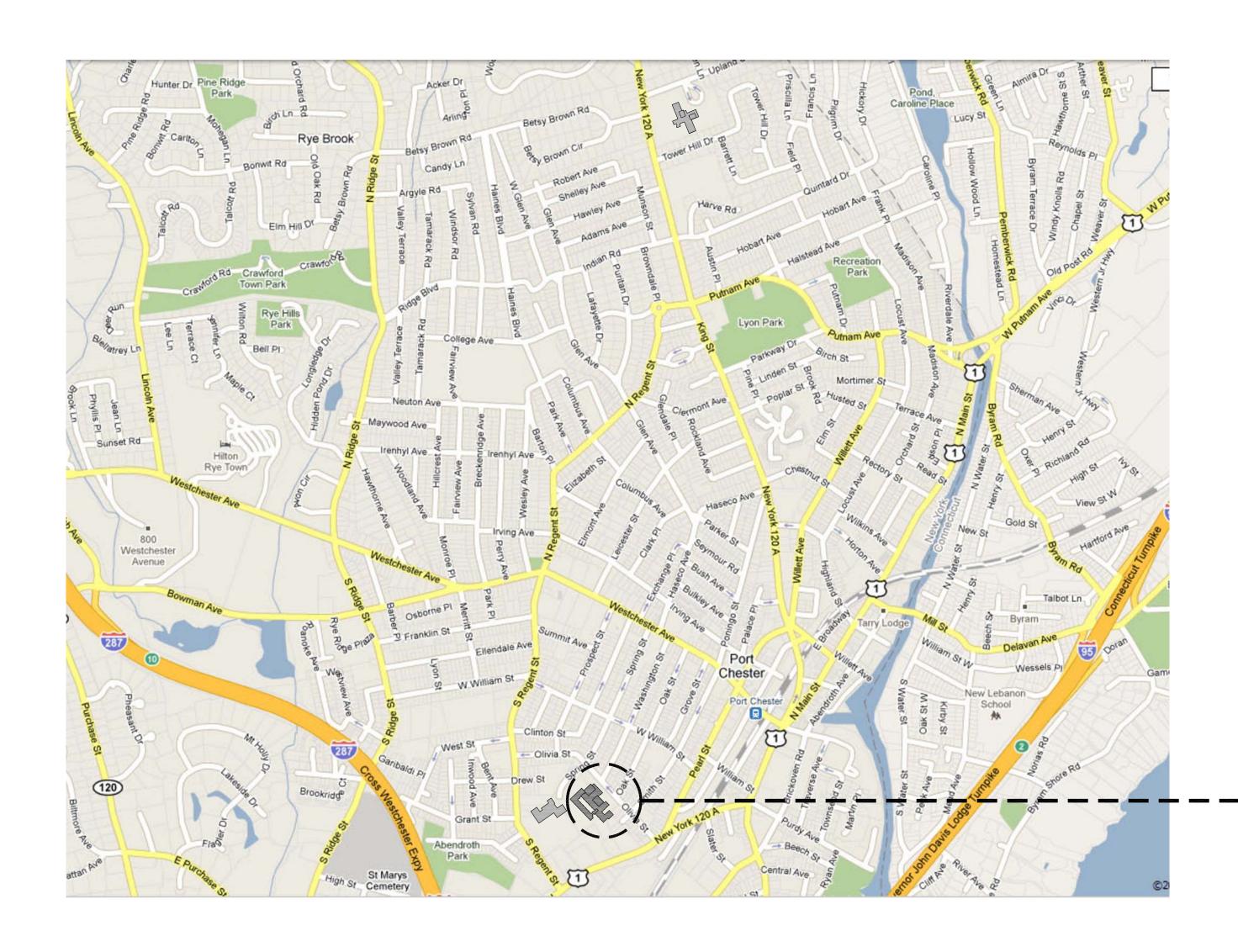
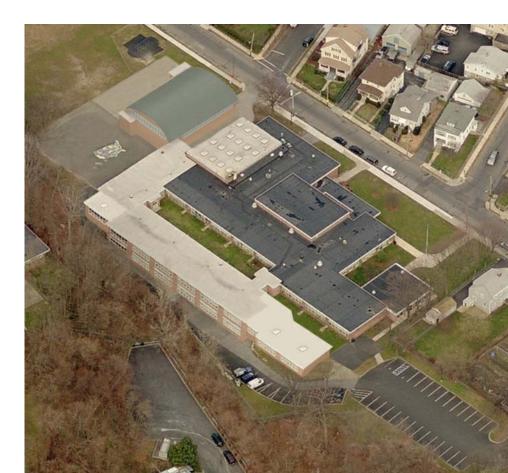
# PORT CHESTER - RYE UNION FREE SCHOOL DISTRICT

# JOHN F. KENNEDY ELEMENTARY SCHOOL FLOOD REPAIRS AND RELATED WORK

40 OLIVIA STREET, PORT CHESTER, NEW YORK 10573

SED PROJECT NO. 66-19-04-03 0-006-XXX





— JOHN F. KENNEDY ELEMENTARY SCHOOL



ARCHITECTS
PLANNERS

45 KNOLLWOOD ROAD ELMSFORD NEW YORK 10523
TEL 914.592.4444 FAX 914.592.1717

WWW.FULLERDANGELO.COM

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CONSULTANTS:

MECHANICAL, PLUMBING AND ELECTRICAL:

BARILE GALLAGHER & ASSOCIATES

39 MARBLE AVENUE PLEASANTVILLE, N.Y. 10570 TEL: (914) 328-6060 10-18-2021
DATE

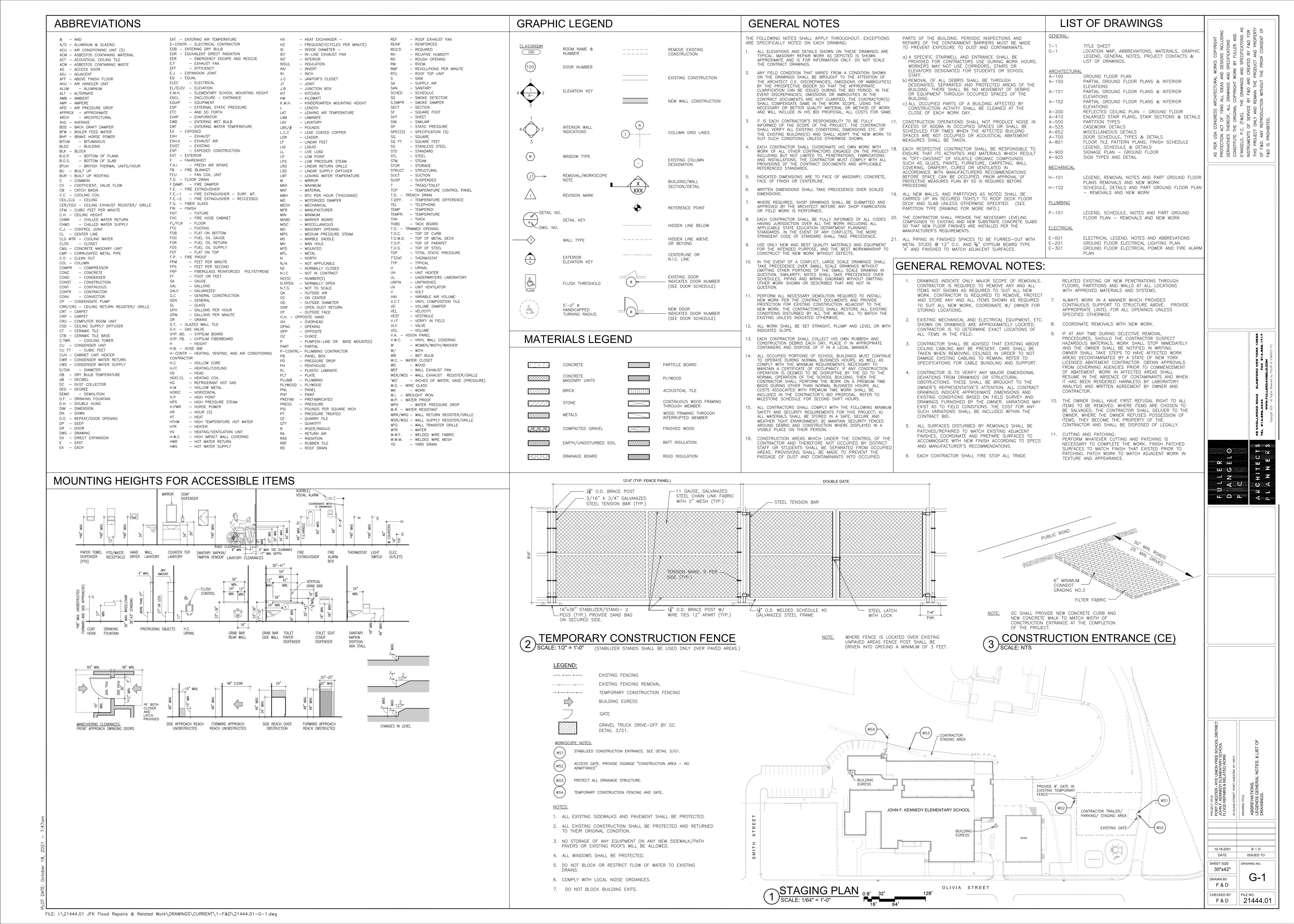
SHEET SIZE
30"x42"

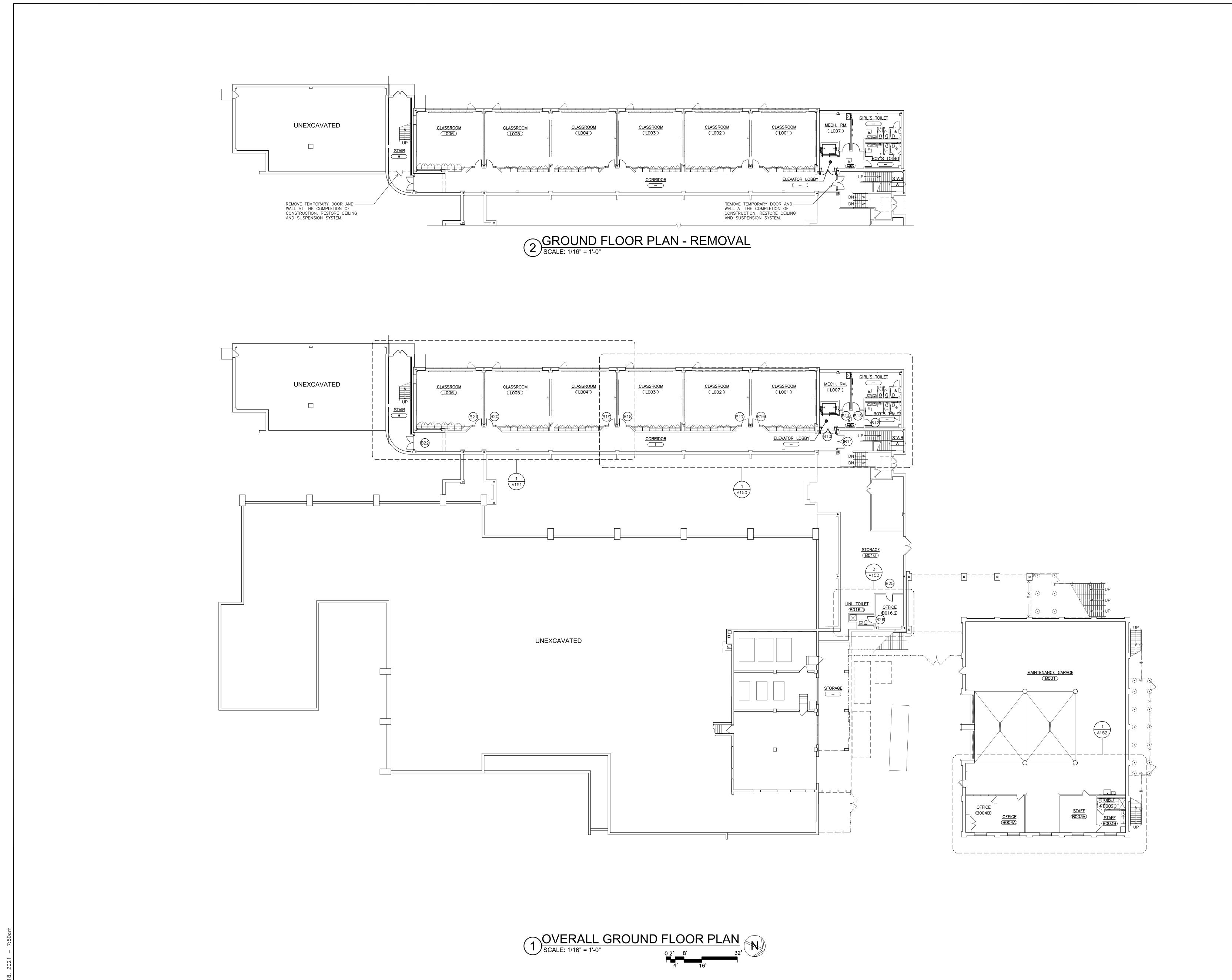
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21444.01

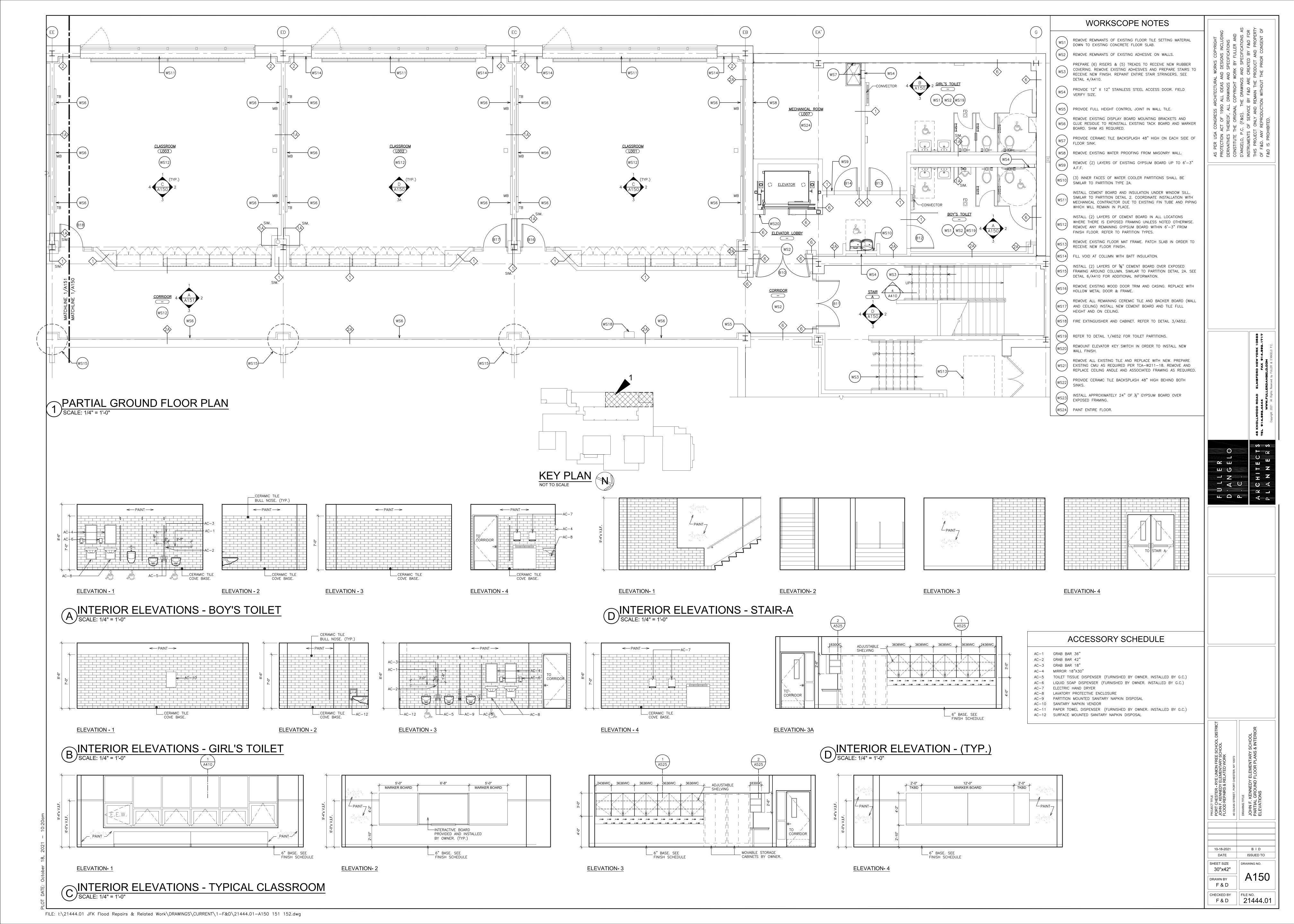


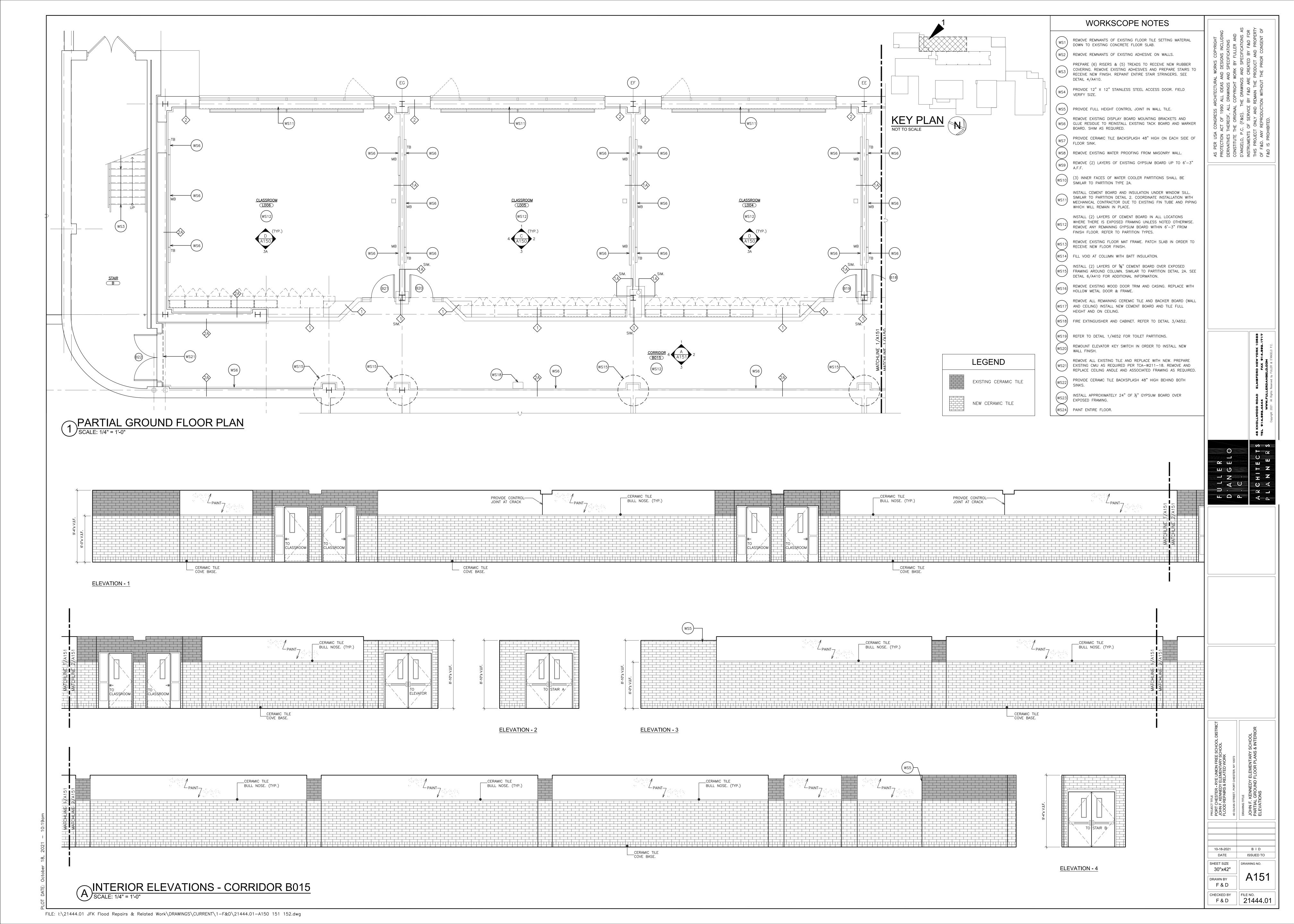


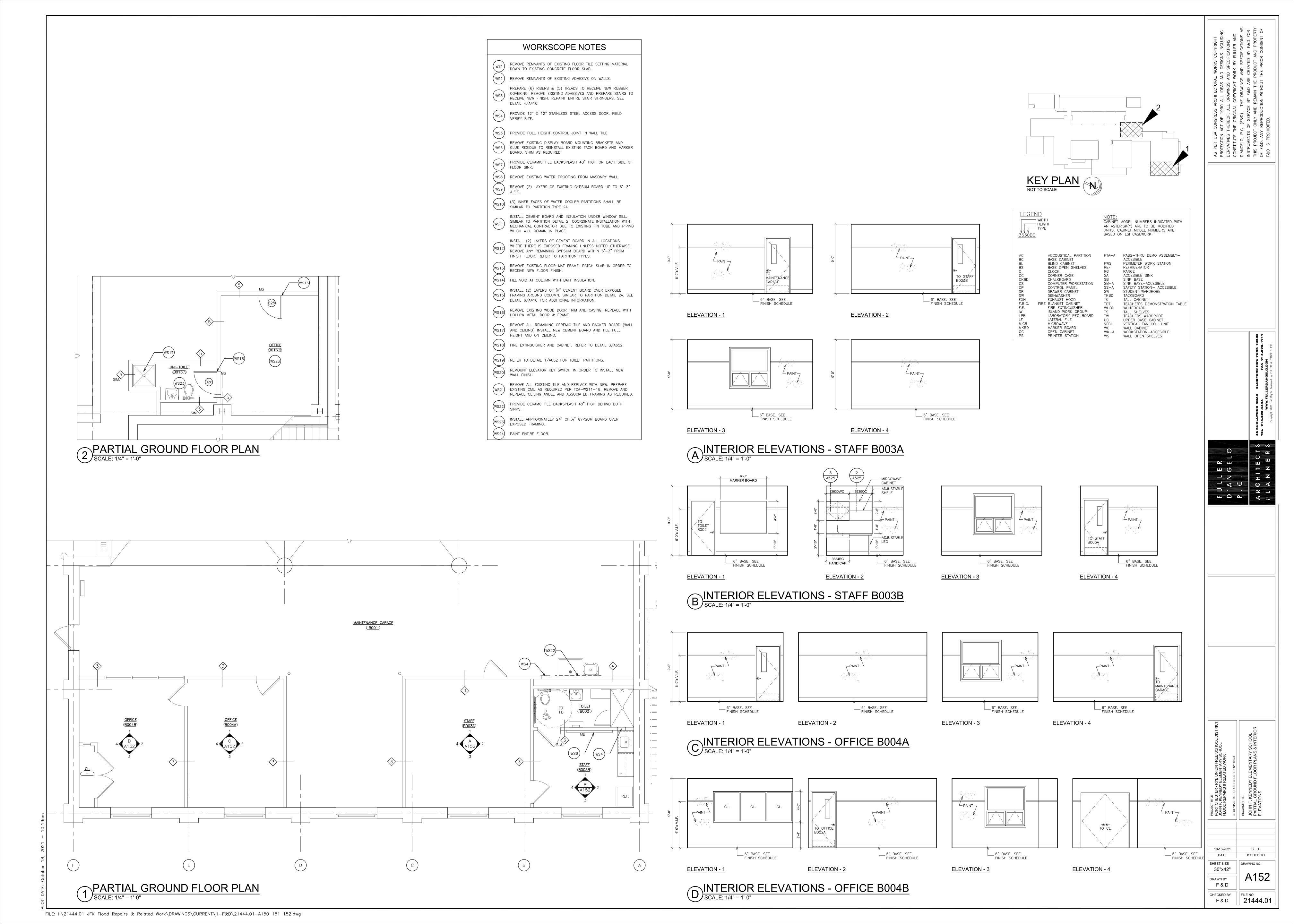
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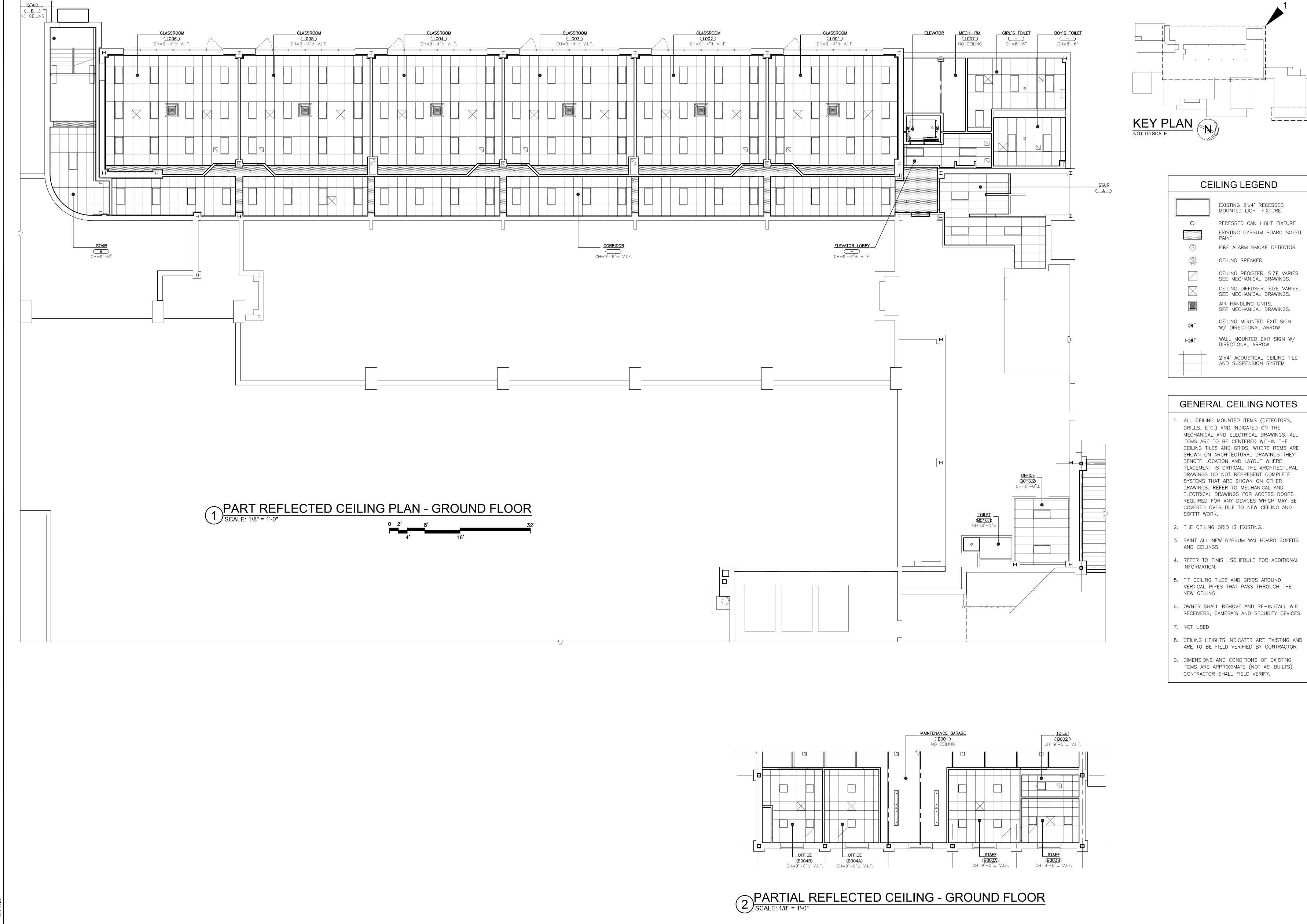
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EXISTING GYPSUM BOARD SOFFIT CEILING REGISTER. SIZE VARIES. SEE MECHANICAL DRAWINGS. CEILING DIFFUSER. SIZE VARIES. WALL MOUNTED EXIT SIGN W/ DIRECTIONAL ARROW 2'x4' ACOUSTICAL CEILING TILE

> 10-18-2021 BID DATE ISSUED TO

SHEET SIZE 30"x42"

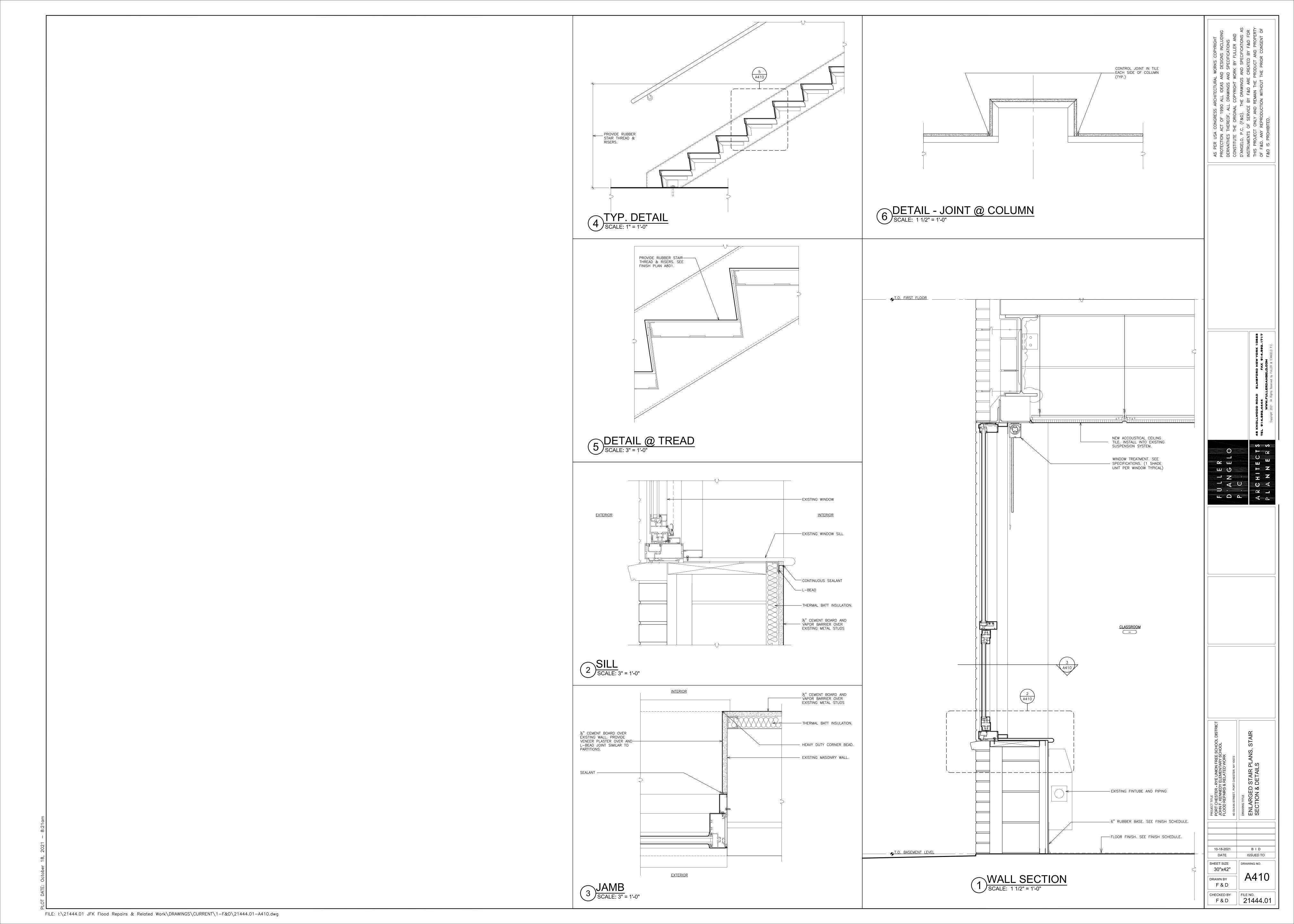
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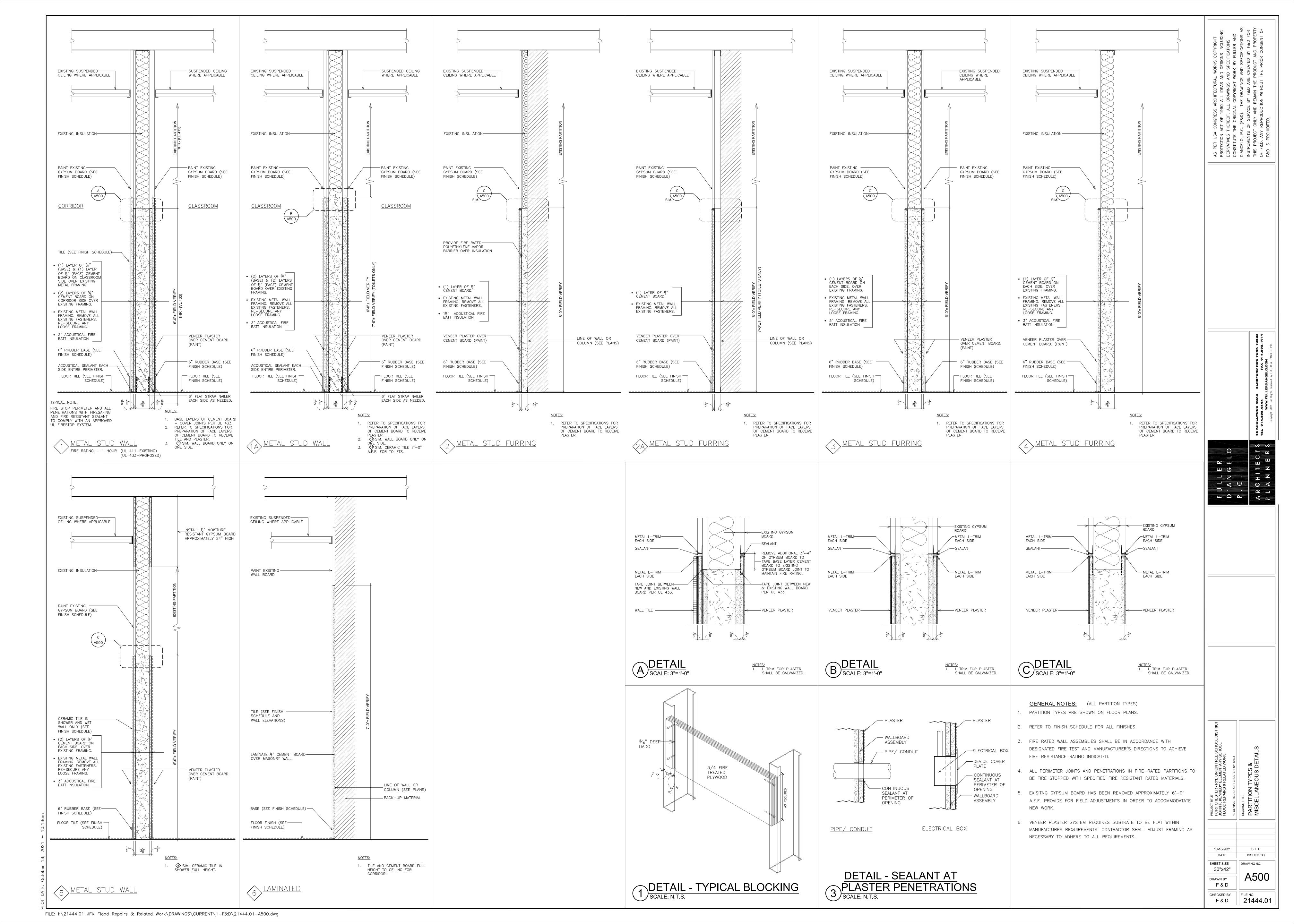
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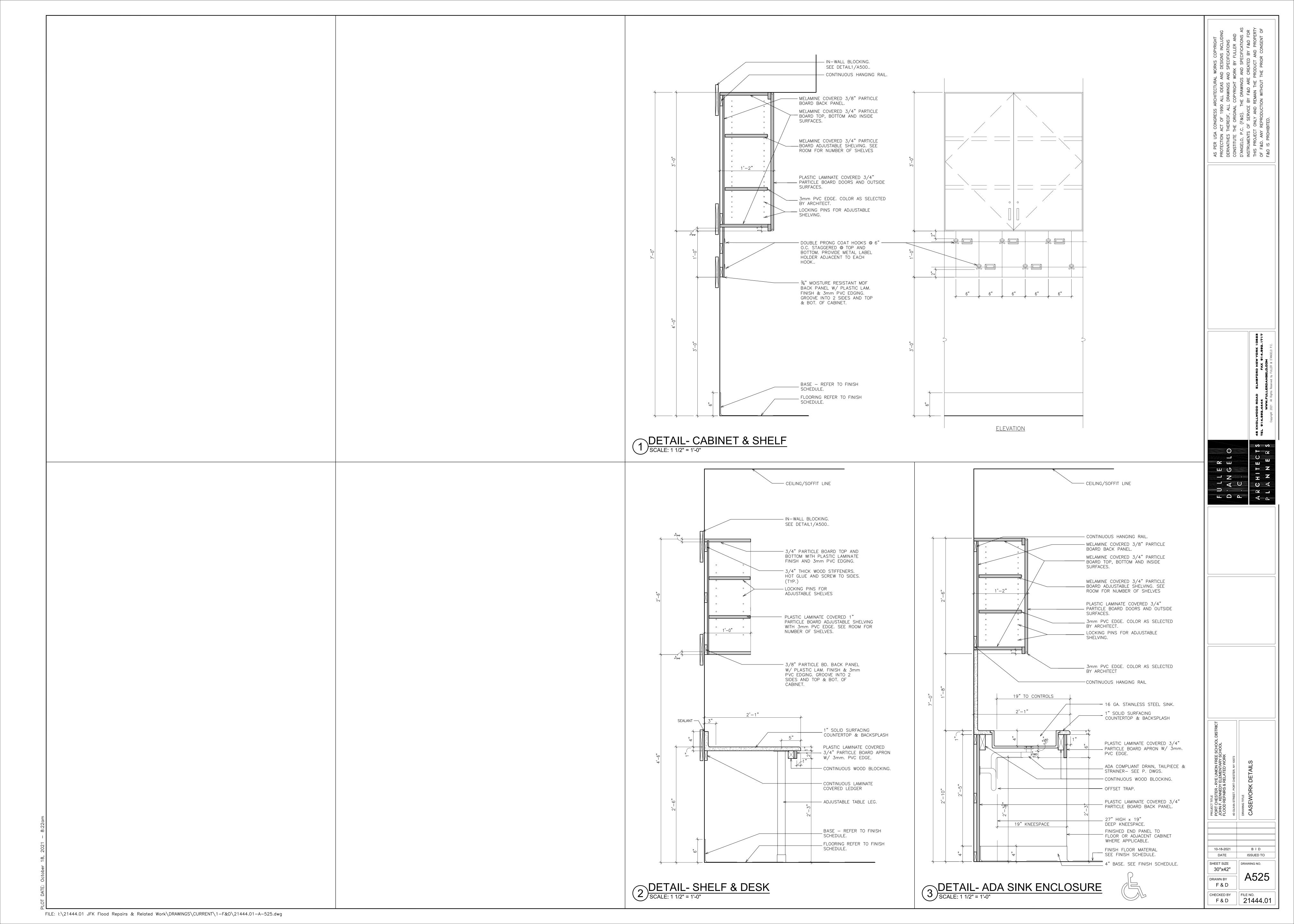
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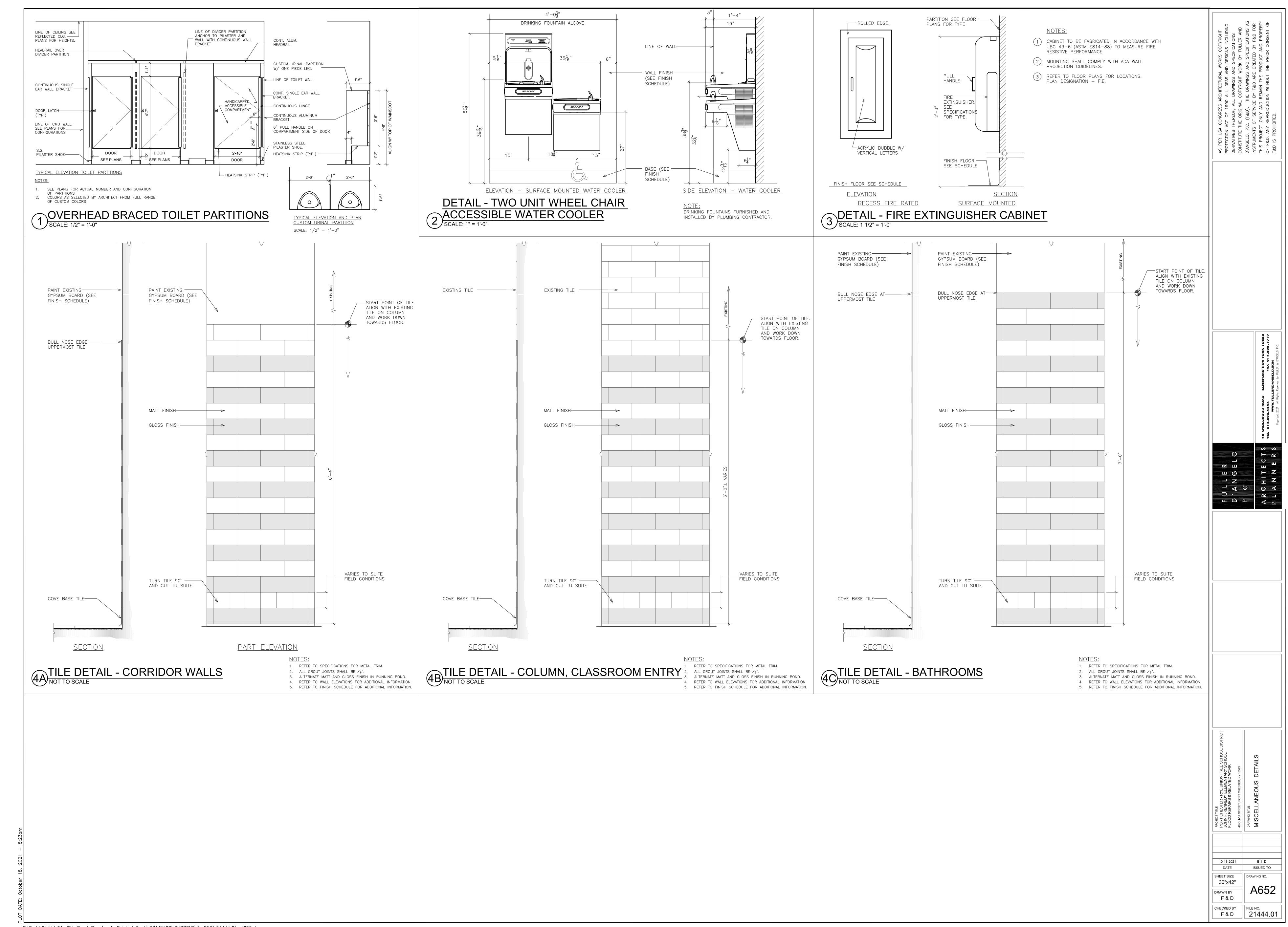
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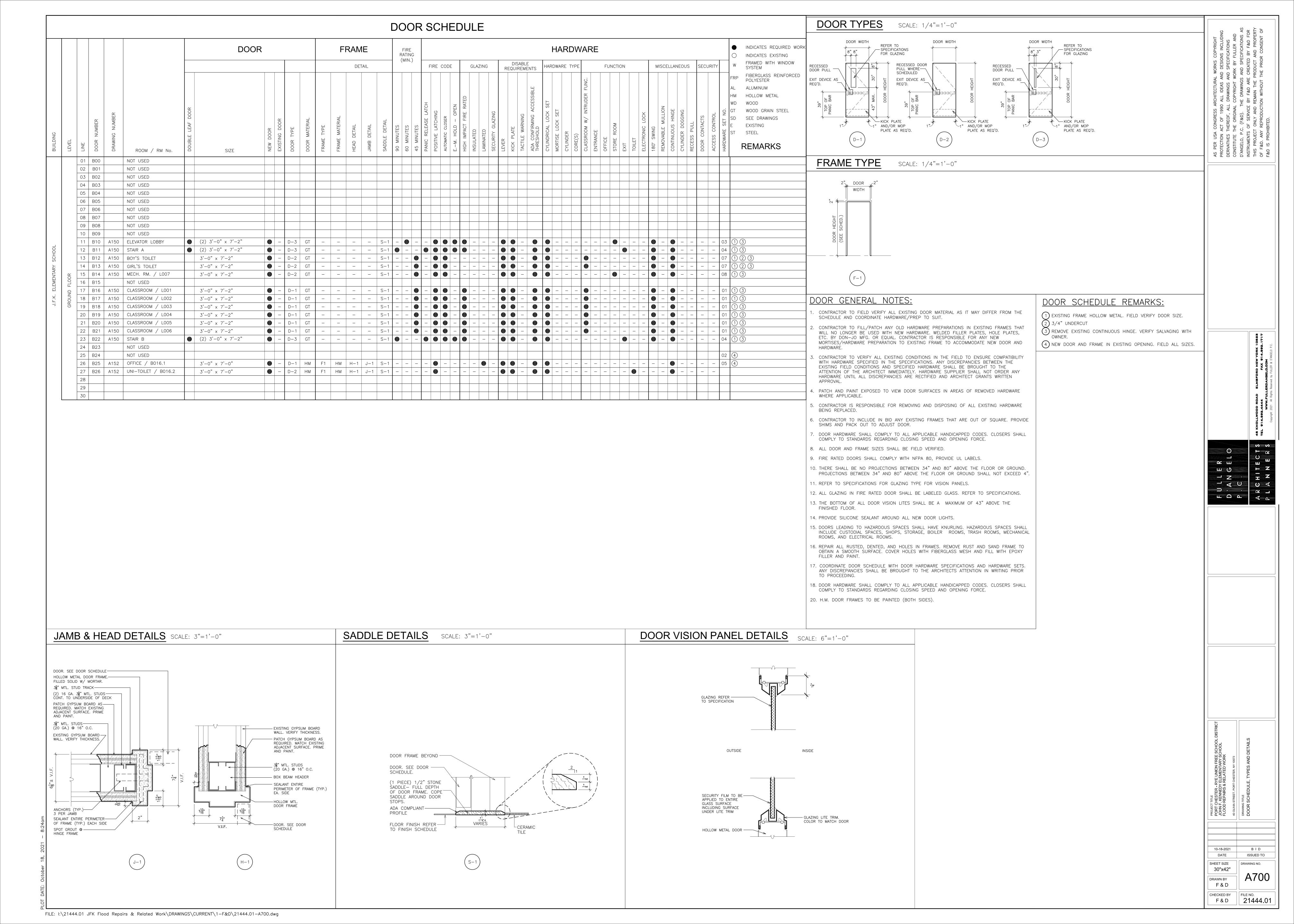
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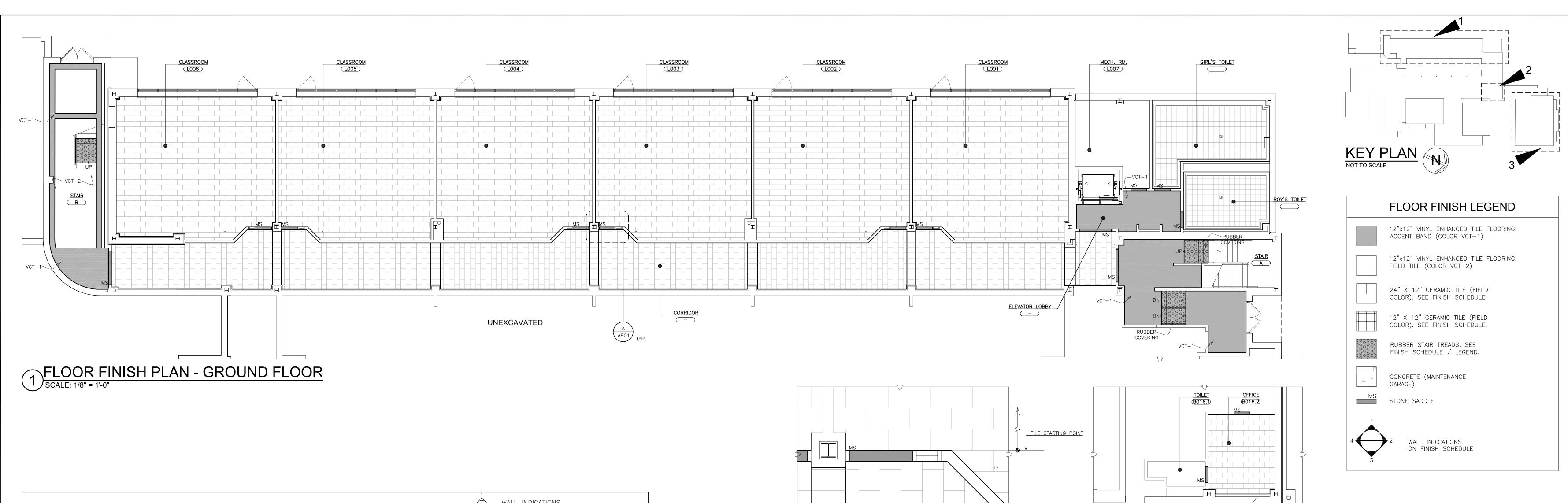












	FINISH SCHEDULE											4 2 WALL INDICATIONS ON PLAN						
						BASE						TF	RIM	C	ASEWORK	(		
BLDG.	AREA	LINE	DESIGNATION	RM. No.	FLOOR	(MAT.)	WALL 1	WALL 2	WALL 3	WALL 4	CLG.	DOORS	DOOR FRAMES	CABINETS	COUNTER TOPS	EDGE	REMARKS	
		01	NOT USED															
		02	ELEVATOR LOBBY	_	VCT-1	RB-1	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	ACT-1	_	P-5	_	_	-	3 6 8	
		03	STAFF	B003A	CT-3	RB-1	P-1	P-1	P-1	P-1	ACT-2	_	_	_	_	-	1 9	
		04	STAFF	B003B	CT-3	RB-1	P-1	P-1	P-1	P-1	ACT-2	_	_	PL-1	COT-1	EG-1	1 9	
		05	OFFICE	B004A	CT-3	RB-1	P-1	P-1	P-1	P-1	ACT-2	_	_	_	_	_	1 9	
		06	OFFICE	B004B	CT-3	RB-1	P-1	P-1	P-1	P-1	ACT-2	_	_	_	_	_	1 9	
ا ا		07	BOY'S TOILET	_	CT-3	CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	ACT-1	_	P-5	_	_	_	1 3 6 8 9	
SCHOO		08	GIRL'S TOILET	_	CT-3	CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	ACT-1	_	P-5	_	_	_	1 3 6 8 9	
	FLOOR	09	MECHANICAL ROOM	L007	P-8	RB-1	_	_	_	_	-	_	P-5	_	_	_		
EMENTARY		10	CLASSROOM	L001	CT-3	RB-1	P-1	P-1	P-1	P-4	ACT-1/ P-2	_	P-5	PL-1	COT-1	EG-1	1 2 9	
MEN	GROUND	11	CLASSROOM	L002	CT-3	RB-1	P-1	P-4	P-1	P-1	ACT-1/ P-2	_	P-5	PL-1	COT-1	EG-1	1 2 9	
	GRC	12	CLASSROOM	L003	CT-3	RB-1	P-1	P-1	P-1	P-4	ACT-1/ P-2	_	P-5	PL-1	COT-1	EG-1	1 2 9	
J.F.K.		13	CLASSROOM	L004	CT-3	RB-1	P-1	P-4	P-1	P-1	ACT-1/ P-2	_	P-5	PL-1	COT-1	EG-1	1 2 9	
J.		14	CLASSROOM	L005	CT-3	RB-1	P-1	P-1	P-1	P-4	ACT-1/ P-2	_	P-5	PL-1	COT-1	EG-1	1 2 9	
		15	CLASSROOM	L006	CT-3	RB-1	P-1	P-4	P-1	P-1	ACT-1/ P-2	_	P-5	PL-1	COT-1	EG-1	1 2 9	
		16	STAIR B	_	VCT-1	RB-1	P-1	P-1	P-1	P-1	-	_	P-5	_	_	_	4	
		17	CORRIDOR	_	CT-3	CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	ACT-1	_	P-5	_	_	_	1 3 6 8 9	
		18	STAIR A	_	VCT-1	CT-2	CT-1 CT-2	P-1	CT-1 CT-2	CT-1 CT-2	_	_	_	_	_	_	1 5 6 7 8 9	
		19	TOILET	B016.1	CT-3	CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	CT-1 CT-2	_	P-5	P-5	_	_	_	7 9	
		20	OFFICE	B016.2	CT-3	RB-1	P-1	P-1	P-1	P-1	ACT-1	P-5	P-5	_	_	_	9	

		FIN	NISH SCHEDULE LEGEND		NOTE: ALL FINISHES SHALL BE CLASS "A"
EGEND	SIZE	MANUFACTURER	SERIES/MODEL NO./ COLOR	DESCRIPTION	LOCATION / REMARKS
P-1	_	BENJAMIN MOORE	HC-81 / MANCHESTER TAN	EGGSHELL FINISH	WALLS
P-2	_	BENJAMIN MOORE	I-01 / WHITE	FLAT FINISH	SOFFITS & CEILINGS
P-3	_	BENJAMIN MOORE	AC-32 / PISMO DUNES	SEMI-GLOSS FINISH	ANY DOOR NEEDED TO BE PAINTED
P-4	_	BENJAMIN MOORE	HC-35 / POWELL BUFF	EGGSHELL FINISH	ACCENT WALLS
P-5	_	BENJAMIN MOORE	2112-30 STONE BROWN	SEMI-GLOSS FINISH	DOOR FRAMES
P-6	_	BENJAMIN MOORE	2111-40 / TAOS TAUPE	SEMI-GLOSS FINISH	RAILINGS
P-7	_	BENJAMIN MOORE	2111-50 / STONE HARBOR	SEMI-GLOSS FINISH	STAIR PANS
P-8	-	BENJAMIN MOORE	C112	HIGH GLOSS	FLOOR
ACT-1	2'x4'	ARMSTRONG	551 / CIRRUS HIGH-NRC / TEGULAR	ACOUSTICAL CEILING TILE	CLASSROOMS
ACT-2	2'x2'	ARMSTRONG	556 / CIRRUS HIGH-NRC / TEGULAR	ACOUSTICAL CEILING TILE	OFFICES
VCT-1	12"x12"	TARKETT	CE104 / WARM & FUZZY	VINYL ENHANCED TILE	CLASSROOMS + CORRIDORS
VCT-2	12"×12"	TARKETT	CE101 / LINEN	VINYL ENHANCED TILE	CLASSROOMS + CORRIDORS
CT-1	4"x12"	PROSPEC LLC.	PROLINEAR CREAM MATT	WALL TILE	TOILETS / CORRIDOR
CT-2	4"x12"	PROSPEC LLC.	PROLINEAR CREAM GLAZE	WALL TILE	TOILETS / CORRIDOR (GLAZE TO BE USED FOR ALL BASES)
CT-3	12"x24"	PROSPEC LLC.	WAVE COLLECTION	FLOOR TILE	
SH-1	-	SCHLUTER	RONDEC AC — STAINLESS	CORNER FOR TILES	
RB-1	6" HIGH	JOHNSONITE	80 FAWN CB	RUBBER BASE	
ST-1	_	JOHNSONITE	RUBBER STAIR TREAD — MATCH EXISTING COLOR	HAMMERED SURFACE	FOR RISERS + TREADS ( STAIR-B )
ST-2	-	JOHNSONITE	RUBBER STAIR TREAD - MATCH EXISTING COLOR	TEXTURED SURFACE	FOR RISERS + TREADS ( STAIR-A )
PL-1	_	WILSONART	439-60 / WALLABY	PLASTIC LAMINATE	CABINETS
EG-1	-	CHARTER INDUSTRIES	F929-OYSTER GREY	EDGE BAND	CABINET EDGES

#### MATERIAL REMARKS FOR FINISH SCHEDULE

**ABBREVIATIONS** PLANS FOR ADDITIONAL INFORMATION.

ACOUSTIC CEILING TILE ACOUSTIC SOUND ATTENUATION PANEL BRICK

CERAMIC TILE CARPET FLOOR PAINT PAINT PLASTER PLASTIC LAMINATE VINYL COMPOSITION TILE

MASONRY CONC.A. -CONCRETE GYPSUM BOARD WOOD RUBBER BASE EPOXY FLOORING

SOLID SURFACING TOILET PARTITION TERRAZZO TILE VINYL ACOUSTIC FLOORING RUBBER TILE HIGH IMPACT WALL PANEL

THIN BRICK DEWC -DRY ERASE WALL COVERING URINAL SCREEN

DETAIL - TILE STARTING POINT
SCALE: 1/2" = 1'-0"

(1) REFER TO WALL ELEVATIONS AND REFLECTED CEILING

(2) PAINT SOFFITS.

3 USE P-1 ABOVE WALL TILE 4) USE ST-1 FOR STAIR-B (5) USE ST-2 FOR STAIR-A

6) USE SH-1 FOR TILE EDGES. 7) WALL TILE FULL HEIGHT TO CEILING. 8 SEE TILE DETAILS ON DRAWING A652.

9 FLOOR TILE SUPPLIED BY OWNER FOR INSTALLATION BY CONTRACTOR.

# **GENERAL FINISH NOTES:**

1. SEE REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

2. CLEAN, SCRAPE, PATCH/ REPAIR ALL SURFACES SCHEDULED TO BE PAINTED.

3. PATCH / REPAIR AND PAINT ALL AREAS DISTURBED IN NEW WORK, MATCH EXISTING ADJACENT FINISHES.

4. ALL NEW CERAMIC TILE SHALL BE THINSET UNLESS OTHERWISE NOTED.

PAINT AREAS AS SHOWN ON DRAWINGS OR AS INSTRUCTED IN STRICT ACCORDANCE WITH THE PUBLISHED INSTALLATION SPECIFICATIONS OF THE MANUFACTURER OF THE MATERIALS USED. PREPARE ALL SURFACES TO BE PAINTED IN ACCORDANCE TO MPI REQUIREMENTS.

6. ITEMS NOTES THUS - INDICATE EXISTING ITEMS TO REMAIN UNDISTURBED UNLESS NOTED OTHERWISE. PATCH/PAINT DAMAGED AREAS AS REQUIRED.

7. ITEMS NOTED THUS PINDICATE NEW AND EXISTING ITEMS TO BE PAINTED.

8. ITEMS NOTED THUS X-P INDICATE EXISTING ITEMS TO BE PAINTED ONLY WITHIN THE IMMEDIATE VICINITY OF GENERAL WORK TO BE PAINTED. MINIMUM 4' EACH WAY.

9. ITEM NOTED THUS ARE NOT APPLICABLE.

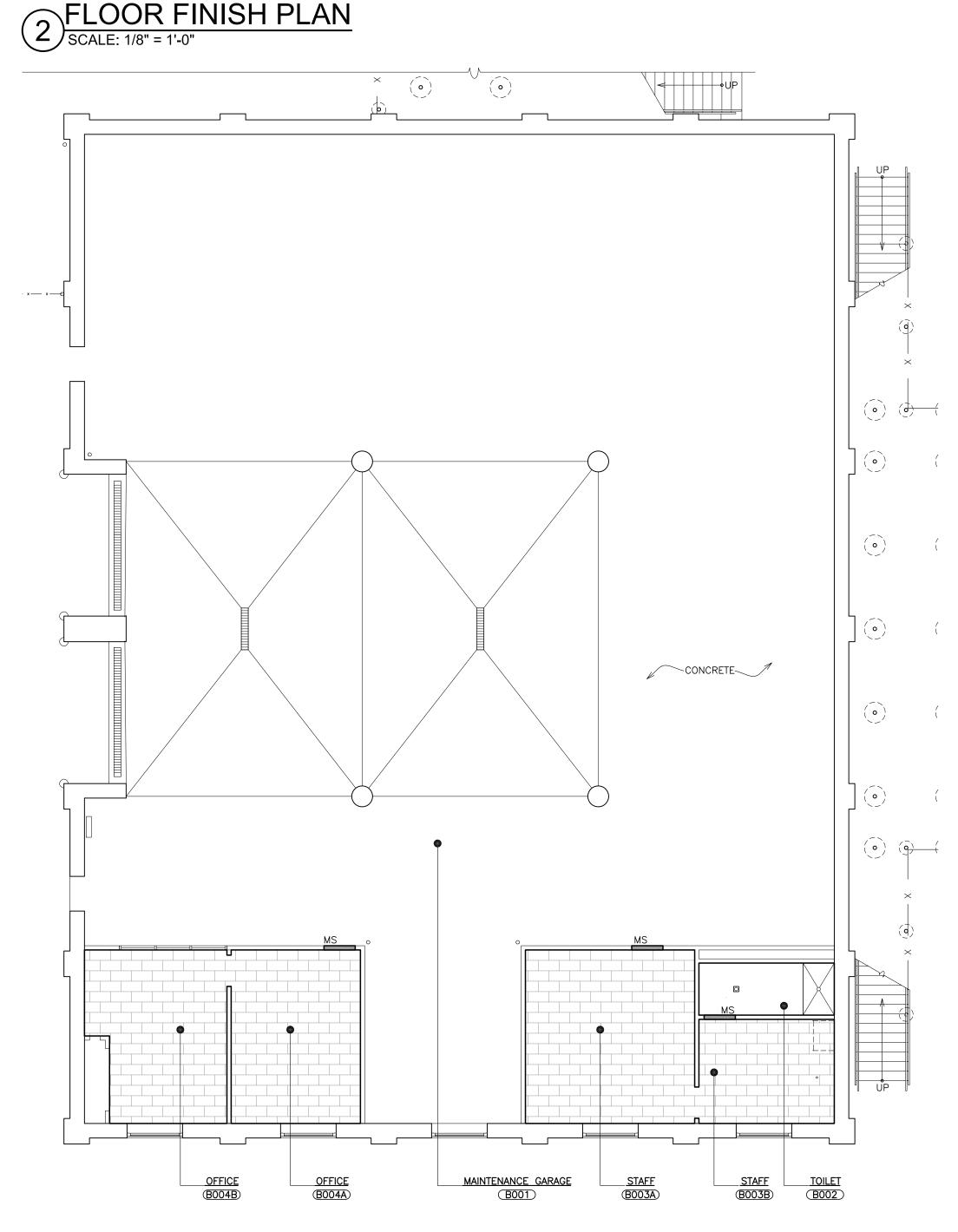
10. <u>CLEANING AND TOUCH-UP:</u> UPON COMPLETION, CONTRACTOR SHALL TOUCH UP AND RESTORE ALL DAMAGED FINISHED AND CLEAN AND POLISH ALL SURFACES.

11. ALL WOOD DOORS TO BE BE FACTORY FINISHED. COLOR TO MATCH EXISTING.

12. PROVIDE CEMENTITIOUS SELF-LEVELING CONCRETE OVER ALL EXISTING FLOORS RECEIVING NEW FINISH. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR FINISH TYPE. PAINT ALL DOORFRAMES.

13. THE PLUMBING CONTRACTOR SHALL INSTALL SEALANT AROUND ENTIRE PERMITER OF ALL TOILET FIXTURES. MATCH COLOR OF FIXTURE.

14. PAINT ALL MISCELLANEOUS METAL ITEMS (INTERIOR & EXTERIOR) INCLUDING BUT NOT LIMITED TO THE FOLLOWING: STEEL STAIR STRUCTURE, GUARDRAILS, BALUSTERS, POSTS, WIRE MESH PARTITIONS, SOFFITS, LINTEL ANGLES, PIPING (AS REQUIRED BY O.S.H.A.), EXPOSED STEEL CHANNELS, ROOF HATCHES, ACCESS LADDERS, FLOOR ACCESS HATCHES AND FRAMES, ECT. COLOR SELECTED BY ARCHITECT.



PROJECT TITLE
PORT CHESTER - RYE UNION
JOHN F. KENNEDY ELEMENT
FLOOD REPAIRS & RELATED
40 OLIVIA STREET, PORT CHESTER, IN
DRAWING TITLE
JOHN F. KENNEDY ELEMI
FLOOR TILE PATTERN PL

10-18-2021

DATE

SHEET SIZE 30"x42"

DRAWN BY

F&D

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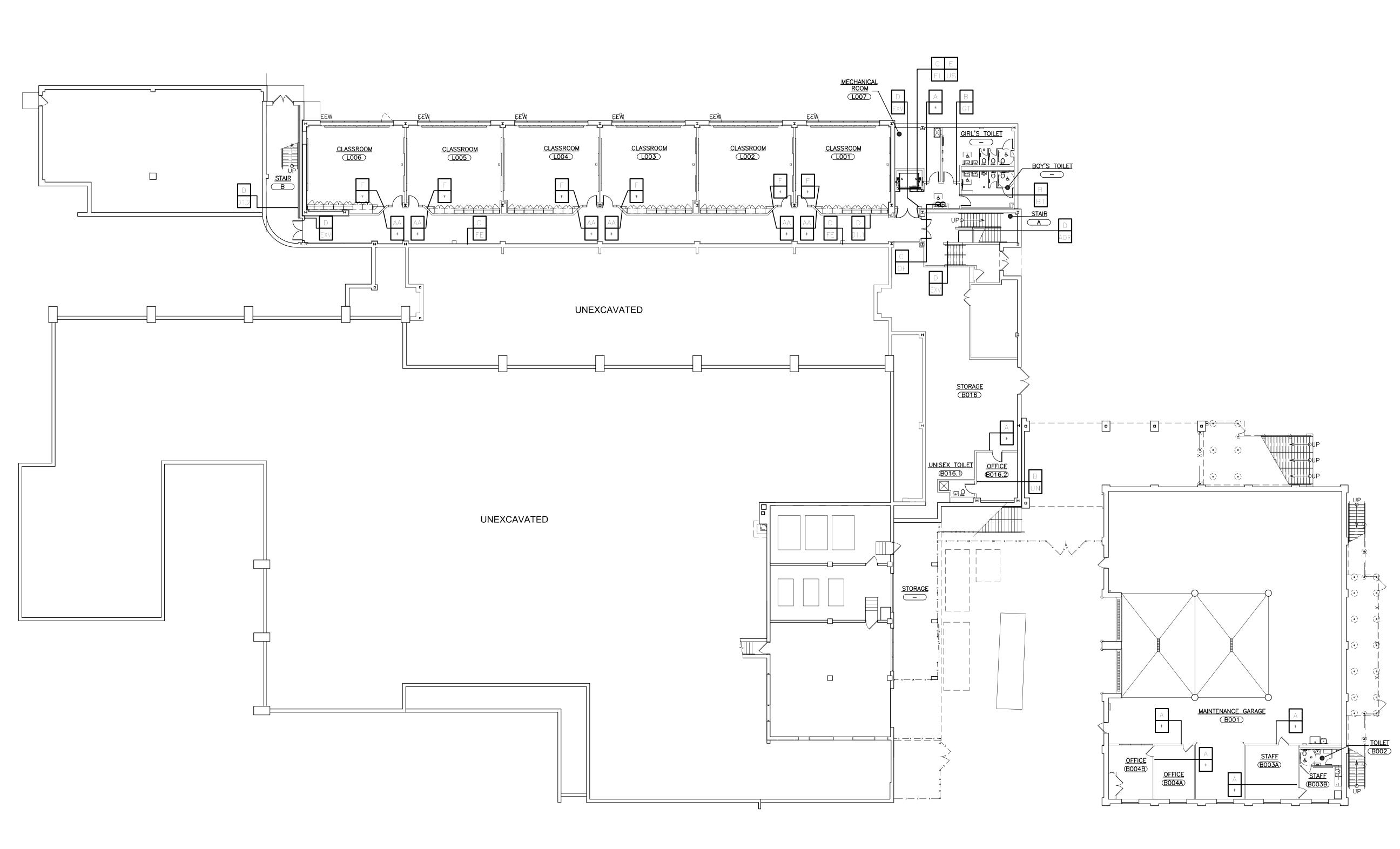
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BID

ISSUED TO

3 FLOOR FINISH PLAN - GROUND FLOOR SCALE: 1/8" = 1'-0"

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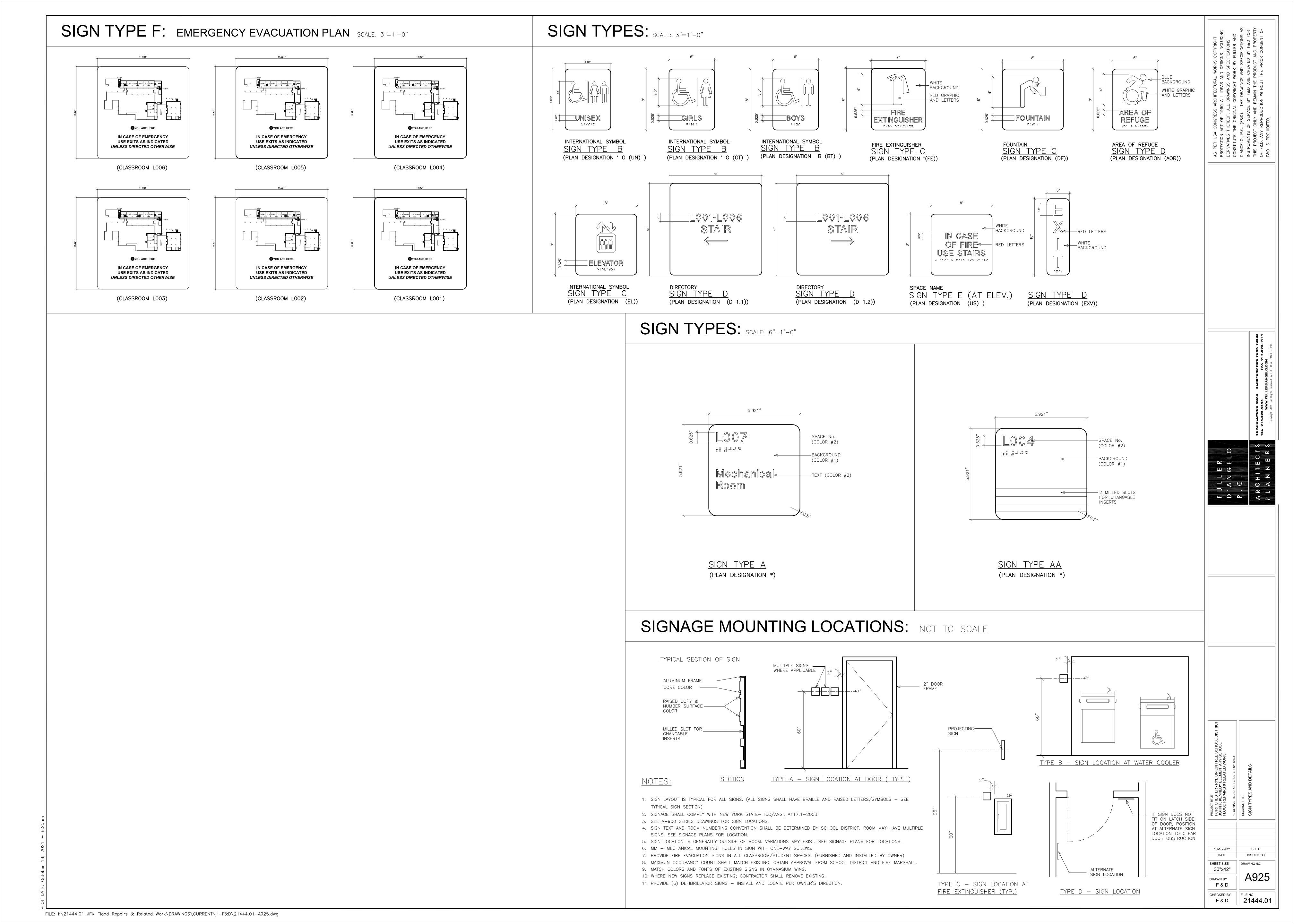
SIGNAGE PLAN - GROUND FLOOR

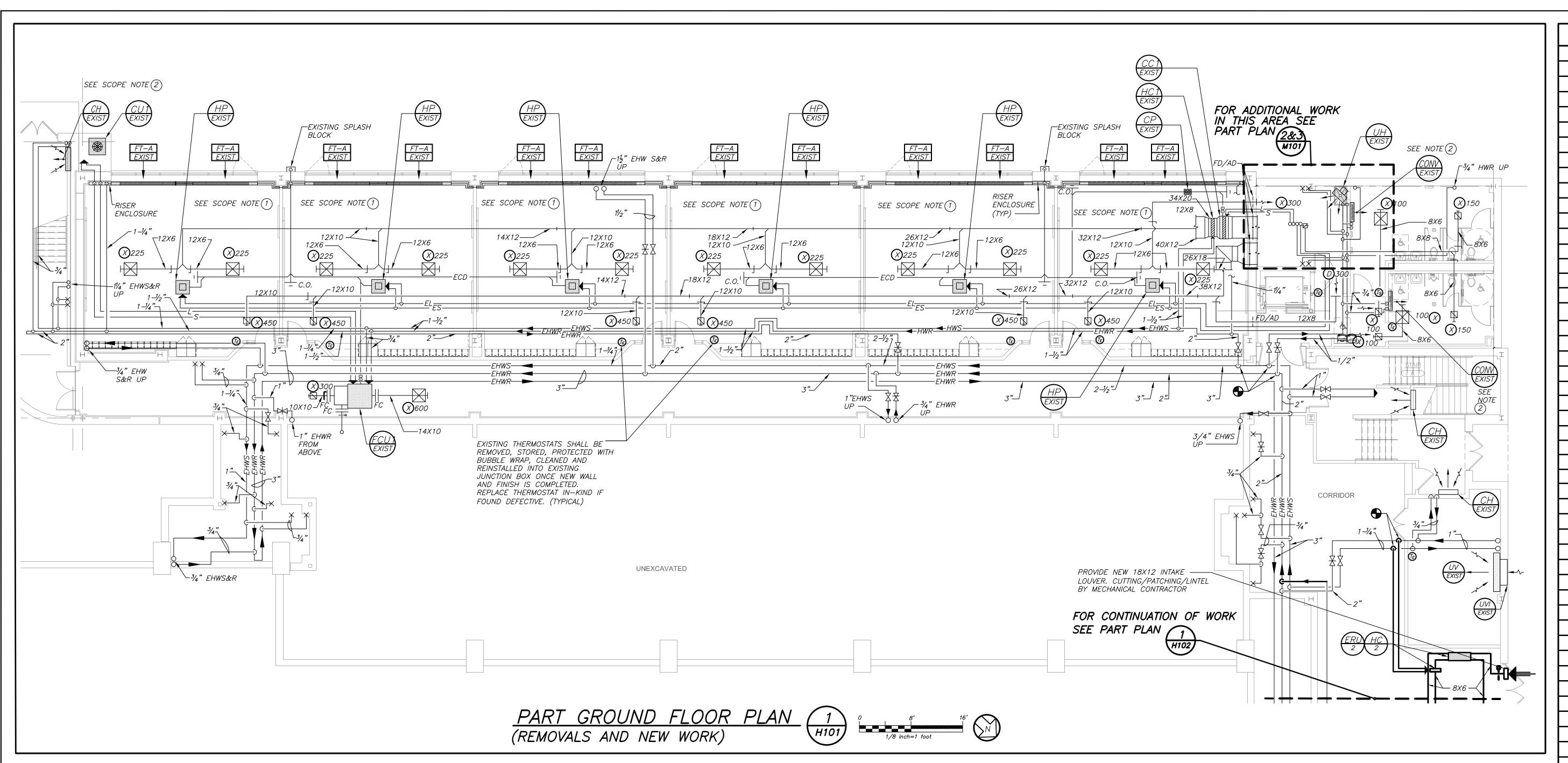
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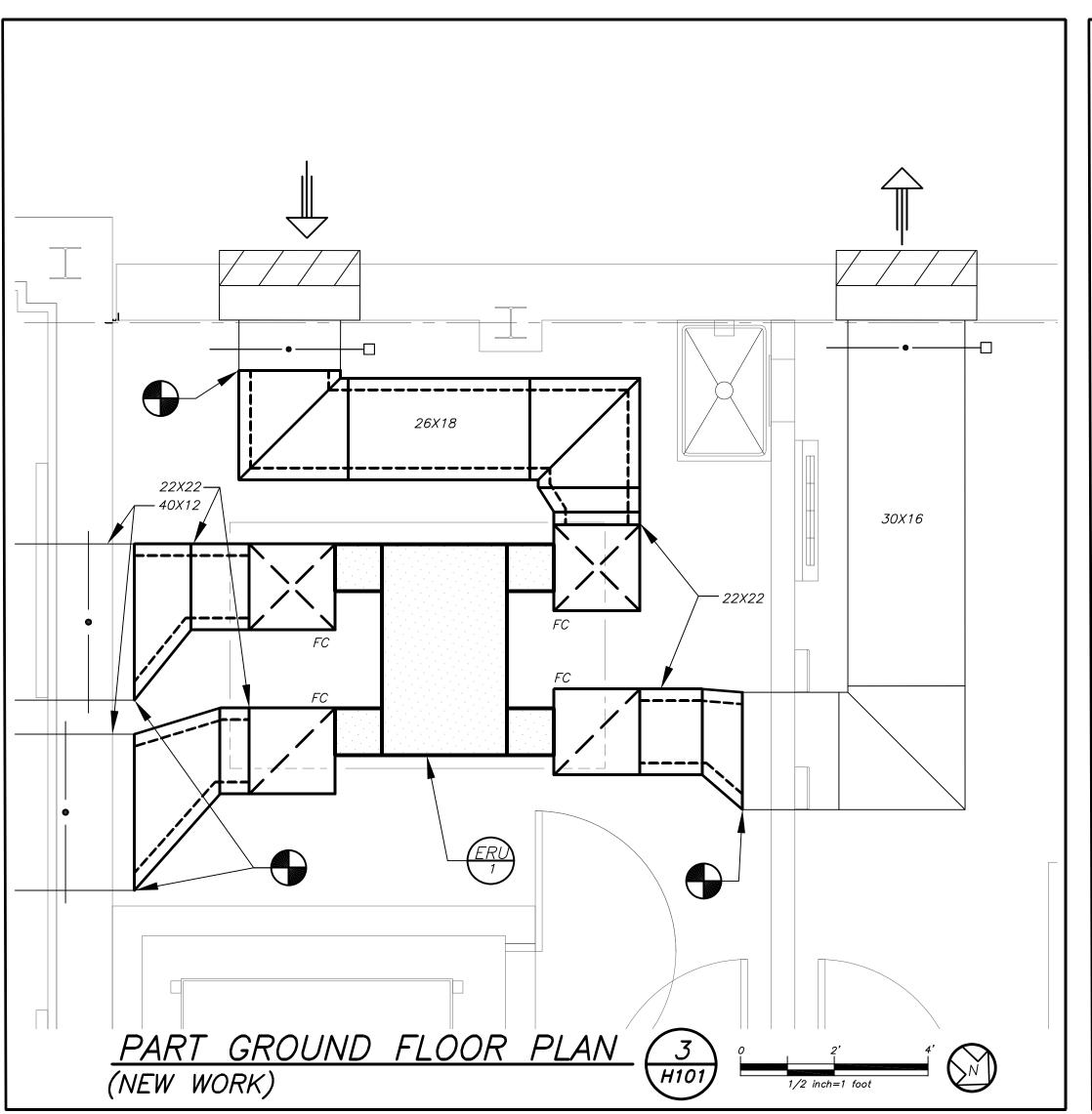
SIGNAGE	LEGEND
INDICATES SIGN TYPE A  INDICATES LOCATION OF SIGN  NUMERICAL CLASSROOM SIGN  DENOTES ROOM NUMBER TO BE PLACED ON SIGN	INDICATES SIGN TYPE C INDICATES LOCATION OF SIGN  GRAPHIC SIGN  SIGN DESCRIPTOR (SEE DWG. A-925)
INDICATES SIGN TYPE B INDICATES LOCATION OF SIGN ROOM FUNCTION SIGN SIGN DESCRIPTOR (SEE DWG. A-925)	INDICATES SIGN TYPE D  INDICATES LOCATION OF SIGN  SPECIALTY SIGN  SIGN DESCRIPTOR (SEE DWG. A-925)

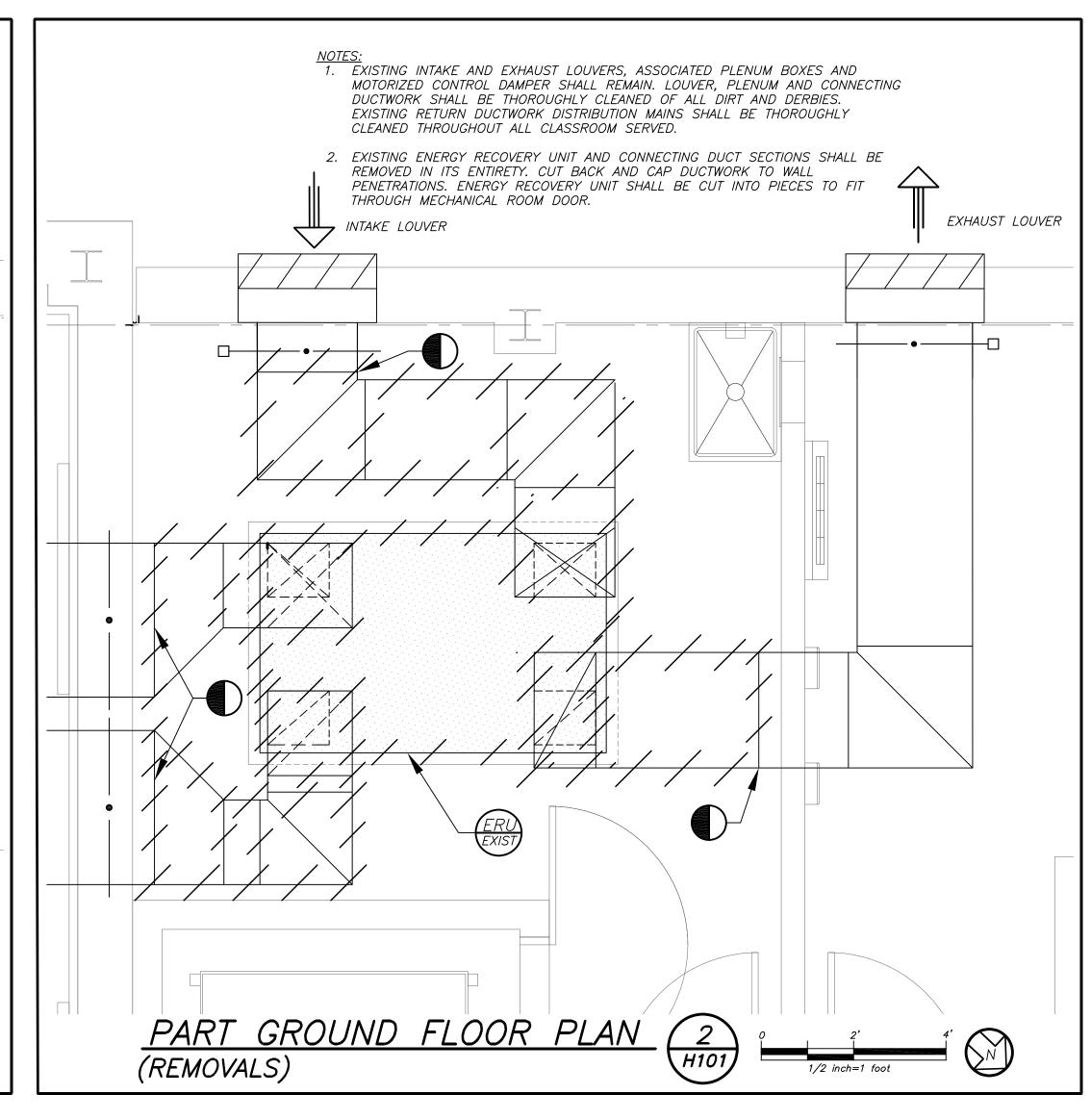
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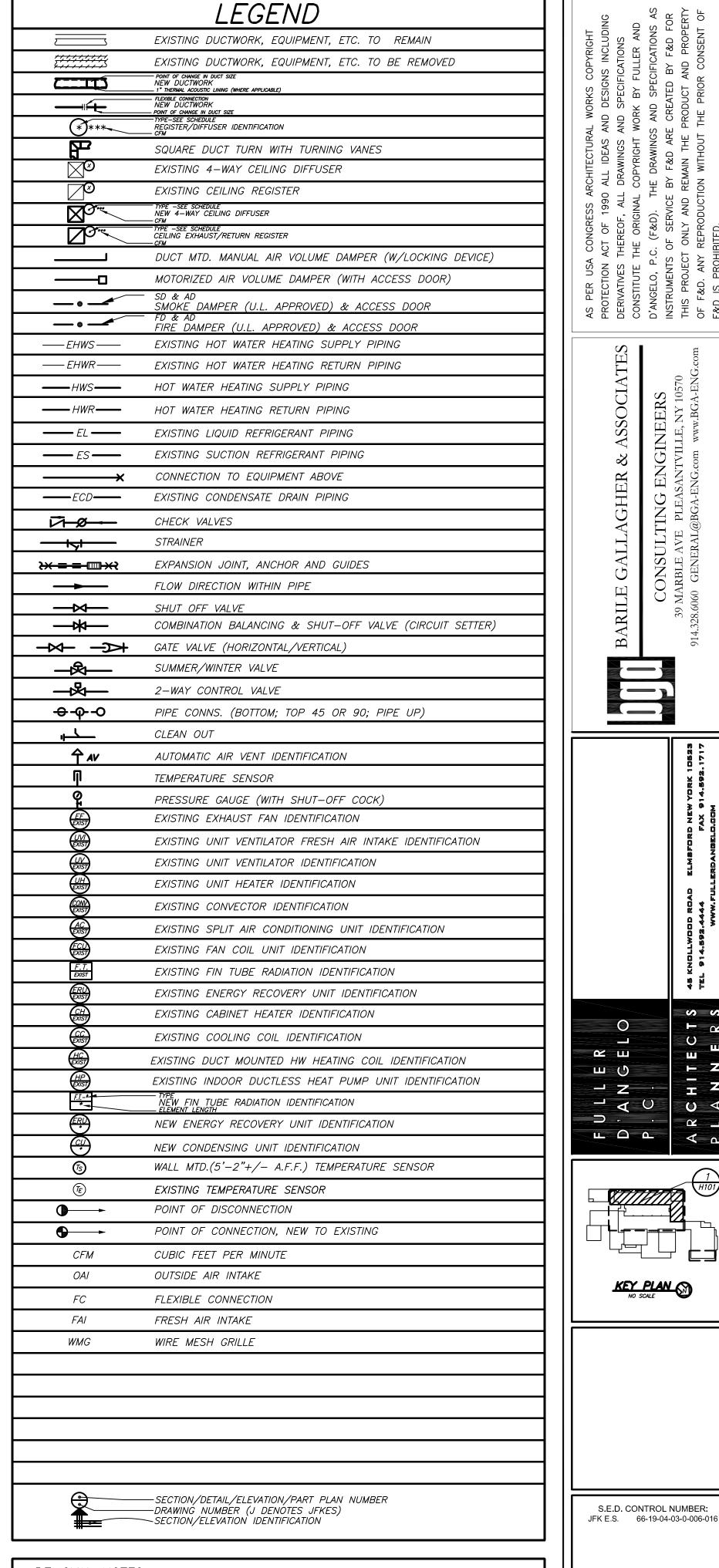
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# **REMOVAL NOTES:**

- (1) THE SCOPE OF REMOVAL SHOWN ON "REMOVALS" DRAWINGS IS DIAGRAMMATIC ONLY AND INDICATES THE INTENT OF THE WORK TO BE PERFORMED AND NOT THE COMPLETE SCOPE OF DEMOLITION AND/OR REMOVAL WORK. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO REMOVE ANY RELATED MECHANICAL DEVICES EVEN IF NOT SPECIFICALLY INDICATED TO BE REMOVED ON THESE DRAWINGS IN ORDER TO ACCOMMODATE NEW WORK.
- ② DEVICES SHOWN CROSS HATCHED ON DRAWINGS ARE ITEMS TO BE REMOVED. ANY DEVICES REMOVED SHALL INCLUDE (BUT SHALL NOT BE LIMITED TO) THE REMOVAL OF ALL ASSOCIATED PIPING, CONTROLS, ETC. THAT ARE NOT INCORPORATED IN THE NEW LAYOUT, UNTIL SUCH REMOVAL IS COMPLETE. THIS CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO INSURE CONTINUITY OF SERVICE TO EXISTING REMAINING EQUIPMENT. NO EXTRAS RELATING TO THE SCOPE OF WORK DESCRIBED WILL BE ALLOWED.
- 3 EQUIPMENT, PIPING, ETC., REQUIRED TO RECONNECT SHALL BE INSTALLED CONCEALED WITHIN THE NEW SUSPENDED CEILINGS, PARTITIONS AND/OR WALLS, FLOORS, NO SURFACE MOUNTED OR EXPOSED EQUIPMENT, PIPÍNG, ETC., SHALL BE PERMITTED, UNLESS SPECIFICALLY
- ALL ITEMS TO BE REMOVED SHALL BE REVIEWED WITH THE OWNER PRIOR TO REMOVAL. OWNER SHALL HAVE FIRST SALVAGE RIGHTS. ITEMS THE OWNER WISHES TO KEEP SHALL BE REMOVED WITH CARE AND STORED AS DIRECTED BY OWNER. ITEMS THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

#### SCOPE NOTES:

- REMOVE AND REINSTALL EXISTING FIN TUBE SECTIONS TO FACILITATE NEW WALL CONSTRUCTION IN EACH CLASSROOM. ANY DAMAGED PIPING, FINS, VALVES AND DEVICES SHALL BE REPLACED IN KIND. ALL FIN TUBE PIPING SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS AND FINS COMBED STRAIGHT. PROVIDE ALL NEW HANGER SUPPORTS, MOUNTING HARDWARE AND CONTINUOUS PIPING ENCLOSURES (HORIZONTAL AND VERTICAL) INCLUDING END CAPS AND VALVE ACCESS DOORS WHERE REQUIRED FOR SERVICING. EXISTING THERMOSTATS SHALL BE REMOVED, STORED, PROTECTED WITH BUBBLE WRAP, CLEANED AND REINSTALLED INTO EXISTING JUNCTION BOX ONCE NEW WALL AND FINISH IS COMPLETED. REPLACE THERMOSTAT IN-KIND IF FOUND DEFECTIVE. CONTRACTOR SHALL VISUALLY INSPECT ALL AREAS OF WORK PRIOR TO BID.
- (2) REMOVE AND REINSTALL EXISTING CABINET HEATERS AND CONVECTORS TO FACILITATE NEW WALL CONSTRUCTION. ANY DAMAGED PIPING, FINS, VALVES AND DEVICES SHALL BE REPLACED IN KIND. ALL HEATERS SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS AND FINS COMBED STRAIGHT. PROVIDE ALL NEW HANGER SUPPORTS. MOUNTING HARDWARE AND
- ENCLOSURES. CONTRACTOR SHALL VISUALLY INSPECT ALL AREAS OF WORK PRIOR TO BID. (3) EXISTING RETURN DUCTWORK SHALL BE THOROUGHLY CLEANED IN THEIR ENTIRETY. EXISTING

CEILING MOUNTED AC UNITS SHALL BE CLEANED AND FILTERS REPLACED.

10-18-2021 DATE ISSUED TO SHEET SIZE DRAWING NO. 30"x42" DRAWN BY H101 BGA CHECKED BY FILE NO. 21444.01 BGA

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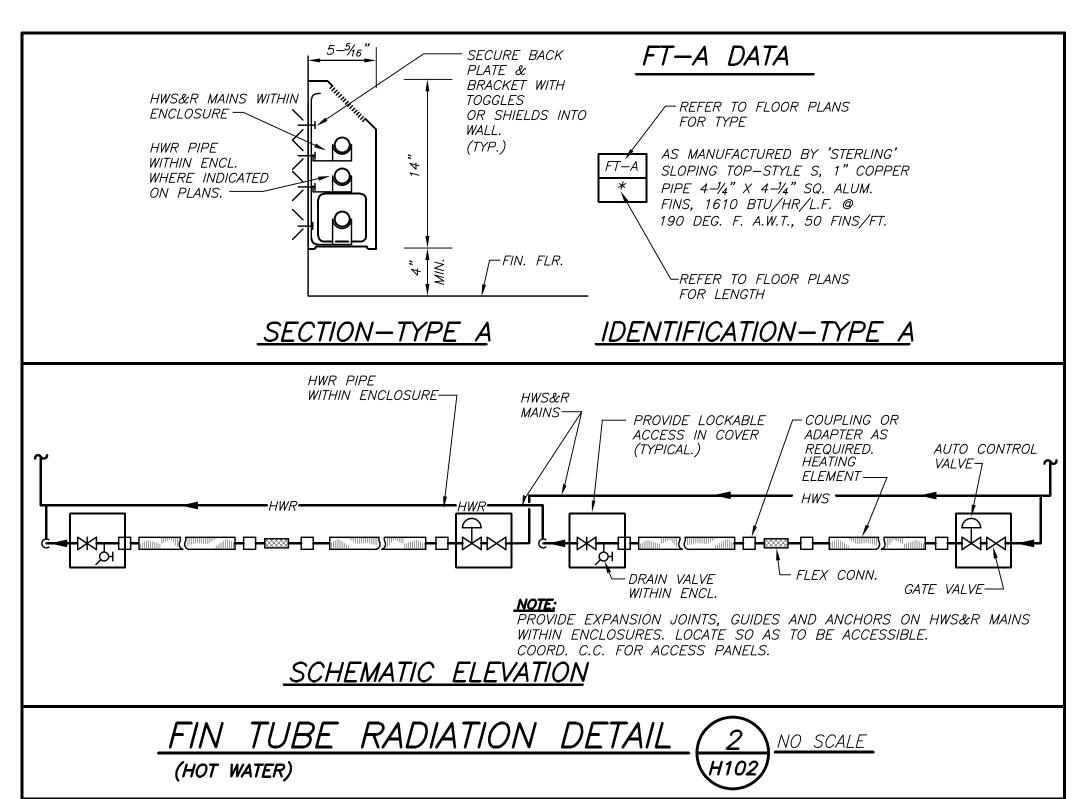
KEY PLAN NO SCALE

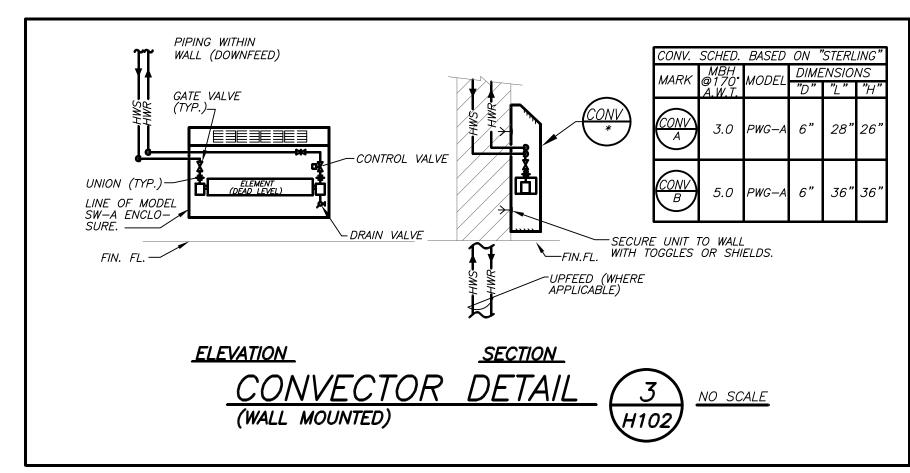
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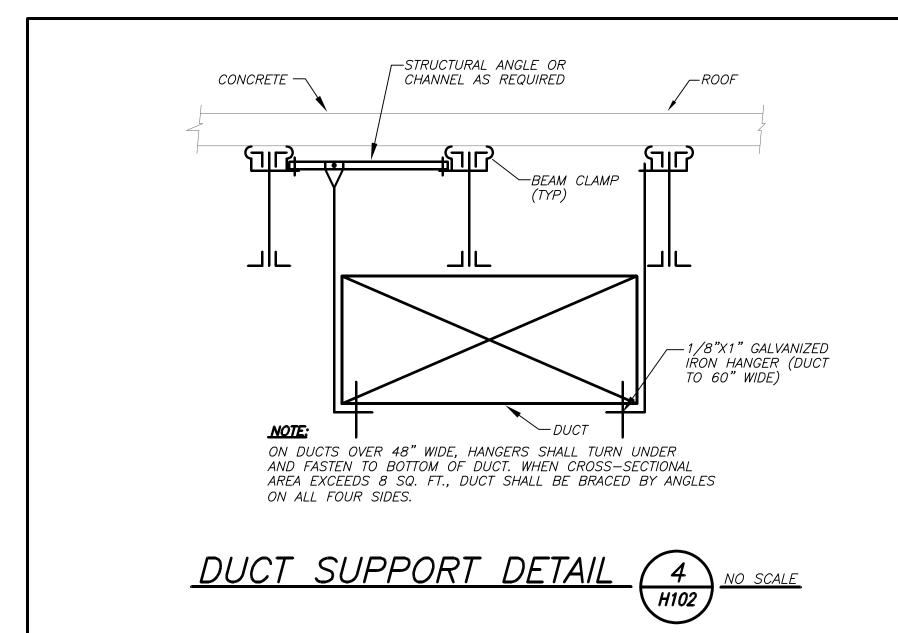
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON

OF ALL OTHER CONTRACTORS.

JOB AND COORDINATE HIS WORK WITH THE WORK

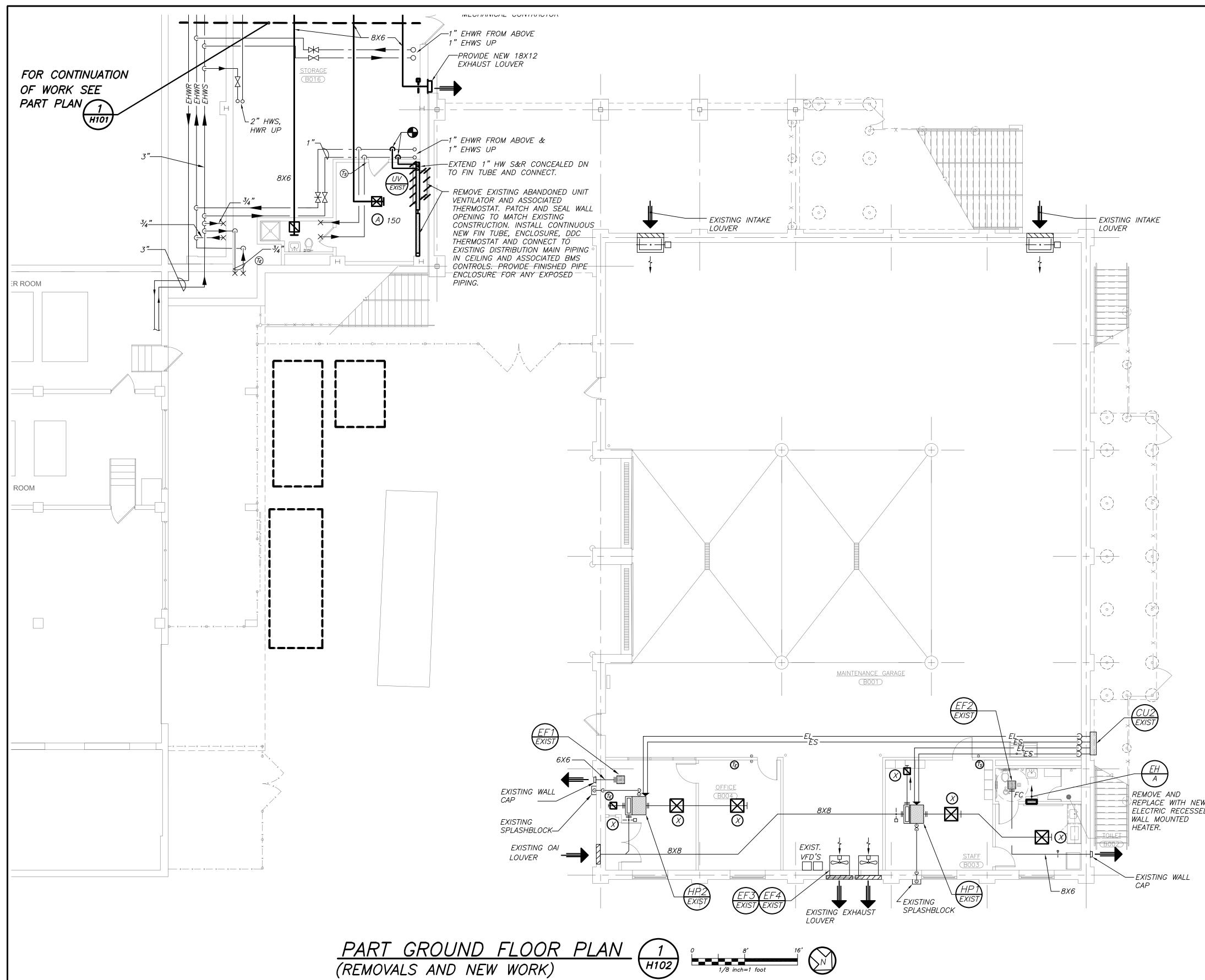






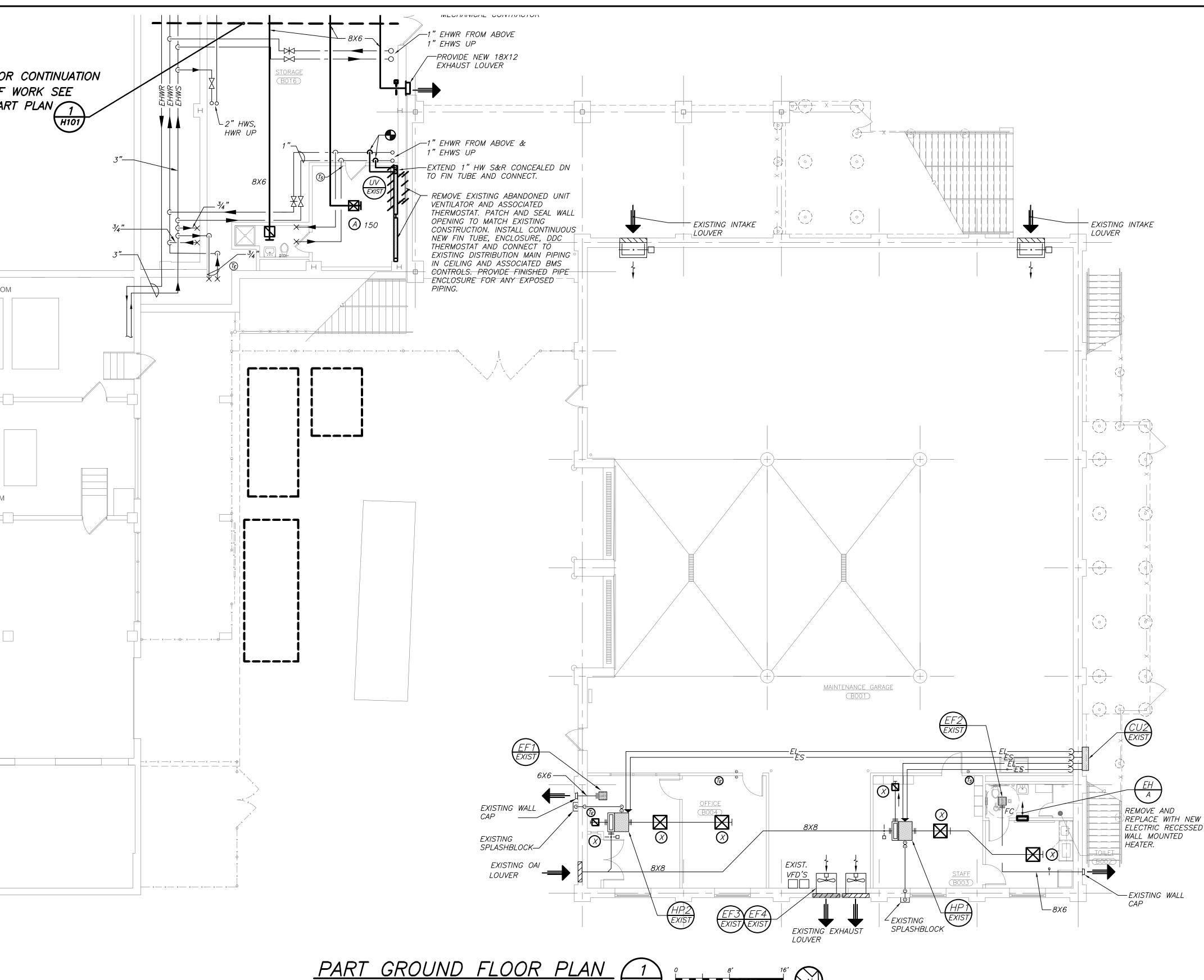
	SC	HEDUL	E OF	ELE	CT	RIC H	EATER	S
MARK	SERVICE	TYPE	MODEL No. <b>(1)</b>	CAPA BTU/HR		ELECTRIC SERVICE	AMPS	REMARKS
EH A	TOILET B002	WALL MTD.	MCSSAR1802	6142/ 3070	1.8/ 0.9	120/1/60	15.0/7.5	REFER TO (123

N 1 AS MANUFACTURED BY "Q-MARK". 2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. 3 PROVIDE SEMI RECESSED FRAME. FINISH PER ARCHITECT.



					SCF	HEL	DUL	Ε	OF	INI	000	)R	ΕN	ER	GY	RI	ECOL	/ERY	\ U\	IITS	(F	RE	-PL	IRCI	HASI	ED	BY	OW	V <i>ER</i>	2)			
			4 0 0 4 T/0 4		Al	RFLOV	v cor	VDITIO	NS	SUPI	PLY FA	<b>4</b> //	EXHAL	UST F	AN		HEATIN	IG COIL	L DATA				COOLI	VG COIL	L DATA		FILTERS	ELECTR	ICAL DATA	Di	<i>IMENSIONS</i>	WFIGHT	DEMARKO
, L	<i>MARK</i>	SERVICE	LOCATION M	IODEL No.	O.A. CFM	E.A. CFM	R.A. S CFM	S.A.ESP. F 'N. WC I	R.A.ESP. IN. WC	TYPE	CFM	HP	TYPE	CFM	HP	MARK (5)	TOT. CAP. BTU/HR	MIN. COIL FACE AREA	ENT. AIR TEMP. *F	LVG. AIR TEMP. °F	G.P.M.	MARK (5)	TOTAL CAP. BTU/HR	MIN. COIL FACE AREA 中	ENT. LVG. AIR AIR TEMP. TEMP	ESP IN. WG	INTAKE RETURN	VOLTAGE	мса мо	CP L	W H	LBS	REMARKS
	ERU 1 ERU 2	CLSRMS B009-B014	STORAGE ROOM	<b>O</b> - <i>ERV</i> -3000	3000	3000	3000	1.5	1.0	CENTR.	3000	3.0	CENTR.	3000	3.0	HC1 EXIST	144,800	4.3	45.0	89.5	14.5	CC1 EXIST	77,700	6.0	83.10 65.4	19 0.5	MERV 13	208/3/60	27 30	58	" 56" 60'	600	REFER TO 123456
	ERU 2	OFFICE –	STORAGE ROOM P	PE7.15ERV	125	125	125	1.0	.5	CENTR.	125	-	CENTR.	125	_	$\frac{HC}{2}$	6200	-	45.0	90	1.0						MERV 8	120/1/60	142 _ WATTS	24	" 12" 22'	75	

- AS MANUFACTURED BY "ENERGY WALL" (KLIMA NEW YORK, C 914-255-4390 | O 212-678-5100 | E RICKSV@KLIMANY.COM 41-45 39TH ST LONG ISLAND CITY NY 11104 | WWW.KLIMANY.COM)
- (1A) AS MANUFACTURED BY "GREENTEK"
- (2) DESIGN AIR CONDITION: SUMMER O.A. (95°F/75°F) R.A. (75°F/63°F); WINTER O.A. (13°F/13°F) R.A. (68°F/52°F).
- 3 INSTALL PER MANUFACTURES RECOMMENDATIONS.
- PROVIDE PRE-FILTER/FINAL FILTERS COMBINATION FOR OUTSIDE AIR INTAKES AND PRE-FILTER FOR RETURN AIR PRIOR TO HEAT EXCHANGER. PROVIDE TWO SETS OF FILTERS (ONE SET IS FOR WHEN UNIT IS OPERATING DURING TESTING AND BALANCING AND ONE SET IS FOR FILTER REPLACEMENT AT PROJECT COMPLETION).
- (5) INTERLOCK UNIT CONTROLS INTO EXISTING BMS CONTROLS, ASSOCIATED HEAT—PUMP CONTROLS, EXISTING DUCT MOUNTED HEATING COIL & DX COOLING COIL CONTROLS.
- 6 PROVIDE UNIT WITH INTEGRAL ECONOMIZER DAMPER AND VARIABLE SPEED CONTROLLERS FOR SUPPLY AND EXHAUST FAN MOTORS.
- ENERGY RECOVERY UNITS SHALL BE PRE-PURCHASED BY THE OWNER. MECHANICAL CONTRACTOR SHALL EXCEPT DELIVERY, STORE UNITS AS NEEDED PRIOR TO INSTALLATION AND FULLY INSTALL UNITS WITH ALL NECESSARY MOUNTING HARDWARE AND ASSOCIATED APPURTENANCES. MECHANICAL CONTRACTOR SHALL MODIFY EXISTING CONCRETE HOUSEKEEPING PAD AS NECESSARY FOR NEW UNIT INSTALLATION. DUCT MOUNTED HEATING COIL (PC) PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.



S.E.D. CONTROL NUMBER: JFK E.S. 66-19-04-03-0-006-016

KEY PLAN NO SCALE

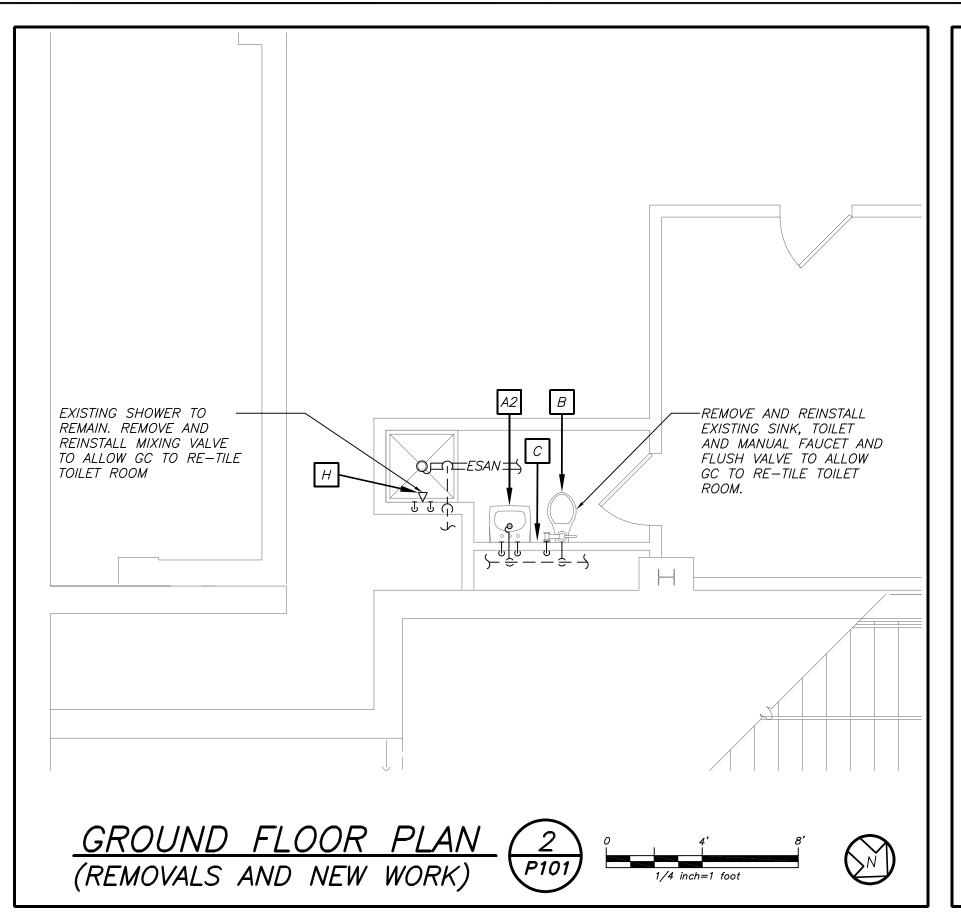
	PROJECT TITLE PORT CHESTER - RYE UNION FREE SCHOOL JOHN F. KENNEDY ELEMENTARY SCHOOL FLOOD REPAIRS & RELATED WORK 40 OLIVIA STREET, PORT CHESTER, NY 10573	DRAWING TITLE SCHEDULE, DETAILS AND PART GROUND FLOOR PLAN REMOVALS AND NEW WORK
ı		
ı		
	10-18-2021	BID
	DATE	ISSUED TO
	SHEET SIZE	DRAWING NO.
	30"x42"	JFKES
	DRAWN BY BGA	H102

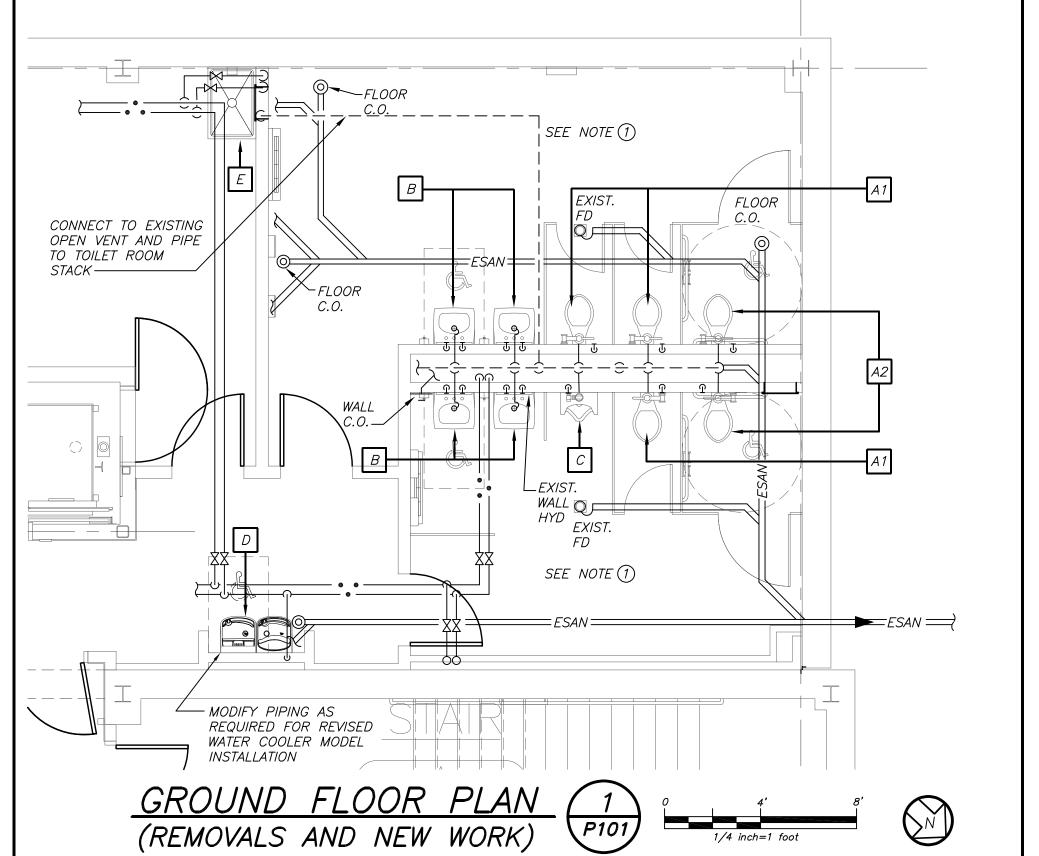
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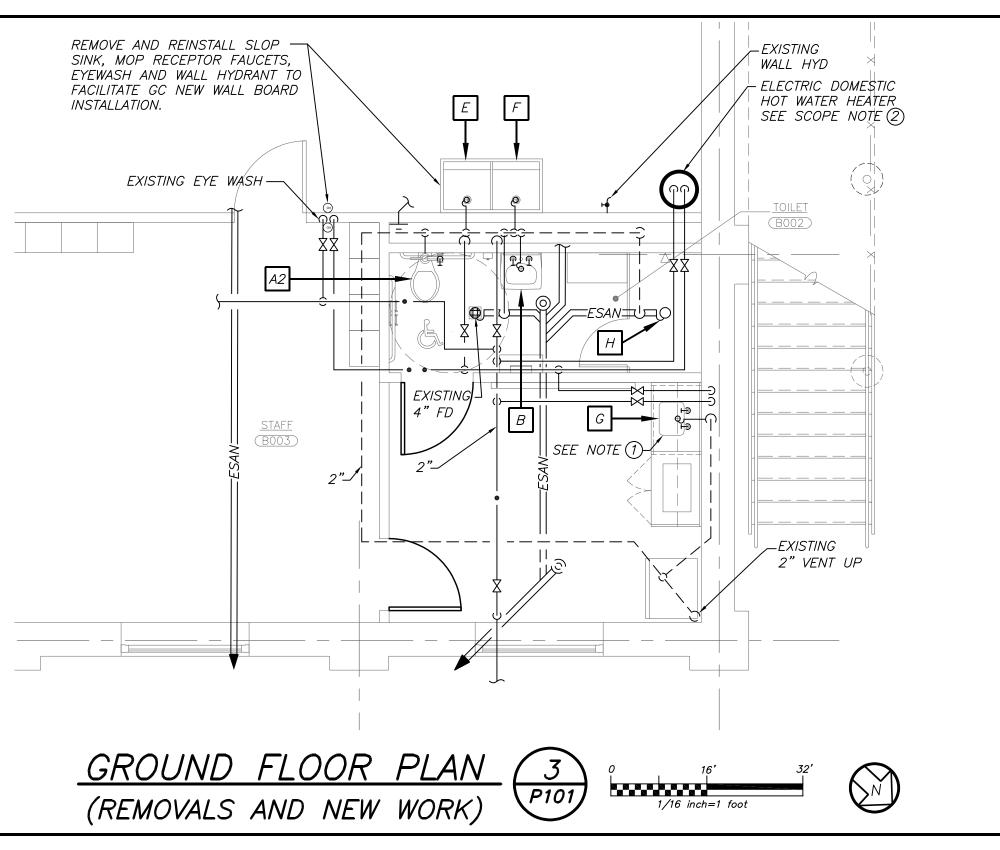
BGA

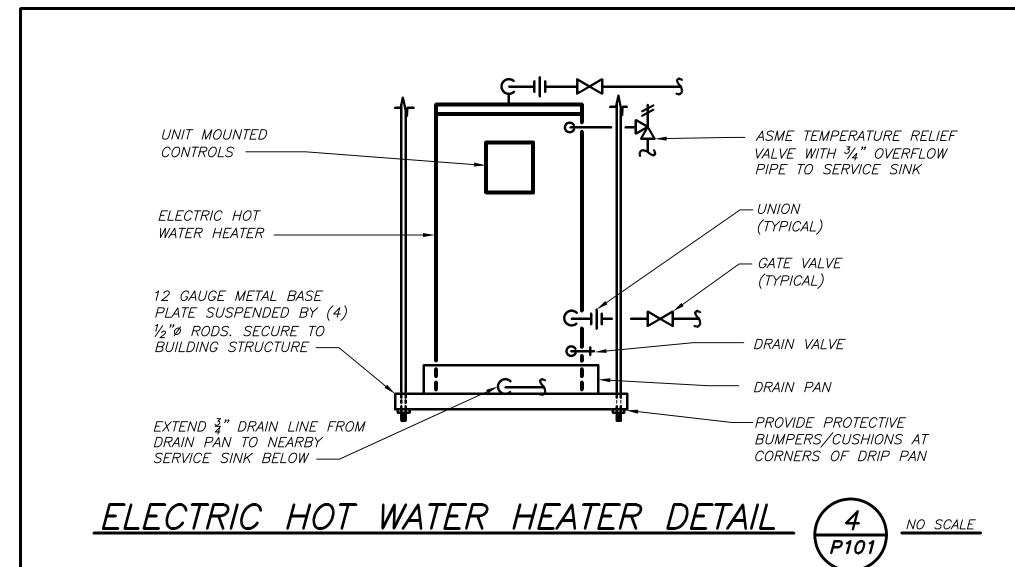
21444.01

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.









<del></del>	EXISTING PIPING, FIXTURES, ETC. TO REMAIN
++++	EXISTING PIPING, FIXTURES, ETC. TO BE REMOVED
	NEW PIPING, FIXTURES, ETC.
	COLD WATER PIPING
<b>••</b>	HOT WATER PIPING
<b></b>	HOT WATER RETURN PIPING
	PLUMBING VENT PIPING
— SAN —	SANITARY PIPING
= SAN =	SANITARY PIPING (UNDERGROUND)
—ESAN —	EXISTING SANITARY PIPING
=ESAN=	EXISTING SANITARY PIPING (UNDERGROUND)
<del></del>	FLOW DIRECTION WITHIN PIPE
1	CLEANOUT
<u> </u>	CLEANOUT DECK PLATE
<b>→</b> ⋈ <b>—</b>	SHUT-OFF VALVE
<b>─₩</b> ─	COMBINATION BALANCING & SHUT-OFF VALVE
Ø	CHECK VALVE
<del></del>	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP
*	PLUMBING FIXTURE IDENTIFICATION
P.C.	PLUMBING CONTRACTOR
G.C.	GENERAL CONTRACTOR
HVAC	HVAC CONTRACTOR
VTR	VENT THRU ROOF
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
PRV	PRESSURE REDUCING VALVE
<i>CP</i> <b>★</b>	CIRCULATOR PUMP IDENTIFICATION
(SP)	SUMP PUMP IDENTIFICATION
(HWH)	HOT WATER HEATER IDENTIFICATION
•	POINT OF CONNECTION
*	PART PLAN, DETAIL, SECTION NUMBER

MARK	DESCRIPTION	I BRANCH SIZE											
MARK	DESCRIPTION	W	V	Н	С	G							
A 1	WALL MOUNTED WATER CLOSET (FLUSH VALVE)	4"	2"	_	1"	-							
A2	WALL MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED)	4"	2"	_	1 "	_							
В	WALL MOUNTED LAVATORY (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1/2"	_							
С	URINAL — WALL MOUNTED	3"	2"	-	1/2"	_							
D	WATER COOLER (HANDICAPPED) - REMOVE & REPLACE WITH NEW	2"	1-1/2"	_	1/2"	-							
Ε	MOP RECEPTOR	3"	2"	3/4"	3/4"	-							
F	SLOP SINK	3"	2"	3/4"	3/4"	_							
G	PANTRY SINK	2"	1-1/2"	1/2"	1/2"	_							
Н	SHOWER	3"	2"	3/4"	3/4"	_							
X	EXISTING FIXTURE TO BE REMOVED	_	_	_	_	_							
R	EXISTING FIXTURE TO REMAIN	_	_	_	_								

### REMOVAL NOTES

- 1 REMOVE ALL PLUMBING FIXTURES, EQUIPMENT, SPECIALTIES, DRAINS, CONTROLS, HANGERS, BASES, SUPPORTS, PIPING, VALVES, TUBING AND PLUMBING ACCESSORIES THAT ARE NOT INCORPORATED IN THE NEW LAYOUT.
- 2 WHERE REMOVAL IS INDICATED OR IMPLIED OR NOT INCORPORATED IN THE NEW LAYOUT, THE ITEM ITSELF IS TO BE REMOVED COMPLETELY TOGETHER WITH ALL CONNECTING PIPING, SPECIALTIES, SUPPORTS, CONTROLS, ETC. CONNECTING PIPING IS TO BE REMOVED BACK TO MAINS WHERE THEY ARE TO BE CAPPED OR DISCONNECTED. THIS INCLUDES ALL GAS, SANITARY, VENT, WATER, COMPRESSED AIR, ACID WASTE, VACUUM, AND PUMP DISCHARGE PIPING. REFER TO DIVISION I OF SPECIFICATION FOR CUTTING AND PATCHING
- (3) WHERE EXISTING PIPING ENTERS INACCESSIBLE TRENCHES, TUNNELS, SHAFTS, WALLS AND CEILINGS INSIDE THE EXISTING BUILDING, IT SHALL BE CUT BACK AT LEAST 2" INTO SUCH INACCESSIBLE SPACES AND SHALL BE SUITABLY CAPPED AND SEALED BY THE
- 4) THE CONTRACTOR SHALL EXERCISE NORMAL CAUTION TO PREVENT UNNECESSARY CUTTING AND DAMAGE TO THE EXISTING BUILDING. ANY EXCESSIVE DAMAGE AS DETERMINED BY THE OWNER SHALL BE REPAIRED AND PAID FOR BY THE CONTRACTOR CAUSING THE DAMAGE.
- (5) ALL DEMOLISHED EQUIPMENT ETC. EXCEPT THOSE ITEMS SPECIFICALLY REQUESTED BY THE OWNER SHALL BECOME THE CONTRACTORS PROPERTY, SHALL BE REMOVED FROM THE PREMISES, AND DISPOSED OF LEGALLY.

### SCOPE NOTES

- 1 RE-INSTALL ALL FIXTURES, WALL/FLOOR CLEANOUT COVERS, FLOOR DRAIN COVERS, ETC. REMOVED BY OWNER. RECONNECT FIXTURES TO EXISTING FIXTURES CARRIERS, ASSOCIATED WATER PIPING AND DRAIN CONNECTIONS. PROVIDE ALL NEW P-TRAPS, FLUSH VALVES, PIPE INSULATION (WHERE REMOVED OR DAMAGED). EACH PIPE DROP TO FIXTURE OR PIPE RISERS WILL REQUIRE A MINIMUM OF 36" OF PIPE INSULATION. ALL NEW PIPING INSULATION SHALL BE NEOPRENE TYPE.
- REMOVE AND REPLACE EXISTING ELECTRIC DOMESTIC HOT WATER HEATER WITH NEW. CONNECT TO EXISTING ASSOCIATED PIPING. EXISTING HEATER SHALL BE PROTECTED AND

TURNED OVER TO OWNER.

EMAIN E REMOVED  JND)	AS PER USA CONGRESS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990 ALL IDEAS AND DESIGNS INCLUDING
VALVE	
); PIPE UP)	
	(

10-18-2021 DATE ISSUED TO 30"x42" DRAWN BY BGA FILE NO. CHECKED BY 21444.01 BGA

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KEY PLAN (P101)

S.E.D. CONTROL NUMBER:

JFK E.S. 66-19-04-03-0-006-016

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

## GENERAL NOTES

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR FIRST CLASS ELECTRICAL INSTALLATION.
- . THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR/OWNER.
- WHERE PANELBOARDS, SWITCHES, CIRCUIT BREAKERS, ETC. ARE EXISTING AND TO BE REUSED THE CONTRACTOR SHALL CLEAN AND REFURBISH THE EQUIPMENT. THIS SHALL INCLUDE TIGHTENING ALL CONNECTIONS, REPLACING DEFECTIVE MECHANISMS AND PROVIDING ALL REQUIRED AND NECESSARY MISCELLANEOUS COMPONENTS SO THAT THE EQUIPMENT SHALL BE IN PERFECT WORKING ORDER.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS. UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
- ALL WORK WHERE SHOWN WITH DARK/SOLID LINES ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED. WHERE SHOWN WITH DASHED LINES WITH LETTER (E) IS EXISTING TO REMAIN, WITH LETTER (R) IS EXISTING TO BE REMOVED, WITH LETTER (ER) IS EXISTING RELOCATED, WITH LETTER (RN) IS EXISTING TO BE REPLACED WITH NEW AND WITH LETTER (RR) IS EXISTING TO BE REMOVED AND RELOCATED.
- CIRCUIT NUMBERS TO EXISTING PANELS ARE SHOWN FOR INTENT ONLY. ACTUAL CIRCUIT NUMBERS TO BE USED SHALL BE AS PER FIELD CONDITIONS BY UTILIZING SPARE CIRCUITS, BREAKERS OR SPACES IN EXISTING PANEL, SIZE AS INDICATED ON THE PLANS. THE ELECTRICAL CONTRACTOR SHALL BALANCE LOAD OF CIRCUITS EVENLY ON ALL PHASES.
- FEEDERS AND BRANCH CIRCUITRY SHALL BE RUN IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO MOTORS MAY BE MADE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN 18"). IN UNFINISHED AREAS CONDUIT SHALL BE RUN EXPOSED AND IN FINISHED AREAS CONDUIT SHALL BE RUN CONCEALED.
- PROVIDE PANEL NAME PLATE MADE OF BLACK LAMINATED PLASTIC WITH WHITE ENGRAVED LETTERING AND TYPE WRITTEN DIRECTORY FOR ALL NEW AND EXISTING PANELS BEING USED FOR THIS PROJECT.
- 9. ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION UNLESS OTHERWISE NOTED.
- 10. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING FIXTURES AND OTHER CEILING INSTALLED ITEMS.
- 11. THE USE OF FLEXIBLE CONDUIT FROM LIGHTING FIXTURES TO JUNCTION BOX IS PERMITTED ONLY WHEN A SEPARATE GROUND WIRE IS INSTALLED WITH THE CONDUCTORS INSIDE FLEXIBLE CONDUIT. THE GROUND WIRE MUST BOND THE FIXTURE HOUSING TO THE JUNCTION BOX. MAXIMUM LENGTH 6'-0".
- 12. EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.
- 13. WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, ETC.,) SHALL BE SURFACE MOUNTED IN UNFINISHED AREAS AND ON EXISTING CONCRETE BLOCK WALLS AND FLUSH MOUNTED IN NEW WALLS/PARTITIONS.
- 14. CONDUIT RUNS SHALL BE PARALLEL WITH OR AT RIGHT ANGLES TO WALLS AND CEILINGS. CONDUIT SHALL BE SUPPORTED BY APPROVED MEANS. SUPPORTS FOR HORIZONTAL RUNS OF CONDUIT SHALL NOT EXCEED SEVEN FEET ON CENTERS.
- 15. PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.
- 16. CONTRACTOR SHALL COORDINATE WITH THE FIRE DEPARTMENT AND F.A. VENDOR BEFORE PROCEEDING WITH WORK INVOLVING FIRE ALARM SYSTEM.
- 17. ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.
- 18. THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER 100' IN LENGTH SHALL BE NO. 10 AWG.
- 19. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.
- 20. THE ELECTRICAL CONTRACTOR SHALL CONFIRM THE CONFIGURATION TYPE FOR ALL SPECIAL RECEPTACLES FOR COPIERS, DATA PROCESSING EQUIPMENT. ETC. WITH OWNER AND ENGINEER PRIOR TO ORDERING.
- 21. COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.
- COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.

22. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO

- 23. PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDING.
- CONTRACTOR SHALL FIELD INVESTIGATE CONDITIONS AND COORDINATE ALL WORK TO ENSURE THAT IT WILL BE IN HARMONY AND NOT AFFECT ANY EXISTING BUILDING SYSTEMS. THIS WORK MUST BE APPROVED BY BUILDING OWNER PRIOR TO PROCEEDING. 25. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS,

24. PRIOR TO ANY CHASING, CHOPPING OR CORE DRILLING BEING PERFORMED, THE

- PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER #CP-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).
- 26. ALL PANELBOARD COVERS SHALL BE INSTALLED IN PLACE AT THE COMPLETION OF EACH DAYS WORK.
- 27. PREPARE 'AS-BUILT' DRAWINGS THAT REFLECT ACTUAL CONSTRUCTION AND SHOW DEVIATIONS FROM DESIGN DRAWINGS.
- 28. LIGHT FIXTURES SHALL BE CONSTRUCTED TO SUIT PARTICULAR TYPE OF CEILING AND WALL CONSTRUCTION AND SHALL BE PROVIDED WITH APPROPRIATE TRIMS, MOUNTING FRAMES AND ADAPTERS AS REQUIRED.
- 29. ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.

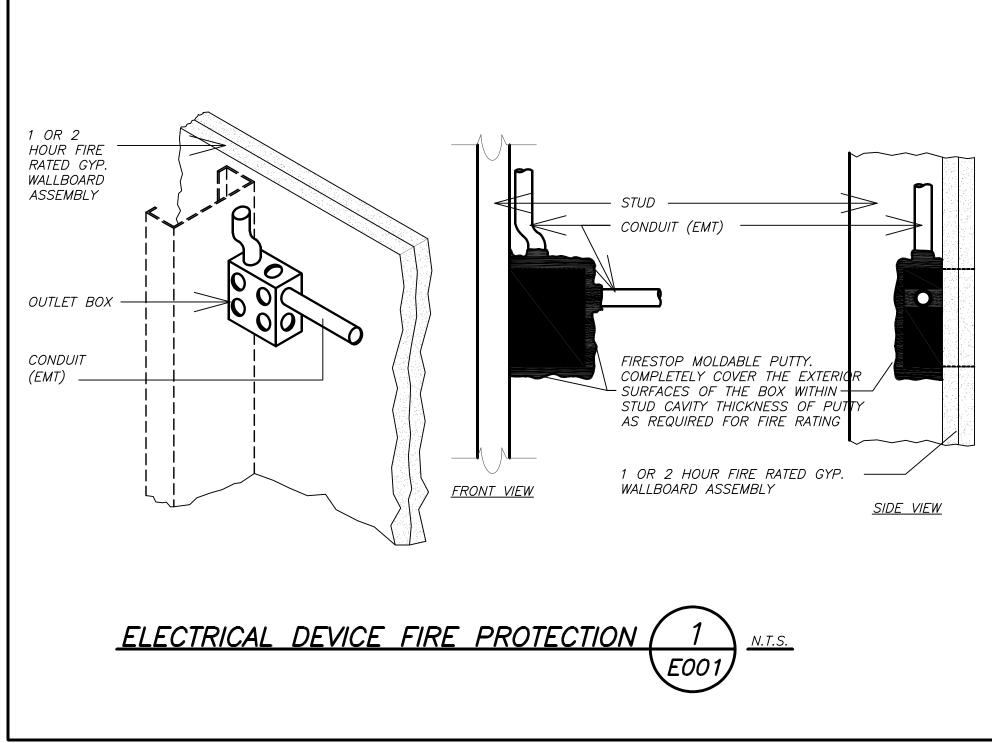
#### TEST CAT. 6 CABLE (TELEPHONE & DATA), P.A. WIRING & FIRE ALARM CABLE

- PAIRED AND MULTI-CONDUCTOR METALLIC CABLES: PERFORM AN END-TO-END TEST FOR CONTINUITY, GROUND FAULT, SHORTS AND CROSSED PAIRS FOR EACH CABLE PAIR/CONDUCTOR.
  - A. TEST CABLE PAIRS FROM THE WORK AREA OUTLET, THROUGH ALL CONDUCTORS TO PATCH BOARD IN DATA CLOSET/RACK ROOM.
  - B. TEST FIRE ALARM CABLE LOOP FROM DEVICE TO DEVICE BACK TO FIRE ALARM CONTROL PANEL.

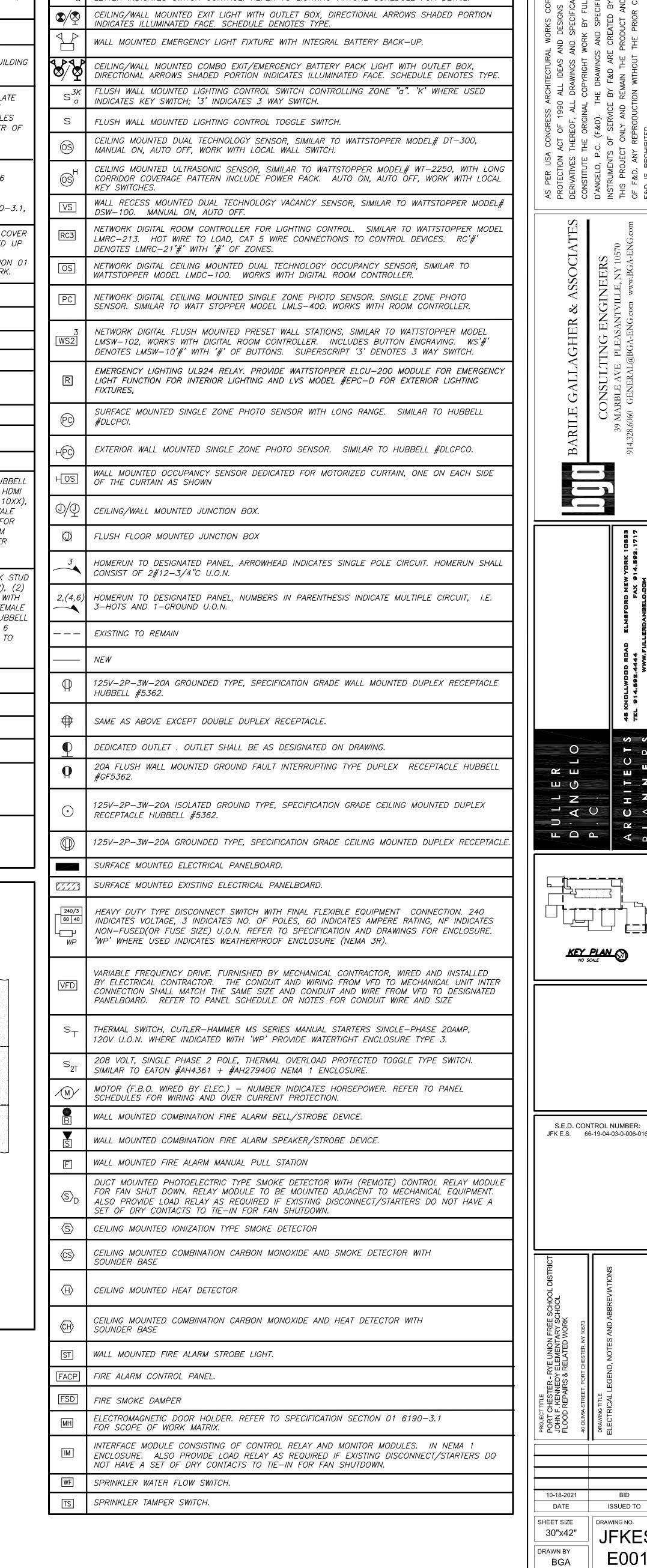
# GENERAL REMOVAL NOTES

- BEFORE COMMENCING WORK, EXAMINE ALL ADJOINING AREAS THAT MAY BE AFFECTED BY REMOVAL. REPORT TO THE GENERAL CONTRACTOR ANY CONDITION THAT PREVENTS PERFORMANCE OF THE WORK.
- 2. BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS WHERE CONNECTIONS MUST BE MADE, CHANGED OR ALTERED. THE INTENT OF THE WORK IS SHOWN ON THE DRAWINGS AND DESCRIBED HEREINAFTER AND NO CONSIDERATION WILL BE GRANTED BY REASON OF LACK OF FAMILIARITY ON THE PART OF THE CONTRACTOR WITH ACTUAL PHYSICAL CONDITIONS AT THE SITE. INSPECT EACH AND EVERY AREA AFFECTED BY THE ALTERATION OF THE SPACE BEFORE SUBMITTAL OF BID.
- ALL ELECTRICAL EQUIPMENT IN THE AREA OF WORK IS EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED. THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
- DISTRIBUTION BOARDS AND PANELBOARDS. LIGHTING FIXTURES AND SWITCHES.
- CIRCUIT BREAKERS AND DISCONNECT SWITCHES. RECEPTACLES, OUTLETS AND DEVICES.
- 4. ALL CONDUCTORS AND CONDUIT ASSOCIATED WITH REMOVED ELECTRICAL EQUIPMENT SHALL BE REMOVED COMPLETELY BACK TO ITS SOURCE OF POWER AND DISCONNECTED.
- 5. ALL POWER CONDUCTORS, CONTROL WIRING AND CONDUIT ASSOCIATED WITH MECHANICAL EQUIPMENT SUCH AS FANS, AIR CONDITIONING UNITS, PUMPS, ETC. DESIGNATED FOR REMOVAL ON THE HVAC AND PLUMBING REMOVAL DRAWINGS SHALL BE REMOVED CLEAR BACK TO THE SOURCE OF POWER AND DISCONNECTED. ALL MOTOR STARTERS, DISCONNECT SWITCHES, CONTROL DEVICES, ETC. SHALL BE REMOVED. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 6. CIRCUIT BREAKERS AND/OR SWITCHES IN PANELBOARD(S) OR DISTRIBUTION BOARD(S) MADE SPARE DUE TO REMOVAL SHALL BE DESIGNATED AS SUCH ON THE PANEL SCHEDULE.
- 7. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TRACE AND RELOCATE ALL EXISTING FEEDERS AND BRANCH CIRCUIT WIRING WHICH PASSES THROUGH THE REMOVAL AREA THAT SERVE EXISTING OCCUPIED SPACES TO REMAIN. COORDINATE WITH BUILDING MANAGER PRIOR TO ANY SHUTDOWNS OR DISRUPTIONS THAT MAY BE REQUIRED TO ACCOMPLISH THIS
- 8. DISPOSE OF ALL REMOVED EQUIPMENT, WHICH IS NOT INTENDED TO BE REUSED. PRIOR TO DISPOSAL, CONTACT BUILDING MANAGER TO DETERMINE IF ANY REMOVED EQUIPMENT IS DESIRED FOR STOCK.
- 9. EXISTING CIRCUIT BREAKERS IN PANEL(S) ARE TO BE RE-USED. ELECTRICAL CONTRACTOR TO DISCONNECT PANEL AND CIRCUIT BREAKERS WITH GREAT CARE TO ENSURE AGAINST DAMAGE. THIS CONTRACTOR SHALL PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED. ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.
- 10. EXISTING EQUIPMENT DESIGNATED FOR REUSE SHALL BE CLEANED, REFURBISHED AND RESTORED TO OPTIMUM PERFORMANCE. THIS SHALL INCLUDE BUT NOT LIMITED TO CLEANING OF LIGHT FIXTURES, REPLACEMENT OF INOPERABLE BALLASTS AND LAMPS, RESISTANCE TESTING OF BRANCH CIRCUITRY AND FEEDERS, ETC.
- EXTEND EXISTING CIRCUITRY TO THOSE DEVICES THAT ARE TO BE RELOCATED. MATCH EXISTING TYPE AND SIZE. RELOCATION OF EXISTING EQUIPMENT SHALL BE PERFORMED ONLY UPON OWNERS ACCEPTANCE OF EXISTING EQUIPMENT.
- 12. EXTEND EXISTING CIRCUITS SERVING EQUIPMENT TO REMAIN FROM PANELS THAT ARE TO BE REMOVED TO NEW PANELS OR EXISTING PANELS THAT ARE TO REMAIN.

	ABBREVIATIONS		LEGEND
BBV.	DESCRIPTION	<b>1 ├─</b> ─	
Α	AMP/AMPERE		CLOSED CIRCUIT TELEVISION CAMERA (CCTV). REFER TO SPECIFICATION SEC MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF
AC	AIR CONDITIONING UNIT	7 <b> </b>	WATER TO BE LEDING CHEFEM NEST CHEBIEFILES, YEAR ALBERTAINE COOKE OF
A.F.F.	ABOVE FINISHED FLOOR	FOB	KEY FOB. PROVIDE (1) CAT 6 CABLE TO NEAREST PATCH PANEL.
AHU	AIR HANDLING UNIT		
AWG	AMERICAN WIRE GAUGE	WAP	WIRELESS ACCESS POINT. REFER TO SPECIFICATION SECTION 01 6190-3.1
С	CONDUIT	WAF	SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF WORK.
C.B.	CIRCUIT BREAKER		FLUSH WALL MOUNTED DATA OUTLET CONSISTING OF (2) PORT STAINLESS S
СН	CABINET HEATER		WITH LABEL WINDOW AND 1 1/4" CONDUIT WITH (2) CAT 6 CABLE STUBBER
CKT	CIRCUIT	$\Box$	FINISHED CEILING WITH BUSHINGS. PROVIDE (2) RJ-45 FEMALE BULKHEAD TO TERMINATE INTO PATCH PANEL AT NEAREST IDF/MDF CLOSET. " # " IN
CU	CONDENSING UNIT		PORTS/CABLES/BULKHEADS. REFER TO SPECIFICATION SECTION 01 6190-
CP	CONDENSATE PUMP	]	BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF WORK.
(E)	EXISTING TO REMAIN		FLUSH WALL MOUNTED COMBINATION TELEPHONE/DATA OUTLET CONSISTING
E.C.	ELECTRICAL CONTRACTOR	4	STAINLESS STEEL COVER PLATE WITH LABEL WINDOW AND 1 1/4" CONDUIT
EF	EXHAUST FAN		CABLE AND (1) CAT 6 CABLE FOR VOIP STUBBED UP 6" ABOVE CEILING W PROVIDE (3) RJ-45 FEMALE BULKHEADS FOR DATA . CAT 6 CABLES TO T
EM	EMERGENCY	<b>⊿                                    </b>	PATCH PANEL AT NEAREST IDF/MDF CLOSET. REFER TO SPECIFICATION S
(ER)	EXISTING RELOCATED	_	MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF
EXIST.	EXISTING	4 1	FLUSH WALL MOUNTED TELEPHONE OUTLET CONSISTING OF A STAINLESS ST. PLATE WITH RJ—11 MODULE WITH 1" CONDUIT (1) #22 GAUGE UTP PHONE
FA	FIRE ALARM	<b>」</b>   ▼	6" ABOVE CEILING WITH BUSHINGS. PROVIDE COVER PLATE WITH WHITE RJ
.A.C.P.	FIRE ALARM CONTROL PANEL	<b>-</b>	PHONE CABLE SHALL TERMINATE INTO EXISTING PBX BOX. REFER TO SPEC 6190-3.1, MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL
F.C.O	FUSE CUT OUT	<b>-</b>	,,,
G,GRD	GROUND		EXISTING WALL MOUNTED CLOCK.
GFI	GROUND FAULT INTERRUPTER		FOR CALL—IN FUNCTION.
HVAC	HEATING, VENTILATING AND AIR—CONDITIONING UNIT	<del> </del>	
HWH	HOT WATER HEATER		WALL MOUNTED P.A SPEAKER MATCH EXISTING.
HWP	HOT WATER HEATING PUMP	<u>(S)</u>	SURFACE MOUNTED P.A. HORN SPEAKER.
kcmil	THOUSAND CIRCULAR MILLS		
KV	KILOVOLT		CEILING RECESS MOUNTED P.A. SPEAKER MATCH EXISTING U.O.N.
KVA	KILOVOLT AMPERE	VA	VOLUME ATTENUATOR
KW	KILOWATT		
LTG	LIGHTING		SURFACE MOUNTED WIREMOLD V700 FOR EITHER RECEPTACLE OR COMMUNI WIRING. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.
MCB	MAIN CIRCUIT BREAKER		
MDP	MAIN DISTRIBUTION PANEL		TAG SYMBOL. NUMERAL DENOTES REFERENCE TO A WORK NOTE.
MLO	MAIN LUGS ONLY	4 1	TEACHER'S WALL STATION, CONSISTS OF TWO GANG AV WALL BOX (HUBBELL
MTD	MOUNTED	4	ISTATION MODULAR DOUBLE FACEPLATE WITH LABELS (HUBBELL #IMF2XX), ( 110 UTP VIDEO EXTENDER (SOURCE) DECORATOR TYPE FEMALE ADAPTER (F
NTS	NOT TO SCALE	HDV	(3) ISTATION SINGLE PORT WITH KEYSTONE OPENING (HUBBELL #IM1K1XX)
P.A.	PUBLIC ADDRESS	_	BULKHEADS (HUBBELL #HXJ6XX) — (2) RJ45 DATA CAT. 6 CABLE (BLUE) . VOIP CONNECTION CAT. 6 CABLE (PURPLE). ALSO PROVIDE (2) CAT. 6 CAB
PNL	PANEL	4	HDMI FEMALE ADAPTER TO SMART BOARD HDMI ADAPTER. (PROVIDE STAINLE
(R)	REMOVE EXISTING	4	PLATE. DEVICE COLOR TO BE SELECTED BY OWNER/ARCH. INCLUDE ALL AS ACCESSORIES FOR A COMPLETE SYSTEM.
RAH	ROOF TOP AIR HANDLING UNIT	<b>┦</b> ├──	SMART BOARD WALL STATION, CONSISTS OF 4-GANG IN-WALL ENCLOSURE
RECPT	RECEPTACLE	-	BRACKETS AND COVER CONTAINING CABLE EXIT (HUBBELL #NSAV124M, NSA
RF .	RETURN FAN	4	DUPLEX RECEPTACLES (HUBBELL #NSOKPTR), (2) HUBBELL ISTATION MODUL LABELS (HUBBELL #IMF1XX)HDMI 110 UTP VIDEO EXTENDER (DISPLAY) DEC
(RN)	REPLACE EXISTING W/NEW		ADAPTER (HUBBELL #ISFH110XX), (1) ISTATION SINGLE PORT WITH KEYSTOI
(RR)	REMOVE AND REINSTALL	PHD	#IM1K1XX) WITH RJ45 FEMALE BULKHEAD (HUBBELL #HXJ6XX) FOR (1) F CABLE (BLUE) AND (2) BLANKS (HUBBELL #IB1XX). ALSO HDMI ADAPTER
SF	SUPPLY FAN	4	"HDV" AT TEACHERS DESK AS INDICATED ABOVE. DEVICE COLOR TO BE SE
TYP.	TYPICAL	<b>-</b>	OWNER/ARCH. INCLUDE ALL ASSOCIATED ACCESSORIES FOR A COMPLETE SY
UH	UNIT HEATER	RACS	RESCUE ASSISTANCE CALL STATION AS INDICATED ON PLAN.
J.O.N.	UNLESS OTHERWISE NOTED	10.00	NESCOL ASSISTANCE GALL STATION AS INDICATED ON TEAN.
UPS	UNINTERUPTABLE POWER SYSTEM	AOR	AREA OF REFUGE LIGHTING
UV	UNIT VENTILATOR		DESCHE ASSISTANCE DEMOTE ANNHANCIATOD
W	WATT	RA	RESCUE ASSISTANCE REMOTE ANNUNCIATOR
WP	WEATHERPROOF	RAP	RESCUE ASSISTANCE ANNUNCIATOR PANEL
			MECHANICAL EQUIPMENT IDENTIFICATION:
		**	EQUIPMENT ABBREVIATION (FE, SF, HV, ETC. SEE ABBREVIATIONS ON THIS DWG
		1	



	LEGEND		LEGEND
	CLOSED CIRCUIT TELEVISION CAMERA (CCTV). REFER TO SPECIFICATION SECTION 01 6190-3.1,	□aB	2'x2' FLUORESCENT CEILING MOUNTED FIXTURE. CAPITAL LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES SWITCH CONTROL. REFER TO LIGHTING FIXTURE SCHEDULE FOR DETAIL.
	MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF WORK.	<b>ॐ</b> /҈	CEILING/WALL MOUNTED EXIT LIGHT WITH OUTLET BOX, DIRECTIONAL ARROWS SHADED PORTION INDICATES ILLUMINATED FACE. SCHEDULE DENOTES TYPE.
FOB	KEY FOB. PROVIDE (1) CAT 6 CABLE TO NEAREST PATCH PANEL.		WALL MOUNTED EMERGENCY LIGHT FIXTURE WITH INTEGRAL BATTERY BACK-UP.
WAP	WIRELESS ACCESS POINT. REFER TO SPECIFICATION SECTION 01 6190-3.1, MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF WORK.	8/8	CEILING/WALL MOUNTED COMBO EXIT/EMERGENCY BATTERY PACK LIGHT WITH OUTLET BOX, DIRECTIONAL ARROWS SHADED PORTION INDICATES ILLUMINATED FACE. SCHEDULE DENOTES TYPE.
	FLUSH WALL MOUNTED DATA OUTLET CONSISTING OF (2) PORT STAINLESS STEEL COVER PLATE	s <sup>3K</sup>	FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH CONTROLLING ZONE "a". 'K' WHERE USED INDICATES KEY SWITCH; '3' INDICATES 3 WAY SWITCH.
$\bigvee^{\#}$	WITH LABEL WINDOW AND 1 1/4" CONDUIT WITH (2) CAT 6 CABLE STUBBED UP 6" ABOVE FINISHED CEILING WITH BUSHINGS. PROVIDE (2) RJ-45 FEMALE BULKHEADS. CAT 6 CABLES TO TERMINATE INTO PATCH PANEL AT NEAREST IDF/MDF CLOSET. " # " INDICATES NUMBER OF	S	FLUSH WALL MOUNTED LIGHTING CONTROL TOGGLE SWITCH.
	PORTS/CABLES/BULKHEADS. REFER TO SPECIFICATION SECTION 01 6190-3.1, MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF WORK.	(S)	CEILING MOUNTED DUAL TECHNOLOGY SENSOR, SIMILAR TO WATTSTOPPER MODEL# DT-300, MANUAL ON, AUTO OFF, WORK WITH LOCAL WALL SWITCH.
V	FLUSH WALL MOUNTED COMBINATION TELEPHONE/DATA OUTLET CONSISTING OF A 3 PORT STAINLESS STEEL COVER PLATE WITH LABEL WINDOW AND 1 1/4" CONDUIT WITH (2) CAT 6 CABLE AND (1) CAT 6 CABLE FOR VOIP STUBBED UP 6" ABOVE CEILING WITH BUSHINGS.	OS <sup>H</sup>	CEILING MOUNTED ULTRASONIC SENSOR, SIMILAR TO WATTSTOPPER MODEL# WT-2250, WITH LONG CORRIDOR COVERAGE PATTERN INCLUDE POWER PACK. AUTO ON, AUTO OFF, WORK WITH LOCAL KEY SWITCHES.
V	PROVIDE (3) RJ-45 FEMALE BULKHEADS FOR DATA . CAT 6 CABLES TO TERMINATE INTO PATCH PANEL AT NEAREST IDF/MDF CLOSET. REFER TO SPECIFICATION SECTION 01 6190-3.1, MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF WORK.	VS	WALL RECESS MOUNTED DUAL TECHNOLOGY VACANCY SENSOR, SIMILAR TO WATTSTOPPER MODEL# DSW-100. MANUAL ON, AUTO OFF.
<b>V</b>	FLUSH WALL MOUNTED TELEPHONE OUTLET CONSISTING OF A STAINLESS STAINLESS STEEL COVER PLATE WITH RJ-11 MODULE WITH 1" CONDUIT (1) #22 GAUGE UTP PHONE CABLE STUBBED UP 6" ABOVE CEILING WITH BUSHINGS. PROVIDE COVER PLATE WITH WHITE RJ-11 MODULE.	RC3	NETWORK DIGITAL ROOM CONTROLLER FOR LIGHTING CONTROL. SIMILAR TO WATTSTOPPER MODEL LMRC-213. HOT WIRE TO LOAD, CAT 5 WIRE CONNECTIONS TO CONTROL DEVICES. RC'#' DENOTES LMRC-21'#' WITH '#' OF ZONES.
•	PHONE CABLE SHALL TERMINATE INTO EXISTING PBX BOX. REFER TO SPECIFICATION SECTION 01 6190-3.1, MATRIX OF BUILDING SYSTEM RESPONSIBILITIES, FOR ADDITIONAL SCOPE OF WORK.	OS	NETWORK DIGITAL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, SIMILAR TO WATTSTOPPER MODEL LMDC-100. WORKS WITH DIGITAL ROOM CONTROLLER.
Ф	EXISTING WALL MOUNTED CLOCK.	PC	NETWORK DIGITAL CEILING MOUNTED SINGLE ZONE PHOTO SENSOR. SINGLE ZONE PHOTO SENSOR. SIMILAR TO WATT STOPPER MODEL LMLS—400. WORKS WITH ROOM CONTROLLER.
CI	FOR CALL—IN FUNCTION.	3	NETWORK DIGITAL FLUSH MOUNTED PRESET WALL STATIONS, SIMILAR TO WATTSTOPPER MODEL
<u>(S)</u>	WALL MOUNTED P.A SPEAKER MATCH EXISTING.  SURFACE MOUNTED P.A. HORN SPEAKER.	WS2	LMSW-102, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING. WS'#' DENOTES LMSW-10'#' WITH '#' OF BUTTONS. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
<u>s</u>	CEILING RECESS MOUNTED P.A. SPEAKER MATCH EXISTING U.O.N.	R	EMERGENCY LIGHTING UL924 RELAY. PROVIDE WATTSTOPPER ELCU—200 MODULE FOR EMERGENCY LIGHT FUNCTION FOR INTERIOR LIGHTING AND LVS MODEL #EPC—D FOR EXTERIOR LIGHTING FIXTURES,
VA	VOLUME ATTENUATOR	(PC)	SURFACE MOUNTED SINGLE ZONE PHOTO SENSOR WITH LONG RANGE. SIMILAR TO HUBBELL #DLCPCI.
	SURFACE MOUNTED WIREMOLD V700 FOR EITHER RECEPTACLE OR COMMUNICATION WIRING. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.		
1	TAG SYMBOL. NUMERAL DENOTES REFERENCE TO A WORK NOTE.	HPC)	EXTERIOR WALL MOUNTED SINGLE ZONE PHOTO SENSOR. SIMILAR TO HUBBELL #DLCPCO.
	TEACHER'S WALL STATION, CONSISTS OF TWO GANG AV WALL BOX (HUBBELL #HBL985), HUBBELL ISTATION MODULAR DOUBLE FACEPLATE WITH LABELS (HUBBELL #IMF2XX), CONTAINING (1) HDMI	H <sub>OS</sub>	WALL MOUNTED OCCUPANCY SENSOR DEDICATED FOR MOTORIZED CURTAIN, ONE ON EACH SIDE OF THE CURTAIN AS SHOWN
HDV	110 UTP VIDEO EXTENDER (SOURCE) DECORATOR TYPE FEMALE ADAPTER (HUBBELL #ISFH110XX), (3) ISTATION SINGLE PORT WITH KEYSTONE OPENING (HUBBELL #IM1K1XX) WITH RJ45 FEMALE BULKHEADS (HUBBELL #HXJ6XX) — (2) RJ45 DATA CAT. 6 CABLE (BLUE) AND (1) RJ45 FOR	◎/⑨	CEILING/WALL MOUNTED JUNCTION BOX.
	VOIP CONNECTION CAT. 6 CABLE (PURPLE). ALSO PROVIDE (2) CAT. 6 CABLE (BLUE) FROM HDMI FEMALE ADAPTER TO SMART BOARD HDMI ADAPTER. (PROVIDE STAINLESS STEEL COVER PLATE. DEVICE COLOR TO BE SELECTED BY OWNER/ARCH. INCLUDE ALL ASSOCIATED		FLUSH FLOOR MOUNTED JUNCTION BOX
	ACCESSORIES FOR A COMPLETE SYSTEM.  SMART BOARD WALL STATION, CONSISTS OF 4-GANG IN-WALL ENCLOSURE WITH NEW WORK STUD	3	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT. HOMERUN SHALL CONSIST OF 2#12-3/4"C U.O.N.
	BRACKETS AND COVER CONTAINING CABLE EXIT (HUBBELL #NSAV124M, NSAV12C, NSAV6NW), (2)  DUPLEX RECEPTACLES (HUBBELL #NSOKPTR), (2) HUBBELL ISTATION MODULAR FACEPLATE WITH  LABELS (HUBBELL #IMF1XX)HDMI 110 UTP VIDEO EXTENDER (DISPLAY) DECORATOR TYPE FEMALE  ADAPTER (HUBBELL #ISFH110XX), (1) ISTATION SINGLE PORT WITH KEYSTONE OPENING (HUBBELL	2,(4,6)	HOMERUN TO DESIGNATED PANEL, NUMBERS IN PARENTHESIS INDICATE MULTIPLE CIRCUIT, I.E. 3—HOTS AND 1—GROUND U.O.N.
PHD	#IM1K1XX) WITH RJ45 FEMALE BULKHEAD (HUBBELL #HXJ6XX) FOR (1) RJ45 DATA CAT. 6 CABLE (BLUE) AND (2) BLANKS (HUBBELL #IB1XX). ALSO HDMI ADAPTER WILL BE WIRED TO		EXISTING TO REMAIN
	"HDV" AT TEACHERS DESK AS INDICATED ABOVE. DEVICE COLOR TO BE SELECTED BY OWNER/ARCH. INCLUDE ALL ASSOCIATED ACCESSORIES FOR A COMPLETE SYSTEM.		NEW
RACS	RESCUE ASSISTANCE CALL STATION AS INDICATED ON PLAN.	Ф	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED DUPLEX RECEPTACLE HUBBELL #5362.
AOR	AREA OF REFUGE LIGHTING	<b>+</b>	SAME AS ABOVE EXCEPT DOUBLE DUPLEX RECEPTACLE.
RA	RESCUE ASSISTANCE REMOTE ANNUNCIATOR  RESCUE ASSISTANCE ANNUNCIATOR PANEL		DEDICATED OUTLET . OUTLET SHALL BE AS DESIGNATED ON DRAWING.
RAP	MECHANICAL EQUIPMENT IDENTIFICATION:		20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL
*	EQUIPMENT ABBREVIATION (FE, SF, HV, ETC. SEE ABBREVIATIONS ON THIS DWG.)		#GF5362.
DF	TAIL/PART PLAN NUMBER IDENTIFICATION:	$\odot$	125V-2P-3W-20A ISOLATED GROUND TYPE, SPECIFICATION GRADE CEILING MOUNTED DUPLEX RECEPTACLE HUBBELL #5362.
***	DETAIL/PART PLAN NUMBER		125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE CEILING MOUNTED DUPLEX RECEPTACLE
	DRAWING NUMBER		SURFACE MOUNTED ELECTRICAL PANELBOARD.
			SURFACE MOUNTED EXISTING ELECTRICAL PANELBOARD.
		240/3 60 40 WP	HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION. 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES AMPERE RATING, NF INDICATES NON-FUSED(OR FUSE SIZE) U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE. 'WP' WHERE USED INDICATES WEATHERPROOF ENCLOSURE (NEMA 3R).
		<u> </u>	



ISSUED TO

**JFKES** 

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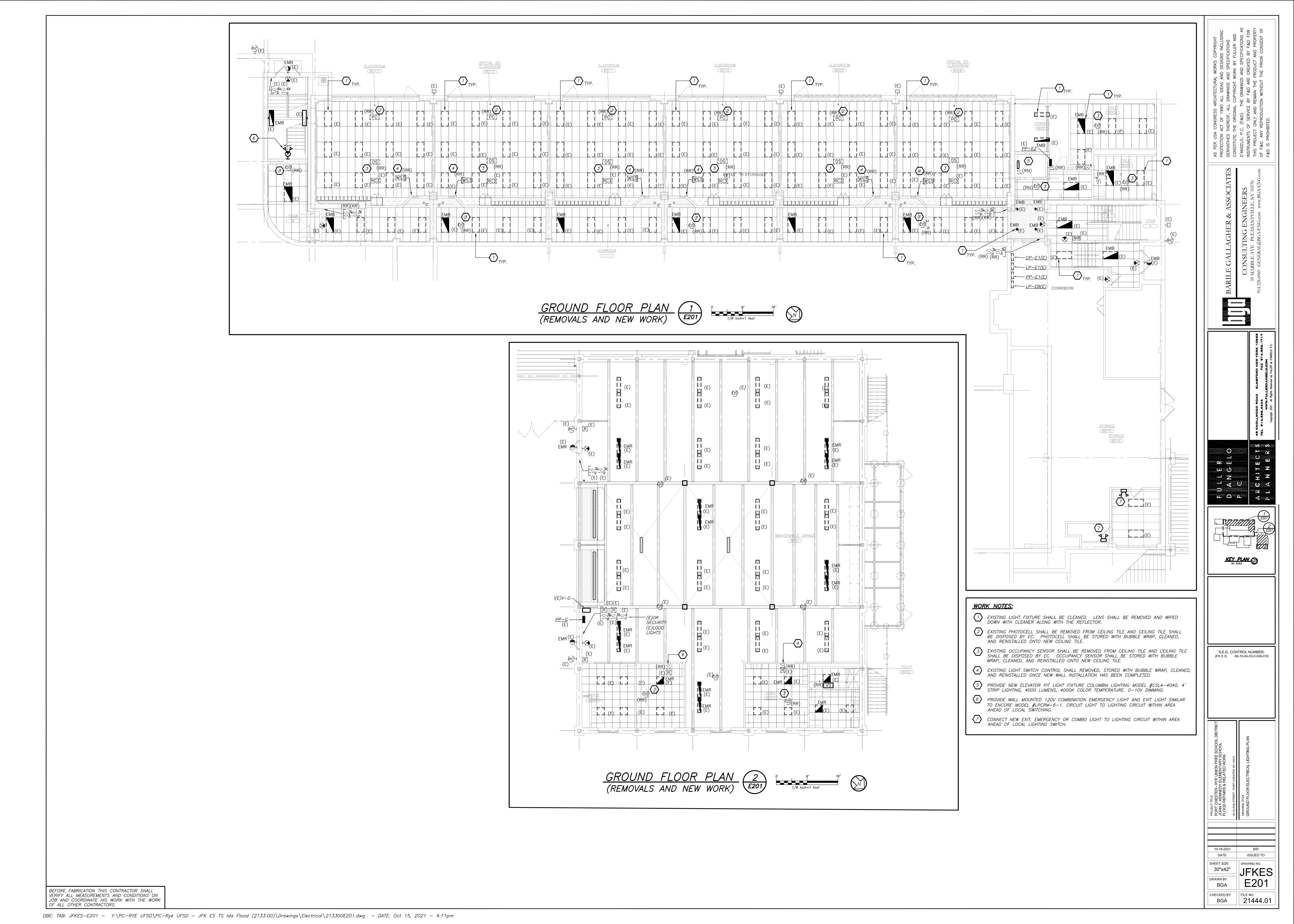
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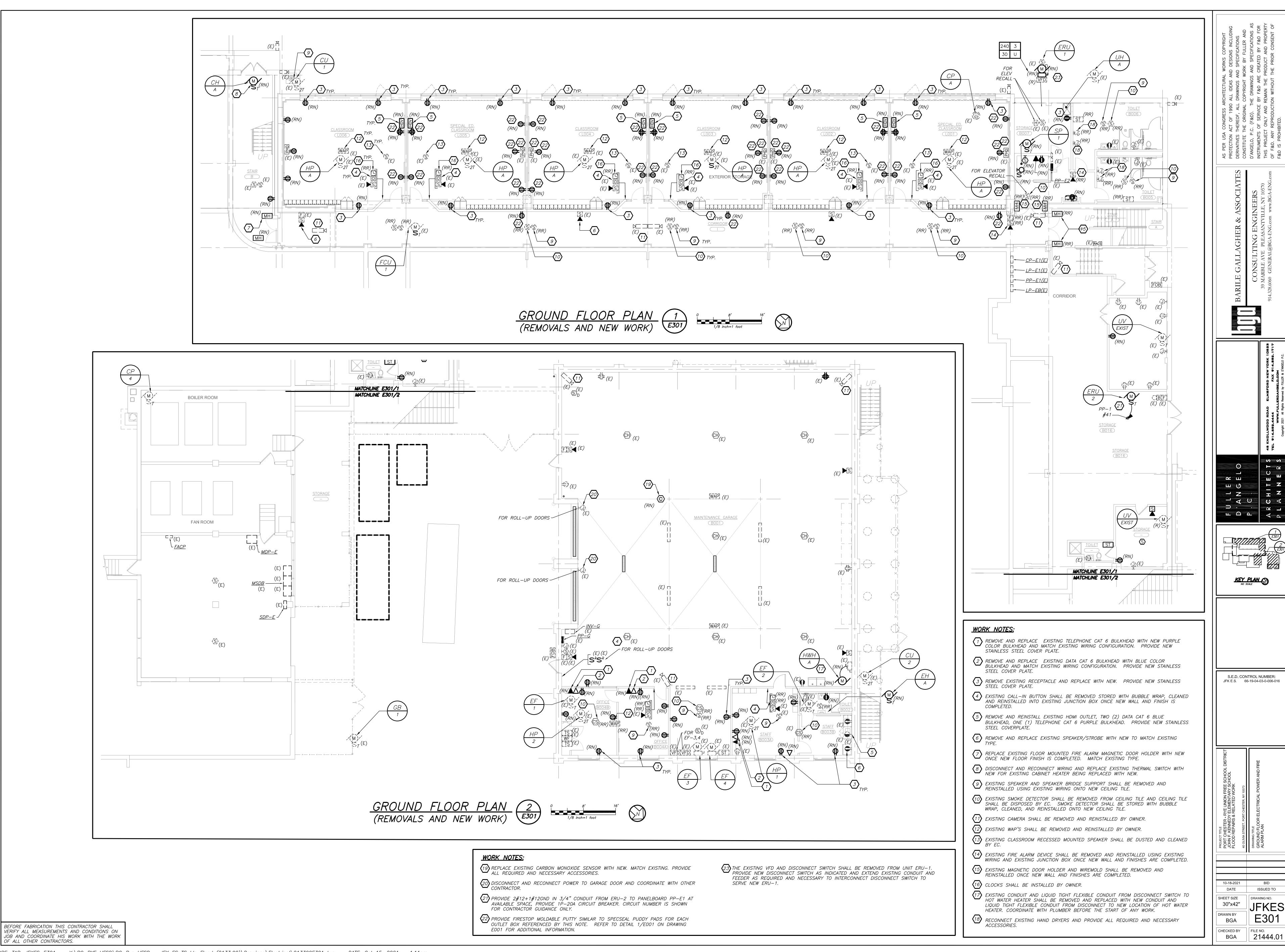
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BGA

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.





DBE: TAB: JFKES-E301 - Y:\PC-RYE UFSD\PC-Rye UFSD - JFK ES TS Ida Flood (2133.00)\Drawings\Electrical\213300E301.dwg - DATE: Oct 15, 2021 - 4:11pm