EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2 MEMASI PROJECT # 102-2202

WAVERLY ELEMENTARY SCHOOL

45 HALL AVE., EASTCHESTER NY, 10709 SED # 66-03-01-03-0-002-011

ANNE HUTCHINSON ELEMENTARY SCHOOL

60 MILL RD., EASTCHESTER, NY 10709 SED # 66-03-01-03-0-001-022

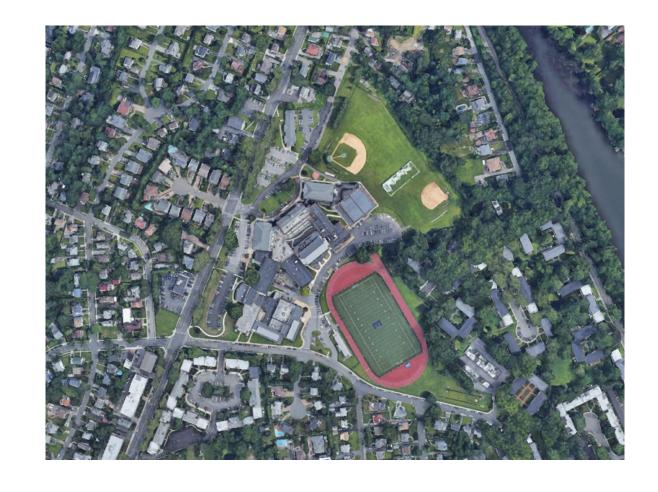
GREENVALE ELEMENTARY SCHOOL

1 GABRIEL RESCIGNO DR., SCARSDALE, NY 10583 SED # 66-03-01-03-0-006-015

EASTCHESTER MIDDLE / HIGH SCHOOL

2 STEWART PLACE, EASTCHESTER, NY 10709 SED # 66-03-01-03-0-003-030





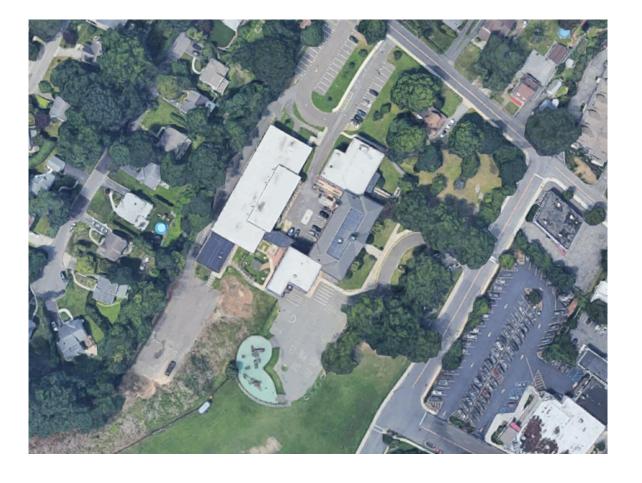
MIDDLE / HIGH SCHOOL NTS



ANNE HUTCHINSON



WAVERLY



GREENVALE



BID SET: 01/03/2023

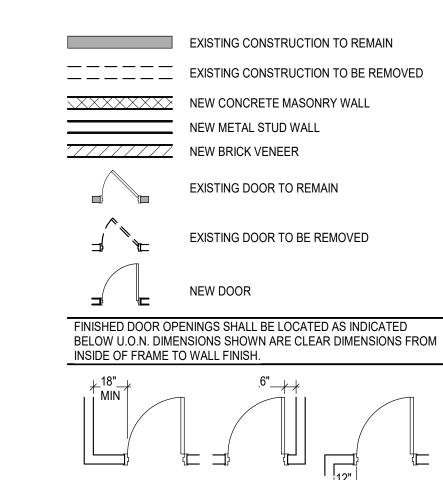
THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

 $M = M \wedge SI$

2 Lyon Place White Plains, NY 10601 memasidesign.com

ABBREVIATIONS ARCHITECTURAL LEGEND ABBREVIATION DESCRIPTION MATERIAL INDICATIONS ALUMINUM COMPOSITE MATERIAL ADDENDUM **ADMIN ADMINISTRATIVE GRANULAR FILL** ABOVE FINISHED FLOOR ALTERNATE APPROXIMATI ARCHITECT / ARCHITECTURAL AUDIO VISUAL CONCRETE MASONRY UNIT BUILDING BOTTOM OF CONCRETE BASEMENT CONTROL / CONSTRUCTION JOINT CENTERLINE CLG / CLNG CEILING **ROUGH WOOD BLOCKING** CMU CONCRETE MASONRY UNIT COL COLUMN CONC CONCRETE CONFERENCE FINISH WOOD CONTINUOUS COORD COORDINATE PLYWOOD CORR CORRIDOR DEMO DEMOLITION SHEATHING DETAIL DIAMETER RIGID INSULATION DAYLIGHT OPENING DOOR OPENING BATT INSULATION DRAWING SPRAY FOAM INSULATION **EDUCATION** EXTERIOR INSULATION FINISH SYSTEM **ELECT** ELECTRIC / ELECTRICAL **EPS INSULATION EPDM** ETHYLENE PROPYLENE DIENE MONOMER **EQUIPMENT** EXISTING **DIMENSIONING CONVENTIONS EXPANSION JOINT EXTERIOR** FACE OF STUD OR CMU FRAME DIMENSION **FACTORY FINISH** FINISH FLOOR COLUMN CENTER LINE FIXTURE FIRE-RETARDANT-TREATED MATERIAL FOOTING **SYMBOLS** GAUGE GALLON GALVANIZE(D) CLASSROOM* GENERAL CONTRACT(OR) GROUND GYPSUM WALL BOARD GWB AREA OF ROOM GYPSUM WALL BOARD SOFFIT DOOR NUMBER, REFER TO A900 DRAWINGS HANDICAPPED ACCESSIBLE **HOLLOW METAL** WINDOW TAG, REFER TO A900 DRAWINGS HORIZONTAL HEIGHT BORROWED LIGHT NUMBER, REFER TO A900 HEATING DRAWINGS HEATING/VENTILATING/AIR CONDITIONING STOREFRONT / CURTAINWALL NUMBER, INSIDE DIMENSION REFER TO A900 DRAWINGS INCH / INCHES COLUMN GRID DESIGNATION INTERIOR PARTITION TAG, REFER TO A700 DRAWINGS **JANITOR** JANITOR'S CLOSET JOIST JOINT ADDITIONAL NOTES FOR PARTITION **REVISION NUMBER** LABORATORY POUND LINEAR KEY NOTE, NEW WORK LEVEL MANUAL KEY NOTE, DEMOLITION WORK MAS MASONRY MAXIMUM **ELEVATION TAG** MEDIUM DENSITY FIBERBOARD MECHANICAL MEZZANINE MANUFACTURE(R) ACCESSIBILITY SIGN MIDDLE MINIMUM MISCELLANEOUS MASONRY OPENING INTERIOR FINISH TAG, REFER TO AF100 DRAWINGS NOT APPLICABLE NOT IN CONTRACT NOMINAL CHANGE IN FINISH MATERIAL NOT TO SCALE OVERALL ON CENTER DETAIL INDICATOR LEGEND OUTSIDE DIAMETER OVERHEAD OPTIONAL SECTION INDICATOR OUNCE -SECTION NUMBER PERIMETER PLAM PLASTIC LAMINATE PLBG DRAWING SHEET NUMBER PLAS PLASTER SECTION IS DRAWN ON PLYWD PLYWOOD -DIRECTION OF VIEW PAINT(ED) POLYISO POLYISOCYANURATE PRESSURE PRESERVATIVE TREATED **DETAIL INDICATOR (SECTION)** -SECTION NUMBER PREPARATORY PARTITION POLYVINYL CHLORIDE DRAWING SHEET NUMBER RADIUS SECTION IS DRAWN ON — DIRECTION OF VIEW RUBBER / RUBBER WALL BASE REQD REQUIRED ROOM ROUND ENLARGED DETAIL INDICATOR ROUGH OPENING SCHEDULED - DETAIL NUMBER SECTION SQUARE FEET DRAWING AREA SIMILAR REQUIRING DETAIL **SPECIFICATION** SQUARE STAINLESS STEEL DRAWING SHEET NUMBER SOUND TRANSMISSION CLASS DETAIL IS DRAWN ON STANDARD STEEL STORAGE STRUCTURAL / STRUCTURE STRUC SUSPENDED SUSPENDED ACOUSTICAL CEILING DETAIL TYPE / NAME TOP AND BOTTOM **TONGUE AND GROOVE** TECH **TECHNOLOGY** TEMP **TEMPORARY** TMPD TEMPERED TOP OF MASONRY TOP OF STEEL TYPICAL UNDERWRITERS LABORATORY UNLESS OTHERWISE NOTED **EXTERIOR ELEVATION INDICATOR** VERTICAL ELEVATION NUMBER VESTIBULE DIRECTION OF VIEW VERIFY IN FIELD WITHOUT DRAWING SHEET NUMBER WOOD DETAIL IS DRAWN ON WOOD PRESERVED-TREATED MATERIAL WEIGHT **INTERIOR ELEVATION INDICATOR** B — ELEVATION NUMBER DRAWING SHEET NUMBER DETAIL IS DRAWN ON

PLAN GRAPHICS LEGEND



GENERAL NOTES

- 1. DIMENSIONS ARE GIVEN THUS (UNLESS OTHERWISE NOTED) A. TO FACE OF MASONRY WALL B. TO FACE OF GYPSUM WALL BOARD TO COLUMN CENTERLINES
 - D. TO FINISH FACE OF SOFFIT OR CEILING E. FACE OF EXISTING CONSTRUCTION
- 2. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK
- 3. WALLS ON COLUMN LINES ARE CENTERED, U.O.N.
- 4. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
- 5. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE
- 6. ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION.
- 7. ALL WOOD BLOCKING WITHIN ROOFING SYSTEM AND WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED
- 8. ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND / OR FIRE STOPPED. COORDINATE WITH 'H' DWGS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
- 9. ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
- 10. PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL WALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS
- 11. FOR ALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION 000220.
- 12. ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE.

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

EBC 603 EBC 603.1	ALTERATION - LEVEL 2 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			INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR F, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR THE 12TH GRADE.
TABLE 601		AND PARTITIONS, FLOOR CONSTRUCT	ING WALLS AND PARTITIONS, NONBEARING WALLS TION, AND ROOF CONSTRUCTION. NCE (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 TYPE II B CON	E (EDUCATIONAL) WITHOUT SPRINKLERS 14,500 NSTRUCTION
BC 506.2.3	SINGLE-OCCUPANCY		BLE AREA OF A SINGLE-OCCUPANCY BUILDING WITH MORE THAN ABOVE GRADE PLANE SHALL BE DETERMINED IN ACCORDANCE ION 5-2:
	EXIST. MIDDLE SCHOOL	Aa	a = [At + (NS x If)] Sa a = [14,500 sf + (14,500 sf x 0.62)] a = 23,490 SF (MAX. AREA PER FLOOR)
	EXIST. HIGH SCHOOL		a = [14,400 + (14,500 x 0.45)] a = 21,025 SF (MAX. AREA PER FLOOR)
	EXIST. HS CAFETERIA ADDITION		a = [43,500 + (43,500 x 0.12)] a = 48,720 (MAX. AREA PER FLOOR)
BC 506.3	FRONTAGE INCREASE	_	OING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO AREA FACTOR INCREASE BASED ON FRONTAGE.
BC 506.3.2	MINIMUM PERCENTAGE	BUILDING SHA	FOR AN AREA FACTOR INCREASE BASED ON FRONTAGE, A ALL HAVE OF PERIMETER NOT LESS THAN 25 PERCENT OF ITS ON A PUBLIC WAY OR OPEN SPACE.
BC 506.3.2	MINIMUM FRONTAGE	OR OPEN SPAMEASURED AFOLLOWING: 1. THE CLOSE 3. THE EXTER [] WHERE THE PERIMET ACCORDANC	FOR AN AREA INCREASE BASED ON FRONTAGE, THE PUBLIC WAY ACE DISTANCE [] SHALL HAVE A MINIMUM DISTANCE OF 20 FEET AT RIGHT ANGLES FROM THE BUILDING FACE TO ANY OF THE SET INTERIOR LOT LINE RIOR FACE OF AN ADJACENT BUILDING ON THE SAME PROPERTY. HE VALUE OF W (WIDTH WEIGHTED AVERAGE) VARIES ALONG FER OF THE BUILDING, THE CALCULATION PREFORMED IN SE WITH EQUATION 5-5 SHALL BE BASED ON THE WEIGHTED ALCULATED IN ACCORDANCE TO EQUATION 5-4:
	EXIST. MIDDLE SCHOOL	EQ. 5-4	$W = (L1 \times w1 + L2 \times w2 + LN \times wn) / F$ W = 29.97
	EXIST. HIGH SCHOOL		W = 29.79
	EXIST. HS CAFETERIA		W = 28.87
BC 506.3.3	AMOUNT OF INCREASE		CTOR INCREASE BASED ON FRONTAGE SHALL BE DETERMINED NCE WITH EQUATION 5-5:
	EXIST. MIDDLE SCHOOL	EQ. 5-5	If = [F / P - 0.25] W / 30 If = [1,285/ 1,462 - 0.25] 29.97 / 30 If = 0.62
	EXIST. HIGH SCHOOL		If = [1,736 / 2,467 - 0.25] 29.79 / 30 If = 0.45
	EXIST. HS CAFETERIA		If = [177 / 469 - 0.25] 28.87 / 30 If = 0.12
EXIST. GROUND	FLOOR	BUILDING 'A'	28,063 SF
EXIST. FIRST FL	OOR	BUILDING 'B'	1,942 SF 36,634 SF
MAXIMUM ALLO	WABLE AREA IN ACCORDANCE TO B	C 506.2.3	Aa = 25,375 SF PER FLOOR

SEE STRUCTURAL DWG. S001 FOR LIST OF SPECIAL INSPECTIONS.

EASTCHESTER MIDDLE / HIGH SCHOOL

2 STEWART PLACE, EASTCHESTER, NY 10709

SED NO. MEMASI PROJECT NO. 66-03-01-03-0-003-030 102-2202

BID SET: 01/03/2023

DRAWING LIST

GENERAL DRAWINGS		HS A503	MASONRY DETAILS
G001	GENERAL INFORMATION	HS A504	GRATING AND COLUMN COVER DETAILS
LS001	LIFE SAFETY OVERALL PLANS AND NOTES	HS A701	PARTITION TYPES
LS002	LIFE SAFTEY PLAN - BASEMENT	MS A801	REFLECTED CEILING PLAN - FIRST FLOOR
LS003	LIFE SAFETY PLAN - FIRST FLOOR	HS A801	REFLECTED CEILING PLAN-FIRST FLOOR PLAN
	LIFE SAFETY PLAN - SECOND FLOOR		
LS004		MS A802	REFLECTED CEILING PLAN- SECOND FLOOR
LS005	LIFE SAFETY PLAN - THIRD FLOOR	HSMS A810	CEILING DETAILS
		HS A811	ENLARGED REFLECTED CEILING (ENTRY) AND DETAILS
SITEWORK DRAWINGS		HS A901	DOOR SCHEDULE AND ELEVATIONS
L001	SITE CODE COMPLIANCE PLAN	MS A901	DOOR SCHEDULE
L100	SITE DEMOLITION PLAN	HS A902	DOOR DETAILS
L200	SITE LAYOUT PLAN	HS A903	DOOR DETAILS
L300	SITE GRADING PLAN	HS A904	STOREFRONT ELEVATIONS AND DETAILS
L400	SITE DETAILS	HS A911	WINDOW SCHEDULE AND DETAILS
L401	BLEACHER DETAILS	110 A311	WINDOW CONEDUCE AND DETAILS
L 40 1	DELACTIEN DE TAILO	ADCUITECTUDAL FINICI	I DD AMUNICO
AODEOTOO ADATEMEN	IT DRAMINOS	ARCHITECTURAL FINISH	
ASBESTOS ABATEMEN		AF101-A	FINISH PLAN AND MATERIAL SCHEDULE
H-001.00	ASBESTOS ABATEMENT GENERAL NOTES		
H-002.00	ASBESTOS ABATEMENT ACM TABLES	STRUCTURAL DRAWING	S
H-003.00	ASBESTOS ABATEMENT FIRST FLOOR PLAN	HS S001	SITE CODE COMPLIANCE PLAN
H-004.00	ASBESTOS ABATEMENT SECOND FLOOR PLAN	HS FO100	FOUNDATION PLAN
H-005.00	ASBESTOS ABATEMEN BUILDING ELEVATION	HS S100	SECOND FLOOR FRAMING PLAN
H-006.00	ASBESTOS ABATEMEN BASEMENT FLOOR PLAN	HS S500	TYPICAL STEEL DETAILS
H-007.00	ASBESTOS ABATEMENT FIRST FLOOR PLAN		
H-008.00	ASBESTOS ABATEMENT FINGT FLOOR PLAN	MECHANICAL DRAWING	S
H-009.00	ASBESTOS ABATEMENT THIRD FLOOR PLAN	HS M001	COVER SHEET
H-010.00	ASBESTOS ABATEMENT H.S. EXTERIOR ELEVATIONS	HS M101	FIRST FLOOR VESTIBULE PART PLAN
H-011.00	ASBESTOS ABATEMENT EXTERIOR ELEVATIONS	HS M201	SCHEDULES
H-012.00	ASBESTOS ABATEMENT H.S. EXTERIOR ELEVATIONS	HS M301	DETAILS
H-013.00	ASBESTOS ABATEMENT H.S. COURTYARD ELEVATIONS		
		ELECTRICAL DRAWINGS	
ARCHITECTURAL DEM	OLITION DRAWINGS	MSHS E001	COVER SHEET
HS AD100	DEMOLITION PLAN - BASEMENT	MSHS E002	ELECTRICAL GENERAL NOTES
	DEMOLITION PLAN - BRST FLOOR	MSHS ED101	
MS AD101		==	FIRST FLOOR VESTIBULE POWER DEMOLITION PART PLAN
HS AD101	DEMOLITION PLAN - FIRST FLOOR	MSHS E101	FIRST FLOOR VESTIBULE POWER PART PLAN
MS AD102	DEMOLITION PLAN - SECOND FLOOR	MSHS E201	FIRST FLOOR VESTIBULE LIGHTING PART PLAN
HS AD102	DEMOLITION PLAN - SECOND FLOOR	MSHS E202	FIRST FLOOR MIDDLE SCHOOL LIGHTING PARTIAL PLAN
HS AD103	DEMOLITION PLAN - THIRD FLOOR	MSHS E203	SECOND FLOOR MIDDLE SCHOOL LIGHTING PARTIAL PLAN
HS AD201	DEMOLITION EXTERIOR ELEVATIONS	MSHS E204	SITE LIGHTING PLAN
HS AD401	ENLARGED DEMOLITION PLAN - MAIN ENTRY	MHS E301	CELLAR SECURITY EQUIPMENT POWER PLAN
116 715 16 1		MHS E302A	FIRST FLOOR SECURITY EQUIPMENT POWER PLAN (HIGH SCHOOL)
ARCHITECTURAL DRAV	MINGS	MHS E302B	FIRST FLOOR SECURITY EQUIPMENT POWER PLAN (MIDDLE
HS A100	OVERALL PLAN - BASEMENT	WII IO LOUZD	SCHOOL)
		MHS E303A	2ND FLOOR SECURITY EQUIPMENT POWER PLAN (HIGH SCHOOL)
MS A101	OVERALL PLAN - FIRST FLOOR		,
HS A101	OVERALL PLAN - FIRST FLOOR	MHS E303B	2ND FLOOR SECURITY EQUIPMENT POWER PLAN (MIDDLE SCHOOL)
MS A102	OVERALL PLAN - SECOND FLOOR	MUS E204	•
HS A102	OVERALL PLAN - SECOND FLOOR	MHS E304	3RD FLOOR SECURITY EQUIPMENT POWER PLAN
HS A103	OVERALL PLAN - THIRD FLOOR	MHS E601	ELECTRICAL PANEL SCHEDULES SHEET I OF II
MS A201	EXTERIOR ELEVATIONS	MHS E602	ELECTRICAL PANEL SCHEDULES SHEET II OF II
HS A201	EXTERIOR ELEVATIONS		
HSMS A202	EXTERIOR ELEVATIONS	PLUMBING DRAWINGS	
HS A202	EXTERIOR ELEVATIONS	HS P001	COVER SHEET
		HS PD101	FIRST FLOOR VESTIBULE DEMOLITION PART PLAN
HS A203	EXTERIOR ELEVATIONS	HS P101	FIRST FLOOR VESTIBULE PART PLANS
HS A204	EXTERIOR ELEVATIONS	HS P201	DETAILS
HS A401	MAIN ENTRY	110 1 201	DETIMES
HS A402	ENLARGED SECOND FLOOR AND CANOPY ROOF PLAN	OF OUR DITY DRAVAUNCE	
HS A403	MAIN ENTRY SECTIONS	SECURITY DRAWINGS	HIGH COHOO! I FORUD AND ADDRESS.
HS A404	ENLARGED PLANS AND SECTIONS - SECURE VESTIBULE	HS TY001	HIGH SCHOOL LEGEND AND ABBREVIATIONS
HS A501	DETAILS	HS TY100	HIGH SCHOOL BASEMENT PLAN
HS A502	ALUMINUM COMPOSITE PANEL DETAILS	HS TY101	HIGH SCHOOL FIRST FLOOR PLAN
		HS TY102	HIGH SCHOOL SECOND FLOOR PLAN
		HS TY103	HIGH SCHOOL THIRD FLOOR PLAN
		HS TY201	HIGH SCHOOL ENLARGED PLAN
		HS TY301	HIGH SCHOOL RISER DIAGRAMS
		HS TY401	HIGH SCHOOL RISER DIAGRANIS HIGH SCHOOL DETAILS
		MS TY001	MIDDLE SCHOOL LEGEND AND ABBREVIATIONS
		MS TY100	MIDDLE SCHOOL BASEMENT PLAN
		MS TY101	MIDDLE SCHOOL FIRST FLOOR PLAN
		MS TY102	MIDDLE SCHOOL SECOND FLOOR PLAN
		MS TY301	MIDDLE SCHOOL RISER DIAGRAMS
		MS TY401	MIDDLE SCHOOL DETAILS
		- 	• •

2020 ENERGY CONSERVATION CONSTRUCTION CODE

TABLE C301.1	NEW YORK ST	ATE CLIMATE ZON	ES BY COUNTY			
	CLIMATE ZONE	E 4A	WESTCHESTER COUN	TY, NY		
TABLE C402.4	BUILDING ENV	ELOPE FENESTRA	TION MAXIMUM U-FACTO	R AND AHG	CREQUIREMENTS	
ENTRANCE DOOF	RS (CLIMATE	ZONE 4)	U-FACTOR SHGC 0.2 < PF < 0.5	0.77 0.43		
TABLE C301.1	NEW YORK	STATE CLIMATE ZO	ONES BY COUNTY			
	CLIMATE ZC	NE 4A	WESTCHESTER COL	JNTY, NY		
TABLE C402.4	BUILDING EI	NVELOPE FENESTI	RATION MAXIMUM U-FAC	TOR AND AF	GC REQUIREMENTS	
ROOFS WALLS, ABOVE WALLS, BELOW SLAB-ON-GRAD	GRADE GRADE	METAL FRAME MASS MASS UNHEATED SLA		ECK	R-33 CONTINOUS INSULATION R-13 + R-8.5 CONTINOUS INSULATION R-11.2 CONTINOUS INSULATION R-7.5 CONTINOUS INSULATION R-15 FOR 24" BELOW	
TABLE C402.3	MINIMUM RO	OOF REFLECTANCI	E AND EMITTANCE			
	-	FLECTANCE INDEX	OF 55 AND 3-YEAR AGE OF 64	THERMAL E	EMITTANCE OF 0.75	
SEE SPECIFICA	TIONS FOR MIN.	. SRI.				
TABLE C402.4	BUILDING EI	NVELOPE FENESTI	RATION MAXIMUM U-FAC	TOR AND SH	GC REQUIREMENTS	
FIXED FENESTF OPERABLE FEN ENTRANCE DO	IESTRATION	U-FACTOR U-FACTOR U-FACTOR	0.38 0.45 0.77			
SHGC		PF < 0.36 0.2 < PF < 0.5	0.36 0.43			

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$ 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

992 BEDFORD STREET

NEW YORK, NY 10119

BRIDGEWATER, MA 02324

STAMFORD, CT 06905 SECURITY CONSULTANT

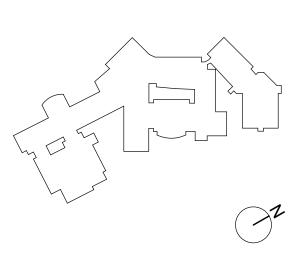
BUILDING TECHNOLOGY CONSULTING

HAZARDOUS MATERIALS CONSULTANT ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR

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

IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/ PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION

KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

GENERAL INFORMATION

G001

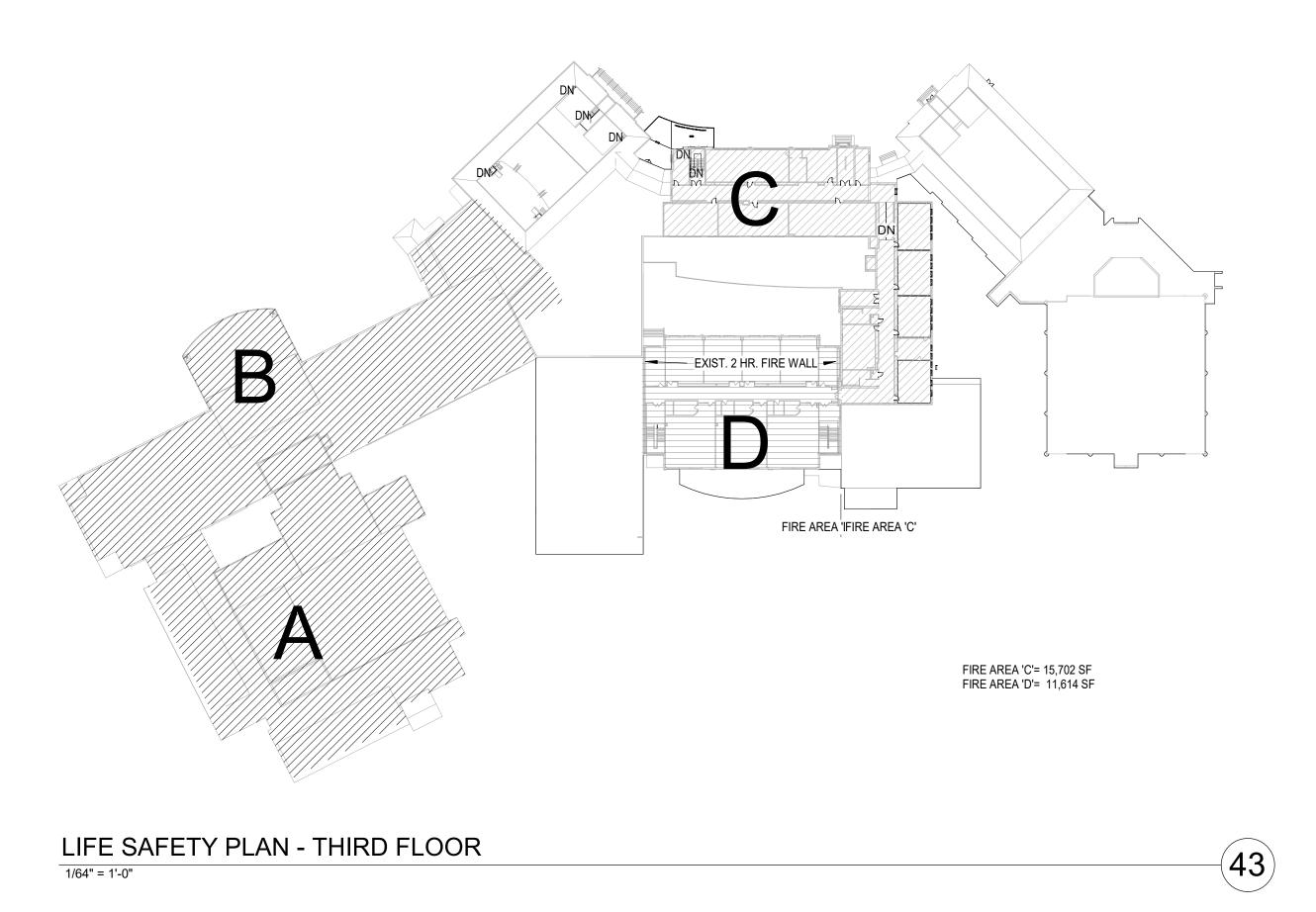
LIFE SAFETY LEGEND

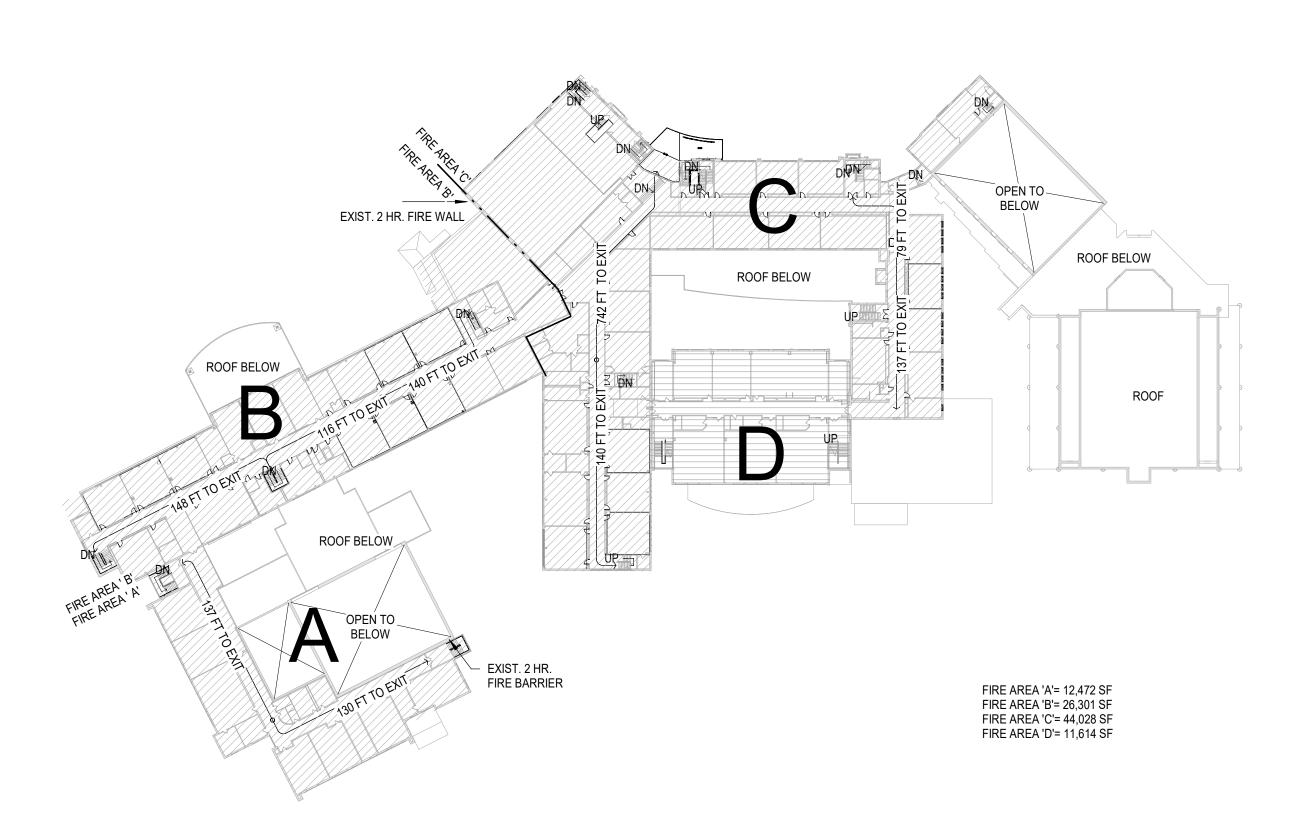
RW RESCUE WINDOW

GRESS PATH END / START

ONE-HOUR RATED PARTITION

TWO-HOUR RATED PARTITION



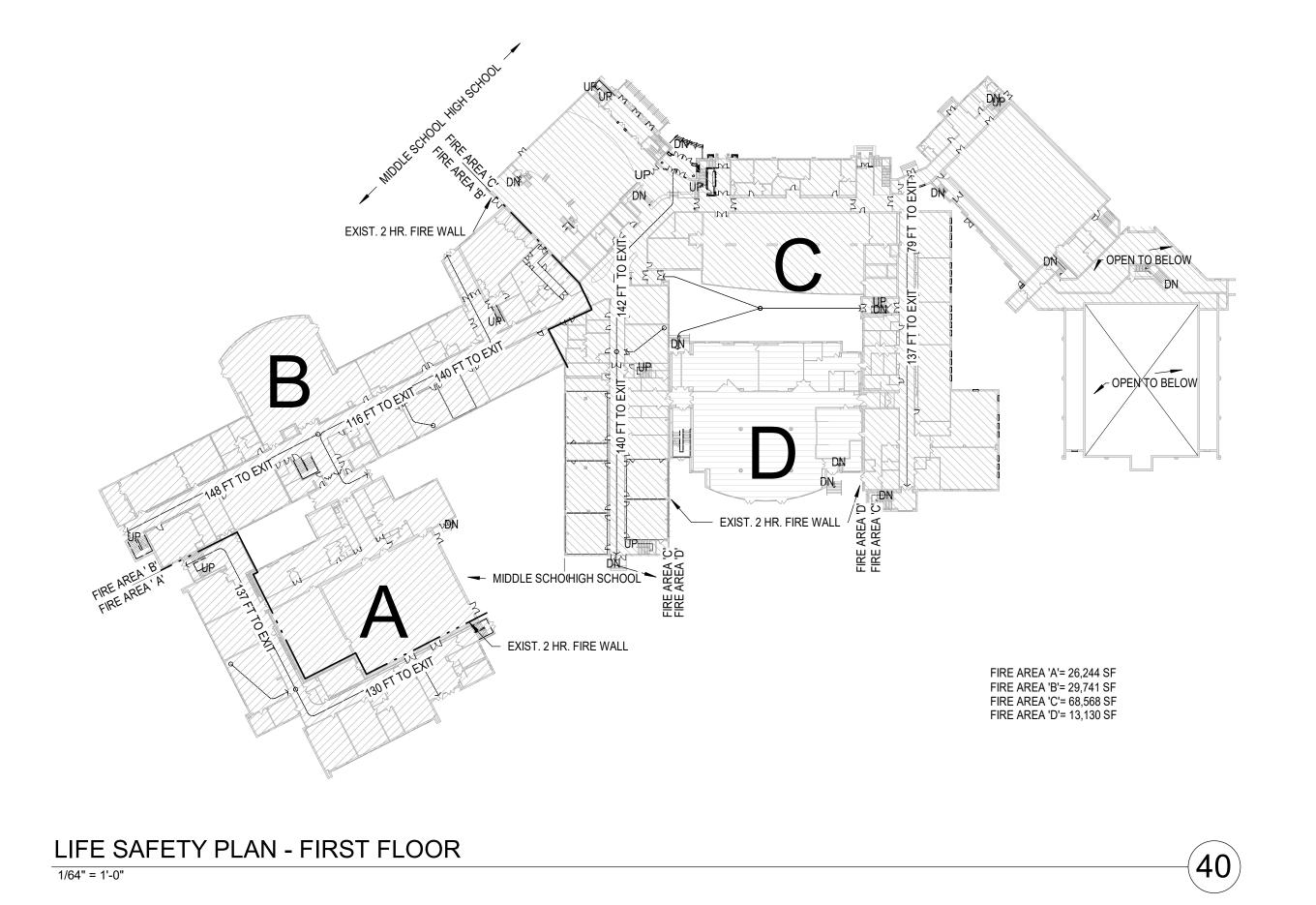


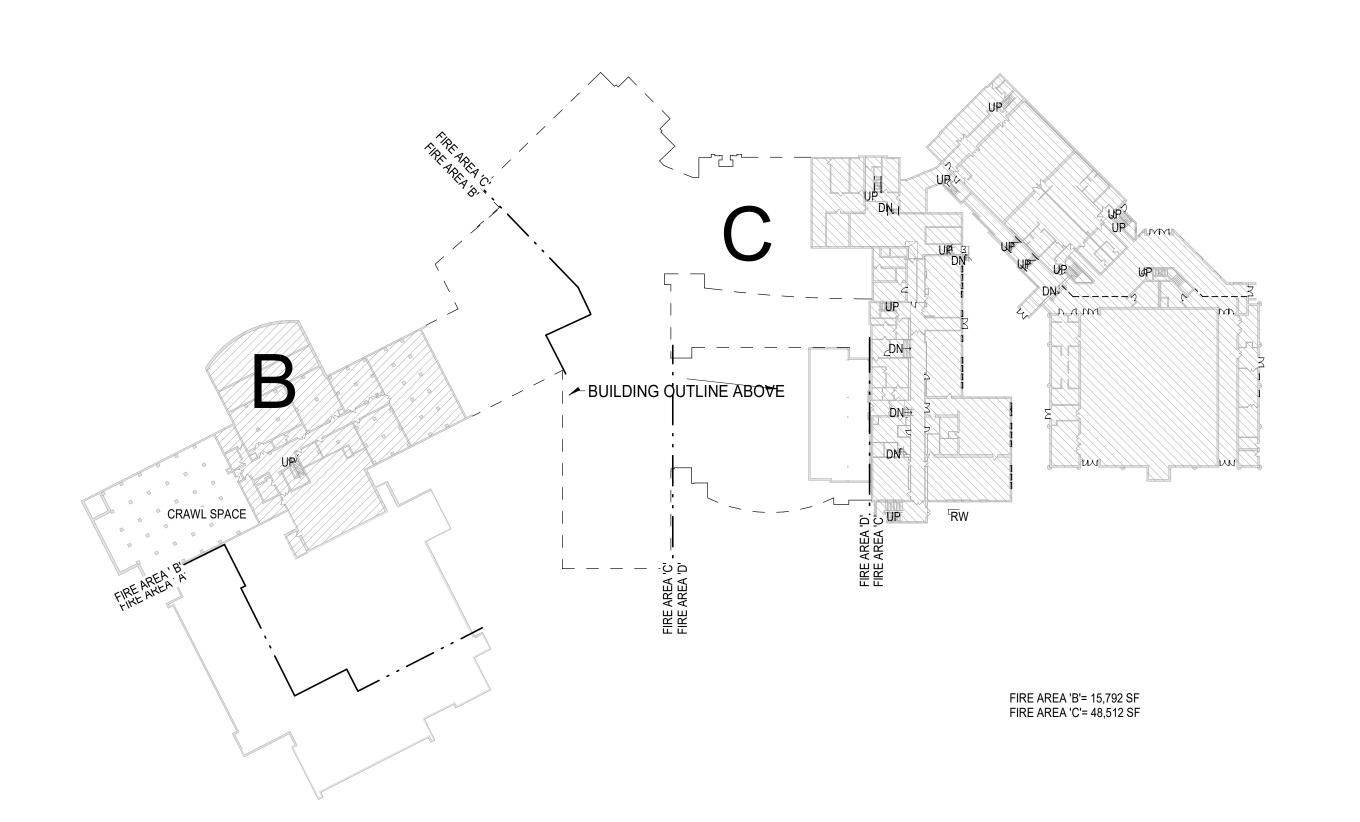
2020 BUILDING CODE OF NEW YORK STATE ANALYSIS - CHAPTER 10 MEANS OF EGRESS

LIFE SAFETY PLAN - SECOND FLOOR

BC 1004.1		IN DETERMINING MEANS OF EGRESS, THE NUMBER OF C WHOM MEANS OF EGRESS FACILITIES ARE PROVIDED SHALI CCORDANCE WITH THIS SECTION.		TABLE 1006.3.1	MIN.NUMBER OF EXITS OR ACCESS TO EXITS PER STORY	OCCUPANT LOAD PER STORY 1-500 501-1,000	MIN. NUMBER OF EXITS OR ACCESS 2 3	TO EXITS
TABLE1004.5	MAX. FLOOR AREA PER OCC.	ACCESSORY STORAGE AREAS, MECHANICAL EQUIP. RM ASSEMBLY WITHOUT FIXED SEATS UNCONCENTRATE WITH FIXED SEATS (1004.4) (THE TOTAL NUMBER OF INSTALLED SEATS AT ANNE HU	ED 15 SF. NET / OCC. INSTALLED SEATS	BC 1007.1.1	TWO EXITS OR EXIT	RAMPS [] THE ACCESS DOORW EQUAL TO NOT LESS THAN ONE	4 SS DOORWAYS, EXIT ACCESS STAIRWA VAYS SHALL BE PLACED A DISTANCE AI -HALF OF THE LENGTH OF THE MAXIMU I OF THE BUILDING OR AREA TO BE SEF	PART JM
		BUSINESS AREAS CONCENTRATED BUSINESS AREAS EDUCATIONAL CLASSROOM AREA SHOPS AND OTHER VOCATIONAL	150 SF. GROSS/ OCC. > 50 SF/OCC 20 SF. NET / OCC. 50 SF. NET / OCC.	BC 1007.1.2	THREE OR MORE EXITS OR	A STRAIGHT LINE BETWEEN THE WHERE ACCESS TO THREE OR I REQUIRED EXIT OR EXIT ACCES ARRANGED A REASONABLE DIS	EM. MORE EXITS IS REQUIRED [] ADDITION S DOORWAYS ACCESS DOORWAYS SH TANCE A SHALL BE ARRANGED A REAS	NAL HALL BE SONABLE
BC 1004.7	OUTDOOR AREAS	EXERCISE ROOMS LIBRARY READING ROOMS STACK AREA STAGES AND PLATFORMS YARD, PATIOS, OCCUPIED ROOFS, COURTS AND SIMILAR	50 SF. GROSS / OCC 50 SF. NET / OCC. 100 SF. GROSS/ OCC. 15 SF. NET / OCC.	BC 1008.1	MEANS OF EGRESS	AVAILABLE. ILLUMINATION SHALL BE PROVIE ACCORDANCE TO SECTION ILLU	BECOMES BLOCKED THE OTHERS WIL DED IN THE MEANS OF EGRESS IN IMINATION 1008.2 UNDER EMERGENCY ON SHALL COMPLY WITH SECTION 1008	POWER,
		ACCESSIBLE TO AND USABLE BY THE BUILDING OCCUPANTS OVIDED ,MEANS OF EGRESS AS REQUIRED BY THIS CHAPTER THE OCCUPANT LOAD SHALL BE ASSIGNED BY THE BUILI	S SHALL BE L	BC 1009.1	ACCESSIBLE MEANS OF EGRESS REQUIRED	[] WHERE MORE THAN ONE ME	EANS OF EGRESS ARE REQUIRED [] EAD PORTION OF THE SPACE SHALL BE SI	ACH
BC 1005.3.1		THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIR CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVE IRWAY BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 IN	D BY SUCH				ANS OF EGRESS ARE NOT REQUIRED T	TO
	OCCUPA			TABLE 1017.2	EXIT ACCESS TRAVEL DISTANCE	OCCUPANCY E (EDUCATIONAL)	WITHOUT SPRINKLER SYSTEM 2	200 FEET
BC 1005.3.2	SER	THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMP STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE O VED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPAC NCH PER OCCUPANT.	CCUPANT LOAD	TABLE 1020.1	CORRIDOR FIRE-RESISTANCE RATING	OCCUPANCY E (EDUCATIONAL)	WITHOUT SPRINKLER SYSTEM 1	(HOUR)
TABLE 1006.2.1	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE	OCCUPANCY E (EDUCATIONAL) WITHOUT SPRINKLER	SYSTEM 75 FEET	BC 1020.4	DEAD ENDS		OR EXIT ACCESS DOORWAY IS REQUIRE GED SUCH THAT THERE ARE NO DEAD I 20 FEET IN LENGTH.	
				BC 1028.1	EXIT DISCHARGE	EXIT DISCHARGE SHALL BE AT G	TLY TO THE EXTERIOR OF THE BUILDINGRADE OR SHALL PROVIDE A DIRECT PARES E EXIT DISCHARGE SHALL NOT REENTE	ATH OF

23





TOTAL OCCUPANT LOAD AND EXIT CAPACITY

1/64" = 1'-0"

FIRE AREA 'D'

	EXIT CAPACITY		TOTAL OCCUPANT LOAD
FIRE AREA 'B' FIRE AREA 'C'	TOTAL EXIT CAPACITY BASEMENT FLOOR 180 > TOTAL EXIT CAPACITY FROM BASEMENT 3,280 >		48 (OCCS.) COMPLIES WITH 2020 NYS BC. 549 (OCCS.) COMPLIES WITH 2020 NYS BC.
EXIST. FIR	ST FLOOR		
	EXIT CAPACITY		TOTAL OCCUPANT LOAD
FIRE AREA 'A' & 'B' FIRE AREA 'C' FIRE AREA 'D'	TOTAL EXIT CAPACITY FROM FIRST FLOOR 2,700 TOTAL EXIT CAPACITY FROM GROUND FLOOR 2,700 TOTAL EXIT CAPACITY FROM GROUND FLOOR 1,080	>	1,019 (OCCS.) COMPLIES WITH 2020 NYS BC. 750 (OCCS.) COMPLIES WITH 2020 NYS BC. 59 (OCCS.) COMPLIES WITH 2020 NYS BC.
EXIST. SE	COND FLOOR		
	EXIT CAPACITY		TOTAL OCCUPANT LOAD
FIRE AREA 'A' & 'B' FIRE AREA 'C' FIRE AREA 'D'	TOTAL EXIT CAPACITY FROM GROUND FLOOR 1,200 TOTAL EXIT CAPACITY FROM GROUND FLOOR 2,210 TOTAL EXIT CAPACITY FROM GROUND FLOOR 480		1,007 (OCCS.) COMPLIES WITH 2020 NYS BC 734 (OCCS.) COMPLIES WITH 2020 NYS BC. 202 (OCCS.) COMPLIES WITH 2020 NYS BC.

TOTAL EXIT CAPACITY FROM GROUND FLOOR 770 > 310 (OCCS.) COMPLIES WITH 2020 NYS BC.

TOTAL EXIT CAPACITY FROM GROUND FLOOR 480 > 327 (OCCS.) COMPLIES WITH 2020 NYS BC.

EXIT CAPACITY

TOTAL OCCUPANT LOAD

LIFE SAFTEY PLAN - BASEMENT

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT M = M \ S |

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1000 PARK BLVD., SUITE 209

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400

SECURITY CONSULTANT

MASSAPEQUA PARK, NY 11762

30 OAK STREET, SUITE 400 STAMFORD, CT 06905

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NEW YORK, NY 10119

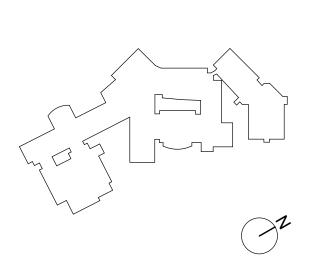
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GOLDSTICK LIGHTING DESIGN
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SEAL

O SET 01/03/202

KEY PLAN

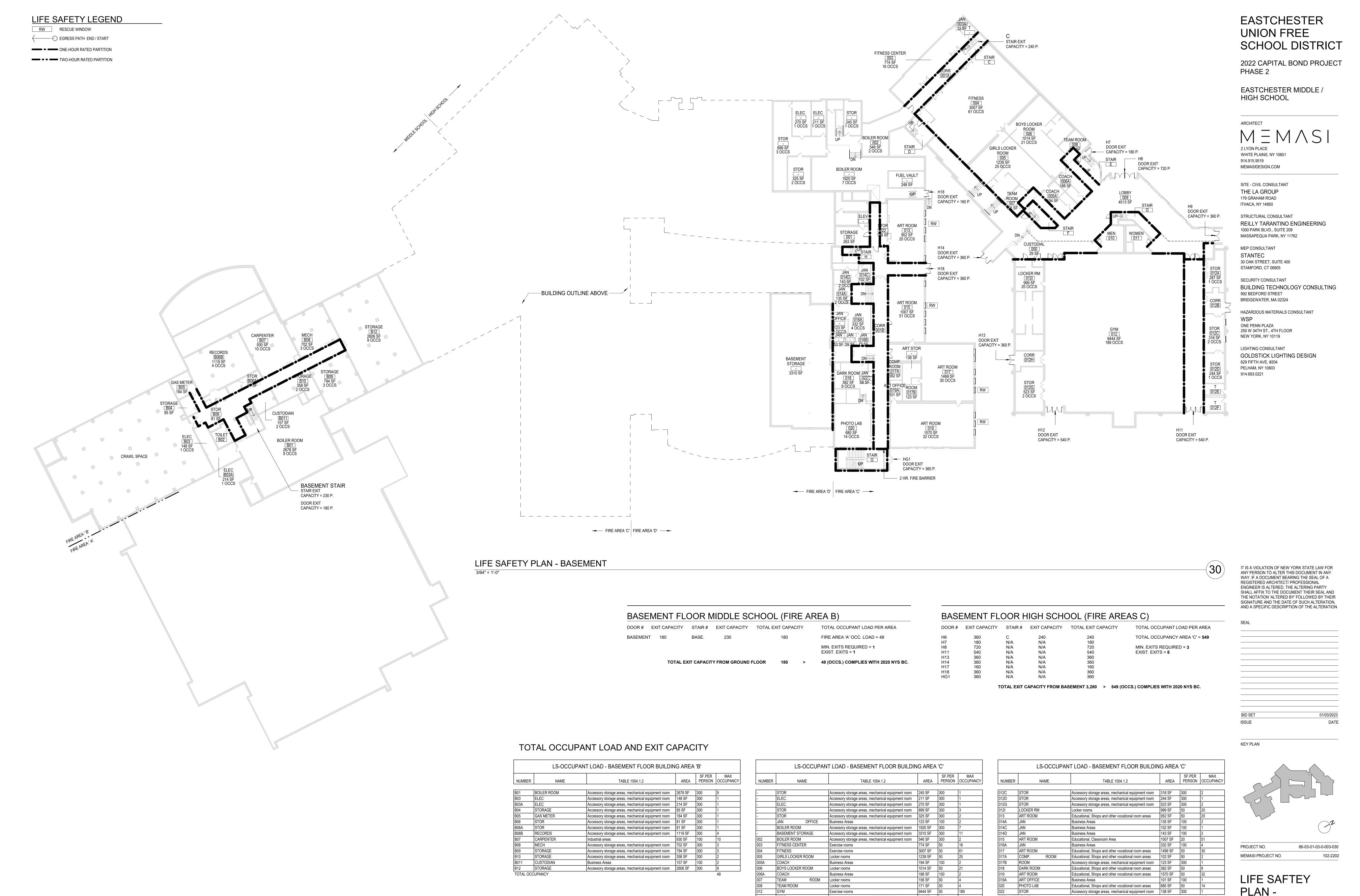


PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

LIFE SAFETY OVERALL PLANS AND NOTES

LS001



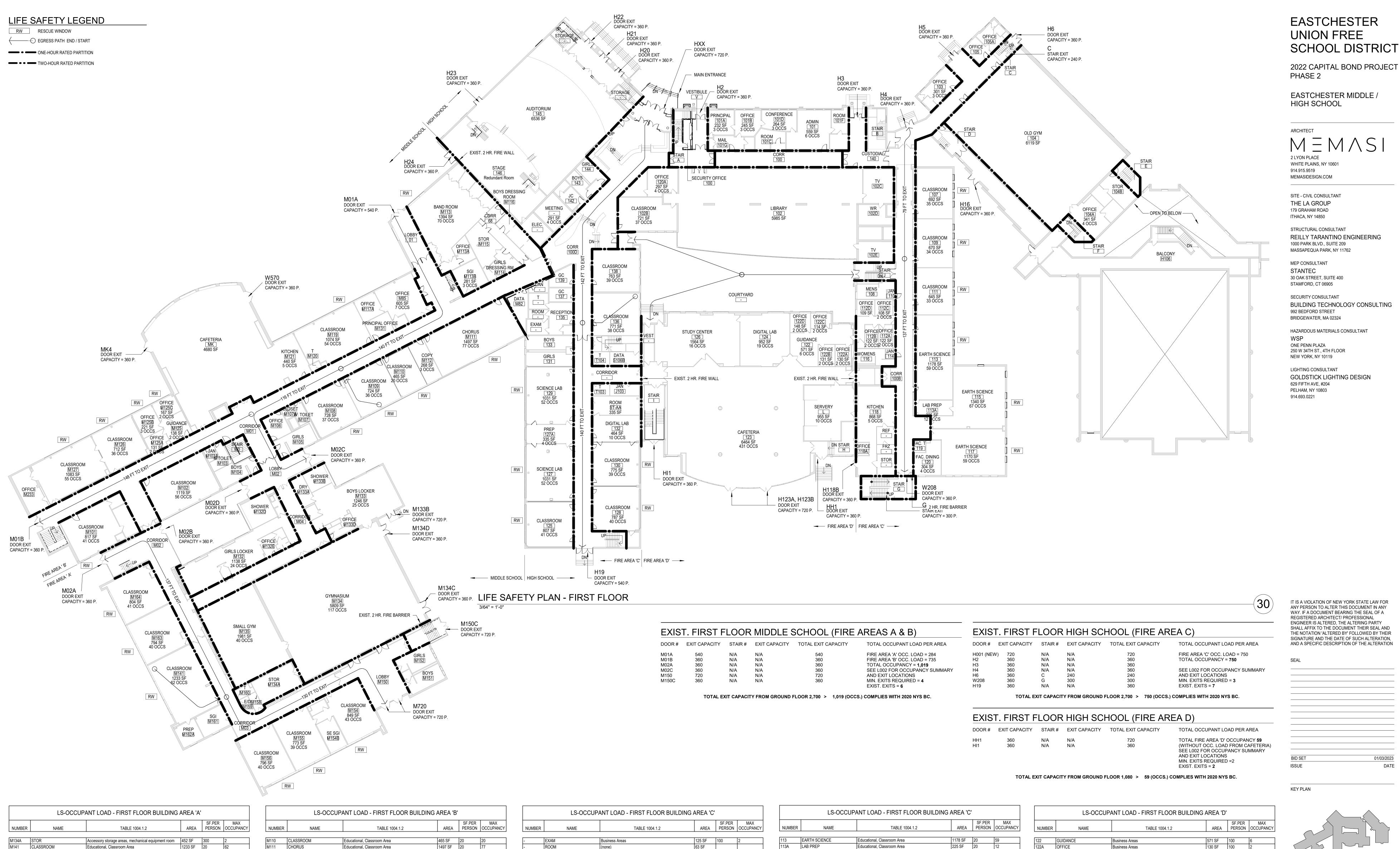
PLAN -**BASEMENT**

Accessory storage areas, mechanical equipment room

TOTAL OCCUPANCY

Accessory storage areas, mechanical equipment room 287 SF 300

LS002



NUMBER	NAME	TABLE 1004.1.2	AREA	SF.PER PERSON	MAX OCCUPANCY
M134A	STOR	Accessory storage areas, mechanical equipment room	452 SF	300	2
M141	CLASSROOM	Educational, Classroom Area	1233 SF	20	62
M150	LOBBY	(none)	1017 SF		
M154	CLASSROOM	Educational, Classroom Area	849 SF	20	43
M154B	SE SGI	Educational, Classroom Area	228 SF	20	12
M155	CLASSROOM	Educational, Classroom Area	773 SF	20	39
M156	CLASSROOM	Educational, Classroom Area	796 SF	20	40
M159	E/D	(none)	62 SF		
M161	SGI	Business Areas	253 SF	100	3
M162A	PREP	Business Areas	187 SF	100	2
M163	CLASSROOM	Educational, Classroom Area	794 SF	20	40
M164	CLASSROOM	Educational, Classroom Area	804 SF	20	41
TOTAL OCC	CUPANCY	•		•	284

	LS-OCCUP	ANT LOAD - FIRST FLOOR BUILDING	AREA 'B'		
NUMBER	NAME	TABLE 1004.1.2	AREA	SF.PER PERSON	MAX OCCUPANCY
M85	OFFICE	Business Areas	605 SF	100	7
M101	CLASSROOM	Educational, Classroom Area	817 SF	20	41
M102	CLASSROOM	Educational, Classroom Area	1119 SF	20	56
M106	OFFICE	Business Areas	201 SF	100	2
M107A	CLOSET	Accessory storage areas, mechanical equipment room	61 SF	300	1
M108	CLASSROOM	Educational, Classroom Area	728 SF	20	37
M109	CLASSROOM	Educational, Classroom Area	724 SF	20	36

NUMBER	NAME	TABLE 1004.1.2	AREA	SF.PER PERSON	MAX OCCUPANC
M110	CLASSROOM	Educational, Classroom Area	465 SF	20	20
M111	CHORUS	Educational, Classroom Area	1497 SF	20	77
M112	COPY	Business Areas	268 SF	100	3
M113	BAND ROOM	Educational, Classroom Area	1394 SF	20	70
M113A	OFFICE	Business Areas	149 SF	100	2
M113B	SGI	Business Areas	281 SF	100	3
M114	GIRLS DRESSING RM	Locker rooms	234 SF	50	5
M115	STOR	Accessory storage areas, mechanical equipment room	339 SF	300	2
M116	BOYS DRESSING ROOM	Locker rooms	311 SF	50	7
M117A	OFFICE	Business Areas	201 SF	100	2
M119	CLASSROOM	Educational, Classroom Area	1074 SF	20	54
M121	KITCHEN	Business Areas	440 SF	100	5
M125	GUIDANCE	Business Areas	138 SF	100	2
M125A	OFFICE	Business Areas	131 SF	100	2
M125B	OFFICE	Business Areas	221 SF	100	3
M125C	OFFICE	Business Areas	167 SF	100	2
M126	CLASSROOM	Educational, Classroom Area	712 SF	20	36
M127	CLASSROOM	Educational, Classroom Area	1083 SF	20	55
M131	PRINCIPAL OFFICE	Business Areas	187 SF	100	2
M132	GIRLS LOCKER	Exercise rooms	1138 SF	50	24
M132E	OFFICE	Business Areas	124 SF	100	3
M133	BOYS LOCKER	Exercise rooms	1246 SF	50	25
M133D	OFFICE	Business Areas	140 SF	100	2
M134	GYMNASIUM	Exercise rooms	5809 SF	50	117
M135	SMALL GYM	Exercise rooms	1981 SF	50	40
M233	OFFICE	Educational, Shops and other vocational room areas	342 SF	50	7

NUMBER	NAME	TABLE 1004.1.2	AREA	SF.PER PERSON	MAX OCCUPANCY
	TEXAM	Business Areas	125 SF	100	2
	ROOM	(none)	63 SF	100	-
	MEETING	Business Areas	291 SF	100	4
	REF	(none)	124 SF	100	-
	STOR	Accessory storage areas, mechanical equipment room	146 SF	300	1
101	ADMIN	Business Areas	559 SF	100	6
101A	PRINCIPAL	Business Areas	232 SF	100	3
101B	OFFICE	Business Areas	245 SF	100	3
101C	ROOM	(none)	172 SF	100	
101D	CONFERENCE	Business Areas	264 SF	100	3
101F	ROOM	Business Areas	148 SF	100	
101G	MAIL	(none)	145 SF	1	
102B	CLASSROOM	Educational, Classroom Area	721 SF	20	37
102C	TV	(none)	389 SF		
102D	WR	(none)	229 SF		
102E	TV	(none)	263 SF		
103	OFFICE	Business Areas	301 SF	100	3
104A	OFFICE	Business Areas	341 SF	100	4
104B	STOR	Accessory storage areas, mechanical equipment room	237 SF	300	1
105	OFFICE	Business Areas	143 SF	100	2
105A	OFFICE	Business Areas	146 SF	100	2
107	CLASSROOM	Educational, Classroom Area	692 SF	20	35
109	CLASSROOM	Educational, Classroom Area	670 SF	20	34
111	CLASSROOM	Educational, Classroom Area	645 SF	20	33
112A	OFFICE	Business Areas	122 SF	100	2
112B	OFFICE	Business Areas	122 SF	100	2
112C	OFFICE	Business Areas	108 SF	100	2

NUMBER	NAME	TABLE 1004.1.2	AREA	SF.PER PERSON	MAX OCCUPANC
113	EARTH SCIENCE	Educational, Classroom Area	1178 SF	20	59
113A	LAB PREP	Educational, Classroom Area	225 SF	20	12
115	EARTH SCIENCE	Educational, Classroom Area	1340 SF	20	67
117	EARTH SCIENCE	Educational, Classroom Area	1170 SF	20	59
118	KITCHEN	Kitchen commercial	868 SF	200	5
118A	OFFICE	Business Areas	52 SF	100	1
120	FAC. DINING	Business Areas	304 SF	100	4
120A	OFFICE	Business Areas	297 SF	100	4
125	CLASSROOM	Educational, Classroom Area	807 SF	20	41
127	SCIENCE LAB	Educational, Classroom Area	1031 SF	20	52
127A	PREP	Business Areas	335 SF	100	4
128	CLASSROOM	Educational, Classroom Area	787 SF	20	40
129	SCIENCE LAB	Educational, Classroom Area	1031 SF	20	52
130	CLASSROOM	Educational, Classroom Area	775 SF	20	39
132	DIGITAL LAB	Educational, Shops and other vocational room areas	464 SF	50	10
135	RECEPTION	Business Areas	266 SF	100	3
136	CLASSROOM	Educational, Classroom Area	771 SF	20	38
137	GC	(none)	130 SF		
138	CLASSROOM	Educational, Classroom Area	763 SF	20	39
139	GC	(none)	168 SF		
142	JC	(none)	110 SF		
H106	BALCONY	(none)	1362 SF		
J103	JAN	Business Areas	139 SF	100	
S106B	DATA	Accessory storage areas, mechanical equipment room	157 SF	300	1
ST-AA	ROOM	(none)	335 SF		
V	VESTIBULE	(none)	168 SF		
V-1	COURTYARD VESTIBULE	(none)	93 SF		1

NUMBER NAME		TABLE 1004.1.2		SF.PER PERSON	MAX OCCUPANCY
122	GUIDANCE	Business Areas	571 SF	100	6
122A	OFFICE	Business Areas	130 SF	100	2
122B	OFFICE	Business Areas	131 SF	100	2
122C	OFFICE	Business Areas	114 SF	100	2
122D	OFFICE	Business Areas	148 SF	100	2
123	CAFETERIA	Assembly, Unconcentraded (tables and chairs)	6464 SF	15	431
124	DIGITAL LAB	Educational, Shops and other vocational room areas	952 SF	50	19
126	STUDY CENTER	Business Areas	1564 SF	100	16
L	SERVERY	Business Areas	955 SF	100	10

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

30 OAK STREET, SUITE 400 STAMFORD, CT 06905

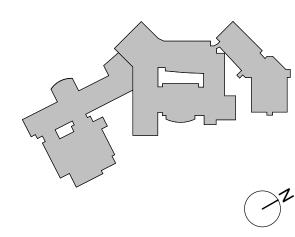
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

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

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

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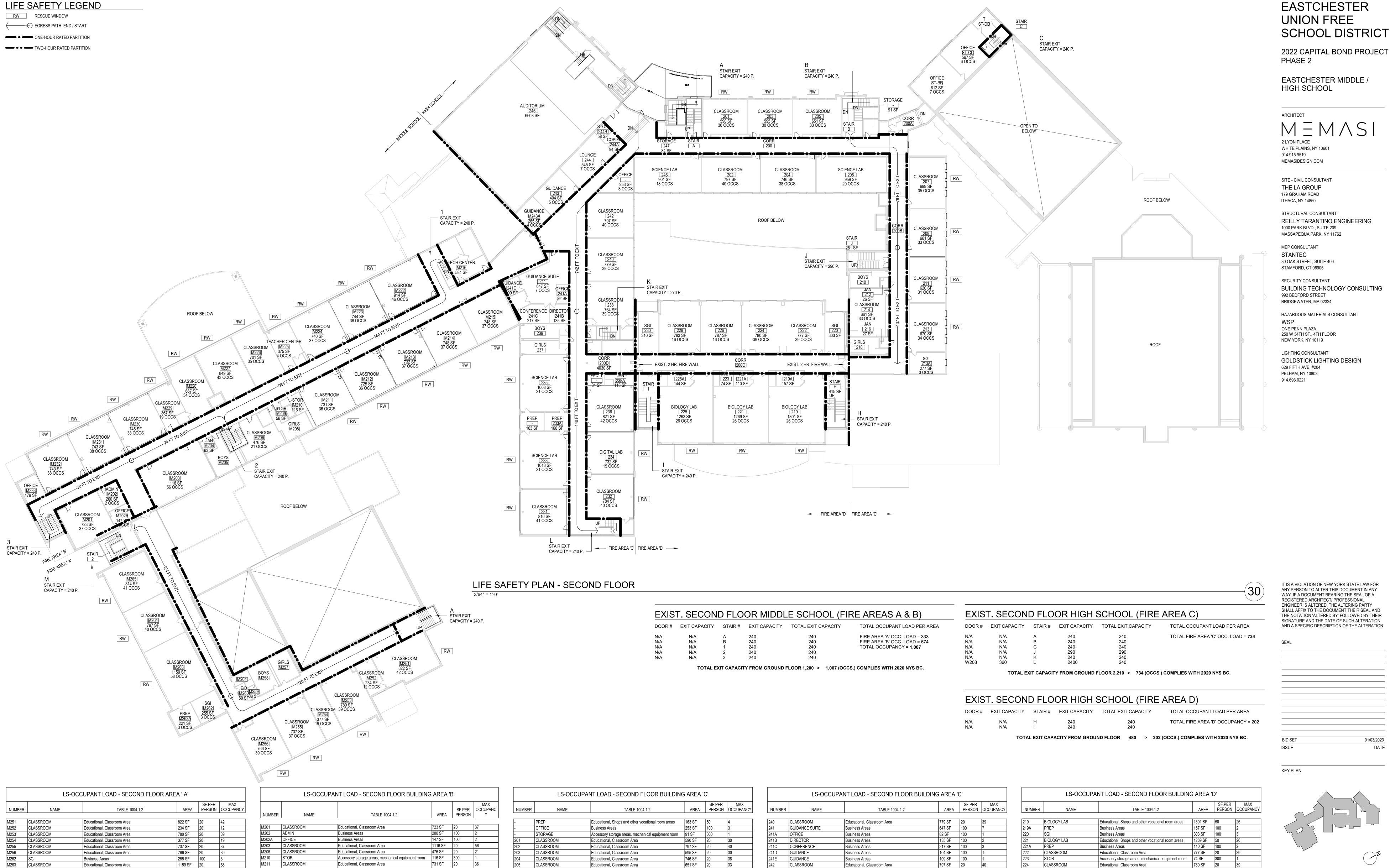
KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

LIFE SAFETY PLAN - FIRST **FLOOR**

LS003



CLASSROOM

SCIENCE LAB

CLASSROOM

CLASSROOM

CLASSROOM

CLASSROOM

LASSROOM

LASSROOM

SCIENCE LAB

DIGITAL LAB

SCIENCE LAB

CLASSROOM

CLASSROOM

Educational, Classroom Area

Business Areas

Business Areas

Educational, Shops and other vocational room areas 1008 SF

Accessory storage areas, mechanical equipment room 118 SF

764 SF

CLASSROOM

GUIDANCE

OUNGE

244A COPIER 244B STOR

246 SCIENCE LAB

247 STORAGE

ST-BB OFFICE

ST-CC OFFICE

TOTAL OCCUPANCY

M243A GUIDANCE

Educational, Classroom Area

Accessory storage areas, mechanical equipment room 58 SF 300

Accessory storage areas, mechanical equipment room 84 SF 300

Educational, Shops and other vocational room areas 901 SF 50

Business Areas

Business Areas

Business Areas

Business Areas

11 CLASSROOM

J212 CLASSROOM

M213 CLASSROOM

M214 CLASSROOM
M215 CLASSROOM

M222 CLASSROOM

M223 CLASSROOM

M226 CLASSROOM

M228 CLASSROOM

M229 CLASSROOM

M230 CLASSROOM

M231 CLASSROOM

M232 CLASSROOM

TOTAL OCCUPANCY

M227 CLASSROOM

CLASSROOM

TEACHER CENTER

Educational, Classroom Area

Business Areas

Business Areas

748 SF

914 SF

667 SF

179 SF 100

CLASSROOM

CLASSROOM

CLASSROOM

TOTAL OCCUPANCY

Educational, Classroom Area

Educational, Classroom Area

Educational, Classroom Area

Business Areas

KEY PLAN

780 SF

310 SF 100

CLASSROOM

BIOLOGY LAB

CLASSROOM

CLASSROOM

TOTAL OCCUPANCY

Educational, Classroom Area

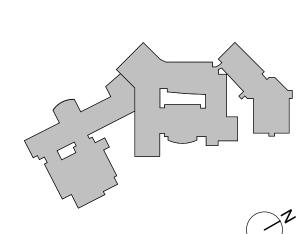
Business Areas

Business Areas

Educational, Shops and other vocational room areas

Educational, Shops and other vocational room areas

Educational, Shops and other vocational room areas

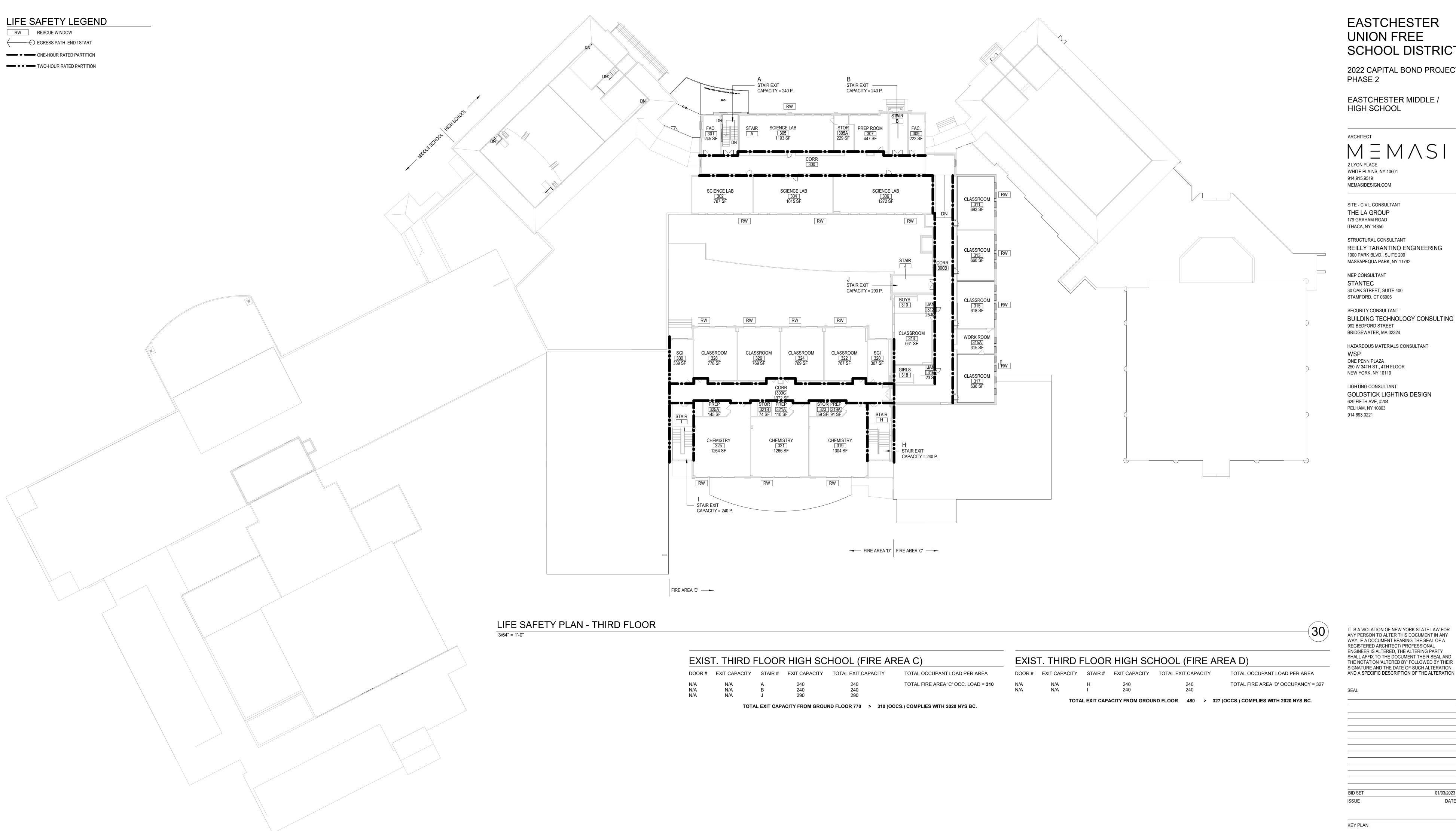


PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

LIFE SAFETY

PLAN - SECOND **FLOOR**

LS004



LS-OCCUPANT LOAD - THIRD FLOOR AREA 'C' AREA SF.PER MAX
PERSON OCCUPANCY NUMBER TABLE 1004.1.2 Educational, Shops and other vocational room areas SCIENCE LAB Educational, Shops and other vocational room areas SCIENCE LAB STOR Educational, Shops and other vocational room areas | 1193 SF | 50 Accessory storage areas, mechanical equipment room 229 SF 300 SCIENCE LAB Educational, Classroom Area PREP ROOM Business Areas Educational, Shops and other vocational room areas CLASSROOM Educational, Classroom Area CLASSROOM Educational, Classroom Area CLASSROOM Educational, Classroom Area 315 CLASSROOM 618 SF 20 Educational, Classroom Area 315A WORK ROOM 317 CLASSROOM 315 SF 100 636 SF 20 Business Areas

Educational, Classroom Area

TOTAL OCCUPANCY

NUMBER	NAME	TABLE 1004.1.2	AREA	SF.PER PERSON	MAX OCCUPANC
319	CHEMISTRY	Educational, Classroom Area	1304 SF	20	66
319A	PREP	Business Areas	91 SF	100	1
320	SGI	Business Areas	307 SF	100	4
321	CHEMISTRY	Educational, Shops and other vocational room areas	1266 SF	50	26
321A			110 SF	100	2
321B	STOR	Accessory storage areas, mechanical equipment room	74 SF	300	1
322	CLASSROOM Educational, Classroom Area		767 SF	20	39
323	STOR	Accessory storage areas, mechanical equipment room	59 SF	300	1
324	CLASSROOM	Educational, Classroom Area	769 SF	20	39
325	CHEMISTRY Educational, Classroom Area		1264 SF	20	64
325A	PREP	Business Areas	145 SF	100	2
326	CLASSROOM	Educational, Classroom Area	769 SF	20	39
328	CLASSROOM	Educational, Classroom Area	778 SF	20	39
330	SGI	Business Areas	339 SF	100	4



2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE /

ARCHITECT

 $M \equiv M \wedge SI$ 2 LYON PLACE WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT THE LA GROUP

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MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

STAMFORD, CT 06905 SECURITY CONSULTANT

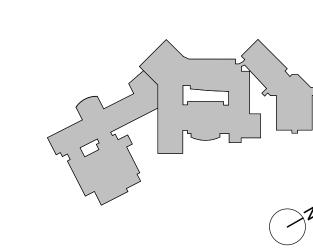
BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT

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

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KEY PLAN

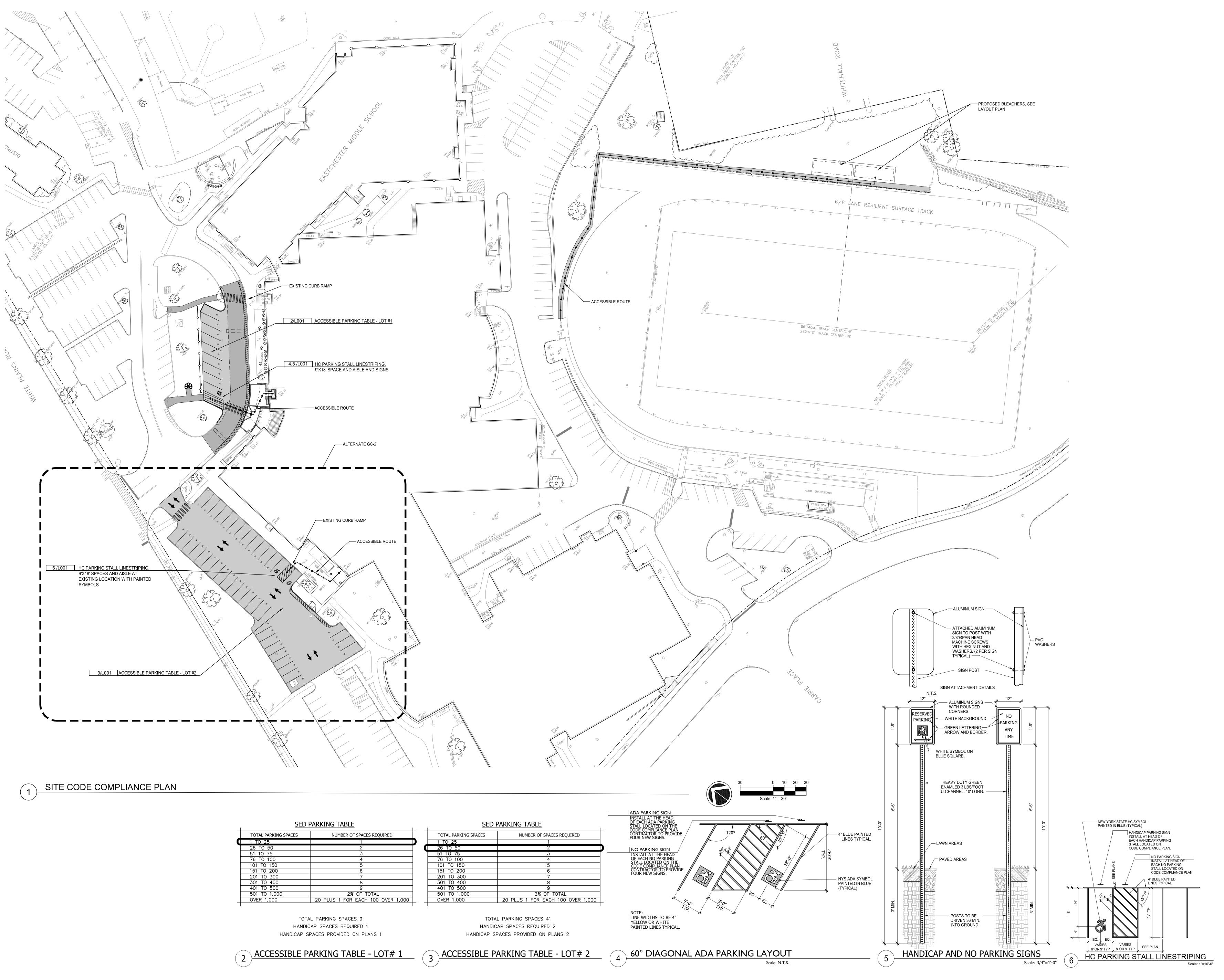


PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

LIFE SAFETY PLAN - THIRD

LS005

FLOOR



EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

ARCHITECT

Solve of the control of the c

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SEAL	
ID SET	01/03/2023
SSUE	DATE

PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

SITE CODE COMPLIANCE PLAN

L001



DEMOLITION DRAWING NOTES:

- 1. REFER TO GENERAL NOTES ON DRAWING L200 FOR ADDITIONAL INFORMATION.
- 2. REFER TO PROJECT MANUAL SECTION 024113 SELECTIVE SITE DEMOLITION FOR ADDITIONAL INFORMATION.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE OWNER'S REPRESENTATIVE ON ALL MATERIALS TO BE REMOVED AND RECYCLED/DISPOSED OF OFF SITE. ALL HANDLING OF MATERIALS TO BE REMOVED, RECYCLED, OR DISPOSED OF MUST BE DONE SO IN A SAFE, LEGAL MANNER, IN ACCORDANCE WITH ALL LOCAL, COUNTY, STATE, FEDERAL AND ANY OTHER APPLICABLE REGULATIONS.
- 4. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE UNLESS OTHERWISE NOTED.
- 5. EXISTING ITEMS INDICATED TO BE SALVAGED OR STOCKPILED SHALL BE CAREFULLY REMOVED AND STORED AS DIRECTED BY
- 6. TREE, SHRUB AND VEGETATION REMOVAL SHALL INCLUDE THE FILLING, CUTTING, GRUBBING OUT OF ENTIRE ROOT SYSTEM AND SATISFACTORY OFF-SITE DISPOSAL OF ALL TREES, SHRUBS, STUMPS, VEGETATIVE AND EXTRANEOUS DEBRIS PRODUCED THROUGH THE REMOVAL OPERATIONS. FELL TREES IN SUCH A WAY AS TO NOT DAMAGE ADJACENT BUILDINGS OR OTHER TREES TO BE SAVED.
- 7. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE INSIDE AND OUTSIDE THE LIMIT OF WORK DUE TO THEIR CONTRACT OPERATIONS.
- 8. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.
- 9. CONTRACTOR SHALL MAINTAIN NECESSARY TRAFFIC CONTROL DEVICES, DRUMS, DELINEATORS, SIGNS, FENCES, AND BARRICADES IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL MUTCD WITH NYS SUPPLEMENT TO PROPERLY PROTECT WORK, EQUIPMENT, PERSONS, AND PROPERTY FROM
- 10. BEFORE ANY CLEARING IS DONE, THE CONTRACTOR SHALL ARRANGE A CONFERENCE ON THE SITE WITH THE LANDSCAPE ARCHITECT TO IDENTIFY TREES WHICH ARE TO BE PROTECTED OR REMOVED. DO NO START CLEARING WITHOUT A THOROUGH UNDERSTANDING OF EXISTING CONDITIONS TO BE PRESERVED.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND PLANTS DESIGNATED TO REMAIN FOR THE LENGTH OF THE CONSTRUCTION PERIOD AND SHALL, AT A MINIMUM, INSTALL TREE PROTECTION FENCE IN ACCORDANCE WITH PROJECT PLANS, DETAILS AND SPECIFICATIONS. VEHICLES SHALL NOT BE PARKED WITHIN THE DRIP LINE OR WHERE DAMAGE MAY RESULT TO TREES TO BE SAVED, AND CONSTRUCTION MATERIALS SHALL NOT BE STORED BENEATH TREES TO BE SAVED.
- 12. THE CONTRACTOR SHALL REVIEW THE LOCATIONS OF THE TREE PROTECTION FENCING FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INITIATION OF SITE WORK OPERATIONS.
- 13. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH AND SHARP EDGE AND PROTECTED UNTIL ABUTTING MATERIALS ARE INSTALLED.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

 $M \equiv M \wedge SI$ WHITE PLAINS, NY 10601

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607.277.4000

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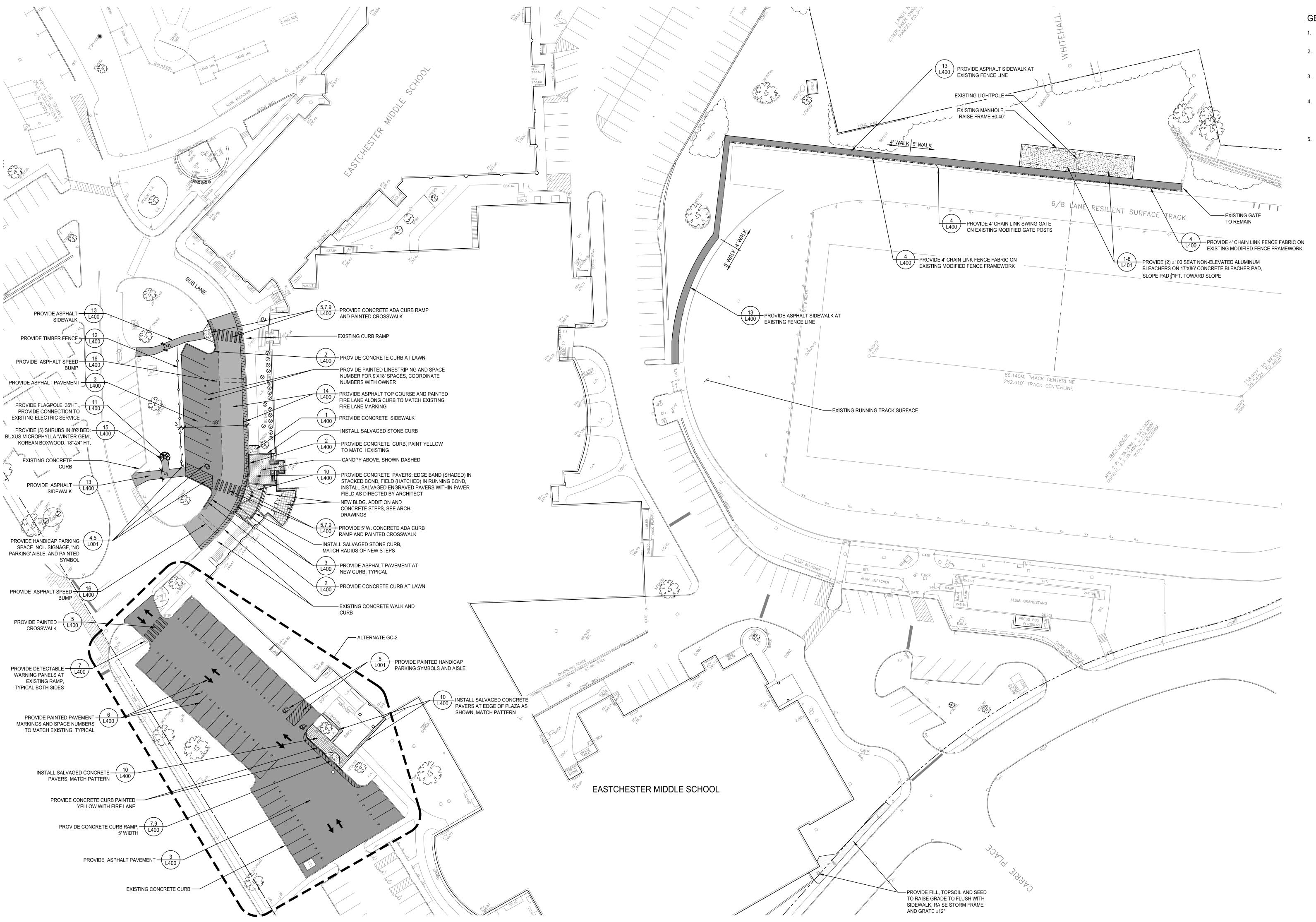
ALTERATION.

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-	
BID SET	01/03/2023
	0 17 0 07 2 0 2 0
IOOUE	DATE
ISSUE	DATE

66-03-01-03-0-003-030 MEMASI PROJECT NO.

SITE DEMOLITION PLAN

L100



SITE LAYOUT PLAN

GENERAL NOTES:

- REFER TO GENERAL NOTES ON DRAWING L100 FOR ADDITIONAL INFORMATION.
- ALL LINE AND GRADE INFORMATION SHALL BE LAID OUT BY A NEW YORK STATE REGISTERED
- SURVEYOR ENGAGED BY THE PRIME CONTRACTOR.

 3. ALL NEW WORK SHALL BE STAKED OUT PRIOR TO CONSTRUCTION. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES.
- 4. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE MEASURED TO/FROM FENCING CENTER LINES WHERE APPLICABLE.
- 5. FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE AND IF NECESSARY APPROPRIATE MUNICIPAL OFFICIALS.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

ARCHITECT

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WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT
THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850
607.277.4000

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KEY PLAN

PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

SITE LAYOUT PLAN

L200



GENERAL NOTES:

- REFER TO DRAWING L200 FOR ADDITIONAL GENERAL NOTE INFORMATION.
- ALL LINE AND GRADE INFORMATION SHALL BE LAID OUT BY A NEW YORK STATE REGISTERED SURVEYOR ENGAGED BY THE PRIME CONTRACTOR.
- 3. ALL EXISTING UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VERTICAL & HORIZONTAL POSITION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

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KEY PLAN

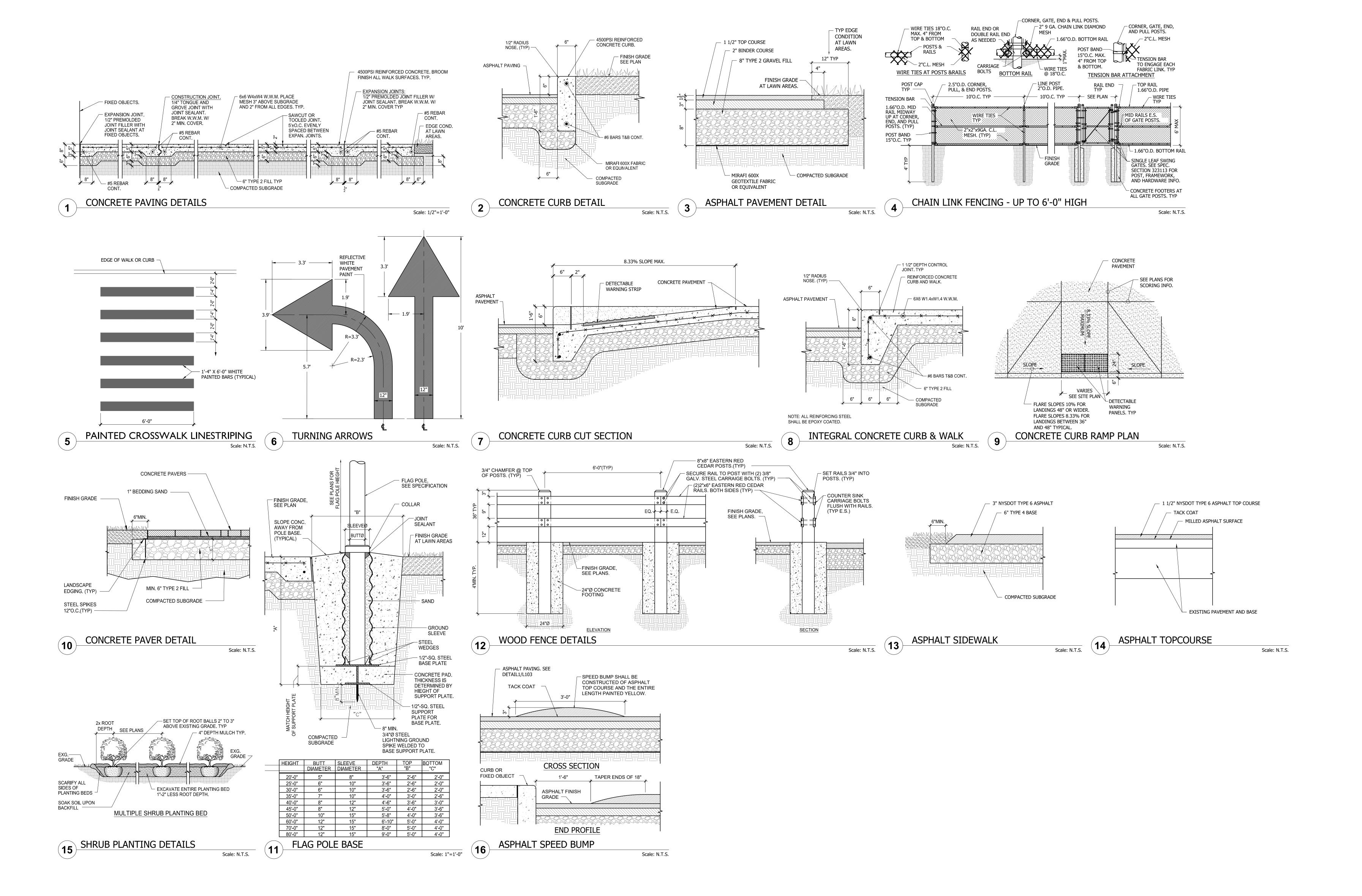
66-03-01-03-0-003-030

SITE GRADING PLAN

L300

PROJECT NO.

MEMASI PROJECT NO.



EASTCHESTER UNION FREE SCHOOL DISTRICT

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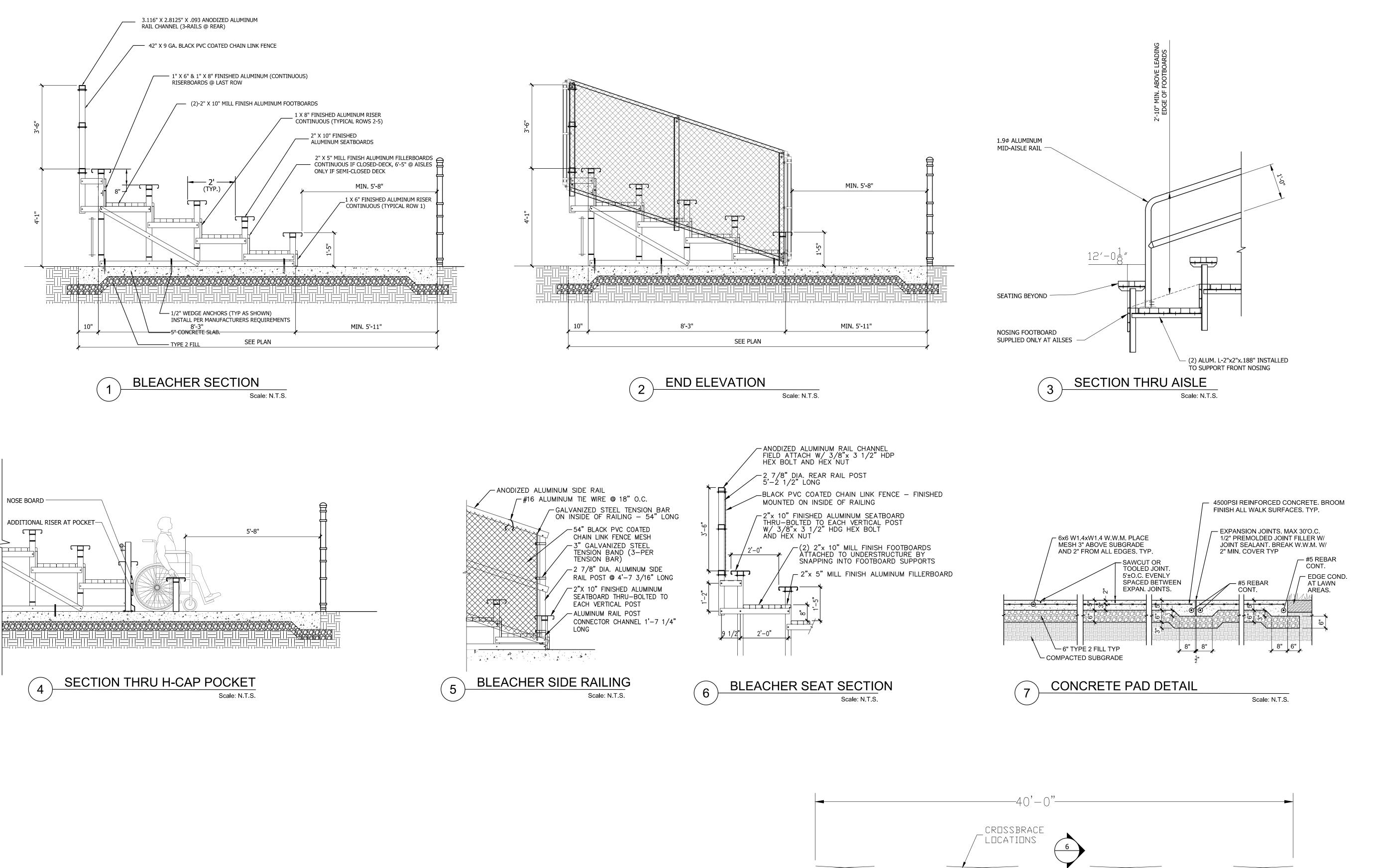
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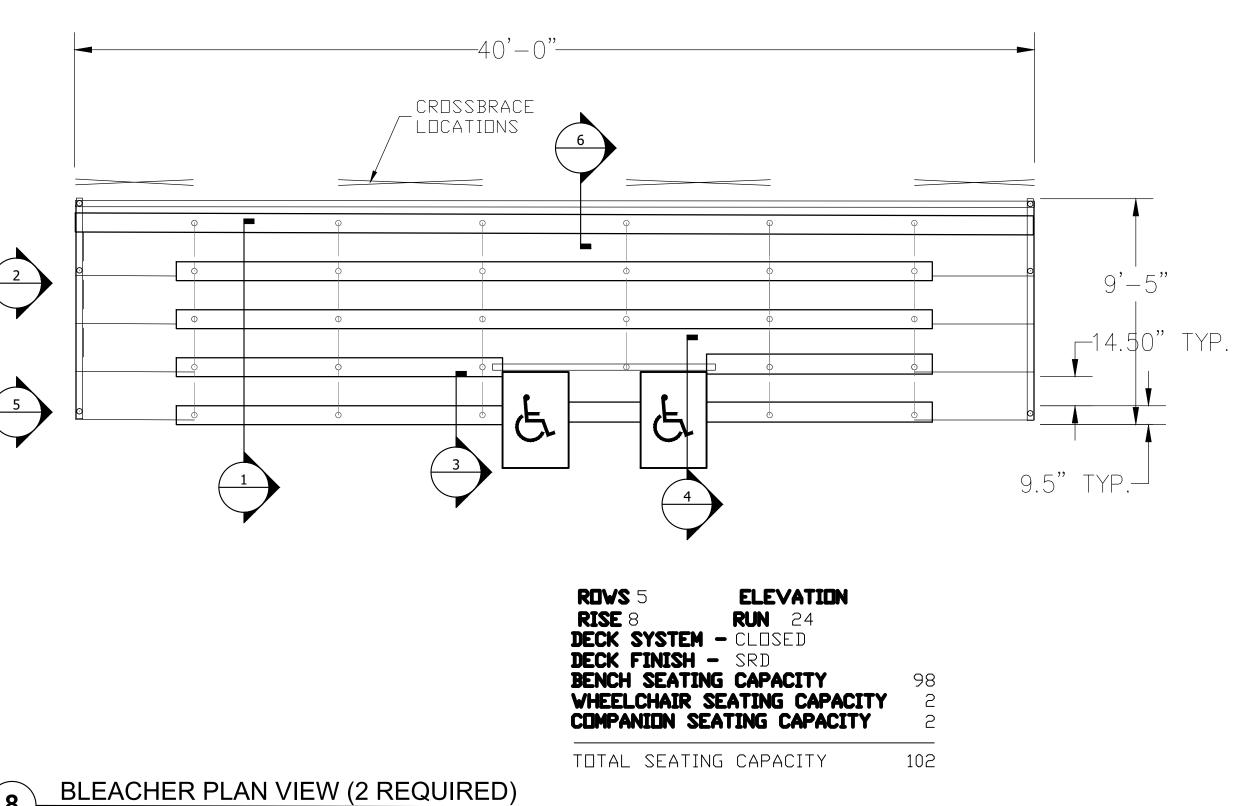
PROJECT NO. 66-03-01-03-0-003-030

SITE DETAILS

L400

MEMASI PROJECT NO.





EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

ARCHITECT

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ISSUE	

PROJECT NO.	66-03-01-03-0-003-030
MEMASI PRO JECT NO	102-2201

BLEACHER DETAILS

L401

ASBESTOS ABATEMENT GENERAL NOTES

GENERAL NOTES:

1. ASBESTOS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, GUIDELINES, REGULATIONS, ORDERS AND DIRECTIVES, INCLUDING, BUT NOT LIMITED TO THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), AND U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH), AND NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL).

2. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, SERVICES, ETC., NECESSARY TO PERFORM THE WORK REQUIRED FOR ASBESTOS ABATEMENT IN ACCORDANCE WITH CONTRACT DOCUMENTS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

3. THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A WRITTEN STANDARD PROCEDURE FOR ABATEMENT WORK TO ENSURE MAXIMUM PROTECTION AND SAFEGUARD FROM ASBESTOS EXPOSURE OF THE WORKERS. VISITORS. EMPLOYEES. GENERAL PUBLIC. AND THE ENVIRONMENT.

4. THE CONTRACTOR SHALL PROVIDE SIGNS, LABELS, WARNINGS, AND POST INSTRUCTIONS THAT ARE NECESSARY TO PROTECT, INFORM AND WARN PEOPLE OF THE HAZARD FROM ASBESTOS EXPOSURE. POST IN A PROMINENT AND CONVENIENT PLACE FOR THE WORKERS A COPY OF THE LATEST APPLICABLE REGULATIONS FROM OSHA, EPA, NIOSH AND NYSDOL.

5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.

6. THE CONTRACTOR SHALL RELOCATE ALL FURNITURE, LOCKERS, DESKS AND OTHER MISC. ITEMS IN AND OUT OF THE WORK AREAS TO ACCOMMODATE ASBESTOS REMOVAL ACTIVITIES.

7. THE CONTRACTOR SHALL PROVIDE ALL ELECTRICAL, WATER, AND WASTE CONNECTIONS, TIE-INS, EXTENSIONS, CONSTRUCTION MATERIALS, SUPPLIES, ETC. AS REQUIRED TO FACILITATE ASBESTOS REMOVAL.

8. THE CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRIC AND LIGHT THROUGHOUT THE WORK AREA(S) AS REQUIRED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND CODES.

9. THE CONTRACTOR SHALL ESTABLISH CRITICAL BARRIERS OVER ALL OPENINGS LOCATED INSIDE THE PARTICULAR WORK AREA AS WELL AS INSIDE THE SCHOOL.

10. THE CONTRACTOR SHALL PROPERLY PROTECT ALL CONTROLS, TUBING, ELECTRICAL PANELS, EQUIPMENT, ETC. WITHIN THE WORK AREA.

11. THE CONTRACTOR SHALL BE REQUIRED TO ISSUE NON-WHITE WORK COVERALLS FOR ALL ABATEMENT WORKERS.

12. THE CONTRACTOR SHALL EXERCISE EXTREME CARE AND CAUTION DURING ANY AND ALL DEMOLITION AND ABATEMENT OPERATIONS. THE CONTRACTOR SHALL CONDUCT REMOVAL OF ALL MATERIALS FROM THE SITE WITH MINIMUM DISTURBANCE; PROVIDE PROPER PROTECTION AND REGULAR MAINTENANCE OF ALL BUILDING PREMISES DIRECTLY OR INDIRECTLY ASSOCIATED WITH ABATEMENT OPERATIONS.

13. THE CONTRACTOR SHALL LOCATE AND SEAL ALL PENETRATIONS THROUGH WALLS BETWEEN THE WORK AREA AND ADJACENT AREAS. INCLUDING, BUT NOT LIMITED TO PIPE, DUCT, CONDUIT, CHASES, AND OPENINGS IN FIRE WALLS OR DECKS BETWEEN FLOORS AS REQUIRED BY THE FIELD CONDITIONS.

14. THE CONTRACTOR SHALL USE A WATER SPRAYER TO WET ASBESTOS-CONTAINING MATERIALS INSIDE THE WORK AREA.

15. THE CONTRACTOR SHALL CONSTRUCT A PERSONAL/WASTE DECONTAMINATION ENCLOSURE SYSTEM (P./W.D.E.S.) AS INDICATED. IT SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE STORAGE OF MATERIALS, EQUIPMENT. ETC.

16. SHOWER WATER AND WASTE WATER MUST BE FILTERED AND DISPOSED OF IN THE BUILDING'S SANITARY SYSTEM. REFER TO CONTRACT SPECIFICATIONS.

17. IF WATER IS NOT AVAILABLE, THE CONTRACTOR SHALL PROVIDE A 55-GALLON WATER TANK FOR THE DECONTAMINATION UNIT.

18. THE CONTRACTOR SHALL UTILIZE GFCI PANEL CONNECTIONS AT THE SOURCE OUTLET WHEN ACCESSING TEMPORARY POWER.

19. THE CONTRACTOR SHALL SUPPLY ALL NECESSARY CONNECTIONS, FASTENERS, FLEXIBLE DUCTS, MANIFOLDS, SUPPORTS, ETC. ANY AND ALL INSTALLATIONS SHALL COMPLY WITH CONTRACT DOCUMENTS AND MANUFACTURER'S REQUIREMENTS.

20. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE TEMPORARY WATER AND POWER SOURCES PRIOR TO ABATEMENT ACTIVITIES.

21. DEBRIS RESULTING FROM ANY DEMOLITION AND/OR ASBESTOS ABATEMENT ACTIVITIES SHALL BE DISPOSED OF AS ASBESTOS CONTAMINATED WASTE.

22. NO WASTE SHALL BE STORED ON SITE OR INSIDE THE DECONTAMINATION UNIT BETWEEN SHIFTS. WASTE SHALL BE DOUBLE BAGGED BEFORE PROCEEDING TO THE CONTAINER AND/OR DECON. BAGS WILL BE MOVED FROM WORK AREAS TO THE WASTE DECON AND SUBSEQUENTLY TO THE CONTAINER IN COVERED CARTS. BAGS WILL BE CARRIED BY HAND ONLY WHEN NECESSARY. ALL WASTE SHALL BE CONTAINERIZED AT THE

23. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE AND CONFIRM THE EXACT SCOPE OF WORK FOR EACH PHASE OF ABATEMENT WITH THE GENERAL CONTRACTOR AND OTHER TRADES.

24. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, TOOLS, TRANSPORTATION AND ANY OTHER EQUIPMENT REQUIRED AND/OR NECESSARY TO COMPLETE ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS.

25. THE LOCATION OF THE PERSONAL/WASTE DECONTAMINATION UNITS, AIRLOCKS, ETC. IS SHOWN FOR REFERENCE PURPOSES. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD.

26. ASBESTOS ABATEMENT INDICATED IN THE DRAWING #H-003.00 , #H-013.00 WILL BE DONE IN ACCORDANCE WITH 12 NYCRR PART 56 AND SHALL BE PERFORMED BY A NYSDOL LICENSED ASBESTOS CONTRACTOR.

27. THE CONTRACTOR SHALL REMOVE ALL LAYERS OF ASBESTOS FLOORING AND MASTIC MATERIALS DOWN TO SUBSTRATE.

28. ABATEMENT CONTRACTOR WILL REMOVE ALL VAT FLOORING AND MASTIC UP TO FIXED PERIMETER CASEWORK (e.g. IN SCIENCE ROOMS). ANY ISLAND TEACHER STATIONS WILL BE TEMPORARILY REMOVED (DISCONNECT ANY UTILITIES), ABATED BENEATH AND REINSTALLED BY GC AFTER NEW FLOORING IS INSTALLED. ABATEMENT CONTRACTOR TO REMOVE ANY VAT AND ASSOCIATED MASTIC PROJECTING BENEATH UNIT VENTILATORS.

29. ALL ABATEMENT WORK ON DRAWINGS H-001 THROUGH H-009 IS BY GENERAL WORK CONTRACTOR.

END OF EACH WORK SHIFT BEFORE RELINQUISHING TO WASTE HAULER.

30. ALL ABATEMENT WORK ON DRAWINGS H-010 THROUGH H-013 IS BY WINDOW WORK CONTRACTOR.

DRAWING	DRAWING NAME
H-001.00	ASBESTOS ABATEMENT - GENERAL NOTES
H-002.00	ASBESTOS ABATEMENT - ACM TABLES
H-003.00	ASBESTOS ABATEMENT - MIDDLE SCHOOL FIRST FLOOR PLAN
H-004.00	ASBESTOS ABATEMENT - MIDDLE SCHOOL SECOND FLOOR PLAN
H-005.00	ASBESTOS ABATEMENT - MIDDLE SCHOOL BUILDING ELEVATION
H-006.00	ASBESTOS ABATEMENT - HIGH SCHOOL BASEMENT FLOOR PLAN
H-007.00	ASBESTOS ABATEMENT - HIGH SCHOOL FIRST FLOOR PLAN
H-008.00	ASBESTOS ABATEMENT - HIGH SCHOOL SECOND FLOOR PLAN
H-009.00	ASBESTOS ABATEMENT - HIGH SCHOOL THIRD FLOOR PLAN
H-010.00	ASBESTOS ABATEMENT - HIGH SCHOOL EXTERIOR ELEVATIONS
H-011.00	ASBESTOS ABATEMENT - HIGH SCHOOL EXTERIOR ELEVATIONS
H-012.00	ASBESTOS ABATEMENT - HIGH SCHOOL EXTERIOR ELEVATIONS
H-013.00	ASBESTOS ABATEMENT - HIGH SCHOOL COURTYARD ELEVATIONS

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

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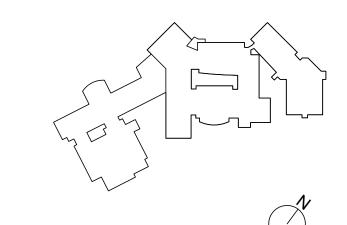
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01/03/2023

KEY PLAN



MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS **ABATEMENT GENERAL NOTES**

H-001.00

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

WORK AREA #	LOCATION	ASBESTOS- CONTAINING MATERIAL	APPROXIMATE QUANTITY (SF - Square Feet LF - Linear Feet)	REMOVAL PROCEDURE	
1	MIDDLE SCHOOL 1 ST FLOOR HALLWAY	ACOUSTICAL CEILING PLASTER	1,100 SF	NYS DOL 12 NYCRR PART 56 FULL CONTAINMENT PROCEDURES	
2	MIDDLE SCHOOL ROOM 110	MASTIC ASSOC. WITH 12"X12" FLOOR TILES, CONTAMINATED 12"X12" FLOOR TILES	383 SF	NYS DOL 12 NYCRR PART 56 §11.7 PROCEDURES FOR NON-FRIABLE FLOORING AND/OR MASTIC REMOVAL	
	MIDDLE SCHOOL 2 ND FLOOR HALLWAY	ACOUSTICAL CEILING PLASTER	3,600 SF	NYS DOL 12 NYCRR PART 56 FULL CONTAINMENT PROCEDURES	
3	MIDDLE SCHOOL ROOMS 211, 212, 213, 222, 223, 232	9"X9" FLOOR TILES AND ASSOC. MASTIC	4,600 SF	NYS DOL 12 NYCRR PART 56 §11.7	
	MIDDLE SCHOOL ROOMS 230, 231	9"X9" FLOOR TILES AND ASSOC. MASTIC, CONTAMINATED CARPET AND ASSOC. MASTIC	1,500 SF	PROCEDURES FOR NON- FRIABLE FLOORING AND/OR MASTIC REMOVA	
4	MIDDLE SCHOOL EXTERIOR THROUGHOUT	WEATHERPROOFING TAR ON BRICK WALLS, EXPANSION JOINT CAULKING	10 SF / 25 LF	NYS DOL 12 NYCRR PART 56 §11.6 EXTERIOR PROJECT REMOVAL OF NON-FRIABLE ACM ROOFING, SIDING, CAULKING, GLAZING, COMPOUND, TRANSITE, TARS, SEALERS, COATING, AND OTHER NOB ACMS	
5A and 5B	HIGH SCHOOL BASEMENT GYMNASIUM	METAL FIRE DOOR INSULATION	300 SF	NYS DOL 12 NYCRR PART 56 §7.11 TENT REMOVAL PROCEDURE	
6	HIGH SCHOOL 1 ST FLOOR HALLWAY	12"X12" FLOOR TILES	240 SF	NYS DOL 12 NYCRR PART 56 FULL	
6	BEHIND AUDITORIUM STAGE (CORR 68)	ACOUSTICAL CEILING PLASTER	240 SF	CONTAINMENT PROCEDURES	

WORK AREA #	LOCATION	ASBESTOS- CONTAINING MATERIAL	APPROXIMATE QUANTITY (SF - Square Feet LF - Linear Feet)	REMOVAL PROCEDUR
		ACOUSTICAL CEILING PLASTER	2,100 SF	NYS DOL 12 NYCRR PART 56 FULL CONTAINMENT PROCEDURES
		FIRE DOOR INSULATION	25 SF / 1 DOOR	NYS DOL 12 NYCRR PART 56 FULL CONTAINMENT PROCEDURES
7	HIGH SCHOOL 1 ST FLOOR HALLWAY	RUST INHIBITOR ON LINTELS, WINDOW LINTEL CAULKING, WEATHERPROOFING TAR/PAER BEHIND OUTER WALLS	30 SF	NYS DOL 12 NYCRR PART 56 §11.6 EXTERIOR PROJECT REMOVAL OF NON- FRIABLE ACM ROOFING SIDING, CAULKING, GLAZING, COMPOUND TRANSITE, TARS, SEALERS, COATING, AND OTHER NOB ACM
8	HIGH SCHOOL SHARED WING, 1 ST FLOOR ROOMS 125, 127, 127A, 128, 129, 130	9"X9" FLOOR TILES AND ASSOC. MASTIC	4,800 SF	NYS DOL 12 NYCRR PART 56 §11 PROCEDURES FOR NON-FRIABLE FLOORING AND/OR MASTIC REMOVAL
9	HIGH SCHOOL ROOM 209	9"X9" FLOOR TILES AND ASSOC. MASTIC	670 SF	NYS DOL 12 NYCRR PART 56 §11 PROCEDURES FOR NON-FRIABLE FLOORING AND/OR MASTIC REMOVAL
10	HIGH SCHOOL ROOMS 231, 232, 236	9"X9" FLOOR TILES AND ASSOC. MASTIC	2,430 SF	NYS DOL 12 NYCRR PART 56 §11 PROCEDURES FOR NON-FRIABLE FLOORING AND/OR MASTIC REMOVAL
11	HIGH SCHOOL ROOMS 311, 313, 315, 317	9"X9" FLOOR TILES AND ASSOC. MASTIC, CONTAMINATED CARPET AND ASSOC. MASTIC	2,700 SF	NYS DOL 12 NYCRR PART 56 §11 PROCEDURES FOR NON-FRIABLE FLOORING AND/OR MASTIC REMOVAL
12	HIGH SCHOOL EXTERIOR THROUGHOUT	RUST INHIBITOR ON LINTELS, WINDOW LINTEL CAULKING, WEATHERPROOFING TAR/PAER BEHIND OUTER WALLS	970 SF	NYS DOL 12 NYCRR PART 56 §11.6 EXTERIOR PROJECT REMOVAL OF NON- FRIABLE ACM ROOFING SIDING, CAULKING, GLAZING, COMPOUND TRANSITE, TARS, SEALERS, COATING, AND OTHER NOB ACM

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

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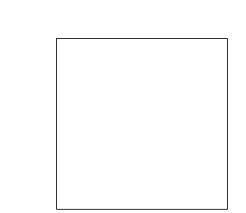
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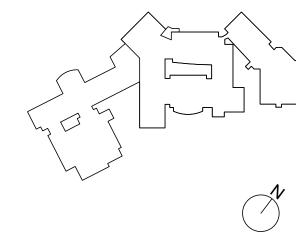


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01/03/2023

KEY PLAN

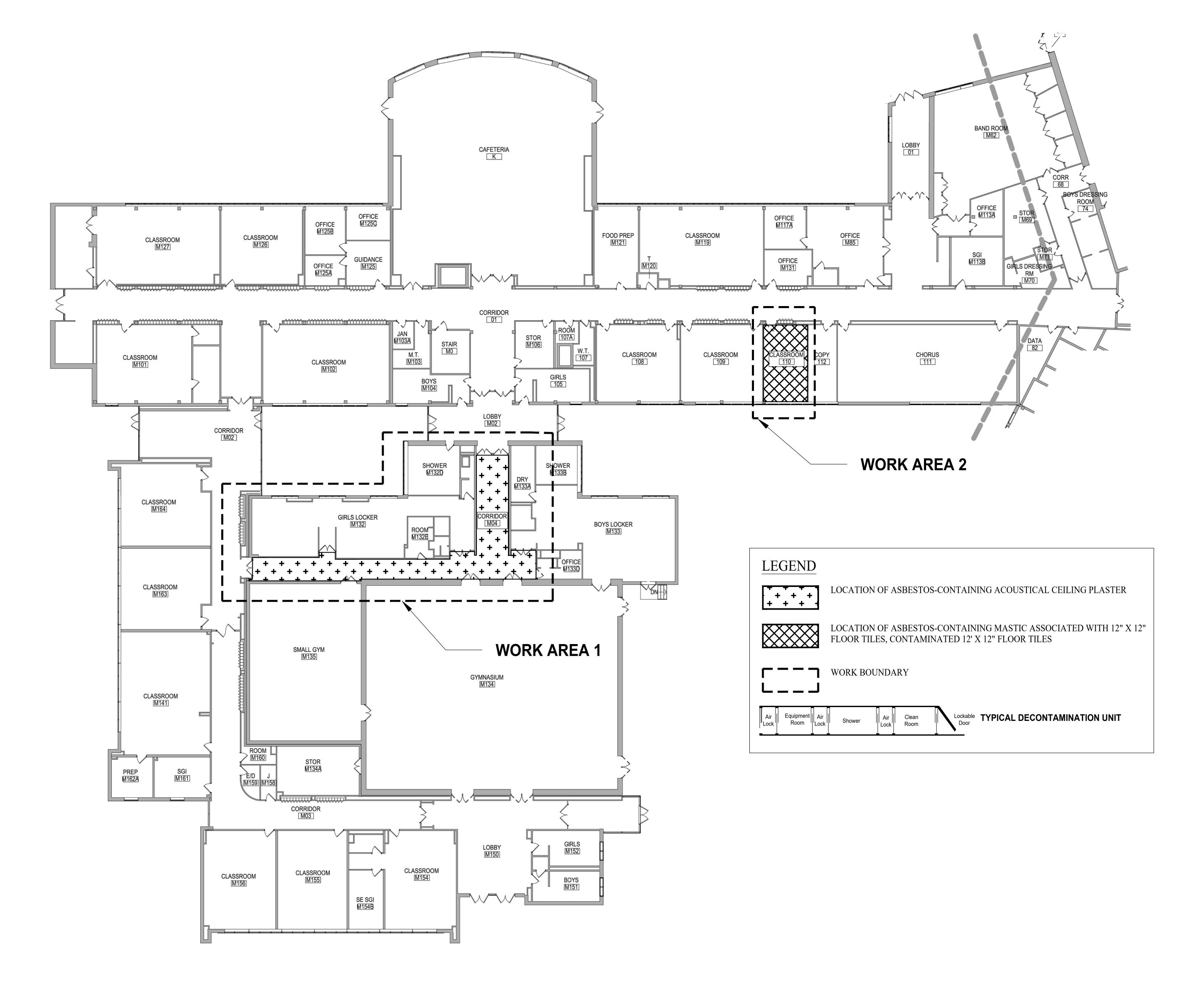


66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202.05

ASBESTOS ABATEMENT **ACM TABLES**

H-002.00

PROJECT DESIGNER: STEVEN EGET NYS 06-06432



FIRST FLOOR PLAN

3/32" =1'-0"

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

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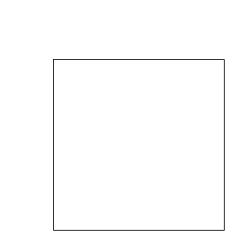
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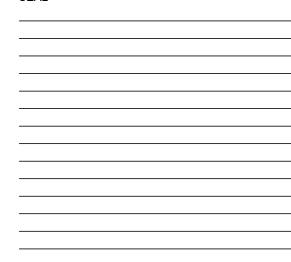
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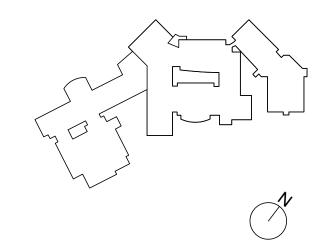


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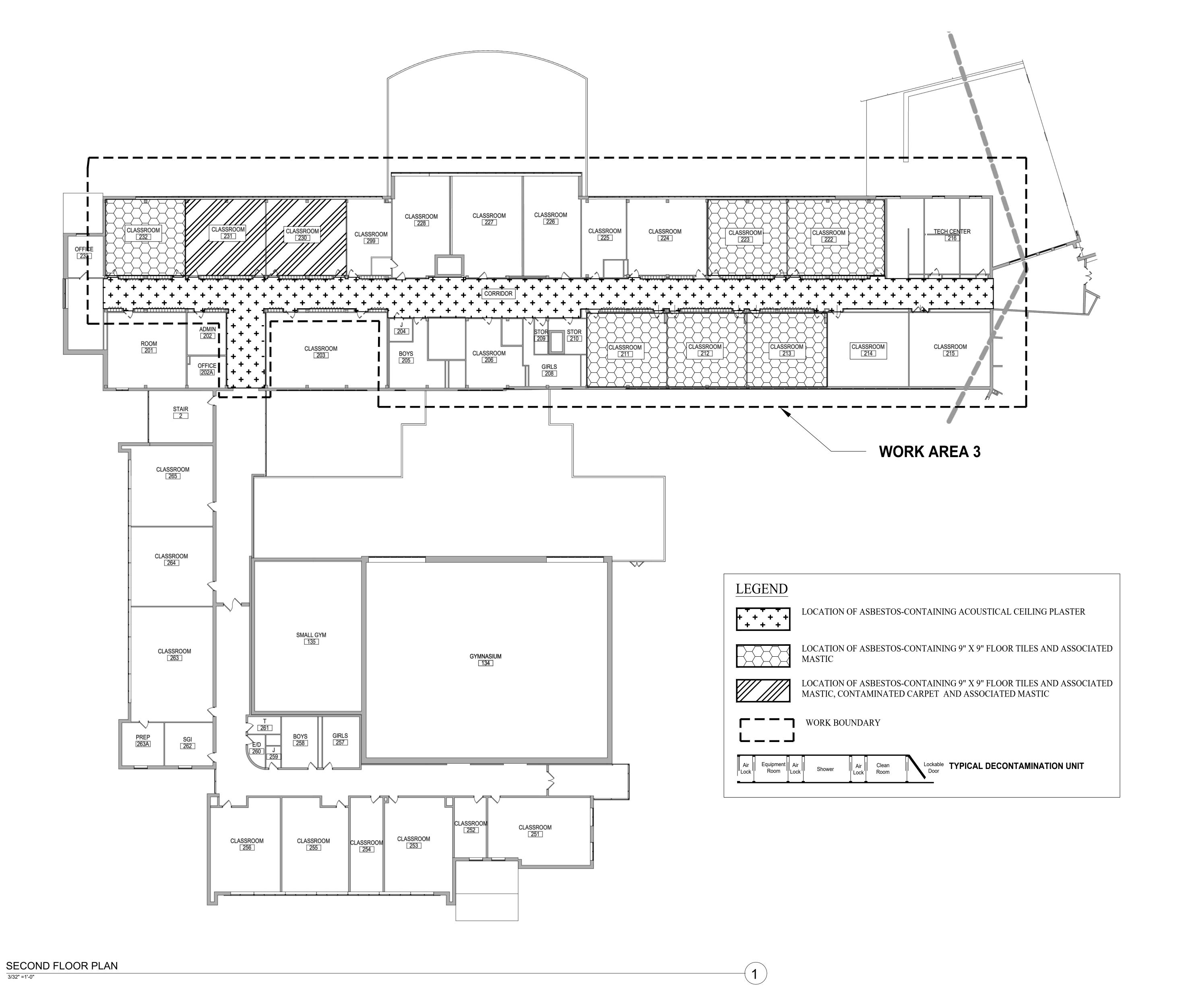


PROJECT NO. 66-03-01-03-0-003-029

MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS
ABATEMENT
FIRST FLOOR
PLAN

H-003.00



PROJECT DESIGNER: STEVEN EGET NYS 06-06432

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2022 CAPITAL BOND **PROJECT**

PHASE 2 MIDDLE SCHOOL

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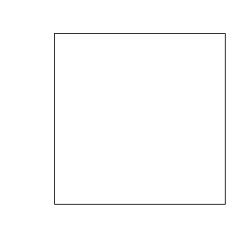
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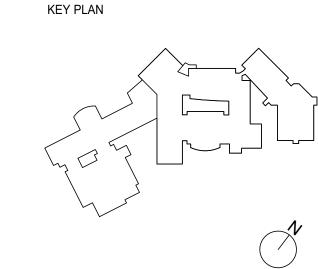
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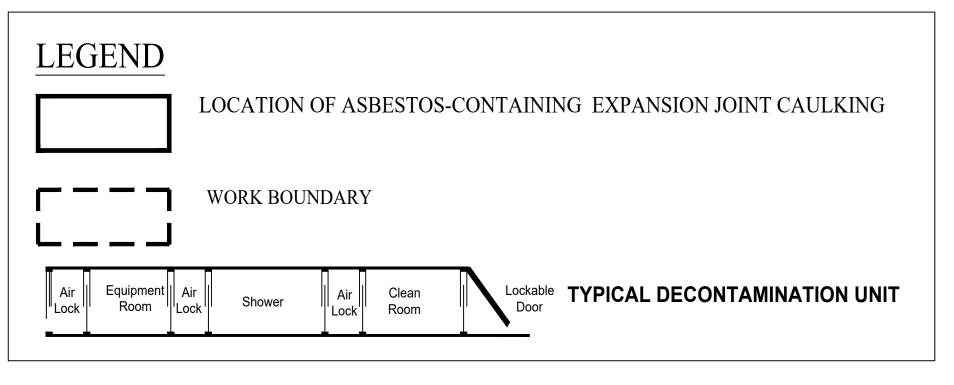
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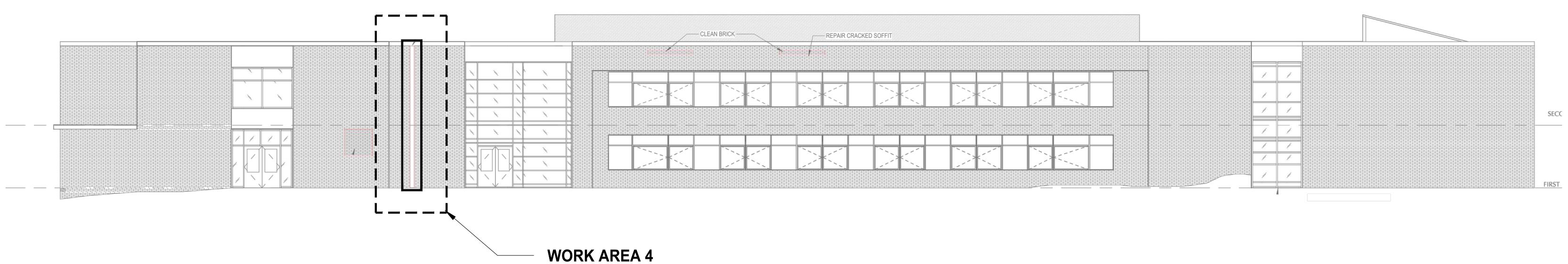


PROJECT NO. MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS **ABATEMENT** SECOND FLOOR PLAN

H-004.00





BUILDING ELEVATION

1" =12'-0"

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

PHASE 2 MIDDLE SCHOOL

ARCHITECT

2 LYON PLACE
WHITE PLAINS, NY 10601

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

MEMASIDESIGN.COM

914.915.9519

607.277.4000

STRUCTURAL CONSULTANT

REILLY TARANTINO ENGINEERING
100 PARK BOULEVARD, #209

MASSAPEQUA PARK, NY 11762

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

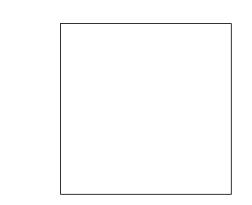
BRIDGEWATER, MA 02324

617.799.4309

631.738.1200

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET

HAZARDOUS MATERIALS CONSULTANT
WSP
250 WEST 34TH STREET, 4TH FLOOR
NEW YORK, NY 10119
212.612.7900



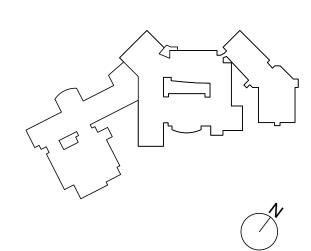
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01/03/2023 DATE

SSUE

KEY PLAN



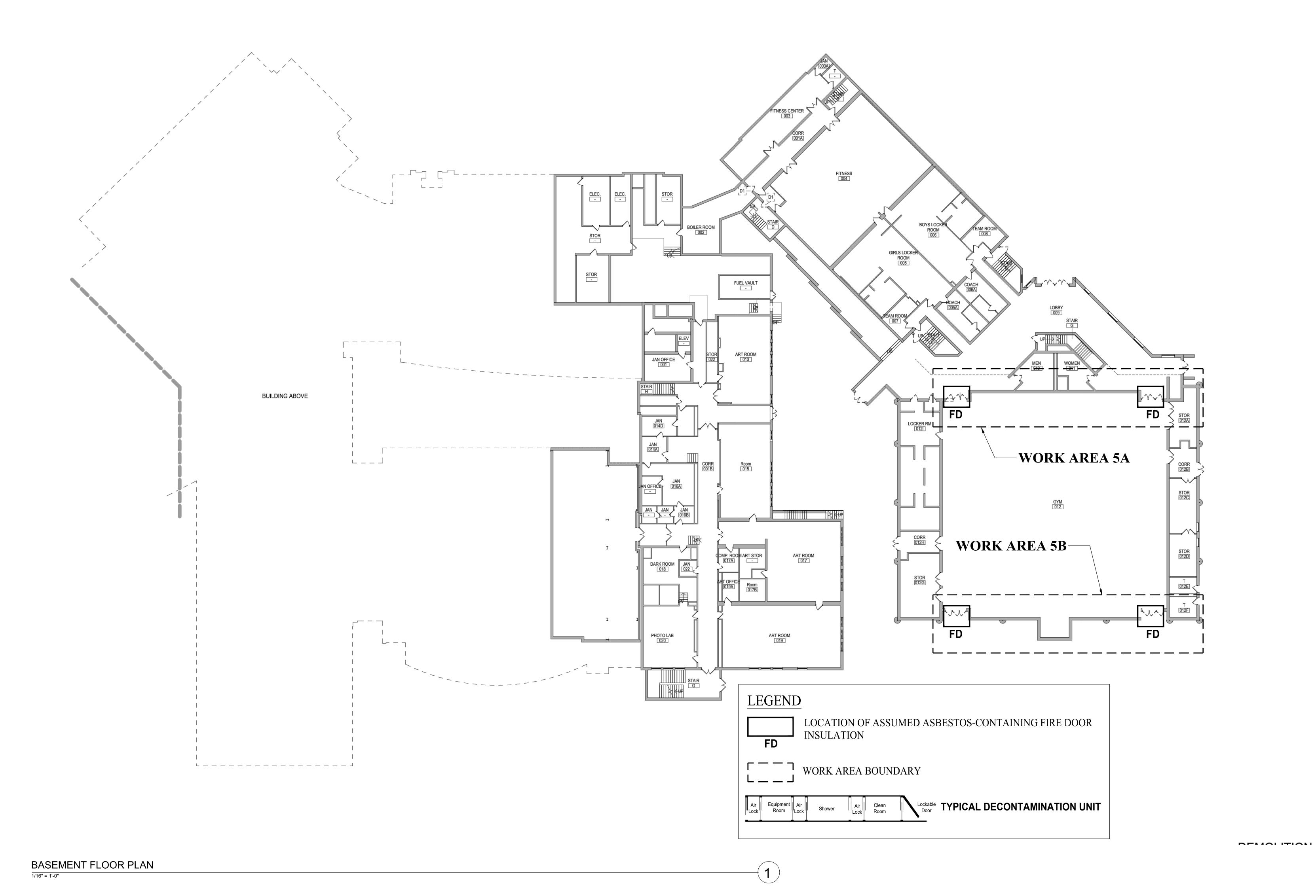
PROJECT NO. 66-03-01-03-0-003-029

MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS ABATEMENT

BUILDING ELEVATION

H-005.00



PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

PHASE 2 HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$

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

SITE - CIVIL CONSULTANT
THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850
607.277.4000

STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
100 PARK BOULEVARD, #209
MASSAPEQUA PARK, NY 11762

631.738.1200

MEP CONSULTANT

STANTEC

30 OAK STREET, SUITE 400

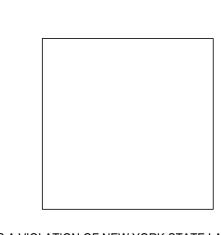
STAMFORD, CT 06905

203.352.1717

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324
617.799.4309

HAZARDOUS MATERIALS CONSULTANT

250 WEST 34TH STREET, 4TH FLOOR NEW YORK, NY 10119 212.612.7900



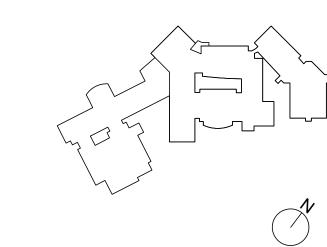
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SEAL

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BID SET 01/03/2023
ISSUE DATE

KEY PLAN

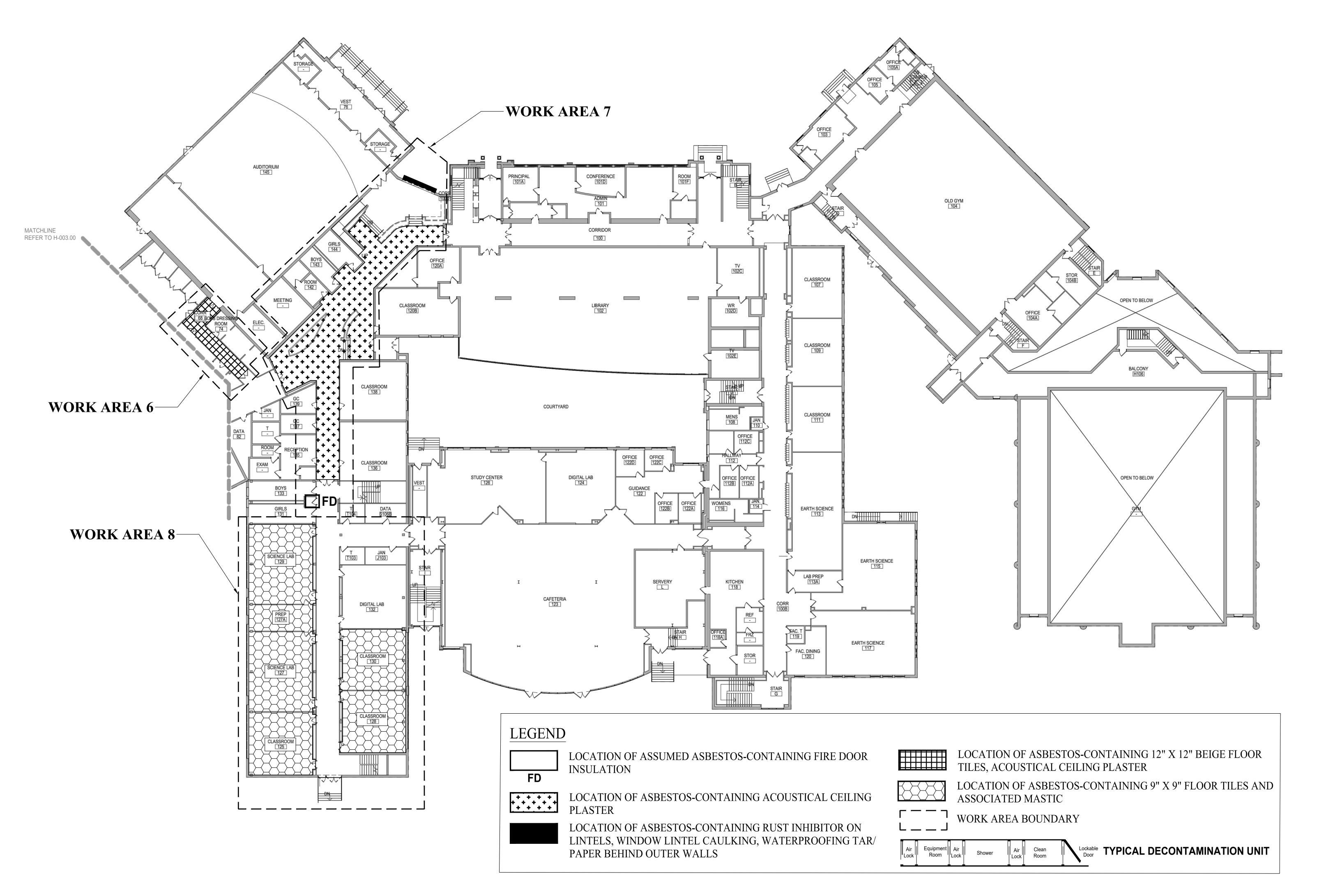


PROJECT NO. 66-03-01-03-0-003-029

MEMASI PROJECT NO. 102-2202.01 & 102-2202-2

ASBESTOS
ABATEMENT
BASEMENT
FLOOR PLAN

H-006.00



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

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND **PROJECT**

PHASE 2 HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$

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

SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850 607.277.4000

STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762 631.738.1200

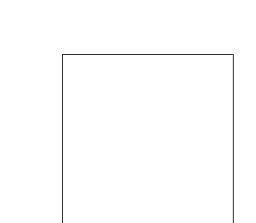
> MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905 203.352.1717

617.799.4309

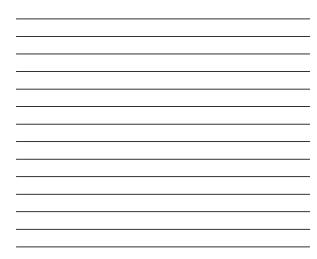
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

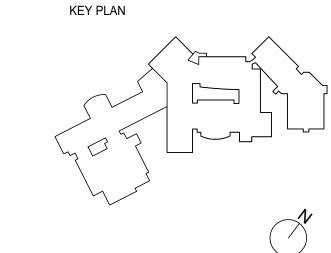
HAZARDOUS MATERIALS CONSULTANT 250 WEST 34TH STREET, 4TH FLOOR

NEW YORK, NY 10119 212.612.7900



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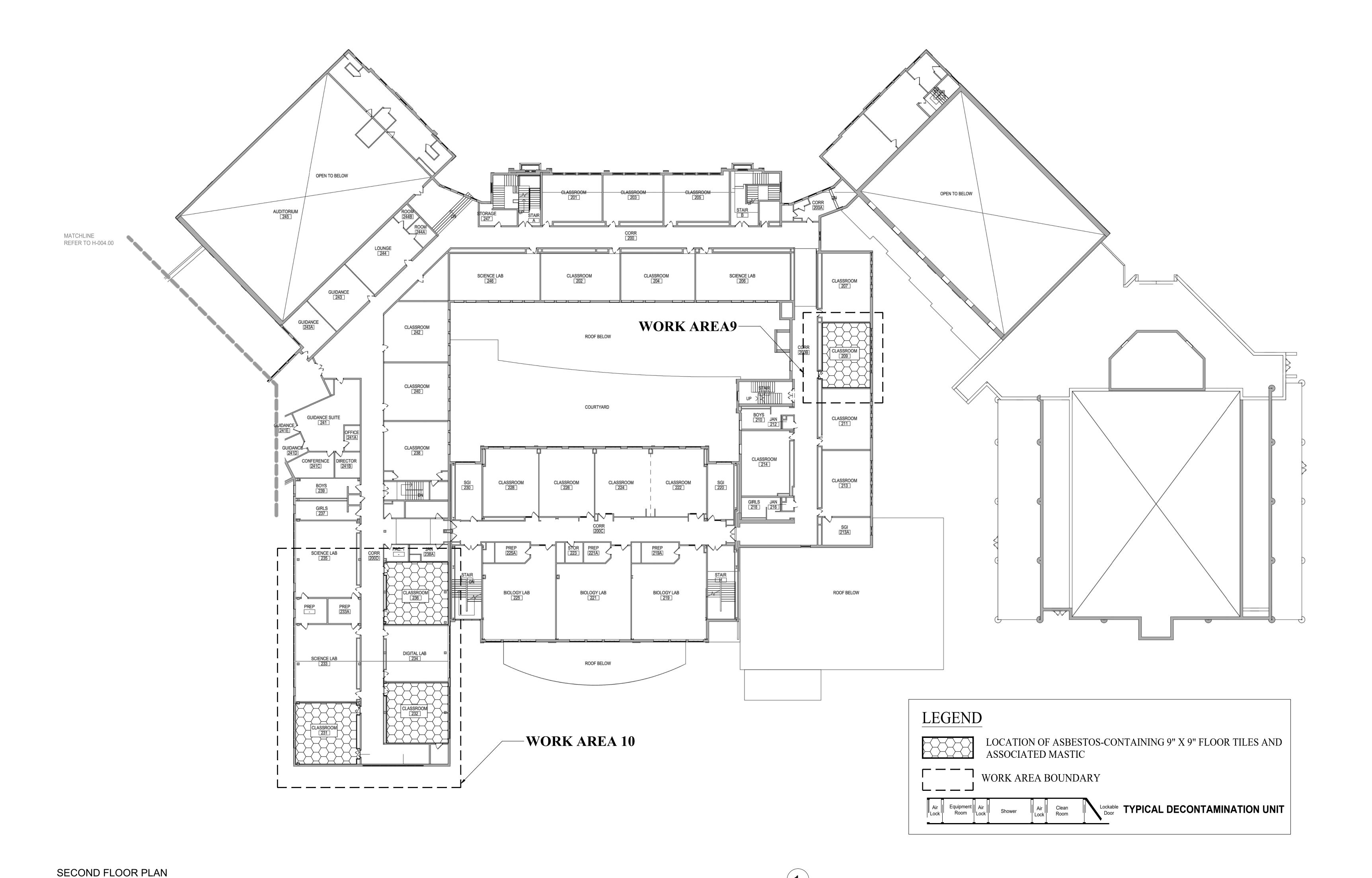




PROJECT NO. MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS **ABATEMENT** FIRST FLOOR PLAN

H-007.00



PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

PHASE 2 HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$

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

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

607.277.4000

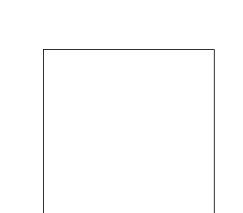
STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
100 PARK BOULEVARD, #209
MASSAPEQUA PARK, NY 11762
631.738.1200

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

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324
617.799.4309

HAZARDOUS MATERIALS CONSULTANT
WSP
250 WEST 34TH STREET, 4TH FLOOR

250 WEST 34TH STREET, 4TH FI NEW YORK, NY 10119 212.612.7900



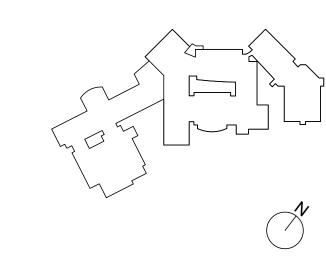
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SEAL

 D SET
 01/03/2023

 SUE
 DATE

KEY PLAN

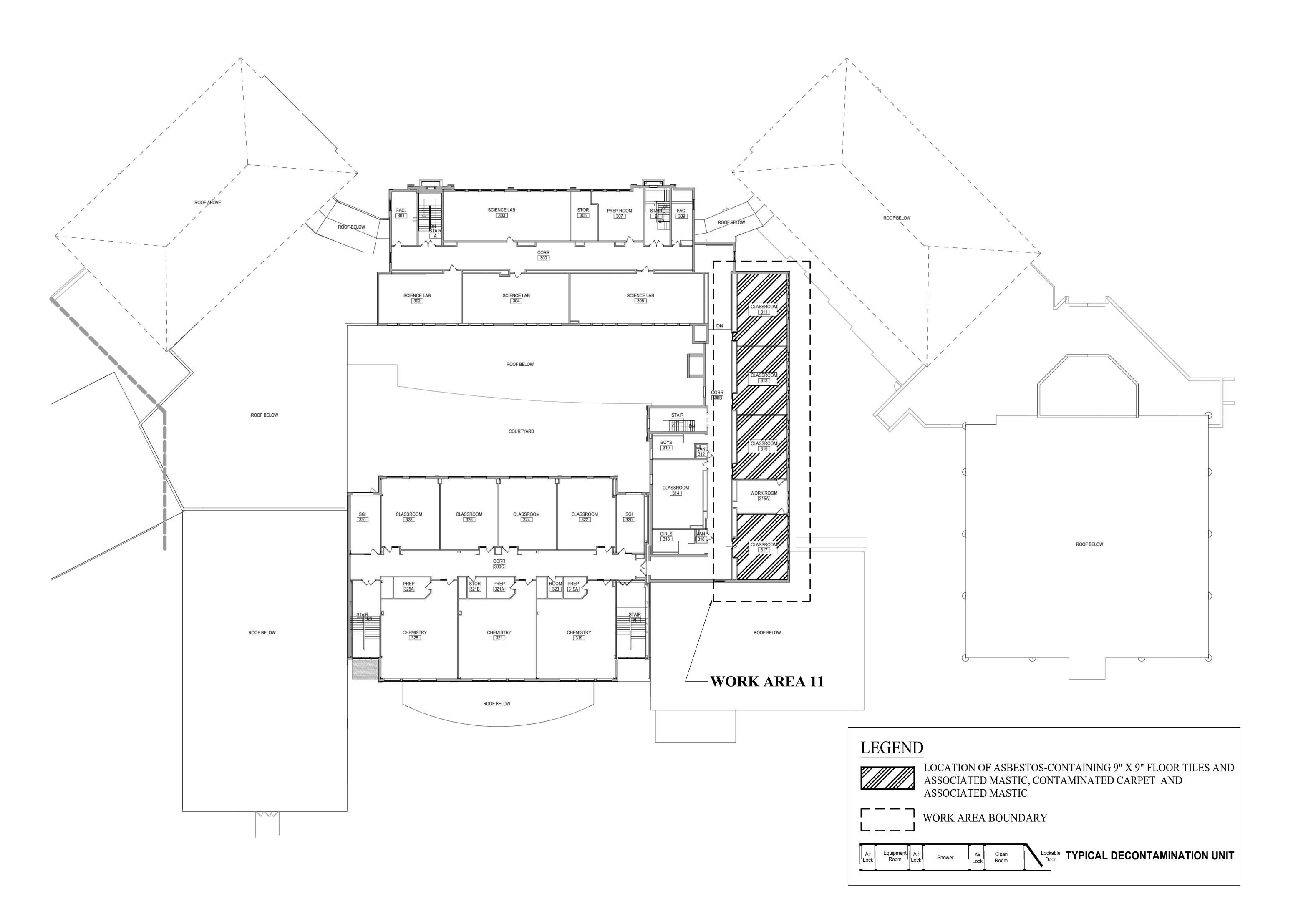


PROJECT NO. 66-03-01-03-0-003-029

MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS
ABATEMENT
SECOND FLOOR
PLAN

H-008.00



THIRD FLOOR PLAN

1/16" =1'-0"

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

PHASE 2 HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$

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

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

607.277.4000

STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
100 PARK BOULEVARD, #209
MASSAPEQUA PARK, NY 11762

631.738.1200

MEP CONSULTANT

STANTEC

30 OAK STREET, SUITE 400

STAMFORD, CT 06905

203.352.1717

212.612.7900

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

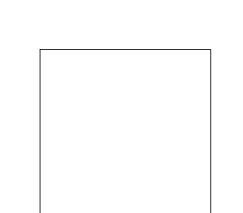
617.799.4309

HAZARDOUS MATERIALS CONSULTANT

WSP

250 WEST 34TH STREET, 4TH FLOOR

NEW YORK, NY 10119

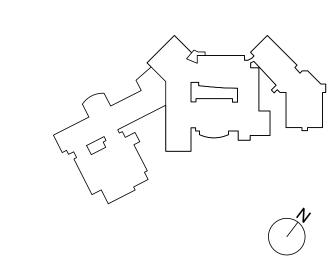


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SFAL

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KEY PLAN

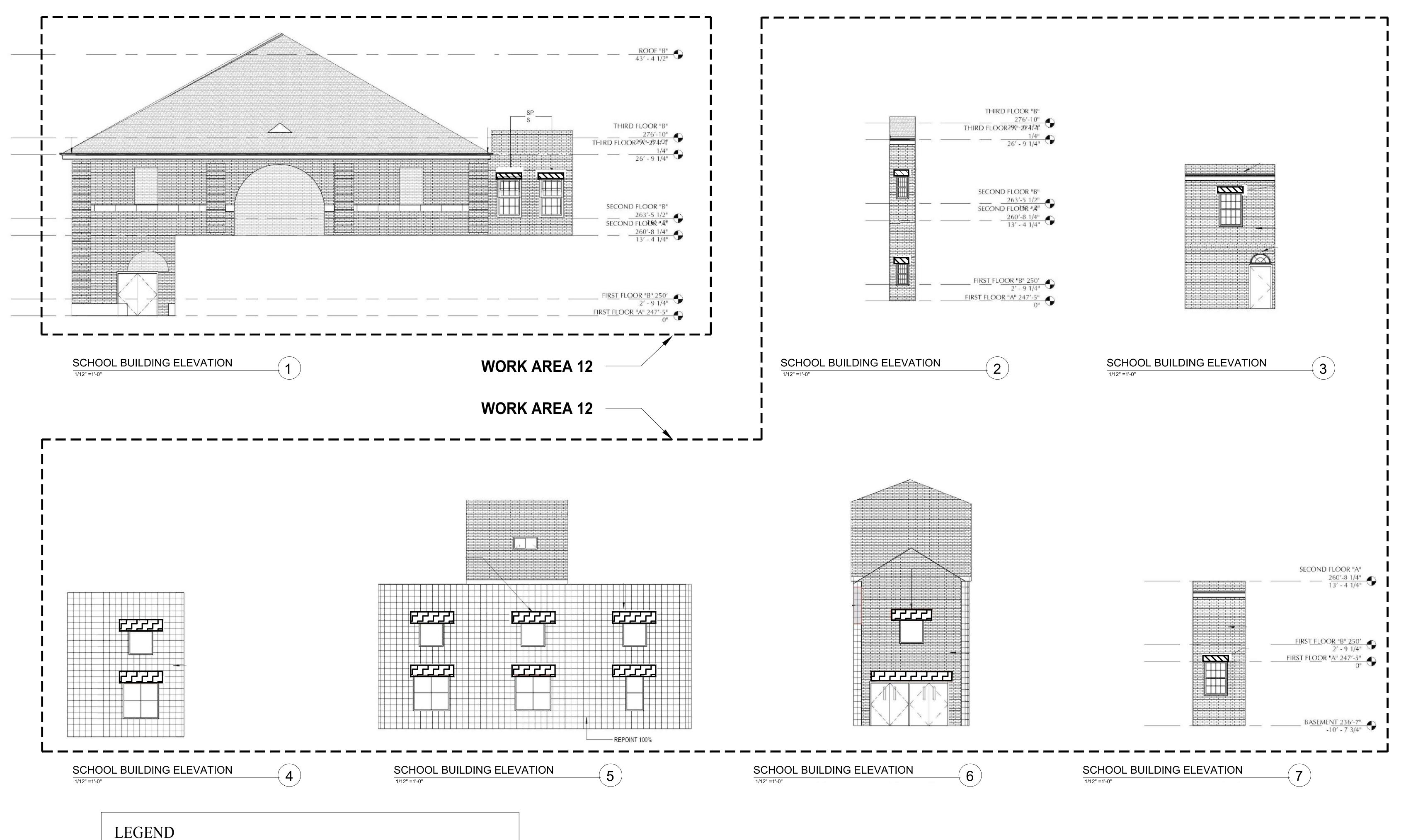


PROJECT NO. 66-03-01-03-0-003-029

MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS
ABATEMENT
THIRD FLOOR
PLAN

H-009.00



LOCATION OF ASBESTOS-CONTAINING RUST INHIBITOR ON LINTELS, ACM LINTEL CAULKING

LOCATION OF ASBESTOS-CONTAINING WATERPROOFING TAR/
PAPER BEHIND OUTER WALLS

WORK AREA BOUNDARY

Air Room Lock Shower Air Room Lockable TYPICAL DECONTAMINATION UNIT

NOTE: ALL ABATEMENT WORK ON THIS DRAWING IS BY PRIME WINDOW WORK CONTRACTOR.

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

PHASE 2 HIGH SCHOOL

ARCHITECT

M = M \ S |

2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519

SITE - CIVIL CONSULTANT
THE LA GROUP
179 GRAHAM ROAD
ITHACA, NY 14850
607.277.4000

MEMASIDESIGN.COM

STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
100 PARK BOULEVARD, #209
MASSAPEQUA PARK, NY 11762
631.738.1200

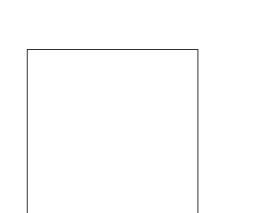
MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET

992 BEDFORD STREET BRIDGEWATER, MA 02324 617.799.4309

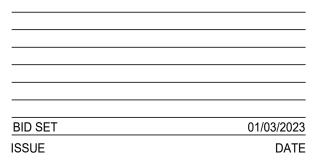
HAZARDOUS MATERIALS CONSULTANT
WSP
250 WEST 34TH STREET, 4TH FLOOR

250 WEST 34TH STREET, 4TH FLC NEW YORK, NY 10119 212.612.7900

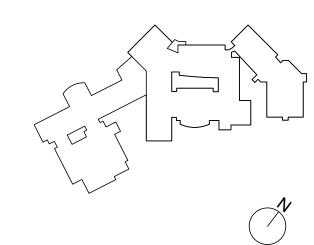


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SE



KEY PLA



MEMASI PROJECT NO. 102-2202.05

ASBESTOS ABATEMEN H.S. EXTERIOR ELEVATIONS

H-010.00



NOTE: ALL ABATEMENT WORK ON THIS DRAWING IS BY PRIME WINDOW WORK CONTRACTOR.

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND **PROJECT**

PHASE 2 HIGH SCHOOL

ARCHITECT

WHITE PLAINS, NY 10601

MEMASIDESIGN.COM

914.915.9519

 $M \equiv M \wedge S$

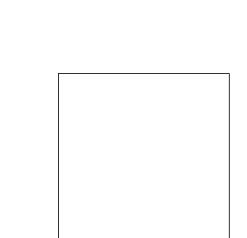
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850

607.277.4000 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762 631.738.1200

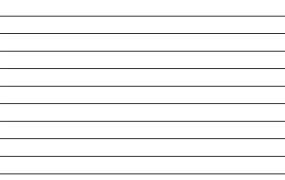
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905 203.352.1717

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

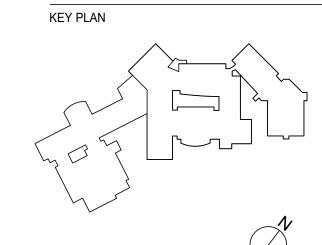
617.799.4309 HAZARDOUS MATERIALS CONSULTANT 250 WEST 34TH STREET, 4TH FLOOR NEW YORK, NY 10119 212.612.7900



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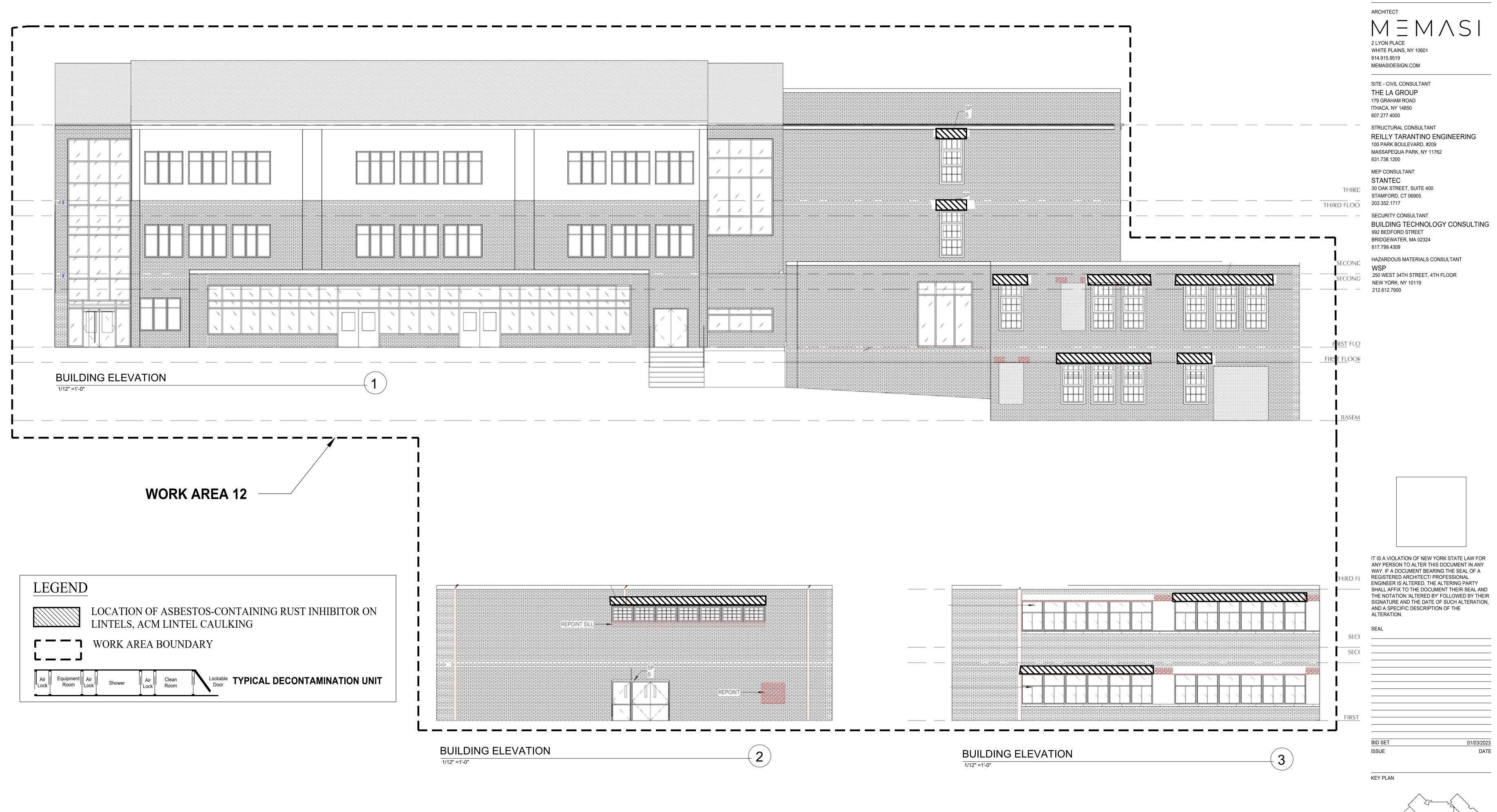
01/03/2023



MEMASI PROJECT NO. 102-2202.01 &102-2002.0

ASBESTOS ABATEMENT EXTERIOR ELEVATIONS

H-011.00

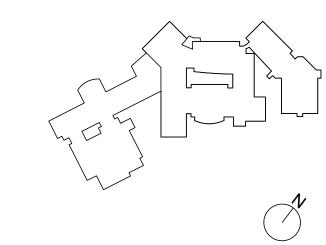


PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

PHASE 2 HIGH SCHOOL



PROJECT NO. 66-03-01-03-0-003-029

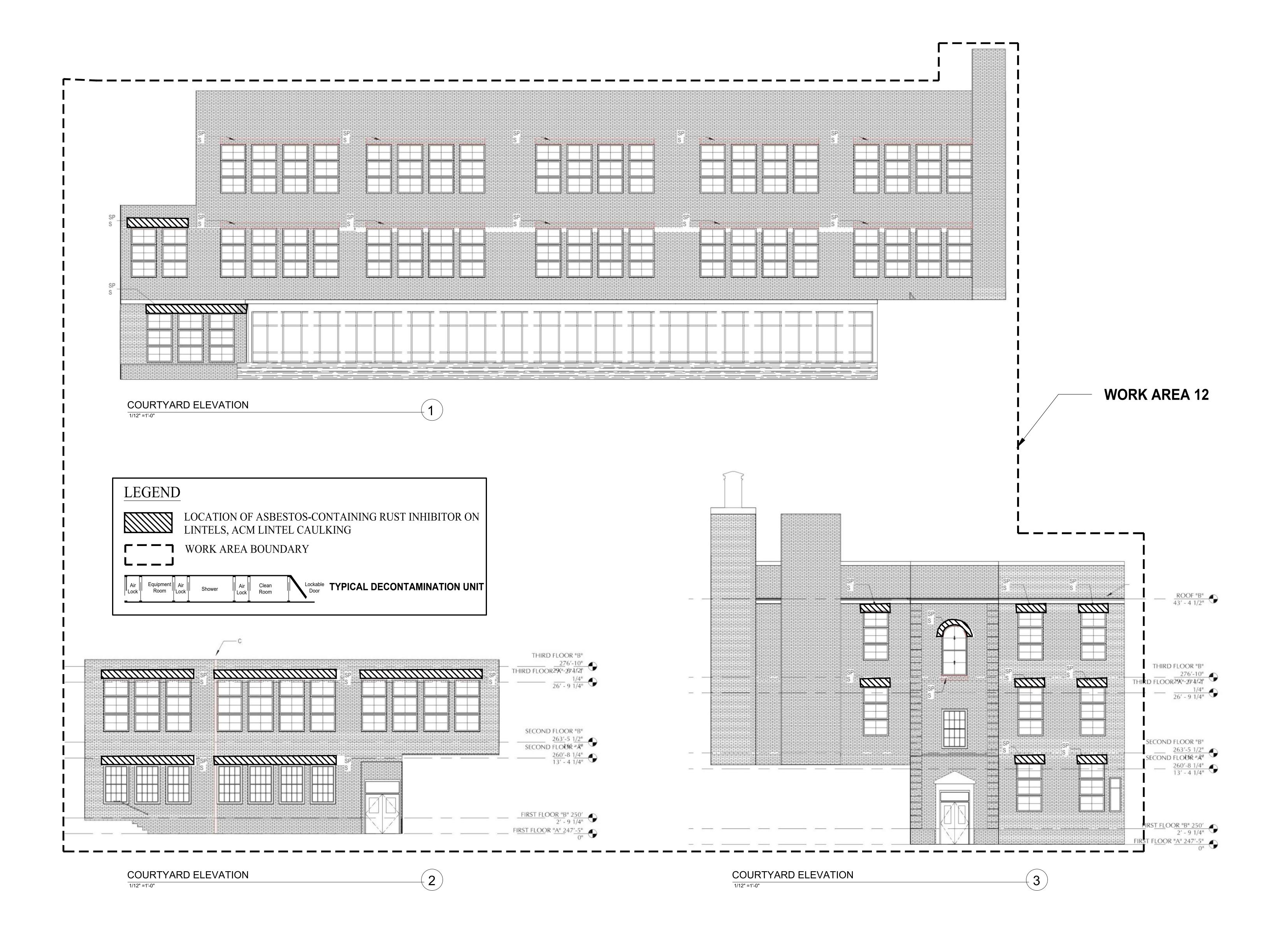
MEMASI PROJECT NO. 102-2202.01 &102-2002.02

ASBESTOS ABATEMENT H. S. EXTERIOR

ELEVATIONS

H_012 00

H-012.00



NOTE: ALL ABATEMENT WORK ON THIS DRAWING IS BY PRIME WINDOW WORK CONTRACTOR.

PROJECT DESIGNER: STEVEN EGET NYS 06-06432

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND **PROJECT**

PHASE 2 HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$

WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850 607.277.4000

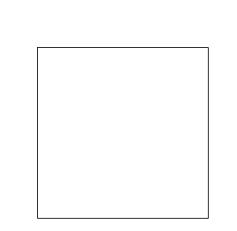
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762 631.738.1200

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

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

BRIDGEWATER, MA 02324 617.799.4309

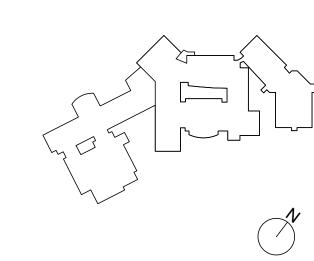
HAZARDOUS MATERIALS CONSULTANT 250 WEST 34TH STREET, 4TH FLOOR NEW YORK, NY 10119 212.612.7900



SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE

RID SET	01/02/

KEY PLAN



MEMASI PROJECT NO. 102-2202.01 &102-2002.0

ASBESTOS **ABATEMENT** H.S. COURTYARD **ELEVATIONS**

H-013.00

- A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO MATCH EXISTING AFTER REMOVALS OR DEMOLITION.
- C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING

OBJECTS EMBEDDED INTO EXISTING WALLS UON.

- 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. PROVIDE MISC. GROUTING OF DOOR FRAMES AS NECESSARY.
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

KEY NOTES

- REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
- REMOVE DOOR AND HARDWARE, FRAME TO REMAIN REMOVE LOCKSET. DOOR, DOOR FRAME AND HARDWARE TO
- REMOVE WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING ALL SILLS, FLASHING AND FASTENERS
- REMOVE STAIRS/RAMP IN THEIR ENTIRETY, INCLUDING ALL STRUCTURE, HANDRAILS AND LANDINGS. COORDINATE REMOVAL WITH STRUCTURAL DRAWINGS
- REMOVE WINDOW IN ITS ENTIRETY, INCLUDING ALL SILLS, FRAMES, FLASHING AND FASTENERS. INSTALL NEW WINDOW IN EXISTING MASONRY OPENING
- REMOVE EXISTING CORE, REMAINDER OF DOOR, HARDWARE, AND FRAME TO REMAIN



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$ 2 LYON PLACE

MEMASIDESIGN.COM SITE - CIVIL CONSULTANT THE LA GROUP

179 GRAHAM ROAD

WHITE PLAINS, NY 10601

914.915.9519

ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209

MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

MASSAPEQUA PARK, NY 11762

STAMFORD, CT 06905 SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

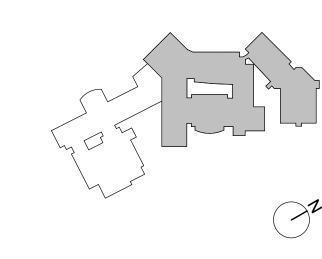
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

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

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KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

DEMOLITION PLAN -**BASEMENT**

HS AD100

A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.

- B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO MATCH EXISTING AFTER REMOVALS OR DEMOLITION.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF
- ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS UON.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR D. ADDITIONAL REMOVAL INFORMATION.
- GC TO TEMPORARILY SUPPORT ABOVE CEILING INFRASTRUCTURE AFTER CEILING REMOVAL. COORDINATE WITH OTHER TRADES.
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND

REMOVE ASBESTOS-CONTAINING CEILING

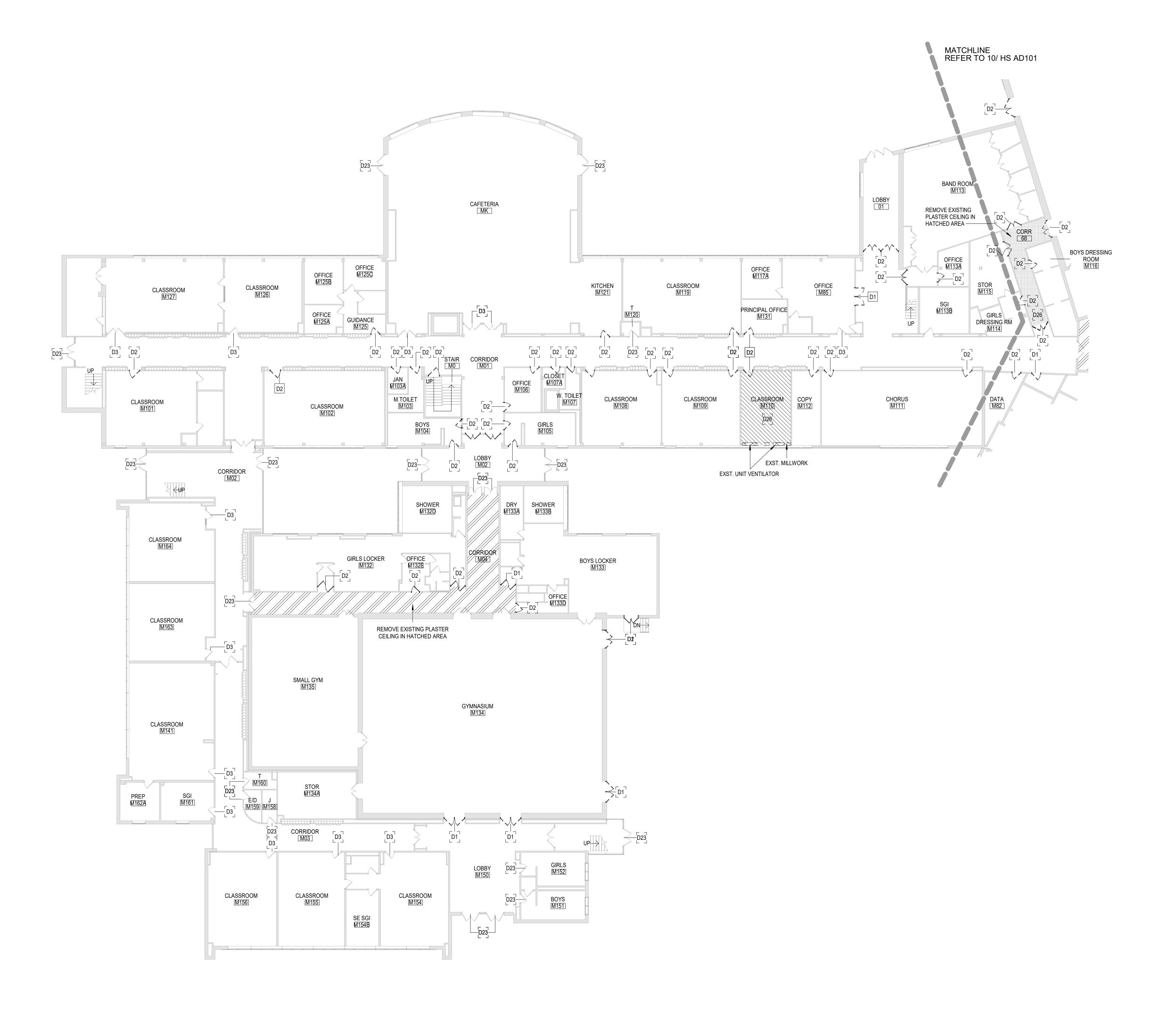
REMOVE ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC

REMOVE ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC AND CONTAMINATED CARPET

REMOVE ASBESTOS-CONTAINING CEILING AND ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC

KEY NOTES

- REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
- REMOVE DOOR AND HARDWARE, FRAME TO REMAIN REMOVE LOCKSET. DOOR, DOOR FRAME AND HARDWARE TO
- REMOVE EXISTING CORE, REMAINDER OF DOOR, HARDWARE,
- AND FRAME TO REMAIN REMOVE ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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

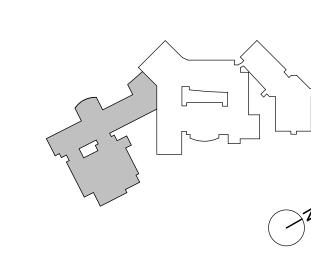
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

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

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KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

> **DEMOLITION** PLAN - FIRST **FLOOR**

MS AD101

A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.

B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO MATCH EXISTING AFTER REMOVALS OR DEMOLITION.

OBJECTS EMBEDDED INTO EXISTING WALLS UON.

C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING

KEY NOTES

REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY REMOVE DOOR AND HARDWARE, FRAME TO REMAIN

REMOVE LOCKSET. DOOR, DOOR FRAME AND HARDWARE TO

REMOVE WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING ALL

REMOVE STAIRS/RAMP IN THEIR ENTIRETY, INCLUDING ALL STRUCTURE, HANDRAILS AND LANDINGS. COORDINATE

REMOVE WINDOW IN ITS ENTIRETY, INCLUDING ALL SILLS, FRAMES, FLASHING AND FASTENERS. INSTALL NEW WINDOW IN

REMOVE ASBESTOS-CONTAINING FLOOR TILES AND

REMOVE EXISTING CORE, REMAINDER OF DOOR, HARDWARE,

SILLS, FLASHING AND FASTENERS

EXISTING MASONRY OPENING

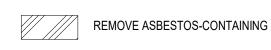
AND FRAME TO REMAIN

ASSOCIATED MASTIC

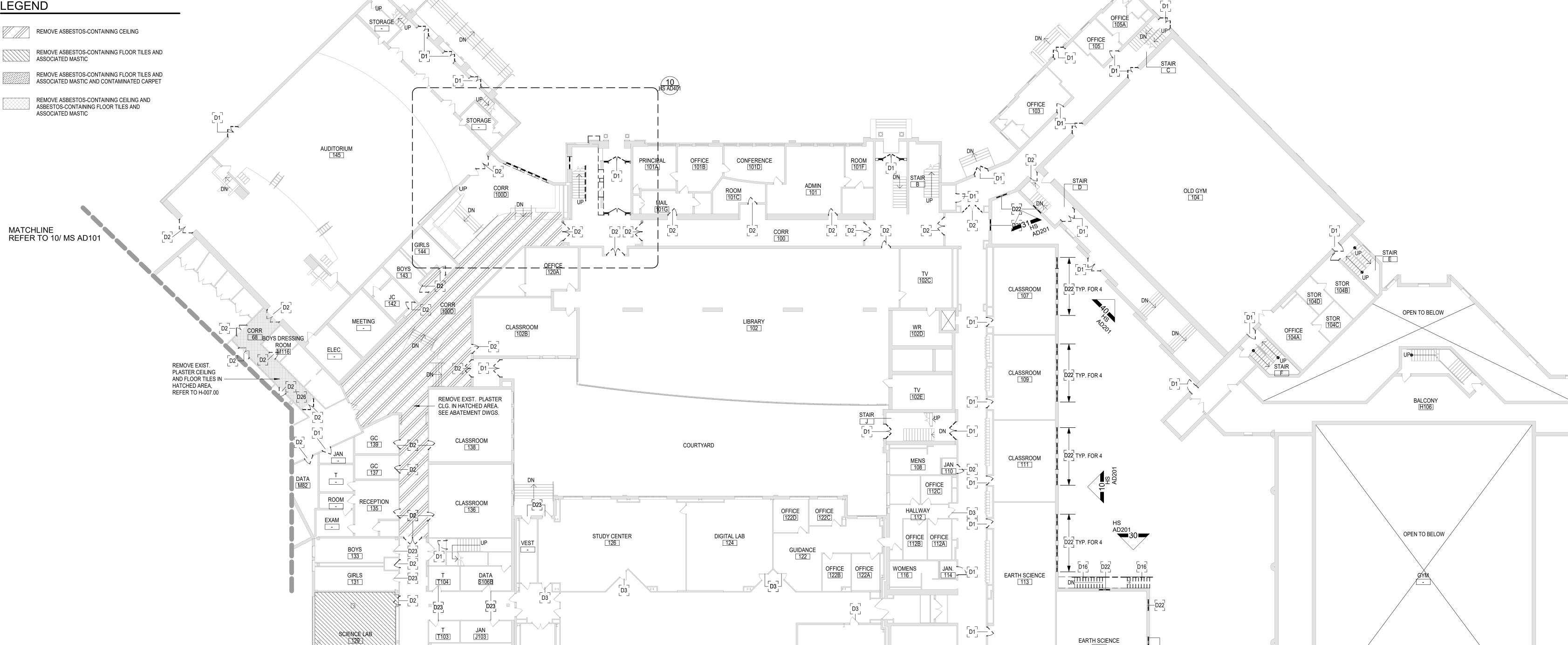
REMOVAL WITH STRUCTURAL DRAWINGS

- 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.
- PROVIDE MISC. GROUTING OF DOOR FRAMES AS NECESSARY.
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND



ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC



SERVERY L

KITCHEN 118

STAIR G

EARTH SCIENCE

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD

WHITE PLAINS, NY 10601

MEMASIDESIGN.COM

2 LYON PLACE

914.915.9519

ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209

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

MASSAPEQUA PARK, NY 11762

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

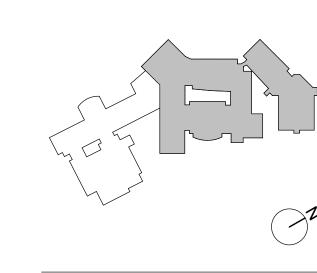
992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA

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

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KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

> DEMOLITION PLAN - FIRST **FLOOR**

HS AD101

DIGITAL LAB

CAFETERIA 123

SCIENCE LAB

CLASSROOM

A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.

- B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO
- MATCH EXISTING AFTER REMOVALS OR DEMOLITION. C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS UON.
- 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. PROVIDE MISC. GROUTING OF DOOR FRAMES AS NECESSARY.
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND



REMOVE ASBESTOS-CONTAINING CEILING



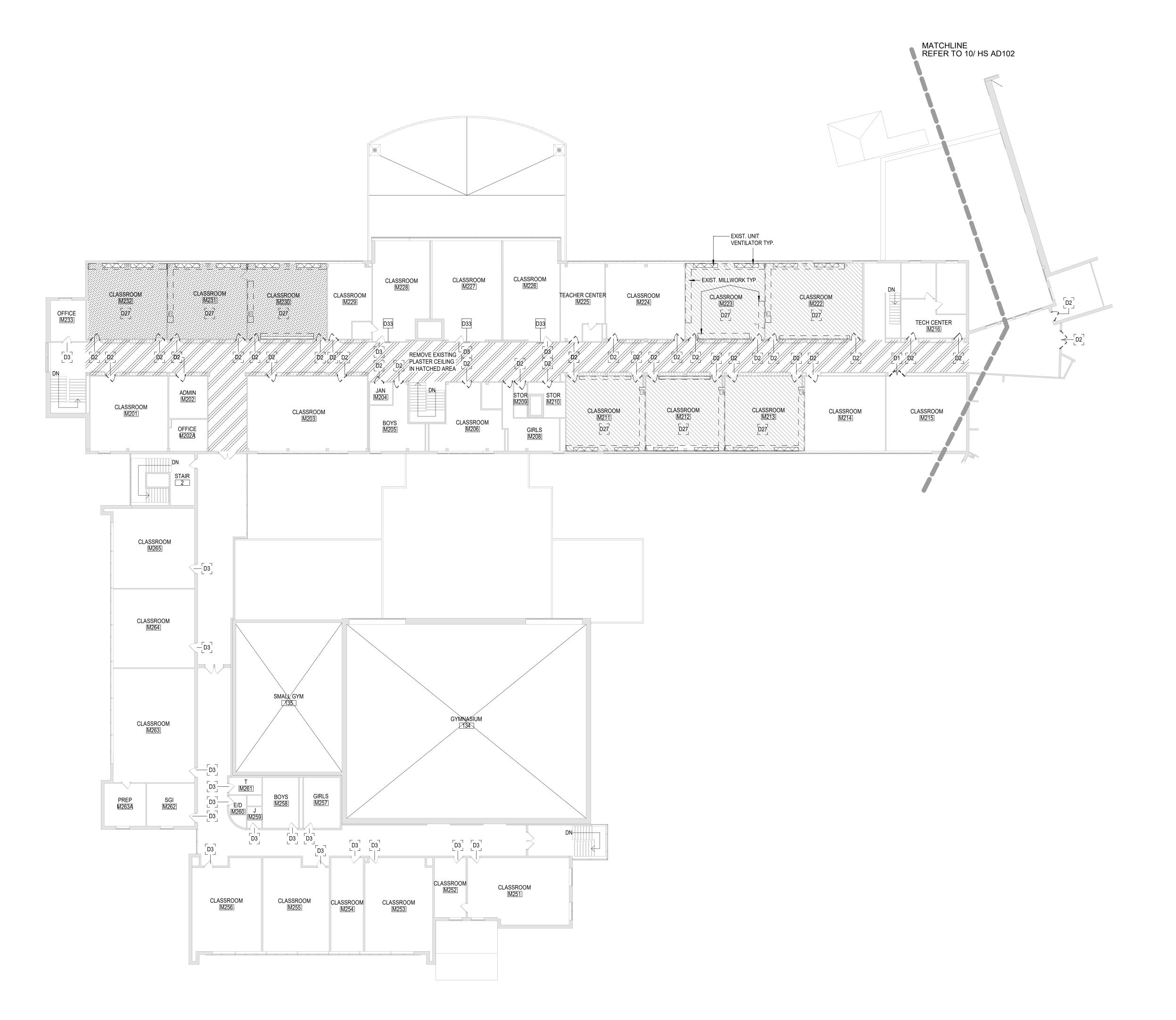
REMOVE ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC AND CONTAMINATED CARPET



REMOVE ASBESTOS-CONTAINING CEILING AND ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC

KEY NOTES

- REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
- REMOVE DOOR AND HARDWARE, FRAME TO REMAIN REMOVE LOCKSET. DOOR, DOOR FRAME AND HARDWARE TO
- REMOVE ASBESTOS-CONTAINING FLOOR TILES, CONTAMINATED CARPET AND ASSOCIATED MASTIC
- REMOVE GLAZING FROM FRAME



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT

$M \equiv M \wedge SI$

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

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

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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

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

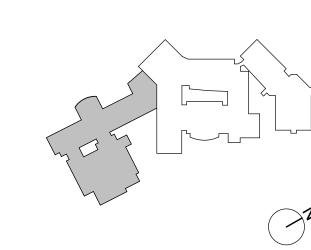
NEW YORK, NY 10119

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01/03/2023 DATE

SEAL

KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

> **DEMOLITION** PLAN - SECOND **FLOOR**

DEMOLITION PLAN - SECOND FLOOR

MS AD102

A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.

- B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO
- MATCH EXISTING AFTER REMOVALS OR DEMOLITION. C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING

OBJECTS EMBEDDED INTO EXISTING WALLS UON.

KEY NOTES

REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY

REMOVE WINDOW IN ITS ENTIRETY, INCLUDING ALL SILLS, FRAMES, FLASHING AND FASTENERS. INSTALL NEW WINDOW IN

REMOVE LOCKSET. DOOR, DOOR FRAME AND HARDWARE TO

REMOVE EXISTING CORE, REMAINDER OF DOOR, HARDWARE,

STORAGE 247

SCIENCE LAB

STOR 244B

LOUNGE 244

GUIDANCE 243

GUIDANCE M243A

GUIDANCE SUITE

CONFERENCE DIRECTOR 241B

SCIENCE LAB

SCIENCE LAB

EXST. MILLWORK TYP.

EXST. FINTUBE TYP.

EXST. UNIT

VENTILATOR TYP. —

GUIDANCE 241D

COPIER 244A

CLASSROOM 242

CLASSROOM 240

CLASSROOM

DIGITAL LAB

CLASSROOM

CLASSROOM 202

STOR PREP 221A

BIOLOGY LAB
221

ROOF BELOW

PREP 225A

BIOLOGY LAB

STAIR

CLASSROOM

ROOF BELOW

CLASSROOM

CORR 200C

PREP 219A

BIOLOGY LAB
219

STAIR H

CLASSROOM 205

STAIR

SCIENCE LAB

CLASSROOM 207

CLASSROOM

SGI 213A

ROOF BELOW

CORR 200B

D22 TYP. FOR 4

— EXST. MILLWORK

EXST. RADIATOR

VENTILATOR

D22 TYP. FOR 4

D22 TYP. FOR 4

D22 TYP. FOR 4

OPEN TO BELOW

REMOVE DOOR AND HARDWARE, FRAME TO REMAIN

REMOVE ASBESTOS-CONTAINING FLOOR TILES AND

OPEN TO BELOW

EXISTING MASONRY OPENING

AND FRAME TO REMAIN

ASSOCIATED MASTIC

- 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.
- PROVIDE MISC. GROUTING OF DOOR FRAMES AS NECESSARY.
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND

MATCHLINE

REFER TO 10/ MS AD102

REMOVE ASBESTOS-CONTAINING CEILING

REMOVE ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC

REMOVE ASBESTOS-CONTAINING FLOOR TILES AND

ASSOCIATED MASTIC AND CONTAMINATED CARPET

REMOVE ASBESTOS-CONTAINING CEILING AND ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC

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

HAZARDOUS MATERIALS CONSULTANT

EASTCHESTER

SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

EASTCHESTER MIDDLE /

 $M \equiv M \wedge SI$

UNION FREE

PHASE 2

ARCHITECT

2 LYON PLACE

914.915.9519

WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT THE LA GROUP

STRUCTURAL CONSULTANT

1000 PARK BLVD., SUITE 209

30 OAK STREET, SUITE 400 STAMFORD, CT 06905

SECURITY CONSULTANT

992 BEDFORD STREET BRIDGEWATER, MA 02324

MASSAPEQUA PARK, NY 11762

REILLY TARANTINO ENGINEERING

BUILDING TECHNOLOGY CONSULTING

179 GRAHAM ROAD ITHACA, NY 14850

MEP CONSULTANT

STANTEC

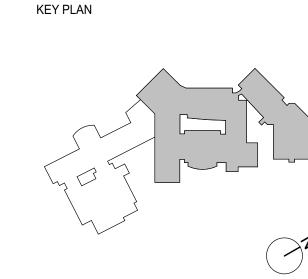
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HIGH SCHOOL

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01/03/2023

OPEN TO BELOW



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

> DEMOLITION PLAN - SECOND **FLOOR**

HS AD102

DEMOLITION PLAN - SECOND FLOOR

1/16" = 1'-0"

A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION

- B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO
- MATCH EXISTING AFTER REMOVALS OR DEMOLITION. C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING

OBJECTS EMBEDDED INTO EXISTING WALLS UON.

- 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. PROVIDE MISC. GROUTING OF DOOR FRAMES AS NECESSARY.4
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND

REMOVE ASBESTOS-CONTAINING CEILING

REMOVE ASBESTOS-CONTAINING FLOOR TILES AND ASSOCIATED MASTIC

ASSOCIATED MASTIC

REMOVE ASBESTOS-CONTAINING FLOOR TILES AND

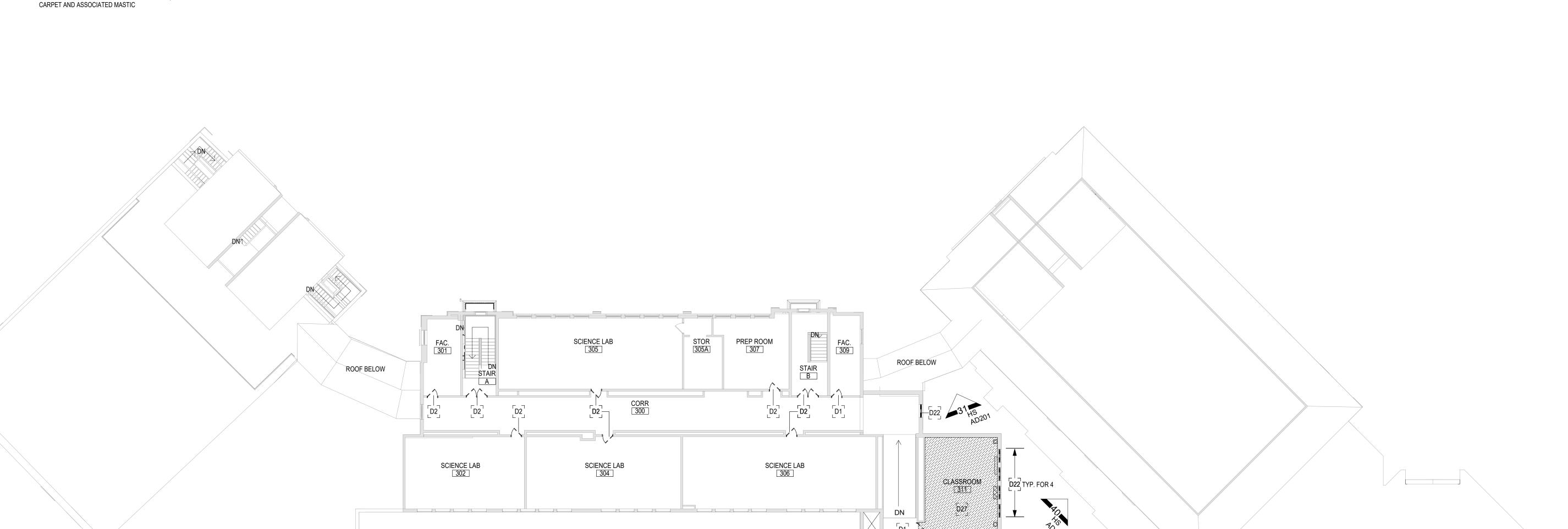
ASSOCIATED MASTIC AND CONTAMINATED CARPET REMOVE ASBESTOS-CONTAINING CEILING AND

ASBESTOS-CONTAINING FLOOR TILES AND

KEY NOTES

REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY

- REMOVE DOOR AND HARDWARE, FRAME TO REMAIN
- REMOVE LOCKSET. DOOR, DOOR FRAME AND HARDWARE TO
- REMOVE WINDOW IN ITS ENTIRETY, INCLUDING ALL SILLS, FRAMES, FLASHING AND FASTENERS. INSTALL NEW WINDOW IN EXISTING MASONRY OPENING REMOVE EXISTING CORE, REMAINDER OF DOOR, HARDWARE,
- REMOVE ASBESTOS-CONTAINING FLOOR TILES, CONTAMINATED



ROOF BELOW CLASSROOM/ CORR 300B D22 TYP. FOR 4 CLASSROOM
314 CLASSROOM 324 CLASSROOM 322 CLASSROOM CLASSROOM EXST. RADIATOR TYP. GIRLS JAN D2 D22 TYP. FOR 5 CLASSROOM EXST. UNIT VENTILATOR TYP.

ROOF BELOW

UNION FREE SCHOOL DISTRICT 2022 CAPITAL BOND PROJECT

PHASE 2

EASTCHESTER

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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WHITE PLAINS, NY 10601

2 LYON PLACE

914.915.9519

ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209

MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

MASSAPEQUA PARK, NY 11762

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

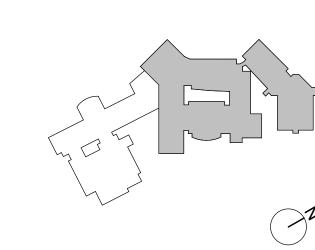
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SEAL			
			_
			_

DATE

KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

> **DEMOLITION** PLAN - THIRD **FLOOR**

HS AD103

DEMOLITION PLAN - THIRD FLOOR

ROOF BELOW

ROOF BELOW

SGI 330

PREP 325A

CHEMISTRY

PREP 321A

CHEMISTRY 321

CHEMISTRY

1/16" = 1'-0"

SHEET NOTES **KEY NOTES** EASTCHESTER A. COORDINATE ALL REMOVALS WITH NEW CAULK JOINT **UNION FREE** CONSTRUCTION REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY REMOVE WINDOW IN ITS ENTIRETY, INCLUDING ALL SILLS, SCHOOL DISTRICT B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO FRAMES, FLASHING AND FASTENERS. INSTALL NEW WINDOW IN MATCH EXISTING AFTER REMOVALS OR DEMOLITION. EXISTING MASONRY OPENING REMOVE EXISTING CORE, REMAINDER OF DOOR, HARDWARE, C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF AND FRAME TO REMAIN 2022 CAPITAL BOND PROJECT ANY AND ALL ANCHORING SYSTEMS INCLUDING FILL BRICK OBJECTS EMBEDDED INTO EXISTING WALLS UON. PHASE 2 REPAIR D. REFER TO ASBESTOS AND MEP DRAWINGS FOR RC REPAIR COPING ADDITIONAL REMOVAL INFORMATION EASTCHESTER MIDDLE / E. GC TO TEMPORARILY SUPPORT ABOVE CEILING THIRD FLOOR "A" 26' - 9 1/4" HIGH SCHOOL INFRASTRUCTURE AFTER CEILING REMOVAL. COORDINATE WITH OTHER TRADES. F. GC TO TEMPORARILY SUPPORT ABOVE CEILING INFRASTRUCTURE AFTER CEILING REMOVAL. COORDINATE WITH OTHER TRADES. ARCHITECT $M \equiv M \wedge SI$ G. REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS 2 LYON PLACE ARE FOR REFERENCE ONLY AND NOT INTENDED TO WHITE PLAINS, NY 10601 DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK 914.915.9519 OF THE ABATEMENT. MEMASIDESIGN.COM LEGEND SITE - CIVIL CONSULTANT THE LA GROUP REPLACE LINTEL 179 GRAHAM ROAD _____FIRST FLOOR "A" ITHACA, NY 14850 CONCRETE OVERHANG REPAIR STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762 BASEMENT -10' - 7 3/4" MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905 DEMOLITION ELEVATION 1/8" = 1'-0" 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 - REPAIR SOFFIT 914.693.0221 REMOVE STAIR. -FIRST FLOOR "A" hine—Territ DEMOLITION BUILDING ELEVATION **DEMOLITION ELEVATION** DEMOLITION ELEVATION -(31)1/8" = 1'-0" 1/8" = 1'-0" 1/8" = 1'-0" IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY FIRST FLOOR "A" WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/ PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION DEMOLITION BUILDING ELEVATION (22) 1/8" = 1'-0" RC **KEY PLAN** SECOND FLOOR "A" 13' - 4 1/4" D22 PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. FIRST FLOOR "A" 0" **DEMOLITION EXTERIOR ELEVATIONS** BASEMENT -10' - 7 3/4" - REMOVE SLABS. REPLACE CURB - $_$ REGRADE AND SEED FULL LENGTH OF WALL 70' X $_$ 10' OUT FORM BUILDING FACE **HS AD201**

DEMOLITION ELEVATION

1/8" = 1'-0"

01/03/2023

DATE

102-2202

- A. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION
- B. ALL SURFACES SHALL BE PATCHED AND FINISHED TO MATCH EXISTING AFTER REMOVALS OR DEMOLITION.
- C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS UON.
- 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.

KEY NOTES

- REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
- REMOVE DOOR AND HARDWARE, FRAME TO REMAIN SAWCUT AND REMOVE MASONRY WALL FOR EXTENT SHOWN,
- COORDINATE REMOVAL WITH NEW WORK REMOVE WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING ALL

REMOVE FLOOR FINISH, INCLUDING ALL PADDING, ADHESIVES

- AND WALL BASE, TO SLAB BELOW REMOVE PORTION OF GWB AND STUD PARTITION AS REQUIRED FOR NEW WORK
- REMOVE ASBESTOS-CONTAINING PLASTER CEILING

SILLS, FLASHING AND FASTENERS

MASSAPEQUA PARK, NY 11762 BRIDGEWATER, MA 02324 914.693.0221 REMOVE ALL LANDSCAPING,
PLANTINGS AND HARDSCAPE IN
AREA AS REQUIRED FOR NEW
CONSTRUCTION EXISTING BRICK WALL TO Ø====∃ REMAIN - REMOVE EXISTING GUARDRAIL, GYPSUM WALLBOARD FILL HOLES AND REPAINT NOTE: EXISTING GWB CEILING TO REMAIN, REMOVE ALL EXISTING LIGHTING IN LOBBY SPACE - REMOVE COUNTERTOP, SECURITY WINDOW, AND WALLS BELOW COUNTER REMOVE GYPSUM WALLBOARD — EXISTING BRICK WALL TO REMAIN REMOVE EXISTING 4" DIA
ABANDONDED C.I. VENT PIPE.
CAP EXISTING LINE AT NEAREST JUNCTION(S). SEE PLUMBING DRAWINGS KEY PLAN

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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

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

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

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

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PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202 **ENLARGED**

DEMOLITION PLAN - MAIN **ENTRY**

HS AD401

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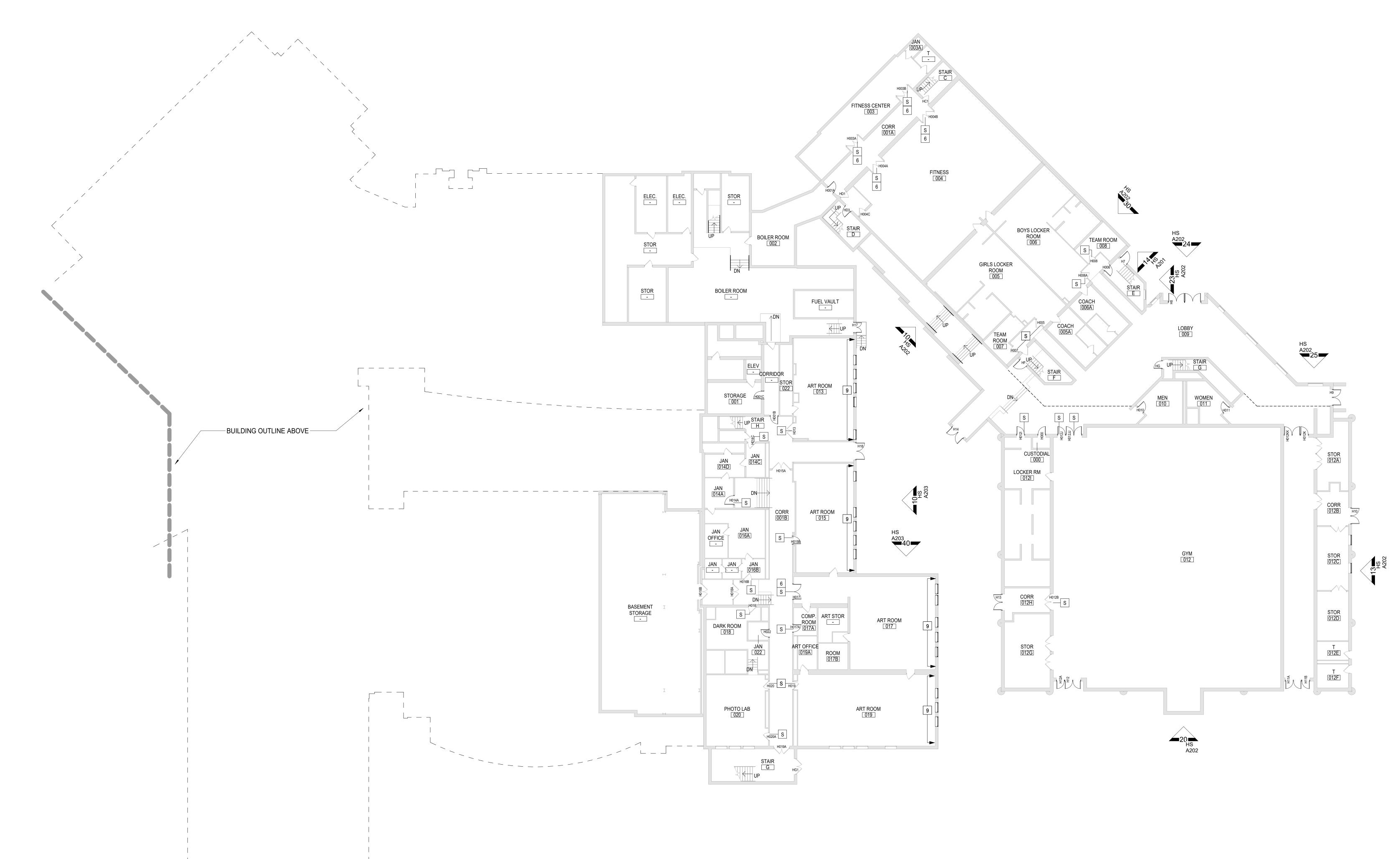
ENLARGED DEMOLITION PLAN - MAIN ENTRY

D28 REFER TO AD101 FOR MORE INFORMATION

- A. DO NOT SCALE THE DRAWINGS, NOTIFY ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING.
- ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED. WHEN ANY WORK IS PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE NOTED.
- REPAIR PLASTER AS A RESULT OF REMOVALS AND NEW WORK. WHERE WINDOWS ARE BEING REMOVED OR REPLACED. RESURFACE THE ENTIRE WINDOW INTERIOR OPENING PLASTER WALL WITH A 1/8" TWO-COAT VENEER. BASIS OF DESIGN IS USG DIAMOND VENEER BASECOAT AND VENEER FINISH. INSTALLATION SHALL MEET THE REQUIREMENTS OF USG- SA920 "PLASTER SYSTEMS", "DIAMOND BRAND VENEER FINISH SYSTEMS"

KEY NOTES

- PROVIDE REMOVABLE INTERMEDIATE MULLION PAINT THE ENTIRE WINDOW INTERIOR OPENING TO MATCH
- ADJACENT WALLS
- SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE INFO. ALL SHELTER LOCK COMPONNENTS 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.



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$ 2 LYON PLACE WHITE PLAINS, NY 10601

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

914.915.9519

MEMASIDESIGN.COM

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

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

MASSAPEQUA PARK, NY 11762

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT

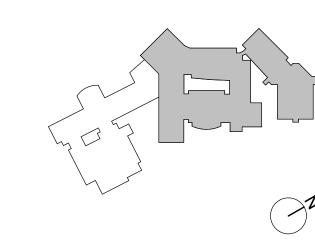
WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

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

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BID SET	01/03/202

KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

> OVERALL PLAN -**BASEMENT**

HS A100

- A. DO NOT SCALE THE DRAWINGS, NOTIFY ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING.
- ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED. WHEN ANY WORK IS PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE NOTED.
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND

LVT FLOORING UNIT VENTILATOR

RADIATOR

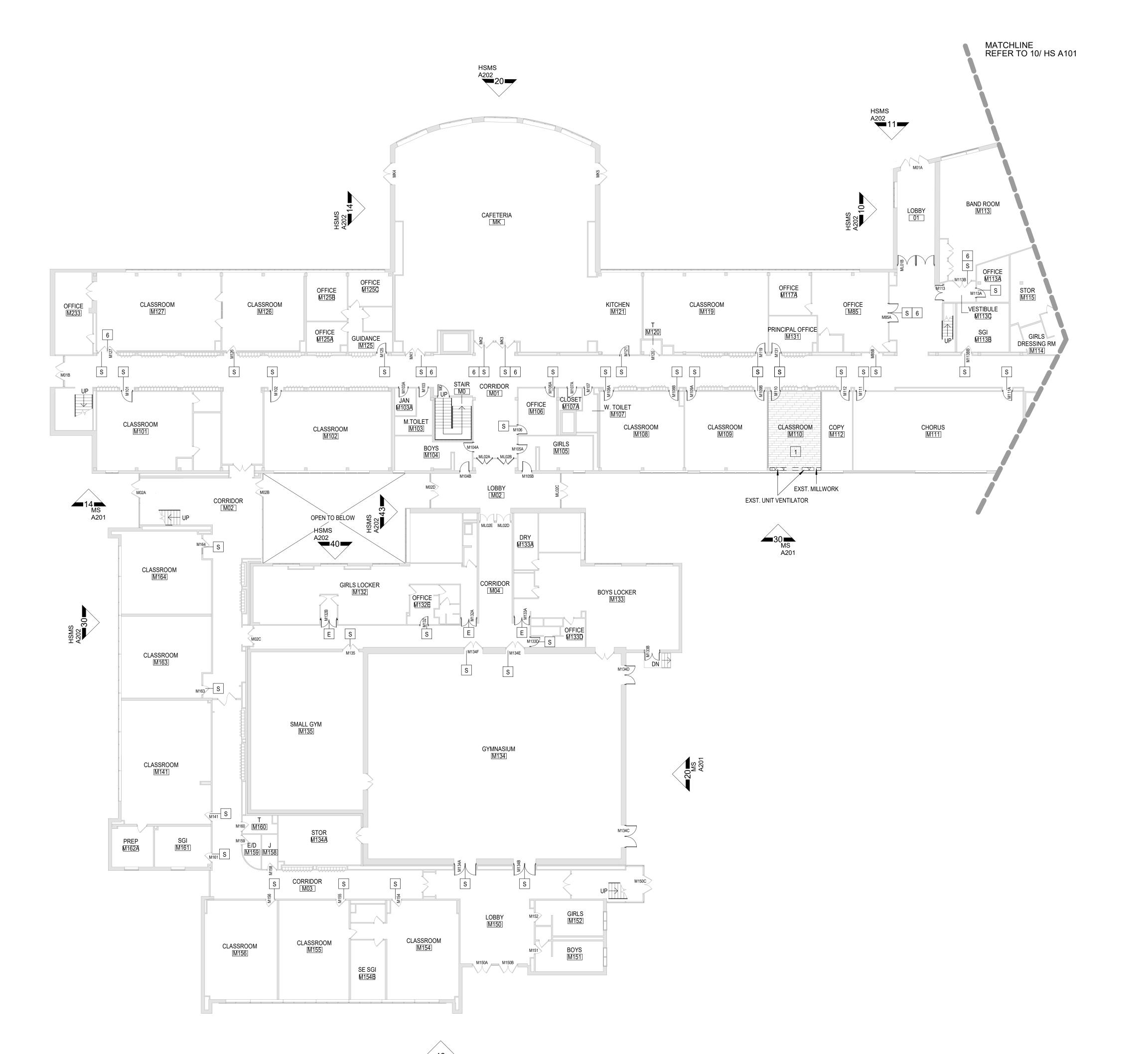
KEY NOTES

NEW LVT AND WALL BASE. PREP SUBSTRATE FOR NEW FLOOR AND SELF LEVELING ENTIRE ROOM

ELECTRIFIED TRIM

- PROVIDE REMOVABLE INTERMEDIATE MULLION
- SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE INFO. ALL SHELTER LOCK COMPONNENTS 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.





EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519

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

MEMASIDESIGN.COM

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

BRIDGEWATER, MA 02324

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

914.693.0221

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

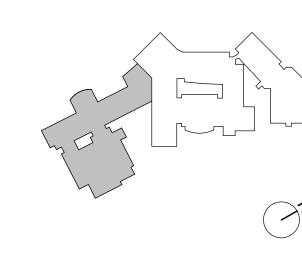
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA

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

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SEAL

KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

> OVERALL PLAN -FIRST FLOOR

MS A101

OVERALL PLAN - FIRST FLOOR

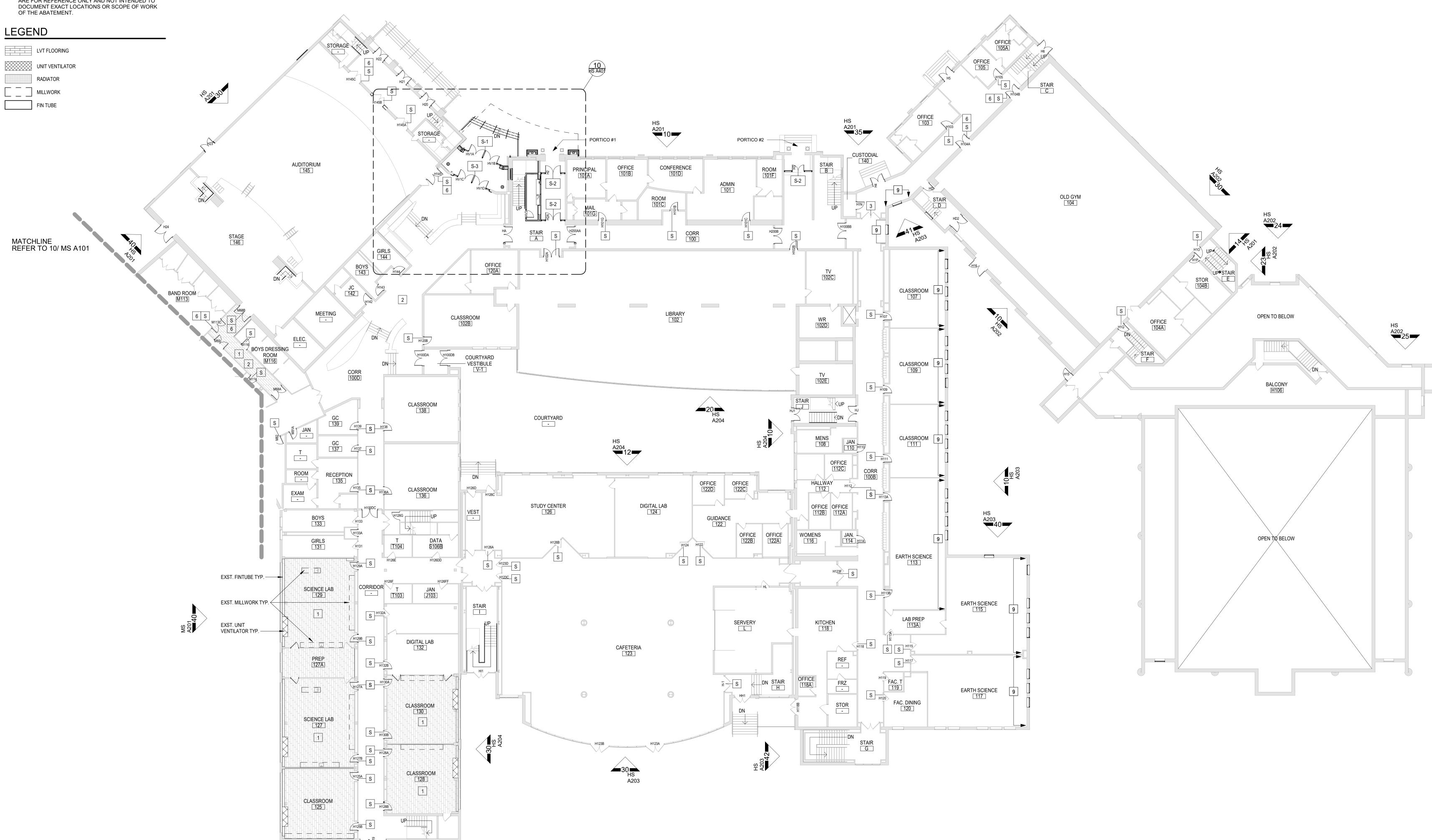
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- ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED. WHEN ANY WORK IS PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE
- REPAIR PLASTER AS A RESULT OF REMOVALS AND NEW WORK. WHERE WINDOWS ARE BEING REMOVED OR REPLACED. RESURFACE THE ENTIRE LENGTH OF THE PLASTER WALL WITH A 1/8" TWO-COAT VENEER. BASIS OF DESIGN IS USG DIAMOND VENEER BASECOAT AND VENEER FINISH. INSTALLATION SHALL MEET THE REQUIREMENTS OF USG- SA920 "PLASTER SYSTEMS", "DIAMOND BRAND VENEER FINISH SYSTEMS"
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK

KEY NOTES

AND SELF LEVELING ENTIRE ROOM NEW ACT CEILING TO BE INSTALLED WHERE

NEW LVT AND WALL BASE. PREP SUBSTRATE FOR NEW FLOOR

- ASBESTOS-CONTAINING PLASTER CEILING IS BEING REMOVED PROVIDE NEW DOOR KEYING CORE TO MATCH NEW DISTRICT STANDARD. EXISTING DOOR, FRAME AND HARDWARE TO
- PROVIDE REMOVABLE INTERMEDIATE MULLION PAINT THE ENTIRE WINDOW INTERIOR OPENING TO MATCH
- ADJACENT WALLS SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE INFO. ALL SHELTER LOCK COMPONNENTS 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.



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$ 2 LYON PLACE

SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD

WHITE PLAINS, NY 10601

MEMASIDESIGN.COM

914.915.9519

ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209

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

MASSAPEQUA PARK, NY 11762

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR

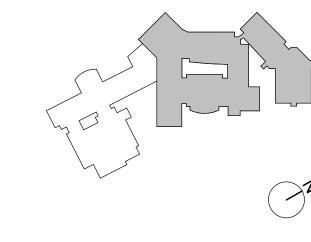
NEW YORK, NY 10119

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

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AND A SPECIFIC DESCRIPTION OF THE ALTERATION

KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

> OVERALL PLAN -FIRST FLOOR

HS A101

1/16" = 1'-0"

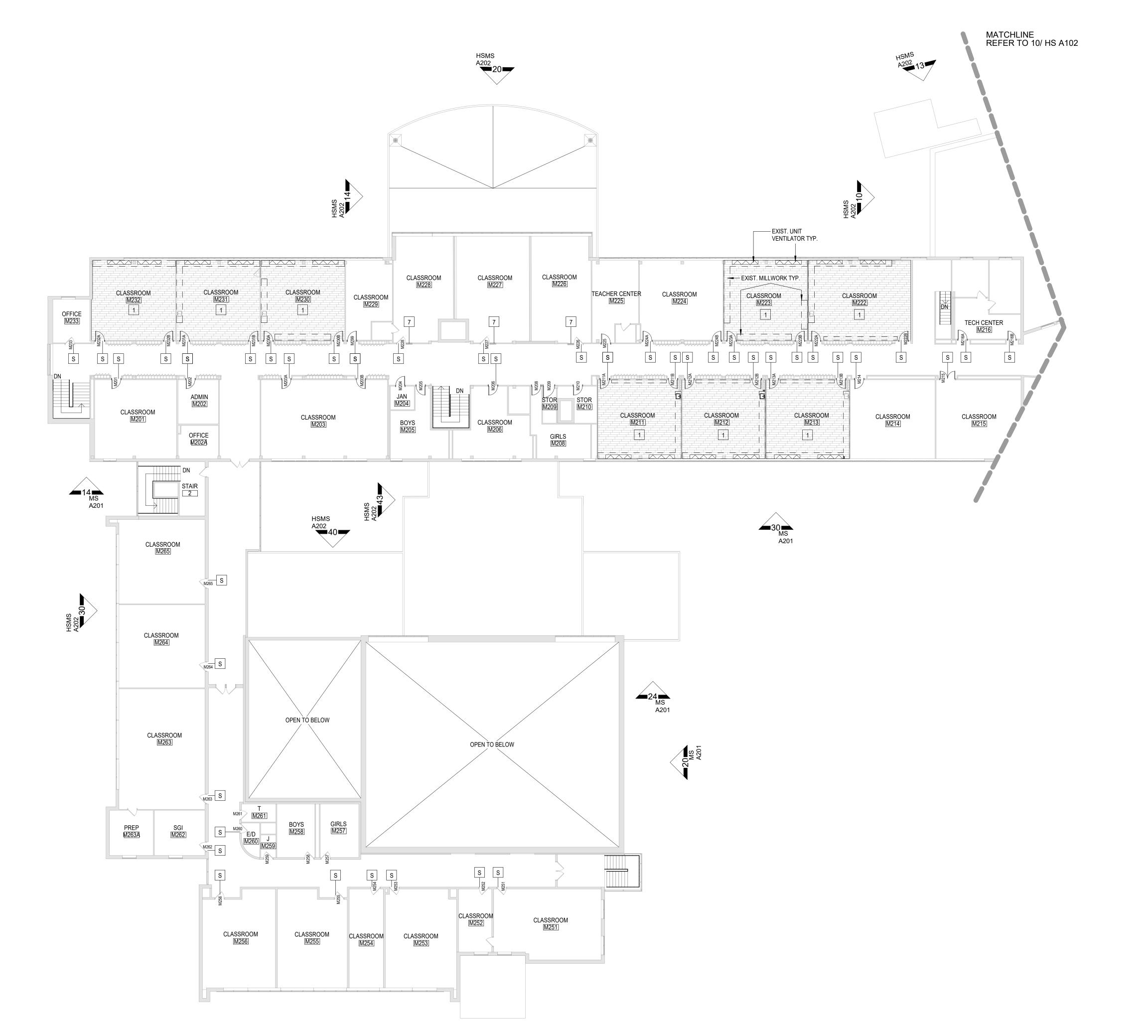
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- B. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED. WHEN ANY WORK IS PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE
- C. NEW FINISHED FLOOR AND WALL BASE. PREPARE SUBSTRATE FOR NEW FLOOR.
- D. REFER TO ASBESTOS ABATEMENT DRAWINGS FOR EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND

LVT FLOORING UNIT VENTILATOR

KEY NOTES

- NEW LVT AND WALL BASE. PREP SUBSTRATE FOR NEW FLOOR AND SELF LEVELING ENTIRE ROOM
- PROVIDE GLAZING IN EXISTING FRAME. REFER TO 900 SERIES SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE INFO. ALL SHELTER LOCK COMPONNENTS 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.



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519

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

MEMASIDESIGN.COM

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

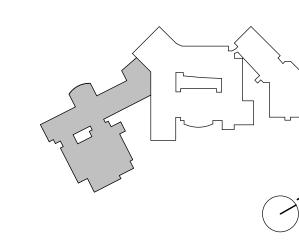
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

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

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KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

> OVERALL PLAN -SECOND FLOOR

MS A102

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OVERALL PLAN - SECOND FLOOR

- 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 PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE
- REPAIR PLASTER AS A RESULT OF REMOVALS AND NEW WORK. WHERE WINDOWS ARE BEING REMOVED OR REPLACED. RESURFACE THE ENTIRE LENGTH OF THE PLASTER WALL WITH A 1/8" TWO-COAT VENEER. BASIS OF DESIGN IS USG DIAMOND VENEER BASECOAT AND VENEER FINISH. INSTALLATION SHALL MEET THE REQUIREMENTS OF USG- SA920 "PLASTER SYSTEMS", "DIAMOND BRAND VENEER
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OF THE ABATEMENT.

FINISH SYSTEMS" LEGEND LVT FLOORING MATCHLINE REFER TO 10/ MS A102

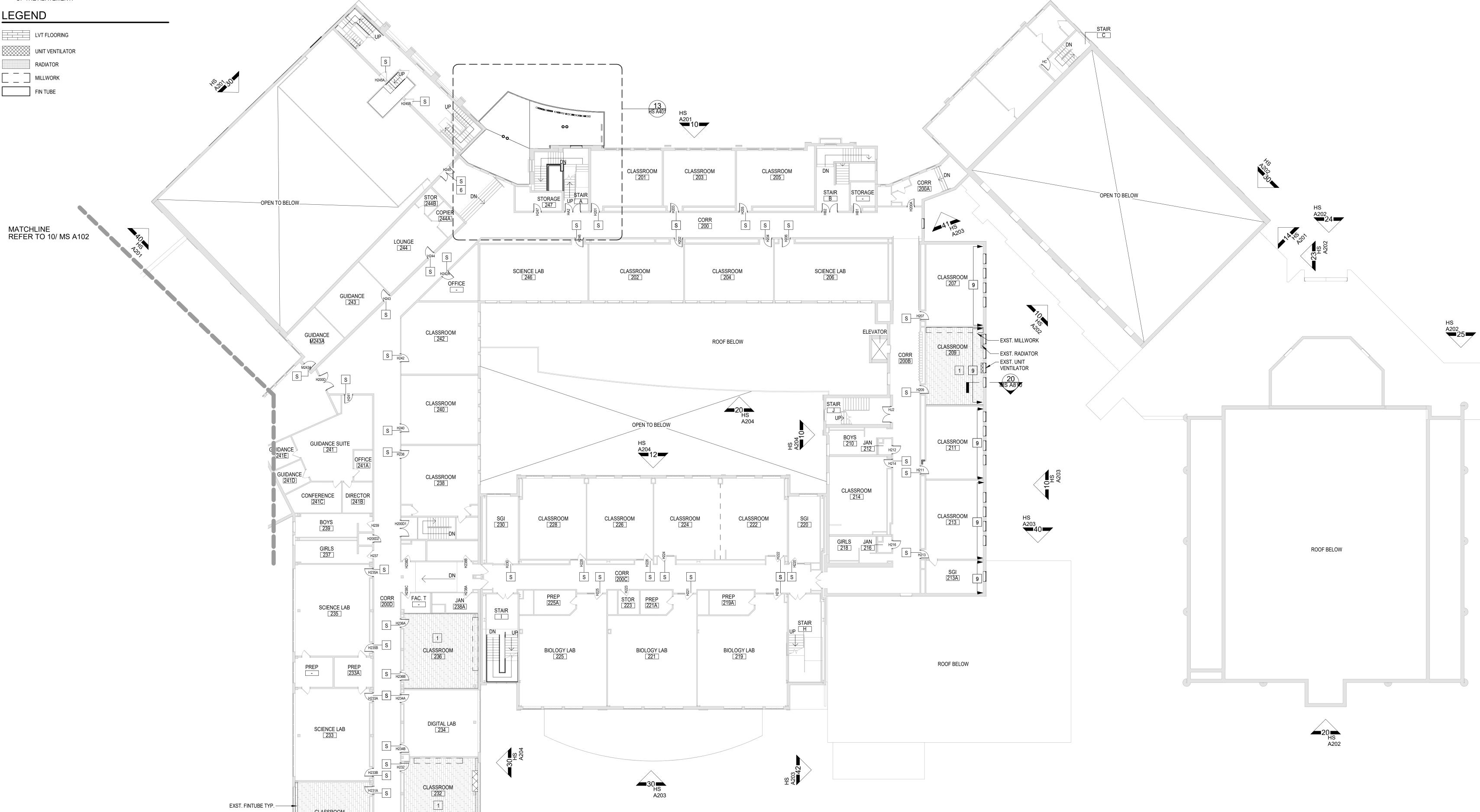
AND SELF LEVELING ENTIRE ROOM PROVIDE REMOVABLE INTERMEDIATE MULLION

NEW LVT AND WALL BASE. PREP SUBSTRATE FOR NEW FLOOR

PAINT THE ENTIRE WINDOW INTERIOR OPENING TO MATCH ADJACENT WALLS

KEY NOTES

SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE INFO. ALL SHELTER LOCK COMPONNENTS 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.



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$ 2 LYON PLACE

SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD

WHITE PLAINS, NY 10601

MEMASIDESIGN.COM

ITHACA, NY 14850

914.915.9519

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

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

BRIDGEWATER, MA 02324

MASSAPEQUA PARK, NY 11762

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

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

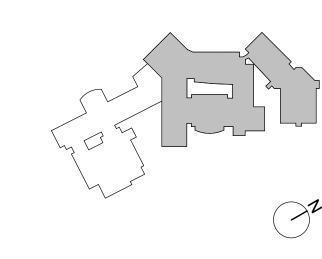
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BID SET	01/03/202

DATE

KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

> OVERALL PLAN -SECOND FLOOR

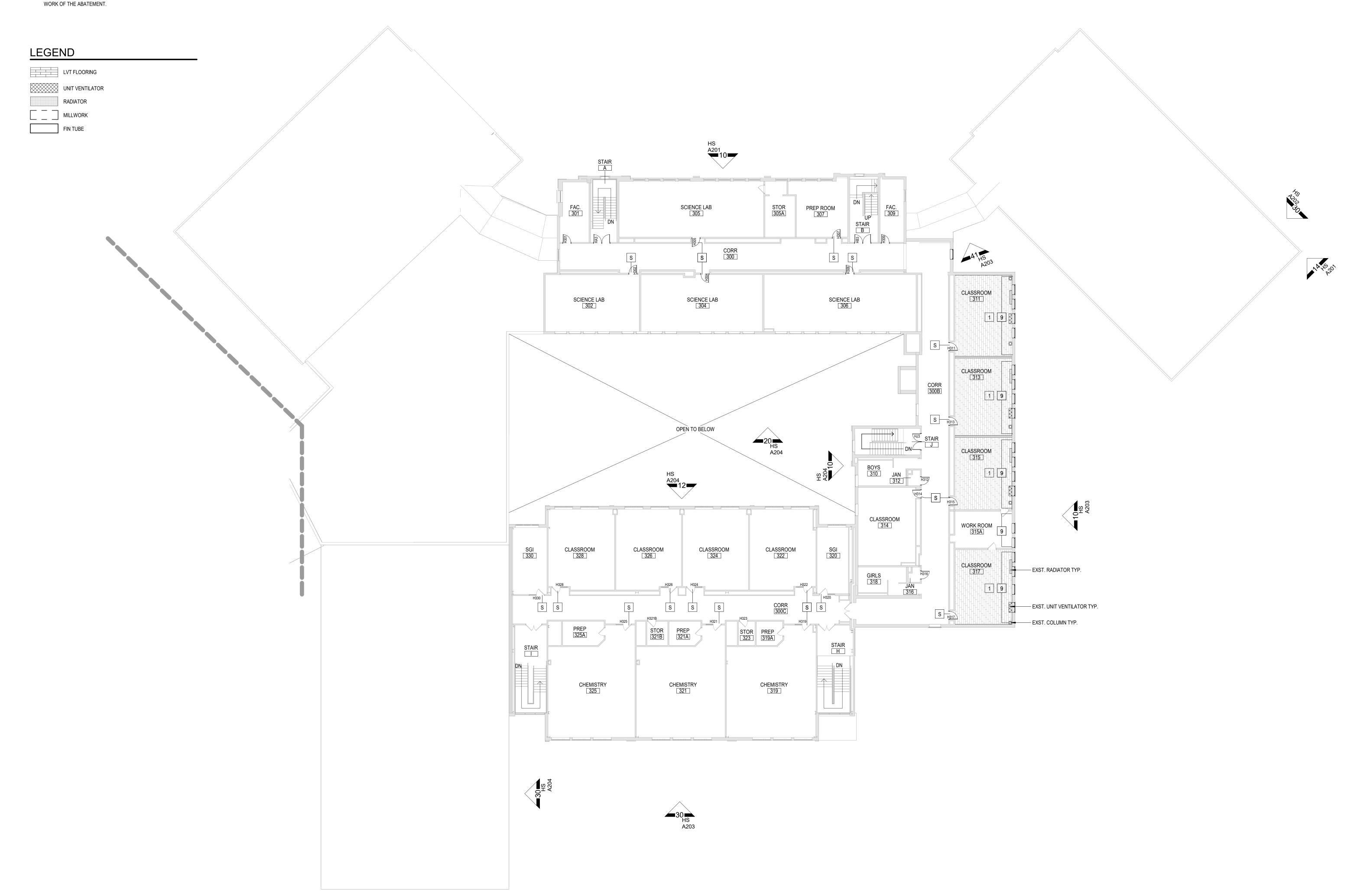
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EXST. MILLWORK TYP.

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KEY NOTES

- NEW LVT AND WALL BASE. PREP SUBSTRATE FOR NEW FLOOR AND SELF LEVELING ENTIRE ROOM
- PAINT THE ENTIRE WINDOW INTERIOR OPENING TO MATCH ADJACENT WALLS
- SHELTER LOCKSET. REFER TO SPECIFICATIONS FOR MORE INFO. ALL SHELTER LOCK COMPONNENTS 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.



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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

MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

MASSAPEQUA PARK, NY 11762

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

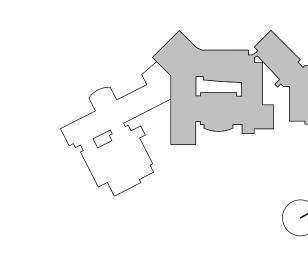
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KEY PLAN

SEAL

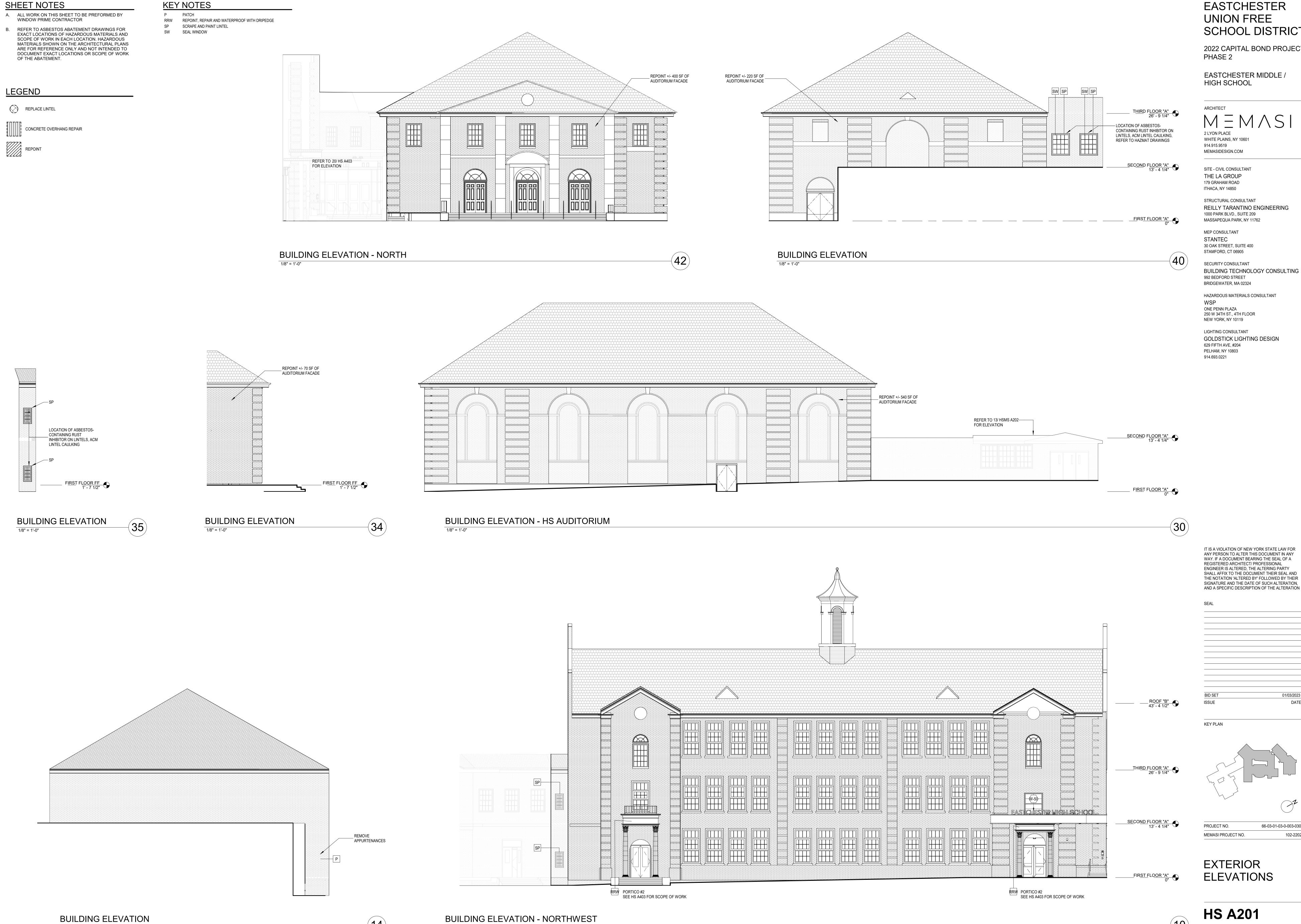


66-03-01-03-0-003-030 MEMASI PROJECT NO.

> OVERALL PLAN -THIRD FLOOR

HS A103

SHEET NOTES **KEY NOTES** EASTCHESTER A. ALL WORK ON THIS SHEET TO BE PREFORMED BY **UNION FREE** AIR CONDITIONER: REPLACE PLYWOOD/PLEXIGLASS W/ WINDOW PRIME CONTRACTOR INSULATED METAL PANEL SCHOOL DISTRICT B. REFER TO ASBESTOS ABATEMENT DRAWINGS FOR REPOINT SILL EXACT LOCATIONS OF HAZARDOUS MATERIALS AND SCRAPE AND PAINT LINTEL SCOPE OF WORK IN EACH LOCATION. HAZARDOUS SW SEAL WINDOW MATERIALS SHOWN ON THE ARCHITECTURAL PLANS 2022 CAPITAL BOND PROJECT ARE FOR REFERENCE ONLY AND NOT INTENDED TO SW SP TYP. FOR ALL WINDOWS IN ELEVATION DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK THIRD FLOOR "A" PHASE 2 OF THE ABATEMENT. EASTCHESTER MIDDLE / HIGH SCHOOL 2 COURSE BRICK + SILL **LEGEND** SECOND FLOOR "B" 16' - 2" REPLACE LINTEL ARCHITECT $M \equiv M \wedge S$ CONCRETE OVERHANG REPAIR 2 COURSE BRICK + SILL 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM FIRST FLOOR "B" 2' - 9 1/4" SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD **BUILDING ELEVATION** ITHACA, NY 14850 1/8" = 1'-0" 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 SW SP NEW YORK, NY 10119 PEPOINT ABOVE OVERHANG SP TYP. FOR 8 – WINDOWS SW SP TYP. FOR 29 WINDOWS LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221 SECOND FLOOR "A" 13' - 4 1/4" SW SP AC _ FI<u>RST</u> FL<u>OOR "B"</u> _____ SW SP TYP. FOR 22 RPS SW SP WINDOWS SW SP TYP. FOR 8 WINDOWS **BUILDING ELEVATION** 1/8" = 1'-0" IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/ PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION ______THIRD FLOOR "A" _______ 26' - 9 1/4" ______ SECOND FLOOR "B" 16' - 2" FI<u>RST</u> FL<u>OOR "B"</u> 2' - 9 1/4" PRESSURE — WASH BRICK FULL ELEVATION PRESSURE WASH BRICK FULL ELEVATION **BUILDING ELEVATION BUILDING ELEVATION** 1/8" = 1'-0" 1/8" = 1'-0" KEY PLAN PROJECT NO. 66-03-01-03-0-003-030 SECOND FLOOR "B" MEMASI PROJECT NO. 102-2202 **EXTERIOR ELEVATIONS** FIRST FLOOR "B" 2' - 9 1/4" **MS A201 BUILDING ELEVATION BUILDING ELEVATION** 1/8" = 1'-0" © 2022 MEMASI. ALL RIGHTS RESERVED.



(14)

1/8" = 1'-0"

1/8" = 1'-0"

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

EASTCHESTER MIDDLE /

WHITE PLAINS, NY 10601 MEMASIDESIGN.COM

SITE - CIVIL CONSULTANT

STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING

MEP CONSULTANT 30 OAK STREET, SUITE 400

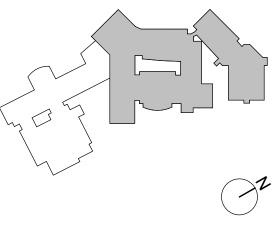
STAMFORD, CT 06905

992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT

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

GOLDSTICK LIGHTING DESIGN

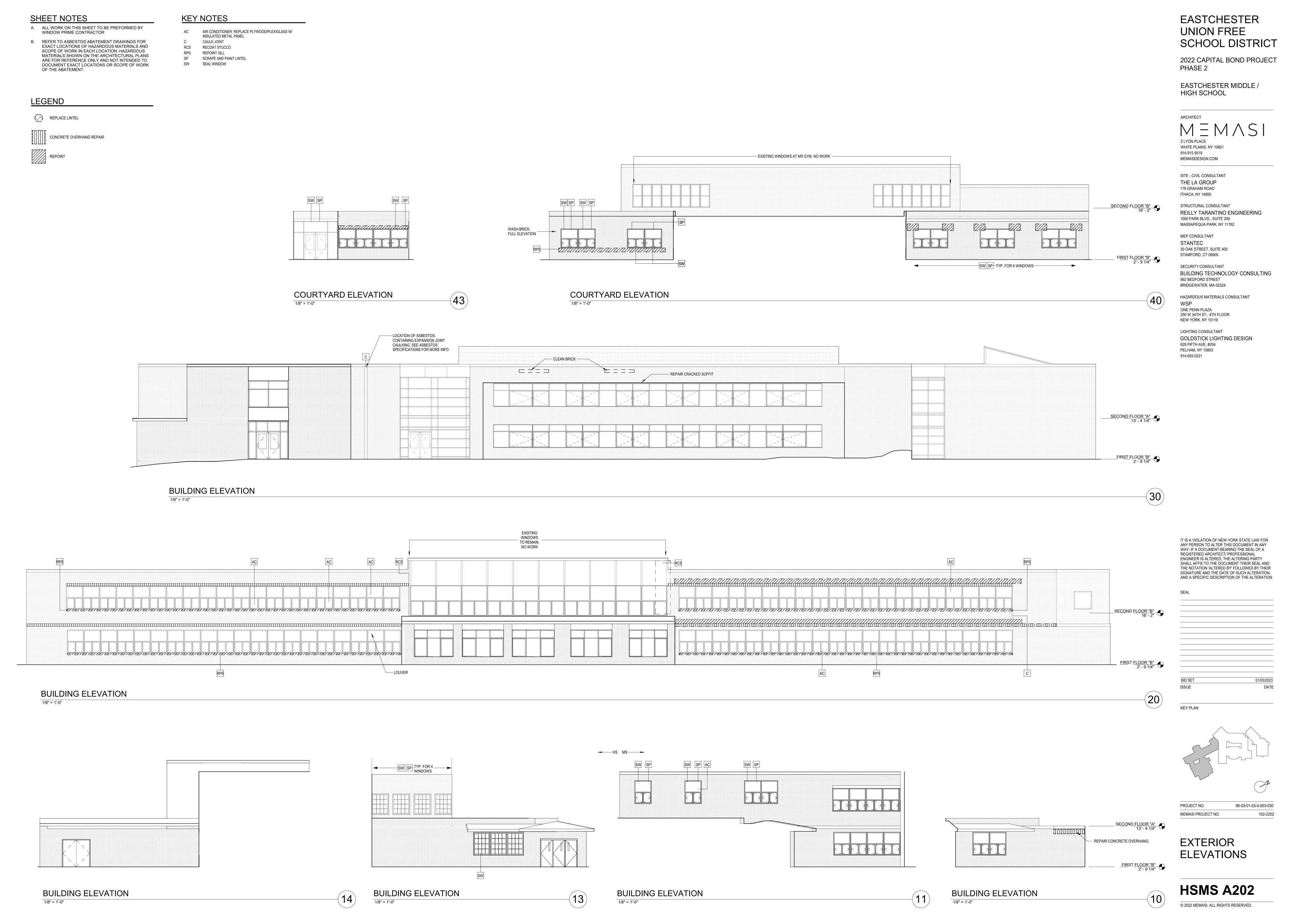
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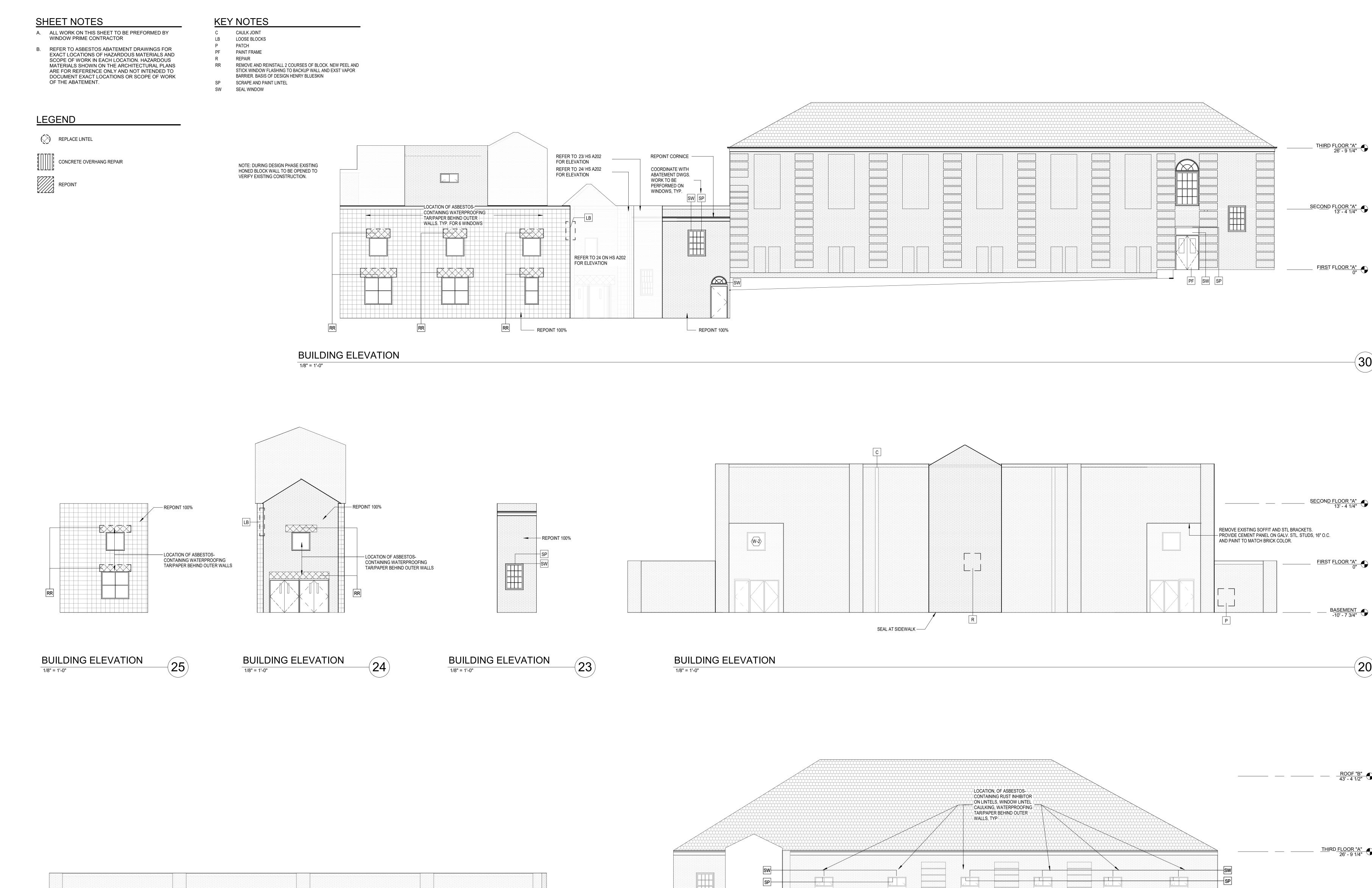


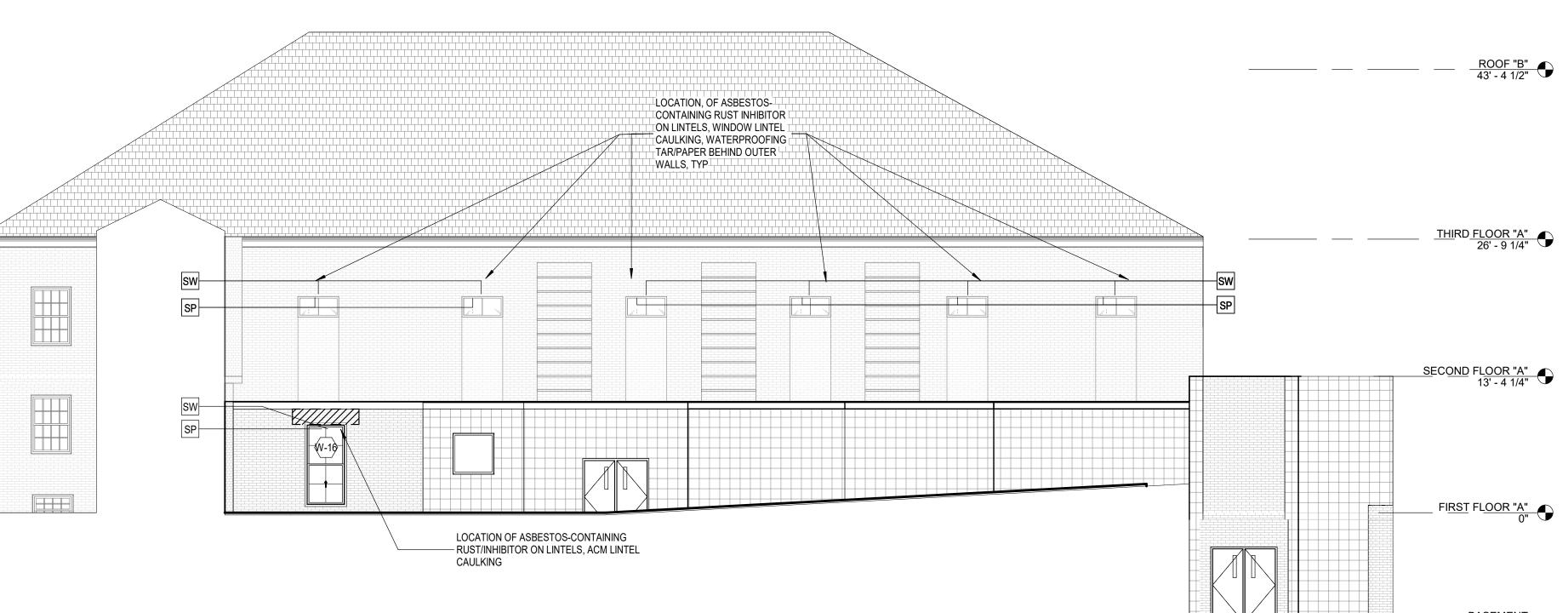
66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

EXTERIOR ELEVATIONS

HS A201







EXTERIOR ELEVATIONS

KEY PLAN

PROJECT NO.

MEMASI PROJECT NO.

EASTCHESTER

SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

EASTCHESTER MIDDLE /

UNION FREE

PHASE 2

ARCHITECT

2 LYON PLACE

914.915.9519

WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT

STRUCTURAL CONSULTANT

1000 PARK BLVD., SUITE 209

30 OAK STREET, SUITE 400 STAMFORD, CT 06905

SECURITY CONSULTANT

992 BEDFORD STREET BRIDGEWATER, MA 02324

ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR

NEW YORK, NY 10119

LIGHTING CONSULTANT

629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221

MASSAPEQUA PARK, NY 11762

REILLY TARANTINO ENGINEERING

BUILDING TECHNOLOGY CONSULTING

HAZARDOUS MATERIALS CONSULTANT

GOLDSTICK LIGHTING DESIGN

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01/03/2023

66-03-01-03-0-003-030

102-2202

THE LA GROUP

179 GRAHAM ROAD

MEP CONSULTANT

STANTEC

ITHACA, NY 14850

FIRST FLOOR "A"

FIRST FLOOR "A" 0"

MEMASIDESIGN.COM

HIGH SCHOOL

BUILDING ELEVATION

(W-2)

BUILDING ELEVATION

HS A202

- A. ALL WORK ON THIS SHEET TO BE PREFORMED BY WINDOW PRIME CONTRACTOR
- REFER TO ASBESTOS ABATEMENT DRAWINGS FOR **EXACT LOCATIONS OF HAZARDOUS MATERIALS AND** SCOPE OF WORK IN EACH LOCATION. HAZARDOUS MATERIALS SHOWN ON THE ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY AND NOT INTENDED TO DOCUMENT EXACT LOCATIONS OR SCOPE OF WORK OF THE ABATEMENT.

LEGEND

REPLACE LINTEL

CONCRETE OVERHANG REPAIR

CAULK JOINT FILL BRICK REPAIR REPLACE LINTEL REPOINT REPOINT CORNICE REPLACE SILL

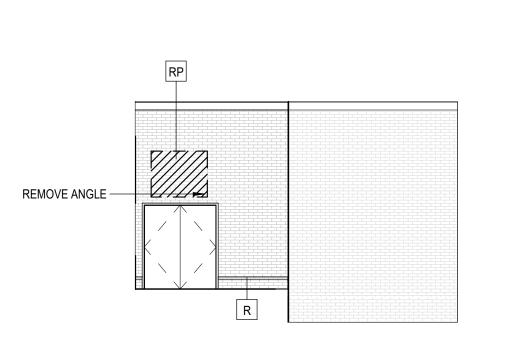
SCRAPE AND PAINT LINTEL

SEAL WINDOW

BUILDING ELEVATION

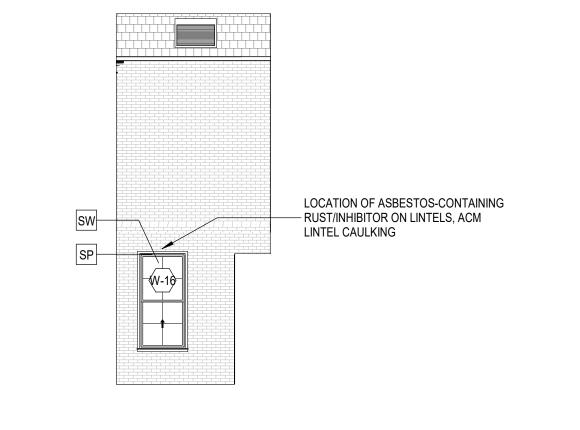
1/8" = 1'-0"

KEY NOTES



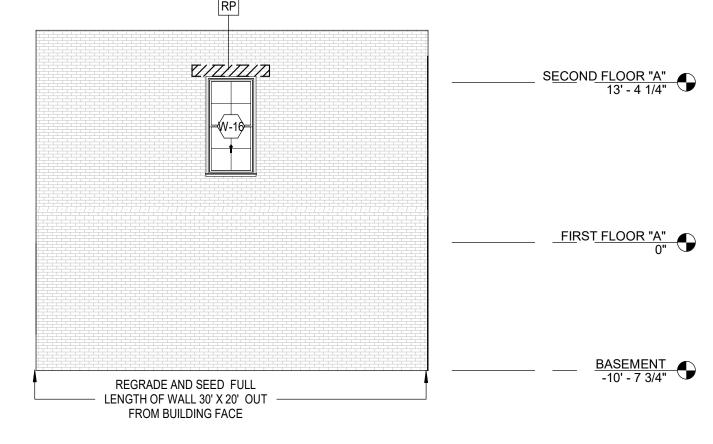
BUILDING ELEVATION

1/8" = 1'-0"



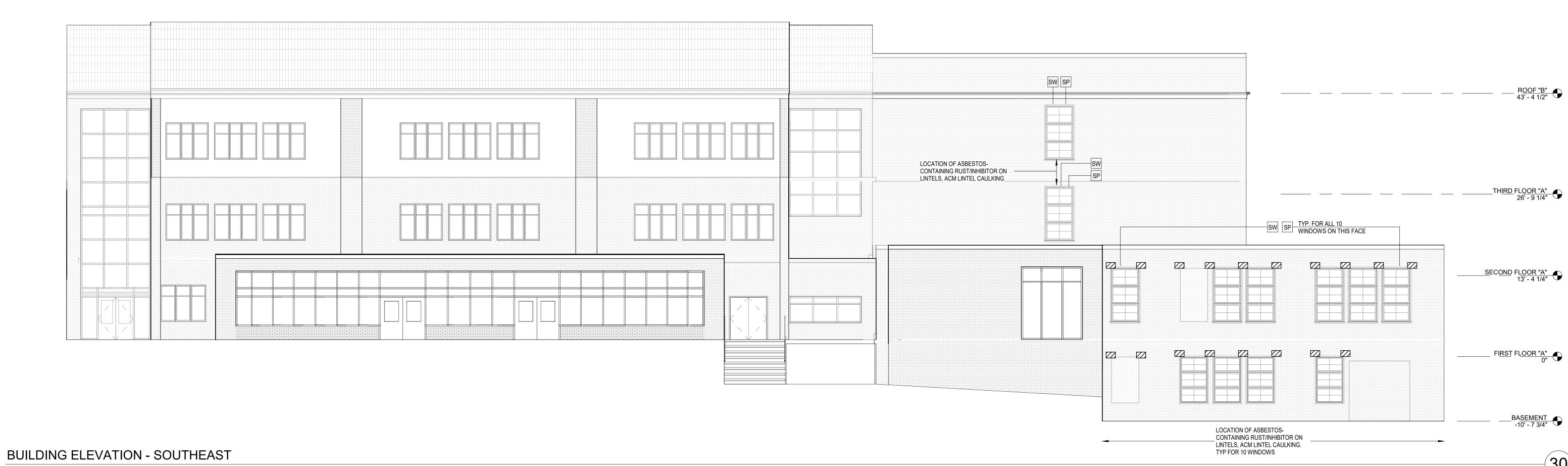
BUILDING ELEVATION

1/8" = 1'-0"



PHASE 2 $M \equiv M \wedge SI$

BUILDING ELEVATION 1/8" = 1'-0"



42)

IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/ PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION SEAL

EASTCHESTER

SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

EASTCHESTER MIDDLE /

HIGH SCHOOL

ARCHITECT

2 LYON PLACE

914.915.9519

WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT THE LA GROUP

STRUCTURAL CONSULTANT

1000 PARK BLVD., SUITE 209

30 OAK STREET, SUITE 400 STAMFORD, CT 06905

SECURITY CONSULTANT

992 BEDFORD STREET BRIDGEWATER, MA 02324

ONE PENN PLAZA

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

LIGHTING CONSULTANT

629 FIFTH AVE, #204 PELHAM, NY 10803

914.693.0221

MASSAPEQUA PARK, NY 11762

REILLY TARANTINO ENGINEERING

BUILDING TECHNOLOGY CONSULTING

HAZARDOUS MATERIALS CONSULTANT

GOLDSTICK LIGHTING DESIGN

MEMASIDESIGN.COM

179 GRAHAM ROAD

ITHACA, NY 14850

MEP CONSULTANT

STANTEC

UNION FREE

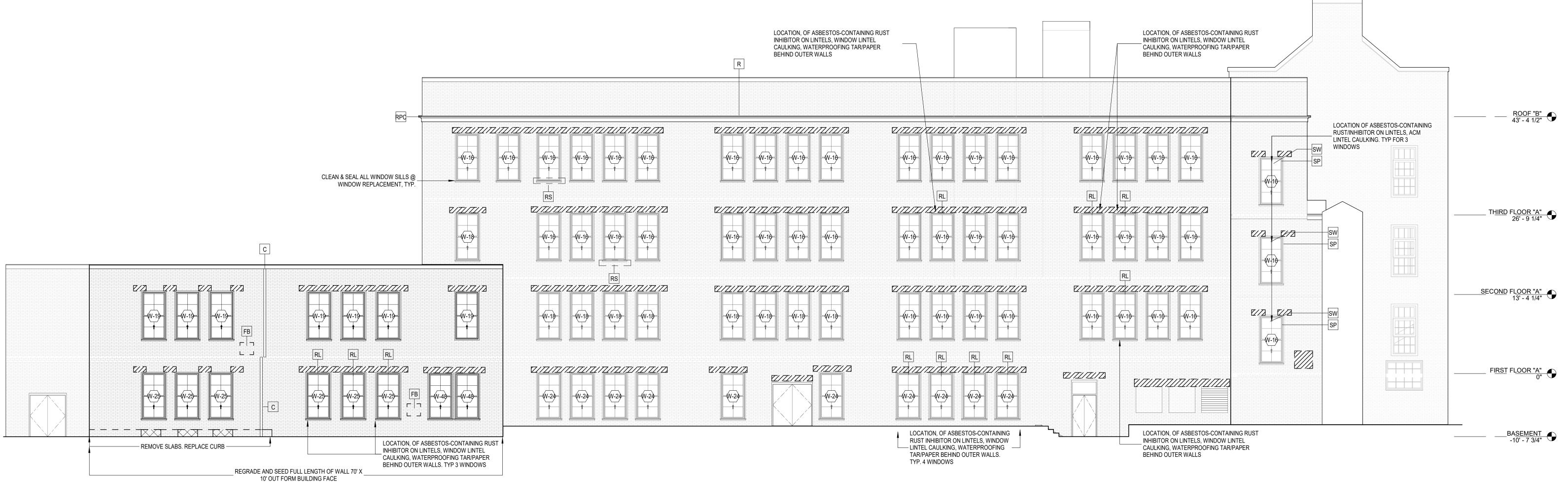
01/03/2023 DATE

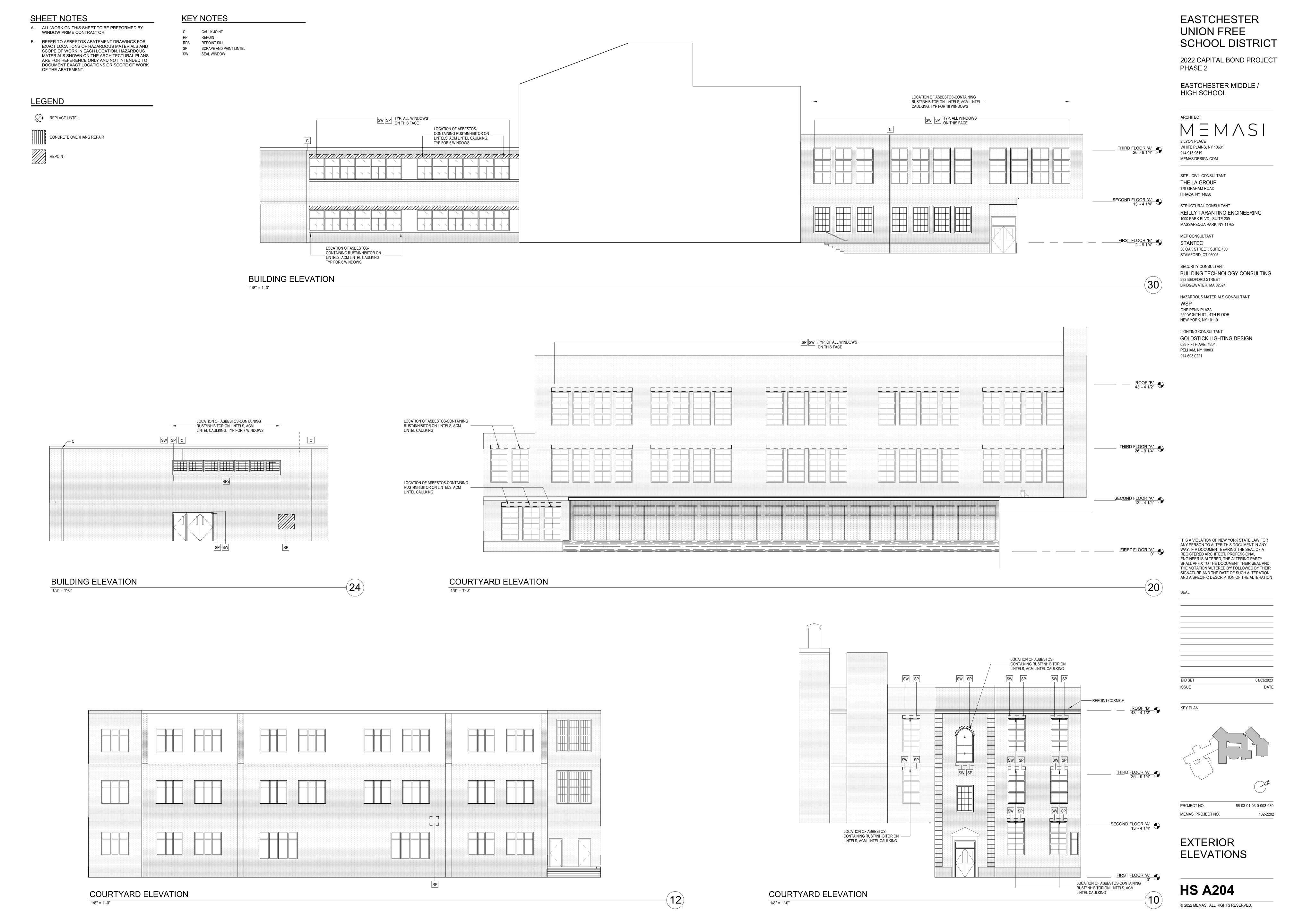
KEY PLAN

PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

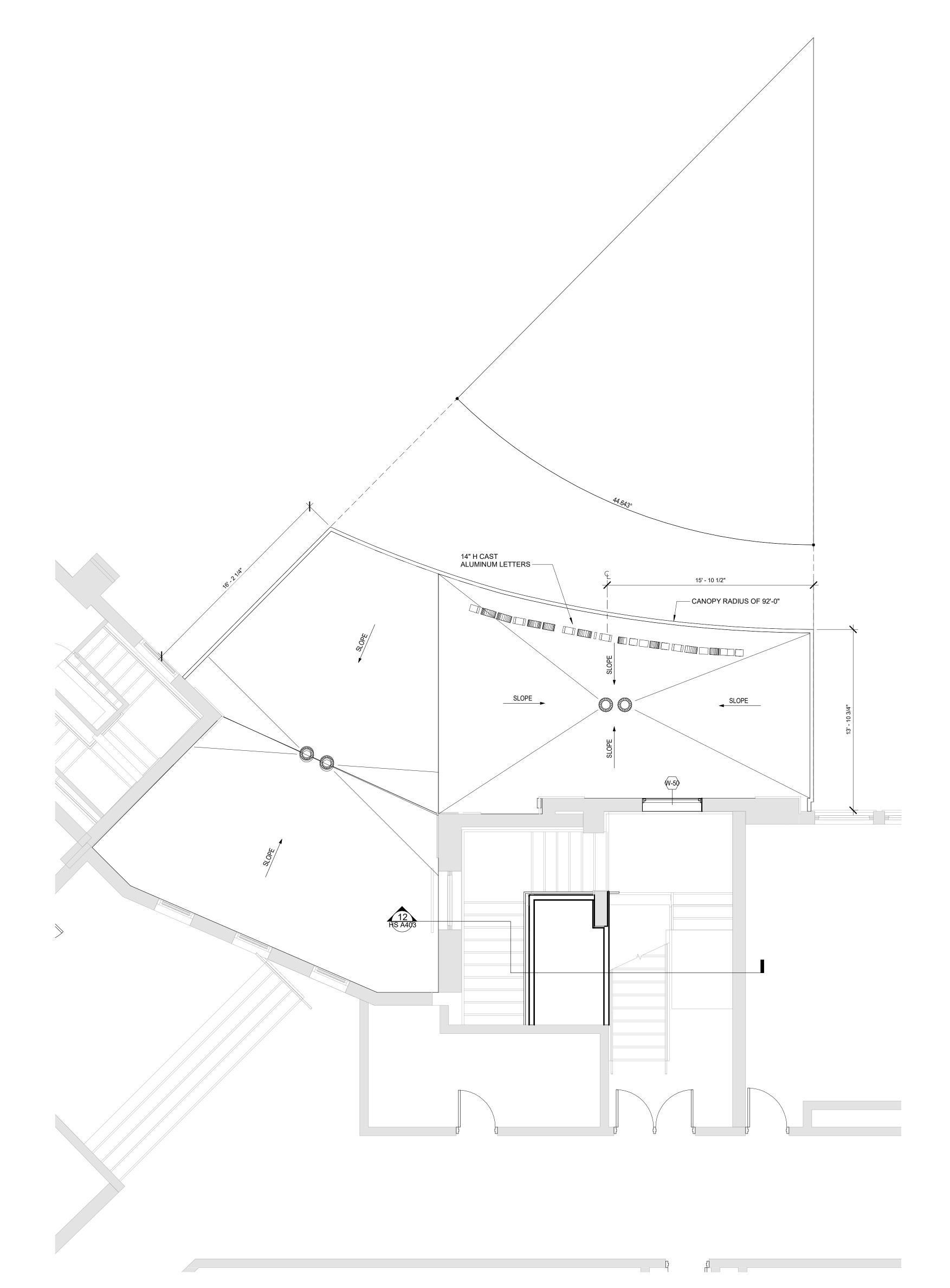
EXTERIOR ELEVATIONS

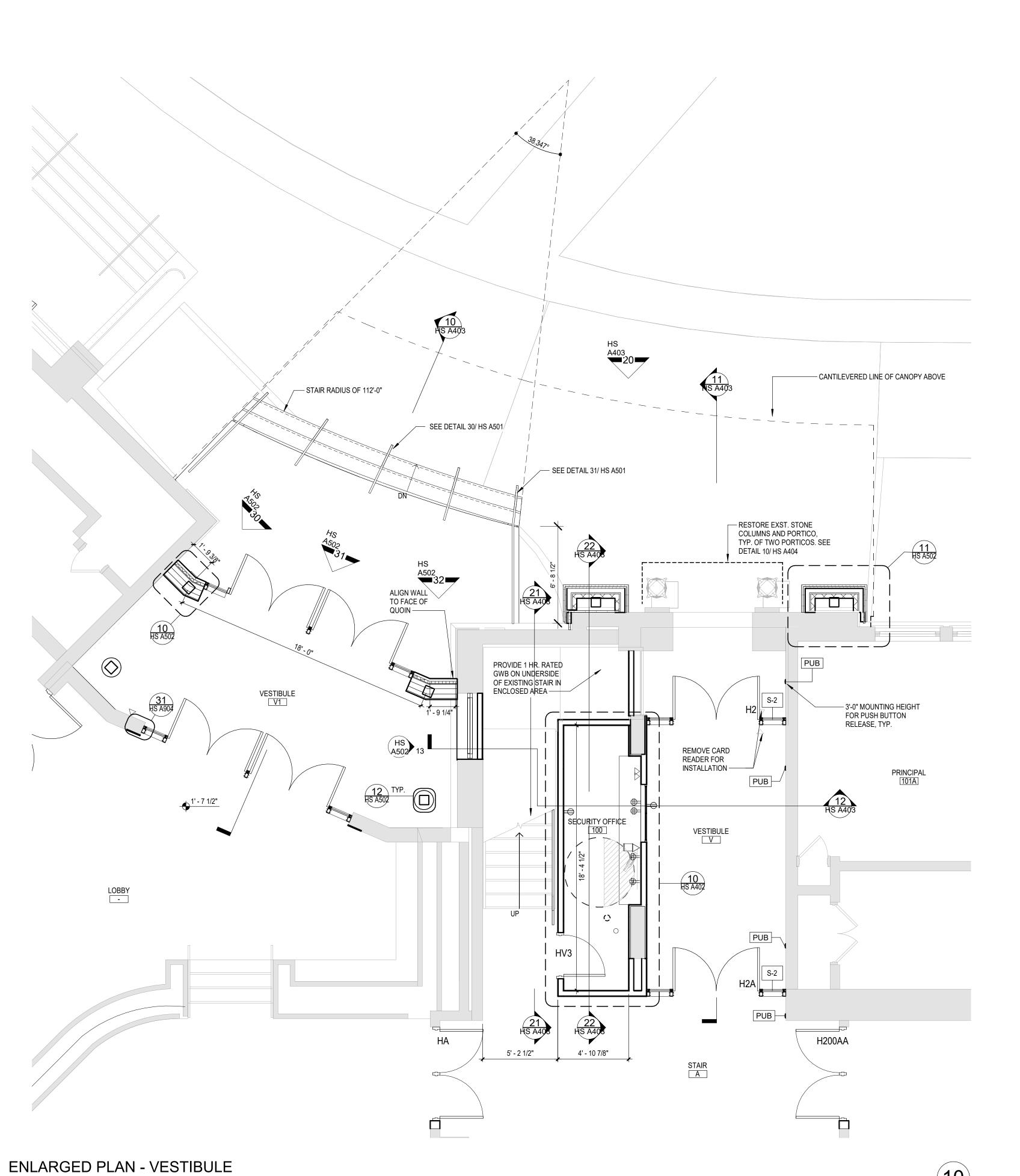
HS A203





- 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
 PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE NOTED.
- C. PROVIDE BLOCKING IN ALL ADJACENT WALLS AS REQUIRED TO INSTALL ALL CASEWORK
- D. PROVIDE WALL BASE AS SCHEDULED ON ALL EXPOSED TOE KICK SPACES AND EXPOSED END
- E. ALL WORK ASSOCIATED WITH STONE PORTICO REPAIR AND MAIN ENTRANCE EXTERIOR REPAIRS BY GC CONTRACTOR.





SCHOOL DISTRICT 2022 CAPITAL BOND PROJECT

PHASE 2

EASTCHESTER

UNION FREE

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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

MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

992 BEDFORD STREET

NEW YORK, NY 10119

MASSAPEQUA PARK, NY 11762

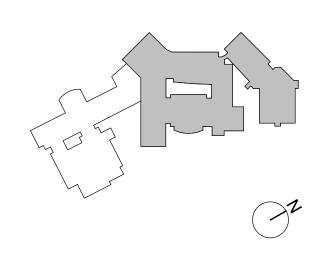
STAMFORD, CT 06905 SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR

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

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KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

MAIN ENTRY

HS A401

13

		SPECIA	LTY EQUIPMENT SCHEDUL	E - SECURITY	
KEY	QTY.	NAME	COMMENTS	PROVIDED BY	REQUIREMENTS
С	1	CLOCK/SPEAKER	SECURITY DEVICE		
CR	3	CARD READER	SECURITY DEVICE		
DR	2	UNDERCOUNTER DOOR RELEASE BUTTON	SECURITY DEVICE	FOR COORDINATION - ELECTRICAL CONTRACT	
IC	4	INTERCOM STATION	SECURITY DEVICE		
ICV	1	VIDEO INTERCOM STATION	SECURITY DEVICE		OWNER
L	1	LOCKDOWN INDICATOR LIGHT/STROBE	SECURITY DEVICE		
LP	1	PRINTER LABEL BADGE	SECURITY DEVICE	FOR COORDINATION - ELECTRICAL CONTRACT	
MS	1	INFRARED MOTION SENSOR	SECURITY DEVICE		
PUB	4	PUSH BUTTON	SECURITY DEVICE		
S	1	CEILING SPEAKER	SECURITY DEVICE		
SC	2	SECURITY CAMERA	SECURITY DEVICE		

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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

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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

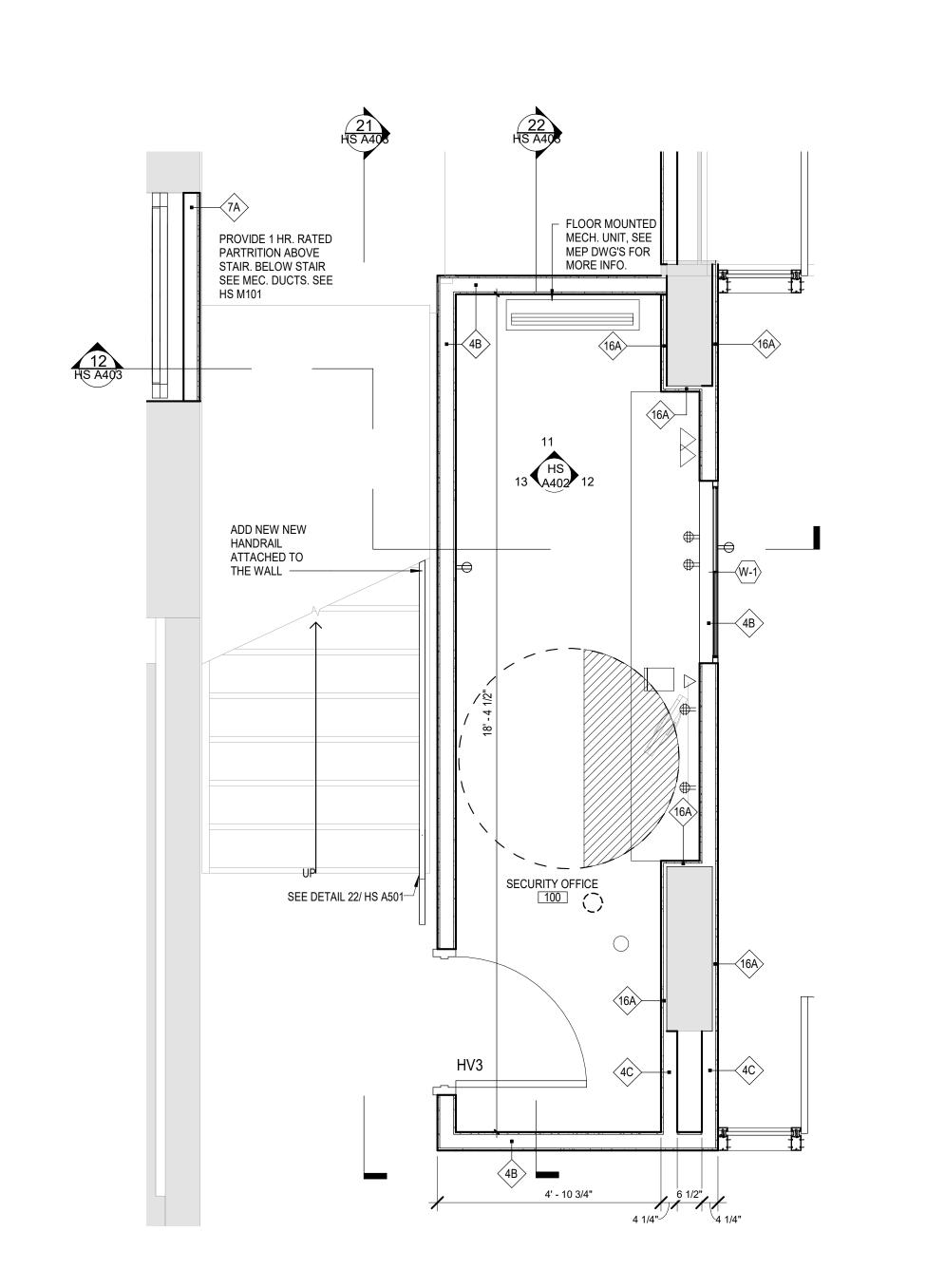
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

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

BRIDGEWATER, MA 02324

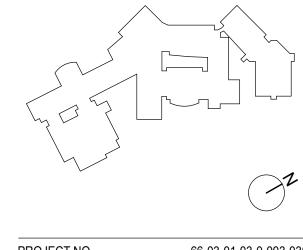
NEW YORK, NY 10119 LIGHTING CONSULTANT

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



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KEY PLAN

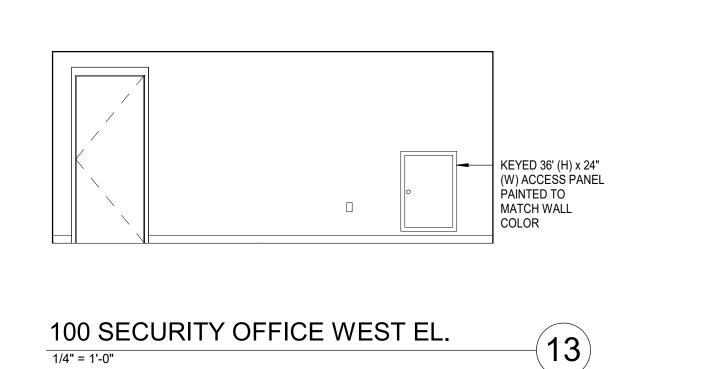


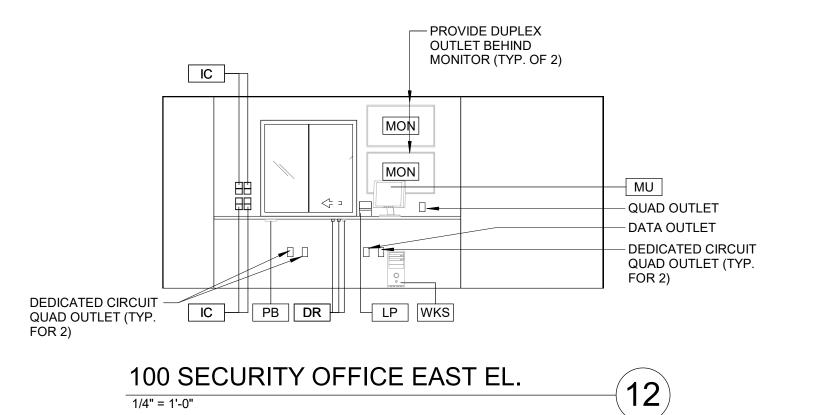
PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

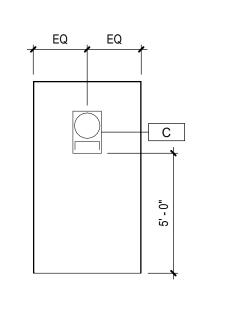
ENLARGED SECOND FLOOR & CANOPY ROOF PLAN

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HS A402

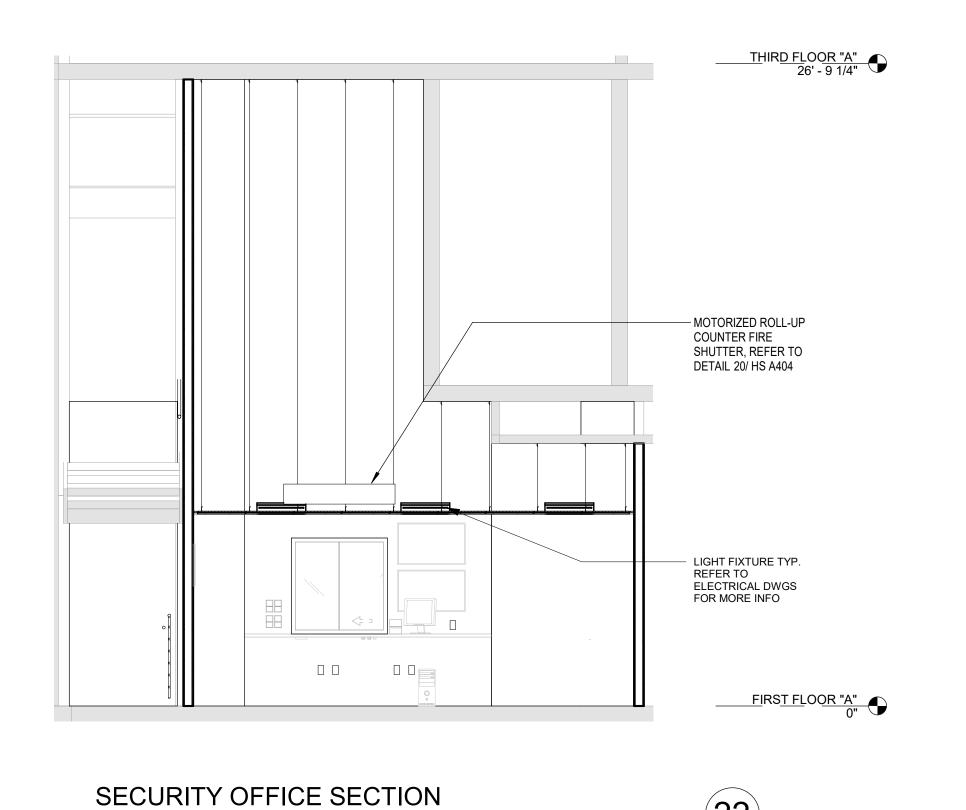




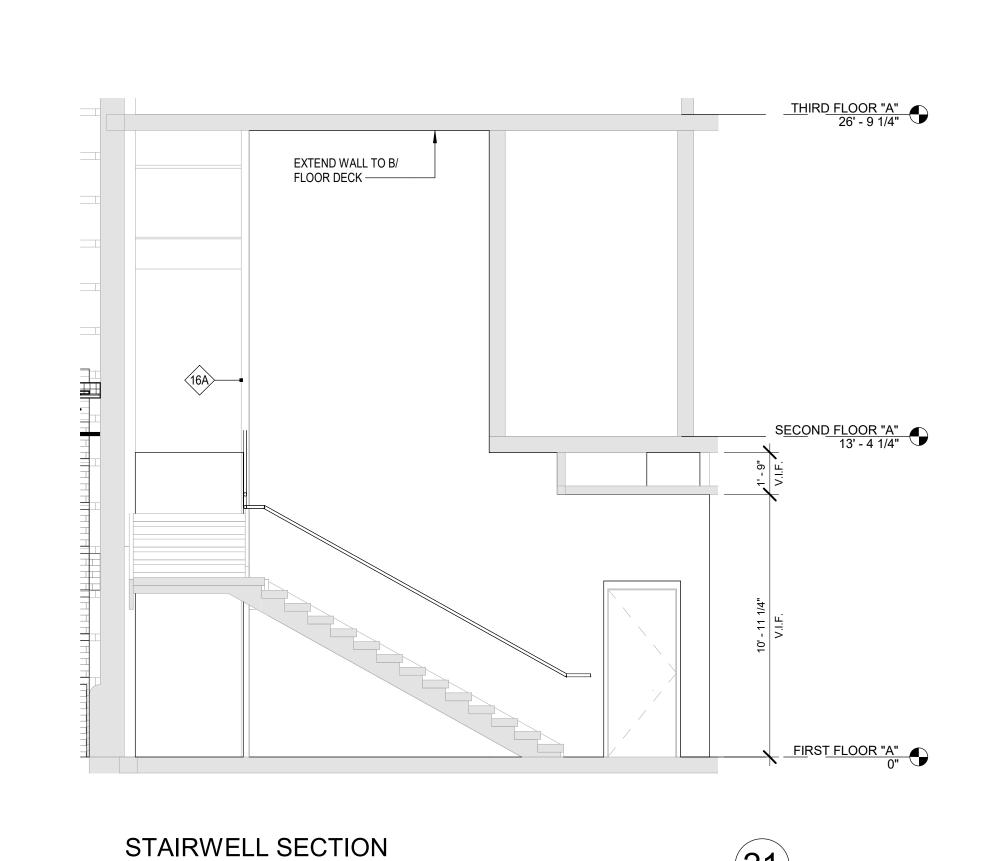


100 SECURITY OFFICE NORTH EL. 11 1/4" = 1'-0"

ENLARGED PLAN - SECURITY OFFICE

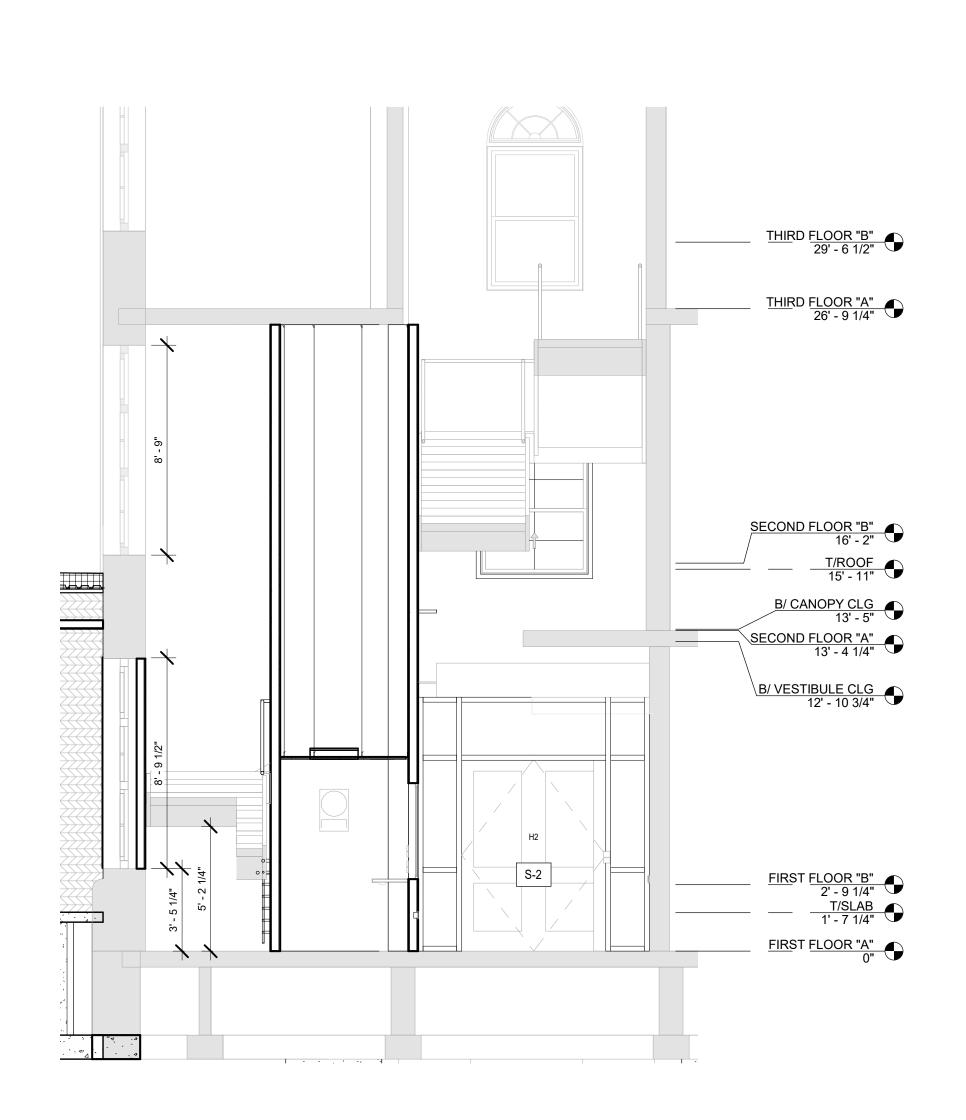


1/4" = 1'-0"



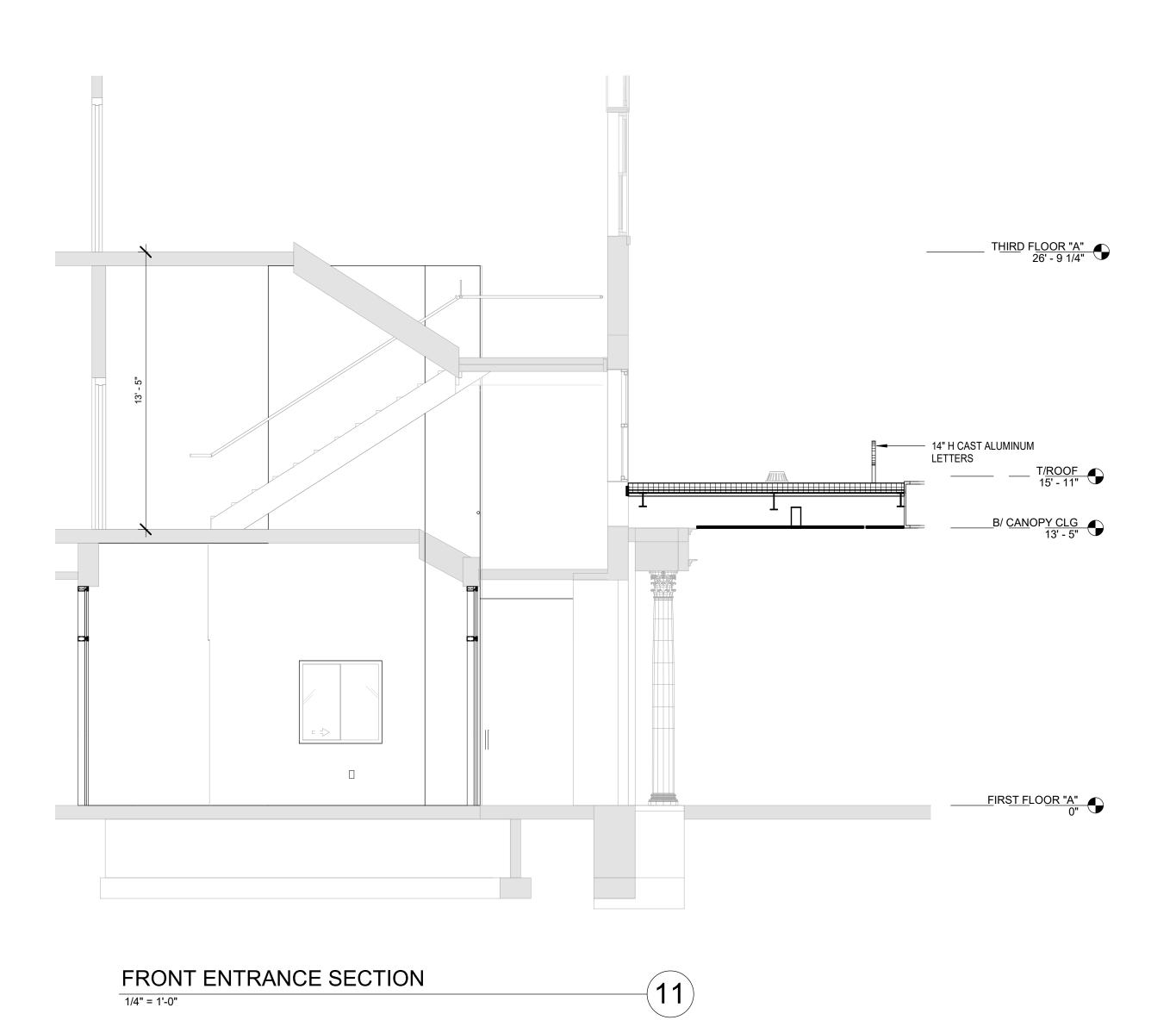
1/4" = 1'-0"

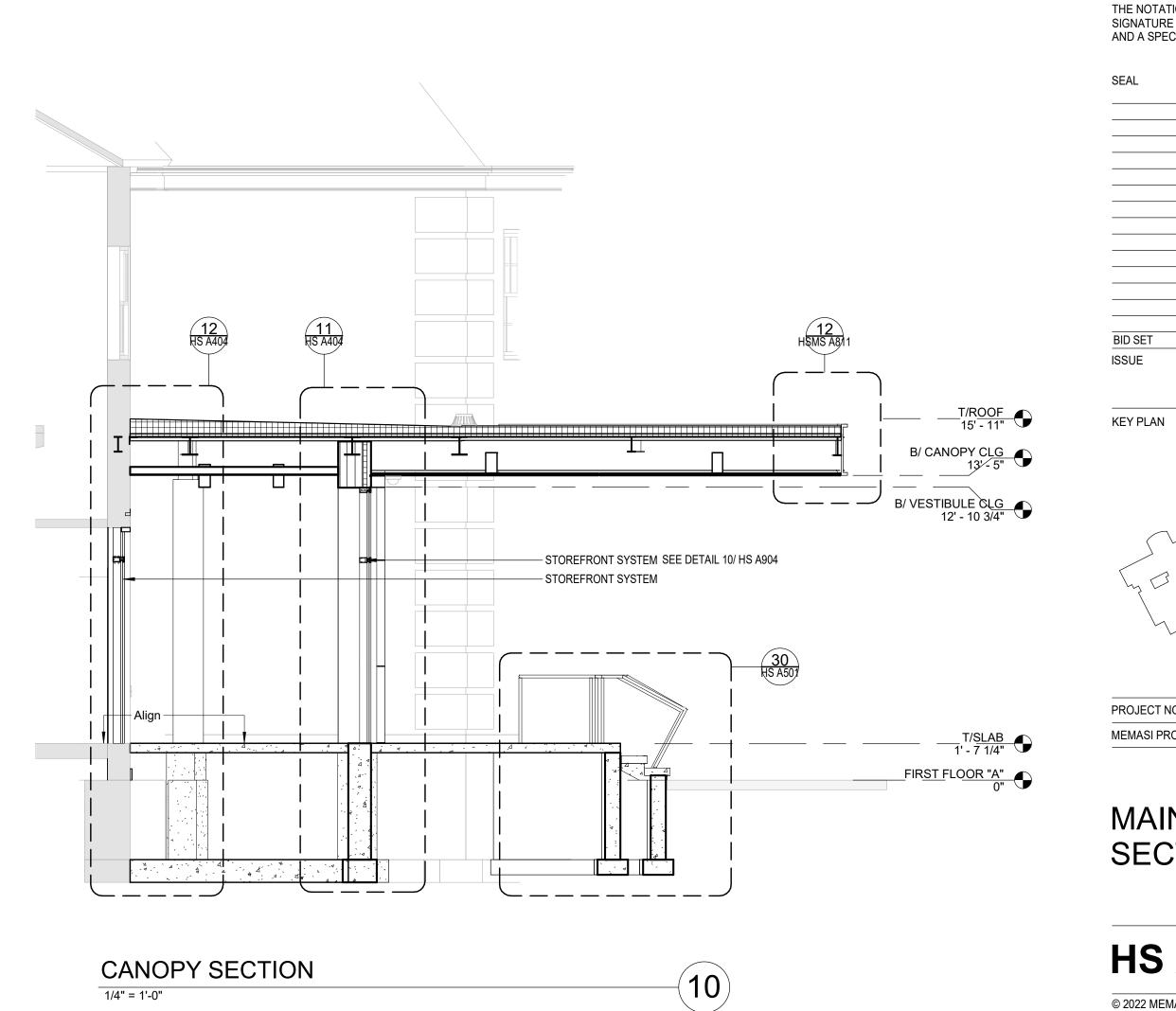




12

SECURITY OFFICE SECTION





EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$ 2 LYON PLACE WHITE PLAINS, NY 10601

MEMASIDESIGN.COM SITE - CIVIL CONSULTANT THE LA GROUP

179 GRAHAM ROAD

914.915.9519

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

BRIDGEWATER, MA 02324

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

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

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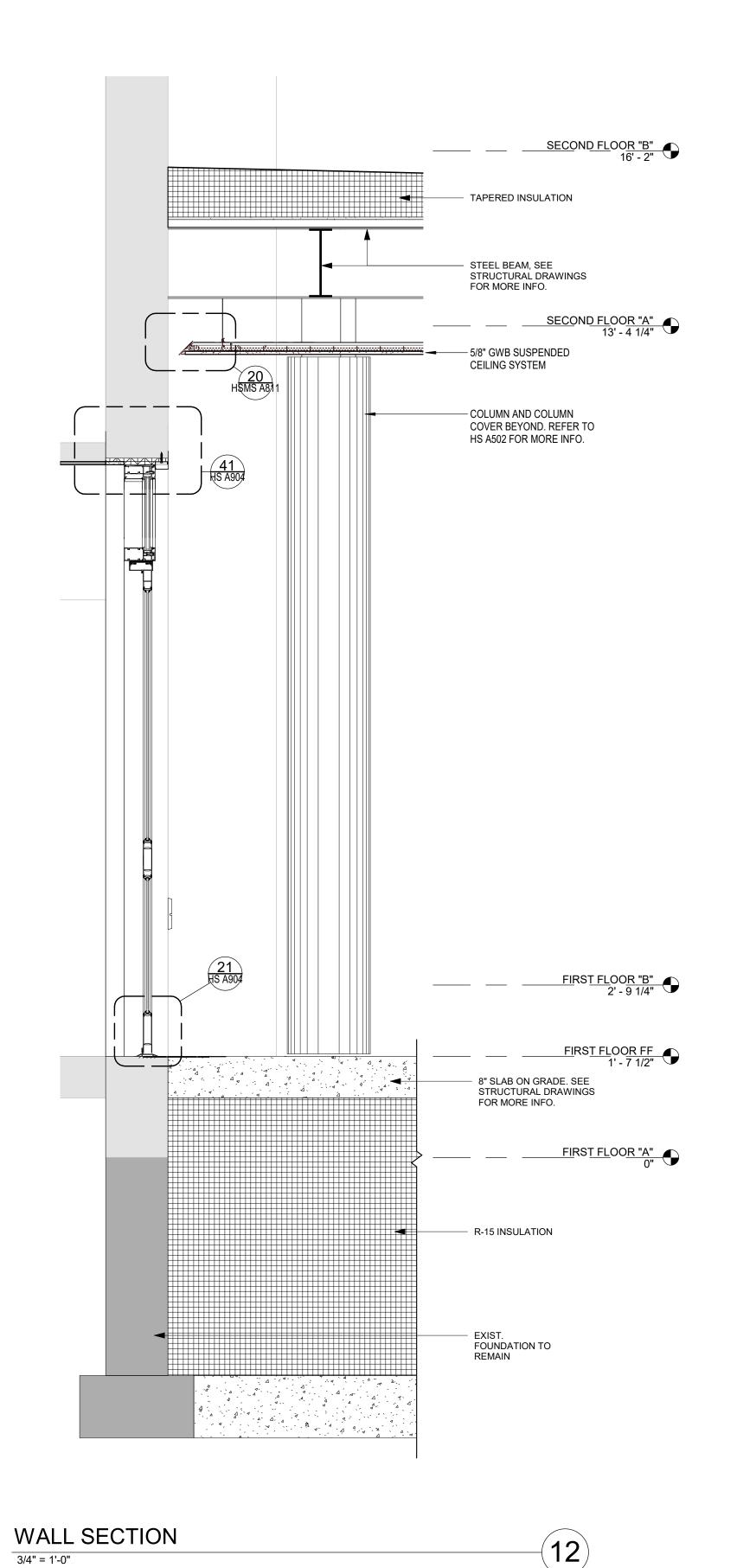
PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

MAIN ENTRY SECTIONS

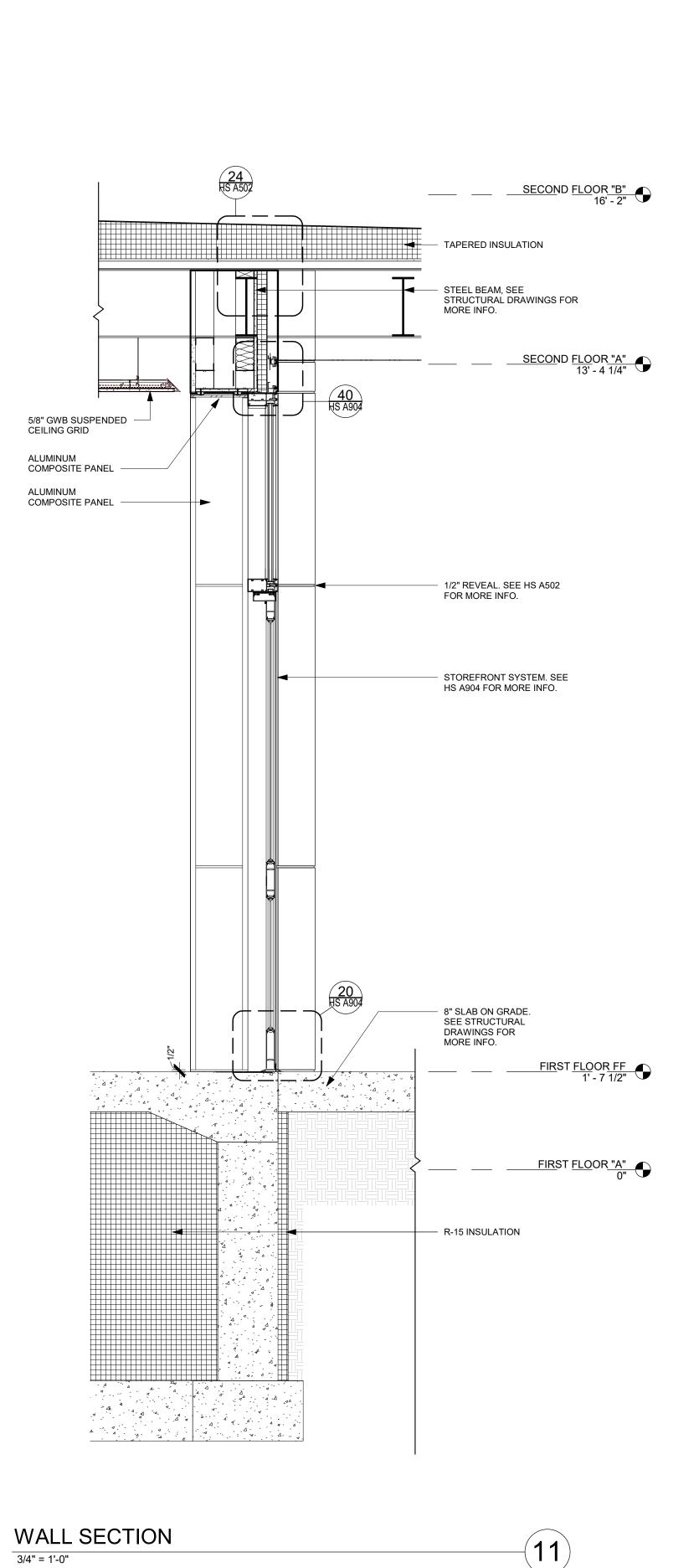
HS A403

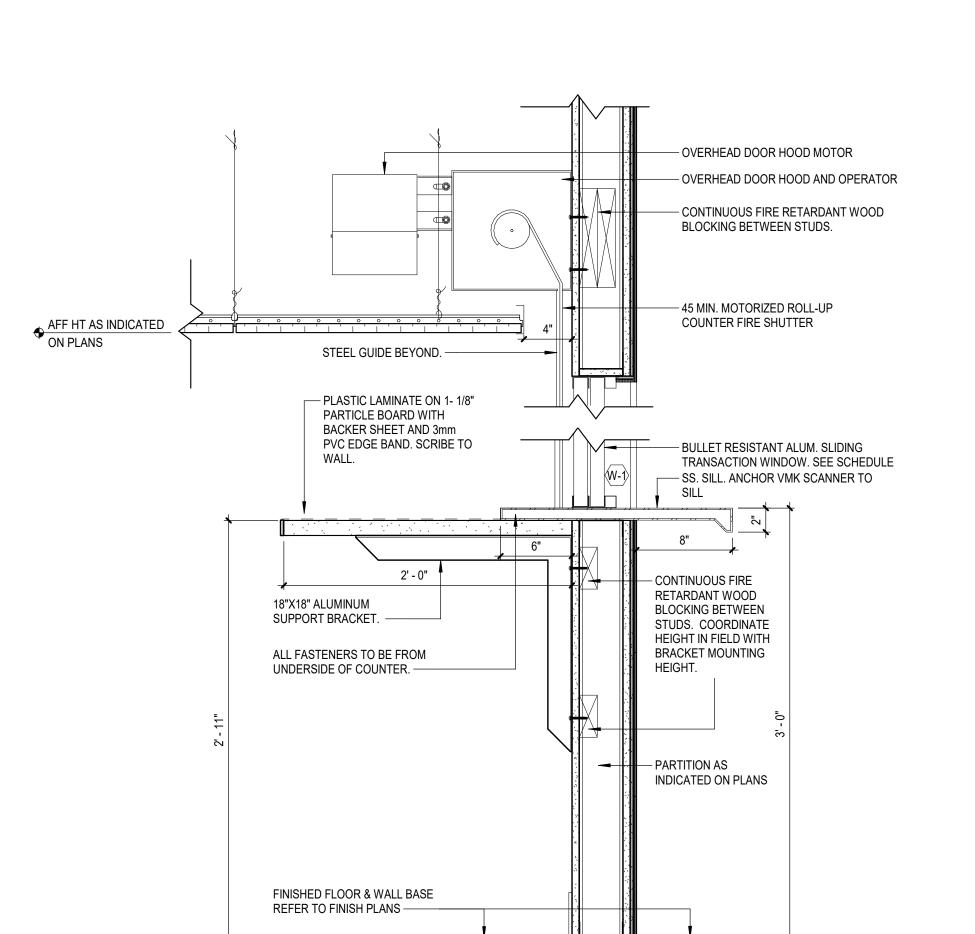
NOTED.

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- C. ALL WORK ASSOCIATED WITH STONE PORTICO REPAIR TO BE PREFORMED BY GC CONTRACTOR.

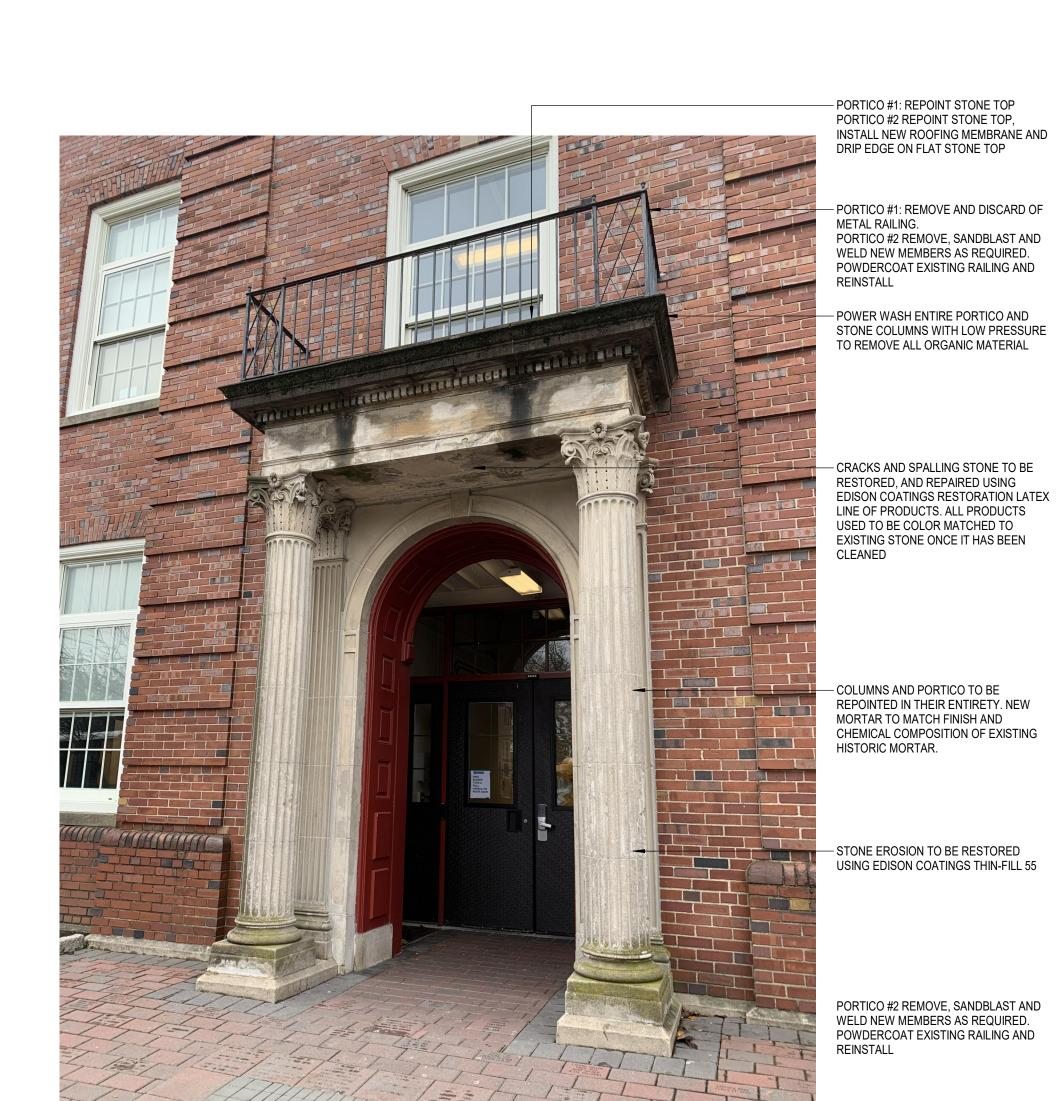


3/4" = 1'-0"





TRANSACTION WINDOW SECTION 1 1/2" = 1'-0"



STONE PORTICO REPAIR 3/32" = 1'-0"

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

2 LYON PLACE WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT THE LA GROUP

MEMASIDESIGN.COM

914.915.9519

179 GRAHAM ROAD ITHACA, NY 14850

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

MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

992 BEDFORD STREET

MASSAPEQUA PARK, NY 11762

STAMFORD, CT 06905 SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

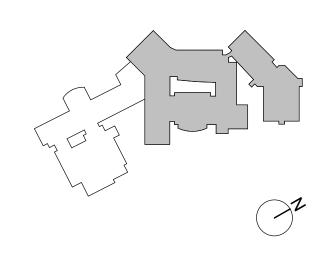
BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR

NEW YORK, NY 10119 LIGHTING CONSULTANT

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

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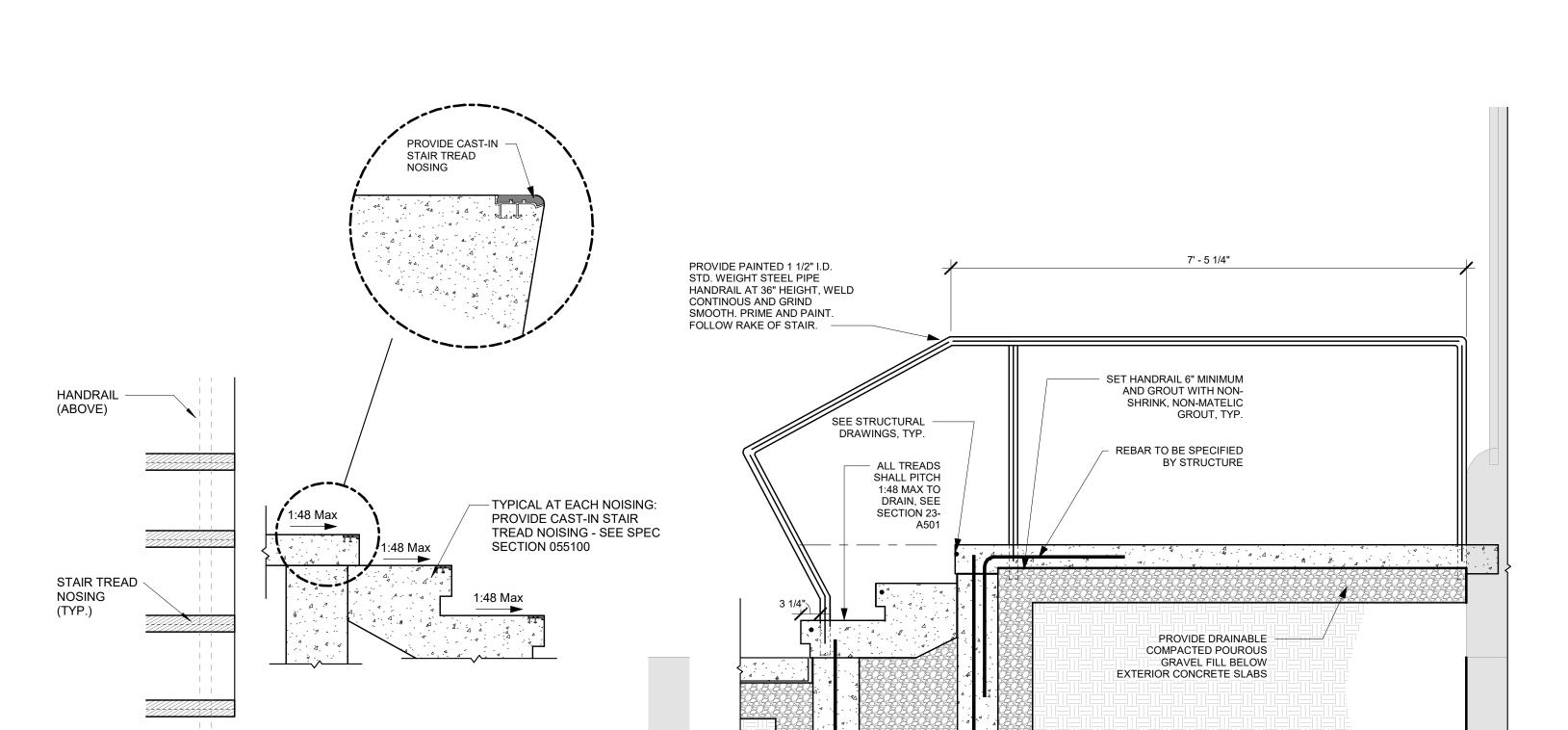
KEY PLAN

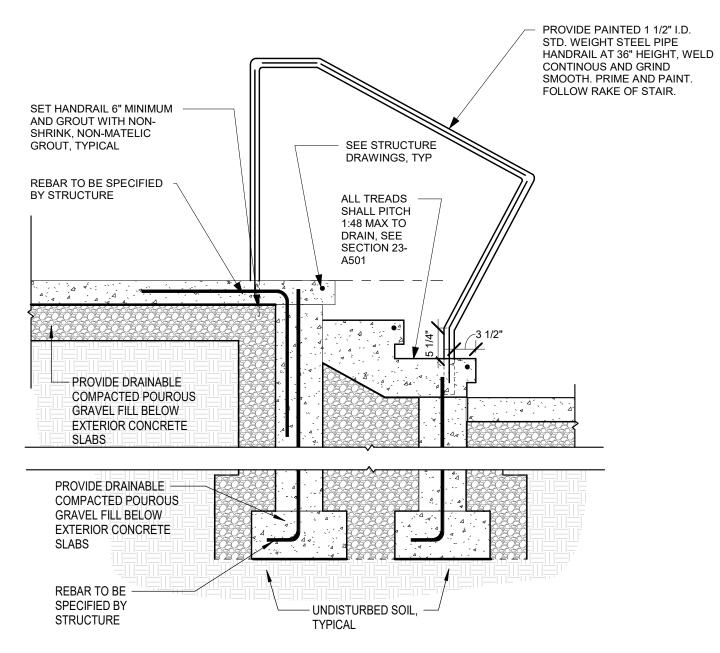


PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

ENLARGED PLANS & SECTIONS -SECURE VESTIBULE

HS A404







EASTCHESTER

SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

EASTCHESTER MIDDLE /

 $M \equiv M \wedge SI$

UNION FREE

PHASE 2

ARCHITECT

2 LYON PLACE

914.915.9519

WHITE PLAINS, NY 10601

MEMASIDESIGN.COM

LIGHTING CONSULTANT

629 FIFTH AVE, #204

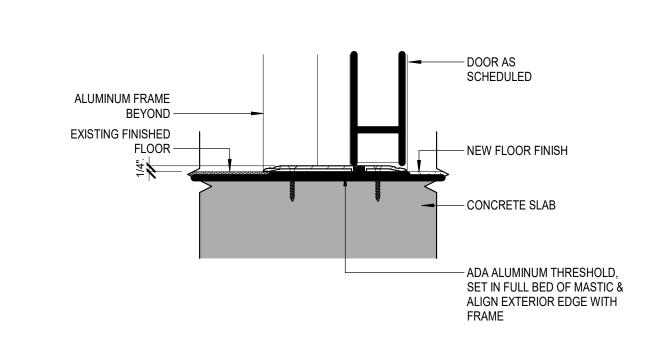
PELHAM, NY 10803

914.693.0221

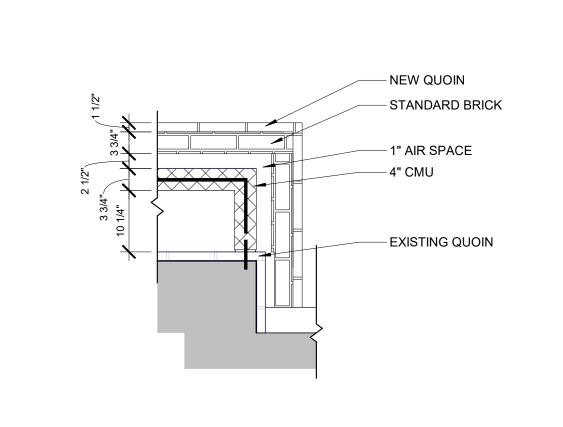
GOLDSTICK LIGHTING DESIGN

HIGH SCHOOL





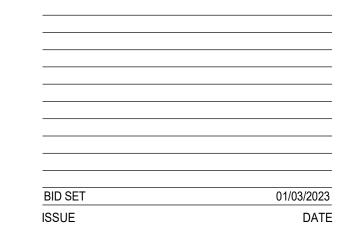


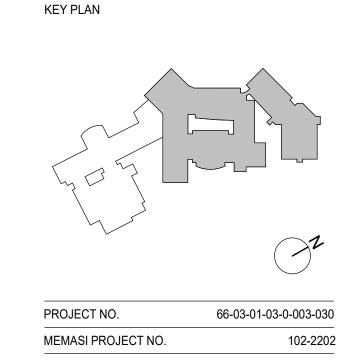


ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION

IT IS A VIOLATION OF NEW YORK STATE LAW FOR

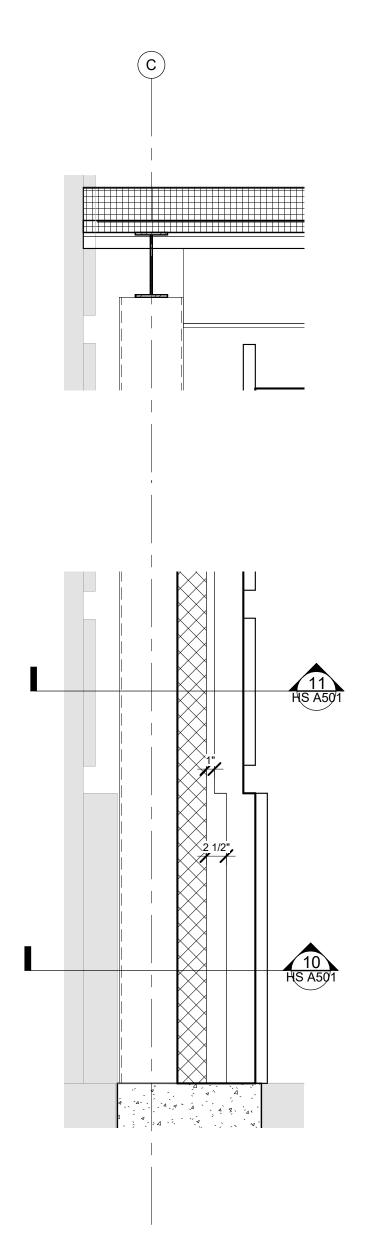
ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/ PROFESSIONAL





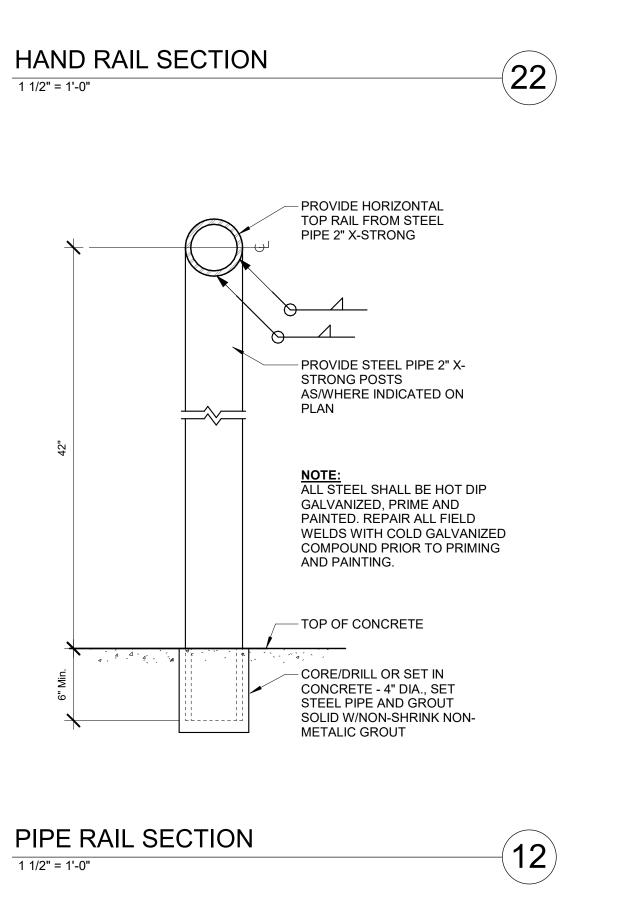
DETAILS

HS A501



COLUMN SECTION

1" = 1'-0"



SECTION

CAST-IN STAIR TREAD NOSING DETAILS 32

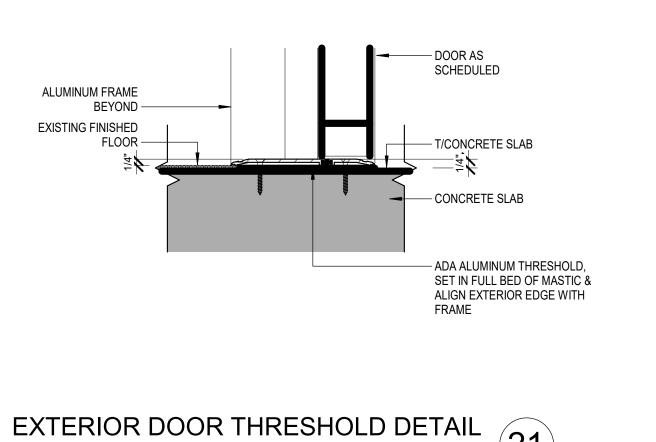
1 1/2" DIA. STAINLESS STEEL

WALL-MOUNTED STAINLESS STEEL

TYPICAL ----

HANDRAIL BRACKET,

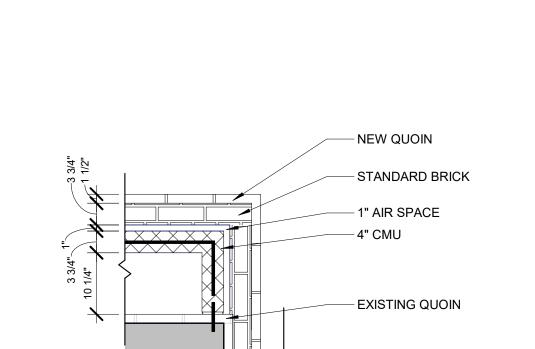
HANDRAIL, RETURN TO WALL, TYPICAL

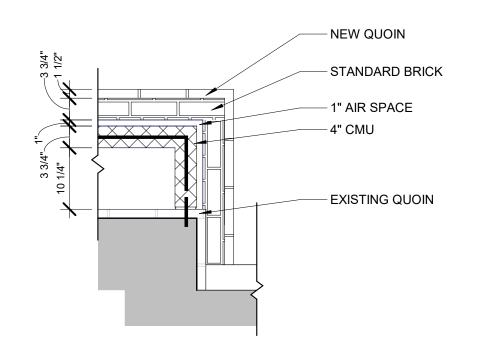


RIGHT SIDE RAILINGS

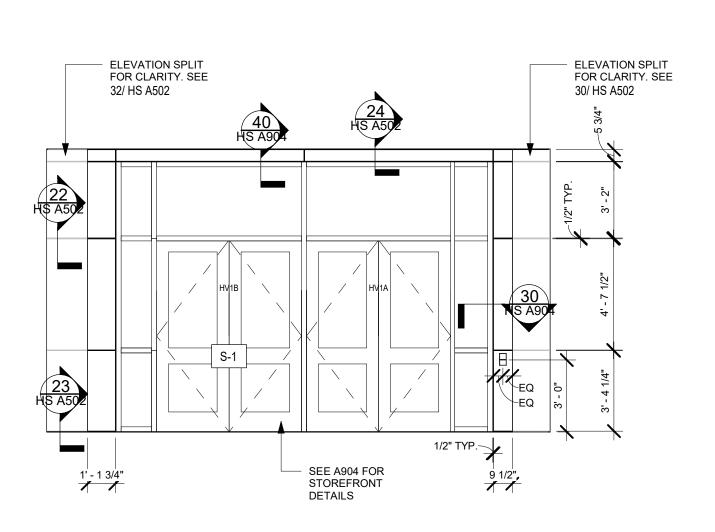
3/4" = 1'-0"

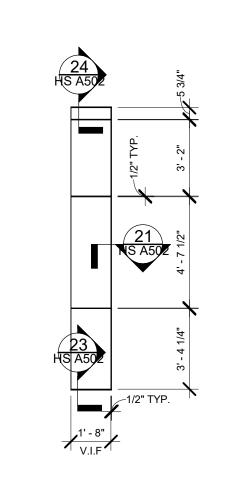
3" = 1'-0"





21 NS A502





EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

2 LYON PLACE WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD

MEMASIDESIGN.COM

914.915.9519

ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING

MASSAPEQUA PARK, NY 11762 MEP CONSULTANT STANTEC

1000 PARK BLVD., SUITE 209

30 OAK STREET, SUITE 400 STAMFORD, CT 06905

992 BEDFORD STREET BRIDGEWATER, MA 02324

PELHAM, NY 10803 914.693.0221

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

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

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01/03/2023

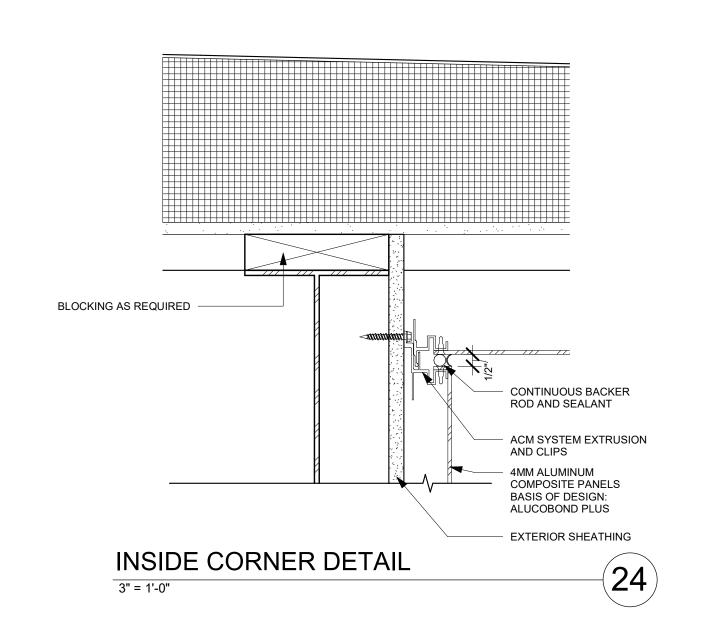
DATE

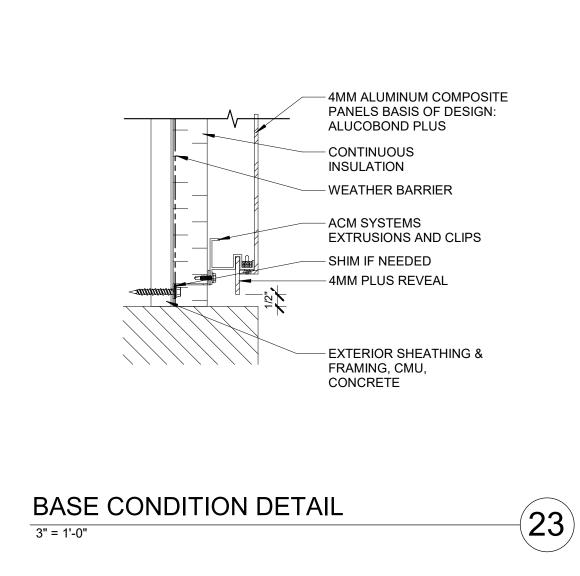
REGISTERED ARCHITECT/ PROFESSIONAL

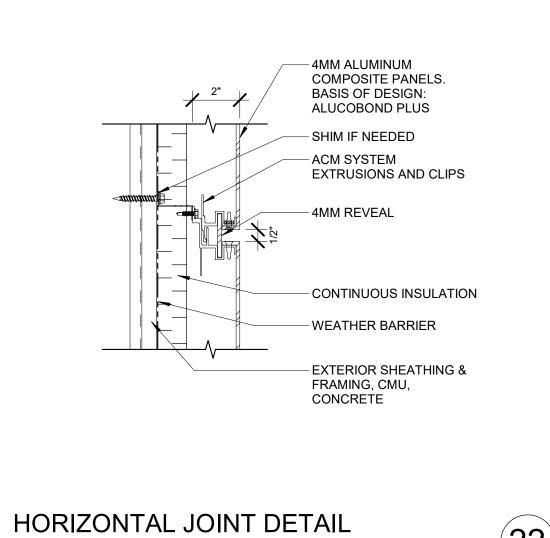
ACP DETAIL LEFT **32**) 1/4" = 1'-0"

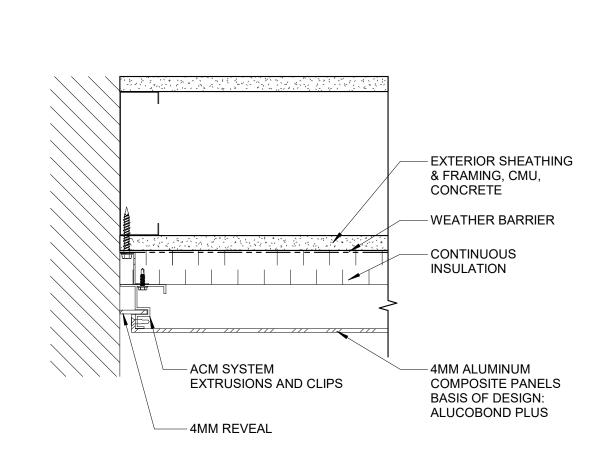




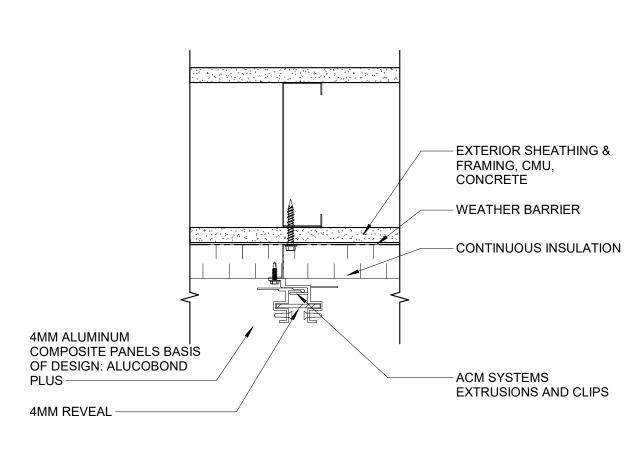


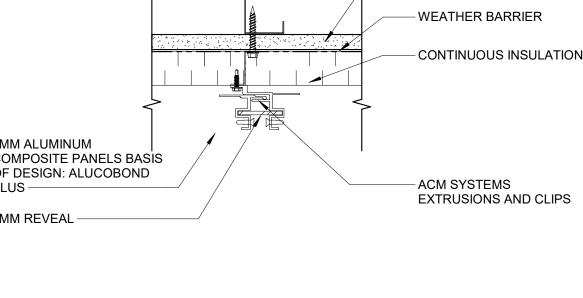




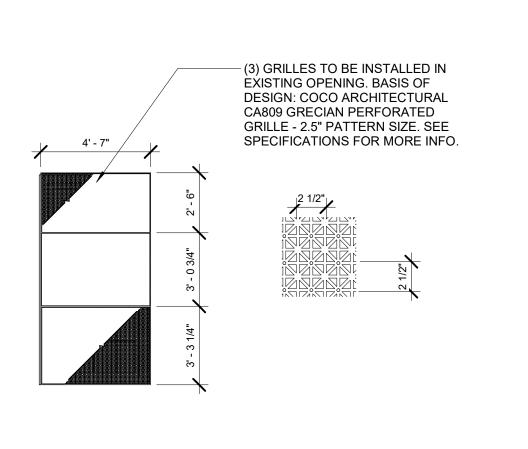


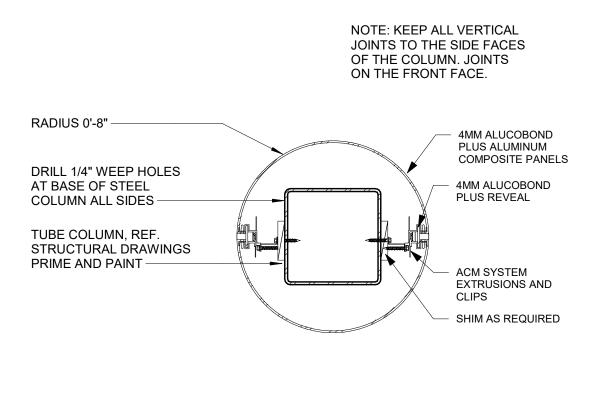
ENDWALL CONDITION DETAIL

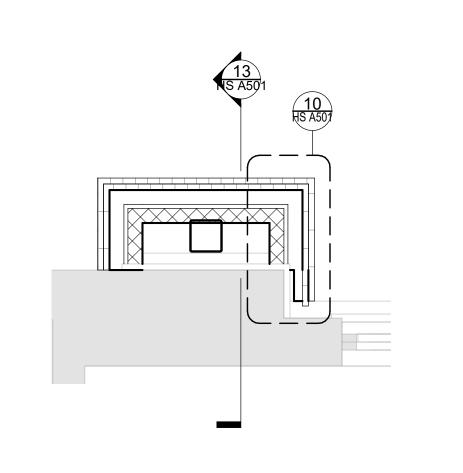


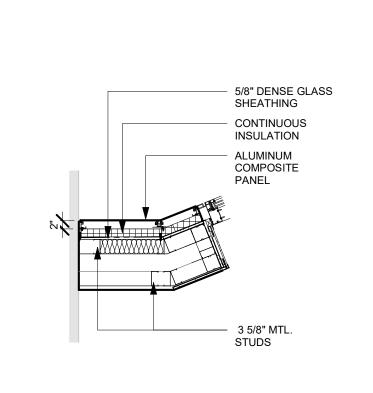


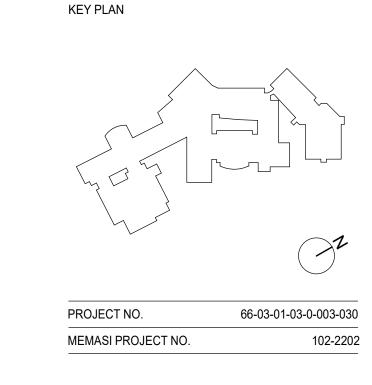












ALUMINUM COMPOSITE PANEL DETAILS

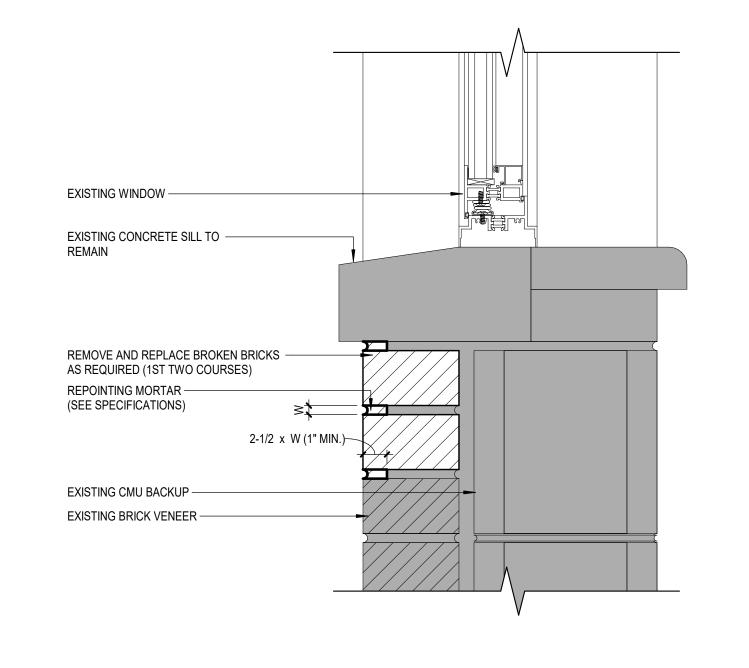
HS A502

ENLARGED PLAN @ COLUMN G-1

VESTIBULE GRILLE ELEVATION ENLARGED PLAN @ COLUMN A.1-3 **13** 1 1/2" = 1'-0"

3" = 1'-0"

ENLARGED PLAN @ PILASTER



SILL REPOINTING

3" = 1'-0"

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519

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SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD

ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING

MASSAPEQUA PARK, NY 11762 MEP CONSULTANT STANTEC

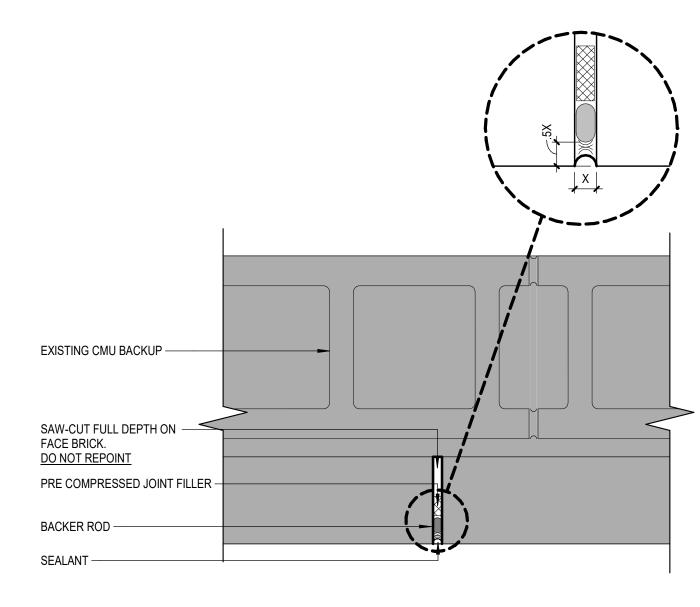
1000 PARK BLVD., SUITE 209

30 OAK STREET, SUITE 400 STAMFORD, CT 06905 SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT

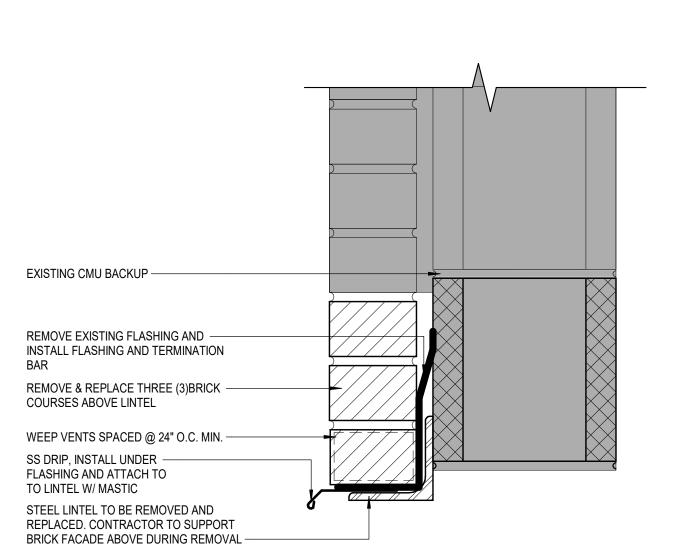
WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

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



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NOTES:

1. REMOVE EXISTING BRICKS OVER LINTEL
SUPPORT BRICK ABOVE OR REMOVE IN SECTIONS. 2. REMOVE EXISTING FLASHING. INSTALL NEW LINTEL TO MATCH EXISTING.
 INSTALL DRIP EDGE FLASHING. 5. INSTALL MEMBRANE FLASHING AND TERMINATION BAR WITH SEALANT 6. REBUILD BRICK. INSTALL VENEER ANCHORS AND CELL VENTS.

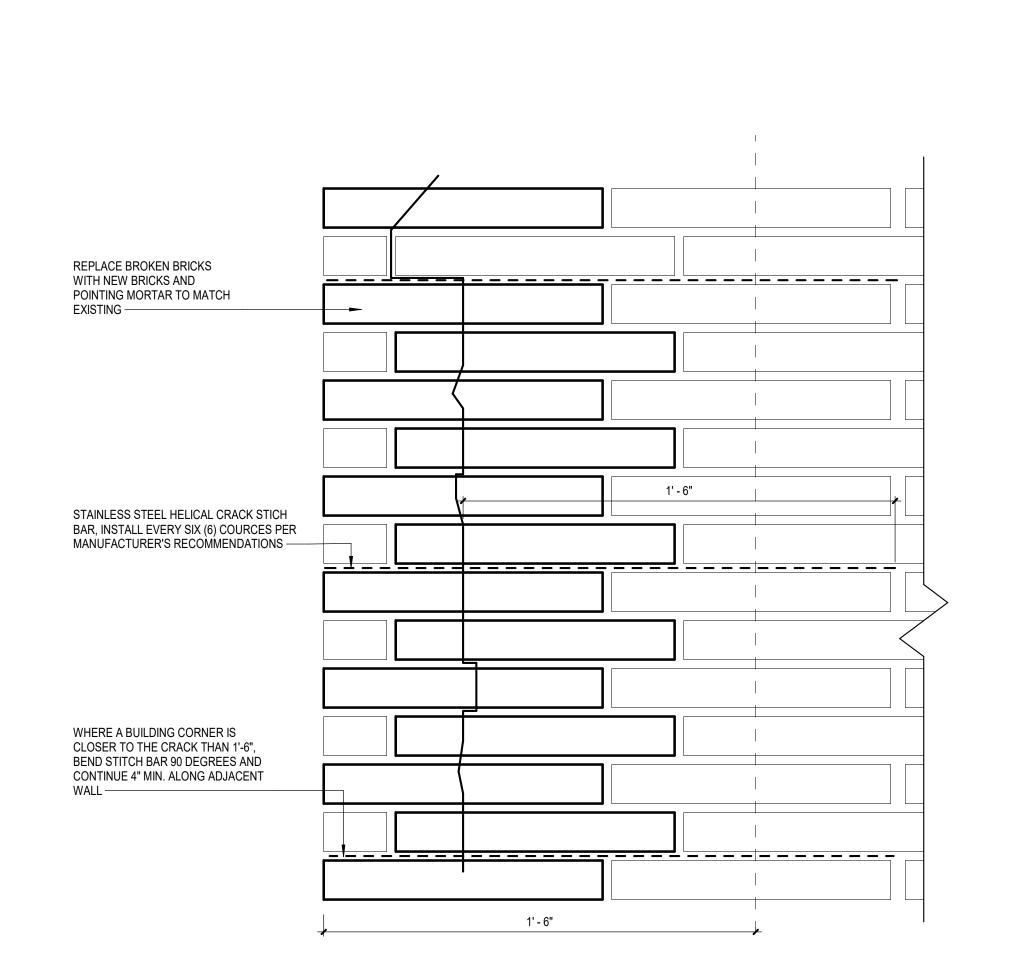
MASONRY **DETAILS**

MEMASI PROJECT NO.

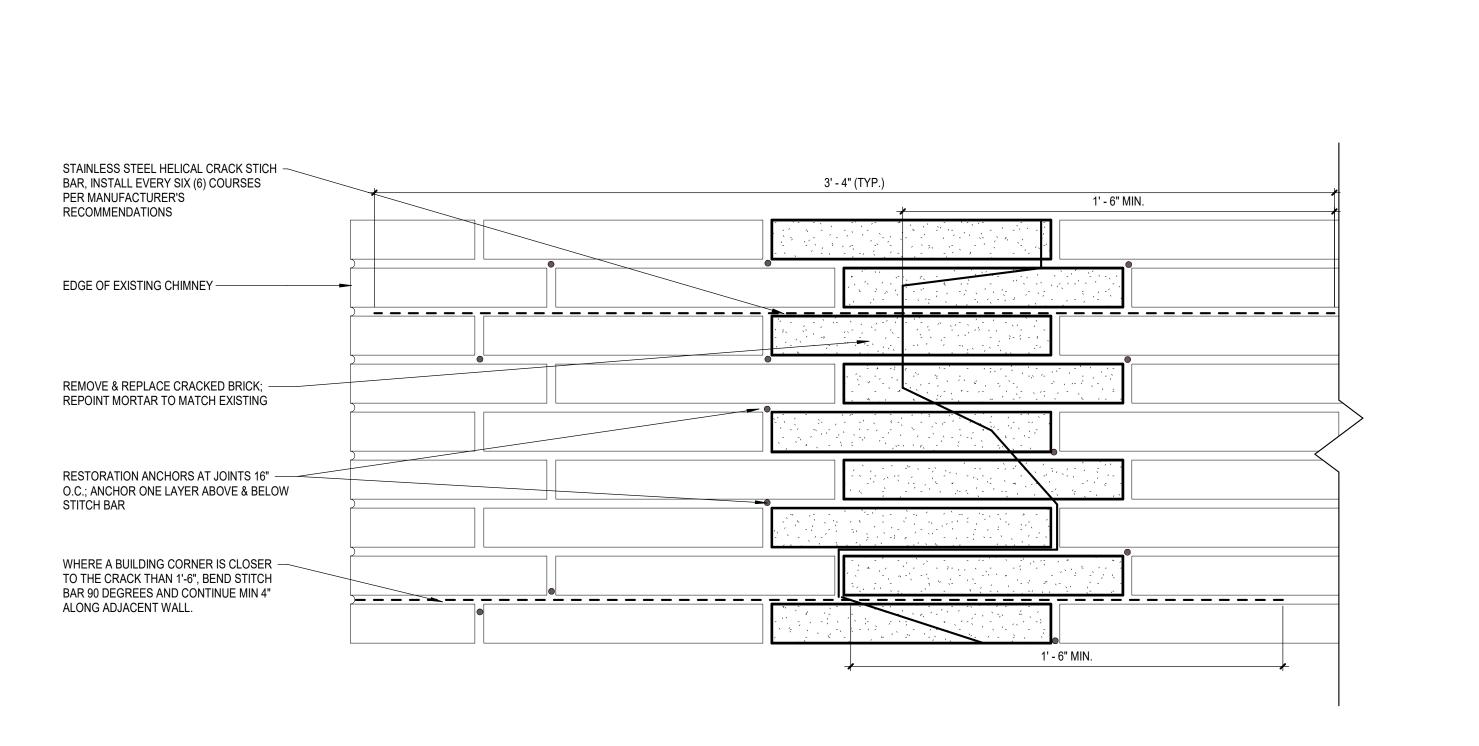
PROJECT NO.

KEY PLAN

HS A503



MASONRY REPAIR @ CORNER



1" MIN---

3" = 1'-0"

JOINT REPOINTING

REPOINTING MORTAR TO MATCH EXISTING ——

EXISTING BRICK VENEER -

EXISTING CMU BACKUP —

13

MASONRY CRACK REPAIR

EXISTING CMU —

EXISTING BRICK VENEER —

RESTORATION ANCHOR —

REPOINT OVER END OF ANCHOR —

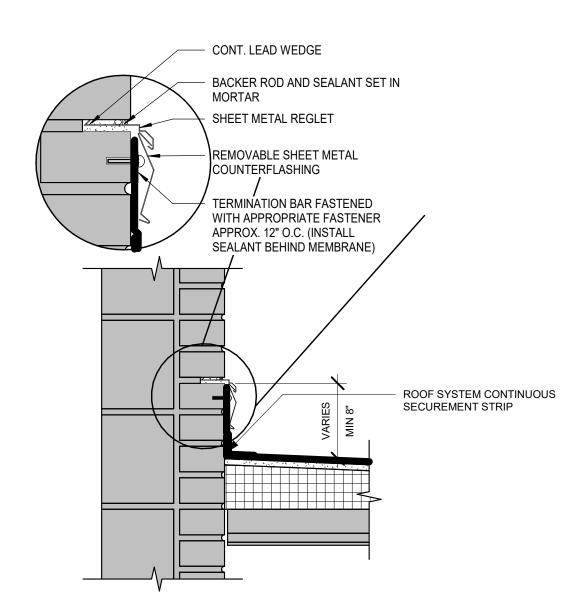
RESTORATION ANCHORS

LINTEL REPLACEMENT 3" = 1'-0"

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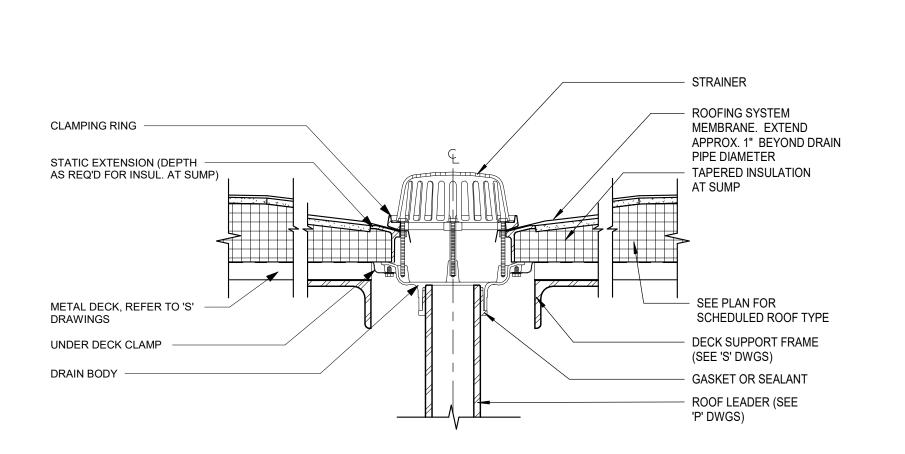
66-03-01-03-0-003-030

102-2202

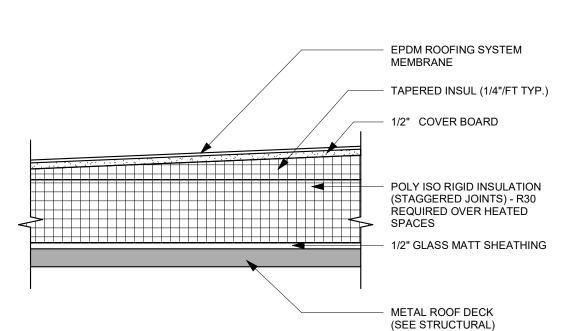


REGLET DETAIL 1 1/2" = 1'-0"

CONTINUOUS RING —



ROOF DRAIN DETAIL 1 1/2" = 1'-0"



MEMBRANE ROOFING DETAIL 1 1/2" = 1'-0"

TOP OF FINISH FLOOR

SS ANGLE -

ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION

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EASTCHESTER

EASTCHESTER MIDDLE /

 $M \equiv M \wedge SI$

SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

UNION FREE

PHASE 2

ARCHITECT

2 LYON PLACE

914.915.9519

WHITE PLAINS, NY 10601

MEMASIDESIGN.COM

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30 OAK STREET, SUITE 400 STAMFORD, CT 06905

SECURITY CONSULTANT

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NEW YORK, NY 10119

LIGHTING CONSULTANT

629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221

MEP CONSULTANT

STANTEC

WSP

REILLY TARANTINO ENGINEERING

BUILDING TECHNOLOGY CONSULTING

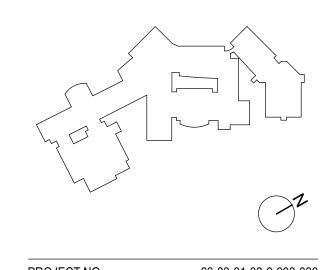
HAZARDOUS MATERIALS CONSULTANT

GOLDSTICK LIGHTING DESIGN

HIGH SCHOOL

01/03/2023 DATE

KEY PLAN

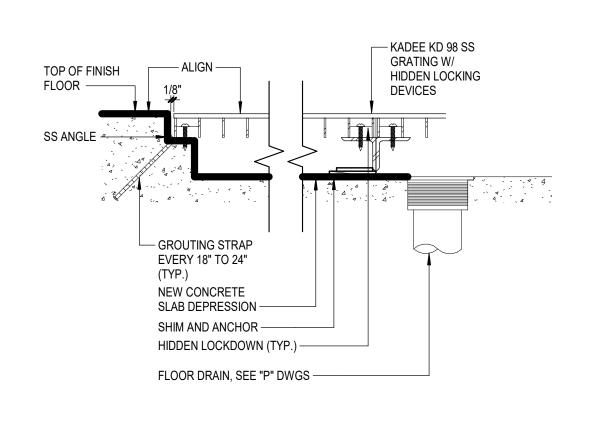


PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

GRATING AND COLUMN COVER **DETAILS**

HS A504

ALUMINIUM PLATE COLUMN COVER ----ALUMINIUM PLATE COLUMN COVER ---CONTINUOUS RING — FINISHED FLOOR —



SECTION B SS GRATING DETAIL

COLUMN COVER HEAD AND SILL DETAIL 12

SECTION A SS GRATING DETAIL

— GROUTING STRAP | EVERY 18" TO 24" (TYP.)

NEW CONCRETE SLAB DEPRESSION —

SHIM AND ANCHOR —

FLOOR DRAIN, SEE "P" DWGS —

(11)

COLUMN COVER VERTICAL JOINT DETAIL **13**

- CONTINUOUS RING

---- KEYHOLE SLOT

STRUCTURE ----

CLIP ANGLES —

ALUMINUM PLATE COLUMN COVER —

BUTT JOINT —

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— HIDDEN

DEVICES

LOCKDOWN (TYP.)

PARTITION NOTES

— PARTITION TYPE NUMBER

STC RATING FIRE RATING SIDE ONE FINISH TEST DESIGN SIDE TWO FINISH

GENERAL PARTITION NOTES

THIS PARTITION TYPE SCHEDULE IS GENERIC IN NATURE. NOT ALL OF THE PARTITION TYPES ILLUSTRATED ON THIS SHEET HAVE BEEN UTILIZED IN THIS PROJECT. SEE FLOOR PLANS FOR LOCATIONS OF PARTITION TYPES

ALL INTERIOR PARTITIONS INDICATED ON THE FLOOR PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY PARTITION SHOWN ON THE FLOOR PLANS WITHOUT A PARTITION TAG. THE ARCHITECT WILL DETERMINE THE PARTITION TYPE TO BE USED AT SUCH LOCATIONS.

FIRE RATED SYSTEMS

PROVIDE FIRE RATED JOINT SYSTEMS AT ALL INTERSECTIONS OF FIRE RATED PARTITION ASSEMBLIES AND FIRE RATED FLOOR/ROOF ASSEMBLIES. THE RATED JOINT SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE PARTITION IN WHICH IT IS BEING USED. THIS JOINT SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A

NATIONALLY RECOGNIZED TESTING AGENCY. PROVIDE THROUGH-PENETRATION FIRE STOP SYSTEM AT ALL PENETRATIONS THROUGH FIRE RATED PARTITION, FLOOR AND ROOF ASSEMBLIES. THE THROUGH-PENETRATION FIRE STOP SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE ASSEMBLY THAT IT IS BEING USED IN. THIS FIRE STOP SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING

ANY PRODUCT THAT EMITS ODOR MUST MEET THE REQUIREMENTS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL. OR FIRE-STOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY, OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION.

ALL PARTITION TYPE DIAGRAMS ARE GRAPHICAL IN NATURE. IN THE CASE WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE-RATED PARTITION, THE PARTITION TYPE DESCRIPTION GOVERNS.

CMU WALL SYSTEMS

ALL PLAN DIMENSIONS ARE TO FACE OF CMU, UNLESS

PROVIDE HORIZONTAL JOINT REINFORCEMENT EVERY OTHER CMU COURSE. PROVIDE (2) VERTICAL #4 BARS IN FULLY GROUTED CORES AT THE FOLLOWING LOCATIONS:

A) PARTITION INTERSECTIONS (REINFORCE FULL HEIGHT) B) DOOR OPENINGS (REINFORCE FULL HEIGHT OFDOOR) C) WINDOW OPENINGS (REINFORCE FLOOR TO WINDOW HEAD) D) WALL ENDS (REINFORCE FULL HEIGHT) SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REINFORCING AND ANCHORING

REQUIREMENTS. PROVIDE BULLNOSE MASONRY UNITS ON ALL OUTSIDE CORNERS OF WALLS UNLESS NOTED OTHERWISE.

ALL DIMENSIONS ARE TO THE FACE OF GWB UNLESS NOTED OTHERWISE. PROVIDE METAL BRACING AT THIRD POINTS AT THE INTERIOR OF METAL STUD CHASE PARTITIONS. BRACING SHALL NOT EXCEED 48" OC. PROVIDE METAL L.C. BEAD, BACKER ROD AND SEALANT AT THE INTERSECTION OF GYP BD PARTITIONS AND MASONRY PARTITIONS.

GYPSUM BOARD SCHEDULE

RESISTANT GYPSUM BOARD

PROVIDE ACOUSTICAL SEALANT IN THE FOLLOWING LOCATIONS: A) PERIMETER OF PARTITIONS

B) RUNNERS C) ELECTRICAL OUTLETS

METAL STUD PARTITION AND CEILING SYSTEMS

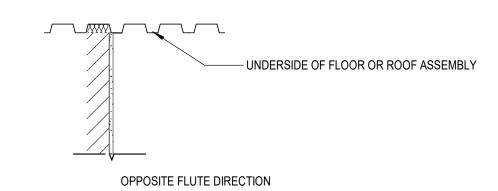
D) PARTITION PENETRATIONS AND OPENINGS PROVIDE BLOCKING WITHIN PARTITIONS TO SUPPORT PARTITION MOUNTED EQUIPMENT, FIXTURES AND ACCESSORIES. COORDINATE WITH CABINETRY DETAILS AND MEP DRAWINGS.

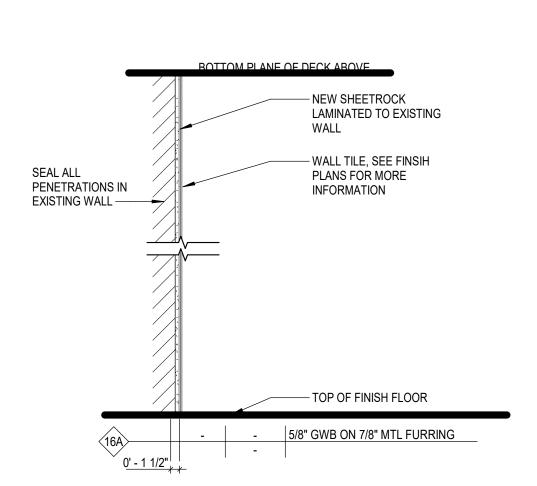
ALL INTERIOR METAL STUDS AND METAL FURRING AT PARTITIONS ARE 20 GAUGE UNLESS OTHERWISE NOTED. ALL INTERIOR METAL STUDS AND FURRING FOR CEILING SOFFITS ARE 25 GAUGE UNLESS NOTED OTHERWISE ANCHOR INSULATION TO STUD SYSTEM WITH WIRE SUPPORT SYSTEM IF INSULATION IS NOT SUPPORTED ON BOTH SIDES BY GYPSUM BOARD. WHERE DOUBLE STUD PARTITIONS ARE USED TO FORM CHASE PARTITIONS ONLY PROVIDE SOUND ATTENUATION BLANKETS ON ONE SIDE OF CHASE

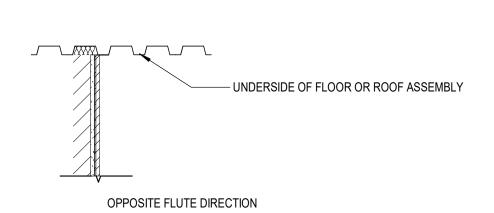
- 5/8" TYPE "X" GYPSUM BOARD UNLESS NOTED OTHERWISE. - CORRIDOR AND STUDENT OCCUPIED SPACES FROM FLOOR TO 8'-0" ABOVE FINISHED FLOOR: 5/8" TYPE "X" ABUSE RESISTANT GYPSUM BOARD -SUSPENDED GYPSUM BOARD CEILINGS: 5/8" TYPE "X" SAG RESISTANT GYPSUM BOARD -EXTERIOR CEILINGS AND SOFFITS: 5/8" GLASS-MAT GYPSUM SHEATHING -PARTITIONS TO RECEIVE TILE FINISH: 5/8" TYPE "X"GLASS-MAT WATER RESISTANT BACKING BOARD - TOILET ROOMS, KITCHENS & JANITOR CLOSETS: PARTITIONS & CEILINGS THAT DO NOT RECEIVE TILE SHALL RECEIVE 5/8" TYPE "X" MOISTURE & MOLD

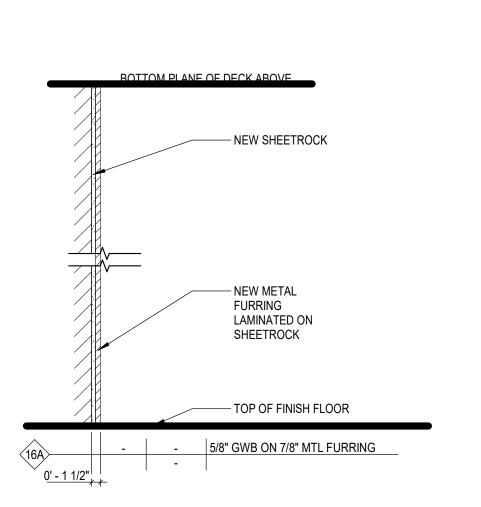
MAXIMUM SPACING - GYPSUM BOARD CONTROL JOINTS

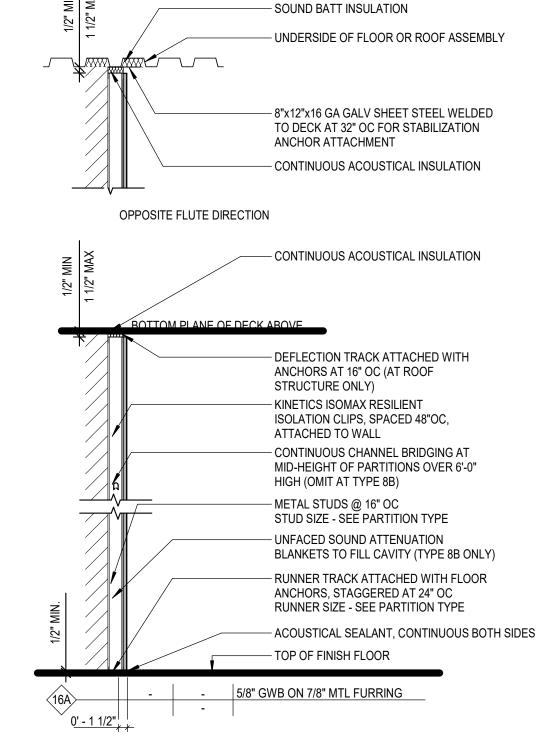
ANIMUM SPACING - C	31 POUN BOAK	D CONTROL JOIN
NSTRUCTION AND	MAX SINGLE DIMENSION	MAX SINGLE AREA
CATION	FEET	FEET
RTITION - INTERIOR	30	-
ILING - INTERIOR		
PERIMETER RELIEF	50	2500
O PERIMETER RELIEF	30	900

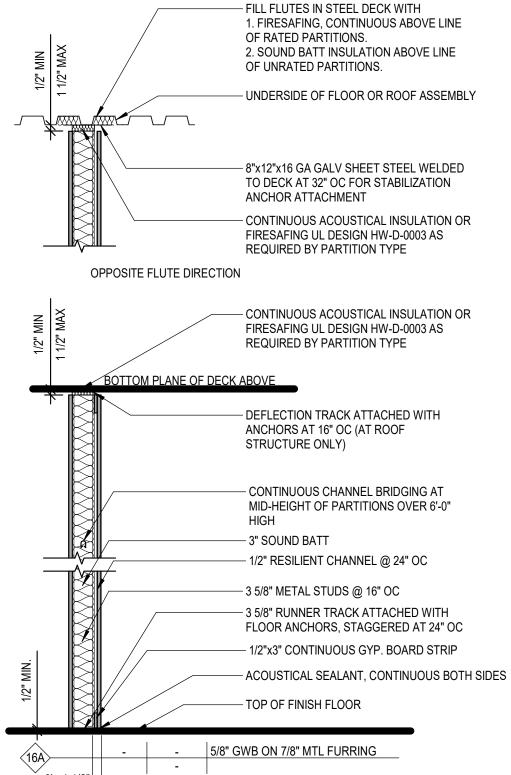


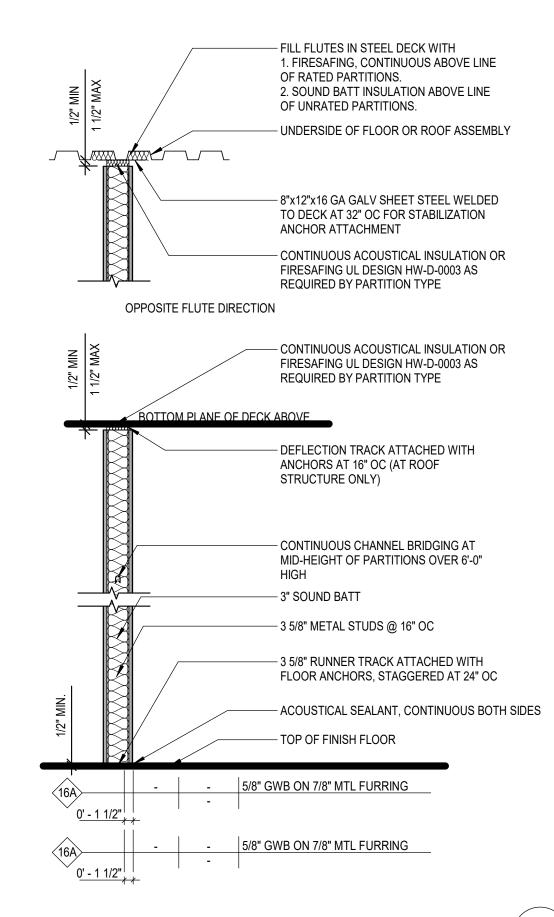












EASTCHESTER **UNION FREE** SCHOOL DISTRICT 2022 CAPITAL BOND PROJECT

PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$ 2 LYON PLACE

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179 GRAHAM ROAD

WHITE PLAINS, NY 10601

914.915.9519

ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209

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

MASSAPEQUA PARK, NY 11762

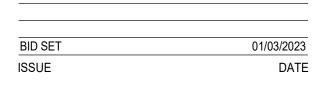
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

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

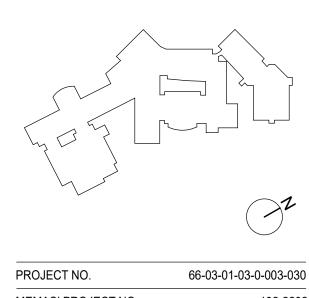
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KEY PLAN



MEMASI PROJECT NO. 102-2202

PARTITION TYPES

HS A701

PARTITION TYPES

3/4" = 1'-0"

KEY 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 PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED UNLESS OTHERWISE

NEW ACT CEILING TO BE INSTALLED WHERE ASBESTOS-CONTAINING PLASTER CEILING IS BEING REMOVED



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

> 914.915.9519 MEMASIDESIGN.COM SITE - CIVIL CONSULTANT

THE LA GROUP

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1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762 MEP CONSULTANT

STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

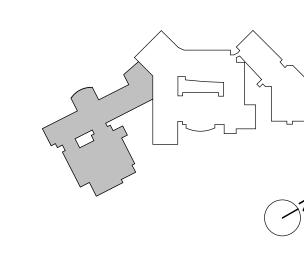
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KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

> REFLECTED CEILING PLAN -FIRST FLOOR

MS A801

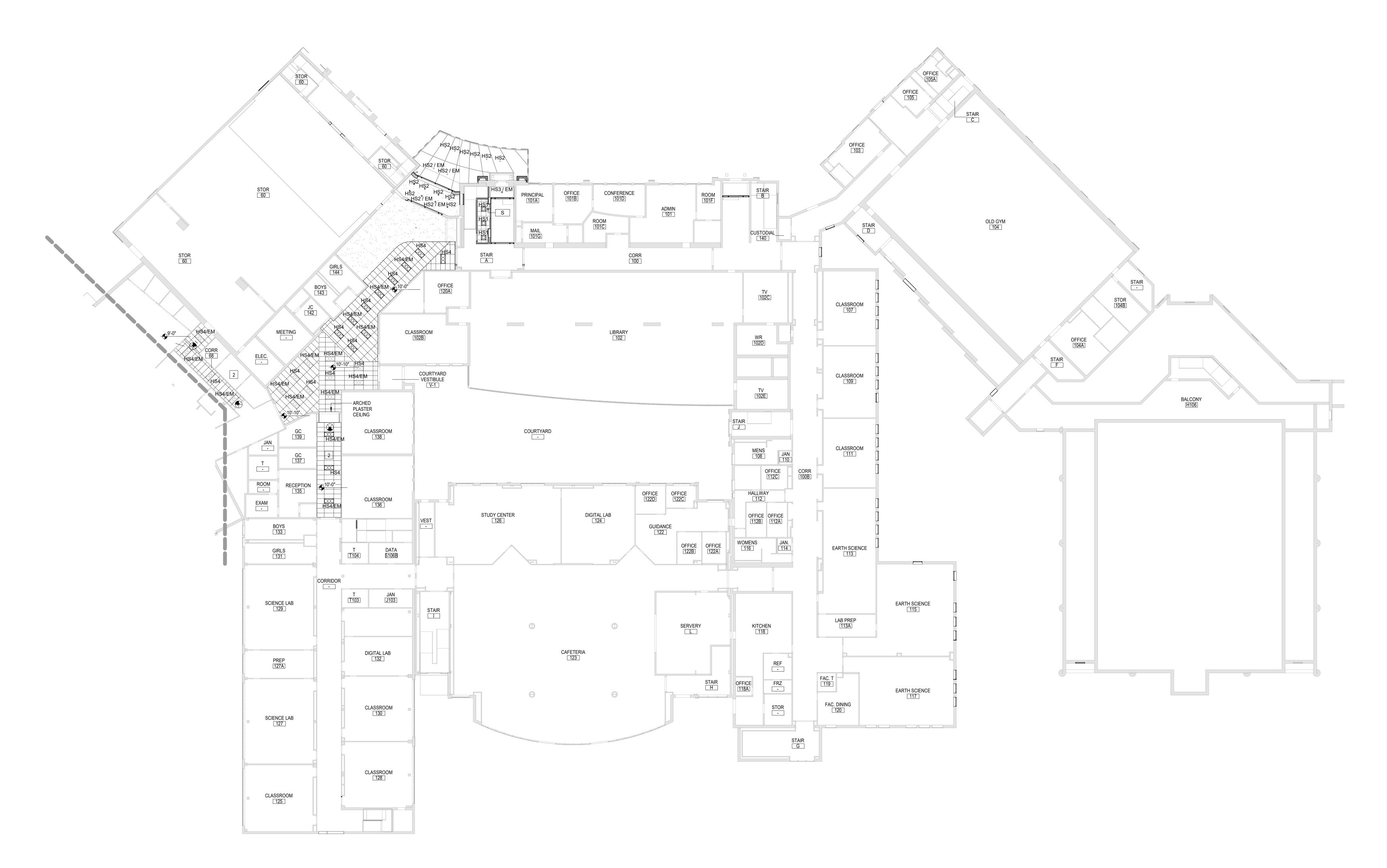
PROCEEDING.

KEY NOTES

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NEW ACT CEILING TO BE INSTALLED WHERE ASBESTOS-CONTAINING PLASTER CEILING IS BEING REMOVED



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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STAMFORD, CT 06905 SECURITY CONSULTANT

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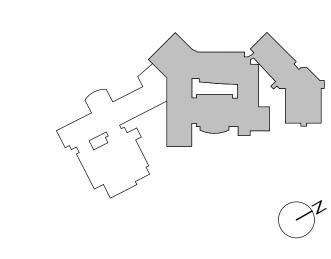
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01/03/2023

KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

> REFLECTED **CEILING PLAN-**FIRST FLOOR PLAN

HS A801

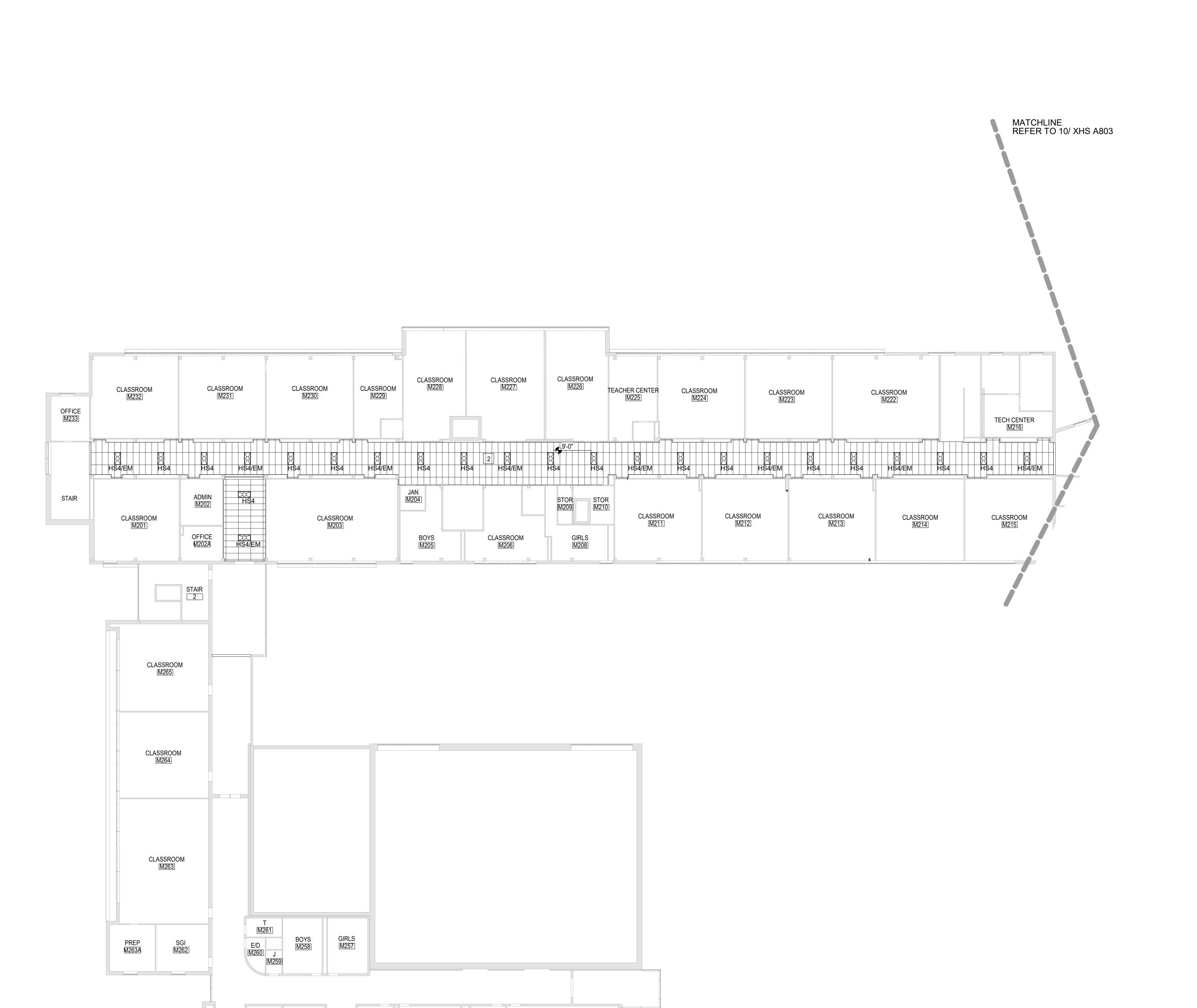
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NEW ACT CEILING TO BE INSTALLED WHERE

ASBESTOS-CONTAINING PLASTER CEILING IS BEING REMOVED



CLASSROOM M251

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$ 2 LYON PLACE

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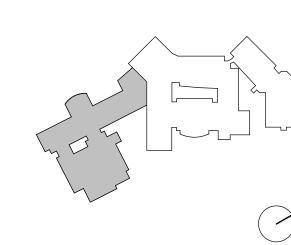
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KEY PLAN

SEAL



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

> REFLECTED **CEILING PLAN-**SECOND FLOOR

MS A802

CLASSROOM <u>M255</u>

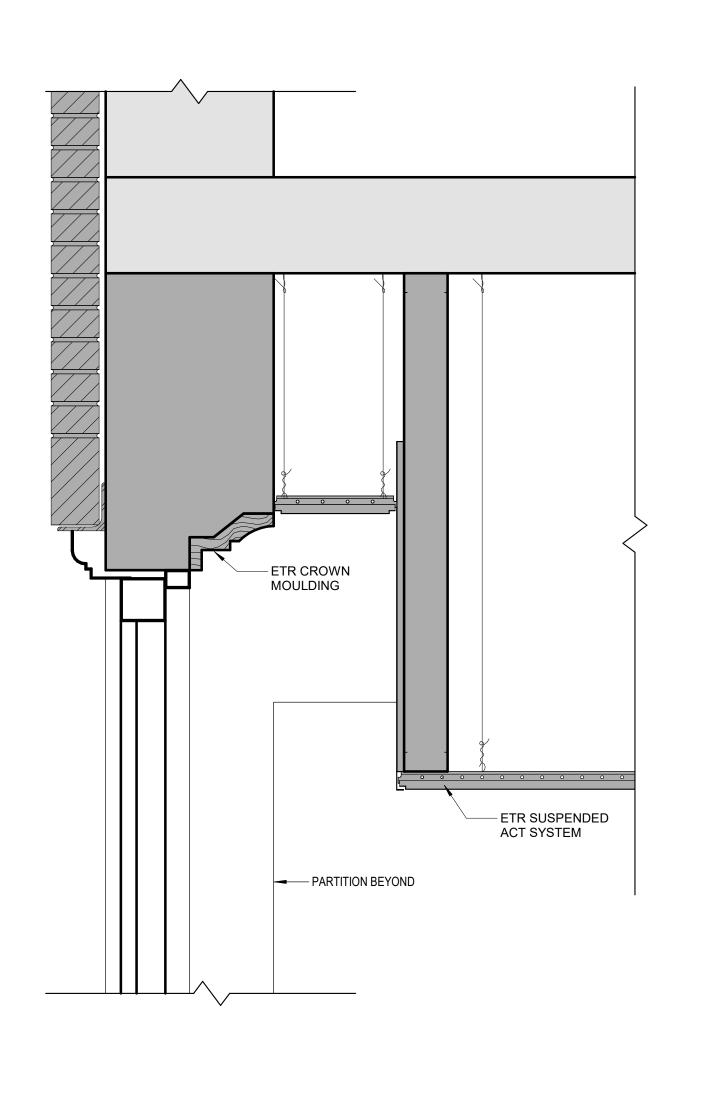
CLASSROOM CLASSROOM M254 M253

CLASSROOM M256

A. DO NOT SCALE THE DRAWINGS, NOTIFY ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING

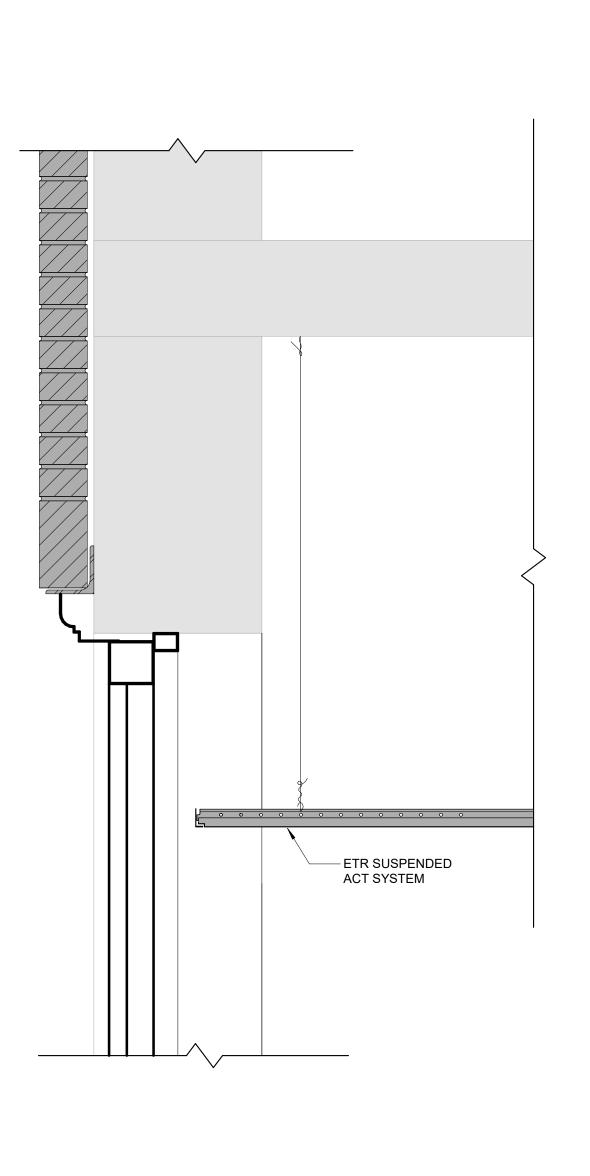
KEY NOTES

- REPAIR PLASTER AS A RESULT OF REMOVALS AND NEW WORK. WHERE WINDOWS ARE BEING REMOVED OR REPLACED. RESURFACE THE ENTIRE LENGTH OF THE PLASTER WALL, ENTIRE WINDOW OPENING AND SURROUND WITH A 1/8" TWO-COAT VENEER. BASIS OF DESIGN IS USG DIAMOND VENEER BASECOAT AND VENEER FINISH. INSTALLATION SHALL MEET THE REQUIREMENTS OF USG-SA920 "PLASTER SYSTEMS", "DIAMOND BRAND VENEER FINISH SYSTEMS"
- C. WHERE WINDOWS ARE BEING REMOVED OR REPLACED, PAINT THE ENTIRE LENGTH OF THE WALL, ENTIRE WINDOW AND SURROUND, CONDUIT AND PIPINING TO MATCH ADJACENT WALLS
- D. ALL WOOD MOULDING, AT LOCATIONS WHERE WINDOWS ARE BEING REPLACED, SHALL BE SANDED DOWN TO WOOD, PREP FOR PAINT. COLOR TO BE SELECTED BY ARCHITECT



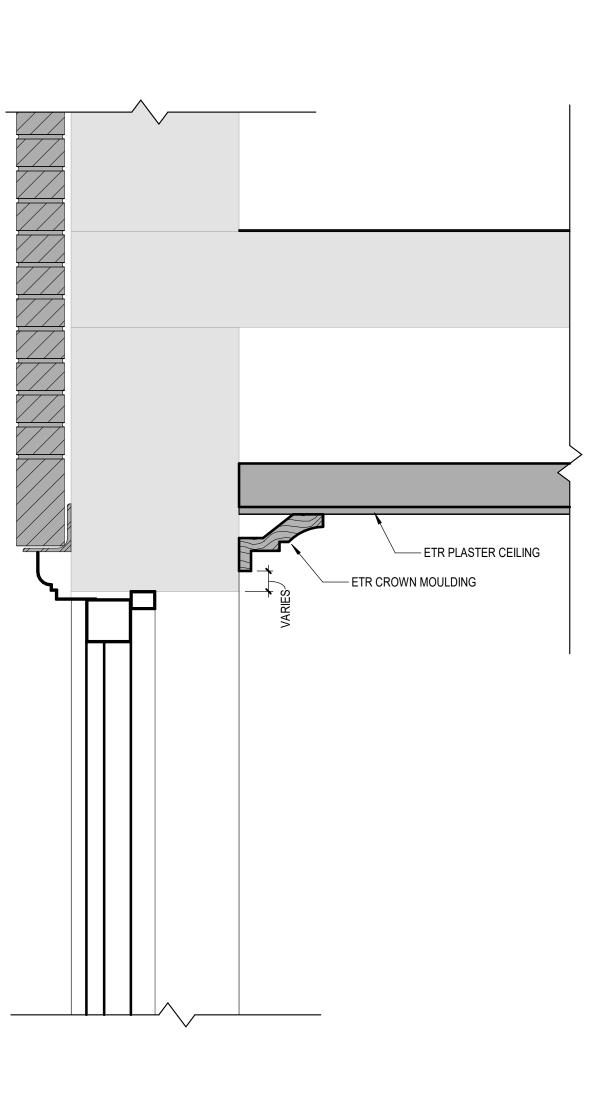
SOFFIT DETAIL

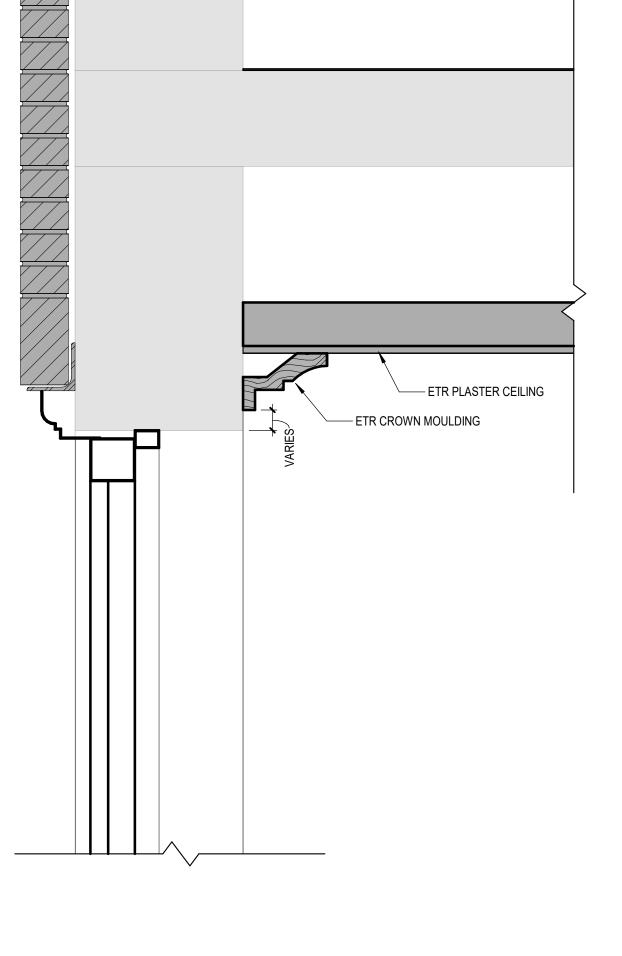
1 1/2" = 1'-0"



SOFFIT DETAIL

1 1/2" = 1'-0"







- 3 5/8" METAL STUD FRAMING

AFF HT AS INDICATED ON PLANS

AFF HT AS INDICATED ON PLANS

@ 16" OC, EXTEND TO STRUCTURE ABOVE

- 5/8" GYPSUM BOARD

— ACT AS SCHEDULED

PERIMETER SUPPORT ANGLE (TYP)

CORNER BEAD, TYP

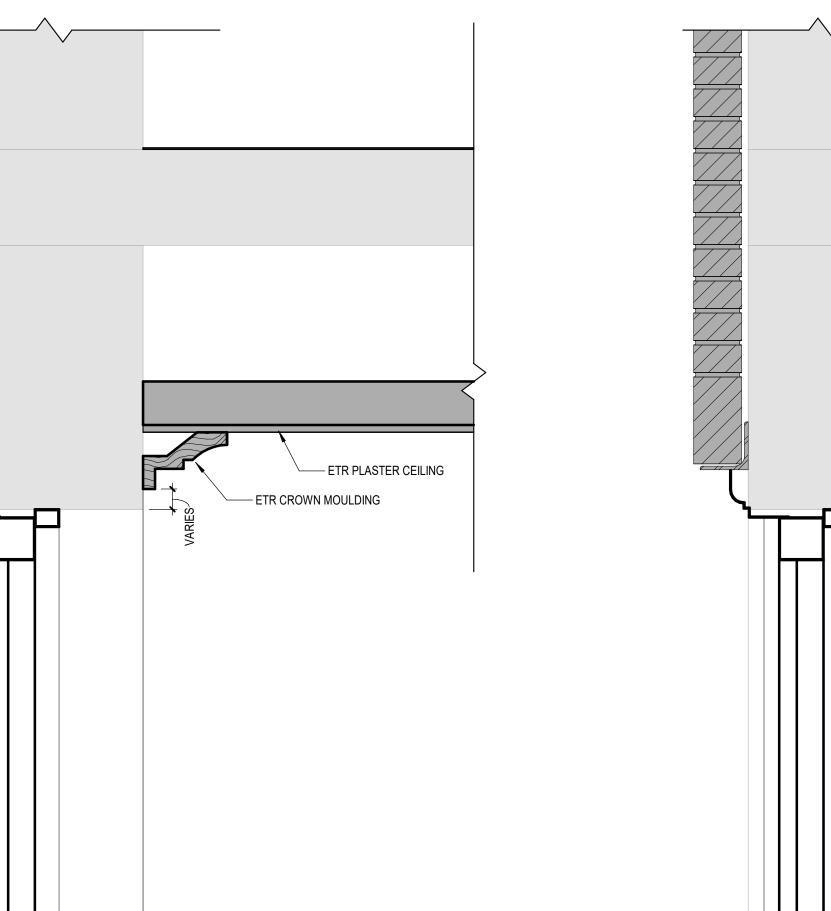
- WALL AS SCHEDULED

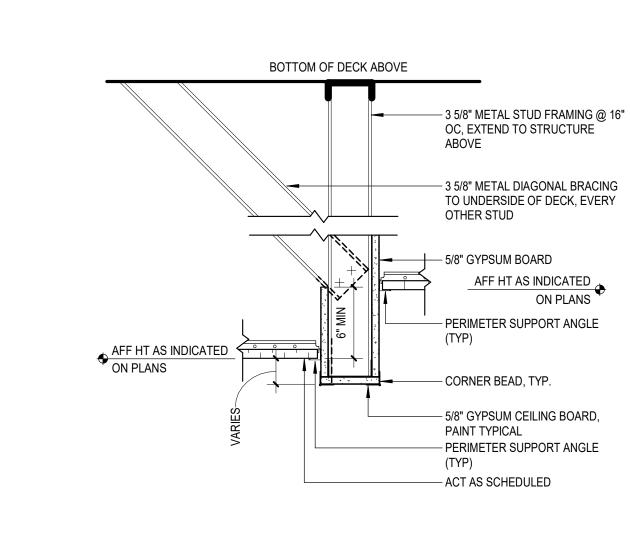
- HANGER WIRE

BOTTOM OF DECK ABOVE

AS INDICATED ON PLANS

3 5/8" METAL DIAGONAL BRACING EVERY OTHER STUD





SOFFIT DETAIL

1 1/2" = 1'-0"

ETR PLASTER CEILING



PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519

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

BRIDGEWATER, MA 02324

MASSAPEQUA PARK, NY 11762

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

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

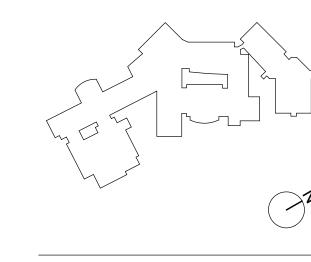
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PELHAM, NY 10803 914.693.0221

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01/03/2023

KEY PLAN



66-03-01-03-0-003-030 PROJECT NO. MEMASI PROJECT NO. 102-2202

> CEILING **DETAILS**

HSMS A810

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SOFFIT DETAIL 11 SOFFIT DETAIL 1 1/2" = 1'-0" 1 1/2" = 1'-0"

PAINTED. WHEN ANY WORK IS PREFORMED ON PORTION OF AN EXISTING WALL THE ENTIRE WALL SURFACE IS TO BE PAINTED, UNLESS OTHERWISE NOTED.

B. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE

RESOLUTION BEFORE PROCEEDING.

- C. 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
- D. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS, ACTUAL CEILING HEIGHTS TO BE VERIFIED IN THE FIELD.
- E. 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.
- G. LIGHT FIXTURES, DIFFUSERS, AND REGISTERS ARE SHOWN FOR COORDINATION PURPOSES. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION

CEILING LEGEND

GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM

SPECIALTY ACOUSTICAL CEILING PANEL

+X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR

ADDITIONAL INFORMATION. 2'x4' LIGHT FIXTURE

2'x2' LIGHT FIXTURE

1'x LIGHT FIXTURE PENDANT LIGHT FIXTURE

RECESSED DOWN LIGHT CEILING MOUNTED EXIT SIGN

OS CEILING MOUNTED OCCUPANCY SENSOR

CEILING MOUNTED SMOKE DETECTOR

CEILING MOUNTED HEAT DETECTOR CEILING MOUNTED PA SPEAKER

CEILING MOUNTED SECURITY J-BOX

MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

HVAC SUPPLY GRILLE

HVAC SUPPLY GRILLE HVAC RETURN GRILLE

HVAC CEILING CASSETTE

LINEAR DIFFUSER

TAPERED ROOF INSULATION W/ COVER BOARD

COVER SHEET -

COVER BOARD ----

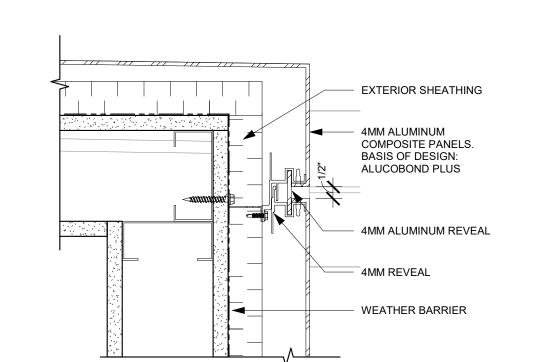
1 1/2" STL. DECK —

W 18X76 SEE STRUCTURAL DRAWINGS

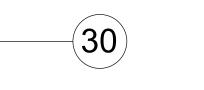
CANOPY DETAIL

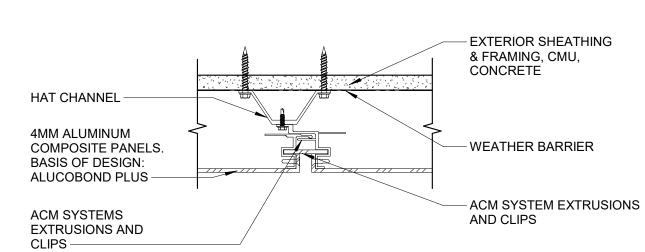
3" = 1'-0"

1" PERLITE BOARD — 🔫









- WEATHER BARRIER

& FRAMING, CMU,

-4MM ALUMINUM

COMPOSITE PANELS. BASIS OF DESIGN: ALUCOBOND PLUS

CONCRETE

2X4 PT BOCKING

- CURVED W 10X15 SEE STRUCTURAL

−(2) I/2" FIRE RETARDANT PLYWOOD SHEET

DRAWINGS

- BLOCKING AS REQUIRED

-6x2 PT BLOCKING

— 4 MM COMPOSITE METAL PANELS

COMPOSITE CEILING

GALV. MTL. FRAMING IN BETWEEN STRUCTURAL STL. TO SUPPORT MTL.

(12)

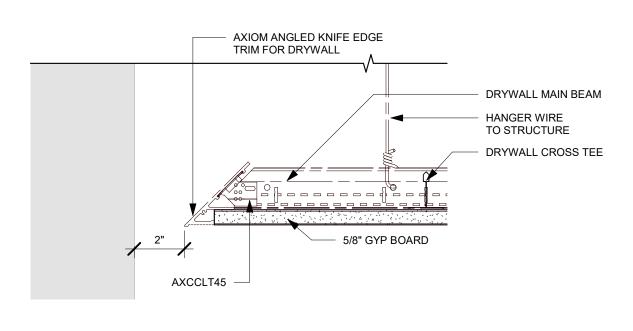
ACM SYSTEMS EXTRUSIONS AND

SOFFIT END WALL CONDITION

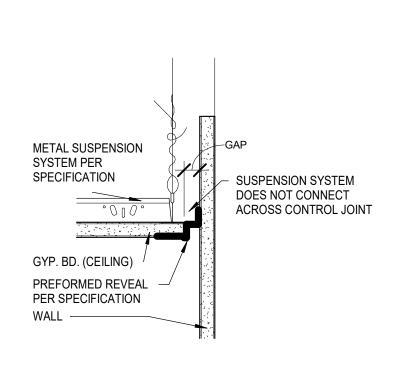
CLIPS —

EXTERIOR SHEATHING



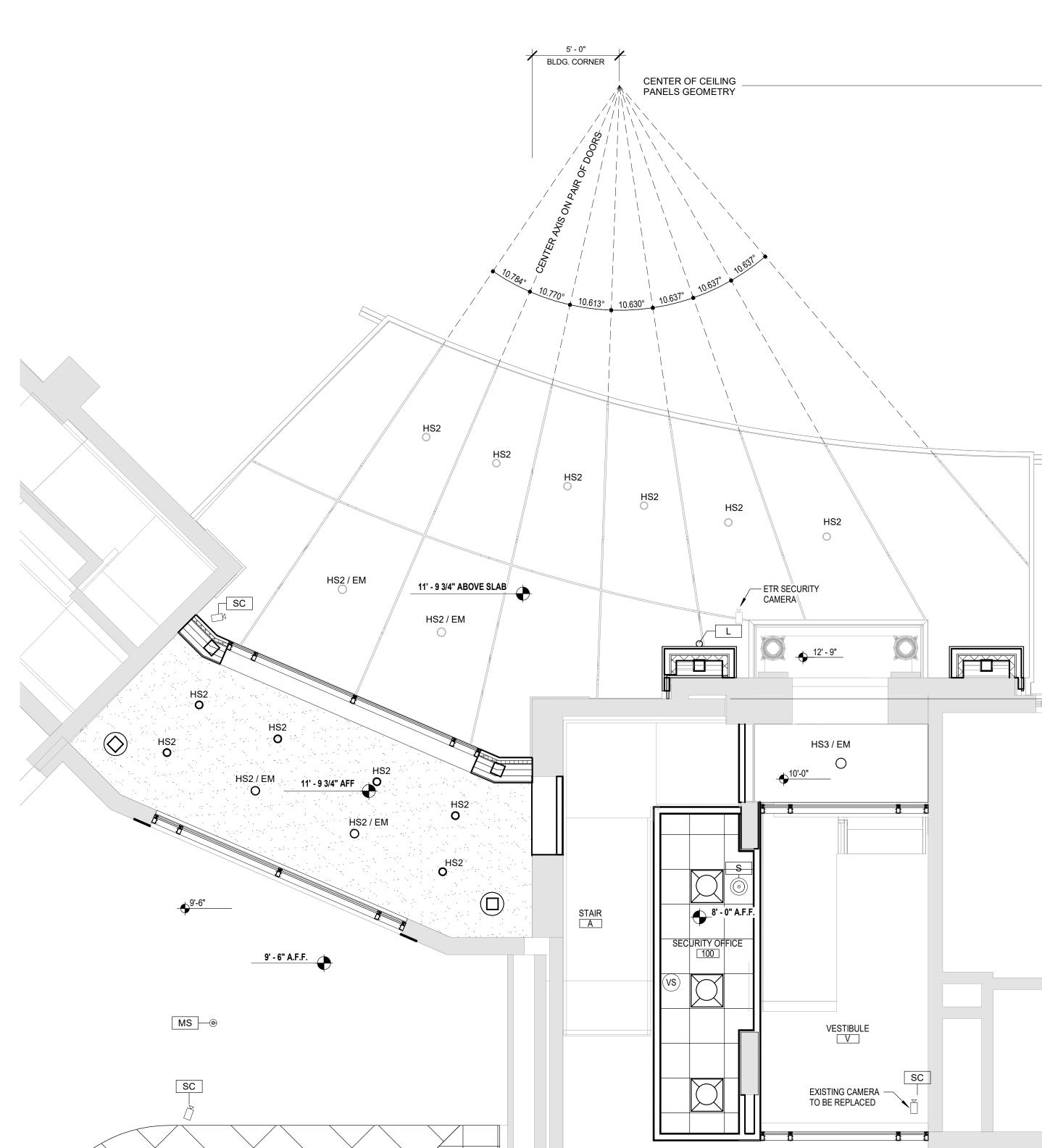












EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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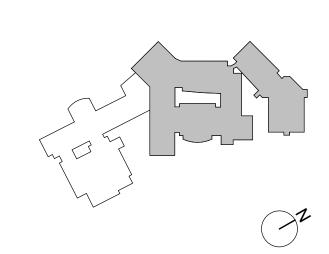
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SEAL

KEY PLAN

DID OFT	0.4 (0.0 (0.0 0
BID SET	01/03/202
ISSUE	DAT



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

ENLARGED REFLECTED CEILING (ENTRY) AND DETAILS

HS A811

- A. DOORS THAT HAVE A FIRE RATING SHALL HAVE CORRESPONDING RATED FRAMES.
- B. AT ALL INTERSECTIONS OF DISSIMILAR FLOORING MATERIALS, PROVIDE APPROPRIATE TRANSITION
- C. AT METAL JAMB STUDS ALONG EACH SIDE OF DOOR OPENINGS, PROVIDE METAL STUD BRACING TO STRUCTURE ABOVE. BRACE'S SHALL BE 3 5/8"X20 GA
- 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 UL MAKRING, 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. THE GC WILL COORDINATE INSTALLATIONS WITH EC SO THAT WIRE ROUGHING CAN BE DONE AT THE APPROPRIATE TIME.
- 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.

X-1 VISION GLASS

- X-2 SPANDREL GLASS
- X-3 SECURITY GLASS (SHOOTER ATTACK CERTIFIED)
- 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)

			DOOR						DOOR							FRAME					_	7	
OOR NUMBER						Î										AIL	AIL	1			OPEN	CONTROL	
W	≽							_	ESS		<u>₽</u>			Je I		DETA		ETAIL	<u>o</u>	ARDWARE	HOLD-	SS CC	
ORI	QUANTIT						IDTH	EIGH-	HCKN	出	TER	IISH		TER	HSI H	AD AD	MB D	L DE	AZIN	RDV	5	ACCES	
00	8	FROM		TO		Label	II/M	뽀	폰	Ĕ	₹	Z	Frame Type	₹	Ž Z	뽀	JAN	SIL	- - -	Ŧ	MAG	Ā	REMARKS
H000	1	000	CUSTODIAL	009	LOBBY	45	3' - 0"	7' - 1 1/2"	1 3/4"	-	WD I	FF	L	EXIST	PNT	1_	I_ I		<u> </u>	03.3			
H001B	1	-	CORRIDOR		STAIR		3' - 0"		1 3/4"			<u>' ' </u>		EXIST	PNT	-	-	<u>-</u> -		01.3			
H001C	1	-	CORRIDOR				3' - 0"		1 3/4"			FF		EXIST	PNT	-	-	-		S-01			
H006	1				STAIR		2' - 11"		1 3/4"	F	VVD I	FF	-	EXIST	PNT	-	-	-		01			
H010	1	009	LOBBY		MEN		3' - 0"		1 3/4"		VVD I	FF FF	-	EXIST	PNT	-	-	-		04			
H011 H012I	1	009 012I	LOBBY LOCKER RM	011	WOMEN LOBBY		3' - 0" 3' - 0"		1 3/4"		VVD I	FF	-	EXIST EXIST	PNT PNT	-	_	-		04 S-03			SHELTER LOCKSET
H012J	1	0121	GYM	009	LOBBY		3' - 0"		1 3/4"		110	<u>' '</u> FF	- -	EXIST	PNT	-	-	<u>-</u>		S-03			SHELTER LOCKSET, EXIT DEVICE
H012JJ	2	012	GYM	009			3' - 0"		1 3/4"			FF		EXIST	PNT	-	-	-		S-04			SHELTER LOCKSET, EXIT DEVICE
H012K	1			009	LOBBY		3' - 0"		1 3/4"		VVD I	FF	-	EXIST	PNT	-	-	-		S-04			
H012KK	2	1004D	CODD	009 014A	LOBBY		3' - 0" 3' - 6"		1 3/4"	N	***	FF FF		EXIST	PNT	-	-	-		S-03			CUELTED LOCKSET
H014A H015B	1	001B 001B	CORR		JAN ART ROOM		3' - 0"		1 3/4"	N	VVD	FF		EXIST EXIST	PNT PNT	-	_	<u>-</u> -		S-01 S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H017	2	001B	CORR	017	ART ROOM		3' - 0"		1 3/4"			FF		EXIST	PNT	-	-	-		S-02			SHELTER LOCKSET
H017A	1	001B	CORR		COMP. ROOM	45	3' - 0"		1 3/4"	F	WD I	FF	-	EXIST	PNT	-	-	-	-	S-01.1		;	SHELTER LOCKSET
H100BB	2	100B	CORR		STAIR		3' - 0"		1 3/4"	_	VVD	FF	+	EXIST	PNT	-	-	-			ES		
H100DA	2	V-1	COURTYARD VESTIBULE	100D	CORR	-	3' - 0"	7' - 0"	1 3/4"	G	WD	FF	-	EXIST	PNT	-	-	-	I-2	07.1			PROVIDE COVER PLATE AT PREVIOUS HINGE LOCATIONS
H100DC	2	100D	CORR	-	CORRIDOR	45	3' - 0"	7' - 0"	1 3/4"	N	WD I	FF	-	EXIST	PNT	-	-	-	I-1	07 Y	ES		
H101B	1	100	CORR		ROOM		3' - 0"		1 3/4"	G	VVD I	FF	-	EXIST	PNT	-	-	-		S-01			SHELTER LOCKSET
H101C H101G	1	100	CORR	101 101G	ADMIN MAIL		3' - 0" 3' - 0"		1 3/4"	G	VVD I	FF FF		EXIST EXIST	PNT PNT	-	-	-		S-01 S-01			SHELTER LOCKSET SHELTER LOCKSET
H101G	2	100	LIBRARY		STAIR		3' - 0"		1 3/4"		110	FF		EXIST	PNT	-	-	<u>-</u> -		S-04			SHELTER LOCKSET, EXIT DEVICE
H120B	1	102B	CLASSROOM				3' - 0"	6' - 11"	1 3/4"			FF		EXIST	PNT			<u>-</u>		S-01.1		;	SHELTER LOCKSET
H125A	1	-	CORRIDOR	125	CLASSROOM		3' - 0"		1 3/4"	N	VVD I	FF 	-	EXIST	PNT	-	-	-		S-01.1			SHELTER LOCKSET
H125B	1	-	CORRIDOR	125 127	CLASSROOM SCIENCE LAB		3' - 0"		1 3/4"	N N	VVD	FF FF	-	EXIST	PNT	-	-	-		S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H127A H127B	1	-	CORRIDOR CORRIDOR		SCIENCE LAB SCIENCE LAB		3' - 0" 3' - 0"		1 3/4" 1 3/4"	N	WD I	FF	-	EXIST EXIST	PNT PNT	-	- -	-		S-01.1 S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H128A	1_	<u> </u> -	CORRIDOR	128	CLASSROOM		3' - 0"		1 3/4"			FF		EXIST	PNT	<u>-</u>	-	<u> </u>		S-01.1			SHELTER LOCKSET
H128B	1	<u>-</u>	CORRIDOR	128	CLASSROOM		3' - 0"		1 3/4"		VVD	FF 		EXIST	PNT	-	-	-	I-1	S-01.1		;	SHELTER LOCKSET
H129A	1	-	CORRIDOR		GOILITOL LIND		3' - 0" 3' - 0"		1 3/4"		VVD I	FF FF		EXIST	PNT	-	-	<u>-</u>		S-01.1 S-01.1			SHELTER LOCKSET
H129B H130A	1	-	CORRIDOR CORRIDOR	129 130	SCIENCE LAB CLASSROOM		3' - 0"		1 3/4"		VVD	FF	- -	EXIST EXIST	PNT PNT	-	_	-		S-01.1 S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H130B	1	-	CORRIDOR	130			3' - 0"		1 3/4"			FF	-	EXIST	PNT	-	-	-		S-01.1			SHELTER LOCKSET
H132B	1	132	DIGITAL LAB	-	CORRIDOR	45	3' - 0"	7' - 0"	1 3/4"	N	WD I	FF	-	EXIST	PNT	-	-	-	I-1	S-01.1			SHELTER LOCKSET
H133A	1	- 400D	CORRIDOR	405			2' - 8"		1 3/4"		VVD I	FF FF		EXIST	PNT	-		-		03.2			OUELTED LOOKOET
H135 H136A	1	100D 100D	CORR	135 136	RECEPTION CLASSROOM		3' - 0" 3' - 0"		1 3/4"		VVD I	FF	-	EXIST EXIST	PNT PNT	-	_	<u>-</u>		S-01.1 S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H137	1	100D	CORR	137	GC		2' - 6"		1 3/4"			<u>''</u> FF	-	EXIST	PNT	-	-	<u>-</u>		S-01.1			SHELTER LOCKSET
H138	1	100D	CORR	138	CLASSROOM	45	3' - 0"		1 3/4"	N	WD I	FF	-	EXIST	PNT	-	-	-	I-1	S-01.1			SHELTER LOCKSET
H139	1	100D	CORR	139	GC		3' - 0"		1 3/4"	N	VVD I	FF	-	EXIST	PNT	-	-	-		S-01		;	SHELTER LOCKSET
H142 H143	1	100D 100D	CORR	142 143	JC BOYS		3' - 0" 3' - 0"		1 3/4"		''''	FF FF		EXIST EXIST	PNT PNT	-	-	-		03.2		+	
H144	1	100D	CORR	144	GIRLS		3' - 0"		1 3/4"			FF		EXIST	PNT	-	-	-		04			
H145	2	-	LOBBY	145	AUDITORIUM		3' - 0"	7' - 0"	1 3/4"	F	WD I	FF	-	EXIST	PNT					S-04			SHELTER LOCKSET, EXIT DEVICES,
																							PROVIDE REMOVABLE INTERMEDIATE MULLION
H200A	1	200B	CORR	200A	CORR	45	2' - 8"	7' - 2"	1 3/4"	N	WD I	FF	-	EXIST	PNT	-	-	-	I-1	07			
H200AA	2	100	CORR		STAIR		3' - 0"		1 3/4"		VVD I	FF	-	EXIST	PNT	-	-	-			ES		
H200B	2	100	CORR		STAIR		3' - 0"		1 3/4"	N	VVD I	FF FF		EXIST	PNT	-	-	-			ES		
H200D H200D1	2	M21 200D	CORRIDOR CORR	200D ST-X	CORR STAIR		3' - 0" 3' - 0"		1 3/4"	N N	VVD I	FF		EXIST EXIST	PNT PNT	31/A901	30/A901	_			ES ES		
H200D2	1	12005	COLUX		CORR		2' - 8"		1 3/4"			FF		EXIST	PNT	-	-	-		03.3			
H201	1	200	CORR		02.100.100		3' - 0"		1 3/4"	N	***	FF	-	EXIST	PNT	-	-	-		S-01			SHELTER LOCKSET
H202 H203	1	200	CORR	202 101C	CLASSROOM ROOM		3' - 0" 3' - 0"		1 3/4" 1 3/4"	N	VVD I	FF FF	-	EXIST EXIST	PNT PNT	-	-	-		S-01 S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H204	1	200	CORR	204	CLASSROOM		3' - 0"		1 3/4"	N	WD I	FF		EXIST	PNT	-	-	<u>-</u> -		S-01.1			SHELTER LOCKSET
H205	1	200	CORR	205	CLASSROOM		3' - 0"		1 3/4"	N		FF		EXIST	PNT	-	-	-		S-01			SHELTER LOCKSET
H206	1	200	CORR	206	SCIENCE LAB		3' - 0"		1 3/4"		****	FF		EXIST	PNT	-	-	-		S-01.1			SHELTER LOCKSET
H231A H231B	1	200D 200D	CORR	231 231	02.100.100		3' - 0" 3' - 0"		1 3/4"		VVD	FF FF		EXIST EXIST	PNT PNT	-	-	-		S-01.1 S-01.1	-		SHELTER LOCKSET SHELTER LOCKSET
H232	1	200D 200D	CORR	232	CLASSROOM		3' - 0"	7' - 0"	1 3/4"	N	WD I	FF	-	EXIST	PNT	-	-	<u>-</u> -		S-01.1			SHELTER LOCKSET
H233A	1	200D	CORR	233			3' - 0"		1 3/4"	N		FF	-	EXIST	PNT	-	-	-		S-01.1			SHELTER LOCKSET
H233B	1	200D	CORR	233	GOIZITOZ ZI IB		3' - 0"		1 3/4"		VVD	FF	-	EXIST	PNT	-	-	-		S-01.1			SHELTER LOCKSET
H234A H234B	1	200D 200D	CORR	234	DIGITAL LAB DIGITAL LAB		3' - 0" 3' - 0"		1 3/4"		****	FF FF		EXIST EXIST	PNT PNT	-	- -	<u>-</u>		S-01.1 S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H235A	1	200D 200D	CORR				3' - 0"		1 3/4"			FF		EXIST	PNT	-	-	-		S-01.1			SHELTER LOCKSET
H235B	1	200D	CORR	235	SCIENCE LAB	45	3' - 0"	7' - 0"	1 3/4"	N	WD I	FF	-	EXIST	PNT	-	-	-	I-1	S-01.1		;	SHELTER LOCKSET
H236A	1	ST-AA	ROOM		CORR		3' - 0"		1 3/4"		VVD	FF		EXIST	PNT	-	-	-		S-01.1	-T		SHELTER LOCKSET
H236B H238	1	200D 200D	CORR	236 238	CLASSROOM CLASSROOM		3' - 0" 3' - 0"		1 3/4" 1 3/4"		VVD	FF FF		EXIST EXIST	PNT PNT	-	-	-		S-01.1 S-01			SHELTER LOCKSET SHELTER LOCKSET
H240	1	200D	CORR				3' - 0"		1 3/4"					EXIST	PNT					S-01.1			SHELTER LOCKSET
H241	1	241	GUIDANCE SUITE	200D	CORR		3' - 0"		1 3/4"	N	WD I	FF	28	EXIST	PNT	31/A901	30/A901			S-01.NEW		;	SHELTER LOCKSET
H242	1	200D	CORR	242	CLASSROOM		3' - 0"		1 3/4"		ין טיי	FF FF		EXIST	PNT					S-01.1			SHELTER LOCKSET
H242A H243	1	200D 200D	CORR	243	OFFICE GUIDANCE		3' - 0" 3' - 0"		1 3/4" 1 3/4"	N	110	<u> </u>	- -	EXIST EXIST	PNT PNT	-	- -	<u>-</u> -		S-01.1 S-01			SHELTER LOCKSET SHELTER LOCKSET
H244	1	200D	CORR	244			3' - 0"		1 3/4"	N		FF	-	EXIST	PNT	-				S-01.1			SHELTER LOCKSET
H245	2	245	AUDITORIUM	1	CORR	45	2' - 5 1/2"	7' - 0"	1 3/4"	F	WD I	FF	-	EXIST	PNT	31/A901	30/A901			S-03			SHELTER LOCKSET, EXIT DEVICES,
																							PROVIDE REMOVABLE INTERMEDIATE MULLION
H246	1	200	CORR		GOILITOL LIND	45	3' - 0"		1 3/4"	N	WD I	FF		EXIST	PNT	-		<u>-</u>		S-01.1			SHELTER LOCKSET
H247	1	247	STORAGE	200	CORR		2' - 10"		1 3/4"		****	FF		EXIST	PNT	-	-	-	-	03			OUEL TER LOCKET
H302 H304	1	302 300	SCIENCE LAB CORR	300 304	CORR SCIENCE LAB		3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"		110	FF FF		EXIST EXIST	PNT PNT	- -	- -	<u>-</u>		S-01 S-01.1			SHELTER LOCKSET SHELTER LOCKSET
H304	1	101C	ROOM	1	ROOM		3' - 0"		1 3/4"			<u>FF</u> FF	-	EXIST	PNT	-	-	-		03			SHELTER LOCKSET
H306	1	300	CORR	306	SCIENCE LAB	45	3' - 0"	7' - 0"	1 3/4"		WD I	FF		EXIST	PNT	-	-	-	I-1	S-01.3		;	SHELTER LOCKSET
H307	1	300	CORR	307	PREP ROOM		3' - 0"		1 3/4"	N	VVD I	FF		EXIST	PNT	-	-	-		S-01.1		,	SHELTER LOCKSET
HA HA2	2	200	LOBBY	Δ	STAIR		3' - 0" 2' - 10 1/2"		1 3/4"		VVD I	FF FF		EXIST EXIST	PNT PNT	-	- -	-			ES ES		
HA2 HA3	2	300	CORR				2' - 10 1/2" 3' - 0"		1 3/4"			FF		EXIST	PNT	- -	-	<u>-</u>			ES ES		
HB1	1	200	CORR	-	STORAGE	45	2' - 10"	6' - 10"	1 3/4"	F	WD I	FF	-	EXIST	PNT	-			-	03			
HB2	2	200	CORR		STAIR		2' - 10 1/2"		1 3/4"	N	110	FF	-	EXIST	PNT	-	-	-			ES		
HB3 HD	<u>2</u>	300	CORR		0171111		3' - 0" 3' - 0"		1 3/4" 1 3/4"	IN E	VVD I	FF FF	- -	EXIST EXIST	PNT PNT	-	-	-		07 Y	ES		
HD2	2	D	STAIR	-	O I A II A		3' - 0"		1 3/4"			FF		EXIST	PNT					07			
HF	1	F	STAIR	009	LOBBI	45	3' - 7"	7' - 0"	1 3/4"		WD I	FF	-	EXIST	PNT	-	-	<u>-</u>	-	01.3			
HG	1	G	STAIR	009	2000.		3' - 0"		1 3/4"	F T	VVD	FF	-	EXIST	PNT	-	-	-		01.3		Ţ	
HJ2 HJ3	2	200B 300B	CORR		STAIR STAIR	-	3' - 0" 3' - 0"		1 3/4"		WD I	FF FF	-	EXIST EXIST	PNT PNT	-	-	-			ES ES		
1100		10000	1	1-	- · · · · ·	.~		. 11/4	. 5/ (ı··	ا ح		I	1=,	1. 111	1	<u> </u>		1	1-, 1			

HS NEW DOOR (FRAME TO REMAIN) SCHEDULE

										HS NE\	V EXT	ERIOR I	DOOR SCH	IEDULE							
					DOOR										FRAME					z J	
DOOR NUMBER	QUANTITY	FROM		ТО		WIDTH	неіснт	THICKNESS	ТҮРЕ	MATERIAL	FINISH	Frame	Type MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GLAZING	HARDWARE	MAG HOLD-OPEN ACCESS CONTROL	REMARKS
H2	2	1		lv	VESTIBULE	3' - 0"	8' - 0"	1 3/4"	DG	ALUM	TFF	1.	ALUM	FF				X-3	EX05.NEW	1.	
H3	2	В	STAIR	-			8' - 0"	1 3/4"	G	ALUM	FF F	-		FF				X-3	EX04.NEW	CR	
H4	2			-	EXTERIOR	2' - 6"	7' - 6"	1 3/4"	G	FRP	FF	34	ALUM	FF				X-3	EX04.NEW	- CR	
H5	2	-	EXTERIOR				7' - 6"	1 3/4"		FRP	FF	35	ALUM	FF				-	EX04.NEW	- CR	
H6	2	С	STAIR	-	EXTERIOR	2' - 6"	7' - 6"	1 3/4"	G	FRP	FF	34	ALUM	FF				X-3	EX04.NEW	-	
H7	1	E	STAIR			3' - 6"	7' - 0"	1 3/4"	F	FRP	FF	38	ALUM	FF				-	EX03.1NEW	-	
H8	4	009	LOBBY				7' - 1"	1 3/4"	N	FRP	FF	31	ALUM	FF				X-1	EX04.BNEW	- CR	
H9		009	LOBBY				7' - 2"	1 3/4"	N	FRP	FF	5		ANOD				X-1	EX01.A.NEW	-	
H10	2	012B	CORR				7' - 2"	1 3/4"	F	FRP	FF	5	ALUM	ANOD				-	EX04.NEW	- CR	
H11A	2					3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	5	ALUM	ANOD				-	EX01.A.NEW	-	
H11B	1					3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	ALUM	ANOD				-	EX03.1NEW	-	
H12	2	012	GYM			3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	5	ALUM	ANOD				-	EX01.A.NEW	-	
H12A	1	012	GYM			3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	ALUM	ANOD				-	EX03.1NEW	-	
H13	2	012H	CORR			3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	5	ALUM	ANOD				-	EX01.A.NEW	-	
H14	2	009	LOBBY				7' - 1 1/2"	1 3/4"	N	FRP	FF	5	ALUM	ANOD				X-1	EX01.NEW	-	
H15	1					3' - 0"	7' - 0"	1 3/4"	IF	FRP	FF	1	ALUM	FF				-	EX03.NEW	-	
H16	2		DO!! 50 DOOM			3' - 0"	7' - 1 1/2"	1 3/4"	IN .	FRP	FF	5		ANOD				X-1	EX01.NEW	-	
H17	2	-	BOILER ROOM			2' - 0"	7' - 0"	1 3/4"	<u> -</u>	FRP	FF	34	ALUM	FF				-	EX01.NEW	-	
H18	PR	Н	STAIR			3' - 3 1/2"	7' - 0"	1 3/4"	F	FRP	FF	3	ALUM	FF FF				-	EX01.NEW	- -	
H19	PR	-	CORRIDOR	-	EXTERIOR	3' - 4"	7' - 1" 7' - 1"	1 3/4"	IN	FRP FRP	FF	37 37	ALUM	FF				X-1	EX04.BNEW	- CR	
H19A	1	-	CORRIDOR	-	EXTERIOR EXTERIOR	3' - 3"	7' - 1"	1 3/4"	IN	FRP	FF		ALUM ALUM	FF				X-1	EX02.ANEW EX01.A.NEW	- CR	
H20 H21	2		EXTERIOR	-	EXTERIOR		7' - 6"	1 3/4"	-	FRP	IFF	35 35		FF				-	EX01.A.NEW	-	
H22	2	-	EXTERIOR				7' - 6"	1 3/4"	-	FRP		35	ALUM	FF				-	EX01.A.NEW	 -	
H23	PR	-	LATERIOR	145	AUDITORIUM	2' - 5"	6' - 8"	1 3/4"	 	FRP	FE	3		FF				<u>-</u>	EX01.A.NEW	-	
H24	PR	<u> </u>	EXTERIOR	145	AUDITORIUM	3' - 3"	7' - 0"	1 1/4"	l' F	FRP	FF	3	ALUM	FF	+ +			-	EX01.A.NEW	 	
H100DB	2	-	COURTYARD	V-1	COURTYARD VESTIBULE		7' - 0"	1 3/4"	G	FRP	FF.	6		FF F				X-1	EX01.A.NEW	-	
HJ1	2	-	COURTYARD		STAIR		7' - 6"	1 3/4"	G	FRP	FF F	6	ALUM	FF	†			X-1	EX01.1.NEW	-	
HV1A	2	V1	VESTIBULE	-	EXTERIOR	3' - 0"	8' - 0"	1 3/4"	DG	ALUM	FF	-	ALUM	FF	†			1	EX05.NEW		
HV1B	2	V1	VESTIBULE	-	EXTERIOR		8' - 0"	1 3/4"	DG	ALUM	FF	-	ALUM	FF					EX05.NEW		

	HS NEW INTERIOR DOOR SCHEDULE																						
		DOOR DOOR FRAME																Z	7				
OOOR NUMBER	QUANTITY	FROM		то		Label	МБТН	HEIGHT	THICKNESS	YPE	AATERIAL	HSINI:	TYPE	AATERIAL	HSINISH	HEAD DETAIL	AMB DETAIL	SILL DETAIL	SLAZING	1ARDWARE	AAG HOLD-OPEN	ACCESS CONTROL	REMARKS
	1 0	1		1			>		<u> </u>			<u> </u>	1	<	ј Ш		<u> </u>	0)					
H001A	1	002	BOILER ROOM	001A	CORR	45	3' - 0"	6' - 11 1/2"	1 3/4"	F	WD	FF	1	HM	PNT	31/A901	30/A901		-	12.NEW			
H1N	1		CUSTODIAL			45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	HM	PNT				-	03.3			
H10	1		OLD GYM	-	STAIR	45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	HM	PNT	31/A901	30/A901		-	S-03.NEW			SHELTER LOCKSET, EXIT DEVICE
H1P	1		STAIR	104B	STOR	45	2' - 8"	7' - 0"	1 3/4"	F	WD	FF	1		PNT	31/A901	30/A901		-	01.3			
H1Q	1		OLD GYM	F.	STAIR	45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	HM	PNT	31/A901	30/A901		-	S-03.NEW			SHELTER LOCKSET, EXIT DEVICE
H2A	2		VESTIBULE	A	STAIR	-	3' - 0"	8' - 0"	1 3/4"	G	ALUM		-	ALUM	FF	31/A901	30/A901		I-2	10.NEW	-		
H022 H102B	1	+	CORR	022	JAN STAIR	45	3' - 0"	6' - 11 1/2"	1 3/4" 1 3/4"	F	WD WD	FF	1	HM	PNT PNT	31/A901 31/A901	30/A901 30/A901		-	03.NEW S-03.NEW	1		SHELTER LOCKSET, EXIT DEVICE
H103	1	102	LIDRART	103	OFFICE		3' - 0"	7' - 0" 7' - 0"	1 3/4"	N N	WD	FF	28	HM	PNT	31/A901 31/A901	30/A901 30/A901		-	S-03.NEW	+	-	SHELTER LOCKSET, EXIT DEVICE SHELTER LOCKSET, REMOVE AND REINSTALL WIRE'S AND
11103				103	OTTICL	45	3 -0	7 - 0	1 3/4	IN .	VVD		20	I livi	FINI	31/A301	30/A901			3-01.11 V			CONDUIT ON BACK OF DOORFRAME TO ALLOW FOR DOOR INSTALLATION
H104A	PR			104	OLD GYM	45	2' - 5 1/2"	6' - 11 1/2"	1 3/4"	N	WD	FF	5	НМ	PT	31/A901	30/A901			S-04.NEW.A			SHELTER LOCKSET, EXIT DEVICE, PROVIDE REMOVABLE INTERMEDIATE MULLION
H104B	PR	104	OLD GYM			45	2' - 5 1/2"	6' - 11 1/2"	1 3/4"	N	WD	FF	5	HM	PT	31/A901	30/A901			S-04.NEW.A			SHELTER LOCKSET, EXIT DEVICE, PROVIDE REMOVABLE INTERMEDIATE MULLION
H105	1			105	OFFICE	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28		PNT	31/A901	30/A901			S-01.1NEW			SHELTER LOCKSE, REMOVE AND REINSTALL WIRE'S AND CONDUIT ON BACK OF DOORFRAME TO ALLOW FOR DOOR INSTALLATION,
H107	1		CORR	107	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	G	WD	FF	28		PNT	31/A901	30/A901			S-01.1NEW			SHELTER LOCKSET
H109	1		CORR	109	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	G	WD	FF	28	+	PNT	31/A901	30/A901			S-01.1NEW			SHELTER LOCKSET
H110	1		CORR	110	JAN	45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	HM	PNT	31/A901	30/A901		-	03.3.NEW			
H111	1	100B	CORR	111	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	G	WD	FF	28	_	PNT	31/A901	30/A901			S-01.1NEW			SHELTER LOCKSET
H113A	1		CORR	113	EARTH SCIENCE	45	3' - 0"	7' - 0"	1 3/4"	G	WD	FF	28	HM	PNT	31/A901	30/A901 30/A901			S-01.1NEW	-		SHELTER LOCKSET
H113B H114	1		JAN.	113 100B	EARTH SCIENCE CORR	45	3' - 0" 2' - 11"	7' - 0" 7' - 0"	1 3/4"	IN E	WD WD	FF FF	28	HM HM	PNT PNT	31/A901 31/A901	30/A901 30/A901			S-01.1NEW 03.3.NEW			SHELTER LOCKSET
H126G	1	1114	JAN.	1000	CONN	43	3' - 0"	7' - 0"	1 3/4"	<u>'</u> F	WD	FF F	1	HM	PNT	31/A901 31/A901	30/A901		-	01.3			
H207	1	200B	CORR	207	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N.	WD	FF	28	HM	PNT	31/A901	30/A901			S-01.1.NEW	1		SHELTER LOCKSET
H209	1		CORR	209	CLASSROOM		3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28	НМ	PNT	31/A901	30/A901			S-01.1.NEW			SHELTER LOCKSET
H211	1		CORR	211	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28	НМ	PNT	31/A901	30/A901			S-01.1.NEW			SHELTER LOCKSET
H212	1	212	JAN	200B	CORR	45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	31/A901	30/A901		-	03.3.NEW			
H213	1		CORR	213	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28	HM	PNT	31/A901	30/A901			S-01.NEW			SHELTER LOCKSET
H214	1		CORR	214	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28	НМ	PNT	31/A901	30/A901			S-01.1.NEW			SHELTER LOCKSET
H216	1		CORR	216	JAN	45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	-	PNT	31/A901	30/A901		-	03.3.NEW			
H301	11		CORR	301	FAC.	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	11	HM	PNT	31/A901	30/A901		I-1	S-01.NEW		1	
H309	11		CORR	309	FAC.	45	3' - 0"	7' - 0"	1 3/4"	 	WD	FF	120	HM	PNT	31/A901	30/A901		-	S-01.NEW		1	CHELTED LOOKSET
H311 H312	1	300B 312	JAN	311 300B	CLASSROOM CORR	45 45	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4"	IN	WD WD	FF FF	28	HM HM	PNT PNT	31/A901 31/A901	30/A901 30/A901			S-01.1.NEW 03.3.NEW			SHELTER LOCKSET
H313	1		CORR	313	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28		PNT	31/A901 31/A901	30/A901 30/A901		-	S-01.1.NEW		1	SHELTER LOCKSET
H314	1		CORR	314	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28	HM	PNT	31/A901 31/A901	30/A901			S-01.1.NEW		+	SHELTER LOCKSET
H315	1		CORR	315	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28	HM	PNT	31/A901	30/A901			S-01.1NEW			SHELTER LOCKSET
H316	1		JAN	300B	CORR	45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1		PNT	31/A901	30/A901		-	03.3.NEW		1	
H317	1		CORR	317	CLASSROOM	45	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	28	НМ	PNT	31/A901	30/A901			S-01.1.NEW			SHELTER LOCKSET
HC	1		OFFICE	С	STAIR	45	3' - 0"	6' - 11 1/2"	1 3/4"	N	WD	FF	1	НМ	PNT	31/A901	30/A901		I-1	01.NEW			
HD3	1			D	STAIR	45	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	31/A901	30/A901		-	01.3.NEW			
HJ	2	100B	CORR	J	STAIR	45	2' - 11 1/2"	7' - 0"	1 3/4"	N	WD	FF	5	HM	PNT	31/A901	30/A901		I-1	07.NEW	YES		
HV1C	2	-	LOBBY	V1	VESTIBULE		2' - 11 3/4"	8' - 0"	1 3/4"	DG	ALUM		-	ALUM	FF					10.NEW			
HV1D	2	-	LOBBY	V1	VESTIBULE	1	3' - 0"	8' - 0"	1 3/4"	DG	ALUM		-	ALUM	FF	10.44				10.NEW		1	
HV3	<u> </u> 1	ĮΑ	STAIR	100	SECURITY OFFICE	45	2' - 10 1/2"	7' - 0"	1 3/4"	F	WD	FF	<u> </u> 1	НМ	PNT	31/A901	30/A901		<u> </u> -	S-01.2.NEW			

			HS NEW	DOOR H	ARDWAR	E ONL	Y SC	HEDULE
		DO	OR			z	lo i	
JOOR NUMBER	QUANTITY	FROM	ТО	GLAZI NG	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	REMARKS
	1 6	1110111	1 10				_	TILIW II II CO
H003A	2				SHL.01			SHELTER LOCKSET, PROVIDE REMOVABLE INTERMEDIATE MULLION
H003B	2				SHL.01			SHELTER LOCKSET, PROVIDE REMOVABLE INTERMEDIATE MULLION
H004A	2				SHL.01			SHELTER LOCKSET, EXIT DEVICE, PROVIDE REMOVABLE INTERMEDIATE MULLION
H004B	2				SHL.01			SHELTER LOCKSET, EXIT DEVICE, PROVIDE REMOVABLE INTERMEDIATE MULLION
H004C	1				COR.01			NEW CORE
H005	1				SHL.01			SHELTER LOCKSET
H006A	1				SHL.01			SHELTER LOCKSET
H007	1				SHL.01			SHELTER LOCKSET
H008	1				SHL.01			SHELTER LOCKSET
H012B	2				SHL.03			SHELTER LOCKSET, EXIT DEVICE
H013	2				SHL.01			SHELTER LOCKSET
H014C	1				SHL.01			SHELTER LOCKSET
H015A	2				COR.01			NEW CORE
H016B	1				SHL.01			SHELTER LOCKSET
H018	1				SHL.01			SHELTER LOCKSET
H018A	2				COR.01			NEW CORE
H018B	2				COR.01			NEW CORE
H019	1				SHL.01			SHELTER LOCKSET
H019A	2				COR.01			NEW CORE
H020	1				SHL.01			SHELTER LOCKSET
H020A	1				SHL.01			SHELTER LOCKSET
H112	1				SHL.01			SHELTER LOCKSET
H113A	1				S-01.1NEW			SHELTER LOCKSET
H115	1				SHL.01			SHELTER LOCKSET
H117	1				SHL.01			SHELTER LOCKSET
H118	1				SHL.01			SHELTER LOCKSET
H118B	PR				COR.01			NEW CORE
H119	11				COR.01			NEW CORE
H120	1				SHL.01			SHELTER LOCKSET
H122 H123A	2				SHL.01 COR.01			SHELTER LOCKSET NEW CORE
H123A H123B	2				COR.01		-	NEW CORE
H123B H123C	1	 			SHL.03			SHELTER LOCKSET, EXIT DEVICE
H123D	1				SHL.03		-	SHELTER LOCKSET, EXIT DEVICE
H123F	2				SHL.02			SHELTER LOCKSET, EXIT DEVICE, PROVIDE REMOVABLE INTERMEDIATE MULLION
H124	1				SHL.01			SHELTER LOCKSET
H126A	11				SHL.01			SHELTER LOCKSET
H126B	1				SHL.01			SHELTER LOCKSET
H126C	1				COR.01			NEW CORE, NEW DOOR CONTACTS
H126D	1				COR.03			NEW CORE, NEW DOOR CONTACTS
H126DD	1				COR.01			NEW CORE
H126E	1		- 		COR.01	—		NEW CORE

			LIO NEW		\ D D\ \ \ \ -)	V 00	NIEDIU E
			HS NEW	DOOR HA	AKDWAF	KE ONL	Y SC	CHEDULE
			DOOR			Z	3OL	
DOOR NUMBER	QUANTITY	FROM	то	GLAZI NG	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	REMARKS
	l o	FROW	10	ING	ヹ	Σ	₹	REIVIARNO
H126F	1				COR.01			NEW CORE
H126FF	1				COR.03			NEW CORE
H131	1				COR.01			NEW CORE
H132A	1				SHL.01			SHELTER LOCKSET
H133	1				COR.01	1		NEW CORE
H145A					SHL.02			SHELTER LOCKSET, EXIT DEVICE
H145B					SHL.02			SHELTER LOCKSET, EXIT DEVICE
H145C					SHL.02			SHETER LOCKSET, EXIT DEVICE, PROVIDE REMOVABLE INTERMEDIATE MULLION
H219	1				SHL.01			SHELTER LOCKSET
H220	1				SHL.01			SHELTER LOCKSET
H221	1				SHL.01			SHELTER LOCKSET
H222	1				SHL.01			SHELTER LOCKSET
H223	1				COR.01			NEW CORE
H224	1				SHL.01			SHELTER LOCKSET
H225	1				SHL.01			SHELTER LOCKSET
H226	1				SHL.01			SHELTER LOCKSET
H228	1				SHL.01			SHELTER LOCKSET
H230	1				SHL.01			SHELTER LOCKSET
H237	1				COR.01			NEW CORE
H238A	1				COR.01			NEW CORE
H238B	1				COR.01			NEW CORE
	1				COR.01			NEW CORE
H238D	1				COR.01			NEW CORE
H239	1				COR.01			NEW CORE
H245A	1				S-03			SHELTER LOCKSET, EXIT DEVICE
H245B	1				S-03	1		SHELTER LOCKSET, EXIT DEVICE
H319	1				SHL.01	1		SHELTER LOCKSET
H320	1				SHL.01	1		SHELTER LOCKSET
H321	1				SHL.01	1		SHELTER LOCKSET
H321B	1				COR.01			NEW CORE
H322	1				SHL.01	1		SHELTER LOCKSET
H323	1				COR.01	1		NEW CORE
H324	1				SHL.01	1	ļ	SHELTER LOCKSET
H325	1				SHL.01	+		SHELTER LOCKSET
H326	1				SHL.01	1	-	SHELTER LOCKSET
H328	1				SHL.01	1		SHELTER LOCKSET
H330	1				SHL.01	-	-	SHELTER LOCKSET
H-1	PR 1				SHL.02	+	-	NEW CORE, SHELTER LOCKSET, EXIT DEVICE
HC1	1				COR.01	1	-	NEW CORE
HD1	1				COR.01	+	-	NEW CORE
HG1	2				COR.03	+	-	NEW CORE, NEW DOOR CONTACTS
HH1	PR				COR.02	+		NEW CORE, NEW CARD READER
HI1	2				COR.02	1		NEW CORE, NEW CARD READER

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT

M = M \ S |

2 LYON PLACE
WHITE PLAINS, NY 10601

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SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER, MA 02324

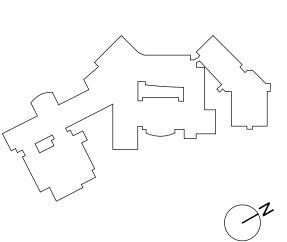
HAZARDOUS MATERIALS CONSULTANT

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

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 PROJECT NO.
 66-03-01-03-0-003-030

 MEMASI PROJECT NO.
 102-2202

DOOR SCHEDULE & ELEVATIONS

HS A901

- A. ALL FIRE RATED DOORS SHALL HAVE CORRESPONDING RATED FRAMES.
- B. PROVIDE TRANSITION STRIPS AT ALL INTERSECTIONS OF DISSIMILAR FLOORING MATERIALS AND DISSIMILAR CARPET, SEE XXX

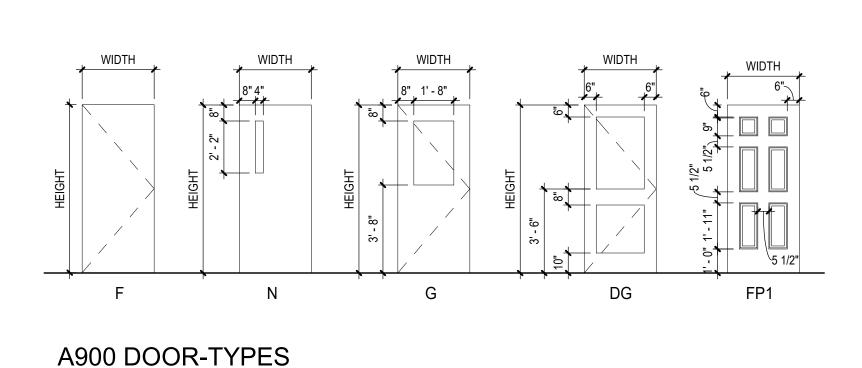
JAMBS. BRACE'S SHALL BE 3 5/8"X20 GA STUD.

KEY NOTES

- C. PROVIDE METAL STUD BRACING TO STRUCTURE ABOVE AT DOOR OPENINGS WITH METAL STUD
- D. PAINT ALL DOOR FRAMES, COLOR TO MATCH WALL UNLESS OTHERWISE NOTED.
- 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 UL MAKRING, PRIME AND PAINT THE HOLLOW METAL FRAMES.
- ELECTRIC STRIKES AND TRANSFER HINGES, WHERE SPECIFIED ARE TO BE SUPPLIED AND INSTALLED BY THE GC AS PART OF THEIR DOOR/HARDWARE SPECIFICATION. THE GC WILL COORDINATE INSTALLATIONS WITH EC SO THAT WIRE ROUGHING CAN BE DONE AT THE APPROPRIATE TIME.
- G. 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.

GLAZING TYPES

- X-1 VISION GLASS X-2 SPANDREL GLASS
- X-3 SECURITY GLASS (SHOOTER ATTACK CERTIFIED)
- 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)

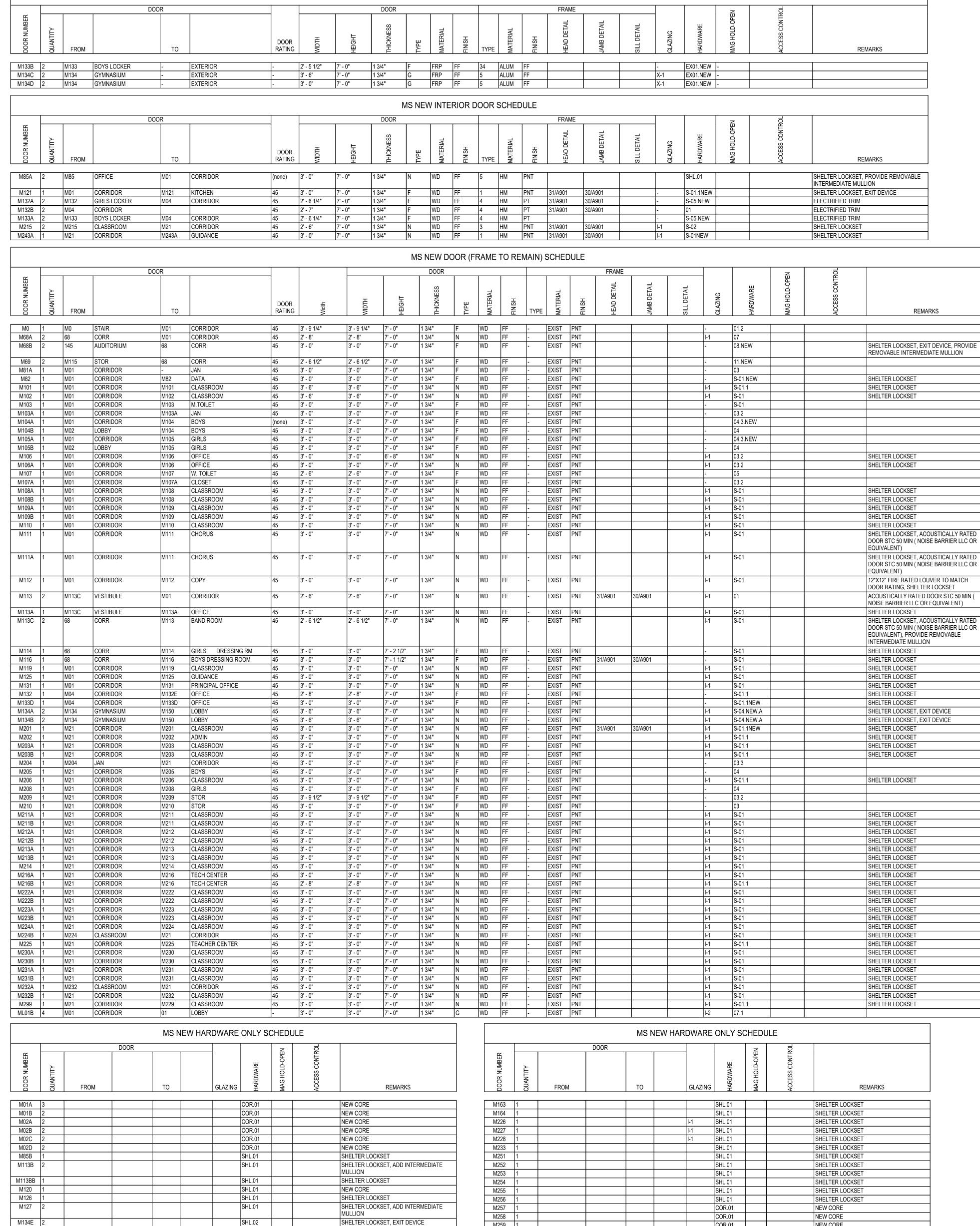


WIDTH X2 3

1/4" = 1'-0"

A900 FRAME TYPES MS

1/4" = 1'-0"



SHL.02

SHL.01 COR.01 COR.01 COR.01

COR.01

COR.01

SHL.01

SHL.01 SHL.01 COR.01

COR.01

COR.01

SHELTER LOCKSET, EXIT DEVICE

SHELTER LOCKSET

SHELTER LOCKSET

SHELTER LOCKSET

SHELTER LOCKSET

SHELTER LOCKSET

NEW CORE

SHELTER LOCKSET, EXIT DEVICE

M134F 2

M135 2

M141 1

M150A

M150B

M150C 2

M151 1

M152 1

M154 1

M155 1

M156 1

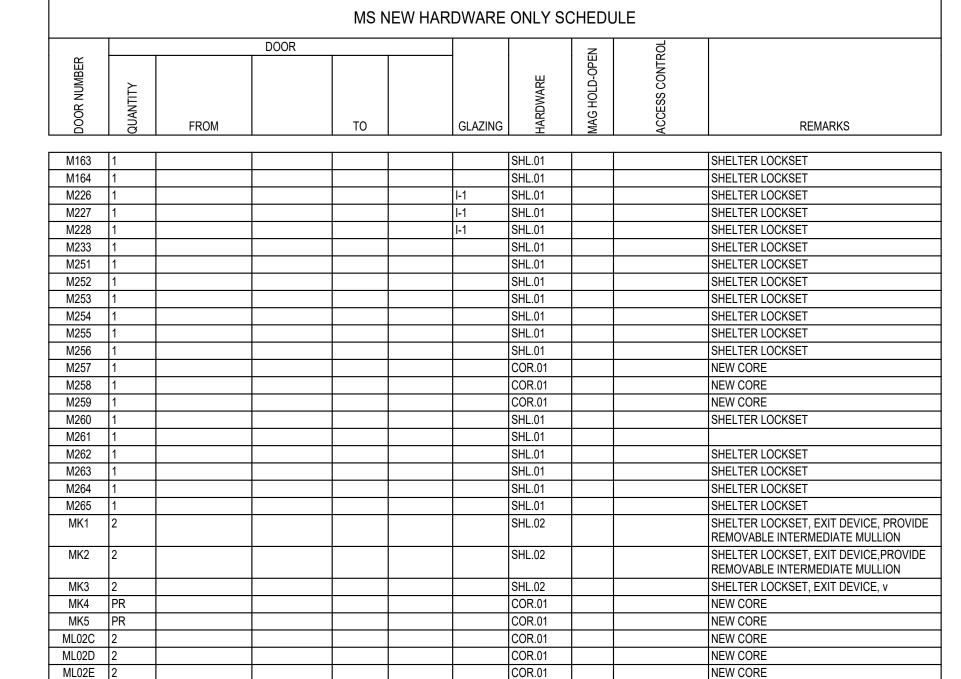
M158 1

M160 1

M161 1

M159

MS NEW EXTERIOR DOOR SCHEDULE



EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$

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992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT

BUILDING TECHNOLOGY CONSULTING

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

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BID SET	01/03/2023

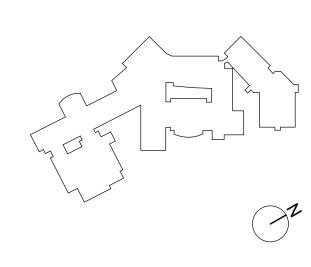
DATE

KEY PLAN

PROJECT NO.

ISSUE

SEAL



MEMASI PROJECT NO. 102-2202

66-03-01-03-0-003-030

DOOR SCHEDULE

MS A901

SHEET NOTES KEY NOTES

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT

M = M \ S |

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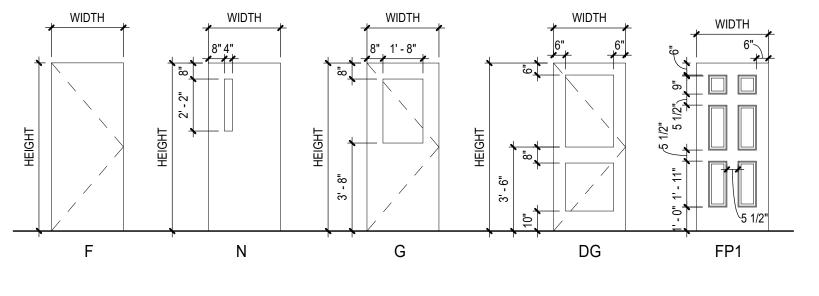
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING

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BRIDGEWATER, MA 02324

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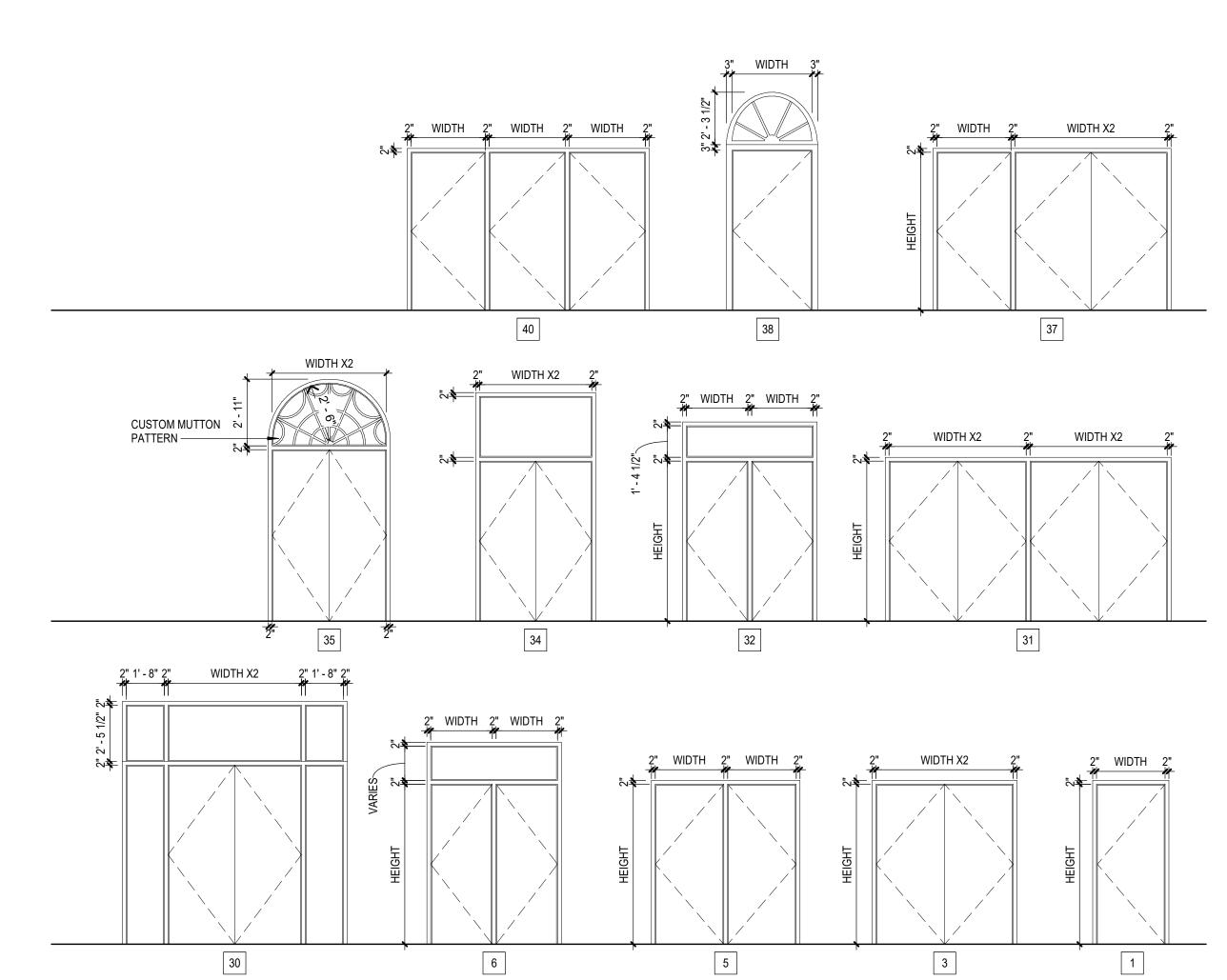
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LIGHTING CONSULTANT
GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204
PELHAM, NY 10803
914.693.0221



A900 DOOR-TYPES

1/4" = 1'-0"



A900 FRAME TYPES HS

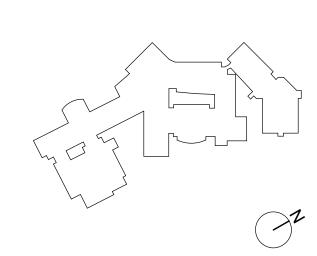
1/4" = 1'-0"

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SEAL

BID SET 01/03/2023
ISSUE DATE

KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

DOOR DETAILS

HS A902

EXISTING WALL ASSEMBLY - CONTINUOUS BACKER ROD AND SEALANT, TYPICAL BOTH SIDES — SHIM AS REQUIRED — DOOR FRAME AS SCHEDULED, **GROUT SOLID** — DOOR AS SCHEDULED 6 3/4"

EXISTING PARTITION

- SHIM AS REQUIRED

— CONTINUOUS BACKER ROD AND SEALANT, TYP BOTH SIDES

— DOOR FRAME AS SCHEDULED

— DOOR AS SCHEDULED

HEAD DETAIL

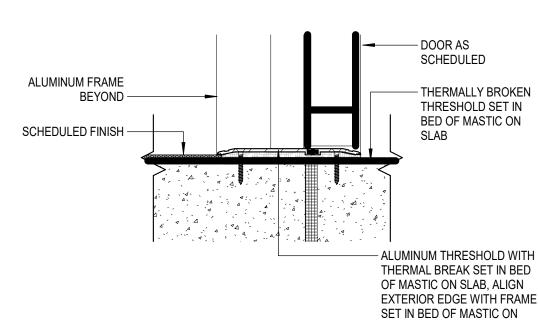
2" VARIES 1 1/2"

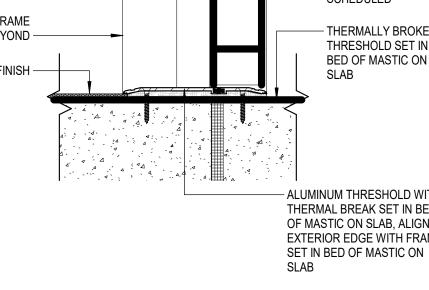
HEAD DETAIL

3" = 1'-0"

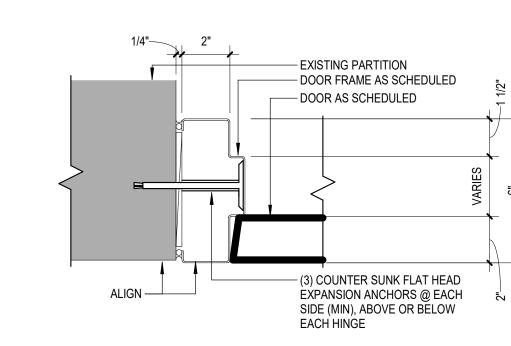
3" = 1'-0"

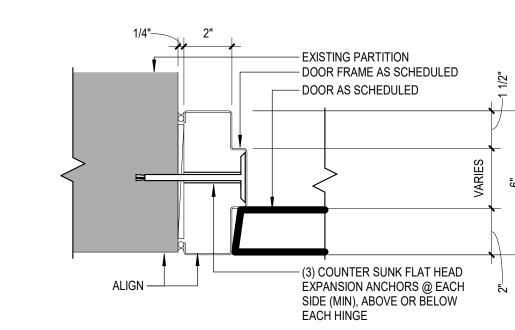
3" = 1'-0"



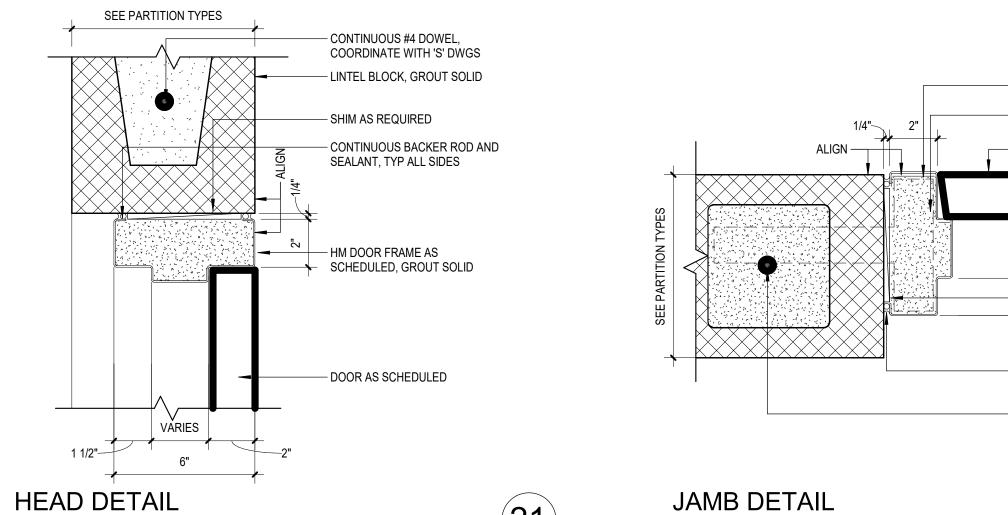




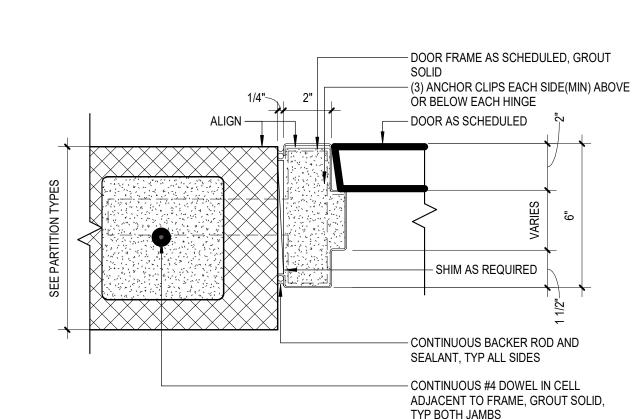


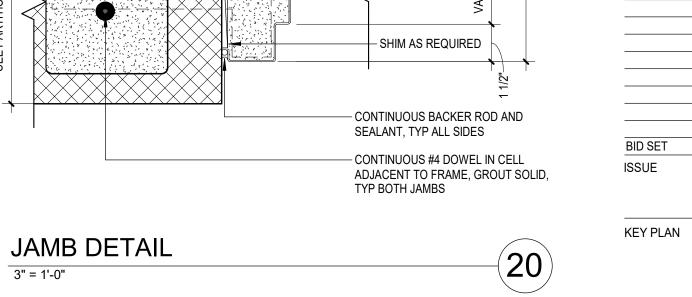


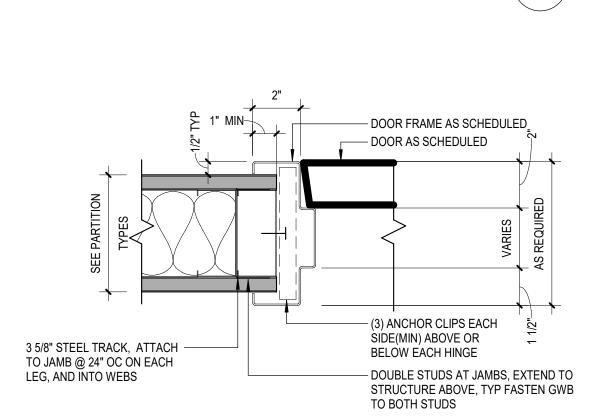


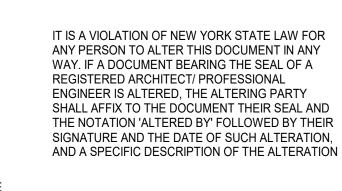


(51)









EASTCHESTER

SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

EASTCHESTER MIDDLE /

 $M \equiv M \wedge SI$

UNION FREE

PHASE 2

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LIGHTING CONSULTANT

629 FIFTH AVE, #204 PELHAM, NY 10803

914.693.0221

MEP CONSULTANT

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STANTEC

WSP

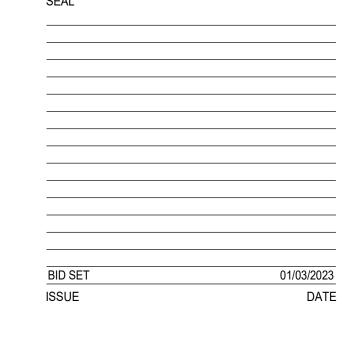
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BUILDING TECHNOLOGY CONSULTING

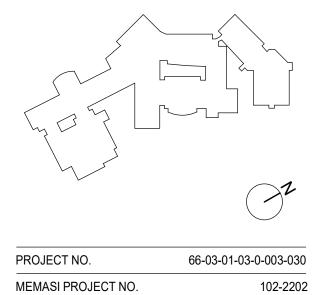
HAZARDOUS MATERIALS CONSULTANT

GOLDSTICK LIGHTING DESIGN

HIGH SCHOOL







DOOR DETAILS

HS A903

HEAD DETAIL (12) 3" = 1'-0"

DOOR FRAME AS SCHEDULED

— DOOR AS SCHEDULED

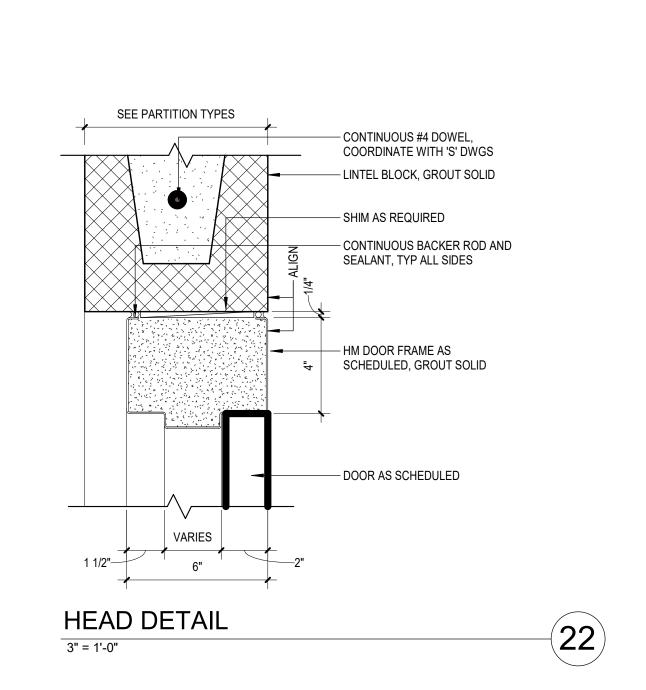
SEE PARTITION

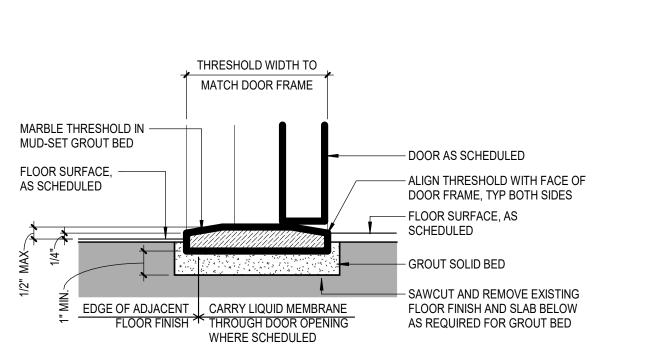
VARIĚS

AS REQUIRED

JAMB DETAIL 3" = 1'-0"

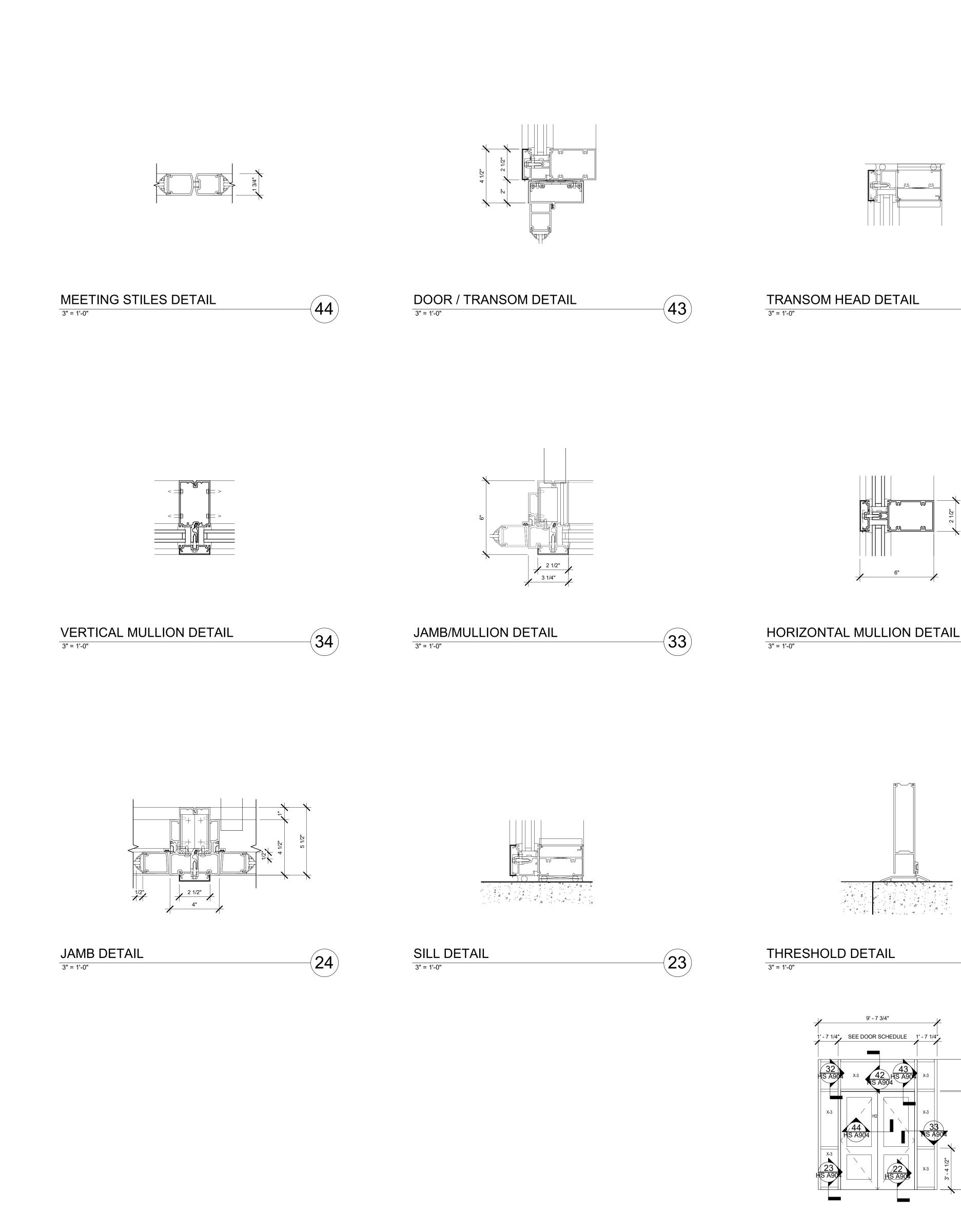
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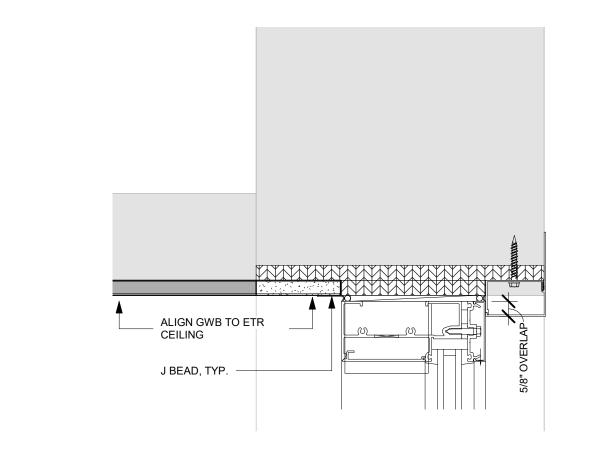




3" = 1'-0"









42

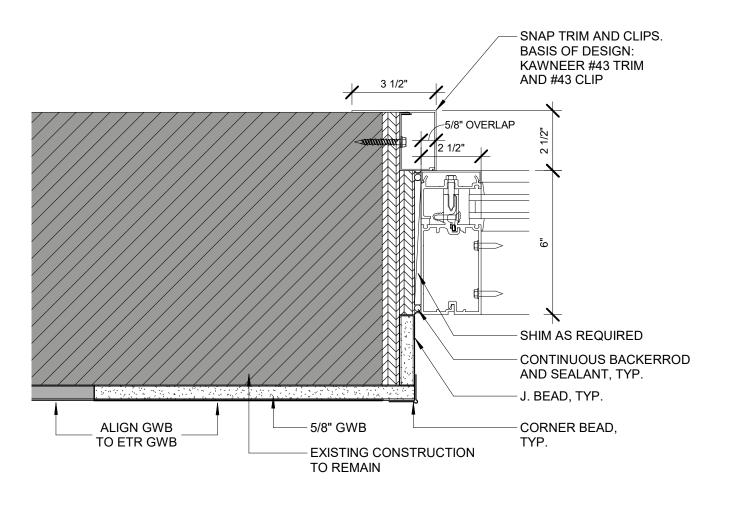
-(32)

12

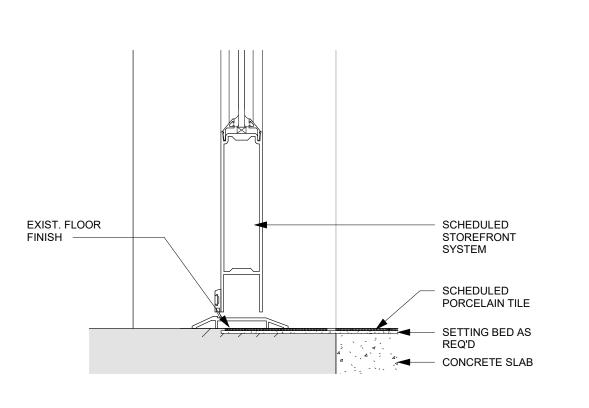
9' - 7 3/4"

S-2 STOREFRONT ELEVATION

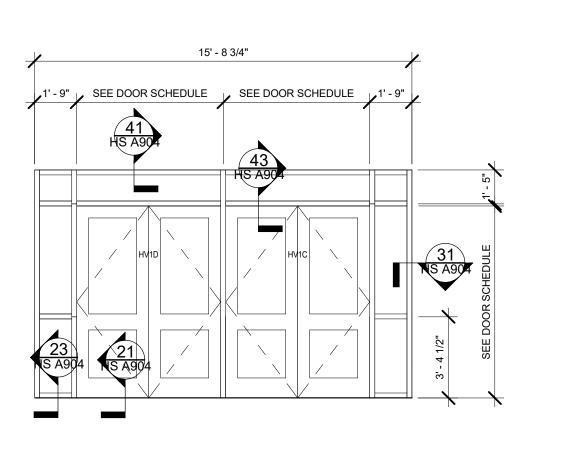
1/4" = 1'-0"



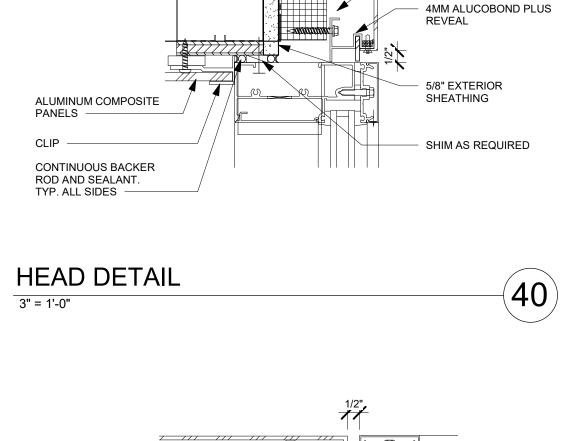








11 S-3 STOREFRONT ELEVATION



5/8" DENSE GLASS SHEATHING

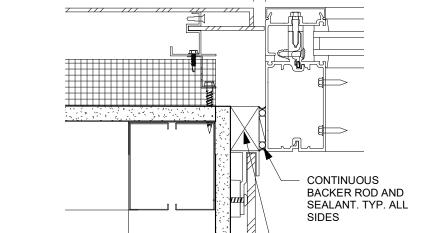
VAPOR BARRIER

AMC SYSTEM

EXTRUSIONS AND

ALUMINUM COMPOSITE

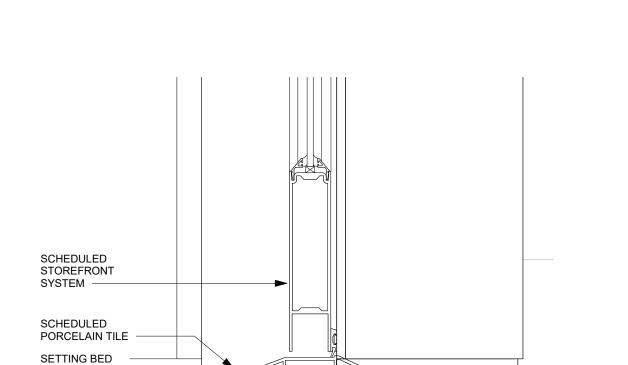
- CONTINUOUS INSULATION



- BLOCKING AS REQUIRED

ALUMINUM
 COMPOSITE PANEL

-(30)



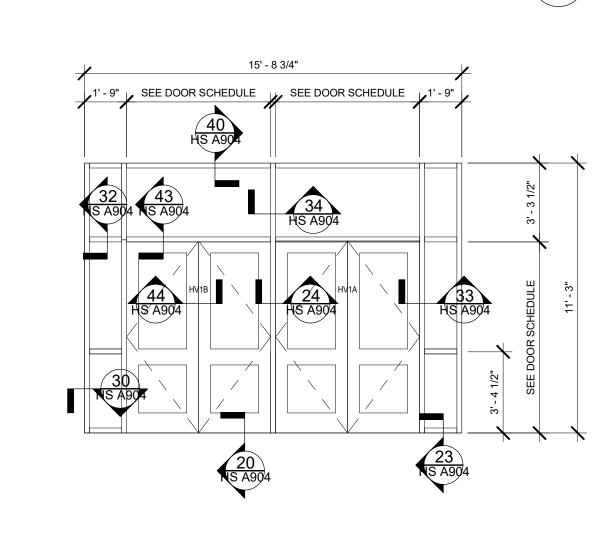
JAMB DETAIL

3" = 1'-0"

TILE TO CONCRETE 20 3" = 1'-0"

AS REQ-D

CONCRETE
SLAB



S-1 STOREFRONT ELEVATION -(10)1/4" = 1'-0"

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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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

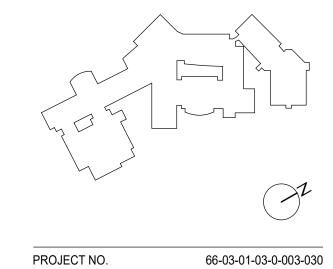
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NEW YORK, NY 10119

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SEAL	

KEY PLAN



MEMASI PROJECT NO. 102-2202

STOREFRONT **ELEVATIONS** AND DETAILS

HS A904

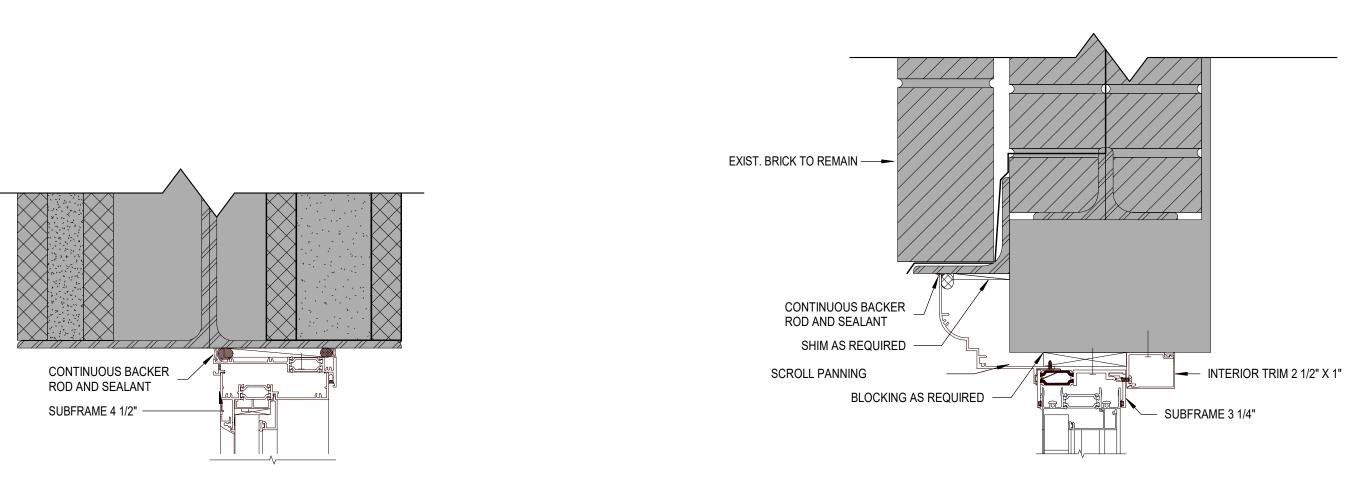
A. DO NOT SCALE THE DRAWINGS, NOTIFY ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING

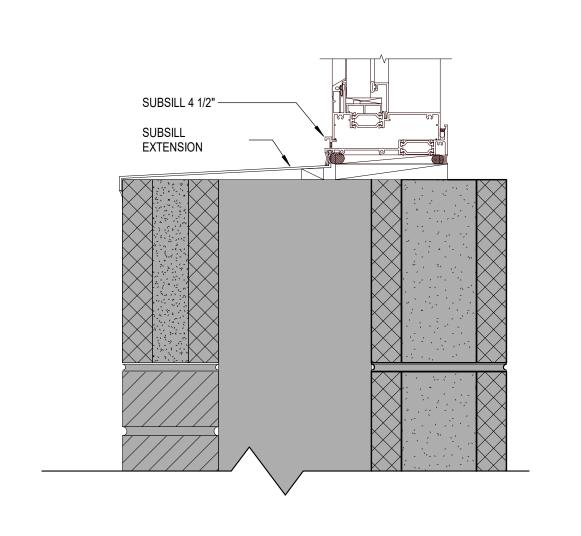
KEY NOTES

- REPAIR PLASTER AS A RESULT OF REMOVALS AND NEW WORK. WHERE WINDOWS ARE BEING REMOVED OR REPLACED, RESURFACE THE ENTIRE WINDOW OPENING AND WITH A 1/8" TWO-COAT VENEER. BASIS OF DESIGN IS USG DIAMOND VENEER BASECOAT AND VENEER FINISH. INSTALLATION SHALL MEET THE REQUIREMENTS OF USG-SA920 "PLASTER SYSTEMS", "DIAMOND BRAND VENEER
- WHERE WINDOWS ARE BEING REPLACED PAINT THE ENTIRE WINDOW OPENING TO MATCH ADJACENT
- ALL WOOD WINDOW SILLS, AT LOCATIONS WHERE WINDOWS ARE BEING REPLACED, SHALL BE SANDED DOWN TO WOOD, PREP FOR PAINT. COLOR TO BE SELECTED BY ARCHITECT
- NOTES FOR SUBSILL INSTALLATION:
- 1. ALL STACKS AND SUBSILLS MUST BE SET IN A BED OF SEALANT TO INSURE A WATERTIGHT SEAL. (INTERIOR AND EXTERIOR)
 - 2. FASTENER HEADS AT SILL MUST BE COVERED WITH SEALANT TO INSURE A WATERTIGHT SEAL
 - 3. END DAM SUBSILL WITH FLASHING MATERIAL. SEAL END DAM TO SUBSILL, THEN SEAL END DAM TO CONDITION, PER WINDOW MANUFACTURER INSTALLATION INSTRUCTIONS.
 - 4. FIELD WEEP 1/4" DIAMETER, 6" FROM JAMBS AND 5'-0" O.C. IF FRAME EXCEEDS 8'0" WIDE
- NOTES FOR SUBFRAME INSTALLATION:

MINIMUM UP EACH VERTICAL

- 1. TO INSURE A WATERTIGHT SEAL (EXTERIOR), BACK BED WITH SEALANT BEFORE THE WINDOW IS INSTALLED, OR CAP SEAL AFTER WINDOW IS INSTALLED
 - 2. TO INSURE A WATERTIGHT SEAL (INTERIOR), SET CLIP IN A BED OF SEALANT AND CAP SEAL 6"





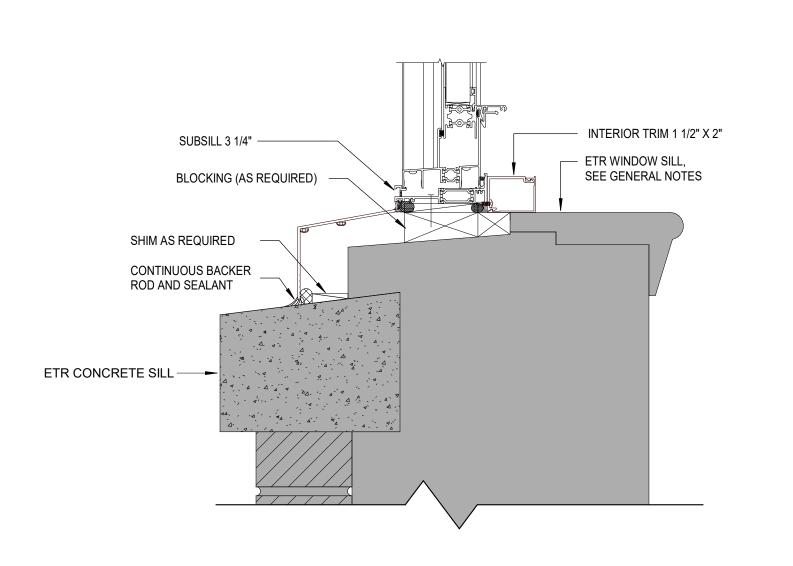
FIXED HEAD DETAIL



FIXED JAMB DETAIL

- CONTINUOUS BACKER ROD AND SEALANT

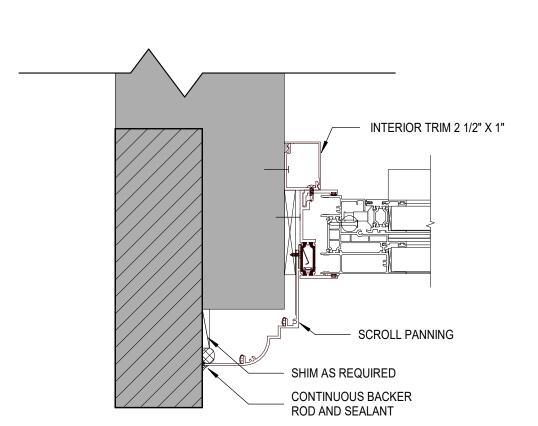
12



SINGLE HUNG SILL DETAIL

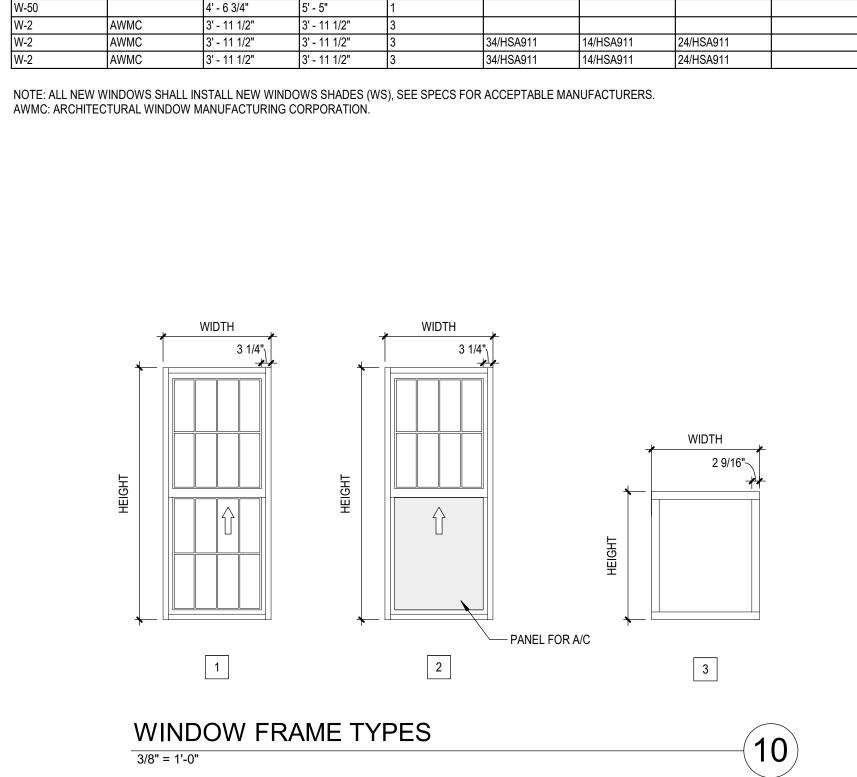
3" = 1'-0"

SINGLE HUNG HEAD DETAIL



SINGLE HUNG JAMB DETAIL





WINDOW SCHEDULE

WINDOW

HEIGHT

7' - 8 1/4"

7' - 8 1/4"

7' - 8 1/4"

7' - 8 1/4"

7' - 8 1/4"

7' - 8 1/4"

- 8 1/4"

7' - 8 1/4"

7' - 8 1/4"

7' - 8 1/4" - 11 3/4"

- 11 3/4"

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3' - 9 1/2"

3' - 9 1/2"

3' - 9 1/2"

3' - 9 1/2"

3' - 9 1/2"

3' - 10 3/4"

OPENING TYPE | MANUFACTURER | WINDOW WIDTH |

WINDOW FRAME

22/HSA911

22/HSA911

22/HSA911

22/HSA911

22/HSA911

22/HSA911

22/HSA911

23/HS A911

33/HS A911 33/HS A911

33/HS A911

33/HS A911

33/HS A911

33/HS A911

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EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

2 LYON PLACE WHITE PLAINS, NY 10601

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

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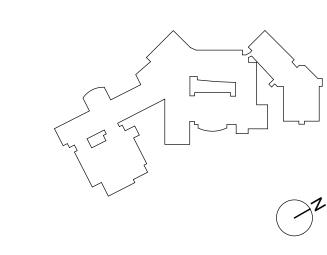
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SEAL	
BID SET	01/03/2

DATE

KEY PLAN

ISSUE



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

WINDOW SCHEDULE AND **DETAILS**

HS A911

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.

ABBREVIATIONS

ABP ACOUSTICAL BLADE PANELS
ACT ACOUSTICAL CEILING TILE
CFT CERAMIC FLOOR TILE
CPT CARPET TILE
CTB CERAMIC TILE BASE
CWT CERAMIC WALL TILE
GYP GYPSUM BOARD
LVT LUXURY VINYL TILE
BCON POUSHED CONCRETE

PCON POLISHED CONTROL PORT PAINT
PT PORCELAIN TO WOOD
WM WALK-OFF MARKENST EXISTING
TERR TERRAZZO POLISHED CONCRETE PAINT PORCELAIN TILE WOOD WALK-OFF MAT STAINLESS STEEL

FINISH LEGEND

INTERIOR FINISH TAG, REFER TO DETAILS AND ROOM FINISH SCHEDULE

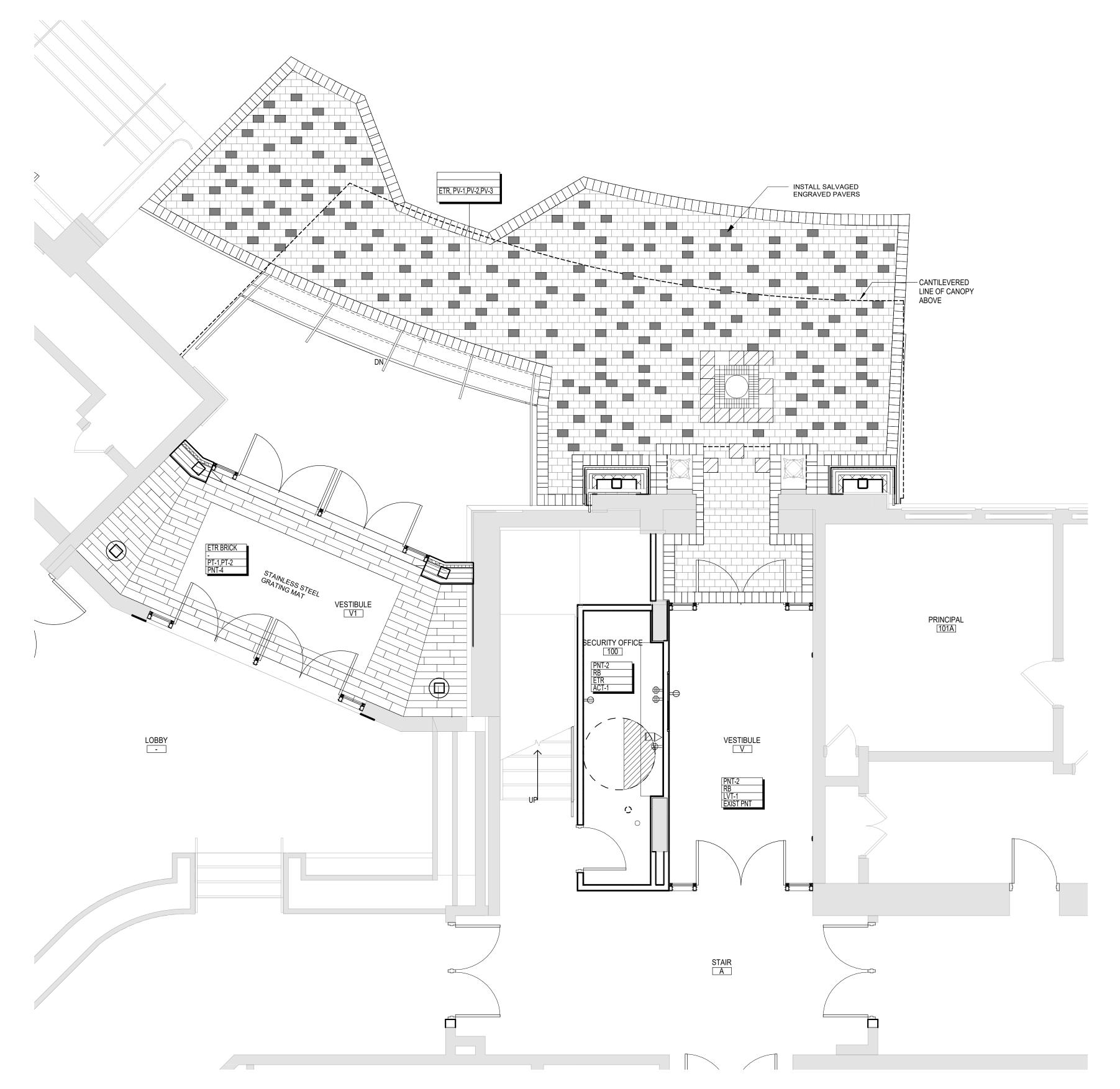
CHANGE IN FINISH MATERIAL

ENGRAVED PAVER 11 3/4" X 11 3/4"

ENGRAVED PAVER 8 3/4" X 5 3/4"

	ROOM FINISH SCHEDULE						
		FLOOR					
ROOM NUMBER	ROOM NAME	FINISH	BASE	WALL FINISH	ACCENT WALL	CEILING	COMMENTS
-	EXTERIOR	ETR, PV-1,PV-2,PV-3		DUT 4			SALVAGE ENGRAVED PAVERS
013	ART ROOM			PNT-1			
015	ART ROOM			PNT-1			
017	ART ROOM			PNT-1			
019	ART ROOM			PNT-1		107.0	No occ
68	CORR					ACT-2	NO OCC.
100	SECURITY OFFICE	ETR	RB	PNT-2		ACT-1	
100C	CORR			PNT-1			lua ana
100D	CORR					ACT-2	NO OCC.
107	CLASSROOM			PNT-1			
109	CLASSROOM			PNT-1			
111	CLASSROOM			PNT-1			
113	EARTH SCIENCE			PNT-1			
115	EARTH SCIENCE			PNT-1			
117	EARTH SCIENCE			PNT-1			
125	CLASSROOM	LVT-2	RB				
127	SCIENCE LAB	LVT-2	RB				
127A	PREP	LVT-2	RB				
128	CLASSROOM	LVT-2	RB				
129	SCIENCE LAB	LVT-2	RB				
130	CLASSROOM	LVT-2	RB				
207	CLASSROOM			PNT-1			
209	CLASSROOM	LVT-2	RB	PNT-1			
211	CLASSROOM			PNT-1			
213	CLASSROOM			PNT-1			
213A	SGI			PNT-1			
231	CLASSROOM	LVT-2	RB				
232	CLASSROOM	LVT-2	RB				
236	CLASSROOM	LVT-2	RB				
311	CLASSROOM	LVT-2	RB	PNT-1			
313	CLASSROOM	LVT-2	RB	PNT-1			
315	CLASSROOM	LVT-2	RB	PNT-1			
315A	WORK ROOM			PNT-1			
317	CLASSROOM	LVT-2	RB	PNT-1			
M04	CORRIDOR					ACT-2	NO OCC.
M234	CORRIDOR					ACT-2	
V	VESTIBULE	LVT-1	RB	PNT-2	N/A	EXIST PNT	
V1	VESTIBULE	PT-1,PT-2	-	ETR BRICK	N/A	PNT-4	

			SCHEDULE OF FINISH MATERIAL	.S		
TAG	MATERIAL	MANUFACTURER	STYLE / TYPE	COLOR	SIZE	NOTES
CWT-1	CERAMIC TILE	TBD	TBD	TBD	TBD	
PT-1	PORCELAIN TILE	DALTILE	VOLUME 1.0	ELECTRIC MOSS	6" x 24"	NEW VESTIBULE
PT-2	PORCELAIN TILE				12" X 24"	NEW VESTIBULE
LVT-1	LUXURY VINYL TILE	ARMSTRONG	TBD	TBD	TBD	EXISTING VESTIBULE
LVT-2	LUXURY VINYL TILE	ARMSTRONG	TBD	TBD	TBD	CLASSROOMS
CPT-1A	CARPET TILE	TBD	TBD	TBD	TBD	
PV-1	PAVER	TBD	TBD	TBD	8 3/4" X 5 3/4"	
PV-2	PAVER	TBD	TBD	TBD	8 3/4" X 5 3/4"	
PV-3	PAVER	TBD	TBD	TBD	24" X 24"	
ACT-1	ACT CEILING	CERTAINTEED CEILINGS	SAND MICRO	WHITE	24" x 24"	
ACT-2	ACT CEILING	CERTAINTEED CEILINGS	SAND MICRO	WHITE	24" X 48"	
PNT-1	PAINT	BENJAMIN MOORE	AFFINITY	FOSSIL		CLASSROOMS
PNT-2	PAINT	SHERWIN WILLIAMS	WHITES & PASTEL, LIVING WELL REFLECT	ON THE ROCKS		HALLWAYS
PNT-3	PAINT	SHERWIN WILLIAMS	NEUTRALS	PEPPERCORN		HS TRIM
PNT-4	PAINT	BENJAMIN MOORE	AFFINITY	STEAM		NEW VESITBULE CEILING
ABP	ACT	TBD	TBD	TBD	TBD	
RB	RUBBER BASE	ROPPE	TBD	TBD	TBD	
WS-1	WINDOW SHADE	TBD	TBD	TBD	TBD	



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

EASTCHESTER MIDDLE / HIGH SCHOOL

ARCHITECT

 $M \equiv M \wedge SI$ 2 LYON PLACE

WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM

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STAMFORD, CT 06905 SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

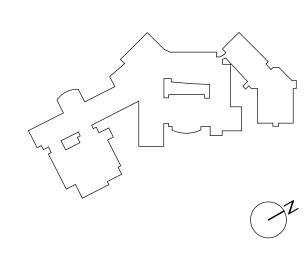
992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT WSP

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

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KEY PLAN



66-03-01-03-0-003-030 MEMASI PROJECT NO.

FINISH PLAN AND MATERIAL SCHEDULE

AF101-A

FINISH PLAN - VESTIBULE

1/4" = 1'-0"

1. ALL WORK SHALL CONFORM TO THE CODE & REFERENCE STANDARDS LISTED

2. THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL M/E/P/S DRAWINGS (INCLUDING ALL CONTRACT SHOP DRAWINGS) AND EQUIPMENT MANUFACTURERS TO ENSURE THAT OPENINGS, ANCHORS, INSERTS, SLEEVES, ATTACHMENTS, ETC. ARE PROVIDED AS REQUIRED. SOME OF THE DETAILS OF THE

WORK ARE SHOWN ON THESE DRAWING SHOULD BE CAREFULLY REVIEWED BY THE

CONTRACTOR TO FULLY COMPREHEND THE FULL SCOPE OF WORK.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND COORDINATING ALL DIMENSIONS WITH THE ARCHITECTURAL AND M/E/P/S DRAWINGS. IN CASE OF CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY REQUEST A CLARIFICATION FROM THE ARCHITECT/ENGINEER.

4. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO THE FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER.

5. IF ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THE DRAWINGS AND/OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER AND SHALL NOT PROCEED WITH ANY WORK THAT WOULD BE AFFECTED UNTIL FORMALLY DIRECTED BY THE ARCHITECT/ENGINEER ON HOW TO

6. THE CONTRACTOR SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER.

7. IN CASE OF CONFLICT BETWEEN NOTES, DETAILS AND SPECIFICATIONS, THE MOST

8. THIS STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPORTING AND STABLE AFTER CONSTRUCTION OF THE STRUCTURE HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. LACK OF COMMENT BY THE ARCHITECT/ENGINEER IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE ASPECTS OF WORK.

9. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISALIGNED OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. IF FAULTY CONSTRUCTION PROCEDURES OR MATERIALS RESULT IN DEFECTIVE WORK THAT REQUIRES ADDITIONAL ENGINEERING TIME TO DEVISE CORRECTIVE MEASURE. PROFESSIONAL FEES MAY BE CHARGED TO THE CONTRACTOR AT THE STANDARD HOURLY RATE OF ADDITIONAL SERVICES. SUCH FEES MAY BE WITHHELD FROM THE GENERAL CONTRACTOR'S PAYMENT.

10. DO NOT SCALE DRAWINGS.

STRINGENT REQUIREMENTS SHALL GOVERN.

BUILDING CODE & REFERENCED STANDARDS I. [2020 INTERNATIONAL BUILDING CODE 2020 NEW YORK STATE BUILDING CODE]

2. ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. <u>DESIGN CRITERIA</u> PER MATERIAL 2. FLOOR LIVE LOADS ROOF LIVE LOAD 1ST FLOOR CORRIDORS 100 PSF 3. SNOW LOADS GROUND SNOW LOAD, Pa = 20 PSF SNOW EXPOSURE FACTOR, Ce = 0.9 SNOW LOAD IMPORTANCE FACTOR, Is = 1.1 THERMAL FACTOR, Ct = 1.0 DRIFT SURCHARGE LOAD, Pd = N/A WIDTH OF SNOW DRIFT, w = FLAT-ROOF SNOW LOAD, Pf = 22 PSF 4. WIND LOADS 126 MPH ULTIMATE DESIGN WIND SPEED, Vult. = EXPOSURE CATEGORY = INTERNAL PRESSURE COEFFICIENT = 0.0018 COMPONENT & CLADDING PRESSURE = 35 PSF 5. SEISMIC LOADS RISK CATEGORY = SEISMIC IMPORTANCE FACTOR, le = SPECTRAL RESPONSE ACCEL, SHORT, Ss = 0.293 SPECTRAL RESPONSE ACCEL, 1 SECOND, S1 = 0.061 SITE CLASS = 0.306 DESIGN SPECTRAL RESPONSE, Sds = 0.061 DESIGN SPECTRAL RESPONSE, Sd1 = SEISMIC DESIGN CATEGORY BASIC SEISMIC FORCE-RESISTING SYSTEM = MOMENT FRAME DESIGN BASE SHEAR = 10 KIP SEISMIC RESPONSE COEFFICIENT, CS = 0.07 RESPONSE MODIFICATION COEFFICIENT, R = ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL 6. LATERAL EARTH PRESSURES EQUIVALENT LIQUID HEAD 40 PSF AT REST 60 PSF

E FOLLOWING WORK ITEMS REQUIRE SPECIAL INSPECTIONS IN ACCORDANCE WITH APPLICABLE BUILDING CODE SECTION NOTED. CODE SECTION -STEEL CONSTRUCTION BC 1705.2 BC 1705.2.1 -STRUCTURAL STEEL -COLD-FORMED STEEL DECK BC 1705.2.2

BEARING PRESSURE OF 1 TSF.

THE FOUNDATION HAS BEEN DESIGNED BASED ON INFORMATION PROVIDED IN 2020 NEW YORK STATE BUILDING CODE.

2. FOOTINGS/MATT FOUNDATION HAS BEEN DESIGNED FOR A MAXIMUM ALLOWABLE

3. ALL UNSUITABLE MATERIAL (BRICK FRAGMENTS, ASPHALT, CONCRETE BOULDER, ETC.) WITHIN THE BUILDING AREA AND EXCAVATION SHALL BE REMOVED FROM THE SITE. ALL WATER AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE BOTTOM OF THE EXCAVATION BEFORE COMPACTING SUBGRADE AND PACING CONCRETE OR GRANULAR FILL. 4. GRADE BEAMS AND PILE CAPS SHALL BE POURED OVER UNDISTURBED OR

COMPACTED NATIVE SOIL AND/OR GRANULAR FILL (IF REQUIRED).

5. COMPACTED GRANULAR FILL SHALL CONSIST OF BROKEN OR CRUSHED STONE, OR BANK OR CRUSHED GRAVEL AND SHALL CONSIST OF SOUND, TOUGH, DURABLE PARTICLES FREE FROM SOFT, THIN, ELONGATED OR LAMINATED PIECES AND FREE OF MUD, DIRT, VEGETATIVE OR OTHER DELETERIOUS SUBSTANCES GRADED AS

LOWS:	
<u>SQUARE MESH SIZE</u>	PERCENT PASSING BY WEIGH
PASS 3 ½"	100
PASS 1½"	55-100
PASS ¾"	40-65
PASS ¼"	25-60
PASS #10	15-45
PASS #40	5-25
PASS #200	0-5

6. THE COMPACTION EFFORT, WHERE REQUIRED, SHALL BE INSPECTED BY THE OWNER'S GEOTECHNICAL ENGINEER. MATERIAL REQUIRING COMPACTION SHALL BE PLACED IN MAXIMUM 8" LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE COMPACTED WITH APPROPRIATE EQUIPMENT TO A MINIMUM 95 % ITS MAXIMUM DENSITY AT OR NEAR OPTIMUM MOISTURE. NO LIFTS SHALL BE PLACED WHEN WEATHER CONDITIONS ARE SUCH THAT THE MOISTURE CONTENT OF THE MATERIAL CANNOT BE PROPERLY CONTROLLED.

7. ALL SOIL SURROUNDING AND UNDER NEW AND EXISTING FOUNDATIONS SHALL BE PROTECTED FROM FREEZING AND FROST ACTION THROUGHOUT THE COURSE OF CONSTRUCTION.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LIMITING POURS TO MINIMIZE SHRINKAGE CRACKING. WALL CONTRACTION AND/OR CONSTRUCTION JOINTS SHALL BE SPACED A A MAXIMUM DISTANCE OF 40'-0". SLAB CONTRACTION AND/OR CONSTRUCTION JOINTS SHALL BE SPACED AT A MAXIMUM DISTANCE OF 15'-0". THE LOCATION AND CONFIGURATION OF PROPOSED JOINTS SHALL BE COORDINATED WITH THE ARCHITECT AND THE STRUCTURAL ENGINEER.

9. CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, OPENINGS, ANCHOR BOLTS, ETC. AS REQUIRED FOR THE BUILDING STRUCTURE AND FOR THE WORK OF OTHER TRADES BEFORE SETTING FORMS. COORDINATE ALL REQUIREMENTS WITH THE ARCHITECTURAL AND M/E/P/S DRAWINGS.

10. VERTICAL CONSTRUCTION JOINTS IN WALLS SHALL BE USED ONLY WHEN UNAVOIDABLE AND SHALL BE LOCATED AT A MINIMUM 6'-0" FROM ANY SUPPORTING PIER OR BUTTRESS. EXCEPT WHERE SPECIFICALLY SHOWN ON THE DRAWINGS. NO HORIZONTAL CONSTRUCTION JOINTS OTHER THAN THOSE SHOWN ON THE DRAWINGS WILL BE ALLOWED.

11. ALL REQUIRED UNDERPINNING, SHEETING, SHORING OR OTHER SIMILAR EXCAVATION CONSTRUCTION ACTIVITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE THE SUBJECT OF CONTROLLED INSPECTIONS AS REQUIRED BY THE REFERENCED BUILDING CODE. THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK TO PROVIDE ALL NECESSARY DESIGNS AND REQUIRED INSPECTIONS. CONTRACTOR SHALL SUBMIT SIGNED & SEALED DRAWINGS OF SUCH DESIGNS TO THE ENGINEER OF RECORD TO

12. ALL EXISTING FOUNDATIONS AND EXISTING CONDITIONS DEPICTED ON THE DRAWINGS ARE BASED ON LIMITED FIELD OBSERVATIONS. ANY UNUSUAL CONDITIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD.

REVIEW.

13. AT NO TIME SHALL BULLDOZERS, TRUCKS OR OTHER HEAVY EQUIPMENT BE PERMITTED CLOSER THAN 8'-0" TO ANY FOUNDATION WALL.

14. CONFORM TO ALL BUILDING CODE PROVISIONS AND OSHA REQUIREMENTS REGARDING THE BRACING, SHEETING, SHORING ETC. OF EXCAVATIONS.

CONCRETE SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ACI-318, "MINIMUM REQUIREMENTS FOR STRUCTURAL CONCRETE", LATEST EDITION.

2. CONCRETE MIX SHALL BE DESIGNED BY A CERTIFIED LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER.

5.	THE FOLLOWING MI	X PARAMETERS SHALL B	E USED:	
	<u>ELEMENT</u>	28 DAY STRENGTH	<u>W/C</u>	AIR CONTENT
	FOOTINGS	4,000 PSI	0.45	6% ± 1.5%
	FDN. WALLS	4,000 PSI	0.45	6% ± 1.5%
	EXT. SLAB	4,000 PSI	0.45	6% ± 1.5%
	STRUCT. SLABS	4,000 PSI	0.45	LESS THAN 3%

4. UNLESS OTHERWISE NOTES. CONCRETE SHALL BE NORMAL WEIGHT (145 PCF) USING HARDROCK AGGREGATES. AGGREGATES USED IN CONCRETE SHALL CONFORM TO ASTM C33, CONCRETE AGGREGATES.

5. WATER USED IN CONCRETE WORK SHALL BE CLEAN AND POTABLE.

6. PORTLAND CEMENT SHALL CONFORM TO ASTM C150. ALL CONCRETE SHALL BE ALL TYPE II. MAXIMUM CHLORIDE ION, PERCENT BY WEIGHT OF CEMENT, SHALL BE

7. CONCRETE MIXING, PLACEMENT AND QUALITY SHALL BE PER IBC SECTION 1905, ASTM C94, ASTM C685, AND ACI 302. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT SLABS ON GRADE NEED ONLY BE VIBRATED OR THOROUGHLY RODDED AROUND EMBEDDED STRAPS OR HARDWARE, BOLTS FOR HOLDOWNS, PT ANCHORAGES (IF NECESSARY), CURBS AND EDGES OF SLAB STEPS

AND UNDER FLOOR DUCTS OR SIMILAR ELEMENTS. 8. CONFORM TO ACI HOT AND COLD WEATHER CONCRETING REQUIREMENTS, ACI 305 AND ACI 306, LATEST REVISIONS.

9. CONCRETE FORMWORK SHALL BE FREE OF DEBRIS AND OIL TO ALLOW FOR PROPER REMOVAL. FORMWORK SHALL REMAIN IN PLACE FOR A MINIMUM OF 7 DAYS FOR WALL FORMS AND 21 DAYS FOR BEAM FORMS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. AFTER SUCH TIME, ALL FORMWORK SHALL BE

10. REINFORCING FOR CONCRETE SHALL BE DEFORMED BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.

11. WHERE SPECIFICALLY INDICATED ON DRAWINGS, REINFORCING REQUIRING EPOXY SHALL CONFORM TO ASTM A934-07. 12. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WITH A MINIMUM

YIELD STRENGTH OF 75 KSI. LAP ONE MESH SIZE AT SIDES AND ENDS. AND WIRE TOGETHER. WELDED WIRE FABRIC SHALL BE SUPPLIED IN SHEETS ONLY. 13. ALL ITEMS CAST IN SLAB, SUCH AS REINFORCEMENT, PIPLES, SLEEVES, ETC. SHALL BE SECURED PRIOR TO PLACING CONCRETE.

14. CONCRETE SHALL BE PLACED IN A MANNER TO AVOID SEGREGATION OF AGGREGATES. UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 5 FEET.

15. PIPES OTHER THAN ELECTRICAL CONDUITS SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY THE ENGINEER. MAXIMUM PIPE SIZE SHALL NOT EXCEED 1/3 OF THE SLAB THICKNESS AND BE LOCATED IN THE MIDDLE THIRD OF THE SLAB. MINIMUM SPACING SHALL BE 3 TIMES THE PIPE DIAMETER. PIPES SHALL NOT IMPAIR THE STRENGTH OF THE MEMBER.

16. CONCRETE SLABS SHALL BE PROTECTED FROM LOSS OF SURFACE MOISTURE FOR NOT LESS THAN 7 DAYS BY USING A CURING COMPOUND CONFORMING TO ASTM C-309 OR BY WET BURLAP OR A PLASTIC MEMBRANE.

17. SHOP DRAWINGS FOR STEEL REINFORCEMENT SIZE AND LOCATIONS, FORMWORK, SHORING AND RE-SHORING MEMBERS SHALL BE SUBMITTED TO ENGINEER OF RECORD.

. ALL MASONRY WORK SHALL CONFORM TO ACI 530, MINIMUM REQUIREMENTS FOR "BUILDING CODE REQUIREMENTS & SPECIFICATION FOR MASONRY STRUCTURES". 2. COMPRESSIVE STRENGTH OF MASONRY BLOCK UNITS, F'm, SHALL BE 1,900 PSI MINIMUM.

3. CONCRETE BLOCK SHALL BE HOLLOW LOAD BEARING MASONRY UNITS CONFORMING TO ASTM C90, TYPE N-1, WITH A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 1,900 PSI ACCORDING TO SECTION 2105.2.2.1.2 OF THE IBC. UNITS SHALL BE PROTECTED FROM MOISTURE ABSORPTION.

4. PORTLAND CEMENT USED IN THE MORTAR AND GROUT SHALL CONFORM TO ASTM C150. MASONRY CEMENT OR MORTAR CEMENT SHALL NOT BE USED. 5. MORTAR SHALL BE TYPE S CONFORMING TO THE VOLUMETRIC PROPORTIONS SET FORTH IN ASTM C270 AND THE PROVISIONS OF THE GOVERNING BUILDING CODE. USE 1 PART PORTLAND CEMENT, 0.25-0.5 PARTS HYDRATED LIME OR LIME PUDDY, AGGREGATE. MEASURED IN A LOOSE, DAMP CONDITION SHALL BE 2.25-3 TIMES THE SUM OF THE VOLUMES OF CEMENT AND LIME/LIME PUDDY. ADD WATER TO PRODUCE WORKABLE MIX.

6. COARSE GROUT USED IN PILASTERS AND WALLS SHALL CONFORM TO THE VOLUMETRIC PROPORTIONS SET FORTH IN ASTM C476. USE ONE PART PORTLAND CEMENT, 2.25-3 PARTS DAMP, LOOSE SAND, 1-2 PARTS %" PEA GRAVEL. ADD WATER TO PRODUCE A FLOWABLE MIX WITH AN 8 TO 11 INCH SLUMP.

7. STEEL REINFORCING BARS SHALL CONFORM TO ASTM A615. GRADE 60. REINFORCING BARS TO BE LAPPED 48 BAR DIAMETERS AT SPLICES. REINFORCEMENT TO BE SECURED AGAINST DISPLACEMENT AT SPACING NOT EXCEEDING 200 BAR DIAMETERS.

8. JOINT (HORIZONTAL) REINFORCEMENT SHALL BE W1.7 (9 GAGE) WIRE, LADDER TYPE, DUR-O-WALL, OR AN APPROVED EQUAL. PLACE JOINT REINFORCEMENT IN EVERY SECOND COURSE (16" O.C.). JOINT REINFORCEMENT SHALL BE LAPPED 6 INCHES AT SPLICES.

9. PLACE UNITS WHILE MORTAR IS SOFT AND PLASTIC. REMOVE AND RELAY FRESH MORTAR AT ANY UNIT DISTURBED TO THE EXTENT THAT INITIAL BOND IS BROKEN AFTER INITIAL POSITIONING.

10. FULLY BED UNITS IN ALL SHEARWALLS INCLUDING CROSS WEBS.

EXIST. BUILDING SHALL BE GROUTED SOLID. 12. ALL PARAPET WALLS SHALL BE GROUTED SOLID.

13. ALL CELLS WITH REINFORCING BARS OR BOLTS SHALL BE GROUTED SOLID. 14. VERTICAL CELLS TO BE GROUTED SOLID SHALL HAVE A MINIMUM CLEAR OPENING OF 3"x2 1/2". THE ENTIRE PERIMETER OF THE CELL SHALL BE FULLY BEDDED WITH MORTAR.

11. WALLS MARKED AS FIREWALL ON ARCH. DRAWING, OR WALLS WITHIN 8" OF

15. CONSOLIDATE GROUT POURS EXCEEDING 12 INCHES IN HEIGHT BY MECHANICAL VIBRATION AND RECONSOLIDATE BY MECHANICAL VIBRATION AFTER INITIAL WATER ABSORPTION AND SETTLEMENT HAS OCCURRED. GROUT POURS EXCEEDING 5 FEET ARE HIGH LIFT POURS REQUIRING CLEANOUTS AND SHALL BE INSTALLED IN LIFTS NOT EXCEEDING 5 FEET.

16. MASONRY OPENING LINTELS HAVE BEEN DESIGNED ON THE BASIS OF ARCHING ACTION OF THE COMPLETED WALL. LINTELS REQUIRE TEMPORARY SUPPORT UNTIL THE MORTAR HAS ACHIEVED THE SPECIFIED STRENGTH.

17. COVER THE TOPS OF ALL MASONRY CONSTRUCTION TO PROTECT AGAINST PRECIPITATION.

18. MASONRY SHALL NOT BE CONSTRUCTED IN TEMPERATURE BELOW 40°F.

PROVIDE A HEAT SOURCE AND PROTECTION AS REQUIRED TO MAINTAIN TEMPERATURE ABOVE 40°F IN ACCORDANCE WITH ACI 530. 19. HOT WEATHER CONSTRUCTION TECHNIQUES, ACI 530.1, SECTION 1.8D, SHALL

BE IMPLEMENTED WHEN THE AMBIENT AIR TEMPERATURE EXCEEDS 100°F, OR 90°F

STRUCTURAL STEEL SHAPES SHALL HAVE THE FOLLOWING PROPERTIES: (Fy= 50 KSI) WIDE FLANGE ASTM A992 (Fy= 36 KSI) ANGLES & CHANNELS ASTM A36 ASTM A36 (Fy= 36 KSI)HOLLOW STRUCTURAL SHAPES ASTM A500, Gr. C (Fy= 50 KSI)

2. SHOP DRAWINGS PREPARED UNDER THE SUPERVISION OF A LICENSED STRUCTURAL ENGINEERING, INCLUDING COMPLETE DETAILS FOR THE FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS, PROCEDURES AND DIAGRAMS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE STEEL FABRICATOR SHALL BE AISC QUALITY CERTIFIED CATEGORY 1 OR 2.

3. ALL BOLTS SHALL BE 34" Ø MIN. TYPE-x U.N.O. AND CONFORM TO ASTM A325. BOLTS SHALL BE HEAVY HEX WIT HEAVY HEX NUTS AND PLAIN HARDENED WASHERS CONFORMING TO ASTM F436.

4. WHERE CONNECTIONS ARE NOT SPECIFICALLY DETAILED ON THE DRAWINGS. CONNECTIONS SHALL BE DESIGNED BY THE STEEL DETAILER FOR THE FOLLOWING REACTIONS:

LRFD: Ø*Zxx*Fy (KIP-IN) ASD: Sxx*Fy/Ω LRFD & ASD: $2*Zxx*FY/(\Omega*BEAM LENGTH)$

MOMENT:

IF THE WIND SPEED EXCEEDS 8 MPH.

5. WHERE STEEL MEMBERS ARE SPECIFIED TO BE SPLICED. THE SPLICE SHALL BE DESIGNED BY THE STEEL DETAILER TO DEVELOP THE FULL CAPACITY OF THE SECTION UNLESS FORCES AT THE SPLICE LOCATION ARE SPECIFIED ON THE DRAWINGS. SUCH SPLICES SHALL NOT INTERFERE WITH ANY ARCHITECTURAL OR MECHANICAL CLEARANCES. ALL SPLICE DETAILS AND LOCATIONS SHALL BE SHOWN ON THE SHOP DRAWINGS. WHERE SPLICES NOT SPECIFIED ON THE DRAWINGS AR PROPOSED BY THE CONTRACTOR, THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE ENGINEER.

6. ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES". LATEST EDITIONS.

7. ALL BOLTING SHALL CONFORM TO THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS" SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", LATEST EDITIONS.

8. ALL WELDING SHALL CONFORM TO AWS CODE D1.1 "STRUCTURAL WELDING CODE STEEL", LATEST EDITION. 9. ALL STRUCTURAL STEEL SHALL BE CLEANED IN ACCORDANCE WITH THE STEEL

STRUCTURES PAINTING COUNCIL SPECIFICATION SP-3-82 FOR POWER TOOL CLEANING AND PAINTED TO A MINIMUM DRY FILM THICKNESS OF 2 MILS WITH A SHOP COAT OF TNEMEC #10-99 ALKYD RUST INHIBITIVE PRIMER AS MANUFACTURED BY TNEMEC COMPANY, INC. KANSAS CITY, MO, OR APPROVED EQUAL.

10. ALL STRUCTURAL STEEL PLATES, BOLTS, NUTS, WASHERS, ETC. AS PART OF EXPOSED EXTERIOR STEEL DUNNAGE OR OTHER MEMBERS NOTED ON THE DRAWINGS TO BE GALVANIZED SHALL BE HOT-DIP GALVANZIED AFTER FABRICATION CONFORMING TO ASTM A123 AND A153. TRIMMED ENDS OF STEEL AND DISTURBED SURFACES SHALL RECEIVE A BASE COAT OF Z.R.C. COLD GALVANIZING COMPOUND MANUFACTURED BY Z.R.C. CHEMICAL PRODUCTS INC., QUINCY, MA, OR EQUAL AND A TOP COAT OF ALUMINUM BASED PAINT.

11. ALL GROUT FOR BASE PLATES AND ANCHOR BOLTS SHALL BE NON-METALLIC AND OF NON-SHRINKAGE TYPE WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS.

12. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION CONFORMING TO ASTM A123 & A153.

13. ALL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE DOVETAIL ANCHORS AT 1'-4" O.C. MAXIMUM OR THE EQUIVALENT INSTALLED UNLESS OTHERWISE NOTED ON THE DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS. 14. REFER TO THE ARCHITECTURAL AND M/E/P/S DRAWINGS FOR OTHER REQUIRED

MISCELLANEOUS STEEL. 15. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY GUYING AND BRACING

ALL STRUCTURAL STEEL TO MAINTAIN SAFETY, STABILITY AND ALIGNMENT DURING ALL PHASES OF CONSTRUCTION, AND SPECIFICALLY DURING CONCRETE OPERATIONS. SUCH BUYING AND BRACING SHALL REMAIN IN PLACE UNTIL THE STRUCTURE HAS ATTAINED ADEQUATE STRENGTH. 16. ALL STRUCTURAL STEEL WORK SHALL BE INSPECTED BY A LICENSED CERTIFIED

TESTING AGENCY HIRED BY THE OWNER. ALL INSPECTIONS SHALL BE IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND GENERALLY ACCEPTED INDUSTRY PRACTICE. THE CONTRACTOR SHALL PROVIDE CERTIFIED LABORATORY MATERIAL CERTIFICATES FOR EACH DELIVERY OF MATERIAL BROUGHT TO THE SITE. CERTIFIED REPORTS PREPARED BY THE TESTING AGENCY SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW THAT ATTEST TO THE COMPLETENESS AND ADHERENCE OF THE WORK TO THE CONTRACT DOCUMENTS BY THE CONTRACTOR.

STEEL DECK

1. STEEL DECK SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE CURRENT SPECIFICATION OF THE STEEL DECK INSTITUTE.

2. ALL STEEL DECK SHALL BE MANUFACTURED BY UNITED STEEL DECK, INC., OR APPROVED EQUAL. REFER TO HE DRAWINGS FOR TYPE, GAGE AND DEPTH OF DECKING AS WELL AS TOTAL SLAB THICKNESS (WHERE CONCRETE COVER IS SPECIFIED).

3. THE STEEL DECK SHALL BE SUPPLIED IN MINIMUM LENGTHS AS REQUIRED TO PROVIDE A "2-SPAN" CONDITION UNLESS OTHERWISE NOTED OR SHOWN ON PLAN. PROVIDE ALL CLOSURES, ROOF SUMPS, POUR STOPS AND ALL OTHER ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.

4. PROVIDE HEAVIER GAGE STEEL DECK THAN THAT SPECIFIED IF REQUIRED FOR HEAVIER CONSTRUCTION LOADING.

5. UNLESS OTHERWISE NOTED ON THE DRAWINGS, STEEL FLOOR AND ROOF DECK SHALL BE WELDED TO SUPPORTING STEEL WITH %" Ø PUDDLE WELDS AT 1'-0" O.C. INTERMEDIATE SIDE CONNECTIONS SHALL BE MADE WITH #10 SELF-TAPPING SCREWS AT A MIDSPAN OR 3'-0" O.C., WHICHEVER IS SMALLER. THE DECK MANUFACTURER'S RECOMMENDATION FOR FASTENING SHALL GOVERN IF MORE STRINGENT AND APPROVED BY THE ENGINEER.

6. STEEL DECK SHALL BE PROTECTED BEFORE AND AFTER ERECTION AND ALL DEBRIS SHALL BE CLEANED FROM ITS SURFACE WHERE CONCRETE WILL BE POURED. OR ROOFING/INSULATION IS TO BE PLACED.

7. SHOP DRAWINGS INDICATING THE GAGE, SIZE, TYPE, LENGTH AND SHOWING THE LAYOUT OF EACH PIECE OF DECKING SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. SHOP DRAWINGS SHALL CLEARLY SHOW ALL FASTENING/WELDING DETAILS TO SUPPORTING STRUCTURAL MEMBERS. SIDE LAP CONNECTION DETAILS, SUPPLEMENTARY SUPPORT/REINFOREMENT STEEL AND THE LOCATION OF ALL REQUIRED DECK OPENING/PENETRATIONS AS REQUIRED.

8. COORDINATE DECKING WITH ARCHITECTURAL AND M/E/P/S DRAWINGS AND REQUIREMENTS.

9. UNLESS OTHERWISE DIRECTED ON PLAN, ALL AREAS WITH EXPOSED CEILINGS SHALL HAVE ACOUSTICAL DECK TO MATCH PROPERTIES OF DECK SPECIFIED.

STRUCTURAL ABBREVIATIONS

L.W.=LIGHT WEIGHT A.B.=ANCHOR BOLT L.W.C.=LIGHT WEIGHT CONCRETE B.=BOTTOM L.L.V.=LONG LEG VERTICAL - B/=BOTTOM OF

L.P.=LOW POINT BM.=BEAM MAS.=MASONRY BRG.=BEARING

MTL.=METAL BLK.=BLOCK B.O.F.=BOTTOM OF FOUNDATION NF.=NEAR FACE N.W.C.=NORMAL WEIGHT CONCRETE BOT.=BOTTOM

- N.I.C.=NOT IN CONTRACT B.P.=BASE PLATE O.C.=ON CENTER BRKT.=BRACKET O.D.=OUTSIDE DIAMETER CANT.=CANTILEVER

OPNG.=OPENING C.I.P.=CAST-IN-PLACE - P.C.=PILE CAP CLR.=CLEAR PL.=PLATE COL.=COLUMN

PT.=POINT CONC.=CONCRETE C.M.U.=CONCRETE MASONRY UNIT P.T.=PRESSURE—TREATED PVC.=POLYVINYL CHLORIDE CONST. JT.=CONSTRUCTION JOINT - PSF.=POUNDS PER SQUARE FOOT CONT.=CONTINUOUS

- PSI.=POUNDS PER SQUARE INCH C.J.=CONTROL JOINT DEPR.=DEPRESSION R.=RADIUS REINF.=REINFORCED DET.=DETAIL D.L.=DEVELOPMENT LENGTH RETG.=RETAINING

RET.=RETURN DIA.=DIAMETER R.E.=RIGHT END DIM.=DIMENSION SECT.=SECTION DIR.=DIRECTION S.C.=SHEAR CONNECTOR DWLS.=DOWELS SHT.=SHEET EA.=EACH

- S.L.V.=SHORT LEG VERTICAL E.E.=EACH END SIM.=SIMILAR E.F.=EACH FACE - S.O.G.=SLAB ON GRADE E.J.=EXPANSION JOINT S.L.=SPLICE LENGTH - E.S.=EACH SIDE

SQ.=SQUARE EQ.=EQUAL STD.=STANDARD E.W.=EACH WAY STL.=STEEL EXIST.=EXISTING - S.D.I.=STEEL DECK INSTITUTE EXST.=EXISTING - FXP. BOLT=FXPANSION BOLT - S.F.=STEP FOOTING OR SQUARE FOOT

STIFF.=STIFFENER EXP.JT.=EXPANSION JOINT STR.=STRUCTURAL F.F.=FAR FACE SUP.=SUPPORT FT.=FOOT OR FEET SYM.=SYMMETRICAL FIN.=FINISH - THK.=THICK OR THICKNESS FL.=FLOOR THRD.=THREADED FTG.=FOOTING

T&B.=TOP AND BOTTOM FND.=FOUNDATION T.=TOP GALV.=GALVANIZED – T/=TOP OF GA.=GAUGE GR.=GRADE TO.=TOP OF G.B.=GRADE BEAM - T.O.C.=TOP OF CONCRETE

- G.P.=GUSSFT_PLATE T.O.F.=TOP OF FOUNDATION HI.=HIGH - T.O.S.=TOP OF STEEL H.L.=HUNG LINTEL - T.O.W.=TOP OF WALL HT.=HEIGHT TYP.=TYPICAL U.N.O.=UNLESS NOTED OTHERWISE H.P.=HIGH POINT

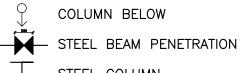
 H.S.=HIGH_STRFNGTH - U.O.N.=UNLESS OTHERWISE NOTED H.E.F.=HORIZONTAL EACH FACE US.=UNDERSIDE H.I.F.=HORIZONTAL INSIDE FACE V.E.F.=VERTICAL EACH FACE H.O.F.=HORIZONTAL OUTSIDE FACE V.I.F.=VERIFY IN FIELD

HOR.=HORIZONTAL V.O.F.=VERTICAL OUTSIDE FACE W.W.F.=WELDED WIRE FABRIC IN.=INCH I.D.=INSIDE DIAMETER - W.W.M.=WELDED WIRE MESH – INV.=INVERT − W/=WITH JT.=JOINT W.P.=WORKING POINT JST.=JOIST

STRUCTURAL SYMBOLS MOMENT CONNECTION COLUMN ABOVE

K.=KIP (1000 POUNDS)

LO.=LOW



STEEL COLUMN

SPAN DIRECTION

CHANGE IN STRUCTURE ELEVATION

MOMENT VALUE IN K-FT

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND **PROJECT**

EASTCHESTER MIDDLE / HIGH SCHOOL

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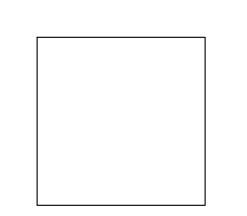
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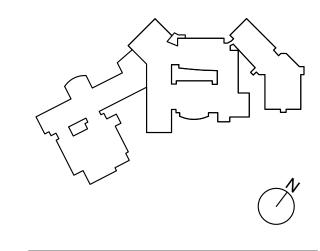


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SEAL

KEY PLAN

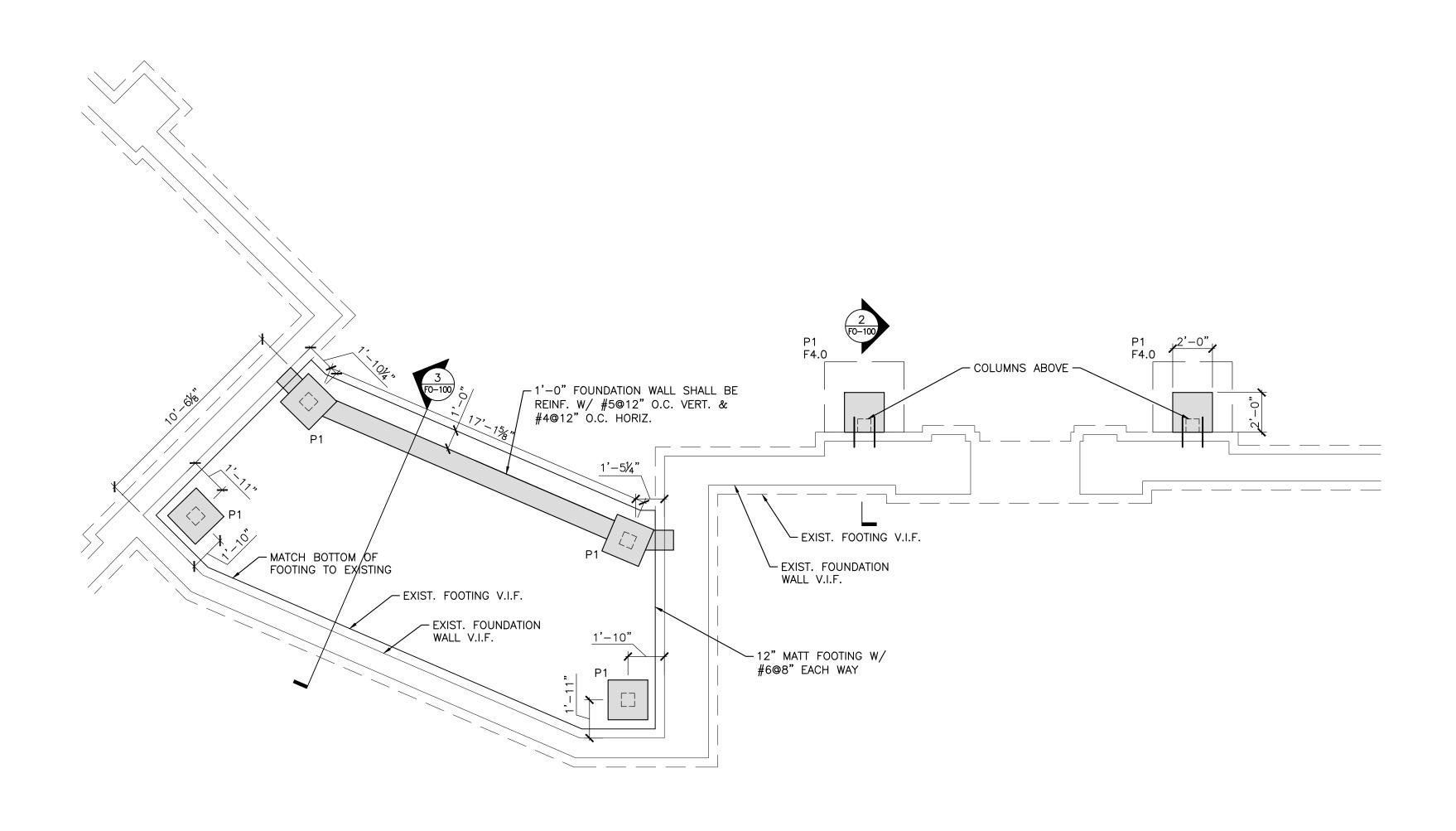
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ISSUE	DATE



SED PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO 102-2202

GENERAL NOTES

HS S-001



1 FOUNDATION PLAN
FO-100 SCALE: $1/4" = 1'-0"$
NOTES:
1. FOOTING SHALL BE A MINIMUM OF 3'-0" BELOW FINISH GRADE UNLESS OTHERWISE NOTED.
2. MATCH THE BOTTOM OF NEW FOOTING TO EXISTING FOOTING.
3. SEE FOOTING SCHEDULE FOR SIZE AND REINFORCEMENT.
4. NEW FOUNDATION MATERIAL SHALL BE PLACED ON COMPACTED SUB-GRADE. WITH A MINIMUM BEARING CAPACITY OF 1 TONS PER SQUARE FOOT.
5. TOP OF PIER SHALL BE 10" BELOW TOP OF SLAB.

		PII	ER SCHEDU	JLE	
MADIZ	SI	ZE	REIN	IFORCEMENT	DEMARKS
MARK	WIDTH	LENGTH	VERT.	STIRRUPS	REMARKS
P1	24"	24"	12-#5	#4@12" O.C.	N/A

SIZE

(WxL)

1'-6"xCONT.x1'-0"

4'-0"x4'-0"x1'-6"

F1.5 CONT.

FOOTING SCHEDULE

4-#5 8-#5

REINFORCEMENT

LONG DIR. SHORT DIR.

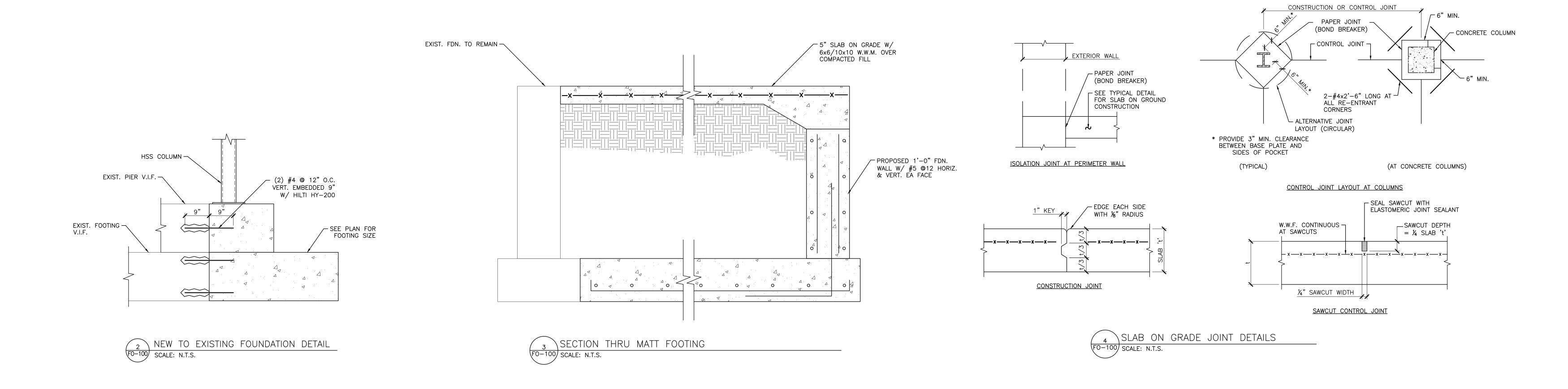
#5@12" O.C.

8-#5

REMARKS

N/A

N/A



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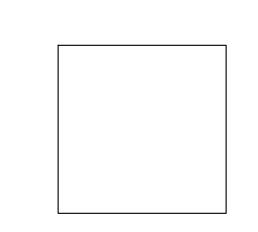
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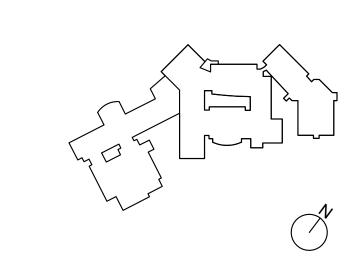
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SEAL

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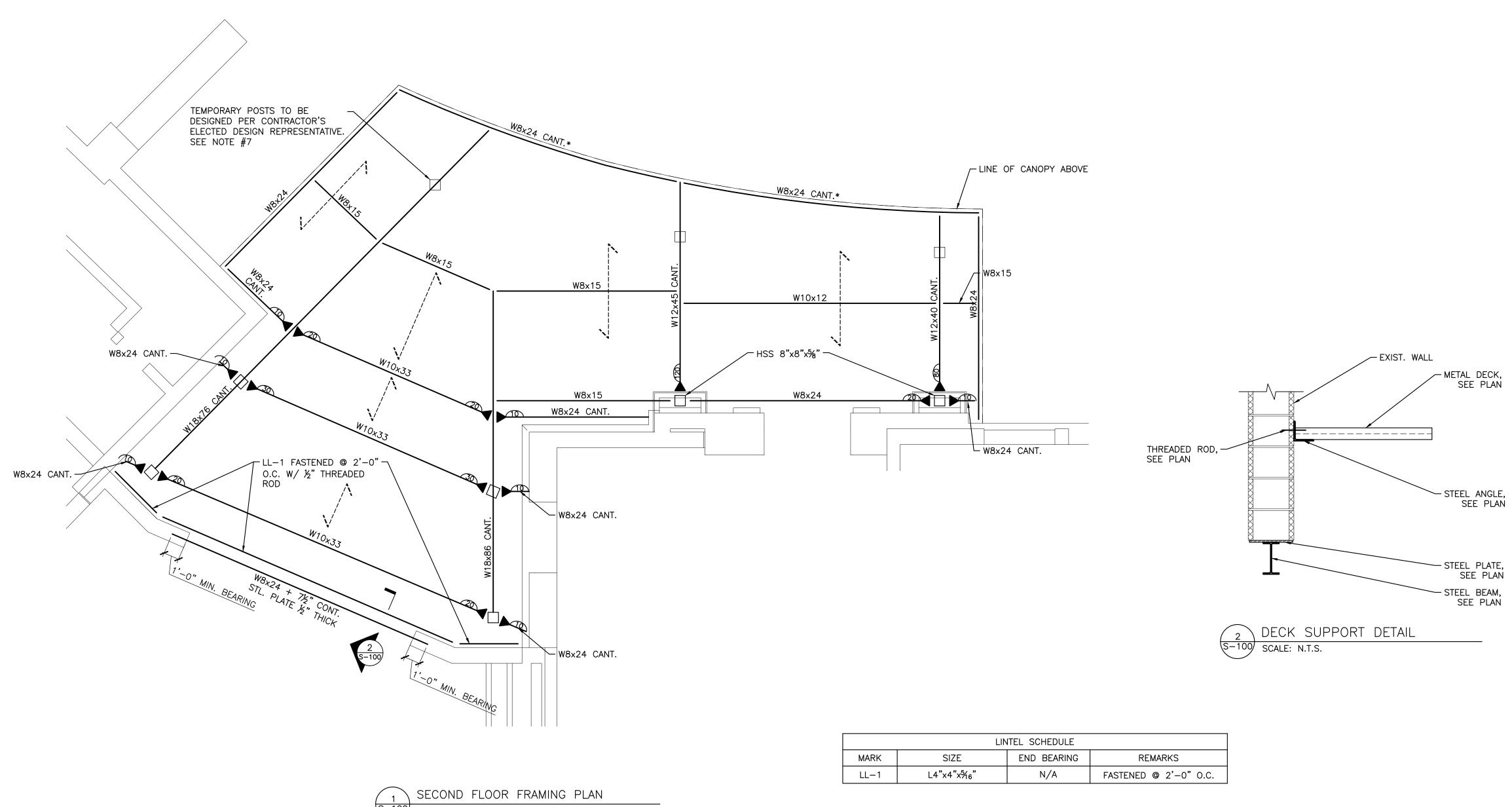
KEY PLAN



SED PROJECT NO.	66-03-01-03-0-003-03
MEMASI PROJECT NO.	102-2202

FOUNDATION PLAN

HS FO-100



S-100 SCALE: 1/4" = 1'-0"

1. HSS COLUMNS TO BE 8x8x1/4 UNLESS NOTED OTHERWISE.
2. "----" INDICATES 1.5" B 18GA. METAL DECK.

- 2. "²---," INDICATES 1.5" B 18GA. METAL DECK.
 3. "▶" INDICATES MOMENT CONNECTION.
- 4. "#\" INDICATES APPLIED MOMENT (ASD), SEE NOTE #9 AND S-500 FOR CONNECTION DETAILS.

 5. BEAMS MARKED (*) SHALL BE CURVED TO FOLLOW CANOPY EDGE. SEE ARCH. DRAWING FOR LAYOUT.
- 6. T/STEEL ELEVATION SHALL BE 15'-1½" UNLESS NOTED OTHERWISE.
 7. TEMPORARY POSTS SHALL BE DESIGNED TO RESIST 20 KIPS OF VERTICAL LOAD AND SHALL HAVE ADEQUATE FOUNDATION TO PREVENT DEFLECTION OF PERMANENT CANOPY STRUCTURE. TEMPORARY POSTS SHALL REMAIN UNTIL ALL STEEL HAS BEEN ERECTED AS SHOWN ON PLAN AND MOMENT CONNECTIONS HAVE BEEN INSTALLED AND SIGNED-OFF BY SPECIAL INSPECTOR.
- 8. SEE S-500 FOR TYPICAL STEEL DETAILS.
 9. CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATORS LICENSED PROFESSIONAL ENGINEER. CONNECTION DESIGN IS NOT INCLUDED IN RTE SCOPE OF WORK.

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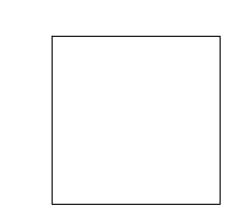
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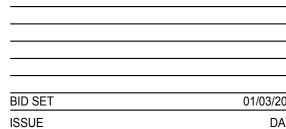
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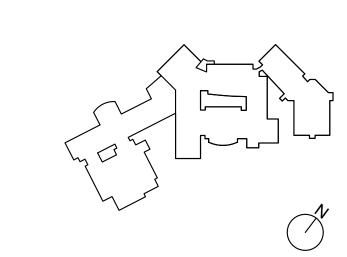


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SE



KEY PLAN

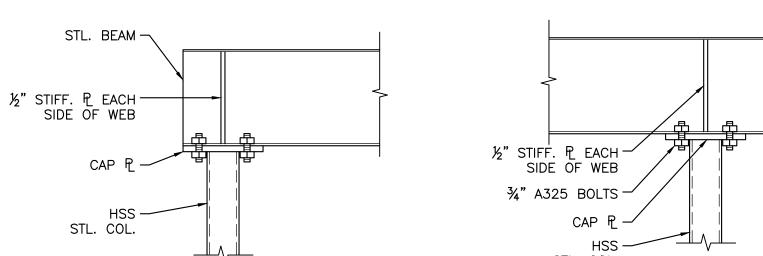


 SED PROJECT NO.
 66-03-01-03-0-003-030

 MEMASI PROJECT NO.
 102-2202

SECOND FLOOR FRAMING PLAN

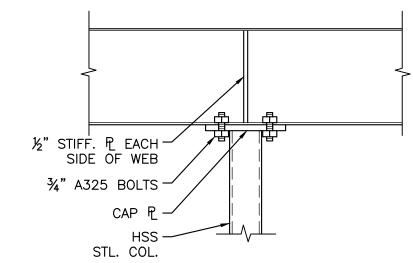
HS S-100

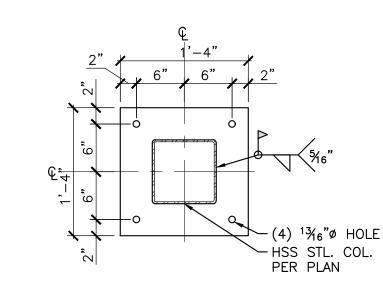


T/SLAB -

T/PIER -

S-500 SCALE: N.T.S.





BASE PLATE DETAIL (THICKNESS = $\frac{3}{4}$ ")

CROP BEAM IF \(\square \) (SEE NOTE #2)			
REQUIRED / 3" O.C. (TYP.)	SHEAR CON	NECTION TABLE	W-SHAPE
	BEAM SIZE	DOUBLE ANGLE THICKNESS x	# OF A325N 34"ø BOLTS
	W8	1/4" × 6"	3
	W10	½" × 6"	3
BOLTS — BOLTS CAN BE REPLACED WITH AN	W12	½" × 9"	4
(SEE NOTE #1) EQUIVALENT WELD TO THE BEAM WEB ANGLE (SEE NOTES #1 AND #2)			

TYPICAL SHEAR CONNECTION DETAIL

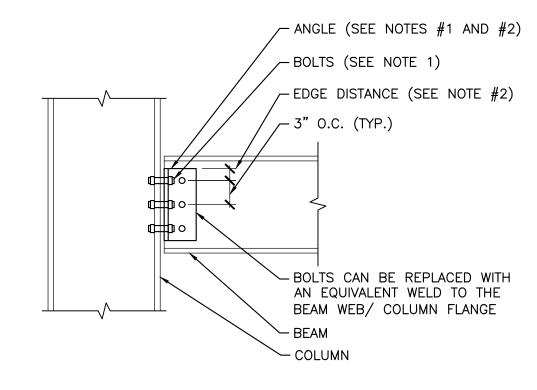
NOTES:

1. SEE THE SHEAR CONNECTION TABLE FOR THE ANGLE SIZE, BOLT TYPE, BOLT SIZE, ETC. NUMBER OF BOLTS IS SHOWN FOR EACH MEMBER.

2. THE EDGE DISTANCE SHALL BE 1.75x BOLT Ø, 1½" MINIMUM.

3. SHEAR CONNECTIONS ARE SUBJECT TO CHANGE DURING SHOP DRAWING REVIEW.

4. CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATORS LICENSED PROFESSIONAL ENGINEER. CONNECTION DESIGN IS NOT INCLUDED IN RTE SCOPE OF WORK.





NOTES:

1. SEE THE SHEAR CONNECTION TABLE FOR THE ANGLE SIZE, BOLT TYPE, ETC. THE EDGE DISTANCE SHALL BE 1.75 x BOLT Ø, 1½" MINIMUM.

2. CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATORS LICENSED PROFESSIONAL ENGINEER. CONNECTION DESIGN IS NOT INCLUDED IN RTE SCOPE OF WORK.



NOTES:

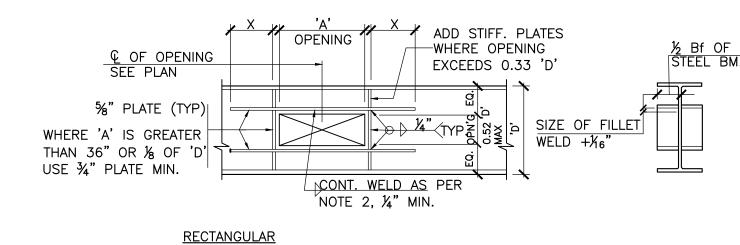
1. CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATORS
LICENSED PROFESSIONAL ENGINEER. CONNECTION DESIGN IS NOT
INCLUDED IN RTE SCOPE OF WORK.

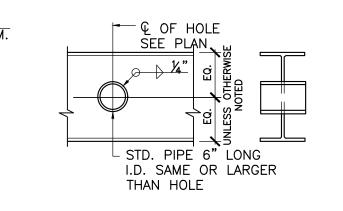
- BASE PLATE (SEE TYP. BASE

+ 4- $\frac{3}{4}$ "ø ANCHOR

TYPICAL COLUMN BASE PLATE ANCHOR

PLATE DETAIL)

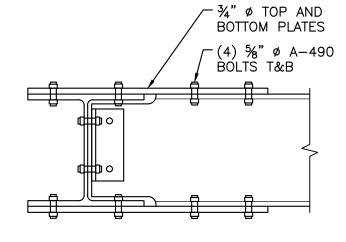




S-500 SCALE: N.T.S.

1. USE THIS DETAIL FOR LOCATIONS AND SIZES OF OPENING SHOWN 2. WELD REINFORCING PLATES TO BEAM WEB SUFFICIENTLY TO DEVELOP THEIR FULL CAPACITY AT 0.66 Fy STRESS AT EACH AND WITHIN LENGTH 'X' AND EXTEND SAME WELD SIZE CONTINUOUSLY ACROSS THE ENTIRE OPENING.

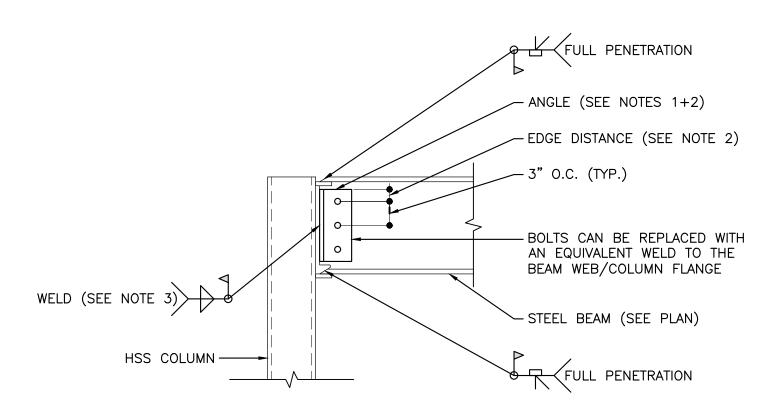
ALL OPENING SHALL BE CENTERED ON BEAM DEPTH UNLESS SHOWN OTHERWISE. 4. GRADE OF STEEL FOR PLATES TO BE SAME AS THAT OF BEAM.
5. CENTER OPENINGS BETWEEN FILLER BEAMS UNLESS OTHERWISE SHOWN.



OF A325N



6 BEAM PENETRATION DETAIL S-500 SCALE: N.T.S. S-500 SCALE: N.T.S.



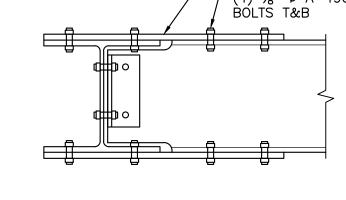
SHEAR CONNI W-SI	
BEAM SIZE	DOUBLE ANGLE THICKNESS
8W	¼" × 6"
W10	½" × 6"
W12	½" × 9"
W14	½" × 9"

8 BEAM TO COLUMN MOMENT CONNECTION DETAIL S-500 SCALE: N.T.S.

- NOTES:
 1. SEE THE SHEAR CONNECTION TABLE FOR THE ANGLE SIZE, BOLT TYPE, BOLT SIZE, ETC.
- 2. THE EDGE DISTANCE SHALL BE 1.75 x BOLT Ø, 1½" MINIMUM. 3. SIZE OF WELD (1/4' MIN.) TO BE DETERMINED DURING SHOP

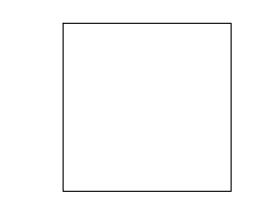
INCLUDED IN RTE SCOPE OF WORK.

DRAWING REVIEW. 4. CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATORS LICENSED PROFESSIONAL ENGINEER. CONNECTION DESIGN IS NOT



7 TYPICAL MOMENT CONNECTION DETAILS NOTES:

1. CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATORS
LICENSED PROFESSIONAL ENGINEER. CONNECTION DESIGN IS NOT INCLUDED IN RTE SCOPE OF WORK.



EASTCHESTER

2022 CAPITAL BOND

SCHOOL DISTRICT

UNION FREE

PROJECT

SCHOOL

 $\bigvee | =$

2 LYON PLACE

914.915.9519

EASTCHESTER

MIDDLE / HIGH

ARCHITECT + ENGINEER

WHITE PLAINS, NY 10601

SITE - CIVIL CONSULTANT THE LA GROUP

STRUCTURAL CONSULTANT

100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762

30 OAK STREET, SUITE 400

REILLY TARANTINO ENGINEERING

BUILDING TECHNOLOGY CONSULTING

HAZARDOUS MATERIALS CONSULTANT

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STAMFORD, CT 06905

SECURITY CONSULTANT

992 BEDFORD STREET

ONE PENN PLAZA

NEW YORK, NY 10014

BRIDGEWATER, MA 02324

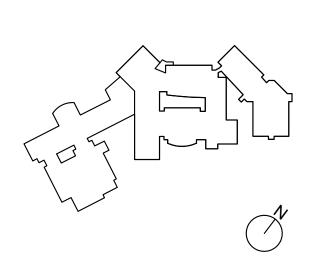
250 W 34TH ST., 4TH FLOOR

STANTEC

IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/ PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

01/03/2023 ISSUE

KEY PLAN



SED PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. 102-2202

TYPICAL STEEL **DETAILS**

HS S-500

ı	MECHANICAL SYMBOLS - GENERAL
	NEW PIPING, DUCTWORK, OR EQUIPMENT
	EXISTING PIPING, DUCTWORK, OR EQUIPMENT TO REMAIN
	EXISTING PIPING, DUCTWORK, OR EQUIPMENT TO BE REMOVED
	NEW EQUIPMENT
ER	EXISTING EQUIPMENT TO BE REMOVED
	EXISTING EQUIPMENT TO REMAIN
[-] L_JERR	EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED
RE	RELOCATED POSITION OF EXISTING EQUIPMENT
	CONTINUATION FOR DUCTWORK OR PIPING
AHU-1	TYPE OF EQUIPMENT (AIR HANDLING UNIT)
•	POINT OF CONNECTION (OF NEW WORK TO EXISTING WORK) OR POINT OF DISCONNECTION (TO REMOVE AND PATCH EXISTING WORK)
(#)	DRAWING NOTE TAG
\triangle	REVISION SYMBOL
AB	SECTION DESIGNATION ON DRAWING WHERE SECTION IS CUT A — SECTION DESIGNATION B — DRAWING NO.
T	THERMOSTAT (HAS DISPLAY, OCCUPANT ADJUSTMENT, OR BOTH) TO BE WALL MOUNTED. REFER TO PLANS FOR LOCATION.
(ZT)	TEMPERATURE SENSOR (HAS NO DISPLAY OR OCCUPANT ADJUSTMENT) TO BE WALL OR DUCT MOUNTED. REFER TO PLANS FOR LOCATION.
SD SD	DUCT MOUNTED SMOKE DETECTOR
M	ECHANICAL SYMBOLS - DUCTWORK

TS	TEMPERATURE BE WALL OR D	SENSOR (HAS NO DISPLAY OR OCCUPANT ADJUSTMENT) TO DUCT MOUNTED. REFER TO PLANS FOR LOCATION.
(SD)	DUCT MOUNTED	SMOKE DETECTOR
M	ECHANIC	AL SYMBOLS - DUCTWORK
18X12	18X12	DUCT SIZE (FIRST FIGURE INDICATES HORIZONTAL SIZE)
, 18ø	18ø	ROUND DUCT DIAMETER
\square		SUPPLY OR OUTSIDE AIR INTAKE DUCT UP
[×]	×	SUPPLY OUTSIDE AIR INTAKE DUCT DOWN
		RETURN OR EXHAUST DUCT UP
		RETURN OR EXHAUST DUCT DOWN
		ACOUSTICAL LINING IN DUCT
├─		TRANSITION FROM RECTANGULAR TO ROUND OR OVAL DUCT
Ş AD S	<u>E3</u>	ACCESS DOOR IN DUCT
<u> </u>	R	SLOPING RISE IN DUCT IN DIRECTION OF ARROW
↓ D		SLOPING DROP IN DUCT IN DIRECTION OF ARROW
—		MITERED ELBOW WITH TURNING VANES
5	A	RADIUS ELBOW (INNER RADIUS = WIDTH)
		DUCT SPLIT
5		90° BRANCH TAP (USE 45° BOOT, OR CONICAL TAP FOR BRANCH SERVING A SINGLE DIFFUSER/REGISTER ONLY)
5		45° BRANCH TAP
		SPLIT (SUPPLY) OR CONVERGENCE (RETURN/EXHAUST) RADIUS ELBOW TYPE
↓		SPLIT (SUPPLY) OR CONVERGENCE (RETURN/EXHAUST) MITERED ELBOW TYPE WITH TURNING VANES
├		SPLIT (SUPPLY) OR CONVERGENCE (RETURN/EXHAUST) BULLHEAD TYPE
7		OFFSET (WITH RADIUS ELBOWS)
├	↓	SUPPLY REGISTER
├	1	RETURN OR EXHAUST REGISTER
S-LVD S	VD VD	VOLUME DAMPER
∫ ¦ FD	FD	FIRE DAMPER W/DUCT ACCESS DOOR (FD/AD)
> d M	↓	MOTORIZED DAMPER W/DUCT ACCESS DOOR
FXC ⊱⊣⊪⊢	FXC	FLEXIBLE CONNECTION
~~~~		FLEXIBLE DUCT

MODULAR LINEAR DIFFUSER WITH PLENUM

BRANCH TAKEOFF TO CEILING DIFFUSER/REGISTER

MECH	ANICAL S	YMBOLS - DUCTWORK (CONT.)
→	SUPPLY CEILIN	G DIFFUSER (4-WAY BLOW)
	SUPPLY CEILIN	G DIFFUSER (3-WAY BLOW)
	SUPPLY CEILING	G DIFFUSER (2-WAY BLOW)
•	SUPPLY CEILIN	G DIFFUSER (1-WAY BLOW)
CD-B(500)	DIFFUSER TYPE SCHEDULE.	AND CFM (CUBIC FEET PER MINUTE). REFER TO
	RETURN CEILIN	G GRILLE OR REGISTER
VAV-B(500)		(CV, VAV, FP). DESIGNATION INDICATES TYPE, BOX I. QUANTITY (REFER TO SCHEDULES).
VAV-B(500)		WITH REHEAT COIL (CV, VAV, FP). DESIGNATION INDICATES E AND CFM. QUANTITY (REFER TO SCHEDULES).
5 SA	SA	SUPPLY AIR DUCT
5	RA	RETURN AIR DUCT
5 OA	OA	OUTSIDE AIR INTAKE DUCT
5EXH	EXH	EXHAUST DUCT
M	ECHANIC	AL SYMBOL LIST - PIPING
├	₹	DIRECTION OF FLOW IN PIPE
→		PITCH PIPE DOWN IN DIRECTION OF ARROW
─	S	ELBOW TURNED UP

UNION

CAPPED PIPE

PIPE SLEEVE

PRESSURE GAUGE WITH SHUT OFF VALVE

I⊢—~

:----€------

PIPE FLANGE

VALVE IN VERTICAL PIPE

MANUAL AIR VENT

THERMOMETER

├───┴├────┤ PIPE SENSOR WELL

PUMP

AUTOMATIC AIR VENT

"Y" TYPE STRAINER WITH BLOW DOWN VALVE

	F EXH F	EXHAUST DUCT	AHU	AIR HANDLING UNIT
−EXH −−− 5			ATC	AUTOMATIC TEMPERATURE CONTROL
			BMS	BUILDING MANAGEMENT SYSTEM
MI	ECHANIC	AL SYMBOL LIST - PIPING	BTU	BRITISH THERMAL UNIT
		DIRECTION OF FLOW IN PIPE	CFM	CUBIC FEET PER MINUTE
→	<u> </u>	DIRECTION OF FLOW IN PIPE	CV	CONSTANT VOLUME
→		PITCH PIPE DOWN IN DIRECTION OF ARROW	DX	DIRECT EXPANSION
<u> </u>		ELBOW TURNED UP	EAT	ENTERING AIR TEMPERATURE
-			ER	EXISTING EQUIPMENT TO REMOVED
 ə	S	ELBOW TURNED DOWN	ERR	EXISTING EQUIPMENT TO REMOVED AND RELOCATED
		DOTTOM DIDE COMMENTAN	EWT	ENTER WATER TEMPERATURE
Ţ		BOTTOM PIPE CONNECTION	FLA	FULL LOAD AMPS
<u>-</u>		TOP PIPE CONNECTION	FPI	FIN PER INCH
λ	لما	Total Time 2 documents	FTR	FIN TUBE RADIATION
	E	FLEXIBLE CONNECTION	GРM	GALLONS PER MINUTE
			нх	HEAT EXCHANGER
⊸i⊸		BALL VALVE	HZ	HERTZ
			KW	KILOWATT
—>>		GATE VALVE	LAT	LEAVING AIR TEMPERATURE
→		GLOBE VALVE	МВН	THOUSAND BTU PER HOUR
			MCA	MINIMUM CIRCUIT AMPS
$\overrightarrow{\triangleright}$		CHECK VALVE (ARROW INDICATES FLOW DIRECTION)	NC	NORMALLY CLOSED
			NIC	NOT IN CONTRACT
─ ₽		AUTOMATIC THREE-WAY CONTROL VALVE	NK	NECK SIZE
Υ.	<u></u>		NO	NORMALLY OPEN
- \$		AUTOMATIC TWO-WAY CONTROL VALVE	NTS	NOT TO SCALE
			OED	OPEN END DUCT
- \$		PRESSURE REDUCING VALVE	PH	PHASE
			PSI	POUND PER SQUARE INCH
⊣√		PLUG VALVE	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
			PSIG	POUNDS PER SQUARE INCH GAUGE
⊣ [—~		BUTTERFLY VALVE (MANUAL)	RE	RELOCATED POSITION OF EXISTING EQUIPMENT
			RE:	REFER TO
\longrightarrow		CIRCUIT SETTER/BALANCING VALVE	TYP	TYPICAL
			VN	VENT
$\stackrel{=}{=}$	£	PIPE GUIDE	V	VOLTS
			VFD	VARIABLE FREQUENCY DRIVE
		EXPANSION JOINT	WMS	WIRE MESH SCREEN
		CONCENTRIC REDUCER (ARROW INDICATES FLOW DIRECTION)		NEW YORK STATE CODES & STANDARDS
		ECCENTRIC REDUCER (ARROW INDICATES FLOW DIRECTION)		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 MECHANICAL CODE OF NEW YORK STATE

2016 ASHRAE 90.1

 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

MECHANICAL SYMBOLS - PIPING (CONT.)

MECHANICAL ABBREVIATIONS

→ H/CWS → | DUAL-TEMPERATURE HOT/CHILLED WATER SUPPLY

→ H/CWR → | DUAL-TEMPERATURE HOT/CHILLED WATER RETURN

├──CHWS ── | CHILLED WATER SUPPLY

→ CHWR → | CHILLED WATER RETURN

HOT WATER SUPPLY

S HWR HOT WATER RETURN

S-PD-S | PUMPED DRAIN LINE

ACU

AD

LPS— | LOW PRESSURE STEAM SUPPLY

CD— CONDENSATE DRAIN LINE (GRAVITY)

AIR CONDITIONING UNIT

ACCESS DOOR

AIR HANDLING UNIT

2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE

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 NPFA 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

MECHANICAL DRAWING LIST

	WEST IN CONTROL BY CONTROL BY
Sheet Number	Sheet Title
HS M001	COVER SHEET
HS M101	FIRST FLOOR VESTIBULE PART PLAN
HS M201	SCHEDULES
HS M301	DETAILS

MECHANICAL GENERAL NOTES

- THESE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE OF WORK AS WELL AS INDICATE GENERAL ARRANGEMENT OF EQUIPMENT. DUCTWORK AND PIPING. THE CONTRACTOR SHALL ADHERE TO THESE DRAWINGS AS CLOSELY AS POSSIBLE. HOWEVER, THE RIGHT IS RESERVED TO VARY THE RUNS OF DUCTWORK AND PIPING AND TO MAKE OFFSETS, WHERE NECESSARY, TO ACCOMMODATE CONDITIONS ARISING AT THE JOB SITE. THE CONTRACTOR SHALL PREPARE SHOP DRAWINGS TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO WORK SHALL BE PERFORMED PRIOR TO RECEIPT OF EQUIPMENT, DUCTWORK, AND PIPING FABRICATION SHOP DRAWING APPROVAL.
- THE DRAWINGS AND SPECIFICATIONS SHALL BE INTERPRETED SO AS TO REQUIRE THE MOST SUBSTANTIAL AND COMPREHENSIVE PERFORMANCE OF THE WORK. CONSISTENT WITH THE INTENT AND REQUIREMENTS OF THE CONTRACT DOCUMENTS, AND SUCH WORK SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT EXTRA COST TO THE OWNER. IN THE CASE OF A DISCREPANCY WITHIN THE CONTRACT DOCUMENTS, THE WORST CASE OR HIGHEST COST SHALL APPLY FOR BIDDING PURPOSES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY VIA RFI PRIOR TO
- PERFORMING THE ASSOCIATED WORK. ANY MATERIAL, WORK, OR INCIDENTAL ACCESSORIES OR MINOR DETAILS NOT SHOWN BUT NECESSARY TO MAKE THE WORK COMPLETE IN ALL RESPECTS AND READY FOR OPERATION, EVEN IF NOT PARTICULARLY SHOWN ON THE DRAWINGS, SHALL BE
- PROVIDED BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER. DUCT SIZES SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS. WHERE ACOUSTICALLY LINED DUCT IS SPECIFIED, OUTER DUCT DIMENSIONS SHALL BE

INCREASED TO ACCOMMODATE LINING.

- WHERE WORK IS INDICATED TO BE BY OTHER CONTRACTORS, FOR EXAMPLE: "BY GENERAL CONSTRUCTION CONTRACTOR", THIS WORK IS NOT IN THE HVAC/MECHANICAL CONTRACT. EACH CONTRACTOR WILL BE RESPONSIBLE FOR CLOSE COORDINATION WITH OTHER CONTRACTORS' WORK.
- REFER TO APPROPRIATE SPECIFICATION SECTION FOR EQUIPMENT SELECTION PARAMETERS WHERE DRAWINGS DO NOT CONTAIN EQUIPMENT SCHEDULES.
- FOR AIR SYSTEMS, THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING BRANCH VOLUME DAMPERS FOR ALL SUPPLY. RETURN. AND EXHAUST BRANCH DUCTWORK, REGARDLESS IF VOLUME DAMPERS ARE NOT SHOWN IN CONTRACT DOCUMENTS, ALL VOLUME DAMPERS SHALL BE ADJUSTABLE HANDLE TYPE FOR LAY-IN ACCESSIBLE CEILING OR CABLE OPERATED FOR CONCEALED TYPE OF CEILING. ALL BRANCH DUCT VOLUME DAMPERS SERVING DIFFUSERS IN GYPSUM BOARD CEILINGS (OR OTHERWISE INACCESSIBLE) SHALL BE REMOTELY (CORD OR CABLE) OPERABLE THROUGH THE FACE OF THE DIFFUSER.
- INSTALL THERMOSTATS, FAN SPEED CONTROLLERS, AND OTHER ROOM OCCUPANT ADJUSTABLE CONTROLS WITH TOP OF DEVICE 4'-0" ABOVE FINISHED FLOOR OR AS DIRECTED OTHERWISE BY ARCHITECT. COORDINATE EXACT LOCATIONS WITH THE ARCHITECTURAL PLANS. DEVICE COLORS TO BE SELECTED BY THE ARCHITECT. MANUFACTURER'S LOGO SHALL NOT BE EXPOSED.
- WHERE PIPING CONNECTIONS FOR EQUIPMENT SUCH AS PUMPS, AC UNITS, COILS, ETC. DIFFER FROM THE LINE SIZE PIPING, IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO FURNISH AND INSTALL THE NECESSARY REDUCER/EXPANDER FITTINGS TO ENABLE CONNECTION BETWEEN THE PIPING SYSTEM AND THE EQUIPMENT.
- 10. PROVIDE UL LISTED AND LABELED FIRE DAMPERS AT ALL DUCT PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS. REGARDLESS IF FIRE DAMPERS ARE NOT SHOWN IN CONTRACT DOCUMENTS. PROVIDE 1-1/2 HOUR RATED FIRE DAMPERS AT WALLS/FLOORS WITH 2 HOUR OR LESS RATING. PROVIDE 3 HOUR RATED FIRE DAMPERS AT WALLS/FLOORS WITH 3 HOUR OR MORE RATING. ALL FIRE DAMPERS SHALL BE TYPE "B" WITH SHUTTER OUT OF AIRSTREAM, AND SHALL BE RATED FOR DYNAMIC AIRFLOW CONDITIONS 2,000 FT/MIN AND 4.0 IN-WC. PROVIDE ACCESS DOORS IN DUCTWORK, 18"x18" UNLESS OTHERWISE NOTED. COORDINATE WITH GENERAL CONTRACTOR FOR LOCATIONS AND SIZES OF ACCESS DOORS IN GENERAL CONSTRUCTION.
- . PROVIDE UL LISTED AND LABELED COMBINATION FIRE/SMOKE DAMPERS AT ALL DUCT PENETRATIONS THROUGH FIRE AND SMOKE RATED WALLS AND FLOORS, REGARDLESS IF FIRE DAMPERS ARE NOT SHOWN IN CONTRACT DOCUMENTS. ALL COMBINATION FIRE/SMOKE DAMPERS SHALL BE PROVIDED WITH AN END SWITCH FOR STATUS SIGNAL TO THE BMS AND FIRE SMOKE CONTROL PANEL. ALL COMBINATION FIRE/SMOKE DAMPERS SHALL BE RATED FOR DYNAMIC AIRFLOW CONDITIONS 2,000 FT/MIN AND 4.0 IN-WC. PROVIDE ACCESS DOORS IN DUCTWORK, 18"x18" UNLESS OTHERWISE NOTED. COORDINATE WITH GENERAL CONTRACTOR FOR LOCATIONS AND SIZES OF ACCESS DOORS IN GENERAL CONSTRUCTION.
- 12. PROVIDE FIRESTOPPING FOR ALL DUCT, PIPE, AND CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- 13. WHERE DUCTS AND PIPES PENETRATE FIRE AND/OR SMOKE RATED WALLS, LEAVE A MINIMUM OF 2 INCHES CLEAR ABOVE THE DUCTS AND PIPES, SUCH THAT THE MECHANICAL CONTRACTOR CAN SEAL THE WALL ABOVE THE DUCTS. DO NOT INSTALL FLEXIBLE DUCTWORK THROUGH FIRE AND/OR SMOKE RATED WALLS.
- 14. PROVIDE ESCUTCHEON PLATES WHERE DUCTS OR PIPES PENETRATE CEILINGS, WALLS, OR FLOORS WHERE EXPOSED TO VIEW IN FINISHED AREAS. ESCUTCHEONS FOR DUCTS SHALL BE CONSTRUCTED OF THE SAME MATERIAL AS DUCT. PIPE ESCUTCHEONS SHALL BE CHROME-PLATED BRASS.
- 15. THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING THERMOSTATS FOR ANY EQUIPMENT THAT REQUIRES CONTROL, SUCH AS VAV BOXES, FCU, FANS, HEATERS, FINNED TUBE RADIATION, RTU'S, ETC., REGARDLESS IF THERMOSTATS ARE NOT SHOWN IN CONTRACT DOCUMENTS. ALL THERMOSTATS SHALL BE DIRECT DIGITAL PROGRAMMABLE TYPE, UNLESS OTHERWISE NOTED. PROVIDE ONE THERMOSTAT FOR EACH FAN COIL UNIT, FAN UNIT, VAV, FPB, ENTRANCE HEATER, BASEBOARD RADIATION, ETC. THERMOSTAT LOCATIONS SHALL BE AS SHOWN ON PLANS AND/OR WHERE DIRECTED AND APPROVED BY THE ARCHITECT AND
- 16. ALL DUCTWORK AND PIPING REQUIRING FIRE RATING AND WHERE SHOWN ON PLANS SHALL BE PROVIDED WITH UL LISTED FIRE—RATED DUCT WRAP WITH APPROPRIATE FIRE RATING (1—HOUR, 2—HOUR, ETC.), UNLESS A FIRE—RATED ARCHITECTURAL ENCLOSURE IN THAT LOCATION IS SPECIFIED WITHIN DRAWINGS AND SPECIFICATIONS FOR ANOTHER TRADE.
- 17. ALL LINEAR DIFFUSERS ARE TO BE COORDINATED WITH ARCHITECTURAL PLANS FOR EXACT LENGTHS AND LOCATIONS. ACTIVE PLENUM SECTIONS SHALL BE OF THE SIZES AS SHOWN ON PLANS. EACH BRANCH TAP SERVING THE LINEAR DIFFUSER SHALL BE PROVIDED WITH A VOLUME DAMPER WHICH SHALL BE OPERABLE THROUGH THE DIFFUSER FACE. ACTIVE SUPPLY SECTION OF LINEAR DIFFUSER SHALL BE PROVIDED WITH PATTERN CONTROL DEVICES AND EQUALIZING GRIDS. ACTIVE OR INACTIVE RETURN SECTIONS SHALL NOT BE FURNISHED WITH PATTERN CONTROL OR EQUALIZING GRIDS.
- 18. BORDER TYPES AND METHOD OF ATTACHMENT FOR ALL DIFFUSERS, GRILLES, AND REGISTERS SHALL BE COORDINATED WITH THE ARCHITECTURAL CEILING DETAILS AND
- 19. REFER TO SPECIFICATIONS FOR ACOUSTIC LINING REQUIREMENTS NOT SHOWN ON THE
- 20. FOR WATER SYSTEMS: THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING BALL TYPE SHUT-OFF VALVES AND SEPARATE BALANCING VALVE FOR ALL BRANCH PIPING REGARDLESS IF VALVES ARE NOT SHOWN IN CONTRACT DOCUMENTS. ALL SHUT-OFF VALVES SHALL BE FULL PORT AND PRESSURE RATED FOR SYSTEM PRESSURE. THE BALANCING VALVE SHALL BE SIMILAR TO B&G CIRCUIT SETTER PLUS CALIBRATED BALANCE VALVE, UNLESS OTHERWISE
- 21. THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING SECONDARY DRAIN PANS FOR ALL AIR CONDITIONING CEILING HUNG EQUIPMENT REGARDLESS IF DRAIN PANS ARE NOT SHOWN IN CONTRACT DOCUMENTS. REFER TO DETAIL FOR INSTALLATION OF DRAIN PANS. IF NO DETAIL IS SHOWN, CONTRACTOR MUST REQUEST DRAIN PAN DETAIL THRU RFI PROCESS DURING BIDDING.
- 22. THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING CONDENSATE PIPING FOR ALL COOLING TYPE EQUIPMENT REGARDLESS IF CONDENSATE PIPING IS NOT SHOWN IN CONTRACT DOCUMENTS. ALL CONDENSATE PIPING SHALL BE INSULATED AND ROUTED TO NEAREST DRAIN OR JANITORS CLOSET. IF NO CONDENSATE PIPING IS SHOWN, CONTRACTOR MUST REQUEST CONDENSATE PIPING ROUTING THRU RFI PROCESS DURING BIDDING.
- 23. GENERAL NOTES, SYMBOLS, ABBREVIATIONS, AND DETAILS ARE APPLICABLE TO ALL HVAC/MECHANICAL DRAWINGS.
- 24. RELOCATE EXISTING WORK THAT INTERFERES WITH WORK OF THIS CONTRACT.
- 25. COORDINATE THIS WORK WITH THAT OF OTHER TRADES.
- 26. DIMENSIONS SHOWN ON PLAN ARE HORIZONTAL. DIMENSIONS SHOWN IN ELEVATION ARE VERTICAL, EXCEPT IN WAY OF STRUCTURAL STEEL, DIMENSIONS ARE MEASURED PERPENDICULAR TO FLANGE.
- 27. PRODUCT INSTALLATION SHALL ADHERE TO MANUFACTURERS' RECOMMENDATIONS.
- 28. PROVIDE ACCESS PANELS IN DUCTS AND CEILINGS/SOFFITS/WALLS/FLOORS IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS FOR ALL CONCEALED EQUIPMENT THAT REQUIRES PERIODIC SERVICE, INCLUDING AIR CONDITIONING UNITS, FANS, CONDENSATE PUMPS, FIRE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS, AND DUCT MOUNTED SMOKE DETECTORS. MATCH FIRE RATING OF CEILING/SOFFIT/WALL/FLOOR WHERE APPLICABLE.
- 29. PROVIDE HANGERS, INSERTS, ANCHORS, SUPPLEMENTAL STEEL & SUPPORTS AS REQUIRED TO SUPPORT DUCTWORK, PIPING AND EQUIPMENT FROM STRUCTURE.
- 30. SCHEDULE WORK OF THIS SECTION TO AVOID INTERFERING WITH EXISTING OPERATIONS IN THE FACILITY.
- 31. COORDINATE ALL ROOF PENETRATIONS WITH THE WORK OF OTHER SECTIONS AND WITH FLASHING REQUIREMENTS. COORDINATE ALL ROOF PENETRATION LOCATIONS WITH

MECHANICAL GENERAL NOTES (CONT.)

- THE OWNER. NOTIFY THE OWNER PRIOR TO STARTING WORK AND VERIFY COMPLIANCE WITH BOND AND WARRANTY OF THE ROOF.
- 32. RUN DUCTS AND PIPING CONCEALED, UNLESS OTHERWISE SPECIFIED, AND CLEAR OF
- 33. PROVIDE CLEARANCE IN FRONT OF ALL ELECTRIC CONTROL PANELS PER N.E.C. AND EQUIPMENT MANUFACTURERS' REQUIREMENTS.
- 34. PRIOR TO SUBMISSION OF SHOP DRAWINGS, COORDINATE WITH ELECTRICAL CONTRACTOR TO VERIFY VOLTAGES AVAILABLE FOR MECHANICAL EQUIPMENT.
- 35. MOTOR STARTERS AND VARIABLE FREQUENCY DRIVES FOR HVAC EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED/WIRED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. COORDINATE AND VERIFY WITH ELECTRICAL CONTRACTOR PRIOR TO SHOP DRAWING SUBMISSION.
- 36. ALL DISCONNECT SWITCHES FOR HVAC EQUIPMENT SHALL BE FURNISHED, INSTALLED, AND WIRED BY THE ELECTRICAL CONTRACTOR, UNLESS INTEGRAL TO HVAC EQUIPMENT OR OTHERWISE NOTED. COORDINATE AND VERIFY WITH ELECTRICAL CONTRACTOR PRIOR TO SHOP DRAWING SUBMISSION.
- 37. USE FLAT TRANSVERSE SEAM FOR DUCTWORK WHERE SPACE AVAILABLE DICTATES.
- 38. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.
- 39. ALL DUCTWORK AND PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD
- 40. DO NOT INSTALL DUCTWORK OR 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.
- 41. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.
- 42. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.
- 43. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, AND 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING.
- 44. 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.
- 45. NEW AND EXISTING PERMANENT HVAC AIR EQUIPMENT MAY BE USED BY CONTRACTORS DURING CONSTRUCTION FOR TEMPORARY HEATING, COOLING, AND VENTILATION, ONLY UNDER THE FOLLOWING CONDITIONS:
- 45.1. CONTRACTOR TO PROVIDE TEMPORARY FILTERS IN EACH UNIT DURING CONSTRUCTION, WHICH SHALL BE REPLACED WITH NEW CLEAN FILTERS AFTER GENERAL CONSTRUCTION IS COMPLETED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH

- 45.2. CONTRACTOR TO PROVIDE FILTER FABRIC AT ALL RETURN AND EXHAUST REGISTERS, GRILLES, AND OPENINGS DURING CONSTRUCTION. 45.3. THE WARRANTY PERIOD FOR ALL EQUIPMENT SHALL NOT BEGIN UNTIL CONSTRUCTION IS COMPLETED. IF THE EQUIPMENT MANUFACTURER'S WARRANTY PERIOD BEGINS WHILE THE UNIT USED DURING CONSTRUCTION,
- EXTENDING THE WARRANTY TO PROVIDE THE FULL PERIOD OF COVERAGE TO THE OWNER. 45.4. IF NEW PERMANENT HVAC AIR EQUIPMENT INSTALLED UNDER THIS PROJECT WILL NOT BE OPERATED BY THE CONTRACTOR DURING CONSTRUCTION, ALL OPEN OR INCOMPLETE DUCTWORK SHALL BE CAPPED AIRTIGHT WITH WITH HEAVY POLYETHYLENE PLASTIC. AFTER THE INSTALLATION OF DUCTWORK, REGISTERS, GRILLES, AND DIFFUSERS, THE CONTRACTOR SHALL BLANK OFF ALL REGISTERS, GRILLES, AND DIFFUSERS WITH HEAVY POLYETHYLENE PLASTIC AND TAPE AIR TIGHT, IN AREAS THAT ARE UNDER CONSTRUCTION, UNTIL
- WORK IS COMPLETE IN THOSE AREAS. 45.5. IF THE ABOVE CONDITIONS ARE NOT MET, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY NECESSARY TEMPORARY HEATING, COOLING, AND VENTILATION EQUIPMENT, DUCTWORK, CONTROLS, PIPING, AND POWER AT
- HIS OWN EXPENSE. 45.6. IF PERMANENT HVAC EQUIPMENT IS USED DURING CONSTRUCTION BUT NOT PROPERLY PROTECTED AS DESCRIBED ABOVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OUT DUST AND DEBRIS FROM DUCTWORK AND EQUIPMENT, AS WELL AS ANY NECESSARY REPAIR OR REPLACEMENT OF DAMAGED EQUIPMENT AT HIS OWN EXPENSE.
- 45.7. WHEN GENERAL CONSTRUCTION IS COMPLETE, VACUUM CLEAN ALL DIFFUSERS, REGISTERS, GRILLES, AND HVAC EQUIPMENT IN THE PROJECT AREA OR SERVING THE PROJECT AREA. REMOVE ANY CONSTRUCTION DEBRIS.

MECHANICAL DEMOLITION GENERAL NOTES

- DEMOLITION NOTES, SYMBOL LIST, AND DETAILS ARE APPLICABLE TO ALL HVAC/MECHANICAL DRAWINGS.
- 2. ALL PIPING IN WALLS AND FLOORS NOT TO BE REUSED WILL BE PLUGGED OR CAPPED, AND CUTTING AND PATCHING WILL BE PERFORMED TO RESTORE SURFACE TO ORIGINAL CONDITION BY THIS CONTRACTOR.
- AFTER REMOVING PIPE THROUGH THE FLOOR SLABS, PACK OPENING WITH APPROVED FIRE-RATED PACKING.
- THE CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL COSTS ASSOCIATED WITH REMOVALS AND RELOCATIONS OF HVAC WORK AS DESCRIBED ON THE DRAWINGS AND IN THE SPECIFICATIONS WITH ALLOWANCES FOR EXPECTED OR UNFORESEEN DIFFICULTIES WHEN CONCEALED WORK HAS BEEN OPENED. NO CLAIMS FOR ADDITIONAL WORK ASSOCIATED WITH DEMOLITION WILL BE ACCEPTED, EXCEPT IN CERTAIN CASES CONSIDERED JUSTIFIABLE BY THE OWNER/ENGINEER.
- THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE WITH FUNCTIONING HVAC SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
- DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR, OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL
- THE CONTRACTOR SHALL REMOVE ALL DUCT AND PIPING SUPPORTS, ETC. FROM PARTITIONS THAT ARE TO BE REMOVED. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING PIPING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL AND PROVIDE BYPASS CONNECTIONS NECESSARY.
- . ALL PIPING WHICH BECOMES EXPOSED DURING THE ALTERATION WORK SHALL BE REAVED AND REROUTED CONCEALED BEHIND FINISHED SURFACES.
- 9. PORTIONS OF PIPING AND DUCTWORK TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE, SHALL BE CUT AT CONVENIENT LOCATIONS, REROUTED, AND RECONNECTED.
- 10. THE CONTRACTOR SHALL NOTIFY THE OWNER AT THE APPROPRIATE TIME OF THE PROJECTED DEMOLITION AND PHASING SCHEDULE, SO THAT REMOVAL OR RELOCATION OF AFFECTED UTILITIES MAY BE CARRIED OUT IN COORDINATION WITH THE PROJECT REQUIREMENTS.
- 1. ALL EXISTING MATERIAL AND EQUIPMENT IN USABLE CONDITION, WHICH IS TO BE REMOVED UNDER THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF BY THE HVAC CONTRACTOR, AS DIRECTED BY THE
- 2. ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVER TIME, IF REQUIRED, TO ASSURE THAT SYSTEMS WILL BE SHUT DOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTIONS TO THE EXISTING SYSTEMS.
- 13. THE SHUTDOWN OF EXISTING BUILDING HVAC SERVICES SHALL BE COORDINATED WITH WITH THE OWNER. MAKE ARRANGEMENTS AT LEAST FIVE (5) BUSINESS DAYS PRIOR TO A SHUTDOWN.
- CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- 15. WHERE THE DEMOLITION OF EXISTING PNEUMATIC CONTROL EQUIPMENT, THERMOSTATS, OR TUBING IS INDICATED IN THE PLANS, THE CONTRACTOR SHALL CAP THE ENDS OF ALL EXISTING TO REMAIN PNEUMATIC LINES AIRTIGHT UNLESS OTHERWISE NOTED. IF ADDITIONAL PNEUMATIC LINES OR DEVICES ARE DISCOVERED BY THE CONTRACTOR INSIDE WALLS OR ABOVE CEILINGS DURING DEMOLITION, THE CONTRACTOR SHALL INFORM THE DESIGN TEAM PRIOR TO REMOVAL OF THESE LINES OR DEVICES.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$

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

STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762

MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

992 BEDFORD STREET

BRIDGEWATER, MA 02324

250 W 34TH ST., 4TH FLOOR

NEW YORK, NY 10014

STAMFORD, CT 06905 SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA

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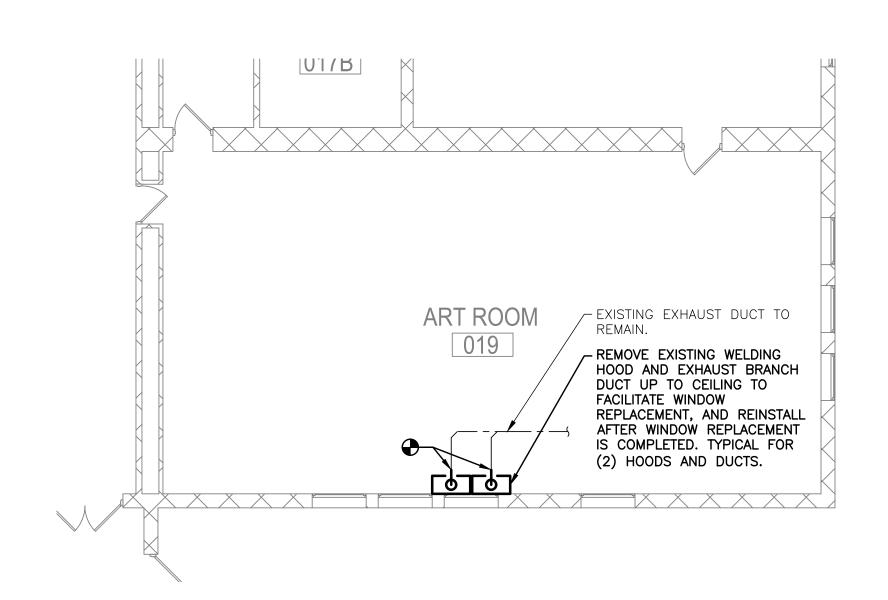
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KEY PLAN

66-03-01-03-0-003-030 PROJECT NO. MEMASI PROJECT NO.

COVER SHEET

HS M001



PART PLAN - BASEMENT LEVEL

1/8" = 1'-0"

DEMOLITION PART PLAN - FIRST FLOOR

NEW CONSTRUCTION NOTES - DUCTWORK:

- 1. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.
- 2. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
- 3. DO NOT INSTALL DUCTWORK 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.

- 4. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.
- 5. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.
- 6. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, AND 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING.

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- 1. ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
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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.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

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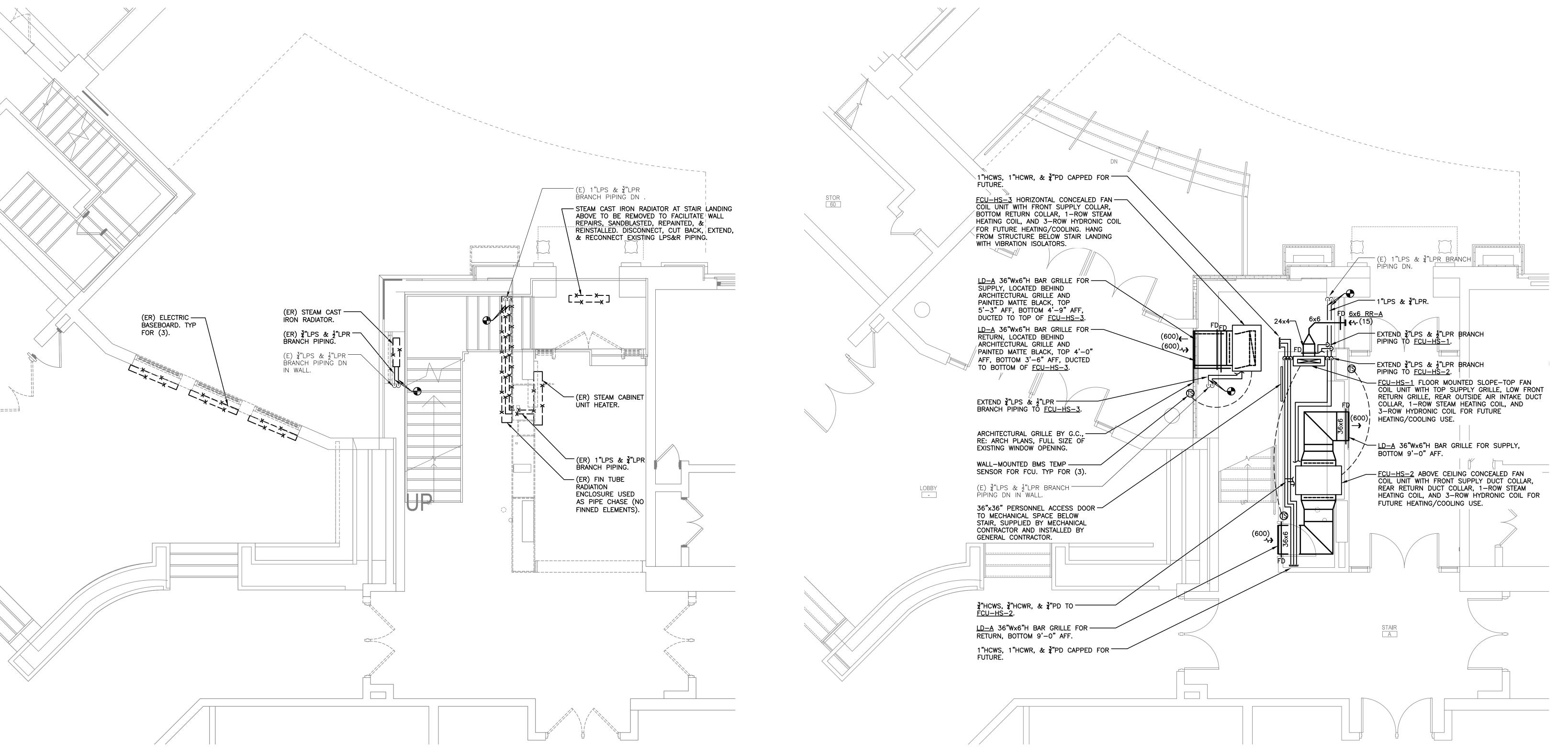
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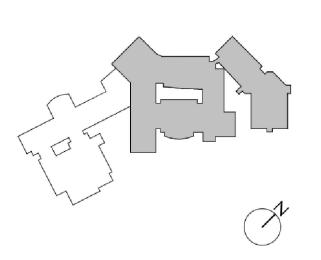


PART PLAN - FIRST FLOOR

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KEY PLAN



PROJECT NO. 66-03-01-03-0-003

MEMASI PROJECT NO. 102-2

FIRST FLOOR
VESTIBULE PART
PLAN

HS M101

	VENTILATION SCHEDULE																	
AIR HANDLING SYSTEM DATA ROOM DATA										OUTSIDE VENT	W REQUIRED PI	ER THE	OUTSIDE VENTILATION AIRFLOW REQUIRED PER THE NYSED 1998					
AIR	DESIGN	DESIGN	ROOM	ROOM	FLOOR	NUMBER	DESIGN	DESIGN		2020 NEW YORK	STATE MECHANIC	AL CODE - SEC	TION 403	MANUA	L OF PLANNING	STANDARDS - S	SECTION S606-3-A	
HANDLING	SUPPLY	OUTSIDE	NUMBER	NAME	AREA	OF	SUPPLY	MINIMUM	OUTSIDE	OUTSIDE	ZONE AIR	ROOM	ROOM DESIGN OUTSIDE	OUTSIDE	OUTSIDE	ROOM	ROOM DESIGN OUTSIDE	
SYSTEM	AIRFLOW	VENTILATION				PEOPLE	AIRFLOW	OUTSIDE	VENTILATION	VENTILATION	DISTRIBUTION	OUTSIDE	VENTILATION AIRFLOW	VENTILATION	VENTILATION	OUTSIDE	VENTILATION AIRFLOW	
DESIGNATION	(CFM)	AIRFLOW					(CFM)	VENTILATION	AIRFLOW	AIRFLOW PER	EFFECTIVENESS	VENTILATION	MEETS OR EXCEEDS	AIRFLOW	AIRFLOW PER	VENTILATION	MEETS OR EXCEEDS	
		(CFM)						AIRFLOW	PER PERSON	SQUARE FOOT		AIRFLOW	CODE REQUIREMENT	PER PERSON	SQUARE FOOT	AIRFLOW	NYSED REQUIREMENT	
								(CFM)	(CFM / PERSON)	(CFM / SF)		(CFM)	(YES / NO)	(CFM / PERSON)	(CFM / SF)	(CFM)	(YES / NO)	
FCU-HS-1	200	15	-	SECURITY OFFICE	69	1	200	15	5	0.06	0.8	11	YES	15	0.00	15	YES	

	FAN COIL UNIT SCHEDULE																																												
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	ATION	SUPPLY	RETURN	OUTSIDE	SUPPLY	MIN.	ESP	NO.	HP E	BHP F	AN DRIV	E STARTE	R STARTE	RSTEAM	CHILLED HOT	DUAL	FLUID T	OT. SENS	GPM E.W.	T. L.W.T.	E.A.T. E.A.	T. L.A.T. L.A	T. W.P.D. F	FLUID N	BH GPM E.W.T	. L.W.T. E.A	.T. L.A.T	Г. W.P.D.	HEATING	STEAM	STEAM E	.A.T. L.A.T.	VOLTS PH	Hz MCA	MOP	DISCO	ONNECT	EMER	. PRE-	DI	MENSIONS	(LBS)	TURER		
				AIR	AIRFLOW	V OUTSIDE	(IN WC)	OF (PER (PER T	/PE TYP	E TYPE	LOCATIO	N	WATER WATE	R TEMP	N	вн мвн	(°F	F) (°F)	DB WI	B DB W	B (FT-WC)		(°F)	(°F) (°	F) (°F)) (FT-WC)	MBH	PRESURE	FLOW	(°F) (°F)			BYE	.C LOCATION	ON TYPE I	ENCL. PWR.	FILTER	WIDTH I	IEIGHT LENGT	Ή			
					(CFM)	AIRFLOW	MC	OTORS	TOR) MC	TOR)						HOT &					(°F) (°F	·) (°F) (°F)							(PSIG)	(LBS/HR)				OR			TYPE (Y/N)		(IN)	(IN) OR				
						(CFM)										CHILLED																			MANU	JF.					DEPTI	4			
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NOTES:

1. 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%.

2. PROVIDE THE FOLLOWING FACTORY SUPPLIED FEATURES AND OPTIONS FOR ALL FLOOR-MOUNTED UNITS:

2.2. SUB-BASE, 4" HIGH.

3. 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	OPPOSED	FILTER RACK	FINISH COLOR	MANUFACTURER	MODEL	REMARKS
ER-A		CEILING OR SIDEWALL REGISTER	RE: PLAN	RE: PLAN	RE: PLAN	LOUVERED FACE, 1/2" BLADE SPACING, 35° FIXED DEFLECTION	LAY-IN OR SURFACE MOUNTED	ALUMINUM	NO	ONLY IF REGISTER IS MOUNTED TO EXPOSED SPIRAL DUCT	NO	WHITE , UNLESS OTHERWISE NOTED	TITUS	355FL	SEE NOTES BELOV
LD-A	SUPPLY	LINEAR DIFFUSER	RE: PLAN	RE: PLAN	RE: PLAN	EXTRUDED ALUMINUM BAR GRILLE WITH 1/8" BARS, 1/2" SPACING, 0° DEFLECTION	SURFACE MOUNTED WITH CONCEALED SCREW FASTENING	ALUMINUM	NO	NO	NO	WHITE FLANGES, BLACK PATTERN CONTROLLER & VISIBLE INTERNAL SURFACES		CT-580	SEE NOTES BELOW

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.

2. ALL FINISH COLORS ARE SUBJECT TO APPROVAL BY THE ARCHITECT. SUBMIT COLOR CHART FOR REVIEW.

3. COORDINATE BORDER TYPES WITH ARCHITECTURAL CEILING SPECIFICATIONS.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

HIGH SCHOOL

ARCHITECT

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STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

BRIDGEWATER, MA 02324

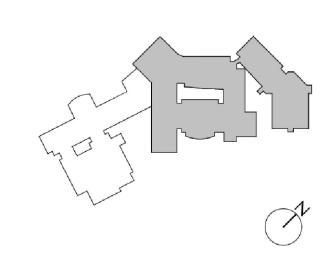
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BID SET	01/03/2
ISSUE	D

KEY PLAN



PROJECT NO. 66-03-01-03-0MEMASI PROJECT NO. 1

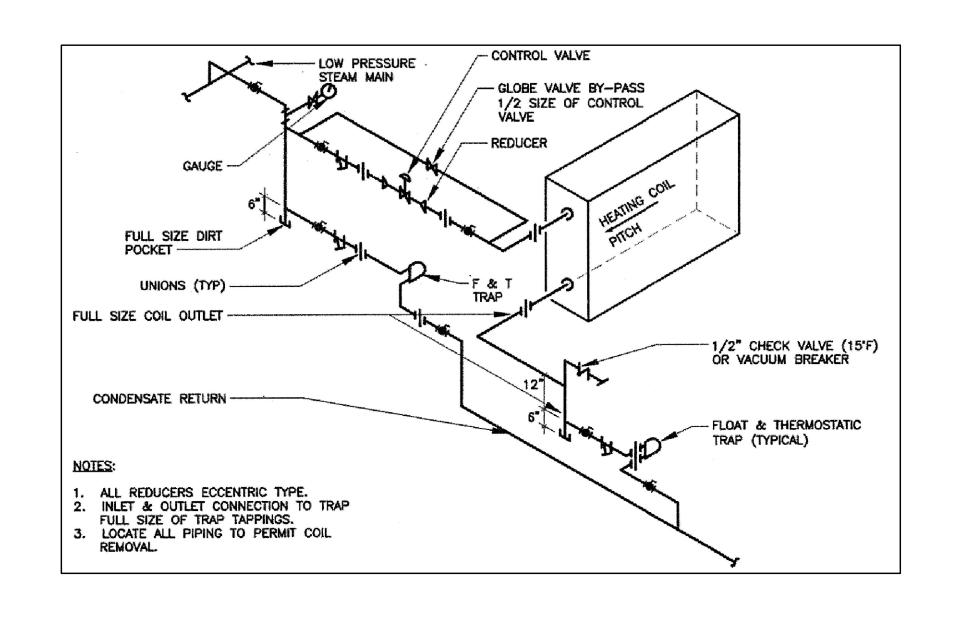
SCHEDULES

HS M201

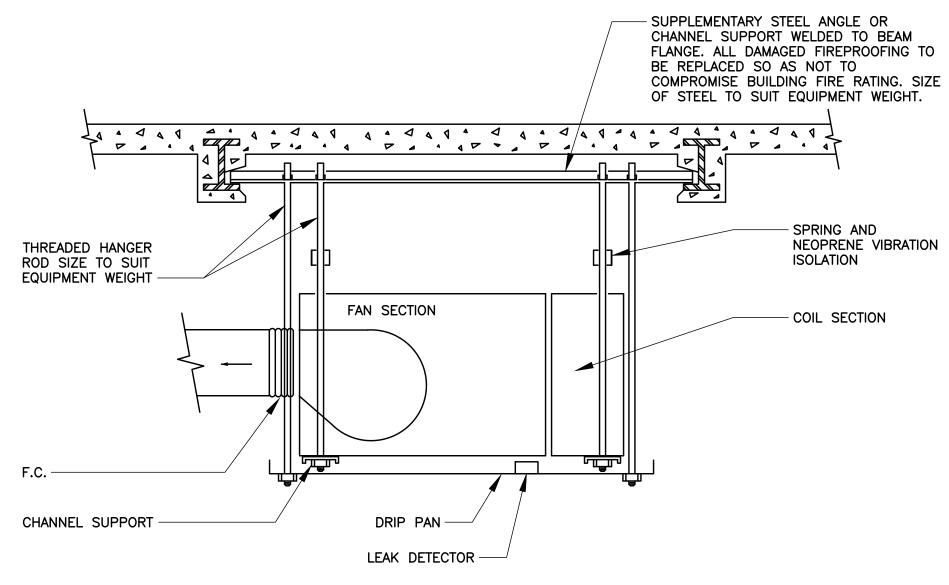
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12/30/2022 1:00 AM Reiss, Jeremy U:\223030829\D_WORKING_FILES\00_MEP\02_CAD\PHASE_2_EUFSD_VESTIBULES\SHEFTS\HS\223030829_HS_M00

TYPICAL DUCT HANGING DETAIL



STEAM COIL PIPING DETAIL

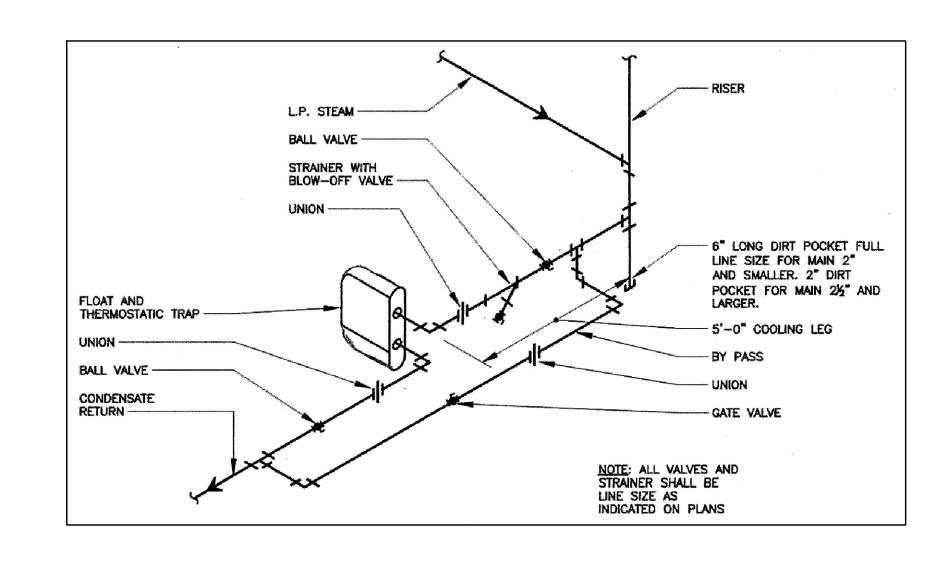


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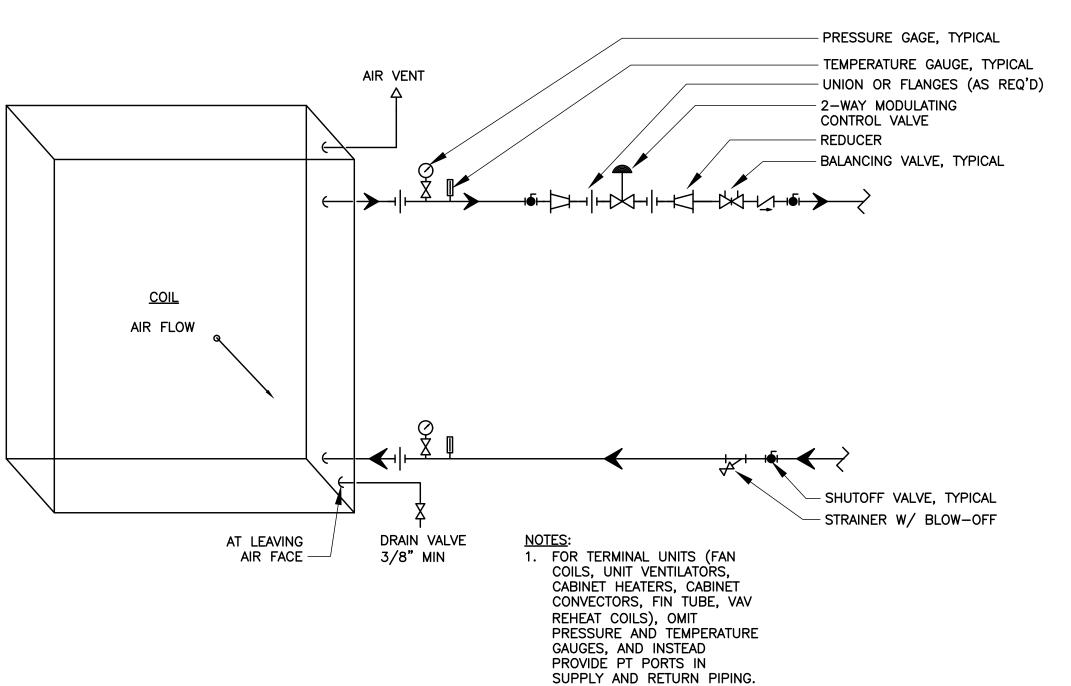
1. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WITH COOLING COILS (4-PIPE FAN COIL UNIT WITH HOT AND CHILLED WATER COILS, 2-PIPE FAN COIL UNIT WITH A DUAL-TEMPERATURE HOT/CHILLED WATER COIL, ETC.).

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.

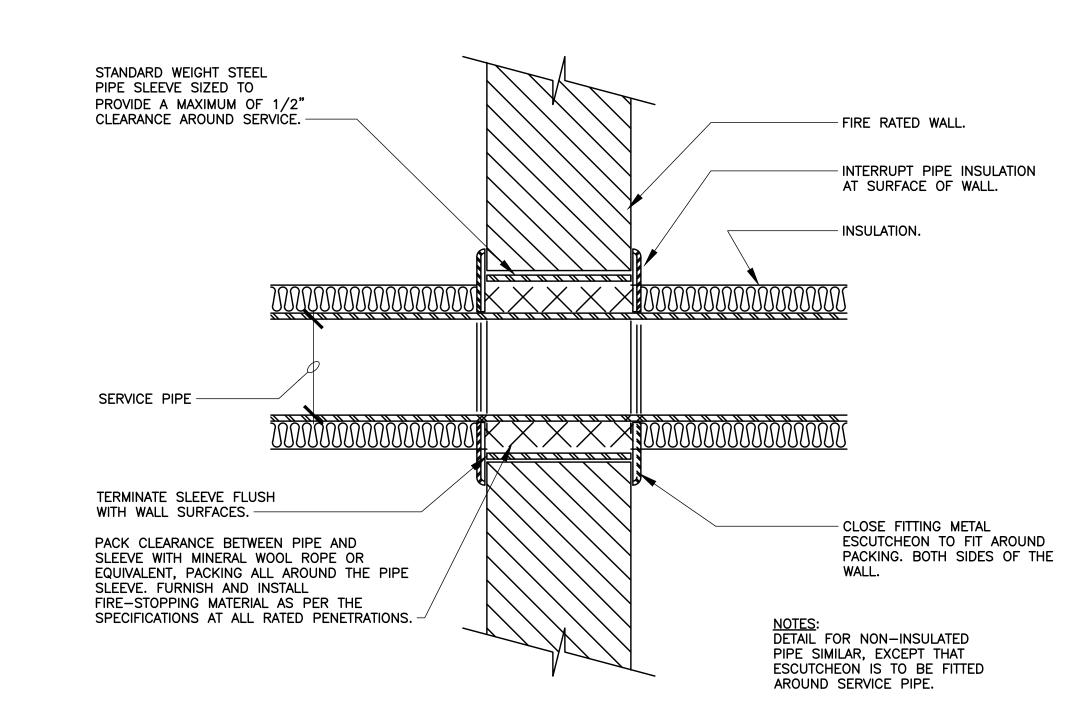
HVAC EQUIPMENT HANGING DETAIL



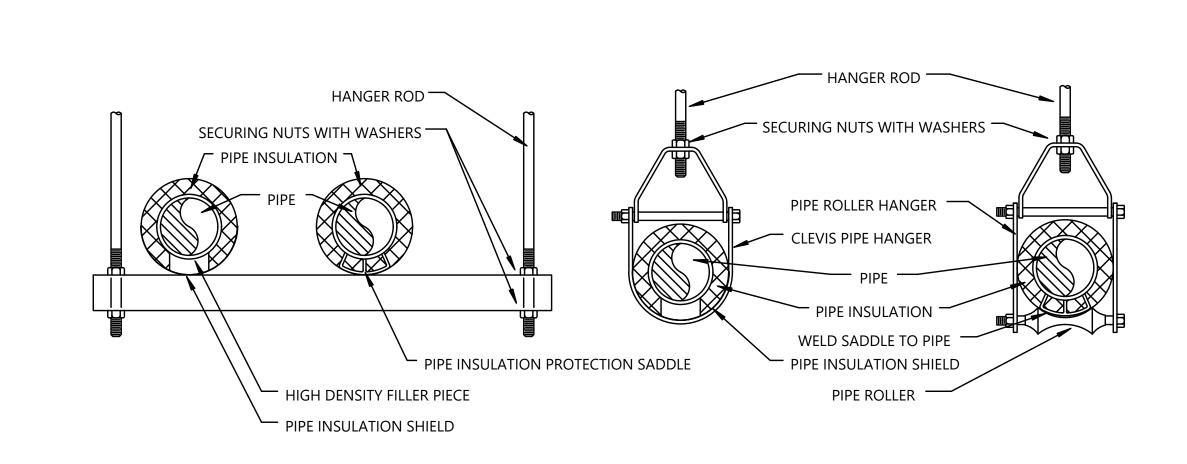
STEAM TRAP PIPING DETAIL



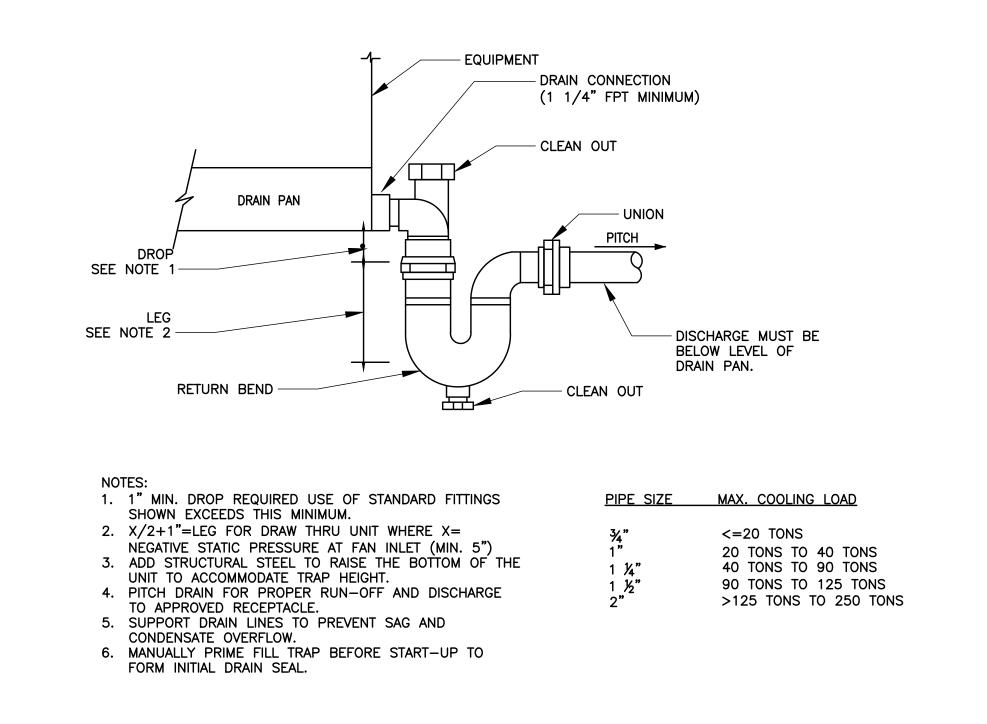
HOT WATER, CHILLED WATER, OR DUAL TEMPERATURE COIL PIPING DETAIL



DETAIL OF PIPE THROUGH RATED PARTITION OR FLOOR



PIPE HANGING DETAIL



TYPICAL CONDENSATE DRAIN PIPING DETAIL (DRAW THROUGH)

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

HIGH SCHOOL

ARCHITECT $M \equiv M \land S$

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

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HAZARDOUS MATERIALS CONSULTANT
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250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10014

BRIDGEWATER, MA 02324

IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/ PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE

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BID SET	01/03/20

KEY PLAN

PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

DETAILS

HS M301

	ELECTRICAL SYMBOL LIST
	(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)
SYMBOL	DESCRIPTION
Ф	20A, 125V DECORA STYLE DUPLEX RECEPTACLE - FLUSH WALL MOUNTED
₩	20A, 125V DECORA STYLE QUADRUPLEX RECEPTACLE - FLUSH WALL MOUNTED
•	20A, 125V DECORA STYLE GFCI TYPE DUPLEX RECEPTACLE - FLUSH WALL MOUNTED
WPΦ	20A, 125V GFCI TYPE WEATHER RESISTANT DUPLEX RECEPTACLE IN WEATHER PROOF ENCLOSURE
0	20A, 125V DECORA STYLE DUPLEX RECEPTACLE — CEILING MOUNTED
•	SPECIAL PURPOSE RECEPTACLE - FLUSH WALL MOUNTED
lacktriangledown	DATA OUTLET WITH 1 1/4"E.C. UP TO CEILING. TURN 90° AND STUB AND BUSH 6" INTO ACCESSIBLE CEILING
(CEILING MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
<u> </u>	FLUSH WALL MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
J	FLUSH FLOOR MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
ď	UNFUSED DISCONNECT SWITCH
□ 100A 60A	FUSED DISCONNECT SWITCH - 100 AMP SWITCH, 60 AMP FUSE, UNFUSED (EXCEPT WHERE FUSE SIZE IS INDICATED) 3-POLE (EXCEPT WHERE NOTED)
\boxtimes	COMBINATION MOTOR CONTROLLER AND DISCONNECT SWITCH FURNISHED BY MECHANICAL CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR. COOR. LOCATION W/MECH. CONT.
$ \begin{array}{c} \text{CB} & \frac{100A}{60A} \end{array} $	CIRCUIT BREAKER 100A FRAME/60A TRIP, 3 POLE, U.O.N. ST - SHUNT TRIP
VFD	VARIABLE FREQUENCY DRIVE (VFD), FURNISHED BY MECHANICAL CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR. COORD. LOCATION WITH MECH. CONTRACTOR
M	MOTOR
	PULLBOX, SIZED PER NEC
T	DRY TYPE 480-208V TRANSFORMER DELTA-WYE WITH GROUNDED SECONDARY SIDE, UON.
-	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
TT GND	GROUND BAR
	2#12+1#12G-3/4"C FOR ONE CKT. HOMERUN, U.O.N.
_	4#12+1#12G-3/4"C FOR TWO CKT. HOMERUN, U.O.N.
	6#12+1#12G-3/4"C FOR THREE CKT. HOMERUN, U.O.N.
	3#12+1#12G-3/4"C HOMERUN, U.O.N.
	CONCEALED CONDUIT
	CONDUIT TURNING UP
─	CAPPED CONDUIT
~	FLEXIBLE EQUIPMENT CONNECTION
Ţ	GROUND CONNECTION
\$ _⊤	MANUAL STARTER - TOGGLE TYPE WITH THERMAL ELEMENT - 250V HP RATED, FURNISHED BY ELEC CONTRACTOR
RP	SECURITY DEVICE REPEATER

	LIGHTING CONTROL SYMBOL LIST									
	(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)									
SYMBOL	DESCRIPTION									
\$	SINGLE POLE LINE VOLTAGE SWITCH									
\$ ^K	KEY ACTIVATED LINE VOLTAGE SWITCH									
₽ुं	DUAL TECHNOLOGY OCCUPANCY SENSOR, WALL MTD.									
(VS)	DUAL TECHNOLOGY VACANCY SENSOR, CEILING MTD.									
ws _M	LOW VOLTAGE LIGHTING CONTROL MASTER LIGHTING CONTROL WALL STATION									
ws _{K,OR}	LOW VOLTAGE LIGHTING CONTROL LOCAL LIGHTING CONTROL WALL STATION ("OR" DENOTES VACANCY SENSOR OVERRIDE, "K" DENOTES KEY SWITCH)									
<u>@</u>	EXTERIOR LIGHTING PHOTOCELL									

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

	ELECTRICAL AE	BBREVIATI	ONS
	(NOT ALL SYMBOLS SHOWN ARE NEC	CESSARILY USE	ED ON THIS PROJECT)
Α	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
С	CONDUIT	MIN	MINIMUM
СВ	CIRCUIT BREAKER	MTD	MOUNTED
CCTV	CLOSED CIRCUIT TELEVISION	N	NEUTRAL
CKT	CIRCUIT	NIC	NOT IN CONTRACT
СО	CARBON MONOXIDE	NTS	NOT TO SCALE
СОММ	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	EXISITNG 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	٧	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		27.1 200.011 1 11001
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

2016 ASHRAE 90.1

 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

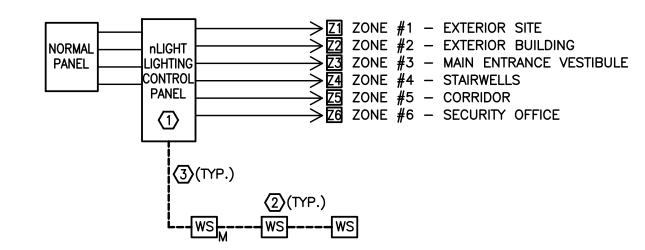
REFERENCED STANDARDS

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 NPFA 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

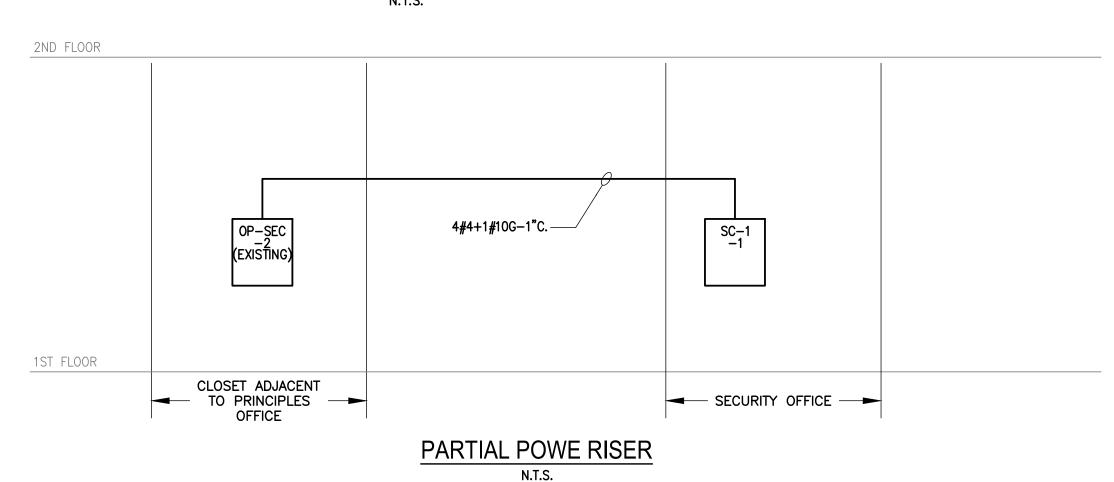
	ELECTRICAL DRAWING LIST
Sheet Number	Sheet Title
MHS E001	COVER SHEET
MHS E002	ELECTRICAL GENERAL NOTES
MHS ED101	FIRST FLOOR VESTIBULE POWER DEMOLITION PARTIAL PLAN
MHS E101	FIRST FLOOR VESTIBULE POWER PARTIAL PLAN
MHS E201	FIRST FLOOR HIGH SCHOOL LIGHTING PARTIAL PLAN
MHS E202	FIRST FLOOR MIDDLE SCHOOL LIGHTING PARTIAL PLAN
MHS E203	SECOND FLOOR MIDDLE SCHOOL LIGHTING PARTIAL PLAN
MHS E204	SITE LIGHTING PLAN
MHS E301	CELLAR SECURITY EQUIPMENT POWER PLAN
MHS E302A	FIRST FLOOR SECURITY EQUIPMENT POWER PLAN (HIGH SCHOOL)
MHS E302B	FIRST FLOOR SECURITY EQUIPMENT POWER PLAN (MIDDLE SCHOOL)
MHS E303A	2ND FLOOR SECURITY EQUIPMENT POWER PLAN (HIGH SCHOOL)
MHS E303B	2ND FLOOR SECURITY EQUIPMENT POWER PLAN (MIDDLE SCHOOL)
MHS E304	3RD FLOOR SECURITY EQUIPMENT POWER PLAN
MHS E601	ELECTRICAL PANEL SCHEDULES SHEET I OF II
MHS E602	ELECTRICAL PANEL SCHEDULES SHEET II OF II

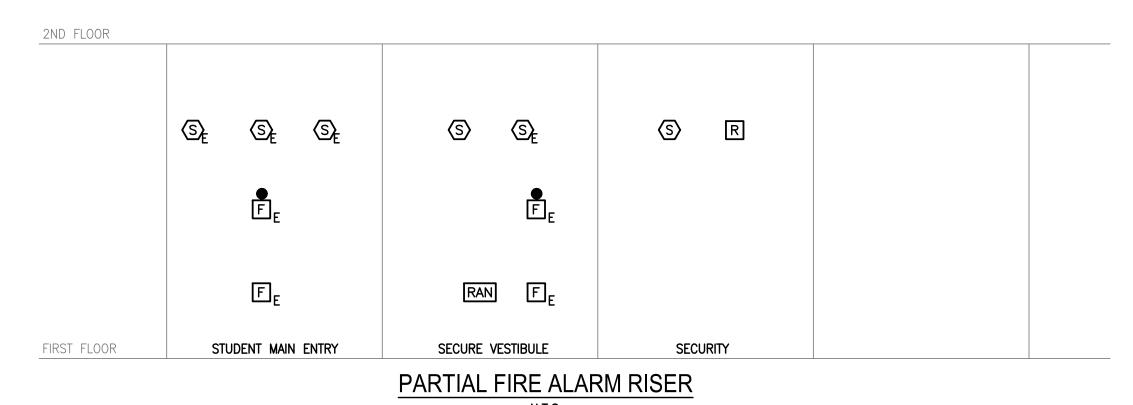
			LIGHTING FIXTURE SCHE	DULE		
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	WATTAGE / CCT / LUMENS / CRI	VOLTS	NOTES
HS1	2X2 FLAT PANEL	METALUX	22FP3235C	29 / 3500K / 3307 / 80	UNV	EL14W EM PACK WHERE INDICATE
HS2	4" DOWNLIGHT	USAI	B4RDF 16G1 30KS 50 S BZ NCIC UNV-D6E EM	16 / 3000K / 1425 / 80	UNV	INVERTER DSPM CMIC-125-120/120
HS3	PENDANT	VISA LIGHTING	CP4517 L30K(H)-MVOLT-GSIL-OAH(43)	38 / 3000K / 4700 / 80	UNV	INVERTER DSPM CMIC-75-120/120
HS4	2X4 FLAT PANEL	METALUX	24FP4735C	41 / 3500K / 4591 / 80	UNV	EL14W EM PACK WHERE INDICATE
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
						SHIP WITH ALL MOUNTING OPTIONS
X2	EXIT SIGN	LITHONIA	LQM S W 3 R 120/277 EL N M6	1W	UNV	DIRECTIONAL INDICATORS
			ELA LQMUS12			PER PLANS



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

TYPICAL LIGHTING RELAY CONTROL PANEL, U.O.N





FIRE ALARM GENERAL NOTES:

- 1. PROVIDE ALL EQUIPMENT, PROGRAMMING & WIRING REQUIRED FOR A COMPLETE CODE COMPLIANT SYSTEM.
- 2. PROVIDE ALL FILING, PERMIT & FIRE DEPARTMENT INSPECTION FEES.
- 3. ALL NOTIFICATION AND SIGNAL LINE CIRCUITS SHALL BE CLASS B WIRING WITHOUT T-TAPPING OF CIRCUITS.
- 4. COORDINATE WITH THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE EXACT SEQUENCE OF OPERATIONS.
- 5. SMOKE DETECTORS SHALL BE A MINIMUM OF 3 FEET FROM ALL SUPPLY DIFFUSERS.

6. 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.

- 7. ALL FIRE ALARM EQUIPMENT SHALL BE APPROVED BY LOCAL AHJ PRIOR TO ORDERING.
- 8. FIRE ALARM RISER IS A DIAGRAMMATIC REPRESENTATION OF THE SYSTEM. REFER TO FLOOR PLANS FOR DEVICE QUANTITY AND LOCATIONS.
- 9. ALL FIRE ALARM CABLING SHALL BE PLENUM RATED AND MEET PATHWAY SURVIVABILITY LEVEL 2.

ADDRESSABLE CARDS/AMPLIFIER/POWER SUPPLY/WIRING AND CONDUIT AS REQUIRED.

10. ALL FIRE ALARM ANNUNCIATING DEVICES SHALL BE "RED".

11. 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.

- 12. 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. 13. REMOVE EXISTING FIRE ALARM DEVICES IN SCOPE OF WORK AREA WHERE NEW DEVICES ARE INDICATED.
- 14. ALL NEW FIRE ALARM DEVICES SHALL BE TIED INTO EXISTING ADDRESSABLE FIRE ALARM LOOPS. PROVIDE ADDITIONAL

EXTERIOR LIGHTING SCHEDULE Symbol Qty Label Arrangement Description Luminaire Luminaire Total BUG Rating Mounting Lumens Watts Watts Height GWC-SA1C-730-U-T4FT Wall 0.912 6920 G1-T4FT GWC-SA1C-730-U-T3 Wall Single

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$ 2 LYON PLACE

WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM

> SITE - CIVIL CONSULTANT THE LA GROUP

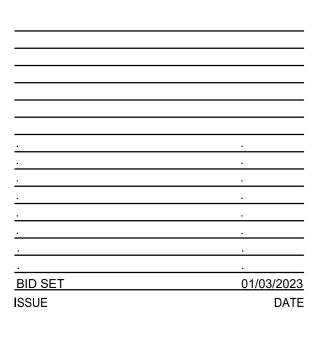
179 GRAHAM ROAD ITHACA, NY 14850 STRUCTURAL CONSULTANT

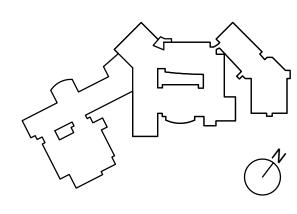
REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762

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 10014





PROJECT NO. MEMASI PROJECT NO.

KEY PLAN

COVER SHEET

MHS E001

ELECTRICAL GENERAL NOTES

- . ALL WORK SHALL COMPLY WITH REQUIREMENTS OF THE NATIONAL ELECTRIC CODE, BUILDING DEPARTMENT, BUILDING MANAGEMENT, ALL AUTHORITIES HAVING JURISDICTION, AND APPLICABLE NATIONAL, STATE, AND LOCAL CODES. LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK SHALL BE INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS. CONTRACTOR IS TO INFORM THE ENGINEER OF ANY EXISTING WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATION OF LAWS AND REGULATIONS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE BY THIS CONTRACTOR AND AT NO EXPENSE TO THE OWNER.
- 2. PRIOR TO SUBMISSION OF BID, THIS CONTRACTOR SHALL VISIT THE JOB SITE TO ASCERTAIN THE ACTUAL FIELD CONDITIONS AS THEY RELATED TO THE WORK AS INDICATED ON THE DRAWINGS AND DESCRIBED HEREIN. DISCREPANCIES, IF ANY, SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO SUBMISSION OF BID, AND, IF NOT RESOLVED TO SATISFACTION, SHALL BE SUBMITTED AS A WRITTEN QUALIFICATION OF THE BID. SUBMISSION OF A BID SHALL BE EVIDENCE THAT SITE VERIFICATION HAS BEEN PERFORMED AS DESCRIBED ABOVE.
- 3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND APPROXIMATE LOCATION OF EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND COORDINATE FINAL LOCATIONS OF SWITCHES, LIGHT FIXTURES, RECEPTACLES, ETC. WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS. IF A CONFLICT OCCURS IN THE SPECIFICATIONS AND/OR ON THE DRAWINGS, THE MORE STRINGENT SITUATION SHALL APPLY.
- 4. PRIOR TO SUBMISSION OF BID, THIS CONTRACTOR SHALL REVIEW ALL DRAWINGS OF THE ENTIRE PROJECT INCLUDING GENERAL CONSTRUCTIONS, DEMOLITION, ARCHITECTURAL, MECHANICAL, ELECTRICAL, TELECOM/AV/SECURITY, PLUMBING, AND FIRE PROTECTION AND SHALL INCLUDE ANY WORK REQUIRED IN THE BID WHICH IS INDICATED OR IMPLIED TO BE PERFORMED BY THIS TRADE IN OTHER SECTIONS OF
- 5. ANY EQUIPMENT, PARTS, MATERIALS, ACCESSORIES, OR LABOR THAT IS NECESSARY FOR PROPER PERFORMANCE OF THE ELECTRICAL WORK, ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN, OR SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED AS IF CALLED FOR IN DETAIL WITHOUT
- 6. THIS CONTRACTOR SHALL SUBMIT FOR APPROVAL, A PLAN INDICATING THE SIZE AND LOCATION OF ALL ACCESS DOORS REQUIRED FOR OPERATION AND MAINTENANCE OF ALL CONCEALED EQUIPMENT, DEVICES, JUNCTION BOXES, PULL BOXES, ETC. THIS CONTRACTOR SHALL ARRANGE FOR FURNISHING AND INSTALLATION OF ALL ACCESS DOORS IN FINISHED CONSTRUCTION AND INCLUDE COSTS IN THE BID.
- 7. REMOVAL, TEMPORARY CONNECTIONS, AND RELOCATION OF CERTAIN EXISTING WORK WILL BE NECESSARY FOR THE INSTALLATION OF THE NEW SYSTEMS. ALL EXISTING CONDITIONS ARE NOT COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE AND MAKE ALL NECESSARY CHANGES REQUIRED BASED ON EXISTING CONDITIONS FOR PROPER INSTALLATION OF NEW WORK.
- 8. PLAN INSTALLATION OF NEW WORK AND CONNECTIONS TO EXISTING WORK TO ENSURE MINIMUM INTERFERENCE WITH REGULAR OPERATION OF EXISTING FACILITIES. ALL SYSTEM SHUTDOWNS AFFECTING OTHER AREAS SHALL BE ORGANIZED WITH BUILDING MANAGEMENT. PROVIDE TEMPORARY FEEDERS, CIRCUITRY, ETC., AS REQUIRED TO MINIMIZE DOWNTIME.
- 9. DISCONNECTS SHALL BE 'QUICK-BREAK' HEAVY DUTY TYPE IN NEMA 1 ENCLOSURE FUSED OR UN-FUSED AS INDICATED ON THE DRAWINGS. FUSES FOR SWITCHES SHALL BE CURRENT LIMITING TYPE WITH AN INTERRUPTING CAPACITY OF 200,000 RMS AMPERES AND OF THE CONTINUOUS CURRENT RATING AS SHOWN ON THE DRAWINGS.
- 10. CIRCUIT BREAKERS SHALL BE 'THERMAL MAGNETIC' TYPE, QUICK-MAKE, QUICK-BREAK WITH NON-WELDING CONTACTS COMPENSATED FOR AMBIENT TEMPERATURES AND SHALL HAVE A MINIMUM SHORT CIRCUIT RATING OF 10,000 AMPERES SYMMETRICAL FOR 120/208V PANELS AND 14,000 AMPERES SYMMETRICAL FOR 277/480V PANELS OR HIGHER WHERE NOTES.
- 11. CONDUIT SHALL BE RIGID THREADED REGARDLESS OF SIZE IN LOCATIONS PER PROJECT SPECIFICATIONS.
- 12. ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION. UNLESS OTHERWISE NOTED. UNLESS SPECIFIED ALL WIRE #10 AWG AND SMALLER SHALL BE SOLID CONDUCTORS AND 8 AWG AND LARGER SHALL BE STRANDED.
- 13. BRANCH CIRCUIT WIRE SIZE: THE MINIMUM WIRE SIZE FOR BRANCH CIRCUITS SHALL BE NO. 12 AWG EXCEPT 120V CIRCUITS OVER 80 FEET IN LENGTH SHALL BE 10 AWG.
- 14. PULL BOXES, JUNCTION BOXES, AND OUTLET BOXES SHALL BE MANUFACTURED FROM GALVANIZED
- 15. PROVIDE PULL BOXES AND JUNCTION BOXES IN LONG STRAIGHT RUNS OF RACEWAY TO ASSURE THAT CABLES ARE NOT DAMAGED WHEN THEY ARE PULLED, TO FULFILL REQUIREMENTS AS TO THE NUMBER OF BENDS PERMITTED IN RACEWAY BETWEEN CABLE ACCESS POINTS, THE ACCESSIBILITY OF CABLE JOINTS AND SPLICES, AND THE APPLICATION OF CABLE SUPPORTS.
- 16. PULL BOXES AND JUNCTION BOXES SHALL BE SIZED SO THAT THE MINIMUM BENDING RADIUS CRITERIA SPECIFIED FOR THE WIRES AND CABLE ARE MAINTAINED.
- 17. ALL EQUIPMENT, DEVICE BOXES, JUNCTION BOXES, PULL BOXES, AND OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO THE BOX. IF NECESSARY AND APPROVED BY OWNER/ENGINEER, PROVIDE ACCESS DOOR OR COVER PLATES IN AREAS WHERE UNOBSTRUCTED ACCESS
- 18. OPENINGS AROUND ELECTRICAL PENETRATION THROUGH FIRE RESISTANCE RATED WALL, PARTITIONS, FLOOR OR CEILING SHALL BE FIRE STOPPED USING APPROVED METHODS. SEALANT SHALL BE RATED FOR THREE (3) HOURS.

19. HEIGHTS OF OUTLETS FROM FINISHED FLOOR TO CENTERLINE OF OUTLET:

 RECEPTACLES AND TELEPHONES GENERALLY

INDUSTRY STANDARD SHALL STEEL.

ADDITIONAL COST.

- COORDINATE WITH ARCHITECT OVER WORK BENCHES COORDINATE WITH ARCHITECT WALL SWITCHES
- WALL FIXTURES MOTOR CONTROLLERS
- FIRE ALARM PULL STATIONS
- FIRE ALARM HORN/SPEAKER/STROBES 6'8" AFF OR 6" BELOW CEILING (WHICHEVER IS GREATER) EXCEPTIONS: AT JUNCTION BOXES OF DIFFERENT WALL FINISH MATERIALS, ON MOLDING OR BREAK IN
- WALL SURFACE, IN VIOLATION OF CODE REQUIREMENTS, AS NOTED OR DIRECTED. 20. PROVIDE WEIGHTS, LOCATIONS, AND DIMENSIONS OF EQUIPMENT IN EXCESS OF 200 LBS. SUPPORTED ON FLOOR OR HUNG FROM BUILDING STRUCTURE TO BASE BUILDING STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- 21. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH HVAC, PLUMBING, FIRE PROTECTION, TELECOM/AV/SECURITY, AND OTHER TRADES FOR EXACT LOCATION OF ALL MOTOR AND CONTROL DEVICES, BACK BOXES, AND CONDUIT REQUIREMENTS. LOCATIONS AS SHOWN ON ELECTRICAL DRAWINGS
- ARE APPROXIMATE.
- 22. EXTERIOR RECEPTACLES SHALL BE PROVIDED WITH WEATHERPROOF "WHILE IN USE" COVERS. 23. ALL FIRE ALARM NOTIFICATION APPLIANCES SHALL BE "RED."

ELECTRICAL LIGHTING NOTES

- 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
- 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.

DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO

- 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
- H. ALL LIGHT FIXTURES DESIGNATED WITH "EM" SHALL BE PROVIDED WITH EMERGENCY BATTERY PACK CAPABLE OF FULL LIGHT OUTPUT FOR MINIMUM 90 MINUTES.
- EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELLS AND TIMECLOCKS WITH A MANUAL OVERRIDE SWITCHES LOCATED IN ELECTRICAL ROOMS.

ELECTRICAL DEMOLITION NOTES

GENERAL

- 1.1. SEE ARCHITECTURAL DEMOLITION DRAWINGS FOR NUMBER OF LIGHTING FIXTURES AND DEVICES TO BE REMOVED AND OR
- 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
- CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS AS REQUIRED TO BUNDLE, NEATEN, AND CLEAN UP EXISTING LOOSE CABLING 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.

ELECTRICAL POWER NOTES

- 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. RECEPTACLES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH DEVICE. CIRCUITRY MAY BE SHOWN IN CERTAIN INSTANCES.
- . 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.
- 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 (I.E. ELECTRIC HINGES, CARD READERS, ELECTRIC STRIKES, MAGNETIC 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 2#12 & 1#12 GND IN 3/4" CONDUIT OR MC CABLE IN LOCATIONS PERMITTED PER PROJECT SPECIFICATIONS TO PANEL & CIRCUIT INDICATED. MAXIMUM OF THREE HOME RUNS PER
- H. MULTIWIRE BRANCH CIRCUITS SUPPLYING POWER TO FURNITURE PARTITIONS SHALL BE PROVIDED WITH MEANS TO DISCONNECT POWER SIMULTANEOUSLY.
- 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 SCHEDULES. 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.
- 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.
- D. 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.

ELECTRICAL - IT/AV/SECURITY COORDINATION NOTES

- ELECTRICAL CONTRACTOR SHALL REFER TO IT/AV/SECURITY DRAWINGS AND COORDINATE WITH IT/AV/SECURITY CONSULTANT/VENDOR AND ARCHITECT/INTERIOR DESIGNER TO PRVIDE THE FOLLOWING: 1.1. SERVICE ENTRANCE CONDUITS AND CONDUIT BETWEEN MDF AND IDF ROOMS — TYPE, SIZE, QUANTITY, SPACING AND
- 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

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

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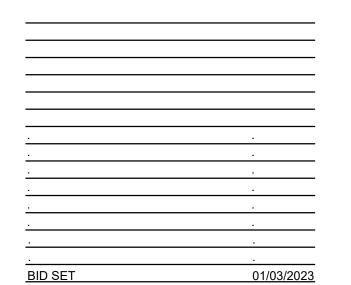
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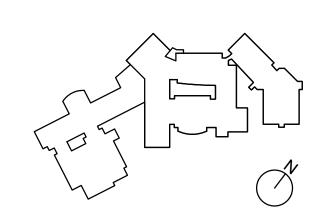
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762

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

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HAZARDOUS MATERIALS CONSULTANT ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014





KEY PLAN

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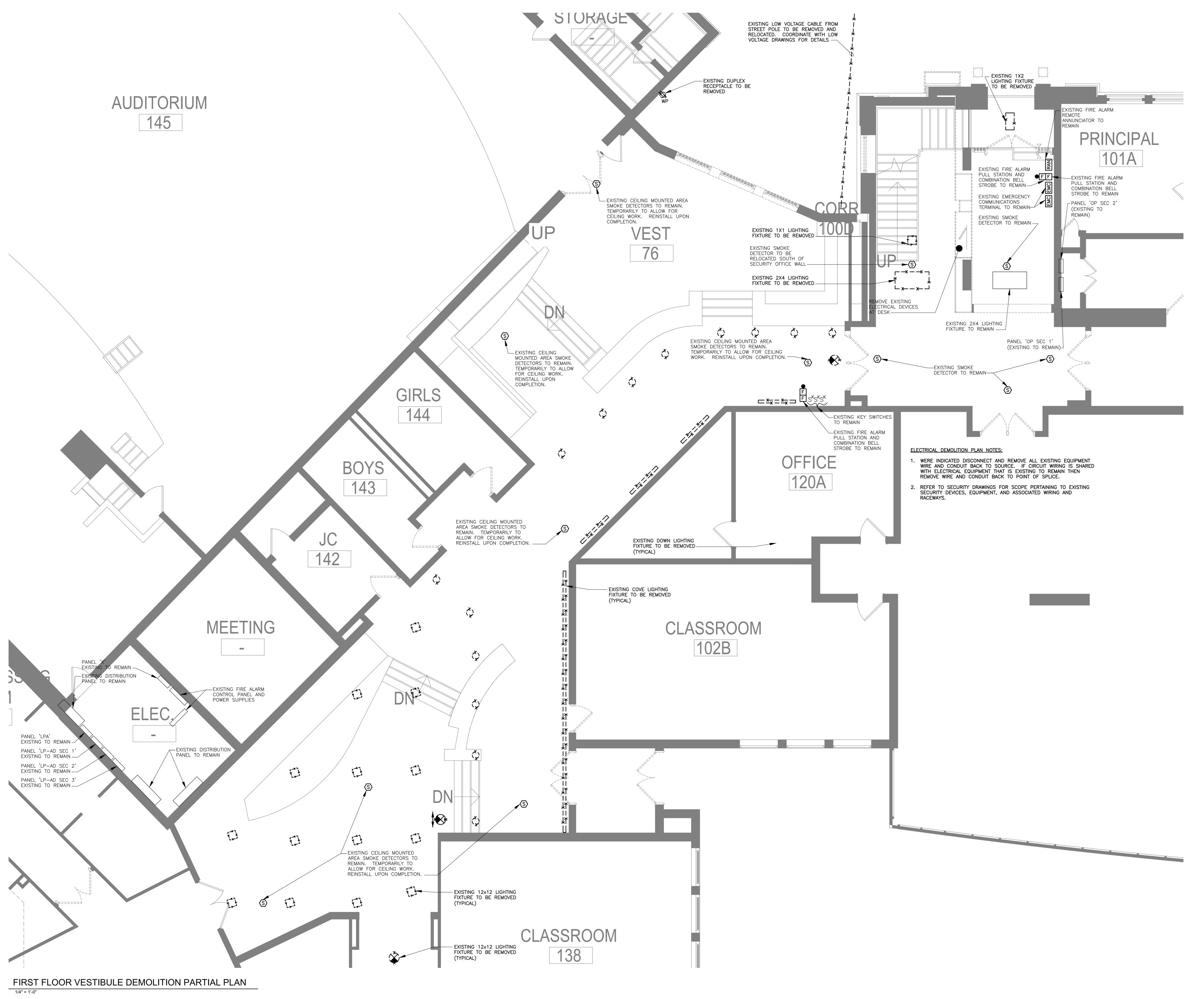
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GENERAL NOTES

66-03-01-03-0-003-030

MHS E002

ELECTRICAL



2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

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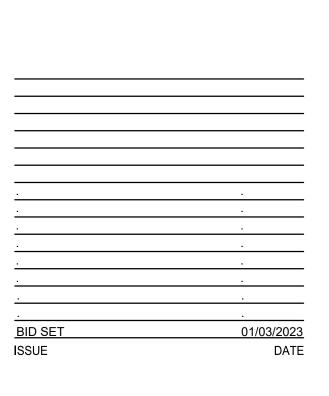
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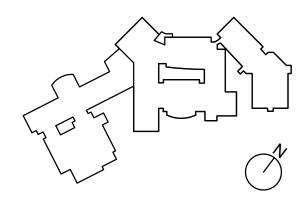
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NEW YORK, NY 10014



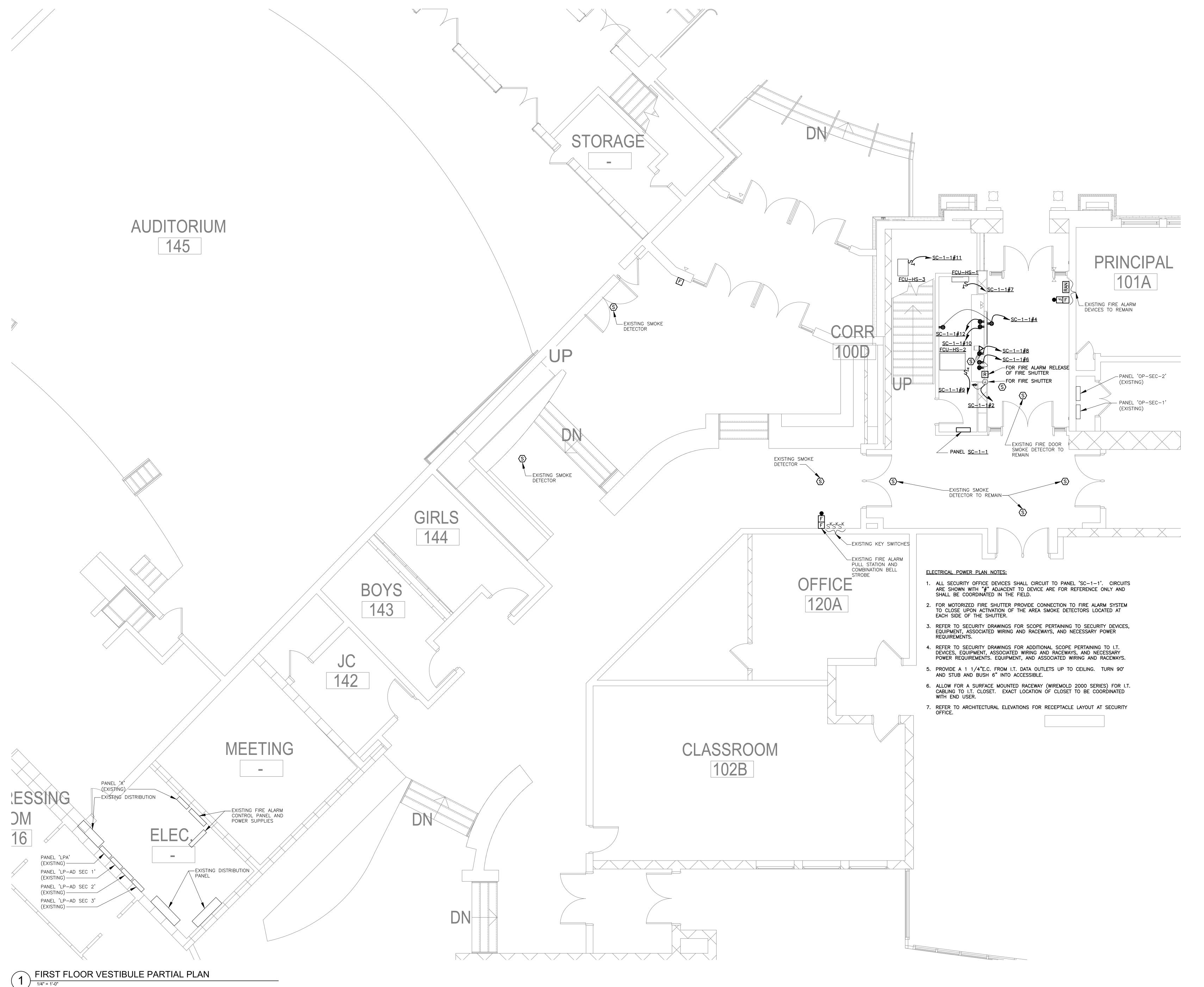


PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

FIRST FLOOR
VESTIBULE
POWER
DEMOLITION
PARTIAL PLAN

MHS ED101



2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

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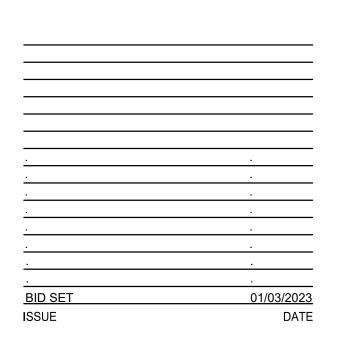
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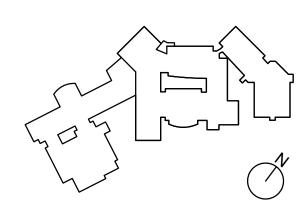
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KEY PLAN

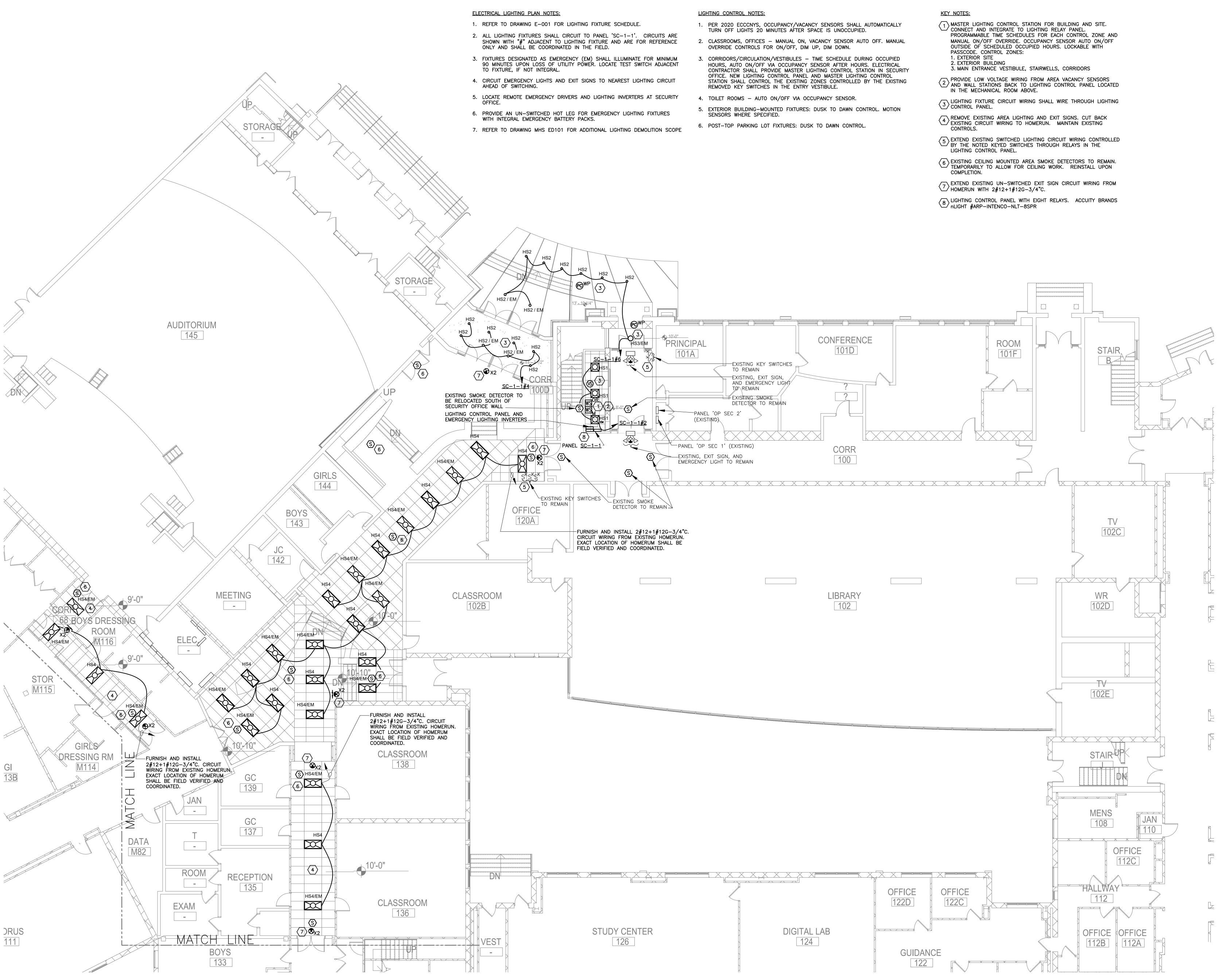


PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

FIRST FLOOR VESTIBULE POWER PARTIAL PLAN

MHS E101



FIRST FLOOR HIGH SCHOOL LIGHTING PARTIAL PLAN

1/8" = 1'-0"

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

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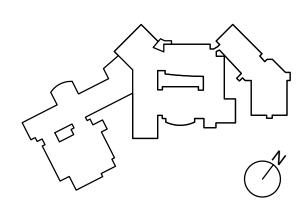
STAMFORD, CT 06905

BRIDGEWATER, MA 02324

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250 W 34TH ST., 4TH FLOOR
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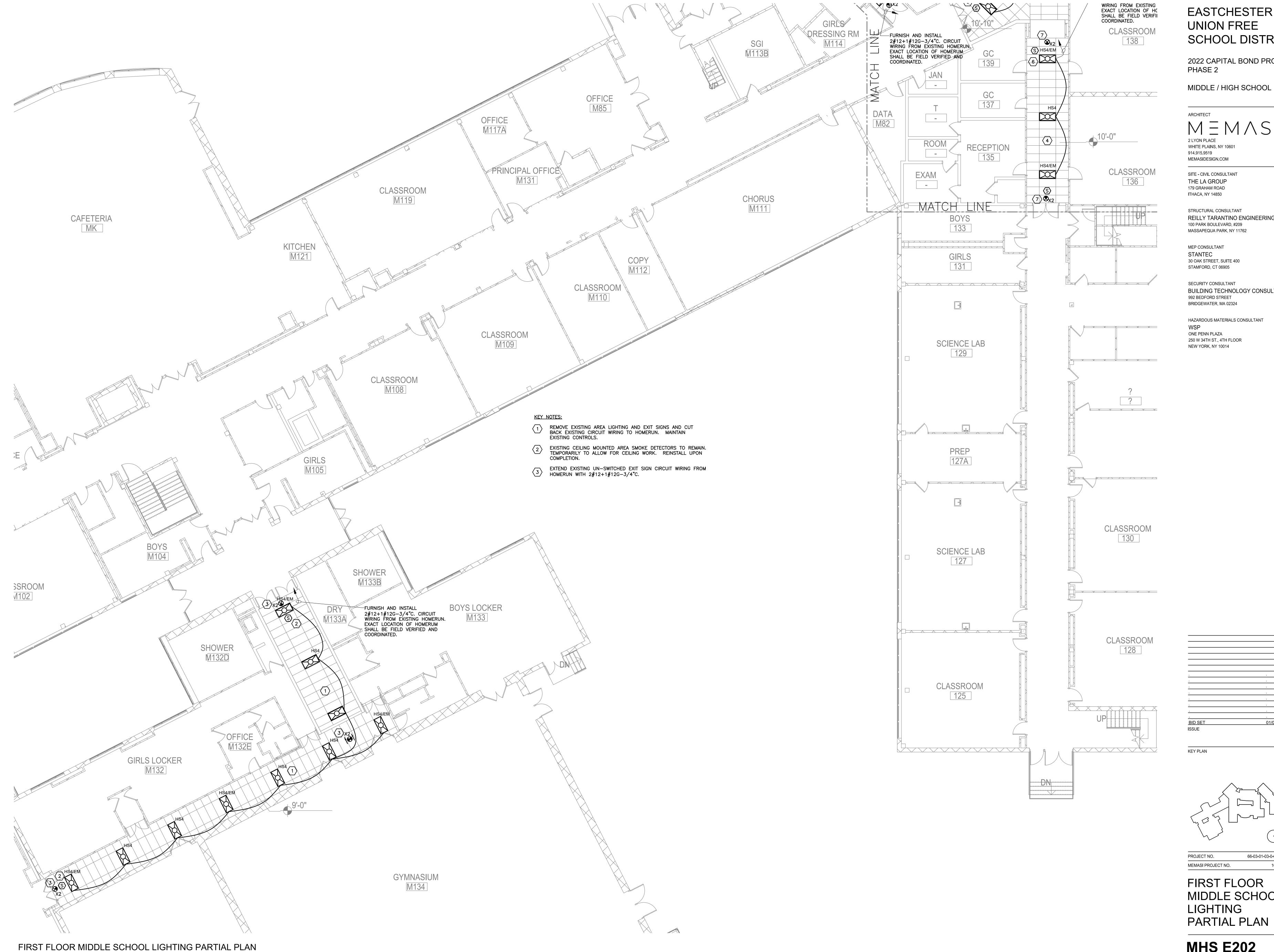


PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

FIRST FLOOR
HIGH SCHOOL
LIGHTING
PARTIAL PLAN

MHS E201



2022 CAPITAL BOND PROJECT

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HAZARDOUS MATERIALS CONSULTANT

MIDDLE SCHOOL PARTIAL PLAN

MHS E202



2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

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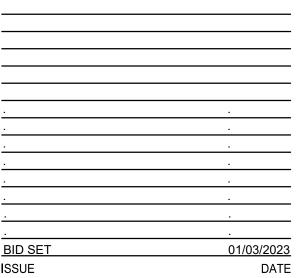
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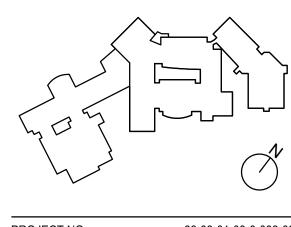
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762

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

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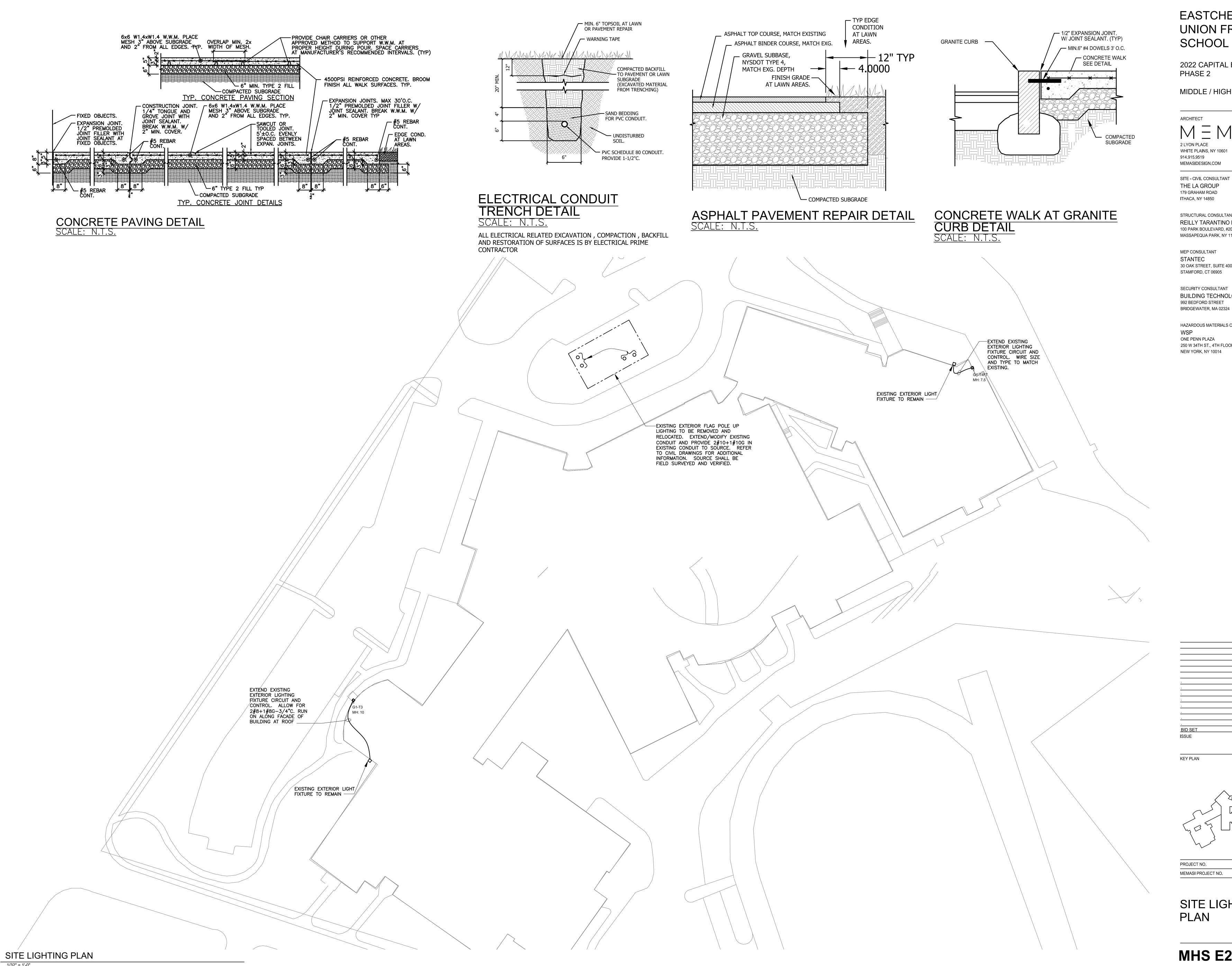




MEMASI PROJECT NO.

SECOND FLOOR MIDDLE SCHOOL LIGHTING PARTIAL PLAN

MHS E203



2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$

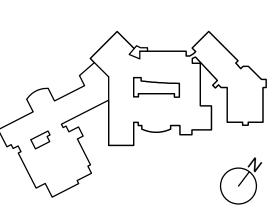
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD

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SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

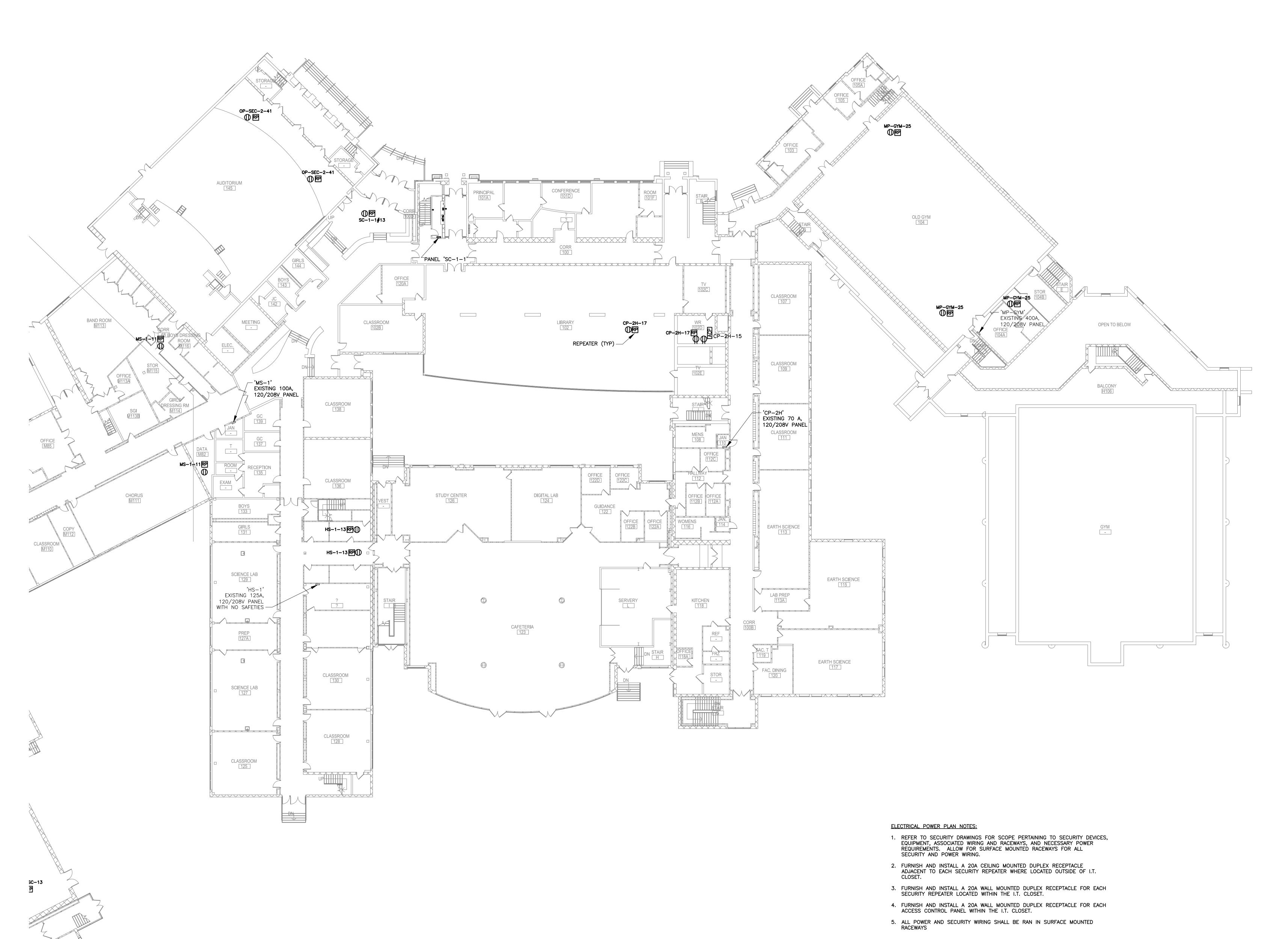
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

SITE LIGHTING PLAN

MHS E204



CELLAR SECURITY POWER PLAN

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

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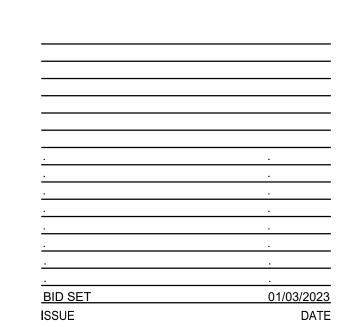
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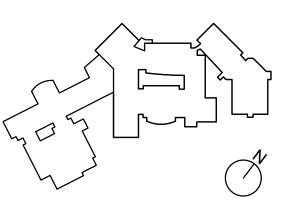
MASSAPEQUA PARK, NY 11762

STAMFORD, CT 06905 SECURITY CONSULTANT

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HAZARDOUS MATERIALS CONSULTANT ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014

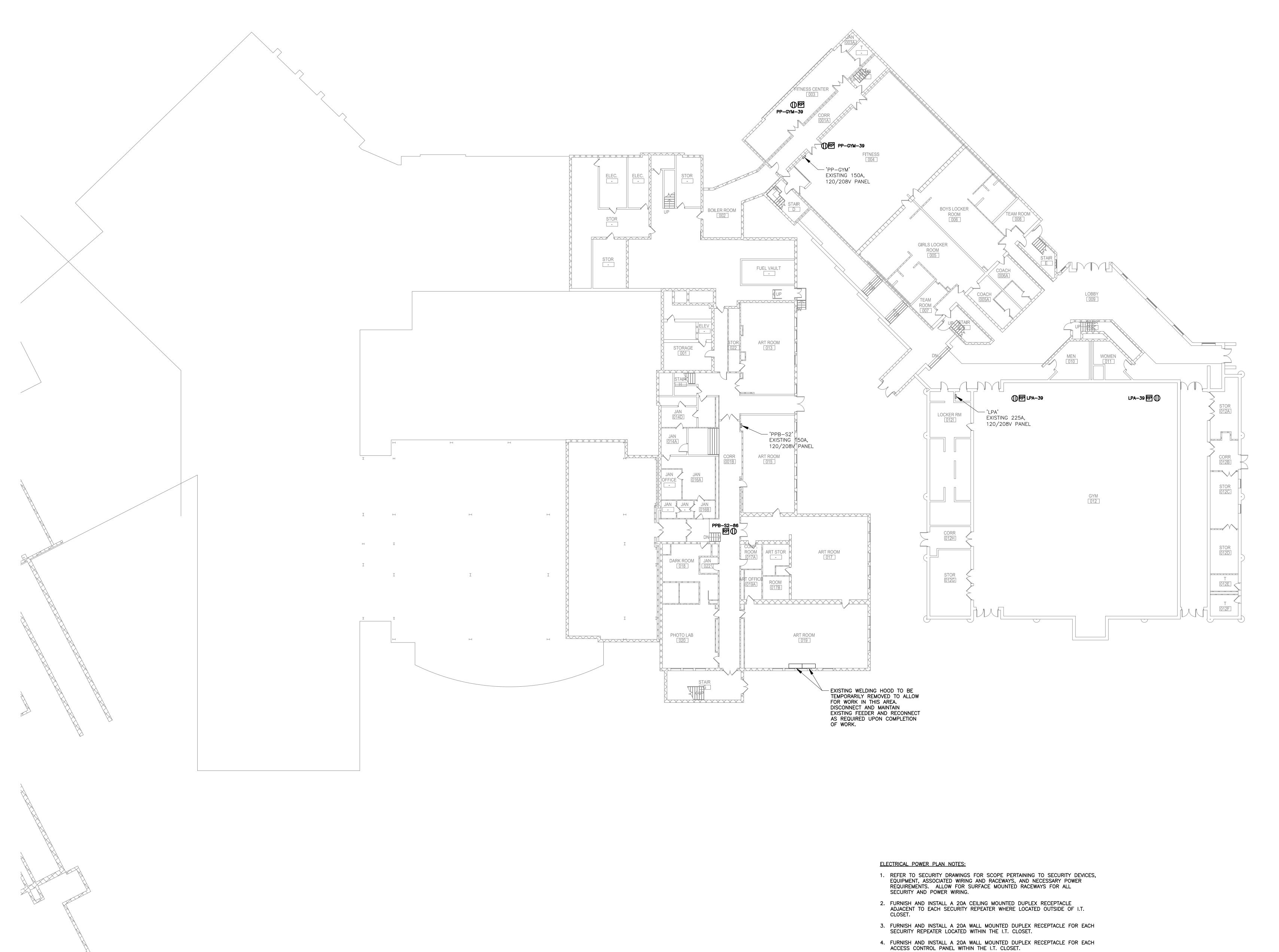




66-03-01-03-0-003-030 PROJECT NO. MEMASI PROJECT NO.

CELLAR SECURITY **EQUIPMENT**

POWER PLAN MHS E301



1) FIRST FLOOR SECURITY POWER PLAN

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

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STANTEC
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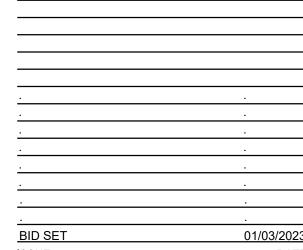
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING
992 BEDFORD STREET
BRIDGEWATER MA 02224

BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

WSP

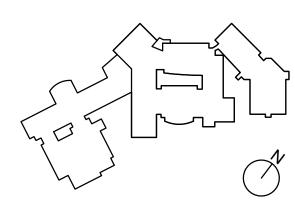
WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014



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KEY PLAN

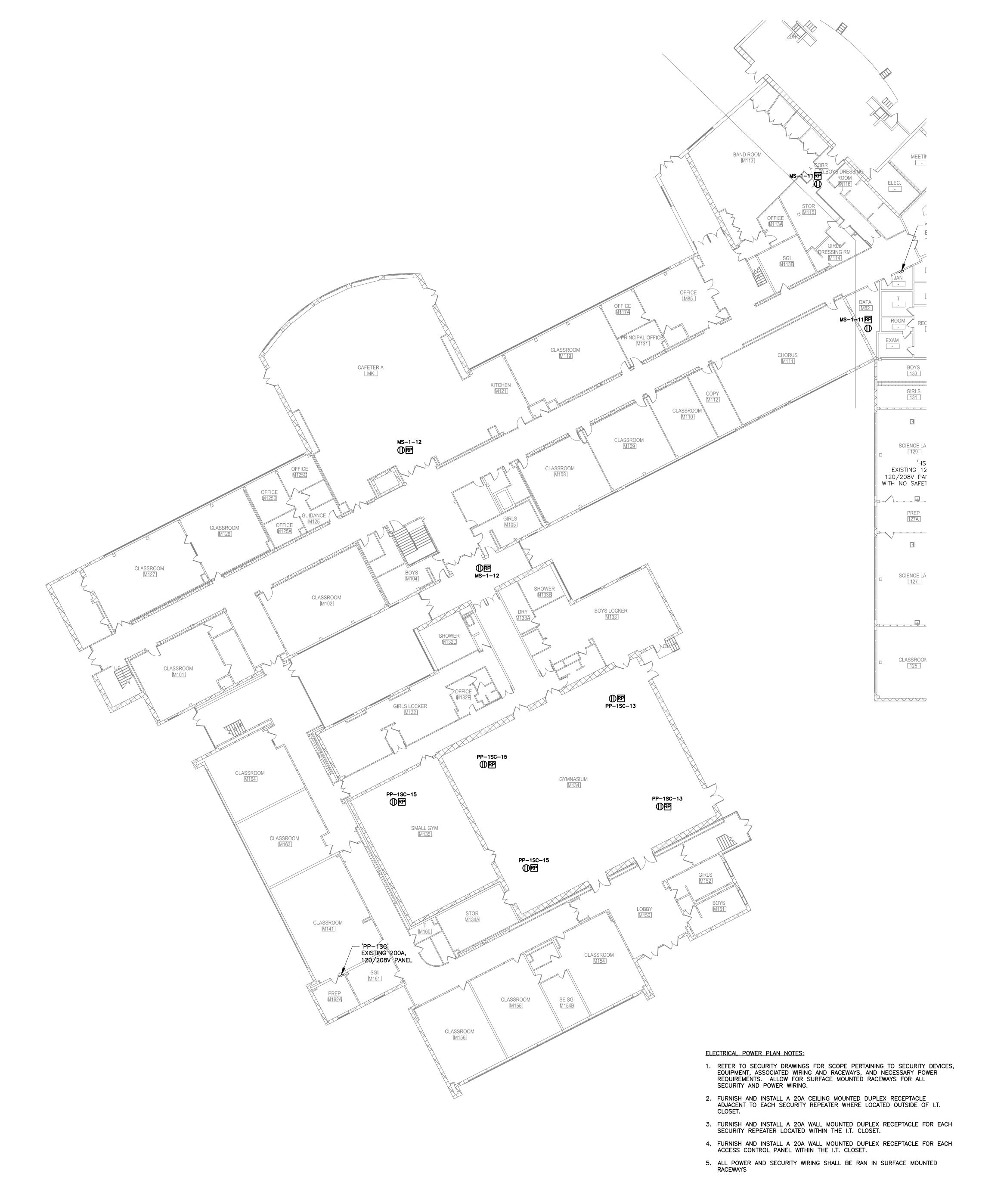
5. ALL POWER AND SECURITY WIRING SHALL BE RAN IN SURFACE MOUNTED



PROJECT NO. 66-03-01-03-0-003-030

FIRST FLOOR
SECURITY
EQUIPMENT
POWER PLAN
(HIGH SCHOOL)

MHS E302A



2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$ 2 LYON PLACE
WHITE PLAINS, NY 10601

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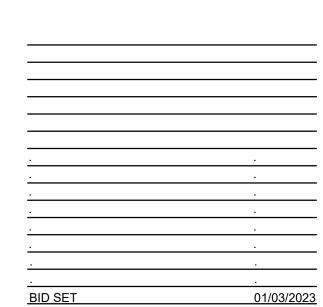
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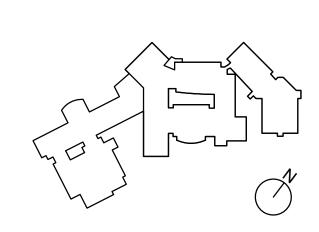
BRIDGEWATER, MA 02324

NEW YORK, NY 10014

SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

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





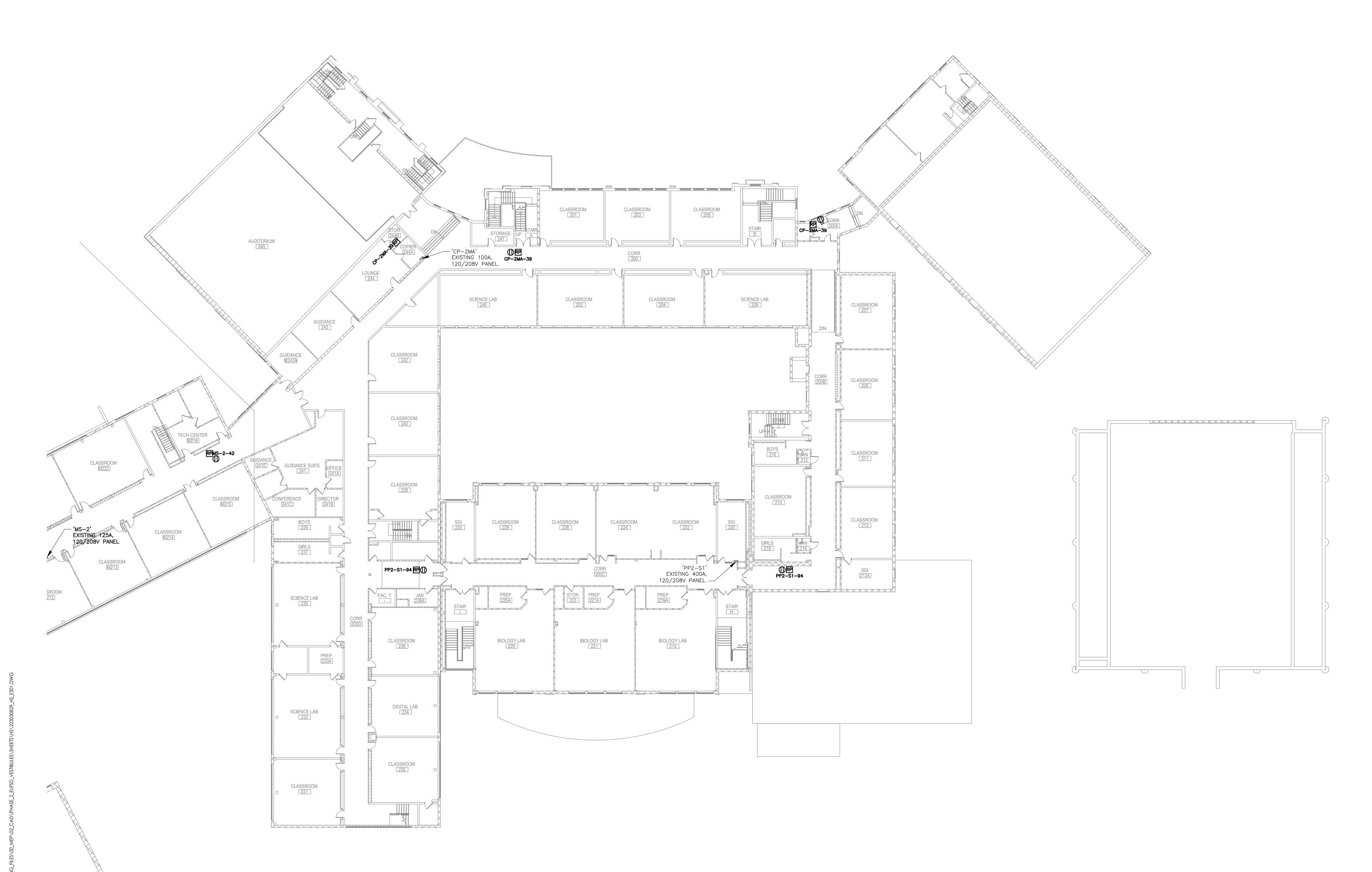
PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. FIRST FLOOR SECURITY **EQUIPMENT POWER PLAN** (MIDDLE SCHOOL)

MHS E302B

CELLAR SECURITY POWER PLAN

1/16" = 1'-0"



ELECTRICAL POWER PLAN NOTES:

- 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.
- 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.
- FURNISH AND INSTALL A 20A WALL MOUNTED DUPLEX RECEPTACLE FOR EACH ACCESS CONTROL PANEL WITHIN THE I.T. CLOSET.
- ALL POWER AND SECURITY WIRING SHALL BE RAN IN SURFACE MOUNTED RACEWAYS

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

ARCHITECT

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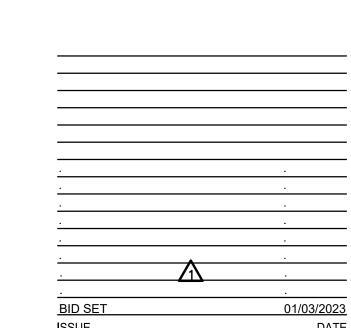
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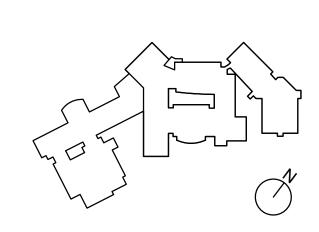
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NEW YORK, NY 10014





PROJECT NO. 66-03-01-03-0-003-030

2ND FLOOR
SECURITY
EQUIPMENT
POWER PLAN
(HIGH SCHOOL)

MHS E303A

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SECOND FLOOR SECURITY POWER PLAN

1/16" = 1'-0"

CLASSROOM M251



2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

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M = M \ S |

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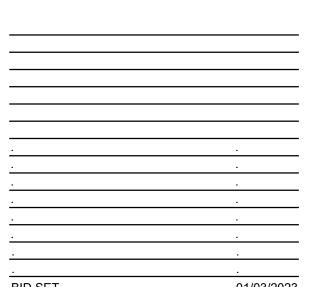
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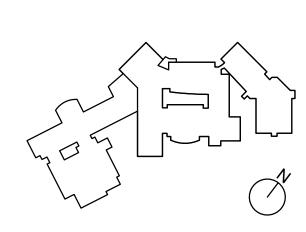
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BRIDGEWATER, MA 02324

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WSP
ONE PENN PLAZA
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NEW YORK, NY 10014



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PROJECT NO. 66-03-01-03-0-003-030

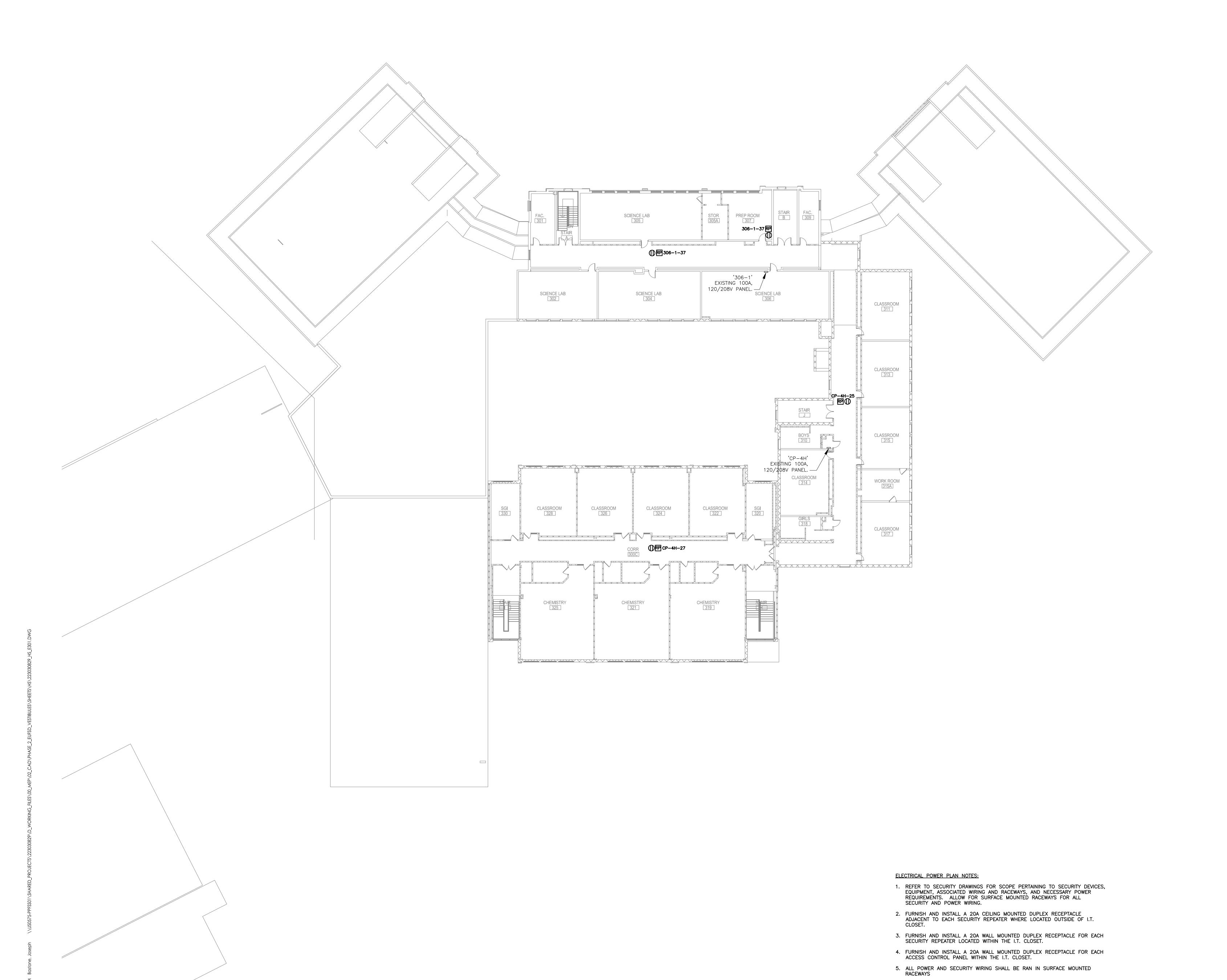
2ND FLOOR
SECURITY
EQUIPMENT
POWER PLAN
(MIDDLE SCHOOL)

MHS E303B

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SECOND FLOOR SECURITY POWER PLAN

1/16" = 1'-0"



THIRD FLOOR SECURITY POWER PLAN

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

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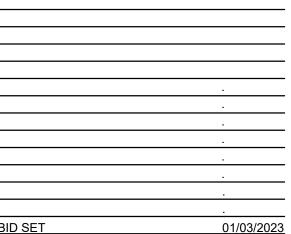
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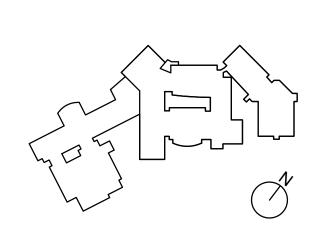
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992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT

ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014



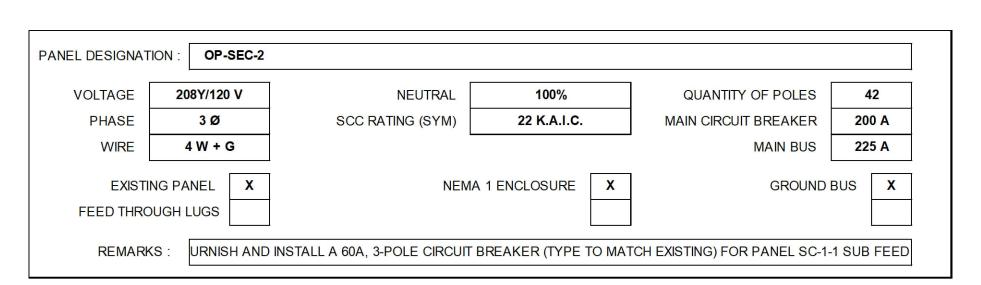


PROJECT NO. 66-03-01-03-0-003-030

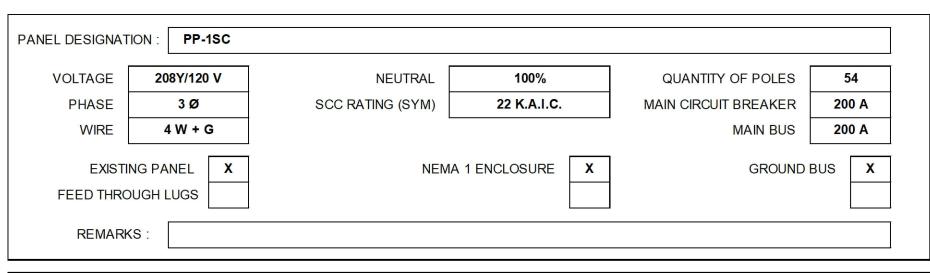
MEMASI PROJECT NO.

3RD FLOOR SECURITY **EQUIPMENT POWER PLAN**

MHS E304



CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	EXISTING	0			EXISTING	20A	2
3	20A	EXISTING		0		EXISTING	20A	4
5	20A	EXISTING			0	EXISTING	20A	6
7	20A	EXISTING	0			EXISTING	20A	8
9	20A	EXISTING		0		EVICTING	204	10
11	20A	EXISTING			0	EXISTING	20A	12
13	20A	EXISTING	0			EXISTING	20A	14
15	20A	EXISTING		0		EXISTING	20A	16
17	20A	EXISTING			0	EXISTING	20A	18
19	20A	EXISTING	0			EXISTING	20A	20
21	20A	EXISTING		0		EXISTING	20A	22
23	20A	EXISTING			0	EXISTING	20A	24
25	20A	EXISTING	0			EXISTING	20A	26
27	20A	EXISTING		0		EXISTING	20A	28
29	20A	EXISTING			0	EXISTING	20A	30
31	20A	EXISTING	0			EXISTING	20A	32
33	20A	EXISTING		0		EXISTING	20A	34
35	20A	EXISTING			0	EXISTING	20A	36
37	20A	SPACE	0					38
39	20A	SPACE		0		PANEL SC-1-1	60A	40
41	20A	SPACE			0			42



CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP
1	20A	EXISTING LOAD	0			EXISTING LOAD	20A
3	20A	EXISTING LOAD		0		EXISTING LOAD	20A
5	20A	EXISTING LOAD			0	EXISTING LOAD	20A
7	20A	EXISTING LOAD	0			EXISTING LOAD	20A
9	20A	EXISTING LOAD		0		EXISTING LOAD	20A
11	20A	EXISTING LOAD			0	EXISTING LOAD	20A
13	20A	REPEATER GYM M134	0			EXISTING LOAD	20A
15	20A	REPEATER GYM M134-135		0		EXISTING LOAD	20A
17	20A	SPARE			0	SPARE	20A
19	20A	SPARE	0			SPARE	20A
21	20A	SPARE		0		SPARE	20A
23	20A	SPARE			0	SPARE	20A
25	20A	SPARE	0			SPARE	20A
27	20A	SPARE		0		SPARE	20A
29	20A	SPARE			0	SPARE	20A
31	20A	SPARE	0			SPARE	20A
33	20A	SPARE		0		SPARE	20A
35	20A	SPARE			0	SPARE	20A
37	20A	SPARE	0			SPARE	20A
39	20A	SPARE		0		SPARE	20A
41	20A	SPARE			0	SPARE	20A
43	20A	SPARE	0			SPARE	20A
45	20A	SPARE		0		SPARE	20A
47	20A	SPARE			0	SPARE	20A
49	20A	SPARE	0			SPARE	20A
51	20A	SPARE		0		SPARE	20A
53	20A	SPARE			0	SPARE	20A

PANEL DESIGNA	TION : LC-1				
VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	12
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
	ING PANEL X DUGH LUGS	NEM	IA 1 ENCLOSURE X	GROUND	BUS X
REMAR	KS:				

	CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
[1	20A	EXISTING LOAD	0			EXISTING LOAD	20A	2
		2071	Enternite Earth	•			EMOTINO EOMB		
	3	20A	EXISTING LOAD		0		SPARE	20A	4
	5	20A	EXISTING LOAD			0	SPACE	20A	6
	7	20A	SECURITY PANEL ACP	0			SPACE	20A	8
	9	20A	REPEATER		0		SPACE	20A	10
	11	20A	SPACE			0	SPACE	20A	12

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	200 A
WIRE	4 W + G	L		MAIN BUS	200 A
	NG PANEL X	NEM.	A 1 ENCLOSURE X	GROUND I	BUS X
REMAR	KS :				

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	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		EXISTING LOAD	20A	40
41	20A	EXISTING LOAD			0	REPEATER CORR	20A	42

PANI	EL DESIGN	NATION : PPB-S2							
	VOLTAGE	208Y/120 V	NEUTRAL	-	100%		QUANTITY OF POLES	42]
	PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C	; .	MAIN CIRCUIT BREAKER	150 A	1
	WIRE	4 W + G					MAIN BUS	150 A]
	FEED TH	STING PANEL X HROUGH LUGS ARKS:	N	EMA 1 EN	NCLOSURE	X	GROUND BUS	X]
CKT #	TRIP	LOAD DES	SCRIPTION Ø,		ØC (VA)		LOAD DESCRIPTION	TRIP	CKT #
43		WATEL OLD	0)			EXISTING LOAD	20A	44
45	20A E	XISTING LOAD		0			EXISTING LOAD	20A	46
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CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
43			0			EXISTING LOAD	20A	44
45	20A	EXISTING LOAD		0		EXISTING LOAD	20A	46
47	20A	EXISTING LOAD			0	EXISTING LOAD	20A	48
49	20A	EXISTING LOAD	0			EMOTING LOAD	004	50
51	20A	EXISTING LOAD		0		EXISTING LOAD	20A	52
53	204	EVICTING LOAD			0	EVICTING LOAD	20.4	54
55	20A	EXISTING LOAD	0			EXISTING LOAD	20A	56
57	20A	EXISTING LOAD		0		EXISTING LOAD	20A	58
59	20A	EXISTING LOAD			0	EXISTING LOAD	20A	60
61	20A	EXISTING LOAD	0			EXISTING LOAD	20A	62
63	20A	EXISTING LOAD		0		REPEATER CORR 001B	20A	64
65	20A	EXISTING LOAD			0	EXISTING LOAD	20A	66
67	20A	EXISTING LOAD	0			EXISTING LOAD	20A	68
69	20A	EXISTING LOAD		0		EXISTING LOAD	20A	70
71	20A	EXISTING LOAD			0	EXISTING LOAD	20A	72
73	204	LASTING LOAD	0			EXISTING EOAD	20A	74
75	20A	EXISTING LOAD		0		EXISTING LOAD	20A	76
77	20A	EXISTING LOAD			0	EXISTING LOAD	20A	78
79			0					80
81	80A	EXISTING LOAD		0		EXISTING LOAD	60A	82
83					0			84

PHASE 3 Ø SCC RATING (SYM) 22 K.A.I.C. MAIN CIRCUIT BREAKER MAIN BUS 100 A WIRE 4 W + G EXISTING PANEL X FEED THROUGH LUGS REMARKS:	VOLTAGE	208Y/120 V	NEUTRAL	1009	%	QUANTITY OF POLES	12	
EXISTING PANEL X NEMA 1 ENCLOSURE X GROUND BUS X FEED THROUGH LUGS	PHASE	3 Ø	SCC RATING (SYM)	22 K.A.	.I.C.	MAIN CIRCUIT BREAKER	100 A	
FEED THROUGH LUGS	WIRE	4 W + G	_			MAIN BUS	100 A	
		<u> </u>	NEM.	A 1 ENCLOSU	RE X	GROUND E	BUS X	

	RE	EMARKS :						<u>.</u>
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	EXISTING LOAD	0			EXISTING LOAD	20A	8
9	20A	EXISTING LOAD		0		EXISTING LOAD	20A	10
11	20A	REPEATER CORR 68, DATA M82			0	REPEATER CAFÉ MK, LOCKER CORR	20A	12

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	70 A
WIRE	4 W + G	•		MAIN BUS	100 A
	ING PANEL X	NEM	A 1 ENCLOSURE X	GROUND I	BUS X

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	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	SECURITY PANEL ACP		0		EXISTING LOAD	20A	16
17	20A	REPEATER LIB 102,102D			0	EXISTING LOAD	20A	18
19	20A	SPARE	0			SPARE	20A	20
21	20A	SPARE		0		SPARE	20A	22
23	20A	SPARE			0	SPARE	20A	24
25	20A	SPARE	0			SPARE	20A	26
27	20A	SPARE		0		SPARE	20A	28
29	20A	SPARE			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
37			0			SPARE	20A	38
39	20A	EXISTING LOAD		0		SPARE	20A	40
41					0	SPARE	20A	42

PANE	EL DESI	GNAT	ION: MP-GYM									
	VOLTA	GE	208Y/120 V	NEUTR.	AL		10	0%	QUANTITY OF POLES	42		
	PHA	SE	3 Ø	SCC RATING (SY	M)		22 K.	A.I.C.	MAIN CIRCUIT BREAKER	400 A		
	WI	IRE	4 W + G		,			•	MAIN BUS	400 A	Š.	
	FEED		NG PANEL X DUGH LUGS KS:		NEM	A 1 EN	ICLOS	URE X	GROUND	BUS	X	
CKT #	TRIP		LOAD DES	SCRIPTION I	ØA (VA)	ØB (VA)	ØC (VA)		LOAD DESCRIPTION	TI	RIP	CKT #

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A		0				20A	2
3	20A	EXISTING LOAD		0		EXISTING LOAD	20A	4
5	20A				0		20A	6
7	20A		0			EXISTING LOAD	20A	8
9	20A	EXISTING LOAD		0		EXISTING LOAD	20A	10
11	20A				0	EXISTING LOAD	20A	12
13	20A		0			EXISTING LOAD	20A	14
15	20A	EXISTING LOAD		0		EXISTING LOAD	20A	16
17	20A				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	REPEATER GYM 104	0			SPARE	20A	26
27	20A	SPARE		0		SPARE	20A	28
29	20A	SPARE			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
37	20A	SPARE	0			SPARE	20A	38
39	20A	SPARE		0		SPARE	20A	40
41	20A	SPARE			0	SPARE	20A	42

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	24
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	125 A
WIRE	4 W + G	_		MAIN BUS	100 A
	NG PANEL X	NEMA	A 1 ENCLOSURE X	GROUND E	BUS X

KT #	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	EXISTING LOAD	0			EXISTING LOAD	20A	8	
9	20A	EXISTING LOAD		0		EXISTING LOAD	20A	10	
1	20A	EXISTING LOAD			0	EXISTING LOAD	20A	12	
3	20A	SPARE	0			SPARE	20A	14	
5	20A	SPARE		0		SPARE	20A	16	
7	20A	SPARE			0	SPARE	20A	18	
9	20A	SPARE	0			SPARE	20A	20	
11	20A	SPARE		0		SPARE	20A	22	
:3	20A	SPARE			0	SPARE	20A	24	

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT

M = M \ S |

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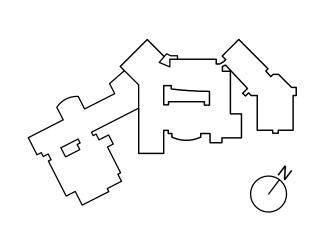
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NEW YORK, NY 10014

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BID SET	01/03/2023
ISSUE	DATE



PROJECT NO. 66-03-01-03-0-0

MEMASI PROJECT NO. 10

ELECTRICAL PANEL SCHEDULES SHEET I OF II

MHS E601

PANEL DESIGNAT	TION : CP-2MA				
VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G	•		MAIN BUS	100 A
EXISTI FEED THRO	NG PANEL X	NEM	A 1 ENCLOSURE X	GROUND I	BUS X
REMARK	(S :				

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A		0				20A	2
3	20A	EXISTING LOAD		0		EXISTING LOAD	20A	4
5	20A				0		20A	6
7	20A	EXISTING LOAD	0			EXISTING LOAD	20A	8
9	20A	EXISTING LOAD		0		EMOTING 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	REPEATER		0		EXISTING LOAD	20A	40
41	20A	SPARE			0	EXISTING LOAD	20A	42

PANEL DESIGNAT	TION: PP2-S1				
VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	400 A
WIRE	4 W + G			MAIN BUS	400 A
	NG PANEL X	NEM	IA 1 ENCLOSURE X	GROUND	BUS X
REMARK	(S:				

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
- F	204	EVICTING LOAD				EVICTING LOAD	204	FC
55	20A	EXISTING LOAD	0			EXISTING LOAD	20A	56
57	20A	EXISTING LOAD		0	_	EXISTING LOAD	20A	58
59	20A	EXISTING LOAD			0	EXISTING LOAD	20A	60
61	20A	EXISTING LOAD	0			EXISTING LOAD	20A	62
63	20A	EXISTING LOAD		0		EXISTING LOAD	20A	64
65	20A	EXISTING LOAD			0	EXISTING LOAD	20A	66
67	20A	EXISTING LOAD	0			EXISTING LOAD	20A	68
69	20A	EXISTING LOAD		0		EXISTING LOAD	20A	70
71	20A	EXISTING LOAD			0	EXISTING LOAD	20A	72
73	20A	EXISTING LOAD	0			EXISTING LOAD	20A	74
75	20A	EXISTING LOAD		0		EXISTING LOAD	20A	76
77	20A	EXISTING LOAD			0	EXISTING LOAD	20A	78
79	20A	EXISTING LOAD	0			EXISTING LOAD	20A	80
81	20A	EXISTING LOAD		0		EXISTING LOAD	20A	82
83	20A	EXISTING LOAD			0	EXISTING LOAD	20A	84
85	20A	EXISTING LOAD	0			EXISTING LOAD	20A	86
87	20A	EXISTING LOAD		0		EXISTING LOAD	20A	88
89	20A	EXISTING LOAD			0	EXISTING LOAD	20A	90
91	20A	EXISTING LOAD	0			EXISTING LOAD	20A	92
93	20A	REPEATER		0		SPARE	20A	94
95	20A	SPARE			0	SPARE	20A	96

PANEL DESIGNAT	TION : SC-1-1				
VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	24
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	60 A
WIRE	4 W + G			MAIN BUS	100 A
	NG PANEL DUGH LUGS	NEM	IA 1 ENCLOSURE X	GROUND	BUS X
REMAR	KS:				

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CK1 #
1	20A	SECURITY OFFICE LIGHTING	0			SECUIRITY OFFICE FIRE SHUTTER	20A	2
3	20A	ENTRANCE LIGHTING		0		SECURITY OFFICE RECEPTACLES	20A	4
5	20A	CANOPY LIGHTING			0	SECURITY OFFICE RECEPTACLES	20A	6
7	20A	FCU-HS-1	0			SECURITY OFFICE RECEPTACLES	20A	8
9	20A	FCU-HS-2		0		SECURITY OFFICE RECEPTACLES	20A	10
11	20A	FCU-HS-3			0	SECURITY OFFICE RECEPTACLES	20A	12
13	20A	REPEATER ENTRY AND AUDITORIUM 145	0			SPARE	20A	14
15	20A	SPARE		0		SPARE	20A	16
17	20A	SPARE			0	SPARE	20A	18
19	20A	SPARE	0			SPARE	20A	20
21	20A	SPARE		0		SPARE	20A	22
23	20A	SPARE			0	SPARE	20A	24

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G	-		MAIN BUS	100 A
	NG PANEL X DUGH LUGS	NEMA	A 1 ENCLOSURE X	GROUND E	BUS X
REMAR	KS:				

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	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	REPEATER CORR 303,PREP 307	0			SPARE	20A	38
39	20A	SPARE		0		SPARE	20A	40
41	20A	SPARE			0	SPARE	20A	42

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	150 A
WIRE	4 W + G	_		MAIN BUS	200 A
EXISTII FEED THRC	NG PANEL X	NEMA	A 1 ENCLOSURE X	GROUND I	BUS X
REMARK	(S:				

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CK #	
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	EXISTING LOAD	0			EXISTING LOAD	20A	8	
9	20A	EXISTING LOAD		0		EXISTING LOAD	20A	10	
11	20A	EXISTING LOAD			EXISTING LOAD	20A	12		
13	20A	EXISTING LOAD	0	EXISTING LOAD	20A	14			
15	20A	EXISTING LOAD		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			EVICTING LOAD	20.4	32	
33				0		EXISTING LOAD	20A	34	
35	50A	EXISTING LOAD			0	EVICTING LOAD	20.4	36	
37			0			EXISTING LOAD	20A	38	
39	20A	REPEATER FIT 003-004		0		SPARE	20A	40	
41	20A	SPARE			0 SPARE				

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G	·		MAIN BUS	100 A
EXISTI FEED THRO	NG PANEL X	NEM	A 1 ENCLOSURE X	GROUND I	BUS X

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #		
1	20A		0			EXISTING LOAD	20A	2		
3	20A	EXISTING LOAD		0		EXISTING LOAD	20A	4		
5	20A				0	EXISTING LOAD	20A	6		
7	20A	EXISTING LOAD	EXISTING LOAD 0 EXISTING LOAD							
9	20A	EXISTING LOAD	0 EXISTING LOAD							
11	20A	EXISTING LOAD	0 EXISTING LOAD							
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	REPEATER CORR 312	0			EXISTING LOAD	20A	26		
27	20A	REPEATER CORR 300C		0		SPARE	20A	28		
29	20A	SPARE			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		
37	20A	SPARE	0			SPARE	20A	38		
39	20A	SPARE		0		SPARE	20A	40		
41	20A	SPARE			0	SPARE	20A	42		

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	22 K.A.I.C.	MAIN CIRCUIT BREAKER	225 A
WIRE	4 W + G			MAIN BUS	225 A
	NG PANEL X	NEMA	A 1 ENCLOSURE X	GROUND E	BUS X

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	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					38
39	20A	REPEATER GYM 012		0		EXISTING LOAD	20A	40
41	20A	SPARE			0			42

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE / HIGH SCHOOL

ARCHITECT $M \equiv M \wedge SI$

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

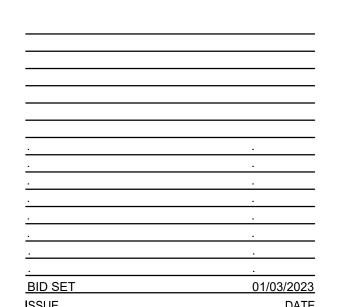
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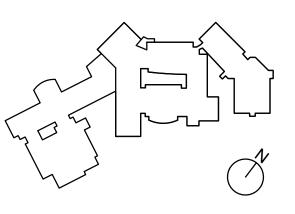
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 100 PARK BOULEVARD, #209 MASSAPEQUA PARK, NY 11762

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 10014





PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO.

ELECTRICAL PANEL SCHEDULES SHEET II OF II

MHS E602

GENERAL NOTES

- ALL REFERENCES HEREIN TO THE CONTRACTOR SHALL REFER TO THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
- THE ENTIRE INSTALLATION SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. THE CONTRACTOR SHALL VERIFY. IN THE FIELD, THE EXACT LOCATION OF ALL EXISTING PLUMBING SYSTEMS PRIOR TO MAKING NEW CONNECTIONS TO EXISTING LINES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- 3. DO NOT SCALE FROM THESE DRAWINGS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.
- 5. DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.
- 6. THE CONTRACTOR SHALL REFER TO WRITTEN SPECIFICATION IN CONJUNCTION WITH THESE DRAWINGS FOR FULL PROJECT SCOPE.
- ANY DISCREPANCIES OR INADEQUACIES WITHIN BID DOCUMENTS, BETWEEN THESE BID DOCUMENTS AND RELATED HVAC, FIRE PROTECTION, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, INTERIOR DECOR, AND STRUCTURAL BID DOCUMENTS, OR BETWEEN THESE BID DOCUMENTS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO BID
- . THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF RECORD "AS BUILT" DRAWINGS INDICATING THE PRECISE LOCATION OF ALL SYSTEMS, EQUIPMENT, CONCEALED OR EMBEDDED PIPING, EXPOSED PIPING, PIPING CONNECTIONS, AND ACCESS PANELS/DOORS. THESE DRAWINGS SHALL INCLUDE ALL CHANGES AND DEVIATIONS FROM CONSTRUCTION DOCUMENTS.
- 9. THE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING
- 10. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL
- 11. THE CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR. THE CONTRACTOR SHALL FURNISH PLUMBING EQUIPMENT WIRED FOR THE VOLTAGES SHOWN IN CONTRACT DOCUMENTS AND COORDINATED WITH ELECTRICAL CONTRACTOR.
- 12. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- 13. THE CONTRACTOR SHALL SUBMIT, PRIOR TO ANY FABRICATION OR INSTALLATION, ALL NECESSARY DRAWINGS, EQUIPMENT/MATERIAL PRODUCT DATA, DOCUMENTATION, AND CALCULATIONS REQUIRED TO COMPLETE THE WORK OUTLINED IN THE CONTRACT DOCUMENTS. 14. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES
- HAVING JURISDICTION PRIOR TO ANY FABRICATION OR INSTALLATION. ALL FEES FOR PERMITS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 15. ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.
- 16. ALL EXPOSED HORIZONTAL AND VERTICAL PIPING SHALL BE INSTALLED IN A NEAT ARRANGEMENT AND IN THE MOST INCONSPICUOUS LOCATION POSSIBLE. VERTICAL DROPS SHOULD BE KEPT TO A MINIMUM AND SHOULD BE LOCATED WITHIN CHASES, WALLS, AND SOFFITS WITH OTHER MECHANICAL PIPING AND ELECTRICAL CONDUITS WHEN POSSIBLE. ALL SUCH LOCATION ARE TO BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 17. WATER METER SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND SHALL BE PROVIDED WITH REMOTE READING.
- 18. THE CONTRACTOR SHALL PROVIDE ALL CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS, AND GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING.
- 19. THE CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS AND ASSOCIATED FLASHING REQUIREMENTS WITH OTHER TRADES.
- 20. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL HORIZONTAL STORM
- 21. ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.
- 22. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS/DOORS FOR ALL CLEANOUTS, VALVES, AND ANY OTHER EQUIPMENT LOCATED WITHIN WALLS, PARTITIONS, OR CEILINGS THAT REQUIRE ACCESS FOR MAINTENANCE AND/OR OPERATION.
- 23. THE CONTRACTOR SHALL INSTALL TRAP SEAL PRIMERS ON ALL FLOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE NECESSARY COLD WATER CONNECTION TO ALL TRAP SEAL
- 24. THE CONTRACTOR SHALL PROVIDE CLEANOUTS AT THE BASE OF ALL SANITARY, WASTE, STORM, AND VENT STACKS. CLEANOUT DECK PLATES PLATES MUST ALSO BE PROVIDED ON ALL BURIED
- 25. SUDS PRESSURE ZONE REQUIREMENTS SHALL BE MEET IN THE DESIGN OF THE SANITARY, WASTE, AND VENT SYSTEMS. NO CONNECTION SHALL BE MADE TO THE VERTICAL PORTION OF A SANITARY OR WASTE STACK WITHIN FORTY STACK DIAMETERS OF THE BASE FITTING. NO CONNECTION SHALL BE MADE TO THE HORIZONTAL OFFSET PORTION OF A SANITARY OR WASTE STACK WITHIN TEN STACK DIAMETERS OF THE BASE FITTINGS.

SANITARY, WASTE, AND STORM PIPING AT INTERVALS OUTLINED IN APPLICABLE CODE.

- 26. NO DRAINAGE BRANCH SHALL BE CONNECTED TO A SANITARY OR WASTE STACK WITHIN TWO FEET ABOVE OR BELOW A HORIZONTAL OFFSET EXCEPT WHERE NO OTHER DRAINAGE BRANCH IS CONNECTED TO THE STACK AT A HIGHER STORY.
- 27. THE CONTRACTOR SHALL PROVIDE REDUCING FITTING AT ALL CHANGES IN DIAMETER OF SANITARY, WASTE, AND STORM PIPING.
- 28. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO ALL EQUIPMENT AND FIXTURE INDICATED ON THE ARCHITECTURAL AND PLUMBING DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO HVAC AND FIRE PROTECTION EQUIPMENT.
- 29. UPON COMPLETION, EXISTING SYSTEM SHALL BE IN WORKING ORDER.

DEMOLITION NOTES

- THE CONTRACTOR SHALL INCLUDE IN THEIR PRICE ALL COSTS ASSOCIATED WITH REMOVALS AND RELOCATIONS OF PLUMBING WORK AS DESCRIBED ON THE DRAWINGS AND IN THE SPECIFICATIONS WITH ALLOWANCES FOR EXPECTED OR UNFORESEEN DIFFICULTIES WHEN CONCEALED WORK HAS BEEN OPENED. NO CLAIMS FOR ADDITIONAL WORK ASSOCIATED WITH DEMOLITION WILL BE ACCEPTED, EXCEPT IN CERTAIN CASES CONSIDERED JUSTIFIABLE BY THE ARCHITECT.
- THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING PLUMBING WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL LAYOUTS. ALL SYSTEMS WHICH ARE NO LONGER REQUIRED TO FUNCTION SHALL BE REMOVED BACK TO ACTIVE LINES.
- THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE TO FUNCTIONING PLUMBING SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND

DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER.

- THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL CONDITION. THE CONTRACTOR SHALL REMOVE ALL PIPING SUPPORTS, ETC. FROM PARTITIONS THAT ARE TO BE
- REMOVED. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING PIPING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL AND PROVIDE BYPASS CONNECTIONS AS NECESSARY.
- WHICH ARE REQUIRED TO REMAIN ACTIVE, SHALL BE CUT AT CONVENIENT LOCATIONS, REPOUTED

THE CONTRACTOR SHALL NOTIFY THE BUILDING OWNER AT THE APPROPRIATE TIME OF THE

PORTIONS OF MAINS TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT

PROJECTED DEMOLITION AND PHASING SCHEDULE SO THAT REMOVAL OR RELOCATION OF AFFECTED

THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF BY

- UTILITIES MAY BE CARRIED OUT IN COORDINATION WITH THE PROJECT REQUIREMENTS. ALL EXISTING MATERIAL AND EQUIPMENT IN USABLE CONDITION, WHICH IS TO BE REMOVED UNDER
- THE PLUMBING CONTRACTOR, AS DIRECTED BY THE OWNER. THE SHUTDOWN OF EXISTING BUILDING PLUMBING SERVICES SHALL BE COORDINATED WITH THE

BUILDING OWNER. MAKE ARRANGEMENTS AT LEAST 5 BUSINESS DAYS PRIOR TO A SHUTDOWN.

OPENING / SLEEVE SCHEDULE

WALL / FLOOR SLEEVE DIAMETER | BEAM OPENING DIAMETER

WALL / FLOOR SLEEVE DIAMETER | BEAM OPENING DIAMETER

INSULATED DOMESTIC COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING

10. NO ABANDONED PIPING SHALL REMAIN.

UNINSULATED SANITARY, WASTE, VENT, STORM, AND GAS PIPING

PIPE DIAMETER

PIPE DIAMETER

	SYMBOL LIST
s	SANITARY/SOIL PIPING
W	WASTE PIPING
IW	INDIRECT WASTE PIPING
	VENT PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	ARROW REPRESENTS DIRECTION OF FLOW
— x— x— x— x— x— —	PIPING TO BE DEMOLISHED
	PIPE BREAK
 3	CAPPED OUTLET
	CLEANOUT / PLUGGED OUTLET
 •	CLEANOUT DECK PLATE
	P-TRAP
 >	PIPE DROP / DOWN
	PIPE RISE / UP
	PIPE BOTTOM CONNECTION
—- 	PIPE TOP CONNECTION
	PIPE SIDE CONNECTION
φ	VACUUM BREAKER
^	SHOCK ARRESTOR
Ø	DRAIN
Q	TEMPERATURE GAUGE
N	CHECK VALVE
•	BALL VALVE
₩	MIXING VALVE
А	SOLENOID VALVE
•	POINT OF DISCONNECTION FROM EXISTING PIPING
•	POINT OF CONNECTION TO EXISTING PIPING

AFF	ABOVE FINISHED FLOOR
BLDG	BUILDING
ВОР	BOTTOM OF PIPE
СО	CLEANOUT
CM	COFFEE MAKER
CLG	CEILING
CONN	CONNECT / CONNECTION
CONT	CONTINUE / CONTINUATION
CV	CHECK VALVE
CW	DOMESTIC COLD WATER
DIA	DIAMETER
DN	DOWN (PENETRATES FLOOR SLAB)
DR	DRAIN
DW	DISHWASHER
DWG	DRAWING
EX	EXISTING
FAI	FRESH AIR INLET
FD	FLOOR DRAIN
HC	HANDICAPPED ACCESSIBLE FIXTURE
HW	DOMESTIC HOT WATER
IW	INDIRECT WASTE
NTS	NOT TO SCALE
NFWH	NON-FREEZE WALL HYDRANT
PD	PUMP DISCHARGE
SAN	SANITARY/SOIL
SK	SINK
TYP	TYPICAL
UP	UP (PENETRATES FLOOR SLAB)
V	VENT
VB	VACUUM BREAKER

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 NPFA 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

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	DRA	IN S	SCH	ΙEC	UL	E.											
							STRA	AINER	SPEC	CIFICA	TION						
INECTION								NER									

FIRST FLOOR VESTIBULE DEMOLITION PART PLAN

PLUMBING DRAWING LIST

FIRST FLOOR VESTIBULE PART PLAN

OVER SHEET

											L	JN/	4111 <i>1</i>	<u> </u>	<u>' </u>	וטע																
				DRAIN BODY SPECIFICATION												STR	RAINEF	R SPE	CIFICA	TION												
DESIGNATION	MANUFACTURER	MODEL NUMBER	BRONZE	CAST IRON	GALVANIZED	AINLESS	CLAMPING DEVICE	SECONDARY CLAMP	SUMP RECEIVER	ACID RESISTANT COATING	TRAP PRIMER CONNECTION	BRONZE	CAST IRON	GALVANIZED	NICKEL BRONZE	STAINLESS STEEL	CHROME PLATED	POLISHED FINISH	SATIN FINISH	SECONDARY STRAINER	SEDIMENT BUCKET	LESS GRATE	HALF GRATE	FLUSH GRATE	TRACTOR GRATE	FLAT TOP	FUNNEL TOP	DOME	EXTENSION	ADJUSTABLE		APPLICABLE AREAS
RD-1	ZURN	Z164		•			•		•				•															•	•	•	,	FLAT ROOFS

Sheet Number

HS P101

- 1. ALL FLOOR DRAINS IN FINISHED AREAS AND ALL ROOF DRAINS SHALL BE LOCATED AS PER THE ARCHITECTURAL DRAWINGS.
- 2. ALL FLOOR DRAINS IN MECHANICAL EQUIPMENT ROOMS, BIOLER ROOMS, FAN ROOMS ETC, SHAL BE LOCATED IN COORDINATION WITH THE MECHANICAL CONTRACTOR.
- 3. THE CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF THE DRAINS WITH THE APPROVED ROOFING AND/OR WATER PROOFING SYSTEMS PRIOR TO SUBMITTING SHOP DRAWINGS.
- 4. THE TOP OF ALL FLOOR DRAINS SHALL BE FLUSH WITH THE ADJACENT FINISHED FLOOR.
- 5. PROVIDE TRAP PRIMER MOD# M-500 AS MANUFACTURED BY MIFAB ON ALL FLOOR DRAINS UNLESS OTHERWISE NOTED. PROVIDE DISTRIBUTION UNIT MI-DU WHEN APPLICABLE. PROVIDE ½"CW CONNECTION TO ALL TRAP PRIMERS.

	PIPE, FITTING, AND JOINT MATERIAL SCHEDULE												
PIPING SYSTEM	PIPING LOCATION	PIPING SIZE	PIPING SPECIFICATION	FITTING SPECIFICATION	JOINT SPECIFICATION								
SANITARY/WASTE/ VENT/STORM	ABOVE GROUND	ALL	SERVICE WEIGHT HUBLESS CAST IRON	SERVICE WEIGHT HUBLESS CAST IRON	NEOPRENE RUBBER SEALING SLEEVE AND HEAVY DUTY STAINLESS STEEL CORRUGATED SHIELDS WITH A MINIMUM OF FOUR HEAVY DUTY BANDS								
INDIRECT WASTE	ABOVE GROUND	ALL	TYPE DWV COPPER TUBING	WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER								
COLD WATER/HOT WATER/ HOT WATER CIRCULATION	DISTRIBUTION	ALL	TYPE L HARD DRAWN COPPER TUBING	WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER								

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

HIGH SCHOOL

ARCHITECT $M \equiv M \wedge S$

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914.915.9519

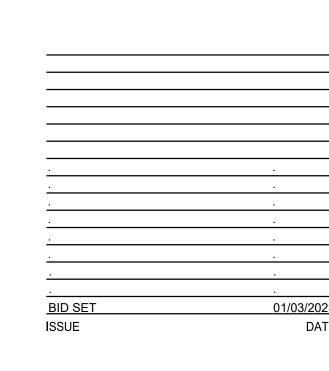
WHITE PLAINS, NY 10601

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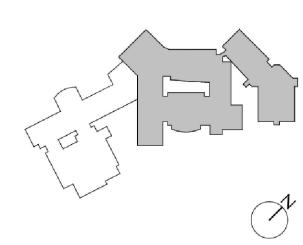
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SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014

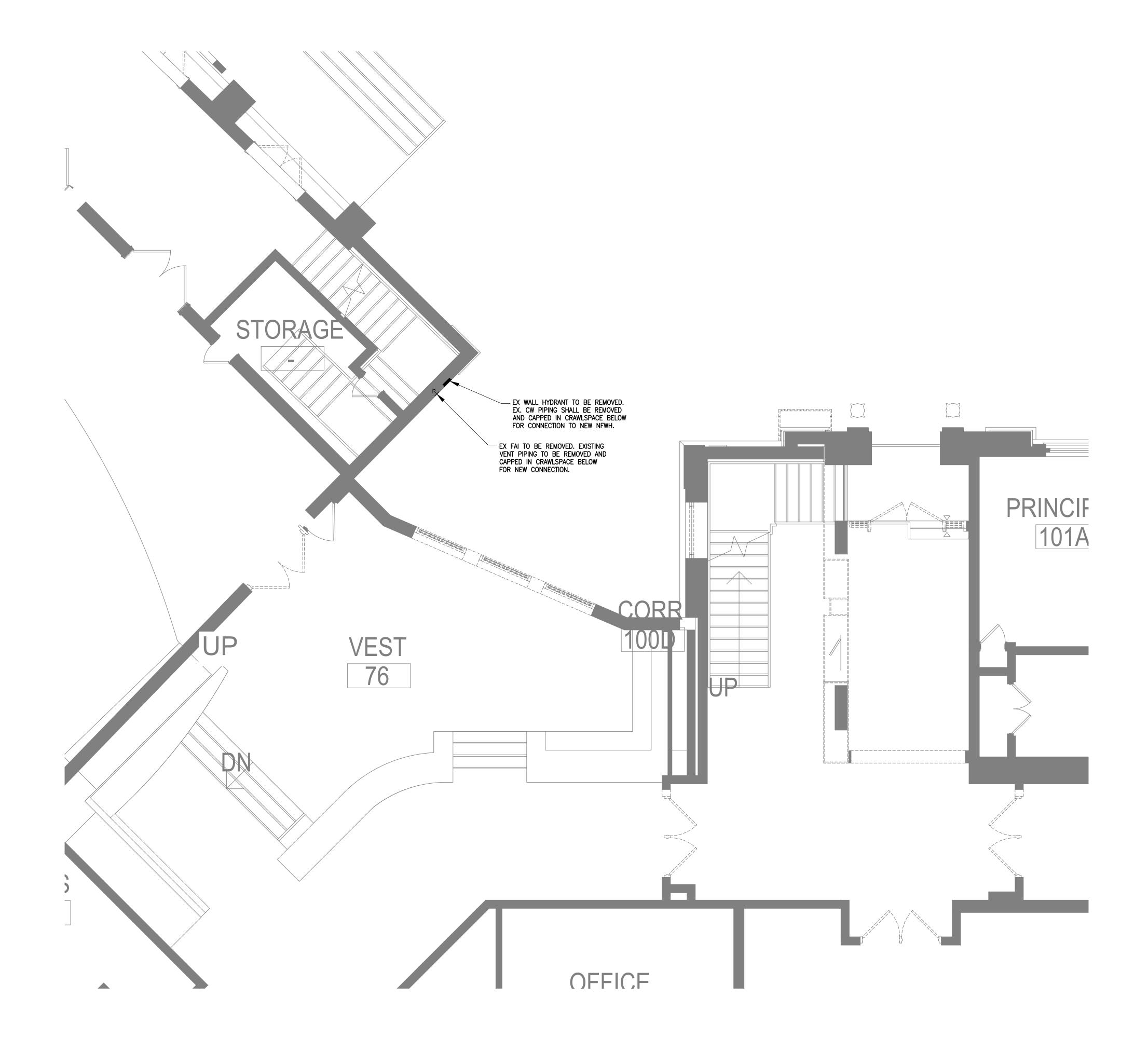


KEY PLAN



PROJECT NO. 66-03-01-03-0-003-030 MEMASI PROJECT NO. **COVER SHEET**

HS P001



FIRST FLOOR VESTIBULE DEMOLITION PARTIAL PLAN

1/4" = 1'-0"

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

HIGH SCHOOL

ARCHITECT

M = M \ S |

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THE LA GROUP

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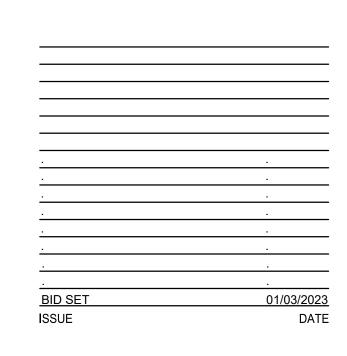
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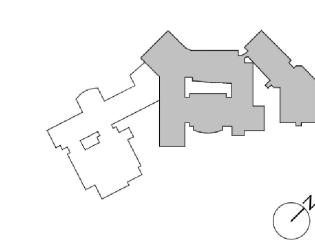
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HAZARDOUS MATERIALS CONSULTANT
WSP
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NEW YORK, NY 10014



KEY PLAN

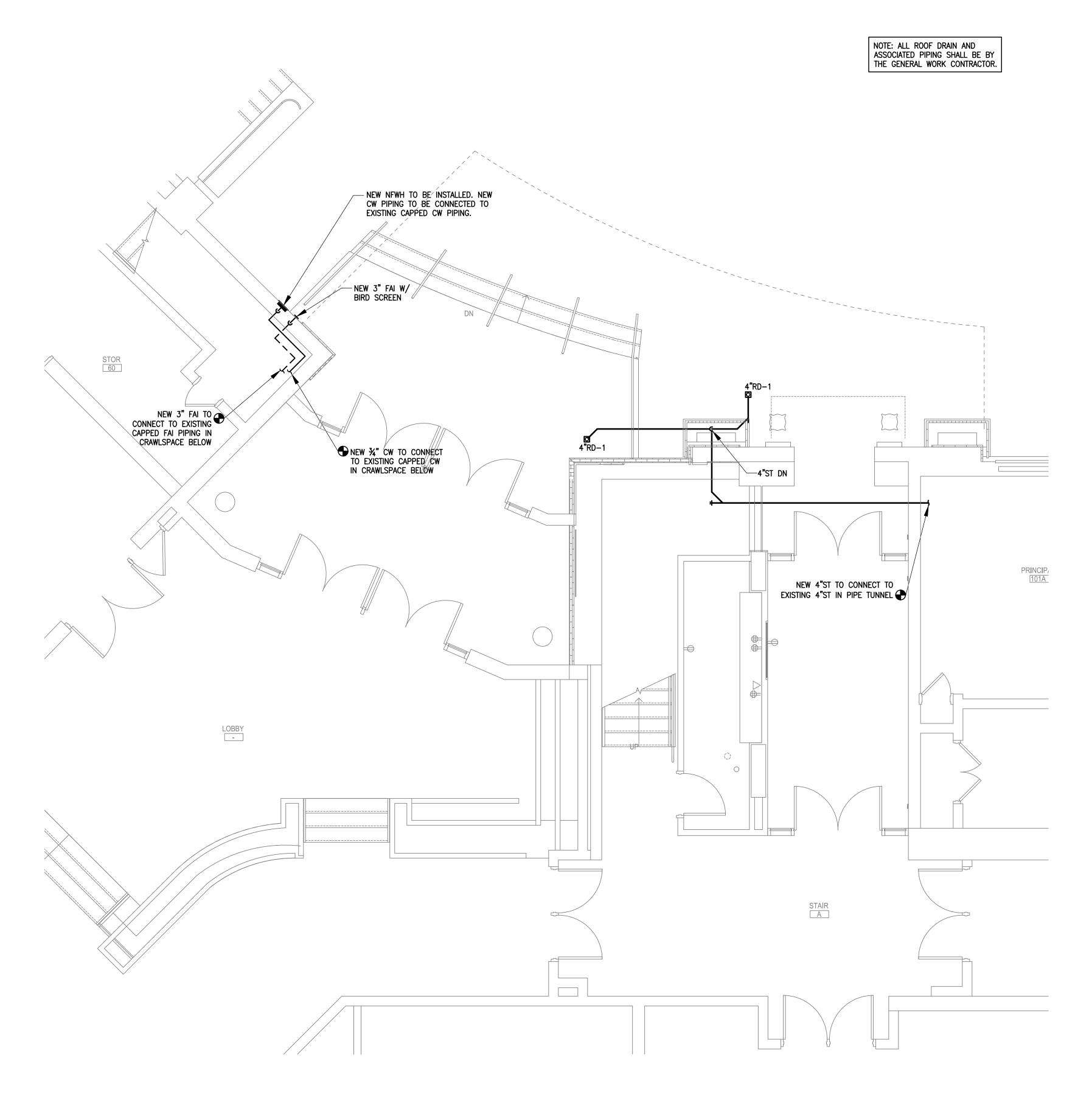


PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

FIRST FLOOR VESTIBULE DEMOLITION PART PLAN

HS PD101



FIRST FLOOR VESTIBULE PARTIAL PLAN

1/4" = 1'-0"

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

HIGH SCHOOL

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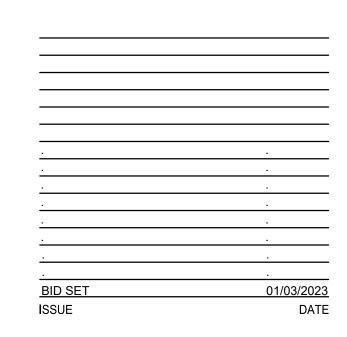
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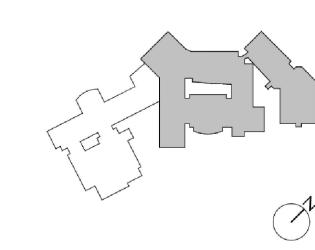
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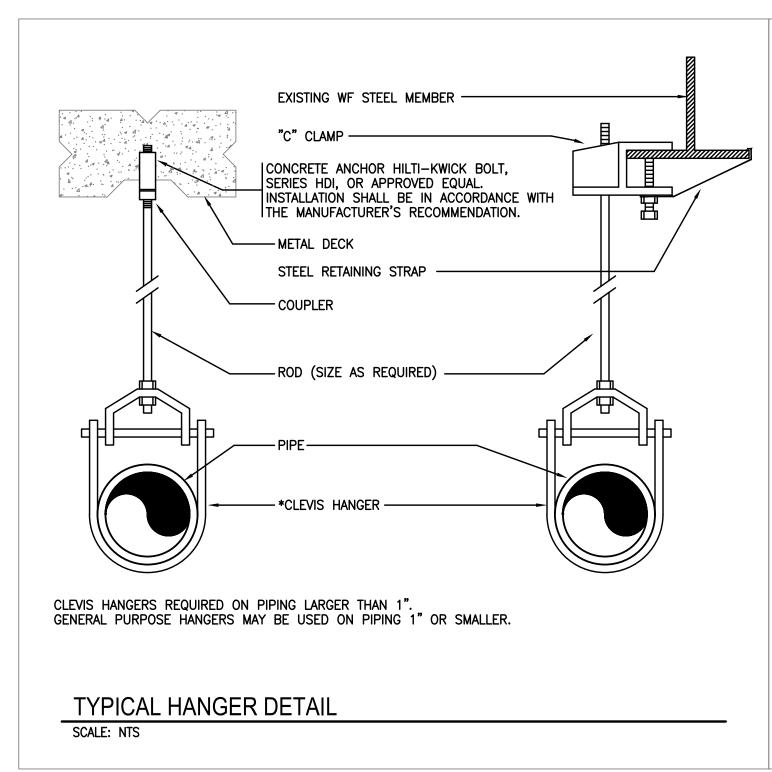
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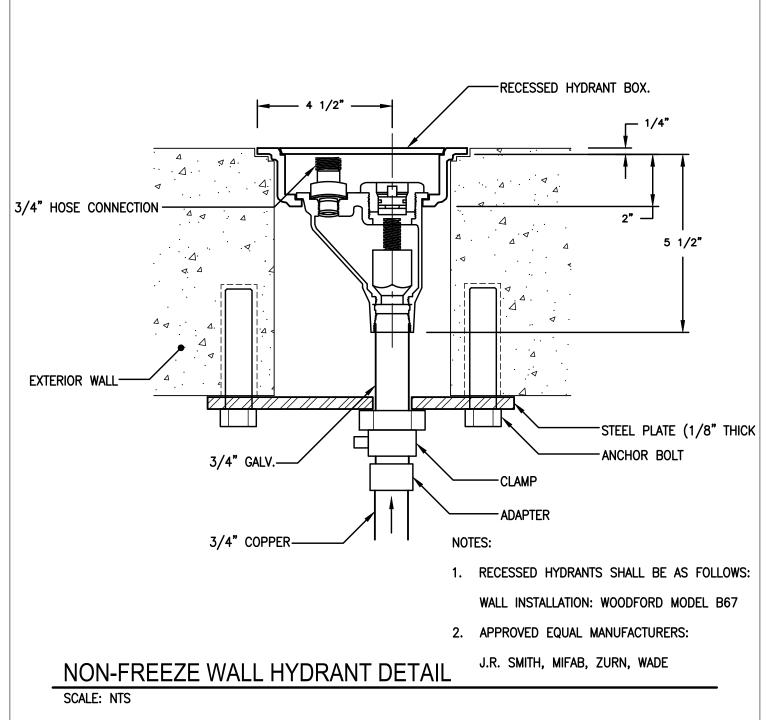


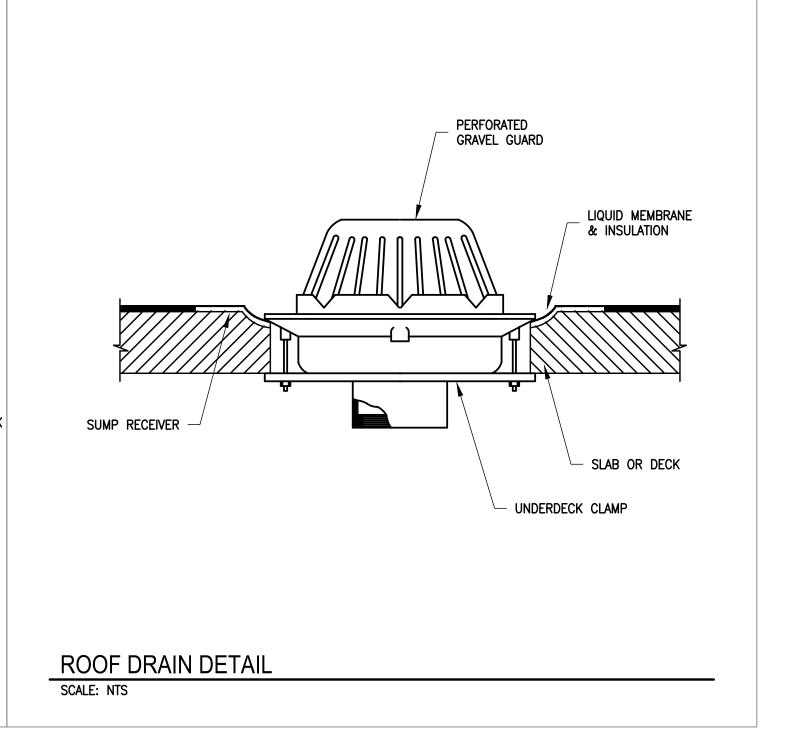


MEMASI PROJECT NO. FIRST FLOOR VESTIBULE PART PLAN

HS P101







2022 CAPITAL BOND PROJECT PHASE 2

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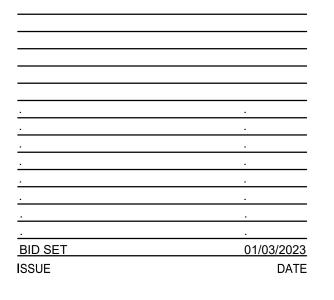
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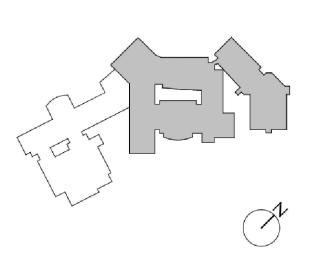
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NEW YORK, NY 10014





PROJECT NO. 66-03-01-03-0-003-030

MEMASI PROJECT NO. 102-2202

DETAILS

HS P201

SECURITY LEGEND AND ABBREVIATIONS

€ ACS		
ACS	CENTER LINE	\dashv
	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	
A/V	AUDIO/VISUAL	
BMS	BUILDING MANAGEMENT SYSTEM	
CKT	CIRCUIT	-
CR	CARD READER	\dashv
DC	DOOR CONTACT	\dashv
DPDT	DOUBLE POLE DOUBLE THROW	\dashv
DPST	DOUBLE POLE SINGLE THROW	
EC	ELECTRICAL CONTRACTOR	
ECC	ENGINEER'S CONTROL CENTER	\exists
EL	ELECTRIC LOCK	=
ELEV	ELEVATOR	
EMT	ELECTRICAL METALLIC TUBING	
ES	ELECTRIC STRIKE	-
FCC	FIRE CONTROL CENTER	
GC	GENERAL CONTRACTOR	\dashv
GFI	GROUND FAULT INTERRUPTER	-
GND	GROUND	\dashv
IG	ISOLATED GROUND	\dashv
MCP	MOTOR CIRCUIT PROTECTOR	-
MIC	MINERAL INSULATED CABLE	\dashv
MS	MAIN SWITCHBOARD	_
NC NC	NORMALLY CLOSED	
NO NO	NORMALLY OPEN	\dashv
NTS	NOT TO SCALE	
OPP	OPPOSITE	
PVC	POLYVINYL CHLORIDE CONDUIT	-
		_
RAC	RIGID ALUMINUM CONDUIT	
RSC RTE	RIGID STEEL CONDUIT REQUEST-TO-EXIT DEVICE	_
SCC	SECURITY CONTROL CENTER	
SDF	SECURITY DISTRIBUTION FRAME	-
SPDT	SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW	-
SPST TBD		
	TO BE DETERMINED TELECOMMUNICATIONS CONTRACTOR	
TC	TELECOMMUNICATIONS CONTRACTOR	
TEL	TELECOM TRANSIENT VOLTAGE SUDGE SUDDRESSION	\dashv
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION	\dashv
TYP	TYPICAL LINE ESS OTHERWISE NOTER	\dashv
UON	UNLESS OTHERWISE NOTED	\dashv
UPS	UNINTERRUPTIBLE POWER SUPPLY	
WP	WEATHERPROOF	\dashv
WT XP	WATERTIGHT EXPLOSION PROOF	\blacksquare

LOW VOLTAGE WIRING DEVICE LEGEND

TELECOMMUNICATIONS WALL MOUNTED OUTLET

(4) CATEGORY 6 4-PAIR UTP CABLES TO NEAREST TELECOM ROOM

NOTES:

- FOR TELECOMMUNICATIONS OUTLETS, PROVIDE BOX WITH CONDUIT FROM BOX TO 3" ABOVE AN ACCESSIBLE CEILING OR INTO THE TELECOM ROOM. INCLUDE PULL STRING AND TERMINATED WITH AN INSULATED BUSHING. BOXES SHALL BE RECESSED. 1"C., 4 11/16" x 2 1/8" BOX WITH 5/8" RAISED
- SINGLE GANG PLASTER RING. RACO #259 & 843 OR EQUAL.

 2. ALL CONDUITS, BACK BOXES AND PLASTER RINGS WILL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. TELECOMMUNICATIONS CONTRACTOR SHALL COORDINATE AND VERIFY THE OUTLET LOCATIONS BY REFERRING TO THE ARCHITECTURAL DRAWINGS AND DETAILS.

EL	ELECTRONIC SAFETY & SECURITY DEVICE LEGEND		
CR	CARD READER		
CRL	CARD READER LOCK		
DC	DOOR CONTACT		
DR	DOOR RELEASE BUTTON		
KP	INTRUSION SYSTEM KEYPAD		
IC	INTERCOM STATION		
V IC	VIDEO INTERCOM STATION		
MIC	INTERCOM MASTER STATION		
Ħ	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		
(\$)	CEILING SPEAKER		
©	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		
	SECURITY CAMERA		
□14K	4K SECURITY CAMERA		
□⊠WA	WIDE-ANGLE SECURITY CAMERA		
□180	180° SECURITY CAMERA		
□⋈ext	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	
0	CONDUIT UP	
•	CONDUIT DOWN	
<u> </u>	CONDUIT STUBBED OUT WITH BUSHING NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY	
E	CONDUIT STUBBED OUT AND CAPPED NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY	
——ст——	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

DEMOLITION NOTES

NEW DEVICE

- 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.
- 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

- 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.
- 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

 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.
- . 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.
- PROVIDE FIRE STOPPING FOR ALL SLEEVE, CONDUIT AND CABLE TRAY PENETRATIONS THROUGH RATED PARTITIONS OR FLOORS IN ACCORDANCE WITH THE CODE AND
- SPECIFICATIONS.

 WALL MOUNTED DEVICES SHALL BE WIRED VIA 1" RIGID METAL CONDUIT WITHIN WALL TO
- 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.

THE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE SPECIFIED.

- 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 LÚGS.

 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
- SECURITY DEVICES SHALL BE U.L. LISTED. CABLES FOR DEVICES SHALL BE WIRED TO I
- 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

DRAWING LIST

RELOCATION ABOVE THE CEILING IN A FUTURE PHASE.

HS TY001	LEGEND AND ABBREVIATIONS
HS TY100	BASEMENT PLAN
HS TY101	FIRST FLOOR PLAN
HS TY102	SECOND FLOOR PLAN
HS TY103	THIRD FLOOR PLAN
HS TY201	ENLARGED PLANS
HS TY301	RISER DIAGRAMS
HS TY401	DETAILS
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SCHOOL DISTRICT

UNION FREE

2022 CAPITAL BOND PROJECT

EASTCHESTER

HIGH SCHOOL

PHASE 2

ARCHITECT

M = M \ S |

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MASSAPEQUA PARK, NY 11762

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
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BUILDING TECHNOLOGY CONSULTING

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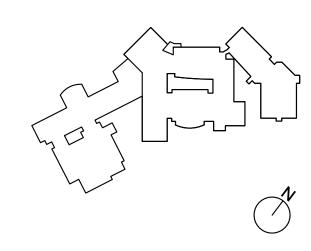
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WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR

NEW YORK, NY 10119

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

ET 01/03

KEY PL



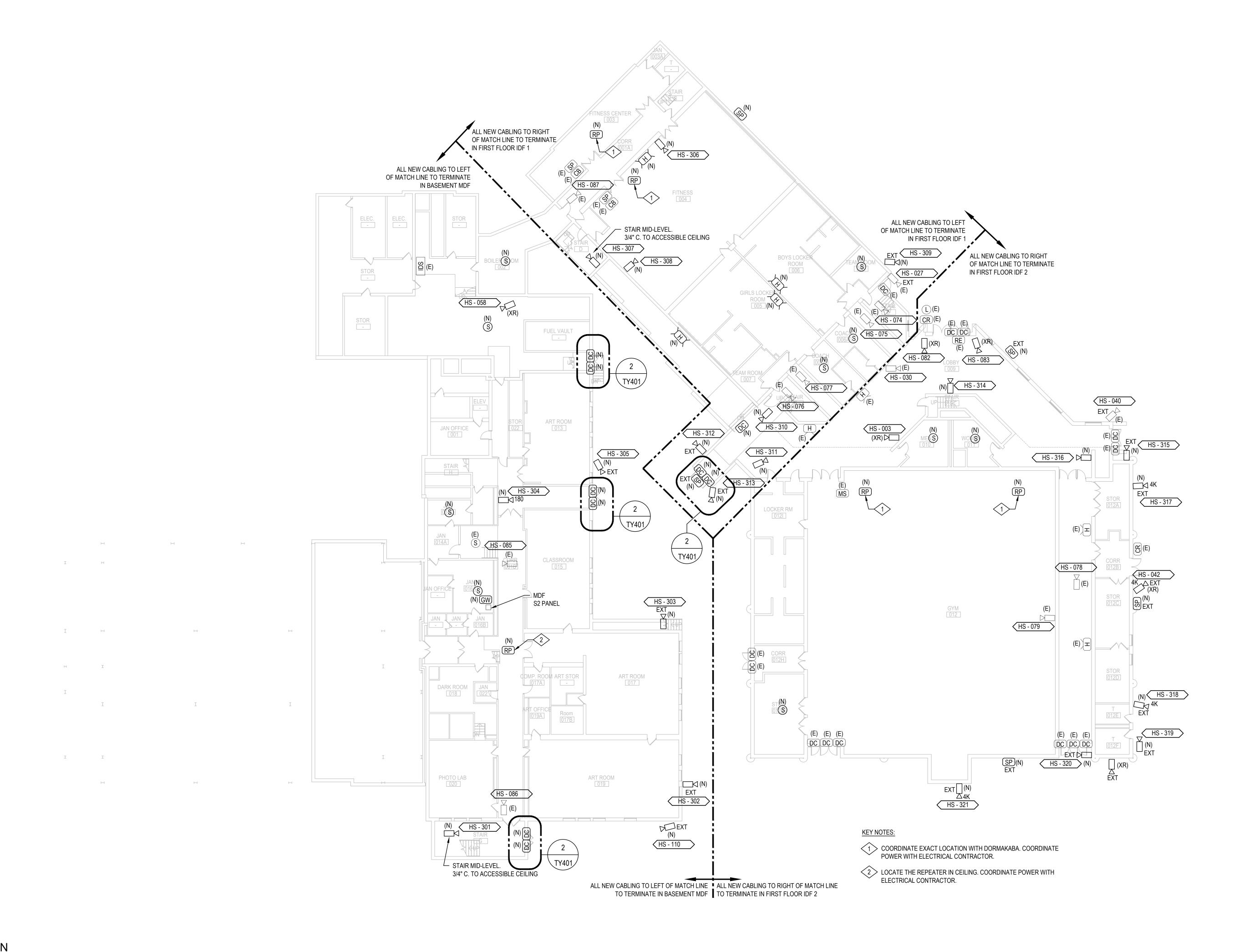
MEMASI PROJECT NO. 102-2

ABBREVIATIONS

66-03-01-03-0-003-029

SED PROJECT NO.

HS TY001



BASEMENT PLAN

1/16" = 1'-0"

_10

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

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STANTEC

STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

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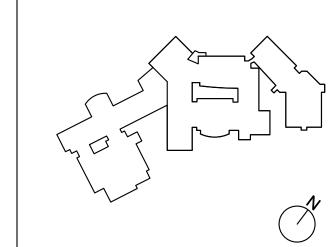
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GOLDSTICK LIGHTING DESIGN
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914.693.0221

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BID SET 01/03/2

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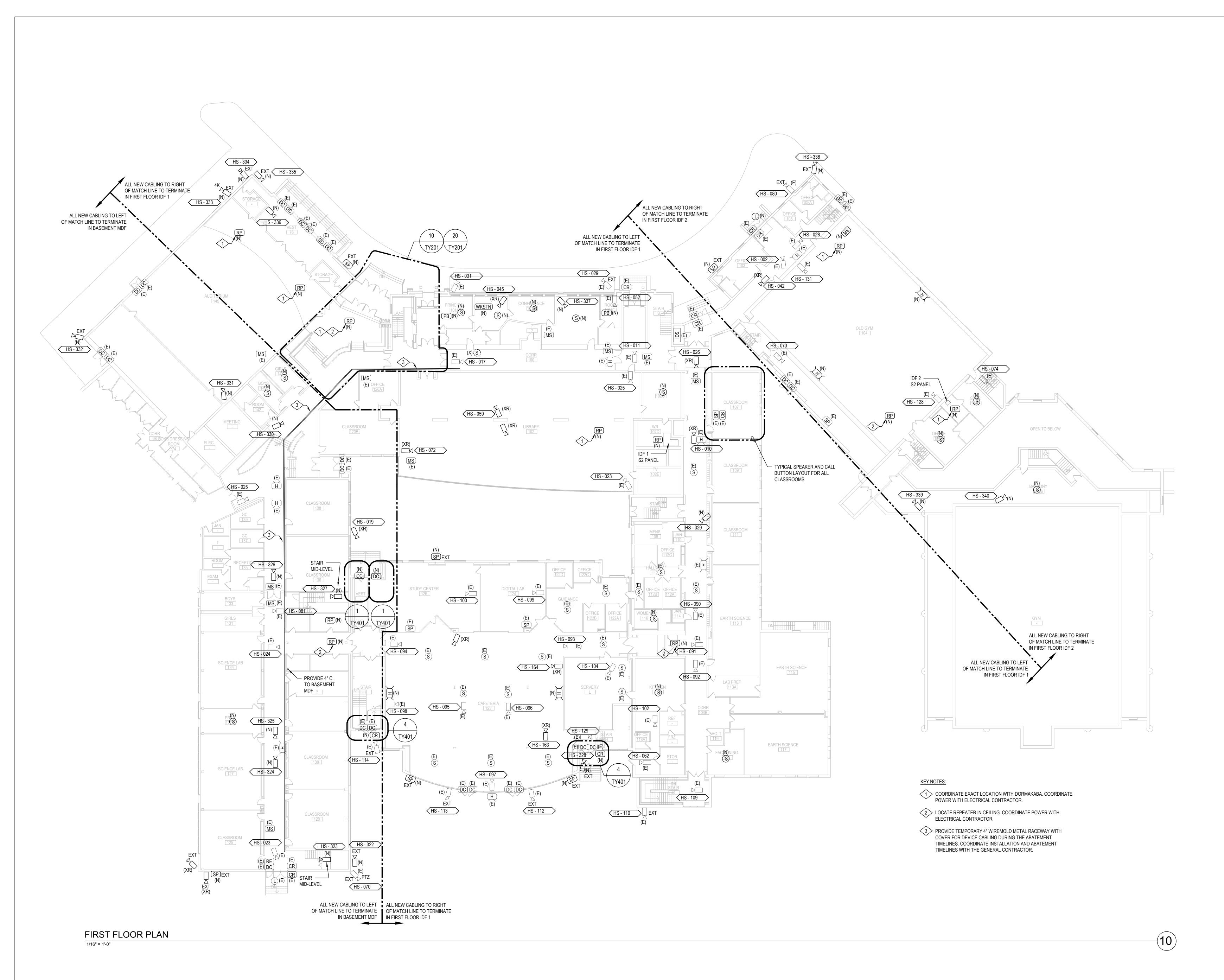


 SED PROJECT NO.
 66-03-01-03-0-003-029

 MEMASI PROJECT NO.
 102-2202

BASEMENT PLAN

HS TY100



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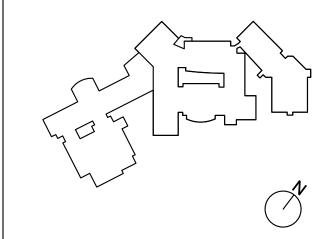
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GOLDSTICK LIGHTING DESIGN
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KEY PLAN

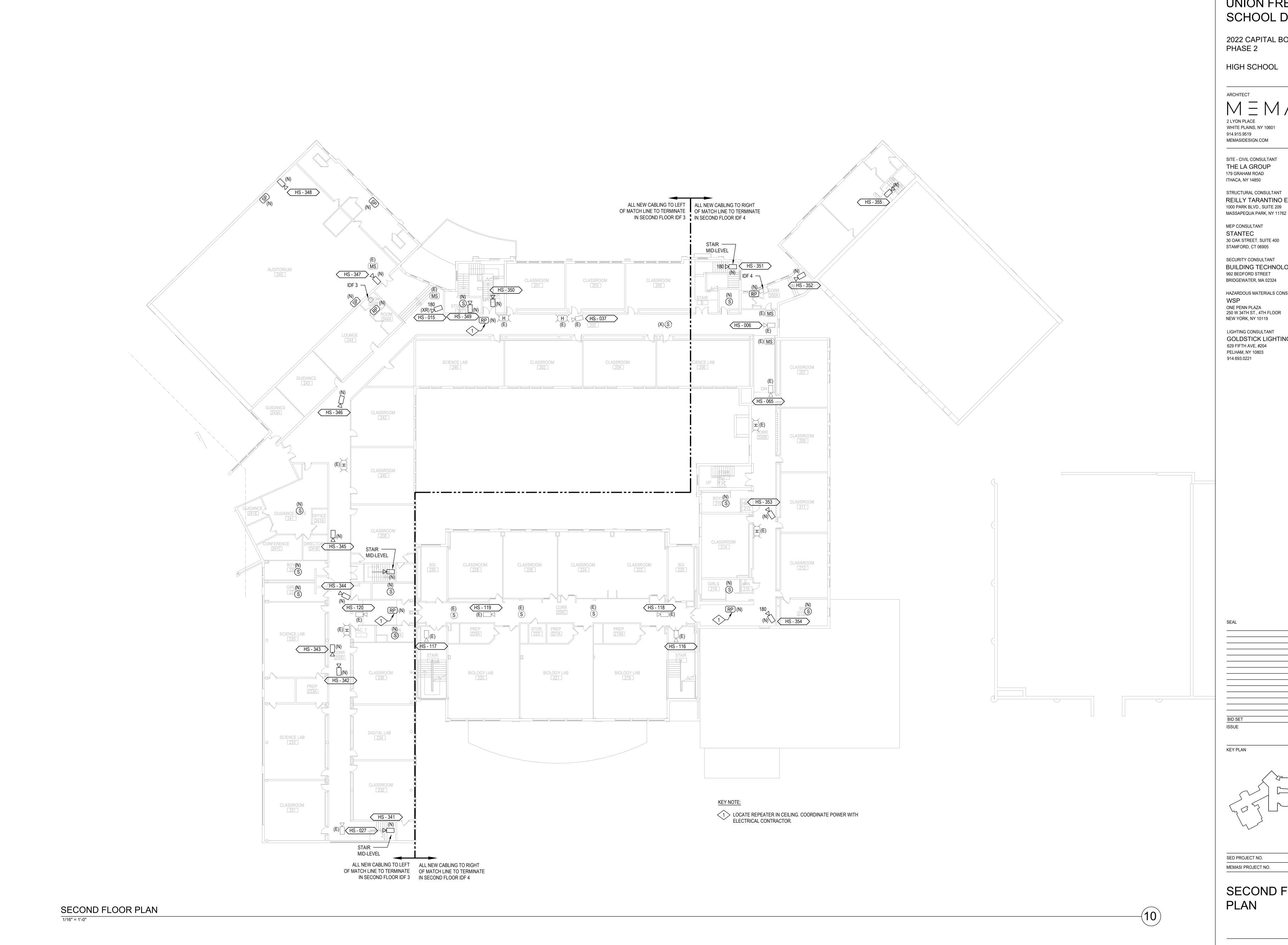


 SED PROJECT NO.
 66-03-01-03-0-003-029

 MEMASI PROJECT NO.
 102-2202

FIRST FLOOR PLAN

HS TY101



2022 CAPITAL BOND PROJECT PHASE 2

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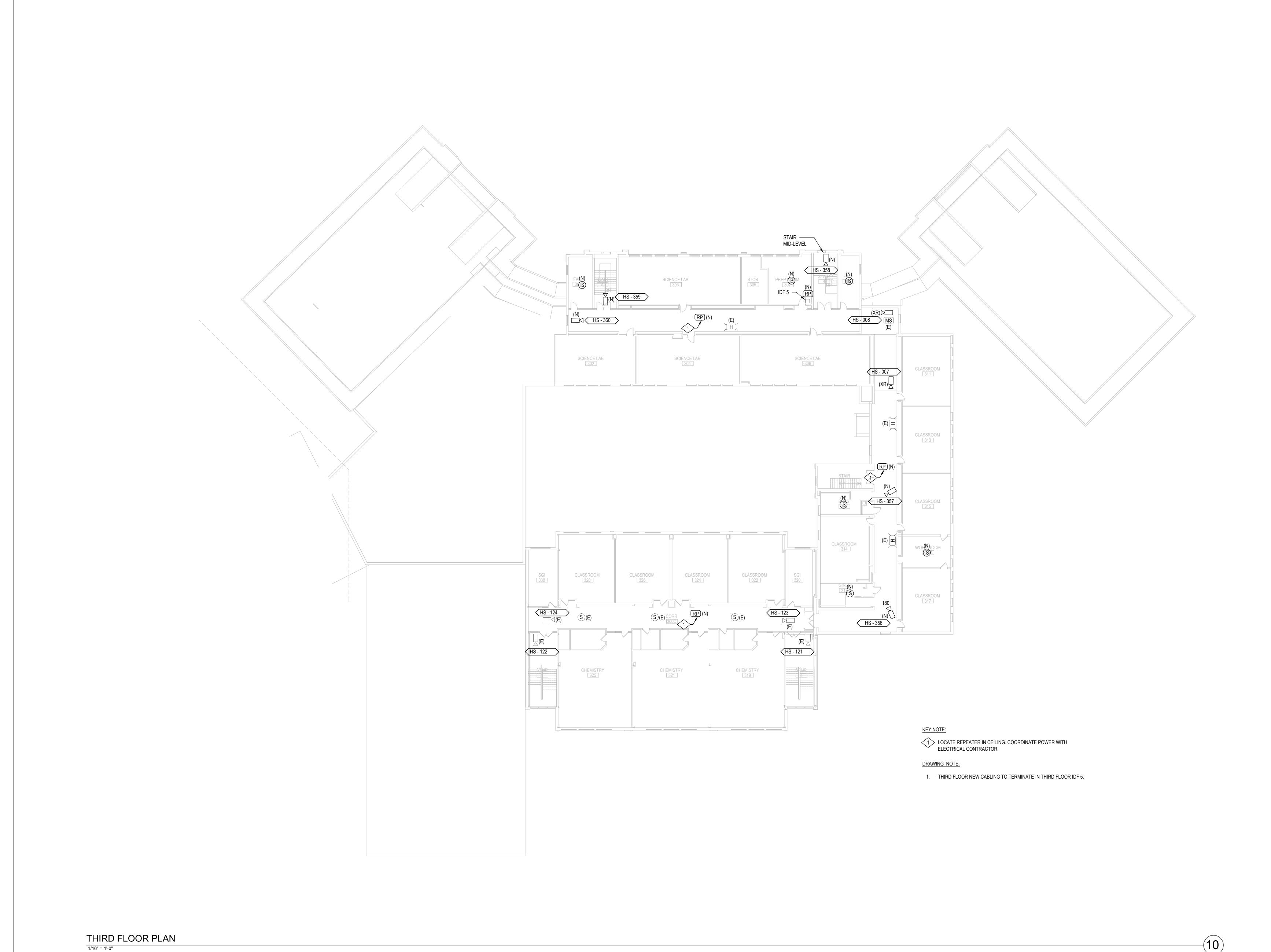
NEW YORK, NY 10119 LIGHTING CONSULTANT

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

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SECOND FLOOR PLAN

HS TY102



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HIGH SCHOOL

ARCHITECT

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STANTEC
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STAMFORD, CT 06905

SECURITY CONSULTANT

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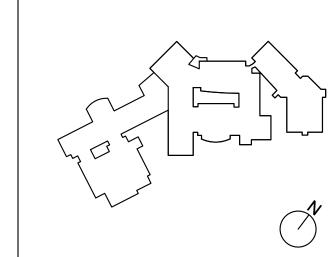
HAZARDOUS MATERIALS CONS WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

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SEAL

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KEY PLAN

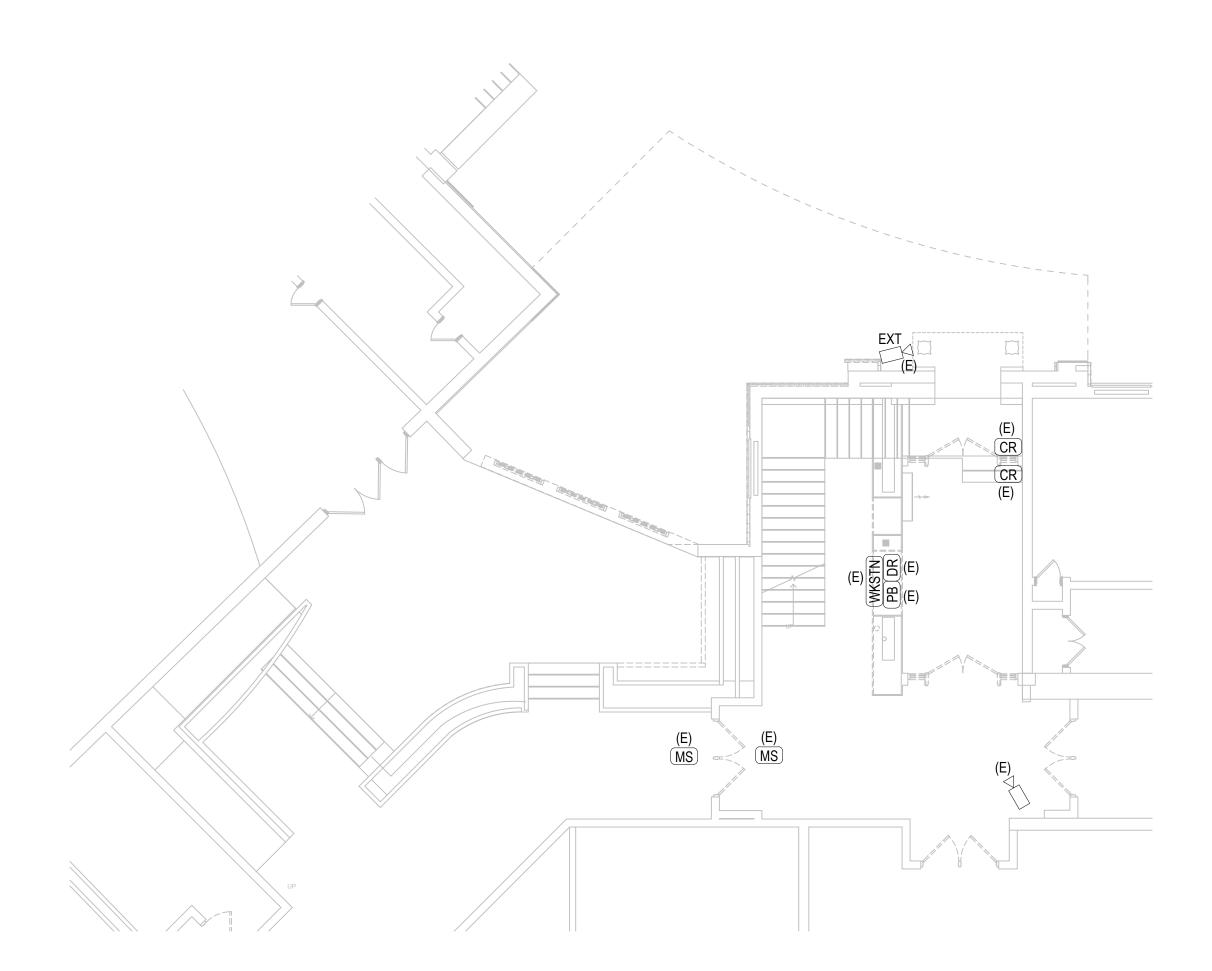


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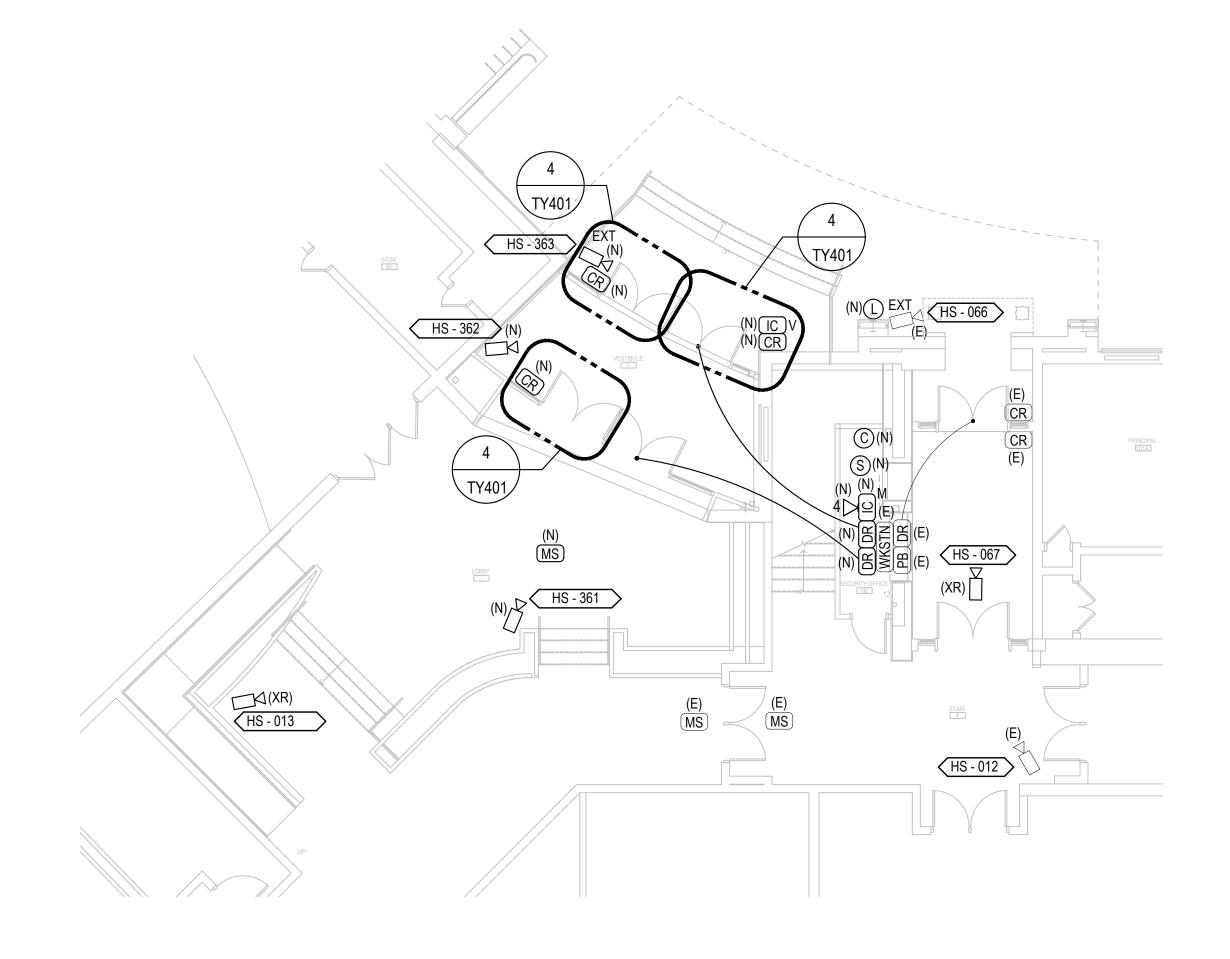
THIRD FLOOR PLAN

HS TY103



SECURITY VESTIBULE DEMO PLAN

1/8" = 1'-0"



SECURITY VESTIBULE NEW PLAN

1/8" = 1'-0"



EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

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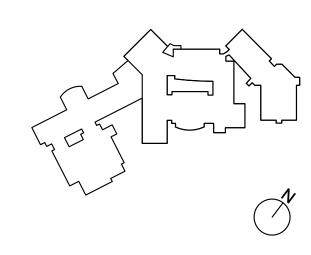
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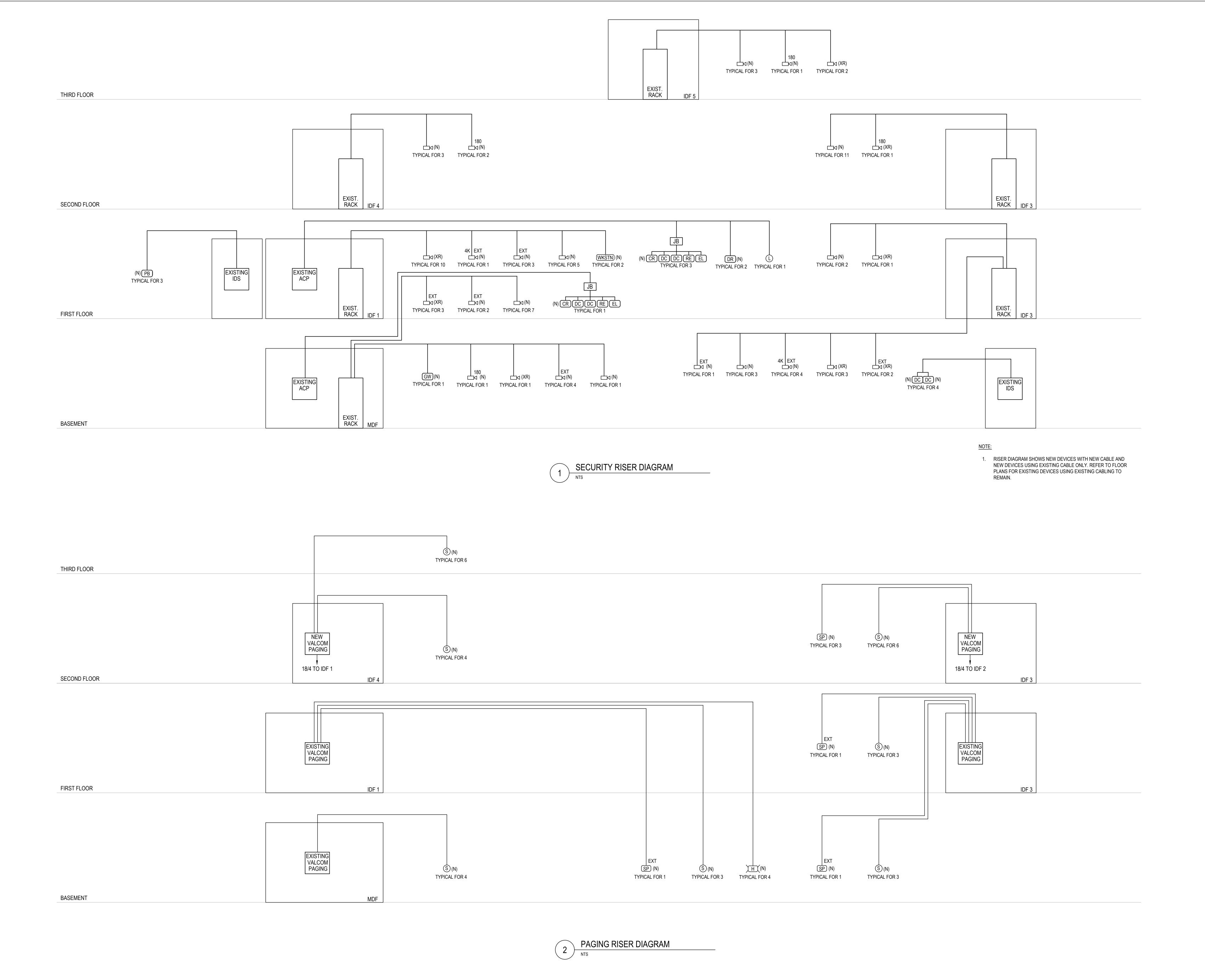
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ENLARGED PLANS

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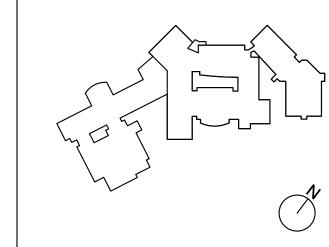
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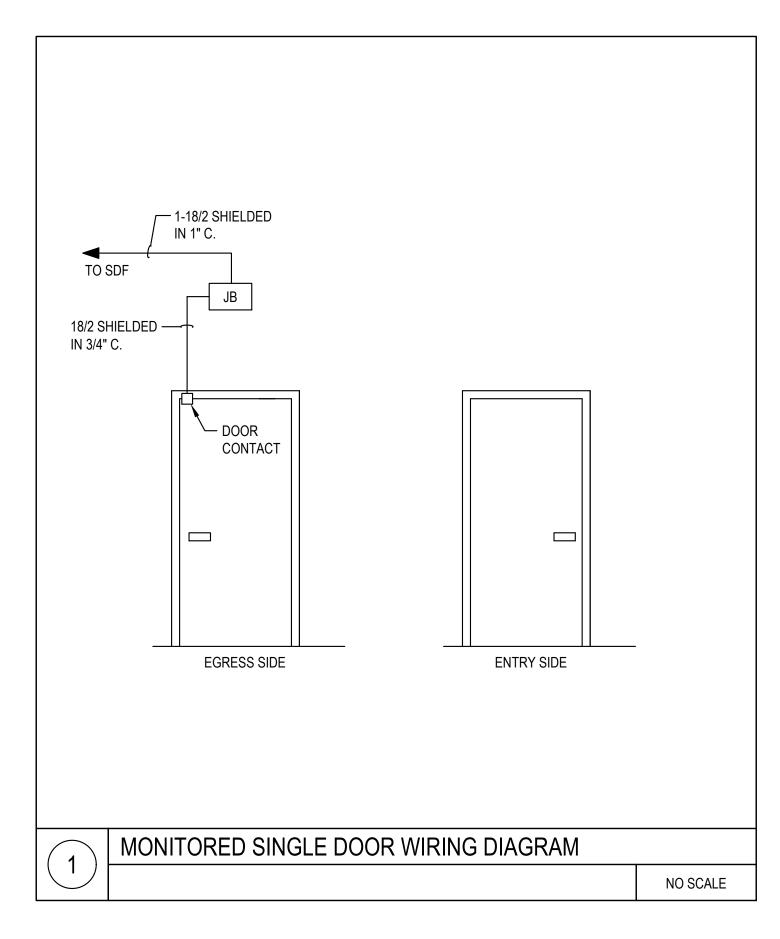
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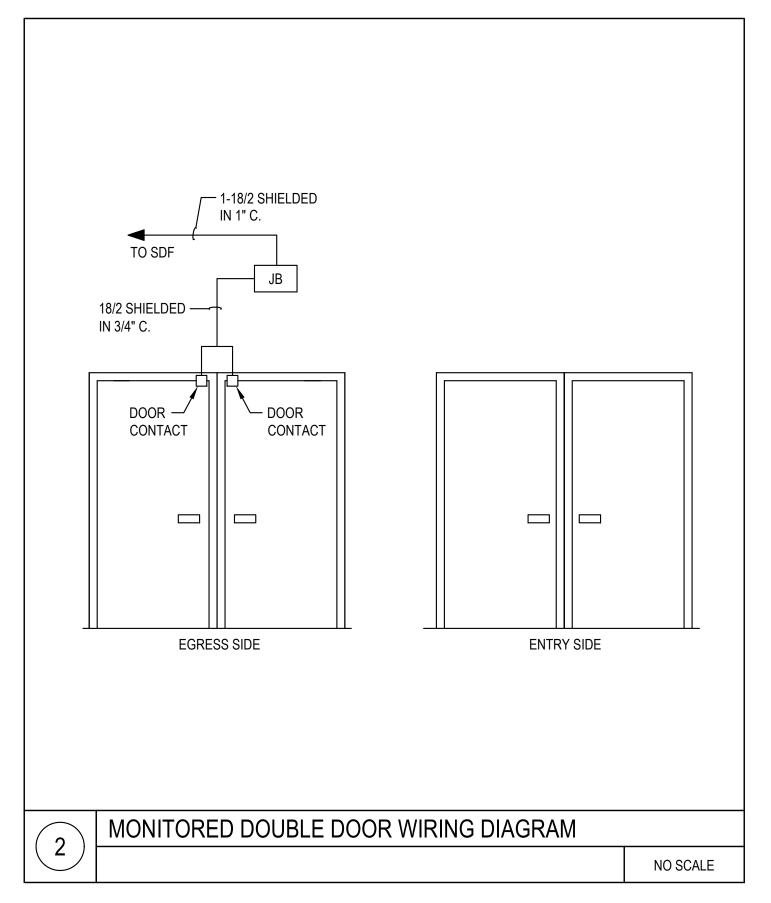


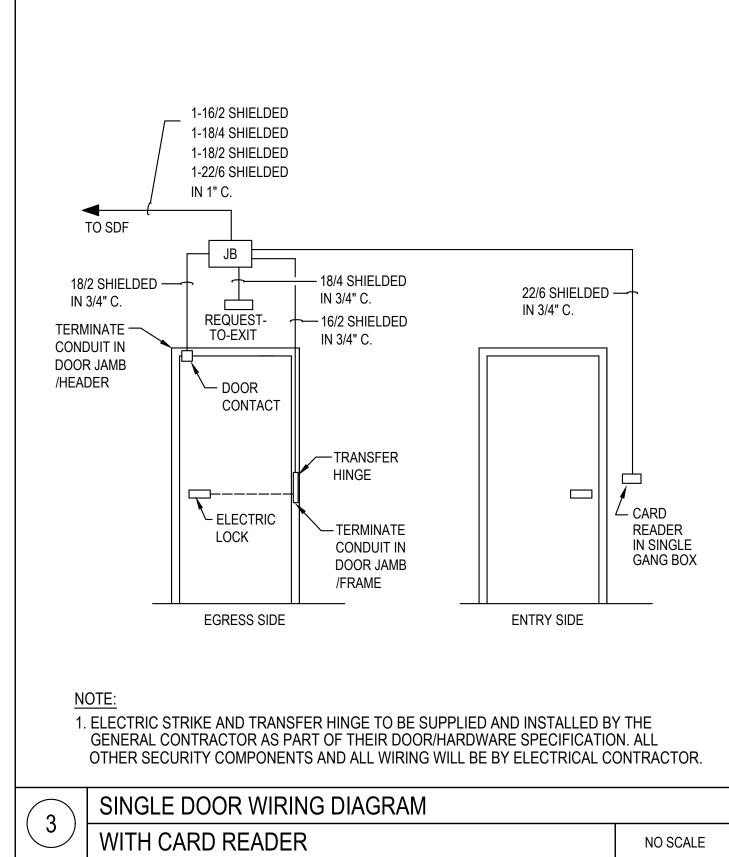
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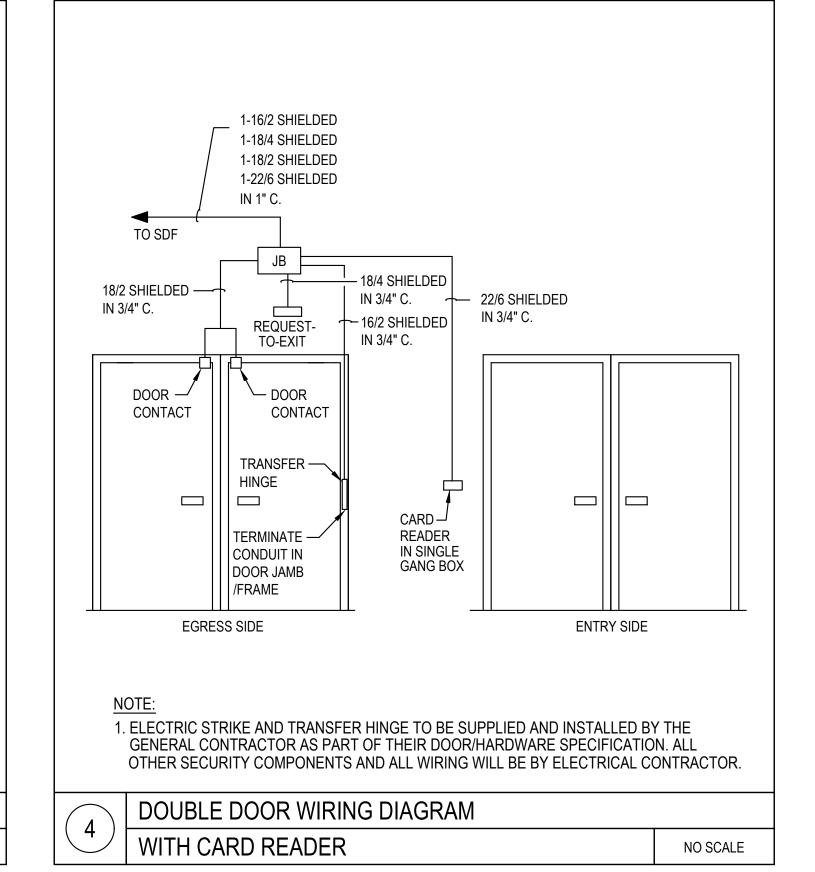
RISER DIAGRAMS

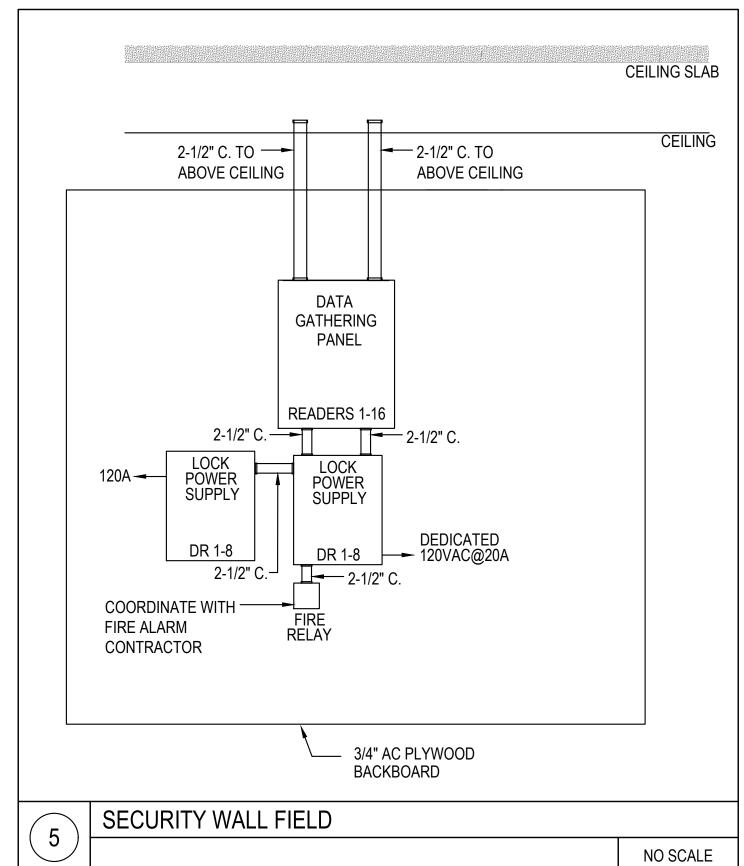
HS TY301

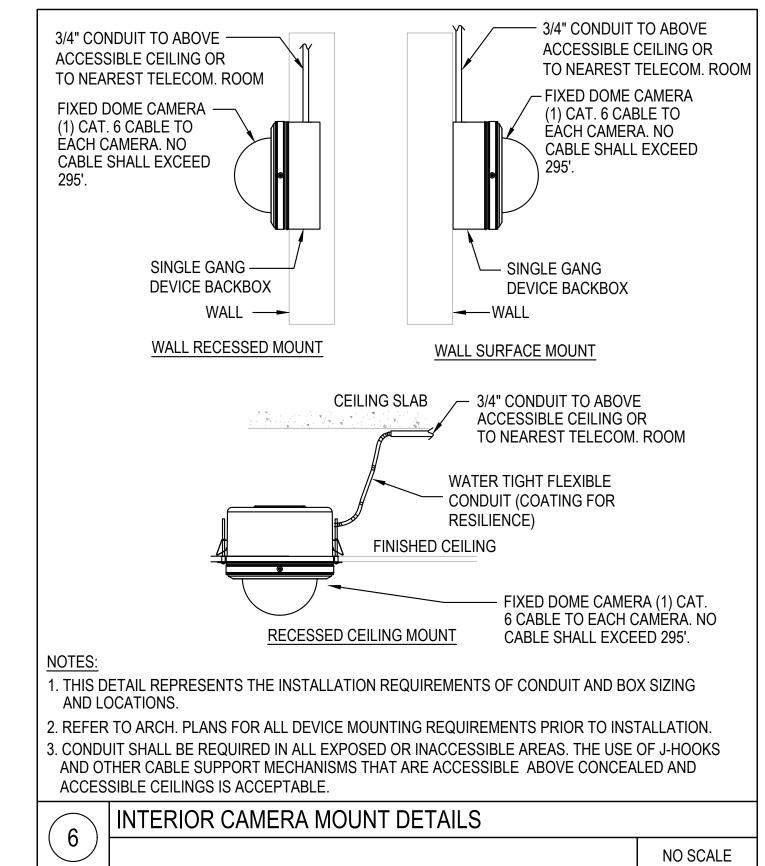


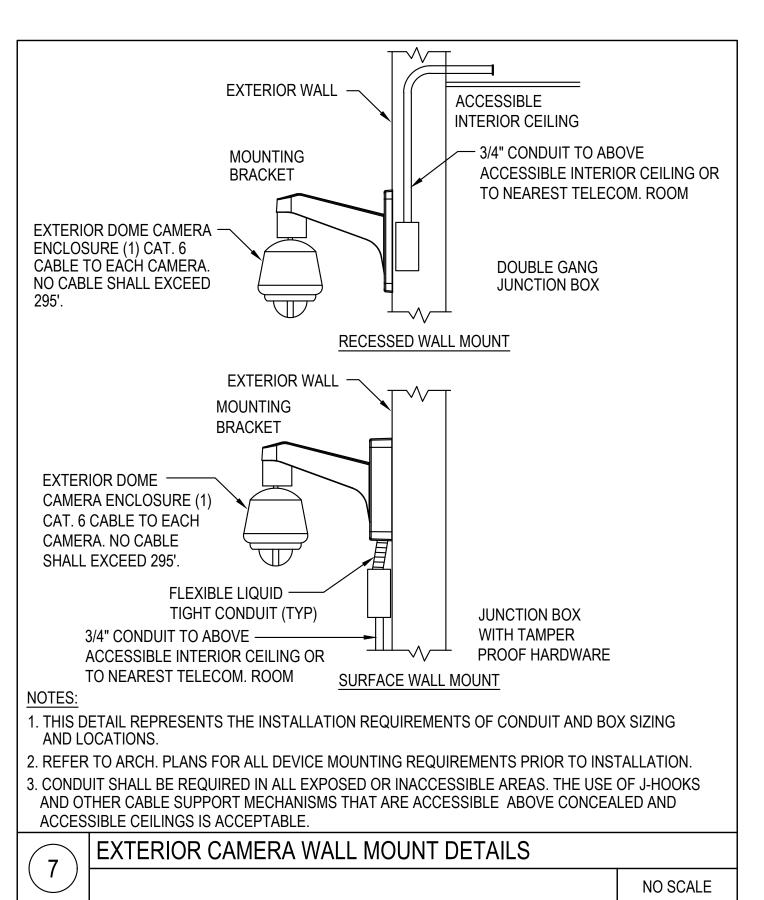














2022 CAPITAL BOND PROJECT PHASE 2

HIGH SCHOOL

ARCHITECT

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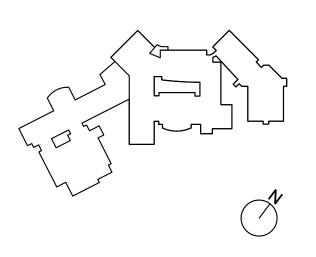
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KEY PLAN



66-03-01-03-0-003-029

102-2202

SED PROJECT NO.

MEMASI PROJECT NO.

DETAILS

HS TY401

SECURITY LEGEND AND ABBREVIATIONS

ACS AFF AIC AF/AS AT/AF A/V BMS CKT CR DC DPDT DPST EC ECC EL	CENTER LINE ACCESS CONTROL SYSTEM ABOVE FINISHED FLOOR AMPERES INTERRUPTING CAPACITY AMPERE RATING OF FUSE/SWITCH AMPERE RATING OF CIRCUIT, BREAKER TRIP/FRAME AUDIO/VISUAL BUILDING MANAGEMENT SYSTEM CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK ELEVATOR
AFF AIC AF/AS AT/AF A/V BMS CKT CR DC DPDT DPST EC ECC	ABOVE FINISHED FLOOR AMPERES INTERRUPTING CAPACITY AMPERE RATING OF FUSE/SWITCH AMPERE RATING OF CIRCUIT, BREAKER TRIP/FRAME AUDIO/VISUAL BUILDING MANAGEMENT SYSTEM CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
AIC AF/AS AT/AF A/V BMS CKT CR DC DPDT DPST EC ECC	AMPERES INTERRUPTING CAPACITY AMPERE RATING OF FUSE/SWITCH AMPERE RATING OF CIRCUIT, BREAKER TRIP/FRAME AUDIO/VISUAL BUILDING MANAGEMENT SYSTEM CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
AF/AS AT/AF A/V BMS CKT CR DC DPDT DPST EC ECC	AMPERE RATING OF FUSE/SWITCH AMPERE RATING OF CIRCUIT, BREAKER TRIP/FRAME AUDIO/VISUAL BUILDING MANAGEMENT SYSTEM CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
AT/AF A/V BMS CKT CR DC DPDT DPST EC ECC	AMPERE RATING OF CIRCUIT, BREAKER TRIP/FRAME AUDIO/VISUAL BUILDING MANAGEMENT SYSTEM CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
A/V BMS CKT CR DC DPDT DPST EC ECC	AUDIO/VISUAL BUILDING MANAGEMENT SYSTEM CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
BMS CKT CR DC DPDT DPST EC ECC	BUILDING MANAGEMENT SYSTEM CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
CKT CR DC DPDT DPST EC ECC	CIRCUIT CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
CR DC DPDT DPST EC ECC	CARD READER DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
DC DPDT DPST EC ECC	DOOR CONTACT DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
DPDT DPST EC ECC	DOUBLE POLE DOUBLE THROW DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
DPST EC ECC	DOUBLE POLE SINGLE THROW ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
ECC ECC	ELECTRICAL CONTRACTOR ENGINEER'S CONTROL CENTER ELECTRIC LOCK
ECC	ENGINEER'S CONTROL CENTER ELECTRIC LOCK
	ELECTRIC LOCK
	ELECTRIC LOCK
	ELEVATOR
ELEV	FLEVALUE
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 NO	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OPP	OPPOSITE PART TO THE TOTAL PART THE
PTZ	PAN-TILT-ZOOM
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

EL	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		
(3)	CEILING SPEAKER		
0	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		
	SECURITY CAMERA		
□14K	4K SECURITY CAMERA		
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
□⊠180	180° SECURITY CAMERA		
□⋈EXT	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
O	CONDUIT UP
•	CONDUIT DOWN
	CONDUIT STUBBED OUT WITH BUSHING NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
E	CONDUIT STUBBED OUT AND CAPPED NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
——ст——	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

- 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.

 WHERE EXISTING OUTLIETS ARE NOT TO BE REUSED. THEY SHALL BE REMOVED AND
- 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.
- 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.
- 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.
- REFER TO SECURITY SPECIFICATIONS 28 01 00.
- 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.
- PROVIDE FIRE STOPPING FOR ALL SLEEVE, CONDUIT AND CABLE TRAY PENETRATIONS THROUGH RATED PARTITIONS OR FLOORS IN ACCORDANCE WITH THE CODE AND SPECIFICATIONS.
- . WALL MOUNTED DEVICES SHALL BE WIRED VIA 1" RIGID METAL CONDUIT WITHIN WALL TO THE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE SPECIFIED.
- 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.
- 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 LÚGS.

 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
- 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

MS TY001	LEGEND AND ABBREVIATIONS
MS TY100	BASEMENT PLAN
MS TY101	FIRST FLOOR PLAN
MS TY102	SECOND FLOOR PLAN
MS TY301	RISER DIAGRAMS
MS TY401	DETAILS

SCHOOL DISTRICT

UNION FREE

EASTCHESTER

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE SCHOOL

ARCHITECT

M = M \ S |

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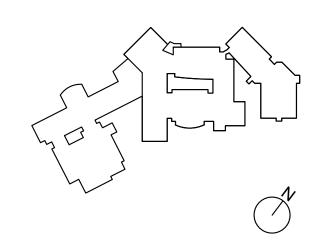
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BRIDGEWATER, MA 02324

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

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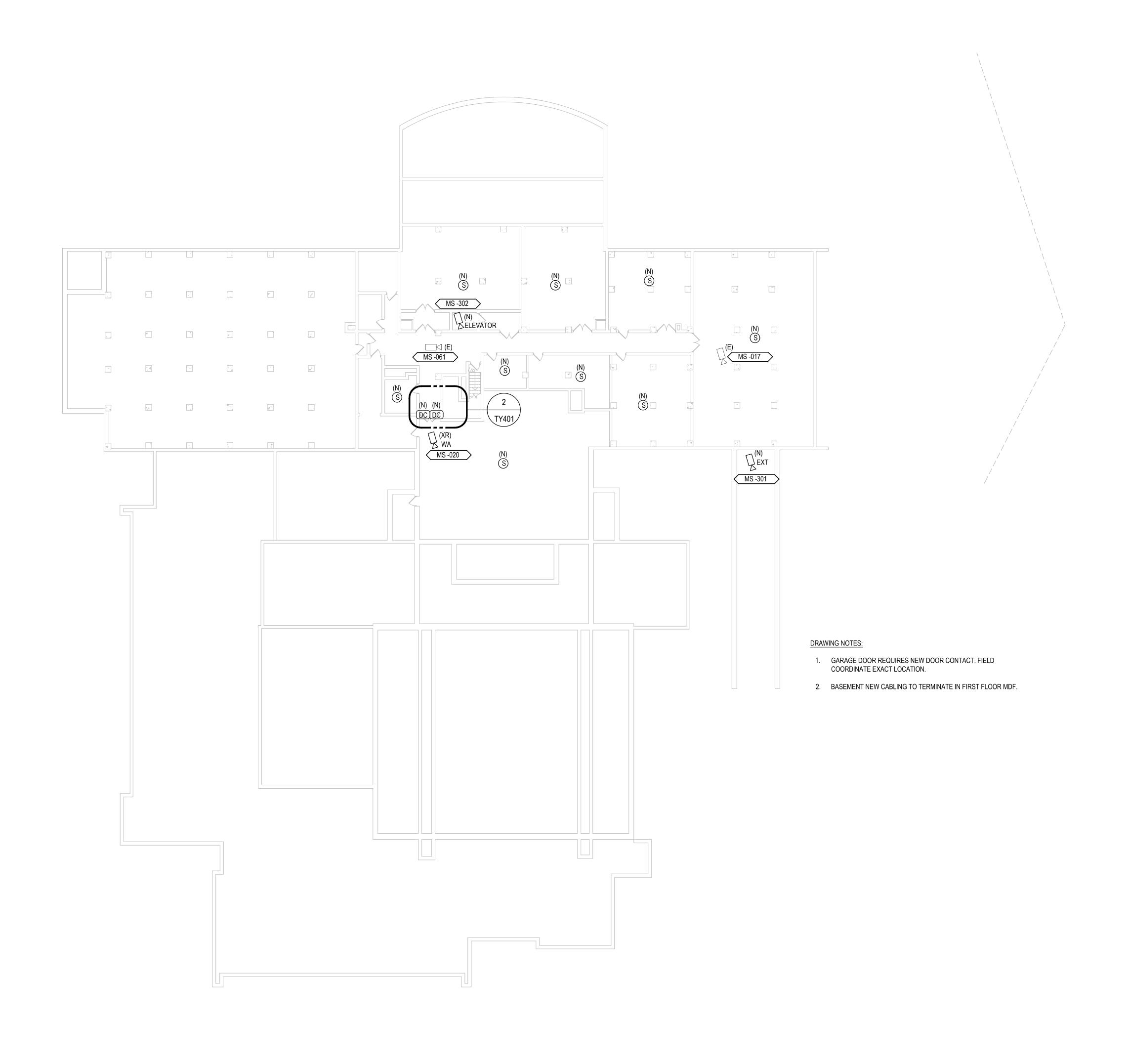
ABBREVIATIONS

66-03-01-03-0-003-029

SED PROJECT NO.

MEMASI PROJECT NO.

MS TY001



2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE SCHOOL

 $M \equiv M \wedge SI$

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

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

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MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

BRIDGEWATER, MA 02324

NEW YORK, NY 10119

914.693.0221

STAMFORD, CT 06905 SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET

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

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

SED PROJECT NO. 66-03-01-03-0-003-029 MEMASI PROJECT NO.

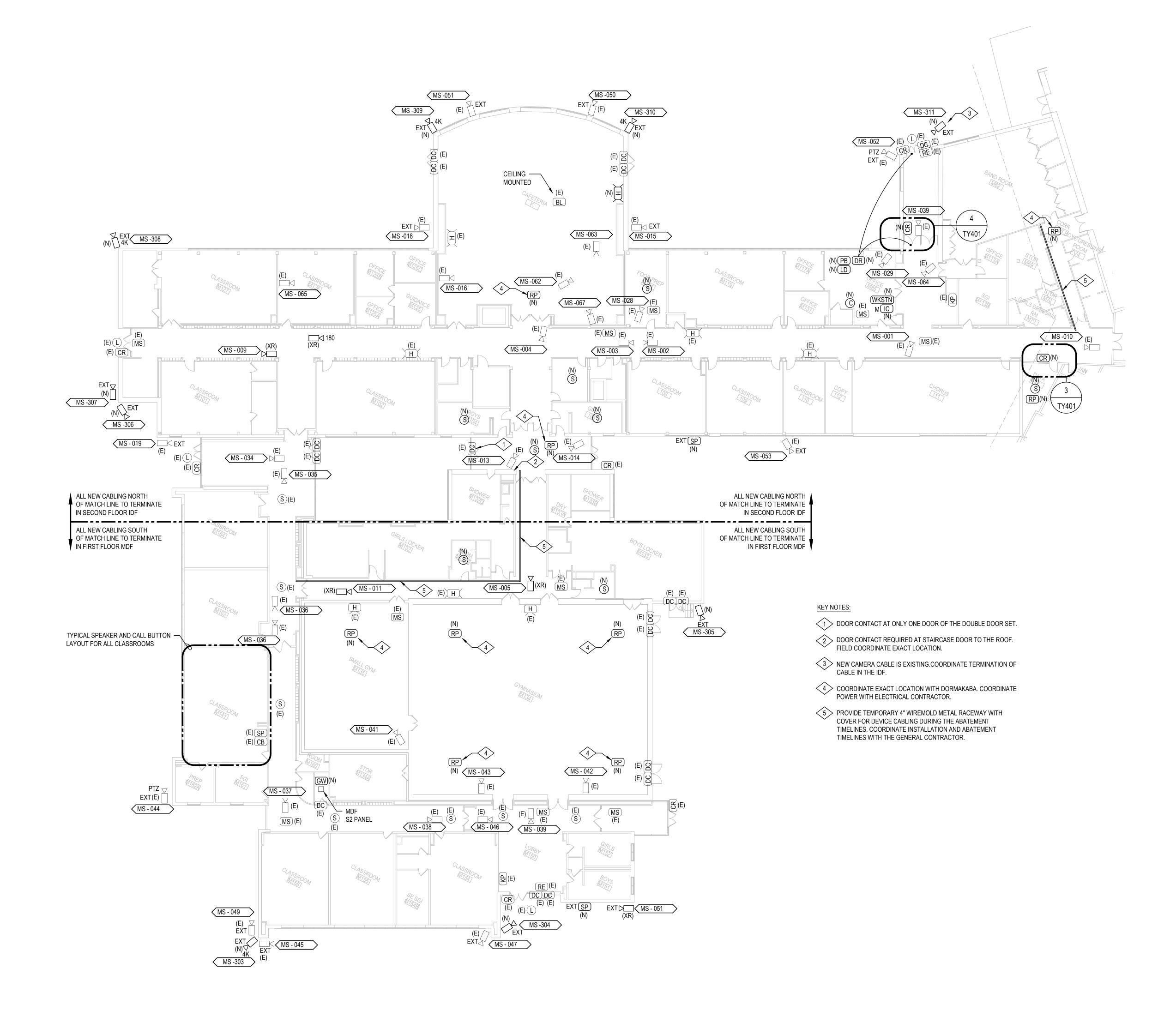
BASEMENT PLAN

MS TY100

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BASEMENT PLAN

1/16" = 1'-0"



FIRST FLOOR PLAN

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

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MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400

992 BEDFORD STREET

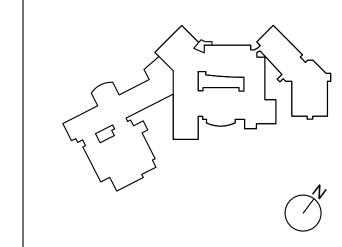
NEW YORK, NY 10119

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STAMFORD, CT 06905 SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING

BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR

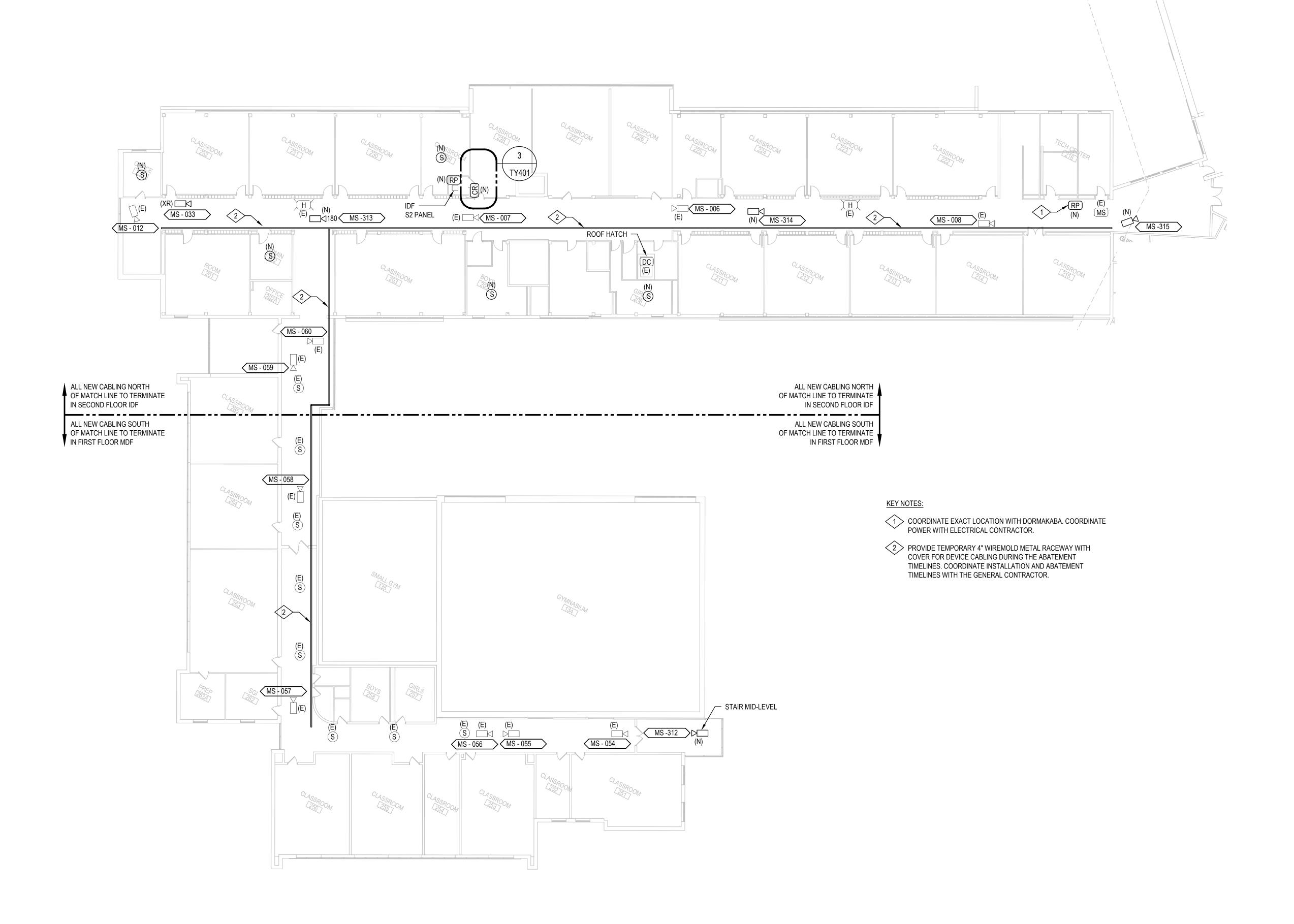
LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803



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FIRST FLOOR PLAN

MS TY101



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ARCHITECT

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MEP CONSULTANT

STANTEC

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STAMFORD, CT 06905

SECURITY CONSULTANT

BUILDING TECHNOLOGY CONSULTING

992 BEDFORD STREET

BRIDGEWATER, MA 02324

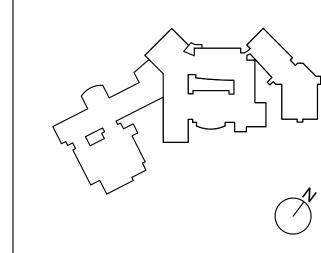
HAZARDOUS MATERIALS CONSULTANT
WSP
ONE PENN PLAZA

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

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GOLDSTICK LIGHTING DESIGN
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 SED PROJECT NO.
 66-03-01-03-0-003-029

 MEMASI PROJECT NO.
 102-2202

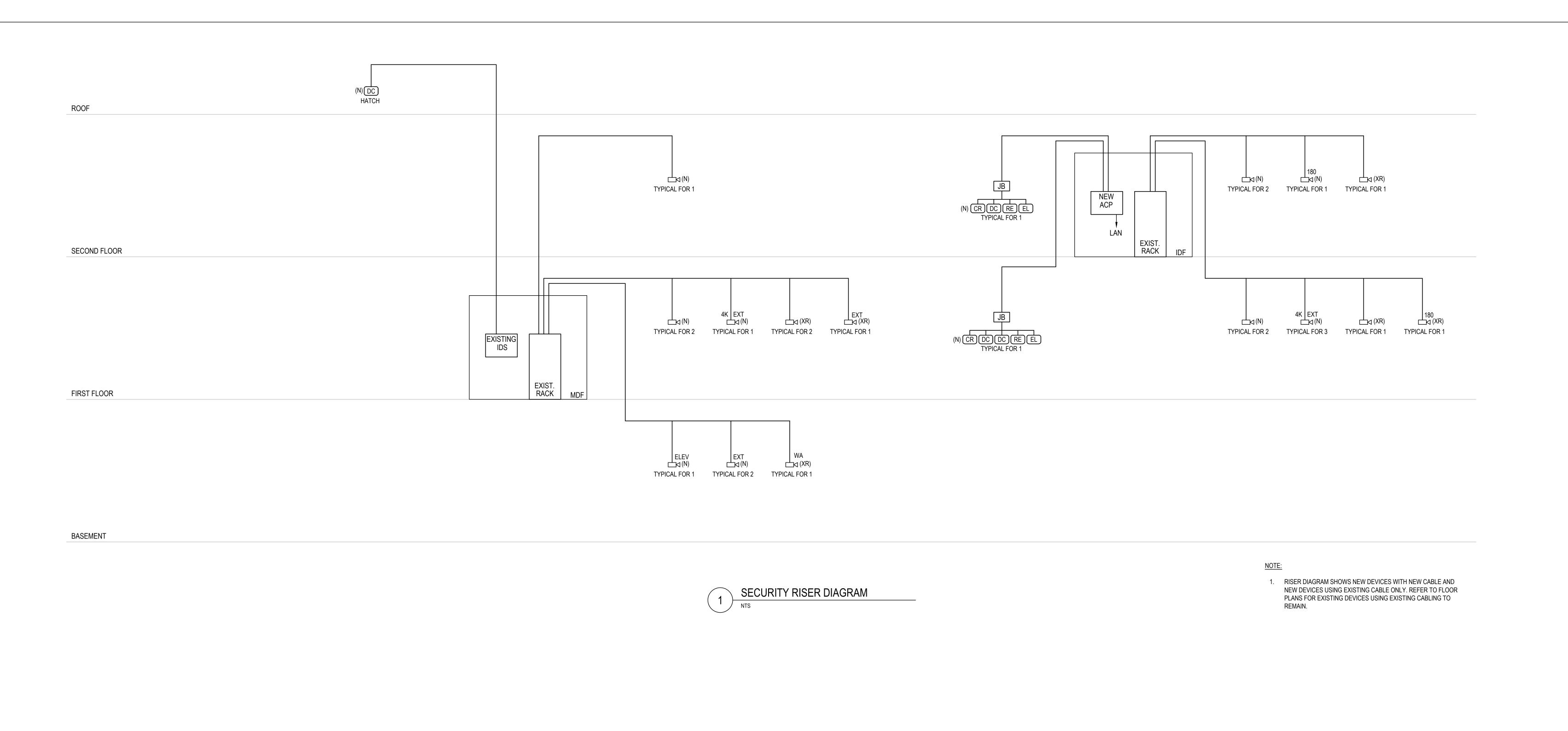
SECOND FLOOR PLAN

MS TY102

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SECOND FLOOR PLAN

1/16" = 1'-0"





ROOF

2 PAGING RISER DIAGRAM

NTS

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

MIDDLE SCHOOL

ARCHITECT

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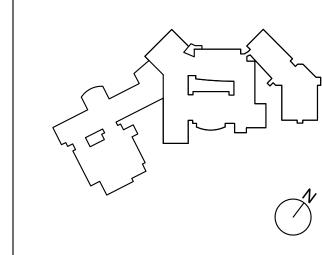
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PELHAM, NY 10803

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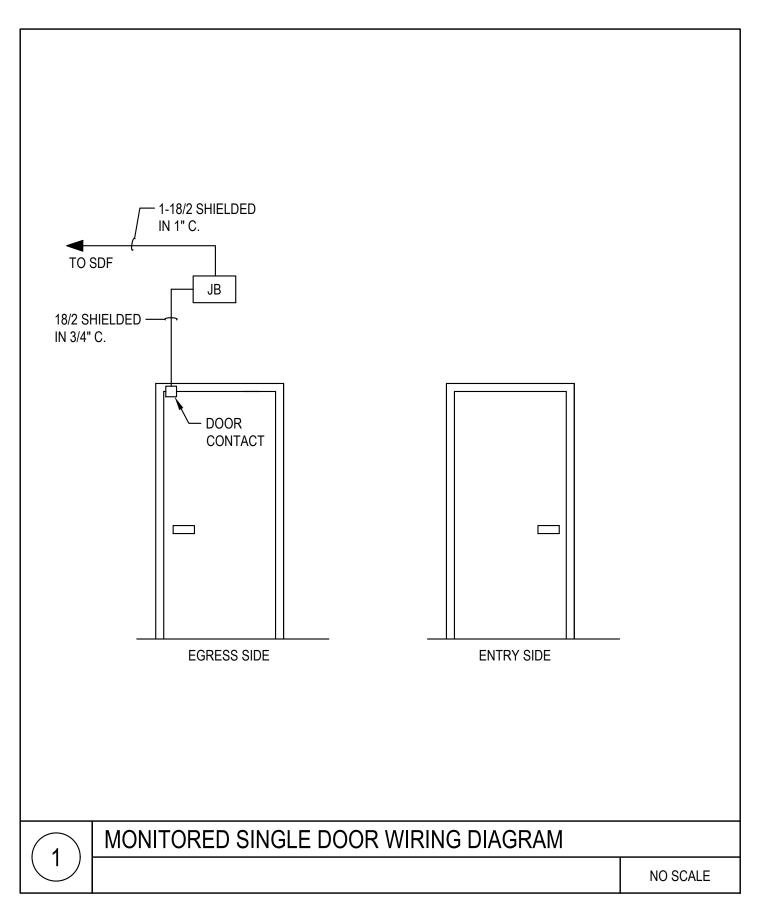


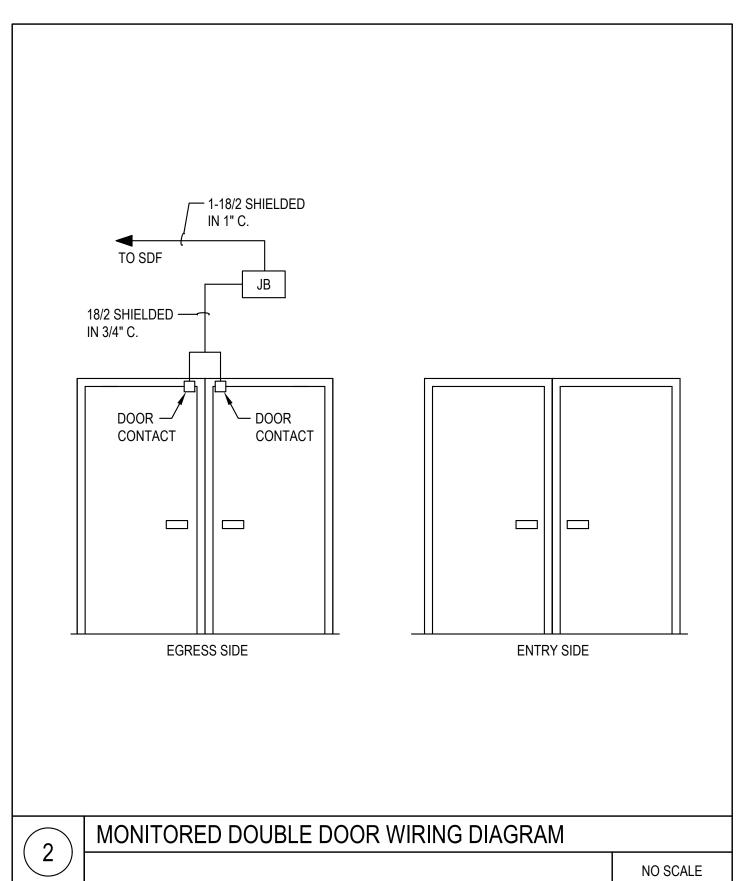
 SED PROJECT NO.
 66-03-01-03-0-003-029

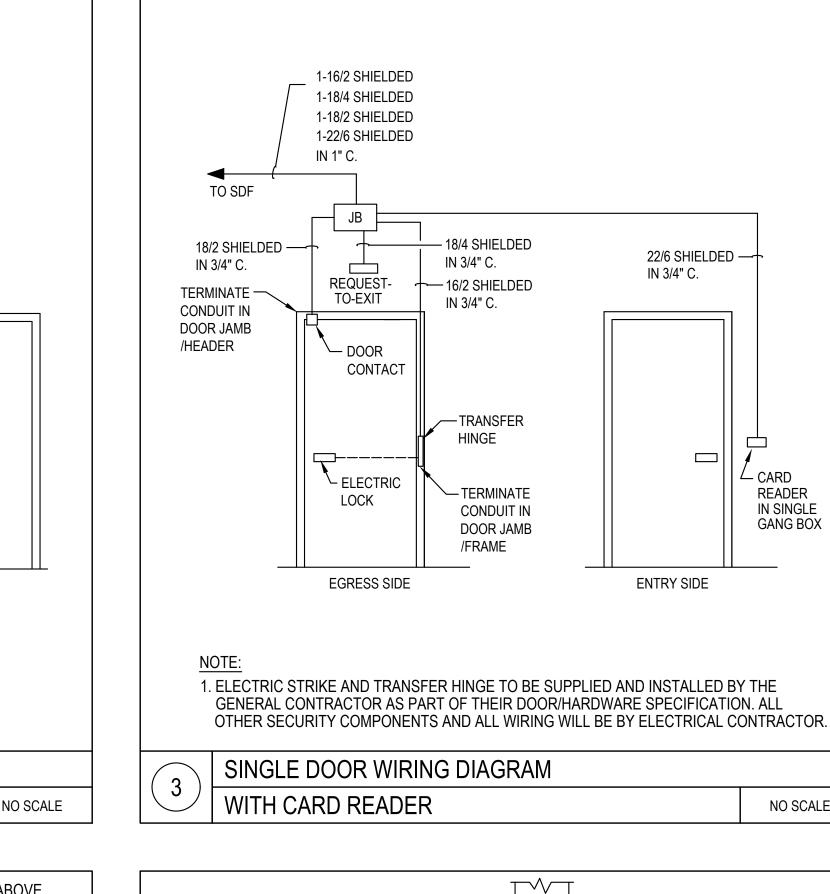
 MEMASI PROJECT NO.
 102-2202

RISER DIAGRAMS

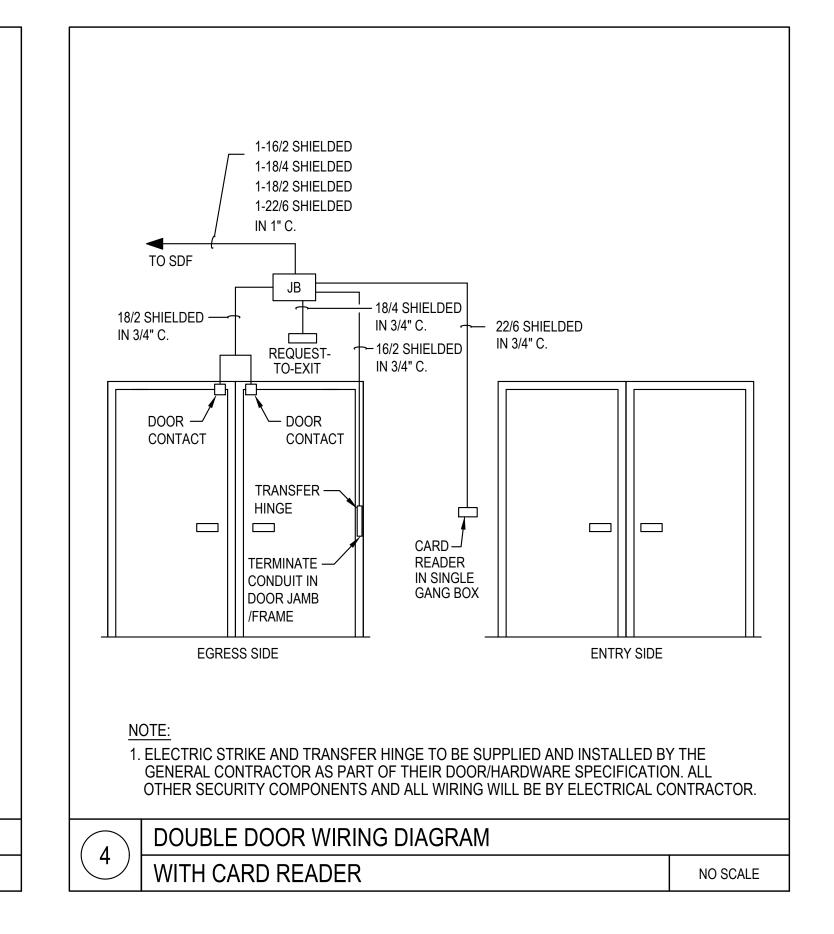
MS TY301

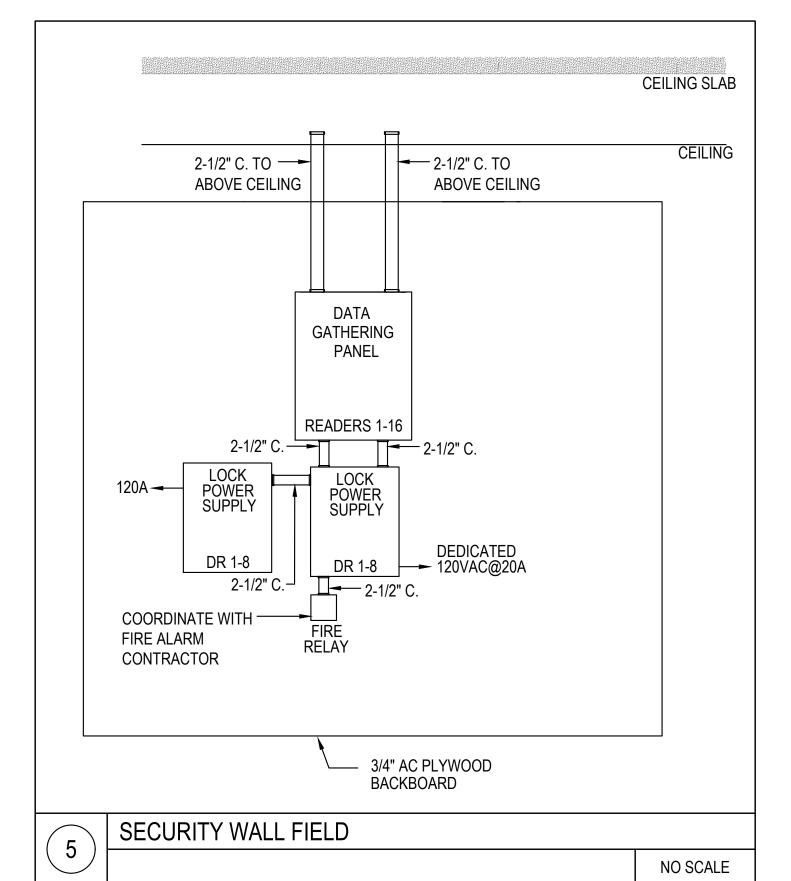


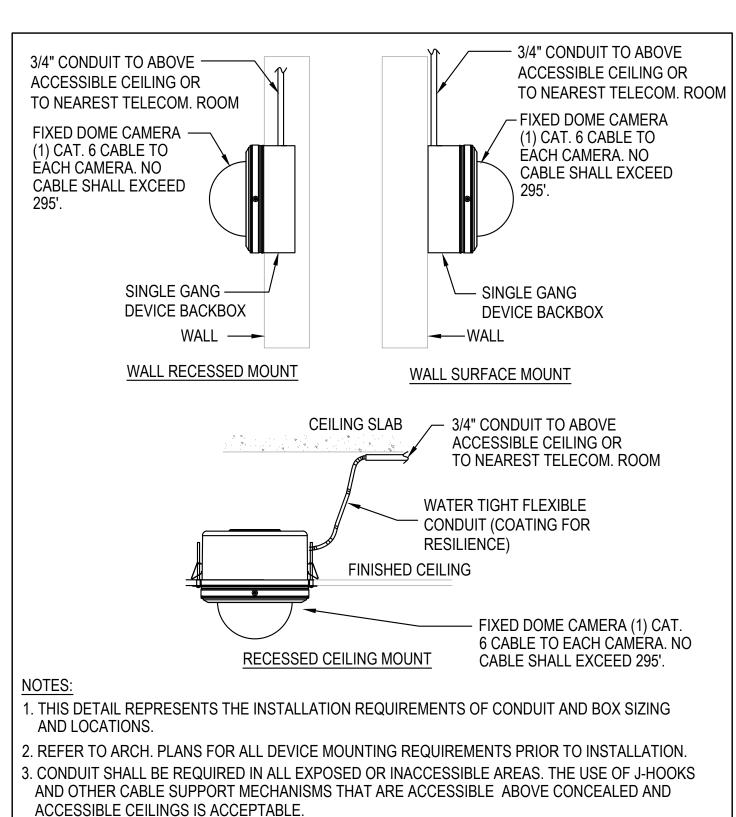




GANG BOX

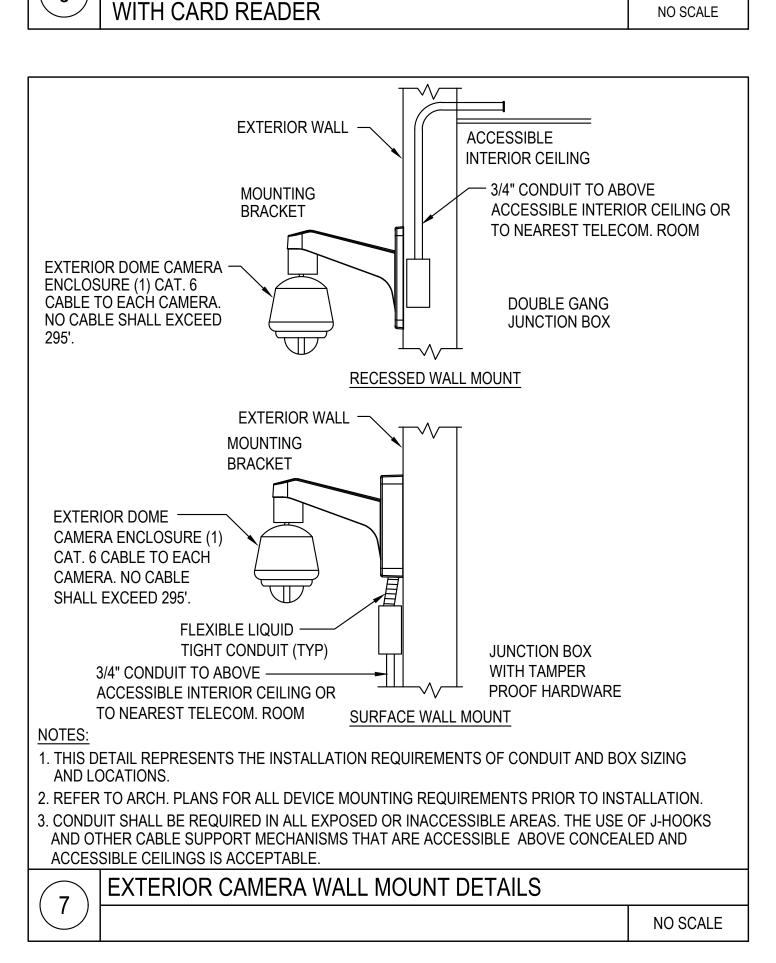


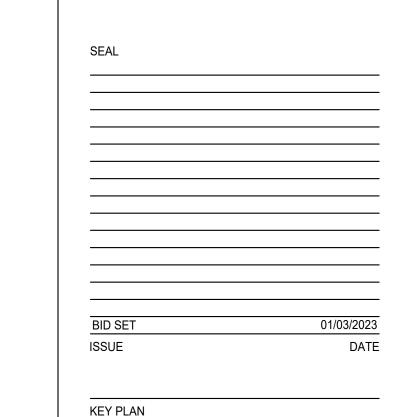




NO SCALE

INTERIOR CAMERA MOUNT DETAILS





EASTCHESTER

SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT

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ARCHITECT

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30 OAK STREET, SUITE 400

SECURITY CONSULTANT

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