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

270 CENTRE AVE, NEW ROCHELLE, NY 10805

ISSUED FOR BID: 06/13/2025

REGISTERED ARCHITECT
THOMAS M. RITTENHOUSE
023344
STATE OF NEW YORK

CSARCH - ARCHITECTS

GREENMAN - PEDERSEN, INC. - STRUCTURAL ENGINEER

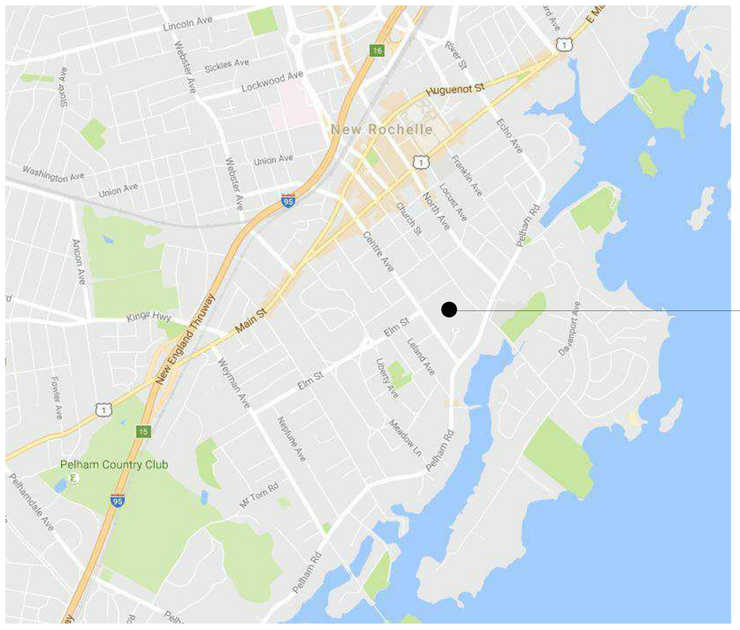
BLAKE ENGINEERING, PLLC - MEP ENGINEERS

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:

2023 CAPITAL PROJECT - PHASE 2B 66-11-00-01-0-003-018

THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

CSArch PROJECT NO. 188-2301.02



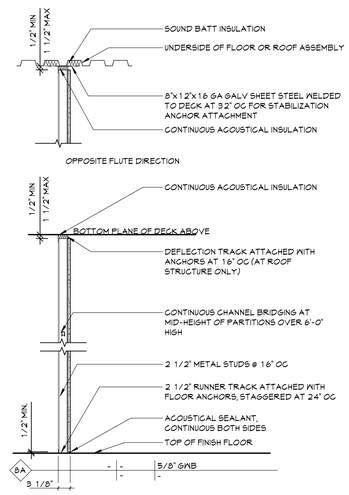
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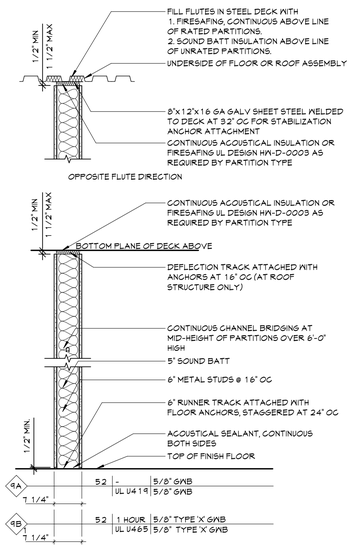
DRAWING LIST - VOLUME 2

GENERAL DRAWINGS	
G000	COVER
G001	SYMBOLS, ABBREVIATIONS, AND PARTITION
G100	OVERALL GROUND FLOOR PLAN
G110	OVERALL FIRST FLOOR PLAN
G120	OVERALL SECOND FLOOR PLAN
LIFE SAFETY DRAWINGS	
LS100	OVERALL GROUND FLOOR LIFE SAFETY PLAN
LS101	AREA 'A' - PARTIAL GROUND FLOOR LIFE SAFETY PLAN
LS102	AREA 'B' - PARTIAL GROUND FLOOR LIFE SAFETY PLAN
LS103	AREA C' - PARTIAL GROUND FLOOR LIFE SAFETY PLAN
LS110	OVERALL FIRST FLOOR LIFE SAFETY PLAN
LS111	AREA 'A' - PARTIAL FIRST FLOOR LIFE SAFETY PLAN
LS112	AREA 'B' - PARTIAL FIRST FLOOR LIFE SAFETY PLAN
LS113	AREA 'C' - PARTIAL FIRST FLOOR LIFE SAFETY PLAN
LS120	OVERALL SECOND FLOOR LIFE SAFETY PLAN
LS121	AREA 'A' - PARTIAL SECOND FLOOR LIFE SAFETY PLAN
LS122	AREA 'B' - PARTIAL SECOND FLOOR LIFE SAFETY PLAN
LS123	AREA 'C' - PARTIAL SECOND FLOOR LIFE SAFETY PLAN
LS124	LIFE SAFETY DIAGRAM
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AD106	AREA 'C' - PARTIAL GROUND FLOOR DEMO PLAN
AD112	AREA 'B' - PARTIAL FIRST FLOOR DEMO PLAN
AD116	AREA 'C' - PARTIAL FIRST FLOOR DEMO PLAN
AD125	AREA 'B' - PARTIAL SECOND FLOOR DEMO PLAN
AD126	AREA 'C' - PARTIAL SECOND FLOOR DEMO PLAN
AD402	AREA 'B' - PARTIAL ROOF DEMOLITION PLAN
AD403	AREA 'C' - PARTIAL ROOF DEMOLITION PLAN
AD802	AREA 'B' - PARTIAL GROUND FLOOR DEMO RCP
AD803	AREA 'C' - PARTIAL GROUND FLOOR DEMO RCP
AD812	AREA 'B' - PARTIAL FIRST FLOOR DEMO RCP
AD813	AREA 'C' - PARTIAL FIRST FLOOR DEMO RCP
AD822	AREA 'B' - PARTIAL SECOND FLOOR DEMO RCP
AD823	AREA 'C' - PARTIAL SECOND FLOOR DEMO RCP
ARCHITECTURAL DRAWINGS	
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A106	AREA 'C' - PARTIAL GROUND FLOOR PLAN
A112	AREA 'B' - PARTIAL FIRST FLOOR PLAN
A116	AREA 'C' - PARTIAL FIRST FLOOR PLAN
A125	AREA 'B' - PARTIAL SECOND FLOOR PLAN
A126	AREA 'C' - PARTIAL SECOND FLOOR PLAN
A402	AREA 'B' - PARTIAL ROOF PLAN
A403	AREA 'C' - PARTIAL ROOF PLAN
A802	AREA 'B' - PARTIAL GROUND FLOOR RCP
A803	AREA 'C' - PARTIAL GROUND FLOOR RCP
A812	AREA 'B' - PARTIAL FIRST FLOOR RCP
A813	AREA 'C' - PARTIAL FIRST FLOOR RCP
A822	AREA 'B' - PARTIAL SECOND FLOOR RCP
A823	AREA 'C' - PARTIAL SECOND FLOOR RCP
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AF001	MATERIAL AND ROOM FINISH SCHEDULE
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AF106	AREA 'C' - PARTIAL GROUND FLOOR FINISH PLAN
AF112	AREA 'B' - PARTIAL FIRST FLOOR FINISH PLAN
AF116	AREA 'C' - PARTIAL FIRST FLOOR FINISH PLAN
AF125	AREA 'B' - PARTIAL SECOND FLOOR FINISH PLAN
AF126	AREA 'C' - PARTIAL SECOND FLOOR FINISH PLAN
PLUMBING GENERAL	
P001	PLUMBING NOTES, SCHEDULE, LEGEND & DETAILS
PLUMBING DRAWINGS	
P111	AREA A 1ST FLOOR PLUMBING PLAN
P131	AREA A ROOF PLUMBING PLAN
P132	AREA B ROOF PLUMBING PLAN
P133	AREA C ROOF PLUMBING PLAN
MECHANICAL GENERAL	
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MD122	AREA B 2ND FLOOR MECHANICAL DEMOLITION PLAN
MD123	AREA C 2ND FLOOR MECHANICAL DEMOLITION PLAN
MD132	AREA B ROOF MECHANICAL DEMOLITION PLAN
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M103	AREA C GROUND FLOOR MECHANICAL PLAN
M112	AREA B 1ST FLOOR MECHANICAL PLAN
M113	AREA C 1ST FLOOR MECHANICAL PLAN
M122	AREA B 2ND FLOOR MECHANICAL PLAN
M123	AREA C 2ND FLOOR MECHANICAL PLAN
M132	AREA B ROOF MECHANICAL PLAN
M133	AREA C ROOF MECHANICAL PLAN
ELECTRICAL GENERAL	
E001	ELECTRICAL LEGEND AND ABBREVIATIONS
ELECTRICAL DEMOLITION	
ED101	FIRST FLOOR ELECTRICAL REMOVALS PLAN
ED102	AREA B GROUND FLOOR ELECTRICAL DEMOLITION PLAN
ED103	AREA C GROUND FLOOR ELECTRICAL DEMOLITION PLAN
ED112	AREA B 1ST FLOOR ELECTRICAL DEMOLITION PLAN
ED113	AREA C 1ST FLOOR ELECTRICAL DEMOLITION PLAN
ED122	AREA B 2ND FLOOR ELECTRICAL DEMOLITION PLAN
ED123	AREA C 2ND FLOOR ELECTRICAL DEMOLITION PLAN
ED132	AREA B ROOF ELECTRICAL DEMOLITION PLAN
ED133	AREA C ROOF ELECTRICAL DEMOLITION PLAN
ELECTRICAL DRAWINGS	
E102	AREA 'B' GROUND FLOOR ELECTRICAL PLAN
E103	AREA C GROUND FLOOR ELECTRICAL PLAN
E112	AREA B 1ST FLOOR ELECTRICAL PLAN
E113	AREA C 1ST FLOOR ELECTRICAL PLAN
E122	AREA C 2ND FLOOR ELECTRICAL PLAN
E123	AREA C 1ST FLOOR ELECTRICAL PLAN
E132	AREA B ELECTRICAL ROOF PLAN
E133	AREA C ELECTRICAL ROOF PLAN

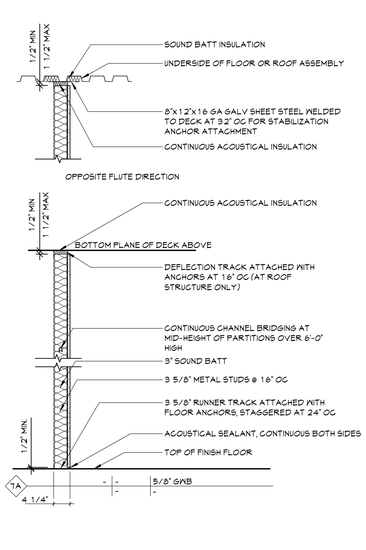
VOLUME 2 OF 2



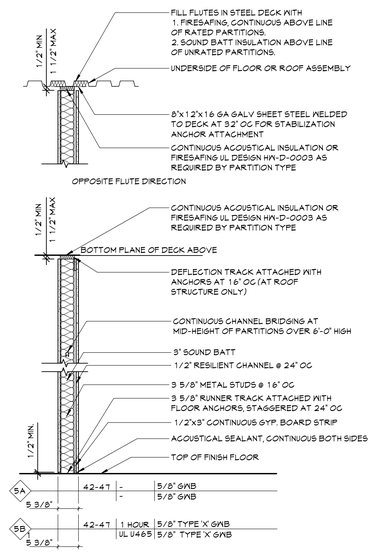
8 PARTITION TYPE '8'
A701 3/4" = 1'-0"



9 PARTITION TYPE '9'
A701 3/4" = 1'-0"



7 PARTITION TYPE '7'
A701 3/4" = 1'-0"



5 PARTITION TYPE '5'
A701 3/4" = 1'-0"

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B/	BOTTOM OF
BSMT	BASEMENT
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
ED	EDUCATION
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
ELEV	ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EXST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FIN	FINISH
FIN FL	FINISH FLOOR
FIXT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDENT-TREATED MATERIAL
FTG	FOOTING
G	GROUND
GA	GAUGE
GAL	GALLON(S)
GALV	GALVANIZE(D)
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALL BOARD
GWBS	GYPSUM WALL BOARD SOFFIT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LIN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPT	OPTIONAL
OVR	OVERALL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACOUSTICAL CEILING
TAB	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPORARY
TMPD	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL

ARCHITECTURAL LEGEND

MATERIAL INDICATIONS

EARTH
GRANULAR FILL
BRICK
CONCRETE MASONRY UNIT
CONCRETE
GROUT
ROUGH WOOD BLOCKING
SHIM
FINISH WOOD
PLYWOOD
SHEATHING
RIGID INSULATION
BATT INSULATION
SPRAY FOAM INSULATION
EPS INSULATION
STEEL

DIMENSIONING CONVENTIONS

FACE OF STUD OR CMU
COLUMN CENTER LINE

SYMBOLS

CLASSROOM / 100 / 000 S.F. — ROOM NAME, ROOM NUMBER, AREA OF ROOM
A100 — DOOR NUMBER, REFER TO A900 DRAWINGS
1 — WINDOW TAG, REFER TO A900 DRAWINGS
BL11 — BORROWED LIGHT NUMBER, REFER TO A900 DRAWINGS
S1 — STOREFRONT / CURTAINWALL NUMBER, REFER TO A900 DRAWINGS
1 — COLUMN GRID DESIGNATION
1 / W1 / 1 — PARTITION TAG, REFER TO A700 DRAWINGS; HOUR RATING OF PARTITION; ADDITIONAL NOTES FOR PARTITION
1 — REVISION NUMBER
1 — KEY NOTE, NEW WORK
1 — KEY NOTE, DEMOLITION WORK
+0'-0" — ELEVATION TAG
HANDICAPPED ACCESSIBLE ELEMENT OR FIXTURE
ROOM NAME / 101 / WALL FINISH / BASE FINISH / FLOOR FINISH — INTERIOR FINISH TAG, REFER TO AF100 DRAWINGS

DETAIL INDICATOR LEGEND

SECTION INDICATOR — DRAWING SHEET NUMBER SECTION IS DRAWN ON; A100; SECTION NUMBER; DIRECTION OF VIEW

DETAIL INDICATOR (SECTION) — DRAWING SHEET NUMBER SECTION IS DRAWN ON; A100; SECTION NUMBER; DIRECTION OF VIEW

ENLARGED DETAIL INDICATOR — DRAWING AREA REQUIRING DETAIL; A100; DETAIL NUMBER; DRAWING SHEET NUMBER DETAIL IS DRAWN ON

DETAIL TITLE — DETAIL NUMBER 1 FLOOR PLAN A100 1/8" = 1'-0"; DETAIL TYPE / NAME; DRAWING SHEET NUMBER; SCALE

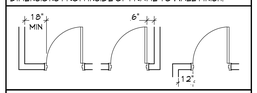
EXTERIOR ELEVATION INDICATOR — DIRECTION OF VIEW; 1 A100; ELEVATION NUMBER; DRAWING SHEET NUMBER DETAIL IS DRAWN ON

INTERIOR ELEVATION INDICATOR — BLANK ARROW INDICATES ELEVATIONS NOT DETAILED; A600; B; A; ELEVATION NUMBER; DRAWING SHEET NUMBER DETAIL IS DRAWN ON; DIRECTION OF VIEWS

PLAN GRAPHICS LEGEND

EXISTING CONSTRUCTION TO REMAIN
EXISTING CONSTRUCTION TO BE REMOVED
NEW CONCRETE MASONRY WALL
NEW METAL STUD WALL
NEW BRICK VENEER
EXISTING DOOR TO REMAIN
EXISTING DOOR TO BE REMOVED
NEW DOOR

FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW UNO. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM INSIDE OF FRAME TO WALL FINISH.



GENERAL NOTES

1. DIMENSIONS ARE GIVEN THUS (UNLESS NOTED OTHERWISE)
   A. TO FACE OF MASONRY WALL
   B. TO FACE OF METAL STUD
   C. TO COLUMN CENTERLINES
   D. TO FINISH FACE OF SOFFIT OR CEILING
   E. FACE OF EXISTING CONSTRUCTION
2. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
3. WALLS ON COLUMN LINES ARE CENTERED, UNO
4. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
5. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
6. ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION
7. ALL WOOD BLOCKING WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED
8. ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND /OR FIRE STOPPED. COORDINATE WITH M' DWGS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
9. FOR INTERIOR PARTITION TYPES, REFER TO DRAWING G001
10. FOR FINISH SCHEDULE, REFER TO DRAWING AF001
11. ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
12. PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL WALL REMOVAL AREAS. COORDINATE WITH DEMOLITION DRAWINGS AND SPECIFICATIONS.
13. ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE

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Consultant

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

Project Title

REGISTERED ARCHITECT JOHN M. INTERRANTE 023334 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	NS
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.00
Issued for Bid:	06/13/2025

Sheet Title
SYMBOLS, ABBREVIATIONS, AND PARTITION

Sheet No.
IEYMS G001

CONSTRUCTION DOCUMENTS

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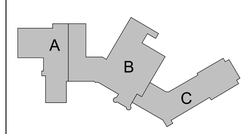
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.



1 OVERALL GROUND FLOOR PLAN
G100 1/16" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
NICHOLAS D. MITCHELL
023944
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	NS
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
OVERALL GROUND FLOOR PLAN

Sheet No.
IEYMS G100

CONSTRUCTION DOCUMENTS

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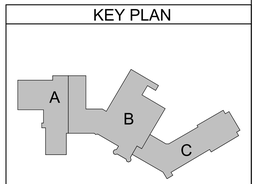
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.



1 G110 OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT JOHN M. INTERRANTE 032344 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	NS
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
OVERALL FIRST FLOOR PLAN

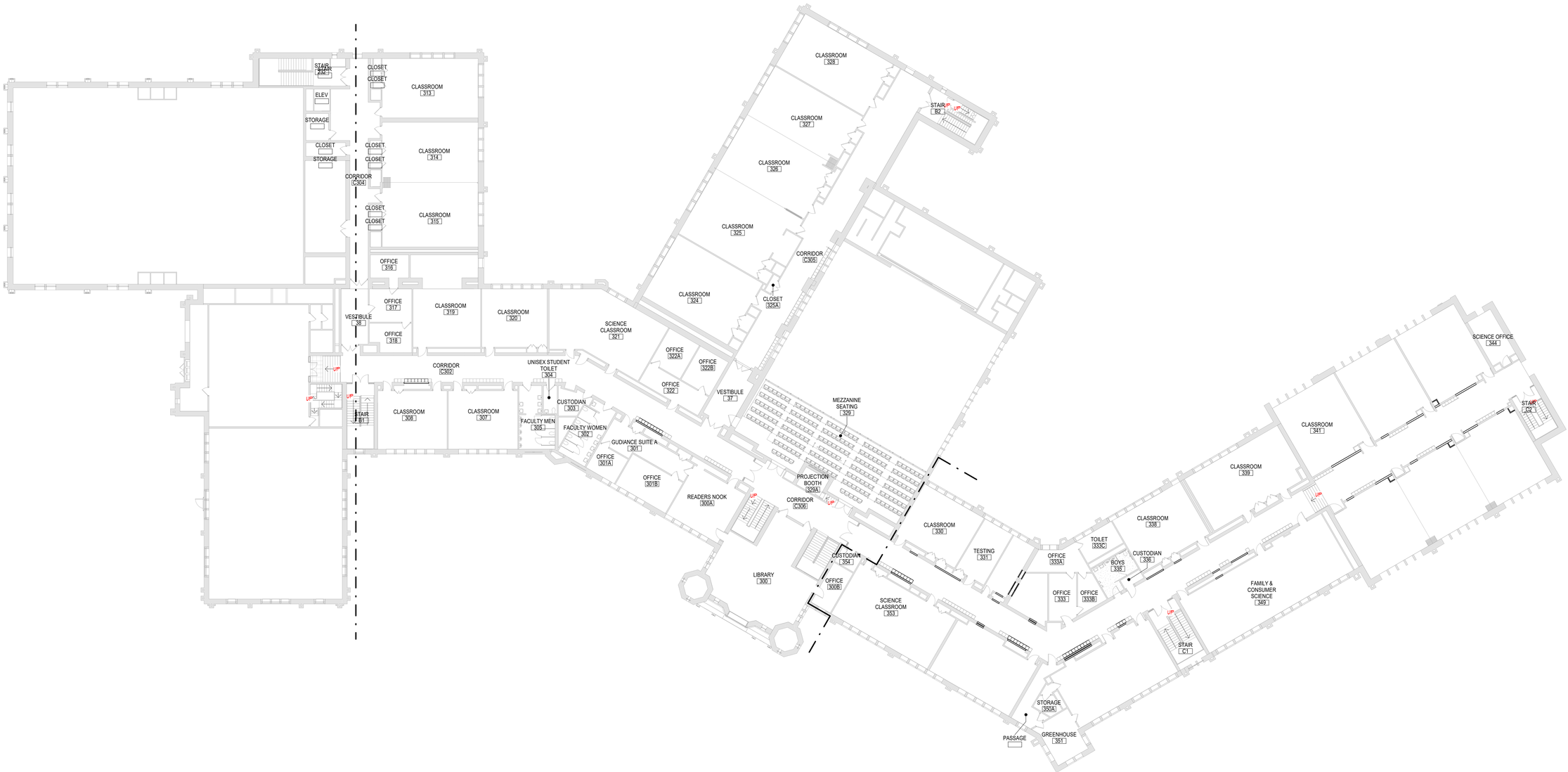
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CONSTRUCTION DOCUMENTS

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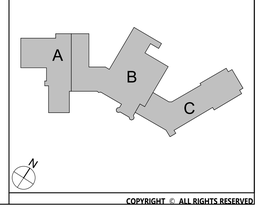
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.



1 OVERALL SECOND FLOOR PLAN
G120 1/16" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
DONALD M. RITZENBERG
033345
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

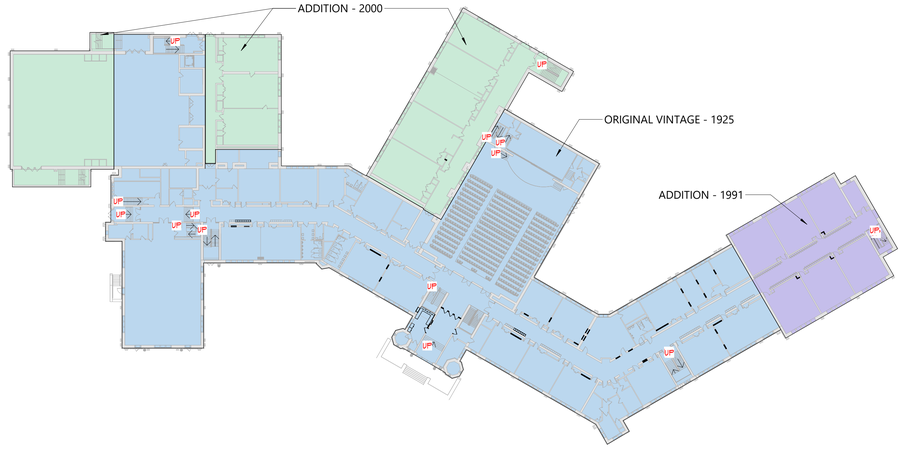
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Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
OVERALL SECOND FLOOR PLAN

Sheet No.
IEYMS G120

CONSTRUCTION DOCUMENTS

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2 IEYMS VINTAGE PLAN
LS100 1" = 40'-0"



1 OVERALL GROUND FLOOR LIFE SAFETY PLAN
LS100 1/16" = 1'-0"

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

Project Title

REGISTERED ARCHITECT — CHRISTOPHER M. SZABO — 023343 — STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

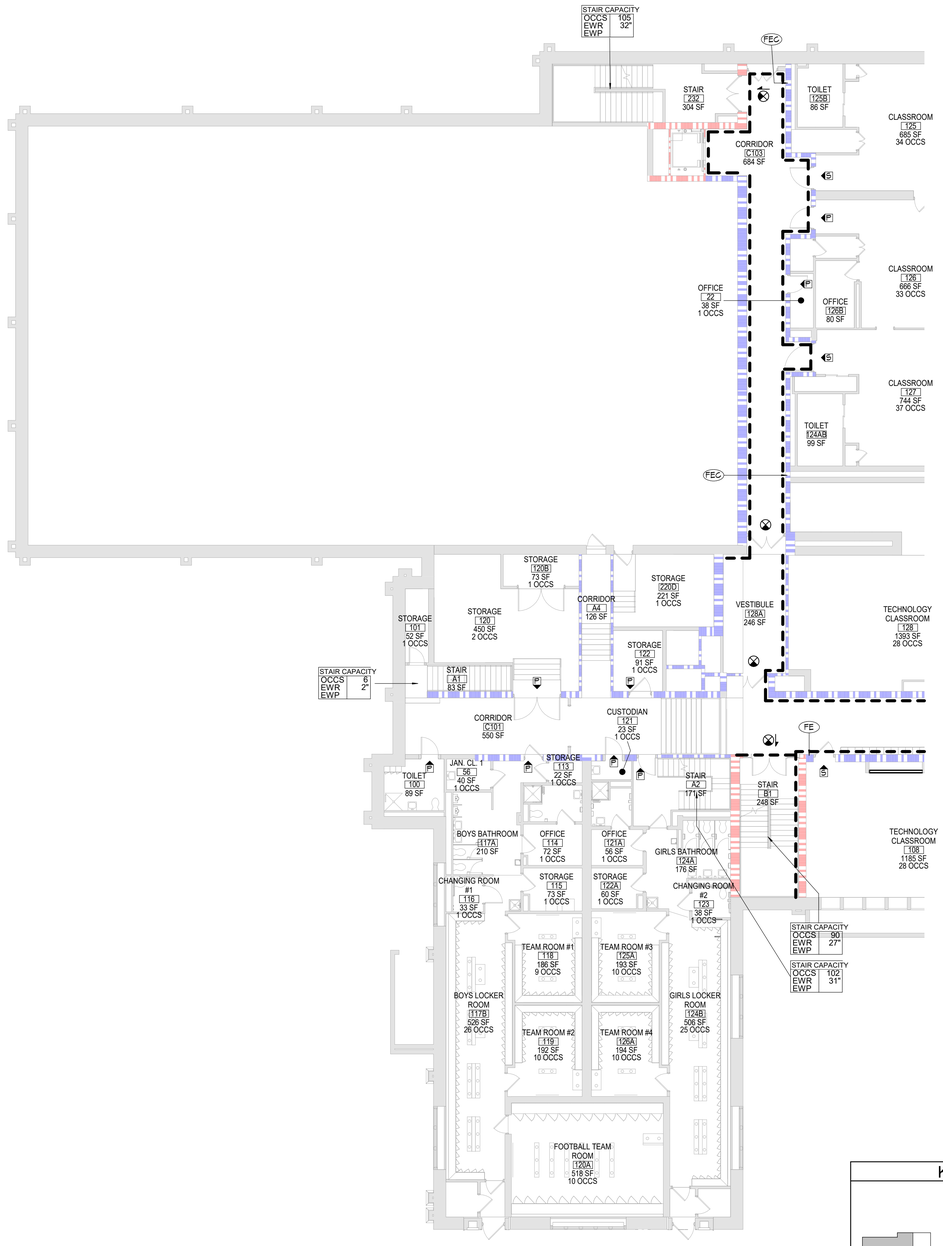
Drawn By:	RC
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
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Issued for Bid:	06/13/2025

Sheet Title
OVERALL GROUND FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS
LS100

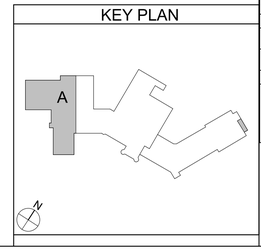
CONSTRUCTION DOCUMENTS

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1 GROUND FLOOR PLAN - AREA A
LS101 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- P — PRIMARY EXIT
- S — SECONDARY EXIT
- W — RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS) — NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- OCCUPANTS 100 | EWR 1 | EWP 1 — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- OCCUPANTS 100 | EWR 1 | EWP 1 — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESE EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA: GROSS	45,042 SF
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	6,904 SF
FIRST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	17,877 SF
FIRST FLOOR AREA:	17,877 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SEGT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

I_f = [F/P - 0.25]W/30
I_f = [100/XX - 0.25] XX/30
I_f = [0.XX] 1.00
I_f = XX%

$A_a = A_t+(NS \times I_f)$
A_a = XXX+(XXX x 0.XX)
A_a = XXX+(XXX)
A_a = XXX sq ft

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845-561-3179 www.csarchpc.com

Consultant

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

REGISTERED ARCHITECT JOHN M. RITZWOLLER 023383 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

Drawn By:	RC
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'A' - PARTIAL GROUND FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS
LS101

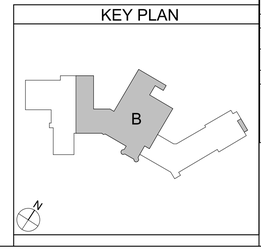
CONSTRUCTION DOCUMENTS

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1 GROUND FLOOR PLAN - AREA B
LS102 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS) NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS # EWR # EWP # — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS # EWR # EWP # — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESF EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA:	45,042 SF
GROSS	
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA:	6,904 SF
GROSS	
FIRST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA:	17,377 SF
GROSS	
FIRST FLOOR AREA:	17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SECT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$
$I_f = [100/XX - 0.25]\ XX/30$
$I_f = [0.XX]\ 1.00$
$I_f = XX\%$

$A_a = A_t+(NS \times I_f)$
$A_a = XXX+(XXX \times 0.XX)$
$A_a = XXX+(XXX)$
$A_a = XXX$ sq ft

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Consultant

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

Project Title

REGISTERED ARCHITECT JOHN M. INTERRANTE 023340 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

Δ	DATE	DESCRIPTION

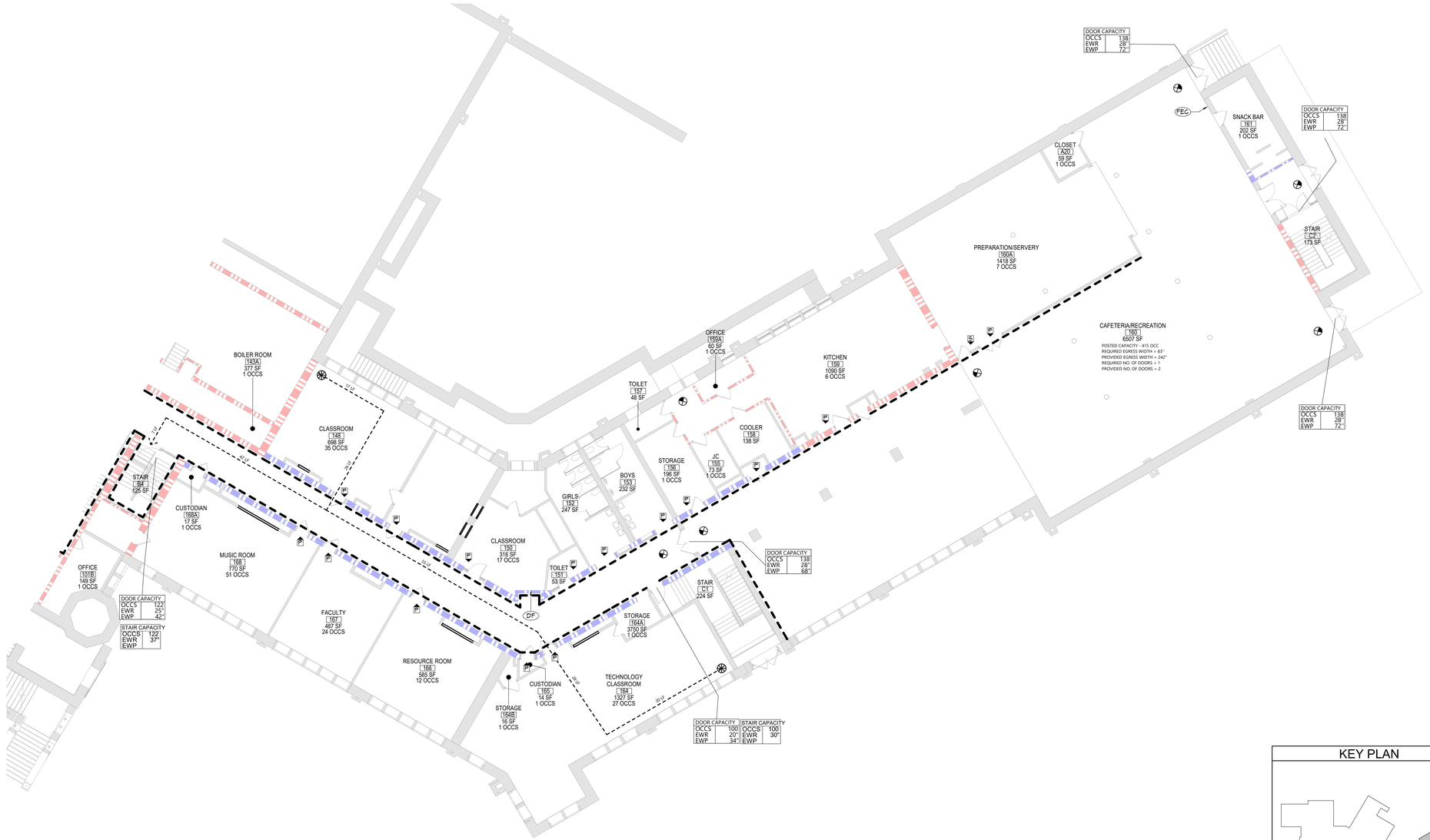
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Sheet Title
AREA 'B' - PARTIAL GROUND FLOOR LIFE SAFETY PLAN

Sheet No.
LEYMS LS102

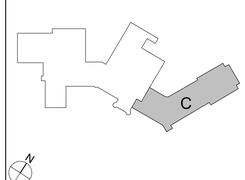
CONSTRUCTION DOCUMENTS

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1 GROUND FLOOR PLAN - AREA C
LS103 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS) — NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS # EWR # EWP # — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS # EWR # EWP # — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESE EMERGENCY EYE/WASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA: GROSS	45,042 SF
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	6,904 SF
FIRST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	17,377 SF
FIRST FLOOR AREA:	17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SECT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	x.xx
60-MINUTE RAINFALL	x.xx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
w_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

I_f = [F/P - 0.25]W/30
I_f = [100/XX - 0.25] XX/30
I_f = [0.XX] 1.00
I_f = XX%

$A_a = A_t + (NS \times I_f)$
A_a = XXX+(XXX x 0.XX)
A_a = XXX+(XXX)
A_a = XXX sq ft

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CSARCH

Consultant

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

Project Title

REGISTERED ARCHITECT
DENNIS M. INTERRANTE
033345
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	RC
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA C' - PARTIAL GROUND FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS LS103

CONSTRUCTION DOCUMENTS

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1 OVERALL FIRST FLOOR LIFE SAFETY PLAN
LS110 1/16" = 1'-0"

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CSARCH

Consultant

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

Project Title

REGISTERED ARCHITECT
DONNA M. INTERRANTE
033345
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	RC
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
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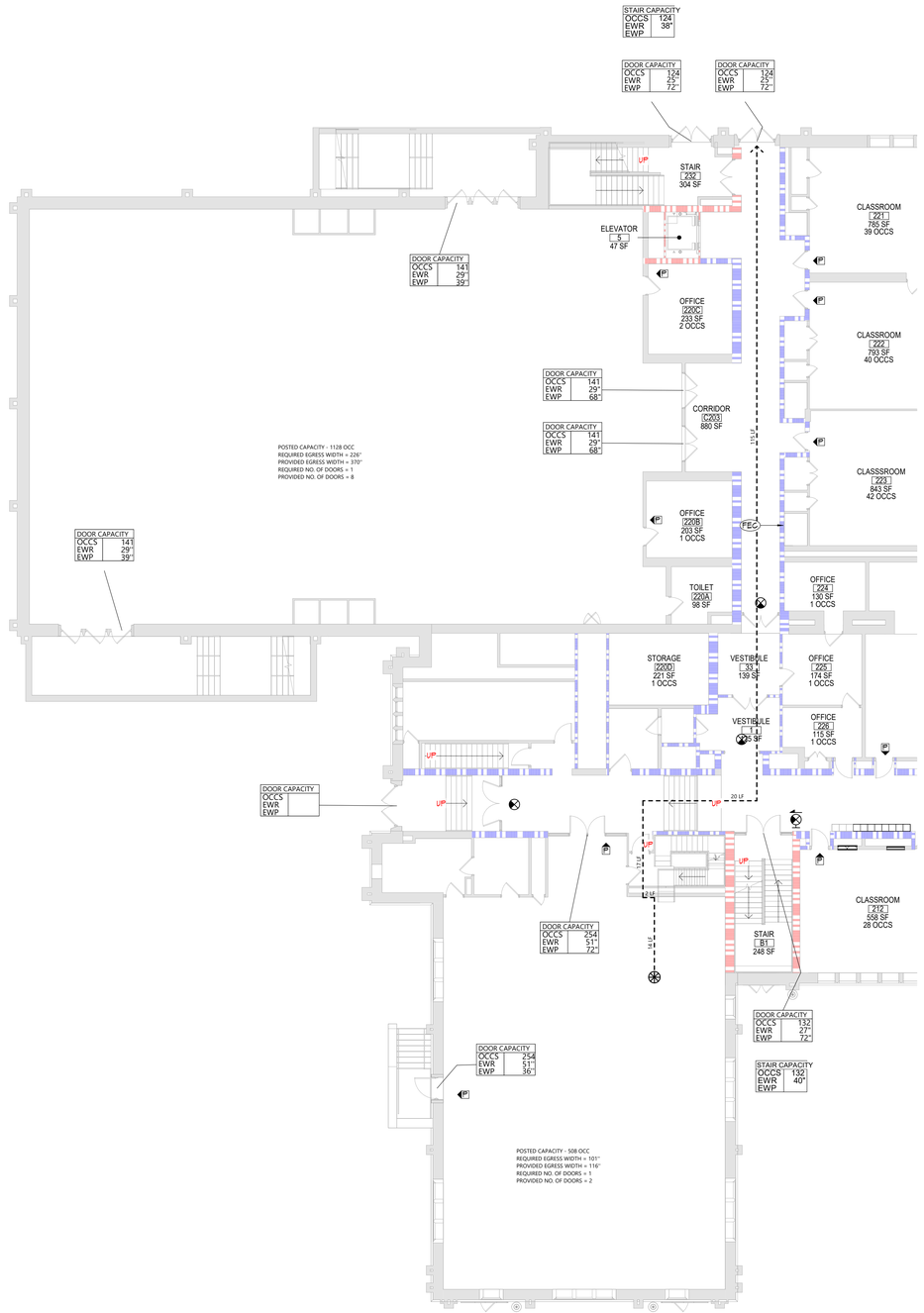
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OVERALL FIRST FLOOR LIFE SAFETY PLAN

Sheet No.

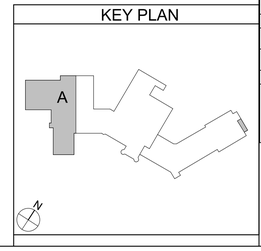
IEYMS
LS110

CONSTRUCTION DOCUMENTS



1 FIRST FLOOR PLAN - AREA A
LS111 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS / (## OCCS): NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS # EWR # EWP #: REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS # EWR # EWP #: REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESE EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA: GROSS	45,042 SF
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	6,904 SF
FIRST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	17,377 SF
FIRST FLOOR AREA:	17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SEGT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)	
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)	
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)	
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING	
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE	
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2	
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL	
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL	
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE	
P	PERIMETER OF ENTIRE BUILDING (FEET)	

I_f = [F/P - 0.25]W/30
I_f = [100/XX - 0.25] XX/30
I_f = [0.XX] 1.00
I_f = XX%

$A_a = A_t+(NS \times I_f)$
A_a = XXX+(XXX x 0.XX)
A_a = XXX+(XXX)
A_a = XXX sq ft

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Consultant

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

Project Title

REGISTERED ARCHITECT JOHN M WITKOWSKI 023383 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

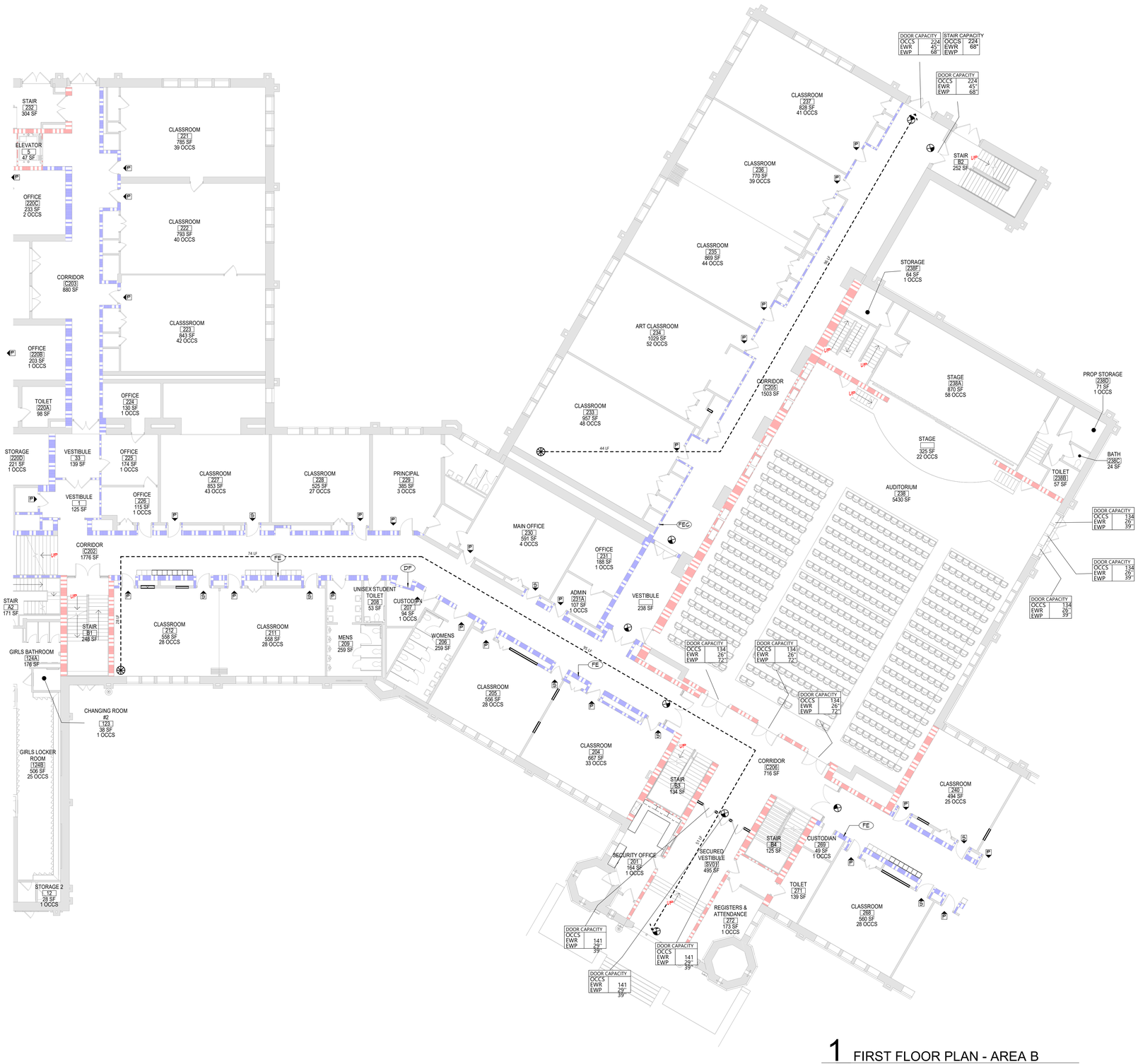
Drawn By:	RC
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Issued for Bid:	06/13/2025

Sheet Title
AREA 'A' - PARTIAL FIRST FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS LS111

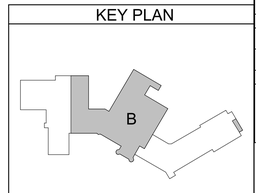
CONSTRUCTION DOCUMENTS

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1 FIRST FLOOR PLAN - AREA B
LS112 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS) NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS ## EWR ## EWP ## — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS ## EWR ## EWP ## — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESE EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA:	45,042 SF
GROSS	
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA:	6,404 SF
GROSS	
FIRST FLOOR AREA:	6,404 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA:	17,877 SF
GROSS	
FIRST FLOOR AREA:	17,877 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SECT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

I_f = [F/P - 0.25]W/30
I_f = [100/XX - 0.25] XX/30
I_f = [0.XX] 1.00
I_f = XX%

A_a = A_t+(NS x I_f)
A_a = XXX+(XXX x 0.XX)
A_a = XXX+(XXX)
A_a = XXX sq ft

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Consultant

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

Project Title

REGISTERED ARCHITECT JOHN M. RITZENTHALER 022315 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

Drawn By:	RC
Checked By:	MZ
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Sheet Title
AREA 'B' - PARTIAL FIRST FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS LS112

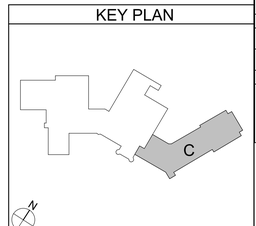
CONSTRUCTION DOCUMENTS

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1 FIRST FLOOR PLAN - AREA C
LS113 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS): NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS # / EWR # / EWP #: REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS # / EWR #: REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESE EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA: GROSS	45,042 SF
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	6,904 SF
FIRST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	17,377 SF
FIRST FLOOR AREA:	17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SECT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	x.xx
60-MINUTE RAINFALL	x.xx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
w_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$
$I_f = [100/XX - 0.25] XX/30$
$I_f = [0.XX] 1.00$
$I_f = XX\%$

$A_a = A_t+(NS \times I_f)$
$A_a = XXX+(XXX \times 0.XX)$
$A_a = XXX+(XXX)$
$A_a = XXX$ sq ft

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

Project Title

REGISTERED ARCHITECT DONALD M. PATTERSON 033345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	RC
Checked By:	MZ
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CSArch Proj. #:	188-2301.02
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Sheet Title
AREA 'C' - PARTIAL FIRST FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS
LS113

CONSTRUCTION DOCUMENTS

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1 OVERALL SECOND FLOOR LIFE SAFETY PLAN
LS120 1/16" = 1'-0"

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Project Title

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

REGISTERED ARCHITECT
JOHN M. RITZENTHALER
043345
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

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CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title

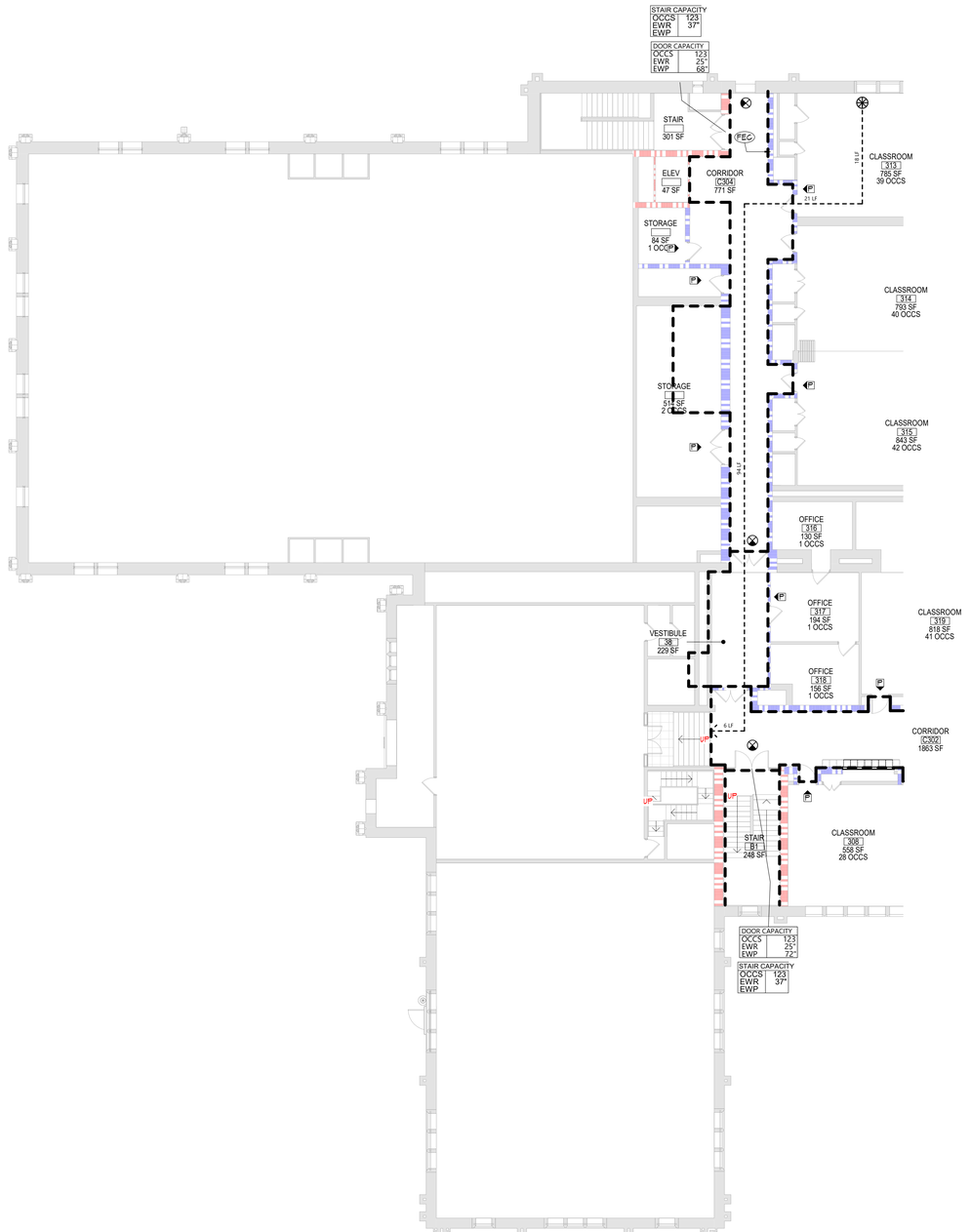
OVERALL SECOND FLOOR LIFE SAFETY PLAN

Sheet No.

IEYMS
LS120

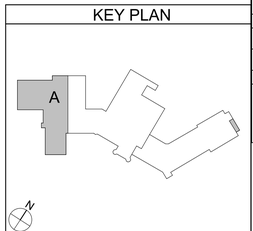
CONSTRUCTION DOCUMENTS

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1 SECOND FLOOR PLAN - AREA A
LS121 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS) — NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS # EWR # EWP # — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS # EWR # EWP # — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESE EMERGENCY EYE/WASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA: GROSS	45,042 SF
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	6,904 SF
FIRST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	17,377 SF
FIRST FLOOR AREA:	17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SECT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

I_f = [F/P - 0.25]W/30
I_f = [100/XX - 0.25] XX/30
I_f = [0.XX] 1.00
I_f = XX%

$A_a = A_t+(NS \times I_f)$
A_a = XXX+(XXX x 0.XX)
A_a = XXX+(XXX)
A_a = XXX sq ft

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

Project Title

REGISTERED ARCHITECT JOHN M. RITZWOLLER 023151 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

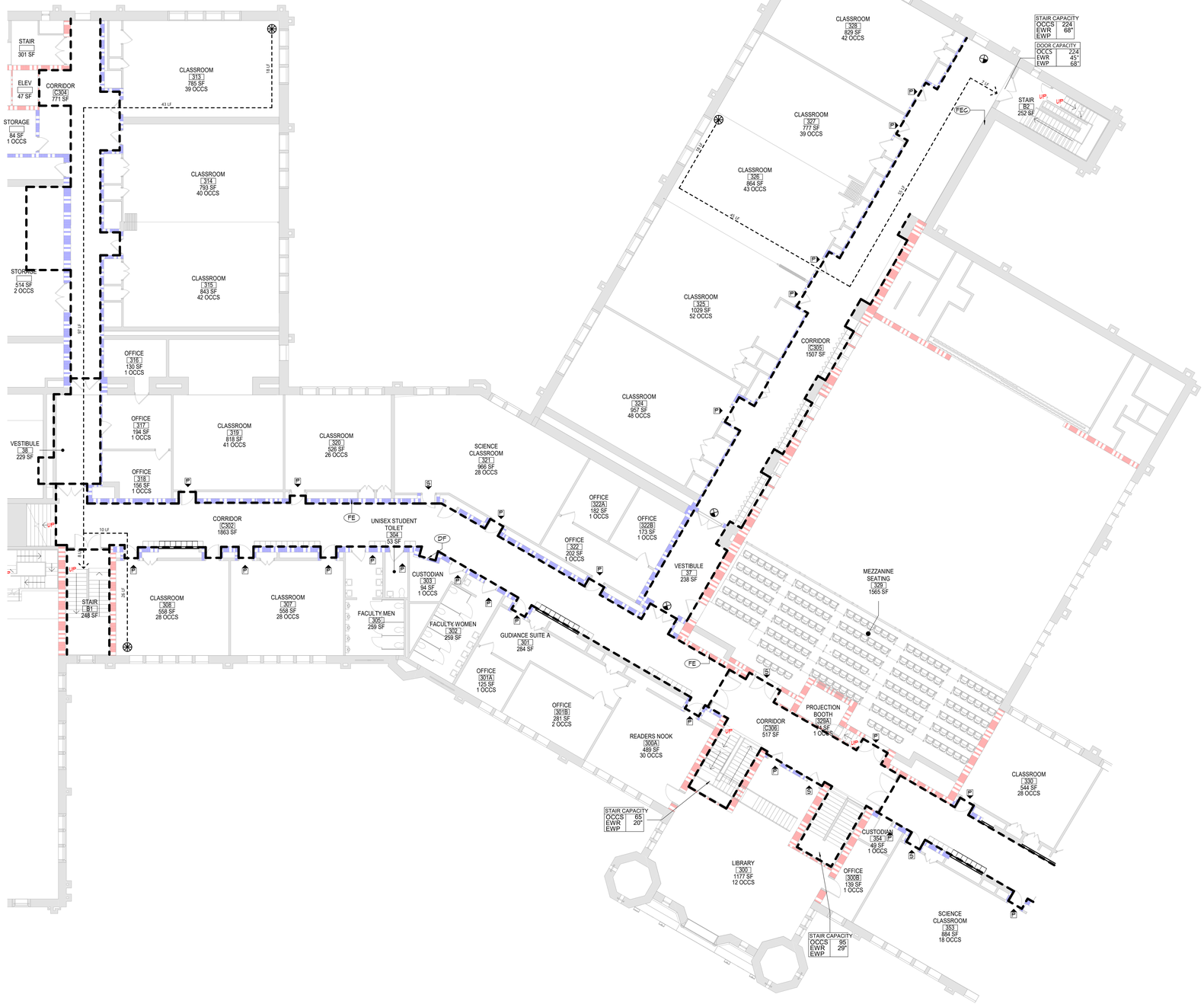
Drawn By:	RC
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'A' - PARTIAL SECOND FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS
LS121

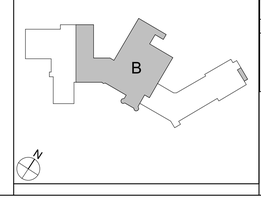
CONSTRUCTION DOCUMENTS

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1 SECOND FLOOR PLAN - AREA B
LS122 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- P — PRIMARY EXIT
- S — SECONDARY EXIT
- W — RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- (## OCCS) / (## OCCS) — NUMBER OF OCCUPANTS PER TABLE 1004.1.2 / (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS # EWP # — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS # EWP # — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED — AUTOMATED EXTERNAL DEFIBRILLATOR
- DF — DRINKING FOUNTAIN
- ESE — EMERGENCY EYEWASH STATION
- FE — FIRE EXTINGUISHER, WALL MOUNT
- FEC — FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION: 1925
CONSTRUCTION TYPE: IB
GROUND FLOOR AREA: 45,042 SF
GROSS
FIRST FLOOR AREA: 45,042 SF

ADDITION CONSTRUCTION: 1991
CONSTRUCTION TYPE: IB
BASEMENT AREA: 6,904 SF
GROSS
FIRST FLOOR AREA: 6,904 SF

ADDITION CONSTRUCTION: 2000
CONSTRUCTION TYPE: IB
BASEMENT AREA: 17,377 SF
GROSS
FIRST FLOOR AREA: 17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SEGT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

$I_f = [F/P - 0.25]W/30$
$I_f = [100/XX - 0.25]\ XX/30$
$I_f = [0.XX]\ 1.00$
$I_f = XX\%$

$A_a = A_t + (NS \times I_f)$
$A_a = XXX + (XXX \times 0.XX)$
$A_a = XXX + (XXX)$
$A_a = XXX$ sq ft

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Consultant

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

REGISTERED ARCHITECT JOHN M. RITZWOLLER 023315 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

Δ	DATE	DESCRIPTION

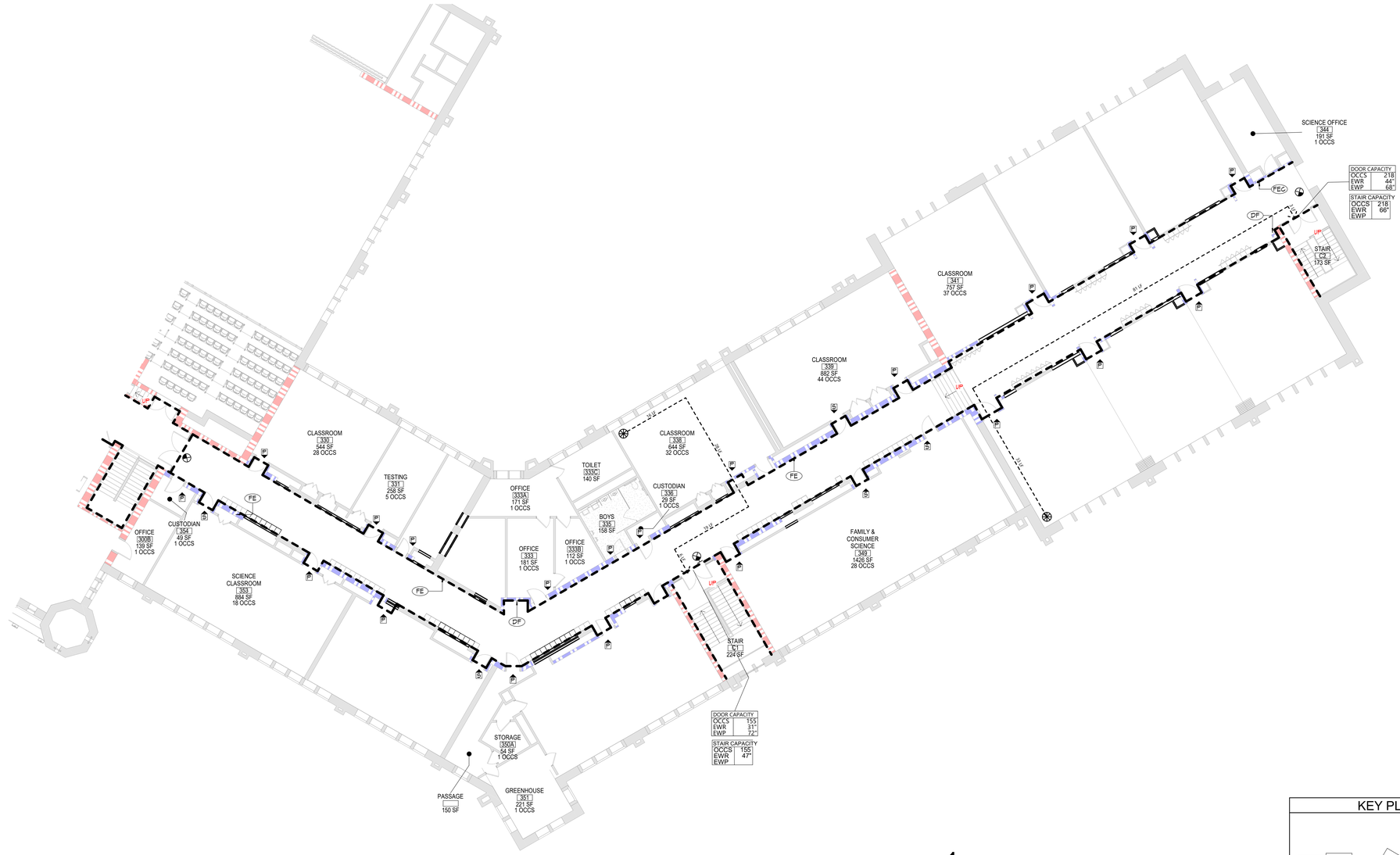
Drawn By:	RC
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Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'B' - PARTIAL SECOND FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS LS122

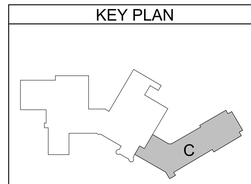
CONSTRUCTION DOCUMENTS

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1 SECOND FLOOR PLAN - AREA C
LS123 3/32" = 1'-0"

KEY PLAN



LIFE SAFETY PLAN LEGEND

- P — PRIMARY EXIT
- S — SECONDARY EXIT
- W — RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS) — NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- DOOR CAPACITY OCCS ## EWR ## EWP ## — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- STAIR CAPACITY OCCS ## EWR ## EWP ## — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESE EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA: GROSS	45,042 SF
FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	6,904 SF
FIRST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	17,377 SF
FIRST FLOOR AREA:	17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SEGT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)	
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)	
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)	
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING	
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE	
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2	
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL	
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL	
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE	
P	PERIMETER OF ENTIRE BUILDING (FEET)	

I_f = [F/P - 0.25]W/30
I_f = [100/XX - 0.25] XX/30
I_f = [0.XX] 1.00
I_f = XX%

$A_a = A_t+(NS \times I_f)$
A_a = XXX+(XXX x 0.XX)
A_a = XXX+(XXX)
A_a = XXX sq ft

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

Project Title

NEW YORK STATE REGISTERED ARCHITECT JOHN M. RITZWOLLER 032315 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

Δ	DATE	DISCRIPTION

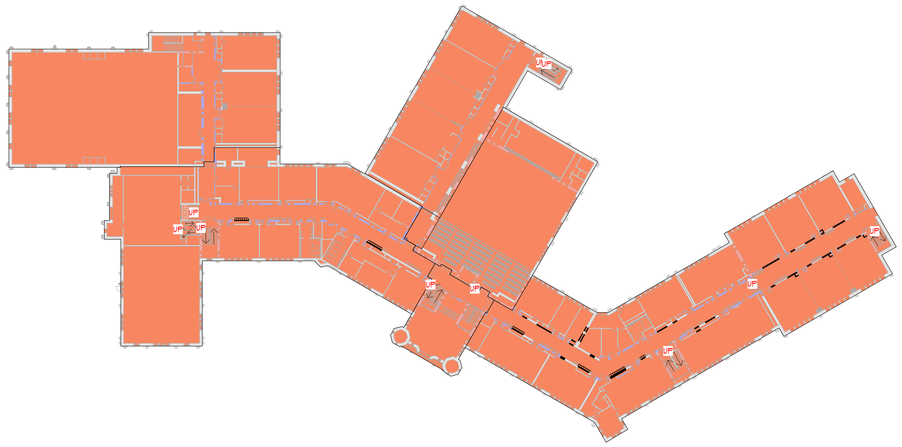
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Checked By:	MZ
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CSArch Proj. #:	188-2301.02
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Sheet Title
AREA 'C' - PARTIAL SECOND FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS LS123

CONSTRUCTION DOCUMENTS

C:\Users\rzolluria\Documents\188-2301_ISAAC_E_YOUNG_MS_rzolluriaXVARE.rvt



6 SECOND FLOOR LIFE FIRE AREA PLAN
LS124 1" = 40'-0"



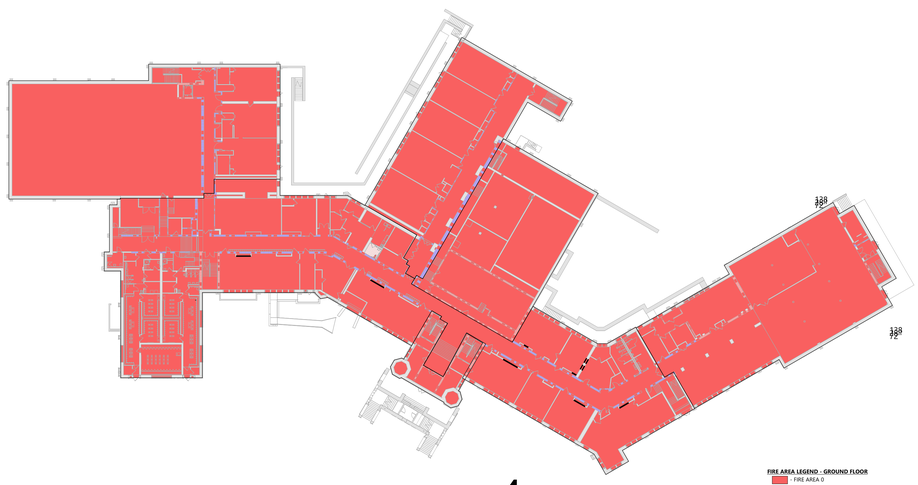
3 SECOND FLOOR SMOKE ZONE PLAN
LS124 1" = 40'-0"



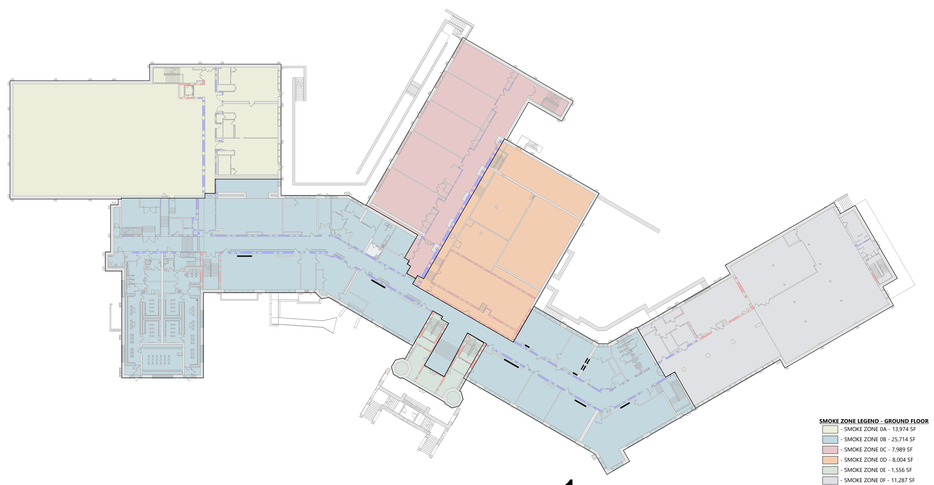
5 OVERALL FIRST FLOOR FIRE AREA PLAN
LS124 1" = 40'-0"



2 FIRST FLOOR SMOKE ZONE PLAN
LS124 1" = 40'-0"



4 OVERALL GROUND FLOOR FIRE AREA PLAN
LS124 1" = 40'-0"



1 GROUND FLOOR SMOKE ZONE PLAN
LS124 1" = 40'-0"

LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- ## OCCS (## OCCS) — NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- EGRESS WIDTH: DOOR: ## LVVF: ## — REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- EGRESS WIDTH: STAIR: ## LVVF: ## — REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL (START - END)
- EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
- EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHADING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- EEF EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMUNICATING MECHANICAL AIR BETWEEN CORRIDOR AND ADJACENT SPACES.

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE PARTITION
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE WALL

CODE NARRATIVE:

ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IB
GROUND FLOOR AREA: GROSS	45,092 SF
FIRST FLOOR AREA:	45,092 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	6,409 SF
FIRST FLOOR AREA:	6,409 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IB
BASEMENT AREA: GROSS	17,377 SF
FIRST FLOOR AREA:	17,377 SF

CLASSIFICATION OF:

- LEVEL 1 ALTERATION xxx SF
- LEVEL 2 ALTERATION xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SECT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUISNESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS,	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	III
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xx.x
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A_a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
A_t	TABULAR ALLOWABLE AREA FACTOR (NS,S1,S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
I_f	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
S_a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
L_n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_n	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL
F	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
P	PERIMETER OF ENTIRE BUILDING (FEET)

I_f = [F/P - 0.25]W/30
I_f = [100/XX - 0.25] XX/30
I_f = [0.XX] 1.00
I_f = XX%

A_a = A_t + (NS x I_f)
A_a = XXX+(XXX x 0.XX)
A_a = XXX+(XXX)
A_a = XXX sq ft

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Consultant

Project Title

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

REGISTERED ARCHITECT — JOHN M. WITKOWSKI — 023351 — STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

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Issued for Bid:	06/13/2025

Sheet Title

LIFE SAFETY DIAGRAM

Sheet No.

IEYMS
LS124

CONSTRUCTION DOCUMENTS

C:\Users\rcollura\Documents\188-2301_ISAAC_E_YOUNG_MS_rcolluraXVARE.rvt



2 TYP. DEMOLITION INTERIOR ELEVATION
AD105 1/4" = 1'-0"

1 AREA 'B' GROUND DEMOLITION PLAN -
AD105 3/32" = 1'-0"

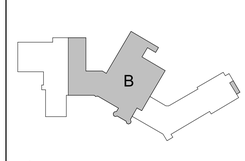
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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

Project Title

REGISTERED ARCHITECT — DONALD M. RITZENBERG — 023343 — STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

NO.	DATE	DISCRIPTION

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Checked By:	MZ
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CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'B' - PARTIAL GROUND FLOOR DEMO PLAN

Sheet No.
IEYMS AD105

CONSTRUCTION DOCUMENTS

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GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

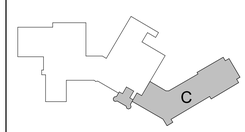
KEYNOTES

#	DESCRIPTION
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.



1 AREA 'C' GROUND DEMOLITION PLAN
AD106 3/32" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
NICHOLAS SCOTT PETRUZZELLI
023344
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

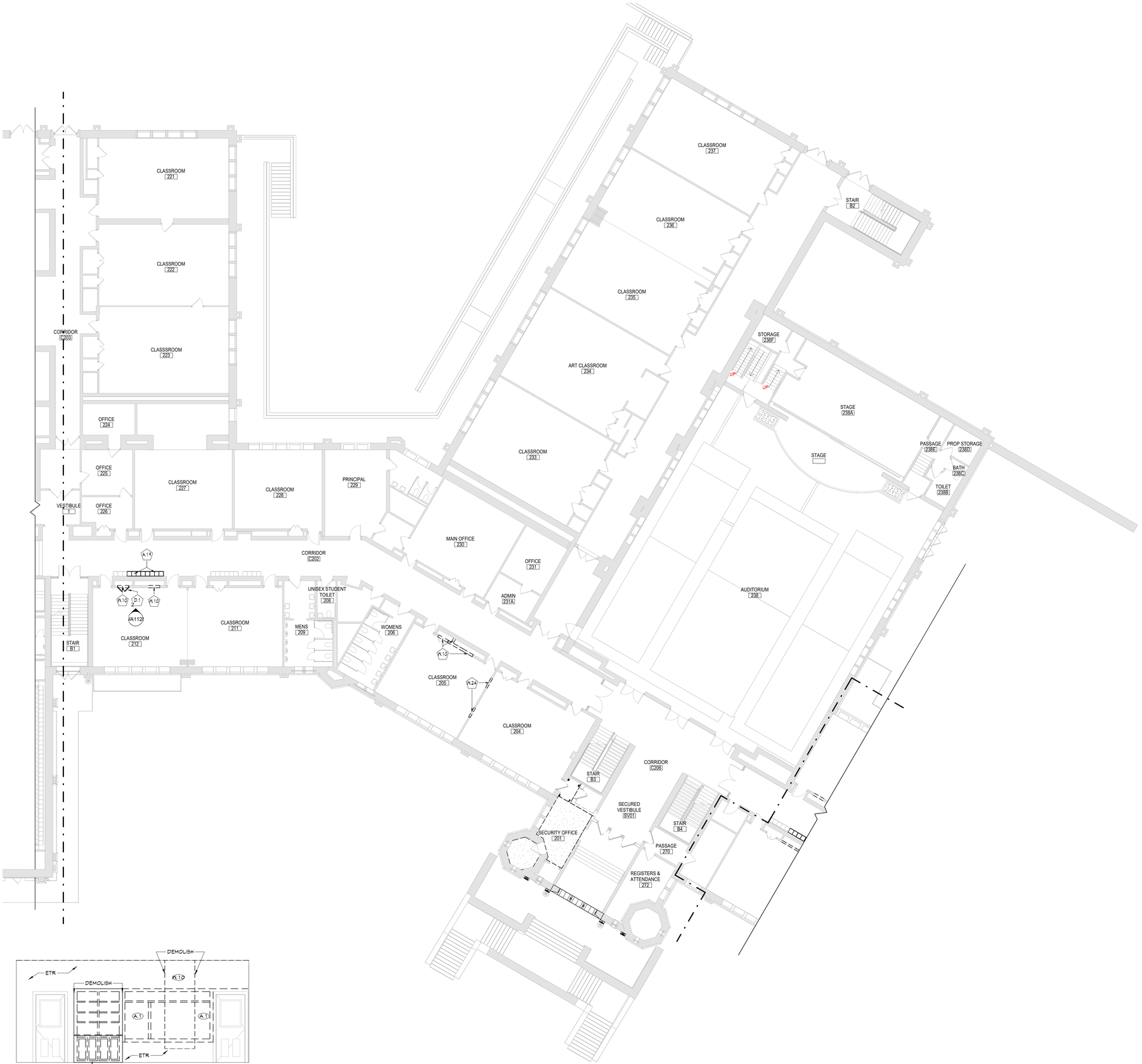
Drawn By:	NS
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
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Sheet Title
AREA 'C' - PARTIAL GROUND FLOOR DEMO PLAN

Sheet No.
IEYMS AD106

CONSTRUCTION DOCUMENTS

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3 TYP. CABINET DEMO ELEVATION
AD112 1/4" = 1'-0"

1 AREA 'B' FIRST FLOOR DEMOLITION PLAN
AD112 3/32" = 1'-0"

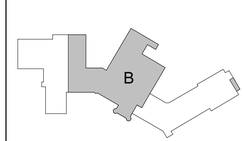
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
A.1	REMOVE WALL MOUNTED EQUIPMENT, INCLUDING BUT NOT LIMITED TO ALL WHITEBOARDS, CHALKBOARDS, TACKBOARDS, MAILBOXES, PROJECTION SCREENS, AND MAP ROLLS. PATCH REMOVAL CONSTUCTION AREAS AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
A.2	REMOVE CASEWORK IN ITS ENTIRETY, INCLUDING ALL BLOCKING, FASTENERS, AND BASE. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL REMOVALS.
A.19	REMOVE AND SALVAGE EXISTING LOCKERS TO BE REINSTALLED.
D.1	REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.
W.24	REMOVE PORTION OF PARTITION CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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

REGISTERED ARCHITECT THOMAS M. RITZENTHALER 033345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

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Sheet Title
AREA 'B' - PARTIAL FIRST FLOOR DEMO PLAN

Sheet No.
IEYMS
AD112

CONSTRUCTION DOCUMENTS

C:\Users\rcollura\Documents\188-2301_ISAAC_E_YOUNG_MS_rcolluraXYARE.rvt



1 AREA 'C' FIRST FLOOR DEMOLITION PLAN - AD116 3/32" = 1'-0"

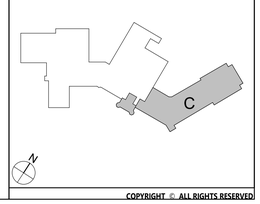
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
A.19	REMOVE AND SALVAGE EXISTING LOCKERS TO BE REINSTALLED.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.
W.24	REMOVE PORTION OF PARTITION CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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CSARCH

Consultant

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

Project Title

REGISTERED ARCHITECT DONALD M. INTERRANTE 033345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title

AREA 'C' - PARTIAL FIRST FLOOR DEMO PLAN

Sheet No.

IEYMS AD116

CONSTRUCTION DOCUMENTS

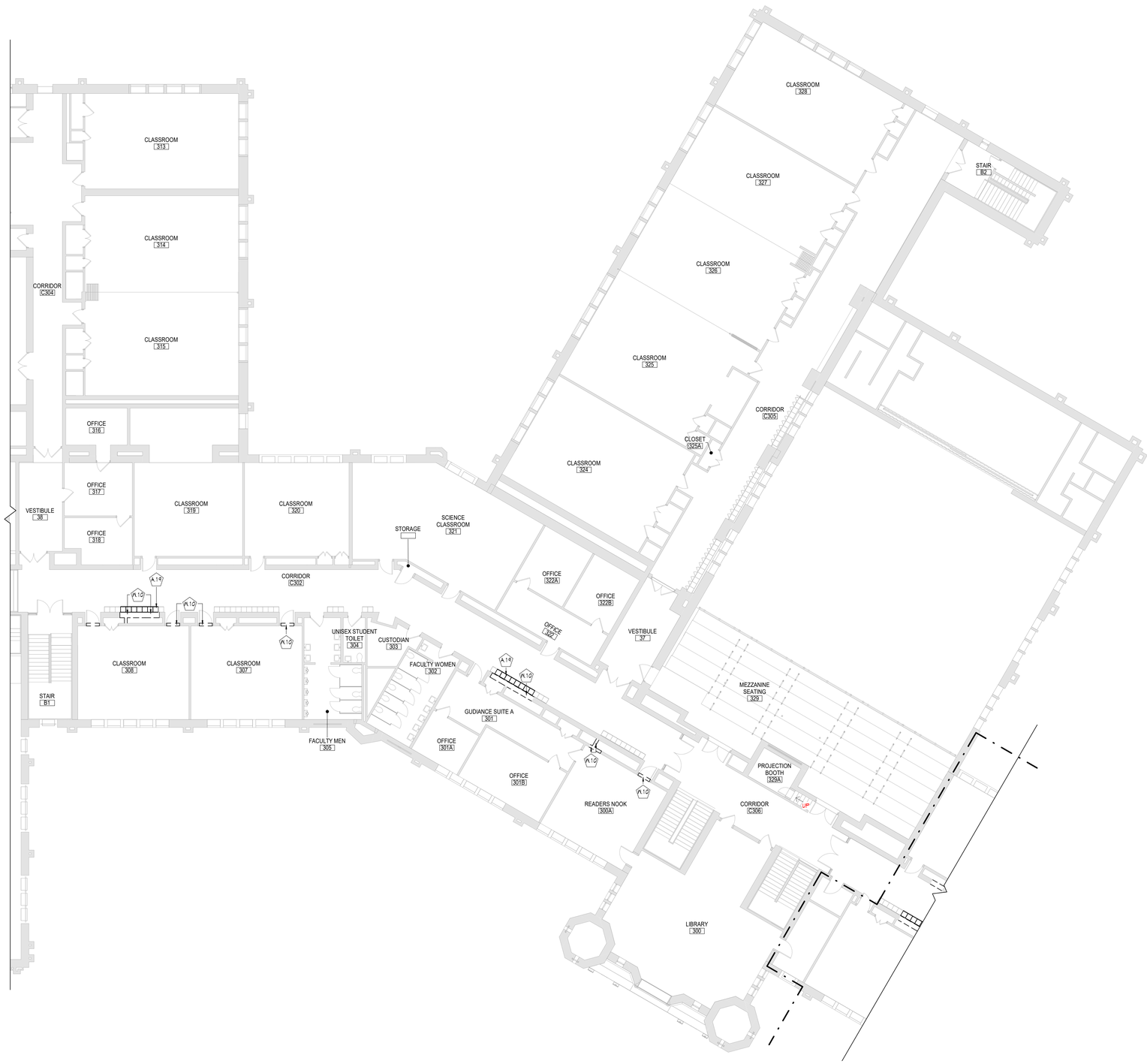
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GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

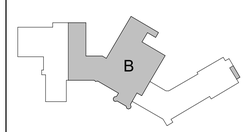
KEYNOTES

#	DESCRIPTION
A.19	REMOVE AND SALVAGE EXISTING LOCKERS TO BE REINSTALLED.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.



1 AREA 'B' SECOND FLOOR DEMOLITION PLAN - AD125 3/32" = 1'-0"

KEY PLAN



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

REGISTERED ARCHITECT JOSEPH M. CSORBA 033944 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

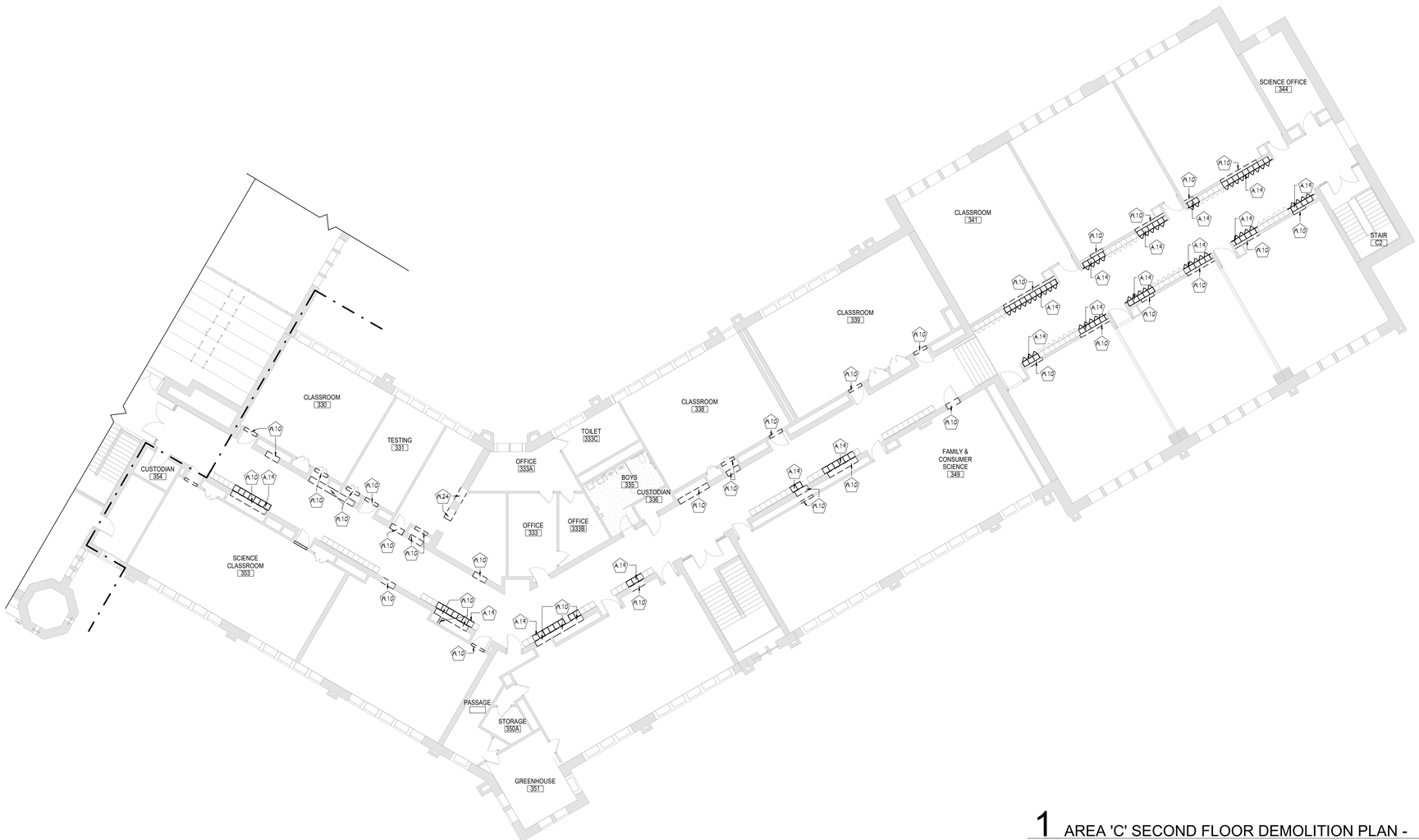
Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'B' - PARTIAL SECOND FLOOR DEMO PLAN

Sheet No.
AD125

CONSTRUCTION DOCUMENTS

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1 AREA 'C' SECOND FLOOR DEMOLITION PLAN - AD126 3/32" = 1'-0"

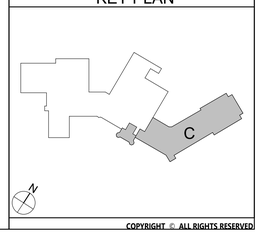
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
A.19	REMOVE AND SALVAGE EXISTING LOCKERS TO BE REINSTALLED.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.
W.24	REMOVE PORTION OF PARTITION CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
DANIEL M. INTERRANTE
033345
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

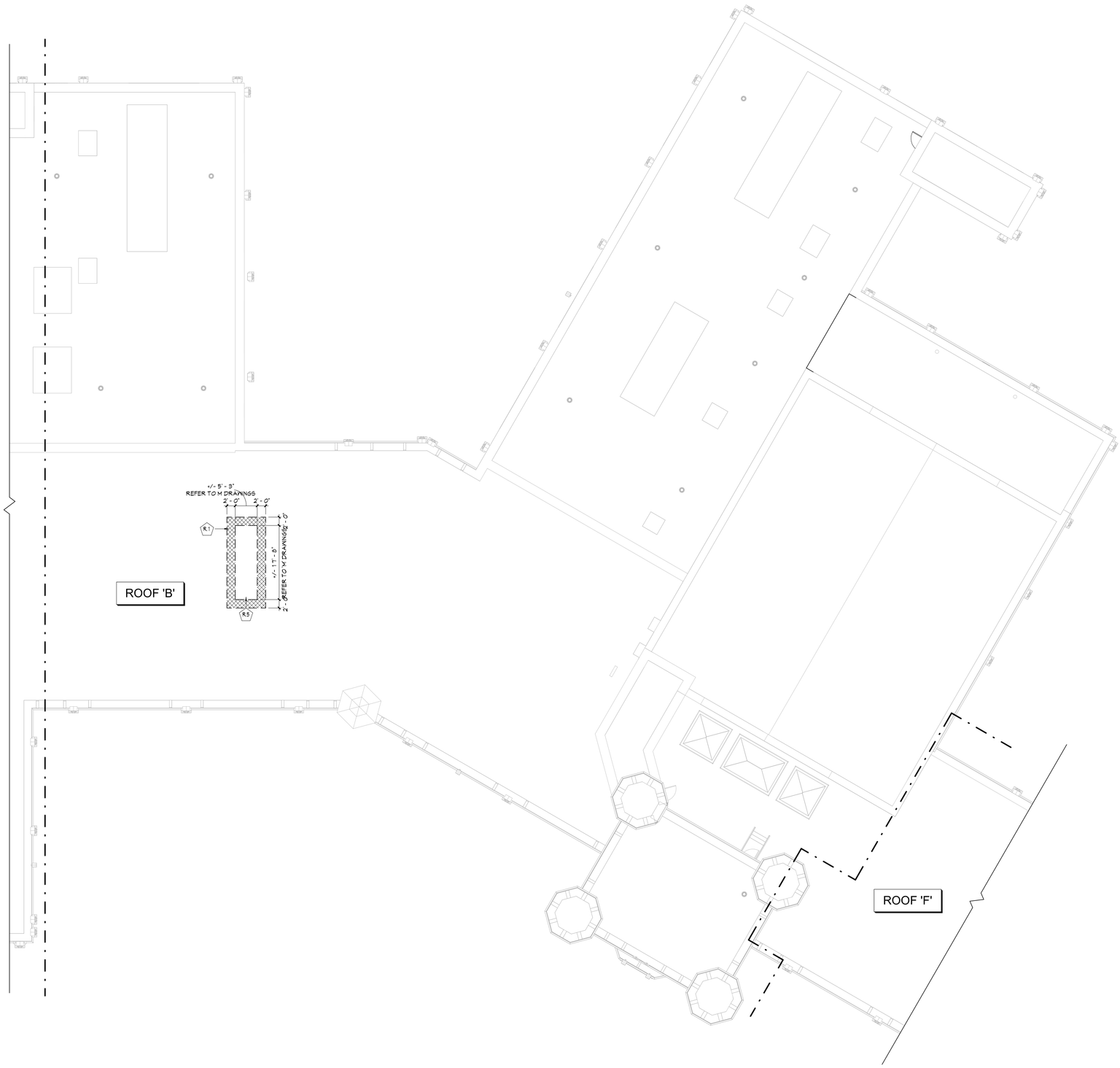
Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'C' - PARTIAL SECOND FLOOR DEMO PLAN

Sheet No.
IEYMS AD126

CONSTRUCTION DOCUMENTS

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1 AREA 'B - ROOF DEMO PLAN
AD402 3/32" = 1'-0"

DEMOLITION GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS OR ROOF (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REMOVE EXISTING ROOF MATERIAL AND INSULATION DOWN TO EXISTING ROOF DECK, UNO
6. EXISTING CURBS, VENTS, AND OTHER PENETRATION SIZES AND LOCATIONS ARE APPROXIMAT. CONTRACTOR SHALL VERIFY IN FIELD AND COORDINATE AS REQUIRED PRIOR TO BID.
7. COORDINATE WITH ABATEMENT DRAWINGS.
8. COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.

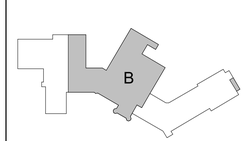
ROOF LEGEND

R	ROOF DRAIN
CU	CONDENSING UNIT
E	EXHAUST FAN
R	ROOF HOOD
	EXISTING ROOFING TO BE REMOVED

KEYNOTES

#	DESCRIPTION
R.1	REMOVE ENTIRE ROOF ASSEMBLY TO DECK BELOW, PREP SLAB FOR NEW ROOF ASSEMBLY, COORDINATE WITH NEW WORK.
R.5	REMOVE PORTION OF EXISTING ROOF SYSTEM INCLUDING ROOF DECKING TO PROVIDE A NEW ROOF OPENING TO ACCOMMODATE MECHANICAL WORK. REFER TO MEP DRAWINGS.

KEY PLAN



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Consultant

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

Project Title

REGISTERED ARCHITECT
DONALD M. RITZENBERG
023343
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 03/28/2025

NO.	DATE	DESCRIPTION

Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'B' - PARTIAL ROOF DEMOLITION PLAN

Sheet No.
IEYMS
AD402

CONSTRUCTION DOCUMENTS

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DEMOLITION GENERAL NOTES

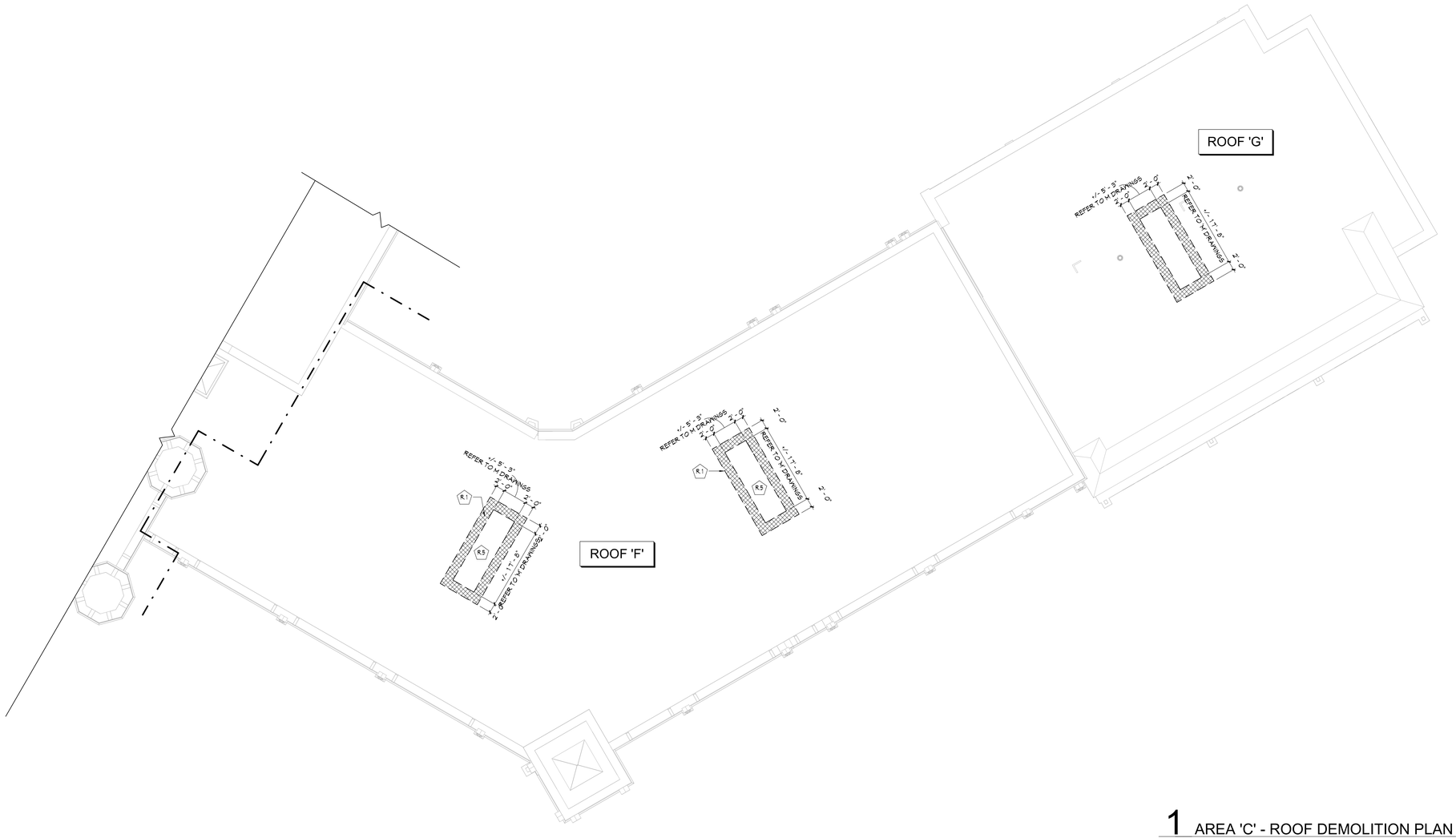
1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS OR ROOF (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REMOVE EXISTING ROOF MATERIAL AND INSULATION DOWN TO EXISTING ROOF DECK, UNO
6. EXISTING CURBS, VENTS, AND OTHER PENETRATION SIZES AND LOCATIONS ARE APPROXIMAT. CONTRACTOR SHALL VERIFY IN FIELD AND COORDINATE AS REQUIRED PRIOR TO BID.
7. COORDINATE WITH ABATEMENT DRAWINGS.
8. COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.

ROOF LEGEND

R	ROOF DRAIN
CU	CONDENSING UNIT
E	EXHAUST FAN
R	ROOF HOOD
	EXISTING ROOFING TO BE REMOVED

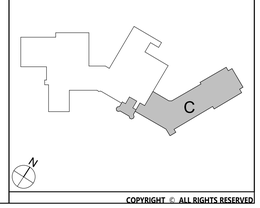
KEYNOTES

#	DESCRIPTION
R.1	REMOVE ENTIRE ROOF ASSEMBLY TO DECK BELOW, PREP SLAB FOR NEW ROOF ASSEMBLY, COORDINATE WITH NEW WORK.
R.5	REMOVE PORTION OF EXISTING ROOF SYSTEM INCLUDING ROOF DECKING TO PROVIDE A NEW ROOF OPENING TO ACCOMMODATE MECHANICAL WORK. REFER TO MEP DRAWINGS.



1 AREA 'C' - ROOF DEMOLITION PLAN
AD403 3/32" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
DONALD M. RITZENBERG
023343
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 03/28/2025

NO.	DATE	DISCRIPTION

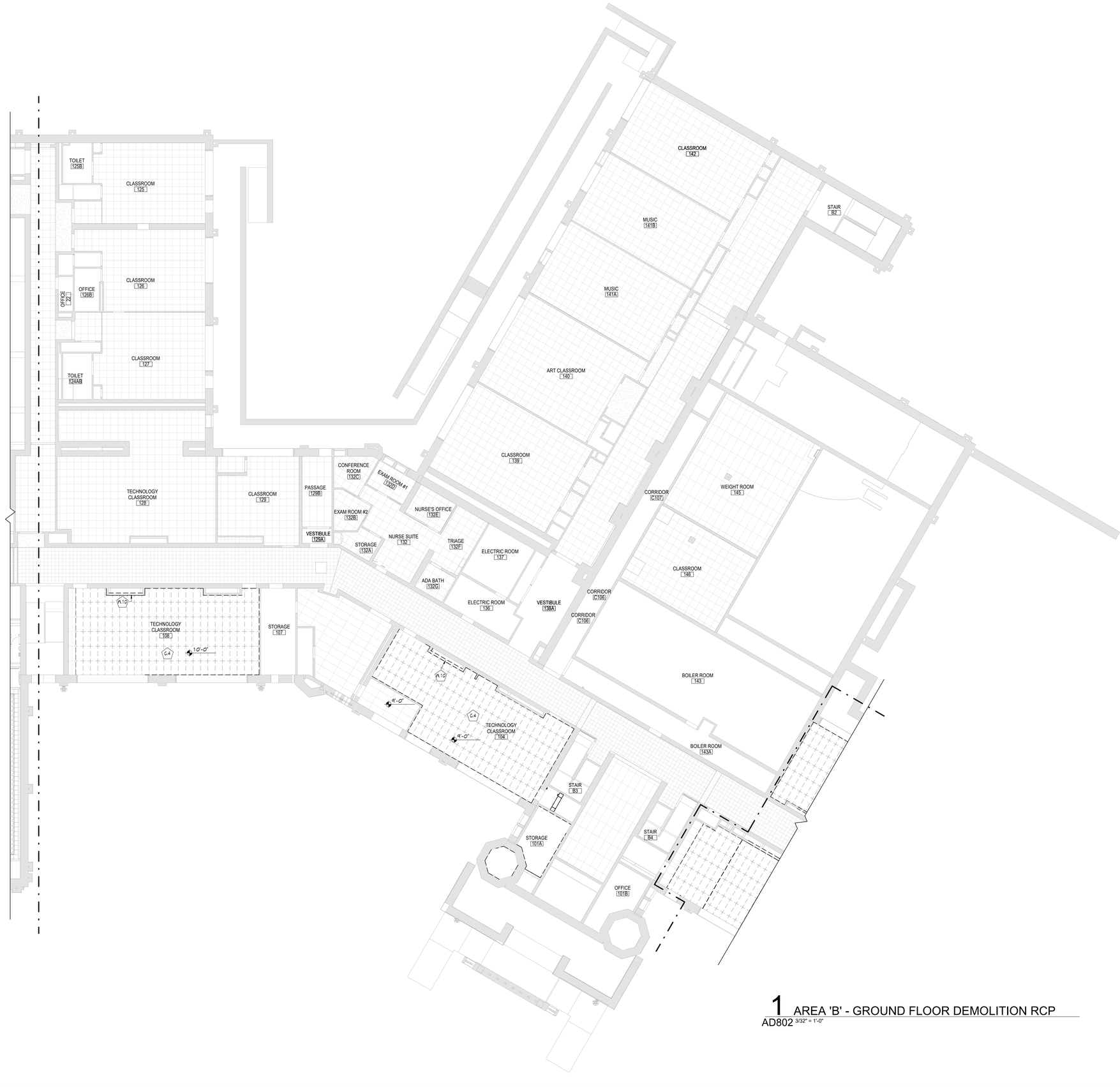
Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'C' - PARTIAL ROOF DEMOLITION PLAN

Sheet No.
IEYMS
AD403

CONSTRUCTION DOCUMENTS

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1 AREA 'B' - GROUND FLOOR DEMOLITION RCP
AD802 3/32" = 1'-0"

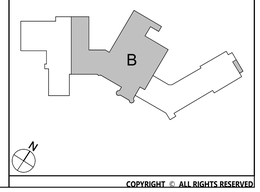
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
C.4	REMOVE AND SALVAGE EXISTING SUSPENDED CEILING PANELS FOR REINSTALLATION. SUSPENDED CEILING GRID SYSTEM TO REMAIN IN ITS ENTIRETY.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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

Project Title



#	DATE	DESCRIPTION

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Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'B' - PARTIAL GROUND FLOOR DEMO RCP

Sheet No.
IEYMS
AD802

CONSTRUCTION DOCUMENTS

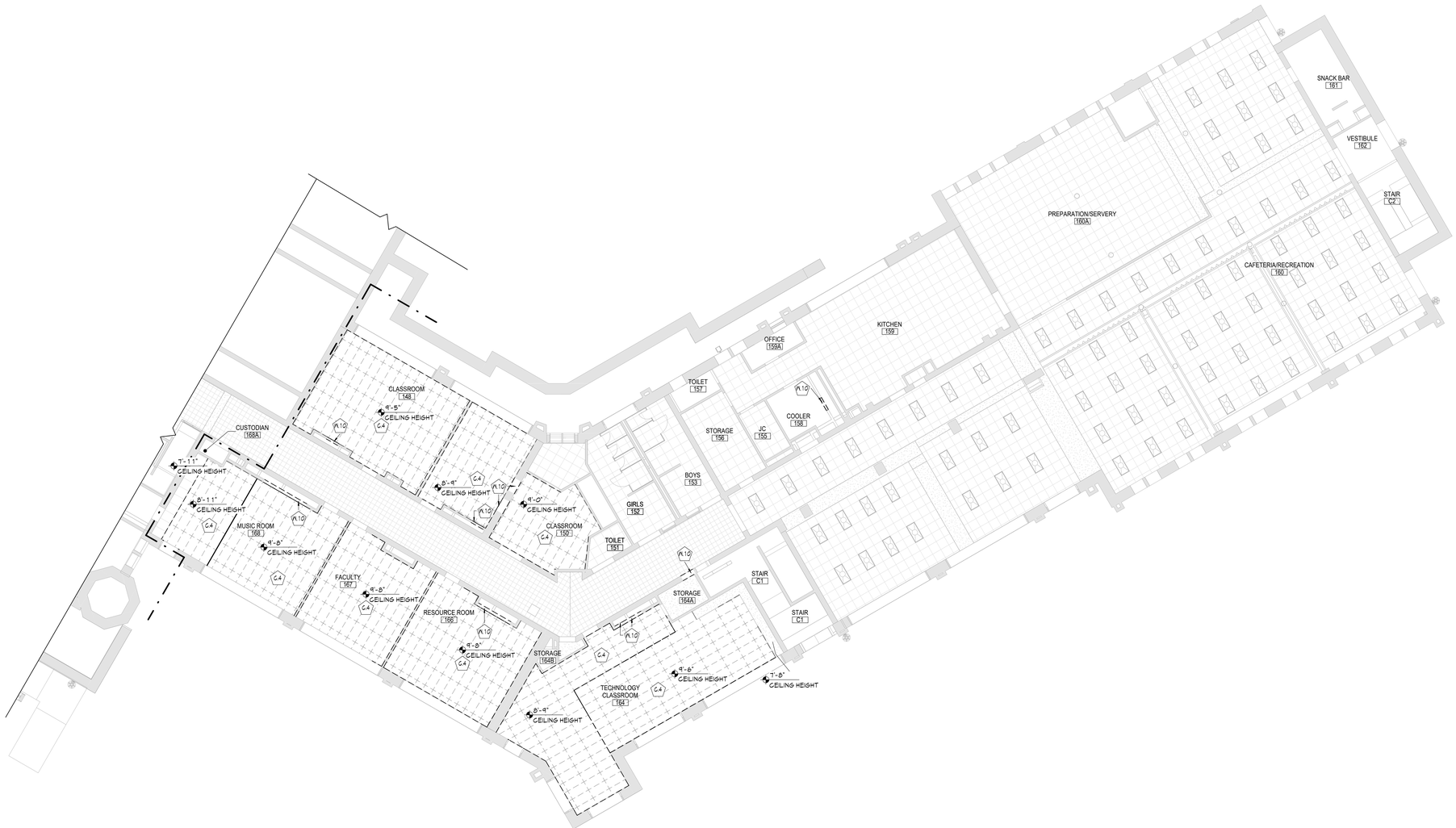
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GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

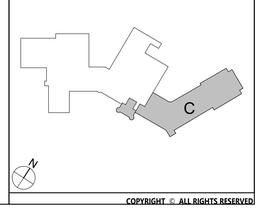
KEYNOTES

#	DESCRIPTION
C.4	REMOVE AND SALVAGE EXISTING SUSPENDED CEILING PANELS FOR REINSTALLATION. SUSPENDED CEILING GRID SYSTEM TO REMAIN IN ITS ENTIRETY.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.



1 AREA 'C' - GROUND FLOOR DEMOLITION RCP
AD803 3/32" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT · DENNIS M. INTERRANTE · 033345 · STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'C' - PARTIAL GROUND FLOOR DEMO RCP

Sheet No.
IEYMS
AD803

CONSTRUCTION DOCUMENTS

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NOTES: PLASTER CEILING ABOVE EXISTING ACT CEILING TO BE REMOVED.

1 AREA 'B' - FIRST FLOOR DEMOLITION RCP
AD812 3/32" = 1'-0"

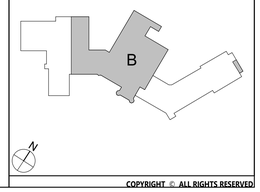
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
C.1	REMOVE EXISTING SUSPENDED CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT REMOVALS.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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

Project Title

REGISTERED ARCHITECT THOMAS M. RITZENTHALER 023345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

NO.	DATE	DESCRIPTION

Drawn By:	RC
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'B' - PARTIAL FIRST FLOOR DEMO RCP

Sheet No.
IEYMS
AD812

CONSTRUCTION DOCUMENTS

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GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

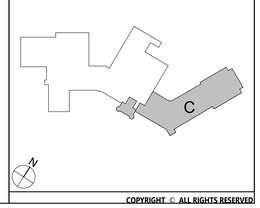
KEYNOTES

#	DESCRIPTION
C.4	REMOVE AND SALVAGE EXISTING SUSPENDED CEILING PANELS FOR REINSTALLATION. SUSPENDED CEILING GRID SYSTEM TO REMAIN IN ITS ENTIRETY.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.



1 AREA 'C' - FIRST FLOOR DEMOLITION RCP
AD813 3/32" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT DAVID M. RITZENBERG 023343 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 03/28/2025

NO.	DATE	DISCRIPTION

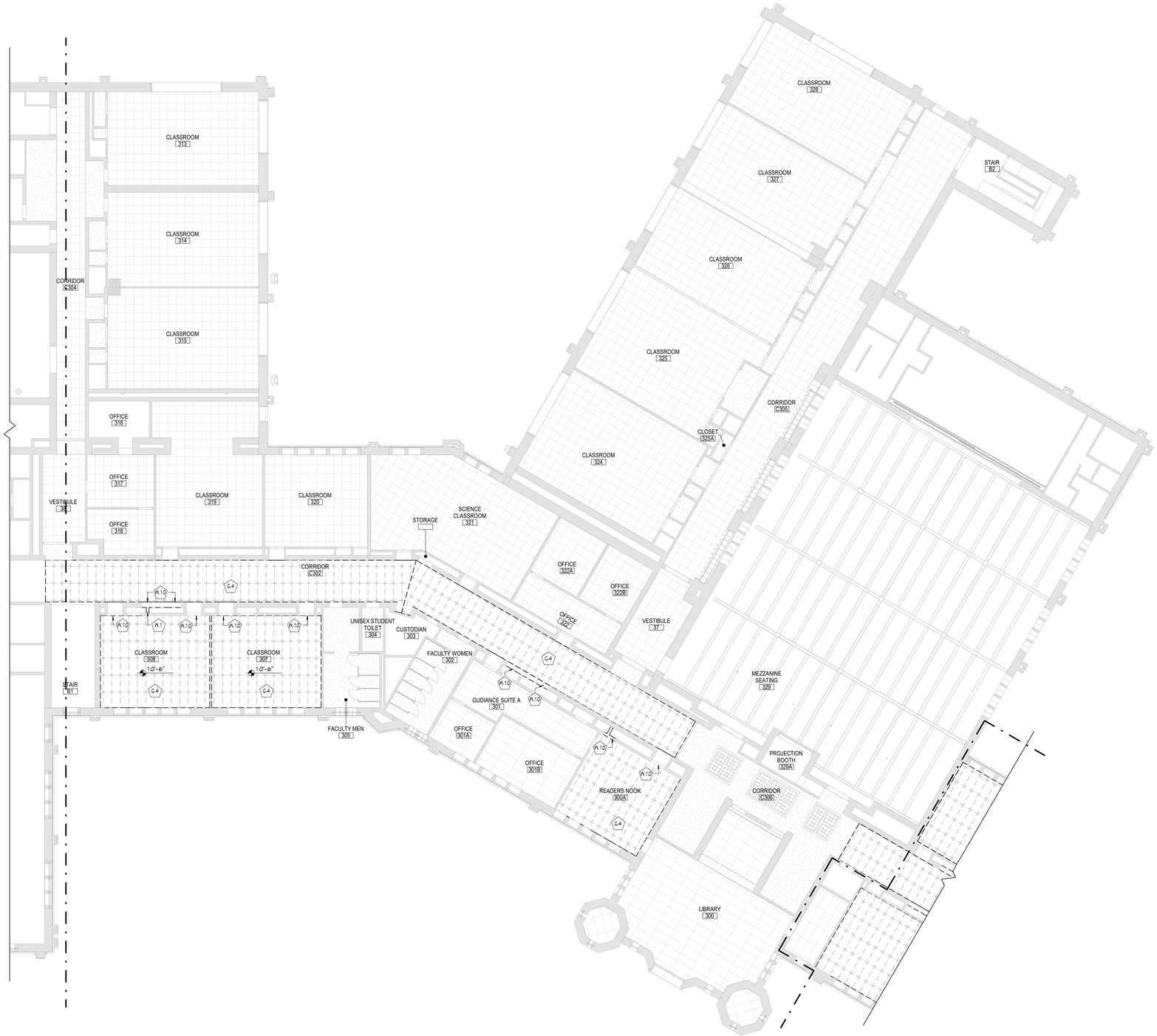
Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'C' - PARTIAL FIRST FLOOR DEMO RCP

Sheet No.
IEYMS
AD813

CONSTRUCTION DOCUMENTS

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1 AREA 'B' - SECOND FLOOR DEMOLITION RCP
AD822 3/32" = 1'-0"

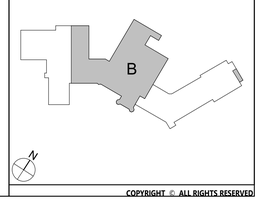
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
C.4	REMOVE AND SALVAGE EXISTING SUSPENDED CEILING PANELS FOR REINSTALLATION. SUSPENDED CEILING GRID SYSTEM TO REMAIN IN ITS ENTIRETY.
W.1	SAWCUT AND REMOVE MASONRY WALL IN ITS ENTIRETY.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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Consultant

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

Project Title

REGISTERED ARCHITECT JOHN M. FITZGIBBONS 023383 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

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Sheet Title
AREA 'B' - PARTIAL SECOND FLOOR DEMO RCP

Sheet No.
IEYMS
AD822

CONSTRUCTION DOCUMENTS

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1 AREA 'C' - SECOND FLOOR DEMOLITION RCP
AD823 3/32" = 1'-0"

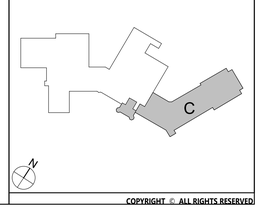
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW cONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEYNOTES

#	DESCRIPTION
C.1	REMOVE EXISTING SUSPENDED CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT REMOVALS.
C.4	REMOVE AND SALVAGE EXISTING SUSPENDED CEILING PANELS FOR REINSTALLATION. SUSPENDED CEILING GRID SYSTEM TO REMAIN IN ITS ENTIRETY.
W.1	SAWCUT AND REMOVE MASONRY WALL IN ITS ENTIRETY.
W.10	REMOVE PORTION OF MASONRY WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR NEW DUCTWORK. COORDINATE WITH 'M' DRAWINGS.

KEY PLAN



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

Project Title

REGISTERED ARCHITECT DENNIS M. INTERRANTE 033345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

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Sheet Title
AREA 'C' - PARTIAL SECOND FLOOR DEMO RCP

Sheet No.
IEYMS
AD823

CONSTRUCTION DOCUMENTS

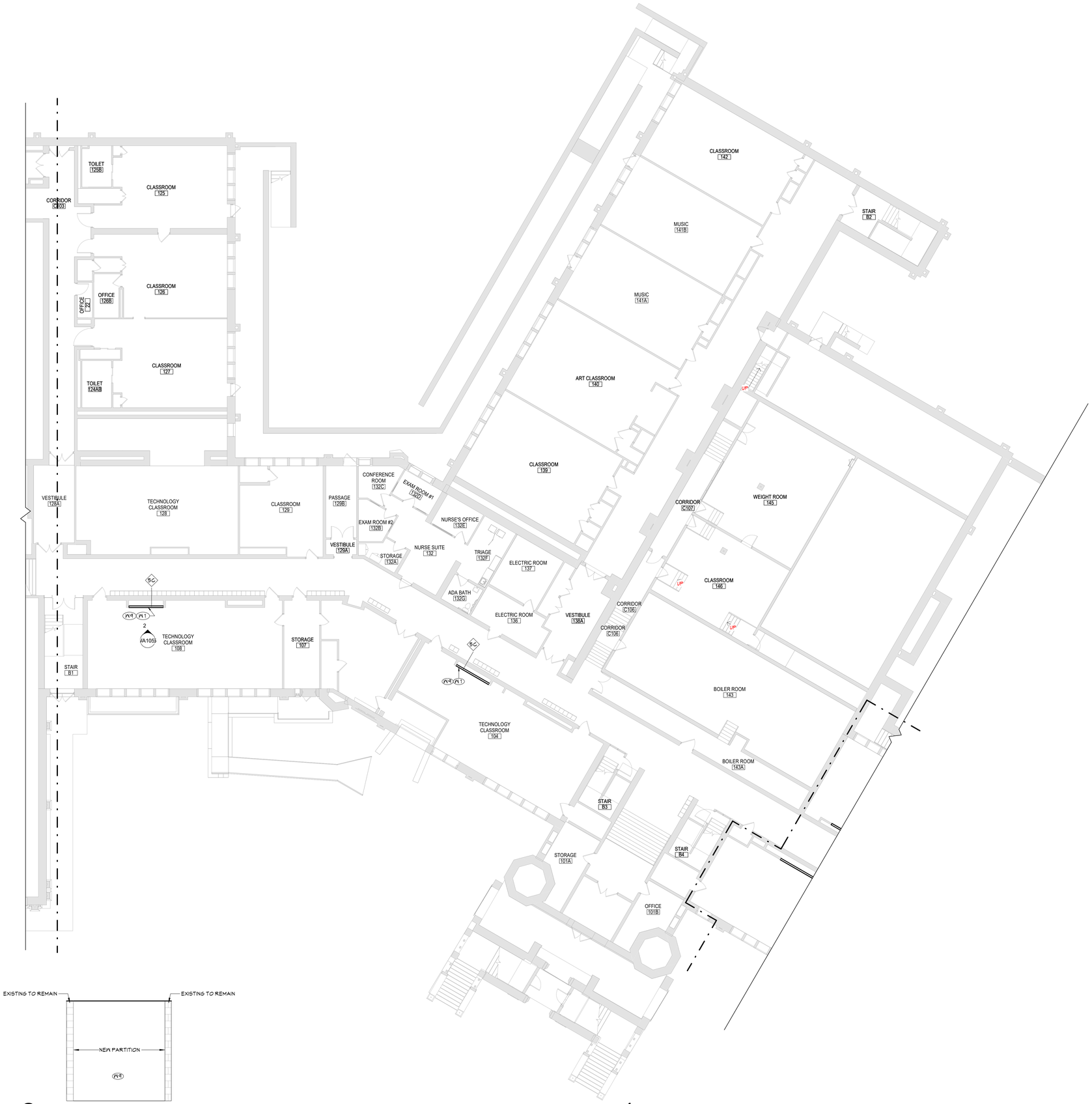
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GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

KEYNOTES

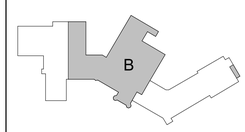
#	DESCRIPTION
W1	INFILL WALL WITH STUD WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH. REFER TO LIFE SAFETY DRAWINGS FOR MORE INFORMATION ON RATED WALLS.
W9	PREP AND PAINT WALL SURFACE IN ITS ENTIRETY.



2 TYP. INTERIOR ELEVATION
A105 1/4" = 1'-0"

1 AREA 'B' GROUND FLOOR PLAN
A105 3/32" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT JOHN M. FITZPATRICK 032383 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	NS
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'B' - PARTIAL GROUND FLOOR PLAN

Sheet No.
IEYMS
A105

CONSTRUCTION DOCUMENTS

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GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

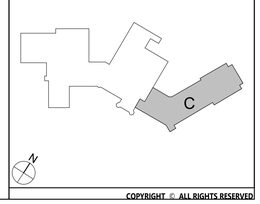
KEYNOTES

#	DESCRIPTION
W1	INFILL WALL WITH STUD WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH. REFER TO LIFE SAFETY DRAWINGS FOR MORE INFORMATION ON RATED WALLS.
W9	PREP AND PAINT WALL SURFACE IN ITS ENTIRETY.



1 AREA 'C' GROUND FLOOR PLAN
A106 3/32" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
DONALD M. INTERRANTE
033345
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

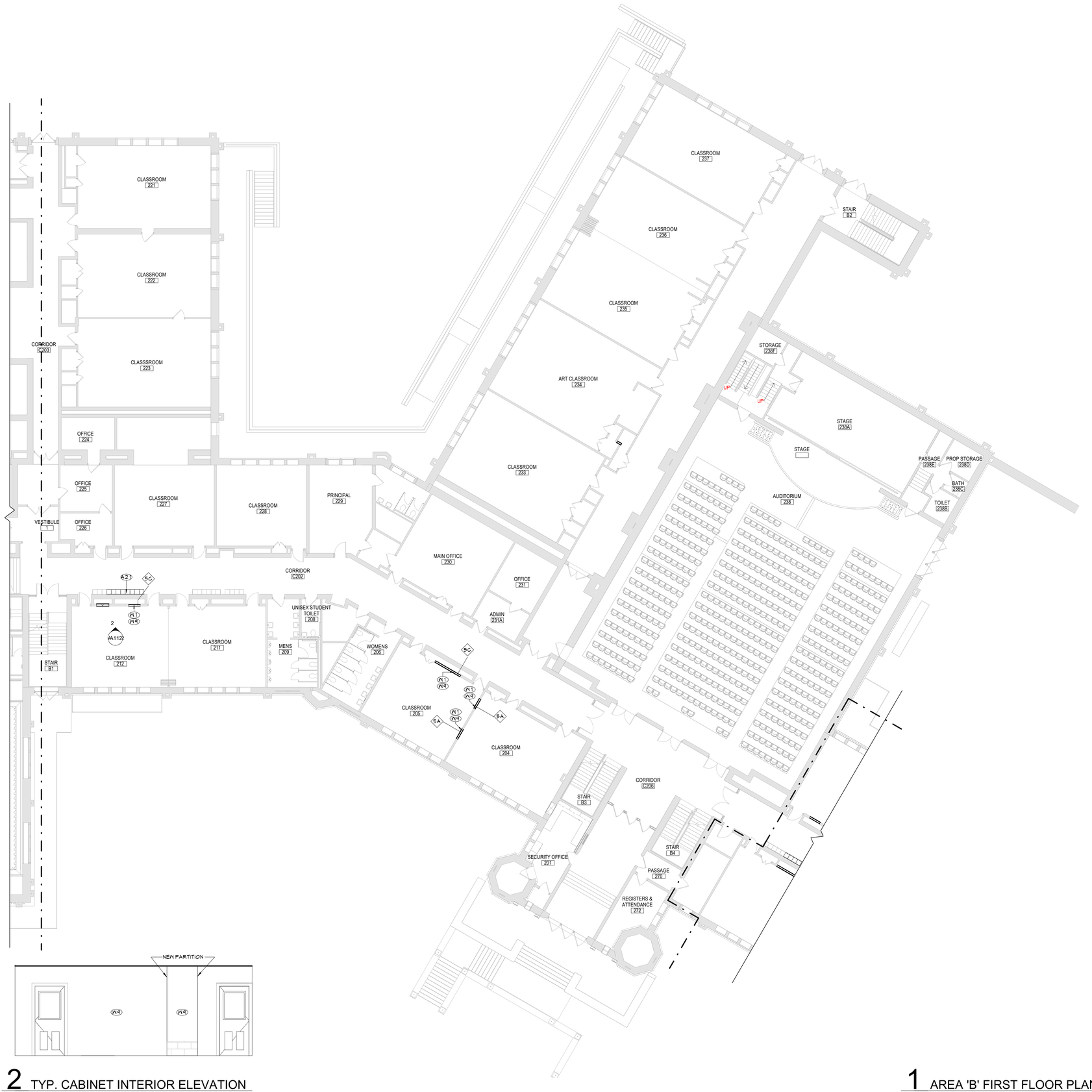
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Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
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Sheet Title
AREA 'C' - PARTIAL GROUND FLOOR PLAN

Sheet No.
IEYMS
A106

CONSTRUCTION DOCUMENTS

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2 TYP. CABINET INTERIOR ELEVATION
A112 1/4" = 1'-0"

1 AREA 'B' FIRST FLOOR PLAN
A112 3/32" = 1'-0"

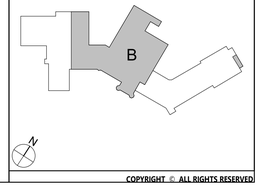
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

KEYNOTES

#	DESCRIPTION
A21	REINSTALL SALVAGED LOCKERS.
W1	INFILL WALL WITH STUD WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH. REFER TO LIFE SAFETY DRAWINGS FOR MORE INFORMATION ON RATED WALLS.
W9	PREP AND PAINT WALL SURFACE IN ITS ENTIRETY.

KEY PLAN



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Project Title

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

REGISTERED ARCHITECT · ROBERT M. ZITTMAN · 023344 · STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

Drawn By:	RC
Checked By:	MZ
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CSArch Proj. #:	188-2301.02
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Sheet Title

AREA 'B' - PARTIAL FIRST FLOOR PLAN

Sheet No.

IEYMS
A112

CONSTRUCTION DOCUMENTS

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GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

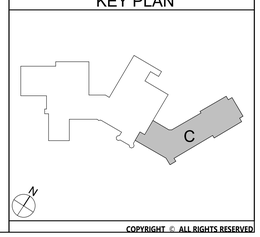
KEYNOTES

#	DESCRIPTION
A21	REINSTALL SALVAGED LOCKERS.
W1	INFILL WALL WITH STUD WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH. REFER TO LIFE SAFETY DRAWINGS FOR MORE INFORMATION ON RATED WALLS.
W9	PREP AND PAINT WALL SURFACE IN ITS ENTIRETY.
W11	PROVIDE NEW PARTITION.



1 AREA 'C' FIRST FLOOR PLAN
A116 3/32" = 1'-0"

KEY PLAN



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

Project Title

REGISTERED ARCHITECT JOHN M. INTERRANTE 023340 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

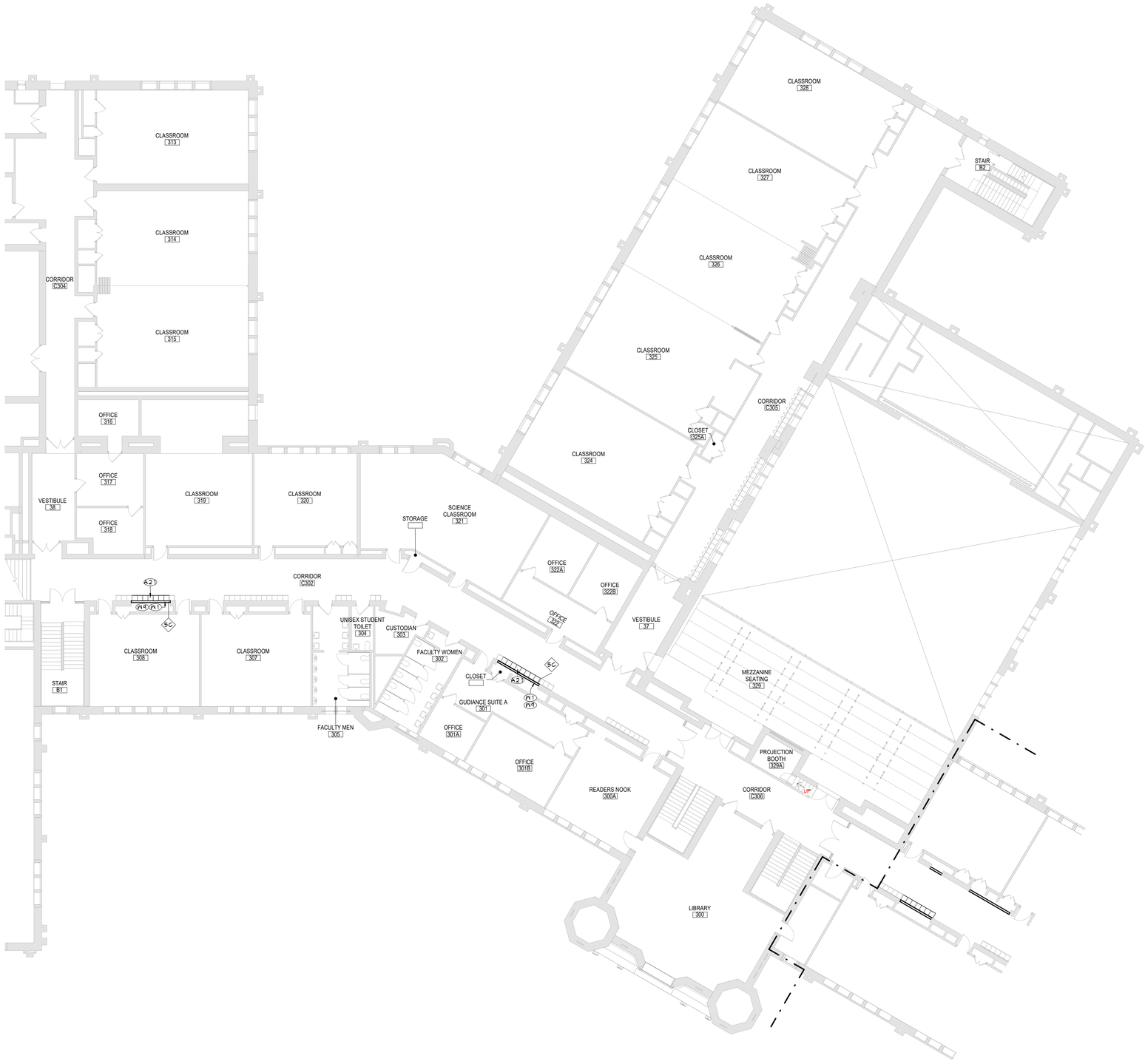
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Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
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Sheet Title
AREA 'C' - PARTIAL FIRST FLOOR PLAN

Sheet No.
IEYMS
A116

CONSTRUCTION DOCUMENTS

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1 AREA 'B' SECOND FLOOR PLAN
A125 3/32" = 1'-0"

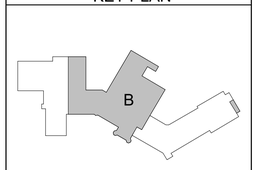
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

KEYNOTES

#	DESCRIPTION
A21	REINSTALL SALVAGED LOCKERS.
W1	INFILL WALL WITH STUD WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH. REFER TO LIFE SAFETY DRAWINGS FOR MORE INFORMATION ON RATED WALLS.
W9	PREP AND PAINT WALL SURFACE IN ITS ENTIRETY.

KEY PLAN



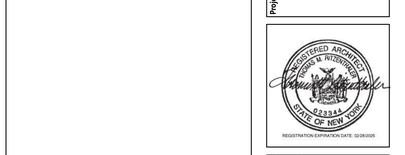
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Project Title

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



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Sheet Title

AREA 'B' - PARTIAL SECOND FLOOR PLAN

Sheet No.

IEYMS A125

CONSTRUCTION DOCUMENTS

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GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

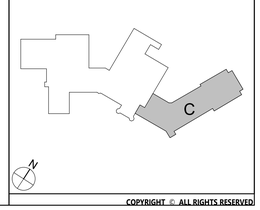
KEYNOTES

#	DESCRIPTION
A21	REINSTALL SALVAGED LOCKERS.
W1	INFILL WALL WITH STUD WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH. REFER TO LIFE SAFETY DRAWINGS FOR MORE INFORMATION ON RATED WALLS.
W9	PREP AND PAINT WALL SURFACE IN ITS ENTIRETY.
W11	PROVIDE NEW PARTITION.



1 AREA 'C' SECOND FLOOR PLAN
A126 3/32" = 1'-0"

KEY PLAN



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Project Title

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

THOMAS M. RITZENTHALER
043445
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

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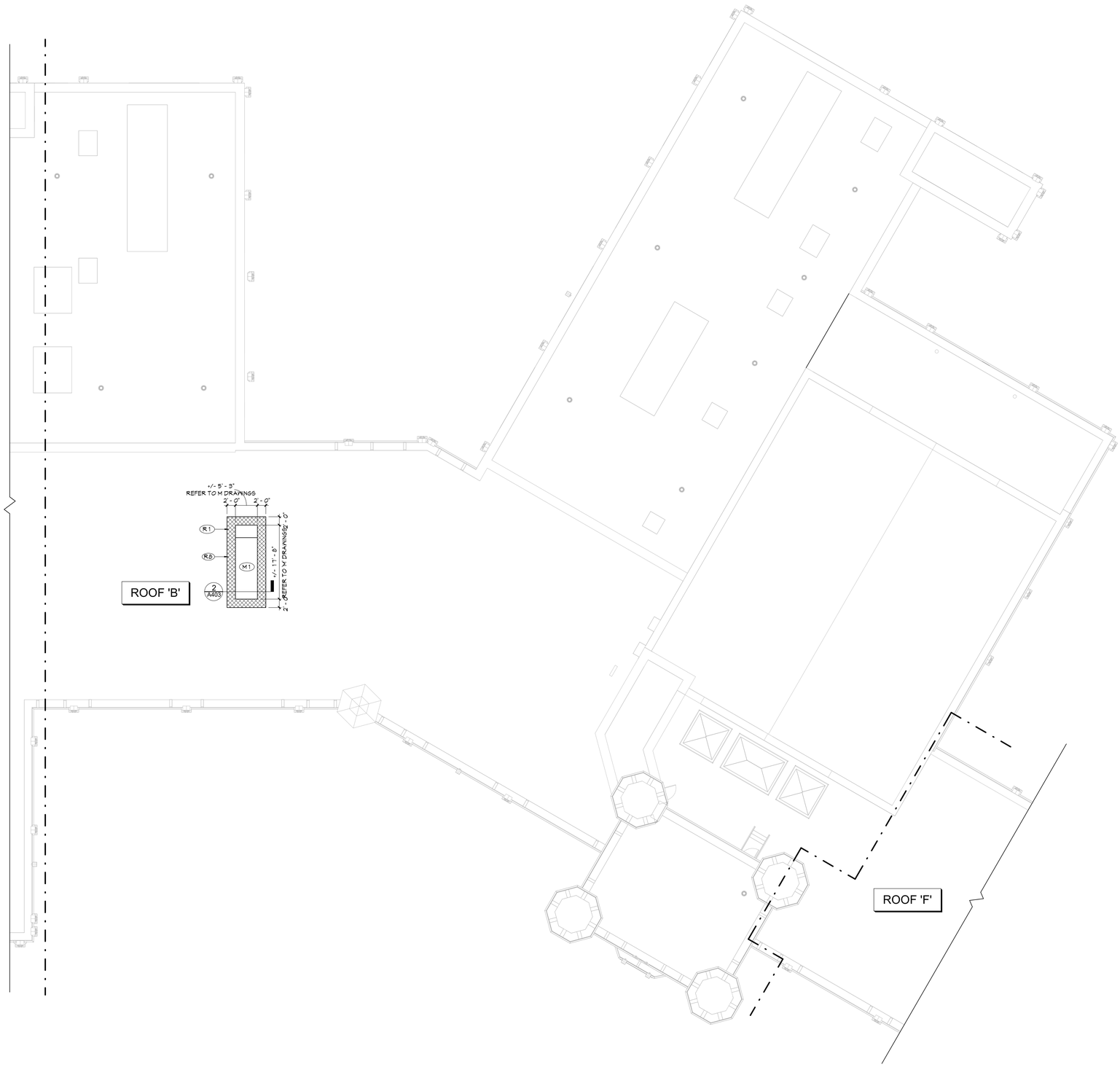
AREA 'C' - PARTIAL SECOND FLOOR PLAN

Sheet No.

IEYMS
A126

CONSTRUCTION DOCUMENTS

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1 AREA 'B - ROOF PLAN
A402 3/32" = 1'-0"

ROOF GENERAL NOTES

1. ALL EXISTING ROOF DRAINS TO REMAIN, UNO.
2. REFER TO ROOF SCAN REPORT FOR LOCATION OF WET INSULATION / ROOFING. REMOVE ALL WET INSULATION / ROOFING AND PATCH WITH NEW ROOFING IN KIND TO MATCH EXISTING THICKNESS IN THAT AREA.
3. REFER TO ROOF SCAN REPORT FOR CORES TAKEN IN EXISTING ROOFING.
4. CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS IN APPROVED SUBMITTALS.
5. NEW ROOF AND ROOF INSULATION FASTENERS TO ENGAGE HIGH POINT OF STEEL DECK FLUTES.
6. PROVIDE MINIMUM 1 1/2" RIGID INSULATION AT NEW FLAT ROOF AREAS, TAPER INSULATION TO HEIGHTS INDICATED.

ROOF DESCRIPTIONS

ROOF AREA 'A' - NEW CONSTRUCTION

1. PROVIDE TWO LAYERS MECHANICALLY FASTENED RIGID ROOF INSULATION (TOTAL THICKNESS 3 1/2", MIN R20) ON NEW ROOF SUBSTRATE (METAL).
2. PROVIDE MECHANICALLY FASTENED TAPERED ROOF INSULATION AND CANTS AT LOCATIONS SHOWN.
3. PROVIDE FULLY ADHERED EPDM ROOF MEMBRANE.

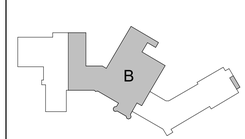
ROOF LEGEND

- RD — ROOF DRAIN, REFER TO PLUMBING DRAWINGS
- SD — SECONDARY DRAIN, REFER TO PLUMBING DRAWINGS
- SC — ROOF SCUPPER
- V — VENT PIPE, REFER TO PLUMBING DRAWINGS
- ROOF PENETRATIONS, REFER TO MECHANICAL DRAWINGS
- AH — ROOF ACCESS HATCH
- INDICATES DIRECTION OF SLOPE AT 1/4" PER FOOT MINIMUM, UNO
- ROOF LADDER
- EJ — EXPANSION JOINT

KEYNOTES

#	DESCRIPTION
M1	MECHANICAL INSTALLATION,TYPICAL REFER TO 'M' DRAWINGS.
R1	PROVIDE NEW SINGLE PLY ROOFING WITH COVERBOARD AND INSULATION.
R8	PROVIDE AND FLASH IN NEW ROOF CURB. REFER TO DETAILS.

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
DONALD M. RITZENBERG
023343
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 03/28/2025

NO.	DATE	DESCRIPTION

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CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title

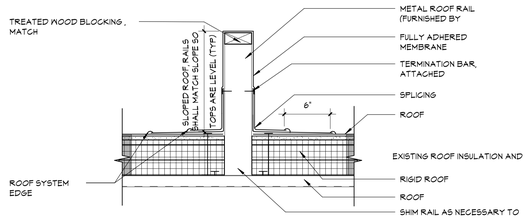
AREA 'B' - PARTIAL ROOF PLAN

Sheet No.

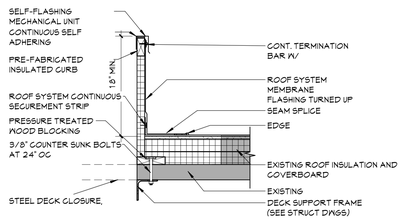
IEYMS
A402

CONSTRUCTION DOCUMENTS

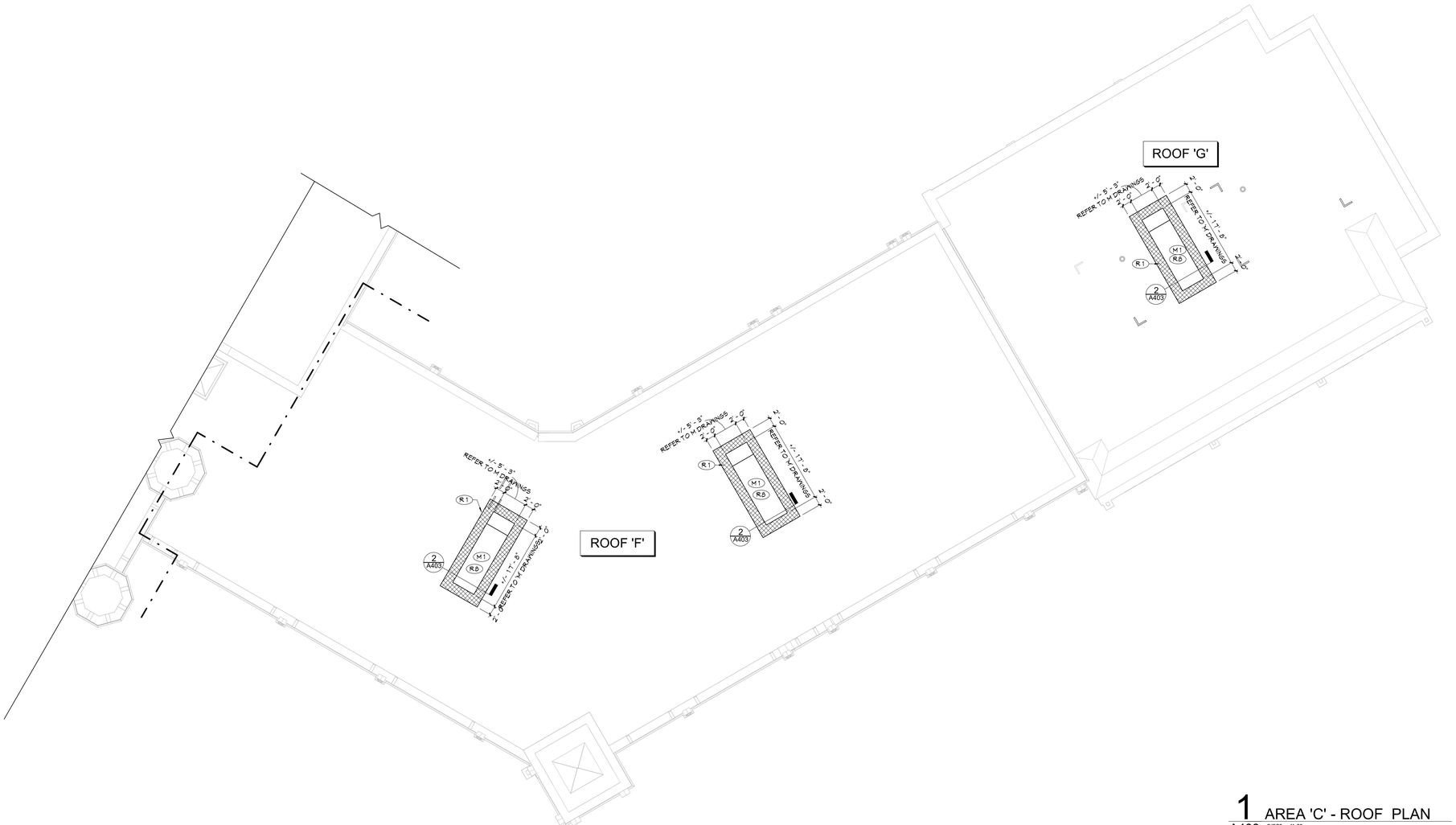
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3 EQUIPMENT RAIL DETAIL
A403 1 1/2" = 1'-0"



2 EQUIPMENT CURB DETAIL
A403 1" = 1'-0"



1 AREA 'C' - ROOF PLAN
A403 3/32" = 1'-0"

ROOF GENERAL NOTES

1. ALL EXISTING ROOF DRAINS TO REMAIN, UNO.
2. REFER TO ROOF SCAN REPORT FOR LOCATION OF WET INSULATION / ROOFING. REMOVE ALL WET INSULATION / ROOFING AND PATCH WITH NEW ROOFING IN KIND TO MATCH EXISTING THICKNESS IN THAT AREA.
3. REFER TO ROOF SCAN REPORT FOR CORES TAKEN IN EXISTING ROOFING.
4. CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY, REFER TO MECHANICAL DRAWINGS, COORDINATE ACTUAL SIZE OF CURBS IN APPROVED SUBMITTALS.
5. NEW ROOF AND ROOF INSULATION FASTENERS TO ENGAGE HIGH POINT OF STEEL DECK FLUTES.
6. PROVIDE MINIMUM 1 1/2" RIGID INSULATION AT NEW FLAT ROOF AREAS, TAPER INSULATION TO HEIGHTS INDICATED.

ROOF DESCRIPTIONS

ROOF AREA 'A' - NEW CONSTRUCTION

1. PROVIDE TWO LAYERS MECHANICALLY FASTENED RIGID ROOF INSULATION (TOTAL THICKNESS 3 1/2", MIN R20) ON NEW ROOF SUBSTRATE (METAL).
2. PROVIDE MECHANICALLY FASTENED TAPERED ROOF INSULATION AND CANTS AT LOCATIONS SHOWN.
3. PROVIDE FULLY ADHERED EPDM ROOF MEMBRANE.

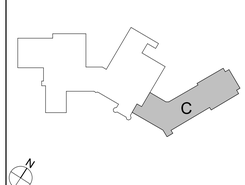
ROOF LEGEND

RD	ROOF DRAIN, REFER TO PLUMBING DRAWINGS
SD	SECONDARY DRAIN, REFER TO PLUMBING DRAWINGS
SC	ROOF SCUPPER
V	VENT PIPE, REFER TO PLUMBING DRAWINGS
	ROOF PENETRATIONS, REFER TO MECHANICAL DRAWINGS
AH	ROOF ACCESS HATCH
	INDICATES DIRECTION OF SLOPE AT 1/4" PER FOOT MINIMUM, UNO
	ROOF LADDER
EJ	EXPANSION JOINT

KEYNOTES

#	DESCRIPTION
M1	MECHANICAL INSTALLATION,TYPICAL REFER TO 'M' DRAWINGS.
R1	PROVIDE NEW SINGLE PLY ROOFING WITH COVERBOARD AND INSULATION.
R8	PROVIDE AND FLASH IN NEW ROOF CURB. REFER TO DETAILS.

KEY PLAN



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Consultant

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

Project Title

REGISTERED ARCHITECT · DONALD M. PATTERSON · 033345 · STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

Drawn By:	Author
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Sheet Title

AREA 'C' - PARTIAL ROOF PLAN

Sheet No.

IEYMS
A403

CONSTRUCTION DOCUMENTS

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1 AREA 'B' - GROUND FLOOR REFLECTED CEILING PLAN
A802 3/32" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

- GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- 1'x LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED DOWN LIGHT
- CEILING MOUNTED EXIT SIGN
- OS CEILING MOUNTED OCCUPANCY SENSOR
- S CEILING MOUNTED SMOKE DETECTOR
- H CEILING MOUNTED HEAT DETECTOR
- S CEILING MOUNTED PA SPEAKER
- J CEILING MOUNTED SECURITY J-BOX
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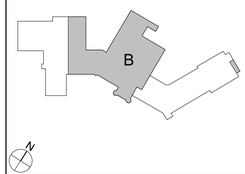
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

KEYNOTES

#	DESCRIPTION
C4	REINSTALL SALVAGED EXISTING SUSPENDED CEILING PANELS IN NEW NEW MODIFIED ACOUSTIC PANEL GRID SYSTEM. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT INSTALLATIONS.

KEY PLAN



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Consultant

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

Project Title

REGISTERED ARCHITECT THOMAS M. RITTENHOUSE 033345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

NO.	DATE	DESCRIPTION

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Sheet Title

AREA 'B' - PARTIAL GROUND FLOOR RCP

Sheet No.

IEYMS A802

CONSTRUCTION DOCUMENTS

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1 AREA 'C' - GROUND FLOOR REFLECTED CEILING PLAN
A803 3/32" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

CEILING NOTES

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- +X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
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- 1'x LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED DOWN LIGHT
- CEILING MOUNTED EXIT SIGN
- OS — CEILING MOUNTED OCCUPANCY SENSOR
- S — CEILING MOUNTED SMOKE DETECTOR
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- J — CEILING MOUNTED SECURITY J-BOX
- MS — CEILING MOUNTED MOTION SENSOR
- CEILING MOUNTED DATA J-BOX

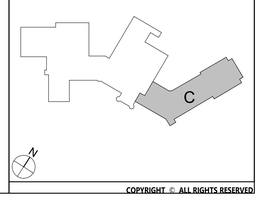
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

KEYNOTES

#	DESCRIPTION
C4	REINSTALL SALVAGED EXISTING SUSPENDED CEILING PANELS IN NEW NEW MODIFIED ACOUSTIC PANEL GRID SYSTEM. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT INSTALLATIONS.

KEY PLAN



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

Project Title

REGISTERED ARCHITECT — DAVID M. WITZENFELD — 032345 — STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

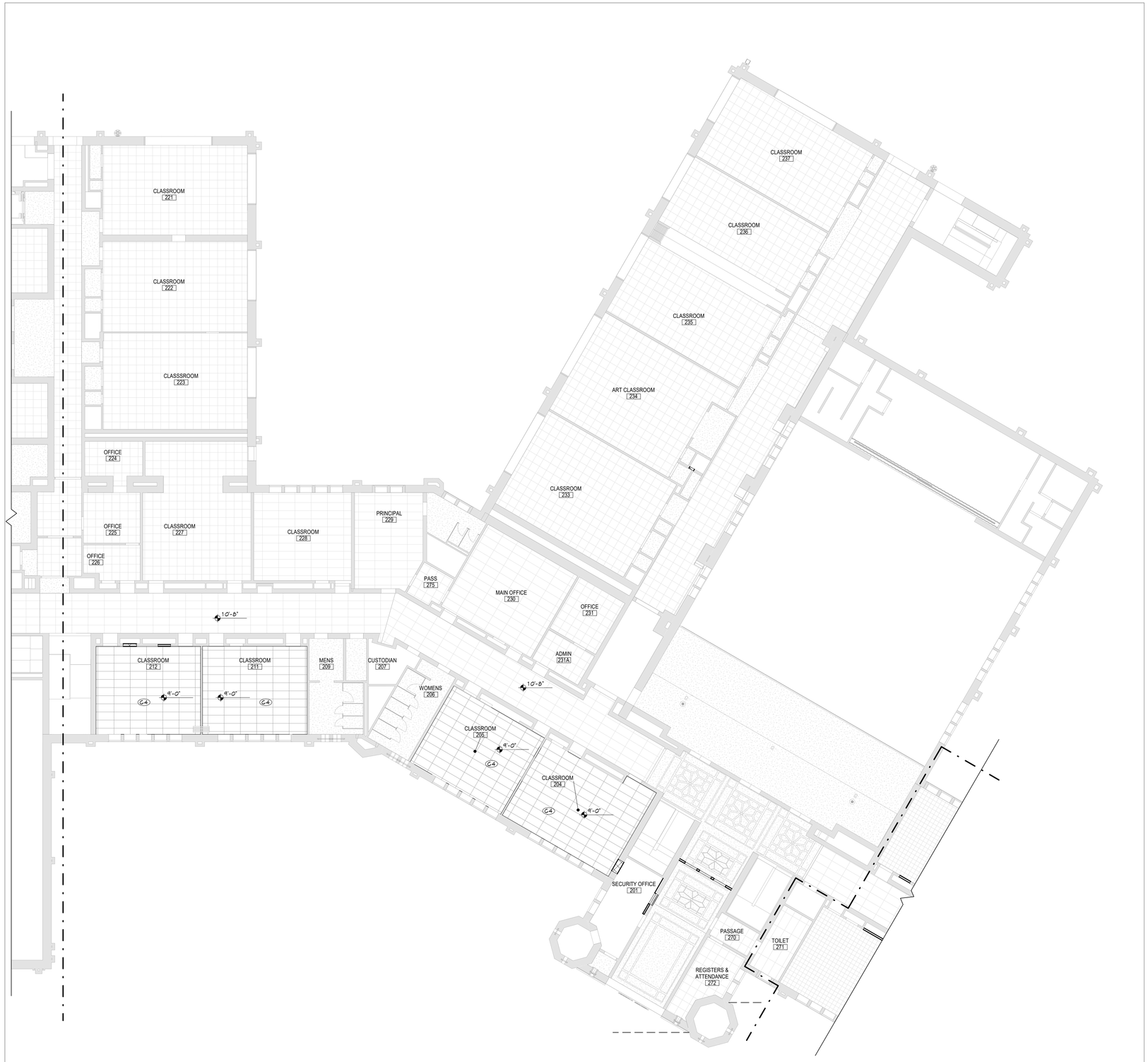
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Sheet Title
AREA 'C' - PARTIAL GROUND FLOOR RCP

Sheet No.
IEYMS
A803

CONSTRUCTION DOCUMENTS

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1 AREA 'B' - FIRST FLOOR REFLECTED CEILING PLAN
A812 3/32" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

CEILING NOTES

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- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- +X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
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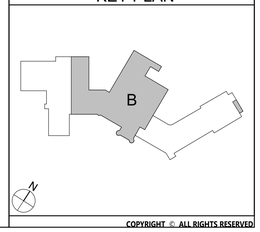
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

KEYNOTES

#	DESCRIPTION
C4	REINSTALL SALVAGED EXISTING SUSPENDED CEILING PANELS IN NEW NEW MODIFIED ACOUSTIC PANEL GRID SYSTEM. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT INSTALLATIONS.

KEY PLAN



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

Project Title



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Sheet Title

AREA 'B' - PARTIAL FIRST FLOOR RCP

Sheet No.

IEYMS
A812

CONSTRUCTION DOCUMENTS

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1 AREA 'C' - FIRST FLOOR REFLECTED CEILING PLAN
A813 3/32" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET G001 FOR PARTITION TYPES AND ADDITIONAL NOTES.

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- 2'x4' LIGHT FIXTURE
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- 1'x LIGHT FIXTURE
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- RECESSED DOWN LIGHT
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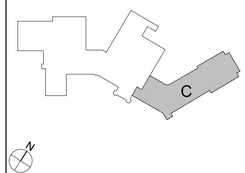
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

KEYNOTES

#	DESCRIPTION
C4	REINSTALL SALVAGED EXISTING SUSPENDED CEILING PANELS IN NEW NEW MODIFIED ACOUSTIC PANEL GRID SYSTEM. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT INSTALLATIONS.

KEY PLAN



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Consultant

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

Project Title

REGISTERED ARCHITECT THOMAS M. RITZENTHALER 043345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

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Sheet Title

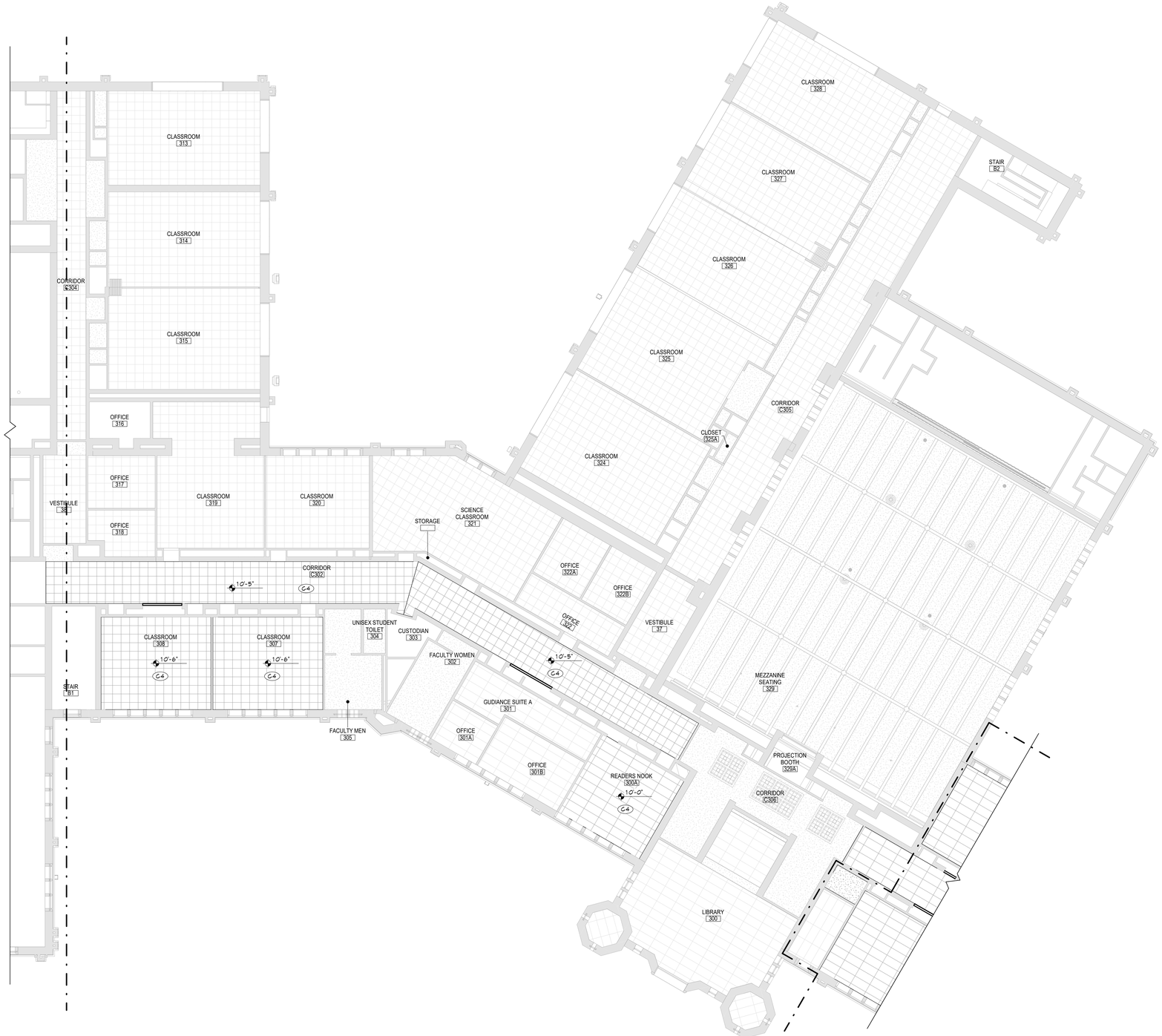
AREA 'C' - PARTIAL FIRST FLOOR RCP

Sheet No.

IEYMS
A813

CONSTRUCTION DOCUMENTS

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1 AREA 'B' - SECOND FLOOR REFLECTED CEILING PLAN
A822 3/32" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
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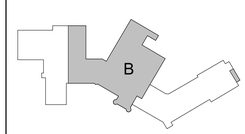
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

KEYNOTES

#	DESCRIPTION
C4	REINSTALL SALVAGED EXISTING SUSPENDED CEILING PANELS IN NEW NEW MODIFIED ACOUSTIC PANEL GRID SYSTEM. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT INSTALLATIONS.

KEY PLAN



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Consultant

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

Project Title

REGISTERED ARCHITECT THOMAS M. RITTENHOUSE 033345 STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

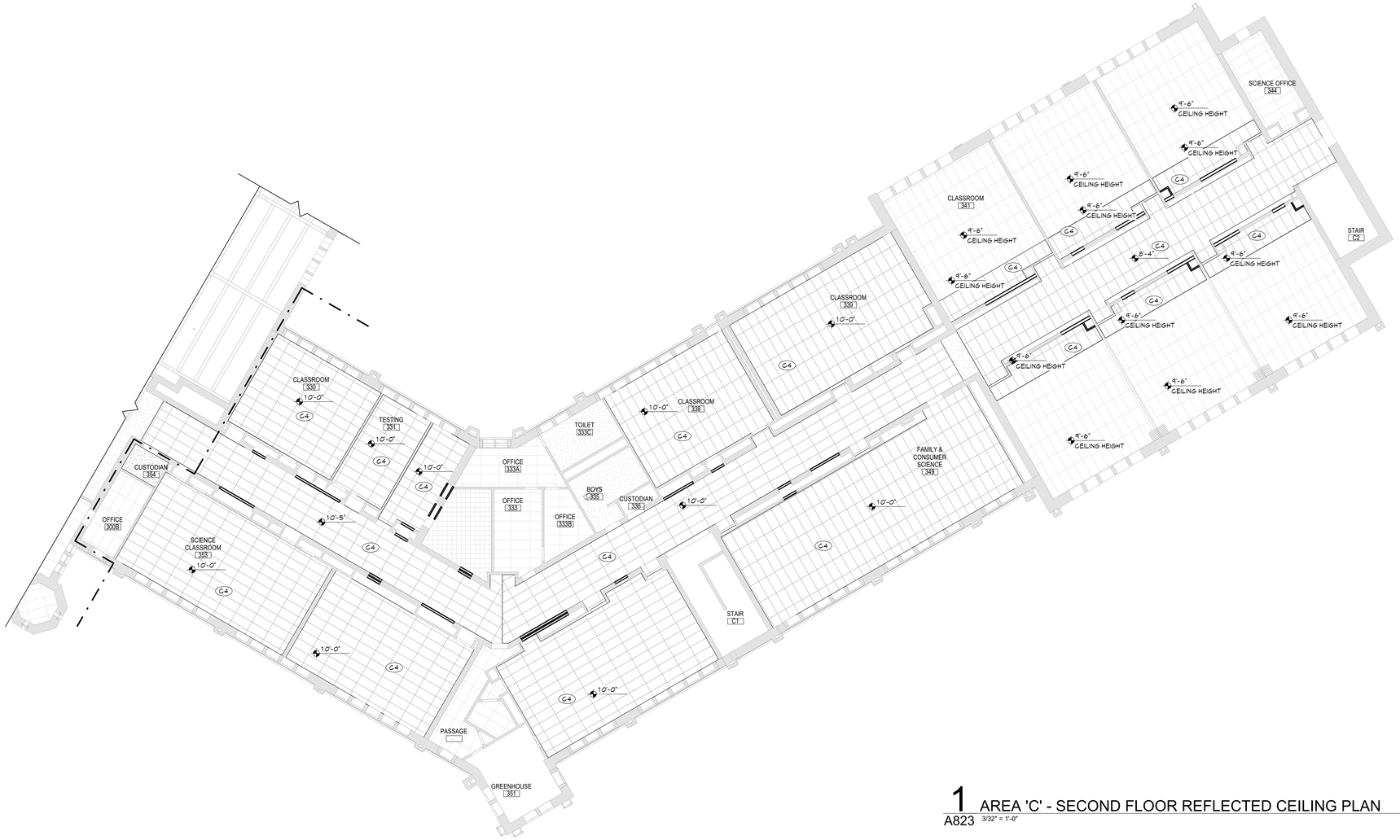
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Sheet Title: AREA 'B' - PARTIAL SECOND FLOOR RCP

Sheet No.: IEYMS A822

CONSTRUCTION DOCUMENTS

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1 AREA 'C' - SECOND FLOOR REFLECTED CEILING PLAN
A823 3/32" = 1'-0"

GENERAL NOTES

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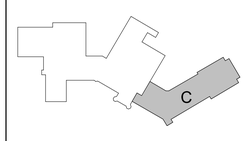
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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KEYNOTES

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KEY PLAN



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Consultant

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

Project Title



#	DATE	DESCRIPTION

Drawn By:	Author
Checked By:	Checker
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
Issued for Bid:	06/13/2025

Sheet Title
AREA 'C' - PARTIAL SECOND FLOOR RCP

Sheet No.
IEYMS
A823

CONSTRUCTION DOCUMENTS

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MATERIALS LEGEND

MATERIAL	MANUFACTURER	MODEL	COLOR #/NAME	SIZE	NOTE
CHAIR RAIL					
CR-1	MILLWORK RAIL	MATCH EXISTING	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	CLASSROOM 204
MILLWORK BASE					
MB-1	MILLWORK BASE	MATCH EXISTING	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	STAINED TO MATCH EXISTING
MB-2	MILLWORK BASE	MATCH EXISTING	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	PAINTED TO MATCH EXISTING
PAINT					
PNT-1	SHERWIN WILLIAMS	EGGSHELL	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		SECURITY OFFICE/ CORR/ VEST - MATCH TO VEST. SV01
PNT-2	SHERWIN WILLIAMS	EGGSHELL	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		CLASSROOM 204
PNT-3	SHERWIN WILLIAMS	FLAT	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		GYPSUM CEILING
PNT-4	SHERWIN WILLIAMS	EGGSHELL	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		PATCHED WALLS
RUBBER BASE					
RB-1	TARKETT/ JOHNSONITE	BASEWORKS	32 PEBBLE	4"	SECURITY OFFICE
RB-2	TARKETT/ JOHNSONITE	BASEWORKS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	CLASSROOM 204
RB-3	TARKETT/ JOHNSONITE	BASEWORKS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	PATCH @ WALL REPLACEMENTS AS REQUIRED
RB-4	TARKETT/ JOHNSONITE	BASEWORKS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	PATCH @ WALL REPLACEMENTS AS REQUIRED
RB-5	TARKETT/ JOHNSONITE	BASEWORKS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	PATCH @ WALL REPLACEMENTS AS REQUIRED - AREA C CLASSROOMS
TERRAZZO					
TERR-1		EPOXY TERRAZZO	MATCH EXISTING		FLOOR @ CORRIDOR - PATCH AS REQUIRED

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	BASE	FINISH	Wall Finish	Accent_Wall	CEILING	REMARKS
	CLOSET	ETR/MB-1	ETR	ETR/PNT-4			MB-1 STAINED TO MATCH EXISTING
104	TECHNOLOGY CLASSROOM	ETR/RB-4	ETR	ETR/PNT-4			
108	TECHNOLOGY CLASSROOM	ETR/MB-2	ETR	ETR/PNT-4			MB-2 PAINTED TO MATCH EXISTING
148	CLASSROOM	ETR/MB-2/RB-3	ETR	ETR/PNT-4			MB-2 PAINTED TO MATCH EXISTING
149	CLASSROOM	ETR/MB-2/RB-3	ETR	ETR/PNT-4			MB-2 PAINTED TO MATCH EXISTING
164	TECHNOLOGY CLASSROOM	ETR/RB-3	ETR	ETR/PNT-4			
166	RESOURCE ROOM	ETR/MB-1	ETR	ETR/PNT-4			MB-1 STAINED TO MATCH EXISTING
168	MUSIC ROOM	ETR/MB-1	ETR	ETR/PNT-4			MB-1 STAINED TO MATCH EXISTING
201D	ST	ETR/MB-1	ETR	ETR/PNT-4			MB-1 STAINED TO MATCH EXISTING
201E	ST	ETR/RB-4	ETR	ETR/PNT-4			
201F	ST	ETR/MB-1/RB-3	ETR	PNT-4			MB-1 STAINED TO MATCH EXISTING
204	CLASSROOM	ETR/MB-1/RB-2	ETR	ETR/PNT-2/CR-1		ETR	MB-1 STAINED TO MATCH EXISTING
205	CLASSROOM	ETR/MB-2/RB-3	ETR	ETR/PNT-4			MB-2 PAINTED TO MATCH EXISTING
212	CLASSROOM	ETR/RB-4	ETR	ETR/PNT-4			
240	CLASSROOM	ETR/MB-1/RB-3	ETR	ETR/PNT-4			MB-1 STAINED TO MATCH EXISTING
241	CLASSROOM	ETR/MB-1/RB-3	ETR	ETR/PNT-4			MB-1 STAINED TO MATCH EXISTING
242	CLASSROOM	ETR/RB-3	ETR	ETR/PNT-4			
246	CLASSROOM	ETR/MB-1	ETR	ETR/PNT-4			
247	SOCIAL WORKER	ETR/MB-1	ETR	ETR/PNT-4			
248A	PSYCH. OFFICE	ETR/MB-1	ETR	ETR/PNT-4			
248B	CLASSROOM	ETR/MB-1	ETR	ETR/PNT-4			
251	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
254	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
255	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
256	CLASSROOM	ETR/MB-1	ETR	ETR/PNT-4			
257	CLASSROOM	ETR/MB-1	ETR	ETR/PNT-4			
258	CLASSROOM	ETR/MB-1	ETR	ETR/PNT-4			
266	CLASSROOM	ETR/RB-3	ETR	ETR/PNT-4			
268	CLASSROOM	ETR/MB-2/RB-3	ETR	ETR/PNT-4			MB-2 PAINTED TO MATCH EXISTING
332	SPEECH	ETR/MB-1/RB-3	ETR	PNT-4			MB-1 STAINED TO MATCH EXISTING
341	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
342	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
343	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
345	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
346	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
347	CLASSROOM	ETR/RB-5	ETR	ETR/PNT-4			
349	FAMILY & CONSUMER SCIENCE	ETR/RB-4	ETR	ETR/PNT-4			
C207	CORRIDOR	ETR/RB-3	ETR	ETR/PNT-4			
C302	CORRIDOR	ETR/RB-3	ETR	ETR/PNT-4			
C307	CORRIDOR	ETR/RB-3	ETR	ETR/PNT-4			

DISCLAIMER NOTE

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ABBREVIATIONS

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APC	ACOUSTICAL PANEL CEILING
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CONC	CONCRETE
CPT	CARPET
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ETR	EXISTING TO REMAIN
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FAC/FF	FACTORY FINISH
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PLAS	PLASTER
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STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES

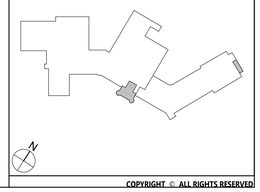
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FINISH KEYS

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

KEY PLAN



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

Project Title



REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DISCRIPTION

Drawn By:	AS
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
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Issued for Bid:	06/13/2025

Sheet Title

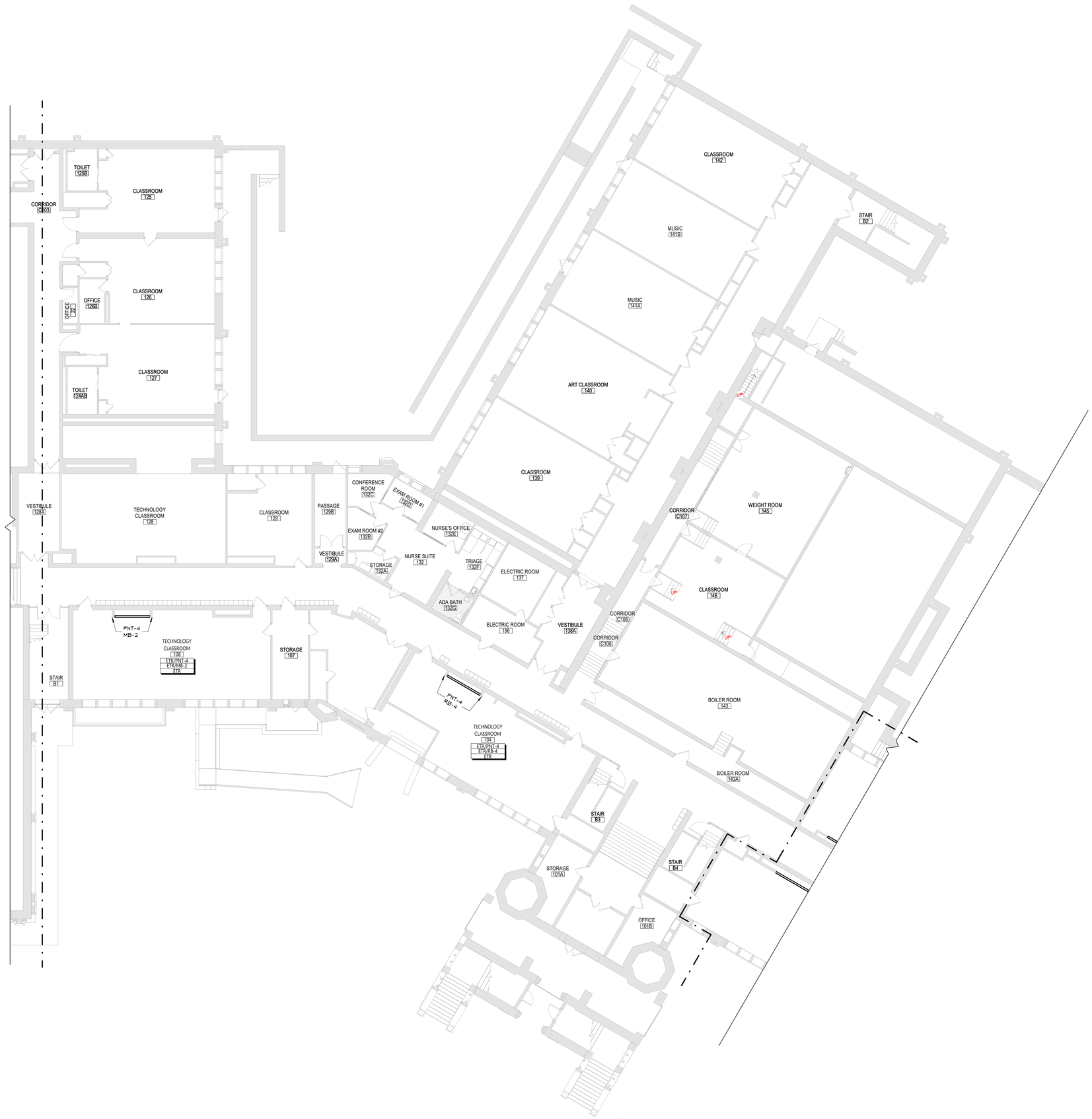
MATERIAL AND ROOM FINISH SCHEDULE

Sheet No.

IEYMS
AF001

CONSTRUCTION DOCUMENTS

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1 AREA 'B' GROUND FLOOR FINISH PLAN
AF105 3/32" = 1'-0"

DISCLAIMER NOTE

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CONC	CONCRETE
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CR	CHAIR RAIL
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RF	RESINOUS FLOORING
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VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES

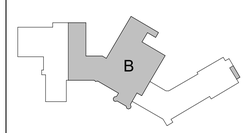
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FINISH KEYS

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

KEY PLAN



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Consultant

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

Project Title



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Checked By:	MZ
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Sheet Title
AREA 'B' - PARTIAL GROUND FLOOR FINISH PLAN

Sheet No.
IEYMS
AF105

CONSTRUCTION DOCUMENTS

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1 AREA 'C' GROUND FLOOR FINISH PLAN
AF106 3/32" = 1'-0"

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WAF	WOOD ATHLETIC FLOORING
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GENERAL FINISH NOTES

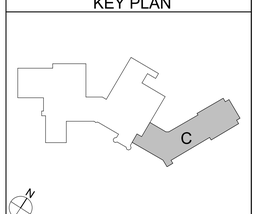
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FINISH KEYS

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

KEY PLAN



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Consultant

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

Project Title

REGISTERED ARCHITECT
DONALD M. RITZENBERG
023345
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

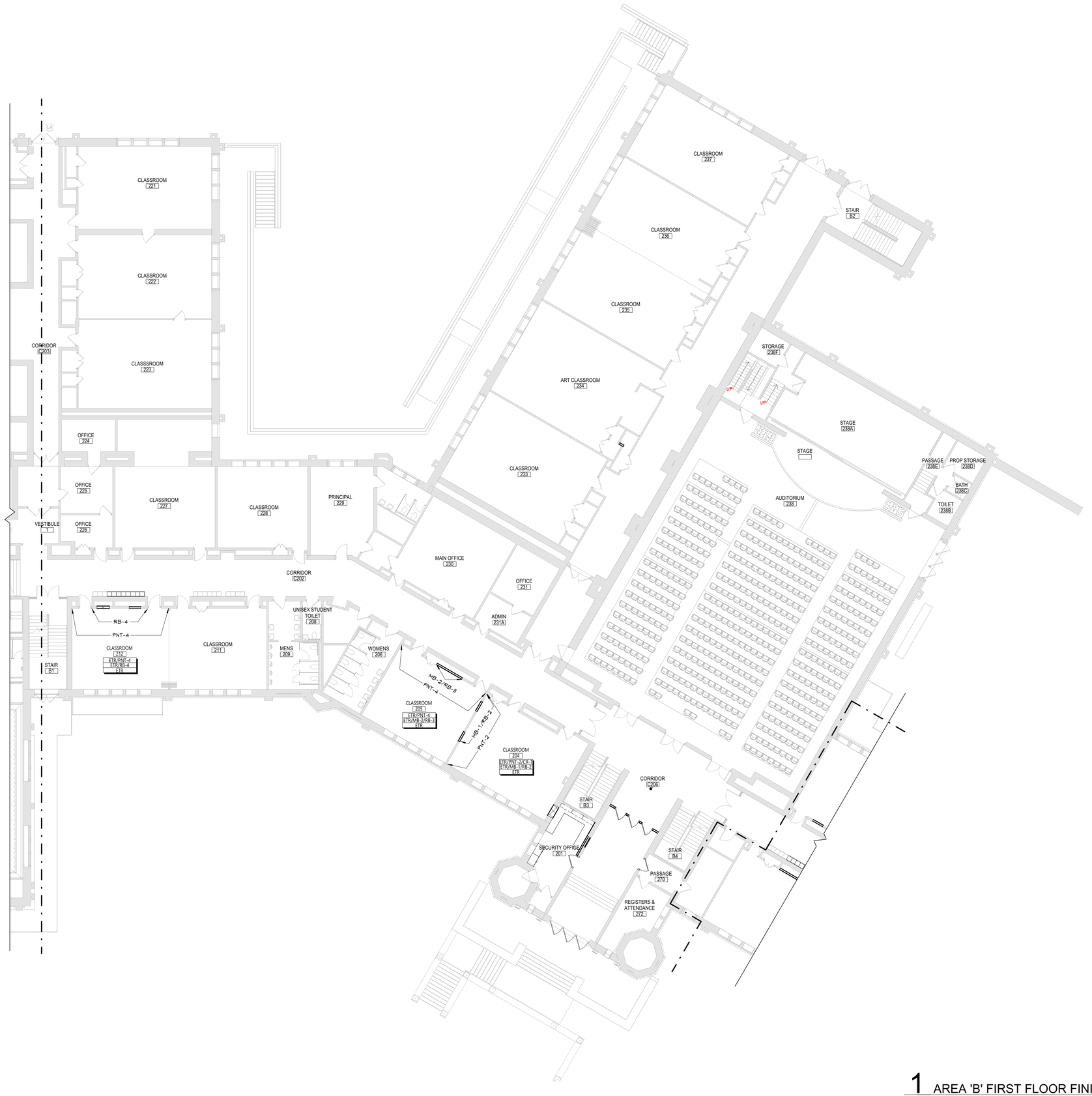
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CSArch Proj. #:	188-2301.02
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Sheet Title
AREA 'C' - PARTIAL GROUND FLOOR FINISH PLAN

Sheet No.
IEYMS
AF106

CONSTRUCTION DOCUMENTS

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1 AREA 'B' FIRST FLOOR FINISH PLAN
AF112 3/32" = 1'-0"

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GENERAL FINISH NOTES

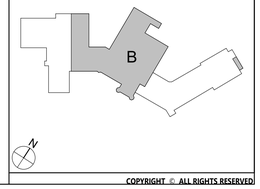
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FINISH KEYS

Room Name
101
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Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
JOHN M. INTERRANTE
P.E.33347
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

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Checked By:	MZ
Proj. #:	66-11-00-01-0-003-018
CSArch Proj. #:	188-2301.02
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Sheet Title
AREA 'B' - PARTIAL FIRST FLOOR FINISH PLAN

Sheet No.
IEYMS
AF112

CONSTRUCTION DOCUMENTS

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1 AREA 'C' FIRST FLOOR FINISH PLAN
AF116 3/32" = 1'-0"

DISCLAIMER NOTE

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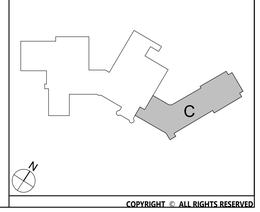
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PNT-# ACCENT PAINT LOCATION

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

Project Title

REGISTERED ARCHITECT · JOHN M. INTERRANTE · 032344 · STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 02/28/2025

#	DATE	DESCRIPTION

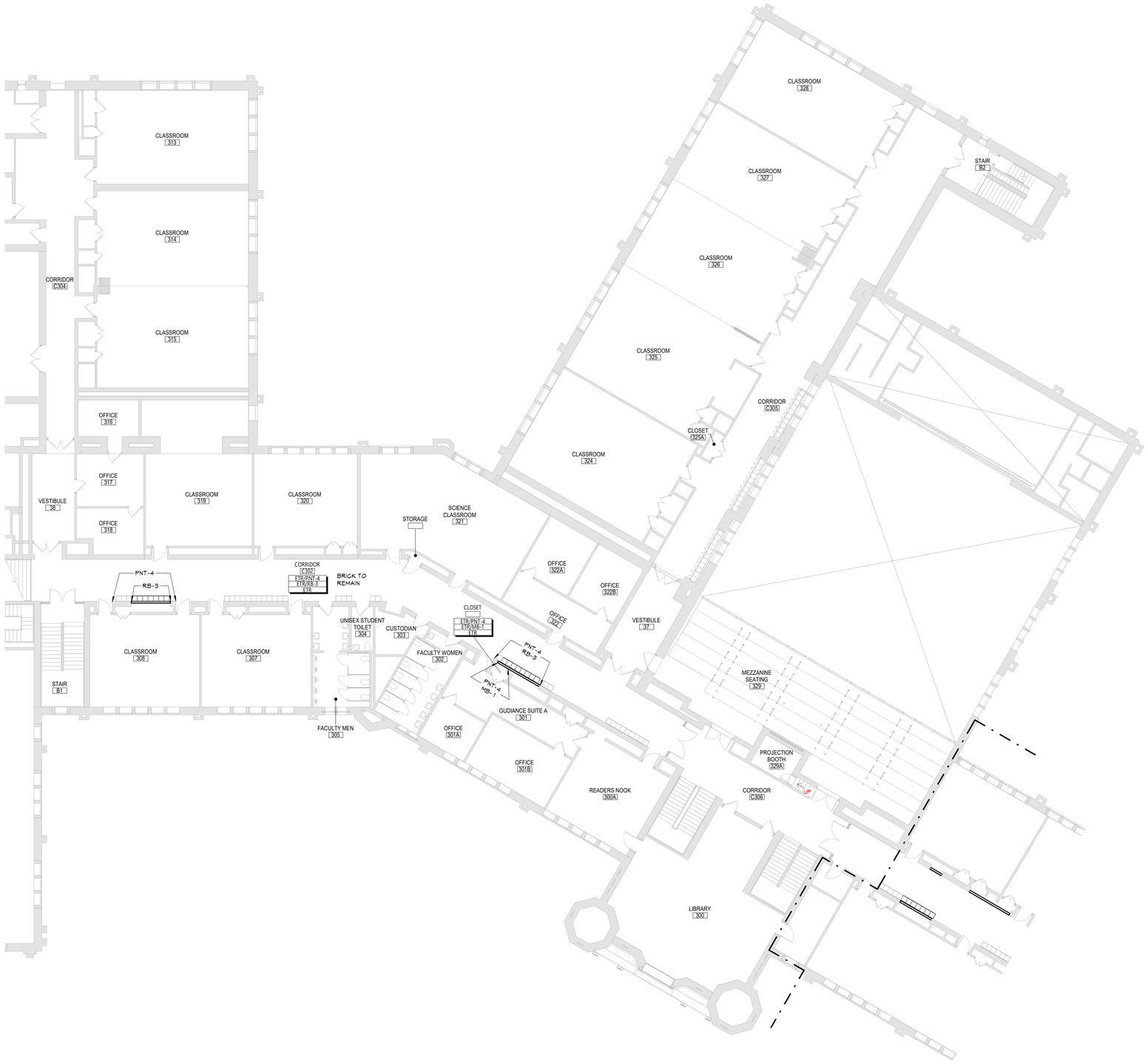
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Sheet Title
AREA 'C' - PARTIAL FIRST FLOOR FINISH PLAN

Sheet No.
IEYMS
AF116

CONSTRUCTION DOCUMENTS

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1 AREA 'B' SECOND FLOOR FINISH PLAN
AF125 3/32" = 1'-0"

DISCLAIMER NOTE

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ABBREVIATIONS

ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CR	CHAIR RAIL
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
LVT	LUXIRY VINYL TILE
MB	MILLWORK BASE
MSS	MUSIC STORAGE SYSTEM
MWP	METAL WALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCONC	SEALED CONCRETE
SS	SOLID SURFACE
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES

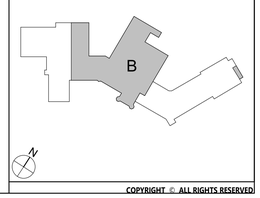
1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
2. WHEN ANY WORK IS PERFORMED ON ANY EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED CORNER TO CORNER, UNLESS NOTED OTHERWISE.
3. ALL NEW GWB CEILINGS, FASCIAS, AND SOFFITS TO BE PAINTED.

FINISH KEYS

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

KEY PLAN



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Consultant

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

Project Title



#	DATE	DISCRIPTION

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Sheet Title
AREA 'B' - PARTIAL SECOND FLOOR FINISH PLAN

Sheet No.
IEYMS
AF125

CONSTRUCTION DOCUMENTS

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1 AREA 'C' SECOND FLOOR FINISH PLAN
AF126 3/32" = 1'-0"

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PLAS	PLASTER
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WD	WOOD
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GENERAL FINISH NOTES

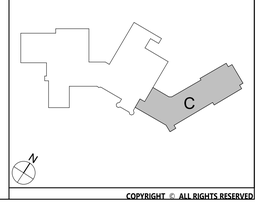
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FINISH KEYS

Room Name
101
Wall Finish
Base Finish
Floor Finish
= Finish Tag

PNT-# ACCENT PAINT LOCATION

KEY PLAN



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

Project Title

REGISTERED ARCHITECT
THOMAS M. RITZENTHALER
023343
STATE OF NEW YORK
REGISTRATION EXPIRATION DATE: 03/28/2025

NO.	DATE	DESCRIPTION

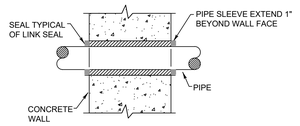
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Sheet Title
AREA 'C' - PARTIAL SECOND FLOOR FINISH PLAN

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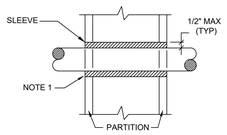
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1 P001 **Exterior Wall Pipe Penetrations**

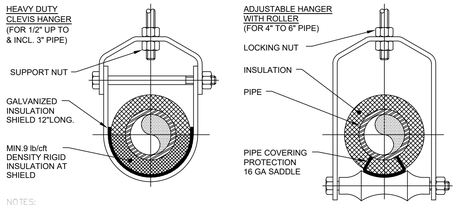
N.T.S.



NOTES:
1. AT FIRE RATED PARTITIONS, ADD ADDITIONAL LAYER OF FIRE SAFING INSULATION AROUND PENETRATION SO AS TO FILL CAVITY.
2. DUCT AND PIPE PENETRATIONS THRU CORRIDOR WALLS ABOVE THE CEILING ARE TO BE FIRE STOPPED AROUND THE PENETRATION.

2 P001 **Pipe Penetrations Detail**

N.T.S.

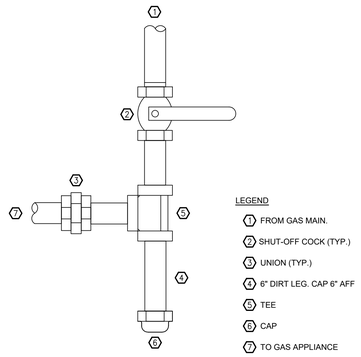


NOTES:
1. PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS.
2. FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

PIPE Ø (IN.)	MAX. SPACING BETWEEN HANGERS (FT.)			MIN. ROD SIZE (IN.)
	STEEL PIPE	COPPER PIPE	CPVC	
1/2 THRU 1	7	5	5	3/8
1-1/2 THRU 2	9	8	6	3/8
2-1/2	11	9	7.5	1/2
3	12	10	7.5	1/2
4	14	12	8.5	5/8
6	17	14	9	3/4
8	19	16	10	7/8
10	22	18	10.5	7/8

3 P001 **Pipe Hanger Support**

N.T.S.



4 P001 **Gas Piping Appliance Connection Detail**

N.T.S.

Plumbing Legend:

	DOMESTIC COLD WATER SUPPLY
	110 °F DOMESTIC HOT WATER SUPPLY
	140 °F DOMESTIC HOT WATER SUPPLY
	HOT WATER RETURN
	SANITARY SEWER, ABOVE GRADE
	SANITARY SEWER, BELOW GRADE
GV GV	GREASE WASTE, BELOW GRADE
	PLUMBING VENT
	STORM WATER, ABOVE GRADE
	STORM WATER, BELOW GRADE
NG NG	NATURAL GAS PIPING
	DIRECTION OF PIPE SLOPE (DOWN)
	CONCENTRIC REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	RISE OR DROP IN PIPE
	UNION
	PIPE UP
	PIPE DOWN
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	STRAINER
	HOSE BIB
	SOLENOID VALVE
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	FULL PORT BALL VALVE
	PRESSURE GAUGE
	PRESSURE REDUCING VALVE (PRV)
	DRAIN VALVE
	FLEXIBLE PIPING CONNECTION
C.O.	CLEANOUT
W.C.O.	WALL CLEANOUT
F.C.O.	FLOOR CLEANOUT
C.O.T.G.	CLEANOUT TO GRADE
D.C.O.T.G.	DOUBLE CLEANOUT TO GRADE
P-X	PLUMBING FIXTURE MARK

Plumbing Notes:

1. 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.
2. 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.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
5. 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.
6. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 PLUMBING CODE OF NEW YORK STATE, 2020 FUEL GAS CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
7. WHERE THE PROJECT INVOLVES A GAS SERVICE, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL GAS UTILITY COMPANY. ALL WORK INVOLVING THE GAS UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
8. ALL DOMESTIC COLD AND HOT WATER PIPING AND FITTINGS ARE TO BE INSULATED WITH 1" THICK RIGID ONE-PIECE MOLDED SECTIONAL FIBERGLASS PIPE COVERING WITH UNIVERSAL JACKET. ALL JOINTS ARE TO BE COMPLETELY SEALED A MINIMUM OF 6" BEYOND JOINT ENDS.
9. ALL PIPING 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.
10. ALL EXPOSED PIPING, FITTINGS, TRAPS, ESCUTCHEONS, VALVES, ETC. SHALL BE CHROME PLATED.
11. SLOPE SANITARY DRAINAGE PIPING 2" DIAMETER AND SMALLER NOT LESS THAN 1/4" PER FOOT. SLOPE SANITARY DRAINAGE PIPING OVER 2" DIAMETER NOT LESS THAN 1/8" PER FOOT.
12. INSTALL A CLEANOUT AT THE BASE OF EACH SOIL STACK, AT EACH CHANGE IN DIRECTION, AT INTERVALS NOT OVER 50 FEET AND ELSEWHERE AS SHOWN ON DRAWINGS OR REQUIRED BY CODE.
13. PROVIDE EXPOSED PIPING WITH CHROME PLATED CAST BRASS ESCUTCHEON WITH SET SCREW WHERE PENETRATING FLOORS, CEILINGS, WALLS OR PARTITIONS.
14. TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND/OR AS SPECIFIED. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
    - 14.1. WATER & GAS PIPING TO BE AIR-PRESSURE TESTED TO 1-1/2 TIMES MAXIMUM WORKING PRESSURE.
    - 14.2. DRAINAGE, WASTE & VENT PIPING TO BE TESTED BY FILLING THE SYSTEM WITH WATER TO 10-FEET ABOVE HIGHEST POINT.
15. SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.
16. INSTALL VALVES ON THE ENTIRE DISTRIBUTION SYSTEM, SO LOCATED AS TO GIVE COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.
17. INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING SYSTEM.
18. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
19. 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.
20. CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

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Consultant
BLAKE ENGINEERING PLLC
ANY NOTES NOTED AS A CONSULTANT'S REPORT ARE NOT PART OF THIS CONTRACT

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



Expiration Date: 05-31-2025

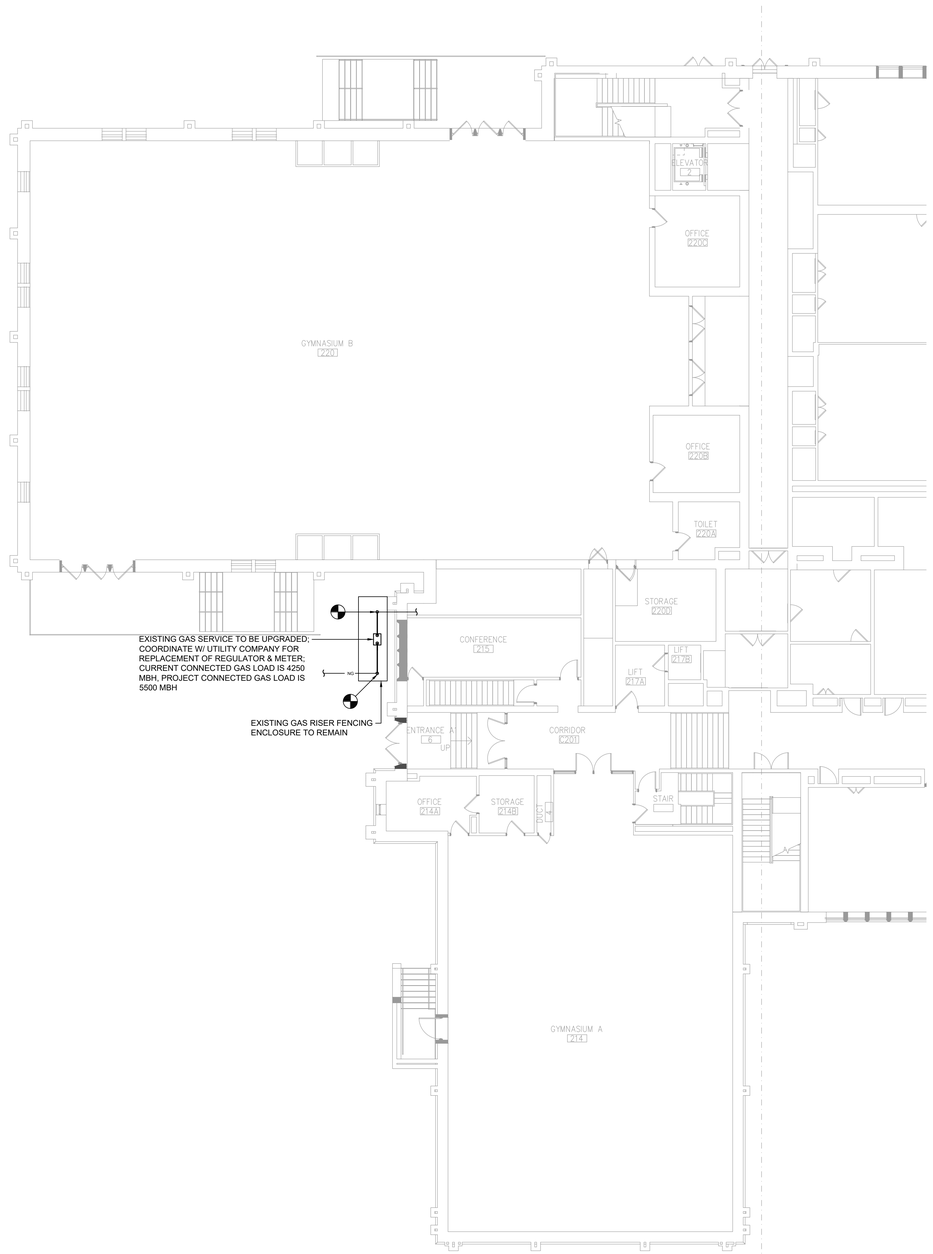
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Sheet Title
PLUMBING NOTES, SCHEDULE, LEGEND & DETAILS

Sheet No.
IEYMS P001

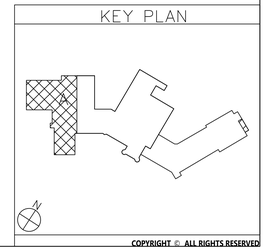
CONSTRUCTION DOCUMENTS



1 / P111 Area A 1st Floor Plumbing Plan

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

KEY PLAN



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BLAKE ENGINEERING PLLC
MEP/FP CONSULTING & ENGINEERING SERVICES

Project Title

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

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
090689
LICENSED PROFESSIONAL ENGINEER

Expiration Date: 05-31-2025

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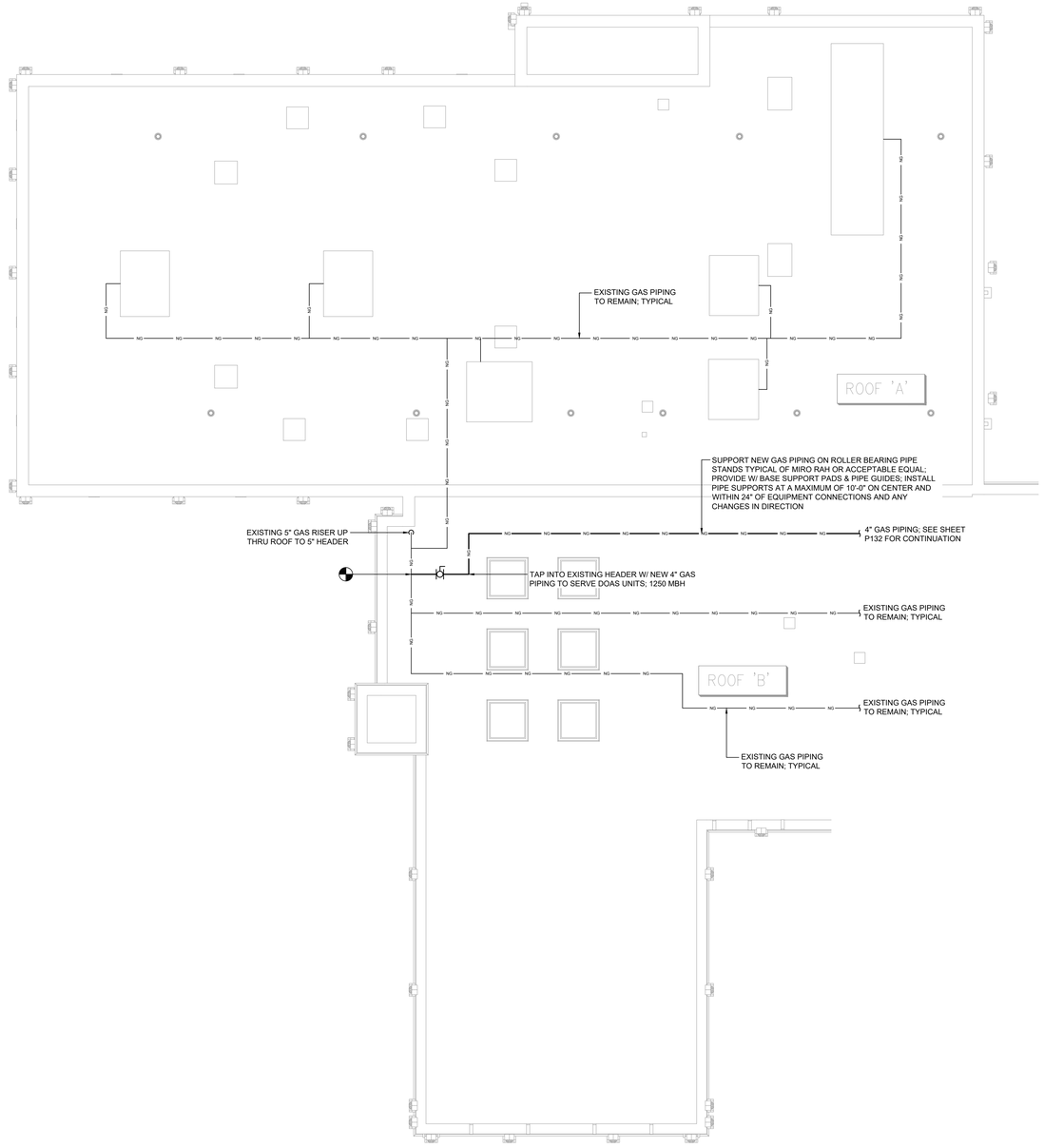
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AREA A
1ST FLOOR
PLUMBING
PLAN

Sheet No.

IEYMS
P111

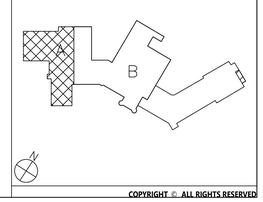
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1 / P131 Area A Roof Plumbing Plan

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

KEY PLAN



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Consultant
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Project Title

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

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
090669
LICENSED PROFESSIONAL ENGINEER

Expiration Date: 05-31-2025

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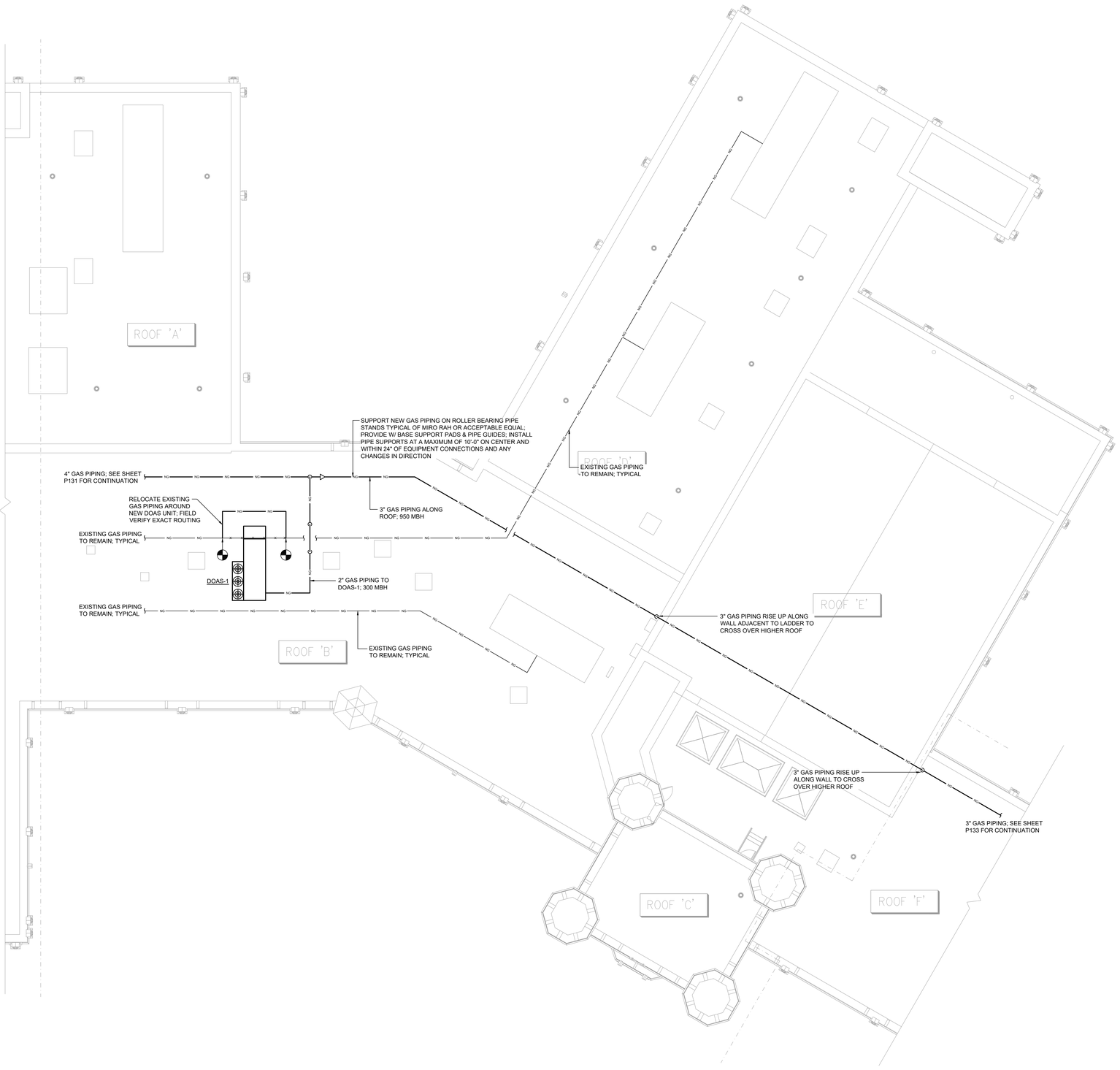
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AREA A
ROOF
PLUMBING
PLAN

Sheet No.

IEYMS
P131

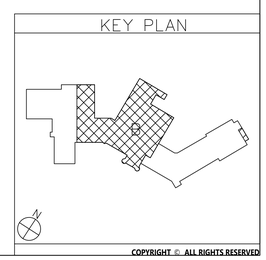
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1 / P132 Area B Roof Plumbing Plan

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

KEY PLAN



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BLAKE ENGINEERING PLLC
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Project Title

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

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
089039
LICENSED PROFESSIONAL ENGINEER

Expiration Date: 05-31-2025

	DATE	DESCRIPTION
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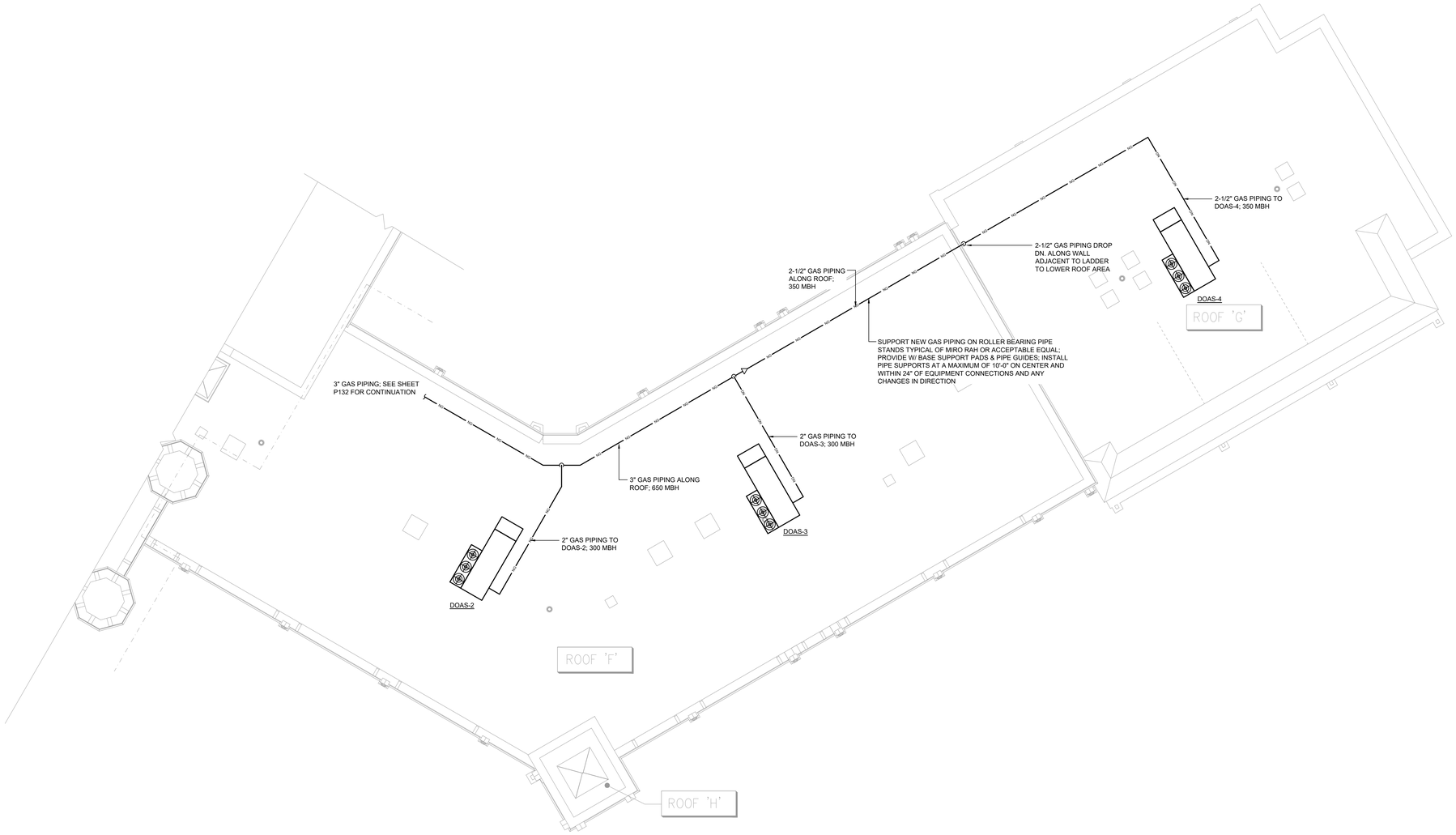
AREA B ROOF PLUMBING PLAN

Sheet No.

IEYMS P132

CONSTRUCTION DOCUMENTS

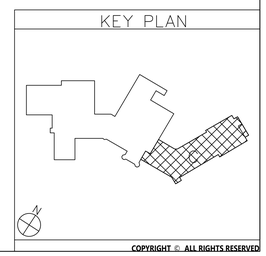
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1 / P133 Area C Roof Plumbing Plan

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

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Project Title

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

MATTHEW GEORGE BLAKE
089039
LICENSED PROFESSIONAL ENGINEER
STATE OF NEW YORK

Expiration Date: 05-31-2025

	DATE	DESCRIPTION

Drawn By:	BJK
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Sheet Title

AREA C ROOF PLUMBING PLAN

Sheet No.

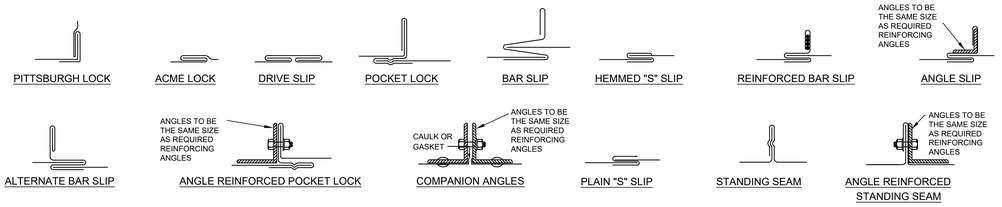
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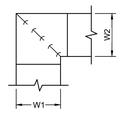
CONSTRUCTION DOCUMENTS

THICKNESS & REINFORCING SCHEDULE - * LOW PRESSURE DUCTWORK

* NOTE: LOW PRESSURE DUCTWORK SHALL BE DUCTWORK IN WHICH THE PRESSURE DOES NOT EXCEED 2" WATER GAUGE.

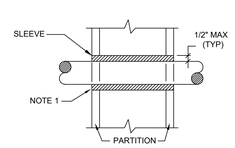
GREATEST DUCT DIMENSION	STEEL DUCTS U.S. STANDARD GAUGE	ALUMINUM DUCTS B & S GAUGE	LONGITUDINAL SEAM	TRANSVERSE JOINT SMALLEST DIMENSION	TRANSVERSE JOINT GREATEST DIMENSION	REINFORCING (ALL DUCTS 18" THRU 54" SHALL BE CROSSBROKEN)
12" OR LESS	26	24(0.020")	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
13" THRU 18"	24	22(0.025")	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
19" THRU 30"	24	22(0.025")	PITTSBURGH OR ACME LOCK	HEMMED "S" SLIP OR BAR SLIP OR DRIVE SLIP OR 1" POCKET LOCK	HEMMED "S" SLIP OR BAR SLIP OR 1" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
31" THRU 42"	22	20(0.032")	PITTSBURGH OR ACME LOCK	DRIVE SLIP 18" OR LESS BAR SLIP REIN-FORCED BAR SLIP OR POCKET LOCK	BAR SLIP OR REIN-FORCED BAR SLIP OR POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
43" THRU 54"	22	20(0.032")	PITTSBURGH LOCK	1 1/4" BAR SLIP, OR RE-INFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	1 1/4" BAR SLIP, OR RE-INFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
55" THRU 60"	20	18(0.040")	PITTSBURGH LOCK	1 1/4" BAR SLIP, OR RE-INFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	1 1/4" BAR SLIP, OR RE-INFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
61" THRU 84"	20	18(0.040")	PITTSBURGH LOCK	REINFORCED BAR SLIP, OR ANGLE SLIP, ALTER-NATE BAR SLIP, OR AN-GLE REINFORCED POCKET LOCK	REINFORCED BAR SLIP, OR ANGLE SLIP, ALTER-NATE BAR SLIP, OR AN-GLE REINFORCED POCKET LOCK	REINFORCE ALL SIDES OVER 60" WITH 1 1/2"X1 1/2"X1/8" ANGLES ON 2'-0" CENTERS. SIDES UNDER 60" NEED NO REINFORCING IF JOINTS ARE ON 4'-0" CENTERS. IF JOINTS ARE ON 8'-0" CENTERS REINFORCE WITH 1 1/2"X 1 1/2"X1/8" ANGLES ON 4'-0" CENTERS.
85" THRU 96"	18	16(0.051") (LONGITUDINAL SEAM MAY BE STANDING SEAM)	PITTSBURGH LOCK	1 1/2" COMPANOIN AN-GLES, OR ANGLE RE-INFORCED POCKET LOCK, OR 1 1/2" ANGLE SLIP OR REINFORCED BAR SLIP	1 1/2" COMPANOIN AN-GLES, OR ANGLE RE-INFORCED POCKET LOCK, OR 1 1/2" ANGLE SLIP OR REINFORCED BAR SLIP	REINFORCE ALL SIDES OVER 84" WITH 1 1/2"X1 1/2"X3/16" ANGLES ON 2'-0" CENTERS. SIDES 61" THRU 84" REINFORCE WITH 1 1/2"X1 1/2"X1/8" ANGLES ON 2'-0" CENTERS. SIDES 60" OR LESS NEED NO REINFORCING IF JOINTS ARE ON 4'-0" CENTERS. IF JOINTS ARE ON 8'-0" CENTERS REINFORCE WITH 1 1/2"X 1 1/2"X1/8" ANGLES ON 4'-0" CENTERS.
OVER 96"	18	16(0.051") (LONGITUDINAL SEAM MAY BE STANDING SEAM)	PITTSBURGH LOCK	2" COMPANOIN ANGLE, OR 2"X2"X1/4" ANGLE SLIP, OR 2"X2"X1/4" ANGLE REINFORCED POCKET LOCK OR REINFORCED BAR SLIP	2" COMPANION ANGLE, OR 2"X2"X1/4" ANGLE SLIP, OR 2"X2"X1/4" ANGLE REINFORCED POCKET LOCK OR REINFORCED BAR SLIP	REINFORCE ALL SIDES OVER 96" WITH 2"X2"X1/4" ANGLES ON 2'-0" CENTERS REINFORCE ALL SIDES 85" THRU 96" WITH 1 1/2"X1 1/2"X3/16" ANGLES ON 2'-0" CENTERS. REINFORCE ALL SIDES 61" THRU 84" WITH 1 1/2"X1 1/2"X1/8" ANGLES ON 2'-0" CENTERS. REINFORCE ALL SIDES UNDER 60" WITH 1 1/2"X1 1/2"X1/8" ANGLES IF JOINTS ARE 8'-0" ON CENTER. NO REINFORCING IF JOINTS ARE 4'-0" ON CENTER.





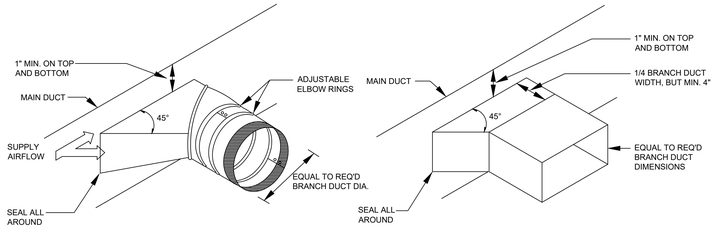
NOTE:
1. ALL VANED ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 IS NOT EQUAL TO W2, VANE SHALL BE SINGLE VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE VANES SHALL HAVE A 2" RADIUS, 1-1/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" VANES SHALL BE DOUBLE VANE TYPE.

2 M001 Ductwork Squared Elbow Detail
N.T.S.

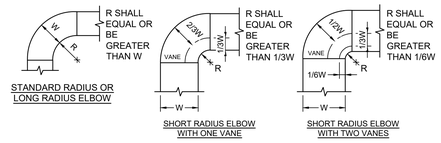


NOTES:
1. AT FIRE RATED PARTITIONS, ADD ADDITIONAL LAYER OF FIRE SAFING INSULATION AROUND PENETRATION SO AS TO FILL CAVITY.
2. DUCT AND PIPE PENETRATIONS THRU CORRIDOR WALLS ABOVE THE CEILING ARE TO BE FIRE STOPPED AROUND THE PENETRATION.

3 M001 Pipe Penetrations Detail
N.T.S.

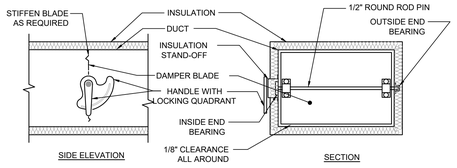


4 M001 Typical Branch Take-Off Fitting Detail
N.T.S.



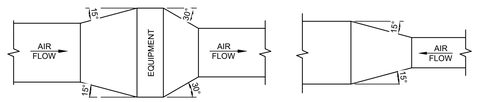
NOTE:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

5 M001 Ductwork Radius Elbow Detail
N.T.S.



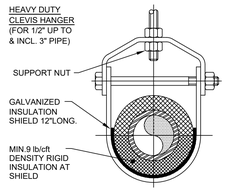
NOTE:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE-BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

6 M001 Ductwork Volume Damper Detail
N.T.S.



NOTE:
UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

7 M001 Ductwork Transition Detail
N.T.S.



NOTES:
1. PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS.
2. FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

PIPE Ø (IN.)	MAX. SPACING BETWEEN HANGERS (FT.)			MIN. ROD SIZE (IN.)
	STEEL PIPE	COPPER PIPE	CPVC	
1/2 THRU 1	7	5	5	3/8
1-1/2 THRU 2	9	8	6	3/8
2-1/2	11	9	7.5	1/2
3	12	10	7.5	1/2
4	14	12	8.5	5/8
6	17	14	9	3/4
8	19	16	10	7/8
10	22	18	10.5	7/8

1 M001 Pipe Hanger Support
N.T.S.

Mechanical Legend :

UP DN — SUPPLY DUCT (UP & DOWN)

UP DN — EXHAUST DUCT (UP & DOWN)

UP DN — RETURN DUCT (UP & DOWN)

ROUND AND SQUARE 4-WAY CEILING DIFFUSERS

SQUARE 3-WAY CEILING DIFFUSERS

SQUARE 2-WAY CEILING DIFFUSERS

SQUARE 1-WAY CEILING DIFFUSERS

LINEAR SLOT DIFFUSER

SUPPLY TOP REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN CEILING REGISTER OR GRILLE

EXHAUST OR RETURN BOTTOM REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN REGISTER OR TOP GRILLE (WALL TYPE)

VANED ELBOW & AIR SPLIT TYPE DUCT TAKE-OFF

MANUAL SPLITTER DAMPER

45° SUPPLY — STANDARD BRANCH SUPPLY OR RETURN, NO SPLITTER (45° TAP)

45° RETURN

VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)

VANED ELBOW (SHORT RADIUS)

STANDARD RADIUS ELBOW (LONG RADIUS); INSIDE RADIUS R TO BE EQUAL TO OR GREATER THAN W

X"xX" — NEW DUCT (INSIDE DIMENSIONS: WIDTH x DEPTH)

FLEXIBLE DUCTWORK (INSULATED)

MANUAL VOLUME DAMPER

FD — FIRE DAMPER

FSD — COMBINATION FIRE SMOKE DAMPER

S — DUCT SMOKE DETECTOR

X / X — TERMINAL UNIT TAG / AIRFLOW (CUBIC FEET PER MINUTE)

NG NG — NATURAL GAS PIPING

CONCENTRIC REDUCER OR INCREASER

ECCENTRIC REDUCER

TOP CONNECTION, 45° OR 90°

BOTTOM CONNECTION, 45° OR 90°

SIDE CONNECTION

CAPPED OUTLET

RISE OR DROP IN PIPE

UNION

PIPE UP

PIPE DOWN

POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK

3-WAY MODULATING CONTROL VALVE

CHECK VALVE

PRESSURE REDUCING VALVE (PRV)

FULL PORT BALL VALVE

(X GPM) — MANUAL BALANCE VALVE (CIRC. SETTER)

(X GPM) — AUTOMATIC BALANCE VALVE (FLO-SETTER)

FLEXIBLE PIPING CONNECTION

WYE STRAINER W/ VALVE & HOSE CONN.

INLINE PUMP

THERMOMETER

PRESSURE GAUGE

TEMPERATURE & PRESSURE GAUGE

DRAIN VALVE

PRESSURE RELIEF VALVE

Mechanical Notes:

1. 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.
2. 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.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. 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.
5. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
6. A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER 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.
7. 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.
8. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 MECHANICAL CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
9. ALL PIPING 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.
10. ALL PIPING SHALL BE PITCHED SUCH THAT AIR IN THE SYSTEM CAN BE VENTED THROUGH MANUAL AIR VENTS.
11. TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS TO TWICE THE SYSTEM WORKING PRESSURE. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
12. SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.
13. INSTALL VALVES ON THE ENTIRE DISTRIBUTION SYSTEM, SO LOCATED AS TO GIVE COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.
14. INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING SYSTEM. INSTALL MANUAL AIR VENT VALVE FACILITIES AT THE TOP OF ALL RISERS AND AT HIGH POINTS OF THE PIPING SYSTEM.
15. INSTALL ALL HYDRONIC PIPING AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
16. THE ENTIRE HYDRONIC SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED WATER FLOWRATE REQUIREMENTS. A CERTIFIED BALANCING REPORT AND VERIFICATION IS TO BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE.
17. ALL DUCTWORK IS TO BE CONSTRUCTED OF GALVANIZED SHEET STEEL (EXCEPT WHERE OTHERWISE SPECIFIED) WITH GAUGES, BRACING AND CONSTRUCTION IN ACCORDANCE WITH THE LATEST SMACNA DUCT MANUAL STANDARDS AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
18. PROVIDE MANUAL DAMPERS AT EACH SPLIT OR TAP CONNECTION TO TRUNK DUCTS FOR BALANCING PURPOSES WHETHER OR NOT SPECIFICALLY SHOWN ON DRAWINGS. EACH DAMPER SHALL BE OF THE OPPOSED BLADE DAMPER TYPE INSTALLED WITH AN OPERATOR AND LOCKING DEVICE. ALL DAMPERS LOCATED ABOVE HARD OR INACCESSIBLE CEILINGS SHALL BE INSTALLED WITH REMOTE GEAR OPERATORS.
19. FURNISH & INSTALL FUSIBLE LINK FIRE DAMPERS AT ALL LOCATIONS WHERE DUCT PENETRATES FIRE-RATED FLOOR OR CEILING ASSEMBLY WHETHER OR NOT SPECIFICALLY SHOWN. INSTALL DUCTWORK CASING ACCESS DOORS AND FRAMES AHEAD OF EACH FIRE DAMPER FOR INSPECTION AND MAINTENANCE. DOORS SHALL BE A MINIMUM OF 20 GA. DOUBLE PANEL INSULATED TYPE.
20. INSTALL TURNING VANES ON ALL RECTANGULAR TURNS. TURNING VANES SHALL BE DOUBLE THICKNESS TYPE CONSTRUCTED IN ACCORDANCE WITH SMACNA MANUAL.
21. ROUND SHEET STEEL ELBOWS ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL SUPPLY AIR DIFFUSERS. SHEET STEEL PLENUM BOXES ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL RETURN AND EXHAUST AIR GRILLES. THE CONTRACTOR IS TO PAINT THE INSIDE OF THE SHEET STEEL PLENUM BOXES FLAT BLACK.
22. INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
23. THE ENTIRE AIR DISTRIBUTION SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED AIRFLOW REQUIREMENTS.
24. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
25. 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.
26. CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

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ISAAC E YOUNG MIDDLE SCHOOL
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Sheet Title

MECHANICAL NOTES, LEGEND, SCHEDULE & DETAILS

Sheet No.

IEYMS M001

CONSTRUCTION DOCUMENTS

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PACKAGED HVAC UNIT SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	AREA OF BUILDING SERVED	NOMINAL CAPACITY (TONS)	TOTAL SUPPLY AIRFLOW (CFM)	OUTSIDE AIR SUPPLIED (CFM)	SUPPLY FAN ESP (IN. H_2O)	EXHAUST FAN ESP (IN. H_2O)	COOLING CAPACITY @ 95°F OUTDOOR D.B.							GAS HEATING CAPACITY					ERV SUMMER PERFORMANCE				ERV WINTER PERFORMANCE				ENERGY RECOVERY				ELECTRICAL DATA															TOTAL WEIGHT (LB)	NOTES
									GROSS TOTAL CAPACITY (MBH)	GROSS SENSIBLE CAPACITY (MBH)	GROSS LATENT CAPACITY (MBH)	COIL E.A.T.		COIL L.A.T.		INPUT (MBH)	OUTPUT (MBH)	STAGES (QTY.)	E.A.T. DB (°F)	L.A.T. DB (°F)	AFUE (%)	OA DB (°F) / WB (°F)	SA DB (°F) / WB (°F)	RA DB (°F) / WB (°F)	EA DB (°F) / WB (°F)	OA DB (°F) / WB (°F)	SA DB (°F) / WB (°F)	RA DB (°F) / WB (°F)	EA DB (°F) / WB (°F)	SUMMER EFF.		WINTER EFF.		SUPPLY FAN MOTOR			EXH. FAN MOTOR			UNIT POWER									
												DB (°F)	WB (°F)	DB (°F)	WB (°F)																															
																															LAT.	SENS.	LAT.	SENS.	EFF.	HP	RPM	EFF.	HP	RPM	VOLT.	PHASE	Hz.	FLA	MCA	MOCP	
DOAS-1	TRANE	OADG015C1	CLASSROOMS	15	4,850	4,850	2.00	1.50	191.6	138.1	53.5	79.2	66.2	52.7	52.7	300	243	MODULAT.	51.8	98	80	89.5 / 73.4	79.3 / 66.2	75.0 / 62.5	85.0 / 70.2	8.7 / 5.9	51.8 / 43.1	72.0 / 55.9	27.7 / 25.4	66	70	66	70	PREM	7.5	1760	PREM	5	1760	208	3	60	92.6	99	110	4,247	NOTES 1 THRU 12
DOAS-2	TRANE	OADG020C1	CLASSROOMS	20	6,125	6,125	2.00	1.50	233.3	168.1	65.2	80.0	66.8	54.4	54.1	300	243	MODULAT.	48.3	87.7	80	89.5 / 73.4	80.0 / 66.8	75.0 / 62.5	84.6 / 69.6	8.7 / 5.9	48.3 / 40.6	72.0 / 55.9	31.0 / 28.2	61	65	61	65	PREM	10	1760	PREM	5	1760	208	3	60	107.8	115.3	125	4,278	NOTES 1 THRU 12
DOAS-3	TRANE	OADG015C1	CLASSROOMS	15	5,570	5,570	2.00	1.50	197.9	149.4	48.5	79.7	66.6	54.7	54.7	300	243	MODULAT.	49.8	90	80	89.5 / 73.4	79.7 / 66.36	75.0 / 62.5	84.6 / 69.9	8.7 / 5.9	49.8 / 41.7	72.0 / 55.9	29.6 / 27.0	63	67	63	67	PREM	7.5	1760	PREM	5	1760	208	3	60	92.6	99	110	4,247	NOTES 1 THRU 12
DOAS-4	TRANE	OADG020C1	CLASSROOMS	20	6,200	6,200	2.00	1.50	234.1	169.2	64.9	80.1	66.9	54.7	54.3	350	283.5	MODULAT.	48.1	90.2	80	89.5 / 73.4	80.1 / 66.8	75.0 / 62.5	84.2 / 69.6	8.7 / 5.9	48.1 / 40.5	72.0 / 55.9	31.2 / 28.3	60	64	60	64	PREM	10	1760	PREM	5	1760	208	3	60	107.8	115.3	125	4,310	NOTES 1 THRU 12

1. ELECTRICAL CONNECTION TO BE SINGLE POINT
2. PROVIDE WITH FACTORY DISCONNECT SWITCH
3. PROVIDE CONDENSATE DRAIN WITH DEEP VENTED TRAP
4. FURNISH W/ ENERGY RECOVERY WHEEL W/ BYPASS DAMPER
5. PROVIDE W/ 2" PLEATED, MERV-13 FILTERS
6. PROVIDE W/ ECONOMIZER & POWERED EXHAUST
7. PROVIDE W/ AIRFLOW MEASUREMENT DEVICES TO MEASURE SUPPLY AND OUTSIDE AIR
8. PROVIDE W/ MODULATING HOT GAS REHEAT
9. PROVIDE W/ FACTORY WIRED 115V CONVENIENCE OUTLET
10. PROVIDE W/ 24" HIGH VIBRATION ISOLATED ROOF CURB
11. PROVIDE W/ FACTORY INSTALLED SUPPLY & RETURN SMOKE DETECTORS
12. PROVIDE WITHOUT FACTORY CONTROLS, TO BE FIELD INSTALLED & CONNECTED TO BMS

AIR GRILLE/DIFFUSER SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	AIR DEVICE TYPE	AIRFLOW (CFM)		MAX AIR PRESS. DROP (IN. W.C.)	MOUNTING	PANEL/FRAME SIZE (IN.)	NECK SIZE (IN.)	MAX NC	DAMPER	FINISH	NOTES
				MIN.	MAX.								
D-1	KRUEGER	5DMGDR-H-14-8-12-01-81	DUCT MOUNTED SUPPLY GRILLE	0	330	0.10	DUCT MTD.	15-3/8"x9-3/4"	14"x8"	20	OBD	CLEAR ANOD.	-
D-2	KRUEGER	PLQ-8-F23-24x24-PR10-IB-44	SQUARE PLAQUE FACE DIFFUSER	176	300	0.10	LAY-IN	24"x24"	8"Ø	20	OBD	WHITE	PROVIDE W/ INSULATED BLANKET ON BACKPAN
D-3	KRUEGER	PLQ-10-F23-24x24-PR10-IB-44	SQUARE PLAQUE FACE DIFFUSER	301	425	0.10	LAY-IN	24"x24"	10"Ø	20	OBD	WHITE	PROVIDE W/ INSULATED BLANKET ON BACKPAN
D-4	KRUEGER	PLQ-12-F23-24x24-PR10-IB-44	SQUARE PLAQUE FACE DIFFUSER	426	600	0.10	LAY-IN	24"x24"	12"Ø	20	OBD	WHITE	PROVIDE W/ INSULATED BLANKET ON BACKPAN
D-5	KRUEGER	880-H-18-10-F22-NONE-00-01-00-44	DOUBLE DEFLECTION SUPPLY GRILLE	0	700	0.10	WALL MTD. SUPPLY GRILLE	20"x12"	18"x10"	20	OBD	WHITE	-
R-1	KRUEGER	S80P-20x20-F23-24x24-00-00-00-44	PERFORATED FACE RETURN GRILLE	0	1,600	0.10	LAY-IN	24"x24"	20"x20"	25	-	WHITE	FURNISH & INSTALL FULL-SIZE SHEET METAL PLENUM BOX ON REAR OF GRILLE. PAINT INSIDE FLAT BLACK
R-2	KRUEGER	S80H-18x10-F22-NONE-00-00-00-44	35° DEFLECTION RETURN GRILLE	0	700	0.10	WALL SURFACE MTD.	20"x12"	18"x10"	25	-	WHITE	FURNISH & INSTALL FULL-SIZE SHEET METAL PLENUM BOX ON REAR OF GRILLE. PAINT INSIDE FLAT BLACK

VENTILATION SCHEDULE

SYSTEM	SPACE SERVED	SPACE TYPE	SPACE AREA (SQ. FT.)	OCCUPANTS PER 1000 SQ. FT.	# OF OCCUPANTS (NOTE 1)	CFM PER PERSON	CFM PER SQ. FT.	CALCULATED VENTILATION RATE (CFM)	ZONE AIR DISTRIBUTION EFFECTIVENESS	ADJUSTED VENTILATION RATE (CFM)	PROVIDED VENTILATION RATE (CFM)	EA CFM PER FIXTURE	EA CFM PER SQ. FT.	MIN. EA RATE (CFM)	EA PROVIDED (CFM)
DOAS-1	CLASSROOM 104	CLASSROOM	1100	20	22	10	0.18	418	0.8	523	550	-	0.5	550	550
	CLASSROOM 108	CLASSROOM	1185	20	24	10	0.18	453	0.8	567	600	-	0.5	592	600
	CORRIDOR C102	CORRIDOR	1650	-	-	-	0.06	99	0.8	124	125	-	-	-	125
	CLASSROOM 204	CLASSROOM	667	35	30	10	0.12	380	0.8	475	475	-	-	-	475
	CLASSROOM 205	CLASSROOM	556	35	30	10	0.12	367	0.8	458	475	-	-	-	475
	CLASSROOM 211	CLASSROOM	558	35	30	10	0.12	367	0.8	459	475	-	-	-	475
	CLASSROOM 212	CLASSROOM	558	35	30	10	0.12	367	0.8	459	475	-	-	-	475
	CORRIDOR C202	CORRIDOR	1597	-	-	-	0.06	96	0.8	120	125	-	-	-	125
	READERS NOOK 300A	CLASSROOM	458	35	30	10	0.12	355	0.8	444	475	-	-	-	475
	CLASSROOM 307	CLASSROOM	558	35	30	10	0.12	367	0.8	459	475	-	-	-	475
	CLASSROOM 308	CLASSROOM	556	35	30	10	0.12	367	0.8	458	475	-	-	-	475
	CORRIDOR C302	CORRIDOR	1616	-	-	-	0.06	97	0.8	121	125	-	-	-	125
DOAS-2	CLASSROOM 148	CLASSROOM	697	35	30	10	0.12	384	0.8	480	500	-	-	-	500
	CLASSROOM 149	CLASSROOM	363	35	13	10	0.12	174	0.8	217	250	-	-	-	250
	CLASSROOM 150	CLASSROOM	316	35	12	10	0.12	158	0.8	197	200	-	-	-	200
	CLASSROOM 166	CLASSROOM	586	35	30	10	0.12	370	0.8	463	475	-	-	-	475
	CLASSROOM 168	CLASSROOM	771	35	30	10	0.12	393	0.8	491	500	-	-	-	500
	CORRIDOR C102	CORRIDOR	1314	-	-	-	0.06	79	0.8	99	100	-	-	-	100
	CLASSROOM 240	CLASSROOM	498	35	18	10	0.12	240	0.8	300	325	-	-	-	325
	CLASSROOM 241	CLASSROOM	515	35	19	10	0.12	252	0.8	315	325	-	-	-	325
	CLASSROOM 266	CLASSROOM	510	35	30	10	0.12	361	0.8	452	475	-	-	-	475
	CLASSROOM 267	CLASSROOM	554	35	30	10	0.12	366	0.8	458	475	-	-	-	475
	CLASSROOM 268	CLASSROOM	564	35	30	10	0.12	368	0.8	460	475	-	-	-	475
	CORRIDOR C207	CORRIDOR	858	-	-	-	0.06	51	0.8	64	100	-	-	-	100
	CLASSROOM 330	CLASSROOM	559	35	30	10	0.12	367	0.8	459	475	-	-	-	475
	CLASSROOM 331	CLASSROOM	265	35	10	10	0.12	132	0.8	165	175	-	-	-	175
	CLASSROOM 332	CLASSROOM	204	35	8	10	0.12	104	0.8	131	150	-	-	-	150
	CLASSROOM 352	CLASSROOM	737	35	30	10	0.12	388	0.8	486	500	-	-	-	500
	CLASSROOM 353	CLASSROOM	889	35	30	10	0.12	407	0.8	508	525	-	-	-	525
	CORRIDOR C307	CORRIDOR	865	-	-	-	0.06	52	0.8	65	100	-	-	-	100
DOAS-3	CLASSROOM 164	CLASSROOM	1324	20	27	10	0.18	508	0.8	635	680	-	0.5	662	680
	CLASSROOM 242	CLASSROOM	688	35	30	10	0.12	383	0.8	478	500	-	-	-	500
	CLASSROOM 246	CLASSROOM	603	35	30	10	0.12	372	0.8	465	465	-	-	-	465
	CLASSROOM 248B	CLASSROOM	403	35	15	10	0.12	198	0.8	248	250	-	-	-	250
	CLASSROOM 256	CLASSROOM	814	35	30	10	0.12	398	0.8	497	500	-	-	-	500
	CLASSROOM 257	CLASSROOM	590	35	30	10	0.12	371	0.8	464	465	-	-	-	465
	CLASSROOM 258	CLASSROOM	557	35	30	10	0.12	367	0.8	469	460	-	-	-	460
	CORRIDOR C207	CORRIDOR	1139	-	-	-	0.06	68	0.8	85	85	-	-	-	100
	CLASSROOM 338	CLASSROOM	644	35	15	10	0.12	377	0.8	472	475	-	-	-	475
	CLASSROOM 339	CLASSROOM	874	35	30	10	0.12	405	0.8	506	510	-	-	-	510
	CLASSROOM 349	CLASSROOM	1400	35	30	10	0.12	468	0.8	585	585	-	-	-	585
	CLASSROOM 350	CLASSROOM	943	35	30	10	0.12	413	0.8	520	520	-	-	-	520
	CORRIDOR C307	CORRIDOR	1139	-	-	-	0.06	68	0.8	85	100	-	-	-	100
DOAS-4	CLASSROOM 249	CLASSROOM	761	35	30	10	0.12	391	0.8	489	500	-	-	-	500
	CLASSROOM 250	CLASSROOM	732	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 251	CLASSROOM	731	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 253	CLASSROOM	732	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 254	CLASSROOM	730	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 255	CLASSROOM	761	35	30	10	0.12	391	0.8	489	500	-	-	-	500
	CORRIDOR C208	CORRIDOR	1174	-	-	-	0.06	70	0.8	88	100	-	-	-	100
	CLASSROOM 249	CLASSROOM	761	35	30	10	0.12	391	0.8	489	500	-	-	-	500
	CLASSROOM 250	CLASSROOM	732	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 251	CLASSROOM	731	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 253	CLASSROOM	732	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 254	CLASSROOM	730	35	30	10	0.12	388	0.8	485	500	-	-	-	500
	CLASSROOM 255	CLASSROOM	761	35	30	10	0.12	391	0.8	489	500	-	-	-	500
	CORRIDOR C308	CORRIDOR	1174	-	-	-	0.06	70	0.8	88	100	-	-	-	100

NOTES:
1. QUANTITY OF OCCUPANTS FOR STANDARD SIZE CLASSROOMS ARE 30 OCCUPANTS BASED ON NYSED STATISTICAL DATA. ALL OTHER OCCUPANCIES ARE BASED UPON OCCUPANT DENSITIES FROM THE 2015 INTERNATIONAL MECHANICAL CODE

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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 076659 · LICENSED PROFESSIONAL ENGINEER

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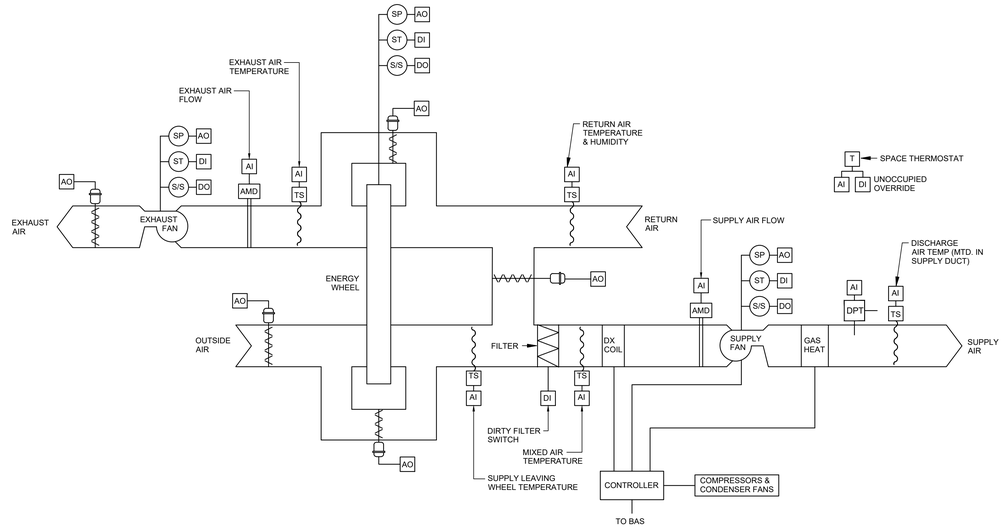
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Sheet Title
MECHANICAL SCHEDULES

Sheet No.
IEYMS M002

CONSTRUCTION DOCUMENTS



1 M003 Dedicated Outdoor Air System Control Schematic

N.T.S.

DDC Temperature Control Notes:

1. HVAC CONTROLS SHALL BE FURNISHED & INSTALLED BY THE OWNER. ALL HARDWARE, WIRING AND PROGRAMMING TO BE PROVIDED BY OWNER. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE OWNER'S VENDOR THROUGHOUT THE PROJECT TO SUPPORT INSTALLATION, TESTING AND COMMISSIONING. MECHANICAL CONTRACTOR TO INSTALL ALL DEVICES MOUNTED IN OR ON THE PIPING AND/OR DUCTWORK INCLUDING BUT NOT LIMITED TO HYDRONIC CONTROL VALVES, TEMPERATURE SENSORS, FLOW SENSORS, ETC. MECHANICAL CONTRACTOR TO PROVIDE ALL NECESSARY PORTS/THERMOWELLS FOR SENSORS, GAUGES, ETC. COORDINATE WITH OWNER'S VENDOR FOR QUANTITY AND LOCATIONS.
2. OWNER SHALL EXPAND EXISTING BUILDING AUTOMATION SYSTEM TO PROVIDE THE CONTROL SEQUENCES SPECIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS. THE SYSTEM SHALL PROVIDE CONTROL AND MONITORING OF THE EQUIPMENT INDICATED.
3. OWNER SHALL PROVIDE CONTROLLERS AND COMMUNICATIONS INFRASTRUCTURE TO MATCH EXISTING CAMPUS-WIDE BUILDING AUTOMATION SYSTEM. PROVIDE SEAMLESS INTEGRATION WITH EXISTING CONTROL NETWORK AND USER INTERFACES. NETWORK GATEWAYS AND PROTOCOL INTERFACE EQUIPMENT ARE NOT ACCEPTABLE UNLESS OTHERWISE NOTED.
4. OWNER SHALL PROVIDE INSTRUMENTATION, SENSORS, VALVES, DAMPERS, ACTUATORS AND WIRING AS REQUIRED TO PROVIDE SPECIFIED OPERATING SEQUENCES.
5. OWNER SHALL MODIFY EXISTING GRAPHIC USER INTERFACES TO INCLUDE ALL EQUIPMENT AND SYSTEMS INCLUDED IN THIS PROJECT.
6. OWNER SHALL REPLACE THE EXISTING BAS SERVER HARDWARE AND UPGRADE THE SOFTWARE TO THE LATEST VERSION OF WEB-ENABLED GRAPHICAL USER INTERFACE WITH A SEAMLESS INTEGRATION OF THE NEW AND EXISTING CONTROL POINTS.
7. OWNER SHALL BE RESPONSIBLE FOR POWER THAT IS NOT SHOWN ON THE ELECTRICAL DRAWINGS, TO CONTROLS FURNISHED BY THIS CONTRACTOR. IF POWER CIRCUITS ARE SHOWN ON THE ELECTRICAL DRAWINGS, OWNER SHALL CONTINUE THE POWER RUN TO THE CONTROL DEVICE. IF POWER CIRCUITS ARE NOT SHOWN, OWNER SHALL PROVIDE BREAKERS AT DISTRIBUTION PANELS FOR POWER TO CONTROLS AND PROVIDE POWER FROM THE DISTRIBUTION PANEL TO THE CONTROL DEVICES.
8. OWNER SHALL FURNISH & INSTALL ALL REQUIRED END DEVICES, POWER SUPPLY, LOW VOLTAGE TRANSFORMERS, CONTROL WIRING & CONDUITS, ETC. FOR A COMPLETE & OPERATIONAL DDC CONTROL SYSTEM.
9. NEW WIRING & CONDUITS SHALL BE RUN CONCEALED ABOVE CEILING. ALL EXPOSED WIRING & CONDUITS SHALL BE RUN CONCEALED IN EMT IN UTILITY SPACES AND WIREMOLD IN FINISHED AREAS.
10. OWNER TO FIELD INSTALL SENSORS, CONTROLLERS, ETC. WHICH ARE NOT FACTORY-INSTALLED BY EQUIPMENT MANUFACTURERS.
11. ANY EQUIPMENT FURNISHED WITH FACTORY CONTROLS SHALL BE PROVIDED WITH BACNET MSTP INTEGRATION CAPABILITIES AND INCLUDE ON-SITE FACTORY CONTROLS INTEGRATION START-UP IN COORDINATION WITH OWNER'S BUILDING AUTOMATION SYSTEM.

DDC Temperature Control Legend:

AI	ANALOG INPUT
AO	ANALOG OUTPUT
AQ	AQUASTAT (SPDT)
AMD	AIR FLOW MEASUREMENT DEVICE (ANALOG)
FS	FLOW SWITCH (DIGITAL)
A	CONTROL ACTUATOR CONTROL DAMPER OR VALVE
DPS	DIFFERENTIAL PRESSIRE SWITCH (SPDT)
DPT	DIFFERENTIAL PRESSIRE TRANSDUCER (ANALOG)
IAQ	INDOOR AIR QUALITY
MS	MAGNETIC STARTER
VFD	VARIABLE FREQUENCY DRIVE
R	CONTROL RELAY (24VAC-SPDT)
CT	CURRENT TRANSDUCER (ANALOG)
CS	CURRENT SWITCH (DIGITAL)
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
ES	END SWITCH (SPST)
RH	RELATIVE HUMIDITY SENSOR
CO	CARBON-MONOXIDE SENSOR
CO2	CARBON-DIOXIDE SENSOR
SW	WALL-MOUNTED SWITCH
TS	TEMPERATURE SENSOR (PROBE/IMMERSION)
TS	TEMPERATURE SENSOR (AVERAGING)
LLS	LOW-LIMIT TEMPERATURE SWITCH (SPDT)
SD	SMOKE DETECTOR (DUCT)
TC	THERMOSTAT SWITCH (SPDT)
XFMR	120/24VAC TRANSFORMER

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2023 CAPITAL PROJECTS - PHASE 2B

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TEMPERATURE CONTROLS NOTES, LEGEND & SCHEMATICS

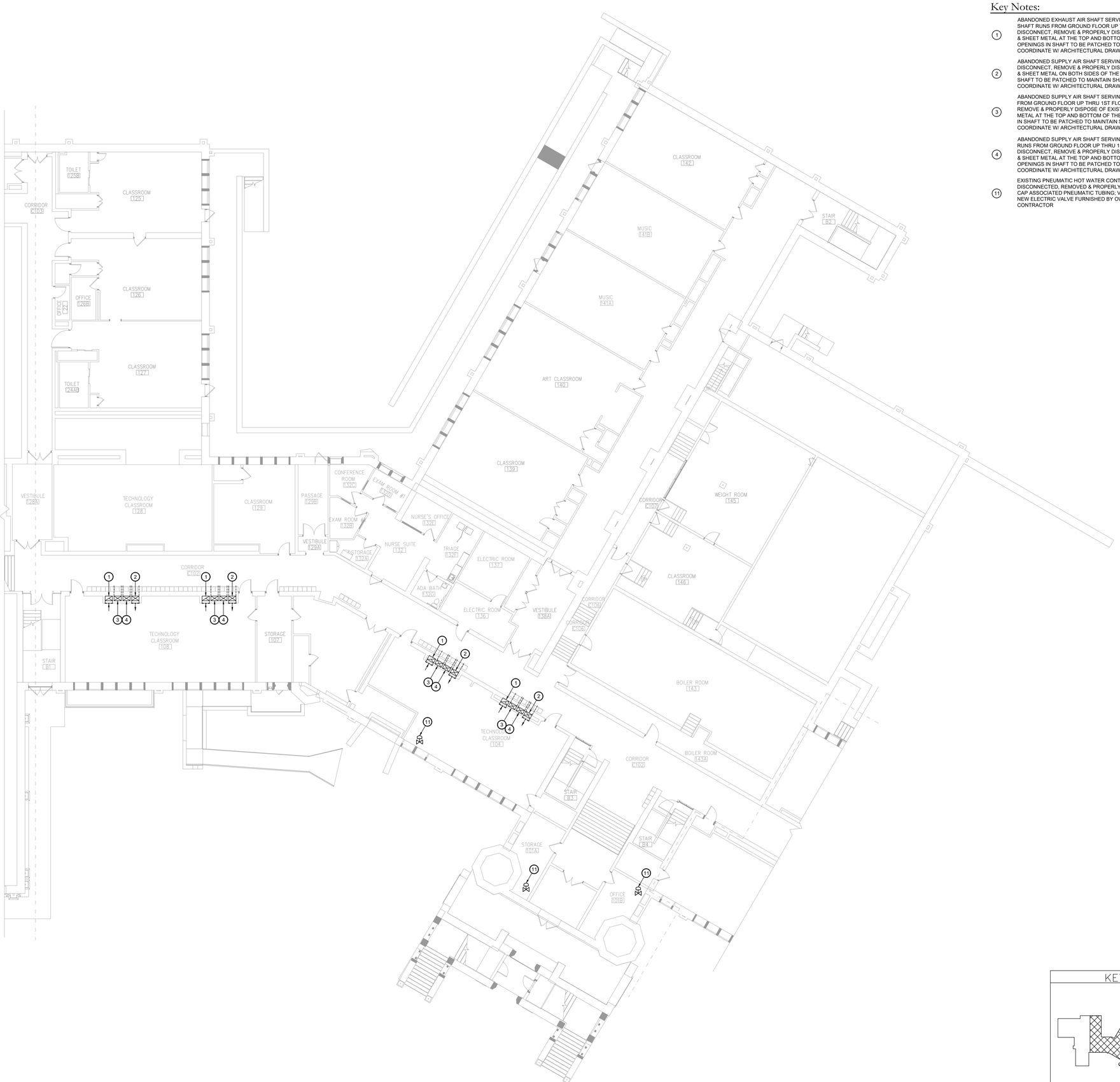
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IEYMS M003

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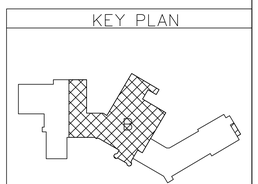
Key Notes:

1. ABANDONED EXHAUST AIR SHAFT SERVING GROUND FLOOR; SHAFT RUNS FROM GROUND FLOOR UP THRU 1ST & 2ND FLOORS; DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING GRILLE & SHEET METAL AT THE TOP AND BOTTOM OF THE SHAFT; WALL OPENINGS IN SHAFT TO BE PATCHED TO MAINTAIN SHAFT RATINGS, COORDINATE W/ ARCHITECTURAL DRAWINGS
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3. ABANDONED SUPPLY AIR SHAFT SERVING 1ST FLOOR; SHAFT RUNS FROM GROUND FLOOR UP THRU 1ST FLOOR; DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING GRILLE & SHEET METAL AT THE TOP AND BOTTOM OF THE SHAFT; WALL OPENINGS IN SHAFT TO BE PATCHED TO MAINTAIN SHAFT RATINGS, COORDINATE W/ ARCHITECTURAL DRAWINGS
4. ABANDONED SUPPLY AIR SHAFT SERVING 2ND FLOOR; SHAFT RUNS FROM GROUND FLOOR UP THRU 1ST & 2ND FLOORS; DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING GRILLE & SHEET METAL AT THE TOP AND BOTTOM OF THE SHAFT; WALL OPENINGS IN SHAFT TO BE PATCHED TO MAINTAIN SHAFT RATINGS, COORDINATE W/ ARCHITECTURAL DRAWINGS
11. EXISTING PNEUMATIC HOT WATER CONTROL VALVE TO BE DISCONNECTED, REMOVED & PROPERLY DISPOSED OF; REMOVE & CAP ASSOCIATED PNEUMATIC TUBING; VALVE TO BE REPLACED W/ NEW ELECTRIC VALVE FURNISHED BY OWNER & INSTALLED BY CONTRACTOR



1 MD102 Area B Ground Floor Mechanical Demolition Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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AREA B GROUND FLOOR MECHANICAL DEMOLITION PLAN

Sheet No.
IEYMS MD102

CONSTRUCTION DOCUMENTS

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Key Notes:

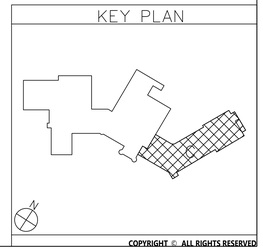
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1 MD103 Area C Ground Floor Mechanical Demolition Plan

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

KEY PLAN



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2023 CAPITAL PROJECTS - PHASE 2B

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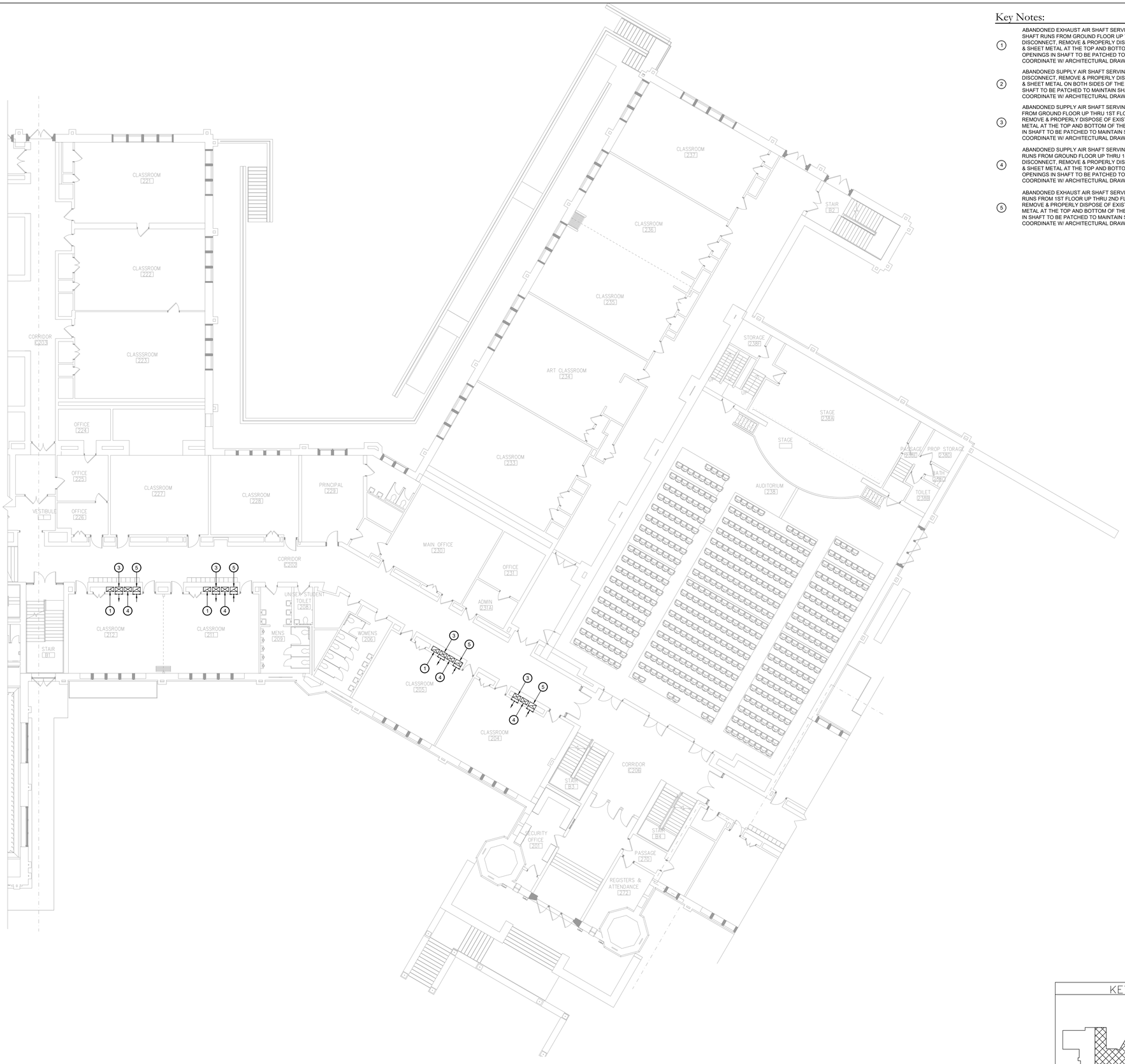
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AREA C GROUND FLOOR MECHANICAL DEMOLITION PLAN

Sheet No.
IEYMS MD103

CONSTRUCTION DOCUMENTS

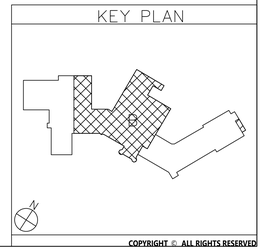


Key Notes:

1. ABANDONED EXHAUST AIR SHAFT SERVING GROUND FLOOR; SHAFT RUNS FROM GROUND FLOOR UP THRU 1ST & 2ND FLOORS; DISCONNECT, REMOVE & PROPERLY DISPOSE OF EXISTING GRILLE & SHEET METAL AT THE TOP AND BOTTOM OF THE SHAFT; WALL OPENINGS IN SHAFT TO BE PATCHED TO MAINTAIN SHAFT RATINGS, COORDINATE W/ ARCHITECTURAL DRAWINGS
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1 MD112 — Area B 1st Floor Mechanical Demolition Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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Consultant
BLAKE ENGINEERING PLLC
445 HAMILTON AVENUE, SUITE 1204, WHITE PLAINS, NEW YORK 10601

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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 076860 · LICENSED PROFESSIONAL ENGINEER
Expiration Date: 05-31-2025

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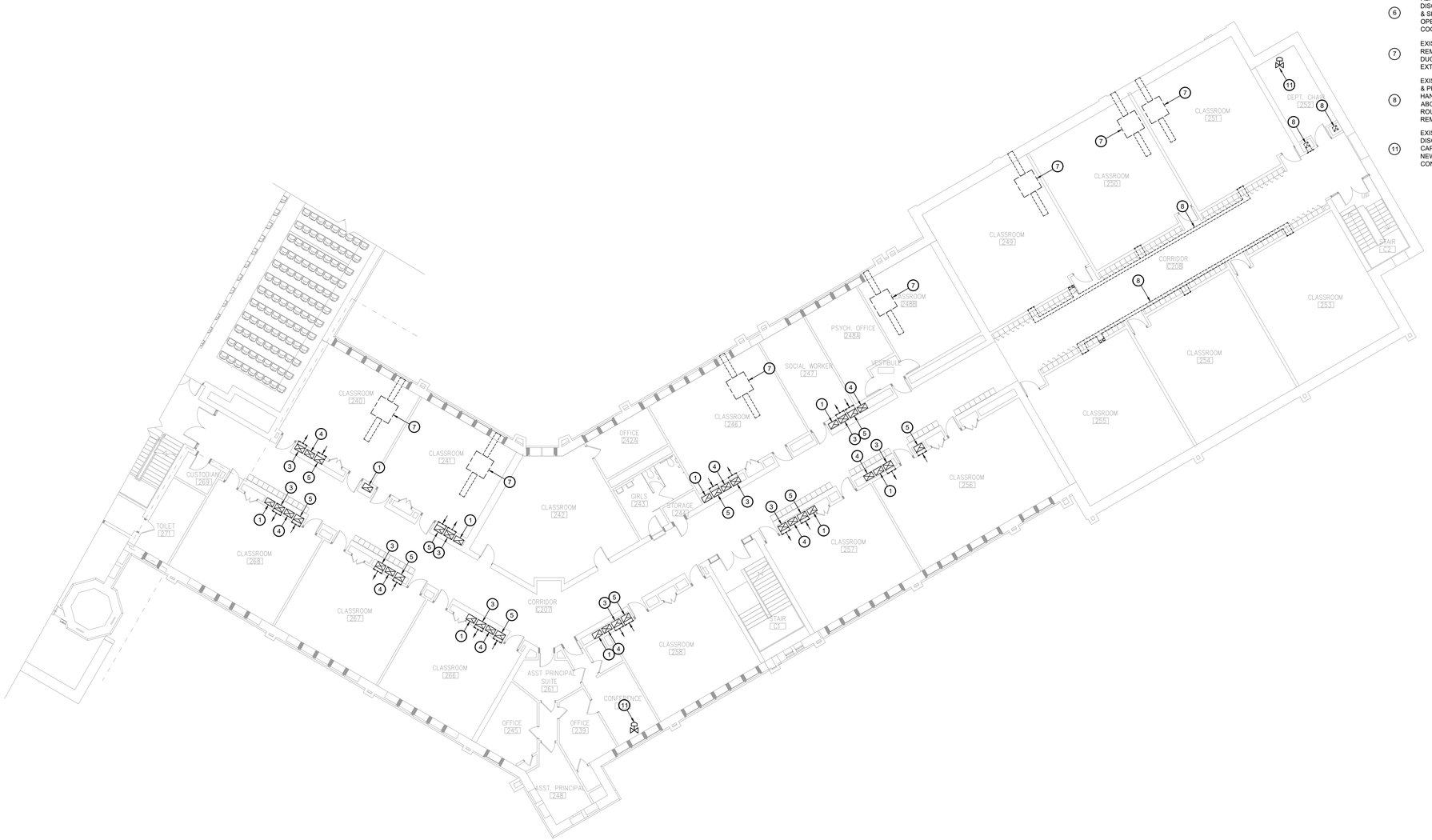
Sheet Title
AREA B
1ST FLOOR
MECHANICAL
DEMOLITION
PLAN

Sheet No.
IEYMS
MD112

CONSTRUCTION DOCUMENTS

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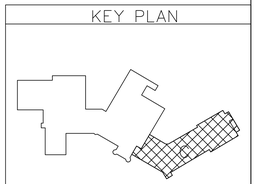
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1 MD113 Area C 1st Floor Mechanical Demolition Plan

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

KEY PLAN



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Project Title

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



Expiration Date: 05-31-2025

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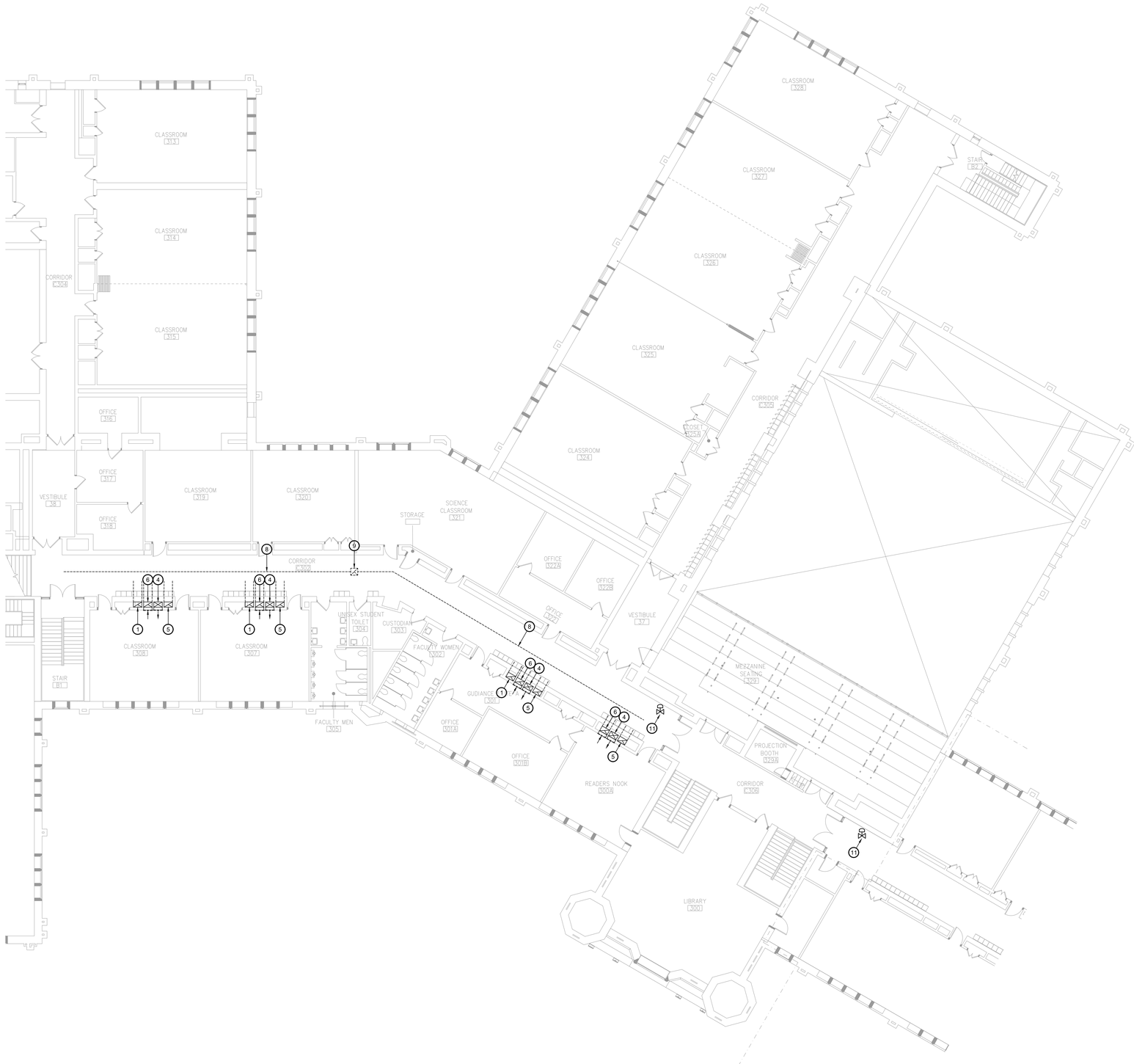
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AREA C
1ST FLOOR
MECHANICAL
DEMOLITION
PLAN

Sheet No.

IEYMS
MD113

CONSTRUCTION DOCUMENTS

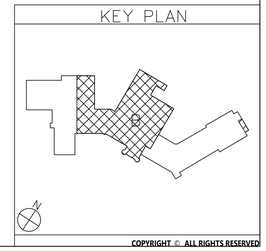


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1 MD122 Area B 2nd Floor Mechanical Demolition Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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

STATE OF NEW YORK MATTHEW GEORGE BLAKE 105869 LICENSED PROFESSIONAL ENGINEER
Expiration Date: 05-31-2025

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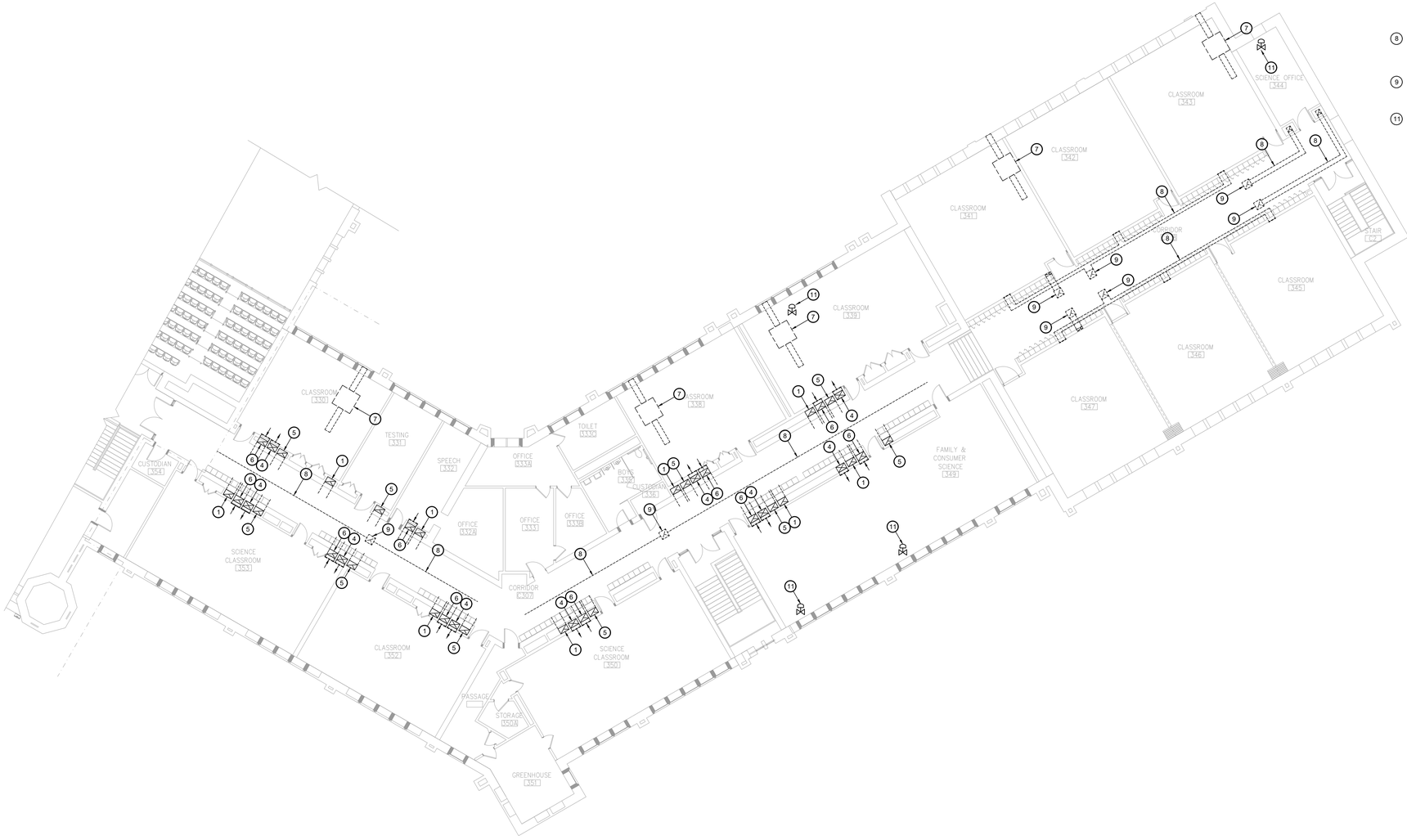
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AREA B
2ND FLOOR
MECHANICAL
DEMOLITION
PLAN

Sheet No.
IEYMS
MD122

CONSTRUCTION DOCUMENTS

Key Notes:

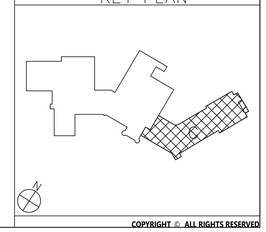
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1 MD123 Area C 2nd Floor Mechanical Demolition Plan

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

KEY PLAN



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MEP / FP CONSULTING & ENGINEERING SERVICES

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

STATE OF NEW YORK MATTHEW GEORGE KRAGE 089039 LICENSED PROFESSIONAL ENGINEER

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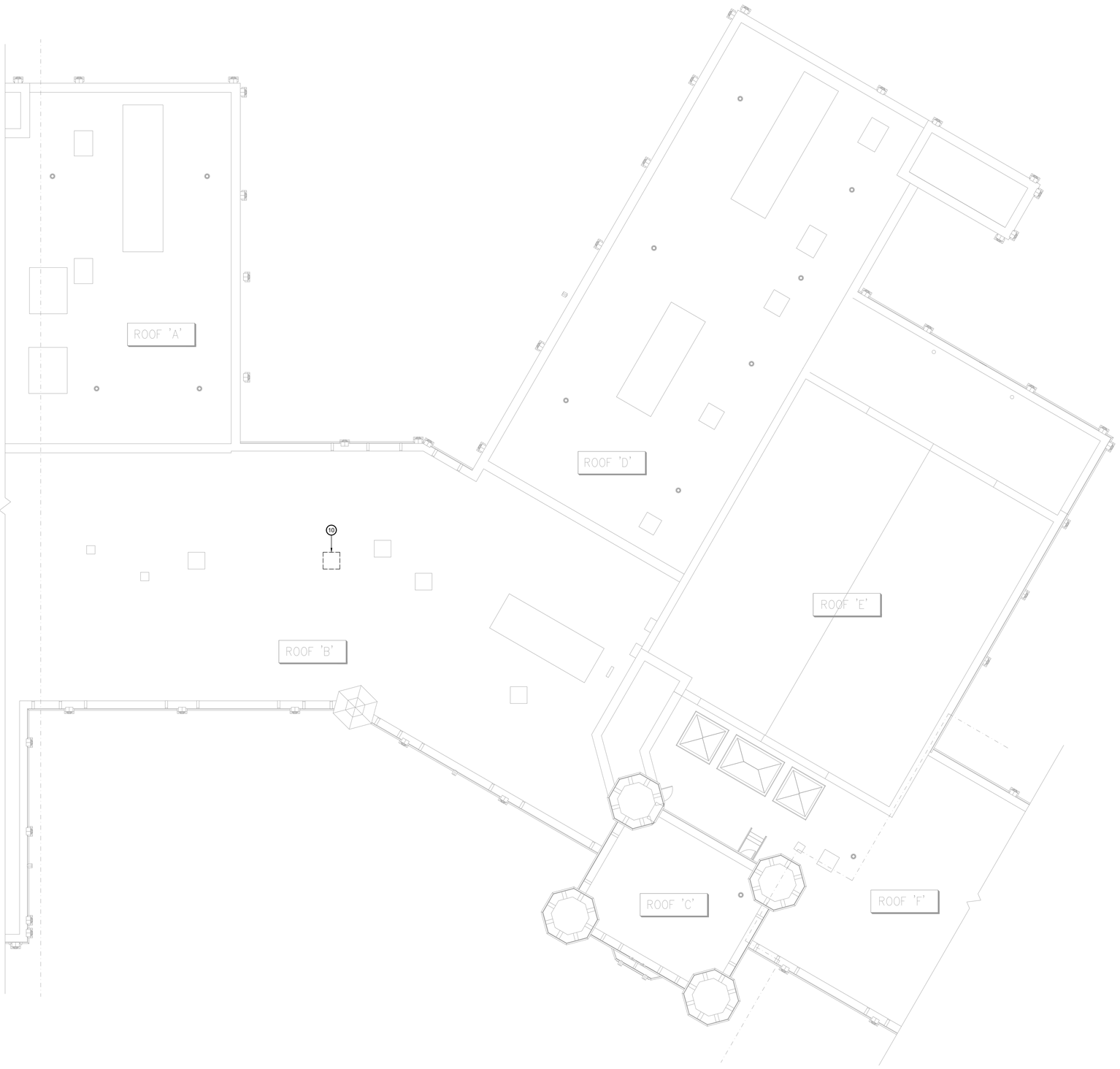
Sheet Title
AREA C
2ND FLOOR
MECHANICAL
DEMOLITION
PLAN

Sheet No.
IEYMS
MD123

CONSTRUCTION DOCUMENTS

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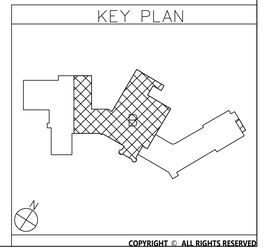
(10) EXISTING EXHAUST FAN TO BE DISCONNECTED, REMOVED & PROPERLY DISPOSED OF INCLUDING ANY DUCTWORK, GRILLES, CONTROLS, ACCESSORIES, ETC.; ROOF CURB TO BE REMOVED & ROOF PATCHED



1 / MD132 Area B Roof Mechanical Demolition Plan

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

KEY PLAN



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Project Title

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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 105669 · LICENSED PROFESSIONAL ENGINEER

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Sheet Title

AREA B
ROOF
MECHANICAL
DEMOLITION
PLAN

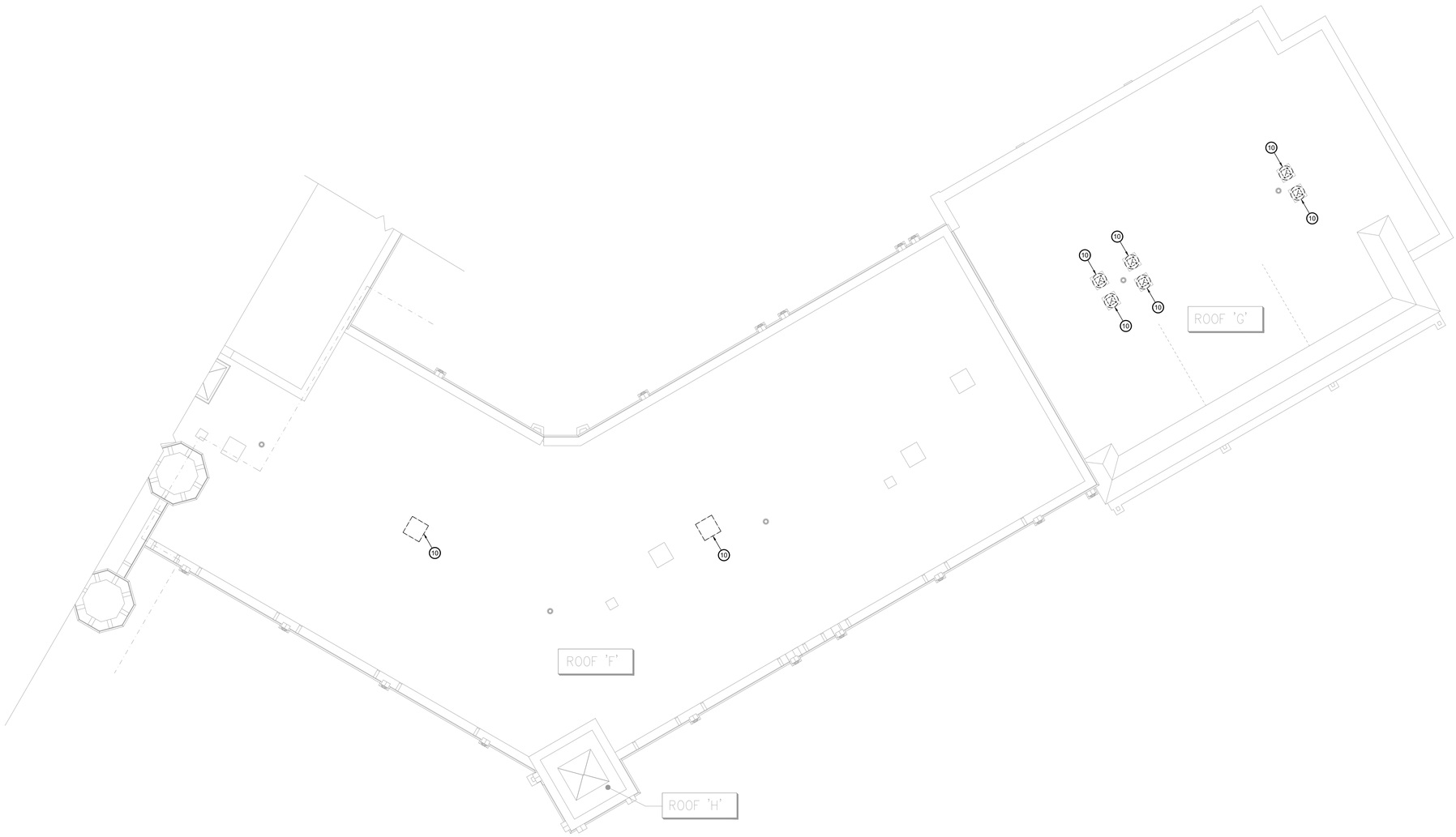
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IEYMS
MD132

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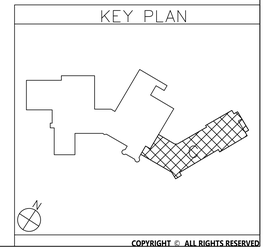
Key Notes:

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1 MD133 Area C Roof Mechanical Demolition Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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

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PLAN

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IEYMS
MD133

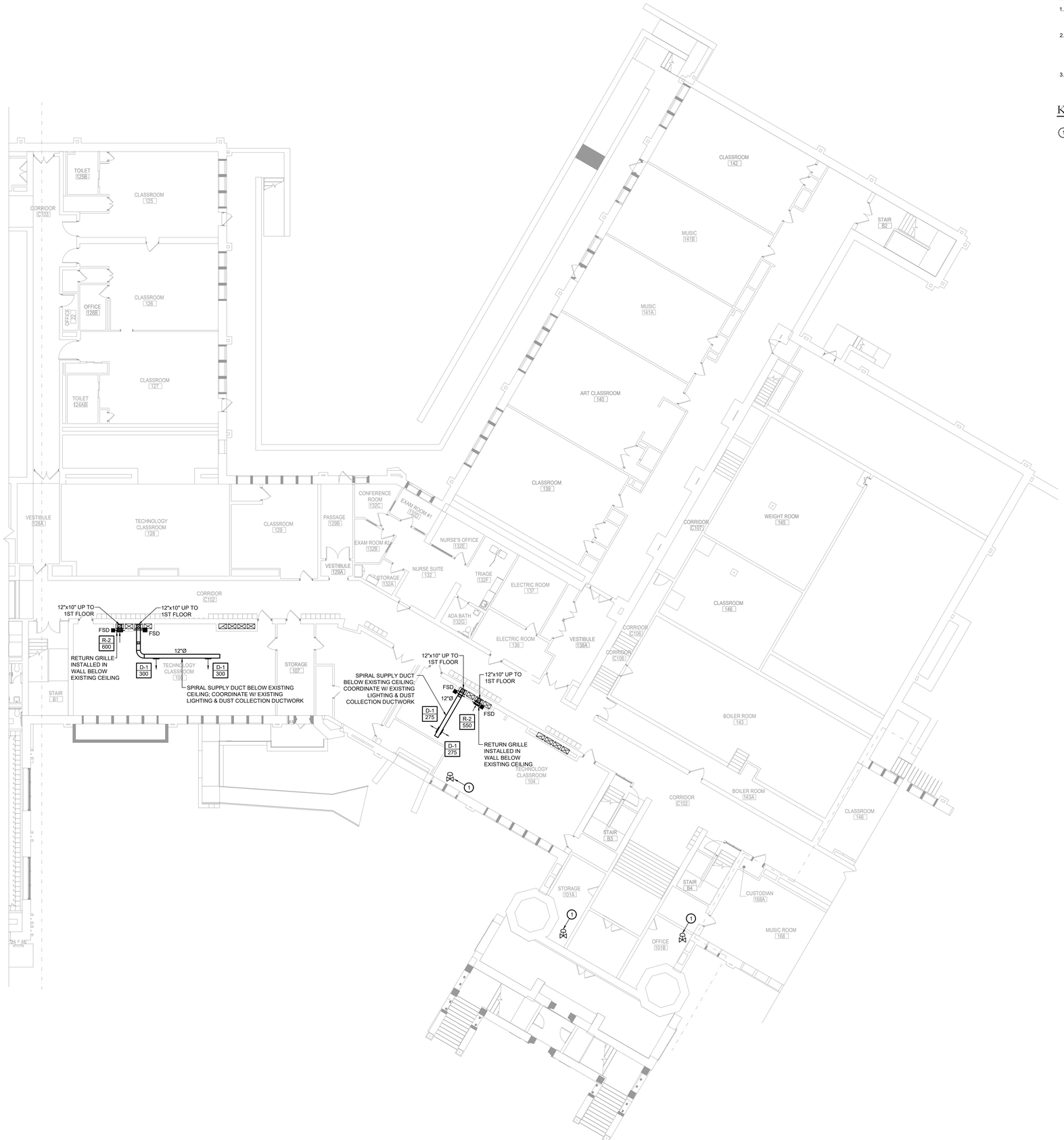
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Sheet Notes:

1. NEW DUCT RISERS TO BE INSTALLED INSIDE OF EXISTING AIR SHAFTS. COORDINATE W/ ARCHITECTURAL DRAWINGS REGARDING THE OPENING & CLOSING OF EXISTING WALLS AND CHASES.
2. DUCT PENETRATIONS OF SHAFTS SHALL INCLUDE A COMBINATION FIRE SMOKE DAMPER. PROVIDE 2 HOUR FIRE RATED ACCESS PANEL IN CHASE WALL & DUCT ACCESS DOOR TO PROVIDE FULL ACCESS TO FSD FOR INSPECTION AND MAINTENANCE. COORDINATE SIZES AND LOCATIONS WITH ARCHITECT AND ENGINEER BASED ON FIELD CONDITIONS.
3. EXISTING CEILINGS TO REMAIN IN CLASSROOMS, CONTRACTOR IS RESPONSIBLE TO REMOVE & REINSTALL CEILING TILES AND GRID AS REQUIRED TO COMPLETE THE SCOPE OF WORK.

Key Notes:

(1) NEW ELECTRIC HOT WATER CONTROL VALVE TO REPLACE EXISTING PNEUMATIC HOT WATER CONTROL; VALVE FURNISHED & WIRED BY OWNER; VALVE INSTALLED IN HOT WATER PIPING BY CONTRACTOR



1 M102 Area B Ground Floor Mechanical Plan
Scale: 3/32" = 1'-0"

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Consultant
BLAKE ENGINEERING PLLC
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Project Title
CITY SCHOOL DISTRICT OF NEW ROCHELLE
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2023 CAPITAL PROJECTS - PHASE 2B

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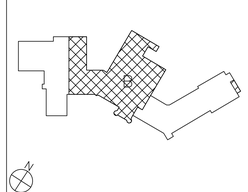
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Sheet Title
AREA B GROUND FLOOR MECHANICAL PLAN

Sheet No.
IEYMS M102

CONSTRUCTION DOCUMENTS

KEY PLAN



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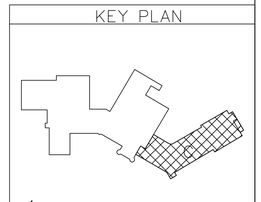
Key Notes:

(1) NEW ELECTRIC HOT WATER CONTROL VALVE TO REPLACE EXISTING PNEUMATIC HOT WATER CONTROL; VALVE FURNISHED & WIRED BY OWNER; VALVE INSTALLED IN HOT WATER PIPING BY CONTRACTOR



1 M103 Area C Ground Floor Mechanical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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Consultant
BLAKE ENGINEERING PLLC
MEP/FP CONSULTING & ENGINEERING SERVICES

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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 089079 · LICENSED PROFESSIONAL ENGINEER
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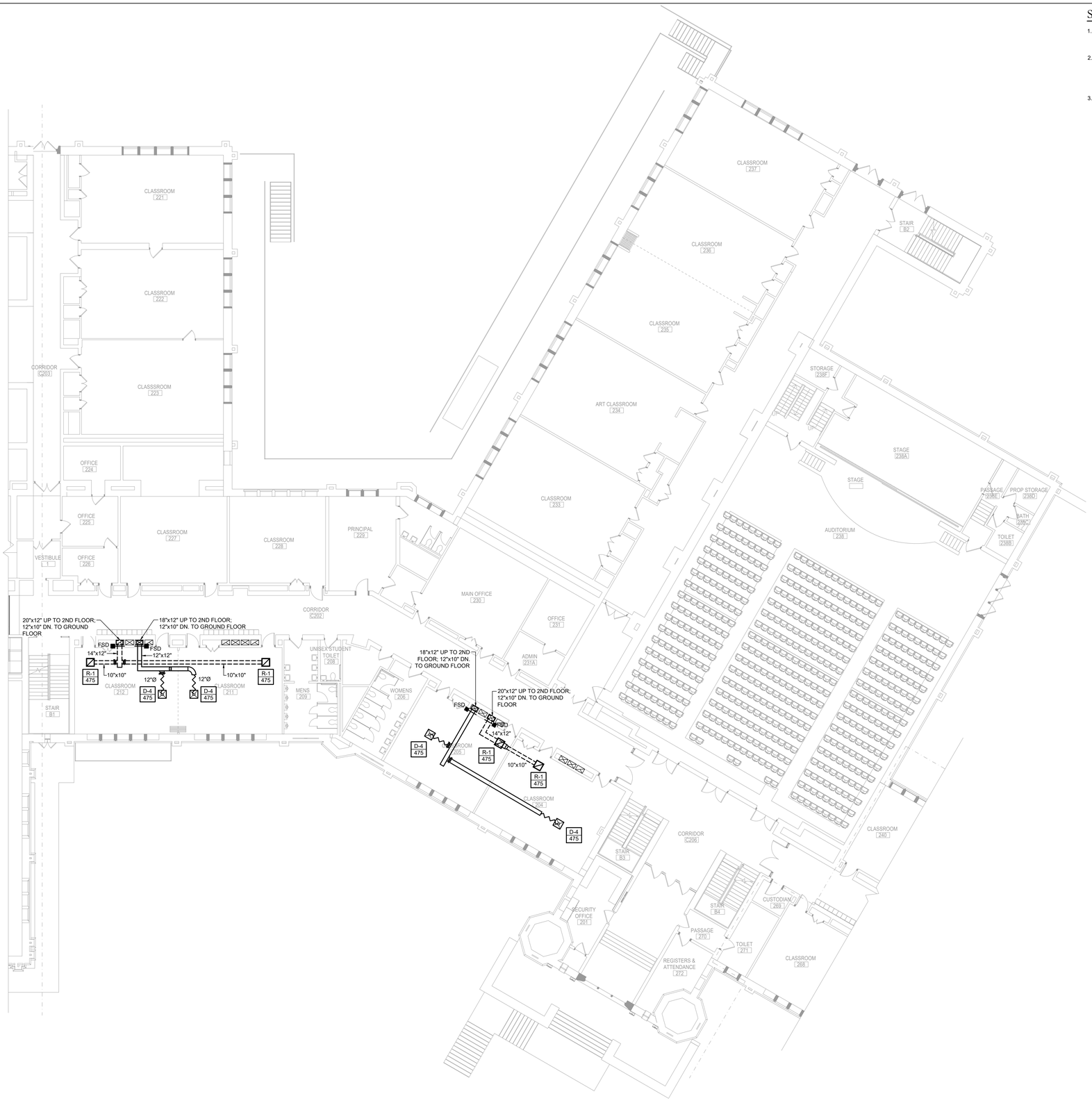
Sheet Title
AREA C GROUND FLOOR MECHANICAL PLAN

Sheet No.
IEYMS M103

CONSTRUCTION DOCUMENTS

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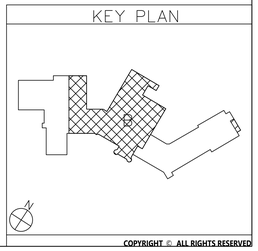
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1 / M112 Area B 1st Floor Mechanical Plan

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

KEY PLAN



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Project Title

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

STATE OF NEW YORK MATTHEW GEORGE BLAKE 090680 LICENSED PROFESSIONAL ENGINEER

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Sheet Title

AREA B
1ST FLOOR
MECHANICAL
PLAN

Sheet No.

IEYMS
M112

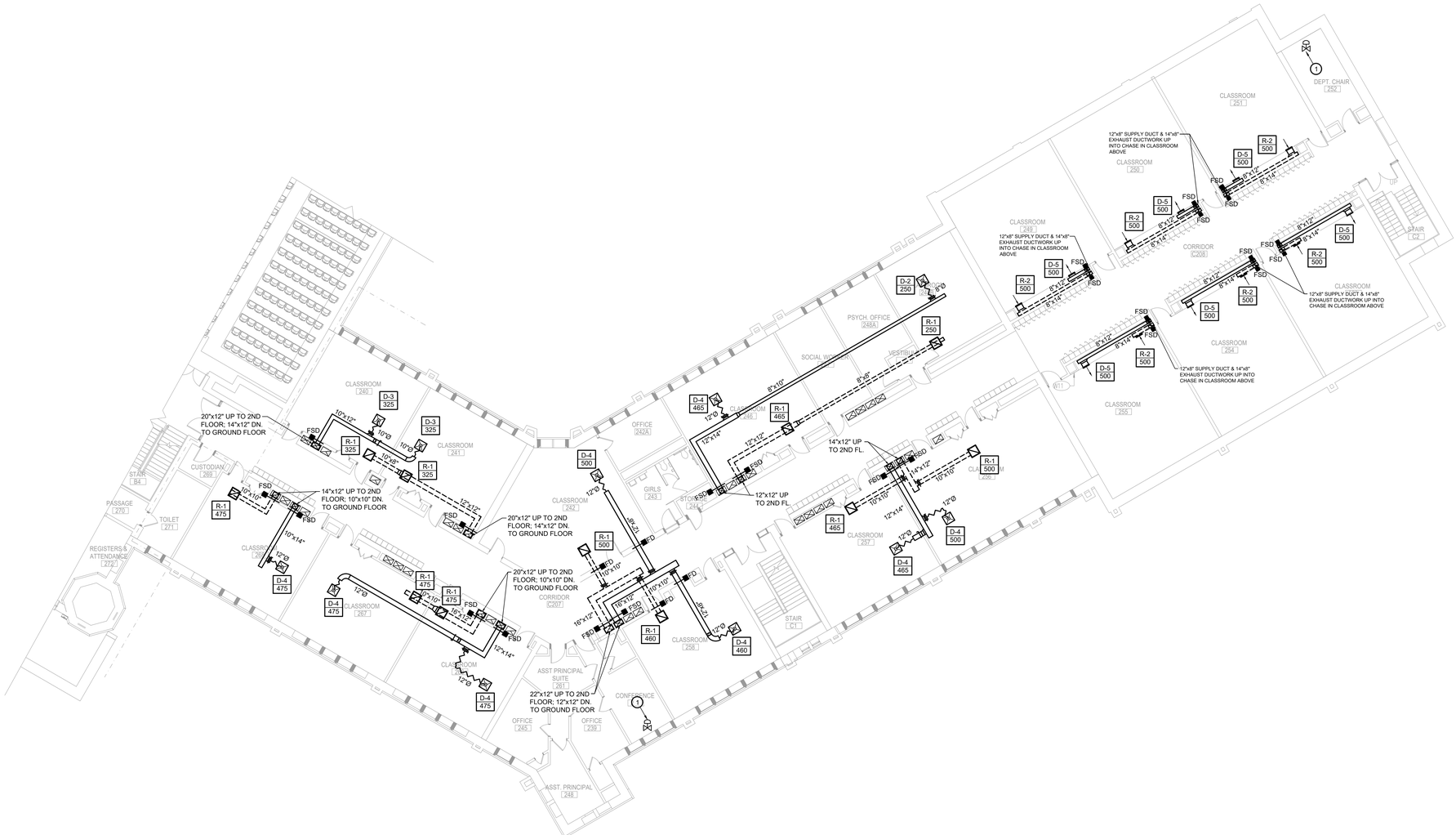
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Key Notes:

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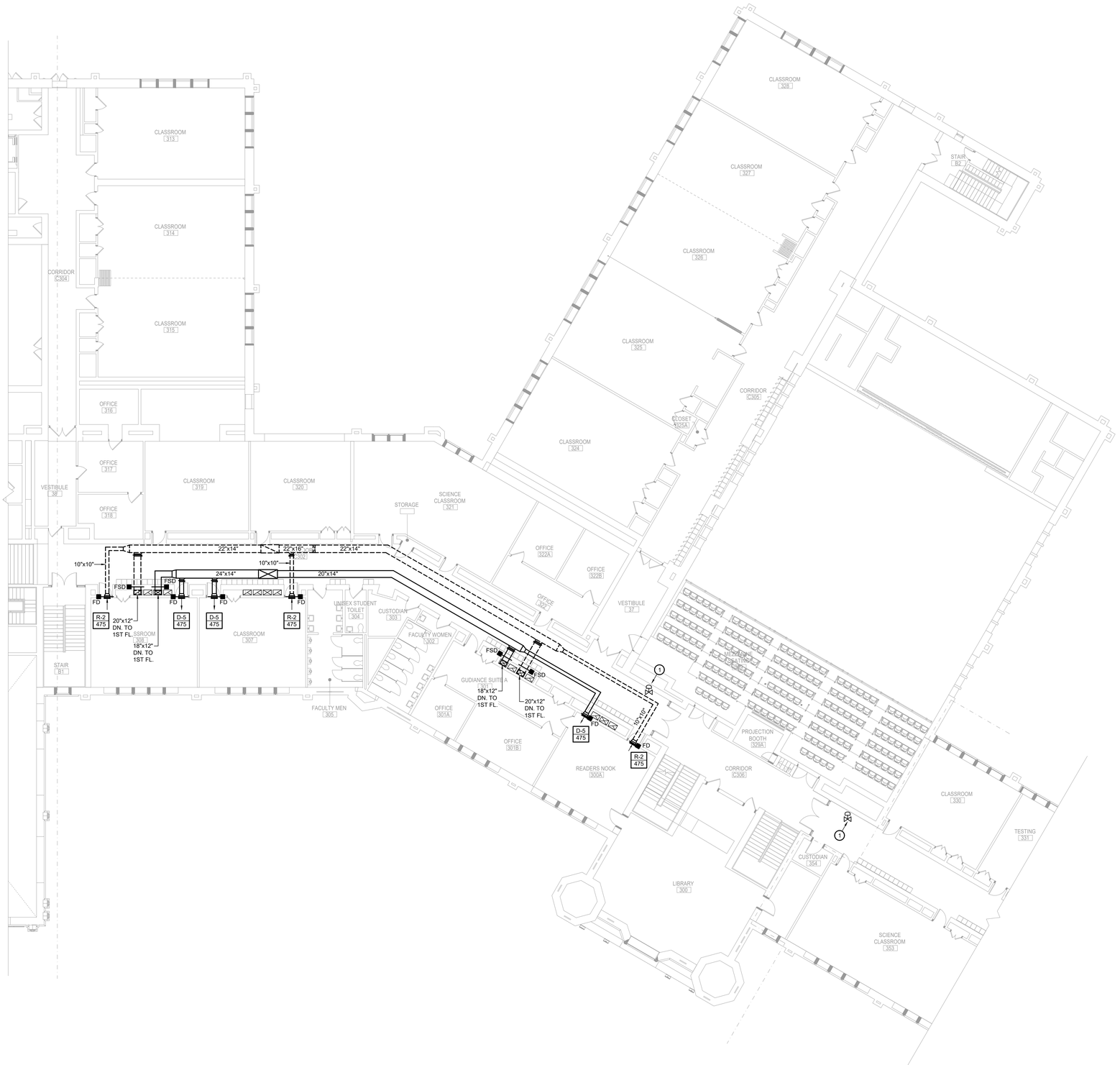


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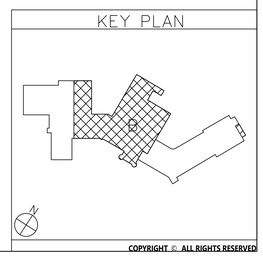
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1 M122 Area B 2nd Floor Mechanical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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Project Title
CITY SCHOOL DISTRICT OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
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LICENSED PROFESSIONAL ENGINEER
STATE OF NEW YORK
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PLAN

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M122

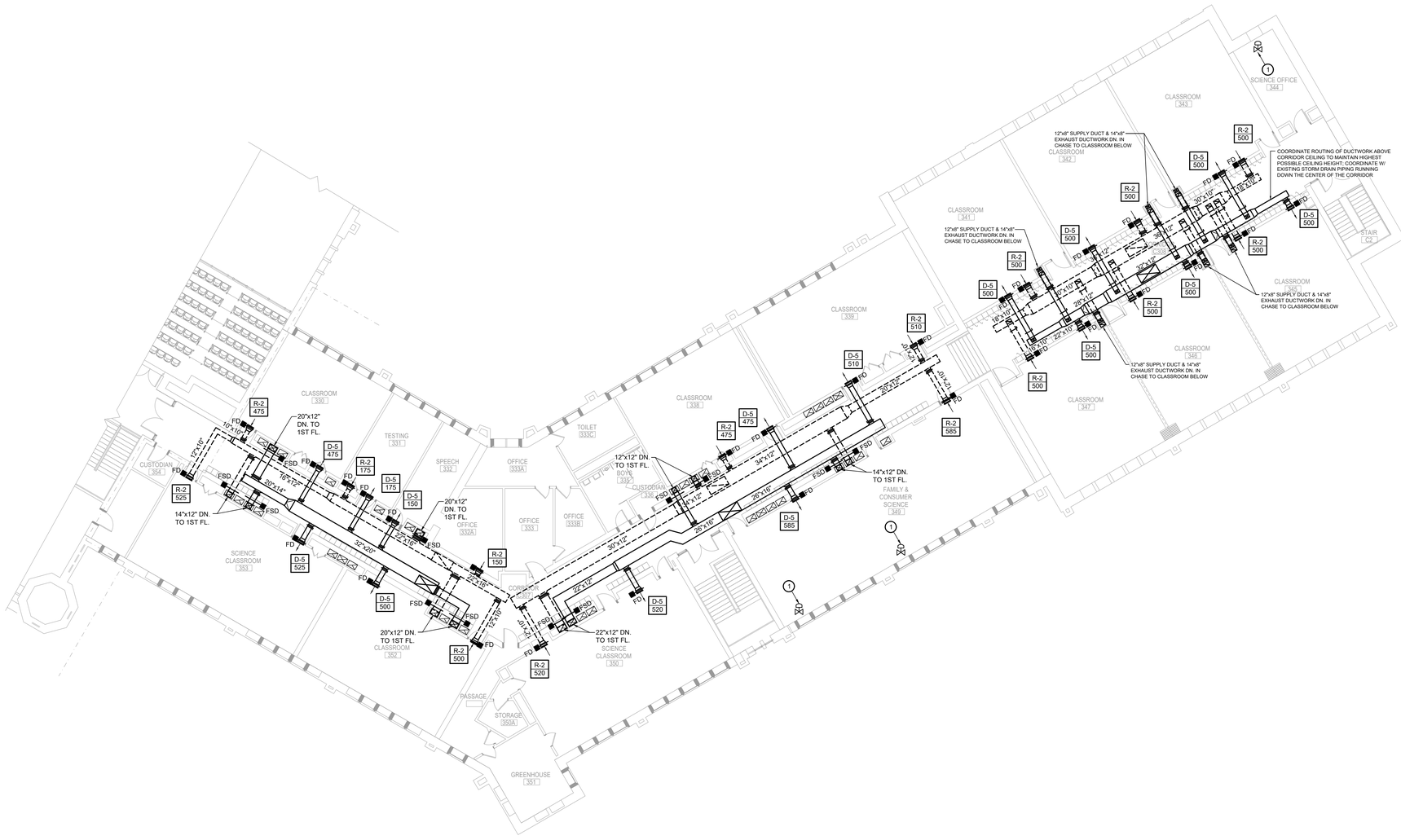
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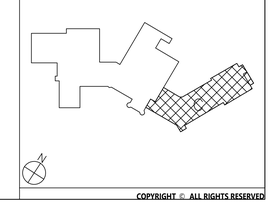
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1 M123 Area C 2nd Floor Mechanical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 099039 · LICENSED PROFESSIONAL ENGINEER
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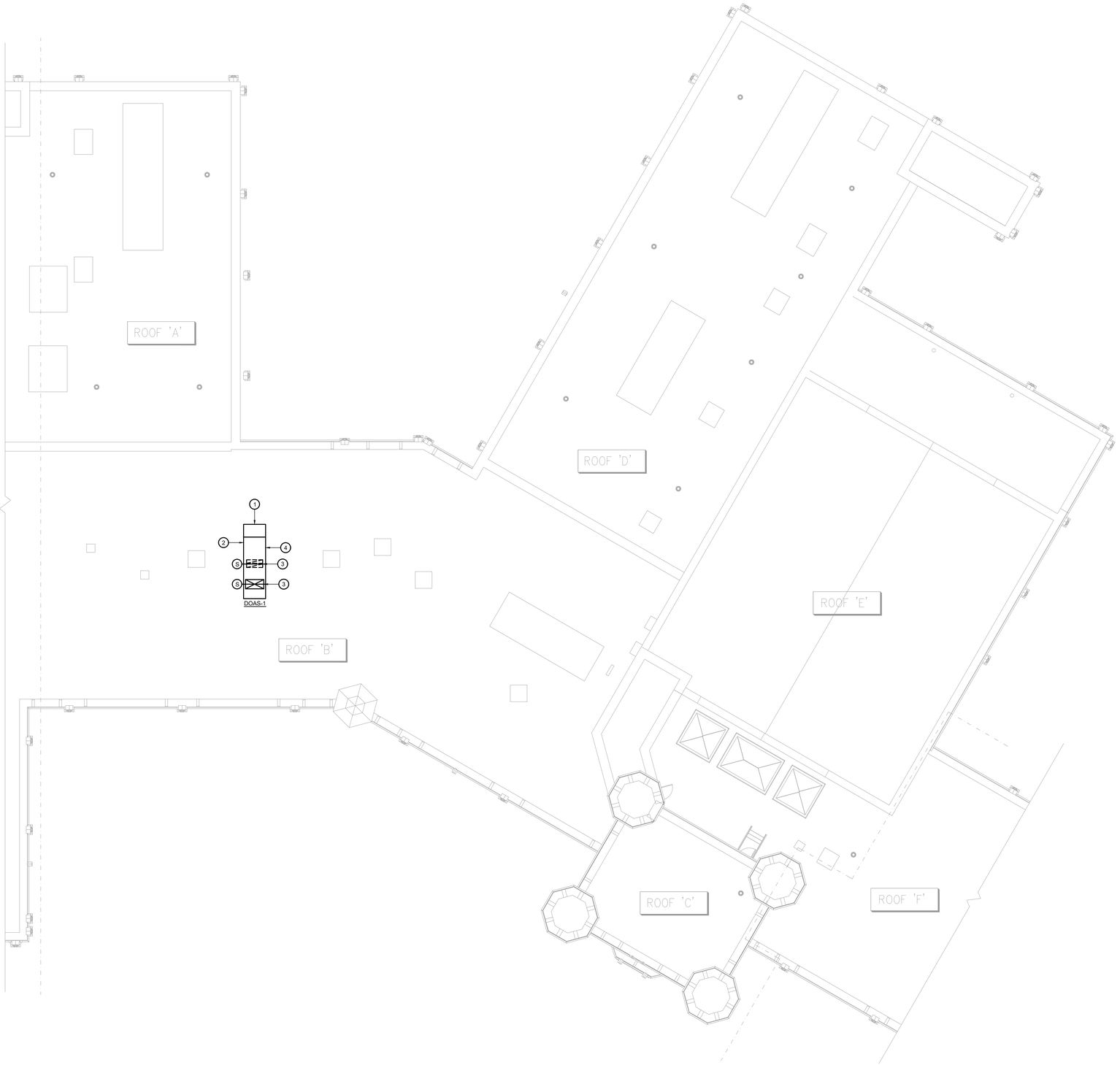
Sheet Title
AREA C
2ND FLOOR
MECHANICAL
PLAN

Sheet No.
IEYMS
M123

CONSTRUCTION DOCUMENTS

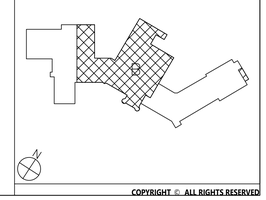
Key Notes:

1. MAINTAIN A MIN. OF 10'-0" OF CLEARANCE FROM ANY EXHAUST DISCHARGE OR PLUMBING VENTS
2. PROVIDE 24" HIGH INSULATED ROOF CURB; PROVIDE W/ 2" CURB ISOLATION RAIL TYPICAL OF KINETICS NOISE CONTROL KSR 3.0 OR ACCEPTABLE EQUAL; SEE ARCHITECTURAL DRAWINGS FOR CURB DETAILS; PROVIDE IN CURB ACOUSTICAL TREATMENT TYPICAL OF KINETICS NOISE CONTROL RT-7 (STC 37) OR ACCEPTABLE EQUAL; 2" FIBERGLASS ABSORPTION PANELS & 5/8" ACOUSTICALLY DAMPENED SHEETROCK; FIELD INSTALL RT-7 PANELS AFTER CURB ASSEMBLY PER MANUFACTURER REQUIREMENTS
3. FULL SIZE S.A. & R.A. PLENUM DN. FROM DOAS UNIT INTO CEILING SPACE BELOW THRU ROOF CURB; PROVIDE FLEXIBLE DUCT CONNECTORS AT UNIT OR WITHIN CURB
4. PROVIDE UNIT W/ FACTORY INSTALLED SUPPLY & RETURN SMOKE DETECTORS



1 / M132 Area B Roof Mechanical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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Consultant

BLAKE ENGINEERING PLLC
MECHANICAL & PLUMBING ENGINEERS

Project Title

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

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
090659
LICENSED PROFESSIONAL ENGINEER

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Sheet Title

AREA B
ROOF
MECHANICAL
PLAN

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M132

CONSTRUCTION DOCUMENTS

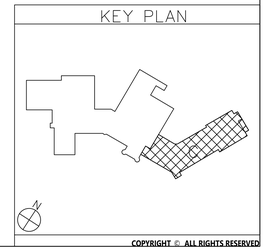
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3. FULL SIZE S.A. & R.A. PLENUM DN. FROM DOAS UNIT INTO CEILING SPACE BELOW THRU ROOF CURB; PROVIDE FLEXIBLE DUCT CONNECTORS AT UNIT OR WITHIN CURB
4. PROVIDE UNIT W/ FACTORY INSTALLED SUPPLY & RETURN SMOKE DETECTORS



1 / M133 Area C Roof Mechanical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
095689
LICENSED PROFESSIONAL ENGINEER

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AREA C
ROOF
MECHANICAL
PLAN

Sheet No.
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M133

CONSTRUCTION DOCUMENTS

LIGHTING FIXTURE SCHEDULE

TAG	SYMBOL	MANUFACTURER & MODEL	TYPE	VOLTAGE	# OF LAMPS	LAMP WATTS	FIXTURE WATTS	MOUNTING	SIZE	NOTES
A	$_{C}$	HE WILLIAMS FIELD SELECT TROFFER FT-22-LS/8CS-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 AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
			1				2			
DOAS-1	(3) #2 CU & (1) #6 GND.	110	3				4	125	(3) #1 CU & (1) #6 GND.	DOAS-2
			5				6			
DOAS-3	(3) #2 CU & (1) #6 GND.	110	7				8			
			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	21				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 / E001 Panelboard PP-V
Scale: None

ELECTRICAL LEGEND:

- MOTOR
- EARTH GROUND
- JUNCTION BOX
- PB — PULL BOX
- FUSE WITH RATING
- MOLDED CASE CIRCUIT BREAKER
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED
- STARTER, COMBINATION WITH DISCONNECT SWITCH
- STARTER OR MOTOR CONTROLLER
- M — 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
- $_{USB}$ — 20A 120V WALL MOUNTED USB CHARGER RECEPTACLE TYPICAL OF HUBBELL USB20X OR ACCEPTABLE EQUAL
- ^{F} — FLOOR BOX WITH STAINLESS COVER TYPICAL OF LEW EECTRIC #OB-1-SP OR ACCEPTABLE EQUAL; PUSH BUTTON OPEN; FULLY IP66 RATED WATER PROOF (WHEN IN CLOSED POSITION); W/ 20A 125V E60120 GFCI RECEPTACLE (UNLESS OTHERWISE NOTED)
- ^{W} — 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
- S_{2} — SWITCH
  BLANK = SINGLE POLE; 2 = DOUBLE POLE
  3 = THREE-WAY; 4 = FOUR-WAY
  D = DIMMER; K = KEY OPERATED
  P = WITH PILOT LIGHT; PB= PUSH BUTTON
  T = TIMER OPERATED; WP= WEATHER PROOF
  X = EXPLOSION PROOF; OC= OCCUPANCY SENSOR
- OS — DUAL TECHNOLOGY OCCUPANCY SENSOR
- DS — 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.
- WF — WATER FLOW SWITCH
- TS — VALVE TAMPER SWITCH
- $_{X}$ — 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
- H — $_{R}$ — RATE OF RISE HEAT DETECTOR, 135°F
- CO — CARBON MONOXIDE DETECTOR; MTD. 60" A.F.F.
- FACP — ADDRESSABLE FIRE ALARM CONTROL PANEL
- FANP — FIRE ALARM ANNUNCIATOR PANEL
- RTS — REMOTE TEST SWITCH & LED FOR DUCT SMOKE DETECTORS
- R — FIRE ALARM RELAY

ELECTRICAL NOTES:

1. 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.
2. 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.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. 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.
5. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
6. 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.
7. 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.
8. EQUIPMENT AND MATERIALS FOR WHICH UNDERWRITERS LABORATORIES INC. (UL) PROVIDES PRODUCT LISTING SERVICE SHALL BE LISTED AND BEAR THE LISTING MARK.
9. 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.
10. 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).
11. 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.
12. 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.
13. LIGHTING LOADS SHALL NOT BE COMBINED ON THE SAME CIRCUIT AS ANY OTHER ELECTRICAL LOADS.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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 MUST ONLY 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

MATTHEW GEORGE BLAKE — 090660 — LICENSED PROFESSIONAL ENGINEER — STATE OF NEW YORK
Expiration Date: 05-31-2025

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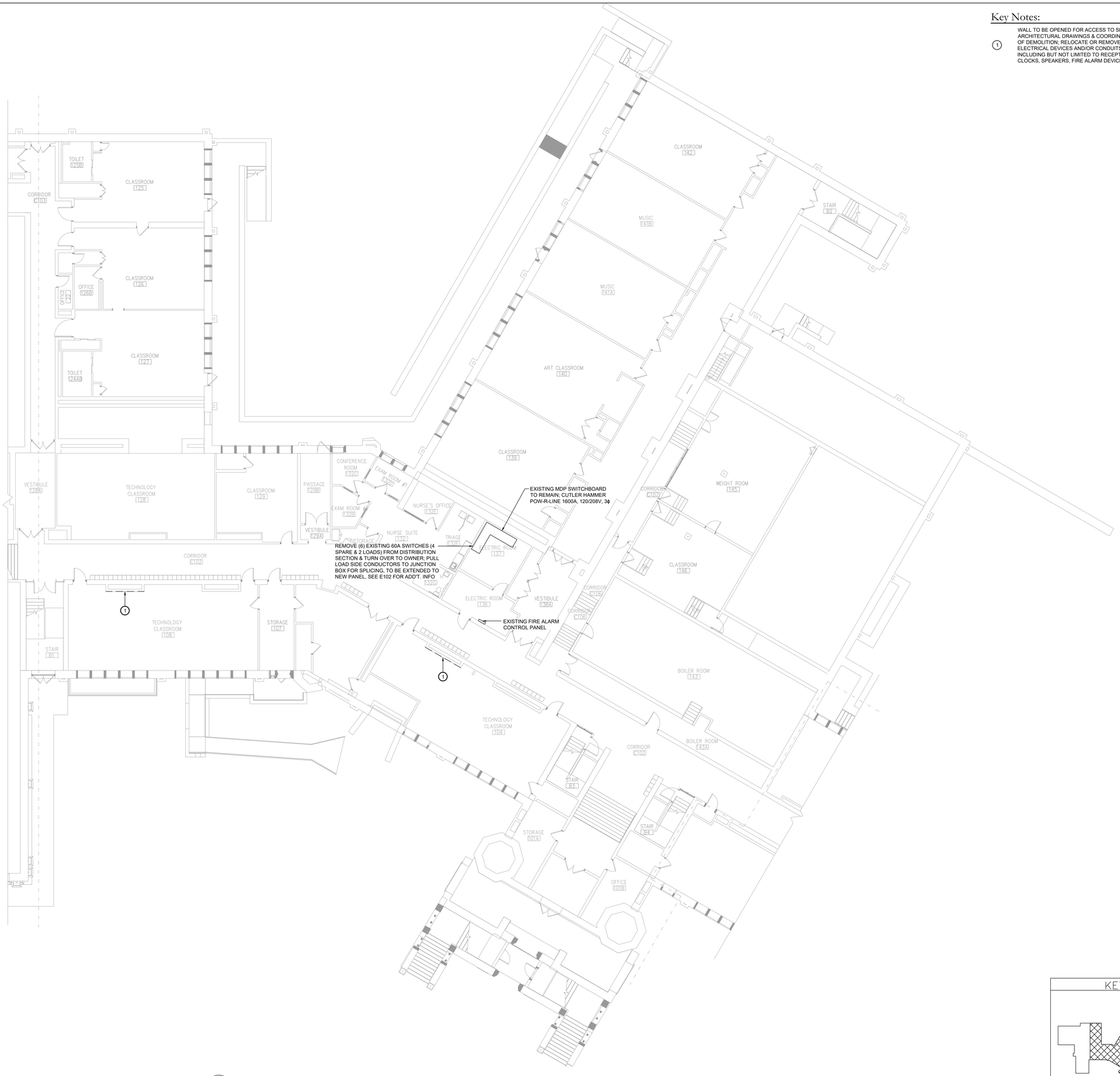
Sheet Title
ELECTRICAL NOTES, LEGEND, DETAILS & SCHEDULES

Sheet No.
IEYMS
E001

CONSTRUCTION DOCUMENTS

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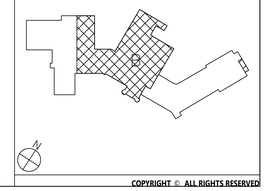
1. WALL TO BE OPENED FOR ACCESS TO SHAFTS; REFER TO ARCHITECTURAL DRAWINGS & COORDINATE W/ GC ON EXTENTS OF DEMOLITION; RELOCATE OR REMOVE & REINSTALL ANY ELECTRICAL DEVICES AND/OR CONDUITS IMPACTED BY THE SCOPE INCLUDING BUT NOT LIMITED TO RECEPTACLES, SWITCHES, CLOCKS, SPEAKERS, FIRE ALARM DEVICES,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



1 / ED102 Area B Ground Floor Electrical Demolition Plan

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

KEY PLAN



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

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
089039
LICENSED PROFESSIONAL ENGINEER

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AREA B GROUND FLOOR ELECTRICAL DEMOLITION PLAN

Sheet No.
IEYMS ED102

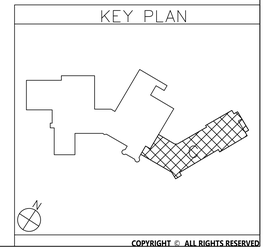
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1 / ED103 Area C Ground Floor Electrical Demolition Plan

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MATTHEW GEORGE BLAKE
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STATE OF NEW YORK

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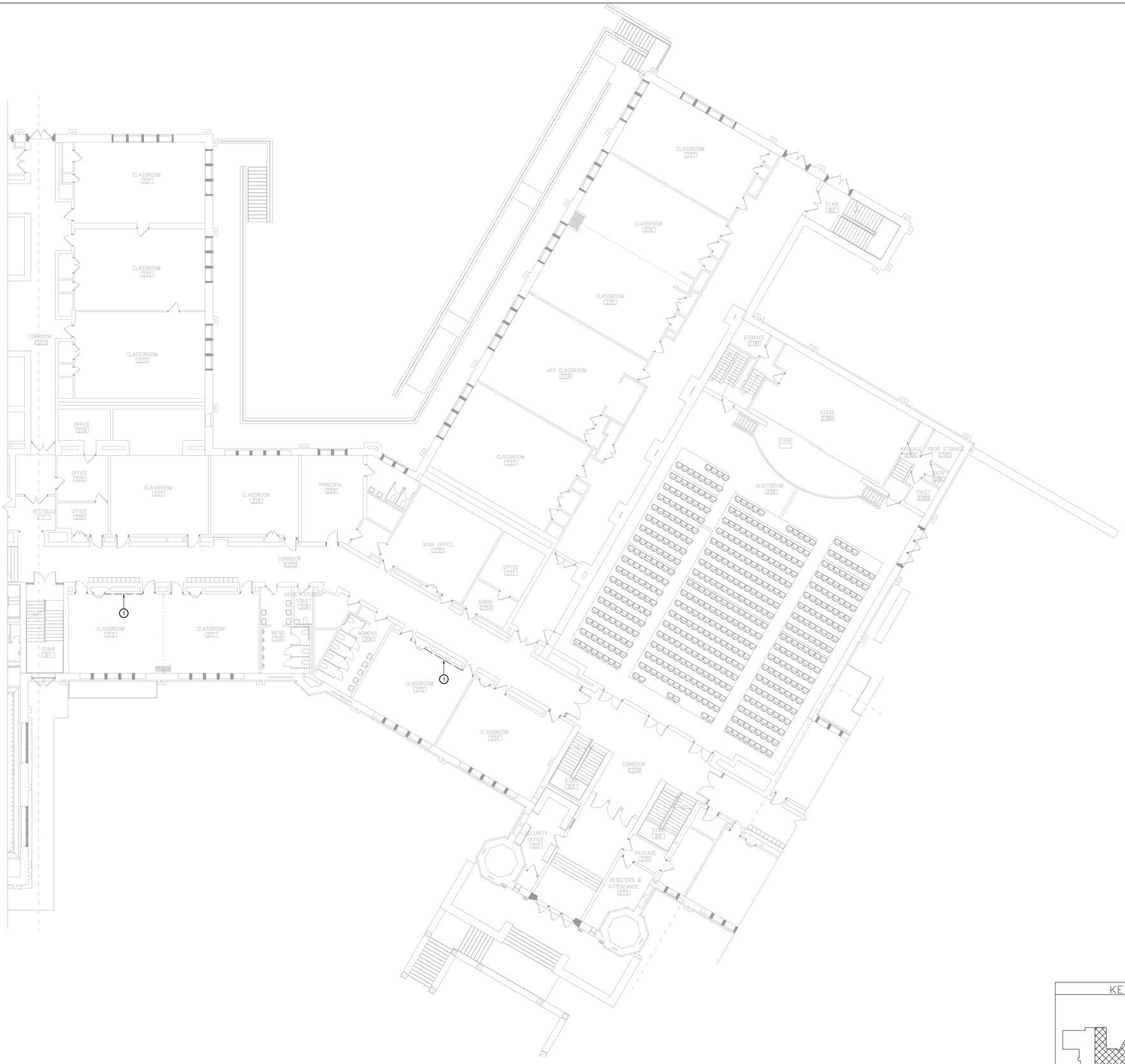
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AREA C GROUND FLOOR ELECTRICAL DEMOLITION PLAN

Sheet No.

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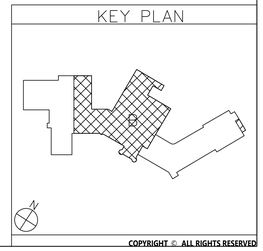
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1 ED112 Area B 1st Floor Electrical Demolition Plan

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2023 CAPITAL PROJECTS - PHASE 2B

STATE OF NEW YORK MATTHEW GEORGE WEIKE 076840 LICENSED PROFESSIONAL ENGINEER

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Sheet Title

AREA B
1ST FLOOR
ELECTRICAL
DEMOLITION
PLAN

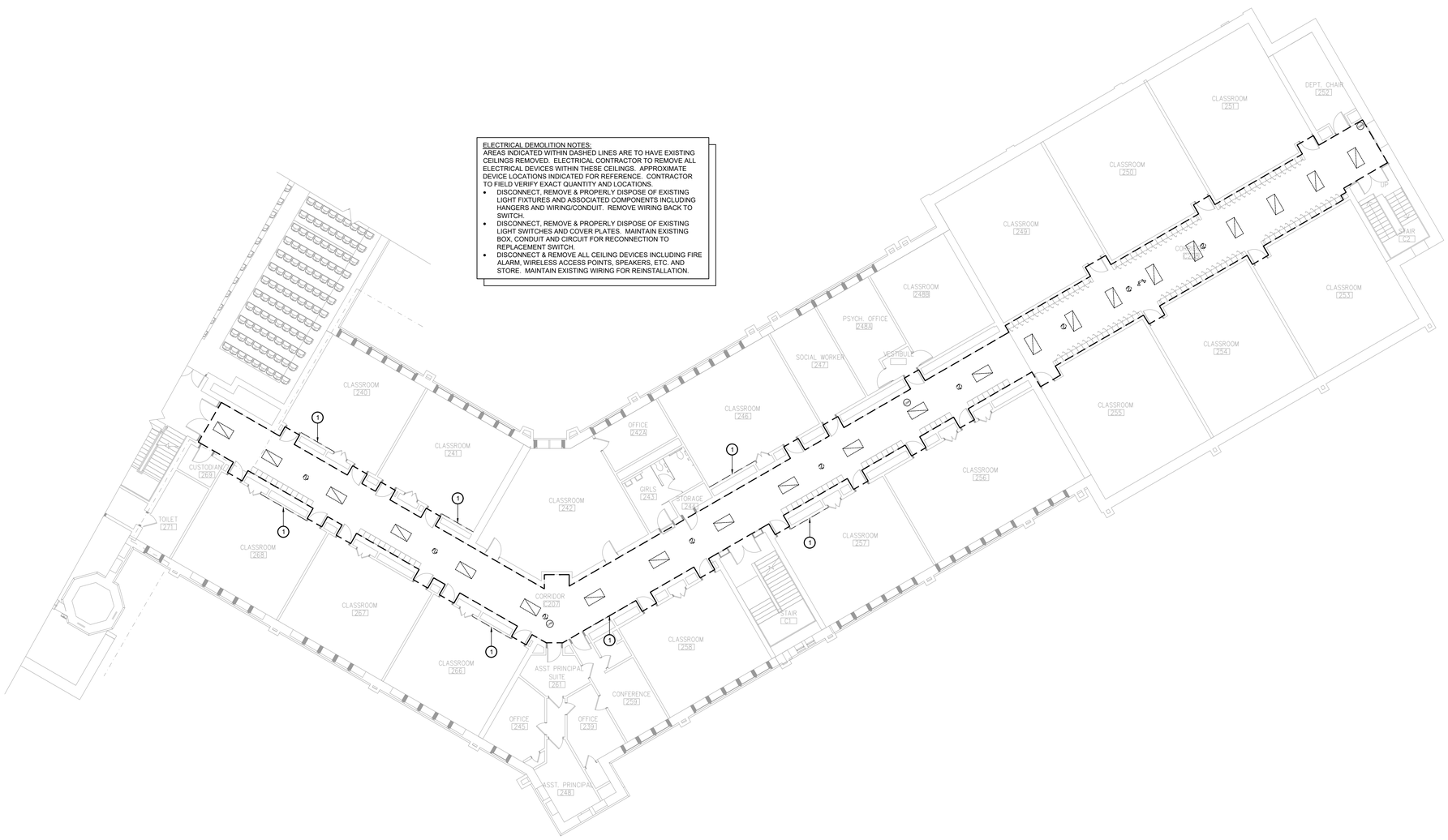
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IEYMS
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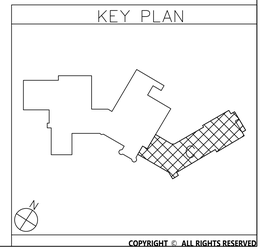
ELECTRICAL DEMOLITION NOTES:
AREAS INDICATED WITHIN DASHED LINES ARE TO HAVE EXISTING CEILINGS REMOVED. ELECTRICAL CONTRACTOR TO REMOVE ALL ELECTRICAL DEVICES WITHIN THESE CEILINGS. APPROXIMATE DEVICE LOCATIONS INDICATED FOR REFERENCE. CONTRACTOR TO FIELD VERIFY EXACT QUANTITY AND LOCATIONS.

- 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 / ED113 Area C 1st Floor Electrical Demolition Plan
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STATE OF NEW YORK * MATTHEW GEORGE BLAKE * 090689 LICENSED PROFESSIONAL ENGINEER
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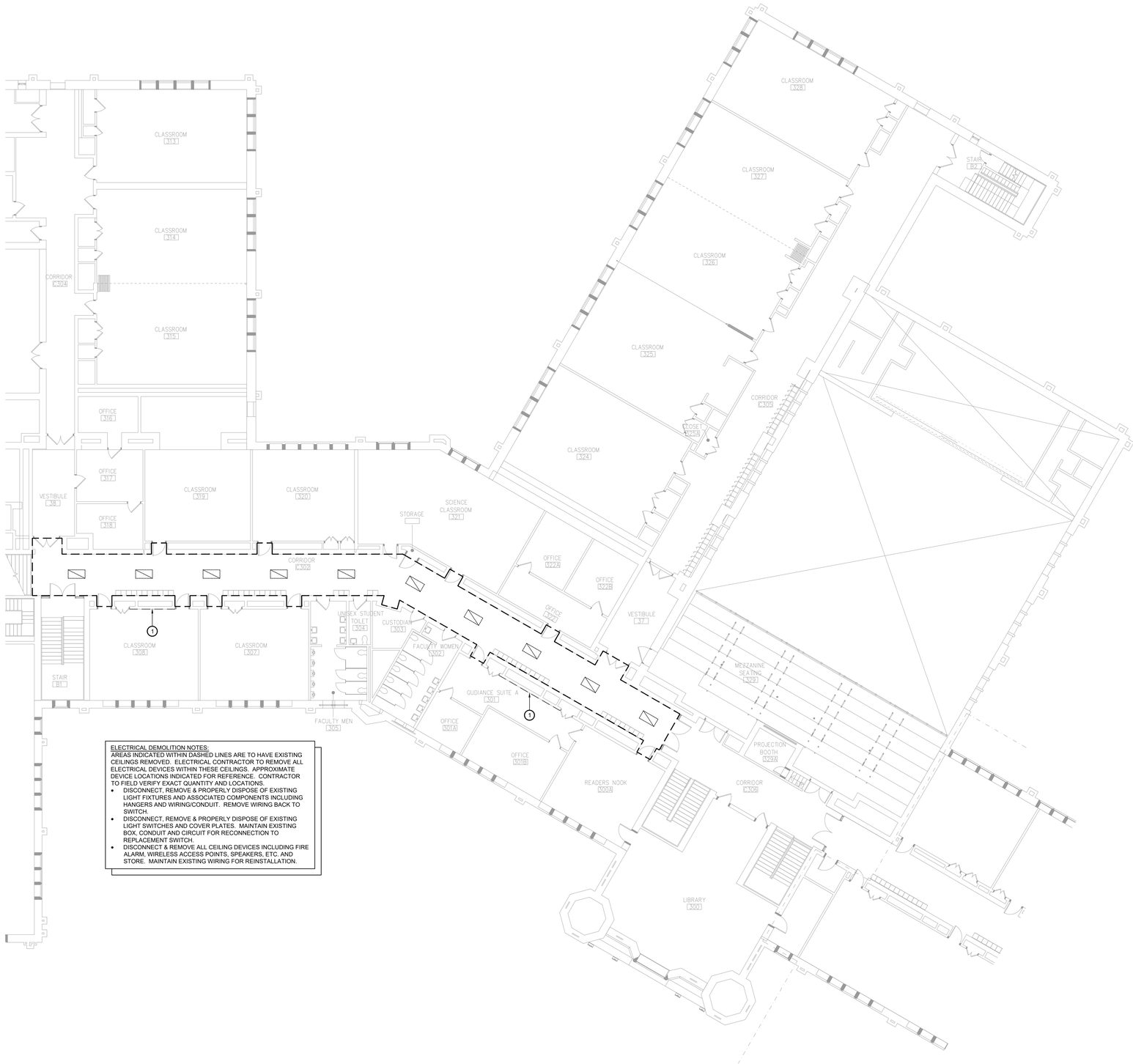
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AREA C
1ST FLOOR
ELECTRICAL
DEMOLITION
PLAN

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IEYMS
ED113

CONSTRUCTION DOCUMENTS

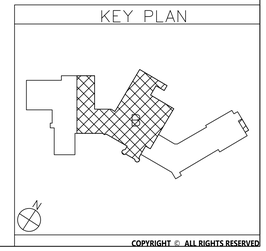


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- DISCONNECT & REMOVE ALL CEILING DEVICES INCLUDING FIRE ALARM, WIRELESS ACCESS POINTS, SPEAKERS, ETC. AND STORE. MAINTAIN EXISTING WIRING FOR REINSTALLATION.

1 / ED122 Area B 2nd Floor Electrical Demolition Plan
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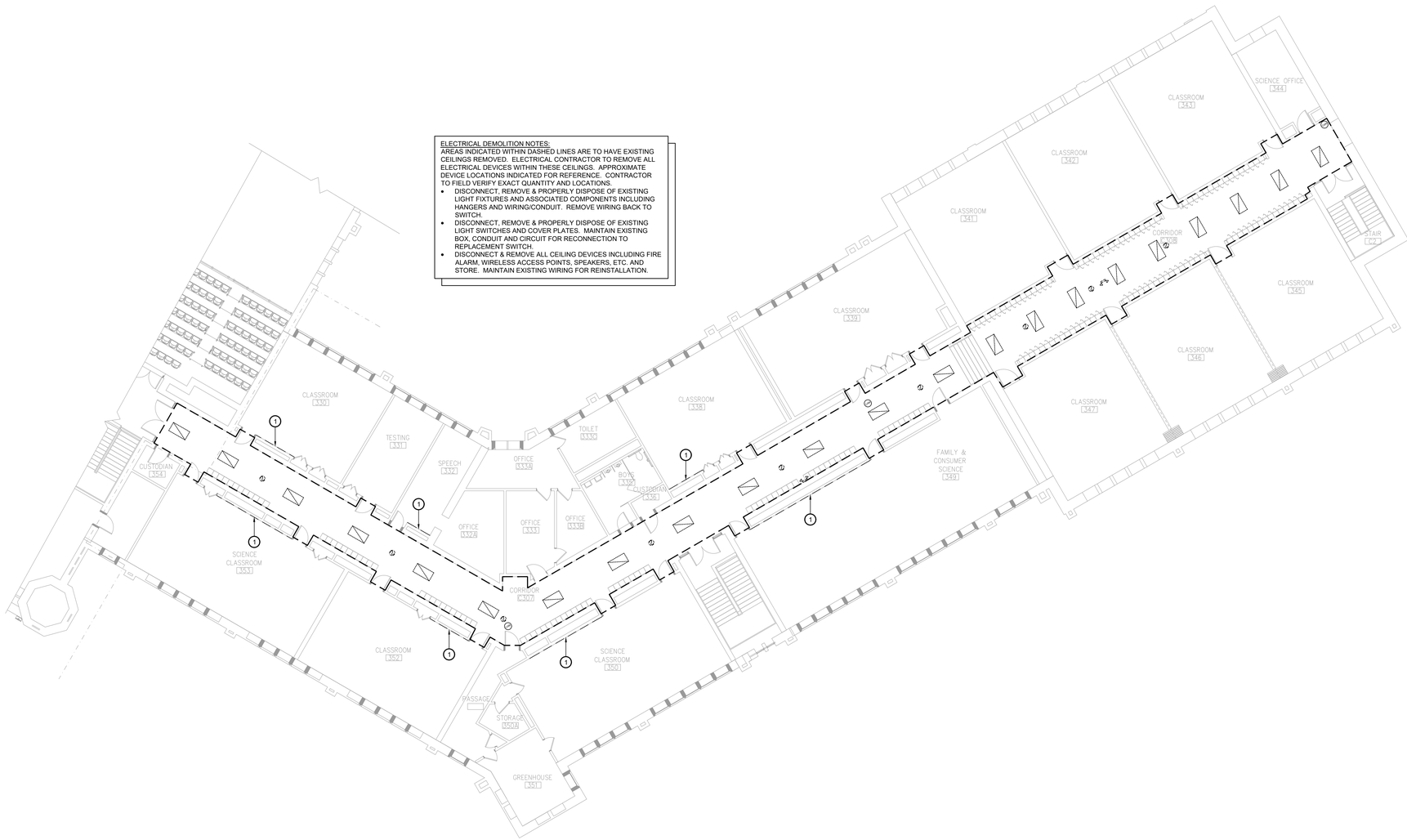
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2ND FLOOR
ELECTRICAL
DEMOLITION
PLAN

Sheet No.
IEYMS
ED122

CONSTRUCTION DOCUMENTS

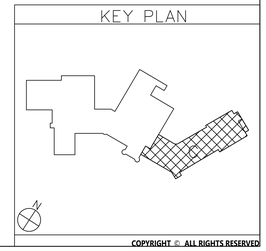
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- DISCONNECT & REMOVE ALL CEILING DEVICES INCLUDING FIRE ALARM, WIRELESS ACCESS POINTS, SPEAKERS, ETC. AND STORE. MAINTAIN EXISTING WIRING FOR REINSTALLATION.



1 / ED123 Area C 2nd Floor Electrical Demolition Plan
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ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
LICENSED PROFESSIONAL ENGINEER
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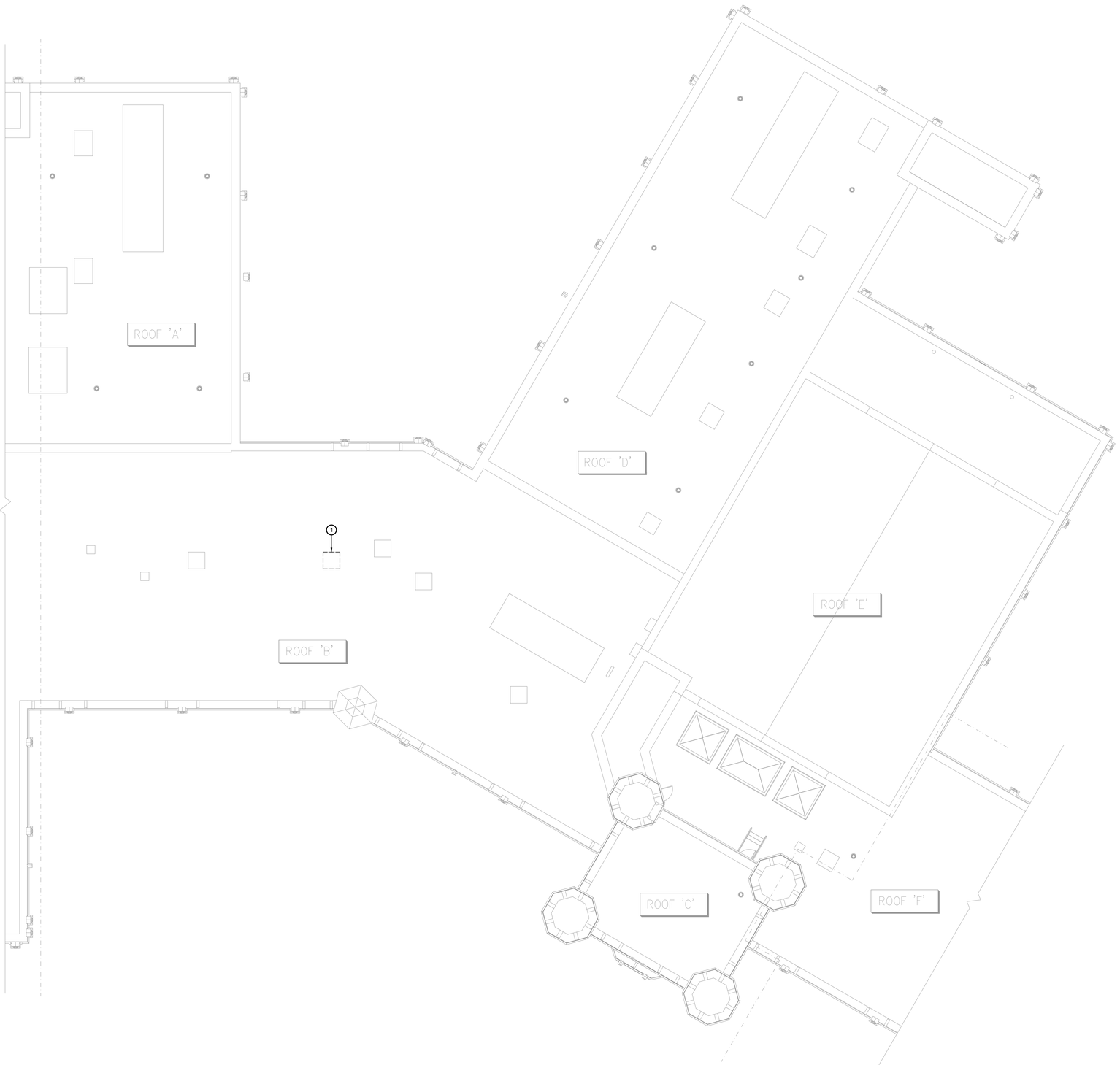
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2ND FLOOR
ELECTRICAL
DEMOLITION
PLAN

Sheet No.
IEYMS
ED123

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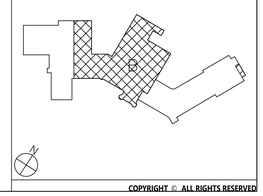
Key Notes:

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 / ED132 Area B Roof Electrical Demolition Plan
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ISAAC E YOUNG MIDDLE SCHOOL
2023 CAPITAL PROJECTS - PHASE 2B

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
090689
LICENSED PROFESSIONAL ENGINEER

Expiration Date: 05-31-2025

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Sheet Title

AREA B
ROOF
ELECTRICAL
DEMOLITION
PLAN

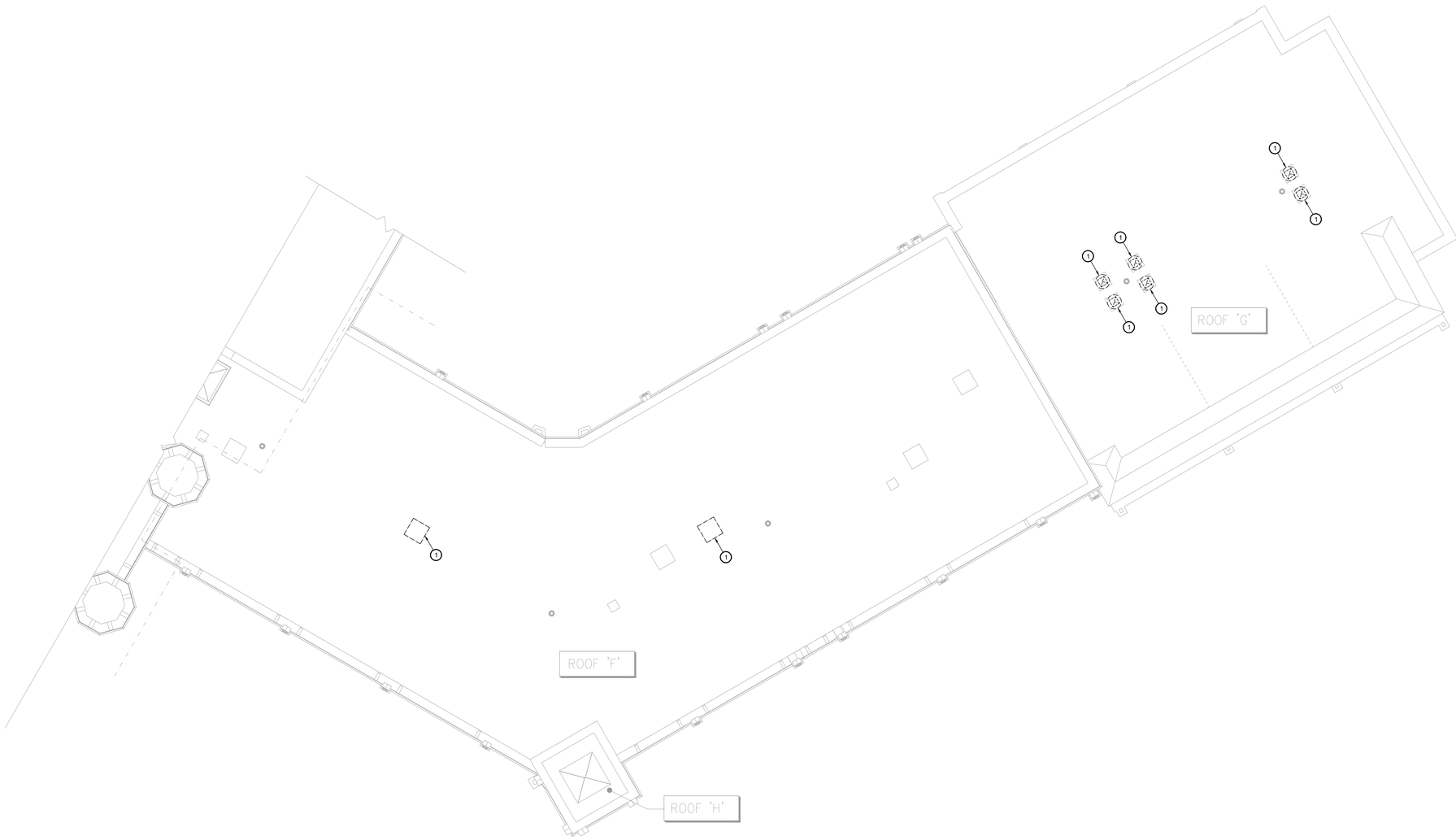
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IEYMS
ED132

CONSTRUCTION DOCUMENTS

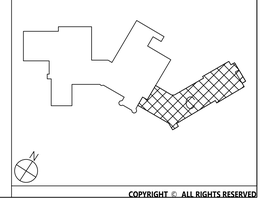
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1 / ED133 Area C Roof Electrical Demolition Plan
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KEY PLAN



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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 095689 · LICENSED PROFESSIONAL ENGINEER
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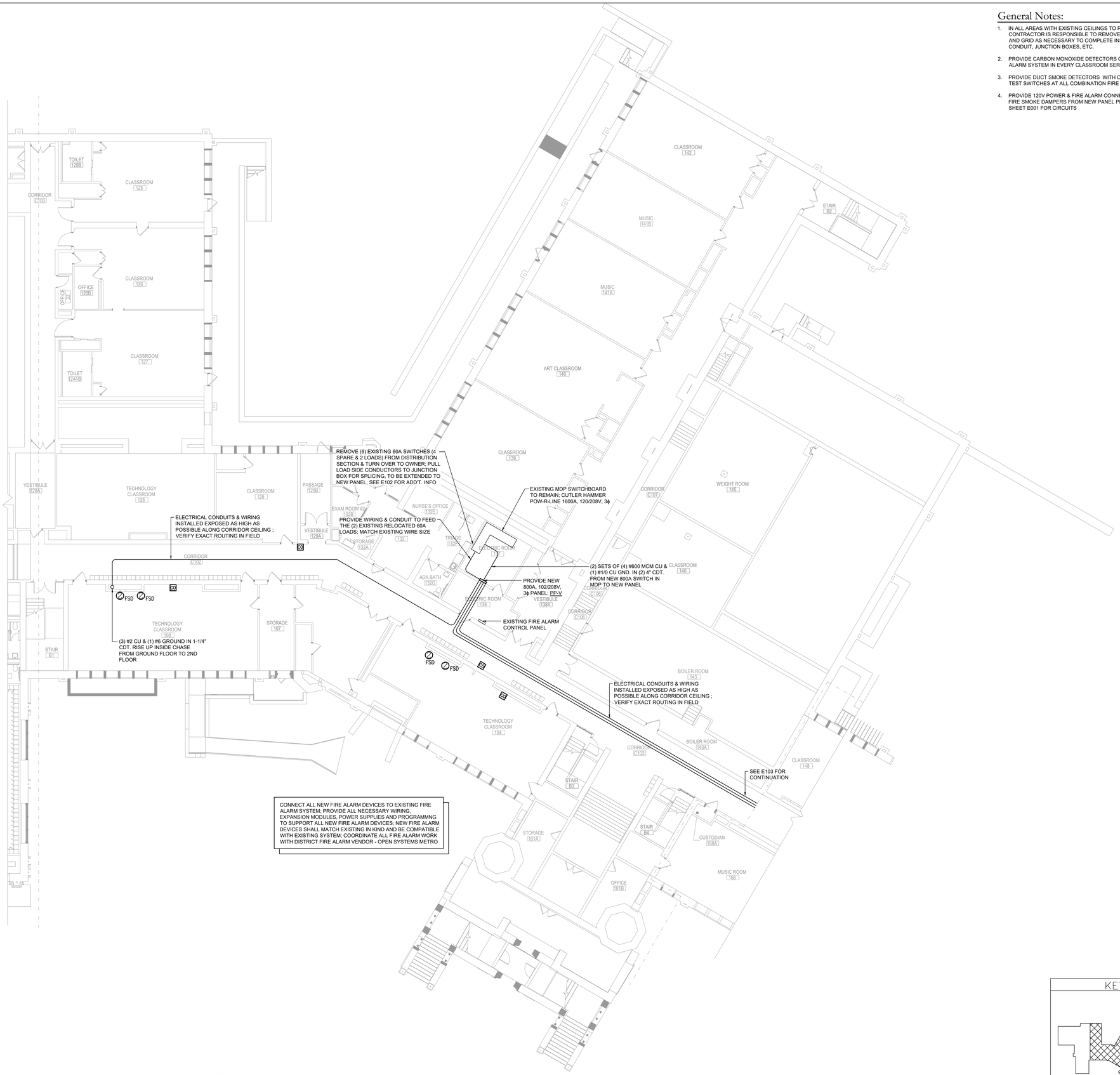
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AREA C
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ELECTRICAL
DEMOLITION
PLAN

Sheet No.
IEYMS
ED133

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 / E102 Area B Ground Floor Electrical Plan

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

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Consultant
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Project Title

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

STATE OF NEW YORK MATTHEW GEORGE BLAKE 105868 LICENSED PROFESSIONAL ENGINEER

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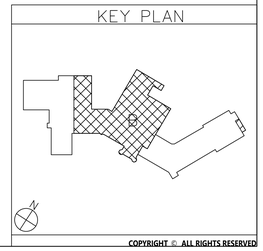
AREA B GROUND FLOOR ELECTRICAL PLAN

Sheet No.

IEYMS E102

CONSTRUCTION DOCUMENTS

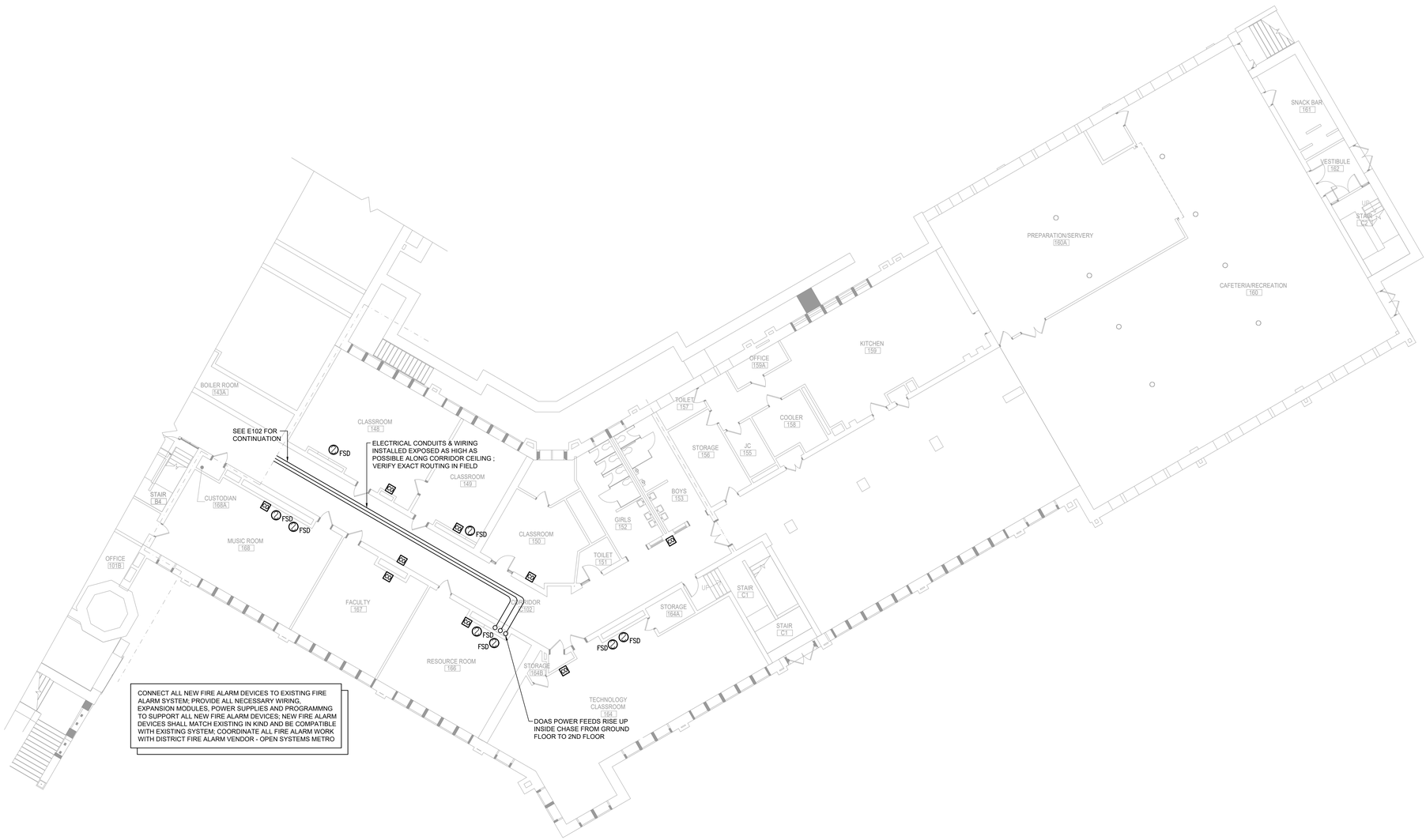
KEY PLAN



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General Notes:

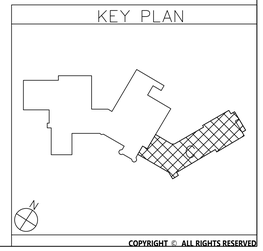
1. IN ALL AREAS WITH EXISTING CEILINGS TO REMAIN, ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO COMPLETE INSTALLATION OF WIRING, CONDUIT, JUNCTION BOXES, ETC.
2. PROVIDE CARBON MONOXIDE DETECTORS CONNECTED TO EXISTING FIRE ALARM SYSTEM IN EVERY CLASSROOM 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 / E103 Area C Ground Floor Electrical Plan

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

KEY PLAN



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Consultant

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MEP / FP CONSULTING & ENGINEERING SERVICES, D.P.C.

Project Title

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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 090659 · LICENSED PROFESSIONAL ENGINEER

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Sheet Title

AREA C GROUND FLOOR ELECTRICAL PLAN

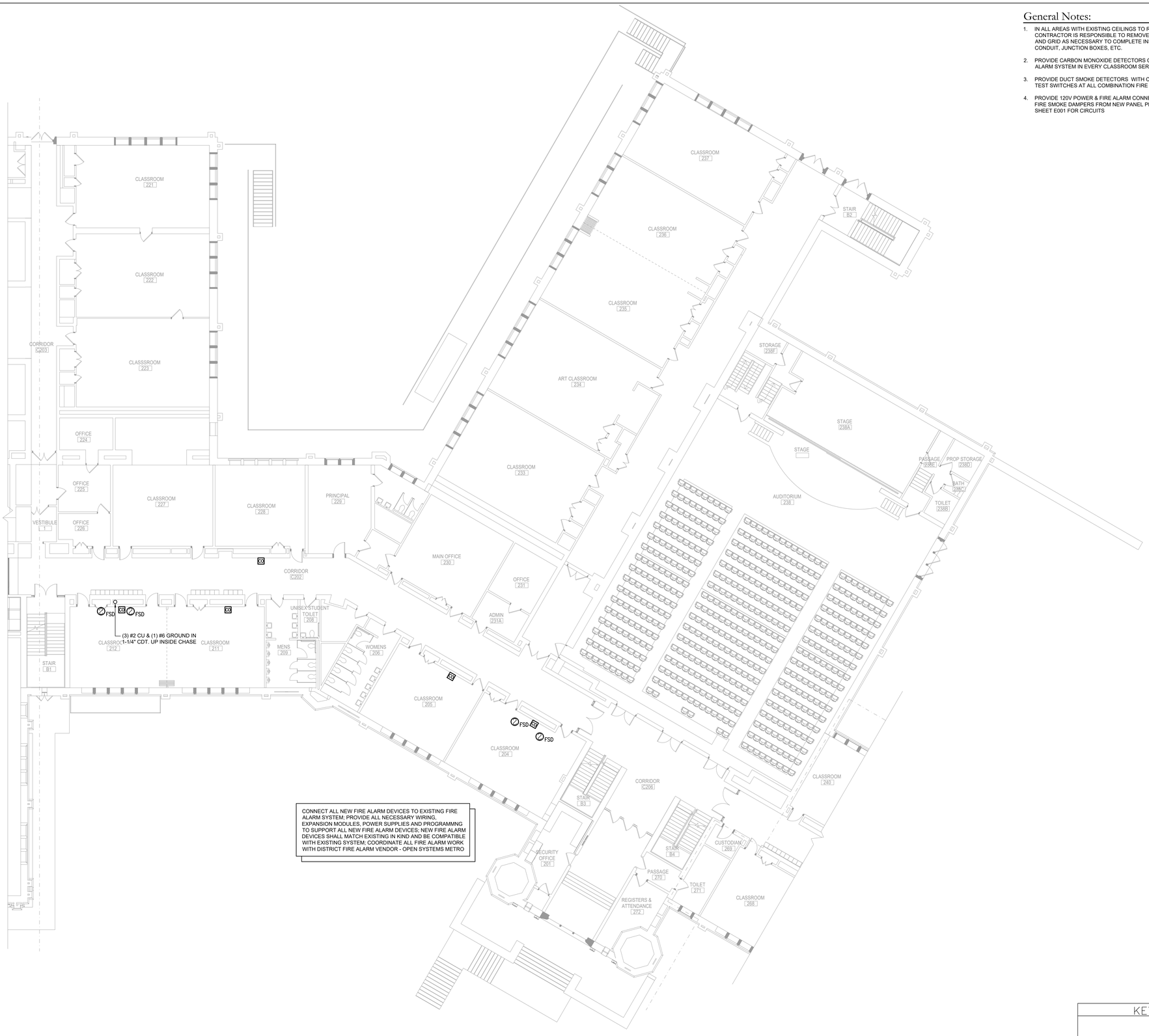
Sheet No.

IEYMS E103

CONSTRUCTION DOCUMENTS

General Notes:

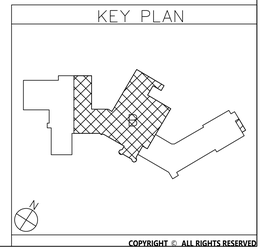
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1 / E112 Area B 1st Floor Electrical Plan

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

KEY PLAN



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Project Title

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

STATE OF NEW YORK MATTHEW GEORGE BLAKE 070680 LICENSED PROFESSIONAL ENGINEER

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Sheet Title

AREA B
1ST FLOOR
ELECTRICAL
PLAN

Sheet No.

IEYMS
E112

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.
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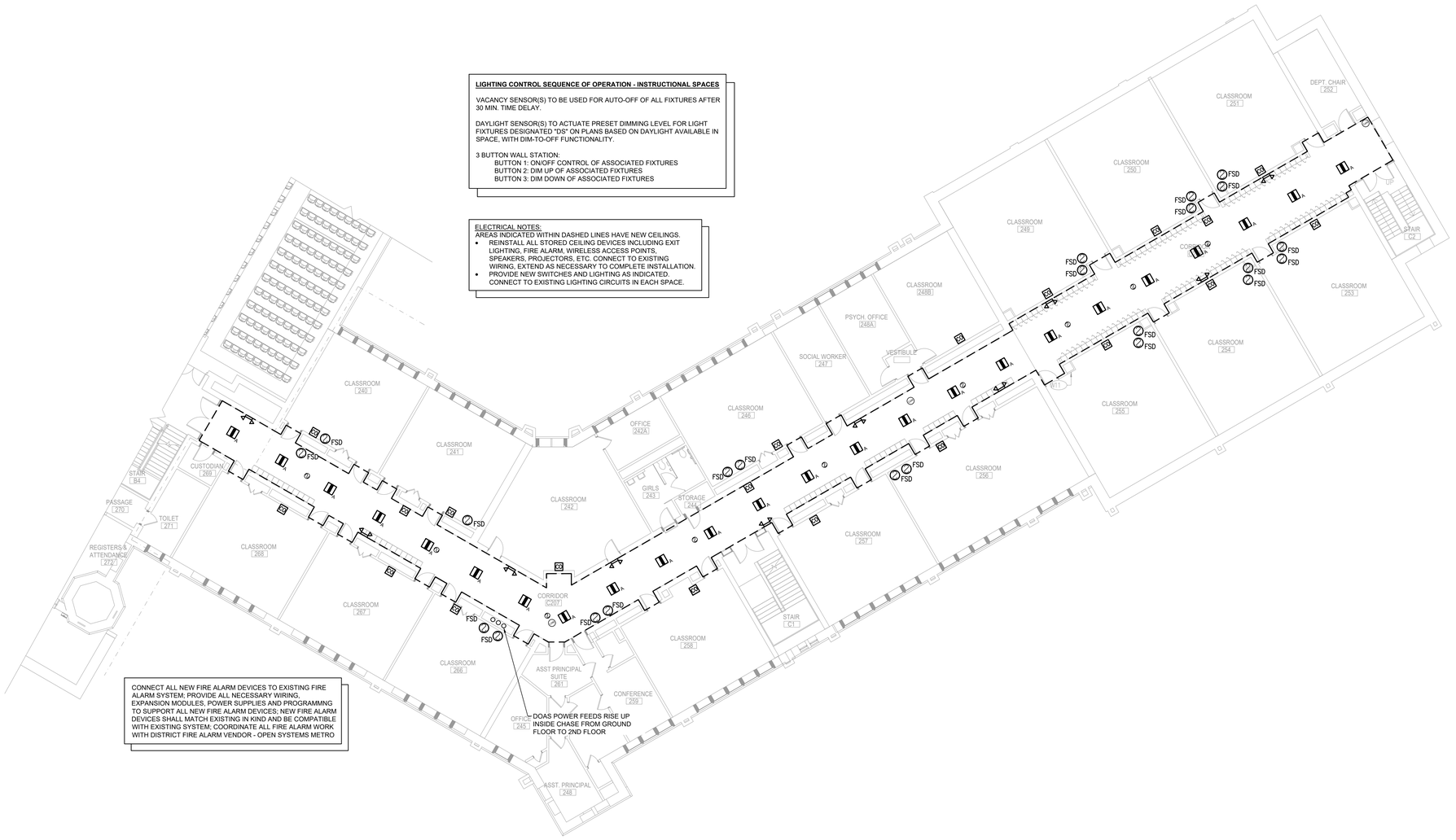
LIGHTING CONTROL SEQUENCE OF OPERATION - INSTRUCTIONAL SPACES

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.

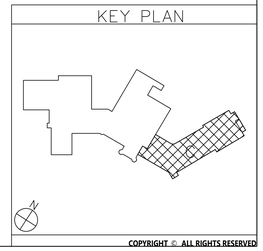
3 BUTTON WALL STATION:
BUTTON 1: ON/OFF CONTROL OF ASSOCIATED FIXTURES
BUTTON 2: DIM UP OF ASSOCIATED FIXTURES
BUTTON 3: DIM DOWN OF ASSOCIATED FIXTURES

ELECTRICAL NOTES:
AREAS INDICATED WITHIN DASHED LINES HAVE NEW CEILINGS.
- 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 / E113 Area C 1st Floor Electrical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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Consultant

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MEP / FIRE PROTECTION & TECHNOLOGY CONSULTANTS

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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 076868 · LICENSED PROFESSIONAL ENGINEER

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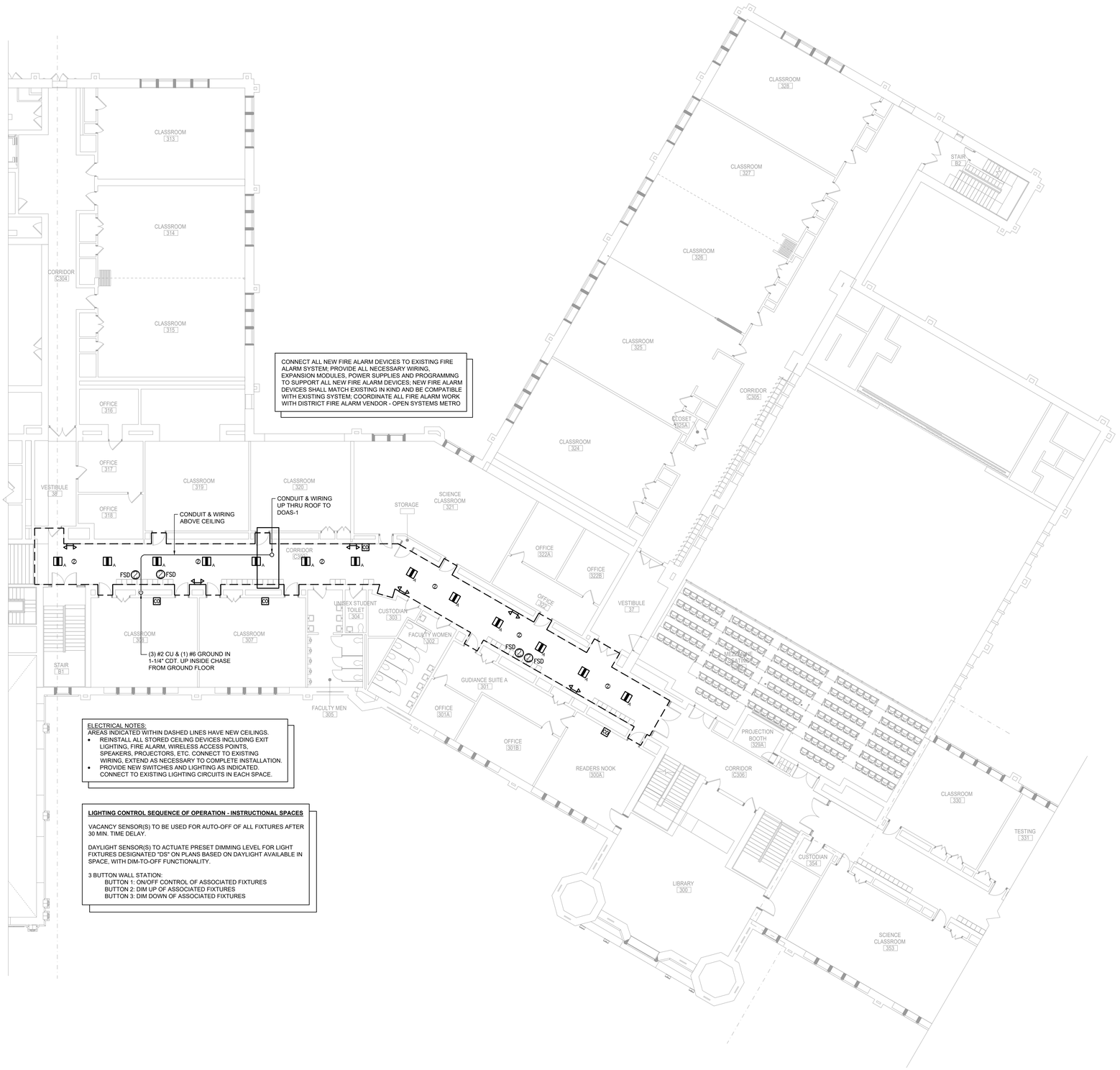
Sheet Title
AREA C
1ST FLOOR
ELECTRICAL
PLAN

Sheet No.
IEYMS
E113

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.
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ELECTRICAL NOTES:
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- PROVIDE NEW SWITCHES AND LIGHTING AS INDICATED. CONNECT TO EXISTING LIGHTING CIRCUITS IN EACH SPACE.

LIGHTING CONTROL SEQUENCE OF OPERATION - INSTRUCTIONAL SPACES

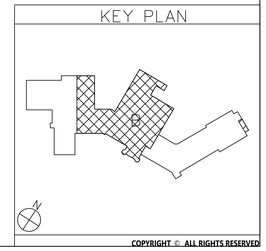
VACANCY SENSOR(S) TO BE USED FOR AUTO-OFF OF ALL FIXTURES AFTER 30 MIN. TIME DELAY.

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

1 / E122 Area B 2nd Floor Electrical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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MEP/FP CONSULTING & ENGINEERING

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

MATTHEW GEORGE BLAKE 090639 LICENSED PROFESSIONAL ENGINEER STATE OF NEW YORK
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Sheet Title
AREA B
2ND FLOOR
ELECTRICAL
PLAN

Sheet No.
IEYMS
E122

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.
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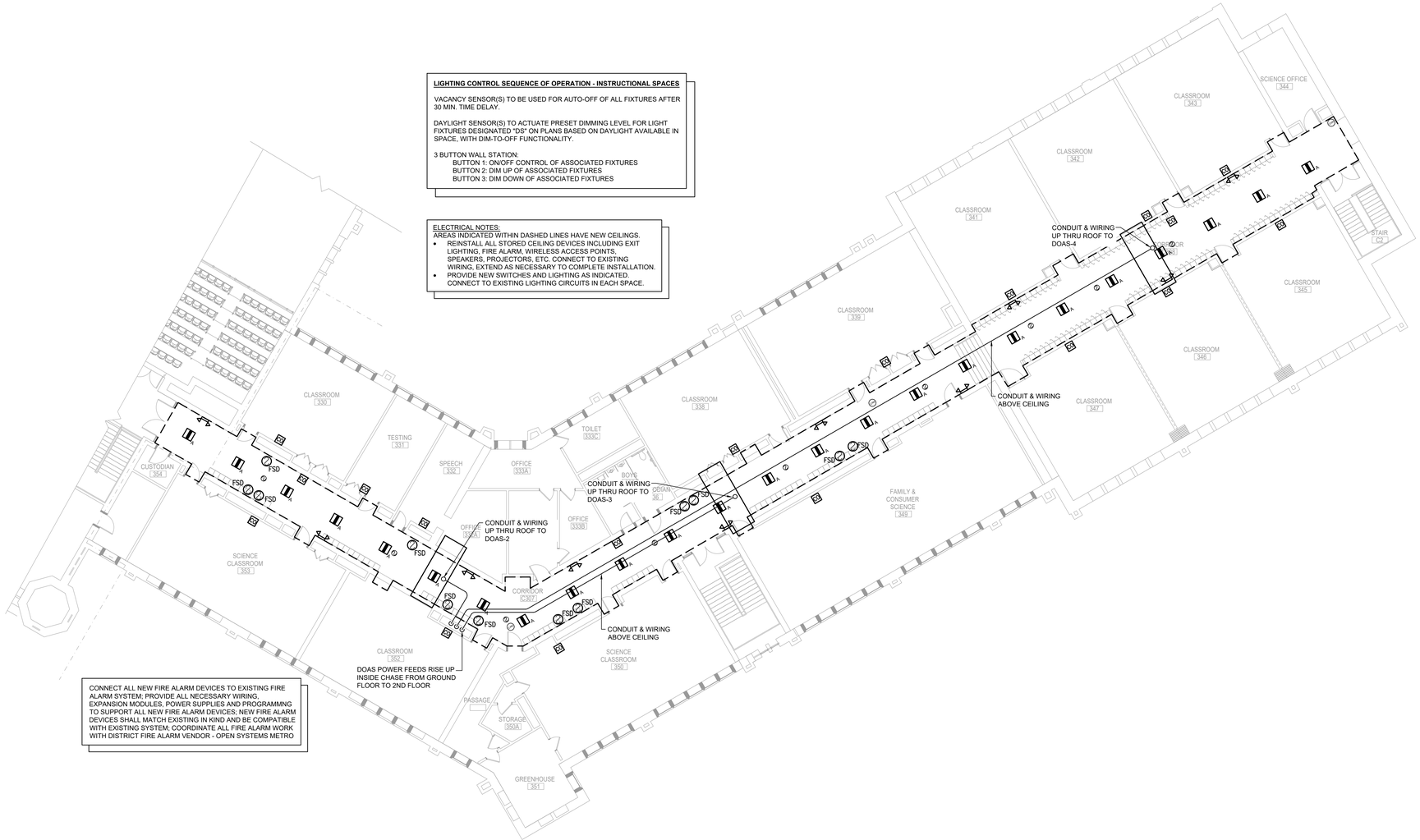
LIGHTING CONTROL SEQUENCE OF OPERATION - INSTRUCTIONAL SPACES

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BUTTON 2: DIM UP OF ASSOCIATED FIXTURES
BUTTON 3: DIM DOWN OF ASSOCIATED FIXTURES

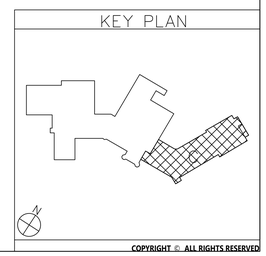
ELECTRICAL NOTES:
AREAS INDICATED WITHIN DASHED LINES HAVE NEW CEILINGS.
- REINSTALL ALL STORED CEILING DEVICES INCLUDING EXIT LIGHTING, FIRE ALARM, WIRELESS ACCESS POINTS, SPEAKERS, PROJECTORS, ETC. CONNECT TO EXISTING WIRING, EXTEND AS NECESSARY TO COMPLETE INSTALLATION.
- PROVIDE NEW SWITCHES AND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



CONNECT ALL NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM; PROVIDE ALL NECESSARY WIRING, EXPANSION MODULES, POWER SUPPLIES AND PROGRAMMNG 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 / E123 Area C 2nd Floor Electrical Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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Consultant
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MEP / FIRE PROTECTION & TECHNOLOGY CONSULTANTS

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

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 089039 · LICENSED PROFESSIONAL ENGINEER
Expiration Date: 05-31-2025

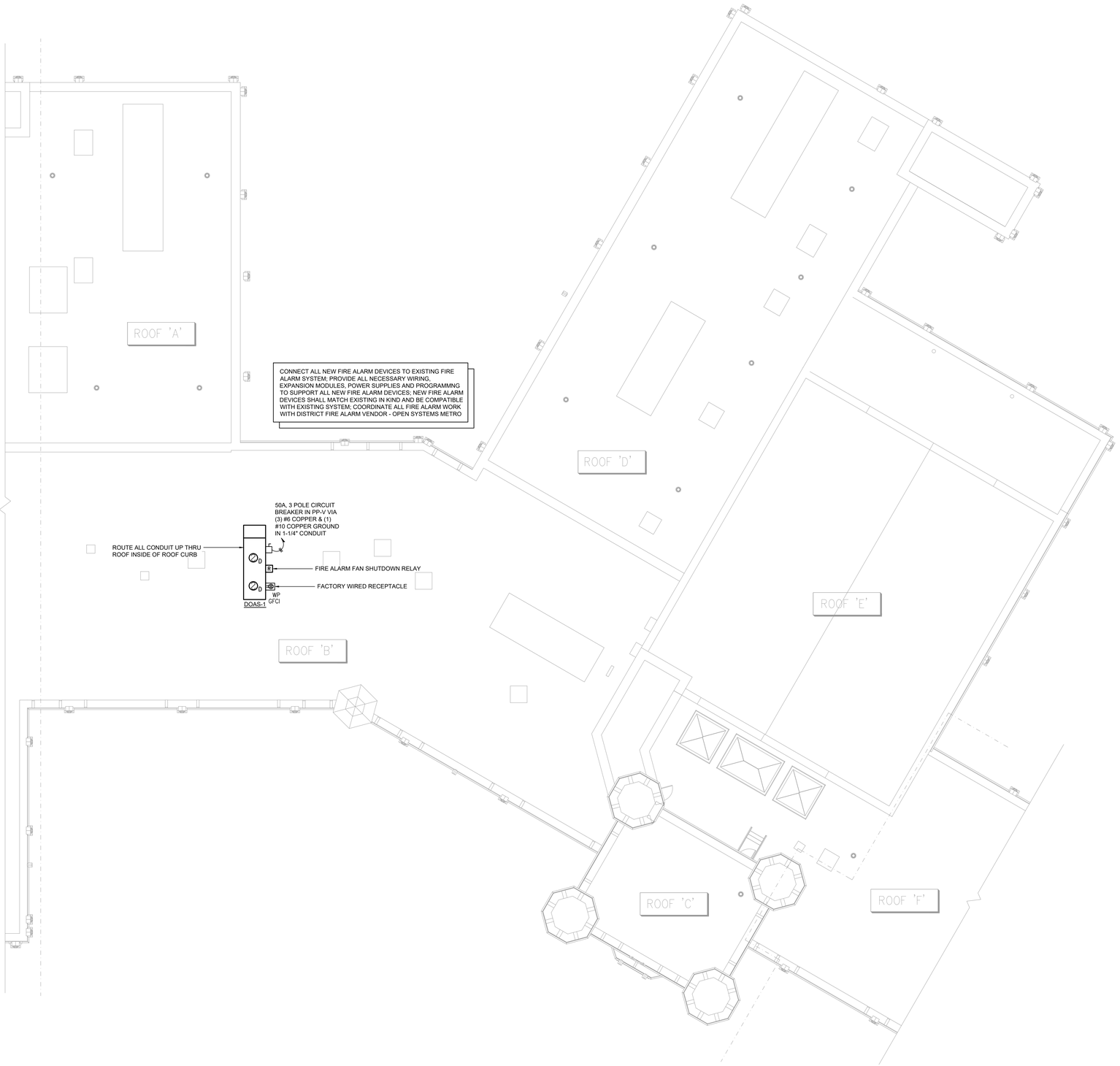
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Sheet Title
AREA C
2ND FLOOR
ELECTRICAL
PLAN

Sheet No.
IEYMS
E123

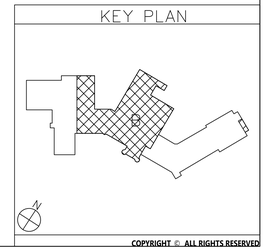
CONSTRUCTION DOCUMENTS



1 / E132 Area B Roof Electrical Plan

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

KEY PLAN



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Project Title

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

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
090659
LICENSED PROFESSIONAL ENGINEER

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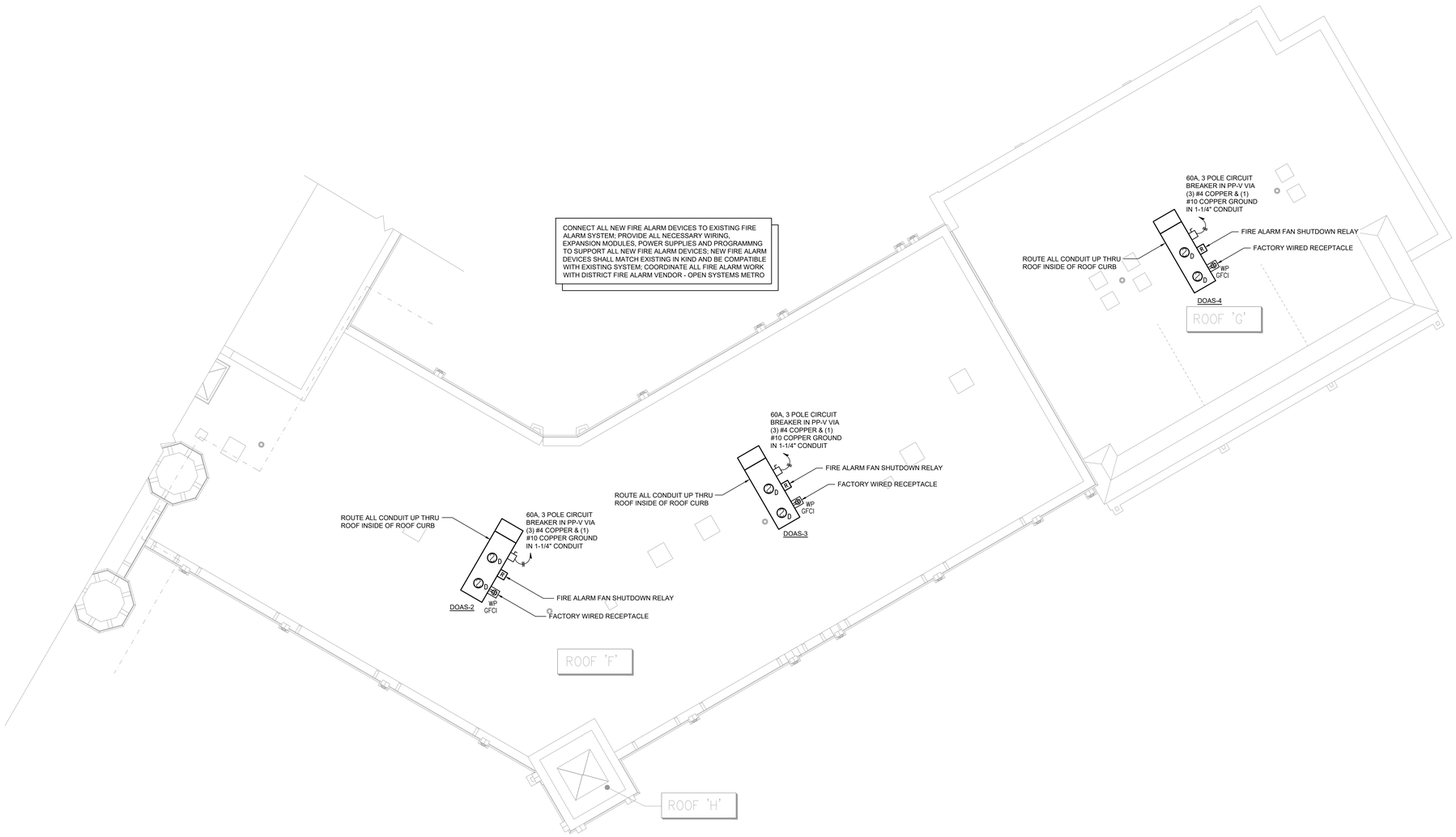
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AREA B ROOF ELECTRICAL PLAN

Sheet No.

IEYMS E132

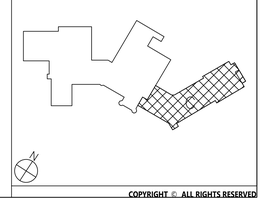
CONSTRUCTION DOCUMENTS



1 / E133 Area C Roof Electrical Plan

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

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Project Title

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



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Sheet Title

AREA C ROOF ELECTRICAL PLAN

Sheet No.

IEYMS E133

CONSTRUCTION DOCUMENTS