

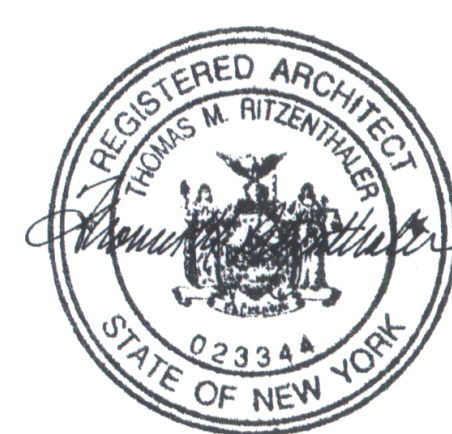
CITY SCHOOL DISTRICT OF NEW ROCHELLE

TRINITY ELEMENTARY SCHOOL

2023 CAPITAL PROJECTS - PHASE 2A



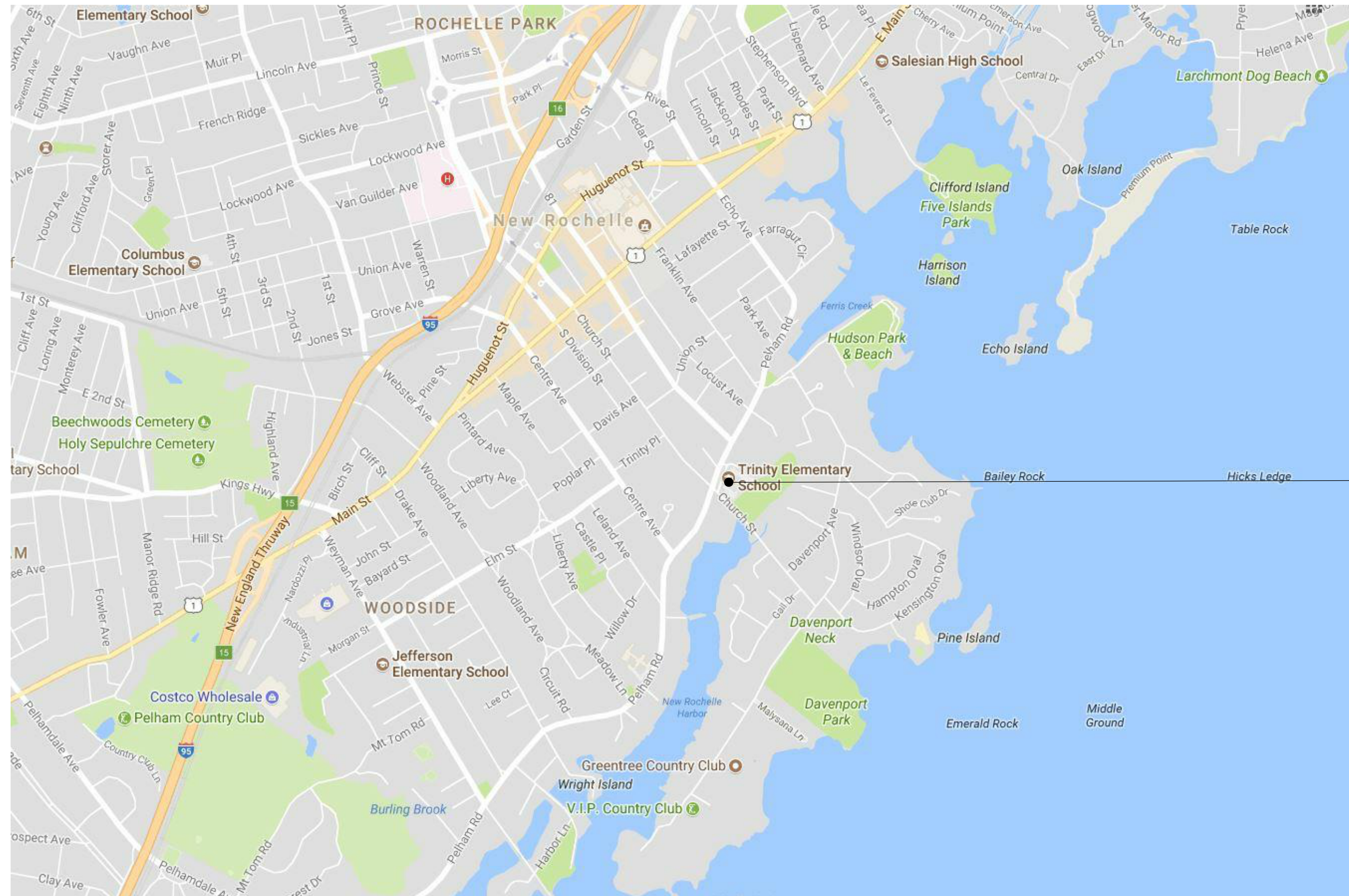
180 PELHAM RD. NEW ROCHELLE, NY 10805
ISSUED FOR BID: 03/14/2025



CSARCH - ARCHITECTS
ADELAIDE - HAZARDOUS MATERIALS ABATEMENT
GREENMAN - PEDERSEN, INC. - MEP & STRUCTURAL ENGINEER

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:
2023 CAPITAL PROJECTS - PHASE 2A 66-11-00-01-0-012-014
THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

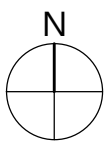
CSArch PROJECT NO. 188-2301.02

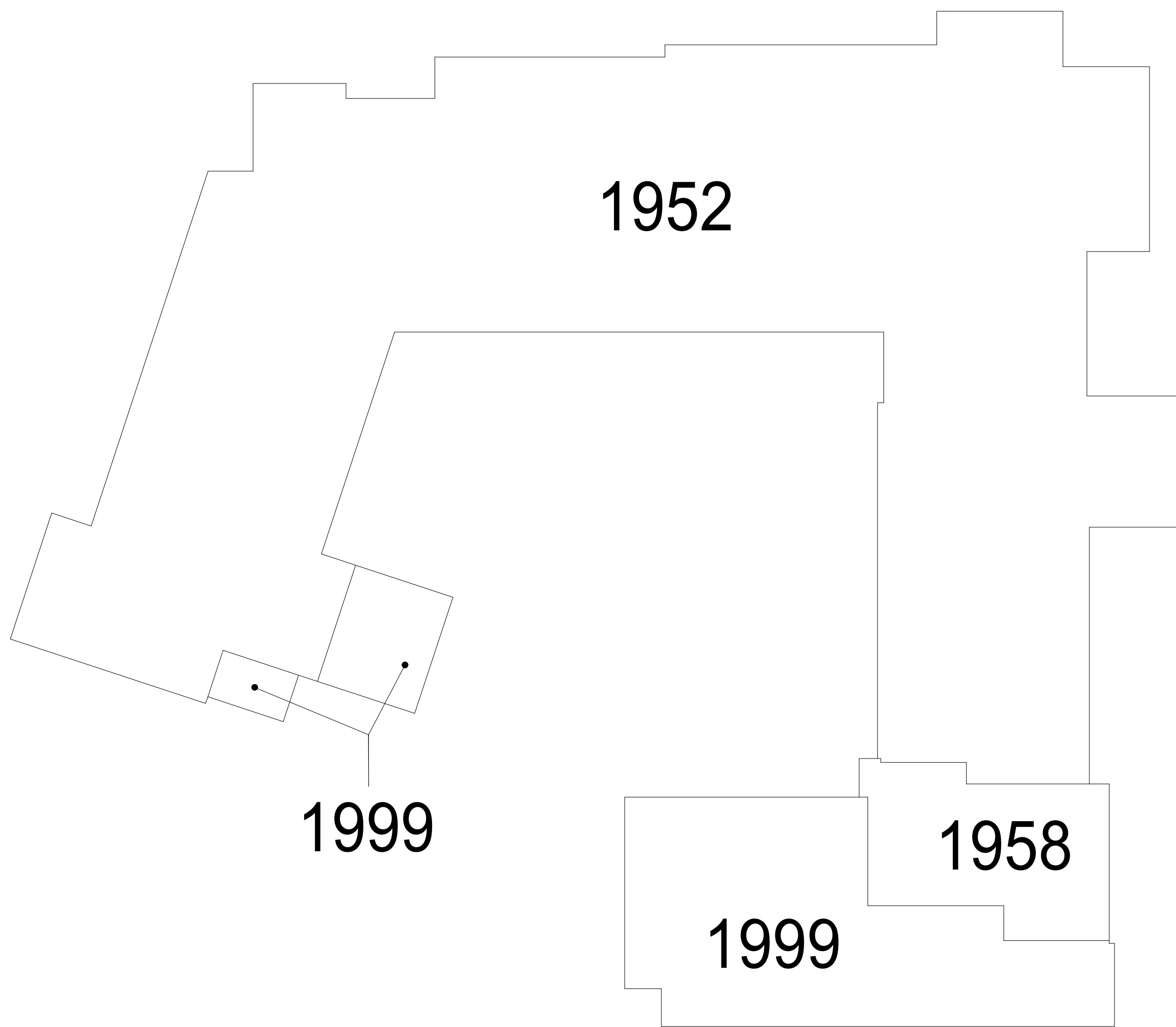


TRINITY ELEMENTARY SCHOOL
180 PELHAM ROAD
NEW ROCHELLE, NY 10805

DRAWING LIST - VOLUME 5

GENERAL DRAWINGS	
G000	Cover
G001	SYMBOLS, ABBREVIATIONS, AND MISC
G110	OVERALL FIRST FLOOR PLAN
GENERAL DRAWINGS	
LS100	GROUND FLOOR BASEMENT FLOOR - LIFE SAFETY PLAN
LS101	FIRST FLOOR - LIFE SAFETY PLAN
LS102	SECOND FLOOR - LIFE SAFETY PLAN
LS103	LIFE SAFETY DIAGRAMS
ASBESTOS ABATEMENT	
AA001	ASBESTOS ABATEMENT GENERAL NOTES & DETAILS
AA100	ASBESTOS ABATEMENT PLAN
ARCHITECTURAL DEMOLITION DRAWINGS	
AD102	AREA 'C' - PARTIAL FIRST FLOOR DEMOLITION PLAN
AD601	ENLARGED DEMOLITION FLOOR, RCP & ROOF PLANS
ARCHITECTURAL DRAWINGS	
A101	AREA 'C' - PARTIAL FIRST FLOOR PLAN
A601	ENLARGED NEW WORK PLANS, ELEVATIONS AND DETAILS
A901	DOOR SCHEDULE & DETAILS
ARCHITECTURAL FINISH DRAWINGS	
AF001	AREA 'C' - PARTIAL FIRST FLOOR FINISH PLAN
MECHANICAL GENERAL	
M001	MECHANICAL LEGENDS, DETAILS AND SCHEDULES
MECHANICAL DEMOLITION	
MD101	MECHANICAL REMOVALS PLAN
MECHANICAL DRAWING	
M101	MECHANICAL NEW WORK PLAN
ELECTRICAL GENERAL	
E001	ELECTRICAL LEGEND AND ABBREVIATIONS
ELECTRICAL DEMOLITION	
ED101	FIRST FLOOR ELECTRICAL REMOVALS PLAN
ELECTRICAL DRAWINGS	
ET01	FIRST FLOOR ELECTRICAL PLANS





TRINITY KEY PLAN
6" = 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/BSMT	BOTTOM OF BASEMENT
C-J	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLS	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONG	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	GALVANIZE(D)
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALL BOARD
GWBs	GYPSUM WALL BOARD SOFFIT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
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 OPENING
MTL	METAL
NA	NOT APPLICABLE
NC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OG	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPT	OPTIONAL
OVR	OVERALL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
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 CELING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPORARY
TMPD	TEMPERED
TM	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
WGT	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

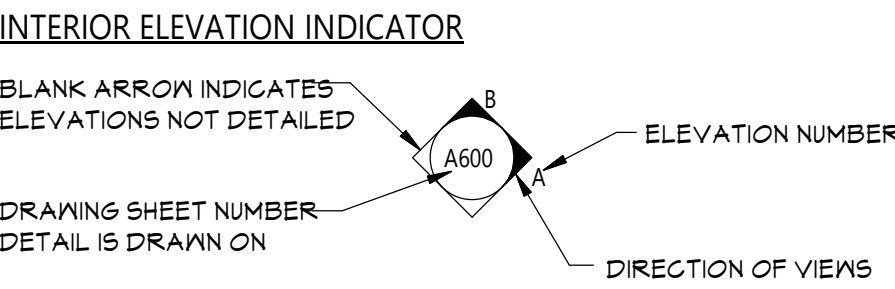
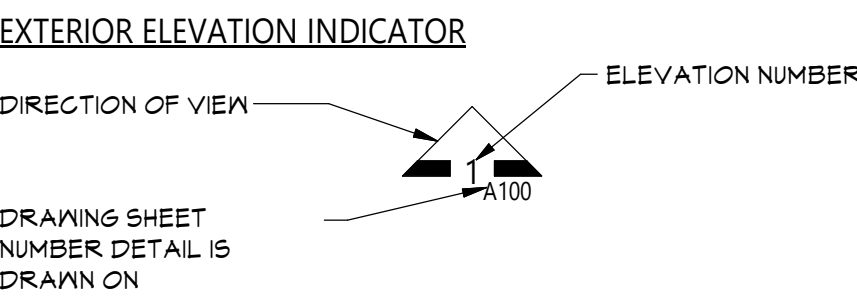
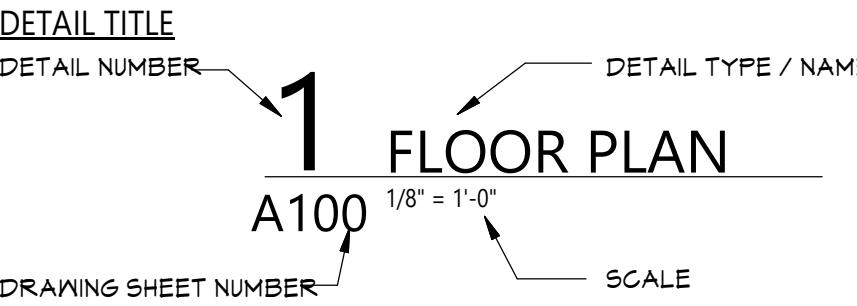
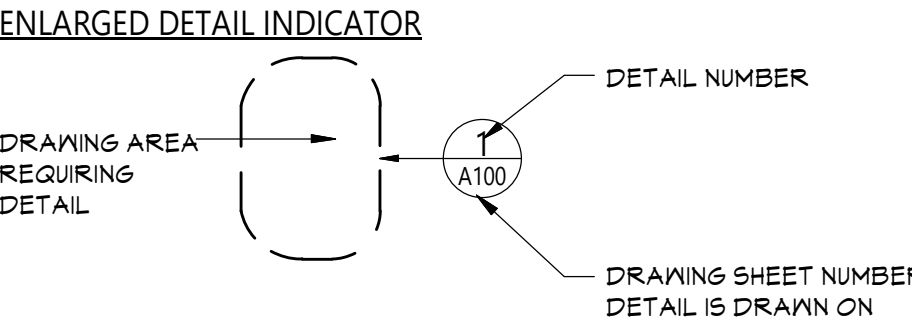
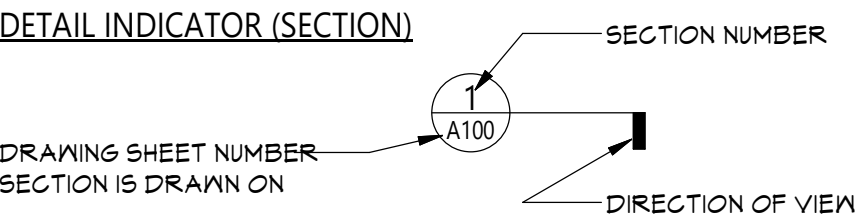
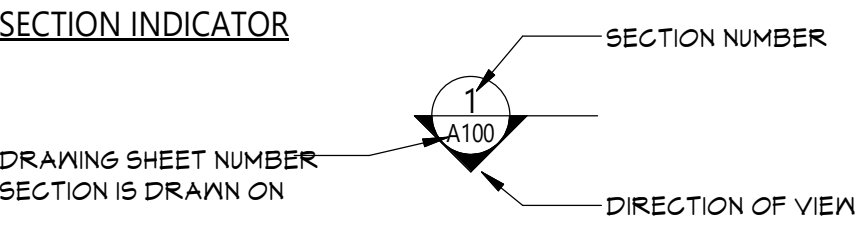
	FACE OF STUD OR CMU
	COLUMN CENTER LINE

SYMBOLS

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

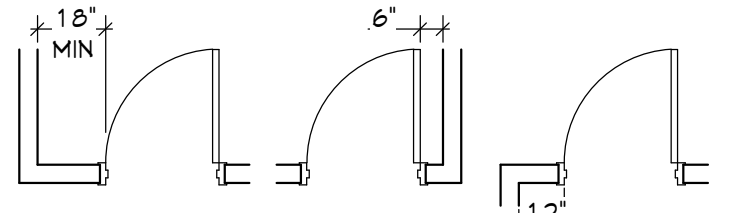
ROOM NAME	INTERIOR FINISH TAG, REFER TO A100 DRAWINGS
WALL FINISH	
BASE FINISH	
FLOOR FINISH	

DETAIL INDICATOR LEGEND



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

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



GENERAL NOTES

- 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 H.D.M.S.S. FOR SMOKE / FIRE DAMPER REQUIREMENTS.
- 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.

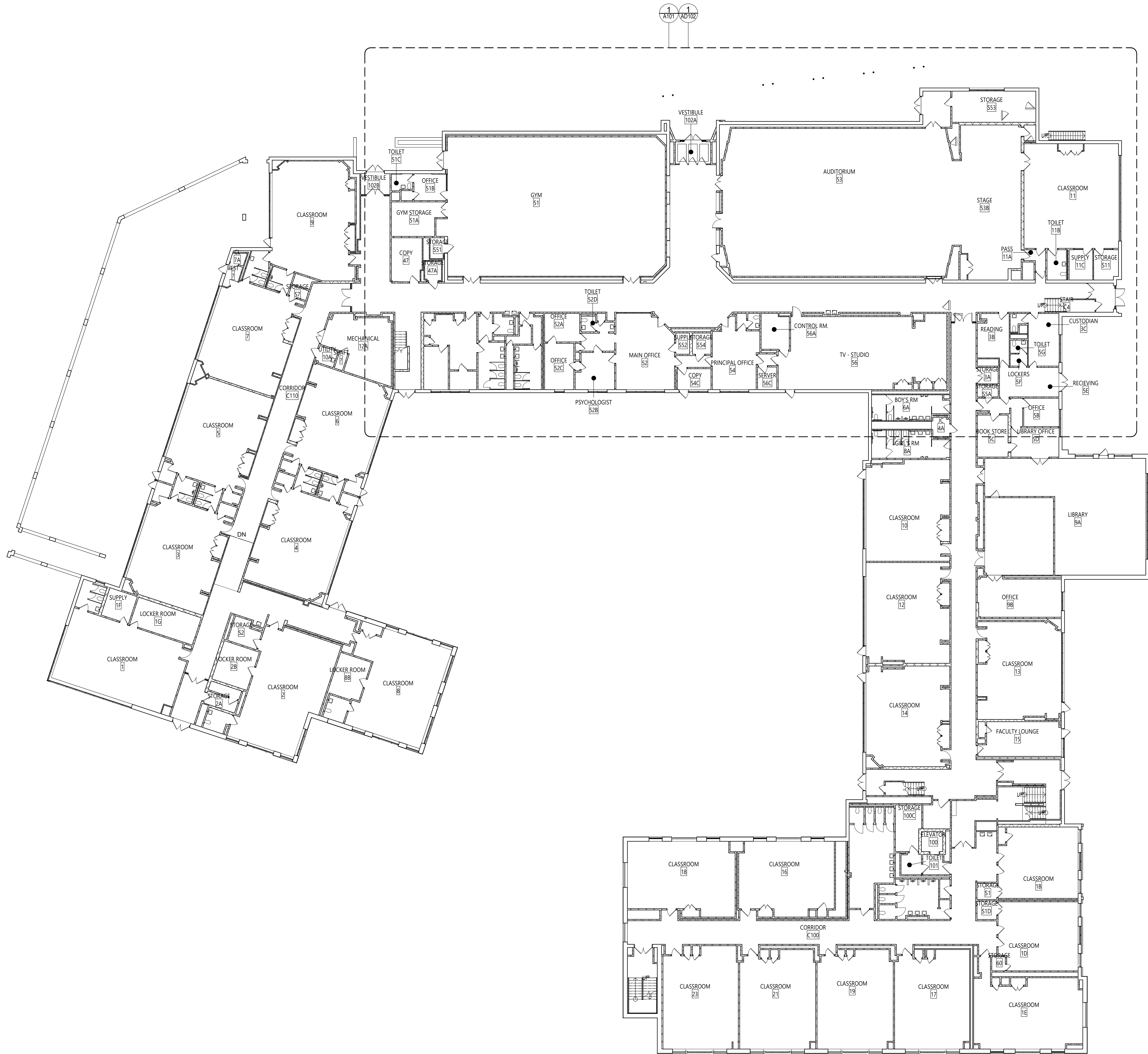


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SYMBOLS,
ABBREVIATIONS,
AND MISC

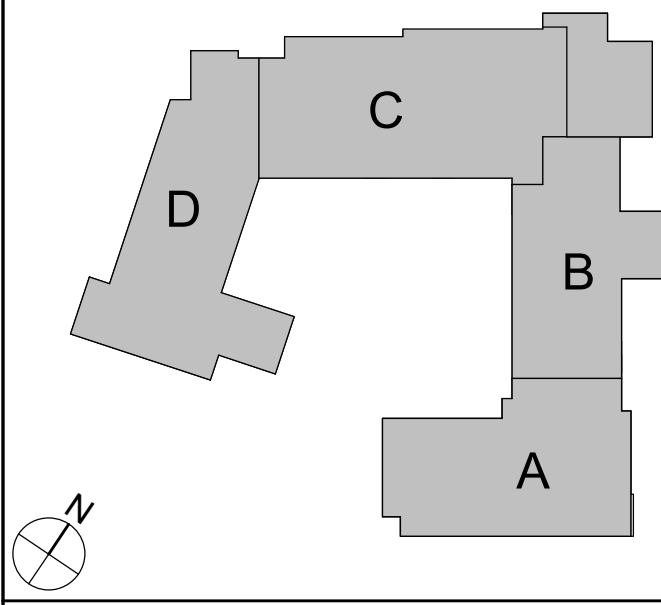
TES
G001



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

- GENERAL NOTES**
1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
 2. REFER TO L5100 SERIES DRAWINGS FOR LIFE SAFETY PLANS AND DETAILED INFORMATION.
 3. REFER TO A600 SERIES DRAWINGS FOR DIMENSIONS DETAILS, AND ADDITIONAL ROOFING INFORMATION.
 4. REFER TO A600 SERIES DRAWING FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
 5. REFER TO A600 SERIES DRAWINGS ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CEILING SCOPE.
 6. REFER TO A800 SERIES DRAWINGS FOR DOOR, STOREFRONT, WINDOW, DETAILS, SCHEDULES AND NOTES.
 7. REFER TO A7100 SERIES DRAWINGS FOR FINISH SCHEDULES, PLANS, AND NOTES.

KEY PLAN



**CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
2023 CAPITAL PROJECT - PHASE 2A**

Project Title



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Sheet Title
OVERALL FIRST FLOOR PLAN

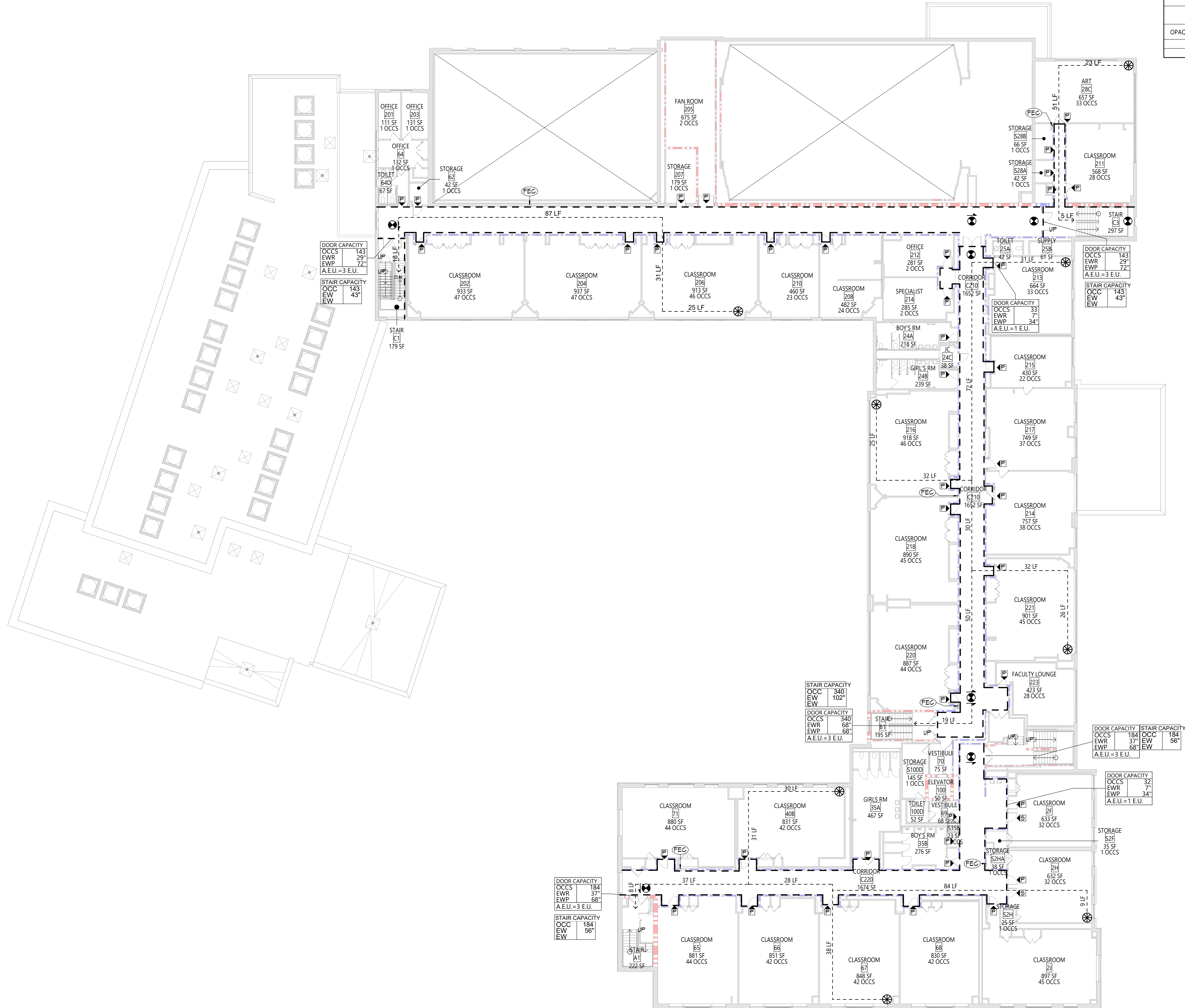
Sheet No.
**TES
G110**

CONSTRUCTION DOCUMENTS

Consultant



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2020 PLUMBING CODE OF NEW YORK STATE
(TABLE 403.1)

CLASSIFICATION: EDUCATIONAL				
OCCUPANCY:	150	MALE	FEMALE	TOTAL
STUDENTS:		75	75	150
FACULTY:		0	0	0
		MALE FIXTURES		FEMALE FIXTURES
STUDENT REQUIRED	1	1	2	2
STUDENT PROVIDED	0	0	0	0
FACULTY REQUIRED	0	0	0	0
FACULTY PROVIDED	0	0	0	0
* URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 50% OF THE REQUIRED WATER CLOSETS				
DRINKING FOUNTAINS (1/100)	REQUIRED: 1	PROVIDED: 0		

2020 ENERGY CONSERVATION CONSTRUCTION
CODE OF NEW YORK STATE

COUNTY:	XXX	CLIMATE ZONE:	XXX
VERTICAL FENESTRATION (U-FACTOR), Table C402.4	REQUIRED	PROVIDED	
FIXED FENESTRATION	XXX	XXX	
OPERABLE FENESTRATION	XXX	XXX	
ENTRANCE DOORS	XXX	XXX	
VERTICAL FENESTRATION SHGC, Table C402.4			
PF < 0.2	XXX	XXX	
0.2 ≤ PF ≤ 0.5	XXX	XXX	
PF > 0.5	XXX	XXX	
SKYLIGHTS, Table C402.4			
U-FACTOR	XXX	XXX	
PF ≥ 0.5	XXX	XXX	
ROOF ASSEMBLIES (R-VALUES), Table C402.1.3			
INSULATION ENTIRELY ABOVE ROOF DECK	R-XXci	R-XXci	
METAL BUILDINGS	R-XX + R-XX LS	R-XX + R-XX LS	
ATTIC AND OTHER	R-XX	R-XX	
WALLS ABOVE GRADE (R-VALUES), Table C402.1.3			
MASS	R-XXci	R-XXci	
METAL BUILDINGS	R-XX + R-XXci	R-XX + R-XXci	
METAL FRAMED	R-XX + R-XXci	R-XX + R-XXci	
WOOD FRAMED AND OTHER	R-XX + R-XXci	R-XX + R-XXci	
WALLS BELOW GRADE (R-VALUES), Table C402.1.3			
BELOW GRADE WALL	R-XXci	R-XXci	
FLOORS (R-VALUES), Table C402.1.3			
MASS	R-XXci	R-XXci	
JOIST / FRAMING	R-XX	R-XX	
SLABS ON GRADE FLOORS (R-VALUES), Table C402.1.3			
UNHEATED SLABS	R-XX FOR XX" BELOW	R-XX FOR XX" BELOW	
HEATED SLABS	R-XX FOR XX" BELOW	R-XX FOR XX" BELOW	
OPAQUE DOORS			
NONSWINGING (R-VALUE), Table C402.1.3	R-XX	R-XX	
SWINGING (U-VALUE), Table C402.1.4	XXX	XXX	

LIFE SAFETY PLAN LEGEND

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

- 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.

- ABBREVIATI
- AED AUTOMATED EXTERNAL DEFIBRILLATOR
- DF DRINKING FOUNTAIN
- ESB EMERGENCY EYE WASH STATION
- FED 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

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE
- 1 HOUR RATED FIRE
- 2 HOUR RATED FIRE
- 2 HOUR RATED FIRE

CODE
1952 ORIGINAL CONSTRUCTION:
CONSTRUCTION TYPE: IIB
GROUND FLOOR AREA: 5,194 SF
GROSS
FIRST FLOOR AREA: 46,031 SF
1952 CONSTRUCTION:
CONSTRUCTION TYPE: IIB
FIRST FLOOR AREA: 3,951 SF
GROSS
FIRST FLOOR AREA: 3,951 SF
CONSTRUCTION TYPE: IIB
GROUND AREA: 8,562 SF
GROSS
FIRST FLOOR AREA: 12,202 SF
GROSS
LEVEL 2 ALTERATION
XXX SF

OCCUPANT LOAD

ACCESSORY STORAGE AREA, MECH.	300
ASSEMBLY W/ FIXED	SECT.
ASSEMBLY W/OUT FIXED	
CONCENTRAT	1
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 ALLOWABLE AREA PER FLOOR (SQUARE FEET)
- A₁ TABULAR ALLOWABLE AREA FACTOR (NS1, S13R OR S13D VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)
- I 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 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 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)

$I_1 = (F/P - 0.25)W/30$
 $I_1 = [(100XX - 0.25)XX/30]$
 $I_1 = [0.0XX] 1.00$
 $I_1 = XX\%$

$A_u = A_n (NS \times I_1)$
 $A_u = XXX + (XXX \times 0.0XX)$
 $A_u = XXX + (XXX)$
 $A_u = XXX \text{ sq ft}$

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CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
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Sheet Title

SECOND
FLOOR - LIFE
SAFETY PLAN

Sheet No.

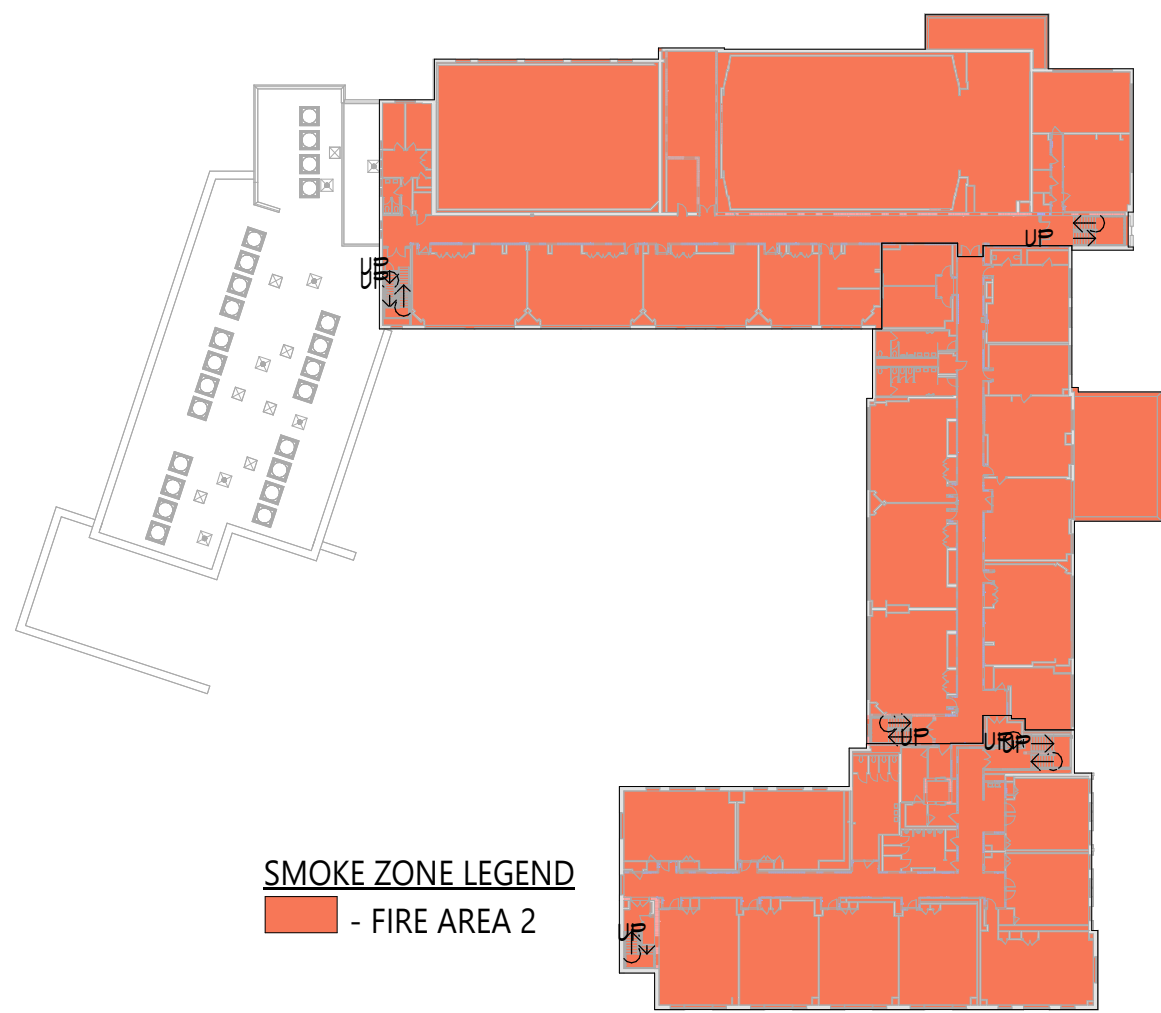
TES
LS102

CONSTRUCTION DOCUMENTS

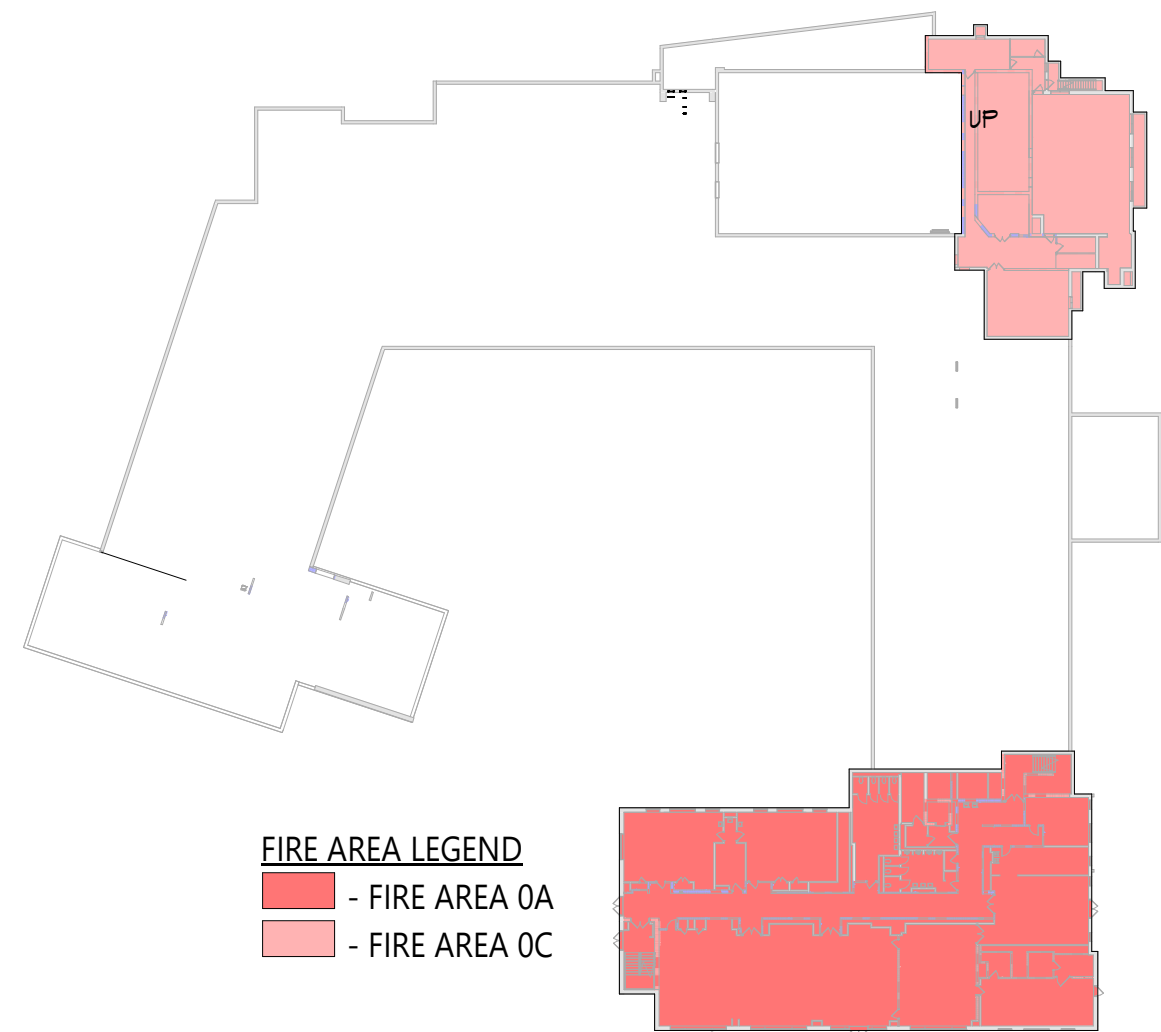
1 SECOND FLOOR LIFE SAFETY PLAN
LS102 1/16" = 1'-0"

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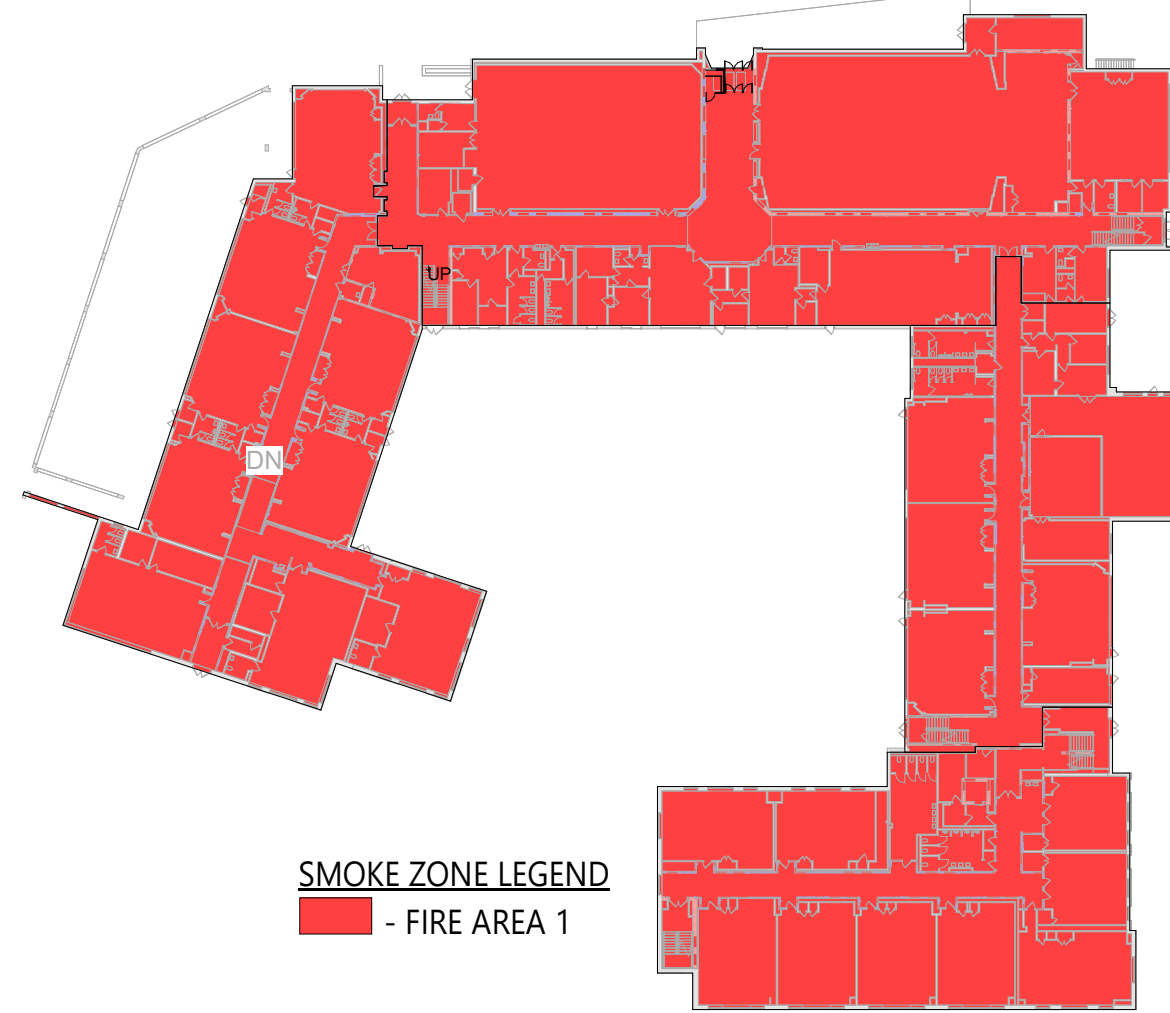
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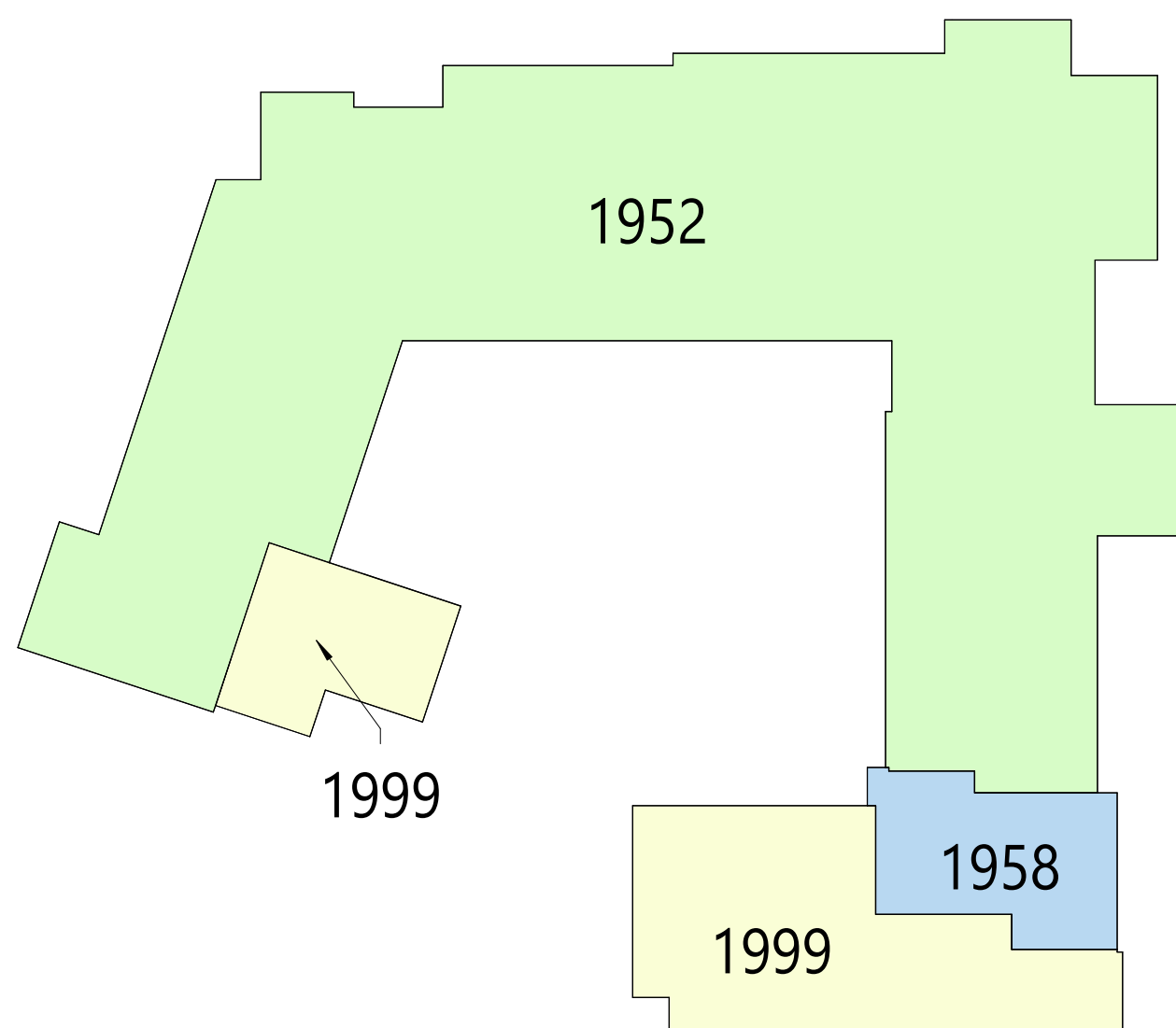
7 FIRE AREA SECOND FLOOR PLAN
LS103 1/64" = 1'-0"



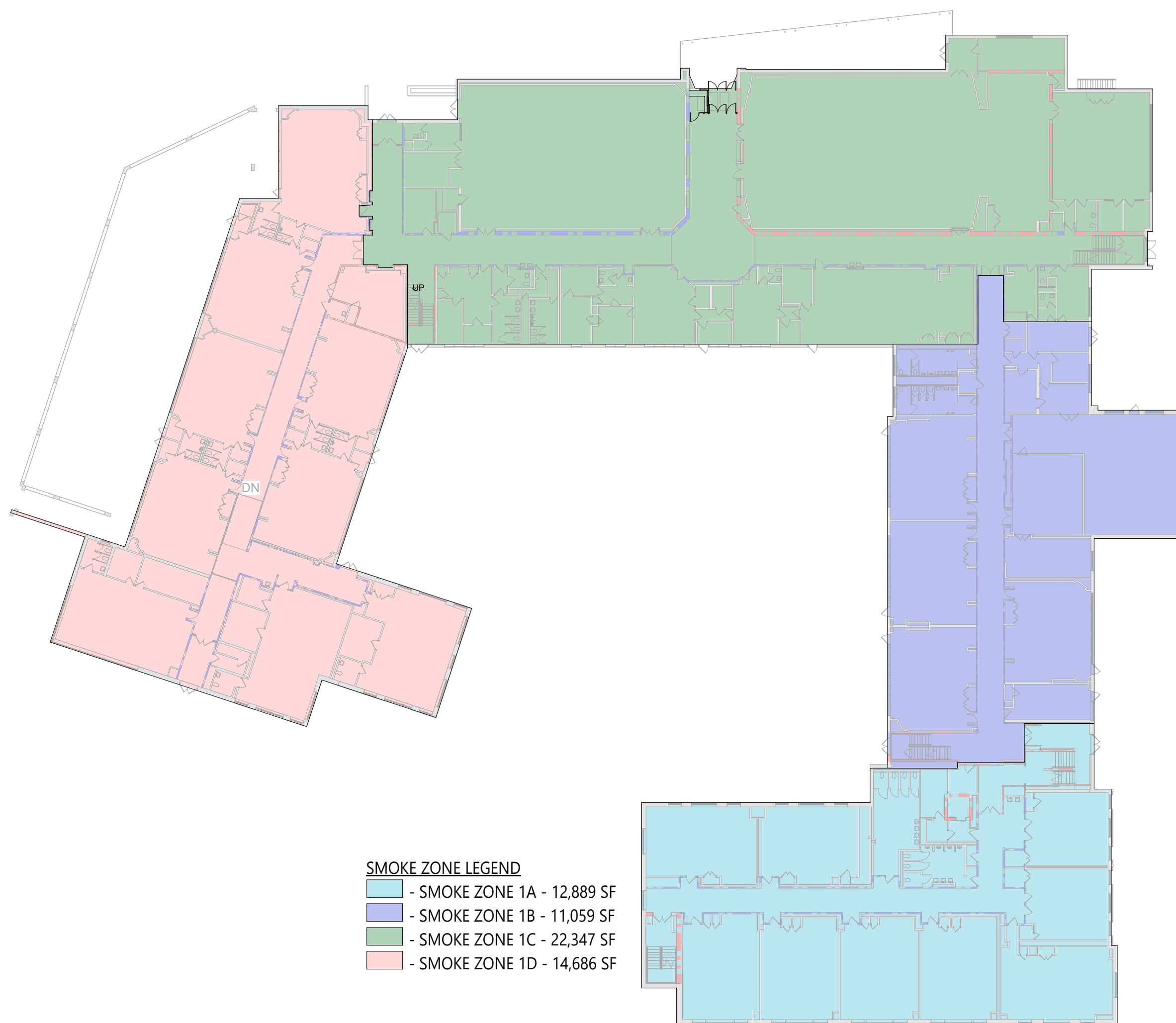
5 AREA 'A' GROUND FLOOR PLAN
LS103 1/64" = 1'-0"



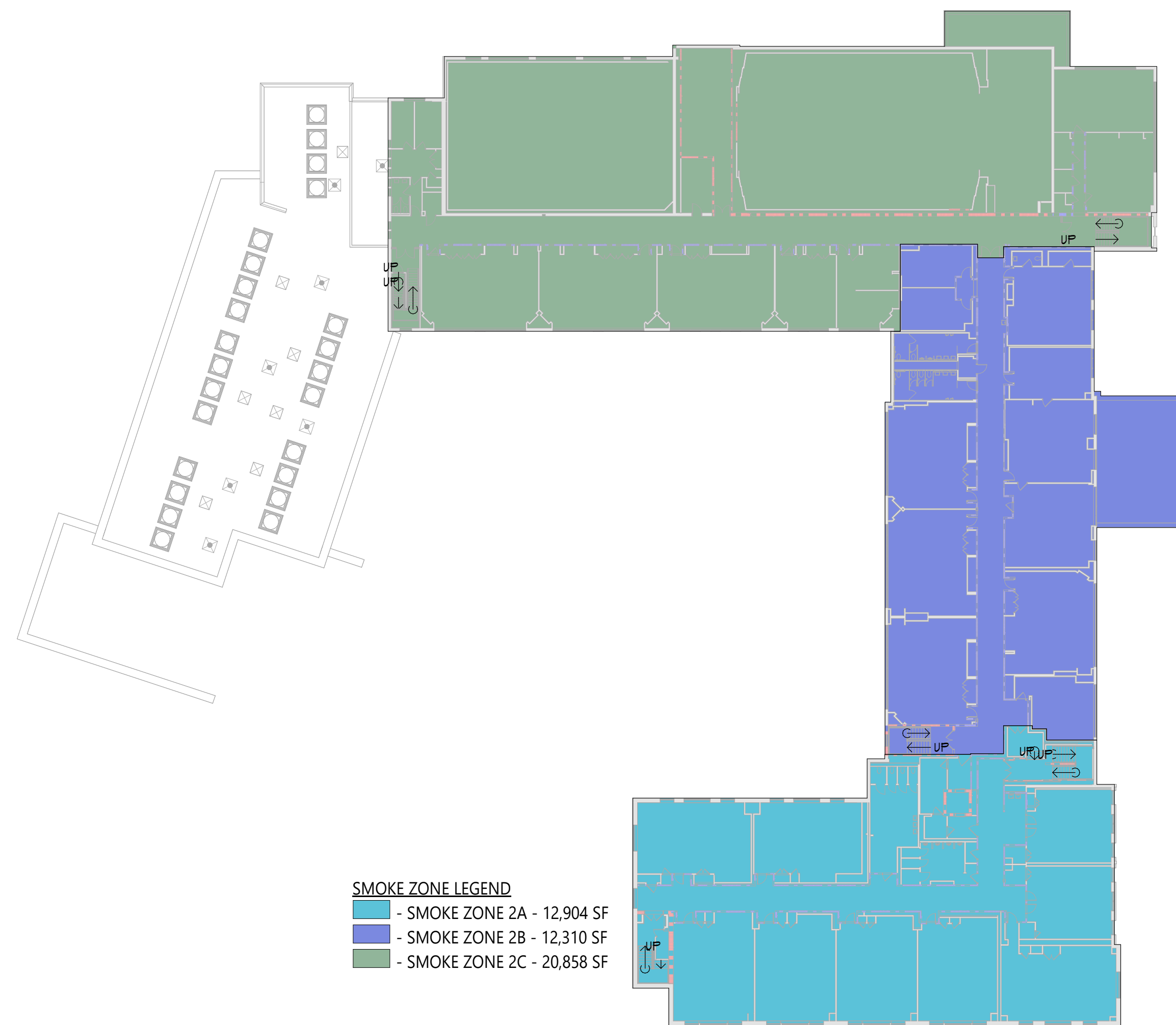
6 AREA 'B' PARTIAL FIRST FLOOR PLAN
LS103 1/64" = 1'-0"



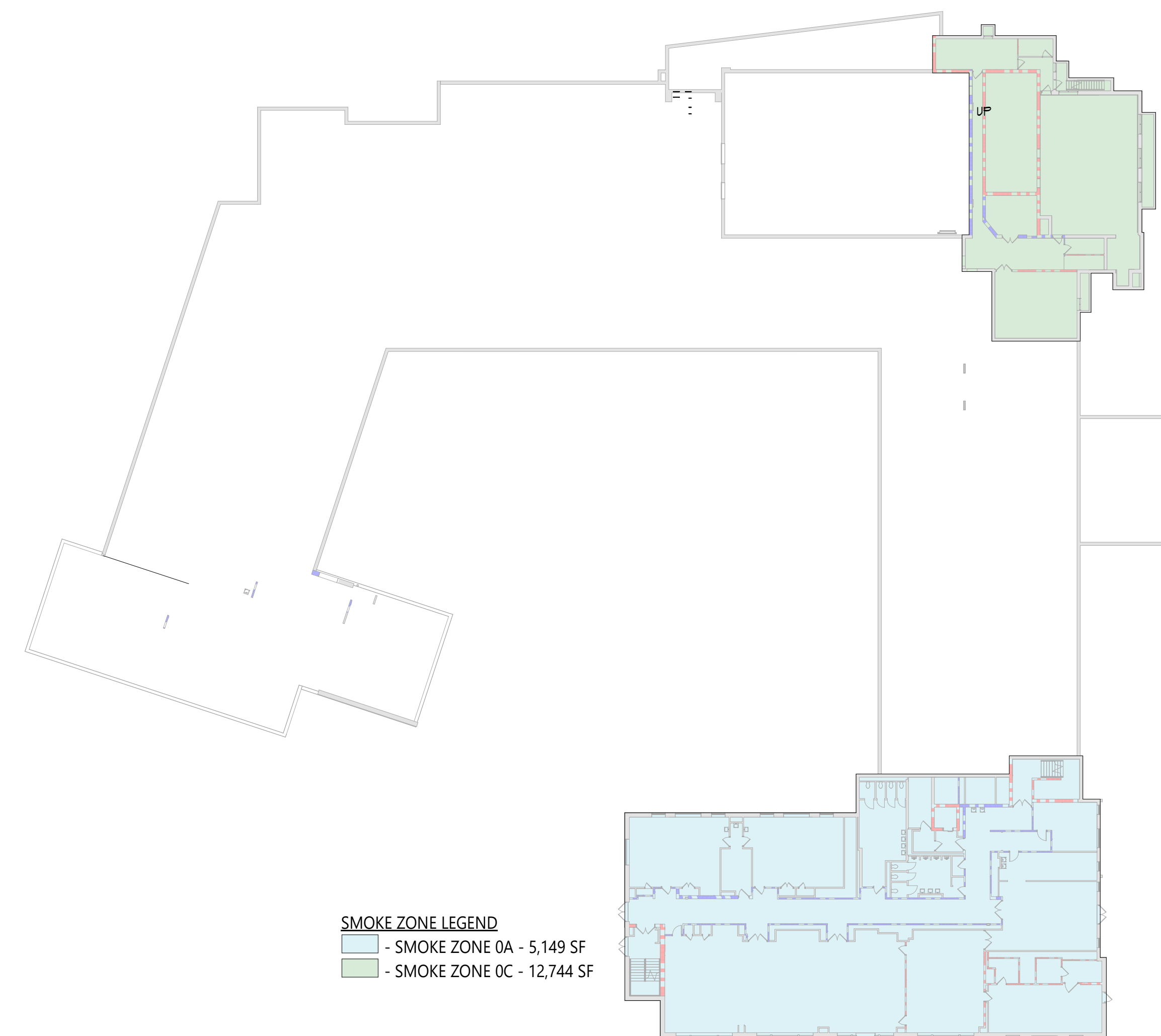
4 TRINITY VINTAGE PLAN
LS103 3/4" = 1'-0"



2 AREA 'B' PARTIAL FIRST FLOOR PLAN
LS103 1/32" = 1'-0"



3 SMOKE ZONE SECOND FLOOR PLAN
LS103 1/32" = 1'-0"



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

LIFE SAFETY PLAN LEGEND

- PRIMARY
- SECONDARY
- RESQUE MINION (SECONDARY)
- ACCESSIBLE
- RESQUE ASSISTANCE STATION/AREA OF
- NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)
- REQUIRED EXIT MIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)
- REQUIRED EXIT MIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)
- EXIT PATH OF TRAVEL

- 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.

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

SMOKE SEPARATION NOTES

- SMOKE BARRIER
- CORRIDOR, ENCLOSED WITH SMOKE PARTITIONS - NO COMMINGATING MECHANICAL AIR BETWEEN CORRIDOR AND

FIRE SEPARATION LEGEND

- 1 HOUR RATED FIRE
- 1 HOUR RATED FIRE
- 2 HOUR RATED FIRE
- 2 HOUR RATED FIRE

- CODE
- 1952 ORIGINAL CONSTRUCTION:
- CONSTRUCTION TYPE: IB
- GROUND FLOOR AREA: 5,194 SF
- GROSS
- FIRST FLOOR AREA: 46,031 SF
- CONSTRUCTION TYPE: IB
- FIRST FLOOR AREA: 3,951 SF
- GROSS
- FIRST FLOOR AREA: 3,951 SF
- CONSTRUCTION TYPE: IB
- GROUND AREA: 5,552 SF
- GROSS
- FIRST FLOOR AREA: 12,202 SF
- CONSTRUCTION OF

- 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 (NS1313R OR S130 VALUE) IN ACCORDANCE WITH TABLE 506.2 (SQUARE FEET)	
I _t	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 (20 FEET TO 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL	
W _n	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	$I_1 = (F/P - 0.25)W/30$	$A_1 = A_n(NS \times I_1)$
I ₂	$I_2 = (100XX - 0.25)XX/30$	$A_2 = XXX \times (XXX \times I_2)$
I ₃	$I_3 = (0.0XX) 1.00$	$A_3 = XXX \times (XXX)$
I ₄	$I_4 = XX\%$	$A_4 = XXX \text{ sq ft}$

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Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2A

Project Title



DATE	DESCRIPTION

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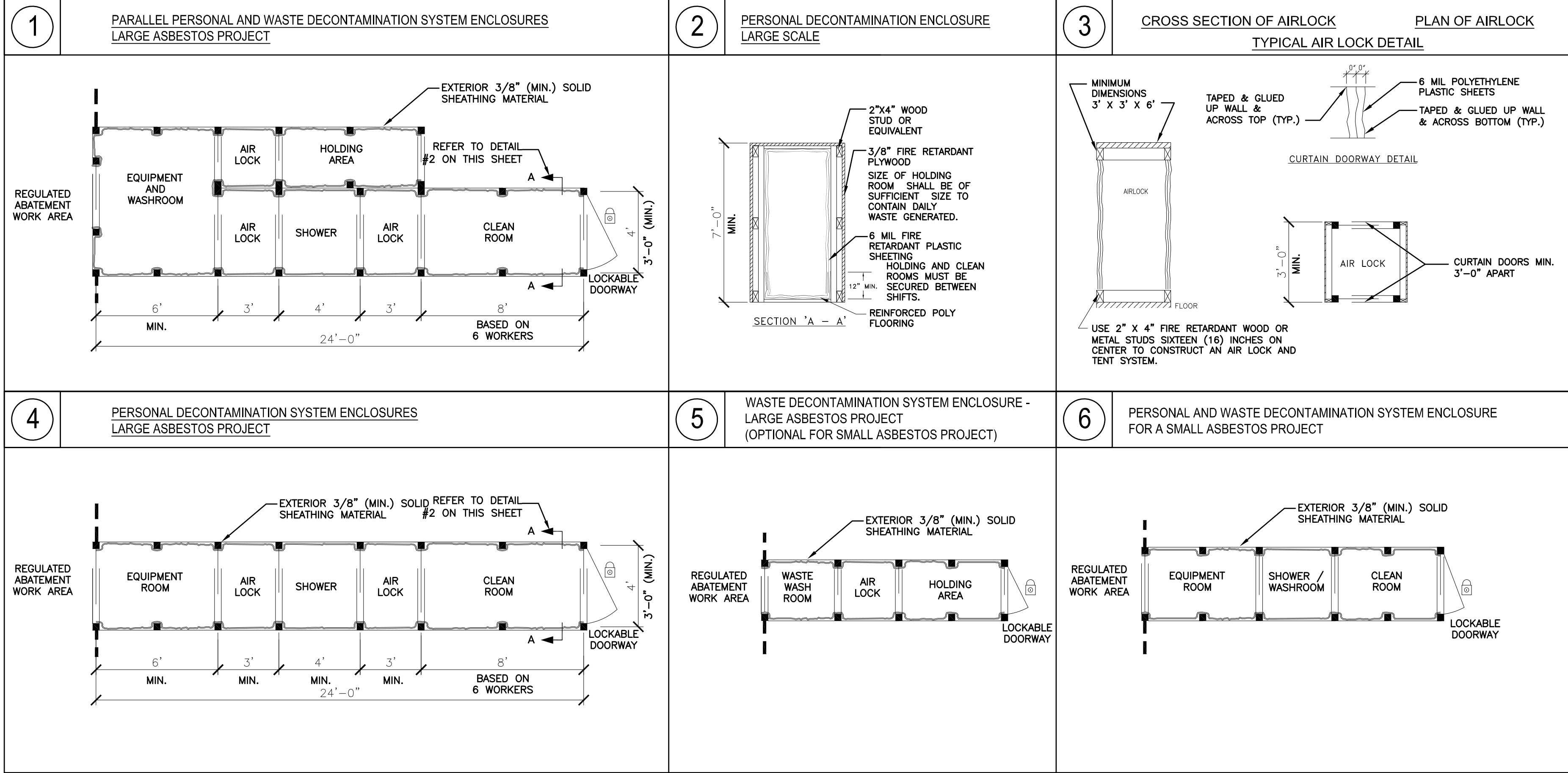
Sheet Title

LIFE SAFETY
DIAGRAMS

Sheet No.

TES
LS103

CONSTRUCTION DOCUMENTS



PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES. AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE, ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—LARGE PROJECT.

(1) ENCLOSURE—GENERAL. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND ATTACHED TO ALL LOCATIONS WHERE PERSONNEL SHALL ENTER OR EXIT THE REGULATED ABATEMENT WORK AREA. ONE PERSONAL DECONTAMINATION SYSTEM FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT REQUIRED FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA, WHEN THIS SITUATION DOES NOT EXIST, PERSONAL DECONTAMINATION ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE WITH ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN ON-SITE, OPERATIONAL, AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A CLEAN ROOM, A SHOWER ROOM AND AN EQUIPMENT ROOM CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AIRLOCKS. THERE SHALL BE A CURTAINED DOORWAY SEPARATION BETWEEN THE EQUIPMENT ROOM AND THE REGULATED ABATEMENT WORK AREA, AND THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE. MINIMUM DIMENSIONS FOR EACH AIRLOCK, SHOWER ROOM AND EQUIPMENT ROOM SHALL BE THREE FEET WIDE BY SIX FEET IN HEIGHT, TO ALLOW FOR ADEQUATE ACCESS TO AND FROM THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) FRAMING. ENCLOSURE SYSTEMS ACCESSIBLE TO THE PUBLIC SHALL BE FULLY FRAMED, HARD-WALL, SHEATHED AND UTILIZE A LOCKABLE DOOR FOR SAFETY AND SECURITY.

(5) SHEATHING. A PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHEATHING MATERIAL OF AT LEAST 3/4-INCH THICKNESS.

(6) PLASTIC SHEETING. ENCLOSURE SYSTEMS CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOOR PROTECTION OF THIS AREA.

(7) PREFABRICATED OR TRAILER UNITS. A COMPLETELY WATERTIGHT FIBERGLASS OR MARINE PAINTED PREFABRICATED UNIT DOES NOT REQUIRE PLASTICIZING. ROOMS SHALL BE CONFIGURED AS PER NYCRR PART 56-7.5. ALL PREFABRICATED OR TRAILER DECONTAMINATION UNITS SHALL BE KEPT IN GOOD CONDITION, AND SHALL BE COMPLETELY DECONTAMINATED AFTER FINAL CLEANING AND IMMEDIATELY PRIOR TO CLEARANCE AIR SAMPLING. UPON RECEIVING SATISFACTORY CLEARANCE AIR RESULTS, THE PREFABRICATED UNITS SHALL BE SEALED THEN SEPARATED FROM THE REGULATED ABATEMENT WORK AREA AND REMOVED FROM THE SITE.

(8) CLEAN ROOM. THE CLEAN ROOM SHALL BE SIZED TO ACCOMMODATE A FULL WORKSHIFT OF ASBESTOS ABATEMENT CONTRACTOR PERSONNEL, AS WELL AS THE AIR SAMPLING TECHNICIAN AND THE PROJECT MONITOR. THE CLEAN ROOM SHALL BE A MINIMUM OF SIX FEET IN HEIGHT, A MINIMUM OF 32 SQUARE FEET OF FLOOR SPACE SHALL BE PROVIDED FOR EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. IF THE LARGEST WORK SHIFT CONSISTS OF THREE OR LESS FULL SHIFT ABATEMENT WORKERS, THE MINIMUM CLEAN ROOM SIZE REQUIREMENT IS REDUCED TO 24 SQUARE FEET OF FLOOR SPACE. BENCHES, LOCKERS AND HOOKS SHALL BE PROVIDED FOR STREET CLOTHES. SHELVES FOR STORING RESPIRATORS SHALL BE PROVIDED. CLEAN CLOTHING, REPLACEMENT FILTERS FOR RESPIRATORS, TOWELS AND OTHER NECESSARY ITEMS SHALL BE PROVIDED. THE CLEAN ROOM SHALL NOT BE USED FOR STORAGE OF TOOLS, EQUIPMENT OR MATERIALS. IT SHALL NOT BE USED FOR OFFICE SPACE. A LOCKABLE DOOR SHALL BE PROVIDED TO PERMIT ACCESS TO THE CLEAN ROOM FROM OUTSIDE THE REGULATED ABATEMENT WORK AREA OR ENCLOSURE AND SHALL BE USED TO SECURE THE REGULATED ABATEMENT WORK AREA AND DECONTAMINATION ENCLOSURE DURING NON-WORK HOURS.

(9) SHOWER ROOM. THE SHOWER ROOM SHALL CONTAIN ONE SHOWER PER EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. MULTIPLE SHOWERS SHALL BE SIMULTANEOUSLY ACCESSIBLE (INSTALLED IN PARALLEL) TO CERTIFIED PERSONNEL. EACH SHOWERHEAD SHALL BE SUPPLIED WITH HOT AND COLD WATER ADJUSTABLE AT THE TAP. THE SHOWER ENCLOSURE SHALL BE CONSTRUCTED TO ENSURE AGAINST LEAKAGE OF ANY KIND. UNCONTAMINATED SOAP, SHAMPOO AND TOWELS SHALL BE AVAILABLE AT ALL TIMES. SHOWER WATER SHALL BE DRAINED, COLLECTED AND FILTERED THROUGH A SYSTEM WITH AT LEAST 5.0 MICRON PARTICLE SIZE COLLECTION CAPABILITY. SUBMERSIBLE PUMPS SHALL BE INSTALLED, MAINTAINED AND UTILIZED IN ACCORDANCE WITH PERTINENT OSHA REGULATIONS AND MANUFACTURER'S RECOMMENDATIONS. A MULTISTAGE FILTERING SYSTEM CONTAINING A SERIES OF SEVERAL FILTERS WITH PROGRESSIVELY SMALLER PORE SIZES SHALL BE USED TO AVOID RAPID CLOGGING OF THE FILTERING SYSTEM BY LARGER PARTICLES. FILTERED WASTEWATER SHALL BE DISCHARGED IN ACCORDANCE WITH APPLICABLE CODES. CONTAMINATED FILTERS SHALL BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE.

(10) EQUIPMENT ROOM. THE EQUIPMENT ROOM SHALL BE USED FOR THE STORAGE OF DECONTAMINATED EQUIPMENT AND TOOLS. A ONE-DAY SUPPLY OF REPLACEMENT FILTERS FOR HEPA-VACUUMS AND NEGATIVE PRESSURE VENTILATION EQUIPMENT IN SEALED CONTAINERS, EXTRA TOOLS, CONTAINERS OF SURFACTANT AND OTHER MATERIALS AND EQUIPMENT THAT MAY BE REQUIRED DURING THE ABATEMENT PROJECT MAY ALSO BE STORED HERE. A CONTAINER LINED WITH A LABELED, AT LEAST SIX MIL PLASTIC BAG FOR COLLECTION OF CLOTHING SHALL BE LOCATED IN THIS ROOM. CONTAMINATED FOOTWEAR AND WORK CLOTHES SHALL BE STORED IN THIS AREA.

(11) AIRLOCKS. AIRLOCK CONSTRUCTION SHALL CONSIST OF TWO CURTAINED DOORWAYS WITH THREE ALTERNATING SIX MIL FIRE-RETARDANT POLYETHYLENE CURTAINS PER DOORWAY, SEPARATED BY A DISTANCE OF AT LEAST THREE FEET, SUCH THAT ONE PASSES THROUGH ONE DOORWAY INTO THE AIRLOCK, ALLOWING THE DOORWAY SHEETING TO OVERLAP AND CLOSE OFF THE OPENING BEFORE PROCEEDING THROUGH THE NEXT DOORWAY. MINIMUM AIRLOCK SIZE SHALL BE THREE FEET WIDE, BY THREE FEET LONG, BY SIX FEET IN HEIGHT.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—SMALL PROJECT.

(1) ENCLOSURE REQUIREMENTS. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT SHALL CONSIST OF, AT A MINIMUM, AN EQUIPMENT ROOM, A SHOWER ROOM AND A CLEAN ROOM SEPARATED FROM EACH OTHER AND FROM THE REGULATED ABATEMENT WORK AREA AND OTHER AREAS BY CURTAINED DOORWAYS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56. ALL OTHER PROVISIONS FOR PERSONAL DECONTAMINATION SYSTEM FOR A LARGE ASBESTOS PROJECT SHALL APPLY. EQUIPMENT STORAGE, PERSONAL GROSS DECONTAMINATION AND REMOVAL OF CLOTHING SHALL OCCUR IN THE EQUIPMENT ROOM JUST PRIOR TO ENTERING THE SHOWER. THE FULL PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SPECIFIED FOR LARGE ASBESTOS PROJECTS IS RECOMMENDED.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56. NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBOX ONLY ABATEMENT, OR IF NON-FRRIABLE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRRIABLE, IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRRIABLE ACM OR ASBESTOS MATERIAL WILL BECOME FRRIABLE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE. THE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL, THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5. ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT WASHROOM. THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREAS. THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA, THEN PROCEED INTO THE AIRLOCK, WHICH SERVES AS A CHANGING AREA, WHERE HIS/HER SHALL REMOVAL OF OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED. WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA, WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK. THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE, WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED. ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE — SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARTS, WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE. WASTE DECONTAMINATION SYSTEM ENCLOSURE — WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

(1) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2) SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS. (I) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

(II) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

TENT PROCEDURES

TENT PROCEDURES SHALL BE CONDUCTED AS FOLLOWS:

(A) TENT PROCEDURES SHALL BE LIMITED TO THE REMOVAL OF LESS THAN 260 LINEAR FEET AND 160 SQUARE FEET OF ACM AND SHALL NOT RESULT IN DISTURBANCE OF ACM DURING TENT ERECTION.

(B) TENT PROCEDURES SHALL BE ACCOMPLISHED IN A CONSTRUCTED OR COMMERCIALY AVAILABLE FIRE RETARDANT PLASTIC TENT, PLASTICIZING AND SEALING ALL SURFACES NOT BEING ABATED WITHIN THE TENT PERIPHERY FORMING AN ENCLOSURE. THE TENT SHALL BE OF FIRE RETARDANT 6MIL PLASTIC AT A MINIMUM, WITH SEAMS HEAT-SEALED, OR DOUBLE-FOLDED, STAPLED AND TAPED AIRTIGHT AND THEN TAPED FLUSH WITH THE ADJACENT TENT WALL. THIS IS A SINGLE USE BARRIER THAT SHALL NOT BE REUSED ONCE DISMANTLED OR COLLAPSED.

(C) THERE SHALL BE AN AIRLOCK AT THE ENTRANCE TO THE TENT, UNLESS THERE IS AN ATTACHED WORKER OR WASTE DECONTAMINATION SYSTEM.

(D) ASBESTOS HANDLERS INVOLVED IN THE TENT PROCEDURE SHALL WEAR PERSONAL PROTECTIVE EQUIPMENT PLUS A SECOND DISPOSABLE SUIT. ALL STREET CLOTHES SHALL BE REMOVED AND STORED IN A CLEAN ROOM WITHIN THE WORK SITE. THE PERSONAL PROTECTIVE EQUIPMENT WITH TWO DISPOSABLE SUITS SHALL BE USED FOR INSTALLATION OF THE TENT AND THROUGHOUT THE PROCEDURE IF A DECONTAMINATION UNIT WITH A SHOWER IS NOT CONTIGUOUS TO THE WORK AREA. IF A DECONTAMINATION UNIT WITH SHOWER AND CLEAN ROOM AT A MINIMUM) IS CONTIGUOUS TO THE WORK AREA, ONLY ONE DISPOSABLE SUIT SHALL BE REQUIRED; IN THIS CASE, PRIOR TO EXITING THE TENT THE WORKER SHALL HEPA VACUUM AND WET CLEAN THE DISPOSABLE SUIT.

(E) THE TENT SHALL BE ATTACHED TO THE SURFACE TO PRODUCE AN AIRTIGHT SEAL EXCEPT FOR AN APPROPRIATE SECTION TO ALLOW FOR MAKE-UP AIR INTO THE TENT.

(F) NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO CONTINUOUSLY EXHAUST THE ENCLOSED AREA.

(G) REMOVAL OF ACM SHALL BE BY WET METHODS IN ACCORDANCE.

(H) ACM REMOVED SHALL BE PLACED IN A LEAK-TIGHT CONTAINER WITHOUT DROPPING IT.

(I) UPON COMPLETION OF ABATEMENT, AND PRIOR TO TENT COLLAPSE, THE ENCLOSED SUBSTRATES SHALL:

(1) BE WET CLEANED USING RAGS, MOPS OR SPONGES; AND

(2) BE PERMITTED SUFFICIENT TIME TO DRY, PRIOR TO HEPA VACUUMING ALL SUBSTRATES; AND

(3) BE LIGHTLY ENCAPSULATED TO LOCKDOWN RESIDUAL ASBESTOS.

(J) UPON BARRIER DISTURBANCE, LOSS OF ENGINEERING CONTROLS, OR TERMINATION OF TENT USAGE, THE TENT AND THE ENCLOSED SURFACES SHALL BE TREATED ACCORDING TO SUBDIVISION (I) ABOVE.

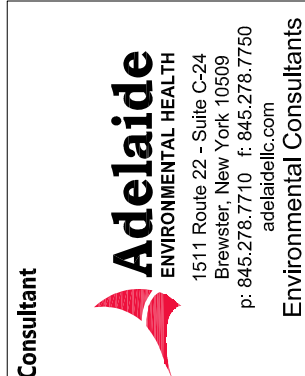
(K) THE BAGGED WASTE SHALL BE WET CLEANED OR HEPA VACUUMED AND THEN TRANSFERRED OUTSIDE THE TENT, DOUBLE BAGGED, AND APPROPRIATELY HANDLED PRIOR TO DISPOSAL.

(L) THE OUTER DISPOSABLE SUIT (IF 2 SUITS ARE WORN) SHALL BE HEPA VACUUMED IN THE TENT PRIOR TO EXITING. THE OUTER DISPOSABLE SUIT SHALL BE REMOVED IN THE AIRLOCK AND A CLEAN SUIT SHALL BE WORN OVER THE INNER SUIT. THE WORKERS SHALL IMMEDIATELY PROCEED TO A SHOWER AT THE WORK SITE. THE INNER DISPOSABLE SUIT AND RESPIRATOR SHALL BE REMOVED IN THE SHOWER AFTER APPROPRIATE WETTING. THE DISPOSABLE CLOTHING SHALL BE DISPOSED OF AS ASBESTOS-CONTAINING WASTE MATERIAL. THE WORKERS SHALL THEN FULLY AND VIGOROUSLY SHOWER WITH SUPPLIED LIQUID BATH SOAP, SHAMPOO, AND CLEAN DRY TOWELS.

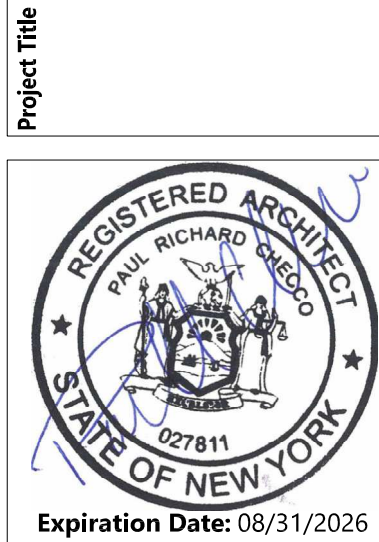
(M) THE NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO FILTER A MINIMUM OF 4 VOLUME CHANGES THROUGH THE TENT AFTER COMPLETION OF ABATEMENT BUT PRIOR TO COLLAPSE OF THE TENT/BARRIER. ALL REQUIRED AIR MONITORING MUST BE SUCCESSFULLY COMPLETED BEFORE THE TENT/BARRIER IS COLLAPSED.

(N) THE TENT SHALL BE COLLAPSED INWARD, ENCLOSED THE CONTAMINATED CLOTHING. THIS CONTAMINATED MATERIAL SHALL BE DISPOSED OF IN ANOTHER PLASTIC BAG. THE HEPA VACUUM SHALL BE DECONTAMINATED AND SEALED.

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CITY SCHOOL DISTRICT OF NEW ROCHELLE 2023 CAPITAL PROJECT - PHASE 2



Project Title:	
Drawn By:	ADHA
Checked By:	JF
Scale:	
Check Proj. #:	186-2301.02
Issued For Bid:	03/14/2025

Sheet Title
ASBESTOS
ABATEMENT
GENERAL
NOTES &
DETAILS


Sheet No.

AA001

ASBESTOS ABATEMENT KEYNOTES		QTY
AA2	SAWCUT, REMOVE AND DISPOSE OF MASONRY WALL AS ASBESTOS CONTAINING MATERIAL. REMOVE ACM DEBRIS AND THERMAL SYSTEMS ISOLATION ON PIPES & FITTINGS IN CHASE BEHIND MASONRY WALL. COORDINATE WITH ARCHITECTURAL DEED PLANS.	TYP. FOR 200 SQ. FT. OF WALL REMOVAL + 60 SQ. FT. OF DEBRIS + 24 LIN. FT. OF ISI
AA2	REMOVE AND DISPOSE OF LIGHTS AND ASSOCIATED LIGHT WIRING WHIPS AFTER THE SAME HAS BEEN DISCONNECTED FROM ITS POWER SOURCE BY THE ELECTRICAL CONTRACTOR.	TYP. FOR 3 LIGHTS / 6 LIN. FT.

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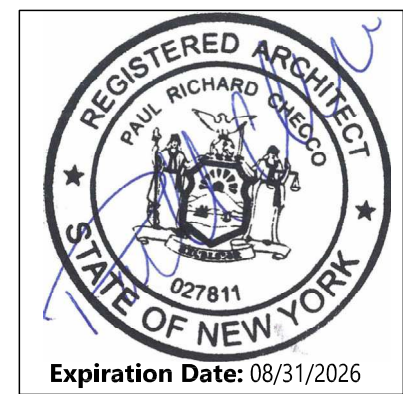
Consultant

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CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
2023 CAPITAL PROJECT - PHASE 2

Project Title



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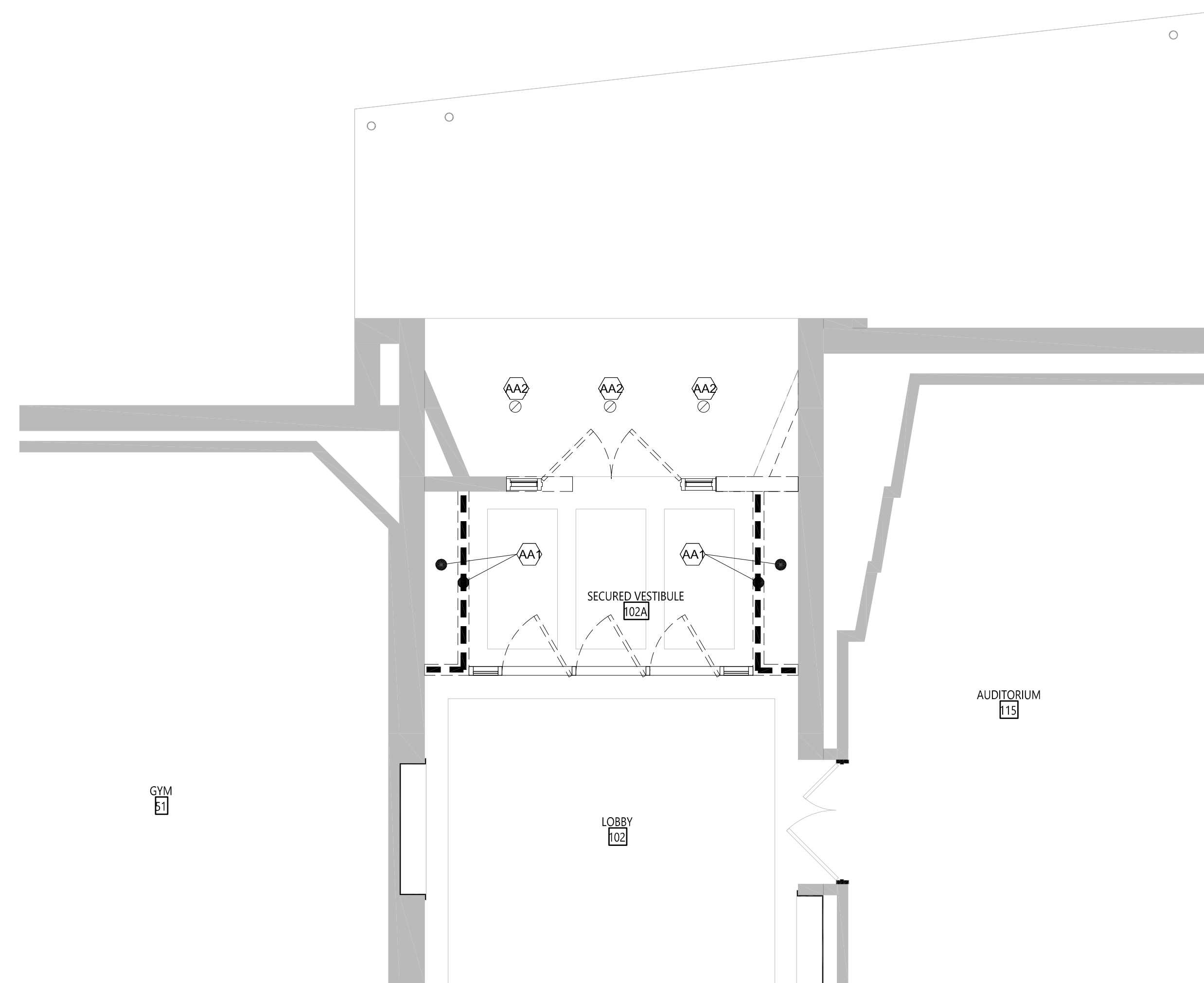
Sheet Title

ASBESTOS ABATEMENT PLAN

Sheet No. _____

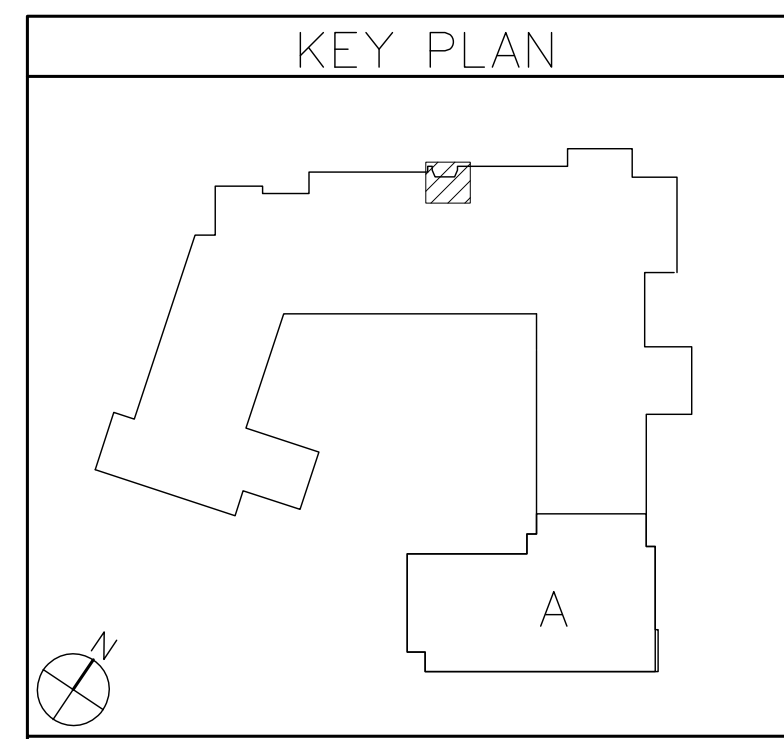
Sheet No. **TES**
AA100

CONSTRUCTION DOCUMENTS



GYM
51

1 FIRST FLOOR ABATEMENT PLAN
AA100 1/4" = 1'-0"



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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. ALL EXISTING MATERIALS SHALL BE TURNED OVER TO OWNER, UNLESS OTHERWISE SPECIFIED.
4. ALL KEVED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS. COORDINATE WITH NEW INSTALLATION.
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. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

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CS ARCH

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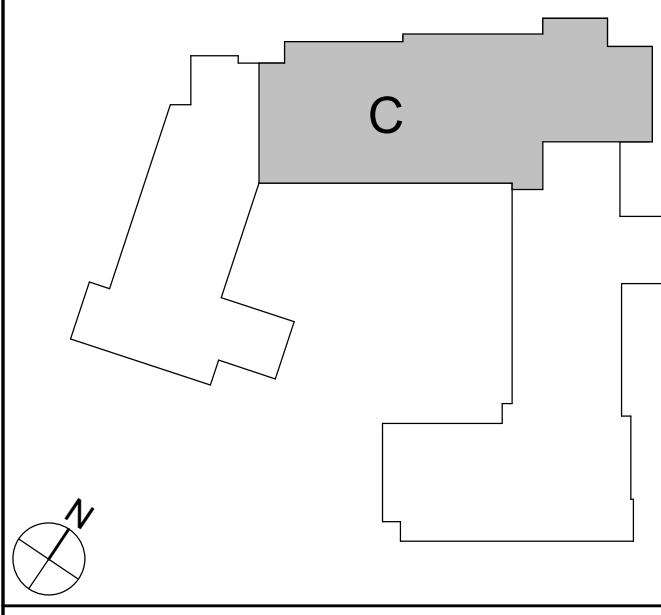
CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2A



	DATE	DESCRIPTION

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Issued for Bid:	03/14/2025

KEY PLAN



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Sheet title

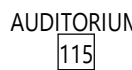
AREA 'C' -
PARTIAL FIRST
FLOOR
DEMOLITION
PLAN

Sheet No. **TES**
AD102

CONSTRUCTION DOCUMENTS



GYM
51



GYN
51






102

DEMOLITION GENERAL NOTES

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

CEILING DEMOLITION LEGEND

	GWB OR PLASTER CEILING; REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL CEILING TILE SYSTEM
	CEILING HEIGHT ABOVE FINISHED FLOOR,

C

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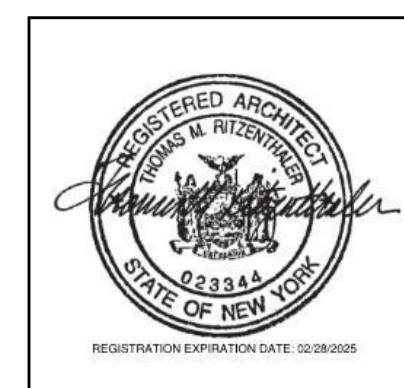
2

1. REFER TO SECT 6001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO L5100 SERIES DRAWINGS FOR LIFE SAFETY PLANS AND DETAILED INFORMATION.
3. REFER TO A600 SERIES DRAWINGS FOR DIMENSIONS DETAILS, AND ADDITIONAL ROOFING INFORMATION.
4. REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINERY.
5. REFER TO A600 SERIES DRAWINGS ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CEILING SCOPE.
6. REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, WINDOW, DETAILS, SCHEDULES AND NOTES
7. REFER TO A100 SERIES DRAWINGS FOR FINISH SCHEDULES, PLANS, AND NOTES.

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CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2A



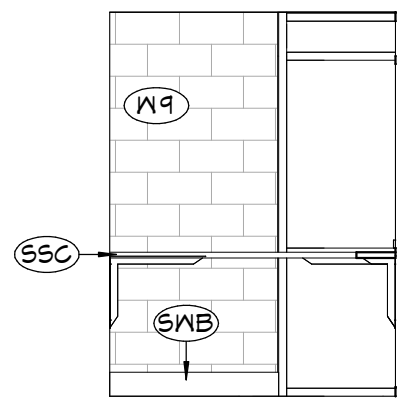
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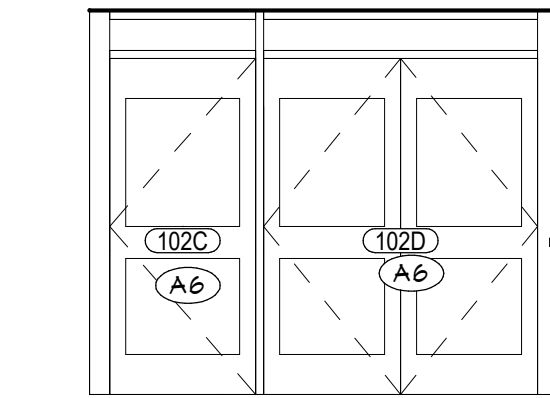
AREA 'C' -
PARTIAL FIRST
FLOOR PLAN

Sheet No. **TES**
A101

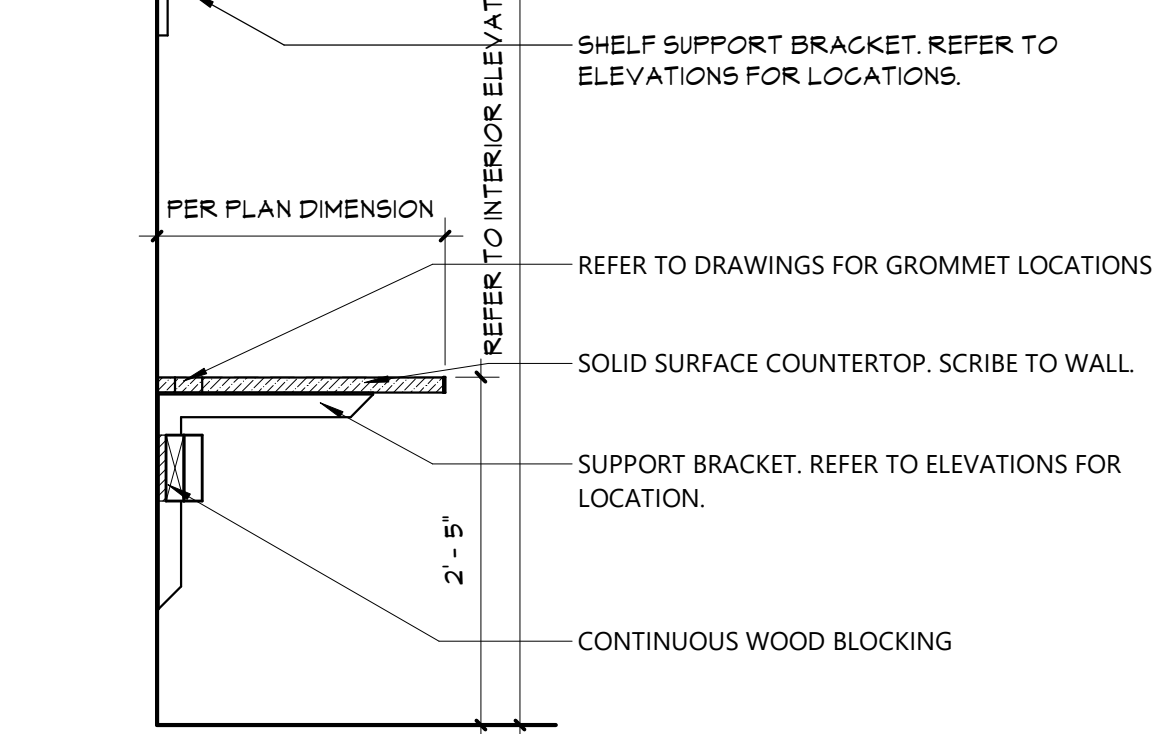
CONSTRUCTION DOCUMENTS



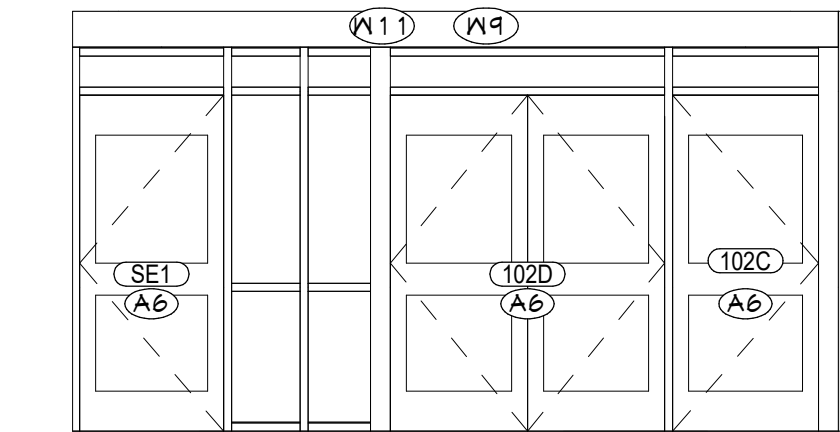
11 SE1 NORTH ELEVATION
A601 1/4" = 1'-0"



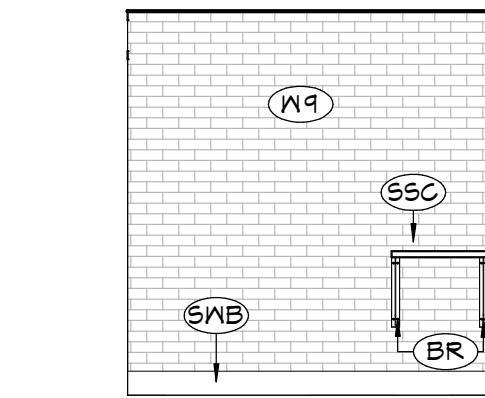
7 102A VEST. SOUTH ELEVATION
A601 1/4" = 1'-0"



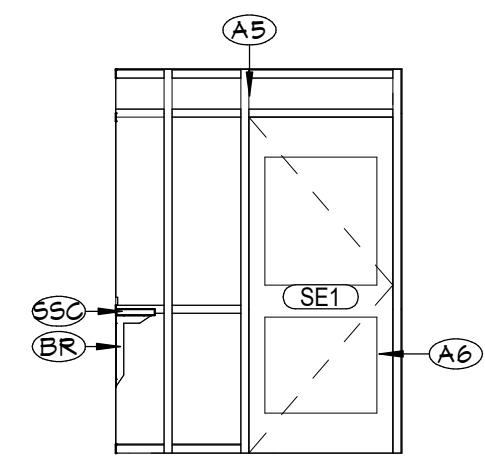
17 PLUMBING FIXTURE ELEVATIONS
A601 3/4" = 1'-0"



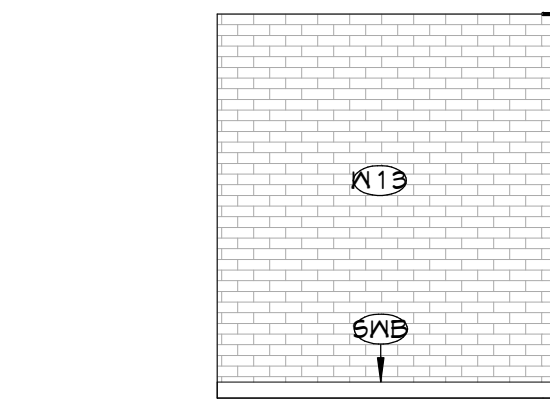
14 FRONT DOOR ELEVATION
A601 1/4" = 1'-0"



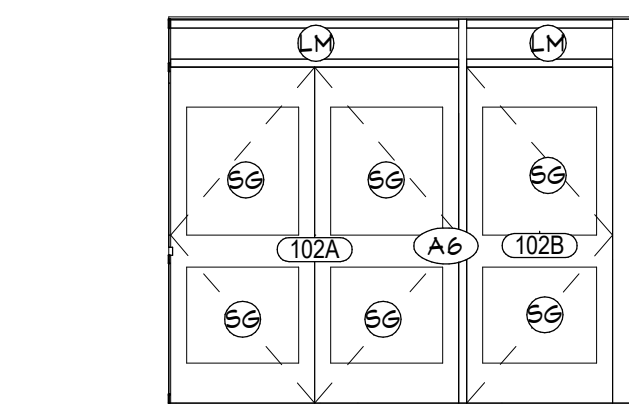
10 SE1 WEST ELEVATION
A601 1/4" = 1'-0"



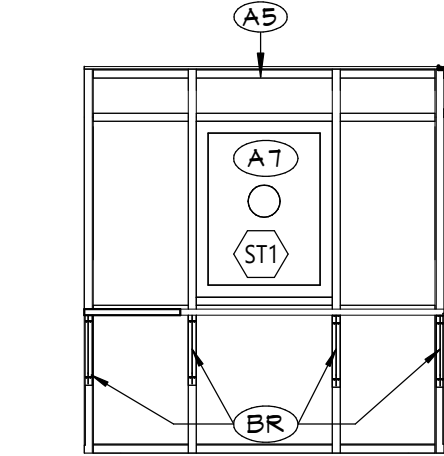
13 SE1 SOUTH ELEVATION
A601 1/4" = 1'-0"



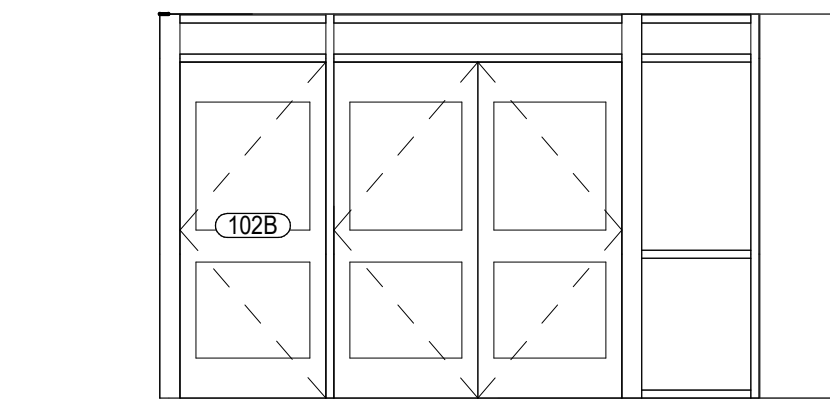
16 ENTRANCE EAST ELEVATION
A601 1/4" = 1'-0"



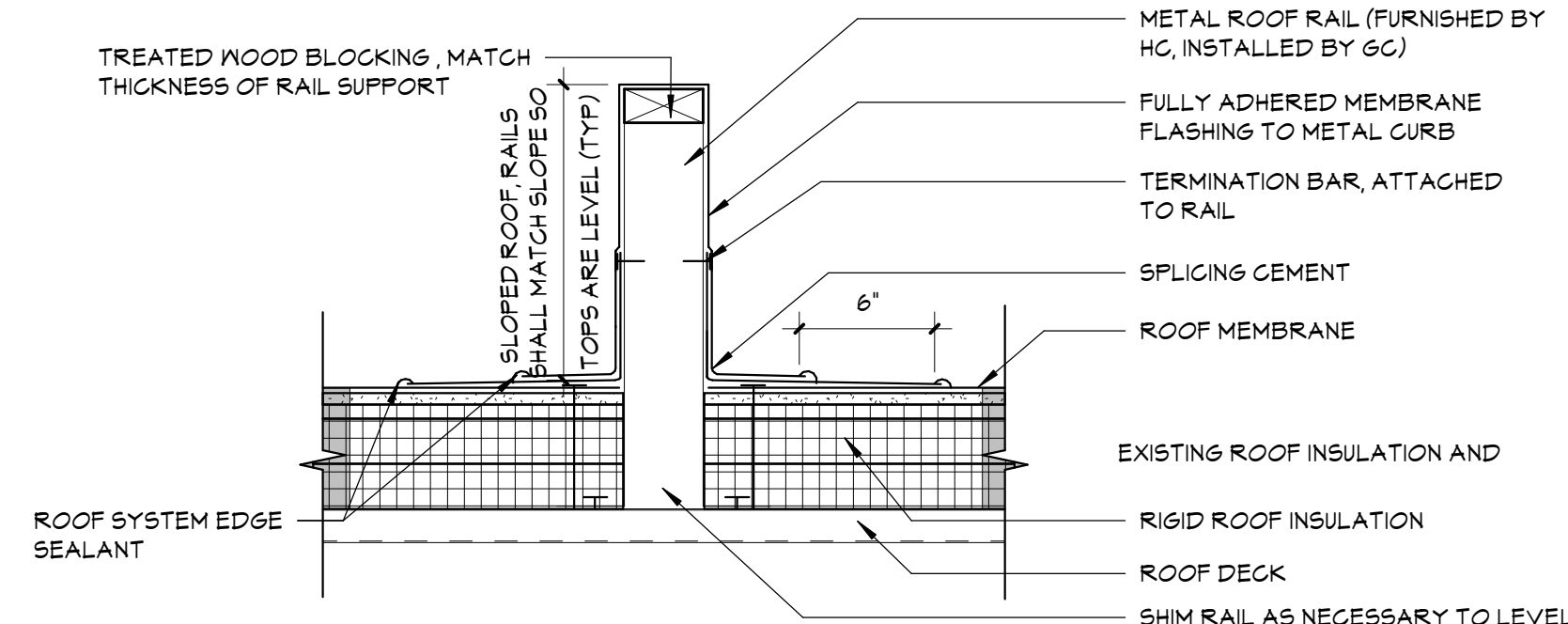
5 102A VEST. NORTH ELEVATION
A601 1/4" = 1'-0"



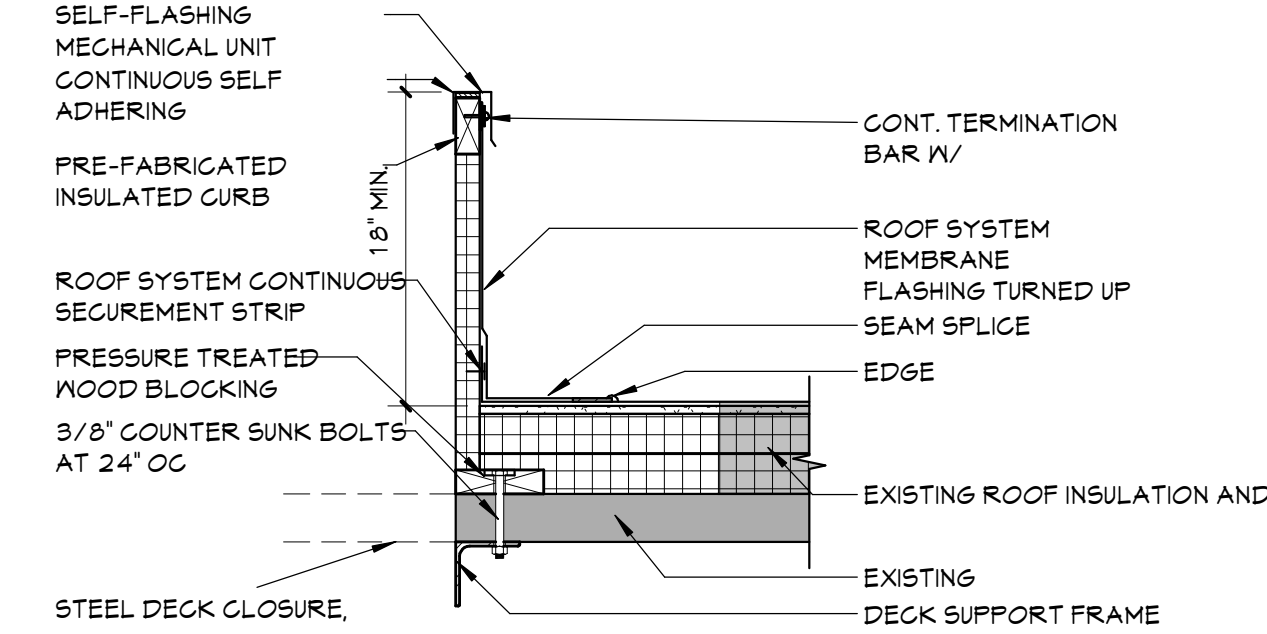
12 SE1 EAST ELEVATION
A601 1/4" = 1'-0"



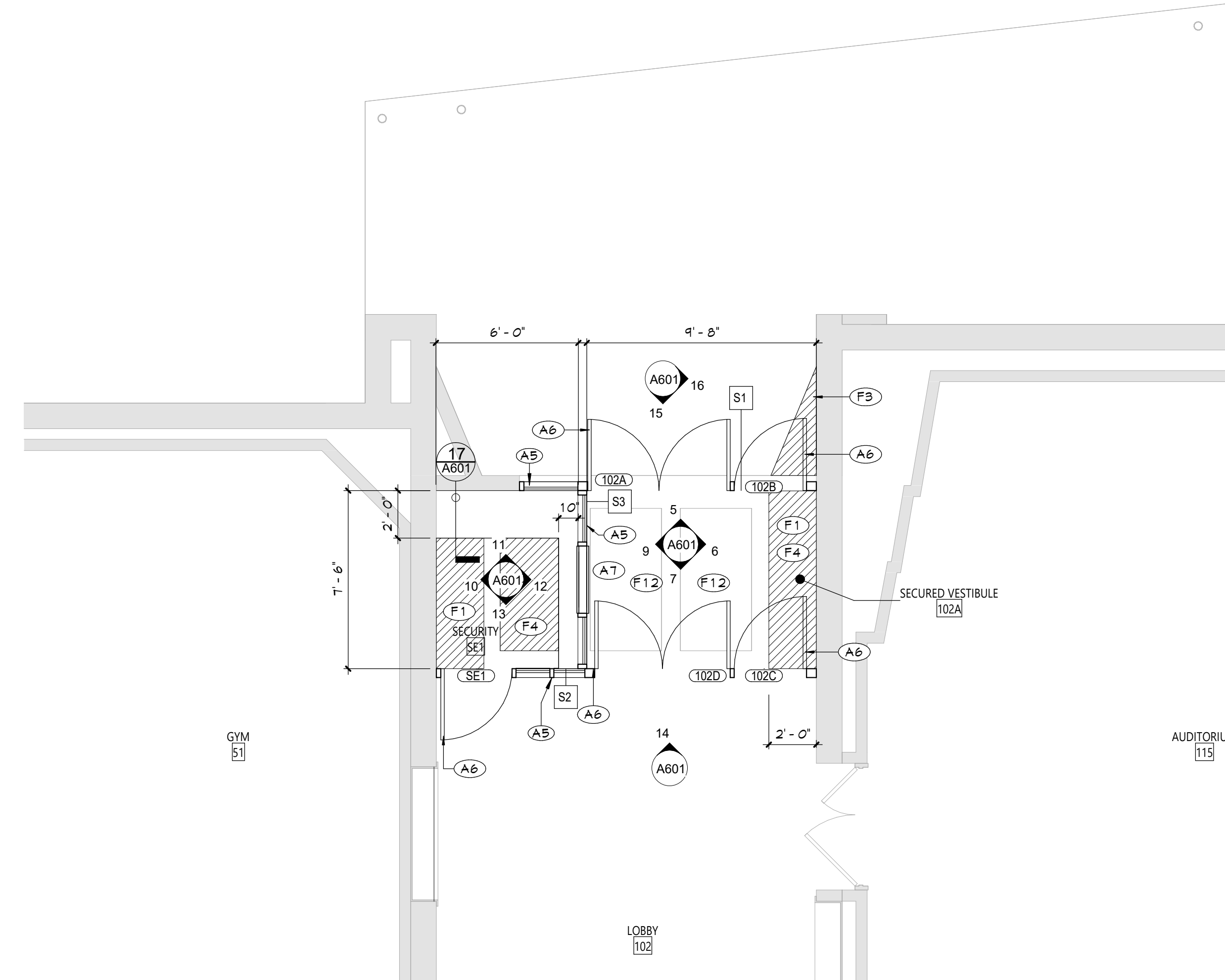
15 102A FRONT ENTRANCE ELEVATION
A601 1/4" = 1'-0"



4 EQUIPMENT RAIL DETAIL
A601 1 1/2" = 1'-0"



3 EQUIPMENT CURB DETAIL
A601 1" = 1'-0"



1 AREA 'C' FIRST FLOOR PLAN
A601 1/4" = 1'-0"

GENERAL CASEWORK NOTES
1. ALL CASEWORK SHALL HAVE SOLID SURFACE COUNTERTOPS AND 4" BACK SPLASHES, UNO.
2. INSTALL MATCHING FILLER PANELS IN LOCATIONS SHOWN. ADD MATCHING FILLER PANELS AS REQUIRED FOR FINAL FIT/FINISH.
3. PROVIDE BLOCKING IN ALL ADJACENT WALLS AS REQUIRED TO INSTALL ALL CASEWORK.
4. PROVIDE FINISHED END PANEL AT ALL EXPOSED FACES OF CASEWORK.
5. PROVIDE WALL BASE AS SCHEDULED ON ALL EXPOSED TOE KICK SPACES AND EXPOSED END PANELS.

ROOF GENERAL NOTES
1. ALL EXISTING ROOF DRAINS TO REMAIN, UNO.
2. CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY. REFER TO MECHANICAL DRAWINGS. COORDINATE ACTUAL SIZE OF CURBS IN APPROVED SUBMITTALS.
3. NEW ROOF AND ROOF INSULATION FASTENERS TO ENGAGE HIGH POINT OF STEEL DECK FLUTES.
4. PROVIDE MINIMUM 1 1/2" RIGID INSULATION AT NEW FLAT ROOF AREAS, TAPER INSULATION TO HEIGHTS INDICATED.

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

ROOF LEGEND
R ROOF DRAIN, REFER TO PLUMBING DRAWINGS
S SECONDARY DRAIN, REFER TO PLUMBING DRAWINGS
P ROOF PENETRATIONS, REFER TO MECHANICAL DRAWINGS
A ROOF ACCESS HATCH
→ INDICATES DIRECTION OF SLOPE AT 1/4" PER FOOT MINIMUM, UNO
L ROOF LADDER
E EXPANSION JOINT

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.
4. LIGHT FIXTURES AND MECHANICAL DIFFUSERS ARE SHOWN FOR POSITIONING IN FINISH CEILING SYSTEM. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR FIXTURE TYPES, MECHANICAL DIFFUSERS, WALL MOUNTED FIXTURES, AND INSTALLATION OF FIXTURES IN SPACES WITHOUT CEILINGS. LIGHTING AND HVAC DIFFUSERS ARE SHOWN FOR COORDINATION ONLY - SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION.
5. CENTER LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, GENERAL ALARM SPEAKERS/STROBES & MISC DEVICES IN CEILING TILES WHERE THEY ARE LOCATED. ALIGN MULTIPLE ITEM CENTER ON EDGES.

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

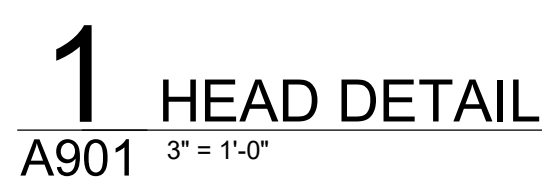
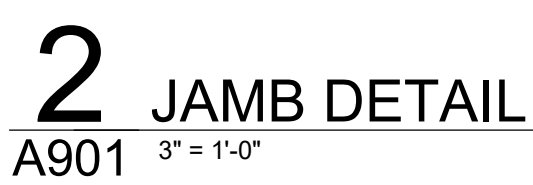
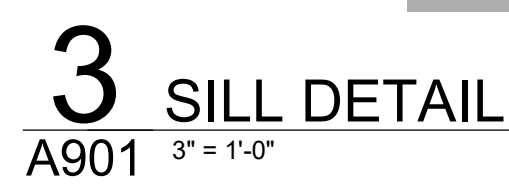
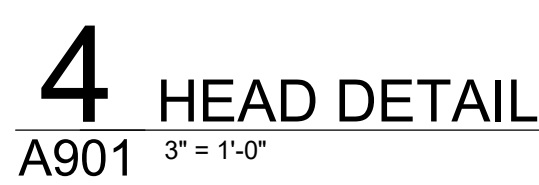
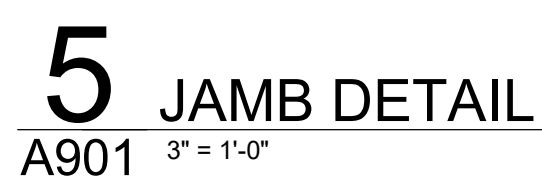
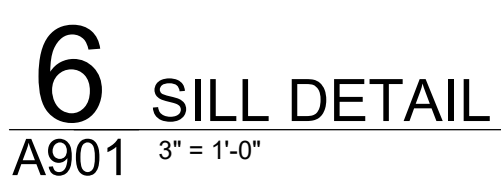
ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2x4' LIGHT FIXTURE
2x2' LIGHT FIXTURE
1x4' LIGHT FIXTURE
1x4' LIGHT FIXTURE, WALL MOUNTED
STRIP TYPE FIXTURE
RECESSED DOWN LIGHT
CEILING MOUNTED EXIT SIGN
CEILING MOUNTED OCCUPANCY SENSOR
CEILING MOUNTED SMOKE DETECTOR

KEY NOTES	
#	DESCRIPTION
A5	PROVIDE NEW STOREFRONT SYSTEM AS SPECIFIED.
A6	PROVIDE NEW DOOR AND DOOR HARDWARE IN NEW STOREFRONT AS SPECIFIED.
A7	PROVIDE NEW SECURITY TRANSACTION WINDOW AS SPECIFIED.
BR	STEEL SUPPORT BRACKET
C1	24"x24" ACOUSTIC PANELS AND SUSPENSION SYSTEM.
C5	PROVIDE 6x6 CEILINGS ON METAL STUD FRAMING
E1	LIGHT FIXTURE INSTALLATION, TYPICAL REFER TO 'E' DRAWINGS.
F1	PROVIDE NEW FLOOR FINISH, TYPICAL FOR ROOM UNLESS NOTED OTHERWISE; REFER TO 'AF' DRAWINGS
F3	PROVIDE CONCRETE SLAB ON CLEAN BACKFILL, COMPACTED TO 95% STANDARD PROCTOR.
F4	PROVIDE CONCRETE SLAB INFILL AT LOCATION OF PARTITION REMOVAL. PROVIDE FLUSH CONDITION WITH ADJACENT SLAB ELEVATION.
F12	RECESSED WALK OFF MATS, PER DISTRICT.
M1	MECHANICAL INSTALLATION, TYPICAL REFER TO 'M' DRAWINGS.
R1	PROVIDE NEW SINGLE FLY ROOFING WITH COVERBOARD AND INSULATION.
SSC	SOLID SURFACE COUNTERTOP, CONTINUOUS
SNB	SCHEDULED WALL BASE
N9	PREP AND PAINT WALL SURFACE IN ITS ENTIRETY.
N11	REPAIR NEW PARTITION.
N13	REPAIR AND REPOINT BRICK MASONRY.

KEY PLAN
C
N

Grand total: 5

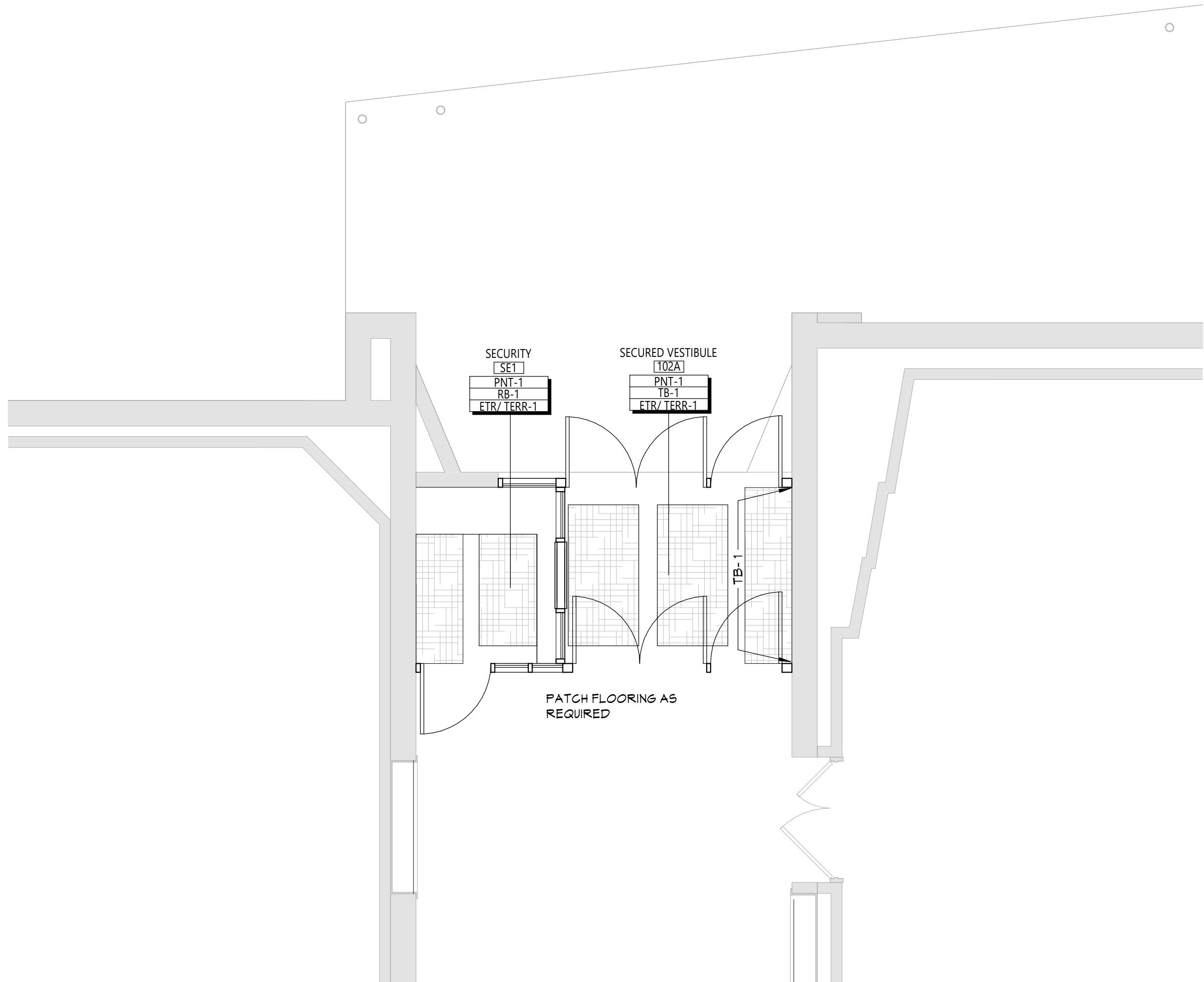
GLAZING TYPES	
CGL	LOW-E COATED, INSULATED GLASS
CI	CLEAR INSULATED GLASS
FR	FIRE RATED GLASS
FT	FULLY TEMPERED GLASS
LM	LAMINATED GLASS
SGP	SECURITY RATED PANEL
SG	SECURITY GLAZING
SP	SPANDREL GLASS
FRSG	FIRE-RATED SECURITY GLAZING



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MATERIALS LEGEND					
MATERIAL	MANUFACTURER	MODEL	COLOR #/NAME	SIZE	NOTE
PAINT					
PNT-1	SHERWIN WILLIAMS	EGGSHELL	AS SELECTED FROM FULL RANGE OF COLORS / MATCH EXISTING		TYP. WALL
RUBBER BASE					
RB-1	TARKETT	BASEWORKS	TAS COLONIAL GREY	4"	SECURITY
SOLID SURFACE					
SS-1	DUPONT	CORIAN	DOVE		SECURITY
TERRAZZO BASE					
TB-1	TERROXY		AS SELECTED FROM FULL RANGE OF COLORS / MATCH EXISTING	MATCH EXISTING	PATCH
TERRAZZO FLOOR					
TERR-1	TERROXY		AS SELECTED FROM FULL RANGE OF COLORS / MATCH EXISTING		PATCH

ROOM FINISH SCHEDULE					
ROOM NUMBER	ROOM NAME	FLOOR		WALL FINISH	REMARKS
		FINISH	BASE		
102A	SECURED VESTIBULE	ETR/ TERR-1	TB-1	PNT-1	
SE1	SECURITY	ETR/ TERR-1	RB-1	PNT-1	



1 AREA 'C' PARITAL FIRST FLOOR 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
CT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYP/SUM WALL BOARD
LMC	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
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
TB	TERRAZZO BASE
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES	
1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.	
2. WHEN ANY WORK IS PERFORMED ON ANY EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED CORNER TO CORNER, UNLESS NOTED OTHERWISE.	
3. ALL EXPOSED GROUND FACE CMU LOCATIONS TO RECEIVE GRAFFITIT COATING, TYPICAL FOR INTERIOR LOCATIONS.	
4. ALL EXISTING EXPOSED BRICK TO REMAIN UNPAINTED.	

FINISH KEYS	
Room Name [101]	
Wall Finish Base Finish Floor Finish	= Finish Tag
PNT-1	ACCENT PAINT LOCATION
TERR-1	

KEY PLAN	
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Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2A

Project Title



REV.	DATE	DESCRIPTION

Drawn By:	AS
Checked By:	Checker
Proj. #:	66-11-00-81-0-012-014
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Issued for Bid:	03/14/2025

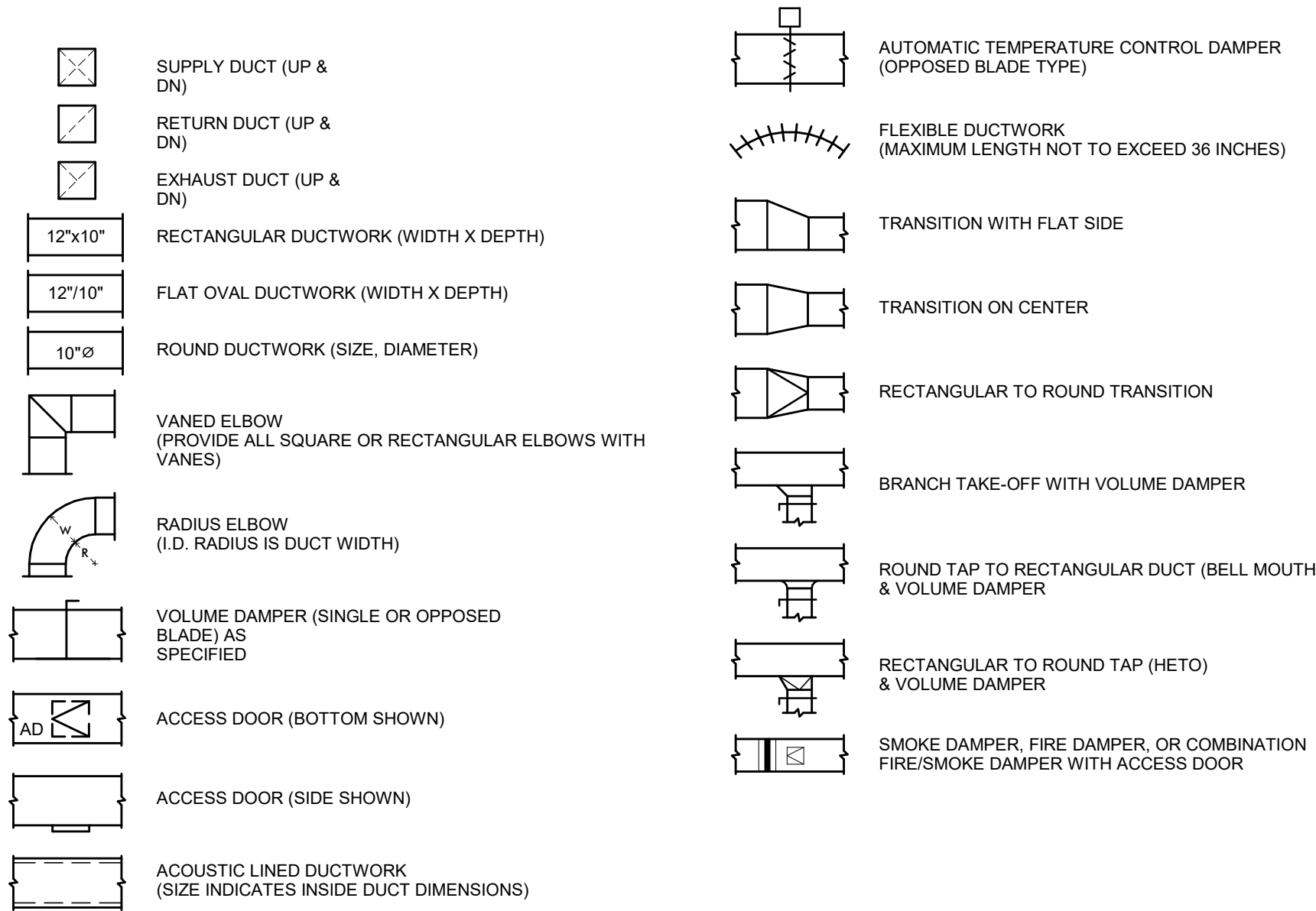
Sheet Title
AREA 'C' -
PARTIAL FIRST
FLOOR FINISH
PLAN

Sheet No.
TES
AF001

CONSTRUCTION DOCUMENTS

CSARCH

SHEETMETAL LEGEND



ELECTRIC CABINET HEATER SCHEDULE

TAG	LOCATION	ARRANGEMENT	CFM (LOW-HIGH)	TOTAL MBH	ELECTRICAL K.W.	PH	DESIGN BASIS QMARK	REMARKS
TES-EC-1	VESTIBULE	CEILING RECESSED	400-500	34.1	10	200 V	3	CUS45 1, 2, 3, 4

REMARKS:
1) PROVIDE WITH UNIT MOUNTED DISCONNECT.
2) PROVIDE TERMINAL BLOCK IN THE CONTROL COMPARTMENT FOR CONTROL INTERFACE BY THE BMS.
3) PROVIDE ALL NECESSARY ACCESSORIES FOR CEILING MOUNTING TRIM FRAME.
4) PROVIDE WITH BOTTOM INLET AND OUTLET

AIR COOLED CONDENSING UNIT SCHEDULE

TAG	SERVICE	NOMINAL TONS	SUCTION TEMP (F)	COOLING OAT (F)	HEATING OAT (F)	SEER	VOLTS	PH	MCA	MOCF	MANUFACTURERS TRANE / MITSUBISHI	REMARKS
TES-CU-1	TES-AC-1	0.75	45	55	5	20.2	208 V	1	9 A	15 A	NTXSK9109A112AA	1, 2

REMARKS:
1) PROVIDE WITH UNIT MOUNTED DISCONNECT.
2) PROVIDE ALL ACCESSORIES FOR OPERATION DOWN TO -13°F.

HEAT PUMP SCHEDULE

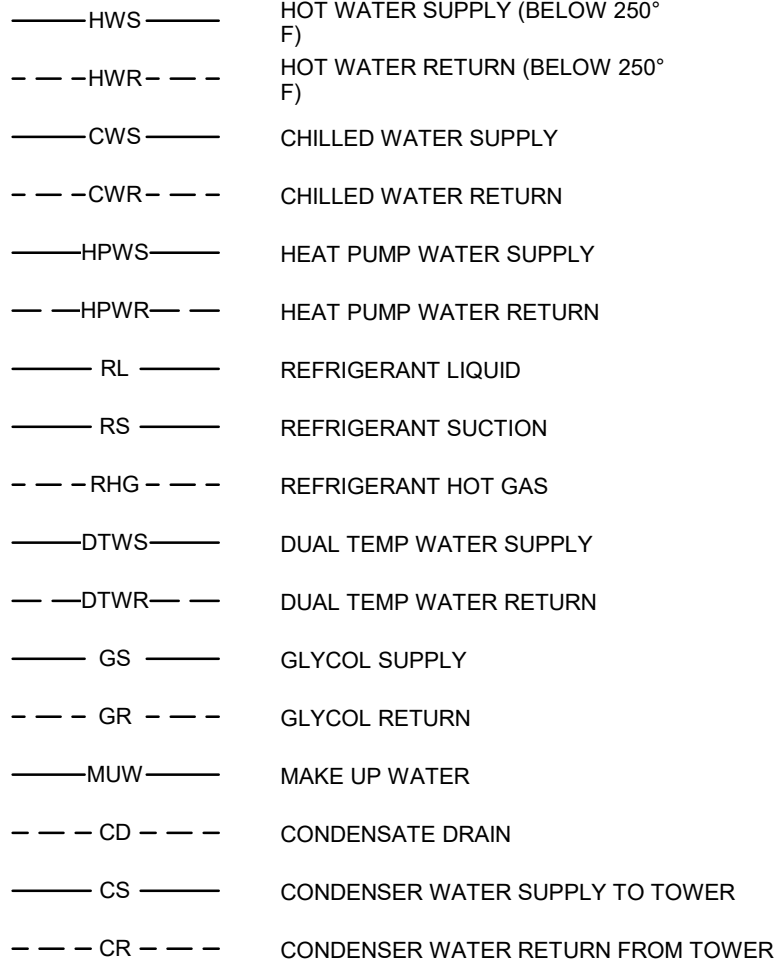
TAG	ASSOCIATED CONDENSING UNIT	UNIT STYLE	SERVICE	CFM (HIGH)	OA CFM	EXT S.P.	EAT DB	EAT WB	COOLING TOTAL (MBH) RATED ACTUAL	SENSIBLE (MBH) RATED ACTUAL	EAT DB	HEATING TOTAL (MBH) RATED ACTUAL	ELECTRICAL VOLTS	PH	AMPS	DESIGN BASIS TRANE / MITSUBISHI	REMARKS
TES-AC-1	TES-CU-1	CEILING CASSETTE	SECURITY	335	15	0	75	63	9.0 8.8	7.7	70	11.0 5.8	208 V	1	1 A	NTXCK509A112AA	1, 2, 3

REMARKS:
1) PROVIDE WITH UNIT MOUNTED DISCONNECT, WALL MOUNTED CONTROLLER AND OUTSIDE AIR KIT.
2) PROVIDE BACHE INTERFACE FOR CONNECTION TO BMS.
3) OUTDOOR UNIT SHALL SUPPLY POWER TO INDOOR UNIT.

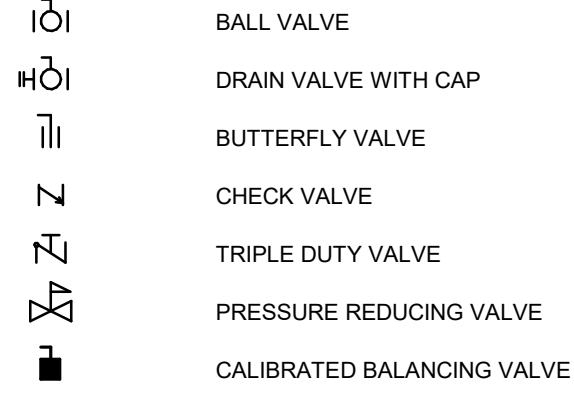
VENTILATION SCHEDULE

ROOM	ROOM NUMBER	OCCUPANCY CATEGORY	AREA (SF)	PEOPLE OUTDOOR AIR RATE (CFM/PERSON)	AREA OUTDOOR AIR RATE (CFM/SF)	DEFAULT DENSITY (#/1000 SF)	NUMBER OF OCCUPANTS	CODE MIN. PEOPLE	CODE MIN. AREA	CODE MIN. COMBINED	DIST. EFF.	ZONE OA MIN.	DESIGN
SECURITY	SE1	OFFICE	50	5	0.06	5	1	5	3	8	0.8	10	15

PIPING LEGEND



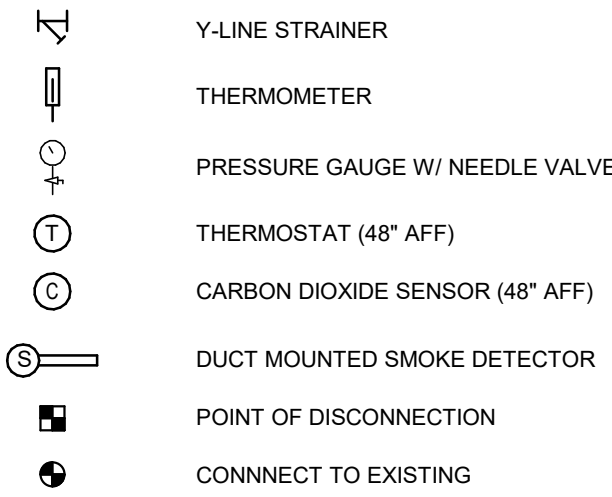
VALVE LEGEND



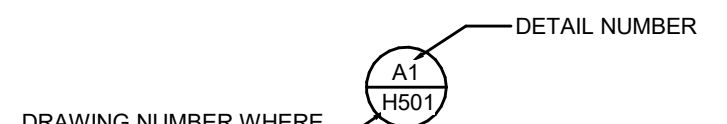
ABBREVIATION LEGEND

ABBREVIATION	DESCRIPTION
ACC	AIR-COOLED CONDENSER
ACCU	AIR-COOLED CONDENSING UNIT
AD	ACCESS DOOR
AF	AIR FILTER
AFF	ABOVE FINISHED FLOOR
AFM	AIR FLOW MEASURING DEVICE
AHU	AIR HANDLING UNIT
AP	AIR PURIFIER
APD	AIR PRESSURE DROP
AV	AUTOMATIC AIR VENT
B	
BTUH	BRITISH THERMAL UNITS PER HOUR
S	
CC	COOLING COIL
CCOT	CLOSED CIRCUIT COOLER
CD	CEILING DIFFUSER
CEF	CEILING EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
FL	CLEAN OUT
CONT	CONTINUED
CR	CEILING RETURN
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
D	
DB	DECEBELS
DBT	DRY BULB TEMPERATURE
DIA	DIAMETER
DPT	DEW POINT TEMPERATURE
DX	DIRECT EXPANSION
E	
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EFT	ENTERING FLUID TEMPERATURE
EG	EXHAUST GRILLE
EHC	ELECTRIC HEATING COIL
ER	EXHAUST REGISTER
ERC	ENERGY RECOVERY COIL
ERP	ELECTRIC RADIANT PANEL
ET	EXPANSION TANK
EWI	ENTERING WATER TEMPERATURE
EX	EXISTING
F	
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FD/SD	COMBINATION FIRE/SMOKE DAMPER
FF	FLOOR
FL	FLOOR
FPM	FEET PER MINUTE
FEET	FEET
G	
GAL	GALLONS
GPM	GALLONS PER MINUTE
GR	GLYCOL SUPPLY
GRV	GRAVITY ROOF VENTILATION
GS	GLYCOL SUPPLY
H	
H	HUMIDIFIER
HC	HEATING COIL
HGT	HEIGHT
HP	HORSEPOWER OR HEAT PUMP
HRU	HEAT RECOVERY UNIT
HX	HEAT EXCHANGER
INCH	INCH
KW	KILOWATT
L	
LAT	LEAVING AIR TEMPERATURE
LBS/HR	POUNDS PER HOUR
LD	LINEAR DIFFUSER
LFT	LEAVING FLUID TEMPERATURE
LPC	LOW PRESSURE CONDENSATE RETURN
LPS	LOW PRESSURE STEAM (15 PSIG AND BELOW)
LSD	LINEAR SLOT DIFFUSER
LWT	LEAVING WATER TEMPERATURE
M	
MAX	MAXIMUM
MBH	ONE THOUSAND BRITISH THERMAL UNITS PER HOUR
MC	MECHANICAL CONTRACTOR
MD	MOTORIZED DAMPER
MIN	MINIMUM
MPC	MEDIUM PRESSURE CONDENSATE RETURN
MPS	MEDIUM PRESSURE STEAM (16-59 PSIG)
N	
NIC	NOT IN CONTRACT
NOM	NOMINAL
O	
OA	OUTSIDE AIR
P	
P	PUMP
PC	PURGED CONDENSATE
PD	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE OR POWER ROOF VENTILATOR
PSIG	POUND PER SQUARE INCH - GAUGE
R	
RA	RETURN AIR
RF	RETURN FAN
RG	RETURN GRILLE
RH	REHEAT COIL
RU	ROOM
RV	ROTARY VENTILATOR
RPM	REVOLUTIONS PER MINUTE
RR	RETURN REGISTER
RTU	ROOF-TOP UNIT
S	
SA	SUPPLY AIR
SD	SMOKE DAMPER
SF	SUPPLY FAN
SP	STATIC PRESSURE
SR	SUPPLY REGISTER
T	
TO	TRANSFER OPENING
U	
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR
V	
VA	VENTILATION AIR
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VP	VACUUM PUMP
VR	VACUUM STEAM CONDENSATE RETURN
W	
WB	WET BULB TEMPERATURE
WG	WATER GAUGE
WMS	WIRE MESH SCREEN
WPD	WATER PRESSURE DROP

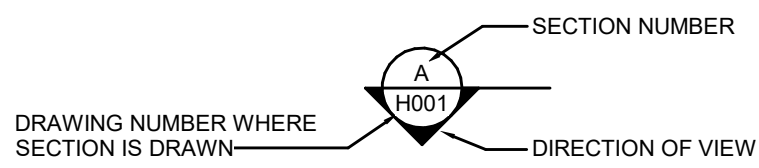
SPECIALTY LEGEND



DETAIL INDICATION



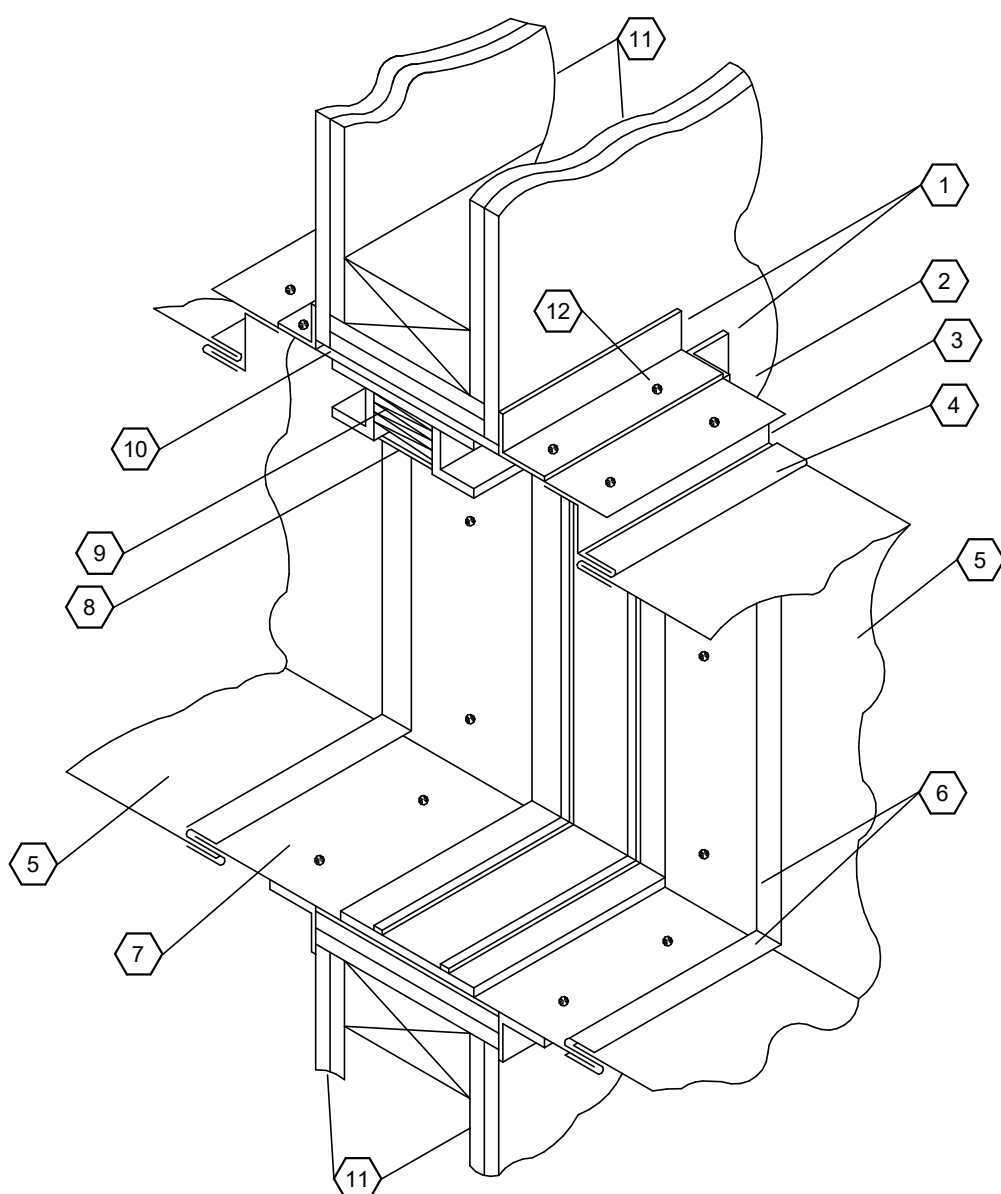
SECTION INDICATION



ENERGY CONSERVATION CODE COMPLIANCE STATEMENT.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT THE PLANS AND SPECIFICATIONS COMPLY WITH THE LATEST EDITION OF THE ENERGY CONSERVATION CODE OF NEW YORK STATE.

THE HVAC SYSTEM WAS DESIGNED IN ACCORDANCE WITH THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE CHAPTER 4 (COMMERCIAL ENERGY EFFICIENCY), ACCEPTABLE PRACTICE FOR COMMERCIAL BUILDINGS METHOD, THE HEAT AND COOLING LOAD CALCULATIONS WERE PERFORMED IN ACCORDANCE WITH ASHRAE HANDBOOK OF FUNDAMENTALS CHAPTER 17 AND 18, AND APPROPRIATE EXTERIOR DESIGN ZONE CONDITIONS.

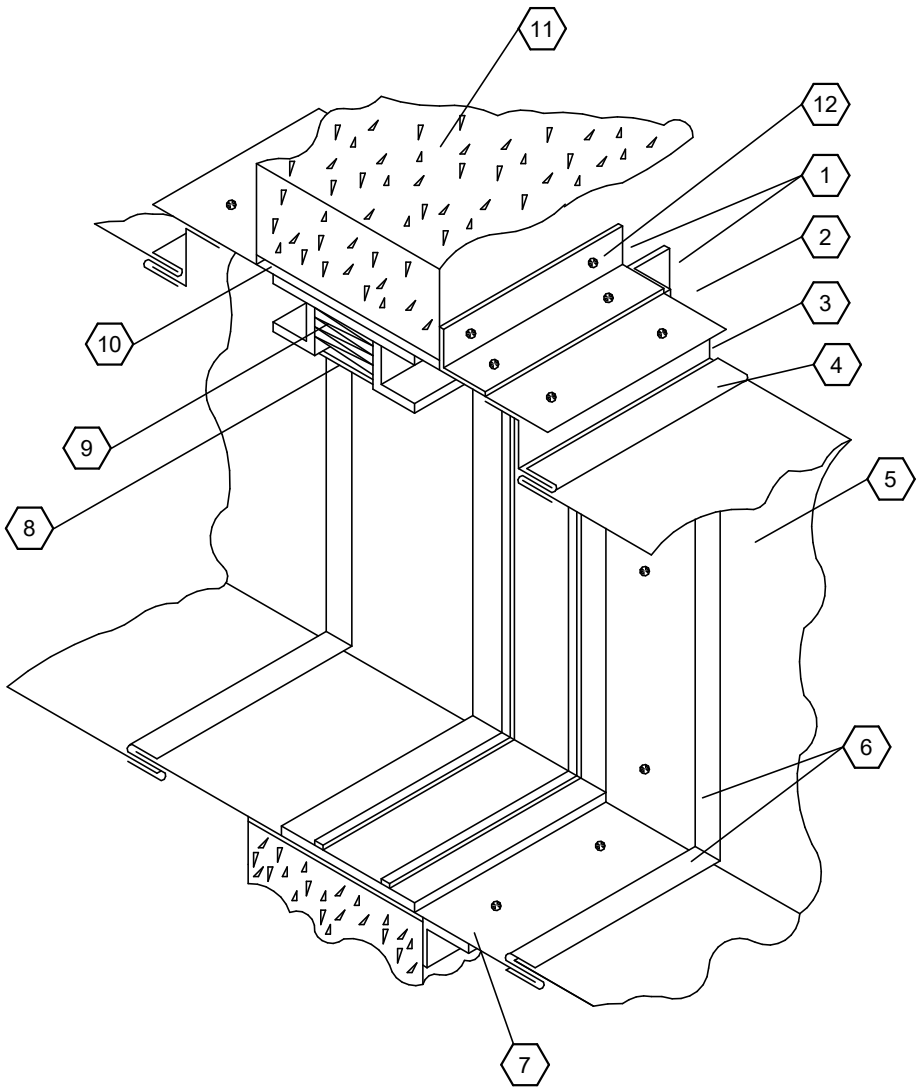


- RETAINING ANGLE
- STEEL SLEEVE
- COLLAR EXTENSION
- "S" SLIP BREAKAWAY CONNECTION
- SHEET METAL DUCT
- "S" SLIP CONNECTION
- TYPICAL SLEEVE ATTACHMENT TO RETAINING ANGLE
- FUSIBLE LINK
- CURTAIN TYPE BLADES
- CLEARANCE FOR EXPANSION
- RATED SEPARATION
- RETAINING ANGLE FASTENERS. (FASTENERS SPACED 8" APART) (MINIMUM 2 FASTENERS ON ALL 4 SIDES)

NOTES:

REFER TO SMACNA FIRE DAMPER GUIDE FOR CONSTRUCTION DETAILS
DAMPERS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS

PROVIDE DUCT ACCESS DOOR MINIMUM 16"x16" OR DUCT WIDTH BY 16" AT EACH FIRE DAMPER. LABEL EACH DOOR WITH 1/2" TALL LETTERS "FD". POSITION ACCESS DOOR TO PROVIDE SERVICE ACCESS OF THE FIRE DAMPER TO INCLUDE FUSIBLE LINK REPLACEMENT.

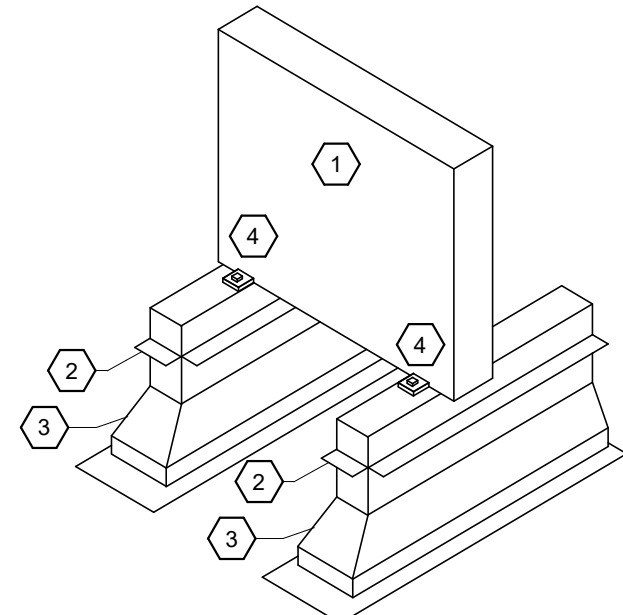


- RETAINING ANGLE
- STEEL SLEEVE
- COLLAR EXTENSION
- "S" SLIP BREAKAWAY CONNECTION
- SHEET METAL DUCT
- "S" SLIP CONNECTION
- TYPICAL SLEEVE ATTACHMENT TO RETAINING ANGLE
- FUSIBLE LINK
- CURTAIN TYPE BLADES
- CLEARANCE FOR EXPANSION
- RATED SEPARATION
- RETAINING ANGLE FASTENERS. (WALL FASTENERS SPACED 8" APART) (SLEEVE FASTENERS SPACED 12" APART) (MINIMUM 2 FASTENERS ON ALL 4 SIDES)

NOTES:

REFER TO SMACNA FIRE DAMPER GUIDE FOR CONSTRUCTION DETAILS
DAMPERS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS

PROVIDE DUCT ACCESS DOOR MINIMUM 16"x16" OR DUCT WIDTH BY 16" AT EACH FIRE DAMPER. LABEL EACH DOOR WITH 1/2" TALL LETTERS "FD". POSITION ACCESS DOOR TO PROVIDE SERVICE ACCESS OF THE FIRE DAMPER TO INCLUDE FUSIBLE LINK REPLACEMENT.



- AIR COOLED CONDENSING UNIT
- COUNTER FLASHING OVER TREATED WOOD NAILER
- WELDED GALVANIZED STEEL EQUIPMENT RAIL (MIN. 24" HIGH), MIN. 18 GAGE AS MANUFACTURED BY GREENHECK OR APPROVED EQUAL.
- FASTEN CONDENSING UNIT TO EQUIPMENT RAIL. COORDINATE SPACING PRIOR TO INSTALLATION.

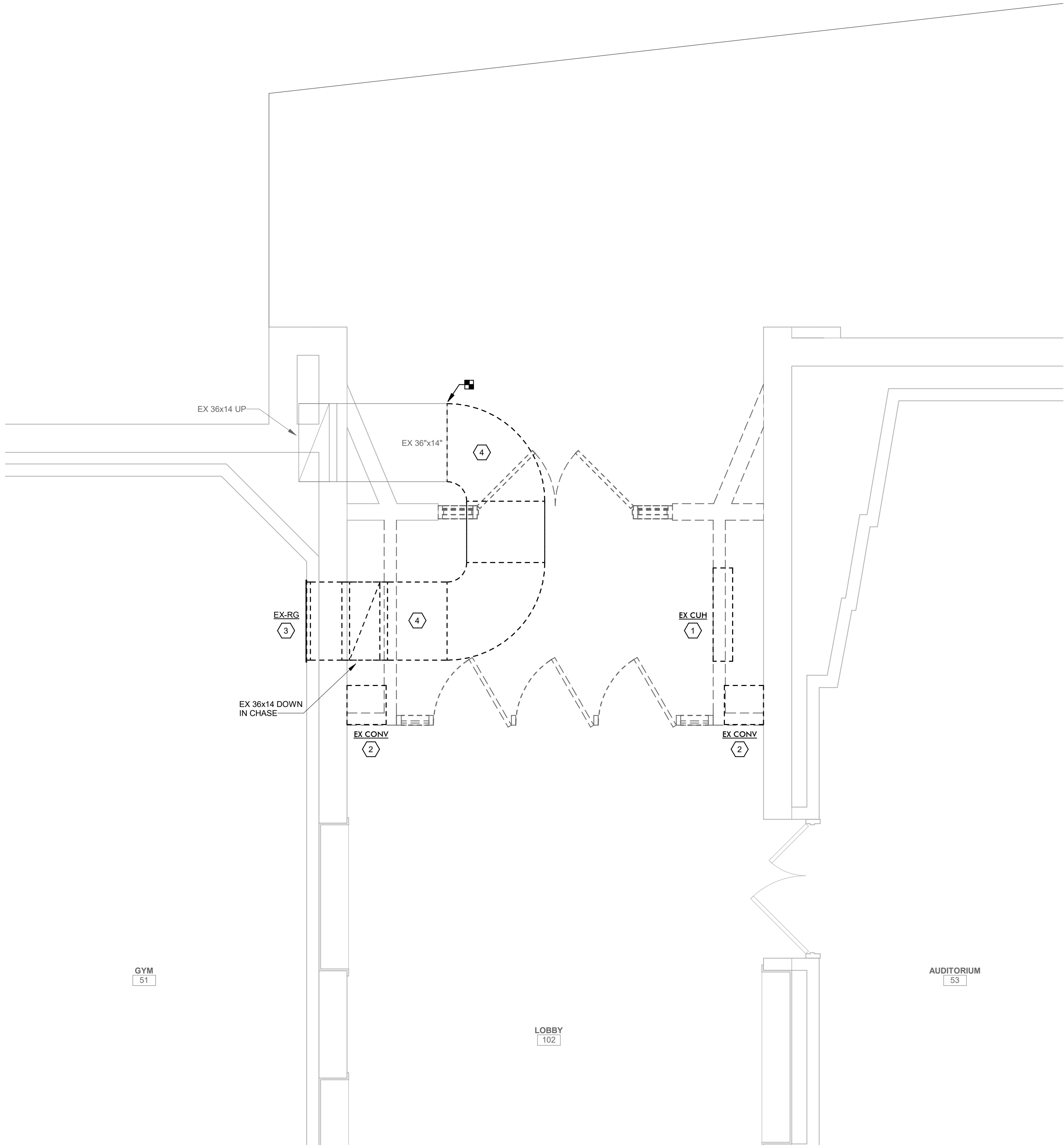
NOTE: EQUIPMENT RAIL FURNISHED BY MC AND TURNED OVER TO GC FOR INSTALLATION. COORDINATE SIZE AND LAYOUT WITH GC.

3 Fire Damper Type "B" - Gypsum Wall
M001 N.T.S.

2 Fire Damper Type "B" - Masonry Wall
M001 N.T.S.

1 Roof Mounted Condensing Unit Support - Single Unit
M001 N.T.S.

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1 First Floor - Mechanical Removals Plan
MD101
3/8" = 1'-0"

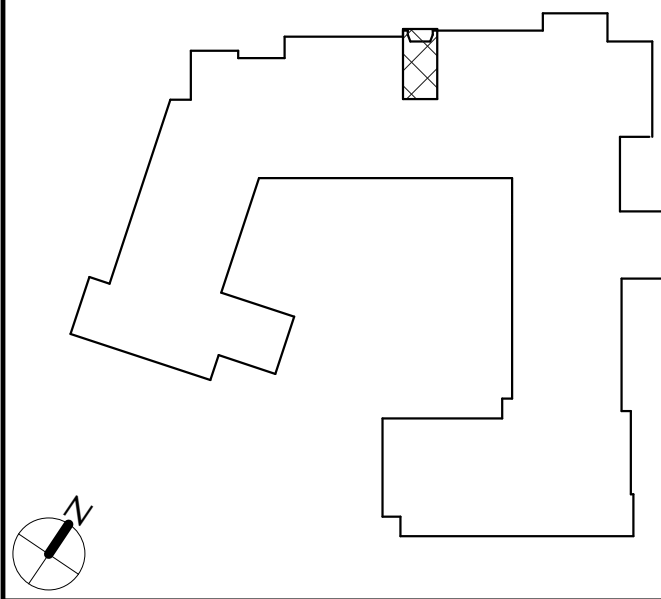
GENERAL REMOVALS NOTES

- 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 AND REMOVE EXISTING STEAM CABINET HEATER INCLUDING LOCAL LPS/R PIPING, VALVES, TRAPS AND CONTROLS. REMOVE PIPING TO BELOW FLOORWALL AND CAP. COORDINATE EXTENT OF PIPING REMOVALS WITH WALL DEMO/NEW WORK.
- DISCONNECT AND REMOVE EXISTING STEAM CONVECTOR INCLUDING LOCAL LPS/R PIPING, VALVES, TRAPS AND CONTROLS. REMOVE PIPING TO BELOW FLOORWALL AND CAP. COORDINATE EXTENT OF PIPING REMOVALS WITH WALL DEMO/NEW WORK.
- DISCONNECT, REMOVE AND SALVAGE EXISTING RETURN GRILLE.
- DISCONNECT AND REMOVE DUCTWORK BACK TO POINT OF DISCONNECTION. PREPARE EXISTING DUCTWORK FOR CONNECTION TO NEW WORK.

KEY PLAN



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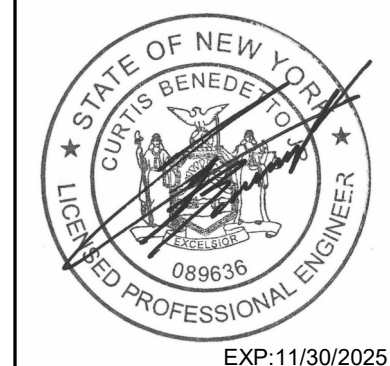
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CITY SCHOOL DISTRICT OF NEW ROCHELLE TRINITY ELEMENTARY SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



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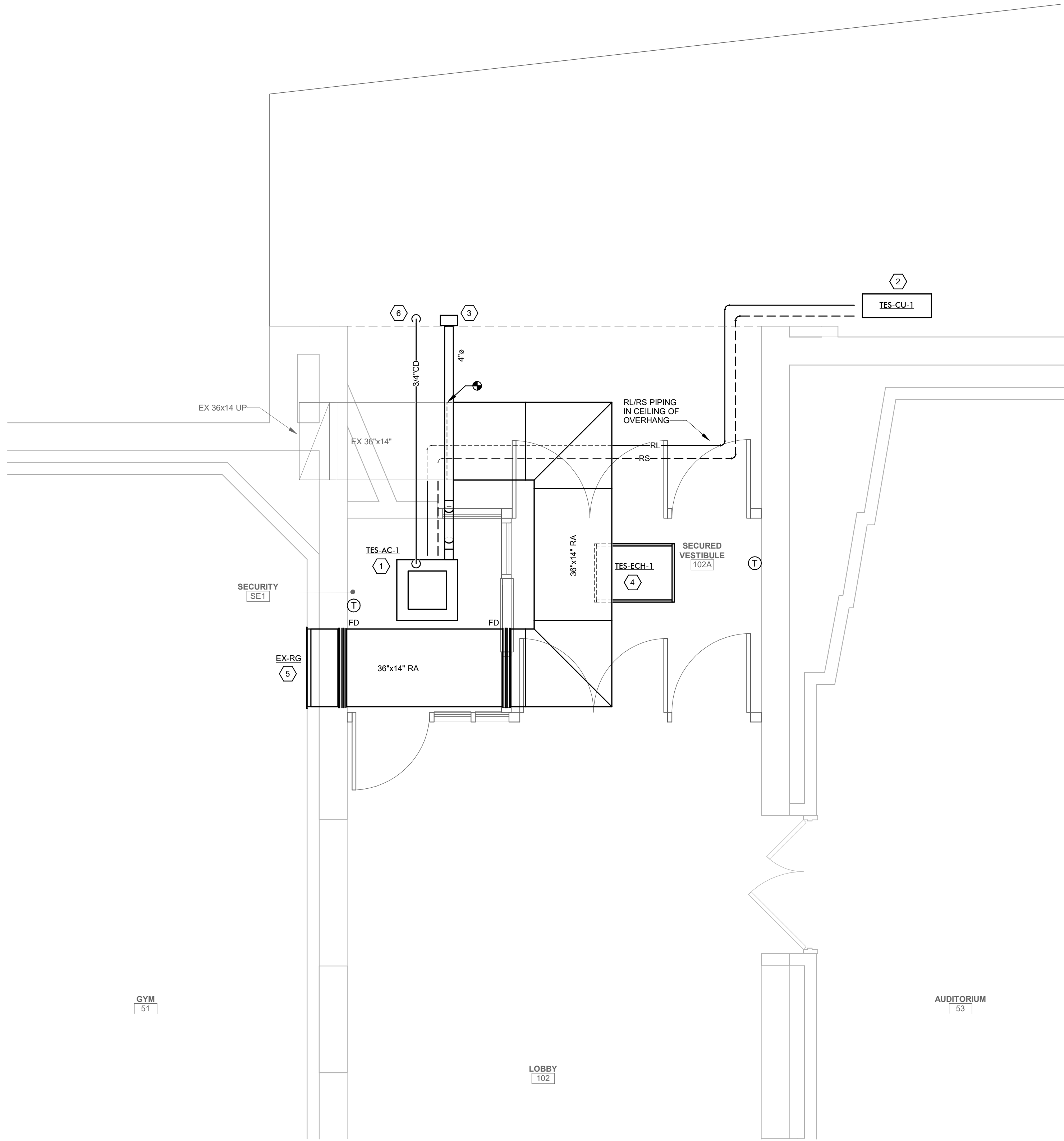
MECHANICAL
REMOVALS
PLAN

Sheet No.

TES
MD101

CONSTRUCTION DOCUMENTS

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1 First Floor - Mechanical New Work Plan
M101 3/8" = 1'-0"

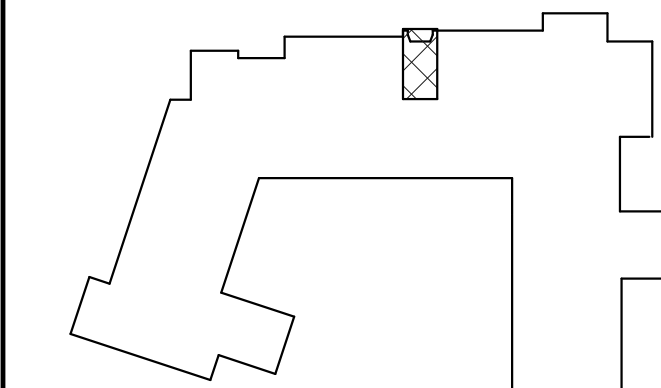
GENERAL NOTES

- 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 LCB 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 ROOF MOUNTED HEAT PUMP CONDENSING UNIT INCLUDING ROOF EQUIPMENT RAILS ON OVERHANG. MAINTAIN A MINIMUM OF 10'-0" FROM ROOF EDGE.
- PROVIDE OA INTAKE DUCT OUT EXTERIOR WALL ABOVE OVERHANG AND TERMINATE WITH WALL CAP.
- PROVIDE ELECTRIC CABINET HEATER IN VESTIBULE CEILING PER SCHEDULE.
- THOROUGHLY CLEAN AND RE-INSTALL SALVAGED RETURN GRILLE HIGH IN GYM WALL. PROVIDE NEW RETURN DUCTWORK TO CONNECT TO EXISTING. SEAL AIRTIGHT.
- PROVIDE CONDENSATE PIPING OUT EXTERIOR WALL ABOVE OVERHANG. TERMINATE WITH 90° ELBOW DOWN TO SPILL ONTO ROOF.

KEY PLAN



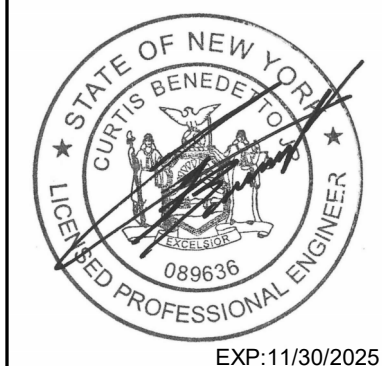
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Project Title



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Sheet Title

MECHANICAL
NEW WORK
PLAN

Sheet No.

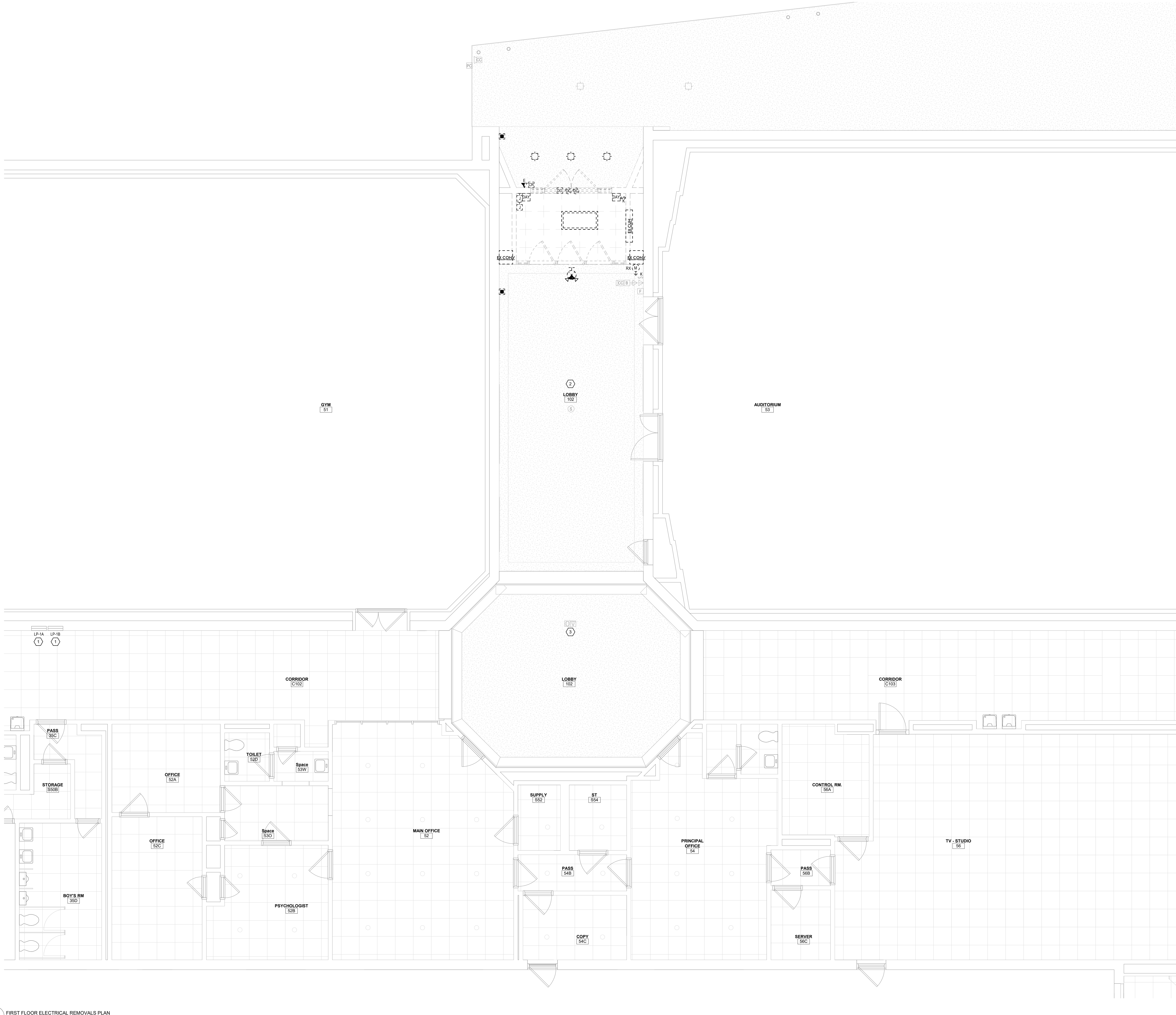
TES
M101

CONSTRUCTION DOCUMENTS

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



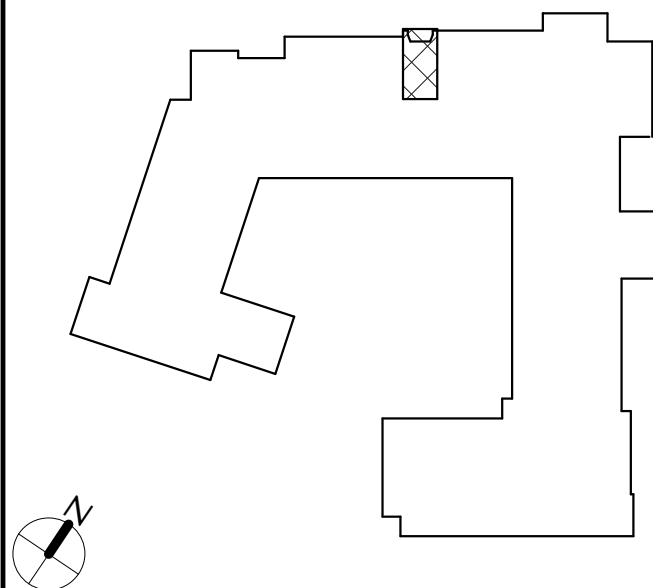
GENERAL NOTES

- 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. "RX" 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 AND AS REQUIRED. FOR ANY SUCH DISCONNECTED EXISTING CIRCUITS NOT BEING REUSED, REMOVE COMPLETE BACK TO SOURCE.

KEYED NOTES

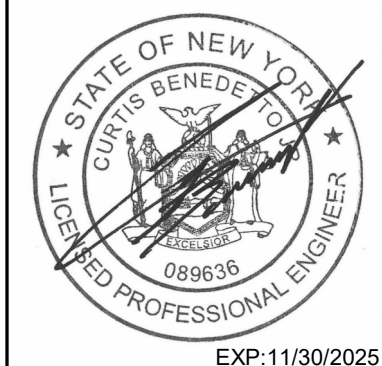
- 1 EXISTING 120/208V, 3Ø, 4W PANELBOARD TO REMAIN.
- 2 EXISTING LOBBY LIGHTING AND ELECTRICAL (NOT SHOWN) TO REMAIN EXCEPT AS INDICATED OTHERWISE.
- 3 DISCONNECT AND REMOVE EXISTING POWER AND TELECOM FLOOR BOXES AND ALL ASSOCIATED CONDUIT AND WIRING - PATCH FLOOR.

KEY PLAN



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Project Title



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Issued for Bid: 03/14/2025

Sheet Title
FIRST FLOOR
ELECTRICAL
REMOVALS
PLAN

Sheet No.
TES
ED101
CONSTRUCTION DOCUMENTS

CITY SCHOOL DISTRICT OF NEW ROCHELLE
TRINITY ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2



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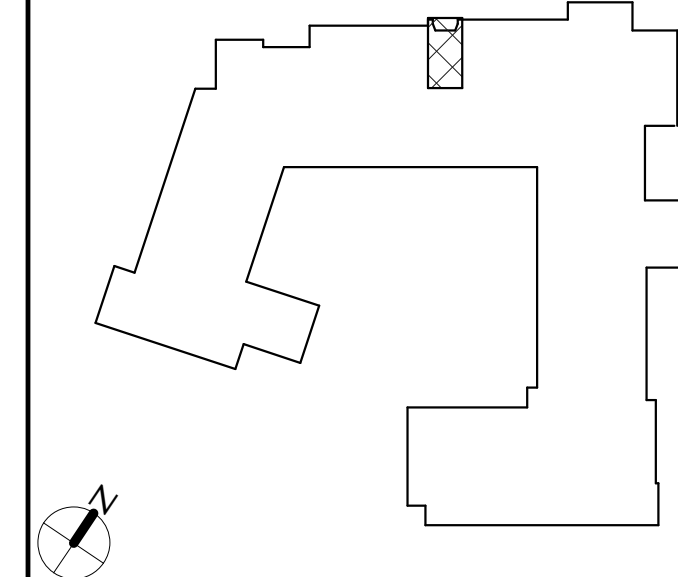
GENERAL NOTES

- A LIGHT/GRAYS:** INDICATE EXISTING ELECTRICAL TIES TO REMAIN, UNLESS INDICATED OTHERWISE.
- B SOLID BLACK LINES:** INDICATE ELECTRICAL NEW WORK.
- C "N/C" INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E0101 FOR ORIGINAL LOCATION). NEW WORK SHALL BE INSTALLED AND RECONNECT ITEM TO ORIGINAL, EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.**
- D "EX":** INDICATES CONNECT TO EXISTING 120V, 20A BRANCH CIRCUIT. BRANCH CIRCUIT SHALL BE INSTALLED IN ROOM/VINITY. EXTEND CIRCUITING AS REQUIRED.
- E BRANCH CIRCUITS:** ALL BRANCH CIRCUITS TO BE INSTALLED IN ROOM/VINITY. BRANCH CIRCUITS SHALL BE WHERE PERMITTED BY SPECS. 200501, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- F FIRE ALARM INITIATING DEVICES:** CONNECT TO EXISTING FIRE ALARM AND SMOKE DETECTOR LOOP IN VINITY (CONFIRM ADEQUATE CAPACITY).
- G FIRE ALARM NOTIFICATION DEVICES:** CONNECT TO EXISTING FIRE ALARM AND SMOKE DETECTOR LOOP IN VINITY (CONFIRM ADEQUATE CAPACITY).
- H TELECOM OUTLETS:** FOR EACH PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION BOX COVER. COVER SHALL BE COORDINATED WITH BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING PLATE. PROVIDE 1/2" RIGID PVC CONDUIT TO BOX AND PROVIDE NYLON PULL STRING. TELECOM CABLE AND JACKS) TO BE PROVIDED SEPARATELY BY OTHER OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.
- I SECURITY SYSTEMS DEVICES/STATIONS:** FOR EACH PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVER. COVER SHALL BE COORDINATED WITH BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BEND CONDUIT STUD AND PROVIDE NYLON PULL STRING. DEVICES/STATIONS SHALL BE COORDINATED WITH OWNER'S SELECTED SECURITY SYSTEMS VENDOR. DEVICES/STATIONS SHALL BE PROVIDED SEPARATELY BY OTHER OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.
- J SECURITY SYSTEMS DEVICES/STATIONS:** FOR EACH PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVER. COVER SHALL BE COORDINATED WITH BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BEND CONDUIT STUD AND PROVIDE NYLON PULL STRING. DEVICES/STATIONS SHALL BE COORDINATED WITH OWNER'S SELECTED SECURITY SYSTEMS VENDOR. DEVICES/STATIONS SHALL BE PROVIDED SEPARATELY BY OTHER OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.

KEYED NOTES

- ① EXISTING 120/208V, 3R, 4W PANELBOARD TO REMAIN IN EXISTING PANELBOARD.
- ② CONNECT ALL RECEPTACLES IN THIS ROOM TO EXISTING SPARE 120V, 200A CIRCUIT BREAKER IN EXISTING PANELBOARD.
- ③ CONNECT DOOR OPERATOR TO 1-POLE TOGGLE SWITCH IN EXISTING PANELBOARD. PROVIDE 120V, 1-POLY TOGGLE SWITCH TO BE CONNECTED TO 120V, 200A CIRCUIT. PROVIDE OUTLET BOX FOR EACH REMOTE PUSH PLATE STATION AND 1/2" FROM DOOR OPERATOR. EACH REMOTE PUSH PLATE TO BE 1/2" FROM CONTROL WIRING AS REQUIRED BY DIV. 8.
- ④ CONNECT TO EXISTING NEW 208V, 400A/2P CIRCUIT BREAKER IN EXISTING PANELBOARD USING 3/4", 2C, 8 #.
- ⑤ CONNECT TO EXISTING NEW 208V, 200A/2P CIRCUIT BREAKER IN EXISTING PANELBOARD USING 1/2", 2C, 12 # 18/120.
- ⑥ REMOVE EXISTING SPARE 15A/1P CIRCUIT BREAKER TO ACCOMMODATE NEW BREAKER.
- ⑦ CONNECT ROLLING CONTROL FIRE SHUTTER OPERATOR TO INDICATED NEW 120V, 200A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD. PROVIDE 120V, 1-POLY TOGGLE SWITCH IN EXISTING PANELBOARD. PROVIDE DOOR OPERATOR. PROVIDE OUTLET BOX FOR AND INSTALL 1/2" FROM DOOR OPERATOR. EACH REMOTE PUSH PLATE FURNISHED BY DIV. 8 AND 1/2". FROM SHUTTER OPERATOR TO PUSH PLATE TO BE 1/2" FROM CONTROL WIRING AS REQUIRED BY DIV. 8.
- ⑧ FIRE ALARM RELAY MODULE FOR ROLLING CONTROL FIRE SHUTTER RELEASE. CONNECT TO EXISTING 120V, 200A/1P CIRCUIT BREAKER, LOOP IN VIGNITY, AND TO SHUTTER RELEASE MECHANISM. PROGRAM EXISTING FACP SO THAT SHUTTER RELEASES AND SHUTTER RELEASE ACTUATOR RELEASES SHUTTER. NEARBY SMOKE DETECTORS ONE IN SECURITY OFFICER'S OFFICE AND ONE IN PUBLIC LOBBY.
- ⑨ CONNECT EXTERIOR SPOUT LIGHTS TO EXISTING SPOFF 120V LIGHTING CIRCUIT AND CONTROLS.

KEY PLAN



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1 FIRST FLOOR LIGHTING AND SYSTEMS PLAN
E101 1/4" = 1'-0"

Architectural floor plan showing various rooms and electrical equipment. The plan includes a Gym (51), Auditorium (53), Lobby (102), Main Office (52), Principal Office (54), and several smaller rooms like Supply (552), ST (554), Pass (548), Copy (54C), Space (53T), Toilet (54A), Pass (56B), and Server (56C). Electrical equipment is labeled with codes like TES-AC-1, TES-ECH-1, LP-1A/30, LP-1A/32, LP-1A/34, LP-1A/40, LP-1A/42, and TES-CLU-1. A note points to the location of existing panelboards 1A, 1B.

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