ABBREVIATIONS

ARCHITECTURAL LEGEND

ABBRE	INATIONS		PLAN GRAPHICS LEGEND
ABBREVIATIO	ON DESCRIPTION	MATERIAL INDICATIONS	EXISTING CONSTRUCTION TO REMAIN
ADD ADMIN	ADDENDUM ADMINISTRATIVE	EARTH	
AFF ALT	ABOVE FINISHED FLOOR ALTERNATE	GRANULAR FILL	XXXXXXX NEW CONCRETE MASONRY WALL
APPROX ARCH	APPROXIMATE ARCHITECT / ARCHITECTURAL AUDIO VISUAL	BRICK	NEW METAL STUD WALL
AV BLDG	BUILDING		
BOT OR B/ BSMT	BOTTOM OF BASEMENT	CONCRETE	
CJ CL	CONTROL / CONSTRUCTION JOINT CENTERLINE	GROUT	
CLG / CLNG CLR	CEILING CLEAR	ROUGH WOOD BLOCKING	
CMU COL	CONCRETE MASONRY UNIT COLUMN		
CONC CONF	CONCRETE CONFERENCE	SHIM	FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW U.O.N. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS F
CONT COORD CORR	CONTINUOUS COORDINATE CORRIDOR	FINISH WOOD	_INSIDE OF FRAME TO WALL FINISH. +18"_+ MIN_+
DEMO	DEMOLITION	PLYWOOD	
DET DIA	DETAIL DIAMETER	SHEATHING	
DN DWG	DOWN DRAWING	RIGID INSULATION	
ED EIFS	EDUCATION EXTERIOR INSULATION FINISH SYSTEM	BATT INSULATION	1 1
ELECT EPDM	ELECTRIC / ELECTRICAL ETHYLENE PROPYLENE DIENE MONOMER	SPRAY FOAM INSULATION	
EQ EQUIP	EQUAL EQUIPMENT	EPS INSULATION	GENERAL NOTES
EXST EJ EXT	EXISTING EXPANSION JOINT EXTERIOR	STEEL	
FIN	FINISH		 DIMENSIONS ARE GIVEN THUS (UNLESS OTHERWISE A. TO FACE OF MASONRY WALL
FIN FL FIXT	FINISH FLOOR FIXTURE		B. TO FACE OF GYPSUM WALL BOARDC. TO COLUMN CENTERLINES
FLR FRT	FLOOR FIRE-RETARDENT-TREATED MATERIAL	DIMENSIONING CONVENTIONS	D. TO FINISH FACE OF SOFFIT OR CEILING E. FACE OF EXISTING CONSTRUCTION
FTG GA	FOOTING GAUGE	FACE OF STUD OR CMU	2. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT S VERIFICATION BEFORE PROCEEDING WITH THE ASS
GAL GALV	GAUGE GALLON GALVANIZE(D)		3. WALLS ON COLUMN LINES ARE CENTERED, U.O.N.
GC GND	GENERAL CONTRACT(OR) GROUND		4. ALL DIMENSIONS RELATED TO EXISTING CONDITION
GWB GWBS	GYPSUM WALL BOARD GYPSUM WALL BOARD SOFFIT		
HC HM	HANDICAPPED ACCESSIBLE HOLLOW METAL	<u>SYMBOLS</u>	 LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CI REQUIRED TO COORDINATE LAYOUTS OF PARTITION CLEAR DIMENSIONS.
HORIZ	HOLLOW METAL HORIZONTAL HOUR		6. ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRS
HT HTG	HEIGHT HEATING	100 ROOM NUMBER	 ALL WOOD BLOCKING WITHIN ROOFING SYSTEM AND
HVAC	HEATING/VENTILATING/AIR CONDITIONING		8. ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALE
ID IN	INSIDE DIMENSION INCH / INCHES	A100 DOOR NUMBER, REFER TO A900 DRAWINGS	FIRE DAMPER REQUIREMENTS.
INT JAN	INTERIOR JANITOR	UNDOW TAG, REFER TO A900 DRAWINGS	 9. ALL EXPOSED SURFACES OF NEW PARTITIONS AND 10. PROVIDE PATCH TO MATCH EXISTING FINISHES AT A
JC JST	JANITOR'S CLOSET JOIST	(BL11) BORROWED LIGHT NUMBER, REFER TO A900 DRAWINGS	AND SPECIFICATIONS.
JT	JOINT	S1 STOREFRONT / CURTAINWALL NUMBER, REFER TO A900 DRAWINGS	11. FOR ALL MATERIAL TESTING, REFER TO SPECIFICAT
LAB LB	LABORATORY POUND	1 COLUMN GRID DESIGNATION	12. ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED
LIN LVL	LINEAR LEVEL	PARTITION TAG, REFER TO A700 DRAWINGS	
MAN MAS	MANUAL MASONRY		2020 EXISTING BUILDING CO ANALYSIS - CLASSIFICATION
MAX MDF	MAXIMUM MEDIUM DENSITY FIBERBOARD	ADDITIONAL NOTES FOR PARTITION	ANAL 1313 - CLASSIFICATION
MECH MEZZ	MECHANICAL MEZZANINE		EBC 603 ALTERATION - LEVEL 2 EBC 603.1 SCOPE LEVEL 2 AI
MFR MID	MANUFACTURE(R) MIDDLE		ELIMINATION THE INSTA
MIN MISC MO	MINIMUM MISCELLANEOUS MASONRY OPENING		
MTL	METAL	-	2020 BUILDING CODE OF NE
NA NIC	NOT APPLICABLE NOT IN CONTRACT		CHAPTER 3 - OCCUPANCY C
NOM NTS	NOMINAL NOT TO SCALE	ACCESSIBILITY SIGN	CHAPTER 6 - TYPES OF CON
OA OC	OVERALL ON CENTER	WALL FINISH	BC 302.1 OCCUPANCY CLASSIFICATION 3. EDUCAT
OD O/HD	OUTSIDE DIAMETER OVERHEAD	BASE FINISH FLOOR FINISH CEILING FINISH TO AF100 DRAWINGS	BC 305.1 EDUCATIONAL GROUP E EDUCATIO
OPT OZ	OPTIONAL OUNCE		STRUCTUF EDUCATIO
PERIM	PERIMETER	CHANGE IN FINISH MATERIAL	TABLE 601 FIRE-RESISTANCE REQUIREMENTS PRIMARY S FOR BUILDING ELEMENTS AND PART
PLAM PLBG PLAS	PLASTIC LAMINATE PLUMBING PLASTER		EXISTING BUILDING TYPE I-B A
PLYWD PNL	PLYWOOD PANEL		
PNT POLYISO	PAINT(ED) POLYISOCYANURATE	DETAIL INDICATOR LEGEND	
PPT PR PREP	PRESSURE PRESERVATIVE TREATED PAIR PREPARATORY	SECTION INDICATOR	
PKEP PTN PVC	PREPARATORY PARTITION POLYVINYL CHLORIDE	SECTION NUMBER	2020 ENERGY CONSERVATIO
RAD	RADIUS	DRAWING SHEET NUMBER	OF NEW YORK STATE
RB REQD	RUBBER / RUBBER WALL BASE REQUIRED	SECTION IS DRAWN ON DIRECTION OF VIEW	
RM RND RO	ROOM ROUND ROUGH OPENING		TABLE C301.1 NEW YORK STATE CLIMATE ZONES BY COUNTY
SCH	SCHEDULED	DETAIL INDICATOR (SECTION)	CLIMATE ZONE 4A WESTCHESTE
SECT SF	SECTION SQUARE FEET	1	TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM I ROOFS INSULATION ENTIRELY ABOVE RC
SIM SPEC	SIMILAR SPECIFICATION	DRAWING SHEET NUMBER	WALLS, ABOVE GRADE METAL FRAMED WALLS, ABOVE GRADE MASS
SQ SS STC	SQUARE STAINLESS STEEL SOUND TRANSMISSION CLASS	SECTION IS DRAWN ON DIRECTION OF VIEW	WALLS, BELOW GRADE MASS SLAB-ON-GRADE FLOORS UNHEATED SLABS
STC STD STL	SOUND TRANSMISSION CLASS STANDARD STEEL		SEE SPECIFICATIONS FOR MIN. R VALUES.
STOR STRUCT	STEEL STORAGE STRUCTURAL / STRUCTURE	ENLARGED DETAIL INDICATOR	TABLE C402.3 MINIMUM ROOF REFLECTANCE AND EMITTANCE
SUSP SAC	SUSPENDED SUSPENDED ACOUSTICAL CEILING		THREE-YEAR-AGED SOLAR REFLECTANCE INDEX OF 55 AND 3-YEAR THREE-YEAR-AGED SOLAR REFLECTANCE INDEX OF 64
T&B		DRAWING AREA	SEE SPECIFICATIONS FOR MIN. SRI.
T&G TECH TEMP	TONGUE AND GROOVE TECHNOLOGY TEMPORARY		TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM
TMPD TOM	TEMPERED TOP OF MASONRY	DRAWING SHEET NUMBER DETAIL IS DRAWN ON	FIXED FENESTRATION U-FACTOR 0.38 OPERABLE FENESTRATION U-FACTOR 0.45
TOS TYP	TOP OF STEEL TYPICAL		ENTRANCE DOORS U-FACTOR 0.45
		DETAIL TITLE	SHGC PF < 0.36 0.36 0.2 < PF < 0.5
U.O.N VERT	UNLESS OTHERWISE NOTED	DETAIL TYPE / NAME	PF > 0.5 0.58
VEST VIF	VERTICAL VESTIBULE VERIFY IN FIELD	FLOOR PLAN	SEE SPECIFICATIONS FOR FENESTRATION VALUES COMPLYING WIT
W/	WITH	1/8" = 1'-0"	
W/O WD	WITHOUT WOOD	SCALE	
WPT WT	WOOD PRESERVED-TREATED MATERIAL WEIGHT		
YD	YARD	EXTERIOR ELEVATION INDICATOR	
		DIRECTION OF VIEW	
		DRAWING SHEET NUMBER ————————————————————————————————————	
		INTERIOR ELEVATION INDICATOR	

BLANK ARROW INDICATES ELEVATIONS NOT DETAILED

DRAWING SHEET NUMBER DETAIL IS DRAWN ON

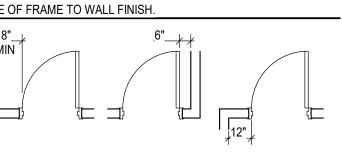
B - ELEVATION NUMBER

- DIRECTION OF VIEWS

PLAN GRAPHICS LEGEND

- EXISTING CONSTRUCTION TO REMAIN ____ EXISTING CONSTRUCTION TO BE REMOVED NEW CONCRETE MASONRY WALL NEW METAL STUD WALL _____
 - NEW BRICK VENEER EXISTING DOOR TO REMAIN
 - EXISTING DOOR TO BE REMOVED

HED DOOR OPENINGS SHALL BE LOCATED AS INDICATED W U.O.N. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM



NERAL NOTES

- ENSIONS ARE GIVEN THUS (UNLESS OTHERWISE NOTED) TO FACE OF MASONRY WALL TO FACE OF GYPSUM WALL BOARD TO COLUMN CENTERLINES TO FINISH FACE OF SOFFIT OR CEILING FACE OF EXISTING CONSTRUCTION NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR RIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK
- DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
- YOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE QUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE EAR DIMENSIONS.
- _ ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION.
- WOOD BLOCKING WITHIN ROOFING SYSTEM AND WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND / OR FIRE STOPPED. COORDINATE WITH 'H' DWGS FOR SMOKE / E DAMPER REQUIREMENTS.
- EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
- DVIDE PATCH TO MATCH EXISTING FINISHES AT ALL WALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS D SPECIFICATIONS.
- RALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION 000220. CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE.

0 EXISTING BUILDING CODE OF NEW YORK STATE ALYSIS - CLASSIFICATION OF WORK

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.

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

OCCUPANCY CLASSIFICATION	3. EDUCATIONAL (SECTION 305):	GROUP E
		TINCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR F, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR THE 12TH GRADE.
	AND PARTITIONS, FLOOR CONSTRUCT	ING WALLS AND PARTITIONS, NONBEARING WALLS TION, AND ROOF CONSTRUCTION. ICE (HOURS): 0

20 ENERGY CONSERVATION CONSTRUCTION CODE NEW YORK STATE

		VOIAIL		
NEW	/ YORK ST	ATE CLIMATE ZONE	ES BY COUNTY	
CLIN	IATE ZONE	E 4A	WESTCHESTER COUNTY, NY	
ł BUIL	DING ENV	ELOPE FENESTRAT	FION MAXIMUM U-FACTOR AND A	HGC REQUIREMENTS
E GRADE E GRADE W GRADE IDE FLOOF		INSULATION ENTIF METAL FRAMED MASS MASS UNHEATED SLABS	RELY ABOVE ROOF DECK	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
ATIONS F	or Min. R	VALUES.		
MINI	MUM ROO	F REFLECTANCE A	ND EMITTANCE	
		ECTANCE INDEX OF	55 AND 3-YEAR AGED THERMAL 64	EMITTANCE OF 0.75
ATIONS F	OR MIN. SI	રા.		
BUIL	DING ENV	ELOPE FENESTRAT	FION MAXIMUM U-FACTOR AND S	HGC REQUIREMENTS
TRATION ENESTRAT DORS	ION	U-FACTOR U-FACTOR U-FACTOR	0.38 0.45 0.77	
		PF < 0.36 0.2 < PF < 0.5 PF > 0.5	0.36 0.43 0.58	PF = PROJECTION FACTOR
ATIONS F	OR FENES	TRATION VALUES	COMPLYING WITH 2020 ENERGY	CONSERVATION CODE.

WAVERLY ELEMENTARY SCHOOL 45 HALL AVENUE, EASTCHESTER, NY 10709

66-03-01-03-0-002-011 SED NO. 102-2202 MEMASI PROJECT NO.

BID SET:

DRAWING LIST

GEN	ERAL DRAWINGS	
WA	G001	GENERAL INFORMATION
WA	LS001	LIFE SAFETY PLAN - GROUND AND FIRST FLOOR
ASB	ESTOS ABATEMENT DF	
WA	H-001.00	ASBESTOS ABATEMENT GENERAL NOTES
WA	H-002.00	ASBESTOS ABATEMENT BASEMENT FLOOR PLAN
ARC	HITECTURAL DEMOLIT	ION DRAWINGS
WA	AD101	DEMOLITION PLAN - FIRST AND SECOND FLOOR
ARC	HITECTURAL DRAWING	SS .
WA	A101	OVERALL PLAN - FIRST AND SECOND FLOOR
WA	A401	MAIN ENTRY
WA	A402	ELEVATIONS - MAIN ENTRY
WA	A501	BUILDING SECTIONS AND DETAILS
WA	A502	DETAILS
WA	A701	PARTITION TYPES AND TYP. CASEWORK DETAILS
WA	A901	DOOR SCHEDULE AND ELEVATIONS
WA	A902	DOOR DETAILS
WA	A911	STOREFRONT ELEVATIONS
ARC	HITECTURAL FINISH DE	RAWINGS
WA	AF001	FIRST FLOOR FINISH PLAN & MATERIAL SCHEDULE
STR	UCTURAL DRAWINGS	
WA	S001	GENERAL NOTES
WA	FO100	FOUNDATION PLAN
WA	S100	SECOND FLOOR FRAMING PLAN
WA	S500	COLD FORMED STEEL DETAILS I
WA	S501	COLD FORMED STEEL DETAILS II
MEC	HANICAL DRAWINGS	
WA	M001	COVER SHEET
WA	M101	FIRST FLOOR VESTIBULE PARTIAL PLANS
WA	M201	SCHEDULES
WA	M301	DETAILS
ELE	CTRICAL DRAWINGS	
WA	E001	COVER SHEET
WA	E002	ELECTRICAL GENERAL NOTES
WA	E101	FIRST FLOOR VESTIBULE ELECTRICAL PARTIAL PLAN
WA	E201	SITE LIGHTING PLAN
WA	E301	SECURITY EQUIPMENT POWER PLANS
WA	E601	ELECTRICAL PANEL SCHEDULES
PLU	MBING DRAWINGS	
WA	P001	COVER SHEET
WA	P101	FIRST FLOOR VESTIBULE PARTIAL PLANS
WA	P201	DETAILS

LEGEND AND ABBREVIATIONS FIRST AND SECOND FLOOR DEMO PLANS BASEMENT AND FIRST FLOOR SECOND FLOOR PLAN ENLARGED PLAN RISER DIAGRAMS DETAILS

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

SECURITY DRAWINGS

WA TY001

WA TYD101

WA TY101

WA TY102

WA TY201

WA TY301 WA TY401

TABLE 506.2	ALLOWABLE AREA FACTOR IN SF	OCCUPANCY E TYPE II B CON	E (EDUCATION
BC 506.2.3	SINGLE-OCCUPANCY	THE ALLOWAE ONE STORY A WITH EQUATIO	BOVE GRAD
			= [At + (NS = [14,500 st = 50,750 SF
BC 506.3	FRONTAGE INCREASE	EVERY BUILDI RECEIVE AN A	
BC 506.3.2	MINIMUM PERCENTAGE	TO QUALIFY FO BUILDING SHA PERIMETER O	LL HAVE OF
BC 506.3.2	MINIMUM FRONTAGE	TO QUALIFY FO OR OPEN SPA MEASURED AT FOLLOWING: 1. THE CLOSES 3. THE EXTERI [] WHERE TH THE PERIMETE ACCORDANCE AVERAGE CAL	CE DISTANO RIGHT ANO OR FACE O E VALUE OI ER OF THE I WITH EQU
		EQ. 5-4	W = (L1 x v W = 30
BC 506.3.3	AMOUNT OF INCREASE	THE AREA FAC IN ACCORDAN	
		EQ. 5-5	lf = [F / P - lf = [1,442 lf = 0.75
EXIST. GROUND FI	LOOR	1ST GR. WING	
EXIST. FIRST FLOC	DR	KINDER. WING 1ST GR. WING KINDER WING	10,187 SF
MAXIMUM ALLOWA	ABLE AREA IN ACCORDANCE TO BC	\$ 506.2.3	Aa = 25,37
BC 1704.2	SPECIAL INSPECTIONS AND TESTS	EXCEPTION NO SPECIAL INSPI MINOR NATUR EXCEPTION NO	ECTIONS AN E [] D. 3

01/03/2023

(EDUCATIONAL) WITHOUT SPRINKLERS 14,500 TRUCTION

E AREA OF A SINGLE-OCCUPANCY BUILDING WITH MORE THAN OVE GRADE PLANE SHALL BE DETERMINED IN ACCORDANCE V 5-2:

[At + (NS x Lf)] Sa [14,500 sf + (14,500 sf x 0.75)] x 2 = 50,750 SF (PER BUILDING) ; 25,375 SF (MAX. AREA PER FLOOR) G SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO REA FACTOR INCREASE BASED ON FRONTAGE.

R AN AREA FACTOR INCREASE BASED ON FRONTAGE, A L HAVE OF PERIMETER NOT LESS THAN 25 PERCENT OF ITS N A PUBLIC WAY OR OPEN SPACE.

R AN AREA INCREASE BASED ON FRONTAGE, THE PUBLIC WAY E DISTANCE [...] SHALL HAVE A MINIMUM DISTANCE OF 20 FEET RIGHT ANGLES FROM THE BUILDING FACE TO ANY OF THE

INTERIOR LOT LINE OR FACE OF AN ADJACENT BUILDING ON THE SAME PROPERTY. E VALUE OF W (WIDTH WEIGHTED AVERAGE) VARIES ALONG R OF THE BUILDING, THE CALCULATION PRÉFORMED IN WITH EQUATION 5-5 SHALL BE BASED ON THE WEIGHTED CULATED IN ACCORDANCE TO EQUATION 5-4:

 $W = (L1 \times w1 + L2 \times w2 + LN \times wn) / F$ W = 30

OR INCREASE BASED ON FRONTAGE SHALL BE DETERMINED E WITH EQUATION 5-5: lf = [F / P - 0.25] W / 30

f = [1,442 / 1,442 - 0.25] 30 /30 lf = 0.75 15,000 SF 14828 SF 10,187 SF

Aa = 25,375 SF PER FLOOR

TIONS AND TEST ARE NOT REQUIRED FOR CONSTRUCTION OF

SPECIAL INSPECTIONS AND TESTS ARE NOT REQUIRED FOR PORTIONS OF STRUCTURES DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE COLD FORMED STEEL LIGHT FRAME CONSTRUCTION [...]

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY 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 STAMFORD, CT 06905

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

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

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

SEAL	
BID SET	01/03/2023
ISSUE	DATE
KEY PLAN	
SED PROJECT NO. MEMASI PROJECT NO.	66-03-01-03-0-002-011
GENERA	
INFORMA	
WA G0	01

LIFE SAFETY LEGEND

RW RESCUE WINDOW

EGRESS PATH END/START

ONE-HOUR RATED PARTITION

• • • TWO-HOUR RATED PARTITION

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

BC 1004.1	DESIGN OCCUPANT LOAD	IN DETERMINING MEANS OF EGRESS, THE NUMBER OF OCCUPANTS FOR WHOM MEANS OF EGRESS FACILITIES ARE PROVIDED SHALL BE DETERMINED IN ACCORDANCE WITH THIS SECTION.
TABLE1004.5	MAX. FLOOR AREA PER OCC.	ACCESSORY STORAGE AREAS, MECHANICAL EQUIP. RM 300 SF. GROSS/ OCC ASSEMBLY WITHOUT FIXED SEATS UNCONCENTRATED 15 SF. NET / OCC. WITH FIXED SEATS (1004.4) INSTALLED SEATS (THE TOTAL NUMBER OF INSTALLED SEATS AT ANNE HUTCHINSON ES IS 521)
		BUSINESS AREAS150 SF. GROSS/ OCCCONCENTRATED BUSINESS AREAS> 50 SF/OCC
		EDUCATIONALCLASSROOM AREA SHOPS AND OTHER VOCATIONAL20 SF. NET / OCC. 50 SF. NET / OCC.EXERCISE ROOMS LIBRARYREADING ROOMS STACK AREA50 SF. NET / OCC. 50 SF. NET / OCC.STAGES AND PLATFORMS15 SF. NET / OCC.
BC 1004.7	OUTDOOR AREAS	YARD, PATIOS, OCCUPIED ROOFS, COURTS AND SIMILAR OUTDOOR AREAS ACCESSIBLE TO AND USABLE BY THE BUILDING OCCUPANTS SHALL BE PROVIDED ,MEANS OF EGRESS AS REQUIRED BY THIS CHAPTER. THE OCCUPANT LOAD SHALL BE ASSIGNED BY THE BUILDING OFFICIAL.
BC 1005.3.1	STAIRWAYS	THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAY BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCH PER OCCUPANT.
BC 1005.3.2	OTHER EGRESS COMPONENTS	THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH PER OCCUPANT.
TABLE 1006.2.1	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE	OCCUPANCY E (EDUCATIONAL) WITHOUT SPRINKLER SYSTEM 75 FEET
TABLE 1006.3.1	MIN.NUMBER OF EXITS OR ACCESS TO EXITS PER STORY	OCCUPANT LOAD PER STORY MIN. NUMBER OF EXITS OR ACCESS TO EXITS 1-500 2 501-1,000 3 > 1,000 4
BC 1007.1.1	TWO EXITS OR EXIT	WHERE TWO EXITS, EXIT ACCESS DOORWAYS, EXIT ACCESS STAIRWAYS OR RAMPS [] THE ACCESS DOORWAYS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERAL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED IN A STRAIGHT LINE BETWEEN THEM.
BC 1007.1.2	THREE OR MORE EXITS OR	WHERE ACCESS TO THREE OR MORE EXITS IS REQUIRED [] ADDITIONAL REQUIRED EXIT OR EXIT ACCESS DOORWAYS ACCESS DOORWAYS SHALL BE ARRANGED A REASONABLE DISTANCE A SHALL BE ARRANGED A REASONABLE DISTANCE APART SO THAT ONE BECOMES BLOCKED THE OTHERS WILL BE AVAILABLE.
BC 1008.1	MEANS OF EGRESS	ILLUMINATION SHALL BE PROVIDED IN THE MEANS OF EGRESS IN ACCORDANCE TO SECTION ILLUMINATION 1008.2 UNDER EMERGENCY POWER, MEANS OF EGRESS ILLUMINATION SHALL COMPLY WITH SECTION 1008.3.
BC 1009.1	ACCESSIBLE MEANS OF	[] WHERE MORE THAN ONE MEANS OF EGRESS ARE REQUIRED [] EACH ACCESSIBLE EGRESS REQUIRED PORTION OF THE SPACE SHALL BE SERVED BY NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS. EXCEPTION: 1. ACCESSIBLE MEANS OF EGRESS ARE NOT REQUIRED TO PROVIDED IN EXISTING BUILDINGS.
TABLE 1017.2	EXIT ACCESS TRAVEL DISTANCE	OCCUPANCY E (EDUCATIONAL) WITHOUT SPRINKLER SYSTEM 200 FEE
ABLE 1020.1	CORRIDOR FIRE-RESISTANCE RATING	OCCUPANCY E (EDUCATIONAL) WITHOUT SPRINKLER SYSTEM 1 (HOUR)
3C 1020.4	DEAD ENDS	WHERE MORE THAN ONE EXIT OR EXIT ACCESS DOORWAY IS REQUIRED, THE EXIT ACCESS SHALL BE ARRANGED SUCH THAT THERE ARE NO DEAD ENDS IN CORRIDORS WITH MORE THAN 20 FEET IN LENGTH.
BC 1028.1	EXIT DISCHARGE	EXITS SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING. THE EXI DISCHARGE SHALL BE AT GRADE OR SHALL PROVIDE A DIRECT PATH OF EGRESS TRAVEL TO GRADE. THE EXIT DISCHARGE SHALL NOT REENTER THE BUILDING.

TOTAL OCCUPANT LOAD AND EXIT CAPACITY

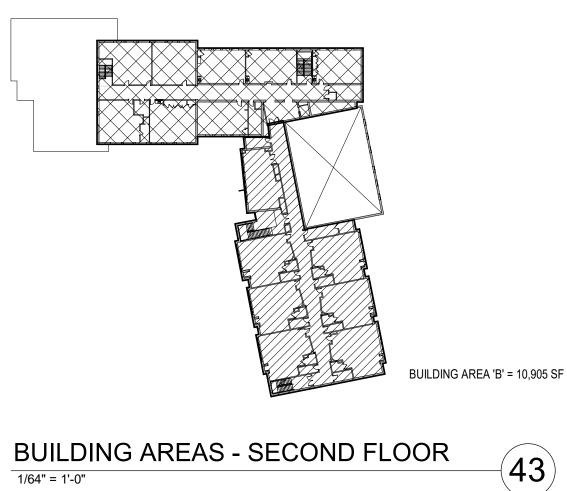
GROUND FLOOR

TOTAL OCCUPANT LOAD OF THE GROUND FLOOR AS PER 2020 NYS BC 3,845 TOTAL EXIT CAPACITY: 7,560 DOORS EXITING FROM CORRIDORS, INCLUDING AUDITORIUM AND GYM.

TOTAL EXIT CAPACITY FROM GROUND FLOOR 7560 > 3,845 OCCS. COMPLIES WITH 2020 NYS BC.

SEE HS LS101 FOR EXIT CAPACITY AND COMPLIANCE FROM ASSEMBLY SPACES. THE EXIT DOORS FROM ASSEMBLY SPACES WERE NOT COUNTED FOR THE SCHOOL TOTAL EXIT CAPACITY ABOVE.

NOTES: 1. EXITS FROM CLASSROOMS WERE NOT COMPUTE FOR THE OVERALL EXIT CAPACITY FROM ANY STORY BECAUSE 'EGRESS FROM A ROOM OR SPACE SHALL NOT PASS THROUGH ADJOINING OR INTERVENING ROOMS OR AREAS' WITH THE EXCEPTION OF DOORS 208 AND 209, BECAUSE 'SUCH ADJOINING ROOMS OR AREAS AND THE AREA SERVED ARE ACCESSORY TO ONE OR THE OTHER [...]' (NYSBC 2020; 1016.2).



1/64" = 1'-0"

BUILDING AREA 'A' = 10,288 SF

BUILDING AREA 'A' = 14,979 SF

1/64" = 1'-0"

				L H
NO.	NAME	TABLE 1004.1.2	AREA	SF.
E006	ELEVATOR	(none)	42.20 SF	
202	SPECIAL ED.	(none)	825.33 SF	
204	CLASSROOM	Educational, Classroom Area	813.74 SF	20
206	CLASSROOM	Educational, Classroom Area	689.93 SF	20
208	CLASSROOM	Educational, Classroom Area	729.59 SF	20
210	RESOURCE ROOM	Educational, Classroom Area	672.68 SF	20
201	CLASSROOM	Educational, Classroom Area	722.97 SF	20
203	OFFICE	(none)	98.65 SF	
205	CLASSROOM	Educational, Classroom Area	783.16 SF	20
207	CLASSROOM	Educational, Classroom Area	713.32 SF	20
212	GIRLS TOILET	(none)	159.40 SF	
209	BOYS TOILET	(none)	186.77 SF	
214	JAN	(none)	22.82 SF	
205	CORRIDOR	(none)	590.78 SF	
K215	ELEVATOR LOBBY	(none)	Redundant Room	
E006	ELEVATOR	(none)	42.20 SF	
K211	OFFICE	Business Areas	108.71 SF	100
K213	LIBRARY	Assembly, Unconcentraded (tables and chairs)	802.57 SF	15
K215	CLASSROOM	Educational, Classroom Area	912.46 SF	20
K219	CLASSROOM	Educational, Classroom Area	874.96 SF	20
K223	SPECIAL ED.	Educational, Classroom Area	862.63 SF	20
K225	CUSTODIAL	none) 63.93 SF		
K220	MEN'S ROOM	(none)	69.02 SF	
K221	STORAGE	Accessory storage areas, mechanical equipment room	71.47 SF	300
K217	CORRIDOR	(none)	Not Placed	
K216	OFFICE	Business Areas	164.20 SF	100
K216A	PUMP ROOM	Accessory storage areas, mechanical equipment room	70.83 SF	300
K218	CLASSROOM	Educational, Classroom Area	884.26 SF	20
K217	WOMEN'S ROOM	(none)	71.58 SF	
K222	CLASSROOM	Educational, Classroom Area	855.87 SF	20
K224	STORAGE	Accessory storage areas, mechanical equipment room	55.79 SF	300
K226	CLASSROOM	Educational, Classroom Area	911.21 SF	20
K228	STORAGE	Accessory storage areas, mechanical equipment room	74.93 SF	300

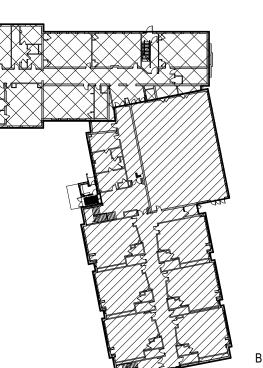
LIFE SAFETY OCCUPANT LOAD SCHEDULE - SECOND FLOOR

MAX OCCU PANC

Y

35

34 37

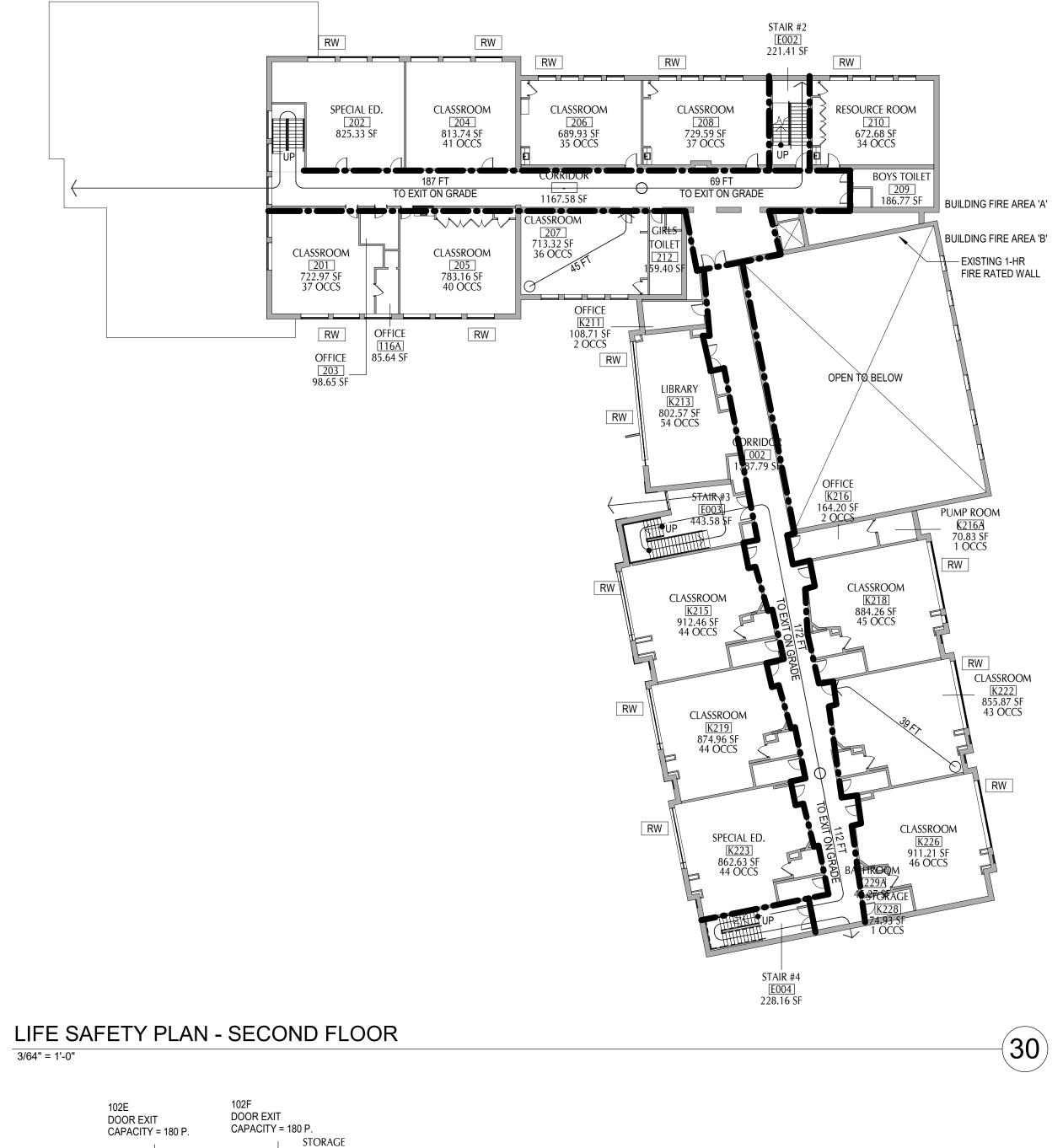


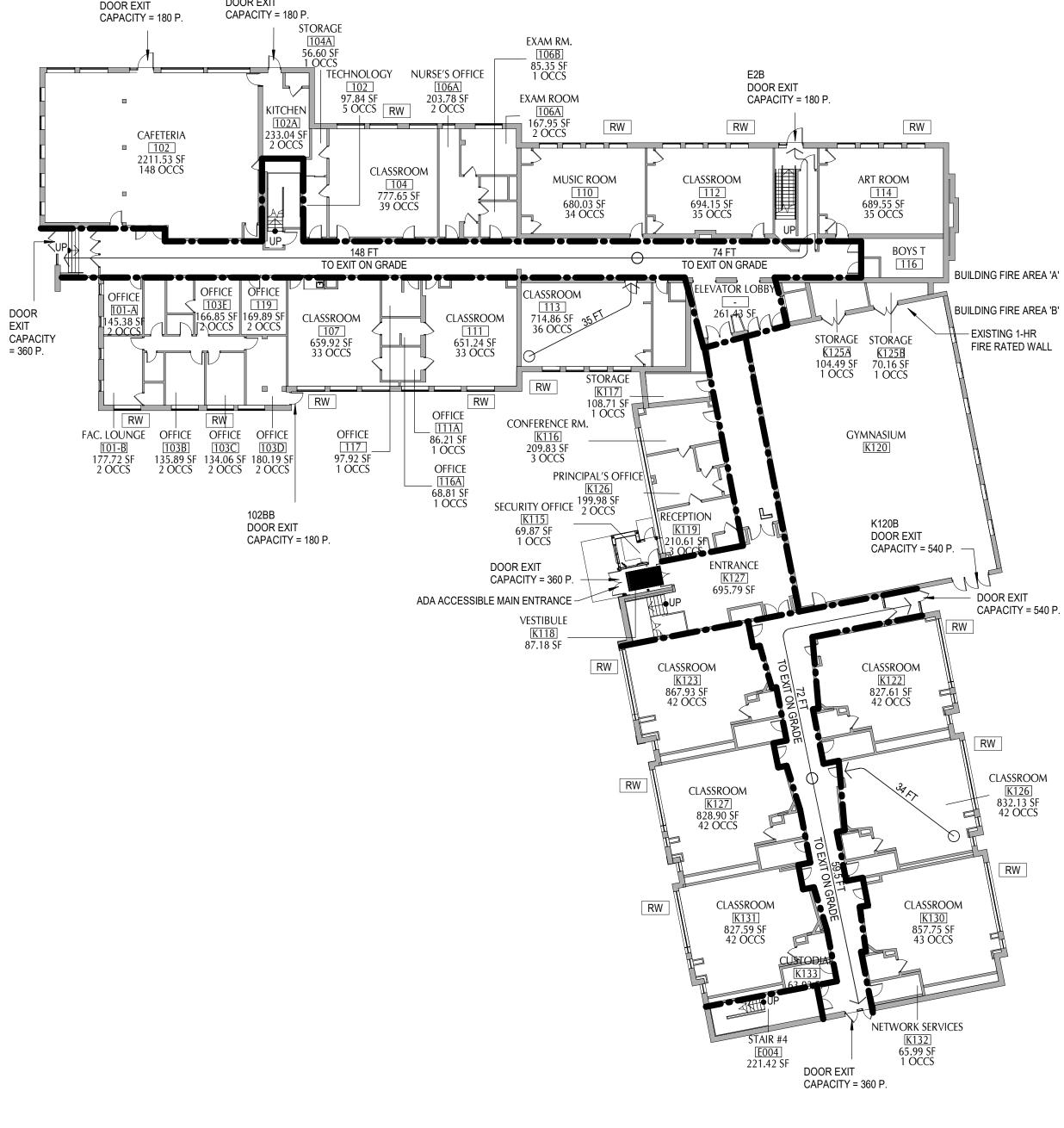
BUILDING AREA 'B' = 14,762 SF

BUILDING AREAS - FIRST FLOOR

-(33)

K127 CLASSROOM Educational, Classroom Area 827.61 SF 20 42 K122 CLASSROOM Educational, Classroom Area 827.61 SF 20 42 K120 CLASSROOM Educational, Classroom Area 832.13 SF 20 42 K120 CLASSROOM Educational, Classroom Area 832.13 SF 20 42 K130 CLASSROOM Educational, Classroom Area 832.13 SF 20 43 K110 CLASSROOM Educational, Classroom Area 837.13 SF 20 43 K121 CRCRPTICIPAL'S Dusiness Areas 199.85 SF 100 3 K124 MENTROOM (none) 44.33 SF 10 3 K124 MENTROOM (none) 44.04 SF 1 K124 MENTROOM (none) 44.04 SF 1 K133 DATHROOM (none) 44.04 SF 1 K134 DATHROOM (none) 45.27 SF 300 1 K134 DATHROOM (n	NO.	NAME	TABLE 1004.1.2	AREA	SF. PER PERSON	MAX OCCU PANC Y
K123 CLASSROOM Educational, Classroom Area 827.61 SF 20. 42 K125 CLASSROOM Educational, Classroom Area 832.13 SF 20. 42 K130 CLASSROOM Educational, Classroom Area 837.75 SF 20. 43 K116 CONFERENCE RM, Business Areas 209.83 SF 100. 3 K116 CONFERENCE RM, Business Areas 210.61 SF 30. 1 K120 PRINCIPAL'S Business Areas 210.61 SF 100. 3 K121 NETRANCE (none) 605.79 SF 100. 3 K121 NETRANCE (none) 60.02 SF 1 1 K124 MENS ROOM (none) 40.29 SF 1 1 K124 MENS ROOM (none) 41.02 SF 1 1 K124 MENS ROOM (none) 41.04 SF 1 1 K124 MENS ROOM (none) 42.7 SF 20.0 1 K124 MENS ROOM (none) <td>K131</td> <td>CLASSROOM</td> <td>Educational, Classroom Area</td> <td>827.59 SF</td> <td>20</td> <td>42</td>	K131	CLASSROOM	Educational, Classroom Area	827.59 SF	20	42
K122 CLASSROOM Educational, Classroom Area 827,615F 20 42 K130 CLASSROOM Educational, Classroom Area 837,75 SF 20 42 K110 CLASSROOM Educational, Classroom Area 857,75 SF 20 43 K111 CONFERENCE RM Business Areas 208,83 SF 100 3 K122 PRINCIPAL'S Business Areas 210,61 SF 100 3 K123 CUNFERENCE RM Business Areas 210,61 SF 100 3 K124 BATHROOM (none) 44,33 SF 100 3 K124 BATHROOM (none) 44,29 SF 2 10 K130 BATHROOM (none) 44,04 SF 2 10 K133 CUSTODIAL (none) 44,04 SF 2 10 K133 CUSTODIAL (none) 45,27 SF 300 1 K134 BATHROOM (none) 45,27 SF 300 1 K134 BATHROOM </td <td>K127</td> <td>CLASSROOM</td> <td>Educational, Classroom Area</td> <td>828.90 SF</td> <td>20</td> <td>42</td>	K127	CLASSROOM	Educational, Classroom Area	828.90 SF	20	42
K126 CLASSROOM Educational, Classroom Area 83.213.8F 20. 42 K110 CLASSROOM Educational, Classroom Area 857.75 SF 20 43 K117 STORAGE Accessory storage areas, mechanical equipment 108.71 SF 300 1 K118 CONFERENCE RM, Business Areas 208.83 SF 100 3 K119 RECEPTION Business Areas 210.81 SF 100 3 K126 INTRANCE (none) 643.33 SF 1 1 K127 ENTRANCE (none) 44.33 SF 1 1 K124 MENS ROOM (none) 44.03 SF 1 1 1 K124 MENS ROOM (none) 44.04 SF 1	K123	CLASSROOM	Educational, Classroom Area	867.93 SF	20	42
K130 CLASSROOM Educational, Classroom Area 857.75.5F 20. 43. K117 STORAGE Accessory storage areas, mechanical equipment 108.71.5F 300 1 K110 CONFERENCE RM, Business Areas 200.83.5F 100 2 K111 RCECPTION Business Areas 210.61.5F 100 3 K127 ENTRANCE [none] 695.79.5F 100 3 K128 ENTRANCE [none] 44.33.5F 100 3 K124 MENTROOM [none] 41.20.5F 100 1 K130 BATHROOM [none] 41.20.5F 1 1 K133 CUSTODIAL [none] 42.04.3F 1 1 K133 BATHROOM [none] 42.04.3F 1 <td>K122</td> <td></td> <td></td> <td></td> <td></td> <td></td>	K122					
K117 STORAGE Accessory storage areas, mechanical equipment 108.71 SF 300 1 K116 CONFERENCE RM, Business Areas 209.83 SF 100 3 K126 PRINCIPAL'S Business Areas 210.61 SF 100 3 K127 ENTRANCE [none] 696.79 SF 1 1 K124 MENS ROOM [none] 640.02 SF 1 1 K124 MENS ROOM [none] 640.02 SF 1 1 K124 MENS ROOM [none] 44.04 SF 1 1 1 K138 BATHROOM [none] 63.93 SF 300 1 1 K138 BATHROOM [none] 45.27 SF 300 1 1 K138 BATHROOM [none] 45.23 SF 300 1 1 K138 BATHROOM [none] 45.33 SF 300 1 1 K138 BATHROOM [none] 45.33 SF 300 1 1						
Ioom Ioom <th< td=""><td></td><td></td><td>·</td><td>_</td><td></td><td>_</td></th<>			·	_		_
K126 PRINCIPAL'S Business Areas 199.96 SF 100 2 K110 RECEPTION Business Areas 210.61 SF 100 3 K127 ENTRANCE (none) 695.79 SF 1 K130 BATHROOM (none) 44.33 SF 1 K124 MENTROOM (none) 41.29 SF 1 K130 BATHROOM (none) 41.02 SF 1 K134 BATHROOM (none) 44.04 SF 1 K132 USTONAGE Accessory storage areas, mechanical equipment 65.99 SF 300 1 K133 CUSTONAE (none) 45.27 SF 1 1 K134 BATHROOM (none) 45.83 SF 1 1 K135 BATHROOM (none) 45.83 SF 1 1 K135 STORAGE Accessory storage areas, mechanical equipment 70.16 SF 300 1 K135 STORAGE Accessory storage areas, mechanical equipment 70.46 SF 20	K117	STORAGE		108.71 SF	300	1
OFFICE Justiness Areas 210 61 SF 100 3 K127 ENTRANCE (none) 44.33 SF 1 K130A BATHROOM (none) 44.33 SF 1 K124 MENS ROOM (none) 42.9 SF 1 K134A BATHROOM (none) 41.29 SF 1 K134A BATHROOM (none) 42.04 SF 1 K138A BATHROOM (none) 63.93 SF 1 K138A BATHROOM (none) 45.9 SF 300 1 K138A BATHROOM (none) 45.9 SF 300 1 K138A BATHROOM (none) 45.9 SF 300 1 K138A BATHROOM (none) 45.83 SF 1 1 K128 STORAGE Accessory storage areas, mechanical equipment 55.79 SF 300 1 K124 MOMENS ROOM (none) 45.83 SF 1 1 K125 STORAGE Accessory storage areas, mechanic	K116		Business Areas			
K127 ENTRANCE (none) 643 SF (none) K130A BATHROOM (none) 44.33 SF (none) K124 MENS ROOM (none) 41.29 SF (none) K134A BATHROOM (none) 41.29 SF (none) K138 BATHROOM (none) 44.04 SF (none) K138 BATHROOM (none) 44.04 SF (none) K138 BATHROOM (none) 45.97 SF (none) K138 BATHROOM (none) 45.27 SF (none) K138 BATHROOM (none) 45.33 SF (nome) K138 BATHROOM (none) 45.33 SF (nome) K128 MENROM (none) 45.33 SF (nome) K128 MENROM (none) 45.33 SF (nome) K125 STORAGE Accessory storage areas, mechanical equipment nom 70.16 SF 300 1 K124 MENNS ROOM (none) 231.44 SF (none) 233.04 SF<	K126		Business Areas	199.98 SF	100	2
K130A BATHROM (none) 44.33 SF 1 K124 MEN'S ROOM (none) 69.02 SF 1 K124 MATHROM (none) 41.29 SF 1 K124 BATHROM (none) 41.29 SF 1 K134 BATHROM (none) 44.04 SF 1 K135 CUSTODIAL (none) 44.04 SF 1 K134 BATHROM (none) 44.09 SF 1 K135 CUSTODIAL (none) 45.27 SF 1 K134 BATHROM (none) 45.37 SF 1 K134 BATHROM (none) 45.83 SF 1 K134 BATHROM (none) 71.58 SF 1 K134 BATHROM (none) 71.58 SF 1 1 K134 BATHROM (none) 71.58 SF 1 1 K134 BATHROM (none) 71.58 SF 1 1 K134 BATHROM (none) <	K119	RECEPTION	Business Areas	210.61 SF	100	3
K124 MENS ROM (none) 69.02 SF 1 K134A BATHROOM (none) 41.29 SF 1 K134B BATHROOM (none) 41.29 SF 300 1 K138 BATHROOM (none) 63.93 SF 1 K138 DETWORK Accessory storage areas, mechanical equipment room 65.99 SF 300 1 K130 NETWORK Accessory storage areas, mechanical equipment room 45.27 SF 1 K1336 BATHROOM (none) 45.33 SF 1 1 K1336 BATHROOM (none) 45.33 SF 1 1 K134 BATHROOM (none) 45.33 SF 1 1 K135 BATHROOM (none) 45.83 SF 1 1 K134 BATHROOM (none) 71.68 SF 300 1 K125 WOMEN'S ROOM (none) 71.68 SF 300 1 K125 STORAGE Accessory storage areas, mechanical equipment room 70.16 SF	K127	ENTRANCE	(none)	695.79 SF		
K134A BATHROOM (none) 41.29 SF None K129 STORAGE Accessory storage areas, mechanical equipment room 71.47 SF 300 1 K13a BATHROOM (none) 44.04 SF Image: Comparison of the comparison o	K130A		(none)			
K129 STORAGE Accessory storage areas, mechanical equipment room 71.47 SF 300 1 K138A BATHROOM (none) 44.04 SF . . K132 NETWORK Accessory storage areas, mechanical equipment 55.99 SF . . K132 NETWORK Accessory storage areas, mechanical equipment 55.79 SF . . K133A BATHROOM (none) 44.09 SF . . . K133A BATHROOM (none) 45.33 SF .	K124					
room room 44.045F Image: Custop is a custop is custop is a custop is custop is custop is a custop is a custop is custo	K134A					<u> </u>
K133 CUSTODIAL (none) 63.93 SF S K132 NETWORK Accessory storage areas, mechanical equipment 65.99 SF 300 1 K132 BATHROOM (none) 45.27 SF I I K133A BATHROOM (none) 44.09 SF I I K134B BATHROOM (none) 45.83 SF I I K134B BATHROOM (none) 71.58 SF I I K134B BATHROOM (none) 71.58 SF I I K125A STORAGE Accessory storage areas, mechanical equipment 70.16 SF 300 1 K125B STORAGE Accessory storage areas, mechanical equipment 70.16 SF 300 1 C2 CAFETERIA Assembly, Unconcentraded (tables and chairs) 2211.53 SF 1 148 102 CAFETERIA Assembly, Unconcentraded (tables and chairs) 233.04 SF 20 2 304 1 102 CAFASROOM Educational, Classroom Area	K129	STORAGE		71.47 SF	300	1
K132 NETWORK Accessory storage areas, mechanical equipment room 65.99 SF 300 1 K134A BATHROOM (none) 45.27 SF K134B BATHROOM (none) 44.09 SF 300 1 K134B BATHROOM (none) 45.83 SF K134B BATHROOM (none) 71.58 SF K125 MORMENS ROOM (none) 71.58 SF K125 MORMENS ROOM (none) 71.58 SF K125 MORMENS ROOM (none) 71.58 SF K125A STORAGE Accessory storage areas, mechanical equipment room 70.16 SF 300 1 102 CAFETERIA Assembly, Unconcentraded (tables and chairs) 221.53 SF 15 148 1024 KITCHEN Kitchen commercial 23.04 SF 200 1 1024 CAFETERIA Assembly, Unconcentraded (tables and chairs) 27.84 SF 20 5	K138A		(none)			
SERVICES room room 45.27 SF K13AB BATHROOM (none) 44.09 SF K13AB BATHROOM (none) 44.09 SF K13A BATHROOM (none) 45.83 SF Image: Stroke S	K133	CUSTODIAL	(none)	63.93 SF		
K139A BATHROOM (none) 45.27 SF 44.09 SF K138A BATHROOM (none) 44.09 SF 44.09 SF 1 K128 STORAGE Accessory storage areas, mechanical equipment 55.79 SF 300 1 K124 STORAGE Accessory storage areas, mechanical equipment 104.49 SF 300 1 K125 STORAGE Accessory storage areas, mechanical equipment 104.49 SF 300 1 K1258 STORAGE Accessory storage areas, mechanical equipment 70.16 SF 300 1 CAFETERIA Assembly, Unconcentraded (tables and chairs) 2211.53 SF 15 148 1024 KTCHEN Kitchen commercial 233.04 SF 200 2 1044 STORAGE Accessory storage areas, mechanical equipment 56.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 39 104 CLASSROOM Educational, Classroom Area 167.95 SF 100 2 1056 EXAM RM.	K132			65.99 SF	300	1
K128 STORAGE Accessory storage areas, mechanical equipment room 55.79 SF 300 1 K131A BATHROOM (none) 45.83 SF K125 WOMEN'S ROOM (none) 71.58 SF K125A STORAGE Accessory storage areas, mechanical equipment room 104.49 SF 300 1 K125B STORAGE Accessory storage areas, mechanical equipment room 70.16 SF 300 1 C ELEVATOR LOBBY (none) 261.43 SF 148 300 ST 2 102A KTCHEN Kitchen commercial 233.04 SF 200 2 104A STORAGE Accessory storage areas, mechanical equipment room 56.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 167.95 SF 100 2 106A EXAM RM. Business Areas 167.95 SF 100 2 35 106A EXAM RM. Business Areas <td>K139A</td> <td>BATHROOM</td> <td>(none)</td> <td>45.27 SF</td> <td></td> <td></td>	K139A	BATHROOM	(none)	45.27 SF		
room room 45.83 SF K131A BATHROOM (none) 71.58 SF K125 WOMENS ROOM (none) 71.58 SF K125A STORAGE Accessory storage areas, mechanical equipment 104.49 SF 300 1 K125B STORAGE Accessory storage areas, mechanical equipment 70.16 SF 300 1 K125B STORAGE Accessory storage areas, mechanical equipment 70.16 SF 300 1 CAFETERIA Assembly, Unconcentraded (tables and chairs) 2211.53 SF 15 148 102 CAFETERIA Accessory storage areas, mechanical equipment 56.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 167.95 SF 100 2 106A EXAM RM Business Areas 167.95 SF 100 1 108 T (none) 41.88 SF 100 1 108 T (none) <td< td=""><td>K135A</td><td>BATHROOM</td><td>(none)</td><td>44.09 SF</td><td></td><td></td></td<>	K135A	BATHROOM	(none)	44.09 SF		
K131A BATHROOM (none) 45.83 SF	K128	STORAGE		55.79 SF	300	1
K125 WOMEN'S ROOM (none) 71.58 SF 1 K125A STORAGE Accessory storage areas, mechanical equipment room 104.49 SF 300 1 K125B STORAGE Accessory storage areas, mechanical equipment room 70.16 SF 300 1 - ELEVATOR LOBBY (none) 261.43 SF 1 148 102 CAFETERIA Assembly, Unconcentraded (tables and chairs) 2211.53 SF 15 148 102 CAFETERIA Assembly, Unconcentraded (tables and chairs) 2211.73 SF 200 2 104 ASSROOM Educational, Classroom Area 97.84 SF 200 5 104 CLASSROOM Educational, Classroom Area 167.95 SF 100 2 105A EXAM ROM Business Areas 167.95 SF 100 2 106B EXAM ROM Business Areas 680.15 SF 200 35 110 MUSIC ROOM Educational, Classroom Area 680.15 SF 20 35 114 ART ROOM Educational, Classroom Are	K131A	BATHROOM		45.83 SF		
room 70.16 SF 300 1 K125B STORAGE Accessory storage areas, mechanical equipment room 70.16 SF 300 1 - ELEVATOR LOBBY (none) 261.43 SF - - 102A KTCHEN Assembly, Unconcentraded (tables and chairs) 221.13 SF 15 148 102A KTCHEN Kitchen commercial 233.04 SF 200 2 104A STORAGE Accessory storage areas, mechanical equipment room 56.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 167.95 SF 100 2 106A EXAM ROM Business Areas 85.35 SF 100 2 108 T (none) 41.88 SF 20 35 110 MUSIC ROOM Educational, Classroom Area 680.03 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35	K125					
K125B STORAGE Accessory storage areas, mechanical equipment room 70.16 SF 300 1 - ELEVATOR LOBBY (none) 261.43 SF 1 102 CAFETERIA Assembly, Unconcentraded (tables and chairs) 2211.53 SF 15 148 102A KITCHEN Kitchen commercial 233.04 SF 200 2 104A STORAGE Accessory storage areas, mechanical equipment room 56.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 77.65 SF 100 2 106A NURSE'S OFFICE Business Areas 85.35 SF 100 1 106A EXAM RM. Business Areas 85.35 SF 100 1 108 T (none) 41.88 SF 20 35 110 MUSIC ROOM Educational, Classroom Area 680.415 SF 20 35 114 ART ROOM Educational, Classroom Area 6	K125A	STORAGE		104.49 SF	300	1
102 CAFETERIA Assembly, Unconcentraded (tables and chairs) 2211.53 SF 15 148 102A KITCHEN Kitchen commercial 233.04 SF 200 2 104A STORAGE Accessory storage areas, mechanical equipment room 66.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 97.84 SF 20 5 106A RXM ROOM Business Areas 167.95 SF 100 2 106B EXAM ROM Business Areas 85.35 SF 100 1 108 T (none) 41.88 SF 100 1 110 MUSIC ROOM Educational, Classroom Area 699.45 SF 20 35 114 ART ROOM Educational, Classroom Area 699.55 SF 20 35 116 BOYS T (none) 37.05 SF	K125B	STORAGE	Accessory storage areas, mechanical equipment	70.16 SF	300	1
102A KITCHEN Kitchen commercial 233.04 SF 200 2 104A STORAGE Accessory storage areas, mechanical equipment room 56.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 97.84 SF 20 39 106A RXM ROOM Business Areas 203.78 SF 100 2 106B EXAM ROM Business Areas 167.95 SF 100 1 108 T (none) 41.88 SF 100 1 108 T (none) 41.88 SF 20 35 110 MUSIC ROOM Educational, Classroom Area 689.55 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 118 JAN (none) 186.77 SF 20 15 101-B FAC. LOUNGE Business Areas 137.05 SF 100 2	-	ELEVATOR LOBBY	(none)	261.43 SF		
104A STORAGE Accessory storage areas, mechanical equipment rom 56.60 SF 300 1 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 5 104 CLASSROOM Educational, Classroom Area 777.65 SF 20 39 106A NURSE'S OFFICE Business Areas 203.78 SF 100 2 106B EXAM ROOM Business Areas 85.35 SF 100 1 108 T (none) 41.88 SF 10 1 108 T (none) 41.88 SF 20 34 112 CLASSROOM Educational, Classroom Area 680.03 SF 20 34 112 CLASSROOM Educational, Classroom Area 689.55 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 118 JAN (none) 22.82 SF 100 2 1035 T (none) 28.75 SF 100 2				-		
room room 97.84 SF 20 102 TECHNOLOGY Educational, Classroom Area 97.84 SF 20 39 104 CLASSROOM Educational, Classroom Area 203.78 SF 100 2 106A NURSE'S OFFICE Business Areas 203.78 SF 100 2 106A EXAM ROOM Business Areas 85.35 SF 100 2 106B EXAM RM. Business Areas 85.35 SF 100 1 108 T (none) 41.88 SF - 110 MUSIC ROOM Educational, Classroom Area 694.15 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 116 BOYS T (none) 186.77 SF - - 100 2 103F T (none) 37.05 SF - - 100 2 103B OFFICE Business Areas 134.06 SF 100 2 103C						_
104 CLASSROOM Educational, Classroom Area 777.65 SF 20 39 106A NURSE'S OFFICE Business Areas 203.78 SF 100 2 106A EXAM ROOM Business Areas 167.95 SF 100 2 106B EXAM ROOM Business Areas 85.35 SF 100 1 107 Oteone) 41.88 SF 110 11 100 1 108 T (none) 41.88 SF 111 11 110 MUSIC ROOM Educational, Classroom Area 689.15 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 116 BOYS T (none) 186.77 SF 100 2 103F T (none) 28.75 SF 100 2 103F T (none) 37.05 SF 100 2 103C OFFICE Business Areas 134.06 SF 100 2 103D OFFICE Business Area	104A	STORAGE		56.60 SF	300	1
106A NURSE'S OFFICE Business Areas 203.78 SF 100 2 106A EXAM ROOM Business Areas 167.95 SF 100 1 108 T (none) 41.88 SF 1 108 T (none) 41.88 SF 1 110 MUSIC ROOM Educational, Classroom Area 680.03 SF 20 34 112 CLASSROOM Educational, Classroom Area 689.55 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 116 BOYS T (none) 186.77 SF 1 101-8 FAC. LOUNGE Business Areas 177.72 SF 100 2 103F T (none) 28.75 SF 1 1032 0FFICE Business Areas 135.89 SF 100 2 103D OFFICE Business Areas 134.06 SF 100 2 103D OFFICE Business Areas 169.89 SF 100 2 103D			Educational, Classroom Area	97.84 SF		
106A EXAM ROOM Business Areas 167.95 SF 100 2 106B EXAM RM. Business Areas 85.35 SF 100 1 108 T (none) 41.88 SF 1 110 MUSIC ROOM Educational, Classroom Area 680.03 SF 20 34 112 CLASSROOM Educational, Classroom Area 694.15 SF 20 35 114 ART ROOM Educational, Classroom Area 694.15 SF 20 35 114 ART ROOM Educational, Classroom Area 694.15 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 115 BOYS T (none) 186.77 SF 100 2 103F T (none) 37.05 SF 100 2 103F T (none) 37.05 SF 100 2 103B OFFICE Business Areas 136.95 SF 100 2 103C OFFICE Busin						
106B EXAM RM. Business Areas 85.35 SF 100 1 108 T (none) 41.88 SF 1 110 MUSIC ROOM Educational, Classroom Area 680.03 SF 20 34 112 CLASSROOM Educational, Classroom Area 689.15 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 116 BOYS T (none) 186.77 SF 1 1 118 JAN (none) 22.82 SF 1 1 101-B FAC. LOUNGE Business Areas 177.72 SF 100 2 103F T (none) 37.05 SF 1 1 100 2 103B OFFICE Business Areas 135.89 SF 100 2 103C OFFICE Business Areas 180.19 SF 100 2 103D OFFICE Business Areas 160.85 SF 100 2 103A STORAGE						
108 T (none) 41.88 SF 41.88 SF 110 MUSIC ROOM Educational, Classroom Area 680.03 SF 20 34 112 CLASSROOM Educational, Classroom Area 694.15 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 116 BOYS T (none) 186.77 SF 1 118 JAN (none) 186.77 SF 100 2 101-B FAC. LOUNGE Business Areas 177.72 SF 100 2 103F T (none) 37.05 SF 100 2 103F T (none) 28.75 SF 100 2 103C OFFICE Business Areas 136.019 SF 100 2 103D OFFICE Business Areas 186.19 SF 100 2 103D OFFICE Business Areas 166.85 SF 100 2 103E OFFICE Business Areas 166.85 SF <						
110 MUSIC ROOM Educational, Classroom Area 680.03 SF 20 34 112 CLASSROOM Educational, Classroom Area 694.15 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 118 JAN (none) 186.77 SF 100 2 101-B FAC. LOUNGE Business Areas 177.72 SF 100 2 103F T (none) 37.05 SF 100 2 103B OFFICE Business Areas 135.89 SF 100 2 103C OFFICE Business Areas 136.09 SF 100 2 103D OFFICE Business Areas 166.85 SF 100 2 103E OFFICE Business Areas 166.85 SF 100 2 103A STORAGE (none) 62.50 SF 100 2 103A ST				_	100	1
112 CLASSROOM Educational, Classroom Area 694.15 SF 20 35 114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 116 BOYS T (none) 186.77 SF 1 186.77 SF 1 118 JAN (none) 22.82 SF 1		·			20	34
114 ART ROOM Educational, Classroom Area 689.55 SF 20 35 116 BOYS T (none) 186.77 SF 1 118 JAN (none) 22.82 SF 100 2 101-B FAC. LOUNGE Business Areas 177.72 SF 100 2 103F T (none) 37.05 SF 1 1 103B OFFICE Business Areas 135.89 SF 100 2 103C OFFICE Business Areas 134.06 SF 100 2 103D OFFICE Business Areas 168.75 SF 100 2 103D OFFICE Business Areas 169.89 SF 100 2 103E OFFICE Business Areas 169.89 SF 100 2 119 OFFICE Business Areas 169.89 SF 100 2 103A STORAGE (none) 34.17 SF 1 1 107 CLASSROOM Educational, Classroom Area 651.24 SF <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
116 BOYS T (none) 186.77 SF 186.77 SF 118 JAN (none) 22.82 SF 100 2 101-B FAC. LOUNGE Business Areas 177.72 SF 100 2 103F T (none) 37.05 SF 100 2 103B OFFICE Business Areas 135.89 SF 100 2 103C OFFICE Business Areas 134.06 SF 100 2 103D OFFICE Business Areas 180.19 SF 100 2 103D OFFICE Business Areas 166.85 SF 100 2 103E OFFICE Business Areas 169.89 SF 100 2 103E OFFICE Business Areas 169.89 SF 100 2 103A STORAGE (none) 34.17 SF 100 2 103A STORAGE (none) 34.17 SF 100 1 107 CLASSROOM Educational, Classroom Area 651.24 SF						
118 JAN (none) 22.82 SF Image: constraint of the system of the sy					-	
101-B FAC. LOUNGE Business Areas 177.72 SF 100 2 103F T (none) 37.05 SF						
121A TOILET (none) 28.75 SF 100 103B OFFICE Business Areas 135.89 SF 100 2 103C OFFICE Business Areas 134.06 SF 100 2 103D OFFICE Business Areas 180.19 SF 100 2 103E OFFICE Business Areas 166.85 SF 100 2 103E OFFICE Business Areas 166.85 SF 100 2 103B OFFICE Business Areas 166.85 SF 100 2 103E OFFICE Business Areas 169.89 SF 100 2 119 OFFICE Business Areas 169.89 SF 100 2 123 ROOM (none) 62.50 SF 100 2 103A STORAGE (none) 34.17 SF 100 1 107 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 111 CLASSROOM Educational, Classroom Area 68.81 SF 100 1 116A OFFICE Business Areas<	101-B	FAC. LOUNGE		177.72 SF	100	2
103B OFFICE Business Areas 135.89 SF 100 2 103C OFFICE Business Areas 134.06 SF 100 2 103D OFFICE Business Areas 180.19 SF 100 2 103E OFFICE Business Areas 166.85 SF 100 2 103E OFFICE Business Areas 166.85 SF 100 2 119 OFFICE Business Areas 169.89 SF 100 2 123 ROOM (none) 62.50 SF 1 1 103A STORAGE (none) 34.17 SF 1 1 107 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroo		-				
103C OFFICE Business Areas 134.06 SF 100 2 103D OFFICE Business Areas 180.19 SF 100 2 103E OFFICE Business Areas 166.85 SF 100 2 119 OFFICE Business Areas 169.89 SF 100 2 123 ROOM (none) 62.50 SF 107 CLASSROOM Educational, Classroom Area 659.92 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 117A OFFICE Business Areas 68.21 SF 100 1 118A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T <td></td> <td></td> <td></td> <td></td> <td>1.55</td> <td></td>					1.55	
103D OFFICE Business Areas 180.19 SF 100 2 103E OFFICE Business Areas 166.85 SF 100 2 119 OFFICE Business Areas 169.89 SF 100 2 123 ROOM (none) 62.50 SF 100 2 103A STORAGE (none) 34.17 SF 100 100 107 CLASSROOM Educational, Classroom Area 659.92 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 1113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF 100 1 K116 GYMNASIUM						
103E OFFICE Business Areas 166.85 SF 100 2 119 OFFICE Business Areas 169.89 SF 100 2 123 ROOM (none) 62.50 SF 103A STORAGE (none) 34.17 SF 107 CLASSROOM Educational, Classroom Area 659.92 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K1120 GYMNASIUM				-		
119 OFFICE Business Areas 169.89 SF 100 2 123 ROOM (none) 62.50 SF 103A STORAGE (none) 34.17 SF 107 CLASSROOM Educational, Classroom Area 659.92 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K1120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 <						_
123 ROOM (none) 62.50 SF 1 103A STORAGE (none) 34.17 SF 1 107 CLASSROOM Educational, Classroom Area 659.92 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF 100 1 K110 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF 100 1 101-A OFFICE Business Areas						
103A STORAGE (none) 34.17 SF 107 107 CLASSROOM Educational, Classroom Area 659.92 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE					1.00	<u> </u>
107 CLASSROOM Educational, Classroom Area 659.92 SF 20 33 111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 68.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2						
111 CLASSROOM Educational, Classroom Area 651.24 SF 20 33 117 OFFICE Business Areas 97.92 SF 100 1 116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 68.21 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2					20	33
116A OFFICE Business Areas 68.81 SF 100 1 111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2						
111A OFFICE Business Areas 86.21 SF 100 1 113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2	117		Business Areas		100	-
113 CLASSROOM Educational, Classroom Area 714.86 SF 20 36 115 GIRLS T (none) 158.75 SF K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2	116A					_
115 GIRLS T (none) 158.75 SF K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2						
K120 GYMNASIUM Exercise rooms 3682.91 SF 50 74 K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2					20	36
K118 VESTIBULE (none) 87.18 SF K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2					50	74
K115 SECURITY OFFICE Business Areas 69.87 SF 100 1 101-A OFFICE Business Areas 145.38 SF 100 2					50	/4
101-A OFFICE Business Areas 145.38 SF 100 2	K120				400	4
	K120 K118		Business Areas	169 87 SF	1100	
100	K120 K118 K115	SECURITY OFFICE		_		





EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT $M \equiv M \wedge S$ 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

-(30)

SEAL 01/03/2023 BID SET ISSUE DATE KEY PLAN \bigwedge SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202 LIFE SAFETY PLAN - GROUND AND FIRST FLOOR **WA LS001** -(10) © 2022 MEMASI. ALL RIGHTS RESERVED.

GENERAL NOTES:

1. ASBESTOS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, G REGULATIONS, ORDERS AND DIRECTIVES, INCLUDING, BUT NOT LIMITED TO THE U.S. ENVIRONMENTAL PROTECTION AGENCY DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL INSTITUTE FOR OCCUPAT 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 WAASBESTOS ABATEMENT IN ACCORDANCE WITH CONTRACT DOCUMENTS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL R

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

4. THE CONTRACTOR SHALL PROVIDE SIGNS, LABELS, WARNINGS, AND POST INSTRUCTIONS THAT ARE NECESSARY TO PROT WARN PEOPLE OF THE HAZARD FROM ASBESTOS EXPOSURE. POST IN A PROMINENT AND CONVENIENT PLACE FOR THE WOR 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 T ACCOMMODATE ASBESTOS REMOVAL ACTIVITIES.

7. THE CONTRACTOR SHALL PROVIDE ALL ELECTRICAL, WATER, AND WASTE CONNECTIONS, TIE-INS, EXTENSIONS, CONSTRU 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 ALL APPLICABLE REGULATIONS AND CODES.

9. THE CONTRACTOR SHALL ESTABLISH CRITICAL BARRIERS OVER ALL OPENINGS LOCATED INSIDE THE PARTICULAR WOR INSIDE THE SCHOOL.

10. THE CONTRACTOR SHALL PROPERLY PROTECT ALL CONTROLS, TUBING, ELECTRICAL PANELS, EQUIPMENT, ETC. WITHIN 1

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 ABATEMEN CONTRACTOR SHALL CONDUCT REMOVAL OF ALL MATERIALS FROM THE SITE WITH MINIMUM DISTURBANCE; PROVIDE PROP 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 AN INCLUDING, BUT NOT LIMITED TO PIPE, DUCT, CONDUIT, CHASES, AND OPENINGS IN FIRE WALLS OR DECKS BETWEEN FLOC 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 IND 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. R SPECIFICATIONS.

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

18. THE CONTRACTOR SHALL UTILIZE GFCI PANEL CONNECTIONS AT THE SOURCE OUTLET WHEN ACCESSING TEMPORARY PO 19. THE CONTRACTOR SHALL SUPPLY ALL NECESSARY CONNECTIONS, FASTENERS, FLEXIBLE DUCTS, MANIFOLDS, SUPPORT 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 ABATEME

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

22. NO WASTE SHALL BE STORED ON SITE OR INSIDE THE DECONTAMINATION UNIT BETWEEN SHIFTS. WASTE SHALL BE DOUB PROCEEDING TO THE CONTAINER AND/OR DECON. BAGS WILL BE MOVED FROM WORK AREAS TO THE WASTE DECON AND SU THE CONTAINER IN COVERED CARTS. BAGS WILL BE CARRIED BY HAND ONLY WHEN NECESSARY. ALL WASTE SHALL BE CONT END OF EACH WORK SHIFT BEFORE RELINQUISHING TO WASTE HAULER.

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

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

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

26. ASBESTOS ABATEMENT INDICATED IN THE DRAWING #H-002.00 & #H-003.00 WILL BE DONE IN ACCORDANCE WITH 12 NYCRF AND SHALL BE PERFORMED BY A NYSDOL LICENSED ASBESTOS CONTRACTOR.

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

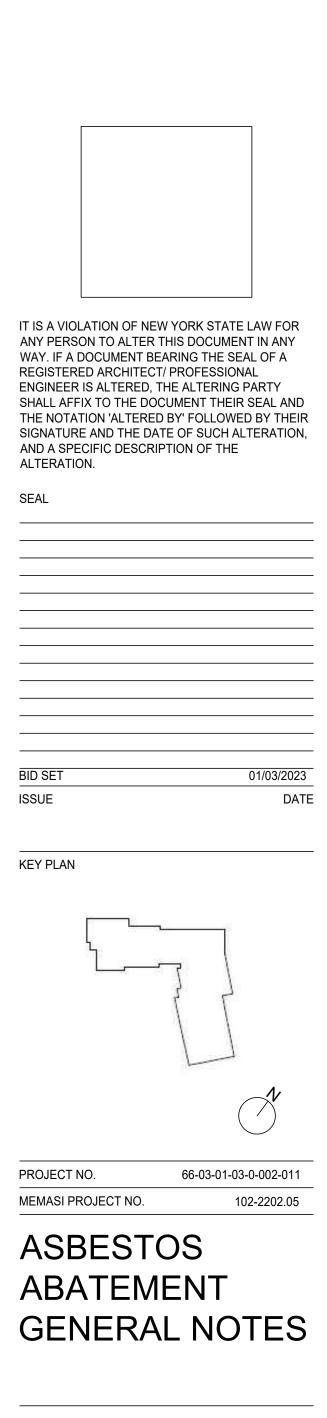
ASBESTOS ABATEMENT GENERAL NOTES

	DRAWING	
GUIDELINES,	H-001.00	ASBESTOS ABATEM
Y (EPA), AND U.S. ATIONAL SAFETY AND	H-002.00	ASBESTOS ABATEM
WORK REQUIRED FOR		
REGULATIONS. TO ENSURE MAXIMUM		
AL PUBLIC, AND THE		
OTECT, INFORM AND ORKERS A COPY OF		
THE WORK AREAS TO		
RUCTION MATERIALS,		
IN ACCORDANCE WITH		
ORK AREA AS WELL AS		
I THE WORK AREA.		
ENT OPERATIONS. THE OPER PROTECTION AND NS.		
AND ADJACENT AREAS, DORS AS REQUIRED BY		
NDICATED. IT SHALL BE		
REFER TO CONTRACT		
N UNIT. POWER.		
RTS, ETC. ANY AND ALL		
IENT ACTIVITIES.		
ED OF AS ASBESTOS		
UBLE BAGGED BEFORE SUBSEQUENTLY TO NTAINERIZED AT THE		
ABATEMENT WITH THE		
D AND/OR NECESSARY		
CE PURPOSES. EXACT		
RR PART 56		

DRAWING NAME	
IENT - GENERAL NOTES	
IENT - FIRST FLOOR PLAN	

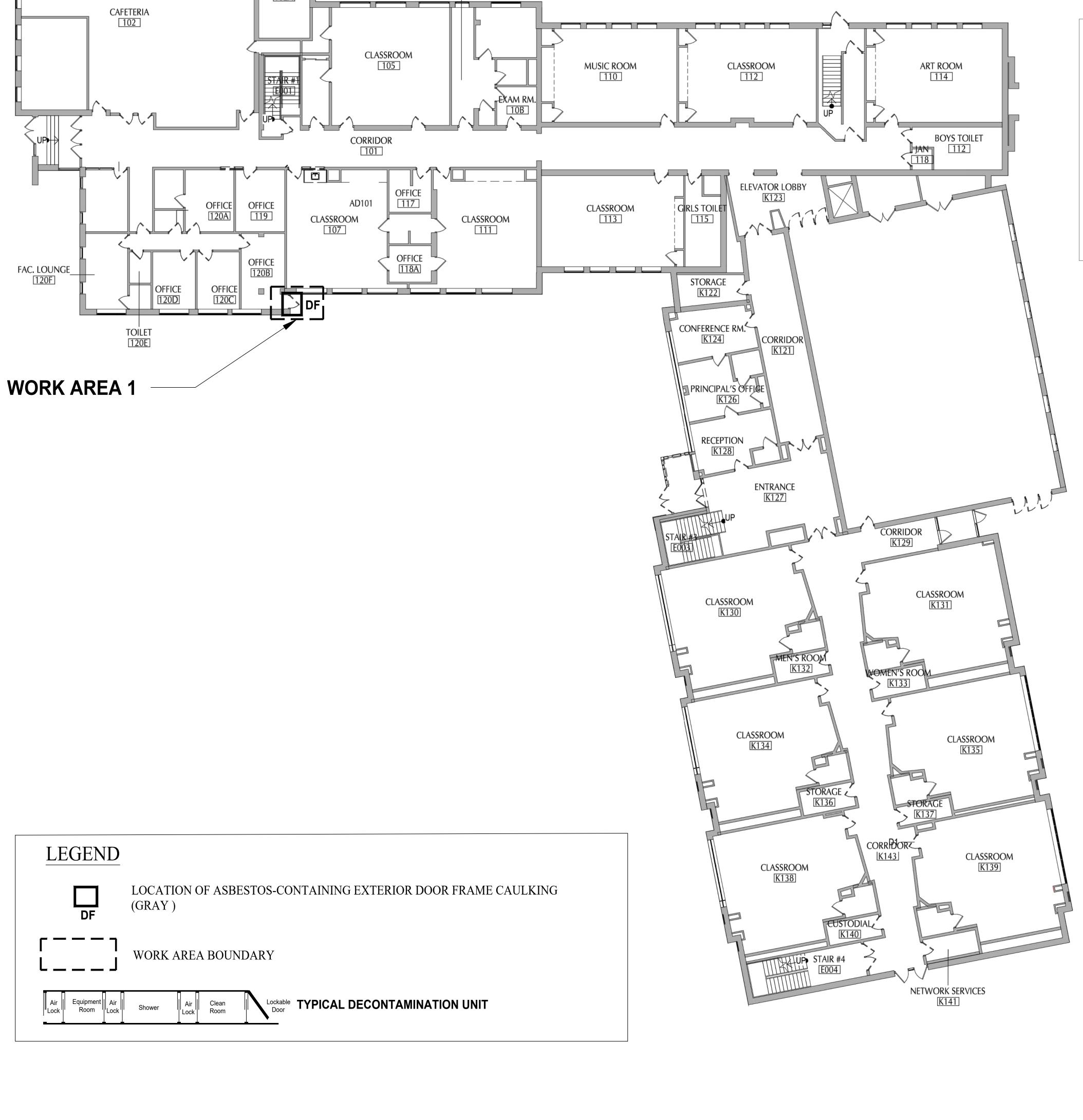


TEL. 212.612.7900

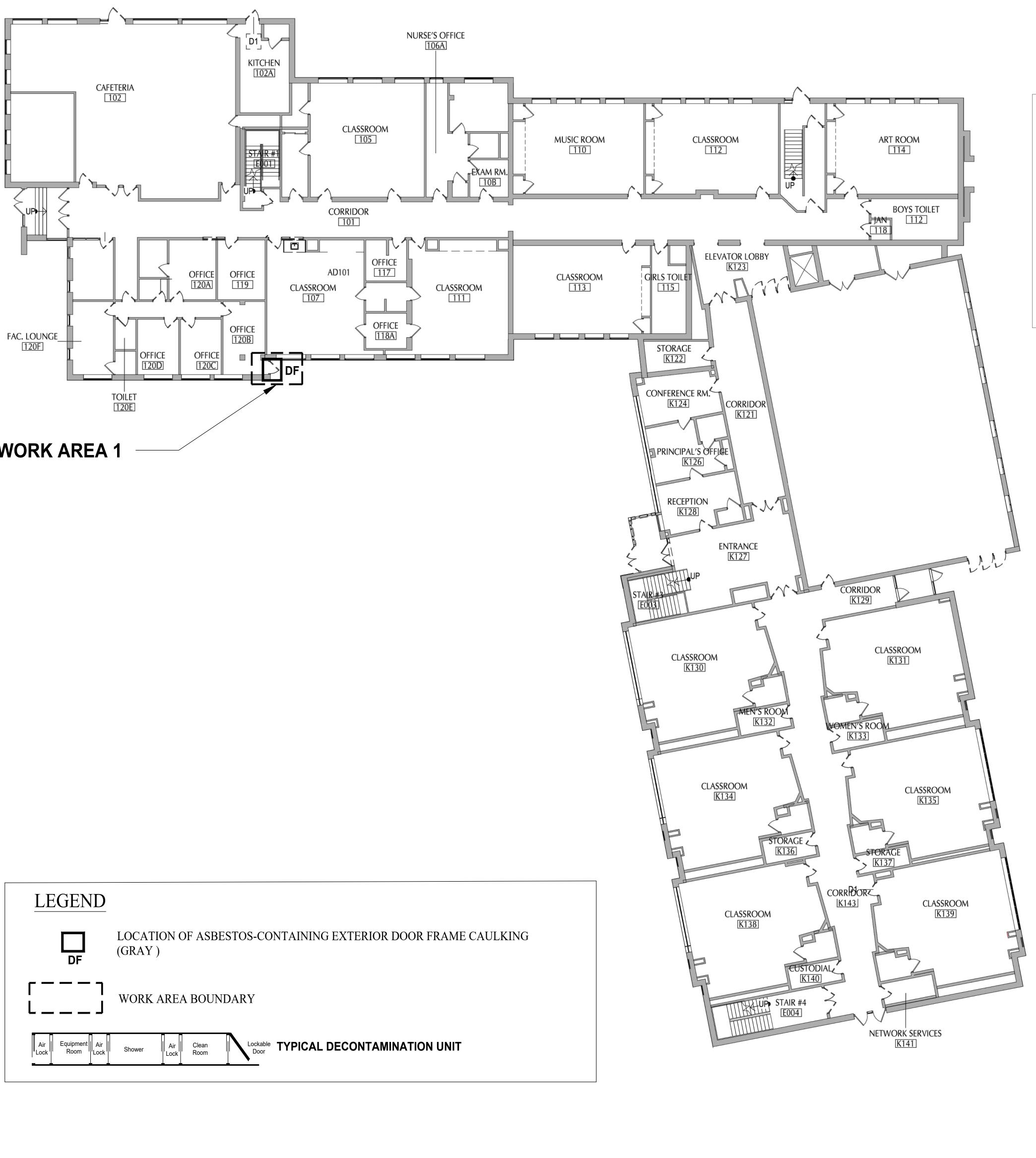


H-001.00

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



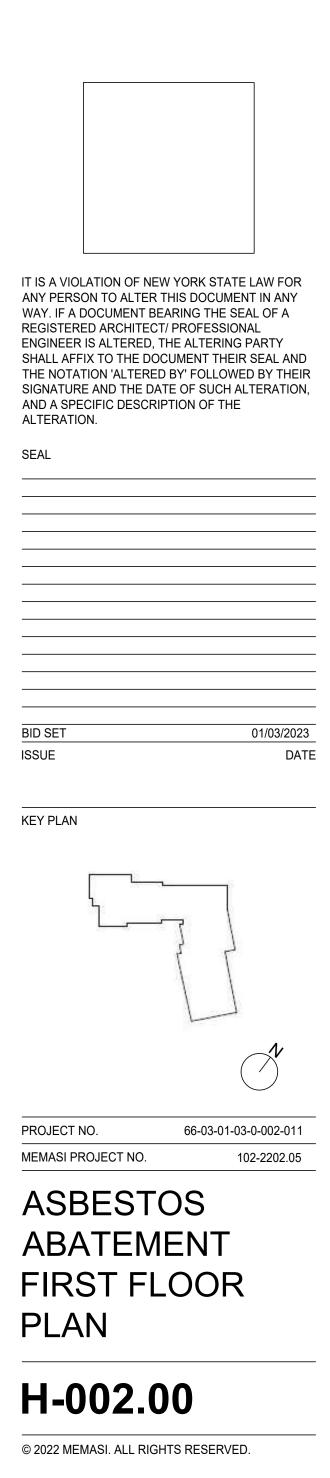




WORK AREA #	LOCATION	ASBESTOS- CONTAINING MATERIAL	APPROXIMATE QUANTITY (Square Feet – Linear Feet)	REMOVAL PROCEDURE
1	1 ^{s⊤} FLOOR, EXTERIOR OFFICE 120B	DOOR FRAME CAULKING (GRAY)	17 LF	NYS DOL 12 NYCRR PART 56 §11.6 EXTERIOR PROJECT REMOVAL OF NON-FRIABLE ACM ROOFING, SIDING, CAULKING, GLAZING, COMPOUND, TRANSITE, TARS, SEALERS, COATING, AND OTHER NOB ACMS

(1)





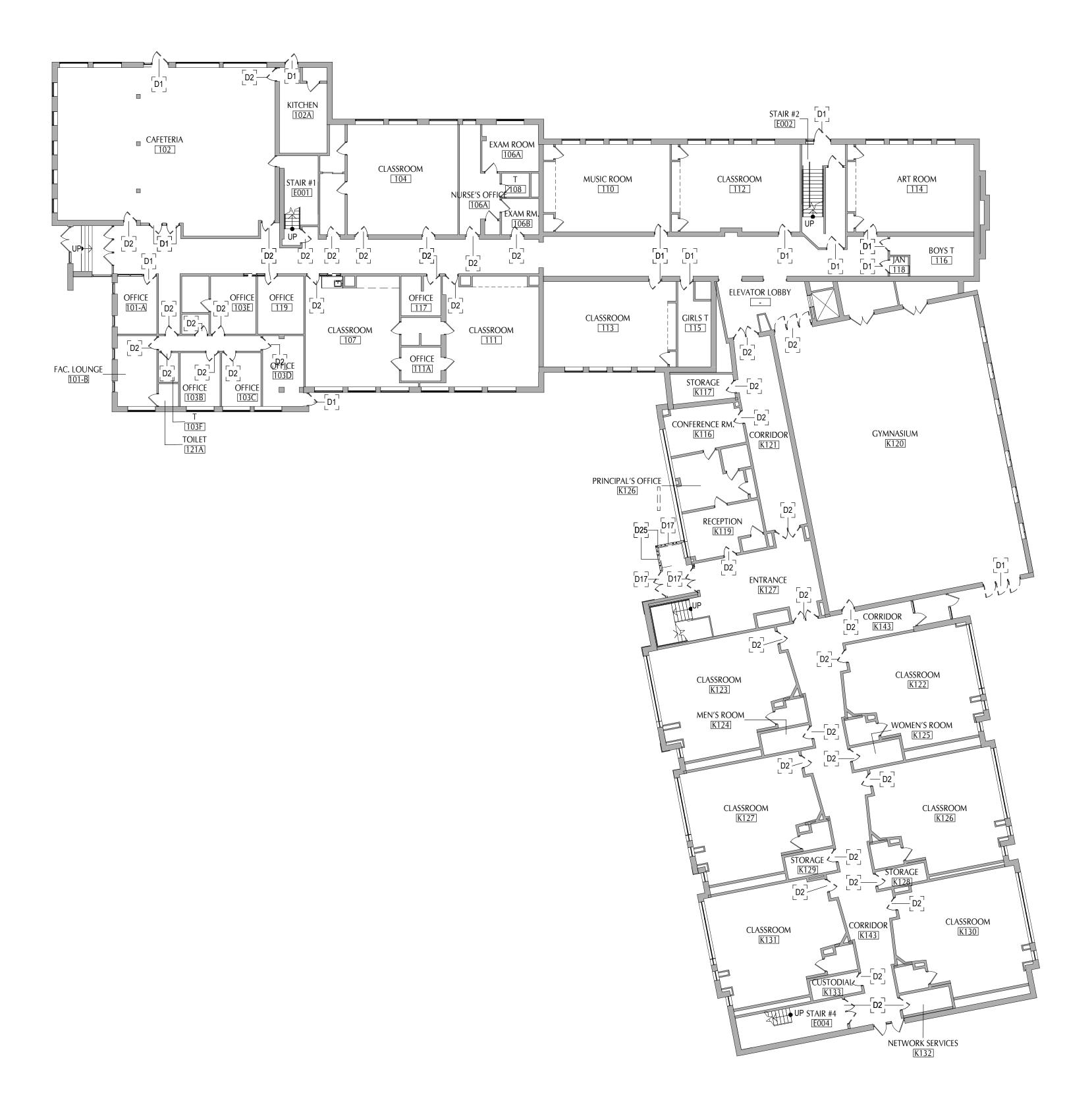
- A. COORDINATE ALL REMOVALS WITH NEW
- CONSTRUCTION
- B. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION
- C. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING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

KEY NOTES

D2

- REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY
- REMOVE DOOR AND HARDWARE, FRAME TO REMAIN
- REMOVE WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING ALL D7 SILLS, FLASHING AND FASTENERS
- REMOVE STOREFRONT SYSTEM, MULLIONS, DOORS, AND THRESHOLDS INCLUDING ALL FASTENERS AND HARDWARE D17
- D25 REMOVE BRICK WALL





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

-(13)

(10)

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

 $M \equiv M \land S \mid$ 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

BID SET ISSUE	01/03/20 DA
KEY PLAN	
SED PROJECT NO.	66-03-01-03-0-002-0 102-22
DEMOLIT PLAN - FI AND SEC FLOOR	ION RST

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. PREP ALL SURFACES AFTER REMOVING FRAMES TO RECEIVE NEW WORK. R.O. TO BE PREPPED FOR NEW FRAME. REPAIR, IN KIND, ANY ADJACENT SURFACES DAMAGED BY REMOVALS. WORK TO BE APPROVED BY ARCHITECT
- D. EXISTING METAL HOLLOW FRAMES TO REMAIN SHALL BE SANDED DOWN TO METAL WHILE PROTECTING THE UL MARKING TO REMAIN INTACT AND READABLE. FOR SMALL ROUND HOLES USE STEEL FASTENERS AND GROUND DOWN THE HEAD TO BE SMOOTH WITH THE FRAME. PROVIDE STEEL PLATES MATCHING THE HOLLOW METAL FRAME GAUGE FOR ABANDONED HARDWARE CUTOUTS OR OTHER OPENINGS. PROTECT THE UL MARKING, PRIME AND PAINT THE HOLLOW METAL FRAMES
- E. PROVIDE BLOCKING IN ALL ADJACENT WALLS AS REQUIRED TO INSTALL ALL CASEWORK F. PROVIDE WALL BASE AS SCHEDULED ON ALL
- EXPOSED TOE KICK SPACES AND EXPOSED END PANELS
- G. PROVIDE MISC. GROUTING OF FRAMES AS NECESSARY.

KEY NOTES

S

- PROVIDE NEW DOOR KEYING CORE TO MATCH NEW DISTRICT STANDARD. EXISTING DOOR, FRAME AND HARDWARE TO 3
- REMAIN 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.





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

-13

(10)

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

 $M \equiv M \land S \mid$ 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

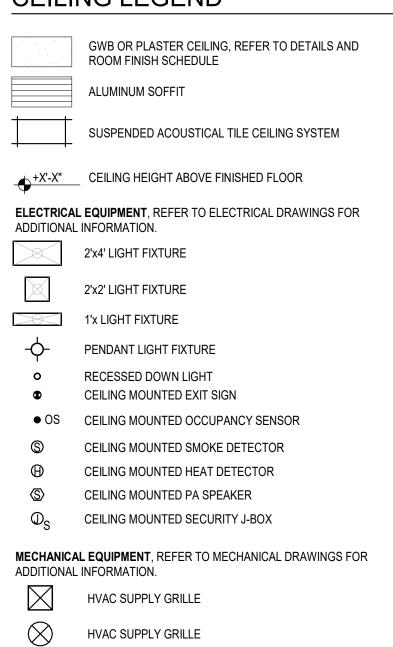
WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

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

01/03/2023
DATE
\
\nearrow
66-03-01-03-0-002-011
102-2202
PLAN -
D
D FLOOR

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

CEILING LEGEND



HVAC RETURN GRILLE

HVAC CEILING CASSETTE

LINEAR DIFFUSER

LD

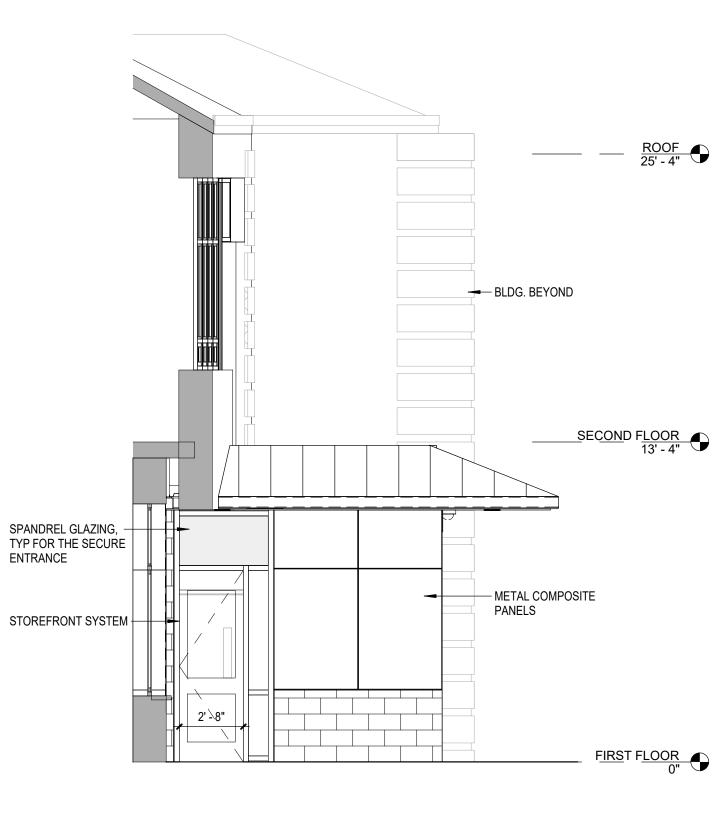
KEY NOTES

REMOVE STOREFRONT SYSTEM, MULLIONS, DOORS, AND D17 THRESHOLDS INCLUDING ALL FASTENERS AND HARDWARE REMOVE FINISHED FLOOR D30

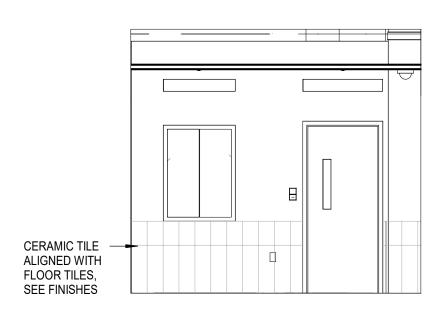


CASEWORK NOTES HEIGHT OF CASEWORK - WIDTH OF CASEWORK – AWI DESIGN NUMBER OR SHELDON LABS DESIGN NUMBER OR WENGER DESIGN NUMBER

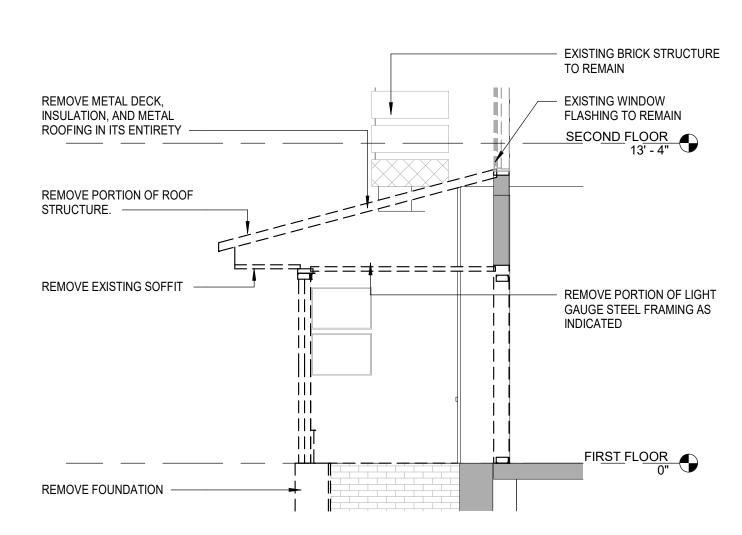
SPECIALTY EQUIPMENT SCHEDULE MAIN ENTRY PROVIDED BY COMMENTS KEY COUNT NAME SECURITY DEVICE CLOCK CARD READER SECURITY DEVICE FOR COORDINATION - ELECTRICAL CONTRACT UNDERCOUNTER DOOR RELEASE BUTTON SECURITY DEVICE INTERCOM MASTER STATION SECURITY DEVICE SECURITY DEVICE FOR COORDINATION - ELECTRICAL CONTRACT SECURITY DEVICE FOR COORDINATION - ELECTRICAL CONTRACT PANIC BUTTON SECURITY DEVICE 5" Speaker WORKSTATION SECURITY DEVICE

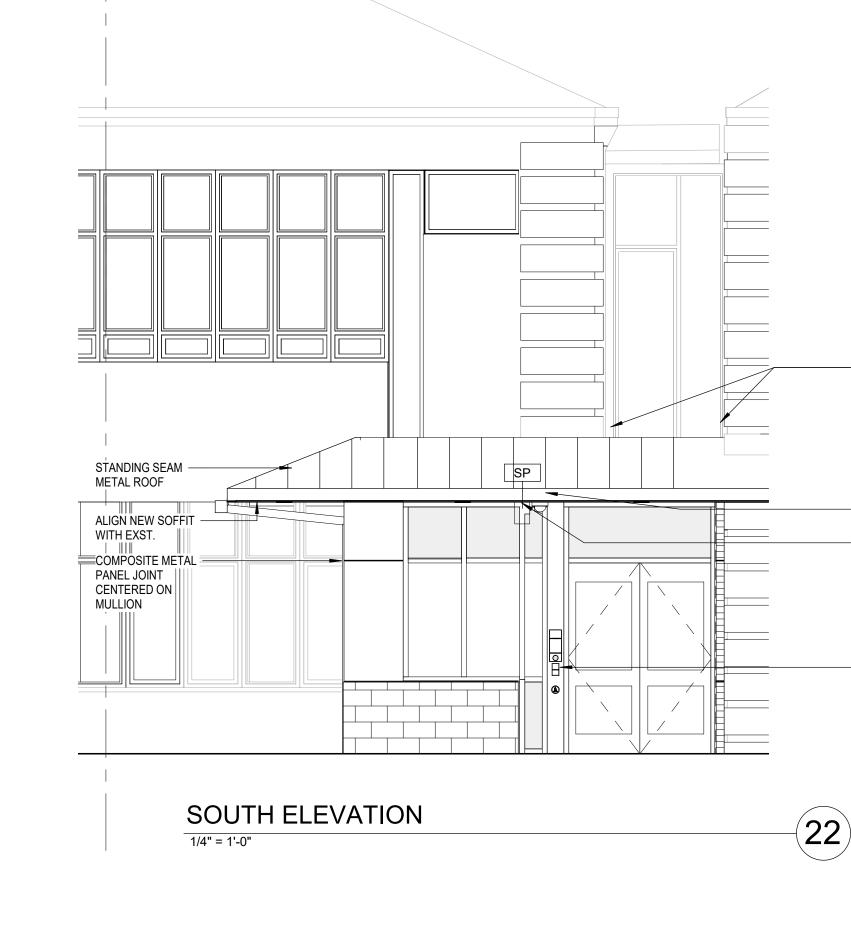


WEST ELEVATION 1/4" = 1'-0"



VESTIBULE - NORTH EL. 1/4" = 1'-0"



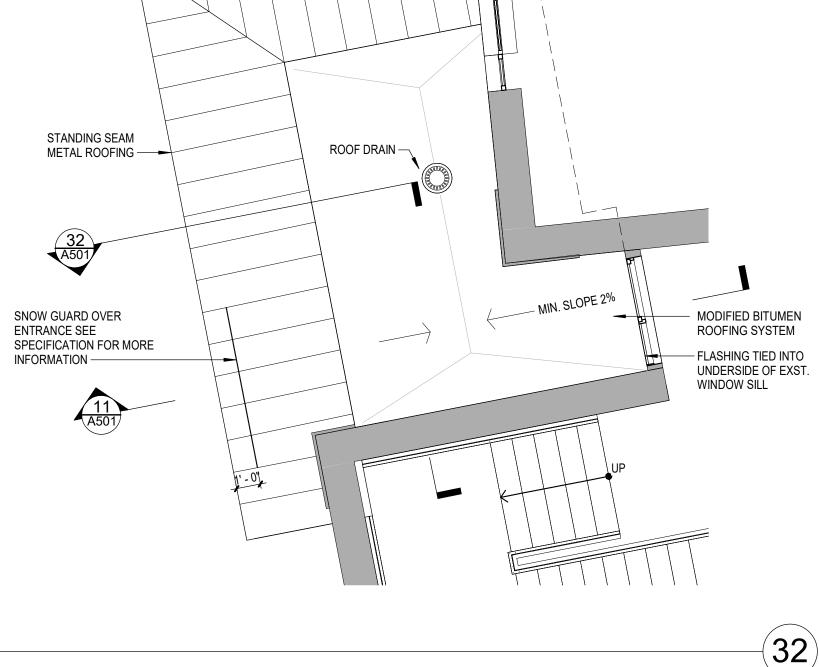




(23)

13

(2)



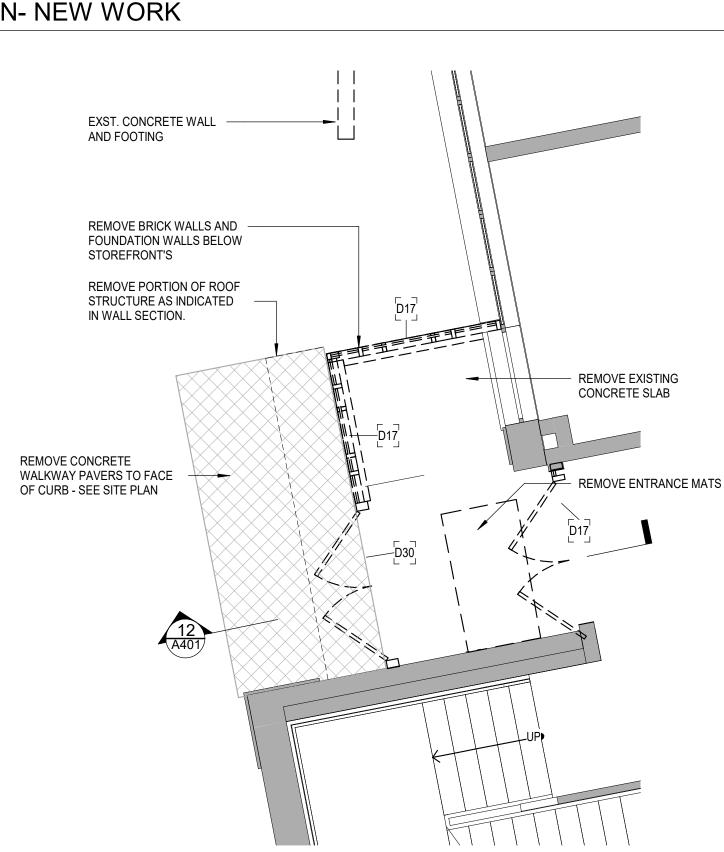
- OUTLINE OF WALLS ON

FLOOR BELOW FOR

REFERENCE

-

(13) (A501)

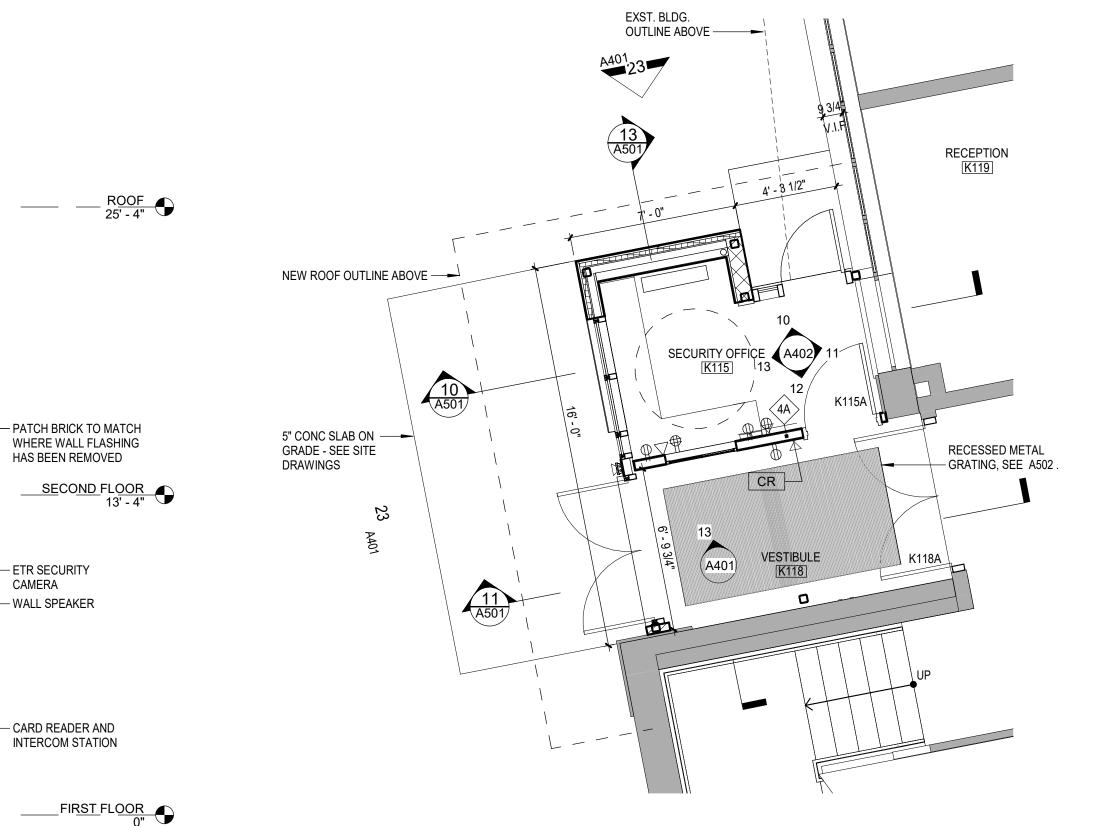


ENLARGED FLOOR PLAN- NEW WORK

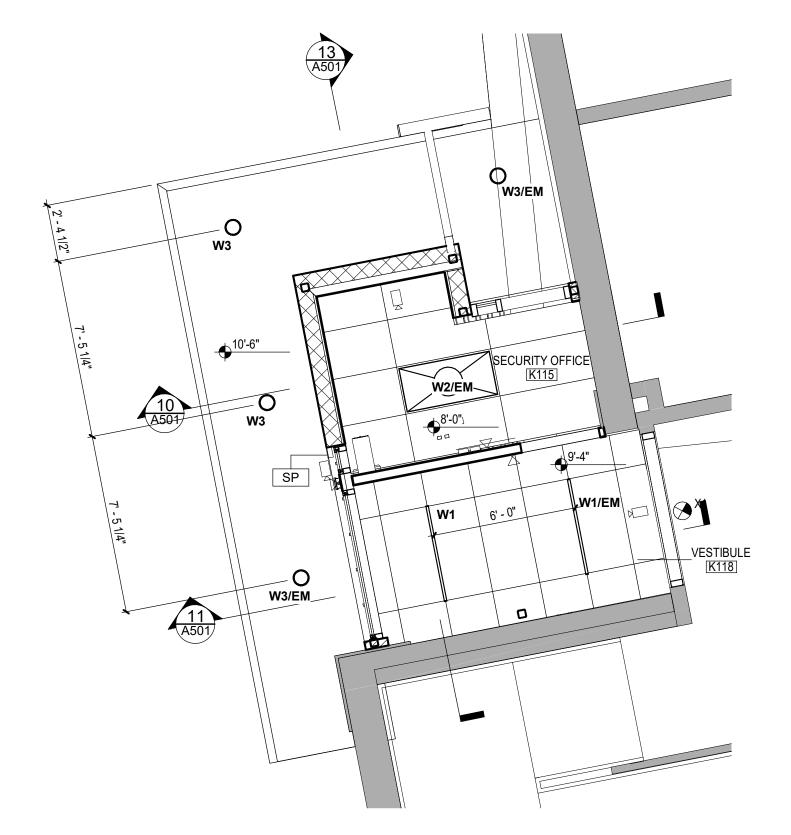
CAMERA

(12)

1/4" = 1'-0"



REFLECTED CEILING PLAN 1/4" = 1'-0"



-20

-(10)

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY 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 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

-(30)

BID SET ISSUE	01/03/20 DA
KEY PLAN	
SED PROJECT NO. MEMASI PROJECT NO.	66-03-01-03-0-002-0 102-22



CASEWORK NOTES

xx/xx+-	- WIDTH OF CAS
XXXX-	- AWI DESIGN N
	NUMBER OR V

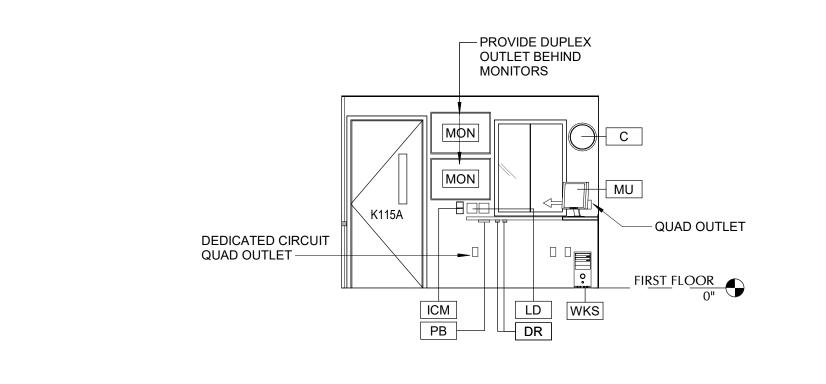
FIRST FLOOR

K115 SECURITY OFFICE - EAST EL. -13

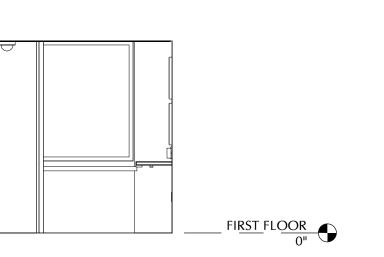
- HEIGHT OF CASEWORK

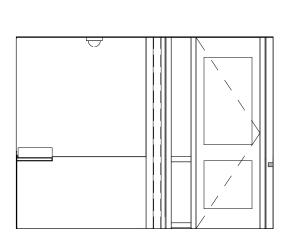
CASEWORK NUMBER OR SHELDON LABS DESIGN

R WENGER DESIGN NUMBER



K115 SECURITY OFFICE - SOUTH EL. -12





FIRST FLOOR 0"

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

-

 $M \equiv M \land S \mid$ 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

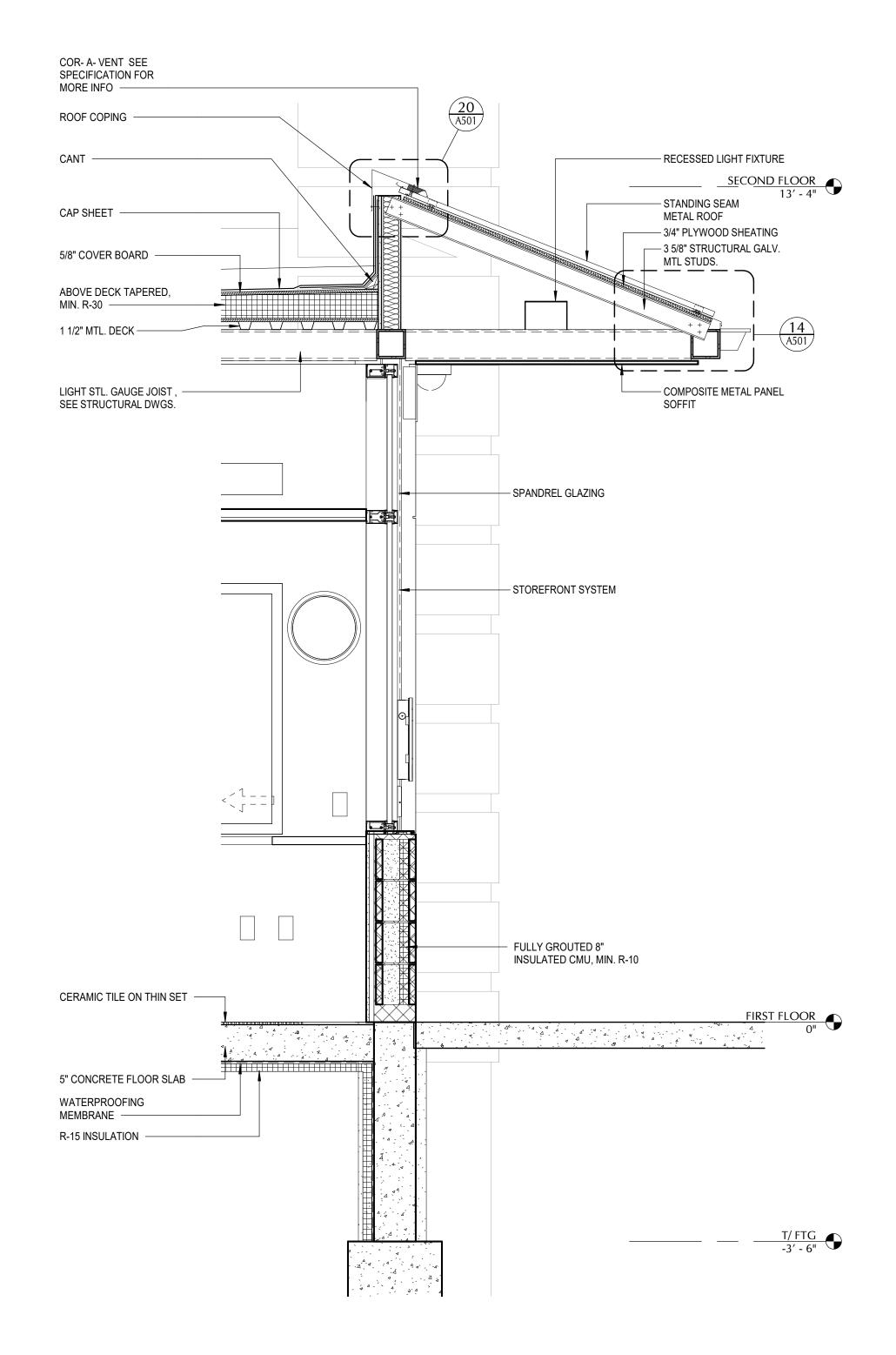
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

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

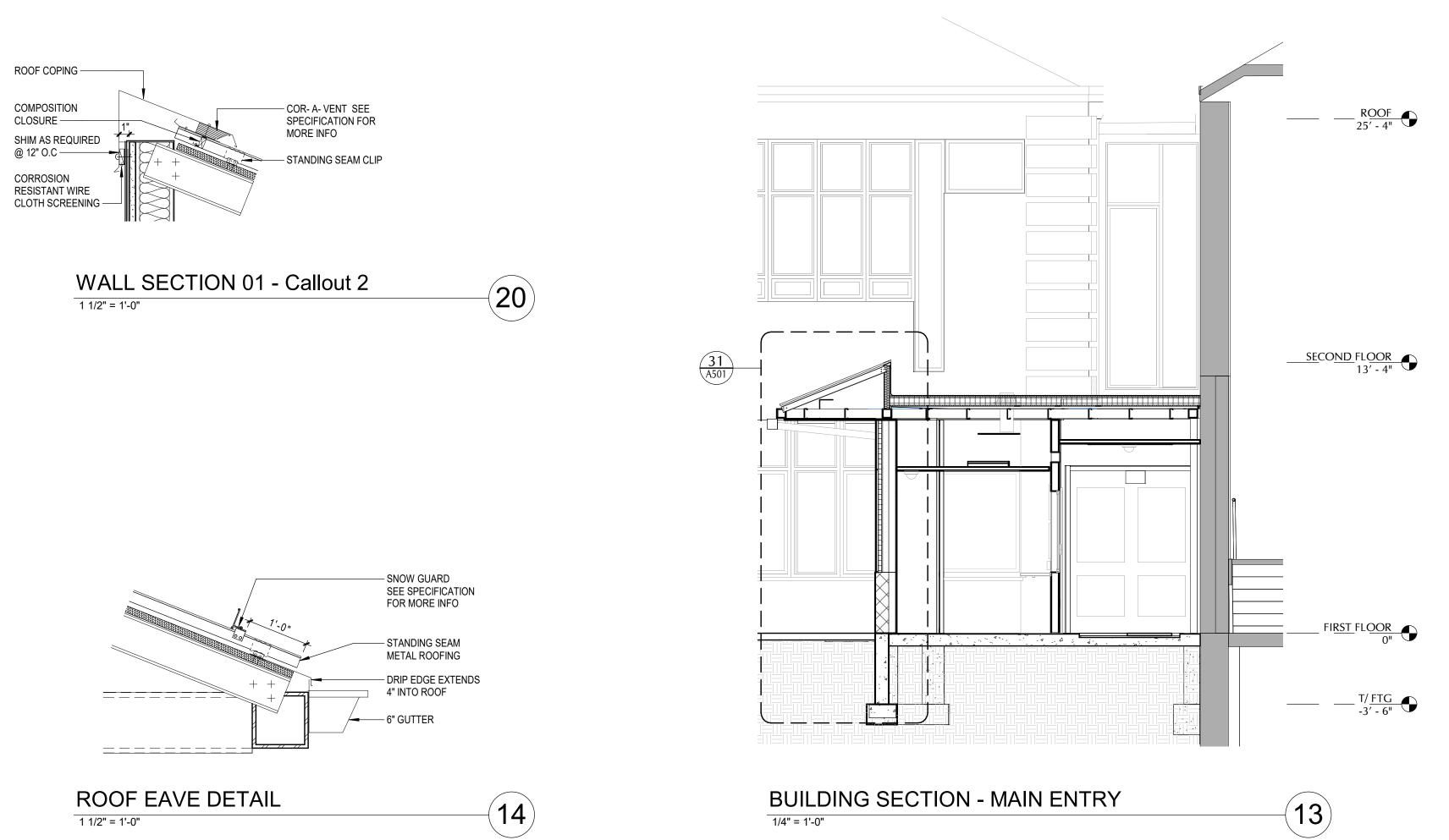
WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

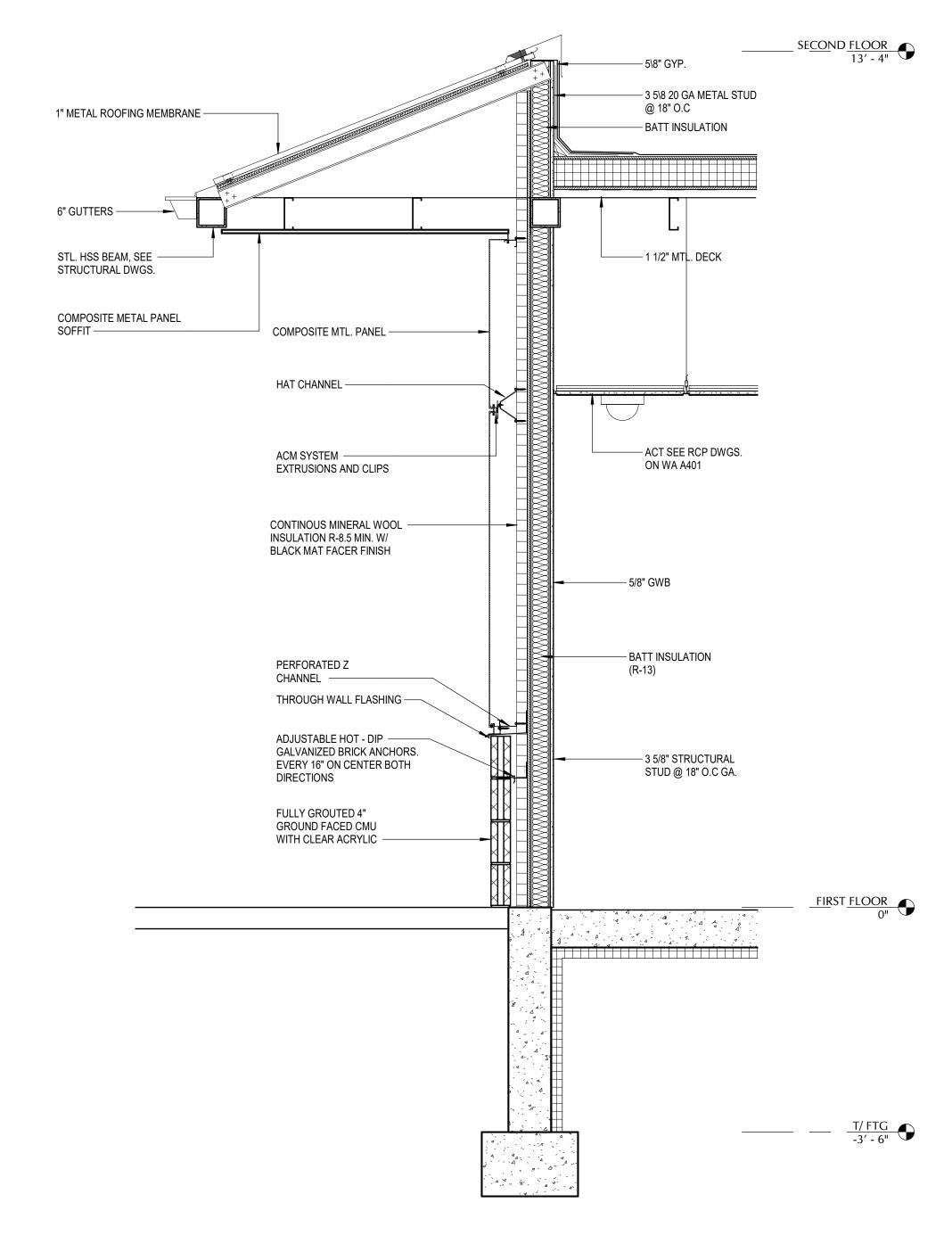
	04/02/00
BID SET ISSUE	01/03/202 DAT
KEY PLAN	
	~ 1
SED PROJECT NO.	66-03-01-03-0-002-0





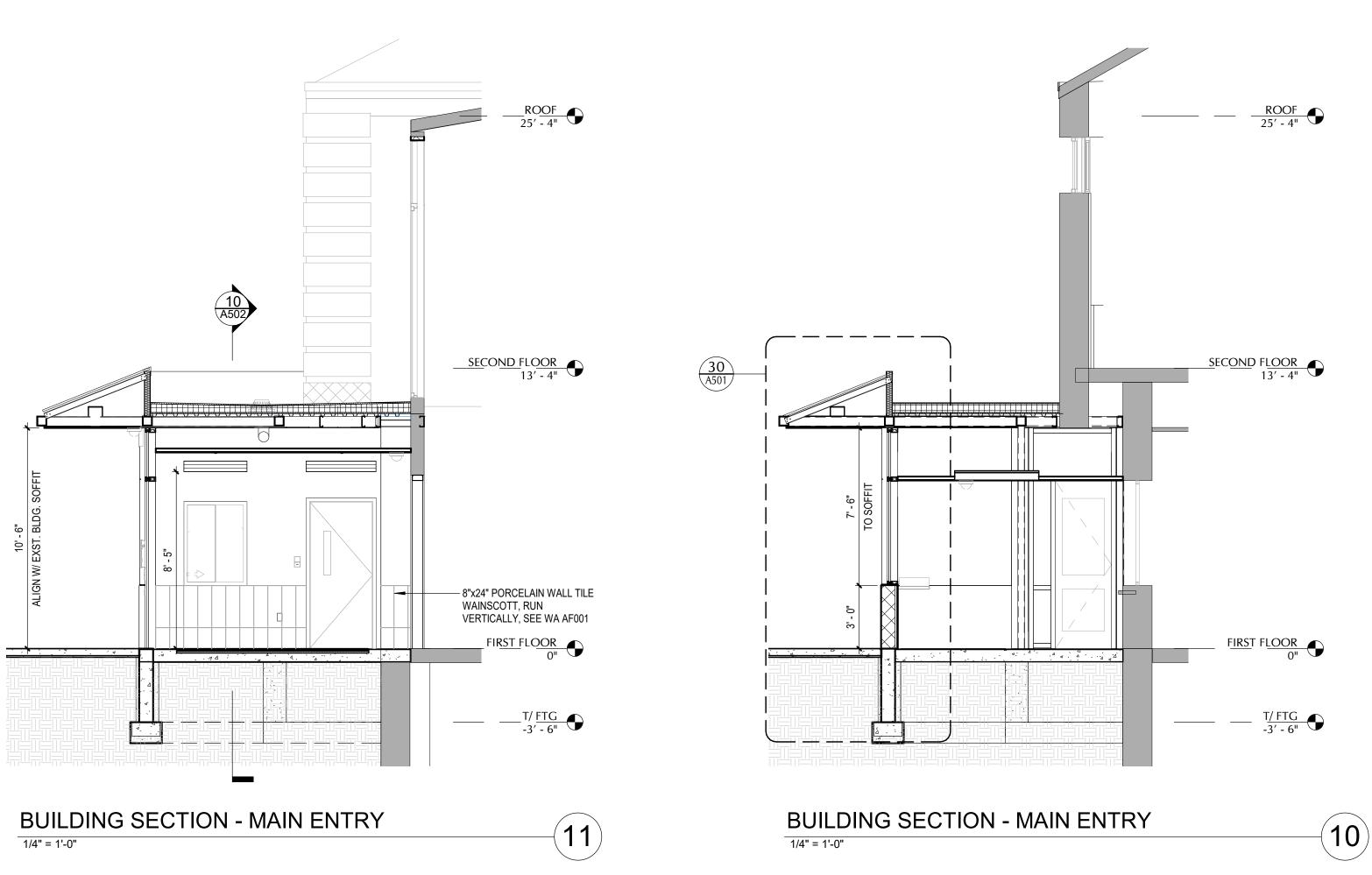


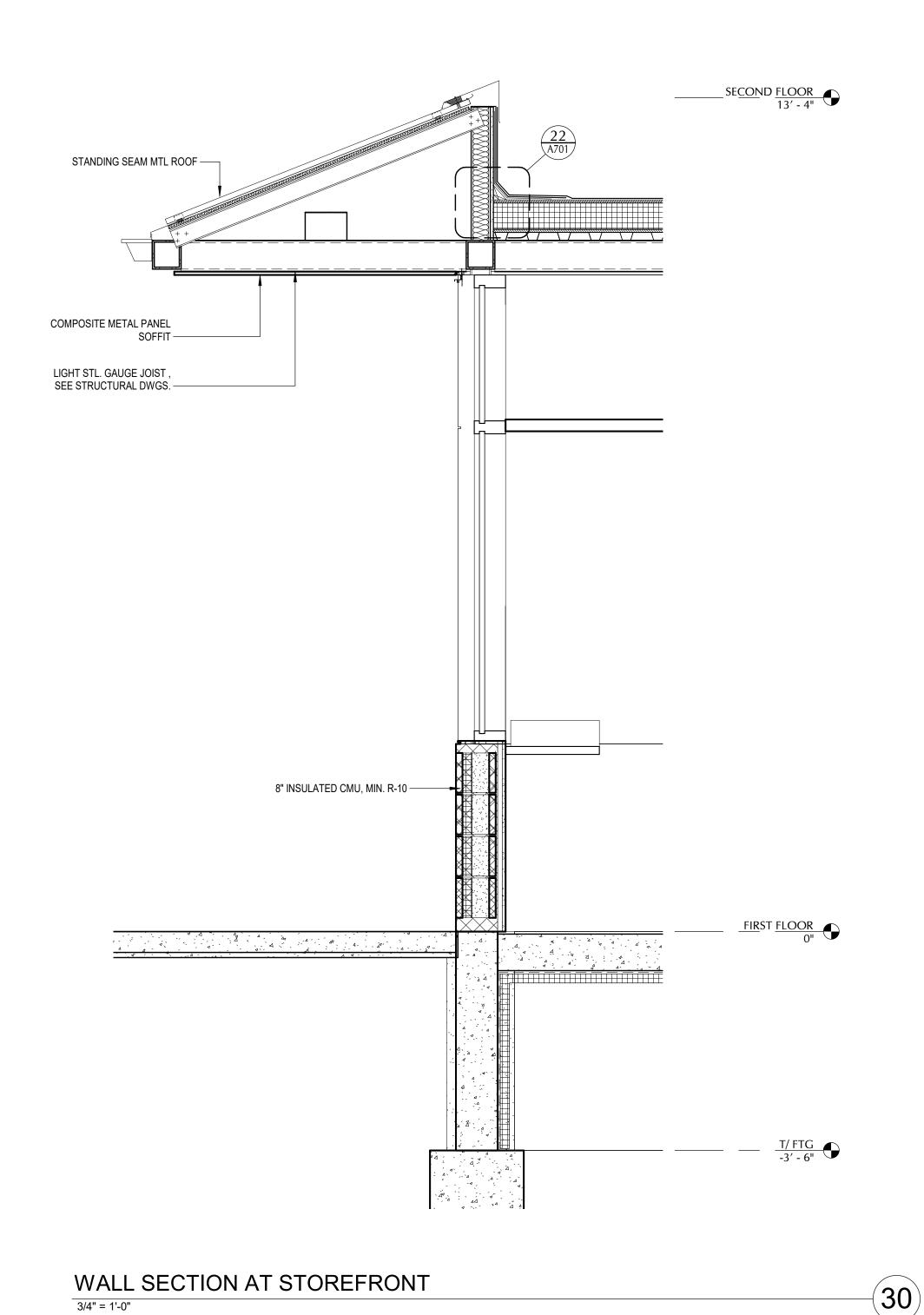












-(31)

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

 $M \equiv M \land S I$ 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

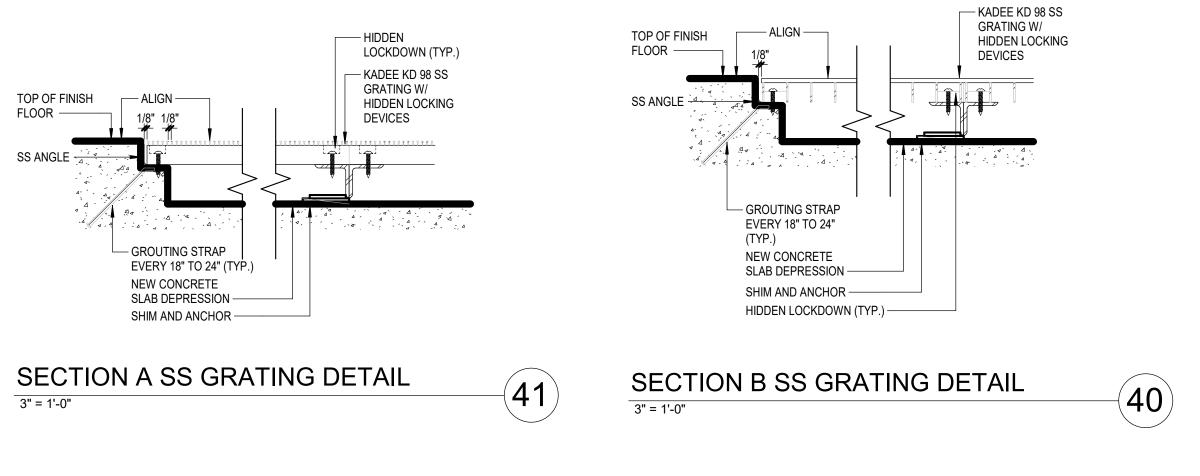
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

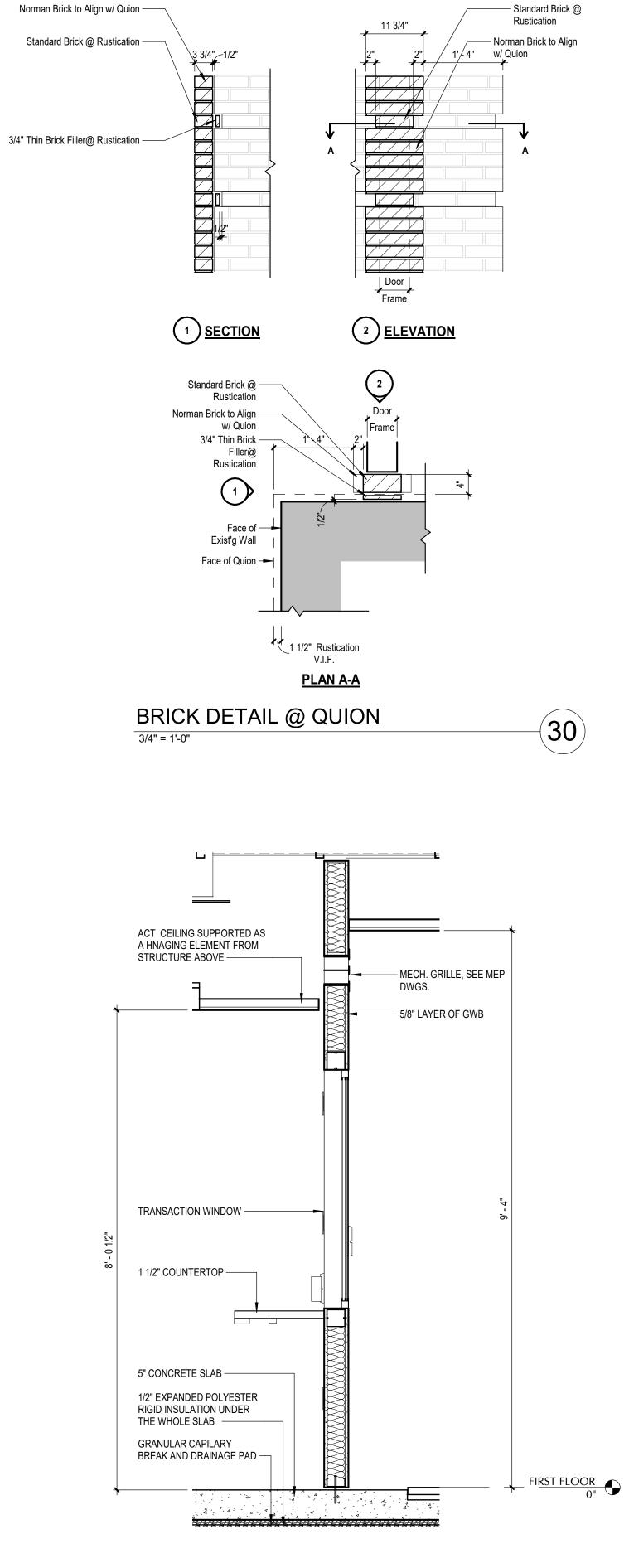
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT

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

01/03/2023 DATE
\sim
66-03-01-03-0-002-011
102-2202
66







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

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

 $M \equiv M \land S \mid$ 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM

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

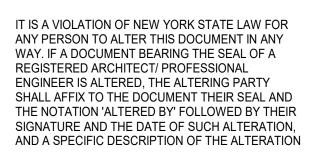
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762

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

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

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

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



SEAL

BID SET

01/03/2023 DATE

SED PROJECT NO. MEMASI PROJECT NO. 66-03-01-03-0-002-011 102-2202





PARTITION NOTES

14	PAR	TITION TYPE NU	JMBER		
	ΛU	STC RATING	FIRE RATING TEST DESIGN	SIDE ONE FINISH SIDE TWO FINISH	 - -
GENERAL	. P/	ARTITION N	OTES		_

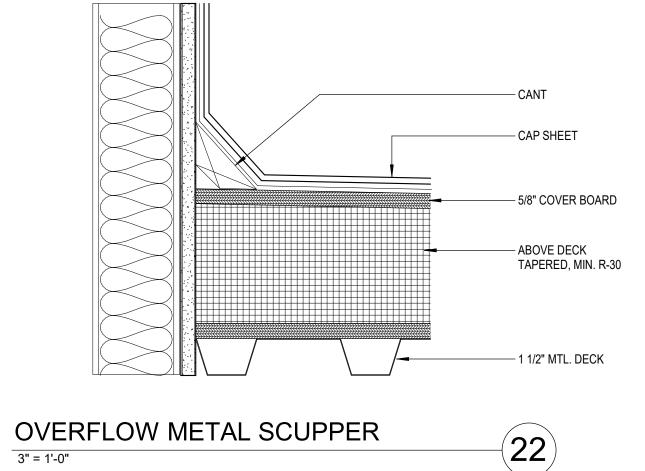
1.	THIS PARTITION TYPE SCHEDULE IS GENERIC IN NATURE. NOT ALL OF THE PARTITION TYPES ILLUSTRATED ON THIS SHEET HAVE BEEN UTILIZED IN THIS PROJECT. SEE FLOOR PLANS FOR LOCATIONS OF PARTITION TYPES USED.
2.	ALL INTERIOR PARTITIONS INDICATED ON THE FLOOR PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF 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	E RATED SYSTEMS
1.	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 AGENCY. ANY PRODUCT THAT EMITS ODOR MUST MEET THE REQUIREMENTS OF THE NEW YORK STATE EDUCATION DEPARTMENT. CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL, OR FIRE-STOPPD 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. 		PARTITION ASSEMBLIES AND FIRE RATED FLOOR/ROOF ASSEMBLIES. THE
 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 AGENCY. ANY PRODUCT THAT EMITS ODOR MUST MEET THE REQUIREMENTS OF THE NEW YORK STATE EDUCATION DEPARTMENT. CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL, OR FIRE-STOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY, OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION. ALL PARTITION TYPE DIAGRAMS ARE GRAPHICAL IN NATURE. IN THE CASE WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE- RATED PARTITION, THE PARTITION TYPE DESCRIPTION GOVERNS. 		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
 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. 	2.	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
 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. 	3.	
WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE- RATED PARTITION, THE PARTITION TYPE DESCRIPTION GOVERNS.	4.	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
CMU WALL SYSTEMS	5.	WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE-
	CMU	WALL SYSTEMS

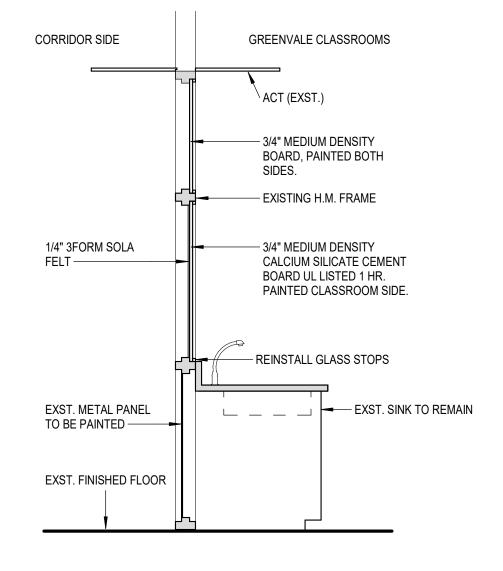
1.	ALL PLAN DIMENSIONS ARE TO FACE OF CMU, UNLESS NOTED OTHERWISE.
2.	PROVIDE HORIZONTAL JOINT REINFORCEMENT EVERY OTHER CMU COURSE.
3.	 PROVIDE (2) VERTICAL #4 BARS IN FULLY GROUTED CORES AT THE FOLLOWING LOCATIONS: A) PARTITION INTERSECTIONS (REINFORCE FULL HEIGHT) B) DOOR OPENINGS (REINFORCE FULL HEIGHT OFDOOR) C) WINDOW OPENINGS (REINFORCE FLOOR TO WINDOW HEAD) D) WALL ENDS (REINFORCE FULL HEIGHT)
4.	SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REINFORCING AND ANCHORING REQUIREMENTS.
5.	PROVIDE BULLNOSE MASONRY UNITS ON ALL OUTSIDE CORNERS OF WALLS UNLESS NOTED OTHERWISE.
MET	AL STUD PARTITION AND CEILING SYSTEMS
1.	ALL DIMENSIONS ARE TO THE FACE OF GWB UNLESS NOTED OTHERWISE.
2.	PROVIDE METAL BRACING AT THIRD POINTS AT THE INTERIOR OF METAL STUD CHASE PARTITIONS. BRACING SHALL NOT EXCEED 48" OC.
3.	PROVIDE METAL L.C. BEAD, BACKER ROD AND SEALANT AT THE INTERSECTION OF GYP BD PARTITIONS AND MASONRY PARTITIONS.
4.	 PROVIDE ACOUSTICAL SEALANT IN THE FOLLOWING LOCATIONS: A) PERIMETER OF PARTITIONS B) RUNNERS C) ELECTRICAL OUTLETS D) PARTITION PENETRATIONS AND OPENINGS
5.	PROVIDE BLOCKING WITHIN PARTITIONS TO SUPPORT PARTITION MOUNTED EQUIPMENT, FIXTURES AND ACCESSORIES. COORDINATE WITH CABINETRY DETAILS AND MEP DRAWINGS.
6.	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.
7.	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
8.	GYPSUM BOARD SCHEDULE- 5/8" TYPE "X" GYPSUM BOARD UNLESS NOTED OTHERWISE CORRIDOR AND STUDENT OCCUPIED SPACES FROM FLOOR TO 8'-0" ABOVEFINISHED FLOOR: 5/8" TYPE "X" ABUSE RESISTANT GYPSUM BOARD-SUSPENDED GYPSUM BOARD CEILINGS: 5/8" TYPE "X" SAG RESISTANTGYPSUM BOARD-EXTERIOR CEILINGS AND SOFFITS: 5/8" GLASS-MAT GYPSUM SHEATHING-PARTITIONS TO RECEIVE TILE FINISH: 5/8" TYPE "X"GLASS-MAT WATERRESISTANT BACKING BOARD- TOILET ROOMS, KITCHENS & JANITOR CLOSETS: PARTITIONS & CEILINGSTHAT DO NOT RECEIVE TILE SHALL RECEIVE 5/8" TYPE "X" MOISTURE & MOLDRESISTANT GYPSUM BOARD

MAXIMUM SPACING - GYPSUM BOARD CONTROL JOINTS

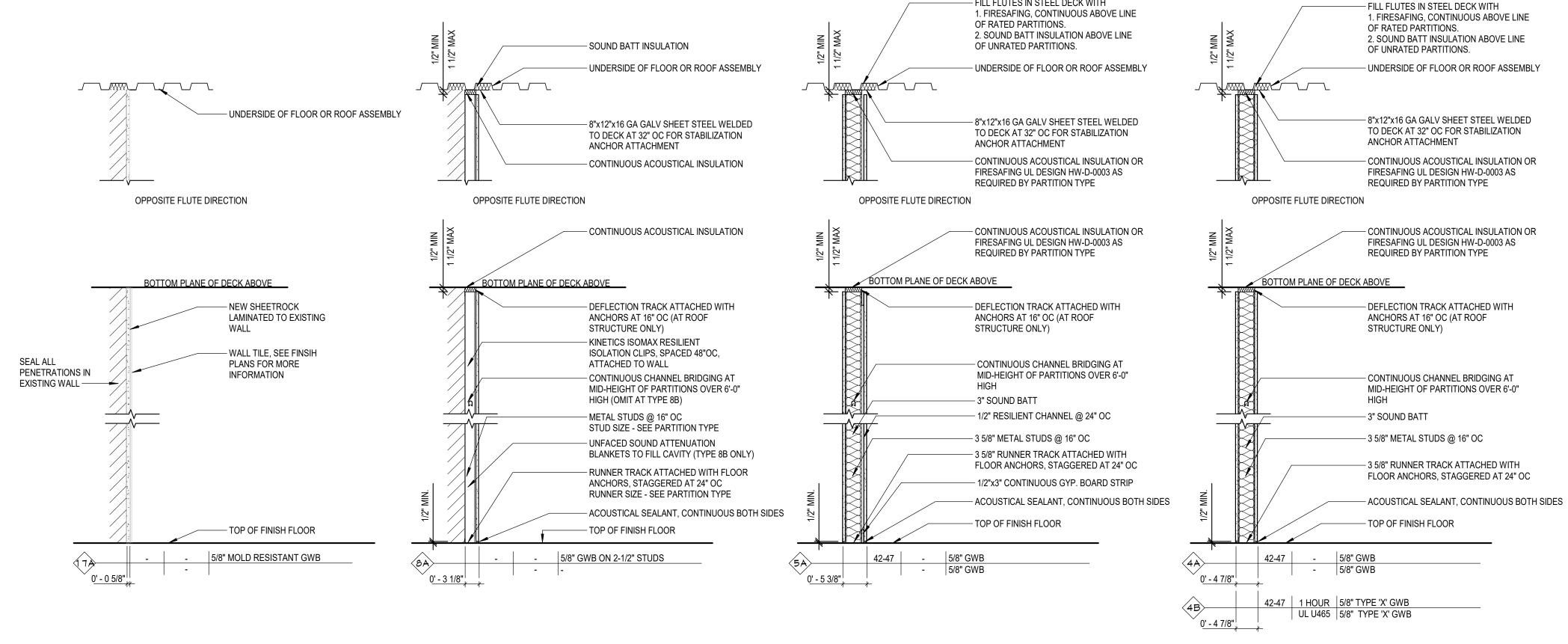
	MAX SINGLE DIMENSION	MAX SINGLE AREA
LOCATION	FEET	FEET
PARTITION - INTERIOR	30	-
CEILING - INTERIOR		
W/ PERIMETER RELIEF	50	2500
W/O PERIMETER RELIEF	30	900
		•



3" = 1'-0"



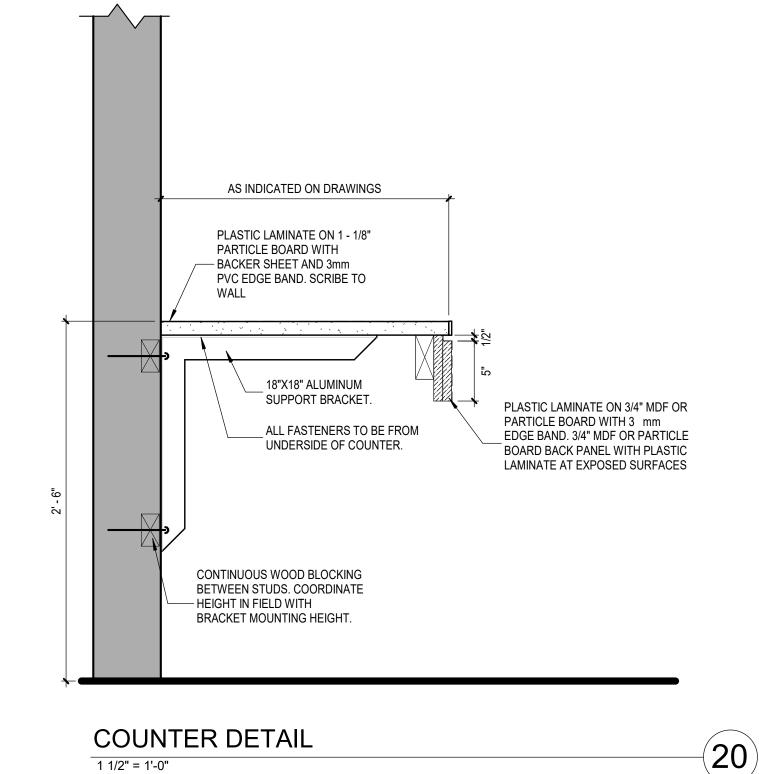




PARTITION TYPES 3/4" = 1'-0"



- FILL FLUTES IN STEEL DECK WITH



1 1/2" = 1'-0"

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY 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 STAMFORD, CT 06905

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

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

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

SEAL	
BID SET	01/03/2023
ISSUE	DATE
KEY PLAN	
	St
SED PROJECT NO.	66-03-01-03-0-002-011
MEMASI PROJECT NO.	102-2202
PARTITIC	
TYPES A	ND TYP.
CASEWO	RK
DETAILS	
	N A
WA A7	UT



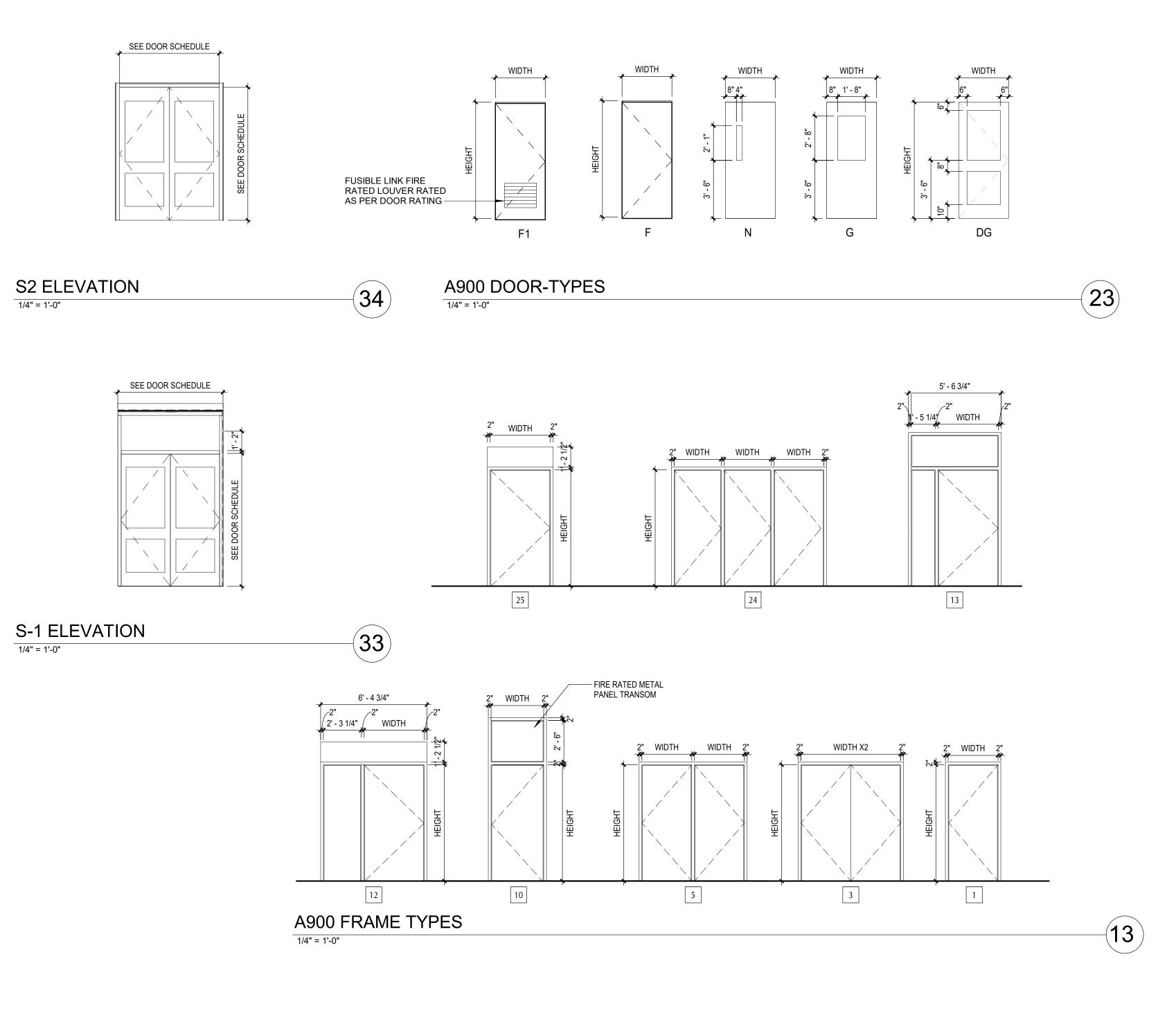
STRIPS

A. DOORS THAT HAVE A FIRE RATING SHALL HAVE CORRESPONDING RATED FRAMES.

KEY NOTES

- 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 STUD.
- D. AT ALL DISSIMILAR CARPET TO CARPET INTERSECTIONS, PROVIDE APPROPRIATE TRANSITION STRIP.
- E. ALL DOOR FRAMES TO BE PAINTED COLOR TO MATCH WALL UNLESS OTHERWISE NOTED.
- D. EXISTING METAL HOLLOW FRAMES TO REMAIN SHALL BE SANDED DOWN TO METAL WHILE PROTECTING THE UL MARKING TO REMAIN INTACT AND READABLE. FOR SMALL ROUND HOLES USE STEEL FASTENERS AND GROUND DOWN THE HEAD TO BE SMOOTH WITH THE FRAME. PROVIDE STEEL PLATES MATCHING THE HOLLOW METAL FRAME GAUGE FOR ABANDONED HARDWARE CUTOUTS OR OTHER OPENINGS. PROTECT THE UL MARKING, PRIME AND PAINT THE HOLLOW METAL FRAMES.
- E. 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.
- F. 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.

GL	AZING TY
X-1	VISION GLASS
X-2	SPANDREL GLASS
X-3	SECURITY GLASS
I-1	1 HR. FIRE PROTECT
I-2	TEMPERED SAFETY
I-3	SECURITY GLASS (S
I-4	1 HR. FIRE RESISTIV
I-5	2 HR. FIRE RESISTIV
I-6	1 HR. FIRE RESISTIV CERTIFIED)



YPES

CTED GLASS Y GLASS (SHOOTER ATTACK CERTIFIED) IVE GLASS IVE GLASS IVE SECURITY GLASS (SHOOTER ATTACK

									NEW	EXTERIO	R DOO	r schei	DULE										
2			T		DOOR		1				ł				FRAME		1				OPEN	ROL	
DOOR NUMBE	QUANTITY	FROM		ТО		WIDTH	HEIGHT	THICKNESS	ТҮРЕ	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OF	ACCESS CONTF	REMARKS
		•		ŀ		•	•		•	•				•			•		•	•			
102BB	1	103D	OFFICE			3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	1	ALUM	FF			30/A902	-	-	EX03.1NEW			
102E	1	102	CAFETERIA			4' - 0"	7' - 0"	1 3/4"	G	FRP	FF	12	ALUM	FF			30/A902	-	X-3	EX03.1NEW			
102F	1	102A	KITCHEN			3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	25	ALUM	FF			30/A902	-	-	EX02.NEW	(CR	
E2B	1			E002	STAIR #2	4' - 0"	7' - 0"	1 3/4"	G	FRP	FF	13	ALUM	FF			30/A902	-	X-3	EX02.NEW	(CR	
K118A		K127	ENTRANCE	K118	VESTIBULE		8' - 0"	1 3/4"	DG	ALUM	FF	-	ALUM	FF						10.NEW			
K118B				K118	VESTIBULE		8' - 0"	1 3/4"	DG	ALUM	FF	-	ALUM	FF						EX05.NEW			
K120B	3	K120	GYMNASIUM			3' - 0"	7' - 0"	1 3/4"	F	FRP	FF	24	ALUM	FF						EX03.1NEW			

									NEW	INTERIC	R DOO	r sche	DULE										
~					DOOR										FRAME						OPEN	SOL	
DOOR NUMBER	QUANTITY	FROM		то		WIDTH	НЕІСНТ	THICKNESS	ТҮРЕ	MATERIAL	FINISH	ТҮРЕ	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OP	ACCESS CONTROL	REMARKS
101-A	1	E001	STAIR #1	101-A	OFFICE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	1	НМ	PNT			_	45	1-1	S-01.NEW			SHELTER LOCKSET
102B	1	102	CAFETERIA	E001	STAIR #1	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	1	НМ	PNT			-	45	I-1	S-03.NEW			SHELTER LOCKSET, EXIT DEVICE
102C	1	102	CAFETERIA	E001	STAIR #1	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	1	НМ	PNT			-	45	I-1	S-03.NEW			SHELTER LOCKSET, EXIT DEVICE
110	1	-	CORRIDOR	110	MUSIC ROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.NEW			SHELTER LOCKSET, GLAZE TYPE I-1
112	1	-	CORRIDOR	112	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.NEW			SHELTER LOCKSET, GLAZE TYPE I-1
113	1	-	CORRIDOR	113	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.1NEW			SHELTER LOCKSET, GLAZE TYPE I-1
114	1	-	CORRIDOR	114	ART ROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.1NEW			SHELTER LOCKSET, GLAZE TYPE I-1
115	1	-	CORRIDOR	115	GIRLS T	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	11/A902	10/A902	14/A902	45	-	05.NEW			
116	1	116	BOYS T	-	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F1	WD	FF	1	НМ	PNT	11/A902	10/A902	14/A902	45	-	05.NEW			
118	1	118	JAN	-	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F1	WD	FF	1	НМ	PNT	11/A902	10/A902	14/A902	45	-	03.3.NEW			
206	1	-	CORRIDOR	206	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	Ν	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.NEW			SHELTER LOCKSET, GLAZE TYPE I-1
207	1	-	CORRIDOR	207	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	Ν	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.1NEW			SHELTER LOCKSET, GLAZE TYPE I-1
208	1	-	CORRIDOR	208	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	Ν	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.1NEW			SHELTER LOCKSET, GLAZE TYPE I-1
209	1	209	BOYS TOILET	-	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	11/A902	10/A902	14/A902	45	-	05.NEW			
210	1	-	CORRIDOR	210	RESOURCE ROOM	3' - 0"	7' - 0"	1 3/4"	Ν	WD	FF	10	НМ	PNT	11/A902	10/A902	-	45	I-1	S-01.1NEW			SHELTER LOCKSET, GLAZE TYPE I-1
212	1	-	CORRIDOR	212	GIRLS TOILET	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	11/A902	10/A902	14/A902	45	-	05.NEW			
214	1	214	JAN	-	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	11/A902	10/A902	14/A902	45	-	03.3.NEW			
E2	1	-	CORRIDOR	E002	STAIR #2	4' - 1 1/2"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	22/A902	23/A902	-	45	-	01.NEW	YES		
E2A	1	E002	STAIR #2	E002	STAIR #2	3' - 8"	7' - 0"	1 3/4"	F	WD	FF	1	НМ	PNT	22/A902	23/A902	-	45	-	01.NEW	YES		
K115A	1	K118	VESTIBULE	K115	SECURITY OFFICE	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	1	HM	PNT	12/A902	13/A902		45	-	CR01			SHELTER LOCKSET

					DOOR			NEW DOO					AIIN) SC		-E FRAME				T		z	
DOOR NUMBER	QUANTITY	FROM		ТО		WIDTH	НЕІСНТ	THICKNESS	ТҮРЕ	MATERIAL	FINISH	ТҮРЕ	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	OULLO CONTRO SSS SCONTRO SSS SCONTRO REMARKS
002A	2	002	CORRIDOR	E003	STAIR #3	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	07	YES	
002B 101-B	2	002 120C	CORRIDOR CORRIDOR	E004 101-B	STAIR #4 FAC. LOUNGE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N	WD WD	FF	-	EXIST EXIST	PNT PNT	- 22/A902	- 23/A902	-	45 45	I-1	07	YES	
101-8	1	E001	STAIR #1	101-8	TECHNOLOGY	3' - 2"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	20/A902	21/A902	-	45	-	S-01		
102A	1	102	CAFETERIA	E001	STAIR #1	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT			-	45	1-1	S-03		SHELTER LOCKSET, EXIT DEVICE
102D 102G	1	E001 102A	STAIR #1 KITCHEN	102	CAFETERIA CAFETERIA	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	F	WD WD	FF	-	EXIST EXIST	PNT PNT	20/A902	21/A902	-	45	-	S-01.1 14.1		SHELTER LOCKSET, EXIT DEVICE
103	1	120C	CORRIDOR	E001	STAIR #1	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	I-1	S-01.2		SHELTER LOCKSET
103A 103B	1	120C 120C	CORRIDOR CORRIDOR	103A 103B	STORAGE OFFICE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	F	WD WD	FF	-	EXIST EXIST	PNT PNT	22/A902 22/A902	23/A902 23/A902	-	45 45	-	02.2		
103B	1	120C	CORRIDOR	103B	OFFICE	3' - 0"	7 - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	22/A902 22/A902	23/A902 23/A902	-	45	I-1 I-1	02.2		
103D	1	120C	CORRIDOR	103D	OFFICE	3' - 0"	7' - 0"	1 3/4"	Ν	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	1-1	02.2		
103E 103F	1	120C 120C	CORRIDOR CORRIDOR	103E 103F	OFFICE T	3' - 0" 2' - 5 3/4"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	F	WD WD	FF	-	EXIST EXIST	PNT PNT	22/A902 22/A902	23/A902 23/A902	-	45 45	-1 -	02.2		
1031	1	E001	STAIR #1	1031	CLASSROOM	3' - 2"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	20/A902	21/A902	-	45	I-1	S-01		SHELTER LOCKSET
104B	1	E001	STAIR #1	104		3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	20/A902	21/A902	-	45	1-1	S-01.1		SHELTER LOCKSET
106A 106B	1	E001 E001	STAIR #1 STAIR #1	106A 106B	NURSE'S OFFICE EXAM RM.	3' - 2" 3' - 2"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N N	WD WD	FF FF	-	EXIST EXIST	PNT PNT	20/A902 20/A902	21/A902 21/A902	-	45 45	I-1 I-1	S-01 S-01.1		SHELTER LOCKSET
107	1	E001	STAIR #1	107	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	12/A902	13/A902		45	I-1	S-01.NEW		SHELTER LOCKSET, GLAZE TYPE I-1
111	1	111	CLASSROOM	E001	STAIR #1	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	I-1	S-01.NEW		SHELTER LOCKSET
117 119	1	E001 E001	STAIR #1 STAIR #1	117 119	OFFICE OFFICE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N N	WD WD	FF	-	EXIST EXIST	PNT PNT	22/A902 12/A902	23/A902 13/A902	-	45 45	I-1 I-1	S-01.NEW S-01.NEW		SHELTER LOCKSET SHELTER LOCKSET, GLAZE TYPE I-1
201	1	205	CORRIDOR	201	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	I-1	S-01		SHELTER LOCKSET
202A	1	205	CORRIDOR	202	SPECIAL ED.	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	1-1	S-01.1		SHELTER LOCKSET
202B 203	1	205 205	CORRIDOR CORRIDOR	202 203	SPECIAL ED. OFFICE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N	WD WD	FF FF	-	EXIST EXIST	PNT PNT	22/A902 20/A902	23/A902 21/A902	-	45 45	I-1 I-1	S-01 S-01.1		SHELTER LOCKSET SHELTER LOCKSET
204	1	205	CORRIDOR	204	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	I-1	S-01.1NEW		SHELTER LOCKSET
205	1	205	CORRIDOR	205	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	Ν	WD	FF	-	EXIST	PNT	12/A902	13/A902	-	45	I-1	S-01		SHELTER LOCKSET, GLAZE TYPE I-1,
E1	1	E001	STAIR #1	E001	STAIR #1	3' - 3 1/2"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	-	01.3	YES	REPLACE PANEL TOO BE FIRERATED
E2C	1	-	CORRIDOR	E002	STAIR #2	3' - 3 1/2"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	22/A902	23/A902	-	45	-	01	YES	
K116	1	K121	CORRIDOR	K116	CONFERENCE RM.	3' - 0"	7' - 0" 7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT				45	-	S-01.1		SHELTER LOCKSET
K117 K119	1	K121 K127	CORRIDOR ENTRANCE	K117 K119	STORAGE RECEPTION	3' - 0" 3' - 0"	7 - 0	1 3/4" 1 3/4"	F	WD WD	FF	-	EXIST EXIST	PNT PNT				45 45	-	03 S-01		SHELTER LOCKSET
K120A	1	K143	CORRIDOR	K120	GYMNASIUM	3' - 0"	7' - 1 1/2"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	S-01		SHELTER LOCKSET, EXIT DEVICE
K120C K121A	3	K120 K121	GYMNASIUM CORRIDOR	- K127	ELEVATOR LOBBY ENTRANCE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	F	WD WD	FF	24	EXIST EXIST	PNT PNT			-	90 45	-	S-03 07	YES	SHELTER LOCKSET, EXIT DEVICE
K121A	2	K121 K121	CORRIDOR	-	ELEVATOR LOBBY	3' - 0"	7 - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45 90	1-1	07	YES	
K122	1	K122	CLASSROOM	K143	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	1-1	S-01.3		SHELTER LOCKSET
K123 K124	1	K123 K143	CLASSROOM CORRIDOR	K143 K124	CORRIDOR MEN'S ROOM	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N r	WD WD	FF FF	-	EXIST EXIST	PNT PNT	-	-	-	45 45	1-1	S-01.2 05		SHELTER LOCKSET
K124	1	K143 K143	CORRIDOR	K124	WOMEN'S ROOM	3' - 0"	7 - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05		
K126	1	K126	CLASSROOM	K143	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	1-1	S-01.2		SHELTER LOCKSET
K127 K127B	1	K127 K143	CLASSROOM CORRIDOR	K143 K127	CORRIDOR ENTRANCE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N	WD WD	FF FF	-	EXIST EXIST	PNT PNT	-	-	-	45 45	-1 _1	S-01.2 07	YES	SHELTER LOCKSET
K127B	1	K143	CORRIDOR	K127	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	03.2		
K129	1	K143	CORRIDOR	K129	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	03.2		
K130 K131	1	K130 K131	CLASSROOM CLASSROOM	K143 K143	CORRIDOR CORRIDOR	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N	WD WD	FF FF	-	EXIST EXIST	PNT PNT	-	-	-	45 45	-1 -1	S-01.3 S-01.2		SHELTER LOCKSET SHELTER LOCKSET
K131	1	K131	CORRIDOR	K145	NETWORK SERVICES	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	03.2		SHELTER LOCKSET
K133	1	K143	CORRIDOR	K133	CUSTODIAL	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	03.2		SHELTER LOCKSET
K143 K211	2	E004 002	STAIR #4 CORRIDOR	K143 K211	CORRIDOR OFFICE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N	WD WD	FF FF	-	EXIST EXIST	PNT PNT	-	-	-	45 45	-1 _1	07 S-01.1	YES	SHELTER LOCKSET
K213	2	K213	LIBRARY	002	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-04		SHELTER LOCKSET, EXIT DEVICE
K215	2	002	CORRIDOR	-	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	90	1-5	S-01.2	YES	
K215A K216	1	K215 002	CLASSROOM CORRIDOR	002 K216	CORRIDOR OFFICE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N F	WD WD	FF FF	-	EXIST EXIST	PNT PNT	-	-	-	45 45	-1	07 S-01		SHELTER LOCKSET SHELTER LOCKSET
K210	1	002	CORRIDOR	K210	WOMEN'S ROOM	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	05		
K218	1	002	CORRIDOR	K218	CLASSROOM	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	I-1	S-01.2		SHELTER LOCKSET
K219 K220	1	K219 002	CLASSROOM CORRIDOR	002 K220	CORRIDOR MEN'S ROOM	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N F	WD WD	FF FF	-	EXIST EXIST	PNT PNT	-	-	-	45 45	-1 	S-01.2 05		SHELTER LOCKSET
K220	1	002	CORRIDOR	K220	STORAGE	3' - 0"	7 - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-		45]-	03.2		
K222	1	K222	CLASSROOM	002	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	-	EXIST	PNT	-	-	-	45	1-1	S-01.2		SHELTER LOCKSET
K223 K224	1	K223 002	SPECIAL ED. CORRIDOR	002 K224	CORRIDOR STORAGE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	N F	WD WD	FF FF	-	EXIST EXIST	PNT PNT	-	-	-	45 45	-1 _	S-01.2 03.2		SHELTER LOCKSET
K224 K225	1	002	CORRIDOR	K224 K225	CUSTODIAL	3' - 0"	7 - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45 45	-	03.2		
K226	1	K226	CLASSROOM	002	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	Ν	WD	FF	-	EXIST	PNT	-	-	-	45	1-1	S-01.2		SHELTER LOCKSET
K228	1	002	CORRIDOR	K228	STORAGE	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	-	EXIST	PNT	-	-	-	45	-	03.2		

NEW INTERIOR DOOR SCHEDULE

NFW DOOR	(FXISTING FRAME T	O REMAIN) SCHEDUL	F
			-

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

 $M \equiv M \land S$ 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 STAMFORD, CT 06905

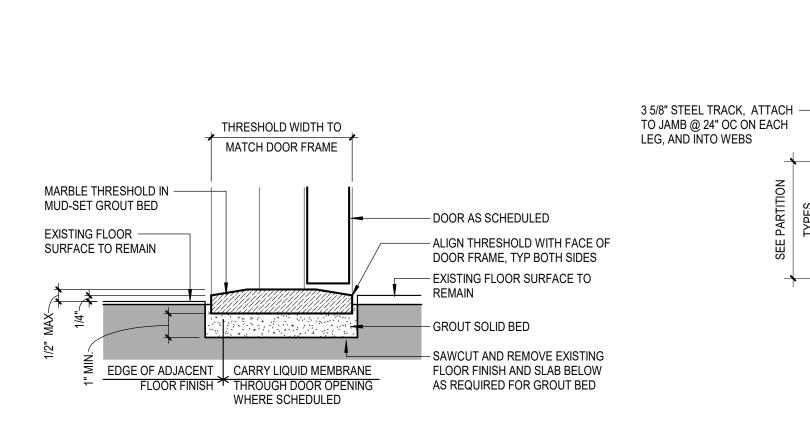
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

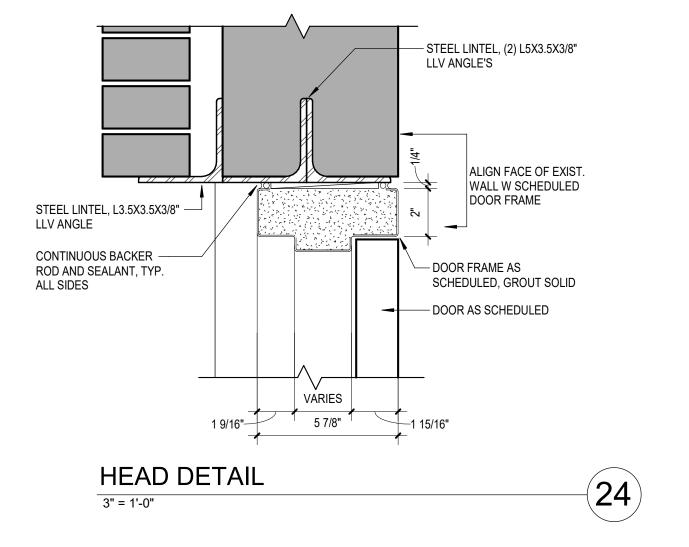
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA

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

01/03/202
DAT
66-03-01-03-0-002-01
102-220

THRESHOLD IN EXISTING SLAB 3" = 1'-0"



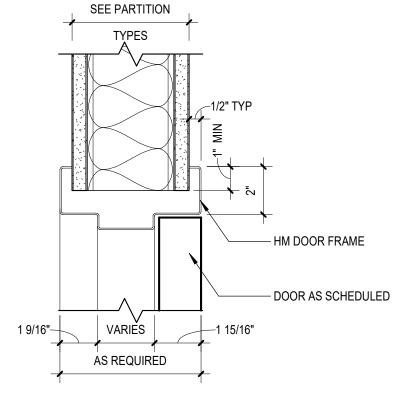


-(14)

-



HEAD DETAIL 3" = 1'-0"



JAMB DETAIL 3" = 1'-0"



/----- HM DOOR FRAME

/ DOOR AS SCHEDULED

----- (3) ANCHOR CLIPS EACH SIDE(MIN) ABOVE OR

BELOW EACH HINGE

/------ HM DOOR FRAME

/----- DOOR AS SCHEDULED

SÍDE(MIN) ABOVE OR

- DOUBLE STUDS AT JAMBS, EXTEND TO STRUCTURE ABOVE, TYP FASTEN GWB

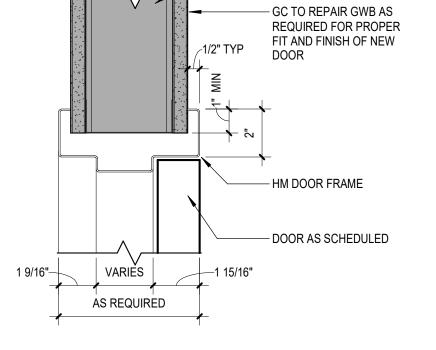
BELOW EACH HINGE

TO BOTH STUDS

- EXISTING METAL STUD

È 1" MIN-

HEAD DETAIL 3" = 1'-0"



- EXISTING METAL STUD PARTITION TO REMAIN

PROVIDE PLASTER REPAIR AND CORNER — BEAD EXISTING PARTITION -

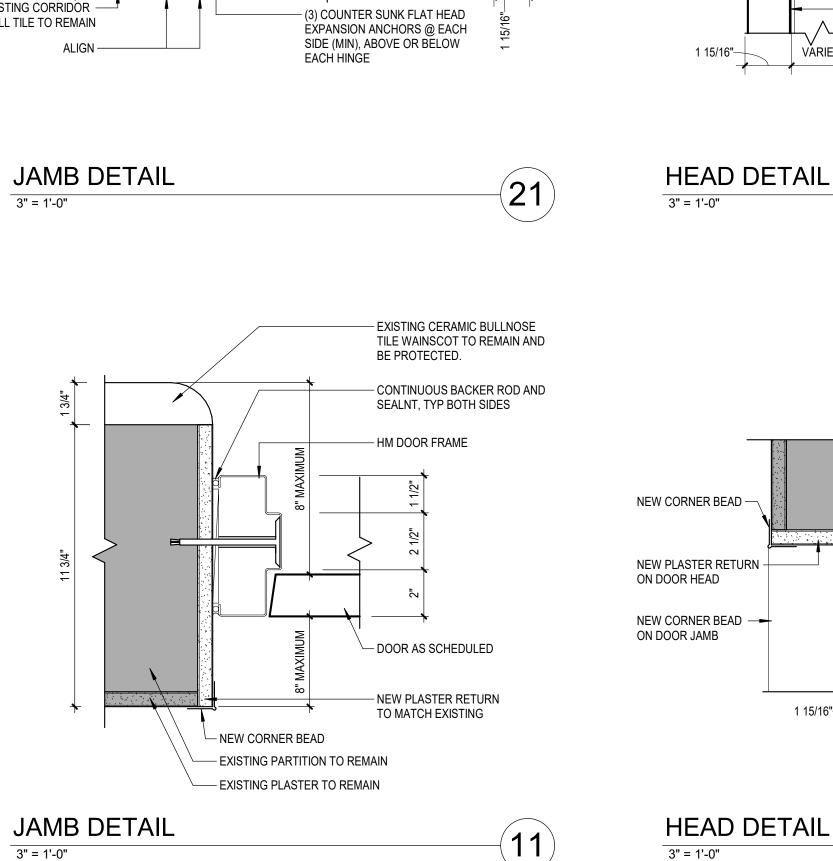
WALL TILE TO REMAIN

EXISTING CORRIDOR —

ALIGN —

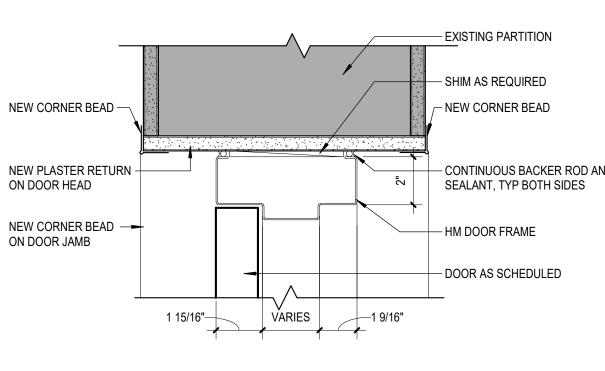
-22

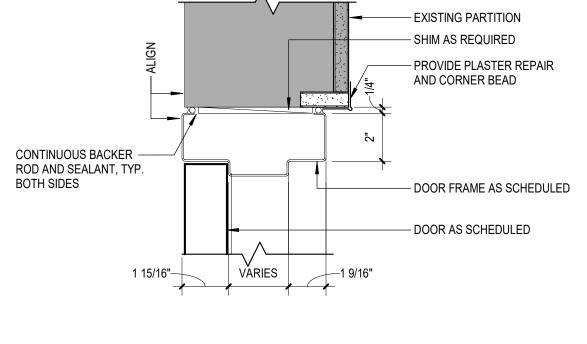
-(12)



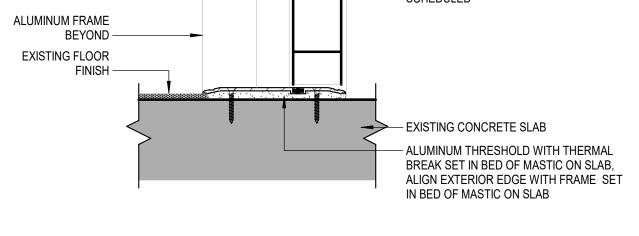
– DOOR FRAME AS SCHEDULED

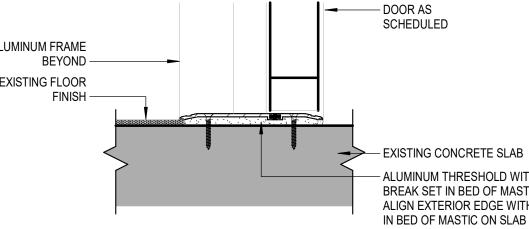
DOOR AS SCHEDULED











EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

 $M \equiv M \land S I$ 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM

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

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

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

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

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

NEW YORK, NY 10119 LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221

SEAL	
BID SET ISSUE	01/03/20 DA
KEY PLAN	
SED PROJECT NO. MEMASI PROJECT NO.	66-03-01-03-0-002-0 102-22
DOOR DI	ETAILS
WA A9	02

-20

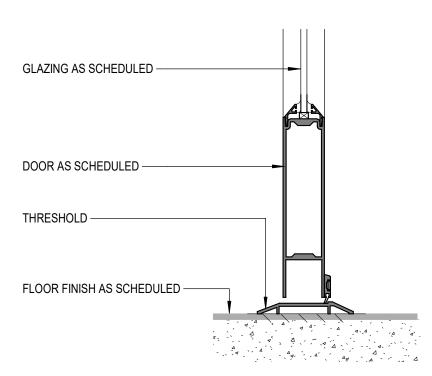
-(10)

 \searrow

1. SEE DWGS. WA A401, WA A402, AND WA A501 SERIES TO LOCATE STOREFRONTS.

GLAZING TYPES

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



ALUM. STOREFRONT SYSTEM

GLAZING AS SCHEDULED —

CONT. BACK ROD AND SEALANT, TYP BOTH SIDES -

CONCRETE SLAB -

DOOR SILL DETAIL 3" = 1'-0"





STOREFRONT DETAIL 3" = 1'-0"

BATT INSULATION -

3 5/8" STUD WALL —

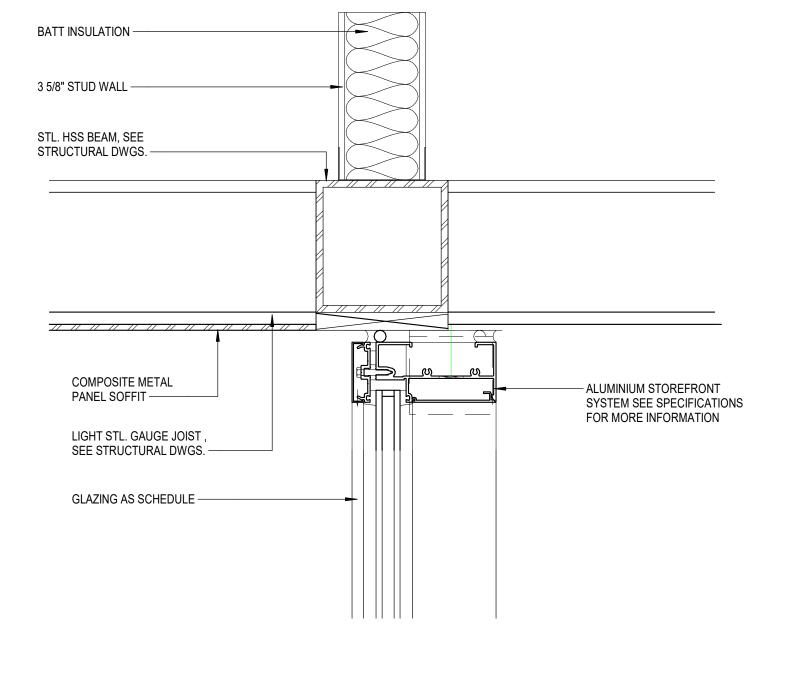
ALUMINIUM STOREFRONT

SYSTEM SEE SPECIFICATIONS

GLAZING AS SCHEDULED -

4MM ALUMINIUM PANEL

FOR MORE INFORMATION —

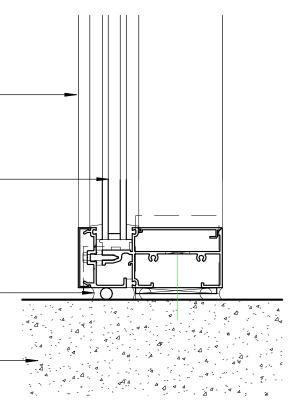


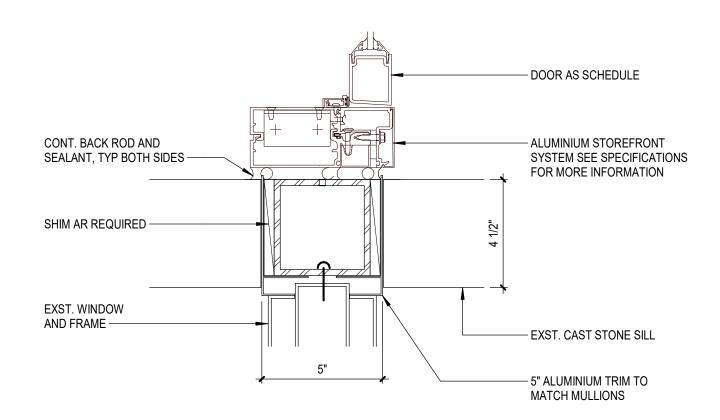
STOREFRONT HEAD DETAIL 3" = 1'-0"



STOREFRONT 1 3" = 1'-0"

KEY NOTES



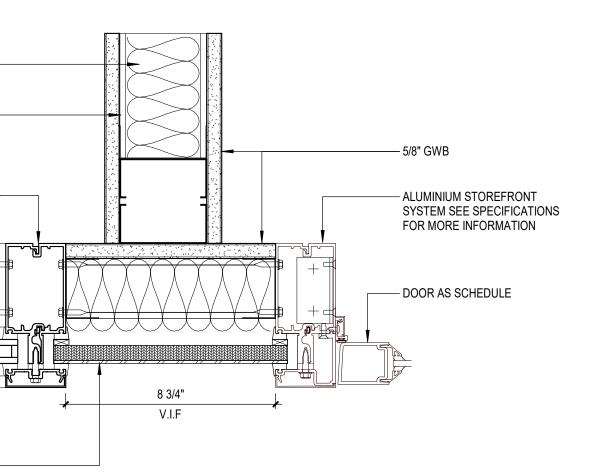


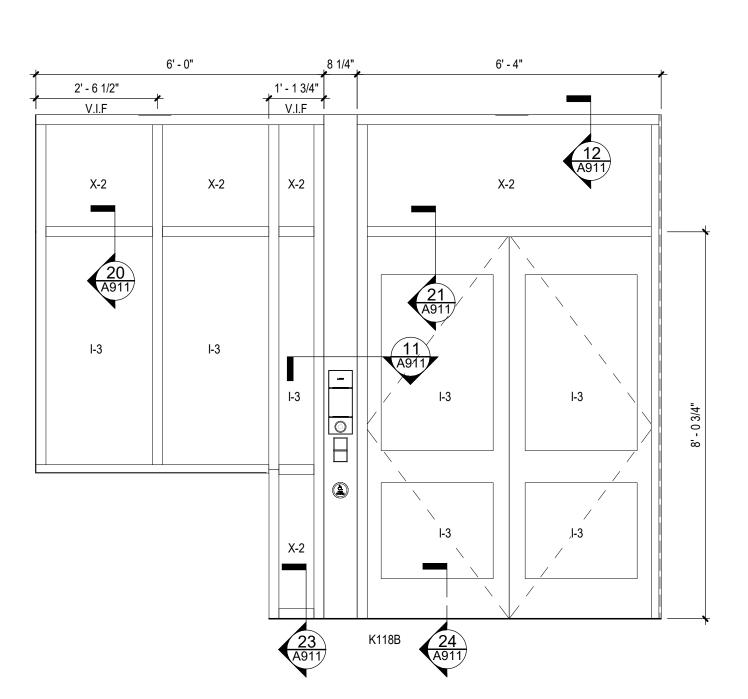


DOOR JAMB DETAIL 3" = 1'-0"



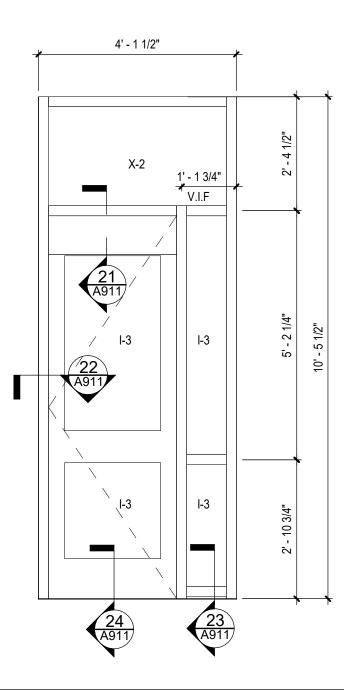
DOORHEAD W/ TRANSOM DETAIL 3" = 1'-0"

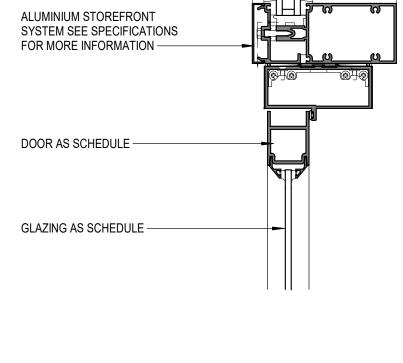


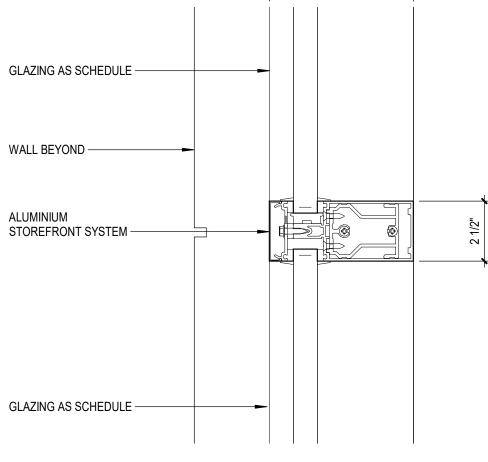


(11)

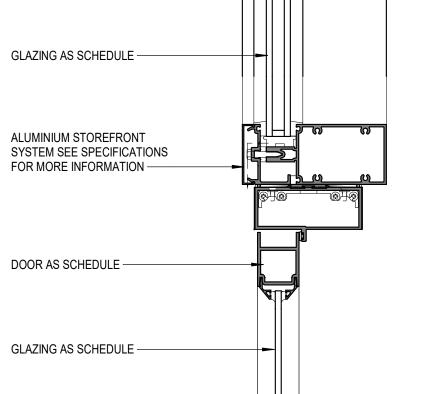
STORE FRONT ELEVATIONS 1/2" = 1'-0"





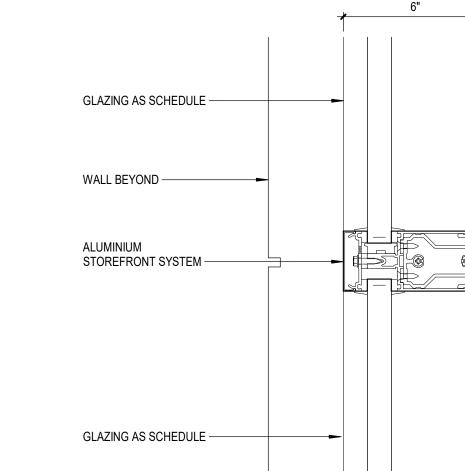


STOREFRONT MULLION / MULLION DETAIL



-(21)

3" = 1'-0"



-20

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

 $M \equiv M \land S I$ 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

BID SET ISSUE	01/03/20 DA
KEY PLAN	
	\
SED PROJECT NO.	66-03-01-03-0-002-0
MEMASI PROJECT NO.	102-22

FINISH NOTE

MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED ASACTACOUSTICAL CEILING TILEREFERENCE TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVEETREXISTING TO REMAIN PAINTBEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBYLVTLUXURY VINYL TILENOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE INPNTPAINTRESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITYCWTCERAMIC WALL TILEAND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAYRBRUBBER / RUBBER WALL BASEDIFFER FROM PRODUCTS LISTED HEREIN.PTPORCELAIN TILE

FINISH LEGEND

WALL FINISH BASE FINISH FLOOR FINIS CEILING FINIS

INTERIOR FINISH TAG, REFER TO DETAILS AND ROOM FINISH SCHEDULE

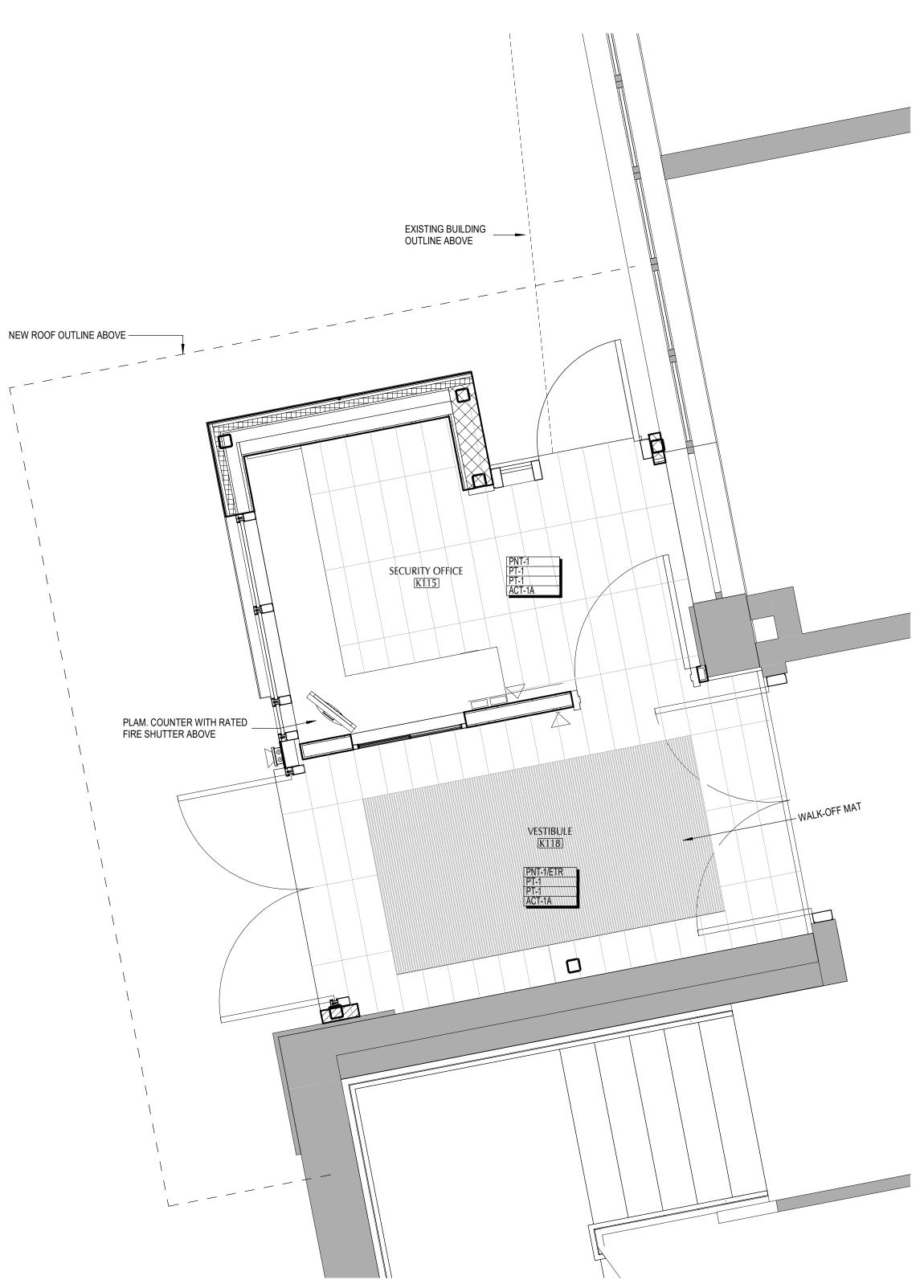
CHANGE IN FINISH MATERIAL

ABBREVIATIONS

			R	ROOM FIN	ISH SCHEDUL	E		
ROOM			FLO	OR				
NUMBER	ROOM NAME	ROOM STYLE	FINISH	BASE	WALL FINISH	ACCENT WALL	CEILING	COMMENTS
								_
K115	SECURITY OFFICE	(none)	PT-1	PT-1	PNT-1		ACT-1A	
K118	VESTIBULE	(none)	PT-1	PT-1	PNT-1/ETR		ACT-1A	UPDATED WORK

SCHEDULE OF FINISH MATERIALS						
TAG	MATERIAL	MANUFACTURER	STYLE / TYPE	COLOR	SIZE	NOTES
PT-1	PORCELAIN TILE	CREATIVE MATERIALS CORPORATION	MOSA. TERRA	LIGHT BEIGE (266)	8" x 24"	
CPT-8A	CARPET	TBD	TBD	TBD	TBD	
PNT-1	PAINT	TBD	TBD	TBD	TBD	
PLAM	PLASTIC LAMINATE	FORMICA		9684-58 NATURAL RECYCLED		
ACT-1A	ACT CEILING	ARMSTRONG	OPTIMA TEGULAR	WHITE	24" X 48"	SEISMIC RX SUSPENSION SYSTEM





EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT

.

 $M \equiv M \land S I$ 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

SEAL	
BID SET	01/03/2023
ISSUE	DATE
KEY PLAN	
L L	
	F F
	\sim 1
SED PROJECT NO.	66-03-01-03-0-002-011
MEMASI PROJECT NO.	102-2202
FIRST FL	OOR
FINISH PI	
MATERIA	L
SCHEDUL	_E
	001



GENERAL STRUCTURAL NOTES . ALL WORK SHALL CONFORM TO THE CODE & REFERENCE STANDARDS LISTED BELOW.

2. THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL M/E/P/S DRAWINGS (INCLUDING ALL CONTRACT SHOP DRAWINGS) AND EQUIPMENT MANUFÁCTURERS 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 PROCEED.

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 STRINGENT REQUIREMENTS SHALL GOVERN.

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.

BUILDING CODE & REFERENCED STANDARDS . [2020 INTERNATIONAL BUILDING CODE 2020 NEW YORK STATE BUILDING CODE] 2. ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

DESIGN CRITERIA 1. DEAD LOADS 2. FLOOR LIVE LOADS • CORRIDORS, 1ST FLOOR • ROOF LIVE LOAD	PER MATERIAL 100 PSF 20 PSF
3. SNOW LOADS GROUND SNOW LOAD, Pg = SNOW EXPOSURE FACTOR, Ce = SNOW LOAD IMPORTANCE FACTOR, Is = THERMAL FACTOR, Ct = DRIFT SURCHARGE LOAD, Pd = WIDTH OF SNOW DRIFT, w = FLAT-ROOF SNOW LOAD, Pf =	20 PSF 0.9 1.1 1.0 N/A N/A 22 PSF
4. WIND LOADS ULTIMATE DESIGN WIND SPEED, Vult. = RISK CATEGORY = EXPOSURE CATEGORY = INTERNAL PRESSURE COEFFICIENT = COMPONENT & CLADDING PRESSURE =	126 MPH III B 0.0018 35 PSF
5. SEISMIC LOADS RISK CATEGORY = SEISMIC IMPORTANCE FACTOR, Ie = SPECTRAL RESPONSE ACCEL, SHORT, Ss = SPECTRAL RESPONSE ACCEL, 1 SECOND, S1 = SITE CLASS = DESIGN SPECTRAL RESPONSE, Sds = DESIGN SPECTRAL RESPONSE, Sd1 = SEISMIC DESIGN CATEGORY BASIC SEISMIC FORCE-RESISTING SYSTEM = DESIGN BASE SHEAR = SEISMIC RESPONSE COEFFICIENT, CS = RESPONSE MODIFICATION COEFFICIENT, R = ANALYSIS PROCEDURE USED =	0.061 D 0.306 0.097 B

6. LATERAL EARTH PRESSURES EQUIVALENT LIQUID HEAD

AT REST

40 PSF 60 PSF

SPECIAL INSPECTIONS THE FOLLOWING WORK ITEMS REQUIRE SPECIAL INSPECTIONS IN ACCORDANCE WITH APPLICABLE BUILDING

APPLICABLE BUILDING CODE SECTION NOTED.	
ITEM	CODE SECTION
-STEEL CONSTRUCTION	BC 1705.2
–STRUCTURAL STEEL	BC 1705.2.1
-COLD-FORMED STEEL DECK	BC 1705.2.2

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

BEARING PRESSURE OF 1 TSF. 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 WEIGHT:
PASS 3 ½"	100
PASS 1 ½"	55-100
PASS ¾"	40-65
PASS ¼"	25-60
PASS #10	15-45
PASS #40	5-25
PASS #200	0-5

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.

6. THE COMPACTION EFFORT, WHERE REQUIRED, SHALL BE INSPECTED BY THE

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 RFVIFW.

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.

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. <u>CONCRETE</u>

"MINIMUM REQUIREMENTS FOR STRUCTURAL CONCRETE", LATEST EDITION. 2. CONCRETE MIX SHALL BE DESIGNED BY A CERTIFIED LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER.

THE FOLLOWING MIX	PARAMETERS SHALL BE	USED:
<u>ELEMENT</u>	<u>28 DAY STRENGTH</u>	<u>W/C</u>
FOOTINGS	4,000 PSI	0.45
FDN. WALLS	4,000 PSI	0.45
EXT. SLAB	4,000 PSI	0.45
STRUCT. SLABS	4,000 PSI	0.45

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 0.06.

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 REMOVED.

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 ½ 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.

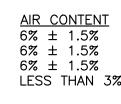
3. CONCRETE BLOCK SHALL BE HOLLOW LOAD BEARING MASONRY UNITS CONFORMING TO ASTM C90, TYPE N-1, WITH A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 1,900 PSI ACCORDING TO SECTION 2105.2.2.1.2 OF THE IBC. UNITS SHALL BE PROTECTED FROM MOISTURE ABSORPTION.

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 3/8" PEA GRAVEL. ADD WATER TO PRODUCE A FLOWABLE MIX WITH AN 8 TO 11 INCH SLUMP.

CONCRETE SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ACI-318,



LESS THAN 3%

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.

11. WALLS MARKED AS FIREWALL ON ARCH. DRAWING, OR WALLS WITHIN 8" OF 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 $3^{\circ}x^{\circ}$. The entire perimeter of the cell shall be fully BEDDED WITH MORTAR.

 CONSOLIDATE GROUT POURS EXCEEDING 12 INCHES IN HEIGHT BY MECHANICA 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.

MASONRY OPENING LINTELS HAVE BEEN DESIGNED ON THE BASIS OF ARCHING 16 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 IF THE WIND SPEED EXCEEDS 8 MPH.

STRUCTURAL STEEL		
1. STRUCTURAL STEEL SHAPES SHALL	HAVE THE FOLLOWING	PROPERTIES:
WIDE FLANGE	ASTM A992	(Fy= 50 KSI)
ANGLES & CHANNELS	ASTM A36	(Fy= 36 KSI)
PLATES	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 $\frac{3}{4}$ " ϕ 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:** MOMENT:

LRFD: Ø*Zxx*Fy (KIP-IN) ASD: Sxx*Fy/Ω SHEAR:

LRFD & ASD: 2*Zxx*FY/(Ω*BEAM LENGTH)

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

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 - C.I.P.=CAST-IN-PLACE 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 $\frac{5}{8}$ " ϕ PUDDLE WELDS AT 1'-0" O.C. INTERMEDIATE SIDE CONNECTIONS SHALL BE MADE WITH #10 SELF-TAPPING SCREWS AT A MIDSPAN OR 3'-O" 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.

<u>OLD-FORMED STEE</u> . DESIGN, FABRICATION, AND ERECTION OF COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION, BY THE AMERICAN IRON AND STEEL INSTITUTE AND THE SPECIFICATIONS OF THE MANUFACTURER OF THE COLD-FORMED STEEL.

2. SECTION PROPERTIES SHALL CONFORM TO THE "PRODUCT TECHNICAL INFORMATION" PROVIDED BY THE SSMA (STEEL STUD MANUFACTURER'S ASSOCIATION).

3. ALL STUDS, JOISTS, AND ACCESSORIES SHALI BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A653 WITH A MINIMUM YIELD AS FOLLOWS: 54 MILS OR HEAVIER: 50 KSI 33 OR 43 MILS: 33 KSI

4. SHOP DRAWINGS SHALL INDICATE LAYOUTS, SPACING, SIZES, THICKNESS AND TYPES OF COLD-FORMED STEEL FRAMING, FABRICATION, FASTENING AND ANCHORAGE - JST.=JOIST DETAILS. INCLUDING MECHANICAL FASTENERS. SHOW REINFORCING CHANNELS. OPENINGS, SUPPLEMENTAL FRAMING, STRAPPING, BRACING, BRIDGING, SPLICES, ACCESSORIES, CONNECTION DETAILS AND ATTACHMENT TO ADJOINING WORK. FORD COLD-FORMED STEEL FRAMING INDICATED TO COMPLY WITH DESIGN LOADS, SUBMIT STRUCTURAL ANALYSIS DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL

ENGINEER RESPONSIBLE FOR THEIR PREPARATION. 5. TOUCH-UP PAINT: IMMEDIATELY AFTER FABRICATION AND ERECTION, CLEAN WELDS, FASTENERS AND DAMAGED GALVANIZED SURFACES. TOUCH-UP AND REPAIR SURFACES WITH GALVANIZED REPAIR PAINT IN ACCORDANCE WITH ASTM A780 (MINIMUM DRY FILM THICKNESS OF 2 MILS).

6. CONNECTIONS SHALL BE ACCOMPLISHED WITH A MINIMUM OF FOUR (4) NO. 12-16 SELF-TAPPING SCREWS SO THAT THE CONNECTION MEETS OR EXCEEDS THE DESIGN LOADS REQUIRED AT THAT CONNECTION. SCREW SPACING AND EDGE DISTANCE SHALL NOT BE LESS THAN 1 INCH. MINIMUM CONNECTION ANGLE THICKNESS SHALL BE 18 GAGE.

7. TRACK MEMBERS SHALL BE 18 GAGE MINIMUM, SECURELY ANCHORED TO ADJACENT STRUCTURE OR MEMBER.

8. JOISTS SHALL HAVE MECHANICAL BRIDGING AT INTERVALS NOT EXCEED 7'-0" O.C. BEARING WALLS SHALL HAVE MECHANICAL BRIDGING AT INTERVALS NOT TO EXCEED 5'-0" O.C. USE BLOCKING AT ENDS OF BRIDGING LINES.

9. ALLOW FOR ADDITIONAL JOISTS AS REQUIRED FOR MISCELLANEOUS OPENINGS NOT SHOWN BUT REQUIRED. 10. PROVIDE WEB STIFFENERS AT ALL REACTION POINTS FOR I-SHAPED AND BOX HEADERS AND WHERE INDICATED ON THE DRAWINGS. 11. PROVIDE DOUBLE STUDS BELOW ALL I-SHAPED AND BOX HEADER REACTION POINTS WITHIN STUD WALL CONSTRUCTION.

2. ALL STEEL DECK SHALL BE MANUFACTURED BY UNITED STEEL DECK, INC., OR

STRUCTURAL ABBREVIATIONS - A.B.=ANCHOR BOLT B.=BOTTOM - B/=BOTTOM OF BM.=BEAM BRG.=BEARING - BLK.=BLOCK - B.O.F.=BOTTOM OF FOUNDATION BOT.=BOTTOM - B.P.=BASE PLATE BRKT.=BRACKET CANT.=CANTILEVER - CLR.=CLFAR - COL.=COLUMN CONC.=CONCRETE - C.M.U.=CONCRETE MASONRY UNIT - CONST. JT.=CONSTRUCTION JOINT CONT.=CONTINUOUS - C.J.=CONTROL JOIN DEPR.=DEPRESSION DET.=DETAIL D.L.=DEVELOPMENT LENGTH – DIA.=DIAMETER DIM.=DIMENSION - DIR.=DIRECTION - DWLS.=DOWELS - FA.=FACH - E.E.=EACH END - E.F.=EACH FACE E.J.=EXPANSION JOINT E.S.=EACH SIDE EQ.=EQUAL - E.W.=EACH WAY - EXIST.=EXISTING – FXST.=FXISTINC EXP. BOLT=EXPANSION BOLT - EXP.JT.=EXPANSION JOINT - F.F.=FAR FACE - FT.=FOOT OR FEET – FIN.=FINISH – FL.=FLOOR FTG.=FOOTING FND.=FOUNDATION – GALV.=GALVANIZEE - GA.=GAUGE - GR.=GRADE G.B.=GRADE BEAM G.P.=GUSSET PLATE – HI.=HIGH – H.L.=HUNG LINTEL HT.=HEIGHT - H.P.=HIGH POINT H.S.=HIGH STRENGTH - H.E.F.=HORIZONTAL EACH FACE - H.I.F.=HORIZONTAL INSIDE FACE - H.O.F.=HORIZONTAL OUTSIDE FACE HOR.=HORIZONTAL - IN.=INCH - I.D.=INSIDE DIAMETER INV.=INVERT - JT.=JOINT - K.=KIP (1000 POUNDS) - LO.=LOW STRUCTURAL SYMBOLS

MOMENT CONNECTION

COLUMN ABOVE

COLUMN BELOW

STEEL COLUMN

SPAN DIRECTION

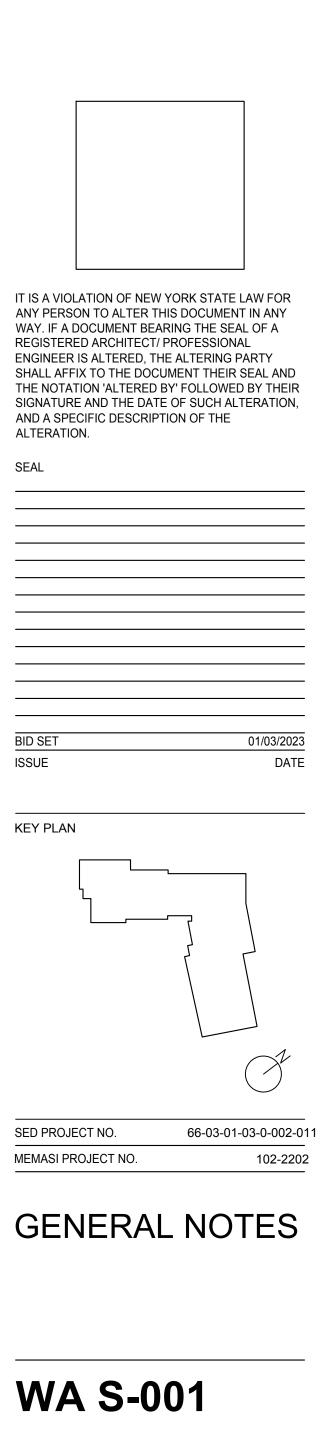
- STEEL BEAM PENETRATION

CHANGE IN STRUCTURE ELEVATION

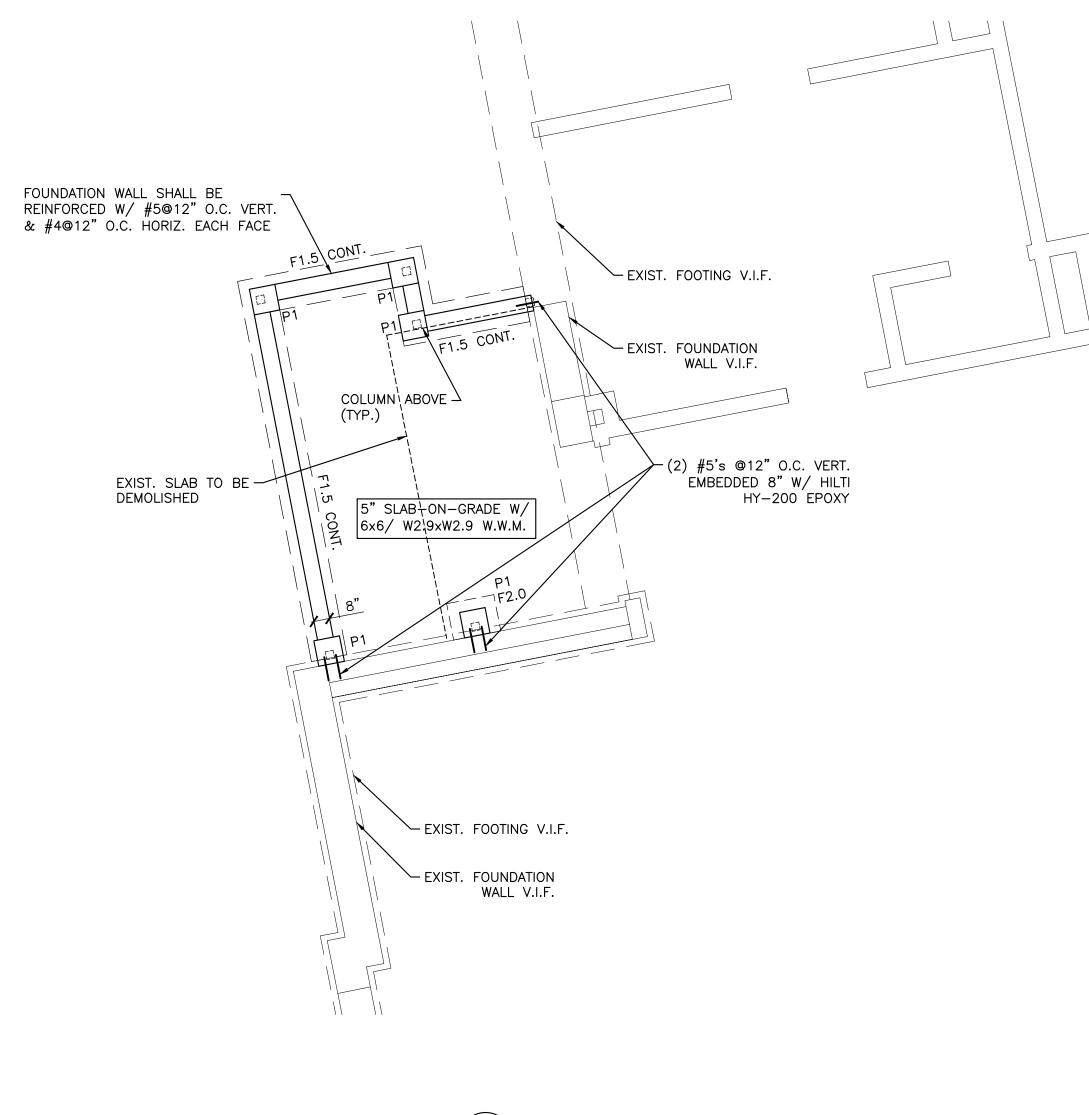
- L.W.=LIGHT WEIGHT - L.W.C.=LIGHT WEIGHT CONCRETE - L.L.V.=LONG LEG VERTICAL - L.P.=LOW POINT – MAS.=MASONRY MTL.=METAL - NF.=NEAR FACE - N.W.C.=NORMAL WEIGHT CONCRETE N.I.C.=NOT IN CONTRACT - O.C.=ON CENTER - O.D.=OUTSIDE DIAMETER - OPNG.=OPENING - P.C.=PILE CAP – PL.=PLATE - PT.=POINT – P.T.=PRESSURE_TREATED – PVC.=POLYVINYL CHLORIDE - PSF.=POUNDS PER SQUARE FOOT - PSI.=POUNDS PER SQUARE INCH R.=RADIUS - REINF.=REINFORCED - RETG.=RETAINING RET.=RETURN - R.E.=RIGHT END - SECT.=SECTION - S.C.=SHEAR CONNECTOR SHT.=SHEET - S.L.V.=SHORT LEG VERTICAL – SIM.=SIMILAR - S.O.G.=SLAB ON GRADE S.L.=SPLICE LENGTH SQ.=SQUARE - STD.=STANDARD STL.=STEEL - S.D.I.=STEEL DECK INSTITUTE - S.F.=STEP FOOTING OR SQUARE FOOT – STIFF.=STIFFENER STR.=STRUCTURAL – SUP.=SUPPORT SYM.=SYMMETRICAL - THK.=THICK OR THICKNESS – THRD.=THREADED - T&B.=TOP AND BOTTOM – T.=TOP - T/=TOP OF - TO.=TOP OF - T.O.C.=TOP OF CONCRETE - T.O.F.=TOP OF FOUNDATION - T.O.S.=TOP OF STEEL - T.O.W.=TOP OF WALL - TYP.=TYPICAL U.N.O.=UNLESS NOTED OTHERWISE U.O.N.=UNLESS OTHERWISE NOTED – US.=UNDERSIDE - V.E.F.=VERTICAL EACH FACE - V.I.F.=VERIFY IN FIELD - V.O.F.=VERTICAL OUTSIDE FACE - W.W.F.=WELDED WIRE FABRIC - W.W.M.=WELDED WIRE MESH – W∕=WITH W.P.=WORKING POINT

EASTCHESTER UNION FREE SCHOOL DISTRICT					
2022 CAPITAL BOND PROJECT PHASE 2					
WAVERLY ELEMENTARY SCHOOL					
ARCHITECT ARCHITECT Image: Architect 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM					
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850					
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762					
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905					
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324					
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119					
LIGHTING CONSULTANT					

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

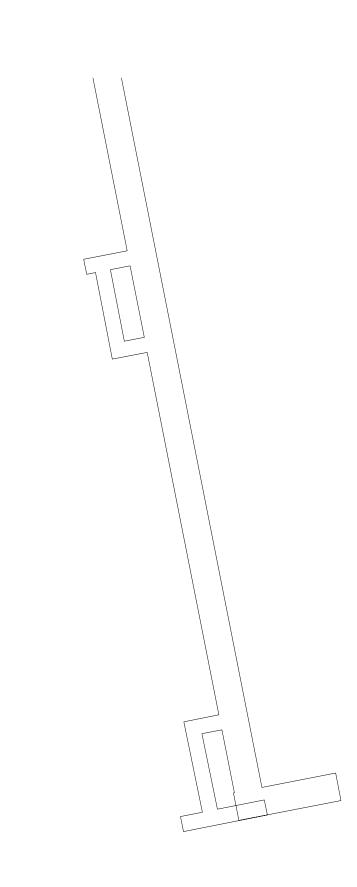


^{© 2022} MEMASI. ALL RIGHTS RESERVED



FOUNDATION PLAN FO-100 SCALE: 1/4" = 1'-0" NOTES: 1. FOUNDATION WALL SHALL BE REINFOR

NOTES: 1. FOUNDATION WALL SHALL BE REINFORCED W/ #5@12" 0.C. VERT. & #4@12" O.C. HORIZ. EACH FACE. 2. SEE FOOTING SCHEDULE FOR SIZE AND REINFORCEMENT.



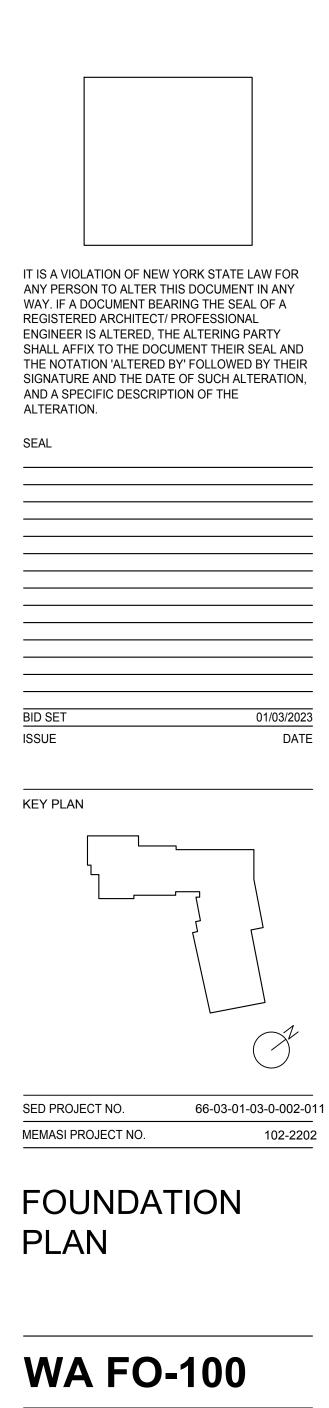
 $\langle \rangle$

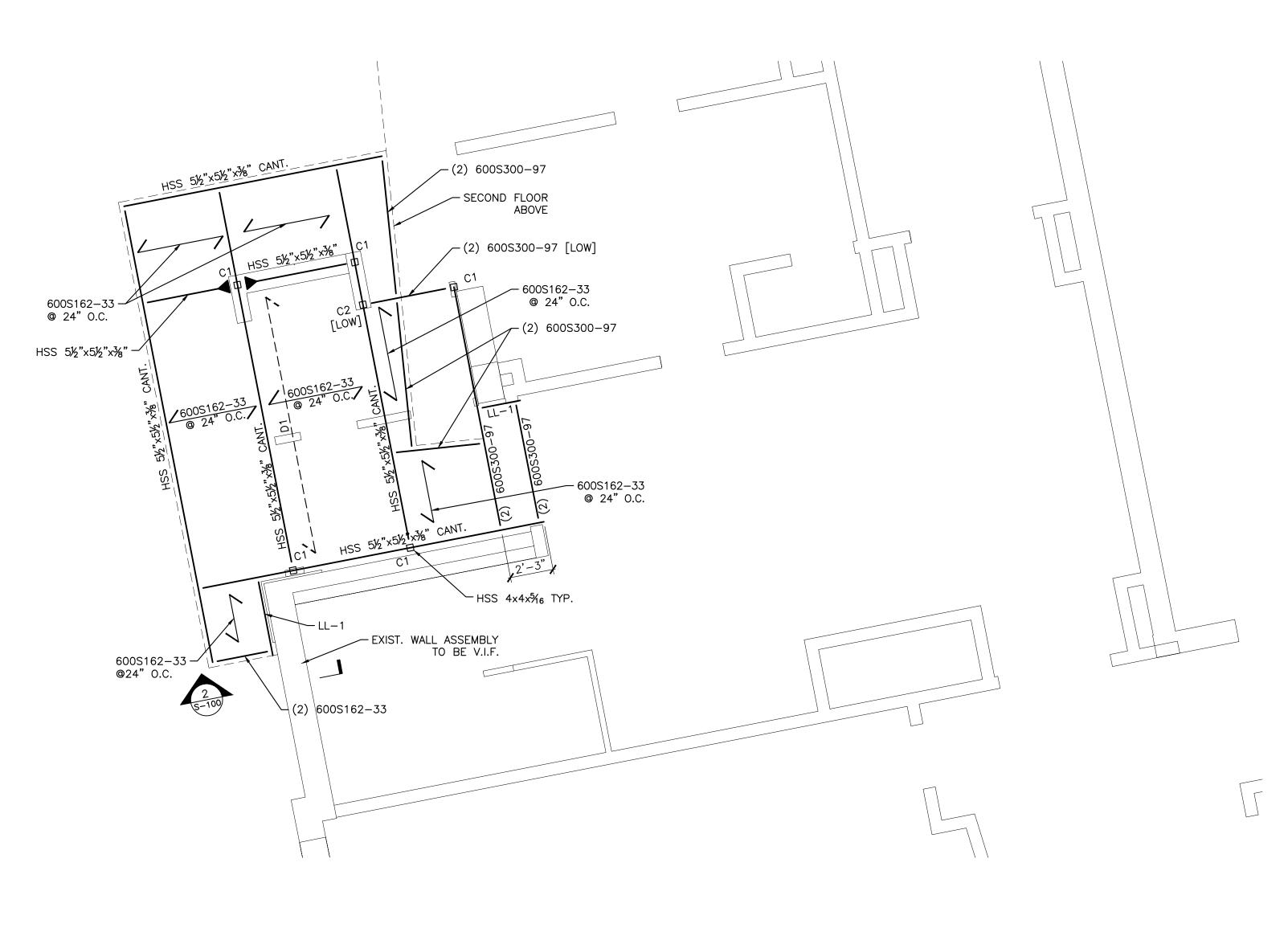
FOOTING SCHEDULE						
	SIZE	REINFORCEMENT		REMARKS		
MARK	(WxL)	LONG DIR.	SHORT DIR.	REMARKS		
F1.5 CONT.	1'-6"xCONT.x1'-0"	2-#5	#5@12"O.C.	N/A		
F2.0	2'-0"x2'-0"x1'-6"	4-#5	4—#5	N/A		

PIER SCHEDULE						
	SIZE		REINFORCEMENT		REMARKS	
MARK	WIDTH	LENGTH	VERT.	STIRRUPS	REMARKS	
P1	1'-1"	1'-1"	6-#5	#4@12"O.C.	N/A	

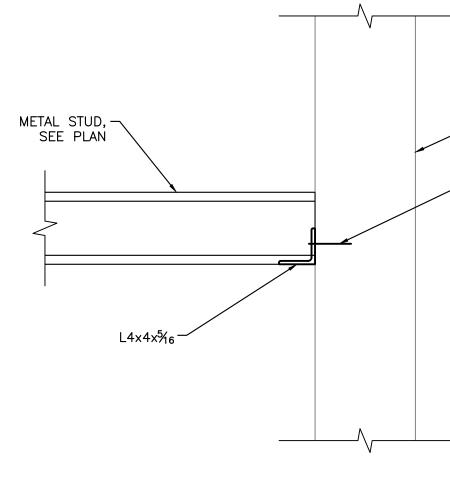
EASTCHESTER UNION FREE SCHOOL DISTRICT					
2022 CAPITAL BOND PROJECT PHASE 2					
WAVERLY ELEMENTARY SCHOOL					
ARCHITECT					
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850 STRUCTURAL CONSULTANT					
REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 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





1 SECOND FLOOR FRAMING PLAN SCALE: 1/4" = 1'-0"NOTES: 1. " \leftarrow -P1-----" INDICATES 1.5" B 24 GA. METAL DECK. 2. "C1" INDICATES HSS $4 \times 4 \times \frac{5}{16}$ STEEL COLUMN. 3. "C2" INDICATES (2) 2" $\times 6$ " $\times 18$ GA CF STUDS.



2 STUD SUPPORT DETAIL S-100 scale: n.t.s.

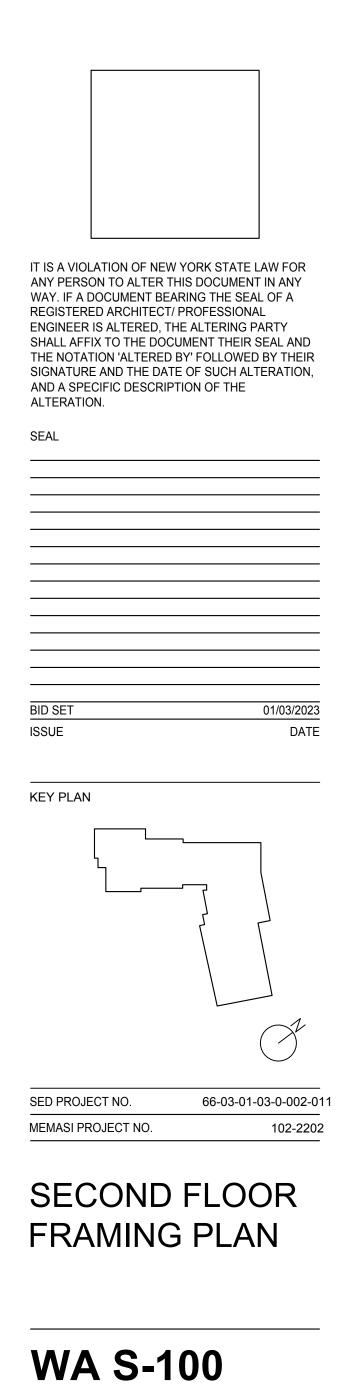
LINTEL SCHEDULE							
MARK	SIZE	END BEARING	REMARKS				
LL—1	L4"x4"x5∕16"	N/A	FASTENED @ 16" O.C. (3 FASTENERS MINIMUM)				

- EXIST. WALL ASSEMBLY TO BE V.I.F.

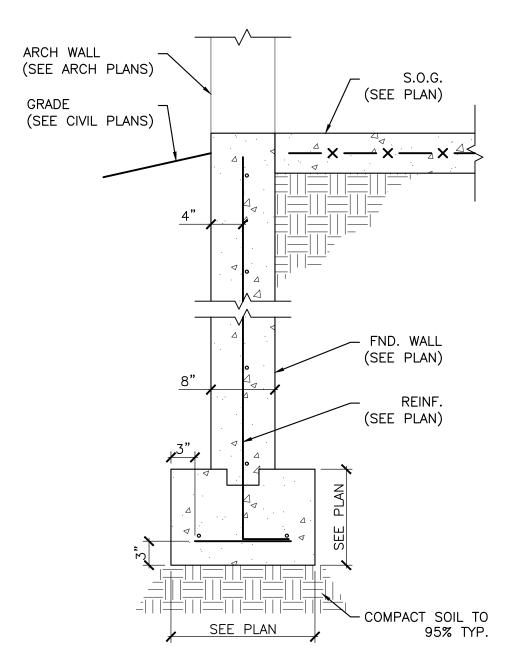
- THREADED ROD, SEE PLAN

EASTCHESTER UNION FREE SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT ARCHITECT 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905 SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119
LIGHTING CONSULTANT

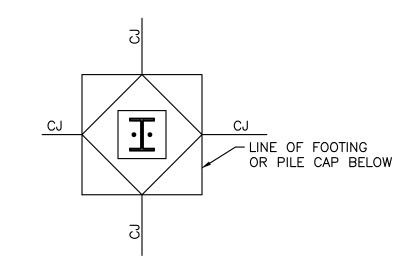
GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221



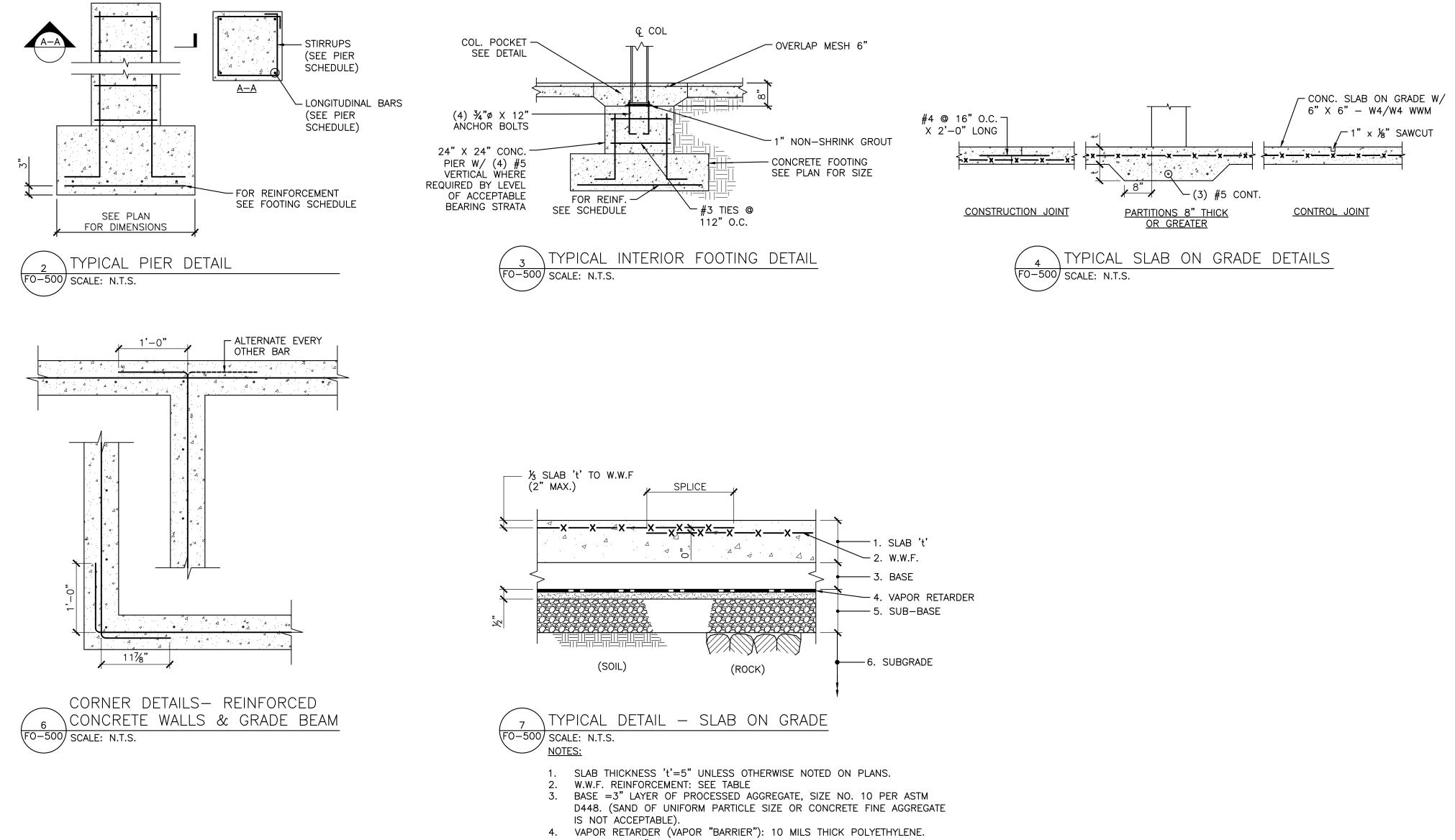
^{© 2022} MEMASI. ALL RIGHTS RESERVED.



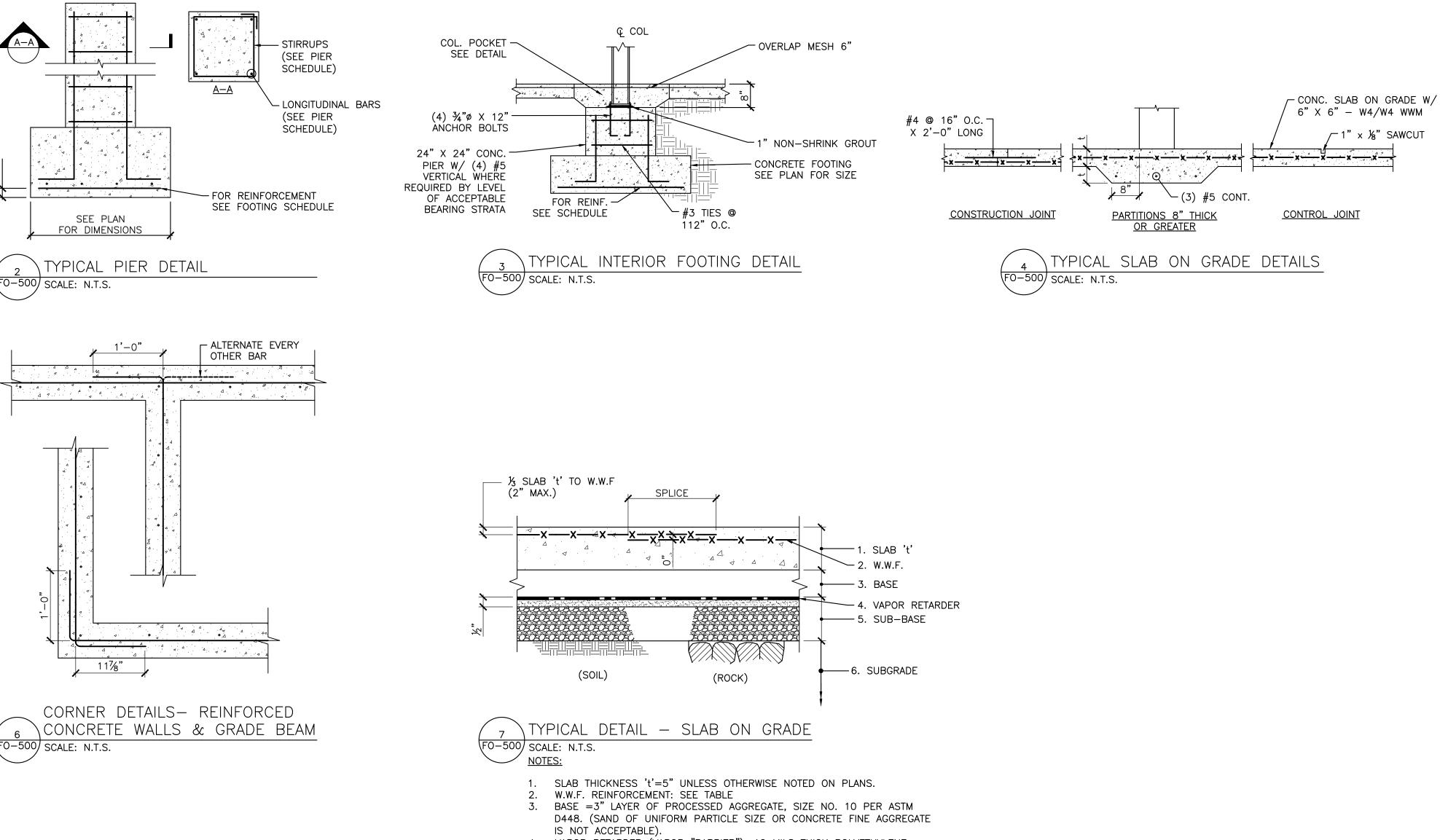
TYPICAL FOUNDATION DETAIL 1 F0-500 SCALE: N.T.S.







(FO-500) SCALE: N.T.S.

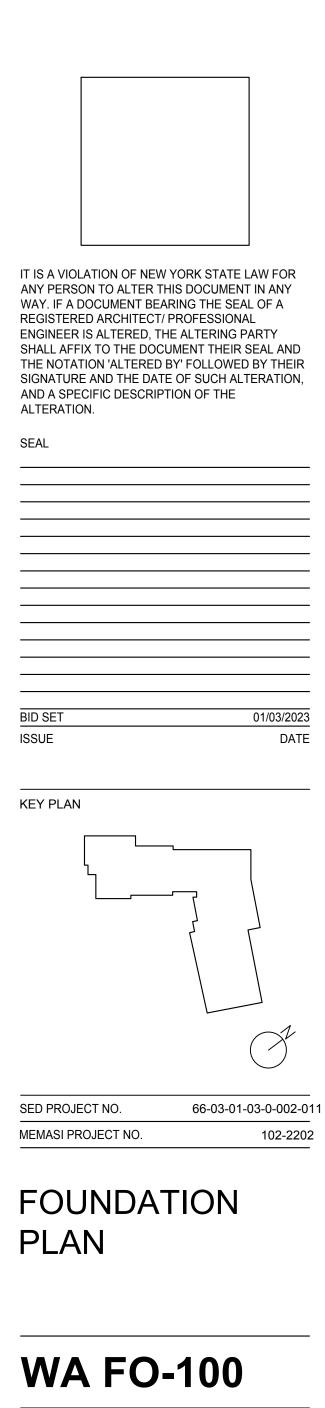


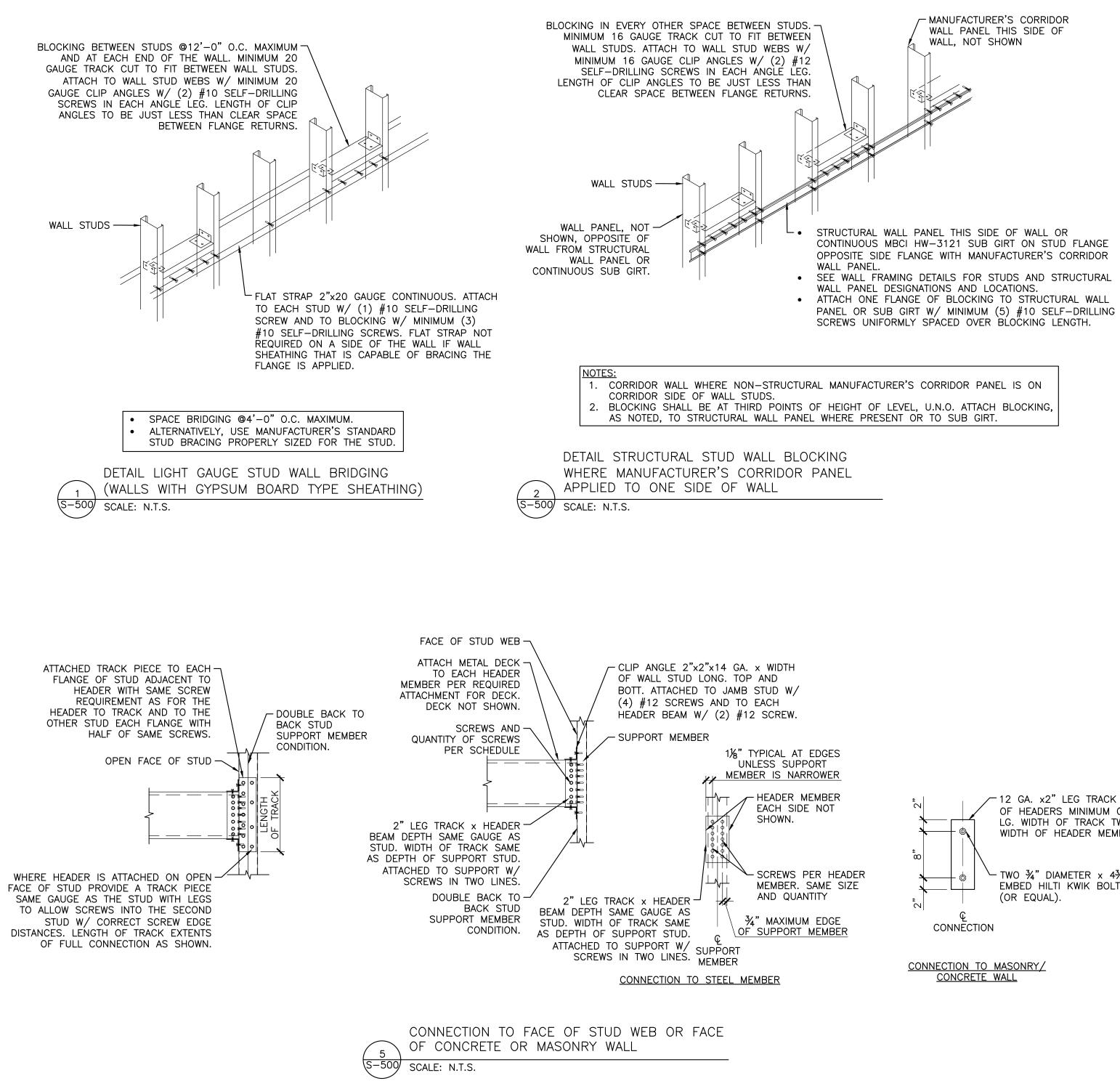
5. SLAB BASE: 4" LAYER OVER SOIL, OVER ROCK SUBGRADE, COMPACTABLE GRANULAR FILL. COVER ROUGH FILL WITH ½" OF BASE AGGREGATE AND

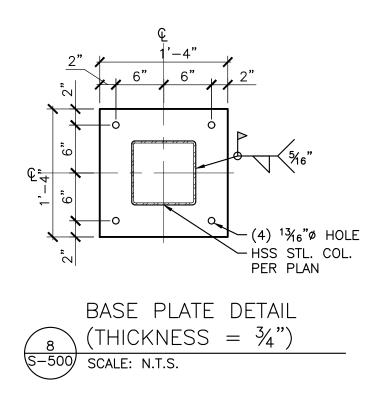
COMPACT IT ONTO SUBBASE. 6. SUBGRADE: COMPACTED FILL, BACKFILL OR UNDISTURBED SOIL, OR LEVELED ROCK SURFACE.

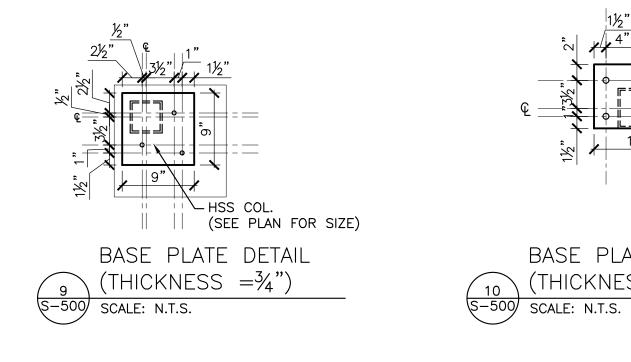
EASTCHESTER UNION FREE SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762
MEP CONSULTANT STANTEC 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

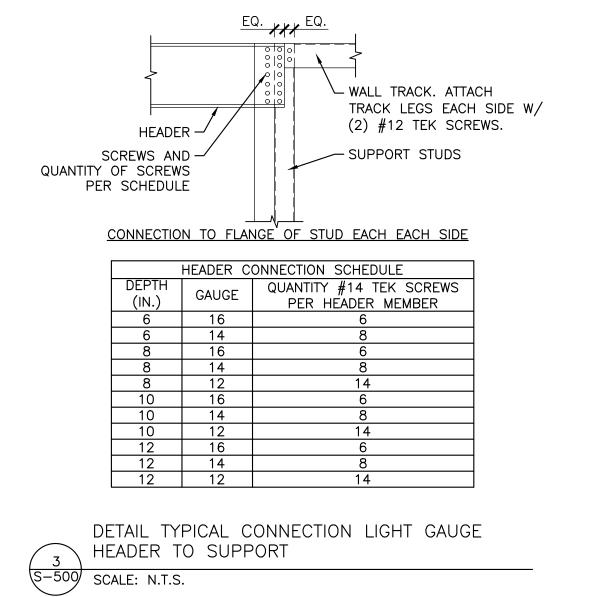
GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221



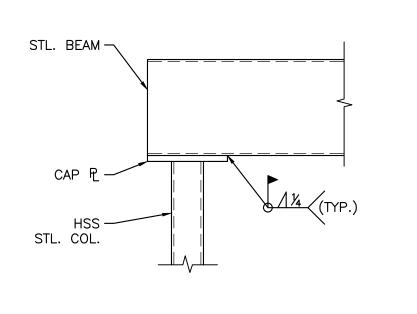








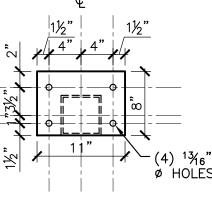
✓ 12 GA. x2" LEG TRACK x DEPTH OF HEADERS MINIMUM OF 1'-0" LG. WIDTH OF TRACK TWICE THE WIDTH OF HEADER MEMBERS - TWO $\frac{3}{4}$ " DIAMETER x $4\frac{3}{4}$ " EMBED HILTI KWIK BOLT 3



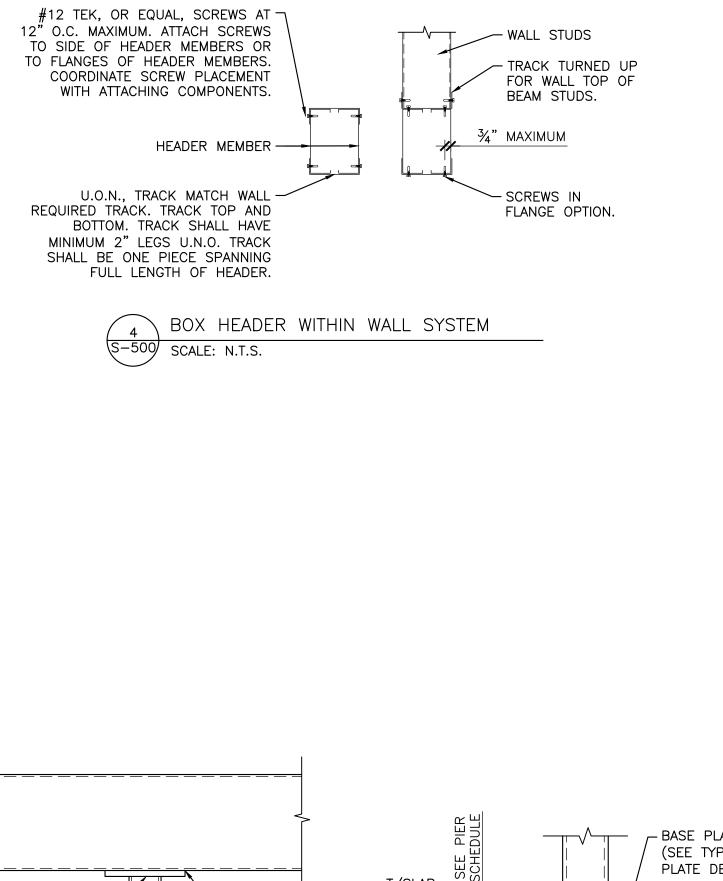
CAP F

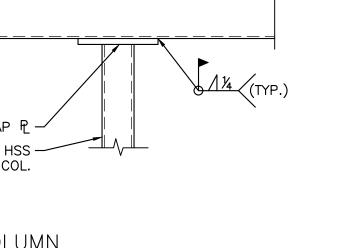
STL. COL.

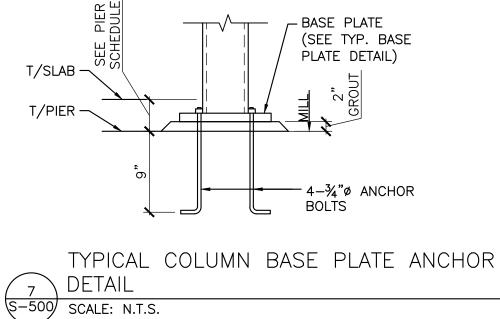
TYPICAL BEAM TO HSS COLUMN CONNECTION DETAIL S-500 SCALE: N.T.S.



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

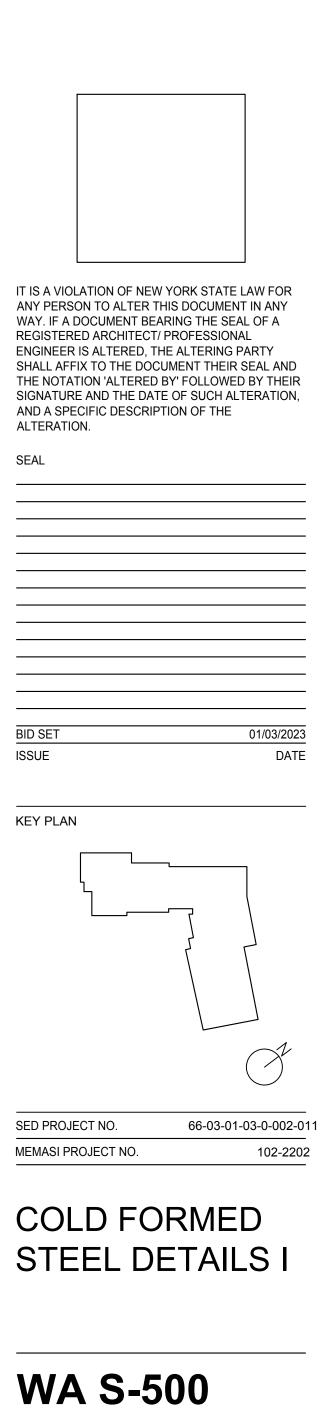






EASTCHESTER UNION FREE SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT ARCHITECT 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

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



^{© 2022} MEMASI. ALL RIGHTS RESERVED.

N	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
	EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED
	RELOCATED POSITION OF EXISTING EQUIPMENT
 ,	CONTINUATION FOR DUCTWORK OR PIPING
AHU-1	-TYPE OF EQUIPMENT (AIR HANDLING UNIT)
	-UNIT NUMBER
•	POINT OF CONNECTION (OF NEW WORK TO EXISTING WORK) OR POINT OD DISCONNECTION (TO REMOVE AND PATCH EXISTING WORK)
<₽	DRAWING NOTE TAG
	REVISION SYMBOL
	SECTION DESIGNATION ON DRAWING WHERE SECTION IS CUT
A B	A – SECTION DESIGNATION B – DRAWING NO.
T	THERMOSTAT (HAS DISPLAY, OCCUPANT ADJUSTMENT, OR BOTH) TO BE WALL MOUNTED. REFER TO PLANS FOR LOCATION.
TS	TEMPERATURE SENSOR (HAS NO DISPLAY OR OCCUPANT ADJUSTMENT) T BE WALL OR 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)
, <u>18</u> ø	× 18ø ×	ROUND DUCT DIAMETER
		SUPPLY OR OUTSIDE AIR INTAKE DUCT UP
[×]	×	SUPPLY OUTSIDE AIR INTAKE DUCT DOWN
		RETURN OR EXHAUST DUCT UP
Ţ,		RETURN OR EXHAUST DUCT DOWN
5	 	ACOUSTICAL LINING IN DUCT
		TRANSITION FROM RECTANGULAR TO ROUND OR OVAL DUC
5 AD		ACCESS DOOR IN DUCT
,R ,		SLOPING RISE IN DUCT IN DIRECTION OF ARROW
▶		SLOPING DROP IN DUCT IN DIRECTION OF ARROW
<u>۲</u>		MITERED ELBOW WITH TURNING VANES
<u>ب</u>	₽ ₽	RADIUS ELBOW (INNER RADIUS = WIDTH)
<u>ب ز</u>		DUCT SPLIT
<u>ب ز</u>		90° BRANCH TAP (USE 45° BOOT, OR CONICAL TAP FOR BRANCH SERVING A SINGLE DIFFUSER/REGISTER ONLY)
ب <i>ک</i> ر		45° BRANCH TAP
,	E C	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
ب_ر	₽ Ţ	OFFSET (WITH RADIUS ELBOWS)
∽ ->		SUPPLY REGISTER
╘╌┤╼╌		RETURN OR EXHAUST REGISTER
، ارسا		VOLUME DAMPER
5 5 FD		FIRE DAMPER W/DUCT ACCESS DOOR (FD/AD)
, , , , , , , , , , , , , , , , , , , 		MOTORIZED DAMPER W/DUCT ACCESS DOOR
FXC 5IIIII5	FXC FXC	FLEXIBLE CONNECTION
		FLEXIBLE DUCT
		MODULAR LINEAR DIFFUSER WITH PLENUM
<u> </u>		

BRANCH TAKEOFF TO CEILING DIFFUSER/REGISTER

MECH	ANICAL S	YMBOLS - DUCTWORK (CONT.)	ME	CHANICAL SYMBOLS - PIPING (CONT.)
•			н/сws	
	SUPPLY CEILIN	G DIFFUSER (4–WAY BLOW)	>> H/CW3 → >> H/CWR →	
- X	SUPPLY CEILIN	G DIFFUSER (3-WAY BLOW)	∽CHWS—	CHILLED WATER SUPPLY
			∽CHWR—	CHILLED WATER RETURN
	SUPPLY CEILIN	G DIFFUSER (2-WAY BLOW)	⊱—Hws—	HOT WATER SUPPLY
	SUPPLY CEILIN	G DIFFUSER (1-WAY BLOW)	5	HOT WATER RETURN
CD-B(500)		AND CFM (CUBIC FEET PER MINUTE). REFER TO	⊱LPS	LOW PRESSURE STEAM SUPPLY
	SCHEDULE.	G GRILLE OR REGISTER	└──LPR───	LOW PRESSURE STEAM CONDENSATE RETURN
		(CV, VAV, FP). DESIGNATION INDICATES TYPE, BOX	۶	CONDENSATE DRAIN LINE (GRAVITY)
VAV-B(500)		1. QUANTITY (REFER TO SCHEDULES). WITH REHEAT COIL (CV, VAV, FP). DESIGNATION INDICATES	۶	PUMPED DRAIN LINE
VAV-B(500)	TYPE, BOX SIZ	E AND CFM. QUANTITY (REFER TO SCHEDULES).		
∽ SA →		SUPPLY AIR DUCT		MECHANICAL ABBREVIATIONS
∽ RA →		RETURN AIR DUCT	ACU	AIR CONDITIONING UNIT
∽ OA — √		OUTSIDE AIR INTAKE DUCT	AD AHU	ACCESS DOOR AIR HANDLING UNIT
S-EXH	F EXH F	EXHAUST DUCT	ATC	AUTOMATIC TEMPERATURE CONTROL
			BMS	BUILDING MANAGEMENT SYSTEM
M	ECHANIC	AL SYMBOL LIST - PIPING	BTU	BRITISH THERMAL UNIT
≻ →		DIRECTION OF FLOW IN PIPE	CFM CV	CUBIC FEET PER MINUTE CONSTANT VOLUME
~ ~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		PITCH PIPE DOWN IN DIRECTION OF ARROW	DX	DIRECT EXPANSION
		ELBOW TURNED UP	EAT	ENTERING AIR TEMPERATURE
			ER	EXISTING EQUIPMENT TO REMOVED
←		ELBOW TURNED DOWN	ERR	EXISTING EQUIPMENT TO REMOVED AND RELOCATED
· ÷ ÷		BOTTOM PIPE CONNECTION	EWT FLA	ENTER WATER TEMPERATURE FULL LOAD AMPS
→ →			FPI	FIN PER INCH
		TOP PIPE CONNECTION	FTR	FIN TUBE RADIATION
	E STATION	FLEXIBLE CONNECTION	GPM	GALLONS PER MINUTE
		BALL VALVE	HX	HEAT EXCHANGER
	·□□□□		HZ	HERTZ KILOWATT
		GATE VALVE	LAT	LEAVING AIR TEMPERATURE
≻−− ×		GLOBE VALVE	MBH	THOUSAND BTU PER HOUR
		CHECK VALVE (ARROW INDICATES FLOW DIRECTION)	MCA NC	MINIMUM CIRCUIT AMPS NORMALLY CLOSED
		CHECK VALVE (ARROW INDICATES FLOW DIRECTION)	NIC	NOT IN CONTRACT
<u>≻</u>		AUTOMATIC THREE-WAY CONTROL VALVE	NK	NECK SIZE
~			NO	NORMALLY OPEN
┟──छि──┤		AUTOMATIC TWO-WAY CONTROL VALVE	NTS OED	OPEN END DUCT
, <u> </u>		PRESSURE REDUCING VALVE	PH	PHASE
			PSI	POUND PER SQUARE INCH
<u>}</u>		PLUG VALVE	PSIA PSIG	POUNDS PER SQUARE INCH ABSOLUTE POUNDS PER SQUARE INCH GAUGE
		BUTTERFLY VALVE (MANUAL)	RE	RELOCATED POSITION OF EXISTING EQUIPMENT
			RE:	REFER TO
	5	CIRCUIT SETTER/BALANCING VALVE	TYP	TYPICAL
		PIPE GUIDE	VN V	VENT
			VFD	VARIABLE FREQUENCY DRIVE
نـــــ	E B	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
		UNION		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
		CAPPED PIPE		NEW YORK STATE ENERGY CODES
		"Y" TYPE STRAINER WITH BLOW DOWN VALVE	•	2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE 2016 ASHRAE 90.1
		PIPE SLEEVE		REFERENCED STANDARDS
	PIPE FLANGE			
	VALVE IN VERT	ICAL PIPE		EFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE CODES. THE LIST QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.
<u> </u>	MANUAL AIR VI			2016 NPFA 13 — STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS 2016 NFPA 14 — STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
	AUTOMATIC AIR		•	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
			· ·	
	THERMOMETER			MECHANICAL DRAWING LIST
	PIPE SENSOR	WELL	Sheet NumberSWA M001C	Sheet Title COVER SHEET
	PRESSURE GAL	JGE WITH SHUT OFF VALVE		FIRST FLOOR VESTIBULE PARTIAL PLANS
	PUMP			DETAILS
	1			

THESE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE OF WORK AS WELL AS INDICATE GENERAL ARRANGEMENT OF EQUIPMENT. INCREASED TO ACCOMMODATE LINING.

AND THE EQUIPMENT. CONSTRUCTION.

FNGINFFR.

FOR ANOTHER TRADE.

SPECIFICATIONS.

DRAWINGS.

NOTED.

IN THE FACILITY.

MECHANICAL GENERAL NOTES

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 CEILING INSERTS.
- 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
- CONDITIONS. 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. 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, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH 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. 46. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR DRAINING DOWN, FLUSHING CLEAN,
- AND RE-FILLING THE HVAC HOT WATER AND CHILLED WATER SYSTEMS FOR THE BUILDING, TO FACILITATE MODIFICATIONS TO PIPING AND EQUIPMENT. COORDINATE AND SCHEDULE THIS WORK WITH THE OWNER. ASSUME THIS WORK WILL BE PERFORMED OUTSIDE OF BUSINESS HOURS.

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 CONDITION.
- 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.
- 11. 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 OWNER.
- 12. 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.
- 14. 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.

- 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
- 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
- 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
- . 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
- 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
- 31. COORDINATE ALL ROOF PENETRATIONS WITH THE WORK OF OTHER SECTIONS AND WITH FLASHING REQUIREMENTS. COORDINATE ALL ROOF PENETRATION LOCATIONS WITH

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT $M = M \wedge S$

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

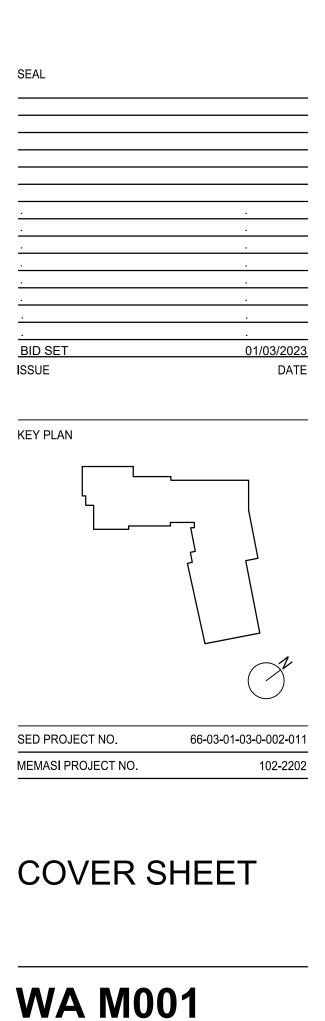
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

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

HAZARDOUS MATERIALS CONSULTANT

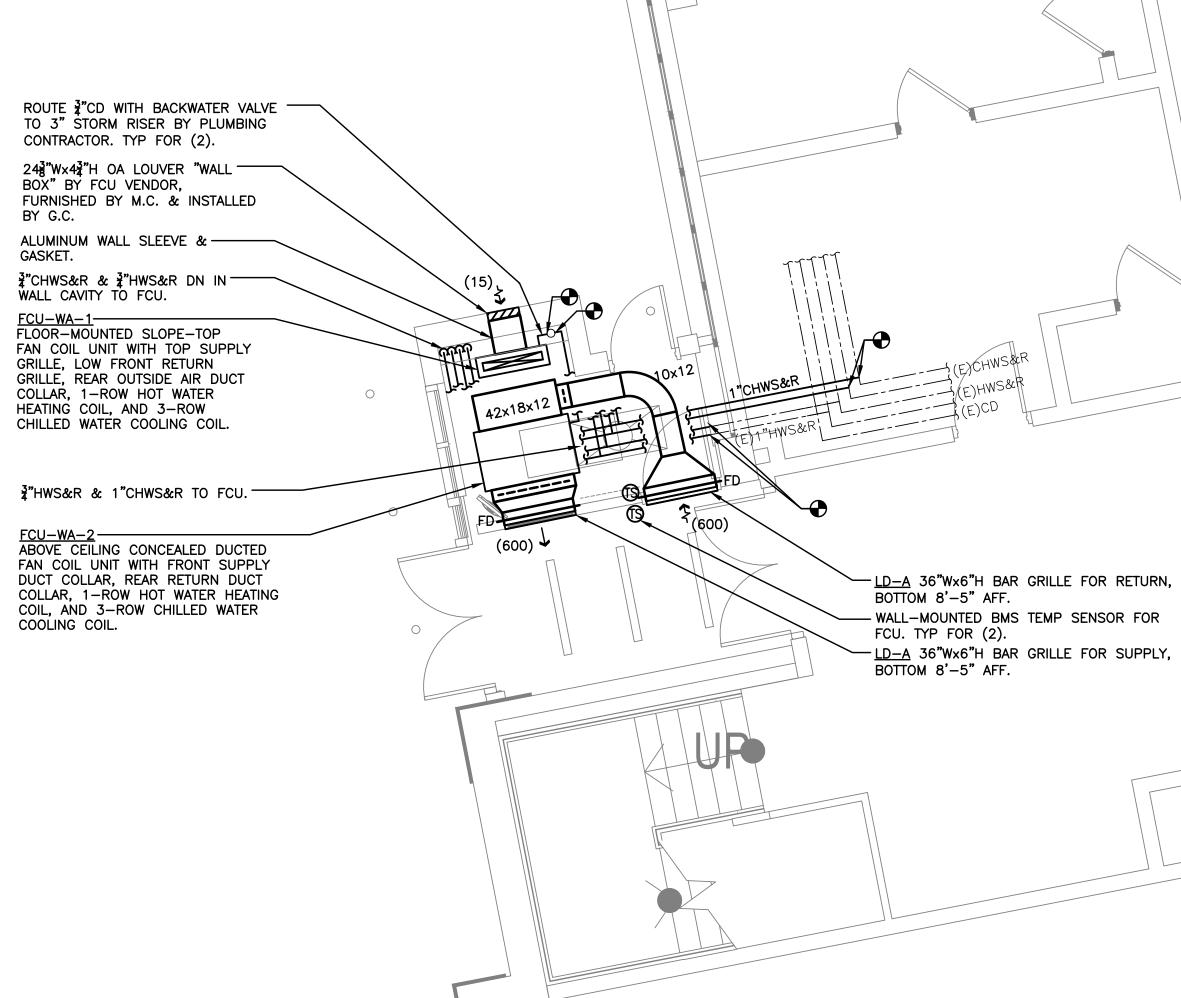
ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

WSP

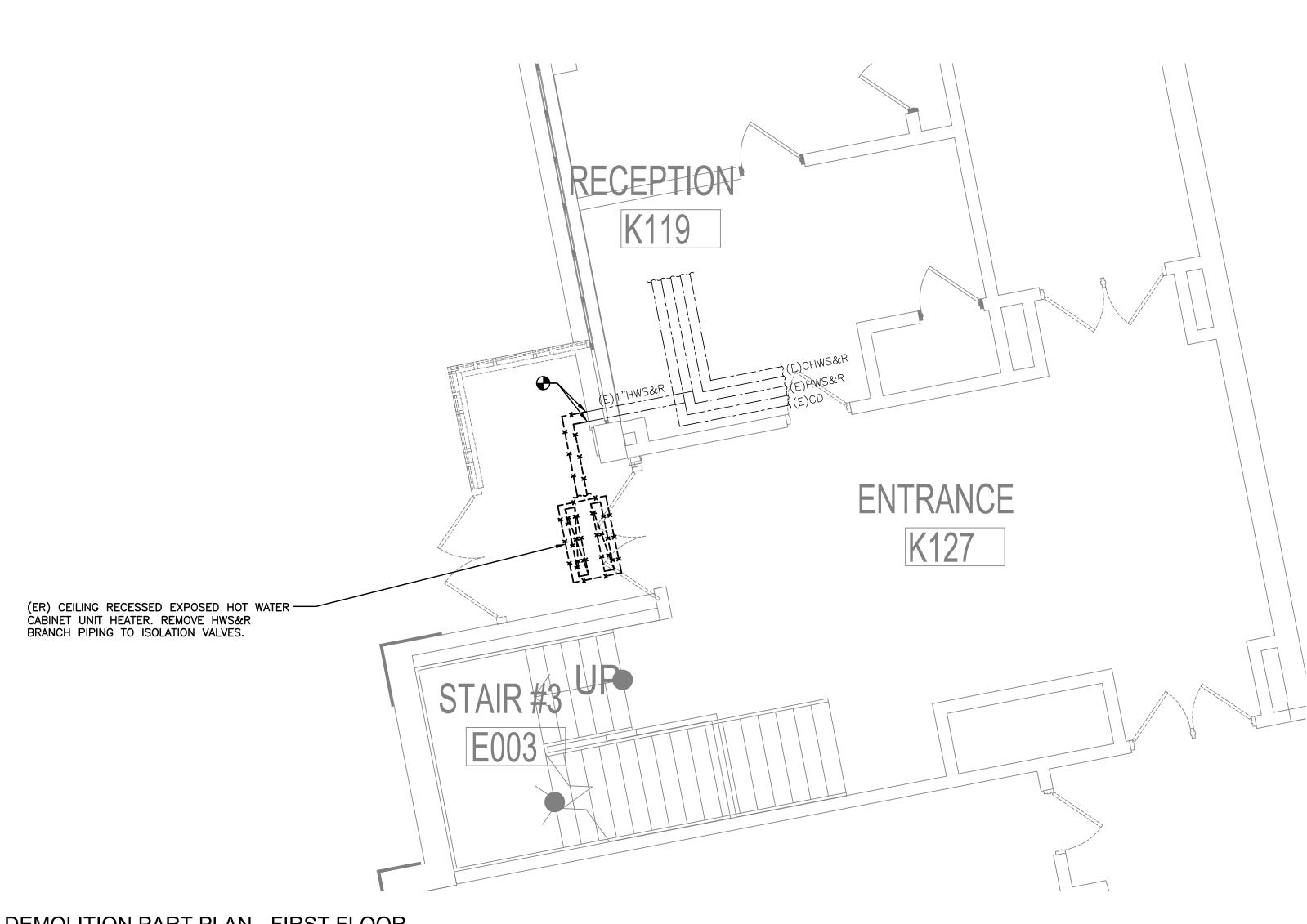




/30/2022 12:39 AM Reiss, Jeremy U:\223030829\D_WORKING_FILES\00_MEP\02_CAD\PHASE_2_EUFSD_VESTIBULES\SHEETS\WA\223030829_WA_M101.DWC



PART PLAN - FIRST FLOOR



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.
- 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.
 <u>NEW CONSTRUCTION NOTES – PIPING:</u>
- 1. ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
- DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
- 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

WAVERLY ELEMENTARY SCHOOL

$M \stackrel{\text{architect}}{=} M \bigwedge S$

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 STAMFORD, CT 06905

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 10119

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



																			F	AN CO	DIL U	NIT SO	CHEDL	ILE																		
DESIGNATION	CONFIGUR-	A	IR CONNECTIO	NS				SUI	PPLY FAN D	ATA				CC	ILS		CHILLED W	VATER (OF	R DUAL TE	MP) COIL	COOLING	DATA	HO	T WATER (OR DU	JAL TEMP) C	OIL HEAT	TING DAT	ГА	STEAM COIL H	IEATING DAT	TA			ELECTF	RICAL DATA			FILTER	UNIT OVERALL	WEIGH	IT MANUFAC- MODEL	REMARKS
	ATION	SUPPLY	RETURN	OUTSIDE	SUPPLY	MIN. E	ESP N	10. I	HP BH	P FAN	DRIVE	STARTER	STARTER STEAD	M CHILLED	HOT DU	JAL FLUID	TOT. SENS.	GPM E.V	V.T. L.W.T.	. E.A.T. E.A	.T. L.A.T	. L.A.T. W	.P.D. FLUI	D MBH GPM E	.W.T. L.W.T.	E.A.T. L.	.A.T. W.I	P.D. HEATIN	G STEAM	STEAM E.A	A.T. L.A.T. VC	DLTS PH H	MCA MC	OP	DISCONNE	СТ	EMER.	PRE-	DIMENSIONS	(LBS) TURER	1
				AIR A			NWC) C	DF (F	PER (PE	R TYPE	TYPE	TYPE	LOCATION	WATER	WATER TE	EMP	мвн мвн	(°	'F) (°F)	DB V	B DB	WB (F1	-WC)		(°F) (°F)	(°F) ((°F) (FT-	-WC) МВН	PRESURE	FLOW (이	°F) (°F)			BY E.C	C LOCATION	TYPE EN	ICL. PWR.		VIDTH HEIGHT LEN	GTH		1
					(CFM)		МОТ	TORS MO	TOR) MOT	DR)					нс	ОТ &				(°F) (F) (°F)	(°F)							(PSIG) ((LBS/HR)				OR		TY	YPE (Y/N)		(IN) (IN) C	R		1
						(CFM)									Сні	LLED																		MANU	JF.				DE	РТН		1
																																							(1	N)		1
	VERTICAL	ТОР	LOW FRONT	REAR DUCT	200	4.5	0.20	1 0	12 0.0	CENTR		БОМ		2 0014		- WATER	55 46	09 4	4 56		7 50	57		·D 44.0 4.4	400 400	EE 4	100 0	7				120 1 60		5 MANUU					22 20 4	0 07		SEE NOTES
FCU-WA-1	SLOPE TOP	GRILLE	GRILLE	COLLAR	200	15 0	0.30		0.13 0.0	FUGAI		ECIM	AT MOTOR -	3-ROW	1-ROW	- WATER	5.5 4.0	0.9 4	4 30	80 0	1 39	5/		R 11.0 1.1		55	106 2		-	- -	• • `		2.8		JF. UNIT MTD. F		MA1 N	1" MERV-13	33 29	0 97	TRANE FC-J-B-020	BELOW
	HORIZONTAL	FRONT DUC	T REAR DUCT		c00		0.20	4 0		CENTR		БОМ		2 0014			16.4 14.0	27 4	4 50		7 50	50			400 400	55	00 0							5 MANUU					47 05 4	0 420		SEE NOTES
FCU-WA-2	CONCEALED	COLLAR	COLLAR	-	000	- (0.30		0.22 0.2	「 FUGAI		ECM	AT MOTOR -	3-ROW		- WATER	10.4 14.0	2.1 4	4 30	00 0	1 58	00	3.0 WAIE	.K 21.9 2.8		55	30 0	0.0 -	-	- -		120 1 60	0 3.9 1		JF. UNIT MTD. F			1" MERV-13	4/ 20 1	0 139	TRANE FC-C-B-060	BELOW

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.

	VENTILATION SCHEDULE																
AIR HAND	LING SYST	EM DATA			ROOM	DATA				OUTSIDE VEN	TILATION AIRFLO	W REQUIRED P	ER THE	OUTSIDE VEI	NTILATION AIRFI	OW REQUIRED	DPER 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 - 3	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 OUTSID
SYSTEM	AIRFLOW	VENTILATION				PEOPLE	AIRFLOW	OUTSIDE	VENTILATION	VENTILATION	DISTRIBUTION	OUTSIDE	VENTILATION AIRFLOW	VENTILATION	VENTILATION	OUTSIDE	VENTILATION AIRFLOW
DESIGNATION	(CFM)	AIRFLOW					(CFM)	VENTILATION	AIRFLOW	AIRFLOWPER	EFFECTIVENESS	VENTILATION	MEETSOR 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-WA-1	200	15	K125	SECURITY OFFICE	67	1	200	15	5	0.06	0.8	11	YES	15	0.00	15	YES

						REGIST	ER, GRILLE, AND DIFF	USER SC	HEDULE	 					
DESIGNATION	SERVICE	TYPE	NOMINAL	NECK	CFM	CONFIGURATION	BORDER	MATERIAL OF	EQUALIZING	OPPOSED	FILTER	FINISH	MANUFACTURER	MODEL	REMARKS
			OVERALL	SIZE	RANGE		ТҮРЕ	CONSTRUCTION	GRID IN NECK	BLADE	RACK	COLOR			
			DIMENSION	(IN)						DAMPER					
			(IN)							IN NECK					
LD-A	SUPPLY L	INEAR DIFFUSER	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 BELO
		RAL DRAWINGS FO				MIT COLOR CHART FOR REVIEW.									

3. COORDINATE BORDER TYPES WITH ARCHITECTURAL CEILING SPECIFICATIONS.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT $M \equiv M \land S I$ 2 LYON PLACE

WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM _____

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

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

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

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

HAZARDOUS MATERIALS CONSULTANT WSP

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

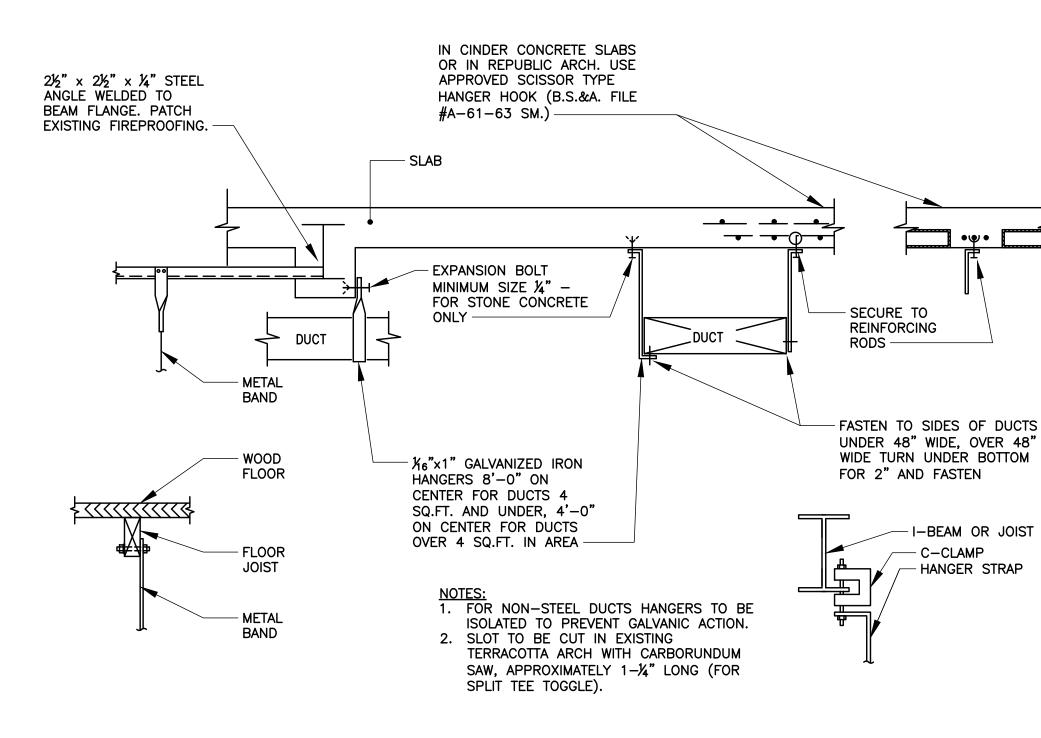
LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221

SEAL • • · · · ·
 .
 .

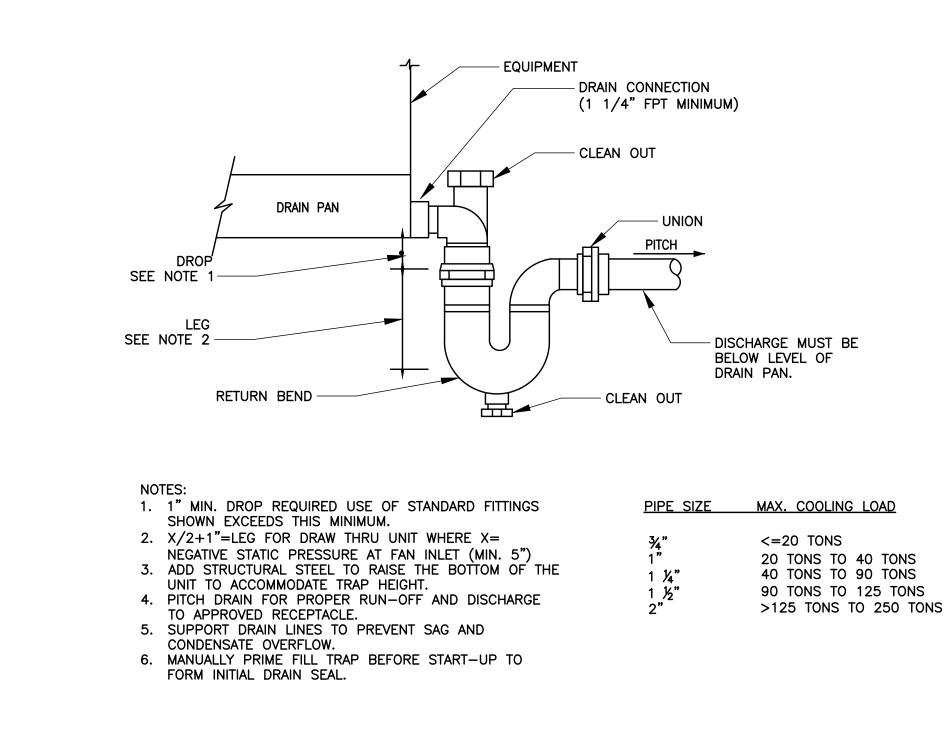
 BID SET
 01/03/2023

 ISSUE
 DATE
 -----KEY PLAN L_____ SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202 SCHEDULES

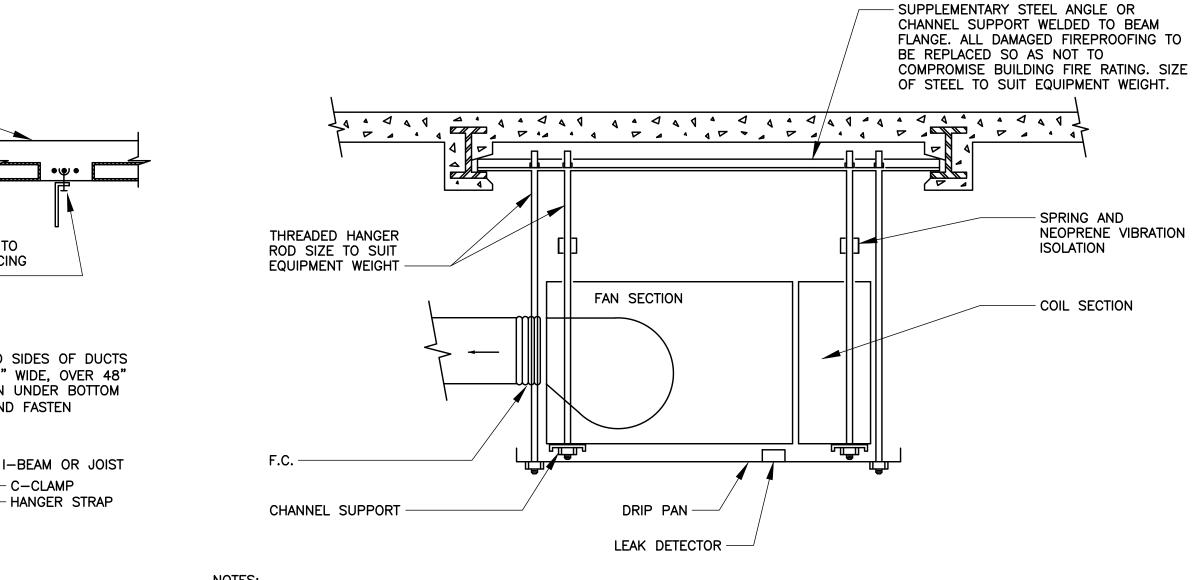




TYPICAL DUCT HANGING DETAIL N.T.S.



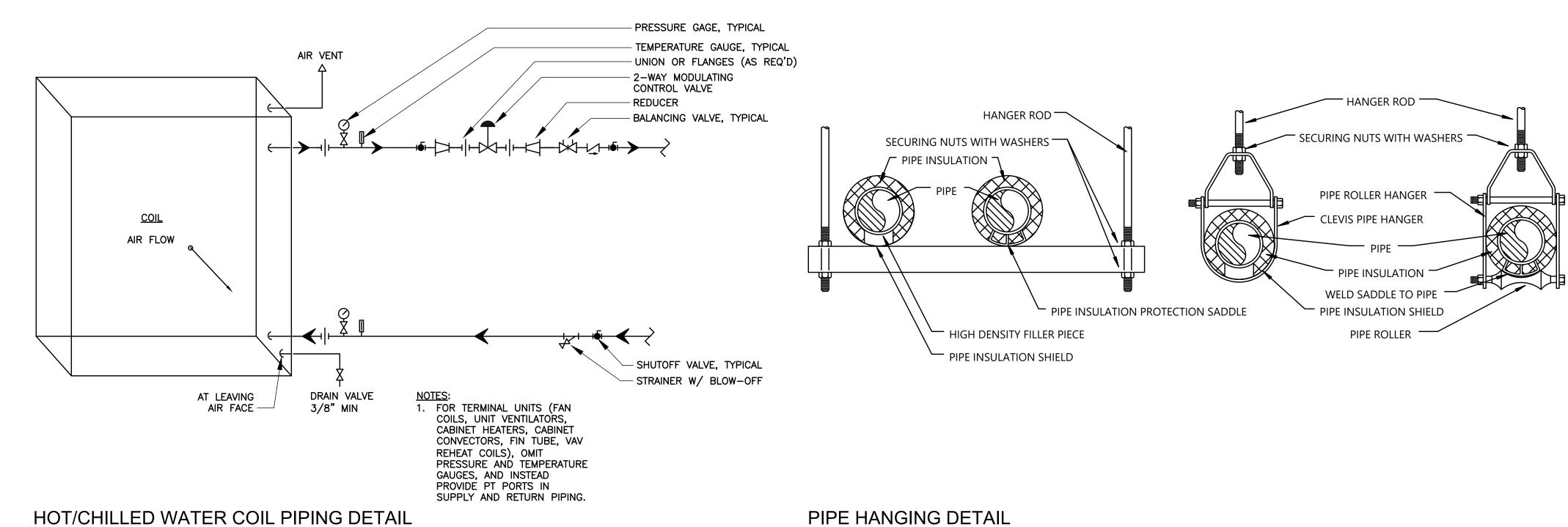
TYPICAL CONDENSATE DRAIN PIPING DETAIL (DRAW THROUGH) N.T.S.

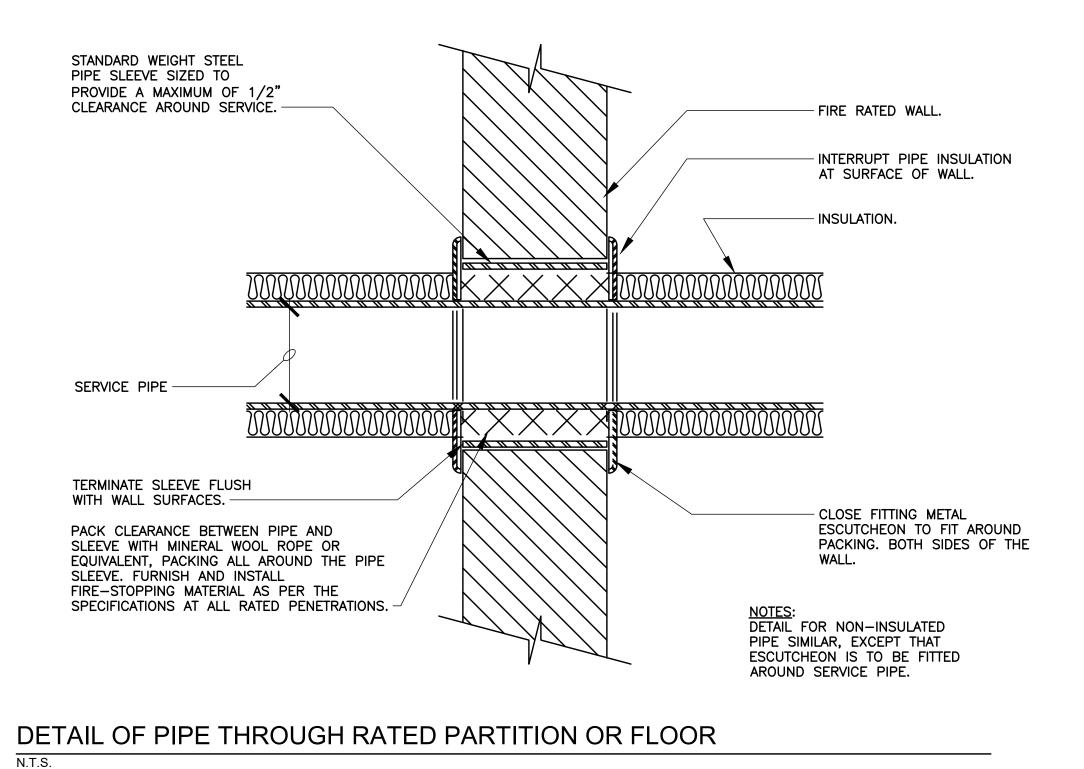


NOTES: 1. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WITH COOLING COILS (4-PIPE FAN COIL UNIT WITH HOT AND CHILLED WATER COILS, 2-PIPE FAN COIL UNIT WITH A DUAL-TEMPERATURE HOT/CHILLED WATER COIL, ETC.). 2. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WHICH ARE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

N.T.S.





PIPE HANGING DETAIL N.T.S.

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY 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 STAMFORD, CT 06905

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

HAZARDOUS MATERIALS CONSULTANT WSP

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

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

SEAL 01/03/2023 BID SET ISSUE DATE KEY PLAN SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202





	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.
	DO NOT SCALE FROM THESE DRAWINGS.
	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.
	DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.
	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 SUBMISSION.
	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.
	HE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING WORK.
	THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL UTILITIES.
	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.
	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.
	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.
	ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.
	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.
	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.
	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 WATER PIPING.
	ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.
	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.
	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 PRIMERS.
	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 SANITARY, WASTE, AND STORM PIPING AT INTERVALS OUTLINED IN APPLICABLE CODE.
	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.
	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.
	THE CONTRACTOR SHALL PROVIDE REDUCING FITTING AT ALL CHANGES IN DIAMETER OF SANITARY, WASTE, AND STORM PIPING.
	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.

PIPE DIAMETER	WALL / FLOOR SLEEVE DIAMETER	BEAM OPENING DIAMETER
'& s"	3"	4"
n	4"	
۲"	4"	5"
j"	4"	5"
2" & 2i"	5"	6"
3"	6"	6i"
4"	8"	7i"
5"	8"	8i"
6"	10"	9i"
UNINSULATED SANITARY	, WASTE, VENT, STORM, AND GAS PIPING	I
PIPE DIAMETER	WALL / FLOOR SLEEVE DIAMETER	BEAM OPENING DIAMETER
1i"	3"	3"
2"	4"	3i"
2i"	4"	4"
3"	5"	4i"
4"	6"	5i"
	8"	6i"
5"	8"	7i"
5"		9i"
	10"	
)")"	10"	11i"
)" 		

AP	PL	.IC

			PIPE, FITTING, AND JOINT MATE	ERIA
PIPING SYSTEM	PIPING LOCATION	PIPING SIZE	PIPING SPECIFICATION	FITT
SANITARY/WASTE/ VENT/STORM	ABOVE GROUND	ALL	SERVICE WEIGHT HUBLESS CAST IRON	SER
INDIRECT WASTE	ABOVE GROUND	ALL	TYPE DWV COPPER TUBING	WR
COLD WATER/HOT WATER/ HOT WATER CIRCULATION	DISTRIBUTION	ALL	TYPE L HARD DRAWN COPPER TUBING	WR

FIRST FLOOR VESTIBULE PARTIAL PLANS

COVER SHEET

DETAILS

WA P001

WA P101

WA P201

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. 3. THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE TO FUNCTIONING PLUMBING 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 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. . PORTIONS OF MAINS TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE, SHALL BE CUT AT CONVENIENT LOCATIONS, REPOUTED AND RECONNECTED.

THE CONTRACTOR SHALL NOTIFY THE BUILDING 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. 8. 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 PLUMBING CONTRACTOR, AS DIRECTED BY THE OWNER. 9. 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.

10. NO ABANDONED PIPING SHALL REMAIN.

- 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

PLICABLE 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

RIAL SCHEDULE	
FITTING SPECIFICATION	JOINT SPECIFICATION
SERVICE WEIGHT HUBLESS CAST IRON	NEOPRENE RUBBER SEALING SLEEVE AND HEAVY DUTY STAINLESS STEEL CORRUGATED SHIELDS WITH A MINIMUM OF FOUR HEAVY DUTY BANDS
WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER
WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER

	SYMBOL LIST		ABBREVIATIONS LIST
S	SANITARY/SOIL PIPING	AFF	ABOVE FINISHED FLOOR
w	WASTE PIPING	BLDG	BUILDING
	INDIRECT WASTE PIPING	BOP	BOTTOM OF PIPE
	VENT PIPING	со	CLEANOUT
·	DOMESTIC COLD WATER PIPING	СМ	COFFEE MAKER
	DOMESTIC HOT WATER PIPING	CLG	CEILING
¢	ARROW REPRESENTS DIRECTION OF FLOW	CONN	CONNECT / CONNECTION
x x x x x	PIPING TO BE DEMOLISHED	CONT	CONTINUE / CONTINUATION
	PIPE BREAK	CV	CHECK VALVE
	CAPPED OUTLET	сw	DOMESTIC COLD WATER
	CLEANOUT / PLUGGED OUTLET	DIA	DIAMETER
@	CLEANOUT DECK PLATE	DN	DOWN (PENETRATES FLOOR SLAB)
	P-TRAP	DR	DRAIN
	PIPE DROP / DOWN	DW	DISHWASHER
o	PIPE RISE / UP	DWG	DRAWING
	PIPE BOTTOM CONNECTION	EX	EXISTING
ዮ	PIPE TOP CONNECTION	FD	FLOOR DRAIN
	PIPE SIDE CONNECTION	НС	HANDICAPPED ACCESSIBLE FIXTURE
Ψ	VACUUM BREAKER	HW	DOMESTIC HOT WATER
Ŷ	SHOCK ARRESTOR	IW	INDIRECT WASTE
۵	DRAIN	NTS	NOT TO SCALE
φ	TEMPERATURE GAUGE	PD	PUMP DISCHARGE
M	CHECK VALVE	SAN	SANITARY/SOIL
•	BALL VALVE	SK	SINK
弦	MIXING VALVE	TYP	TYPICAL
Ŕ	SOLENOID VALVE	UP	UP (PENETRATES FLOOR SLAB)
0	POINT OF DISCONNECTION FROM EXISTING PIPING	V	VENT
•	POINT OF CONNECTION TO EXISTING PIPING	VB	VACUUM BREAKER
		w	WASTE

	DRAIN SCHEDULE																															
					DRAIN	N BOD	Y SP	ECIFIC	ATION	١									STR	AINER	SPEC		TION									
DESIGNATION	MANUFACTURER	MODEL NUMBER	BRONZE	CAST IRON	GALVANIZED	STAINLESS STEEL	CLAMPING DEVICE	SECONDARY CLAMP	SUMP RECEIVER	ACID RESISTANT COATING	TRAP PRIMER CONNECTION	ZE	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	ZURN	Z164		•			•		•				•															•	•	•	FLAT ROOFS	
FD	ZURN	Z525		•							•		•																	•		
NOTES:																																

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.

- 4. THE TOP OF ALL FLOOR DRAINS SHALL BE FLUSH WITH THE ADJACENT FINISHED FLOOR.

3. THE CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF THE DRAINS WITH THE APPROVED ROOFING AND/OR WATER PROOFING SYSTEMS PRIOR TO SUBMITTING SHOP DRAWINGS.

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.

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY 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

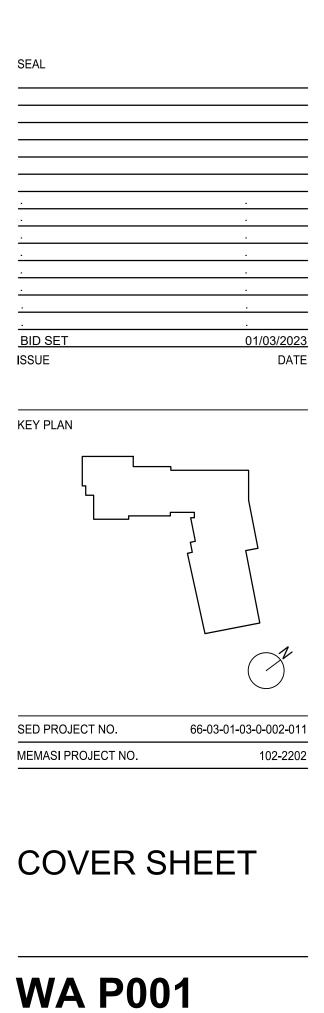
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

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







EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT $M \equiv M \land S I$

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

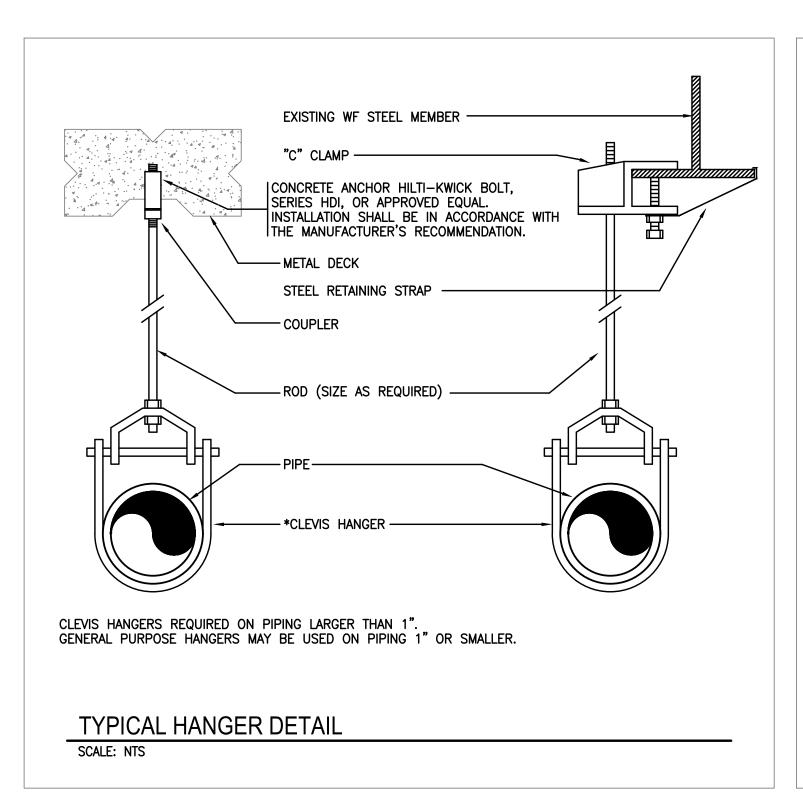
HAZARDOUS MATERIALS CONSULTANT WSP

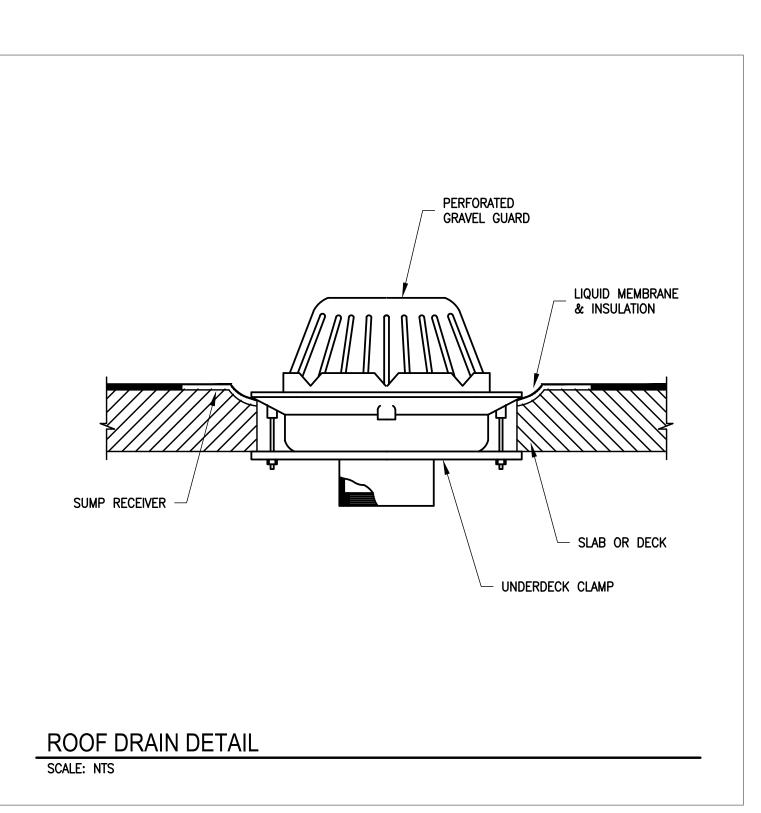
ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119

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









EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

$M = M \land S \mid_{2 \text{ LYON PLACE}}$

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

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

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

SEAL • • -· · ·
 .
 .

 BID SET
 01/03/2023

 ISSUE
 DATE
 _____ KEY PLAN L_____ SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202





ELECTRICAL SYMBOL LIST									
	(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)								
SYMBOL									
Φ	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								
wрФ	20A, 125V GFCI TYPE WEATHER RESISTANT DUPLEX RECEPTACLE IN WEATHER PROOF ENCLOSURE								
0	20A, 125V DECORA STYLE DUPLEX RECEPTACLE - CEILING MOUNTED								
Ŷ	SPECIAL PURPOSE RECEPTACLE - FLUSH WALL MOUNTED								
$\blacksquare \bigtriangledown \bigtriangledown \blacksquare$	DATA OUTLET WITH 1 1/4"E.C. UP TO CEILING. TURN 90° AND STUB AND BUSH 6" INTO ACCESSIBLE CEILING								
J	CEILING MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION								
୍ୱ	FLUSH WALL MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION								
J	FLUSH FLOOR MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION								
Ľ	UNFUSED DISCONNECT SWITCH								
$\square \frac{100A}{60A}$	FUSED DISCONNECT SWITCH – 100 AMP SWITCH, 60 AMP FUSE, UNFUSED (EXCEPT WHERE FUSE SIZE IS INDICATED) 3–POLE (EXCEPT WHERE NOTED)								
R	COMBINATION MOTOR CONTROLLER AND DISCONNECT SWITCH FURNISHED BY MECHANICAL CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR. COOR. LOCATION W/MECH. CONT.								
CB <u>100A</u> 60A	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								
Т	DRY TYPE 480–208V TRANSFORMER DELTA–WYE WITH GROUNDED SECONDARY SIDE, UON.								
	FLUSH MOUNTED PANELBOARD								
	SURFACE MOUNTED PANELBOARD								
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								
ļ	GROUND CONNECTION								
\$ 1	MANUAL STARTER – TOGGLE TYPE WITH THERMAL ELEMENT – 250V HP RATED, FURNISHED BY ELEC CONTRACTOR								
RP	SECURITY DEVICE REPEATER								

	ELECTRICAL ABBREVIATIONS										
	(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)										
Α	AMPERE	КСМ	THOUSAND CIRCULAR MILS								
AC	ABOVE COUNTER	KV	KILOVOLT								
AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT AMPERE								
AHJ	AUTHORITY HAVING JURISDICTION	ĸw	KILOWATT								
AIC	AMP INTERRUPTING CAPACITY	КЖН	KILOWATT HOUR								
ATS	AUTOMATIC TRANSFER SWITCH	LTG	LIGHTING								
AUTO	AUTOMATIC	MAX	MAXIMUM								
AWG	AMERICAN WIRE GAUGE	МСВ	MAIN CIRCUIT BREAKER								
BLDG	BUILDING	мсс	MOTOR CONTROL CENTER								
С	CONDUIT	MIN	MINIMUM								
СВ	CIRCUIT BREAKER	MTD	MOUNTED								
CCTV	CLOSED CIRCUIT TELEVISION	N	NEUTRAL								
СКТ	CIRCUIT	NIC	NOT IN CONTRACT								
CO	CARBON MONOXIDE	NTS	NOT TO SCALE								
СОММ	COMMUNICATION	OC	ON CENTER								
СТ	CURRENT TRANSFORMER	Р	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	V	VOLT OR VOLTAGE								
FA	FIRE ALARM	VA	VOLT AMPERE								
FACP	FIRE ALARM CONTROL PANEL	VIF	VERIFY IN FIELD								
FL	FLOOR	W	WATT								
FT	FEET OR FOOT	WP	WEATHERPROOF								
GRD	GROUND	WT	WATERTIGHT								
GFI	GROUND FAULT INTERRUPTER	ХР	EXPLOSION PROOF								
HID	HIGH INTENSITY DISCHARGE										
HP	HORSE POWER										
HZ	HERTZ										
JB	JUNCTION BOX										

NEW YOF
 2020 BUILDING CODE OF 2020 FIRE CODE OF NEW 2020 PLUMBING CODE OF 2020 MECHANICAL CODE 2020 FUEL GAS CODE OF 2020 NYS UNIFORM CODE NYS EDUCATION DEPARTMINE
NEW Y
 2020 ENERGY CONSERVAT 2016 ASHRAE 90.1
RE
APPLICABLE REFERENCE STANDA LIST BELOW IS FOR QUICK REFE STANDARDS.
 2016 NPFA 13 - STAND 2016 NFPA 14 - STAND 2016 NFPA 20 - STANDA 2017 NFPA 70 - NATION 2016 NFPA 72 - NATION
ELECT

	ELECTF
Sheet Number	Sheet Title
WA E001	COVER SHEET
WA E002	ELECTRICAL GENE
WA E101	FIRST FLOOR VEST
WA E201	SITE LIGHTING PLA
WA E301	SECURITY SECURI
WA E601	ELECTRICAL PANE

	(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)									
SYMBOL DESCRIPTION										
\$	\$ SINGLE POLE LINE VOLTAGE SWITCH									
\$ ^K	KEY ACTIVATED LINE VOLTAGE SWITCH									
घुव	DUAL TECHNOLOGY OCCUPANCY SENSOR, WALL MTD.									
US DUAL TECHNOLOGY VACANCY SENSOR, CEILING MTD.										
WS 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)									
©	EXTERIOR LIGHTING PHOTOCELL									
	FIRE ALARM SYMBOL LIST									

LIGHTING CONTROL SYMBOL LIST

FIRE ALARM SYMBOL LIST									
(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)									
SYMBOL	DESCRIPTION								
\$	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								

			LIGHTING FIXTURE SCHE	DULE		
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	WATTAGE / CCT / LUMENS / CRI	VOLTS	NOTES
W1	PENDANT	FLUXWERX	PF1PAD35B04GF2M03	38 / 3500K / 4050 / 80	UNV	INVERTER DSPM CMIC-75-120/120
W2	2X4 FLAT PANEL	METALUX	24FP4735C	41 / 3500K / 4591 / 80	UNV	EL14W EM PACK WHERE INDICATE
W3	4" DOWNLIGHT	USAI	B4RDF 16G1 30KS 50 S BZ NCIC UNV-D6E EM	16 / 3000K / 1425 / 80	UNV	INVERTER DSPM CMIC-75-120/120
EM1	EMERGENCY LIGHT	LITHONIA	ELM4L	3W	UNV	MOUNT AT 8' AFF
X1	LED EDGE-LIT EXIT SIGN	LITHONIA	LRP 1/2 RC/RMR 120/277 EL N	2W	UNV	SHIP WITH ALL MOUNTING OPTION DIRECTIONAL INDICATORS PER PLANS
X2	EXIT SIGN	LITHONIA	LQM S W 3 R 120/277 EL N M6 ELA LQMUS12	1W	UNV	SHIP WITH ALL MOUNTING OPTION DIRECTIONAL INDICATORS PER PLANS

ORK STATE CODES & STANDARDS

F NEW YORK STATE YORK STATE NEW YORK STATE

OF NEW YORK STATE NEW YORK STATE

L SCHEDULES

SUPPLEMENT

MENT 1998 MANUAL OF PLANNING STANDARDS

YORK STATE ENERGY CODES

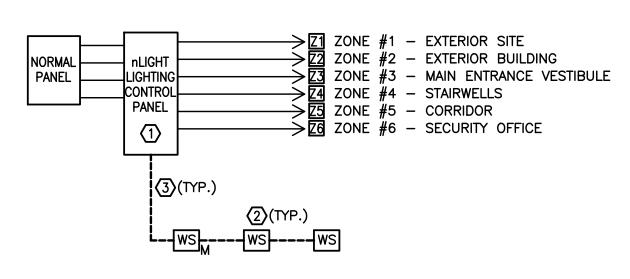
ATION CONSTRUCTION CODE OF NEW YORK STATE

REFERENCED STANDARDS

ARDS SHALL BE AS REFERENCED BY ALL STATE CODES. THE FERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE

NDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS NDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS DARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION ONAL ELECTRICAL CODE ONAL FIRE ALARM AND SIGNALING CODE

RICAL DRAWING LIST IERAL NOTES TIBULE ELECTRICAL PARTIAL PLANS RITY EQUIPMENT POWER PLANS POWER PLANS

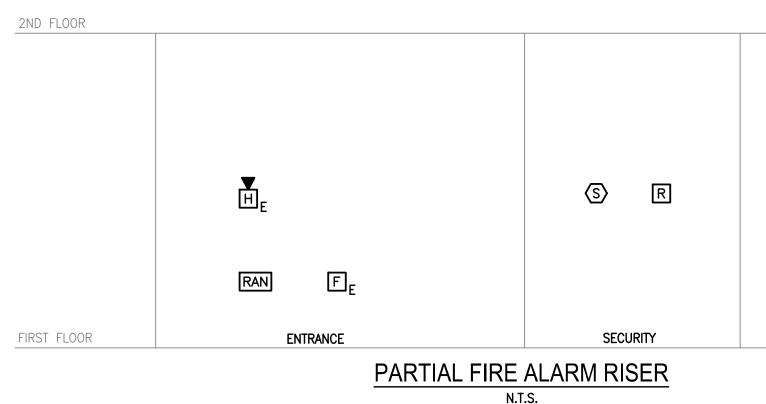


KEY NOTES:

(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
- $\langle \overline{3} \rangle$ LOW VOLTAGE WIRING TYPE AS PER MANUFACTURER.

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



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.

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

EXTERIOR LIGHTING SCHEDULE										
Symbol	Qty	Label	Arrangement	Description						
œ——®	1	P-G2-5WQ-2	Back-Back	GLEON-SA2C-730-U-5WQ 201						
	1	G2-T4FT	Single	GWC-SA2C-730-U-T4FT Wall						
	3	G1-T3	Single	GWC-SA1C-730-U-T3 Wall						

S SECURE VESTIBULE

LLF Luminaire Luminaire Total BUG Rating Mounting Lumens Watts Height Watts 0.912 13881 226 B4-U0-G2 9180 113 15 0.912 13523 B2-U0-G3 113 113 22

59

177

B1-U0-G2

12

0.912 6881

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY 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

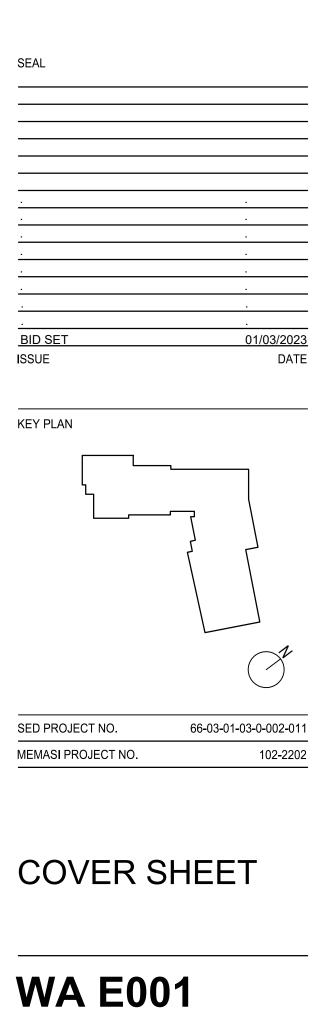
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

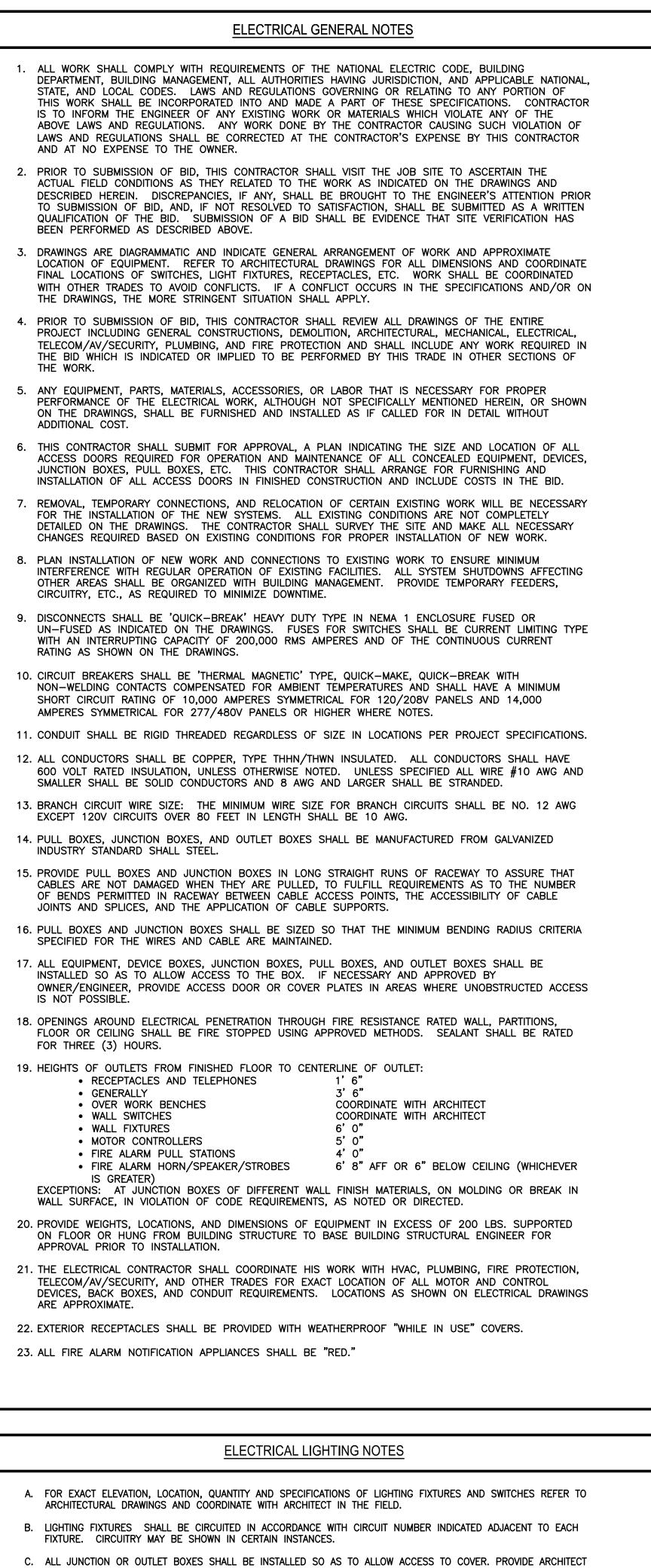
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

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





- APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET
- IS NOT POSSIBLE. D. PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF
- DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCFFDING.
- E. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.
- F. MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE. G. ALL LIGHTING FIXTURES CONTROLLED BY DIMMER SWITCHES SHALL BE PROVIDED WITH DEDICATED NEUTRAL
- CONDUCTOR. H. ALL LIGHT FIXTURES DESIGNATED WITH "EM" SHALL BE PROVIDED WITH EMERGENCY BATTERY PACK CAPABLE OF FULL LIGHT
- OUTPUT FOR MINIMUM 90 MINUTES. EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELLS AND TIMECLOCKS WITH A MANUAL OVERRIDE SWITCHES LOCATED IN ELECTRICAL ROOMS.

ELECTRICAL DEMOLITION NOTES

1. GENERAL

- 1.1. SEE ARCHITECTURAL DEMOLITION DRAWINGS FOR NUMBER OF LIGHTING FIXTURES AND DEVICES TO BE REMOVED AND OR RFI OCATED.
- 1.2. SEE HVAC DRAWINGS FOR HVAC EQUIPMENT TO BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT, WIRE, SWITCHES, BOXES ASSOCIATED WITH EQUIPMENT TO BE REMOVED.
- 1.3. SEE PLUMBING DRAWINGS FOR PLUMBING EQUIPMENT TO BE REMOVED.
- 1.4. FOR EQUIPMENT TO BE REMOVED DISCONNECT POWER AND REMOVED CONDUIT/WIRING BACK TO PANEL.

1.5. REMOVE ALL DRYWALL MOUNTED DUPLEX RECEPTACLES AND ASSOCIATED CIRCUITING. WHERE OUTLETS ARE REMOVED AND THROUGH CIRCUITING SERVE OTHER OUTLETS BEYOND THE DEMOLITION AREA, RESTORE OR MAINTAIN THROUGH CIRCUITING

CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS AS REQUIRED TO BUNDLE, NEATEN, AND CLEAN UP EXISTING LOOSE 1.6. 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

4. EXISTING LIGHTING FIXTURES

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.

- 4.1. 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.

COORDINATE WITH MECHANICAL CONTRACTOR IN FIELD.

- 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.
- WHERE APPLICABLE, RUN 1" EMPTY CONDUIT TO NEAREST ACCESSIBLE HUNG CEILING WITH GROMMET END FITTINGS FOR TELEPHONE/DATA & PROVIDE DRAG LINES FOR PULLING CABLE.
- 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 CONDUIT.
- . 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.
- 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.
- . 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 CONTRACTOR SHALL REFER TO IT/AV/SECURITY DRAWINGS AND COORDINATE WITH IT/AV/SECURITY CONSULTANT/VENDOR AND ARCHITECT/INTERIOR DESIGNER TO PRVIDE THE FOLLOWING: ROUTING. BACKBOXES - TYPE, SIZE, HEIGHT, AND LOCATIONS. 1.2. EQUIPMENT RACKS - TERMINATION TYPE AND POWER REQUIREMENTS. 1.3. 1.4. ELECTRICAL DEVICES – PUG TYPE, SIZE, HEIGHT, LOCATION AND FACEPLATE POWERED.

ELECTRICAL - IT/AV/SECURITY COORDINATION NOTES

SERVICE ENTRANCE CONDUITS AND CONDUIT BETWEEN MDF AND IDF ROOMS - TYPE, SIZE, QUANTITY, SPACING AND

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

WAVERLY ELEMENTARY 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

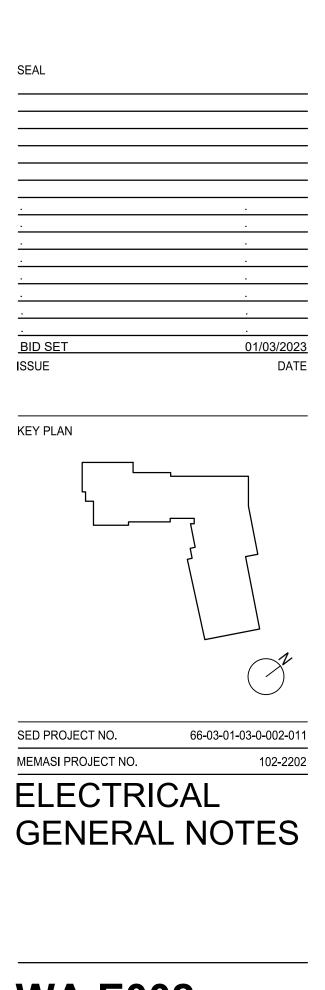
STRUCTURAL CONSULTANT **REILLY TARANTINO ENGINEERING** 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762

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

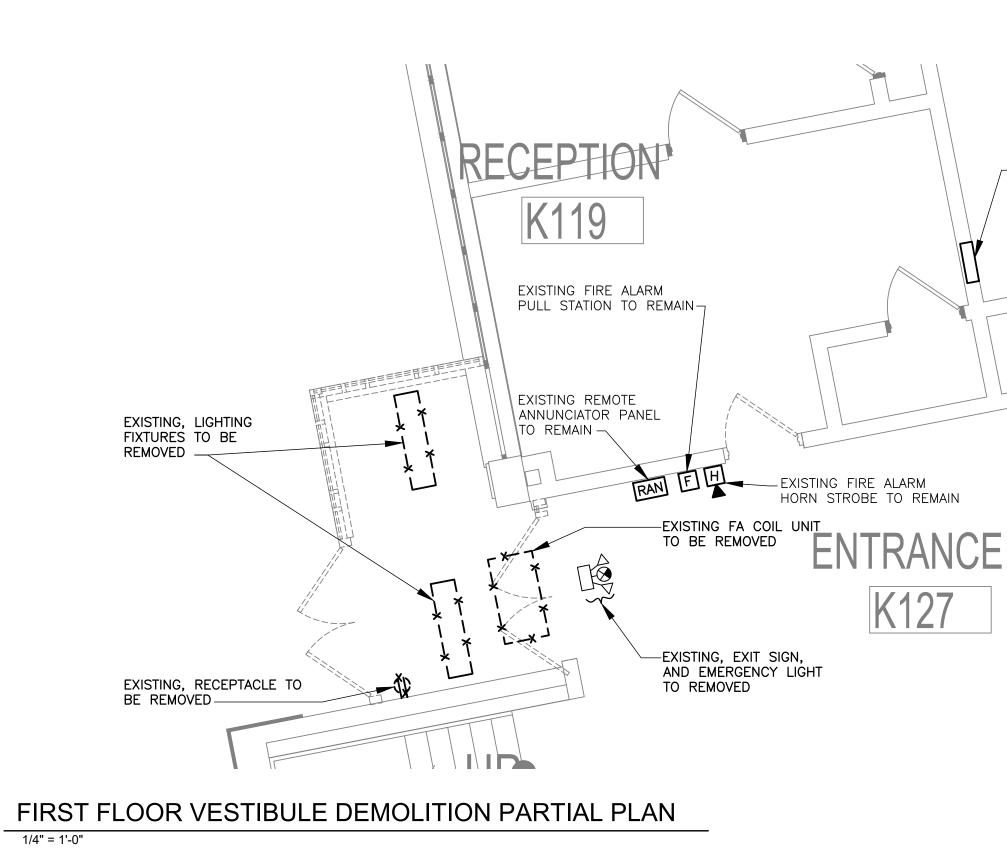
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT WSP

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

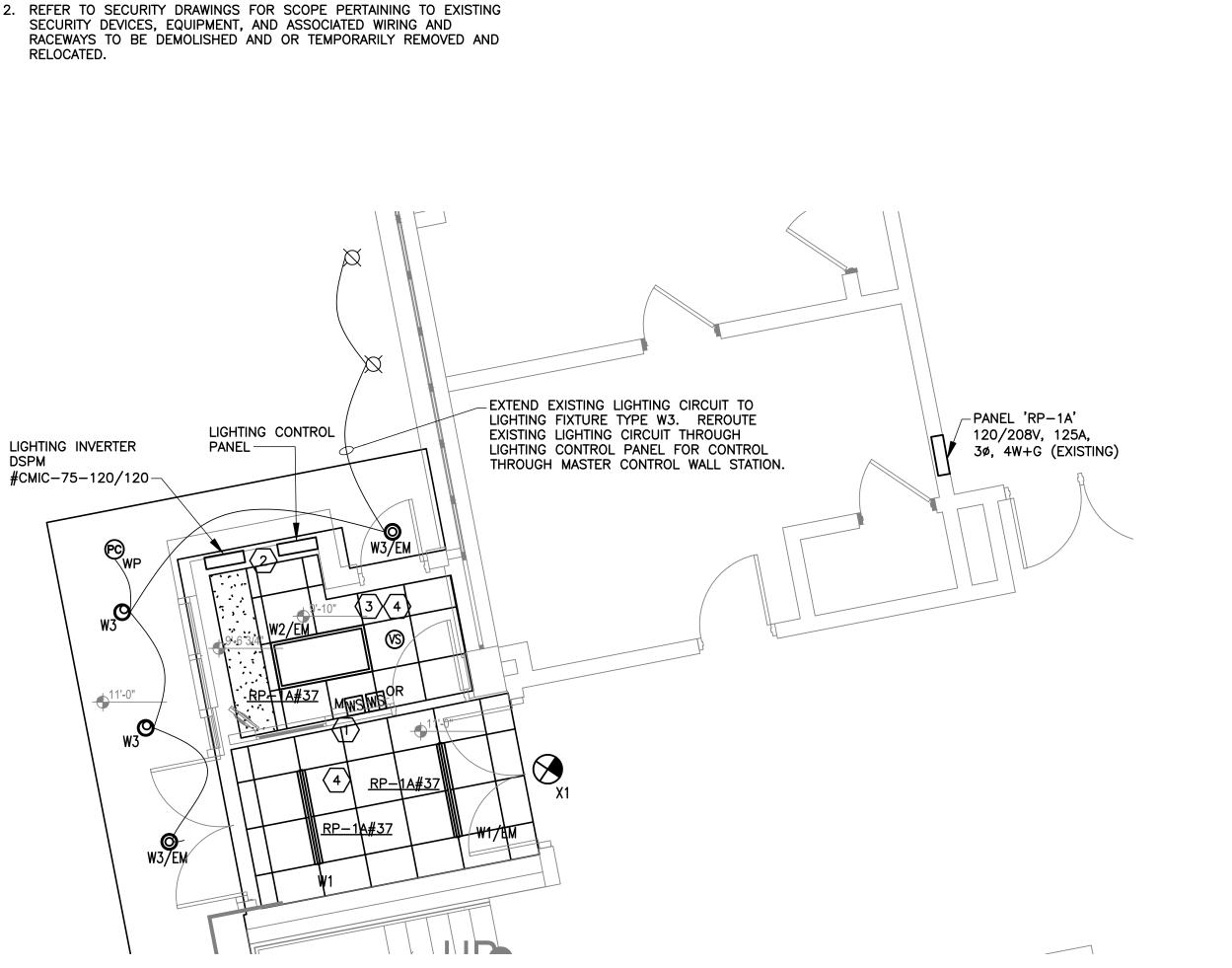






ELECTRICAL DEMOLITION PLAN NOTES:

- 1. WHERE INDICATED DISCONNECT AND REMOVE ALL EXISTING EQUIPMENT WIRE AND CONDUIT BACK TO SOURCE. IF CIRCUIT WIRING IS SHARED WITH ELECTRICAL EQUIPMENT THAT IS EXISTING TO REMAIN THEN REMOVE WIRE AND CONDUIT BACK TO POINT OF SPLICE.
- 2. REFER TO SECURITY DRAWINGS FOR SCOPE PERTAINING TO EXISTING SECURITY DEVICES, EQUIPMENT, AND ASSOCIATED WIRING AND



FIRST FLOOR VESTIBULE LIGHTING PARTIAL PLAN 1/4" = 1'-0"

1. REFER TO DRAWING E-001 FOR LIGHTING FIXTURE SCHEDULE.

ONLY AND SHALL BE COORDINATED IN THE FIELD.

REMOVED KEY SWITCHES IN THE ENTRY VESTIBULE.

WITH INTEGRAL EMERGENCY BATTERY PACKS.

2. ALL LIGHTING FIXTURES SHALL CIRCUIT TO PANEL 'RP-1A'. CIRCUITS ARE

OFFICE. NEW LIGHTING CONTROL PANEL AND MASTER LIGHTING CONTROL

6. PROVIDE AN UN-SWITCHED HOT LEG FOR EMERGENCY LIGHTING FIXTURES

7. WIRING FOR EXIT SIGNS SHALL BE AHEAD OF ANY SWITCHING.

ELECTRICAL LIGHTING PLAN NOTES:

AHEAD OF SWITCHING.

OF SECURITY OFFICE.

LIGHTING CONTROL NOTES:

- 5. LOCATE REMOTE EMERGENCY DRIVERS AND LIGHTING INVERTERS AT CEILING SENSORS WHERE SPECIFIED.

KEY NOTES:

- 1. EXTERIOR SITE
- 2. EXTERIOR BUILDING 3. MAIN ENTRANCE VESTIBULE, STAIRWELLS, CORRIDORS
- 3 PROVIDE LOW VOLTAGE WIRING FROM AREA VACANCY SENSORS AND WALL STATIONS BACK TO LIGHTING CONTROL PANEL.

 $\langle 4 \rangle$ lighting fixture circuit wiring shall wire through lighting control panel.

 $\langle 2 \rangle$ LIGHTING CONTROL PANEL WITH EIGHT RELAYS. ACCUITY BRANDS nLIGHT #ARP-INTENCO-NLT-8SPR.

MASTER LIGHTING CONTROL STATION FOR BUILDING AND SITE. PROGRAMMABLE TIME SCHEDULES FOR EACH CONTROL ZONE AND MANUAL ON/OFF OVERRIDE. OCCUPANCY SENSOR AUTO ON/OFF OUTSIDE OF SCHEDULED OCCUPIED HOURS. LOCKABLE WITH PASSCODE. CONTROL ZONES:

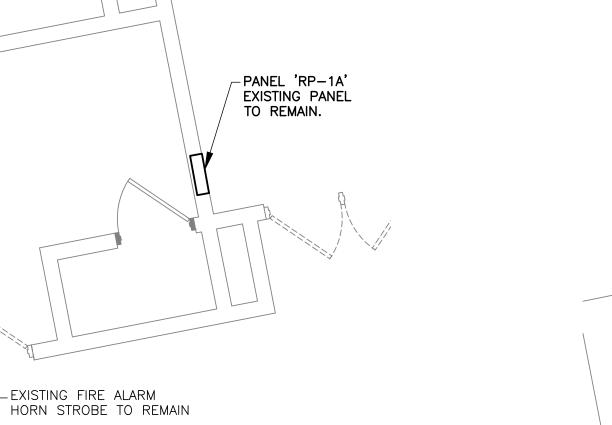
6. POST-TOP PARKING LOT FIXTURES: DUSK TO DAWN CONTROL.

REMOVED KEY SWITCHES IN THE ENTRY VESTIBULE. 4. CIRCUIT EMERGENCY LIGHTS AND EXIT SIGNS TO NEAREST LIGHTING CIRCUIT 4. TOILET ROOMS - AUTO ON/OFF VIA OCCUPANCY SENSOR. 5. EXTERIOR BUILDING-MOUNTED FIXTURES: DUSK TO DAWN CONTROL. MOTION

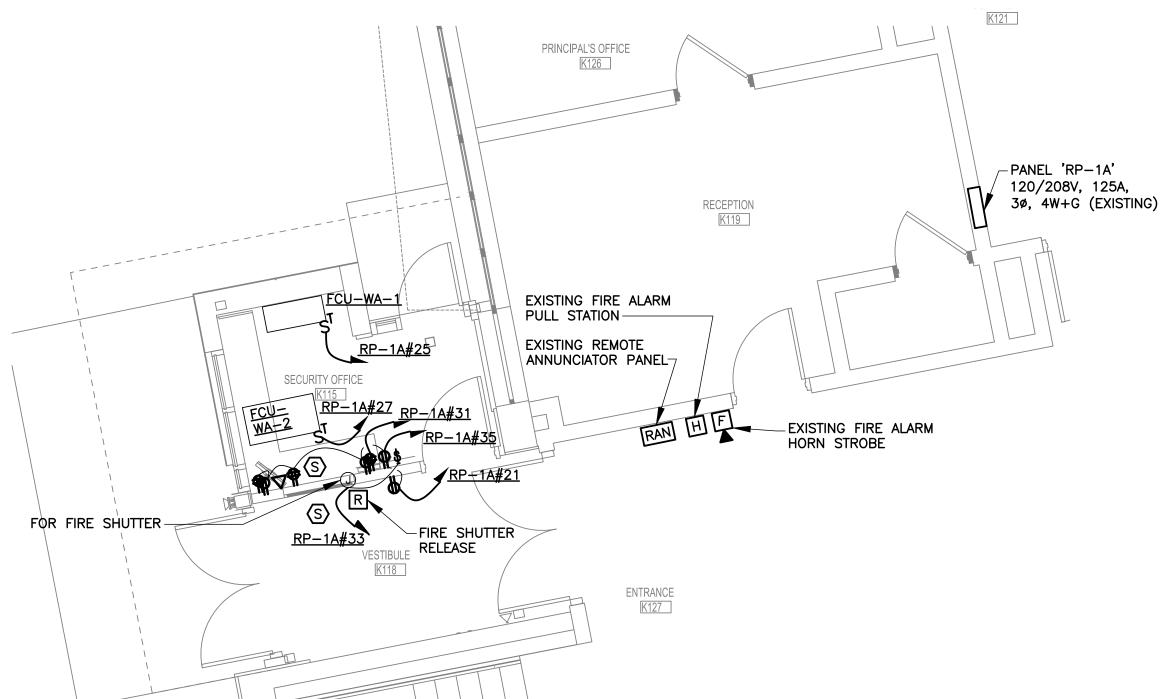
HOURS, AUTO ON/OFF VIA OCCUPANCY SENSOR AFTER HOURS. ELECTRICAL HOURS, AUTO ON/OFF VIA OCCUPANCY SENSOR AFTER HOURS. ELECTRICAL CONTRACTOR SHALL PROVIDE MASTER LIGHTING CONTROL STATION IN SECURITY CONTRACTOR SHALL PROVIDE MASTER LIGHTING CONTROL STATION IN SECURITY OFFICE. NEW LIGHTING CONTROL PANEL AND MASTER LIGHTING CONTROL STATION SHALL CONTROL THE EXISTING ZONES CONTROLLED BY THE EXISTING STATION SHALL CONTROL THE EXISTING ZONES CONTROLLED BY THE EXISTING

SHOWN WITH "#" ADJACENT TO LIGHTING FIXTURE AND ARE FOR REFERENCE 2. CLASSROOMS, OFFICES - MANUAL ON, VACANCY SENSOR AUTO OFF. MANUAL OVERRIDE CONTROLS FOR ON/OFF, DIM UP, DIM DOWN. 3. CORRIDORS/CIRCULATION/VESTIBULES - TIME SCHEDULE DURING OCCUPIED 3. CORRIDORS/CIRCULATION/VESTIBULES - TIME SCHEDULE DURING OCCUPIED

1. PER 2020 ECCCNYS, OCCUPANCY/VACANCY SENSORS SHALL AUTOMATICALLY TURN OFF LIGHTS 20 MINUTES AFTER SPACE IS UNOCCUPIED.



KIZ/



FIRST FLOOR VESTIBULE PARTIAL PLAN

ELECTRICAL POWER PLAN NOTES:

1/4" = 1'-0"

- 1. ALL SECURITY OFFICE DEVICES SHALL CIRCUIT TO PANEL 'RP-1A'. CIRCUITS ARE SHOWN WITH "#" ADJACENT TO DEVICE ARE FOR REFERENCE ONLY AND SHALL BE COORDINATED IN THE FIELD.
- 2. FOR MOTORIZED FIRE SHUTTER PROVIDE CONNECTION TO FIRE ALARM SYSTEM
- TO CLOSE UPON ACTIVATION OF THE AREA SMOKE DETECTORS LOCATED AT EACH SIDE OF THE SHUTTER.
- 2. 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 WIRING. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH SECURITY DRAWINGS FOR ALL REQUIREMENTS.
- 3. PROVIDE A 1 1/4"E.C. FROM I.T. DATA OUTLETS UP TO CEILING. TURN 90" AND STUB AND BUSH 6" INTO ACCESSIBLE.
- 4. ALLOW FOR A SURFACE MOUNTED RACEWAY (WIREMOLD 2000 SERIES) FOR I.T. CABLING TO I.T. CLOSET. EXACT LOCATION OF CLOSET TO BE COORDINATED WITH END USER.
- 5. REFER TO ARCHITECTURAL ELEVATIONS FOR RECEPTACLE LAYOUT AT SECURITY OFFICE.

EASTCHESTER **UNION FREE** SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY 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

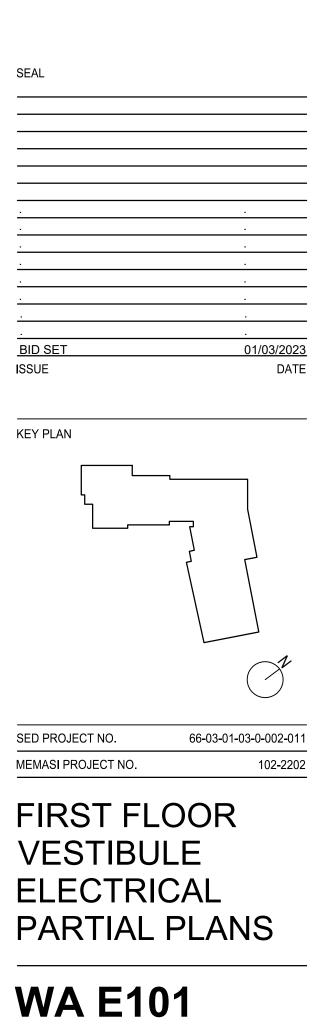
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

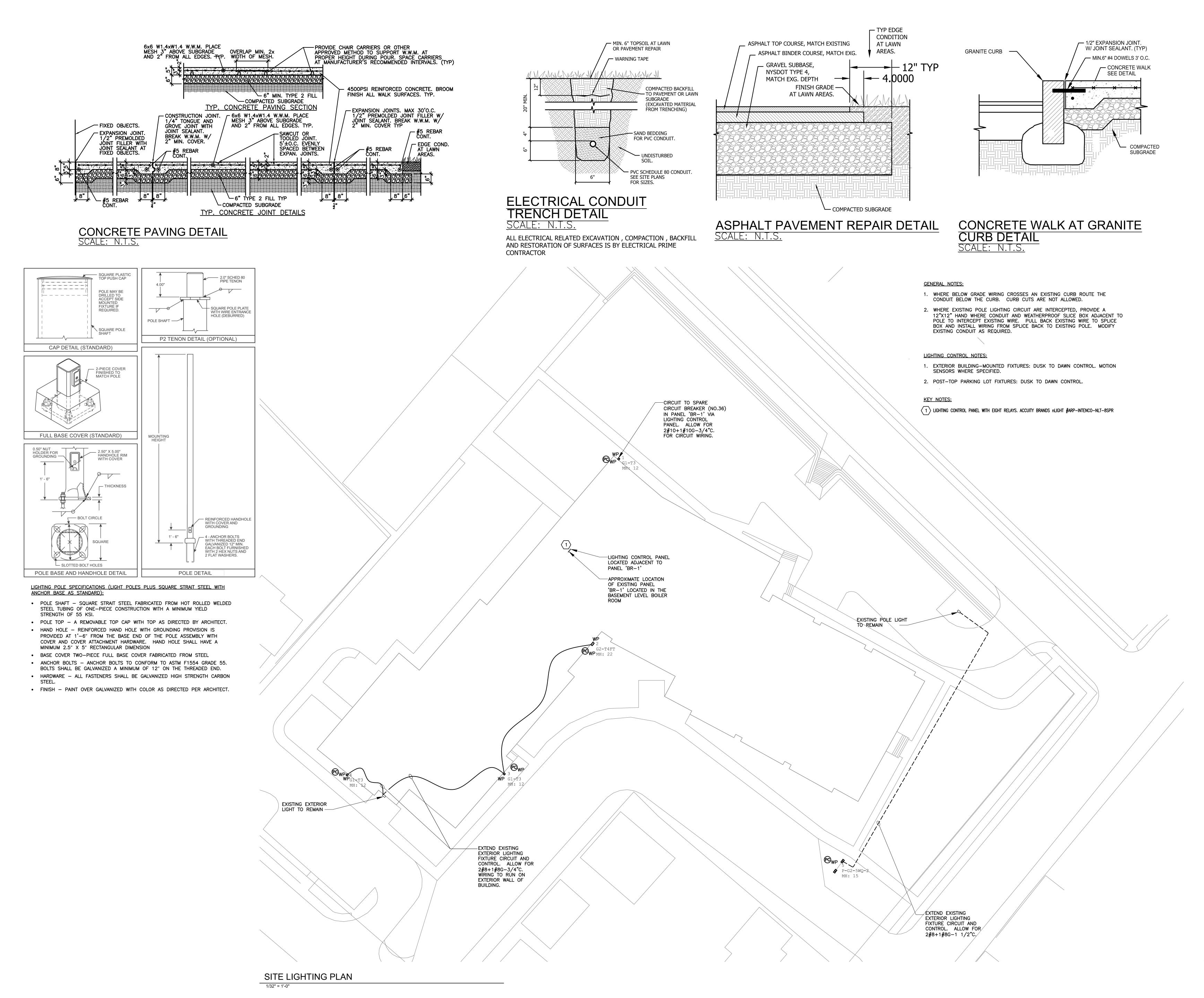
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

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





EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

$M \stackrel{\text{architect}}{=} M \bigwedge S$

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

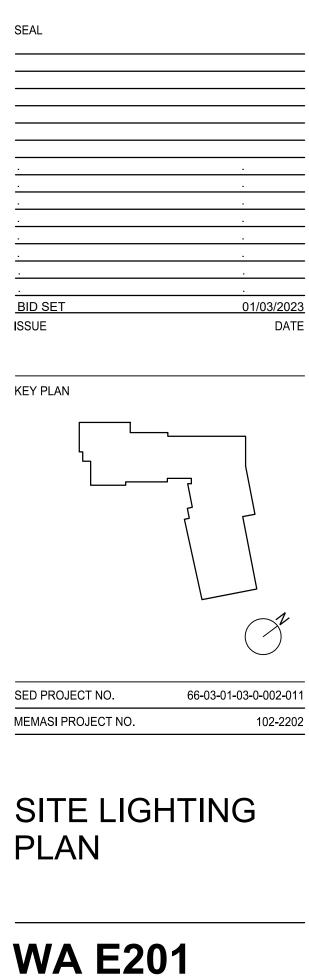
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

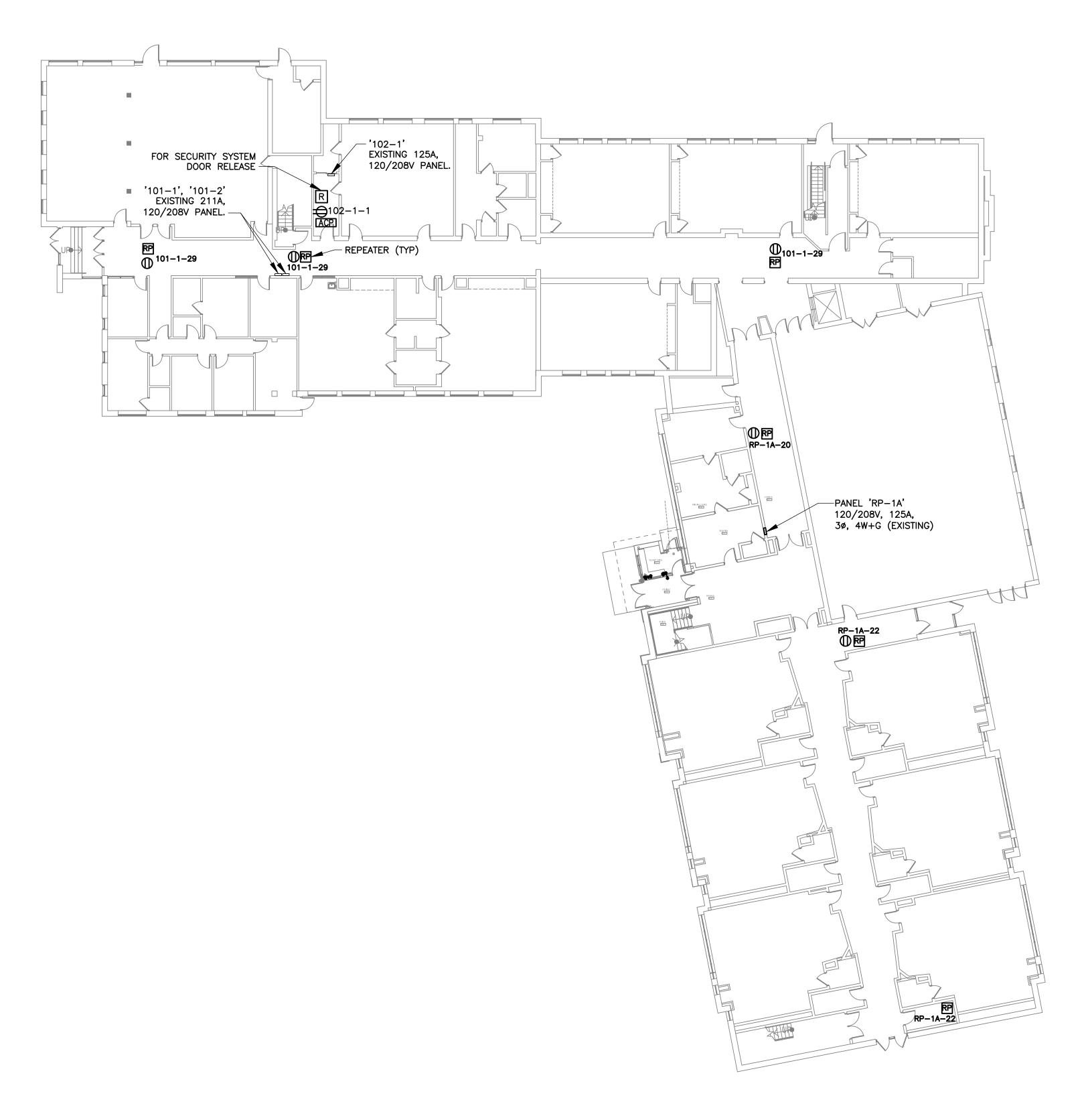
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324

HAZARDOUS MATERIALS CONSULTANT

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

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





FIRST FLOOR VESTIBULE DEMOLITION PARTIAL PLAN

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.
- 4. FURNISH AND INSTALL A 20A WALL MOUNTED DUPLEX RECEPTACLE FOR EACH ACCESS CONTROL PANEL WITHIN THE I.T. CLOSET.



FIRST FLOOR VESTIBULE DEMOLITION PARTIAL PLAN

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

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

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

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

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

SEAL 01/03/2023 BID SET DATE ISSUE _____ KEY PLAN SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202 SECURITY SECURITY EQUIPMENT POWER PLANS POWER PLANS WA E301

PAN	PANEL DESIGNATION : RP-1A									
	VOLT/	AGE 208Y/120 V	NEUTRAL	TRAL 100%			0%	QUANTITY OF POLES	42]
	PHASE 30 SCC RATING (SY		SCC RATING (SYM)			22 K.	A.I.C.	MAIN CIRCUIT BREAKER 12		-
	V	/IRE 4 W + G						MAIN BUS	225 A	
EXISTING PANEL X FEED THROUGH LUGS						RCUIT		GROUND BUS]
										1
CKT #	TRIP	LOAD DESCRIPTION	ØA (VA	-		ØC (VA)		LOAD DESCRIPTION	TRIP	CKT #
1	20A	EXISTING	101	6				EXISTING	6 20A	2
3	20A	EXISTING		10)16			EXISTING		4
5	20A	EXISTING				1524		EXISTING		6
7	20A	EXISTING)				EXISTING		8
9	20A	EXISTING		C	0			EXISTING	6 20A	10
<mark>1</mark> 1	20A	EXISTING				0		EXISTING	20A	12
13	20A	EXISTING 0 EXISTING		20A	14					
15	20A	EXISTING 0 SPARE		20A	<mark>16</mark>					
17	20A	EXISTING	EXISTING 0 EXISTING		6 20A	<mark>1</mark> 8				
19	20A	EXISTING						REPEATER CORR 12	1 20A	20
21	20A	ENTRY VESTIBULE		C	כ			REPEATER CORR 143,SERV 13	2 20A	22
23	20A	EXISTING				0		EXISTING	G 20A	24
25	20A	FCU-WV-1						EXISTING	6 20A	26
27	20A	FCU-WV-2		C	0			EXISTING	6 20A	28
29	20A	EXISTING				0		EXISTING		30
31	20A	SECURITY OFFICE						EXISTING	6 20A	32
33	20A	SECURITY OFFICE GATE		C	0			SPARI		34
35	20A	SECURITY OFFICE		_		0		SPARI	20A	36
37	20A	ENTRY VESTIBULE/SECURITY OFF	ICE LIGHTING 0							38
39	20A	EXISTING		0	0 SPARE 20/				20A	40 42
41	20A	EXISTING				0				

r												
PANE	EL DES	GNATIO	N : 102	2-1								
	VOLT	AGE	20 V	NEU	NEUTRAL 100%			QUANTITY OF POLES		8		
	PH	ASE	3 Ø		SCC RATING (\$	SYM)		22 K.	A.I.C.	MAIN CIRCUIT BREAKER	125	5 A
	WIRE 4W+G							MAIN BUS	225	5 A		
	EXISTING PANEL X FEED THROUGH LUGS			NEMA 1 ENCLOSURE X GROUND BL						X		
	R	EMARKS	:	REPLA	CE INTERIORS AND COVE	R. MA	TCH C	RCUIT	BREAKER RA	ATINGS WITH EXISTING TO REMA	AIN CIR	CUITS
CKT #	TRIP	LOAD DESCRIPTION			ØA (VA)	ØB (VA)	ØC (VA)		LOAD DESCRIPTION		TRIP	
1	20A	SECURITY PANEL ACP			0				EXISTING L	OAD	20A	
3	30A	EXISTI	NG LOAD				0			EXISTING LOAD		
5	20A	EXISTING LOAD				0		EXISTING L		20A		
7	207										OAD	207
9	40A	0A EXISTING LOAD				0			EXISTING LOAD			
11	10/1						0		EXISTING L	OAD	20A	
13 60A EXISTING LOAD			0				EXISTING L	OAD	20A			
<mark>15</mark>	00/1	SOA EXISTING LOAD					0			EXISTING L	OAD	20A

	VOLTA	GE 208Y/120 V	Л И	EUTRAL	JTRAL 100%		0%	QUANTITY OF POLES	42]	
	PHA	SE 3Ø	SCC RATIN	G (SYM)	22 K.A.I.C.			MAIN CIRCUIT BREAKER	125 A	125 A	
	W	IRE 4 W + G	-					MAIN BUS	225 A		
	FEED	EXISTING PANEL X THROUGH LUGS	CE INTERIORS AND CO			NCLOSU		GROUND B ATINGS WITH EXISTING TO REMA			
CKT #	TRIP	LOAD DE	SCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)		LOAD DESCRIPTION	TRIP	CK #	
1	20A	EXISTING LOAD		0				EXISTING LC	DAD 20A	2	
3	20A	EXISTING LOAD			0			EXISTING LC	AD 20A	4	
5	20A	EXISTING LOAD				0		EXISTING LC	AD 20A	6	
7	20A	EXISTING LOAD		0				EXISTING LC	AD 20A	8	
9	20A	EXISTING LOAD			0			EXISTING LC	AD 20A	10	
11	20A	EXISTING LOAD				0		EXISTING LC	AD 20A	12	
13	20A	EXISTING LOAD		0				EXISTING LC	AD 20A	14	
15	20A	EXISTING LOAD			0			EXISTING LC	DAD 20A	16	
17	20A	EXISTING LOAD				0		EXISTING LC	DAD 20A	18	
19	20A	EXISTING LOAD		0				EXISTING LC	DAD 20A	20	
21	20A				0			EXISTING LC	AD 20A	22	
23	20A	EXISTING LOAD				0		EXISTING LC	AD 20A	24	
25	20A			0				EXISTING LC	DAD 20A	26	
27	20A	EXISTING LOAD			0			EXISTING LC	DAD 20A	28	
29	20A	EXISTING LOAD				0		EXISTING LC	DAD 20A	30	
31	20A	EXISTING LOAD		0				EXISTING LC		32	
33	20A	EXISTING LOAD			0			EXISTING LC	AD 20A	34	
35	20A	REPEATER LIB 213				0		EXISTING LC	AD 20A	36	
37	20A	SPARE		0						38	
39	20A	SPARE			0			SPARE	20A	40	

VOLTAGE 208Y/120 V			「 、				0/		30	T	
			208Y/120 V		NEUTRAL		100		QUANTITY OF POLES		-
PHASE				3 Ø SCC RATING (S			22 K.A	A.I.C.		00 A	_
WIRE		/IRE	4 W + G						MAIN BUS	A 00	
EXISTING PANEL X			NEMA		A 1 ENCLOSURE X		GROUND BUS	X			
	RI	EMARKS :	REPI	ACE INTERIORS AND C	OVER. MA	TCH C	IRCUIT E	BREAKER RA	TINGS WITH EXISTING TO REMAIN C	IRCUITS	- ;]
CKT #	TRIP		LOAD D	ESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)		LOAD DESCRIPTION	TRIP	C
1	20A	EXISTING	LOAD		1016			EXISTING LOAD		20A	
3	20A	EXISTING	LOAD			1016			EXISTING LOAD	20A	T
5	20A	EXISTING	LOAD				1524	EXISTING LOAD		20A	T
7	20A	EXISTING	LOAD		720			EXISTING LOAD		20A	T
9	20A	EXISTING	LOAD			0		EXISTING LOAD		20A	
11	20A	EXISTING	LOAD				0	EXISTING LOAD		20A	
13	20A	EXISTING	LOAD		0				EXISTING LOAD	20A	
15	20A	EXISTING	LOAD			0			EXISTING LOAD	20A	
17	20A	EXISTING	LOAD				0	EXISTING LOAD 20		20A	
<mark>1</mark> 9	20A	EXISTING	LOAD		0			EXISTING LOAD 2		20A	
21	20A	EXISTING	LOAD			0			EXISTING LOAD	20A	
23	20A	EXISTING	LOAD				0		EXISTING LOAD	20A	
25	20A	EXISTING	LOAD		0		EXISTING LOAD		20A		
27	20A	EXISTING	LOAD			0		EXISTING LOAD 20A			
29	20A	DEDEATE	R CORRIDO				0		SPARE	20A	

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL BOND PROJECT PHASE 2

WAVERLY ELEMENTARY SCHOOL

ARCHITECT $M \equiv M \land S I$

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



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

SECURITY LEGEND AND ABBREVIATIONS

EL	ELECTRONIC SAFETY & SECURITY DEVICE LEGEND				
CR	CARD READER				
CRL	CARD READER LOCK				
DC	DOOR CONTACT				
DR	DOOR RELEASE BUTTON				
KP	INTRUSION SYSTEM KEYPAD				
	INTERCOM STATION				
V IC	VIDEO INTERCOM STATION				
MIC	INTERCOM MASTER STATION				
Ĥ	SPEAKER HORN				
) H (DUAL SPEAKER HORNS				
(MS)	INFRARED MOTION SENSOR				
EL	ELECTRIC LOCK				
RE	REQUEST-TO-EXIT DEVICE				
PAG	PAGING SYSTEM				
Ŀ	LOCKDOWN INDICATOR LIGHT/STROBE				
(\$	CEILING SPEAKER				
Ô	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				
□ ⊠4K	4K SECURITY CAMERA				
₩M	WIDE-ANGLE SECURITY CAMERA				
□□□180	180° SECURITY CAMERA				
	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				

	CONDUIT CONCEALED ABOVE CEILING OR WITHIN WALL
	CONDUIT BELOW GRADE OR EMBEDDED WITHIN SLAB
0	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
CT	CABLE TRAY
S	SECURITY SYSTEM RACEWAY NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY

	EQUIPMENT DESIGNATIONS	
	(E) EXISTING DEVICE TO REMAIN	
	(X) EXISTING DEVICE TO BE REMOVED	
	(XL) EXISTING DEVICE TO BE REMOVED AND RELOCATED	
	(NL) NEW LOCATION OF EXISTING RELOCATED DEVICE	
	(XR) EXISTING DEVICE TO BE REPLACED	
	(N) NEW DEVICE	
	DEMOLITION NOTES	1. A
1		C C
1.	SECURITY DEMOLITION WORK SHALL BE DONE BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE INDICATED. COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES REMAINING IN THE BUILDING.	
2.	WHERE EXISTING OUTLETS ARE NOT TO BE REUSED, THEY SHALL BE REMOVED AND THE CABLING PULLED BACK TO ITS SOURCE AS REQUIRED BY JOB CONDITIONS. PROVIDE BLANK COVER PLATES FOR ALL REMOVED OUTLETS.	
3.	REMOVE EXPOSED OR ACCESSIBLE CABLING TO EQUIPMENT OR OUTLETS TO BE REMOVED OR RELOCATED, UNLESS OTHERWISE INDICATED.	1
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.	2. F
5.	BE RESPONSIBLE FOR VERIFYING THE INTEGRITY AND CONDITION OF THE EXISTING CABLING WHICH IS TO BE REUSED. CABLING FOUND TO BE NON-FUNCTIONAL SHALL BE REPLACED.	3. U F
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.	4.
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.	5. 6. 7.
	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.	8. 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. 11.
0.	TONE, TAG AND IDENTIFY ALL WIRING BEFORE DEMOLITION.	12.
		13. /
	DOOR WIRING NOTES	14.
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.	E
2.	ALL JUNCTION BOXES ARE TO BE PLACED ON SECURE SIDE OF DOORS.	F
3.	SECURITY CONTRACTOR TO PROVIDE ALL CABLING AND COORDINATION WITH ELECTRICAL CONTRACTOR FOR PROPER CONDUIT INSTALLATION.	
4.	DOOR WIRING DETAILS ARE DIAGRAMMATIC ONLY. EXACT LOCATION OF SECURITY DEVICES MAY DIFFER.	

- 5. COORDINATE ALL SECURITY DEVICES WITH HARDWARE.

LEGEND NOTE

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

GENERAL NOTE

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

- 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.
- 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.
- LABEL ALL CLOSETS, RACKS, CABINETS, CABLES, CABLE SUPPORTS, ETC. IN ACCORDANCE WITH ANSI/TIA/EIA-606-A.
- SECURITY DEVICES SHALL BE U.L. LISTED. CABLES FOR DEVICES SHALL BE WIRED TO THE SAME CLOSET THAT SERVES THE REST OF THE FLOOR.
- MOUNTING HEIGHTS SHALL BE AS INDICATED ON ARCHITECTURAL DRAWINGS. 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.
- 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.
- 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

WA TY001	LEGEND AND ABBREVIATIONS
WA TYD101	FIRST AND SECOND FLOOR DEMO PLANS
WA TY101	BASEMENT AND FIRST FLOOR PLANS
WA TY102	SECOND FLOOR PLAN
WA TY201	ENLARGED PLANS
WA TY301	RISER DIAGRAMS
WA TY401	DETAILS

EASTCHESTER UNION FREE
2022 CAPITAL BOND PROJECT
PHASE 2 WAVERLY ELEMENTARY
SCHOOL
ARCHITECT M E M A 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
SEAL
BID SET 01/03/2023 ISSUE DATE
KEY PLAN
S

SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202









DEMOLITION NOTE:

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

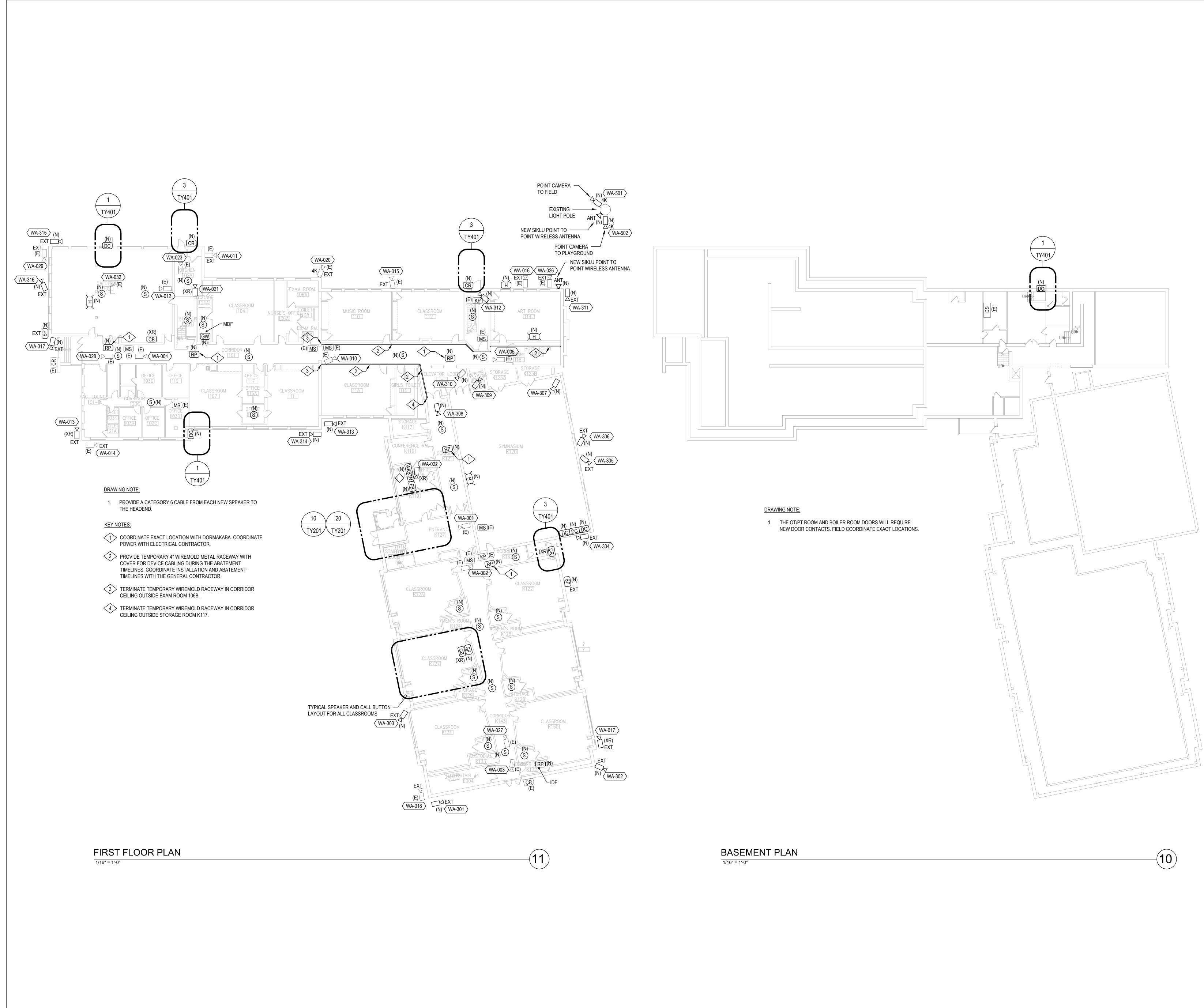




EASTCHESTER
UNION FREE
SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT
PHASE 2
WAVERLY ELEMENTARY SCHOOL
$M \equiv M \wedge S I$
$ V \equiv V / \langle O $ 2 LYON PLACE
WHITE PLAINS, NY 10601 914.915.9519
MEMASIDESIGN.COM
SITE - CIVIL CONSULTANT THE LA GROUP
179 GRAHAM ROAD ITHACA, NY 14850
STRUCTURAL CONSULTANT 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
992 BEDFORD STREET BRIDGEWATER, MA 02324
HAZARDOUS MATERIALS CONSULTANT
WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119
LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221
SEAL
BID SET 01/03/2023
ISSUE DATE
KEY PLAN
$\bigcirc^{\mathcal{L}}$
SED PROJECT NO. 66-03-01-03-0-002-011
MEMASI PROJECT NO. 102-2202



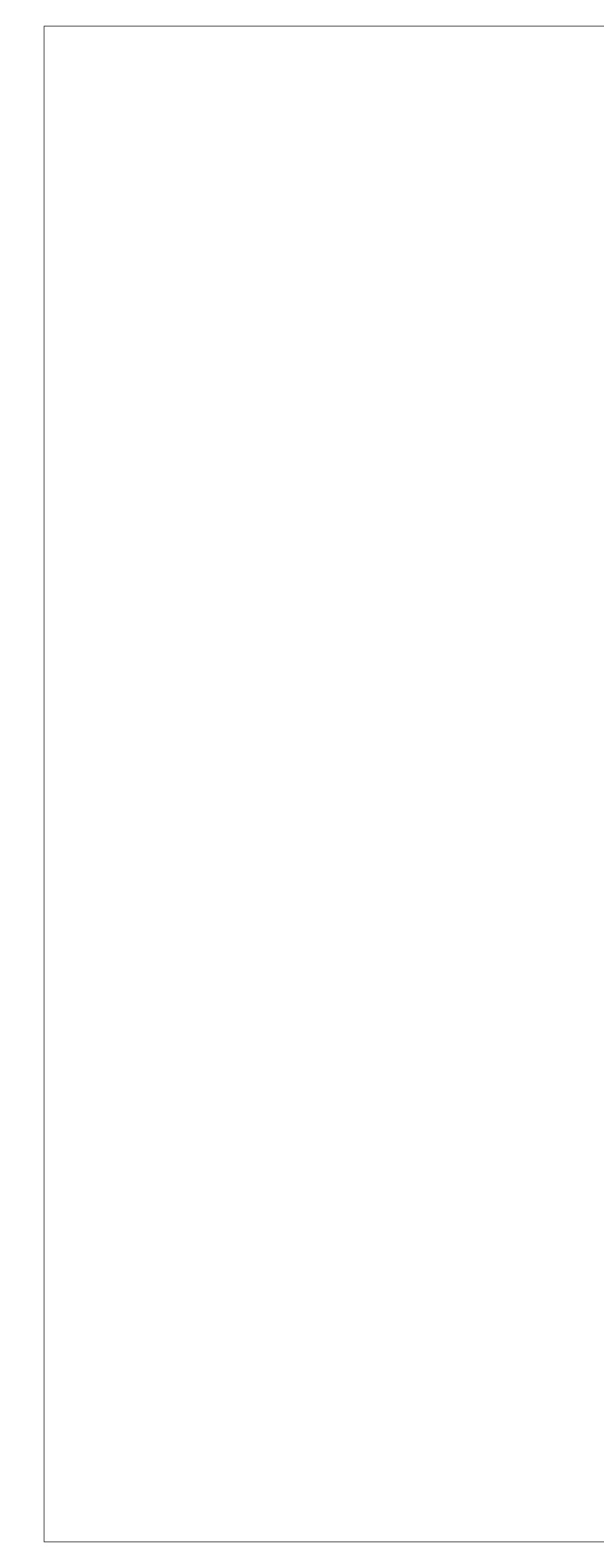


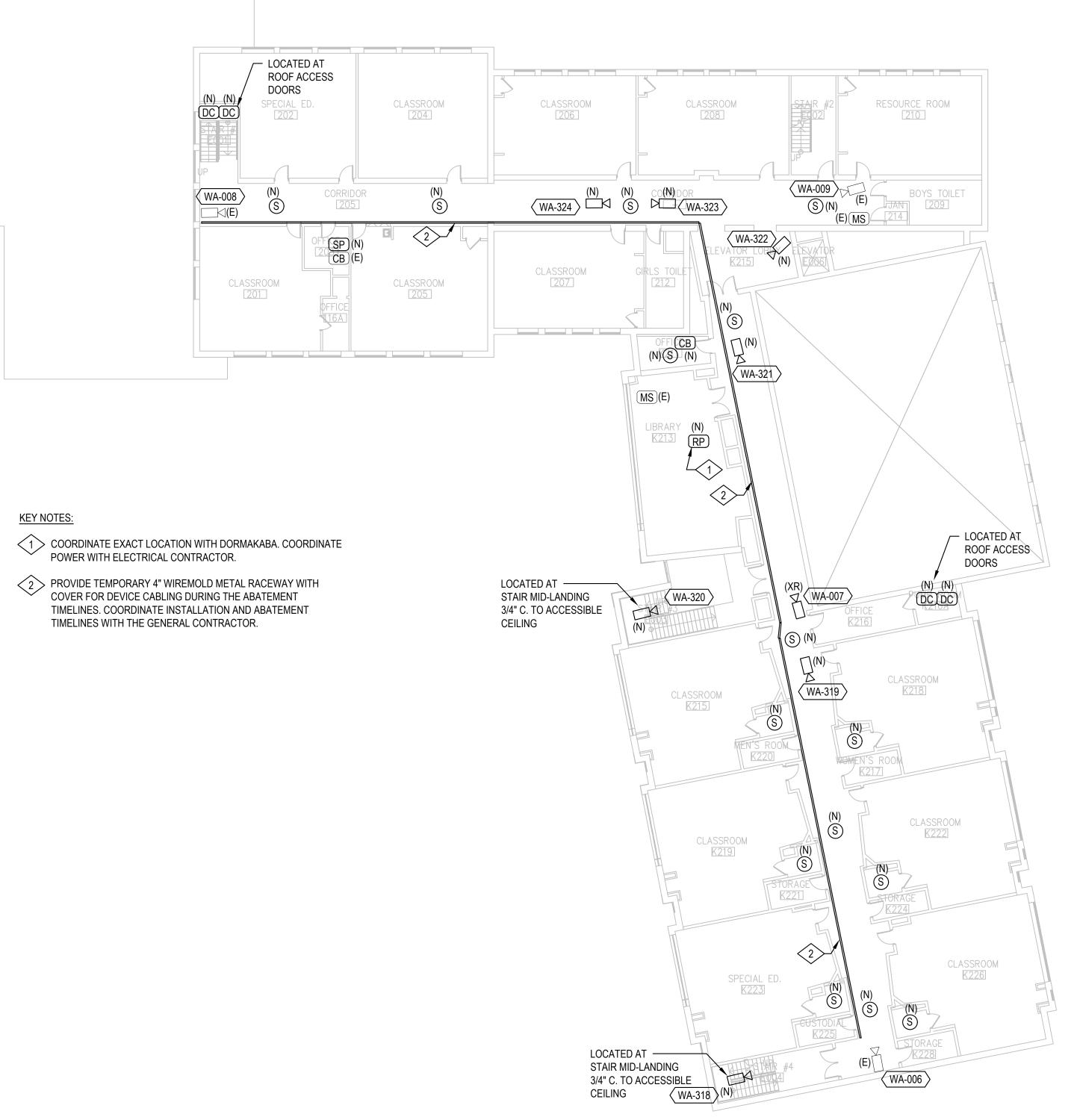


EASTCHESTER
UNION FREE
SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT
M E M A S I 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD
ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING
1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762 MEP CONSULTANT
STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119 LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN
629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221
SEAL
BID SET01/03/2023ISSUEDATE
KEY PLAN
\sim
SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO 102-2202
MEMASI PROJECT NO. 102-2202

BASEMENT AND FIRST FLOOR PLANS







KEY NOTES:

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

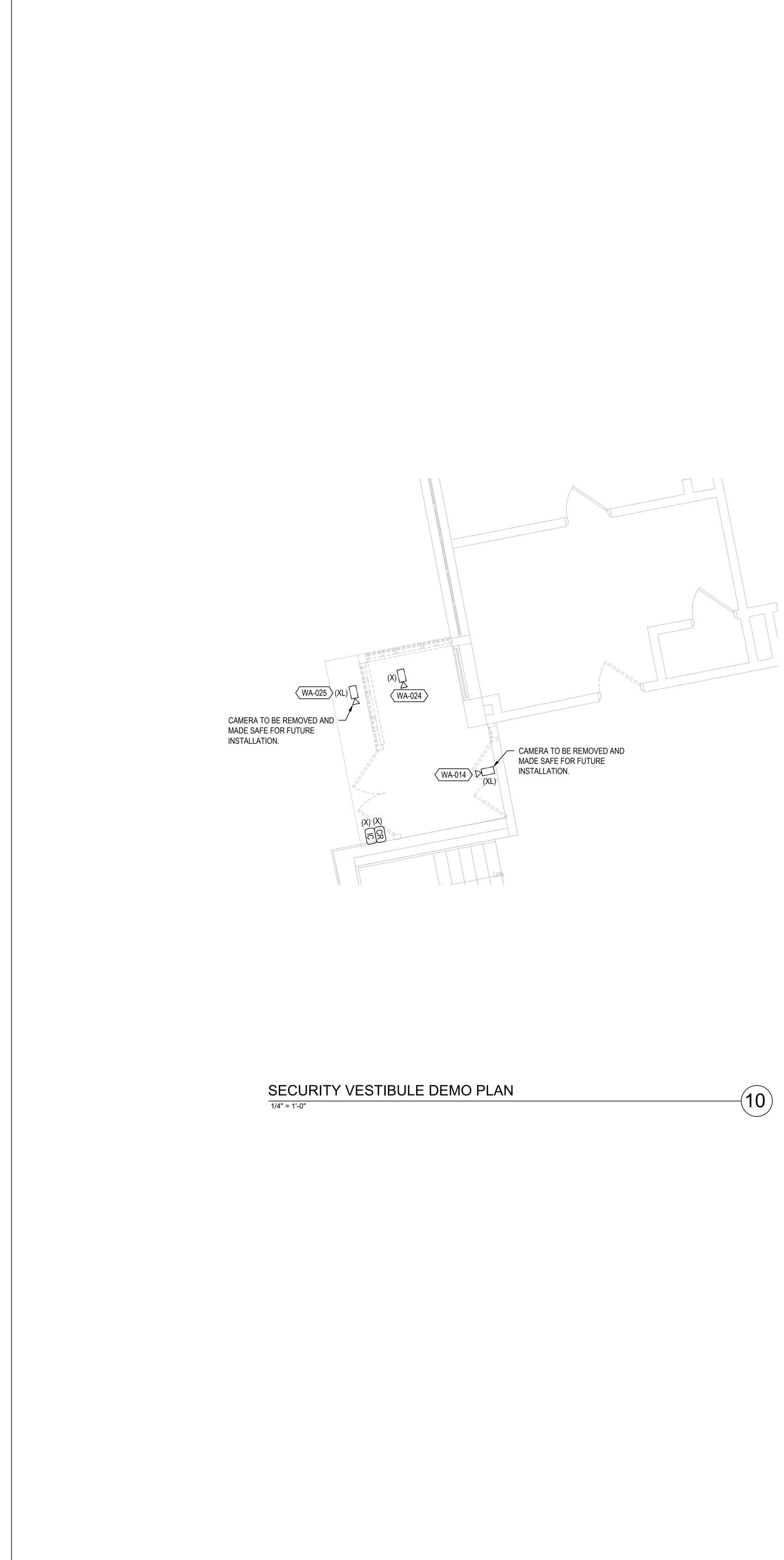


EASTCHESTER UNION FREE SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT ARCHITECT 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850 STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324 HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119
LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221
SEAL
BID SET 01/03/2023 ISSUE DATE
KEY PLAN
C7

SED PROJECT NO. 66-03-01-03-0-002-011 MEMASI PROJECT NO. 102-2202

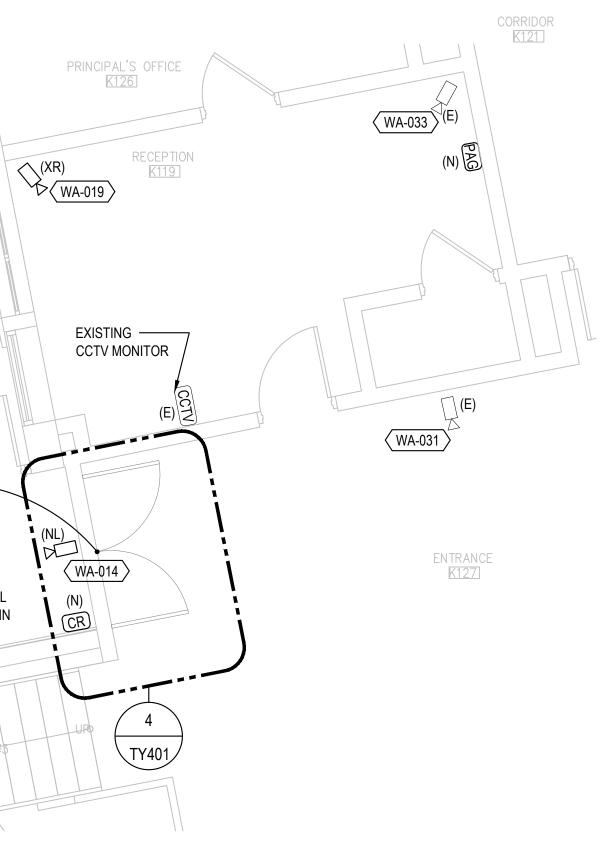






SECURITY OFFICE (WA-025) VESTIBULE K118 OLD CAMERA VISUAL ON CCTV MONITOR IN ROOM 26. 4 TY401

SECURITY VESTIBULE NEW PLAN



-20

EASTCHESTER UNION FREE SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT ARCHITECT 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119
LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803 914.693.0221
914.093.0221
SEAL
BID SET 01/03/2023 ISSUE DATE
KEY PLAN
C.

ENLARGED PLANS

66-03-01-03-0-002-011

102-2202

SED PROJECT NO.

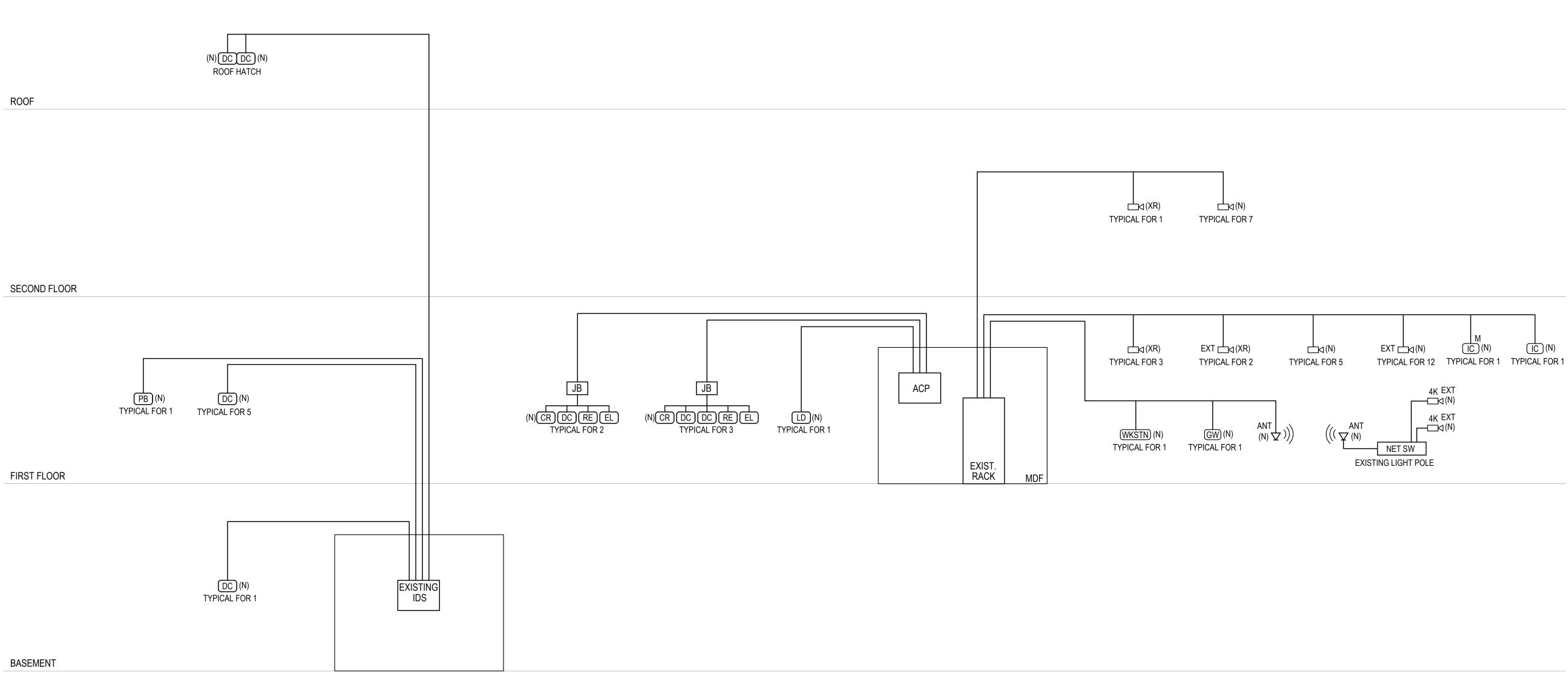
MEMASI PROJECT NO.

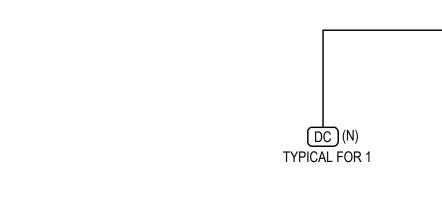


(N) DC DC (N) ROOF HATCH

ROOF

SECOND FLOOR





BASEMENT

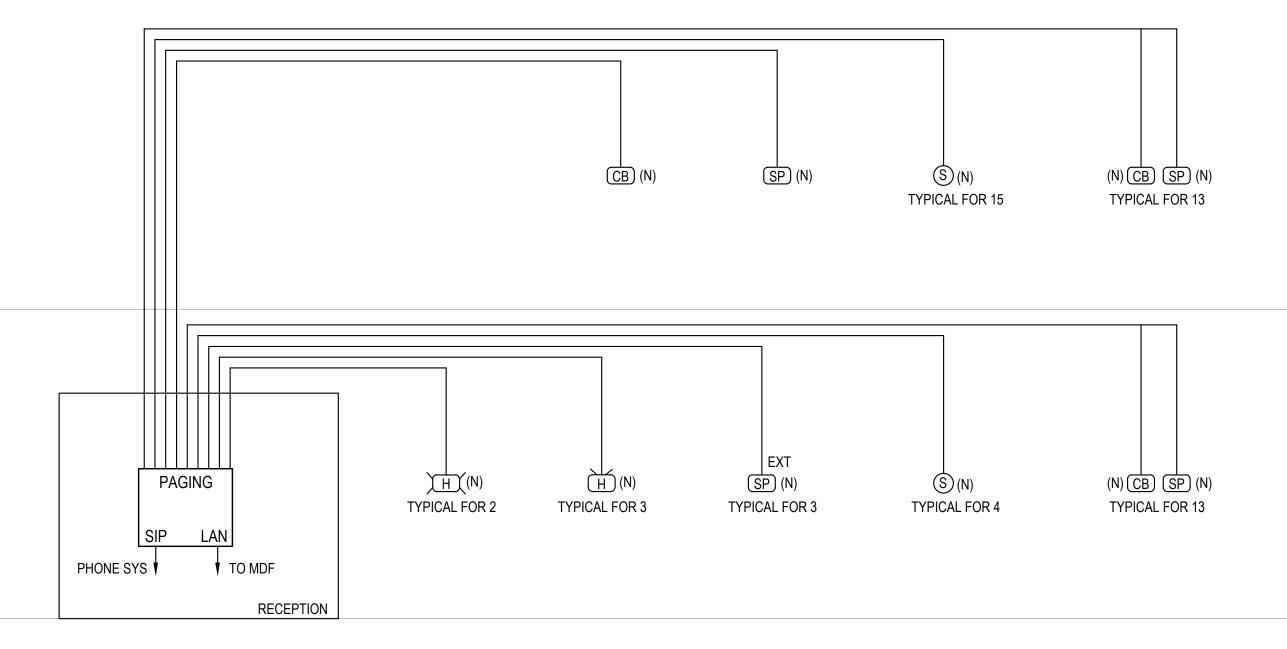
ROOF

SECOND FLOOR

FIRST FLOOR

BASEMENT

1 SECURITY RISER DIAGRAM



2 PAGING RISER DIAGRAM

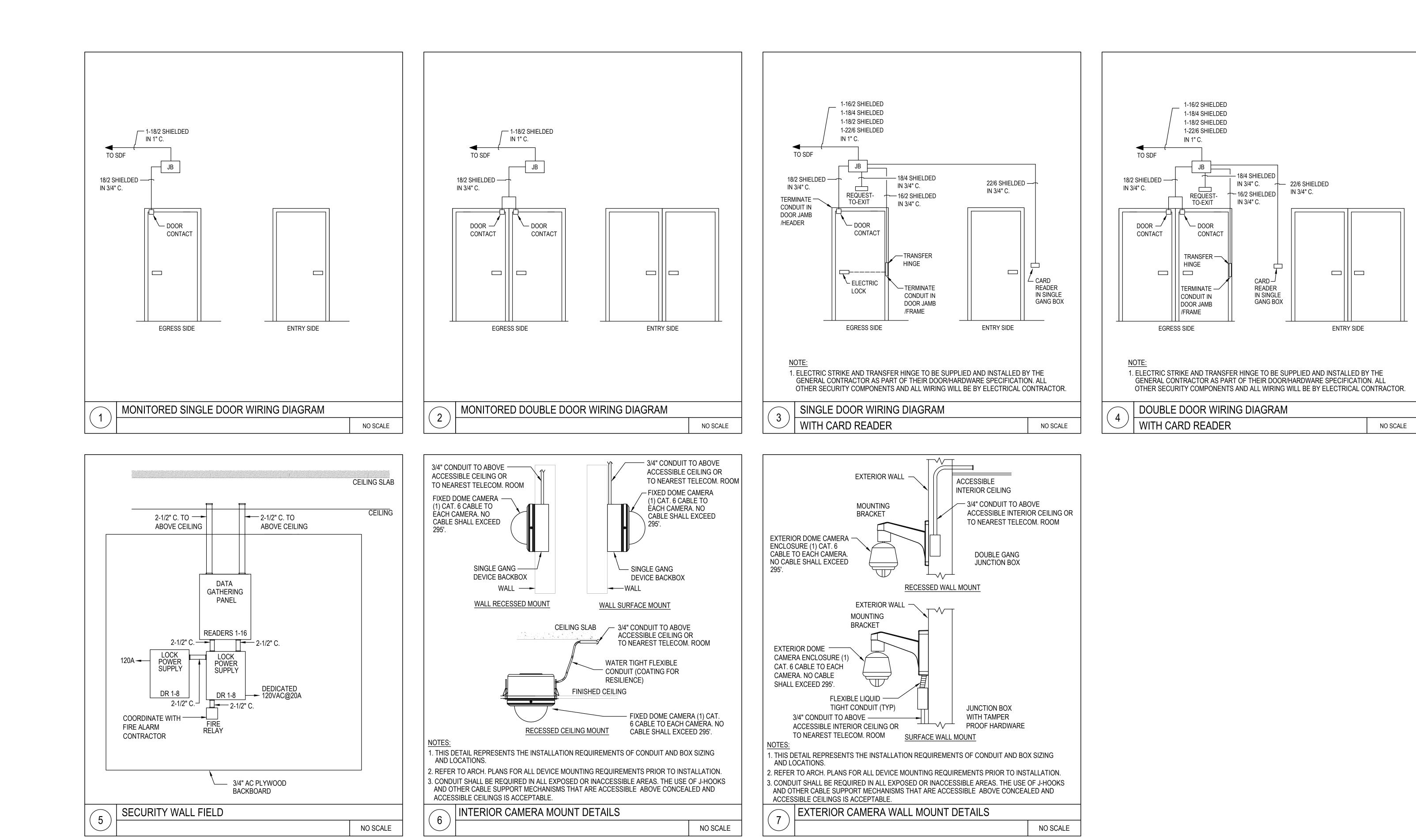
NOTE:

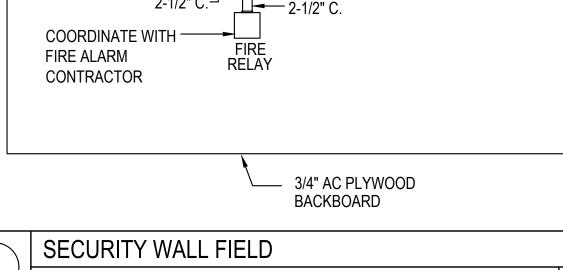
1. RISER DIAGRAM SHOWS NEW DEVICES WITH NEW CABLE AND NEW DEVICES USING EXISTING CABLE ONLY. REFER TO FLOOR PLANS FOR EXISTING DEVICES USING EXISTING CABLING TO REMAIN.

EASTCHESTER
UNION FREE
SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT
M E M A S I 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
ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10119
LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803
914.693.0221
SEAL
BID SET 01/03/2023 ISSUE DATE
KEY PLAN
\bigcirc^{ν}
SED PROJECT NO. 66-03-01-03-0-002-011

RISER DIAGRAMS







EASTCHESTER UNION FREE
SCHOOL DISTRICT
2022 CAPITAL BOND PROJECT PHASE 2
WAVERLY ELEMENTARY SCHOOL
ARCHITECT M = M A S I 2 LYON PLACE WHITE PLAINS, NY 10601 914.915.9519 MEMASIDESIGN.COM
SITE - CIVIL CONSULTANT THE LA GROUP 179 GRAHAM ROAD ITHACA, NY 14850
STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING 1000 PARK BLVD., SUITE 209 MASSAPEQUA PARK, NY 11762
MEP CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905
SECURITY CONSULTANT BUILDING TECHNOLOGY CONSULTING 992 BEDFORD STREET BRIDGEWATER, MA 02324
HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10119 LIGHTING CONSULTANT GOLDSTICK LIGHTING DESIGN 629 FIFTH AVE, #204 PELHAM, NY 10803
914.693.0221
SEAL
BID SET 01/03/2023 ISSUE DATE
KEY PLAN
A
SED PROJECT NO. 66-03-01-03-0-002-011

DETAILS

MEMASI PROJECT NO.

102-2202

