

# CITY SCHOOL DISTRICT OF NEW ROCHELLE

## WILLIAM B. WARD ELEMENTARY SCHOOL

### 2023 CAPITAL PROJECT - PHASE 1



WILLIAM B. WARD ELEMENTARY SCHOOL - 311 BROADFIELD RD. NEW ROCHELLE, NY 10804

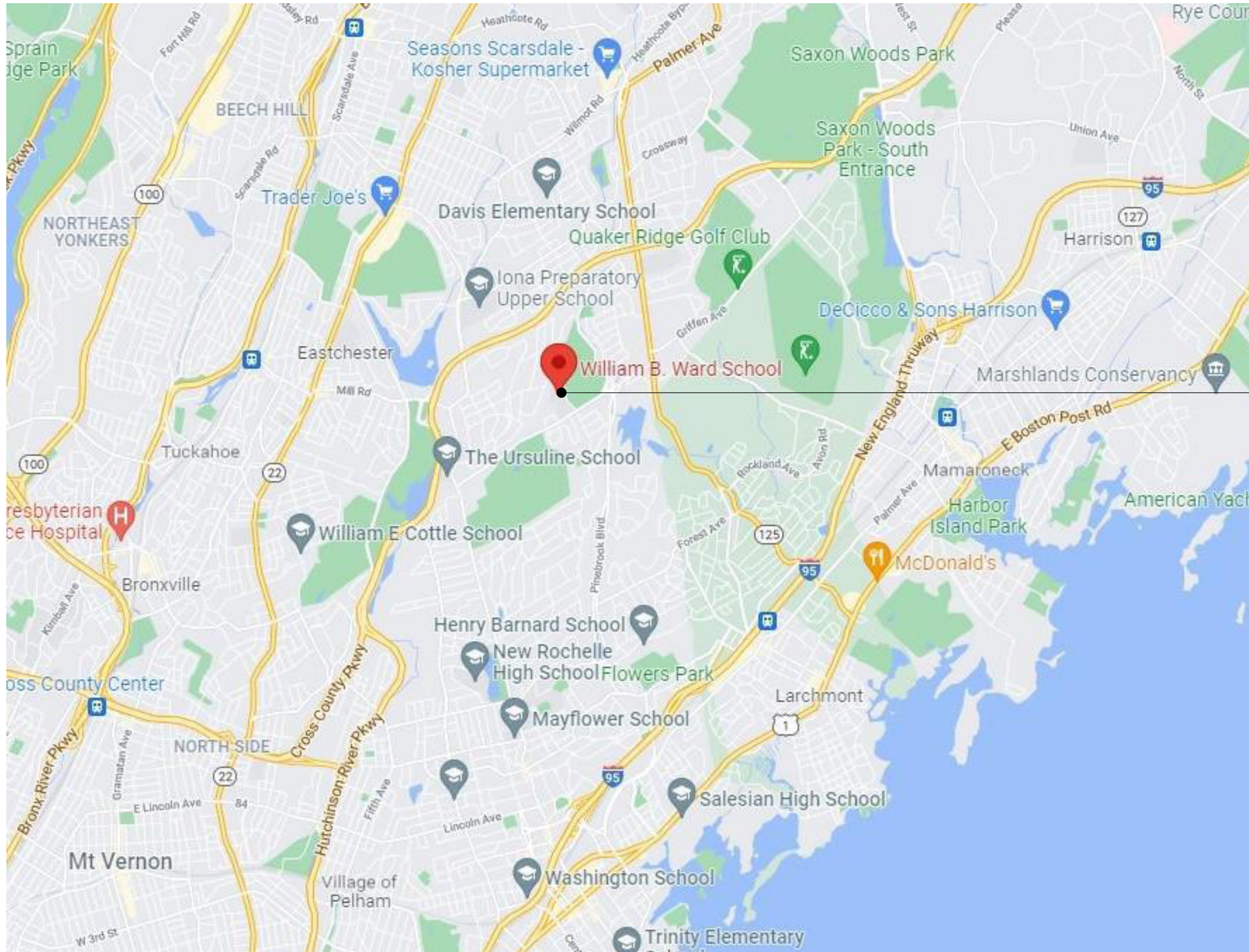
**ISSUED FOR BID: 10/29/2024**



**CSARCH** - ARCHITECTS  
PASSERO ASSOCIATES - CIVIL ENGINEER  
GREENMAN - PEDERSEN, INC. - MEP & STRUCTURAL ENGINEER

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:  
2023 CAPITAL PROJECT - PHASE 1      66-11-00-01-0-013-016  
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.

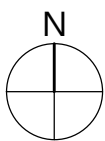
CSArch PROJECT NO. 188.2301.00



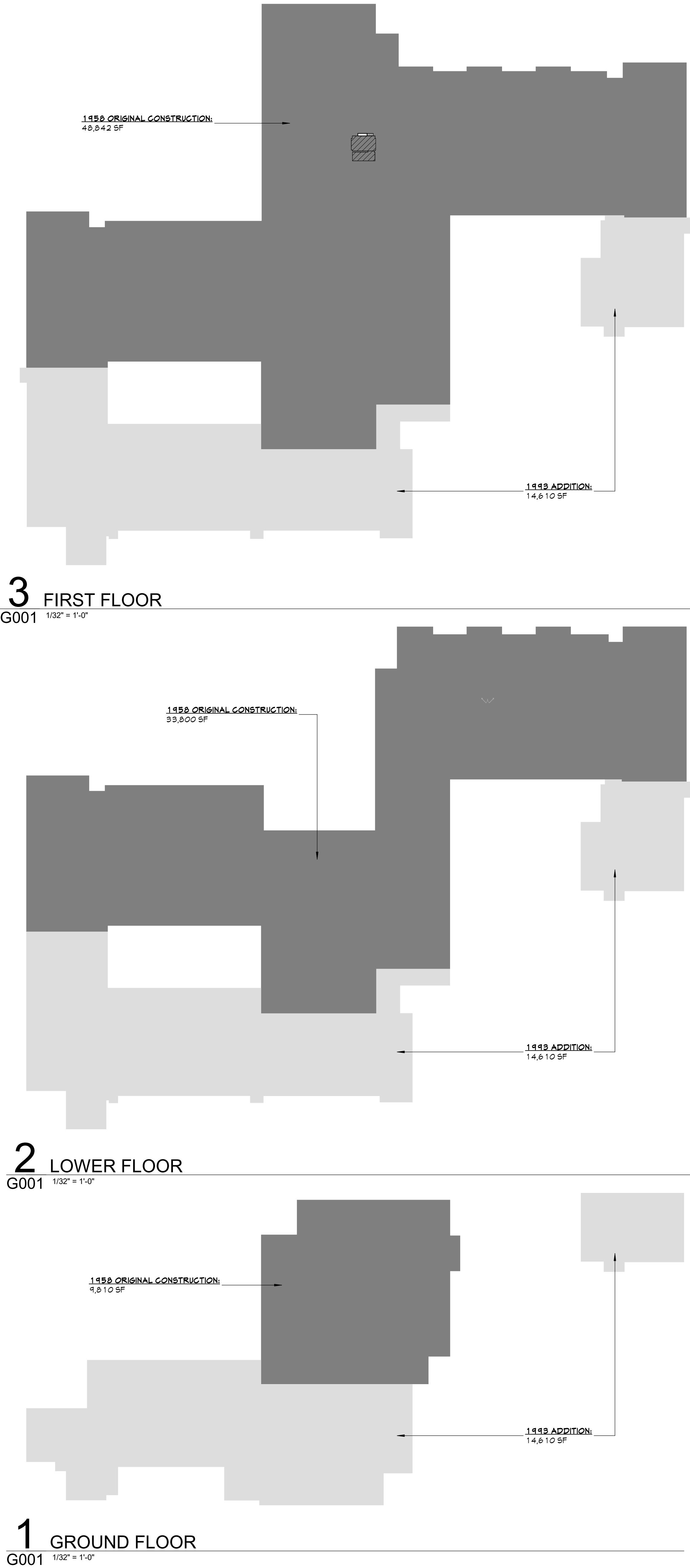
WILLIAM B. WARD  
ELEMENTARY  
SCHOOL

DRAWING LIST - VOLUME 5

GENERAL DRAWINGS	
G000	COVER
G001	SYMBOLS, ABBREVIATIONS, AND MISC
G101	OVERALL GROUND FLOOR PLAN
G111	OVERALL LOWER FLOOR PLAN
G121	OVERALL FIRST FLOOR PLAN
G401	OVERALL ROOF PLAN
LIFE SAFETY DRAWINGS	
LS101	GROUND FLOOR LIFE SAFETY PLAN
LS111	LOWER LEVEL LIFE SAFETY PLAN
LS121	FIRST FLOOR LIFE SAFETY PLAN
LS131	SMOKE ZONE FLOOR PLANS
ARCHITECTURAL DEMOLITION DRAWINGS	
AD113	AREA 'A' - PARTIAL FIRST FLOOR DEMO PLAN
STRUCTURAL DRAWINGS	
S001	GENERAL NOTES, LEGENDS & ABBREVIATIONS
S002	SPECIAL INSPECTIONS
S101	SECURITY VESTIBULE PLANS AND DETAILS
S501	DETAILS
ARCHITECTURAL DRAWINGS	
A113	AREA 'A' - PARTIAL FIRST FLOOR PLAN
A200	EXTERIOR ELEVATIONS
A301	WALL SECTIONS & DETAILS
A352	PLAN DETAILS
A401	AREA 'A' PARTIAL ROOF PLAN AND DETAILS
A600	ENLARGED ADDITION PLAN
A901	DOOR SCHEDULE, ELEVATIONS, AND DETAILS
ARCHITECTURAL FINISH DRAWINGS	
AF113	FINISH PLAN & MATERIAL SCHEDULE
MECHANICAL GENERAL DRAWINGS	
M001	MECHANICAL LEGENDS, DETAILS AND SCHEDULES
MECHANICAL DEMOLITION DRAWINGS	
MD101	MECHANICAL REMOVALS PLAN
MECHANICAL DRAWINGS	
MT01	MECHANICAL NEW WORK PLAN
ELECTRICAL GENERAL DRAWINGS	
E001	ELECTRICAL LEGEND AND ABBREVIATIONS
ELECTRICAL DEMOLITION DRAWINGS	
ED101	FIRST FLOOR AREA A/B ELECTRICAL REMOVALS PLAN
ELECTRICAL DRAWINGS	
E101	FIRST FLOOR AREA A/B ELECTRICAL NEW WORK PLAN







ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFP	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOF OR B/	BOTTOM OF BASEMENT
BSMT	
C-J	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
DWS	DRAWING
ED	EDUCATION
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
ELEV	ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUIPMENT
EXST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FIN	FINISH
FIN FL	FINISH FLOOR
FIXT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDANT-TREATED MATERIAL
FTG	FOOTING
G	GROUND
GA	GAUGE
GAL	GALLON(S)
GALV	GALVANIZE(D)
GC	GENERAL CONTRACTOR
GMB	GYPSUM WALL BOARD
GMB5	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
LN	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 OPENINGS
MTL	METAL
NA	NOT APPLICABLE
NC	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	PREPARED
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
SH	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
T&B	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
VEST	VESTIBULE
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WST	WEIGHT
YD	YARD

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
	ROOM NUMBER
	AREA OF ROOM
	DOOR NUMBER, REFER TO A100 DRAWINGS
	WINDOW TAG, REFER TO A100 DRAWINGS
	BORROWED LIGHT NUMBER, REFER TO A100 DRAWINGS
	STOREFRONT / CURTAIN WALL NUMBER, REFER TO A100 DRAWINGS
	COLUMN GRID DESIGNATION
	PARTITION TAG, REFER TO A100 DRAWINGS
	HOURLY RATING OF PARTITION
	REVISION NUMBER
	KEY NOTE, NEW WORK
	KEY NOTE, DEMOLITION WORK
	ELEVATION TAG
	HANDICAPPED ACCESSIBLE ELEMENT OR FIXTURE

DETAIL INDICATOR LEGEND

	SECTION INDICATOR
	DETAIL INDICATOR (SECTION)
	ENLARGED DETAIL INDICATOR
	DETAIL TITLE
	EXTERIOR ELEVATION INDICATOR
	INTERIOR ELEVATION INDICATOR

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

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 DIMENSIONS. 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 H DINGS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
- FOR INTERIOR PARTITION TYPES, REFER TO DRAWING A101.
- FOR DOOR SCHEDULE, REFER TO DRAWING A101.
- FOR FINISH SCHEDULE, REFER TO DRAWING A101.
- 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.

PARTITION NOTES

PARTITION TYPE NUMBER		FIRE RATING HOUR	
NOM. CMU SIZE	BTG RATING	FIRE RATING	SIDE ONE FINISH
			TEST DESIGN SIDE TWO FINISH
GENERAL PARTITION NOTES			
THIS PARTITION TYPE SCHEDULE IS GENERIC IN NATURE. NOT ALL OF THE PARTITION TYPES ILLUSTRATED ON THIS SHEET HAVE BEEN UTILIZED IN THIS PROJECT. SEE FLOOR PLANS FOR LOCATIONS OF PARTITION TYPES USED.			
ALL INTERIOR PARTITIONS INDICATED ON THE FLOOR PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY PARTITION SHOWN ON THE FLOOR PLANS WITHOUT A PARTITION TAG. THE ARCHITECT WILL DETERMINE THE PARTITION TYPE TO BE USED AT SUCH LOCATIONS.			
FIRE RATED SYSTEMS			
PROVIDE FIRE RATED JOINT SYSTEMS AT ALL INTERSECTIONS OF FIRE RATED PARTITION ASSEMBLIES AND FIRE RATED FLOOR/ROOF ASSEMBLIES. THE FIRE RATED JOINT SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE PARTITION IN WHICH IT IS BEING USED. THIS JOINT SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.			
PROVIDE THROUGH-PENETRATION FIRE STOP SYSTEM AT ALL PENETRATIONS THROUGH FIRE RATED PARTITION, FLOOR AND ROOF ASSEMBLIES. THE THROUGH-PENETRATION FIRE STOP SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE ASSEMBLY IN WHICH IT IS BEING USED. THIS FIRE STOP SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.			
ANY PRODUCT THAT EMITS ODOR MUST MEET THE REQUIREMENTS OF THE NEW YORK STATE EDUCATION DEPARTMENT.			
CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL, OR FIRE-STOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY, OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION.			
ALL PARTITION TYPE DIAGRAMS ARE GRAPHICAL IN NATURE. IN THE CASE WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE-RATED PARTITION, THE PARTITION TYPE DESCRIPTION GOVERNS.			
CMU WALL SYSTEMS			
ALL PLAN DIMENSIONS ARE TO FACE OF CMU, UNLESS NOTED OTHERWISE.			
PROVIDE HORIZONTAL JOINT REINFORCEMENT EVERY OTHER CMU COURSE.			
PROVIDE VERTICAL REINFORCEMENT IN FULLY GROUTED CORES AT THE FOLLOWING LOCATIONS:			
A. PARTITION INTERSECTIONS (REINFORCE FULL HEIGHT)			
B. DOOR OPENINGS (REINFORCE FULL HEIGHT OF DOOR)			
C. WINDOW OPENINGS (REINFORCE FLOOR TO WINDOW HEAD)			
D. WALL ENDS (REINFORCE FULL HEIGHT)			
SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REINFORCING AND ANCHORING REQUIREMENTS.			
PROVIDE BULLNOSE MASONRY UNITS ON ALL OUTSIDE CORNERS OF WALLS UNLESS NOTED OTHERWISE.			
METAL STUD PARTITION AND CEILING SYSTEMS			
ALL DIMENSIONS ARE TO THE FACE OF METAL STUD, UNLESS NOTED OTHERWISE.			
PROVIDE METAL BRACING AT THIRD POINTS AT THE INTERIOR OF METAL STUD CHASE PARTITIONS. BRACING SHALL NOT EXCEED 48" OC.			
PROVIDE METAL L.G. BEAD, BACKER ROD AND SEALANT AT THE INTERSECTION OF GYP BD PARTITIONS AND MASONRY PARTITIONS.			
PROVIDE ACOUSTICAL SEALANT IN THE FOLLOWING LOCATIONS:			
A. PERIMETER OF PARTITIONS			
B. RUNNERS			
C. ELECTRICAL OUTLETS			
D. PARTITION PENETRATIONS AND OPENINGS			
PROVIDE BLOCKING WITHIN PARTITIONS TO SUPPORT PARTITION MOUNTED EQUIPMENT, FIXTURES AND ACCESSORIES. COORDINATE WITH CABINETRY DETAILS AND MEP DRAWINGS.			
ALL INTERIOR METAL STUDS AND METAL FURRING AT PARTITIONS ARE 20 GAUGE UNLESS OTHERWISE NOTED. ALL INTERIOR METAL STUDS AND FURRING FOR CEILING SOFFITS ARE 25 GAUGE UNLESS NOTED OTHERWISE.			
ANCHOR INSULATION TO STUD SYSTEM WITH WIRE SUPPORT SYSTEM IF INSULATION IS NOT SUPPORTED ON BOTH SIDES BY GYPSUM BOARD. WHERE DOUBLE STUD PARTITIONS ARE USED TO FORM CHASE PARTITIONS ONLY PROVIDE SOUND ATTENUATION BLANKETS ON ONE SIDE OF CHASE.			
GYPSUM BOARD SCHEDULE			
- 5/8" TYPE 'X' GYPSUM BOARD UNLESS NOTED OTHERWISE.			
- CORRIDOR AND STUDENT OCCUPIED SPACES FROM FLOOR TO 8'-0" ABOVE FINISHED FLOOR:			
5/8" TYPE 'X' ABUSE RESISTANT GYPSUM BOARD			
- SUSPENDED GYPSUM BOARD CEILINGS: 5/8" TYPE 'X' 5/8" RESISTANT GYPSUM BOARD			
- EXTERIOR CEILINGS AND SOFFITS: 5/8" GLASS-MAT GYPSUM SHEATHING			
- PARTITIONS TO RECEIVE TILE FINISH: 5/8" TYPE 'X' GLASS-MAT WATER RESISTANT BACKING BOARD			
- TOILET ROOMS, KITCHENS & JANITOR CLOSETS: PARTITIONS & CEILINGS THAT DO NOT RECEIVE TILE SHALL RECEIVE 5/8" TYPE 'X' MOISTURE & MOLD RESISTANT GYPSUM BOARD			
MAXIMUM SPACING - GYPSUM BOARD CONTROL JOINTS			
CONSTRUCTION AND LOCATION	DIMENSION	MAX SINGLE FEET	MAX SINGLE AREA FEET
PARTITION - INTERIOR	30		-
CEILING - INTERIOR			
W/ PERIMETER RELIEF	50		2500
W/O PERIMETER RELIEF	30		400

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City School District of New Rochelle  
William B. Ward Elementary School  
2023 Capital Project - Phase 1

Project Title

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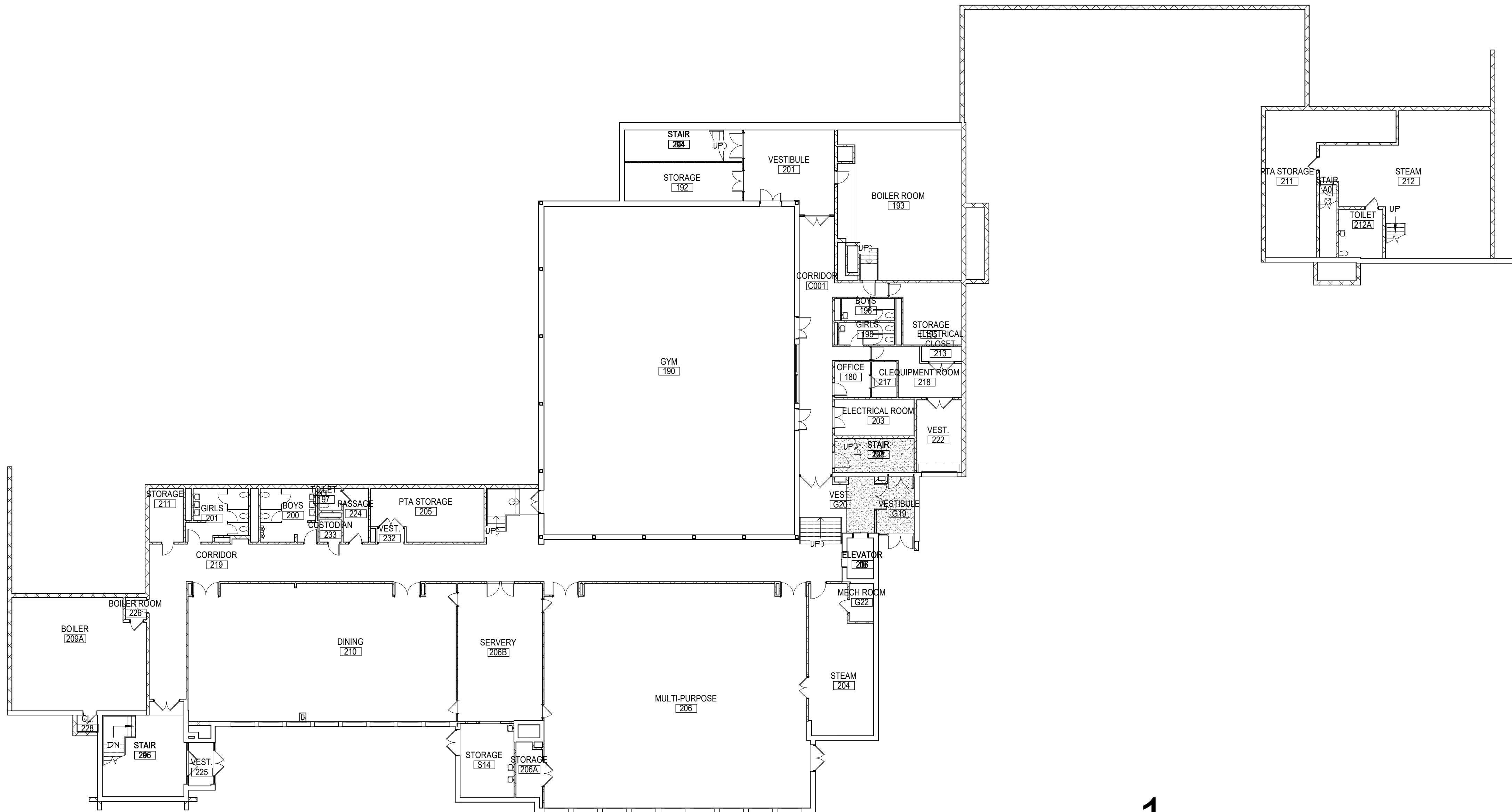
SYMBOLS, ABBREVIATIONS, AND MISC

Sheet No. WBW G001  
CONSTRUCTION DOCUMENTS

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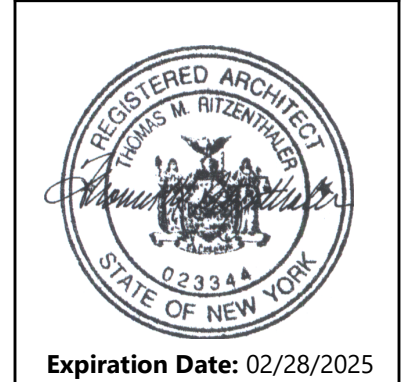
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**1** OVERALL GROUND FLOOR PLAN  
G101 1/16" = 1'-0"

Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
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Sheet Title  
OVERALL  
GROUND  
FLOOR PLAN

Sheet No.  
WBW  
G101  
CONSTRUCTION DOCUMENTS



	DATE	DESCRIPTION



1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES
2. REFER TO A200 SERIES DRAWINGS FOR EXTERIOR ELEVATIONS, ADDITIONAL INFORMATION ON MASONRY SCOPE.
3. REFER TO A300 FOR WALL AND PLAN SECTIONS.
4. REFER TO A600 SERIES DRAWINGS FOR ENLARGED PLANS, INTERIOR ELEVATIONS, RCP, RCP NOTES, AND SECURITY PARTITION INFORMATION.
5. REFER TO A900 SERIES DRAWINGS FOR DOOR, WINDOW DETAILS AND NOTES.
6. REFER TO AF SERIES DRAWINGS FOR FINISH PLANS, SCHEDULES, AND ADDITIONAL NOTES.

#	DESCRIPTION
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Sheet Title

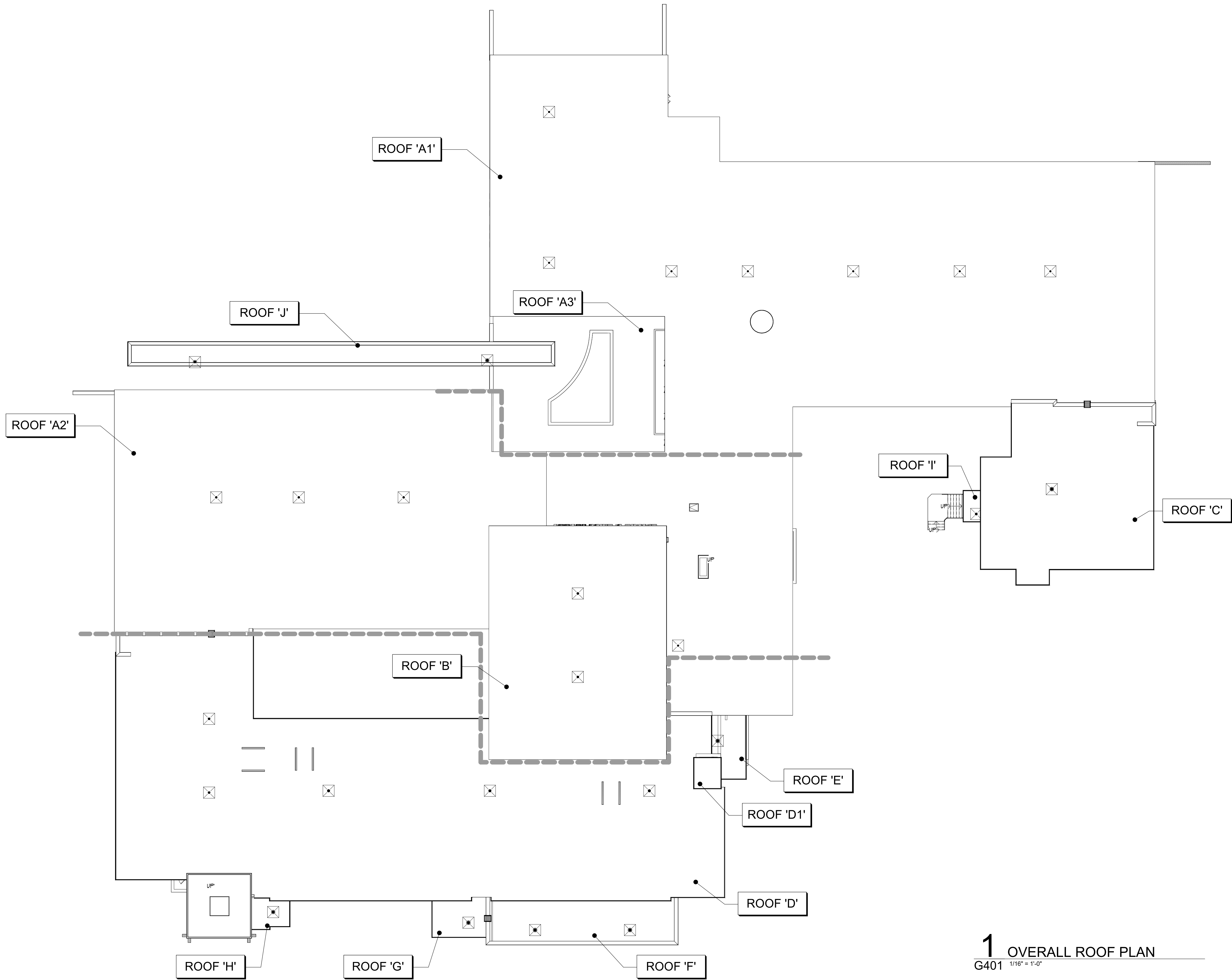
OVERALL FIRST  
FLOOR PLAN

Sheet No. WBW  
G121

CONSTRUCTION DOCUMENTS



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**1** OVERALL ROOF PLAN  
G401 1/16" = 1'-0"

#### GENERAL NOTES

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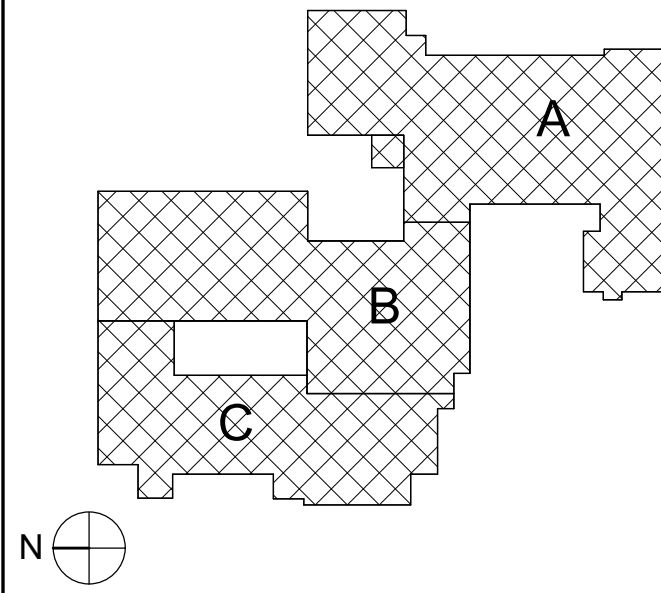
OVERALL  
ROOF PLAN

Sheet No.

WBW  
G401

CONSTRUCTION DOCUMENTS

#### KEY PLAN



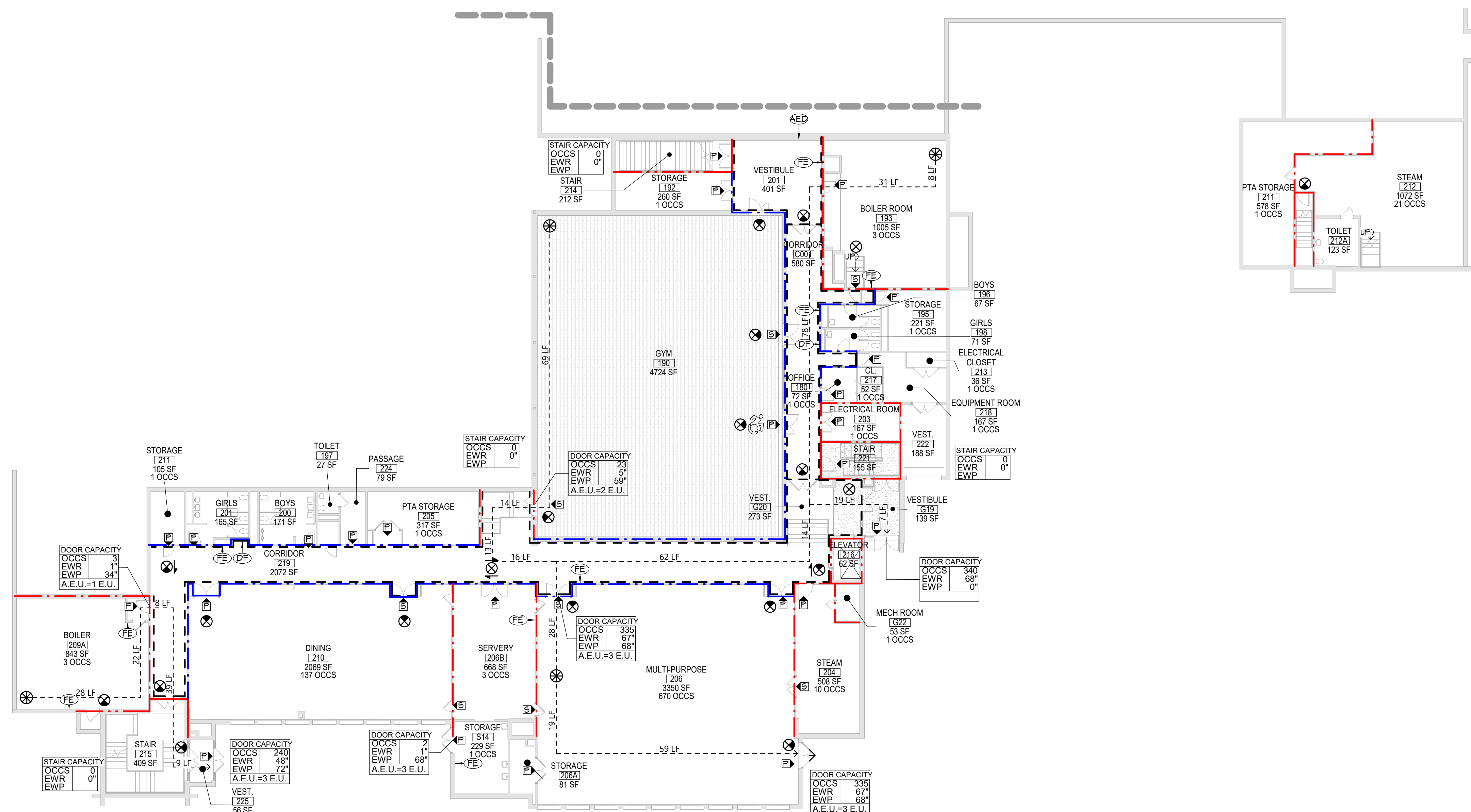
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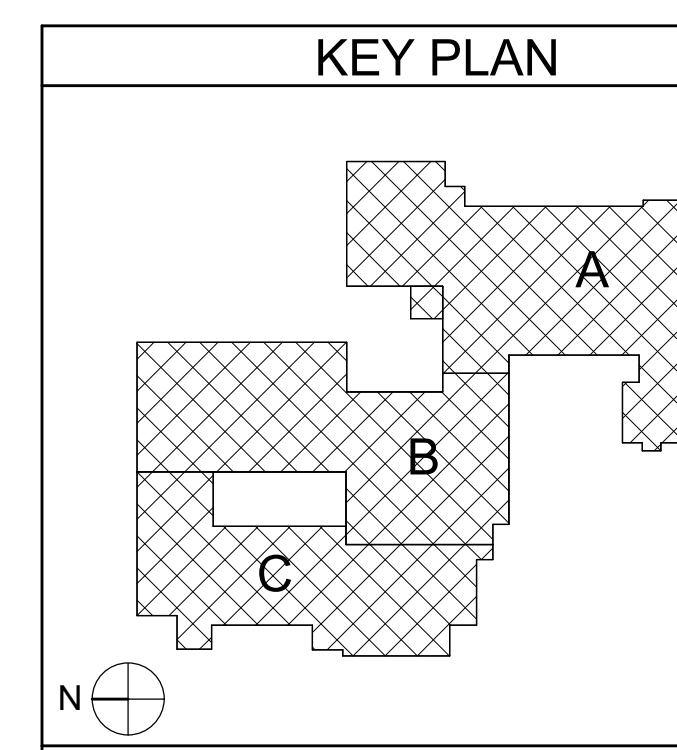
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









## 2 WARD VINTAGE PLAN



# 1 GROUND FLOOR LIFE SAFETY PLAN





## LIFE SAFETY PLAN | LEGEND




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

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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:	1958
CONSTRUCTION TYPE:	IIB
GROUND FLOOR AREA:	9,288 SF GROSS
LOWER FLOOR AREA:	24,204 SF GROSS
FIRST FLOOR AREA:	38,435 SF GROSS
ADDITION CONSTRUCTION:	1993
CONSTRUCTION TYPE:	IIB
BASEMENT AREA:	15,000 SF GROSS
FIRST FLOOR AREA:	16,133 SF GROSS
SECOND FLOOR AREA:	16,133 SF GROSS

## ADDITION CONSTR

- CONSTRUCTION TYPE: IIB  
FIRST FLOOR AREA: 295 SF GROSS
- CLASSIFICATION OF WORK:
- |   |                              |
|---|------------------------------|
|  | LEVEL 2 ALTERATION<br>250 SF |
|  | ADDITION<br>235 SF           |

## OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH ROOM	300 GROSS	SECT. 1004.6
ASSEMBLY K/ FIXED SEATS		
ASSEMBLY K/OUT FIXED SEATS		
CONCENTRATED	7 NET	
UNCONCENTRATED	15 NET	
BUSINESS AREAS	150 GROSS	
CLASSROOM AREAS	20 NET	
VOCATIONAL ROOM AREAS	50 NET	
LOCKER ROOMS	50 GROSS	
EXERCISE ROOMS	50 GROSS	
KITCHENS, COMMERCIAL	200 GROSS	
READING ROOMS	50 GROSS	
STAGES AND PLATFORMS	15 NET	

## STRUCTURAL LOAD

<b>RISK CATEGORY: III</b>		
<b>DEAD LOADS:</b>		
CONCRETE SLAB	xxx PSF	
<b>LIVE LOADS:</b>		
SLAB	xxx PSF	
<b>RAIN LOADS:</b>		
15-MINUTE RAINFALL INTENSITY	xxx IN/H	
60-MINUTE RAINFALL INTENSITY	xxx IN/H	
<b>SNOW LOADS:</b>		
GROUND SNOW LOAD	xx PSF	
FLAT ROOF SNOW LOAD	xxx PSF	
SLOPED ROOF SNOW LOAD	xxx	
<b>WIND LOADS:</b>		
ULTIMATE WIND SPEED	xxx MPH	
EXPOSURE CATEGORY	X	
<b>SEISMIC DESIGN DATA:</b>		
SITE CLASS	X	
SEISMIC DESIGN CATEGORY	X	

## FIRE AREA MODIFICATIONS (NYS SECTION 506)

<b>A</b>	<b>ALLOWABLE AREA PER FLOOR (SQUARE FEET)</b>
<b>A<sub>1</sub></b>	TABULAR ALLOWABLE AREA FACTOR (N5=1513R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
<b>I<sub>1</sub></b>	AREA FACTOR INCREASE DUE TO FRONTAGE AS CALCULATED IN ACCORDANCE WITH SECTION 506.3 (PERCENT)
<b>NS</b>	TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR NONSPRINKLERED BUILDING
<b>S<sub>a</sub></b>	ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE
<b>W</b>	CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2
<b>L<sub>n</sub></b>	LENGTH OF A PORTION OF THE OUTER PERIMETER WALL
<b>W<sub>n</sub></b>	(1/3 TO 2/3) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE OUTER PERIMETER WALL
<b>F</b>	BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET OR MORE
<b>P</b>	PERIMETER OR ENTIRE BUILDING (FEET)

$I_r = [F/P - 0.25]W/30$	$A_b = A_1 + (NS \times I_i)$
$I_r = [100/XX - 0.25]XX/30$	$A_b = XXX + (XXX \times 0.0XX)$
$I_r = [0.0XX] 1.00$	$A_b = XXX + (XXX)$
$I_r = XX\%$	$A_b = XXX \text{ sq ft}$

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CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
2023 CAPITAL PROJECT - PHASE 1

Project Title



**Expiration Date:** 02/28/2025

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Sheet Title

GROUND  
FLOOR LIFE  
SAFETY PLAN

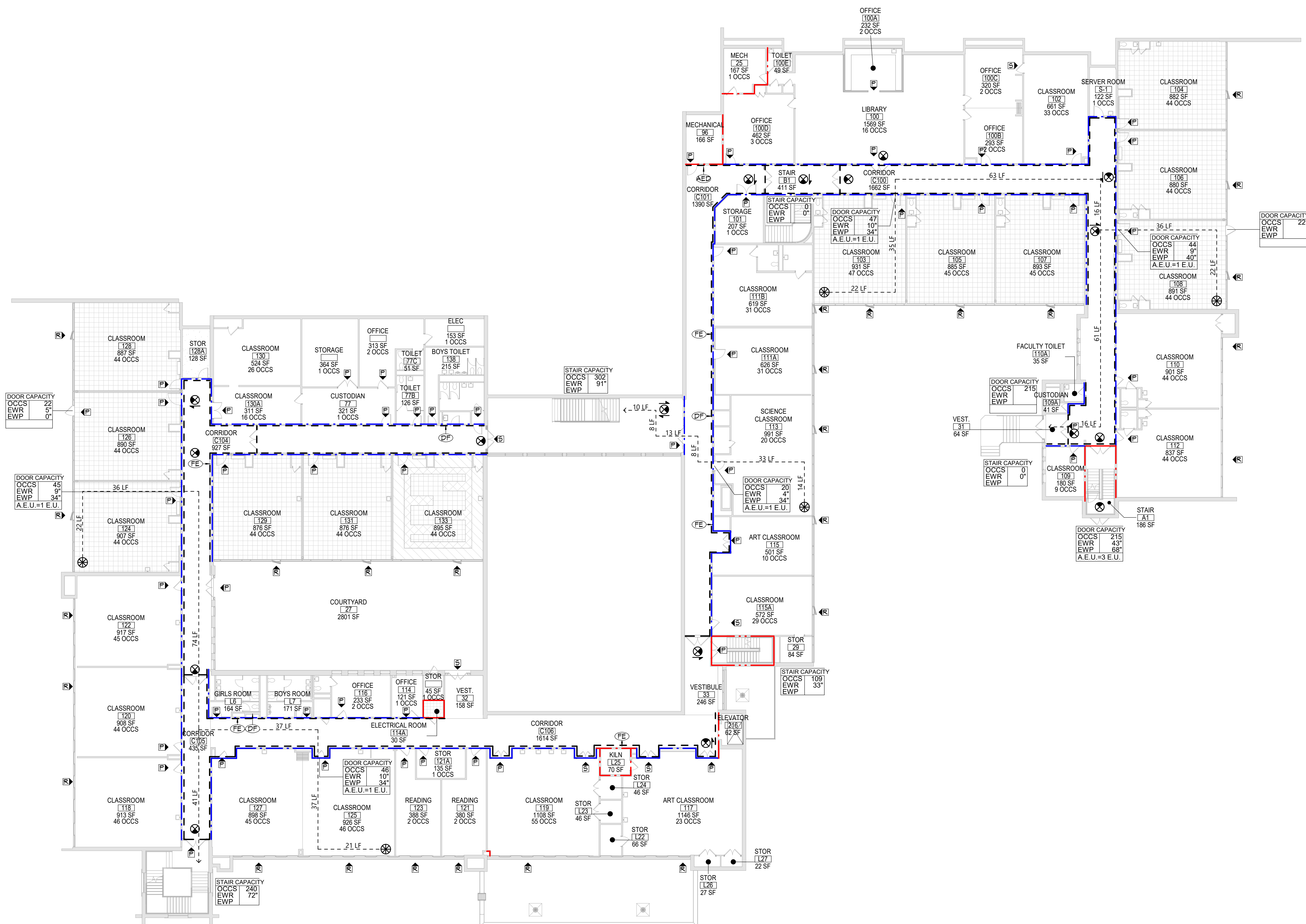
Sheet No. WBW  
LS101

CONSTRUCTION DOCUMENTS

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1 LOWER FLOOR LIFE SAFETY PLAN  
LS111 1/16" = 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.

### ABBREVIATIONS

- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESB EMERGENCY EYEWASH STATION
- FE FIRE EXTINGUISHER, WALL MOUNT
- FE2 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 MALL

CODE NARRATIVE:  
ORIGINAL CONSTRUCTION: 1498  
CONSTRUCTION TYPE: IIB  
GROUND FLOOR AREA: 4,258 SF GROSS  
LOWER FLOOR AREA: 2,920 SF GROSS  
FIRST FLOOR AREA: 30,135 SF GROSS  
ADDITION CONSTRUCTION: 1493  
CONSTRUCTION TYPE: IIB  
BASEMENT AREA: 15,000 SF GROSS  
FIRST FLOOR AREA: 16,133 SF GROSS  
SECOND FLOOR AREA: 16,133 SF GROSS  
ADDITION CONSTRUCTION: 2023  
CONSTRUCTION TYPE: IIB  
FIRST FLOOR AREA: 235 SF GROSS

CLASSIFICATION OF WORK:  
LEVEL 2 ALTERATION  
250 SF  
ADDITION  
235 SF

## OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH. ROOM	300 GROSS
ASSEMBLY W/ FIXED SEATS	SECT. 1004.6
ASSEMBLY W/OUT FIXED SEATS	
CONCENTRATED	7 NET
UNCONCENTRATED	15 NET
BUSINESS AREAS	150 GROSS
CLASSROOM AREAS	20 NET
VOCATIONAL ROOM AREAS	50 NET
LOCKER ROOMS	50 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
READING ROOMS	50 GROSS
STAGES AND PLATFORMS	15 NET

## STRUCTURAL LOAD

RISK CATEGORY: III	
DEAD LOADS:	
CONCRETE SLAB	XXX PSF
LIVE LOADS:	
SLAB	XXX PSF
RAIN LOADS:	
15-MINUTE RAINFALL INTENSITY	XXX IN/H
60-MINUTE RAINFALL INTENSITY	XXX IN/H
SNOW LOADS:	
GROUND SNOW LOAD	XX PSF
FLAT ROOF SNOW LOAD	XXX PSF
SLOPED ROOF SNOW LOAD	XXX
WIND LOADS:	
ULTIMATE WIND SPEED	XXX MPH
EXPOSURE CATEGORY	X
SEISMIC DESIGN DATA:	
SITE CLASS	X
SEISMIC DESIGN CATEGORY	X

FIRE AREA MODIFICATIONS (NYS SECTION 506)	
A <sub>0</sub> ALLOWABLE AREA PER FLOOR (SQUARE FEET)	
A <sub>1</sub> TABULAR ALLOWABLE AREA FACTOR (NS1, S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)	
I <sub>f</sub> 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 <sub>a</sub> 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 <sub>n</sub> LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL	
W <sub>n</sub> WIDTH (2 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 <sub>f</sub> = (F/P - 0.25)W/30	A <sub>0</sub> = A <sub>1</sub> + (NS x I <sub>f</sub> )
I <sub>f</sub> = (100/XX - 0.25) XX/30	A <sub>0</sub> = XXX + (XXX x 0.0X)
I <sub>f</sub> = (0.0X) 1.00	A <sub>0</sub> = XXX + (XXX)
I <sub>f</sub> = 0.0X	A <sub>0</sub> = XXX sq ft

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CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
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Sheet Title

LOWER LEVEL  
LIFE SAFETY  
PLAN

Sheet No.

WBW  
LS111

CONSTRUCTION DOCUMENTS

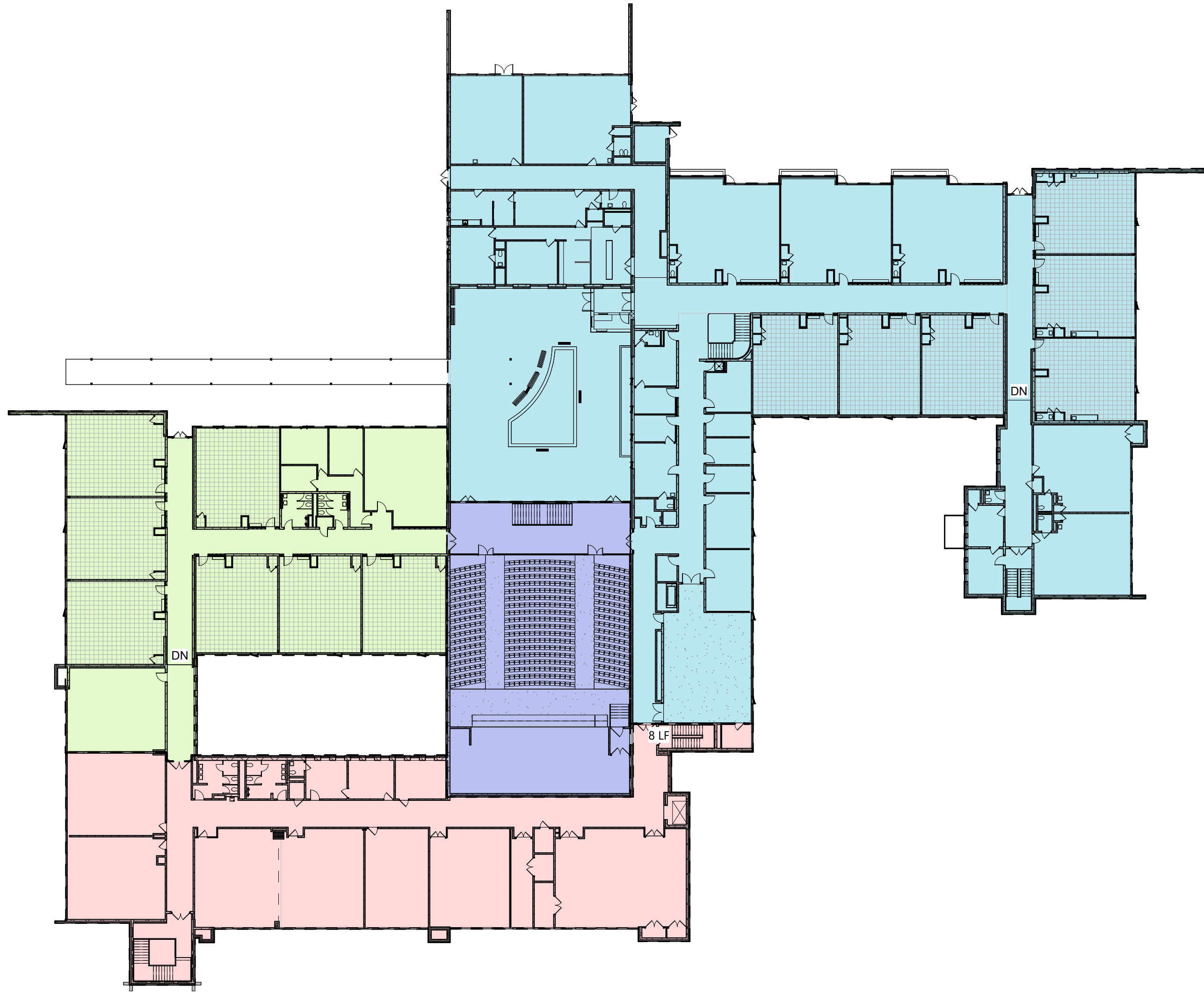




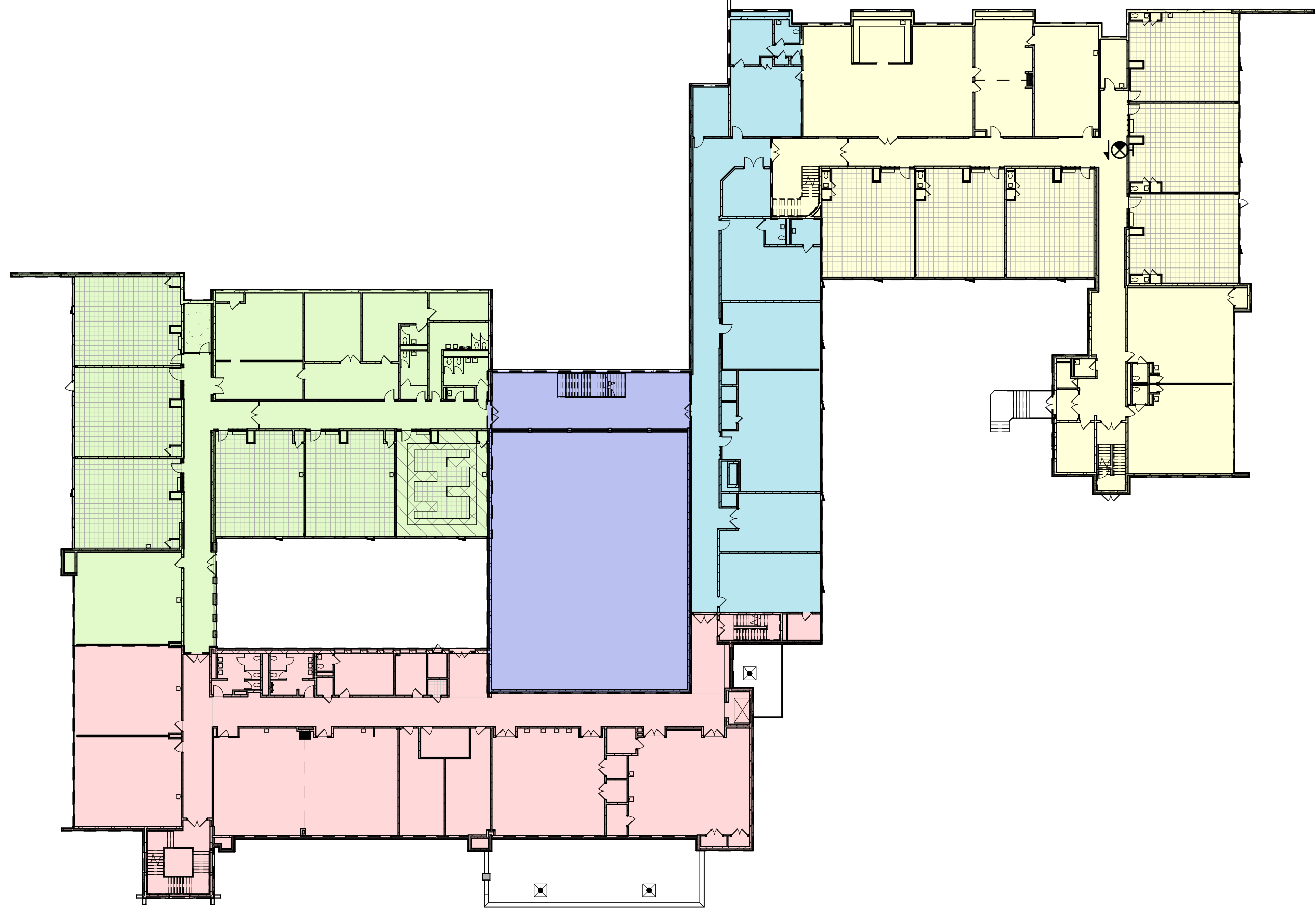


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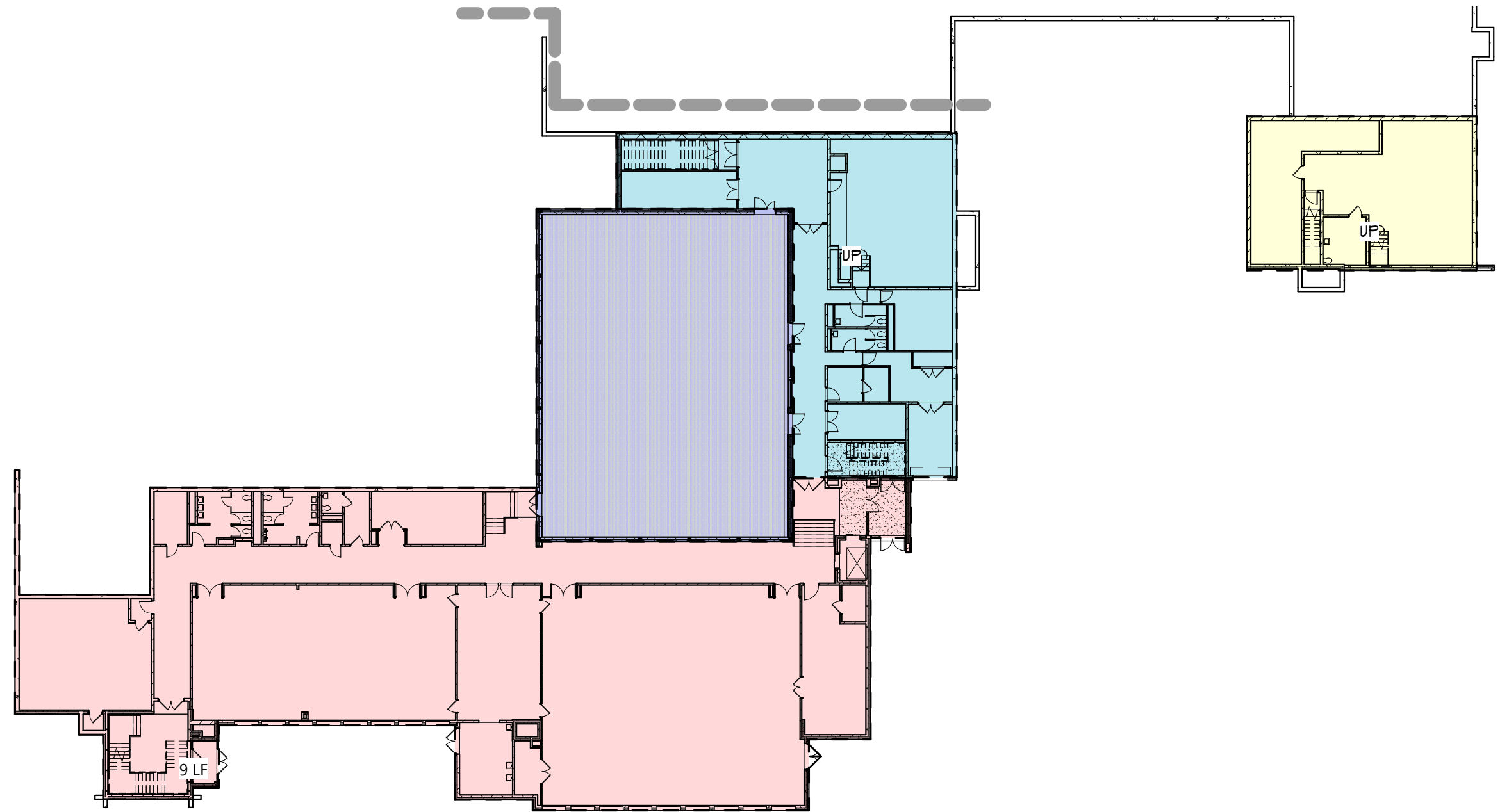
**1** SMOKE ZONE FIRST FLOOR PLAN  
LS131 1" = 30'-0"



**3** SMOKE ZONE LOWER FLOOR PLAN  
LS131 1" = 30'-0"



**2** SMOKE ZONE GROUND FLOOR PLAN  
LS131 1" = 30'-0"



**SMOKE ZONE LEGEND**

- SMOKE ZONE A
- SMOKE ZONE B
- SMOKE ZONE C
- SMOKE ZONE D
- SMOKE ZONE E

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Sheet Title

SMOKE ZONE  
FLOOR PLANS

Sheet No.  
**WBW  
LS131**

CONSTRUCTION DOCUMENTS



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**1** AREA 'A' FIRST FLOOR DEMO PLAN  
AD113 1/8" = 1'-0"

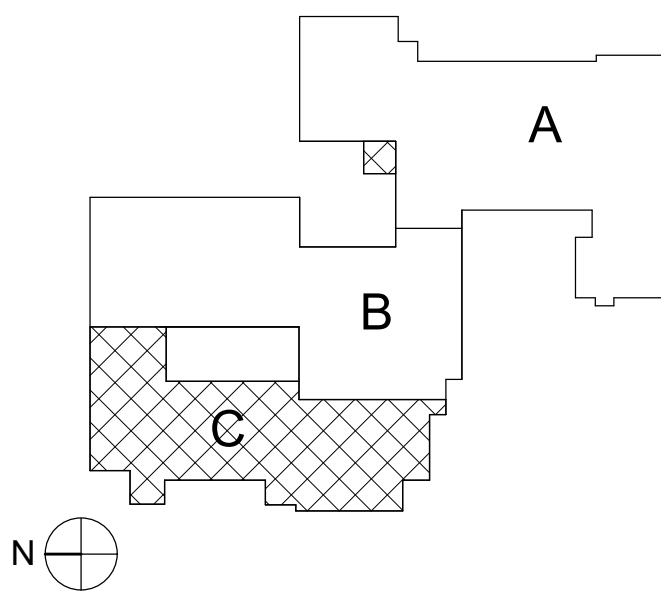
GENERAL NOTES

- COORDINATE ALL REMOVAL 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 SANGUT OPENING PRIOR TO SANGUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

KEY NOTES

#	DESCRIPTION
D.1	REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY.
F.2	REMOVE FLOOR FINISH, SLAB AND STRUCTURE BELOW FOR EXTENT SHOWN. COORDINATE REMOVALS WITH STRUCTURAL DRAWINGS.
G.2	REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY, INCLUDING ALL DOORS, HARDWARE, AND ANCHORING DEVICES.
M.1	MECHANICAL EQUIPMENT REMOVAL, REFER TO 'M' DRAWINGS.
M.1	SANGUT AND REMOVE MASONRY WALL IN ITS ENTIRETY.

KEY PLAN



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WILLIAM B. WARD ELEMENTARY SCHOOL  
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Sheet Title

AREA 'A' -  
PARTIAL FIRST  
FLOOR DEMO  
PLAN

Sheet No.

WBW  
AD113

CONSTRUCTION DOCUMENTS

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GENERAL INFORMATION:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

- ALL WORK OF THIS CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE, INCLUDING ALL LOCAL, STATE AND FEDERAL CODES REFERENCED BY THE BUILDING CODE OR HAVING JURISDICTION ON THE WORK OF THIS CONTRACT.
- "LOADS" INDICATED ON THIS DRAWING ARE THOSE FOR THE DESIGN OF THE BUILDING SUPERSTRUCTURE.
- ALL DETAILS MARKED "TYPICAL" IN THE SET OF STRUCTURAL DRAWINGS SHALL BE APPLIED THROUGHOUT THE PROJECT AS REQUIRED TO SATISFY THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL COORDINATE REQUIREMENTS FOR QUANTITY AND LOCATION WHERE THE "TYPICAL" DETAILS APPLY.
- FAILURE ON THE PART OF THE CONTRACTOR TO REVIEW THE DRAWINGS OF OTHER DISCIPLINES (i.e. ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, ETC.) TOGETHER WITH THE FULL EXTENT OF THE PROJECT SPECIFICATIONS DOES NOT RELIEVE THEM OF THE RESPONSIBILITY TO FURNISH AND INSTALL ITEMS THAT ARE PART OF THEIR WORK AS INDICATED BY THE DRAWINGS AND SPECIFICATIONS OF OTHER TRADES. ALL STRUCTURAL TRADE CONTRACTORS AND SUB-CONTRACTORS ARE PROHIBITED FROM EXCLUDING STRUCTURAL WORK FROM THEIR CONTRACT NOT SHOWN IN THE STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPER FIELD FITTING AND QUANTITY OF WORK. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AS REQUIRED AND BE RESPONSIBLE FOR FITTING NEW CONSTRUCTION TO EXISTING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR A SITE INVESTIGATION(S) PRIOR TO THE START OF WORK TO REVEAL ALL EXISTING CONDITIONS
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL DRAWINGS AND SPECIFICATIONS AND COORDINATE ALL WORK WITHIN THE CONTRACT.
- THE CONTRACTOR SHALL PROVIDE FOR THE PROPER OFF-SITE DISPOSAL OF ALL CONSTRUCTION DEBRIS AND/OR EXCAVATED MATERIALS IN COMPLIANCE WITH LOCAL, NEW YORK STATE AND FEDERAL LAWS AND REQUIREMENTS.
- THE CONTRACTOR SHALL REMOVE DEBRIS FROM WORK AREA AT THE END OF EACH WORK DAY.
- CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE OUTSIDE THE LIMITS OF CONSTRUCTION AND NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS ORDERED BY THE OWNER.
- THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO AVOID DAMAGING EXISTING PAVEMENTS, ROADWAYS, LANDSCAPING, CURBS AND SIDEWALKS WHEN IT IS NECESSARY FOR THE CONTRACTOR TO MOVE THEIR EQUIPMENT. THE CONTRACTOR SHALL OBSERVE ALL OF THE RULES, REGULATIONS AND DIRECTIONS OF THE LOCAL MUNICIPALITIES, STATE AND FEDERAL AGENCIES RELATIVE TO SUCH HANDLING OF EQUIPMENT AND TAKE SUCH PROTECTIVE MEASURES AS MAY BE ORDERED BY THE OWNER. THE CONTRACTOR SHALL REPAIR ANY DAMAGED MATERIALS TO THE APPROVAL OF THE OWNER AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL IDENTIFY, LOCATE AND PROTECT EXISTING ELECTRICAL, FIBER, SECURITY AND TELECOMMUNICATION INFRASTRUCTURE FROM DAMAGE DURING CONSTRUCTION OPERATIONS AND ALLOW EQUIPMENT TO REMAIN OPERABLE.
- THE CONTRACTOR SHALL TAKE CARE NOT TO DISTURB EXISTING UTILITIES WITHIN THE PROJECT LIMITS. WHERE WORK AFFECTS OR IS AFFECTED BY EXISTING UTILITIES, THE WORK SHALL NOT COMMENCE PRIOR TO CONTACTING THE AFFECTED UTILITY COMPANY/COMPANIES IN ORDER TO COORDINATE THE WORK.
- IN THE EVENT THAT THE CONTRACTOR DAMAGES ANY EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, THE CONTRACTOR SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE AND MAY NOT CEASE THEIR WORK OPERATION UNTIL SERVICE IS RESTORED. THE COST ASSOCIATED WITH REPAIRING AN EXISTING UTILITY SHALL BE BORNE ENTIRELY BY THE CONTRACTOR.
- IF THE OWNER NOTIFIES THE CONTRACTOR OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED AND IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE OWNER BEFORE WORK IS RESUMED.

EXISTING CONDITIONS GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

- DIMENSIONS AND ELEVATIONS OF EXISTING CONDITIONS GIVEN ON STRUCTURAL DRAWINGS ARE BASED ON INFORMATION CONTAINED IN VARIOUS ORIGINAL DESIGN AND CONSTRUCTION DOCUMENTS PROVIDED BY THE OWNER, AND LIMITED FIELD OBSERVATIONS AND MEASUREMENTS.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BY ACTUAL MEASUREMENT PRIOR TO BEGINNING WORK AND WHEN FEASIBLE, PRIOR TO SHOP DRAWING SUBMITTALS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE SAID DISCREPANCIES WITH ALL SUB-CONTRACTORS AND MATERIAL SUPPLIERS.
- CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING TO MAKE SAFE ALL FLOORS AND/OR ADJACENT PROPERTY AS PROJECT CONDITIONS REQUIRE. DESIGN SHALL BE STAMPED BY A LICENSED ENGINEER EMPLOYED BY THE CONTRACTOR.

STRUCTURAL STEEL DECK GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

- ALL STEEL DECK SHALL BE DESIGNED, FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST SDI, AISI, AND AWS STANDARD SPECIFICATION.
- SHEET STEEL SHALL CONFORM TO ASTM A611 GRADE C OR ASTM A653 SQ GRADE 33 WITH A MINIMUM YIELD STRENGTH OF 33 KSI. STEEL SHEET SHALL RECEIVE ASTM A653, CLASS G 90 COATED WITH A HOT DIP ZINC COATING.
- ACCESSORIES SHALL BE FABRICATED OF 18 GAUGE OR GREATER SHEET STEEL.
- STEEL DECKING IS TO BE INSTALLED FOLLOWING THE COMPLETION OF THE INSTALLATION OF THE SUPPORTING STEEL.
- ALL ELECTRICAL, MECHANICAL, PIPING, DUCTWORK, ETC. SHALL NOT BE HUNG FROM METAL DECK.

CAST-IN-PLACE CONCRETE GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

- CONCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE ACI 318-14.
- REINFORCING FOR CONCRETE SHALL BE DEFORMED STEEL BARS IN ACCORDANCE WITH ASTM SPECIFICATION A615, GRADE 60. REBAR ANCHOR TIES TO BE ASTM SPECIFICATION A-955, GRADE 60.
- TEMPERATURE REINFORCING SHALL BE SUFFICIENTLY EMBEDDED TO DEVELOP FULL STRENGTH IN CONCRETE SLABS.
- PROVIDE ADEQUATE TIES FOR REINFORCEMENT IN SLABS. REINFORCEMENT TO BE HELD AT CORRECT DISTANCE FROM FORMS AND EARTH BY STEEL CHAIRS OR TIES.
- FOLLOW C.R.S.I. RULES FOR PLACING OF REINFORCING STEEL AND ACCESSORIES.
- THIS CONTRACTOR SHALL COOPERATE WITH OTHER TRADES AND WHERE REQUIRED INSTALL ALL BUILT-IN WORK, SLEEVES, INSERTS, ETC., AS REQUIRED FOR A COMPLETE JOB.
- FOR OPENINGS IN FLOORS NOT SHOWN ON STRUCTURAL DRAWINGS, SEE MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS.
- TOP ELEVATION OF SLABS SHALL VARY ACCORDING TO FINISH FLOOR MATERIAL. SEE ARCHITECTURAL DRAWINGS.
- FLOOR SURFACE PROFILES SHALL BE TESTED IN ACCORDANCE WITH ASTM E1155, PER THE REQUIREMENTS FOR FLAT FLOORS.
  - OVERALL TOLERANCES: F<sub>1</sub>=35; F<sub>1</sub>=25
  - MINIMUM LOCAL TOLERANCES: F<sub>1</sub>=21; F<sub>1</sub>=15
- UNLESS OTHERWISE INDICATED ON DRAWINGS CAST-IN-PLACE CONCRETE SHALL CONFORM TO THE FOLLOWING TABLE:

LOCATIONS	CONCRETE STRENGTH (PSI)	NOMINAL MAX. SIZE AGGREGATE	AIR CONTENT (%)	MAX. W/C RATIO
SLAB-ON-GRADE	4500	1-1/2"	5.5 +/- 1.5	0.45

FOUNDATION GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

- ANY EXISTING FOUNDATIONS ENCOUNTERED DURING CONSTRUCTION OF THE PROPOSED FOUNDATION(S) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. WITH APPROVAL FROM THE ENGINEER, THE EXISTING FOUNDATION(S) SHALL BE REMOVED FROM THE NEW FOOTING AREA AND THE EXCAVATION BACKFILLED IN COMPACTED LIFTS, IN ACCORDANCE WITH NOTE 3.
- FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO CONCRETE PLACEMENT.
- STRUCTURAL FILL TO BE PLACED IN 12" LAYERS WHERE HEAVY VIBRATORY COMPACTION EQUIPMENT IS USED AND 6" LIFTS WHERE HAND OPERATED EQUIPMENT IS REQUIRED. EACH LIFT SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY THROUGH THE MODIFIED PROTECTOR COMPACTION TEST, IN ACCORDANCE WITH ASTM D-1557.
- EXCAVATIONS SHALL BE KEPT DRY BY PUMPING UNTIL UNDERGROUND CONSTRUCTION IS COMPLETE.
- LOOSENEED BEARING SOILS SHALL BE RECOMPACTED WITH A SMALL VIBRATORY PLATE COMPACTOR PRIOR TO PLACEMENT OF REINFORCING BARS.
- SLOPING OF ALL EXCAVATIONS TO BE PERFORMED IN ACCORDANCE WITH THE SLOPING AND BENCHING REQUIREMENTS OF OSHA, CALLED OUT BY THESE DRAWINGS OR AS SPECIFIED BY A GEOTECHNICAL ENGINEER. FLATTER SLOPES THAN THOSE DICTATED MAY BE REQUIRED DEPENDING ON SOIL CONDITIONS ENCOUNTERED AND OTHER EXTERNAL FACTORS.
- IF ANY SOFT SOIL OR WATER IS ENCOUNTERED AT THE FOOTING SUBGRADE, THE FOOTING AREA SHALL BE OVER EXCAVATED TO A MIN. OF 6-12 INCHES AND INSPECTED BY THE OWNER'S GEOTECHNICAL ENGINEER. THE OVER EXCAVATION SHALL THEN BE REPLACED WITH 3/4" CLEAN CRUSHED STONE FILL OR AS SPECIFIED BY THE OWNER'S GEOTECHNICAL ENGINEER. ALTERNATIVELY, SOFTENED OR OTHERWISE UNSUITABLE BEARING MATERIALS SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL OR WITH LEAN CONCRETE (2,000 PSI).

GRADATION TABLES

ITEM B-12		
SEIVE		PERCENT PASSING
SEIVE SIZE	SEIVE OPENING (MM)	
1 - 1/2 IN	38.1	100
1 IN	25.4	95 - 100
1/2 IN	12.7	45 - 60
1/4 IN	6.35	0 - 15

STRUCTURAL DESIGN				
DESIGN LOADS:				
IMPORTANCE FACTORS (BC1604.5):		WIND LOADS (BC1609):		
RISK CATEGORY	III	BASIC DESIGN WIND SPEED	126	mph
WIND (V <sub>W</sub> )	1.0	EXPOSURE CATEGORY	B	
WIND (I <sub>W</sub> )	1.25	SEISMIC REQUIREMENTS (BC1613):		
DEAD LOADS:		SITE CLASS	D	
CEILING	12 psf	SPECTRAL RESPONSE COEFFICIENTS:		
ECH-1	160 LBS	S <sub>s</sub>	0.291	g
HP-1	37 LBS	S <sub>1</sub>	0.061	g
LIVE LOADS (BC1607):		S <sub>2s</sub>	0.304	g
VESTIBULE	100 psf	S <sub>21</sub>	0.097	g
		SEISMIC DESIGN CATEGORY		
		B		

STRUCTURAL ABBREVIATIONS:

@ .....	AT	EXIST .....	EXISTING
ARCH .....	ARCHITECT	FT .....	FOOT/FEET
APPROX. ....	APPROXIMATELY	GALV .....	GALVANIZED
CL .....	CENTERLINE	IN .....	INCHES
CJ .....	CONTROL JOINT	JT .....	JOINT
CONC .....	CONCRETE	LBS .....	POUNDS
COORD .....	COORDINATE	MEP .....	MECHANICAL, ELECTRICAL, PLUMBING
CMU .....	CONCRETE MASONRY UNIT	NTS .....	NOT TO SCALE
DIA. Ø .....	DIAMETER	OC .....	ON CENTER
DWG .....	DRAWING	PSF .....	POUNDS PER SQUARE FOOT
EA .....	EACH	SOG .....	SLAB ON GRADE
EL. ELEV. ....	ELEVATION	T&B .....	TOP AND BOTTOM
EQ .....	EDGE OF SLAB	UNO .....	UNLESS NOTED OTHERWISE
EW .....	EQUALLY	WWR .....	WELDED WIRE REINFORCEMENT
EW .....	EACH WAY		

LEGEND

1	TITLE	SCALE	DETAIL, PLAN, OR SECTION TITLE
	NORTH		NORTH ARROW
	SECTION	DWG No.	SECTION
			BREAK LINE
	DETAIL		DETAIL
	LOCATION	ELEVATION	ELEVATION MARK

PATTERNS (UNLESS NOTED ON DWG):

	CONCRETE
	CLAY MASONRY
	STRUCTURAL FILL
	INSITU SOIL
	CRUSHED STONE
	CONCRETE MASONRY



CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
2023 CAPITAL PROJECT - PHASE 1

Project Title



REV	DATE	DESCRIPTION

Drawn By:	KUC
Checked By:	KSP
Proj. #:	66-11-00-01-0-013-016
CSArch Proj. #:	186.2301.00
Issued for Bid:	10/14/2024

Sheet Title

GENERAL  
NOTES,  
LEGENDS &  
ABBREVIATIONS

Sheet No.

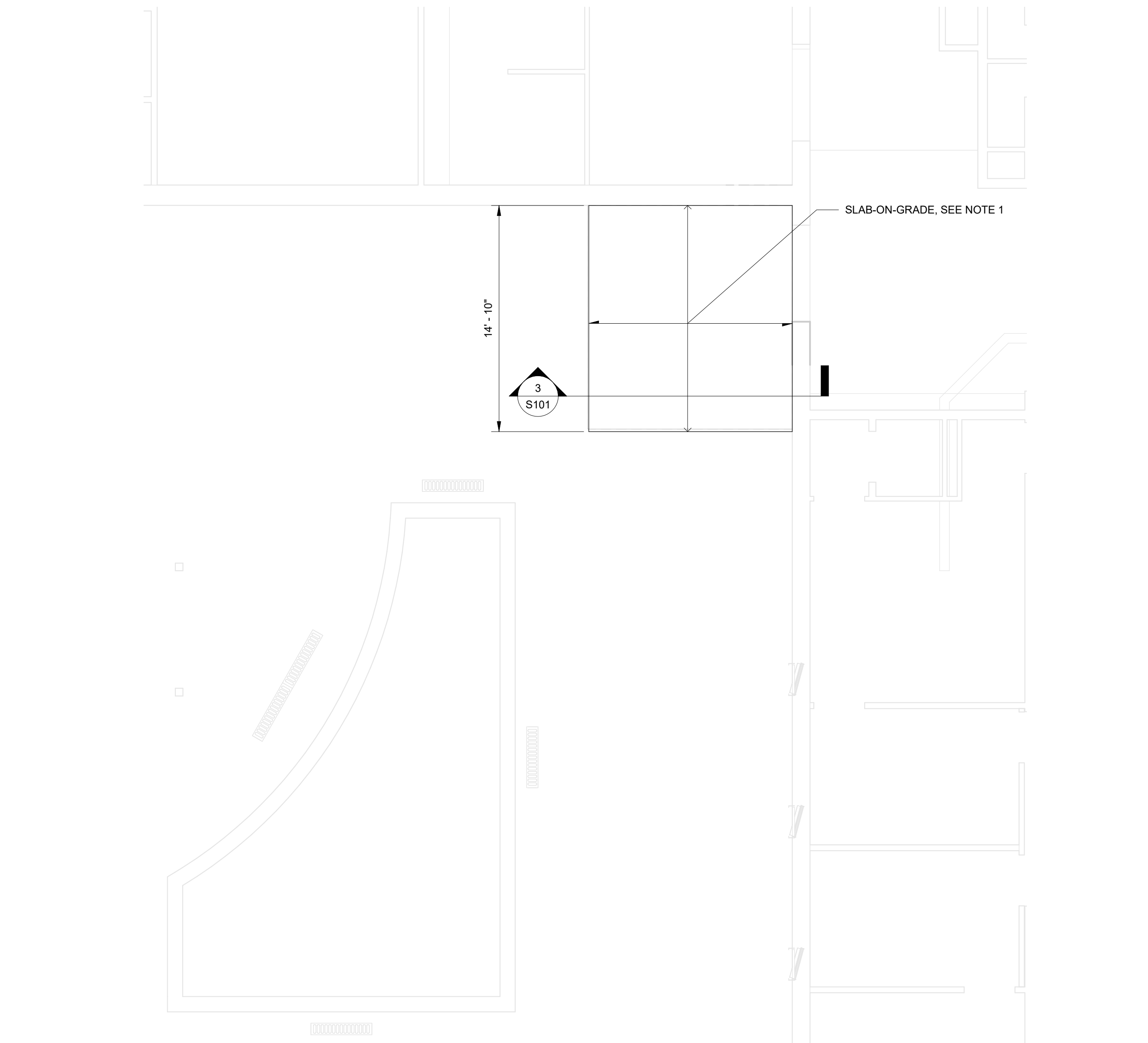
WBW  
S001

CONSTRUCTION DOCUMENTS



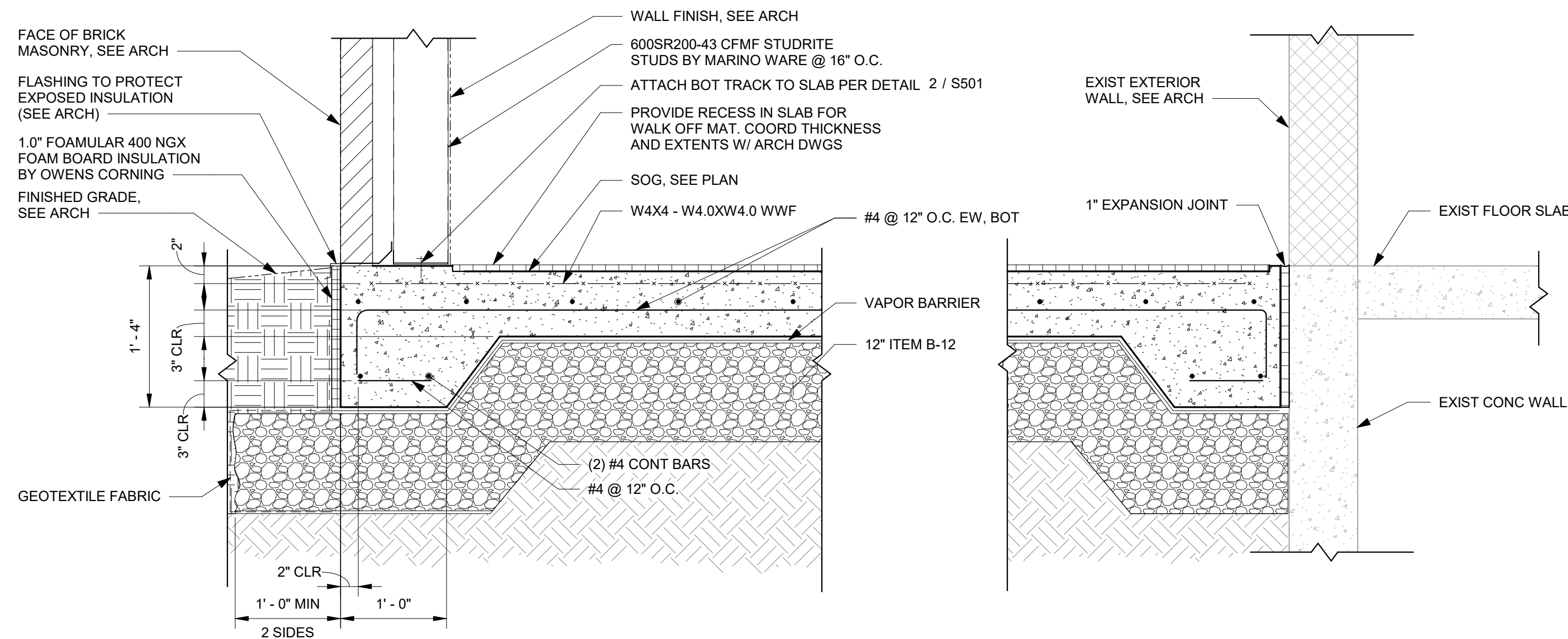
Check- Required	INSPECTION AND TESTING	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS
	<b>F. Driven Deep Foundations</b>						
<input type="checkbox"/>	1. Verify element materials, sizes and lengths comply with the requirements.	<input type="checkbox"/>			1705.7, 1810.3.2		
<input type="checkbox"/>	2. Determine capacities of test elements and conduct additional load tests, as required.	<input type="checkbox"/>			1705.7, 1810.3.3.1.2, 1810.3.3.1.3		
<input type="checkbox"/>	3. Inspect driving operations and maintain complete and accurate records for each element.	<input type="checkbox"/>			1705.7		
<input type="checkbox"/>	4. Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to the foundation element.	<input type="checkbox"/>			1705.7		
<input type="checkbox"/>	5. For steel elements, perform additional inspections in accordance with Section 1705.2.				1705.7		
<input type="checkbox"/>	6. For concrete elements and concrete-filled elements, perform tests and additional inspections in accordance with Section 1705.3.				1705.7		
<input type="checkbox"/>	7. For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge.				1705.7		
<input type="checkbox"/>	<b>G. Cast-in-Place Deep Foundations</b>				1705.8		
<input type="checkbox"/>	1. Inspect drilling operations and maintain complete and accurate records for each element.	<input type="checkbox"/>			1705.8		
<input type="checkbox"/>	2. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end bearing strata capacity. Record concrete and grout volumes.	<input type="checkbox"/>			1705.8		
<input type="checkbox"/>	3. For concrete elements, perform tests and additional special inspections in accordance with Section 1705.3.				1705.8		
<input type="checkbox"/>	<b>H. Helical Pile Foundations</b>				1705.9		
<input type="checkbox"/>	1. Record information on installation equipment, pile dimensions, tip elevations, final depth, final installator torque, and other pertinent installation data as required by the Registered Design Professional In Responsible Charge.	<input type="checkbox"/>			1705.9		
<input type="checkbox"/>	<b>I. Inspection of Fabricated Items</b>				1705.10, 1704.2.5, 1704.2.5.1		
	<b>J. Special Inspections for Wind Resistance</b>				1705.11		
<input type="checkbox"/>	1. Structural Wood				1705.11.1		
<input type="checkbox"/>	a. Inspect field gluing operations of elements of the main windforce-resisting system.	<input type="checkbox"/>			1705.11.1		
<input type="checkbox"/>	b. Inspect nailing, bolting, anchoring, and other fastening of elements of the main windforce-resisting system, including wood shear walls, wood diaphragms, drag struts, braces, and hold-downs.		<input type="checkbox"/>		1705.11.1		
<input checked="" type="checkbox"/>	2. Cold-Formed Steel light-frame construction				1705.11.2		
<input type="checkbox"/>	a. Inspect welding operations of the main windforce-resisting system.		<input type="checkbox"/>		1705.11.2		
<input checked="" type="checkbox"/>	b. Inspect screw attachment, bolting, anchoring, and other fastening of elements of the main windforce-resisting system, including shear walls, braces, diaphragms, collectors, and hold-downs.		<input checked="" type="checkbox"/>		1705.11.2		
<input checked="" type="checkbox"/>	3. Wind-Resisting Components				1705.11.3		
<input checked="" type="checkbox"/>	a. Inspect roof covering, rood deck, and roof framing connections.		<input checked="" type="checkbox"/>		1705.11.3		
<input type="checkbox"/>	b. Inspect exterior wall coverings and wall connections to roof and floor diaphragms and framing.		<input type="checkbox"/>		1705.11.3		
<input type="checkbox"/>	<b>K. Special Inspections for Seismic Resistance</b> Applicable to specific structures, systems, and components.				1705.12		Building is exempt from special inspections for seismic as per 1705.12 (2). Force resisting system is reinforced masonry. SDS does not exceed 0.5, and building height is <25'.
<input type="checkbox"/>	1. Structural steel.	<input type="checkbox"/>		AISC 341	1705.12.1		
<input type="checkbox"/>	2. Structural wood.	<input type="checkbox"/>	<input type="checkbox"/>		1705.12.2		
<input type="checkbox"/>	3. Cold-formed steel framing.		<input type="checkbox"/>		1705.12.3		
<input type="checkbox"/>	4. Designated Seismic Systems		<input type="checkbox"/>		1705.12.4		
<input type="checkbox"/>	5. Architectural components.		<input type="checkbox"/>		1705.12.5		
<input type="checkbox"/>	6. Mechanical and electrical components.		<input type="checkbox"/>		1705.12.6		
<input type="checkbox"/>	7. Storage racks and access floors.		<input type="checkbox"/>		1705.12.7		
<input type="checkbox"/>	8. Seismic isolation system.		<input type="checkbox"/>		1705.12.8		
<input type="checkbox"/>	9. Cold-formed steel special bolted moment frame.		<input type="checkbox"/>		1705.12.9		
<input type="checkbox"/>	<b>L. Structural Testing for Seismic Resistance</b> Applicable to specific structures, systems, and components.				1705.13, 1704.2		
<input type="checkbox"/>	1. Structural steel.			AISC 341	1705.13.1		
<input type="checkbox"/>	a. Seismic force-resisting systems			AISC 341	1705.13.1.1		
<input type="checkbox"/>	b. Structural steel elements			AISC 341	1705.13.1.2		
<input type="checkbox"/>	2. Nonstructural components			ASCE 7 Section 13.2.1	1705.13.2, 1704.5		
<input type="checkbox"/>	3. Designated seismic system			ASCE 7 Section 13.2.2	1705.13.3, 1704.5		
<input type="checkbox"/>	4. Seismic isolation system			ASCE 7 Section 17.8	1705.13.4		
<input type="checkbox"/>	<b>M. Sprayed Fire-Resistant Materials</b>				1705.14		
<input type="checkbox"/>	1. Physical and visual tests				1705.14.1		
<input type="checkbox"/>	2. Structural member surface conditions.				1705.14.2		
<input type="checkbox"/>	3. Application.				1705.14.3		
<input type="checkbox"/>	4. Thickness.			ASTM E 605	1705.14.4		
<input type="checkbox"/>	5. Density.			ASTM E 605	1705.14.5		
<input type="checkbox"/>	6. Bond strength.			ASTM E 736	1705.14.6		
<input type="checkbox"/>	<b>N. Mastic and Intumescent Fire-Resistant Coatings</b>			AWCI 12-B	1705.15, 722.5.1.3		
<input type="checkbox"/>	<b>O. Exterior Insulation and Finish Systems (EIFS)</b>			ASTM E2570	1705.16		
<input type="checkbox"/>	<b>P. Fire-Resistant Penetrations and Joints</b>			ASTM E2174, ASTM E2393	1705.17, 714.3.1.2, 714.4.2, 715.3, 715.4, 1705.17.1, 1705.17.2		
<input type="checkbox"/>	<b>Q. Smoke Control</b>				1705.18		
<input type="checkbox"/>	<b>R. Special Cases</b>				1705.1.1		
<input type="checkbox"/>	<b>S. Structural Observations</b> Applicable to specific structures.				1704.6		



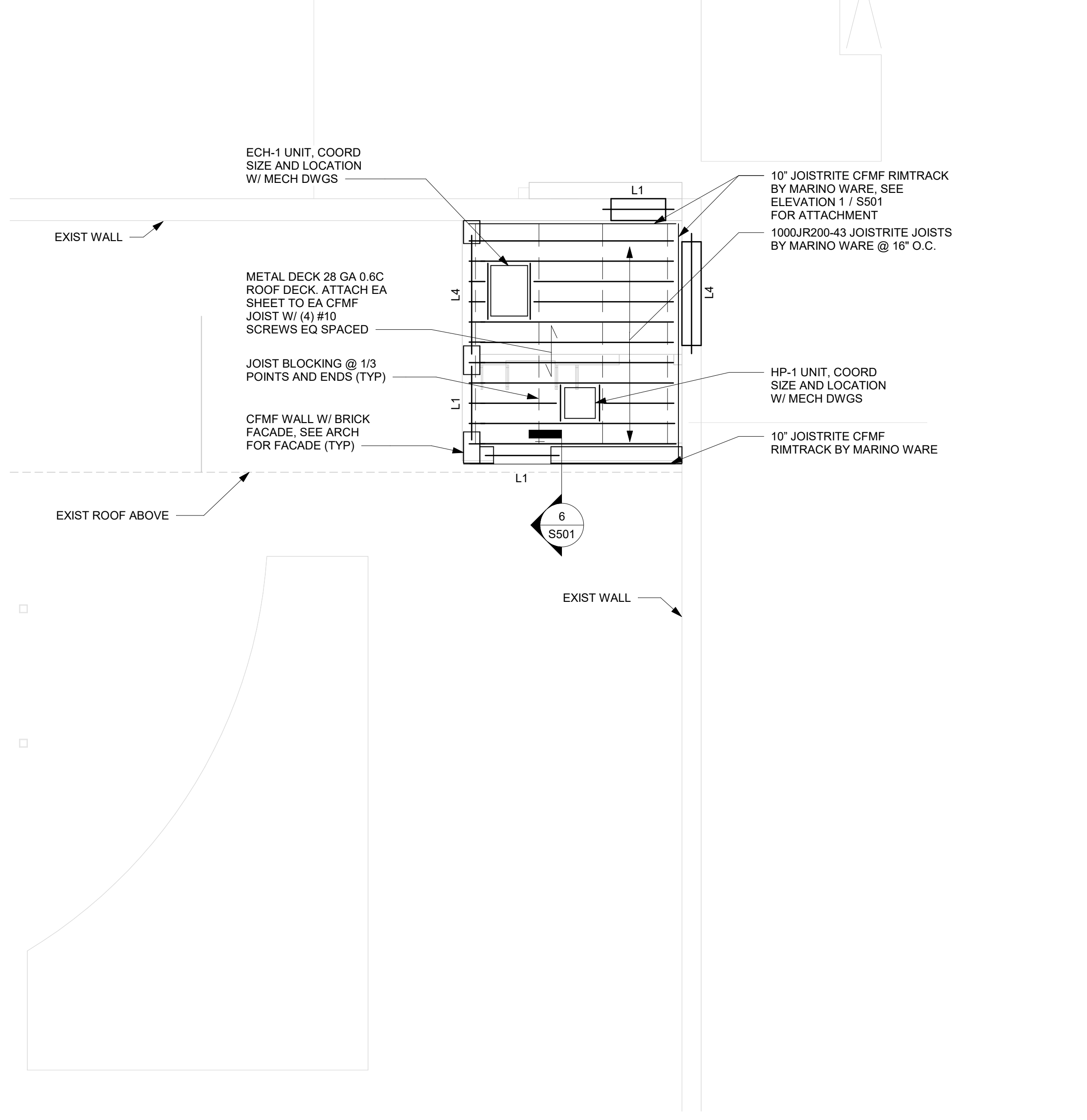


① SLAB-ON-GRADE  
3/16" = 1'-0"

- NOTES:
1. SLAB ON GROUND SHALL BE 8" NORMAL WEIGHT CONCRETE PLACED OVER A 15 MIL MIN. POLY VAPOR BARRIER ON 12" OF ITEM B12 MATERIAL.
  2. T.O.S. ACTUAL ELEVATION TO MATCH T.O EXIST SLAB. SET AS REFERENCE DATUM ELEVATION 0' - 0". COORD WITH T.O. EXIST SLAB.
  3. COORD. AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCH. FOR DIMENSIONS NOT SHOWN.
  4. ALL EXTERIOR CONCRETE SLABS EXPOSED TO VIEW TO RECEIVE PENETRATING SEALER.

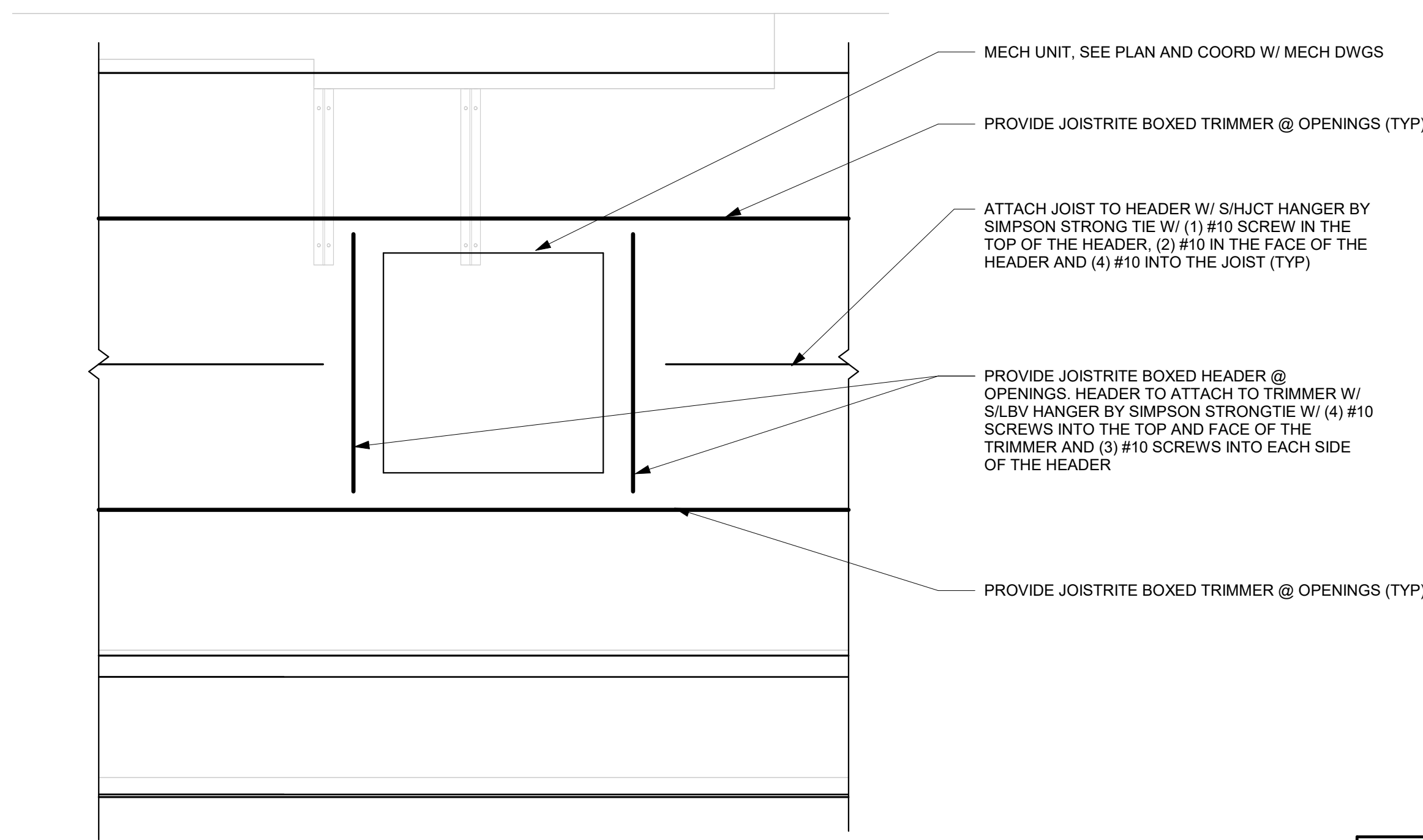


③ TYPICAL FROST PROTECTED SLAB EDGE AND WALL SECTION  
1" = 1'-0"

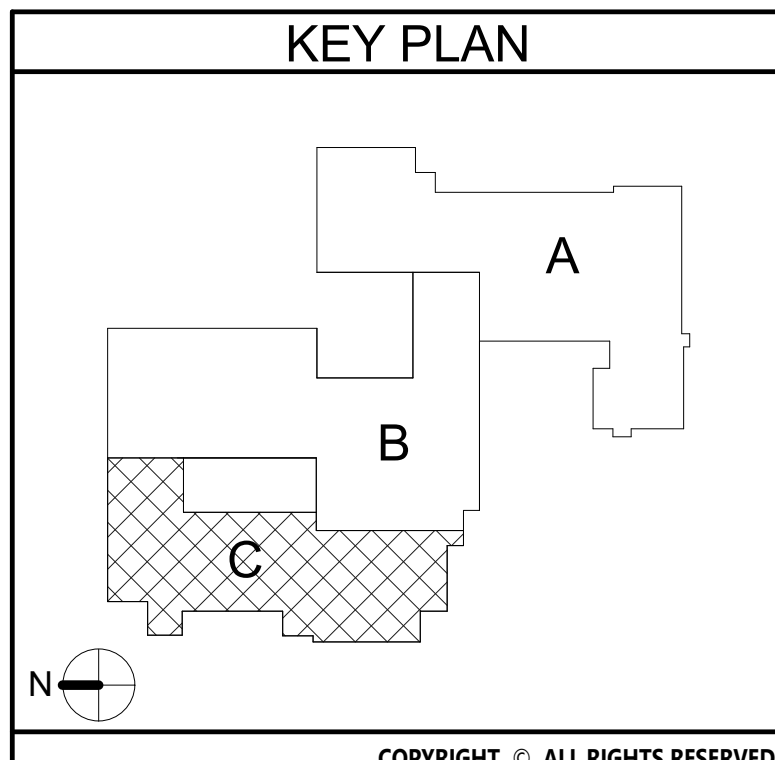


② CEILING FRAMING PLAN  
3/16" = 1'-0"

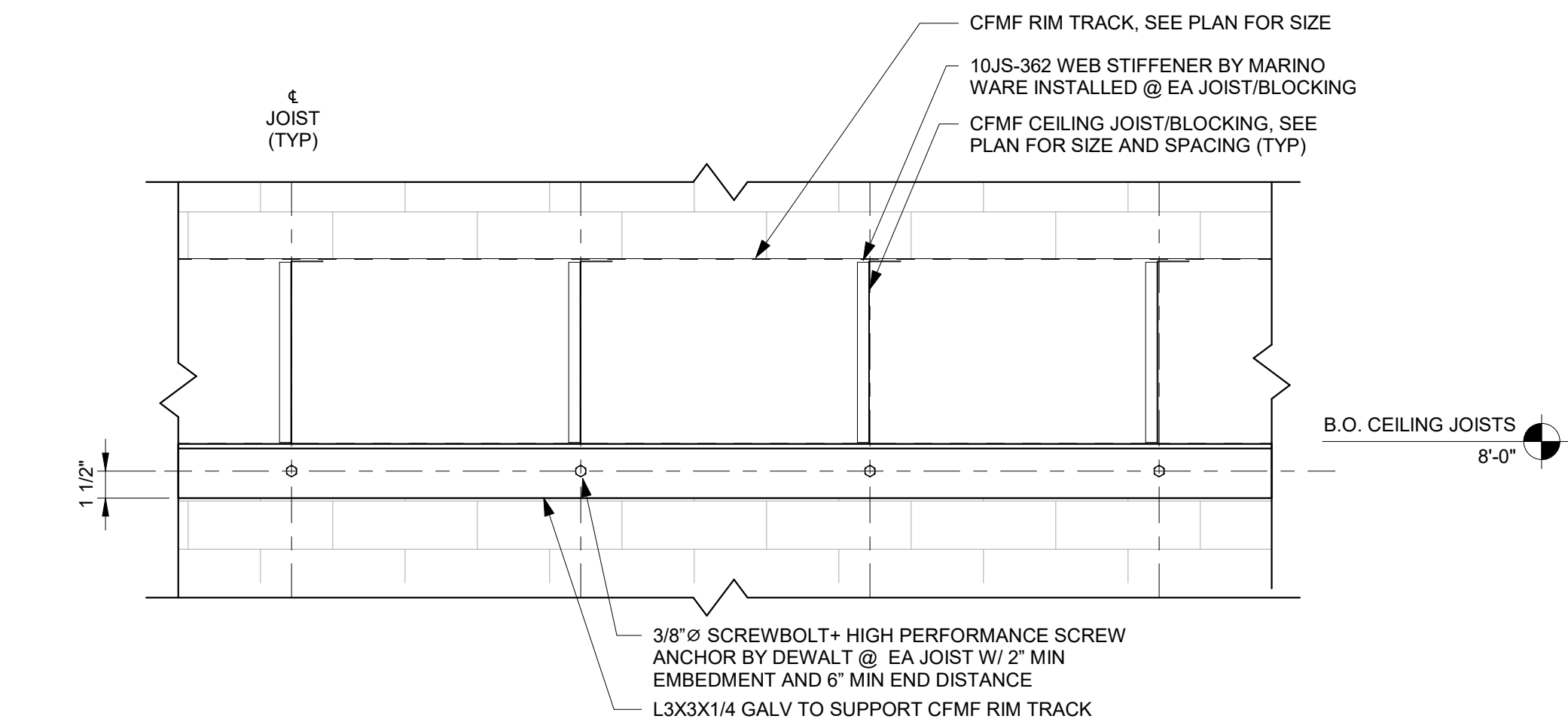
- NOTES:
1. INDICATES DECK SPAN DIRECTION.
  2. CEILING JOISTS REQUIRE WEB STIFFENERS
  3. ALL COLD-FORMED JOISTS, HEADERS, AND BEARING WALLS ARE TO BE MIN. 50 KSI
  4. HEADERS ARE CONSTRUCTED OF (2) "BOXED" MEMBERS
  5. COORD. AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCH. FOR DIMENSIONS NOT SHOWN.
  6. FOR NON-STRUCTURAL WALLS, SEE ARCH. DWGS
  7. SEE MEP DRAWINGS FOR LOCATIONS OF CEILING PENETRATIONS



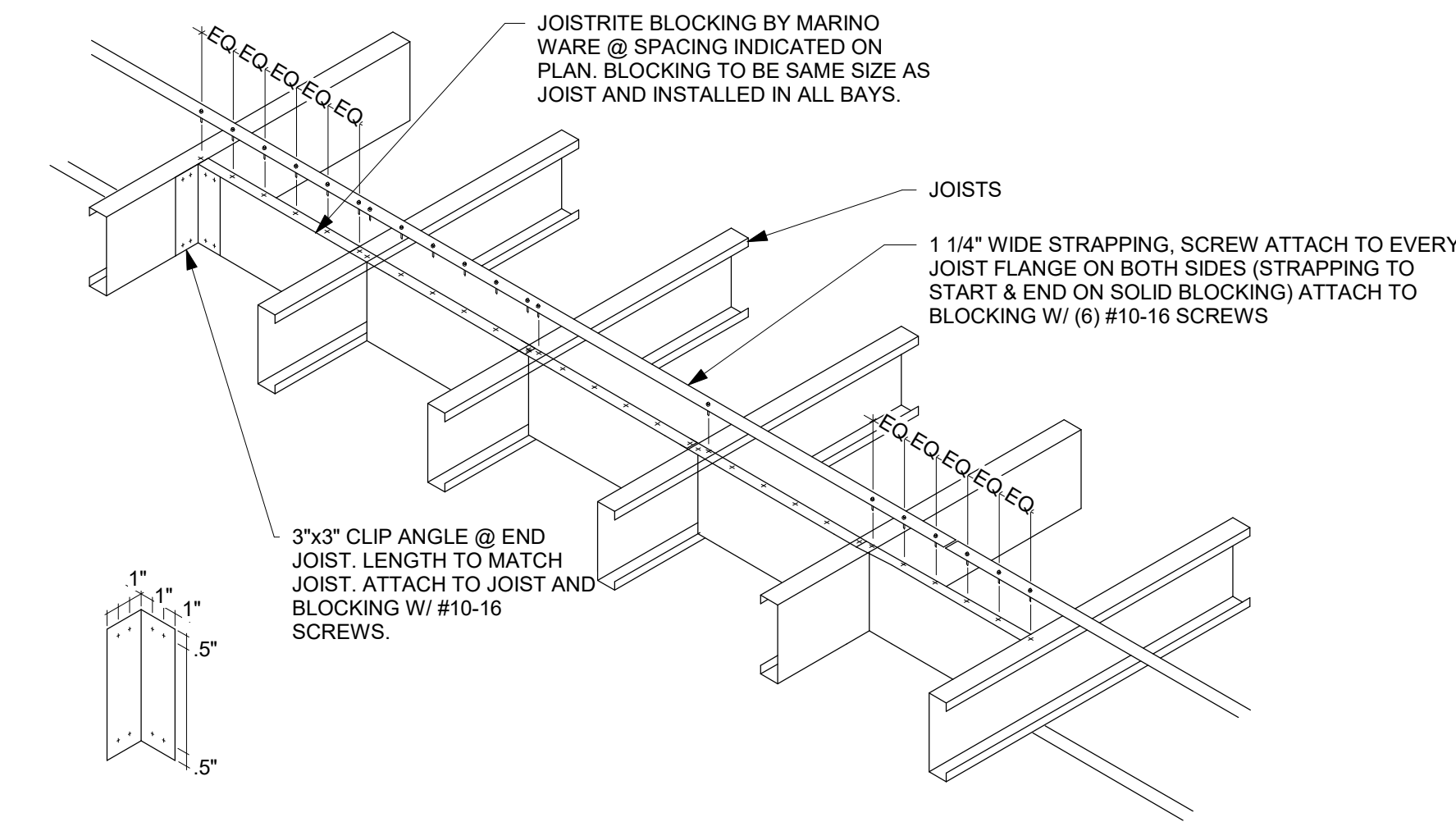
④ TYPICAL CEILING FRAMING @ OPENING  
1" = 1'-0"





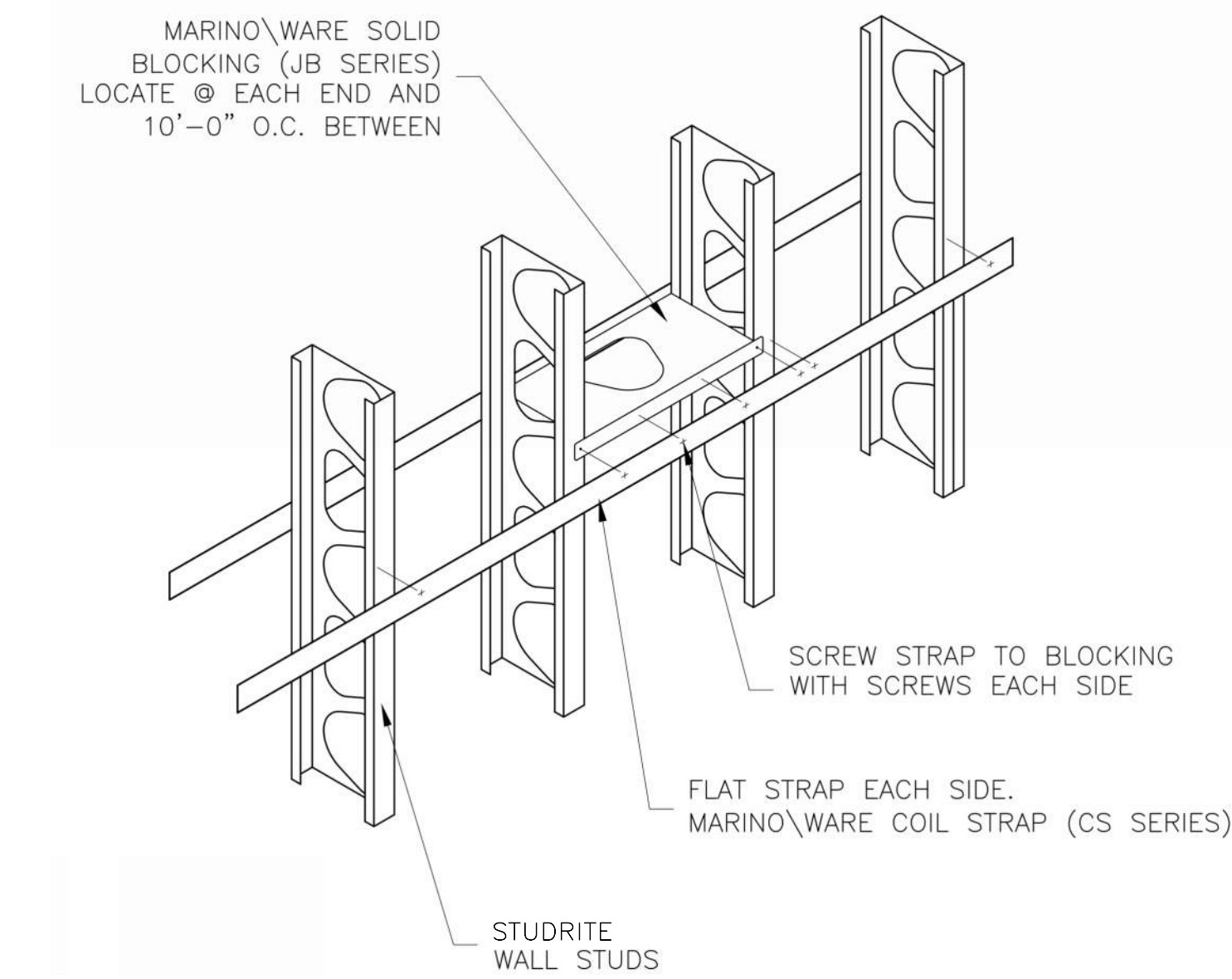


1 CFMF LEDGER ATTACHMENT ELEVATION  
1 1/2" = 1'-0"



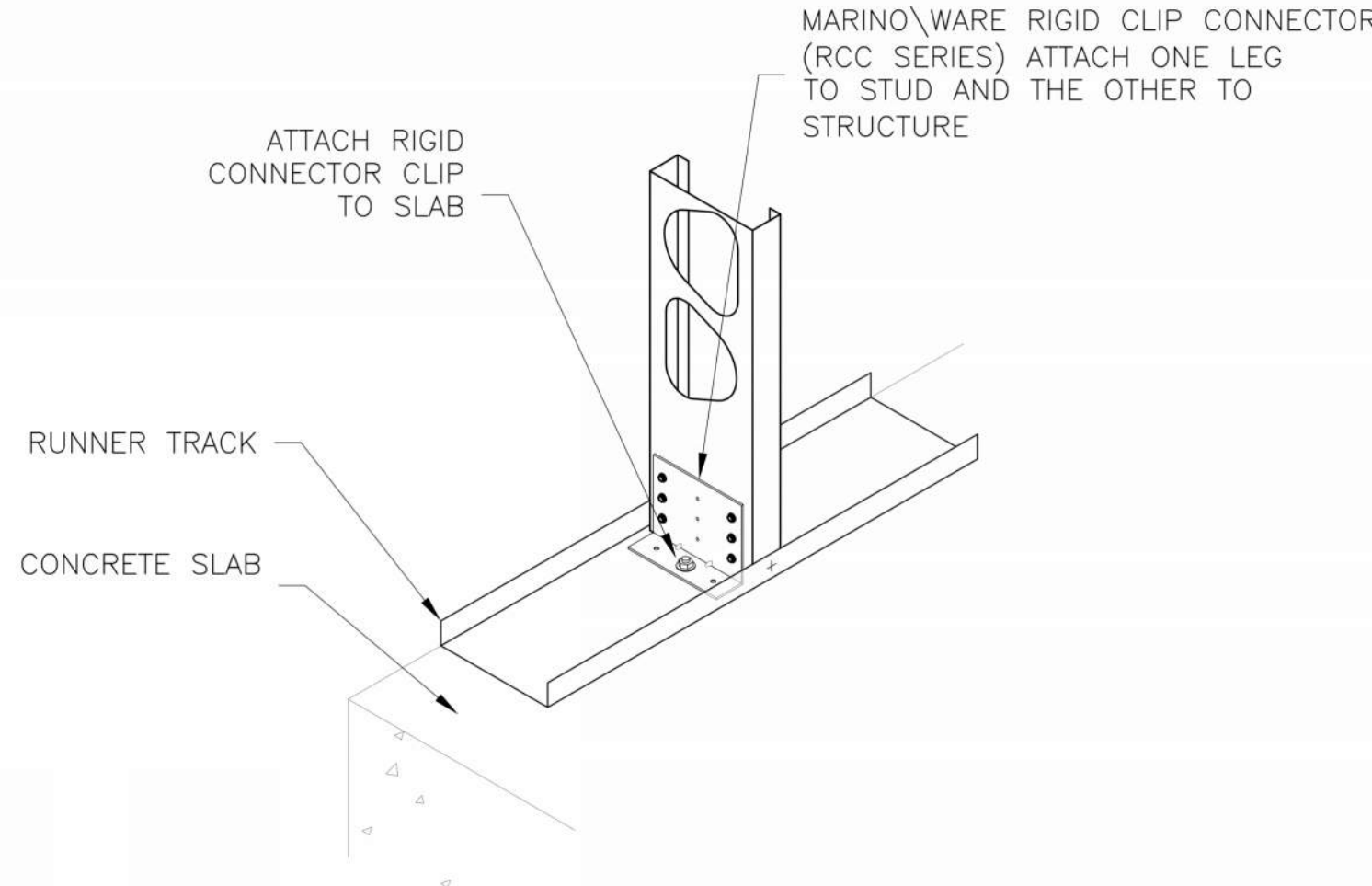
4 TYPICAL JOIST BRIDGING  
N.T.S

NOTES:  
1. TOP STRAP NOT REQ'D W/ DECKING.



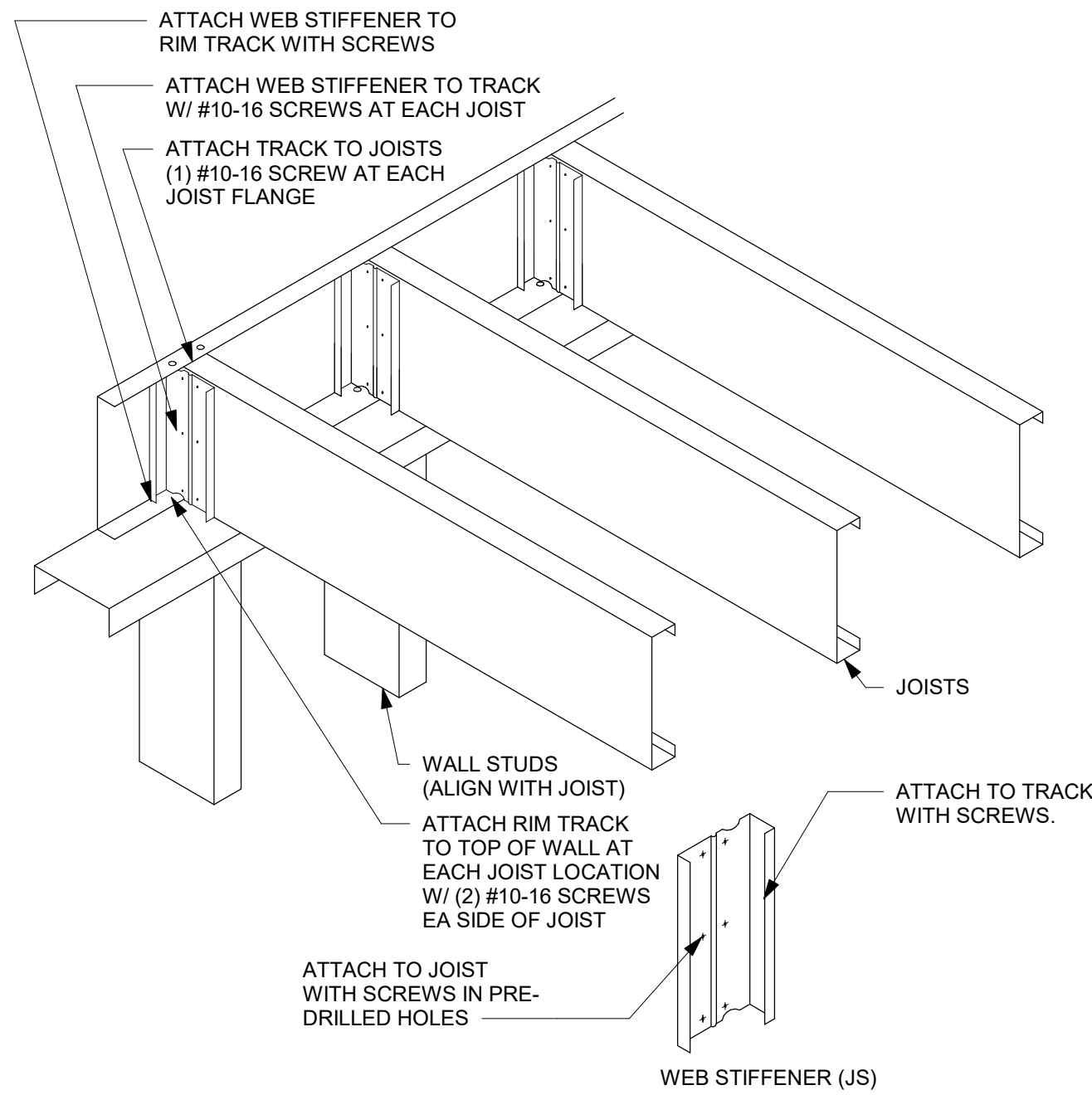
7 LATERAL WALL BRACING  
N.T.S

NOTE:  
1. STRAPPING TO BE LOCATED @ BOTTOM AND TOP OF WALL AND SPACED @ 48" O.C IN BETWEEN.

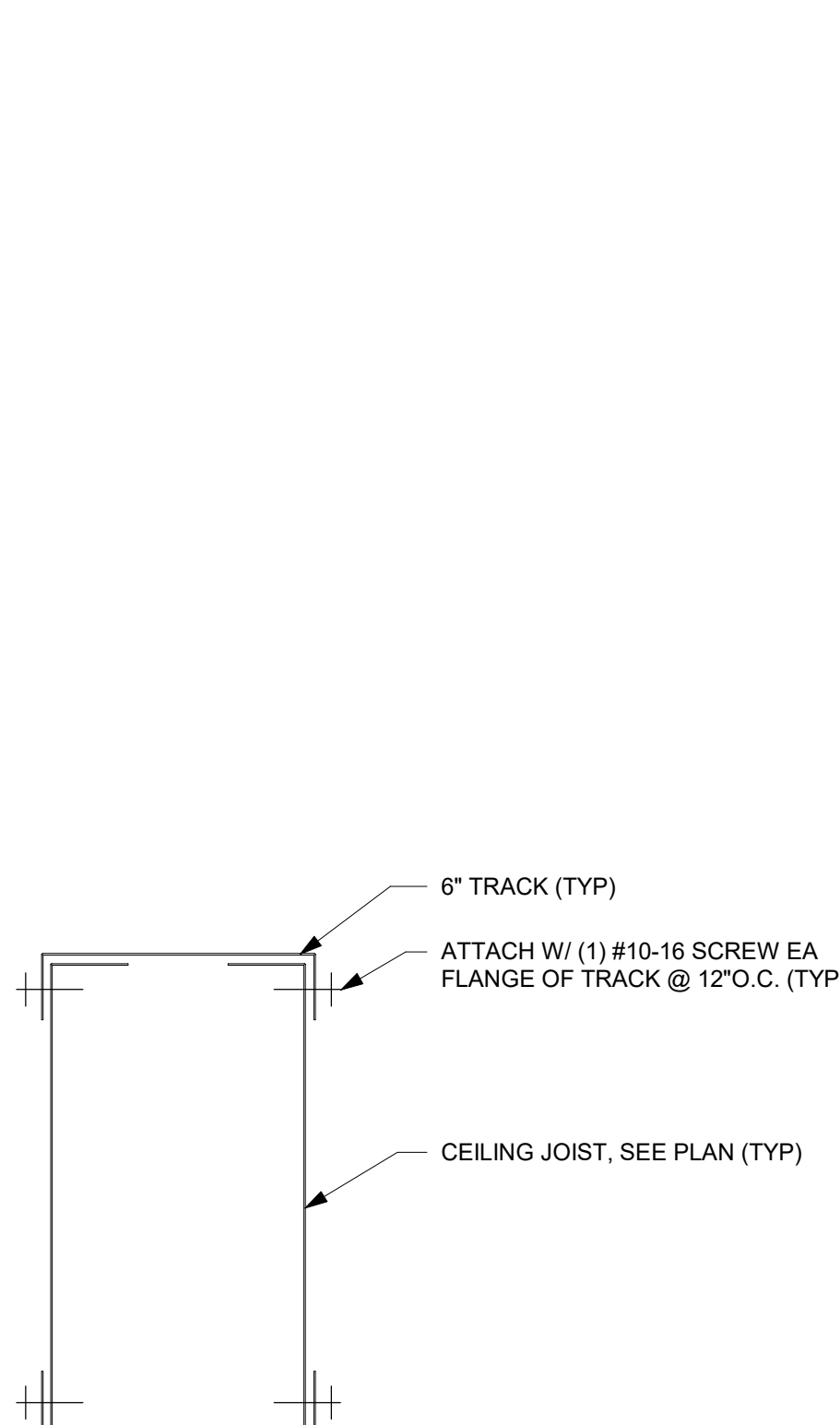


2 STUDS IN PLACE  
N.T.S

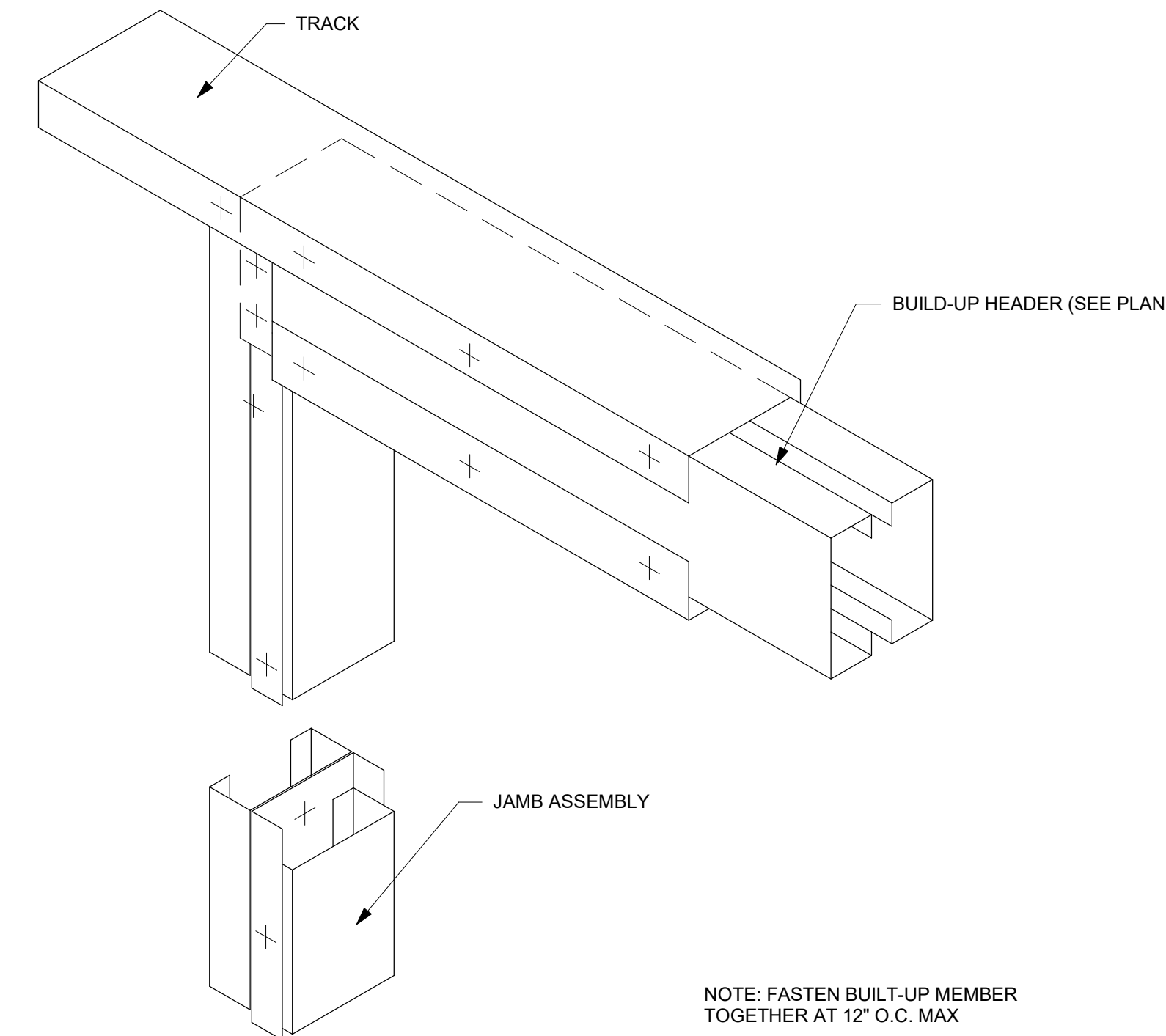
NOTES:  
1. USE RCC358 RIGID CLIP CONNECTION @ EA WALL STUD. ATTACH TO STUD W/ (3) #10-16 SCREWS IN TOP ROW OF BRACKET. ATTACH TO CONC SLAB W/ 1/2"x3" TAPCON+ HEAVY DUTY ANCHOR



5 TYPICAL LOAD BEARING WALL  
N.T.S

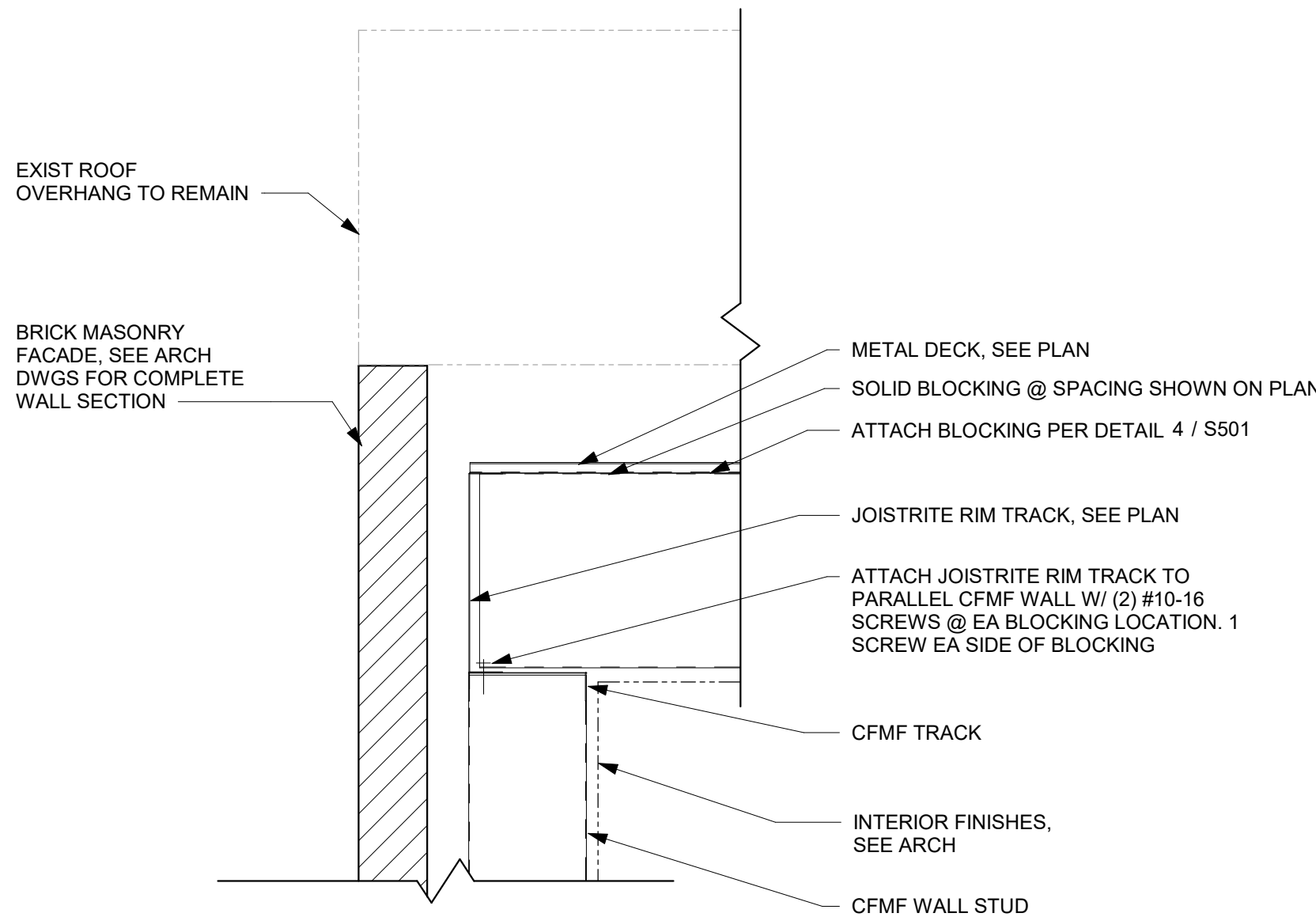


8 TYPICAL BOXED TRIMMER/HEADER  
3' = 1'-0"

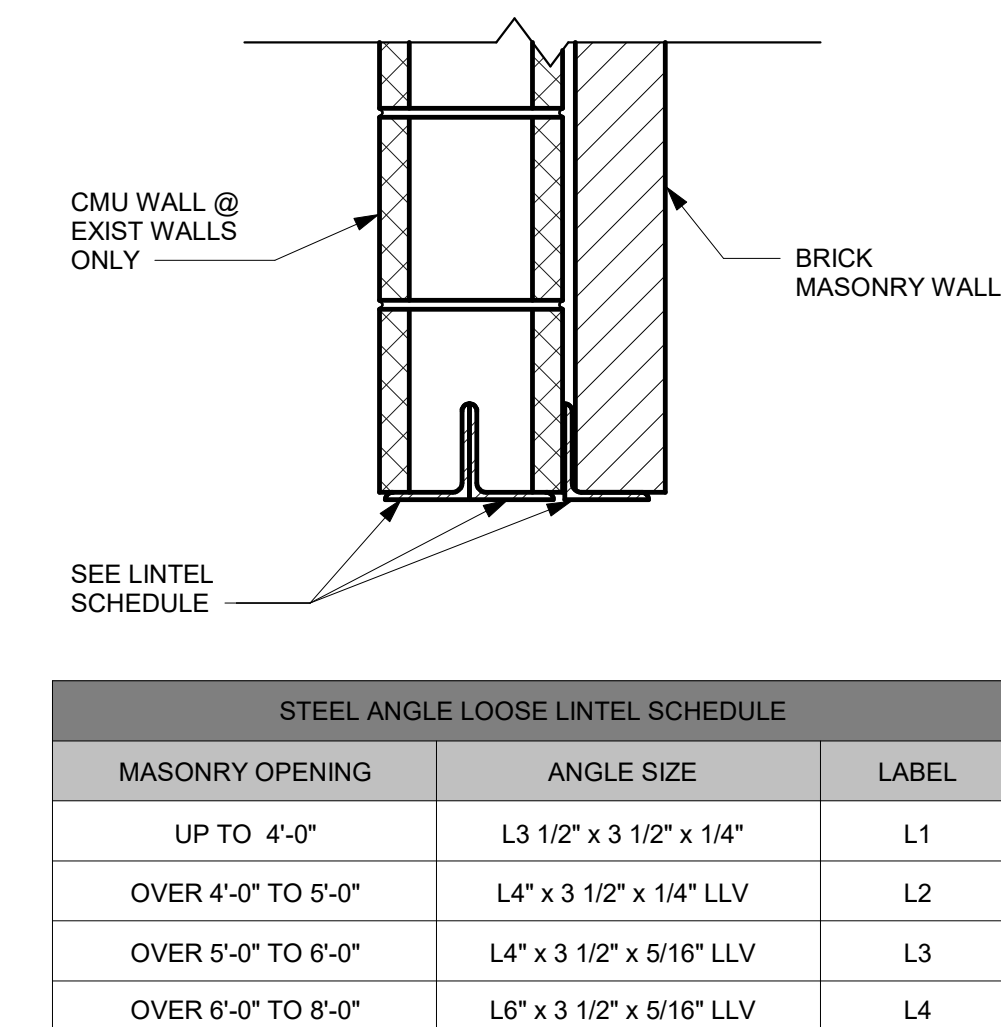


3 BEARING HEADER  
N.T.S

NOTE: FASTEN BUILT-UP MEMBER TOGETHER AT 12" O.C. MAX



6 JOIST TO PARALLEL WALL CONNECTION  
1 1/2" = 1'-0"

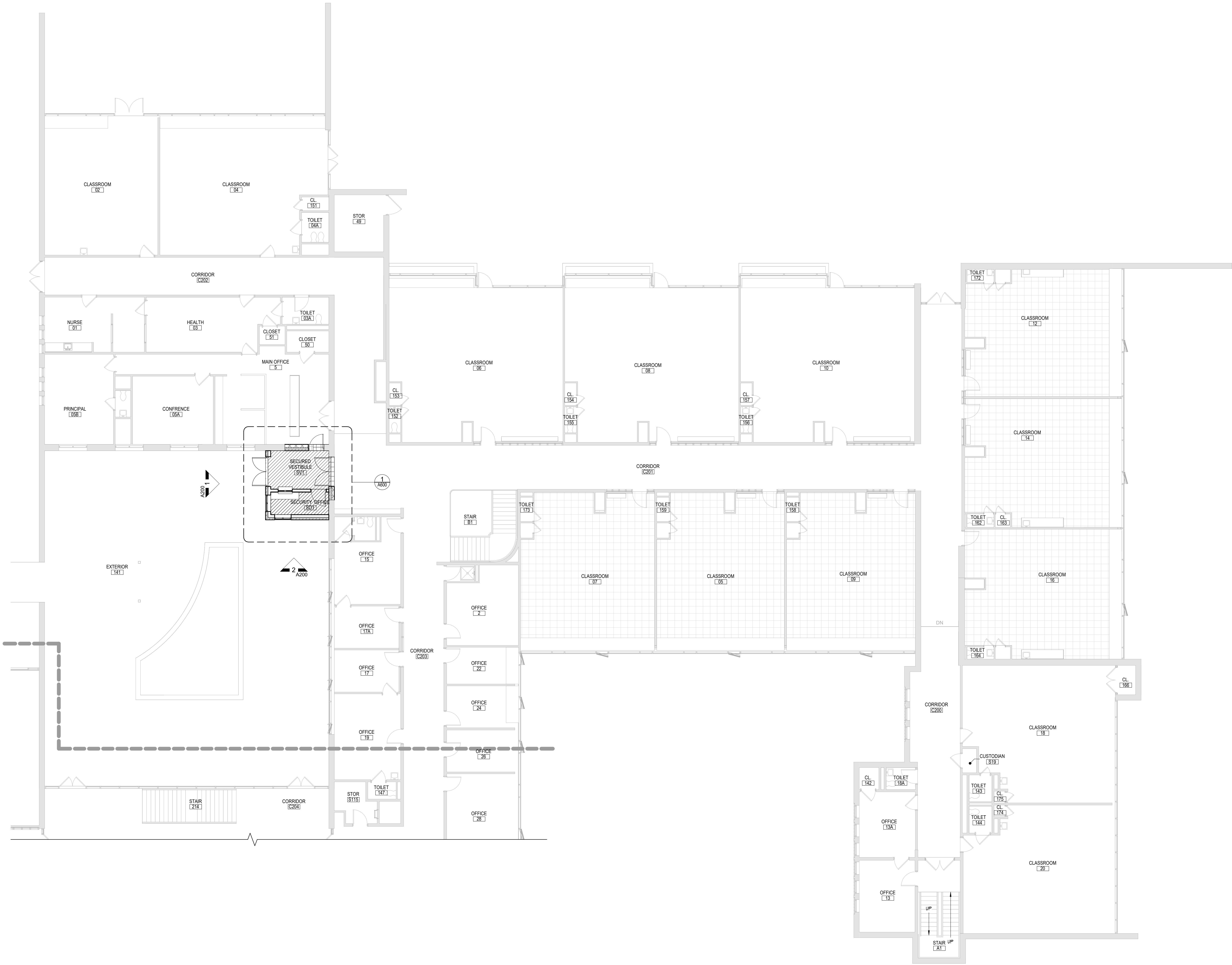


9 LOOSE LINTEL SCHEDULE  
N.T.S

NOTES:  
1. PROVIDE 1 ANGLE FOR EACH 4" OF MASONRY WIDTH.  
2. BEAR LINTELS 6" MINIMUM EACH END OF OPENING.  
3. PROVIDE SOLID MASONRY AT LINTEL BEARING.  
4. WHERE LINTEL BEARING INTERFERES WITH CONTROL JOINT PLACEMENT, PROVIDE FLEXIBLE CAULK JOINT AT THIS LOCATION.  
5. ALL EXTERIOR EXPOSED LINTELS ARE TO BE HOT-DIP GALVANIZED.  
6. SEE ARCH AND MECH DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.  
7. CONSULT THE ENGINEER TO CONFIRM LINTEL REQUIREMENTS WHEN THE LINTEL SIZE IS NOT SHOWN ON PLAN AND ONE OF THE FOLLOWING OCCURS:  
A. WHEN LINTEL OPENING OCCURS IN BEARING WALLS.  
B. THE HEIGHT OF CMU ABOVE LINTEL IS LESS THAN THE OPENING WIDTH.  
C. A CONTROL JOINT IS LOCATED DIRECTLY ABOVE OR WITHIN 16" OF THE JAMB OPENING.  
8. PLANS DO NOT SHOW THE FULL SCOPE OF STEEL LINTELS REQUIRED FOR NEW WALL OPENINGS FOR DOORS, WINDOWS, DUCTS, LOUVERS, ETC. FOR MASONRY OPENING SIZE, SEE ARCH AND MECH DRAWINGS.  
9. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, PROVIDING, AND INSTALLING ALL TEMPORARY SHORING THAT IS REQUIRED TO SUPPORT EXISTING STRUCTURE DURING CONSTRUCTION DUE TO THE REMOVALS FOR INSTALLATION OF NEW CONSTRUCTION IN ACCORDANCE WITH GENERAL NOTES ON SHEET S-001.



C:\Users\collura\Documents\188-2301\00 WILLIAM B. WARD ES COLLURA\AREA 'A'



**1** AREA 'A' FIRST FLOOR PLAN  
A113 1/8" = 1'-0"

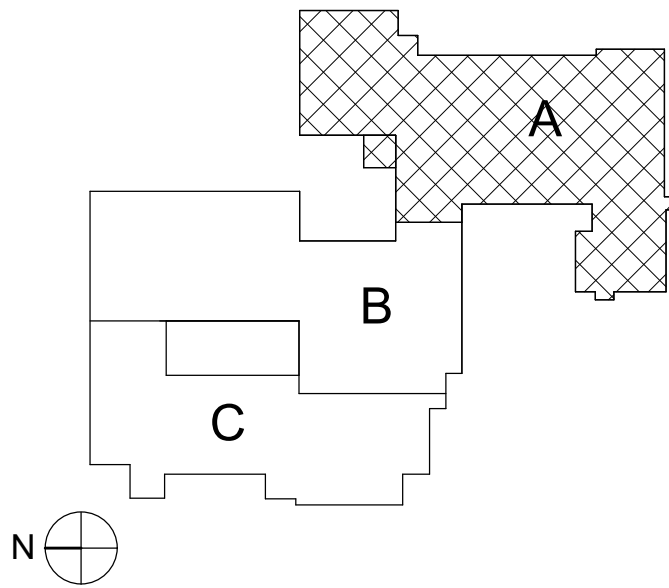
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A200 SERIES DRAWINGS FOR EXTERIOR ELEVATIONS, ADDITIONAL INFORMATION ON MASONRY SCOPE.
3. REFER TO A300 FOR WALL AND PLAN SECTIONS.
4. REFER TO A600 SERIES DRAWINGS FOR ENLARGED PLANS, INTERIOR ELEVATIONS, RCP, RCP NOTES, AND SECURITY PARTITION INFORMATION.
5. REFER TO A900 SERIES DRAWINGS FOR DOOR, WINDOW DETAILS AND NOTES.
6. REFER TO AF SERIES DRAWINGS FOR FINISH PLANS, SCHEDULES, AND ADDITIONAL NOTES.

KEY NOTES

#	DESCRIPTION
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KEY PLAN



19 Front St., Newburgh, New York 12550-7601  
845.561.3379 www.csarch.com

CSARCH

CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
2023 CAPITAL PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

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CSArch Proj. #: 188.2301.00  
Issued for Bid: 10/14/2024

Sheet Title

AREA 'A' -  
PARTIAL FIRST  
FLOOR PLAN

Sheet No.

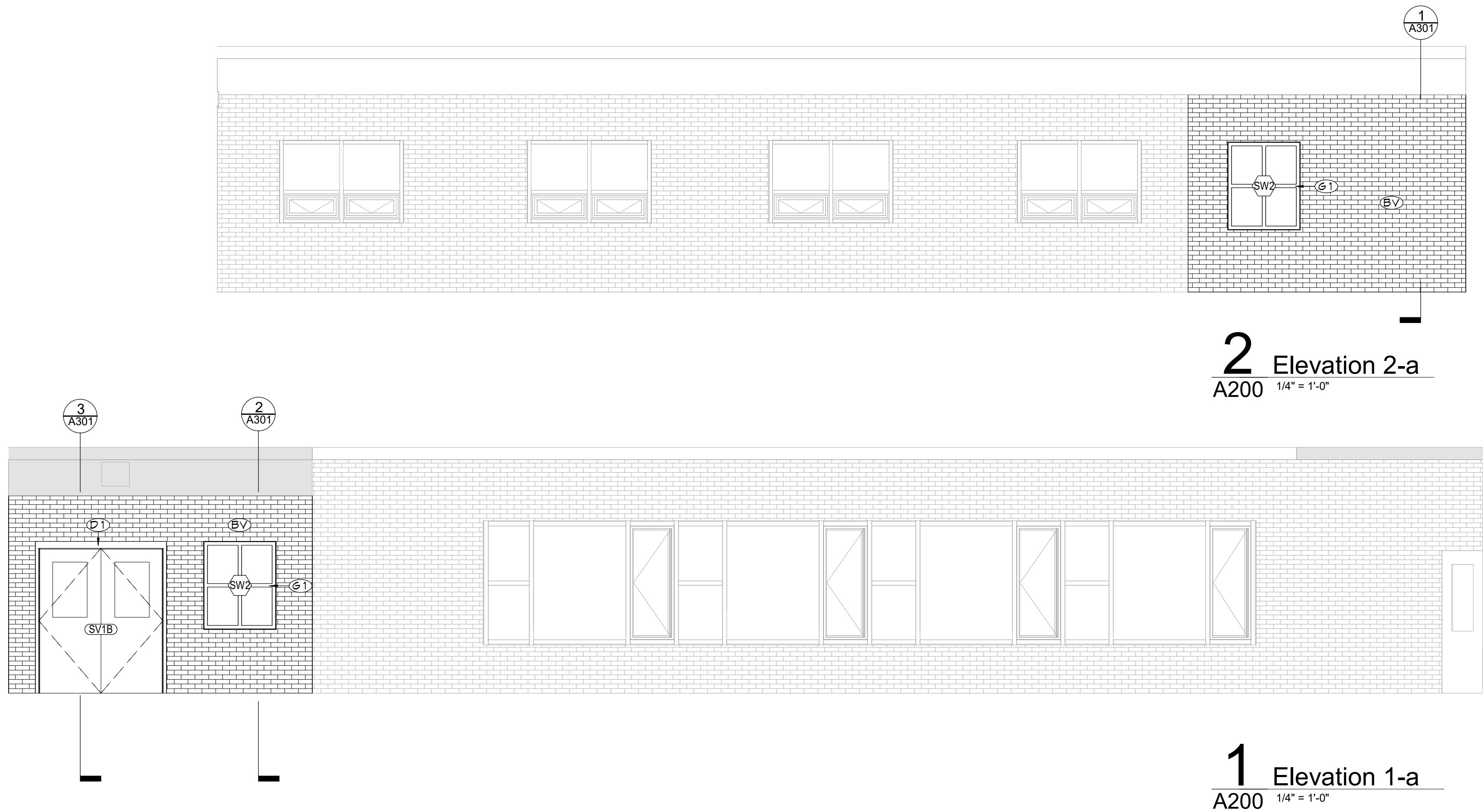
WBW  
A113

CONSTRUCTION DOCUMENTS

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- ### GENERAL NOTES
1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
  2. REFER TO A200 SERIES DRAWINGS FOR EXTERIOR ELEVATIONS, ADDITIONAL INFORMATION ON MASONRY SCOPE.
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KEY NOTES	
#	DESCRIPTION
BV	BRICK VENEER
D 1	PROVIDE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY.
E 2	ELECTRICAL INSTALLATION, TYPICAL REFER TO 'E' DRAWINGS.
G 1	PROVIDE NEW SPECIFIED WINDOW SYSTEM.
LV	LOUVER FOR NEW UNIT VENTILATOR, COORDINATE WITH MECHANICAL DRAWINGS AND CONTRACTOR.
M 1	MECHANICAL INSTALLATION, TYPICAL REFER TO 'M' DRAWINGS.

### KEY PLAN

N

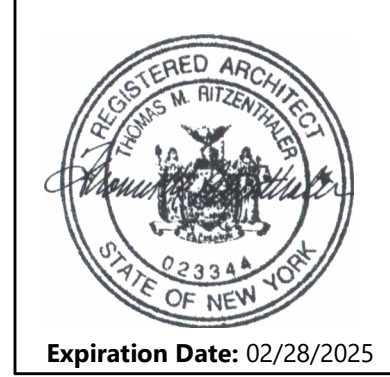
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Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
2023 CAPITAL PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

Drawn By: *William B. Ward* Author  
Checked By: *William B. Ward* Checker  
Proj. #: 66-11-00-01-0-013-016  
CSArch Proj. #: 188.2301.00  
Issued for Bid: 10/14/2024

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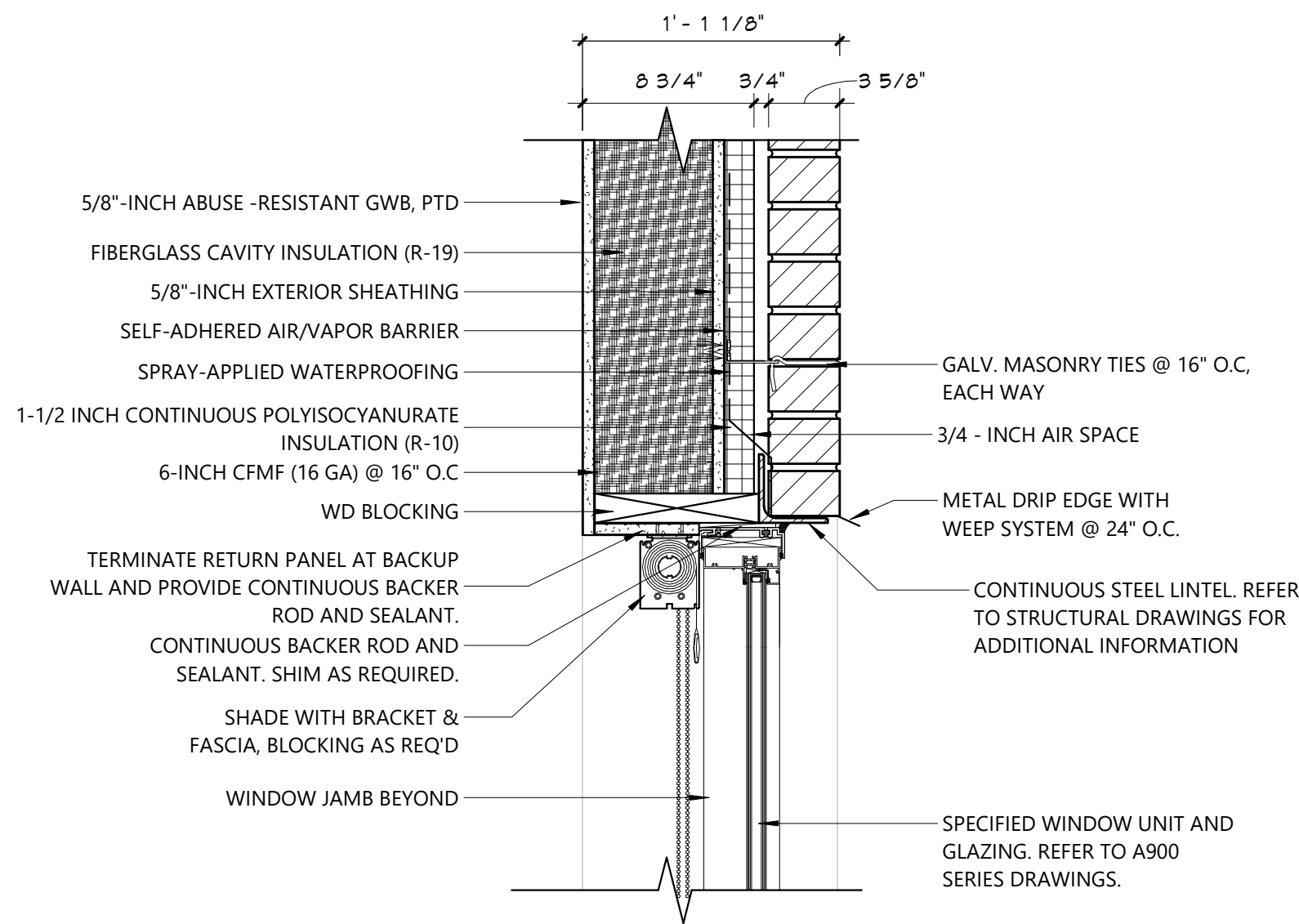
EXTERIOR ELEVATIONS

Sheet No.

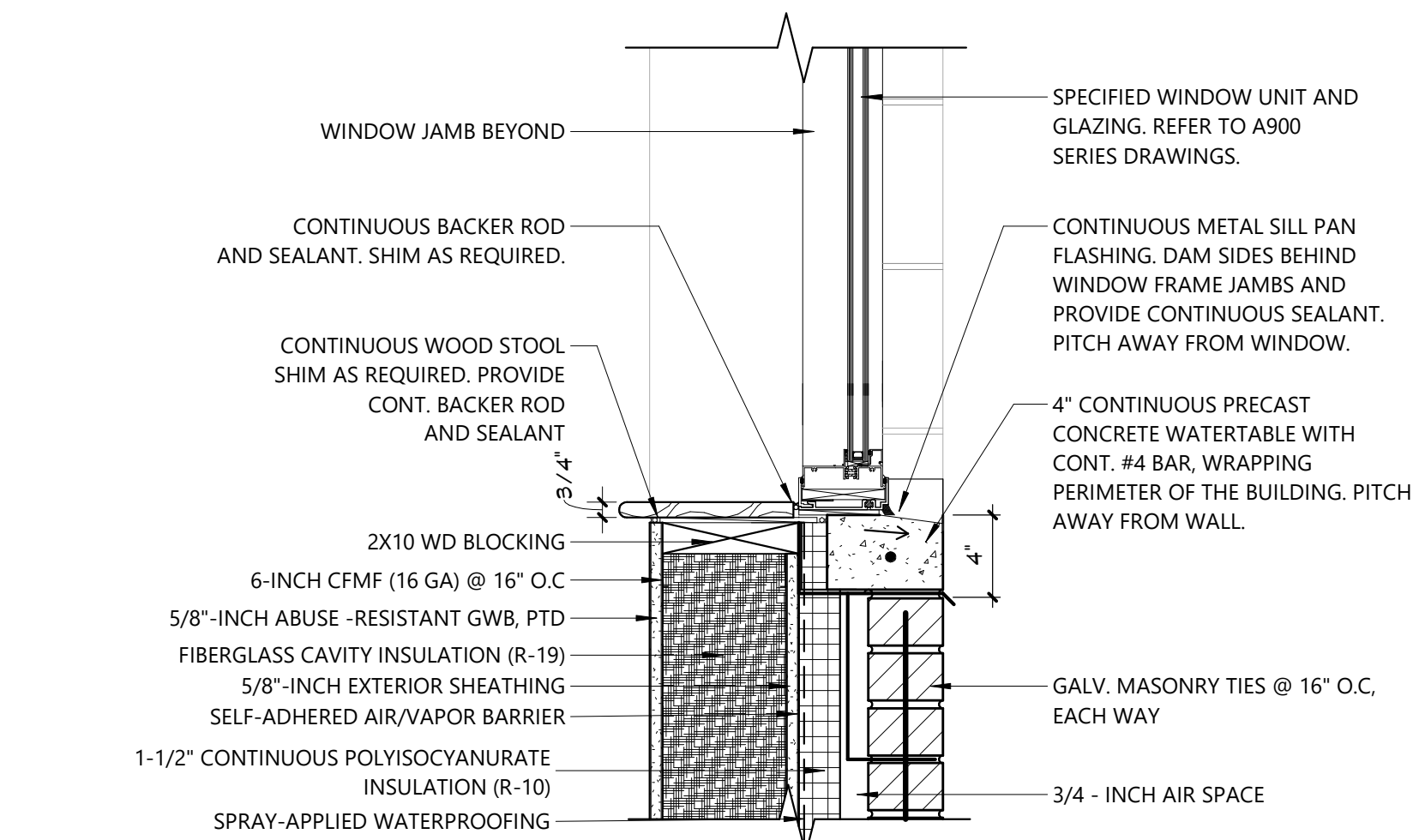
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CONSTRUCTION DOCUMENTS

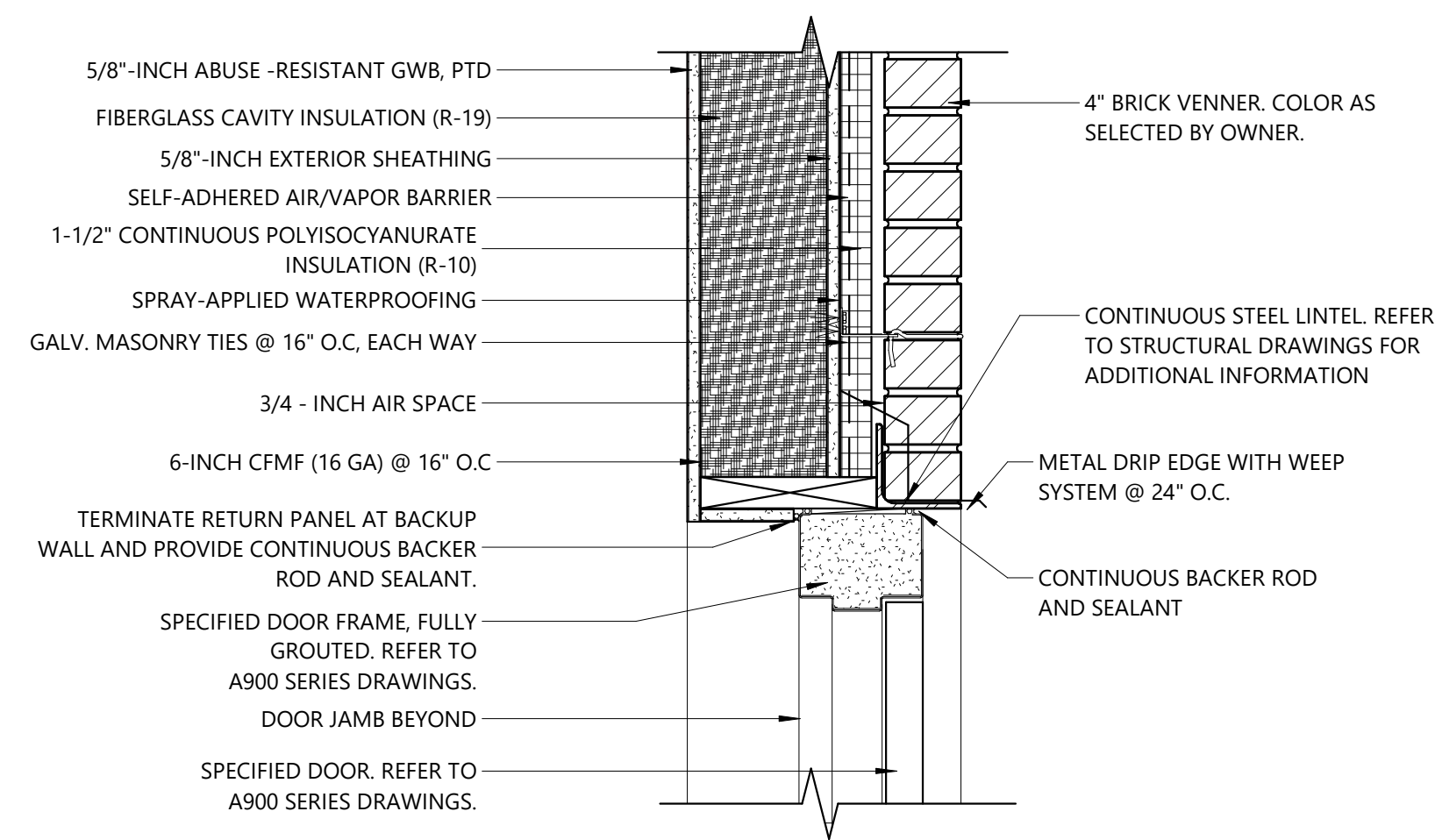




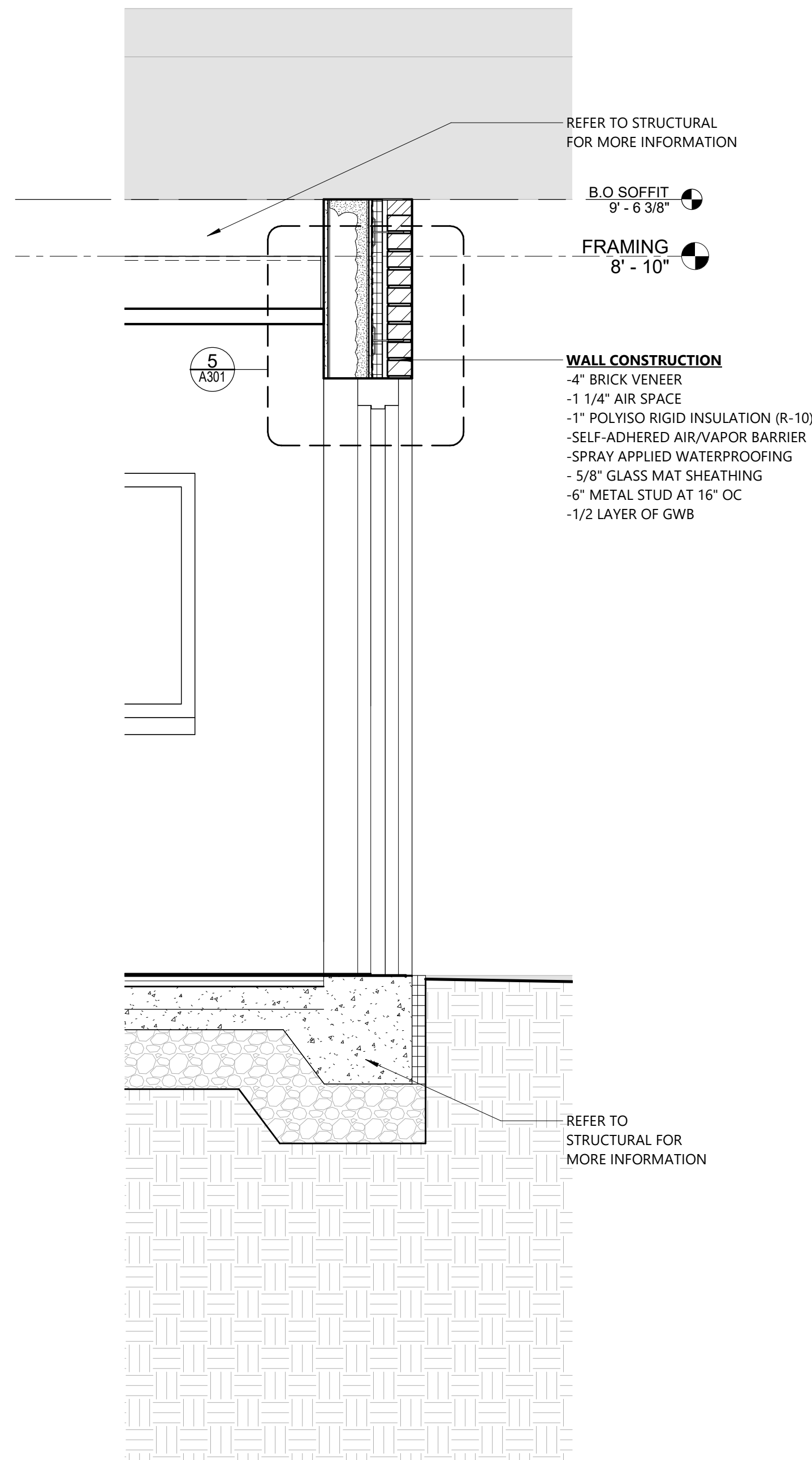
6 DETAIL - WINDOW HEAD (TYP.)  
A301 1 1/2" = 1'-0"



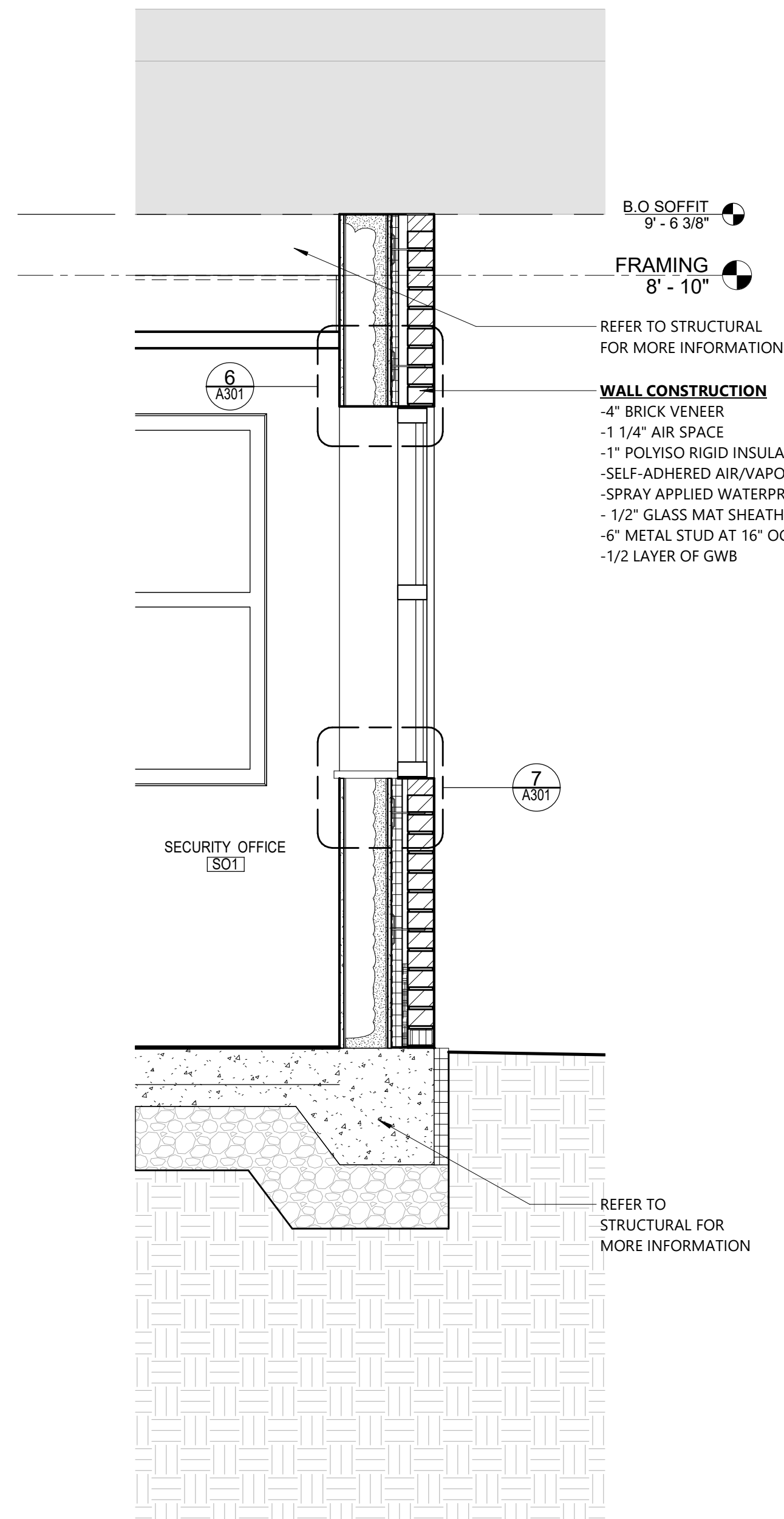
7 DETAIL - WINDOW SILL AT BASE (TYP.)  
A301 1 1/2" = 1'-0"



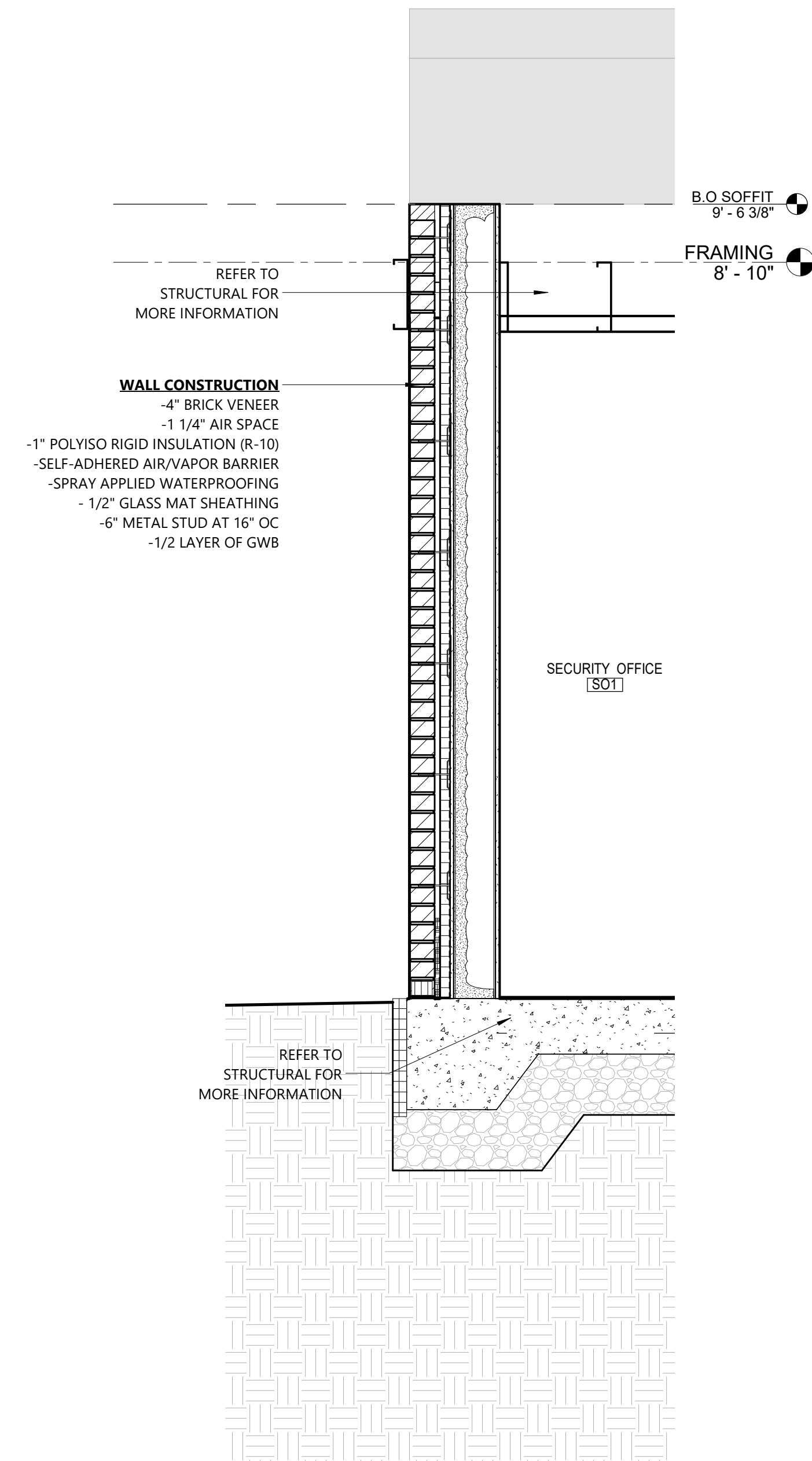
5 DETAIL - DOOR HEAD (TYP.)  
A301 1 1/2" = 1'-0"



3 WALL SECTION AT DOOR  
A301 3/4" = 1'-0"



2 WALL SECTION AT WINDOW  
A301 3/4" = 1'-0"

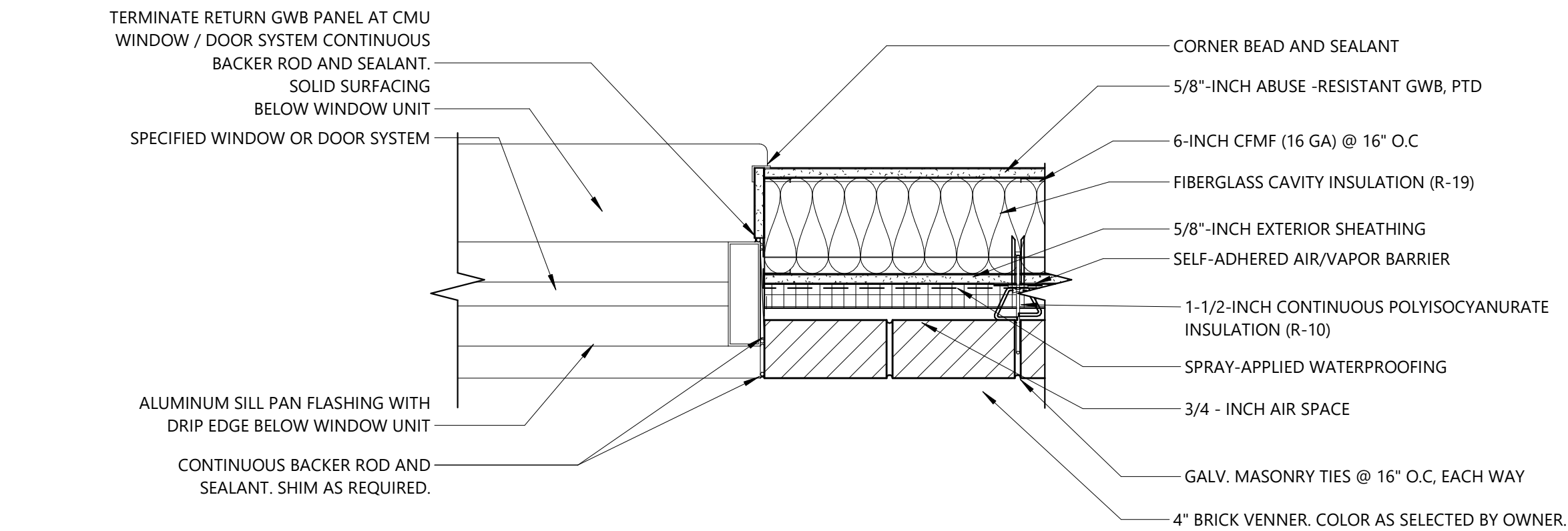


1 WALL SECTION  
A301 3/4" = 1'-0"

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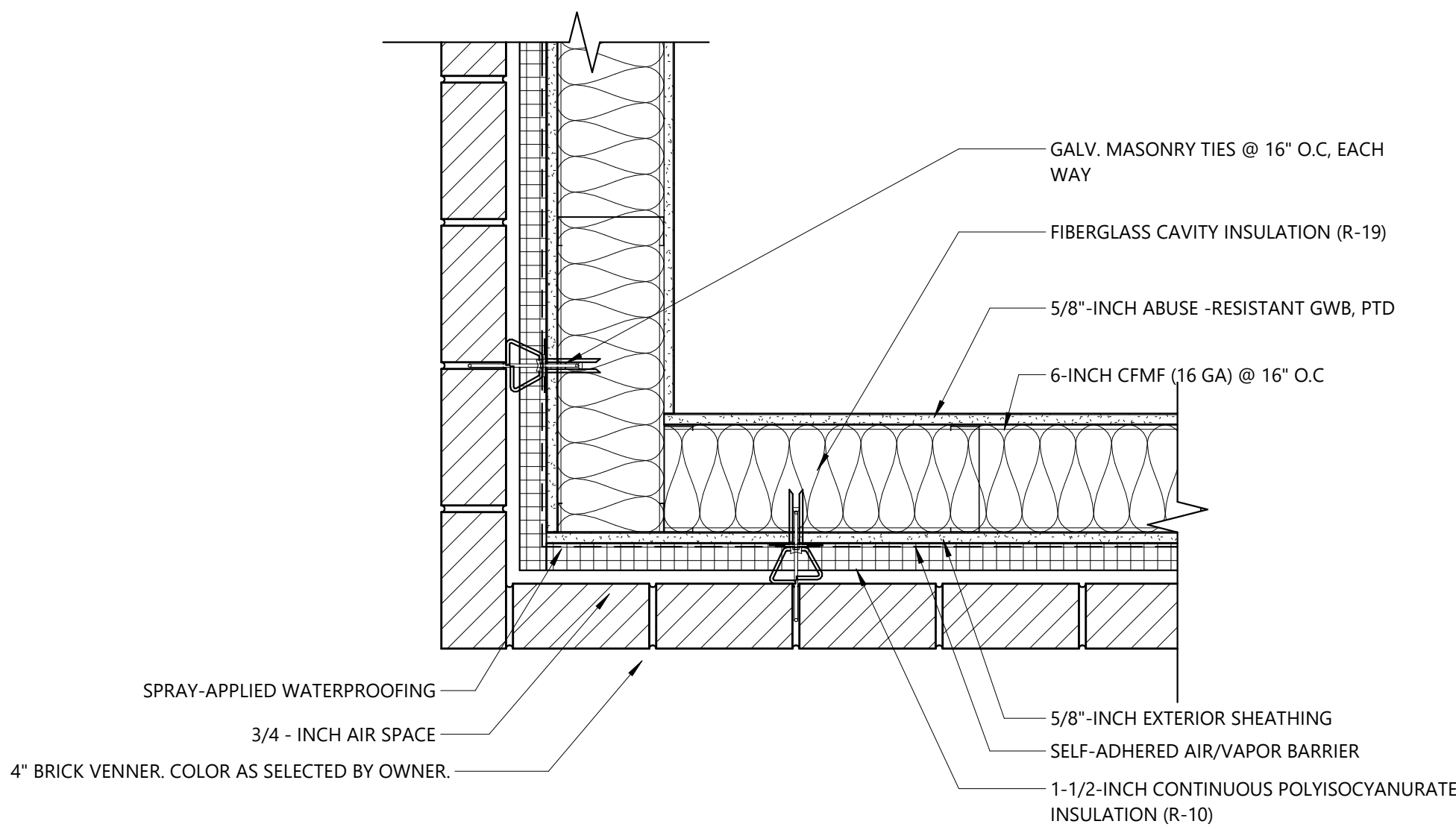


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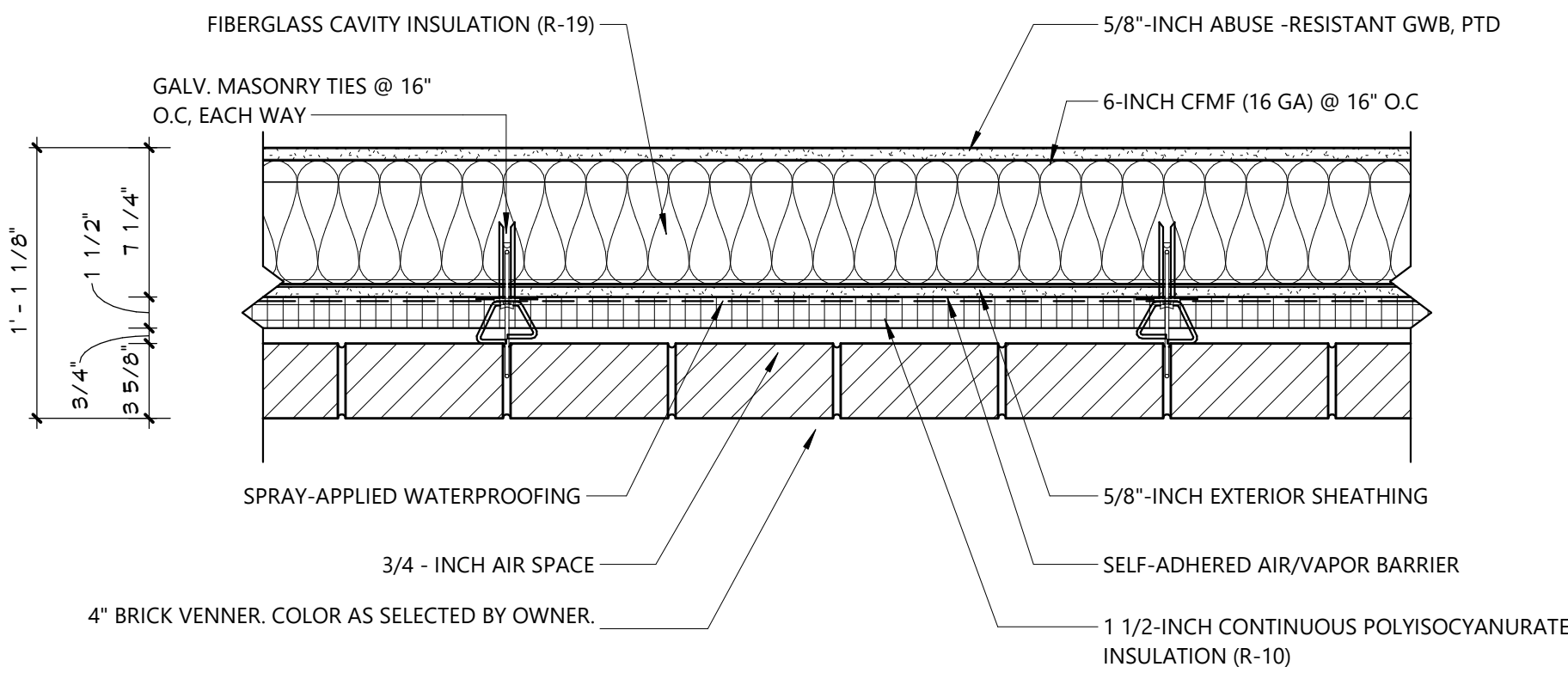
3  
A352  
1 1/2" = 1'-0"

DETAIL - DOOR JAMB (TYP.)



2  
A352  
1 1/2" = 1'-0"

DETAIL - OUTSIDE CORNER (TYP.)



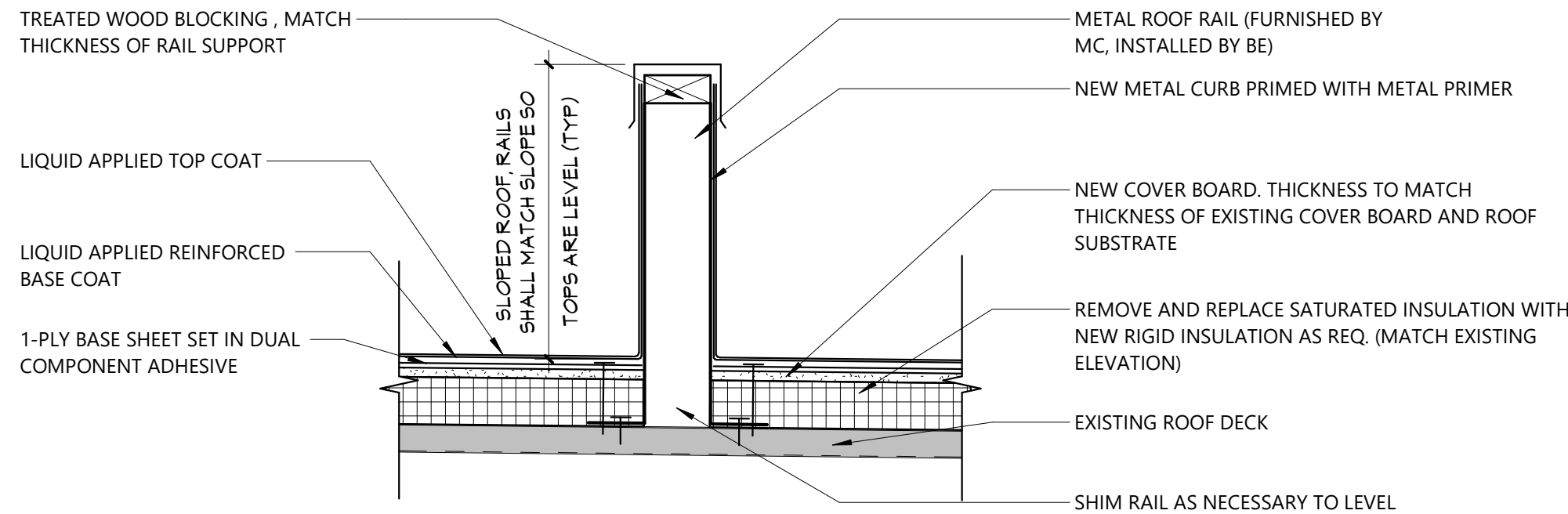
1  
A352  
1 1/2" = 1'-0"

DETAIL - WALL PLAN (TYP) - METAL STUD BACKUP

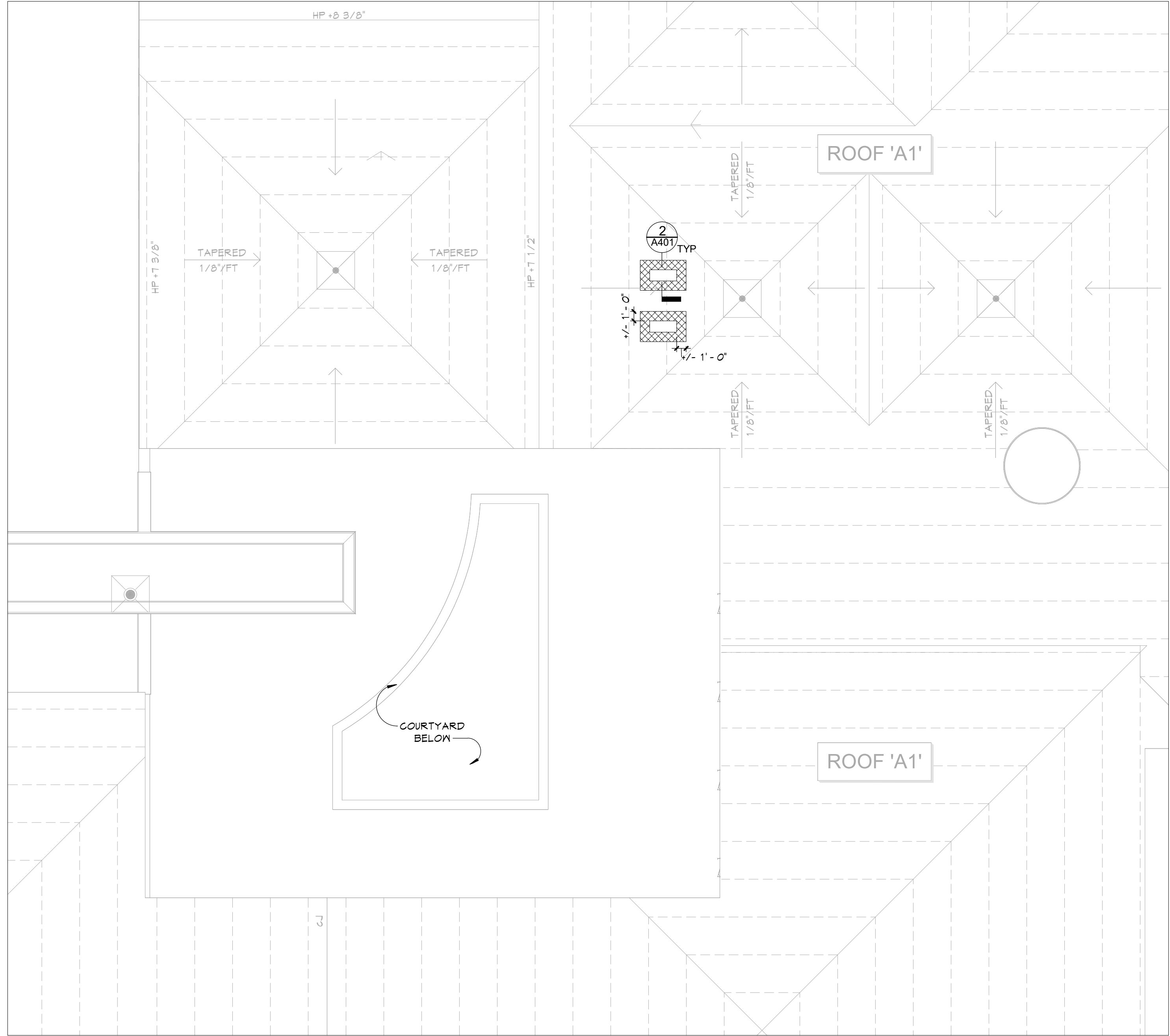
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Drawn By:	Author:
Checked By:	Checker:
Proj. #:	66-11-00-81-0-013-016
CSArch Proj. #:	188.2301.00
Issued for Bid:	10/14/2024





2 EQUIPMENT RAIL DETAIL  
A401 1/8" = 1'-0"



1 AREA 'A' ROOF PLAN  
A401 1/8" = 1'-0"

## GENERAL NOTES

- REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
- REFER TO A200 SERIES DRAWINGS FOR EXTERIOR ELEVATIONS, ADDITIONAL INFORMATION ON MASONRY SCOPE.
- REFER TO A300 FOR WALL AND PLAN SECTIONS.
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- REFER TO A900 SERIES DRAWINGS FOR DOOR, WINDOW DETAILS AND NOTES.
- REFER TO AF SERIES DRAWINGS FOR FINISH PLANS, SCHEDULES, AND ADDITIONAL NOTES.

## ROOF GENERAL NOTES

- PROVIDE CRICKETS (1" MINIMUM RISE) AT UPSLOPE SIDE OF ALL CURBS TO FACILITATE WATER RUNOFF AND REDUCE WATER DAMMING.
- PROVIDE PRE-MOLDED PIPE/CONDUIT FLASHING AT ALL ROUND ROOF PENETRATIONS.
- DIMENSIONS SHOWN ARE APPROXIMATE AND ARE BASED ON DOCUMENTS AVAILABLE DURING DESIGN.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS PRIOR TO COMMENCEMENT OF WORK.
- REPLACE ALL METAL FLASHING & COUNTER-FLASHING AT ROOF MEMBRANE TERMINATIONS WITH NEW METAL FLASHING AS SPECIFIED.
- COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- NEW ROOF CURBS PROVIDED BY MC AND INSTALLED BY GC. SIZE TO MATCH EXISTING PENETRATION FOR ALL EQUIPMENT SCHEDULED TO BE SALVAGED AND REINSTALLED. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- NEW EQUIPMENT SUPPORT RAILS WHERE REQUIRED, PROVIDED BY MC AND INSTALLED BY GC. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- HP (HIGH POINT) OF TAPERED INSULATION IS APPROXIMATE FROM TOP OF ROOF DECK. ACTUAL INSULATION THICKNESS MAY VARY. ADJUST DETAILS ACCORDINGLY.
- TOP OF ALL ROOF EDGES ARE TO BE LEVEL AND CONSTRUCTED ABOVE THE HIGHEST INSULATION POINT.
- REFER TO PLUMBING PLANS FOR LOCATIONS OF NEW ROOF DRAINS (IN ADDITION TO EXISTING DRAIN LOCATIONS)
- MAINTAIN EXISTING ROOF WARRANTY FOR ROOF AREAS TO REMAIN. COORDINATE ANY PENETRATIONS, PATCHES, AND FLASHING WITH MANUFACTURER OF EXISTING ROOF ASSEMBLY.

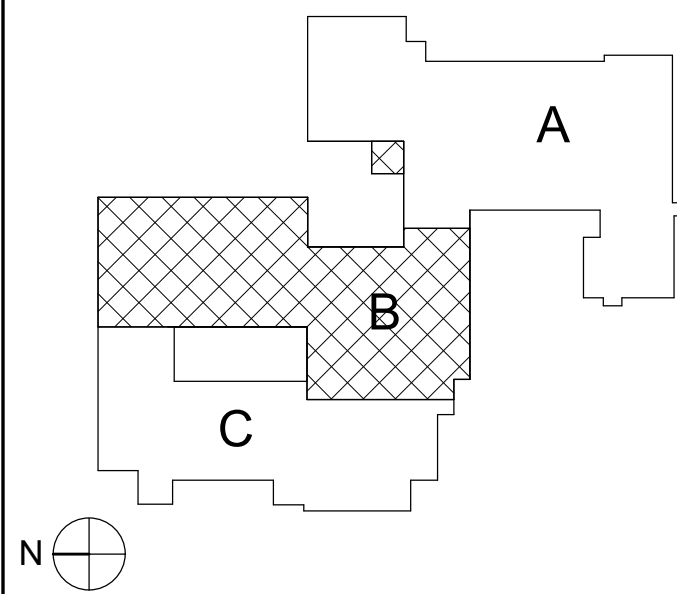
## ROOF LEGEND

- RD ROOF DRAIN
- PV VENT PIPE, PROVIDE PIPE BOOT
- CU CONDENSING UNIT
- EF EXHAUST FAN
- AH ROOF ACCESS HATCH
- INDICATES DIRECTION OF SLOPE
- ROOF LADDER
- NEW APPLIED LIQUID ROOF, REFER TO ROOF ASSEMBLIES BELOW
- EXISTING ROOF TO REMAIN
- EJ EXPANSION JOINT
- CJ CONSTRUCTION JOINT

## KEY NOTES

#	DESCRIPTION
R-6	PROVIDE CONDENSING UNIT EQUIPMENT SUPPORT RAIL. PROVIDE CURB WITH RUBBER BOOT AT ASSOCIATED PIPE PENETRATIONS. COORDINATE WITH M & S DSGS.

## KEY PLAN

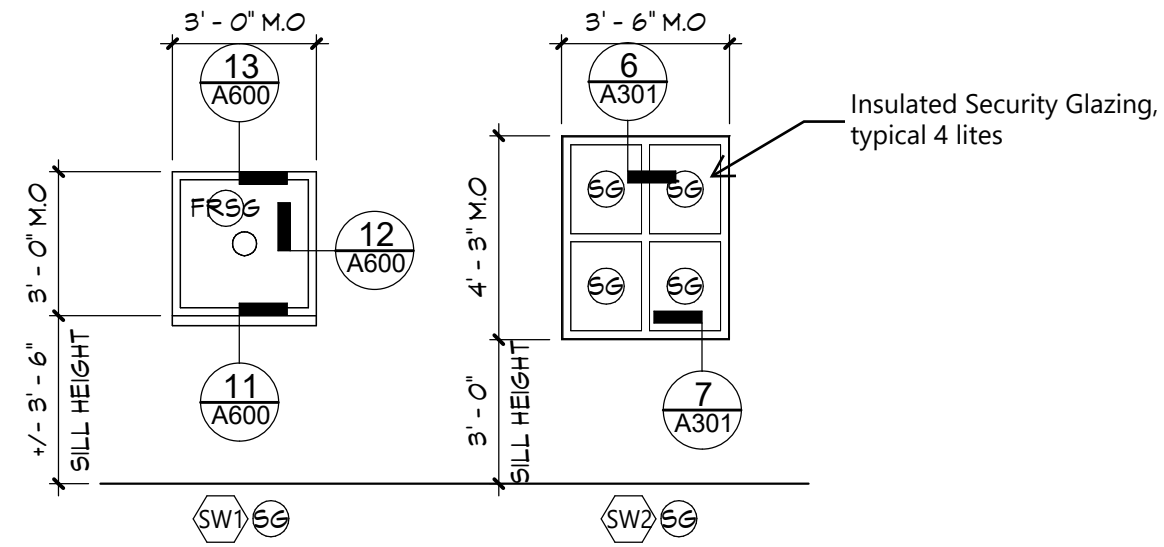






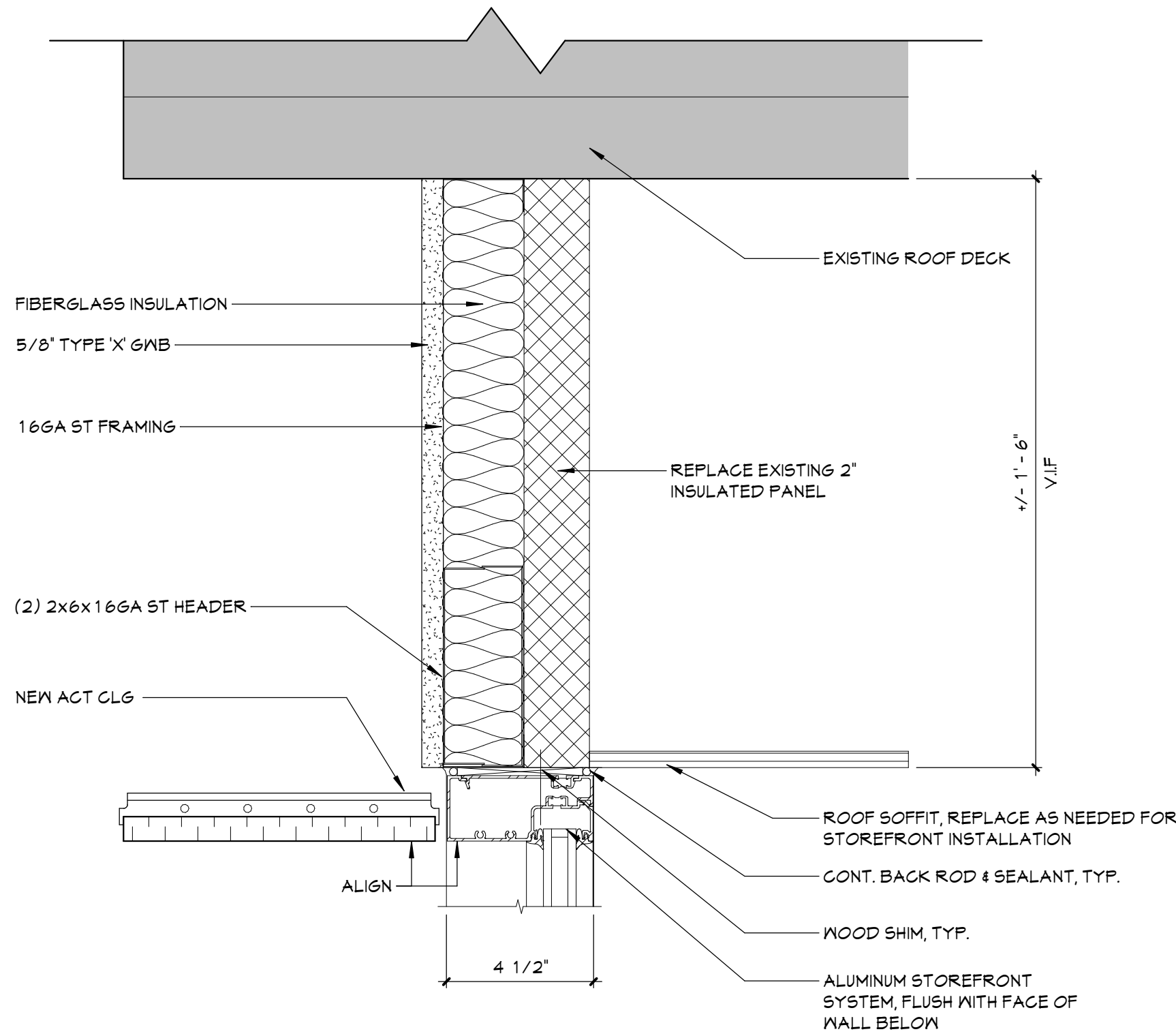


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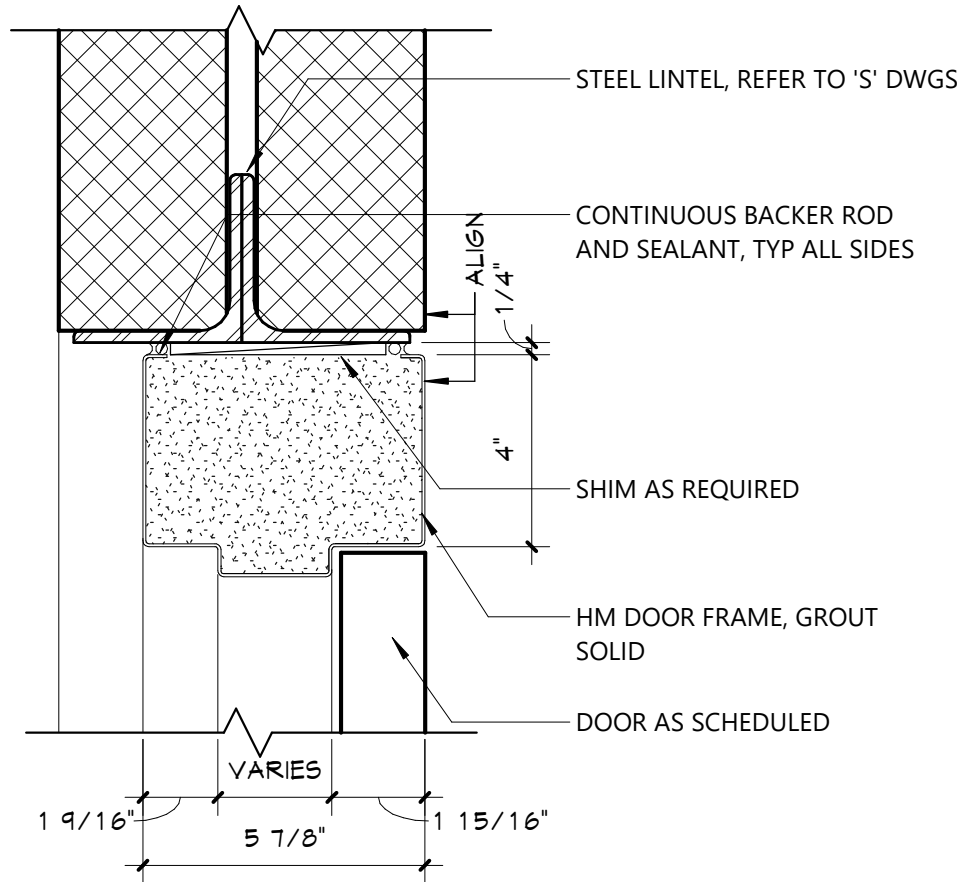
Window Types

1/4" = 1'-0"



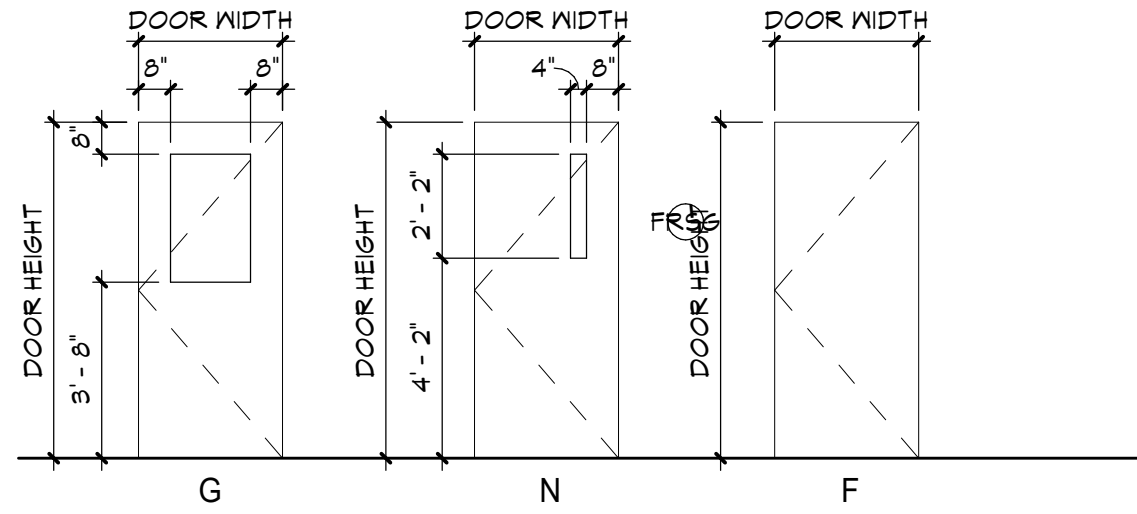
8 HEAD DETAIL - STOREFRONT

A901 3" = 1'-0"



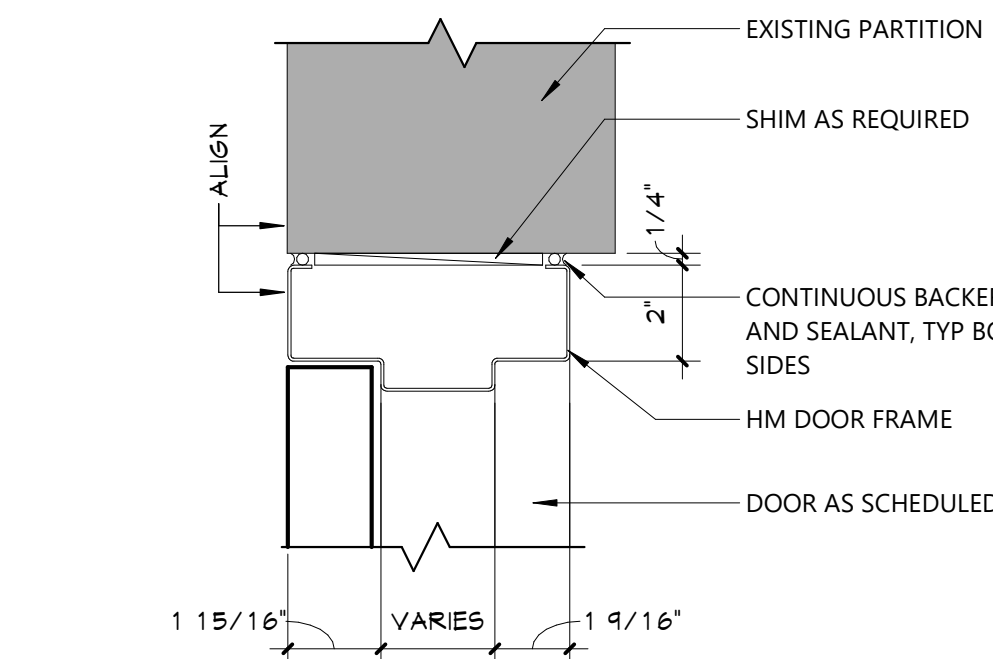
7 HEAD DETAIL

A901 3" = 1'-0"



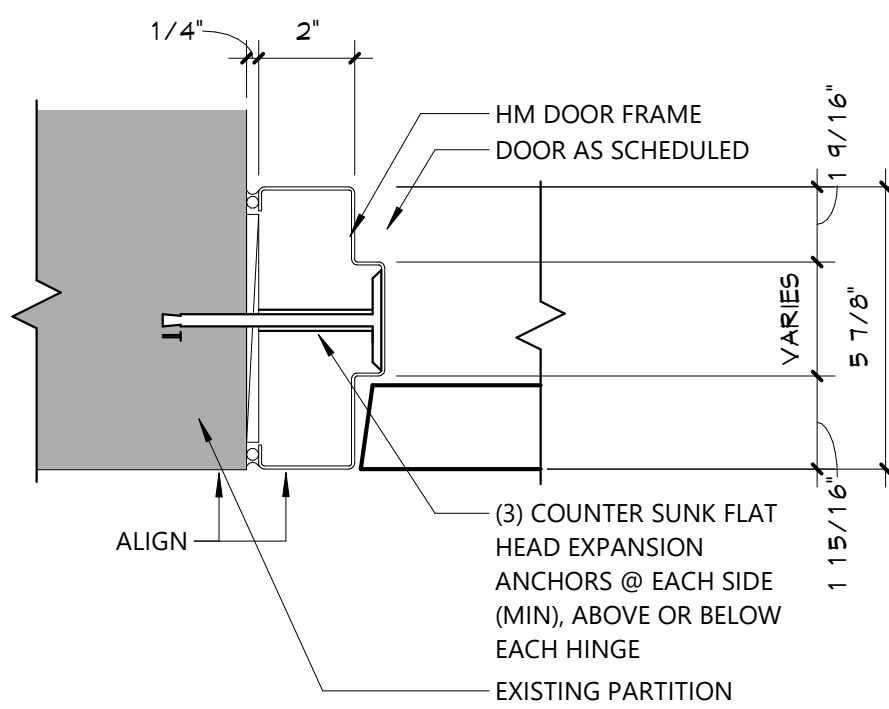
A900 DOOR TYPES

1/4" = 1'-0"



5 HEAD DETAIL

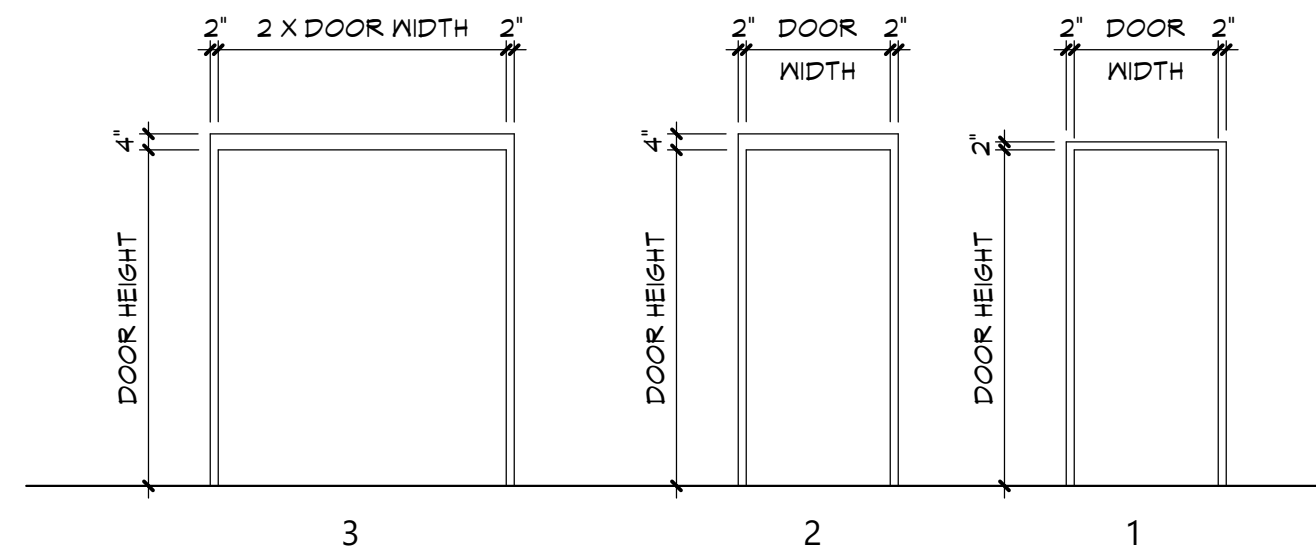
A901 3" = 1'-0"



4 JAMB DETAIL

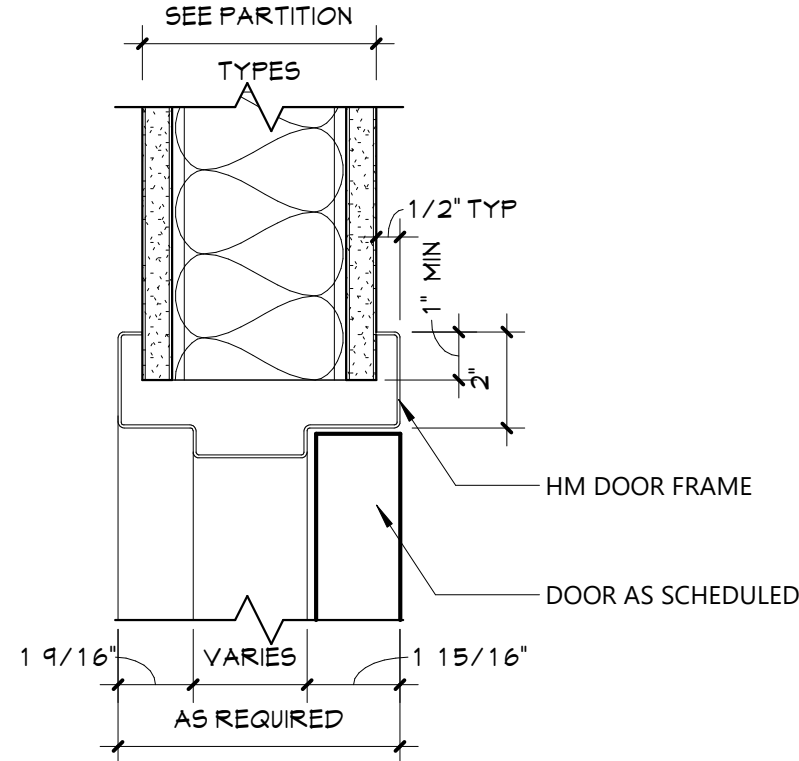
A901 3" = 1'-0"

DOOR SCHEDULE Copy 1																											
DOOR NUMBER	DOOR					# of Leaves	WIDTH	HEIGHT	DOOR						FRAME						LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	REMARKS	DOOR NUMBER
	QUANTITY	FROM		TO					THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL									
05	1	SV1	SECURED VESTIBULE	5	MAIN OFFICE	1	3'-0"	7'-0"	1 3/4"	G	WD	FF	2	HM	PT	5/A901	4/A901	1/A901	20	FRSG	-	YES			05		
S01	1	SV1	SECURED VESTIBULE	S01	SECURITY OFFICE	1	3'-0"	7'-0"	1 3/4"	N	WD	FF	1	HM	PT	3/A901	2/A901	1/A901	20	*	-	YES			S01		
SV1A	PR	C201	CORRIDOR	SV1	SECURED VESTIBULE	2	3'-0"	7'-0"	1 3/4"	G	FRP	FF	3	AL	FF	8/A901	4/A901	1/A901	20	SG	-	YES			SV1A		
SV1B	PR	SV1	SECURED VESTIBULE	141	EXTERIOR	2	3'-0"	7'-0"	1 3/4"	G	FRP	FF	3	AL	FF	4/A901	3/A352	5/A301	-	SG	-	YES			SV1B		
Grand total: 4																											



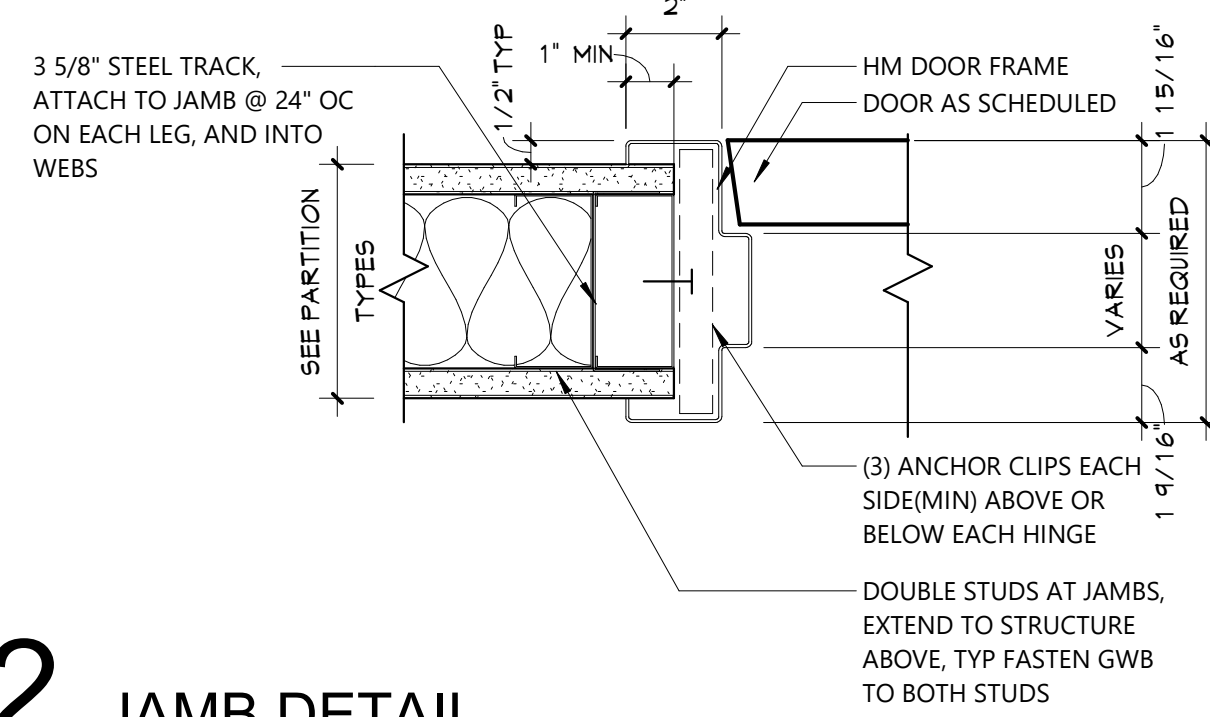
A900 FRAME TYPES

1/4" = 1'-0"



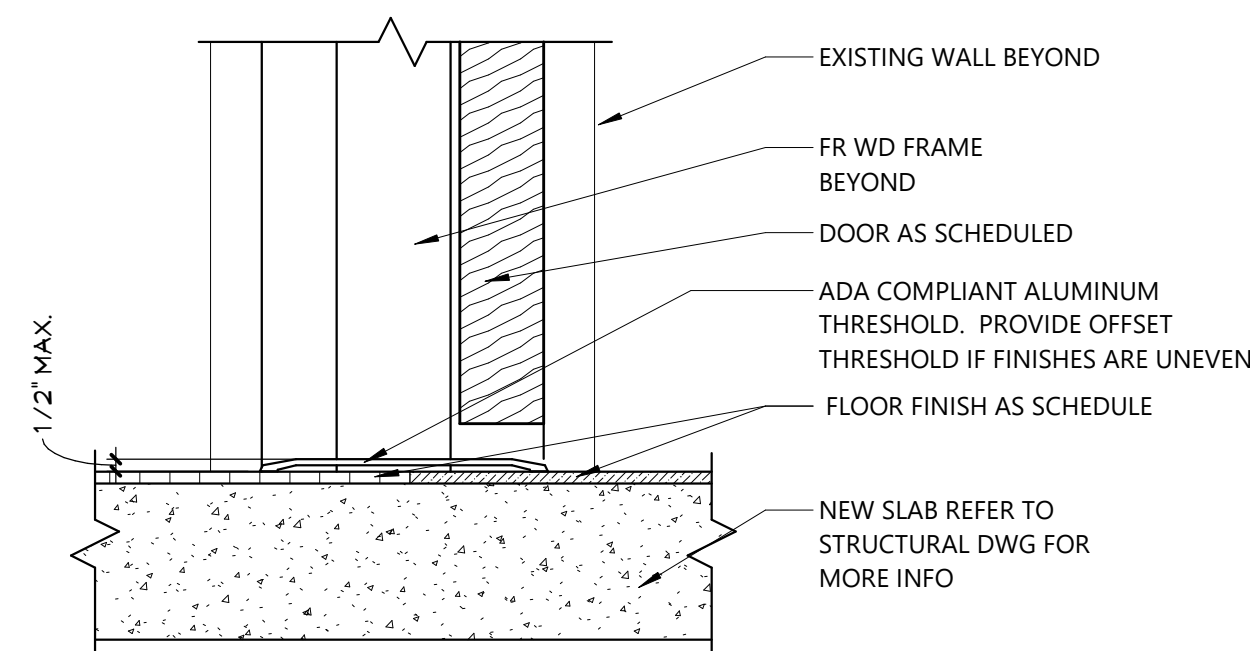
3 HEAD DETAIL

A901 3" = 1'-0"



2 JAMB DETAIL

A901 3" = 1'-0"



1 THRESHOLD DETAIL

A901 3" = 1'-0"

DOOR & FRAME GENERAL NOTES

- REFER TO SHEET 0001 FOR ADDITIONAL GENERAL NOTES.
- DIMENSIONS ARE SHOWN FOR REFERENCE. VERIFY ALL DIMENSIONS IN FIELD.
- REFER TO PLANS AND SCHEDULE FOR INDICATION OF FRAMES TO BE SALVAGED.
- ALL EXISTING HOLLOW METAL FRAMES SCHEDULED TO RECEIVE DOORS/SIDELIGHTS/TRANSOMS ARE TO BE PAINTED.

GLAZING TYPES

FR56 FIRE-RATED SECURITY GLASS

SG SECURITY GLASS

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845.561.3179 www.csarch.pc.com

CSARCH

Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
2023 CAPITAL PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By: MS  
Checked By: MZ  
Proj. #: 66-11-00-81-0-013-016  
CSArch Proj. #: 188.2301.00  
Issued for Bid: 10/14/2024

Sheet Title  
DOOR  
SCHEDULE,  
ELEVATIONS,  
AND DETAILS

Sheet No.  
WBW  
A901

CONSTRUCTION DOCUMENTS

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Room Finish Schedule						
ROOM NUMBER	ROOM NAME	FLOOR		CEILING	Wall Finish	REMARKS
		FINISH	BASE			
C201	CORRIDOR	ETR	ETR/RB-1		ETR/PNT-2	
5	MAIN OFFICE	ETR/ VCT-1	ETR/RB-1		ETR/PNT-1	
SV1	SECURED VESTIBULE	LVT-1	RB-1		PNT-1	
SO1	SECURITY OFFICE	LVT-1	RB-1		PNT-1	

MATERIALS LEGEND					
MATERIAL	MANUFACTURER	MODEL	COLOR #/NAME	SIZE	NOTE
LUXURY VINYL TILE					
LVT-1	MOHAWK GROUP	C0135 MATUTO PLUS STONE	926A AGREEABLE GREY STONE	12" X 24"	VESTIBULE AND SECURITY
PAINT					
PNT-1	SHERWIN WILLIAMS	EGGSHELL	SW 7506 LOGGIA		TYP. FIELD
PNT-2	SHERWIN WILLIAMS	EGGSHELL	SW 7551 GREEK VILLA		CORRIDOR PATCH
PNT-3	SHERWIN WILLIAMS	SEMI-GLOSS	SW 6258 TRICORN BLACK		HM DOOR AND TRIM
RUBBER BASE					
RB-1	TARKETT	BASEWORKS	40 BLACK	4"	TYP. FIELD
SOLID SURFACE					
SS-1	DUPONT	CORIAN	NEUTRAL CONCRETE		SECURITY COUNTER
VINYL COMPOSITION TILE					
VCT-1	ARMSTRONG	STANDARD EXCELON	AS SELECTED FROM FULL RANGE OF COLOR/ MATCH EXISTING	12" X 12"	PATCH AS REQUIRED @ MAIN OFFICE

## 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 RESPONSIBLE FOR THE MATERIALS AND 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 WAY DIFFER FROM PRODUCTS LISTED HEREIN.

## ABBREVIATIONS

ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APG	ACOUSTICAL PANEL CEILING
BIB	BIG-BLASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CNGC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CTM	CERAMIC TILE MANTLE
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXT	EXISTING
FACT/FF	FACTORY FINISH
GMB	GYPSTUM WALL BOARD
LWC	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
MSS	METAL STORAGE SYSTEM
MVP	METAL WALL PANEL
PC	POLISHED CONCRETE
FLAM	PLASTIC LAMINATE
FLAS	PLASTER
FINT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RS	RESINOUS FLOORING
RT	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCONG	SEALED CONCRETE
STL	SOLID SURFACE
STF	SYNTHETIC TURF FLOORING
STE	STEEL
TERR	TERRAZZO
TYP	TOLLETT PARTITIONS
TP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCT	VINYL COMPOSITION TILE ANTI-STATIC
VNT	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WOD	WOOD
NAD	NOD-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. WHEN ANY FINISH WORK IS PERFORMED INSIDE AN EXISTING SPACE, ALL WALL SURFACES ARE TO BE PAINTED CORNER TO CORNER AND ALL MALL BASE IS TO BE REPLACED WITH NEW, UNLESS OTHERWISE NOTED.
  4. IF EXISTING FINISHES ARE IMPACTED BY NEW WORK, PAINT AND PATCH AS NEEDED.
  5. NEW HW DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR, DOOR & WINDOW FRAMES AS SCHEDULED ON A400 SERIES DRAWINGS, UNO.

## FINISH KEYS

Room Name  
101

Wall Finish
Base Finish
Floor Finish

= Finish Tag

PNT - #

ACCENT PAINT LOCATION

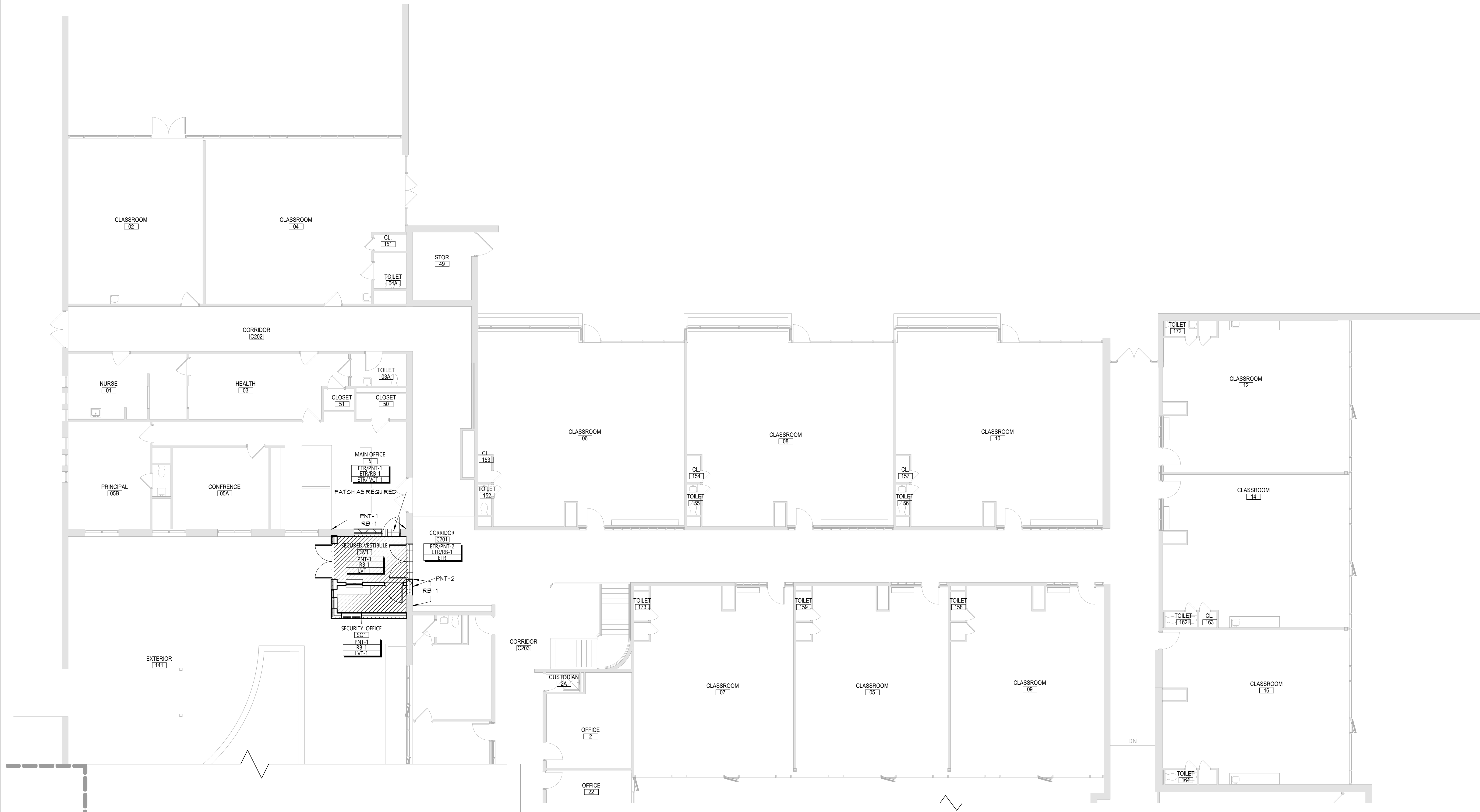
= LVT - 1

= VGT - 1

**KEY PLAN**

The key plan shows a site layout with three distinct areas. Area A, located in the upper right, is filled with a cross-hatch pattern. Areas B and C, located in the lower left and middle, are white. A north arrow is positioned in the bottom left corner of the plan.

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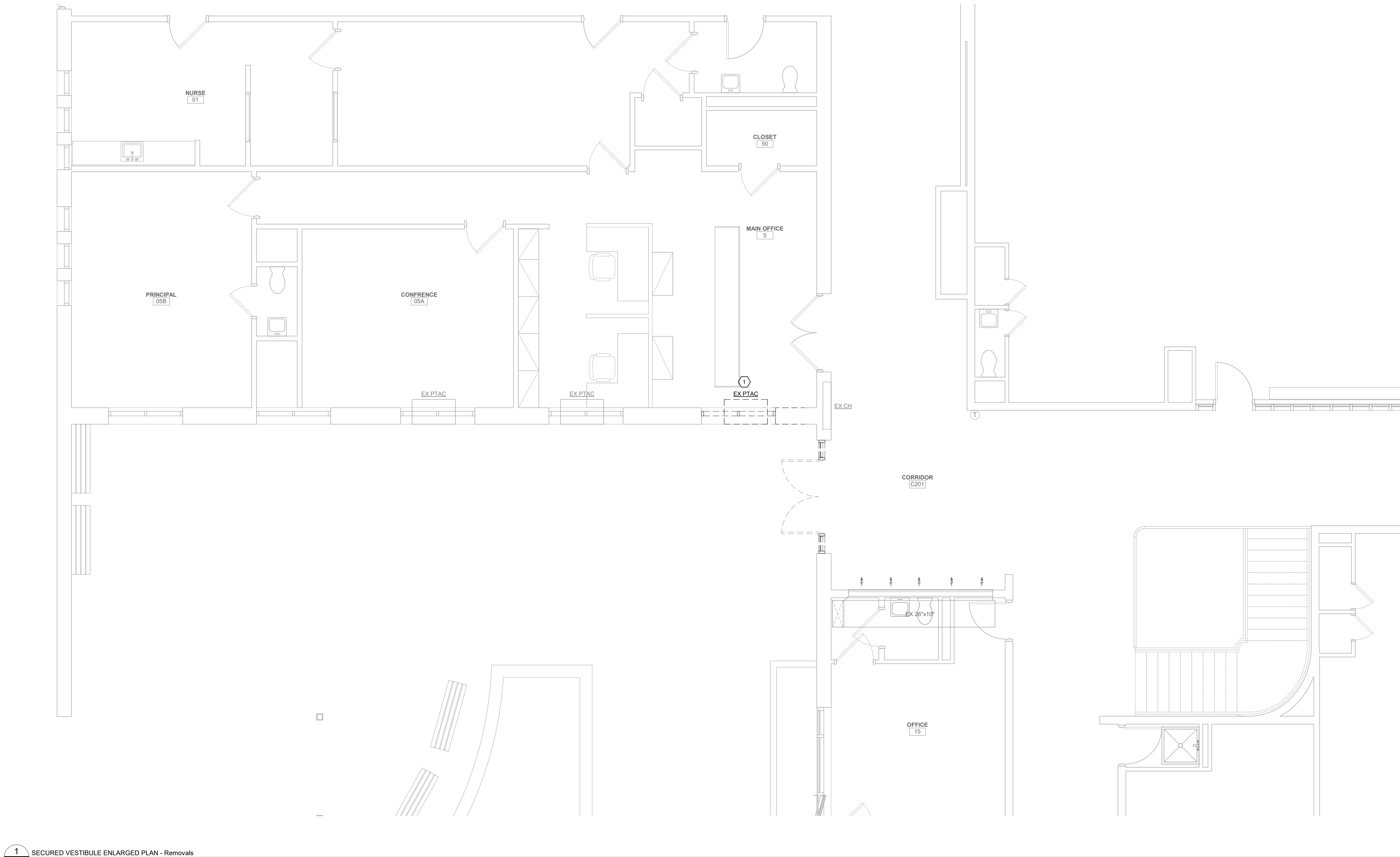
# 1 AREA 'A' FIRST FLOOR FINISH PLAN







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1 SECURED VESTIBULE ENLARGED PLAN - Removals  
MD101 1/4" = 1'-0"

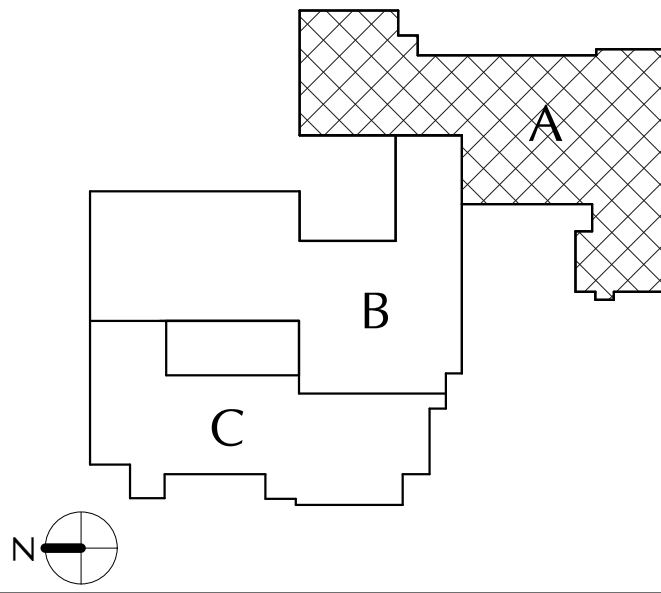
#### GENERAL REMOVALS NOTES

- 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

- ① DISCONNECT AND REMOVE EXISTING PTAC UNIT, COMPLETE INCLUDING ASSOCIATED WALL SLEEVE, LOUVER AND CONTROLS.

#### KEY PLAN



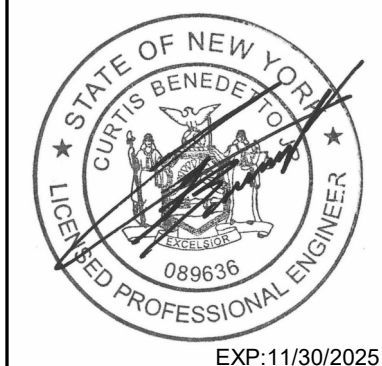
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## CITY SCHOOL DISTRICT OF NEW ROCHELLE WILLIAM B. WARD ELEMENTARY SCHOOL 2023 CAPITAL PROJECT - PHASE 1

Project Title



REV	DATE	DESCRIPTION

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Checked By: CB  
Proj. #: 66-11-00-01-0-013-016  
CSArch Proj. #: 186.2301.00  
Issued for Bid: 10/14/2024

Sheet Title

Mechanical  
Removals Plan

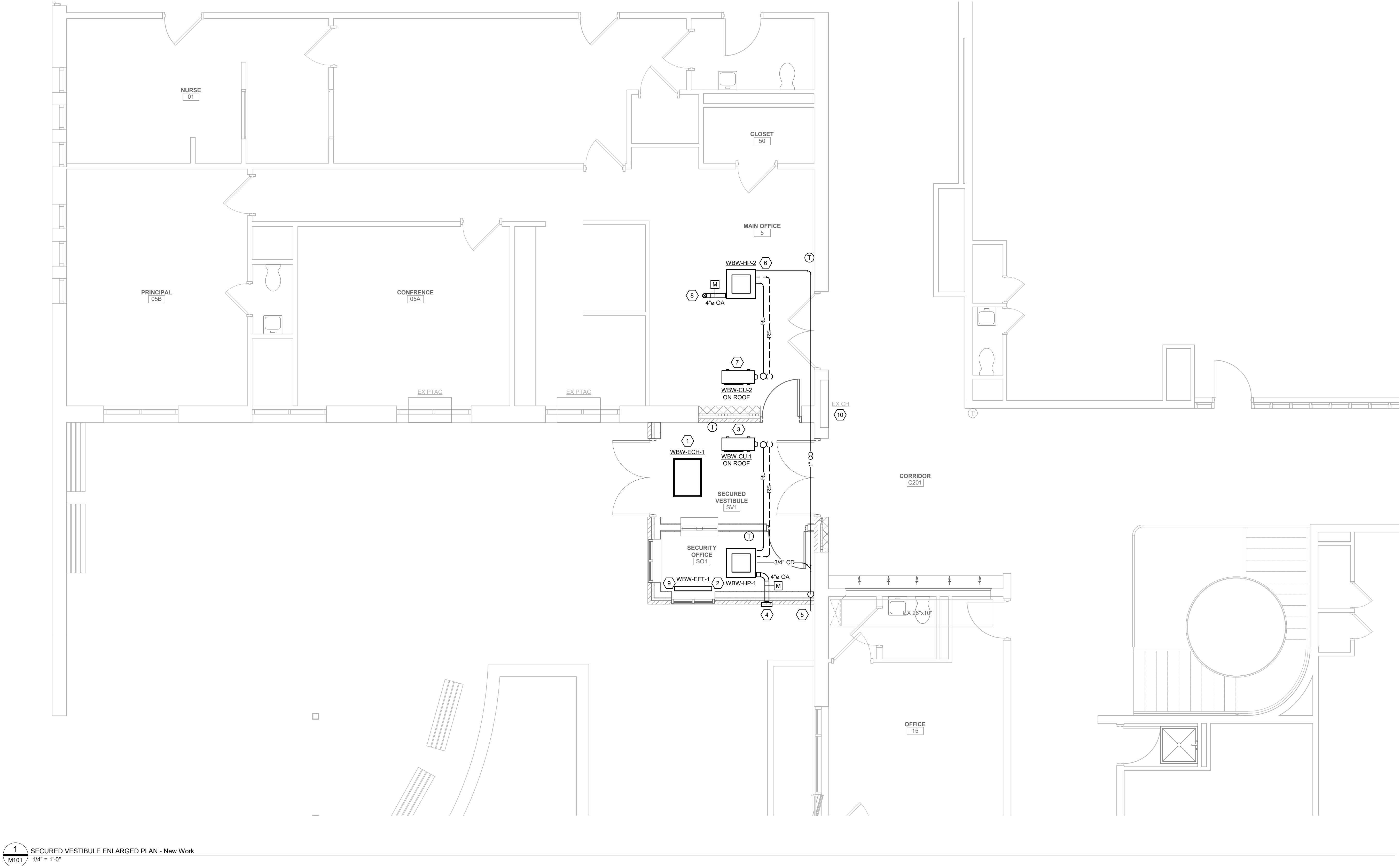
Sheet No.

WBW  
MD101

CONSTRUCTION DOCUMENTS



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1 SECURED VESTIBULE ENLARGED PLAN - New Work  
M101 1/4" = 1'-0"

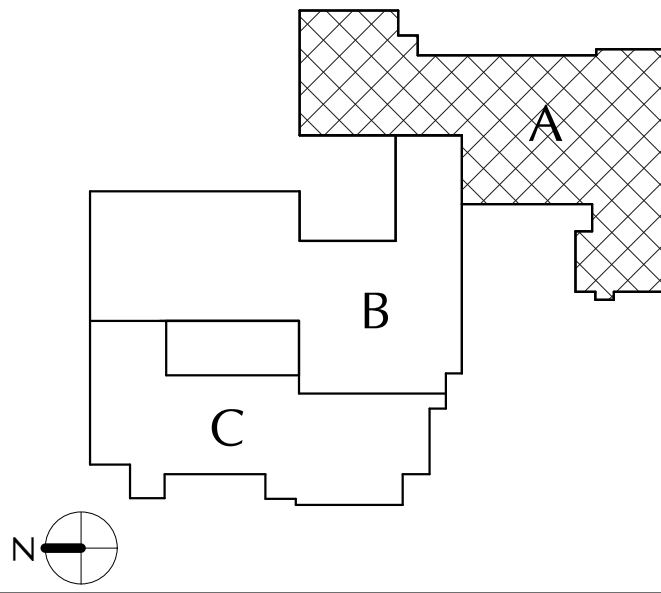
#### GENERAL NOTES

- 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 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 RECESSED ELECTRIC CABINET HEATER AS SCHEDULE PER SCHEDULE.
- PROVIDE DUCTLESS CEILING CASSETTE HEAT PUMP UNIT PER SCHEDULE.
- PROVIDE ROOF MOUNTED HEAT PUMP CONDENSING UNIT INCLUDING ROOF PIPE PORTAL AND ROOF EQUIPMENT RAILS. MAINTAIN 10' SETBACK FROM ROOF EDGE.
- PROVIDE INTAKE BRICK VENT / WALL CAP.
- PROVIDE 1" CD FROM CEILING CASSETTE UNIT DOWN IN CHASE TO 6" AFF AND THROUGH EXTERIOR WALL.
- PROVIDE DUCTLESS CEILING CASSETTE HEAT PUMP UNIT PER SCHEDULE.
- PROVIDE ROOF MOUNTED HEAT PUMP CONDENSING UNIT INCLUDING ROOF PIPE PORTAL AND ROOF EQUIPMENT RAILS. MAINTAIN 10' SETBACK FROM ROOF EDGE.
- PROVIDE ROOF MOUNTED INTAKE HOOD.
- PROVIDE WALL MOUNTED ELECTRIC FIN RADIATION UNDER WINDOW.
- EXISTING RECESSED WALL CABINET HEATER AND CONTROLS TO REMAIN.

#### KEY PLAN

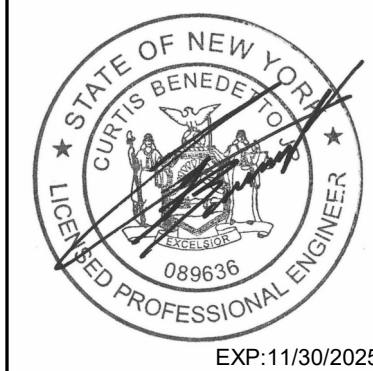


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## CITY SCHOOL DISTRICT OF NEW ROCHELLE WILLIAM B. WARD ELEMENTARY SCHOOL 2023 CAPITAL PROJECT - PHASE 1

Project Title



REV	DATE	DESCRIPTION

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Proj. #: 66-11-00-01-0-013-016  
CSArch Proj. #: 186.2301.00  
Issued for Bid: 10/14/2024

Sheet Title

Mechanical  
New Work Plan

Sheet No.

WBW  
M101

CONSTRUCTION DOCUMENTS

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ABBREVIATIONS				RACEWAY SYSTEMS		DEVICES AND OUTLETS		POWER DISTRIBUTION EQUIPMENT		ELECTRICAL DRAWING LIST			
A AC AFC AFF AIC ASD ATS AUTO AUX AWG	AMPERE(S) ALTERNATING CURRENT AIR COOLED CONDENSING UNIT ABOVE FINISHED FLOOR AMPERE INTERRUPTING CAPACITY ADJUSTABLE SPEED DRIVE AUTOMATIC TRANSFER SWITCH AUXILIARY AMERICAN WIRE GAUGE	J JB KCMIL KVA KW LTS LTS MAX MCB MCM MECH MFR MIN MLO MT MTD	JUNCTION JUNCTION BOX THOUSAND CIRCULAR MILS KILOVOLT-AMPERE KILOWATT(S) LIGHTING LIGHT(S) MAXIMUM METAL CLAD MAIN CIRCUIT BREAKER THOUSAND CIRCULAR MILS MECHANICAL MANUFACTURER MINIMUM MAIN LUGS ONLY MOUNT MOUNTED	UIC UG UH UON UV V VA W WV WCR WH WP XFMR XP Y	UNDER CABINET UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VOLT(S) VOLT-AMPERE(S) WATT, WEST, WIRE WITH WATER HEATER WEATHERPROOF TRANSFORMER EXPLOSION PROOF WYE CONNECTION	              	CONDUIT OR CABLE AS SPECIFIED CONDUIT OR CABLE TURNING UP CONDUIT OR CABLE TURNING DOWN CONDUIT STUB (REAMED AND BUSHED) CONNECTION TO EQUIPMENT CONDUIT CUT HOMERUN TO PANELBOARD (PANEL AND CIRCUITS INDICATED) UNDERGROUND CABLE TV LINE UNDERGROUND FIBER OPTIC LINE UNDERGROUND LIGHTING LINE UNDERGROUND PRIMARY LINE UNDERGROUND SECONDARY LINE UNDERGROUND TELECOMMUNICATIONS LINE JUNCTION BOX BLANK OUTLET	      	NOTE: • "G" = INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE • "U" = INDICATES USB TYPE RECEPTACLE • DOT INDICATES 6" ABOVE BACKSPLASH OF COUNTER/OR SINK (VERTICALLY) (OR 6" ABOVE COUNTER/OR SINK WHEN NO BACKSPLASH EXISTS) DUPLX RECEPTACLE - (18" AFF) DOUBLE DUPLX (QUAD) RECEPTACLE - (18" AFF) SIMPLEX RECEPTACLE - (18" AFF) SPECIAL PURPOSE RECEPTACLE - (18" AFF) (NEMA CONFIGURATION INDICATED) QUADRUPLX RECEPTACLE (FLOOR) DUPLX RECEPTACLE (CEILING) DUPLX RECEPT LOCATED JUST ABOVE AIR PURIFIER SHELF (COORDINATE WITH DIV. 23).	           	DISTRIBUTION PANEL 277/480V, 3,0, 4W DISTRIBUTION PANEL 120/208V, 3,0, 4W BRANCH CIRCUIT PANELBOARD 277/480V, 3,0, 4W BRANCH CIRCUIT PANELBOARD 120/208V, 3,0, 4W NON-FUSED SAFETY SWITCH AMPS/NO. OF POLES FUSE SIZE CIRCUIT BREAKER SURGE SUPPRESSOR TRANSFORMER GROUND ROD GROUNDING CONNECTION/POINT METER SOCKET	E001 ELECTRICAL LEGEND AND ABBREVIATIONS ED101 FIRST FLOOR AREA A/B ELECTRICAL REMOVALS PLAN E101 FIRST FLOOR AREA A/B ELECTRICAL NEW WORK PLANS	
				BRANCH CIRCUITS				MOTORS, EQUIPMENT & CONTROLS		MISCELLANEOUS EQUIPMENT			
				1. CONNECT EACH LIGHTING FIXTURE, SWITCH, RECEPTACLE, MOTOR, AND OTHER ITEM REQUIRING ELECTRICAL CONNECTIONS TO PANELBOARD AND CIRCUIT(S) INDICATED. HOMERUNS AND CONNECTIONS BETWEEN ITEMS MAY OR MAY NOT BE SHOWN. 2. [F-XXX] INDICATES ALL ELECTRICAL ITEMS IN RESPECTIVE ROOM TO BE CONNECTED TO THE DESIGNATED PANELBOARD, UNLESS INDICATED OTHERWISE. 3. NUMBER(S) SHOWN ADJACENT TO ELECTRICAL SYMBOLS GENERALLY INDICATE RESPECTIVE CIRCUIT NUMBER(S). 4. CONFIRM CORRECT CIRCUITING BY CORRELATING THE FLOOR PLANS WITH THE PANELBOARD SCHEDULES.				      	THERMOSTAT - (60" AFF) RELAY TIME SWITCH PHOTOSWITCH BUZZER BUZZER PUSHBUTTON TELECOMPOWER POLE	           	MOTOR STARTER COMBINATION MOTOR STARTER ADJUSTABLE SPEED DRIVE DAMPER CABINET HEATER CABINET UNIT HEATER ELECTRIC FIN TUBE HEATER EXHAUST FAN A/C INDOOR UNIT HEAT PUMP A/C CONDENSING UNIT PACKAGE TERMINAL AIR CONDITIONING UNIT	 	DOOR OPERATOR DOOR OPERATOR PUSHBUTTON - (48" AFF)
LIGHTING FIXTURES				LIGHTING CONTROLS		TELECOMMUNICATIONS		SECURITY SYSTEMS		FIRE ALARM SYSTEM		NOTES TO ELECTRICAL SYMBOLS	
<u>FIXTURE IDENTIFICATION</u>    SHADE FIXTURES - INDICATE UNSWITCHED NIGHT LIGHTS. <u>LIGHTING FIXTURES</u>        <u>EMERGENCY LIGHTING UNIT</u>   <u>EXIT SIGNS</u>   				<u>LINE VOLTAGE</u> \$ SWITCH, 1-POLE - (48" AFF) \$2 SWITCH, 2-POLE - (48" AFF) \$3 SWITCH, 3-WAY - (48" AFF) \$4 SWITCH, 4-WAY - (48" AFF) SWITCH SUBSCRIPTS: LOWER CASE LETTERS INDICATE CONTROL D = DIMMER K = KEY OPERATED SWITCH LV = LOW VOLTAGE M = MANUAL MOTOR STARTER <u>LOW VOLTAGE</u> LCP LIGHTING CONTROL PANEL LPXD LIGHTING POWER PACK (X = QUANTITY, IF MORE THAN ONE; D= 0-10V DIMMING) @ OCCUPANCY SENSOR, CEILING MOUNTED @ DAYLIGHTING CONTROL PHOTOCELL \$XO ON-OFF SWITCH (X = QUANTITY OF SWITCHES, IF MORE THAN ONE) \$XD ON-OFF-RAISE-LOWER DIMMING SWITCH (X = QUANTITY OF CIRCUITS, IF MORE THAN ONE; D= 0-10V DIMMING) ITEMS CONTROLLED LOWER CASE LETTERS ARE USED TO CORRELATE CONTROL DEVICES TO RESPECTIVE FIXTURES CONTROLLED		     		        		                      		1. ALL ABBREVIATIONS AND SYMBOLS MAY OR MAY NOT BE USED. 2. MOUNTING HEIGHTS: FOR ALL WALL MOUNTED DEVICES, ETC., LOCATE CENTERLINE OF DEVICE VERTICALLY AT INDICATED MOUNTING HEIGHT (E.G. 18" AFF) AND IN ACCORDANCE WITH THE NOTES BELOW, UNLESS INDICATED OTHERWISE. MOUNTING HEIGHTS (E.G. 42") INDICATED ADJACENT TO SYMBOLS ON PLANS, AND MOUNTING HEIGHTS SHOWN ON ELEVATIONS OR DETAILS OR BY NOTES TAKE PRECEDENCE OVER STANDARD MOUNTING HEIGHTS. 3. ELECTRICAL DEVICE PLACEMENT: WHERE MULTIPLE ELECTRICAL DEVICES (E.G. SWITCHES, RECEPTACLES, CLOCKS, FIRE ALARM DEVICES, EXIT SIGNS, TELECOMMUNICATION OUTLETS, ETC.) ARE SHOWN NEAR EACH OTHER, ORGANIZE EXACT LOCATIONS IN GROUPS WHICH ALIGN ON COMMON HORIZONTAL AND VERTICAL CENTER LINES. 4. WIRING DEVICE GANGING: WHERE ADJACENT WIRING DEVICES ARE INDICATED, GROUP ALL SUCH DEVICES WITH A COMMON MULTI-GANG COVERPLATE UNLESS INDICATED OTHERWISE. 5. INDIVIDUAL CIRCUIT BREAKERS, SAFETY SWITCHES, STARTERS, AND THE LIKE, WHEREVER PRACTICABLE, MOUNT WITH CENTER LINE OF ENCLOSURE AT 60" AFF, BUT ADJUST AS NECESSARY SO THAT TOP OF ENCLOSURE IS AT MAXIMUM 72" AFF. 6. EMERGENCY LIGHTING UNITS: MOUNT AT 96" AFF TO CENTER LINE OF UNIT, OR WITH TOP OF UNIT AT 6" BELOW CEILING LINE, WHICHEVER IS LESS. 7. EXIT SIGNS: WHERE LOCATED ABOVE DOOR, CENTER EXIT SIGN VERTICALLY BETWEEN TOP OF DOOR FRAME AND CEILING LINE, BUT AT MAXIMUM 96" AFF TO CENTER LINE. USE SAME MOUNTING HEIGHT FOR EXIT SIGNS IN VICINITY BUT NOT LOCATED ABOVE DOOR. 8. FIRE ALARM NOTIFICATION APPLIANCES: (E.G. HORN/STROBES, STROBES, ETC.) MOUNT AT 80" AFF TO CENTER LINE OF UNIT, OR WITH TOP OF DEVICE AT 6" BELOW CEILING LINE, WHICHEVER IS LESS. 9. SOLID LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE. 10. DASHED DARK/BLACK LINES: INDICATE EXISTING ELECTRICAL ITEMS TO BE REMOVED, UNLESS INDICATED OTHERWISE. 11. SOLID DARK/BLACK LINES: INDICATE NEW ELECTRICAL WORK, UNLESS INDICATED OTHERWISE.	

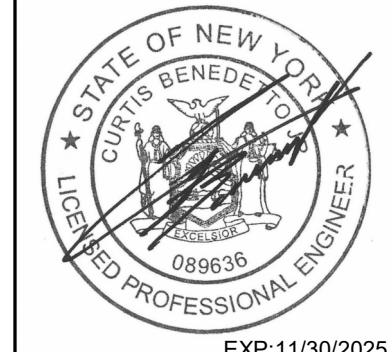
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847-581-13179 www.csarch.com

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CITY SCHOOL DISTRICT OF NEW ROCHELLE  
WILLIAM B. WARD ELEMENTARY SCHOOL  
2023 CAPITAL PROJECT - PHASE 1

Project Title



REV	DATE	DESCRIPTION

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Issued for Bid:	10/14/2024

Sheet Title

ELECTRICAL  
LEGEND AND  
ABBREIVATIONS

Sheet No.

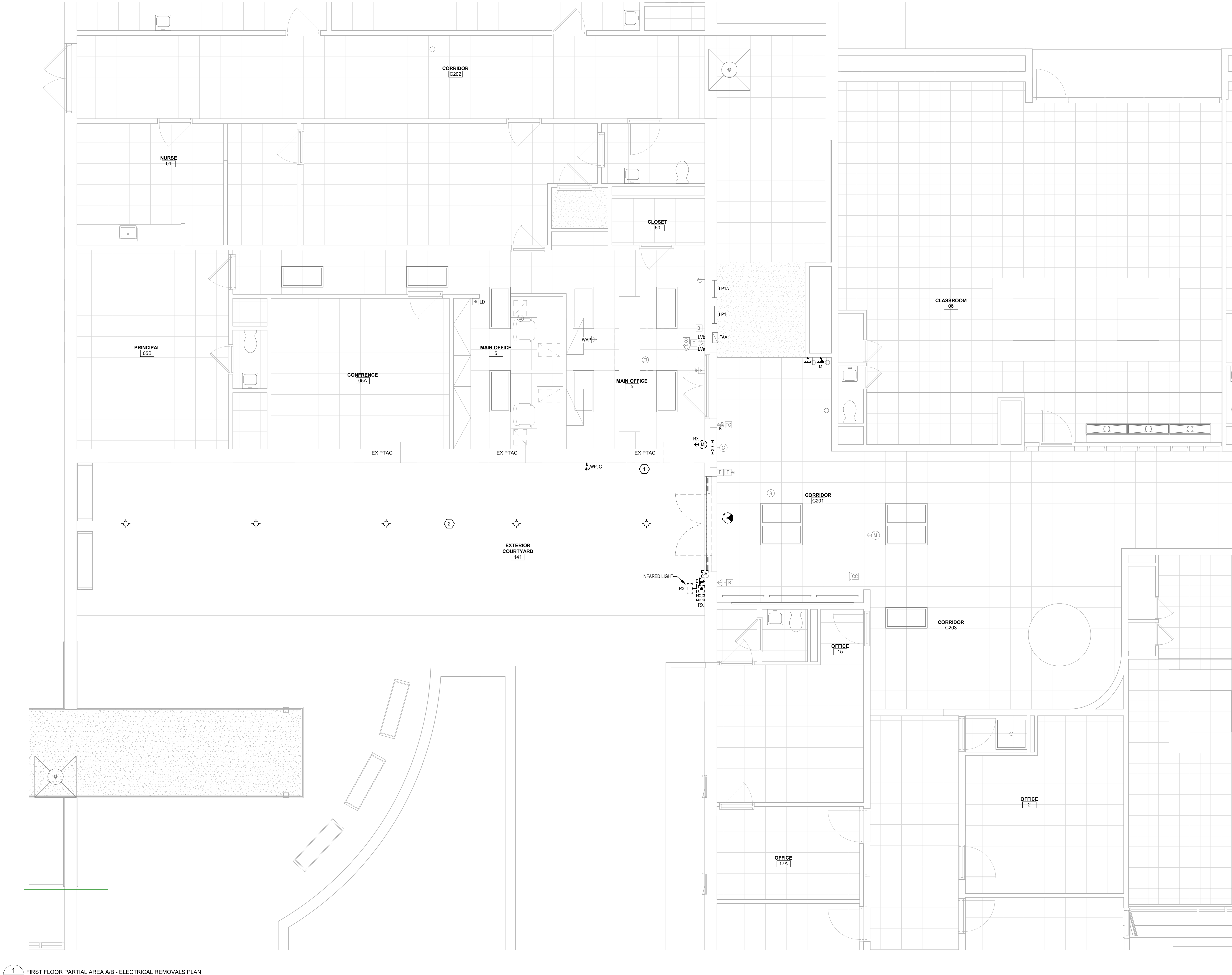
WBW  
E001

CONSTRUCTION DOCUMENTS

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1 FIRST FLOOR PARTIAL AREA A/B - ELECTRICAL REMOVALS PLAN  
ED101  
1/4" = 1'-0"

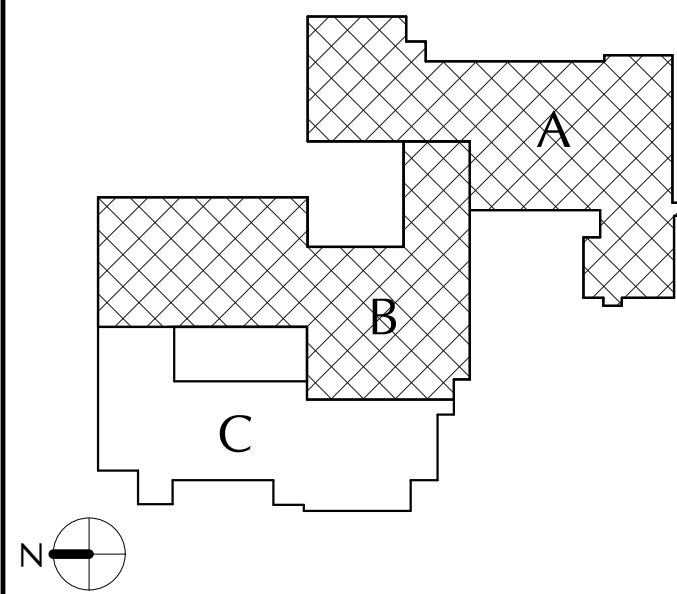
#### GENERAL NOTES

- 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. "BX" INDICATES RELOCATE EXISTING ELECTRICAL ITEM. SEE DRAWING E101 FOR CORRESPONDING NEW LOCATION.
- E. EXISTING BRANCH CIRCUITS DISCONNECTED. GENERALLY RETAIN EXISTING 120V AND 208V BRANCH CIRCUITS BEING DISCONNECTED AS PART OF REQUIRED ELECTRICAL REMOVALS WORK. REUSE SAME PER DWG. E101. FOR ANY SUCH DISCONNECTED EXISTING CIRCUITS NOT BEING REUSED, REMOVE COMPLETE BACK TO SOURCE.

#### KEYED NOTES

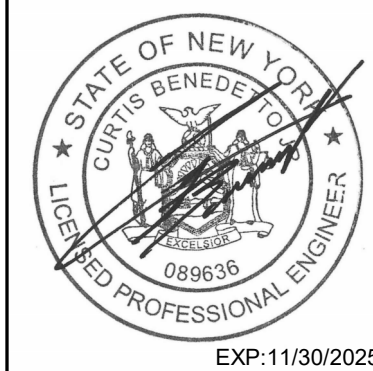
- ① DISCONNECT EXISTING PTAC UNIT FOR REMOVAL. RETAIN EXISTING 208V, 1-PHASE, 20A CIRCUIT FOR REUSE PER DWG. E101.
- ② DISCONNECT AND REMOVE FIVE EXISTING SURFACE LIGHTING FIXTURES. RETAIN EXISTING CIRCUITING FOR REUSE PER DWG. E101.

#### KEY PLAN



## CITY SCHOOL DISTRICT OF NEW ROCHELLE WILLIAM B. WARD ELEMENTARY SCHOOL 2023 CAPITAL PROJECT - PHASE 1

Project Title



DATE	DESCRIPTION

Drawn By: JBM/09  
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Proj. #: 66-11-00-01-0-013-016  
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Issued for Bid: 10/14/2024

Sheet Title  
FIRST FLOOR  
AREA A/B  
ELECTRICAL  
REMOVALS  
PLAN

Sheet No.  
WBW  
ED101

CONSTRUCTION DOCUMENTS

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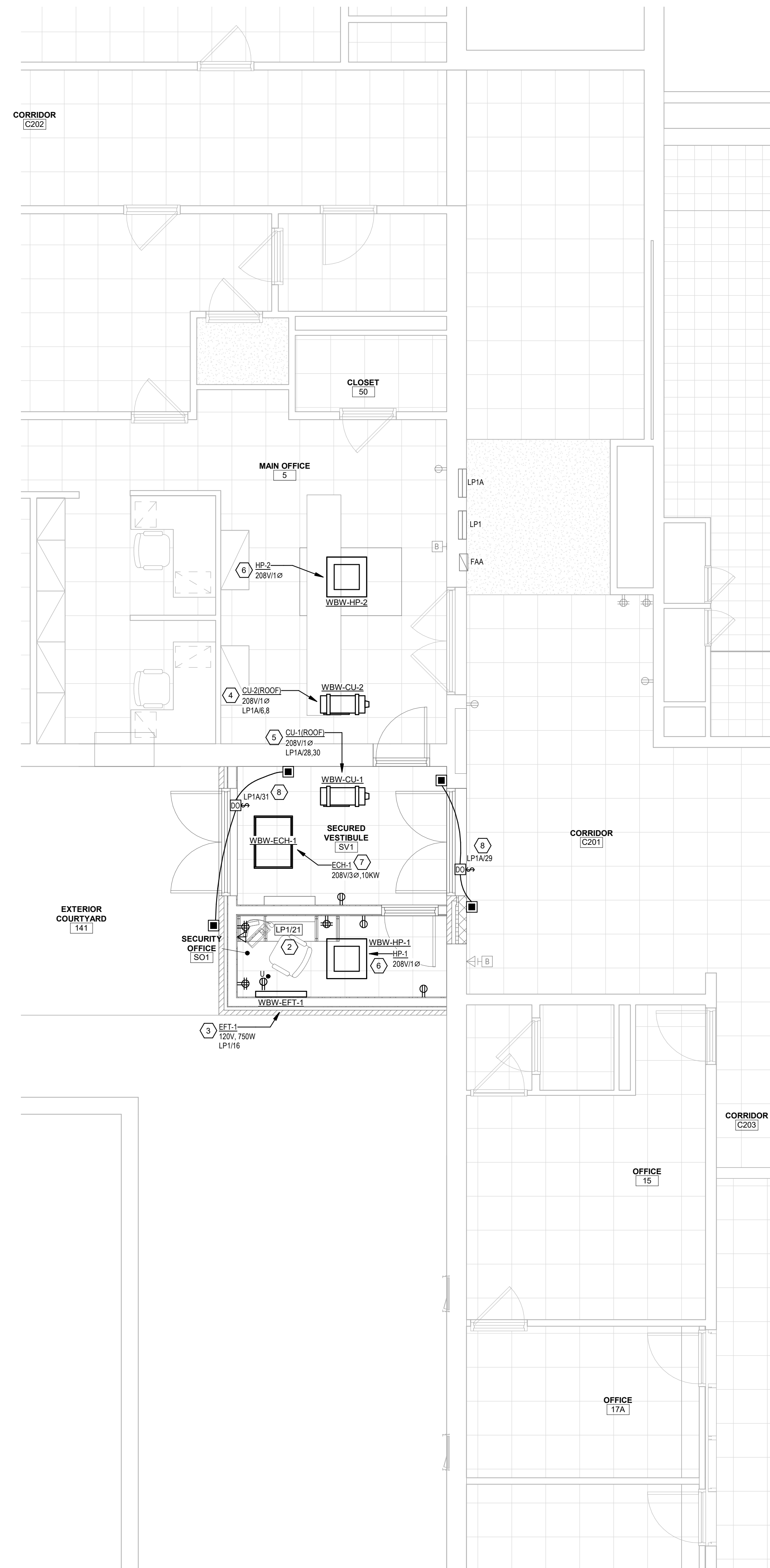


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1 FIRST FLOOR  
E101 1/4" = 1'-0"



2 FIRST FLOOR  
E101 1/4" = 1'-0"

Sheet No. **WBW**  
**E101**