

ABBREVIATIONS

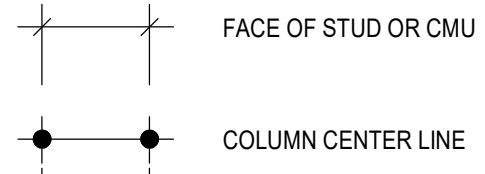
ABBREVIATION	DESCRIPTION
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B/	BOTTOM OF
BSMT	BASEMENT
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG / CLNG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
COORD	COORDINATE
CORR	CORRIDOR
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
ED	EDUCATION
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EXST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FE	FIRE EXTINGUISHER
FIN	FINISH
FIN FL	FINISH FLOOR
FIXT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDANT-TREATED MATERIAL
FTG	FOOTING
GA	GALUGE
GAL	GALLON
GALV	GALVANIZE(D)
GC	GENERAL CONTRACT(OR)
GND	GROUND
GWB	GYPNUM WALL BOARD
GWBS	GYPNUM WALL BOARD SOFFIT
HC	HANDICAPPED ACCESSIBLE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH / INCHES
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JOIST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LIN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE(R)
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPT	OPTIONAL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT(ED)
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
RB	RUBBER / RUBBER WALL BASE
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACOUSTICAL CEILING
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
U.O.N	UNLESS OTHERWISE NOTED
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WOOD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WT	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

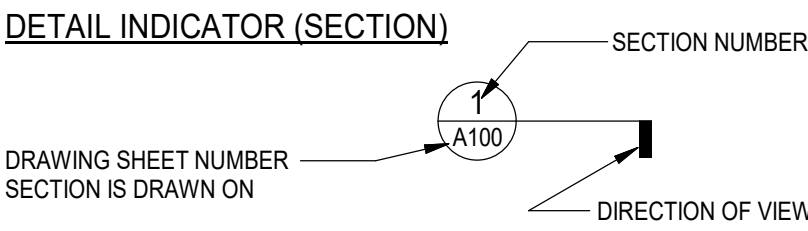
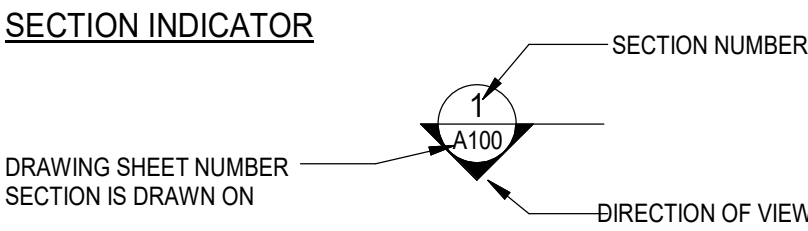
DIMENSIONING CONVENTIONS



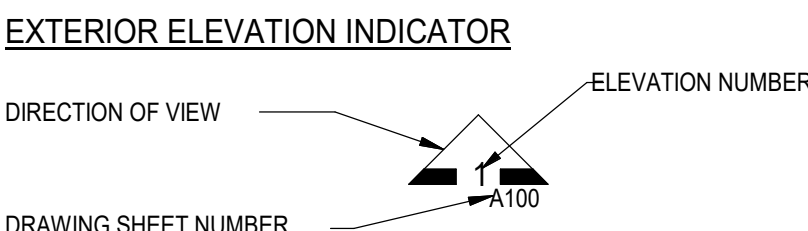
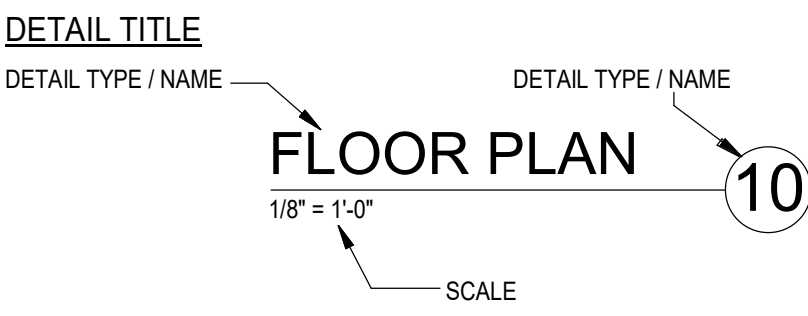
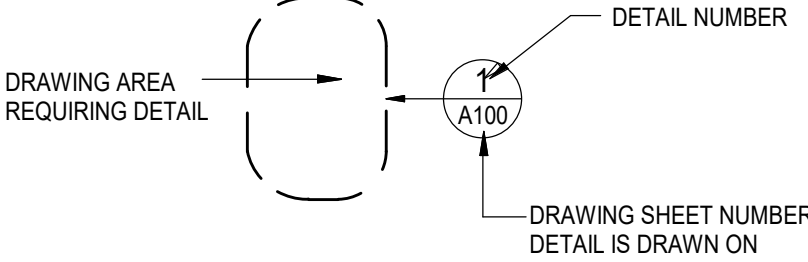
SYMBOLS

	ROOM NAME
	ROOM NUMBER
	AREA OF ROOM
	DOOR NUMBER, REFER TO A900 DRAWINGS
	WINDOW TAG, REFER TO A900 DRAWINGS
	BORROWED LIGHT NUMBER, REFER TO A900 DRAWINGS
	STOREFRONT / CURTAIN WALL NUMBER, REFER TO A900 DRAWINGS
	COLUMN GRID DESIGNATION
	PARTITION TAG, REFER TO A700 DRAWINGS
	ADDITIONAL NOTES FOR PARTITION
	REVISION NUMBER
	KEY NOTE, NEW WORK
	KEY NOTE, DEMOLITION WORK
	ELEVATION TAG
	ACCESSIBILITY SIGN
	INTERIOR FINISH TAG, REFER TO AF100 DRAWINGS
	CHANGE IN FINISH MATERIAL

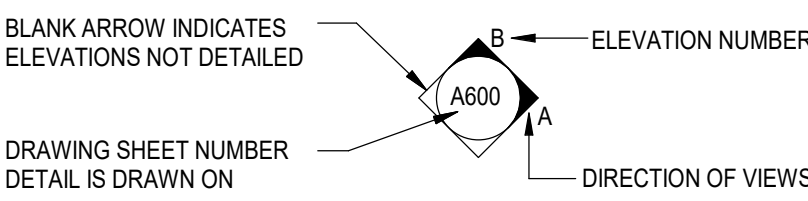
DETAIL INDICATOR LEGEND



ENLARGED DETAIL INDICATOR



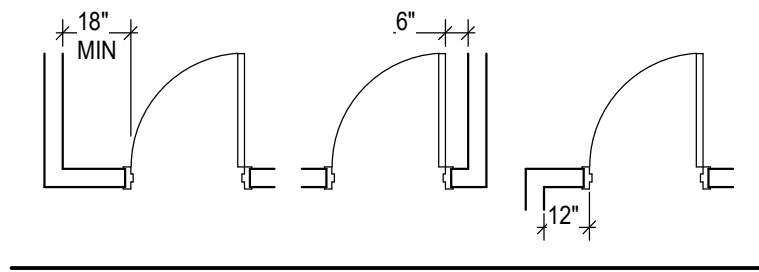
INTERIOR ELEVATION INDICATOR



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

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



GENERAL NOTES

- DIMENSIONS ARE GIVEN THUS (UNLESS OTHERWISE NOTED)
 - TO FACE OF MASONRY WALL
 - TO FACE OF GYPSUM WALL BOARD
 - 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, U.O.N.
- 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.
- IN CASE OF CONFLICT BETWEEN NOTES, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- 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 ROOFING SYSTEM AND WITHIN 2'-0\"/>
- ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND / OR FIRE STOPPED. COORDINATE WITH 'H' DWGS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
- 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.
- FOR ALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION 000220.
- ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE.

2020 EXISTING BUILDING CODE OF NEW YORK STATE ANALYSIS - CLASSIFICATION OF WORK

EBC 603	ALTERATION - LEVEL 2	
EBC 603.1	SCOPE	LEVEL 2 ALTERATIONS INCLUDE THE RECONFIGURATION OF SPACE, AND THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.

2020 BUILDING CODE OF NEW YORK STATE - ANALYSIS CHAPTER 3 - OCCUPANCY CLASSIFICATION AND USE CHAPTER 6 - TYPES OF CONSTRUCTION

BC 302.1	OCCUPANCY CLASSIFICATION	3. EDUCATIONAL (SECTION 305); GROUP E
BC 305.1	EDUCATIONAL GROUP E	EDUCATIONAL GROUP E OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE.
TABLE 601	FIRE-RESISTANCE REQUIREMENTS FOR BUILDING ELEMENTS EXISTING BUILDING	PRIMARY STRUCTURAL FRAME, BEARING WALLS AND PARTITIONS, NONBEARING WALLS AND PARTITIONS, FLOOR CONSTRUCTION, AND ROOF CONSTRUCTION. TYPE 1B AND 1B-1 FIRE-RESISTANCE (HOURS): 0

2020 BUILDING CODE OF NEW YORK STATE ANALYSIS - CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

TABLE 506.2	ALLOWABLE AREA FACTOR IN SF	OCCUPANCY E (EDUCATIONAL) WITHOUT SPRINKLERS TYPE II B CONSTRUCTION	14,500
BC 506.2.3	SINGLE-OCCUPANCY	THE ALLOWABLE AREA OF A SINGLE-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE GRADE PLANE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-2: EQ. 5-2 $A_a = [A_t + (N_S \times L_f)] S_a$ $A_a = [14,500 \text{ sf} + (14,500 \text{ sf} \times 0.75)] \times 2$ $A_a = 50,750 \text{ SF (PER BUILDING); 25,375 SF (MAX. AREA PER FLOOR)}$	
BC 506.3	FRONTAGE INCREASE	EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE.	
BC 506.3.2	MINIMUM PERCENTAGE	TO QUALIFY FOR AN AREA FACTOR INCREASE BASED ON FRONTAGE, A BUILDING SHALL HAVE OF PERIMETER NOT LESS THAN 25 PERCENT OF ITS PERIMETER ON A PUBLIC WAY OR OPEN SPACE.	
BC 506.3.2	MINIMUM FRONTAGE	TO QUALIFY FOR AN AREA INCREASE BASED ON FRONTAGE, THE PUBLIC WAY OR OPEN SPACE DISTANCE [] SHALL HAVE A MINIMUM DISTANCE OF 20 FEET MEASURED AT RIGHT ANGLES FROM THE BUILDING FACE TO ANY OF THE FOLLOWING: 1. THE CLOSEST INTERIOR LOT LINE 3. THE EXTERIOR FACE OF AN ADJACENT BUILDING ON THE SAME PROPERTY. [] WHERE THE VALUE OF W (WIDTH WEIGHTED AVERAGE) VARIES ALONG THE PERIMETER OF THE BUILDING, THE CALCULATION PERFORMED IN ACCORDANCE WITH EQUATION 5-5 SHALL BE BASED ON THE WEIGHTED AVERAGE CALCULATED IN ACCORDANCE TO EQUATION 5-4: EQ. 5-4 $W = (L_1 \times w_1 + L_2 \times w_2 + L_N \times w_N) / F$ $W = 30$	
BC 506.3.3	AMOUNT OF INCREASE	THE AREA FACTOR INCREASE BASED ON FRONTAGE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-5: EQ. 5-5 $I_F = [F / P - 0.25] W / 30$ $I_F = [1.442 / 1.442 - 0.25] 30 / 30$ $I_F = 0.75$	
EXIST. GROUND FLOOR	BUILDING 'A'	28,063 SF	
EXIST. FIRST FLOOR	BUILDING 'B'	1,942 SF 36,634 SF	
MAXIMUM ALLOWABLE AREA IN ACCORDANCE TO BC 506.2.3	$A_a = 25,375 \text{ SF PER FLOOR}$		

BC 1704.2	SPECIAL INSPECTIONS AND TESTS	EXCEPTION NO. 1 SPECIAL INSPECTIONS AND TEST ARE NOT REQUIRED FOR CONSTRUCTION OF MINOR NATURE [...] EXCEPTION NO. 3 SPECIAL INSPECTIONS AND TESTS ARE NOT REQUIRED FOR PROPORTIONS OF STRUCTURES DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE COLD FORMED STEEL LIGHT FRAME CONSTRUCTION [...]
-----------	-------------------------------	---

ANNE HUTCHINSON
ELEMENTARY SCHOOL
60 MILL ROAD, EASTCHESTER, NY 10709

SED NO.
MEMASI PROJECT NO.

66-03-01-03-0-001-022
102-2202

BID SET:

01/03/2023

DRAWING LIST

GENERAL DRAWINGS
AH G001 GENERAL INFORMATION
AH LS001 LIFE SAFETY PLAN - GROUND AND FIRST FLOOR
ASBESTOS ABATEMENT DRAWINGS
AH A001.00 ASBESTOS ABATEMENT GENERAL NOTES
AH H-002.00 ASBESTOS ABATEMENT GROUND FLOOR PLAN
AH H-003.00 ASBESTOS ABATEMENT FIRST FLOOR PLAN
ARCHITECTURAL DEMOLITION DRAWINGS
AH AD101 DEMOLITION PLAN - GROUND FLOOR
AH AD102 DEMOLITION PLAN - FIRST FLOOR
ARCHITECTURAL DRAWINGS
AH A101 OVERALL PLAN - GROUND FLOOR
AH A102 OVERALL PLAN - FIRST FLOOR
AH A401 MAIN ENTRY
AH A402 MAIN ENTRANCE- INTERIOR ELEVATIONS
AH A701 PARTITION TYPES AND DETAILS
AH A801 DOOR SCHEDULE AND ELEVATIONS
AH A802 DOOR AND WINDOW DETAILS
MECHANICAL DRAWINGS
AH M201 COVER SHEET
AH M101 FIRST FLOOR VESTIBULE PARTIAL PLANS
AH M201 SCHEDULES
AH M301 DETAILS
ELECTRICAL DRAWINGS
AH E101 COVER SHEET
AH E002 ELECTRICAL GENERAL NOTES
AH E101 FIRST FLOOR VESTIBULE ELECTRICAL PARTIAL PLANS
AH E201 SITE LIGHTING PLAN
AH E301 FIRST FLOOR SECURITY EQUIPMENT POWER PLAN
AH E302 FIRST FLOOR SECURITY DEVICE POWER PLAN
AH E801 ELECTRICAL PANEL SCHEDULES
SECURITY DRAWINGS
AH TY001 LEGEND AND ABBREVIATIONS
AH TY101 GROUND FLOOR PLAN
AH TY102 FIRST FLOOR PLAN
AH TY201 ENLARGED PLAN
AH TY301 RISER DIAGRAMS
AH TY401 DETAILS

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT

MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

MEP CONSULTANT

STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

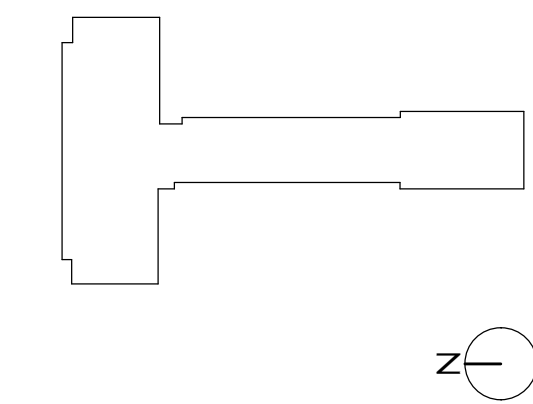
LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, SUITE 204
PELHAM, NY 10863
914.693.0221

SEAL

BID SET	01/03/2023
ISSUE	DATE

KEY PLAN



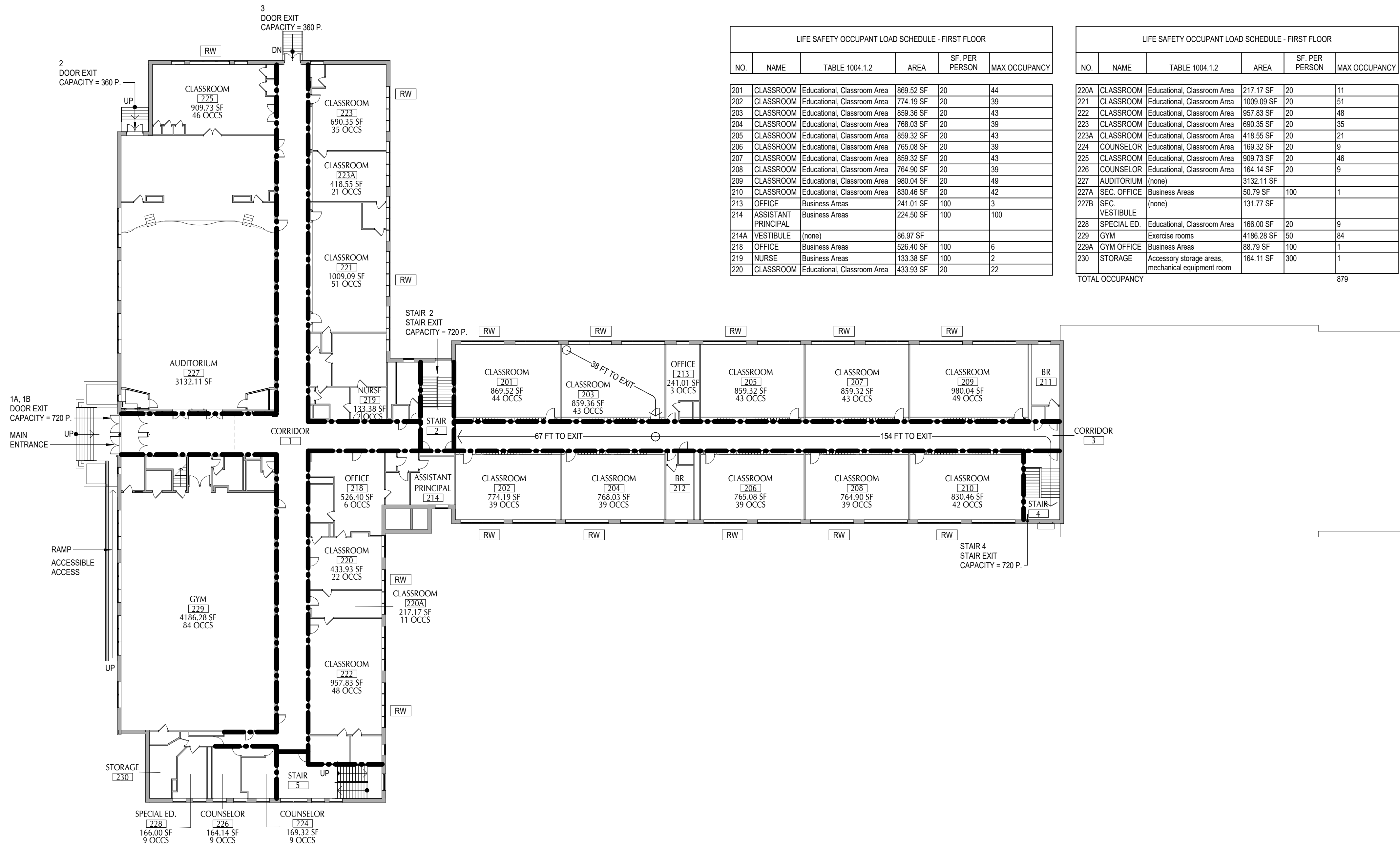
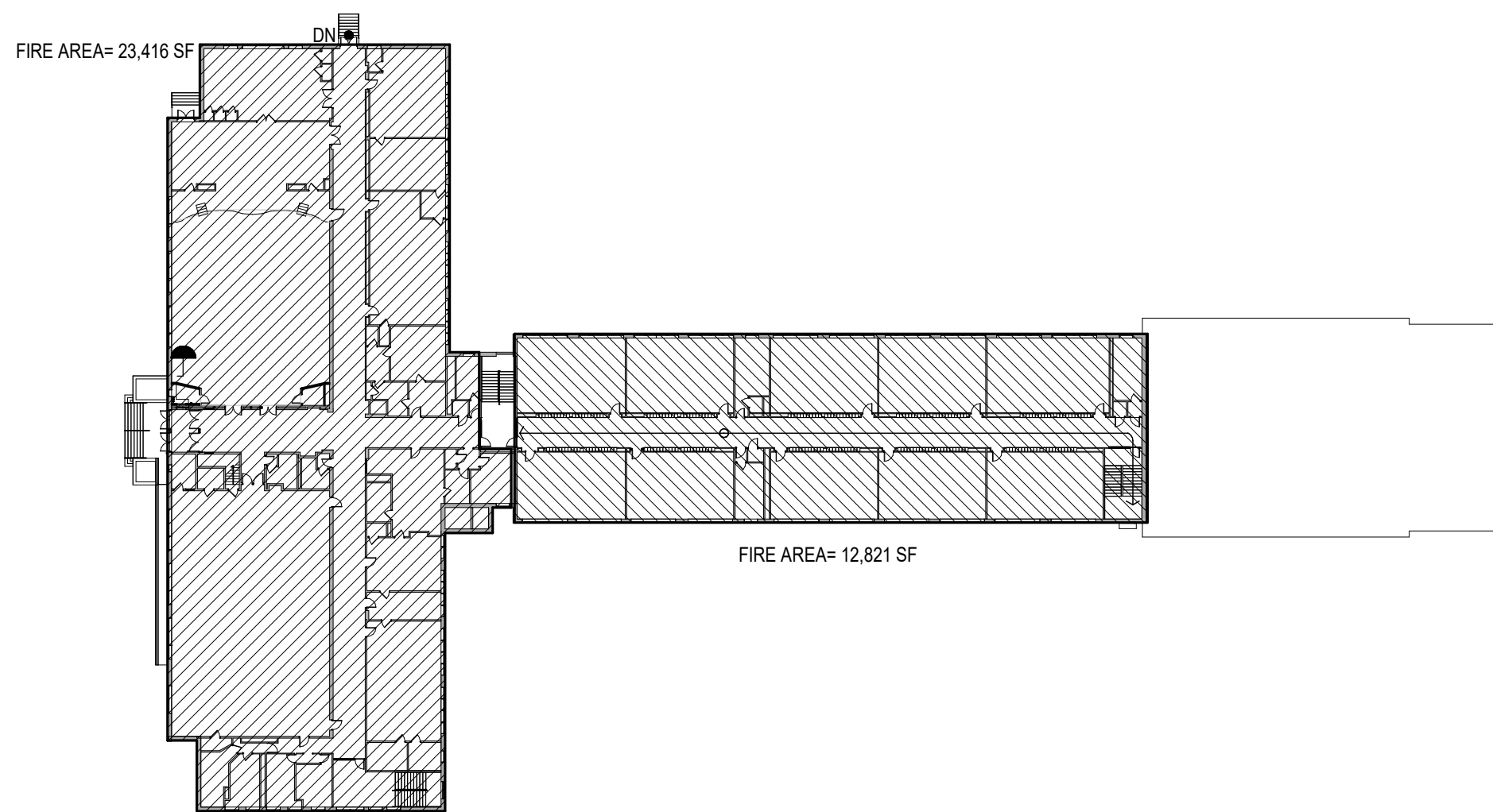
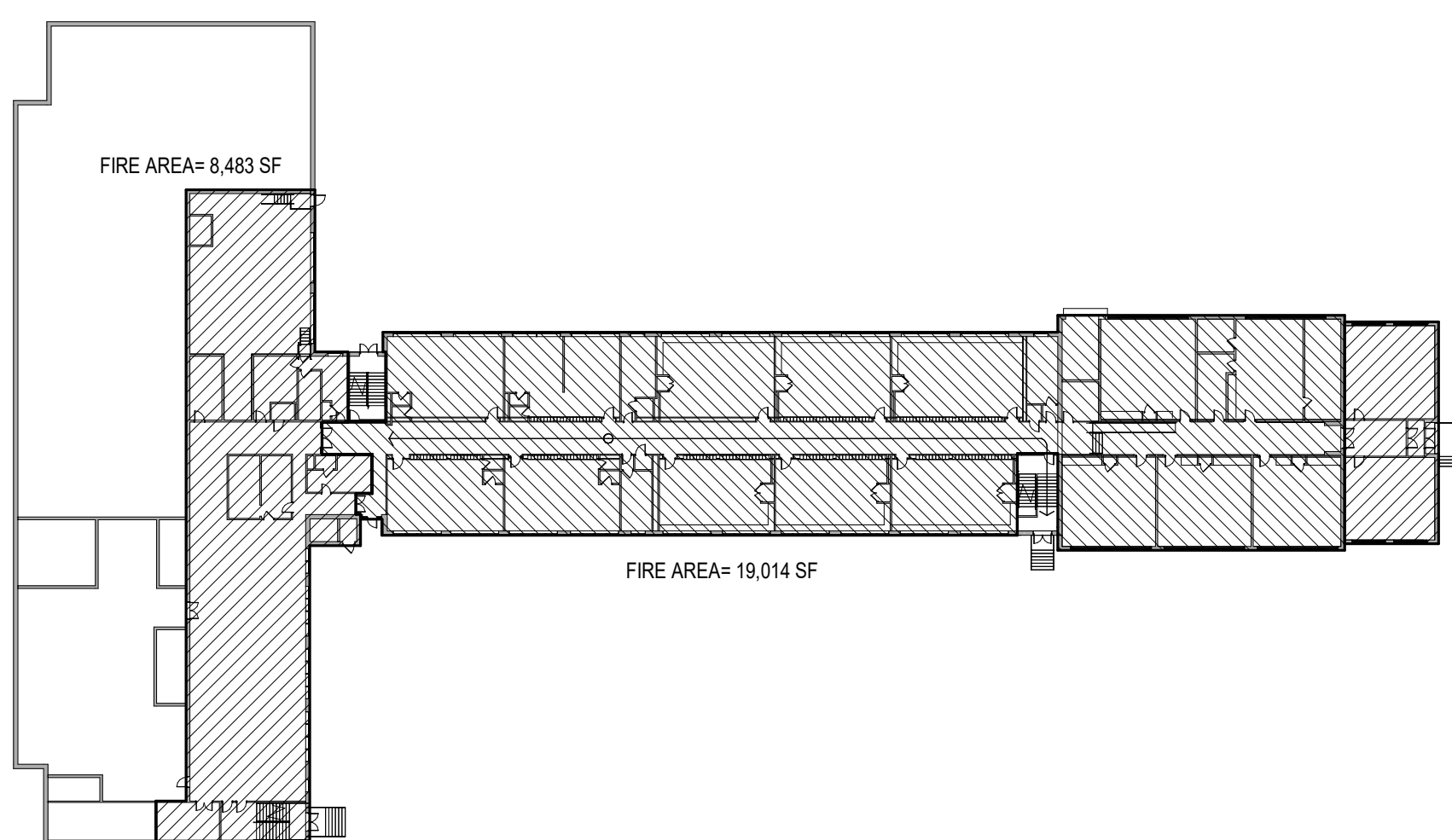
SED PROJECT NO.	66-03-01-03-0-001-022
MEMASI PROJECT NO.	102-2202

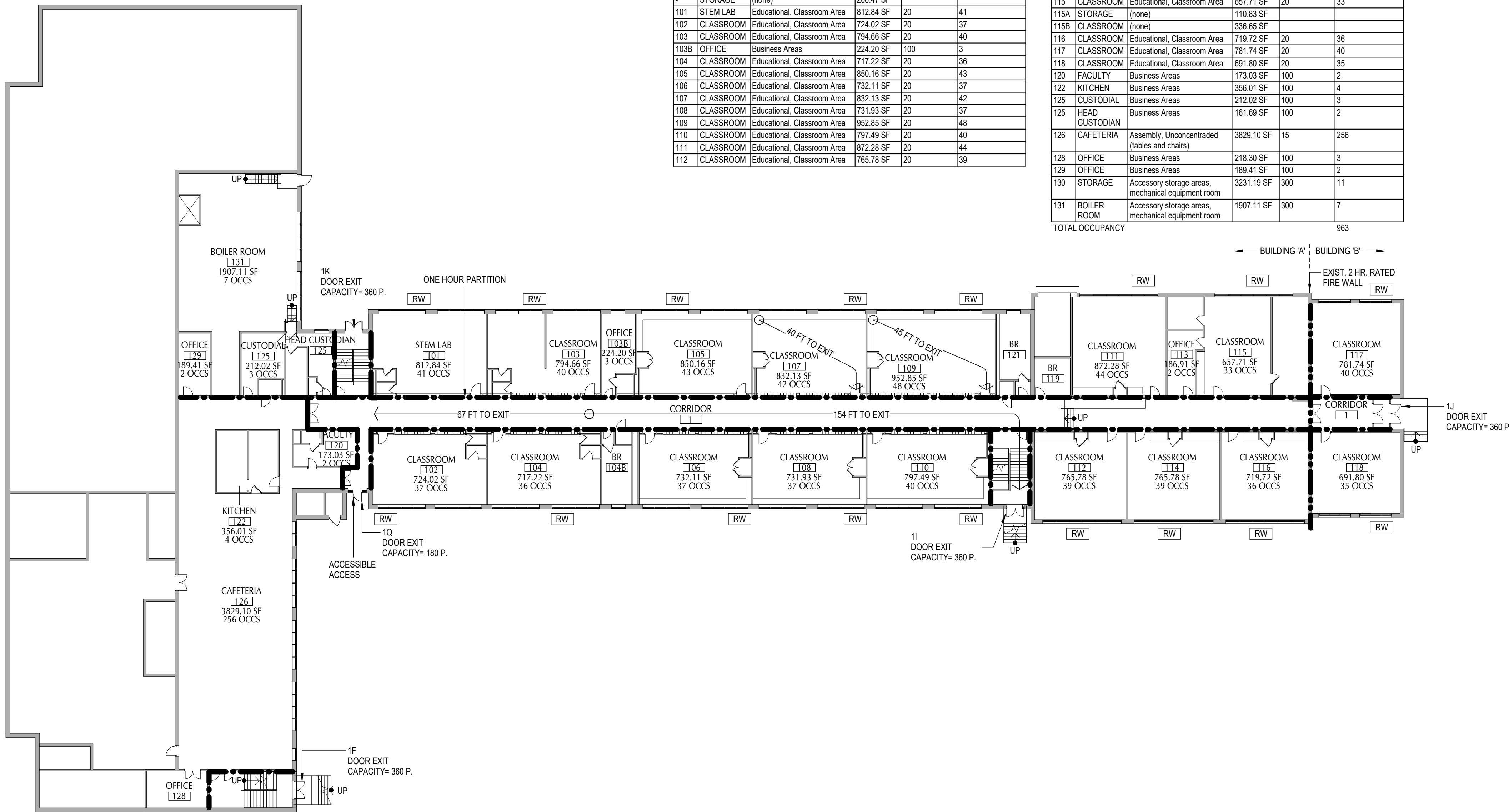
GENERAL
INFORMATION

AH G001

 RESCUE WINDOW
 EGRESS PATH END / START
 ONE-HOUR RATED PARTITION

BC 1004.1	DESIGN OCCUPANT LOAD	IN DETERMINING MEANS OF EGRESS, THE NUMBER OF OCCUPANTS FOR WHOM MEANS OF EGRESS FACILITIES ARE PROVIDED SHALL BE DETERMINED IN ACCORDANCE WITH THIS SECTION.		
TABLE 1004.5 OCC	MAX. FLOOR AREA PER OCC.	ACCESSORY STORAGE AREAS, MECHANICAL EQUIP. RM	300 SF. GROSS/	
		ASSEMBLY WITHOUT FIXED SEATS UNCONCENTRATED WITH FIXED SEATS (1004.4)	15.9F. NET / OCC. INSTALLED SEATS	
		(THE TOTAL NUMBER OF INSTALLED SEATS AT ANNE HUTCHINSON ES IS 400)		
OCC.	BUSINESS AREAS		150 SF. GROSS/	
	CONCENTRATED BUSINESS AREAS		> 50 SF/OCC	
	EDUCATIONAL CLASSROOM AREA		20.5F. NET / OCC.	
OCC..	EXERCISE ROOMS	SHOPS AND OTHER VOCATIONAL	50.5F. NET / OCC. 50.5F. GROSS /	
	LIBRARY	READING ROOMS	50.5F. NET / OCC.	
OCC.		STACK AREA	100 SF. GROSS/	
	STAGES AND PLATFORMS		15.9F. NET / OCC.	
BC 1004.7	OUTDOOR AREAS	YARD, PATIOS, OCCUPIED ROOFS, COURTS AND SIMILAR OUTDOOR AREAS ACCESSIBLE TO AND USABLE BY THE BUILDING OCCUPANTS SHALL BE PROVIDED. MEANS OF EGRESS AS REQUIRED BY THIS CHAPTER. THE OCCUPANT LOAD SHALL BE ASSIGNED BY THE BUILDING OFFICIAL.		
BC 1005.3.1	STAIRWAYS	THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAY BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCH PER OCCUPANT.		
BC 1005.3.2	OTHER EGRESS COMPONENTS	THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH PER OCCUPANT.		
TABLE 1006.2.1	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE	OCCUPANCY E (EDUCATIONAL)	WITHOUT SPRINKLER SYSTEM	75 FEET
TABLE 1006.3.1	MIN NUMBER OF EXITS OR ACCESS TO EXITS PER STORY	OCCUPANT LOAD PER STORY	MIN. NUMBER OF EXITS OR ACCESS TO EXITS	
		501-1,000	1	2
		>1,000	3	4
BC 1007.1.1	TWO EXITS OR EXIT	WHERE TWO EXITS, EXIT ACCESS DOORWAYS, EXIT ACCESS STAIRWAYS OR RAMPS () THE ACCESS DOORWAYS SHALL BE PLACED A DISTANCE APART EQUAL TO, NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED IN A STRAIGHT LINE BETWEEN THEM.		
BC 1007.1.2	THREE OR MORE EXITS OR	WHERE ACCESS TO THREE OR MORE EXITS IS REQUIRED (), ADDITIONAL REQUIRED EXIT OR EXIT ACCESS DOORWAYS ACCESS DOORWAYS SHALL BE ARRANGED A REASONABLE DISTANCE A SHALL BE ARRANGED A REASONABLE DISTANCE APART SO THAT ONE BECOMES BLOCKED THE OTHERS WILL BE AVAILABLE.		
BC 1008.1	MEANS OF EGRESS	ILLUMINATION SHALL BE PROVIDED IN THE MEANS OF EGRESS IN ACCORDANCE TO SECTION ILLUMINATION 1008.2 UNDER EMERGENCY POWER MEANS OF EGRESS ILLUMINATION SHALL COMPLY WITH SECTION 1008.3.		
BC 1009.1 BY	ACCESSIBLE MEANS OF EGRESS REQUIRED	() WHERE MORE THAN ONE MEANS OF EGRESS ARE REQUIRED () EACH ACCESSIBLE EGRESS REQUIRED PORTION OF THE SPACE SHALL BE SERVED NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS. EXCEPTION: 1. ACCESSIBLE MEANS OF EGRESS ARE NOT REQUIRED TO PROVIDED IN EXISTING BUILDINGS.		
TABLE 1017.2	EXIT ACCESS TRAVEL DISTANCE	OCCUPANCY E (EDUCATIONAL)	WITHOUT SPRINKLER SYSTEM	200 FEET
TABLE 1020.1	CORRIDOR FIRE-RESISTANCE RATING	OCCUPANCY E (EDUCATIONAL)	WITHOUT SPRINKLER SYSTEM	1 (HOUR)
BC 1020.4	DEAD ENDS	WHERE MORE THAN ONE EXIT OR EXIT ACCESS DOORWAY IS REQUIRED, THE EXIT ACCESS SHALL BE ARRANGED SUCH THAT THERE ARE NO DEAD ENDS IN CORRIDORS WITH MORE THAN 20 FEET IN LENGTH.		
BC 1028.1	EXIT DISCHARGE	EXITS SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING. THE EXIT DISCHARGE SHALL BE AT GRADE OR SHALL PROVIDE A DIRECT PATH OF EGRESS TRAVEL TO GRADE. THE EXIT DISCHARGE SHALL NOT REENTER THE BUILDING.		


$$\frac{3}{64}'' = 1'-0''$$

$$\overline{1'' = 50'-0''}$$


$$1'' = 50'-0''$$

$$\overline{3/64'' = 1'-0''}$$

LIFE SAFETY OCCUPANT LOAD SCHEDULE - FIRST FLOOR					
NO.	NAME	TABLE 1004.1.2	AREA	SF PER PERSON	MAX OCCUPANCY
201	CLASSROOM	Educational, Classroom Area	869.92 SF	20	44
202	CLASSROOM	Educational, Classroom Area	774.19 SF	20	39
203	CLASSROOM	Educational, Classroom Area	859.36 SF	20	43
204	CLASSROOM	Educational, Classroom Area	769.03 SF	20	39
205	CLASSROOM	Educational, Classroom Area	693.32 SF	20	35
206	CLASSROOM	Educational, Classroom Area	756.08 SF	20	38
207	CLASSROOM	Educational, Classroom Area	859.32 SF	20	43
208	CLASSROOM	Educational, Classroom Area	764.90 SF	20	39
209	CLASSROOM	Educational, Classroom Area	960.04 SF	20	49
210	CLASSROOM	Educational, Classroom Area	849.32 SF	20	43
213	OFFICE	Business Areas	241.01 SF	100	3
214	ASSISTANT PRINCIPAL	Business Areas	124.50 SF	100	2
214K	VESTIBULE	(none)	86.97 SF		
219	OFFICE	Business Areas	526.40 SF	100	6
219	NURSE	Business Areas	133.38 SF	100	2
220	CLASSROOM	Educational, Classroom Area	433.93 SF	20	22

LIFE SAFETY OCCUPANT LOAD SCHEDULE - FIRST FLOOR						
NO.	NAME	TABLE 1004.1.2	AREA	SF PER PERSON	MAX OCCUPANCY	
220A	CLASSROOM	Educational, Classroom Area	217.17 SF	20	11	
221	CLASSROOM	Educational, Classroom Area	100.00 SF	20	51	
222	CLASSROOM	Educational, Classroom Area	957.83 SF	20	48	
223	CLASSROOM	Educational, Classroom Area	136.56 SF	20	35	
224	CLASSROOM	Educational, Classroom Area	415.55 SF	20	21	
224	COUNSELOR	Educational, Classroom Area	163.32 SF	20	9	
225	CLASSROOM	Educational, Classroom Area	90.79 SF	20	46	
226	COUNSELOR	Educational, Classroom Area	164.14 SF	20	9	
227	ALGORITHM		312.21 SF			
227A	SEC. OFFICE	Business Areas	50.79 SF	100	1	
227B	SEC. OFFICE	(none)	131.77 SF			
228	SPECIAL ED.	Educational, Classroom Area	166.00 SF	20	9	
229	GYM	Exercise rooms	4196.26 SF	50	84	
229A	GYM OFFICE	Business Areas	88.75 SF	100	1	
230	STORAGE	Accessory storage areas, mechanical equipment room	164.11 SF	300	1	
TOTAL OCCUPANCY					879	

LIFE SAFETY OCCUPANT LOAD SCHEDULE - GROUND FLOOR					
NO.	NAME	TABLE 1004.1.2	AREA	SF. PER PERSON	MAX OCCUPANCY
*	STORAGE	Accessory storage areas, mechanical equipment room	42.78 SF	300	1
*	STORAGE		206.61 SF	(none)	
101	STEM LAB	Educational, Classroom Area	612.84 SF	20	41
102	CLASSROOM	Educational, Classroom Area	724.02 SF	20	41
103	CLASSROOM	Educational, Classroom Area	794.56 SF	20	40
104	OFFICE	Business Area	224.22 SF	40	6
105	CLASSROOM	Educational, Classroom Area	717.22 SF	20	36
105	CLASSROOM	Educational, Classroom Area	850.16 SF	20	43
106	CLASSROOM	Educational, Classroom Area	120.11 SF	20	6
107	CLASSROOM	Educational, Classroom Area	624.22 SF	20	42
108	CLASSROOM	Educational, Classroom Area	731.93 SF	20	37
109	CLASSROOM	Educational, Classroom Area	925.53 SF	20	46
110	CLASSROOM	Educational, Classroom Area	197.47 SF	20	10
111	CLASSROOM	Educational, Classroom Area	754.44 SF	20	44
112	CLASSROOM	Educational, Classroom Area	765.75 SF	20	44

LIFE SAFETY OCCUPANT LOAD SCHEDULE - GROUND FLOOR					
NO.	NAME	TABLE 1004.1.2		SF. PER PERSON	MAX OCCUPANCY
113	OFFICE	Business Areas	186.91 SF	100	2
114	CLASSROOM	Educational, Classroom Area	765.55 SF	20	38
115	CLASSROOM	Educational, Classroom Area	527.71 SF	20	26
115A	STORAGE	(none)	110.83 SF		
116	CLASSROOM	(none)	336.65 SF		53
117	CLASSROOM	Educational, Classroom Area	719.2 SF	20	35
118	CLASSROOM	Educational, Classroom Area	781.84 SF	20	38
119	CLASSROOM	Educational, Classroom Area	691.90 SF	20	40
120	FACILITY	Business Areas	173.03 SF	100	2
121	KITCHEN	Business Areas	350.01 SF	100	4
125	CUSTODIAL	Business Areas	232.81 SF	100	2
126	HEAD CHIEF	Business Areas	161.89 SF	100	2
128	CATERIA	Assembly, Unconstrained (tables and chairs)	3829.10 SF	15	256
128	OFFICE	Business Areas	218.50 SF	100	3
129	OFFICE	Business Areas	186.91 SF	100	2
130	STORAGE	Accessory storage areas, mechanical equipment room	2331.93 SF	300	11
131	BOILER ROOM	Accessory storage areas, mechanical equipment room	1907.18 SF	300	7
TOTAL OCCUPANCY					963

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT

MEMASI

2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

MEP CONSULTANT

STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP

ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204
PELHAM, NY 10803
914.693.0221

SEAL

BID SET	01/03/2023
ISSUE	DATE

KEY PLAN

SED PROJECT NO.	66-03-01-03-0-001-02
MEMASI PROJECT NO.	102-220

LIFE SAFETY PLAN - GROUND AND FIRST FLOOR

AH LS001

© 2022 MEMASI. ALL RIGHTS RESERVED

2022 CAPITAL BOND
PROJECT

ARCHITECT

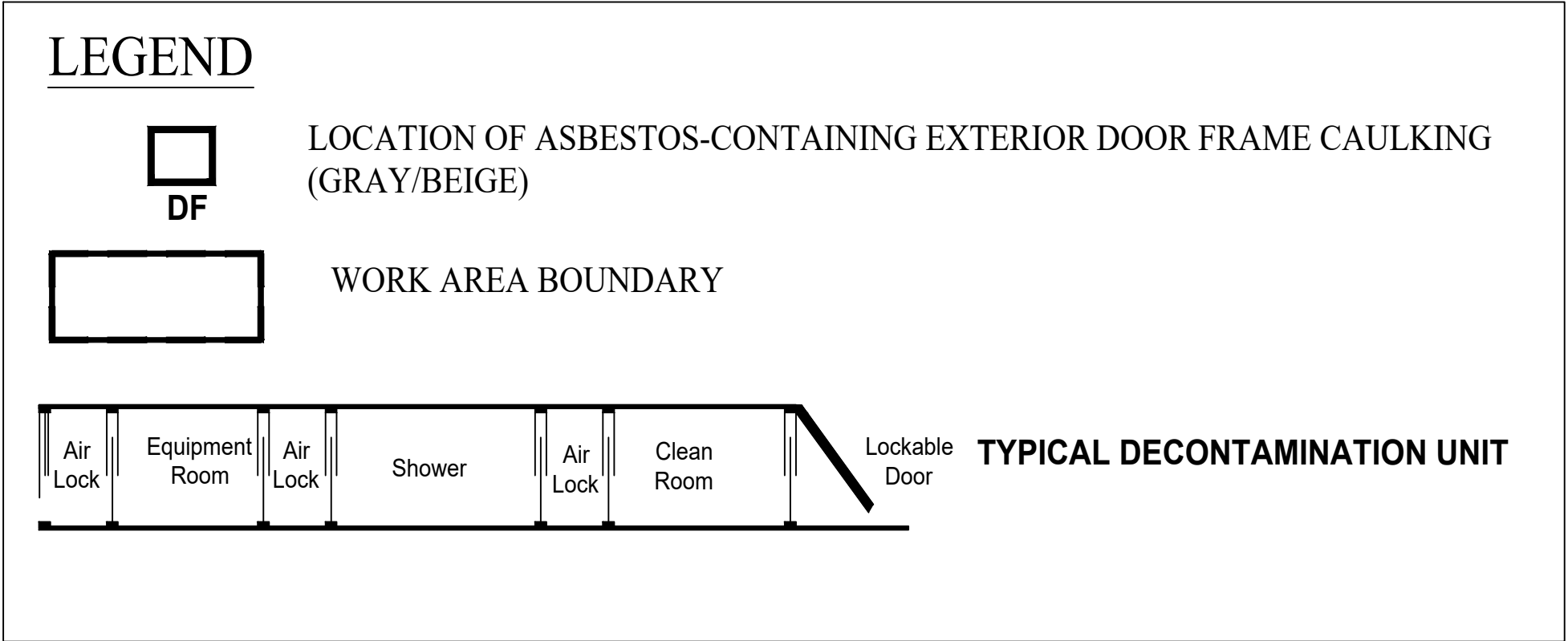
MEMASI

2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850
607.277.4000

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

HAZARDOUS MATERIALS CONSULTANT
WSP
250 WEST 34TH STREET, 4TH FLOOR
NEW YORK, NY 10019
212.612.7900


$$1'' = 12'' - 0''$$

(1)

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

MEMASI PROJECT NO.

H-002.00

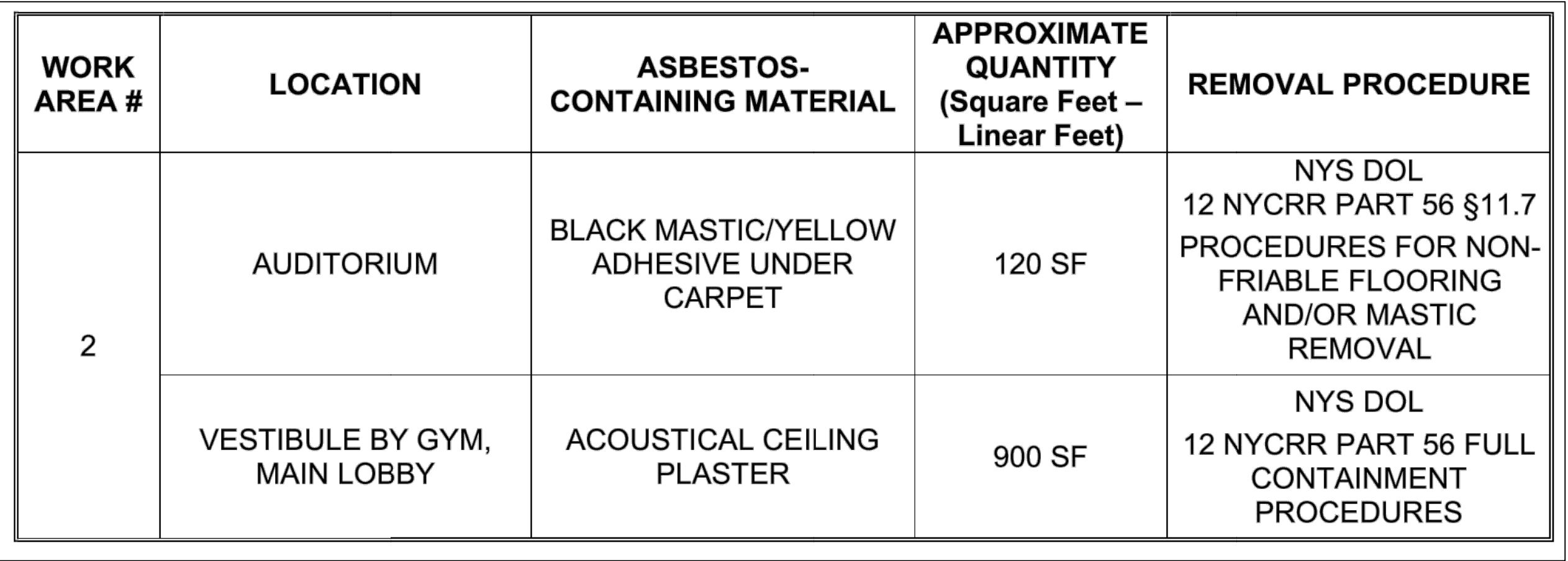
© 2022 MEMASI. ALL RIGHTS RESERVED.

[illegible]

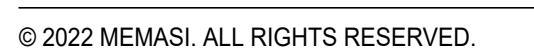
BID SET	01/03/2023
ISSUE	DATE

KEY PLAN





1

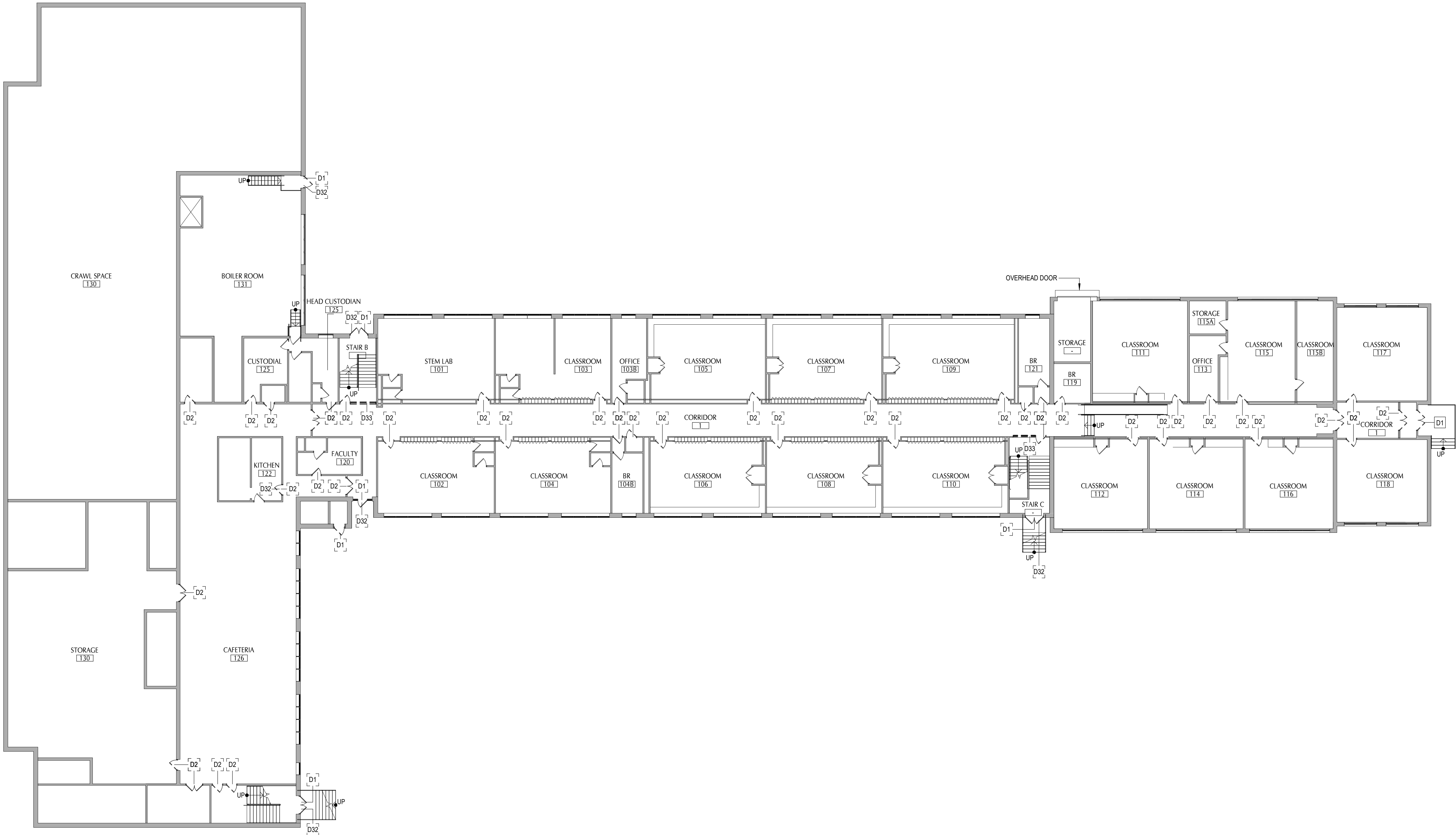


SHEET NOTES

- A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- B. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS. U.O.N.
- D. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- E. PREPARE ROUGH OPENINGS AFTER FRAME REMOVALS FOR NEW FRAMES.

KEY NOTES

- D1 REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
- D2 REMOVE DOOR AND HARDWARE, FRAME TO REMAIN
- D32 REMOVE EXISTING THRESHOLD
- D33 REMOVE GLAZING FROM FRAME



DEMOLITION PLAN - GROUND FLOOR
1/16" = 1'-0"

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT
THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

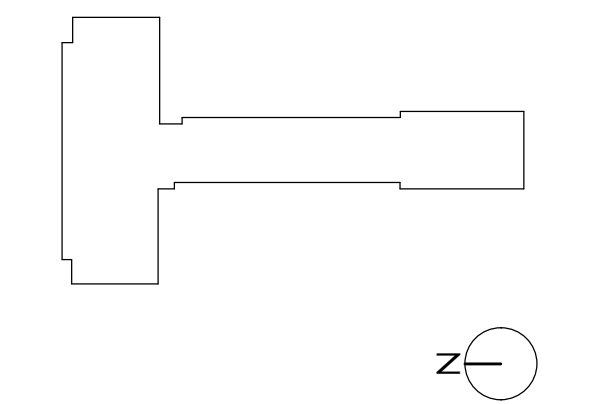
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT
WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

LIGHTING CONSULTANT
GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204
PELHAM, NY 10803
914.693.0221

SEAL	
BID SET	01/03/2023
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	66-03-01-03-0-001-022
MEMASI PROJECT NO.	102-2202

DEMOLITION
PLAN - GROUND
FLOOR

AH AD101

- A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- B. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- C. ALL KEVED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS. U.O.N.
- D. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- E. GC TO TEMPORARILY SUPPORT ABOVE CEILING INFRASTRUCTURE AFTER CEILING REMOVAL COORDINATE WITH OTHER TRADES.

D1	REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
D2	REMOVE DOOR AND HARDWARE, FRAME TO REMAIN
D17	REMOVE STOREFRONT SYSTEM, MULLIONS, DOORS, AND THRESHOLDS INCLUDING ALL FASTENERS AND HARDWARE
D32	REMOVE EXISTING THRESHOLD
D33	REMOVE GLAZING FROM FRAME



PELHAM, NY
914.693.0221

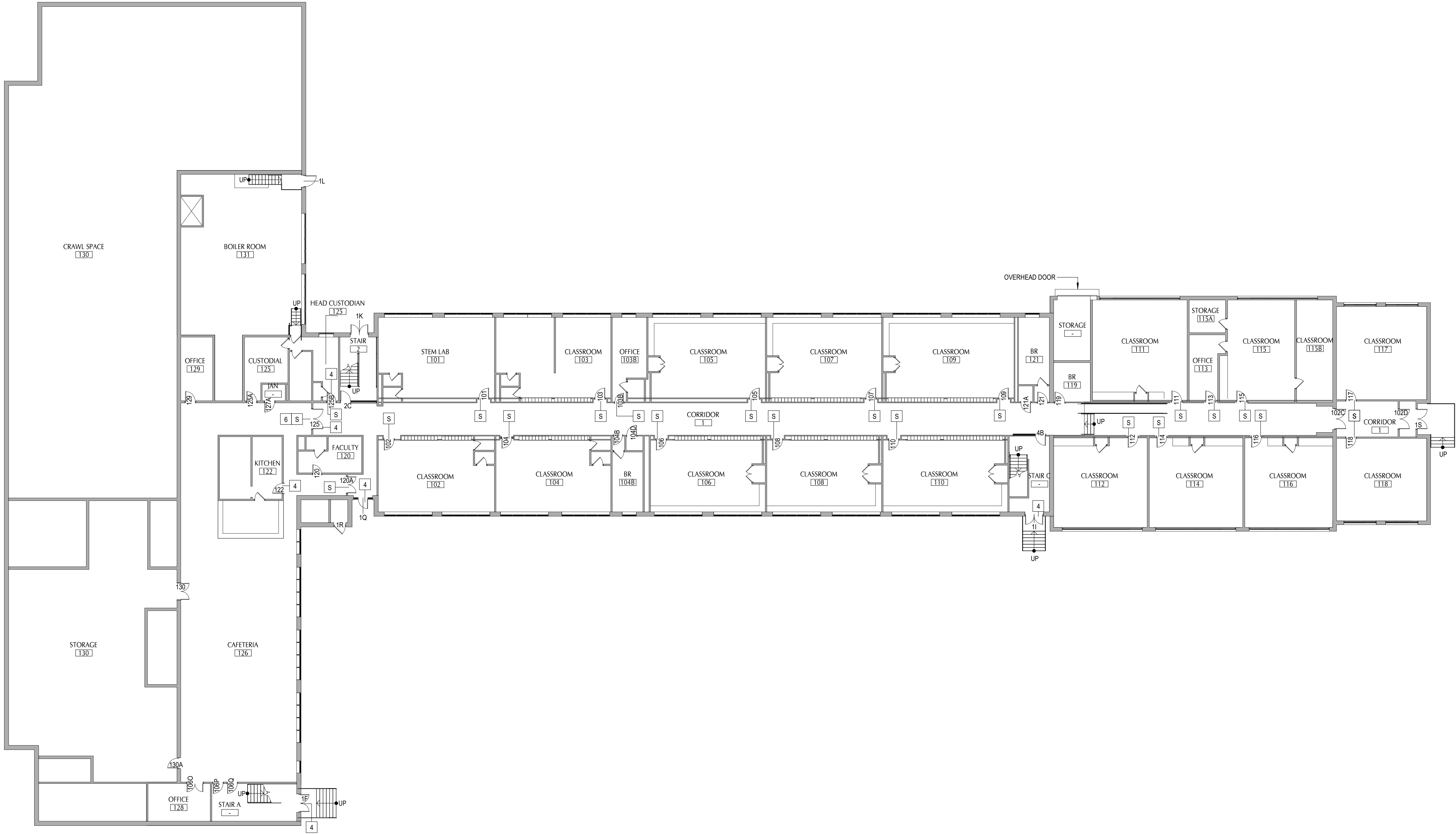
© 2022 MEMASI. ALL RIGHTS RESERVED

SHEET NOTES

- A. DO NOT SCALE THE DRAWINGS. NOTIFY ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING.
- B. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED. WHEN ANY WORK IS PERFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE NOTED.
- C. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- D. EXISTING METAL HOLLOW FRAMES TO REMAIN SHALL BE SANDED DOWN TO METAL WHILE PROTECTING THE UL MARKING TO REMAIN INTACT AND READABLE. FOR SMALL ROUND HOLES USE STEEL FASTENERS AND GRIND DOWN THE HEAD TO BE SMOOTH WITH THE FRAME. PROVIDE STEEL PLATES MATCHING THE HOLLOW METAL FRAME GAUGE FOR ABANDONED HARDWARE CUTOUTS OR OTHER OPENINGS. PROTECT THE UL MARKING, PRIME AND PAINT THE HOLLOW METAL FRAMES.

KEY NOTES

- 4 ADD NEW THRESHOLD. REFER TO 900 SERIES
- 6 PROVIDE REMOVABLE INTERMEDIATE MULLION
- S SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE INFO. ALL SHELTER LOCK COMPONENTS TO BE INSTALLED BY GC. THE GC WILL INSTALL ALL LOCKSETS. THE GC WILL TURN THE REPEATERS OVER TO THE ELECTRICAL CONTRACTOR WHO WILL INSTALL AND WIRE THE REPEATERS.



- A. DO NOT SCALE THE DRAWINGS. NOTIFY ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING.
- B. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED. WHEN PAINT IS PERFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE NOTED.
- C. DOOR MULLIONS TO BE RE-PAIRED WHERE NEEDED.
- D. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- E. EXISTING METAL HOLLOW FRAMES TO REMAIN SHALL BE SANDED DOWN TO METAL WHILE PROTECTING THE GLASS. MARKING TO REMAIN INTACT AND READABLE FOR SMALL ROUND HOLES USE STEEL FASTENERS AND GROUND DOWN THE HEAD TO BE SMOOTH WITH A SAND PAPER PROVIDED. REPAIR OR REPLACE THE HOLLOW METAL FRAME GAUGE FOR ABANDONED HARDWARE CUTOFFS OR OTHER OPENINGS. PROTECT ALL UNPAINTED METAL. PRIME AND PAINT THE HOLLOW METAL FRAMES.

4 ADD NEW THRESHOLD. REFER TO 900 SERIES
6 PROVIDE REMOVABLE INTERMEDIATE MULLION
7 PROVIDE GLAZING IN EXISTING FRAME. REFER TO 900 SERIES
S SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE
INFO. ALL SHELTER LOCK COMPONENTS TO BE INSTALLED BY
GC. THE GC WILL INSTALL ALL LOCKSETS. THE GC WILL TURN
THE REPEATERS OVER TO THE ELECTRICAL CONTRACTOR WHO
WILL INSTALL AND WIRE THE REPEATERS.



2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

ITHACA, NY 14850

1000 PARK BLVD., SUITE 209

STAMFORD, CT 06905

BRIDGEWATER, MA 02324

NEW YORK, NY 10119

914.693.0221

SEAL

BID SET

01/03/2023

KEY PLAN



SED PROJECT NO. 66-03-01-03-0-001-02

66-03-01-03-0-001-02

© 2022 MEMASI. ALL RIGHTS RESERVED

SHEET NOTES

- A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- B. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS. U.O.N.
- D. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- E. GC TO TEMPORARILY SUPPORT ABOVE CEILING INFRASTRUCTURE AFTER CEILING REMOVAL COORDINATE WITH OTHER TRADES.
- F. GC TO PROVIDE NEW STL LINTELS IN ALL NEW OPENINGS IN EXISTING MASONRY WALLS. GC TO TEMPORARILY SUPPORT ALL NEW WALL OPENINGS DURING CONSTRUCTION.
- G. DO NOT SCALE THE DRAWINGS. NOTIFY ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING.
- H. ALL EXPOSED SURFACES OF NEW PARTITIONS TO BE PAINTED. WHEN ANY WORK IS PERFORMED ON PORTION OF AN EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE NOTED.
- I. PROVIDE BLOCKING IN ALL ADJACENT WALLS AS REQUIRED TO INSTALL ALL CASEWORK.
- J. PROVIDE WALL BASE AS SCHEDULED ON ALL EXPOSED TOE KICK SPACES AND EXPOSED END PANELS.
- L. INSTALL CEILING GRIDS CENTERED IN THE ROOM U.O.N. IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
- M. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHTS TO BE VERIFIED IN THE FIELD.
- N. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

GWB OR PLASTER CEILING. REFER TO DETAILS AND ROOM FINISH SCHEDULE

ALUMINUM SOFFIT

SUSPENDED ACOUSTICAL TILE CEILING SYSTEM

CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

2x4 LIGHT FIXTURE

2x2 LIGHT FIXTURE

MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

HVAC SUPPLY GRILLE

HVAC RETURN GRILLE

LINEAR DIFFUSER

FINISH LEGEND

WALL FINISH

BASE FINISH

FLOOR FINISH

CEILING FINISH

INTERIOR FINISH TAG. REFER TO DETAILS AND ROOM FINISH SCHEDULE

CHANGE IN FINISH MATERIAL

ABBREVIATIONS

- ACT ACOUSTICAL CEILING TILE
- CPT CARPET
- ETR EXISTING TO REMAIN PAINT
- PNT PAINT
- RB RUBBER / RUBBER WALL BASE
- TERR TERRAZZO

KEY NOTES

- D1 REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
- D5 SAWCUT AND REMOVE MASONRY WALL FOR EXTENT SHOWN. COORDINATE REMOVAL WITH NEW WORK.
- D12 REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL FRAMING AND FASTENERS. REFER TO MEP DRAWINGS FOR EQUIPMENT REMOVALS.
- D17 REMOVE STOREFRONT SYSTEM, MULLIONS, DOORS, AND THRESHOLDS INCLUDING ALL FASTENERS AND HARDWARE

CASEWORK NOTES

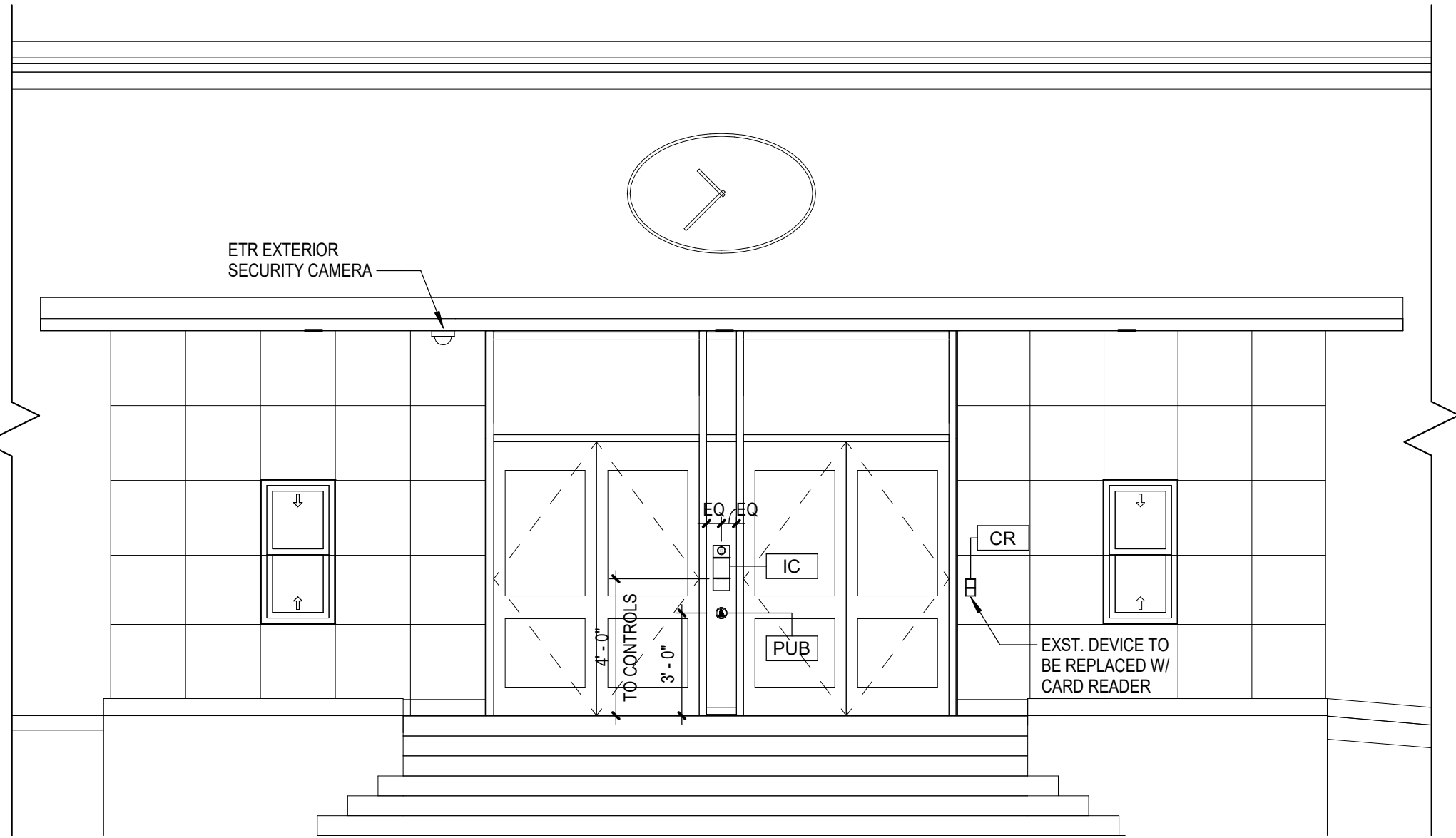
HEIGHT OF CASEWORK

WIDTH OF CASEWORK

AWI DESIGN NUMBER OR SHELDON LABS DESIGN NUMBER OR WENGER DESIGN NUMBER

ROOM FINISH SCHEDULE								
ROOM NUMBER	ROOM NAME	ROOM STYLE	FLOOR		WALL FINISH	ACCENT WALL	CEILING	COMMENTS
			FINISH	BASE				
1	CORRIDOR	(none)	ETR TERR	ETR	ETR MARBLE / PNT		ACT / GYP	COLOR TO MATCH EXISTING
227A	SEC. OFFICE	(none)	LVT	RB	PNT		ACT	
227B	SEC. VESTIBULE	(none)	PT	PORCELAIN	CWT		ACT 7	

SCHEDULE OF FINISH MATERIALS						
TAG	MATERIAL	MANUFACTURER	STYLE / TYPE	COLOR	SIZE	NOTES
LVT	LUXURY VINYL TILE	CREATIVE MATERIALS...	HARMONIOUS	SAND CROSSHATCH	18" x 18"	SECURITY OFFICE FLOOR
PT-1	PORCELAIN TILE	CREATIVE MATERIALS...	OXIDIZE	BROWN	24" x 24"	VESTIBULE FLOOR
PT-2	PORCELAIN TILE	DALTILE	PORCELAIN TITLE	SY31 OR SY32	12" X 24"	VESTIBULE WALL, ALIGN FLOOR AND WALL JOINTS
PNT	PAINT	TBD	TBD	TBD		MATCH EXIST WALL PAINT ABOVE MARBLE WAINSCOTT
PLAM	PLASTIC LAMINATE	WILSONART	MATTE FINISH	NATURAL ALMOND D30-60		
ACT 7	ACT CEILING	CERTAIN TEED	SAND MICRO	WHITE	48" x 48"	
ACT 1	ACT CEILING	CERTAIN TEED	SAND MICRO	WHITE	24" x 24"	
RB	RUBBER BASE	ROPPE	TBD	TBD	4"	



EXTERIOR ELEVATION

1/4" = 1'-0"

SECOND FLOOR - MAIN ENTRY

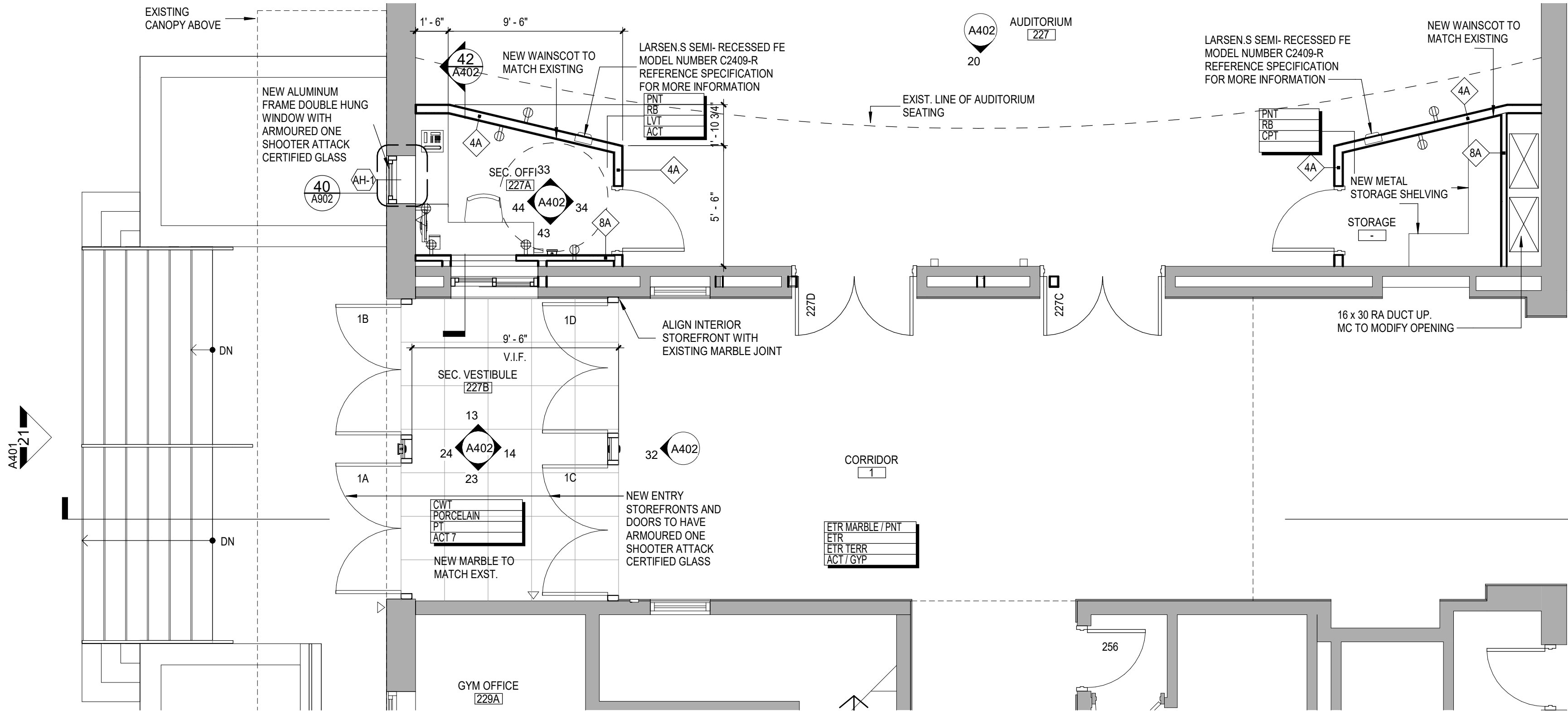
1/8" = 1'-0"

FINISH NOTE

MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCE 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.

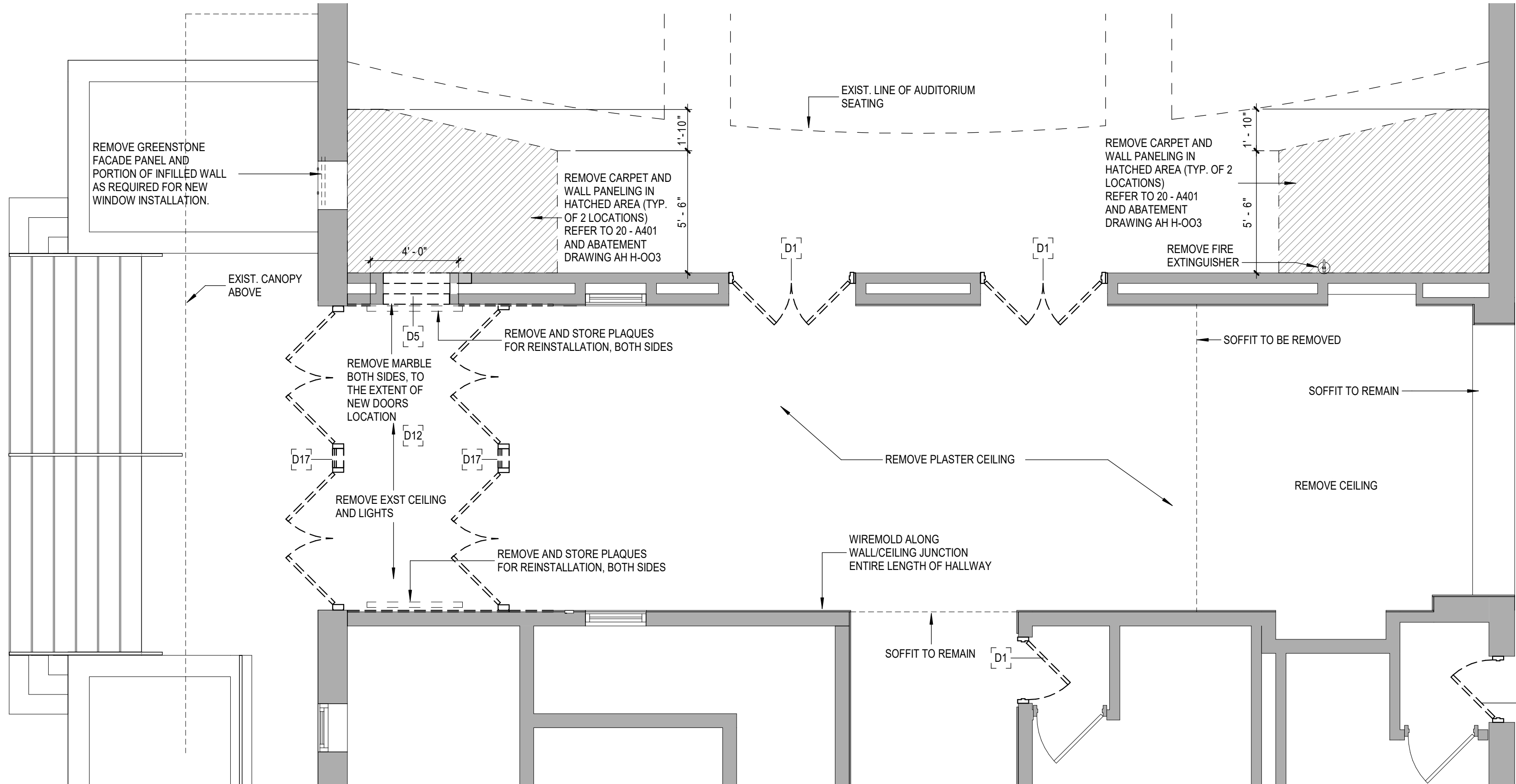
REFLECTED CEILING PLAN - MAIN ENTRY

1/4" = 1'-0"



ENLARGED PLAN - MAIN ENTRY

1/4" = 1'-0"



DEMOLITION PLAN - MAIN ENTRY

1/4" = 1'-0"

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT

MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

MEP CONSULTANT

STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

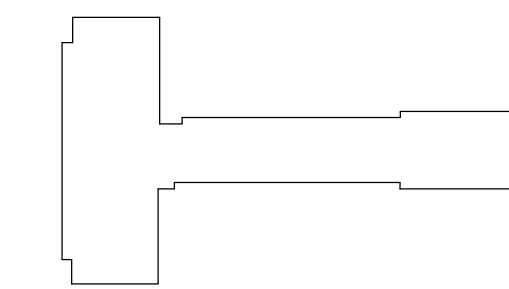
LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE., #204
PELHAM, NY 10803
914.693.0221

SEAL

BID SET 01/03/2023
ISSUE DATE

KEY PLAN

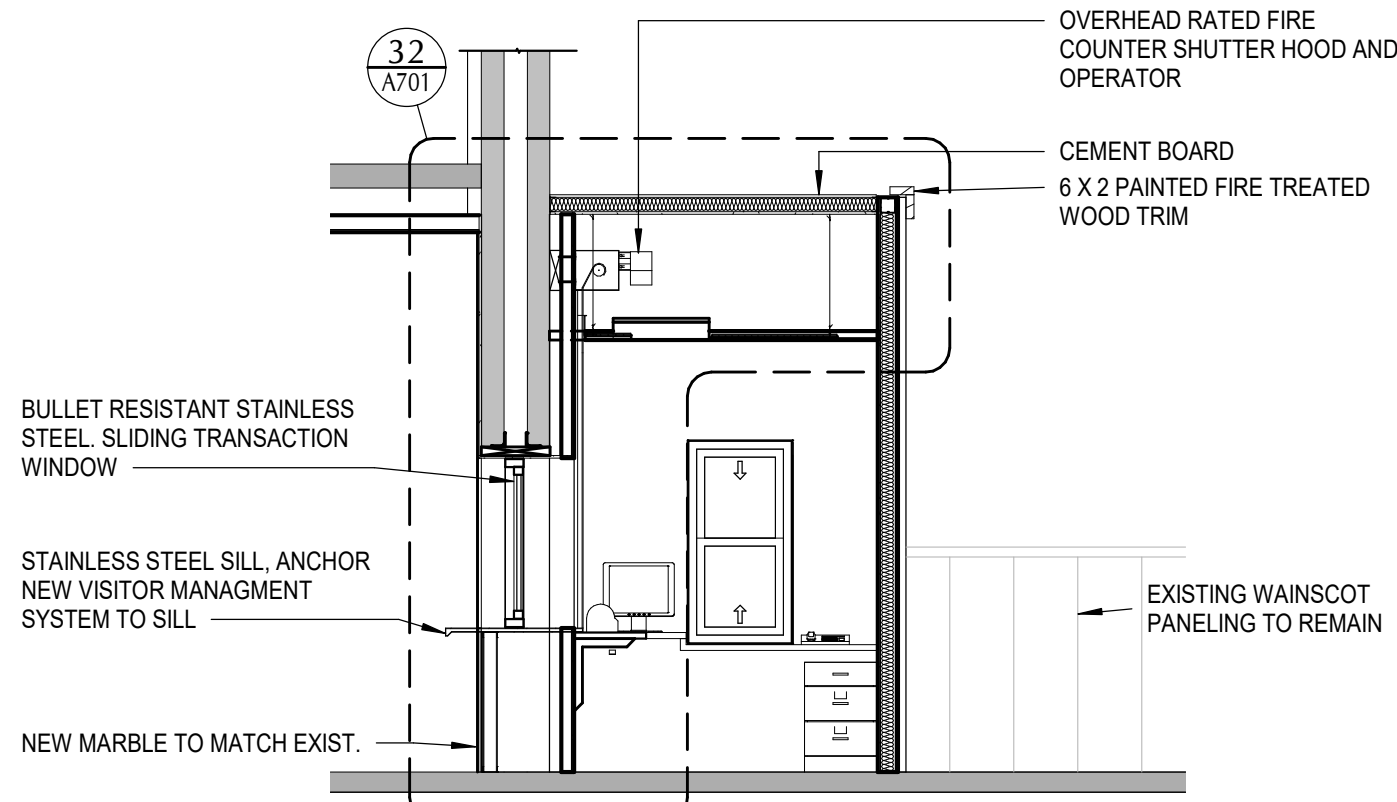


SED PROJECT NO. 66-03-01-03-0-001-022
MEMASI PROJECT NO. 102-2202

MAIN ENTRY

AH A401

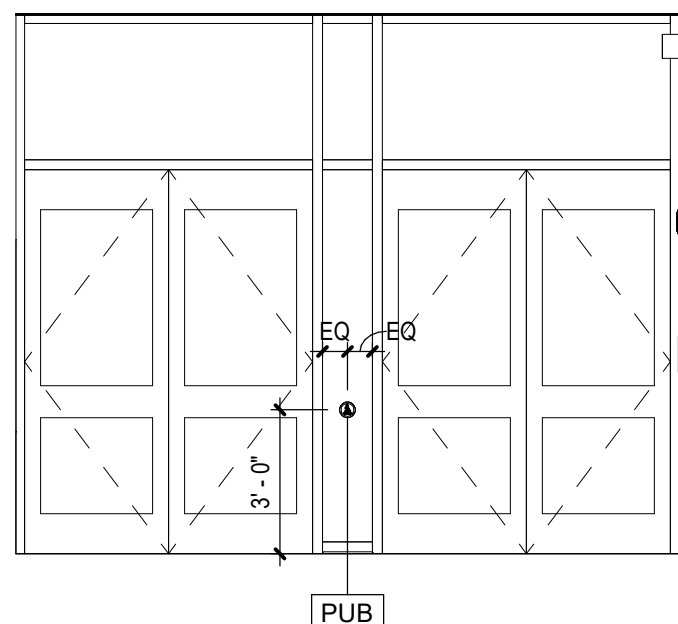
© 2022 MEMASI. ALL RIGHTS RESERVED.



44

43

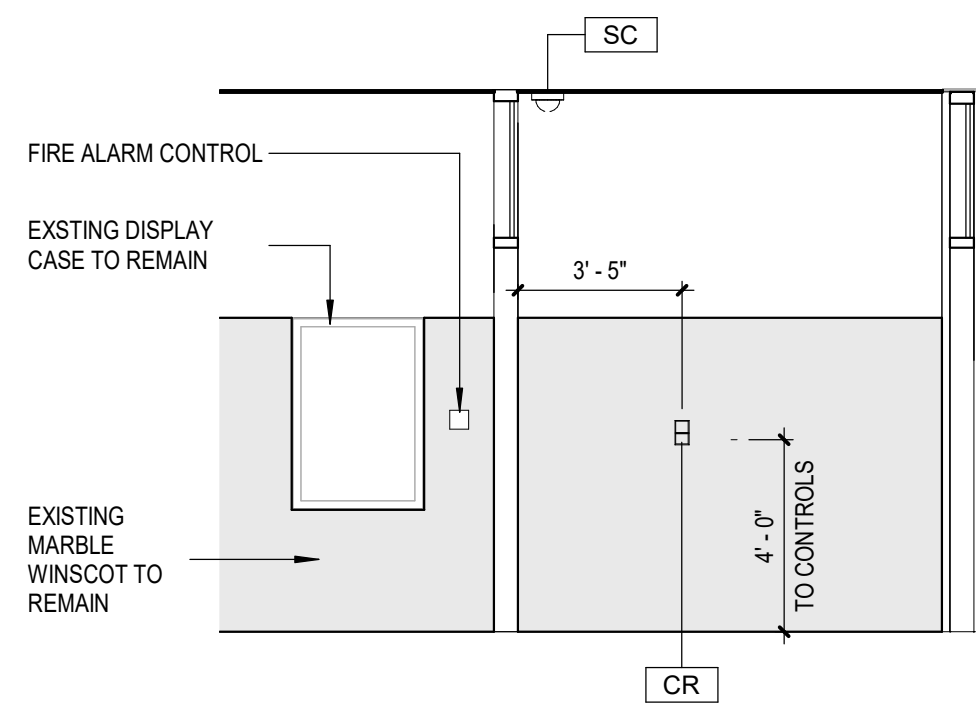
42



34

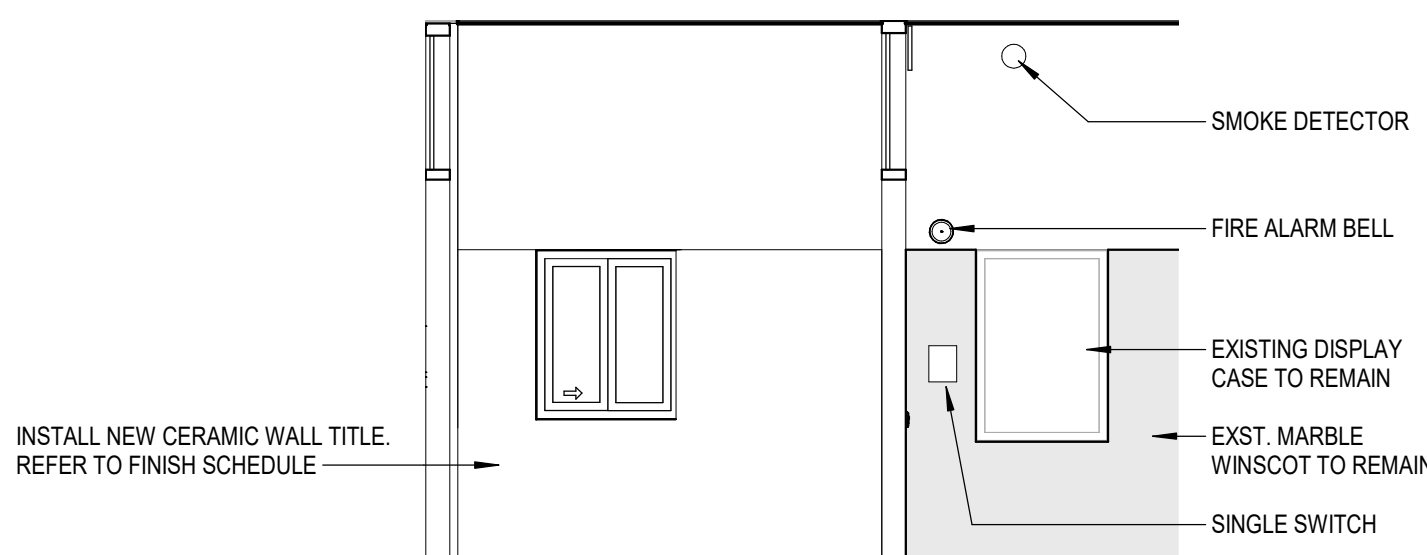
33

32



24

23



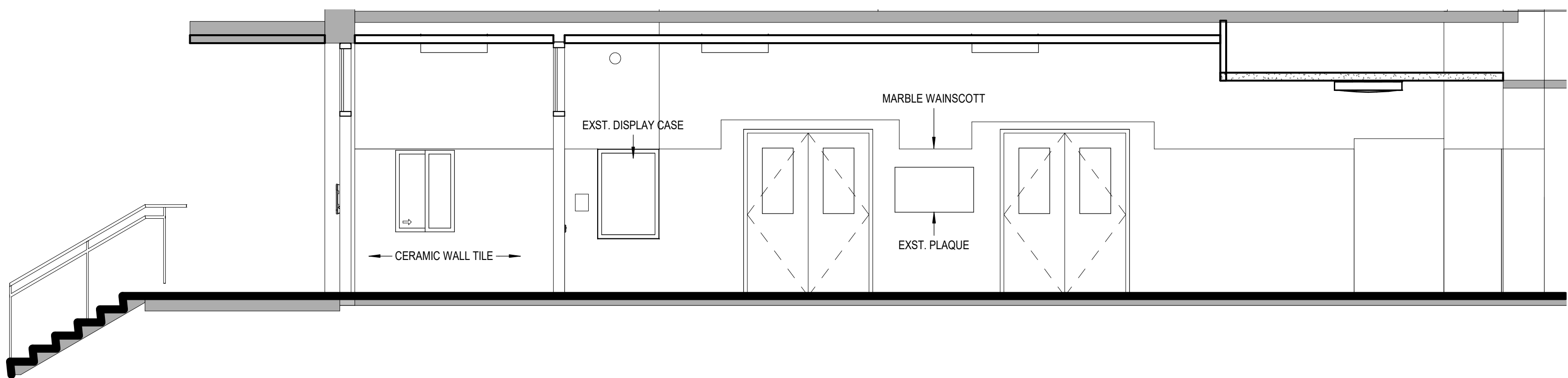
14

13

SPECIALTY EQUIPMENT SCHEDULE - SECURITY						
KEY	QTY.	NAME	COMMENTS	PROVIDED BY	REQUIREMENTS	
C	1	CLOCK	SECURITY DEVICE			
CR	2	CARD READER	SECURITY DEVICE			
DR	2	UNDERCOUNTER DOOR RELEASE BUTTON	SECURITY DEVICE	FOR COORDINATION - ELECTRICAL CONTRACT		
EP	1	EMERGENCY PHONE	SECURITY DEVICE	FOR COORDINATION - SEPERATE CONTRACT		
IC	1	INTERCOM STATION	SECURITY DEVICE		OWNER	
ICM	1	INTERCOM MASTER STATION	SECURITY DEVICE			
LD	2	LOCKDOWN BUTTON FSS	SECURITY DEVICE	FOR COORDINATION - ELECTRICAL CONTRACT		
LP	1	PRINTER LABEL BADGE	SECURITY DEVICE	FOR COORDINATION - ELECTRICAL CONTRACT		
PB	1	PANIC BUTTON	SECURITY DEVICE	FOR COORDINATION - ELECTRICAL CONTRACT		
PUB	4	PUSH-BUTTON	SECURITY DEVICE			
SC	2	SECURITY CAMERA	SECURITY DEVICE			
WKS	1	WORKSTATION	SECURITY DEVICE	FOR COORDINATION - SEPERATE CONTRACT		

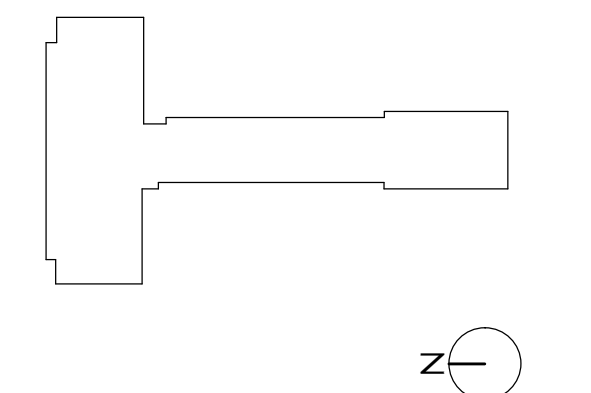


20



10)

KEY PLAN



ED PROJECT NO.	66-03-01-03-0-001-022
TEMASI PROJECT NO.	102-2202

© 2022 MEMASI. ALL RIGHTS RESERVED.

PARTITION TYPE NUMBER			
 NOM. CMU SIZE	STC RATING	FIRE RATING	SIDE ONE: FINISH
	TEST DESIGN	SIDE TWO: FINISH	

GENERAL PARTITION NOTES

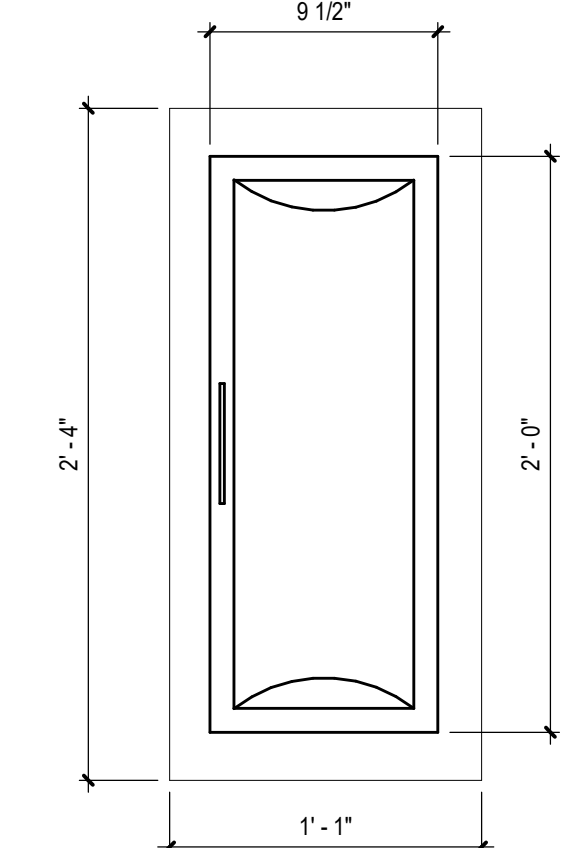
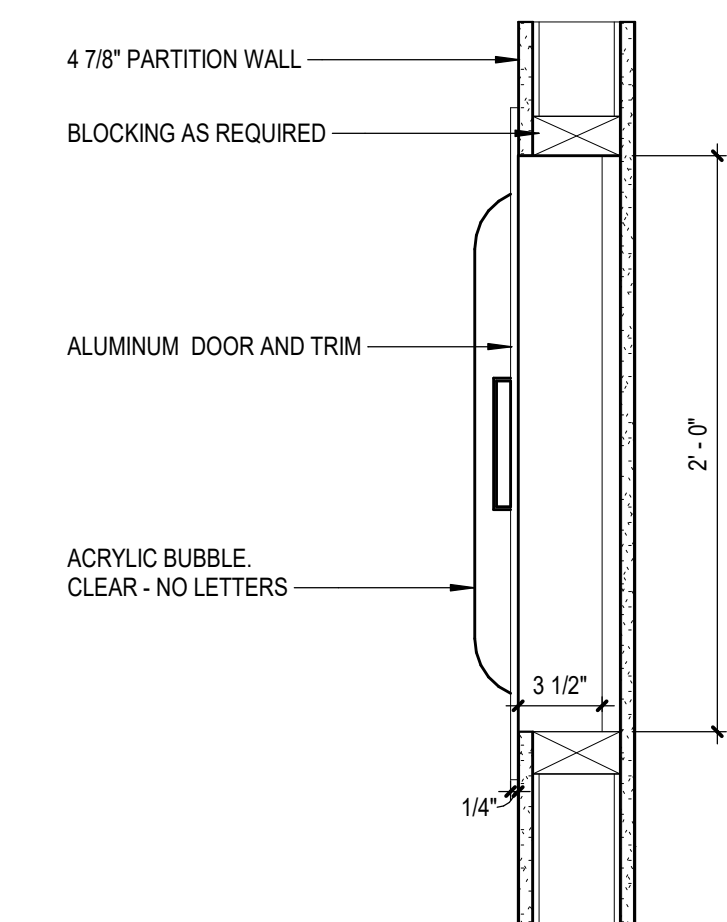
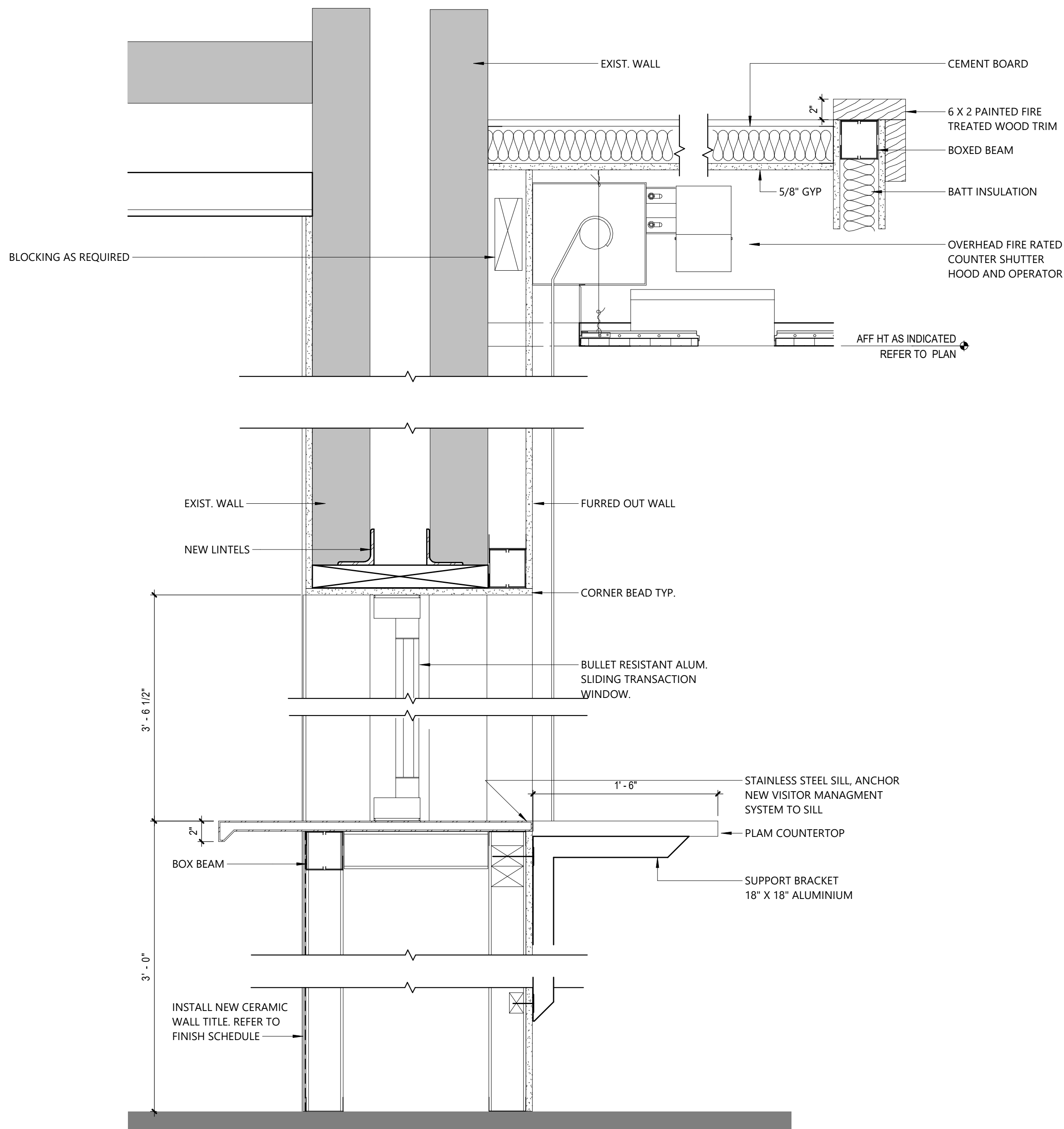
1. THIS PARTITION TYPE SCHEDULE IS GENERIC IN NATURE. NOT ALL OF THE PARTITION TYPES ILLUSTRATED ON THIS SHEET HAVE BEEN UTILIZED IN THIS PROJECT. SEE FLOOR PLANS FOR LOCATIONS OF PARTITION TYPES USED.
2. ALL INTERIOR PARTITIONS INDICATED ON THE FLOOR PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF A PARTITION SHOWN ON THE FLOOR PLANS WITHOUT A PARTITION TAG. THE ARCHITECT WILL DETERMINE THE PARTITION TYPE TO BE USED AT SUCH LOCATIONS.

1. 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. THE JOINT SYSTEM MUST BE APPROVED BY THE ASSEMBLY, TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
2. PROVIDE THROUGH-PENETRATION FIRE STOP SYSTEM AT ALL PENETRATIONS THROUGH THE PARTITION, FLOOR, AND ROOF ASSEMBLIES. THROUGH-PENETRATION FIRE STOP SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE PARTITION, FLOOR, OR ROOF ASSEMBLY THROUGH WHICH THE STOP SYSTEM IS BEING USED. IT IS RECOMMENDED THAT THE THROUGH-PENETRATION FIRE STOP SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
3. ANY PRODUCT THAT EMITS SMOKE MUST MEET THE REQUIREMENTS OF THE NEW YORK STATE FIRE DEPARTMENT.
4. 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 AVAILABLE FOR SMOKE OR FIRE TO PASS THROUGH. CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION.
5. 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.

1. ALL PLAN DIMENSIONS ARE TO FACE OF CMU, UNLESS NOTED OTHERWISE
2. PROVIDE HORIZONTAL JOINT REINFORCEMENT EVERY OTHER CMU COURSE
3. PROVIDE (2) VERTICAL #4 BARS IN FULLY GROUTED CORNER AT THE FOLLOWING LOCATIONS:
 - A) PARTITION INTERSECTIONS (REINFORCE FULL HEIGHT)
 - B) WINDOW OPENINGS (REINFORCE FULL HEIGHT OF DOOR)
 - C) DOOR OPENINGS (REINFORCE FLOOR TO WINDOW HEAD)
 - D) WALL ENDS (REINFORCE FULL HEIGHT)
4. SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REINFORCING AND ANCHORING REQUIREMENTS
5. PROVIDE BULLNOSE MASONRY UNITS ON ALL OUTSIDE CORNERS OF WALLS UNLESS NOTED OTHERWISE

1	ALL DIMENSIONS ARE TO THE FACE OF METAL STUDS UNLESS NOTED OTHERWISE.
2	PROVIDE METAL BRACING AT THIRD POINTS AT THE INTERIOR OF THE METAL STUD PARTITIONS. BRACING SHALL NOT EXCEED 48" O.C.
3	PROVIDE METAL L-CLIP, BACKER ROD AND SEALANT AT THE INTERSECTION OF GYP BD PARTITIONS AND MASONRY PARTITIONS.
4	PROVIDE ACOUSTICAL SEALANT IN THE FOLLOWING LOCATIONS: A) PERIMETER OF PARTITIONS B) RUNNERS C) ELECTRICAL OUTLETS D) PARTITION PENETRATIONS AND OPENINGS
5	PROVIDE BLOCKING WITHIN PARTITIONS TO SUPPORT PARTITION MOUNTED EQUIPMENT, FIXTURES AND ACCESSORIES. COORDINATE WITH CABINETS DETAILS AND MEP DRAWINGS.
6	ALL METAL STUD AND METAL FURRING AT PARTITIONS ARE 20 GAUGE UNLESS OTHERWISE NOTED. ALL INTERIOR METAL STUDS AND FURRING FOR CEILING SOFFITS ARE 26 GAUGE UNLESS NOTED OTHERWISE.
7	ANALOG INSULATION TO STUD SYSTEM WITH WIRE SUPPORT SYSTEM IF NOT SUPPLIED. PROVIDE INSULATION ON BOTH SIDES OF GYP STUDS. WHERE DOUBLE STUD PARTITIONS ARE USED TO FORM CHASE PARTITIONS, ONLY PROVIDE SOUND ATTENUATION BLANKETS ON ONE SIDE OF CHASE.
8	GYP STUD BOARD SCHEDULE 5/8" TYPE "X" GYP STUD BOARD UNLESS NOTED OTHERWISE. -CORRIDOR AND STUDDED OCCUPIED SPACES FLOOR TO 8'-0" ABOVE FINISHED FLOOR. 5/8" TYPE "X" AG RESISTANT GYP STUD BOARD -SUITES, RECEPTION GYP STUD BOARD CEILINGS. 5/8" TYPE "X" SAG RESISTANT GYP STUD BOARD -EXTERIOR CEILINGS AND SOFFITS. 5/8" GLASS-MAT GYP STUD SHEATHING -SUPPORT TO RECEIVE THE FINISH. 5/8" TYPE "X"GLASS-MAT WATER RESISTANT BACKING BOARD -TOILET ROOMS, KITCHENS & JANITOR CLOSETS: PARTITIONS & CEILINGS TO RECEIVE THE FINISH. 5/8" TYPE "X" MOISTURE & MOLD RESISTANT GYP STUD BOARD

CONSTRUCTION AND LOCATION	MAX SINGLE DIMENSION	MAX SINGLE AREA
	FEET	FEET
PARTITION - INTERIOR	30	-
CEILING - INTERIOR		
W/ PERIMETER RELIEF	50	2500
W/O PERIMETER RELIEF	30	900



$$1\frac{1}{2}'' = 1'-0''$$

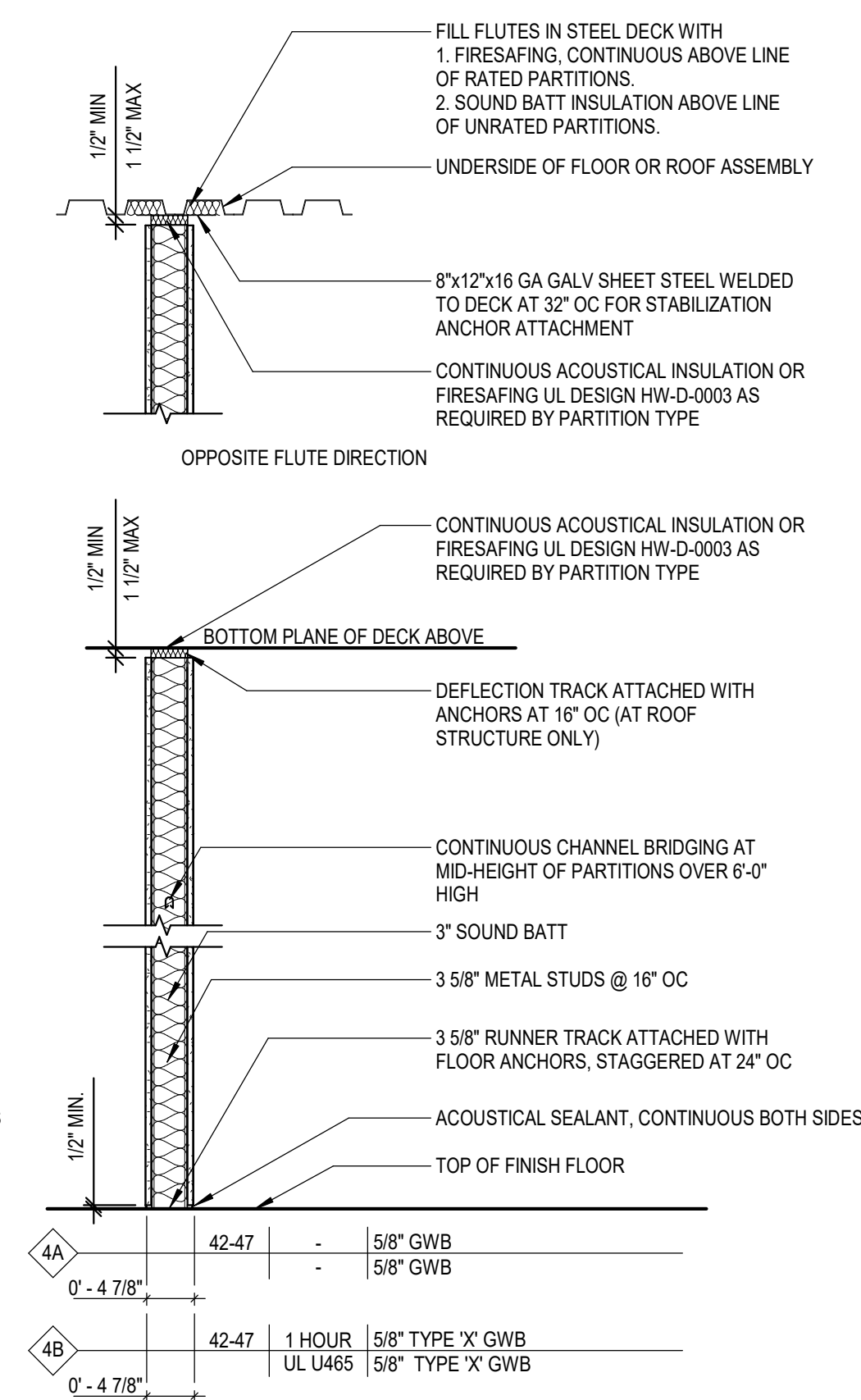
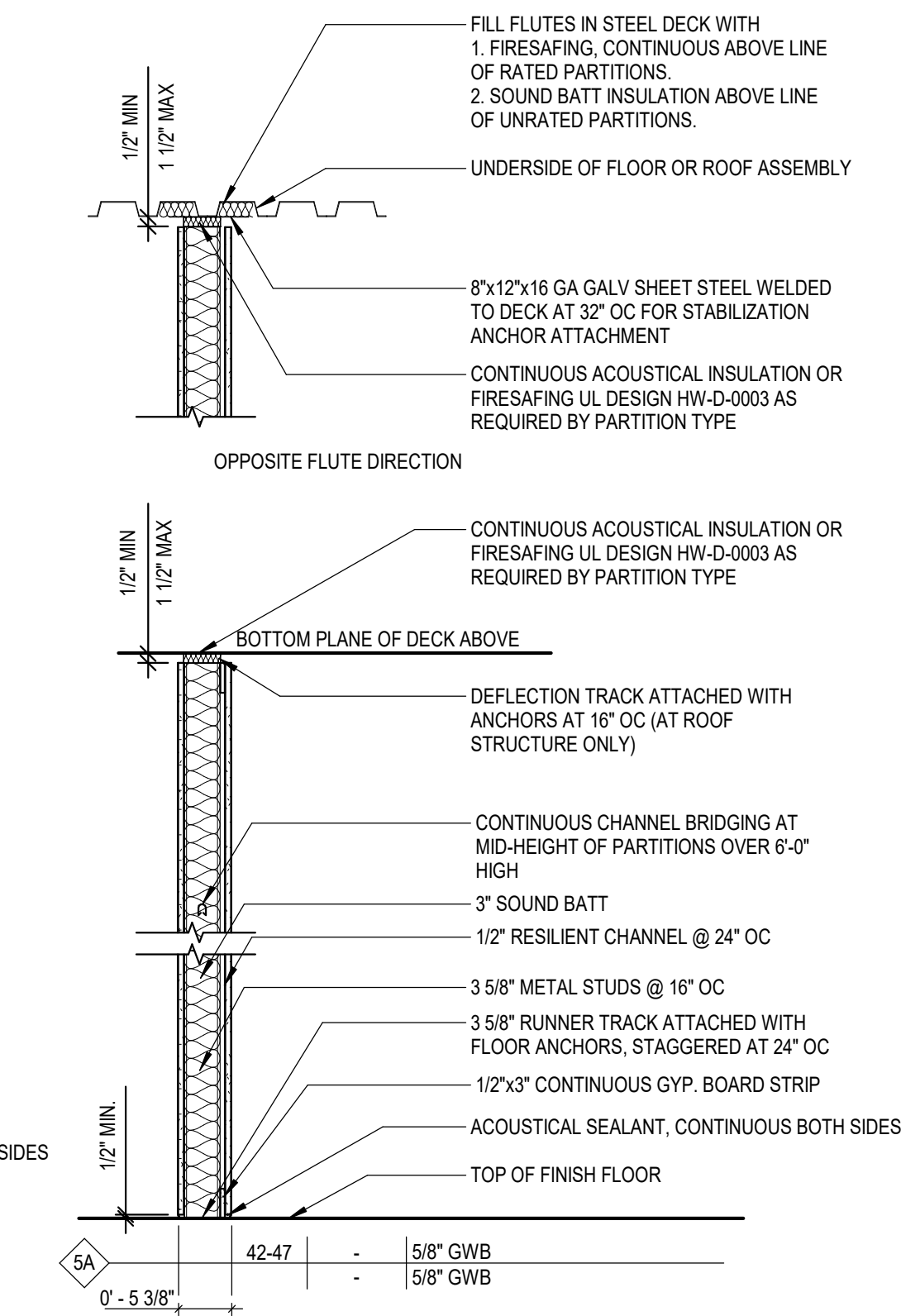
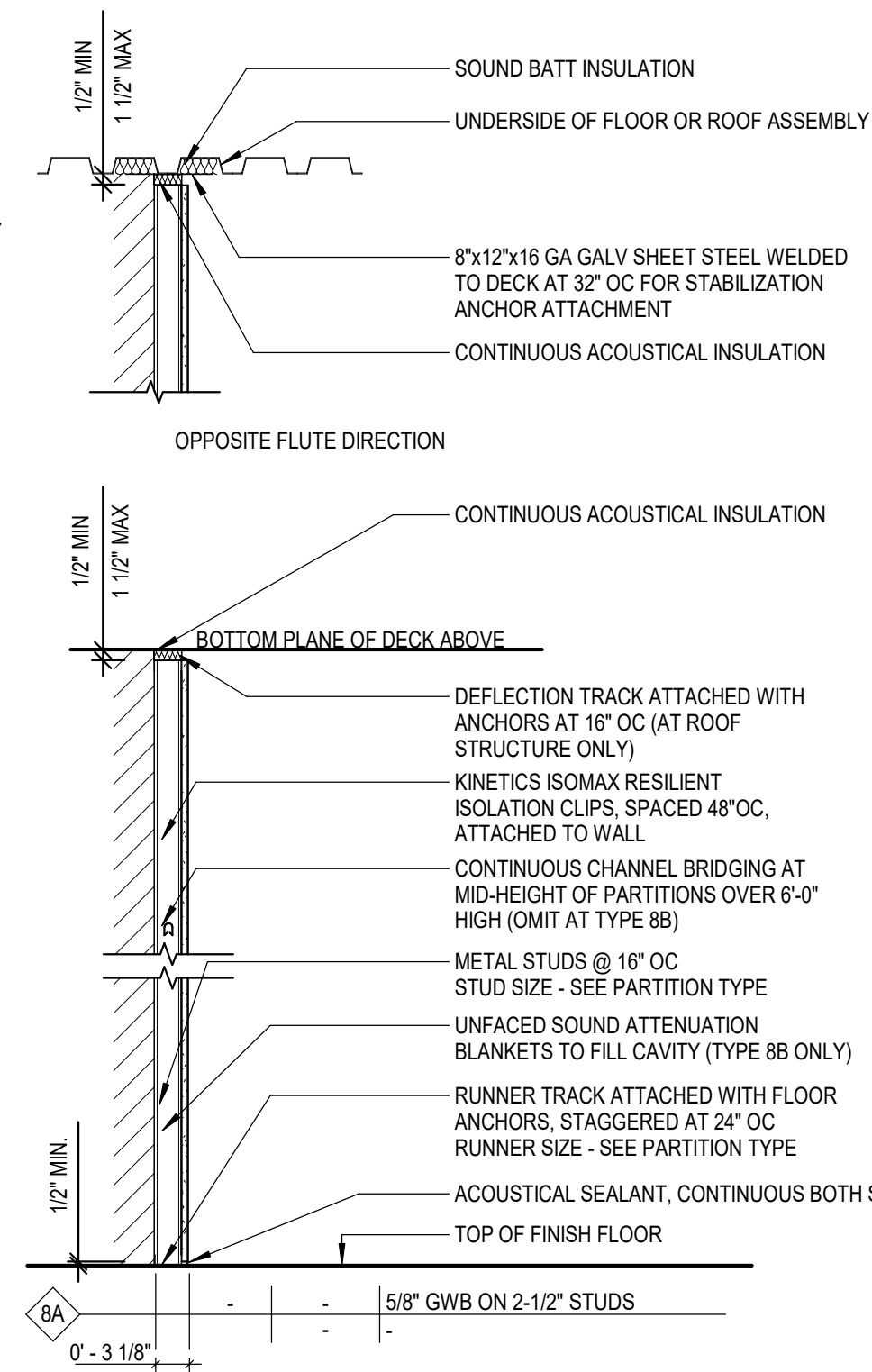
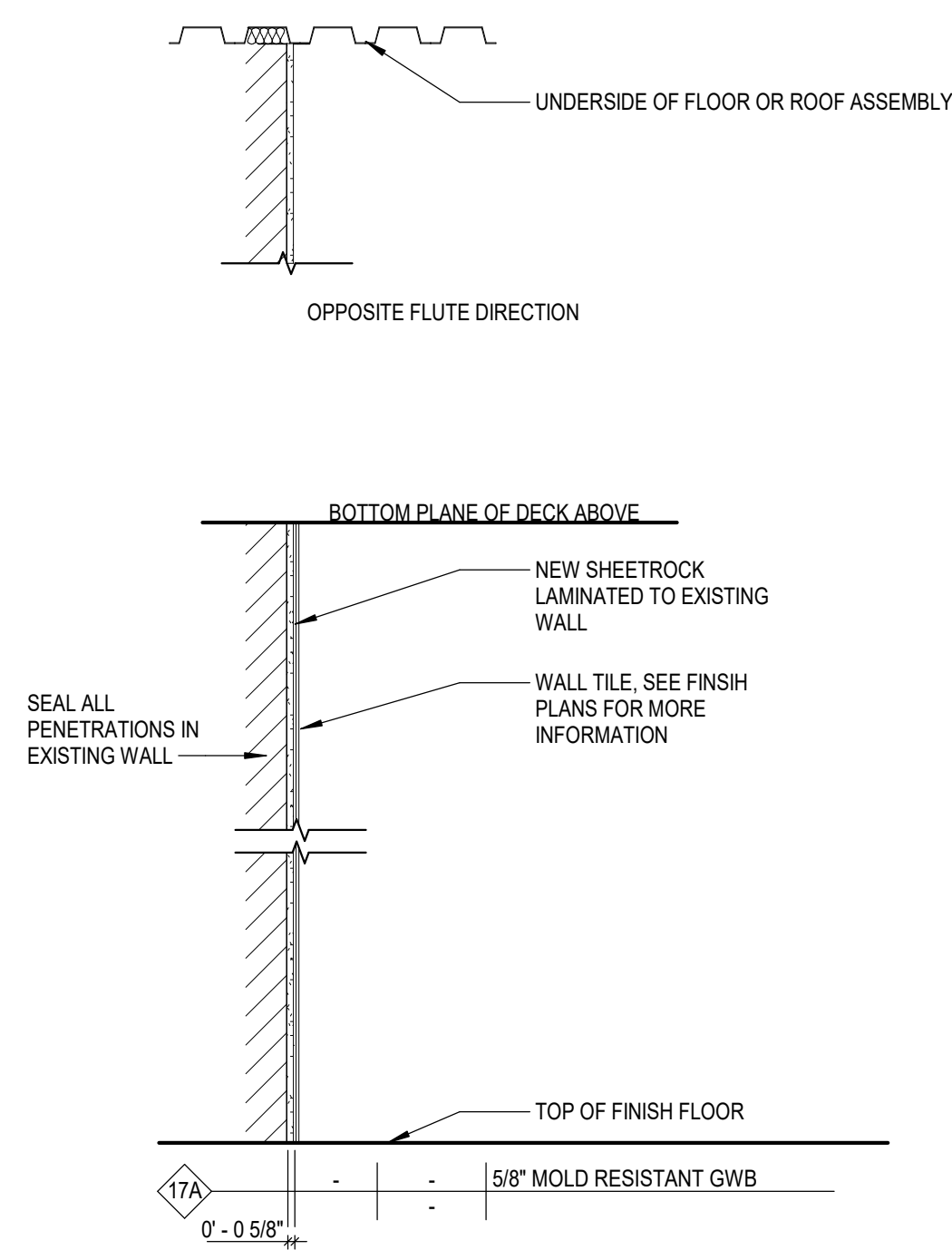
32

 $1\frac{1}{2}'' = 1'-0''$

(31)

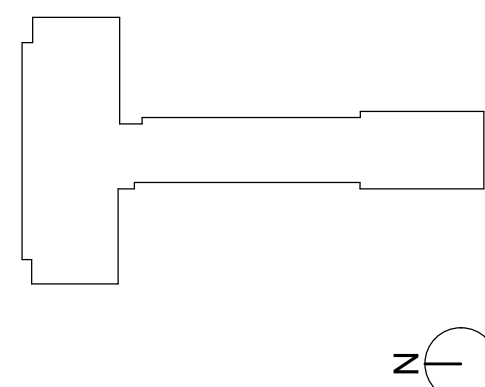
$$\overline{1\ 1/2'' = 1'-0''}$$

30



SEAL	
BID SET	01/03/2023
ISSUE	DAT

KEY PLAN



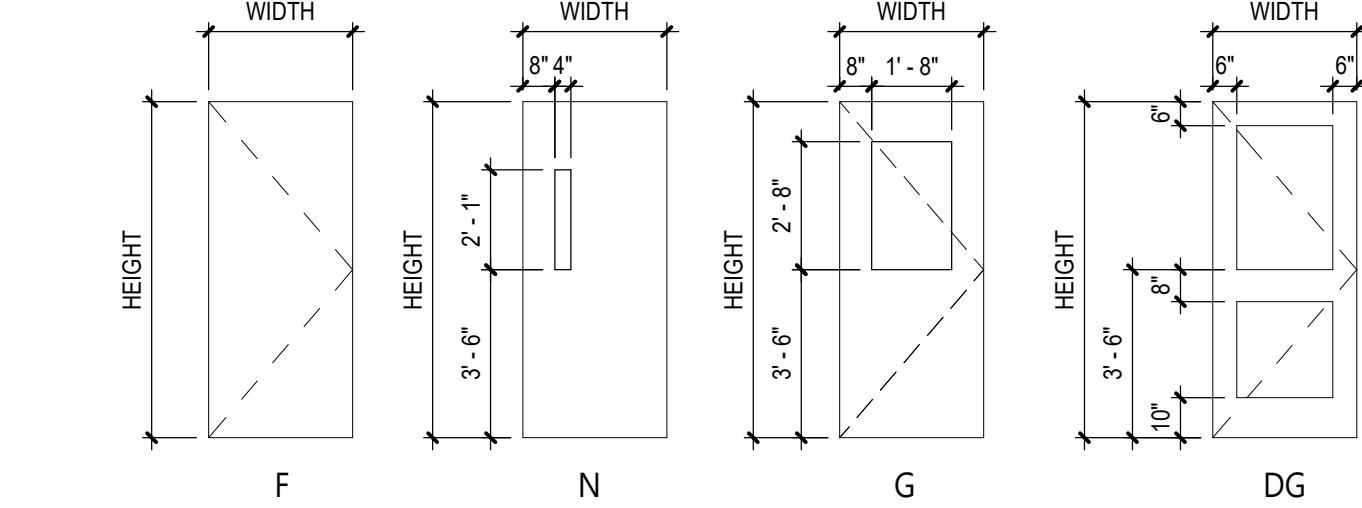
SED PROJECT NO.	66-03-01-03-0-001-02
MEMASI PROJECT NO.	102-220

AH A701

© 2022 MEMASI. ALL RIGHTS RESERVED

SHEET NOTES

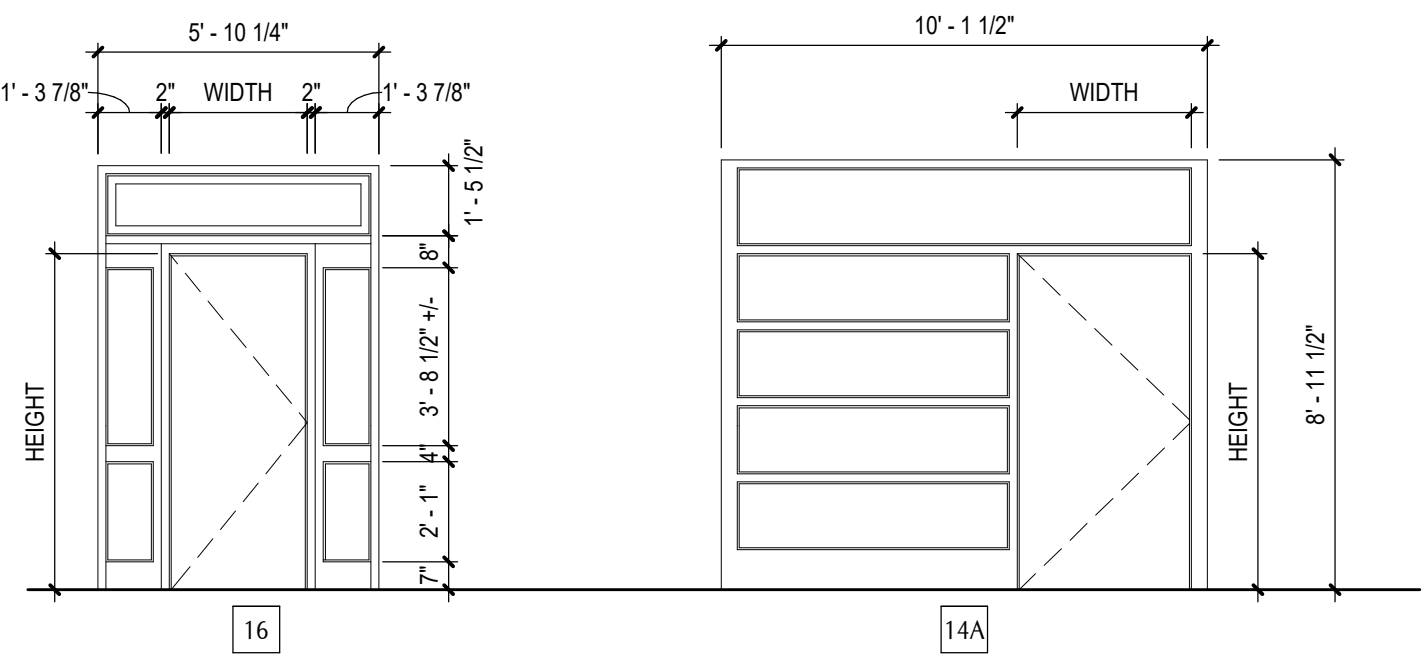
- A. DOORS THAT HAVE A FIRE RATING SHALL HAVE CORRESPONDING RATED FRAMES.
- B. AT ALL INTERSECTIONS OF DISSIMILAR FLOORING MATERIALS, PROVIDE APPROPRIATE TRANSITION STRIPS.
- C. AT METAL JAMB STUDS ALONG EACH SIDE OF DOOR OPENINGS, PROVIDE METAL STUD BRACING TO STRUCTURE ABOVE. BRACE'S SHALL BE 3/8"x20 GA STUD.
- D. AT ALL DISSIMILAR CARPET TO CARPET INTERSECTIONS, PROVIDE APPROPRIATE TRANSITION STRIP.
- E. ALL DOOR FRAMES TO BE PAINTED COLOR TO MATCH WALL UNLESS OTHERWISE NOTED.
- F. EXISTING METAL HOLLOW FRAMES TO REMAIN SHALL BE SANDED DOWN TO METAL WHILE PROTECTING THE UL MARKING TO REMAIN INTACT AND READABLE. FOR SMALL ROUND HOLES USE STEEL FASTENERS AND GROUND DOWN THE HEAD TO BE SMOOTH WITH THE FRAME. PROVIDE STEEL PLATES MATCHING THE HOLLOW METAL FRAME GAUGE FOR ABANDONED HARDWARE CUTOUTS OR OTHER OPENINGS. PROTECT THE UL MARKING. PRIME AND PAINT THE HOLLOW METAL FRAMES.
- G. ELECTRIC STRIKES AND TRANSFER HINGES, WHERE SPECIFIED ARE TO BE SUPPLIED AND INSTALLED BY THE GC AS PART OF THEIR DOOR/HARDWARE SPECIFICATION.
- H. ALL SHELTER LOCK COMPONENTS TO BE INSTALLED BY GC. THE GC WILL INSTALL ALL LOCKSETS. THE GC WILL TURN THE REPEATERS OVER TO THE ELECTRICAL CONTRACTOR WHO WILL INSTALL AND WIRE THE REPEATERS.



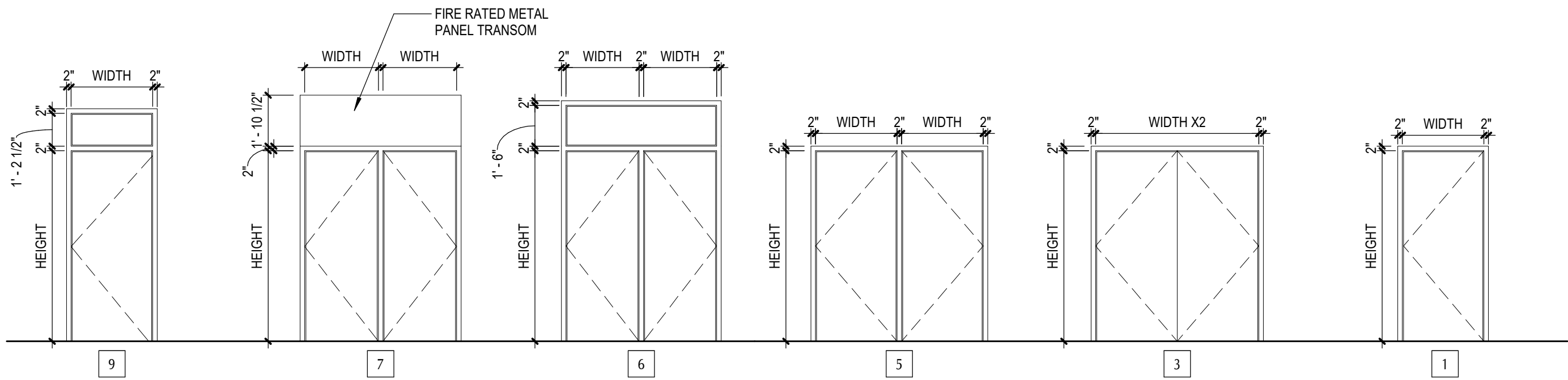
DOOR TYPES

NTS

44



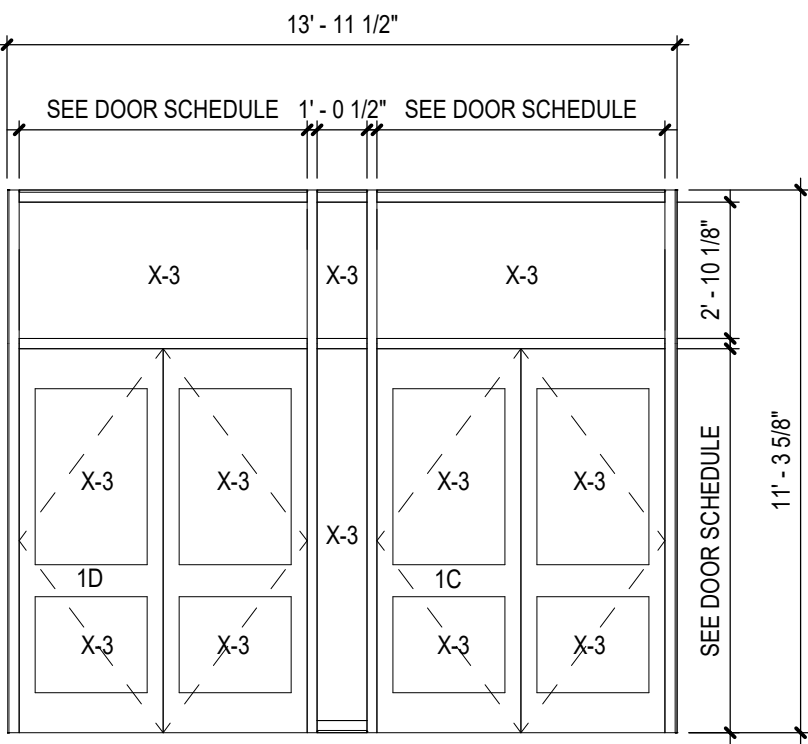
14A: 10'-1 1/2" OVERALL WIDTH X 8'-11 1/2" OVERALL HEIGHT
14B: 8'-10 1/2" OVERALL WIDTH X 8'-11 1/2" OVERALL HEIGHT
14C: 9'-6" OVERALL WIDTH X 8'-11 1/2" OVERALL HEIGHT
15A: 11'-2 1/4" OVERALL WIDTH X 8'-9" OVERALL HEIGHT



FRAME TYPES

NTS

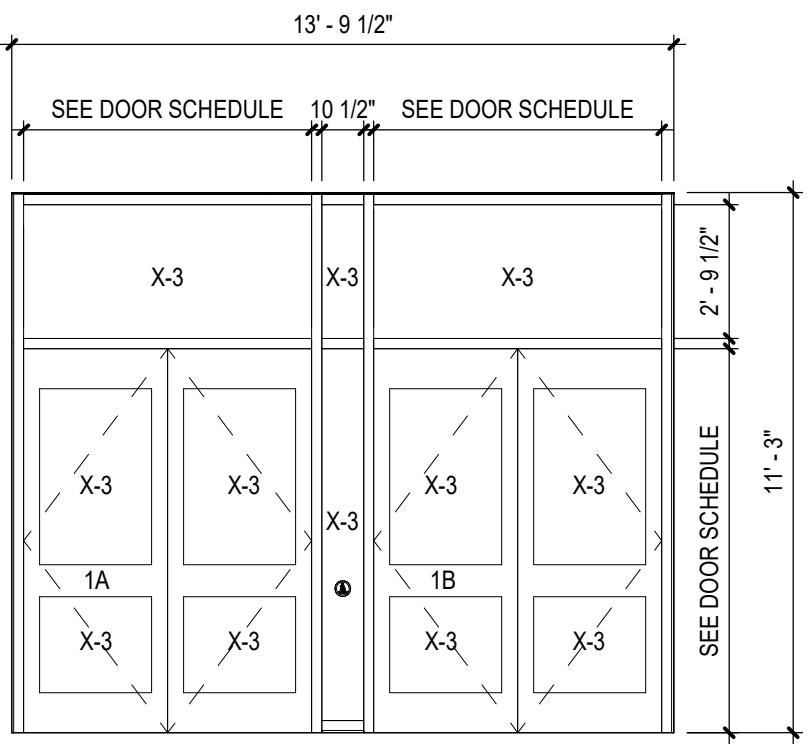
23



S2 ELEVATION

1/4" = 1'-0"

14



S1 ELEVATION

1/4" = 1'-0"

13

GLAZING TYPES

- X-1 VISION GLASS
- X-2 SPANDREL GLASS
- X-3 SECURITY GLASS
- I-1 1 HR. FIRE PROTECTED GLASS
- I-2 TEMPERED SAFETY GLASS
- I-3 SECURITY GLASS (SHOOTER ATTACK CERTIFIED)
- I-4 1 HR. FIRE RESISTIVE GLASS
- I-5 2 HR. FIRE RESISTIVE GLASS
- I-6 1 HR. FIRE RESISTIVE SECURITY GLASS (SHOOTER ATTACK CERTIFIED)

NEW INTERIOR DOOR SCHEDULE

DOOR NUMBER	LEAF QUANTITY	DOOR										FRAME										REMARKS
		FROM		TO	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	
1M	1	227	AUDITORIUM	227A	SEC. OFFICE	2'-10"	7'-0"	1 3/4"	F	WD	FF	1	HM	PNT	12/A902	13/A902		-	-	02		
1N	1	-	STORAGE			7'-0"	7'-0"	1 3/4"	F	WD	FF	1	HM	PNT	12/A902	13/A902		-	-	02		
229	1	211	BR	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD	FF	1	HM	PNT			45	-	04.1			

NEW INTERIOR DOOR (FRAME TO REMAIN) SCHEDULE

DOOR NUMBER		LEAF QUANTITY	DOOR										FRAME										REMARKS
			FROM		TO	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	
2A	1	1	CORRIDOR	2	STAIR	3'-0"	7'-0"	1 3/4"	G	WD	FF	14B	EXIST	PNT	-	-	-	45	I-4	01	YES		
2B	1	3	CORRIDOR	2	STAIR	3'-0"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-4	01	YES		
2C	1	1	CORRIDOR		STAIR B	3'-0"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-4	01	YES		
4A	1	3	CORRIDOR	4	STAIR	3'-0"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	01	YES		
4B	1	1	CORRIDOR	-	STAIR C	3'-0"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-4	01	YES		
5	1	5	STAIR	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-4	01	YES		
101	1	1	CORRIDOR	101	STEM LAB	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
102	1	1	CORRIDOR	102	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
102C	PR	1	CORRIDOR	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	90	I-1	07	YES		
102D	2	1	CORRIDOR	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	G	WD	FF	5	EXIST	PNT	-	-	-	45	I-2	08			
103	1	1	CORRIDOR	103	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
103B	1	1	CORRIDOR	103B	OFFICE	2'-8"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	S-01		SHELTER LOCKSET	
104	1	104	CLASSROOM	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
104B	1	104B	BR	1	CORRIDOR	2'-8"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	S-01			
104D	1	104B	BR	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05.1			
105	1	105	CLASSROOM	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
106	1	1	CORRIDOR	106	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
106Q	2	126	CAFETERIA	128	OFFICE	2'-5 1/2"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	13			
106P	1	126	CAFETERIA	-	STAIR A	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	01.2			
106Q	1	126	CAFETERIA	-	STAIR A	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	01.2			
107	1	107	CLASSROOM	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
108	1	108	CLASSROOM	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
109	1	1	CORRIDOR	109	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
110	1	1	CORRIDOR	110	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
111	1	1	CORRIDOR	111	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
112	1	112	CLASSROOM	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
113	1	1	CORRIDOR	113	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
114	1	1	CORRIDOR	114	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
115	1	1	CORRIDOR	115	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
116	1	1	CORRIDOR	116	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
117	1	1	CORRIDOR	117	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
118	1	1	CORRIDOR	118	CLASSROOM	3'-0"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	04		SHELTER LOCKSET	
119	1	1	CORRIDOR	119	BR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05			
120	1	126	CAFETERIA	120	FACULTY	2'-8"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	02.1		SHELTER LOCKSET	
120A	2	126	CAFETERIA	1	CORRIDOR	2'-5 3/4"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-04	YES	SHELTER LOCKSET	
121	1	1	CORRIDOR	121	BR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	04			
121A	1	1	CORRIDOR	121	BR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05.1			
122	1	126	CAFETERIA	122	KITCHEN	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	14		SHELTER LOCKSET	
125	2	126	CAFETERIA	1	CORRIDOR	3'-0 9/32"	7'-0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-04	YES	SHELTER LOCKSET, REMOVABLE INTERMEDIATE MULLION TO BE ADDED	
125A	1	125	CUSTODIAL	126	CAFETERIA	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	07			
125B	1	1	CORRIDOR	125	HEAD CUSTODIAN	2'-8"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	S-01.1			
127A	1	-	JAN	126	CAFETERIA	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	03.1			
129	1	129	OFFICE	126	CAFETERIA	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	02.2			
130	2	130	STORAGE	126	CAFETERIA	2'-6"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	-	I-2	06			
130A	1	126	CAFETERIA	130	STORAGE	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	-	I-2	03			
201	1	201	CLASSROOM	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
202	1	202	CLASSROOM	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
203	1	203	CLASSROOM	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
204	1	3	CORRIDOR	204	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
205	1	3	CORRIDOR	205	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
206	1	3	CORRIDOR	206	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
207	1	3	CORRIDOR	207	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
208	1	208	CLASSROOM	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
208B	1	1	CORRIDOR	1	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	-	S-01.4	YES		SHELTER LOCKSET, MAGNETIC HOLD DOOR OPENER	
209	1	3	CORRIDOR	209	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
210	1	3	CORRIDOR	210	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
212	1	3	CORRIDOR	212	BR	3'-1 1/2"	6'-8"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	04			
212A	1	212	BR	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05.1			
213	1	3	CORRIDOR	213	OFFICE	2'-8"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
214	1	1	CORRIDOR	214	ASSISTANT PRINCIPAL	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
215	1	1	CORRIDOR	215	BR	2'-8"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	04			
215A	1	215	BR	1	CORRIDOR	3'-0"	6'-10 1/2"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05.1			
218	1	1	CORRIDOR	218	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
218C	1	1	CORRIDOR	218C	CL CLOSET	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	03.1			
218C	1	1	CORRIDOR	214A	VESTIBULE	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	04		SHELTER LOCKSET	
219	1	1	CORRIDOR	219	NURSE	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
220	1	1	CORRIDOR	220	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
220A	1	1	CORRIDOR	220A	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
221	1	1	CORRIDOR	221	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
221A	1	1	CORRIDOR	221	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
222	1	1	CORRIDOR	222	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
223	1	1	CORRIDOR	223	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.1		SHELTER LOCKSET	
224	1	1	CORRIDOR	224	COUNSELOR	2'-7 1/2"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
225	2	1	CORRIDOR	225	CLASSROOM	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-02		SHELTER LOCKSET, REMOVABLE INTERMEDIATE MULLION TO BE ADDED, ACOUSTICALLY RATED DOOR STC 50 MIN.	
226	1	1	CORRIDOR	226	COUNSELOR	2'-7 1/2"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01		SHELTER LOCKSET	
227	1	211	BR	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05.1			
227A	2	1	1	CORRIDOR	3	CORRIDOR	3'-0"	7'-0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-04		SHELTER LOCKSET, REMOVABLE INTERMEDIATE MULLION TO BE ADDED, EXIT DEVICE
227B	1	1	CORRIDOR	1	CORRIDOR	3'-8 1/2"	7'-0"	1 3/4"	F	WD	FF	-	EXIST										

2022 CAPITAL BOND PROJECT
PHASE 2

ARCHITECT

2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

MEP CONSULTANT

STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP

ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204
PELHAM, NY 10803
914.693.0221

- NEW CONSTRUCTION NOTES – PIPING:

1. ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
2. DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
3. CONDENSATE DRAIN (CD) AND CONDENSATE PUMP DISCHARGE (PD) PIPING SHALL BE RIGID COPPER, TYPE L, MINIMUM 3/4" NOMINAL PIPE SIZE, BRAZED OR SOLDERED, WITH 1" INSULATION, UNLESS OTHERWISE NOTED ON DRAWINGS.


$$\overline{1/8'' = 1'-0''}$$

$$\underline{1/8'' = 1'-0''}$$

$$\overline{1/8'' = 1'-0''}$$

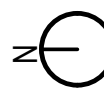
$$1/8" = 1'-0"$$


1/8" = 1'-0"

SEAL

BID SET	01/03/2020
ISSUE	DAT

KEY PLAN



SED PROJECT NO.	66-03-01-03-0-001-02
MEMASI PROJECT NO.	102-220

AH M101

© 2022 MEMASI. ALL RIGHTS RESERVED

U:\223030829\0_WORKING_FILES\00_MEP\02_CAD\PHASE_2_BUPSD_VESTIBULES SHEETS\AH\223030829_AH_0001.DWG 12/27/2022 1:56 AM Reis, Jeremy

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT

MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

MEP CONSULTANT

STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE. #204
PELHAM, NY 10803
914.693.0221

VENTILATION SCHEDULE

AIR HANDLING SYSTEM DATA			ROOM DATA					OUTSIDE VENTILATION AIRFLOW REQUIRED PER THE 2020 NEW YORK STATE MECHANICAL CODE - SECTION 403						OUTSIDE VENTILATION AIRFLOW REQUIRED PER THE NYSED 1998 MANUAL OF PLANNING STANDARDS - SECTION S606-3-A			
AIR HANDLING SYSTEM DESIGNATION	DESIGN SUPPLY AIRFLOW (CFM)	DESIGN OUTSIDE VENTILATION AIRFLOW (CFM)	ROOM NUMBER	ROOM NAME	FLOOR AREA	NUMBER OF PEOPLE	DESIGN SUPPLY AIRFLOW (CFM)	DESIGN MINIMUM OUTSIDE VENTILATION AIRFLOW (CFM)	OUTSIDE VENTILATION AIRFLOW PER PERSON (CFM / PERSON)	OUTSIDE VENTILATION AIRFLOW PER SQUARE FOOT (CFM / SF)	ZONE AIR DISTRIBUTION EFFECTIVENESS	ROOM OUTSIDE VENTILATION AIRFLOW (CFM)	ROOM DESIGN OUTSIDE VENTILATION AIRFLOW MEETS OR EXCEEDS CODE REQUIREMENT (YES / NO)	OUTSIDE VENTILATION AIRFLOW PER PERSON (CFM / PERSON)	OUTSIDE VENTILATION AIRFLOW PER SQUARE FOOT (CFM / SF)	ROOM OUTSIDE VENTILATION AIRFLOW (CFM)	ROOM DESIGN OUTSIDE VENTILATION AIRFLOW MEETS OR EXCEEDS NYSED REQUIREMENT (YES / NO)
FCU-AH-1	200	15	221A	SECURITY OFFICE	51	1	200	15	5	0.06	0.8	10	YES	15	0.00	15	YES

FAN COIL UNIT SCHEDULE

DESIGNATION	CONFIGUR- ATION	AIR CONNECTIONS			SUPPLY FAN DATA										COILS				CHILLED WATER (OR DUAL TEMP) COIL COOLING DATA										HOT WATER (OR DUAL TEMP) COIL HEATING DATA										ELECTRICAL DATA										FILTER PRE- FILTER	UNIT OVERALL DIMENSIONS	WEIGHT (LBS)	MANUFAC- TURER	MODEL	REMARKS						
		SUPPLY	RETURN	OUTSIDE AIR	SUPPLY AIRFLOW (CFM)	MIN. OUTSIDE AIRFLOW (CFM)	ESP (IN WC)	NO. OF MOTORS	HP (PER MOTOR)	BHP (PER MOTOR)	FAN TYPE	DRIVE TYPE	STARTER TYPE	STARTER LOCATION	STEAM	CHILLED WATER	HOT WATER	DUAL TEMP HOT & CHILLED	FLUID	TOT. MBH	SENS. MBH	GPM	E.W.T. (°F)	L.W.T. (°F)	E.A.T. DB (°F)	E.A.T. WB (°F)	L.A.T. DB (°F)	L.A.T. WB (°F)	W.P.D. (FT-WC)	FLUID	MBH	GPM	E.W.T. (°F)	L.W.T. (°F)	E.A.T. (°F)	L.A.T. (°F)	W.P.D. (FT-WC)	HEATING MBH	STEAM PRESSURE (PSIG)	STEAM FLOW (LBS/HR)	E.A.T. (°F)	L.A.T. (°F)	VOLTS	PH	Hz	MCA	MOP	DISCONNECT												
																																																BY E.C OR MANUF.							LOCATION	TYPE	ENCL. TYPE	PWR. (Y/N)		
FCU-AH-1	HORIZONTAL CONCEALED	FRONT DUCT COLLAR	REAR DUCT COLLAR	TOP DUCT COLLAR	200	15	0.30	1	0.13	0.05	CENTRI- FUGAL	DIRECT	ECM	AT MOTOR	1-ROW	-	-	3-ROW	WATER	5.5	4.6	0.9	44	56	80	67	59	57	1.8	WATER	9.2	0.9	140	120	55	97	1.8	10.8	2	9.4	55	105	120	1	60	2.8	15	MANUF.	UNIT MTD.	NON- FUSED	NEMA1	N	1" MERV-13	33	25	10	81	TRANE	FC-C-B-020	SEE NOTES BELOW
FCU-AH-2	HORIZONTAL CONCEALED	FRONT DUCT COLLAR	REAR DUCT COLLAR	-	600	-	0.30	1	0.22	0.21	CENTRI- FUGAL	DIRECT	ECM	AT MOTOR	1-ROW	-	-	3-ROW	WATER	16.4	14.0	2.7	44	56	80	67	58	56	3.8	WATER	27.3	2.7	140	120	55	97	3.8	26.9	2	23.3	55	96	120	1	60	3.9	15	MANUF.	UNIT MTD.	NON- FUSED	NEMA1	N	1" MERV-13	47	25	10	139	TRANE	FC-C-B-060	SEE NOTES BELOW

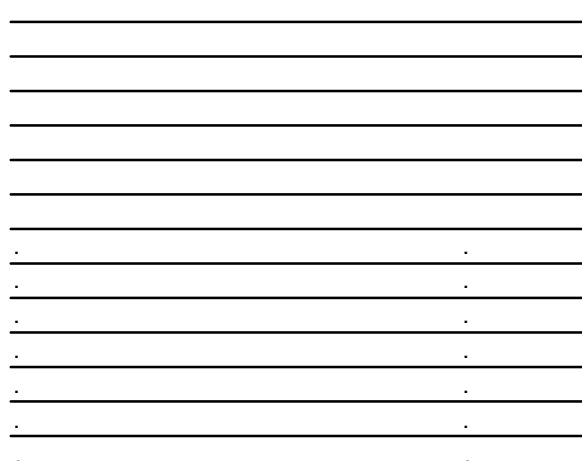
- NOTES:
- PROVIDE THE FOLLOWING FACTORY SUPPLIED FEATURES AND OPTIONS FOR ALL UNITS WITH OUTSIDE AIR INTAKE CONNECTIONS:
1.1. 2-POSITION OUTSIDE AIR MOTORIZED DAMPER AND ACTUATOR, "OPEN" POSITION FIELD ADJUSTIBLE FROM 0-50%.
 - PROVIDE THE FOLLOWING FACTORY SUPPLIED FEATURES AND OPTIONS FOR ALL FLOOR-MOUNTED UNITS:
2.2. SUB-BASE, 4" HIGH.
 - PROVIDE THE FOLLOWING FIELD SUPPLIED OPTIONS FOR ALL UNITS:
3.1. AUTOMATIC TEMPERATURE CONTROLS SUB-CONTRACTOR TO FURNISH AND FIELD-INSTALL BMS CONTROLS, CONTROL VALVES, AND CONTROL WIRING.

REGISTER, GRILLE, AND DIFFUSER SCHEDULE

DESIGNATION	SERVICE	TYPE	NOMINAL OVERALL DIMENSION (IN)	NECK SIZE (IN)	CFM RANGE	CONFIGURATION	BORDER TYPE	MATERIAL OF CONSTRUCTION	EQUALIZING GRID IN NECK	OPPOSED BLADE DAMPER IN NECK	FILTER RACK	FINISH COLOR	MANUFACTURER	MODEL	REMARKS
CD-A	SUPPLY	CEILING DIFFUSER	24x24	6"DIA	0-100	PLAQUE-STYLE, 4-WAY THROW	LAY-IN	STEEL	YES	NO	NO	WHITE	TITUS	OMNI	SEE NOTES BELOW
				8"DIA	101-175										
				10"DIA	176-350										
				12"DIA	351-550										
				24x12 WI ADAPTER TO 6"DIA	0-100										
RR-A	RETURN	CEILING OR SIDEWALL REGISTER	24x12, 24x24, OR AS NOTED ON PLAN	24x12 WI ADAPTER TO 8"DIA	101-175	LOUVERED FACE, 1/2" BLADE SPACING, 35° FIXED DEFLECTION	LAY-IN OR SURFACE MOUNTED	STEEL	NO	ONLY IF REGISTER IS MOUNTED TO EXPOSED SPIRAL DUCT	NO	WHITE	TITUS	355RL	SEE NOTES BELOW
				24x12 WI ADAPTER TO 10"DIA	176-350										
				24x12 WI ADAPTER TO 12"DIA	351-550										
				24x12	551-1000										
				24x24	1001-2000										
				6"DIA (CONNECTION TO FACTORY PLENUM)	0-100										
LD-A	SUPPLY	LINEAR DIFFUSER	(1) 2.5" WIDE SLOT, LENGTHS AS NOTED ON PLAN	8"DIA (CONNECTION TO FACTORY PLENUM)	101-175	CONTINUOUS SLOT LINEAR DIFFUSER WITH "JET-THROW" PATTERN CONTROLLER FOR DISCHARGE PERPENDICULAR TO MOUNTING SURFACE	LAY-IN BORDER, TITUS "TYPE 11" BORDER WITH 3/4" FLANGE, "UHC" UPPER HANGER CLIP	ALUMINUM	NO	NO	NO	WHITE FLANGES, BLACK PATTERN CONTROLLER & VISIBLE INTERNAL SURFACES, WHITE PLENUMS	TITUS	FL-JT-25	SEE NOTES BELOW
				10"DIA (CONNECTION TO FACTORY PLENUM)	176-350										
				12"DIA (CONNECTION TO FACTORY PLENUM)	351-600										

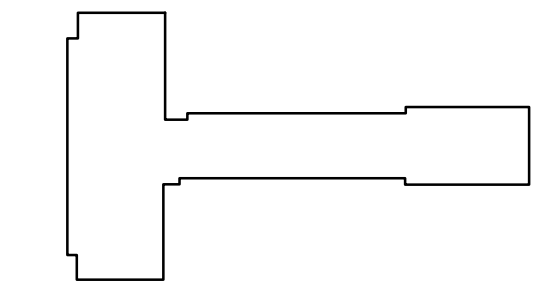
- NOTES:
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
 - ALL FINISH COLORS ARE SUBJECT TO APPROVAL BY THE ARCHITECT. SUBMIT COLOR CHART FOR REVIEW.
 - COORDINATE BORDER TYPES WITH ARCHITECTURAL CEILING SPECIFICATIONS.
 - RR-A:
4.1. PROVIDE FACTORY FURNISHED SQUARE-TO-ROUND ADAPTER FOR EACH REGISTER, MATTE BLACK FINISH FOR INTERNAL SURFACES.
 - LD-A, LD-B:
5.1. ALL ACTIVE SUPPLY, EXHAUST, AND RETURN (DUCTED) SECTIONS SHALL BE PROVIDED WITH FACTORY FURNISHED ACOUSTICALLY LINED 2', 3', OR 4' LONG "FPBI" PLENUMS WITHSIDE INLET CONNECTIONS.
 - 5.2. ALL ACTIVE RETURN (CEILING PLENUM) SECTIONS SHALL BE PROVIDED WITH RETURN HOOD LIGHT SHIELDS, LENGTHS AS SHOWN ON PLANS.
 - 5.3. INACTIVE PORTIONS WITHOUT PLENUMS OR LIGHT SHIELDS SHALL BE BLANKED OFF, MATTE BLACK FINISH FOR VISIBLE SURFACES.
 - 5.4. PROVIDE "FMBCC" MITERED CORNERS, FACTORY BLANKED, 6"x6".
 - 5.5. PROVIDE FACTORY END CAPS.

SEAL



BID SET 01/03/2023
ISSUE DATE

KEY PLAN



SED PROJECT NO. 66-03-01-03-0-001-022
MEMASI PROJECT NO. 102-2202

SCHEDULES

AH M201

© 2022 MEMASI. ALL RIGHTS RESERVED.

2022 CAPITAL BOND PROJECT
PHASE 2

ARCHITECT

2 LYON PLACE

SITE - CIVIL CONSULTANT

STRUCTURAL CONSULTANT

MEP CONSULTANT

SECURITY CONSULTANT

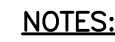
HAZARDOUS MATERIALS CONSULTANT

ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

LIGHTING CONSULTANT



N.T.S.



1. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WITH COOLING COILS (4-PIPE PAN COIL UNIT WITH HOT AND CHILLED WATER COILS, 2-PIPE PAN COIL UNIT WITH A DUAL-TEMPERATURE HOT/CHILLED WATER COIL, ETC.).
2. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WHICH ARE INTENDED FOR HEATING ONLY SERVICE, BUT WILL BE CONNECTED TO DUAL-TEMPERATURE HOT/CHILLED WATER PIPING (2-PIPE CABINET UNIT HEATERS WITH HOT WATER COIL, ETC.). THE DRIP PAN AND LEAK DETECTOR WILL BE UTILIZED AS A BACKUP TO BMS CONTROLS PROGRAMMED TO CLOSE THE CONTROL VALVE WHENEVER CHILLED WATER IS BEING CIRCULATED.

N.T.S.



KEY PLAN



© 2022 MEMASI. ALL RIGHTS RESERVED

\\US0574PFSS01\SHARED_PROJECTS\22030829\0_WORKING_FILES\02_VESTIBULES_SHEETS\AH\22030829_AH_E001.DWG
1/29/2022 8:04 AM Batstone, Joseph

ELECTRICAL SYMBOL LIST	
(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)	
SYMBOL	DESCRIPTION
	20A, 125V DECORA STYLE DUPLEX RECEPTACLE - FLUSH WALL MOUNTED
	20A, 125V DECORA STYLE QUADRUPLX RECEPTACLE - FLUSH WALL MOUNTED
	20A, 125V DECORA STYLE GFCI TYPE DUPLEX RECEPTACLE - FLUSH WALL MOUNTED
	20A, 125V GFCI TYPE WEATHER RESISTANT DUPLEX RECEPTACLE IN WEATHER PROOF ENCLOSURE
	20A, 125V DECORA STYLE DUPLEX RECEPTACLE - CEILING MOUNTED
	SPECIAL PURPOSE RECEPTACLE - FLUSH WALL MOUNTED
	DATA OUTLET WITH 1 1/4\"/>
	CEILING MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
	FLUSH WALL MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
	FLUSH FLOOR MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
	UNFUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH - 100 AMP SWITCH, 60 AMP FUSE, UNFUSED (EXCEPT WHERE FUSE SIZE IS INDICATED), 3-POLE (EXCEPT WHERE NOTED)
	COMBINATION MOTOR CONTROLLER AND DISCONNECT SWITCH FURNISHED BY MECHANICAL CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR. COOR. LOCATION W/MECH. CONT.
	CIRCUIT BREAKER 100A FRAME/60A TRIP, 3 POLE, U.O.N. ST - SHUNT TRIP
	VARIABLE FREQUENCY DRIVE (VFD), FURNISHED BY MECHANICAL CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR. COORD. LOCATION WITH MECH. CONTRACTOR
	MOTOR
	PULLBOX, SIZED PER NEC
	DRY TYPE 480-208V TRANSFORMER DELTA-WYE WITH GROUNDED SECONDARY SIDE, U.O.N.
	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
	GROUND BAR
	2#12+1#12G-3/4\"/>
	4#12+1#12G-3/4\"/>
	6#12+1#12G-3/4\"/>
	3#12+1#12G-3/4\"/>
	CONCEALED CONDUIT
	CONDUIT TURNING UP
	CAPPED CONDUIT
	FLEXIBLE EQUIPMENT CONNECTION
	GROUND CONNECTION
	MANUAL STARTER - TOGGLE TYPE WITH THERMAL ELEMENT - 250V HP RATED, FURNISHED BY ELEC CONTRACTOR
	SECURITY DEVICE REPEATER

LIGHTING CONTROL SYMBOL LIST	
(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)	
SYMBOL	DESCRIPTION
	SINGLE POLE LINE VOLTAGE SWITCH
	KEY ACTIVATED LINE VOLTAGE SWITCH
	DUAL TECHNOLOGY OCCUPANCY SENSOR, WALL MTD.
	DUAL TECHNOLOGY VACANCY SENSOR, CEILING MTD.
	LOW VOLTAGE LIGHTING CONTROL MASTER LIGHTING CONTROL WALL STATION
	LOW VOLTAGE LIGHTING CONTROL LOCAL LIGHTING CONTROL WALL STATION (\"OR\" DENOTES VACANCY SENSOR OVERRIDE, \"K\" DENOTES KEY SWITCH)
	EXTERIOR LIGHTING PHOTOCELL

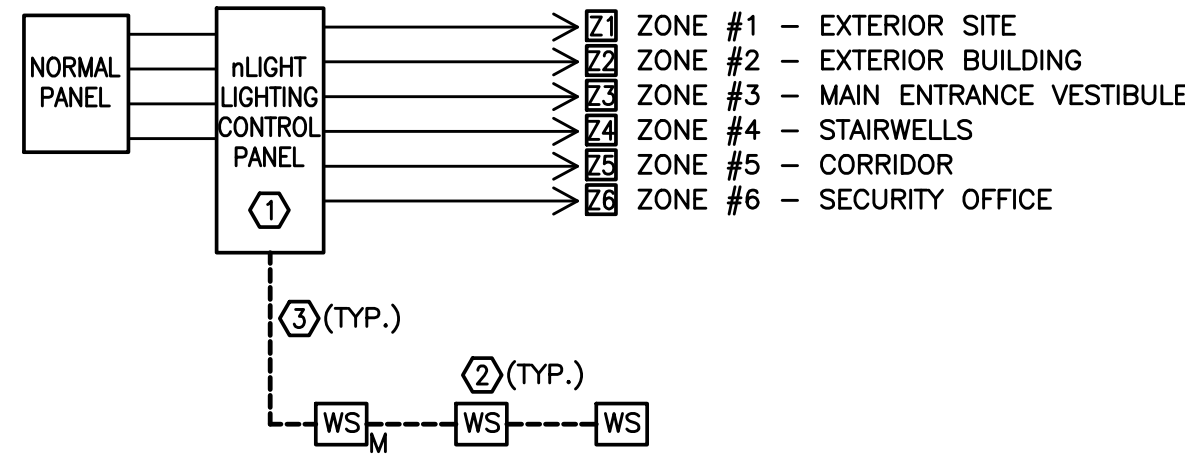
FIRE ALARM SYMBOL LIST	
(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)	
SYMBOL	DESCRIPTION
	CEILING MOUNTED ADDRESSABLE SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	COMBINATION FIRE ALARM BELL-STROBE LIGHT UNIT - FLUSH WALL MOUNTED (WITH ADJUSTABLE CANDELA RATING)
	FIRE ALARM PULL STATION
	FIRE ALARM RELAY
	FIRE ALARM REMOTE ANNUNCIATOR PANEL

LIGHTING FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	WATTAGE / CCT / LUMENS / CRI	VOLTS	NOTES
AH1	2X4 FLAT PANEL	METALUX	24FP4735C	41 / 3500K / 4591 / 80	UNV	EL14W EM PACK WHERE INDICATED
AH2	3' ROUND SURFACE	FOCAL POINT	FSDEP 3 FL 7000DN SG 35K 1C UNV LD1 SM WH	63 / 3500K / 7000 / 80	UNV	INVERTER DSPM CMIC-200-120/120
EM1	EMERGENCY LIGHT	LITHONIA	ELM4L	3W	UNV	MOUNT AT 8' AFF
X1	LED EDGE-LIT EXIT SIGN	LITHONIA	LRP 1/2 RC/RMR 120/277 EL N	2W	UNV	SHIP WITH ALL MOUNTING OPTIONS DIRECTIONAL INDICATORS PER PLANS
X2	EXIT SIGN	LITHONIA	LQM S W 3 R 120/277 EL N M6 ELA LQMUS12	1W	UNV	SHIP WITH ALL MOUNTING OPTIONS DIRECTIONAL INDICATORS PER PLANS

ELECTRICAL ABBREVIATIONS			
(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)			
A	AMPERE	KCM	THOUSAND CIRCULAR MILS
AC	ABOVE COUNTER	KV	KILOVOLT
AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT AMPERE
AHJ	AUTHORITY HAVING JURISDICTION	KW	KILOWATT
AIC	AMP INTERRUPTING CAPACITY	KWH	KILOWATT HOUR
ATS	AUTOMATIC TRANSFER SWITCH	LTG	LIGHTING
AUTO	AUTOMATIC	MAX	MAXIMUM
AWG	AMERICAN WIRE GAUGE	MCB	MAIN CIRCUIT BREAKER
BLDG	BUILDING	MCC	MOTOR CONTROL CENTER
C	CONDUIT	MIN	MINIMUM
CB	CIRCUIT BREAKER	MTD	MOUNTED
CCTV	CLOSED CIRCUIT TELEVISION	N	NEUTRAL
CKT	CIRCUIT	NIC	NOT IN CONTRACT
CO	CARBON MONOXIDE	NTS	NOT TO SCALE
COMM	COMMUNICATION	OC	ON CENTER
CT	CURRENT TRANSFORMER	P	POLE
CU	COPPER	Ø or PH	PHASE
DEG	DEGREE	PNL	PANEL
DGP	DATA GATHERING PANEL	PWR	POWER
DISC	DISCONNECT	R	RELOCATED
DN	DOWN	RECEPT	RECEPTACLE
DWG	DRAWING	TEL	TELEPHONE
E/EX	EXISTING TO REMAIN	TOS	TOP OF SHAFT
EC	ELECTRICAL CONTRACTOR	TV	TELEVISION
EM	EMERGENCY	TYP	TYPICAL
ER	EXISTING TO BE REMOVED	UON	UNLESS OTHERWISE NOTED
ERR	EXISTING TO BE REMOVED AND RELOCATED	V	VOLT OR VOLTAGE
FA	FIRE ALARM	VA	VOLT AMPERE
FACP	FIRE ALARM CONTROL PANEL	VIF	VERIFY IN FIELD
FL	FLOOR	W	WATT
FT	FEET OR FOOT	WP	WEATHERPROOF
GRD	GROUND	WT	WATERTIGHT
GFI	GROUND FAULT INTERRUPTER	XP	EXPLOSION PROOF
HID	HIGH INTENSITY DISCHARGE		
HP	HORSE POWER		
HZ	HERTZ		
JB	JUNCTION BOX		

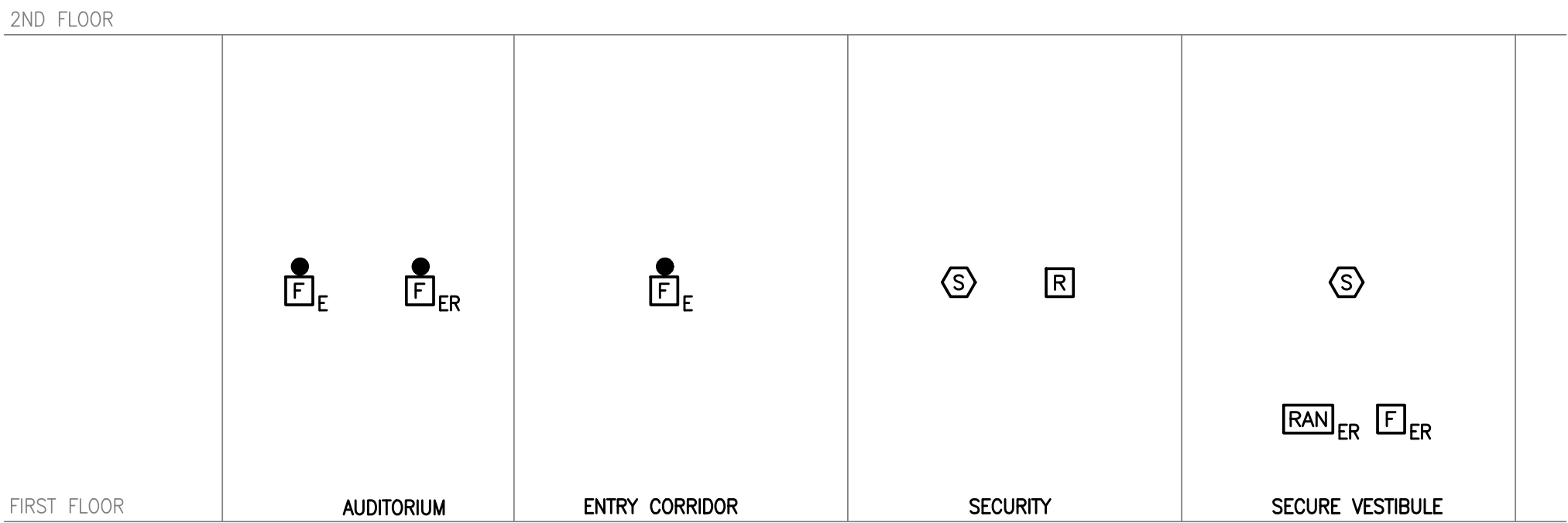
NEW YORK STATE CODES & STANDARDS	
2020 BUILDING CODE OF NEW YORK STATE 2020 FIRE CODE OF NEW YORK STATE 2020 PLUMBING CODE OF NEW YORK STATE 2020 MECHANICAL CODE OF NEW YORK STATE 2020 FUEL GAS CODE OF NEW YORK STATE 2020 NYS UNIFORM CODE SUPPLEMENT - NYS EDUCATION DEPARTMENT 1998 MANUAL OF PLANNING STANDARDS	
NEW YORK STATE ENERGY CODES	
2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE 2016 ASHRAE 90.1	
REFERENCED STANDARDS	
APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS. 2016 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS 2016 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS 2016 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION 2017 NFPA 70 - NATIONAL ELECTRICAL CODE 2016 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE	

ELECTRICAL DRAWING LIST	
Sheet Number	Sheet Title
AH E001	COVER SHEET
AH E002	ELECTRICAL GENERAL NOTES
AH E101	FIRST FLOOR VESTIBULE ELECTRICAL PARTIAL PLANS
AH E201	SITE LIGHTING PLAN
AH E301	GROUND FLOOR SECURITY DEVICE POWER PLAN
AH E302	FIRST FLOOR SECURITY DEVICE POWER PLAN
AH E601	ELECTRICAL PANEL SCHEDULES



- KEY NOTES:
- REFER TO POWER PLAN FOR LIGHTING CONTROL PANELS/LOCATIONS.
 - COORDINATE EXACT LOCATION OF ALL SWITCHES WITH OWNER/ARCHITECT IN FIELD. REFER TO ELECTRICAL LIGHTING PLAN DRAWINGS FOR QUANTITY
 - LOW VOLTAGE WIRING TYPE AS PER MANUFACTURER.

TYPICAL LIGHTING RELAY CONTROL PANEL, U.O.N
N.T.S.



PARTIAL FIRE ALARM RISER
N.T.S.

FIRE ALARM GENERAL NOTES:

- PROVIDE ALL EQUIPMENT, PROGRAMMING & WIRING REQUIRED FOR A COMPLETE CODE COMPLIANT SYSTEM.
- PROVIDE ALL FILING, PERMIT & FIRE DEPARTMENT INSPECTION FEES.
- ALL NOTIFICATION AND SIGNAL LINE CIRCUITS SHALL BE CLASS B WIRING WITHOUT T-TAPPING OF CIRCUITS.
- COORDINATE WITH THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE EXACT SEQUENCE OF OPERATIONS.
- SMOKE DETECTORS SHALL BE A MINIMUM OF 3 FEET FROM ALL SUPPLY DIFFUSERS.
- ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT WHEN RUN EXPOSED IN MECHANICAL ROOMS. PROVIDE CONDUIT CONCEALED IN WALLS UP TO ACCESSIBLE CEILING WITH INSULATING BUSHING FOR ALL WALL MOUNTED FIRE ALARM DEVICES.
- ALL FIRE ALARM EQUIPMENT SHALL BE APPROVED BY LOCAL AHJ PRIOR TO ORDERING.
- FIRE ALARM RISER IS A DIAGRAMMATIC REPRESENTATION OF THE SYSTEM. REFER TO FLOOR PLANS FOR DEVICE QUANTITY AND LOCATIONS.
- ALL FIRE ALARM CABLING SHALL BE PLENUM RATED AND MEET PATHWAY SURVIVABILITY LEVEL 2.
- ALL FIRE ALARM ANNUNCIATING DEVICES SHALL BE "RED".
- PROVIDE A CONTROL MODULE AND RELAY FOR ALL FIRE SMOKE DAMPERS. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND QUANTITIES. PROVIDE DUCT SMOKE DETECTORS TO ACTIVATE FIRE SMOKE DAMPERS AS REQUIRED.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS THAT INCLUDE MANUFACTURER'S CUT SHEETS WITH EQUIPMENT MODEL NUMBERS, BATTERY CALCULATIONS, CONDUCTOR TYPE AND SIZES, AND VOLTAGE DROP CALCULATIONS.
- REMOVE EXISTING FIRE ALARM DEVICES IN SCOPE OF WORK AREA WHERE NEW DEVICES ARE INDICATED.
- ALL NEW FIRE ALARM DEVICES SHALL BE TIED INTO EXISTING ADDRESSABLE FIRE ALARM LOOPS. PROVIDE ADDITIONAL ADDRESSABLE CARDS/AMPLIFIER/POWER SUPPLY/WIRING AND CONDUIT AS REQUIRED.

EXTERIOR LIGHTING SCHEDULE										
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	BUG Rating	Mounting Height
	1	P-G2-T4FT	Single	GLEON-SA2C-730-U-T4FT	0.912	13258	113	113	B2-U0-G3	15
	3	G1-T3	Single	GWC-SA1C-730-U-T3 Wall	0.912	6881	59	177	B1-U0-G2	11
	3	G2-T4FT	Single	GWC-SA2C-730-U-T4FT Wall	0.912	13523	113	339	B2-U0-G3	24
	1	P-G2-T3-HSS	Single	GLEON-SA2C-730-U-T3-HSS	0.912	9603	113	113	B1-U0-G2	15

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT

MEMASI

2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAQUEUA PARK, NY 11762

MEP CONSULTANT

STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

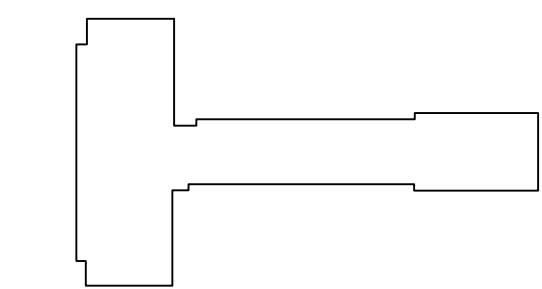
LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204
PELHAM, NY 10803
914.693.0221

SEAL

BID SET 01/03/2023
ISSUE DATE

KEY PLAN



SED PROJECT NO. 66-03-01-03-0-001-022
MEMASI PROJECT NO. 102-2202

COVER SHEET

AH E001

© 2022 MEMASI. ALL RIGHTS RESERVED.

- A. FOR EXACT ELEVATION, LOCATION, QUANTITY AND SPECIFICATIONS OF LIGHTING FIXTURES AND SWITCHES REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE WITH ARCHITECT IN THE FIELD.
- B. LIGHTING FIXTURES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH FIXTURE. CIRCUITRY MAY BE SHOWN IN CERTAIN INSTANCES.
- C. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
- D. PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDING.
- E. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.
- F. MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.
- G. ALL LIGHTING FIXTURES CONTROLLED BY DIMMER SWITCHES SHALL BE PROVIDED WITH DEDICATED NEUTRAL CONDUCTOR.
- H. ALL LIGHT FIXTURES DESIGNATED WITH "EM" SHALL BE PROVIDED WITH EMERGENCY BATTERY PACK CAPABLE OF FULL LIGHT OUTPUT FOR MINIMUM 90 MINUTES.
- I. EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELLS AND TIMECLOCKS WITH A MANUAL OVERRIDE SWITCHES LOCATED IN ELECTRICAL ROOMS.

- GENERAL
- 1.1. SEE ARCHITECTURAL DEMOLITION DRAWINGS FOR NUMBER OF LIGHTING FIXTURES AND DEVICES TO BE REMOVED AND/OR RELOCATED.
- 1.2. SEE HVAC DRAWINGS FOR HVAC EQUIPMENT TO BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT, WIRE, SWITCHES, BOXES ASSOCIATED WITH EQUIPMENT TO BE REMOVED.
- 1.3. SEE PLUMBING DRAWINGS FOR PLUMBING EQUIPMENT TO BE REMOVED.
- 1.4. FOR EQUIPMENT TO BE REMOVED DISCONNECT POWER AND REMOVED CONDUIT/WIRING BACK TO PANEL.
- 1.5. REMOVE ALL DRYWALL MOUNTED DUPLEX RECEPTACLES AND ASSOCIATED CIRCUITING. WHERE OUTLETS ARE REMOVED AND THROUGH CIRCUITING SERVE OTHER OUTLETS BEYOND THE DEMOLITION AREA, RESTORE OR MAINTAIN THROUGH CIRCUITING.
- 1.6. CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS AS REQUIRED TO BUNDLE, NEATEN, AND CLEAN UP EXISTING LOOSE CABLEING INCLUDING BUT NOT LIMITED TO LOW VOLTAGE CABLING, FIRE ALARM CABLING, MC CABLING, ETC. WHERE CEILINGS ARE EXPOSED, CONTRACTOR SHALL REINSTALL ALL EXISTING CABLING IN EMT CONDUIT AS CLOSE TO UNDERSIDE OF STRUCTURE AS POSSIBLE.
- 1.7. REMOVE ALL CLIPS AND HANGERS FROM CEILING SLAB AND REPAIR IF REQUIRED.
2. EXISTING CONDUIT
- 2.1. THIS CONTRACTOR SHALL REMOVE ALL WALL CONDUITS, BOXES, CEILING CONDUITS LEFT AFTER WALL DEMOLITION. REMOVE ALL WIRING BACK TO EXISTING PANELS.
3. EXISTING ELECTRICAL PANELS
- 3.1. CONTRACTOR SHALL USE CARE IN DISCONNECTING WIRING FROM PANELS AND CIRCUIT BREAKERS. CAREFULLY STORE ALL PANEL COVERS AS CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETE USABLE PANEL INSTALLATION.
4. EXISTING LIGHTING FIXTURES
- 4.1. REMOVE AND/OR RELOCATE LIGHTING FIXTURES AND DETERMINED IF BALLAST CONTAIN PCB. AS DIRECTED TURN OVER TO OWNER ALL FIXTURES OR DISPOSE OF THEM IN AN APPROVED MANNER. IF FIXTURES CONTAIN BALLASTS WITH PCB REMOVE BALLASTS FROM FIXTURES AND DISPOSE OF IN AN APPROVED MANNER.
- 4.2. CONTRACTOR SHALL PULL OUT ALL WIRING AND REMOVE ALL CONDUIT. FOR OVERHEAD LIGHTING CIRCUITS RUN IN CELLULAR DECK REMOVE WIRING AND PROPERLY BLANK OFF OUTLET BOXES.
- 4.3. REMOVE ALL ASSOCIATED CONDUIT, WIRE, SWITCHES, BOXES ASSOCIATED WITH EQUIPMENT TO BE REMOVED.
- 4.4. DISCONNECT POWER AND REMOVE CONDUIT/WIRING BACK TO PANEL FOR EQUIPMENT TO BE REMOVED.
5. EXISTING FIRE ALARM
- 5.1. NO EXISTING SMOKE DETECTOR, PUBLIC ADDRESS SPEAKER, FIRE ALARM BOX OR SIMILAR SERVICES INCLUDING THE ASSOCIATED WIRING SHALL BE DAMAGED DURING DEMOLITION AND SUBSEQUENT CONSTRUCTION.
- 5.2. NO ACTIVE SMOKE DETECTOR SHALL BE COVERED OR OTHERWISE RENDERED INEFFECTIVE FOR ITS INTENDED PURPOSE.
- 5.3. ALL ACTIVE SMOKE DETECTION, PUBLIC ADDRESS AND FIRE ALARM SYSTEM SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION, ANY DAMAGES TO THESE SYSTEMS AS A RESULT OF CONSTRUCTION, SHALL BE REPAIRED BY THE CONTRACTOR IMMEDIATELY. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND CONSTRUCTION MANAGER.
- 5.4. DURING DEMOLITION WORK CONTRACTOR IS TO PROTECT FIRE ALARM DEVICES AGAINST DUST AND OTHER PARTICLES.
6. TEMPORARY LIGHTING AND POWER
- 6.1. FURNISH AND INSTALL WIRING FOR ADEQUATE LIGHT AND SMALL POWER TOOLS FOR THE PROJECT.
- 6.2. MAINTAIN THE SYSTEM IN GOOD AND ADEQUATE WORKING CONDITIONS AT ALL TIMES.
- 6.3. FURNISH AND INSTALL ALL LAMPS, BREAKERS, AND FUSING, AS IS NECESSARY.
- 6.4. REPLACE BURNED OUT LAMPS, DEFECTIVE BREAKERS, OR BLOWN FUSES.
- 6.5. TEMPORARY MAINTENANCE FOR THE ABOVE SHALL BE BASED ON OPERATION 1/2 HOUR BEFORE START OF FIRST TRADE THROUGH 1/2 HOUR AFTER END OF LAST TRADE NORMAL WORK DAY.
- 6.6. TEMPORARY LIGHT AND POWER SHALL BE INSTALLED IN ACCORDANCE WITH CODES AND AUTHORITIES HAVING JURISDICTION

- A. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS AND ARCHITECT IN FIELD FOR EXACT LOCATION, QUANTITY AND ELEVATION OF POWER AND TELEPHONE/DATA OUTLETS PRIOR TO INSTALLATION.
- B. RECEIPTABLES SHALL BE CERTIFIED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH DEVICE. CIRCUMPLY MAY BE SHOWN IN CERTAIN INSTANCES.
- C. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD, TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.
- D. EXACT LOCATIONS FOR ALL MECHANICAL EQUIPMENT SHALL BE DETERMINED FROM THE MECHANICAL DRAWINGS. COORDINATE WITH MECHANICAL CONTRACTOR IN FIELD.
- E. WHERE APPLICABLE, RUN 1" EMPTY CONDUIT TO NEAREST ACCESSIBLE HUNG CEILING WITH GROMMET END FITTINGS FOR TELEPHONE/DATA & PROVIDE DRAG LINES FOR PULLING CABLE.
- F. COORDINATE THE HARDWARE REQUIREMENTS FOR THE DOORS WITH THE ARCHITECT & SECURITY CONSULTANT PRIOR TO INSTALLATION (ELECTRIC HINGES, CARD READERS, ELECTRIC STRIKES, MECHANICAL SWITCHES, POWER SUPPLIES, ETC.) PROVIDE A BACKBOX WITH 1" CONDUIT WITH DRAG LINES STUBBED UP ABOVE CEILING FOR ALL LOW VOLTAGE DEVICES SUCH AS CARD READERS, MAGNETIC LOCKS, ELECTRIC LOCKSET, ELECTRIC STRIKE, ETC.
- G. ALL BRANCH CIRCUIT HOME RUNS SHALL BE #212 & #1212 GND IN 3/4" CONDUIT OR MC CABLE IN LOCATIONS PERMITTED PER PROJECT SPECIFICATIONS TO PANEL & CIRCUIT INDICATED. MAXIMUM OF THREE HOME RUNS PER CONDUIT.
- H. MULTIRITE BRANCH CIRCUITS SUPPLYING POWER TO FURNITURE PARTITIONS SHALL BE PROVIDED WITH MEANS TO DISCONNECT POWER SIMULTANEOUSLY.
- I. ELECTRICAL CONTRACTOR SHALL PROVIDE A BACKBOX AND 1" EMPTY CONDUIT WITH DRAG LINE FOR ALL IN-WALL WIRED KEYPADS AND TOUCHSCREENS.
- J. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS, PLUMBING DRAWINGS, AND COORDINATE WITH MECHANICAL CONTRACTOR AND PLUMBING CONTRACTOR FOR EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT. PROVIDE DISCONNECT SWITCHES AND CIRCUITING SIZED PER THEIR EQUIPMENT SPECIFICATIONS. HEAT TRACE CIRCUITS SHALL BE PROTECTED BY 30ma GROUND FAULT TYPE CIRCUIT BREAKERS. PROVIDE (3) FIRE ALARM MONITOR MODULES FOR EACH HEAT TRACE CONTROLLER SERVING SPRINKLER PIPES. PROVIDE (4) MONITOR MODULES FOR EACH DRY PIPE COMPRESSOR.
- K. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH AUDIO/VISUAL, TELECOM, AND SECURITY DRAWINGS AND CONTRACTORS FOR ANY ADDITIONAL BACKBOX, CONDUIT, AND POWER REQUIREMENTS.
- L. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE VOLTAGE, PHASE, AND HORSEPOWER OF ALL ELECTRICAL EQUIPMENT PURCHASED AND SUPPLIED TO THE SITE. ELECTRICAL CONTRACTOR SHALL SUPPLY FUSES OR CIRCUIT BREAKERS PER MANUFACTURER'S RECOMMENDATIONS WHERE NECESSARY.
- M. ELECTRICAL CONTRACTOR SHALL PROVIDE A COMPLETE TYPEWRITTEN PANEL SCHEDULE DIRECTORY IN ANY PANEL UNDERGOING WORK AT PROJECT COMPLETION OF ALL CIRCUITS UTILIZED, IDENTIFYING THE LOADS THAT THEY ARE SERVING.
- N. ALL JUNCTION BOXES AND DISCONNECT SWITCH LOCATIONS SHALL BE COORDINATED IN THE FIELD. JUNCTION BOXES AND DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ABOVE CEILINGS SHALL BE INSTALLED SO THAT THEY ARE ACCESSIBLE FROM ACCESS PANELS. COORDINATE WITH MECHANICAL CONTRACTOR.
- O. ELECTRICAL CONTRACTOR SHALL INSTALL ALL STARTERS, AND VARIABLE FREQUENCY DRIVES (FURNISHED BY MECHANICAL CONTRACTOR) AND PROVIDE CONDUIT AND WIRING TO AND FROM STARTERS AND VFDs TO MECHANICAL EQUIPMENT AND/OR ITS ASSOCIATED DISCONNECT SWITCHES. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS AND REQUIREMENTS.

1. ELECTRICAL CONTRACTOR SHALL REFER TO IT/AN/SECURITY DRAWINGS AND COORDINATE WITH IT/AN/SECURITY CONSULTANT/VENDOR AND ARCHITECT/INTERIOR DESIGNER TO PROVIDE THE FOLLOWING:
 - 1.1. SERVICE ENTRANCE CONDUITS AND CONDUIT BETWEEN MDF AND IDF ROOMS – TYPE, SIZE, QUANTITY, SPACING AND ROUTING
 - 1.2. BACKBOXES – TYPE, SIZE, HEIGHT, AND LOCATIONS.
 - 1.3. EQUIPMENT RACKS – TERMINATION TYPE AND POWER REQUIREMENTS.
 - 1.4. ELECTRICAL DEVICES – PUG TYPE, SIZE, HEIGHT, LOCATION AND FACEPLATE
2. PROVIDE ALL CIRCUITS REQUIRED FOR HEAD END EQUIPMENT. COORDINATE EXACT RECEPTACLE TYPES WITH EQUIPMENT TO BE POWERED.

ANNE HUTCHINSON
ELEMENTARY SCHOOL

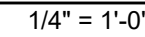
LYON PLACE
WHITE PLAINS, NY 10601
14.915.9519
EMASIDESIGN.COM

STRUCTURAL CONSULTANT
 REILLY TARANTINO ENGINEERING
 1000 PARK BLVD., SUITE 209
 MASSAPEQUA PARK, NY 11762

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
92 BEDFORD STREET
RIDGEWATER, MA 02324

WSP
ONE PENN PLAZA
50 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

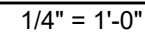
GOLDSTICK LIGHTING DESIGN
29 FIFTH AVE, #204
ELHAM, NY 10803
14.693.0221



2. CUT BACK AND REMOVE EXISTING WIRING FOR DEMOLISHED ELECTRICAL EQUIPMENT BACK TO SOURCE. WHERE WIRING SERVES EXISTING ELECTRICAL EQUIPMENT TO REMAIN CUT BACK AND REMOVE EXISTING WIRING TO ASSOCIATED EQUIPMENT SPLICE BOX.

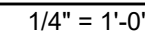
3. REMOVE EXISTING LINE VOLTAGE KEY SWITCHES AND EXTEND/MODIFY EXISTING CONDUIT AND WIRE THROUGH LIGHTING CONTROL PANEL LOCATED AT THE

3. REFER TO SECURITY DRAWINGS FOR SCOPE PERTAINING TO EXISTING SECURITY DEVICES, EQUIPMENT, AND ASSOCIATED WIRING AND RACEWAYS TO BE DEMOLISHED AND OR TEMPORARILY REMOVED AND RELOCATED.



EXISTING 120/208V, 3 ϕ , 4W, 225A, 30-POLE PANEL TO BE REPLACED WITH A 120/208V, 3 ϕ , 4W, 225A, 54-POLE PANEL. EXTEND/MODIFY EXISTING FEEDER TO PANEL..

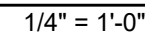
1 LIGHTING CONTROL PANEL WITH SIXTEEN RELAYS. ACCUTY BRANDS nLIGHT
#ARP-INTENCO-NLT-16SPR



FOR MOTORIZED FIRE SHUTTER PROVIDE CONNECTION TO FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF THE AREA SMOKE DETECTORS LOCATED AT EACH SIDE OF THE SHUTTER.

REFER TO SECURITY DRAWINGS FOR SCOPE PERTAINING TO SECURITY DEVICES AND EQUIPMENT, ASSOCIATED WIRING AND RACEWAYS AND NECESSARY POWER REQUIREMENTS. ALLOW FOR SURFACE MOUNTED RACEWAYS FOR ALL SECURITY WIRING. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH SECURITY DRAWINGS FOR ALL REQUIREMENTS.

4. ALLOW FOR A SURFACE MOUNTED RACEWAY (WIREMOLD 2000 SERIES) FOR I.T. CABLING TO I.T. CLOSET. EXACT LOCATION OF CLOSET TO BE COORDINATED WITH END USER.
5. REFER TO ARCHITECTURAL ELEVATIONS FOR RECEPTACLE LAYOUT AT SECURITY OFFICE.
6. REFER TO MECHANICAL ROOM PLAN (THIS DRAWING) FOR LOCATION OF PANEL "PRL-1A".



REFER TO DRAWING E-001 FOR LIGHTING FIXTURE SCHEDULE.

ALL LIGHTING FIXTURES IN HALLWAY SHALL CIRCUIT TO EXISTING AREA. LIGHTING CIRCUIT SAVED FROM DEMOLITION. CIRCUITS ARE SHOWN WITH "A" ADJACENT TO LIGHTING FIXTURE AND ARE FOR REFERENCE ONLY AND SHALL BE COORDINATED IN THE FIELD.

FIXTURES DESIGNATED AS EMERGENCY (EM) SHALL ILLUMINATE FOR MINIMUM 90 MINUTES UPON LOSS OF UTILITY POWER. LOCATE TEST SWITCH ADJACENT TO FIXTURE, IF NOT INTEGRAL.

CIRCUIT EMERGENCY LIGHTS AND EXIT SIGNS TO NEAREST LIGHTING CIRCUIT AHEAD OF SWITCHING.

LOCATE REMOTE EMERGENCY DRIVERS AND LIGHTING INVERTERS AT MECHANICAL ROOM ABOVE.

PROVIDE AN UN-SWITCHED HOT LEG FOR EMERGENCY LIGHTING FIXTURES WITH INTEGRAL EMERGENCY BATTERY PACKS.

1. PER 2020 ECCOYS, OCCUPANCY/VACANCY SENSORS SHALL AUTOMATICALLY TURN OFF LIGHTS 20 MINUTES AFTER SPACE IS UNOCCUPIED.
2. CLASSROOMS, OFFICES – MANUAL ON, VACANCY SENSORS AUTO OFF. MANUAL OVERRIDE CONTROLS FOR ON/OFF, DIM UP, DIM DOWN.
3. CORRIDORS/CIRCULATION/VESTIBLES – TIME SCHEDULE DURING OCCUPIED HOURS, AUTO ON/OFF VIA OCCUPANCY SENSOR AFTER HOURS. ELECTRICAL CONTRACTOR SHALL PROVIDE MASTER LIGHTING CONTROL STATION IN SECURE OFFICE. NEW LIGHTING CONTROL PANEL AND MASTER LIGHTING CONTROL STATION SHALL CONTROL THE EXISTING ZONES CONTROLLED BY THE EXISTING REMOVED KEY SWITCHES IN THE ENTRY VESTIBULE.
4. TOILET ROOMS – AUTO ON/OFF VIA OCCUPANCY SENSOR.
5. EXTERIOR BUILDING-MOUNTED FIXTURES: DUSK TO DAWN CONTROL. MOTION SENSORS WHERE SPECIFIED.
6. POST-TOP PARKING LOT FIXTURES: DUSK TO DAWN CONTROL.

- ① MASTER LIGHTING CONTROL STATION FOR BUILDING AND SITE. CONNECT AND INTEGRATE TO LIGHTING RELAY PANEL. PROGRAMMABLE TIME SCHEDULES FOR EACH CONTROL ZONE AND MANUAL ON/OFF OVERRIDE. OCCUPANCY SENSOR AUTO ON/OFF OUTSIDE OF SCHEDULED OCCUPIED HOURS. LOCKABLE WITH PASSCODE. CONTROL ZONES:
 1. EXTERIOR SITE
 2. EXTERIOR BUILDING
 3. MAIN ENTRANCE VESTIBULE, STAIRWELLS, CORRIDORS
- ② PROVIDE LOW VOLTAGE WIRING FROM AREA VACANCY SENSORS AND WALL STATIONS BACK TO LIGHTING CONTROL PANEL LOCATED IN THE MECHANICAL ROOM ABOVE.
- ③ LIGHTING FIXTURE CIRCUIT WIRING SHALL WIRE THROUGH LIGHTING CONTROL PANEL LOCATED AT MECHANICAL ROOM ABOVE.

KEY PLAN



FIRST FLOOR VESTIBULE ELECTRICAL PARTIAL PLANS

© 2022 MEMASI. ALL RIGHTS RESERVED

2022 CAPITAL BOND PROJECT PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT

LYON PLACE
WHITE PLAINS, NY 10601
14.915.9519
EMASIDESIGN.COM

ITE - CIVIL CONSULTANT

THE LA GROUP
79 GRAHAM ROAD
HACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

EP CONSULTANT

STANTEC
100 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
92 BEDFORD STREET
RIDGewater, MA 02324

HAZARDOUS MATERIALS CONSULTANT

VSP

NE PENN PLAZA
50 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
29 FIFTH AVE, #204
ELHAM, NY 10803
14.693.0221


$$1/16'' = 1'-0''$$

ELECTRICAL POWER PLAN NOTES:

1. REFER TO SECURITY DRAWINGS FOR SCOPE PERTAINING TO SECURITY DEVICES, EQUIPMENT, ASSOCIATED WIRING AND RACEWAYS, AND NECESSARY POWER REQUIREMENTS. ALLOW FOR SURFACE MOUNTED RACEWAYS FOR ALL SECURITY AND POWER WIRING.
2. FURNISH AND INSTALL A 20A CEILING MOUNTED DUPLEX RECEPTACLE ADJACENT TO EACH SECURITY REPEATER WHERE LOCATED OUTSIDE OF I.T. CLOSET.
3. FURNISH AND INSTALL A 20A WALL MOUNTED DUPLEX RECEPTACLE FOR EACH SECURITY REPEATER LOCATED WITHIN THE I.T. CLOSET.
4. FURNISH AND INSTALL A 20A WALL MOUNTED DUPLEX RECEPTACLE FOR EACH ACCESS CONTROL PANEL WITHIN THE I.T. CLOSET.
5. ALL POWER AND SECURITY WIRING SHALL BE RAN IN SURFACE MOUNTED RACEWAYS

EAL

BID SET

1/03/20:

ISSUE

DA7

KEY PLAN



ED PROJECT NO

6-03-01-03-0-001-0

EMASI PROJECT NO.

02-22

AH E301

© 2022 MEMASI. ALL RIGHTS RESERVED

12/29/2022 8:07 AM Bastione, Joseph
\\US0575-PFSS01\SHARED_PROJECTS\223030829\D_WORKING_FILES\00_MEP\02_CAD\PHASE 2_EUFSO_VESTIBULES\SHEETS\AH\223030829_AH_E301.DWG

2022 CAPITAL BOND PROJECT
PHASE 2

ARCHITECT

2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

STRUCTURAL CONSULTANT

MEP CONSULTANT

SECURITY CONSULTANT

HAZARDOUS MATERIALS CONSULTANT

LIGHTING CONSULTANT



1/16" = 1'-0"

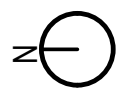
ELECTRICAL POWER PLAN NOTES:

1. REFER TO SECURITY DRAWINGS FOR SCOPE PERTAINING TO SECURITY DEVICES, EQUIPMENT, ASSOCIATED WIRING AND RACEWAYS, AND NECESSARY POWER SUPPLIES. PROVIDE SURFACE MOUNTED RACEWAYS FOR ALL SECURITY AND POWER WIRING.
2. FURNISH AND INSTALL A 20A CEILING MOUNTED DUPLEX RECEPTACLE ADJACENT TO EACH SECURITY REPEATER WHERE LOCATED OUTSIDE OF I.T. CLOSET.
3. FURNISH AND INSTALL A 20A WALL MOUNTED DUPLEX RECEPTACLE FOR EACH SECURITY REPEATER LOCATED WITHIN THE I.T. CLOSET.
4. FURNISH AND INSTALL A 20A WALL MOUNTED DUPLEX RECEPTACLE FOR EACH ACCESS CONTROL PANEL WITHIN THE I.T. CLOSET.
5. ALL POWER AND SECURITY WIRING SHALL BE RAN IN SURFACE MOUNTED RACEWAYS

SEAL

BID SET	01/03/2023
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	66-03-01-03-0-001-022
MEMASI PROJECT NO.	102-2202

AH E302

© 2022 MEMASI. ALL RIGHTS RESERVED.

12/29/2022 8:07 AM Bastone, Joseph
\\US0575-PPFSS01\SHARED_PROJECTS\223030829\D_WORKING_FILES\00_MEP\02_CAD\PHASE_2_EUFSD_VESTIBULES\SHEETS\AH\223030829_AH_E301.DWG

\\US0574PFSS01\SHARED_PROJECTS\22030829\0_WORKING_FILES\01_MEP\02_CAD\PHASE_2_ELESD_VESTIBULES_SHEETS\AH\22030829_AH_E601.DWG 12/27/2022 8:07 AM Batstone, Joseph

PANEL DESIGNATION :

PRL-1A

VOLTAGE

208Y/120 V

PHASE

3 Ø

WIRE

4 W + G

NEUTRAL

100%

SCC RATING (SYM)

22 K.A.I.C.

QUANTITY OF POLES

54

MAIN CIRCUIT BREAKER

100 A

MAIN BUS

225 A

EXISTING PANEL

FEED THROUGH LUGS

NEMA 1 ENCLOSURE

X

GROUND BUS

X

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	EXISTING	0					2
3	20A	EXISTING		0		EXISTING	20A	4
5	20A	EXISTING			0			6
7	20A	EXISTING	0					8
9	20A	EXISTING		0		EXISTING	20A	10
11	20A	EXISTING			0			12
13	20A	EXISTING	0					14
15	20A	EXISTING		0		EXISTING	20A	16
17					0			18
19			0					20
21	20A	EXISTING		0		EXISTING	20A	22
23					0			24
25			0					26
27	20A	EXISTING		0		EXISTING	20A	28
29					0			30
31	20A	FCU-AH-1	0			SPARE	20A	32
33	20A	FCU-AH-2		0		SPARE	20A	34
35	20A	MOTORIZED FIRE SHUTTER (SECURITY OFFICE)			0	SPARE	20A	36
37	20A	AUDITORIUM RECEPTACLES	0			SPARE	20A	38
39	20A	SECURITY OFFICE RECEPTACLES		0		SPARE	20A	40
41	20A	SECURITY OFFICE RECEPTACLES			0	SPARE	20A	42
43	20A	SECURITY OFFICE RECEPTACLES	0			SPARE	20A	44
45	20A	SPARE		0		SPARE	20A	46
47	20A	SPARE			0	SPARE	20A	48
49	20A	SPARE	0			SPARE	20A	50
51	20A	SPARE		0		SPARE	20A	52
53	20A	SPARE			0	SPARE	20A	54

PANEL DESIGNATION :

AH B6

VOLTAGE

208Y/120 V

PHASE

3 Ø

WIRE

4 W + G

NEUTRAL

100%

SCC RATING (SYM)

22 K.A.I.C.

QUANTITY OF POLES

12

MAIN CIRCUIT BREAKER

70 A

MAIN BUS

100 A

EXISTING PANEL

X

FEED THROUGH LUGS

NEMA 1 ENCLOSURE

X

GROUND BUS

X

REMARKS :

REPLACE INTERIORS AND COVER. MATCH CIRCUIT BREAKER RATINGS WITH EXISTING TO REMAIN CIRCUITS

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	EXISTING LOAD	0			EXISTING LOAD	20A	2
3	20A	EXISTING LOAD		0		EXISTING LOAD	20A	4
5	20A	SECURITY REPEATER			0	EXISTING LOAD	20A	6
7	20A	EXISTING LOAD	0			EXISTING LOAD	20A	8
9	20A	EXISTING LOAD		0		EXISTING LOAD	20A	10
11	20A	EXISTING LOAD			0	EXISTING LOAD	20A	12

PANEL DESIGNATION :

CP-3

VOLTAGE

208Y/120 V

PHASE

3 Ø

WIRE

4 W + G

NEUTRAL

100%

SCC RATING (SYM)

22 K.A.I.C.

QUANTITY OF POLES

42

MAIN CIRCUIT BREAKER

225 A

MAIN BUS

225 A

EXISTING PANEL

X

FEED THROUGH LUGS

NEMA 1 ENCLOSURE

X

GROUND BUS

X

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	EXISTING LOAD	0					2
3	20A	EXISTING LOAD		0		EXISTING LOAD	20A	4
5	20A	EXISTING LOAD			0			6
7	20A	EXISTING LOAD	0			EXISTING LOAD	20A	8
9	20A	EXISTING LOAD		0		EXISTING LOAD	20A	10
11	20A	EXISTING LOAD			0	EXISTING LOAD	20A	12
13	20A	EXISTING LOAD	0			EXISTING LOAD	20A	14
15	20A	EXISTING LOAD		0		EXISTING LOAD	20A	16
17	20A	EXISTING LOAD			0	EXISTING LOAD	20A	18
19	20A	EXISTING LOAD	0			EXISTING LOAD	20A	20
21	20A	EXISTING LOAD		0		EXISTING LOAD	20A	22
23	20A	EXISTING LOAD			0	EXISTING LOAD	20A	24
25	20A	EXISTING LOAD	0			EXISTING LOAD	20A	26
27	20A	EXISTING LOAD		0		EXISTING LOAD	20A	28
29	20A	EXISTING LOAD			0	EXISTING LOAD	20A	30
31	20A	EXISTING LOAD	0			EXISTING LOAD	20A	32
33	20A	EXISTING LOAD		0		EXISTING LOAD	20A	34
35	20A	EXISTING LOAD			0	EXISTING LOAD	20A	36
37	20A	EXISTING LOAD	0			EXISTING LOAD	20A	38
39	20A	EXISTING LOAD		0		SECURITY PANEL ACP	20A	40
41	20A	EXISTING LOAD			0	EXISTING LOAD	20A	42

PANEL DESIGNATION :

AH 2

VOLTAGE

208Y/120 V

PHASE

3 Ø

WIRE

4 W + G

NEUTRAL

100%

SCC RATING (SYM)

22 K.A.I.C.

QUANTITY OF POLES

36

MAIN CIRCUIT BREAKER

70 A

MAIN BUS

100 A

EXISTING PANEL

X

FEED THROUGH LUGS

NEMA 1 ENCLOSURE

X

GROUND BUS

X

REMARKS :

REPLACE INTERIORS AND COVER. MATCH CIRCUIT BREAKER RATINGS WITH EXISTING TO REMAIN CIRCUITS

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	EXISTING LOAD	0			EXISTING LOAD	20A	2
3	20A	EXISTING LOAD		0		EXISTING LOAD	20A	4
5	20A	EXISTING LOAD			0	EXISTING LOAD	20A	6
7	20A	REPEATER CORR/AUDITORIUM	0			SPARE	20A	8
9	20A	REPEATER CORR/GYM		0		SPARE	20A	10
11	20A	REPEATER CLASSROOM CORR			0	SPARE	20A	12
13	20A	EXISTING LOAD	0			EXISTING LOAD	20A	14
15	20A	EXISTING LOAD		0		EXISTING LOAD	20A	16
17	20A	EXISTING LOAD			0	EXISTING LOAD	20A	18
19	20A	EXISTING LOAD	0			EXISTING LOAD	20A	20
21	20A	EXISTING LOAD		0		EXISTING LOAD	20A	22
23	20A	EXISTING LOAD			0	EXISTING LOAD	20A	24
25	20A	EXISTING LOAD	0			EXISTING LOAD	20A	26
27	20A	EXISTING LOAD		0		EXISTING LOAD	20A	28
29	20A	SECURITY PANEL ACP			0	SPARE	20A	30
31	20A	SPARE		0		SPARE	20A	32
33	20A	SPARE			0	SPARE	20A	34
35	20A	SPARE			0	SPARE	20A	36

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT

MEMASI

2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAQUQUA PARK, NY 11762

MEP CONSULTANT

STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

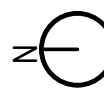
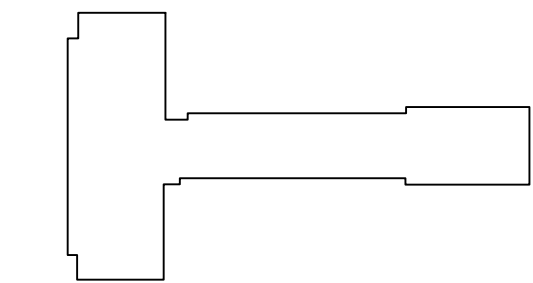
LIGHTING CONSULTANT

GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE. #204
PELHAM, NY 10803
914.693.0221

SEAL

BID SET 01/03/2023
ISSUE DATE

KEY PLAN

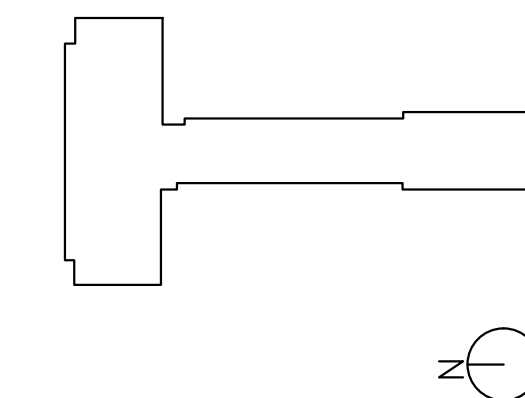


SED PROJECT NO. 66-03-01-03-0-001-022
MEMASI PROJECT NO. 102-2202

ELECTRICAL
PANEL
SCHEDULES

AH E601

© 2022 MEMASI. ALL RIGHTS RESERVED.



LEGEND AND
ABBREVIATIONS

AH TY001

SECURITY LEGEND AND ABBREVIATIONS

ABBREVIATIONS	
CL	CENTER LINE
ACS	ACCESS CONTROL SYSTEM
AFF	ABOVE FINISHED FLOOR
AIC	AMPERES INTERRUPTING CAPACITY
AF/AS	AMPERE RATING OF FUSE/SWITCH
AT/AF	AMPERE RATING OF CIRCUIT, BREAKER TRIP/FRAME
AV	AUDIO/VISUAL
BMS	BUILDING MANAGEMENT SYSTEM
CKT	CIRCUIT
CR	CARD READER
DC	DOOR CONTACT
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
EC	ELECTRICAL CONTRACTOR
ECC	ENGINEER'S CONTROL CENTER
EL	ELECTRIC LOCK
ELEV	ELEVATOR
EMT	ELECTRICAL METALLIC TUBING
ES	ELECTRIC STRIKE
FCC	FIRE CONTROL CENTER
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
IG	ISOLATED GROUND
MCP	MOTOR CIRCUIT PROTECTOR
MIC	MINERAL INSULATED CABLE
MS	MAIN SWITCHBOARD
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OPP	OPPOSITE
PVC	POLYVINYL CHLORIDE CONDUIT
RAC	RIGID ALUMINUM CONDUIT
RSC	RIGID STEEL CONDUIT
RTE	REQUEST-TO-EXIT DEVICE
SCC	SECURITY CONTROL CENTER
SDF	SECURITY DISTRIBUTION FRAME
SPDT	SINGLE POLE DOUBLE THROW
SPST	SINGLE POLE SINGLE THROW
TBD	TO BE DETERMINED
TC	TELECOMMUNICATIONS CONTRACTOR
TEL	TELECOM
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
WP	WEATHERPROOF
WT	WATERTIGHT
XP	EXPLOSION PROOF

ELECTRONIC SAFETY & SECURITY DEVICE LEGEND	
CR	CARD READER
CR L	CARD READER LOCK
DC	DOOR CONTACT
DR	DOOR RELEASE BUTTON
KP	INTRUSION SYSTEM KEYPAD
IC	INTERCOM STATION
V IC	VIDEO INTERCOM STATION
M IC	INTERCOM MASTER STATION
H	SPEAKER HORN
H	DUAL SPEAKER HORNS
MS	INFRARED MOTION SENSOR
EL	ELECTRIC LOCK
RE	REQUEST-TO-EXIT DEVICE
PAG	PAGING SYSTEM
L	LOCKDOWN INDICATOR LIGHT/STROBE
S	CEILING SPEAKER
C	CLOCK/SPEAKER
SP	WALL SPEAKER
SP EXT	EXTERIOR WALL SPEAKER
PB	PANIC BUTTON
LD	LOCKDOWN BUTTON
CB	CALL BUTTON
GB	AUDIBLE GLASS BREAK DETECTOR
WKSTN	SECURITY SYSTEM WORKSTATION
4	SECURITY CAMERA
4K	4K SECURITY CAMERA
4WA	WIDE-ANGLE SECURITY CAMERA
4180	180° SECURITY CAMERA
4EXT	EXTERIOR SECURITY CAMERA
GW	SHELTER SYSTEM GATEWAY (BY OTHERS) (1) CATEGORY 6 CABLE (BY CONTRACTOR)
RP	SHELTER SYSTEM REPEATER (BY OTHERS)
ACS	ACCESS CONTROL SYSTEM PANEL
IDS	INTRUSION DETECTION SYSTEM PANEL
XX-YYY	SECURITY CAMERA NUMBER

RACEWAY LEGEND	
-----	CONDUIT CONCEALED ABOVE CEILING OR WITHIN WALL
-----	CONDUIT BELOW GRADE OR EMBEDDED WITHIN SLAB
○	CONDUIT UP
●	CONDUIT DOWN
└	CONDUIT STUBBED OUT WITH BUSHING NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
┌	CONDUIT STUBBED OUT AND CAPPED NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
— CT —	CABLE TRAY
— S —	SECURITY SYSTEM RACEWAY NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY

EQUIPMENT DESIGNATIONS	
(E)	EXISTING DEVICE TO REMAIN
(X)	EXISTING DEVICE TO BE REMOVED
(XL)	EXISTING DEVICE TO BE REMOVED AND RELOCATED
(NL)	NEW LOCATION OF EXISTING RELOCATED DEVICE
(XR)	EXISTING DEVICE TO BE REPLACED
(N)	NEW DEVICE

DEMOLITION NOTES	
1.	SECURITY DEMOLITION WORK SHALL BE DONE BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE INDICATED. COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES REMAINING IN THE BUILDING.
2.	WHERE EXISTING OUTLETS ARE NOT TO BE REUSED, THEY SHALL BE REMOVED AND THE CABLING PULLED BACK TO ITS SOURCE AS REQUIRED BY JOB CONDITIONS. PROVIDE BLANK COVER PLATES FOR ALL REMOVED OUTLETS.
3.	REMOVE EXPOSED OR ACCESSIBLE CABLING TO EQUIPMENT OR OUTLETS TO BE REMOVED OR RELOCATED, UNLESS OTHERWISE INDICATED.
4.	CABLING INDICATED TO BE REMOVED SHALL BE REMOVED BACK TO ITS SOURCE. CONDUIT OVER UNDISTURBED CEILINGS SHALL REMAIN AND BE LABELED ABANDONED ON EACH END.
5.	BE RESPONSIBLE FOR VERIFYING THE INTEGRITY AND CONDITION OF THE EXISTING CABLING WHICH IS TO BE REUSED. CABLING FOUND TO BE NON-FUNCTIONAL SHALL BE REPLACED.
6.	COORDINATE WORK CONCERNING EXISTING EQUIPMENT AND SERVICES IN THE BUILDING. COORDINATE REQUIRED INTERRUPTIONS AND PERFORM AT TIME CONVENIENT TO OWNER. INCLUDE COSTS FOR REQUIRED PREMIUM TIME.
7.	WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT AREA OF RENOVATION. CONTRACTOR SHALL NOT ASSUME THAT AREA OF RENOVATION IS CONSIDERED THE SCOPE OF WORK AREA. ALL SECURITY SYSTEMS SHALL STAY LIVE AT ALL TIMES. COORDINATE THE REMOVAL, TEMPORARY INSTALLATION OF DEVICES AND CABLING ALONG THE PERMANENT INSTALLATION OF CABLING DEVICES WITH THE GENERAL CONTRACTOR.
8.	CONTRACTOR SHALL VISIT THE SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT MAY AFFECT WORK OF THIS SECTION. RENOVATION WORK REQUIRES CAREFUL SITE EXAMINATION BEFORE BIDDING. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS.
9.	PRIOR TO COMMENCING WORK OF THIS SECTION, EXAMINE THE SITE AND CONDITIONS UNDER WHICH WORK WILL BE PERFORMED. DETERMINE EXACT LOCATIONS OF EXISTING ITEMS. REPORT TO ENGINEER ANY CONDITIONS THAT MIGHT ADVERSELY AFFECT WORK. COMMENCEMENT OF WORK WILL BE CONSTRUED AS COMPLETE ACCEPTANCE OF EXISTING CONDITIONS AND PREPARATORY WORK.
10.	TONE, TAG AND IDENTIFY ALL WIRING BEFORE DEMOLITION.

DOOR WIRING NOTES	
1.	NO CABLES ARE TO BE INSTALLED EXPOSED. ALL CABLES ARE TO BE CONCEALED IN CONDUIT. ALL CONDUIT ARE TO BE FINISHED AND TERMINATED IN JUNCTION BOXES AND/OR DEVICE BOXES, U.O.N.
2.	ALL JUNCTION BOXES ARE TO BE PLACED ON SECURE SIDE OF DOORS.
3.	SECURITY CONTRACTOR TO PROVIDE ALL CABLING AND COORDINATION WITH ELECTRICAL CONTRACTOR FOR PROPER CONDUIT INSTALLATION.
4.	DOOR WIRING DETAILS ARE DIAGRAMMATIC ONLY. EXACT LOCATION OF SECURITY DEVICES MAY DIFFER.
5.	COORDINATE ALL SECURITY DEVICES WITH HARDWARE.

LEGEND NOTE	
THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT.	

GENERAL NOTE	
1. ALL WORK ON THE TY DRAWINGS (SECURITY) IS BY THE PRIME ELECTRICAL CONTRACTOR. ANY REFERENCES TO "SECURITY VENDOR" ARE FOR THE ELECTRICAL CONTRACTOR'S SECURITY SUBCONTRACTOR.	

SECURITY NOTES	
1.	THE DRAWINGS AND SPECIFICATIONS INDICATE THE INTENT OF THE DESIGN AND SHALL BE CONSIDERED AS DIAGRAMMATIC ONLY. EXACT LOCATIONS FOR SECURITY DEVICES AND EQUIPMENT SHALL BE DETERMINED AT THE SITE BY THE SECURITY VENDOR. AS WORK PROGRESSES, DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.
2.	REFER TO SECURITY SPECIFICATIONS 28 01 00.
3.	USE ONLY PRODUCTS LISTED FOR THEIR INTENDED USE BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), EXCEPT THOSE TYPES OF PRODUCTS FOR WHICH NO RELEVANT STANDARDS EXIST.
4.	PROVIDE FIRE STOPPING FOR ALL SLEEVE, CONDUIT AND CABLE TRAY PENETRATIONS THROUGH RATED PARTITIONS OR FLOORS IN ACCORDANCE WITH THE CODE AND SPECIFICATIONS.
5.	WALL MOUNTED DEVICES SHALL BE WIRED VIA 1" RIGID METAL CONDUIT WITHIN WALL TO THE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE SPECIFIED.
6.	ALL CONDUITS, BACK BOXES AND PLASTER RINGS WILL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. SECURITY CONTRACTOR SHALL COORDINATE AND VERIFY THE DEVICE LOCATIONS BY REFERRING TO THE ARCHITECTURAL DRAWINGS AND DETAILS.
7.	ELECTRICAL AND MECHANICAL DEVICES SHOWN ON THESE DRAWINGS ARE FOR REFERENCE PURPOSES ONLY UNLESS OTHERWISE SPECIFIED. SEE MEP DRAWINGS FOR DETAILS AND LOCATION OF ALL SUCH EQUIPMENT.
8.	GROUND ALL EQUIPMENT RACKS, FRAMES, CABLE TRAYS, CABLE LADDERS AND OTHER PERMANENT SUPPORTS WITH #6 AWG (MIN), STRANDED, GREEN, INSULATED, COPPER WIRE AND MECHANICAL COMPRESSION LUGS.
9.	LABEL ALL CLOSETS, RACKS, CABINETS, CABLES, CABLE SUPPORTS, ETC. IN ACCORDANCE WITH ANSI/TIA/EIA-606-A.
10.	SECURITY DEVICES SHALL BE U.L. LISTED. CABLES FOR DEVICES SHALL BE WIRED TO THE SAME CLOSET THAT SERVES THE REST OF THE FLOOR.
11.	MOUNTING HEIGHTS SHALL BE AS INDICATED ON ARCHITECTURAL DRAWINGS.
12.	DEVICES THAT ARE INDICATED AS EXISTING AT DOORS SHALL REMAIN. CABLING TO BE REUSED AT THE DEVICES. ALL CABLING TO BE TONED, TAGGED, IDENTIFIED AND LABELED AT BOTH ENDS. EXISTING CABLING SHALL BE WIRED INTO NEW ACS OR IDS PANELS.
13.	ALL SHELTER LOCK COMPONENTS WILL BE PURCHASED BY GENERAL CONTRACTOR. THE GENERAL CONTRACTOR WILL INSTALL ALL LOCKSETS. THE GENERAL CONTRACTOR WILL TURN THE REPEATERS OVER TO THE ELECTRICAL CONTRACTOR WHO WILL INSTALL THE WIRE AND THE REPEATERS.
14.	ALL SECURITY (ACCESS CONTROL, VIDEO SURVEILLANCE AND INTRUSION DETECTION) AND SHELTER SYSTEM WIRING WILL BE ROUGHED ABOVE ACOUSTIC CEILING GRID. IN AREAS WHERE THERE IS EXISTING ASBESTOS CEILING PLASTER, THE CONTRACTOR WILL MOUNT NEW SECURITY AND SHELTER SYSTEM WIRING IN NEW WIREMOLD JUST BELOW THE PLASTER CEILING. DEVICES AND CAMERAS IN THESE ASBESTOS LOCATIONS WILL BE WALL MOUNTED WITH 10 LINEAR FEET OF SLACK COILED FOR RELOCATION ABOVE THE CEILING IN A FUTURE PHASE.

DRAWING LIST	
AH TY001	LEGEND AND ABBREVIATIONS
AH TY101	GROUND FLOOR PLAN
AH TY102	FIRST FLOOR PLAN
AH TY201	ENLARGED PLANS
AH TY301	RISER DIAGRAMS
AH TY401	DETAILS

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT
PHASE 2

ANNE HUTCHINSON
ELEMENTARY SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT
THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850

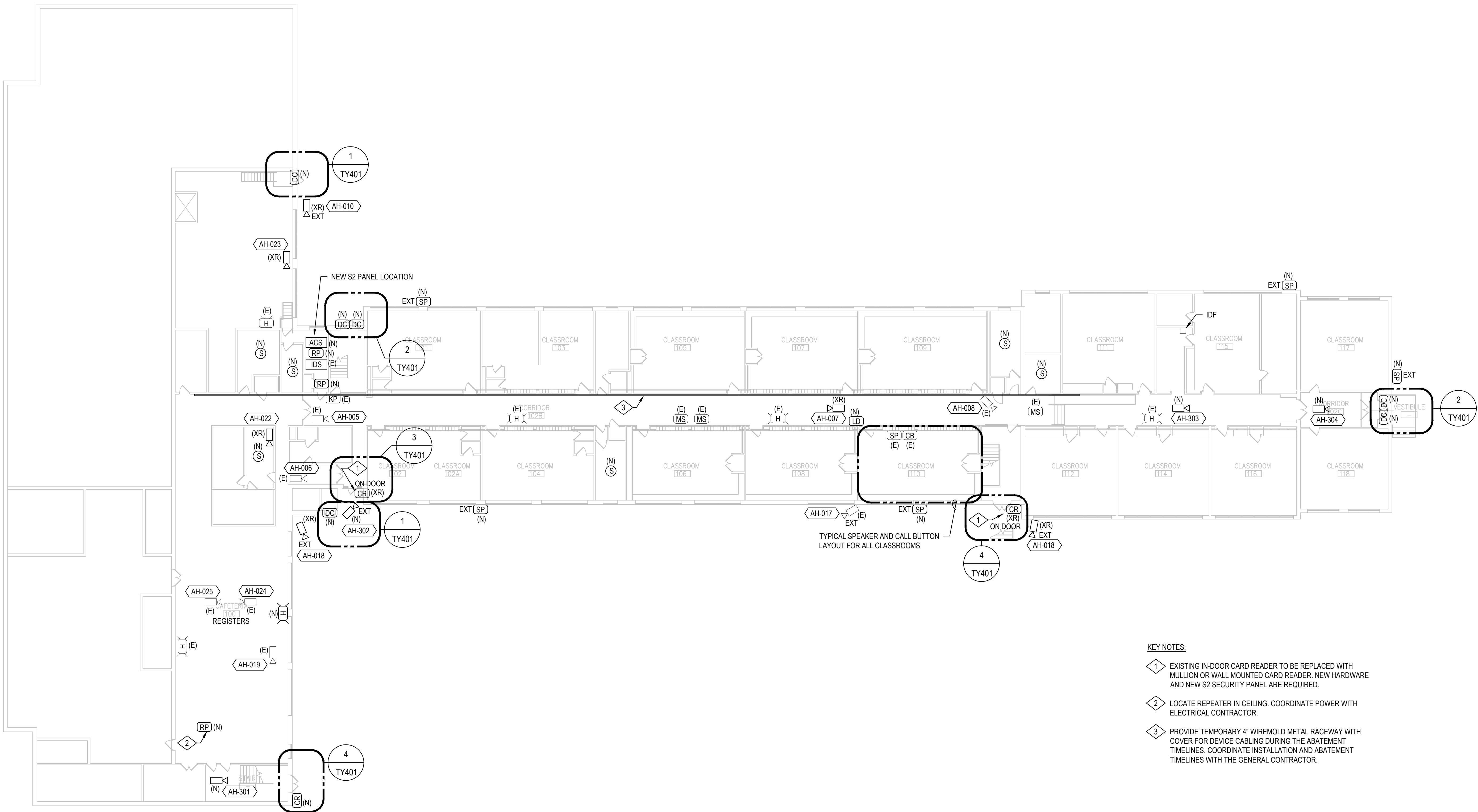
STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209
MASSAPEQUA PARK, NY 11762

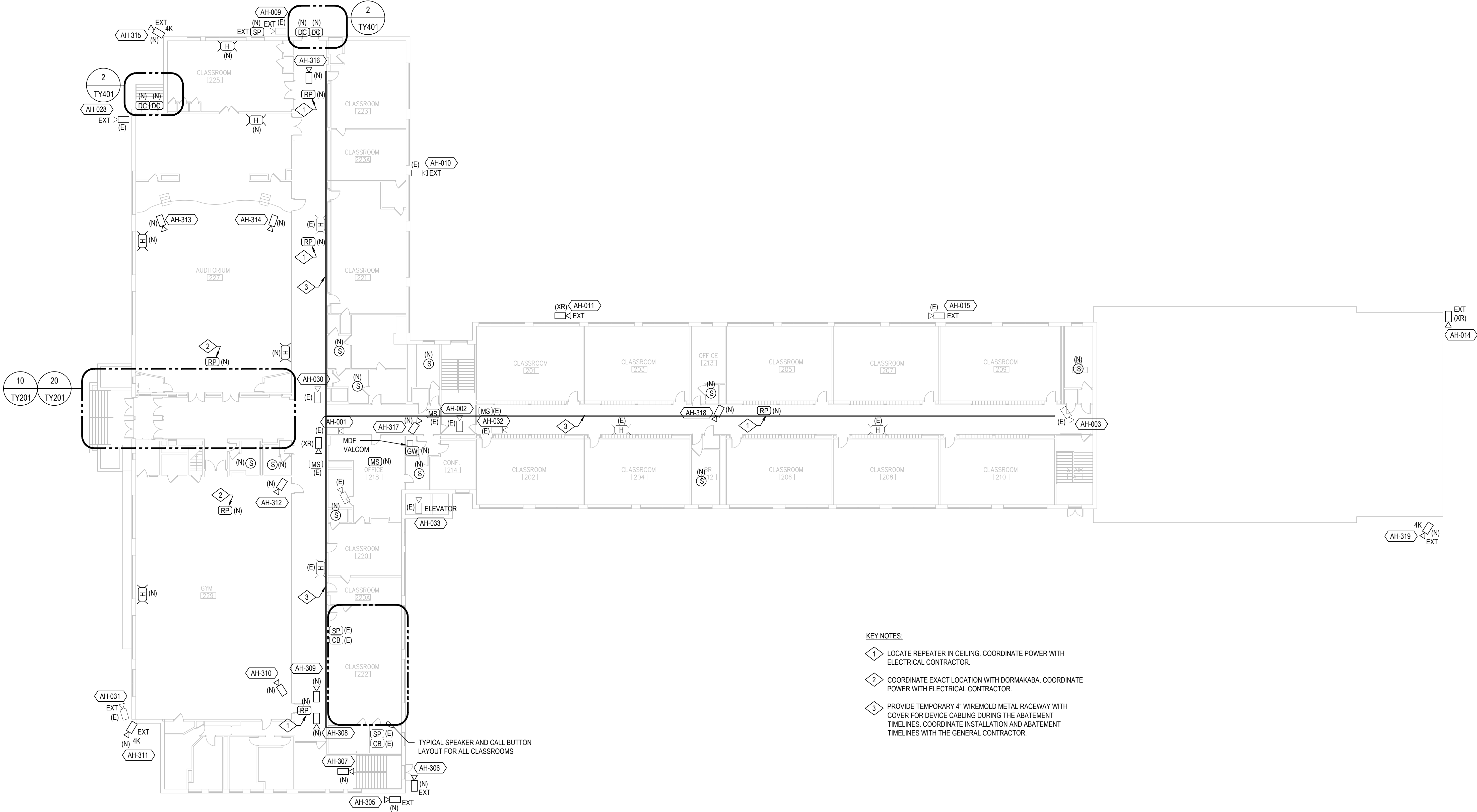
MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT
WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119

LIGHTING CONSULTANT
GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204
PELHAM, NY 10803
914.693.0221

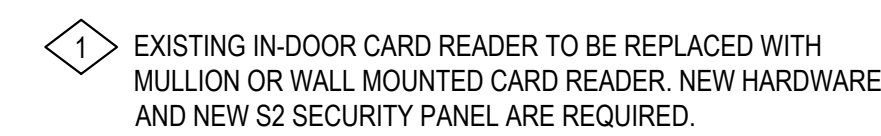




LIGHTING CONSULTANT
GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE., #204
PELHAM, NY 10803
914.693.0221

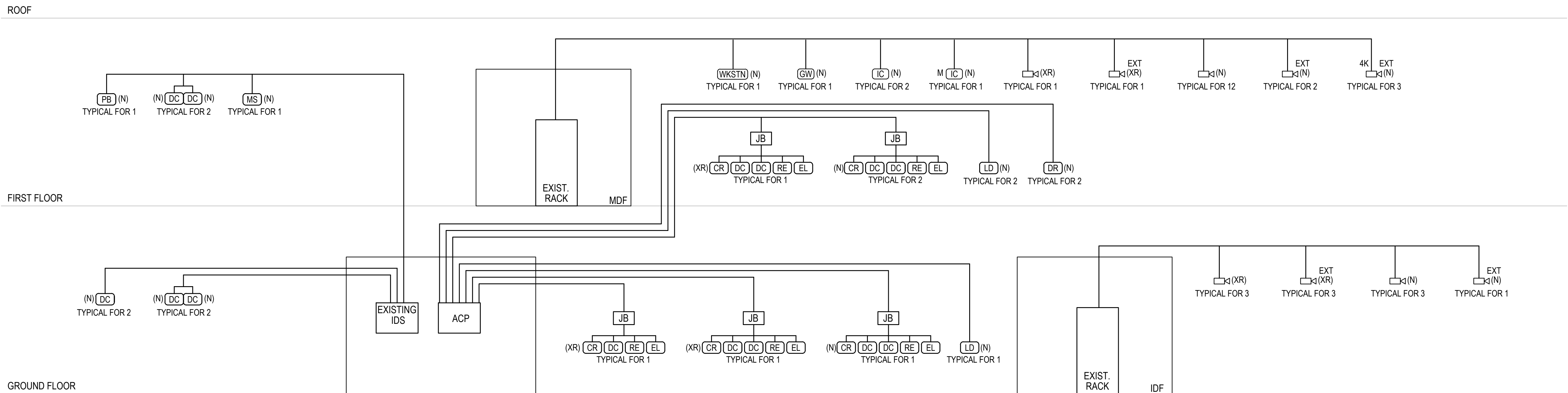

$$\overline{1/4^* = 1'-0^*}$$

—(10)


$$1/4^u = 1' - 0^u$$

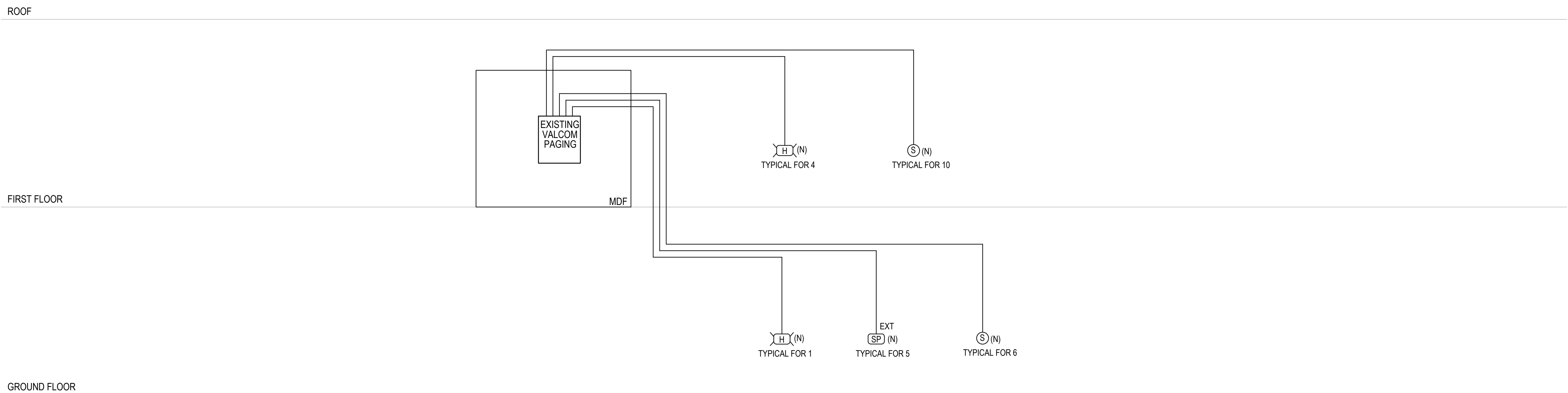
20

© 2022 MEMASI. ALL RIGHTS RESERVED.



1 SECURITY RISER DIAGRAM
NTS

NOTE:
1. RISER DIAGRAM SHOWS NEW DEVICES WITH NEW CABLE AND NEW DEVICES USING EXISTING CABLE ONLY. REFER TO FLOOR PLANS FOR EXISTING DEVICES USING EXISTING CABLING TO REMAIN.

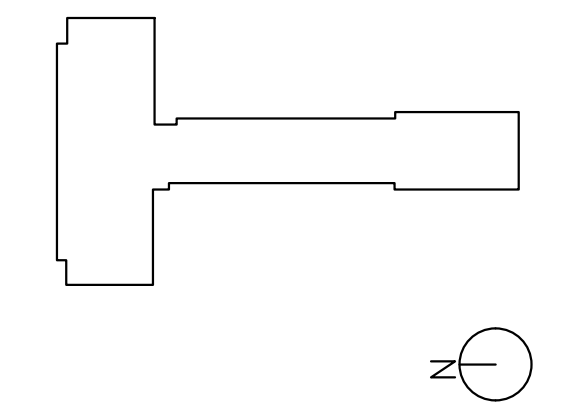


2 PAGING RISER DIAGRAM
NTS

SEAL

BID SET 01/03/2023
ISSUE DATE

KEY PLAN



SED PROJECT NO. 66-03-01-03-0-001-022
MEMASI PROJECT NO. 102-2202

RISER DIAGRAMS

© 2022 MEMASI. ALL RIGHTS RESERVED

