Alterations to Administration Building

Peekskill City School District

2226.2A

05/21/2025

Issued for Bid

MOSAIC ASSOCIATES

The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180 T 518.479.4000 1.877.479.3744 F 518.477.1356

Mosaic Associates Architects, DPC

STATE EDUCATION DEPARTMENT CONTROL NUMBERS:

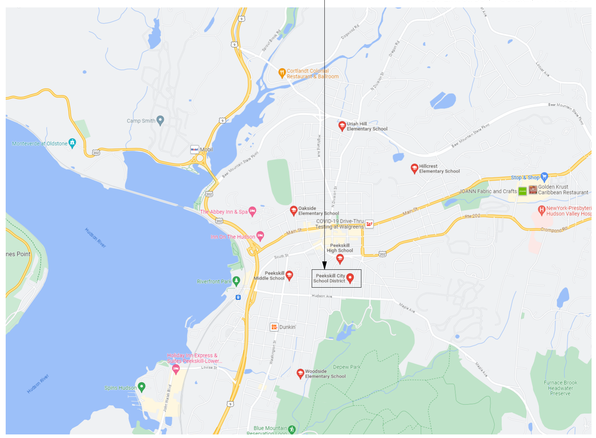
Administration Building: 66-15-00-01-0-009-013

PROJECT CONFORMANCE NOTE:

THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS OF 2020 BUILDING CODES OF NEW YORK STATE, 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE AND BUILDING STANDARDS OF NEW YORK STATE EDUCATION DEPARTMENT.

LOCATION MAP:

Administration Building
1031 Elm Street, Peekskill, NY 10566



LIST OF DRAWINGS:

ALL CONTRACTS

001	COVER SHEET - LOCATION MAP, LIST OF DRAWINGS, ABBREVIATIONS, DRAWING CONVENTIONS and SYMBOLS
G 001	LOWER LEVEL CODE COMPLIANCE
G 002	FIRST FLOOR CODE COMPLIANCE

GENERAL CONSTRUCTION CONTRACT

LA 100	SITE SURVEY
LA 101	SITE PREPARATION PLAN
LA 102	GRADING AND DRAINAGE PLAN
LA 103	SITE LAYOUT PLAN
LA 900	SITE DETAILS
S 001	NOTES AND SPECS
S 002	SPECIAL INSPECTIONS & MISC DETAILS
S 100	STRUCTURAL PLANS AND DETAILS
A 101	PARTIAL ABATEMENT PLAN
G D01	PARTIAL DEMOLITION PLANS
G D21	DEMOLITION SECTIONS
G 101	PARTIAL RECONSTRUCTION PLANS
G 201	BUILDING ELEVATIONS
G 401	REFLECTED CEILING PLAN
G 402	CEILING DETAILS
G 501	ENLARGED PLANS & ELEVATIONS
G 502	CORRIDOR & STAIR ELEVATIONS
G 601	WALL SECTIONS
G 701	DOOR TYPES, DETAILS, & SCHEDULE
G 702	WINDOW TYPES, DETAILS, & SCHEDULE
G 801	WALL TYPES
G 802	INTERIOR DETAILS
G 1000	FINISH SCHEDULE

MECHANICAL CONSTRUCTION CONTRACT

P 001	PLUMBING NOTES, ABBREVIATIONS, & SYMBOLS
P 201	BASEMENT & LOWER LEVEL PLUMBING REMOVAL PLAN
P 301	BASEMENT & LOWER LEVEL DRAINAGE PLAN
P 401	BASEMENT & LOWER LEVEL SUPPLY PLAN
M 001	NOTES AND SYMBOLS
M 002	SCHEDULES
M 201	BASEMENT & LOWER LEVEL MECHANICAL REMOVAL PLAN
M 301	BASEMENT & LOWER LEVEL DUCT PLAN
M 401	BASEMENT & LOWER LEVEL PIPING PLAN
M 601	DETAILS AND DIAGRAMS
M 602	DETAILS AND DIAGRAMS
M 701	TEMPERATURE CONTROLS
M 702	TEMPERATURE CONTROLS

ELECTRICAL CONSTRUCTION CONTRACT

E 001	LEGEND, GENERAL NOTES, AND ONE-LINE DIAGRAM
E 002	ELECTRIC EQUIPMENT AND CONTROL, LIGHTING FIXTURE, AND PANELBOARD SCHEDULES
E 101	SITE PLAN - LIGHTING
E 201	BASEMENT & LOWER LEVEL ELECTRICAL REMOVAL PLANS
E 301	BASEMENT AND LOWER LEVEL LIGHTING PLANS
E 401	BASEMENT AND LOWER LEVEL POWER PLANS
E 501	BASEMENT AND LOWER LEVEL SYSTEMS PLANS
E 601	DETAILS
E 602	DETAILS
T 001	LEGEND AND GENERAL NOTES
T 201	BASEMENT & LOWER LEVEL TECHNOLOGY REMOVAL
T 301	BASEMENT AND LOWER LEVEL TECHNOLOGY PLAN
T 601	COMMUNICATIONS DETAILS
TS 301	BASEMENT AND LOWER LEVEL SECURITY PLAN

CONSULTANTS:

Engineered Solutions
646 Plank Rd, Suite 104
Clifton Park, NY 12065
phone: (518)280-2410
www.engineered-solutions.net

engineeredsolutions

Electrical
Communications
Mechanical

appel osborne landscape architecture

STRUCTURAL ENGINEER
SHAMROCK ENGINEERING P.C.
1 THRUSH TERRACE
EAST GREENBUSH, NY
(518) 441-6148

DRAWINGS CONVENTIONS AND SYMBOLS:

EXISTING WALL CONSTRUCTION TO REMAIN

LINE OF EXISTING FLOOR FINISH TO REMAIN

LINE OF EXISTING SOFFIT OR CONSTRUCTION ABOVE TO REMAIN

EXISTING WINDOW TO REMAIN

EXISTING DOORS TO REMAIN

EXISTING CONSTRUCTION OR EQUIPMENT TO BE REMOVED, REINSTALLED AND/OR SALVAGED WITH DEMOLITION KEYNOTE TAG. SEE FLOOR PLANS FOR ADDITIONAL INFORMATION.
INDICATES DEMOLITION KEYNOTE NUMBER

NEW METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION WITH WALL TYPE TAG. SEE WALL TYPE LEGEND FOR ADDITIONAL INFORMATION.
INDICATES WALL TYPE NUMBER

NEW CONCRETE BLOCK WALL CONSTRUCTION WITH WALL TYPE TAG. SEE WALL TYPE LEGEND FOR ADDITIONAL INFORMATION.

NEW MASONRY WALL CONSTRUCTION. SEE WALL SECTIONS AND WALL TYPE LEGEND FOR ADDITIONAL INFORMATION.

NEW MASONRY CAVITY WALL CONSTRUCTION WITH WALL TYPE TAG. SEE WALL TYPES AND WALL SECTIONS for ADDITIONAL INFORMATION

LINE of NEW SOFFIT or CONSTRUCTION ABOVE

LINE of NEW FLOOR FINISH with CHANGE OF FLOOR FINISH TAG
INDICATES CHANGE OF FLOOR FINISH MATERIAL. AT CHANGE OF FLOOR MATERIAL PROVIDE COORDINATED VINYL OR METAL TRANSITION TRIM.

LINE OF NEW CASEWORK ABOVE BY EQUIPMENT CONTRACTOR.

LINE OF NEW EQUIPMENT BY EQUIPMENT CONTRACTOR(S) ON GENERAL CONSTRUCTION DRAWINGS. THESE LINES WILL BE CONTINUOUS ON EQUIPMENT DRAWINGS.

NEW WINDOW WITH WINDOW TAG. SEE WINDOW TYPES, WINDOW SCHEDULE, EXTERIOR ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION.
INDICATES WINDOW TYPE

NEW DOOR WITH DOOR TAG. SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
INDICATES DOOR NUMBER. THIS NUMBER CORRELATES WITH THE ROOM NUMBER.
INDICATES DOOR SUB-LETTER, USED AT SPACES WITH MULTIPLE DOORS.

ROOM NAME TAG THE ROOM NUMBERS ON THESE DRAWINGS DO NOT NECESSARILY CORRESPOND WITH THE ROOM NUMBERS ASSIGNED TO ROOMS BY SCHOOL OFFICIALS
INDICATES NAME OF ROOM
INDICATES ROOM NUMBER
INDICATES ROOM SQUARE FOOTAGE

OCCUPANCY TAG
INDICATES NUMBER OF OCCUPANTS FOR ROOM

EXTERIOR ELEVATION TAG
INDICATES SHEET NUMBER ON WHICH THE ELEVATION IS SHOWN
INDICATES ELEVATION NUMBER

SECTION TAG - WALL SECTION, BUILDING SECTION OR SECTION DETAIL
INDICATES SECTION NUMBER
INDICATES SHEET NUMBER ON WHICH THE SECTION IS SHOWN

DETAIL TAG - PARTIAL FLOOR PLAN OR DETAIL
INDICATES DETAIL NUMBER
INDICATES SHEET NUMBER ON WHICH THE DETAIL IS SHOWN

INTERIOR ELEVATION TAGS
INDICATES SHEET NUMBER ON WHICH THE ELEVATION IS SHOWN
INDICATES ELEVATION NUMBER

SPOT ELEVATION
INDICATES HEIGHT OF ELEMENT

KEYNOTE TAG
INDICATES KEYNOTE NUMBER

REVISION BUBBLE WITH REVISION TAG. SEE TITLEBLOCK FOR CORRESPONDING DATE.
INDICATES REVISION NUMBER

REMOVE EXISTING CONCRETE SLAB AND FLOOR FINISH

COLUMN CENTERLINES AND BUBBLES

NOTE:
SEE DEMOLITION PLANS, ALL FLOOR PLANS, REFLECTED CEILING PLANS AND ANY FLOOR FINISH PLANS FOR ADDITIONAL HATCH PATTERNS, LINETYPES AND SYMBOLS THAT RELATE TO THESE SPECIFIC DRAWINGS.

ABBREVIATIONS:

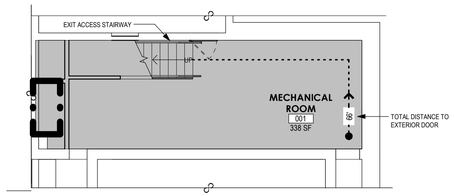
AB	ANCHOR BOLT	CIP	CAST IN PLACE	EQP	EQUIPMENT	HB	HOSE BIBB	MIN	MINIMUM	R	RISER	T	TREAD
AC	AIR CONDITIONING	CJ	CONTROL JOINT	ERW	EMERGENCY RESCUE	HC	HANDICAP(PED)	MIR	MIRROR	RAD	RADIUS		THERMOSTAT
ACC	ACCESS	CL	CENTERLINE		WINDOW		HVAC	MISC	MISCELLANEOUS		RADIATOR		TOP
ACMU	ARCHITECTURAL CONCRETE MASONRY	CLG	CLOSET	EST	ESTIMATE		CONTRACTOR	MO	MASONRY OPENING		RADIATION	TB	TACK BOARD
			CEILING	EWC	ELECTRIC WATER		HOLLOW CORE	MTD	MOUNTED	RD	ROOF DRAIN		TOWEL BAR
UNI		CLOS	CLOSET		COOLER	HD	HAND, HAND	MTL	METAL		ROAD	T&B	TOP AND BOTTOM
ACOUST	ACOUSTICAL	CLP	CLEAN IN PLACE	EXH	EXHAUST		RYER, HEAD	MUL	MULLION	REF	REFERENCE	T&G	TONGUE AND
AD	ACCESS DOOR	CLR	CLEARANCE)	EXIST	EXISTING	HDR	HEADER	MW	MICROWAVE	REFR	REFRIGERATOR		GROOVE
	AREA DRAIN	CLRM	CLASSROOM	EXP	EXPANSION	HT	HEIGHT			REG	REGISTER	TEL	TELEPHONE
ADDL	ADDITIONAL	CMU	CONCRETE		EXPOSED	HTD	HIGH INTENSITY	N	NORTH	REINF	REINFORCED(),	TEMP	TEMPORARY
ADJ	ADJACENT		MASONRY UNIT	EXR	EXISTING		DISCHARGE	NA	NOT APPLICABLE		(ING)		TEMPERATURE
	ADJUSTABLE	CO	CLEAN OUT		CONSTRUCTION	HM	HOLLOW METAL	NC	NOT IN	REQD	REQUIRED		TEMPERED
AFF	ABOVE FINISH FLOOR	COL	COLUMN		TO REMAIN	HORIZ	HORIZONTAL		CONTRACT	RFL	REFLECT(ED), (IVE), (OR)	TES	TAPERED EDGE
		CONC	CONCRETE	EXT	EXTERIOR	HP	HIGH POINT	NO	NUMBER				STRIP
ALUM	ALUMINUM	CONF	CONFERENCE			HRDW	HARDWARE	NOM	NOMINAL	RFC	RESILIENT FLOOR	THK	THICK
ALT	ALTERNATE	CONST	CONSTRUCTION	FA	FIRE ALARM	HTG	HEATING	NTS	NOT TO SCALE		COVERING	THLD	THRESHOLD
ANOD	ANODIZED	CONT	CONTINUOUS	FBO	FURNISH BY OTHER	HTR	HEATER			RQMT(S)	REQUIREMENT(S)	TOC	TOP OF
AP	ACOUSTIC PANEL	CONTR	CONTRACTOR	FD	FLOOR DRAIN	HVAC	HEATING	OA	OUTSIDE AIR	REV	REVISION		CONCRETE
APC	ACOUSTICAL	CORR	CORRIDOR		FIRE DAMPER		ENTILATING &	OC	ON CENTER	RH	RIGHT HAND	TOS	TOP OF STEEL
	PANEL CEILING	CR	INSULATION CRICKET	FDN	FOUNDATION		AIR ONDITIONING	OD	OUTSIDE		ROOF HATCH	TOW	TOP OF WALL
APPROX	APPROXIMATE	CSNK	COUNTERSINK	FE	FIRE	HW	HOT WATER		DIAMETER	RM	ROOM	TS	TUBE STEEL
ARCH	ARCHITECT(URAL)	CSWK	CASEWORK		EXTINGUISHER			OFF	OFFICE	RO	ROUGH OPENING	TYP	TYPICAL
ASPH	ASPHALT	CT	CERAMIC TILE	FEC	FIRE	ID	INSIDE DIAMETER	OH	OPPOSITE HAND	ROW	RIGHT OF WAY		
ASST	ASSISTANT	CTR	COUNTER		EXTINGUISHER	IN	INCHES		OVER HEAD	RTU	ROOF TOP UNIT	UH	UNIT HEATER
AUTO	AUTOMATIC	CU	CUBIC		CABINET	INCL	INCLUDING(IDED)	OPNG	OPENING	RV	ROOF	UNFN	UNFINISHED
AUX	AUXILIARY		CONDENSING	FF	FINISH FLOOR	INFO	INFORMATION	OPP	OPPOSITE		VENTILATOR	UNO	UNLESS NOTED
AV	AUDIO VISUAL		UNIT	FIN	FINISH OR FINISHED	INSUL	INSULATION	OPT	OPTION(AL)	RVT	REINFORCED		OTHERWISE
AVE	AVENUE	CUST	CUSTODIAN	FIXT	FIXTURE	INT	INTERIOR				VINYL TILE	UR	URINAL
AVG	AVERAGE	CW	COLD WATER	FLEX	FLEXIBLE	INTEG	INTEGRAL	PAR	PARALLEL	RWC	RAIN WATER	UV	UNIT VENTILATOR
AWG	AMERICAN WIRE GAUGE			FLUOR	FLUORESCENT	INTMED	INTERMEDIATE	PC	PLUMBING CONTRACTOR		CONDUCTOR	V	VOLT
		DAMP	DAMPROOFING	FLR	FLOOR	INV	INVERT					VAR	VARIES
BD	BOARD	DBL	DOUBLE	FLSHG	FLASHING			PERF	PERFORATED	S	SOUTH	VCT	VINYL COMPOSITE
BEV	BEVELED	DEMO	DEMOLITION	FOC	FACE OF	JAN	JANITOR	PERIM	PERIMETER	SAN	SANITARY		TILE
BITUM	BITUMINOUS	DF	DRINKING FOUNTAIN	FOF	FACE OF FINISH	JST	JOIST	PKG	PARKING	SC	SOLID CORE	VENT	VENTILATION
BLDG	BUILDING			FOM	FACE OF	JT	JOINT	PL	PLATE	SCHED	SCHEDULE(D)	VERT	VERTICAL
BLK	BLOCK	DIA	DIAMETER	FOS	MASONRY				PROPERTY LINE	SD	SMOKE DETECTOR	VEST	VESTIBULE
BLKG	BLOCKING	DIAG	DIAGONAL	FOW	FACE OF STUDS	KIT	KITCHEN	PLAM	PLASTIC LAMINATE			VIF	VERIFY IN FIELD
BM	BENCHMARK		DIAGRAM	FOW	FACE OF WALL	KW	KILOWATT				SUPPLY	VOL	VOLUME
	BEAM	DIM	DIMENSION	FP	FILLER PANEL	L	LENGTH	PLAS	PLASTER		DIFFUSER	VTR	VENT THROUGH
BOT	BOTTOM	DL	DEAD LOAD	FSU	FOOD SERVICE		LONG	PLBG	PLUMBING		SOAP DISPENSER		ROOF
BRG	BEARING	DN	DOWN		EQUIPMENT	LAM	LAMINATE	PLYWD	PLYWOOD	SEC	SECRETARY	VWC	VINYL WALL
BSMT	BASEMENT	DS	DOWNSPOUT	FT	FOOT/FEET	LAV	LAVATORY	PNL	PANEL	SEAL	SEALANT		COVERING
BUR	BUILT UP ROOF	DTL	DETAIL	FTG	FOOTING	LDR	LEADER	PREFAB	PREFABRICATED	SECT	SECTION		
		DWG	DRAWING	FURN	FURNISH(ED)	LH	LEFT HAND	PREFIN	PREFINISHED	SG	SUPPLY GRILL		
C	CONDUIT	DWR	DRAWER	FUT	FUTURE	LIN	LINEAR	PREP	PREPARE(ATION)	SH	SHELVES	W	WEST
CAB	CABINET					LK	LOCK	PRFN	PRINCIPAL	SHT	SHEET		WIDE
CAP	CAPACITY	E	EAST	G	GAS	LL	LIVE LOAD	PSF	POUNDS PER SQUARE FOOT	SHTHG	SHEATHING	WB	WHITE BOARD
CB	CATCH BASIN	EA	EACH	GA	GAUGE	LLH	LONG LEG HORIZONTAL	PSI	POUNDS PER SQUARE INCH	SIM	SIMILAR	W/	WITH
	CHALKBOARD	EB	EXPANSION BOLT	GAL	GALLON					SK	SKYLIGHT	W/O	WITHOUT
CEM	CEMENTITIOUS	EC	ELECTRICAL CONTRACTOR	GALV	GALVANIZED	LLV	LONG LEG ERTICAL	PT	PRESSURE TREATED	SPEC	SPECIFICATION	WC	WATER CLOSET
CER	CERAMIC			GB	GRAB BAR	LO	LOUVER		PAINT		SPECIFIED	WD	WATER COOLER
CFM	CUBIC FEET PER MINUTE	ED	EDUCATION	GC	GENERAL CONTRACTOR	LOC(S)	LOCATION(S)	PTD	PAPER TOWEL DISPENSER	SQ	SQUARE	WD	WOOD
		EF	EXHAUST FAN			LP	LIGHTING PANEL			SP	SPEECH	WIND	WINDOW
CG	CORNER WALL GUARD	EG	END WALL GUARD	GEN	GENERAL CONTRACTOR		LOW POINT		PAINTED	SPKR	SPEAKER	WP	WORK POINT
		EJ	EXPANSION JOINT		GENERATOR	LT	LIGHT	PTN	PARTITIONED	SS	STAINLESS STEEL		WATER PROOFING
CH	COAT HOOK	EL	ELEVATION	GR	GRADE			PV	PLUMBING VENT	ST	STORAGE	WR	WATER
CHAM	CHAMFER	ELAS	ELASTOMERIC	GRD	GROUND	MAS	MASONRY	PVC	POLYVINYL CHLORIDE	STD	STANDARD		RESISTANT
CI	CAST IRON	ELEC	ELECTRIC(AL)	GL	GLAZING	MAX	MAXIMUM			STL	STEEL	WSCT	WAINSCOT
CIRC	CIRCUMFERENCE	ELEV	ELEVATION	GUID	GUIDANCE	MB	MARKER BOARD	PVMT	PAVEMENT	STRUCT	STRUCTURAL	WT	WEIGHT
		EMER	EMERGENCY	GWB	GYPSUM WALL BOARD	MECH	MECHANICAL			SUSP	SUSPENDED	WWF	WELDED WIRE FABRIC
		ENCL	ENCLOSE(URE)			MEMB	MEMBRANE	QT	QUARRY TILE	SYM	SYMMETRICAL		
		EP	ELECTRIC PANEL	GYP	GYPSUM	MEZZ	MEZZANINE	QTY	QUANTITY	SYS	SYSTEM	YD	YARD
		EQ	EQUAL			MFR	MANUFACTURER						
						MH	MANHOLE						

CODE COMPLIANCE SUMMARY

ITEM	REFERENCE	ALLOWED/REQUIRED	PROVIDED/ACTUAL	
OCCUPANCY CLASSIFICATION	2020 BCNYS 305.1		EDUCATIONAL GROUP E	
CLASSIFICATION OF WORK	2020 BCNYS 603.1		ALTERATION - LEVEL 2	
CONSTRUCTION TYPE	2020 BCNYS 602.2		TYPE II B	
FLOOR AREA (LOWER LEVEL)			13,289 SF	
WORK AREA	2020 EBCNYS 601.2		4,366 SF (33% OF LOWER LEVEL)	
SPRINKLER SYSTEM			EXISTING BUILDING IS NOT SPRINKLERED	
EXIT ACCESS TRAVEL DISTANCE	2020 BCNYS TABLE 1017.2	200 FEET WITHOUT SPRINKLER SYSTEM	SEE DRAWINGS	
CORRIDOR TRAVEL DISTANCE	2022 MPS S107-1b	150 FT TO EXT. DOOR AT GROUND FLOOR 120 FT TO EXIT STAIR AT OTHER FLOORS	SEE DRAWINGS	
OCCUPANT LOAD	2020 BCNYS 1004		133 TOTAL OCCUPANTS (IN NEW GROUP E AREA)	
PLUMBING FIXTURES			**EXISTING**	**PROVIDED**
WATER CLOSETS	2020 BCNYS TABLE 2902.1	1 PER 50 = 133/50 = 3	2	3
LAVATORIES	2020 BCNYS TABLE 2902.1	1 PER 50 = 133/50 = 3	1	2
DRINKING FOUNTAINS	2020 BCNYS TABLE 2902.1	1 PER 100 = 133/100 = 2	1	1
SHOWERS	2020 BCNYS TABLE 2902.1	0	5	1
SERVICE SINKS	2020 BCNYS TABLE 2902.1	1	0	

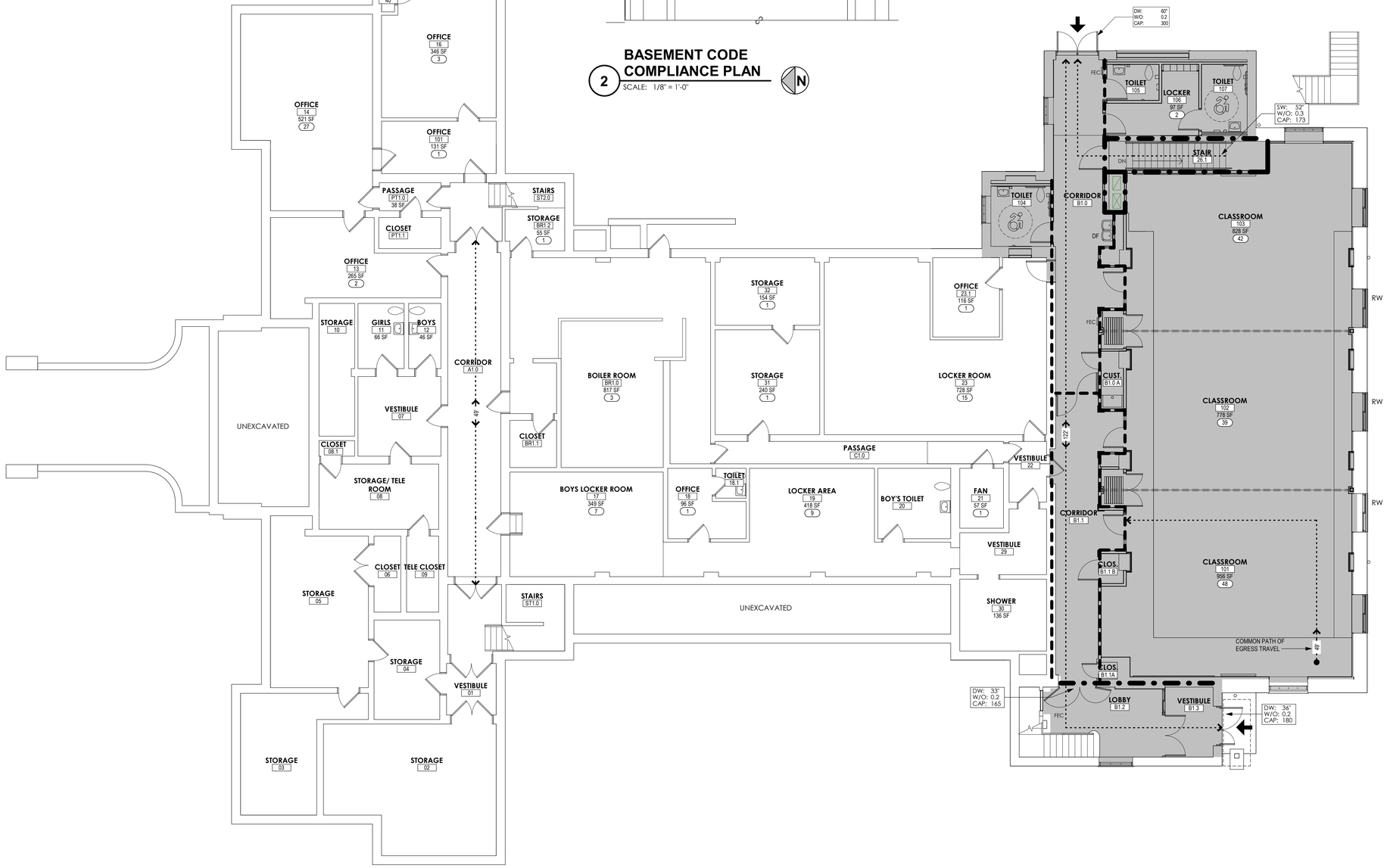
CODE COMPLIANCE PLAN LEGEND

- ENTRANCE TAG. INDICATES ACCESSIBLE ENTRY and ROUTE.
- 1 HOUR RATED FIRE BARRIER
- 1 HOUR RATED FIRE PARTITION
- 17'-0" — INDICATES TOTAL DISTANCE BETWEEN EXTERIOR DOORS ON GROUND FLOOR, OR DISTANCE BETWEEN STAIRS ON OTHER FLOORS
- FE or FEC — FIRE EXTINGUISHER OR FIRE EXTINGUISHER CABINET
- RW — RESCUE WINDOW
- DF — DRINKING FOUNTAIN
- (OCC) — OCCUPANCY TAG. INDICATES OCCUPANT LOAD PER BCNYS
- DW: 33" / W/O: 0.2 / CAP: 165 — EGRESS CAPACITY: DW OR SW: DOOR WIDTH OR STAIR WIDTH; W/O: WIDTH PER OCCUPANT; CAP: CAPCITY PER BCNYS
- WORK AREA - LEVEL 2 ALTERATIONS



2 BASEMENT CODE COMPLIANCE PLAN

SCALE: 1/8" = 1'-0"



1 LOWER LEVEL CODE COMPLIANCE PLAN

SCALE: 1/8" = 1'-0"

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MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
LOWER LEVEL CODE COMPLIANCE

Drawn by: RWK/SL

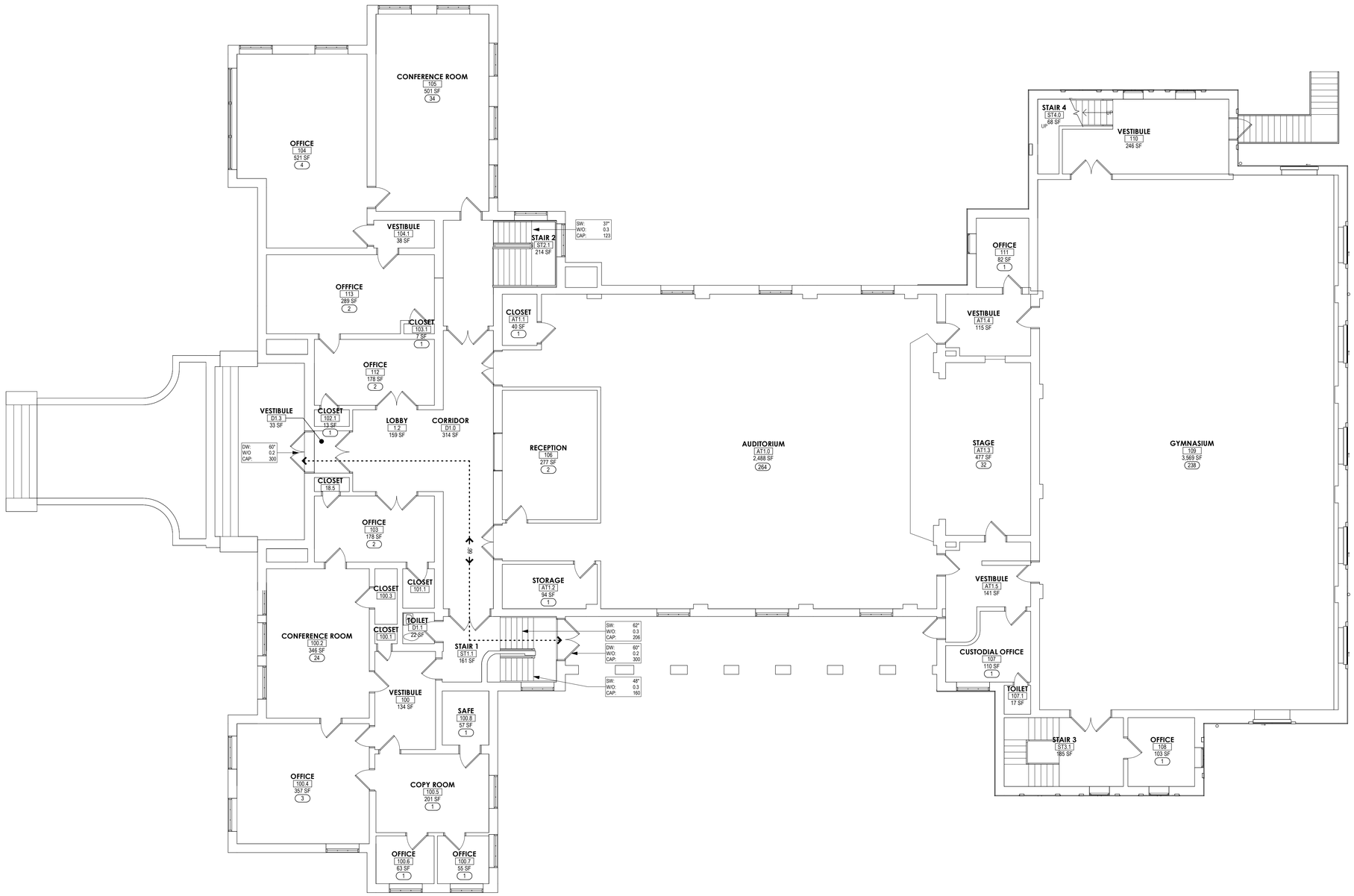
Date: October 11, 2024

APN: 2226.2A

Drawing Number:

G 001

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.



CODE COMPLIANCE PLAN LEGEND

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- WORK AREA : LEVEL 2 ALTERATIONS

1 FIRST FLOOR CODE COMPLIANCE

SCALE: 1/8" = 1'-0"

N

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MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal

SED NUMBERS:
■ Administration Building: 46-15-00-01-0-009-013

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED: FOR BID
05/21/2025

Drawing Title:
FIRST FLOOR CODE COMPLIANCE

APN: 2224-3A | Date: October 11, 2024 | Drawn by: RWK/SL

Drawing Number:

G 002

SURVEY NOTES - ADMINISTRATION BUILDING

BOUNDARY AND TOPOGRAPHIC INFORMATION WAS TAKEN FROM THE FOLLOWING:

TITLE "BOUNDARY AND TOPOGRAPHIC SURVEY OF A PORTION OF PEEKSKILL HIGH SCHOOL & ADMINISTRATION BUILDING" PEEKSKILL CITY SCHOOL DISTRICT, CITY OF PEEKSKILL, WESTCHESTER COUNTY, STATE OF NEW YORK. PREPARED BY BOLTON LAND SURVEYING P.C., P.O. BOX 265, FULASKI, NY 13142, TEL: (315)298-5210, FAX: (315)298-9181. DATED APRIL 6, 2024.

MAP REFERENCES:

1) SITE PLAN, PEEKSKILL SENIOR HIGH SCHOOL, PEEKSKILL CITY SCHOOL DISTRICT, WESTCHESTER CO., NY. BY FREDERIC P. WEIDERSUM ASSOCIATES ARCHITECTS, ENGINEERS AND DATED 5/21/1910.

2) MAP SHOWING SURVEY OF PEEKSKILL MILITARY ACADEMY, CITY OF PEEKSKILL, WESTCHESTER CO., NY. MADE BY J. WILBUR IRISH PE & LS, AND DATED 5/29/1961.

MAP OF PROPERTY KNOWN AS PEEKSKILL SENIOR HIGH SCHOOL, SITUATE IN CITY OF PEEKSKILL, WESTCHESTER CO., NY. MADE BY ALEXANDER BUNNEY, LS, AND DATED 7/10/1912.

MAP NOTES:

1) NORTH ORIENTATION IS PER N.Y.S. PLAN COORDINATES (NAD83 NY EAST).

2) VERTICAL DATUM IS PER NAVD88.

3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR UP TO DATE TITLE REPORT AND IS THEREFORE SUBJECT TO ANY EASEMENTS, RESTRICTIONS, COVENANTS OR ANY STATEMENT OF FACTS THAT SUCH DOCUMENTS MAY DISCLOSE.

4) UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM DATA OBTAINED BY FIELD SURVEY, PREVIOUS MAPS AND RECORDS, AND FROM PAROLE TESTIMONY MADE BY SCHOOL DISTRICT AND UTILITY COMPANY PERSONNEL. UTILITIES WERE ALSO LOCATED USING OUR UNDERGROUND DESIGNATING EQUIPMENT. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN TO THE UNDERSIGNED, SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION.

5) FLOOD DATA OBTAINED FROM FIRM COMMUNITY PANEL 36119C0016F WITH AN EFFECTIVE DATE OF 9/28/2007. ENTIRE PROPERTY LIES IN ZONE X (OUTSIDE OF THE FLOOD PLAIN).

BENCHMARKS:

BM-1 : TOP NUT ON FIRE HYDRANT
LOCATED IN GRASS AT HIGH SCHOOL EAST PARKING LOT.
ELEV. = 261.72 (NOT SHOWN OF PLANS)

BM-2 : TOP NUT ON FIRE HYDRANT
LOCATED AT THE INTERSECTION OF ELM STREET AND WELLS STREET.
ELEV. = 252.67

BM-3 : TOP NUT ON FIRE HYDRANT
LOCATED ALONG ELM STREET BETWEEN SIDEWALK AND CURB.
ELEV. = 242.37 (NOT SHOWN OF PLANS)

BM-4 : NE ANCHOR BOLT (LIGHT POST)
LOCATED AT LIGHT POLE ON WEST SIDE OF HIGH SCHOOL NEAR CONCRETE RAMP.
ELEV. = 235.88 (NOT SHOWN OF PLANS)

BM-5 : TOP NUT ON FIRE HYDRANT
LOCATED AT INTERSECTION OF FREMONT STREET AND WEST ACCESS ROAD.
ELEV. = 210.95 (NOT SHOWN OF PLANS)

BM-6 : TOP NUT ON FIRE HYDRANT
LOCATED AT INTERSECTION OF HUDSON AVE. AND WELLS STREET.
ELEV. = 239.54

SURVEY VERIFICATION/COORDINATION - ADMINISTRATION BUILDING

CONTRACTOR IS RESPONSIBLE FOR VERIFICATION / COORDINATION OF ALL INFORMATION (BENCHMARKS, ELEVATIONS, UTILITIES, ELEMENTS, TREES, ETC.) SHOWN ON THIS SURVEY AND CALIBRATING THIS INFORMATION WITH ACTUAL "IN THE FIELD" DATA. THIS SURVEY IS PROVIDED FOR THE BENEFIT OF THE CONTRACTOR AND GENERAL DESIGN INTENT IS SHOWN. NO ADDITIONAL COSTS WILL BE ALLOWED SHOULD INFORMATION SHOWN ON THE SURVEY AND FIELD DATA VARY.

PARKING SUMMARY - ADMINISTRATION BUILDING

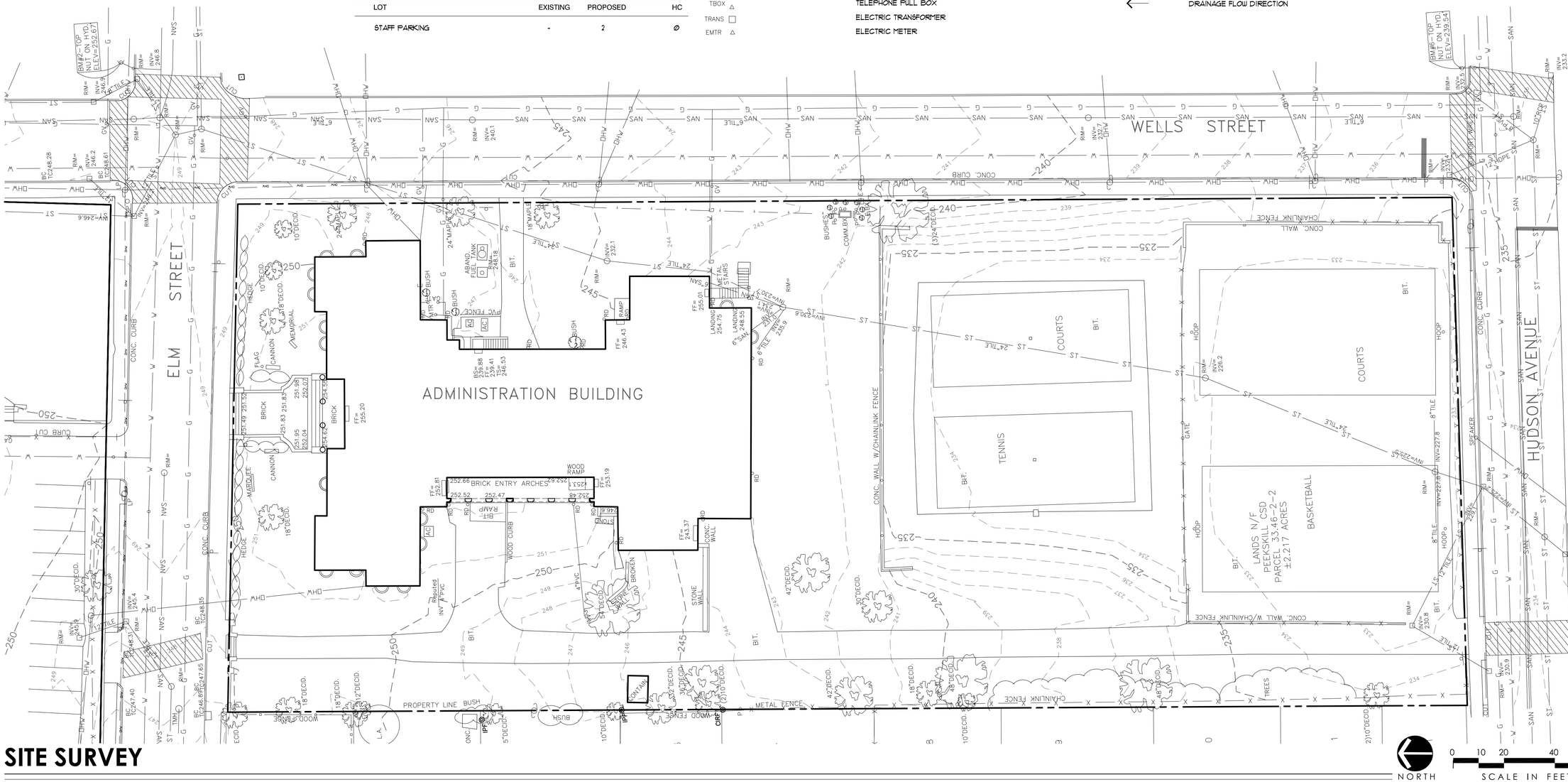
LOT	EXISTING	PROPOSED	HC
STAFF PARKING	-	2	Ø

LEGEND - ADMINISTRATION BUILDING

EXISTING	PROPOSED	DESCRIPTION
	CLL	CONTRACT LIMIT LINE
		STREET LINE / PROPERTY EDGE
-100-	100	CONTOUR
		CURB
		PAVEMENT EDGE
		SAWCUT LINE
		CURB REMOVAL
		UTILITY REMOVAL
OHW		OVERHEAD WIRES
W		WATER LINE
G		GAS LINE
T		BURIED TELEPHONE LINE
FO		BURIED FIBER OPTIC LINE
E	E	BURIED ELECTRIC LINE (SHOWN FOR COORDINATION ONLY)
SAN		SANITARY SEWER - SIZE / TYPE
ST	6" ST / 8" SMT	STORM SEWER - SIZE / TYPE
		STORMWATER MANAGEMENT TRENCH
		UTILITY POLE
NYSEG 8A--1		UTILITY POLE WITH LIGHT
		GUY WIRE
LP		LIGHT POLE (SHOWN FOR COORDINATION ONLY)
CIPF		CAPPED IRON ROD FOUND
IRF		IRON ROD FOUND
IPF		IRON PIPE FOUND
YCIRS		YELLOW CAPPED IRON ROD SET
TBOX		TELEPHONE PULL BOX
TRANS		ELECTRIC TRANSFORMER
EMTR		ELECTRIC METER

EXISTING	PROPOSED	DESCRIPTION
EHH		ELECTRIC HANDHOLE
SMON		CONCRETE MONUMENT FOUND
TPED		TELEPHONE PEDESTAL
PIV		POST INDICATOR VALVE
ERiser		ELECTRIC RISER
BOL		BOLLARD
		TRAFFIC SIGN
		FIRE HYDRANT
		WATER VALVE
		WATER MANHOLE
WMH		CATCH BASIN / STORM INLET
CBR CB DMH	DW	STORM MANHOLE / DRYWELL
SMH		SANITARY MANHOLE
CO		CLEANOUT
GV		GAS VALVE
RD		ROOF DOWNSPOUT
CHAIN LINK FENCE		CHAIN LINK FENCE
257.25	456.50	SPOT GRADE
	F.V.	FIELD VERIFY
	TYP	TYPICAL
	HP	HIGH POINT
	TW	TOP OF WALL
	LFG / UFG	UPPER/LOWER FINISHED GRADE
		EDGE OF WOODS
		TREES / SHRUBS
		DRAINAGE FLOW DIRECTION

PROPOSED	DESCRIPTION
	DETAIL FLAG
1	CONSTRUCTION NOTE
	REMOVE EXISTING PAVEMENT
	1½" ASPHALT MILLING, REPAIR AND TACK COAT
	1½" ASPHALT WEARING COURSE
MDA	MEDIUM DUTY ASPHALT
HDC	HEAVY DUTY CONCRETE WITH SCORING
	STANDARD CONCRETE WITH SCORING
	STRUCTURAL CONCRETE PAD (BY OTHERS)
	LAWN TYPE 1 - 4" TOPSOIL AND SOD



SITE SURVEY

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appel osborne landscape architecture
BUFFALO | SYRACUSE | TROY
Consultant

REGISTERED LANDSCAPE ARCHITECT TIMOTHY D. BOMMARITO 001882-1 STATE OF NEW YORK
Seal
Registration current through: 8/31/2026

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
05/21/2025

Drawing Title :
SITE SURVEY

ADMINISTRATION BUILDING

Drawn by: RM

Date: October 11, 2024

APN: 2226-2A

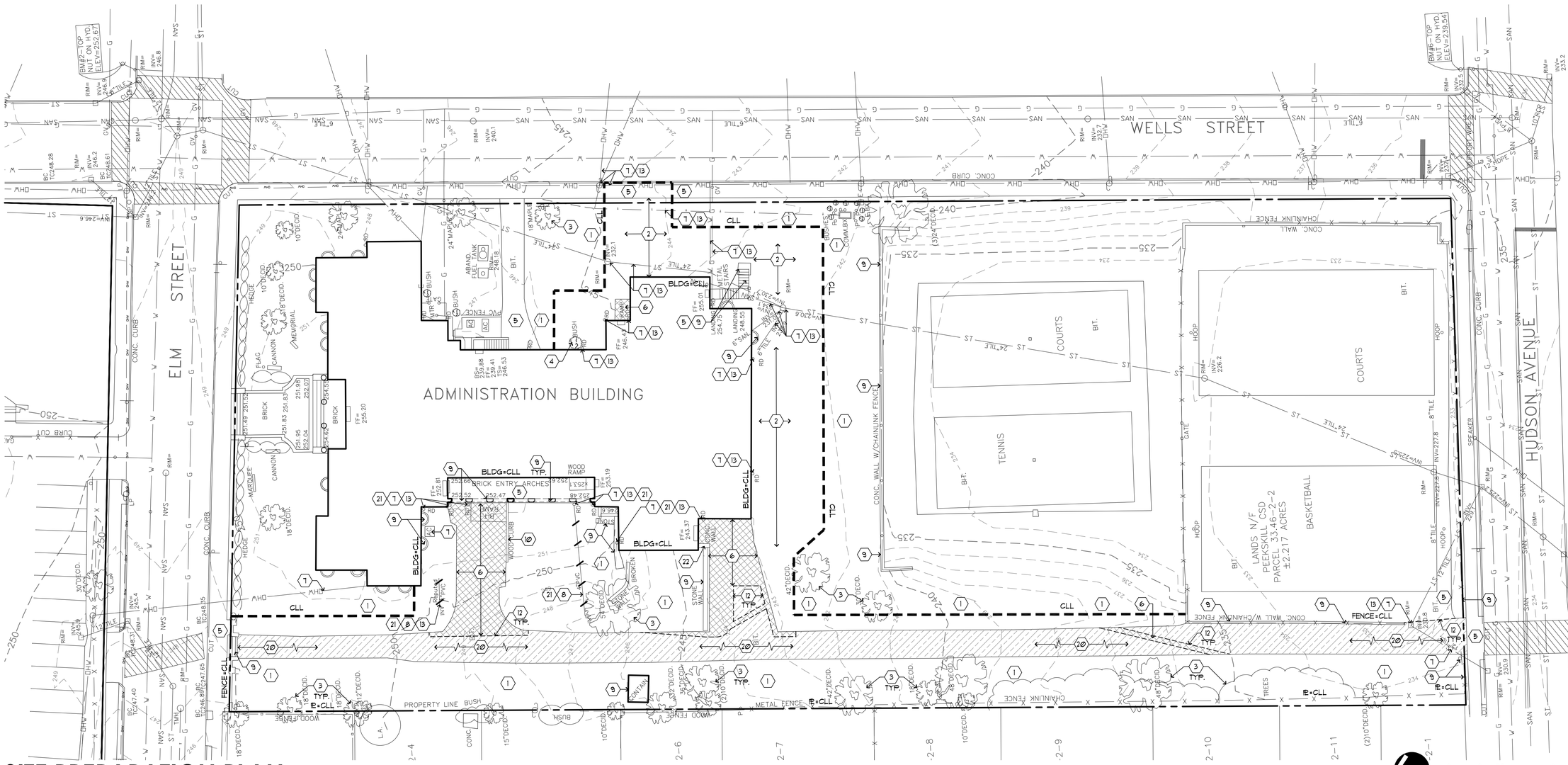
Drawing Number :

LA 100

S.E.D. NUMBER : Administration Building - (46)-15-05-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

SITE PREPARATION and CONSTRUCTION NOTES - ADMINISTRATION BUILDING

1. EXISTING LAWN AREA REMAINS. PROTECT.
2. STRIP EXISTING TOPSOIL AND STOCK PILE FOR REUSE ONSITE IN AN AREA AS SHOWN ON PLANS OR AS DIRECTED BY THE OWNER. TEMPORARILY SEED ENTIRE PILE IMMEDIATELY AND SURROUND WITH SILT FENCE.
3. EXISTING VEGETATION REMAINS. PROTECT AT ALL TIMES AS SHOWN ON THE PLANS AND AS SPECIFIED. DO NOT PARK VEHICLES/EQUIPMENT OR STORE MATERIALS WITHIN DRIP LINES OF TREES.
4. REMOVE EXISTING VEGETATION, INCLUDING ALL STUMPS AND ROOTS AND DISPOSE OFF SITE. BACKFILL VOID WITH IMPORTED GRANULAR BACKFILL COMPACTED TO MINIMUM 95% OF IN PLACE DRY DENSITY.
5. EXISTING PAVEMENT REMAINS. PROTECT. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION
6. REMOVE EXISTING PAVEMENT SURFACE AND HAUL OFF SITE OR MILL AND USE AS GENERAL EARTH FILL WHEN MEETING SPECIFIED SIEVE REQUIREMENTS. REMOVE GRANULAR BASE COURSE.
7. EXISTING SITE UTILITY REMAINS. PROTECT.
8. REMOVE EXISTING SITE UTILITY DISPOSE OFF SITE AND BACK FILL VOID WITH IMPORTED GRANULAR BACKFILL, COMPACTED TO MINIMUM 95% OF IN PLACE DRY DENSITY.
9. EXISTING SITE FEATURE REMAINS. PROTECT.
10. REMOVE EXISTING SITE FEATURE AND DISPOSE OFF SITE, INCLUDING ANY ASSOCIATED FOOTINGS OR UNDERDRAINS. BACKFILL VOID WITH IMPORTED GRANULAR BACKFILL COMPACTED TO 95% OF IN PLACE DRY DENSITY.
11. REMOVE EXISTING SITE FEATURE AND RETURN TO OWNER.
12. SAW CUT NEAT, STRAIGHT EDGE. PRIOR TO PAVING. AT SIDEWALKS REMOVE AT NEAREST SCORE JOINT.
13. VERIFY LOCATION, ELEVATION, INVERT AND TYPE OF EXISTING PIPE PRIOR TO CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
14. ADJUST UTILITY TO FINISHED GRADE. FURNISH ALL LABOR AND MATERIAL TO ACCOMPLISH.
15. MEET EXISTING LINE AND GRADE.
16. SLIP DOWEL NEW CONCRETE WALK INTO EXISTING CONCRETE WALK OR BUILDING FOUNDATION WALL WITH No. 4 SLIP DOWEL, 18" LONG, 12" O.C., 2" CLEAR MINIMUM FROM SURFACE. INSERT DOWELS EQUAL LENGTH INTO EXISTING AND NEW CONCRETE. PROVIDE EXPANSION JOINT AND SEALANT.
17. ALIGN NEW EDGE WITH EXISTING.
18. CAP END SILT TIGHT.
19. PROVIDE HOT TAR ASPHALT CRACK SEALER BETWEEN EXISTING AND NEW ASPHALT JOINT.
20. MILL EXISTING ASPHALT MATERIAL TO 1-½" DEPTH MINIMUM. REMOVE AND HAUL OFFSITE. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION WITH SAME MATERIAL AS ADJACENT, AND AS DIRECTED BY THE ARCHITECT. REPAIR ANY CRACKED OR DISPLACE PAVEMENT BENEATH MILLINGS TO PROVIDE A STABLE BASE SATISFACTORY TO THE ARCHITECT AS DETAILED AND SPECIFIED. SWEEP, POWERWASH AND CLEAN ENTIRE MILLED SURFACE. INSTALL NYSDOT APPROVED TACK COAT TO MILLED SURFACE AND PAVE AS DETAILED AND SPECIFIED.
21. CONTRACTOR SHALL FIELD LOCATE CONTINUATION AND DETERMINE LOCATION OF STORM PIPE/UTILITY AND NOTIFY ARCHITECT OF FINDINGS PRIOR TO ORDERING MATERIALS AND CONSTRUCTION. PROVIDE FULL REMOVAL OR RECONNECTION INTO PROPOSED STORM SYSTEM AS DIRECTED BY THE ARCHITECT BASED ON LOCATION. FURNISH ALL MATERIALS, LABOR, AND EQUIPMENT TO ACCOMPLISH AT NO ADDITIONAL COST TO THE OWNER.
22. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR EXTENTS OF REQUIRED CONCRETE / STONE WALL REMOVAL TO ACCOMMODATE NEW CANOPY AND FOOTINGS. SAWCUT A CLEAN, STRAIGHT EDGE AND REMOVE EXISTING WALL SECTION AND DISPOSE OFF SITE, INCLUDING ANY ASSOCIATED FOOTINGS OR UNDERDRAINS. BACKFILL VOID WITH GRANULAR BACKFILL COMPACTED TO 95% OF IN PLACE DRY DENSITY. COORDINATE ALL WORK WITH ARCHITECT PRIOR TO ORDERING MATERIALS AND CONSTRUCTION.
23. LIGHT POLE BASES FURNISHED BY THE ELECTRICAL CONTRACTOR. SITE CONTRACTOR RESPONSIBLE FOR EXCAVATION, BACKFILL, COMPACTION, SURFACE RESTORATION AND INSTALLATION OF LIGHT POLE BASES. COORDINATE ALL WORK WITH ELECTRICAL CONTRACTOR. SEE ELECTRICAL DRAWINGS FOR DETAILS.
24. CONDUIT AND WIRING FURNISHED BY THE ELECTRICAL CONTRACTOR. SITE CONTRACTOR RESPONSIBLE FOR EXCAVATION, BACKFILL, COMPACTION, AND SURFACE RESTORATION OF ALL CONDUIT TRENCHES. COORDINATE WITH ELECTRICAL CONTRACTOR AND ELECTRICAL PLANS.



SITE PREPARATION PLAN

NORTH

0 10 20 40 60
SCALE IN FEET

S.E.D. NUMBER: D Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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001882-1
STATE OF NEW YORK
Registration current through: 8/31/2026

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:	Date:
ISSUED FOR BID	05/21/2025

Drawing Title:
SITE PREPARATION PLAN

ADMINISTRATION BUILDING

Date: October 11, 2024 | Drawn by: RM

APN: 2226.2A

Drawing Number:

LA 101

GRADING, DRAINAGE and UTILITIES PLAN

NORTH

0 10 20 40 60
SCALE IN FEET

S.E.D. NUMBER : Administration Building - (46-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Drawing Title :
GRADING, DRAINAGE and UTILITIES PLAN
ADMINISTRATION BUILDING

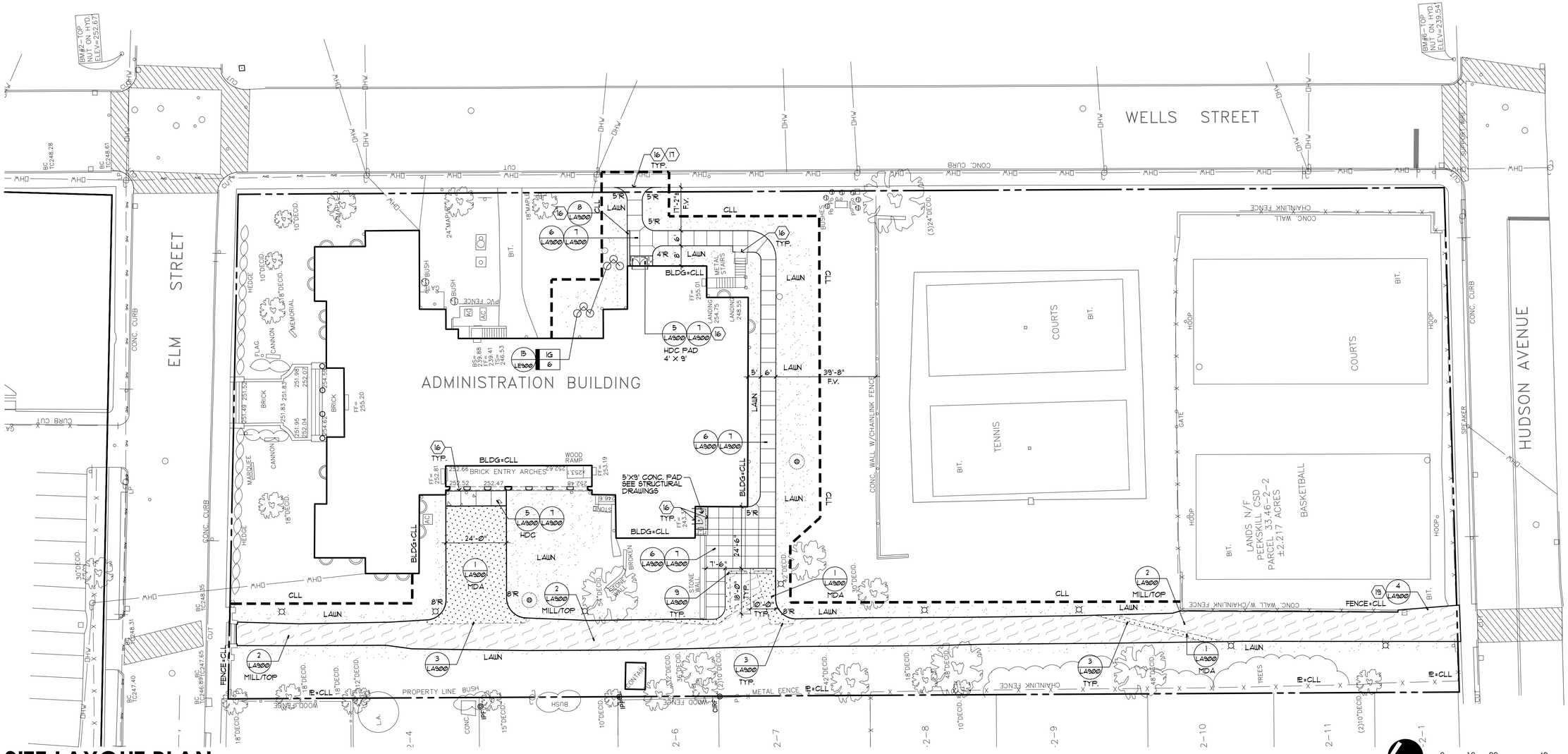
Drawn by : RM

Date : October 11, 2024

APN : 2226-2A

Drawing Number :

LA 102



SITE LAYOUT PLAN

NORTH

0 10 20 40 60

SCALE IN FEET

S.E.D. NUMBER: Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

ADMINISTRATION BUILDING

Date: October 11, 2024 | Drawn by: RM

APN: 2226.2A

Drawing Title:
SITE LAYOUT PLAN

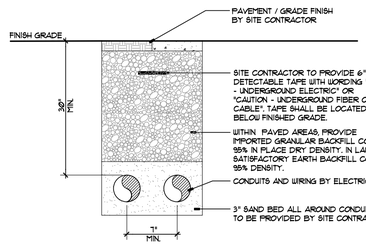
Drawing Number:
LA 103

PLANT LIST - ADMINISTRATION BUILDING

KEY	BOTANICAL NAME	COMMON NAME	QTY.	ROOT & SIZE	SPACING	NOTES
IG	ILEX GLABRA	INKBERRY HOLLY	6	5 GAL.	AS SHOWN	PROVIDE 2 MALE SPECIMENS

PROVIDE VARIETY NOTED, DO NOT SUBSTITUTE WITH SPECIES

NOTE: FINAL PLACEMENT OF PLANTS TO BE FIELD DIRECTED BY ARCHITECT



NOTE: 1. ELETRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FOR ALL ELECTRICAL TRENCHING, TYP.
2. SITE CONTRACTOR RESPONSIBLE FOR TRENCHING, BACKFILL, COMPACTION, AND SURFACE RESTORATION, TYP.
3. COORDINATE ALL WORK WITH ELECTRICAL PLANS FOR ALL LOCATIONS OF SITE CONDUIT TRENCHING.
4. COORDINATE WITH ELECTRICAL CONTRACTOR TO AVOID CONFLICT WITH ANY EXISTING AND PROPOSED SITE FEATURES.

16 A500 **DIRECT BURIED CONDUIT DETAIL**
SECTION • NOT TO SCALE — BuriedConduit
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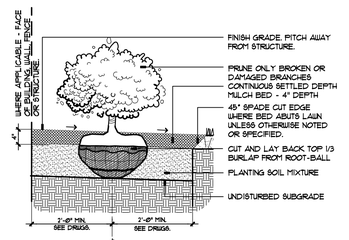

NOTES:
1. COORDINATE FINAL LOCATIONS OF PLANTINGS WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.

5 A500 **SHRUB PLANTING**
SECTION • NOT TO SCALE — 250-002
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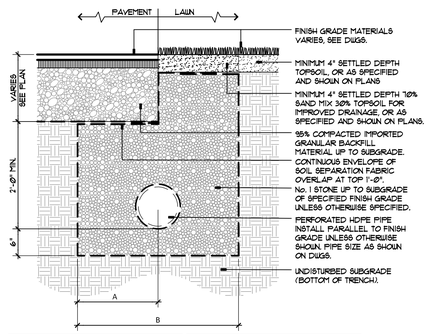

PIPE SIZE	A	B	NOTES
4"	6"	1'-0"	FLEXIBLE
6"	6"	1'-0"	FLEXIBLE
8"	1'-0"	2'-0"	FLEXIBLE

PIPE SIZE	A	B	NOTES
10"	1'-6"	3'-0"	FLEXIBLE
12"	2'-0"	4'-0"	FLEXIBLE

12 A500 **STORMWATER MGMT TRENCH = SMT**
SECTION • NOT TO SCALE — 3340-102
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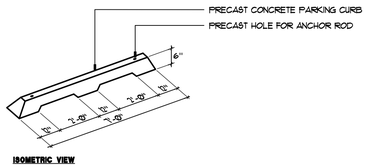
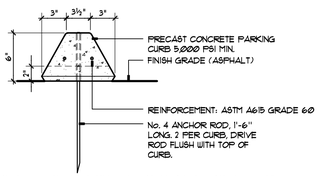


ISOMETRIC VIEW



END VIEW

NOTE: FINAL APPROVAL OF PARKING CURB STYLE AND LOCATION BY OWNER.

9 A500 **PRECAST CONCRETE PARKING CURB**
AXONOMETRIC • NOT TO SCALE — 3213-003
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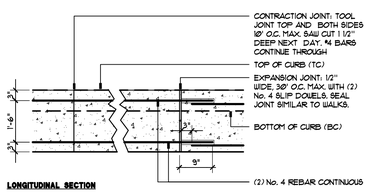
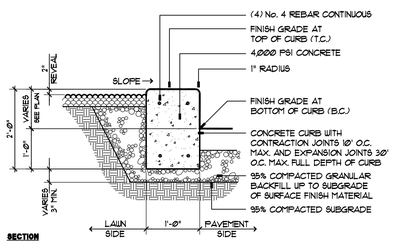


LONGITUDINAL SECTION



SECTION

8 A500 **CONCRETE CURB - WIDE**
SECTION • NOT TO SCALE — 3213-005A
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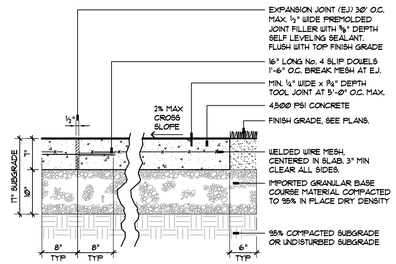

EXPANSION JOINT **CONTRACTION JOINT**

5 A500 **HEAVY DUTY CONCRETE WALK/PAD = HDC**
SECTION • NOT TO SCALE — 3213-203
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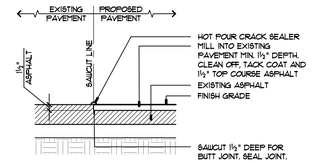

4 A500 **MILLED EDGE TRANSITION TO EXISTING PAVEMENT**
SECTION • NOT TO SCALE — 320-002B
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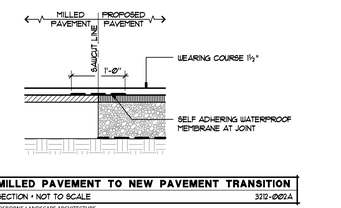

3 A500 **MILLED PAVEMENT TO NEW PAVEMENT TRANSITION**
SECTION • NOT TO SCALE — 321-002A
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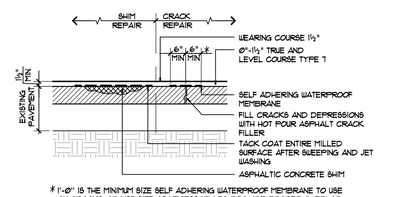

* 1'-0" IS THE MINIMUM SIZE SELF ADHERING WATERPROOF MEMBRANE TO USE ON CRACKS. ADJUST SIZE AS NECESSARY TO PROVIDE PROPER OVERLAP.

2 A500 **MILL AND TOP PAVING**
SECTION • NOT TO SCALE — 321-002C
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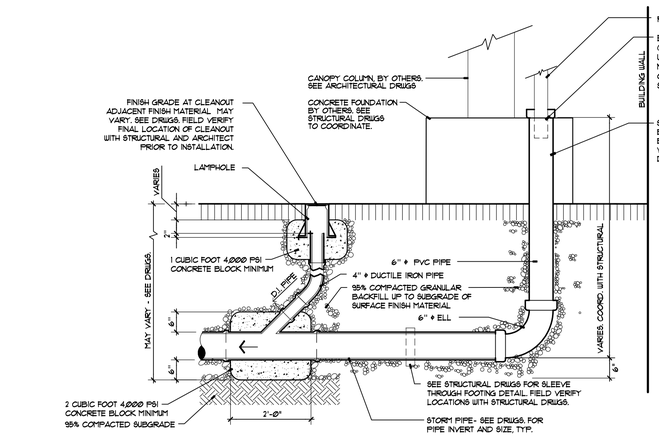

NOTES:
1. SITE CONTRACTOR SHALL PROVIDE ALL MATERIAL, HARDWARE, AND LABOR REQUIRED TO MAKE CONNECTION TO DOWNSPOUT, AT NO ADDITIONAL COST TO THE OWNER.
2. COORDINATE WITH STRUCTURAL DRAWINGS AND CANOPY INSTALLER TO FIELD VERIFY LOCATION OF 6"PVC PIPE TO ACCEPT GUTTER DOWNSPOUT. COORDINATE AND FIELD VERIFY LOCATION AND INVERT OF 6"PVC PIPE AS IT EXITS CANOPY FOOTING. COORDINATE AND PROVIDE ANY INVERT ADJUSTMENTS NECESSARY WITH THE ARCHITECT, AT NO ADDITIONAL COST.
3. FINAL LOCATION OF CLEANOUT SHALL BE FIELD VERIFIED AND COORDINATED WITH STRUCTURAL AND ARCHITECT PRIOR TO INSTALLATION. AVOID ANY CONFLICT WITH OTHER SITE FEATURES. PROVIDE ANY ADJUSTMENTS AT NO ADDITIONAL COST.

14 A500 **CLEANOUT AT CANOPY = CO**
SECTION • NOT TO SCALE — 3340-210A
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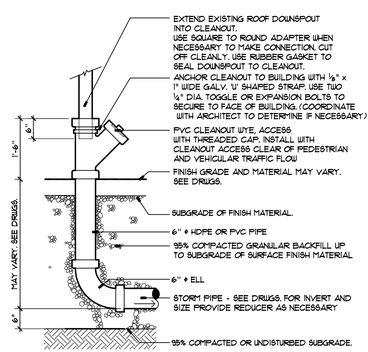

NOTE: SITE CONTRACTOR SHALL PROVIDE ALL MATERIAL, HARDWARE, AND LABOR TO MAKE CONNECTION TO EXISTING DOWNSPOUT. PROVIDE AT NO ADDITIONAL COST TO OWNER. FIELD VERIFY INVERTS, PROVIDE ANY MODIFICATIONS TO INVERT NECESSARY AT NO ADDITIONAL COST TO OWNER.

13 A500 **CLEANOUT / DOWNSPOUT = CODS**
SECTION • NOT TO SCALE — 3340-210B
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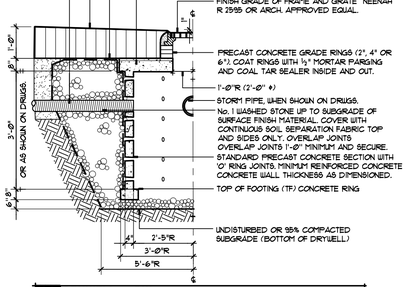

11 A500 **DRYWELL = DW**
SECTION • NOT TO SCALE — 3340-210A
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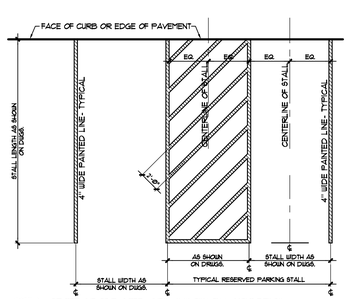

NOTE: ℄ = CENTERLINE OF PAINTED LINES AS SHOWN ON LAYOUT DRUGS.

10 A500 **PARKING STALL MARKING-TYPICAL**
SECTION • NOT TO SCALE — 3230-009A
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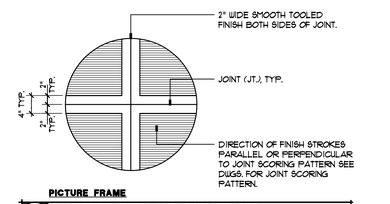
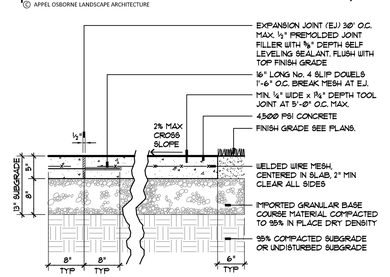


PICTURE FRAME

7 A500 **CONCRETE WALK AND FINISHED PAD**
SECTION • NOT TO SCALE — 3213-201
© APPEL OSBORNE LANDSCAPE ARCHITECTURE



EXPANSION JOINT **CONTRACTION JOINT**

6 A500 **STANDARD CONCRETE WALK/PAD**
SECTION • NOT TO SCALE — 3213-202
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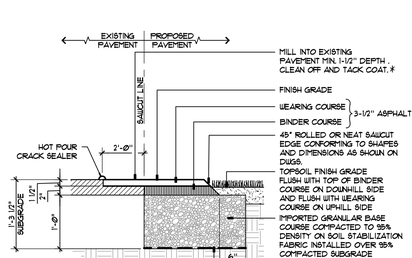

* OVERLAPPING OF JOINTS BETWEEN ASPHALT COURSES IS REQUIRED.

1 A500 **MEDIUM DUTY ASPHALT PAVEMENT = MDA**
SECTION • NOT TO SCALE — 321-002B
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Registration current through: 8/31/2026

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

ADMINISTRATION BUILDING

Drawing Title: SITE DETAILS

Drawn by: RM

Date: October 11, 2024

APN: 2226.2A

Drawing Number: **LA 900**

Revision - ISSUED FOR BID 05/27/2025

S.E.D. NUMBER: Administration Building / 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

DRAWING NOTES

DESIGN DATA:

1. ALL WORK SHALL COMPLY WITH THE 2020 NEW YORK STATE BUILDING CODE WITH SUPPLEMENTS AND THEIR REFERENCE STANDARDS.
2. DESIGN BASIS/GOVERNING CODE: NYS BUILDING CODE AND REFERENCE STANDARDS
3. CLASSIFICATION CATEGORY: Ili
4. RISK CATEGORY III
5. SERVICE BUILDING DESIGN LOADS–

LIVE LOADS:	
UNIFORM LOAD	100psf
DEAD LOADS:	
FLOOR	50psf
SNOW LOAD:	
GROUND SNOW LOAD (Pg)	40psf
FLAT ROOF SNOW LOAD (Pf)	32psf
IMPORTANCE FACTOR (Is)	1.1
EXPOSURE FACTOR (Ce)	B
THERMAL FACTOR (Ct)	1.1
WIND LOAD:	
ULTIMATE WIND SPEED	115mph
IMPORTANCE FACTOR (Iw)	1.1
EXPOSURE CATEGORY	B
SEISMIC DESIGN DATA:	NA

GENERAL NOTES:

1. DO NOT CHANGE SIZE NOR SPACING OF STRUCTURAL ELEMENTS.
2. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
3. DESIGN AND CONSTRUCTION PER THE 2020 NEW YORK STATE BUILDING CODE, SUPPLEMENTS, AND THE REFERENCE STANDARDS AND ALL OTHER APPLICABLE CODES, ORDINANCES AND REGULATIONS.
4. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
5. EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE, AND COORDINATE THEIR WORK WITH THE WORK OF OTHERS.
6. PROVIDE AND INSTALL ALL MATERIALS IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD PRACTICE.
7. THE CONTRACTOR SHALL VERIFY ALL UTILITY SERVICES PRIOR TO INTERRUPTION.
8. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT PRIOR REVIEW AND APPROVAL BY THE ENGINEER.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ALL PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM THE DIMENSIONS, MATERIALS OR EQUIPMENT SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTABLE TO THE ENGINEER.
10. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS OF EXISTING SITE THAT ARE AFFECTED BY NEW WORK BEFORE PROCEEDING WITH FABRICATION AND CONSTRUCTION.
11. CONTRACTOR SHALL KEEP WORK AREA CLEAN, HAZARD FREE, AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY.
12. SWEEP THE CONSTRUCTION AREA BROOM CLEAN AT THE END OF EACH WORKING DAY.
13. CONTRACTOR SHALL CONDUCT ACTIVITIES ASSOCIATED WITH THIS WORK IN A MANNER CONSISTENT WITH ANY AND ALL REQUIREMENTS OF THE SITE OWNER/OPERATOR INCLUDING, BUT NOT LIMITED TO, SITE USE, PROTECTION OF PERSONS AND PROPERTY, WASTE CONTAINMENT, SITE SECURITY, AND NOTIFICATION.
14. UNLESS OTHERWISE DIRECTED BY THESE CONSTRUCTION DRAWINGS, OR ALLOWED BY THE AUTHORITIES HAVING JURISDICTION, ALL EXISTING FACILITIES SHALL BE PROTECTED AND SHALL REMAIN IN SERVICE AND ACCESSIBLE.
15. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL NON–OWNER PROVIDED EQUIPMENT AND FABRICATIONS TO BE USED IN CONSTRUCTION. CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS, INCLUDING THOSE REQUIRED FROM SUB–CONTRACTORS. SHOP DRAWINGS MUST BEAR THE CHECKER'S INITIALS BEFORE SUBMITTAL TO THE ENGINEER FOR REVIEW. DESIGN CHANGE AND SUBSTITUTION REQUESTS SHALL BE CLEARLY NOTED OR SUBMITTAL MAY BE REJECTED UPON RECEIPT. ALLOW TEN DAYS FOR REVIEW.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON–SITE SAFETY REQUIREMENTS FROM THE TIME THE CONTRACT IS AWARDED UNTIL ALL WORK IS COMPLETE AND ACCEPTED BY THE OWNER AND ENGINEER.
17. WHEN DISTURBED, EXISTING FACILITIES SHALL BE REPAIRED OR REPLACED IN KIND AND IN ACCORDANCE WITH THE REQUIREMENTS OR DIRECTION OF THE AUTHORITY HAVING JURISDICTION. ASSOCIATED COSTS SHALL BE BORNE BY THE CONTRACTOR.
18. CONTRACTOR SHALL PLAN AND COORDINATE THIRD PARTY INSPECTIONS REQUIRED BY STATE OR LOCAL AUTHORITIES, THE OWNER, OR THE ENGINEER. A MINIMUM 48 HOUR NOTICE SHALL BE PROVIDED TO THE INSPECTOR. UNLESS OTHERWISE ARRANGED.
19. CONTRACTOR IS TO REVIEW ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENT SET. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN IN THE SET OF DRAWINGS. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF DRAWINGS TO EACH SUB–CONTRACTOR AND ALL RELATED PARTIES. THE SUBCONTRACTORS SHALL EXAMINE ALL THE DRAWINGS AND SPECIFICATIONS FOR THE INFORMATION THAT AFFECTS THEIR WORK.
20. SHOULD ANYTHING BE OMITTED FROM THESE PLANS WHICH IS NECESSARY FOR A COMPLETE UNDERSTANDING OF THE WORK, CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER.
21. WRITTEN DIMENSIONS ON THE PLANS HAVE PRECEDENCE OVER SCALED DIMENSIONS.
22. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL COMPLY WITH THE SAME PROVISIONS AND ANY OTHER APPLICABLE CODES, RULES, AND REGULATIONS, WEATHER SHOWN ON THE PLANS OR NOT.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE OR WHERE LOCAL CODES, OR REGULATIONS TAKE PRECEDENCE.
2. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
3. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION W/THE PROJECT MANAGER AND WITH OWNER AUTHORIZED REPRESENTATIVE.
4. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK SUBJECT TO OWNER APPROVAL.
5. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, SURFACES, ETC., AND UPON COMPLETION OF WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER.

FOUNDATIONS/EARTHWORK:

1. THE FOUNDATION DESIGN IS BASED ON A GENERAL KNOWLEDGE OF THE AREA AND THE CODE DEFINED ALLOWABLE LOADS.
2. FOUNDATION EXCAVATIONS SHALL BE PROPERLY SLOPED OR BENCHED TO PROVIDE SAFE CONDITIONS.
3. EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 4'–0" BELOW THE SURROUNDING FINISHED GRADE.
4. PREVENT SURFACE WATER AND GROUND WATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUBGRADES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA.
5. DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND.
6. SOIL BEARING SURFACES PREVIOUSLY ACCEPTED BY THE ENGINEER, WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN OR DISTURBED SHALL BE REWORKED TO THE SATISFACTION OF THE ENGINEER.
7. BEAR FOOTINGS ON COMPACTED STRUCTURAL FILL.
8. CENTER FOOTINGS UNDER WALLS, PIERS OR COLUMNS, UNLESS NOTED OTHERWISE.
9. DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING, TERMINATED WITH ACI STANDARD 90 DEGREE HOOK. LAP PER TABLE WITH VERTICAL REINFORCEMENT, UNLESS NOTED OTHERWISE.

CONCRETE NOTES:

1. DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING APPLICABLE CODES: ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
2. REINFORCING DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 315.
3. REINFORCING STEEL SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL BE OVERLAPPED A MINIMUM OF 6".
4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
   A. CONCRETE CAST IN EARTH: 3"
   B. CONCRETE EXPOSED TO EARTH OR WEATHER:
      1. #6 AND LARGER: 2"
      2. #5 AND SMALLER & WWF: 1 1/2"
5. INSTALLATION OF CONCRETE ANCHORS, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDATIONS. THE ANCHOR BOLT, DOWEL, OR ROD, SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE.
6. ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN ACI–301.
7. CURING COMPOUNDS SHALL CONFORM TO ASTM C–309.
8. DO NOT TACKWELD REINFORCING STEEL.
9. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE THE START OF CONCRETE PLACEMENT.
10. LOCATE ADDITIONAL CONSTRUCTION JOINTS AS REQUIRED TO FACILITATE CONSTRUCTION AS ACCEPTABLE TO ENGINEER. PLACE REINFORCEMENT CONTINUOUSLY THROUGHOUT JOINT.
11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
12. PLACE CONCRETE IN A UNIFORM MANNER TO PREVENT THE FORMATION OF COLD JOINTS AND OTHER PLANES OF WEAKNESS VIBRATE THE CONCRETE TO FULLY EMBED REINFORCING, DO NOT USE VIBRATORS TO TRANSPORT CONCRETE THROUGH CHUTES OR FORMWORK.
13. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
14. DO NOT ALLOW CONCRETE SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR 14 DAYS AFTER PLACEMENT.
15. PROVIDE $\frac{3}{4}$"x$\frac{3}{4}$" CHAMFER AT ALL EXPOSED CONCRETE CORNERS UNLESS NOTED OTHERWISE. CHAMFERED CORNERS SHALL BE INCLUDED AT ALL GARAGE PIERS. EDGES AND FINS SHALL BE RUBBED SMOOTH.
16. REINFORCE CONCRETE ELEMENTS INCLUDING FOOTINGS, WALLS, PIERS AND SLABS. REINFORCEMENT SHOWN PERTAINS TO TYPICAL CONDITIONS.
17. PROVIDE KEYS IN CONCRETE WALLS, PIERS AND FOOTINGS AT INTERSECTION OF MASONRY OR CONCRETE, UNLESS NOTED OTHERWISE.
18. PIPING, CONDUIT AND DUCT PENETRATIONS THROUGH WALLS SHALL BE SLEEVED. NO CORE DRILLING OF WALLS IS PERMITTED. PENETRATIONS ARE NOT PERMITTED THROUGH PIERS.
19. WHERE FOUNDATION WALLS ARE TO BE BACKFILLED ON BOTH SIDES, CONCRETE SHALL ATTAIN A MINIMUM STRENGTH OF 75% f'c BEFORE PLACING BACKFILL. WHERE WALLS ARE BACKFILLED ON ONE SIDE ONLY, CONCRETE ATTAIN A MINIMUM STRENGTH OF 100% f'c BEFORE PLACING BACKFILL.
20. WHERE CONCRETE WILL BE EXPOSED IN THE FINISHED PROJECT, ALL FORM TIES SHALL BE REMOVED, TIE HOLES FILLED, VOIDS & BUG HOLES FILLED. THE CONCRETE SURFACE SHALL BE RUBBED SMOOTH TO REMOVE FINS, PROTRUSIONS, HIGH SPOTS, FORM MARKINGS, ETC.
21. WHERE CONCRETE WILL BE COVERED WITH A MASONRY FACADE, INSTALL CAST–IN–PLACE DOVETAIL SLOTS FOR THE FULL HEIGHT OF THE SURFACE TO BE FINISHED. SPACE SLOTS 16" ON–CENTER.

SPECIFICATIONS

SPECIFICATION NOTES

1. GENERAL

A. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY FOR, AND INCIDENTAL TO, CONSTRUCTION OF THE WORK AS DEFINED HEREIN.

B. THE CONTRACTOR SHALL ACCEPT THE SITE IN THE CONDITION IN WHICH IT EXISTS AT THE TIME OF THE AWARD OF THE CONTRACT.

C. THE ENGINEER SHALL DETERMINE THE SUITABILITY OF MATERIALS THAT ARE TO BE USED IN THE WORK AND SHOULD ANY MATERIALS ENCOUNTERED BE UNSATISFACTORY FOR THE PURPOSE INTENDED, THEY SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.

D. NOTIFY THE ENGINEER OF ANY UNEXPECTED CONDITIONS THAT WILL AFFECT THE WORK.

2. QUALITY ASSURANCE

A. THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL COSTS IN CONNECTION WITH AN APPROVED INDEPENDENT TESTING FACILITY TO DETERMINE CONFORMANCE OF MATERIALS WITH THE SPECIFICATIONS.

3. SUBMITTALS

A. SAMPLES: THE CONTRACTOR SHALL FURNISH MATERIAL SAMPLES TO THE TESTING LABORATORY FOR ANALYSIS AND REPORT, AS DIRECTED BY THE ENGINEER, OR AS OUTLINED IN THE SPECIFICATIONS.

B. SHOP DRAWINGS: PROVIDE PRODUCT CUT–SHEETS AND SHOP DRAWINGS TO THE ENGINEER FOR REVIEW, FOR ALL PRODUCTS AND MATERIALS TO BE INSTALLED IN THE WORK.

C. TEST RESULTS: THE TESTING LABORATORY SHALL SUBMIT WRITTEN REPORTS OF ALL TESTS, INVESTIGATIONS, AND RECOMMENDATIONS TO THE ENGINEER.

D. ALL SAMPLES, SHOP DRAWINGS, AND TEST RESULTS SHALL BE DELIVERED TO THE ENGINEER NO LATER THAN 14 WORKING DAYS PRIOR TO THE INSTALLATION OF SUCH PRODUCT. THE ENGINEER SHALL REVIEW AND RETURN THE SUBMITTALS WITHIN 10 WORKING DAYS OF RECEIPT.

4. PROTECTION OF SITE

A. LOCATE EXISTING UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING ALL WORK OPERATIONS. COMPLY WITH OSHA REQUIREMENTS.

B. COORDINATE INTERRUPTION AND/OR TERMINATION OF UTILITIES WITH THE UTILITY COMPANIES AND THE OWNER. PROVIDE A MINIMUM OF 48 HOURS NOTICE TO THE OWNER AND RECEIVE WRITTEN NOTICE TO PROCEED BEFORE INTERRUPTING ANY UTILITY.

C. REPAIR ANY DAMAGED UTILITIES AS ACCEPTABLE TO THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.

D. BARRICADE OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND POST WITH WARNING SIGNS.

E. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY WORK OPERATIONS.

5. EARTHWORK

PRODUCTS

A. SELECT STRUCTURAL FILL: SOUND, DURABLE, SAND, GRAVEL, STONE, OR BLENDS OF THESE MATERIALS, FREE FROM ORGANIC, FROZEN OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 203–2.02C AND MEETING THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE	PERCENT PASSING
4"	100
NO. 40	0–70
NO. 200	0–10

FINES PASSING NO. 200 SHALL BE NON–PLASTIC.
PARTICLE SIZE ANALYSIS SHALL SHOW NO GAP GRADING.

B. CRUSHED STONE: FREE FROM ORGANICS, ELONGATED PARTICLES OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 703–2 AND MEETING THE FOLLOWING GRADATION (NYSDOT, SIZE 2):

SIEVE	PERCENT PASSING
1–1/2"	100
1"	90–100
1/2"	0–15

C. SELECT GRANULAR MATERIAL: SOUND, DURABLE, SAND, GRAVEL, STONE OR BLENDS WITH THESE MATERIALS, FREE FROM ORGANIC, FROZEN, OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 304 AND MEETING THE FOLLOWING GRADATION (NYSDOT TYPE 4):

SIEVE	PERCENT PASSING
2"	100
1/4"	30–65
NO. 40	5–40
NO. 200	0–10

D. GEOTEXTILE: SUPAC 8NP BY PHILLIPS FIBERS CORPORATION, OR EQUAL.

E. SELECT GRANULAR MATERIAL SHALL BE USED IN LIEU OF SELECTED FILL AS DIRECTED BY THE ENGINEER.

EXCAVATION

A. EXCAVATE IN ACCORDANCE WITH LINES AND LEVELS SHOWN ON THE DRAWINGS AND AS NECESSARY FOR THE WORK. EXCAVATION LINES SHALL BE SUCH THAT SUFFICIENT CLEARANCE EXIST FOR THE PROPER EXECUTION OF THE WORK.

B. MAINTAIN THE SLOPES OF EXCAVATION IN SAFE CONDITION UNTIL COMPLETION OF THE BACKFILLING OPERATION, IN ACCORDANCE WITH OSHA REQUIREMENTS.

C. TRIM EXCAVATIONS TO THE REQUIRED LEVELS, AND LEAVE FREE FROM LOOSE OR ORGANIC MATTER. FILL OVER EXCAVATED AREAS UNDER STRUCTURE WITH MATERIAL AS APPROVED BY THE ENGINEER.

D. WHEN THE EXCAVATION HAS REACHED THE REQUIRED DEPTH, CONTRACTOR SHALL REQUEST APPROVAL OF THE BEARING SURFACE BY THE OWNER'S REP.

E. SLOPING SURFACES UNDER THE WORK WHERE REQUIRED, SHALL BE CUT IN STEPS AS INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER.

F. ANY EXCESS EXCAVATION SHALL BE REMOVED FROM THE SITE TO DISPOSAL AREAS AT THE CONTRACTOR'S EXPENSE.

DRAINAGE AND DEWATERING

A. PERFORM DEWATERING OPERATIONS TO MAINTAIN DRY WORKING CONDITIONS.

B. PREVENT SURFACE, SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATION AND FROM FLOODING PROJECT AND SURROUNDING AREAS.

STRUCTURAL FILL, BACKFILL, AND COMPACTION

A. PLACE FILL AS DETAILED. ALL BACKFILL SHALL BE SELECTED FILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER, OR SHOWN ON THE DRAWINGS.

B. AFTER APPROVAL OF THE SUBGRADE BY THE OWNER'S REP., THE GEOTEXTILE SHALL BE PLACED, WHERE SHOWN ON THE DRAWINGS, UPON THE SUBGRADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE FOLLOWING:

1. INSTALL PRIOR TO PLACEMENT OF THE FIRST COURSE OF STRUCTURAL FILL.
2. JOIN BY EITHER SEWING OR OVERLAPPING. SEWN SEAMS SHALL BE LAPPED A MIN. OF 4 INCHES AND DOUBLE SEWN WITH NYLON OR POLYPROPYLENE. OVERLAPPING SEAMS SHALL HAVE A MIN. LAP OF 18 INCHES, EXCEPT WHEN PLACED UNDERWATER WHERE THE OVERLAP SHALL BE A MIN. OF 3 FEET.
3. FABRIC WHICH IS TORN OR DAMAGED SHALL BE REPLACED OR PATCHED. THE PATCH SHALL EXTEND 3 FEET BEYOND PERIMETER OF THE TEAR OR DAMAGE.
4. TRAFFIC OR CONSTRUCTION EQUIPMENT SHALL NOT BE PERMITTED DIRECTLY ON THE FABRIC. MAINTAIN A MINIMUM OF 8 INCHES LOOSE THICKNESS OF FILL ABOVE STABILIZATION FABRIC SUBJECT TO TRAFFIC.

C. PLACE MATERIALS IN LAYERS NOT MORE THAN 12" IN LOOSE DEPTH, LIFT HEIGHT SHALL BE GOVERNED BY THE ABILITY OF THE COMPACTION EQUIPMENT TO OBTAIN THE REQUIRED COMPACTION. MOISTEN OR AERATE EACH LAYER AS NECESSARY TO FACILITATE COMPACTION. DO NOT PLACE MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST, ICE, PONDED WATER OR DEBRIS.

D. WHEN WORK IS SUSPENDED DURING PERIODS OF FREEZING WEATHER, PREVENT FILL ALREADY IN PLACE FROM FREEZING. UPON RESUMPTION OF WORK AFTER INCLEMENT WEATHER, PREPARE THE EXPOSED SURFACE BY PROOF ROLLING TO IDENTIFY ANY ZONES OF SOFT/LOOSE SOILS. SOFT/LOOSE MATERIALS OR FROZEN SOILS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

E. ALL FILL SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DENSITY.

F. IF THE SURFACE OF ANY LAYER BECOMES CONTAMINATED BY MUD OR UNSUITABLE MATERIALS, THE CONTAMINATED SOIL SHALL BE REMOVED.

G. FILL PLACEMENT SHALL BE SUSPENDED WHEN WET WEATHER PREVENTS PROPER OPERATION OF COMPACTION EQUIPMENT.

H. ADJACENT TO STRUCTURES, FILL SHALL BE PLACED IN A MANNER WHICH WILL PREVENT DAMAGE TO THE STRUCTURES AND WILL ALLOW THE STRUCTURES TO ASSUME THE LOADS FROM THE FILL GRADUALLY AND UNIFORMLY.

I. NO BACKFILLING OR COMPACTION SHALL TAKE PLACE AGAINST ANY CAST–IN– PLACE CONCRETE PRIOR TO ACHIEVING THE DESIRED DESIGN STRENGTH. HEAVY EQUIPMENT AND VIBRATORY COMPACTORS SHALL NOT BE OPERATED WITHIN 4 FEET OF ANY STRUCTURE.

J. EXCAVATED MATERIAL MEETING THE REQUIREMENTS OF SELECTED FILL SHALL BE RE–USED FOLLOWING OBTAINING THE REQUIRED MOISTURE CONTENT.

QUALITY CONTROL

A. PRE–CONSTRUCTION:

1. SUBMIT TO THE TESTING AGENCY A 100–POUND MINIMUM SAMPLE FROM EACH SOURCE. IF DIFFERENT MATERIAL GRADATIONS EXIST IN THE PIT, SAMPLES SHALL BE OBTAINED FOR EACH MATERIAL. SAMPLES SHALL BE MIXED AND REDUCED TO TEST SPECIMEN SIZE, IN ACCORDANCE WITH AASHTO T87. THE TESTS SHALL BE PERFORMED IN THE ORDER SHOWN. FAILURE TO PASS ANY TEST IS GROUNDS FOR DISQUALIFICATION AND SHALL LEAD TO CESSATION OF THE TEST PROGRAM FOR THAT MATERIAL.
   A. PARTICLE SIZE ANALYSIS:
      a. METHOD: AASHTO D422.
      b. NUMBER OF TESTS: ONE (1) PER POTENTIAL SOURCE.
      c. ACCEPTANCE: GRADATION WITHIN SPECIFIED LIMITS.
   B. MAXIMUM DENSITY DETERMINATION:
      a. METHOD: ASTM D698, STANDARD PROCTOR.
      b. NUMBER OF TESTS: ONE (1) PER POTENTIAL SOURCE.
2. RE–ESTABLISH GRADATION AND MAXIMUM DENSITY OF FILL MATERIAL IF SOURCE IS CHANGED DURING CONSTRUCTION.

B. DURING CONSTRUCTIONFI

1. NOTIFY ENGINEER AT LEAST ONE WORKING DAY PRIOR TO ALL PHASES OF FILLING AND BACKFILLING OPERATIONS.ALL BE
2. COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING METHODS:
   a. METHOD: AASHTO T191, SAND CONE METHOD
      AASHTO T238, NUCLEAR METHOD
   b. NUMBER OF TESTS: ONE (1) PER 8" VERTICAL LIFT.

C. THE ENGINEER MAY DIRECT ADDITIONAL TESTS TO ESTABLISH GRADATION, MAXIMUM DENSITY, AND IN–PLACE DENSITY AS REQUIRED BY WORKING CONDITIONS, AT THE CONTRACTOR'S EXPENSE.

D. ACCEPTANCE CRITERIA: THE SOLE CRITERION FOR ACCEPTABILITY OF IN–PLACE FILL SHALL BE IN–SITU DRY DENSITY. MINIMUM DRY DENSITY FOR ALL FILL OR BACKFILL SHALL BE 95 PERCENT OF THE MAXIMUM DRY DENSITY. IF A TEST FAILS TO QUALIFY, THE FILL SHALL BE FURTHER COMPACTED AND RE–TESTED. SUBSEQUENT TEST FAILURES SHALL BE FOLLOWED BY REMOVAL AND REPLACEMENT OF THE MATERIAL.

6. CONCRETE

SUBMITTALS

A. PRODUCT DATA FOR PROPRIETARY MATERIALS, INCLUDING REINFORCEMENT AND FORMING ACCESSORIES, ADMIXTURES, JOINT SYSTEMS, CURING COMPOUNDS, AND OTHERS AS REQUESTED.

B. SHOP DRAWINGS FOR REINFORCEMENT, FABRICATION, AND PLACEMENT OF CONCRETE REINFORCEMENT. COMPLY WITH ACI SP–66 (88), "ACI DETAILING MANUAL".

C. LABORATORY TEST REPORTS FOR CONCRETE MATERIALS AND MIX DESIGN TESTS.

QUALITY ASSURANCE

A. CODES AND STANDARDS: COMPLY WITH THE FOLLOWING:
1. ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
2. CONCRETE REINFORCING STEEL INSTITUTE (CRSI), "MANUAL OF STANDARD PRACTICE."
3. ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS."

B. CONCRETE TESTING SERVICE: ENGAGE A TESTING LABORATORY TO PERFORM MATERIAL TESTS AND TO DESIGN CONCRETE MIXES.

C. NOTIFY THE OWNER'S REPRESENTATIVE 48 HOURS BEFORE PLACING CONCRETE TO ALOW FOR INSPECTION OF FORMWORK, REINFORCING, AND RELATED ITEMS PRIOR TO CONCRETE PLACEMENT.

PRODUCTS

A. FORM MATERIALS:

1. EXPOSED: PLYWOOD, METAL, OR OTHER PANEL–TYPE MATERIALS, TO PROVIDE CONTINUOUS, STRAIGHT, SMOOTH, SURFACES. USE OVERLAID PLYWOOD COMPLYING PS–1 "A–C OR B–B HIGH DENSITY OVERLAID CONCRETE FORM," CLASS I.
2. UNEXPOSED: PLYWOOD, LUMBER, METAL, OR OTHER MATERIAL. PROVIDE LUMBER DRESSED ON 2 EDGES AND ONE SIDE FOR TIGHT FIT
3. CYLINDRICAL COLUMNS: PAPER OR FIBER TUBES OF LAMINATED PLIES WITH WATER RESISTANT ADHESIVE AND WAX–IMPREGNATED EXTERIOR FOR MOISTURE PROTECTION.
4. FORM COATINGS: COMPOUNDS WITH A MAXIMUM VOC OF 350 MG/L.
5. FORM TIES: FACTORY–FABRICATED, ADJUSTABLE–LENGTH, REMOVABLE OR SNAP–OFF METAL FORM TIES. PROVIDE TIES THAT, LEAVE HOLES NOT LARGER THAN 1–INCH DIAMETER IN CONCRETE SURFACE.

B. REINFORCING MATERIALS:

1. REINFORCING BARS: ASTM A 615, GRADE 60, DEFORMED.
2. STEEL WIRE: ASTM A 82, PLAIN, COLD–DRAWN STEEL.
3. WELDED WIRE FABRIC: ASTM A 185.
4. WELDED DEFORMED STEEL WIRE FABRIC: ASTM A 497.
5. SUPPORTS FOR REINFORCEMENT: WIRE–BAR–TYPE SUPPORTS COMPLYING WITH CRSI SPECS.

C. CONCRETE MATERIALS

1. PORTLAND CEMENT: ASTM C 150, TYPE I OR TYPE II.
2. NORMAL WEIGHT AGGREGATES: ASTM C 33.
3. WATER: DRINKABLE.
4. ADMIXTURES, GENERAL: PROVIDE ADMIXTURES THAT CONTAIN NOT MORE THAN 0.1 PERCENT CHLORIDE IONS.
5. AIR–ENTRAINING: ASTM C 260.
6. WATER–REDUCING ADMIXTURE: ASTM C 494.

D. RELATED MATERIALS

1. ABSORPTIVE COVER: JUTE OR KENAF BURLAP, COMPLYING WITH AASHTO M 182.
2. MOISTURE–RETAINING COVER: WATERPROOF PAPER, POLYETHYLENE FILM, OR POLYETHYLENE–COATED BURLAP COMPLYING WITH ASTM C 171.
3. BONDING COMPOUND: POLYVINYL ACETATE OR ACRYLIC BASE.
   A. "SUPERIOR CONCRETE BONDER," DAYTON SUPERIOR CORP.
   B. "EUCO WELD," EUCLID CHEMICAL CO.
   C. "WELD–CRETE," LARSEN PRODUCTS CORP.
4. EPOXY ADHESIVE: ASTM C 881. PROVIDE MATERIAL "TYPE," "GRADE," AND "CLASS" TO SUIT PROJECT REQUIREMENTS.
   A. "CONCRESIVE 1001," MASTER BUILDERS, INC.
   B. "SIKADUR 32 HI–MOD," SIKA CORP.
5. EPOXY JOINT FILLER: 100% SOLID SEMI–RIGID EPOXY COMPOUND WITH A MIN SHORE D HARDNESS OF FIFTY (50) ACCEPTABLE ARE:
   A. "EUCO EPOXY #700," EUCLID CHEMICAL CO.
   B. "SIKADUR LO–MOD MORTAR," SIKA CHEMICAL CORP.
6. PREFORMED JOINT FILLER: ASTM D1751 M FEDERAL SPECIFICATION TT–S–227.
7. JOINT SEALER: CONFORM TO ASTM D1850 OR FEDERAL SPECIFICATION SS–S–1401.

DESIGN OF MIXES

A. PREPARE DESIGN MIXES AS SPECIFIED IN ACI 301.

B. DESIGN MIXES TO PROVIDE NORMAL WEIGHT CONCRETE WITH THE FOLLOWING PROPERTIES: 3000–PSI, 28–DAY COMPRESSIVE STRENGTH; W/C RATIO, 0.58 MAXIMUM (NON–AIR–ENTRAINED), 0.45 MAXIMUM (AIR–ENTRAINED).

C. USE NONCHLORIDE ACCELERATING ADMIXTURE IN SLABS PLACED AT TEMPERATURES BELOW 50 DEGREES.

D. USE AIR–ENTRAINING ADMIXTURE IN EXTERIOR CONCRETE. ADD AIR–ENTRAINING ADMIXTURE AT MANUFACTURER'S PRESCRIBED RATE TO RESULT IN CONCRETE AT POINT OF PLACEMENT HAVING TOTAL AIR CONTENT OF 4.5% WITH A TOLERANCE OF PLUS OR MINUS 1–1/2%. CONCRETE NOT EXPOSED TO FREEZING, SHALL HAVE 2% TO 4% AIR.

E. SLUMP LIMITS: AS FOLLOWS:
1. RAMPS, SLABS, AND SLOPING SURFACES: NOT MORE THAN 3 INCHES.
2. REINFORCED FOUNDATION SYSTEMS: BETWEEN 1 INCH AND 3 INCHES.
3. OTHER CONCRETE: NOT MORE THAN 4 INCHES.

F. READY–MIX CONCRETE: COMPLY WITH REQUIREMENTS OF ASTM C 94.

EXECUTION

A. WELDING OR TACKWELDING OF REINFORCEMENT SHALL NOT BE ALLOWED.

B. CONSTRUCTION JOINTS: LOCATE AND INSTALL CONSTRUCTION JOINTS AS INDICATED OR, IF NOT INDICATED, LOCATE SO AS NOT TO IMPAIR STRENGTH AND APPEARANCE OF THE STRUCTURE, AS ACCEPTABLE TO ENGINEER.

C. USE BONDING AGENT ON EXISTING CONCRETE SURFACES THAT WILL BE JOINED WITH FRESH CONCRETE.

D. CONCRETE PLACEMENT: COMPLY WITH ACI 304, "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE," AND AS HEREIN SPECIFIED.

E. FLOAT FINISH: APPLY FLOAT FINISH TO SLABS.

F. TROWEL FINISH: APPLY TROWEL FINISH TO SLABS EXPOSED TO VIEW AND SURFACES TO BE COVERED WITH RESILIENT FLOORING, CARPET, CERAMIC OR QUARRY TILE, PAINT, OR OTHER THIN FILM FINISH COATING SYSTEM.

G. NONSLIP BROOM FINISH: APPLY NONSLIP BROOM FINISH TO EXTERIOR CONCRETE PLATFORMS, STEPS, AND RAMPS, AND ELSEWHERE AS INDICATED.

CONCRETE CURING AND PROTECTION

A. PROVIDE MOISTURE CURING BY FOLLOWING METHODS.
1. KEEP CONCRETE SURFACE WET BY COVERING WITH WATER.
2. USE CONTINUOUS WATER–FOG SPRAY.
3. COVER SURFACE WITH SPECIFIED ABSORPTIVE COVER, SATURATE COVER WITH WATER, AND KEEP CONTINUOUSLY WET.

B. PROVIDE CURING AND SEALING COMPOUND TO SLABS, WALKS, AND CURBS. APPLY SPECIFIED CURING AND SEALING COMPOUND TO CONCRETE AS SOON AS FINISHING OPERATIONS ARE COMPLETE.

QUALITY CONTROL TESTING DURING CONSTRUCTION

A. THE CONTRACTOR WILL EMPLOY A TESTING AGENCY TO PERFORM TESTS AND TO SUBMIT TEST REPORTS. SAMPLING AND TESTING FOR QUALITY CONTROL DURING PLACEMENT OF CONCRETE MAY INCLUDE THE FOLLOWING, AS DIRECTED BY ENGINEER.

1. SAMPLING FRESH CONCRETE: ASTM C 172, EXCEPT MODIFIED FOR SLUMP TO COMPLY WITH ASTM C 94.
   A. SLUMP: ASTM C 143; ONE TEST AT POINT OF DISCHARGE FOR EACH DAY'S POUR AND EACH SET OF COMPRESSIVE STRENGTH TEST SPECIMENS
   B. AIR CONTENT: ASTM C 173, VOLUMETRIC METHOD FOR NORMAL WEIGHT CONCRETE; ASTM C 231 PRESSURE METHOD FOR NORMAL WEIGHT CONCRETE; ONE FOR EACH DAY'S POUR AND EACH SET OF COMPRESSIVE STRENGTH TEST SPECIMENS.
   C. CONCRETE TEMPERATURE: EACH TIME A SET OF COMPRESSION TEST SPECIMENS IS MADE.
   D. COMPRESSIVE STRENGTH TESTS: ASTM C 39; ONE SET FOR EACH DAY'S POUR EXCEEDING 5 CU. YDS. PLUS ADDITIONAL SETS FOR EACH 50 CU. YDS. MORE THAN THE FIRST 25 CU. YDS. OF EACH CLASS PLACED IN ANY DAY; OR FOR EACH 5,000 SF OF SURFACE AREA PLACED ONE TESTED AT 7 DAYS, TWO SPECIMENS TESTED AT 28 DAYS, AND ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
   E. WHEN FREQUENCY OF TESTING WILL PROVIDE FEWER THAN 5 STRENGTH TESTS FOR A GIVEN CLASS OF CONCRETE, CONDUCT TESTING FROM AT LEAST 5 RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN 5 ARE USED.
2. TEST RESULTS WILL BE REPORTED IN WRITING TO ENGINEER, READY–MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME AND NUMBER, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH IN STRUCTURE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7–DAY TESTS AND 28–DAY TESTS.

7. STRUCTURAL STEEL

SUBMITTALS

A. PRODUCT DATA FOR PROPRIETARY MATERIALS, INCLUDING BOLTS, ANCHOR BOLTS, PRIMER, PAINT, AND OTHERS AS REQUESTED BY THE ENGINEER.

B. SHOP DRAWINGS FOR ALL STRUCTURAL MEMBERS, FABRICATION, AND PLACEMENT.

C. LABORATORY TEST REPORTS FOR STEEL MATERIALS.

QAULITY ASSURANCE

A. CODES AND STANDARDS: COMPLY WITH THE FOLLOWING:
1. GENERAL: AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, LATEST EDITION.
2. WELDING: AWS D1.1 "STRUCTURAL WELDING CODE", LATEST EDITION

B. CONTRACTOR SHALL ENGAGE AN INDEPENDENT TESTING AND INSPECTION AGENCY TO INSPECT HIGH–STRENGTH BOLTED CONNECTIONS AND WELDED CONNECTIONS AND TO PERFORM MATERIAL TESTS AND PREPARE WRITTEN REPORTS.

C. TESTING AGENCY SHALL CONDUCT AND INTERPRET TESTS. THEY SHALL STATE IN EACH WRITTEN REPORT WHETHER TEST SPECIMENS COMPLY WITH REQUIREMENTS AND SPECIFICALLY STATE AND DEVIATIONS THEREFROM.

D. TESTING AGENCY SHALL PERFORM THE FOLLOWING TESTS:
1. BOLTED CONNECTIONS: INSPECT AND/OR TEST IN ACCORDANCE WITH AISC.
2. WELDED CONNECTIONS:INSPECT AND TEST DURING FABRICATION OF STRUCTURAL STEEL ASSEMBLIES AS FOLLOWS:
   A. CERTIFY WELDERS AND CONDUCT INSPECTIONS AND TESTS AS REQUIRED. RECORD TYPES AND LOCATIONS OF DEFECTS FOUND IN WORK. RECORD WORK REQUIRED AND PERFORMED TO CORRECT.
   B. PERFORM VISUAL INSPECTION OF ALL WELDS.
   C. PERFORM TESTS OF WELDS AS FOLLOWS. INSPECTION PROCEDURES LISTED ARE TO BE USED AT CONTRACTOR'S OPTION.
      1. LIQUID PENETRANT: ASTM E 165
      2. ULTRASONIC: ASTM E 164

PRODUCTS

A. STEEL:
1. STRUCTURAL STEEL SHAPES AND PLATES: A992 50ksi
2. STEEL TUBING: ASTM A500, GRADE B (Fy=46 KSI)
3. STEEL PIPE: ASTM A53, TYPE E OR S, GRADE B; OR ASTM A501
4. BOLTS, NUTS, WASHERS (EXCLUDING ANCHOR BOLTS): ASTM A325, TYPE N (UNO), TYPE SC FOR BRACING AND MOMENT CONNECTIONS.
5. ANCHOR BOLTS: A307

B. WELD ELECTRODES: E70 AND IN ACCORDANCE WITH AWS.

C. PRIMER: FABRICATOR'S STANDARD RED OXIDE SHOP PRIMER.

EXECUTION

A. PRIOR TO START OF FABRICATION, FIELD MEASURE AND CONFIRM ALL DIMENSIONS AND DETAILS FOR THE WORK JOINING OR ABUTTING EXISTING STRUCTURES.

B. PRIOR TO DELIVERY AND INSTALLATION OF COLUMNS, CONFIRM ADEQUACY OF BASE PLATES TO FIT WITH ANCHOR BOLTS.

C. DELIVER AND STORE ALL STEEL TO BE USED IN THE WORK IN A TIMELY, SAFE MANNER. PIECES THAT ARE ALLOWED TO BECOME DAMAGED WILL BE REMOVED FROM THE PROJECT AND REPLACED AT THE CONTRACTOR'S COST.

D. SET ALL STEEL STRAIGHT AND PLUMB, PROVIDE ADEQUATE TEMPORARY BRACING, TIE–BACKS, ETC. TO MAINTAIN STRUCTURAL STEEL ALIGNMENT UNTIL FINISHED WORK IS COMPLETE AND PERMANENT BRACING IS IN PLACE.

E. WHERE WORK IS TO BE FIELD WELDED, STOP OR REMOVE ALL PAINT, OIL, ETC. WITHIN TWO INCHES OF THE WELD AREA. AFTER WELD IS COMPLETE, REMOVE SLAG AND TOUCH–UP PAINT.

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Project No. 20007.04

Seal

S.E.D. NUMBER : Administration Building : 66-15-00-01-0-009-013

Alterations to Administration Building
Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
05/21/2025

Drawing Title :
NOTES & SPECS

APN : 2226.2A | Date : October 11, 2024 | Drawn by :

Drawing Number :
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SPECIAL INSPECTIONS

SPECIAL INSPECTION NOTES:

1. THE CONTRACTOR WILL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR FOR THIS PROJECT, WHO WILL PROVIDE AND/OR COORDINATE INSPECTION AND TESTING REQUIREMENTS AS NECESSARY IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE NYS BUILDING CODE.
2. THE ENGINEER HAS PREPARED A STATEMENT OF SPECIAL INSPECTIONS, INCLUDING THE SCHEDULE OF SPECIAL INSPECTIONS, TO BE SUBMITTED WITH THE CONTRACT DOCUMENTS AND THE APPLICATION FOR BUILDING PERMIT TO THE CODE ENFORCEMENT OFFICIAL.
3. REFER TO THE SCHEDULE OF SPECIAL INSPECTIONS AND TO THE SPECIFICATIONS FOR REQUIRED SPECIAL INSPECTIONS AND TESTING. SPECIAL INSPECTIONS AND TESTING SHALL BE CONTINUOUS OR PERIODIC DURING THE PERFORMANCE OF THE WORK, AS NOTED.
4. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, SPECIAL INSPECTOR, TESTING AGENCY, AND AFFECTED SUBCONTRACTORS TO REVIEW THE REQUIRED SPECIAL INSPECTION AND TESTING REQUIREMENTS FOR THE PROJECT. THE CONTRACTOR SHALL DISTRIBUTE CONSTRUCTION SCHEDULES TO EACH ATTENDEE.
5. THE SPECIAL INSPECTOR SHALL SUBMIT INTERIM REPORTS AND, AT COMPLETION OF SPECIAL INSPECTIONS, A FINAL STATEMENT OF SPECIAL INSPECTIONS. REPORTS SHALL BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER.
6. THE SPECIAL INSPECTOR SHALL NOTIFY THE CONTRACTOR IMMEDIATELY OF DISCREPANCIES, SUBSEQUENT REPORTS SHALL NOTE WHEN AND HOW DEFICIENCIES WERE CORRECTED. THE SPECIAL INSPECTOR SHALL NOTIFY THE ENGINEER AND THE CODE ENFORCEMENT OFFICIAL OF DISCREPANCIES WHICH HAVE NOT BEEN CORRECTED.
7. THE CONTRACTOR SHALL COOPERATE WITH THE SPECIAL INSPECTOR INCLUDING ADVANCE NOTIFICATION OF REQUIRED SPECIAL INSPECTION OR TEST, INCIDENTAL LABOR AND SAFE ACCESS TO THE WORK AREAS, AND ACCESS TO THE CONTRACT DOCUMENTS SO THAT INSPECTIONS AND TESTING MAY BE PERFORMED WITHOUT HINDRANCE.
8. THE SPECIAL INSPECTION PROGRAM SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE OBLIGATION TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.

KEY:

AGENT NO.	INSPECTOR
1	SPECIAL INSPECTOR
2	GEOTECHNICAL ENGINEER/INSPECTOR
3	TESTING/INSPECTING AGENCY
4	ARCHITECT/ENGINEER
KEY OF MINIMUM QUALIFICATIONS OF INSPECTION AGENTS (MQIA)	
PE	PROFESSIONAL ENGINEER
EIT	ENGINEER IN TRAINING
ACI	AMERICAN CONRETE INSTITUTE CERTIFIED CONCRETE FIELD TESTING TECHNICIAN
AWS	AMERICAN WELDING SOCIETY CERTIFIED WELDING INSPECTOR
ASNT	AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING-LEVEL II OR III

SOILS AND FOUNDATIONS:

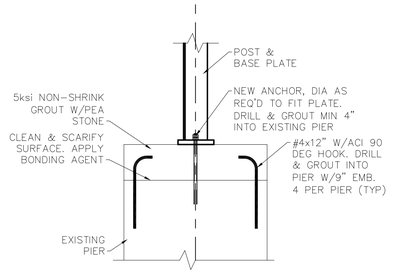
VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. SOILS a. VERIFY SOIL PREPARATION; REVIEW PROOF ROLLING. b. REVIEW SUBMITTALS FOR FILL MATERIAL c. VERIFY USE OF FILL MATERIAL AND LIFT THICKNESS IN FIELD d. REVIEW FOOTING BEARING STRATA. e. REVIEW SLAB SUBGRADE AND SUBBASE PREPARATION.	 2/PE 2/PE 2 OR 3 2/PE 2/PE	 – – – – –	 X X X X X		1704.7.1 1704.7.2 1704.7.2
2. COMPACTION TESTING ONE TEST FOR EACH SPREAD FOOTING, FOR EACH 20-FOOT LENGTH OF STRIP FOOTING, AND FOR EACH 2000 SF OF BUILDING AREA.	3	–	X		1704.7.3
3. MOISTURE CONTENT TESTING OF SLAB SUBBASE. ONE TEST FOR EACH 2000 SF OF BUILDING AREA. MINIMUM OF FOUR TESTS PER AREA.	3	–	X		ASTM F 1869

CAST-IN-PLACE CONCRETE:

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL. a. FOOTINGS AND FROST WALLS. b. RETAINING AND BASEMENT WALLS. c. SLABS ON GRADE AND DECK.	1	– – –	X 25% X 50% X 25%	ACI 318: 3.5, 7.1-7.7	1903.5, 1907.1, 1907.7, 1914.4
2. INSPECT BOLTS AND ANCHOR RODS INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE: a. WHERE ALLOWABLE LOADS HAVE BEEN INCREASED. b. AT COLUMNS IN BRACED FRAMES, MOMENT FRAMES, & WHERE RODS ARE SUBJECT TO SHEAR OR TENSION.	1	X	–		1912.5
3. VERIFYING USE OF REQUIRED DESIGN MIX.	3	X	–	ACI 318: CH. 4, 5.2-5.4	1904, 1905.2, 1905.4, 1914.2, 1914.3
4. SAMPLING FRESH CONCRETE AND PERFORMING SLUMP, AIR CONTENT, UNIT WEIGHT, AND DETERMINING THE TEMPERATURE OF FRESH CONCRETE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TESTS.	3/ACI	X	–	ASTM C172 ASTM C31 ACI 318: 5.6, 5.8	1905.6, 1914.10
5. INSPECTION OF CONCRETE FOR PROPER APPLICATION TECHNIQUES.	1 OR 3/ACI	X	–	ACI 318: 5.9, 5.10	1905.9, 1905.10, 1914.6, 1914.7, 1914.8
6. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	1 OR 3/ACI	X	–	ACI 318: 5.11-5.13	1905.11, 1905.13, 1914.9
7. SLAB TESTING: a. FLOOR FLATNESS AND LEVELNESS. b. MOISTURE VAPOR EMISSION AND ALKALINITY.	3 3	– –	X 100% X 100%	ASTM E 1155 ASTM F 1869	

STRUCTURAL STEEL:

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. VERIFY THAT FABRICATOR(S) MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES. REVIEW PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.	1	–	X		1704.2
2. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, & WASHERS: a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	 3 1	–	X 100%	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC ASD, A3.4; AISC LRFD, A3.3	
3. INSPECTION OF HIGH-STRENGTH BOLTING: a. BEARING-TYPE CONNECTIONS. b. SLIP-CRITICAL CONNECTIONS.	3 3	– X	X 100% –	AISC LRFD SECTION M2.5	1704.3.3
4. MATERIAL VERIFICATION OF STRUCTURAL STEEL: a. IDENTIFICATION MARKING TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED.	 3 1	 – –	 X 100% X 100%	 ASTM A 6 OR ASTM A568 ASTM A 6 OR ASTM A568	1708.4
5. PERFORM PULL-OUT TESTS ON DRILLED-IN ANCHORS. a. TEST 10% OF ANCHORS TO LOAD OF 50% OF ALLOWABLE PULL-OUT STRENGTH. b. TEST 100% OF ANCHORS BY PULLING WITH HAMMER.	3	–	X		
6. MATERIAL VERIFICATION OF WELD FILLER MATERIALS: a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	 3/AWS 1	–	X (DURING WELD INSPECTION)	AISC, ASD, A3.6; AISC, LRFD, A3.5	
7. INSPECTION OF WELDING: a. STRUCTURAL STEEL 1. COMPLETE & PARTIAL PENETRATION GROOVE WELDS. 2. MULTI-PASS FILLET WELDS. 3. SINGLE-PASS FILLET WELDS>5/16". 4. SINGLE-PASS FILLET WELDS>5/16". 5. FLOOR AND DECK WELDS & SHEAR CONNECTOR WELDS.	 3/AWS 3/AWS 3/AWS 3/AWS 3/AWS	 X X X – –	 – – – X 100% X 100%	AWS D1.1 AWS D1.3	1704.3.1
8. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED DOCUMENTS. a. DETAILS SUCH AS BRACING & STIFFENING. b. MEMBER LOCATIONS. c. APPLICATION OF JOINT DETAILS AT CONNECTIONS.	 1/PE 1 1	–	X 100%		1704.3.2
9. INSPECT CONDITION OF ERECTED MATERIALS.	1 AND 3	–	X 100%		1704.2
10. VERIFY COLUMN PLUMBNESS & SPLICES.	3	–	X 100%		



1 **SUPPORT FOR STAIR POST**
NTS

STEEL LINTEL SCHEDULE		
WALL THICKNESS & TYPE	WIDTH OF MASONRY OPENING	
	UP TO 4'-0" MIN 4" BRG EACH END	4'-1" TO 8'-0" MIN 8" BRG EACH END
4" - WALL A (30 psf)	L4x4x5/16	L6x4x5/16 LLV
6" - WALL A (45 psf)	L6x4x5/16 LLH	L6x6x5/16
6" - WALL B (45 psf)		WT7x13
8" - WALL B (65 psf)	DBL L3½x3½x5/16	DBL L4x3½x5/16 LLV
10" - WALL B (75 psf)	DBL L4x4x5/16	DBL L4x4x5/16
12" - WALL B (90 psf)	DBL L5x5x5/16	DBL L5x5x5/16

NOTES:
1. IN EXISTING WALLS:
   1.1. THE EXISTING MASONRY AND LINTEL SHALL BE REMOVED CAREFULLY WITH HAND TOOLS ONLY.
   1.2. NEW LINTELS SHALL BE INSTALLED AS SOON AS THE EXISTING LINTEL IS REMOVED AND THE MASONRY SHALL BE REPAIRED TO PROVIDE FULL BEARING OF THE WALL ON THE LINTEL.
   1.3. WHERE EXISTING WALL IS MULTIPLE WYTHES OF STANDARD BRICK, THE LINTEL CAN BE REPLACED AS MULTIPLE 4" WALLS OR 8" WALLS.
   1.4. EACH LINTEL SHALL BEAR ON THE EXISTING WALL WITH THE BEARING LENGTHS NOTED ABOVE.
   1.5. AT THE ARCHITECTS DISCRETION, WHERE THE INSIDE FACE OF THE WALL WILL BE FINISHED, THE NEW LINTEL ANGLE MAY BE ON THE EXPOSED FACE OF THE WALL.
2. ABOVE TABLE IS FOR STEEL LINTELS IN NON-LOAD BEARING WALLS.
3. ALL EXTERIOR LINTELS SHALL BE GALVANIZED AFTER FABRICATION. FINISH PAINT, COLOR, ETC. PER ARCHITECT
4. CORES BELOW BEARING POINTS SHALL BE GROUTED SOLID FOR FULL HEIGHT & REINFORCED.
5. DO NOT LOCATE CONTROL OR ISOLATION JOINTS ABOVE LENGTH OF THE LINTEL.

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Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

S.E.D. NUMBER : ☐ Administration Building : 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

Revision :
ISSUED FOR BID
05/21/2025

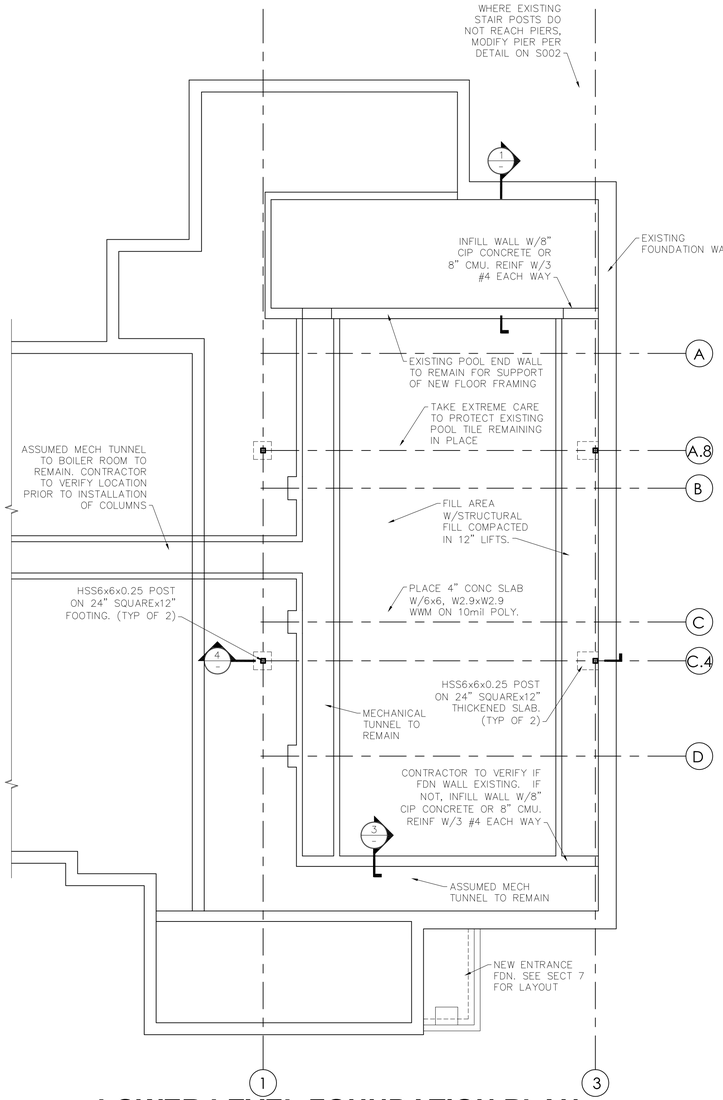
Drawing Title :
SPECIAL INSPECTIONS & MISC DETAILS

Drawn by :

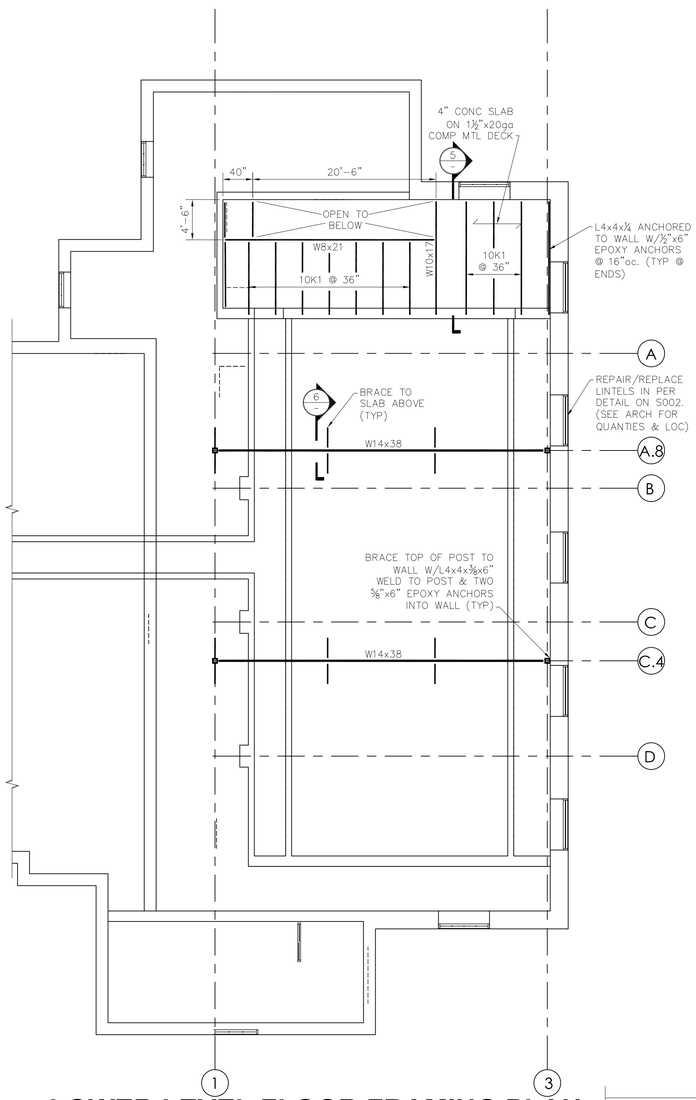
Date : October 11, 2024

APN : 2226.2A

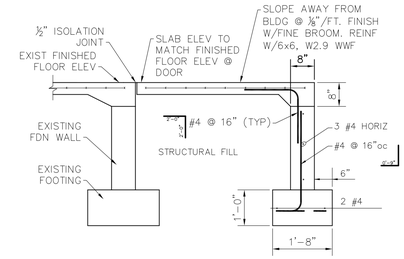
Drawing Number :
S 002



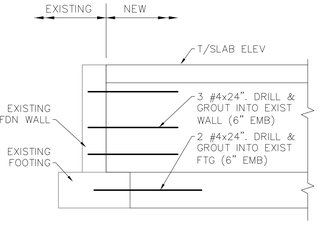
LOWER LEVEL FOUNDATION PLAN



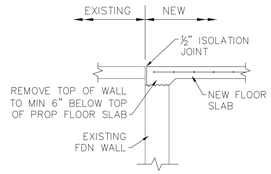
LOWER LEVEL FLOOR FRAMING PLAN



1 FOUNDATION AT NEW ENTRANCE
NTS

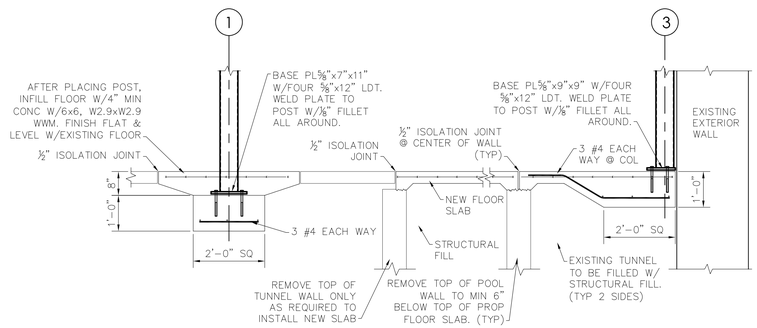


2 NEW-to-EXIST FOUNDATION
NTS



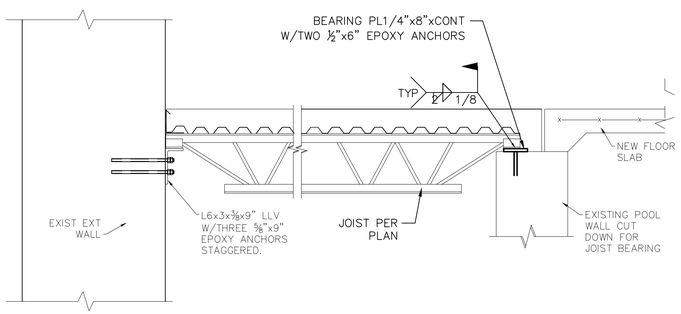
3 NEW-to-EXIST SLAB
NTS

NOTES:
1. TYPICAL AT END AND SIDE WALLS OF EXISTING POOL AND MECHANICAL CHASES.
2. HAUNCH SLAB DOWN TO TOP OF WALL.
3. AT TUNNEL, WHERE EXISTING SLAB EXTENDS OVER TOP-OF-WALL, CUT SLAB AT CENTER OF WALL, INSTALL ISOLATION JOINT, & PLACE NEW SLAB TO FACE OF JOINT.

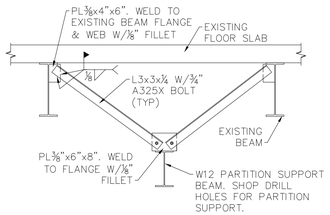


4 NEW PARTITION SUPPORT POST
NTS

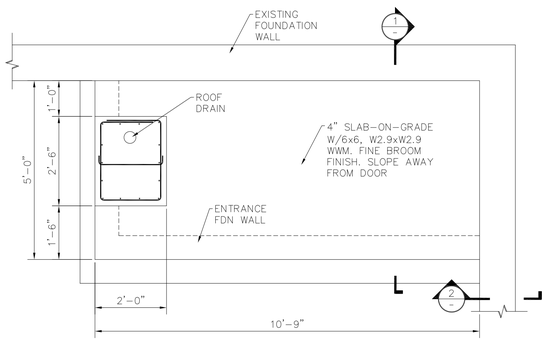
NOTES:
1. WHERE POST IS BELOW TOP OF SLAB, SEAL POST, PLATE, BOLTS, ETC. W/ASPHALT BASED SEALANT.



5 NEW FLOOR CONSTRUCTION
NTS



6 PARTITION BRACING



7 ENTRANCE CANOPY FOUNDATION
NTS

NOTES:
1. FINAL PIER SIZE TO BE VERIFIED WITH CANOPY MFR POST, BASE PLATE, & ANCHOR BOLT REQUIREMENTS.
2. EXPOSED PORTIONS OF PIER SHALL HAVE SMOOTH RUBBED FINISH.
3. ALL CANOPY STEEL COMPONENTS EMBEDDED IN CONCRETE SHALL HAVE FACTORY APPLIED TAR EPOXY FINISH.
4. PROVIDE ½" ISOLATION JOINT FILLER BETWEEN CONCRETE AND POST. FINISH TOP OF JOINT WITH SILICONE BASED SEALANT.

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Project No. 20007.04

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
STRUCTURAL PLANS AND DETAILS

Drawn by:

Date: October 11, 2024

APN: 22242A

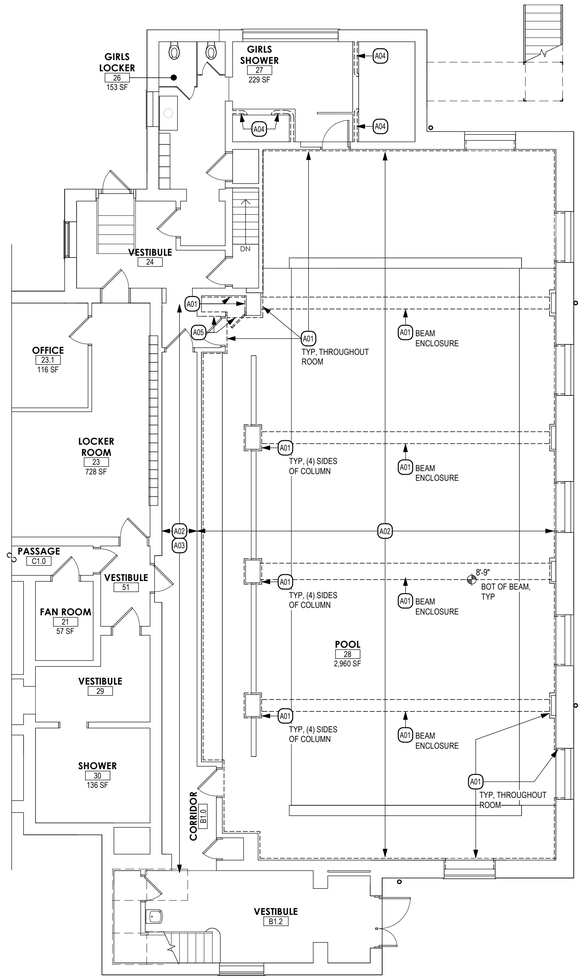
Drawing Number:
S
100

GENERAL ABATEMENT PLAN NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56 AND SPECIFICATIONS. ALL MATERIALS ARE TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56.
2. DISPOSE OF ALL MATERIALS TO BE REMOVED AS ASBESTOS CONTAINING BUILDING MATERIAL (ACBM), UNLESS NOTED OTHERWISE.
3. EXACT EXTENTS AND LOCATIONS OF REMOVALS SHALL BE DETERMINED IN THE FIELD. COORDINATE ABATEMENT WITH OTHER PRIME CONTRACTORS AS REQUIRED .
4. FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES..
5. REFER TO THE HAZARDOUS MATERIALS SURVEY IN THE SPECIFICATIONS FOR QUANTITIES, LOCATIONS, AND ADDITIONAL LOCATIONS.
6. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TYING UP ALL DEVICES TO EXISTING STRUCTURE ABOVE DURING REMOVALS INCLUDING ALL FIRE ALARM, SPEAKERS, EMERGENCY EXIT LIGHTING, SECURITY CAMERAS, ETC.
7. ABATEMENT TO INCLUDE COMPLETE REMOVALS OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE.
8. REMOVE PORTIONS OF CEILING, WALL, SOFFIT, ETC. AS REQUIRED FOR COMPLETE REMOVAL OF ACBM. DISPOSE OF AS ASBESTOS CONTAINING BUILDING MATERIALS UNLESS NOTED OTHERWISE. SEE DEMOLITION PLANS FOR EXTENT OF ITEMS THAT ARE EXISTING TO REMAIN, OR SCHEDULED FOR DEMOLITION. PATCH ALL SURFACES THAT ARE EXISTING TO REMAIN TO MATCH EXISTING ADJACENT, OR AS REQUIRED FOR INSTALLATION OF NEW WORK.
9. KEYNOTES AND HATCHES INDICATE APPROXIMATE AREAS, ELEVATIONS, ETC OF SPECIFIC ITEMS TO BE REMOVED. THE INTENT IS FOR ALL OF THE TYPE OF ACBM MATERIAL IDENTIFIED WITH A KEYNOTE TO BE REMOVED IN THE ENTIRE SPACE. EVEN IF SAID MATERIAL FALLS OUTSIDE OF THE HATCHED AREA OR IS OF A DIFFERENT SIZE OR ELEVATION INDICATED.

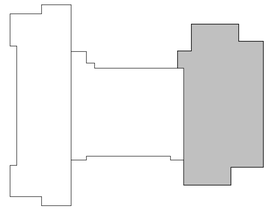
ABATEMENT KEYNOTES

A01	REMOVE EXISTING TAN STUCCO (PAINTED GREEN) APPLIED TO WALL OR BEAM COMPLETE TO SUBSTRATE AND DISPOSE OF AS ASBESTOS-CONTAINING BUILDING MATERIAL. STUCCO IS APPLIED TO WALL ABOVE TILE WAINSCOT FROM APPROX. 4'-0" AFF TO CEILING AT APPROX. 10'-2"
A02	REMOVE EXISTING TAN STUCCO CEILING SYSTEM (PAINTED GREEN) COMPLETE, INCLUDING ALL HANGERS AND SUPPORTS, AND DISPOSE OF AS ASBESTOS-CONTAINING BUILDING MATERIAL. CEILING IS APPROX. 10'-2" AFF
A03	REMOVE EXISTING SUSPENDED CEILING SYSTEM COMPLETE AS REQUIRED TO ABATE CONCEALED STUCCO CEILING ABOVE
A04	REMOVE ALL EXISTING GLASS BRICK AND MORTAR COMPLETE AND DISPOSE OF AS ASBESTOS-CONTAINING BUILDING MATERIAL.
A05	REMOVE DOOR AND WALL AS REQUIRED TO REMOVE ALL STUCCO



LOWER LEVEL ABATEMENT PLAN

1 SCALE: 1/8" = 1'-0"



KEY PLAN

NO SCALE

N

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Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

Drawing Title:
PARTIAL ABATEMENT PLAN

Drawing Number:
A 101

APN: 2226.2A | Date: October 11, 2024 | Drawn by: SL

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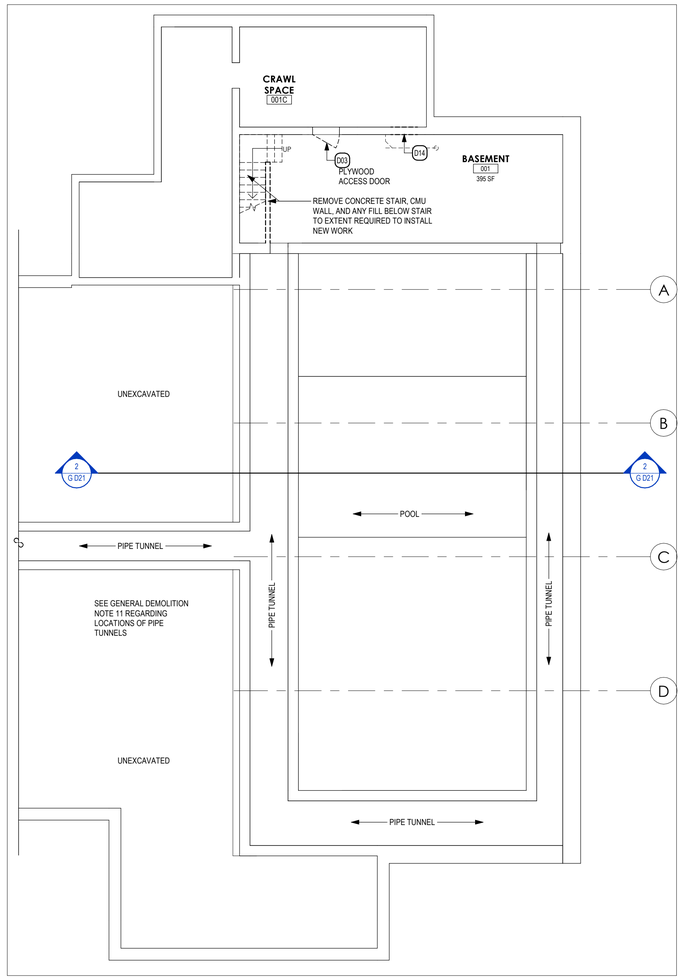
■ Administration Building: 66-15-00-01-0-009-013

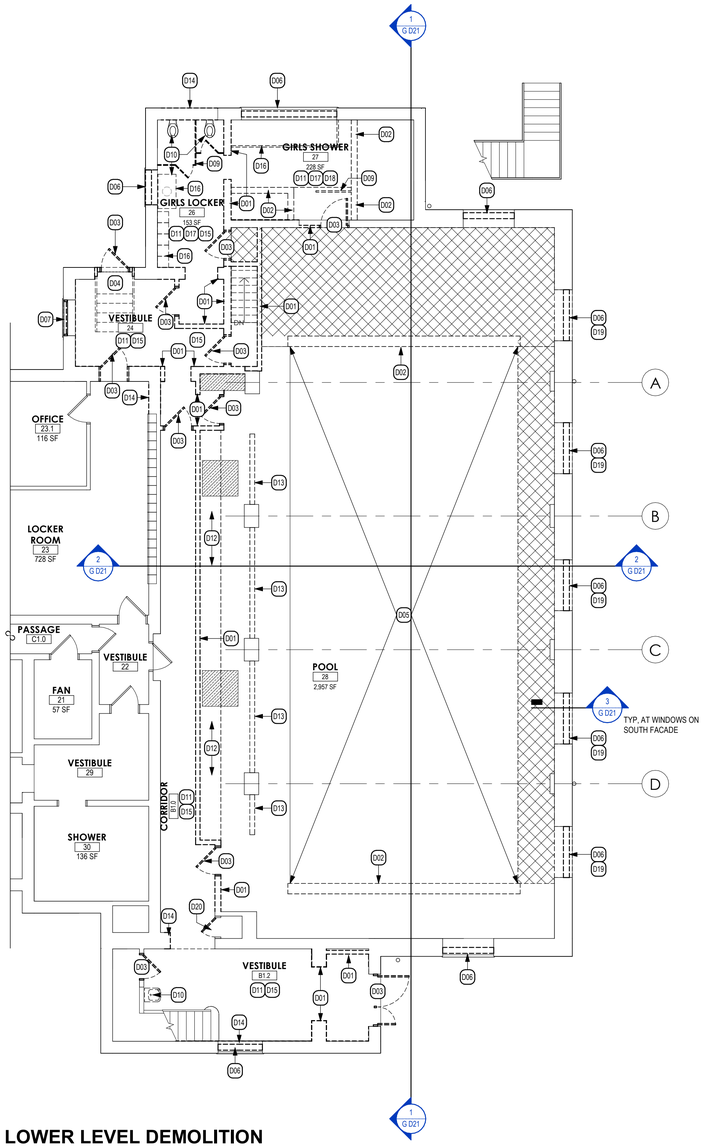
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

5/21/2025 1:37:05 PM



BASEMENT DEMOLITION PLAN

2 SCALE: 1/8" = 1'-0"



LOWER LEVEL DEMOLITION PLAN

1 SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION PLAN NOTES

1. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ASBESTOS DRAWINGS AND HAZMAT REPORT FOR ADDITIONAL INFORMATION. COORDINATE REMOVALS WITH ALL OTHER CONTRACTORS
2. MAINTAIN INTEGRITY OF ITEMS THAT ARE EXISTING TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES
3. COORDINATE EXTENT OF SELECTIVE DEMOLITION WITH NEW WORK
4. PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED PRIOR TO COMMENCING DEMOLITION. DO NOT DAMAGE OR DISTURB EXISTING STRUCTURAL ELEMENTS THAT ARE TO REMAIN. WHERE WALLS ARE TO BE REMOVED, DO NOT DAMAGE EXISTING COLUMNS, UNLESS NOTED OTHERWISE.
5. PRIOR TO START OF PROJECT, OWNER SHALL REMOVE LOOSE EQUIPMENT SUCH AS FURNITURE, DESKS, CHAIRS, SHELVING, KITCHEN EQUIPMENT, ETC, UNLESS NOTED OTHERWISE
6. REMOVE CEILING SYSTEM AND SOFFITS IN ALL SPACES SCHEDULED TO RECEIVE NEW CEILING OR WHERE EXPOSED STRUCTURE IS CALLED FOR, UNLESS NOTED OTHERWISE. SEE ROOM FINISH SCHEDULE AND CEILING PLANS
7. DEMOLITION TO INCLUDE COMPLETE REMOVAL OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE. PATCH SUBSTRATE AS REQUIRED FOR NEW FINISHES. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO BLEND WITH AND MATCH EXISTING ADJACENT SURFACES, OR TO PROVIDE NEW CONSTRUCTION AS SHOWN
8. REMOVE EXISTING LINTELS AT ALL OPENINGS TO BE INFILLED AND/OR OPENINGS TO RECEIVE NEW LINTELS. PROVIDE TEMPORARY BRACING AS REQUIRED
9. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED BY THE EC PRIOR TO ANY REMOVALS. EC WILL REMOVE ALL ELECTRICAL ITEMS. GC AND EC SHALL COORDINATE WORK.
10. EXACT EXTENT OF EXISTING PIPE TUNNELS/CRAWL SPACES IS UNKNOWN. PROCEED CAUTIOUSLY WITH ALL SLAB REMOVALS AND NOTIFY ARCHITECT OF ANY DISCRPANCIES.

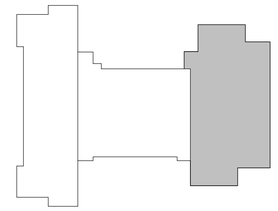
DEMOLITION LEGEND

REMOVE EXISTING ELEVATED STRUCTURAL FLOOR SLAB COMPLETE AS REQUIRED TO PERFORM NEW WORK. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

REMOVE EXISTING STRUCTURAL FLOOR SLAB-ON-GRADE COMPLETE AS REQUIRED TO PERFORM NEW WORK. PROVIDE NEW SLAB-ON-GRADE PER STRUCTURAL DETAILS. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

DEMOLITION KEYNOTES

D01	REMOVE EXISTING MASONRY WALL ASSEMBLIES OR PORTIONS OF WALL ASSEMBLIES AS REQUIRED FOR INSTALLATION OF NEW WORK. GC SHALL BRACE EXISTING BUILDING AS REQUIRED TO MAINTAIN STABILITY.
D02	REMOVE EXISTING CONCRETE CURB ASSEMBLIES IN THEIR ENTIRITY.
D03	REMOVE EXISTING DOOR, DOOR FRAME, DOOR HARDWARE, (IF) SIDELIGHTS AND/OR TRANSOMS, AND (IF) THRESHOLD COMPLETELY. INFILL OR WIDEN OPENING AS REQUIRED.
D04	REMOVE EXISTING ASSEMBLED METAL STAIR SYSTEM COMPLETE
D05	PREP POOL FOR INFILL, PRIOR TO PERFORMING OTHER DEMOLITION WORK, PROTECT EXISTING TILE BY INSTALLING GEOTEXTEXTILE. SEE STRUCTURAL DRAWINGS
D06	REMOVE EXISTING WINDOW AND CMU WALL INFILL AS REQUIRED FOR NEW WORK. REPLACE LINTEL PER STRUCTURAL DRAWINGS. GC SHALL BRACE EXISTING BUILDING AS REQUIRED TO MAINTAIN STABILITY.
D07	REMOVE EXISTING GLASS BLOCK WINDOW SYSTEM COMLETE AS REQUIRED FOR INSTALLATION OF NEW WORK. REPLACE LINTEL PER STRUCTURAL DRAWINGS.
D09	REMOVE EXISTING TOILET COMPARTMENT SYSTEM COMPLETE
D10	FIXTURE REMOVAL PER PLUMBING DRAWINGS. PATCH AND MATCH EXISTING CMU WALL
D11	REMOVE EXISTING WALL TILE COMPLETE TO SUBSTRATE, TYPICAL THROUGHOUT ROOM. PREP WALLS TO RECEIVE NEW FINISHES AS SCHEDULED
D12	REMOVE EXISTING CAST IN PLACE BENCH COMPLETE
D13	REMOVE EXISTING PARTIAL HEIGHT WALL COMPLETE
D14	REMOVE PORTION OF WALL AS REQUIRED FOR INSTALLATION OF NEW OPENING. PATCH TO MATCH ADJACENT WALL FINISH.
D15	REMOVE EXISTING SUSPENDED CEILING SYSTEMS COMPLETE, TYPICAL THROUGHOUT ROOM
D16	REMOVE EXISTING BUILT-IN CASEWORK OR EQUIPMENT COMPLETE
D17	REMOVE ALL TOILET ACCESSORIES COMPLETE THROUGHOUT ROOM INCLUDING BUT NOT LIMITED TO, TOILET TISSUE DISPENSERS, PAPER TOWEL DISPENSERS, SOAP DISPENSERS, AND MIRRORS.
D18	REMOVE EXISTING HARD (PLASTER OR GWB) CEILING SYSTEM COMPLETE THROUGHOUT ROOM.
D19	REMOVE PORTION OF MASONRY WALL BELOW EXISTING OPENING FOR ENLARGED WINDOW. SEE DEMO WALL SECTION FOR ADDITIONAL INFORMATION. PATCH TO MATCH EXISTING ADJACENT MATERIALS.
D20	REMOVE EXISTING DOOR, DOOR HARDWARE, AND (IF) THRESHOLD COMPLETELY. FRAME EXR.



KEY PLAN

NO SCALE

MOSAIC ASSOCIATES
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Consultant:

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
PARTIAL DEMOLITION PLANS

APN: 2224-2A | Date: October 11, 2024 | Drawn by: RWK/SL

Drawing Number:

G D01

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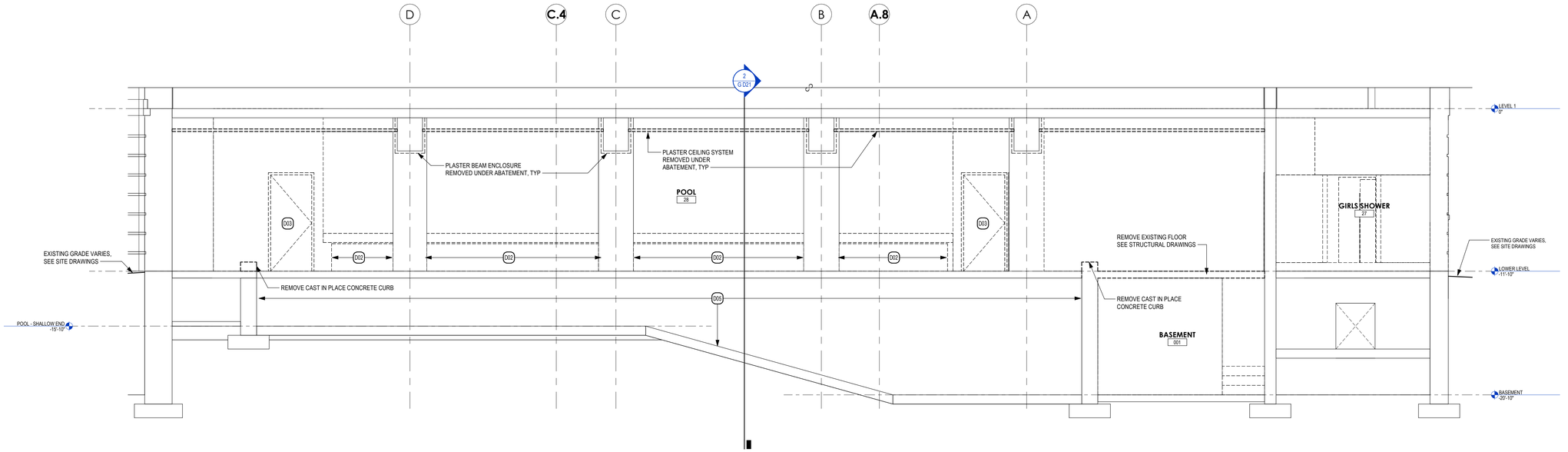
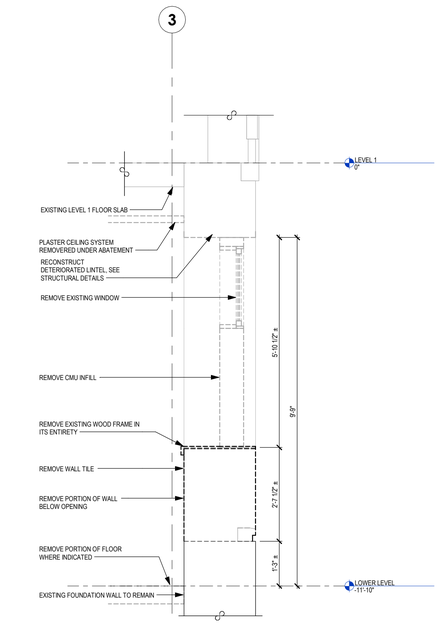


1 DEMOLITION BUILDING SECTION NORTH

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

2 DEMOLITION BUILDING SECTION EAST

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



3 DEMOLITION WALL SECTION

SCALE: 1/2" = 1'-0"

DEMOLITION KEYNOTES

D01	REMOVE EXISTING MASONRY WALL ASSEMBLIES OR PORTIONS OF WALL ASSEMBLIES AS REQUIRED FOR INSTALLATION OF NEW WORK. GC SHALL BRACE EXISTING BUILDING AS REQUIRED TO MAINTAIN STABILITY.
D02	REMOVE EXISTING CONCRETE CURB ASSEMBLIES IN THEIR ENTIRTY.
D03	REMOVE EXISTING DOOR, DOOR FRAME, DOOR HARDWARE, (IF) SIDELIGHTS AND/OR TRANSOMS, AND (IF) THRESHOLD COMPLETELY. INFILL OR WIDEN OPENING AS REQUIRED.
D04	REMOVE EXISTING ASSEMBLED METAL STAIR SYSTEM COMPLETE
D05	PREP POOL FOR INFILL. PRIOR TO PERFORMING OTHER DEMOLITION WORK, PROTECT EXISTING TILE BY INSTALLING GEOTEXTEXTILE. SEE STRUCTURAL DRAWINGS
D06	REMOVE EXISTING WINDOW AND CMU WALL INFILL AS REQUIRED FOR NEW WORK. REPLACE LINTEL PER STRUCTURAL DRAWINGS. GC SHALL BRACE EXISTING BUILDING AS REQUIRED TO MAINTAIN STABILITY.
D07	REMOVE EXISTING GLASS BLOCK WINDOW SYSTEM COMLETE AS REQUIRED FOR INSTALLATION OF NEW WORK. REPLACE LINTEL PER STRUCTURAL DRAWINGS
D09	REMOVE EXISTING TOILET COMPARTMENT SYSTEM COMPLETE
D10	FIXTURE REMOVAL PER PLUMBING DRAWINGS. PATCH AND MATCH EXISTING CMU WALL
D11	REMOVE EXISTING WALL TILE COMPLETE TO SUBSTRATE, TYPICAL THROUGHOUT ROOM. PREP WALLS TO RECEIVE NEW FINISHES AS SCHEDULED
D12	REMOVE EXISTING CAST IN PLACE BENCH COMPLETE
D13	REMOVE EXISTING PARTIAL HEIGHT WALL COMPLETE
D14	REMOVE PORTION OF WALL AS REQUIRED FOR INSTALLATION OF NEW OPENING. PATCH TO MATCH ADJACENT WALL FINISH.
D15	REMOVE EXISTING SUSPENDED CEILING SYSTEMS COMPLETE, TYPICAL THROUGHOUT ROOM
D16	REMOVE EXISTING BUILT-IN CASEWORK OR EQUIPMENT COMPLETE
D17	REMOVE ALL TOILET ACCESSORIES COMPLETE THROUGHOUT ROOM INCLUDING BUT NOT LIMITED TO, TOILET TISSUE DISPENSERS, PAPER TOWEL DISPENSERS, SOAP DISPENSERS, AND MIRRORS.
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D19	REMOVE PORTION OF MASONRY WALL BELOW EXISTING OPENING FOR ENLARGED WINDOW. SEE DEMO WALL SECTION FOR ADDITIONAL INFORMATION. PATCH TO MATCH EXISTING ADJACENT MATERIALS.
D20	REMOVE EXISTING DOOR, DOOR HARDWARE, AND (IF) THRESHOLD COMPLETELY. FRAME EXR.

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Consultant:

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

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DEMOLITION SECTIONS

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Drawing Number:
G
D21

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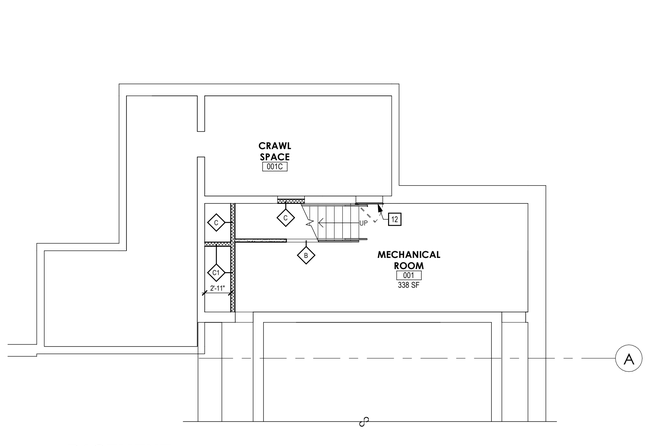
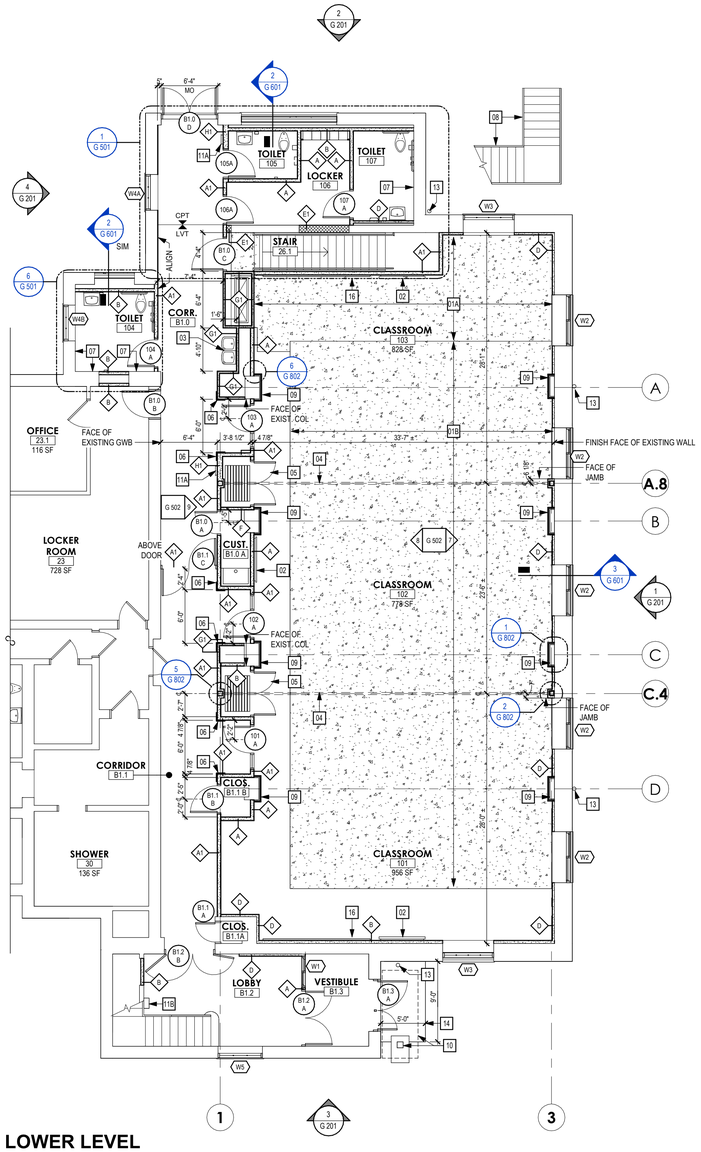


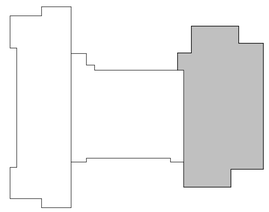
BASEMENT RECONSTRUCTION PLAN

2 SCALE: 1/8" = 1'-0"



LOWER LEVEL RECONSTRUCTION PLAN

1 SCALE: 1/8" = 1'-0"



KEY PLAN

NO SCALE

GENERAL FLOOR PLAN NOTES

1. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO PROCEEDING WITH WORK. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCY. ADJUST DIMENSIONS OF NEW WORK AS REQUIRED BY THE ARCHITECT
2. DIMENSIONS SHOWN ON PLANS ARE TO FACE OF NOMINAL MASONRY WALLS, THE CENTER LINES OF COLUMNS OR THE FINISHED FACE OF GWB ASSEMBLIES UNLESS INDICATED OTHERWISE.
3. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE
4. GC SHALL COORDINATE ALL MECHANICAL CHASES AND WALL OPENINGS WITH EC, MC, AND PC GC SHALL PROVIDE ALL OPENINGS AND LINTELS AS REQUIRED. COORDINATE MASONRY OPENING SIZES AND DETAILS FOR LOUVERS WITH MC
5. AT MASONRY INFILL, TOOTH-IN AND PATCH WALL AREA. RESTORE EXPOSED FINISHES OF ADJACENT AREAS AND EXTEND FINISHES INTO ADJOINING CONSTRUCTION TO REMAIN IN THE MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING

NEW CONSTRUCTION KEYNOTES

01A	PROVIDE NEW STRUCTURAL SLAB ON DECK AND FLOOR FRAMING. SEE STRUCTURAL DRAWINGS.
01B	INFILL POOL AND ADJACENT PIPE TUNNEL. PROVIDE STRUCTURAL SLAB ON GRADE. SEE STRUCTURAL DRAWINGS. PRIOR TO INSTALLING STRUCTURAL FILL, INSTALL GEOTEXTILE FABRIC (WINFAB 450 OR EQUAL) AS BARRIER BETWEEN POOL TILE AND FILL.
02	FLAT PANEL DISPLAY BY OWNER. INSTALL (2) ROWS X 48" LONG FIRE-TREATED WOOD BACKING PLATE. COORDINATE EXACT LOCATION IN FIELD.
03	PC TO PROVIDE ADA-COMPLIANT, DUAL-STATION DRINKING FOUNTAIN.
04	PROVIDE OPERABLE PARTITION.
05	PROVIDE OPERABLE PARTITION POCKET DOOR FOR OPERABLE MARKERBOARD PARTITION.
06	PROVIDE HARDWOOD VENEER PLYWOOD CORNER GUARD. SEE INTERIOR DETAILS.
07	LAMINATE EXISTING WALL WITH 5/8" GWB.
08	PREP, PRIME, AND PAINT ALL SURFACES OF EXISTING EXTERIOR STEEL STAIR. MODIFY FOOTING AT FOUR POSTS, SEE STRUCTURAL DRAWINGS.
09	PROVIDE METAL COMPOSITE WALL PANEL COLUMN WRAP. SEE INTERIOR ELEVATIONS AND INTERIOR DETAILS
10	FABRICATED ENGINEERED CANOPY AND FOOTING.
11A	RECESSED FIRE EXTINGUISHER CABINET
11B	SURFACE-MOUNTED FIRE EXTINGUISHER CABINET
12	3' X 3' ACCESS DOOR. PROVIDE LINTEL FOR NEW OPENING
12	PAINT EXISTING SOFFIT INCLUDING VERTICAL FACE OF WALL
13	REMOVE EXISTING AND PROVIDE NEW DOWNSPOUT. CONNECT TO EXISTING COLLECTOR BOX. TIE IN TO NEW STORM LINE PER SITE DRAWINGS
14	FROST-PROTECTED ENTRANCE SLAB. SEE STRUCTURAL DETAILS. PROVIDE SLEEVE IN WALL FOR STORM LINE
15	PAINT UNDER-SIDE OF EXISTING EXPOSED STAIR STRUCTURE.
16	12' X 4' MARKER BOARD WITH WOOD TRIM. SEE INTERIOR DETAILS

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Consultant:

Seal

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Peekskill City School District
Peekskill, New York

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05/21/2025

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Drawn by: RWK
Date: October 11, 2024
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NEW CONSTRUCTION KEYNOTES

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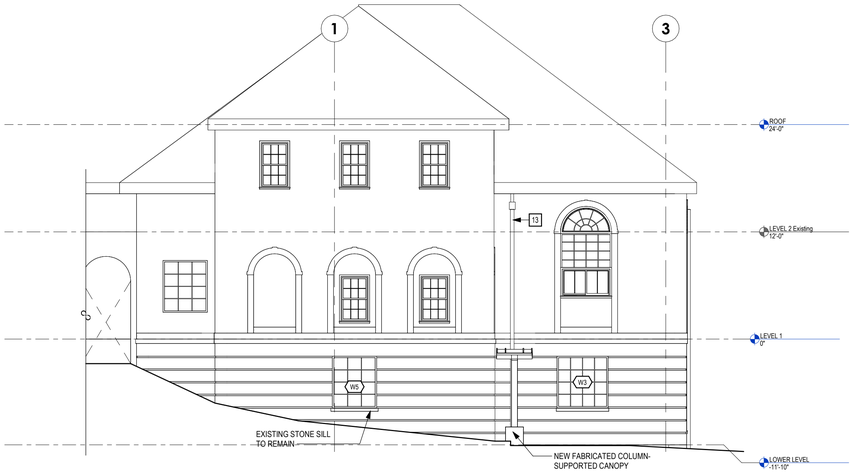
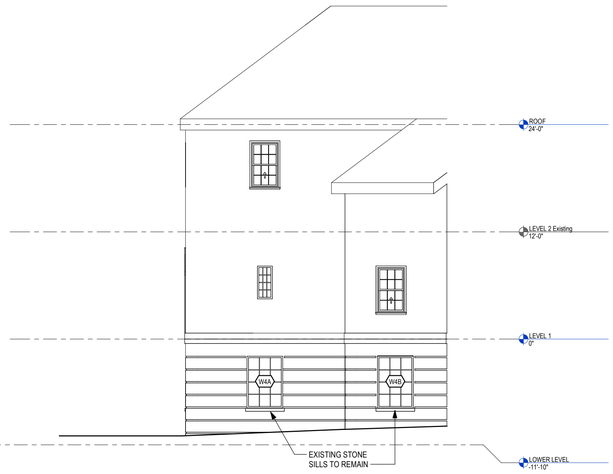
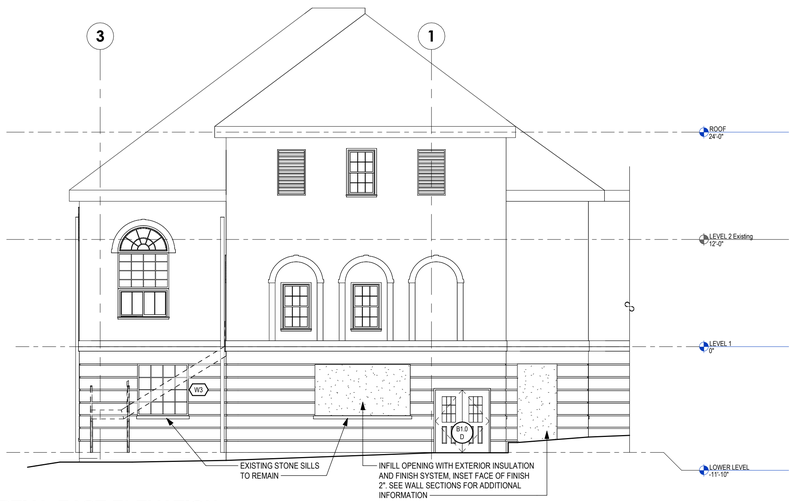
06	PROVIDE HARDWOOD VENEER PLYWOOD CORNER GUARD. SEE INTERIOR DETAILS.
07	LAMINATE EXISTING WALL WITH 5/8" GWB.
08	PREP, PRIME, AND PAINT ALL SURFACES OF EXISTING EXTERIOR STEEL STAIR. MODIFY FOOTING AT FOUR POSTS, SEE STRUCTURAL DRAWINGS.
09	PROVIDE METAL COMPOSITE WALL PANEL COLUMN WRAP. SEE INTERIOR ELEVATIONS AND INTERIOR DETAILS
10	FABRICATED ENGINEERED CANOPY AND FOOTING.
11A	RECESSED FIRE EXTINGUISHER CABINET
11B	SURFACE-MOUNTED FIRE EXTINGUISHER CABINET
12	3' X 3' ACCESS DOOR. PROVIDE LINTEL FOR NEW OPENING
12	PAINT EXISTING SOFFIT INCLUDING VERTICAL FACE OF WALL
13	REMOVE EXISTING AND PROVIDE NEW DOWNSPOUT. CONNECT TO EXISTING COLLECTOR BOX. TIE IN TO NEW STORM LINE PER SITE DRAWINGS
14	FROST-PROTECTED ENTRANCE SLAB. SEE STRUCTURAL DETAILS. PROVIDE SLEEVE IN WALL FOR STORM LINE
15	PAINT UNDER-SIDE OF EXISTING EXPOSED STAIR STRUCTURE
16	12' X 4' MARKER BOARD WITH WOOD TRIM. SEE INTERIOR DETAILS



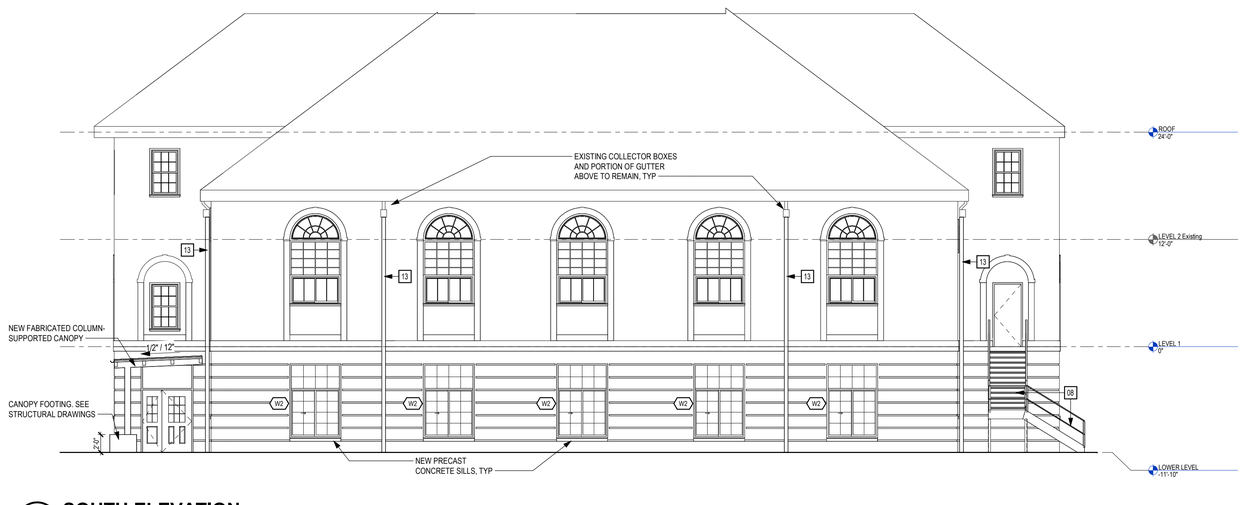
3 PARTIAL WEST ELEVATION
SCALE: 1/8" = 1'-0"



4 PARTIAL NORTH ELEVATION
SCALE: 1/8" = 1'-0"



2 PARTIAL EAST ELEVATION
SCALE: 1/8" = 1'-0"



1 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

5/21/2025 1:37:18 PM

MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED: FOR BID
05/21/2025

Drawing Title:
BUILDING ELEVATIONS

Drawn by: RWK
Date: October 11, 2024
APN: 2224-2A

Drawing Number:
G 201

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013

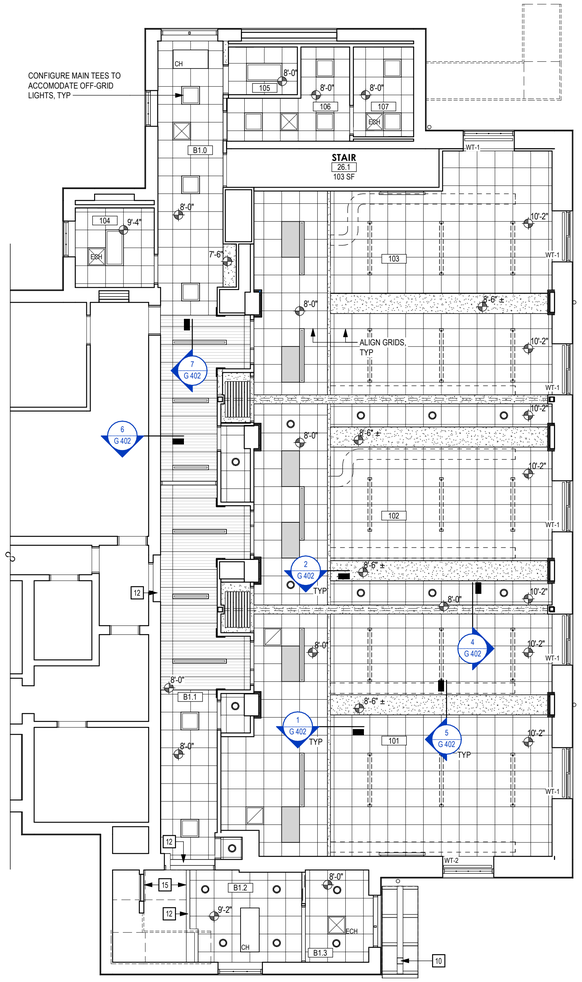
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

GENERAL CEILING PLAN NOTES

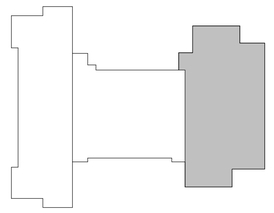
1. CENTER GRIDS IN SPACE AND ON COLUMN LINES AS SHOWN, TYPICAL UNLESS NOTED OTHERWISE
2. PROVIDE PAINTED GWB FASCIA AT ALL CEILING HEIGHT CHANGES, TYPICAL UNLESS NOTED OTHERWISE
3. BRACE ALL SOFFITS/FASCIAS DIAGONALLY BACK TO BUILDING STRUCTURE WITH 3 5/8" METAL STUDS AT 4'-0" OC MAXIMUM, TYPICAL UNLESS NOTED OTHERWISE
4. IN EXISTING CONSTRUCTION, REMOVE ALL EXISTING CEILING SYSTEMS AND SOFFITS IN AREAS OF NEW CEILINGS, TYPICAL UNLESS NOTED OTHERWISE
5. COORDINATE ALL CEILING WORK WITH PLUMBING, MECHANICAL AND ELECTRICAL CONTRACT WORK. REPORT ANY DISCREPANCIES OR FIELD CONFLICTS BETWEEN CEILING PLANS AND P, M, AND E DRAWINGS TO ARCHITECT PRIOR TO CONSTRUCTION

CEILING PLAN LEGEND

- GYPSUM BOARD SOFFIT SYSTEM-HEIGHT AS NOTED
- 24" x 24" ACOUSTICAL PANEL CEILING SYSTEM. CENTER IN SPACE UNLESS OTHERWISE NOTED OR INDICATED. HEIGHT AS NOTED.
- LINEAR WOOD CEILING SYSTEM
- SUPPLY DIFFUSER, REGISTER OR GRILLE
- RETURN DIFFUSER, REGISTER OR GRILLE
- ECH — ELECTRIC CABINET HEATER
- CH — CABINET HEATER
- SURFACE MOUNTED OR RECESSED LIGHT FIXTURE, SIZES AND SHAPES VARY. SEE ELECTRICAL DRAWINGS
- PENDENT LIGHT FIXTURE, SIZES AND SHAPES VARY. SEE ELECTRICAL DRAWINGS
- 24 X 48 CEILING PANEL FOR EQUIPMENT ACCESS. COORDINATE EXACT LOCATION WITH MC. RUN CEILING MAIN TEES TO ACCOMODATE PANEL
- BELOW-CEILING DUCT WORK. SIZES AND CONFIGRATIONS VARY. SEE MECHANICAL DRAWINGS. PAINT
- X'-X" — CEILING OR SOFFIT HEIGHT DESIGNATION INDICATES CEILING or SOFFIT HEIGHT ABOVE FINISHED FLOOR
- XXX — ROOM TAG INDICATES ROOM NUMBER



1 PARTIAL REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN
NO SCALE

5/21/2025 1:37:20 P.M.

MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
1SSUED FOR BID
05/21/2025

Drawing Title:
REFLECTED CEILING PLAN

APN: 2226.2A | Date: October 11, 2024 | Drawn by: RWK

Drawing Number:
G 401

1 SOFFIT DETAIL

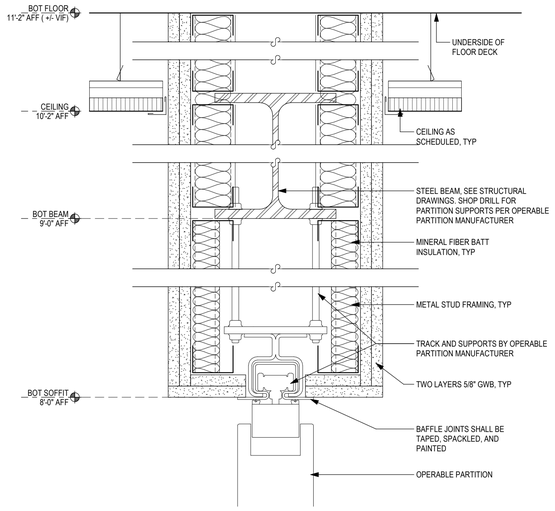
SCALE: 3" = 1'-0"

2 SOFFIT DETAIL @ BEAM

SCALE: 3" = 1'-0"

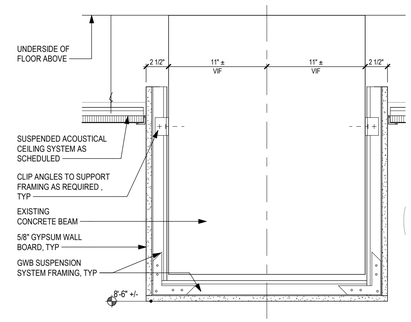
3 WALL DETAIL

SCALE: 3" = 1'-0"



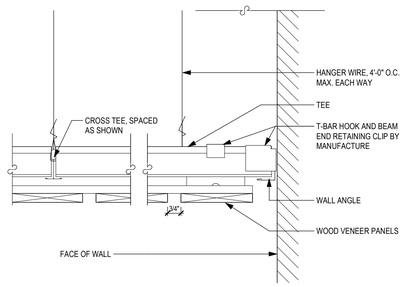
4 OPPERABLE WALL TRACK DETAIL

SCALE: 3" = 1'-0"



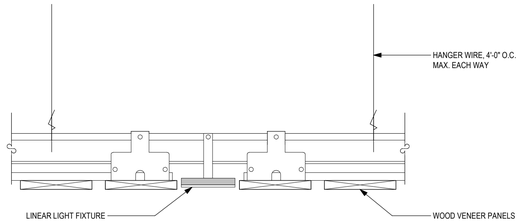
5 CEILING DETAIL AT BEAM ENCLOSURE

SCALE: 1 1/2" = 1'-0"



6 WOOD VANEERE CEILING WALL DETAIL

SCALE: 3" = 1'-0"



7 WOOD VANEERE CEILING LIGHT DETAIL

SCALE: 3" = 1'-0"

5/21/2025 1:37:22 PM

SED NUMBERS:
■ Administration Building: 46-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE

Revision:
ISSUED FOR BID
05/21/2025

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Seal

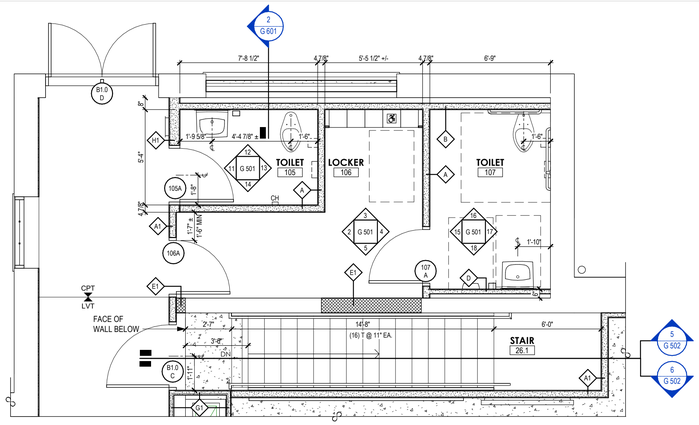
Consultants

Drawing Title:
CEILING DETAILS

APN: 2224-3A | Date: October 11, 2024 | Drawn by: RWK

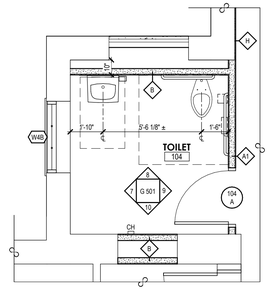
Drawing Number:

G 402



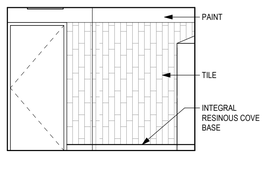
1 ENLARGED FLOOR PLAN - TLT. / STAIR / LOCKER

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



6 ENLARGED FLOOR PLAN - ADA TLT. 104

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

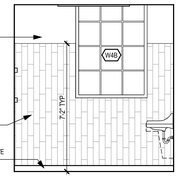


2 106 NORTH ELEVATION

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

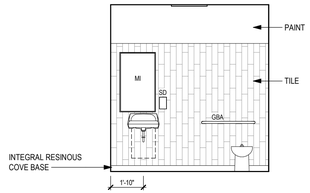
3 106 EAST ELEVATION

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



7 104 NORTH ELEVATION

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



8 104 EAST ELEVATION

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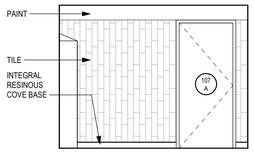
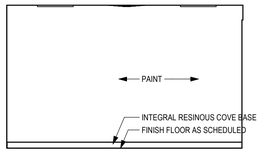


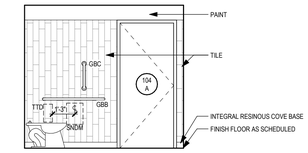
4 106 SOUTH ELEVATION

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



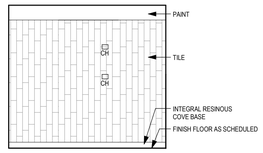
5 106 WEST ELEVATION

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



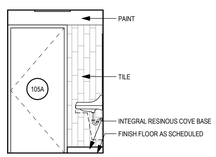
9 104 SOUTH ELEVATION

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



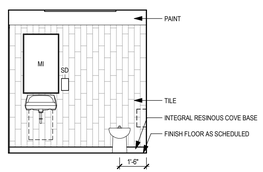
10 104 WEST ELEVATION

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



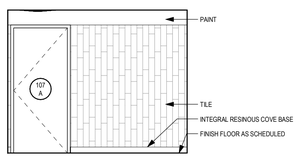
11 105 NORTH ELEVATION

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



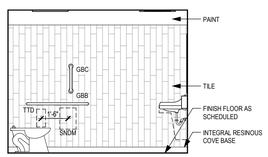
12 105 EAST ELEVATION

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



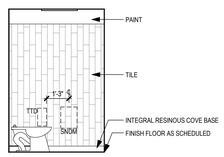
15 107 NORTH ELEVATION

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



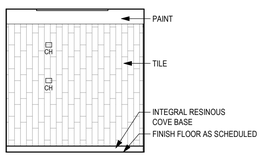
17 107 SOUTH ELEVATION

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



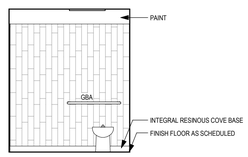
13 105 SOUTH ELEVATION

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



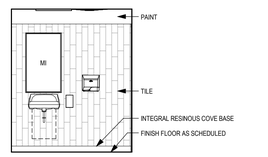
14 105 WEST ELEVATION

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



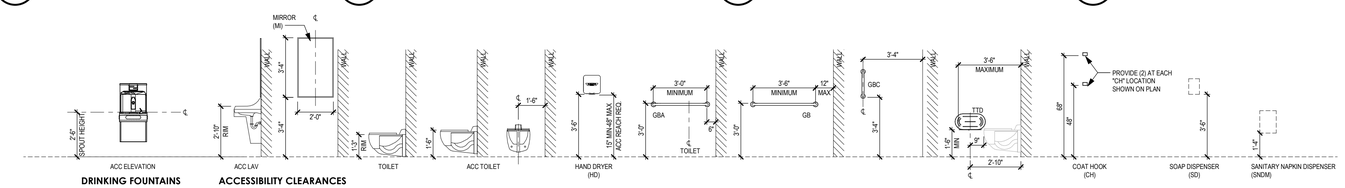
16 107 EAST ELEVATION

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



18 107 WEST ELEVATION

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



TYPICAL MOUNTING HEIGHTS

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

NEW CONSTRUCTION KEYNOTES

#	
01A	PROVIDE NEW STRUCTURAL SLAB ON DECK AND FLOOR FRAMING. SEE STRUCTURAL DRAWINGS.
01B	INFILL POOL AND ADJACENT PIPE TUNNEL. PROVIDE STRUCTURAL SLAB ON GRADE. SEE STRUCTURAL DRAWINGS. PRIOR TO INSTALLING STRUCTURAL FILL, INSTALL GEOTEXTILE FABRIC (WINFAB 450 OR EQUAL) AS BARRIER BETWEEN POOL TILE AND FILL.
02	FLAT PANEL DISPLAY BY OWNER. INSTALL (2) ROWS X 48" LONG FIRE-TREATED WOOD BACKING PLATE. COORDINATE EXACT LOCATION IN FIELD.
03	PC TO PROVIDE ADA-COMPLIANT, DUAL-STATION DRINKING FOUNTAIN.
04	PROVIDE OPERABLE PARTITION.
05	PROVIDE OPERABLE PARTITION POCKET DOOR FOR OPERABLE MARKERBOARD PARTITION.
06	PROVIDE HARDWOOD VENEER PLYWOOD CORNER GUARD. SEE INTERIOR DETAILS.
07	LAMINATE EXISTING WALL WITH 5/8" GWB.
08	PREP, PRIME, AND PAINT ALL SURFACES OF EXISTING EXTERIOR STEEL STAIR. MODIFY FOOTING AT FOUR POSTS. SEE STRUCTURAL DRAWINGS.
09	PROVIDE METAL COMPOSITE WALL PANEL COLUMN WRAP. SEE INTERIOR ELEVATIONS AND INTERIOR DETAILS.
10	FABRICATED ENGINEERED CANOPY AND FOOTING.
11A	RECESSED FIRE EXTINGUISHER CABINET
11B	SURFACE-MOUNTED FIRE EXTINGUISHER CABINET
12	3' X 3' ACCESS DOOR. PROVIDE LINTEL FOR NEW OPENING
12	PAINT EXISTING SOFFIT INCLUDING VERTICAL FACE OF WALL
13	REMOVE EXISTING AND PROVIDE NEW DOWNSPOUT. CONNECT TO EXISTING COLLECTOR BOX. TIE IN TO NEW STORM LINE PER SITE DRAWINGS
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15	PAINT UNDER-SIDE OF EXISTING EXPOSED STAIR STRUCTURE
16	12' X 4' MARKER BOARD WITH WOOD TRIM. SEE INTERIOR DETAILS

MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal:

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
ENLARGED PLANS & ELEVATIONS

Date: October 11, 2024

Drawn by: RWK

APN: 2226.2A

Drawing Number:
G 501

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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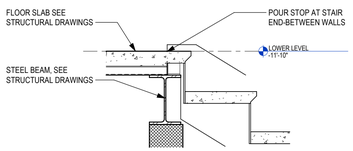
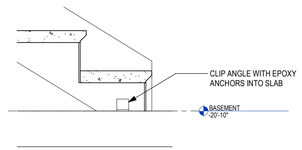
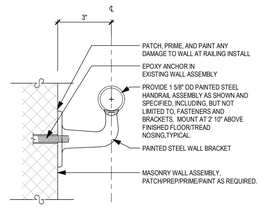


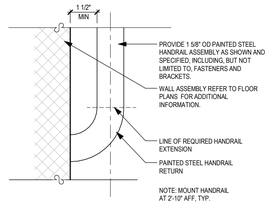
1 LOWER LEVEL STAIR DETAIL
SCALE: 1" = 1'-0"



2 BASEMENT STAIR DEAIL
SCALE: 1" = 1'-0"



3 TYP. RAILING ATTACHMENT AT MAS. ASSEMBLY
SCALE: 3" = 1'-0"



4 TYP. RAILING TERMINATION
SCALE: 3" = 1'-0"

NEW CONSTRUCTION KEYNOTES

01A	PROVIDE NEW STRUCTURAL SLAB ON DECK AND FLOOR FRAMING. SEE STRUCTURAL DRAWINGS.
01B	INFILL POOL AND ADJACENT PIPE TUNNEL. PROVIDE STRUCTURAL SLAB ON GRADE. SEE STRUCTURAL DRAWINGS. PRIOR TO INSTALLING STRUCTURAL FILL, INSTALL GEOTEXTILE FABRIC (WINFAB 450 OR EQUAL) AS BARRIER BETWEEN POOL TILE AND FILL.
02	FLAT PANEL DISPLAY BY OWNER. INSTALL (2) ROWS X 48" LONG FIRE-TREATED WOOD BACKING PLATE. COORDINATE EXACT LOCATION IN FIELD.
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04	PROVIDE OPERABLE PARTITION.
05	PROVIDE OPERABLE PARTITION POCKET DOOR FOR OPERABLE MARKERBOARD PARTITION.
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11A	RECESSED FIRE EXTINGUISHER CABINET
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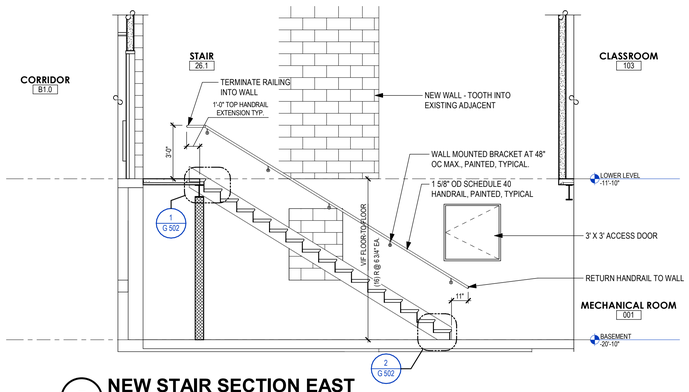
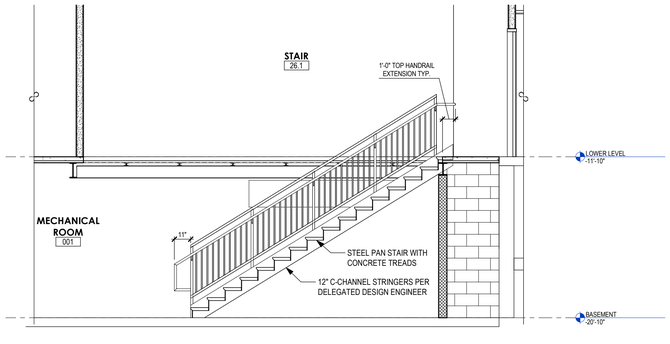
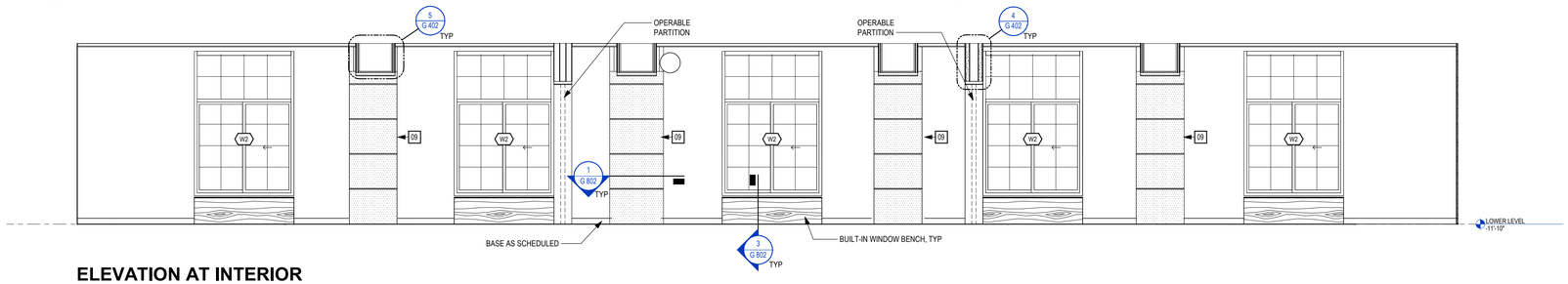
12	PAINT EXISTING SOFFIT INCLUDING VERTICAL FACE OF WALL
13	REMOVE EXISTING AND PROVIDE NEW DOWNSPOUT. CONNECT TO EXISTING COLLECTOR BOX. TIE IN TO NEW STORM LINE PER SITE DRAWINGS
14	FROST-PROTECTED ENTRANCE SLAB. SEE STRUCTURAL DETAILS. PROVIDE SLEEVE IN WALL FOR STORM LINE
15	PAINT UNDER-SIDE OF EXISTING EXPOSED STAIR STRUCTURE
16	12' X 4' MARKER BOARD WITH WOOD TRIM. SEE INTERIOR DETAILS



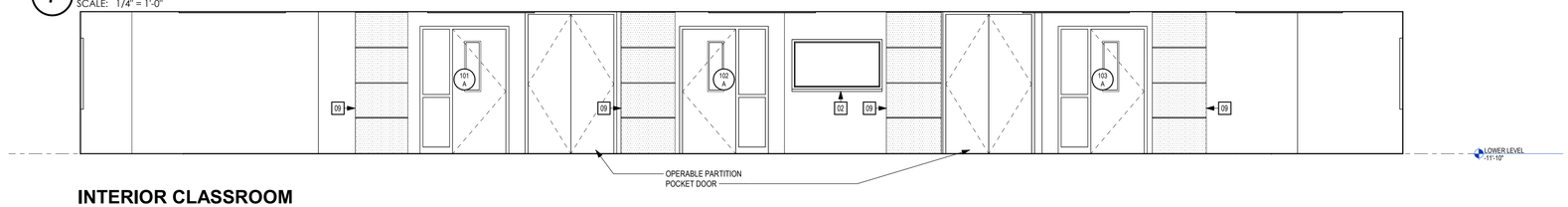
5 NEW STAIR SECTION EAST
SCALE: 1/4" = 1'-0"



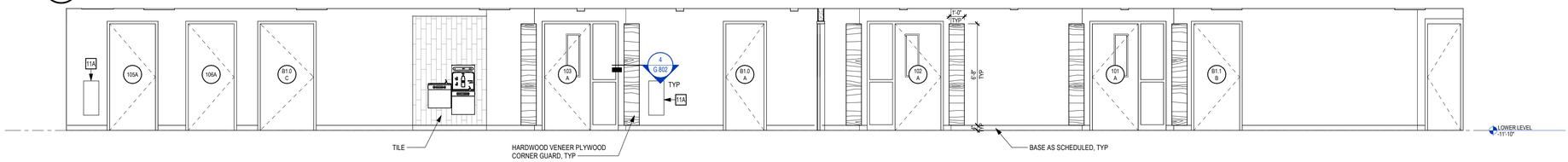
6 NEW STAIR SECTION WEST
SCALE: 1/4" = 1'-0"



7 ELEVATION AT INTERIOR CLASSROOM
SCALE: 1/4" = 1'-0"



8 INTERIOR CLASSROOM ELEVATION NORTH
SCALE: 1/4" = 1'-0"



9 INTERIOR ELEVATION AT CORRIDOR
SCALE: 1/4" = 1'-0"

5/21/2025 1:37:28 PM

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013
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MOSAIC ASSOCIATES
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Consultant:
Seal

Alterations to Administration Building

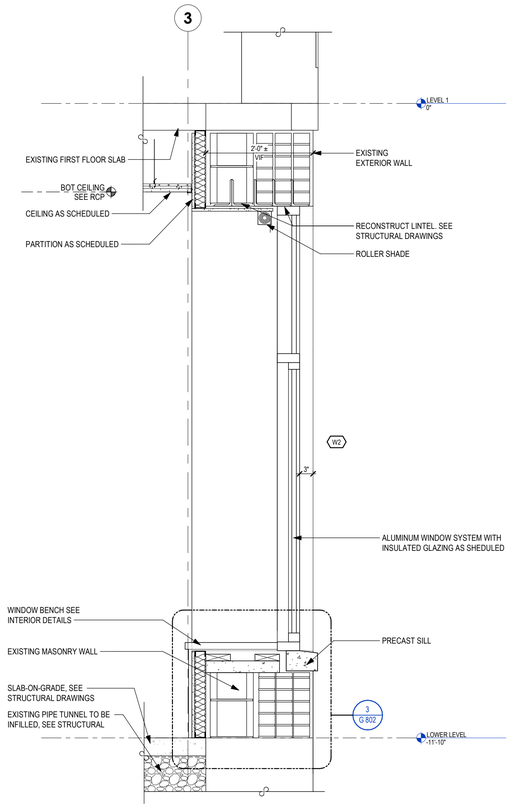
Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
CORRIDOR & STAIR ELEVATIONS

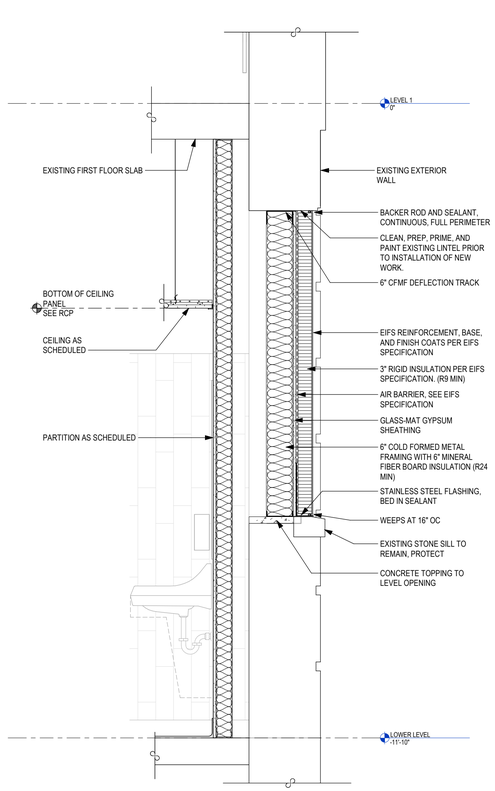
APN: 2226.2A | Date: October 11, 2024 | Drawn by: RWK/SL

Drawing Number:
G 502



WALL SECTION AT NEW CLASSROOM WINDOW

3 SCALE: 3/4" = 1'-0"



WALL SECTION AT WINDOW INFILL

2 SCALE: 3/4" = 1'-0"

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Consultant:

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

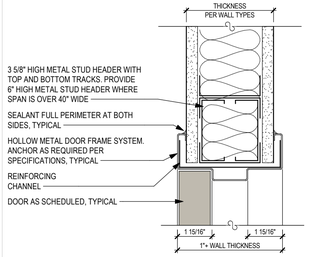
Drawing Title:
WALL SECTIONS

APN: 2226-2A | Date: October 11, 2024 | Drawn by: RWK

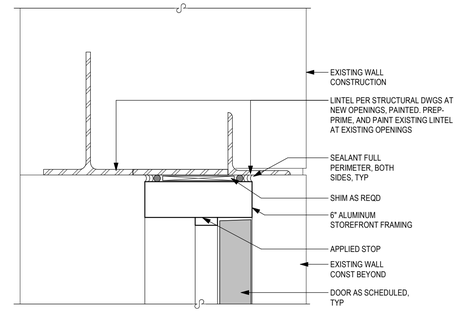
Drawing Number:

G 601

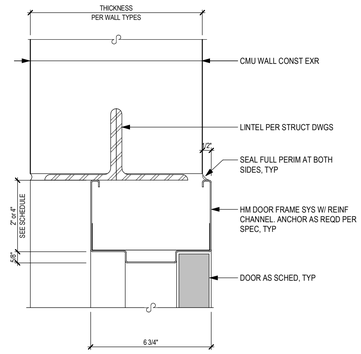
SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.



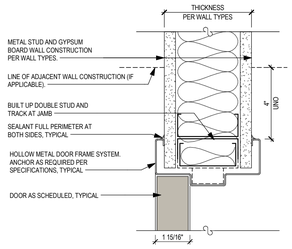
1 HEAD DETAIL
SCALE: 3" = 1'-0"



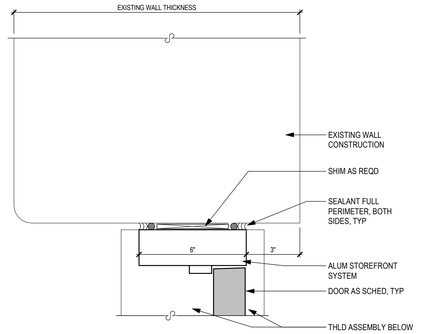
5 AL DOOR HEAD AT EXTERIOR MASONRY WALL
SCALE: 3" = 1'-0"



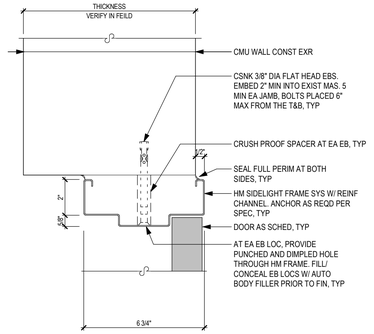
9 HM DOOR HEAD AT EXISTING MASONRY WALL
SCALE: 3" = 1'-0"



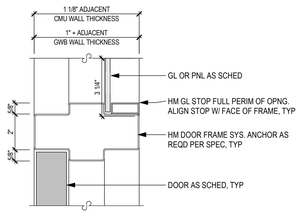
2 JAMB DETAIL
SCALE: 3" = 1'-0"



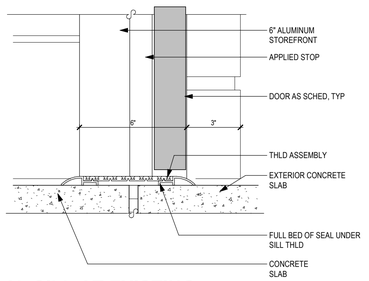
6 AL DOOR JAMB AT EXISTING MASONRY WALL
SCALE: 3" = 1'-0"



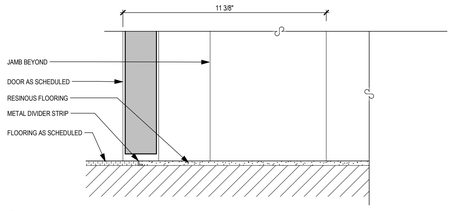
10 HM DOOR JAMB AT EXISTING MASONRY WALL
SCALE: 3" = 1'-0"



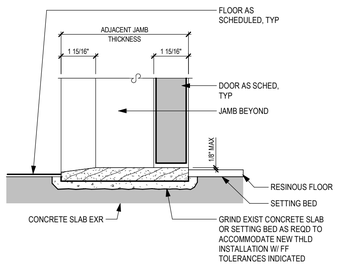
3 INTERMEDIATE DETAIL
SCALE: 3" = 1'-0"



7 AL SILL AT EXISTING MASIONRY WALL
SCALE: 3" = 1'-0"



4 SILL DETAIL
SCALE: 3" = 1'-0"



8 MARBLE SILL DETAIL
SCALE: 3" = 1'-0"

DOOR AND DOOR FRAME SCHEDULE

	DOOR								FRAME										
DOOR NUMBER	DOOR CONSTRUCTION	GLAZING MATERIAL	FACING AND FINISH	DOOR TYPE	PANEL 1 WIDTH	PANEL 2 WIDTH	HEIGHT	THICKNESS	FRAME CONSTRUCTION	GLAZING MATERIAL	FRAME FINISH	FRAME TYPE	HEAD DETAIL	JAMB DETAIL	INTERMEDIATE DETAIL	SILL DETAIL	THRESHOLD MATERIAL	FIRE RATING	HARDWARE SET	REMARKS
101 A	SC	FPSG-1	WS	D2	3'-0"		7'-0"	1 3/4"	HM	FPSG-2	MP	F3	1 / G701	2 / G701	3 / G701	4 / G701	--	20-45	3	
102 A	SC	FPSG-1	WS	D2	3'-0"		7'-0"	1 3/4"	HM	FPSG-2	MP	F3	1 / G701	2 / G701	3 / G701	4 / G701	--	20-45	3	
103 A	SC	FPSG-1	WS	D2	3'-0"		7'-0"	1 3/4"	HM	FPSG-2	MP	F3	1 / G701	2 / G701	3 / G701	4 / G701	--	20-45	3	
104 A	SC	--	WS	D1	3'-0"		7'-0"	1 3/4"	HM	--	MP	F1	1 / G701	2 / G701	--	8 / G701	MB	45	8	
105A	SC	--	WS	D1	3'-0"		7'-0"	1 3/4"	HM	--	MP	F1	1 / G701	2 / G701	--	8 / G701	MB	45	8	
106A	SC	--	WS	D1	3'-0"		7'-0"	1 3/4"	HM	--	MP	F1	1 / G701	2 / G701	--	8 / G701	MB	45	10	
107 A	SC	--	WS	D1	3'-0"		7'-0"	1 3/4"	HM	--	MP	F1	1 / G701	2 / G701	--	8 / G701	MB	--	9	
B1.0 A	SC	--	WS	D1	2'-6"		7'-0"	1 3/4"	HM	--	MP	F1	1 / G701	2 / G701	--	4 / G701 SIM	AL	45	11	
B1.0 B	SC	--	WS	D1	3'-0"		7'-0"	1 3/4"	HM	--	MP	F1	9 / G701	10 / G701	--	4 / G701 SIM	AL	45	7	
B1.0 C	SC	--	WS	D1	3'-6"		7'-0"	1 3/4"	HM	--	MP	F1	1 / G701	2 / G701	--	4 / G701 SIM	AL	45	6	
B1.0 D	FRP	INLG	FF	D4	3'-0"	3'-0"	7'-0"	1 3/4"	AL	--	AN	F2	5 / G701	6 / G701	--	7 / G701	AL	--	1	DAC, KRM
B1.1 A	SC	--	WS	D1	2'-2"		7'-0"	1 3/4"	EXR	--	MP	EXR	--	--	--	4 / G701	--	20	12	PAINT EXISTING FRAME
B1.1 B	SC	--	WS	D1	3'-0"		7'-0"	1 3/4"	HM	--	MP	F1	1 / G701	2 / G701	--	4 / G701	--	45	12	
B1.1 C	SC	FPSG-1	WS	D2	3'-0"	3'-0"	7'-0"	1 3/4"	HM	--	MP	F2	1 / G701	2 / G701 SIM	--	4 / G701	--	20	4	DE, MHO
B1.2 A	SC	LG	WS	D2	3'-0"	3'-0"	7'-0"	1 3/4"	HM	--	MP	F2	1 / G701	2 / G701	--	4 / G701	--	--	2	DAC
B1.2 B	SC	FRSG	WS	D2-D1	3'-0"	2'-4"	7'-0"	1 3/4"	HM	--	MP	F2	8 / G701	6 / G701	--	4 / G701	--	45	5	ACTIVE LEAF: D2, INACTIVE LEAF: D1; MHO
B1.3 A	FRP	INLG	FF	D4	3'-4"	2'-2"	7'-0"	1 3/4"	AL	IP	AN	F4	5 / G701	6 / G701	--	7 / G701	AL	--	1	DAC, KRM

DOOR and DOOR FRAME SCHEDULE NOTES

ABBREVIATIONS :

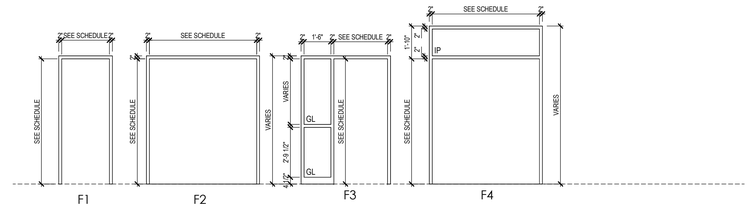
AL	ALUMINUM
AN	ALUMINUM, ANODIZED
DAC	DOOR ACCESS CONTROL
EX	EXISTING
EXMP	EXISTING METAL PAINTED
EXWP	EXISTING WOOD PAINTED
EXR	EXISTING TO REMAIN
FF	PRE-APPLIED FACTORY FINISH
FRP	FIBERGLASS REINFORCED POLYESTER WITH PRE APPLIED FACTORY FINISH
FPSG	FIRE PROTECTION RATED SAFETY GLAZING
FRSG	FIRE RESISTANCE RATED SAFETY GLAZING
HM	HOLLOW METAL
IRSG	IMPACT RATED SAFETY GLAZING
INSG	INSULATING SAFETY GLAZING
MB	MARBLE
M	METAL
MHO	MAGNETIC HOLD OPEN
MP	METAL PAINTED
WD	WOOD
WS	WOOD STAINED AND POLYURETHANED PRE APPLIED FACTORY FINISH

NOTES :

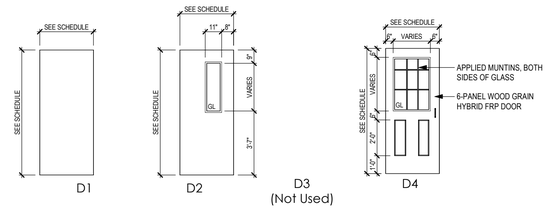
1. DOOR TYPE : DESIGNATION INDICATES DOOR TYPE NUMBER.
2. FRAME TYPE : DESIGNATION INDICATES FRAME TYPE NUMBER.
3. FRAME DETAILS : DESIGNATION INDICATES DETAIL NUMBER.
4. FIRE RATING : 20, 45, 60, 180 INDICATES REQUIRED MINUTES OF FIRE RATING. 20-45 INDICATES 20-MINUTE DOOR RATING AND 45-MINUTE SIDELIGHT GLASS RATING

DOOR AND DOOR FRAME NOTES

1. ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED
2. PLUS OR MINUS VERIFY IN FIELD (+/- V/F) NOTATIONS ARE USED IN DIMENSION STRINGS TO ACCOUNT FOR VARIATIONS IN EXISTING CONDITIONS. THE (SUB) CONTRACTOR SHALL VERIFY ALL +/- V/F DIMENSIONS PRIOR TO BIDS, TYPICAL
3. SEE DOOR AND FRAME SCHEDULE FOR ANY FIRE RATING, TYPICAL
4. SEE FRAME DETAILS AND WALL TYPE LEGEND FOR REQUIRED DEPTH OF DOOR FRAMES, TYPICAL
5. SHIM ALL DOOR FRAMES AS REQUIRED, TYPICAL
6. PROVIDE SEALANT FULL PERIMETER OF DOOR FRAMES AT EACH SIDE, TYPICAL
7. PROVIDE VERTICAL AND HORIZONTAL CHANNEL REINFORCING AS REQUIRED, TYPICAL
8. PROVIDE FRAME ANCHORS TO NEW CONSTRUCTION AS REQUIRED, TYPICAL. SEE SPECIFICATIONS
9. PROVIDE 4" DIAMETER SAFETY GLAZING DECAL AS REQUIRED PER NEW YORK STATE DEPARTMENT OF LABOR INDUSTRIAL CODE RULE NUMBER 47
10. STOPS NOT SHOWN FOR CLARITY
11. "GL" INDICATES GLAZING. REFER TO SCHEDULE FOR GLAZING TYPES



FRAME TYPES
SCALE: 1/4" = 1'-0"



DOOR TYPES
SCALE: 1/4" = 1'-0"

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Consultant:
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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
DOOR TYPES, DETAILS, & SCHEDULE

Drawn by: RWK
Date: October 11, 2024
APN: 2224.2A

Drawing Number:
G 701

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013
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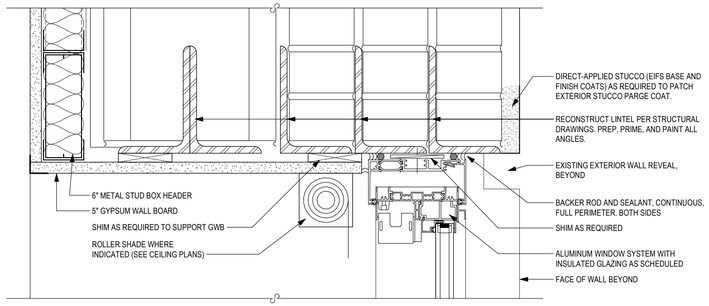
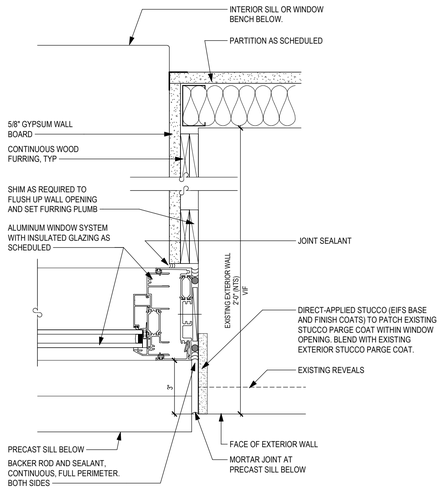


1 HEAD DETAIL

SCALE: 3" = 1'-0"



3 JAMB DETAIL

SCALE: 3" = 1'-0"

WINDOW SCHEDULE

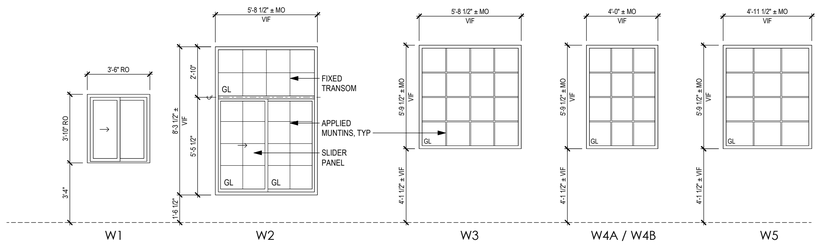
WINDOW TYPE	FRAME CONSTRUCTION	GLAZING TYPE	FRAME FINISH	WINDOW OPERATION	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	FIRE RATING	REMARKS
W1	AL	LG	FF	SL	2/G 702	4/G 702	6/G 702	-	ALUMINUM SLIDING SERVICE WINDOW
W2	AL	INSG-1	AN	SL	1/G 702	3/G 702	7/G 702	-	
W3	AL	INSG-1	FF	FX	1/G 702	3/G 702	5/G 702	-	
W4A	AL	INSG-1	FF	FX	1/G 702	3/G 702	5/G 702	-	
W4B	AL	INSG-2	FF	FX	1/G 702	3/G 702	5/G 702	-	
W5	AL	INSG-1	FF	FX	1/G 702	3/G 702	5/G 702	-	

WINDOW SCHEDULE NOTES

1. ABBREVIATIONS:
   AL ALUMINUM
   AN ALUMINUM, ANODIZED
   INSG INSULATED SAFETY GLAZING
2. WINDOW SASH OPERATION:
   FX FIXED
   SL SLIDER
   CS CASEMENT
3. FRAME DETAILS: DESIGNATION INDICATES DETAIL NUMBER
4. WINDOW TYPE: DESIGNATION INDICATES WINDOW TYPE NUMBER. SEE WINDOW TYPES FOR ADDITIONAL INFORMATION

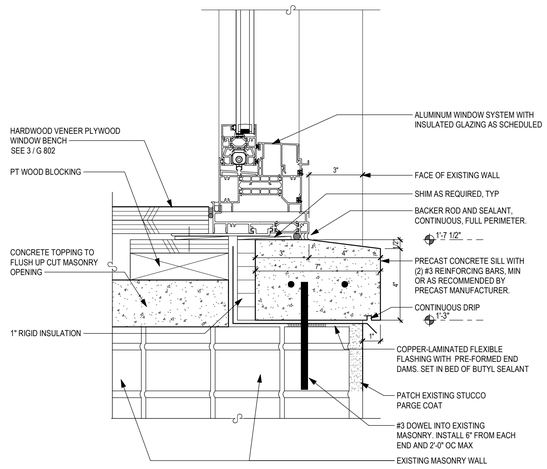
GENERAL WINDOW NOTES

1. SHIM ALL WINDOWS AS REQUIRED
2. PROVIDE SEALANT AT FULL PERIMETER, BOTH SIDES OF WALL.
3. FILL ALL EXTERIOR FRAMES VIODS WITH BATT INSULATION.
4. COORDINATE WINDOW UNIT SIZES WITH MASONRY OPENING DIMENSIONS AND DETAILS.
5. FIELD VERIFY SIZES OF EXISTING ROUGH OPENINGS AND ADJUST UNIT SIZES ACCORDINGLY.
6. SEE ELEVATIONS FOR OPERATION DIRECTION OF EACH OPERABLE WINDOW.
7. SEE CODE COMPLIANCE FLOOR PLANS FOR EMERGENCY RESCUE WINDOW (RW) LOCTIONS. PROVIDE STICKER AT EACH. EVERY RESCUE WINDOW SHALL HAVE A MINIMUM CLEAR OPENING AREA OF 5 S.F., AND MINIMUM DIMENSION OF 24". WINDOW HARDWARE SHALL BE A MAXIMUM OF 54" A.F.F.



WINDOW TYPES

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



7 SILL DETAIL

SCALE: 3" = 1'-0"

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Consultant:

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
WINDOW TYPES, DETAILS, & SCHEDULE

Drawn by: RWK

Date: October 11, 2024

APN: 222A-2A

Drawing Number:

G 702

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013

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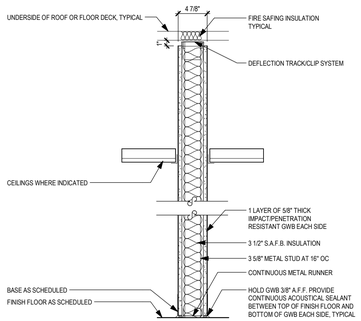
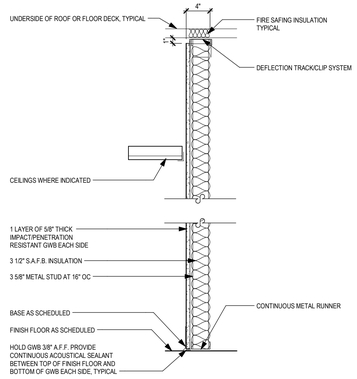
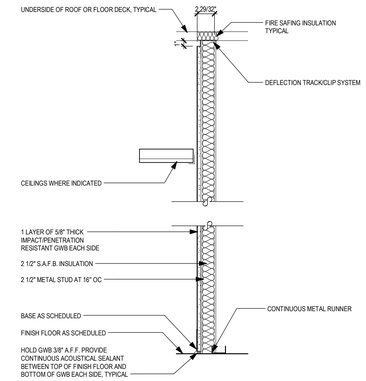
INTERIOR WALL TYPES



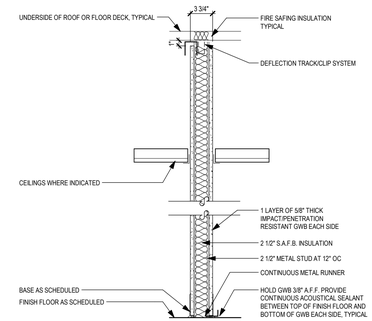
A — NON-RATED 3 5/8" STUD PARTITION NONBEARING



B — NON-RATED 3 5/8" STUD PARTIOTION, SINGLE SIDED



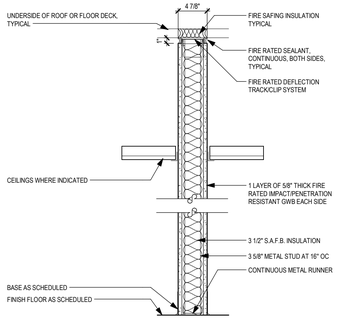
D — NON-RATED 2 1/2" STUD PARTIOTION, ONE-SIDED NONBEARING



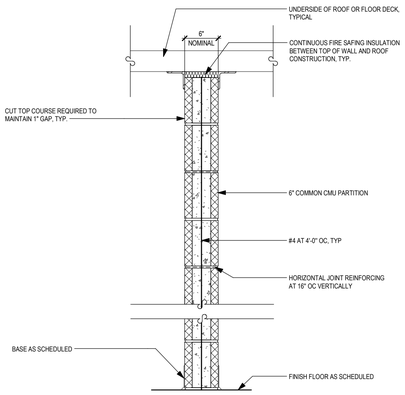
F — NON-RATED 2 1/2" STUD PARTITION NONBEARING

GENERAL WALL TYPE NOTES

1. ALL PARTITIONS SHALL BE FROM STRUCTURE BELOW TO UNDERSIDE OF STRUCTURAL DECK ABOVE,TYPICAL UNLESS NOTED OTHERWISE.
2. PROVIDE FIRE STOPPING, FIRE SAFING AND FIRE RATED SEALANT AT ALL VOIDS AND PENETRATIONS IN FIRE RATED ASSEMBLIES. ASSUME ALL EXISTING TO REMAIN WALLS ARE FIRE RATED.
3. WHERE FIRE RATED PARTITIONS ARE LOCATED UNDER STEEL BEAMS OR JOISTS, EXTEND FIRE RATED CONSTRUCTION TO UNDERSIDE OF STRUCTURAL DECK ABOVE BY PROVIDING FIRE RATED CONSTRUCTION AROUND BEAM OR JOIST EQUAL TO FIRE RATING OF WALL BELOW.
4. MAINTAIN CONTINUITY OF ALL FIRE RATED PARTITIONS THROUGH NON RATED PARTITIONS, WHERE NON RATED PARTITIONS ABUT OR BEHIND CASEWORK, FIRE EXTINGUISHERS, ELECTRICAL PANELS, ETC. TYPICAL.
5. PROVIDE ALL CUT UNITS, ADDITIONAL FRAMING/BLOCKING, SEALANT, FIRE SAFING ETC. AS REQUIRED TO SEAL AROUND OR BETWEEN ALL CONSTRUCTION ELEMENTS AFFECTED BY NEW WALL CONSTRUCTION, TYPICAL UNLESS NOTED OTHERWISE.
6. SEE ROOM FINISH SCHEDULE FOR WALL TILE, VINYL WALL COVERING AND PAINT LOCATIONS, TYPICAL.
7. PROVIDE CONTINUOUS TAPEABLE EDGE BEAD AT ALL GYPSUM WALLBOARD LOCATIONS ABUTTING NEW OR EXISTING DISSIMILAR MATERIALS, TYPICAL UNLESS NOTED OTHERWISE.
8. SEE STRUCTURAL DRAWINGS FOR BOND BEAMS, REINFORCING, GROUTING, BRACING AND LOAD BEARING ASSEMBLIES.
9. INSTALL CONTINUOUS 6" WIDE 16 GA. GALVANIZED STEEL STRAP BLOCKING ACROSS FACE OF STUDS AT NEW METAL STUD WALLS TO RECEIVE NEW CASEWORK, SHELVING, TALL CASEWORK, TOILET PARTITIONS, TOILET ACCESSORIES, LOCKERS OR OTHER WALL MOUNTED/SECURED EQUIPMENT. COORDINATE IN FIELD EXACT LOCATIONS WITH PRIME CONTRACTOR AND SUBCONTRACTOR. PROVIDE TYPICAL STEEL STRAP BLOCKING AT NEW CASEWORK LOCATIONS AS FOLLOWS:
   - A. TOP AND BOTTOM OF BASE CABINETS
   - B. TOP AND BOTTOM OF WALL CABINETS
   - C. TOP, BOTTOM AND MIDPOINT OF TALL CABINETS
   - D. TOP, BOTTOM AND MIDPOINT OF COUNTERTOP SUPPORTS
   - E. TOP, BOTTOM AND MIDPOINT OF SHELF STANDARDS
10. FIRE RATED WALL CONSTRUCTION SHALL BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING:
    - A. LOCATE AT ACCESSIBLE CONCEALED FLOOR, ATTIC OR FLOOR-CEILING SPACES
    - B. LOCATE WITHIN 15 FEET OF EACH WALL END AND AT 30 FEET OC BETWEEN WALL ENDS
    - C. LETTERING SHALL BE 3" HIGH WITH 3/8" WIDE STROKE MINIMUM IN CONTRASTING COLOR
    - D. INCORPORATE WORDING "FIRE AND/OR SMOKE BARRIER-PROTECT ALL OPENINGS"
11. WHERE FINISH SCHEDULE AND/OR INTERIOR ELEVATIONS CALL FOR TILE, PROVIDE TILE BACKING PANEL IN LIEU OF GYPSUM WALL BOARD



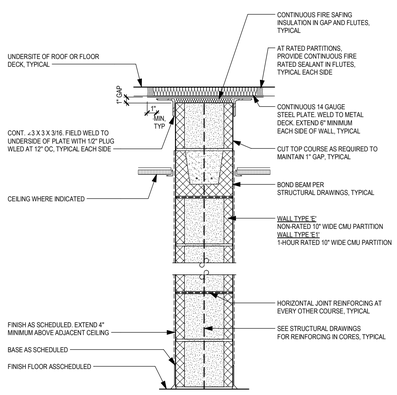
A1 — 1 HOUR RATED 3 5/8" STUD PARTITION NONBEARING



C — NON-RATED 6" CMU NONBEARING

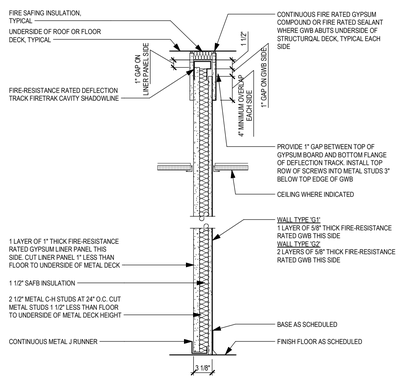
C1 — 1 HOUR RATED 6" CMU U.L. DESIGN NO. U906 NONBEARING

C2 — 2 HOUR RATED 6" CMU U.L. DESIGN NO. U906 NONBEARING



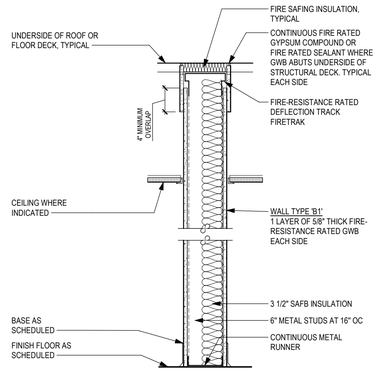
E — NON-RATED 10" CMU NONBEARING

E1 — 1 HOUR RATED 10" CMU U.L. DESIGN NO. U906 NONBEARING



G1 — 1-HOUR RATED SHAFTWALL PARTITION UL DESIGN NO. U415 - NONBEARING

G2 — 2-HOUR RATED SHAFTWALL PARTITION UL DESIGN NO. 4415 - NONBEARING



H1 — 1-HOUR RATED 6" STUD PARTITION NONBEARING

5/21/2025 1:37:37 P.M.

MOSAIC ASSOCIATES
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The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal:

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

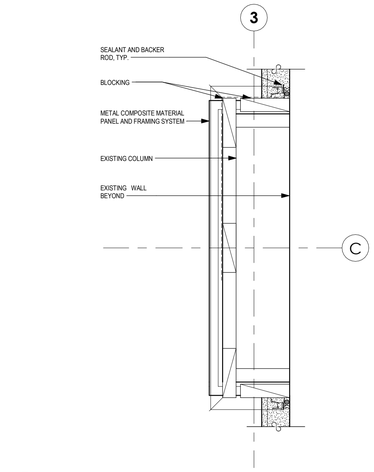
Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
WALL TYPES

Drawn by: RWK
Date: October 11, 2024
APN: 2224.2A

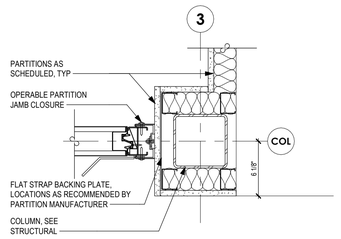
Drawing Number:
G 801

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.



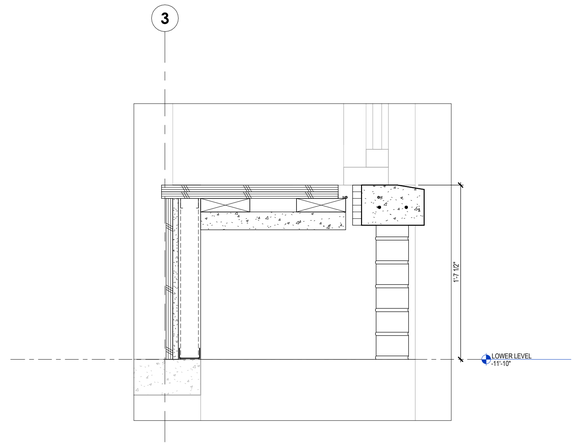
1 COLUMN WRAP DETAIL

SCALE: 1 1/2" = 1'-0"



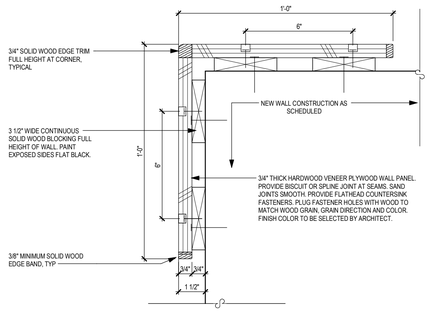
2 OPERABLE PARTITION JAMB DETAIL

SCALE: 1 1/2" = 1'-0"



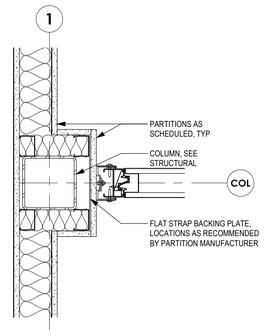
3 WINDOW BENCH DETAIL

SCALE: 1 1/2" = 1'-0"



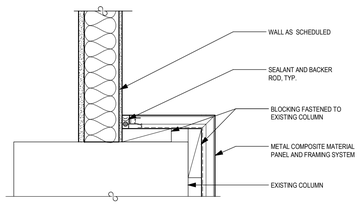
4 VENEER PLYWOOD CORNER GUARD DETAIL

SCALE: 3" = 1'-0"



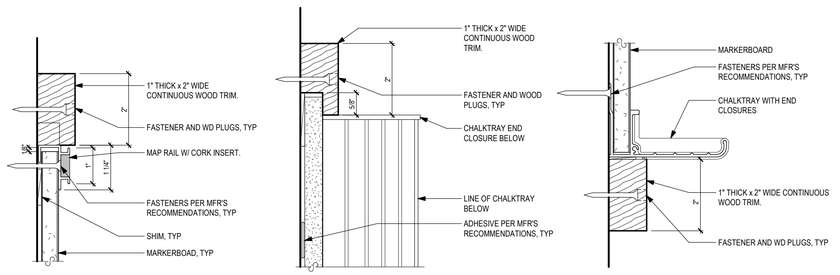
5 COLUMN WRAP DETAIL 2

SCALE: 1 1/2" = 1'-0"



6 COLUMN WRAP DETAIL AT GYP.

SCALE: 1 1/2" = 1'-0"



7 MARKER BOARD DETAILS

SCALE: 6" = 1'-0"

5/21/2025 1:37:39 P.M.

MOSAIC ASSOCIATES
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Consultant:

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
INTERIOR DETAILS

APN: 2226.2A | Date: October 11, 2024 | Drawn by: RWK

Drawing Number:
G 802

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
BASEMENT						
001	**MECHANICAL ROOM**	PT CONC	--	PT	--	
LOWER LEVEL						
26.1	**STAIR**	CONC SLR	--	PT	--	
101	**CLASSROOM**	LVT	RB	PT	APC / PT / PSMEP	NOTE 1
102	**CLASSROOM**	LVT	RB	PT	APC / PT / PSMEP	NOTE 1
103	**CLASSROOM**	LVT	RB	PT	APC / PT / PSMEP	NOTE 1
104	**TOILET**	RES	RES	CT / PT / PWL	APC	NOTE 2, NOTE 3
105	**TOILET**	RES	RES	CT / PT	APC	NOTE 2
106	**LOCKER**	RES	RES	CT / PT / PWL	APC	NOTE 2, NOTE 3
107	**TOILET**	RES	RES	CT / PT / PWL	APC	NOTE 2, NOTE 3
B1.0	**CORRIDOR**	RES / CPT	RB	PT / PWL / CT	APC / LWC	NOTE 1 (AT CPT), NOTE 2 (AT RES), NOTE 3
B1.0 A	**CUST.**	PT CONC	RB	PT	APC	
B1.1	**CORRIDOR**	RES	RB	EXR / PT	APC / LWC	NOTE 1 (AT CPT), NOTE 2 (AT RES), NOTE 3
B1.1 B	**CLOS.**	LVT	RUB	PT	APC	NOTE 1
B1.1A	**CLOS.**	LVT	RUB	PT	APC	NOTE 1
B1.2	**LOBBY**	RES	RUB	PT / PWL	APC	NOTE 2, NOTE 3
B1.3	**VESTIBULE**	CPT	RUB	PT / PWL	APC	NOTE 1, NOTE 3

ROOM FINISH ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING SYSTEM
CONC	CONCRETE
CPT	CARPET TILE
CT	CERAMIC TILE
EXR	EXISTING TO REMAIN
LVT	LUXURY VINYL TILE
LWC	LINEAR WOOD CEILING
PME	PATCH AND FINISH TO MATCH EXISTING ADJACENT
PT	PAINT
PSMEP	PAINT EXPOSED STRUCTURE AND MEP
PWL	PLASTER WALL LINER
RES	RESINOUS
RB	RUBBER WALL BASE
SLR	SEALER

FINISH SCHEDULE REMARKS COLUMN NOTES

NOTE 1: INSTALL SELF-LEVELING HYDRAULIC CEMENT UNDERLAYMENT SYSTEM THROUGHOUT

NOTE 2: INSTALL SELF-LEVELING UNDERLAYMENT SYSTEM (AS PART OF RESINOUS FLOORING SYSTEM) THROUGHOUT

NOTE 3: INSTALL PLASTER WALL LINER (SPECIFICED IN SECTION 092900) AT ALL EXISTING WALLS AND NEW CMU WALLS NOT CONCEALED BY NEW CONSTRUCTION

ROOM FINISH NOTES

1. AT ALL AREAS DISTURBED BY CONSTRUCTION, PATCH AND REFINISH TO MATCH EXISTING ADJACENT FINISHES.
2. CLEAN, PATCH AND PREPARE EXISTING SUBSTRATES TO RECEIVE NEW FINISHES. COMPLY WITH MANUFACTURER'S REQUIREMENTS FOR PREPARATION AND INSTALLATION OF ALL FINISHES. VERIFY PROPER ENVIRONMENTAL CONDITIONS AND SUBSTRATE CONDITIONS PRIOR TO INSTALLATION.
3. PAINT ALL NEW WORK EXCEPT PRE FINISHED ITEMS, TYPICAL.
4. AT CHANGE OF FLOOR MATERIALS, PROVIDE RUBBER OR METAL TRANSITION TRIM, UNLESS OTHERWISE NOTED
5. AT DOOR OPENINGS, CENTER CHANGE IN FLOOR FINISH (EITHER IN TYPE OR COLOR) UNDER DOOR IN CLOSED POSITION.
6. REFER TO FLOOR PLANS, REFLECTED CEILING PLANS, INTERIOR ELEVATIONS, AND BUILDING SECTIONS FOR FOR ADDITIONAL INFORMATION.
7. WALL FINISH SHALL EXTEND TO 6" MIN ABOVE CEILINGS, UNLESS NOTED OTHERWISE.

MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
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Consultant:

Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

Drawing Title:
FINISH SCHEDULE

APN: 2226.2A | Date: October 11, 2024 | Drawn by: RK

Drawing Number:
G 1000

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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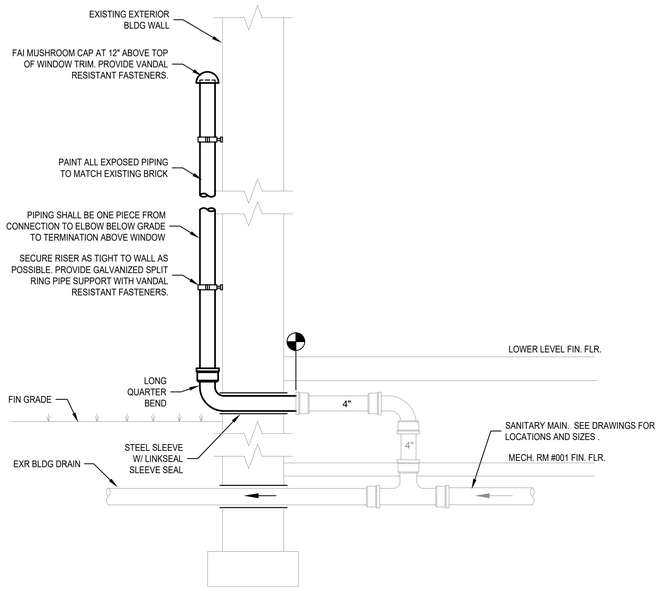
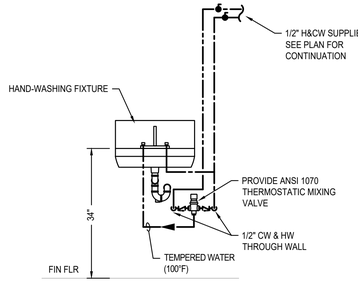


1 FRESH AIR INTAKE (F.A.I.) DETAIL

SCALE: NTS



2 LAVATORY SUPPLY PIPING DETAIL

SCALE: NTS

NOTE:
COORDINATE MIXING VALVE LOCATION TO COMPLY WITH A.D.A. CLEARANCE REQUIREMENTS

GENERAL NOTES - NEW INSTALLATIONS

1. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO EXISTING SYSTEMS AS NECESSARY FOR CONTINUATION OF OPERATIONS.
2. CONTRACTOR SHALL COORDINATE INSTALLATION OF WORK WITH EXISTING STRUCTURE AND FIELD CONDITIONS. MODIFY POINTS OF CONNECTION TO EXISTING SYSTEMS AS NECESSARY FOR JOB CONDITIONS. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO NEW SYSTEMS AS NECESSARY FOR WORK CONTINUATION.
3. COORDINATE ALL WORK WITH THE FUNCTIONS OF ADJACENT AREAS. ALL EXISTING SYSTEMS NOT IN THE CONSTRUCTION PHASE SHALL REMAIN IN SERVICE. ALL SYSTEM SHUTDOWNS SHALL BE COORDINATED AND OCCUR ONLY WITH THE WRITTEN APPROVAL OF THE FACILITY.
4. DO NOT SCALE THESE DRAWING FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
5. DO NOT INSTALL ANY PLUMBING WORK ABOVE ELECTRICAL PANELS. DO NOT INSTALL ANY PLUMBING WORK ABOVE OR THROUGH ELEVATOR EQUIPMENT ROOM, UNLESS SPECIFICALLY SERVING EQUIPMENT ROOM.
7. THIS CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING MADE NECESSARY BY HIS WORK.
6. PROVIDE SLAB CUTTING AND PATCHING AS NECESSARY TO MAKE CONNECTIONS TO UNDER FLOOR PIPING. (UNLESS NOTED ON THE GENERAL CONTRACT PLANS).
7. IN ALL AREAS WHERE PATCHING IS REQUIRED, THE CONTRACTOR SHALL PATCH THE SUBSURFACE WHERE THE NEW SURFACE IS TO BE FINISHED BY THE GENERAL CONTRACTOR. THIS SUBSURFACE MUST BE PROVIDED SO THAT IT DOES NOT INHIBIT THE INSTALLATION OF OR AFFECT THE APPEARANCE OF THE NEW FINISH. IF A NEW FINISH WILL NOT BE PROVIDED BY THE GENERAL CONTRACTOR, THE CONTRACTOR IS RESPONSIBLE TO PATCH TO MATCH THE SURROUNDING SURFACE. (UNLESS NOTED BY THE GENERAL CONTRACTORS PLANS).
8. CEILINGS THAT NEED TO BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PIPING OR EQUIPMENT AND ARE NOT SCHEDULED TO BE REMOVED ON THE ARCHITECTURAL DRAWINGS SHALL BE REMOVED AND REPLACED BY THIS CONTRACTOR. COORDINATE THE REMOVAL AND THE REPLACEMENT WITH THE ELECTRICAL CONTRACTOR AND THE FIRE PROTECTION CONTRACTOR.
9. SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN NON-RATED WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN FIRE-RATED WALLS AND FLOORS, APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATION, MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.
10. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR DISINFECTION OF POTABLE WATER SYSTEM (NYSPC 610): NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE PURGED OF DELETERIOUS MATTER AND DISINFECTED PRIOR TO UTILIZATION. THE METHOD TO BE FOLLOWED SHALL BE IN ACCORDANCE WITH THE APPLICABLE NEW YORK STATE DEPARTMENT OF HEALTH REGULATIONS.
11. THIS CONTRACTOR SHALL BE RESPONSIBLE TO HIRE AND PAY AN INDEPENDENT TESTING LABORATORY TESTING AGENCY TO CONDUCT WATER LEAD TESTING FOR ALL NEW PIPING INSTALLED UNDER THIS CONTRACT. PROVIDE TO THE ENGINEER TWO COPIES OF THE FINAL REPORTS ONE FOR THE OWNER AND THE OTHER FOR THE ENGINEER. ALL TESTING SHALL BE IN ACCORDANCE WITH NYSDOH LEAD IN WATER REGULATIONS (10NYCRR 67-4)
12. THIS CONTRACTOR SHALL PROVIDE FOR PLUMBING FITTINGS AND COMPONENTS MEETING NSF/ASME 372 REQUIREMENTS FOR LEAD.

GENERAL REMOVAL NOTES

1. ALL REMOVAL WORK SHALL BE COORDINATED WITH THE WORK OF THE OTHER TRADES.
2. THE OWNER SHALL HAVE THE OPTION TO RETAIN ANY FIXTURES, CONTROLS, PIPING, AND ACCESSORIES SCHEDULED TO BE REMOVED.
3. THROUGHOUT THE REMOVAL PROCESS, IT IS OF PARAMOUNT IMPORTANCE THAT ANY AND ALL SYSTEMS SHALL BE MAINTAINED IN PROPER WORKING ORDER FOR AS LONG AS PRACTICAL.
4. THROUGHOUT THE REMOVAL PROCESS ALL AREAS OF WORK SHALL BE KEPT FREE OF DEBRIS AND IN A CLEAN AND ORDERLY STATE.
5. ALL CUTTING REQUIRED TO SAFELY AND PROPERLY REMOVE PIPING ETC., SHALL BE PERFORMED BY THIS CONTRACTOR, UNLESS SPECIFICALLY CALLED OUT BY OTHERS.
6. REMOVALS SHALL BE TO BEYOND FINISHED SURFACES TO ALLOW PATCHING AND FINISHING TO MATCH ADJACENT SURFACES.
7. REMOVE ALL COLD WATER, HOT WATER, RE-CIRCULATION PIPING, AS INDICATED ON PLANS. REMOVE ALL PIPING BACK TO BRANCH CONNECTION WITHIN 2" OF MAIN OR AS CLOSE AS POSSIBLE TO AVOID DEAD LEGS AND REDUCE RISK OF WATER BORN PATHOGENS. PROVIDE TEMPORARY OR PERMANENT CAPPED END ON PIPING. PIPING SHALL NOT BE LEFT OPEN ENDED.
8. WHERE PIPING IS BEING REMOVED THROUGH AND EXISTING WALL, THE CORE-DRILLED HOLE OR SLEEVE SHALL BE SEALED WITH A SUITABLE METHOD OF SEALING.
9. WHERE PIPING IS REMOVED THROUGH FIRE RATED CONSTRUCTION THE ABANDONED WALL PENETRATIONS SHALL BE SEALED WITH THE APPROPRIATE FIRE RATED SEALING ELEMENTS.
10. AVOID DEAD ENDS OF 24" LONG OR GREATER WHEN REMOVING SANITARY OR STORM WATER PIPING. PROVIDE SUITABLE PLUG OR CAP ON PIPING TO REMAIN. WHERE INDICATED PROVIDE A FLOOR CLEANOUT.
11. WHERE PIPING BELOW GRADE IS TO BE REMOVED, PROVIDE SUITABLE SHORING OF TRENCH WALLS AND DE-WATERING EQUIPMENT AS NECESSARY. TRENCHES SHALL BE PROPERLY SHORED AND DE WATERED THROUGHOUT THE REMOVAL PROCESS. (INFILL OF THE PIPING WITH CONCRETE OR OTHER MATERIALS SHALL NOT BE ACCEPTABLE).
12. WHERE VENT TERMINALS AND ROOF DRAINS ARE REMOVED, THE ROOF OPENING SHALL BE PATCHED AND REPAIRED SO THE BUILDING ROOF WILL SHED WATER.
13. CEILINGS THAT NEED TO BE TEMPORARILY REMOVED TO ALLOW FOR THE REMOVAL OF PIPING OR EQUIPMENT AND ARE NOT SCHEDULED TO BE REMOVED ON THE ARCHITECTURAL DRAWINGS SHALL BE REMOVED AND REPLACED BY THIS CONTRACTOR. COORDINATE THE REMOVAL AND THE REPLACEMENT WITH ALL TRADES IMPACTED.
14. WHERE PIPING TO BE REMOVED IS DISCOVERED TO BE IN AN UNSAFE LOCATION OR IS IN A STATE WHICH MAY POSE A HEALTH CARE RISK, THE ARCHITECT AND THE ENGINEER SHALL BE INFORMED IMMEDIATELY. DIRECTION AS TO HOW TO PROCEED SHALL BE DETERMINED ON A CASE BY CASE BASIS.
15. ALL NATURAL GAS AND LIQUEFIED PROPANE SHALL BE REMOVED AS INDICATED, THE PIPING SHALL FIRST BE PURGED OF GAS PER THE REQUIREMENTS OF NFPA 54 AND 58.

DRAINAGE

	FLOOR DRAIN OR FLOOR SINK
	ROOF DRAIN
	FLOOR CLEANOUT
	GRADE CLEANOUT
	VENT TERMINAL THROUGH ROOF
	END OF LINE CLEANOUT

VALVES

	BALL VALVE
	GATE VALVE
	OS & Y GATE VALVE
	BALANCING VALVE
	SOLENOID VALVE
	PLUG VALVE
	CHECK VALVE
	BUTTERFLY / WAFER VALVE
	PRESSURE REDUCING VALVE

FITTINGS AND ACCESSSORIES

	SHOCK ARRESTOR
	STRAINER
	FREEZE PROOF WALL HYDRANT
	FREEZE PROOF WALL HYDRANT (RECESSED)
	HOSE BIBB
	UNION
	REDUCER
	PRESSURE GUAGE
	AQUASTAT CONTROLLER
	THERMOMETER
	PIPE CAPPED END
	PIPE /ELBOW TURNING UP
	PIPE/ELBOW DROP/RISE
	DOWNWARD TEE

GENERAL

(#)	REMOVAL NOTE
(#)	INSTALLATION NOTE
	REMOVE / CONNECT TO
	EDGE BREAK LINE
	PIPING BREAK

PIPING

	EXISTING PIPING TO REMAIN
	PIPING BEING REMOVED
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
SAN	SANITARY ABOVE FLOOR
SAN	SANITARY BELOW FLOOR
	SANITARY VENT
ST	STORM ABOVE FLOOR
ST	STORM BELOW FLOOR
G	NATURAL GAS
LPG	LIQUIFIED PETROLEUM GAS
CD	CONDENSATE DRAIN
A	COMPRESSED AIR
AW	ACID WASTE ABOVE FLOOR
AW	ACID WASTE BELOW FLOOR
AW	ACID VENT

ABBREVIATIONS

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
AV	ACID VENT
AW	ACID WASTE
BCO	BASE CLEANOUT
BF	BELOW FLOOR
BFP	BACKFLOW PREVENTER
CO2	CARBON DIOXIDE
CA	COMPRESSED AIR
CLG	CEILING
CO	CLEAN OUT
COND	CONDUCTOR
CW	COLD WATER
CTE	CONNECT TO EXISTING
CI	CAST IRON
DIA	DIAMETER
DN	DOWN
DF	DRINKING FOUNTAIN
DWG	DRAWING
ECO	END OF LINE CLEANOUT
EWC	ELECTRIC WATER COOLER
EXR	EXISTING TO REMAIN
FAI	FRESH AIR INLET
FCO	FLUSH FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR	FLOOR
FF	FINISH FLOOR
FFE	FINISHED FLOOR ELEVATION
G	GAS
GA	GAUGE
GPR	GAS PRESSURE REGULATOR
GC	GENERAL CONTRACTOR
HB	HOSE BIBB
HW	HOT WATER
HWR	HOT WATER RE-CIRCULATION
IA	INSTRUMENT AIR
INV EL	INVERT ELEVATION
IW	INDIRECT WASTE
LAV	LAVATORY
LDR	LEADER
LPG	LIQUEFIED PETROLEUM GAS
MA	MEDICAL AIR
MAX	MAXIMUM
MB	MOP BASIN
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MIN	MINIMUM
MV	MEDICAL VACUUM
N	NITROGEN
N2O	NITROUS OXIDE
OS&Y	OUTSIDE SPINDLE & YOKE
O2	OXYGEN
PC	PLUMBING CONTRACTOR
PG	PRESSURE GAUGE
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQ IN
PO	PLUGGED OUTLET
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE ZONE
SA	SHOCK ARRESTOR
SAN	SANITARY
SH	SHOWER
SK	SINK
ST	STORM
TEMP	TEMPERATURE
TYP	TYPICAL
UR	URINAL
V	VENT
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W	WASTE
WAGD	WASTE ANESTHESIA GAS DISPOSAL
WC	WATER CLOSET
WCO	WALL CLEANOUT

PLUMBING PIPING SPECIALTIES SCHEDULE

TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION
FD-1	FLOOR DRAIN	ZURN ZN415	SEE PLAN	SEE PLAN	NA	NA	PROVIDE P-TRAP WITH Z1072 Z SHIELD BARRIER TRAP SEAL DEVICE.	DURA COATED CAST IRON BODY, BOTTOM OUTLET, MEMBRANE CLAMP ADJUSTABLE COLLAR, WEEP HOLES NICKEL BRONZE STRAINER
FCO-1	FLOOR CLEANOUT	ZURN Z 1400 LEVEL TROL WITH ROUND COVER	SEE PLAN	NA	NA	NA	PROVIDE ZN DURA COATED NICKEL BRONZE TOP	ADJUSTABLE FLOOR CLEANOUT WITH ROUND COVER

PLUMBING FIXTURE SCHEDULE

TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION
WC-1	FLOOR MOUNTED WATER CLOSET	GERBER NORTH POINT #G0025833	4"	2"	1"	NA	SLOAN ROYAL MODEL 111-1.28 FLUSH VALVE, CHURCH 5321.112 SEAT	VITREOUS CHINA, WATER SAVER 1.28 GPF, SIPHON JET ACTION, ELONGATED BOWL, MEETS ASME A112.19.2.
WC-2	FLOOR MOUNTED WATER CLOSET A.D.A.	GERBER NORTH POINT #G0025733	4"	2"	1"	NA	SLOAN ROYAL MODEL 111-1.28 FLUSH VALVE, CHURCH 5321.112 SEAT	VITREOUS CHINA, WATER SAVER 1.28 GPF, SIPHON JET ACTION, ELONGATED BOWL, MEETS ASME A112.19.2. ADA COMPLIANT
L-1	WALL-HUNG LAVATORY	KOHLER K-2005	1-1/2"	1-1/2"	1/2"	1/2"	T & S BRASS #B-2711-VF05, 4" CTR FAUCET, ZURN ZR-1231 CARRIER, KOHLER 8820 STRAINER TAILPIECE,MCGUIRE 8902,8820 WASTE OUTLET AND SUPPLY KITS	VITREOUS CHINA, REAR OVERFLOW, 3 HOLE 4" CENTERS, CONCEALED ARM SUPPORTS, 1-1/4" P-TRAP. PROVIDE LEONARD #170-LF-STSTL ASSE 1070 THERMOSTATIC MIXING VALVE TO PROVIDE TEMPERED WATER AS PER NOTE #6 BELOW.
L-2	A.D.A. WALL-HUNG LAVATORY	KOHLER K-2005	1-1/2"	1-1/2"	1/2"	1/2"	T & S BRASS #B-2711-VF05, 4" CTR FAUCET, ZURN ZR-1231 CARRIER, KOHLER 8820 STRAINER TAILPIECE,MCGUIRE 8902,8820 WASTE OUTLET AND SUPPLY KITS	VITREOUS CHINA, REAR OVERFLOW, 3 HOLE 4" CENTERS, CONCEALED ARM SUPPORTS, 1-1/4" P-TRAP, A.D.A .TRIM COVERS. PROVIDE LEONARD #170-LF-STSTL ASSE 1070 THERMOSTATIC MIXING VALVE TO PROVIDE TEMPERED WATER AS PER NOTE #6 BELOW.
DF-1	DRINKING FOUNTAIN	ELKAY #LVRCTLDDWSK	1-1/2"	1-1/2"	1/2"	NA	VANDAL-RESISTANT BOTTLE FILLING STATION &, BI-LEVEL COOLER FILTERED NON-REFRIGERATED STAINLESS. , LAMINAR FLOW, REAL DRAIN, VANDAL RESISTANT, VISUAL FILTER MONITOR	PROVIDES 1-1/2" C.P. WASTE, P-TRAP, SUPPLY WITH SHUT-OFF, AND IN WALL CARRIER (IF REQUIRED).
MB-1	MOP BASIN	STERN WILLIAMS MTB-3624 WHITE DRIFT	3"	1 1/2"	1/2"	1/2"	STERN WILLIAMS T-10-VB CHROME PLATED SERVICE FAUCET WITH VACCUUM BREAKER 3/4" HOSE THREAD	SS INTEGRAL CAST DRAIN, PROVIDE OPTIONS, 36" WALL GUARD, V70 VINYL BUMPER GARD, T-35 HOSE, T-40 MOP HANGER, C10 SILICONE SEALER

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR LEFT-HAND OR RIGHT-HAND FIXTURES. ADA STANDARDS, FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
2. FIXTURE COLORS ARE TO BE WHITE UNLESS OTHERWISE DIRECTED BY ARCHITECT.
3. FOR ADA SINKS AND LAVATORIES; ON EXPOSED TRIM PROVIDE WHITE MOLDED CLOSED CELL VINYL INSULATION KIT FOR P-TRAP AND ANGLE VALVE ASSEMBLIES, TRUEBRO, INC. "HANDI LAV-GUARD"; OR APPROVED EQUAL.
4. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL PLUMBING ACCESSORIES.
5. FAUCETS WITH HOT & COLD SUPPLIES WITH HOSE CONNECTIONS SHALL BE PROVIDED WITH VACUUM BREAKER & INTEGRAL CHECK VALVES OR CHECK VALVES ON ACCESSIBLE SUPPLY PIPING NEXT TO SERVICE VALVES.
6. FOR EACH 1070 THERMOSTATIC MIXING VALVE INSTALLED, SET WATER OUTLET TEMPERATURE AT 100°F FOR ELEMENTARY SCHOOLS AND 110° AT MIDDLE AND HIGH SCHOOLS.

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SED NUMBERS: ■ Administration Building: 64-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
05/21/2025

Drawing Title :
PLUMBING NOTES, SYMBOLS, ABBREVIATIONS, & SCHEDULES

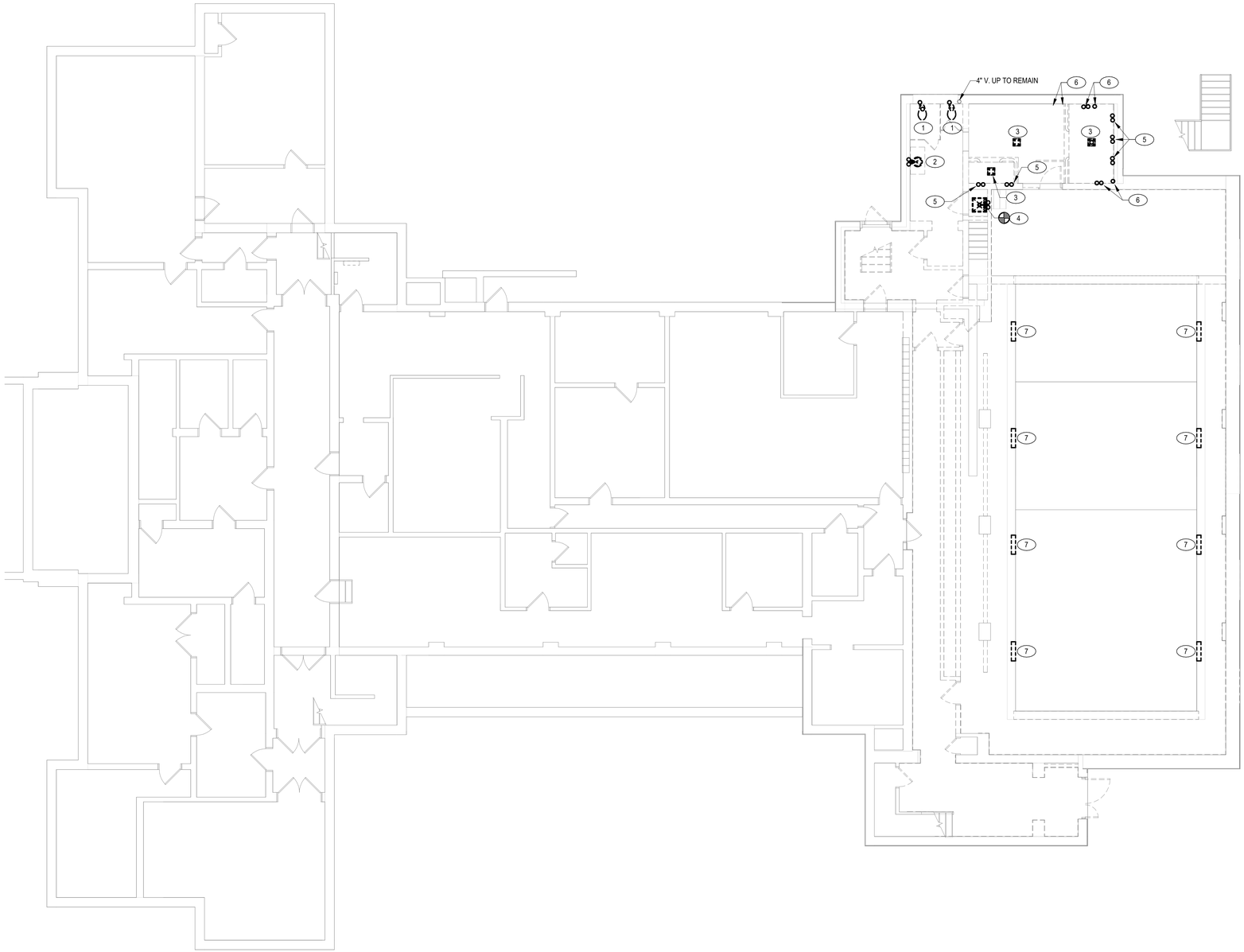
Drawn by: J.J.
Date : 10/11/2024
APN : 2224.2A

Drawing Number :

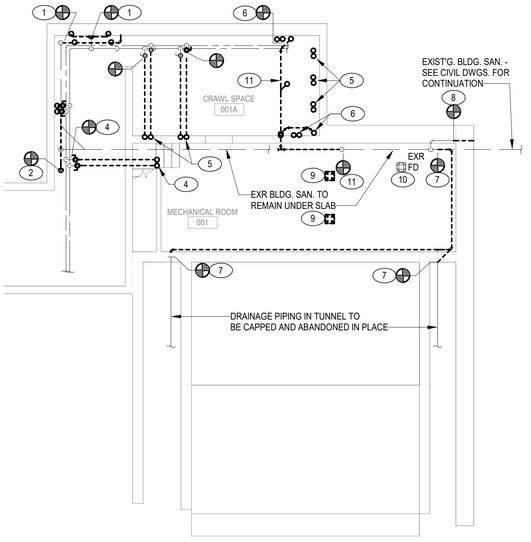
P
001

REMOVAL NOTES:

1. DISCONNECT & REMOVE WATER CLOSETS. REMOVE CW, SANITARY PIPING, & CAP AT CONNECTION TO MAIN PIPING.
2. DISCONNECT & REMOVE LAVATORY. REMOVE CW, HW, WASTE & VENT PIPING, & CAP AT CONNECTION TO MAIN PIPING.
3. REMOVE FLOOR DRAIN & WASTE PIPING, CAP AT CONNECTION TO MAIN PIPING.
4. DICONNECT AND REMOVE LAUNDRY SINK AND ASSOCIATED COLD WATER, HOT WATER, WASTE AND VENT PIPING AND CAP AT CONNECTION TO MAIN PIPING.
5. DISCONNECT AND REMOVE SHOWER, COLD WATER AND HOT WATER PIPING. CAP AT CONNECTION TO MAIN.
6. DISCONNECT AND REMOVE 1/2" COLD WATER, HOT WATER, AND 2" STANDPIPING FOR WASHING MACHINES (TO BE REMOVED BY OTHERS).
7. DISCONNECT AND REMOVE POOL DRAINS INCLUDING PIPING IN MECH ROOM #001 AND CAP PIPING. PIPING IN AND UNDER POOL TO BE ABANDONED IN PLACE.
8. DISCONNECT AND REMOVE 4" FRESH AIR INTAKE PIPING BEFORE WALL PENETRATION IN MECH ROOM #001 INCLUDING BROKEN PIPING THROUGH WALL.
9. EXISTING FLOOR DRAINS TO BE REMOVED AND PIPING CAPPED BELOW SLAB.
10. EXISTING FLOOR DRAIN TO BE CLEANED AND FLUSHED. PROVIDE NEW STRAINER.
11. DISCONNECT & REMOVE WASTE PIPING FROM CRAWLSPACE. DISCONNECT FROM MAIN SANITARY PIPING UNDER SLAB AND CAP AT CONNECTION TO MAIN PIPING.



1 **LOWER LEVEL PLUMBING REMOVAL PLAN**
SCALE: 1/8" = 1'-0"



2 **BASEMENT PLUMBING REMOVAL PLAN**
SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL PLUMBING REMOVAL PLAN

APN: 2226.2A | Date: 10/11/2024 | Drawn by: J.J.

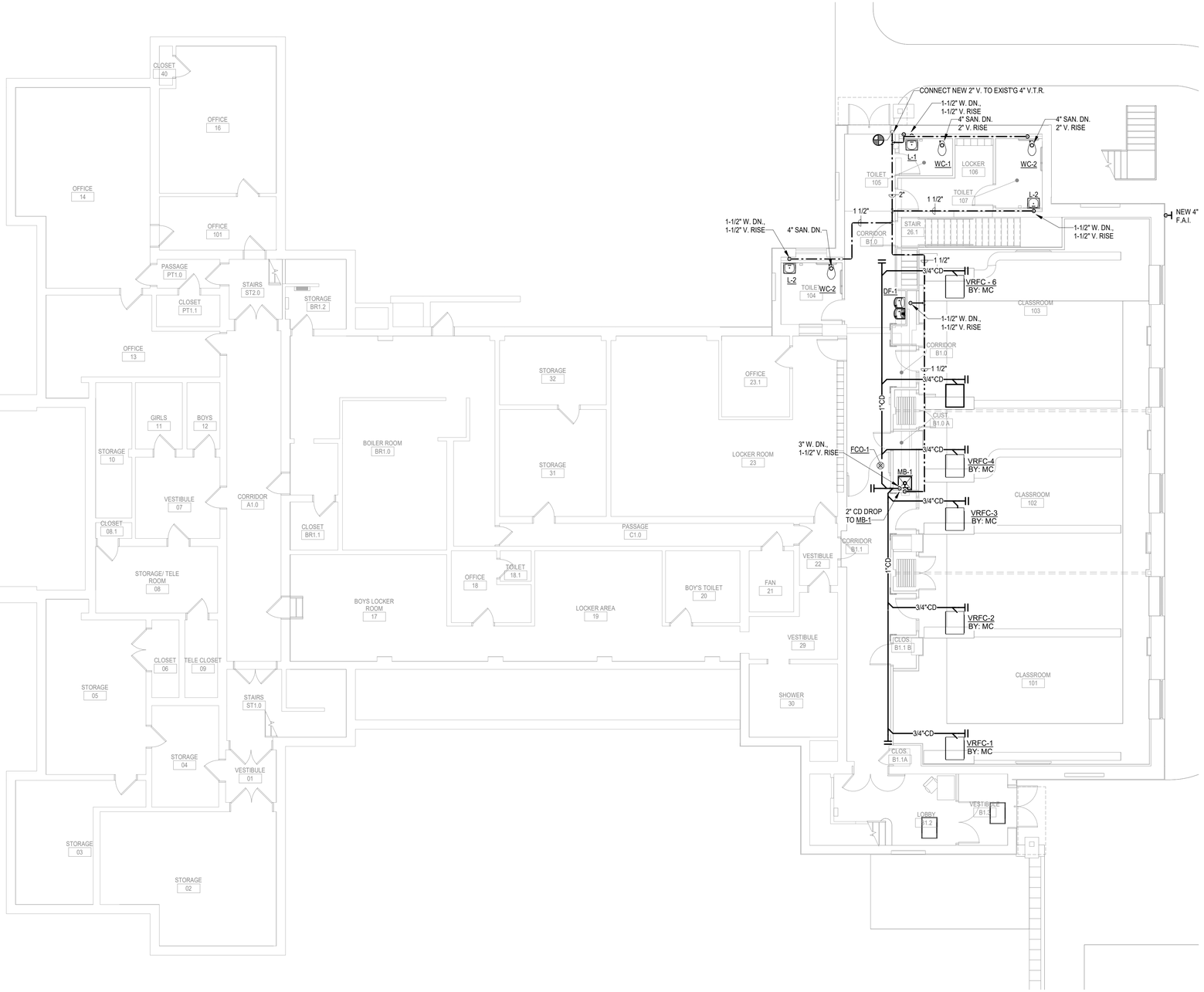
Drawing Number:
P 201

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

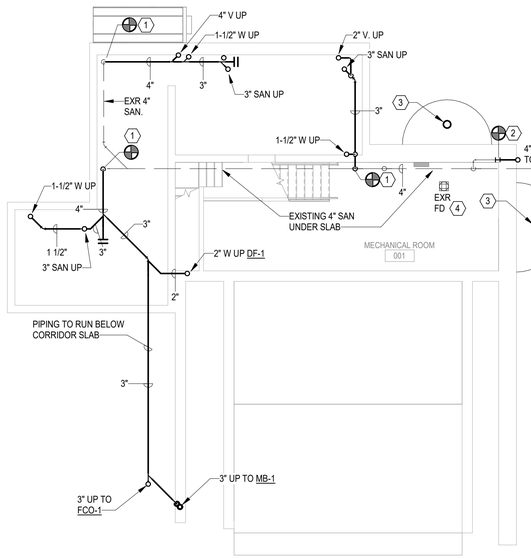
DRAWING NOTES:

1. CONNECT NEW SANITARY WASTE PIPING TO EXISTING SANITARY RISERS.
2. CONNECT NEW 4" FRESH AIR INLET PIPING TO EXISTING. SEE DETAIL # 1/P001.
3. EXISTING WINDOW WELLS AND DRAIN AT BOTTOM TO BE CLEANED OUT. DRAIN SHALL BE FLUSHED AND JETTED.
4. EXISTING FLOOR DRAIN TO BE CLEANED AND FLUSHED. PROVIDE NEW STRAINER.



1 LOWER LEVEL DRAINAGE PLAN

SCALE: 1/8" = 1'-0"



2 BASEMENT DRAINAGE PLAN

SCALE: 1/8" = 1'-0"

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Peekskill City School District
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Drawing Title:
BASEMENT & LOWER LEVEL DRAINAGE PLAN

Drawn by: J.J.

Date: 10/11/2024

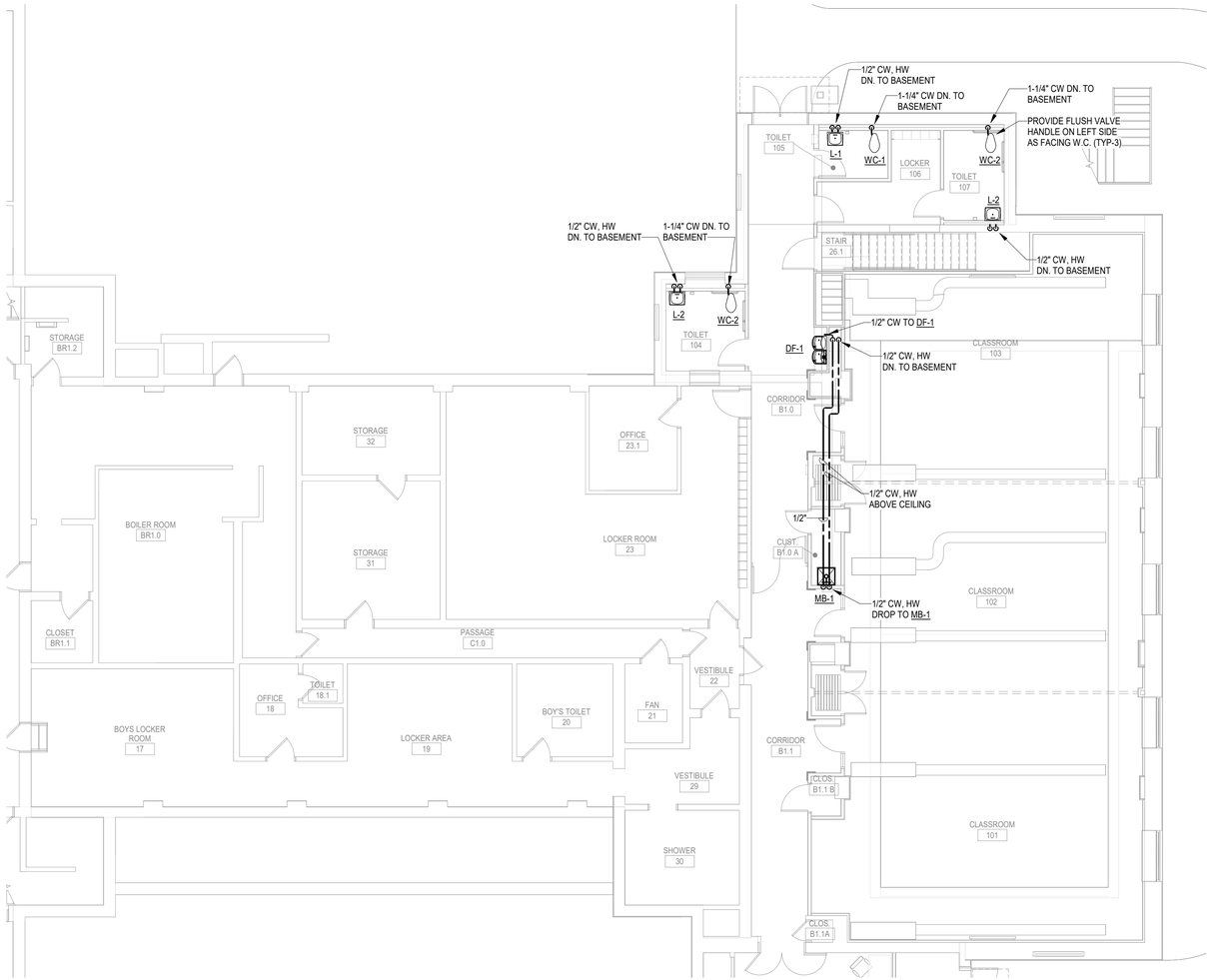
APN: 2224-2A

Drawing Number:

P 301

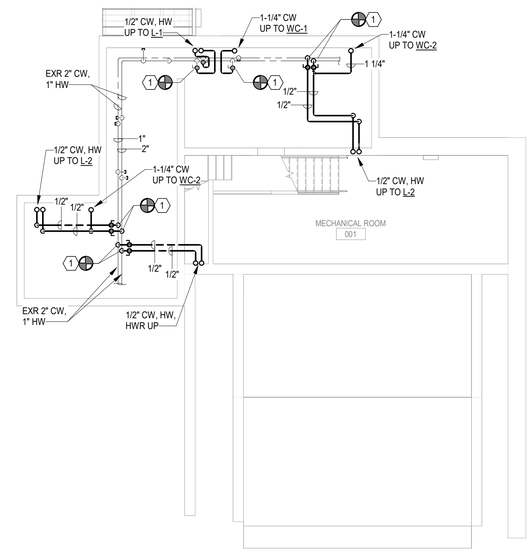
DRAWING NOTES:

1. CONNECT NEW HOT & COLD WATER TO EXISTING MAIN PIPING.



1 LOWER LEVEL SUPPLY PLAN

SCALE: 1/8" = 1'-0"



2 BASEMENT SUPPLY PLAN

SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL SUPPLY PLAN

APN: 2226.2A | Date: 10/11/2024 | Drawn by: J.J.

Drawing Number:

P 401

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

GENERAL NOTES - REMOVALS

A. ALL WORK IS SHOWN DIAGRAMMATIC, AND ACTUAL SITE CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK.

B. REMOVE ALL EQUIPMENT, PIPING, AND DUCTWORK SHOWN DASHED.

C. THIS CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THIS WORK UNLESS OTHERWISE NOTED. ALL PATCHING AND PAINTING MUST EXACTLY MATCH EXISTING CONDITIONS.

D. EVERY EFFORT HAS BEEN MADE TO INDICATE ALL EQUIPMENT THAT IS BEING REMOVED THROUGH EXISTING DRAWINGS AND FIELD OBSERVATIONS, HOWEVER THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND VERIFY ALL REMOVALS, SOME DIFFERENCES MAY OCCUR.

E. THIS CONTRACTOR SHALL FIELD VERIFY ALL EXISTING EQUIPMENT AND PIPING LOCATIONS, PIPE SIZES, AND COORDINATE WITH ALL OTHER TRADES.

F. RE-USE EXISTING FLOOR/WALL/ROOF PENETRATIONS WHERE POSSIBLE. PROVIDE NEW PENETRATIONS AS REQUIRED. ALL OPEN PENETRATIONS THROUGH FLOOR AND OR WALLS SHALL BE SEALED OR PATCHED.

G. THIS CONTRACTOR SHALL REMOVE ALL PIPING, VALVES, SPECIALTIES AND CONTROLS ASSOCIATED WITH EACH PIECE OF EQUIPMENT TO BE REMOVED.

H. IF EXISTING HV UNIT, UNIT VENTILATOR, OR ANY OTHER MECHANICAL SYSTEM IS TO BE REMOVED, MC WILL REMOVE ALL ACCESSORIES, HANGERS, SUPPORTS AND EXISTING ROOM SENSORS/THERMOSTATS AND TERMINATE ALL EXISTING WIRES NOT USED IN JUNCTION BOX. ANY HOLES/OPENINGS OF OLD ROOM SENSORS SHALL BE COVERED WITH BLANK STAINLESS STEEL PLATES.

I. THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL ALL CEILINGS AS REQUIRED TO COMPLETE HIS WORK. ANY DAMAGE TO THE EXISTING CEILING AS A RESULT OF THIS WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

J. ALL EQUIPMENT REMOVED IS PROPERTY OF THE OWNER. IF THE OWNER DEEMS EQUIPMENT "UNSALVAGEABLE" THE CONTRACTOR IS TO DISPOSE OF IT IN A PROPER MANNER.

K. ALL EQUIPMENT TO BE REMOVED SHALL HAVE ALL ACCESSORIES AND SUPPORTS REMOVED WITH IT, WHETHER INDICATED OR NOT. IN ADDITION, UNLESS OTHERWISE NOTED, ANY REFRIGERANT CONTAINING EQUIPMENT THAT IS SHOWN FOR REMOVAL SHALL HAVE ALL REFRIGERANT EVACUATED FROM THE SYSTEM AND PROPERLY DISPOSED OF AND ALL REFRIGERANT PIPING REMOVED FROM THE SITE.

L. ANY EQUIPMENT, PIPING, OR DUCTWORK THAT HAS BEEN REMOVED IN THE PROJECT AND HAS LEFT AN OPENING, ANCHOR POINT, OR OTHER IMPERFECTION IN A FLOOR, WALL, OR ROOF SHALL HAVE THE OPENINGS AND VOIDS INFILLED TO MATCH EXISTING CONDITIONS.

GENERAL INSTALLATION NOTES

A. ALL WORK IS SHOWN DIAGRAMMATIC. FIELD VERIFY ALL EXISTING SITE CONDITIONS, PIPING, DUCTWORK, UNIT LOCATIONS ETC. PRIOR TO THE COMMENCEMENT OF WORK.

B. THIS CONTRACTOR TO VISIT JOB SITE BEFORE BID DATE TO VERIFY ALL EXISTING CONDITIONS INDICATED. IT IS THE RESPONSIBILITY OF THE MC TO VERIFY ALL EXISTING QUANTITIES FOR REPLACEMENT/RECONDITIONING ETC. COORDINATE ALL DUCTWORK, PIPING AND EQUIPMENT LOCATIONS WITH ALL OTHER TRADES.

C. INSTALL NEW SUPPLY DIFFUSERS, REGISTERS, AND EXHAUST GRILLES INTO NEW CEILING GRID AVOIDING LIGHTS, AT APPROXIMATE LOCATIONS SHOWN.

D. ALL RECTANGULAR DUCTWORK BRANCH CONNECTIONS TO HAVE A 45 DEGREE CINCH COLLAR WITH AN INTEGRAL VOLUME DAMPER. ALL ROUND DUCTWORK BRANCH CONNECTIONS TO HAVE A HIGH EFFICIENCY FITTING WITH AN INTEGRAL VOLUME DAMPER.

E. PROVIDE TURNING VANES IN ALL SUPPLY DUCTS COMING OUT OF ROOF-TOP UNITS AND ALL 90 DEG ELBOWS, WHETHER SHOWN OR NOT.

F. PROVIDE ACCESS DOORS FOR ALL FIRE DAMPERS AND DUCT COILS UNLESS OTHERWISE NOTED.

G. PROVIDE A MINIMUM SIZE ACCESS DOOR OF 24"x24" ON ALL FIRE AND FIRE/SMOKE DAMPERS UNLESS NOT PERMITTED BY DUCT SIZE.

H. RE-USE EXISTING FLOOR/SLAB/ROOF PIPING PENETRATIONS WHEREVER POSSIBLE. MC RESPONSIBLE FOR ENLARGING OR MODIFYING EXISTING PENETRATIONS AS REQUIRED TO ACCOMMODATE NEW PIPING.

I. ALL NEW PENETRATIONS FOR PIPING, DUCTWORK OR TO COMPLETE HIS WORK ARE BY THE MC. ALL OPENINGS THAT ARE BY THE GC ARE NOTED ON THESE DRAWINGS OR THE GC DRAWINGS.

J. PROVIDE ADDITIONAL STRUCTURAL STEEL AND HANGERS AS REQUIRED TO INSTALL AND SUPPORT HVAC EQUIPMENT.

K. IN GENERAL, ALL DUCTWORK IS TO BE TIGHT TO JOISTS AND MC IS TO COORDINATE DUCTWORK ELEVATIONS WITH ALL OTHER TRADES.

L. THIS CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING AND PAINTING REQUIRED TO COMPLETE THIS WORK UNLESS OTHERWISE NOTED. ALL PATCHING AND PAINTING MUST EXACTLY MATCH EXISTING CONDITIONS.

M. ALL AREAS WHERE PIPING IS REMOVED AND NOT REPLACED, THIS CONTRACTOR SHALL PATCH THE AREAS TO MATCH EXISTING CONDITIONS.

N. REFER TO PIPING SCHEMATICS FOR DETAILED PIPING INFORMATION FOR BOTH THE HEATING AND DOMESTIC HOT WATER SYSTEMS.

O. NO VALVES SHALL BE PLACED ABOVE/BEHIND DUCTWORK OR IN AN INACCESSIBLE LOCATION.

P. ALL WORK IS SHOWN DIAGRAMMATIC, IF OFFSETS OR TRANSITIONS IN DUCTWORK ARE REQUIRED FOR SITE CONDITIONS, TO MAINTAIN ARCHITECTS CEILING HEIGHTS AND/OR COORDINATION WITH OTHER TRADES IT IS THE RESPONSIBILITY OF THE MC. ADDITIONALLY, IF A TRANSITION FROM ANY TYPE OF AIR HANDLING UNIT TO THE DUCTWORK SIZE INDICATED IS REQUIRED, IT IS THE RESPONSIBILITY OF THE MC, WETHER THE TRANSITION IS SHOWN OR NOT.

Q. REFER TO STRUCTURAL DRAWINGS FOR FINAL LOCATIONS OF UNITS AND PENETRATIONS THROUGH DECKS. STRUCTURAL DRAWINGS ARE TO TAKE PRECEDENCE OVER DUCTWORK DRAWINGS FOR LOCATIONS. ANY OFFSETS OR TRANSITIONS IN DUCTWORK REQUIRED FOR COORDINATION WITH STEEL IS THE RESPONSIBILITY OF THE MC.

R. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS OR DRAINS ON THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY AIR VENTS AT HIGH POINTS WHICH COULD ACCUMULATE AIR WHICH WOULD PREVENT THE PROPER OPERATION OF THE HWS&R AND CHWS&R PIPING. DRAINS SHALL BE PROVIDED AT LOW POINTS IN THE SYSTEM TO FACILITATE THE DRAINING OF HWS&R AND CHWS&R PIPING.

S. ALL WORK IS SHOWN DIAGRAMMATIC, IF ELBOWS OR CHANGES IN PIPING ELEVATION ARE REQUIRED FOR SITE CONDITIONS, TO MAINTAIN ARCHITECTS CEILING HEIGHTS AND/OR COORDINATION WITH OTHER TRADES IT IS THE RESPONSIBILITY OF THE MC.

T. UNLESS NOTED ON THE EC OR TC DRAWINGS, THIS CONTRACTOR IS FULLY RESPONSIBLE TO PROVIDE ALL WIRING OR ANY FINAL CONNECTIONS FOR ANY MECHANICAL EQUIPMENT TO MAKE THAT UNIT FULLY OPERATIONAL.

U. INSTALLATION OF ROOF TOP DUCTWORK SHALL BE ACCORDING TO SPECIFICATION SECTION 233330, ITEM 2.15. DUCT LINER INSTALLATION SHALL BE ACCORDING TO SPECIFICATION SECTION 233330 ITEM 2.11. ALSO REFER TO SECTION 230005, ITEM 1.17 FOR STORAGE OF MATERIALS.

GENERAL NOTES - TEMPERATURE CONTROLS

A. WIRE ALL LOW VOLTAGE, LINE VOLTAGE CONTROL, AND COMMUNICATIONS CABLING FOR A COMPLETE FULLY OPERATIONAL SYSTEM. COORDINATE WITH HEATING CONTRACTOR & ELECTRIC CONTRACTOR WHERE REQUIRED FOR ALL INTERFACES.

B. CONTROL PANELS ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER QUANTITIES OF PANELS TO MEET I/O SCHEDULE & DIAGRAM I/O. RISER DIAGRAMS ARE FOR INFORMATION ONLY & MAY NOT INDICATE ALL PANELS. ADDITIONALLY, SOME JOBS MAY HAVE LINE VOLTAGE POWER PROVIDED BY THE EC IN POSSIBLE PANEL LOCATIONS. THE TC SHALL REVIEW THESE PRIOR TO BID AND SHALL PROVIDE ANY ADDITIONAL LOCATIONS FOR POWER UNDER HIS CONTRACT AND WITHIN THE TC BID.

C. LOCATE ALL BUILDING CONTROLLERS ON THE SUBMITTAL SO THAT C.C. CAN FURNISH A DATA DROP IN THAT SPACE. T.C. TO COORDINATE WITH E.C..

D. IN ROOMS THAT HAVE A HARD CEILING TC SHALL PROVIDE RACEWAY FOR HIS WIRING. THERE SHALL BE NO EXPOSED CONTROL WIRING IN A OCCUPIED SPACE.

E. TEMPERATURE CONTROL VALVES: SIZE VALVES PER CHART IN SPECIFICATION SECTION WITH MAXIMUM DELTA P OF 3PSI.

F. WHERE ANY THERMOSTAT THAT IS REMOVED, THE WALL SHALL BE PATCHED AND PAINTED TO MATCH THE EXISTING.

G. CONTRACTOR TO COORDINATE THERMOSTAT LOCATIONS WITH APPROVED FURNITURE LAYOUT.

GENERAL

	REMOVE / CONNECT TO
1	REMOVAL NOTE TAG
1	INSTALLATION NOTE TAG
	PIPING BREAK
	EDGE BREAK LINE
	OFFSET FOR CLARITY
0'-0"	DUCT WORK ELEVATION

DUCTWORK AND FITTINGS

	DUCTWORK W / INTERNAL LINER
	DUCTWORK UNLINED
	TURNING VANES
DN UP	RECTANGULAR SUPPLY ELBOW
DN UP	RECTANGULAR RETURN/EXHAUST ELBOW
RND SQ	SQUARE TO ROUND TRANSITION
	HIGH EFFICIENCY TAKE-OFF W / INTEGRAL DAMPER
	VOLUME DAMMPER
A.D.	FIRE DAMPER W / ACCESS DOOR
A.D.	FIRE/SMOKE DAMPER W / ACCESS DOOR
A.D. A.D.	DUCT ACCESS DOOR
	FLEXIBLE DUCTWORK (6" MAX)
	FLEXIBLE COLLAR
(LENGTH)x (HEIGHT)	RECTANGULAR DUCT DESIGNATION
(DIAMETER)"Ø	ROUND DUCT DESIGNATION
(MAJOR AXIS)" (MINOR AXIS)	FLAT OVAL DUCT DESIGNATION
	ROOF MOUNTED EXHAUST FAN
	4 - WAY SUPPLY DIFFUSER
	2 - WAY SUPPLY DIFFUSER
	RETURN AIR GRILLE
	BACKDRAFT DAMPER (BD-1,2)
S	SMOKE DETECTOR FURNISHED AND WIRED BY EC, INSTALLED BY MC

FITTINGS & ACCESSORIES

	PIPE ELBOW DOWN
	PIPE ELBOW UP
	PIPE TEE DOWN
	PIPE UNION
	PIPE REDUCER
	CAP - SCREWED
	PIPE FLANGE
	PIPE STRAINER W / BLOW DOWN
	PIPE ANCHOR
	MANUAL AIR VENT
	PRESSURE GUAGE W / SNUBBER
	TEMPERATURE GUAGE
	PIPE ISOLATION JOINT
	RELIEF VALVE (RV)

PIPING

	PIPING BEING REMOVED
EXR	EXISTING PIPING TO REMAIN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
PGHWS	PROPYLENE GLYCOL HOT WATER SUPPLY
PGHWR	PROPYLENE GLYCOL HOT WATER RETURN
RS	REFRIGERANT SUCTION LINE
RL	REFRIGERANT LIQUID LINE
HGB	HOT GAS BYPASS REFRIGERANT LINE

VALVES

	BALL VALVE(BV)
	BUTTERFLY OR WAFER VALVE(WV)
	GATE VALVE(GV)
	GLOBE VALVE(GLV)
	CHECK VALVE(CKV)
	CONTROL VALVE (2-WAY)
	CONTROL VALVE (3-WAY)
	BALANCING VALVE(CBV)
	TRIPLE DUTY VALVE (TDV)
	FLOW CONTROL VALVE(FCV)
D.V.	DRAIN VALVE ASSEMBLY(SS)

PIPE SIZING

0-2 GPM	3/4" COPPER
3-5 GPM	1" COPPER
6-8 GPM	1-1/4" COPPER
9-14 GPM	1-1/2" COPPER
15-30 GPM	2" COPPER
31-50 GPM	2-1/2" STEEL
51-90 GPM	3" STEEL
91-200 GPM	4" STEEL
201-500 GPM	6" STEEL

TEMP CONTROL SYMBOLS

E	LINE VOLTAGE BY T.C.
e	LOW VOLTAGE WIRING BY T.C.
+	WIRING BY DIV #26(EC)
	CONDUCTORS
	CURRENT FLOW SWITCH (STATUS)CFS-1
	CONTROL RELAY CR-1
	CARBON DIOXIDE SENSOR CDS-1, CDS-2
	DUCT SENSOR, SPS-1
	DAMPER - OPPOSED BLADE D-1
	DAMPER - PARALLEL BLADE D-2
ME	DAMPER ACTUATOR ME-1,-2,3
DP	DIFFERENTIAL PRESSURE SWITCH - DPT-1,1A
ES-1	END SWITCH ES-1
FS	FLOW SWITCH FS-1
	HORN
	HUMIDITY SENSOR DUCT MOUNTED HSR
LC-1	LOW TEMERATURE CUT OUT MANUAL RESET LC-1
	MOTOR STARTER
M	MOTION SENSOR MS-1, MDS-1, MDS-2
M	MOTOR
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	PROGRAM CLOCK
P	PILOT LIGHT
START	START PUSH BUTTON
STOP	STOP PUSH BUTTON
	STATIC PRESSURE FILTER ALARM - DPS-1
	STATIC PRESSURE NETWORK SENSOR SPNL-1
	STATIC PRESSURE SENSOR SPS-1
	SWITCH
	TWO WAY VALVE CVF, CVT
	THREE WAY VALVE CVM, CVT, CVZM
	TEMPERATURE SENSOR ITS, ITS-1
	TEMPERATURE SENSOR AVERAGING TSDA
	TEMPERATURE SENSOR TSD
	TEMPERATURE CONTROL POINT
	TEMPERATURE CONTROL PANEL TCP
	TRANSFORMER - XT-1
H T	THERMOSTAT W / GUARD TSB, TSR
H	HUMIDITY SENSOR W / GUARD HSTS
	VARIABLE AIR VOLUME MODULAR ASSEMBLY VMA
VFD	VARIABLE FREQUENCY DRIVE
ECM	ECM (ELECTRICALLY COMMUTATED MOTOR)

ABBREVIATIONS

A	AIR OR COMPRESSED AIR
AC	AIR CONDITIONING
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
APD	AIR PRESSURE DROP AUTOMATIC
ATC	TEMPERATURE CONTROL
ATM	ATMOSPHERE
ACCU	AIR COOLED CONDENSING UNIT
ADJ	ADJUSTABLE
BD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BMS	BUILDING MANAGEMENT SYSTEM
BC	BOOKCASE
CH	CABINET HEATER
CFM	CUBIC FEET PER MINUTE
CT	COOLING TOWER
CH	CABINET UNIT HEATER
CD	CONTROL DAMPER
DB	DRY BULB
DEG	DEGREE
DDC	DIRECT DIGITAL CONTROL
DP	DIFFERENTIAL PRESSURE
DAC	DUCTLESS SPLIT A/C UNIT
DCU	DUCTLESS SPLIT CONDENSING UNIT
DHU	DEHUMIDIFYING UNIT
DS	DUCT SILENCER
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EMS	ENERGY MANAGEMENT SYSTEM
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
ERU	ENERGY RECOVERY UNIT
EG	EXHAUST GRILL
F	FAHRENHEIT
FA	FREE AREA
FCU	FAN COIL UNIT
FRD-B/A	FIRE DAMPER
FRD-S	FIRE/SMOKE DAMPER
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FLOW SWITCH
FTR	FIN TUBE RADIATION
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HV	HEATING & VENTILATING UNIT
HD	HEAD
HP	HORSEPOWER
HRU	HEAT RECOVERY UNIT
HTG	HEATING
HP	HEAT PUMP UNIT
HZ	HERTZ (CYCLES PER SECOND)
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MBH	1000 BTU/HR
MC	MECHANICAL CONTRACTOR
MUA	MAKE UP AIR
MCA	MINIMUM CIRCUIT AMPACITY
MOP/ MOCP	MAXIMUM OVERCURRENT PROTECTION
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NOM	NOMINAL
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
ODP	OPEN DRIP PROOF
OV	OPEN VELOCITY
OAT	OUTSIDE AIR TEMPERATURE
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQ IN
RESR	ROOF EQUIPMENT SUPPORT RAIL
RH	ROOF HOOD
RTU	ROOFTOP UNIT
RA	RETURN AIR
RET	RETURN
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SAT	SUPPLY AIR TEMPERATURE
SF	SUPPLY FAN
SCV	SELF CONTAINED VALVE
SA	SUPPLY AIR
SP	STATIC PRESSURE
SG	SUPPLY GRILL
T	TEMPERATURE OR THERMOSTAT
TEMP	TEMPERATURE
TON	12,000 BTUH (COOLING CAPACITY)
TSB	TEMPERATURE SENSOR BUTTON TYPE
TSR	TEMPERATURE SENSOR W/DISPLAY
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
TC	TEMPERATURE CONTROL CONTRACTOR
UV	UNIT VENT
UH	UNIT HEATER
UC	UTILITY COMPARTMENT
V	VOLTS
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
VFC	VARIABLE REFRIGERANT FAN COIL
WB	WET BULB TEMPERATURE
WG	WATER GAGE
WPD	WATER PRESSURE DROP

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ES # 24088

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
05/21/2025

NOTES AND SYMBOLS

Drawn by : MLB
Date : 10/11/2024
APN : 2224-2A

Drawing Number :

M 001

SED NUMBERS:
■ Administration Building: 66-15-09-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

VRF SYSTEM SCHEDULE

FAN COIL UNIT PERFORMANCE (INDOOR)																	SINGLE PORT BRANCH SELECTOR PERFORMANCE (INDOOR)									
TAG	SERVICE	MODEL NO.	TYPE	SUPPLY (CFM)	MIN. O.A. (CFM)	COOLING CAPACITY (MBH)		HEATING CAPACITY (MBH)	REF. LINE SIZES (IN.)		SOUND PRESSURE (dBA)	WEIGHT (LBS)	ELECTRICAL DATA				NOTES	TAG	MODEL NO.	TONS	REF. LINE SIZES (IN.)		SOUND PRESSURE (dBA)	WEIGHT (LBS)	ELECTRICAL DATA				NOTES
						TOTAL	SENS.		LIQUID	SUCTION			VOLT	PHASE	MCA	MOP					LIQUID	SUCTION			VOLT	PHASE	MCA	MOP	
VRFC-1	101	FXSQ30TAVJU	FAN COIL	800	300	30	22.6	34	3/8	5/8	38	82	208	1	1.8	15	1,2,3,4,5,11	BS-1	BSQ60TAVJ	5	3/8	5/8	41	27	208	1	0.1	15	7,8
VRFC-2	101	FXSQ30TAVJU	FAN COIL	800	300	30	22.6	34	3/8	5/8	38	82	208	1	1.8	15	1,2,3,4,5,11												
VRFC-3	102	FXSQ30TAVJU	FAN COIL	600	235	30	22.6	34	3/8	5/8	38	82	208	1	1.8	15	1,2,3,4,5,11	BS-2	BSQ60TAVJ	5	3/8	5/8	41	27	208	1	0.1	15	7,8
VRFC-4	102	FXSQ30TAVJU	FAN COIL	600	235	30	22.6	34	3/8	5/8	38	82	208	1	1.8	15	1,2,3,4,5,11												
VRFC-5	103	FXSQ30TAVJU	FAN COIL	700	255	30	22.6	34	3/8	5/8	38	82	208	1	1.8	15	1,2,3,4,5,11	BS-3	BSQ60TAVJ	5	3/8	5/8	41	27	208	1	0.1	15	7,8
VRFC-6	103	FXSQ30TAVJU	FAN COIL	700	255	30	22.6	34	3/8	5/8	38	82	208	1	1.8	15	1,2,3,4,5,11												

NOTES:
1. PROVIDE CEILING UNIT AS MANUFACTURED BY DAIKIN; OR APPROVED EQUAL.
2. PROVIDE WIRED REMOTE CONTROLLER.
3. EC TO PROVIDE SEPARATE POWER FOR CONDENSATE PUMP.
4. PROVIDE MANUFACTURER'S CONDENSATE PUMP.
5. PROVIDE CEILING MOUNTED MANUFACTURERS THERMOSTAT.
6. FURNISH WITH LOW AMBIENT CONTROLS.
7. EC TO PROVIDE DISCONNECT.
8. PROVIDE BACNET INTERFACE.
9. MODULES TO BE INSTALLED 1" APART.
10. PROVIDE MANUFACTURERS SNOW / WIND HOOD.
11. PROVIDE FILTER BOX AND MERV 13 FILTER. DUE TO CONCRETE BEAMS, PROVIDE FILTER BOX WITH ACCESS ON BOTTOM.

VRF SYSTEM SCHEDULE

CONDENSING UNIT PERFORMANCE (OUTDOOR)																		
TAG	MODEL NO.	TONS	COOLING CAPACITY (MBH) RATED/NOM	RATED COOLING CONDITIONS		HEATING CAPACITY (MBH) RATED/NOM	RATED HEATING CONDITIONS		REF. LINE SIZE (IN.)		MIN. EFFICIENCY (EER)	SOUND PRESSURE (dBA)	WEIGHT (LBS)	SPPP ELECTRICAL DATA				NOTES	MANUFACTURER
				INDOOR (°F DB/WB)	AMBIENT (°F DB/WB)		INDOOR (°F DB/WB)	AMBIENT (°F DB/WB)	LIQUID	SUCTION				VOLT	PHASE	MCA	MOP		
ACCU-1 (A & B)	RELQ144TBTJA (x2)	12	138 / 144	80 / 67	95 / 75	138 / 162	70 / 60	47 / 43	1/2	1-1/8	11.4	63	727	230	3	121.6	125	6,7,8	DAIKIN

ENERGY RECOVERY UNIT

TAG	SUPPLY AIRFLOW (CFM)	RETURN (CFM)	MN. O.A. (CFM)	EXHAUST (CFM)	RECIRCULATED AIR @ MIN. O.A. (CFM)	SUPPLY FAN				EXHAUST FAN				SUMMER (TOTAL ENERGY SAVED)			WINTER (TOTAL ENERGY SAVED)			ELECTRICAL DATA				MAXIMUM WEIGHT (LBS.)	MAXIMUM DIMENSIONS LxWxH (IN.)	MANUFACTURER & MODEL NO.	NOTES
						E.S.P. (IN. W.G.)	H.P.	FAN SPEED (RPM)	FILTERS	E.S.P. (IN. W.G.)	H.P.	FAN SPEED (RPM)	FILTERS	SEN (MBH)	LAT (MBH)	TOTAL (MBH)	SEN (MBH)	LAT (MBH)	TOTAL (MBH)	VOLTS	PHASE	MCA	MOP				
ERV-1	2050	2050	2050	2050	0	1	2.0	1545	MERV-13	1	2.0	1539	MERV-8	23.8	22.7	46.5	111.1	22.5	133.6	208	3	14.9	20	999	61.5" x 50.75" x 62"	RENEWAIRE # HE-3XJINV-D35VV--DVNTF--L	1,2,3,4,5

NOTES:
1. PROVIDE UNIT WITH VFD SUPPLY AND EXHAUST FAN MOTORS WITH POTENTIOMETER SPEED CONTROL.
2. EC TO PROVIDE DISCONNECT.
3. PROVIDE FACTORY MOUNTED MOTORIZED DAMPERS.
4. UNIT TO BE INSTALLED UPSIDE DOWN. ALL EQUIPMENT AND CONTROLS TO BE ADJUSTED ACCORDINGLY.
5. UNIT TO FIT THROUGH STANDARD DOOR.

CABINET HEATER SCHEDULE

TAG	MODEL	SIZE	MOUNTING	HEATING DATA								ELECTRICAL DATA				MANUFACTURER	NOTES
				CFM	MBH	E.W.T. (°F)	L.W.T. (°F)	FLOW RATE (GPM)	W.P.D. (FT.)	FLUID	ROWS	HP	AMP	VOLT	PHASE		
CH-1	RC-1200	4	CEILING	420	35	180	150	2.3	0.5	HW	2	1/10	1.4	120	1	STERLING	1,2,3,4
CH-2	RC-1200	6	CEILING	620	53	180	150	3.5	1.4	HW	2	1/10	1.4	120	1	STERLING	1,2,3,4

NOTES:
1. PROVIDE UNIT WITH FACTORY MOUNTED AND WIRED TOGGLE-TYPE DISCONNECT SWITCH.
2. ARCHITECT TO SELECT COLOR.
3. PROVIDE COIL CONNECTION SIDE PER DRAWINGS.
4. FURNISH CABINET HEATER WITH FACTORY MOUNTED AND WIRED SOLID STATE SPEED CONTROL - SET AIRFLOW TO SCHEDULED VALUE.

ELECTRIC CABINET HEATER SCHEDULE

TAG	MODEL	ARRANGEMENT	MOUNTING	LENGTH	HEATING DATA				ELECTRICAL DATA		MANUFACTURER	NOTES
					CFM	MBH	KW	TEMP RISE (°F)	VOLT	PHASE		
ECH-1	HF3385D-RP	-	CEILING	19.5"	175	7.6	2.3	54	208	1	MARKEL	1,2,3,4,5,6
ECH-2	HF3384D-RP	-	CEILING	19.5"	175	5.1	1.5	36	208	1	MARKEL	1,2,3,4,5,6
ECH-3	HF3384D-RP	-	CEILING	19.5"	175	5.1	1.5	36	208	1	MARKEL	1,2,3,4,5,6
ECH-4	HF3384D-RP	-	CEILING	19.5"	175	5.1	1.5	36	208	1	MARKEL	1,2,3,4,5,6
ECH-5	J3484A1	SQUARE DIFFUSER	CEILING	23"	600	13.6	4	30	208	3	MARKEL	1,2,3,4,5,7

NOTES:
1. PROVIDE SAFETY CUT OUT.
2. COLOR SELECTION BY ARCHITECT.
3. PROVIDE FACTORY 2x2 T-BAR MOUNTING KIT.
4. PROVIDE MANUFACTURERS DISCONNECT SWITCH.
5. PROVIDE ALL WIRING AND CONTROLS FOR A COMPLETE INSTALLATION.
6. PROVIDE MANUFACTURERS LINE VOLTAGE THERMOSTAT. AET9SWTS.
7. PROVIDE MANUFACTURERS LOW VOLTAGE THERMOSTAT, UT1001.

DIFFUSER, REGISTERS, AND GRILLES

TAG	MODEL	MAX CFM	BLOW PATTERN	FACE SIZE	NECK SIZE	VELOCITY (FPM.)	THROW (FT.)	PD	SOUND LEVEL	MATERIAL	MANUFACTURER	NOTES
EG-1	61PR-6x6	100	-	12x12	6x6	500	-	0.067	<15	STEEL	NAILOR	1,4
RG-1	61PR-18x18	840	-	24x24	18x18	400	-	0.042	<15	STEEL	NAILOR	1,4
RG-2	61PR-20x10	495	-	22x12	20x10	400	-	0.042	<15	STEEL	NAILOR	1,3
SD-1	RNS-24x24	210	4-WAY	24x24	8"Ø	600	3	0.023	13	STEEL	NAILOR	1,4,5
SD-2	RDDG-14-RD	428	1-WAY	16"Ø	14"Ø	400	20	0.014	<15	ALUMINUM	NAILOR	1,2
SD-3	61DV-14x6	200	2-WAY	16x8	14x6	400	12	0.03	<15	STEEL	NAILOR	1,2
LO-1	EDJ-601-36x24	2050	-	36x24	36X24	732	-	0.09	N / A	ALUMINUM	GREENHECK	1

NOTES:
1. ARCHITECT TO SELECT COLOR
2. PROVIDE DAMPER.
3. PROVIDE DRYWALL/PLASTER FRAME.
4. FURNISH WITH NOMINAL 24X24 PANEL FOR T-BAR CEILING.
5. FURNISH WITH ROUND NECK ADAPTOR.

ELECTRIC DUCT COIL SCHEDULE

TAG	INSTALLATION TYPE	AIRSIDE PERFORMANCE			DIMENSIONS(IN.)		CONTROL TYPE	ELECTRICAL DATA			MANUFACTURER & MODEL NO.	NOTES
		AIRFLOW (CFM)	CAPACITY (MBH)	TEMPERATURE RISE (°F)	WIDTH	HEIGHT		KW	VOLTAGE	PHASE		
EDHC-1	SLIP-IN	800	17.2	20	40	10	SCR 0-10VDC	5	208	3	NEPTRONIC DF C100HB	1, 2, 3, 4, 5, 6
EDHC-2	SLIP-IN	800	17.2	20	40	10	SCR 0-10VDC	5	208	3	NEPTRONIC DF C100HB	1, 2, 3, 4, 5, 6
EDHC-3	SLIP-IN	600	13.6	21	40	10	SCR 0-10VDC	4	208	3	NEPTRONIC DF C100HB	1, 2, 3, 4, 5, 6
EDHC-4	SLIP-IN	600	13.6	21	40	10	SCR 0-10VDC	4	208	3	NEPTRONIC DF C100HB	1, 2, 3, 4, 5, 6
EDHC-5	SLIP-IN	700	15.1	20	40	10	SCR 0-10VDC	4.5	208	3	NEPTRONIC DF C100HB	1, 2, 3, 4, 5, 6
EDHC-6	SLIP-IN	700	15.1	20	40	10	SCR 0-10VDC	4.5	208	3	NEPTRONIC DF C100HB	1, 2, 3, 4, 5, 6

NOTES:
1. FURNISH UNIT WITH MANUFACTURER'S DOOR INTERLOCKING DISCONNECT SWITCH AND MINIMUM FUSING PER NEC/UL.
2. FURNISH UNIT WITH MANUFACTURER'S AIRFLOW SWITCH, 24 VOLT CONTROL PACKAGE, MINIMUM FUSING PER NEC, 80/20 WIRE, CONTROL PANEL, AND CLASS II TRANSFORMER
3. FURNISH UNIT WITH MAGNETIC DISCONNECTING SAFETY CONTACTORS.
4. PROVIDE COIL WITH MAX ENCLOSURE HEIGHT OF 12" TALL.
5. PROVIDE COIL CAPABLE OF OPERATION DOWN TO 100FPM ACROSS COIL.
6. COIL TO BE INSTALLED IN DUCTWORK WITH 2" LINING - DIMENSIONS INDICATE FREE AREA.

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Consultant/
Seal

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision -
ISSUED FOR BID
05/21/2025

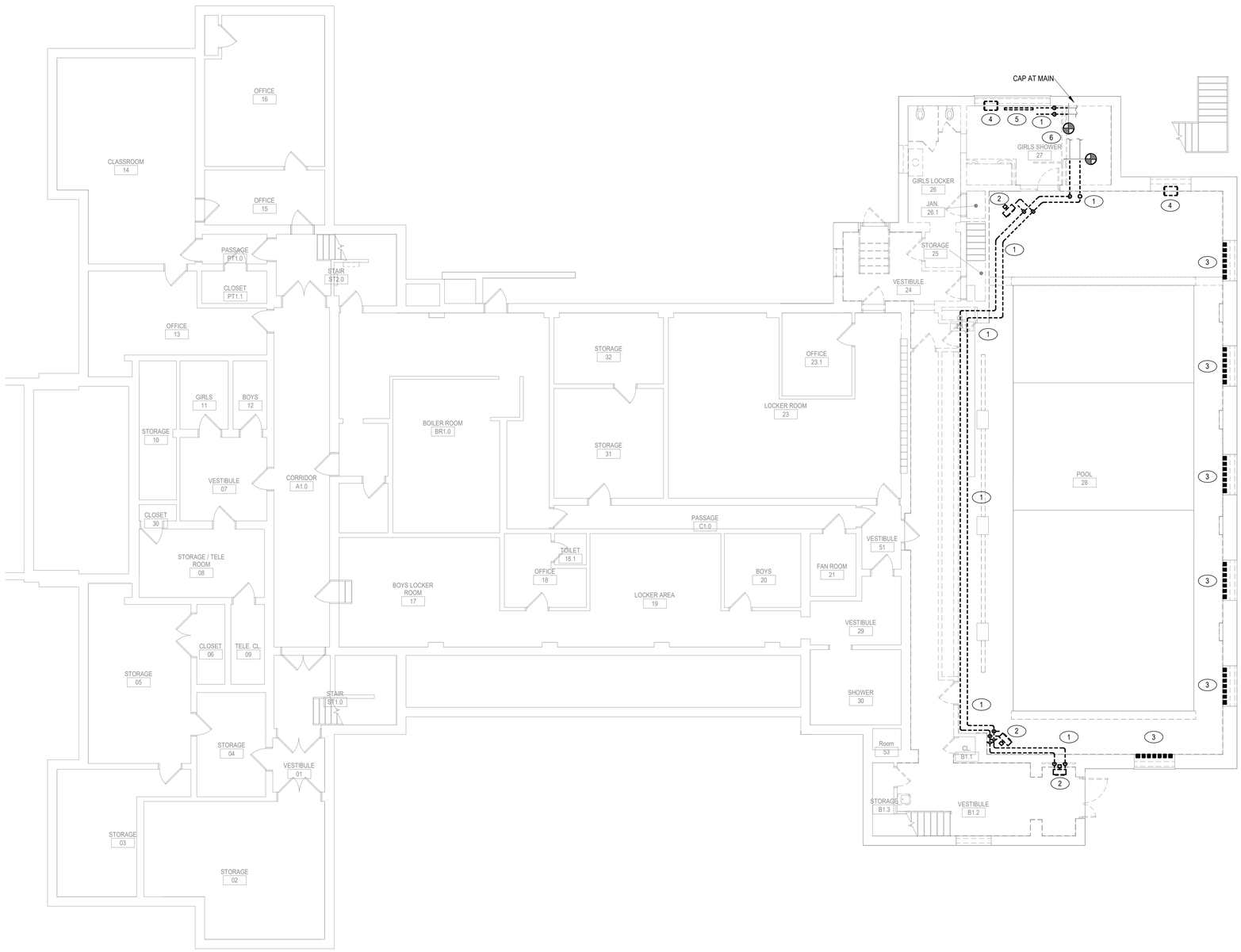
Drawing Title :
SCHEDULES

Drawn by : MJB
Date : 10/1/2024
APN : 2224.2A

Drawing Number :
M 002

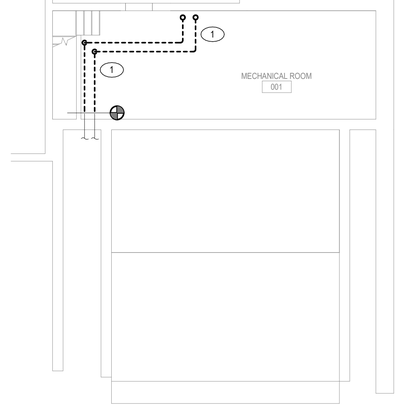
REMOVAL NOTES: (1)

1. REMOVE PIPE, HANGERS, FITTINGS, ETC BACK TO MARKED LOCATION. REPAIR ALL OPENINGS IN FINISHED SPACES.
2. REMOVE CABINET HEATER/UNIT HEATER AND ALL ASSOCIATED SUPPORTS, HANGERS, PIPING ETC.
3. REMOVE LOUVER, STEAM CONNECTOR, PIPING AND ALL ASSOCIATED ACCCESSORIES. REPAIR OPENING.
4. REMOVE FAN AND ALL ASSOCIATED ACCESSORIES.
5. REMOVE RADIATOR WITH ALL ASSOCIATED SUPPORTS, HANGERS, MOUNTS, PIPING ETC.
6. REMOVE DRYER VENT. GC TO REPAIR WALL.



1 LOWER LEVEL MECHANICAL REMOVAL PLAN

SCALE: 1/8" = 1'-0"



2 BASEMENT MECHANICAL REMOVAL PLAN

SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL MECHANICAL REMOVAL PLAN

APN: 2224-3A | Date: 10/11/2024 | Drawn by: M.B.

Drawing Number:

M 201

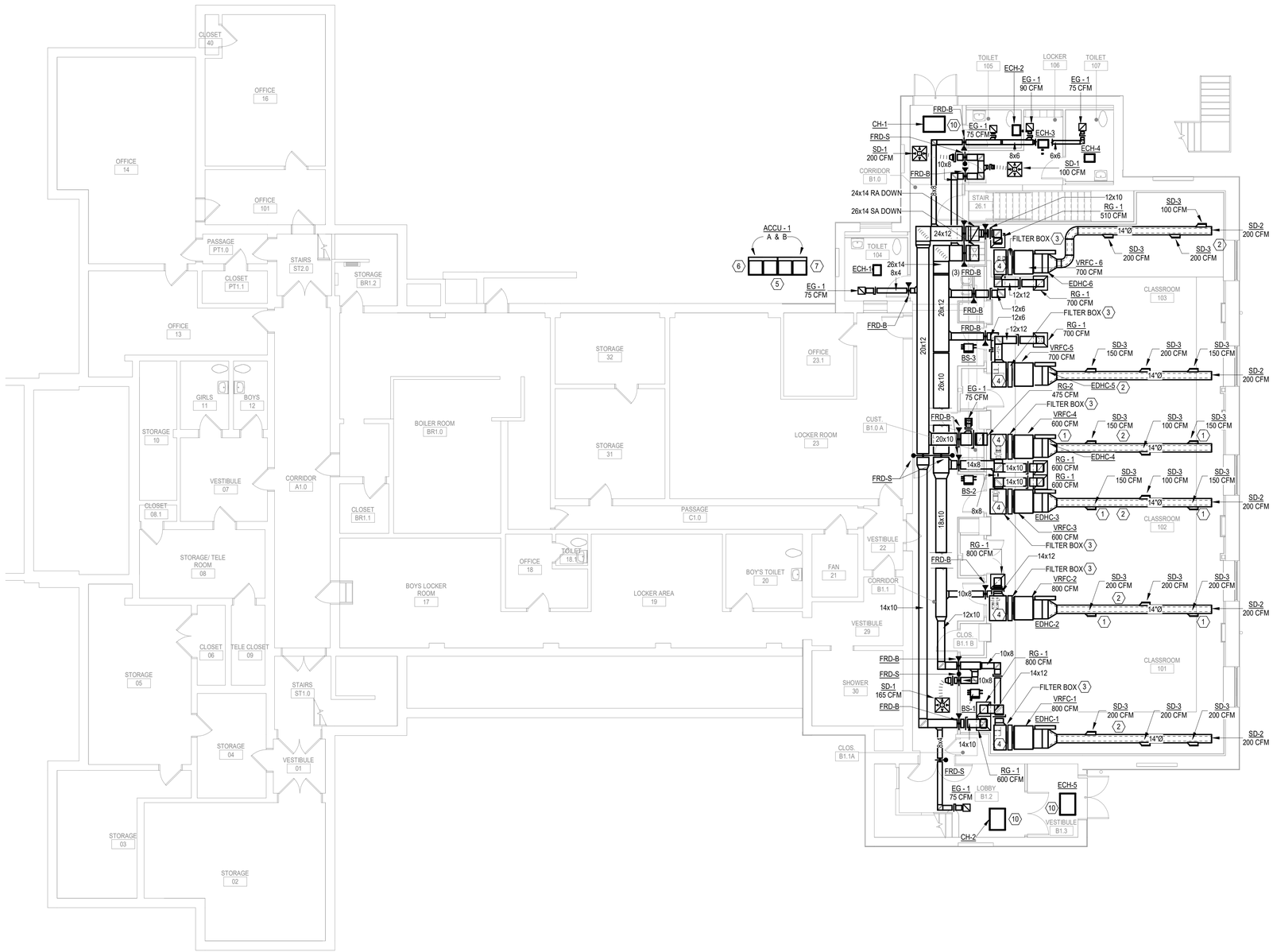
SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

GENERAL NOTES:

A. SOFFIT IN CLASSROOM TO CONCEAL MECHANICAL EQUIPMENT AND TO BE CONSTRUCTED AT 8'-0" ABOVE FINISHED FLOOR.

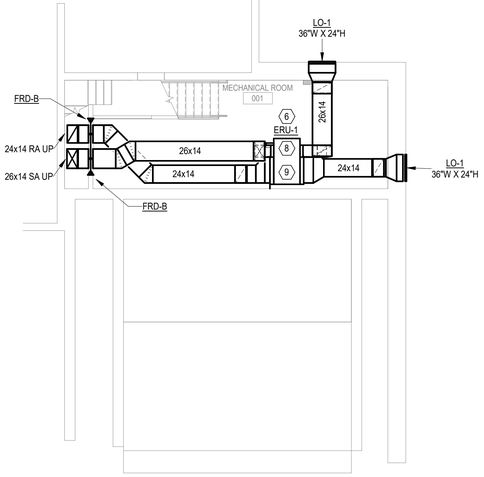
DRAWING NOTES: ⬡

1. DUCT TAP AND DIFFUSER TO BE INSTALLED AT 30 DEGREE INCLINATION BELOW THE CENTERLINE OF THE MAIN DUCT.
2. PROVIDE DOUBLE WALLED, LINED SPIRAL DUCTWORK, 14" ID, FOR ALL EXPOSED ROUND DUCT.
3. PROVIDE MANUFACTURERS FILTER BOX AND FILTER.
4. PROVIDE RETURN PLENUM. OUTSIDE AIR DUCT TO CONNECT FROM BOTTOM OF PLENUM. RETURN AIR DUCT TO CONNECT FROM SIDE OF PLENUM.
5. UNITS TO BE INSTALLED 1" APART ACCORDING TO MANUFACTURER SPECIFICATION. UNITS TO HAVE 4" OFFSET FROM BUILDING.
6. PROVIDE NEW 3" CONCRETE PAD TO BE 4" LARGER THAN UNIT.
7. PROVIDE MANUFACTURERS SNOW AND WIND HOOD ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
8. UNIT TO BE STRIPPED OF ALL ACCESSORY EQUIPMENT LOCATED ON THE EXTERIOR OF THE CASE OR UNTIL THE UNIT CAN FIT THROUGH THE PROVIDED DOOR / OPENING. UNIT TO BE FULLY REASSEMBLED IN FIELD AFTER INSTALLATION.
9. UNIT TO BE INSTALLED IN THE UPSIDE DOWN ORIENTATION. THE NON-SERVICABLE SIDE OF THE UNIT TO BE 6" FROM WALL. ADJUST ANY EQUIPMENT NECESSARY TO MATCH NEW ORIENTATION.
10. CEILING CABINET HEATERS TO OUTPUT TOWARDS ADJACENT DOORWAY.



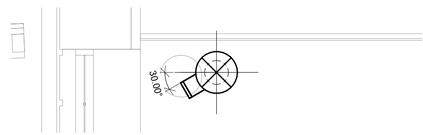
1 LOWER LEVEL DUCT PLAN

SCALE: 1/8" = 1'-0"



2 BASEMENT DUCT PLAN

SCALE: 1/8" = 1'-0"



3 DIFFUSER ORIENTATION DIAGRAM

SCALE: 1/2" = 1'-0"

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Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

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Drawing Title:
BASEMENT & LOWER LEVEL DUCT PLAN

Drawn by: M.B.
Date: 10/11/2024
APN: 2226.2A

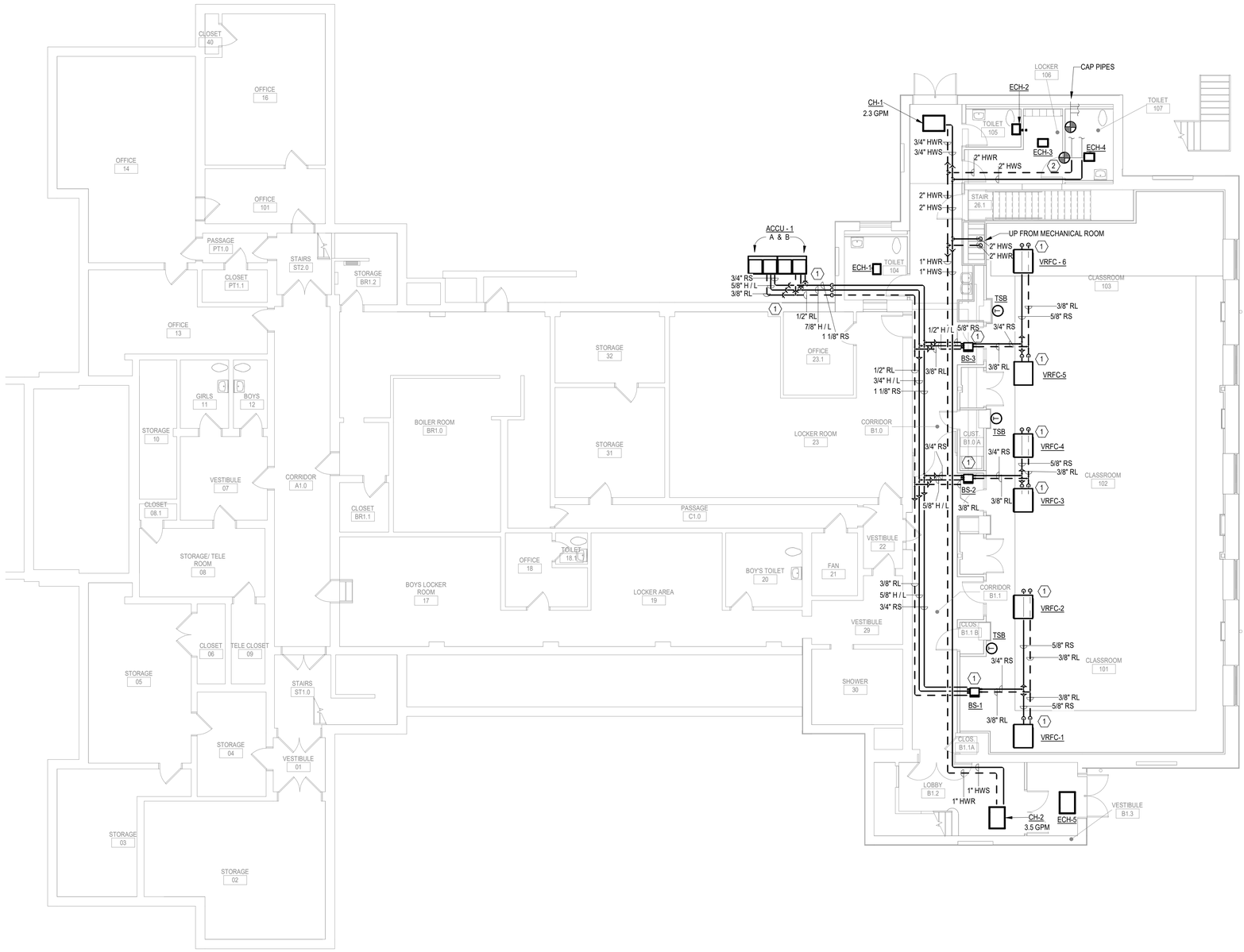
Drawing Number:
M 301

SED NUMBERS:
■ Administration Building: 44-15-00-01-0-029-013

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

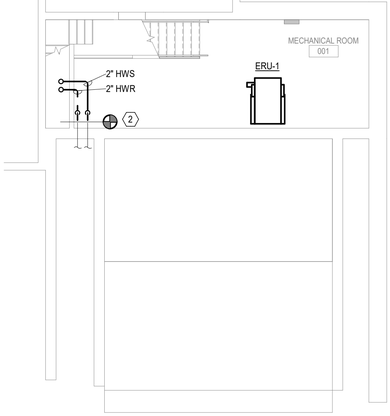
DRAWING NOTES:

1. CONNECT REFRIGERANT PIPING TO UNIT AS DEPICTED IN MANUFACTURERS DRAWINGS IN M600 SERIES.
2. CONNECT NEW PIPE INTO EXISTING SYSTEM AT MARKED LOCATION.



1 LOWER LEVEL PIPING PLAN

SCALE: 1/8" = 1'-0"



2 BASEMENT PIPING PLAN

SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

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Drawing Title:
BASEMENT & LOWER LEVEL PIPING PLAN

Drawn by: M.B.
Date: 10/11/2024
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Drawing Number:
M 401

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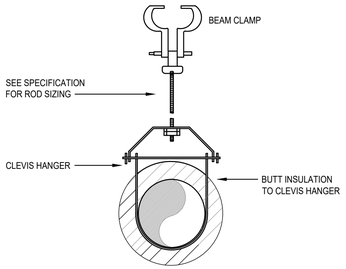
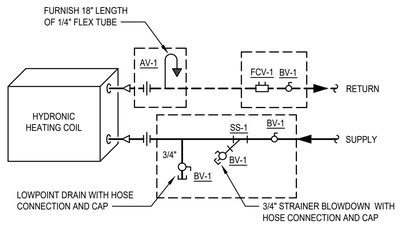
■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.



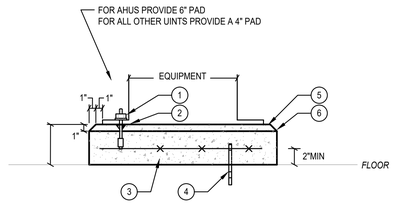
1 HW PIPING MAIN HANGER
SCALE : NONE

NOTES:
1. PROVIDE ANCHORS FOR CONNECTION INTO DECKING.



2 TYPICAL CH AND UH HEATING ONLY PIPING DIAGRAM
SCALE : NONE

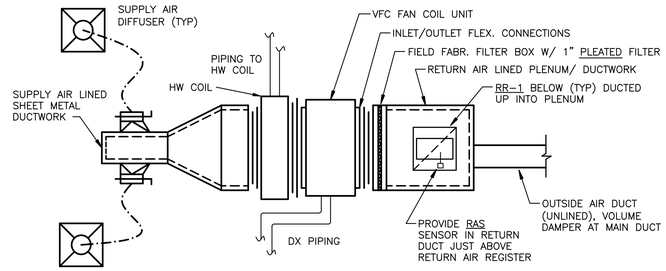
NOTE(S):
1. FCV SIZED TO MATCH FLOW.
2. PROVIDE UNIONS ON COIL CONNECTIONS.
3. AREAS SHOWN IN DASHED BOXES WILL BE ALLOWED FOR COIL KITS.
4. COILS KITS THAT ARE SUPPLIED WITH FLEXIBLE HOSES WILL BE REJECTED WITHOUT REVIEW.
5. PROVIDE SEPARATE 3/4" DRAIN WHEN STRAINER & BLOWDOWN IS NOT THE LOW POINT IN PIPING.
5. ALL PIPING AND WATER SPECIALTIES TO BE LINE SIZE.
6. PROVIDE BRASS CAPS ON DRAINS. ALL BALL VALVES TO BE 1/4 TURN.



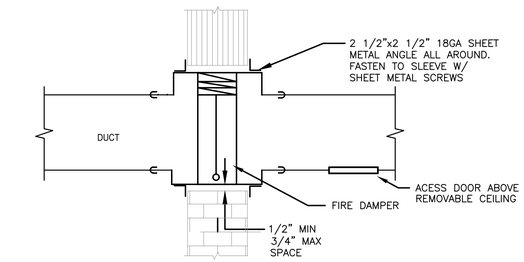
DETAIL NOTE: #

1. ANCHOR BOLT, SIZE & LOCATION AS REQUIRED TO MATCH EQUIPMENT BASE
2. PLASTIC SLEEVE & ANCHOR
3. #4 REINFORCING BARS, 12" O.C EACH WAY
4. #4 DOWEL, 12" O.C
5. CONCRETE PAD 3,000 PSI CONCRETE LENGTH & WIDTH 6" GREATER THAN THE EQUIPMENT BASE PLATE
6. CHAMFER

3 CONCRETE EQUIPMENT PAD DETAIL
SCALE : NONE



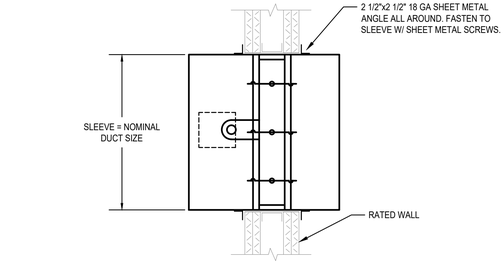
4 VARIABLE REFRIGERANT SYSTEM TYPICAL DIAGRAM
SCALE : NONE



5 VERTICAL FIRE DAMPER 'FRD' DIAGRAM - METAL STUD WALL
SCALE : NONE

7 VERTICAL FIRE DAMPER 'FRD' DIAGRAM - MASONRY WALL
SCALE : NONE

NOTE: DETAIL SIMILAR THRU CONCRETE FLOOR SLAB

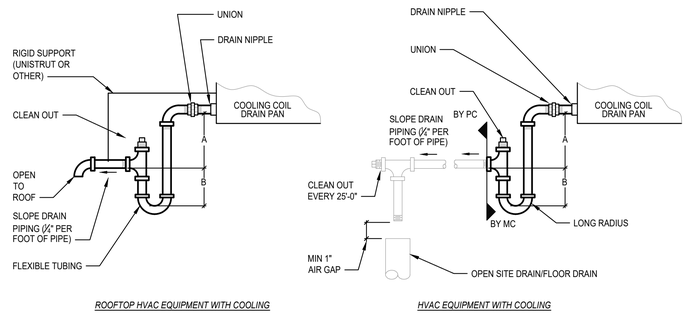


6 VERTICAL FIRE/SMOKE DAMPER 'FRD-S' DIAGRAM IN STUD WALL
SCALE : NONE

8 VERTICAL FIRE/SMOKE DAMPER "FRD-S" DIAGRAM IN WALL
SCALE : NONE

DRAW-THRU UNIT			BLOW-THRU UNIT		
MAX NEGATIVE PRESSURE	MIN A (IN.)	MIN B (IN.)	MAX POSITIVE PRESSURE	MIN A (IN.)	MIN B (IN.)
1	2	1.5	1	1	1
2	3	2.0	2	1	2
3	4	2.5	3	1	3
4	5	3.0	4	1	4
5	6	3.5	5	1	5
6	7	4.0	6	1	6
7	8	4.5	7	1	7
8	9	5.0	8	1	8
9	10	5.5	9	1	9
10	11	6.0	10	1	10

DRAIN SIZE CHART	
COOLING CAPACITY (TONS)	MIN PIPE DIAMETER (IN.)
UP TO 20	¾
20-40	1
40-90	1-1/4
90-125	1-1/2
125-250	2



ROOFTOP HVAC EQUIPMENT WITH COOLING

HVAC EQUIPMENT WITH COOLING

9 COOLING COIL DRAIN DIAGRAM
SCALE : NONE

NOTES:
1. DRAIN PIPE SIZING SHALL NOT BE SMALLER THAN EQUIPMENT DRAIN CONNECTION.

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision :
1ISSUED FOR BID
05/21/2025

Drawing Title :
DETAILS AND DIAGRAMS

Drawn by : JM,B
Date : 10/11/2024
APN : 2224-2A

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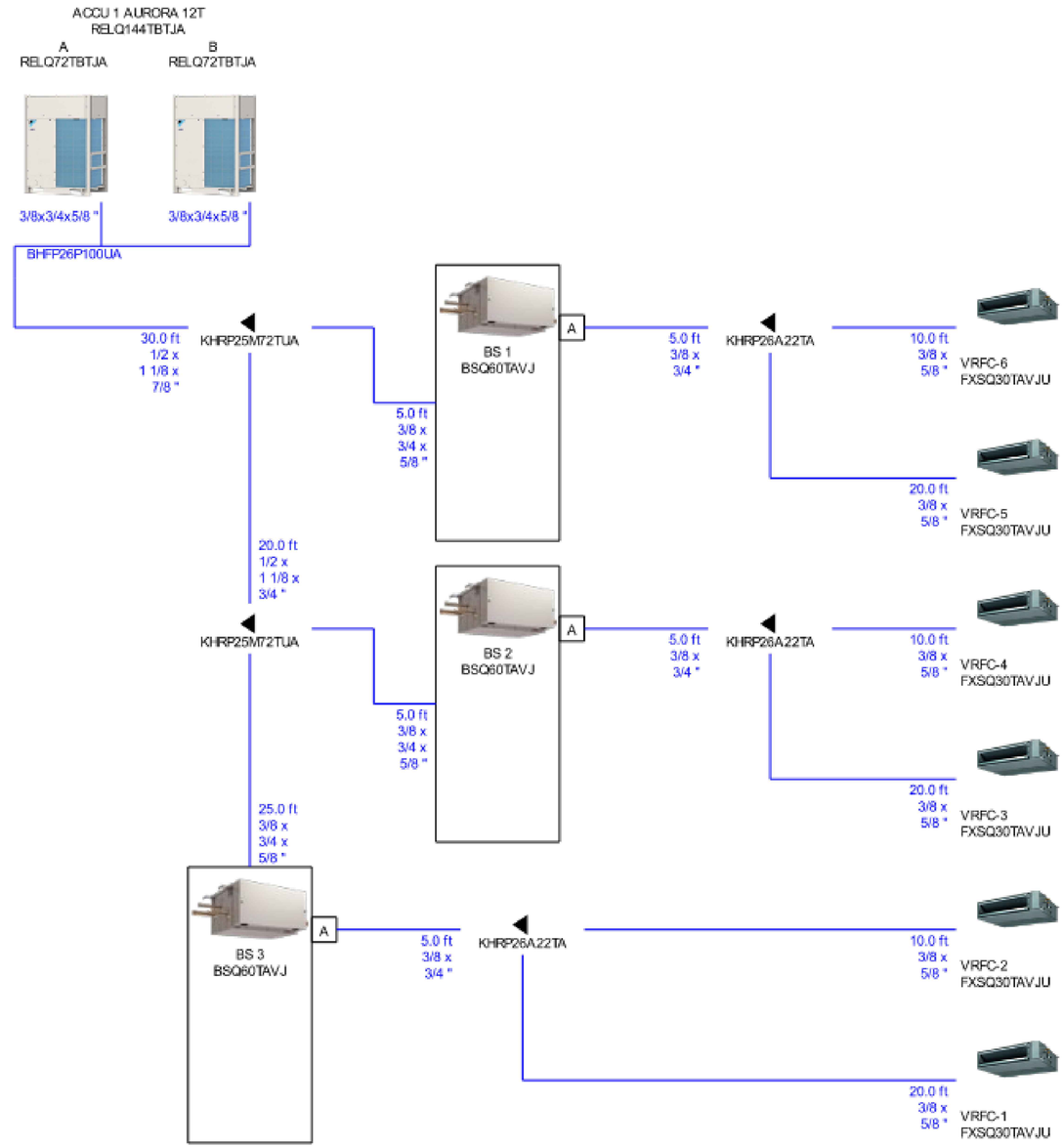
M
601



NOTE: PROVIDE (1) MAIN VRF TOUCH SCREEN THAT HAS BACNET IP CAPABILITY THAT THE BMS WILL TIE INTO.

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision :
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Drawing Title :
DETAILS AND DIAGRAMS

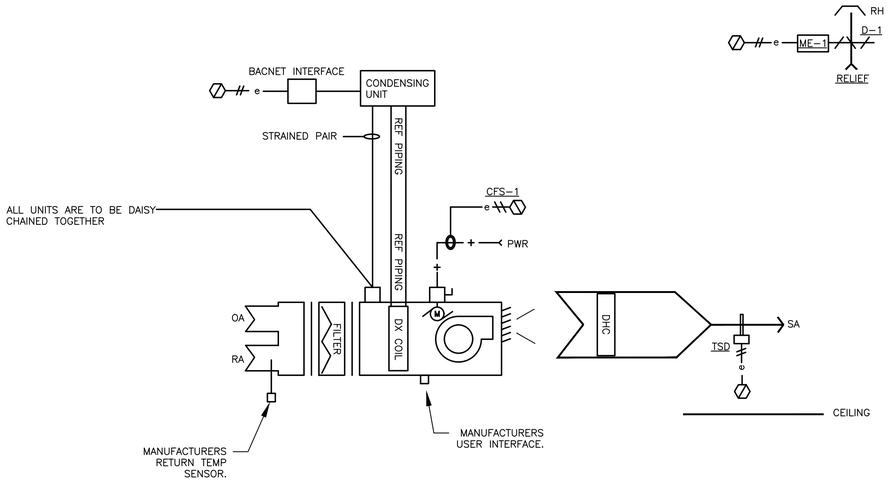
APN : 2226.2A | Date : 10/11/2024 | Drawn by : MLB

Drawing Number :
M 602

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED. CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

DAIKIN POINT NAME	WRITEABLE FUNCTION	SHOWN ON BMS GRAPHIC
ON/OFF	Y	X
OPERATION MODE	Y	X
SETPOINT SETTING	Y	X
FAN SPEED SETTTING	Y	X
FORCED SYSTEM STOP	Y	X
ALARM	N	X
MALFUNCTION CODE	N	X
OPERATION MODE	N	X
ROOM TEMPERATURE	N	X
THERMO-ON STATUS	N	X
COMPURESSOR STATUS	N	X
INDOOR FAN STATUS	N	X
	N	X

NOTES:
1. BMS CONNECTION AT CONDENSING UNIT. ALL FUNCTIONS AND OPERATION WILL GO THROUGH THE CONDENSING UNIT
2. TC TO HAVE FAN OPERATE CONSTANTLY IN OCCUPIED MODE AND INTERMITTENTLY IN UNOCCUPIED MODE.
3. BMS TO SEND DAIKIN SYSTEM COOLING SETPOINT AND DAIKIN SYSTEM WILL OPERATE AS REQUIRED TO MAINTAIN SETPOINT.
4. BMS TO FULLY CONTROL THE HEATING COIL.



1 VRF SYSTEM/BMS INTERFACE

SCALE : NONE

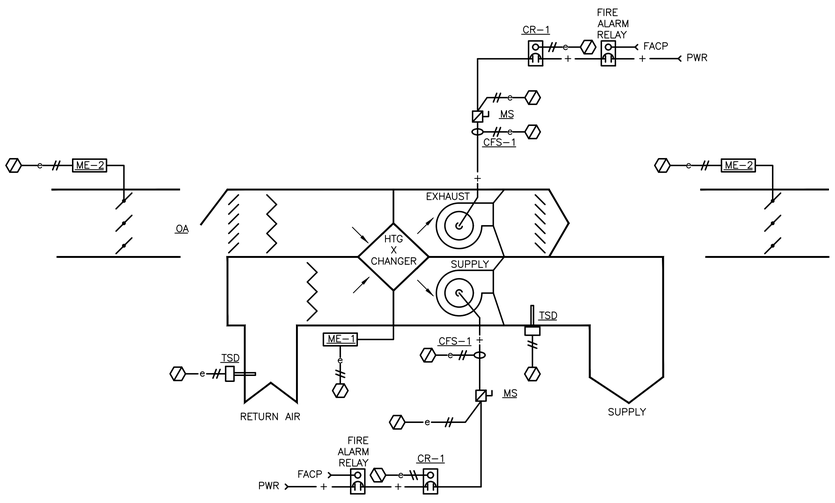
FAN COIL UNIT SHOWN. FOR CASSETTE UNIT, PROVIDE WALL TEMPERATURE SENSOR AND ME-1/D-1 ON INTAKE DUCT.

NOTES:
1. SYSTEM SHOULD BE FULLY FUNCTIONAL BEFORE BMS IS INTEGRATED.
2. TC TO INSTALL USER INTERFACE AND RETURN TENP SENSOR.
3. TC TO INSTALL WIRING FROM CONDENSING TO FAN COIL. ALL UNITS ARE DAISY CHAINED TOGETHER.

BMS POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
BACNET INTERFACE											X
DISCHARGE TEMPERATURE SENSOR	TSD								X		X
SPACE TEMPERATURE SENSOR	TSB							X			X

A. VRFC UNIT CONTROL SEQUENCE:

1. GENERAL: THIS TEMPERATURE CONTROL CONTRACTOR WILL INSTALL ROOM SENSORS/CONTROLLER BOARDS PROVIDED BY HEATING CONTRACTOR AS PER SPECIFICATIONS 238115, 230993.
2. NOTE: THIS CONTRACTOR TO INSTALL TSB IN EACH ROOM THAT WILL HAVE FIN IN IT OR BE SERVED BY A DUCT COIL OR VRFC UNIT.
3. BMS SHALL INTERFACE WITH MANUFACTURERS PACKAGED CONTROLS. BMS SHALL HAVE OVERALL CONTROL OF THE SYSTEM.
4. SEQUENCE AS FOLLOWS:
   a. VRFC FAN SHALL RUN IN OCCUPIED MODE AT ALL TIMES SO OA IS SUPPLIED TO ROOM. UNIT SHALL RUN INTERMITTENTLY IN UNOCCUPIED TIME TO MAINTAIN NIGHT SETBACK AS DESCRIBED BELOW.
   b. THERE SHALL BE A DEADBAND BETWEEN HEATING AND COOLING TO PREVENT SIMULTANEOUS HEATING AND COOLING.
   c. VRFC SHALL MAINTAIN A COOLING SETPOINT OF 78DEG (ADJ).
   d. VRFC (REFRIGERANT SYSTEM) SHALL BE THE SECONDARY IN HEATING. HEATING SETPOINT IS 68 (ADJ).
      (1) DHC CONTROL VALVE SHALL MODULATE OPEN WHEN ROOM TEMPERATURE IS 3DEG FROM SETPOINT (ADJ).
      (2) DUCT HEATER COIL:
         (2)1) OCCUPIED CYCLE: WHEN ROOM IS 3 DEG (ADJ) BELOW SETPOINT MODULATE OPEN DUCT HEATER COIL VALVE.
         (2)2) UNOCCUPIED CYCLE: ROOM SENSOR WILL MAINTAIN UNOCCUPIED SETPOINT (60°F ADJUSTABLE) WHEN ROOM TEMPERATURE DROPS BELOW SETPOINT, OPEN DUCT HEATER COIL VALVE TO MAINTAIN DEPRESSED NIGHT TEMPERATURE. WHEN DUCT HEATER VALVE OPENS VRFC UNIT FAN WILL RUN. VRFC UNITS WITH FIN RADIATION IN THEIR ROOMS WILL USE THE FIN RADIATION TO MAINTAIN DEPRESSED NIGH TEMPERATURE SETPOINT OF 60°F (ADJUSTABLE) AND SUPPLEMENT HEAT WITH VRFC AND DHC IF FIN IS NOT ABLE TO MAINTAIN ROOM SETPOINT.
      (1) IF ROOM HAS RADIATION, THE RADIATION CONTROL VALVE SHALL MODULATE OPEN WHEN ROOM SETPOINT IS 2 DEG FROM SETPOINT (ADJ).
      (2) FIN RADIATION:
         (2)1) OCCUPIED CYCLE: ON A DROP IN TEMPERATURE, ROOM SENSOR WILL OPEN FIN RADIATION VALVE (CVT) WHERE APPLICABLE. ON DROP IN ROOM TEMPERATURE BELOW DHC SENSOR SETPOINT OPERATOR WORKSTATION WILL OPEN FIN RADIATION VALVE TO SUPPLEMENT VRFC CONTROL OF ROOM TEMPERATURE. FIN RADIATION VALVE WILL CLOSE WHEN VRFC UNIT IS ENERGIZED FOR COOLING.
         (2)2) UNOCCUPIED CYCLE: FIN RADIATION VALVE WILL CLOSE AND ROOM SENSOR WILL MAINTAIN A DEPRESSED NIGHT TEMPERATURE SETTING. UNITS WITH FIN RADIATION IN THEIR ROOMS WILL USE THE FIN RADIATION TO MAINTAIN DEPRESSED NIGH TEMPERATURE SETPOINT OF 60°F (ADJUSTABLE) AND SUPPLEMENT HEAT WITH DHC IF FIN IS NOT ABLE TO MAINTAIN ROOM SETPOINT.
6. VRFC UNITS ARE TO BE COMMISSIONED, AND CALIBRATED BY HEATING CONTRACTOR AND SUPPLIER OF EQUIPMENT. MANUFACTURES REPRESENTATIVE TO BE PRESENT DURING START UP.
7. MANUFACTURERS ROOM TEMPERATURE SENSORS ARE TO BE CALIBRATED BY THIS CONTRACTOR, SO THEY ALIGN WITH TSB IN ROOM.



2 ERU CONTROLS DIAGRAM

SCALE : NONE

POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
SUPPLY FAN		--									
SUPPLY FAN START/STOP	CR-1				X				X		X
SUPPLY FAN VFD FAULT				X						X	
SUPPLY FAN STATUS	CFS-1			X					X		X
EXHAUST FAN		--									
EXHAUST FAN START/STOP	CR-1				X				X		X
EXHAUST FAN VFD FAULT				X						X	
EXHAUST FAN STATUS	CFS-1			X					X		X
RETURN TEMPERATURE	TSD	X							X		X
CLOGGED FILTER SWITCH				X					X	X	X
DISCHARGE TEMPERATURE SENSOR	TSD	X							X		X
DAMPER - NOTE 1	ME-2		X						X		X

1. SEE SCHEMATIC FOR QUANTITY OF DAMPERS.

I. ENERGY RECOVERY UNITS:

1. UNIT IS TO PROVIDE OUTSIDE AIR TO INTERIOR AREAS. UNITS SHALL OPERATE DURING OCCUPIED CYCLE ONLY. IF THE DHC SEES A FREEZING TEMP AND THE FREEZE STAT TRIPS, THE UNIT SHALL STOP, DHC SHALL OPEN FULLY AND ALARM THE BMS.
2. UNOCCUPIED CYCLE:
   a. WHEN LOCAL ZONE SWITCHES TO NIGHT CYCLE, CLOSE OA AND EA DAMPERS, AND TURN OFF FANS.

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

Drawing Title:
TEMPERATURE CONTROLS

Drawn by: MJB
Date: 10/1/2024
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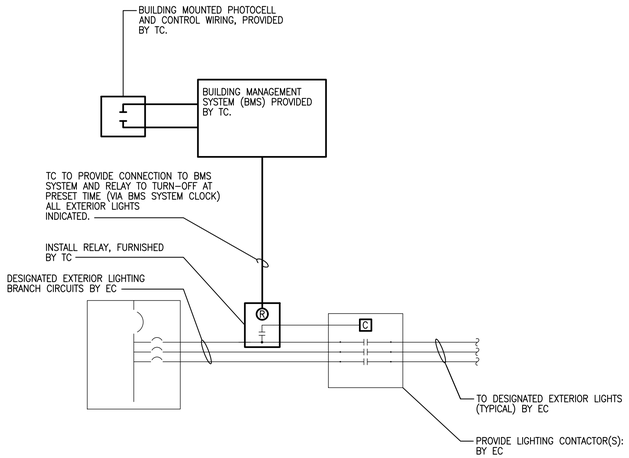
M
701

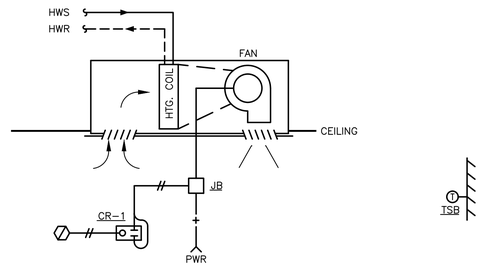


POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
BMS RELAY					X			X			X

1 EXTERIOR LIGHTING CONTROL SCHEMATIC
SCALE : NONE

IN MECHANICAL ROOM 001

POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	DV	SCHED	TREND	ALARM	
CH FAN START/STOP	CR-1				X				X		X
FAN STATUS					X						X
SPACE TEMPERATURE	TSB	X							X		X
SCHEDULE								X			
SPACE TEMP. SET POINT						X			X		X
LOW SPACE TEMPERATURE										X	
HIGH SPACE TEMPERATURE										X	

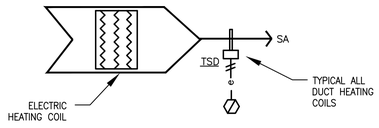


2 CABINET HEATER CONTROL
SCALE : NONE

A. CABINET HEATERS WITH DDC CONTROL SEQUENCE (THIS APPLIES TO ALL FANS THAT ARE NOT INTERMITTENT USE, IE WITH AN ON/OFF SWITCH IN THE ROOM):
   1. OCCUPIED CYCLE:
      a. ENABLE CH UNITS WHEN:
         (1) BOILERS AND HOT WATER PUMPS ARE OPERATIONAL.
         (2) OAT BELOW SETPOINT (INITIAL SP = 50F).
      b. OPERATE CH FAN WHEN SPACE SENSOR FALLS BELOW SETPOINT (INITIAL SP = 70F).
   2. UNOCCUPIED CYCLE:
      a. FAN SHALL RUN INTERMITTENTLY TO MAINTAIN A LOWER NIGHT SETPOINT (INITIAL SP = 60F).

POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC	REMARKS
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM		
SCR CONTROL			X						X		X	
DISCHARGE AIR TEMP	TSD	X							X		X	
SPACE TEMPERATURE	TSB/TSR	X						X	X		X	1
SPACE TEMP. SET POINT						X			X		X	
LOW SPACE TEMPERATURE										X		
HIGH SPACE TEMPERATURE										X		

REMARKS:
1. REFER TO PLANS FOR SENSOR TYPE/LOCATIONS.



3 DUCT HEATING COIL CONTROLS DIAGRAM
SCALE : NONE

A. DUCT HEATING COIL:
   1. CHANGES IN SPACE TEMPERATURE BELOW SETPOINT WILL CAUSE CONTROLLER TO INDEX DISCHARGE TEMPERATURE ACCORDING TO A PRESET SCHEDULE. DUCT HEATER COIL IS CONTROLLED IN TANDEM WITH ROOF TOP UNIT FROM ROOM SENSOR TO HOLD ROOM TEMPERATURE SETPOINT OF 72°F (ADJUSTABLE). CONTROLLER WILL MODULATE HEATING CONTROL VALVE TO MAINTAIN DESIRED TEMPERATURE.
   2. IF HEATING COIL LEAVING AIR TEMPERATURE FALLS BELOW 35°F, CONTROLLER SHALL STOP RTU FAN, CLOSE OAD, AND SIGNAL ALARM CONDITION TO SYSTEM.

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
05/21/2025

Drawing Title :
TEMPERATURE CONTROLS

Drawn by : MLB
Date : 10/11/2024
APN : 2226-2A

Drawing Number :
M
702

GENERAL NOTES - REMOVALS

A. THIS INFORMATION REPRESENTS EXISTING CONDITIONS BASED ON ORIGINAL DRAWINGS AND OBSERVED SITE CONDITIONS. NOT ALL CONDUIT, WIRE, FIXTURES AND DEVICES ARE SHOWN. FIELD VERIFY THE EXACT REQUIREMENTS IN ALL REMOVAL AREAS. DISCONNECT AND REMOVE ALL ELECTRICAL WORK THAT IS SHOWN DASHED ON REMOVAL PLANS AND ALL ELECTRIC WORK IN RENOVATION AREAS THAT IS NOT BEING REUSED. REMOVE ALL BRANCH CIRCUITING, LOW VOLTAGE CABLING, SUPPORTING DEVICES, RACEWAY, AND ASSOCIATED TERMINATION HARDWARE.

B. "ERL" ADJACENT TO A DEVICE, FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO BE RELOCATED. DISCONNECT AND REMOVE THE ITEM. REMOVE ALL UNNECESSARY RACEWAY AND WIRING. REINSTALL AND RECONNECT THE ITEM AS REQUIRED.

C. "EXR" ADJACENT TO A DEVICE FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO REMAIN. MAINTAIN EXISTING CONNECTIONS TO EQUIPMENT UNLESS NOTED OTHERWISE.

D. PROVIDE FIRE STOPPING CUTTING, PATCHING AND PAINTING AS REQUIRED TO REPAIR HOLES OR OTHER PHYSICAL DEFECTS CAUSED BY THE REMOVAL OR INSTALLATION OF EQUIPMENT AND DEVICES. THE CONTRACTOR SHALL PROVIDE A QUALIFIED TRADES PERSON TO RESTORE FINISHED WALLS TO ORIGINAL CONDITIONS AND PAINT TO MATCH EXISTING COLORS.

E. PROVIDE STAINLESS STEEL BLANK COVER PLATES ON ALL UNUSED ELECTRICAL BOXES AFTER DEMOLITION AND INSTALLATION WORK IS COMPLETE. PROVIDE CEILING TILE REPLACEMENT FOR ALL ELECTRICAL ITEMS MOUNTED TO CEILING AFTER REMOVALS.

F. WHERE EXISTING DEVICES ARE BEING REMOVED AND THE REMOVAL BREAKS AN EXISTING BRANCH CIRCUIT TO DOWNSTREAM DEVICE THE CONTRACTOR SHALL PROVIDE ALL WIRING TO PERMANENTLY RECONNECT THE REMAINING DEVICE EQUIPMENT OR FIXTURE.

G. THE CONSTRUCTION MANAGER OR GENERAL CONTRACTOR WILL SCHEDULE ALL REMOVAL WORK. PRIOR TO BEGINNING REMOVAL WORK PROVIDE AN EXISTING CONDITION REPORT WITH PICTURES AND SUBMIT TO THE CONSTRUCTION MANAGER. ANY DAMAGES OR EXISTING CONDITIONS THAT ARE NOT DOCUMENTED WILL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL COMPLETION.

H. LEGALLY DISPOSE OF ALL ELECTRICAL WIRING, DEVICES, BALLAST, LAMPS ETC. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL OF HAZARDOUS WASTE.

I. FIELD VERIFY ALL IN WALL WIRING WHERE WALLS ARE BEING REMOVED. REROUTE THROUGH WIRING AS REQUIRED.

J. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND CLARIFICATION.

K. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND IN-WALL BRANCH CIRCUITING WHERE WALLS ARE BEING DEMOLISHED. RELOCATE AND REWORK ALL DEVICES AND BRANCH CIRCUITING TO ALLOW FOR WALL DEMOLITION.

GENERAL NOTES - INSTALLATION

A. COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. VERIFY DEVICE LOCATIONS ABOVE MILLWORK TO ENSURE CLEARANCE ABOVE THE COUNTER-TOP AND BACKSPLASH. DEVICES THAT INTERFERE WITH NEW CASEWORK, MILLWORK OR EQUIPMENT SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE CONTRACT.

B. WHERE DEVICES ARE SCHEDULED TO BE INSTALLED IN CASEWORK AND MILLWORK SUPPLIED BY THE GENERAL CONTRACTOR, OBTAIN A SHOP DRAWING FROM THE GENERAL CONTRACTOR PRIOR TO ROUGHING. WHERE REQUIRED, CUT OPENINGS IN MILLWORK OR COORDINATE OPENINGS WITH THE GENERAL CONTRACTOR.

C. COORDINATE ALL CONDUIT RUNS WITH OTHER TRADES PRIOR TO ROUGH-IN. RELOCATE ANY CONDUITS AS NECESSARY TO PERMIT INSTALLATION OF DUCTWORK OR PIPING.

D. INSTALL ALL CIRCUITING CONCEALED INSIDE WALL CAVITY WHERE EVER POSSIBLE. PROVIDE SURFACE MOUNTED BACKBOXES AND RACEWAY FOR WIRING DEVICES LOCATED ON EXISTING SOLID WALL CONSTRUCTION. PROVIDE SHALLOW TYPE BACKBOXES FOR SURFACE MOUNTED POWER AND SWITCHING APPLICATIONS. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.

E. FIRESTOP ALL LOW VOLTAGE SLEEVES AND PENETRATIONS AFTER INSTALLATION OF CABLE.

F. PROVIDE OPEN TOP CABLE HANGERS 4' ON CENTER SUPPORTED TO SUPPORT ALL LOW VOLTAGE CABLING ABOVE ACCESSIBLE CEILINGS. PROVIDE SEPARATE CABLE HANGERS FOR BACKBONE CABLING, HORIZONTAL CABLING, PUBLIC ADDRESS & SECURITY CABLING, AND FIRE ALARM CABLING. INSTALL ALL EXPOSED CABLES IN EMT CONDUIT OR SURFACE RACEWAY IN FINISHED AREAS.

G. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.

H. OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE GENERAL, MECHANICAL OR PLUMBING CONTRACTORS PRIOR TO ROUGHING. WORK THAT IS NOT PROPERLY COORDINATED WILL BE RELOCATED AT NO COST TO THE OWNER.

I. COORDINATE THE LOCATION OF ALL RECEPTACLES, COMMUNICATIONS OUTLETS, AND OTHER DEVICES WITH FURNITURE AND MILWORK CONTRACTORS PRIOR TO ROUGH-IN.

GENERAL NOTES - SITE

A. UNLESS OTHERWISE NOTED ALL CONDUITS ON THE SITE ARE DIRECT BURIED. REFER TO SITE DETAILS FOR ADDITIONAL WORK REQUIRED.

B. ALL EXCAVATION AND BACK FILL TO BE PROVIDED BY THE SITE CONTRACTOR. REFER TO SITE CONTRACTORS DETAILS AND REQUIREMENTS FOR ADDITIONAL INFORMATION.

C. UNLESS OTHERWISE NOTED, FOR UNDERGROUND CONDUIT RUNS, PROVIDE SCHEDULE 80 PVC CONDUITS FOR HORIZONTAL UNDERGROUND CONDUIT SECTIONS. PROVIDE PVC-TO-GRS-ADAPTERS, GRS 90 DEGREE SWEEPS, AND GRS VERTICAL CONDUIT SECTIONS.

D. SITE CONTRACTOR IS RESPONSIBLE TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION WORK.

E. VERIFY FINAL GRADE ELEVATIONS WITH SITE CONTRACTOR PRIOR TO SETTING HANDHOLES, PULLBOXES AND POLES. CONDUITS, MANHOLE COVERS, HANDHOLE COVERS, AND CONCRETE EQUIPMENT PADS SHALL BE COORDINATED WITH FINAL GRADES INDICATED ON SITE CONTRACTOR'S PLANS.

GENERAL NOTES - POWER DISTRIBUTION

A. PROVIDE (2)-#10, (1)-#10 EG WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.

B. THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.

C. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONNECTIONS TO ELECTRICAL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.

D. PROVIDE DEDICATED NEUTRALS FOR ALL 120V, 20A, SINGLE PHASE BRANCH CIRCUITS.

E. DO NOT INSTALL NORMAL AND EMERGENCY POWER IN THE SAME RACEWAY, JUNCTION BOX, OR OUTLET BOX. PROVIDE SEPARATE OR SEGREGATED RACEWAY SYSTEMS.

F. WHERE BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, THE BREAKERS SHALL BE LISTED/LABELED FOR USE IN THE EXISTING PANEL AND THE KAIC RATING SHALL MATCH THE KAIC RATING OF THE EXISTING PANEL.

G. WHERE BOXES ARE INSTALLED FLUSH IN A FIRE RATED WALL PROVIDE AN APPROVED ENDOTHERMIC WRAP AROUND THE ENTIRE ENCLOSURE. SEAL CONDUIT PENETRATIONS WITH APPROVED FIRE PUTTY.

H. NOT ALL FEEDERS ARE SHOWN IN PLAN, REFER TO ONE-LINE DIAGRAM. COORDINATE THE EXACT ROUTING IN THE FIELD. PROVIDE ALL REQUIRED OFFSETS AND PULL BOXES AS REQUIRED.

GENERAL NOTES - LIGHTING

A. REFER TO THE REFLECTED CEILING PLANS IN THE ARCHITECTURAL DRAWINGS FOR EXACT LIGHT FIXTURE LOCATIONS.

B. REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATIONS OF ALL WALL MOUNTED FIXTURES. IF FIXTURES ARE NOT SHOWN, ISSUE AN RFI.

C. OCCUPANCY SENSOR LOCATIONS SHALL BE DETERMINED IN THE FIELD TO ACHIEVE OPTIMAL PERFORMANCE. PROVIDE ALL SENSITIVITY AND AIMING ADJUSTMENTS.

D. LIGHT FIXTURES INDICATING 0-10V DIMMING WITHIN LIGHTING FIXTURE SCHEDULE REQUIRE ADDITIONAL 2-WIRE CONTROL INTERFACE. REFER TO PLANS FOR EXACT LIGHT FIXTURES USING DIMMING. PROVIDE SEPARATE PATHWAYS FOR LINE VOLTAGE AND CONTROL WIRING.

GENERAL NOTES - FIRE ALARM

A. PROVIDE MODIFICATIONS AND WIRING AS REQUIRED TO CONNECT TO THE EDWARDS EST3 FIRE ALARM CONTROL PANEL (FACP). SERVICE PROVIDER - OPEN SYSTEMS (914) 241-0058.

B. PROVIDE FAN SHUTDOWN RELAYS FOR ALL FANS OVER 1000 CFM. VERIFY CFM ON MECHANICAL SCHEDULE AND PROVIDE SHUTDOWNS AS REQUIRED.

C. DO NOT INSTALL SMOKE DETECTORS WITHIN 3 FEET OF DIFFUSERS.

D. ALL WIRING SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, AUTHORITIES HAVING JURISDICTION AND LOCAL CODES.

E. ALL WIRING TO BE INSTALLED IN POWER LIMITING FIRE PROTECTIVE SIGNALING CIRCUIT CABLING. CABLE SHALL BE PLENUM RATED.

F. ALL CONDUCTORS ARE TO BE PROPERLY TAGGED OR NUMBERED IN THE CONTROL PANEL AND CORRESPOND WITH CONTROL PANEL TERMINAL OR FIELD WIRE NUMBERS FOR IDENTIFICATION PURPOSES.

G. WIRING CIRCUITS MUST GO TO AND FROM EACH DEVICE. BRANCH CIRCUITS ARE NOT PERMITTED. POLARITY MUST BE OBSERVED THROUGHOUT.

H. EXTREME CARE MUST BE TAKEN TO AVOID GROUND FAULT CONDITIONS OF ALL CONDUCTORS.

I. PROVIDE SUPERVISED RELAY IN MOTOR CONTROL CIRCUIT FOR FAN SHUTDOWN, COORDINATE WITH DIVISION 23.

J. PROVIDE REMOTE TEST SWITCH FOR ALL DUCT MOUNTED SMOKE DETECTORS.

GENERAL NOTES - PUBLIC ADDRESS

A. PROVIDE MODIFICATIONS AND WIRING AS REQUIRED TO CONNECT TO THE RAULAND TELECENTER PUBLIC ADDRESS SYSTEM (PA). SERVICE PROVIDER - OPEN SYSTEMS (914) 241-0058.

B. WIRELESS CLOCKS PROVIDED BY OWNER.

FEEDER SCHEDULE

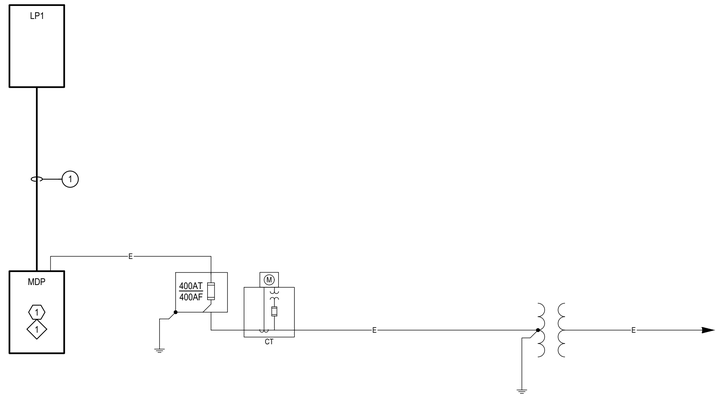
DESIGNATION	SOURCE	LOAD	OCPD	PHASE	NEUTRAL	GROUND	CONDUIT	NOTES
(1)	MDP	LP1	225	(3)-#4/0	(1)-#4/0	(1)-#4	2-1/2"	

DRAWING NOTES: ⬡

1. PROVIDE PANELBOARD REPLACEMENT. REFER TO PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.

TEMPORARY NOTES: ◇

1. ANTICIPATE 48-HOUR SHUTDOWN FOR THE MDP REPLACEMENT AND PROVIDE A PORTABLE 100KW, 208Y/120V, 3-PHASE, 4-WIRE GENERATOR SIZED TO ACCOMMODATE GENERAL BUILDING POWER AND LIGHTING REQUIREMENTS. COORDINATE SUMMER PROGRAMS AND LOAD SHEDDING REQUIREMENTS WITH OWNER'S REPRESENTATIVE.



1 **ONE-LINE DIAGRAM**
SCALE: NTS

ONE-LINE DIAGRAM

- AF / AT — FUSIBLE SWITCH; AF - AMPERE FRAME; AT - AMPERE TRIP
- CURRENT TRANSFORMER
- POTENTIAL TRANSFORMER
- METER
- TRANSFORMER; REFER TO TRANSFORMER SCHEDULE
- GROUND
- FEEDER NOT CONNECTED
- FEEDER CONNECTED
- FEEDER CONNECTED
- # — FEEDER DESIGNATION; REFER TO FEEDER SCHEDULE

SITE

- UE — UNDERGROUND ELECTRIC

GENERAL

- # — REMOVAL NOTE
- # — INSTALLATION NOTE
- OFFSET FOR CLARITY

MOUNTING HEIGHTS

UNLESS OTHERWISE NOTED, MOUNT DEVICES AND EQUIPMENT AT HEIGHTS MEASURED FROM FINISHED FLOOR TO DEVICE/ EQUIPMENT CENTERLINE AS LISTED BELOW.	
COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.	
WHERE STRUCTURAL OR OTHER INTERFERENCE'S PREVENT COMPLIANCE WITH MOUNTING HEIGHTS LISTED BELOW, CONSULT OWNER'S REPRESENTATIVE FOR APPROVAL TO CHANGE LOCATION BEFORE INSTALLATION.	
TOGGLE SWITCHES	46"
RECEPTACLE OUTLETS	18"
RECEPTACLE OUTLETS ABOVE HOT WATER OR STEAM BASEBOARD HEATERS	30"
DO NO INSTALL RECEPTACLES OVER ELECTRIC BASEBOARD HEATERS	N/A
RECEPTACLE OUTLETS, HAZARDOUS LOCATIONS	48"
RECEPTACLE OUTLETS, WEATHER PROOF, ABOVE GRADE	24"
CLOCKS, CLOCK	90"
TELECOMMUNICATION OUTLETS	18"
MULTIMEDIA OUTLETS	18"
TELEPHONE OUTLETS, WALL MOUNTED	46"
TELEVISION OUTLETS	18"
FIRE ALARM PULL STATION	46"
FIRE ALARM AUDIO/VISUAL WALL MOUNTED NOTIFICATION DEVICES	80" BOTTOM OF LENS
CARBON MONOXIDE DETECTOR	72"
NATURAL GAS DETECTOR	12" BELOW CEILING
PROPANE DETECTOR	12"
BRANCH CIRCUIT PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
DISTRIBUTION PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
TERMINAL CABINETS, CONTROL CABINETS TO THE TOP OF THE BACKBOX	72"
DISCONNECT SWITCHES, MOTOR STARTERS, ENCLOSED CIRCUIT BREAKERS	48"
"AC" ABOVE COUNTER REFER TO ARCHITECTURAL ELEVATIONS FOR HEIGHT	AC

LIGHTING

- F1 — 2'x4' LUMINAIRE; CAPITAL LETTERS INDICATES FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE
- F2 — 2'x2' LUMINAIRE; CAPITAL LETTERS INDICATES FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE
- F1 — SUSPENDED DIRECT/INDIRECT OR SURFACE MOUNTED LUMINAIRE (TYPICAL); CAPITAL LETTERS INDICATES FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE FOR LENGTH
- F1 — WALL MOUNTED LUMINAIRE (TYPICAL); CAPITAL LETTERS INDICATES FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE FOR LENGTH
- F1 — DOWNLIGHT; CAPITAL LETTERS INDICATES FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE
- H1 — POLE MOUNTED LUMINAIRE; CAPITAL LETTERS INDICATES FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE
- F1 — EMERGENCY WALL MOUNTED LIGHT; CAPITAL LETTERES INDICATE FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE
- X1 — WALL MOUNTED EXIT SIGN; ARROW/SHADING INDICATES DIRECTION/EXIT; CAPITAL LETTERS INDICATES FIXTURE TYPE; REFER TO LUMINAIRE SCHEDULE
- $ — SINGLE POLE SWITCH
- $3 — THREE WAY SWITCH
- $4 — FOUR WAY SWITCH
- $D — DIMMER SWITCH
- $OS — OCCUPANCY SENSOR LIGHT SWITCH
- OS — CEILING MOUNTED OCCUPANCY SENSOR
- TC — TIME CLOCK
- LC — LIGHTING CONTACTOR

POWER

- DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- PUSH BUTTON
- J — JUNCTION BOX
- 1 — HARD-WIRED ELECTRICAL CONNECTION; NUMBER INDICATES ITEM; REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
- M1 — MOTOR CONNECTION; NUMBER INDICATES ITEM; REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
- NON-FUSED DISCONNECT
- SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
- EXISTING SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
- PNL / CKT# — INDICATES HOMERUN TO PANEL; PANEL NAME AND CKT NUMBERS INDICATED; PROVIDE (2) #12 AWG, (1) #12 AWG EGC IN 3/4"C UNLESS OTHERWISE NOTED

FIRE ALARM

- S — SMOKE DETECTOR
- SD — DUCT SMOKE DETECTOR
- H — HEAT DETECTOR; 135° TYPE UNLESS OTHERWISE NOTED
- F — FIRE ALARM PULL STATION
- F — AUDIO/VISUAL NOTIFICATION DEVICE; 15cd UNLESS OTHERWISE NOTED
- F — VISUAL NOTIFICATION DEVICE; 15cd UNLESS OTHERWISE NOTED
- FACP — FIRE ALARM CONTROL PANEL
- DH — DOOR HOLD OPEN
- SD — SMOKE DAMPER

COMMUNICATIONS

- DB — DATA BOX
- #▽ — EXISTING DATA DROP; NUMBER = QUANTITY OF CABLES

PUBLIC ADDRESS

- S — CEILING MOUNTED SPEAKER
- S — WALL MOUNTED SPEAKER
- PA — PUBLIC ADDRESS SYSTEM CONSOLE
- WALL MOUNTED CLOCK; 12.5" DIAMETER UNLESS OTHERWISE NOTED

ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ARC	ARC ENERGY REDUCTION
ASYM	ASYMMETRICAL
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILLARY CONTACTS
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELA
CH	CABINET HEATER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLG	CEILING
CONT	CONTACTOR
CP	CONTROL PANEL
DC	DIRECT CURRENT
△	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EBB	ELECTRIC BASEBOARD
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
EGC	EQUIPMENT GROUND CONDUCTOR
EM	EMERGENCY
EP	EXPLOSION PROOF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
(E)	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO	FURNISHED BY OWNER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
IG	ISOLATED GROUND
INCAD	INCANDESCENT
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
LTG	LIGHTING
LSIG	LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV	LOW VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MM	MULTI MODE FIBER
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NONFUSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OCPD	OVER CURRENT PROTECTION DEVICE
OH	OVERHEAD
OL	OVERLOAD
PB	PULLBOX
PC	PLUMBING CONTRACTOR
PF	POWER FACTOR
PHL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
Ø	PHASE
PH	PHASE
P	POLE
PL	PILOT LIGHT
PM	PLUGMOLD
PP	POWER PANEL
PWR	POWER
RVNR	REDUCED VOLTAGE, NON-REVERSING
RM	ROOM
RMS	ROOT MEAN SQUARED
RTU	ROOF TOP UNIT
SM	SINGLE MODE FIBER
SS	SURGE SUPPRESSION
SST	SOLID-STATE TRIP DEVICE
ST	SHUNT-TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
T	TAMPER RESISTANT
TDR	TIME DELAY RELAY
TYP	TYPICAL
TCP	TEMPERATURE CONTROL PANEL
TSTAT	THERMOSTAT
TV	TELEVISION
UG	UNDERGROUND
UH	UNIT HEATER
USB	UNIVERSAL SERIAL BUS
V	VOLT
VR	VOLT-AMPERE
VP	VAPORPROOF
W	WATT
WG	WIRE GUARD
WM	WIREMOLD
WP	WEATHERPROOF
XFMR	TRANSFORMER
XLP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
Y	WYE CONNECTED

SED NUMBERS: ■ Administration Building - 64-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision -
ISSUED FOR BID
04/30/2025

Drawing Title -
LEGEND, GENERAL NOTES, AND ONE-LINE DIAGRAM

Drawn by - SDK
Date - 10/17/2024
APN - 22424.2A

Drawing Number :
E 001

PANELBOARD SCHEDULE - LP1

LOCATION - MECHANICAL 001	SOURCE - MDP	MOUNTING - SURFACE	SE RATED ☐ FEED-THRU LUGS ☐
RATING (AMPS) - 225A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HINGED TRIM ☒ SUB FEED LUGS ☐
KAIC - 10	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1	COMPUTER GRADE ☐ SUB-FEED BREAKER ☐
			200% NEUTRAL ☐ ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG	BREAKER	DESCRIPTION	CKT
1	LTG-RM 104,B1.0,B1.2,B1.3,105,106,MECH	20A/1P	.9							.8	20A/1P	LTG - RM 101	2
3	LTG - RM 102,103	20A/1P	.8							.5	20A/1P	REC - RM B1.2,B1.3,B1.1	4
5	REC - RM 102	20A/1P		1.1					.7		20A/1P	REC - RM 101	6
7	REC - RM 101	20A/1P		.7							20A/1P	REC - CORR, B1.0 - WC [1]	8
9	REC - RM 103	20A/1P		.9					.7		20A/1P	REC - RM 106,B1.0,23,B1.0A	10
11	REC - RM 103	20A/1P		.7					.7		20A/1P	REC - RM 001	12
13	LTG - SITE	20A/1P											14
15	VRFC-1/VRFC-2/BS-1	15A/2P			.8		2.3				15A/2P	ECH-1	16
17													18
19	VRFC-3/VRFC-4/BS-2	15A/2P			.8		1.5				15A/2P	ECH-2	20
21													22
23	VRFC-5/VRFC-6/BS-3	15A/2P			.8		1.5				15A/2P	ECH-3	24
25													26
27							1.5				15A/2P	ECH-4	28
29	ERV-1	20A/3P			5								30
31							4				15A/3P	ECH-5	32
33	TC	20A/1P		.5									34
35	LTG - SITE	20A/2P					.6				20A/1P	HAND DRYER	36
37							.6				20A/1P	HAND DRYER	38
39	EDHC-3/EDHC-4	30A/3P					.6				20A/1P	HAND DRYER	40
41						8					20A/1P	SPARE	42
43											20A/1P	SPARE	44
45											20A/1P	SPARE	46
47	EDHC-5/EDHC-6	40A/3P				9					20A/1P	SPARE	48
49											20A/1P	SPARE	50
51	SPARE	20A/1P									20A/1P	SPARE	52
53	SPARE	20A/1P									20A/1P	SPARE	54
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	-	-	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	-	-	-							
TOTAL KVA			-										
TOTAL AMPS			-										

NOTES:

[1] PROVIDE GFCI BRANCH CIRCUIT BREAKER.

PANELBOARD SCHEDULE - MDP [3]

LOCATION - STORAGE BR1.2	SOURCE - DISCONNECT	MOUNTING - SURFACE	SE RATED ☐ FEED-THRU LUGS ☐
RATING (AMPS) - 400A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HINGED TRIM ☒ [4] SUB FEED LUGS ☐
KAIC - 65	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1	COMPUTER GRADE ☐ [2] SUB-FEED BREAKER ☒
			200% NEUTRAL ☐ ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG	BREAKER	DESCRIPTION	CKT
1													2
3	EXISTING [1]	60A/3P									70A/3P	EXISTING [1]	4
5													6
7											20A/1P	EXISTING [1]	8
9	EXISTING [1]	60A/3P									15A/1P	EXISTING [1]	10
11													12
13	EXISTING [1]	20A/1P									50A/2P	EXISTING [1]	14
15	EXISTING [1]	15A/2P											16
17											40A/3P	EXISTING [1]	18
19	EXISTING [1]	15A/1P											20
21	EXISTING [1]	15A/1P									20A/1P	EXISTING [1]	22
23	EXISTING [1]	15A/1P									20A/1P	EXISTING [1]	24
25	EXISTING [1]	15A/1P											26
27	EXISTING [1]	50A/2P									100A/3P	EXISTING [1]	28
29													30
31	EXISTING [1]	40A/2P									20A/1P	EXISTING [1]	32
33											20A/1P	EXISTING [1]	34
35	EXISTING [1]	60A/2P									20A/1P	EXISTING [1]	36
37											15A/1P	EXISTING [1]	38
39	EXISTING [1]	20A/2P									20A/1P	EXISTING [1]	40
41											15A/1P	EXISTING [1]	42
43											20A/1P	EXISTING [1]	44
45	EDHC-1/EDHC-2	40A/3P				10					20A/1P	EXISTING [1]	46
47											20A/1P	SPARE	48
49											20A/1P	SPARE	50
51	SPARE	100A/3P									20A/1P	SPARE	52
53											20A/1P	SPARE	54
55	SPARE	20A/1P									20A/1P	SPARE	56
57	SPARE	20A/1P									20A/1P	SPARE	58
59	SPARE	20A/1P									20A/1P	SPARE	60
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	-	-	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	-	-	-							
TOTAL KVA			-										
TOTAL AMPS			-										

NOTES:

[1] CONNECT TO EXISTING BRANCH CIRCUITS AND PROVIDE UPDATED PANEL DIRECTORY.

[2] PROVIDE 225A, 3-POLE SUB FEED BRANCH CIRCUIT BREAKER FOR PANELBOARD LP1.

[3] REMOVE & REWORK TOP AND SIDE FED CONDUITS AS REQUIRED TO ACCOMMODATE PANELBOARD REPLACEMENT.

[4] PROVIDE 125A, 3-POLE SUB FEED BRANCH CIRCUIT BREAKER FOR ACCU-1.

LIGHTING FIXTURE SCHEDULE

DESIGNATION	DIMENSIONS	TYPE	CONSTRUCTION	REFLECTOR/ BAFFLE	LENS	LIGHT SOURCE/LAMP	LUMENS	COLOR TEMPERATURE	BALLAST DRIVER	VOLTAGE	FIXTURE WATTAGE	MOUNTING/ CEILING TYPE	DESIGN MAKE	ACCEPTABLE MANUFATURERS	NOTES
E1	7.32"X2.19"X 4.25"	WALL MOUNTED EMERGENCY LIGHT WITH NICKEL METAL HYDRIDE BATTERY, 90 MINUTE OPERATION.	THERMOPLASTIC HOUSING WITH WHITE FINISH.	-	-	LED	-	-	-	UNV	4W	VARIOUS/-	EVENLITE "TELESIS" SERIES	PHILIPS HUBBELL	-
F1	1-3/4"x2'x4'	RECESSED LED FLAT PANEL.	NARROW ALUMINUM BEZEL TIGHTLY HELD TO CODE GAUGE STEEL.	LIGHT GUIDE CONSTRUCTED OF ACRYLIC WITH SMOOTH PATTERN SCRATCH AND IMPACT RESISTANT.	WHITE FROST ACRYLIC	LED	5,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	40W	RECESSED/ LAY-IN	METALUX "24FP" SERIES	PHILIPS HUBBELL	-
F2	2"x2'x2'	RECESSED LED FLAT PANEL.	NARROW ALUMINUM BEZEL TIGHTLY HELD TO CODE GAUGE STEEL.	LIGHT GUIDE CONSTRUCTED OF ACRYLIC WITH SMOOTH PATTERN SCRATCH AND IMPACT RESISTANT.	WHITE FROST ACRYLIC	LED	4,330	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	38W	RECESSED/ LAY-IN	METALUX "22FP" SERIES	PHILIPS HUBBELL	-
F3	49-13/16" x 6-5/8" x 5-7/8"	WET LOCATION 4' INDUSTRIAL LED LAMP WITH CHAIN HANGER SET.	FIBERGLASS HOUSING WITH SELF-EXTINGUISHING PLASTIC.	HIGH IMPACT DIFFUSER LENS.	-	LED	4,000	80CRI / 3,500K	STANDARD	UNV	51W	6'-0" CHAIN/-	METALUX "VAPORTITE LED" SERIES	PHILIPS HUBBELL	SEE NOTE 5.
F4A	2"x4'	RECESSED, NOMINAL 2" WIDE PROFILE, SLOT UNIT DESIGNED FOR ARMSTRONG METAL CEILING SYSTEMS.	WHITE POWDER COAT EXTRUDED ALUMINUM TRIM RAILS, WITH FORMED 20 GAUGE GALVANIZED STEEL BACK CHANNEL.	DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	4,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	34W	RECESSED/ CUSTOM METAL ARMSTRONG CEILING	NULITE "REGOLO 2 RF2-D" SERIES	PHILIPS HUBBELL	SEE NOTE 7.
F4B	2"x6'	RECESSED, NOMINAL 2" WIDE PROFILE, SLOT UNIT DESIGNED FOR ARMSTRONG METAL CEILING SYSTEMS.	WHITE POWDER COAT EXTRUDED ALUMINUM TRIM RAILS, WITH FORMED 20 GAUGE GALVANIZED STEEL BACK CHANNEL.	DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	4,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	52W	RECESSED/ CUSTOM METAL ARMSTRONG CEILING	NULITE "REGOLO 2 RF2-D" SERIES	PHILIPS HUBBELL	SEE NOTE 7.
F5	3-3/4"x2"x6'	NARROW, NOMINAL 2" WIDE PENDANT LUMINAIRE SYSTEM.	WHITE POWDER COAT EXTRUDED ALUMINUM SIDE RAILS, WITH FORMED 20 GAUGE COLD ROLLED STEEL.	BI-DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	5,400 DOWN/ 1,800 UP	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	103W	48" ADJUSTABLE AIRCRAFT CABLE/LAY-IN	NULITE "REGOLO 2 RP24-B" SERIES	PHILIPS HUBBELL	-
F6	3-7/8"x2"x6'	RECESSED, NOMINAL 2" WIDE PROFILE, SLOT UNIT DESIGNED FOR GRID CEILING SYSTEMS.	WHITE POWDER COAT EXTRUDED ALUMINUM TRIM RAILS, WITH FORMED 20 GAUGE GALVANIZED STEEL BACK CHANNEL.	DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	6,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	52W	RECESSED/ LAY-IN	NULITE "REGOLO 2 RG2-D" SERIES	PHILIPS HUBBELL	-
F7	6"	LED SELF FLANGED, LENSED DOWNLIGHT.	BOAT SHAPED GALVANIZED STEEL PLASTER FRAME WITH ADJUSTABLE PLASTER LIP. FINISH BY ARCHITECT.	WIDE DISTRIBUTION	-	LED	3,000	80CRI / 3,500K	STANDARD	120V	26W	RECESSED/ LAY-IN	COOPER "HALO PR6" SERIES	PHILIPS HUBBELL	-
F8	6" SQUARE NEW CONSTRUCTION	6" LED SQUARE APERTURE NEW CONSTRUCTION.	BOAT SHAPED GALVANIZED STEEL PLASTER FRAME WITH ADJUSTABLE PLASTER LIP. FINISH BY ARCHITECT.	SHALLOW REFLECTOR.	MEDIUM WITH TIR LENS (70° BEAM ANGLE)	LED	3,000	80CRI / 4,000K	STANDARD	120V	26W	VARIOUS/-	COOPER LIGHTING "HALO COMMERCIAL PRS6/646" SERIES	PHILIPS HUBBELL	SEE NOTE 2.
P1	20"x26.5"	LANTERN STYLE IP65 RATING AREA LIGHTING WITH 20KV SURGE PROTECTOR AND POLYESTER POWDER COAT. FINISH BY ARCHITECT.	ONE PIECE UNITIZED PRECISE HEAVY WALL CAST ALUMINUM CONSTRUCTION COMPRISED OF COPPER ALUMINUM.	FIELD ADJUSTABLE OPTICAL MODULE WITH TYPE II DISTRIBUTION.	CUSTOM POLYCARBONATE	LED	7,515	4,000'K	STANDARD	208V	109W	POLE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTES 1, 3, AND 6.
	12'-0" POLE WITH 21" BASE	4" DIAMETER DECORATIVE POLE WITH POLYESTER POWDER COAT. FINISH BY ARCHITECT.	EXTRUDED FROM 6063 ALUMINUM WITH ONE PIECE CORROSION RESISTANT BASE AND HAND HOLE WITH TAMPER RESISTANT HARDWARE.	-	-	-	-	-	-	-	-	CONCRETE BASE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTE 3.
P2	20"x26.5"	LANTERN STYLE IP65 RATING AREA LIGHTING WITH 20KV SURGE PROTECTOR AND POLYESTER POWDER COAT. FINISH BY ARCHITECT.	ONE PIECE UNITIZED PRECISE HEAVY WALL CAST ALUMINUM CONSTRUCTION COMPRISED OF COPPER ALUMINUM.	FIELD ADJUSTABLE OPTICAL MODULE WITH TYPE II DISTRIBUTION.	CUSTOM POLYCARBONATE	LED	7,515	4,000'K	STANDARD	120V	109W	XMO-DT WALL MOUNT/-	SUN VALLEY "MOZ WALL MOUNT-PLED" SERIES	PHILIPS HUBBELL	SEE NOTE 4.
P3	20"x26.5"	LANTERN STYLE IP65 RATING AREA LIGHTING WITH 20KV SURGE PROTECTOR AND POLYESTER POWDER COAT. FINISH BY ARCHITECT.	ONE PIECE UNITIZED PRECISE HEAVY WALL CAST ALUMINUM CONSTRUCTION COMPRISED OF COPPER ALUMINUM.	FIELD ADJUSTABLE OPTICAL MODULE WITH TYPE V DISTRIBUTION.	CUSTOM POLYCARBONATE	LED	7,515	4,000'K	STANDARD	208V	109W	POLE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTES 1, 3, AND 6.
	12'-0" POLE WITH 21" BASE	4" DIAMETER DECORATIVE POLE WITH POLYESTER POWDER COAT. FINISH BY ARCHITECT.	EXTRUDED FROM 6063 ALUMINUM WITH ONE PIECE CORROSION RESISTANT BASE AND HAND HOLE WITH TAMPER RESISTANT HARDWARE.	-	-	-	-	-	-	-	-	CONCRETE BASE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTE 3.
X1	12.25"x1.75" x7.5"	LED EXIT SIGN WITH BATTERY BACKUP.	LOW PROFILE ABS HOUSING WITH NICKEL CADMIUM BATTERY BACKUP AND UNIVERSAL MOUNTING. REFER TO PLANS FOR MOUNTING AND FACE DESIGNATIONS.	-	-	RED LED	-	-	-	UNV	2W	-	EVENLITE "TELESIS TLX" SERIES	PHILIPS HUBBELL	-

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

A. PROVIDE MANUFACTURER APPROVED 3-WIRE DIMMER SWITCHES COMPATIBLE WITH LED DRIVERS. DIMMER SWITCH QUANTITIES AS INDICATED IN PLAN.
B. SUBSTITUTIONS SHALL PROVIDE DLC OR ENERGY STAR QUALIFIED NOTATION IN THE SUBMITTAL PACKAGE.

NOTES:

1. ROTATE OPTICAL MODULE IN THE FIELD PER LIGHT DISTRIBUTIONS AS INDICATED IN PLAN. FINAL APPROVAL REQUIRED BY OWNER.
2. REFER TO TYPES WITH EM DESIGNATION AND PROVIDE EMERGENCY LED COLD TEMPERATURE POWER PACK.
3. ALTERNATE 14L.
4. PROVIDE CUSTOM BOX AND WALL PLATE WITH MATCHING FINISH TO INSTALL TO EXISTING SOLID WALL CONSTRUCTION.
5. REFER TO PLANS FOR WALL MOUNTED LOCATION.
6. PROVIDE 18" FIXED BANNER ARM INSTALLED PERPENDICULAR TO SIDEWALK 7-0" BELOW LIGHT FIXTURE.
7. COORDINATE EXACT CEILING TYPE WITH GC PRIOR TO ORDERING LIGHT FIXTURE.

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE

	EQUIPMENT						SUPPLY				DISCONNECT			CONTROLS			
ITEM NO.	NAME	ROOM LOCATION	HP	KW	Ø	VOLTS	PANEL OR CONTROL CENTER	CIRCUIT BREAKER OR FUSE	WIRING FROM PANEL TO CONTROL UNIT	WIRING FROM FUSED DISCONNECT OR CONTROL UNIT TO EQUIPMENT	AMPS	FUSE SIZE	NEMA RATING	MOTOR STARTER/ CONTROLLER NOTES	CONTROLLER LOCATION	NEMA RATING	NOTES
1	VRFC-1/VRFC-2/BS-1	RM. 101	-	-	1	208	LP1	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	1, 2
2	VRFC-3/VRFC-4/BS-2	RM. 102	-	-	1	208	LP1	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	1, 2
3	VRFC-5/VRFC-6/BS-3	RM. 103	-	-	1	208	LP1	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	1, 2
4	ACCU-1	EXTERIOR	-	-	3	208	MDP	125A/3P	(3)-#1, (1)-#6 EGC IN 1-1/2"C	(3)-#1, (1)-#6 EGC IN 1-1/2"C	200A	NF	3R	-	-	-	-
5	ERV-1	RM. 001	-	-	3	208	LP1	20A/3P	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	-
6	ECH-1	RM. 104	-	2.3	1	208	LP1	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	-	-
7	ECH-2	RM. 105	-	1.5	1	208	LP1	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	-	-
8	ECH-3	RM. 106	-	1.5	1	208	LP1	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	-	-
9	ECH-4	RM. 107	-	1.5	1	208	LP1	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	-	-
10	ECH-5	VEST. B1.3	-	4	3	208	LP1	15A/3P	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
11	EDHC-1	RM. 101	-	5	3	208	MDP	40A/3P	(3)-#8, (1)-#10 EGC IN 1"C	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	10	-	-	3
12	EDHC-2	RM. 101	-	5	3	208	MDP	40A/3P	(3)-#8, (1)-#10 EGC IN 1"C	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	10	-	-	3
13	EDHC-3	RM. 102	-	4	3	208	LP1	30A/3P	(3)-#10, (1)-#10 EGC IN 1"C	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	10	-	-	4
14	EDHC-4	RM. 102	-	4	3	208	LP1	30A/3P	(3)-#10, (1)-#10 EGC IN 1"C	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	10	-	-	4
15	EDHC-5	RM. 103	-	4.5	3	208	LP1	40A/3P	(3)-#8, (1)-#10 EGC IN 1"C	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	10	-	-	5
16	EDHC-6	RM. 103	-	4.5	3	208	LP1	40A/3P	(3)-#8, (1)-#10 EGC IN 1"C	(3)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	10	-	-	5

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE GENERAL NOTES:

A. ALL CONTROL EQUIPMENT PROVIDED BY THE DIVISION 26 CONTRACTOR UNLESS OTHERWISE NOTED.
B. ITEM NUMBER INDICATES EQUIPMENT NUMBER.
C. ALL CONTROL DEVICES TO BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.
D. PROVIDE OVERLOADS. SIZE AS REQUIRED BY DIVISION 23 CONTRACTOR.
E. "AU" INDICATES CONTROL DEVICE LOCATED AT UNIT.
F. "NF" INDICATES NON-FUSED.
G. WHERE CONTROLS ARE LOCATED REMOTE FROM MOTOR PROVIDE DISCONNECT AND MOTOR IN ADDITION TO CONTROLS.

NOTES:

1. CONNECT BRANCH SELECTOR AND VRFC FAN COIL UNITS TO A COMMON FEED.
2. PROVIDE SIMPLEX RECEPTACLE MOUNTED TO VRFC UNIT HOUSING FOR CONDENSATE PUMP. PROVIDED BY MC. CONNECT TO NEAREST 120V UN-SWITCHED SOURCE. COORDINATE EXACT REQUIREMENTS WITH MC PRIOR TO ROUGH-IN.
3. CONNECT EDHC-1 AND EDHC-2 TO A COMMON FEED. REFER TO DETAIL 4/E602 FOR ADDITIONAL INFORMATION.
4. CONNECT EDHC-3 AND EDHC-4 TO A COMMON FEED. REFER TO DETAIL 4/E602 FOR ADDITIONAL INFORMATION.
5. CONNECT EDHC-5 AND EDHC-6 TO A COMMON FEED. REFER TO DETAIL 4/E602 FOR ADDITIONAL INFORMATION.

MOTOR STARTER/CONTROLLER NOTES:

1. MOTOR RATED SWITCH.
2. MANUAL MOTOR STARTER.
3. MANUAL MOTOR STARTER WITH RELAY.
4. MAGNETIC STARTER.
5. COMBINATION MAGNETIC STARTER.
6. VARIABLE FREQUENCY DRIVE. FURNISHED BY MC, INSTALLED BY EC.
7. COMBINATION TWO SPEED MAGNETIC STARTER. FURNISHED BY MC, INSTALLED BY EC.
8. COMBINATION REDUCED VOLTAGE MAGNETIC STARTER.
9. DUPLEX CONTROLLER WITH ALTERNATION CIRCUIT.
10. PACKAGED CONTROL UNIT.
11. H-O-A SELECTOR SWITCH IN COVER.
12. PILOT LIGHT IN COVER.
13. REMOTE START-STOP PUSHBUTTONS.
14. DUPLEX RECEPTACLE.
15. LINE-VOLTAGE THERMOSTAT.
16. PROVIDE FAN SHUTDOWN RELAY AND CONNECT TO FACP FOR SHUTDOWN ON BUILDING ALARM.

SCHEDULE DRAWING KEY

LP1	LIGHTING FIXTURE SCHEDULE
MDP	
-	ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
-	

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Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision: -
ISSUED FOR BID
05/21/2025

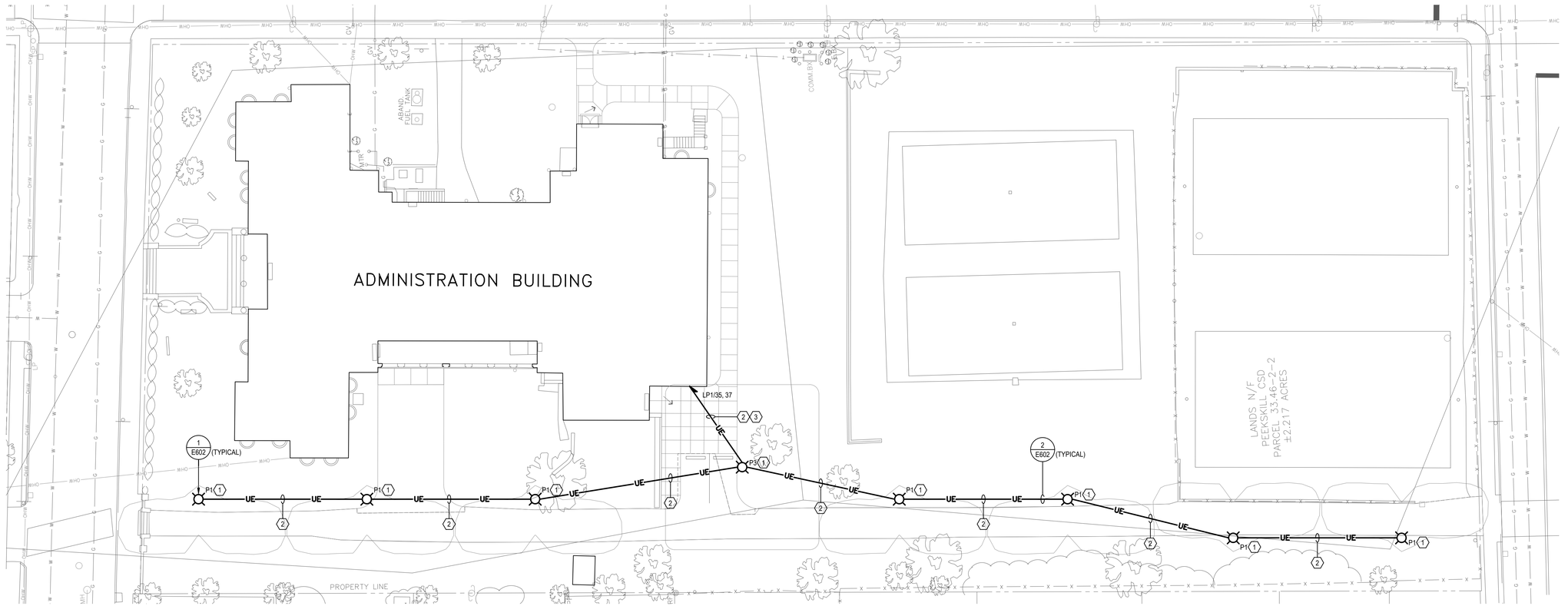
Drawing Title:
ELECTRIC EQUIPMENT AND CONTROL, LIGHTING FIXTURE, AND PANELBOARD SCHEDULES

Drawn By: - 3DK
Date: - 10/1/2024
APN: - 2224.2A

Drawing Number:
E
002

DRAWING NOTES:

1. ALTERNATE 1-E: ROTATE OPTICAL MODULE IN THE FIELD PER LIGHT DISTRIBUTIONS AS INDICATED IN PLAN. FINAL APPROVAL REQUIRED BY OWNER.
2. BASE BID: PROVIDE 1" CONDUIT AND STUB AND CAP WITHIN 3'-0" OF POLE BASE LOCATION AND WITHIN BUILDING. ALTERNATE 1-E: PROVIDE LIGHT FIXTURE AS INDICATED AND (2)#10 AWG, (1)#10 AWG EGC IN 1"C.
3. ALTERNATE 1-E: VIA LIGHTING CONTACTOR LC-1.



1 **SITE PLAN - LIGHTING**
SCALE : 1"=20'-0"

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
05/21/2025

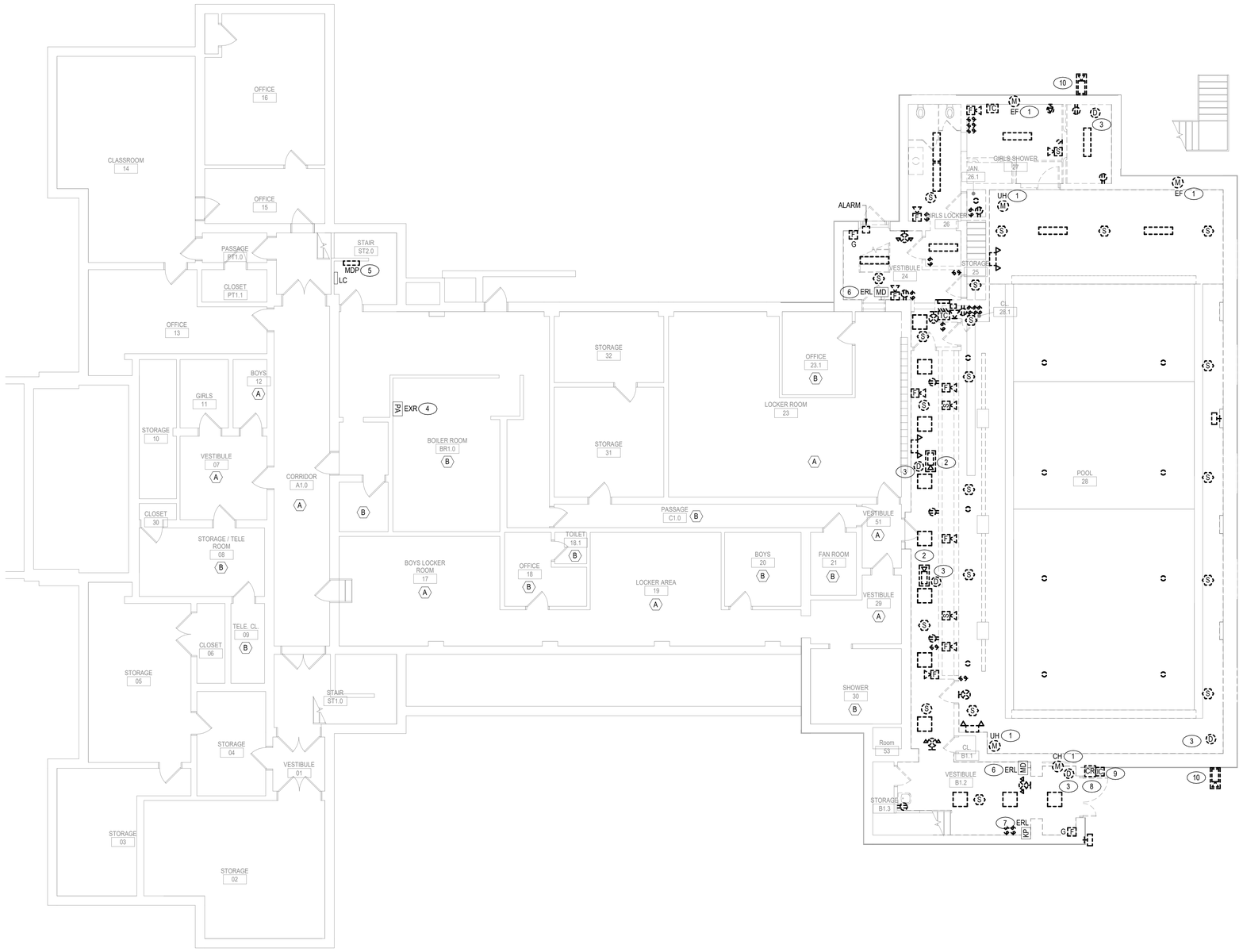
Drawing Title :
SITE PLAN - LIGHTING

Drawn by : SDK
Date : 10/11/2024
APN : 2224-2A

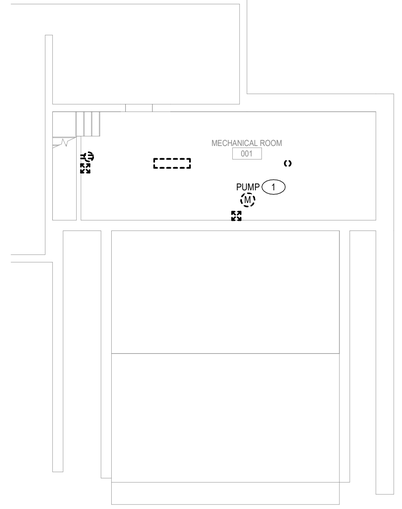
Drawing Number :
E 101

REMOVAL NOTES: (10)

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY..
2. REMOVE THE EXISTING CEILING MOUNTED SECURITY CAMERA AND MOUNTING BRACKET. STORE THE CAMERA AND BRACKET IN INDIVIDUAL CARDBOARD BOX FOR REINSTALLATION BY SECURITY VENDOR IN NEW WORK.
3. REMOVE CEILING MOUNTED DATA CABLE BACK TO POINT OF ORIGIN.
4. EXISTING PA SYSTEM LOCATION ON THE FIRST FLOOR.
5. DISCONNECT & REMOVE MAIN DISTRIBUTION PANELBOARD. MAINTAIN FEEDERS AND BRANCH CIRCUITS FOR REUSE.
6. REMOVE & RELOCATE MOTION DETECTOR AS REQUIRED TO ACCOMMODATE RENOVATIONS. REFER TO E500 SERIES DRAWING FOR LOCATION.
7. REMOVE & RELOCATE KEYPAD AS REQUIRED TO ACCOMMODATE RENOVATIONS. REFER TO E500 SERIES DRAWING FOR LOCATION.
8. DISCONNECT AND REMOVE DOOR ACCESS STATION. STORE AND PROTECT IN INDIVIDUAL CARDBOARD BOX FOR REINSTALLATION BY SECURITY VENDOR.
9. DISCONNECT AND REMOVE CARD READER. STORE AND PROTECT IN INDIVIDUAL CARDBOARD BOX FOR REINSTALLATION BY SECURITY VENDOR.
10. REMOVE THE EXISTING EXTERIOR SECURITY CAMERA AND MOUNTING BRACKET. STORE AND PROTECT CAMERA WITH BRACKET IN INDIVIDUAL CARDBOARD BOX FOR REINSTALLATION BY SECURITY VENDOR IN NEW WORK.



1 LOWER LEVEL ELECTRICAL REMOVAL PLAN
SCALE: 1/8" = 1'-0"



2 BASEMENT ELECTRICAL REMOVAL PLAN
SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL
ELECTRICAL REMOVAL PLANS

Drawn by:S.K.
Date: 10/11/2024
APN: 2226.2A

Drawing Number:
E 201

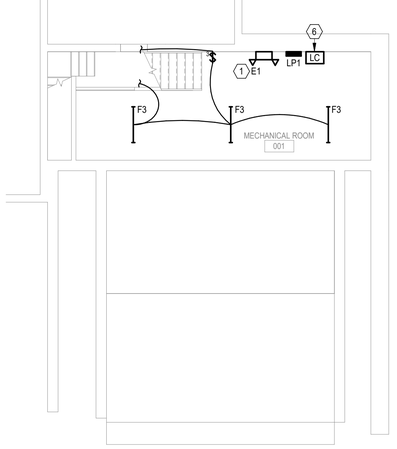
SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

DRAWING NOTES:

1. CONNECT TO UN-SWITCHED LOCAL LIGHTING CIRCUIT.
2. INSTALL LIGHT FIXTURE 8'-4" AFF.
3. CONNECT TO LIGHT FIXTURES IN MECHANICAL ROOM.
4. CONNECT TO SWITCH IN MECHANICAL ROOM.
5. INSTALL LIGHT FIXTURE 10'-6" AFG.
6. PROVIDE 30A, 208V, 4-POLE, LIGHTING CONTACTOR (LC-1). REFER TO EXTERIOR LIGHTING CONTROL SCHEMATIC 3/E602 FOR ADDITIONAL INFORMATION.
7. VIA LIGHTING CONTACTOR LC-1.
8. CONNECT EMERGENCY BATTERY PACK TO THE LINE SIDE OF LIGHTING CONTACTOR LC-1.

1 **LOWER LEVEL LIGHTING PLAN**
SCALE: 1/8" = 1'-0"



2 **BASEMENT LIGHTING PLAN**
SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL LIGHTING PLANS

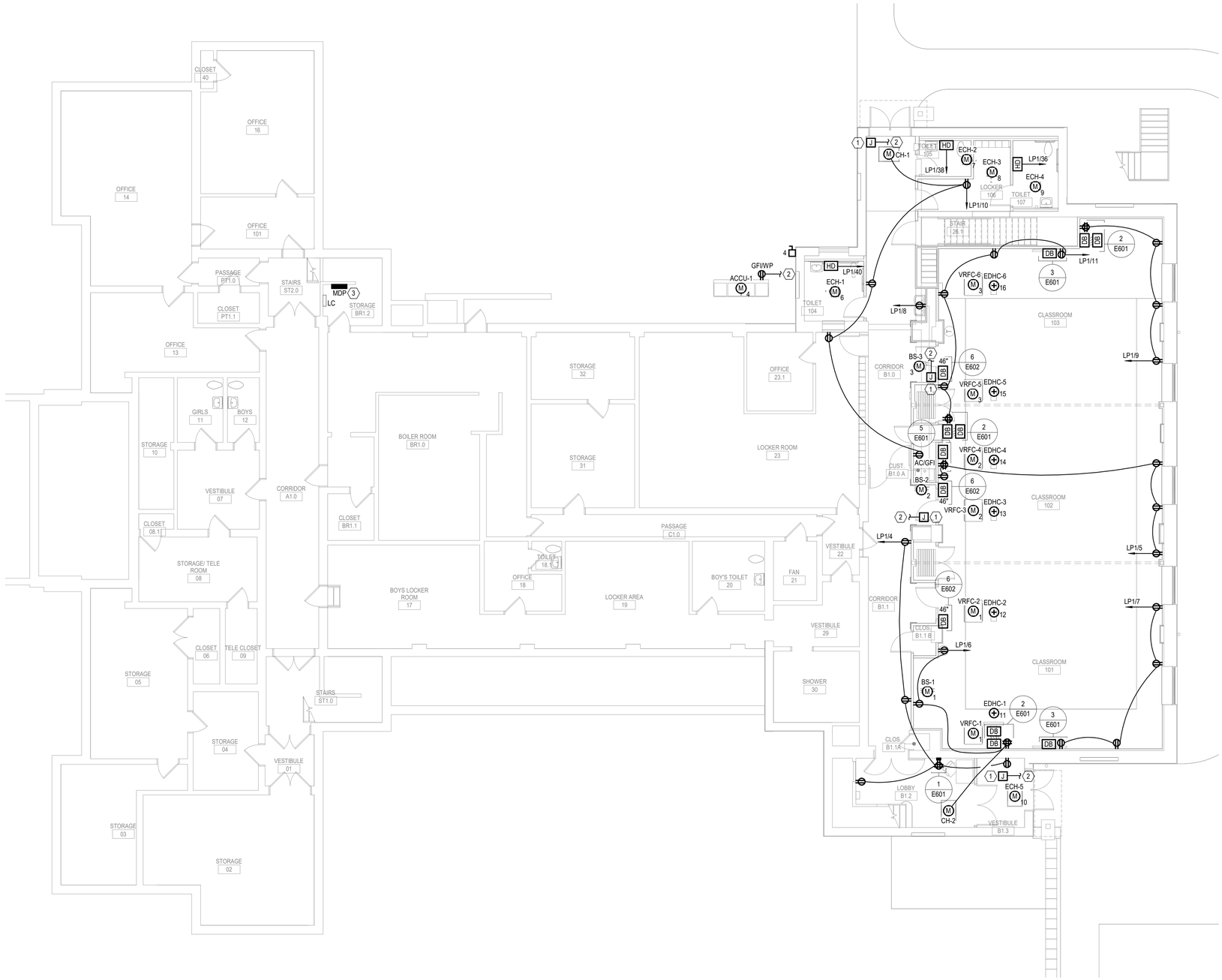
Drawn by: S.K.
Date: 10/11/2024
APN: 2226.2A

Drawing Number:
E 301

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

DRAWING NOTES:

1. PROVIDE 120V BRANCH CIRCUIT FOR DOOR HARDWARE POWER SUPPLY, PROVIDED BY GC. GC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH GC. REFER TO DETAIL 4/E601 FOR ADDITIONAL INFORMATION.
2. CONNECT TO NEAREST 120V UNSWITCHED SOURCE.
3. PROVIDE PANELBOARD REPLACEMENT. REFER TO PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
4. PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH TC.



1 LOWER LEVEL POWER PLAN

SCALE: 1/8" = 1'-0"

2 BASEMENT POWER PLAN

SCALE: 1/8" = 1'-0"

MOSAIC ASSOCIATES

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Seal

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL POWER PLANS

APN: 2224.2A | Date: 10/1/2024 | Drawn by: CMC

Drawing Number:
E 401

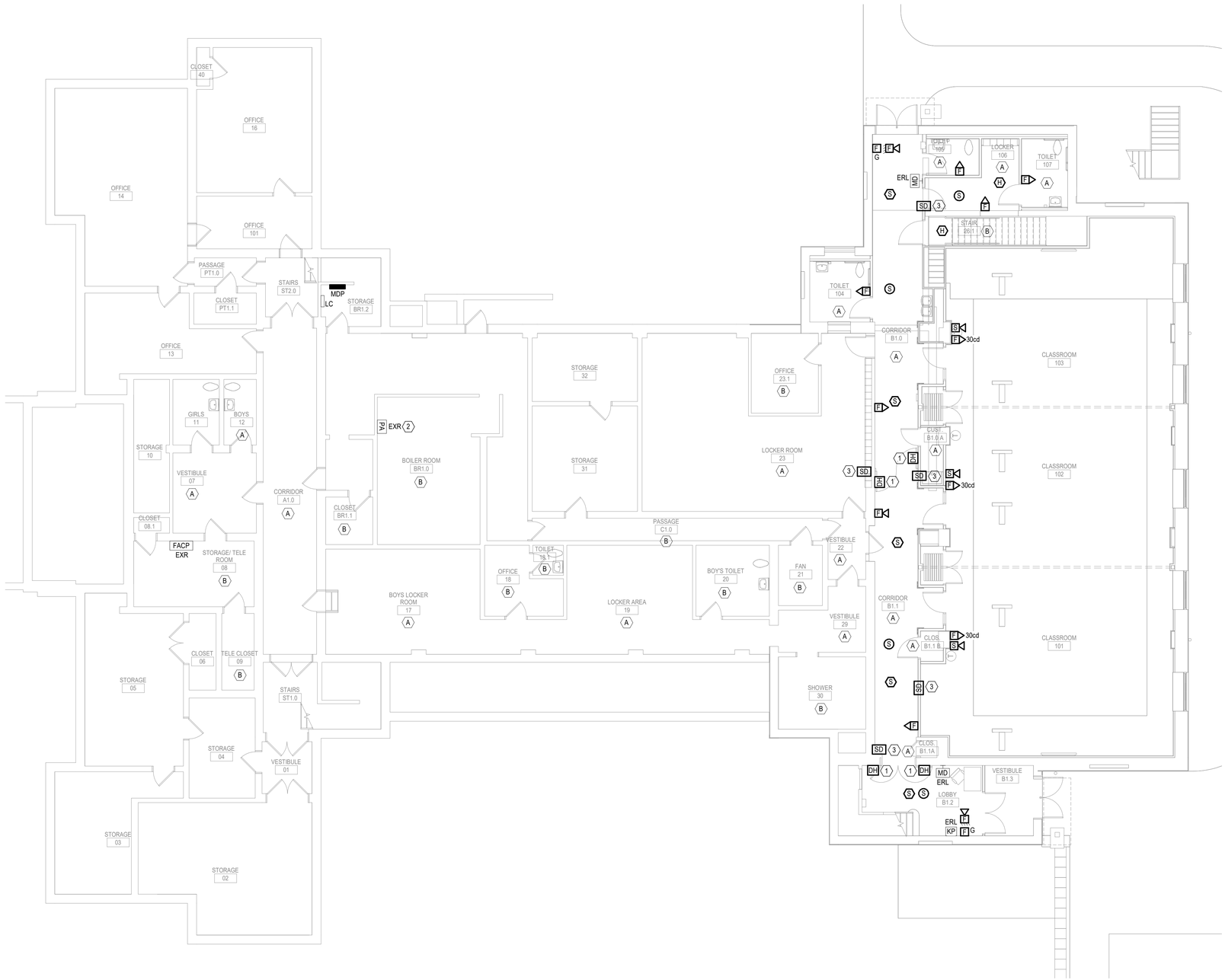
SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

DRAWING NOTES:

1. MAGNETIC DOOR HOLDERS, PROVIDED BY GC. PROVIDE LOW VOLTAGE RELAY TO CONTROL HOLD OPEN.
2. EXISTING PA SYSTEM LOCATION ON THE FIRST FLOOR.
3. PROVIDE 120V BRANCH CIRCUIT CONNECTION, PROVIDED BY MC. REFER TO DETAIL 5/E602 FOR ADDITIONAL INFORMATION.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING (DROP CEILING)
B	INACCESSIBLE CEILING (HARD CEILING)
C	EXPOSED STRUCTURE
D	SPLINE CEILING (1X1 TILES)



1 LOWER LEVEL SYSTEMS PLAN

SCALE: 1/8" = 1'-0"

2 BASEMENT SYSTEMS PLAN

SCALE: 1/8" = 1'-0"

MOSAIC ASSOCIATES

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Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

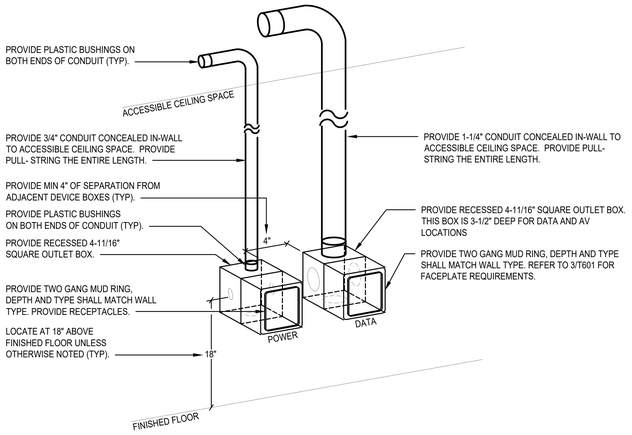
Drawing Title:
BASEMENT & LOWER LEVEL SYSTEMS PLANS

Drawn by: S.K.
Date: 10/11/2024
APN: 2224.2A

Drawing Number:
E 501

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013

BEFORE WORK IS STARTED. CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.



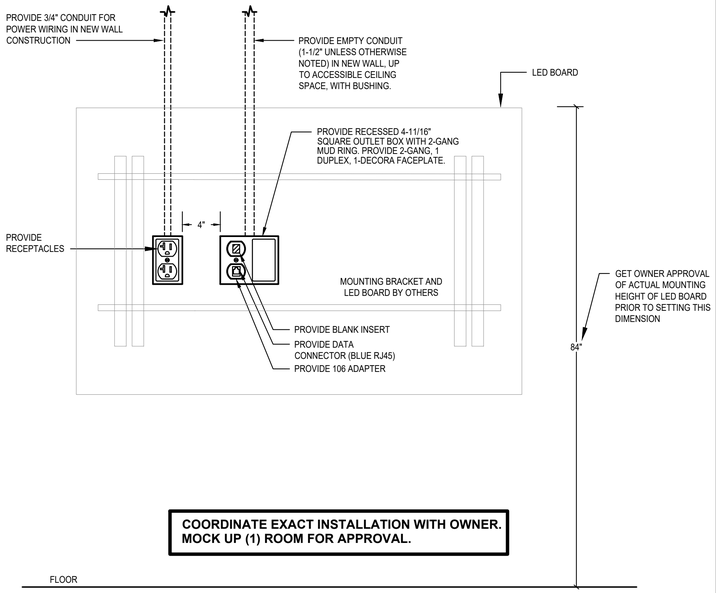
5 POWER & DATA NEW WALL CONSTRUCTION DETAIL

SCALE: NTS

NOTES

A. REFER TO 8/T601 FOR MULTI-MEDIA CABLING REQUIREMENTS.

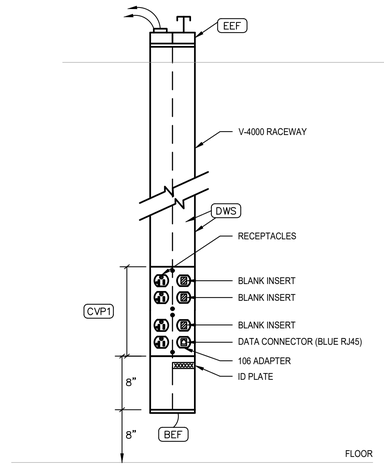
B. EXTEND 4-5 FEET OF AVP-1 CABLE THRU THE WALL PLATE. COIL ALL OTHER EXTRA CABLE ABOVE THE CEILING IN J-HOOK ON WALL ABOVE THE LED BOARD LOCATION. DO NOT LAY CABLING ON CEILING TILE.



3 INTERACTIVE LED BOARD NEW WALL CONSTRUCTION DETAIL

SCALE: NTS

PARTS LIST (ALL DETAILS)		
EEF	ENTRANCE END FITTING	V4010DFO
DWS	WIREMOLD V4000 SYSTEM W/ DIVIDER	V4000B–10 V4000C, G 4000D
DEL	RADIUS ELBOW W/ DIVIDER	V4011 FO
BEF	BLANK END FITTING	V4010B
CVP1	4–GANG COVER MOUNTING BRACKETS.	V4047–2BBBB
DTE	DIVIDED TEE – RADIUS FULL CAPACITY	V4015DFO



1 VERTICAL V-4000 RACEWAY DETAIL

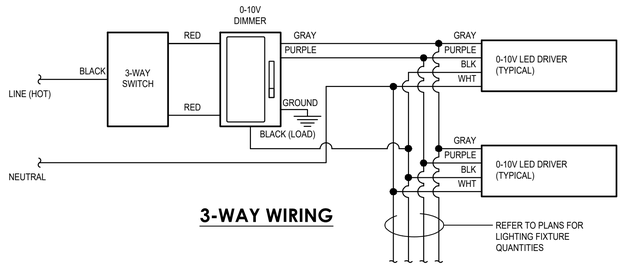
SCALE: NTS

NOTES:

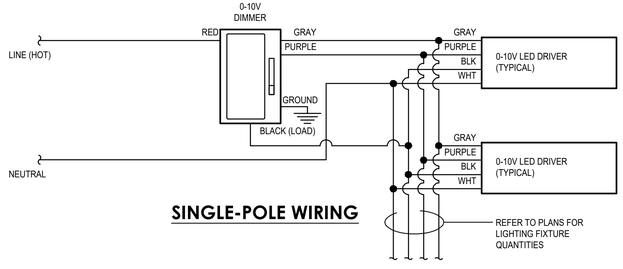
A. REFER TO PLANS FOR EXACT QUANTITIES OF DIMMERS AND SWITCH CONTROL.

B. COORDINATE EXACT BACKBOX SIZES WITH MANUFACTURERS MULTI GANG INSTALLATION REQUIREMENTS PRIOR TO ROUGH IN.

C. REFER TO LIGHTING FIXTURE SCHEDULE AND PROVIDE 0-10V LINE VOLTAGE DIMMER FOR LOADS LESS THAN 10A/120V AND 5A/277V. DESIGN MAKE: WATTSTOPPER RH4FBL3P.



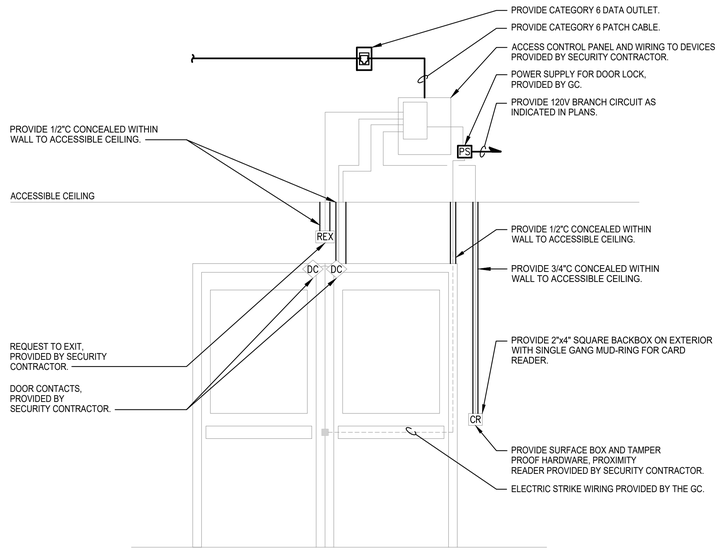
3-WAY WIRING



SINGLE-POLE WIRING

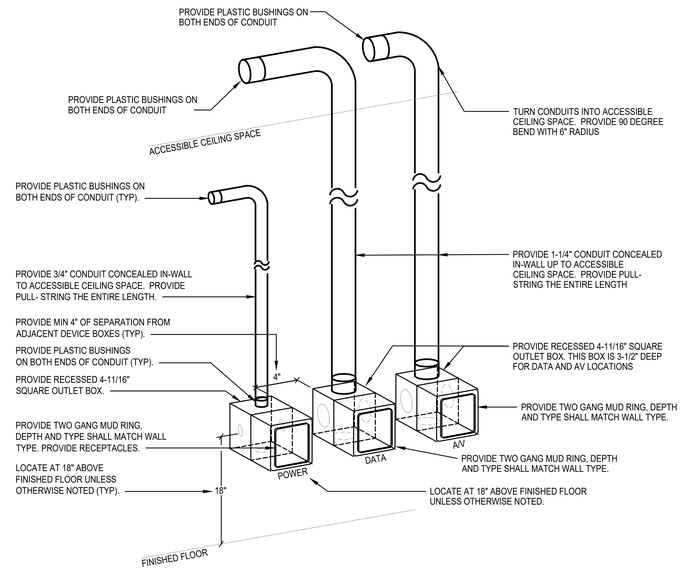
6 0-10V LINE VOLTAGE DIMMING WIRING SCHEMATIC

SCALE: NTS



4 DOOR ACCESS DETAIL

SCALE: NTS



2 TEACHER STATION DETAIL

SCALE: NTS

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Peekskill, New York

Revision : ISSUED FOR BID 05/21/2025

Drawn by : CMC

Date : 10/11/2024

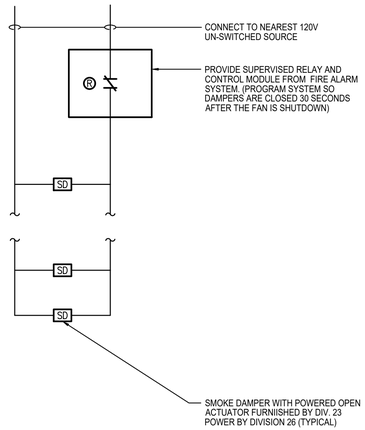
APN : 2226.2A

Drawing File :
DETAILS

Drawing Number :

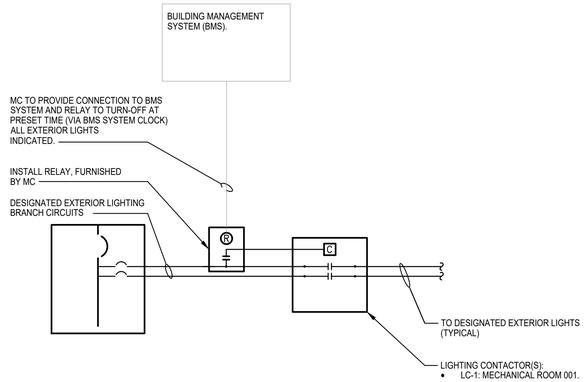
E 601

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.



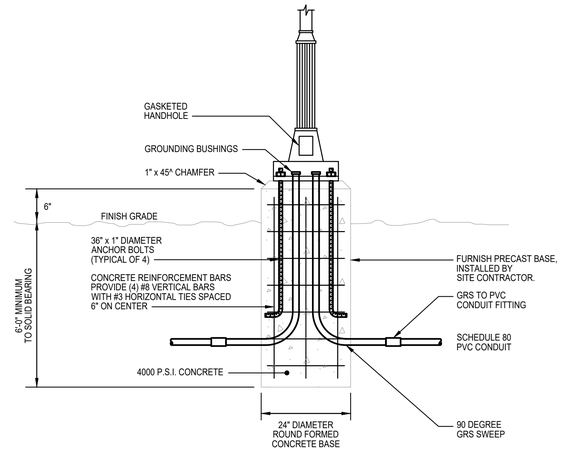
5 SMOKE DAMPER DETAIL

SCALE: NTS



3 EXTERIOR LIGHTING CONTROL SCHEMATIC

SCALE: NTS

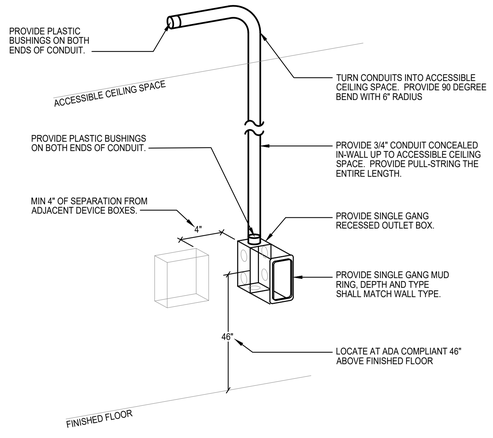


1 DECORATIVE POLE BASE DETAIL

SCALE: NTS

NOTES

A. WHEREVER POSSIBLE, DO NOT MOUNT TELEPHONE OUTLET BETWEEN AREA LIGHT SWITCHING AND DOOR FRAME (STRIKE SIDE).



6 WALL MOUNTED TELEPHONE OUTLET DETAIL

SCALE: NTS

NOTES

A. THIS SCHEMATIC IS BASED ON A TYPICAL INSTALLATION OF EQUIPMENT WITH MULTIPLE POWER CONNECTIONS. OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING.

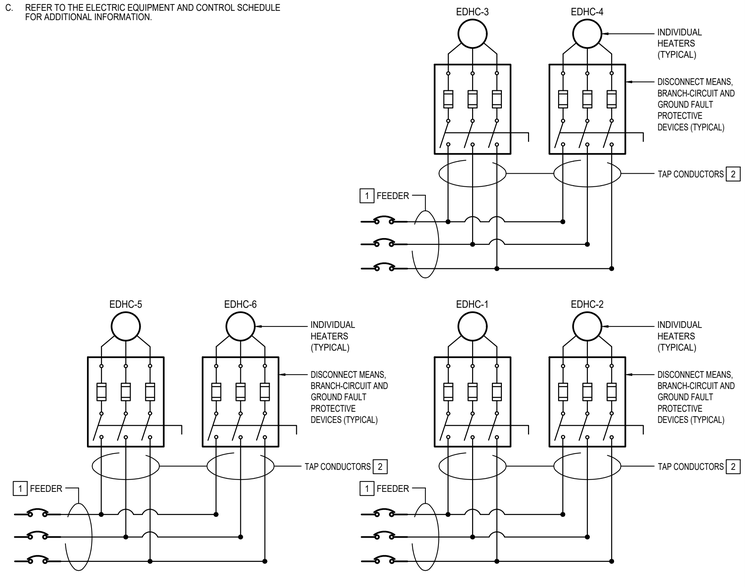
B. MECHANICAL EQUIPMENT FEEDER SHALL BE INSTALLED IN FULL COMPLIANCE WITH NEC SECTION 240.21(B) FEEDER TAPS.

C. REFER TO THE ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.

SUPPLY WIRING:

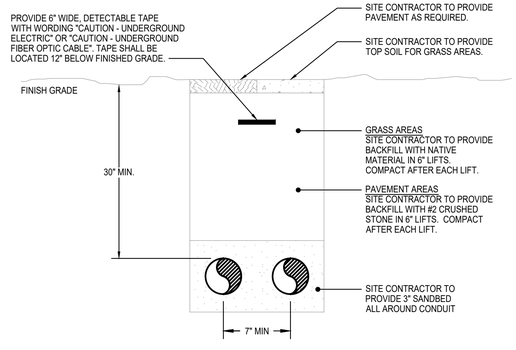
1 INDICATED AS WIRING FROM PANEL TO CONTROL UNIT WITHIN THE ELECTRIC EQUIPMENT AND CONTROL SCHEDULE.

2 INDICATED AS WIRING FROM DISCONNECT OR CONTROL UNIT TO EQUIPMENT WITHIN THE ELECTRIC EQUIPMENT AND CONTROL SCHEDULE.



4 MULTIPLE POWER CONNECTIONS EQUIPMENT WIRING SCHEMATIC

SCALE: NTS



2 DIRECT BURIED CONDUIT DETAIL

SCALE: NTS

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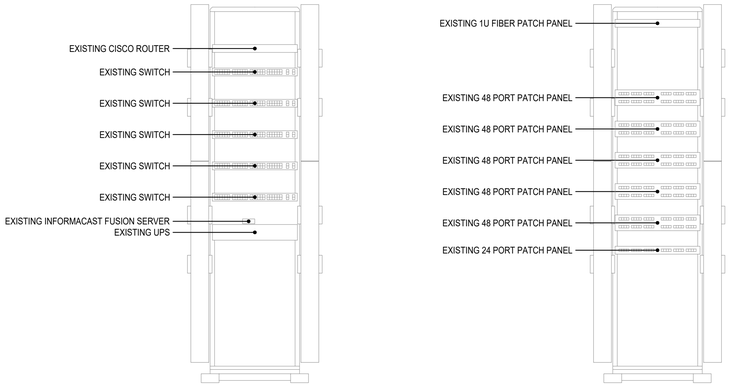
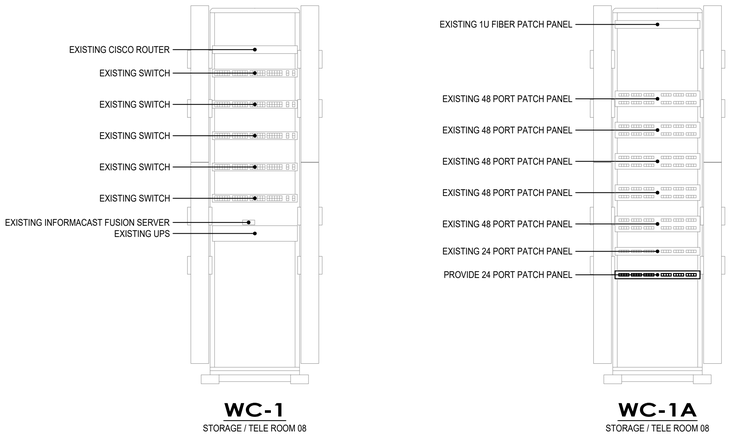


1 EXISTING DATA RACK LAYOUT

SCALE: NONE



2 NEW DATA RACK LAYOUT

SCALE: NONE

GENERAL

- (X) REMOVAL NOTE
- (X) CABLING CONTRACT NOTE
- OFFSET FOR CLARITY

COMMUNICATIONS

- DATA DROP BEING REMOVED
- (D) EXISTING DATA DROP
- (D) CAT 6 OR 6A DATA DROP
- CONDUIT SLEEVE 1 1/2" UNLESS OTHERWISE NOTED
- DB DATA BOX
- DH FLOOR MOUNTED DOG HOUSE BOX
- VERTICAL SECTION OF RACEWAY
  HORIZONTAL SECTION OF RACEWAY
  REFER TO DETAILS FOR TYPES REQUIRED
- WAP-1 WIRELESS ANCESS POINT
  WAP-1 = CEILING MOUNTED
  WAP-2 = WALL MOUNTED
  WAP-3 = WALL W/ EXTERIOR ANTENNA
- 4 POST DATA RACK
- 2 POST DATA RACK
- WALL MOUNTED CABINET
- FIBER
- (S) PENDANT SPEAKER
- PUSH BUTTON
- IC INTERCOM
- CR CARD READER

SECURITY

- EXTERIOR MULTISENSOR IP CAMERA WITH CORNER MOUNT
- INTERIOR MULTISENSOR IP CAMERA
- INTERIOR / EXTERIOR MULTISENSOR IP CAMERA
- INTERIOR CAMERA
- EXTERIOR CAMERA

GENERAL NOTES - REMOVALS

A. ALL EQUIPMENT BEING REMOVED BY CABLING CONTRACTOR IS ASSUMED TO BE UNSALVAGEABLE AND IS TO BE PROPERLY DISPOSED OF BY CABLING CONTRACTOR. PRIOR TO REMOVALS, COORDINATE WITH OWNER FOR ANY EQUIPMENT OWNER MAY DESIRE TO BE TURNED OVER FOR THE OWNER USE.

B. EVERY EFFORT HAS BEEN MADE TO INDICATE ALL DEVICES THAT ARE BEING REMOVED THROUGH EXISTING DRAWINGS AND FIELD OBSERVATIONS, HOWEVER THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND VERIFY ALL REMOVALS, SOME DIFFERENCES MAY ONCUR.

C. REMOVAL ALL CABLING SUPPORT SYSTEMS FOR CURRENT CABLING. ALL J-HOOKS D-RINGS AND SIMILAR EQUIPMENT SHALL BE REMOVED FROM THE STRUCTURE AND ABOVE ALL CEILINGS. ALL NEW WILL BE PROVIDED FOR NEW CABLING.

D. ALL CABLING FROM DEVICES BEING REMOVED MUST BE REMOVED BACK TO POINT OF ORIGIN. NO CABLES CAN BE ABANDON IN THE CEILING SPACE PER INTERNATIONAL FIRE CODE SECTION 315.6., UNLESS PHYSICALLY UNABLE TO BE REMOVED DUE TO FIELD CONDITIONS THAT PROHIBIT WORKING IN AN AREA WHERE THE CABLE IS ROUTED. IN THIS CASE, REMOVE CABLE FROM BOTH SIDES OF THE PROHIBITED AREA AND BACK TO POINT OF ORIGIN.

SPECIAL NOTES - REMOVALS

1. FOR ALL HARDWARE BEING REMOVED BY THIS CONTRACTOR. THIS CONTRACTOR SHALL RECORD ON A SPREADSHEET THE FOLLOWING: SERIAL NUMBER OF DEVICE AND THE ASSET TAG OF THE DEVICE. THIS DOCUMENT SHALL BE SUBMITTED AS PART OF THE CLOSEOUT DOCUMENTS. THIS IS A DISTRICT REQUIREMENT FOR THE DISPOSAL OF ALL EQUIPMENT AND REMOVAL FROM INVENTORY.

GENERAL NOTES - COMMUNICATIONS

A. PROVIDE ALL CATEGORY 6, 6A AND FIBER OPTIC CABLE TERMINATIONS AND TESTING.

B. "DATA DROP" OR "DATA OUTLET" INCLUDES CATEGORY 6 & 6A CABLE, TERMINATION HARDWARE, RACEWAY, CABLE TERMINATION AND CABLE TESTING.

C. PROVIDE ONE GREEN CATEGORY 6A CABLE FOR ALL ACCESS POINTS.

D. PROVIDE A ORANGE CATEGORY 6 CABLE FOR ALL NEW IP CAMERAS.

E. PROVIDE CONDUIT SLEEVES THROUGH ALL WALLS. CONDUIT SLEEVES SHALL BE A MINIMUM OF 1-1/2". PROVIDE OTHER SIZES AS NOTED ON PLANS.

F. PROVIDE RE-PENETRATEABLE FIRE STOPPING AROUND ALL SLEEVES AND INSIDE SLEEVE AFTER CABLE IS INSTALLED.

G. WHEN SIZES ARE NOT NOTED OR SLEEVES ARE NOT SHOWN BUT REQUIRED FOR THE INSTALLATION SLEEVES SHALL BE SIZED AS FOLLOWS.

CABLE	1"	1.25"	1.5"	2"	2.5"	3"	3.5"	4"
Cat 6A	4	7	10	18	24	41	56	73
CAT 6	7	9	14	24	28	55	75	98

H. PROVIDE LADDER RACK WITH WATERFALLS ABOVE ALL NEW CABLE RACKS.

I. PROVIDE HORIZONTAL WIRE MANAGEMENT BELOW ALL NEW PATCH PANELS.

J. EXACT LOCATION OF CABLES FOR WIRELESS ACCESS POINTS SHALL BE VERIFIED DURING A BUILDING WALK THROUGH PRIOR TO BEGINNING INSTALLATION.

K. TEST ALL EXISTING FIBER OPTIC CABLES THAT ARE SCHEDULED TO BE USED ON THE NEW 10GB BACKBONE. PROVIDE TEST RESULTS INCLUDING CABLE LENGTHS.

L. PROVIDE CABLE HANGERS FOR ALL UTP CABLE AND FIBER RUNS ON THE PROJECT. HANGERS FOR MAIN RUNS SHALL BE A MINIMUM OF 2". CABLE HANGERS FOR CABLE RUNS FROM MAIN RUNS TO THE STATION OUTLET SHALL BE A MINIMUM OF 3/4". INSTALL CABLE HANGERS FOUR FOOT ON CENTER FOR THE ENTIRE LENGTH OF RUN. SEE DETAIL 2 ON EW 603.

M. PROVIDE SURFACE RACEWAY FOR A CABLE LOCATED IN FINISHED SPACE. PROVIDE CONDUIT FOR CABLES INSTALLED IN MECHANICAL AND UTILITY SPACES. PROVIDE OPEN TOP CABLE HANGERS FOR CABLE INSTALLED ABOVE FINISHED CEILINGS.

N. PROVIDE ADHESIVE LABEL ON ALL BOXES.

O. CABLES SHALL CONFORM TO THE FOLLOWING COLOR SCHEME

1. DATA - BLUE
2. WIRELESS ACCESS POINTS - GREEN
3. SECURITY CAMERAS AND CONTROLLERS - ORANGE
4. VOIP and IP SPEAKER - YELLOW
5. FIRE ALARM - RED

P. COORDINATE DATA RACK ELEVATIONS AND LAYOUTS WITH THE NETWORK HARDWARE CONTRACTOR AND THE OWNERS IT STAFF. ELEVATIONS SHOWN ON PLANS ARE APPROXIMATE. OBTAIN THE ENGINEERS AND OWNERS APPROVAL PRIOR TO INSTALLING PATCH PANELS.

Q. GROUND ALL NEW EQUIPMENT RACKS.

R. INSTALL WALL AND CEILING MOUNTED ACCESS POINTS FURNISHED BY THE NETWORK HARDWARE/WIRELESS CONTRACT.

S. INSTALL EXTERIOR ANTENNAS FURNISHED BY NETWORK HARDWARE/WIRELESS CONTRACT. CORE WALLS AND SEAL OPENINGS AFTER ANTENNAS ARE INSTALLED AND TESTED. INSTALL SURGE PROTECTOR AND GROUND TO BUILDING STEEL.

T. INSTALL LEXAN BOXES FURNISHED BY THE NETWORK HARDWARE/WIRELESS CONTRACTOR IN ALL GYMNASIUMS.

U. REPAIR AND PAINT ALL FINISHED WALLS, FLOORS ETC. DAMAGED DURING INSTALLATION.

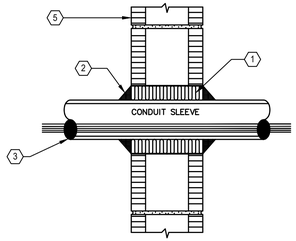
V. PROVIDE NEW CEILING TILES MATCHING THE EXISTING IF DAMAGED DURING THE INSTALLATION. PRIOR TO BEGINNING WORK NOTIFY THE OWNER OF ALL EXISTING DAMAGED TILES IN THE WORK AREA. IF EXISTING DAMAGED TILES ARE NOT NOTED THE CABLING CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT.

W. DISCONNECT AND REMOVE ALL EXISTING CABLES THAT ARE ABANDONED AS PART OF THE COMMUNICATION SYSTEM UPGRADE.

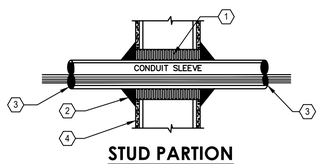
X. PROVIDE TEST REPORTS AND AS BUILT DRAWINGS AT THE COMPLETION OF WORK PRIOR TO PROJECT CLOSE OUT.

ABBREVIATIONS

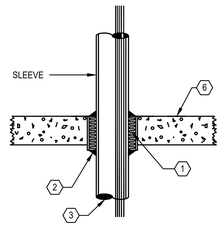
A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ASYM	ASYMMETRICAL
AUX	AUXILIARY CONTACTS
AV	AUDIO/VIDEO
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELA
CH	CABINET HEATER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLG	CEILING
CONT	CONTACTOR
CP	CONTROL PANEL
DC	DIRECT CURRENT
Δ	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EBB	ELECTRIC BASEBOARD
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
EGC	EQUIPMENT GROUND CONDUCTOR
EM	EMERGENCY
EP	EXPLOSION PROOF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
(E)	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO	FURNISHED BY OWNER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
IG	ISOLATED GROUND
INCAD	INCANDESCENT
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
LTG	LIGHTING
LSHG	LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV	LOW VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MM	MULTI MODE FIBER
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NONFUSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OCPD	OVER CURRENT PROTECTION DEVICE
OH	OVERHEAD
OL	OVERLOAD
PB	PULLBOX
PC	PLUMBING CONTRACTOR
PF	POWER FACTOR
PHL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
Ø	PHASE
PH	PHASE
P	POLE
PL	PILOT LIGHT
PM	PLUGMOLD
PP	POWER PANEL
PWR	POWER
RVNR	REDUCED VOLTAGE, NON-REVERSING
RM	ROOM
RMS	ROOT MEAN SQUARED
RTU	ROOF TOP UNIT
SM	SINGLE MODE FIBER
SS	SURGE SURPRESSION
SST	SOLID-STATE TRIP DEVICE
ST	SHUNT-TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
T	TAMPER RESISTANT
TDR	TIME DELAY RELAY
TYP	TYPICAL
TCP	TEMPERATURE CONTROL PANEL
TSTAT	THERMOSTAT
TV	TELEVISION
UG	UNDERGROUND
UH	UNIT HEATER
USB	UNIVERSAL SERIAL BUS
V	VOLT
VR	VOLT-AMPERE
VP	VAPORPROOF
W	WATT
WG	WIRE GUARD
WM	WIREMOLD
WP	WEATHERPROOF
XFMR	TRANSFORMER
XLP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
Y	WYE CONNECTED



MASONRY WALL



STUD PARTION

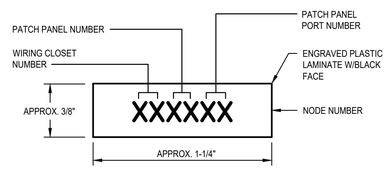


FLOOR SLAB

1. 1/2- TO 5/8-IN SPACE, PACK WITH FS CEREBLANKET PER SPECIFICATIONS.
2. SEAL ALL OPENING WITH FLAME STOP V PER SPECIFICATIONS.
3. FOR EXISTING PENETRATIONS CONTRACTOR IS TO REMOVE THE EXISTING FIRESTOPPING MATERIAL TO INSTALL NEW CABLING AND REINSTALL FIRE STOP V PER THE SPECIFICATION AFTER ALL WORK IS COMPLETED.
4. PARTITION WITH WOOD OR METAL STUDS AND GYPSUMBOARD OR PLASTERBOARD BOTH SIDES.
5. CONCRETE BLOCK OR POURED CONCRETE WALLS.
6. CONCRETE FLOOR SLAB.

3 NEW AND EXISTING CONDUIT FIRE SLEEVE DETAIL

SCALE: NONE



DATA DROP LEGEND PLATE

NOTES:

1. PROVIDE (1) LEGEND PLATE FOR EACH DATA CONNECTION.
2. SECURELY MOUNT PLATE TO RACEWAY/POWER POLE WITH EPOXY STYLE ADHESIVE.

GENERAL:

REFER TO SPEC. SECTION 270310, 1.19 IDENTIFICATION & NAMEPLATE PUNCH TAPE LABELS ARE NOT ACCEPTABLE TO OWNER

4 DATA DEVICE AND LEGEND PLATE DETAIL

SCALE: NONE

SED NUMBERS: ■ Administration Building: 66-15-09-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

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Seal

Revision :
ISSUED FOR BID
05/21/2025

Drawing Title :
LEGEND AND GENERAL NOTES

Drawn by : CNB
Date : 10/11/2024
APN : 2224-2A

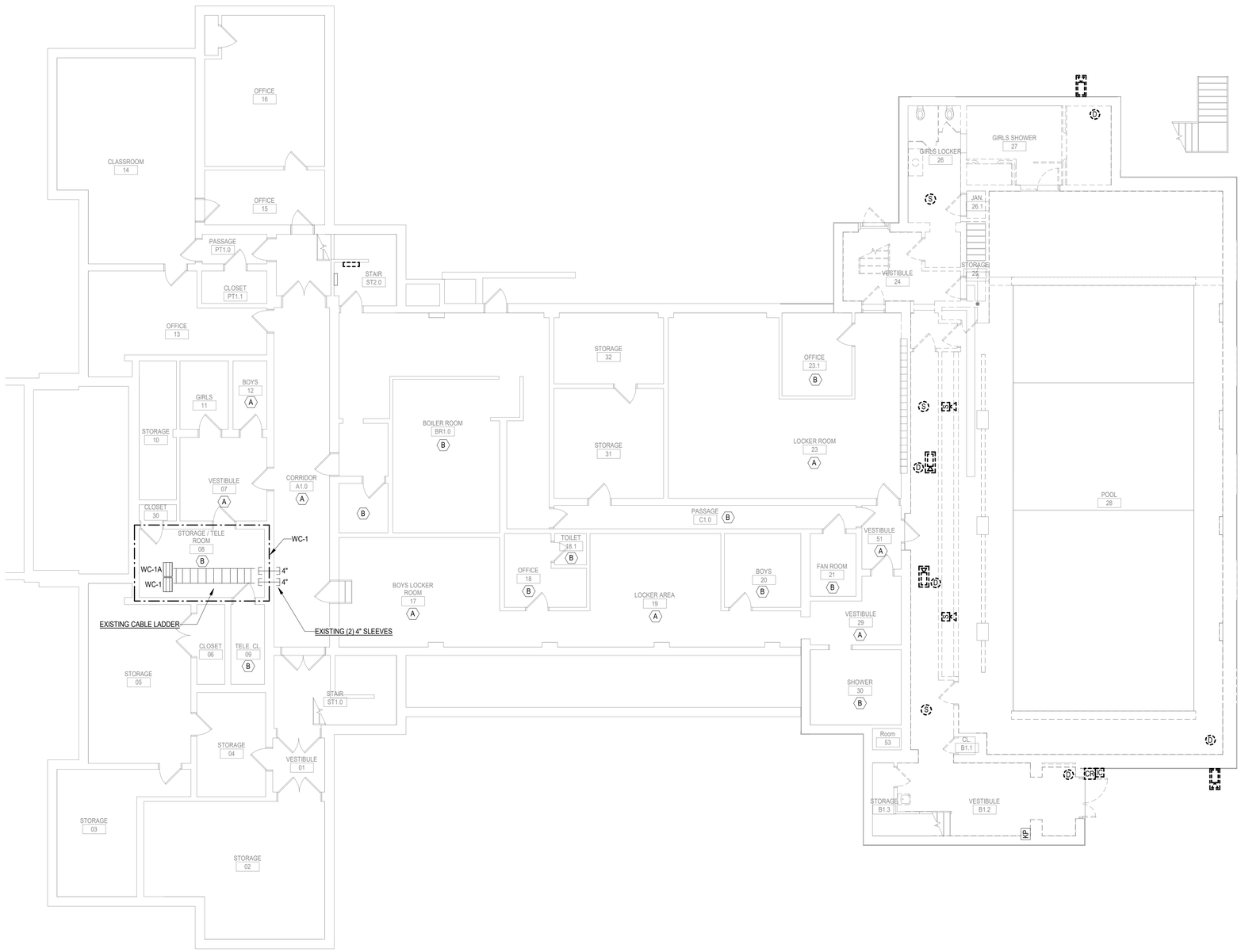
Drawing Number :
T
001

Alterations to Administration Building

Peekskill City School District
Peekskill, New York

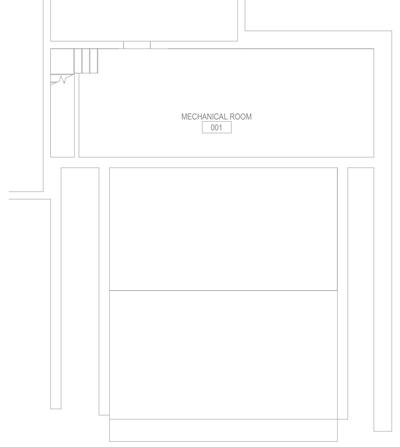
REMOVAL NOTES:

1. REMOVE THE EXISTING CEILING OR WALL MOUNTED SPEAKER WITH BRACKET ALONG WITH ALL ASSOCIATED CABLING.
2. REMOVE THE EXISTING CEILING MOUNTED SECURITY CAMERA AND MOUNTING BRACKET. STORE THE CAMERA AND BRACKET IN INDIVIDUAL CARDBOARD BOX FOR REINSTALLATION BY SECURITY VENDOR IN NEW WORK.
3. COIL AND PROTECT THIS DATA CABLE IN CORRIDOR CEILING FOR REUSE IN NEW WORK.
4. REMOVE EXISTING VOICE CABLE BACK TO POINT OF ORIGIN.



1 LOWER LEVEL TECHNOLOGY REMOVAL PLAN

SCALE: 1/8" = 1'-0"



2 BASEMENT TECHNOLOGY REMOVAL PLAN

SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL TECHNOLOGY REMOVAL PLAN

Drawn by: C.B.
Date: 10/11/2024
APN: 2224-3A

Drawing Number:
T
201

DRAWING NOTES:

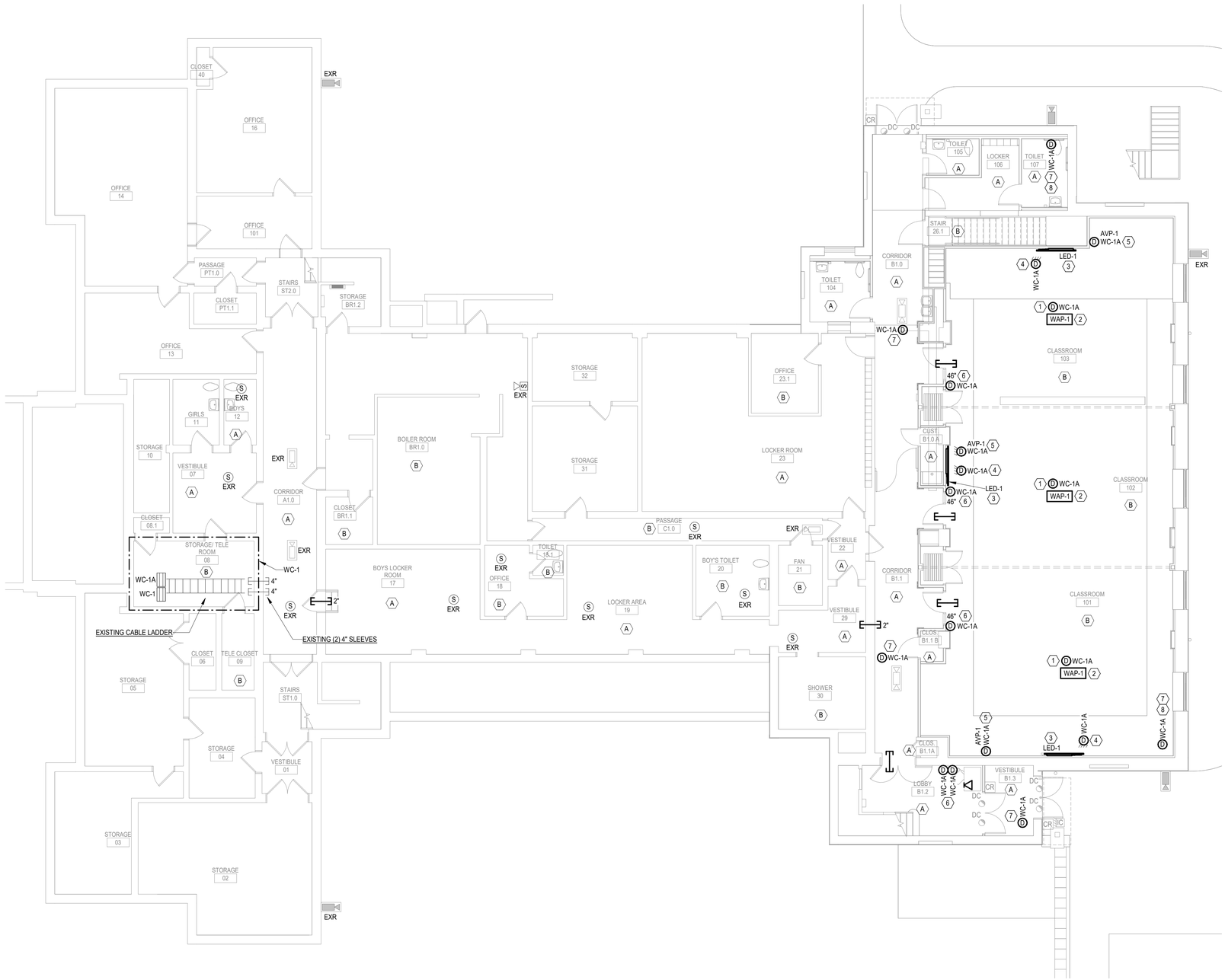
1. PROVIDE CEILING MOUNTED CAT 6A CABLE FOR WIRELESS ACCESS POINT. REFER TO DETAIL 4 ON DRAWING T601.
2. MOUNT OWNER SUPPLIED WIRELESS ACCESS POINT AND MOUNTING BRACKET. CONNECT WAP TO DATA DROP IN CEILING.
3. INSTALL OWNER SUPPLIED LED INTERACTIVE DISPLAY WITH MOUNTING BRACKET AS DIRECTED BY OWNER.
4. PROVIDE CAT 6 AND AVP CABLES IN DATA BOX BEHIND LED BOARD. AVP CABLES FROM WALL BOX WILL BE RUN FROM WALL BOX TO THIS LOCATION. REFER TO DETAIL 2 AND DETAIL 7 ON DRAWING T601.
5. PROVIDE CAT 6 CABLE AND AVP-1 CABLES IN THIS LOCATION. REFER TO DETAIL 2 AND DETAIL 8 ON DRAWING T601.
6. PROVIDE CAT 6 CABLE IN DATA BOX PROVIDED BY E.C. REFER TO DETAIL 3 AND DETAIL 5 ON DRAWING T601.
7. PROVIDE CEILING MOUNTED CAT 6 CABLE FOR SECURITY CAMERA. REFER TO DETAIL 4 ON DRAWIN T601.
8. PROVIDE SURGE PROTECTION DEVICE ON THIS DATA DROP. REFER TO DETAIL 1 ON DRAWING T 601.

CEILING SCHEDULE

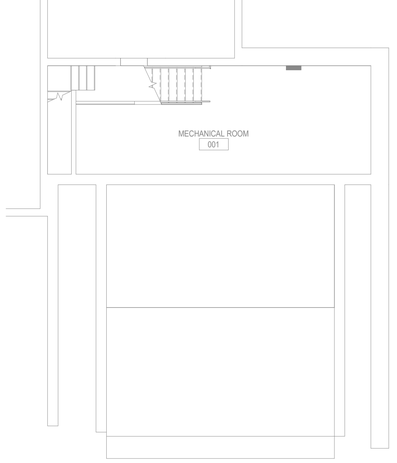
DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING (DROP CEILING)
B	INACCESSIBLE CEILING (HARD CEILING)
C	EXPOSED STRUCTURE
D	SPLINE CEILING (1X1 TILES)

CABLE SCHEDULE

CABLE TYPE	CABLE AND JACK COLOR	APPLICATION
CAT 6	BLUE	DATA
CAT 6	GREEN	SECURITY/DOOR ACCESS
CAT 6	YELLOW	VOIP PHONE AND SPEAKERS
CAT 6A	YELLOW	ALL WIRELESS ACCESS POINTS



1 **LOWER LEVEL TECHNOLOGY PLAN**
SCALE: 1/8" = 1'-0"



2 **BASEMENT TECHNOLOGY PLAN**
SCALE: 1/8" = 1'-0"

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Consultant:

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

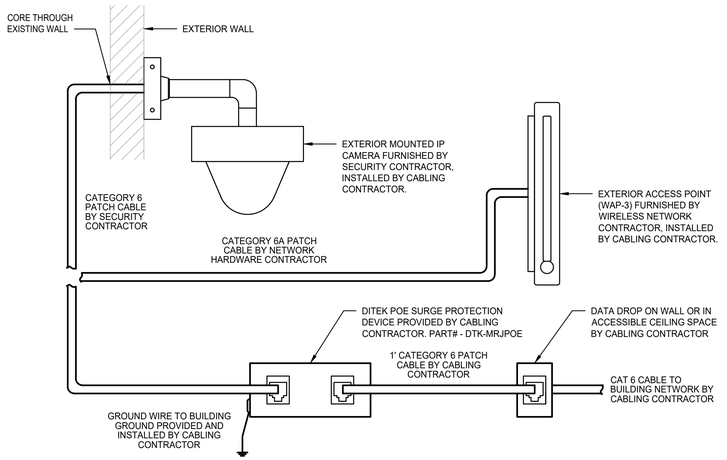
Revision:
ISSUED FOR BID
05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL TECHNOLOGY PLAN

Drawn by: C.B.
Date: 10/11/2024
APN: 2224.2A

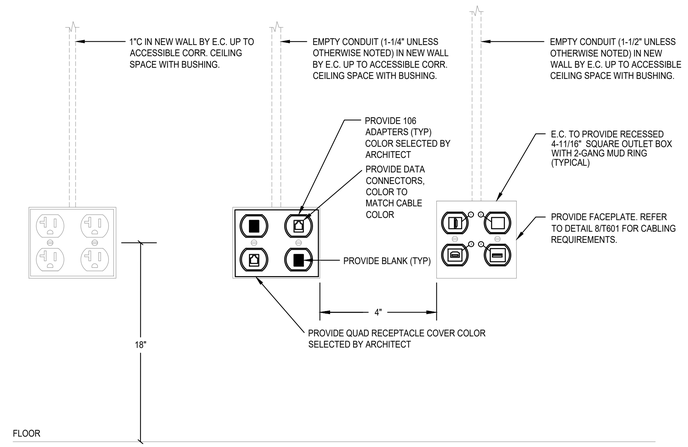
Drawing Number:
T 301

SED NUMBERS:
■ Administration Building: 66-15-00-01-0-009-013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.



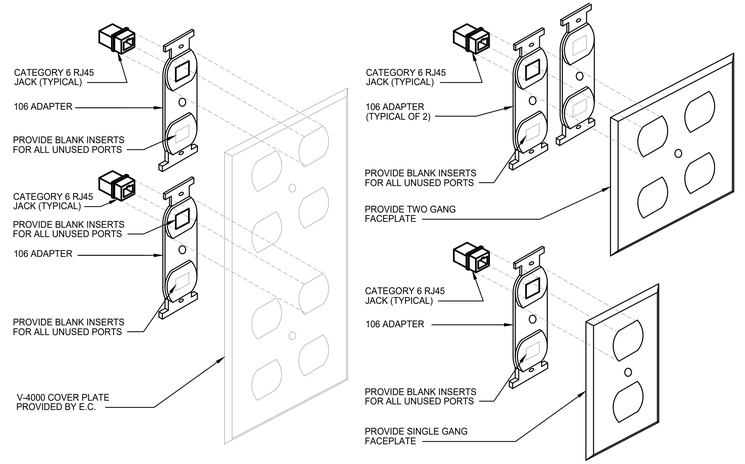
1 DEVICE AND LEGEND PLATE DETAIL

SCALE: NONE



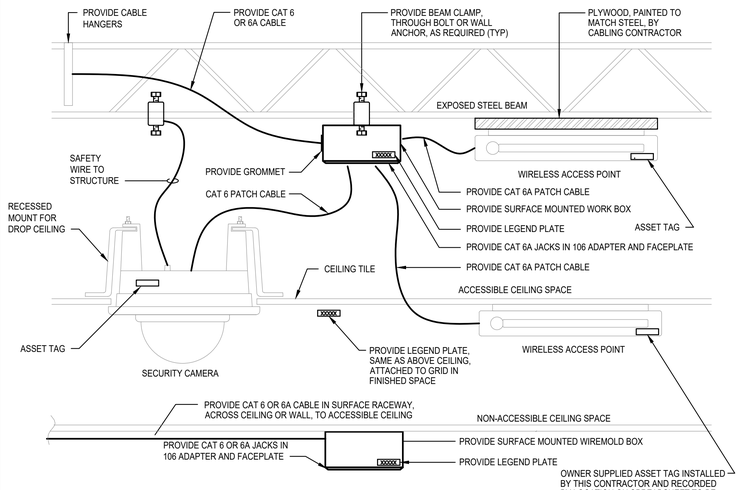
2 TEACHER'S STATION DETAIL

SCALE: NONE



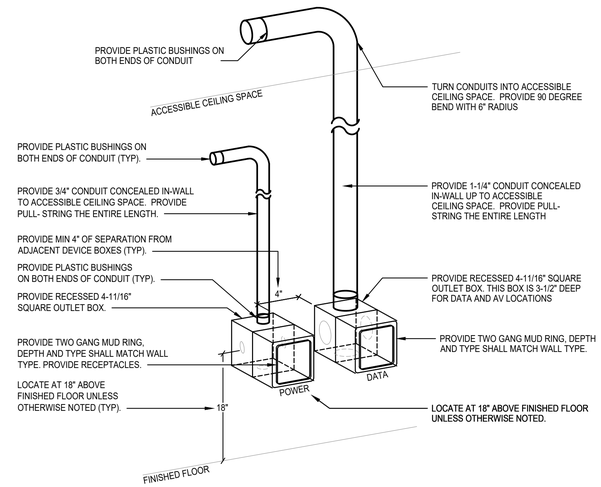
3 COMMUNICATIONS FACEPLATE DETAIL

SCALE: NONE



4 CEILING MOUNTED DATA DROP DETAIL

SCALE: NONE

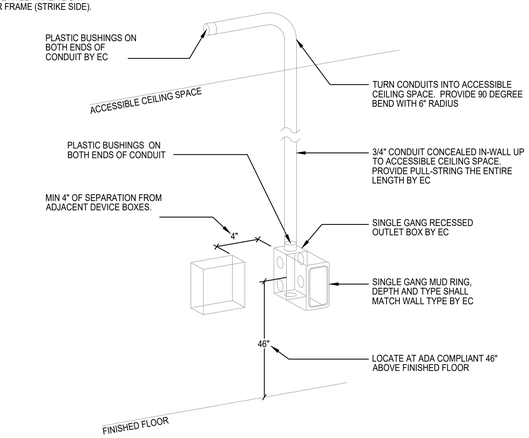


5 COMMUNICATIONS DATA BOX DETAIL (DB)

SCALE: NONE

NOTES

A. WHEREVER POSSIBLE, DO NOT MOUNT TELEPHONE OUTLET BETWEEN AREA LIGHT SWITCHING AND DOOR FRAME (STRIKE SIDE).



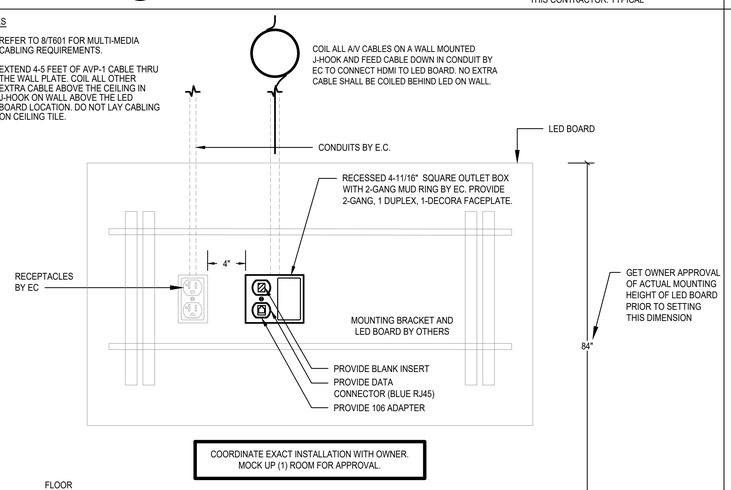
6 WALL MOUNTED TELEPHONE OUTLET DETAIL

SCALE: NONE

NOTES

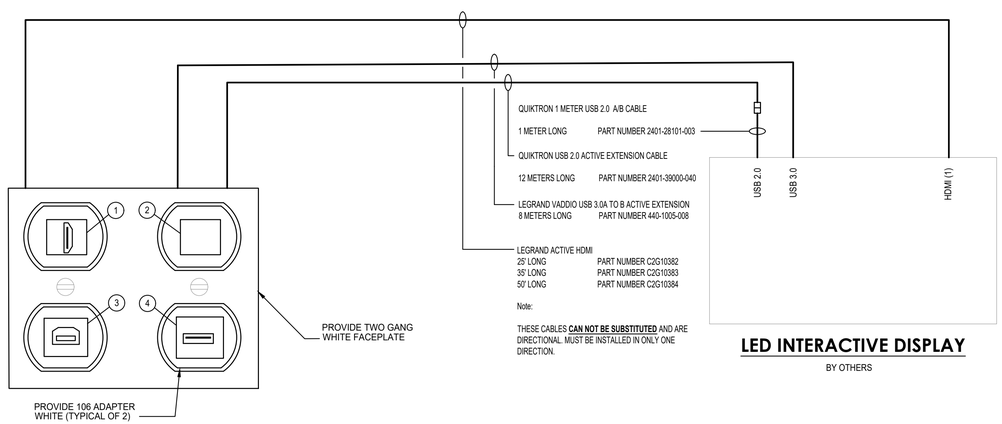
A. REFER TO 8/T601 FOR MULTI-MEDIA CABLING REQUIREMENTS.

B. EXTEND 4-5 FEET OF AVP-1 CABLE THRU THE WALL PLATE. COIL ALL OTHER EXTRA CABLE ABOVE THE CEILING IN J-HOOK ON WALL ABOVE THE LED BOARD LOCATION. DO NOT LAY CABLING ON CEILING TILE.



7 INTERACTIVE LED BOARD NEW WALL CONSTRUCTION DETAIL

SCALE: NONE



8 AVP-1 CABLING DIAGRAM

SCALE: NONE

LED INTERACTIVE DISPLAY

BY OTHERS

PARTS LIST		
ITEM	DESCRIPTION	PART #
1	HDMI (1) - QUIKTRON SNAP-IN HDMI KEYSTONE MODULE	WP124K-WH
2	BLANK INSERT	
3	USB 2.0 - LEGRAND SNAP-IN USB KEYSTONE MODULE	2601-28751-ADT
4	USB 3.0 - LEGRAND SNAP-IN USB KEYSTONE MODULE	2601-68JK-0303AFAF

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision - ISSUED FOR BID 05/21/2025

Drawing Title - COMMUNICATIONS DETAILS

Drawn by: - CMB
Date: - 10/11/2024
APN: - 2224-2A

Drawing Number:

T 601

LED NUMBERS: ■ Administration Building: 64-1-50.01-0-009.013
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

DRAWING NOTES:

1. PROVIDE CARD READER AND DOOR CONTACTS FOR THIS DOOR. CONNECT TO EXISTING DOOR ACCESS CONTROL.
2. REINSTALL AND RECONNECT EXISTING SECURITY CAMERA TO DATA DROP PROVIDED AFTER NEW CEILING WORK IS COMPLETED.
3. DISCONNECT EXISTING DOOR ACCESS CONTROL AND RECONNECT TO NEW DOOR ACCESS SYSTEM CONTROLED BY IP PHONE ON DESK.
4. CONNECT IP PHONE TO CONTROL DOOR ACCESS.
5. PROVIDE NEW CEILING MOUNTED IP SECURITY CAMERA. PROVIDE ATTACHMENT CABLE AS REQUIRED.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING (DROP CEILING)
B	INACCESSIBLE CEILING (HARD CEILING)
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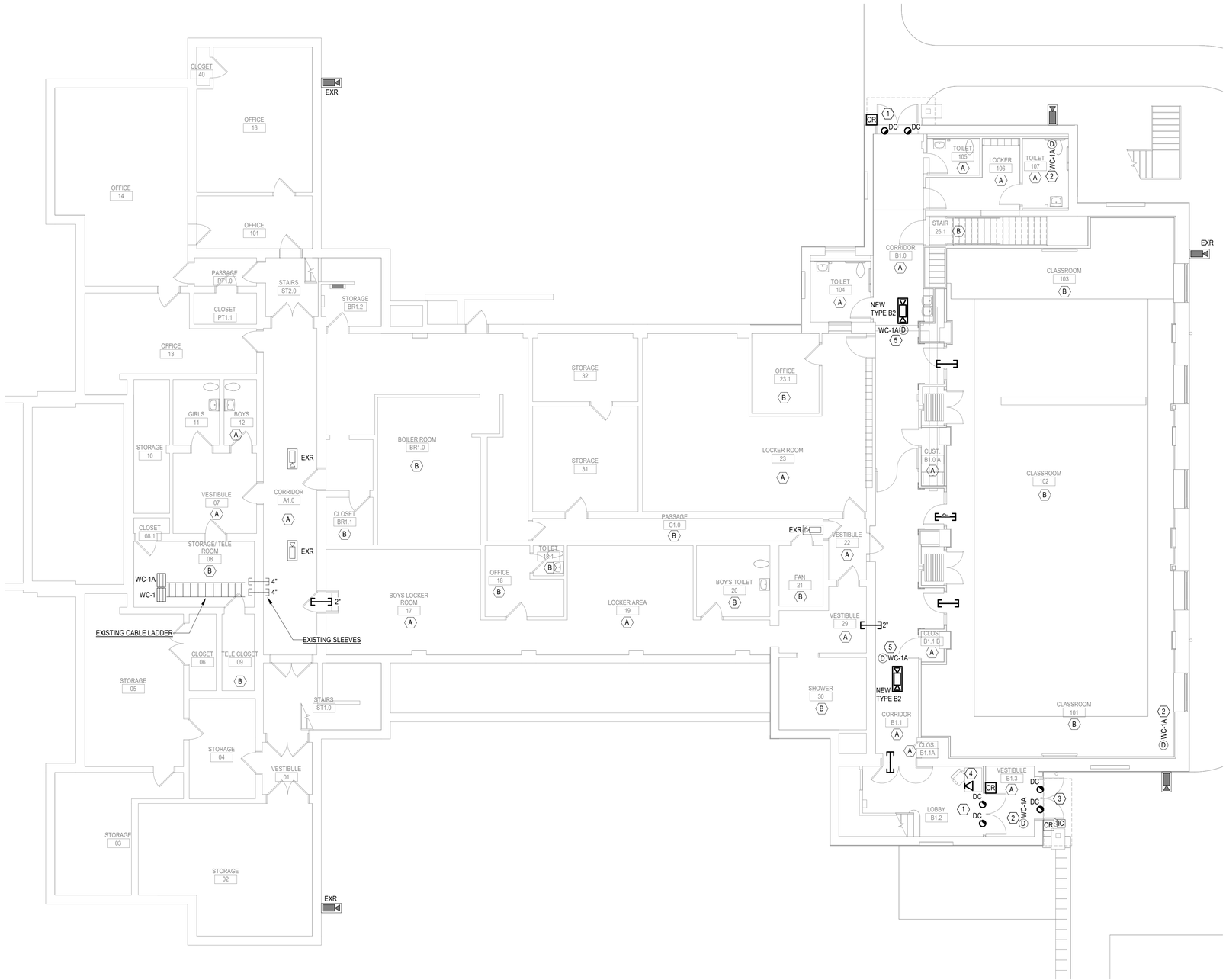

1 LOWER LEVEL SECURITY PLAN
SCALE: 1/8" = 1'-0"

2 BASEMENT SECURITY PLAN
SCALE: 1/8" = 1'-0"

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Alterations to Administration Building

Peekskill City School District
Peekskill, New York

Revision:
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05/21/2025

Drawing Title:
BASEMENT & LOWER LEVEL SECURITY PLAN

Drawn by: C.B.
Date: 10/11/2024
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Drawing Number:
TS 301

SED NUMBERS:
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