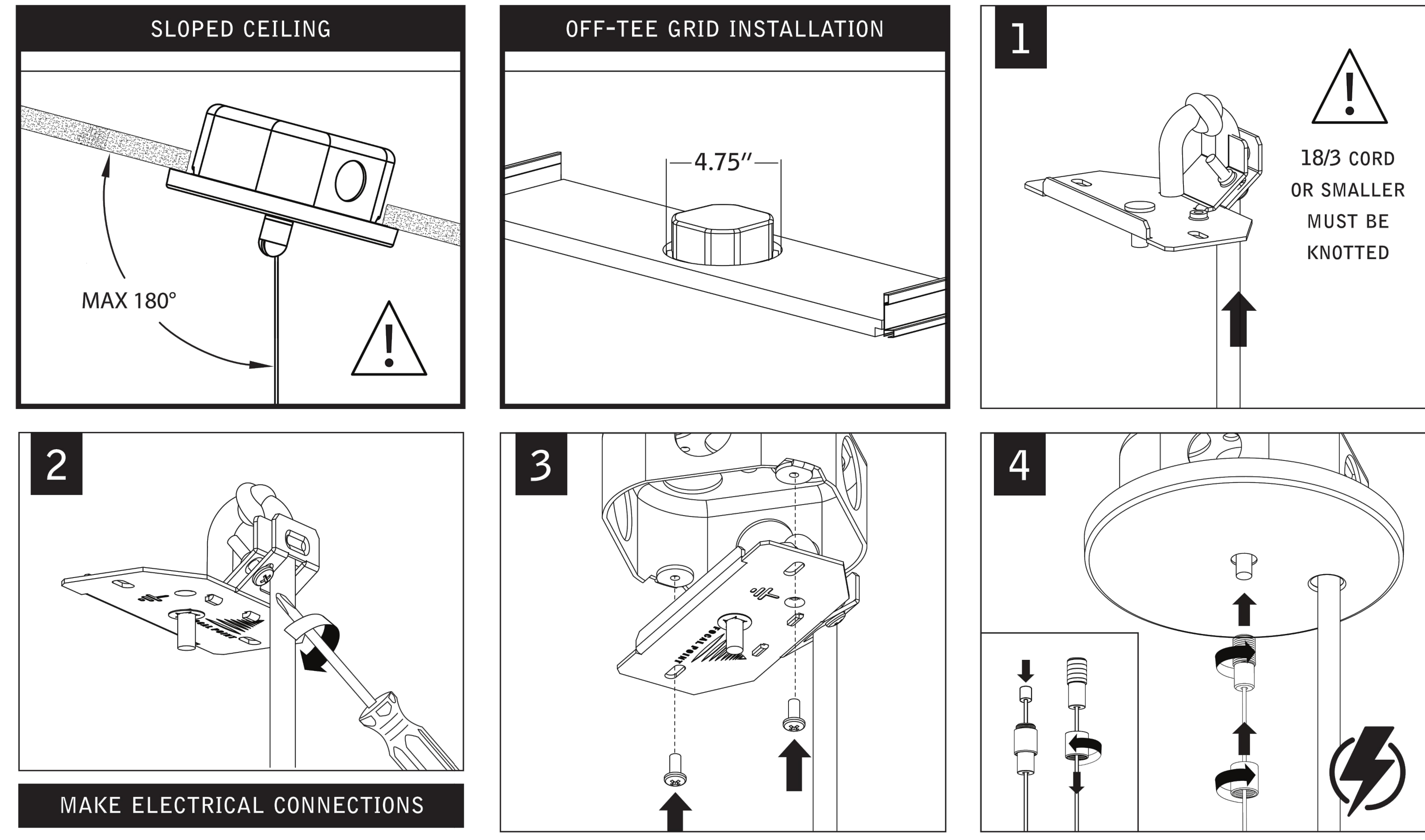


3 SUSPENDED LUMINAIRE MOUNTING DETAIL

N.T.S.

5.25" CANOPY & OCTAGONAL JUNCTION BOX (USE WHEN SUSPENDING DIRECTLY FROM JUNCTION BOX)

⚠️ NON-FEED LOCATIONS FOLLOW STEPS 1, 3 & 4.



MAKE ELECTRICAL CONNECTIONS

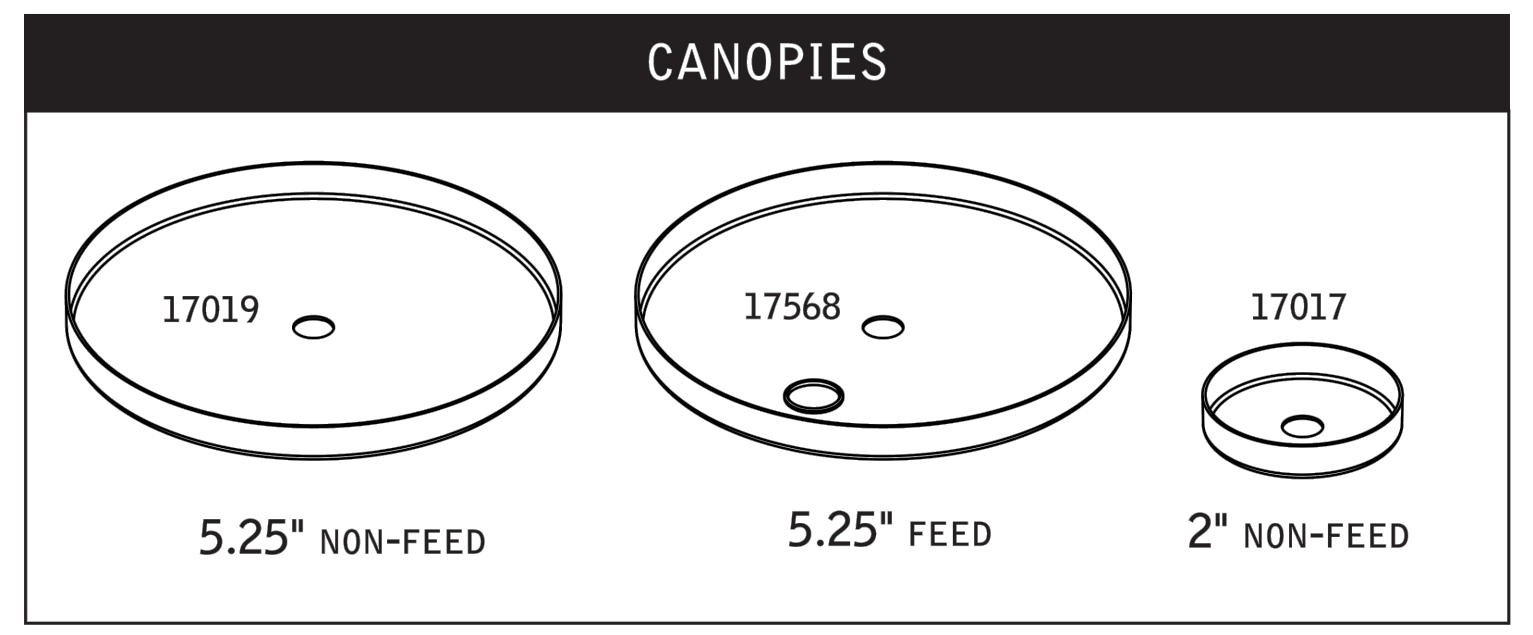
- SUSPENDED LIGHTING MOUNTING DETAIL NOTES:**
1. STOP SLEEVE ON AIRCRAFT CABLE MUST ALWAYS BE IN A FREE STATE. LOCKING OR CLAMPING OF THE STOP-SLEEVE WILL VOID FOCAL POINT WARRANTY CLAIMS.
  2. CANOPY ASSEMBLY DESIGNED FOR UP TO 18/3 CABLE. 18/3 CABLE OR SMALLER MUST BE TIED IN KNOT, WHERE NOTED IN THE FOLLOWING INSTRUCTIONS, FOR STRAIN RELIEF.
  3. DETAILS ARE TAKEN FROM THE SPECIFIED MANUFACTURER'S. SUBSTITUTE MANUFACTURER MAY VARY. CONTRACTOR SHALL USE INSTALLATION SPECIFICATIONS FROM THE LUMINARIES MANUFACTURER THAT IS PURCHASED.
  4. ALL EXPOSED CONTROL WIRE SHALL BE SAME COLOR AS EXPOSED FEED WIRE.

**SCOPE OF WORK:**

THE INTENT IS FOR A CLEAN & AESTHETICALLY APPEALING INSTALLATION. THERE IS EXISTING CONDUIT AND JUNCTION BOXES THAT MAY BE RE-USED FOR THE NEW LIGHTING & CONTROL WIRING WHERE APPLICABLE. ALL WIRING MADE OBSOLETE BY THIS CONTRACT MUST BE REMOVED BACK TO SOURCE. IF THE EXISTING CONDUIT AND BOXES ARE UTILIZED AND THE POWER FEED DOES NOT ALIGN, PROVIDE SURFACE WIREMOLD POWER FEED TO THE REQUIRED NEW CANOPY JUNCTION BOX. PROVIDE COVER PLATE ON ALL JUNCTION BOXES THAT ARE MADE OBSOLETE BY THIS CONTRACT. COVER PLATES COLOR SHALL BE AS SELECTED BY OWNER'S REPRESENTATIVE.

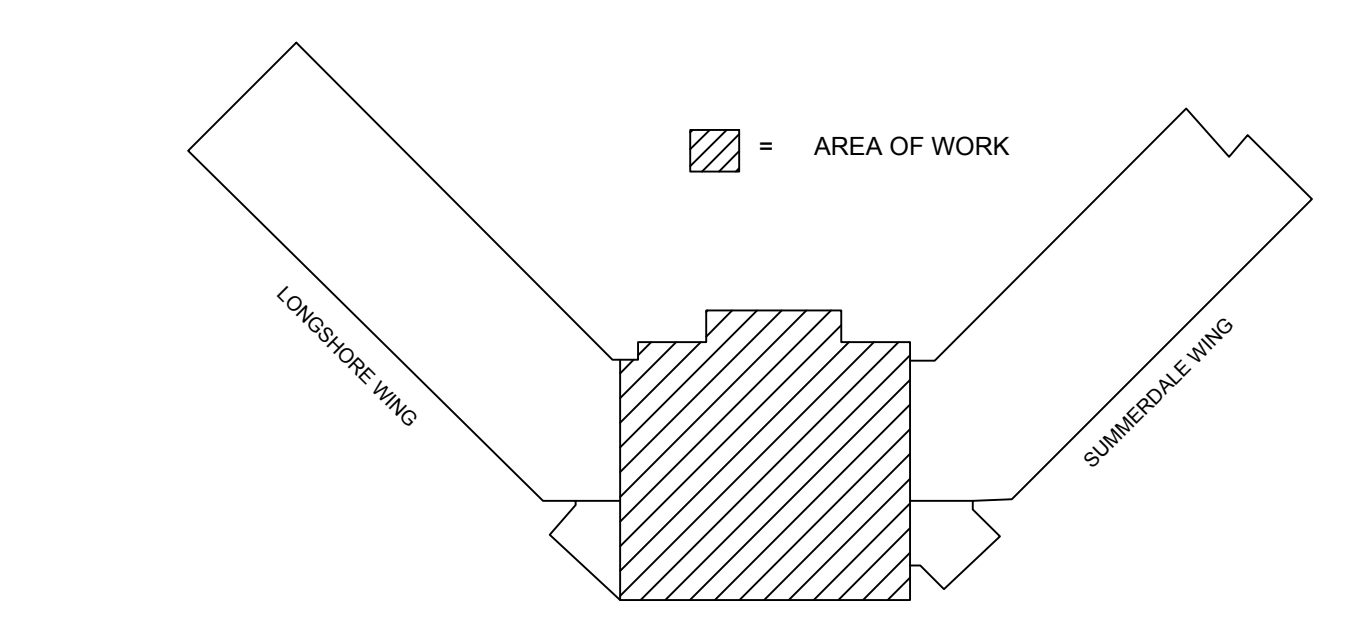
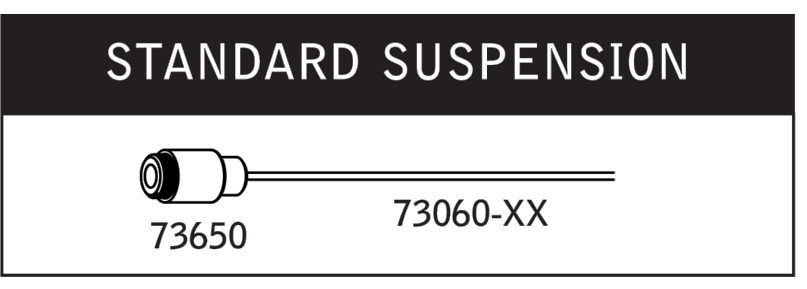
- NOTES:**
1. ALL EMERGENCY CIRCUITS SHOWN ARE FOR CLARITY ONLY. CONNECT TO EXISTING SPARE CIRCUITS IN EXISTING PANEL. FEM, EMERGENCY LIGHTS SHALL BE CONSTANT ON AS A NIGHT LIGHT CIRCUIT.
  2. ALL WIRING SHALL BE INSTALLED IN MIN 3/4" SURFACE MOUNTED EMT CONDUIT. COORDINATE WITH GC TO HAVE CONDUIT PAINTED TO MATCH WALLS THAT ARE TO BE PAINTED UNDER THIS CONTRACT.
  3. CONTRACTOR MAY USE MC CABLE IN ROOMS WITH HUNG CEILINGS.
  4. FOR TYPICAL CLASSROOM LIGHTING DIMENSIONS SEE DETAIL E ON DRAWING E5.02.
  5. CONTRACTOR TO INSTALL NEW PENDANT LIGHT FIXTURES PER MANUFACTURER'S UNIVERSAL SUSPENSION DETAILS. SEE DRAWING E5.04 FOR DETAILS.

- KEY NOTE:**
- ◊ SEE TYPICAL CLASSROOM LIGHTING CONTROLS LAYOUT ON DWG E5.02 - DETAIL CF. SEE WIRING DIAGRAMS ON DWG E5.02 - DETAILS B/G/H.
  - ◊ SEE TYPICAL OFFICE LIGHTING CONTROLS LAYOUT ON DWG E5.02 - DETAIL D. SEE WIRING DIAGRAMS ON DWG E5.02 - DETAILS B/G/H.
  - ◊ ALL CORRIDOR AND LOBBY NORMAL POWER LIGHTING SHALL BE CONTROLLED VIA NEW TIME CLOCK & EXISTING LOCAL SWITCHES.



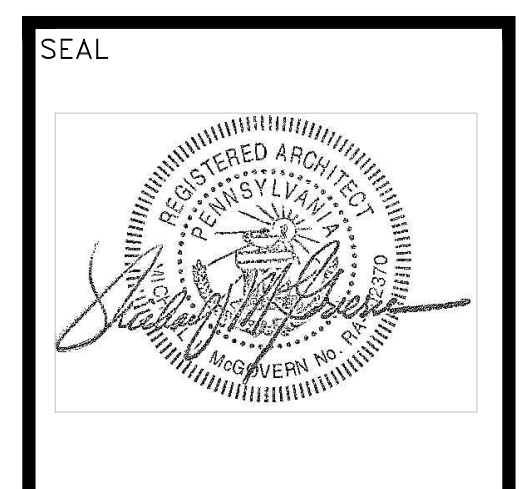
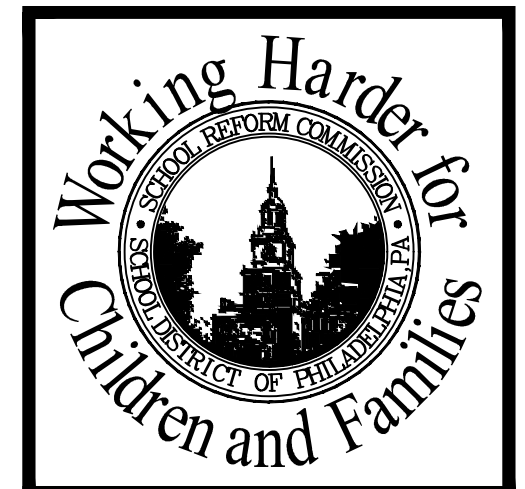
2 SUSPENDED LIGHTING MOUNTING DETAIL

N.T.S.



KEY PLAN

N.T.S.



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 PROJECT TITLE  
**MAJOR RENOVATION PHASE 2B**  
 DRAWING TITLE  
**ELECTRICAL LIGHTING PLAN-2ND FLOOR**  
 APPROVED BY

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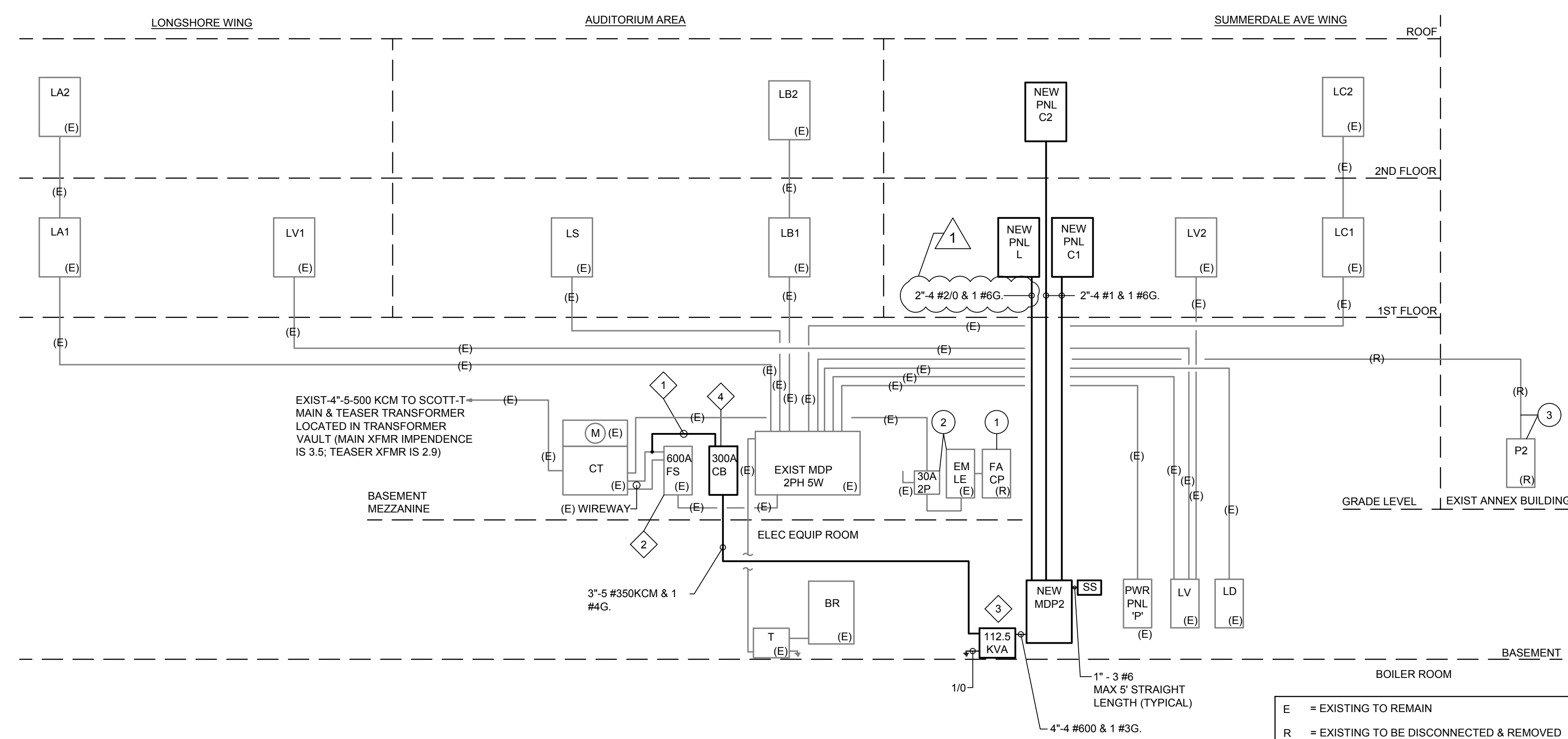
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 SCALE LOCATION NO.  
 AS NOTED 4000  
 DRAWN BY TYPE NO.  
 JF EB  
 CHECKED BY FILE NO.  
 JC 2022102-E501

DRAWING NO.  
**E5.04**  
 J. HAMPTON MOORE SCHOOL  
 SHEET 29 OF -

BID SUBMISSION

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F



1 RISER DIAGRAM  
N.T.S.

- GENERAL NOTE:**
- ALL WORK MUST BE COORDINATED WITH PECO & OWNER'S REPRESENTATIVE 2 WEEKS PRIOR TO COMMENCEMENT OF SCHEDULED & APPROVED SERVICE SHUT DOWN.
  - CONTRACTOR SHALL TEST & CONFIRM EXISTING GROUNDING & BONDING & CORRECT ANY ITEMS THAT DO NOT PASS OR MEET NEC ARTICLE 250.24.
  - NEUTRAL - TO - CASE CONNECTION IS REQUIRED IN EACH DISCONNECT.
  - THE NEUTRAL CONDUCTOR MUST BE INSTALLED & CONNECTED TO EACH SERVICE DISCONNECT VIA A MAIN BONDING JUMPER.
  - EXISTING INFORMATION HAS BEEN TAKEN FROM EXISTING 1950 BOLTON, MARTIN & WHITE AIA PLANS & SURVEY DATA.

- DEMOLITION NOTES:**
- DISCONNECT & REMOVE EXISTING FIRE ALARM CONTROL PANEL & RESPECTIVE WIRING. COORDINATE REMOVAL AFTER NEW FIRE ALARM SYSTEM IS INSTALLED, CERTIFIED & APPROVED. FIRE WATCH MUST BE PROVIDED IF OLD FIRE ALARM SYSTEM IS REMOVED OR DISABLED PRIOR TO INSTALLATION, CERTIFICATION & APPROVAL OF NEW FIRE ALARM SYSTEM.
  - GENERATOR, TRANSFER SWITCH AND EMERGENCY PANEL WILL BE REPLACED UNDER A SEPARATE CONTRACT.
  - DISCONNECT & REMOVE EXISTING PANEL & RESPECTIVE FEEDERS BACK TO SOURCE. COORDINATE WORK WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK.

- KEY NOTE:**
- CONTACT PECO TO SHUT OFF ELECTRIC SERVICE AT THE POLE PRIOR TO COMMENCEMENT OF SERVICE WORK. TAP EXISTING FEEDER IN EXISTING WIREWAY. PROVIDE 3"-5 #35KCM & 1 #4 GND TO SERVICE ENTRANCE RATED CIRCUIT BREAKER.
  - REMOVE EXISTING 600A FUSES & PROVIDE 400A FUSES. PROVIDE ANY ADDITIONAL REQUIRED HARDWARE.
  - PROVIDE A 2 PHASE 5 WIRE PRIMARY TO 208/120V 3 PHASE 4 WIRE SECONDARY 112.5 KVA CUSTOM TRANSFORMER AS MANUFACTURED BY HAMONED TRANSFORMER CO. OR MGM TRANSFORMER CO. OR APPROVED EQUAL.
  - PROVIDE A SERVICE ENTRANCE RATED 2 PHASE, 5 WIRE 300A CIRCUIT BREAKER AS MANUFACTURED BY PENN PANEL CO.

E = EXISTING TO REMAIN  
R = EXISTING TO BE DISCONNECTED & REMOVED

LOCATED IN BOILER ROOM

PANEL NAME: MDP2		TOP/BOTTOM: -		PHASE: 3PH - 4W		COPPER BUS FULLY RATED NEUTRAL BAR & FULL EQUIPMENT GROUND							
VOLTAGE: 120/208V		PANEL BOARD AND BREAKER		MAIN C.B.: 400A-3P									
MAIN RATING: 400A		KAIC RATING: 10		MOUNTING: SURFACE									
CK T NO	LOAD DESCRIPTION	WATTS			BRKR AMPS	# OF POLE S	# OF POLE S	BRKR AMPS	WATTS			LOAD DESCRIPTION	CK T NO
1	PANEL C1 (1ST FLOOR)	5760	4320	4320	125	3	3	125	4320	4320	3060	PANEL C2 (2ND FLOOR)	2
3													4
5													6
7	PANEL L (LTG PNL)	12100	11402	10500	175	3							8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
TOTALS		17,860	15,722	14,820				4,320	4,320	4,320	3,060		TOTALS
PHASE TOTALS WATTS		A: 22,180			B: 20,042			C: 17,900					
TOTAL CONNECTED KW		60.1											
TOTAL CONNECTED AMPS		167.0											

\* SEE LOAD CALCULATION BELOW

**ADDITIONAL LOAD CALCULATION:**

RECEPTACLES - 26.1 KW

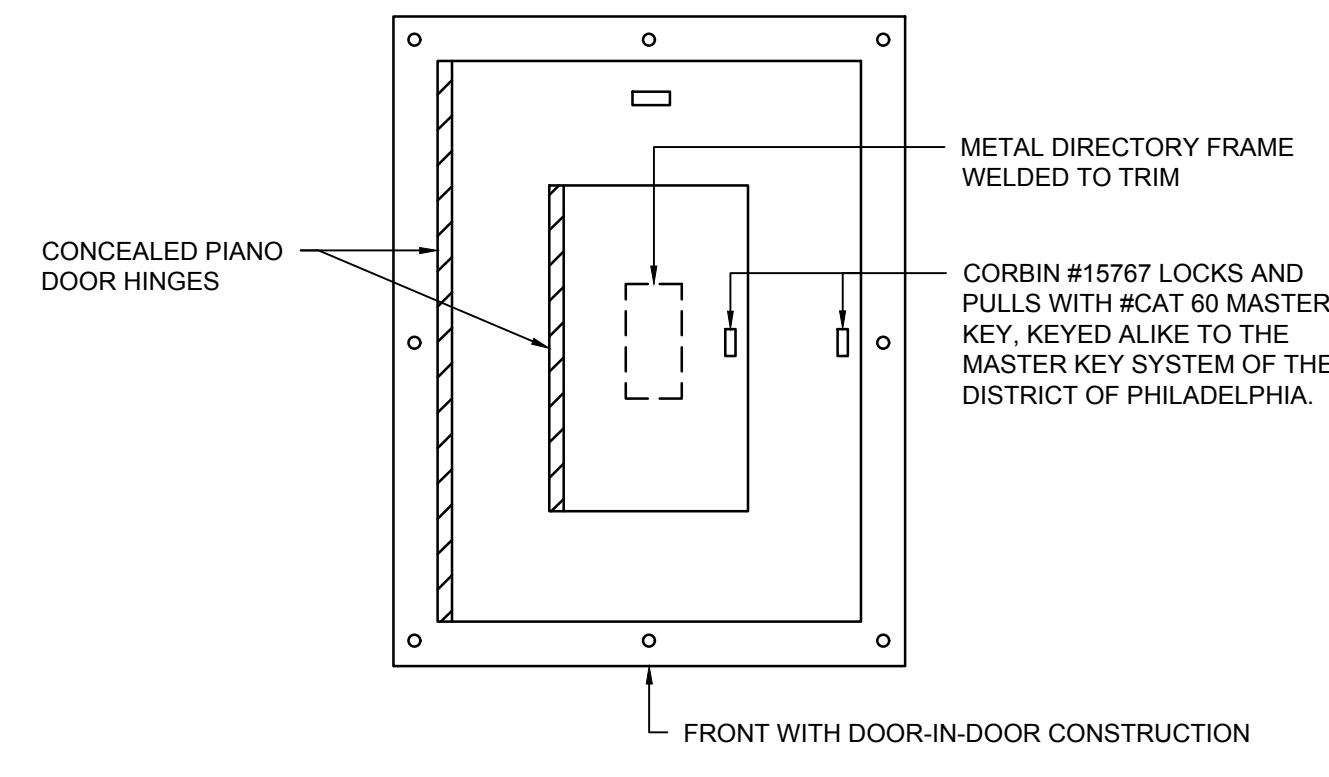
10 KW @ 100% = 10.0 KW  
16.1 KW @ 50% = +9.05 KW

TOTAL RECEPT. = 18.05 KW

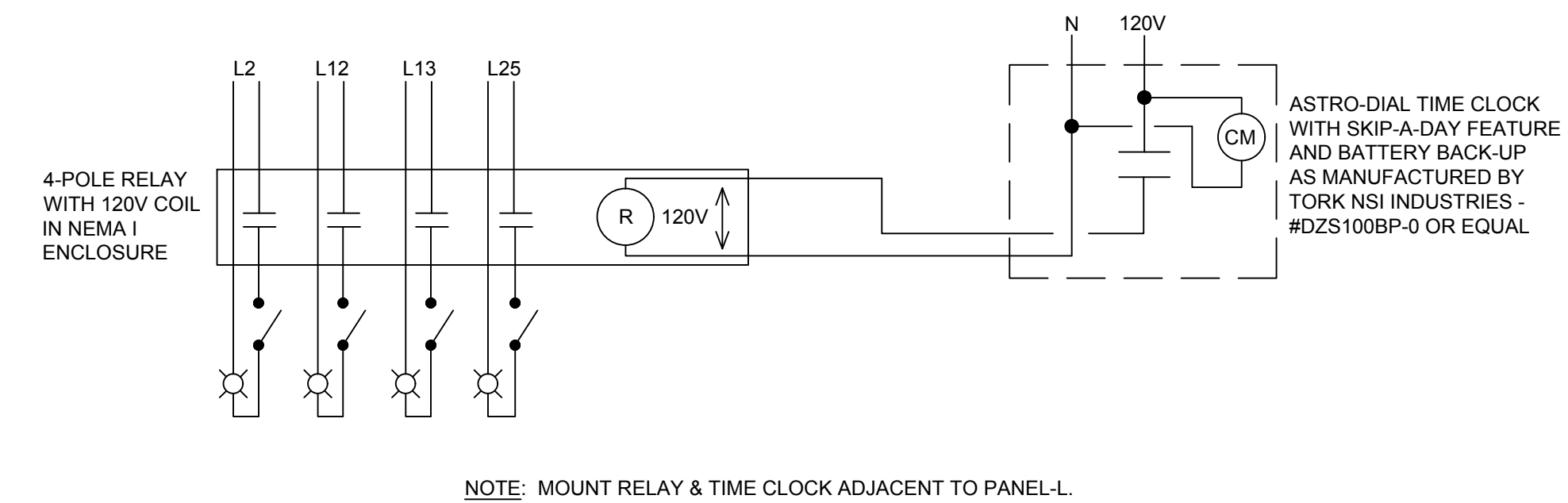
LIGHTING @ 100% = +34.0 KW

TOTAL = 52.05 KW

@ 120/208V = 144.5 AMPS



A PANELBOARD FRONT STANDARD DETAIL  
N.T.S.



B TIME CLOCK WIRING DIAGRAM  
N.T.S.

LOCATED IN 2ND FLOOR CLOSET

PANEL NAME: PNL C2		TOP/BOTTOM: -		PHASE: 3PH - 4W		COPPER BUS FULLY RATED NEUTRAL BAR & FULL EQUIPMENT GROUND							
VOLTAGE: 120/208V		PANEL BOARD AND BREAKER		MAIN C.B.: MLO									
MAIN RATING: 125A		KAIC RATING: 10		MOUNTING: SURFACE									
CK T NO	LOAD DESCRIPTION	WATTS			BRKR AMPS	# OF POLE S	# OF POLE S	BRKR AMPS	WATTS			LOAD DESCRIPTION	CK T NO
1	CR 205A, B, 202, 203 RECEPT	1440			20	1	1	20				SPACE	2
3	CR 215 / 216 TEACHER & IPB		1440		20	1	1	20				SPACE	4
5	CR 216, 217, 218 RECEPT.			1440	20	1	1	20				SPACE	6
7	CR 201 / 218 TEACHER & IPB	1440			20	1	1	20	1440			CR 207, 209, 210A, B RECEPT	8
9	CR 207 / 207A TEACHER & IPB	1440			20	1	1	20	1440			CR 211, 212, 213 RECEPT	10
11	CR 214 TEACHER & IPB		1440		20	1	1	20		200		ELEC CLOSET GFI	12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
TOTALS		2,880	2,880	2,880				4,320	4,320	1,440	1,440	200	TOTALS
PHASE TOTALS WATTS		A: 4,320			B: 4,320			C: 3,060					
TOTAL CONNECTED KW		11.7											
TOTAL CONNECTED AMPS		32.6											

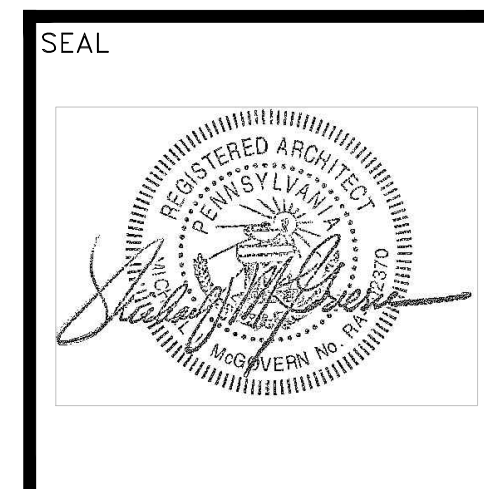
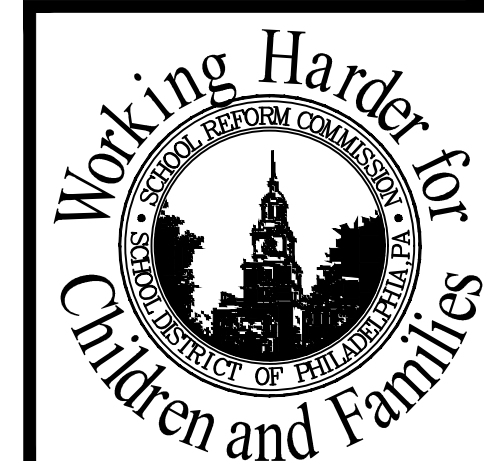
LOCATED IN 1ST FLOOR CLOSET

PANEL NAME: PNL C1		TOP/BOTTOM: -		PHASE: 3PH - 4W		COPPER BUS FULLY RATED NEUTRAL BAR & FULL EQUIPMENT GROUND							
VOLTAGE: 120/208V		PANEL BOARD AND BREAKER		MAIN C.B.: MLO									
MAIN RATING: 125A		KAIC RATING: 10		MOUNTING: SURFACE									
CK T NO	LOAD DESCRIPTION	WATTS			BRKR AMPS	# OF POLE S	# OF POLE S	BRKR AMPS	WATTS			LOAD DESCRIPTION	CK T NO
1	CR 104 / 105 TEACHER & IPB	1440			20	1	1	20				SPACE	2
3	CR 102 / 103A TEACHER & IPB		1440		20	1	1	20				SPACE	4
5	CR 106 / 107 TEACHER & IPB			1440	20	1	1	20				SPACE	6
7	CR 107 / 108 TEACHER & IPB	1440			20	1	1	20	1440			CR 112 / 113 TEACHER & IPB	8
9	CR 109 / 110 TEACHER & IPB		1440		20	1	1	20		1440		CR 113 / 114 TEACHER & IPB	10
11	FAACP IN BDG ENG. OFFICE			1440	20	1	1	20			1440	CR 101 / 115 TEACHER & IPB	12
13	ELEC. CLOSET GFI	200			20	1	-	-					14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
TOTALS		3,000	2,880	2,880				4,320	4,320	1,440	1,440		TOTALS
PHASE TOTALS WATTS		A: 4,320			B: 4,320			C: 4,320					
TOTAL CONNECTED KW		13.2											
TOTAL CONNECTED AMPS		36.6											

LOCATED IN 1ST FLOOR CLOSET

PANEL NAME: PNL L		TOP/BOTTOM: -		PHASE: 3PH-4W		COPPER BUS FULLY RATED NEUTRAL BAR & FULL EQUIPMENT GROUND							
VOLTAGE: 120/208V		PANEL BOARD AND BREAKER		MAIN C.B.: MLO									
MAIN RATING: 225A		KAIC RATING: 10		MOUNTING: RECESSED									
CK T NO	LOAD DESCRIPTION	WATTS			BRKR AMPS	# OF POLE S	# OF POLE S	BRKR AMPS	WATTS			LOAD DESCRIPTION	CK T NO
1	SPACE				20	1	1	20	1700			1ST FL CORR NORTH LTG	2
3	SPACE				20	1	1	20	1400			MAIN OFFICE(S) LTG	4
5	SPACE				20	1	1	20	1700		1700	CR 108 & 107 LTG	6
7	CR 112 & 113 LTG				20	1	1	20	1500			CR 108 & 106 LTG	8
9	CR 114, 115 & 103A LTG	1700		1802	20	1	1	20		1100		CR 110 & OFFICE LTG	10
11	CR 103A, 104 & 105 LTG				20	1	1	20	1700			2ND FL CORR NORTH LTG	12
13	2ND FL CORR SOUTH LTG	1300			20	1	1	20	1700		1700	CR 209, 210A & 210B LTG	14
15	CR 201 & 202 LTG		1700		20	1	1	20		1700		CR 208 & 211 LTG	16
17	CR 203 & 218 LTG			1700	20	1	1	20		1700		CR 212 & 213 LTG	18
19	CR 204 & 217 LTG	1700			20	1	1	20	1100			CR 207 & 207A LTG	20
21	CR 215 & 216 LTG		1700		20	1	1	20		900		LIBRARY LTG	22
23	CR 205A & 205B LTG			900	20	1	-	-					24
25	1ST FL CORR SOUTH LTG	1400			20	1	-	-					26
27	CR 101 LTG		1100		20	1	-	-					28
29	CR 102 LTG			1100	20	1	-	-					30
31													32
33													34
35													36
37													38
39													40
41													42
TOTALS		6,100	6,302	5,400					6,000	5,100	5,100		TOTALS
PHASE TOTALS WATTS		A: 12,100			B: 11,402			C: 10,500					
TOTAL CONNECTED KW		34.6											
TOTAL CONNECTED AMPS		94.5											

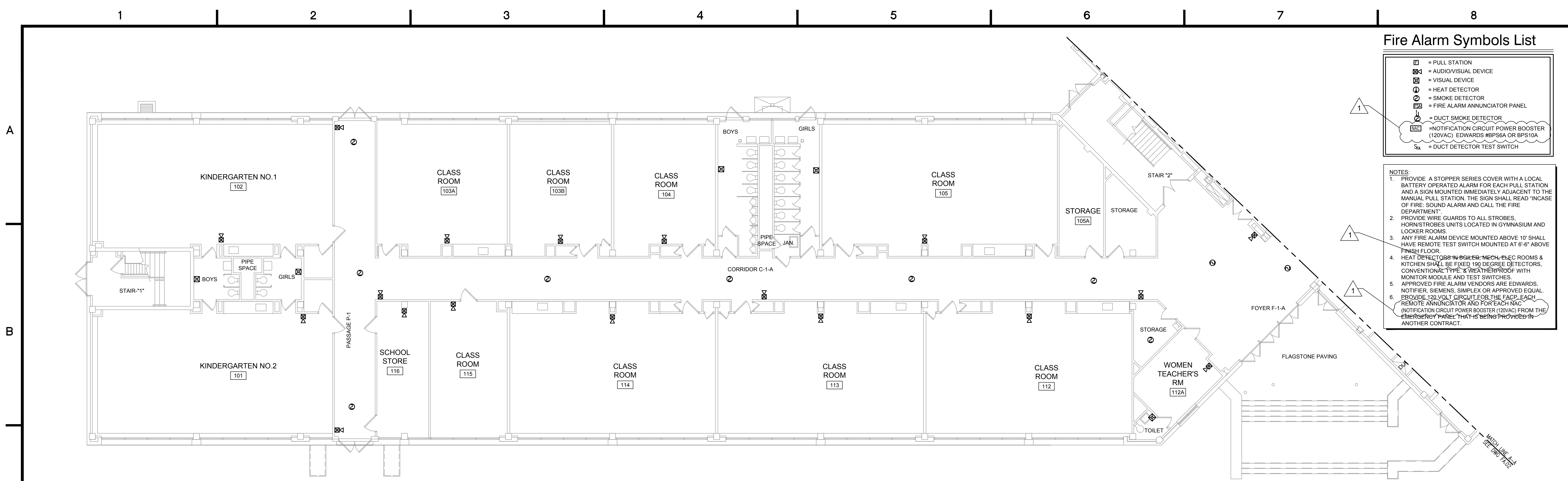
PROVIDE A 4-POLE RELAY & AN ASTRO-DIAL TIME CLOCK WITH SKIP-A-DAY FEATURES AHEAD OF CIRCUITS 2, 12, 13 & 25. TIME CLOCK SHALL HAVE BATTERY BACK-UP.



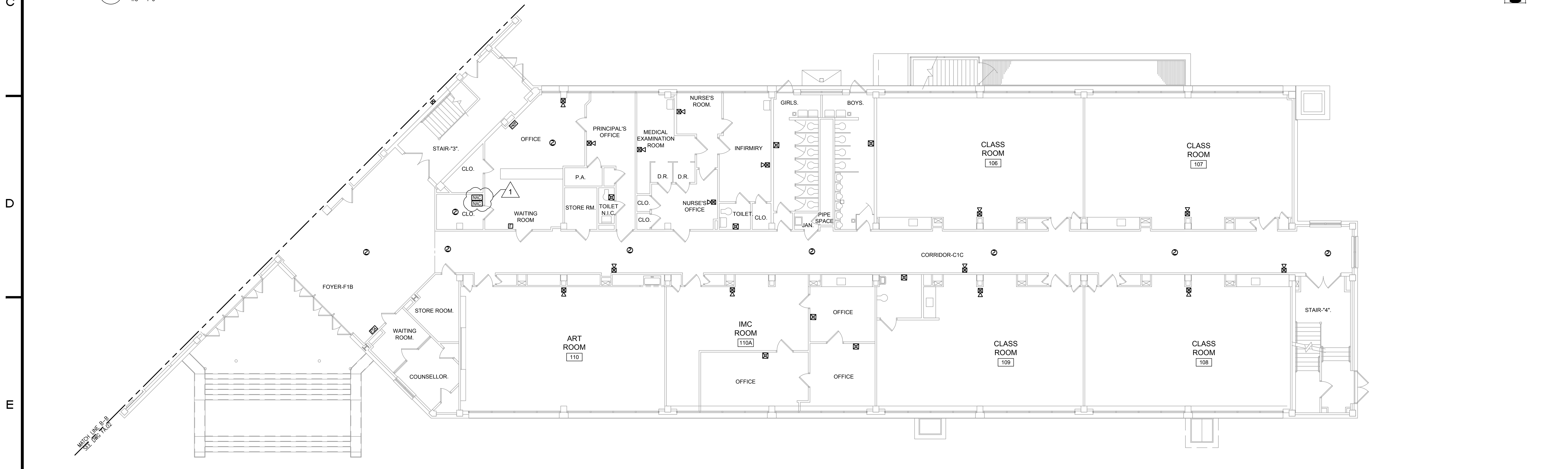
**LAN ASSOCIATES**  
ENGINEERING  
PLANNING  
ARCHITECTURE  
SURVEYING, INC.

445 GODWIN AVE.  
MIDLAND PARK,  
NEW JERSEY 07432

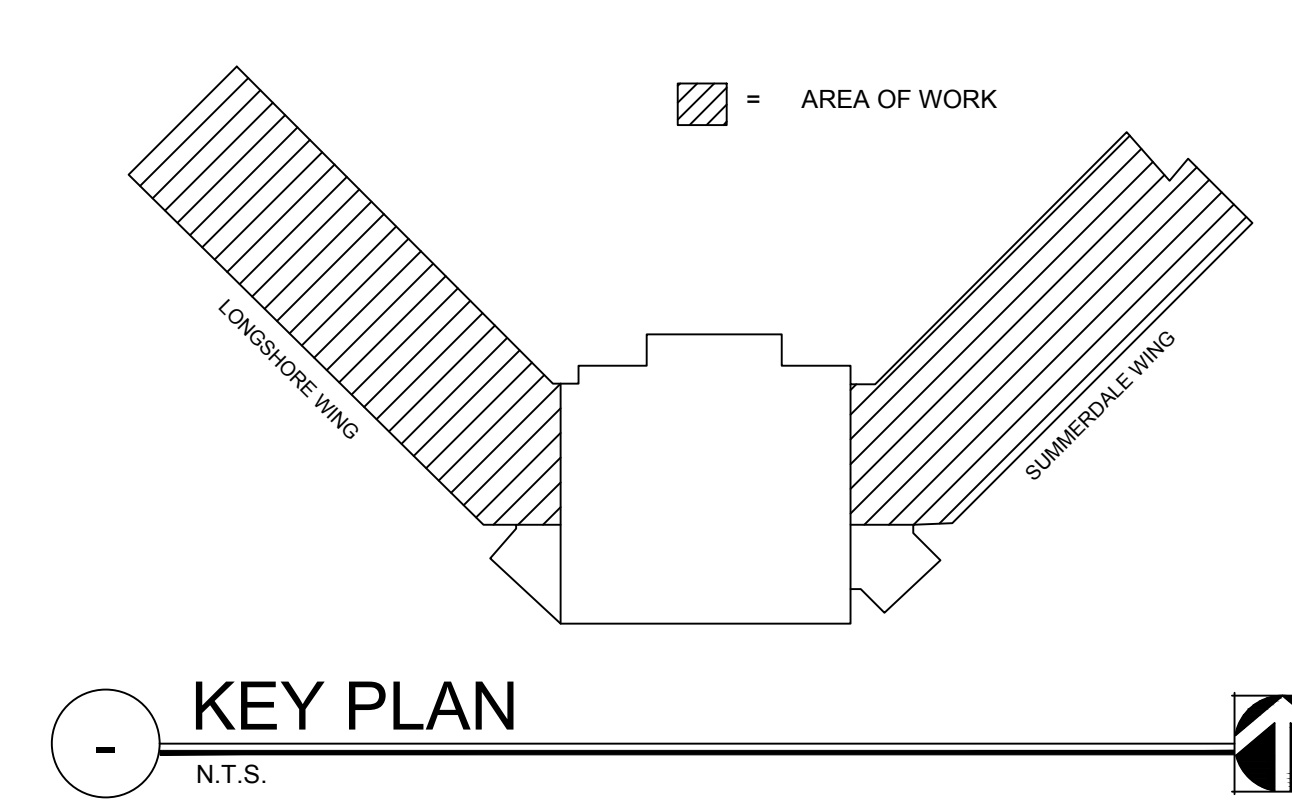
P. 201-447-6400  
F. 201-447-1233  
WWW.LAN-NJ.COM



1 Proposed Fire Alarm Plan First Floor - Longshore Ave Wing  
1/8" = 1'-0"

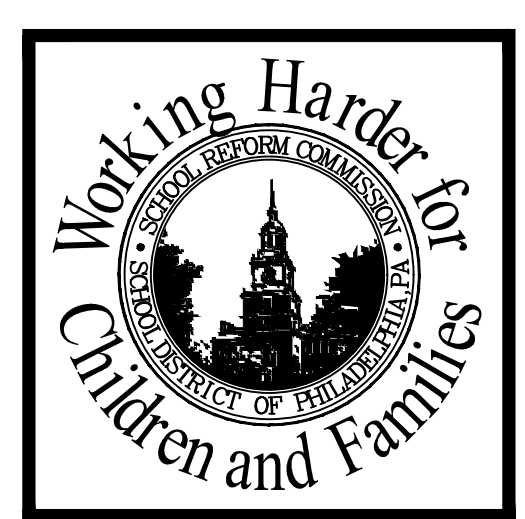


2 Proposed Fire Alarm Plan First Floor - Summerdale Ave Wing  
1/8" = 1'-0"



- ### Fire Alarm Symbols List
- = PULL STATION
  - = AUDIOVISUAL DEVICE
  - = VISUAL DEVICE
  - = HEAT DETECTOR
  - = SMOKE DETECTOR
  - = FIRE ALARM ANNUCIATOR PANEL
  - = DUCT SMOKE DETECTOR
  - = NOTIFICATION CIRCUIT POWER BOOSTER (120VAC) EDWARDS #BPS6A OR BPS10A
  - = DUCT DETECTOR TEST SWITCH

- ### NOTES
1. PROVIDE A STOPPER SERIES COVER WITH A LOCAL BATTERY OPERATED ALARM FOR EACH PULL STATION AND A SIGN MOUNTED IMMEDIATELY ADJACENT TO THE MANUAL PULL STATION. THE SIGN SHALL READ "IN CASE OF FIRE: SOUND ALARM AND CALL THE FIRE DEPARTMENT"
  2. PROVIDE WIRE GUARDS TO ALL STROBES, HORN/STROBES UNITS LOCATED IN GYMNASIUM AND LOCKER ROOMS.
  3. ANY FIRE ALARM DEVICE MOUNTED ABOVE 10' SHALL HAVE REMOTE TEST SWITCH MOUNTED AT 6'-6" ABOVE FINISH FLOOR.
  4. HEAT DETECTORS IN MECHANICAL/ELECTRICAL ROOMS & KITCHEN SHALL BE FIXED 150 DEGREE DETECTORS, CONVENTIONAL TYPE & WEATHERPROOF WITH MONITOR MODULE AND TEST SWITCHES.
  5. APPROVED FIRE ALARM VENDORS ARE EDWARDS, NOTIFIER, SIEMENS, SIMPLEX OR APPROVED EQUAL.
  6. PROVIDE 120 VOLT CIRCUIT FOR THE FACP. EACH REMOTE ANNUNCIATOR AND FOR EACH IAC (NOTIFICATION CIRCUIT POWER BOOSTER (120VAC) FROM THE EMERGENCY PANEL THAT IS BEING PROVIDED IN ANOTHER CONTRACT.



**LAN**  
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NEW JERSEY 07432  
P. 201-447-6400  
F. 201-447-1233  
WWW.LAN-NJ.COM

SCHOOL & LOCATION  
**J. HAMPTON MOORE SCHOOL**  
1100 TYSON AVE, PHILADELPHIA, PA 19111

PROJECT TITLE  
**MAJOR RENOVATION PHASE 2B**

DRAWING TITLE  
**PROPOSED FIRE ALARM PLAN - 1ST FLOOR**

APPROVED BY

SCHOOL DISTRICT OF PHILADELPHIA  
THE SCHOOL REFORM COMMISSION

OFFICE OF CAPITAL PROGRAMS  
PHILADELPHIA, PA 19107-1015  
215.400.4730 FAX 215.400.4731  
WWW.PHILADELPHIA.SCHOOLSDISTRICT.COM

CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE

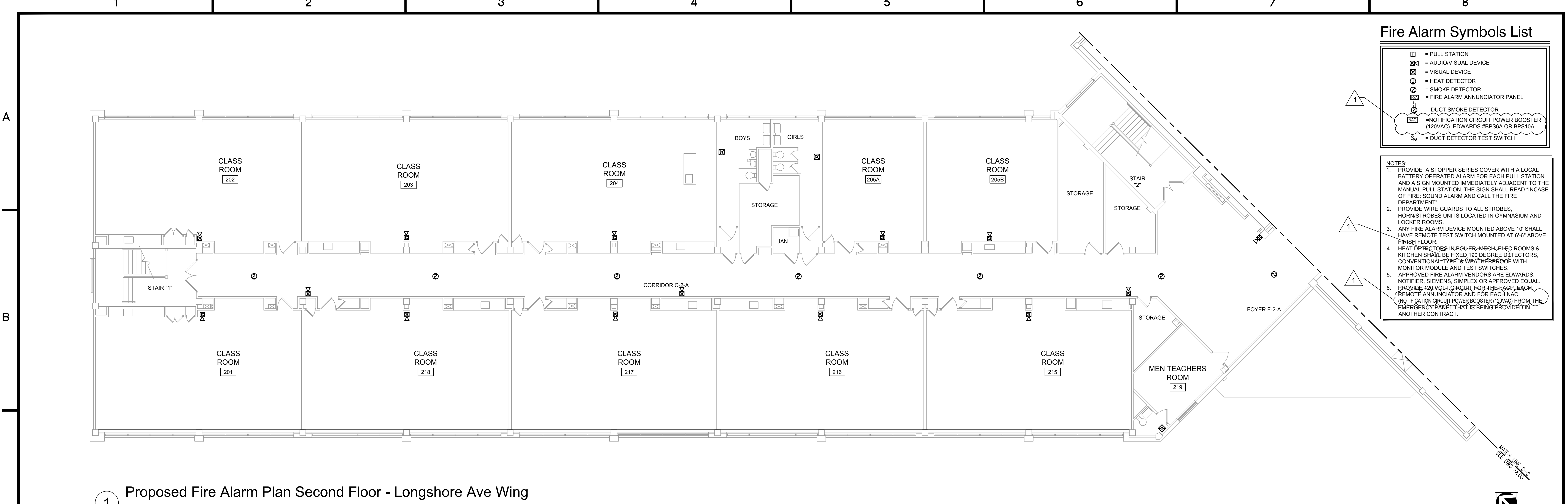
NO.	DATE	REVISION
1	11/7/17	ADDENDUM #1
2		
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SPEC NO.	DATE
07-13-2017	07-13-2017
SCALE	LOCATION NO.
AS NOTED	4000
DRAWN BY	TYPE NO.
JF	ES
CHECKED BY	FILE NO.
JC	2022102-FA01

DRAWING NO.  
**FA.01**  
J. HAMPTON MOORE SCHOOL

BID SUBMISSION



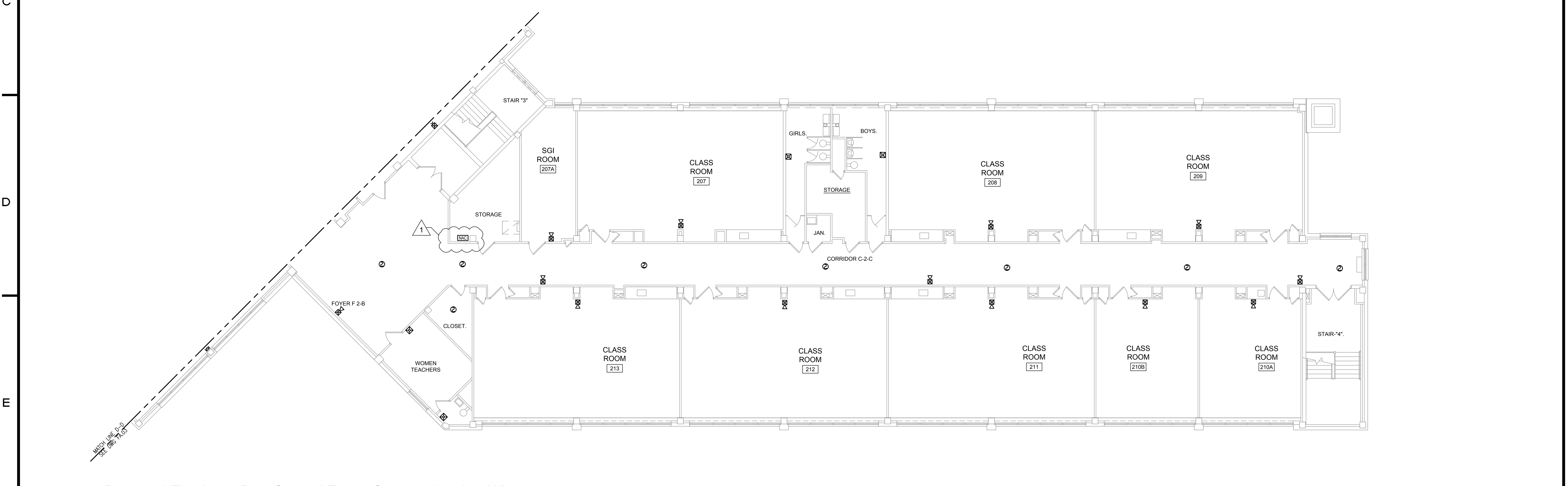


### Fire Alarm Symbols List

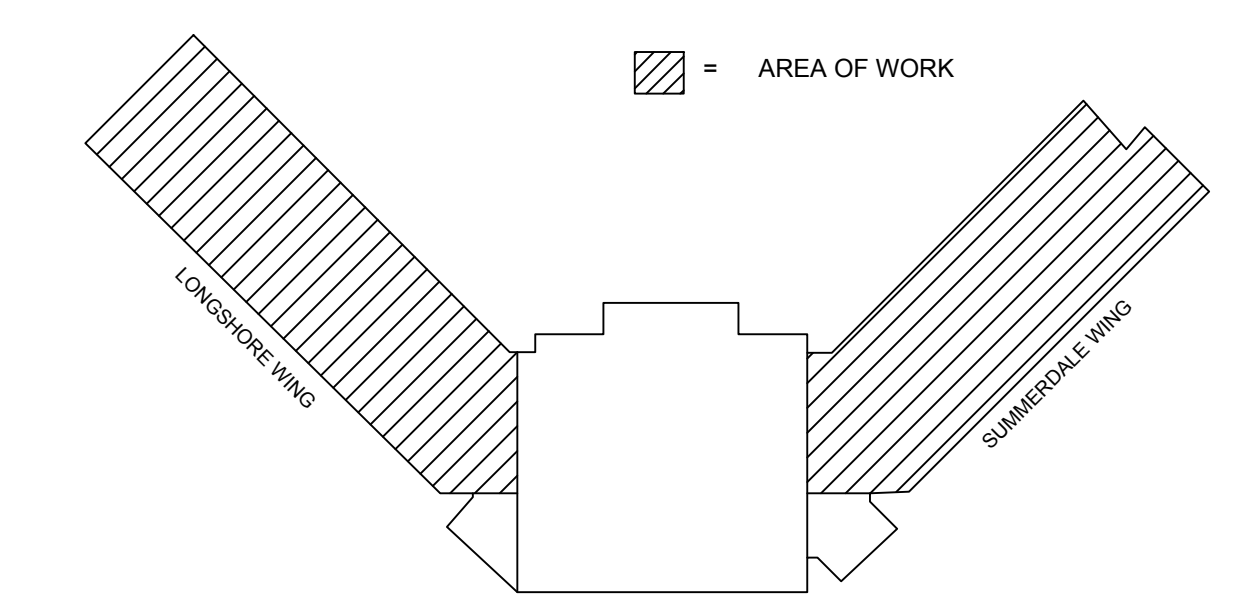
	= PULL STATION
	= AUDIOVISUAL DEVICE
	= VISUAL DEVICE
	= HEAT DETECTOR
	= SMOKE DETECTOR
	= FIRE ALARM ANNUNCIATOR PANEL
	= DUCT SMOKE DETECTOR
	= NOTIFICATION CIRCUIT POWER BOOSTER (120VAC) EDWARDS #BPS6A OR BPS10A
	= DUCT DETECTOR TEST SWITCH

- ### NOTES:
1. PROVIDE A STOPPER SERIES COVER WITH A LOCAL BATTERY OPERATED ALARM FOR EACH PULL STATION AND A SIGN MOUNTED IMMEDIATELY ADJACENT TO THE MANUAL PULL STATION. THE SIGN SHALL READ "IN CASE OF FIRE, SOUND ALARM AND CALL THE FIRE DEPARTMENT".
  2. PROVIDE WIRE GUARDS TO ALL STROBES, HORN/STROBES UNITS LOCATED IN GYMNASIUM AND LOCKER ROOMS.
  3. ANY FIRE ALARM DEVICE MOUNTED ABOVE 10' SHALL HAVE REMOTE TEST SWITCH MOUNTED AT 6'-6" ABOVE FINISH FLOOR.
  4. HEAT DETECTORS IN BOILER, MECH, ELEC ROOMS & KITCHEN SHALL BE FIXED 180 DEGREE DETECTORS. CONVENTIONAL TYPE & WEATHERPROOF WITH MONITOR MODULE AND TEST SWITCHES.
  5. APPROVED FIRE ALARM VENDORS ARE EDWARDS, NOTIFIER, SIEMENS, SIMPLEX OR APPROVED EQUAL.
  6. PROVIDE 200 MVA CIRCUIT FOR THE F-2-A, F-2-A, REMOTE ANNUNCIATOR AND FOR EACH NAC (NOTIFICATION CIRCUIT POWER BOOSTER (120VAC) FROM THE EMERGENCY PANEL THAT IS BEING PROVIDED IN ANOTHER CONTRACT.

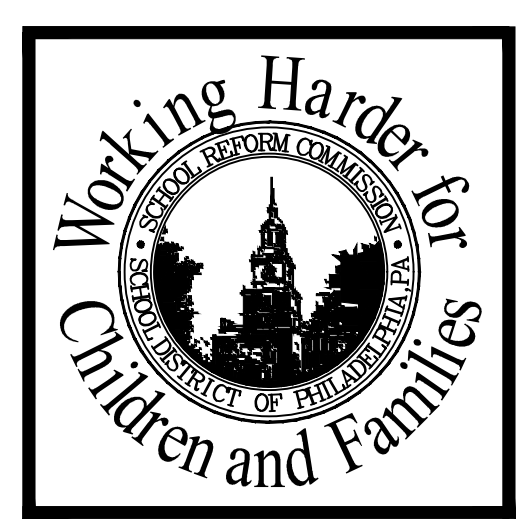
**1** Proposed Fire Alarm Plan Second Floor - Longshore Ave Wing  
1/8" = 1'-0"



**2** Proposed Fire Alarm Plan Second Floor - Summerdale Ave Wing  
1/8" = 1'-0"



KEY PLAN  
N.T.S.



**LAN**  
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SURVEYING, INC.  
445 GODWIN AVE.  
MIDLAND PARK,  
NEW JERSEY 07432  
P. 201-447-6400  
F. 201-447-1233  
WWW.LAN-NJ.COM

SCHOOL LOCATION  
**J. HAMPTON MOORE SCHOOL**  
1100 TYSON AVE, PHILADELPHIA, PA 19111  
PROJECT TITLE  
**MAJOR RENOVATION PHASE 2B**  
DRAWING TITLE  
**PROPOSED FIRE ALARM PLAN - 2ND FLOOR**  
APPROVED BY

SCHOOL DISTRICT OF PHILADELPHIA  
**THE SCHOOL REFORM COMMISSION**  
OFFICE OF CAPITAL PROGRAMS  
PHILADELPHIA, PA 19130-4015  
215.400.4730 FAX 215.400.4731  
WWW.PHILADELPHIA.SDPA.ORG  
CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE

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1	11/7/17	ADDENDUM #1							
	NO. DATE	REVISION							

SPEC NO.	DATE
AS NOTED	07-13-2017
SCALE	LOCATION NO.
AS NOTED	4060
DRAWN BY	TYPE NO.
JF	E5
CHECKED BY	FILE NO.
JC	2022102-FA01

DRAWING NO.  
**FA.03**  
J. HAMPTON MOORE SCHOOL

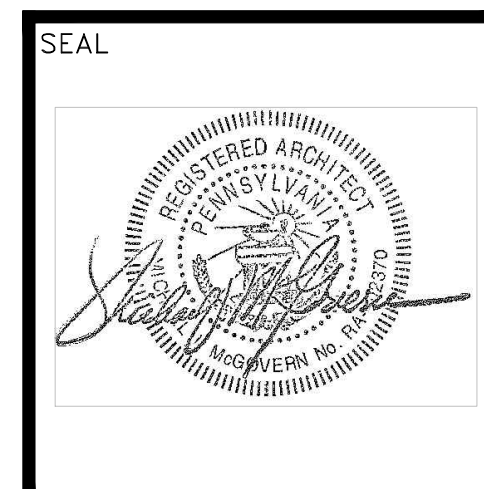
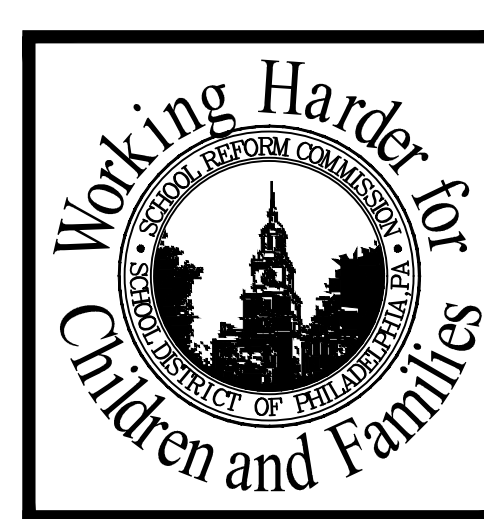
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**Fire Alarm Symbols List**

- ☐ = PULL STATION
- ☒ = AUDIO/VISUAL DEVICE
- ☑ = VISUAL DEVICE
- ⊙ = HEAT DETECTOR
- ⊖ = SMOKE DETECTOR
- ⊕ = FIRE ALARM ANNUNCIATOR PANEL
- ⊖ = DUCT SMOKE DETECTOR
- ⊕ = NOTIFICATION CIRCUIT POWER BOOSTER (120VAC) EDWARDS #BPS6A OR BPS10A
- ⊕ = DUCT DETECTOR TEST SWITCH

- NOTES:**
1. PROVIDE A STOPPER SERIES COVER WITH A LOCAL BATTERY OPERATED ALARM FOR EACH PULL STATION AND A SIGN MOUNTED IMMEDIATELY ADJACENT TO THE MANUAL PULL STATION. THE SIGN SHALL READ "IN CASE OF FIRE: SOUND ALARM AND CALL THE FIRE DEPARTMENT".
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  3. ANY FIRE ALARM DEVICE MOUNTED ABOVE 10' SHALL HAVE REMOTE TEST SWITCH MOUNTED AT 6'-6" ABOVE FINISH FLOOR.
  4. HEAT DETECTORS IN BOILER, MECH. ELEC ROOMS & KITCHEN SHALL BE FIXED 180 DEGREE DETECTORS, CONVENTIONAL TYPE & WEATHER PROOF WITH MONITOR MODULE AND TEST SWITCHES.
  5. APPROVED FIRE ALARM VENDORS ARE EDWARDS, NOTIFIER, SIEMENS, SIMPLEX OR APPROVED EQUAL. PROVIDE 120 VOLT CIRCUIT FOR THE FACP. EACH REMOTE ANNUNCIATOR AND FOR EACH NAC (NOTIFICATION CIRCUIT POWER BOOSTER (120VAC)) FROM THE EMERGENCY PANEL THAT IS BEING PROVIDED IN ANOTHER CONTRACT.
  6. PROVIDE 120 VOLT CIRCUIT FOR THE FACP. EACH REMOTE ANNUNCIATOR AND FOR EACH NAC (NOTIFICATION CIRCUIT POWER BOOSTER (120VAC)) FROM THE EMERGENCY PANEL THAT IS BEING PROVIDED IN ANOTHER CONTRACT.



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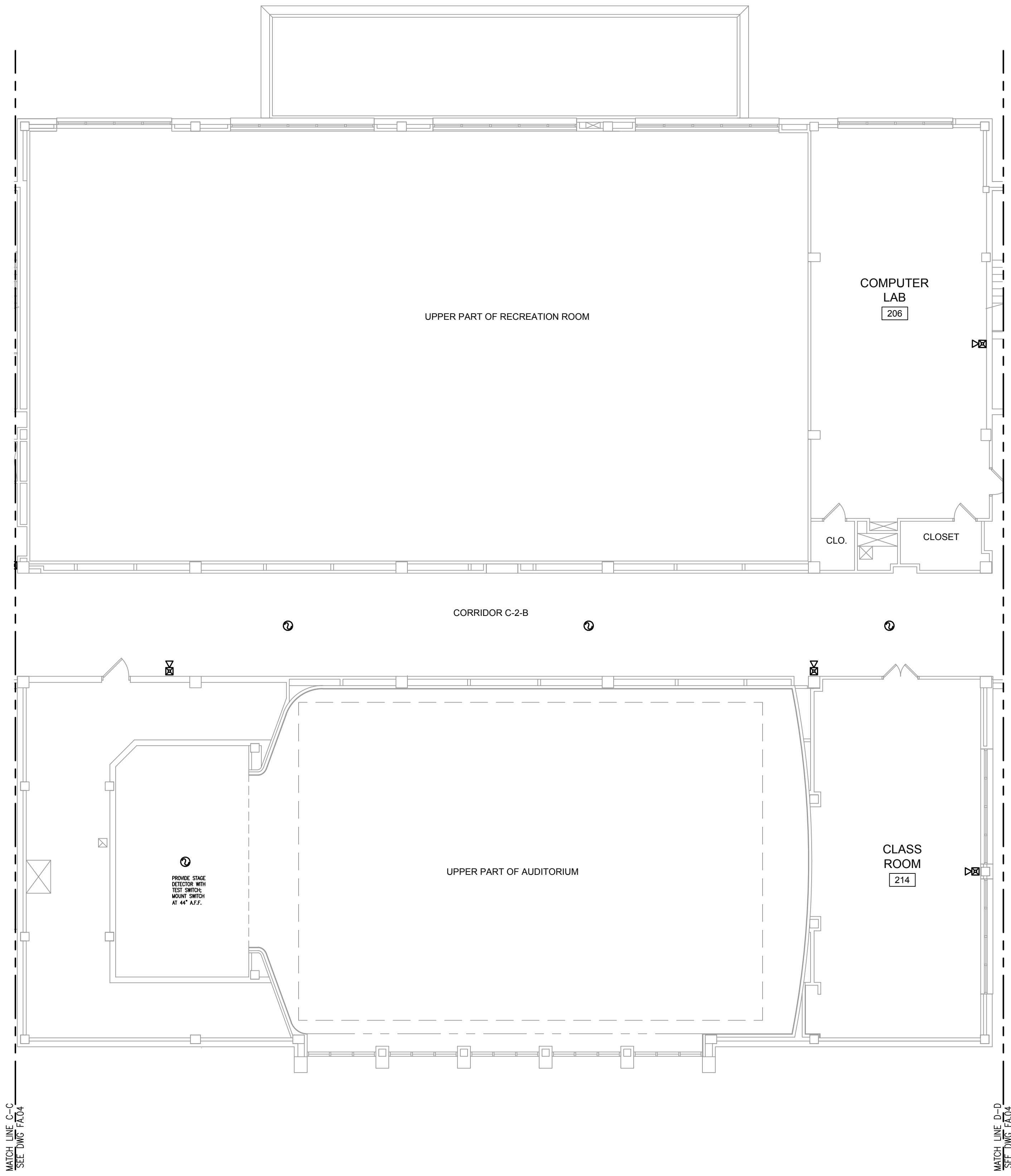
SCHOOL LOCATION  
**J. HAMPTON MOORE SCHOOL**  
100 TYSON AVE, PHILADELPHIA, PA 19111  
PROJECT TITLE  
**MAJOR RENOVATION PHASE 2B**  
DRAWING TITLE  
**PROPOSED FIRE ALARM PLAN - 2ND FLOOR**  
APPROVED BY

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THE SCHOOL REFORM COMMISSION  
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215.400.4730 FAX 215.400.4731  
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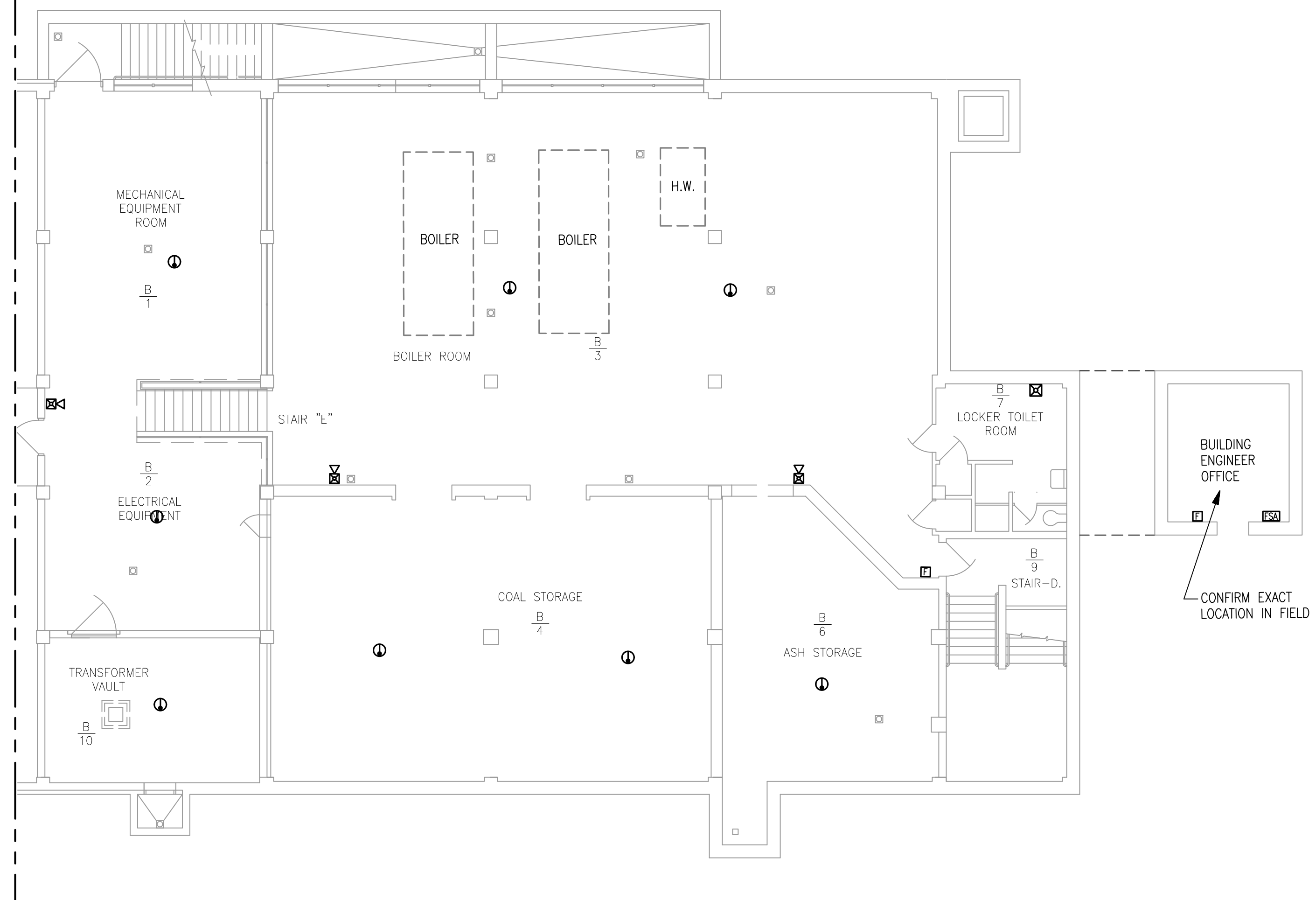
NO.	DATE	REVISION
1	11/7/17	ADDENDUM #1
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SPEC. NO.	DATE
AS NOTED	07-13-2017
DRAWN BY	TYPE NO.
JE	ES
CHECKED BY	FILE NO.
JC	2022102-FA01

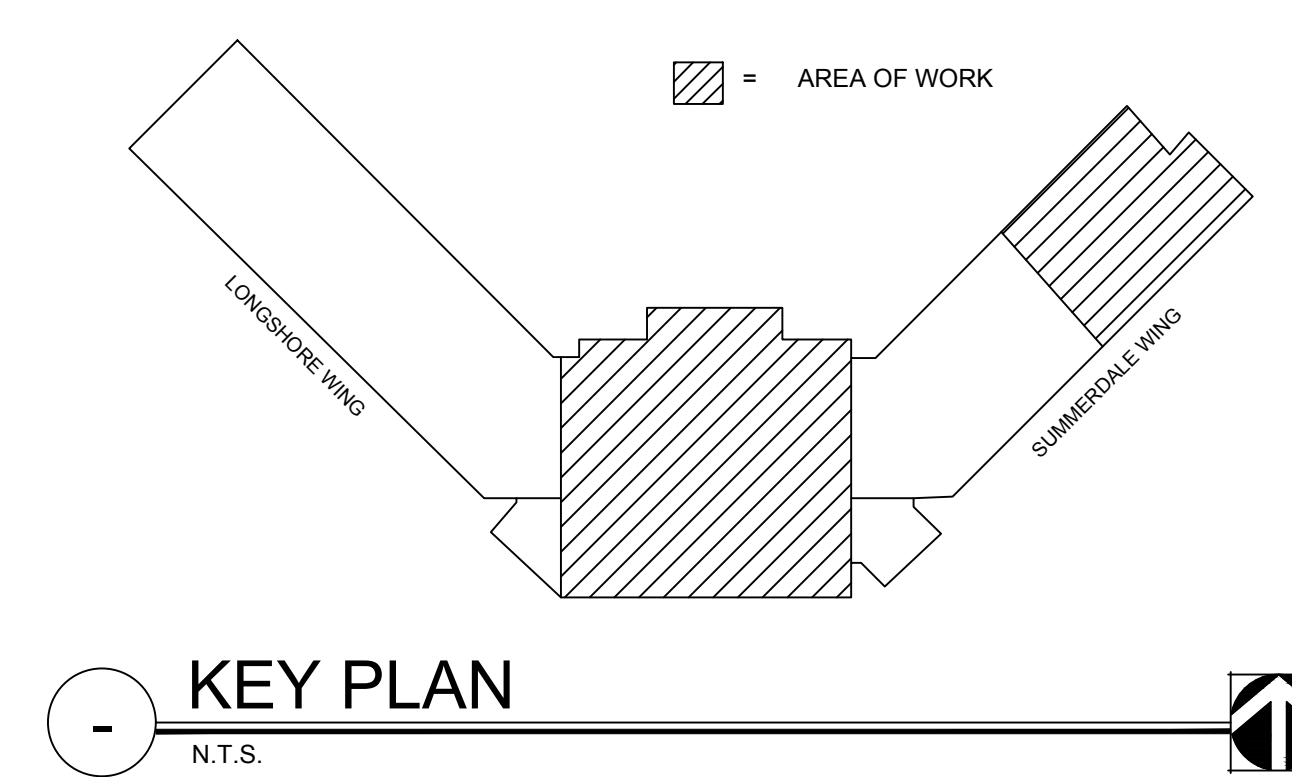
DRAWING NO.  
**FA.04**  
J. HAMPTON MOORE SCHOOL



**1** Proposed Fire Alarm Plan Second Floor - Auditorium Wing  
1/8" = 1'-0"



**2** Proposed Fire Alarm Plan Basement - Summerdale Ave Wing  
1/8" = 1'-0"



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