

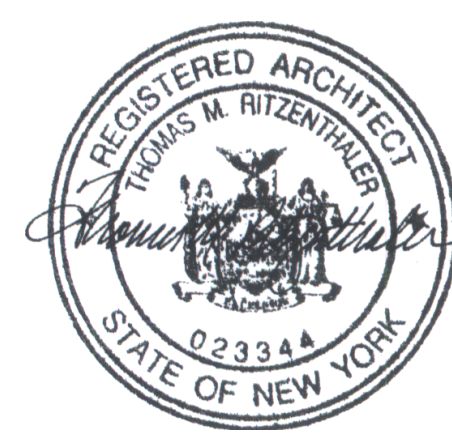
CITY SCHOOL DISTRICT OF NEW ROCHELLE

ISAAC E YOUNG MIDDLE SCHOOL

2023 CAPITAL PROJECTS - PHASE 2A



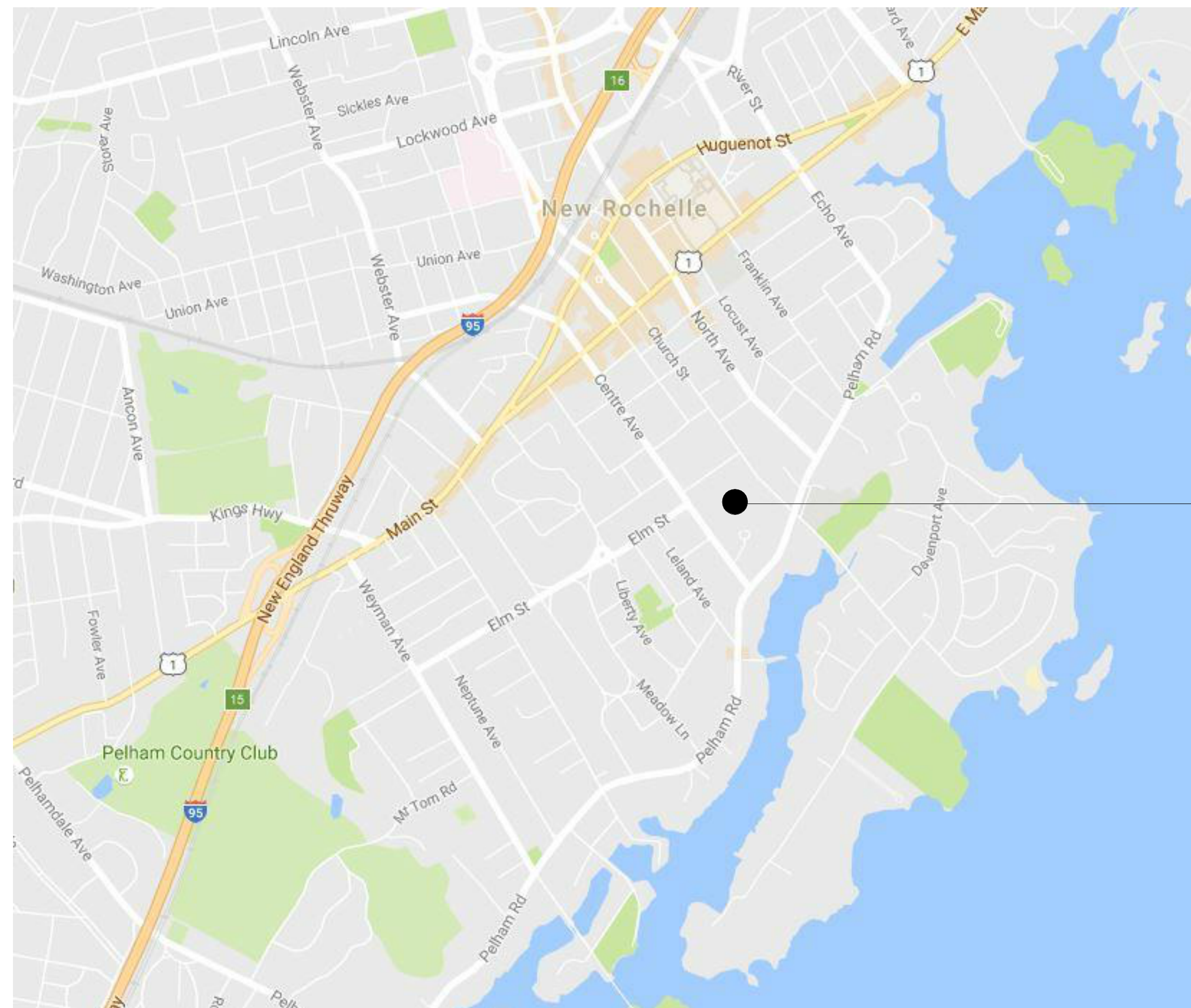
270 CENTRE AVE, NEW ROCHELLE, NY 10805
ISSUED FOR BID: 03/14/2025



CSARCH - ARCHITECTS
GREENMAN - PEDERSEN, INC. - MEP & STRUCTURAL ENGINEER

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:
2023 CAPITAL PROJECTS - PHASE 2A 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.

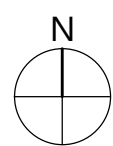
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ISAAC E. YOUNG MIDDLE SCHOOL
270 CENTRE AVENUE,
NEW ROCHELLE, NY 10805

VICINITY MAP

NTS



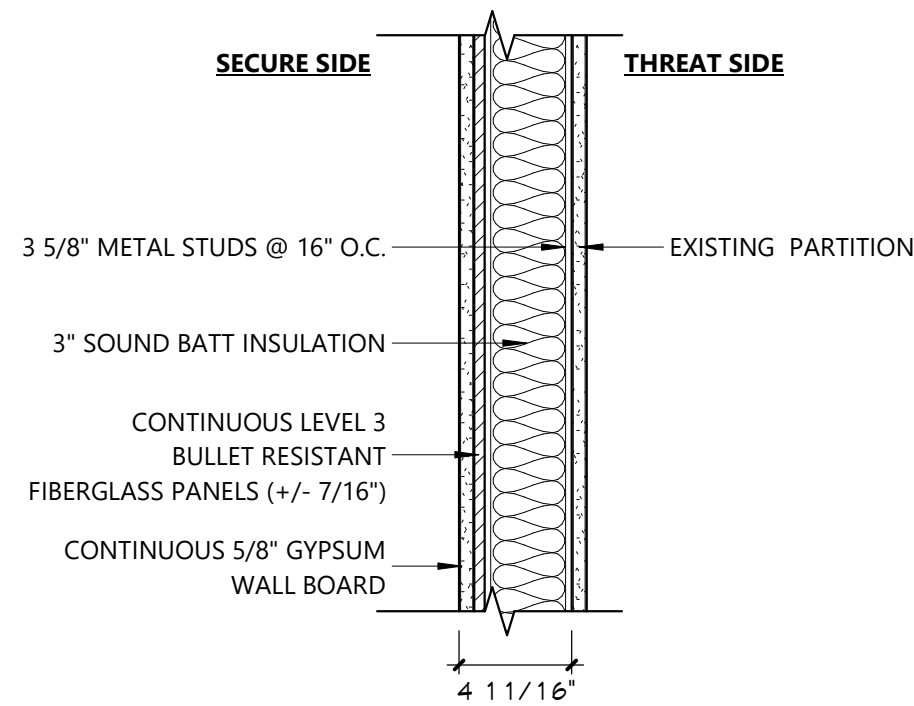
DRAWING LIST - VOLUME 2

GENERAL DRAWINGS	
G000	COVER
G001	SYMBOLS, ABBREVIATIONS, AND MSC
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
ARCHITECTURAL DEMOLITION DRAWINGS	
AD112	AREA 'B' - PARTIAL FIRST FLOOR DEMO PLAN
AD601	ENLARGED VESTIBULE DEMOLITION PLAN
AD812	AREA 'B' - PARTIAL FIRST FLOOR DEMO RCP
ARCHITECTURAL DRAWINGS	
A112	AREA 'B' - PARTIAL FIRST FLOOR PLAN
A601	ENLARGED PLANS, SECTIONS AND DETAILS
A812	AREA 'B' - PARTIAL FIRST FLOOR RCP
A900	DOOR SCHEDULE, ELEVATIONS, AND DETAILS
ARCHITECTURAL FINISH DRAWINGS	
AF001	MATERIAL SCHEDULE AND VESTIBULE FINISH PLAN
MECHANICAL GENERAL	
M001	MECHANICAL LEGENDS, DETAILS, AND ABBREVIATIONS
MECHANICAL DEMOLITION	
MD101	MECHANICAL REMOVALS PLAN
MECHANICAL DRAWINGS	
M101	MECHANICAL NEW WORK PLAN
ELECTRICAL GENERAL	
E001	ELECTRICAL LEGEND AND ABBREVIATIONS
ELECTRICAL DEMOLITION	
ED101	FIRST FLOOR ELECTRICAL REMOVALS PLAN
ELECTRICAL DRAWINGS	
E100	GROUND FLOOR ELECTRICAL PLAN
E101	FIRST FLOOR LIGHTING AND SYSTEMS PLAN
E102	FIRST FLOOR POWER AND TELECOM PLAN

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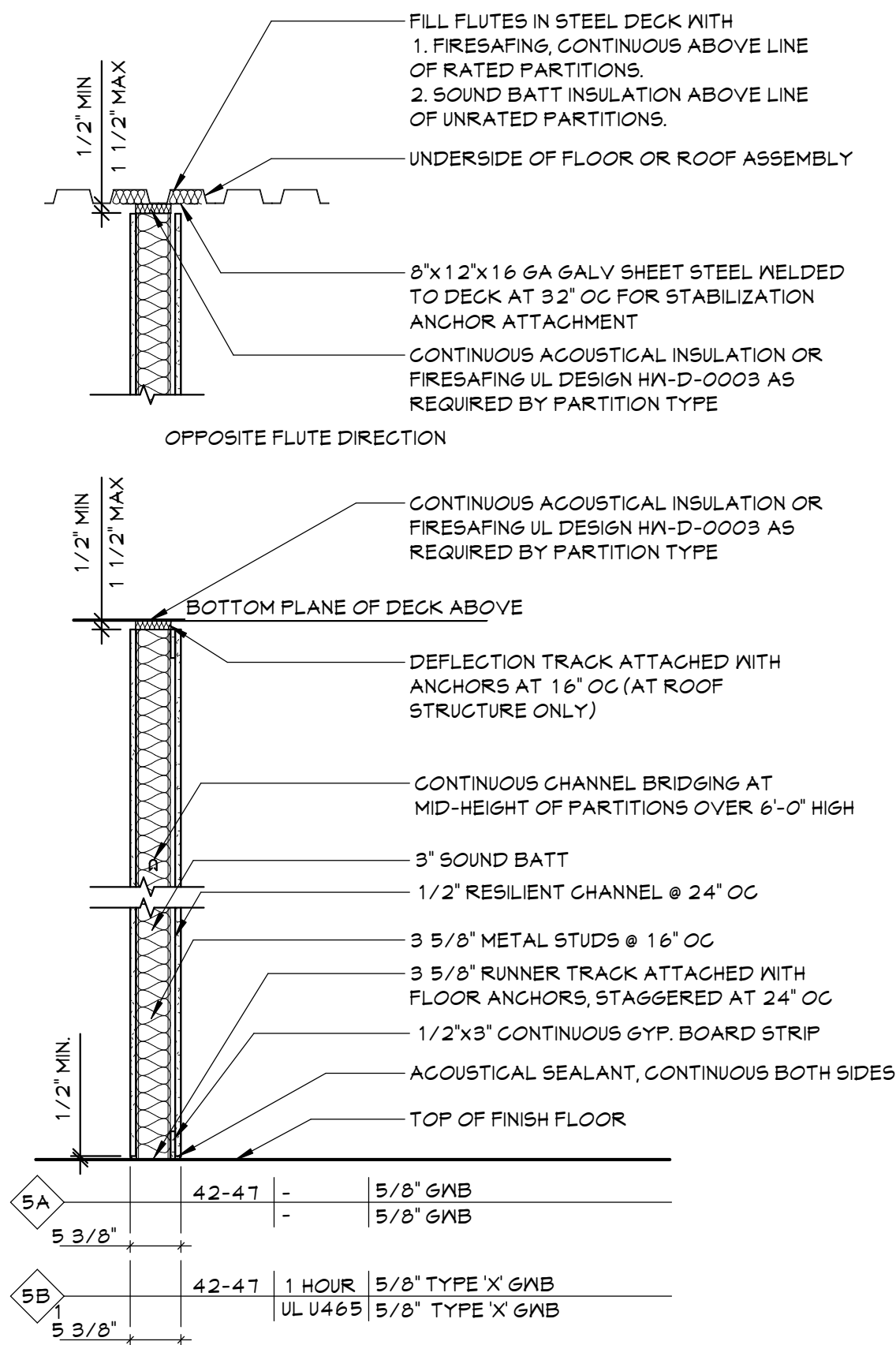
2 Partition Type - S2

G001 1 1/2" = 1'-0"



5 PARTITION TYPE 'S'

A701 3/4" = 1'-0"

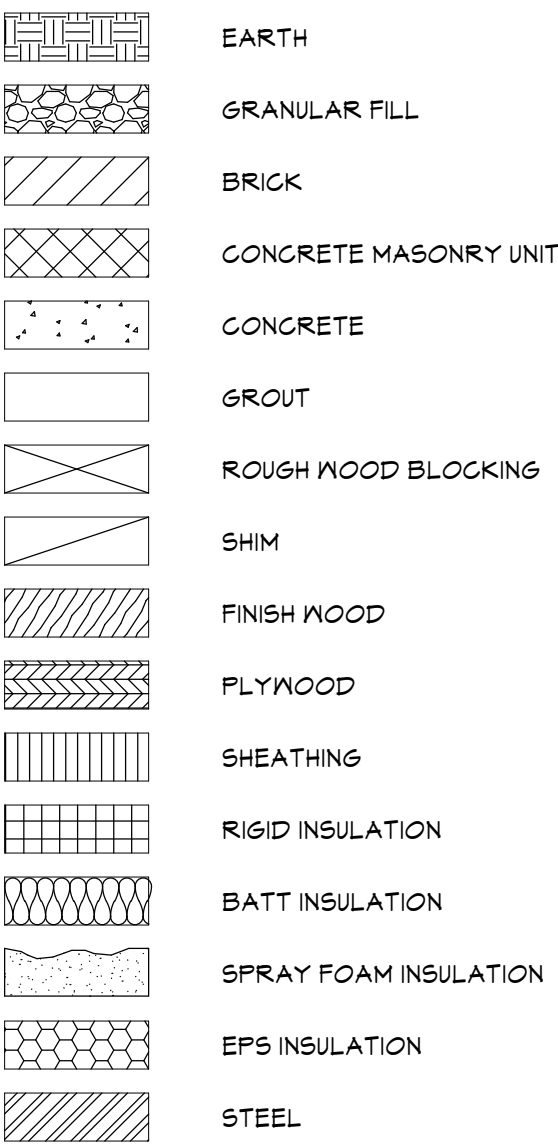


ABBREVIATIONS

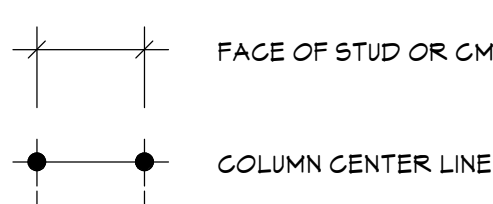
ABBREVIATION	DESCRIPTION
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B/	BOTTOM OF
BSMT	BASEMENT
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
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-RETARDANT-TREATED MATERIAL
FTS	FOOTING
G	GROUND
GA	GAUGE
GAL	GALLON(S)
GALV	GALVANIZED(D)
GC	GENERAL CONTRACTOR
GAB	GYPSUM WALL BOARD
GABS	GYPSUM WALL BOARD SOFFIT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOOR
HT	HEIGHT
HTS	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
MD	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NC	NOT IN CONTRACT
NGM	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
PLYND	PLYWOOD
PNL	PANEL
PNT	PAINT
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PREPARED
PREP	PREPARATORY
PTN	PARTITION
PVG	POLYVINYL CHLORIDE
RAD	RADIUS
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SM	SIMILAR
SPEC	SPECIFICATION
SS	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAG	SUSPENDED ACOUSTICAL CEILING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPORARY
TMFD	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL

ARCHITECTURAL LEGEND

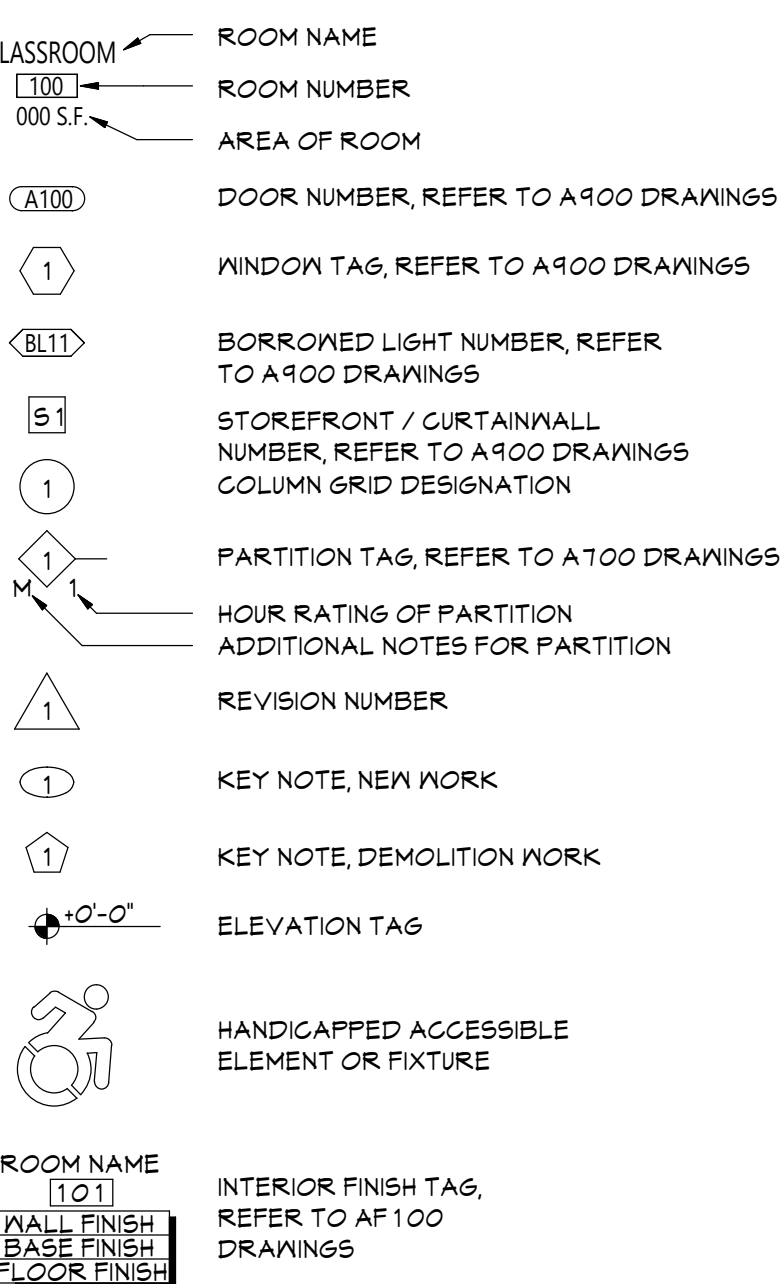
MATERIAL INDICATIONS



DIMENSIONING CONVENTIONS

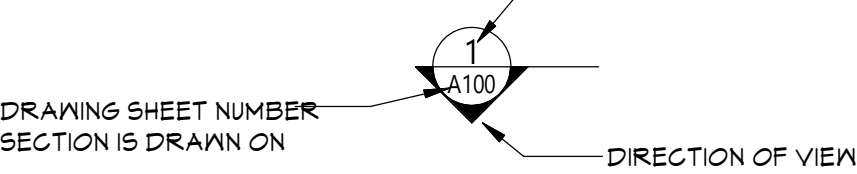


SYMBOLS

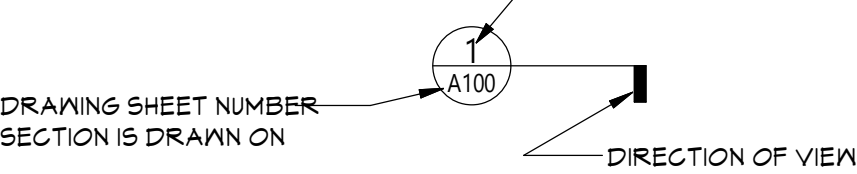


DETAIL INDICATOR LEGEND

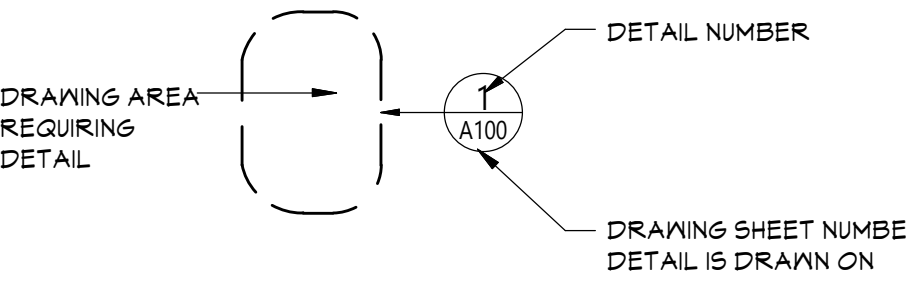
SECTION INDICATOR



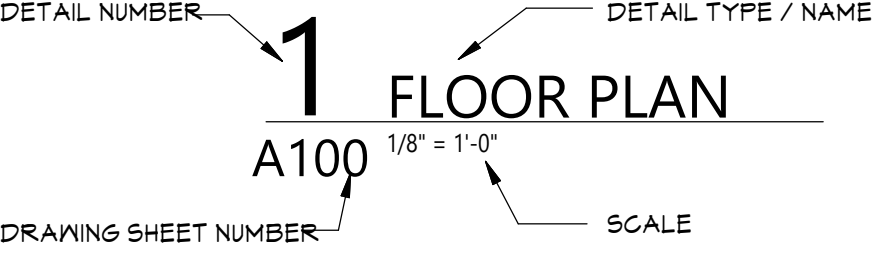
DETAIL INDICATOR (SECTION)



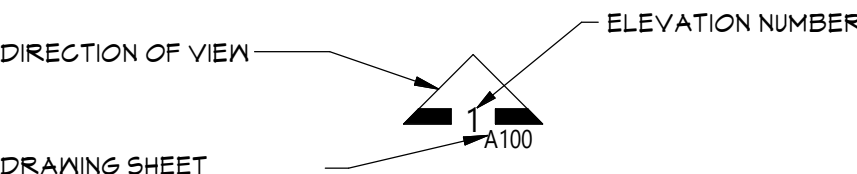
ENLARGED DETAIL INDICATOR



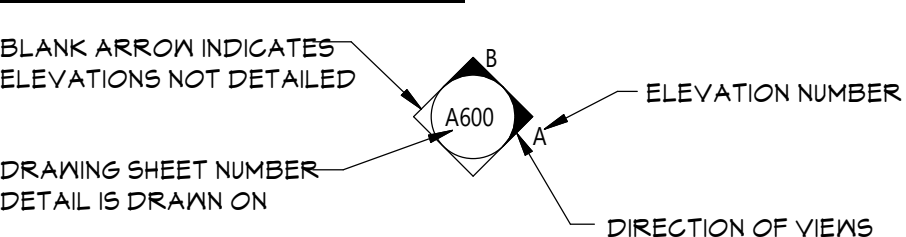
DETAIL TITLE



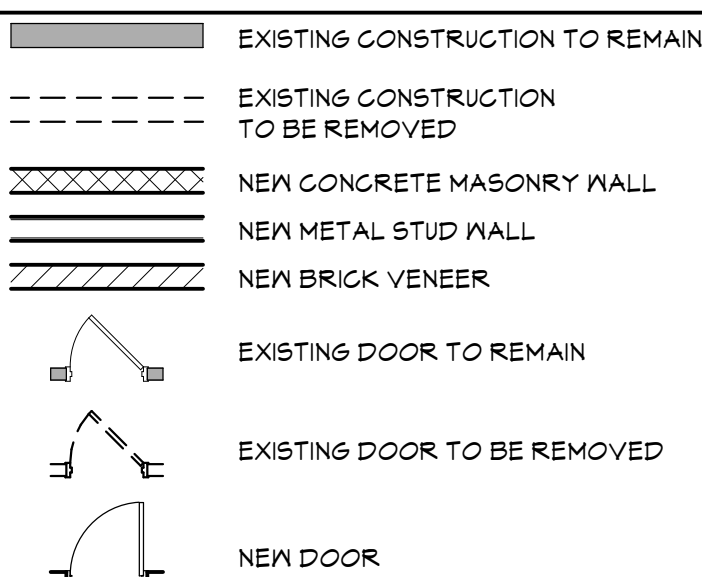
EXTERIOR ELEVATION INDICATOR



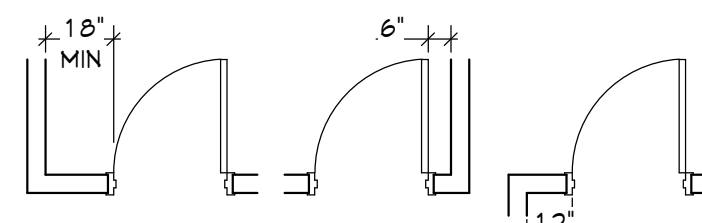
INTERIOR ELEVATION INDICATOR



PLAN GRAPHICS LEGEND



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



GENERAL NOTES

- DIMENSIONS ARE GIVEN THIS (UNLESS NOTED OTHERWISE)
 - TO FACE OF MASONRY WALL
 - TO FACE OF METAL STUD
 - TO COLUMN CENTERLINES
 - TO FINISH FACE OF SOFFIT OR CEILING
 - FACE OF EXISTING CONSTRUCTION
- 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
- WALLS ON COLUMN LINES ARE CENTERED, UNO
- 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.
- 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.
- ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION
- ALL WOOD BLOCKING WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED
- ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND / OR FIRE STOPPED, COORDINATE WITH MDSS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
- FOR INTERIOR PARTITION TYPES, REFER TO DRAWING G001
- FOR DOOR SCHEDULE, REFER TO DRAWING A000
- FOR FINISH SCHEDULE, REFER TO DRAWING A001
- ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
- PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL WALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS AND SPECIFICATIONS.
- ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE

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

Project Title



DATE	DESCRIPTION

Drawn By:	M2
Checked By:	M2
Proj. #:	66-11-00-81-0-003-018
CSArch Proj. #:	188-2301-02
Issued for Bid:	03/14/2025

Sheet Title

SYMBOLS,
ABBREVIATIONS,
AND MISC

Sheet No.

IEYMS
G001

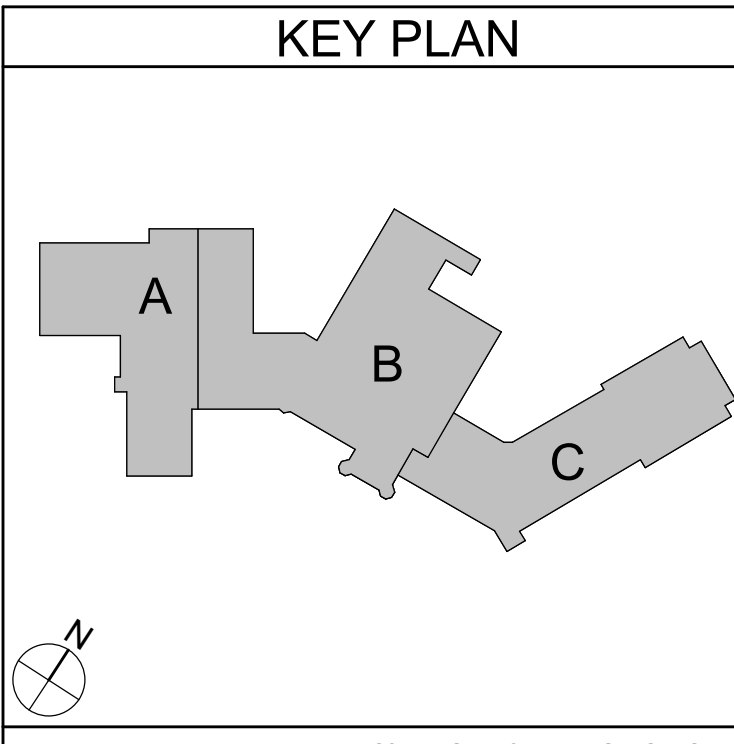
CONSTRUCTION DOCUMENTS

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



GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A800 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.

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CSArch Proj. #: 188-2301.02
Issued for Bid: 03/14/2025

Sheet No.

OVERALL
GROUND
FLOOR PLAN

Sheet No.

IEYMS
G100

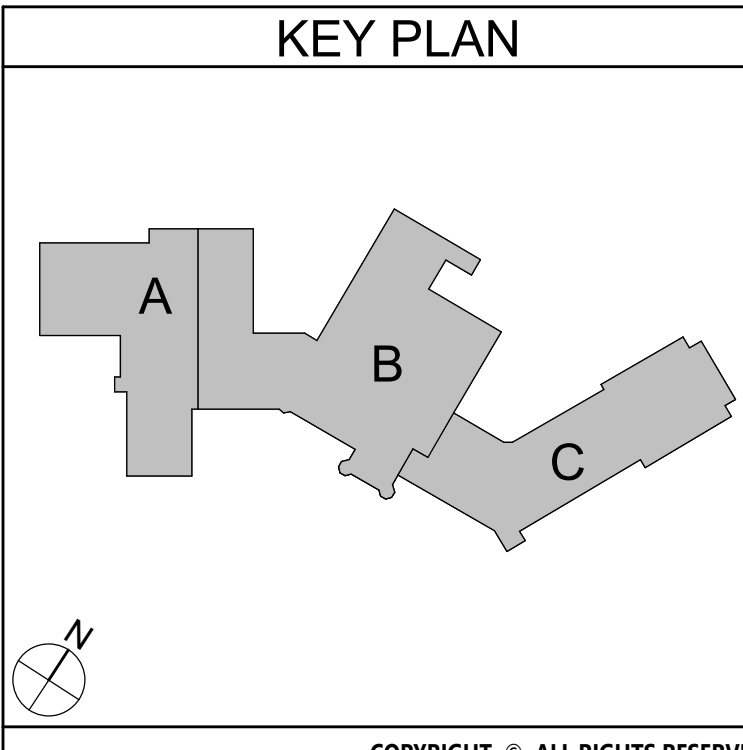
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1 OVERALL FIRST FLOOR PLAN
G110 1/16" = 1'-0"



GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A800 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.

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CSArch Proj. #: 188-2301.02
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Sheet Title

OVERALL FIRST FLOOR PLAN

Sheet No.

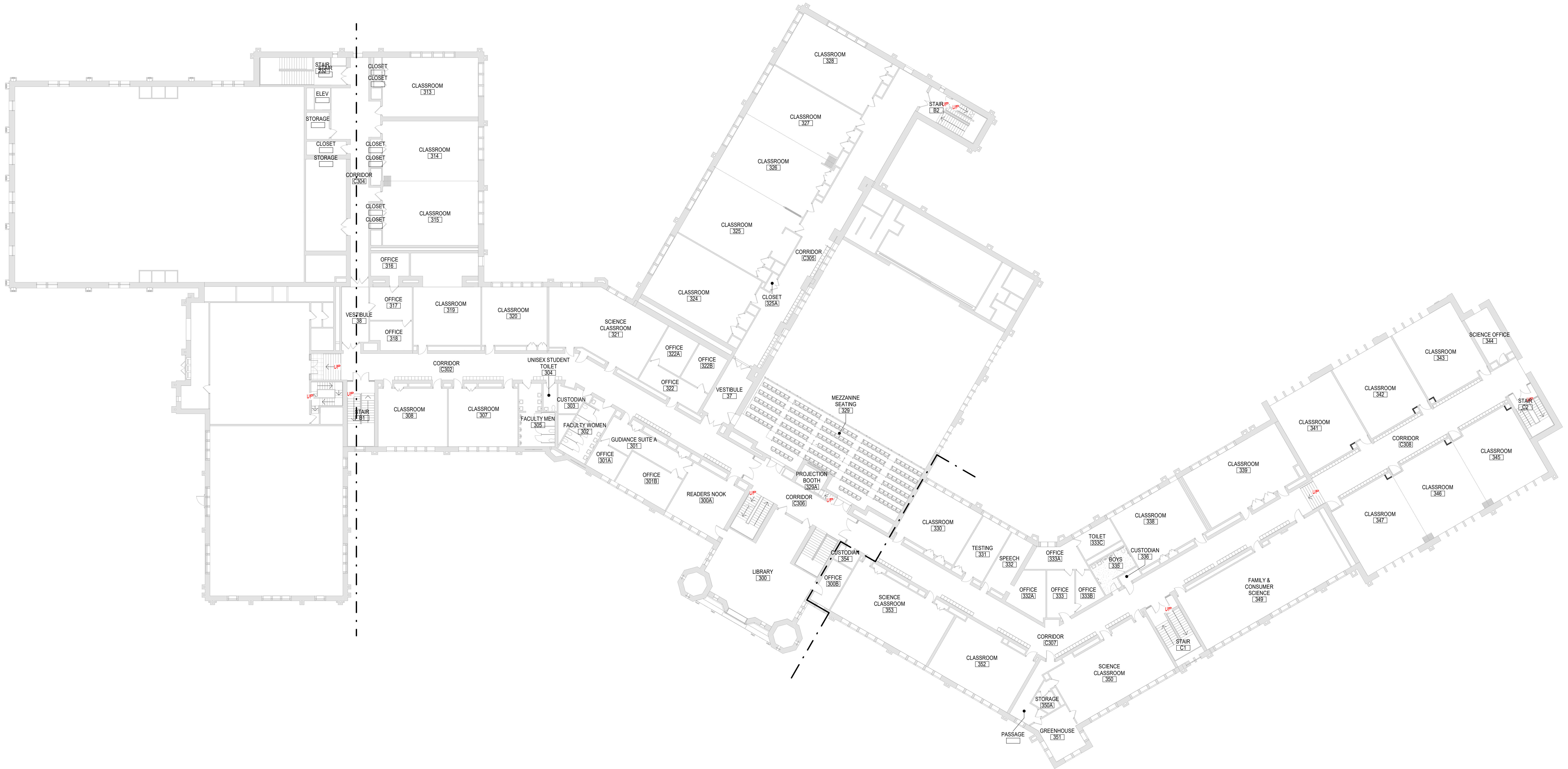
IEYMS
G110

CONSTRUCTION DOCUMENTS

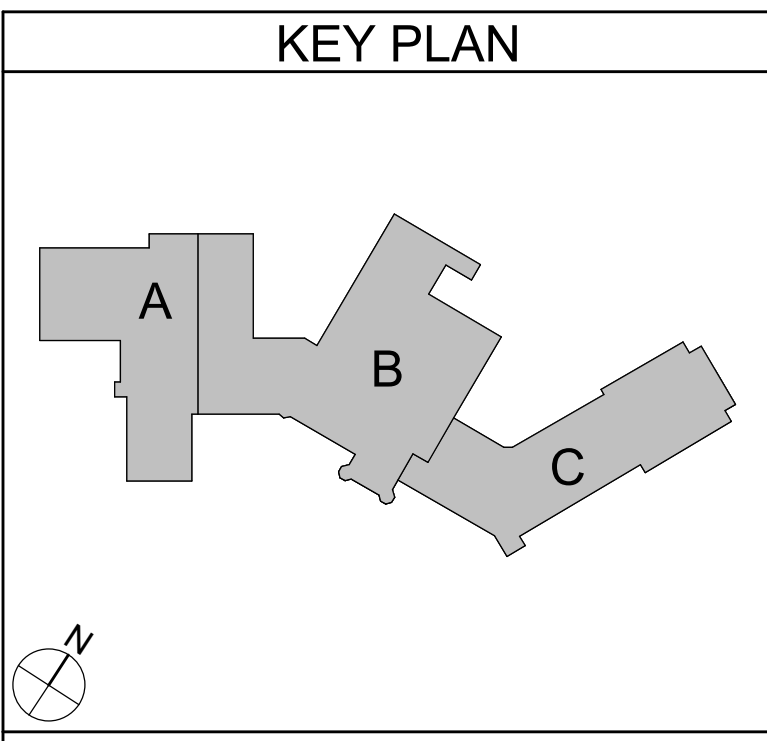
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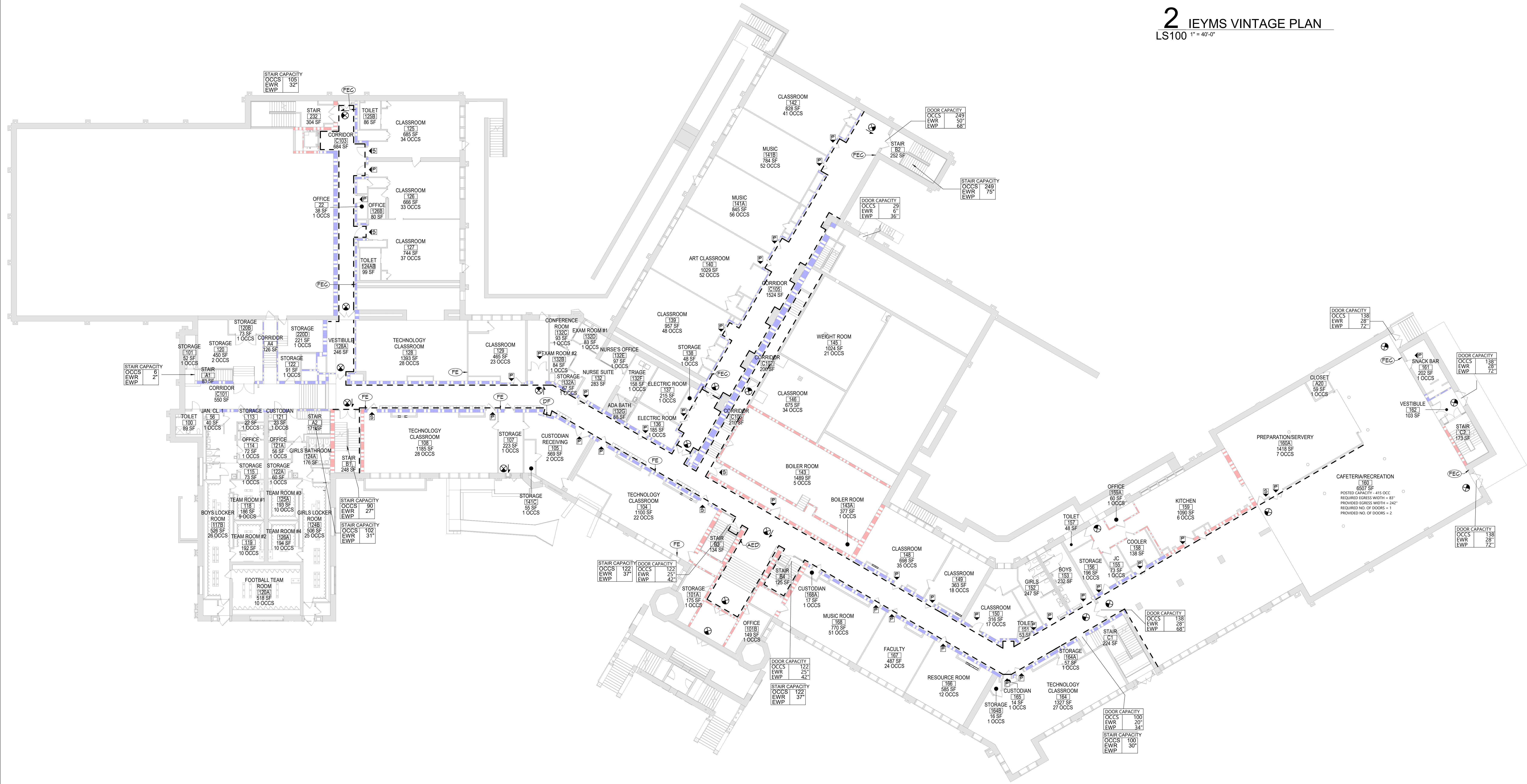
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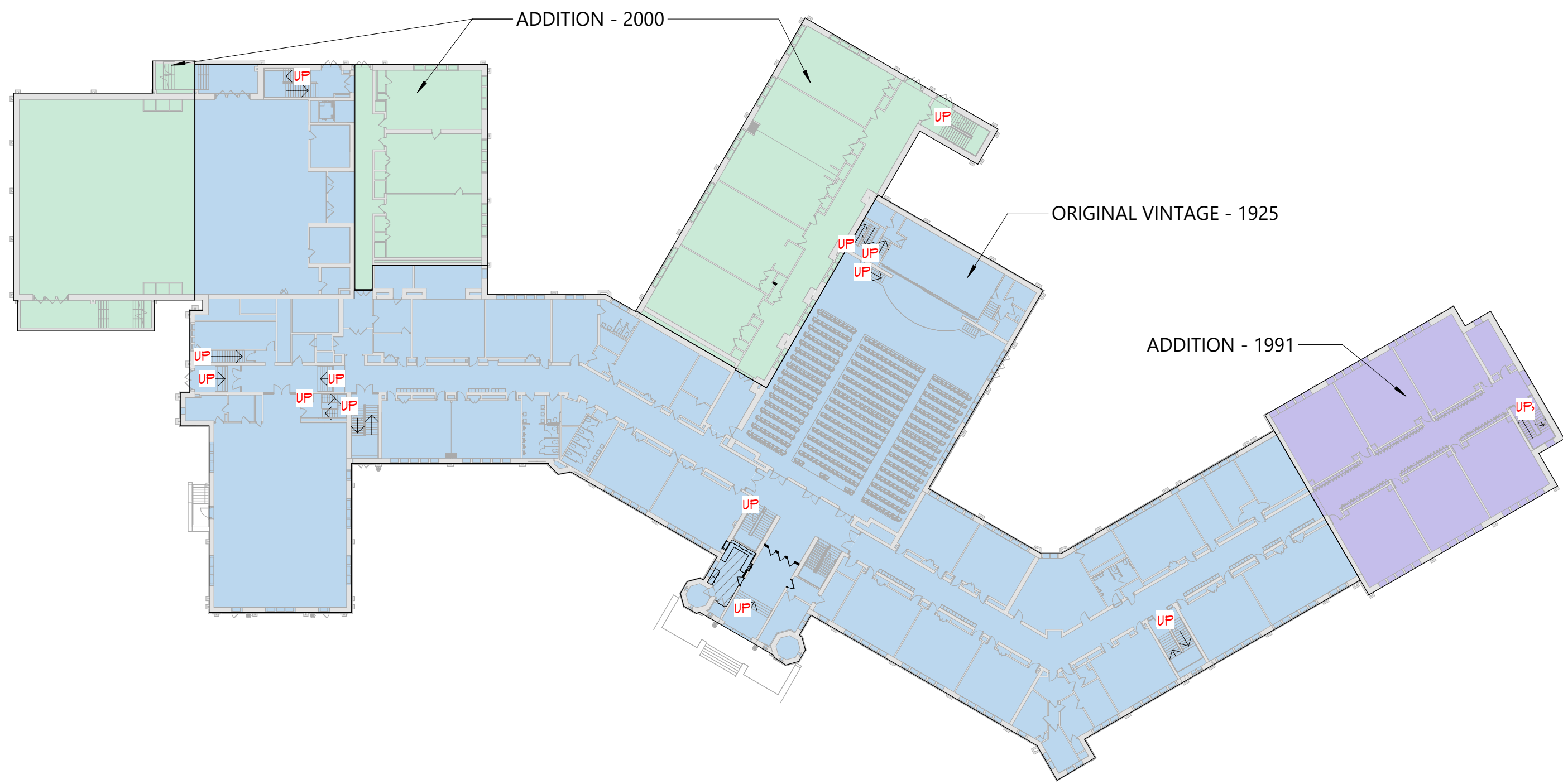
1 OVERALL SECOND FLOOR PLAN



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



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

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

Project Title



DATE	DESCRIPTION

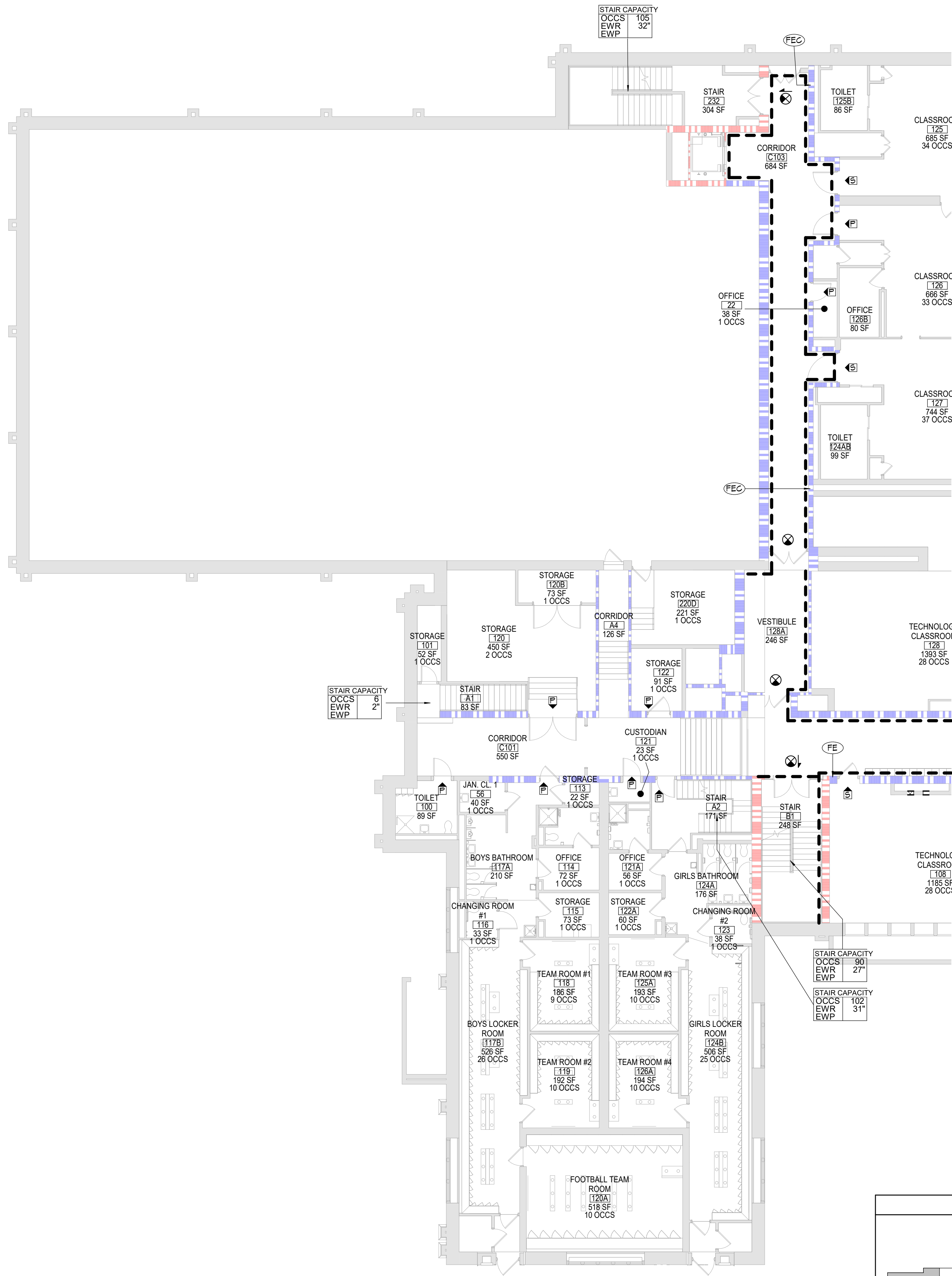
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Proj. #: 66-11-00-81-0-003-018
CSArch Proj. #: 188-2301-02
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Sheet Title
OVERALL
GROUND
FLOOR LIFE
SAFETY PLAN

Sheet No.
IEYMS
LS100

CONSTRUCTION DOCUMENTS

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

LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- 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.

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMINGATING 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: IIB
GROUND FLOOR AREA: 45,042 SF
GROSS FIRST FLOOR AREA: 45,042 SF
ADDITION CONSTRUCTION: 1991
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 6,909 SF
GROSS FIRST FLOOR AREA: 6,909 SF
ADDITION CONSTRUCTION: 2000
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 1,311 SF
GROSS FIRST FLOOR AREA: 1,311 SF
CLASSIFICATION OF

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

OCCUPANT LOAD

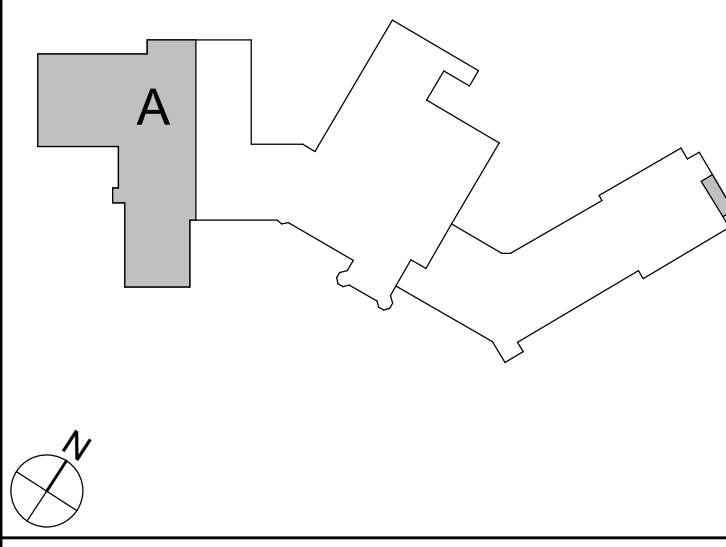
ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED SECT.	
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUSINESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RIGID.	
DEAD.	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN.	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xxx
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 (NYS 513JR OR 513D 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)
$I_t = [F/P - 0.25]W/30$ $I_t = [100/XX - 0.25]XX/30$ $I_t = [0.0X] 1.00$ $I_t = XX\%$	
$A_u = A_t + (NS \times I_t)$ $A_u = XXX + (XXX \times 0.0X)$ $A_u = XXX + (XXX)$ $A_u = XXX \text{ sq ft}$	

KEY PLAN



DATE	DESCRIPTION

Drawn By:	RC
Checked By:	MC
Proj. #:	66-11-00-81-0-03-018
CSArch Proj. #:	188-2301-02
Issued for Bid:	03/14/2025

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

Sheet No.
IEYMS
LS101

1

GROUND FLOOR PLAN - AREA B

LS102 3/32" = 1'-0"

	PRIMARY EXIT
	SECONDARY EXIT
	RESCUE WINDOW (SECONDARY EXIT)
	ACCESSIBLE EXIT
	RESCUE ASSISTANCE STATION/AREA OF REFUGE
	NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
	REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
	EXIT PATH OF TRAVEL (START - END)



ABBREVIATIONS

☐ **AED** AUTOMATED EXTERNAL DEFIBRILLATOR
☐ **DF** DRINKING FOUNTAIN
☐ **ESD** EMERGENCY EYEWASH STATION
☐ **FE** FIRE EXTINGUISHER, WALL MOUNT
☐ **ECG** 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

QDE NARRATIVE:	
ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IIB
GROUND FLOOR AREA:	45,042 SF
ROSS	
RST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1941
CONSTRUCTION TYPE:	IIB
BASEMENT AREA:	6,904 SF
ROSS	
RST FLOOR AREA:	6,904 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IIB
BASEMENT AREA:	11,371 SF
ROSS	
RST FLOOR AREA:	11,371 SF
CLASSIFICATION OF	

-  LEVEL 1 ALTERATION
xxx 5F
-  LEVEL 2 ALTERATION
xxx 5F

OCCUPANT LOAD

CESSORY STORAGE AREA, MECH.	300
SEMBLY N/ FIXED	SECT.
SEMBLY N/OUT FIXED	
CONCENTRAT	7
NGCONCENTRAT	15
BUSINESS	150
CLASSROOM	20
OCATIONAL ROOM	50
LOCKER	50
NERCISE	50
KITCHENS,	200
READING	50
AGES AND	15

STRUCTURAL LOAD

RISK	
LEAD	
CONCRETE	XXX
VE	
LA	XXX
AIN	
5-MINUTE RAINFALL	XXX
10-MINUTE RAINFALL	XXX
NOX	
GROUND SNOW	XX
LAT ROOF SNOW	XXX.X
LOPED ROOF SNOW	XX
IND	
ULTIMATE WIND	XXX
XPPOSURE	X
SEISMIC DESIGN	
TE	X
SEISMIC DESIGN	X

	FIRE AREA MODIFICATIONS (NYS SECTION 506)
a	ALLOWABLE AREA PER FLOOR (SQUARE FEET)
t	TABULAR ALLOWABLE AREA FACTOR (INS.E5,5131R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
f	AREA FACTOR INCREASE DUE TO FRONTPAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
NS	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
a	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED 12
W	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE EFFECTUALLY WIDTH OF PUBLIC WAY OR OPEN SPACE

n	LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL	
\sqrt{n}	WIDTH (≥ 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL	
c	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE	
D	PERIMETER OF ENTIRE BUILDING (FEET)	
	$F = [F/P - 0.25]W/30$	$A_u = A_e + (NS \times f)$
	$= [100/XX - 0.25] XX/30$	$A_b = XXX + (XXX \times 0.XXX)$
	$= [0.9X] 1.00$	$A_h = XXX + (XXX)$
	$= XXX\%$	$A_s = XXX \text{ sq ft}$

Year	Percentage of Respondents (%)
1990	65
1992	75
1994	70
1996	75
1998	85
2000	90
2002	100
2004	100

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

Project Title



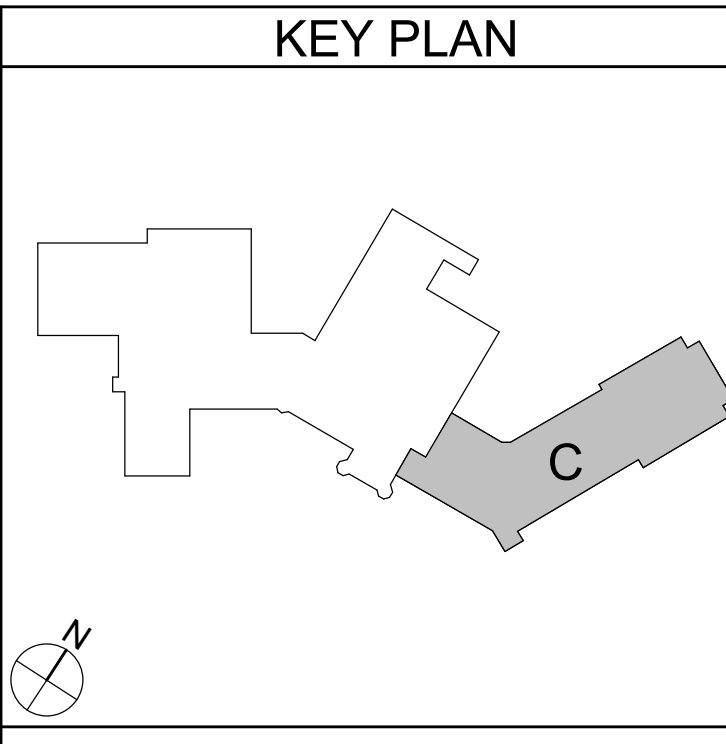
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Proj. #:	66-11-00-01-O-003-018
SARCh Proj. #:	188-2301.02
Issued for Bid:	03/14/2025

Sheet Title

AREA 'B' -
PARTIAL
GROUND
FLOOR LIFE
SAFETY PLAN

heet No. IEYMS
LS102

CONSTRUCTION DOCUMENTS



1 GROUND FLOOR PLAN - AREA C

LIFE SAFETY PLAN LEGEND

PRIMARY EXIT
 SECONDARY EXIT
 RESCUE WINDOW (SECONDARY EXIT)
 ACCESSIBLE EXIT
 RESCUE ASSISTANCE STATION/AREA OF REFUGE

OCCS NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)

REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)

REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)

EXIT PATH OF TRAVEL (START - END)

EXIT SIGN WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHAPING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

EXIT SIGN CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHAPING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.

ABBREVIATIONS

AED AUTOMATED EXTERNAL DEFIBRILLATOR

DF DRINKING FOUNTAIN

ESP EMERGENCY EYEWASH STATION

FE FIRE EXTINGUISHER, WALL MOUNT

FG 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: 1425

CONSTRUCTION TYPE: IIB

GROSS FLOOR AREA: 45,042 SF

FIRST FLOOR AREA: 45,042 SF

ADDITION CONSTRUCTION: 2000

CONSTRUCTION TYPE: IIB

BASEMENT AREA: 6,904 SF

GROSS FIRST FLOOR AREA: 6,904 SF

ADDITION CONSTRUCTION: 2000

CONSTRUCTION TYPE: IIB

BASEMENT AREA: 17,311 SF

GROSS FIRST FLOOR AREA: 17,311 SF

CLASSIFICATION OF

LEVEL 1 ALTERATION
xxx SF

LEVEL 2 ALTERATION
xxx SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY IN/ FIXED	SECT.
ASSEMBLY IN/ OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUSINESS	150
CLASSROOM	30
VOCATIONAL ROOM	30
LOCKER	30
EXERCISE	30
KITCHENS,	200
READING	30
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	xxx
SLOPED ROOF SNOW	xx
WIND	
ULTIMATE WIND	xxx
EXPOSURE	x
SEISMIC DESIGN	
SITE	x
SEISMIC DESIGN	x

FIRE AREA MODIFICATIONS (NYS SECTION 506)

A₃ ALLOWABLE AREA PER FLOOR (SQUARE FEET)

A₁ TABULAR ALLOWABLE AREA FACTOR (N5 \$1.513R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)

I_f AREA FACTOR INCREASE DUE TO FRONT AREA AS CALCULATED IN ACCORDANCE WITH TABLE 506.3 (PERCENT)

N_s 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 = I_f / P - 0.25W₃₀

I_f = (100/X₃₀ - 0.25) X₃₀ / 30

I_f = (0.XX) 1.00

I_f = XX%

A₁ = A₃ / (N_s x I_f)

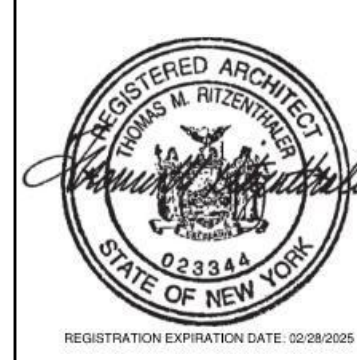
A₁ = XXX + (XXX x 0.XXX)

A₁ = XXX + (XXX)

A₁ = XXX sq ft

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

Project Title



	DATE	DESCRIPTION

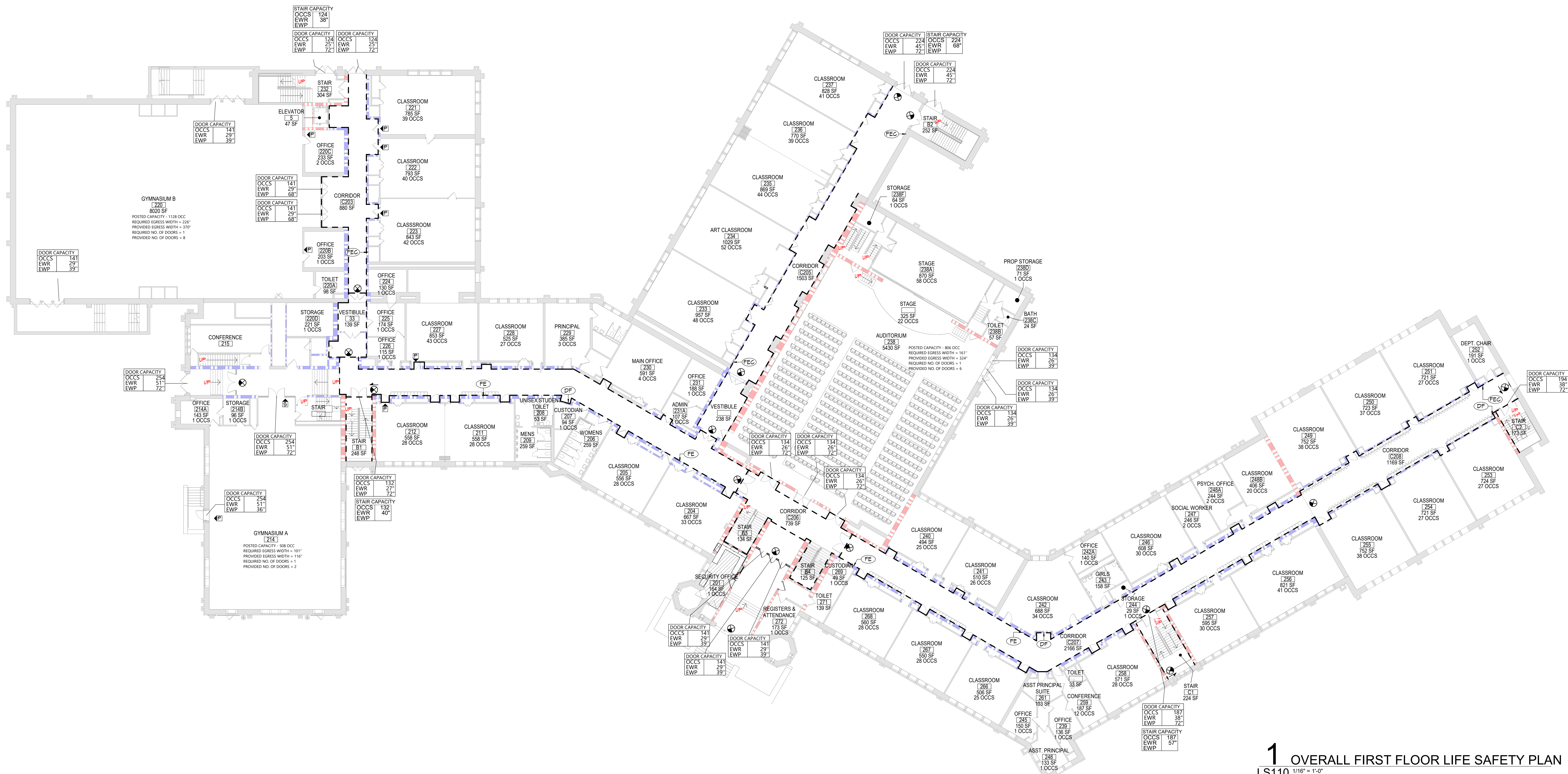
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Proj. #:	66-11-00-01-0-003
CSArch Proj. #:	188-230
Issued for Bid:	03/14/20

Sheet Title

OVERALL FIRST FLOOR LIFE SAFETY PLAN

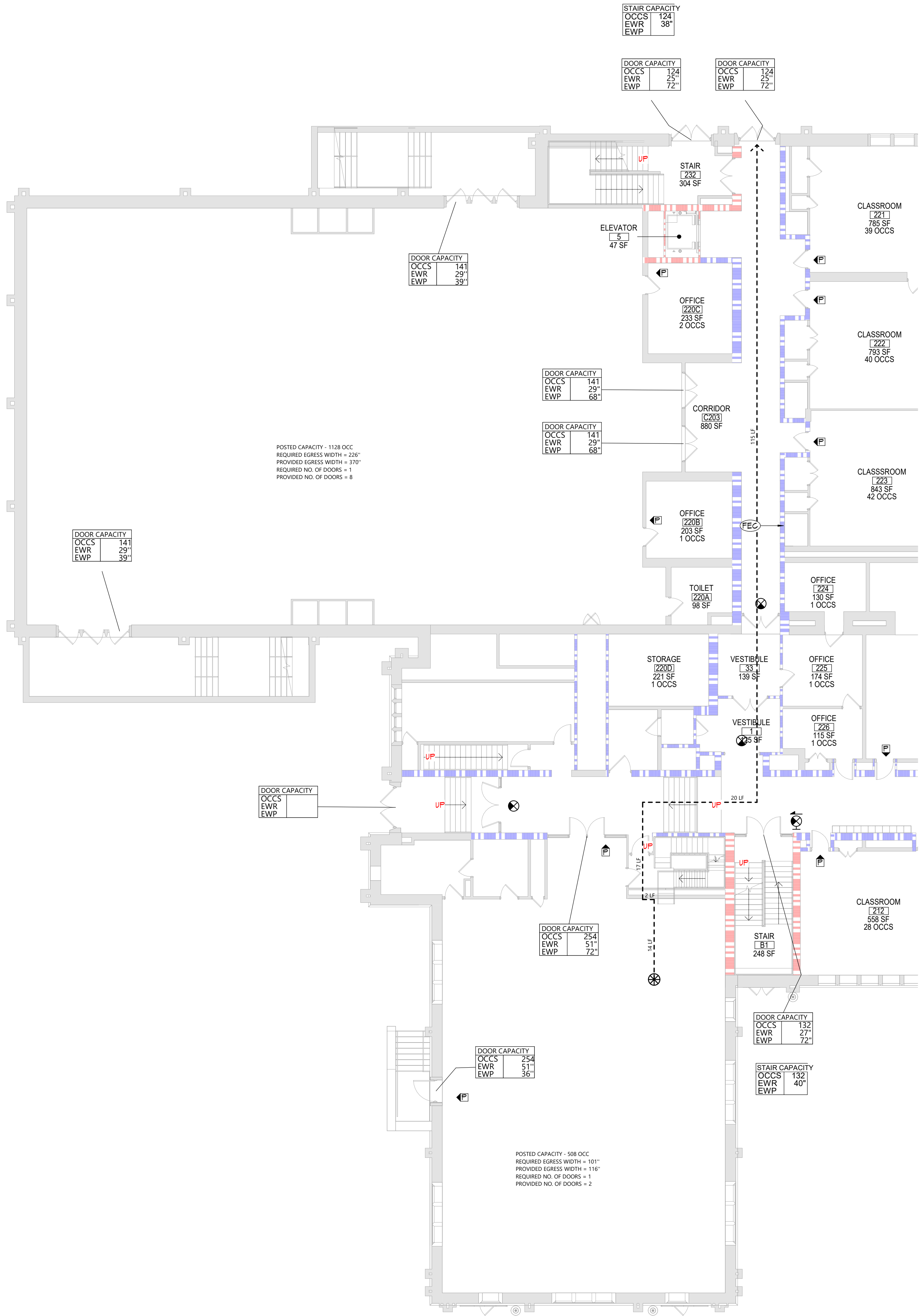
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LS110

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1 OVERALL FIRST FLOOR LIFE SAFETY PLAN

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

LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- # OF OCCS NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- 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
 - EEB EMERGENCY EYE/FAASH STATION
 - FED FIRE EXTINGUISHER, WALL MOUNT
 - FEC FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMINGATING 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: IIB
GROUND FLOOR AREA: 45,042 SF
GROSS FIRST FLOOR AREA: 45,042 SF
ADDITION CONSTRUCTION: 1991
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 6,909 SF
GROSS FIRST FLOOR AREA: 6,909 SF
ADDITION CONSTRUCTION: 2000
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 17,311 SF
GROSS FIRST FLOOR AREA: 17,311 SF
CLASSIFICATION OF

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

OCCUPANT LOAD

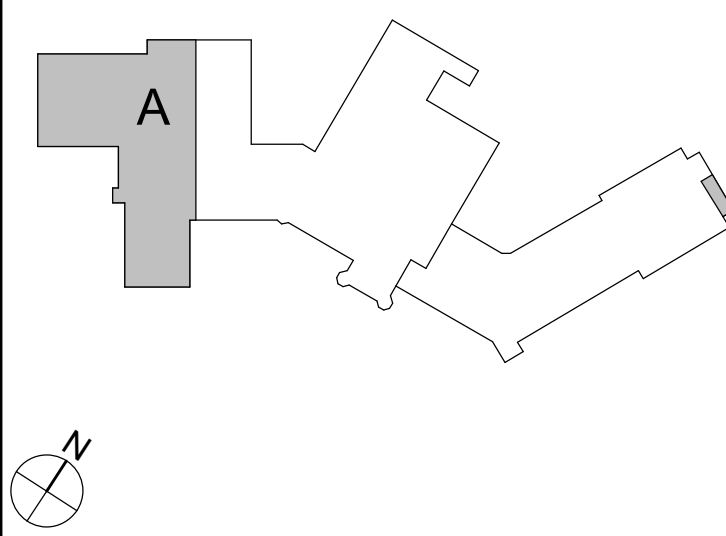
ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED SECT.	
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUSINESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RIGID.	
DEAD.	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN.	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xxx
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 (NYS SECTION 506.2 (SQUARE FEET) 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 ₁ = [F/P - 0.25]W/30 I ₂ = [100/XX - 0.25] XX/30 I ₃ = [0.0X] 1.00 I ₄ = XX%	
A ₁ = A _a + (NS x I ₁) A ₂ = XXX + (XXX x 0.0X) A ₃ = XXX + (XXX) A ₄ = XXX sq ft	

KEY PLAN



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

Project Title



DATE	DESCRIPTION

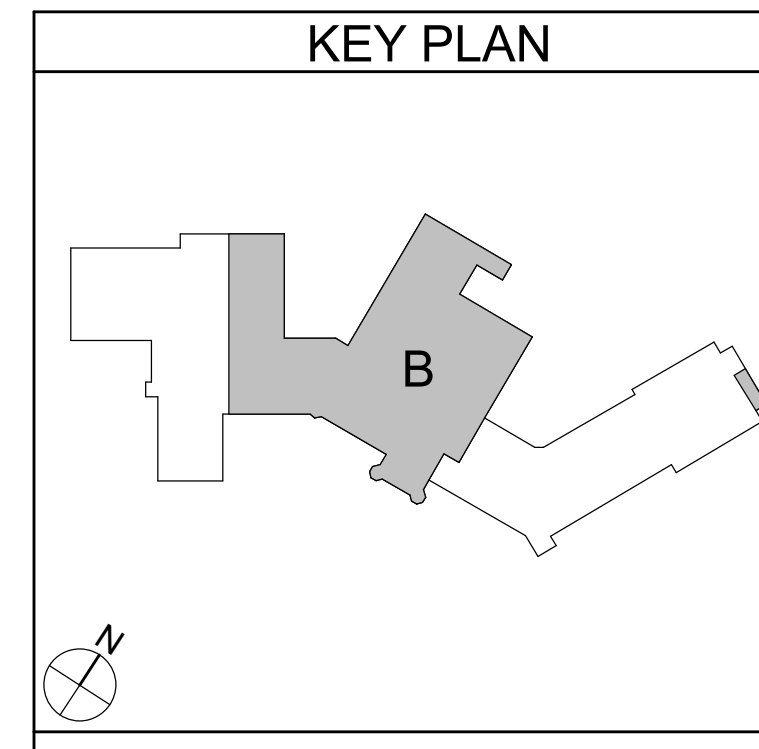
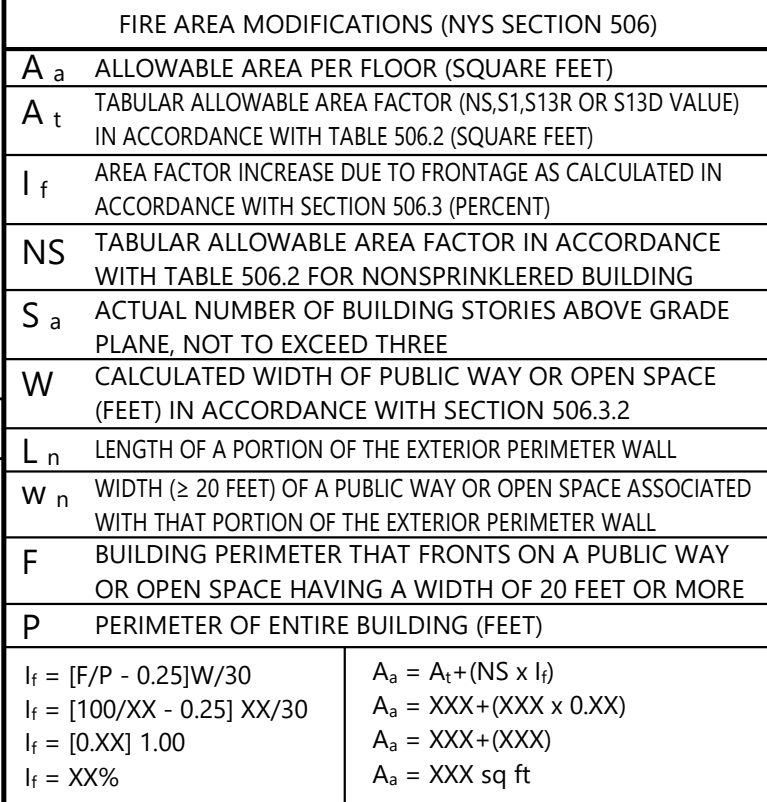
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Checked By: MZ
Proj. #: 66-11-00-81-0-003-018
CSArch Proj. #: 188-2301-02
Issued for Bid: 03/14/2025

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

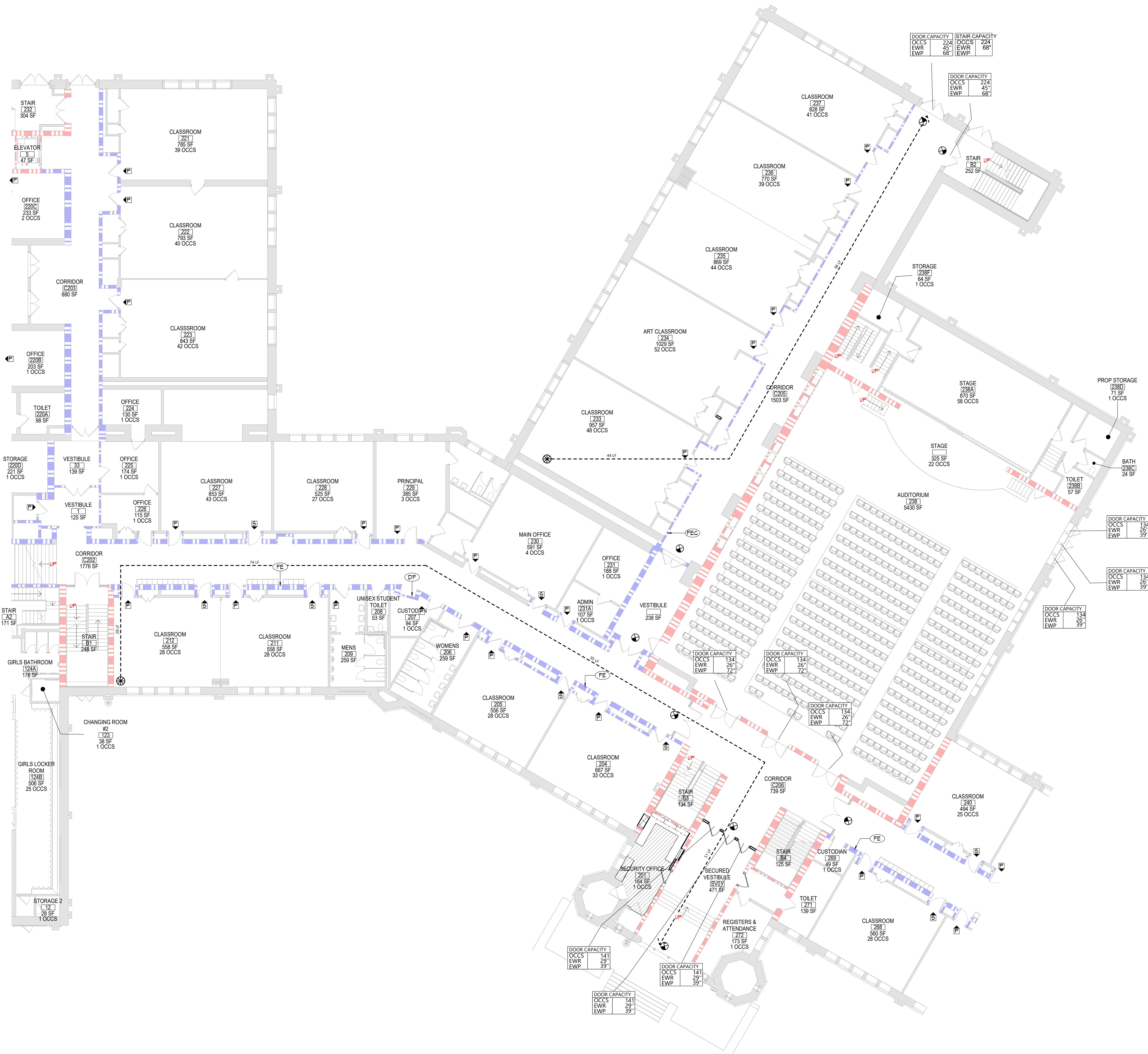
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IEYMS
LS111

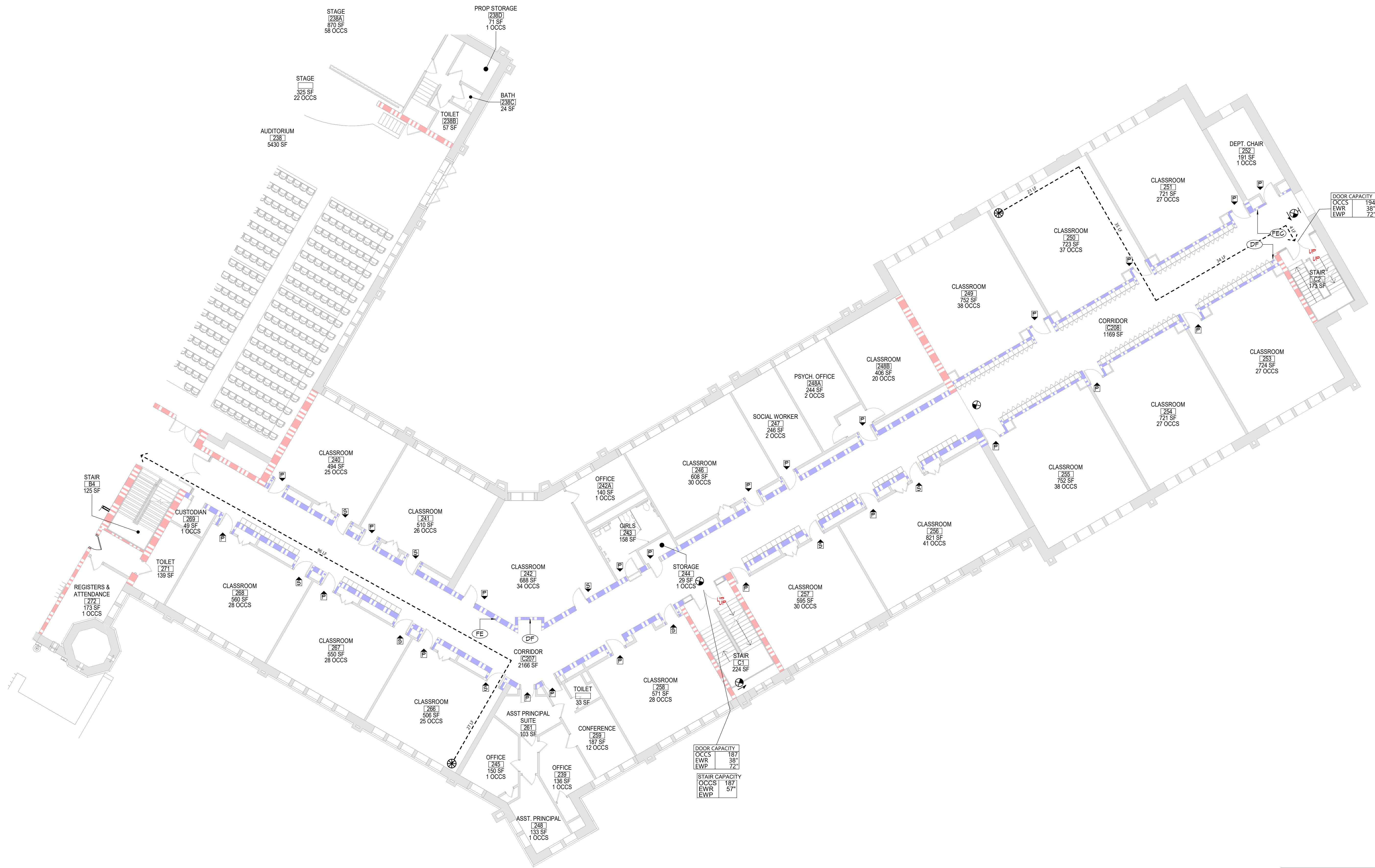
CONSTRUCTION DOCUMENTS

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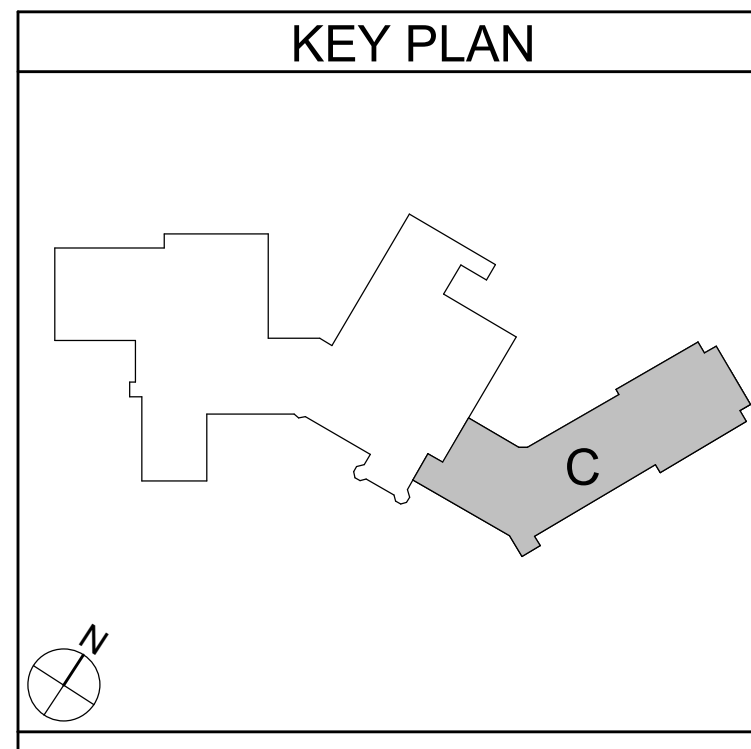


1 FIRST FLOOR PLAN - AREA B
LS112 3/32" = 1'-0"





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



LIFE SAFETY PLAN LEGEND	
	PRIMARY EXIT
	SECONDARY EXIT
	RESCUE WINDOW (SECONDARY EXIT)
	ACCESSIBLE EXIT
	RESCUE ASSISTANCE STATION/AREA OF REFUGE
	# OCCS NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
	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
	EEB EMERGENCY EYEWASH STATION
	FE FIRE EXTINGUISHER, WALL MOUNT
	FEQ 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:	IIB
GROUND FLOOR AREA:	45,042 SF
GROSS FIRST FLOOR AREA:	45,042 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IIB
BASEMENT AREA:	6,909 SF
GROSS FIRST FLOOR AREA:	6,909 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IIB
BASEMENT AREA:	11,311 SF
GROSS FIRST FLOOR AREA:	11,311 SF
CLASSIFICATION OF	
	LEVEL 1 ALTERATION xxx sf
	LEVEL 2 ALTERATION xxx sf

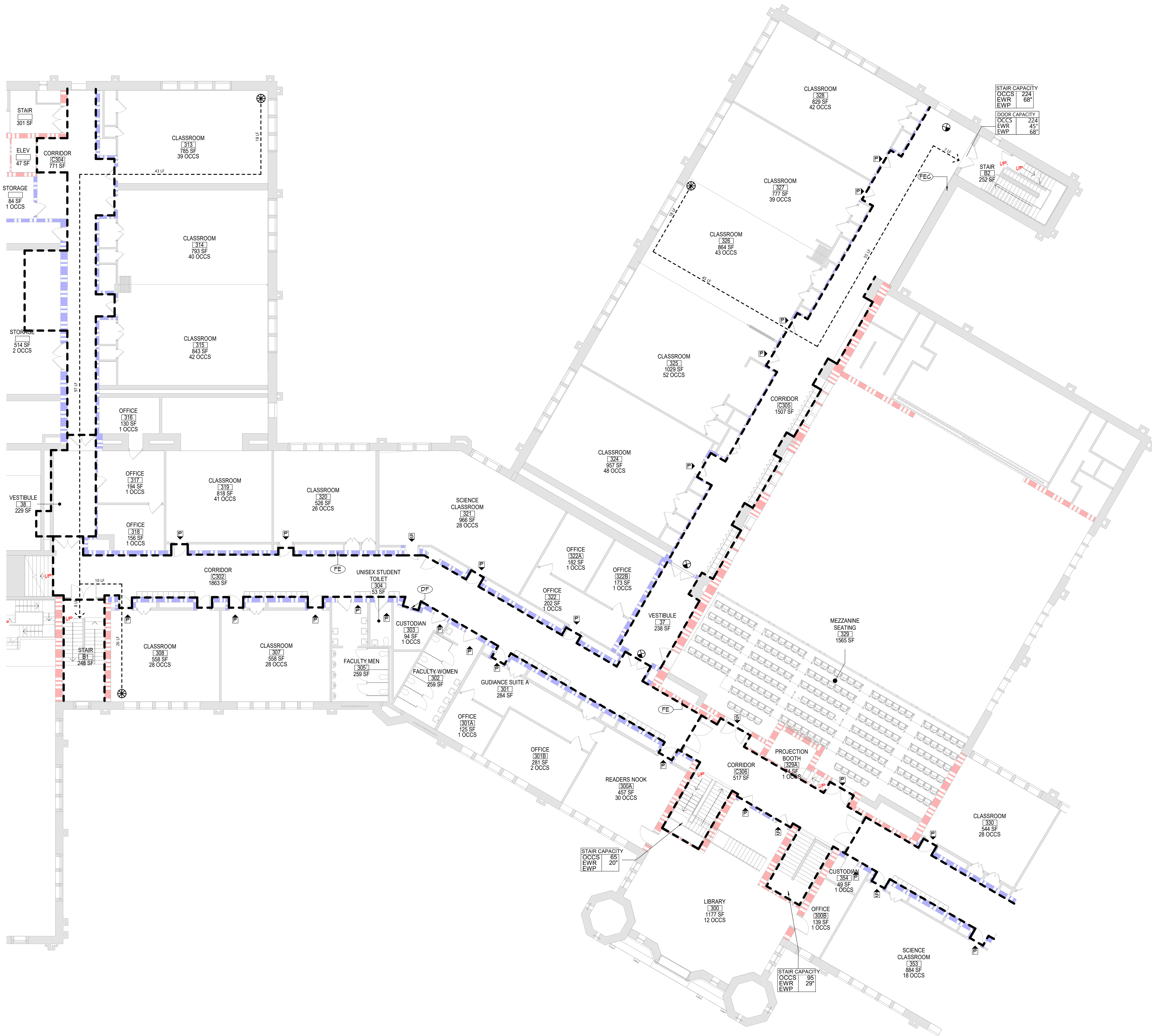
OCCUPANT LOAD	
ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED SECT.	
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUSINESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS	200
READING	50
STAGES AND	15

STRUCTURAL LOAD	
RIGID	II
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xxx
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 (NYS 513JR OR 513D 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 ₁ = [F/P - 0.25]W/30 I ₁ = [100/XX - 0.25] XX/30 I ₁ = [0.0X] 1.00 I ₁ = XX%	
A _u = A _a + (NS x I ₁) A _u = XXX + (XXX x 0.0X) A _u = XXX + (XXX) A _u = XXX sq ft	



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

LIFE SAFETY PLAN LEGEND

- PRIMARY EXIT
- SECONDARY EXIT
- RESCUE WINDOW (SECONDARY EXIT)
- ACCESSIBLE EXIT
- RESCUE ASSISTANCE STATION/AREA OF REFUGE
- 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
 - EEB EMERGENCY EYE/FAASH 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: IIB
GROUND FLOOR AREA: 45,042 SF
GROSS FIRST FLOOR AREA: 45,042 SF
ADDITION CONSTRUCTION: 1991
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 6,909 SF
GROSS FIRST FLOOR AREA: 6,909 SF
ADDITION CONSTRUCTION: 2000
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 17,311 SF
GROSS FIRST FLOOR AREA: 17,311 SF
CLASSIFICATION OF:
LEVEL 1 ALTERATION
xxx SF
LEVEL 2 ALTERATION
xxx SF

OCCUPANT LOAD

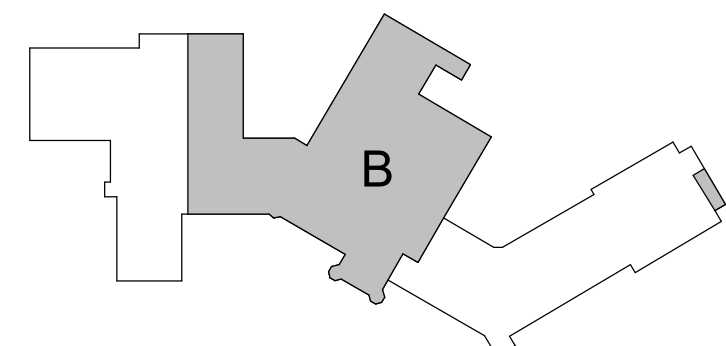
ACCESSORY STORAGE AREA, MECH.	900
ASSEMBLY W/ FIXED SECT.	
ASSEMBLY W/OUT FIXED	
CONCENTRAT	7
UNCONCENTRAT	15
BUSINESS	150
CLASSROOM	20
VOCATIONAL ROOM	50
LOCKER	50
EXERCISE	50
KITCHENS	200
READING	50
STAGES AND	15

STRUCTURAL LOAD

RISK	
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xxx
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 (NYS 513JR OR 513D 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)	
$I_f = [F/P - 0.25]W/30$ $I_f = [100/XX - 0.25]XX/30$ $I_f = [0.0X] 1.00$ $I_f = XX\%$	$A_a = A_n + (NS \times I_f)$ $A_t = XXX + (XXX \times 0.0X)$ $A_n = XXX + (XXX)$ $A_n = XXX \text{ sq ft}$

KEY PLAN

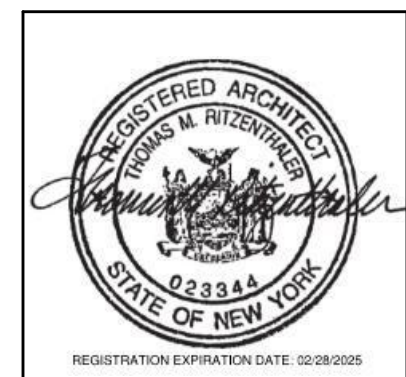


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CITY SCHOOL DISTRICT OF NEW ROCHELLE ISAAC E YOUNG MIDDLE SCHOOL 2023 CAPITAL PROJECTS - PHASE 2A

Project Title



DATE	DESCRIPTION

Drawn By: RC
Checked By: MZ
Proj. #: 66-11-00-81-0-003-018
CSArch Proj. #: 188-2301-02
Issued for Bid: 03/14/2025

AREA 'B' - PARTIAL SECOND FLOOR LIFE SAFETY PLAN

Sheet No.
IEYMS
LS122

CONSTRUCTION DOCUMENTS

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KEY PLAN

The key plan shows the site layout with a north arrow pointing towards the top-left. A large unshaded area represents the existing building, and a smaller shaded area labeled 'C' represents the proposed development. The shaded area is located to the right of the main building footprint.

	PRIMARY EXIT
	SECONDARY EXIT
	RESCUE WINDOW (SECONDARY EXIT)
	ACCESSIBLE EXIT
	RESCUE ASSISTANCE STATION/AREA OF REFUGE
## OCCS (#F OCCS)	NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
	REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
	REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
	EXIT PATH OF TRAVEL (START - END)
	EXIT SIGN, WALL MOUNTED, ILLUMINATED FACE INDICATED BY SHAPING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
	EXIT SIGN, CEILING MOUNTED, ILLUMINATED FACE INDICATED BY SHAPING, ARROW INDICATES DIRECTIONAL ARROW REQUIRED.
ABBREVIATIONS	
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
PDF	DRINKING FOUNTAIN
ED	EMERGENCY EYEWASH STATION
FE	FIRE EXTINGUISHER, WALL MOUNT
FED	FIRE EXTINGUISHER CABINET

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

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

<u>CODE NARRATIVE:</u>	
ORIGINAL CONSTRUCTION:	1925
CONSTRUCTION TYPE:	IIB
GROUND FLOOR AREA:	45,092 SF
GROSS	
FIRST FLOOR AREA:	45,092 SF
ADDITION CONSTRUCTION:	1991
CONSTRUCTION TYPE:	IIB
BASEMENT AREA:	6,909 SF
GROSS	
FIRST FLOOR AREA:	6,909 SF
ADDITION CONSTRUCTION:	2000
CONSTRUCTION TYPE:	IIB
BASEMENT AREA:	17,311 SF
GROSS	
FIRST FLOOR AREA:	17,311 SF
<u>CLASSIFICATION OF</u>	

LEVEL 1 ALTERATION
xxx SF

LEVEL 2 ALTERATION
xxx SF

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

RISK	II
DEAD	
CONCRETE	xxx
LIVE	
SLA	xxx
RAIN	
15-MINUTE RAINFALL	xxx
60-MINUTE RAINFALL	xxx
SNOW	
GROUND SNOW	xx
FLAT ROOF SNOW	xxx
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 (NYS, S1, S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)

I	AREA FACTOR INCREASE DUE TO FRONTALAGE 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

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)	
l_i	$l_i = [P/P - 0.25]W/30$	$A_{i1} = A_i \times (NS \times l_i)$
l₁	$l_1 = [100/XX - 0.25] XX/30$	$A_{i2} = XXX \times (XXX \times 0.XXX)$
l₂	$l_2 = [0.XX] 1.00$	$A_{i3} = XXX \times (XXX)$
l₃	$l_3 = XXX\%$	$A_{i4} = XXX \text{ sq ft}$

Consultant

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

Project Title

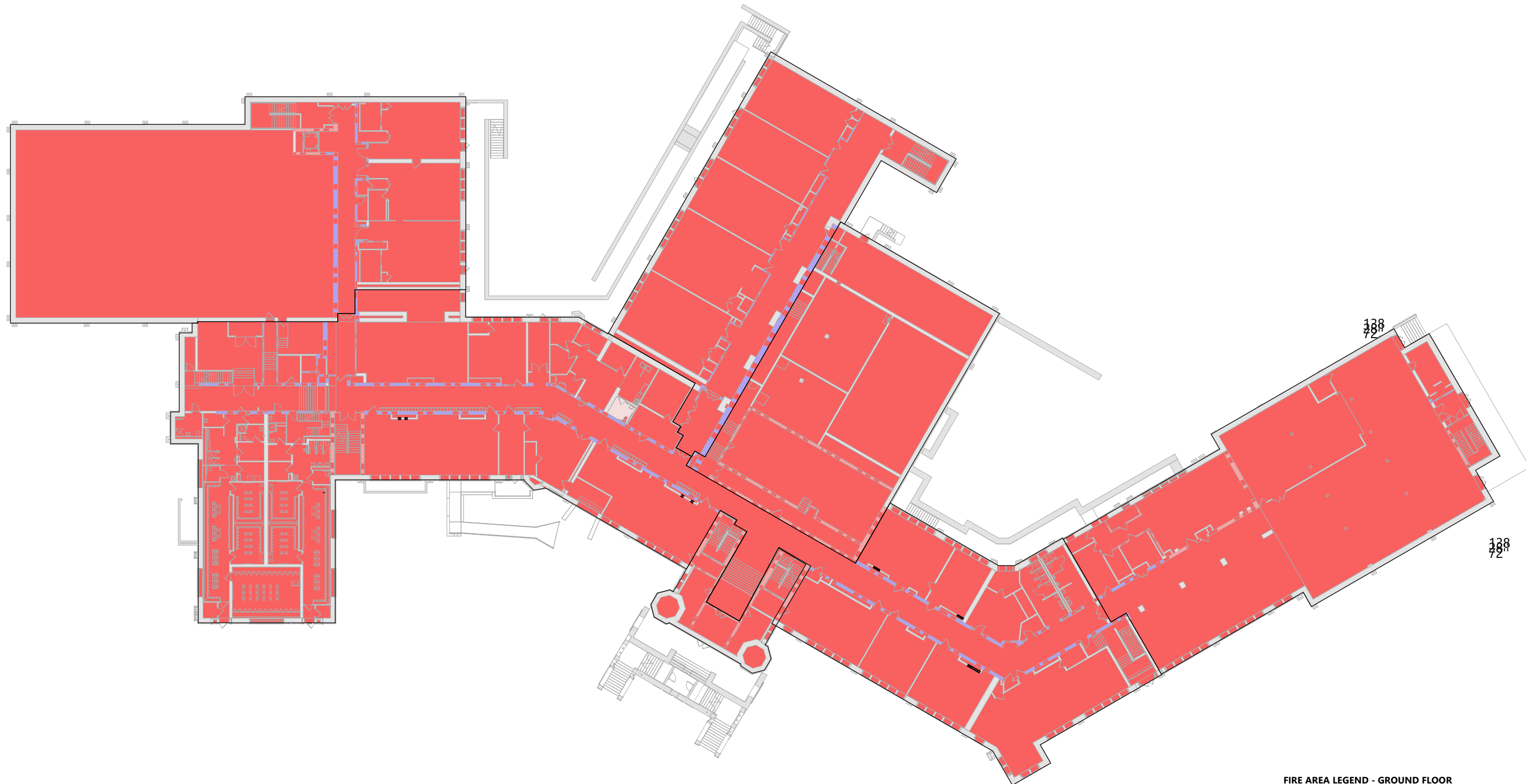


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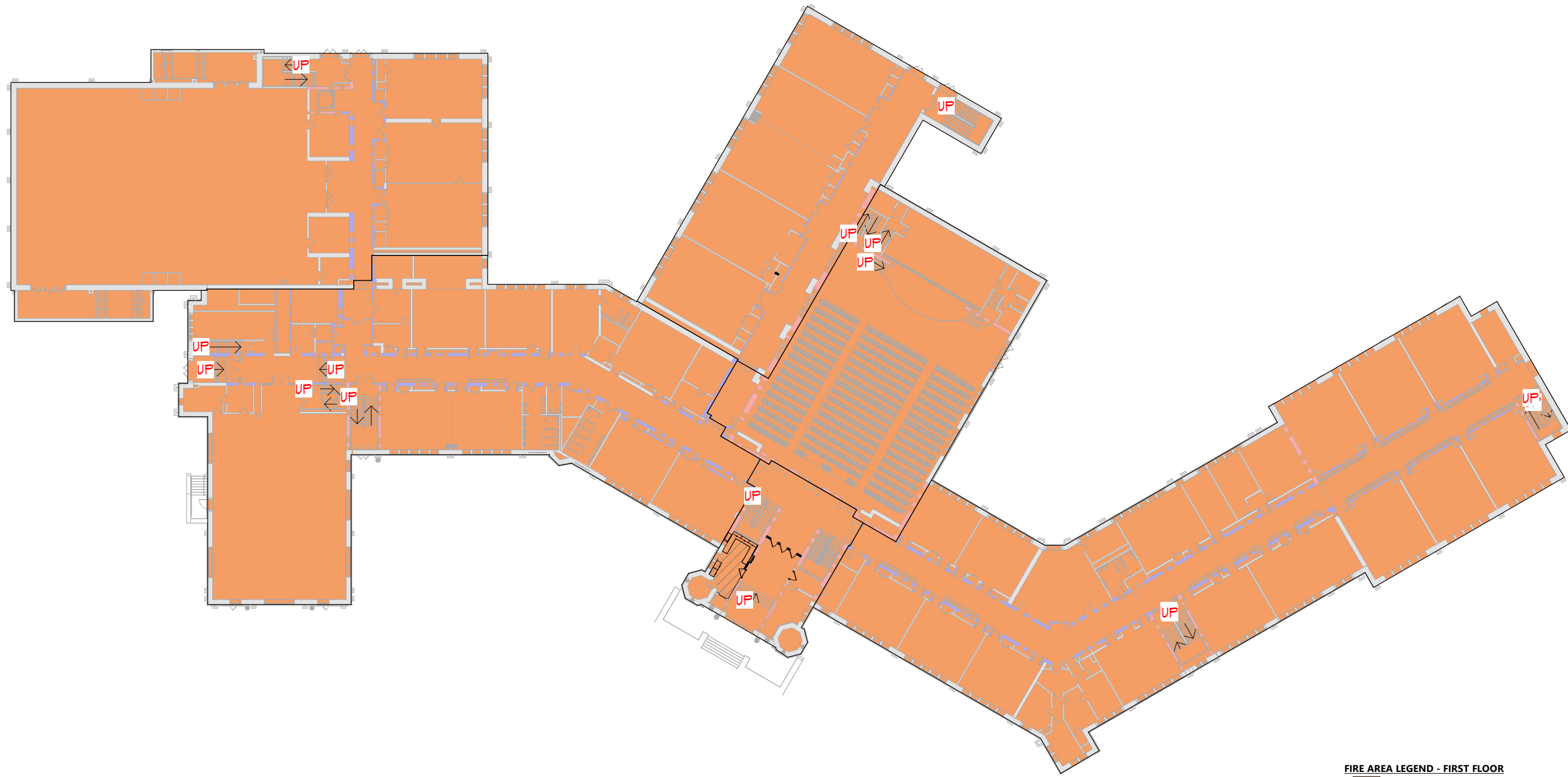
Sheet Title
AREA 'C' -
PARTIAL
SECOND
FLOOR LIFE
SAFETY PLAN

Sheet No. IEYMS
LS123

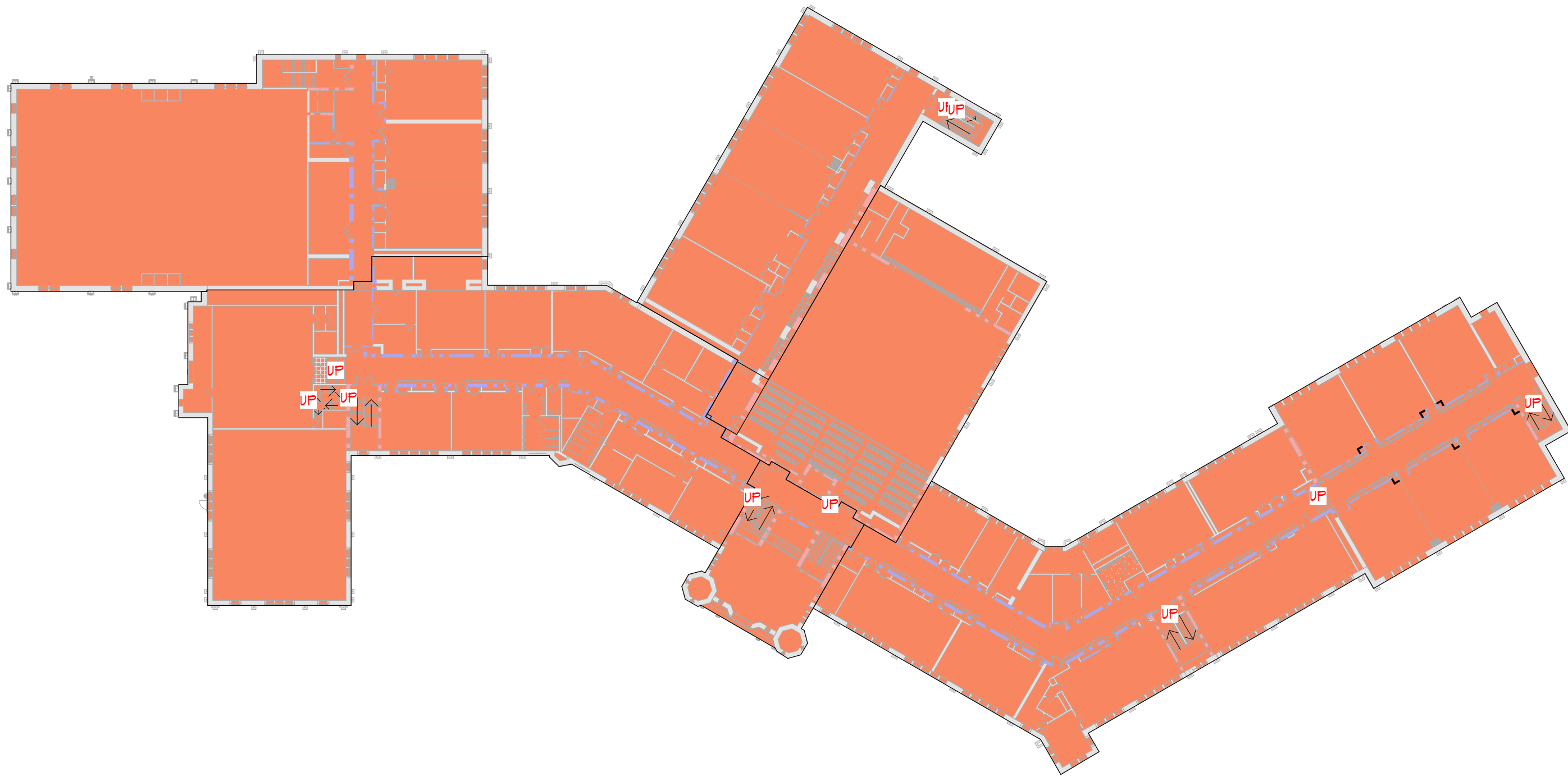
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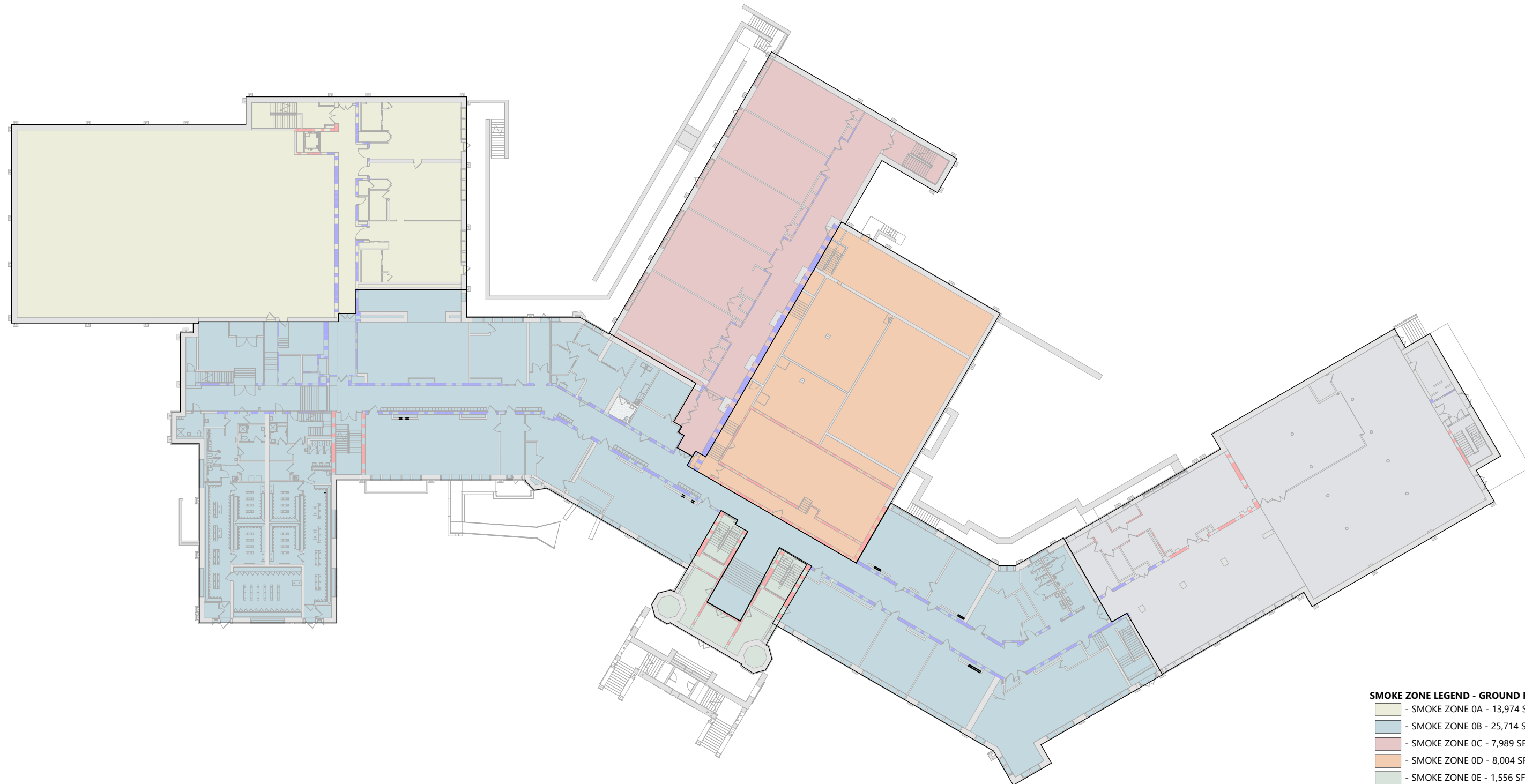
4 OVERALL GROUND FLOOR FIRE AREA PLAN
LS124 1" = 40'-0"



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



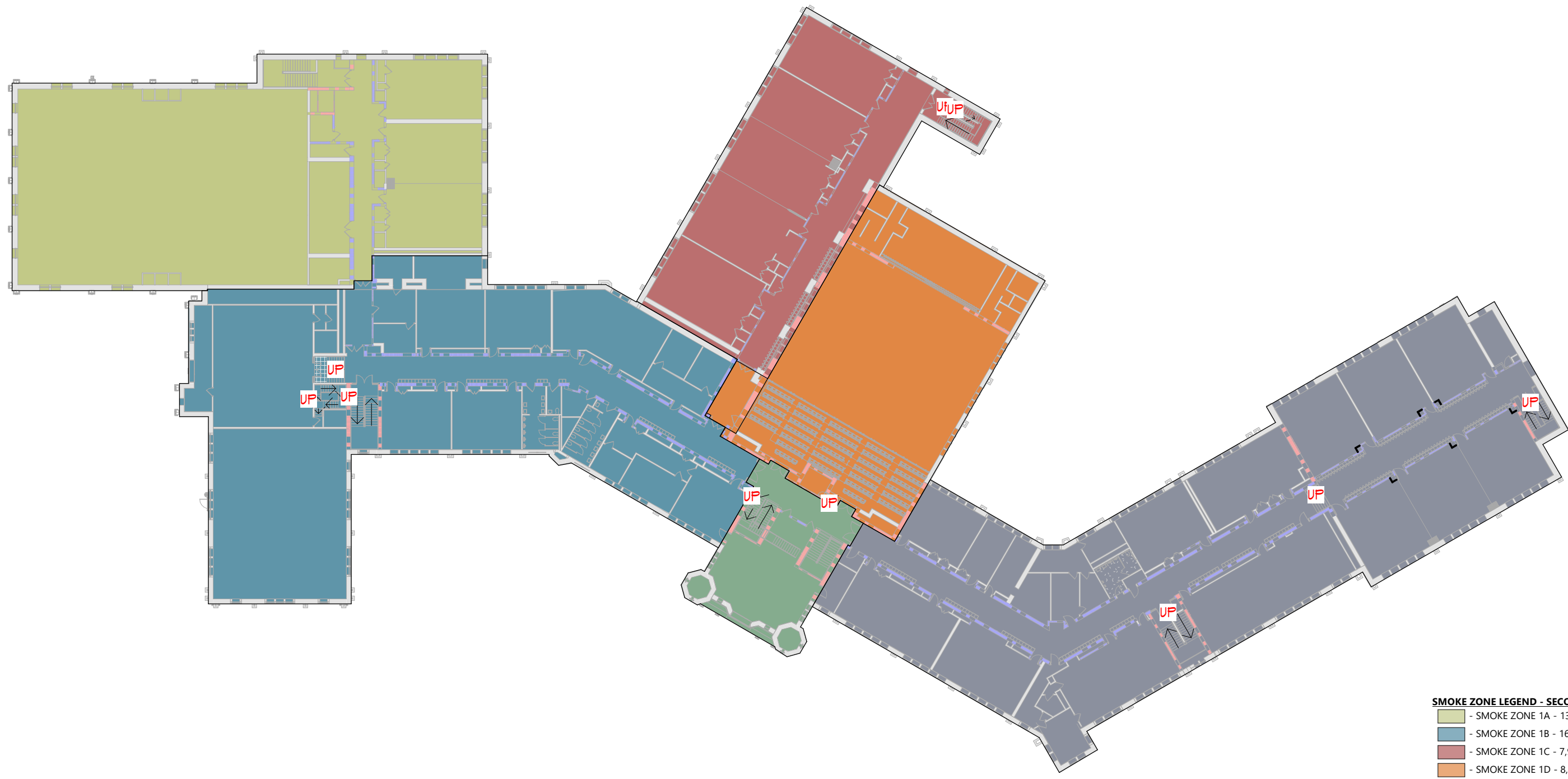
6 SECOND FLOOR FIRE AREA PLAN
LS124 1" = 40'-0"



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



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



3 SECOND 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
 - NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (IF OCCS)
 - REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
 - 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
 - ESP EMERGENCY EYE WASH STATION
 - FED FIRE EXTINGUISHER, WALL MOUNT
 - FEO FIRE EXTINGUISHER CABINET

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMINGLING 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: 1425
CONSTRUCTION TYPE: IIB
GROUND FLOOR AREA: 45,042 SF
GROSS FIRST FLOOR AREA: 45,042 SF
ADDITION CONSTRUCTION: 1441
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 6,909 SF
GROSS FIRST FLOOR AREA: 6,909 SF
ADDITION CONSTRUCTION: 2000
CONSTRUCTION TYPE: IIB
BASEMENT AREA: 17,911 SF
GROSS FIRST FLOOR AREA: 17,911 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
BUSINESS	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	XXX
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 WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL 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 _t = IF/P - 0.25W/30	A _s = A _a + (NS x I _t)
I _t = [100/XX - 0.25] XX/30	A _s = XXX + (XXX x 0.3X)
I _t = [0.3X] 1.00	A _s = XXX + (XXX)
I _t = XXX%	A _s = XXX sq ft

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Consultant

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

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Sheet Title

LIFE SAFETY
DIAGRAM

Sheet No.
IEYMS
LS124

CONSTRUCTION DOCUMENTS

CSARCH

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, UNLESS ALL KEVED REMOVED SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND LEAD 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.

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

Project Title



	DATE	DESCRIPTION

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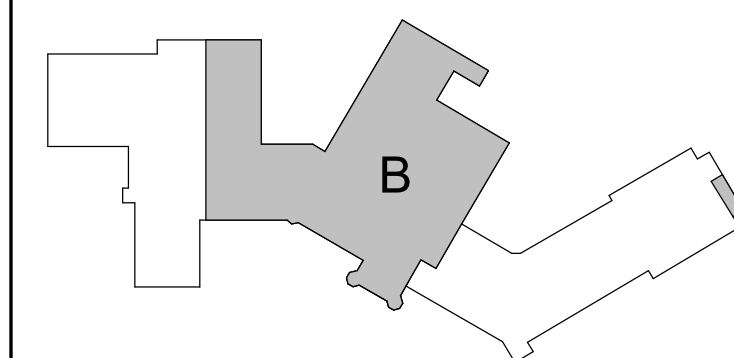
Sheet Title

AREA 'B' -
PARTIAL FIRST
FLOOR DEMO
PLAN

Sheet No. IEYMS
AD112

CONSTRUCTION DOCUMENTS

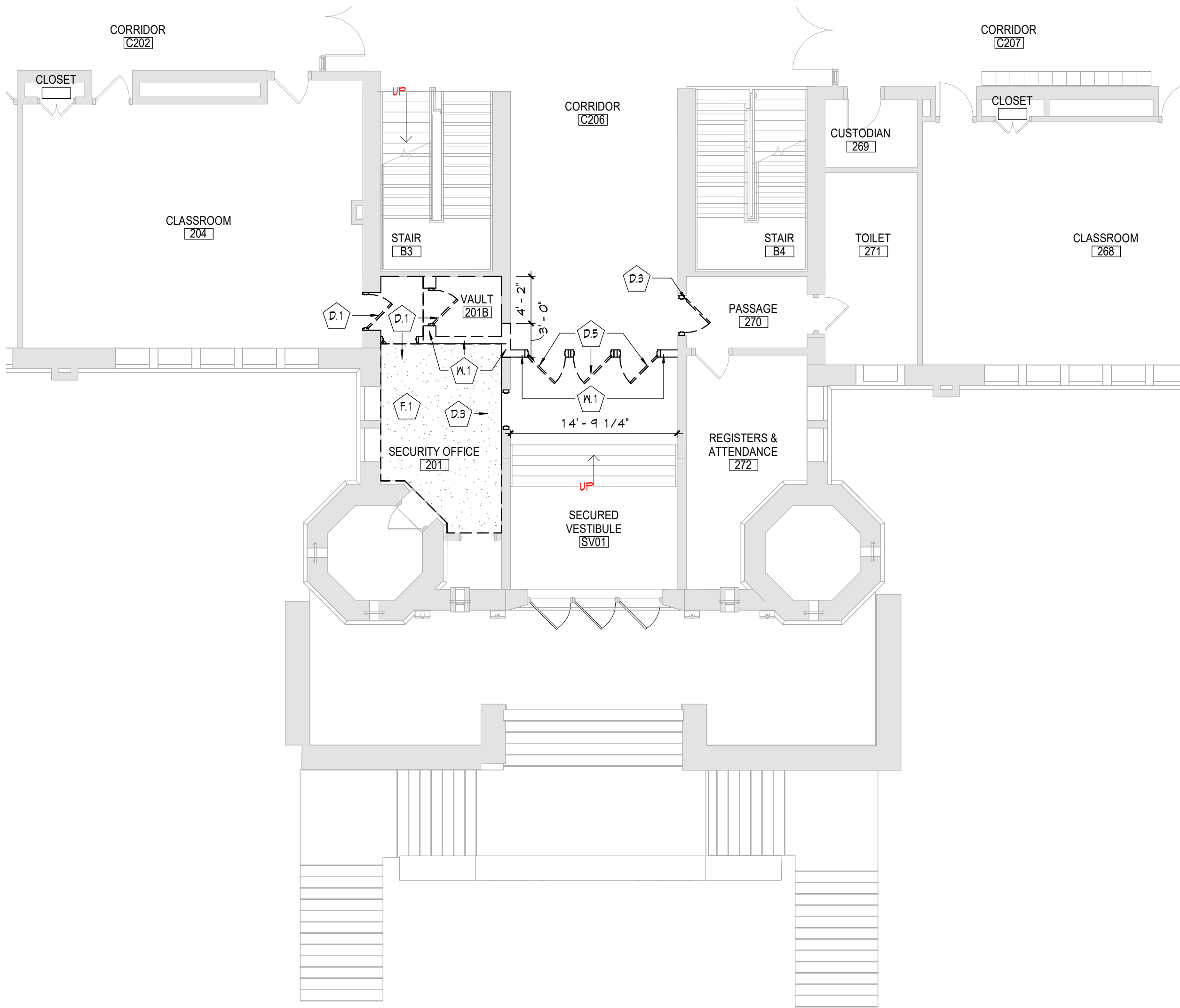
KEY PLAN



1 AREA 'B' FIRST FLOOR DEMOLITION PLAN

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1 ENLARGED DEMO SECURITY PLAN
AD601 1/8" = 1'-0"

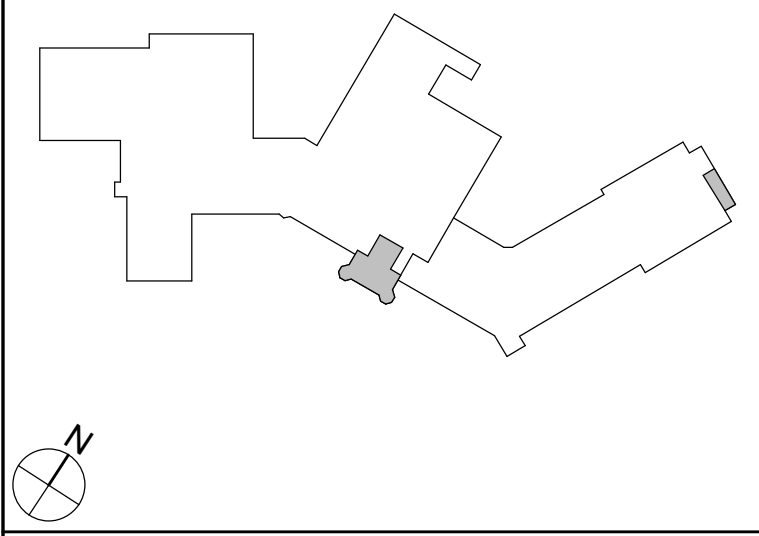
GENERAL NOTES

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

KEYNOTES

#	DESCRIPTION
D.1	REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY.
D.3	REMOVE HARDWARE, DOOR AND FRAME TO REMAIN. REFER TO HARDWARE SCHEDULE FOR EXTENT OF REMOVAL.
D.5	CAREFULLY REMOVE EXISTING HISTORIC WOODEN STOREFRONT, DOORS, AND HARDWARE. FULL SYSTEM TO BE PROTECTED AND STORED TO BE RELOCATED AND REINSTALLED.
F.1	REMOVE FLOOR FINISH, INCLUDING ALL PADDING, ADHESIVES AND WALL BASE, TO SLAB BELOW.
W.1	SAWCUT AND REMOVE MASONRY WALL IN ITS ENTIRETY.

KEY PLAN



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

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Sheet Title

ENLARGED
VESTIBULE
DEMOLITION
PLAN

Sheet No.

IEYMS
AD601

CONSTRUCTION DOCUMENTS

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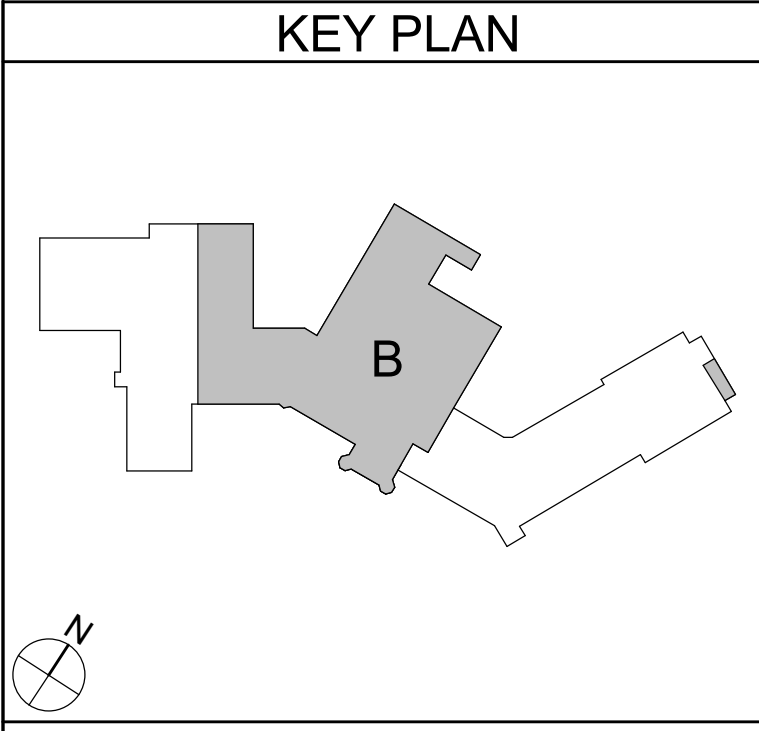
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1 AREA 'B' - FIRST FLOOR DEMOLITION RCP
AD812 3/32" = 1'-0"

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.
C.2	REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL FRAMING AND FASTENERS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT REMOVALS.



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2023 CAPITAL PROJECTS - PHASE 2A

Project Title



DATE	DESCRIPTION

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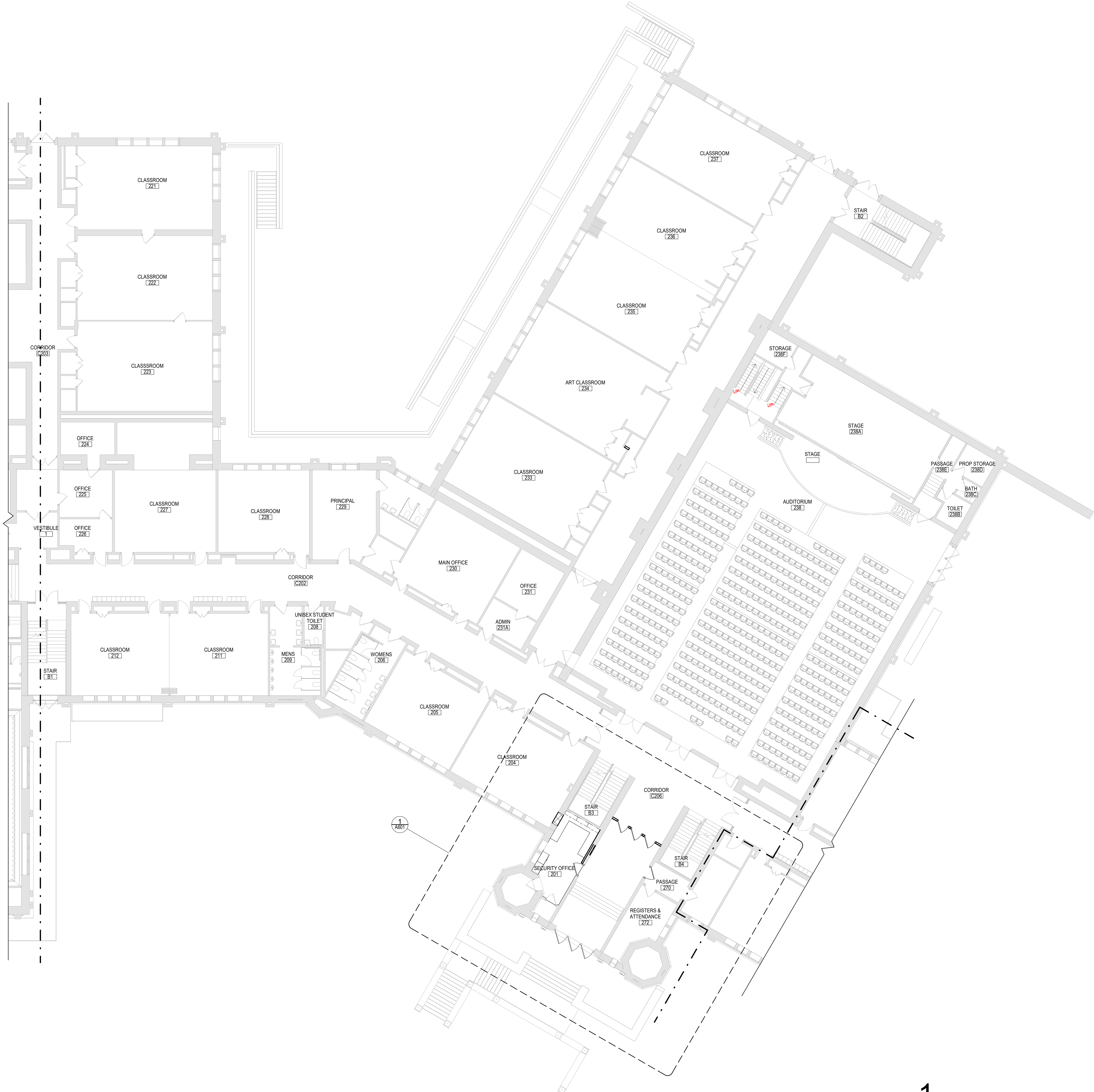
Sheet Title
AREA 'B' -
PARTIAL FIRST
FLOOR DEMO
RCP

Sheet No.
IEYMS
AD812

CONSTRUCTION DOCUMENTS

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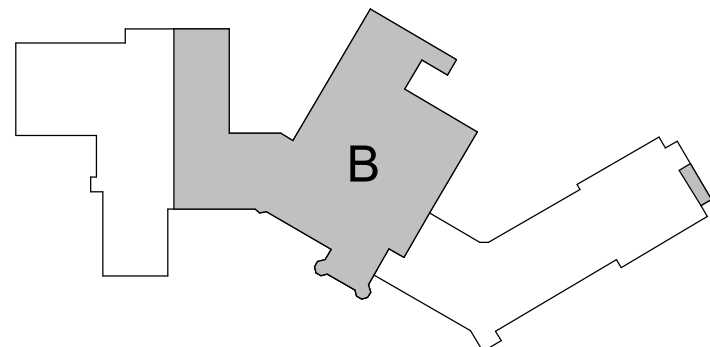


1 AREA 'B' FIRST FLOOR PLAN
3/32" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A800 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETS.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.

KEY PLAN



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

Project Title



DATE	DESCRIPTION

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Sheet Title
AREA 'B' -
PARTIAL FIRST
FLOOR PLAN

Sheet No.
**IEYMS
A112**

CONSTRUCTION DOCUMENTS

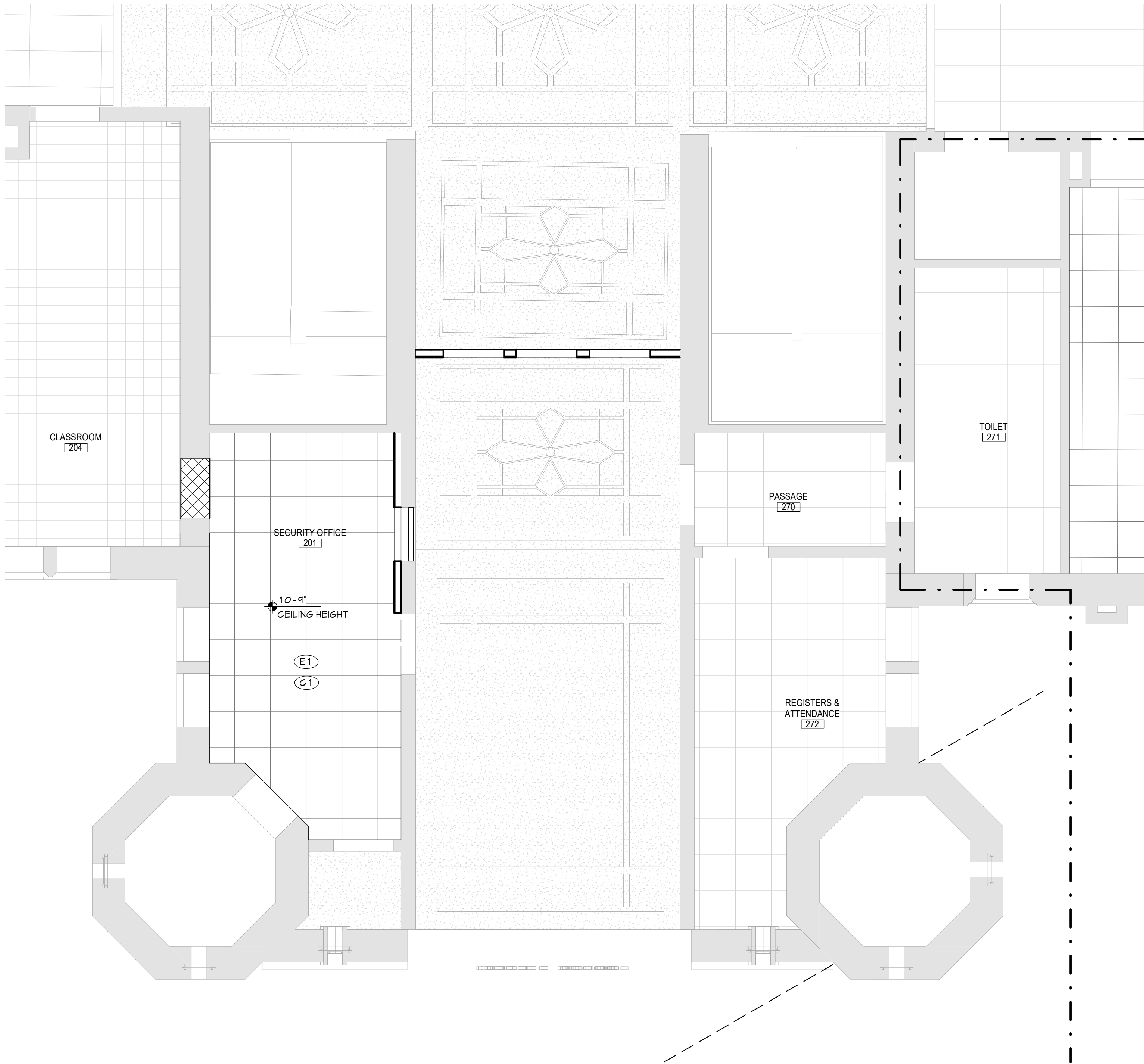
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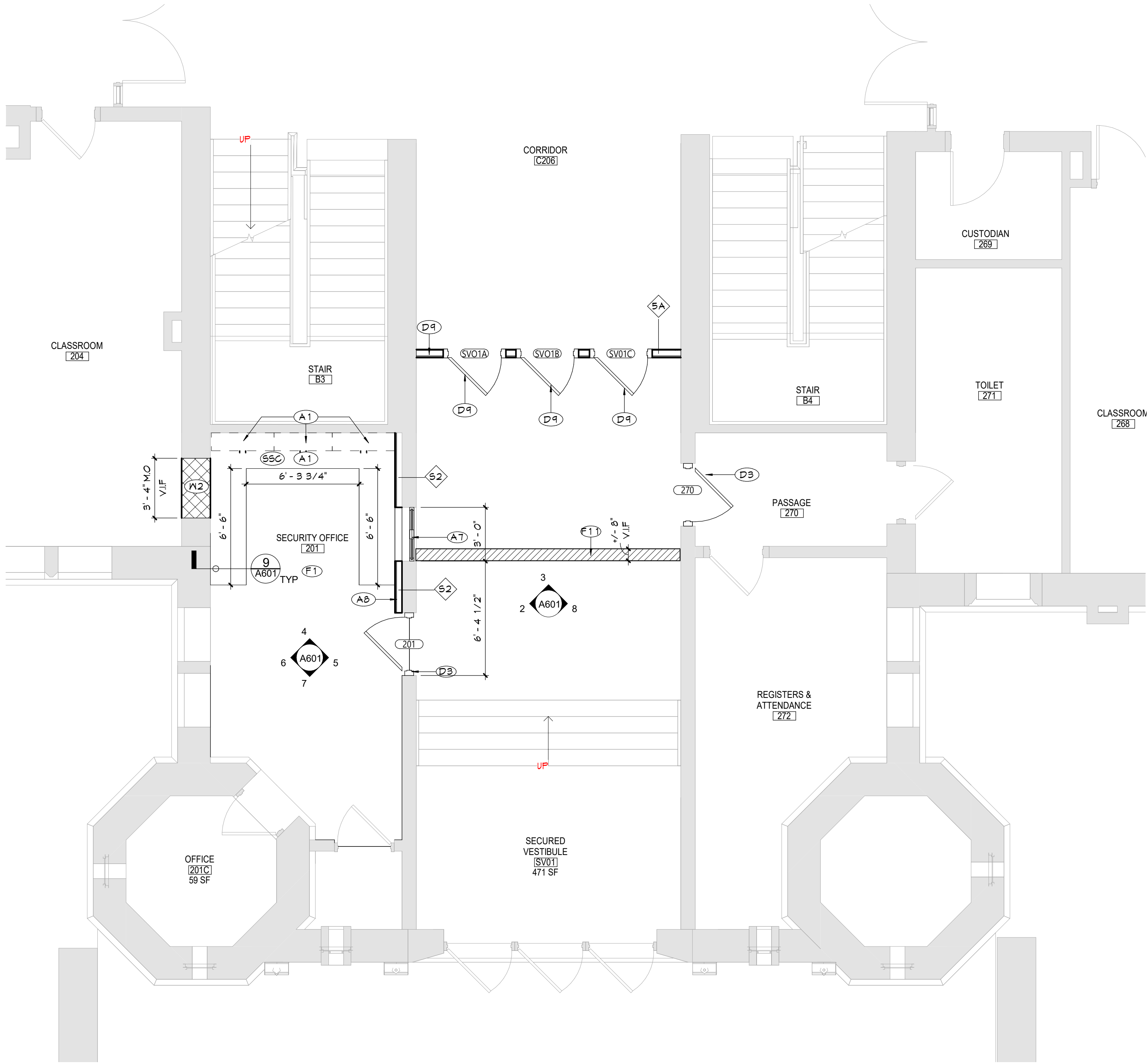
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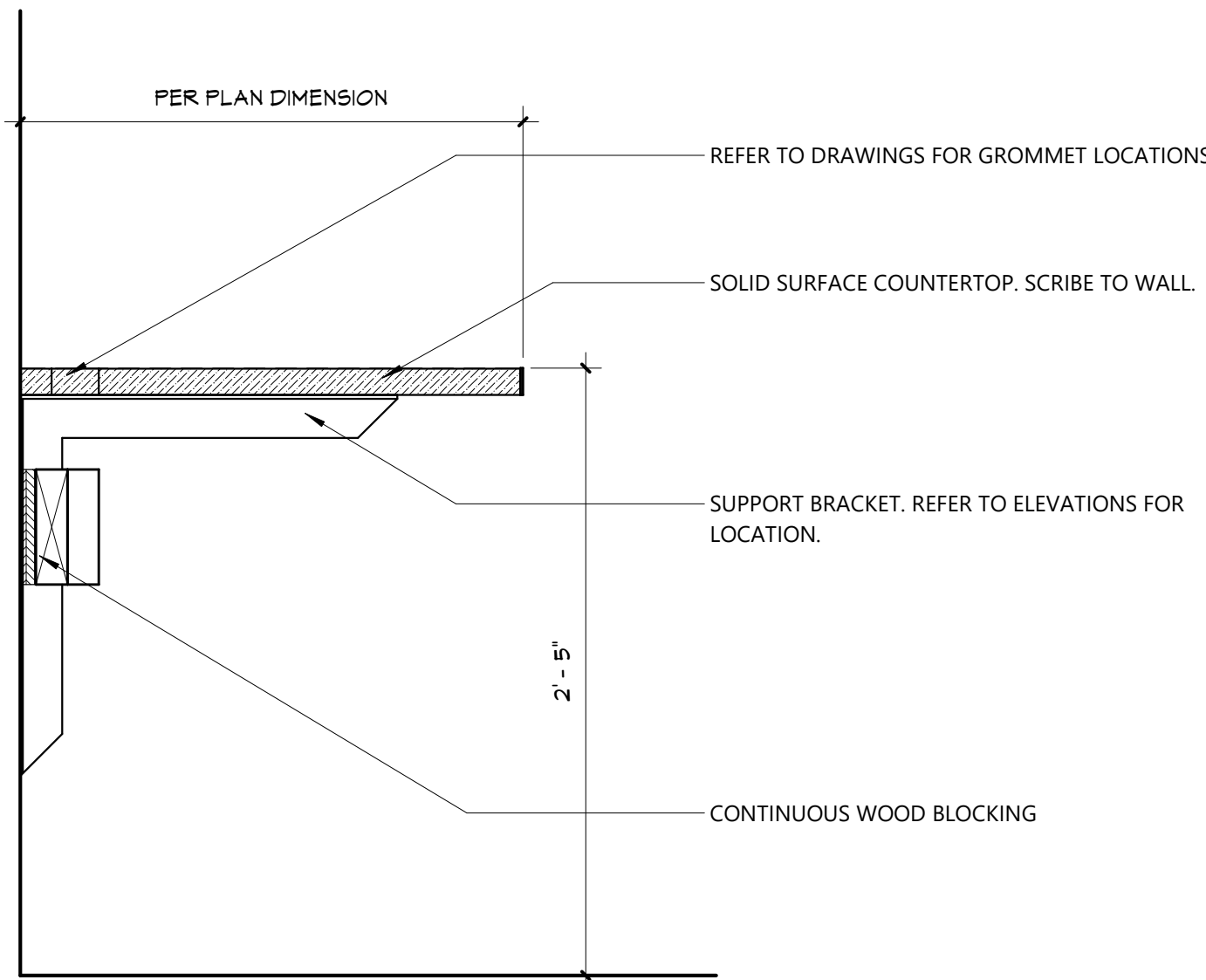
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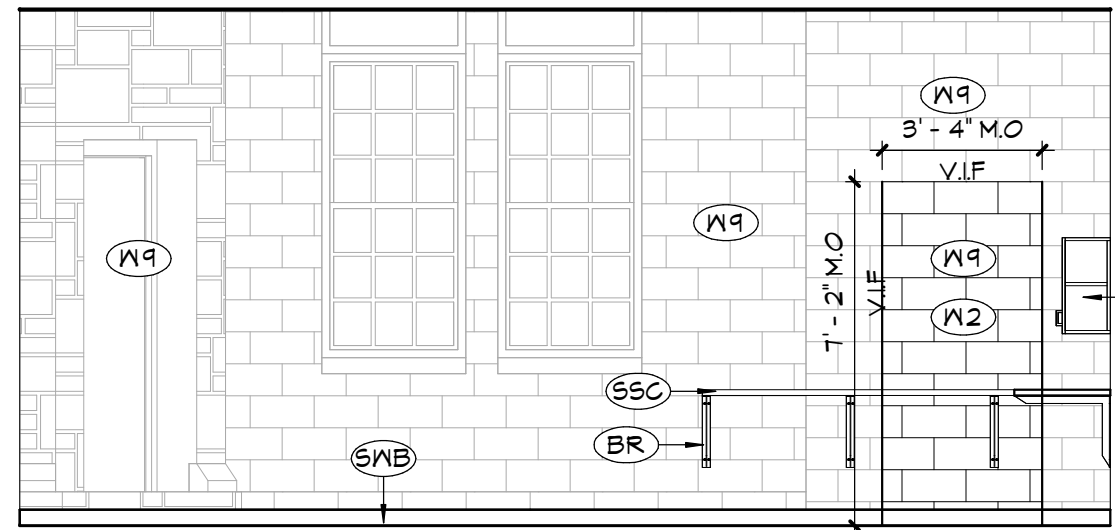
10 ENLARGED REFLECTED CEILING PLAN - AREA B
A601 1/4" = 1'-0"



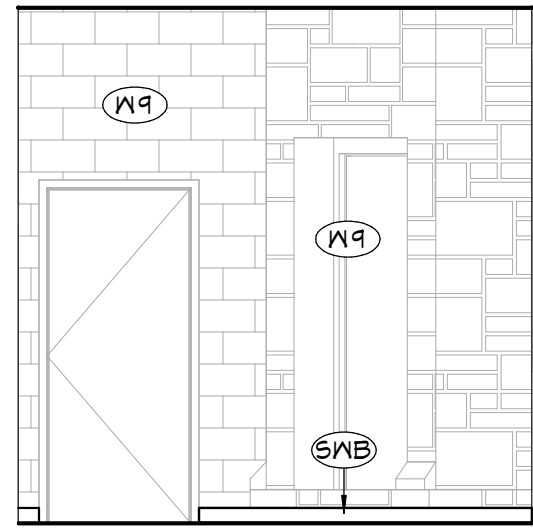
1 ENLARGED NEW WORK SECURITY PLAN
A601 1/4" = 1'-0"



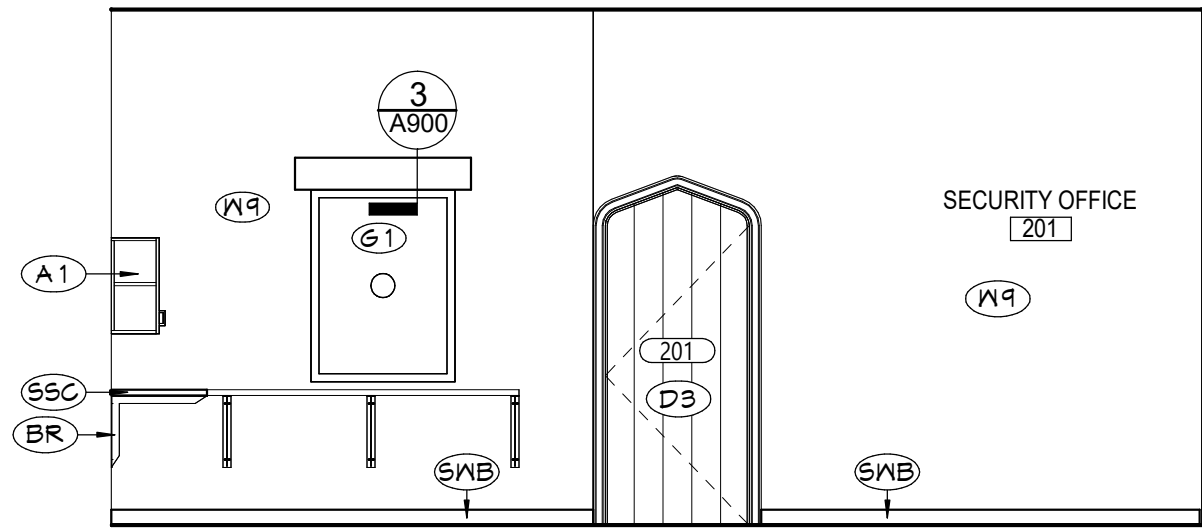
9 COUNTER DETAIL
A601 1 1/2" = 1'-0"



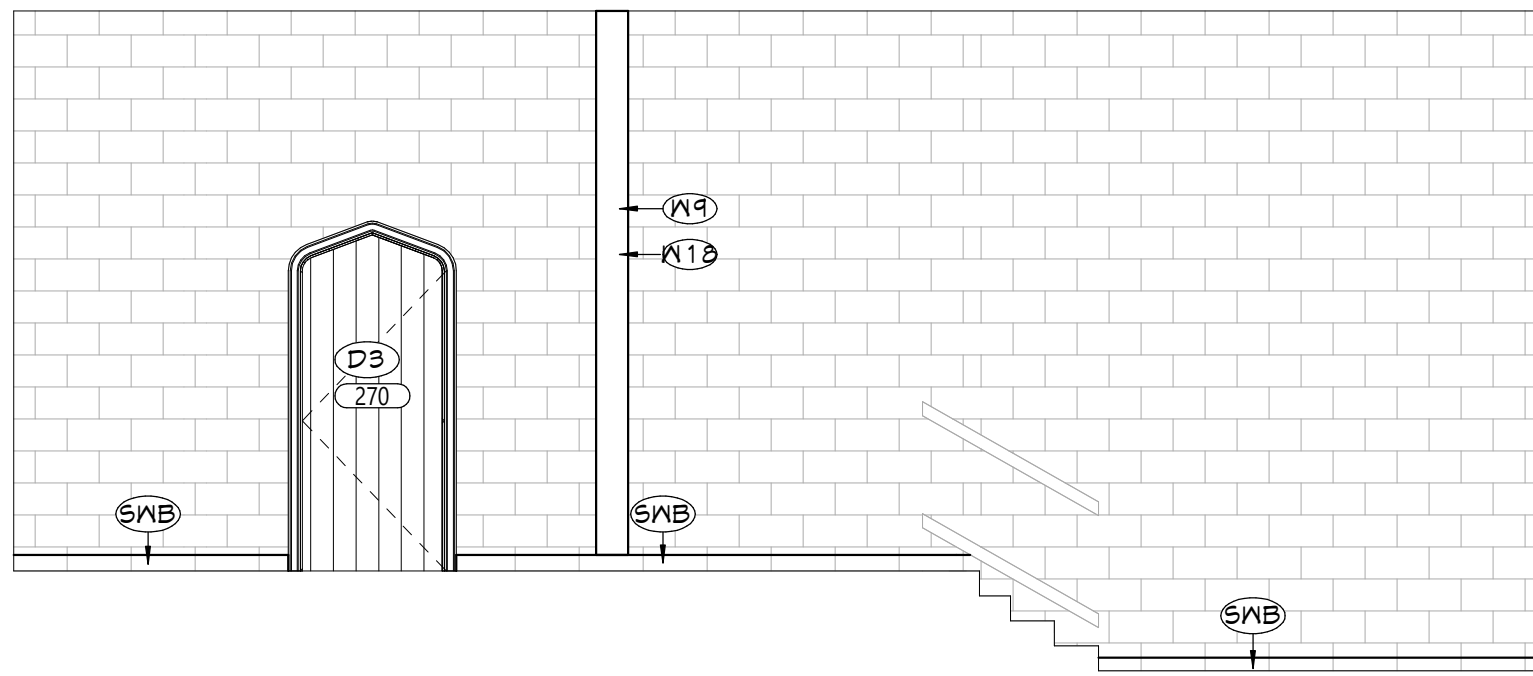
6 RM 201 WEST ELEVATION
A601 1/4" = 1'-0"



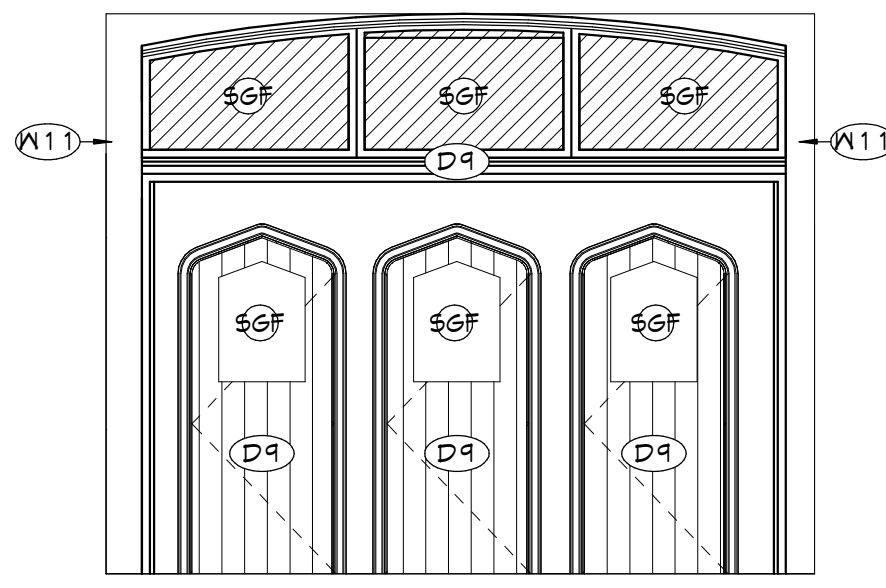
7 RM 201 SOUTH ELEVATION
A601 1/4" = 1'-0"



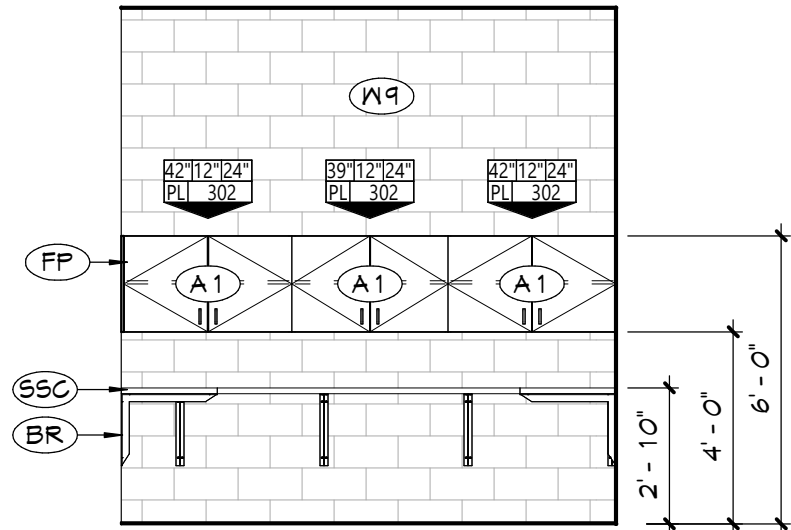
5 RM 201 EAST ELEVATION
A601 1/4" = 1'-0"



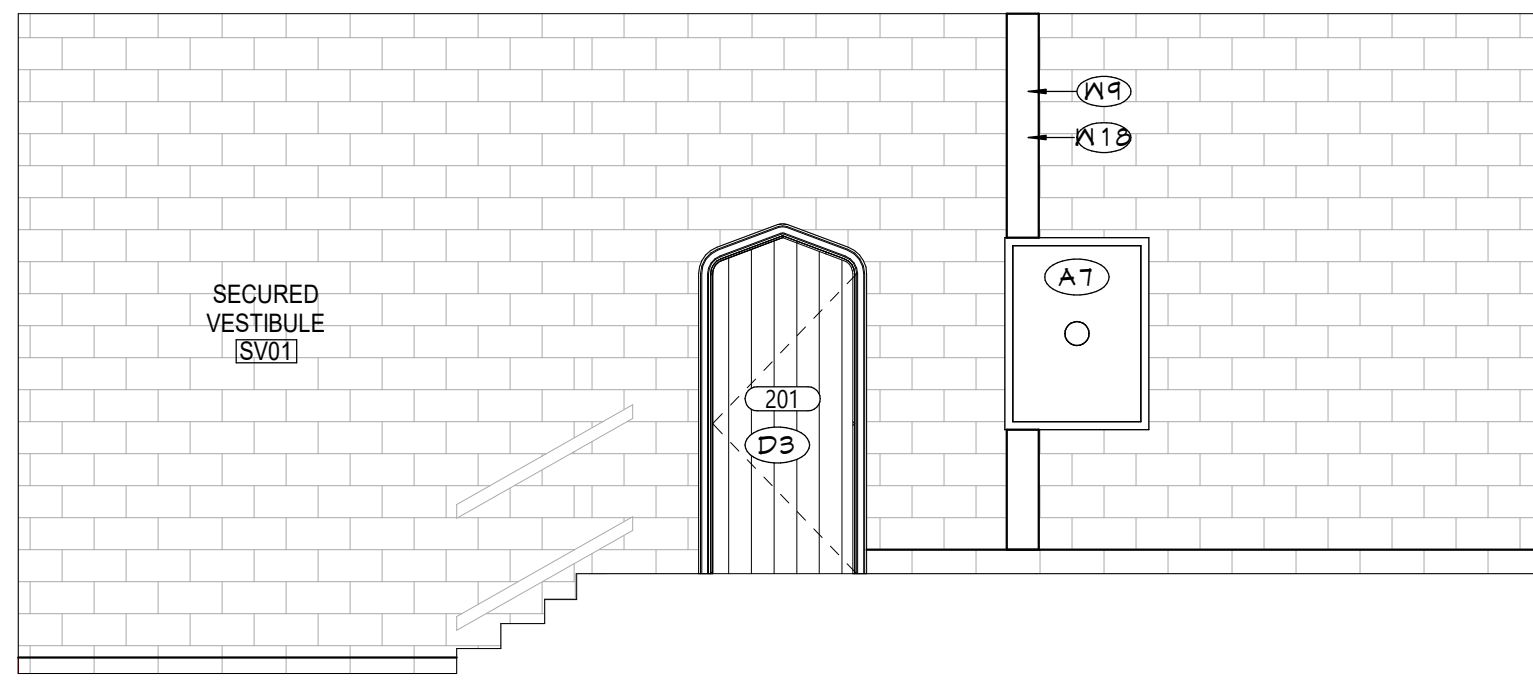
8 SECURED VEST. EAST ELEVATION
A601 1/4" = 1'-0"



3 SECURED VEST. NORTH ELEVATION
A601 1/4" = 1'-0"



4 RM 201 NORTH ELEVATION
A601 1/4" = 1'-0"



2 SECURED VEST. WEST ELEVATION
A601 1/4" = 1'-0"

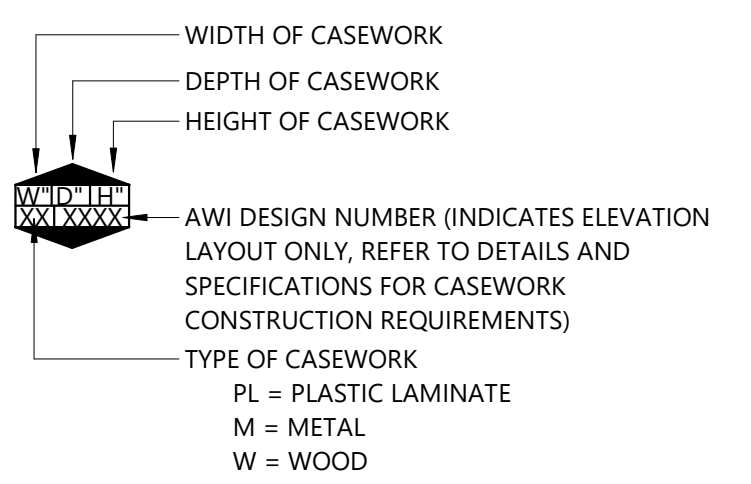
GENERAL NOTES

- REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
- REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
- REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
- REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.

GENERAL CASEWORK NOTES

- ALL CASEWORK SHALL HAVE PLASTIC LAMINATE (PLAM) COUNTERTOPS AND 4" BACK SPLASHES, UNO.
- INSTALL MATCHING FILLER PANELS IN LOCATIONS SHOWN. ADD MATCHING FILLER PANELS AS REQUIRED FOR FINAL FIT/FINISH.
- PROVIDE BLOCKING IN ALL ADJACENT WALLS AS REQUIRED TO INSTALL ALL CASEWORK.
- PROVIDE FINISHED END PANEL AT ALL EXPOSED FACES OF CASEWORK.
- PROVIDE WALL BASE AS SCHEDULED ON ALL EXPOSED TOE KICK SPACES AND EXPOSED END PANELS.

CASEWORK LEGEND



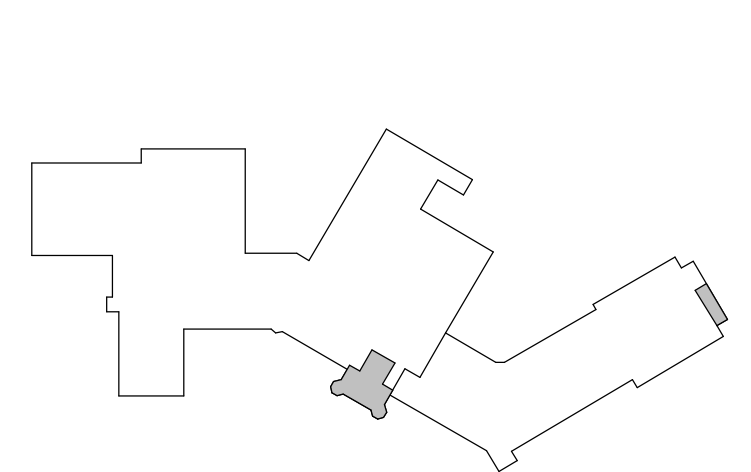
KEYNOTES

#	DESCRIPTION
A1	PROVIDE AND INSTALL NEW CASEWORK.
A7	PROVIDE NEW SECURITY TRANSACTION WINDOW AS SPECIFIED.
A8	PROVIDE NEW FULL HEIGHT HARDENED PARTITION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
BR	STEEL SUPPORT BRACKET
C1	24"x24" ACOUSTIC PANELS AND SUSPENSION SYSTEM.
D3	PROVIDE HARDWARE, DOOR AND FRAME TO REMAIN. CAREFULLY REINSTALL EXISTING HISTORIC WOODEN STOREFRONT SYSTEM INCLUSIVE OF ALL DOORS, AND HARDWARE IN NEW LOCATION AND PARTITION. APPLY SECURITY FILM TO ALL EXISTING GLAZING.
E1	LIGHT FIXTURE INSTALLATION, TYPICAL REFER TO 'E' DRAWINGS.
F1	PROVIDE NEW FLOOR FINISH, (TYPICAL FOR ROOM, UNLESS NOTED OTHERWISE); REFER TO 'AF' DRAWINGS.
F11	PATCH FLOOR AS NEEDED.
FP	FILLER PANEL, MATERIAL TO MATCH CASEWORK BODY.
G1	PROVIDE NEW SPECIFIED WINDOW SYSTEM.
SSC	SOLID SURFACE COUNTERTOP, CONTINUOUS
SWB	SCHEDULED WALL BASE
W2	INFILL WALL WITH CMU 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.
W18	PATCH WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH.

GLAZING TYPES

FRSG	FIRE RATED SECURITY GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SG	SECURITY GLASS
SP	SPANDREL GLASS
SGF	SECURITY GLAZING FILM

KEY PLAN



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

Project Title



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Sheet Title

ENLARGED
PLANS,
SECTIONS
AND DETAILS

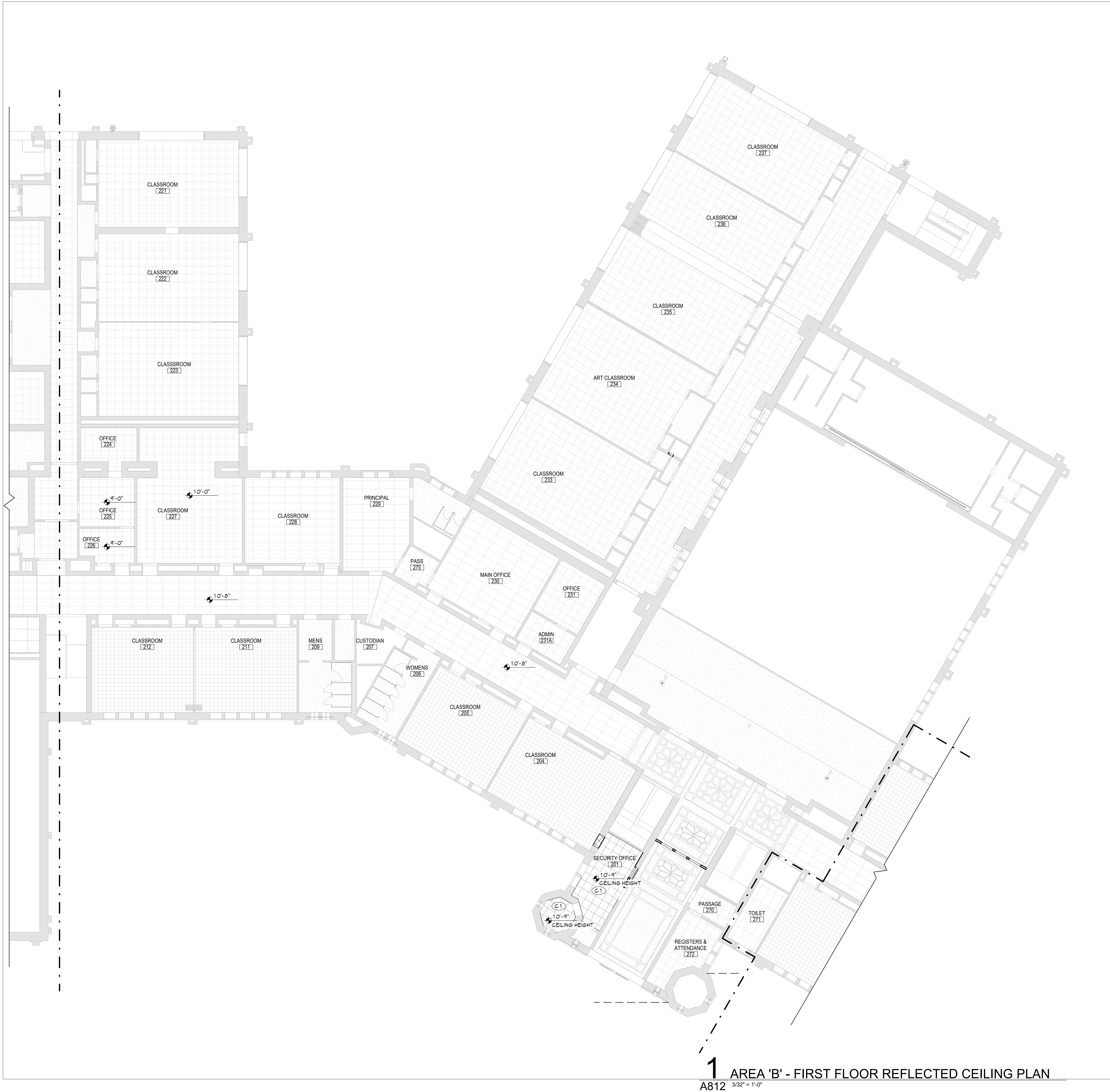
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A601

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 A800 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A701 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

QWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE

SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM

CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

2'x4' LIGHT FIXTURE

2'x2' LIGHT FIXTURE

1'x1' LIGHT FIXTURE

PENDANT LIGHT FIXTURE

RECESSED DOWN LIGHT

CEILING MOUNTED EXIT SIGN

CEILING MOUNTED OCCUPANCY SENSOR

CEILING MOUNTED SMOKE DETECTOR

CEILING MOUNTED HEAT DETECTOR

CEILING MOUNTED PA SPEAKER

CEILING MOUNTED SECURITY J-BOX

CEILING MOUNTED MOTION SENSOR

CEILING MOUNTED DATA J-BOX

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

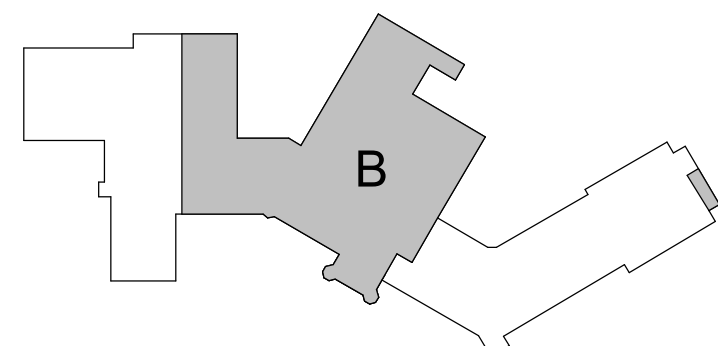
HVAC SUPPLY GRILLE

HVAC RETURN GRILLE

KEYNOTES

#	DESCRIPTION
C1	24"x24" ACOUSTIC PANELS AND SUSPENSION SYSTEM.

KEY PLAN



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AREA 'B' -
PARTIAL FIRST
FLOOR RCP

Sheet No.

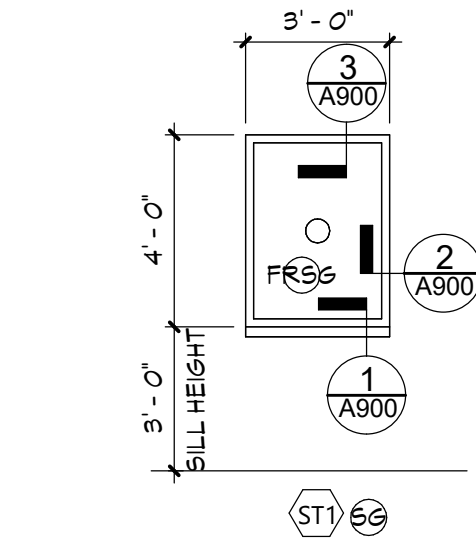
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A812

CONSTRUCTION DOCUMENTS

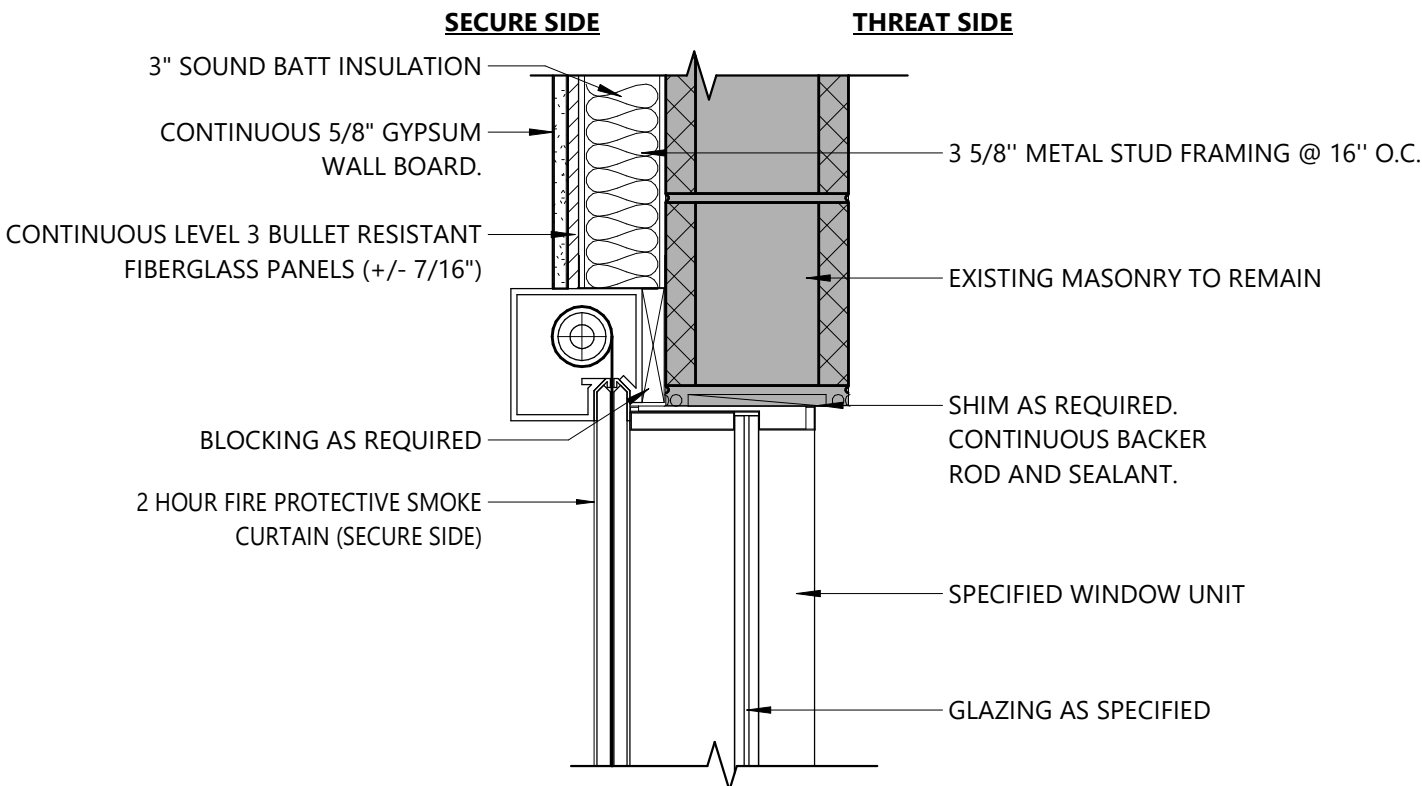
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DOOR SCHEDULE ALL FLOORS																										
DOOR NUMBER	DOOR					DOOR							FRAME										REMARKS	DOOR NUMBER		
	FROM	FROM	TO	TO	QUANTITY	Width	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	FRAME TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL				
201	201	SECURITY OFFICE	SV01	SECURED VESTIBULE	PR	3'-0"	6'-3"	1 3/4"	F	ETR	ETR	ETR	ETR	ETR	-	-	-	-	-	1.0	-	YES		201		
270	270	PASSAGE	SV01	SECURED VESTIBULE	1	3'-0"	6'-3"	1 3/4"	F	ETR	ETR	ETR	ETR	ETR	-	-	-	-	-	2.0	-	-		270		
SV01C	SV01	SECURED VESTIBULE	C206	EXTERIOR	1	3'-0"	6'-3"	1 3/4"	SR2	ETR	ETR	ETR	ETR	ETR	-	-	-	-	-	3.0	-	YES		SV01C		
SV01A	SV01	SECURED VESTIBULE	C206	EXTERIOR	1	3'-0"	6'-3"	1 3/4"	SR2	ETR	ETR	ETR	ETR	ETR	-	-	-	-	-	4.0	-	-		SV01A		
SV01B	SV01	SECURED VESTIBULE	C206	EXTERIOR	1	3'-0"	6'-3"	1 3/4"	SR2	ETR	ETR	ETR	ETR	ETR	-	-	-	-	-	5.0	-	-		SV01B		
Grand total: 5																										

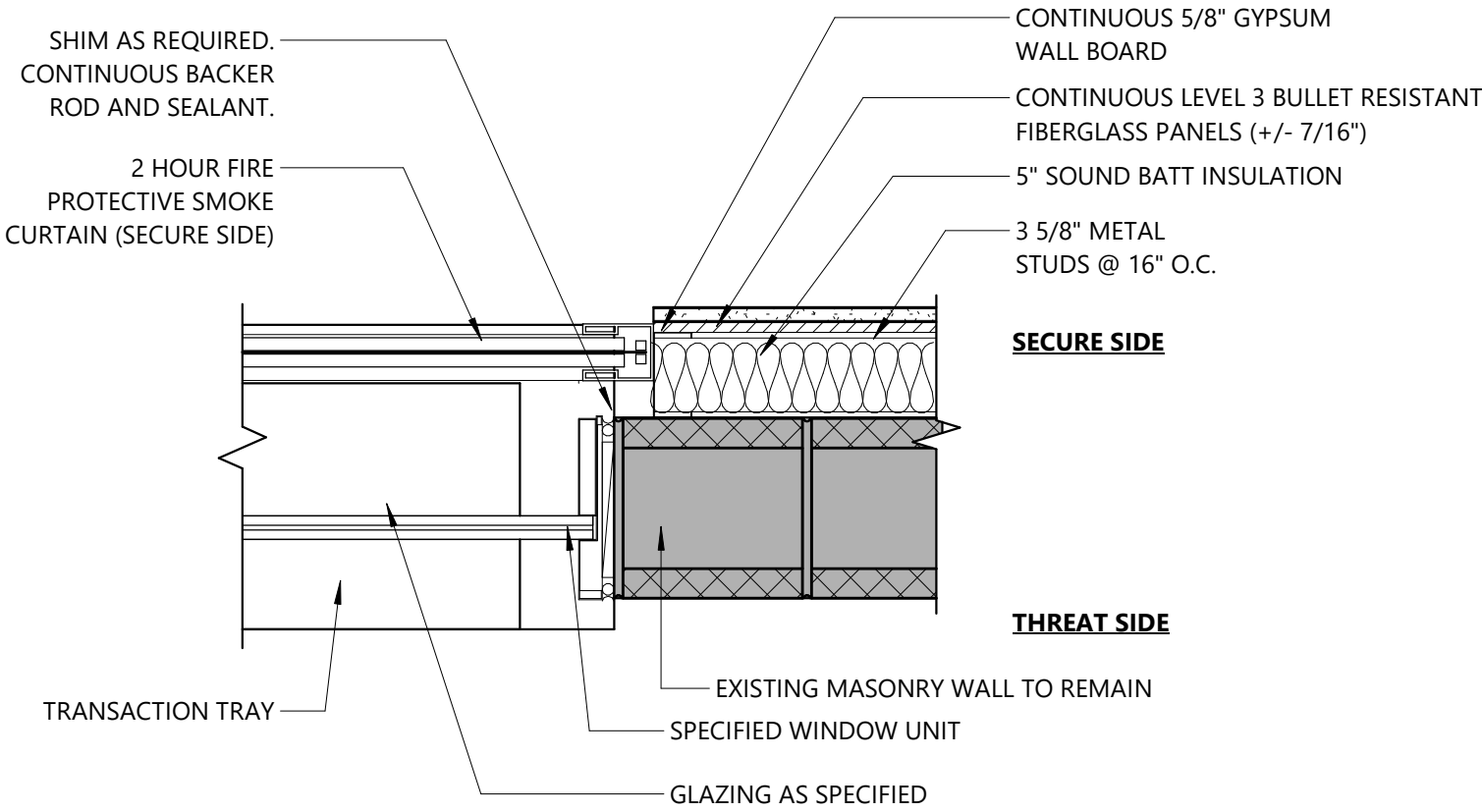
GLAZING TYPES	
FR55	FIRE RATED SECURITY GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SG	SECURITY GLASS
SP	SPANDREL GLASS
SGF	SECURITY GLAZING FILM



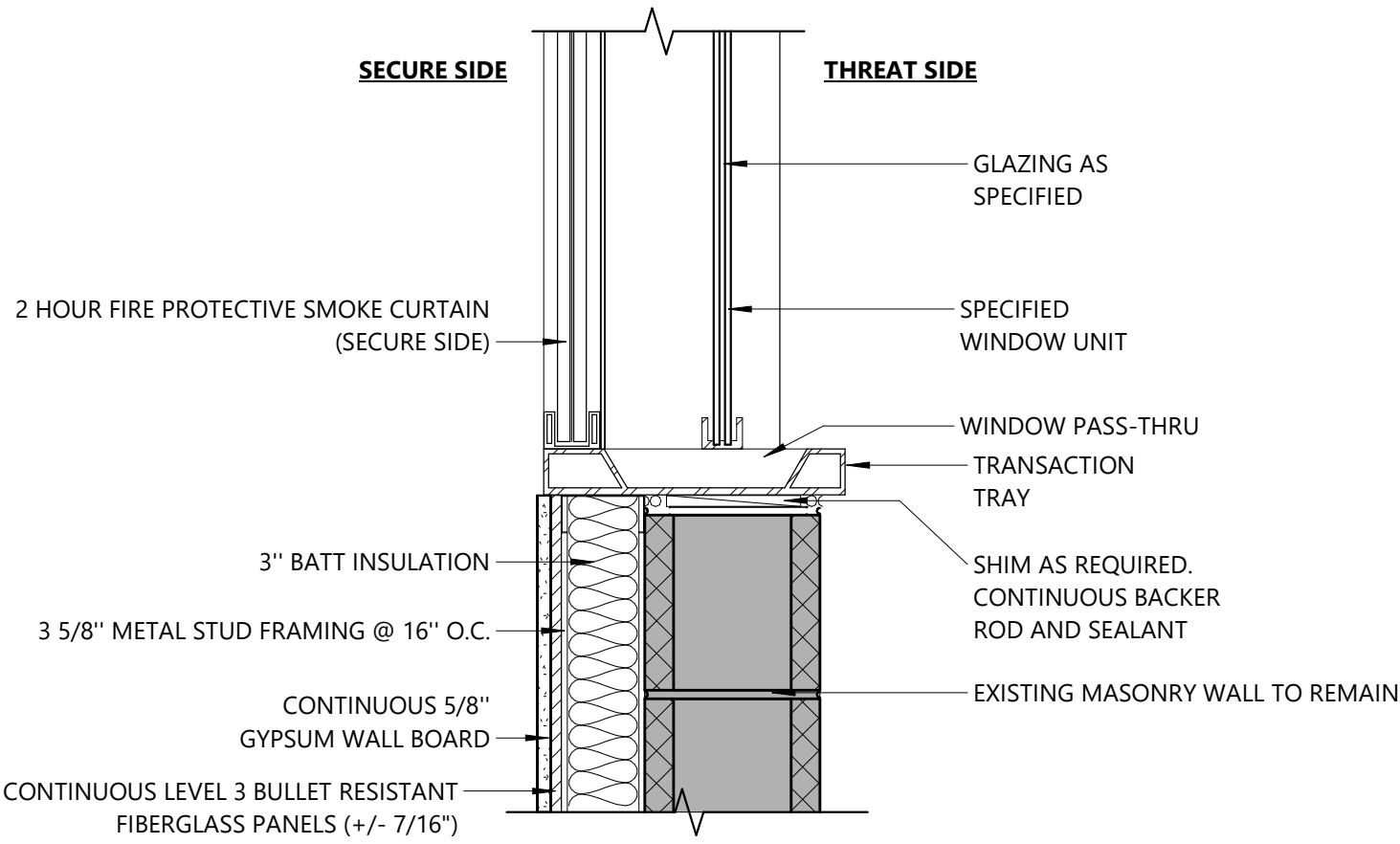
DOOR ELEVATIONS



3 HEAD DETAIL - SECURITY WINDOW



2 JAMB DETAIL - SECURITY WINDOW

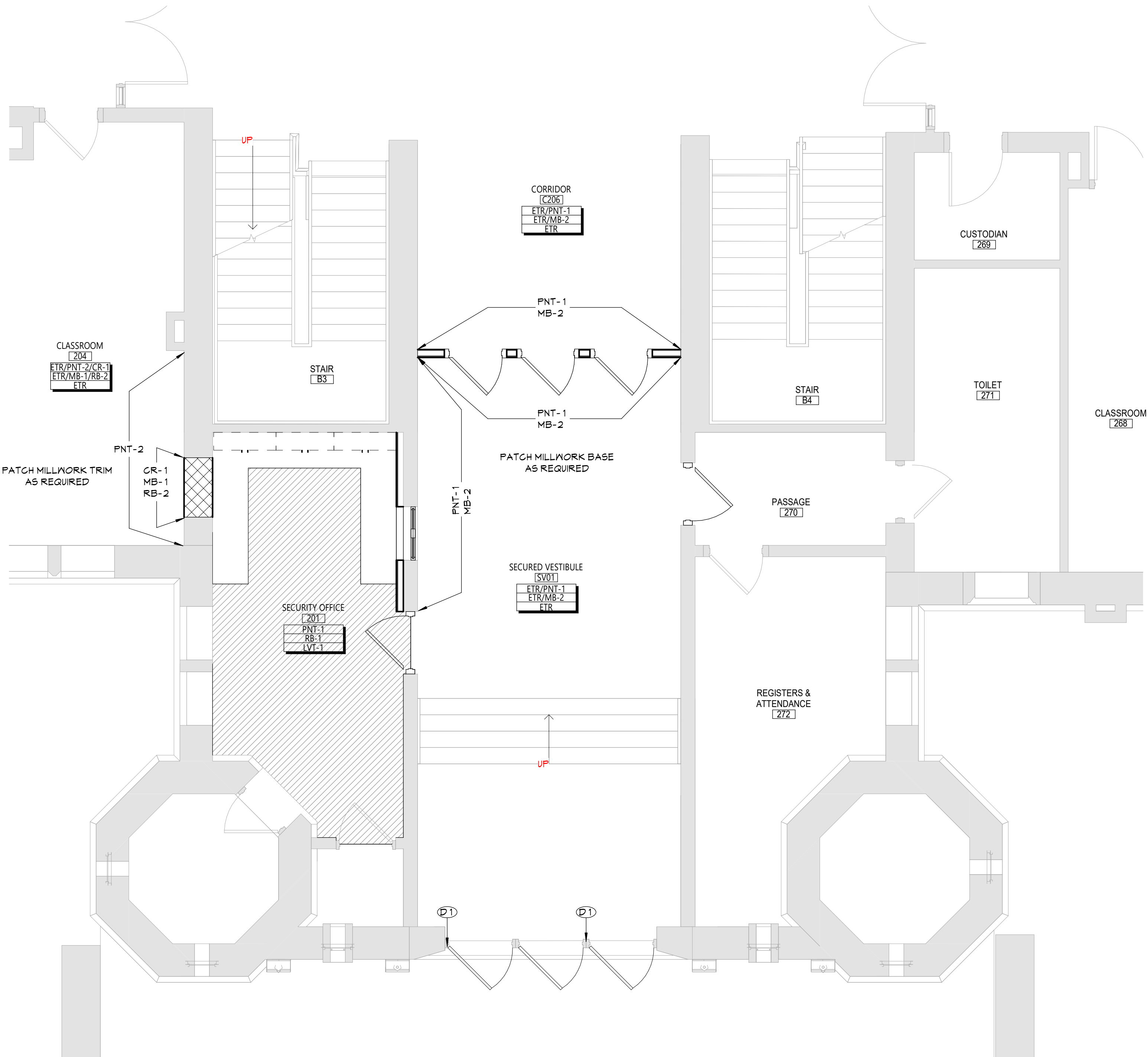


1 SILL DETAIL - SECURITY WINDOW

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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
LUXURY VINYL TILE					
LVT-1	MOHAWK GROUP	MATUTO PLUS STONE	926A AGREEABLE GREY STONE	12" X 24"	SECURITY OFFICE
MILLWORK BASE					
MB-1	MILLWORK BASE	MATCH EXISTING	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	CLASSROOM 204
MB-2	MILLWORK BASE	MATCH EXISTING	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	CORRIDOR/ VESTIBULE
PAINT					
PNT-1	SHERWIN WILLIAMS	EGGSHELL	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		SECURITY OFFICE/ CORR/ VEST - MATCH TO CORRIDOR
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
PLASTIC LAMINATE					
PLAM-1	WILSONART	PLASTIC LAMINATE	1500-00 GREY		CASEWORK
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
SOLID SURFACE					
SS-1	DUPONT	CORIAN SOLID SURFACE	NEUTRAL CONCRETE		COUNTER TOP

ROOM FINISH SCHEDULE								
ROOM NUMBER	ROOM NAME	BASE	FINISH	Wall Finish	Accent_Wall	CEILING	REMARKS	REMARKS
201	SECURITY OFFICE	RB-1	LVT-1	PNT-1				
204	CLASSROOM	ETR/MB-1/RB-2	ETR	ETR/PNT-2/CR-1		ETR		
C206	CORRIDOR	ETR/MB-2	ETR	ETR/PNT-1		ETR/PNT-3		
SV01	SECURED VESTIBULE	ETR/MB-2	ETR	ETR/PNT-1		ETR/PNT-3		



1 ENLARGED NEW WORK SECURITY FINISH PLAN
AF001 1/4" = 1'-0"

DISCLAIMER NOTE	
MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS OF DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED HEREIN.	
ABBREVIATIONS	
ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CONCRETE 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
EXT	EXISTING
FAC/FF	FACTORY FINISH
GW8	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
LVT	LUXURY 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**
- ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
 - WHEN ANY WORK IS PERFORMED ON ANY EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED CORNER TO CORNER, UNLESS NOTED OTHERWISE.
 - 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
[Hatched Box]	= LVT-1

KEY PLAN	
N	

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2023 CAPITAL PROJECTS - PHASE 2A

Project Title



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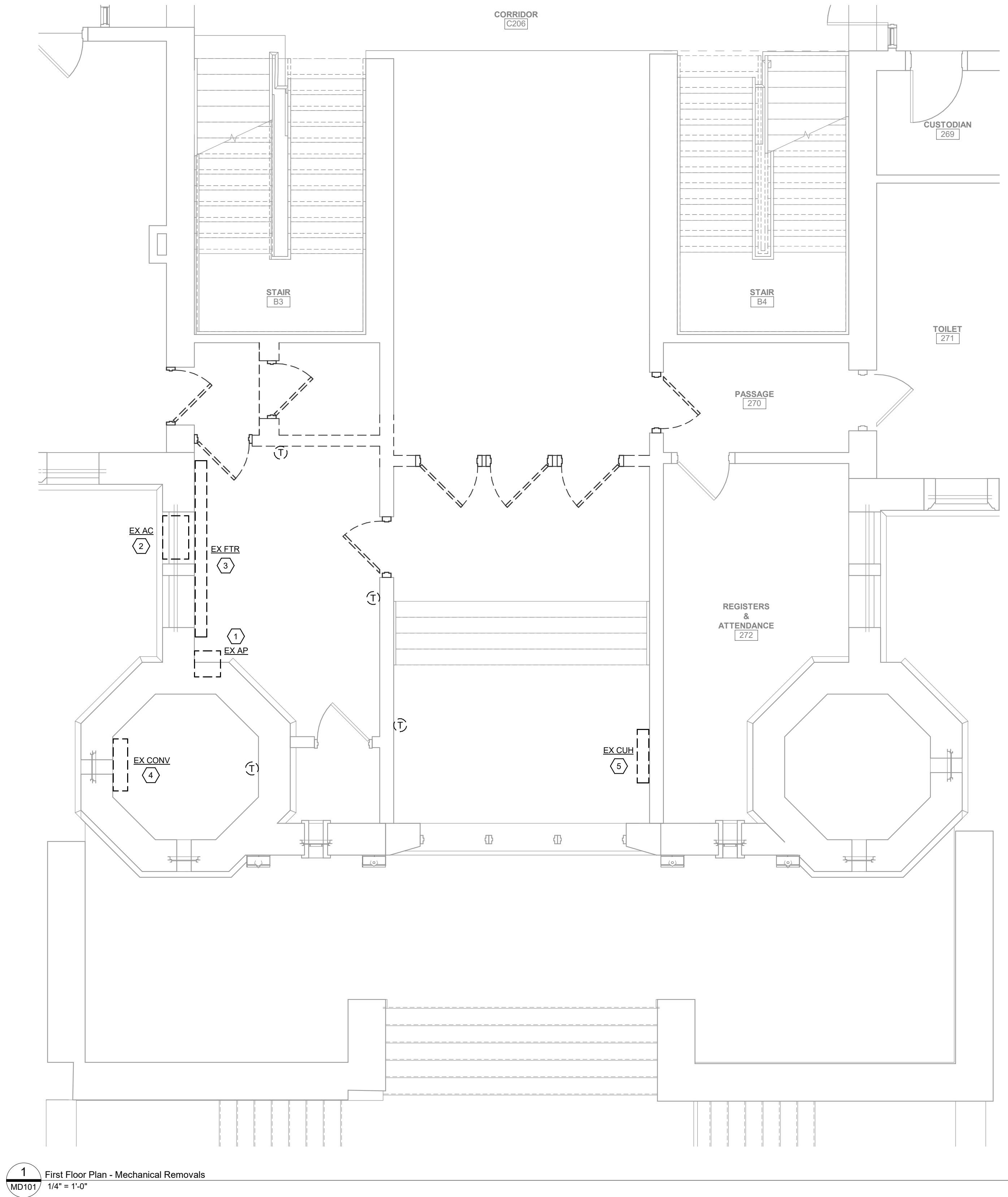
Sheet Title
MATERIAL
SCHEDULE
AND
VESTIBULE
FINISH PLAN

Sheet No.
IEYMS
AF001

CONSTRUCTION DOCUMENTS

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1 First Floor Plan - Mechanical Removals
MD101
1/4" = 1'-0"

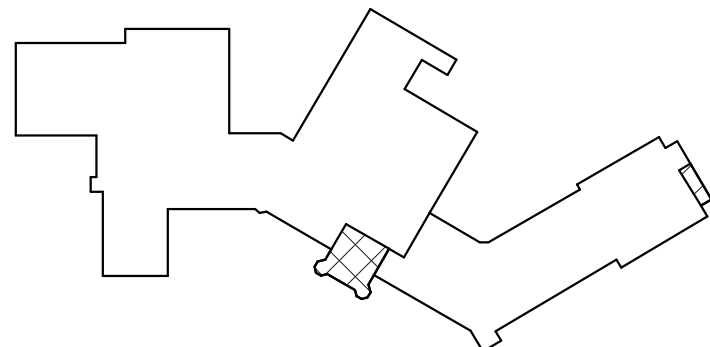
GENERAL REMOVALS NOTES

- REMOVALS INDICATED BY HEAVY DASHED LINE.
- UNLESS NOTED OTHERWISE, ALL ITEMS INDICATED ARE TO BE REMOVED "COMPLETE". REMOVAL SHALL INCLUDE ALL COMPONENTS, DUCTWORK, PIPING, HANGERS, SUPPORTS AND ACCESSORIES, ASSOCIATED WITH THE EQUIPMENT.
- CONTRACTOR IS TO INSPECT EQUIPMENT THAT IS TO BE REUSED AND DETERMINE THAT IT IS COMPLETE AND IN GOOD WORKING ORDER. IF NOT, REPORT FINDINGS TO THE ARCHITECT/ENGINEER.
- EVERY EFFORT HAS BEEN MADE TO INDICATE ALL EQUIPMENT THAT IS TO BE REMOVED THROUGH FIELD OBSERVATIONS. HOWEVER, THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND VERIFY ALL REMOVALS.
- ALL ITEMS BEING REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER FOR FUTURE USE. IF OWNER DECIDES THE ITEMS ARE NOT REUSABLE, THE MECHANICAL CONTRACTOR SHALL DISPOSE OF THEM.
- IF THERE IS A QUESTION REGARDING A REMOVAL, THE CONTRACTOR IS TO VERIFY WITH THE OWNER OR THE OWNER'S REPRESENTATIVE AS TO THE REMOVAL STATUS BEFORE PROCEEDING.
- ALL INTERRUPTIONS OF SERVICE SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER. MECHANICAL SYSTEMS FEEDING FROM OR THROUGH THE CONTRACT AREA SHALL BE MAINTAINED.
- COORDINATE THIS DRAWING WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW WALL AND CEILING WORK.
- COORDINATE THIS PLAN WITH NEW WORK PLAN.

CODED REMOVALS NOTES

- DISCONNECT, REMOVE AND SALVAGE EXISTING AIR PURIFIER AND WALL MOUNTED SHELF.
- DISCONNECT AND REMOVE EXISTING WINDOW A/C UNIT AND TURN OVER TO OWNER.
- DISCONNECT AND REMOVE EXISTING HOT WATER FIN TUBE INCLUDING LOCAL PIPING, VALVES AND CONTROLS. PREPARE EXISTING PIPING FOR CONNECTION WITH NEW WORK.
- DISCONNECT AND REMOVE EXISTING HOT WATER CONNECTOR INCLUDING LOCAL PIPING, VALVES AND CONTROLS. PREPARE EXISTING PIPING FOR CONNECTION WITH NEW WORK.
- DISCONNECT AND REMOVE EXISTING HOT WATER CABINET HEATER INCLUDING LOCAL PIPING, VALVES AND CONTROLS. PREPARE EXISTING PIPING FOR CONNECTION WITH NEW WORK.

KEY PLAN



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

Project Title



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Sheet Title

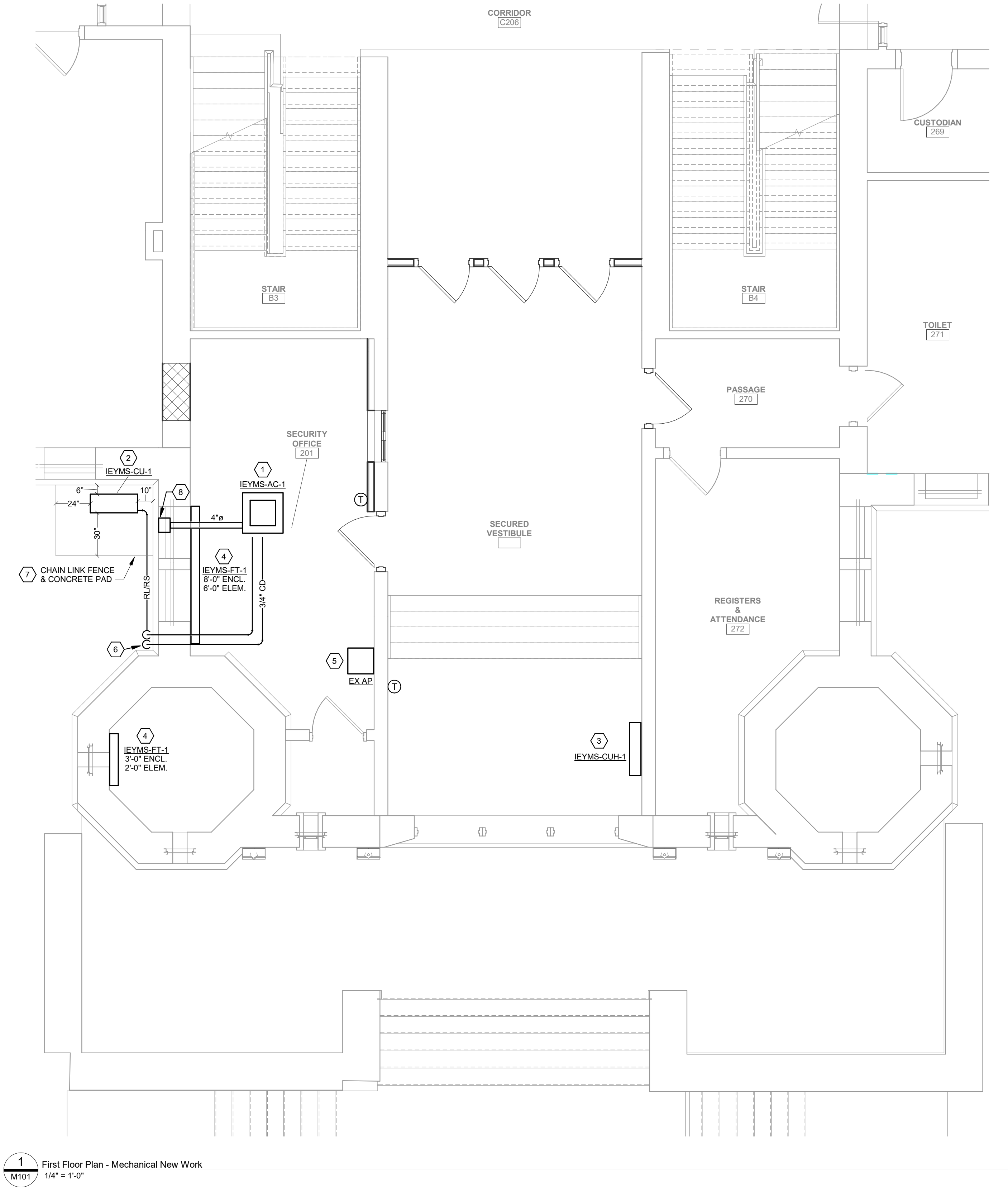
MECHANICAL
REMOVALS
PLAN

Sheet No.

IEYMS
MD101

CONSTRUCTION DOCUMENTS

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1 First Floor Plan - Mechanical New Work
M101
1/4" = 1'-0"

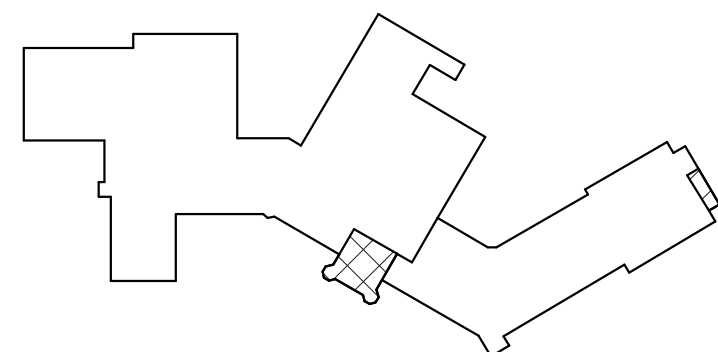
GENERAL NOTES

- CONTRACTOR IS TO INSPECT EQUIPMENT THAT IS TO BE REUSED AND DETERMINE THAT IT IS COMPLETE AND IN GOOD WORKING ORDER. IF NOT, REPORT FINDINGS TO THE ARCHITECT/ENGINEER.
- EVERY EFFORT HAS BEEN MADE TO TO VERIFY CLEARANCE OF NEW INSTALLATIONS THROUGH FIELD OBSERVATIONS; HOWEVER, THE CONTRACTOR IS TO VERIFY ALL JOB INSTALLATIONS PRIOR TO PROVIDING NEW WORK.
- ALL ITEMS BEING REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER FOR FUTURE USE. IF OWNER DECIDES THE FIXTURES ARE NOT REUSABLE, THE MECHANICAL CONTRACTOR SHALL DISPOSE OF THEM.
- IF THERE IS A QUESTION REGARDING EXISTING MECHANICAL SYSTEMS THE CONTRACTOR IS TO VERIFY WITH THE OWNER OR THE OWNER'S REPRESENTATIVE AS TO THE STATUS BEFORE PROCEEDING.
- ALL INTERRUPTIONS OF SERVICE SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER. MECHANICAL SYSTEMS FEEDING FROM OR THROUGH THE CONTRACT AREA SHALL BE MAINTAINED.
- COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
- COORDINATE THIS DRAWING WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW WALL AND CEILING WORK.
- COORDINATE THIS PLAN WITH REMOVAL PLAN.
- ALL EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS, AND PIPING SHOWN WITH LIGHT LINE WEIGHT IS EXISTING TO REMAIN.
- PROVIDE ACCESS DOORS AT ALL FIRE AND FIRE/SMOKE DAMPERS FOR SERVICE.

CODED NOTES

- PROVIDE DUCTLESS CEILING CASSETTE HEAT PUMP UNIT PER SCHEDULE.
- PROVIDE HEAT PUMP CONDENSING UNIT ON GRADE PER SCHEDULE. PROVIDE REFRIGERANT LINES BETWEEN CONDENSING UNIT AND INDOOR CASSETTE SIZED PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE WALL HUNG HOT WATER CABINET HEATER PER SCHEDULE. PROVIDE HWS & HWR, VALVES AND CONTROLS. CONNECT TO EXISTING PIPING.
- PROVIDE NEW HOT WATER FIN TUBE RADIATION IN SAME LOCATION AS REMOVED FIN/CONVECTOR. PROVIDE HWS & HWR, VALVES AND CONTROLS. CONNECT TO EXISTING PIPING.
- REINSTALL SALVAGED AIR PURIFIER AND WALL MOUNTED SHELF IN NEW LOCATION.
- PROVIDE CONDENSATE PIPE DOWN EXTERIOR OF BUILDING AND TERMINATE WITH A 45° ELBOW AWAY FROM BUILDING AT 12" ABOVE GRADE.
- PROVIDE CONCRETE PAD PER DETAILS. PROVIDE 4" HIGH BLACK CHAIN LINK FENCE AROUND ENTIRE CONCRETE PAD. PROVIDE 36" WIDE GATE IN FENCE. CONCRETE PAD SHALL EXTEND PAST FENCE.
- PROVIDE OUTDOOR AIR INTAKE WALL CAP IN PANEL ABOVE WINDOW.

KEY PLAN



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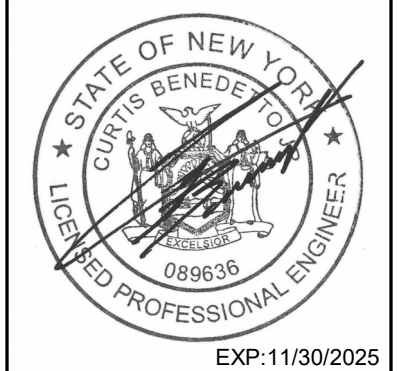
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Sheet Title

MECHANICAL
NEW WORK
PLAN

Sheet No.

IEYMS
M101

CONSTRUCTION DOCUMENTS

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Albany, NY 12205
518.453.9431 | GPINET.COM

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

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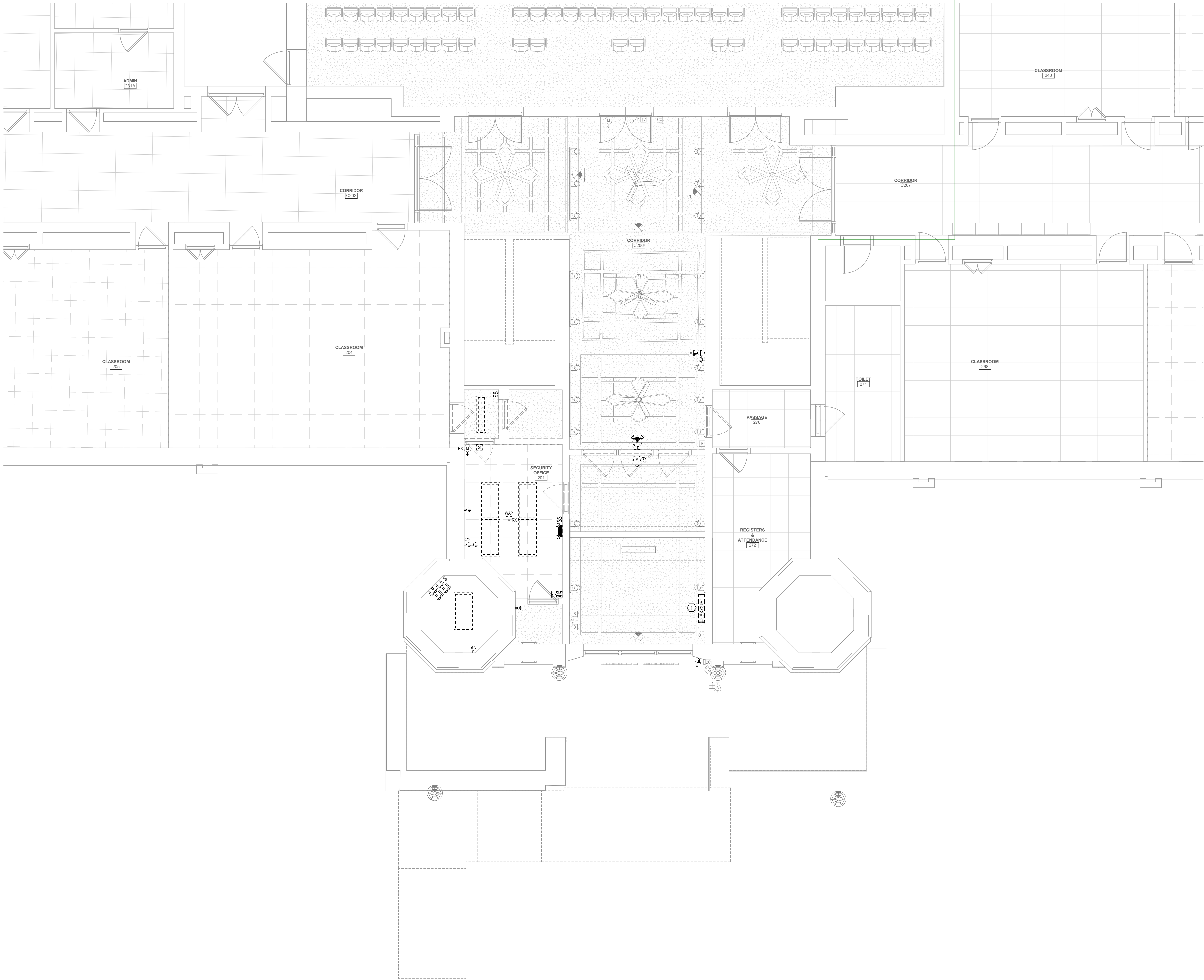
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Sheet Title

ELECTRICAL LEGEND AND ABBREVIATIONS

Sheet No. IEYMS
E001

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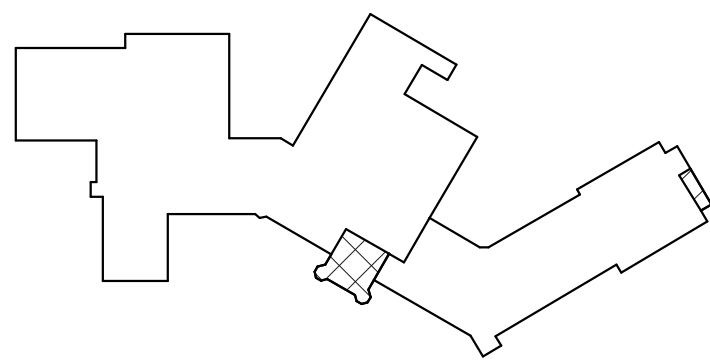


1 FIRST FLOOR ELECTRICAL PLAN
ED101 1/4" = 1'-0"

- GENERAL NOTES**
- A. **SCOPE:** ELECTRICAL REMOVALS PLAN INDICATES GENERAL SCOPE OF ELECTRICAL REMOVALS WORK, BUT DOES NOT SHOW ALL ELEMENTS OF SAME. PROVIDE ALL ELECTRICAL DISCONNECTIONS AND REMOVALS WORK INDICATED ON DRAWINGS. REQUIRED BY THE SPECIFICATIONS, AND THAT ARE REASONABLY REQUIRED FOR SUCCESSFUL PROJECT COMPLETION.
- B. **LIGHT/GRAY LINES:** INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- C. **BLACK DASHED LINES:** REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BLACK DASHED LINES UNLESS INDICATED OTHERWISE. REMOVE ALL ASSOCIATED WIRING AND ALL WIRING WHICH IS OR WILL NO LONGER BE IN USE. REMOVE ALL EXISTING CONDUITS, BOXES, STRAPS, ETC. WHICH WILL NO LONGER BE IN USE.
- D. **"X":** INDICATES RELOCATE EXISTING ELECTRICAL ITEM. SEE DRAWING E101 FOR CORRESPONDING NEW LOCATION.
- E. **EXISTING BRANCH CIRCUITS DISCONNECTED:** RETAIN EXISTING 120V AND 208V BRANCH CIRCUITS BEING DISCONNECTED AS PART OF REQUIRED ELECTRICAL REMOVALS WORK IF REUSE IS INDICATED ON DWGS. E101 OR E102, OR OTHERWISE REQUIRED. FOR EACH SUCH EXISTING CIRCUIT NOT BEING REUSED, REMOVE IT COMPLETE BACK TO SOURCE.

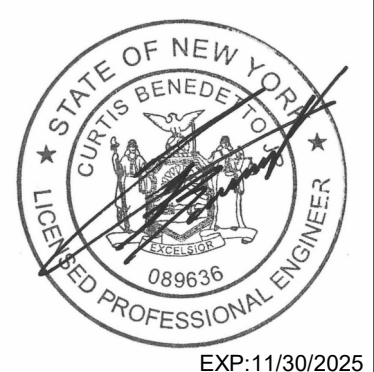
- KEYED NOTES**
- 1 DISCONNECT EXISTING 120V CABINET UNIT HEATER FOR REMOVAL. REMOVE CIRCUIT BACK TO SOURCE.

KEY PLAN



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

Project Title



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Sheet Title
FIRST FLOOR
ELECTRICAL
REMOVALS
PLAN

Sheet No.
IEYMS
ED101

CONSTRUCTION DOCUMENTS

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518-463-8866 www.csarch.com

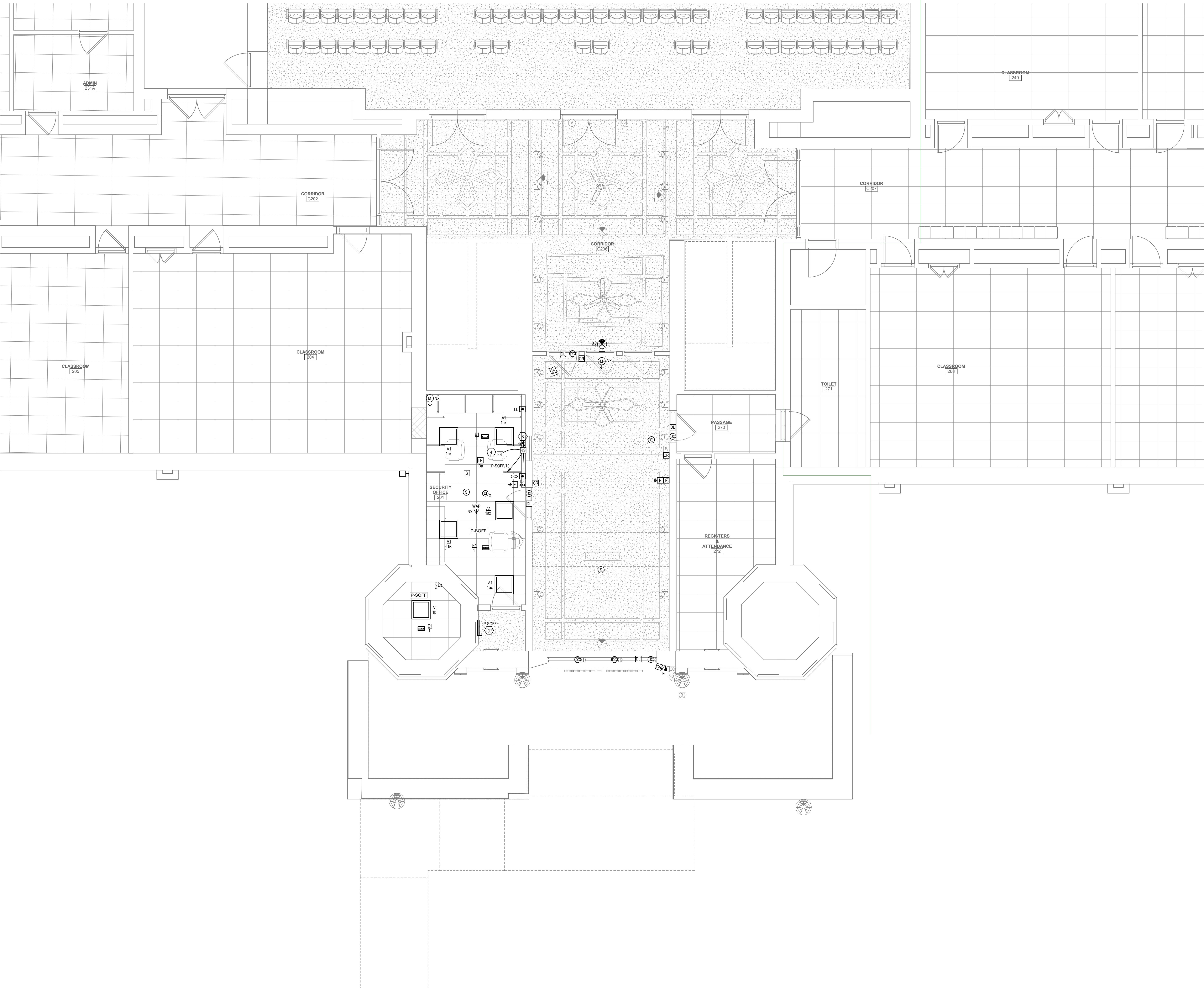
GPI
Greenman-Pedersen, Inc.
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Syosset, NY 11791
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1 FIRST FLOOR LIGHTING AND SYSTEMS PLAN
1/4" = 1'-0"



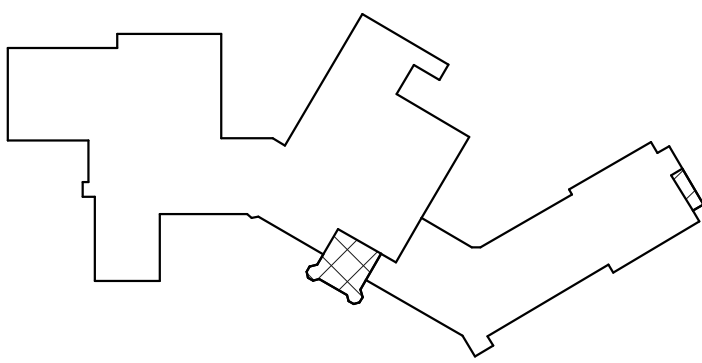
GENERAL NOTES

- LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
- "NX" INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL, EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
- "EX" INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED IN ROOM VICINITY). EXTEND CIRCUITING AS REQUIRED.
- BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2" C, 2#12 & 1#12G OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 260501, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- FIRE ALARM INITIATING DEVICES: CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- FIRE ALARM NOTIFICATION DEVICES: CONNECT TO EXISTING FIRE ALARM NOTIFICATION CIRCUIT(S) IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- SECURITY SYSTEMS DEVICES/STATIONS: FOR EACH, PROVIDE MINIMUM 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BUSH CONDUIT STUB AND PROVIDE NYLON PULL STRING. CONFIRM REQUIRED OUTLET BOX SIZE WITH OWNER'S SELECTED SECURITY SYSTEMS VENDOR AND PROVIDE BIGGER OR SPECIAL OUTLET BOX IF REQUIRED. SECURITY DEVICE/STATION AND REQUIRED CABLEING TO BE PROVIDED SEPARATELY BY OWNER'S SELECTED SECURITY SYSTEMS CONTRACTOR/VENDOR. COORDINATE ALL WORK AS REQUIRED.

KEYED NOTES

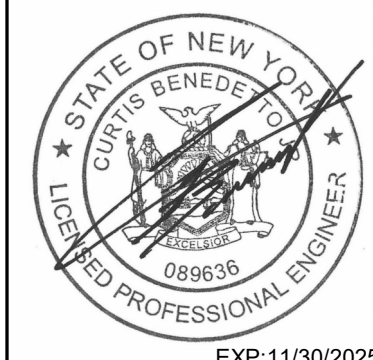
- 120/208V, 3Ø, 4W, 100A PANELBOARD. SEE SCHEDULE ON DWG. E102.
- 1-1/2" C, 4#2 & 1#6G FEEDER TO EXISTING DISTRIBUTION PANEL PCCC ON GROUND FLOOR BELOW. FIELD ROUTE AS REQUIRED.
- CONNECT ROLLING COUNTER FIRE SHUTTER OPERATOR TO INDICATED 120V, 20A CIRCUIT. PROVIDE 125V, 1-POLE TOGGLE SWITCH. DISCONNECT FOR SHUTTER OPERATOR. PROVIDE OUTLET BOX FOR AND INSTALL REMOTE. OPEN/CLOSE/STOP PUSHBUTTON STATION FURNISHED BY DIV. 8 AND 1/2" C FROM SHUTTER OPERATOR TO PUSHBUTTON STATION OUTLET BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.
- FIRE ALARM RELAY MODULE FOR ROLLING COUNTER FIRE SHUTTER RELEASE. CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY, AND TO SHUTTER RELEASE MECHANISM. PROGRAM EXISTING FACP SO THAT SHUTTER RELEASES AND CLOSES UPON ACTIVATION OF EITHER OR BOTH NEARBY SMOKE DETECTORS (ONE IN SECURITY OFFICE AND NEAREST ONE IN ADJACENT LOBBY).

KEY PLAN



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

Project Title



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Sheet Title

FIRST FLOOR
LIGHTING AND
SYSTEMS PLAN

Sheet No.

IEYMS
E101

CONSTRUCTION DOCUMENTS



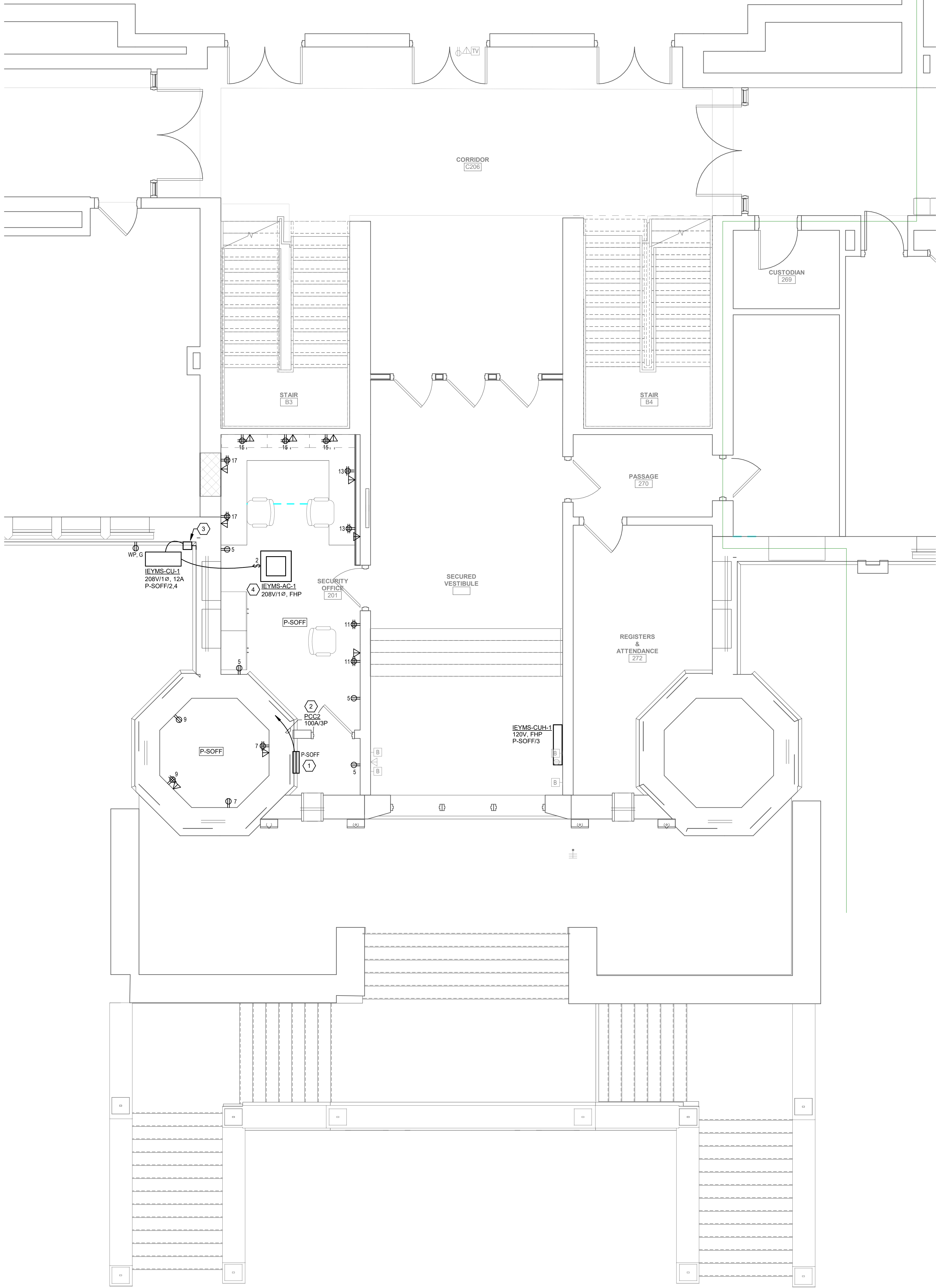
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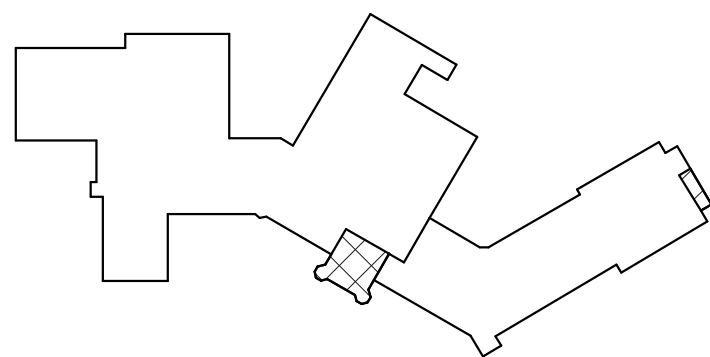
Branch Panel: P-SOFF												
Location: Supply From: PANEL PCC2				Volts: 120/208 Wye				A.I.C. Rating: 22,000A				
Mounting: Surface				Phases: 3				Mains Type: MLO				
Enclosure: Type 1				Wires: 4				Mains Rating: 125 A				
More Info:												
CKT	LOAD DESCRIPTION	WIRE...	TRIP	POLES	A	B	C	POLES	TRIP	WIRE...	LOAD DESCRIPTION	CKT
1	LIGHTS - SECURITY OFFICE	#12	20 A	1	0.2 kVA 1.4 kVA			2	20 A	#10	SPLIT A/C SYSTEM - SECURITY OFFICE	4
3	CABINET HEATER - SECURITY OFFICE	#12	20 A	1		0.1 kVA 1.4 kVA						2
6	RECEPT - SECURITY OFFICE(S) & CLOSET	#12	20 A	1			0.8 kVA 0.0 kVA	2	20 A		SPARE	6
7	RECEPT - HEX ROOM	#12	20 A	1	0.6 kVA 0.0 kVA			--	--	--		8
9	RECEPT - HEX ROOM	#12	20 A	1		0.6 kVA 0.1 kVA		1	20 A	#12	SECURITY OFFICE ROLLING SMOKE DOOR	10
11	RECEPT - SECURITY OFFICE (SE)	#12	20 A	1			0.8 kVA 0.0 kVA	1	20 A		SPARE	12
13	RECEPT - SECURITY OFFICE (NE)	#12	20 A	1	0.8 kVA 0.0 kVA			1	20 A		SPARE	14
15	RECEPT - SECURITY OFFICE (NORTH)	#12	20 A	1		1.2 kVA 0.0 kVA		1	20 A		SPARE	16
17	RECEPT - SECURITY OFFICE (NW)	#12	20 A	1			0.8 kVA 0.0 kVA	1	20 A		SPARE	18
19	SPARE	20 A	1	0.0 kVA 0.0 kVA				1	20 A		SPARE	20
21	SPARE	20 A	1		0.0 kVA 0.0 kVA			1	20 A		SPARE	22
23	SPARE	20 A	1			0.0 kVA 0.0 kVA		1	20 A		SPARE	24
25	SPARE	20 A	1	0.0 kVA 0.0 kVA				1	20 A		SPARE	26
27	SPARE	20 A	1		0.0 kVA 0.0 kVA			1	20 A		SPARE	28
29	SPARE	20 A	1			0.0 kVA 0.0 kVA		1	20 A		SPARE	30
31	SPACE	--	1	--	--			1	--		SPACE	32
33	SPACE	--	1	--	--	--		1	--		SPACE	34
35	SPACE	--	1	--	--	--	--	1	--		SPACE	36
37	SPACE	--	1	--	--	--	--	1	--		SPACE	38
39	SPACE	--	1	--	--	--	--	1	--		SPACE	40
41	SPACE	--	1	--	--	--	--	1	--		SPACE	42



- GENERAL NOTES**
- A. LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- B. SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
- C. "X": INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL. EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
- D. "EX": INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED) IN ROOM/VICINITY. EXTEND CIRCUITING AS REQUIRED.
- E. BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2" C, 2#12 & 1#12G OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 200501, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- F. TELECOM OUTLETS: FOR EACH, PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. TEAM AND BUSH CONDUIT STUDS AND PROVIDE NYLON PULL STRING. TELECOM CABLING AND JACK(S) TO BE PROVIDED SEPARATELY BY OWNER OR OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.

- KEYED NOTES**
- 1 120/208V, 3Ø, 4W, 100A PANELBOARD. SEE SCHEDULE ON THIS DWG.
- 2 1-1/2" C, 4#2 & 1#6G FEEDER TO EXISTING DISTRIBUTION PANEL PCC2 ON GROUND FLOOR BELOW. FIELD ROUTE AS REQUIRED.
- 3 250V, 3Ø/2P, NON-FUSED, NEMA-3R SAFETY SWITCH DISCONNECT.
- 4 MAKE 208V/1Ø CONNECTION TO RESPECTIVE OUTDOOR A/C UNIT.

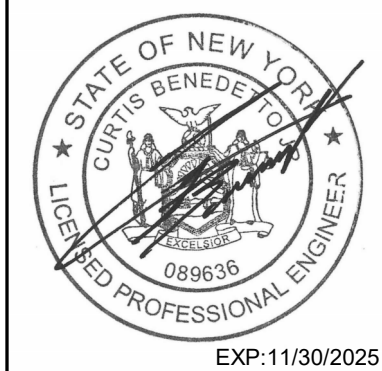
KEY PLAN



1 FIRST FLOOR POWER AND TELECOM PLAN
E102
1/4" = 1'-0"

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

Project Title



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FIRST FLOOR
POWER AND
TELECOM
PLAN

Sheet No.

IEYMS
E102

CONSTRUCTION DOCUMENTS

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