

LIGHTING FIXTURE SCHEDULE										
TAG	SYMBOL	MANUFACTURER & MODEL	TYPE	VOLTAGE	# OF LAMPS	LAMP WATTS	FIXTURE WATTS	MOUNTING	SIZE	NOTES
A		HE WILLIAMS FIELD SELECT TROFFER FT-22-LS/BCS-AF-DIM-UNV	LED	120	1	23.8	23.8	RECESSED	2'x2'	SET FIXTURE TO 3400 LUMEN SETTING AND 4000K COLOR TEMPERATURE SETTING
-		HE WILLIAMS LED EMERGENCY LIGHT EMER/LED-WHT-SDT-D	LED	120	2	1.0	2.0	UNIVERSAL	-	UL 924 LISTED FIXTURE; 90-MINUTE BATTERY BACKUP

120/208V 3Ø 4W+G				BUS RATING: 800A										MLO	
CONNECTED LOAD	CONDUCTORS	CKT. BREAKER CAPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER CAPACITY	CONDUCTORS	CONNECTED LOAD					
DOAS-1	(3) #2 CU & (1) #6 GND.	110	1	-	-	-	2	125	(3) #1 CU & (1) #6 GND.	DOAS-2					
			3	-	-	-	4								
			5	-	-	-	6								
			7	-	-	-	8								
DOAS-3	(3) #2 CU & (1) #6 GND.	110	9	-	-	-	10	125	(3) #1 CU & (1) #6 GND.	DOAS-4					
			11	-	-	-	12								
DOAS-1 FS DAMPERS	(2) #12 CU & (1) #12 GND.	20	13	-	-	-	14	20	(2) #12 CU & (1) #12 GND.	DOAS-2 FS DAMPERS					
DOAS-3 FS DAMPERS	(2) #12 CU & (1) #12 GND.	20	15	-	-	-	16	20	(2) #12 CU & (1) #12 GND.	DOAS-4 FS DAMPERS					
			17	-	-	-	18								
EXISTING LOAD RELOCATED FROM MDP	(3) #4 CU & (1) #10 GND.	20	19	-	-	-	20	20	(3) #4 CU & (1) #10 GND.	EXISTING LOAD RELOCATED FROM MDP					
			20	-	-	-	22	20							
SPARE	-	20	23	-	-	-	24	20	-	SPARE					
SPARE	-	20	25	-	-	-	26	20	-	SPARE					
SPARE	-	20	27	-	-	-	28	20	-	SPARE					
SPARE	-	20	29	-	-	-	30	20	-	SPARE					
SQUARE D I-LINE PANEL - COPPER BUS				-	-	-	-	-	- KVA TOTAL						

1 Panelboard PP-V
E001 Scale: None

ELECTRICAL LEGEND:

	MOTOR
	EARTH GROUND
	JUNCTION BOX
	PULL BOX
	FUSE WITH RATING
	MOLDED CASE CIRCUIT BREAKER
	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, UNFUSED
	STARTER, COMBINATION WITH DISCONNECT SWITCH
	STARTER OR MOTOR CONTROLLER
	METER
	20A 120V DUPLEX CEILING MOUNTED RECEPTACLE
	20A 120V DUPLEX WALL MOUNTED RECEPTACLE; 18" A.F.F. UNLESS OTHERWISE NOTED
	20A 120V DUPLEX WALL MOUNTED RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
	20A 120V QUADRAPLEX RECEPTACLE
	WALL MOUNTED SPECIAL PURPOSE RECEPTACLE
	20A 120V WALL MOUNTED USB CHARGER RECEPTACLE TYPICAL OF HUBBELL USB20X OR ACCEPTABLE EQUAL
	FLOOR BOX WITH STAINLESS COVER TYPICAL OF LEW ELECTRIC #OB-1-SP OR ACCEPTABLE EQUAL; PUSH BUTTON OPEN; FULLY IP68 RATED WATER PROOF (WHEN IN CLOSED POSITION); W/ 20A 125V E60120 GFCI RECEPTACLE (UNLESS OTHERWISE NOTED)
	WALL PHONE OUTLET MTD, 48" A.F.F.; 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD
	WALL BOX FOR TELEVISION CONNECTION; 1-1/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD
	TELEPHONE/DATA COMMUNICATION BOX W/ (2) 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD; NO FACE PLATE
	BRANCH CIRCUIT HOMERUN: LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS; ONE SEPARATE GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN
	SWITCH BLANK = SINGLE POLE 3 = THREE-WAY D = DIMMER P = WITH PILOT LIGHT T = TIMER OPERATED X = EXPLOSION PROOF
	DUAL TECHNOLOGY OCCUPANCY SENSOR
	DAYLIGHT SENSOR
	HORN/STROBE DEVICE, ONE ASSEMBLY; MTD, 80" A.F.F. UNLESS OTHERWISE NOTED; 15 CANDELA UNLESS OTHERWISE NOTED
	STROBE DEVICE, MTD, 80" A.F.F. UNLESS OTHERWISE NOTED; 15 CANDELA UNLESS OTHERWISE NOTED
	MANUAL PULL STATION; MTD, 48" A.F.F.
	WATER FLOW SWITCH
	VALVE TAMPER SWITCH
	DETECTOR; LETTER INDICATES AS FOLLOWS: BLANK = SMOKE DETECTOR P = PHOTOELECTRIC SMOKE M = MULTIPLE STATION SMOKE ALARM D = PHOTOELECTRIC DUCT SMOKE DETECTOR FSD = DUCT SMOKE DETECTOR FOR FIRE SMOKE DAMPER
	RATE OF RISE HEAT DETECTOR, 135°F
	CARBON MONOXIDE DETECTOR; MTD, 60" A.F.F.
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	REMOTE TEST SWITCH & LED FOR DUCT SMOKE DETECTORS
	FIRE ALARM RELAY

ELECTRICAL NOTES:

- ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
- THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
- ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
- A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
- THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
- EQUIPMENT AND MATERIALS FOR WHICH UNDERWRITERS LABORATORIES, INC. (UL) PROVIDES PRODUCT LISTING SERVICE SHALL BE LISTED AND BEAR THE LISTING MARK.
- ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2017 NATIONAL ELECTRIC CODE, 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- ALL NEW LIGHTING FIXTURES SHALL BE INSTALLED FULLY LAMPED AND OPERABLE. THE CONTRACTOR SHALL TURN OVER TO THE OWNER SPARE LAMPS OF EVERY TYPE ON THE PROJECT IN AN AMOUNT NOT LESS THAN 20% OF THE TOTAL NUMBER OF EACH TYPE (MINIMUM 1 PER TYPE).
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL UTILITY COMPANY AND/OR THE TELEPHONE COMPANY. ALL WORK INVOLVING THE UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
- ALL CONDUCTORS SHALL BE COPPER, SHALL NOT BE LESS THAN #12 AWG, AND SHALL NOT EXCEED 70 FEET FROM PANEL BOARD TO FURTHEST CONNECTION UNLESS OTHERWISE NOTED ON PLANS.
- LIGHTING LOADS SHALL NOT BE COMBINED ON THE SAME CIRCUIT AS ANY OTHER ELECTRICAL LOADS.
- CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH & INSTALL ALL SMALL DETAILS AND INCIDENTAL WORK NOT SHOWN OR SPECIFIED, BUT WHICH CAN BE REASONABLY INFERRED AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OF HIGH QUALITY MEETING ALL APPLICABLE CODES AND REGULATIONS.
- FOR EACH NEW OR MODIFIED ELECTRICAL PANEL, THE CONTRACTOR SHALL PROVIDE A TYPE WRITTEN DIRECTORY CARD TO REFLECT ALL CIRCUITING. ADDITIONALLY, THE CONTRACTOR SHALL LABEL (WITH A PERMANENT MARKER OR LABEL) EACH RECEPTACLE ON THE INSIDE OF EACH FACE PLATE WITH PANEL AND CIRCUIT NUMBER DESIGNATION.
- MINIMUM REQUIREMENT FOR EQUIPMENT GROUNDING SHALL BE GOVERNED BY THE NEC. ALL GROUNDS, BONDING, ETC. SHALL MEET THESE REQUIREMENTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ANY AND ALL ITEMS NECESSARY TO MEET THESE REQUIREMENTS AT NO EXTRA COST, EVEN IF SUCH ITEMS ARE NOT DETAILED ON THE DRAWINGS.
- ALL CONDUIT AND CABLE SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
- THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, WIRING, DEVICES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.

WIRE COLOR CODING TABLE						
PHASE	WIRES	VOLTAGE	L1	L2	L3	NEUTRAL GROUND
1	2 (1)	120	BLACK	-	-	WHITE -
1	2 (1)	208	BLACK	RED	-	- -
1	3	120	BLACK	-	-	WHITE GREEN (2)
1	3	208	BLACK	RED	-	- GREEN (2)
3	4	208	BLACK	RED	BLUE	- GREEN (2)
3	5	208	BLACK	RED	BLUE	WHITE GREEN (2)
1	3	277	BROWN	-	-	GRAY GREEN (2)
1	3	480	BROWN	ORANGE	-	- GREEN (2)
3	4	480	BROWN	ORANGE	YELLOW	- GREEN (2)
3	5	480	BROWN	ORANGE	YELLOW	GRAY GREEN (2)
NOTES: 1. FOR DOUBLE INSULATED EQUIPMENT ONLY. 2. GREEN/YELLOW MAY BE USED: - GREEN/YELLOW SHALL BE GREEN WITH ONE OR MORE YELLOW STRIPES. - GREEN = 50 TO 70%, YELLOW = 50 TO 30%. - GREEN/YELLOW IS THE ONLY COLOR INTERNATIONALLY ACCEPTED FOR USE AS AN EQUIPMENT GROUNDING CONDUCTOR. - GREEN OR GREEN/YELLOW <u>MUST ONLY</u> BE USED FOR GROUNDING CONDUCTORS.						

DEVICE MOUNTING HEIGHTS	
POWER RECEPTACLES (INTERIOR)	18" A.F.F.
POWER RECEPTACLES (EXTERIOR)	36" A.F.G.
POWER RECEPTACLES (@ COUNTER)	44" A.F.F.
LIGHT SWITCHES	44" A.F.F. TO TOP OF DEVICE
DISCONNECT SWITCHES	SEE NEC 404.8(A)
TELEPHONE/DATA RECEPTACLES	18" A.F.F.
TELEPHONE/DATA RECEPTACLES (@ COUNTER)	44" A.F.F.
WALL TELEPHONE RECEPTACLES	48" A.F.F. TO TOP OF DEVICE
FIRE ALARM PULL STATIONS	42" A.F.F. MIN./44" A.F.F. MAX.
FIRE ALARM AUDIO/VISUAL DEVICES	80" A.F.F. MIN./96" A.F.F. MAX.
EXIT LIGHTS (WALL MOUNTED)	12" ABOVE DOOR
EMERGENCY LIGHTS (WALL MOUNTED)	90" A.F.F.
TV & A/V OUTLETS	18" A.F.F.
NOTE: ALL DIMENSIONS ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED	

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CITY SCHOOL DISTRICT OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B

Project Title



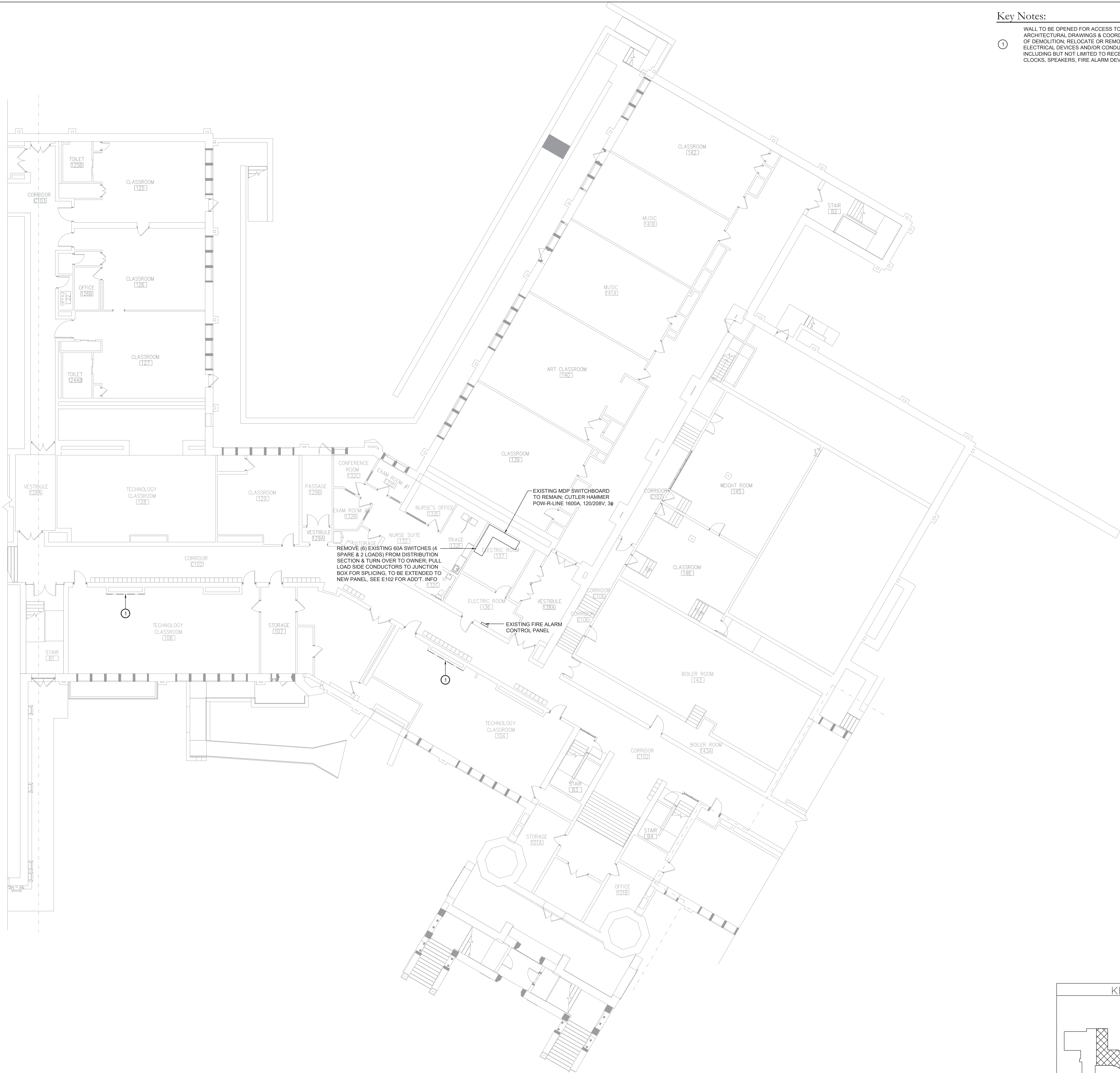
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Sheet Title
ELECTRICAL
NOTES, LEGEND,
DETAILS &
SCHEDULES

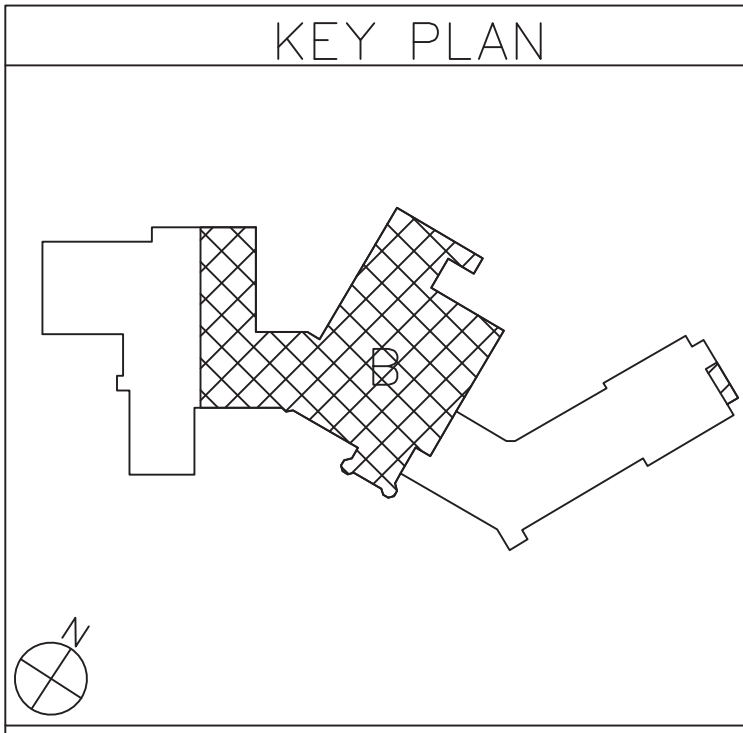
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Key Notes:

① WALL TO BE OPENED FOR ACCESS TO SHAFTS. REFER TO ARCHITECTURAL DRAWINGS & COORDINATE W/ GC ON EXTENTS OF DEMOLITION. RELOCATE OR REMOVE & REINSTALL ANY ELECTRICAL DEVICES AND/OR CONDUITS IMPACTED BY THE SCOPE INCLUDING BUT NOT LIMITED TO RECEPTACLES, SWITCHES, CLOCKS, SPEAKERS, FIRE ALARM DEVICES, ETC.

① **Area B Ground Floor Electrical Demolition Plan**
Scale: 3/32" = 1'-0"



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AN AFFILIATE OF CSARCH P.C.

Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B

Project Title

STATE OF NEW YORK
JAMES T. GEORGE, JR.
LICENSED PROFESSIONAL ENGINEER
069039

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Sheet Title

AREA B
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FLOOR
ELECTRICAL
DEMOLITION
PLAN

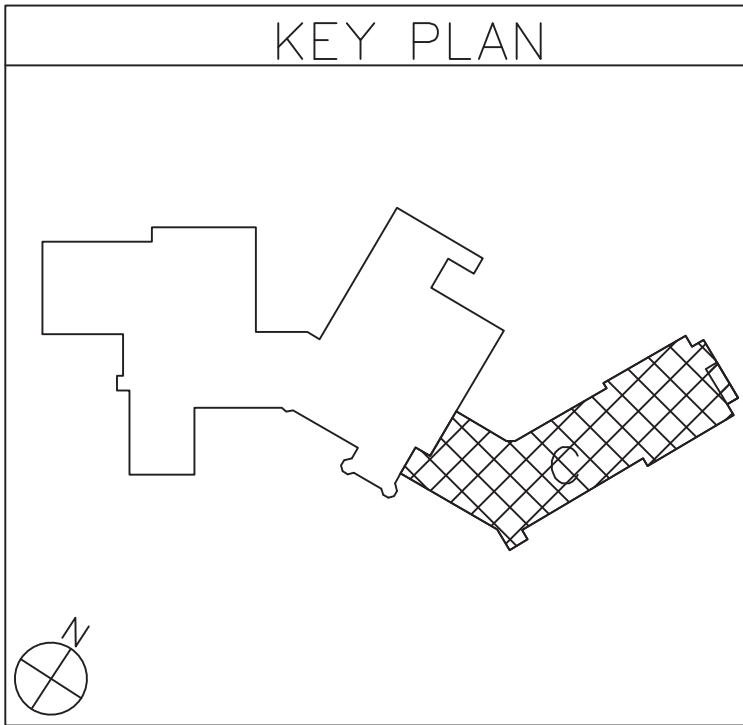
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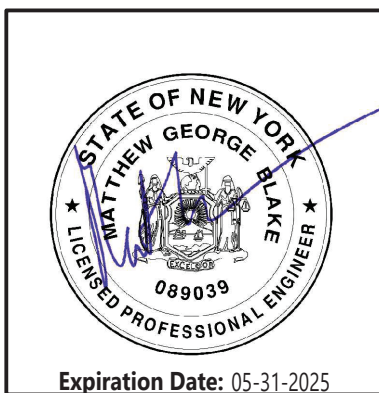


1 Area C Ground Floor Electrical Demolition Plan
ED103 Scale: 3/32" = 1'-0"



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2023 CAPITAL PROJECTS - PHASE 2B

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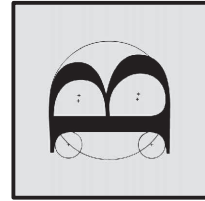
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DEMOLITION
PLAN

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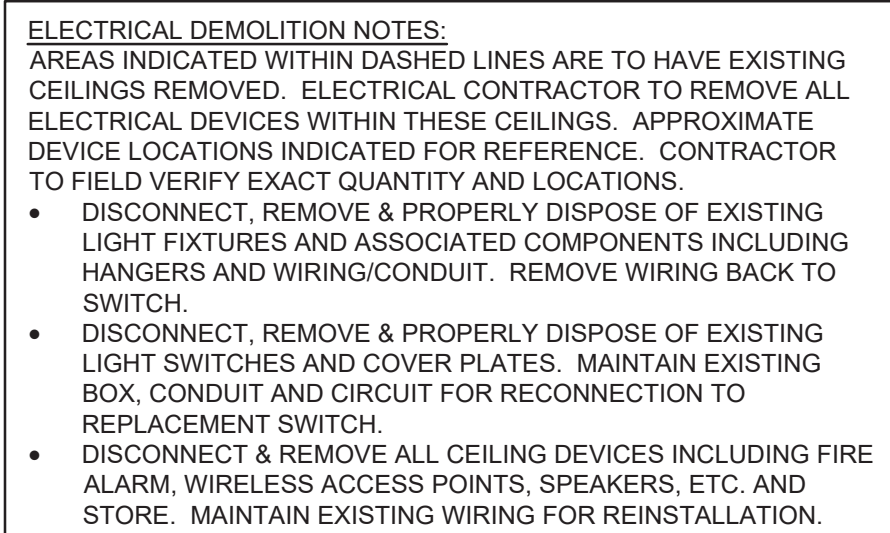
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ED113



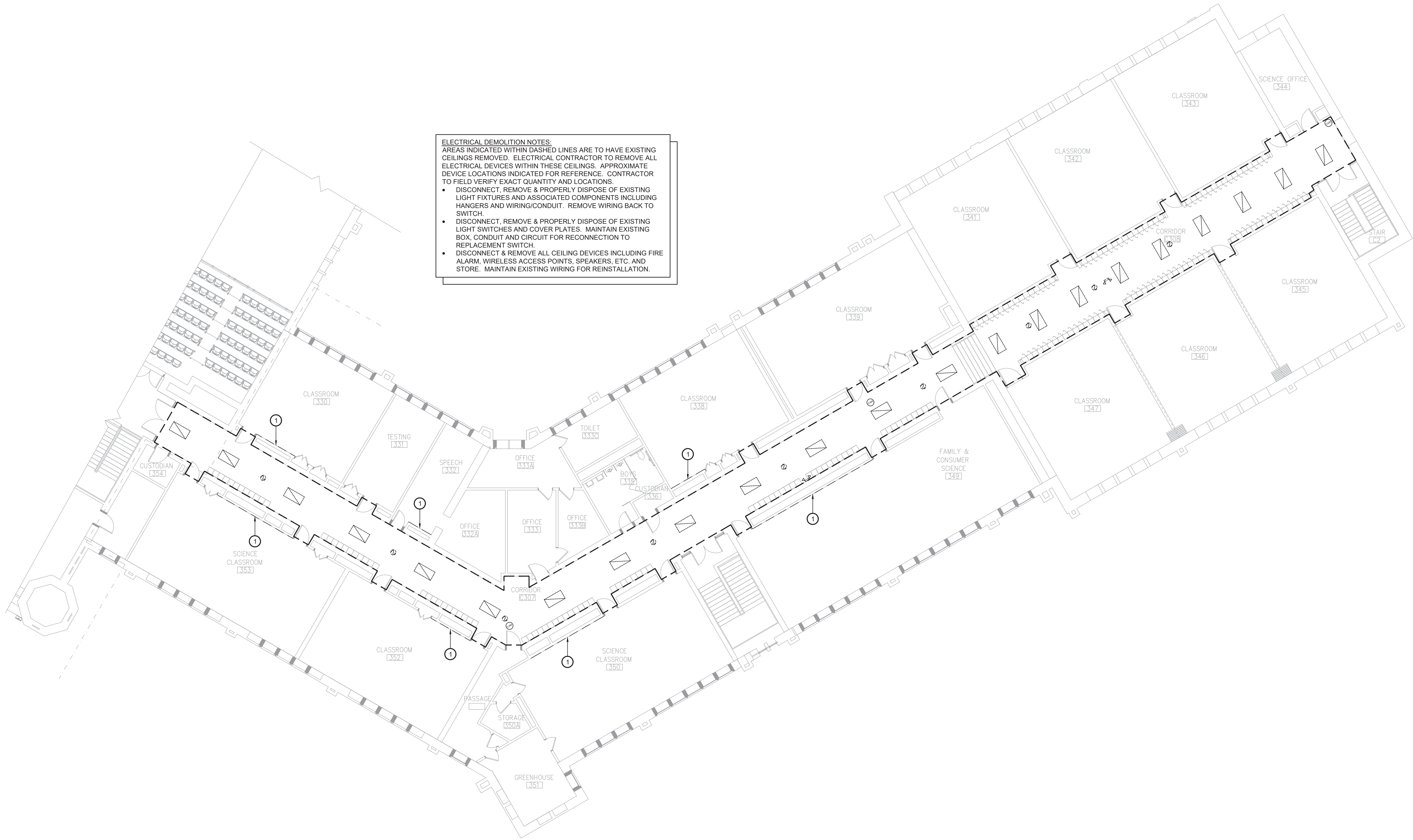
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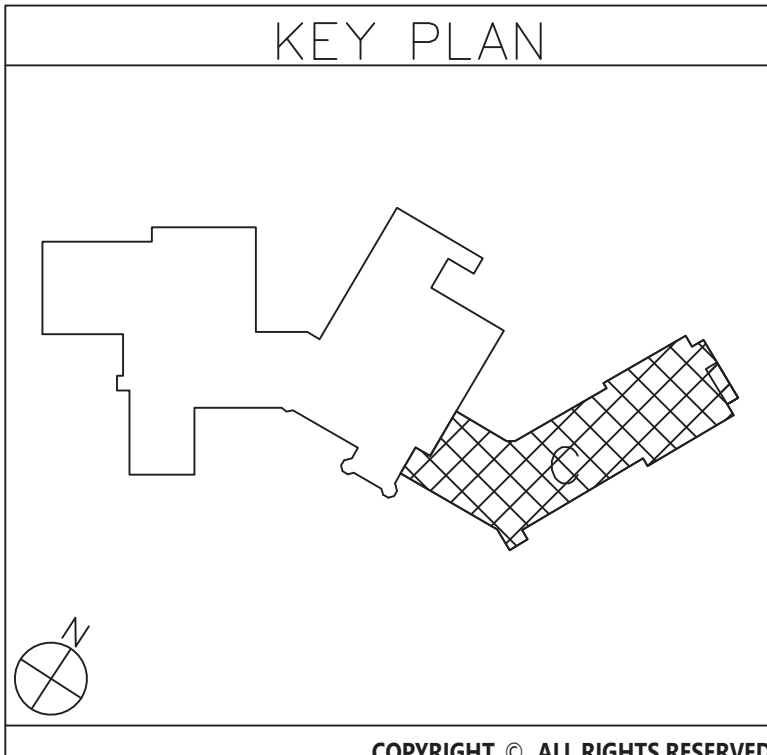


ELECTRICAL DEMOLITION NOTES:
AREAS INDICATED WITHIN DASHED LINES ARE TO HAVE EXISTING CEILINGS REMOVED. ELECTRICAL CONTRACTOR TO REMOVE ALL ELECTRICAL DEVICES WITHIN THESE CEILINGS. APPROXIMATE DEVICE LOCATIONS INDICATED FOR REFERENCE. CONTRACTOR TO FIELD VERIFY EXACT QUANTITY AND LOCATIONS.

- DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING LIGHT FIXTURES AND ASSOCIATED COMPONENTS INCLUDING HANGERS AND WIRING/CONDUIT. REMOVE WIRING BACK TO SWITCH.
- DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING LIGHT SWITCHES AND COVER PLATES. MAINTAIN EXISTING BOX, CONDUIT AND CIRCUIT FOR RECONNECTION TO REPLACEMENT SWITCH.
- DISCONNECT & REMOVE ALL CEILING DEVICES INCLUDING FIRE ALARM, WIRELESS ACCESS POINTS, SPEAKERS, ETC. AND STORE. MAINTAIN EXISTING WIRING FOR REINSTALLATION.

1
ED123

Area C 2nd Floor Electrical Demolition Plan
Scale: 3/32" = 1'-0"



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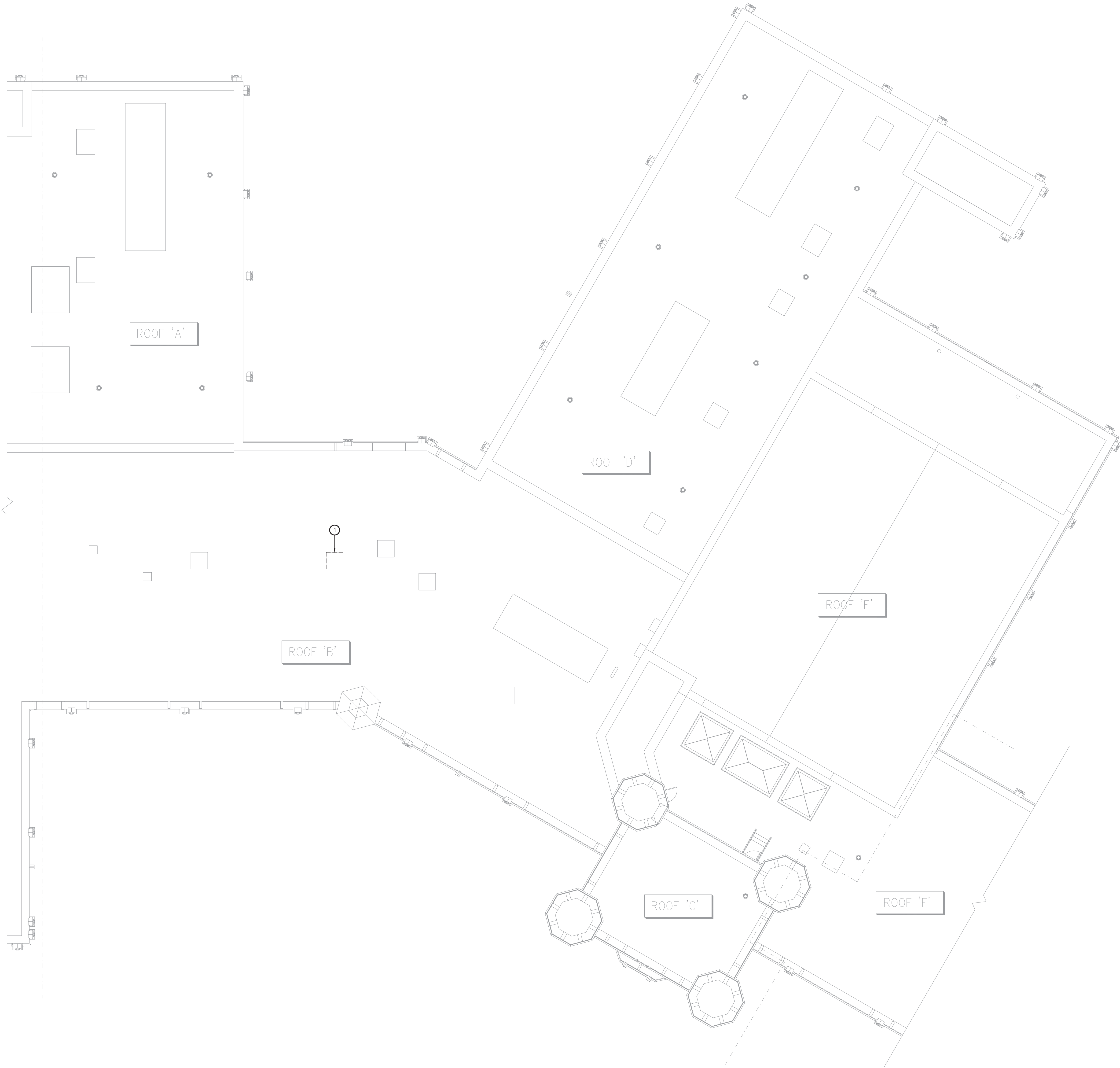
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Sheet Title
AREA C
2ND FLOOR
ELECTRICAL
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PLAN

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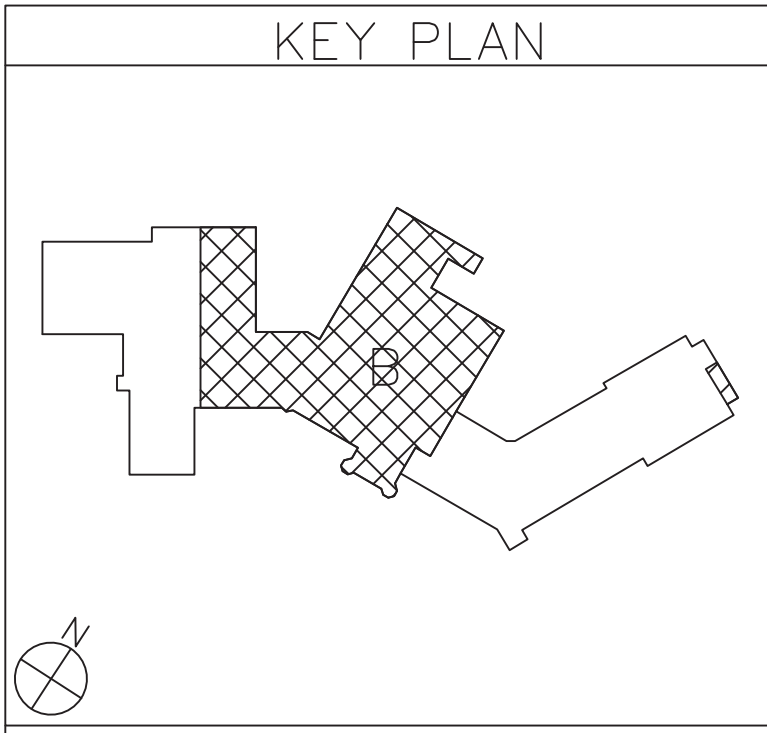
CONSTRUCTION DOCUMENTS



Key Notes:

① EXISTING EXHAUST FAN TO BE REMOVED, DISCONNECT, REMOVE & PROPERLY DISPOSE OF ALL ASSOCIATED CONDUITS, WIRING, DISCONNECTS, ETC.; REMOVE ALL CONDUITS AND WIRING BACK TO SOURCE

① **Area B Roof Electrical Demolition Plan**
Scale: 3/32" = 1'-0"



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2023 CAPITAL PROJECTS - PHASE 2B

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STATE OF NEW YORK
JAMES H. GEORGE, JR.
SEAL
069070
LICENSED PROFESSIONAL ENGINEER

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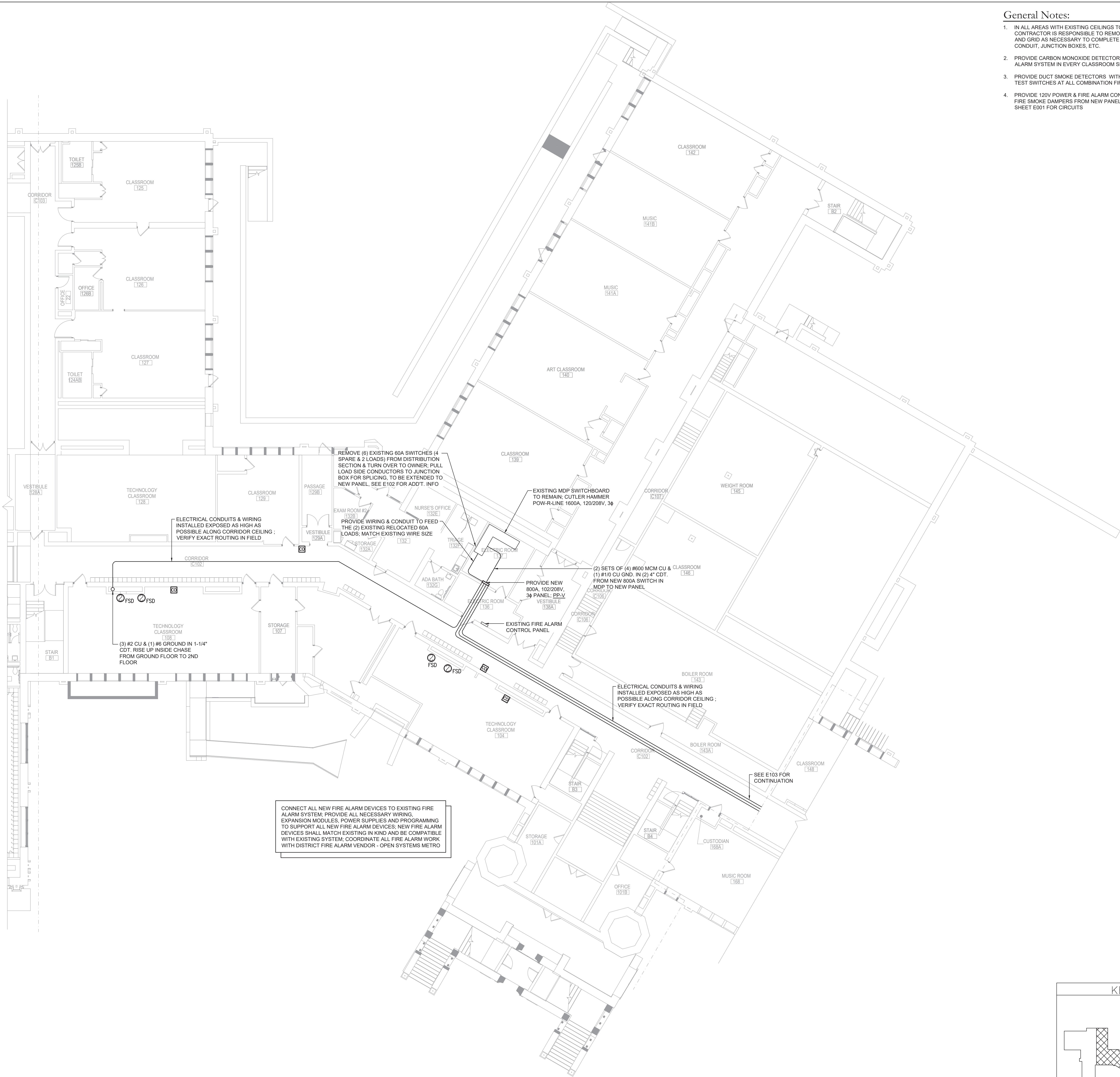
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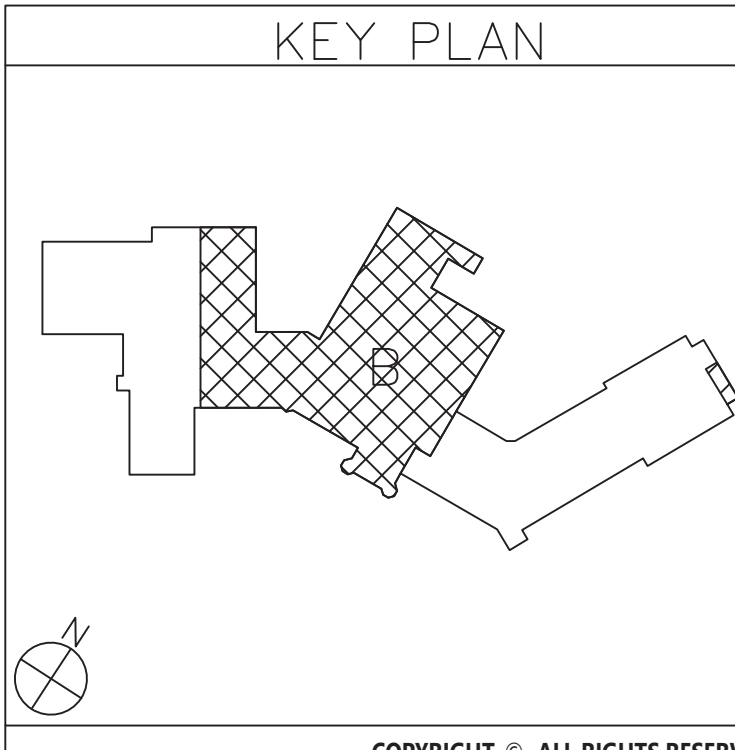
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CONSTRUCTION DOCUMENTS



- General Notes:
1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE INSTALLATION OF WIRING, CONDUIT, JUNCTION BOXES, ETC.
 2. PROVIDE CARBON MONOXIDE DETECTORS CONNECTED TO EXISTING FIRE ALARM SYSTEM IN EVERY CLASSROOM SERVED BY THE NEW DOAS UNITS.
 3. PROVIDE DUCT SMOKE DETECTORS WITH CEILING MOUNTED REMOTE TEST SWITCHES AT ALL COMBINATION FIRE SMOKE DAMPERS.
 4. PROVIDE 120V POWER & FIRE ALARM CONNECTION TO ALL COMBINATION FIRE SMOKE DAMPERS FROM NEW PANEL PP-V, SEE PANEL SCHEDULE ON SHEET E001 FOR CIRCUITS

1 Area B Ground Floor Electrical Plan
E102 Scale: 3/32" = 1'-0"



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CITY SCHOOL DISTRICT OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B

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SEAL OF THE STATE OF NEW YORK
JAMES G. COOPER, GOVERNOR
059939
LICENSED PROFESSIONAL ENGINEER

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Sheet Title

AREA B
GROUND
FLOOR
ELECTRICAL
PLAN

Sheet No.

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E102

CONSTRUCTION DOCUMENTS

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ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B

Project Title



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AREA C
GROUND
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ELECTRICAL
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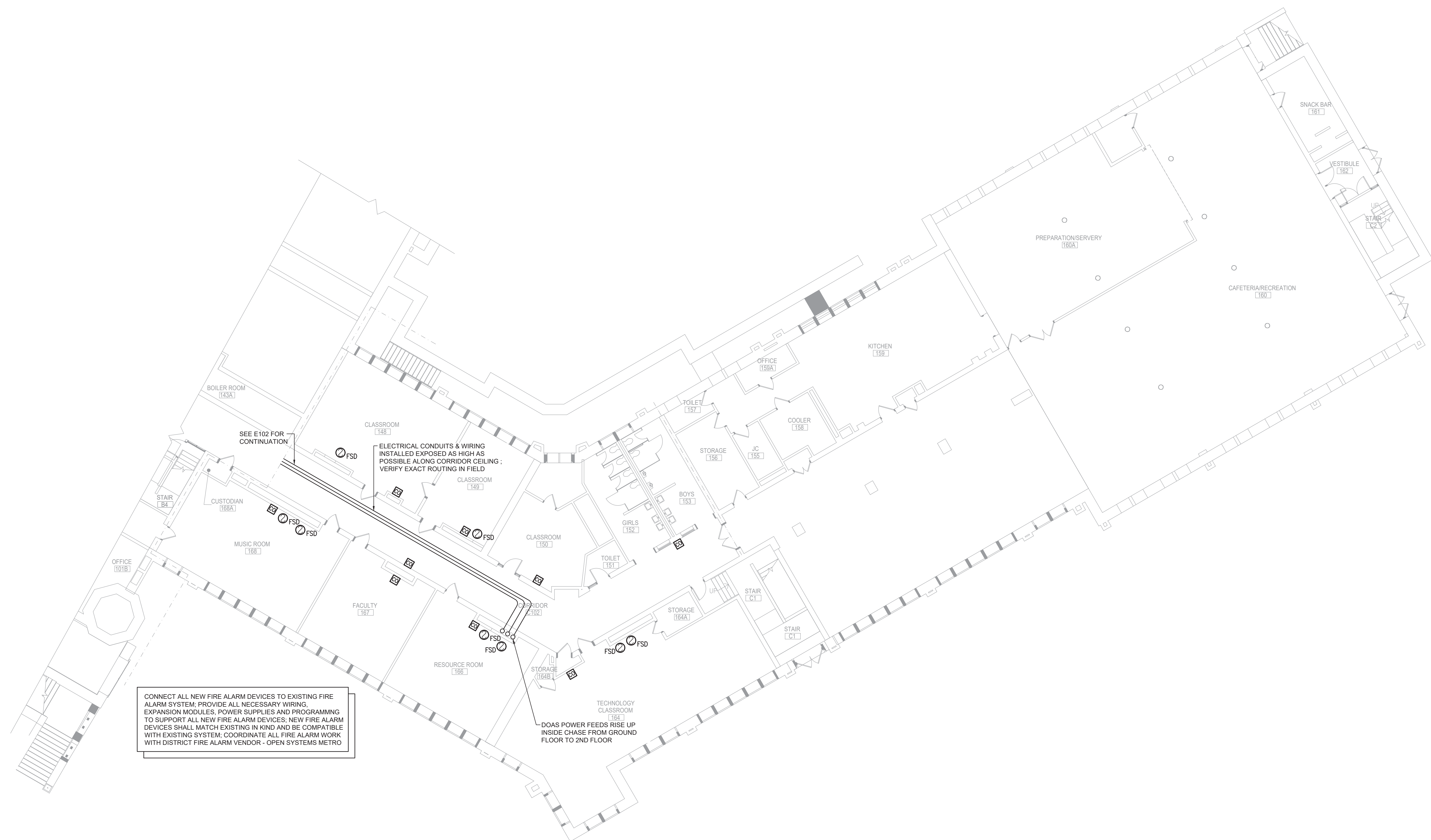
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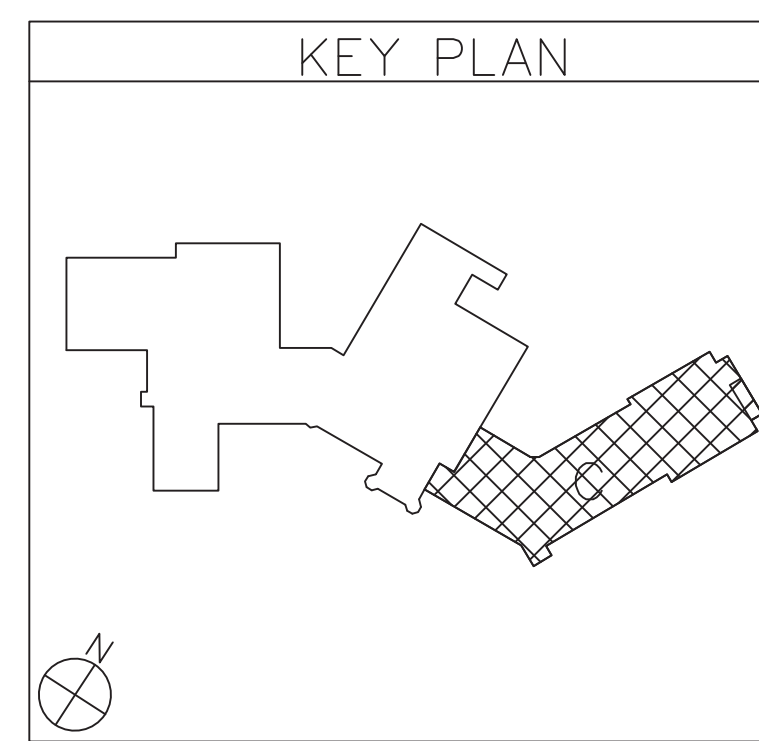
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2. PROVIDE CARBON MONOXIDE DETECTORS CONNECTED TO EXISTING FIRE ALARM SYSTEM IN EVERY CLASSROOM SERVED BY THE NEW DOAS UNITS.
3. PROVIDE DUCT SMOKE DETECTORS WITH CEILING MOUNTED REMOTE TEST SWITCHES AT ALL COMBINATION FIRE SMOKE DAMPERS.
4. PROVIDE 120V POWER & FIRE ALARM CONNECTION TO ALL COMBINATION FIRE SMOKE DAMPERS FROM NEW PANEL PP-V. SEE PANEL SCHEDULE ON SHEET E001 FOR CIRCUITS

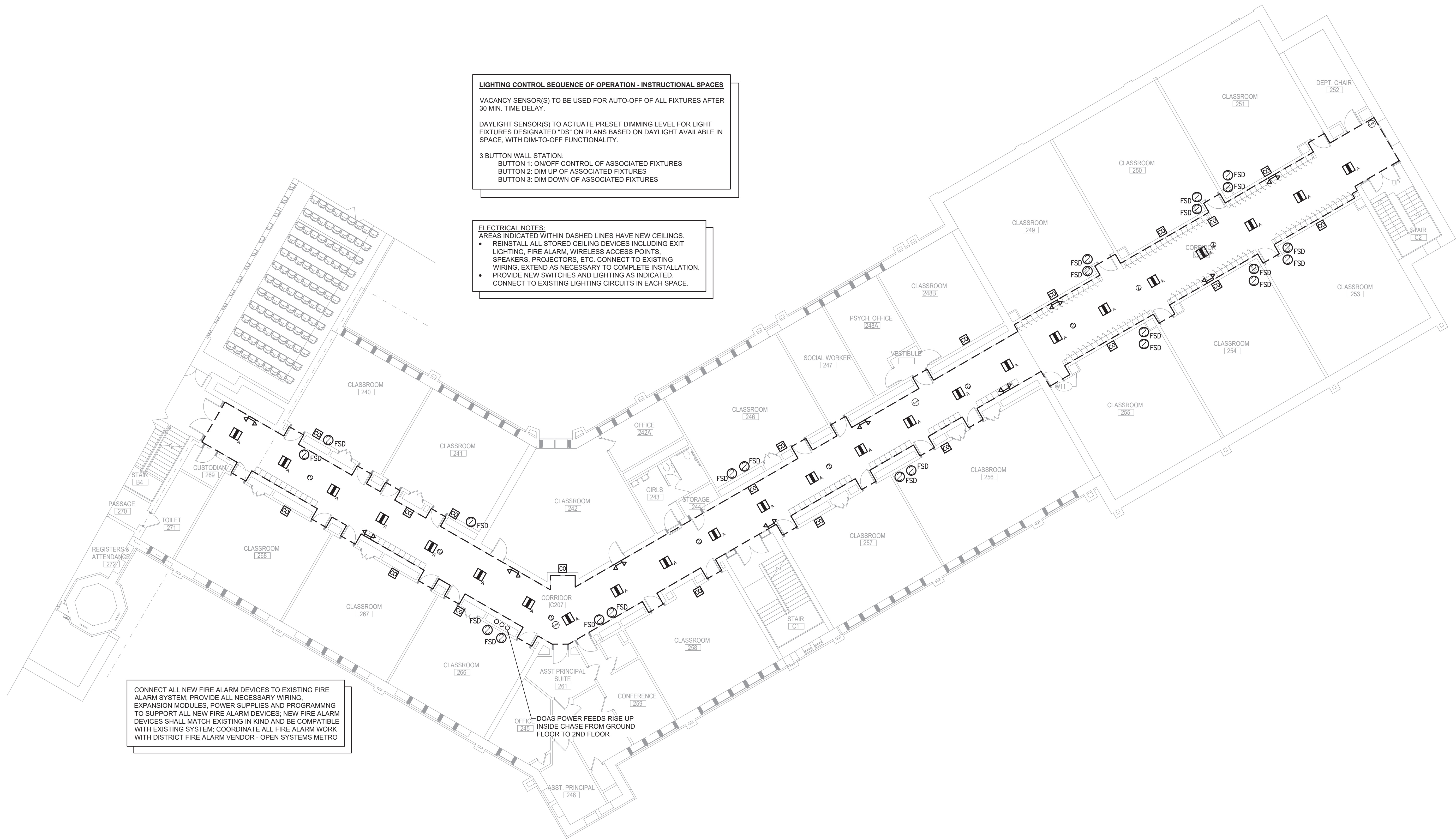


CONNECT ALL NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM; PROVIDE ALL NECESSARY WIRING, EXPANSION MODULES, POWER SUPPLIES AND PROGRAMMING TO SUPPORT ALL NEW FIRE ALARM DEVICES; NEW FIRE ALARM DEVICES SHALL MATCH EXISTING IN KIND AND BE COMPATIBLE WITH EXISTING SYSTEM; COORDINATE ALL FIRE ALARM WORK WITH DISTRICT FIRE ALARM VENDOR - OPEN SYSTEMS METRO

1 Area C Ground Floor Electrical Plan
E103 Scale: 3/32" = 1'-0"



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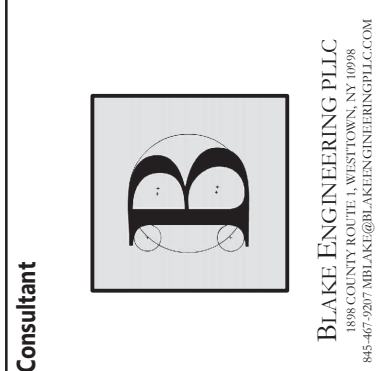
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Scale: 3/32" = 1'-0"

General Notes:

- IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE INSTALLATION OF WIRING, CONDUIT, JUNCTION BOXES, ETC.
- PROVIDE CARBON MONOXIDE DETECTORS CONNECTED TO EXISTING FIRE ALARM SYSTEM IN EVERY CLASSROOM SERVED BY THE NEW DOAS UNITS.
- PROVIDE DUCT SMOKE DETECTORS WITH CEILING MOUNTED REMOTE TEST SWITCHES AT ALL COMBINATION FIRE SMOKE DAMPERS.
- PROVIDE 120V POWER & FIRE ALARM CONNECTION TO ALL COMBINATION FIRE SMOKE DAMPERS FROM NEW PANEL PP-V, SEE PANEL SCHEDULE ON SHEET E001 FOR CIRCUITS

19 Front St., Newburgh, New York 12550-7601
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Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B

Project Title



Expiration Date: 05-31-2025

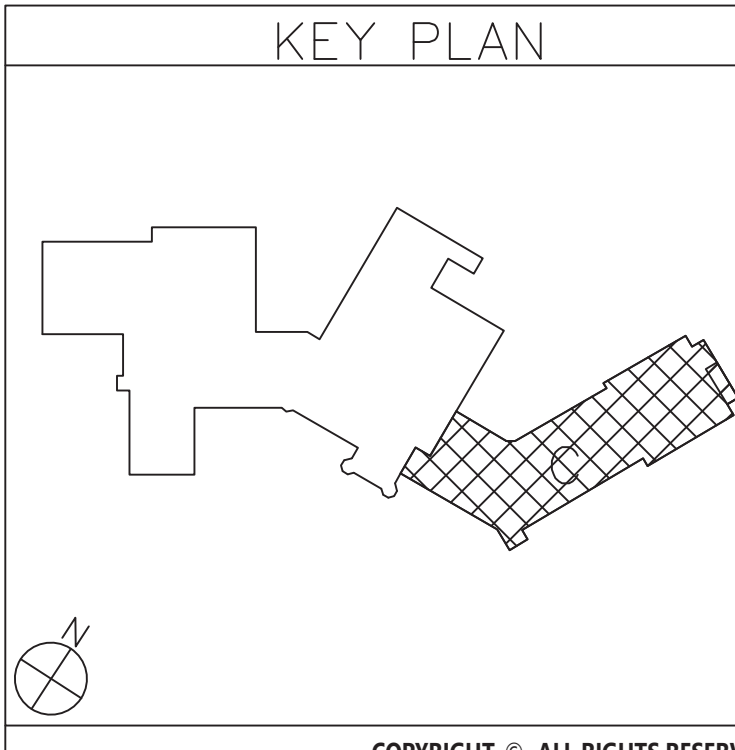
DATE	DESCRIPTION

Drawn By: BJK
Checked By: BJK
Proj. #: 66-11-00-01-0-003-018
CSArch Proj. #: 188-2301.02
Issued for Bid: 05/30/2025

Sheet Title
AREA C
1ST FLOOR
ELECTRICAL
PLAN

Sheet No.
IEYMS
E113

CONSTRUCTION DOCUMENTS



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CITY SCHOOL DISTRICT OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B



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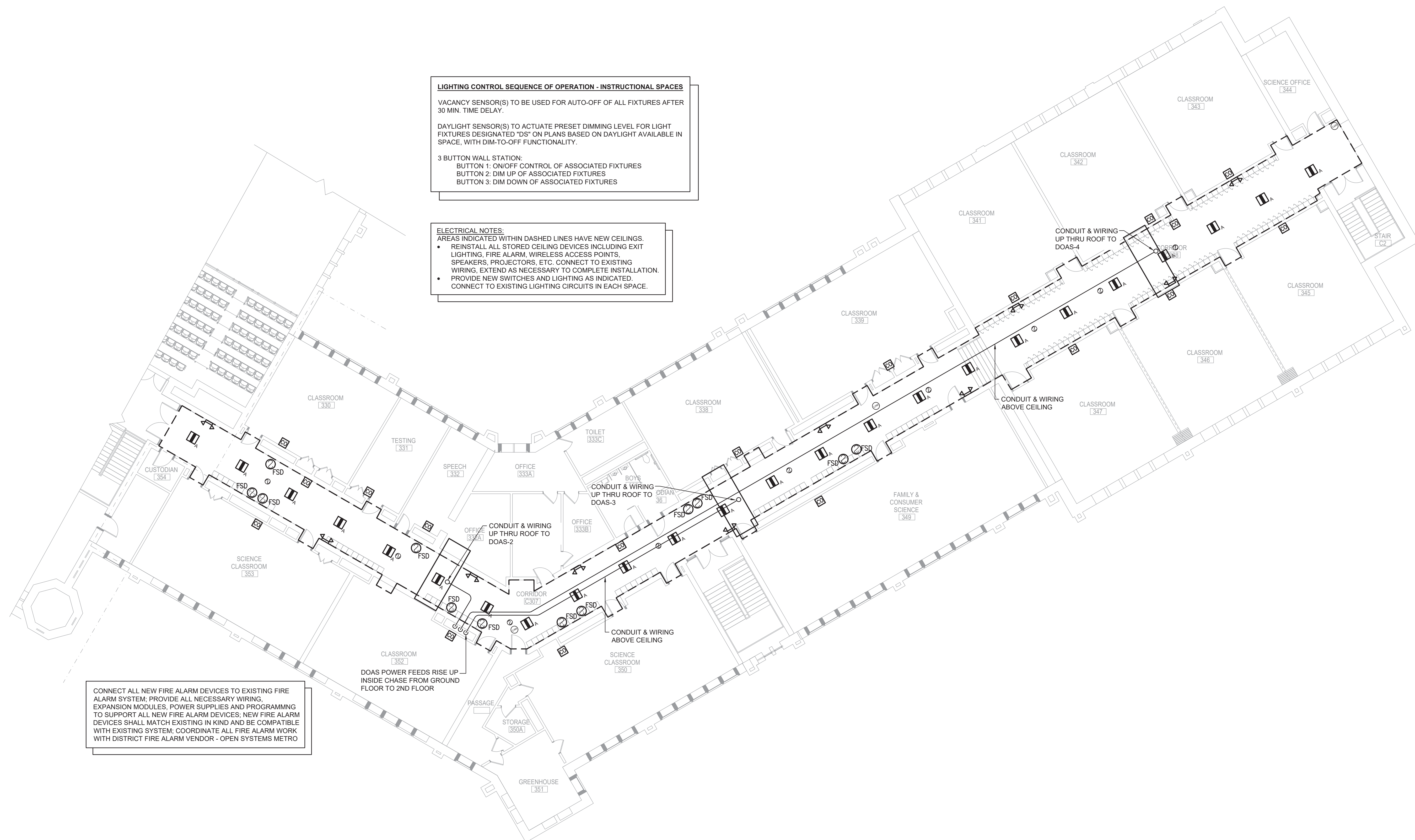
AREA C
2ND FLOOR
ELECTRICAL
PLAN

Sheet No. IEYMS
E123

CONSTRUCTION DOCUMENTS

General Notes:

1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE INSTALLATION OF WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. PROVIDE CARBON MONOXIDE DETECTORS CONNECTED TO EXISTING FIRE ALARM SYSTEM IN EVERY CLASSROOM SERVED BY THE NEW DOAS UNITS.
3. PROVIDE DUCT SMOKE DETECTORS WITH CEILING MOUNTED REMOTE TEST SWITCHES AT ALL COMBINATION FIRE SMOKE DAMPERS.
4. PROVIDE 120V POWER & FIRE ALARM CONNECTION TO ALL COMBINATION FIRE SMOKE DAMPERS FROM NEW PANEL PP-V. SEE PANEL SCHEDULE ON SHEET E001 FOR CIRCUITS



CONNECT ALL NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM; PROVIDE ALL NECESSARY WIRING, EXPANSION MODULES, POWER SUPPLIES AND PROGRAMMING TO SUPPORT ALL NEW FIRE ALARM DEVICES; NEW FIRE ALARM DEVICES SHALL MATCH EXISTING IN KIND AND BE COMPATIBLE WITH EXISTING SYSTEM; COORDINATE ALL FIRE ALARM WORK WITH DISTRICT FIRE ALARM VENDOR - OPEN SYSTEMS METRO

LIGHTING CONTROL SEQUENCE OF OPERATION - INSTRUCTIONAL SPACES

VACANCY SENSOR(S) TO BE USED FOR AUTO-OFF OF ALL FIXTURES AFTER 30 MIN. TIME DELAY.

DAYLIGHT SENSOR(S) TO ACTUATE PRESET DIMMING LEVEL FOR LIGHT FIXTURES DESIGNATED "DS" ON PLANS BASED ON DAYLIGHT AVAILABLE IN SPACE, WITH DIM-TO-OFF FUNCTIONALITY.

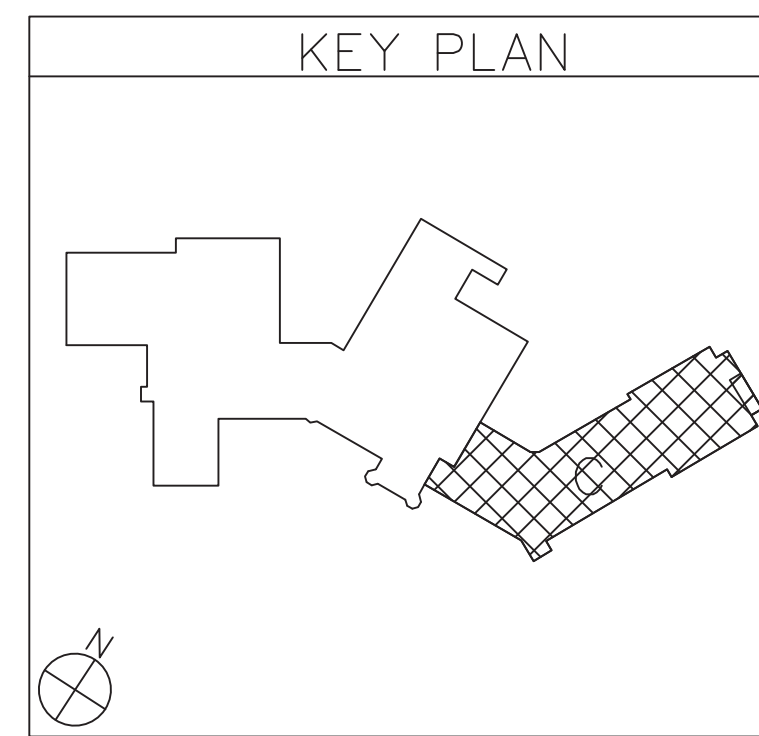
3 BUTTON WALL STATION:
 BUTTON 1: ON/OFF CONTROL OF ASSOCIATED FIXTURES
 BUTTON 2: DIM UP OF ASSOCIATED FIXTURES
 BUTTON 3: DIM DOWN OF ASSOCIATED FIXTURES

ELECTRICAL NOTES:

- REINSTALL ALL STORED CEILING DEVICES INCLUDING EXIT LIGHTING, FIRE ALARM, WIRELESS ACCESS POINTS, SPEAKERS, PROJECTORS, ETC. CONNECT TO EXISTING WIRING, EXTEND AS NECESSARY TO COMPLETE INSTALLATION
- PROVIDE NEW SWITCHES AND LIGHTING AS INDICATED. CONNECT TO EXISTING LIGHTING CIRCUITS IN EACH SPACE.

1 Area C 2nd Floor Electrical Plan
E123 Scale: 3/32" = 1'-0"

Scale: $3/32'' = 1'-0''$



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Scale: $\frac{3}{32}'' = 1'-0''$



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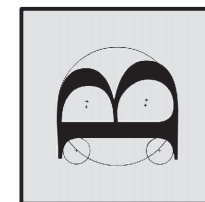
AREA C
ROOF
ELECTRICAL
PLAN

Sheet No

IEYMS
E133

CONSTRUCTION DOCUMENTS

Consultant



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ISAAC E YOUNG MIDDLE SCHOOL
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