Additions and Alterations to: Waverly High School

Waverly Central School District Waverly, NY

	Drawing List		
GENERA	AL -		
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G101 S	ymbols and Abbreviations - Volume 2		
	A - Waverly Jr Sr High School		
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AM102	First Floor Demolition Plan - Area C	AE110	Roo
AM103	First Floor Demolition Plan - Area D	AE130	First
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AM105	First and Second Floor Demolition Plans - Area F	AE132	Sec
AM106	Second Floor Demolition Plan - Area A	AE160	First
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AM109	Roof Demolition Plan - Area A		(Sou
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AM601	Schedules	AE200	Sec
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AM701	Controls	AE500	Deta
		AE500	Deta
ELECTR		AE502	Deta
AE050	First and Second Floor Key Plans	AE502	Deta
AE100	First Floor Demolition Plan - Area A	AE503	Pan
AE101	First Floor Demolition Plan - Area B	AE600	_
AE102	First Floor Demolition Plan - Area C	AE601 AE602	Pan Pan
AE103	First Floor Demolition Plan - Area D	AE602 AE603	Pan
AE104	First Floor Demolition Plan - Area E	AE603 AE604	Lum
AE105	First Floor Demolition Plan - Area F		LUII



Tetra Tech Engineers, Architects & Landscape Architects, P.C.

A - Waverly Jr Sr High School

- cond Floor Demolition Plan Area A econd Floor Demolition Plan - Area C
- econd Floor Demolition Plan Area E
- econd Floor Demolition Plan Area F
- oof Demolition Plan Partial Areas A & C
- rst Floor Lighting Plan Area A
- st Floor Lighting Plan Areas B and C
- econd Floor Lighting Plan Area A and C
- st Floor Power & Communications Plan Partial Area A orth)
- st Floor Power & Communications Plan Partial Area A outh)
- st Floor Power & Communications Plan Area B
- rst Floor Power & Communications Plan Area C
- rst Floor Power Plan Area D
- st Floor Power Plan Area E
- st Floor Power Plan Area F
- econd Floor Power & Communications Plan Area A
- econd Floor Power & Communications Plan Area C econd Floor Power & Communications Plan - Area E
- econd Floor Power & Communications Plan Area F
- oof Power & Fire Alarm Plan
- st Floor Fire Alarm Plan Area A
- st Floor Fire Alarm Plan Area B
- st Floor Fire Alarm Plan Area C
- st Floor Fire Alarm Plan Area D
- st Floor Fire Alarm Plan Area E
- st Floor Fire Alarm Plan Area F
- econd Floor Fire Alarm Plan Area A
- econd Floor Fire Alarm Plan Area C econd Floor Fire Alarm Plan - Area E
- econd Floor Fire Alarm Plan Area F
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A - Waverly Jr Sr High School

PLUMBING

AP100	First Floor Demolition Plan Area A an
AP101	First Floor Demolition Plan Area B
AP102	First Floor Plans - Area C
AP103	Second Floor Demolition Plan Area C
AP104	Roof Demolition Plan Areas B and C
AP130	First Floor Plan Area A and Enlarged
AP131	First Floor Area B
AP132	Second Floor Plan Area C and Mezza
AP133	Roof Key Plan and Partial Area C Pla
AP400	Locker Room Demolition Plans
AP401	Team Rooms Below Slab Plan
AP402	Enlarged Area B Plans

AP500 Details and Schedules

 TETRA TECH
 Architecture Engineering Planning

 ARCHITECTS & ENGINEERS
 Architecture Engineering Planning

 EXAMPLE Formance Facilities

60-01-01-06-0-018-023



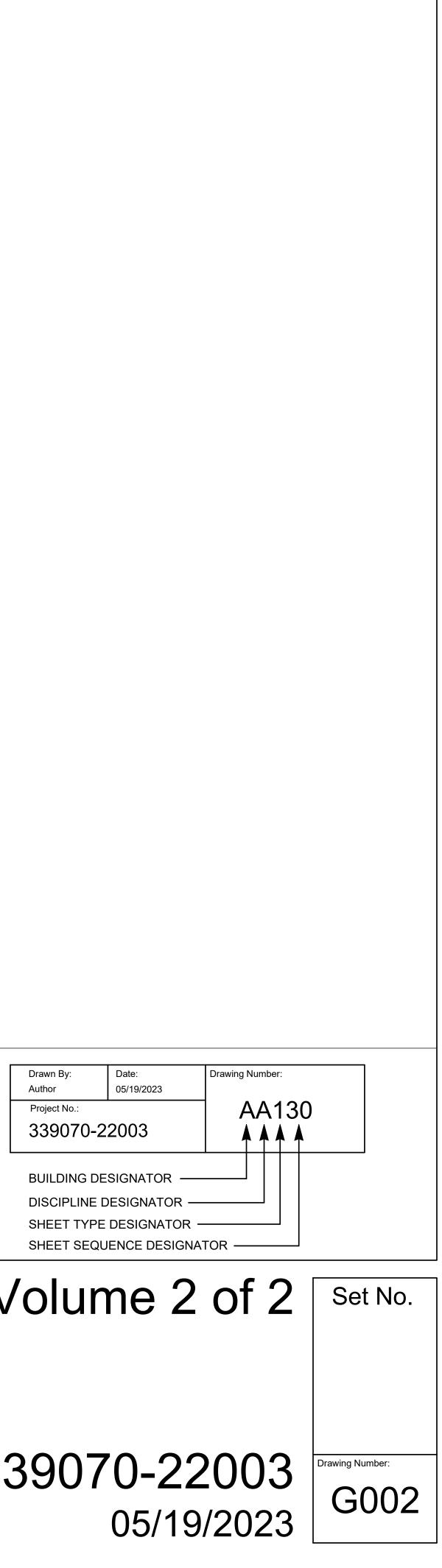
nd Enlarged Plans

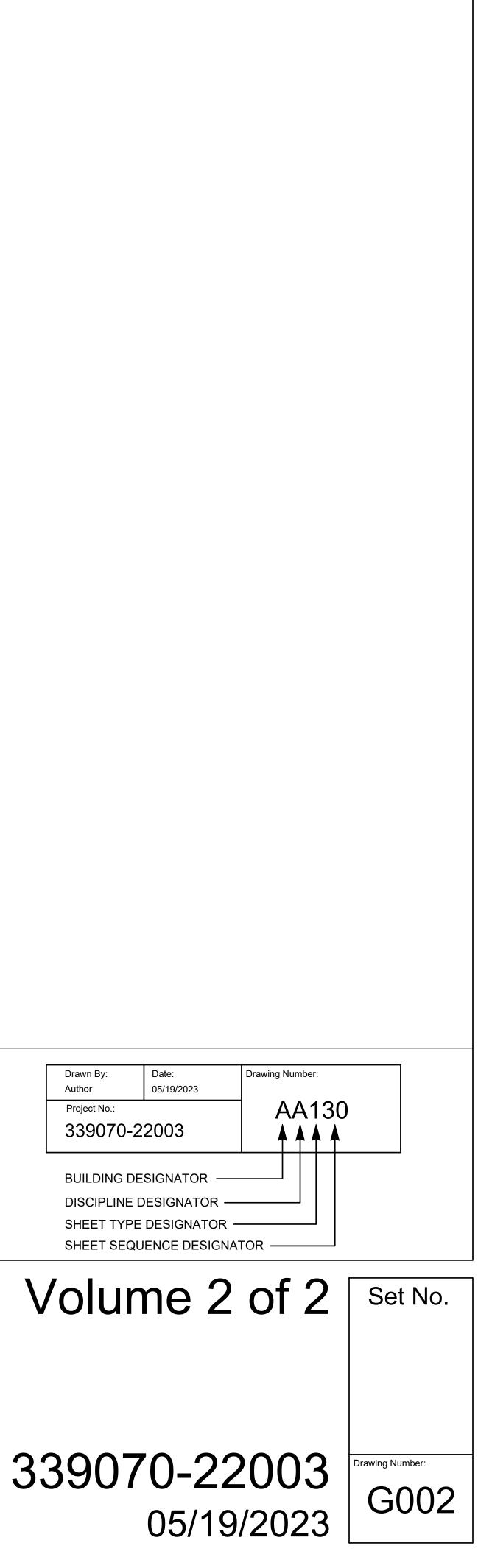
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Drawn By:	Date:
Author	05/19/2023
Project No.:	
339070-2	2003

Vo	lume	2





To the best of the Architect's knowledge, information and belief, the design of this project conforms to all applicable provisions of the New York State Uniform Fire Prevention and Building Code, the New York State Energy Conservation Code, and the building standards of the New York State Education Department.



	S	ite Symbols		Archit	ectural	Syr	nbols	_ 5 Struc	tural	Symb
A	+ 83.36 99.50 TC	SPOT ELEVATION TOP OF CURB ELEVATION								
	+ 99.00 BC + 83.36 136	BOTTOM OF CURB ELEVATION EXISTING SPOT ELEVATION CONTOUR			EXISTIN	IG TO REM	AIN			
_	— — <u>136</u> — — — — 136 — — TB-1	EXISTING CONTOUR			DEMOLI	ITION WOR	κ			DEPRESSED RECESSED
		SOIL TEST BORING							1	TOP OF FTG FROM DATU
В	(+)	TREE OR SHRUB			K	ORK IN EX	ISTING ATION VARIES)	<u>[-4'-0]</u> <u>[-3'-0]</u>		CONTINUOU
	\bigcirc	TREE OR SHRUB TO REMAIN			(1'-8>	
_	\bigcirc	TREE OR SHRUB TO BE REMOVED					TION VARIES)			- BM POCKET ELEVATION FF
		ASPHALT PAVING OR TOP COURSE					CAVITY WALL			— STEPPED FOC
С		HEAVY-DUTY ASPHALT PAVING					AVIIT WALL	<i>,</i>		— INDICATES PI
		REMOVE AND REPLACE ASPHALT PA	AVING		×××××	ALL M BOARD F	PARTITION	P1 (-8) -		— TOP OF PIER I FROM DATUM
		CONCRETE SECTION			W/ MET/	AL STUD W	VALL			
		CURBING			OPERAE	BLE PARTI	TION	F4 [-3'-0]	-	- TOP OF FOOT ELEVATION FF
		CURBING TO REMAIN		100	DOOR NUMBER (ROOM NO W/ DOOI	R NO)				
D	° ° ° °	FENCING		$\langle A \rangle$	WINDOW TYPE					
	× × × × × × × ×	FENCING TO REMAIN FENCING TO BE REMOVED		126	RELOCATED EQUIP		NIMBER		RD	
_		SILT FENCING TEMPORARY CONSTRUCTION FENC	ING	(P3.8)	PARTITION TYPE					INDICATES F
		HAY BALES								opng is foi RD = Roof i Me = Mech i
ш		TEMPORARY TREE PROTECTION			BOARD UNIT SYMB	OL				SL = SKYLIG SH = SMOKE AH = ACCES
	- 0	UTILITY POLE UTILITY POLE TO REMAIN						/		ELEVATION
_	ф 	UTILITY POLE TO BE REMOVED			YMBOLS		ON			DRAWING D
	Ь	NEW OR RELOCATED FIRE HYDRAN	Т		EXISTING ROOF DR	RAIN WITH				NUMBER OF STUDS OVE LENGTH OF
		DROP INLET			ROOF DRAIN INSEF FACTORY-TAPEREI			(-6) W8X15 [14 21K 0.7	4] (GIR) - 21K	INDICATES - AT ADJ GIRI
Ŀ	•	STORM/SANITARY MANHOLE			EJ/CONTROL JOINT					END REACT
		DROP INLET TO REMAIN MANHOLE/CATCH BASIN/DRYWELL		TAPERED 1/4"/FT	DEGREE OF SLOPE INSULATION (MINIM	OF TAPE	RED			DEFLECTIOI APPROX W/ LINTEL DES
_	(\oslash)	TO REMAIN DRYWELL W/ GRATE		OR X	DIRECTION OF DOW TAPERED INSULAT	ION CRICK			/	SEE SCHED
	\bigcirc	DRYWELL W/ SOLID COVER TO GRA	DE		(MINIMUM 1/4"/FT, T DIRECTION OF DOV	VNWARD S		<u> </u>	/ _ 	CONNECTIC COLUMN INDICATES I
IJ	\bigcirc	DRYWELL W/ COVER BURIED		`STRU +X"	ROLLED OR SLOPE					IS EXISTING
	ST	STORM LINE WITH HEADWALL		+X" FLAT	TOTAL THICKNESS	OF AREA	OF FLAT			SPLICE
_		STORM LINE WITH ENDWALL		RS-X	DESIGNATES ROOF	F SYSTEM	TYPE			CONNECTIC
		STORM LINE WITH END SECTION		S L	WALKWAY PAD SKYLIGHT (REINST	ALLED OR	REPLACED)			
Н	ST	STORM PIPE TO REMAIN STORM PIPE TO BE REMOVED/ABAN	DONED		SMOKE VENT OR R					INDICATES I
	UD	UNDERDRAIN UNDERDRAIN TO REMAIN		• OR O	PIPE PENETRATION	N		\ / <u>12K3</u> _ \ /		JOIST DESIG HORIZOTIFA
	//UD-///_	UNDERDRAIN TO BE REMOVED/ABAN	NDONED		ROOFTOP HOOD O	N CURB, T	YP			– JOIST
	SAN SAN	SANITARY LINE SANITARY LINE TO REMAIN			ROOFTOP EQUIPMI (SHAPE AND SIZE \		JRB, TYP	<u>\</u>		DIAGONAL B
	G	SANITARY LINE TO BE REMOVED/AB	ANDONED		TED CEILING	SYMB	OLS		-	
-	G ≁∕ G →∕∕_	GAS LINE TO REMAIN GAS LINE TO BE REMOVED/ABANDO	NED	A 0'-0"	BOTTOM OF CEILIN				×××-	—— SHEAR WAL
	W	WATER LINE WATER LINE TO REMAIN			CEILING HUNG UNI CEILING HUNG FAN					SEE SCHED
_		WATER LINE TO BE REMOVED/ABAN STORM/SANITARY CLEANOUT	DONED		CEILING RETURN/E	EXHAUST (GRILLE			FIREWALL
		GATE VALVE SIGN POST			CEILING SUPPLY D)IFFUSER/(GRILLE	(SW1)	******	WALL TYPE
ſ	£	UNIVERSAL HANDICAP SYMBOL			EXIT LIGHT					
		REMOVAL			2 X 4 FIXTURE IN					
_		RIP-RAP			2 X 2 PATTERN					
) FINISH PLANS FOR ROOM FINISH ADDITIONAL ABBREVIATIONS AND	BOD	BY OTHERS BOTTOM OF DUCT BOTTOM OF FOOTING		CONT	CONSTRUCTION CONTINOUS CONTRACT (OR)		E EA EAT	EAST EXHAUST AIR, E ENTERING AIR T
	AAD AUTOMAT	S ABATEMENT CONTRACTOR IC AIR DAMPER BOLT, AIR BARRIER	BOS BOT BPL	BOTTOM OF STEEL BOTTOM BEARING PLATE BOTTOM REGISTER		COORD CORR COWP	COORDINATE CORRUGATED, CO CLEAN OUT WALL		EB EC ECF EIFS	EXPANSION BOI ELECTRICAL CO ENHANCED CON EXTERIOR INSU
К	AC AIR COND CURRENT ACCMP ASPHALT	ITIONING, ALTERNATING	BRDG BRG BRK	BRIDGING BEARING BRICK		CR CRS CSK	CEILING REGISTE COURSE (S) COUNTERSINK		EF EJ ELEC	EACH FACE, EXI EXPANSION JOIN ELECTRIC (AL)
	ACT ACOUSTIC	S CONTAINING MATERIAL CAL CEILING TILE ITIONING UNIT AIN	BRZ BS	BRICKSHELF BRONZE BOTH SIDES, BOTTOM (BASEMENT	DF STAIR	CSMT CT CTD CTOP	CASEMENT COMPUTER TERM COATED COUNTER TOP	IINAL, CERAMIC BASE TIL	ELEM E ELEV EM EMT	ELEMENT ELEVATION, ELE EMERGENCY ELECTRICAL ME
_	ADA AMERICAI ADD ADDENDU ADDL ADDITION	N DISABILITIES ACT IM AL	BSPL BT BTU	BACKSPLASH BENT BRITISH THERMAL UNIT		CTR CU CUH	CENTER CUBIC CABINET UNIT HE		ENC EOD EOS	ENCLOSURE EDGE OF DECK EDGE OF SLAB
	ADDN ADDITION ADH ADHESIVE ADJ ADJACEN ADR ACCESS [E T	BUR BW	BRITISH THERMAL UNIT BUILT-UP ROOFING BOTTOM OF WALL BACK WATER CHECK V		CV CW CWR CWS	CONVECTOR, CUP COLD WATER CHILLED WATER P CHILLED WATER S	RETURN	EQ EQC EQUIP ES	EQUAL, EQUIVA EQUIPMENT CO EQUIPMENT EXPOSED SURF
Г	AESS ARCH EXF AFF ABOVE FII AH ACCESS F	POSED STRUCTURAL STEEL NISH FLOOR HATCH	С	CONDUIT, CONVECTOR COMMON, CARPET		CWT D	CERAMIC WALL T	ILE	ESF ESM EW	ELASTIC SHEET ELASTIC SHEET EACH WAY
	ALT ALTERNA	RATION BARRIER	CAB CATV	COMPRESSED AIR CABINET CABLE TELEVISION CATCH BASIN, CIRCUIT	BREAKER.	DB DC DDC DE	DRY BULB DIRECT CURRENT DIRECT DIGITAL C DELONIZED WATE	ONTROL	EWC EWT EXH EXG	ELECTRIC WATE ENTERING WATE EXHAUST EXISTING
_	ALTN ALTERATI AMP AMPERE ANOD ANODIZEI	ON ALUM ALUMINUM	CCTV CD	CHALKBOARD CLOSED CIRCUIT TELEY CEILING DIFFUSER, CO	/ISION	DEG DEMO DEP	DEGREES DEMOLISH DEPRESS (ED) (IC		EXP EXT	EXPANSION EXTERIOR, EXTI
	AP ACCESS F APPROXIN APC ARCHITEC	CTURAL PRECAST CONCRETE	CER CFM CFMF	CEMENT CERAMIC CF CUBIC FEE CUBIC FEET PER MINUT COLD FORMED METAL F	E	DET DF DH DHU	DETAIL (ED) DRINKING FOUNT, DOUBLE HUNG DEHUMIDIFICATIC	N UNIT	F FA FAI FCU	FAHRENHEIT FIRE ALARM FRESH AIR INTA FAN COOLING U
M	ARCH ARCHITEC A/S AIR SEPAI ASB ASBESTO	CT (URAL) RATOR	CFT CG CHAN	CERAMIC FLOOR TILE CEILING GRILLE CHANNEL		DI DIA	DROP INLET, DUC WATER DIAMETER	TILE IRON, DISTILLED	FD FDC FE	FLOOR DRAIN, F FIRE DEPARTME FIRE EXTINGUIS
-	AUD AUDITORI AUTO AUTOMAT	IC	CI CIP CIRC	CEILING HUNG UNIT VE CAST IRON CAST IN PLACE CIRCUMFERENCE		DIAG DIM DISP DIST	DIAGONAL DIMENSION DISPENSER DISTANCE		FEC FF FFE FFL	FIRE EXTINGUIS FINISH FLOOR, F FINISH FLOOR E FINISH FLOOR L
	AVE AVERAGE B BOILER, B	RICK, BOTTOM	CJ CL CLG	CONTROL JOINT CENTER LINE CEILING CAULKING		DIV DL DN DO	DIVISION DEAD LOAD DOWN DITTO		FG FH FHC	FLOOR GRILLE FIRE HYDRANT FIRE HOSE CAB
_	BBD BOILER BI BC BOTTOM (BCU BLOWER (LOWDOWN DF CURB COIL UNIT	CLL CLR CLRM	CONTRACT LIMIT LINE CLEAR (ING) (ENCE) CLASSROOM		DP DPR DR	DAMPPROOF (ING DAMPER DOOR, DEEP RIB	i)	FIN FIXT FL FLD	FINISH (ED) FIXTURE FLUSH FLOOR DUCT
	BCX BOTTOM (BD BOARD BDD BACKDRA	CHORD EXTENSION FT DAMPER W PREVENTER	CMP CMT CMU	CORRUGATED METAL F CERAMIC MOSAIC TILE CONCRETE MASONRY I CLEAN OUT		DWG DS DT DTA	DRAWING	AINAGE STRUCTURE	FLEX FLG FLR	FLEXIBLE FLASHING FLOOR (ING) FLUORESCENT
z	BG BOTTOM O BIT BITUMINO BLDG BUILDING	GRILLE	CODP COL COMB	CLEAN OUT DECK PLAT COLUMN COMBINATION		DTL DTS DTR	DETAIL DUAL TEMPERATI DUAL TEMPERATI	JRE SUPPLY JRE RETURN	FM FMC FND	FLOOR MOUNTE FLEXIBLE META FOUNDATION
	BLK BLOCK BLKG BLOCKINC BM BEAM	3	CONC COND	COMPRESS (ED) (ION) (CONCRETE CONDENSATE CONNECTION	BLE), COMPOSITE	DW DWL DWR	DUMBWAITER, DIS DOWEL DRAWER	SHWASHER	FOB FOG FOR FOS	FREIGHT ON BO FUEL OIL GAUGI FUEL OIL RETUR FUEL OIL SUPPL
		I						1	FOT	FLAT ON TOP

6	1	7 8		9	10		11	12	<u>,</u>
nbols					Mechanic	cal Symbols	S		
ATES AREA IS	TAG NO.	EQUIPMENT TAG (NON-MOTORIZED)		ATV	ATMOSPHERIC VENT	<u> </u>	BASKET STRA	AINER	
ING	VALUE	CFM, GPM, CAPACITY		BBD	BOILER BLOW DOWN		DUPLEX BASH	KET STRAINER	
ATES SLAB IS ESSED OR	TAG NO.	EQUIPMENT TAG (MOTORIZED)		— CWS——— — CWR———	CHILLED WATER SUPPLY CHILLED WATER RETURN		AQUASTAT		
SSED	VALUE			CGS	CHILLED GLYCOL SUPPLY	D	PITCH PIPING	G (DOWN)	
F FTG ELEVATION DATUM	TAG NO.]		— CGR —	CHILLED GLYCOL RETURN	Q	AUTOMATIC F	FLOW CONTROL VALVE	
INUOUS FTG	NECK SZ.	REGISTER, GRILLE, DIFFUSER		— c ——	CONDENSER WATER SUPPLY		BACKFLOW P	REVENTOR	
	CFM			CR	CONDENSER WATER RETURN	B	BALANCING V BALL VALVE	/ALVE	
ATION WALL	FTR-TYPE			— GS —	GLYCOL SUPPLY GLYCOL RETURN		EXISTING BAI	LL VALVE	
CKET ION FROM DATUM	ENC. LENGTH	W/W: WALL TO WALL		— HGS———	HOT GLYCOL SUPPLY		BUTTERFLY		
D FOOTING	GPM	W/D: WALL TO DOOR, ETC		—— HGR———	HOT GLYCOL RETURN		CHECK VALV	E ROL MODULATING VALVE	
	\square	SUPPLY DUCT - POSITIVE PRESSURE		HPWS HPWR	HEAT PUMP SUPPLY HEAT PUMP RETURN				
ES PIER TYPE				HWS	HOT WATER SUPPLY		3-WAY CONTI MODULATING (INSTALL STE	VALVE	
PIER ELEVATION ATUM		RETURN DUCT - NEGATIVE PRESSURE		— HWR——— — HCS———	HOT WATER RETURN HOT/CHILLED WATER SUPPLY		3-WAY CONTI		
		EXHAUST DUCT - NEGATIVE PRESSURE		HCR	HOT/CHILLED WATER RETURN	S	VALVE (SELF	-CONTAINED)	
FOOTING	8x8	DUCTWORK, FIRST VALUE IS SIZE OF SIDE IN VIEW		LPS	LOW PRESSURE STEAM		SOLENOID (E	LECTRIC) ON/OFF	
ION FROM DATUM		DUCT TRANSITION		— LPC———	LOW PRESSURE CONDENSATE		MOTORIZED N	MODULATING VALVE	
ES FOOTING TYPE TO FOOTING JLE		DUCT OFFSET			(FLOODED) CONDENSATE MECHANICAL EQUIPMENT MAKE-	fkj O	FUSIBLE LINK	(VALVE	
		RECTANGULAR ELBOW		MO	UP COLD WATER(NON-POTABLE)			RE REGULATOR VALVE	
ATES A FRAMED		W/TURNING VANES		RS	REFRIGERANT SUCTION		TRIPLE DUTY		
OR FLOOR OPNG D SIZE AND TION		RECTANGULAR ELBOW		RL HG	REFRIGERANT LIQUID REFRIGERANT HOT GAS		GLOBE VALV	E	
					PUMP DISCHARGE		OS&Y GATE \ PLUG VALVE		
ATES FRAMED IS FOR: ROOF DRAIN		ROUND DUCTWORK W/ MITERED ELBOW			REMOVE EXG. DUCT, PIPING, EQUIPMENT			EDUCING VALVE	
MECH EQUIP KYLIGHT		RADIUS ELBOW W/		EXG	EXISTING HVAC PIPE	<u>k</u>	PRESSURE R	ELIEF VALVE	
SMOKE HATCH ACCESS HATCH		TURNING/SPLITTER VANES		Ŷ	BOTTOM PIPE CONNECTION		STEAM TRAP		
		RADIUS ELBOW			TOP PIPE CONNECTION PIPE ELBOW DOWN	⊗ ^I		TIC STEAM TRAP	
ATION FROM /ING DATUM				с о	PIPE ELBOW UP	_	STEAM TRAP		
SIZE ER OF SHEAR		STANDARD BRANCH DUCT		Ē	PIPE DOWN WITH CLEANOUT AT BAS	SE SE	BUCKET STE		
S OVER FULL TH OF BEAM				٤ـــــ	PIPE DOWN WITH SHUTOFF VALVE				
ATES TOP OF BEAM DJ GIRDER ELEV		ACOUSTICALLY LINED DUCTWORK			CAP OR PLUG	() 	CIRCULATING		
REACTION- KIPS		ACOUSTICALLY LINED		·	UNION CONNECTION				
ECTION (INCHES)	<u> </u>	DUCTWORK (UP/DOWN)			PIPING REDUCER (CONCENTRIC)		CLEANOUT P		
OX W/ WET CONC L DESIGNATION	OR	- FLEXIBLE DUCT			PIPING REDUCER (ECCENTRIC)				
CHEDULE ATES LINTEL			_	——————————————————————————————————————	PIPE ANCHOR	F	FIRE RISER V	ALVE ASSEMBLY	
IECTION TO MN		VOLUME DAMPER	_		PIPE GUIDE EXPANSION COMPENSATOR	BS	BURNER SHU	IT OFF	
ATES MEMBER STING	FD	_			EXPANSION JOINT				
ATES BEAM		FIRE DAMPER			FLEX CONNECTOR	(\mathbf{H})	HUMIDISTAT		
E ATES MOMENT	SD	SMOKE DAMPER			TEMPERATURE OR PRESSURE PROBE WELL	(H) s	HUMIDITY SE	NSOR	
ECTION	FSD				THERMOMETER	H _{SG}	HUMIDITY SE	NSOR W/ GUARD	
COLUMN		FIRE AND SMOKE DAMPER		Ρ	PRESSURE SWITCH	\bigcirc 30	PRESSURE S		
IECTION TO BEAM ATES BM TO HAVE		D AUTOMATIC AIR DAMPER				(P) _S	FRESSURE S	ENSOR	
OF WALL CLIPS	BDD			 ☆ r Ŷ TP	PRESSURE GAUGE	(P) _{SG}	PRESSURE S	ENSOR W/ GUARD	
DESIGNATION		BACKDRAFT DAMPER			TEMPERATURE/ PRESSURE GAUGE	S	SWITCH		
		EXISTING DUCTWORK		AV	MANUAL AIR VENT	(T)	THERMOSTA	г	
NAL BRIDGING		- AIR FLOW		₽SV	STEAM VENT	(T)	THERMOSTAT		
	\rightarrow	DUCT AIR FLOW		UB	VACUUM BREAKER	G			
NRY LOAD NG WALL				F	FLOW SWITCH	(T) _S	TEMPERATUR	RE SENSOR	
		EXISTING MECHANICAL EQUIPMENT TO BE REMOVED			FLOW METER	(CO2)	CO2 SENSOR	1	
R WALL CHEDULE		EXISTING MECHANICAL EQUIPMENT			ORIFICE METER		POINT OF CO	NNECTION	
BEARING WALL					VENTURI FLOW METER	· · · · · · · · · · · · · · · · · · ·			
/ALL		MECHANICAL EQUIPMENT			WYE STRAINER	\vdash	FIRE DEPART	MENT CONNECTION	
ТҮРЕ					WYE STRAINER WITH BLOW DOWN V	/ALVE			
		ACCESS CLEARANCE	_	→					
			_	M	PIPE BREAK WATER METER				
	FP F		ID		MAS	MASONRY		PERP PERPENDICULA	
AIR, EACH GAIR TEMPERATURE DN BOLT	FR F FRA F	FEET PER MINUTE FRAME, FLOOR REGISTER FRESH AIR	IE IN INCL	INVERT ELEVATION INCHES INCLUDE (D) (ING)	MAT MAU MAX	MATERIAL MAKE UP AIR UNIT MAXIMUM		PL PLATE, PROPER PLAM PLASTIC LAMIN, PLAS PLASTER, PLAS	AT STIC
AL CONTRACTOR D CONCRETE FLOORING R INSULATION SYSTEM	FRP F	FIRE RESISTANT COATING FIBERGLASS REINFORCED PANEL FIRE RETARDANT	INS INT INV	INSULATE (D) (ION) INTERIOR INVERT	MB MBH MBR	MARKER BOARD THOUSAND BTUH MEMBER		PLF POUNDS PER LI PLYWD PLYWOOD PM PLUGMOLD	INE
CE, EXHAUST FAN DN JOINT C(AL)	FS F FSD F	FLOOR SINK FIRE AND SMOKE DAMPER FEET, FLOOR TREATMENT	IP IPS IW	IRON PIPE IRON PIPE SIZE INDIRECT WASTE	MD ME MECH	MOTORIZED DAMPER MECHANICAL EQUIPMENT MECHANICAL (LY)		PNL PANEL POC POINT OF CURV CONNECTION	/A1
N, ELEVATOR	FTG F FTR F	FOOTING FIN TUBE RADIATION	J	JANITORS CLOSET	MED MEMB	MEDIUM MEMBRANE		POL POLISHED POS POSITIVE	~~
ICY AL METALLIC TUBING RE	G (FLUSH VALVE GAS, GLYCOL	JAN JB JC	JANITORS CLOSET JUNCTION BOX JANITORS CLOSET	MEZZ MF MFR	MEZZANINE MIXING FAUCET MANUFACTURE (R)		POT POINT OF TANG PR PAIR PRE POWER ROOF E	EXF
DECK SLAB QUIVALENT	GA (GAL (GAUGE GALLON GALVANIZED	JCT JT	JUNCTION JOINT	MH MIN MIR	MAN HOLE MINIMUM MIRROR		PREP PREPARE (ATIC PRF PREFORMED PROJ PROJECT	N)
NT CONTRACTOR NT	GASK (GC (GASKET (ED) GENERAL CONTRACT (OR)	KW KWH KV	KILOWATT KILOWATT PER HOU	IR MISC	MISCELLANEOUS MASONRY OPENING		PS PAINT EXPOSE PSF POUNDS PER S	QU
SURFACE, EXPOSED STR SHEET FLASHING SHEET MEMBRANE	GCO (GL (GLAZED CONCRETE MASONRY UNIT GRADE CLEANOUT GF GROUND FACE GLASS, GLAZING	KV KVA	KILOVOLT KILOVOLT AMPERE	MOD MR MP	MODULE (OR), MODEL MOP RECEPTOR MULTICOLOR WALL COATIN	G	PSI POUNDS PER S PT POINT, PORCEL PTD PAINTED	_All
Y WATER COOLER WATER TEMPERATURE	GPM (GR (GROUND GALLONS PER MINUTE GRADE (ING), GLYCOL RETURN	L LAB LAD	LENGTH, LONG LABORATORY LADDER	MT MTD MTG	MOUNT MOUNTED MOUNTING		PTFR PRESSURE TRE PTP PRESSURE TRE PVC POLYVINYL CHL	ΞΑΤ
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HIP

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HIGH IMPACT PANEL

HANDRAIL, HOUR

HPS HEAT PUMP LOOP WATER SUPPLY HPR HEAT PUMP LOOP WATER RETURN HPC HIGH PERFORMANCE COATING HPL HIGH PERSURE LAMINATE

IG) CENT OUNTED METAL CONDUIT ON BOARD, FLAT ON BOTTOM GAUGE RETURN SUPPLY

HIPHIGH IMPACT PANELLGLENGTH, LONGHMHOLLOW METALLGILARGE GROUP INSTRUCTIONHORZHORIZONTALLHLEFT HANDHPHORSEPOWER, HIGH PRESSURE, HEAT PUMPLINLINEARHPSHEAT PUMP LOOP WATER SUPPLYLKRLOCKERHPRHEAT PUMP LOOP WATER RETURNLLLIVE LOADHPCHIGH PERFORMANCE COATINGLPLOW PRESSUREHPIHIGH PERSSURE LAMINATELPCLOW DRESSURE

LG LENGTH, LONG

LPC LOW PRESSURE CONDENSATE LPS LOW PRESSURE STEAM

LIGHT, LINOLEUM TILE

LWT LEAVING WATER TEMPERATURE

LOW POINT LINOLEUM SHEET

LINTEL LOW VOLTAGE

LVR LOUVER

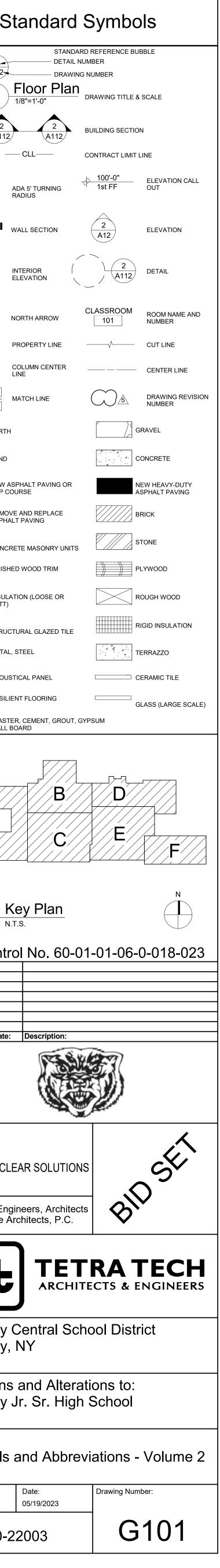
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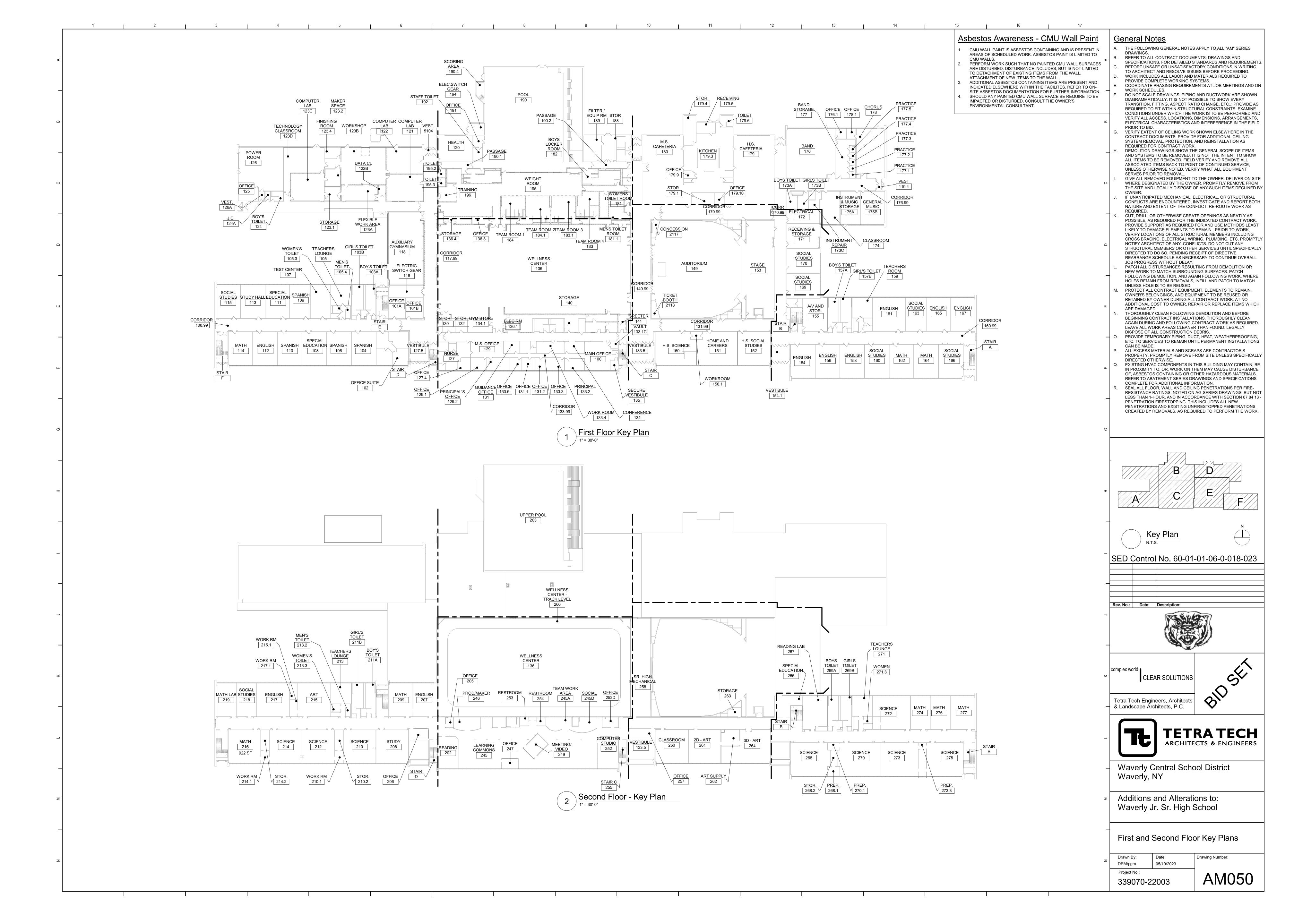
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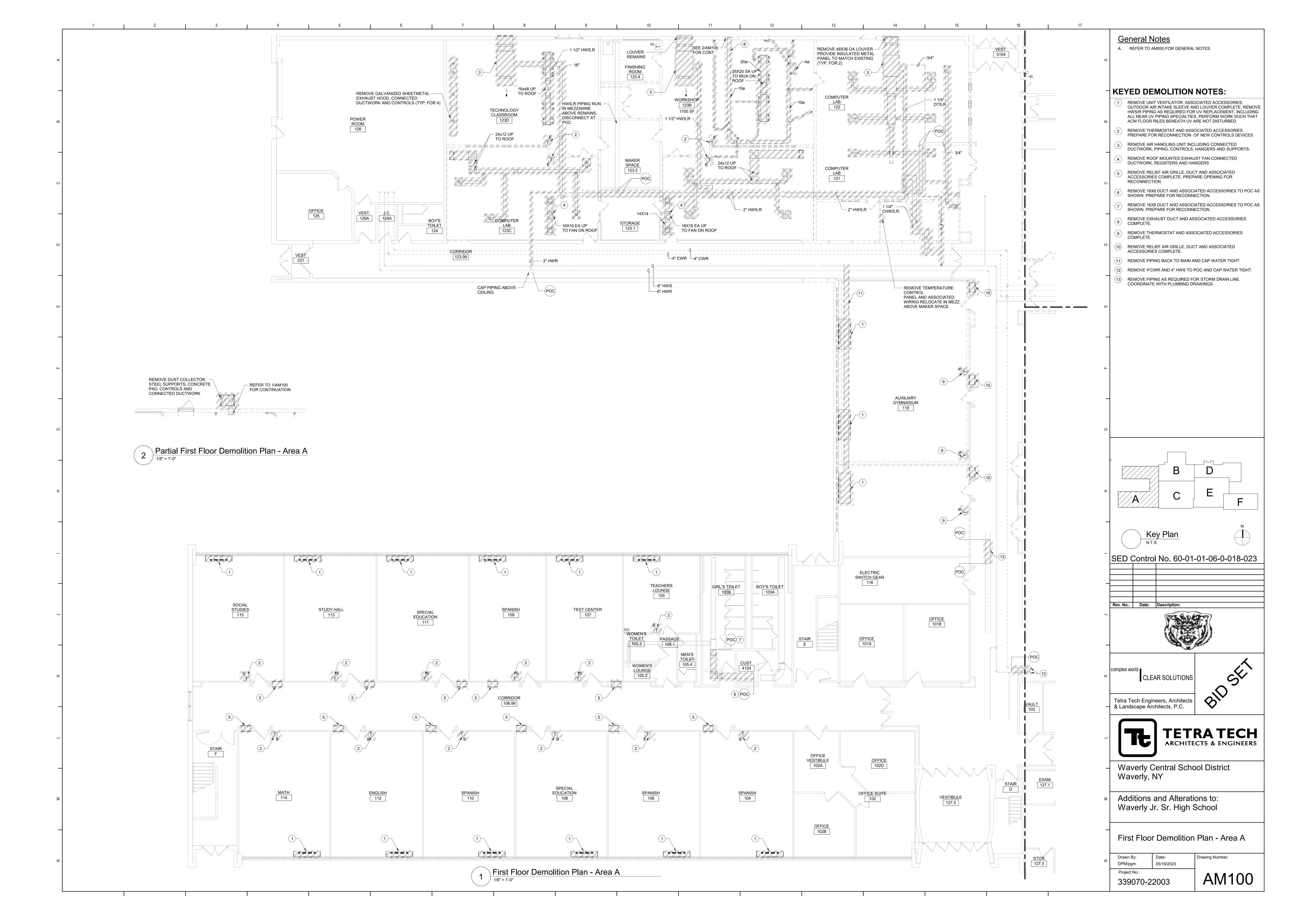
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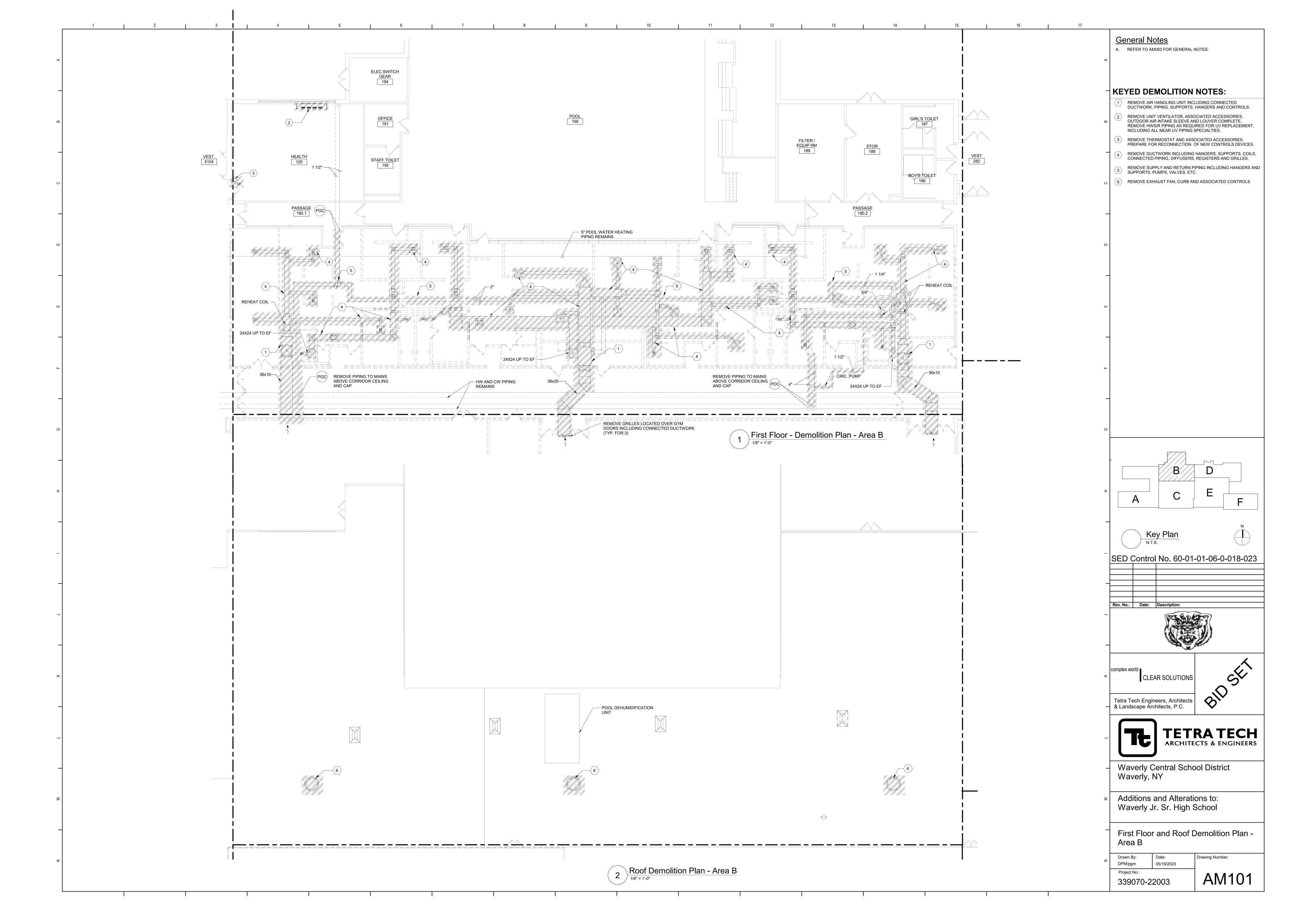
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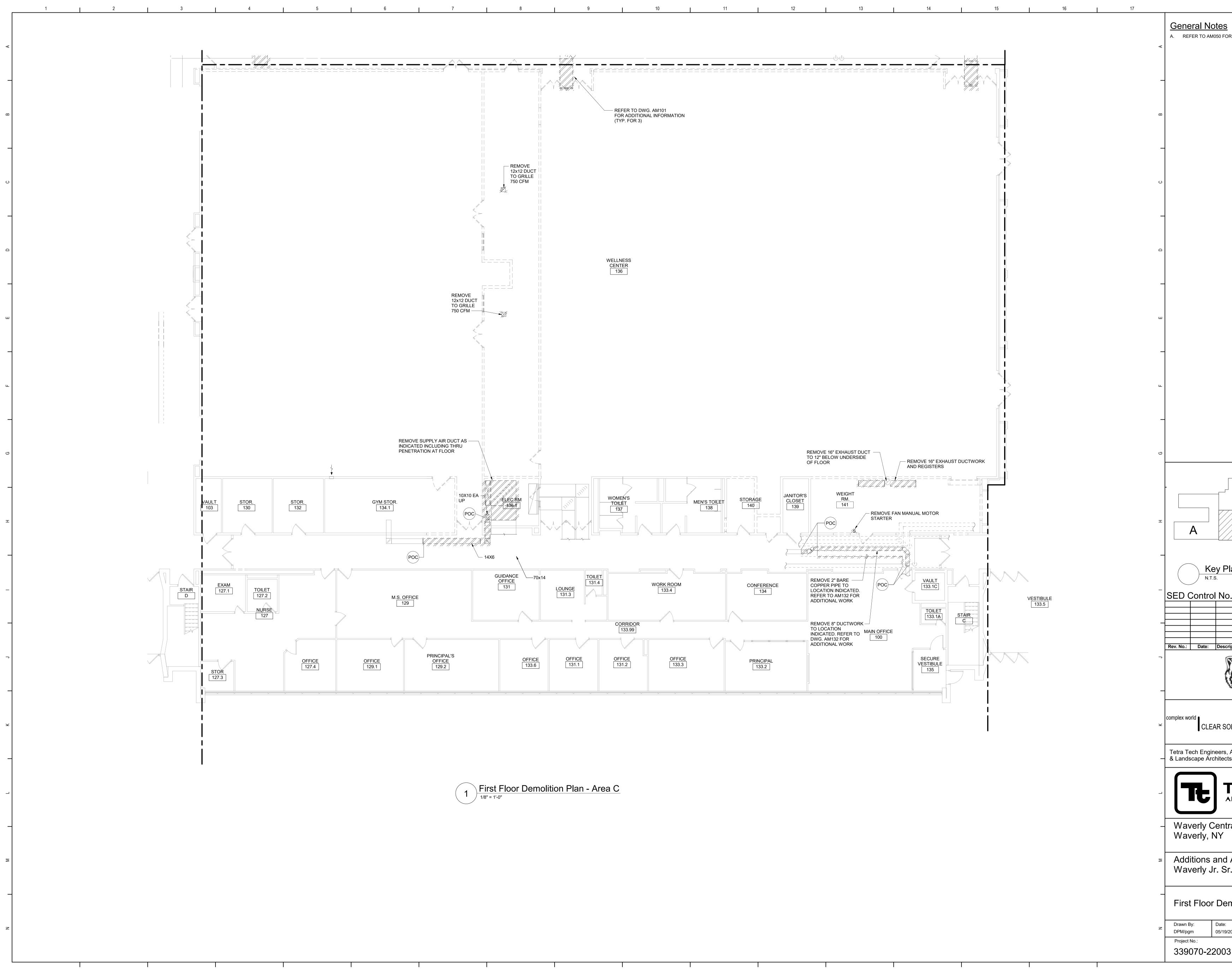
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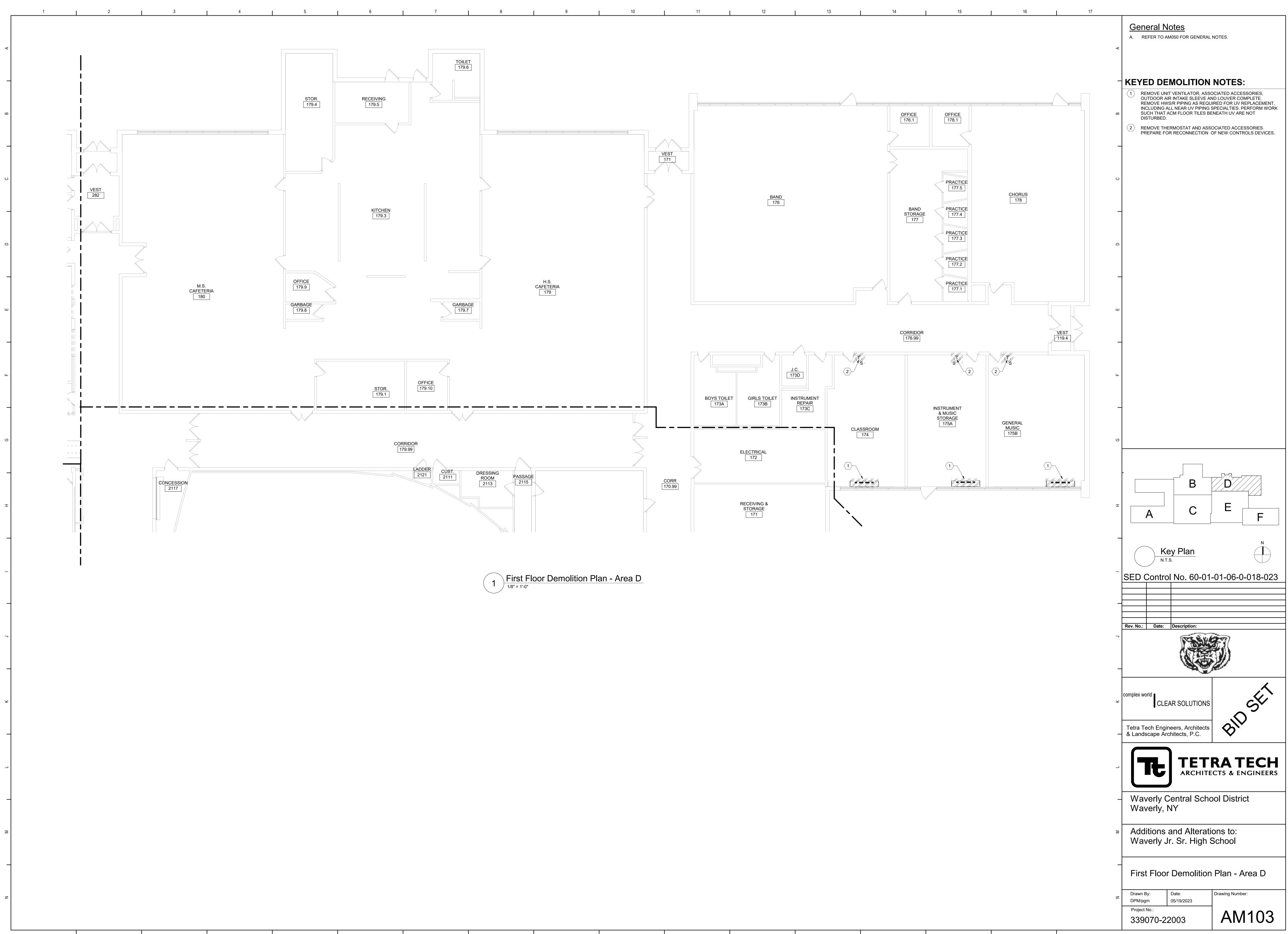


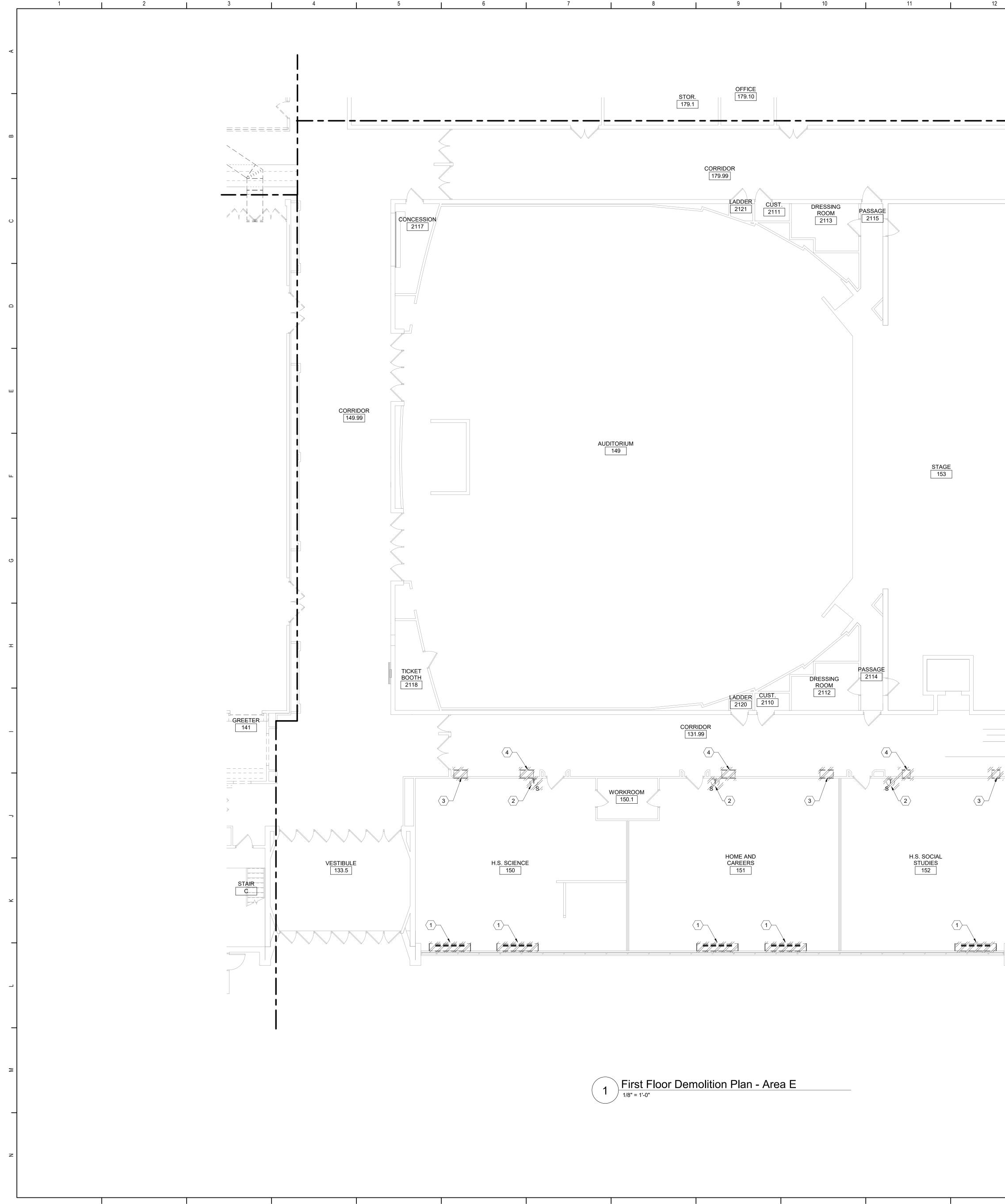






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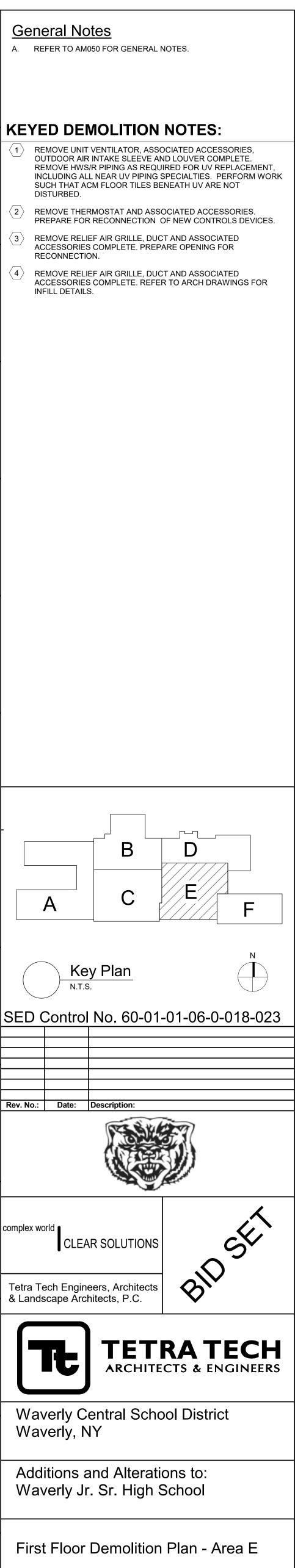
14 16 17 15 1 General Notes A. REFER TO AM050 FOR GENERAL NOTES. **KEYED DEMOLITION NOTES:** INSTRUMENT GIRLS TOILET REPAIR 173C 173B DISTURBED. CLASSROOM 174 (3) REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. PREPARE OPENING FOR ELECTRICAL RECONNECTION. $\langle 4 \rangle$ REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED В С Α Key Plan Rev. No.: Date: Description: complex world CLEAR SOLUTIONS Tetra Tech Engineers, Architects & Landscape Architects, P.C. 'TŁ, Waverly Central School District Waverly, NY

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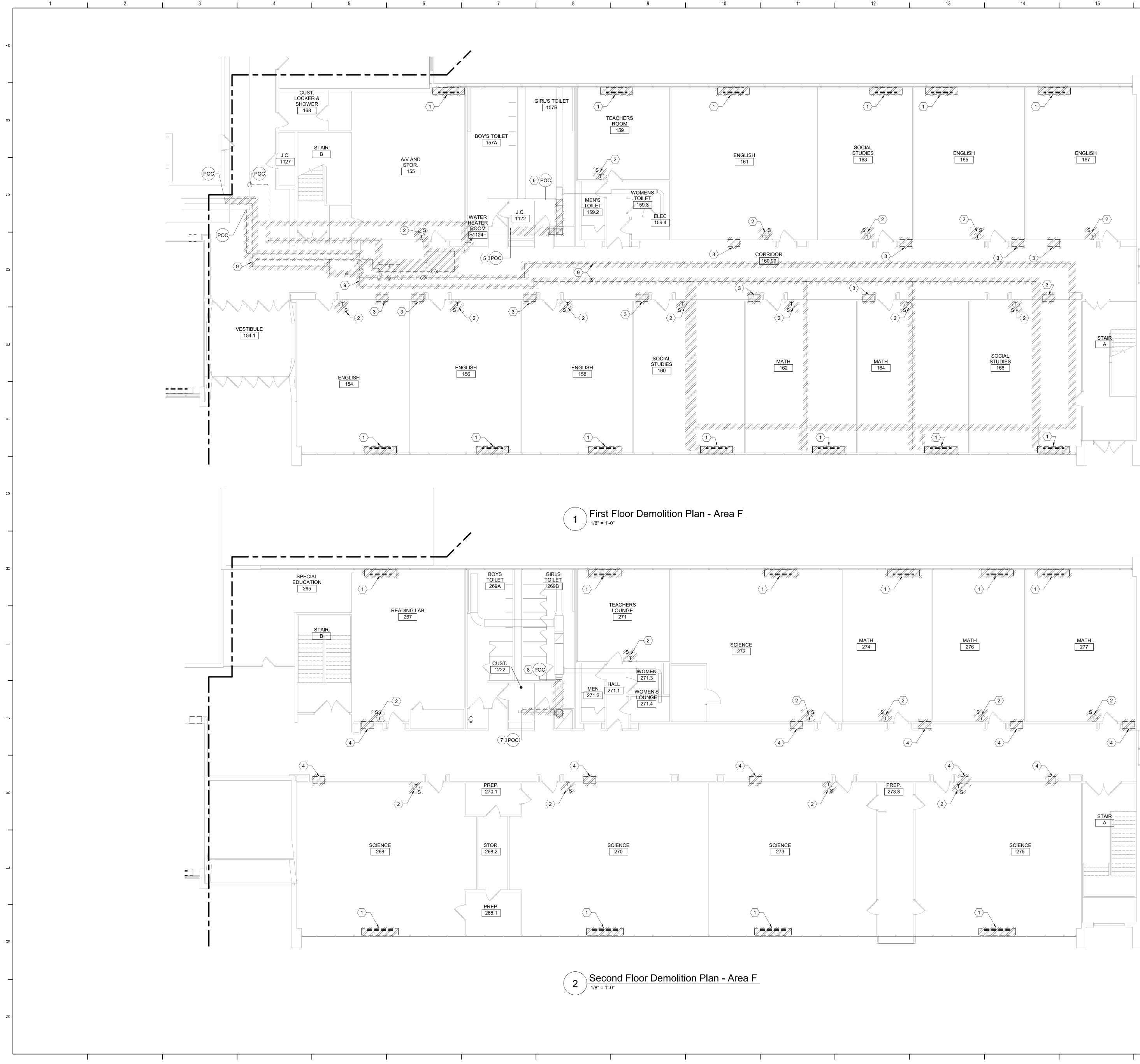
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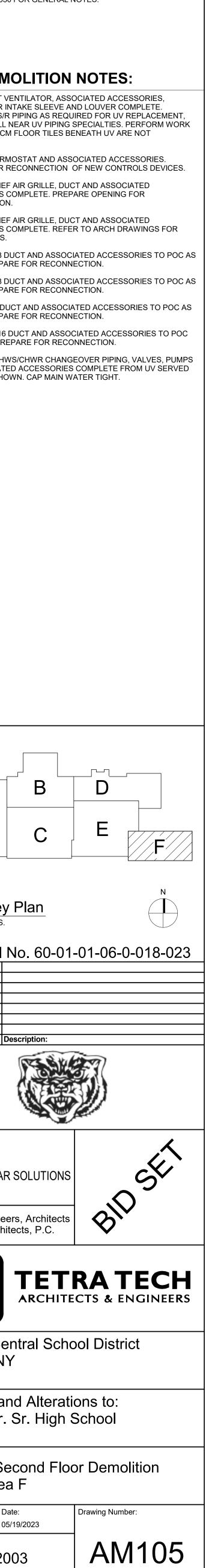
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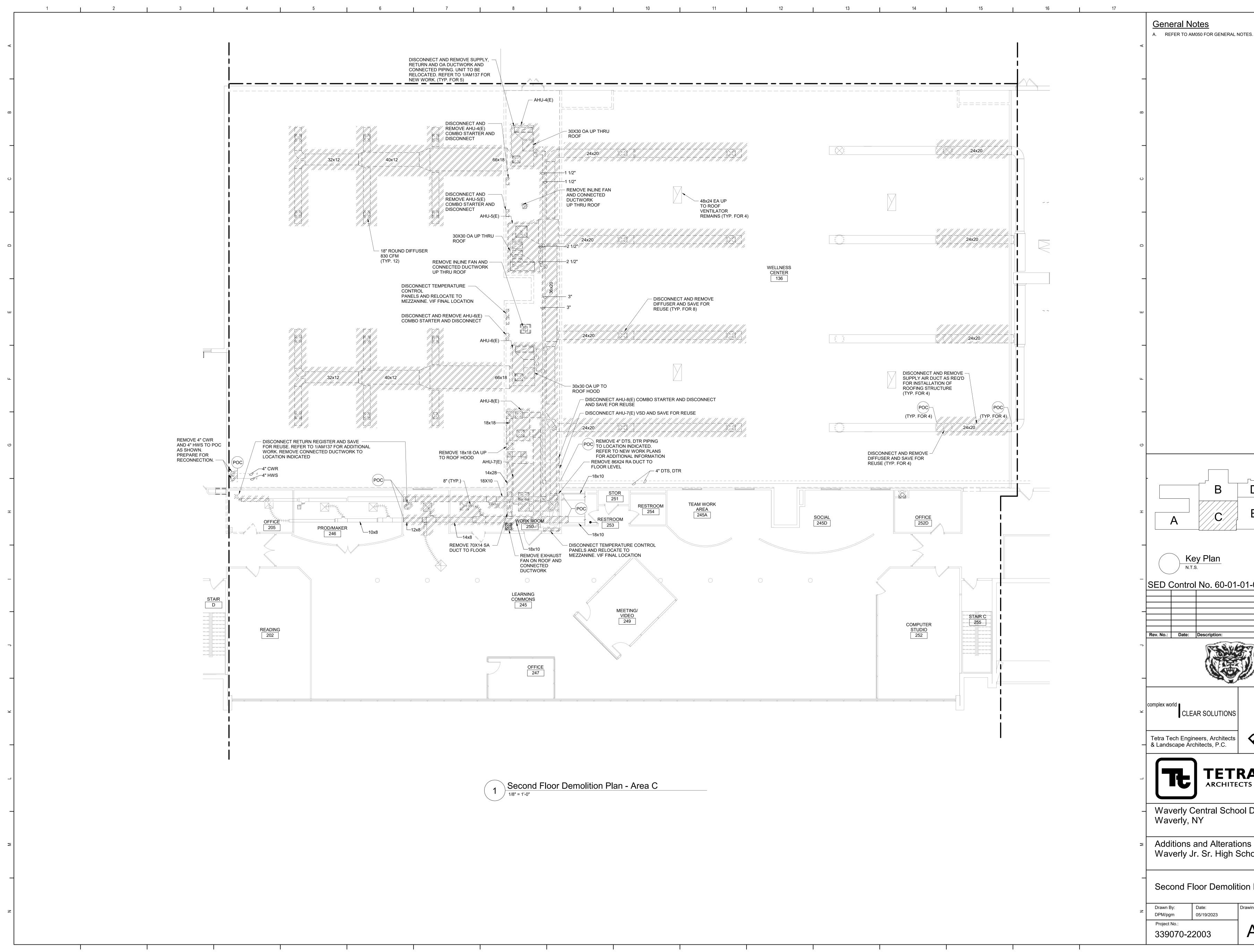
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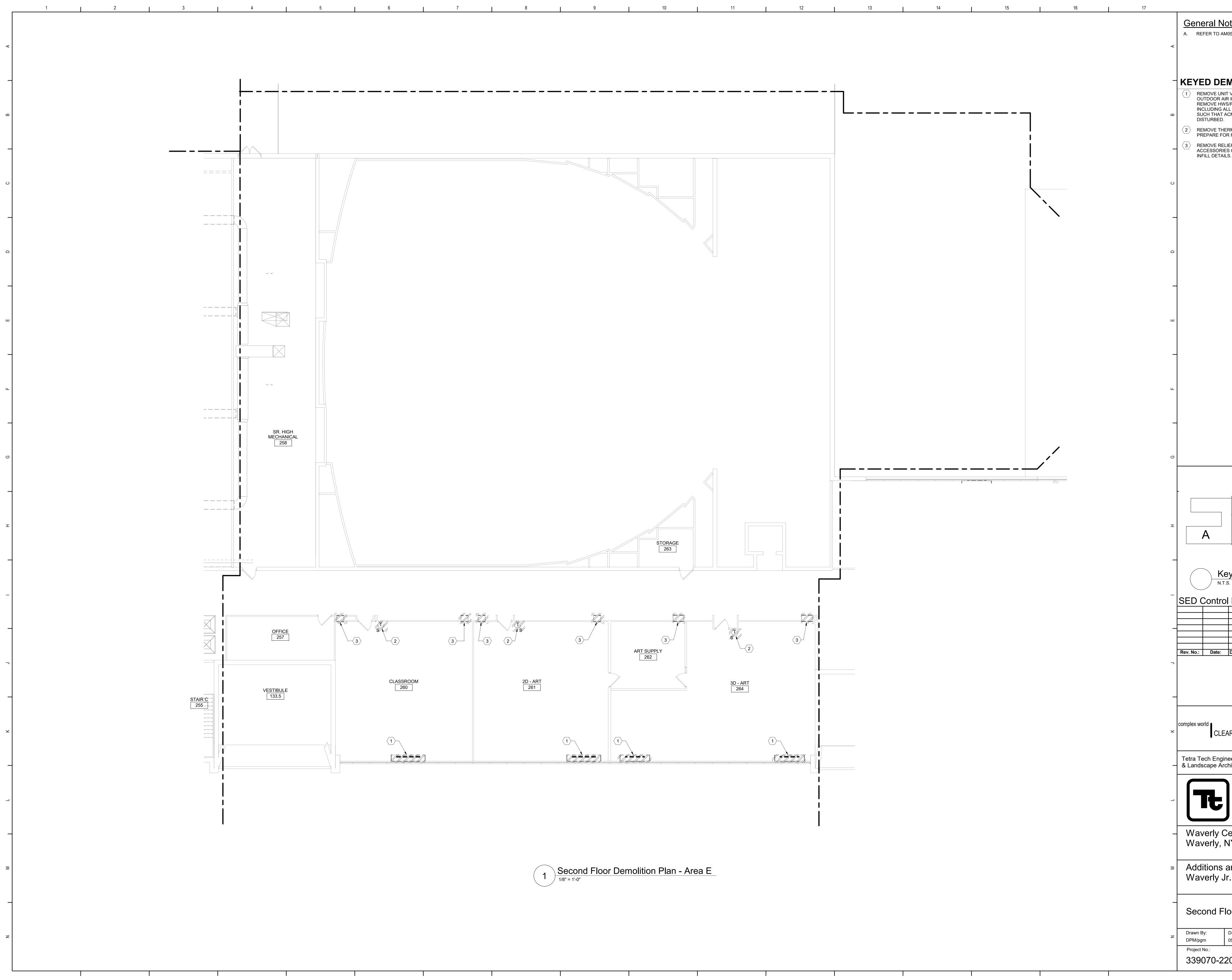




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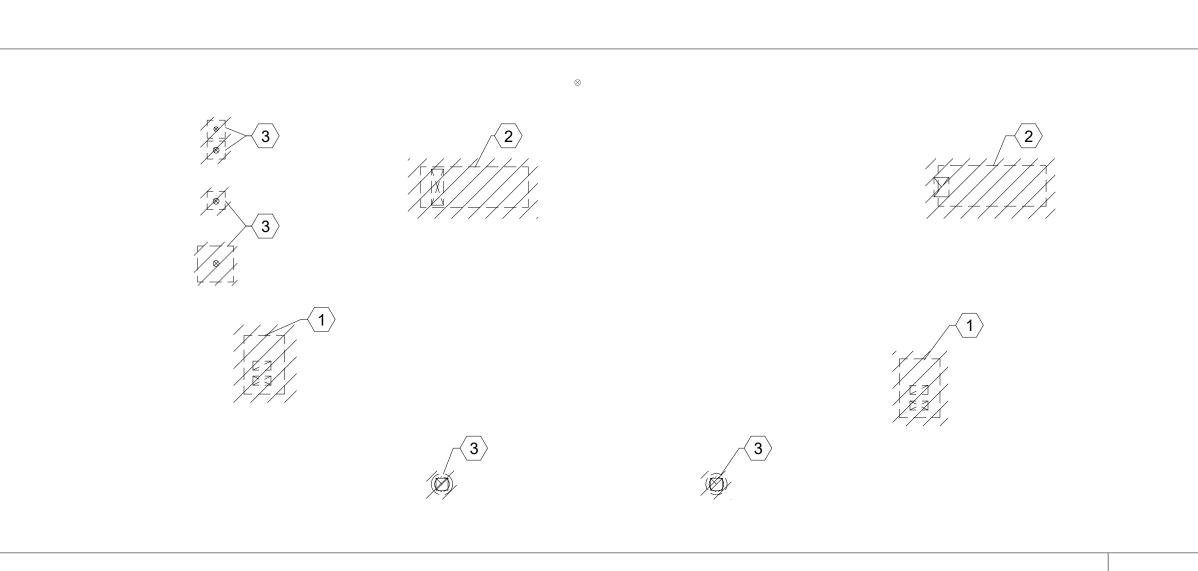


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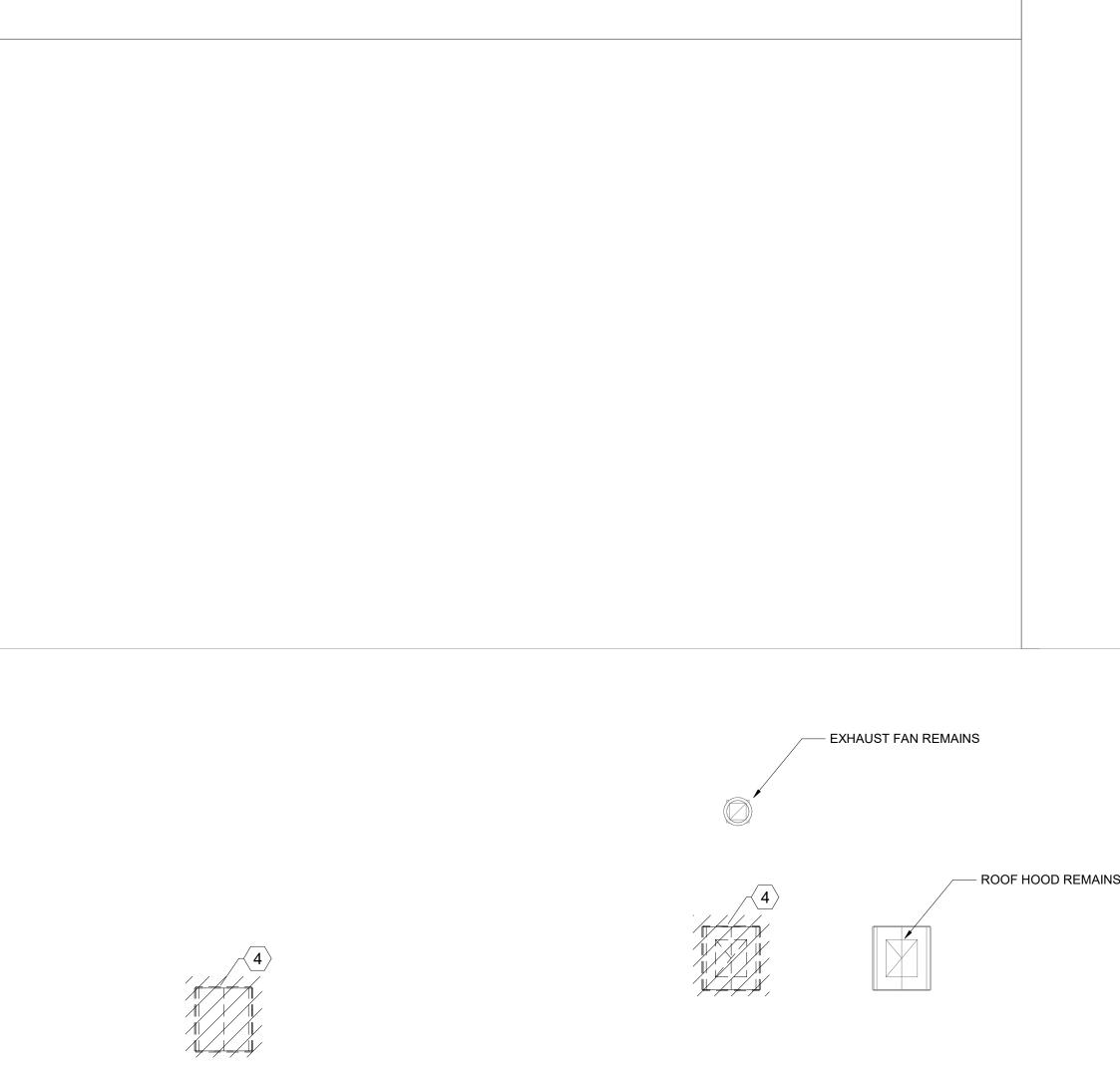


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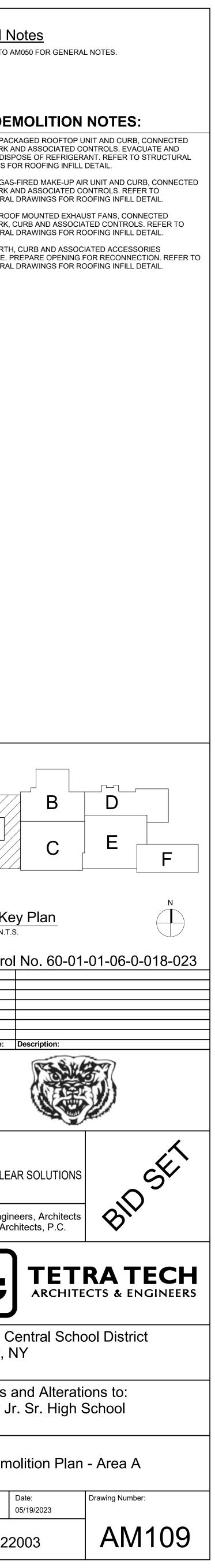
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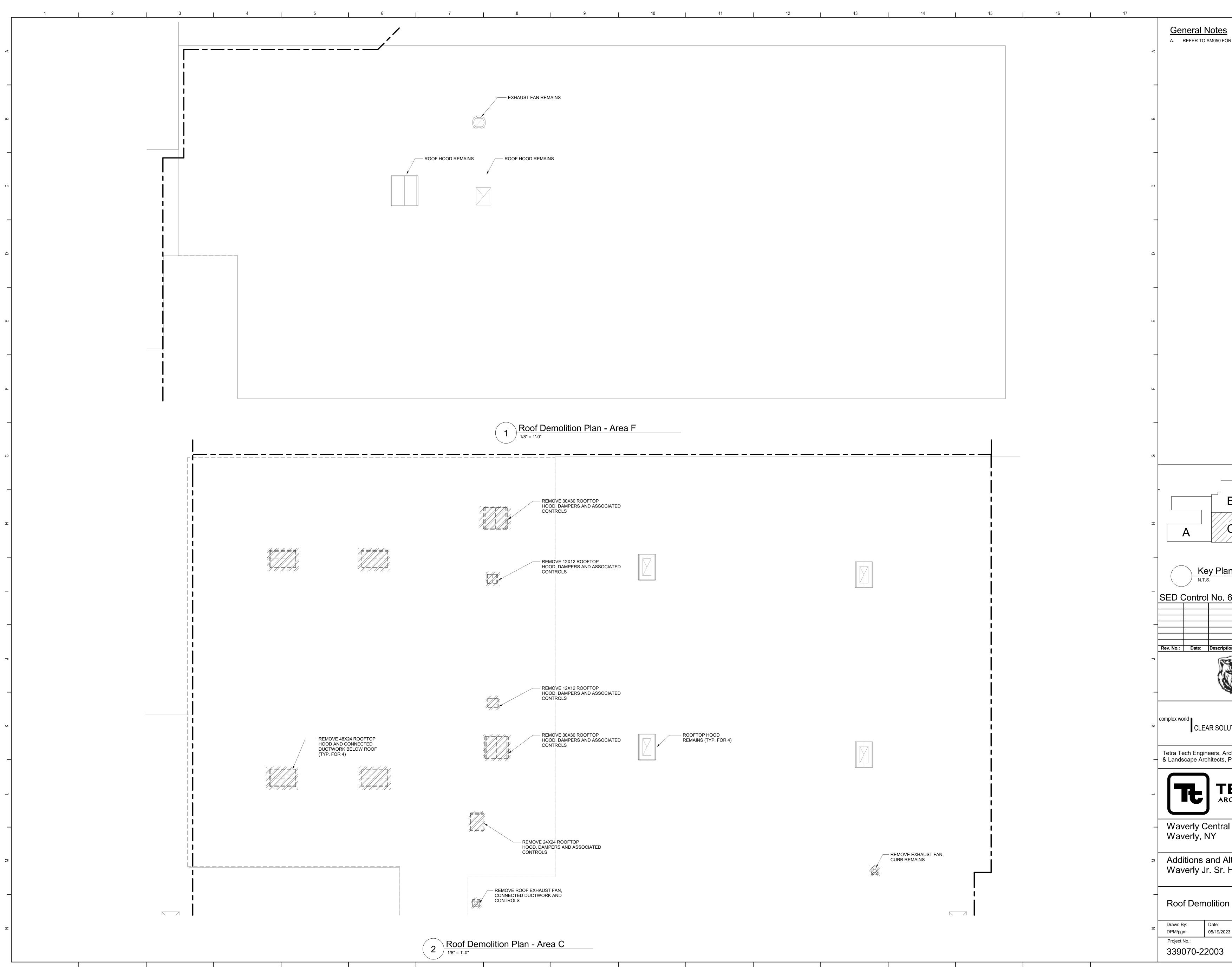


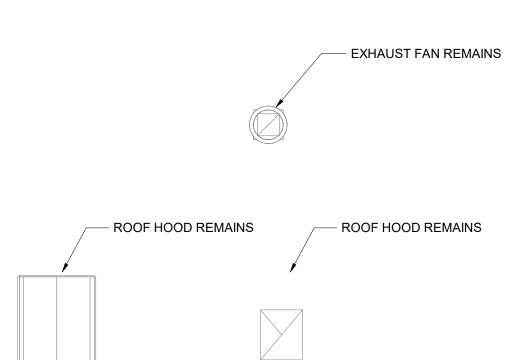


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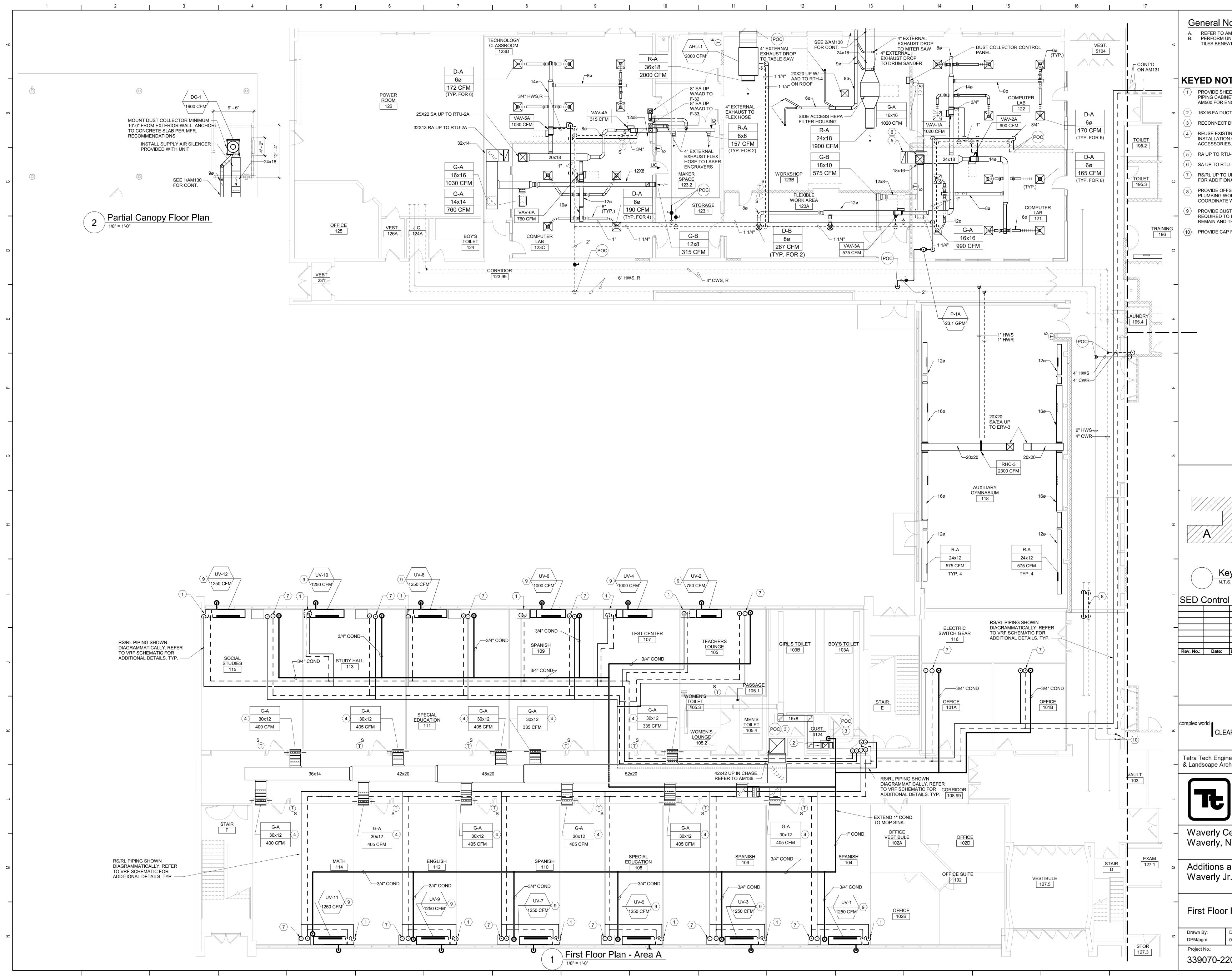




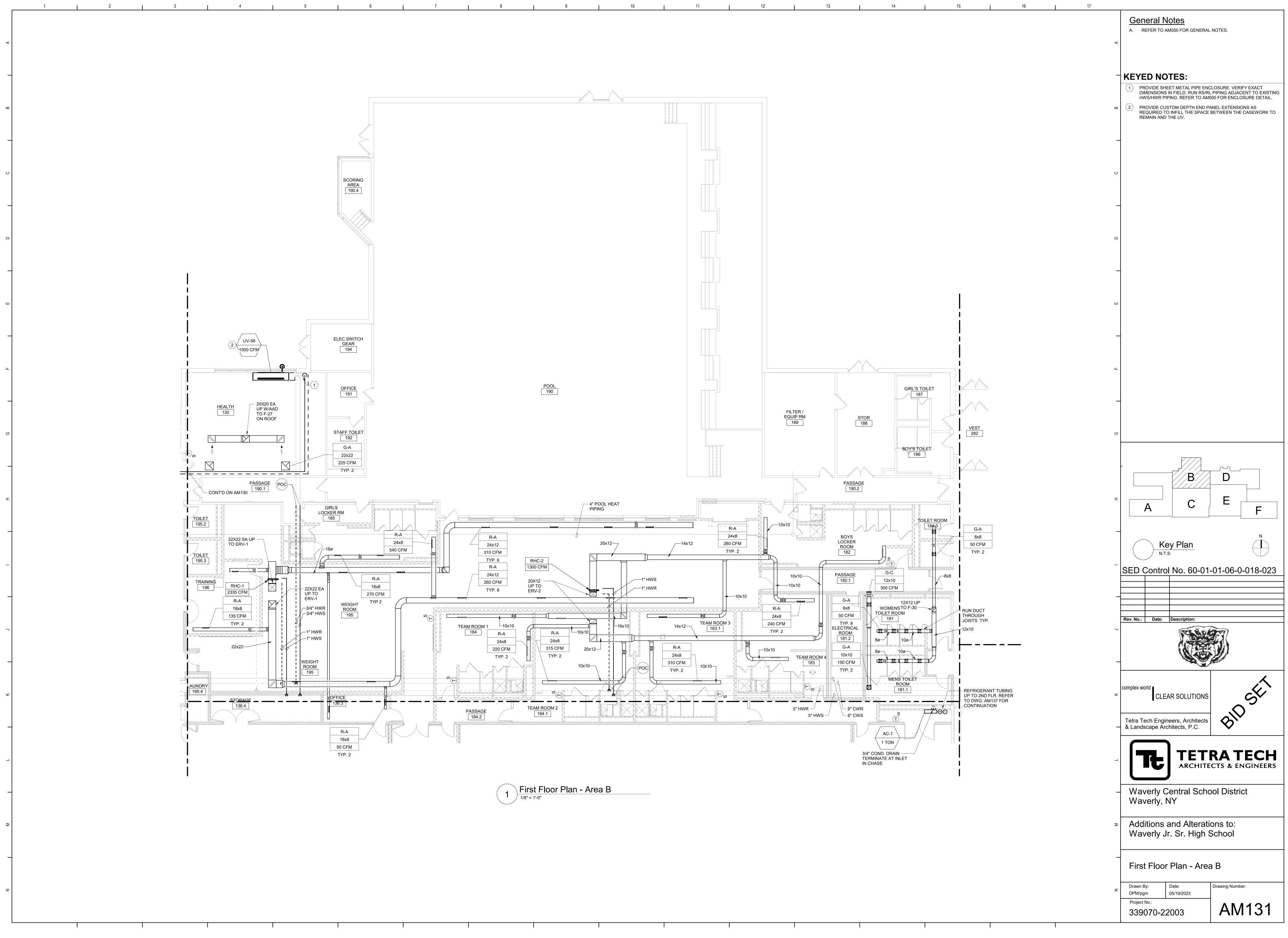


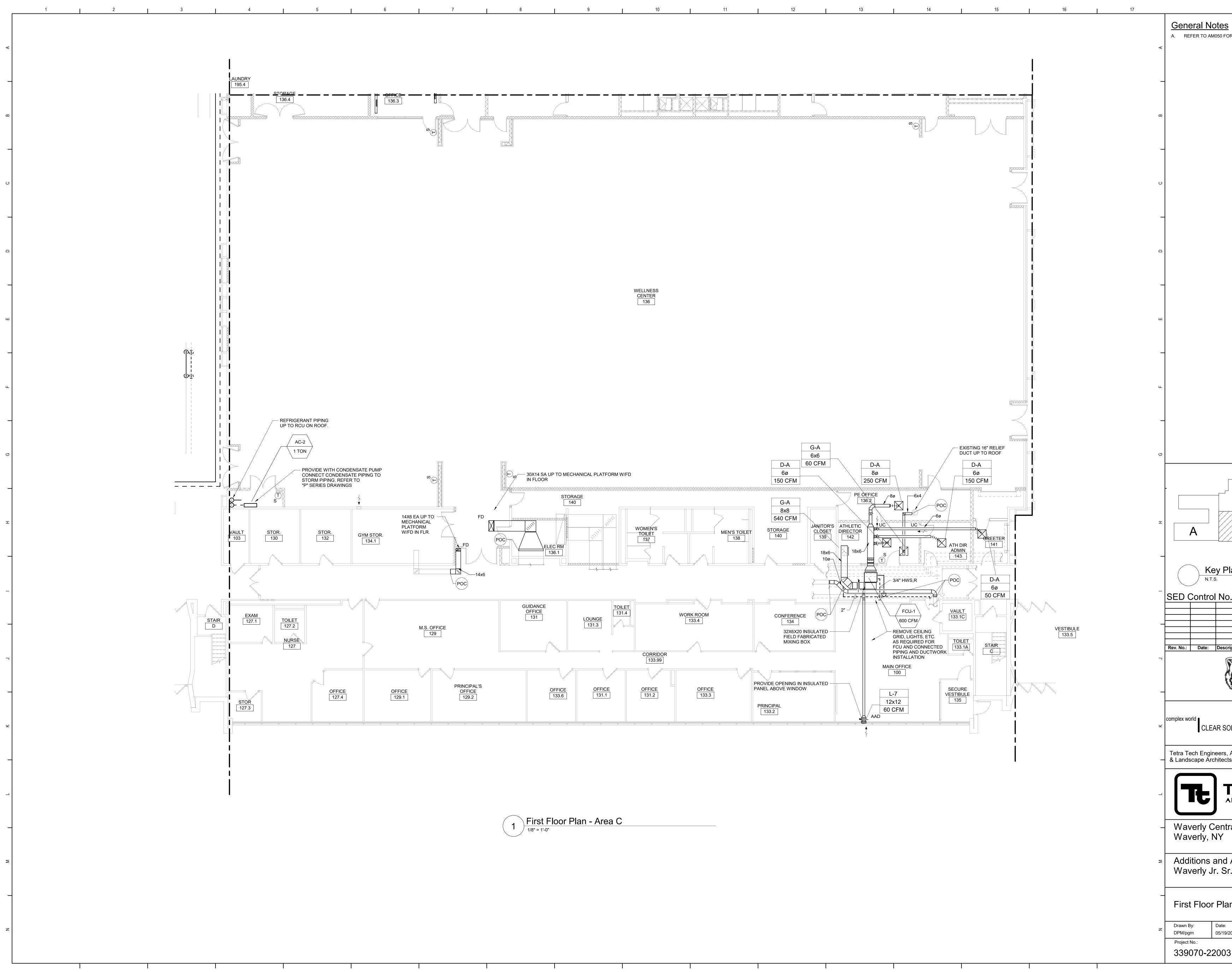
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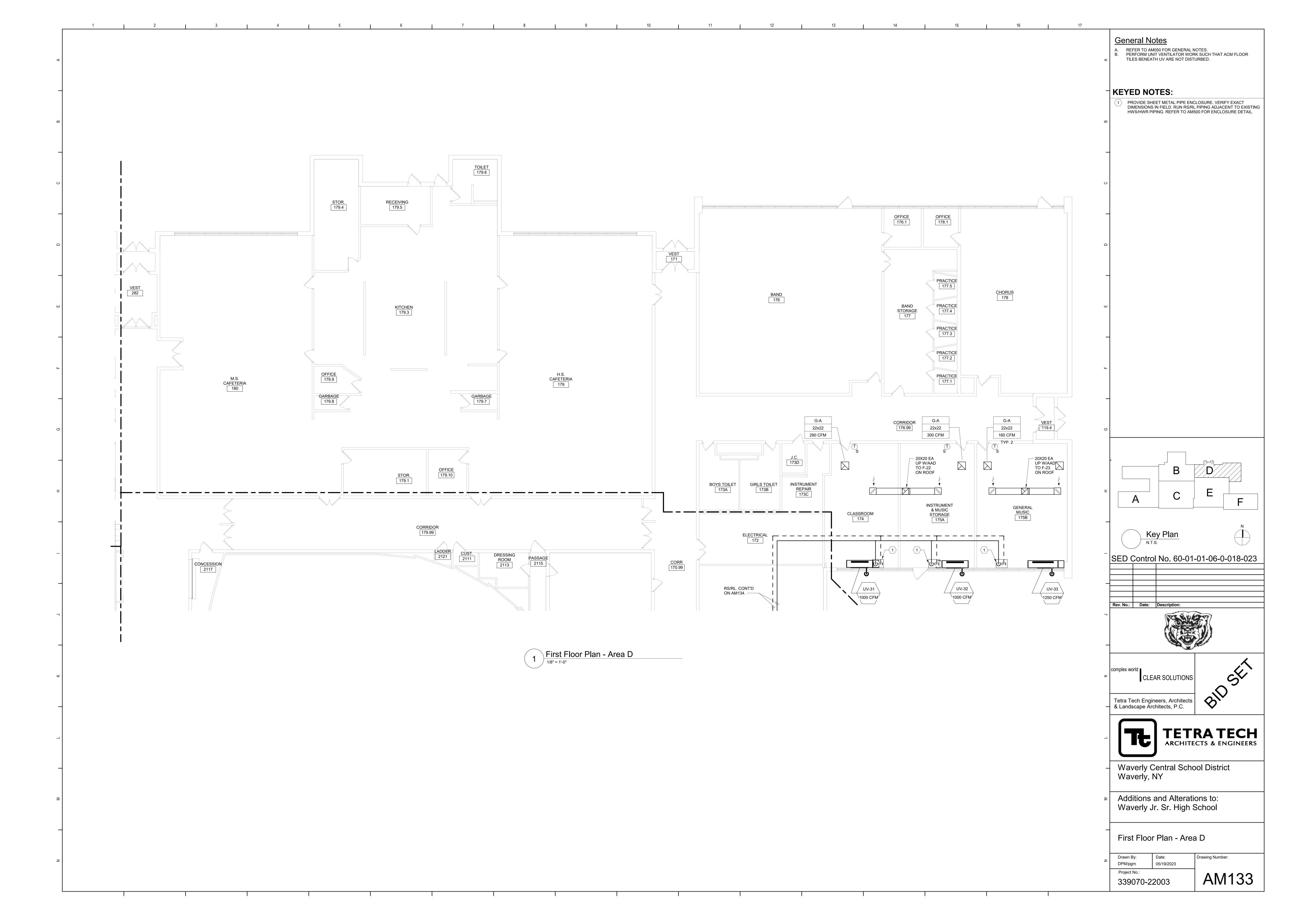


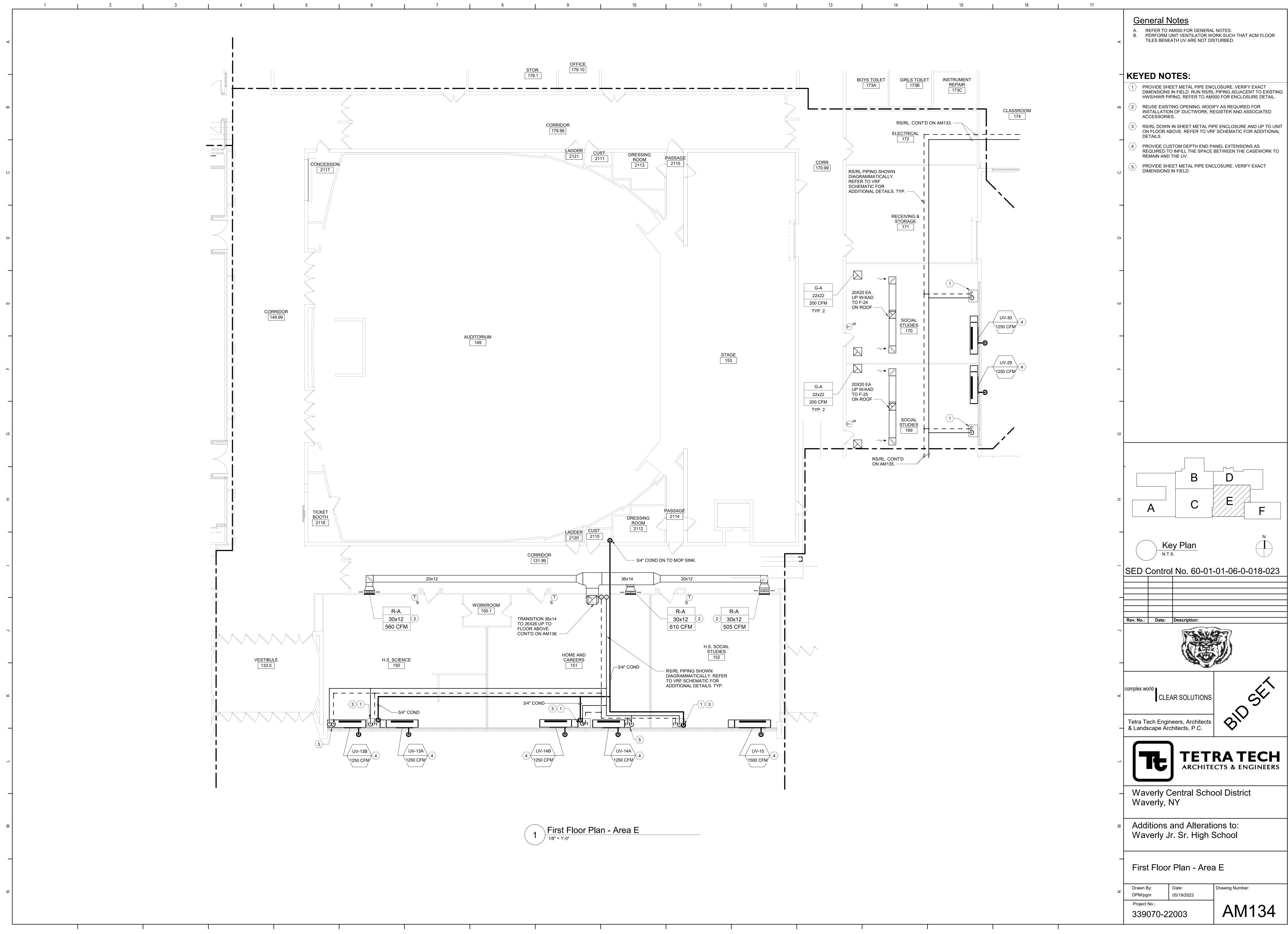
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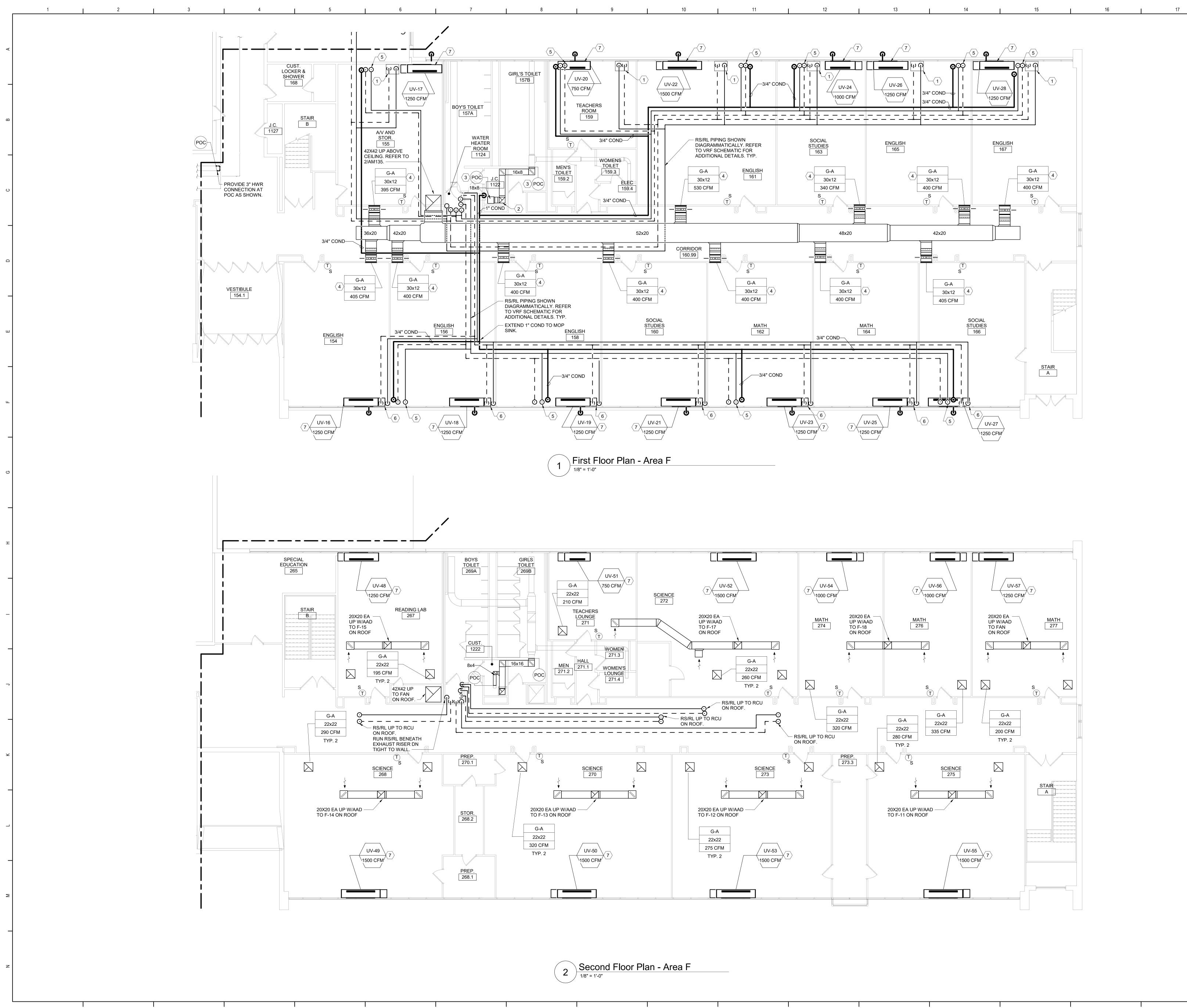




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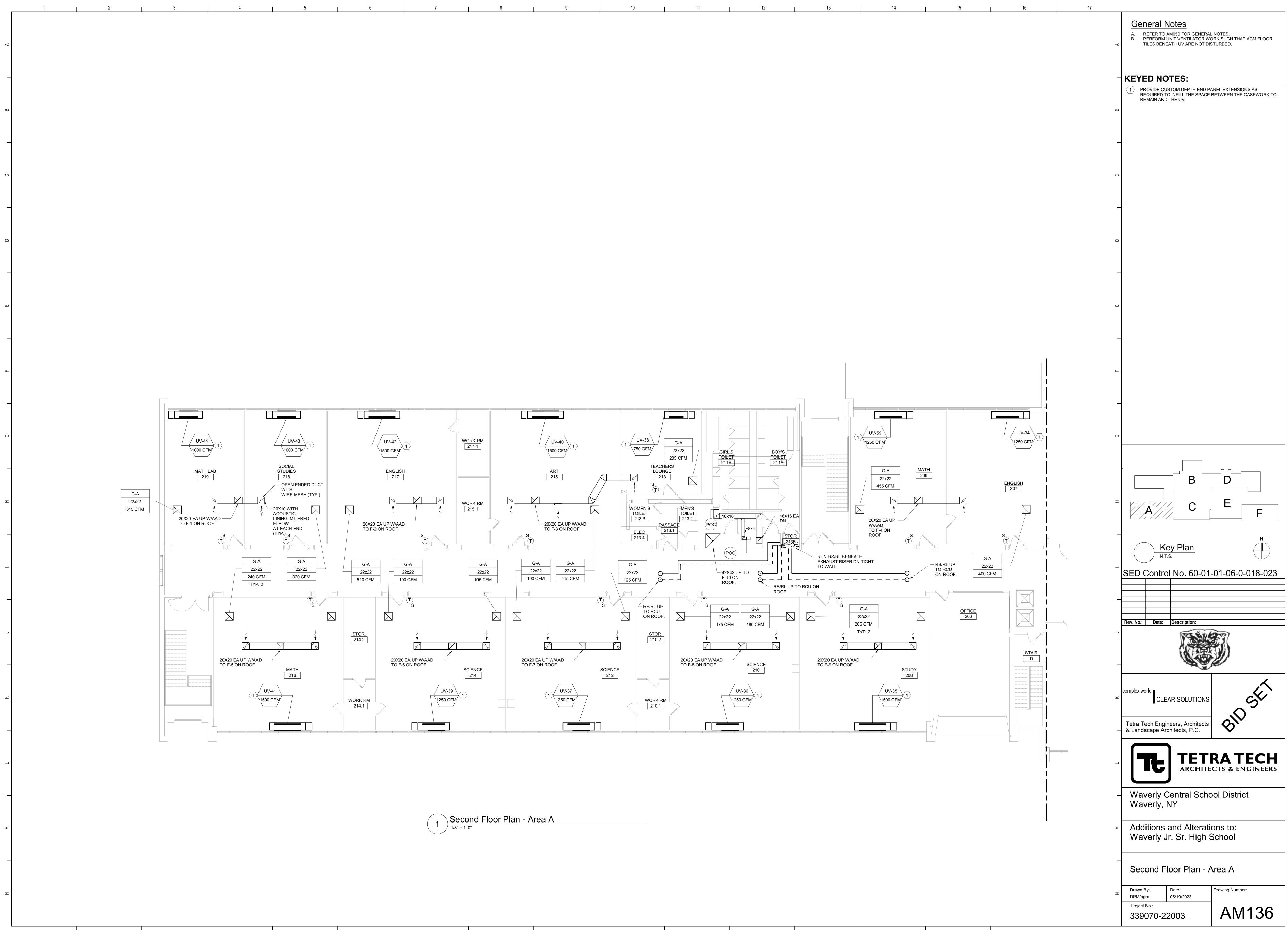


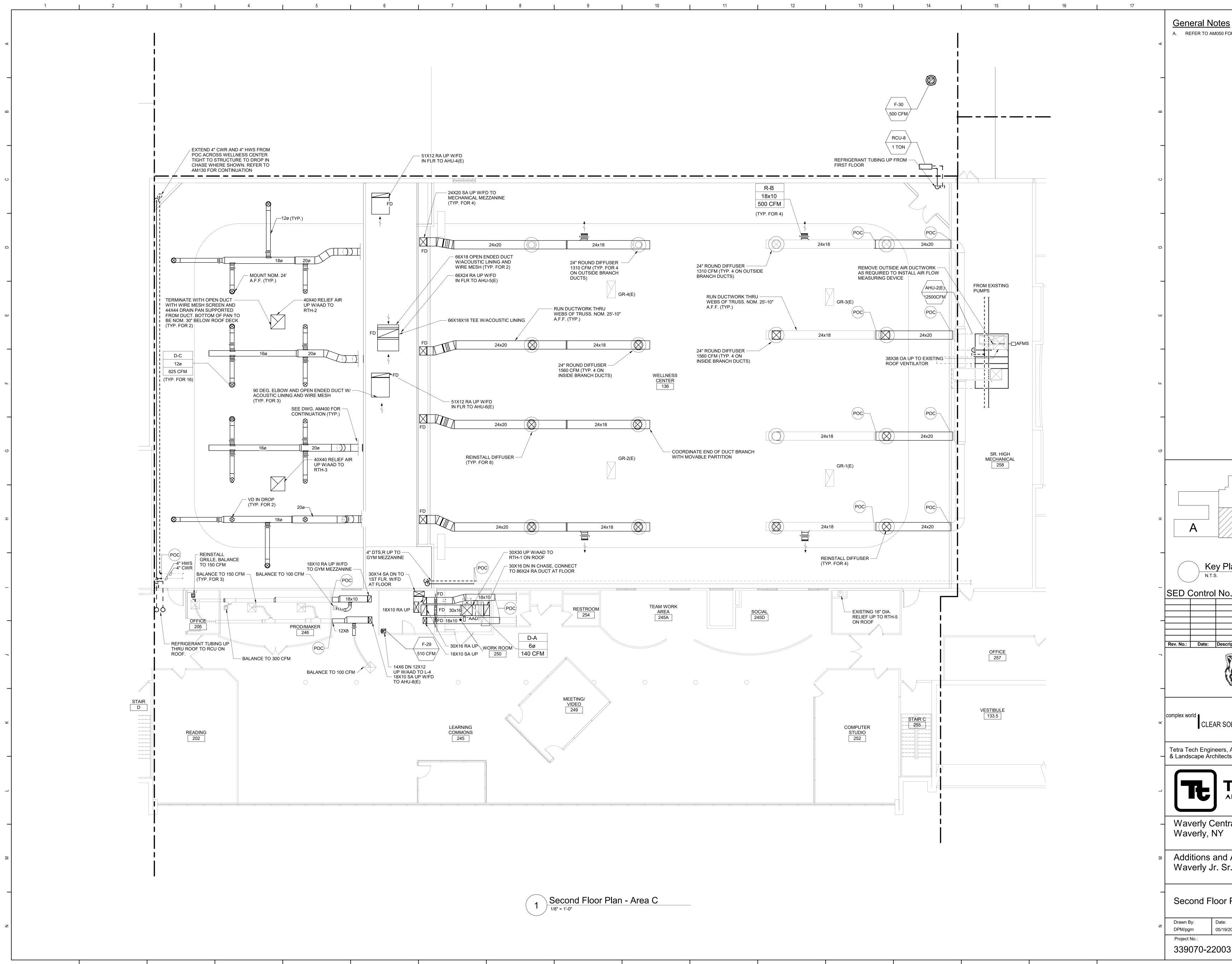




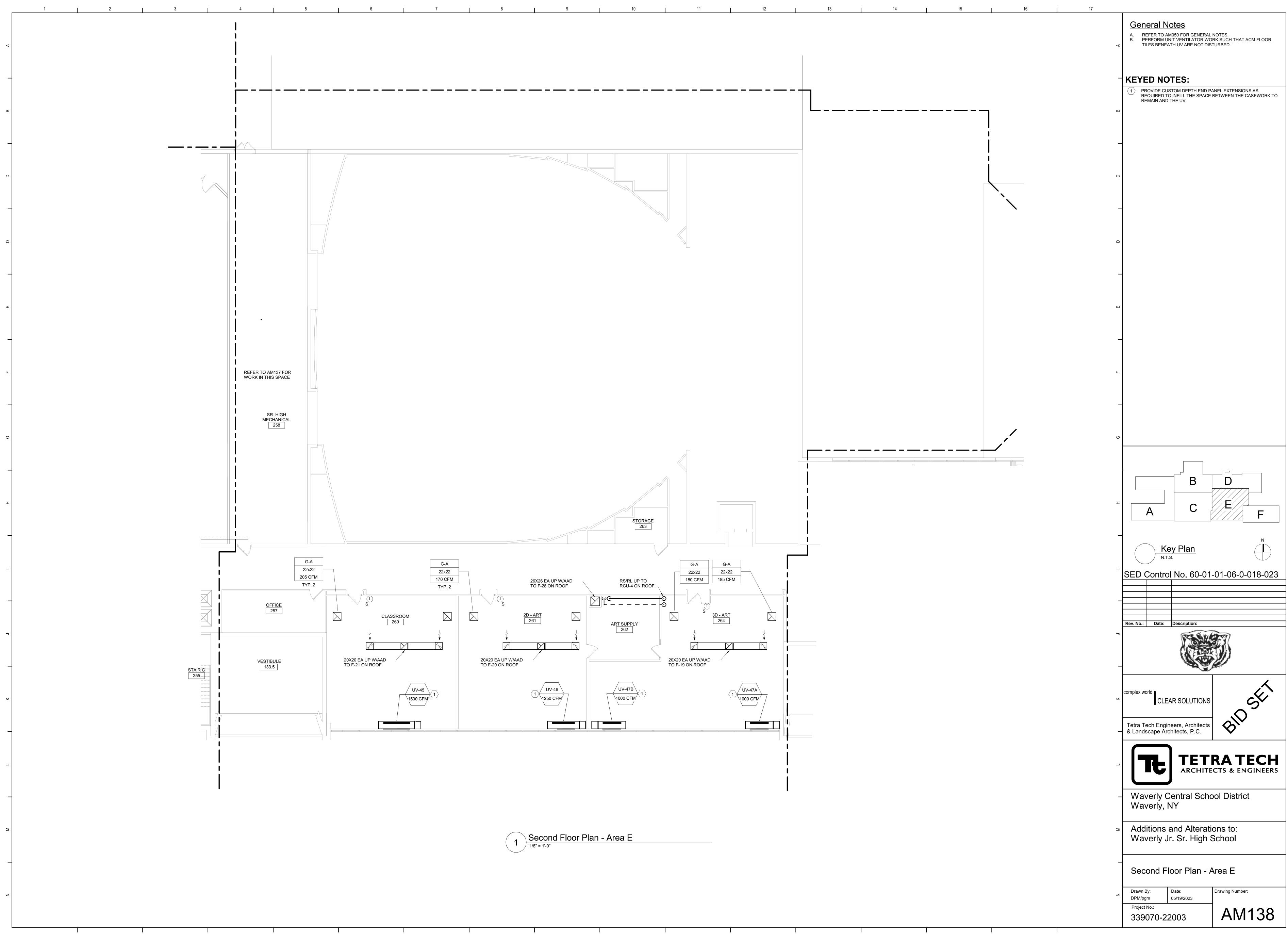
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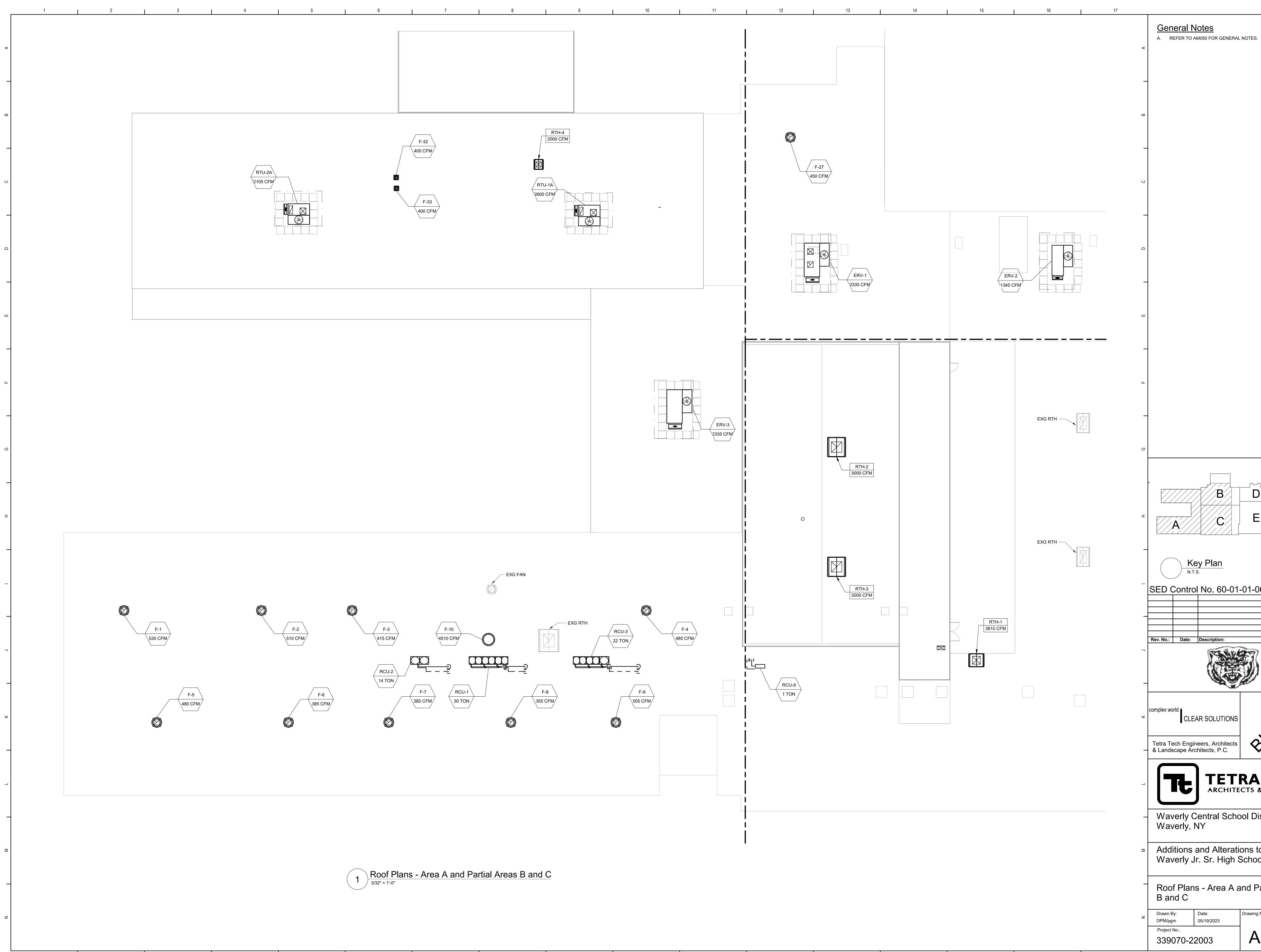
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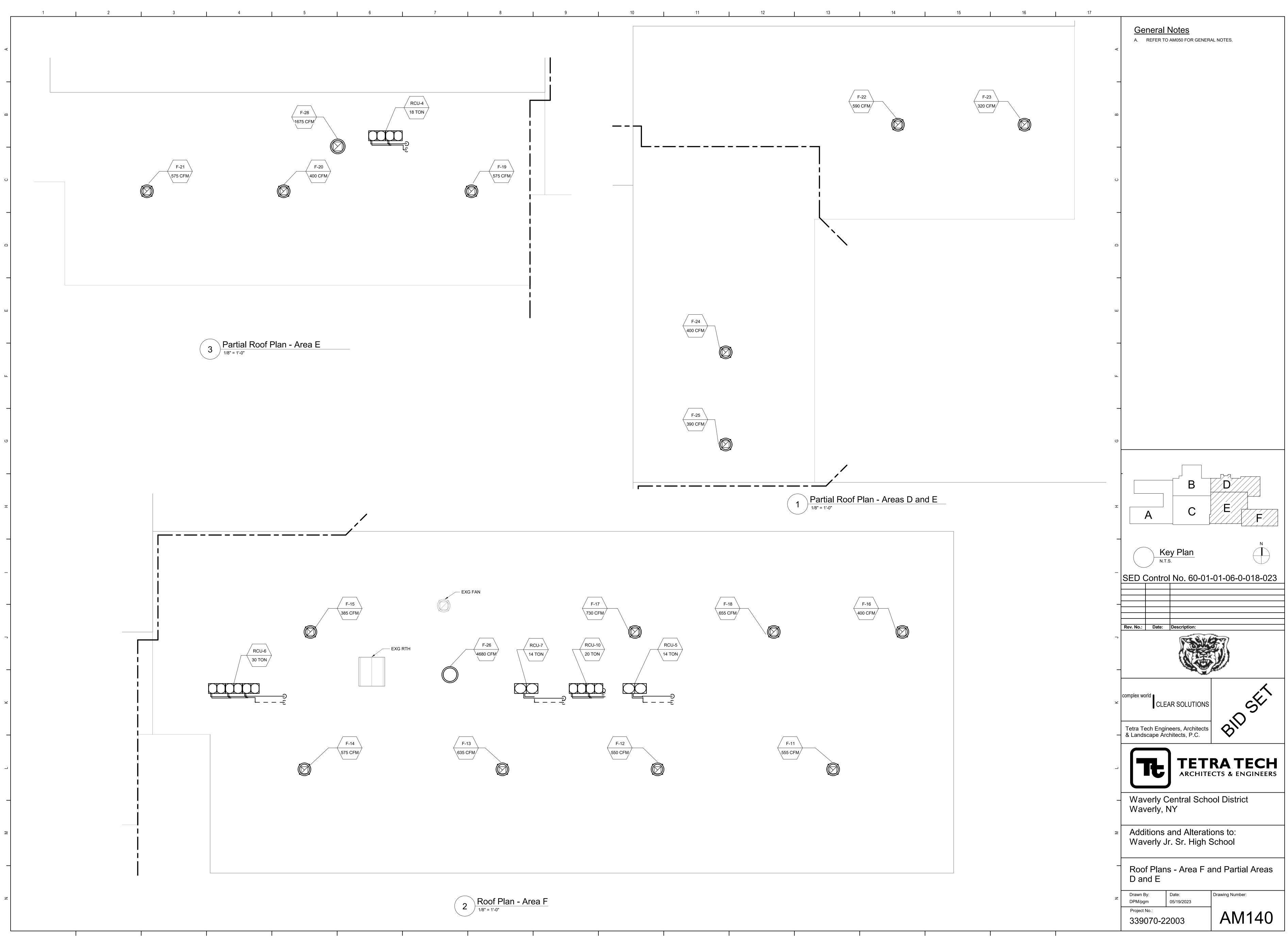


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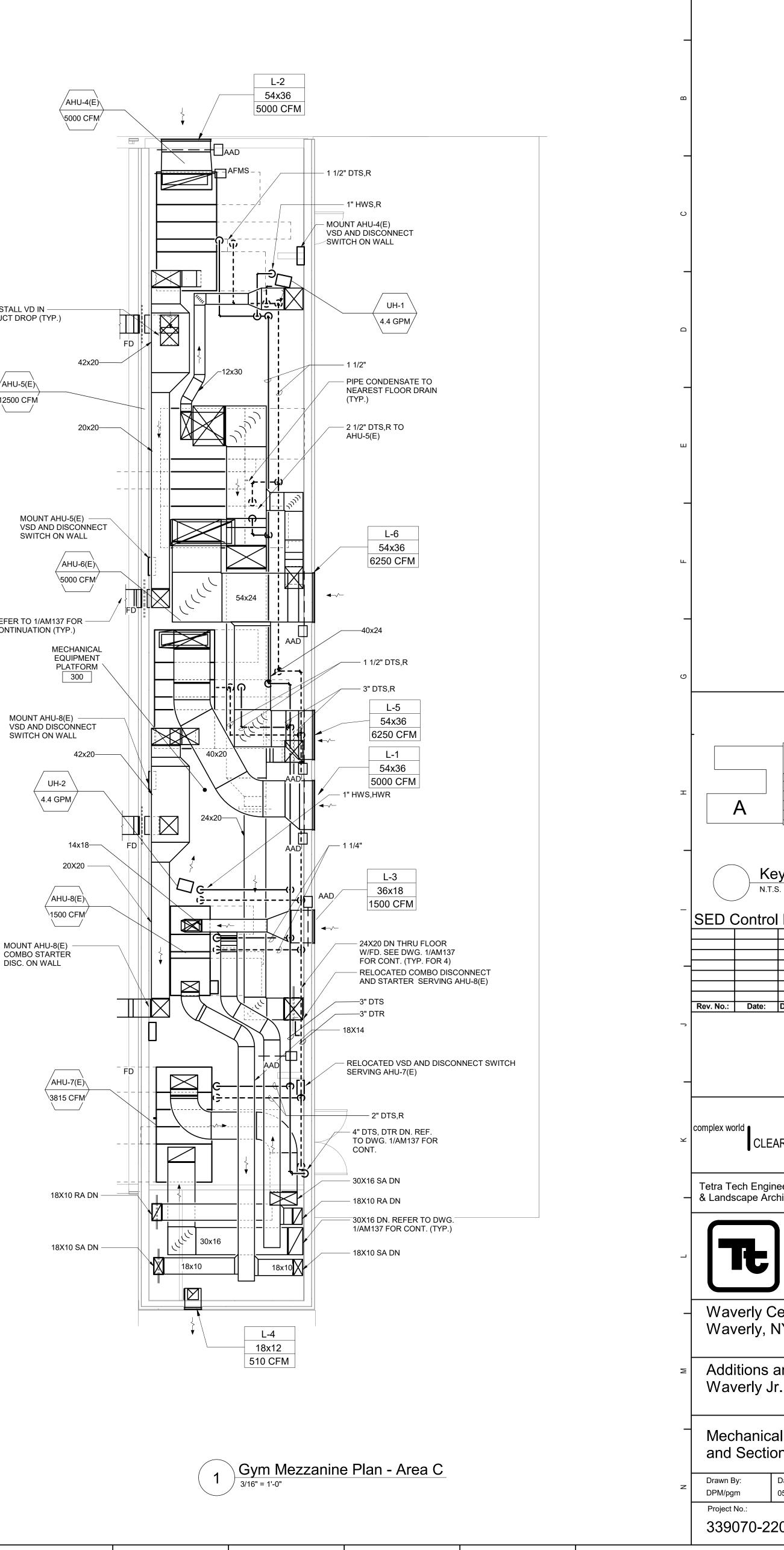
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MOUNT AHU-8(E) — COMBO STARTER DISC. ON WALL

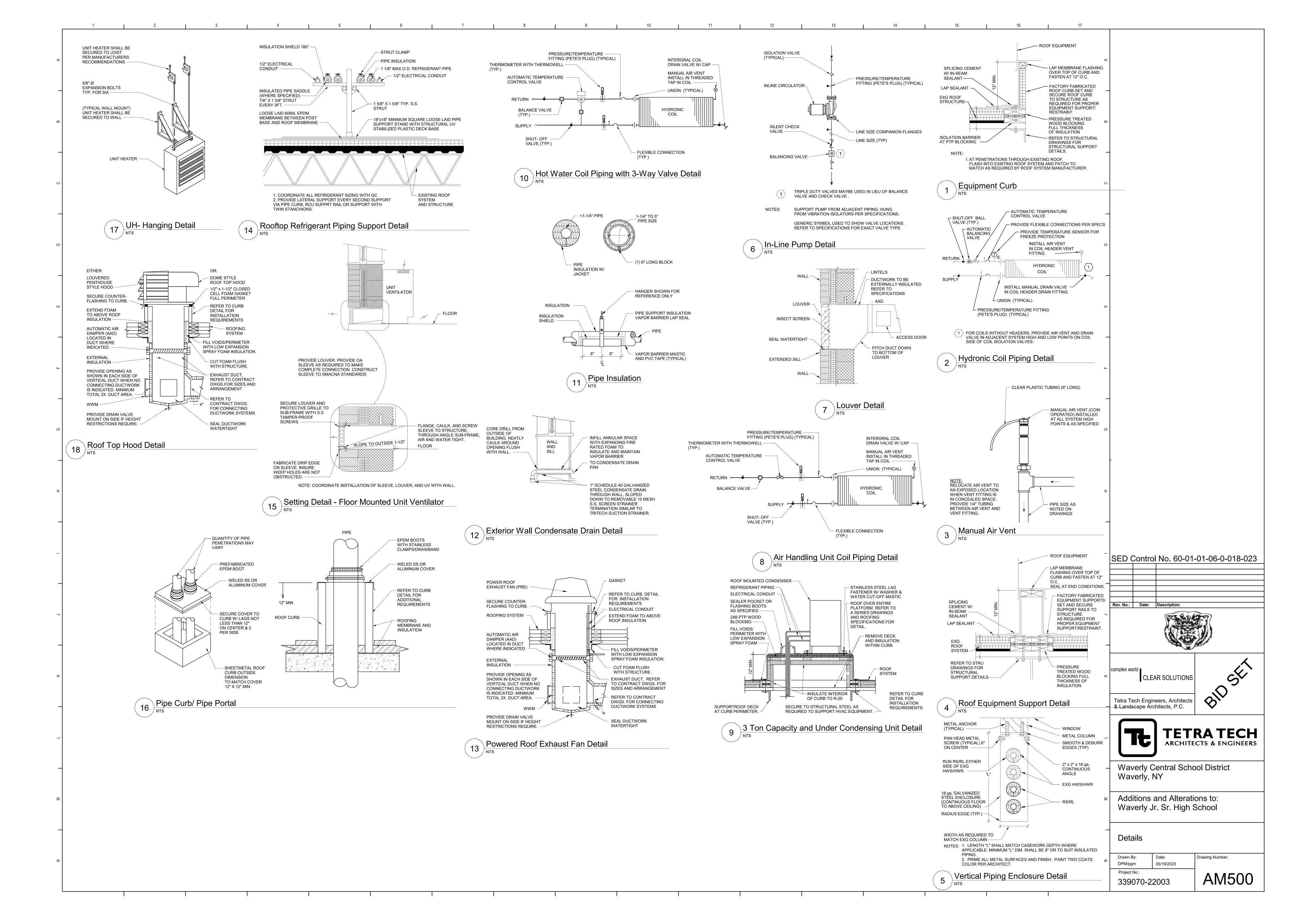
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General Notes A. REFER TO AM050 FOR GENERAL NOTES.





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EQUIP TAG	LOCATION
AHU-2(E)	SR. HIGH MECH
AHU-4(E)	MECH. EQUIP. PLA
AHU-5(E)	MECH. EQUIP. PLA
AHU-6(E)	MECH. EQUIP. PLA
AHU-7(E)	MECH. EQUIP. PLA
AHU-8(E)	MECH. EQUIP. PLA
	NCE BMS TRENDIN NEW DISCONNEC

		SPLIT	SYSTEM AC	UNIT (AC) SCHE
EQUIP					COOLING DAT
NO.	LOCATION	MODEL	ARRANGEMENT	CFM (HIGH)	TOTAL CAPACITY
AC-1	AV CLO. 136.5	TPKA0A0121LA00A	WALL	385	12.0
AC-2	AV CLO. 135.6	TPKA0A0121LA00A	WALL	385	12.0
2. PROVI	IN BASIS: TRANE / MI IDE CONDENSATE PI RED FROM OUTDOC	JMP			

QUIP. TAG							CTRICAL			
	MANUFACTURER	MODEL	COOLING (BTUH)	EER	VOLTAGE	PHASE	MCA	MOP	WEIGHT (LB.)	NOTES
RCU-1	TRANE/MITSUBISHI	TUHYE360	360000	12.15	480	3	18/18/18	25/25/25	2004	2
RCU-2	TRANE/MITSUBISHI	TUHYE168	168000	12.05	480	3	25	40	788	1
RCU-3	TRANE/MITSUBISHI	TUHYE264	264000	13.05	480	3	14/14/10	20/20/15	1859	2
RCU-4	TRANE/MITSUBISHI	TUHYE216	216000	11.45	480	3	32	50	904	1
RCU-5	TRANE/MITSUBISHI	TUHYE168	168000	12.05	480	3	25	40	788	1
RCU-6	TRANE/MITSUBISHI	TUHYE360	360000	12.15	480	3	18/18/18	25/25/25	2004	2
RCU-7	TRANE/MITSUBISHI	TUHYE168	168000	12.05	480	3	25	40	788	1
RCU-8	TRANE/MITSUBISHI	TPKA0A0121LA00A	12000	13.3	208	1	11	15	92	1
RCU-9	TRANE/MITSUBISHI	TPKA0A0121LA00A	12000	13.3	208	1	11	15	92	1
RCU-10	TRANE/MITSUBISHI	TUHYE240	240000	10.6	480	3	36	60	904	1

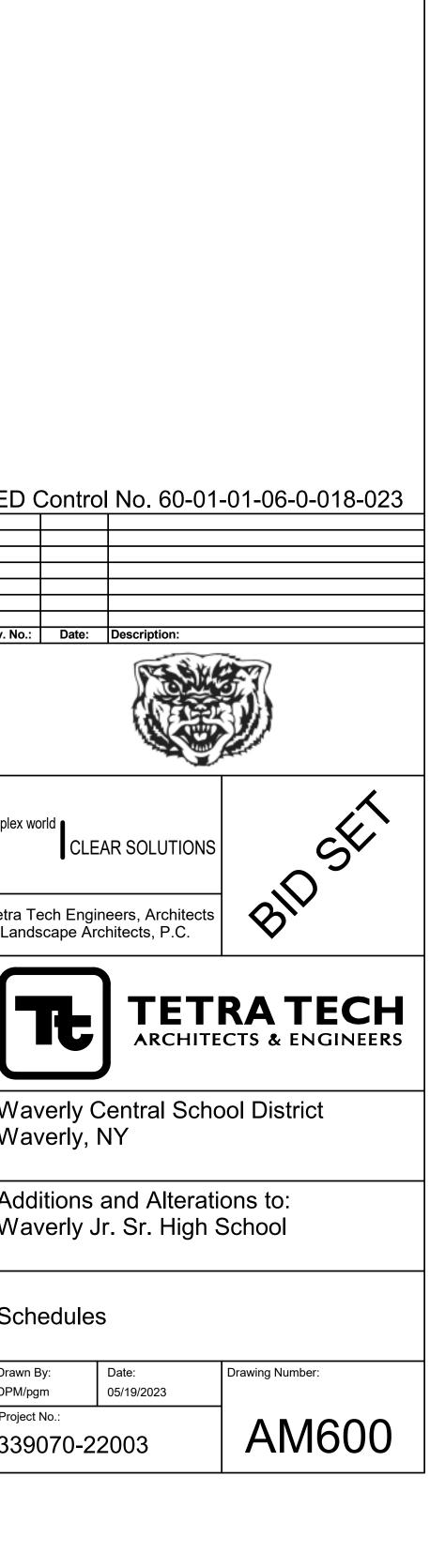
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		TURER WEIGHT (LBS)	MODEL	SERVES	PPLY AIR (CFM) (CFM)	WG.) TSP (II	N. WG.)	G SENSIBLE MBH)	COOL COOLING TOTA (MBH)	ING DATA L EDB / EWB (F)) LDB / LWB (F)	EER	MIN. GAS PRESS. (IN.)	EAT (°F)	HEATING D	GAS INF) (MBH) (M	DUTPUT IBH) VOLTS	-	MCA MOP	NOTES	A			
	A AAON	N 1149 DISCONNECT SWITCH.	RN007	121,122,123A 123.2,123C,D 3.	2600 1180 2105 1055 PROVIDE MANUFA		.5	69.7 56.9	86.5 67.1	78.9/64.8 79.3/64.6	55.4/53.1 55.3/53.4	12.5 11.9	<u>6.0</u> 6.0	35.0 32.8	55.0 55.0	90.0 90.0		3.0 460 3.0 460	3	22 30 26 30	1,2,3 1,2,3	_			
	FACTURER'S V	VARIABLE SPEED DRIVE	<u> </u>																						
_	MARK		MODEL		RATED AIRFLOW				F		TA						TOT. CAP.	SENS. CAP.			NOTES	B			
	MARK UV-1 UV-2 UV-3	LOCATION SPANISH 104 TEACHERS LOUNGE SPANISH 106	MODEI VUVE125 105 VUVE075 VUVE125	510 TRANE 510 TRANE	ER (CFM) 1250 750 1250	(CFM) 1162 650 1162	OA (CFM) 405 205 405	EAT (°F) 45 48.9 45	LAT (°F) 101.3 102 101.3	CAP. (MBH) 70.9 37.7 70.9	FLOW (GPM) 4.7 2.5 4.7	WPD (FT. HI 10.2 2.3 10.2	D.) EDB (°F) 77.2 76.4 77.2	EWB (°F) 64.6 63.9 64.6	LDB (°F) 57.1 54.5 57.1	LWB (°F) 54.8 52.8 54.8	(MBH) 34.1 21.1 34.1	(MBH) 25.6 15.6 25.6	MCA 5.3 2.6 5.3	VOLTAGE/PH 208/1 208/1 208/1	NOTES 1-5 1-5 1-5				
	UV-4 UV-5 UV-6	TEST CENTER 107 SPECIAL EDUCATION SPANISH 109 SPANISH 110	VUVE100 108 VUVE125 VUVE100 VUVE125	510 TRANE 010 TRANE	1000 1250 1000 1250	978 1162 978 1162	335 405 335	44.3 45 44.3	95.9 101.3 95.9	54.8 70.9 54.8	3.7 4.7 3.7 4.7	5.5 10.2 5.5	77.4 77.2 77.4 77.2	64.7 64.6 64.7	57.3 57.1 57.3	54.9 54.8 54.9 54.8	28.6 34.1 28.6	21.6 25.6 21.6	2.6 5.3 2.6	208/1 208/1 208/1 208/1	1-5 1-5 1-5				
	UV-7 UV-8 UV-9 UV-10	SPECIAL EDUCATION ENGLISH 112 STUDY HALL 113	111 VUVE125 VUVE125 VUVE125	510 TRANE 510 TRANE 510 TRANE	1250 1250 1250	1162 1162 1162	405 405 405 405	45 45 45 45	101.3 101.3 101.3 101.3	70.9 70.9 70.9 70.9 70.9	4.7 4.7 4.7 4.7	10.2 10.2 10.2 10.2	77.2 77.2 77.2 77.2 77.2	64.6 64.6 64.6 64.6	57.07 57.1 57.1 57.1	54.8 54.8 54.8 54.8	34.1 34.1 34.1 34.1	25.6 25.6 25.6 25.6	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5	ပ			
_	UV-11 UV-12 UV-13A UV-13B	MATH 114 SOCIAL STUDIES 11 H.S. SCIENCE 150 H.S. SCIENCE 150		510 TRANE 010 TRANE	1250 1250 1500 1500	1162 1162 1406 1406	400 400 560 560	45.2 45.2 41.5 41.5	101.4 101.4 103.9 103.9	70.8 70.8 95.2 95.2	4.7 4.7 6.4 6.4	10.2 10.2 19.2 19.2	77.2 77.2 78 78 78	64.6 64.6 65.3 65.3	57.1 57.1 58 58	54.8 54.8 55.4 55.4	34.1 34.1 42.2 42.2	25.6 25.6 30.8 30.8	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5				
_	UV-14A UV-14B UV-15 UV-16	HOME AND CAREERS HOME AND CAREERS H.S. SOCIAL STUDIES ENGLISH 154	151 VUVE150	D10 TRANE D10 TRANE	1500 1500 1500 1250	1406 1406 1406 1162	610 610 505 405	39.1 39.1 44 45	102.6 102.6 105.3 101.3	96.9 96.9 93.5 70.9	6.5 6.5 6.2 4.7	19.8 19.8 18.7 10.2	78.6 78.6 77.5 77.2	65.8 65.8 64.8 64.6	58.4 58.4 57.7 57.1	55.7 55.7 55.1 54.8	43.5 43.5 41.1 34.1	31.1 31.1 30.5 25.6	5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208'/1	1-5 1-5 1-5 1-5				
	UV-17 UV-18 UV-19 UV-20	A/V AND STOR. 155 ENGLISH 156 ENGLISH 158 TEACHERS ROOM 15	VUVE125 VUVE125 VUVE125	510 TRANE 510 TRANE 510 TRANE	1250 1250 1250 1250 750	1162 1162 1162 1162 650	403 395 400 400 210	45 45.8 45.2 45.2 45.2 48.2	101.3 101.7 101.4 101.4 101.8	70.9 70.5 70.8 70.8 37.8	4.7 4.7 4.7 4.7 2.5	10.2 10.1 10.2 10.2 2.3	77.2 77.2 77.2 76.5	64.6 64.6 64.6 64.0	57.0 57.1 57.1 57.1 54.6	54.8 54.7 54.8 54.8 52.8	33.9 34.1 34.1 21.1	25.0 25.5 25.6 25.6 15.6	5.3 5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5	D			
	UV-21 UV-22 UV-23 UV-24	SOCIAL STUDIES 16 ENGLISH 161 MATH 162 SOCIAL STUDIES 16	0 VUVE125 VUVE150 VUVE125	510 TRANE 010 TRANE 510 TRANE	1250 1500 1250 1000	1162 1406 1162 978	400 530 400 340	45.2 42.9 45.2 44	101.4 104.7 101.4 95.7	70.8 94.3 70.8 54.9	4.7 6.3 4.7 3.7	10.2 18.9 10.2 5.5	77.2 77.7 77.2 77.5	64.6 65.0 64.6 64.8	57.1 57.8 57.1 57.3	54.8 55.2 54.8 55.0	34.1 41.6 34.1 28.8	25.6 30.6 25.6 21.6	5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5				
_	UV-25 UV-26 UV-27 UV-28	MATH 164 ENGLISH 165 SOCIAL STUDIES 16 ENGLISH 167	VUVE125 VUVE125 6 VUVE125 VUVE125	510 TRANE 510 TRANE	1250 1250 1250 1250 1250	1162 1162 1162 1162	400 400 405 400	45.2 45.2 45 45.2	101.4 101.4 101.3 101.4	70.8 70.8 70.9 70.8	4.7 4.7 4.7 4.7	10.2 10.2 10.2 10.2	77.2 77.2 77.2 77.2 77.2	64.6 64.6 64.6 64.6	57.1 57.1 57.1 57.1 57.1	54.8 54.8 54.8 54.8	34.1 34.1 34.1 34.1	25.6 25.6 25.6 25.6	5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5				
-	UV-29 UV-30 UV-31 UV-32	SOCIAL STUDIES 16 SOCIAL STUDIES 17 CLASSROOM 174 MUSIC STORAGE 175	9 VUVE125 0 VUVE125 VUVE100	510 TRANE 510 TRANE 510 TRANE 510 TRANE	1250 1250 1000 1000	1162 1162 978 978	395 400 290 300	45.5 45.2 47.5 46.8	101.6 101.4 97.9 97.4	70.7 70.8 53.5 53.8	4.7 4.7 3.6 3.6	10.1 10.2 5.3 5.3	77.1 77.2 76.7 76.8	64.5 64.6 64.1 64.2	57.0 57.1 56.8 56.9	54.7 54.8 54.6 54.7	33.9 34.1 27.6 27.8	25.5 25.6 21.3 21.3	5.3 5.3 2.6 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5	ш			
	UV-33 UV-34 UV-35	GENERAL MUSIC 175 ENGLISH 209 STUDY 208	5B VUVE125 HUVE150 VUVE150	510 TRANE 010 TRANE 010 TRANE	1250 1500 1500	1162 1406 1406	320 400 505	49.8 45.0 44	104.1 105.8 105.3	68.4 92.8 93.5	4.6 6.2 6.3	9.6 18.4 18.7	76.1 77.2 77.5	63.7 64.6 64.8	56.5 57.6 57.7	54.3 55.0 55.1	32.3 40.6 41.1	24.9 30.2 30.5	5.3 5.3 5.3	208/1 208/1 208/1	1-5 1-5 1-5				
	UV-36 UV-37 UV-38 UV-39	SCIENCE 210 SCIENCE 212 TEACHERS LOUNGE 2 SCIENCE 214	VUVE125 VUVE125 213 VUVE075 VUVE125	510 TRANE 510 TRANE	1250 1250 750 1250	1162 1162 650 1162	355 385 205 385	47.8 46 50.3 46	102.9 101.9 103.0 101.9	69.4 70.4 37.2 70.4	4.6 4.7 2.5 4.7	9.8 10.1 2.2 10.1	76.6 77.0 76.0 77.0	64.1 64.4 63.6 64.4	56.7 57.0 54.3 57.0	54.5 54.7 52.6 54.7	33.0 33.7 20.7 33.7	25.3 25.5 15.5 25.5	5.3 5.3 2.6 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5				
	UV-40 UV-41 UV-42 UV-43	ART 215 MATH 216 ENGLISH 217 SOCIAL STUDIES 21	VUVE150 VUVE150 VUVE150 8 VUVE100	D10 TRANE D10 TRANE	1500 1500 1500 1000	1406 1406 1406 978	415 480 510 320	48.4 45.2 43.8 45.6	107.7 105.9 105.2 96.7	90.5 92.7 93.6 54.2	6.0 6.2 6.2 3.6	17.7 18.4 18.7 5.4	76.5 77.2 77.5 77.1	63.9 64.6 64.8 64.5	57.1 57.6 57.7 57.1	54.5 55.0 55.0 54.8	39.0 40.6 41.1 28.3	29.8 30.2 30.5 21.4	5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5	ш			
	UV-44 UV-45 UV-46	MATH LAB 219 CLASSROOM 260 2D - ART 261	VUVE100 VUVE150 VUVE125	D10 TRANE D10 TRANE 510 TRANE	1000 1500 1250	978 1406 1162	315 510 340	45.6 43.8 48.5	96.7 105.2 103.3	54.2 93.6 69.1	3.6 6.2 4.6	5.4 18.7 9.7	77.1 77.5 76.4	64.5 64.8 63.9	57.1 57.7 56.7	54.8 55.1 54.4	28.3 41.1 32.7	21.4 30.5 25.1	2.6 5.3 5.3	208/1 208/1 208/1	1-5 1-5 1-5				
	UV-47A UV-47B UV-48 UV-49	3D - ART 264 3D - ART 264 READING LAB 267 SCIENCE 268	VUVE150 VUVE150 VUVE125 VUVE125	D10 TRANE 510 TRANE	1500 1500 1250 1500	1406 1406 1162 1406	365 365 385 575	50.7 50.7 46 40.6	109.0 109.0 101.9 103.4	88.9 88.9 70.4 95.8	5.9 5.9 4.7 6.4	17.1 17.1 10.1 19.4	75.9 75.9 77.0 78.2	63.5 63.5 64.4 65.5	56.8 56.8 57.0 58.2	54.3 54.3 54.7 55.5	38.0 38.0 33.7 42.7	29.3 29.3 25.5 30.9	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5				
_	UV-50 UV-51 UV-52 UV-53	SCIENCE 270 TEACHERS LOUNGE 2 SCIENCE 272 SCIENCE 273	VUVE150 271 VUVE075 VUVE150 VUVE150	510 TRANE 010 TRANE	1500 750 1500 1500	1406 650 1406 1406	635 210 520 550	37.9 48.2 43.4 41.9	101.9 101.8 105.0 104.1	97.7 37.8 93.9 94.9	6.5 2.5 6.3 6.3	20.1 2.3 18.8 19.2	78.9 76.5 77.6 78.0	66.0 64.0 64.9 65.2	58.5 54.6 57.8 57.9	55.8 52.8 55.1 55.3	44.0 21.2 41.3 42.0	31.4 15.6 30.5 30.9	5.3 2.6 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5	U			
	UV-54 UV-55 UV-56 UV-57	MATH 274 SCIENCE 275 MATH 276 MATH 277	VUVE100 VUVE150 VUVE100 VUVE125	D10 TRANE D10 TRANE	1000 1500 1000 1250	978 1406 978 1162	320 555 335 400	45.2 41.7 44.3 45.2	96.4 104.0 95.9 101.4	54,4 95.1 54.8 70.8	3.6 6.3 3.7 4.7	5.4 19.2 5.5 10.2	77.2 78.0 77.4 77.2	64.6 65.3 64.7 64.6	57.2 58.0 57.3 57.1	54.9 55.4 54.9 54.8	28.4 42.2 28.6 34.1	21.5 30.8 21.6 25.6	2.6 5.3 2.6 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5	-	-		
	UV-58 UV-59 NOTES:	HEALTH 120 COMPUTER 207	VUVE150 HUVE150	D10 TRANE	1500 1500	1406 1406	450 455	49.0 45.0	95.0 105.8	74.5 92.8	4.9 6.2	10 18.4	77.5 77.2	64.8 64.6	57.7 57.6	55.1 55.0	40.6 40.6	30.2 30.2	5.3 5.3	208/1 208/1	1-5 1-5	-			
	 PROVIE HEATIN COLOR 	DE UNIT MANUFACTURI DE MERV13 FILTER NG DATA BASED ON 180 R SELECTION BY ARCHI DE UNIT MANUFACTURI	DEG. F. E.W.T., TECT.	150 DEG. F. L.W.T., 2																		-			
L									G UNIT (/	AHU-XE)	SCHEDL	JLE										-			
		CTURER WEIGHT (LBS)	MODEL	SERVES	. ,	OA (CFM) OA (CFM)	WG.) 1	(IN. WG.)			TG. GPM	G. CAP. (MBH)	DB/WB [.G. LAT B/WB CL	LG. GPM	CLG. SENS. (MBH)	CLG. TOT. (MBH)	VOLTS PHA		P MOP	NOTES				
CH. RM. LATFOF LATFOF LATFOF	RM TRAN RM TRAN RM TRAN	NE 1864 NE 3807 NE 1864	CSAA030 CSAA012 CSAA030 CSAA012	WELLNESS CTR. WELLNESS CTR. WELLNESS CTR. WELLNESS CTR.	6000 12500 6000	1411 7055 731 3655 1411 7055 731 3655	3.0 2.5 3.0 2.5	4.8 3.8 4.8 3.8	60.9 60.3 60.9 60.3	144.6 121.5 144.6 121.5	19.8 57 19.8	396.8 1351.0 396.8	77.3 / 63.7 60 79.5 / 65.3 56 77.3 / 63.7 60	6 / 58.2 6 / 55.7 6 / 58.2	72.0 16.8 72.0 16.8	314.4 81.5 314.4 81.5	368.2 84.1 368.2 84.1	460 3 460 3 460 3 460 3 460 3	15 5 15 5	45 15 45 15	2 2 2 2 2		SED Control I	No. 60-01-	-01-06-0-0
LATFOF	RM TRAN	NE 1025	11	1ST FLR. OFFICES EARNING COMMON		NOTE 1 NOTE 1	2.3 2.1	3.9 3.5	48.5 41.7	155.6 144.2					24.0 8.4	100.6 37.4	120.9 42.4	460 3 460 3	5	15 15					
		N MINIMUM OUTSIDE AII RIABLE SPEED DRIVE FO		PURPOSES																		-	Rev. No.: Date: D	Description:	
EDL	JLE	ELECTRICAL										G UNIT	(AHU) SC	HEDULE											
TY (MBł			NOTES 1,2,3 1,2,3		QUIP TAG LOCATIO AHU-1 WORKSH		WEIGHT (LBS) 745.5	MODEL UCCA	SERVES WORKSHOP	SUPPLY AIR C (CFM) 2000	OUTDOOR AIR (CFM) TS 665	SP (IN. WG.) 2.528	FLOW RATE (GPM) 7.43	EAT (°F) 47.0	HEATING D LAT (°F 98.41) EWT (ELECT TS PHASE 0 3			-			Ľ
				NC 1. 2. 3.	DTES: DESIGN BASIS: TRA HEATING DATA BAS PROVIDE HARD WIF	ANE SED ON 180 DEG. F. E.W RED WALL MOUNTED S	/.T., 150 DEG. F. L PACE TEMPERAT	W.T., 25% ETH URE CONTRO	IYLENE GLYCOL LLER. PROVIDE I	HAND-OFF-AUTO	MATIC FUNCTIO	N THROUGH	TEMPERATURE CO	NTROLLER								× (
(RC	U) SCH	IEDULE										DUST	COLLECT	OR (DC)) SCHE	EDULE	EXTERNAL		ELECTRICA	L			•	R SOLUTIONS	BID
PHA	ELECTRICA	AL CA MOP	WEIGHT (LB.)	NOTES	_		DWG LABEL DC-1 12 NOTES:	SERVES 3A WORKSHO	MANUFA STERM		MODEL NO. DKPD 24407		TYPE DRUM/REAR INLET	AIRFLOW (CFM) 1900	DRU	M CAPACITY 55 GALLON	STATIC PRESSURE 9.0		VOLTAGE 208		NOTES 1, 2	-	Tetra Tech Enginee & Landscape Archit		
3 3 3	25 14/14, 32	5 40 4/10 20/20/15 2 50	2004 788 1859 904	2 1 2 1	-		1. PROVIDI			NDARD DISCONN SURE TO HOUSE		FILTERS.										_	TŁ	ΤΕΤΙ	RATE
3 3 3 1	25 18/18 25 11	B/1825/25/25540	788 2004 788 92	1 2 1 1												VATER COIL DA	TA (180 E.W.T.,	, 150 L.W.T., 25% E	THYLENE GLY CAPACITY	COL)				ARCHITE	CTS & ENG
1 3 ANUFAC	11 36 CTURER'S REC	60 COMMENDED DISCONN	92 904 IECT SWITCH	1			UNIT TAG VAV-1A VAV-2A VAV-3A	COMF COMF	. LAB 121	MODEL MIN VCWF010 VCWF010 VCWF008	AIRFLOW (CFM) 610 595 345	10	20 90).4).4	EAT (°F) 55.0 55.0 55.0	LAT (°F) 114.2 114.7 109.9	FLOW (GPM) 2.6 2.6 1.4	WPD (FT. HD.) 1.0 1.0 0.2	(MBH) 38.6 38.6 20.6	NO. ROWS 2 2 2 2	NOTES 1,2 1,2 1,2	-	Waverly Ce Waverly, N		ol District
IKCUIT.		NUFACTURER'S RECOM	IMENDED DISCO	JNNECT SWITCHES			VAV-4A VAV-5A VAV-6A	TECH	SPACE 123.2 \vdots CR 123D \vdots ER LAB 123C \vdots	VCWF010	190 810 610		30	0.4	55.0 55.0 55.0	123.5 107.7 98.4	0.9 3.1 2.0	0.5 1.4 0.3	14.1 46.2 28.7	2 2 2	1,2 1,2 1,2	- ∑	Additions ar		
								BASIS: TRANE WITH MANUFA	CTURER'S STAN	NDARD 24V CONT	ROL TRANSFOR	MER										ļ	Waverly Jr.	Sr. High S	School
								EQUIP						P (P) SC	.OW WPD	SUCTION	DISCHARGE	MOTOR		CTRICAL DATA		-	Schedules		
							 N	NO. LOO P-1A COI OTES:	RRIDOR WET	TYPE MANU ROTOR BELL RER'S STANDARD	& GOSSETT E			ES (GF	PM) (FT HI 3.1 19.0	D) SIZE	SIZE 1.25	RPM H 2934 .5	P VOLTS 5 208-230	PHASE HER 1 60		z		ate: 5/19/2023	Drawing Number:
									25% ETHYLENE														Project No.: 339070-220	003	AM6
																						L			

	6	7	1	8	S)	10	I	11	I	12	1	13	1	14		15	I	16		17
							RO	OFTOP		U) SCHE	DULE				HEATING D	٨٣٨			ELECTF		
ATION 1 AREA 1 AREA	MANUFAC AAOI AAOI	N 1191	RN008 121	SERVES 1,122,123A	PPLY AIR OUTDOOR AII (CFM) 2600 1180 2105 1055		(IN. WG.) 2.4 2.5	NG SENSIBLE (MBH) 69.7 56.9	COOLING TOTA (MBH) 86.5 67.1		(F) LDB / LWB (F 55.4/53.1 55.3/53.4) EER 12.5 11.9	MIN. GAS PRESS. (IN.) 6.0 6.0	EAT (°F) 35.0 32.8		GAS INF) (MB	BH) VC .0 4	OLTS PHASE 460 3 460 3	MCA N	IOP NOTES 30 1,2,3 30 1,2,3
	CTURER'S I	DISCONNECT SWITCH. VARIABLE SPEED DRIVE		3.	PROVIDE MANUFAC																<u> </u>
								UNIT		•	V) SCHE	DULE			0001				ELEOTD		
	MARK UV-1	LOCATION SPANISH 104	MODEL VUVE12510		1250	SUPPLY AIR ACTUAL AIRFLC (CFM) 1162	OA (CFM) 405	EAT (°F) 45	LAT (°F) 101.3	HEATING COIL E CAP. (MBH 70.9	I) FLOW (GPM) 4.7	10.2	77.2	EWB (°F) 64.6	LDB (°F) 57.1	NG DATA LWB (°F) 54.8	TOT. CAP. (MBH) 34.1	SENS. CAP (MBH) 25.6	Р. МСА 5.3	CAL DATA VOLTAGE/F 208/1	1-5
	UV-2 UV-3 UV-4 UV-5	TEACHERS LOUNGE 105 SPANISH 106 TEST CENTER 107 SPECIAL EDUCATION 108	VUVE07510 VUVE12510 VUVE10010 VUVE12510	TRANE TRANE TRANE	750 1250 1000 1250	650 1162 978 1162	205 405 335 405	48.9 45 44.3 45	102 101.3 95.9 101.3	37.7 70.9 54.8 70.9	2.5 4.7 3.7 4.7	2.3 10.2 5.5 10.2	76.4 77.2 77.4 77.2	63.9 64.6 64.7 64.6	54.5 57.1 57.3 57.1	52.8 54.8 54.9 54.8	21.1 34.1 28.6 34.1	15.6 25.6 21.6 25.6	2.6 5.3 2.6 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	UV-6 UV-7 UV-8 UV-9	SPANISH 109 SPANISH 110 SPECIAL EDUCATION 111 ENGLISH 112	VUVE10010 VUVE12510 VUVE12510 VUVE12510	TRANE TRANE TRANE	1000 1250 1250 1250 1250	978 1162 1162 1162 1162	335 405 405 405	44.3 45 45 45 45	95.9 101.3 101.3 101.3 101.3	54.8 70.9 70.9 70.9	3.7 4.7 4.7 4.7 4.7	5.5 10.2 10.2 10.2	77.4 77.2 77.2 77.2 77.2	64.7 64.6 64.6 64.6	57.3 57.07 57.1 57.1	54.9 54.8 54.8 54.8	28.6 34.1 34.1 34.1	21.6 25.6 25.6 25.6	2.6 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	UV-10 UV-11 UV-12 JV-13A	STUDY HALL 113 MATH 114 SOCIAL STUDIES 115 H.S. SCIENCE 150	VUVE12510 VUVE12510 VUVE12510 VUVE12510	TRANE TRANE TRANE	1250 1250 1250 1500	1162 1162 1162 1406	405 400 400 560	45 45.2 45.2 41.5	101.3 101.4 101.4 103.9	70.9 70.8 70.8 95.2	4.7 4.7 4.7 6.4	10.2 10.2 10.2 19.2	77.2 77.2 77.2 77.2 78	64.6 64.6 65.3	57.1 57.1 57.1 58	54.8 54.8 54.8 55.4	34.1 34.1 34.1 42.2	25.6 25.6 25.6 30.8	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	JV-13B JV-14A JV-14B UV-15	H.S. SCIENCE 150 HOME AND CAREERS 151 HOME AND CAREERS 151 H.S. SOCIAL STUDIES 152 ENGLISH 154	VUVE15010 VUVE15010 VUVE15010 VUVE15010 VUVE12510	TRANE TRANE	1500 1500 1500 1500	1406 1406 1406 1406 1406 1162	560 610 610 505 405	41.5 39.1 39.1 44 45	103.9 102.6 102.6 105.3	95.2 96.9 96.9 93.5 70.9	6.4 6.5 6.5 6.2 4.7	19.2 19.8 19.8 18.7	78 78.6 78.6 77.5	65.3 65.8 65.8 64.8	58 58.4 58.4 57.7 57.1	55.4 55.7 55.7 55.1 54.8	42.2 43.5 43.5 41.1 24.1	30.8 31.1 31.1 30.5	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	UV-16 UV-17 UV-18 UV-19 UV-20	A/V AND STOR. 155 ENGLISH 156 ENGLISH 158 TEACHERS ROOM 159	VUVE12510 VUVE12510 VUVE12510 VUVE12510 VUVE07510	TRANE TRANE TRANE	1250 1250 1250 1250 1250 750	1162 1162 1162 1162 650	405 395 400 400 210	45.8 45.2 45.2 45.2 48.2	101.3 101.7 101.4 101.4 101.8	70.9 70.5 70.8 70.8 37.8	4.7 4.7 4.7 4.7 2.5	10.2 10.1 10.2 10.2 2.3	77.2 77.1 77.2 77.2 76.5	64.6 64.5 64.6 64.6 64.0	57.1 57.0 57.1 57.1 54.6	54.8 54.7 54.8 54.8 52.8	34.1 33.9 34.1 34.1 21.1	25.6 25.5 25.6 25.6 15.6	5.3 5.3 5.3 5.3 2.6	208'/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5 1-5
	UV-21 UV-22 UV-23 UV-24	SOCIAL STUDIES 160 ENGLISH 161 MATH 162 SOCIAL STUDIES 163	VUVE12510 VUVE12510 VUVE12510 VUVE12510 VUVE10010	TRANE TRANE TRANE	1250 1500 1250 1000	1162 1406 1162 978	400 530 400 340	45.2 42.9 45.2 44	101.4 104.7 101.4 95.7	70.8 94.3 70.8 54.9	4.7 6.3 4.7 3.7	10.2 18.9 10.2 5.5	77.2 77.7 77.2 77.2 77.2 77.5	64.6 65.0 64.6 64.8	57.1 57.8 57.1 57.3	54.8 55.2 54.8 55.0	34.1 41.6 34.1 28.8	25.6 30.6 25.6 21.6	5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
	UV-25 UV-26 UV-27 UV-28	MATH 164 ENGLISH 165 SOCIAL STUDIES 166 ENGLISH 167	VUVE12510 VUVE12510 VUVE12510 VUVE12510 VUVE12510	TRANE TRANE TRANE	1250 1250 1250 1250 1250	1162 1162 1162 1162 1162	400 400 405 400	45.2 45.2 45 45 45.2	101.4 101.4 101.3 101.4	70.8 70.8 70.9 70.8	4.7 4.7 4.7 4.7 4.7	10.2 10.2 10.2 10.2 10.2	77.2 77.2 77.2 77.2 77.2	64.6 64.6 64.6 64.6	57.1 57.1 57.1 57.1 57.1	54.8 54.8 54.8 54.8 54.8	34.1 34.1 34.1 34.1 34.1	25.6 25.6 25.6 25.6 25.6	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
	UV-29 UV-30 UV-31 UV-32	SOCIAL STUDIES 169 SOCIAL STUDIES 170 CLASSROOM 174 MUSIC STORAGE 175A	VUVE12510 VUVE12510 VUVE12510 VUVE12510 VUVE10010 VUVE10010	TRANE TRANE TRANE	1250 1250 1250 1000 1000	1162 1162 1162 978 978	395 400 290 300	45.2 45.2 47.5 46.8	101.4 101.6 101.4 97.9 97.4	70.7 70.7 53.5 53.8	4.7 4.7 3.6 3.6	10.2 10.1 10.2 5.3 5.3	77.1 77.2 76.7 76.8	64.5 64.6 64.1 64.2	57.0 57.1 56.8 56.9	54.0 54.7 54.8 54.6 54.7	33.9 34.1 27.6 27.8	25.5 25.6 21.3 21.3	5.3 5.3 2.6 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5 1-5
	UV-33 UV-34 UV-35 UV-36	GENERAL MUSIC 175B ENGLISH 209 STUDY 208 SCIENCE 210	VUVE12510 HUVE15010 VUVE15010 VUVE12510	TRANE TRANE TRANE	1250 1500 1500 1500 1250	1162 1406 1406 1162	320 400 505 355	49.8 49.8 45.0 44 47.8	104.1 105.8 105.3 102.9	68.4 92.8 93.5 69.4	4.6 6.2 6.3 4.6	9.6 9.6 18.4 18.7 9.8	76.1 77.2 77.5 76.6	64.6 64.8 64.1	56.5 57.6 57.7 56.7	54.3 55.0 55.1 54.5	32.3 40.6 41.1 33.0	24.9 30.2 30.5 25.3	5.3 5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
	UV-37 UV-38 UV-39 UV-40	SCIENCE 212 TEACHERS LOUNGE 213 SCIENCE 214 ART 215	VUVE12510 VUVE12510 VUVE07510 VUVE12510 VUVE12510	TRANE TRANE TRANE	1250 1250 750 1250 1500	1162 650 1162 1406	385 205 385 415	46 50.3 46 48.4	102.0 101.9 103.0 101.9 107.7	70.4 37.2 70.4 90.5	4.7 2.5 4.7 6.0	10.1 2.2 10.1 17.7	77.0 76.0 77.0 76.5	64.4 63.6 64.4 63.9	57.0 54.3 57.0 57.1	54.7 52.6 54.7 54.5	33.7 20.7 33.7 39.0	25.5 25.5 25.5 29.8	5.3 2.6 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
	UV-41 UV-42 UV-43 UV-44	MATH 216 ENGLISH 217 SOCIAL STUDIES 218 MATH LAB 219	VUVE15010 VUVE15010 VUVE10010 VUVE10010	TRANE TRANE TRANE	1500 1500 1000 1000	1406 1406 978 978	480 510 320 315	45.2 43.8 45.6 45.6	105.9 105.2 96.7 96.7	92.7 93.6 54.2 54.2	6.2 6.2 3.6 3.6	18.4 18.7 5.4 5.4	77.2 77.5 77.1 77.1	64.6 64.8 64.5 64.5	57.6 57.7 57.1 57.1	55.0 55.0 54.8 54.8	40.6 41.1 28.3 28.3	30.2 30.5 21.4 21.4	5.3 5.3 2.6 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
	UV-45 UV-46 JV-47A JV-47B	CLASSROOM 260 2D - ART 261 3D - ART 264 3D - ART 264	VUVE15010 VUVE12510 VUVE15010 VUVE15010	TRANE TRANE	1500 1250 1500 1500	1406 1162 1406 1406	510 340 365 365	43.8 48.5 50.7 50.7	105.2 103.3 109.0 109.0	93.6 69.1 88.9 88.9	6.2 4.6 5.9 5.9	18.7 9.7 17.1 17.1	77.5 76.4 75.9 75.9	64.8 63.9 63.5 63.5	57.7 56.7 56.8 56.8	55.1 54.4 54.3 54.3	41.1 32.7 38.0 38.0	30.5 25.1 29.3 29.3	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
	UV-48 UV-49 UV-50 UV-51	READING LAB 267 SCIENCE 268 SCIENCE 270 TEACHERS LOUNGE 271	VUVE12510 VUVE15010 VUVE15010 VUVE15010 VUVE07510	TRANE TRANE	1250 1500 1500 750	1162 1406 1406 650	385 575 635 210	46 40.6 37.9 48.2	101.9 103.4 101.9 101.8	70.4 95.8 97.7 37.8	4.7 6.4 6.5 2.5	10.1 19.4 20.1 2.3	77.0 78.2 78.9 76.5	64.4 65.5 66.0 64.0	57.0 58.2 58.5 54.6	54.7 55.5 55.8 52.8	33.7 42.7 44.0 21.2	25.5 30.9 31.4 15.6	5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
	UV-52 UV-53 UV-54 UV-55	SCIENCE 272 SCIENCE 273 MATH 274 SCIENCE 275	VUVE15010 VUVE15010 VUVE10010 VUVE15010	TRANE TRANE	1500 1500 1000 1500	1406 1406 978 1406	520 550 320 555	43.4 41.9 45.2 41.7	105.0 104.1 96.4 104.0	93.9 94.9 54,4 95.1	6.3 6.3 3.6 6.3	18.8 19.2 5.4 19.2	77.6 78.0 77.2 78.0	64.9 65.2 64.6 65.3	57.8 57.9 57.2 58.0	55.1 55.3 54.9 55.4	41.3 42.0 28.4 42.2	30.5 30.9 21.5 30.8	5.3 5.3 2.6 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	UV-56 UV-57 UV-58 UV-59	MATH 276 MATH 277 HEALTH 120 COMPUTER 207	VUVE10010 VUVE12510 VUVE15010 HUVE15010	TRANE TRANE	1000 1250 1500 1500	978 1162 1406 1406	335 400 450 455	44.3 45.2 49.0 45.0	95.9 101.4 95.0 105.8	54.8 70.8 74.5 92.8	3.7 4.7 4.9 6.2	5.5 10.2 10 18.4	77.4 77.2 77.5 77.2	64.7 64.6 64.8 64.6	57.3 57.1 57.7 57.6	54.9 54.8 55.1 55.0	28.6 34.1 40.6 40.6	21.6 25.6 30.2 30.2	2.6 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
NC 1. 2. 3.	PROVII HEATIN	DE UNIT MANUFACTURER'S DE MERV13 FILTER NG DATA BASED ON 180 DE	G. F. E.W.T., 150		5% ETHYLENE GLYCOL																
4. 5.		R SELECTION BY ARCHITEC DE UNIT MANUFACTURER'S		ENCLOSURE ADJ	ACENT TO UV. ENCLOSI																
	MANUFAC	CTURER WEIGHT (LBS)	MODEL	SERVES	SUPPLY AIR (CFM) MIN. C				HTG. EAT		<u> </u>			IRE) .G. LAT DB/WB	CLG. GPM	CLG. SENS. (MBH)	CLG. TOT. (MBH)	VOLTS F	ELECTRICAL I		OP NOTES
RM. TFORM TFORM TFORM	TRA TRA TRA TRA	NE 1864 (NE 3807 (CSAA012 V CSAA030 V	VELLNESS CTR. VELLNESS CTR. VELLNESS CTR. VELLNESS CTR.	6000 7 12500 1	411 7055 731 3655 411 7055 731 3655 731 3655	2.5 3.0	4.8 3.8 4.8 3.8	60.9 60.3 60.9 60.3	144.6 121.5 144.6 121.5	57 19.8 57 19.8	1351.0	77.3 / 63.760.79.5 / 65.356.	.6 / 55.7 .6 / 58.2 .6 / 55.7 .6 / 58.2	72.0 16.8 72.0 16.8	314.4 81.5 314.4 81.5	368.2 84.1 368.2 84.1	460 460 460 460	3 15 3 5 3 15 3 5 3 5	1	45 2 15 2 45 2 15 2
IFORM IFORM	1	NE 1025 (CSAA004 LEA	ST FLR. OFFICES		DTE 1	2.3 2.1	3.9 3.5	48.5 41.7	155.6 144.2	24.0 8.4			.6 / 54.1 .1 / 56.3	24.0 8.4	100.6 37.4	120.9 42.4	460 460	3 5 3 5		15 15
		N MINIMUM OUTSIDE AIR PO RIABLE SPEED DRIVE FOR		RPOSES																	
										SUPPLY AIR	OUTDOOR AIR		(AHU) SCI		HEATING I					TRICAL	
(MBH)	VOLTAGI 208 208	60 1 1	DTES ,2,3 ,2,3		QUIP TAG LOCATION AHU-1 WORKSHO TES: DECION BASIS: TRAN	DP TRANE	R WEIGHT (LBS) 745.5	MODEL UCCA	SERVES WORKSHOP	(CFM) 2000		SP (IN. WG.) 2.528	FLOW RATE (GPM) 7.43	EAT (°F) 47.0) LAT (°F 98.41) EWT (180	,	/T (°F) 150	VOLTS PHASE 460 3	MCA 4.47	MOP NOTES 15 1-3
				1. 2. 3.	DESIGN BASIS: TRAN HEATING DATA BASE PROVIDE HARD WIRE	ED ON 180 DEG. F. E	E.W.T., 150 DEG. F. SPACE TEMPERA	L.W.T., 25% ET	HYLENE GLYCOL DLLER. PROVIDE	- HAND-OFF-AUT	OMATIC FUNCTIO										
) SCH						DWG LABEL	SERVES	R#ANU	ACTURER	MODEL NC		COLLECT		ow	EDULE	EXTERNAL STATIC PRESSURE	FAN H	ELECTRIC/ P VOLTAGE		E NOTES
PHASE 3 3	MC 18/18 25	CA MOP WE B/18 25/25/25 5 40	EIGHT (LB.) 2004 788	NOTES 2 1	-		DC-1 NOTES: 1. PROVII	123A WORKSHO	P STER	NVENT	DKPD 2440 NNECT SWITCH.	7 [DRUM/REAR INLET	(CFN 190	,	55 GALLON	9.0	7.5		- PHAS 3	5E NOTES 1, 2
3 3 3 3	14/14 32 25 18/18	2 50 5 40 8/18 25/25/25	1859 904 788 2004	2 1 1 2	-					JURE IU HUUS	SE PRE AND HEP.	της Ι ΕΚ <u>δ</u> .	VAV S	CHED	ULE						
3 1 1 3	25 11 11 36	1 15 1 15	788 92 92 92 904	1 1 1 1 1	-		UNIT TAG VAV-1A		ERVES P. LAB 121	MODEL M VCWF010	IIN AIRFLOW (CFN 610	,	-OW (CFM) AIRI	@CLG FLOW 0.4	HOT V EAT (°F) 55.0	VATER COIL DA LAT (°F) 114.2		150 L.W.T., 25 WPD (FT. HE 1.0	5% ETHYLENE GL CAPACITY D.) (MBH) 38.6	YCOL) NO. ROWS	S NOTES
		COMMENDED DISCONNEC NUFACTURER'S RECOMME		NECT SWITCHES			VAV-1A VAV-2A VAV-3A VAV-4A VAV-5A	COM FLEX. \ MAKER	P. LAB 122 WORK AREA SPACE 123.2	VCWF010 VCWF008 VCWF005 VCWF010	595 345 190 810	99 57 3	90 (0 75 (0 15 (0	0.4 0.4 0.2 0.4	55.0 55.0 55.0 55.0 55.0	114.2 114.7 109.9 123.5 107.7	2.6 2.6 1.4 0.9 3.1	1.0 1.0 0.2 0.5 1.4	38.6 20.6 14.1 46.2	2 2 2 2 2 2	1,2 1,2 1,2 1,2 1,2 1,2
							VAV-6A NOTES: 1. DESIGN	COMPU ⁻ BASIS: TRANE	TER LAB 123C	VCWF008	610	76		0.6	55.0	98.4	2.0	0.3	28.7	2	1,2
										NDARD 24V COI	NTROL TRANSFO	RMER		י יח/ כ							
							-				NUFACTURER	MODEL NO.	SERVE	ES	FLOW WPI (GPM) (FT H 23.1 19.0) SUCTION D) SIZE	DISCHARGE SIZE 1.25	MOTO RPM 2934			TA HERTZ NOTES 60 1, 2
								NOTES: 1. PROVIDE WI		RER'S STANDAR	D DISCONNECT S				13.0	1.20			200-201	· · ·	<u> </u>

2 3 4	5 6 7 8	9 10 11 1	12 13 14	15 16 17
		ROOFTOP UNIT (RTU) SCHEDU	JLE HEATING DATA	ELECTRICAL
	EQUIP TAGLOCATIONMANUFACTURERWEIGHT (LBS)MODELSERVES(CFM)RTU-1ASTEM AREAAAON1191RN008121,122,123A2600		DB / LWB (F) EER (IN.) EAT (°F) LAT (°F) 55.4/53.1 12.5 6.0 35.0 55.0	GAS INPUT (MBH)GAS OUTPUT (MBH)VOLTSPHASEMCAMOPNOTES90.073.0460322301,2,3
	RTU-2ASTEM AREAAAON1149RN007123.2,123C,D2105NOTES: 1.PROVIDE UNIT MANUFACTURER'S DISCONNECT SWITCH.3.PROVIDE IN2.PROVIDE UNIT MANUFACTURER'S VARIABLE SPEED DRIVE3.PROVIDE IN	1055 1.5 2.5 56.9 67.1 79.3/64.6 MANUFACTURERS STANDARD INSULATED ROOF CURB	55.3/53.4 11.9 6.0 32.8 55.0	90.0 73.0 460 3 26 30 1,2,3
		UNIT VENTILATOR (UV) S		
		SUPPLY AIR HEATING COIL DATA	COOLING DATA COOLING DATA COOLING DATA COOLING DATA COOLING DATA	TOT. CAP. SENS. CAP.
	UV-1 SPANISH 104 VUVE12510 TRANE 12 UV-2 TEACHERS LOUNGE 105 VUVE07510 TRANE 73 UV-3 SPANISH 106 VUVE12510 TRANE 12	50 1162 405 45 101.3 70.9	4.7 10.2 77.2 64.6 57.1 54. 2.5 2.3 76.4 63.9 54.5 52. 4.7 10.2 77.2 64.6 57.1 54.	.8 34.1 25.6 5.3 208/1 1-5 .8 21.1 15.6 2.6 208/1 1-5 .8 34.1 25.6 5.3 208/1 1-5
	UV-5 SPECIAL EDUCATION 108 VUVE12510 TRANE 12 UV-6 SPANISH 109 VUVE10010 TRANE 10	0097833544.395.954.850116240545101.370.90097833544.395.954.850116240545101.370.9	3.7 5.5 77.4 64.7 57.3 54. 4.7 10.2 77.2 64.6 57.1 54. 3.7 5.5 77.4 64.7 57.3 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.07 54.	.834.125.65.3208/11-5.928.621.62.6208/11-5
	UV-8 SPECIAL EDUCATION 111 VUVE12510 TRANE 12 UV-9 ENGLISH 112 VUVE12510 TRANE 12	50116240545101.370.950116240545101.370.950116240545101.370.950116240545101.370.9	4.7 10.2 77.2 64.6 57.07 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54.	.8 34.1 25.6 5.3 208/1 1-5 .8 34.1 25.6 5.3 208/1 1-5
	UV-12 SOCIAL STUDIES 115 VUVE12510 TRANE 12 UV-13A H.S. SCIENCE 150 VUVE15010 TRANE 15	50 1162 400 45.2 101.4 70.8 50 1162 400 45.2 101.4 70.8 00 1406 560 41.5 103.9 95.2 00 1406 560 41.5 103.9 95.2	4.710.277.264.657.154.4.710.277.264.657.154.6.419.27865.35855.6.419.27865.35855.	.4 42.2 30.8 5.3 208/1 1-5
	UV-14AHOME AND CAREERS 151VUVE15010TRANE15UV-14BHOME AND CAREERS 151VUVE15010TRANE15	00 1406 560 41.5 103.9 95.2 00 1406 610 39.1 102.6 96.9 00 1406 610 39.1 102.6 96.9 00 1406 505 44 105.3 93.5	6.4 19.2 78 65.3 58 55. 6.5 19.8 78.6 65.8 58.4 55. 6.5 19.8 78.6 65.8 58.4 55. 6.5 19.8 78.6 65.8 58.4 55. 6.2 18.7 77.5 64.8 57.7 55.	0.743.531.15.3208/11-50.743.531.15.3208/11-5
	UV-17 A/V AND STOR. 155 VUVE12510 TRANE 12 UV-18 ENGLISH 156 VUVE12510 TRANE 12	50 1162 405 45 101.3 70.9 50 1162 395 45.8 101.7 70.5 50 1162 400 45.2 101.4 70.8 50 1162 400 45.2 101.4 70.8	4.7 10.2 77.2 64.6 57.1 54. 4.7 10.1 77.1 64.5 57.0 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54.	.733.925.55.3208/11-5.834.125.65.3208/11-5
	UV-20 TEACHERS ROOM 159 VUVE07510 TRANE 71 UV-21 SOCIAL STUDIES 160 VUVE12510 TRANE 12	50 1162 400 45.2 101.4 70.8 50 650 210 48.2 101.8 37.8 50 1162 400 45.2 101.4 70.8 60 1162 400 45.2 101.4 70.8 00 1406 530 42.9 104.7 94.3	4.7 10.2 77.2 64.6 57.1 54. 2.5 2.3 76.5 64.0 54.6 52. 4.7 10.2 77.2 64.6 57.1 54. 6.3 18.9 77.7 65.0 57.8 55.	2.821.115.62.6208/11-5.834.125.65.3208/11-5
	UV-24 SOCIAL STUDIES 163 VUVE10010 TRANE 10 UV-25 MATH 164 VUVE12510 TRANE 12	50 1162 400 45.2 101.4 70.8 00 978 340 44 95.7 54.9 50 1162 400 45.2 101.4 70.8 50 1162 400 45.2 101.4 70.8	4.7 10.2 77.2 64.6 57.1 54. 3.7 5.5 77.5 64.8 57.3 55. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54.	0.028.821.62.6208/11-5.834.125.65.3208/11-5
	UV-27 SOCIAL STUDIES 166 VUVE12510 TRANE 12 UV-28 ENGLISH 167 VUVE12510 TRANE 12 UV-29 SOCIAL STUDIES 169 VUVE12510 TRANE 12	50 1162 400 45.2 101.4 70.8 50 1162 405 45 101.3 70.9 50 1162 400 45.2 101.4 70.8 50 1162 400 45.2 101.4 70.8 50 1162 395 45.5 101.6 70.7	4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.2 77.2 64.6 57.1 54. 4.7 10.1 77.1 64.5 57.0 54.	.8 34.1 25.6 5.3 208/1 1-5 .8 34.1 25.6 5.3 208/1 1-5 .7 33.9 25.5 5.3 208/1 1-5
	UV-31 CLASSROOM 174 VUVE10010 TRANE 10 UV-32 MUSIC STORAGE 175A VUVE10010 TRANE 10	50116240045.2101.470.80097829047.597.953.50097830046.897.453.850116232049.8104.168.4	4.7 10.2 77.2 64.6 57.1 54. 3.6 5.3 76.7 64.1 56.8 54. 3.6 5.3 76.8 64.2 56.9 54. 4.6 9.6 76.1 63.7 56.5 54.	.627.621.32.6208/11-5.727.821.32.6208/11-5
	UV-34 ENGLISH 209 HUVE15010 TRANE 15 UV-35 STUDY 208 VUVE15010 TRANE 15 UV-36 SCIENCE 210 VUVE12510 TRANE 12	00140640045.0105.892.800140650544105.393.550116235547.8102.969.4	6.2 18.4 77.2 64.6 57.6 55. 6.3 18.7 77.5 64.8 57.7 55. 4.6 9.8 76.6 64.1 56.7 54.8	.040.630.25.3208/11-5.141.130.55.3208/11-5.533.025.35.3208/11-5
	UV-38 TEACHERS LOUNGE 213 VUVE07510 TRANE 71 UV-39 SCIENCE 214 VUVE12510 TRANE 12	50116238546101.970.45065020550.3103.037.250116238546101.970.400140641548.4107.790.5	4.710.177.064.457.054.2.52.276.063.654.352.4.710.177.064.457.054.6.017.776.563.957.154.	2.620.715.52.6208/11-5.733.725.55.3208/11-5
	UV-41 MATH 216 VUVE15010 TRANE 15 UV-42 ENGLISH 217 VUVE15010 TRANE 15	00 1406 480 45.2 105.9 92.7 00 1406 510 43.8 105.2 93.6 00 978 320 45.6 96.7 54.2	6.0 17.7 70.5 60.5 57.1 54. 6.2 18.4 77.2 64.6 57.6 55. 6.2 18.7 77.5 64.8 57.7 55. 3.6 5.4 77.1 64.5 57.1 54.	0.0 40.6 30.2 5.3 208/1 1-5 0.0 41.1 30.5 5.3 208/1 1-5
	UV-45 CLASSROOM 260 VUVE15010 TRANE 15 UV-46 2D - ART 261 VUVE12510 TRANE 12	00 978 315 45.6 96.7 54.2 00 1406 510 43.8 105.2 93.6 50 1162 340 48.5 103.3 69.1 00 1406 365 50.7 109.0 88.9	3.6 5.4 77.1 64.5 57.1 54. 6.2 18.7 77.5 64.8 57.7 55. 4.6 9.7 76.4 63.9 56.7 54. 5.9 17.1 75.9 63.5 56.8 54.	6.141.130.55.3208/11-5.432.725.15.3208/11-5
	UV-47B 3D - ART 264 VUVE15010 TRANE 15 UV-48 READING LAB 267 VUVE12510 TRANE 12 UV-49 SCIENCE 268 VUVE15010 TRANE 15 UV-50 SCIENCE 270 VUVE15010 TRANE 15	00140636550.7109.088.950116238546101.970.400140657540.6103.495.800140663537.9101.997.7	5.917.175.963.556.854.4.710.177.064.457.054.6.419.478.265.558.255.6.520.178.966.058.555.	.338.029.35.3208/11-5.733.725.55.3208/11-55.542.730.95.3208/11-56.844.031.45.3208/11-5
	UV-53 SCIENCE 273 VUVE15010 TRANE 15	00 1406 520 43.4 105.0 93.9 00 1406 550 41.9 104.1 94.9	2.5 2.3 76.5 64.0 54.6 52. 6.3 18.8 77.6 64.9 57.8 55. 6.3 19.2 78.0 65.2 57.9 55. 3.6 5.4 77.2 64.6 57.2 54.	6.141.330.55.3208/11-56.342.030.95.3208/11-5
	UV-55 SCIENCE 275 VUVE15010 TRANE 15 UV-56 MATH 276 VUVE10010 TRANE 10	00 978 320 45.2 96.4 54,4 00 1406 555 41.7 104.0 95.1 00 978 335 44.3 95.9 54.8 50 1162 400 45.2 101.4 70.8	3.6 5.4 77.2 64.6 57.2 54. 6.3 19.2 78.0 65.3 58.0 55. 3.7 5.5 77.4 64.7 57.3 54. 4.7 10.2 77.2 64.6 57.1 54.	6.442.230.85.3208/11-5.928.621.62.6208/11-5
		00 1406 450 49.0 95.0 74.5 00 1406 455 45.0 105.8 92.8	4.9 10 77.5 64.8 57.7 55. 6.2 18.4 77.2 64.6 57.6 55.	40.6 30.2 5.3 208/1 1-5 0.0 40.6 30.2 5.3 208/1 1-5
	 PROVIDE UNIT MANUFACTURER'S DISCONNECT SWITCH. PROVIDE MERV13 FILTER HEATING DATA BASED ON 180 DEG. F. E.W.T., 150 DEG. F. L.W.T., 25% ETHYLENE COLOR SELECTION BY ARCHITECT. PROVIDE UNIT MANUFACTURER'S 18" CONTROL ENCLOSURE ADJACENT TO UV. 			
		EXISTING AIR HANDLING UNIT (AHU-XE) SC	CHEDULE COIL DATA (DUAL TEMPERATURE)	ELECTRICAL DATA
	EQUIP TAG LOCATION MANUFACTURER WEIGHT (LBS) MODEL SERVES SUPPLY AI (CFM) AHU-2(E) SR. HIGH MECH. RM. TRANE 3807 CSAA030 WELLNESS CTR. 12500	MIN. OA (CFM) OA (CFM) WG.) TSP (IN. WG.) HTG. EAT HTG. LAT HTG. C 1411 7055 3.0 4.8 60.9 144.6 57	GPM HTG. CAP. (MBH) CLG. EAT DB/WB CLG. LAT DB/WB CLG. GPM CLG. SE (MBH) 7 1351.0 79.5 / 65.3 56.6 / 55.7 72.0 314.4	ENS. CLG. TOT. (MBH) VOLTS PHASE FAN HP MOP NOTES 4 368.2 460 3 15 45 2
	AHU-4(E)MECH. EQUIP. PLATFORMTRANE1864CSAA012WELLNESS CTR.6000AHU-5(E)MECH. EQUIP. PLATFORMTRANE3807CSAA030WELLNESS CTR.12500AHU-6(E)MECH. EQUIP. PLATFORMTRANE1864CSAA012WELLNESS CTR.6000AHU-7(E)MECH. EQUIP. PLATFORMTRANE1726CSAA0101ST FLR. OFFICES3815	731 3655 2.5 3.8 60.3 121.5 19. 1411 7055 3.0 4.8 60.9 144.6 57 731 3655 2.5 3.8 60.3 121.5 19. NOTE 1 2.3 3.9 48.5 155.6 24.	7 1351.0 79.5 / 65.3 56.6 / 55.7 72.0 314.4 9.8 396.8 77.3 / 63.7 60.6 / 58.2 16.8 81.5	4368.2460315452584.146035152
	AHU-8(E) MECH. EQUIP. PLATFORM TRANE 1025 CSAA004 LEARNING COMMONS 1500 NOTES: 1. REFERENCE BMS TRENDING DATA TO OBTAIN MINIMUM OUTSIDE AIR POSITION.	NOTE 1 2.1 3.5 41.7 144.2 8.4		
	2. PROVIDE NEW DISCONNECT SWITCH AND VARIABLE SPEED DRIVE FOR BALANCING PURPOSES			
EQUIP LOCATION MODEL ARRANGEME	AC UNIT (AC) SCHEDULE	SUPPLY AIR OUTD	NDLING UNIT (AHU) SCHEDULE	ELECTRICAL
AC-1 AV CLO. 136.5 TPKA0A0121LA00A WALL AC-2 AV CLO. 135.6 TPKA0A0121LA00A WALL NOTES: V V V V		LOCATIONMANUFACTURERWEIGHT (LBS)MODELSERVES(CFM)(CVORKSHOPTRANE745.5UCCAWORKSHOP20000	(CFM) TSP (IN. WG.) FLOW RATE (GPM) EAT (°F) LAT (°F) 665 2.528 7.43 47.0 98.41	EWT (°F) LWT (°F) VOLTS PHASE MCA MOP NOTES 180 150 460 3 4.47 15 1-3
1. DESIGN BASIS: TRANE / MITSUBISHI 2. PROVIDE CONDENSATE PUMP 3. POWERED FROM OUTDOOR UNIT		SIS: TRANE ATA BASED ON 180 DEG. F. E.W.T., 150 DEG. F. L.W.T., 25% ETHYLENE GLYCOL ARD WIRED WALL MOUNTED SPACE TEMPERATURE CONTROLLER. PROVIDE HAND-OFF-AUTOMATI	TIC FUNCTION THROUGH TEMPERATURE CONTROLLER	
REMOTE C	ONDENSING UNIT (RCU) SCHEDULE		DUST COLLECTOR (DC) SCHEDUL	EXTERNAL ELECTRICAL
EQUIP. TAG MANUFACTURER MODEL RCU-1 TRANE/MITSUBISHI TUHYE360	NOMINAL COOLING (BTUH) EER VOLTAGE PHASE MCA MOP WEIGHT (LB.) NOTES 360000 12.15 480 3 18/18/18 25/25/25 2004 2		MODEL NO.TYPEAIRFLOW (CFM)DRUM CAPACDKPD 24407DRUM/REAR INLET1900(1) 55 GALLC	
RCU-1TRANE/MITSUBISHITUHYE360RCU-2TRANE/MITSUBISHITUHYE168RCU-3TRANE/MITSUBISHITUHYE264RCU-4TRANE/MITSUBISHITUHYE216	360000 12.15 480 3 18/18/18 25/25/25 2004 2 168000 12.05 480 3 25 40 788 1 264000 13.05 480 3 14/14/10 20/20/15 1859 2 216000 11.45 480 3 32 50 904 1	1. PROVIDE WITH MANUFACTURER'S STANDARD DISCONNECT 2. PROVIDE WITH INDOOR FILTER ENCLOSURE TO HOUSE PRE		
RCU-5TRANE/MITSUBISHITUHYE168RCU-6TRANE/MITSUBISHITUHYE360RCU-7TRANE/MITSUBISHITUHYE168RCU-8TRANE/MITSUBISHITPKA0A0121LA00A	168000 12.05 480 3 25 40 788 1 360000 12.15 480 3 18/18/18 25/25/25 2004 2 168000 12.05 480 3 25 40 788 1 168000 12.05 480 3 25 40 788 1			COIL DATA (180 E.W.T., 150 L.W.T., 25% ETHYLENE GLYCOL)
RCU-9TRANE/MITSUBISHITPKA0A0121LA00ARCU-10TRANE/MITSUBISHITUHYE240NOTES:	12000 13.3 208 1 11 15 92 1 12000 13.3 208 1 11 15 92 1 240000 10.6 480 3 36 60 904 1	UNIT TAGSERVESMODELMIN AIRIVAV-1ACOMP. LAB 121VCWF010VAV-2ACOMP. LAB 122VCWF010	APD @CLG AIRFLOW (CFM) EAT (°F) LAT (° 610 1020 0.4 55.0 114.3 595 990 0.4 55.0 114.3	2 2.6 1.0 38.6 2 1,2
 SINGLE POINT POWER CONNECTION WITH FUSED DISCONNE THREE-POINT POWER CONNECTION REQUIRED WITH FUSED 	CT SWITCH REQUIRED. PROVIDE MANUFACTURER'S RECOMMENDED DISCONNECT SWITCH DISCONNECT SWITCH FOR EACH CIRCUIT. PROVIDE MANUFACTURER'S RECOMMENDED DISCONNECT SWITCHES	VAV-3AFLEX. WORK AREAVCWF008VAV-4AMAKER SPACE 123.2VCWF005VAV-5ATECH. CR 123DVCWF010	345 575 0.4 55.0 109.9 190 315 0.2 55.0 123.9 810 1030 0.4 55.0 107.1	.91.40.220.621,2.50.90.514.121,2.73.11.446.221,2
		VAV-6A COMPUTER LAB 123C VCWF008 NOTES: . DESIGN BASIS: TRANE 2. PROVIDE WITH MANUFACTURER'S STANDARD 24V CONTROL	610 760 0.6 55.0 98.4	4 2.0 0.3 28.7 2 1,2
		2. PROVIDE WITH MANUFACTURER'S STANDARD 24V CONTROL	PUMP (P) SCHEDULE	
		EQUIP NO.LOCATIONTYPEMANUFACP-1ACORRIDORWET ROTORBELL & GO	CTURER MODEL NO. SERVES (GPM) (FT HD) SUC	CTION DISCHARGEMOTORELECTRICAL DATASIZERPMHPVOLTSPHASEHERTZNOTES1.251.252934.5208-2301601, 2
		NOTES: 1. PROVIDE WITH MANUFACTURER'S STANDARD DISC 2. FLUID MEDIA: 25% ETHYLENE GLYCOL		<u></u> 1.20 <u>2007</u> .0 <u>200-200</u> I <u>00</u> 1,2

	9	I	10	I	11	I	12		13	1	14	I	15	1	16	I	17
			RO	OFTOP U	•	-	EDULE										
(C	PLY AIR OUTDOOR AIR FM) (CFM) 600 1180	WG.) TSP (II		NG SENSIBLE (MBH) 69.7	COO COOLING TOT/ (MBH) 86.5	DLING DATA AL EDB / EWB 78.9/64) EER 12.5	MIN. GAS PRESS (IN.) 6.0	EAT (°F) 35.0	HEATING DA	GAS IN	l) (M		ELECTR	CAL MCA MOP 22 30	
	105 1055 PROVIDE MANUFACT	1.5 2	5	56.9	67.1	79.3/64		11.9	6.0	32.8	55.0	90.0			60 3	26 30	1,2,3
							JV) SCHEI										
TUREI	RATED AIRFLOW R (CFM)	SUPPLY AIR ACTUAL AIRFLOW (CFM)	OA (CFM)	EAT (°F)		HEATING COIL	DATA		ID.) EDB (°F)	EWB (°F)	COOLII LDB (°F)	NG DATA LWB (°F)	TOT. CAP. (MBH)	SENS. CAP. (MBH)	ELECTRIC	VOLTAGE/PH	NOTES
	1250 750 1250 1000	1162 650 1162 978	405 205 405 335	45 48.9 45 44.3	101.3 102 101.3 95.9	70.9 37.7 70.9 54.8	4.7 2.5 4.7 3.7	10.2 2.3 10.2 5.5	77.2 76.4 77.2 77.4	64.6 63.9 64.6 64.7	57.1 54.5 57.1 57.3	54.8 52.8 54.8 54.9	34.1 21.1 34.1 28.6	25.6 15.6 25.6 21.6	5.3 2.6 5.3 2.6	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
- 	1250 1000 1000 1250	978 1162 978 1162	405 335 405	44.3 45 44.3 45	101.3 95.9 101.3	34.8 70.9 54.8 70.9	4.7 3.7 4.7	10.2 5.5 10.2	77.2 77.4 77.2	64.6 64.7 64.6	57.3 57.3 57.07	54.8 54.8 54.8 54.8	34.1 28.6 34.1	25.6 21.6 25.6	2.0 5.3 2.6 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1250 1250 1250 1250	1162 1162 1162 1162	405 405 405 400	45 45 45 45.2	101.3 101.3 101.3 101.4	70.9 70.9 70.9 70.9 70.8	4.7 4.7 4.7 4.7 4.7	10.2 10.2 10.2 10.2	77.2 77.2 77.2 77.2	64.6 64.6 64.6 64.6	57.1 57.1 57.1 57.1 57.1	54.8 54.8 54.8 54.8	34.1 34.1 34.1 34.1	25.6 25.6 25.6 25.6	5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1250 1500 1500	1162 1406 1406	400 560 560	45.2 41.5 41.5	101.4 103.9 103.9	70.8 95.2 95.2	4.7 6.4 6.4	10.2 19.2 19.2	77.2 78 78	64.6 65.3 65.3	57.1 58 58	54.8 55.4 55.4	34.1 42.2 42.2	25.6 30.8 30.8	5.3 5.3 5.3	208/1 208/1 208/1	1-5 1-5 1-5
·	1500 1500 1500 1250	1406 1406 1406 1162	610 610 505 405	39.1 39.1 44 45	102.6 102.6 105.3 101.3	96.9 96.9 93.5 70.9	6.5 6.5 6.2 4.7	19.8 19.8 18.7 10.2	78.6 78.6 77.5 77.2	65.8 65.8 64.8 64.6	58.4 58.4 57.7 57.1	55.7 55.7 55.1 54.8	43.5 43.5 41.1 34.1	31.1 31.1 30.5 25.6	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1250 1250 1250	1162 1162 1162	395 400 400	45.8 45.2 45.2 48.2	101.7 101.4 101.4	70.5 70.8 70.8	4.7 4.7 4.7	10.1 10.2 10.2	77.1 77.2 77.2	64.5 64.6 64.6	57.0 57.1 57.1	54.7 54.8 54.8	33.9 34.1 34.1	25.5 25.6 25.6	5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5
	750 1250 1500 1250	650 1162 1406 1162	210 400 530 400	48.2 45.2 42.9 45.2	101.8 101.4 104.7 101.4	37.8 70.8 94.3 70.8	2.5 4.7 6.3 4.7	2.3 10.2 18.9 10.2	76.5 77.2 77.7 77.2	64.0 64.6 65.0 64.6	54.6 57.1 57.8 57.1	52.8 54.8 55.2 54.8	21.1 34.1 41.6 34.1	15.6 25.6 30.6 25.6	2.6 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1000 1250 1250 1250	978 1162 1162 1162	340 400 400 405	44 45.2 45.2 45	95.7 101.4 101.4 101.3	54.9 70.8 70.8 70.9	3.7 4.7 4.7 4.7 4.7	5.5 10.2 10.2 10.2	77.5 77.2 77.2 77.2	64.8 64.6 64.6 64.6	57.3 57.1 57.1 57.1 57.1	55.0 54.8 54.8 54.8	28.8 34.1 34.1 34.1	21.6 25.6 25.6 25.6	2.6 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1250 1250 1250	1162 1162 1162	400 395 400	45.2 45.5 45.2	101.4 101.6 101.4	70.8 70.7 70.8	4.7 4.7 4.7	10.2 10.1 10.2	77.2 77.1 77.2	64.6 64.5 64.6	57.1 57.0 57.1	54.8 54.7 54.8	34.1 33.9 34.1	25.6 25.5 25.6	5.3 5.3 5.3	208/1 208/1 208/1	1-5 1-5 1-5
	1000 1000 1250 1500	978 978 1162 1406	290 300 320 400	47.5 46.8 49.8 45.0	97.9 97.4 104.1 105.8	53.5 53.8 68.4 92.8	3.6 3.6 4.6 6.2	5.3 5.3 9.6 18.4	76.7 76.8 76.1 77.2	64.1 64.2 63.7 64.6	56.8 56.9 56.5 57.6	54.6 54.7 54.3 55.0	27.6 27.8 32.3 40.6	21.3 21.3 24.9 30.2	2.6 2.6 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1500 1250 1250 750	1406 1162 1162 650	505 355 385 205	44 47.8 46 50.3	105.3 102.9 101.9 103.0	93.5 69.4 70.4 37.2	6.3 4.6 4.7 2.5	18.7 9.8 10.1 2.2	77.5 76.6 77.0 76.0	64.8 64.1 64.4 63.6	57.7 56.7 57.0 54.3	55.1 54.5 54.7 52.6	41.1 33.0 33.7 20.7	30.5 25.3 25.5 15.5	5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1250 1500 1500	1162 1406 1406	385 415 480	46 48.4 45.2	101.9 107.7 105.9	70.4 90.5 92.7	4.7 6.0 6.2	10.1 17.7 18.4	77.0 76.5 77.2	64.4 63.9 64.6	57.0 57.1 57.6	54.7 54.5 55.0	33.7 39.0 40.6	25.5 29.8 30.2	2.0 5.3 5.3 5.3	208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1500 1000 1000 1500	1406 978 978 1406	510 320 315 510	43.8 45.6 45.6 43.8	105.2 96.7 96.7 105.2	93.6 54.2 54.2 93.6	6.2 3.6 3.6 6.2	18.7 5.4 5.4 18.7	77.5 77.1 77.1 77.5	64.8 64.5 64.5 64.8	57.7 57.1 57.1 57.7	55.0 54.8 54.8 55.1	41.1 28.3 28.3 41.1	30.5 21.4 21.4 30.5	5.3 2.6 2.6 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1250 1500 1500	1162 1406 1406	340 365 365	48.5 50.7 50.7	103.3 109.0 109.0	69.1 88.9 88.9	4.6 5.9 5.9	9.7 17.1 17.1	76.4 75.9 75.9	63.9 63.5 63.5	56.7 56.8 56.8	54.4 54.3 54.3	32.7 38.0 38.0	25.1 29.3 29.3	5.3 5.3 5.3	208/1 208/1 208/1	1-5 1-5 1-5
	1250 1500 1500 750	1162 1406 1406 650	385 575 635 210	46 40.6 37.9 48.2	101.9 103.4 101.9 101.8	70.4 95.8 97.7 37.8	4.7 6.4 6.5 2.5	10.1 19.4 20.1 2.3	77.0 78.2 78.9 76.5	64.4 65.5 66.0 64.0	57.0 58.2 58.5 54.6	54.7 55.5 55.8 52.8	33.7 42.7 44.0 21.2	25.5 30.9 31.4 15.6	5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1500 1500 1000 1500	1406 1406 978 1406	520 550 320 555	43.4 41.9 45.2 41.7	105.0 104.1 96.4 104.0	93.9 94.9 54,4 95.1	6.3 6.3 3.6 6.3	18.8 19.2 5.4 19.2	77.6 78.0 77.2 78.0	64.9 65.2 64.6 65.3	57.8 57.9 57.2 58.0	55.1 55.3 54.9 55.4	41.3 42.0 28.4 42.2	30.5 30.9 21.5 30.8	5.3 5.3 2.6 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	1000 1250 1500	978 1162 1406	335 400 450	44.3 45.2 49.0	95.9 101.4 95.0	54.8 70.8 74.5	3.7 4.7 4.9	5.5 10.2 10	77.4 77.2 77.5	64.7 64.6 64.8	57.3 57.1 57.7	54.9 54.8 55.1	28.6 34.1 40.6	21.6 25.6 30.2	2.6 5.3 5.3	208/1 208/1 208/1	1-5 1-5 1-5
	1500	1406	455	45.0	105.8	92.8	6.2	18.4	77.2	64.6	57.6	55.0	40.6	30.2	5.3	208/1	1-5
	% ETHYLENE GLYCOL CENT TO UV. ENCLOSUI	RE SUITABLE FOR V	RF CONTROLLEI	R.													
					G UNIT ((AHU-XE	E) SCHED	COIL DATA	A (DUAL TEMPERA	,					ELECTRICAL D	ATA	
	SUPPLY AIR (CFM) MIN. OA 12500 14 6000 73	11 7055		TSP (IN. WG.) 4.8 3.8	HTG. EAT 60.9 60.3	HTG. LAT 144.6 121.5	HTG. GPM 57 19.8	TG. CAP. (MBH) 1351.0 396.8	DB/WB 79.5 / 65.3	CLG. LAT DB/WB 66.6 / 55.7 60.6 / 58.2	CLG. GPM 72.0 16.8	CLG. SENS. (MBH) 314.4 81.5	CLG. TOT. (MBH) 368.2 84.1	VOLTS P 460 460	HASE FAN HF 3 15 3 5	MOP 45 15	NOTES 2 2
S	12500 14 6000 73 3815 NOT 1500 NOT	31 3655 TE 1	3.0 2.5 2.3 2.1	4.8 3.8 3.9 3.5	60.9 60.3 48.5 41.7	144.6 121.5 155.6 144.2	57 19.8 24.0 8.4	1351.0 396.8 408.2 166.7	77.3 / 63.7 6 78.6 / 64.7 5	6.6 / 55.7 60.6 / 58.2 64.6 / 54.1 67.1 / 56.3	72.0 16.8 24.0 8.4	314.4 81.5 100.6 37.4	368.2 84.1 120.9 42.4	460 460 460 460	3 15 3 5 3 5 3 5 3 5	45 15 15 15 15	2 2
			2.1	0.0	41.7	177.2	0.4	100.7	10.1100.0		0.4		72.7	400	<u> </u>		
_																	
=0	UIP TAG LOCATION	MANUFACTURER		MODEL	SERVES		COUTDOOR AIR (CFM)		FLOW RATE (GPN		E HEATING D LAT (°F)		(°F)		ELECT	RICAL MCA MOI	P NOTES
/	ES: DESIGN BASIS: TRANE	P TRANE	745.5		WORKSHOP	2000	665	2.528	7.43	47.0	98.41	18	. ,	, ,	460 3	4.47 15	
	HEATING DATA BASED PROVIDE HARD WIRED	D ON 180 DEG. F. E.W	V.T., 150 DEG. F. PACE TEMPERA	L.W.T., 25% ETH TURE CONTROL	YLENE GLYCO LER. PROVIDE	E HAND-OFF-AU	JTOMATIC FUNCTIC										
			DWG					DUST	COLLEC		,	DULE	EXTERNAL		ELECTRICA	L	_
			LABEL DC-1 1 NOTES:	SERVES 23A WORKSHOP	STEF	ACTURER RNVENT	MODEL NO DKPD 2440		TYPE DRUM/REAR INLE	(CFM) DRUN	/ CAPACITY 55 GALLON	PRESSURE 9.0	FAN HF	VOLTAGE 208	PHASE 3	NOTES 1, 2
			1. PROVIE 2. PROVIE	de with Manufa De with Indoor	ACTURER'S ST FILTER ENCLO	ANDARD DISCO	ONNECT SWITCH. USE PRE AND HEP/	A FILTERS.									
												VATER COIL DA	ATA (180 E.W.T.,	150 L.W.T., 25	% ETHYLENE GLY	COL)	
			UNIT TAG VAV-1A VAV-2A	COMP. COMP.	LAB 122	VCWF010 VCWF010	MIN AIRFLOW (CFM 610 595	1 {	FLOW (CFM) A 020 990	RFLOW 0.4 0.4	EAT (°F) 55.0 55.0	LAT (°F) 114.2 114.7	FLOW (GPM) 2.6 2.6	WPD (FT. HD 1.0 1.0	.) (MBH) 38.6 38.6	NO. ROWS	NOTES 1,2 1,2
			VAV-3A VAV-4A VAV-5A VAV-6A	MAKER SE TECH. (DRK AREA PACE 123.2 CR 123D R LAB 123C	VCWF008 VCWF005 VCWF010 VCWF008	345 190 810 610	3 1	575 315 030 760	0.4 0.2 0.4 0.6	55.0 55.0 55.0 55.0	109.9 123.5 107.7 98.4	1.4 0.9 3.1 2.0	0.2 0.5 1.4 0.3	20.6 14.1 46.2 28.7	2 2 2 2 2	1,2 1,2 1,2 1,2
			NOTES: 1. DESIGN	BASIS: TRANE								<u></u>	<u> </u>	⊥ 0.0	20.7	<u> </u>	۲,۲
							CITINGE I NANSFUI			ID (D) در	CHEDUL	F					
									D. SER	VES	FLOW WPD (GPM) (FT HE 23.1 19.0) SUCTION SIZE	DISCHARGE SIZE	MOTOF RPM	HP VOLTS	CTRICAL DATA	
				P-1A COR	RIDOR WE	T ROTOR B	ELL & GOSSETT E		55-45 STEM V		100	1.25	1.25	2934	.5 208-230	1 60) 1, 2
				NOTES: 1. PROVIDE WITH 2. FLUID MEDIA: 2	IMANUFACTU	RER'S STANDA	ARD DISCONNECT S				23.1 13.0			2001			

	DOOETOD													
	ROOFTOP	•		DOLL				HEATING DA	TA			ELECTF	RICAL	
WG.	COOLING SENSIBLE (MBH) 69.7 56.9	COOLING TOTA (MBH) 86.5 67.1		F) LDB / LWB (F 55.4/53.1 55.3/53.4	EER 12.5 11.9	MIN. GAS PRES (IN.) 6.0 6.0	SS. EAT (°F) 35.0 32.8		GAS INP) (ME 73	BH) VOLT .0 460	S PHASE	MCA MOF 22 30 26 30	1,2,3
L/	TED ROOF CURB													
	UNI		ATOR (U HEATING COIL D		DULE			COOLII	NG DATA			ELECTRI	ICAL DATA	
С	A (CFM) EAT (°F) 405 45 205 48.9	LAT (°F) 101.3 102	CAP. (MBH) 70.9 37.7		WPD (FT. I 10.2 2.3	HD.) EDB (°F) 77.2 76.4	EWB (°F) 64.6 63.9	LDB (°F) 57.1 54.5	LWB (°F) 54.8 52.8	TOT. CAP. (MBH) 34.1 21.1	SENS. CAP. (MBH) 25.6 15.6	MCA 5.3 2.6	VOLTAGE/PH 208/1 208/1	NOTES 1-5 1-5
	405 45 335 44.3 405 45 335 44.3	101.3 95.9 101.3 95.9	70.9 54.8 70.9 54.8	4.7 3.7 4.7 3.7	10.2 5.5 10.2 5.5	77.2 77.4 77.2 77.4	64.6 64.7 64.6 64.7	57.1 57.3 57.1 57.3	54.8 54.9 54.8 54.9	34.1 28.6 34.1 28.6	25.6 21.6 25.6 21.6	5.3 2.6 5.3 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	405 45 405 45 405 45 405 45 405 45	101.3 101.3 101.3 101.3	70.9 70.9 70.9 70.9 70.9	4.7 4.7 4.7 4.7 4.7	10.2 10.2 10.2 10.2	77.2 77.2 77.2 77.2 77.2	64.6 64.6 64.6 64.6	57.07 57.1 57.1 57.1 57.1	54.8 54.8 54.8 54.8 54.8	34.1 34.1 34.1 34.1	25.6 25.6 25.6 25.6 25.6	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
_	400 45.2 400 45.2 560 41.5 560 41.5	101.4 101.4 103.9 103.9	70.8 70.8 95.2 95.2	4.7 4.7 6.4 6.4	10.2 10.2 19.2 19.2	77.2 77.2 78 78	64.6 64.6 65.3 65.3	57.1 57.1 58 58	54.8 54.8 55.4 55.4	34.1 34.1 42.2 42.2	25.6 25.6 30.8 30.8	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	610 39.1 610 39.1 505 44 405 45	102.6 102.6 105.3 101.3	96.9 96.9 93.5 70.9	6.5 6.5 6.2 4.7	19.8 19.8 18.7 10.2	78.6 78.6 77.5 77.2	65.8 65.8 64.8 64.6	58.4 58.4 57.7 57.1	55.7 55.7 55.1 54.8	43.5 43.5 41.1 34.1	31.1 31.1 30.5 25.6	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
_	100 10 395 45.8 400 45.2 400 45.2 210 48.2	101.7 101.7 101.4 101.4 101.8	70.5 70.8 70.8 37.8	4.7 4.7 4.7 2.5	10.2 10.1 10.2 10.2 2.3	77.1 77.2 77.2 77.2 76.5	64.5 64.6 64.6 64.0	57.0 57.1 57.1 54.6	54.7 54.8 54.8 52.8	33.9 34.1 34.1 21.1	25.5 25.6 25.6 15.6	5.3 5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5
-	40045.253042.940045.234044	101.4 104.7 101.4 95.7	70.8 94.3 70.8 54.9	4.7 6.3 4.7 3.7	10.2 18.9 10.2 5.5	77.2 77.7 77.2 77.5	64.6 65.0 64.6 64.8	57.1 57.8 57.1 57.3	54.8 55.2 54.8 55.0	34.1 41.6 34.1 28.8	25.6 30.6 25.6 21.6	5.3 5.3 5.3 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	40045.240045.24054540045.2	101.4 101.4 101.3 101.4	70.8 70.8 70.9 70.8	4.7 4.7 4.7 4.7 4.7	10.2 10.2 10.2 10.2	77.2 77.2 77.2 77.2 77.2	64.6 64.6 64.6 64.6	57.1 57.1 57.1 57.1 57.1	54.8 54.8 54.8 54.8 54.8	34.1 34.1 34.1 34.1	25.6 25.6 25.6 25.6 25.6	5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
_	395 45.5 400 45.2 290 47.5 300 46.8	101.6 101.4 97.9 97.4	70.7 70.8 53.5 53.8	4.7 4.7 3.6 3.6	10.1 10.2 5.3 5.3	77.1 77.2 76.7 76.8	64.5 64.6 64.1 64.2	57.0 57.1 56.8 56.9	54.7 54.8 54.6 54.7	33.9 34.1 27.6 27.8	25.5 25.6 21.3 21.3	5.3 5.3 2.6 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
_	32049.840045.05054435547.8	104.1 105.8 105.3 102.9	68.4 92.8 93.5 69.4	4.6 6.2 6.3 4.6	9.6 18.4 18.7 9.8	76.1 77.2 77.5 76.6	63.7 64.6 64.8 64.1	56.5 57.6 57.7 56.7	54.3 55.0 55.1 54.5	32.3 40.6 41.1 33.0	24.9 30.2 30.5 25.3	5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
_	385 46 205 50.3 385 46 415 48.4	101.9 103.0 101.9 107.7	70.4 37.2 70.4 90.5	4.7 2.5 4.7 6.0	10.1 2.2 10.1 17.7	77.0 76.0 77.0 76.5	64.4 63.6 64.4 63.9	57.0 54.3 57.0 57.1	54.7 52.6 54.7 54.5	33.7 20.7 33.7 39.0	25.5 15.5 25.5 29.8	5.3 2.6 5.3 5.3	208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
_	48045.251043.832045.631545.6	105.9 105.2 96.7 96.7	92.7 93.6 54.2 54.2	6.2 6.2 3.6 3.6	18.4 18.7 5.4 5.4	77.2 77.5 77.1 77.1	64.6 64.8 64.5 64.5	57.6 57.7 57.1 57.1	55.0 55.0 54.8 54.8	40.6 41.1 28.3 28.3	30.2 30.5 21.4 21.4	5.3 5.3 2.6 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
_	510 43.8 340 48.5 365 50.7 365 50.7	105.2 103.3 109.0 109.0	93.6 69.1 88.9 88.9	6.2 4.6 5.9 5.9	18.7 9.7 17.1 17.1	77.5 76.4 75.9 75.9	64.8 63.9 63.5 63.5	57.7 56.7 56.8 56.8	55.1 54.4 54.3 54.3	41.1 32.7 38.0 38.0	30.5 25.1 29.3 29.3	5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5
	3854657540.6	101.9 103.4	70.4 95.8	4.7 6.4	10.1	77.0	64.4	57.0	54.7 55.5	33.7 42.7	25.5	5.3 5.3	208/1	1-5
	63537.921048.2	101.9 101.8	97.7 37.8	6.5 2.5	19.4 20.1 2.3	78.2 78.9 76.5	65.5 66.0 64.0	58.2 58.5 54.6	55.8 52.8	44.0 21.2	30.9 31.4 15.6	5.3 2.6	208/1 208/1 208/1	1-5 1-5 1-5
	63537.921048.252043.455041.932045.255541.7	101.9 101.8 105.0 104.1 96.4 104.0	97.7 37.8 93.9 94.9 54,4 95.1	6.5 2.5 6.3 6.3 3.6 6.3	20.1 2.3 18.8 19.2 5.4 19.2	78.9 76.5 77.6 78.0 77.2 78.0	66.0 64.0 64.9 65.2 64.6 65.3	58.5 54.6 57.8 57.9 57.2 58.0	55.8 52.8 55.1 55.3 54.9 55.4	44.0 21.2 41.3 42.0 28.4 42.2	31.4 15.6 30.5 30.9 21.5 30.8	5.3 2.6 5.3 5.3 2.6 5.3	208/1 208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5 1-5 1-5
	63537.921048.252043.455041.932045.2	101.9 101.8 105.0 104.1 96.4	97.7 37.8 93.9 94.9 54,4	6.5 2.5 6.3 6.3 3.6	20.1 2.3 18.8 19.2 5.4	78.9 76.5 77.6 78.0 77.2	66.0 64.0 64.9 65.2 64.6	58.5 54.6 57.8 57.9 57.2	55.8 52.8 55.1 55.3 54.9	44.0 21.2 41.3 42.0 28.4	31.4 15.6 30.5 30.9 21.5	5.3 2.6 5.3 5.3 2.6	208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5 1-5
G /	63537.921048.252043.455041.932045.255541.733544.340045.245049.0	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 6.3 3.6 6.3 3.7 4.7 4.9 6.2	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 18.4	78.9 76.5 77.6 78.0 77.2 78.0 77.2 78.0 77.2 78.0 77.2 78.0 77.4 77.5	66.0 64.0 64.9 65.2 64.6 65.3 64.7 64.6 64.8 64.8 64.6	58.5 54.6 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6	55.8 52.8 55.1 55.3 54.9 55.4 54.9 54.8 54.8 55.1	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 30.2	5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3	208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1	1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5
EIG 7	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8 AHU-XE) HTG. LAT 144.6 121.5 144.6 121.5 144.6 121.5 155.6 144.2 SUPPLY AIR (CFM) 2000	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 10 18.4 ULE COIL DAT. ITG. CAP. (MBH) 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 10 2.528 DN THROUGI	78.9 76.5 77.6 78.0 77.2 78.0 77.2 77.4 77.5 77.5 77.72 77.5 77.5 77.7 77.5 77.7 77.5 77.7 77.5 77.7 77.5 77.2 77.5 77.7 77.5 77.5 77.3 79.5 / 65.3 77.3 / 63.7 79.5 / 65.3 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5	66.0 64.0 64.9 65.2 64.6 65.3 64.6 64.6 64.8 64.6 64.8 64.6 64.6 64.7 64.6 64.7 64.6 64.7 64.6 64.8 64.6 56.6/55.7 60.6/58.2 54.6/54.1 57.1/56.3	58.5 54.6 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6	55.8 52.8 55.1 55.3 54.9 55.4 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.6 40.6 CLG. TOT. (MBH) 368.2 84.1 368.2 84.1 120.9 42.4	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 30 460 30 460 30 460 30 460 30 460	5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 ELECTRICAL I SE FAN H 15 5 15 5 5 5 5 5 5 5 5 5 5 5 5 5	208/1 30/1 30/1 </td <td>1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td>	1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 NTROLLER. 45.0 NTROLLER. SP (IN. WG.) SP (IN. WG.) TSP (IN. WG.) 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 2.3 3.9 2.1 3.5	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8 AHU-XE) HTG. LAT 144.6 121.5 144.6 121.5 144.6 121.5 155.6 144.2 AIR H SUPPLY AIR (CFM) 2000	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 10 18.4 ULE COIL DAT. (MBH) 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.3 COIL DAT. (MBH) 1351.0 396.8 10.3 COIL DAT. (MBH) 1351.0 396.8 10.3 COIL DAT. (MBH) 1351.0 396.8 10.3 COIL DAT. (MBH) 1351.0 396.8 10.3 COIL DAT. (MBH) 1351.0 396.8 10.3 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH)	78.9 76.5 77.6 78.0 77.2 78.0 77.2 77.4 77.5 77.5 77.72 77.5 77.5 77.7 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.5 77.5 77.5 77.5 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5 PICOURATE (GI 7.43	66.0 64.9 65.2 64.6 65.3 64.6 64.7 64.8 64.6 64.8 64.6 64.8 64.6 65.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CHEDUL PM) EAT (°F) 47.0 47.0 AIRFLO AIRFLO	58.5 54.6 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 72.0 16.8 72.0 16.8 24.0 8.4 EHEATING D LAT (°F) 98.41	55.8 52.8 55.1 55.3 54.9 55.4 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4 EWT (' 180	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.6 40.6 CLG. TOT. (MBH) 368.2 84.1 368.2 84.1 120.9 42.4	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 460 460 460 460 460 460 <td>5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3</td> <td>208/1 15 15 15 15 15 15 15 15 15 15 15 15 16 175 <</td> <td>1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 15 1-3</td>	5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3	208/1 15 15 15 15 15 15 15 15 15 15 15 15 16 175 <	1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 15 1-3
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 NTROLLER. 45.0 NTROLLER. SP (IN. WG.) SP (IN. WG.) TSP (IN. WG. 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 2.3 3.9 2.1 3.5	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 10 18.4 ULE COIL DAT. (MBH) 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 166.7 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.3 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH)	78.9 76.5 77.6 78.0 77.2 78.0 77.2 77.4 77.5 77.5 77.72 77.5 77.5 77.7 77.5 77.7 77.5 77.7 77.5 77.7 77.5 77.2 77.5 77.7 77.5 77.5 77.3 79.5 / 65.3 77.3 / 63.7 79.7 / 65.5	66.0 64.9 65.2 64.6 65.3 64.6 64.6 64.8 64.6 65.7 60.6 / 58.2 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3	58.5 54.6 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.7 57.6	55.8 52.8 55.1 55.3 54.9 55.4 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.6 CLG. TOT. (MBH) 368.2 84.1 368.2 84.1 120.9 42.4	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 30.2 30.2 30.2 VOLTS PHA 460 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 3 400 400	5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3	208/1 15 15 15 15 15 15 15 15 15 15 15 15 16 175 <	1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 2 1.5
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 NTROLLER. 45.0 NTROLLER. SP (IN. WG.) SP (IN. WG.) TSP (IN. WG.) 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 2.3 3.9 2.1 3.5	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 10 18.4 ULE COIL DAT. (MBH) 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 COIL DAT. (MBH) 1351.0 396.8 10.2 166.7 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.2 COIL DAT. (MBH) 1351.0 10.3 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH) 1351.0 COIL DAT. (MBH)	78.9 76.5 77.6 78.0 77.2 78.0 77.2 78.0 77.4 77.5 77.72 77.5 77.5 77.7 77.5 77.7 77.5 77.7 77.5 77.5 77.2 77.4 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.3 / 63.7 79.7 / 65.5 79.7 / 65.5 77.43	66.0 64.9 65.2 64.6 65.3 64.6 64.6 64.8 64.6 65.7 60.6 / 58.2 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3	58.5 54.6 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6	55.8 52.8 55.1 55.3 54.9 55.4 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.6 40.6 CLG. TOT. (MBH) 368.2 84.1 368.2 84.1 120.9 42.4 °F) LW ○ CLG. TOT. (MBH) CLG. TOT. (MBH)	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 460 460 460 460 460 460 460	5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	208/1 15 15 15 15 15 15 15 15 15 15 15 15 16 175	1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 1-3
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 VTROLLER. 45.0 NTROLLER. SP (IN. WG.) TSP (IN. WG. 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 2.1 3.5 MODEL HT (LBS) MODEL 45.5 UCCA 0 DEG. F. L.W.T., 25% E E FENOVIDE WITH MAN PROVIDE WITH INDO UNIT TAG	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 18.4	78.9 76.5 77.6 78.0 77.2 78.0 77.2 78.0 77.4 77.2 77.4 77.2 77.5 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.5 77.2 77.5 77.2 77.5 77.5 77.5 77.5 77.5 77.5 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5	66.0 64.9 65.2 64.6 65.3 64.6 64.6 64.8 64.6 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CHEDUL PM) EAT (°F) 47.0 47.0 47.0 ECONTROLLER AIRFLO CTOR (DO AIRFLO ET 1900	58.5 54.6 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6	55.8 52.8 55.1 55.3 54.9 55.4 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 9.0 ************************************	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3	5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	AL E PHASE 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 208/1 15 15 15 15 15 15 15 15 15 1	1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 1-3
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 VROLLER. 45.0 NTROLLER. SP (IN. WG.) SP (IN. WG.) TSP (IN. WG.) 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.1 3.5 0 DEG. F. L.W.T., 25% E FES: PROVIDE WITH MAN PROVIDE WITH INDO UNIT TAG VAV-4A VAV-4A MAKE	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 18.4	78.9 76.5 77.6 78.0 77.2 78.0 77.2 78.0 77.4 77.2 77.5 77.72 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.2 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.3 / 63.7 79.7 / 65.5 78.6 / 64.7 79.7 / 65.5 PLOW RATE (GI	66.0 64.9 65.2 64.6 65.3 64.6 64.6 64.8 64.6 65.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CONTROLLER CONTROLLER CONTROLLER AIRFLOW	58.5 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 72.0 16.8 24.0 8.4 JLE HEATING D 16.8 72.0 16.8 72.0 16.8 24.0 8.4 HOT W EAT (°F) 55.0 55.0	55.8 52.8 55.1 55.3 54.9 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 5 100.6 37.4 CLG. SENS. (MBH) 314.4 5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) (MBH	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.6 40.6 CLG. TOT. (MBH) 368.2 84.1 368.2 84.1 368.2 84.1 120.9 42.4	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 40 40 40 40 40 40	5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 SE FAN H 15 5	208/1 15 15 15 15 15 15 15 15 3 16 17 17 18 19 10 10 10 <t< td=""><td>1-5 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1</td></t<>	1-5 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 VTROLLER. 45.0 NTROLLER. SP (IN. WG.) SP (IN. WG.) TSP (IN. WG.) 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 0.0 DEG. F. L.W.T., 25% E TEMPERATURE CONTI 123A WORKSH FES: PROVIDE WITH MAN PROVIDE WITH INDO VAV-3A VAV-3A CO VAV-3A CO VAV-4A CO VA	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 57 19.8 24.0 8.4	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 18.4	78.9 76.5 77.6 78.0 77.2 78.0 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.5 77.2 77.5 77.5 77.5 77.5 77.5 77.5 77.5 79.5 / 65.3 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5 PI	66.0 64.9 65.2 64.6 65.3 64.6 64.8 64.6 64.8 64.6 64.8 64.6 64.6 64.7 64.6 64.7 64.6 64.8 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CONTROLLER CONTROLLER AIRFLOW 0.4 0.4 0.4 0.4 0.4 0.4 0.4	58.5 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 24.0 8.4 IDLE HEATING D LAT (°F) JLE HOT W	55.8 52.8 55.1 55.3 54.9 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 100.6 37.4 EWT (' 180 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6 55.0 CLG. SENS. 100.6 55.0 CLG. SENS. 100.6 100.6 100.6 100.6 37.4 CLG. SENS. 100.6 37.4 CLG. SENS. 100.6	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.6 40.6 CLG. TOT. (MBH) 368.2 84.1 368.2 84.1 368.2 84.1 120.9 42.4	31.4 15.6 30.5 30.9 21.5 30.8 21.6 25.6 30.2 PHA 460 3 460 3 460 3 460 3 460 3 460 3 460 3 400 3 400 3 400	5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 5	AL 208/1 2	1-5 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 VIROLLER. 45.0 NTROLLER. SP (IN. WG.) SP (IN. WG.) TSP (IN. WG.) 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 2.3 3.9 2.1 3.5 HT (LBS) MODEL 45.5 UCCA 0 DEG. F. L.W.T., 25% E FES: PROVIDE WITH MAN PROVIDE WITH INDO UNIT TAG CO VAV-1A CO VAV-3A TEN VAV-4A AKE VAV-5A TEN ES: S <td>101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8</td> <td>97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8</td> <td>6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4 OUTDOOR AIR (CFM) 665 MODEL NO DKPD 2440 NAIRFLOW (CFM 610 595 345 190 810 610</td> <td>20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 10 18.4 ULE COIL DAT. (MBH) 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 10.2 (MBH) 1351.0 396.8 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 1396.8 10.3 (MBH) 1351.0 1396.8 1351.0 1396.8 1351.0 1396.8 1351.0 10.3 (MBH) 1351.0 1396.8 1351.0 140.0 14</td> <td>78.9 77.6 77.0 77.2 78.0 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.12 77.4 77.2 77.5 77.2 77.3 79.5 / 65.3 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5 79.7 / 65.5 79.7 / 65.5</td> <td>66.0 64.9 65.2 64.6 65.3 64.6 64.8 64.6 64.8 64.6 64.8 64.6 64.8 64.6 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CTOR (D0 AIRFLOW 0.4 0.4 0.4 0.4 0.4 0.4 0.4 <</td> <td>58.5 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 72.0 16.8 24.0 8.4 JLE HEATING D LAT (°F) 98.41</td> <td>55.8 52.8 55.1 55.3 54.9 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 SENS. (M</td> <td>44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.7 40.8 20 28.4 42.2 28.6 34.1 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 9.0 40.4</td> <td>31.4 15.6 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 40 40 40 40</td> <td>5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 5</td> <td>AL 208/1 2</td> <td>1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2</td>	101.9 101.8 105.0 104.1 96.4 104.0 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4 OUTDOOR AIR (CFM) 665 MODEL NO DKPD 2440 NAIRFLOW (CFM 610 595 345 190 810 610	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 10 18.4 ULE COIL DAT. (MBH) 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 1351.0 396.8 10.2 (MBH) 1351.0 396.8 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.2 (MBH) 1351.0 396.8 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 10.3 (MBH) 1351.0 1396.8 10.3 (MBH) 1351.0 1396.8 1351.0 1396.8 1351.0 1396.8 1351.0 10.3 (MBH) 1351.0 1396.8 1351.0 140.0 14	78.9 77.6 77.0 77.2 78.0 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.4 77.2 77.12 77.4 77.2 77.5 77.2 77.3 79.5 / 65.3 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5 79.7 / 65.5 79.7 / 65.5	66.0 64.9 65.2 64.6 65.3 64.6 64.8 64.6 64.8 64.6 64.8 64.6 64.8 64.6 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CTOR (D0 AIRFLOW 0.4 0.4 0.4 0.4 0.4 0.4 0.4 <	58.5 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 72.0 16.8 24.0 8.4 JLE HEATING D LAT (°F) 98.41	55.8 52.8 55.1 55.3 54.9 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 81.5 100.6 37.4 CLG. SENS. (MBH) 314.4 SENS. (M	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.7 40.8 20 28.4 42.2 28.6 34.1 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 9.0 40.4	31.4 15.6 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 40 40 40 40	5.3 2.6 5.3 2.6 5.3 2.6 5.3 2.6 5.3 5	AL 208/1 2	1-5 2 2 2 2 2 2 2 2 2 2 2 2 2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2
	635 37.9 210 48.2 520 43.4 550 41.9 320 45.2 555 41.7 335 44.3 400 45.2 450 49.0 455 45.0 450 49.0 455 45.0 VIROLLER. SP (IN. WG.) SP (IN. TSP (IN. WG.) 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 3.0 4.8 2.5 3.8 2.1 3.5 O DEG. F. L.W.T., 25% E FEMPERATURE CONTI VG SERVES 2-1 123A WORKSH YAV-1A CO VAV-3A FLAX VAV-4A AKE VAV-5A COMP S: DESIGN BASIS: TRAN PROVIDE WITH MANU INO. EQUIP IN <t< td=""><td>101.9 101.8 105.0 104.1 96.4 101.4 95.9 101.4 95.0 105.8</td><td>97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8</td><td>6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4 OUTDOOR AIR (CFM) 665 MODEL NO DKPD 2440 NAIRFLOW (CFM 610 595 345 190 810 610</td><td>20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 18.4</td><td>78.9 76.5 77.6 78.0 77.2 78.0 77.4 77.2 77.4 77.2 77.4 77.2 77.5 77.2 77.4 77.2 77.4 77.2 77.5 77.7 77.5 77.3 79.5 / 65.3 77.3 / 63.7 79.5 / 65.3 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5 FLOW RATE (GI FLOW RATE INIE TYPE DUM/REAR INIE TYPE OUN/REAR INIE</td><td>66.0 64.9 65.2 64.6 65.3 64.6 64.8 64.6 64.8 64.6 64.8 64.6 64.8 64.6 64.6 64.6 64.7 64.6 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CHEDUL PM ECONTROLLER APD @CLG AIRFLOW 0.4 0.4 0.4 0.4 0.4 <tr< td=""><td>58.5 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 72.0 16.8 24.0 8.4 JLE HEATING D LAT (°F) 98.41</td><td>55.8 52.8 55.1 55.3 54.9 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4 EWT (180 CLC PACITY 114.2 180 CLC PACITY 5 GALLON</td><td>44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.7 40.8 20 28.4 42.2 28.6 34.1 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 9.0 40.4</td><td>31.4 15.6 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 4 1.0 1.0 0.3</td><td>5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5</td><td>208/1 15 45 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 <</td><td>1-5 2 2 2 2 2 2 2 2 2 2 2 2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2</td></tr<></td></t<>	101.9 101.8 105.0 104.1 96.4 101.4 95.9 101.4 95.0 105.8	97.7 37.8 93.9 94.9 54,4 95.1 54.8 70.8 74.5 92.8	6.5 2.5 6.3 3.6 6.3 3.7 4.7 4.9 6.2 SCHED HTG. GPM 57 19.8 24.0 8.4 OUTDOOR AIR (CFM) 665 MODEL NO DKPD 2440 NAIRFLOW (CFM 610 595 345 190 810 610	20.1 2.3 18.8 19.2 5.4 19.2 5.5 10.2 10 18.4	78.9 76.5 77.6 78.0 77.2 78.0 77.4 77.2 77.4 77.2 77.4 77.2 77.5 77.2 77.4 77.2 77.4 77.2 77.5 77.7 77.5 77.3 79.5 / 65.3 77.3 / 63.7 79.5 / 65.3 77.3 / 63.7 78.6 / 64.7 79.7 / 65.5 FLOW RATE (GI FLOW RATE INIE TYPE DUM/REAR INIE TYPE OUN/REAR INIE	66.0 64.9 65.2 64.6 65.3 64.6 64.8 64.6 64.8 64.6 64.8 64.6 64.8 64.6 64.6 64.6 64.7 64.6 56.6 / 55.7 60.6 / 58.2 54.6 / 54.1 57.1 / 56.3 CHEDUL PM ECONTROLLER APD @CLG AIRFLOW 0.4 0.4 0.4 0.4 0.4 <tr< td=""><td>58.5 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 72.0 16.8 24.0 8.4 JLE HEATING D LAT (°F) 98.41</td><td>55.8 52.8 55.1 55.3 54.9 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4 EWT (180 CLC PACITY 114.2 180 CLC PACITY 5 GALLON</td><td>44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.7 40.8 20 28.4 42.2 28.6 34.1 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 9.0 40.4</td><td>31.4 15.6 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 4 1.0 1.0 0.3</td><td>5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5</td><td>208/1 15 45 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 <</td><td>1-5 2 2 2 2 2 2 2 2 2 2 2 2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2</td></tr<>	58.5 57.8 57.9 57.2 58.0 57.3 57.1 57.7 57.6 CLG. GPM 72.0 16.8 72.0 16.8 24.0 8.4 JLE HEATING D LAT (°F) 98.41	55.8 52.8 55.1 55.3 54.9 54.9 54.8 55.1 55.0 CLG. SENS. (MBH) 314.4 81.5 314.4 81.5 314.4 81.5 100.6 37.4 EWT (180 CLC PACITY 114.2 180 CLC PACITY 5 GALLON	44.0 21.2 41.3 42.0 28.4 42.2 28.6 34.1 40.6 40.7 40.8 20 28.4 42.2 28.6 34.1 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 84.1 368.2 9.0 40.4	31.4 15.6 30.9 21.5 30.8 21.6 25.6 30.2 30.3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 460 3 4 1.0 1.0 0.3	5.3 2.6 5.3 2.6 5.3 2.6 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	208/1 15 45 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 <	1-5 2 2 2 2 2 2 2 2 2 2 2 2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2



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		DWG						SA	MIN. OA						RA
_		ERV-1	AREA B	ROOF	SERVES WEIGHT ROOM	MODEL RN009	FAN ARR. PLENUM	(CFM) 2585	(CFM) 2335	(IN WG) 1.0	RPM 1787	BHP 1.5	HP 2.0	FAN ARR. PLENUM	(CFM) 2385
		ERV-2 ERV-3 NOTES:	AREA B AREA A		TEAM ROOMS AUX GYM	RN006 RN009	PLENUM PLENUM	1345 2300	1345 2335	1.0 1.0	1854 1787	0.8 1.5	1.0 2.0	PLENUM PLENUM	1345 2385
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ပ	MARK FCU-1 NOTES:		LOCA		MOD FCC0		ACTURER RANE	(CFM) 600		A (CFM) 60	ESP (IN. 0.13		EAT (°F) 62.2	LAT (° 105.	
	1. PR	OVIDE M OVIDE M	ANUFACT ANUFACT	URER'S URER'S	STANDARD DIS STANDARD RU	SCONNECT SW JBBER-IN-SHEA	VITCH. AR VIBRATION IS	SOLATORS							
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										UNIT				SCHED G. BASED ON	
D		MA UF			LOCATION	MODEI RM S60	_ MANUFA		AIRFLOV 100	, ,	EAT (°F 60.0	F)	LAT (°F 105.0	GLYC) CAP.	OL) (MBH) FL
		UF <u>NOTES</u> 1.	<u>S:</u>		QUIP. PLATFOF				100	00	60.0		105.0	43	.6
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											SUM	MER		W	/INTER				SUN	IMER			WIN	TER													
RA	ESP							WEIGHT	OA	EDB	EWB	LDB	LWB E	BEV	VB LDI	3 LWE	RA	EDB	EWB	LDB	LWB	EDB	EWB	LDB	LWB	SUMMER	WINTER	NO.	EDB	EWB	LDB	LWB	TC	SC	APD		
(CFM)	(IN WC)	RPM	BHP	HP	V/PH	MCA	MOP	(LBS)	(CFM)	(°F)	(°F)	(°F)	(°F) (°	=) (°I	F) (°F) (°F)	(CFM) (°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(%)	(%)	ROWS	(°F)	(°F)	(°F)	(°F)	(MBH)	(MBH)	(IN WG)	EER	NOTES
2385	0.5	1446	1.2	2	480/3	26	30	2187.0	2335	86.4	69.9	79.5	66.0 4	8 1.	.1 47.9	37.3	2335	77.0	62.0	83.7	67.1	65.0	50.0	21.4	20.2	62.7	67.8	2	79.5	65.0	53.7	50.6	90.1	63.8	0.05	13.70	ALL
1345	0.5	1726	0.5	1	480/3	5	15	964.0	1300	86.4	69.9	79.5	64.6 4	8 1.		37.9							50.0				70.7	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	ALL
2385	0.5	1446	1.2	2	480/3	26	30	2187.0	2335	86.4	69.9	79.5	66.0 4	8 1.	1 47.9	37.3	2335	77.0	62.0	83.7	67.1	65.0	50.0	21.4	20.2	62.7	67.8	2	79.5	65.0	53.7	50.6	90.1	63.8	0.05	13.70	ALL

HAVE SAME SIDE CONNECTION UNLESS OTHERWISE INDICATED. 1A 12 SINGLE POINT DISCONNECT SWITCH. ERV8 PRE-FILTER AND 2" MERV13 FILTERS.

6. PROVIDE 115V FACTORY PRE-WIRED CONVENIENCE OUTLET.

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- BAS	SED ON 180° EW	T 140° I WT 25	% ETHYLENE			
		1, 110 2011, 20				
	GLYCOL)			ELECTRIC	ALDATA	
	CAP. (MBH)	FLOW (GPM)	WPD (FT. HD.)	MCA	VOLTAGE/PH	NOTES
	()	. ,	, ,	2.0		1.0
	35.2	3.5	13.4	3.9	115/1	1,Ζ

JLE	Ē					
BO° EW L)	'T, 140° LWT, 25	% ETHYLENE	E	LECTRICAL DA	TA	
IBH)	FLOW (GPM)	WPD (FT. HD.)	HP	MOP	VOLTAGE/PH	NOTES
j	4.4	0.17	1/20	15	120/1	1.2
j	4.4	0.17	1/20	15	120/1	1,2

				AIRFLOW			FAN DAT	A					
EQUIP NO.	LOCATION	SERVES	MODEL	(CFM) (MIN/MAX)	SONES	ESP (IN WG)	DRIVE	MOTOR RPM	HP	VOLTAGE	PHASE	HERTZ	NOTES
F-1	AREA A ROOF	MATH 219, SOCIAL STUDIES 218	195C17D (VF)	535/2000	4.5	0.25	EC	1725	1/6	115	1	60	1, 2
F-2	AREA A ROOF	ENGLISH 217	180C17D (VF)	510/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-3	AREA A ROOF	ART 215	195C17D (VF)	620/2250	5.4	0.25	EC	1725	1/4	115	1	60	1, 2
F-4	AREA A ROOF	MATH 207, ENGLISH 209	180C17D (VF)	485/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-5	AREA A ROOF	MATH 201, ENGLIGH 200 MATH 216	180C17D (VF)	480/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-6	AREA A ROOF	SCIENCE 214	180C17D (VF)	385/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-7	AREA A ROOF	SCIENCE 212	180C17D (VF)	385/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-8	AREA A ROOF	SCIENCE 210	180C17D (VF)	355/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-9	AREA A ROOF	STUDY 208	180C17D (VF)	505/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-10	AREA A ROOF	AREA A FIRST FLOOR CLASSROOMS	270C11D	4510/14000	10	0.5	VFD	1140	7-1/2	460	3	60	1, 2
F-11	AREA F ROOF	SCIENCE 275	180C17D (VF)	555/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-12	AREA F ROOF	SCIENCE 273	180C17D (VF)	550/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-13	AREA F ROOF	SCIENCE 270	180C17D (VF)	635/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-14	AREA F ROOF	SCIENCE 268	180C17D (VF)	575/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-15	AREA F ROOF	READING LAB 267	180C17D (VF)	385/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-16	AREA F ROOF	MATH 277	180C17D (VF)	400/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-17	AREA F ROOF	SCIENCE 272	197C17D (VF)	730/2250	5.4	0.25	EC	1725	1/4	115	1	60	1, 2
F-18	AREA F ROOF	MATH 274, 276	195C17D (VF)	655/2000	4.5	0.25	EC	1725	1/6	115	1	60	1, 2
F-19	AREA E ROOF	3D-ART 264	180C17D (VF)	575/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-20	AREA E ROOF	2D-ART 261	180C17D (VF)	400/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-21	AREA E ROOF	CLASSROOM 260	180C17D (VF)	575/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-22	AREA D ROOF	CLASSROOM 174, INSTRUMENT AND MUSIC STORAGE 175A	195C17D (VF)	590/2000	4.5	0.25	EC	1725	1/6	115	1	60	1, 2
F-23	AREA D ROOF	GENERAL MUSIC 175B	180C17D (VF)	320/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-24	AREA E ROOF	SOCIAL STUDIES 170	180C17D (VF)	400/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-25	AREA E ROOF	SOCIAL STUDIES 169	180C17D (VF)	390/1250	2.9	0.25	EC	1725	1/8	115	1	60	1, 2
F-26	AREA F ROOF	AREA F FIRST FLOOR CLASSROOMS	270C11D	4680/14500	10	0.5	VFD	1140	7-1/2	460	3	60	1, 2
F-27	AREA B ROOF	HEALTH 120	180C17D (VF)	450/1500	3.7	0.25	EC	1725	1/8	115	1	60	1, 2
F-28	AREA E ROOF	AREA E FIRST FLOOR CLASSROOMS	210C17D (VF2)	1675/4500	10.8	0.25	EC	1725	1-1/2	208	1	60	1, 2
F-29	AREA C 2ND FLR. MEZZ.	GYM STO. 134.1	90SQN12D	510	6.7	0.14	DIRECT	1526	1/6	115	1	60	1
F-30	AREA B ROOF	TOILET ROOM 181, 181.1, 184.3	120C17D (VF)	500	2.8	0.25	EC	1725	1/8	115	1	60	1,2
F-32	AREA A ROOF	123.2 MAKER SPACE	90C17DH (VF)	400	2.9	0.25	EC	1293	1/8	115	1	60	1, 2
F-33	AREA A ROOF	123.2 MAKER SPACE	90C17DH (VF)	400	2.9	0.25	EC	1293	1/8	115	1	60	1, 2

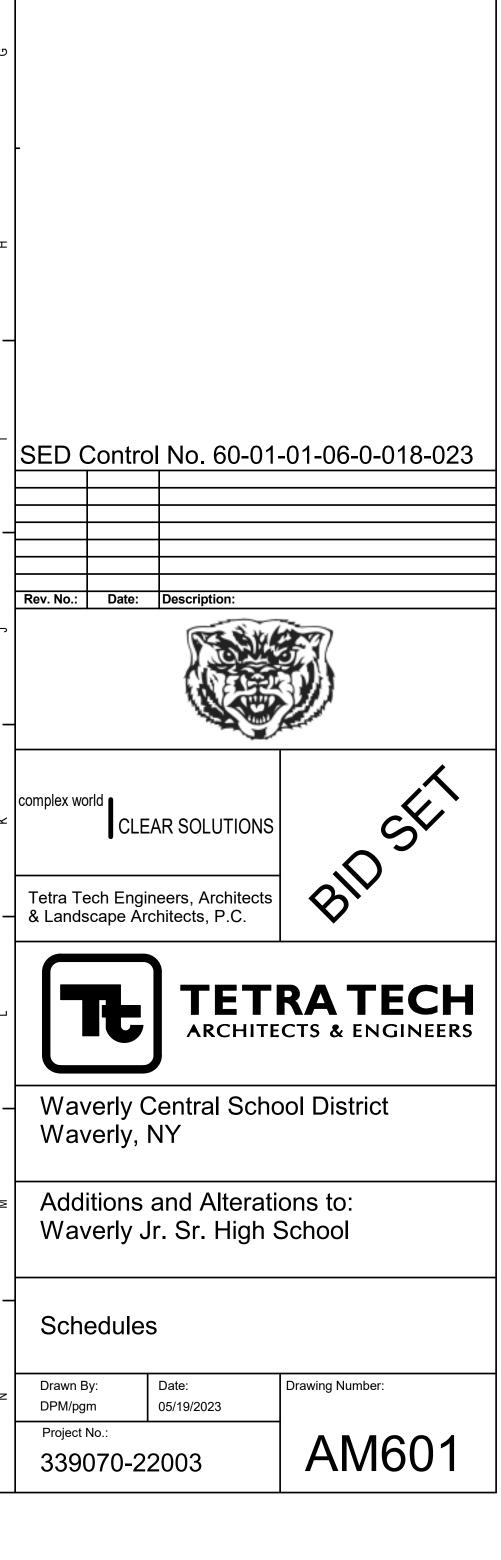
DWG											
LABEL	SERVES	MANUFACTURER	MODEL	LENGTH (IN)	HEIGHT (IN)	DEPTH (IN)	FREE AREA (S.F.)	AIRFLOW (CFM)	VELOCITY (FPM)	MAX APD (IN WG)	NOTE
L-1	AHU-6(E)	RUSKIN	ELF6375DXH	60	36	6	7.8	5000	792	0.10	1
L-2	AHU-4(E)	RUSKIN	ELF6375DXH	60	36	6	7.8	5000	792	0.10	1
L-3	AHU-8(E)	RUSKIN	ELF6375DXH	36	18	6	2.1	1500	714	0.08	1
L-4	F-29	RUSKIN	ELF6375DXH	18	12	6	0.6	510	850	0.11	1
L-5	AHU-5(E)	RUSKIN	ELF6375DXH	54	36	6	7.5	6250	833	0.11	1
L-6	AHU-5(E)	RUSKIN	ELF6375DXH	54	36	6	7.5	6250	833	0.11	1
L-7	FCU-1	RUSKIN	ELF15J	12	12	1.5	50	60	165	0.01	1

DWG LABEL	SERVES	DESIGN MFR.	MODEL	AIRFLOW (CFM)	DUCT SIZE HXW	THROAT VELOCITY (FPM)	PRESSURE DROP (IN WG)	HOOD WEIGHT	NOTES
RTH-1	AHU-7(E)	LOREN COOK	GI	3815	30X30	610	.06	145	2,3
RTH-2	WELLNESS CTR.	LOREN COOK	GR	5000	40X40	450	.07	215	1,2
RTH-3	WELLNESS CTR.	LOREN COOK	GR	5000	40X40	450	.07	215	1,2
RTH-4	123B WORKSHOP	LOREN COOK	GR	2000	20X20	720	.07	117	1,2
RTH-5	FCU-1	LOREN COOK	GR	60	12X12	55	.01	87	1,2
2. PROVIE	DE WITH CURB-	ACTURER'S 12" MOUNTED DAMF ACTURER'S 24"	PER TRAY.						

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	REHEAT COIL (RHC) SCHEDULE														
		FIN	FIN	FACE		AI	RSIDE DA	TA		V	VATER	SIDE DAT	A		
DWG		HEIGHT	WIDTH	VELOCITY		AIRFLOW		EAT	LAT	EWT	LWT	FLOW	WPD		
LABEL	LOCATION	(IN)	(IN)	(FPM)	NO. ROWS	(CFM)	APD (IN)	(F)	(F)	(F)	(F)	(GPM)	(FT)	NOTES	
RHC-1	WEIGHT ROOM 195	23	22	679	2	2385	0.3	47	95	180	140	6.28	6.58	1,2	
RHC-2	TEAM ROOM 157	21	12	742	2	1345	0.4	47	95	180	140	3.57	6.98	1,2	
RHC-3	AUXILARY GYMNASIUM 118	21	20	788	2	2300	0.4	47	95	180	140	6.37	6.35	1,2	
NOTES			·												

1. DESIGN BASIS: DIRECT COIL: SERIES 5W 2. HTG. BASED ON 180° EWT, 140° LWT, 25% ETHYLENE GLYCOL)



Drawn By:
DPM/pgm
Project No.:

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BUILDIN	G/EQU	IPMENT V	ENTILATION C	ALCULA	ATIONS										
			ZONE ID				MINIMUM V	ENTILA	TION RATE:	3			_	DESI	GN
EQUIPMENT NUMBER	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/ Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	ΕZ	Voz (CFM)	Vpz (CFM)	Zp
	136.2	PE OFFICE	Office space	220	5	1	5	6	0.06	13	19	0.8	25	200	0.13
FCU-1	141	GREETER	Office space	80	5	1	5	5	0.06	5	10	0.8	10	100	0.10
PCO-1	142	ATHLETIC DIR.	Office space	185	5	1	5	5	0.06	11	16	0.8	20	185	0.1
	143					1	5	3	0.06	7	10	0.8	10	115	0.0

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Rp = PEOPLE OUTDOOR AIR RATE, Ra = AREA OUTDOOR AIR RATE, Vbz = BREATHING ZONE OUTDOOR AIRFLOW, Ez = AIR DISTRIBUTION CONFIGURATION, Voz = ZONE OUTDOOR AIRFLOW Vpz = ZONE PRIMARY AIRFLOW, Zpz = PRIMARY OUTDOOR AIR FRACTION, Vps = SYSTEM PRIMARY AIRFLOW, Vot = OUTDOOR AIR INTAKE FLOW, Vou = UNCORRECTED OUTDOOR AIR INTAKE, D = OCCUPANT DIVERSITY, Ev = SYSTEM VENTILATION EFFICIENCY

SYSTEM VALUES AHU-X

(CORRECTE

			ZONEID		MINIMUM VENTILATION RATES										
Equipment Number	ROOM NUMBER				Pz - ZONE OCCU. #/1000 FT	ZONE	Rp (CFM/ Person)	D-D	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM		
ERV-1	136.3	OFFICE	OFFICE SPACES	108	5	1	5	3	0.06	6	9	0.8	15		
ERV-2	182	BOYS LOCKER ROOM	SPORTS LOCKER ROOMS	524	0	0	0	0	0.5	262	262	1	265		
ERV-2	183	TEAM ROOM	SPORTS LOCKER ROOMS	484	0	0	0	0	0.5	242	242	1	245		
ERV-2	183.1	TEAM ROOM	SPORTS LOCKER ROOMS	618	0	0	0	0	0.5	309	309	1	310		
ERV-2	184	TEAM ROOM	SPORTS LOCKER ROOMS	437	0	0	0	0	0.5	219	219	1	220		
ERV-2	184.1	TEAM ROOM	SPORTS LOCKER ROOMS	627	0	0	0	0	0.5	314	314	1	315		
ERV-1	185	GIRLS LOCKER ROOM	SPORTS LOCKER ROOMS	425	0	0	0	0	0.5	213	213	1	215		
ERV-1	195	WEIGHT ROOM	HEALTH CLUB/WEIGHT ROOM	3486	10	35	20	697	0.06	209	906	0.8	1135		
ERV-1	196	TRAINING	HEALTH CLUB/WEIGHT ROOM	282	10	3	20	56	0.06	17	73	0.8	95		
NOTES:															
Rp = PEOPLE O	UTDOOR AI	R RATE, Ra = AREA OUTDOO)R AIR RATE, Vbz = BREATHING ZO	NE OUTDOOR AI	RFLOW,										

Vps	600	(UNCORRECTED OA) Vou	54
CORRECTED OA) Vot	55	D	1.00
OA%	9	Ev	0.96
ADDITIONAL OA%	2		

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		_	DING/EQUIPMENT V						ATION RATE					i
EQUIPMENT NUMBER	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/ Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM)	
UV-1	104	Spanish	Classrooms (age 9 plus)	778	35	27	10	272	0.12	93	366	0.9	405	1
UV-2	105	Teachers Lounge	Classrooms (age 9 plus)	394	35	14	10	138	0.12	47	185	0.9	205	1
UV-3	106	Spanish	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	1
UV-4	107	Test Center	Classrooms (age 9 plus)	641	35	22	10	224	0.12	77	301	0.9	335	1
UV-5	108	Special Education	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	1
UV-6 UV-7	109	Spanish	Classrooms (age 9 plus)	641	35 35	22	10	224	0.12	77	301	0.9	335	1
UV-7 UV-8	110 111	Spanish Special Education	Classrooms (age 9 plus)	771	35	27	10 10	270 270	0.12	93	362 362	0.9	405 405	1
UV-9	112	English	Classrooms (age 9 plus) Classrooms (age 9 plus)	771	35	27	10	270	0.12	93 93	362	0.9	405	1
UV-10	112	Study Hall	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	1
UV-11	114	Math (Classfooms (age 9 plus)	767	35	27	10	268	0.12	<i>,</i> 92	360	0.9	400	$ \land$
V-12 V	115 V	Social Studies	Classrooms (age 9 plus)	V 767 V	35		Y ₁₀	268	0.12	92	360	0.9	400	
AHU-4E, 6E	136	Wellness Center	Gym, sports arena (play area)	3994	7	28	20	559	0.18	719	1278	0.8	1600	して
AIIU-4E, 0E	130	Wellness Center	Spectator areas	1388	150	208	7.5	1562	0.06	83	1645	0.8	2055)
AHU-2E, 5E	136	Wellness Center	Gym, sports arena (play area)	7496	7	52	20	1049	0.18	1349	2399	0.8	3000	\sum
		Wellness Center	Spectator areas	2737	150	411	7.5	3079	0.06	164	3243	0.8	4055)
UV-13	150	H.S. Science	Science Laboratories		25	\mathcal{A}^{29}	10	292 409	0.18	210	502	0.9	560	\mathcal{I}
UV-14 UV-15		Home and Careers	Classrooms (age 9 plus)		35	<u>v1</u>	10		0.12		549_	0.9	610	1
UV-15 UV-17	152 155	A/V and Stor.	Classrooms (age 9 plus) Classrooms (age 9 plus)	967 753	35	<u>34</u> 26	10	338 264	0.12	116 90	454 354	0.9	505 395	1
UV-20	155	Teachers Room	Classrooms (age 9 plus)	400	35		10	264 140	0.12	90 48	188	0.9	210	1
UV-22	161	English	Classrooms (age 9 plus)	1015	35	36	10	355	0.12	122	477	0.9	530	1
UV-24	163	Social Studies	Classrooms (age 9 plus)	647	35	23	10	226	0.12	78	304	0.9	340	1
UV-26	165	English	Classrooms (age 9 plus)	766	35	27	10	268	0.12	92	360	0.9	400	1
UV-28	167	English	Classrooms (age 9 plus)	764	35	27	10	267	0.12	92	359	0.9	400	1
UV-29	169	Social Studies	Classrooms (age 9 plus)	760	35	27	10	266	0.12	91	357	0.9	395	1
UV-30	170	Social Studies	Classrooms (age 9 plus)	764	35	27	10	267	0.12	92	359	0.9	400	1
UV-31	174	Classroom	Classrooms (age 9 plus)	557	35	19	10	195	0.12	67	262	0.9	290	1
UV-32	175A	Music Storage	Classrooms (age 9 plus)	572	35	20	10	200	0.12	69	269	0.9	300	1
UV-33	175B	General Music	Music/theater/dance	700	35	25	10	245	0.06	42	287	0.9	320	1
UV-34 UV-35	209	English Study	Classrooms (age 9 plus)	768	35 35	27	10 10	269	0.12	92	361	0.9	400	1
UV-36	208 210	Science	Classrooms (age 9 plus) Science Laboratories	966 741	25	34 19	10	338 185	0.12	116 133	454 319	0.9	505 355	1
UV-37	210	Science	Science Laboratories	806	25	20	10	202	0.18	145	347	0.9	385	1
UV-38	212	Teachers Lounge	Classrooms (age 9 plus)	394	35	14	10	138	0.12	47	185	0.9	205	1
UV-39	214	Science	Science Laboratories	806	25	20	10	202	0.18	145	347	0.9	385	1
UV-40	215	Art	Art classroom	978	20	20	10	196	0.18	176	372	0.9	415	1
UV-41	216	Math	Classrooms (age 9 plus)	922	35	32	10	323	0.12	111	433	0.9	480	1
UV-42	217	English	Classrooms (age 9 plus)	978	35	34	10	342	0.12	117	460	0.9	510	1
UV-43	218	Social Studies	Classrooms (age 9 plus)	608	35	21	10	213	0.12	73	286	0.9	320	1
UV-44	219	Math Lab	Classrooms (age 9 plus)	605	35	21	10	212	0.12	73	284	0.9	315	1
UV-45 UV-46	260	Classroom 2D - Art	Classrooms (age 9 plus)	976	35 20	34	10 10	342	0.12	117	459	0.9	510	1
UV-46 UV-47	261 264	3D - Art	Art classroom Art classroom	807 866	20	16 17	10	161 173	0.18	145 156	307 329	0.9	340 365	1
UV-48	264	Reading Lab	Classrooms (age 9 plus)	740	35	26	10	259	0.10	89	329	0.9	305	1
UV-49	268	Science	Science Laboratories	1207	25	30	10	302	0.12	217	519	0.9	575	1
UV-50	270	Science	Science Laboratories	1332	25	33	10	333	0.18	240	573	0.9	635	1
UV-51	271	Teachers Lounge	Classrooms (age 9 plus)	400	35	14	10	140	0.12	48	188	0.9	210	1
UV-52	272	Science	Science Laboratories	1086	25	27	10	272	0.18	195	467	0.9	520	1
UV-53	273	Science	Science Laboratories	1151	25	29	10	288	0.18	207	495	0.9	550	1
UV-54	274	Math	Classrooms (age 9 plus)	615	35	22	10	215	0.12	74	289	0.9	320	1
UV-55	275	Science	Science Laboratories	1166	25	29	10	292	0.18	210	501	0.9	555	1
UV-56	276	Math	Classrooms (age 9 plus)	637	35	22	10	223	0.12	76	299	0.9	335	1
UV-57 UV-58	277	Math	Classrooms (age 9 plus)	764	35	27	10 10	267	0.12	92	359	0.9	400	1
UV-58 UV-59	120	Health Math	Classrooms (age 9 plus)	866	35 35	30	10	303	0.12	104	407	0.9	450	1
ERV-3	207	Aux Gym	Classrooms (age 9 plus) Gym, stadium, arena (play area)	867	35 7	30	20	303	0.12	104	407	0.9	455	1
NOTES:	118			2390	1	17	20	335	0.10	430	765	0.8	955	I

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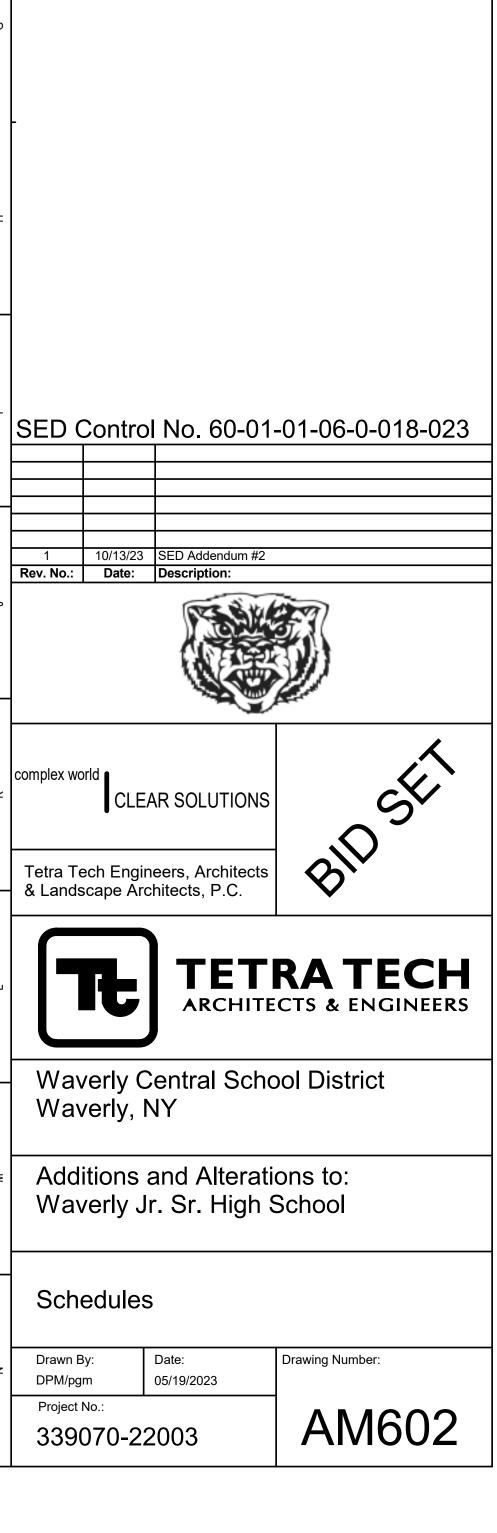
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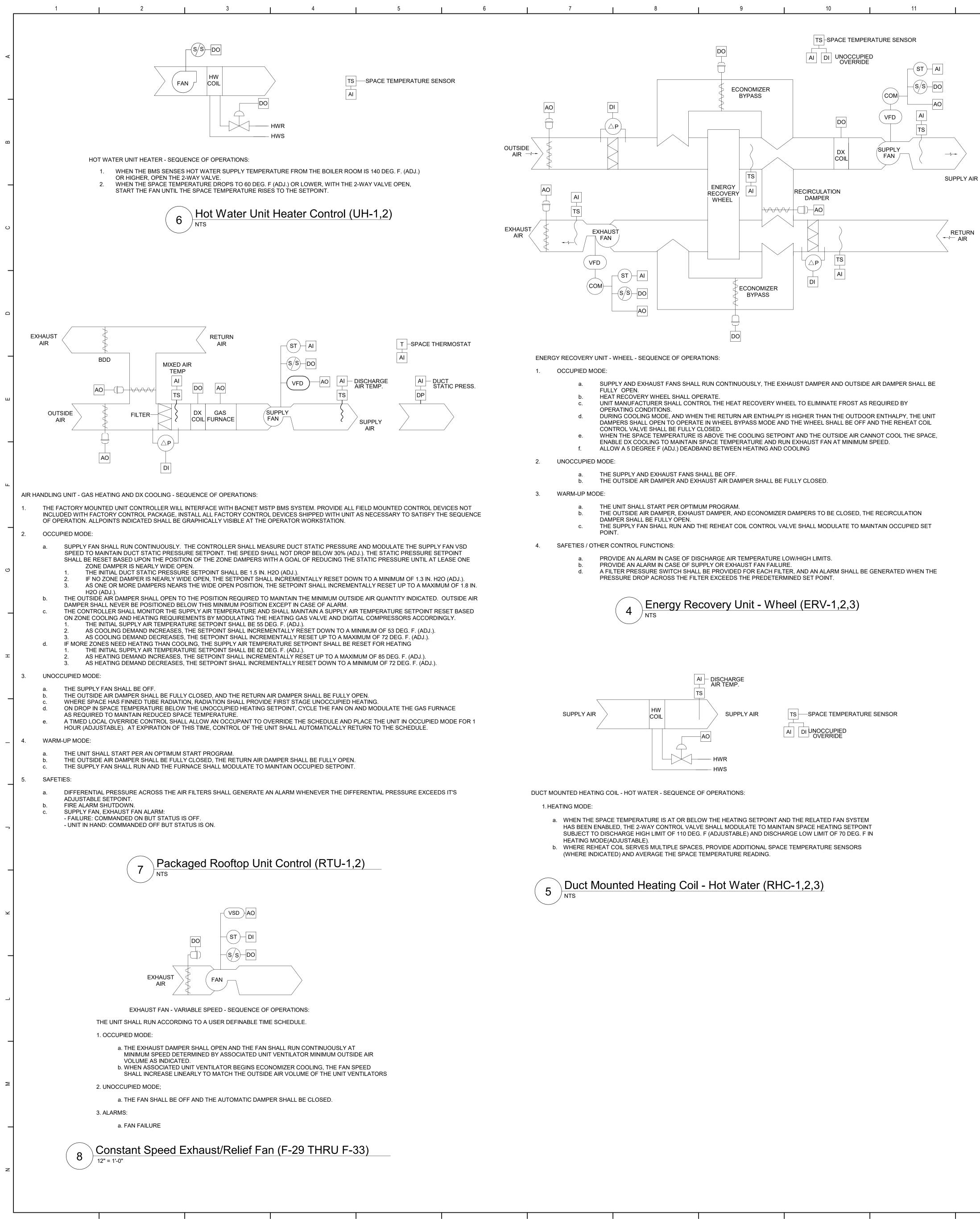
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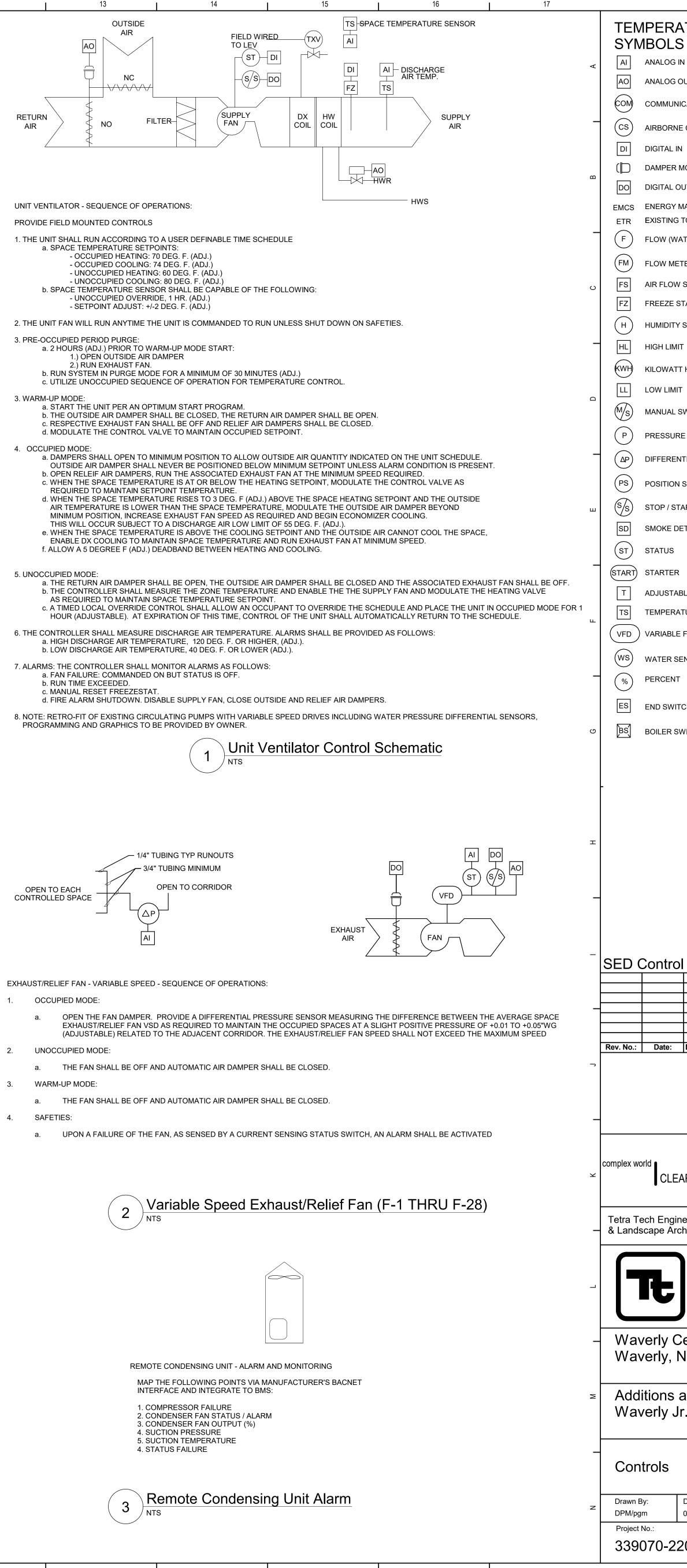
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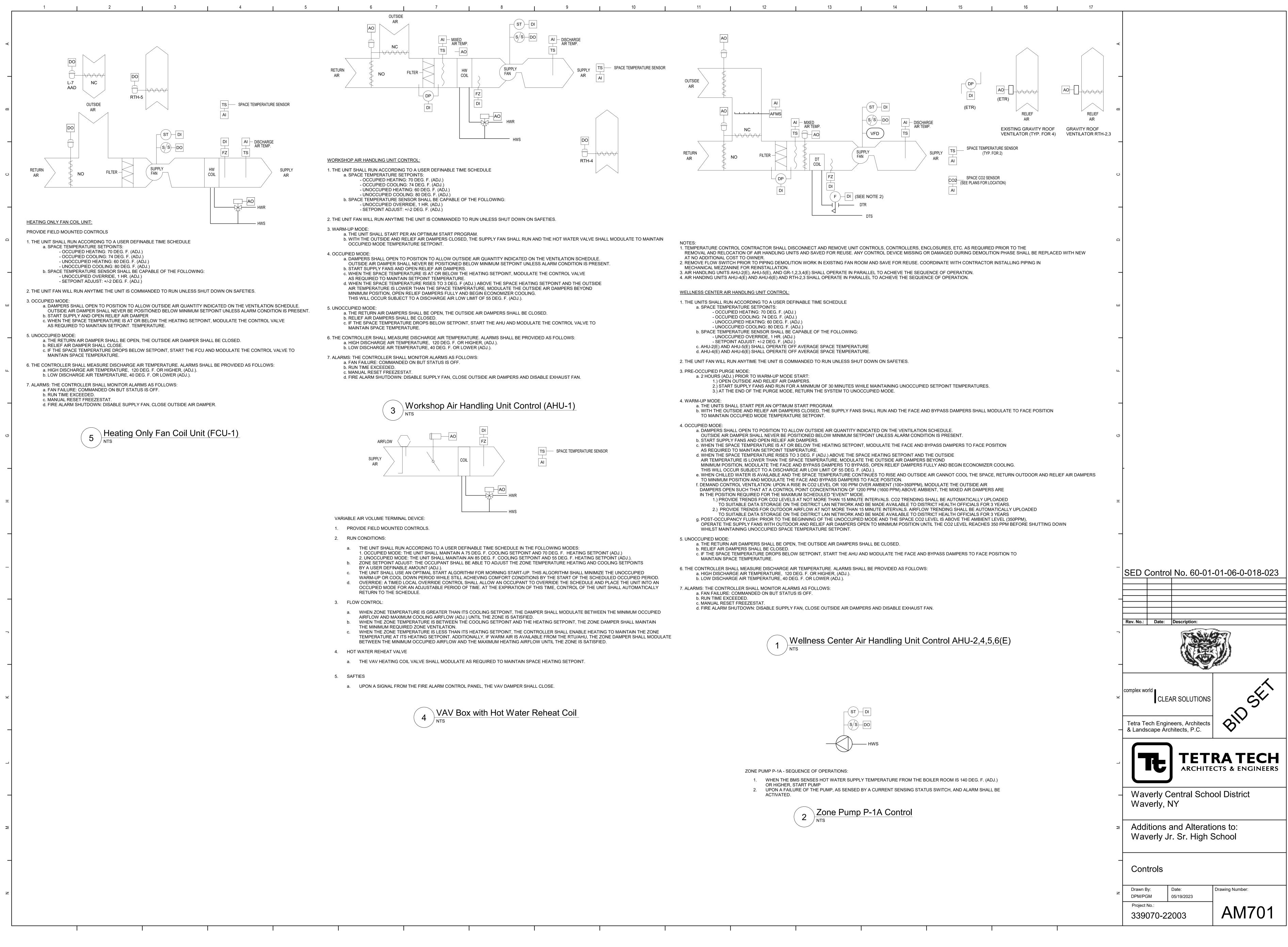
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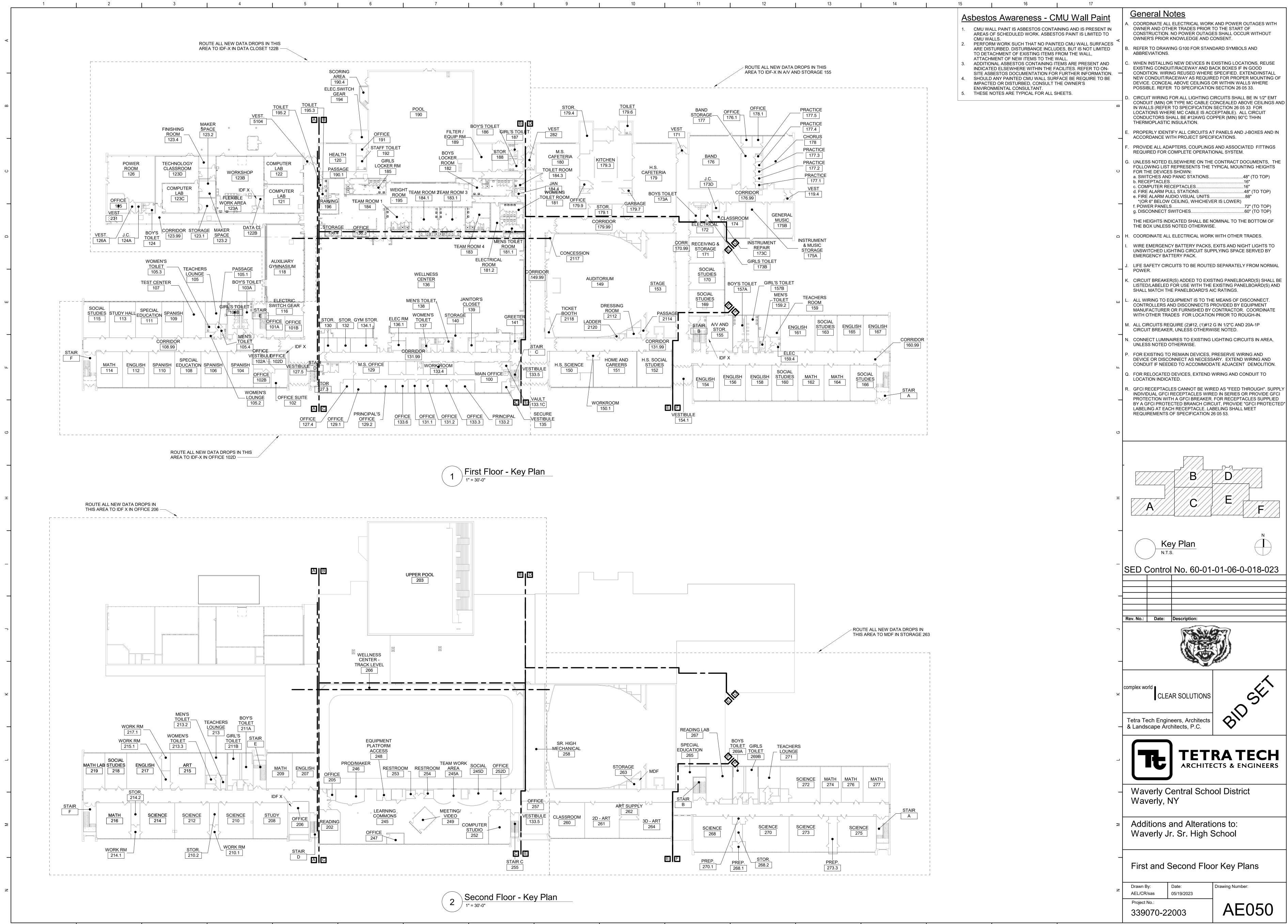






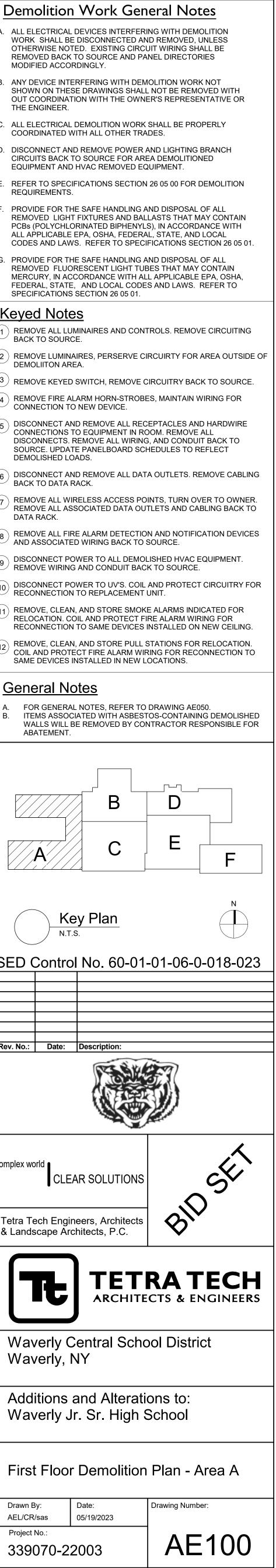
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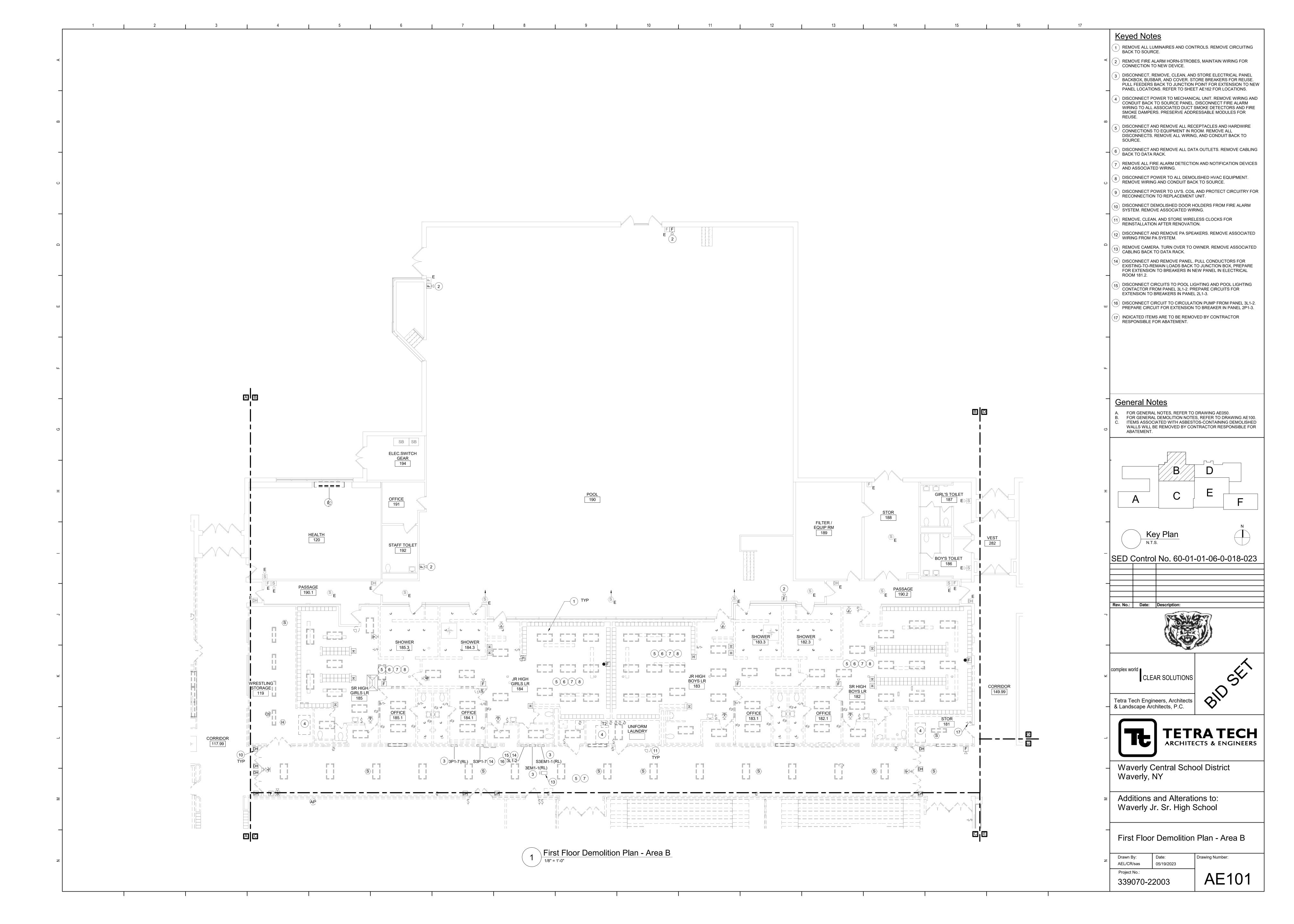


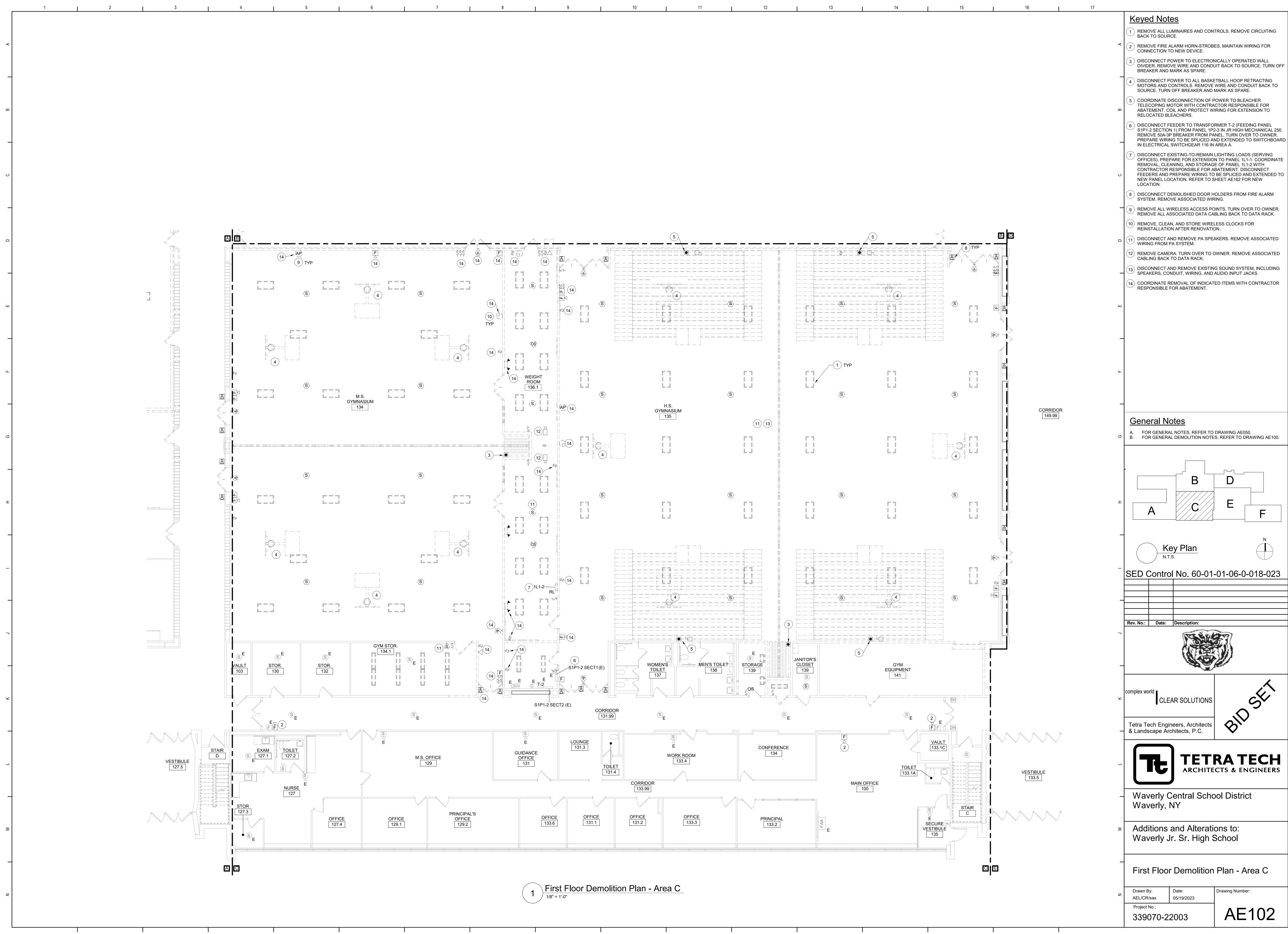


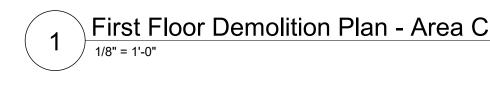


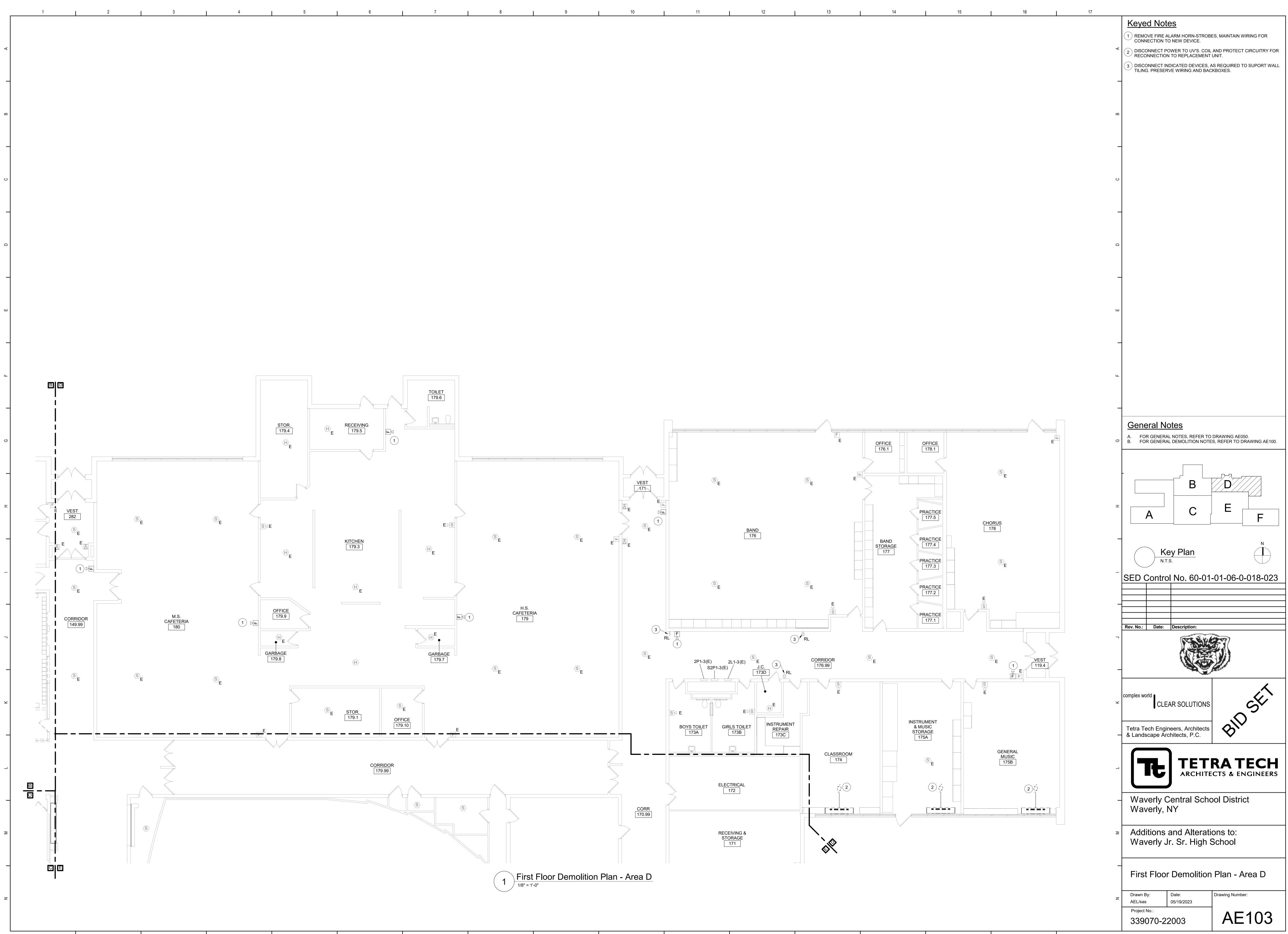
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eyed Notes (continued)		Demolition W
DISCONNECT OPTICAL FIBER FEEDING IDF X FROM MDF. COIL AND PRESERVE FOR EXTENSION AND RECONNECTION TO NEW IDF LOCATION. DISCONNECT CABLING FOR EXISTING-TO-REMAIN POINTS. COORDINATE STORAGE OF IDF RACK AND ASSOCIATED SWITCHES WITH OWNER.		A. ALL ELECTRICAL DEVIC WORK SHALL BE DISC OTHERWISE NOTED. E REMOVED BACK TO SC MODIFIED ACCORDING
UNPLUG AND STORE CORD REELS FOR REINSTALLATION AFTER RENOVATION. REMOVE, CLEAN, AND STORE WIRELESS CLOCKS FOR REINSTALLATION AFTER RENOVATION.	_	B. ANY DEVICE INTERFEF SHOWN ON THESE DR OUT COORDINATION V THE ENGINEER.
COORDINATE DISCONNECTION AND REMOVAL OF PA SPEAKERS WITH CONTRACTOR RESONSIBLE FOR ABATEMENT. REMOVE		C. ALL ELECTRICAL DEMO COORDINATED WITH A
ASSOCIATED WIRING FROM PA SYSTEM. REMOVE, CLEAN, AND STORE CAMERA. PROTECT CABLING FOR RECONNECTION TO REINSTALLED CAMERA.	В	 D. DISCONNECT AND REAL CIRCUITS BACK TO SO EQUIPMENT AND HVACE. REFER TO SPECIFICATE
DISCONNECT POWER TO DUST COLLECTOR. REMOVE WIRING BACK TO SOURCE. DISCONNECT AND REMOVE POWER AND FIRE ALARM CONNECTIONS TO FIRE SURPRESSION SYSTEM. REMOVE ALL	_	 F. PROVIDE FOR THE SAI REMOVED LIGHT FIXT PCBs (POLYCHLORINA
ASSOCIATED WIRING BACK TO SOURCE. COORDINATE DISCONNECTION, REMOVAL, CLEANING, AND STORAGE OF ELECTRICAL PANEL BACKBOX, BUSBAR, AND COVER AND ASSOCIATED CONTACTOR WITH CONTRACTOR		ALL APPLICABLE EPA, CODES AND LAWS. RE G. PROVIDE FOR THE SAI REMOVED FLUORESC
RESPONSIBLE FOR ABATEMENT. STORE BREAKERS FOR REUSE. PULL FEEDERS BACK TO JUNCTION POINT FOR EXTENSION TO NEW PANEL LOCATIONS. REFER TO SHEET AE160 FOR NEW LOCATIONS.	С	MERCURY, IN ACCORE FEDERAL, STATE, ANI SPECIFICATIONS SECT Keyed Notes
COORDINATE DISCONNECTION, REMOVAL, CLEANING, AND STORAGE OF ELECTRICAL PANEL BACKBOX, BUSBAR, AND COVER WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT. STORE BREAKERS FOR REUSE. PULL FEEDERS BACK TO JUNCTION POINT FOR EXTENSION TO NEW PANEL LOCATIONS.	_	 REMOVE ALL LUMINAI BACK TO SOURCE. REMOVE LUMINAIRES
REFER TO SHEET AE160 FOR NEW LOCATIONS. COORDINATE REMOVAL OF INDICATED ITEMS WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT.		DEMOLIITON AREA.
COORDINATE DISCONNECTION AND RELOCATION OF SERVICE CONDUCTORS, FEEDERS, AND/OR BRANCH CIRCUITS WHICH	D	4 REMOVE FIRE ALARM CONNECTION TO NEW
INTERFERE WITH PLACEMENT OF SECONDARY STORM PIPING. COORDINATE ALL WORK WITH PLUMBING CONTRACTOR. COORDINATE ALL WORK IN PANELS 3P1-4 AND 3L1-1 WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT.	_	5 DISCONNECT AND RE CONNECTIONS TO EQ DISCONNECTS. REMO SOURCE. UPDATE PAI DEMOLISHED LOADS.
		6 DISCONNECT AND RE BACK TO DATA RACK.
	ш	7 REMOVE ALL WIRELES REMOVE ALL ASSOCI DATA RACK.
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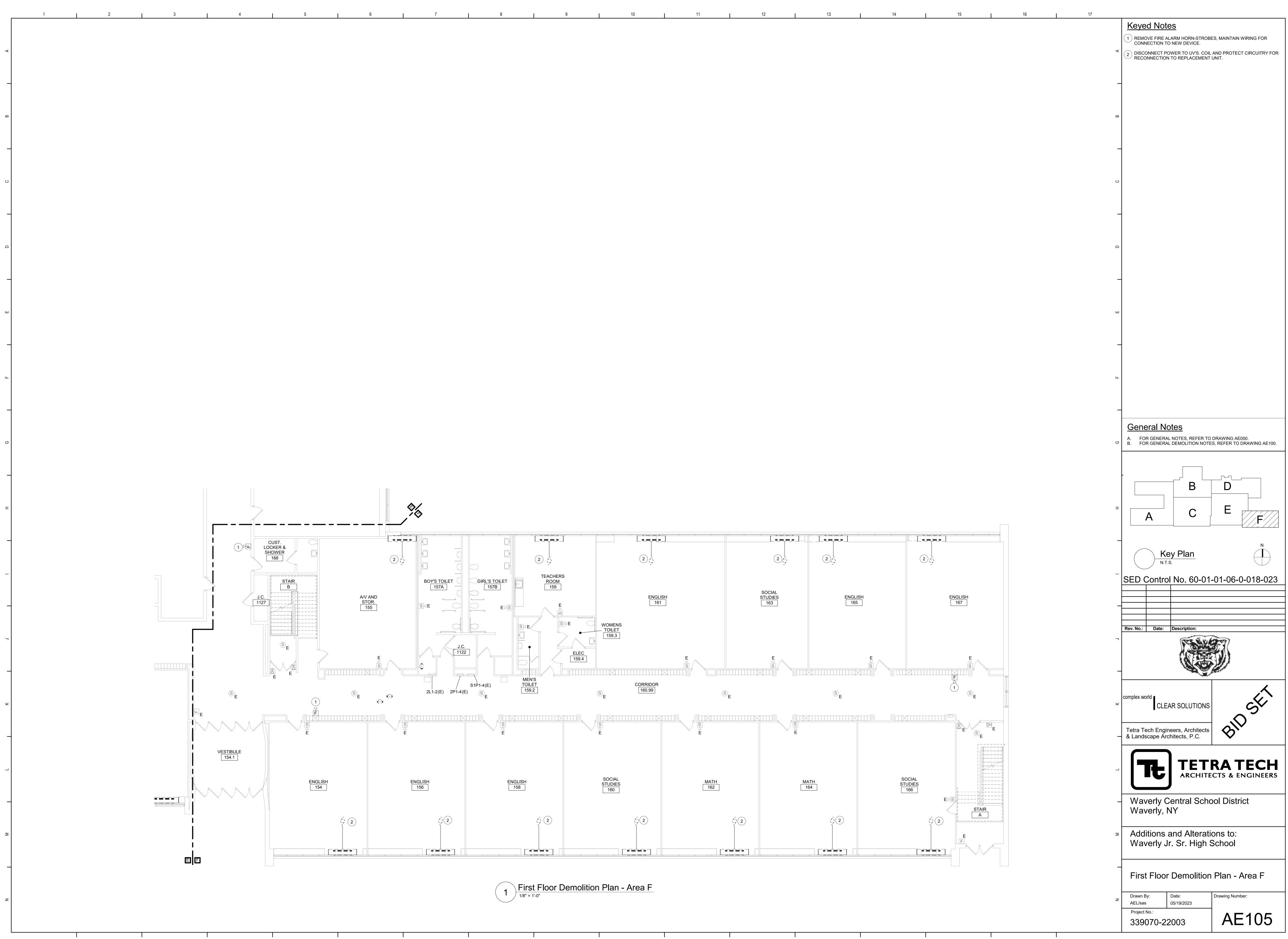


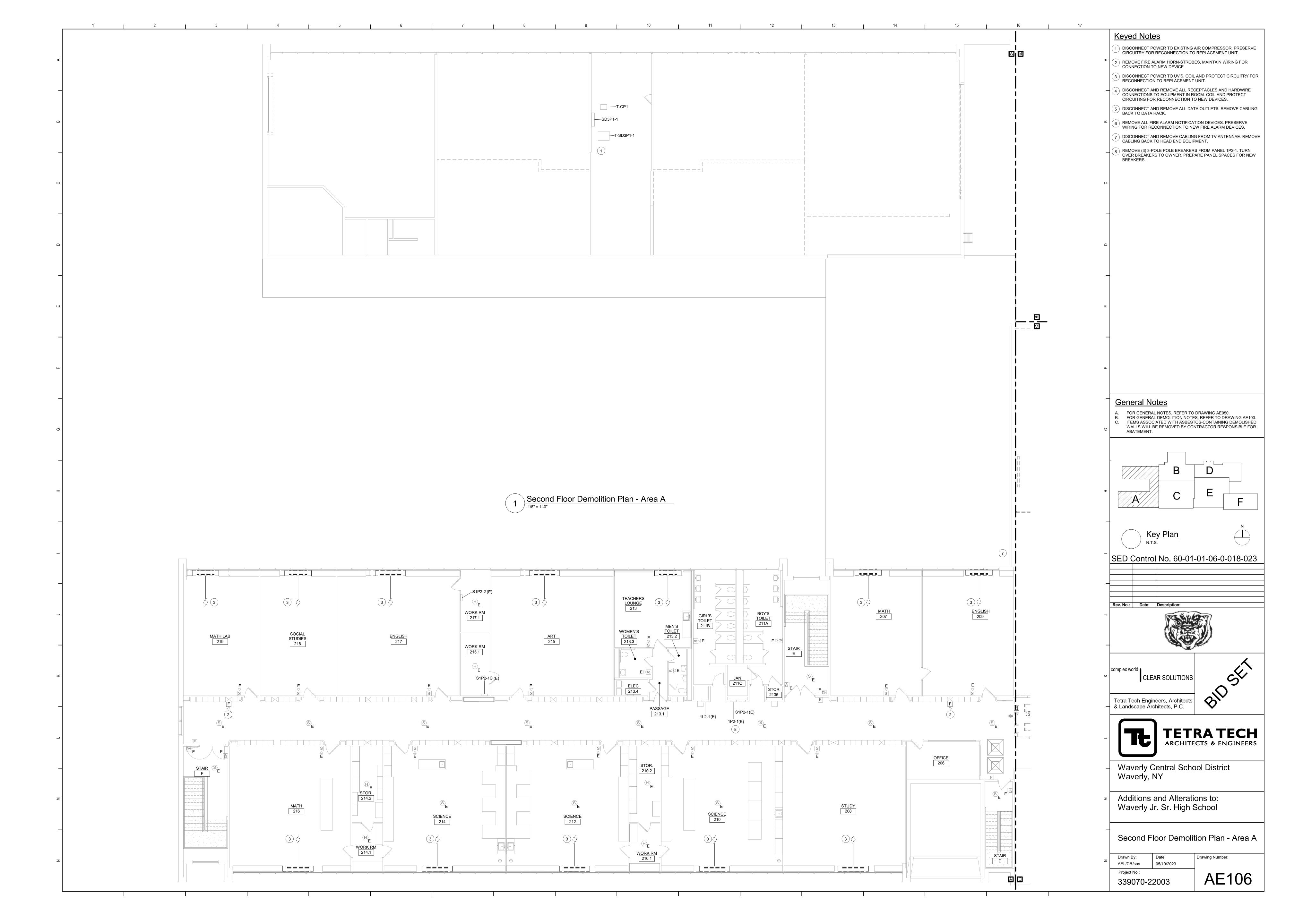


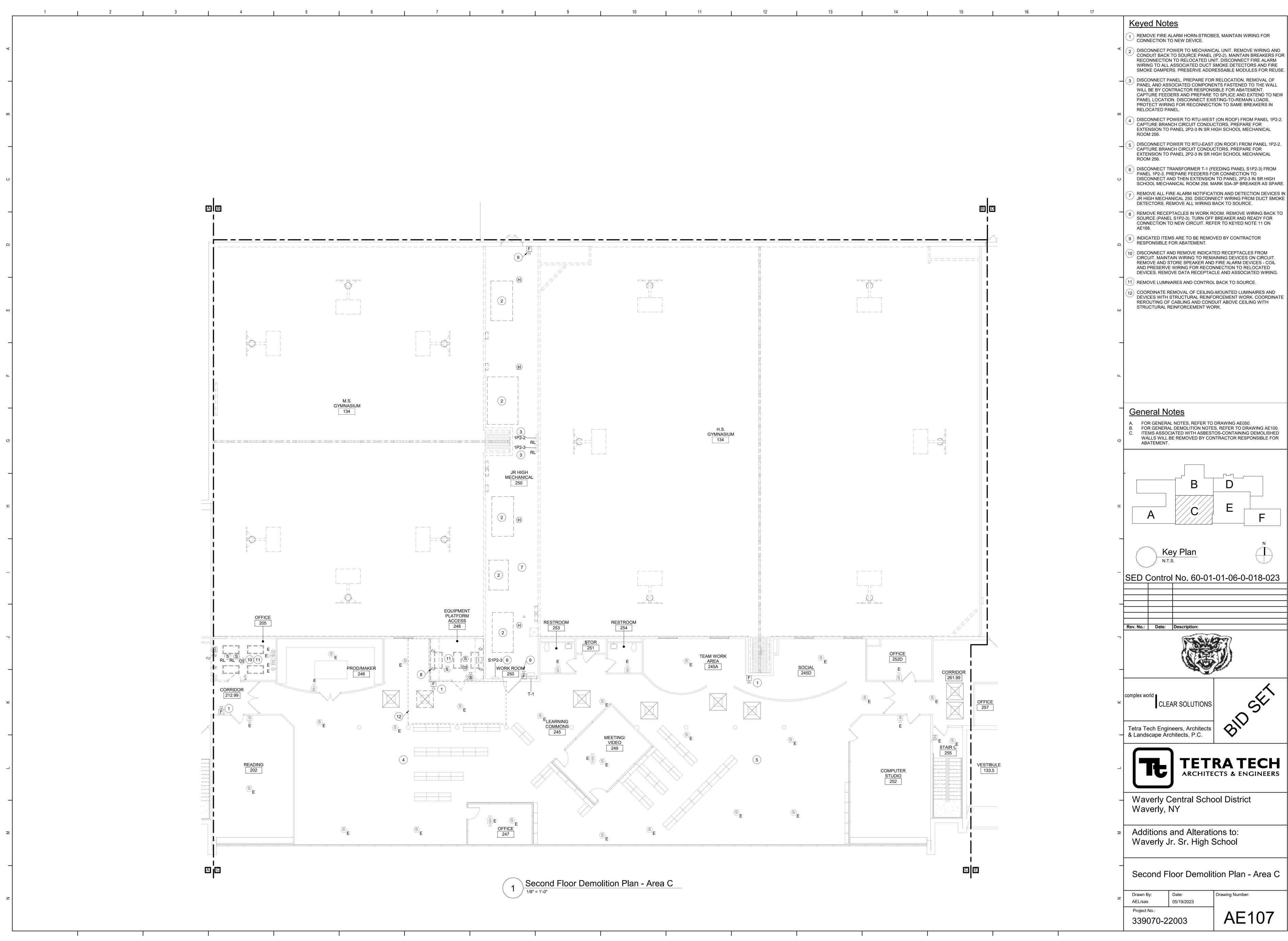




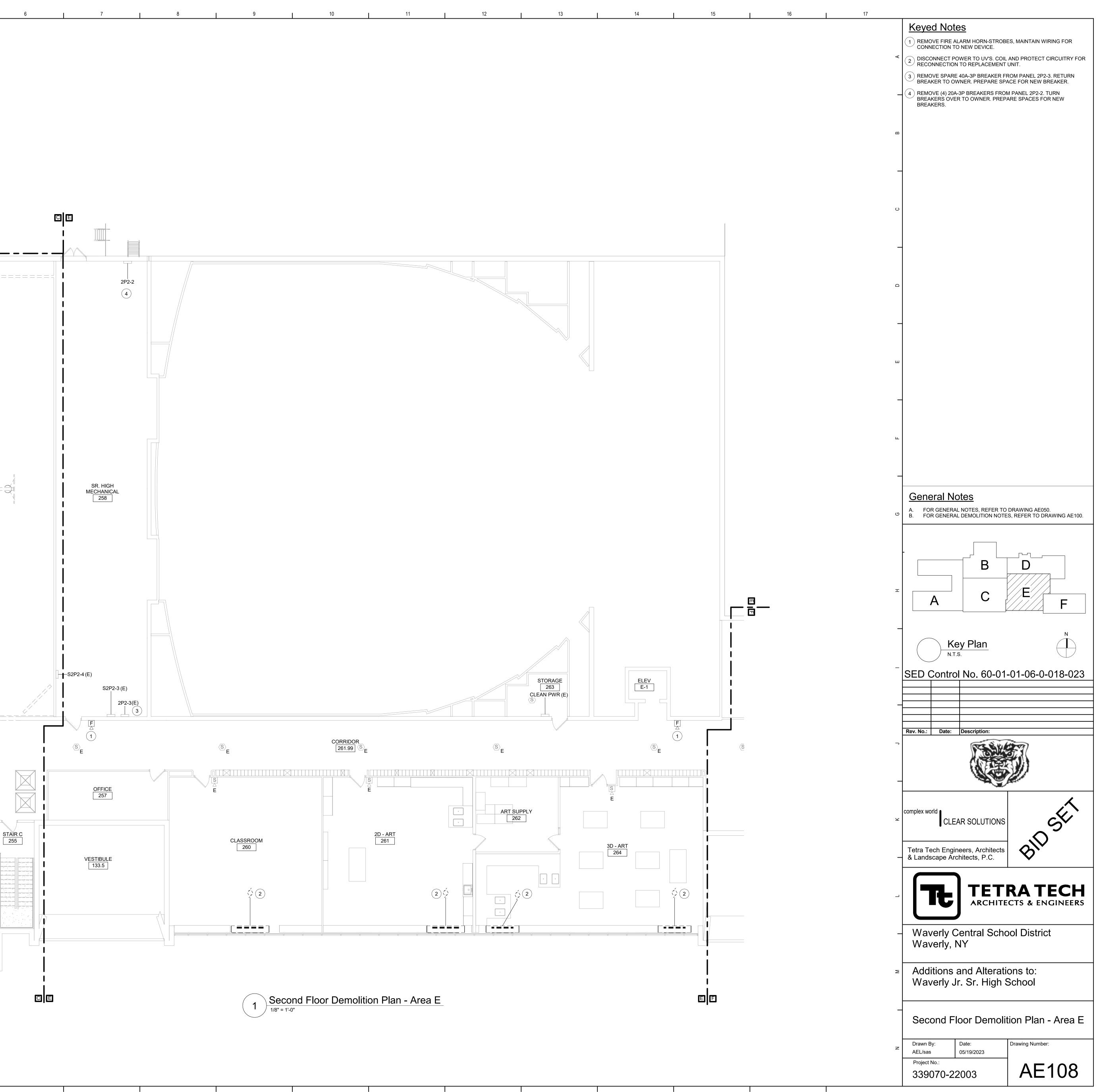


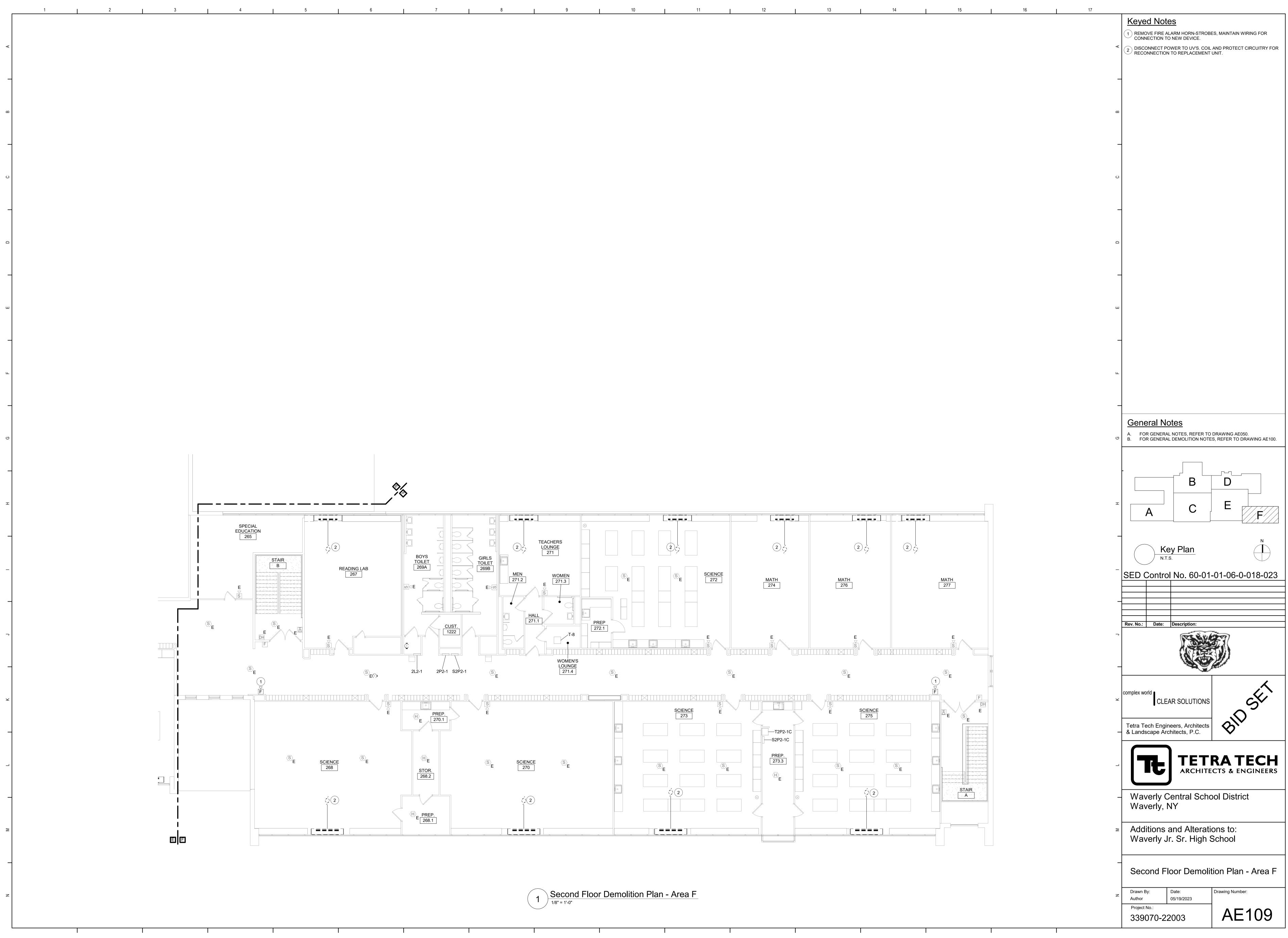




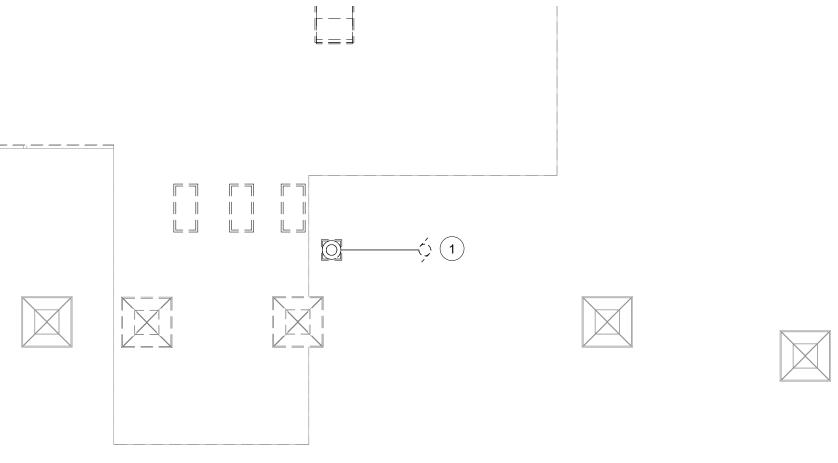


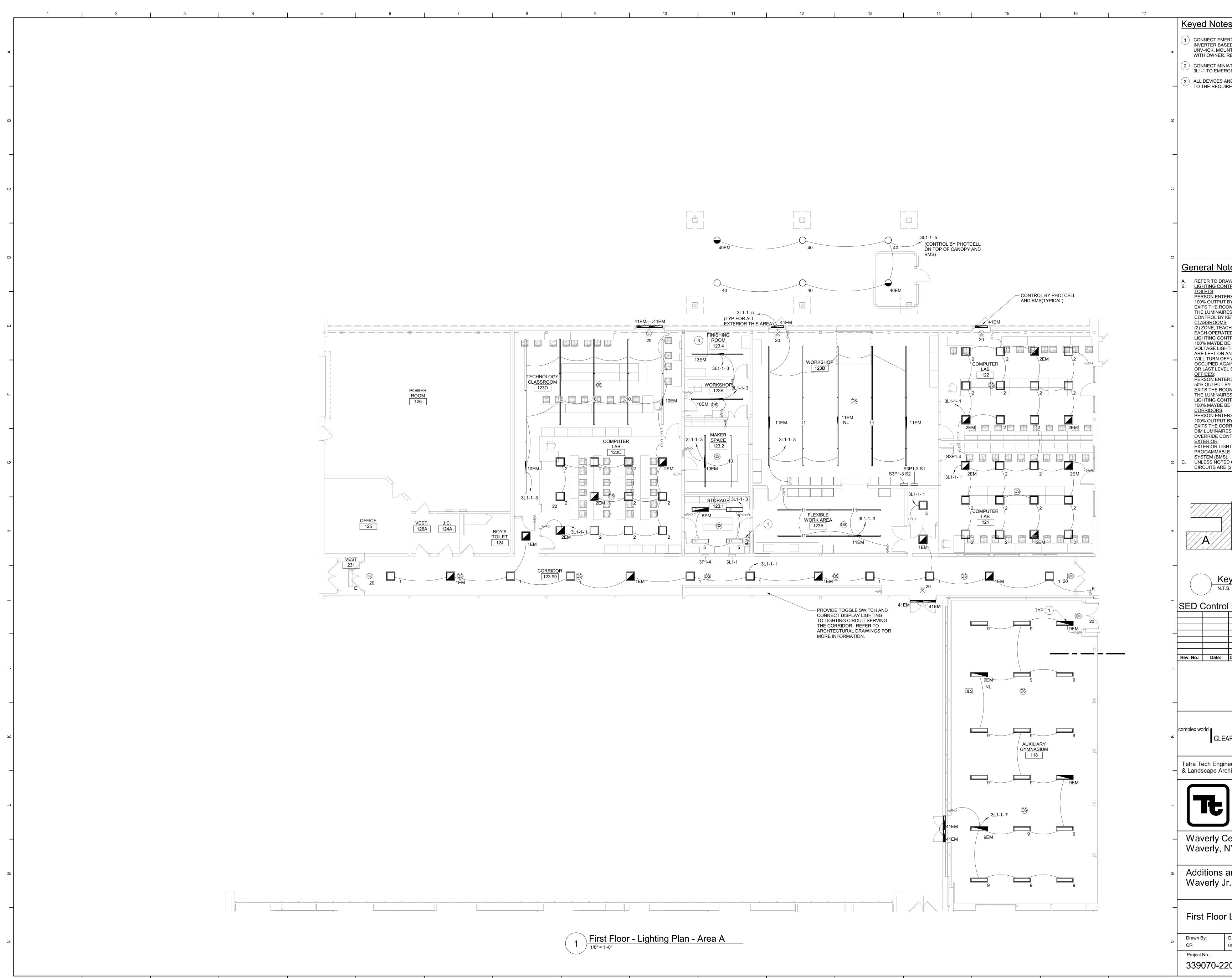
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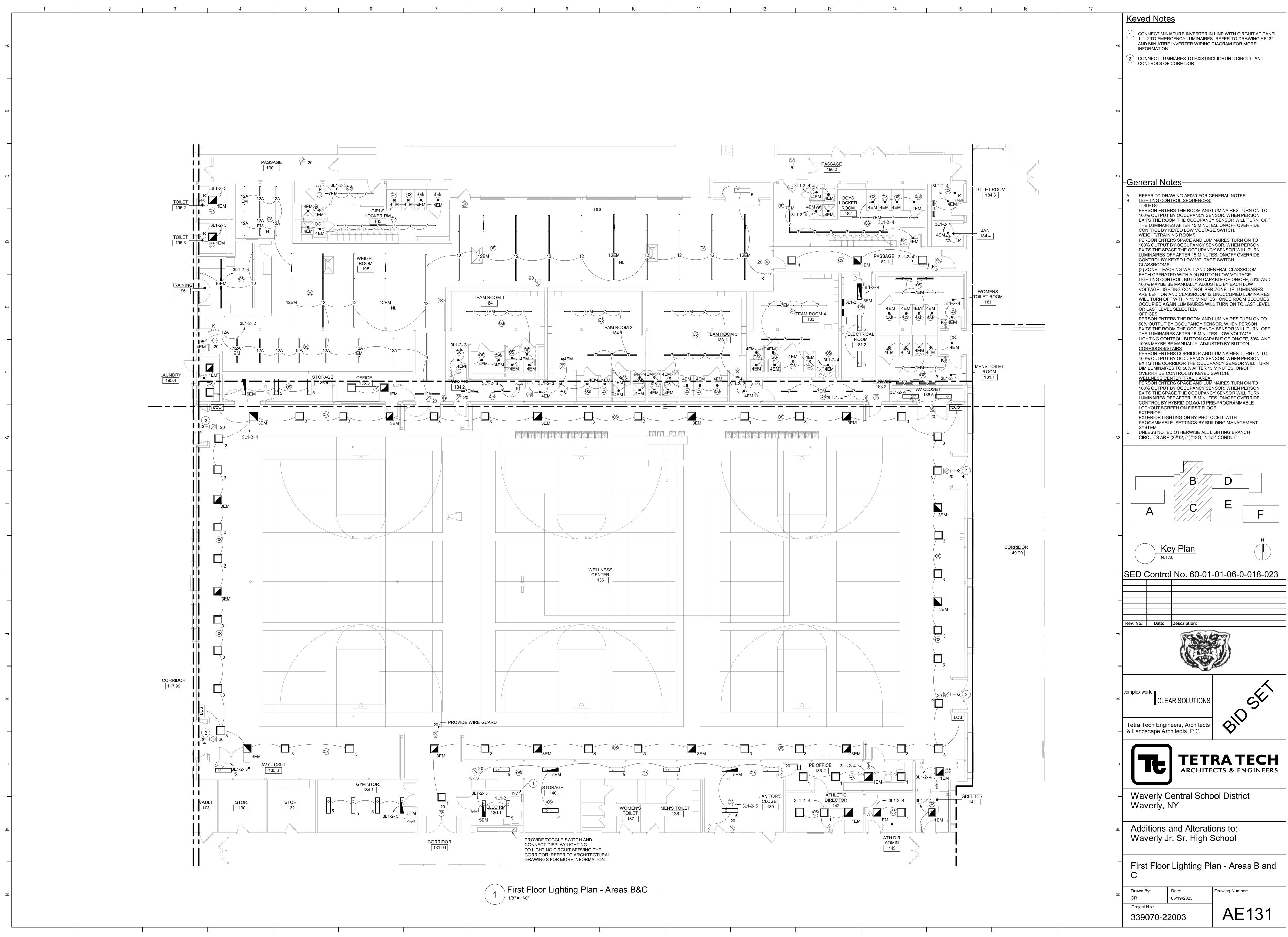


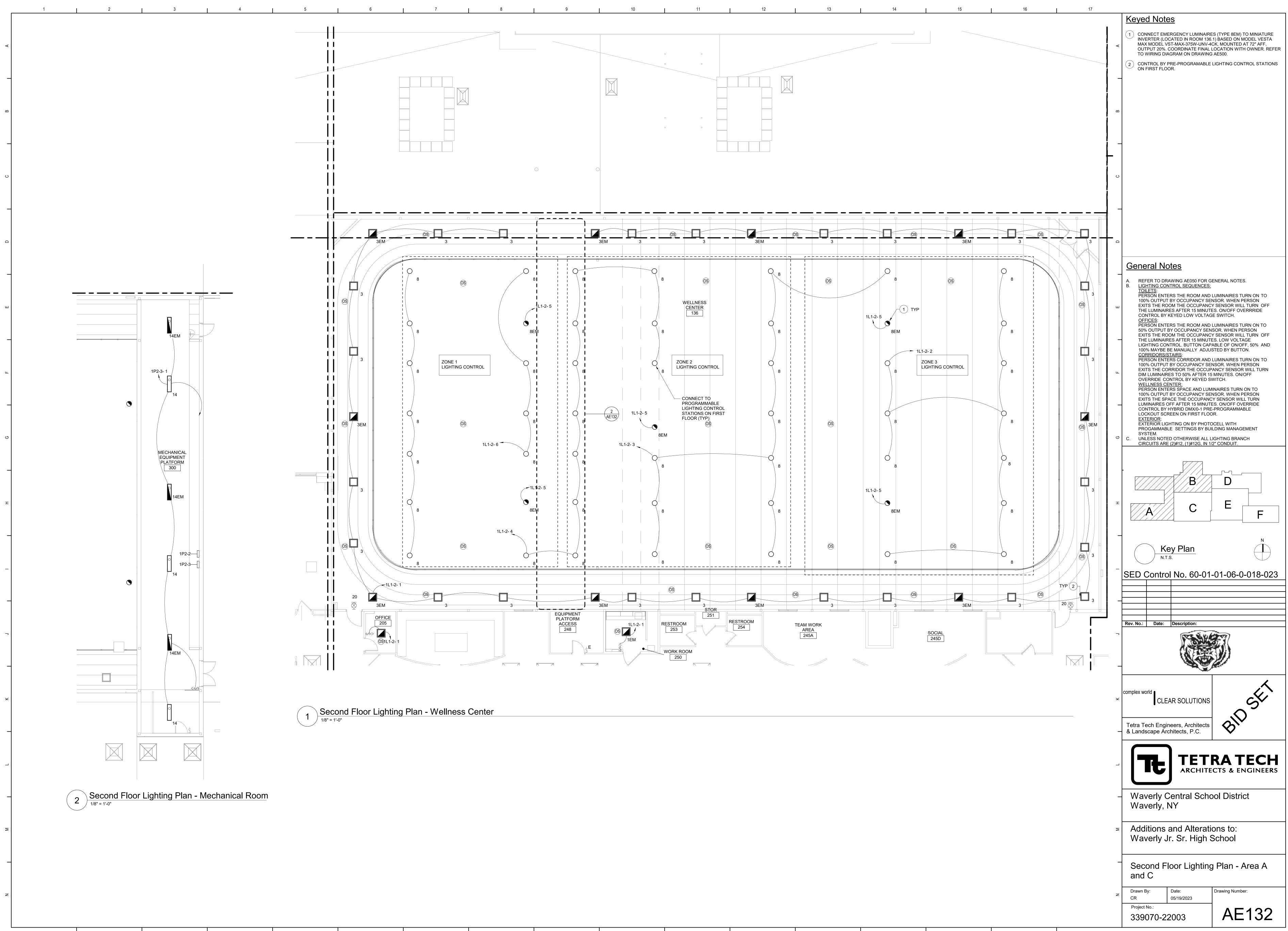


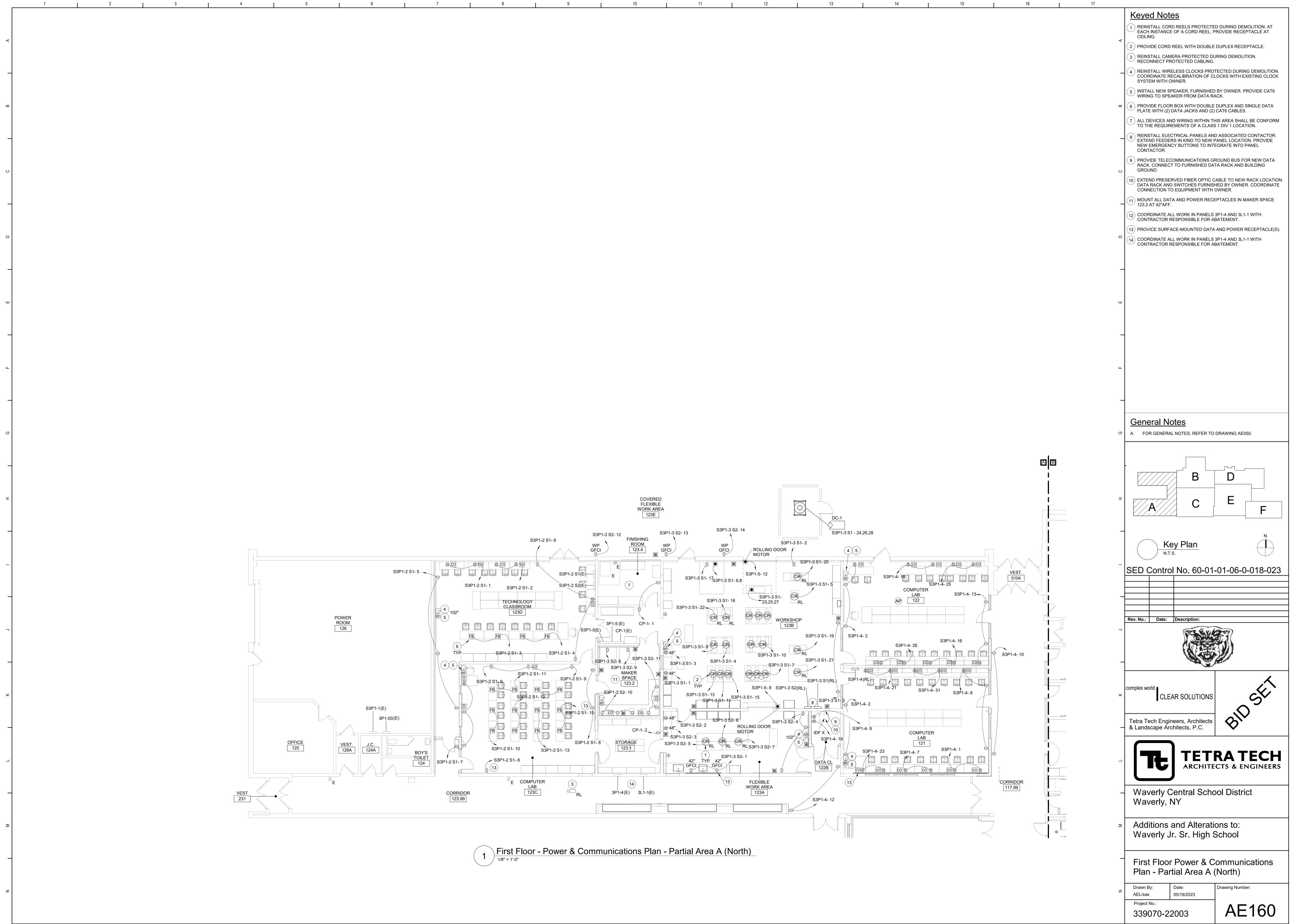




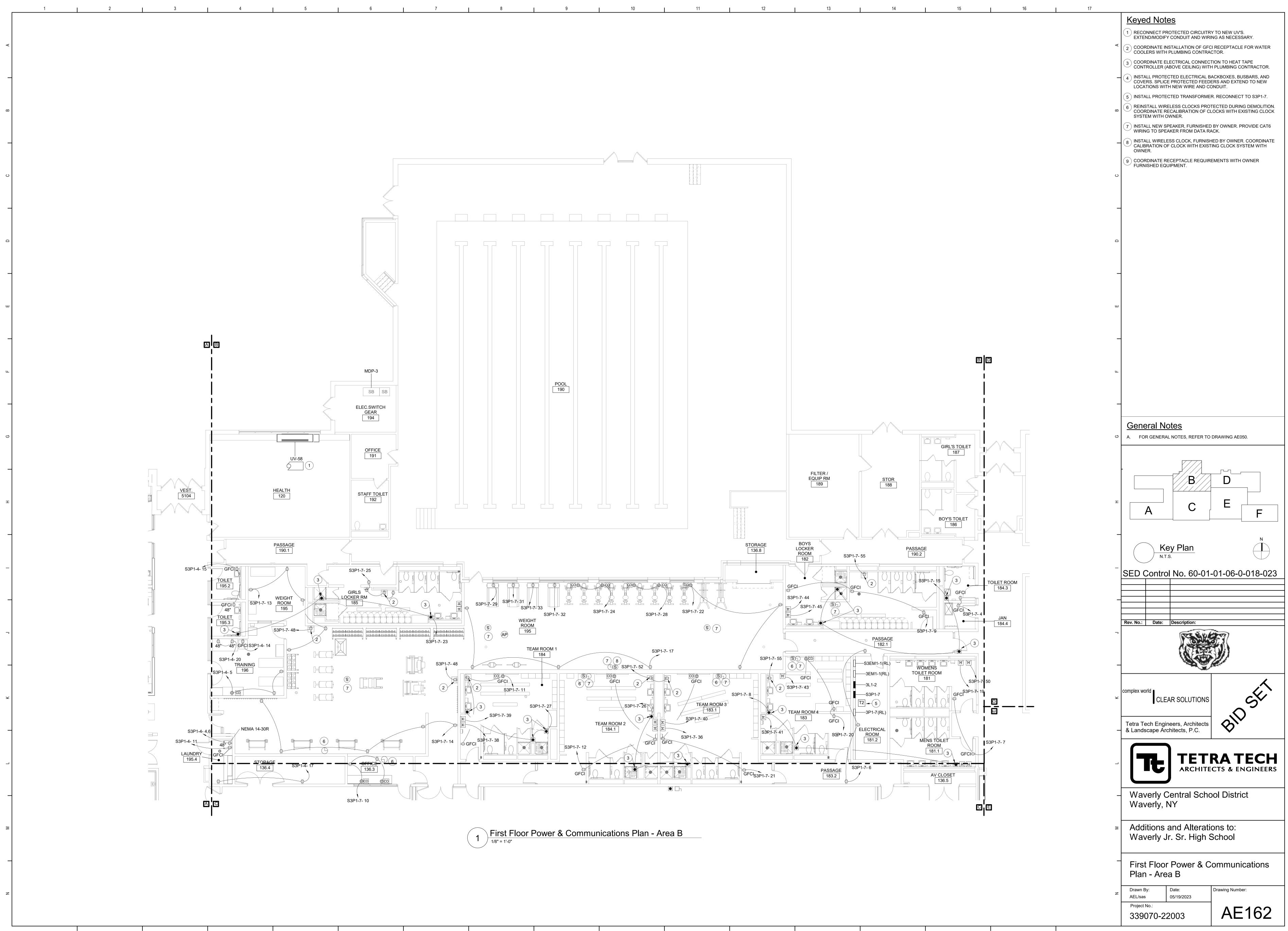
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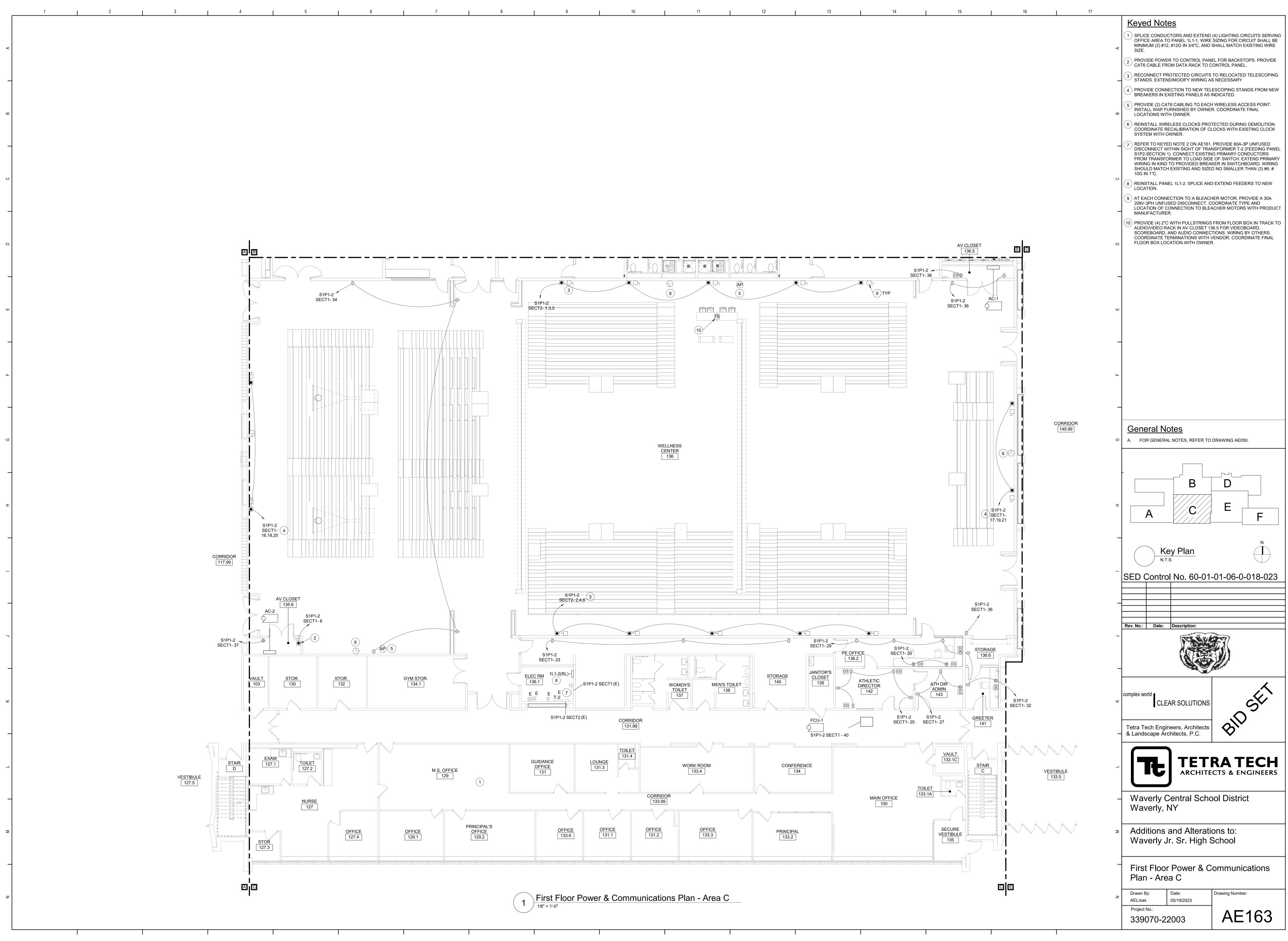




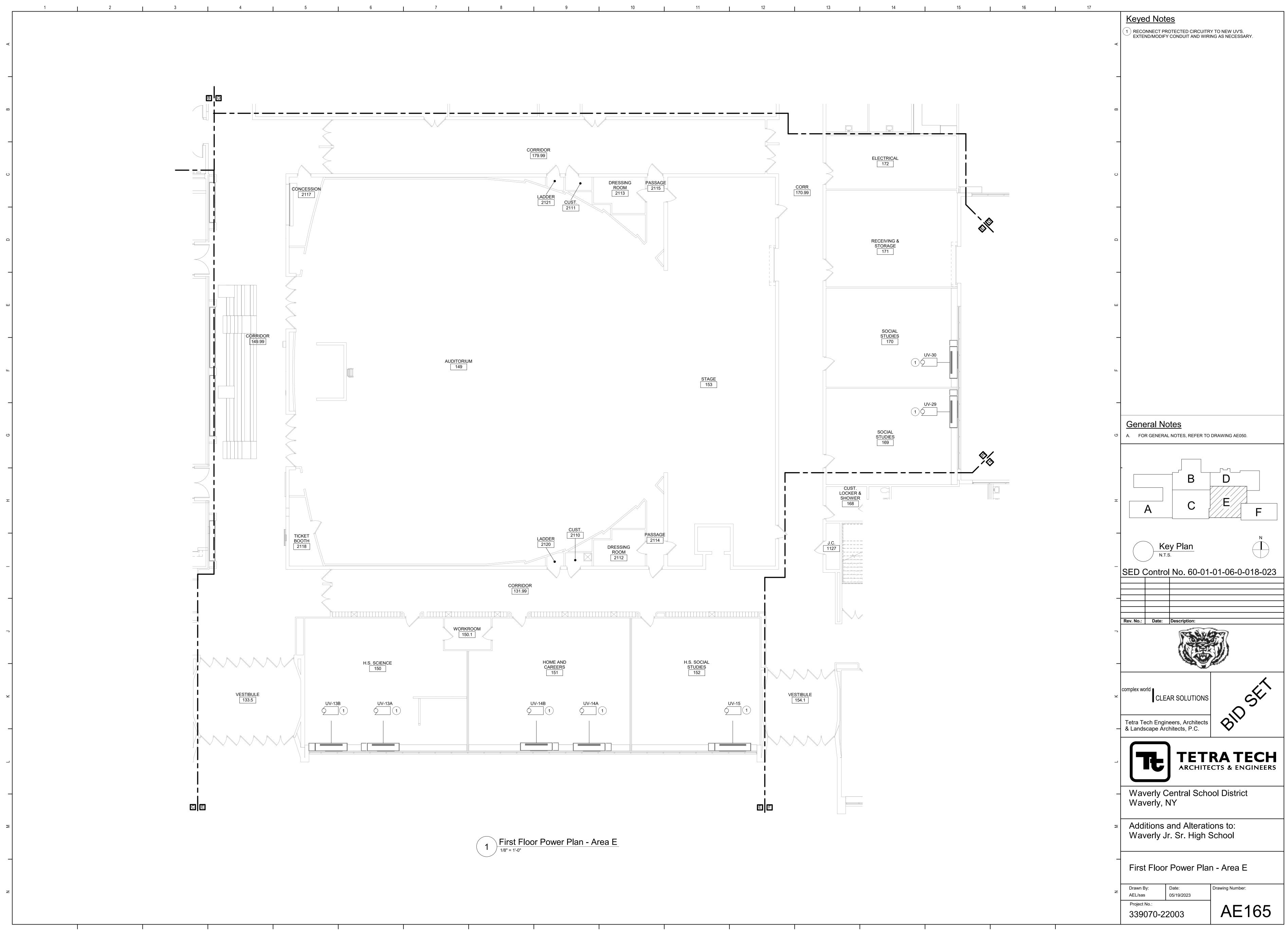


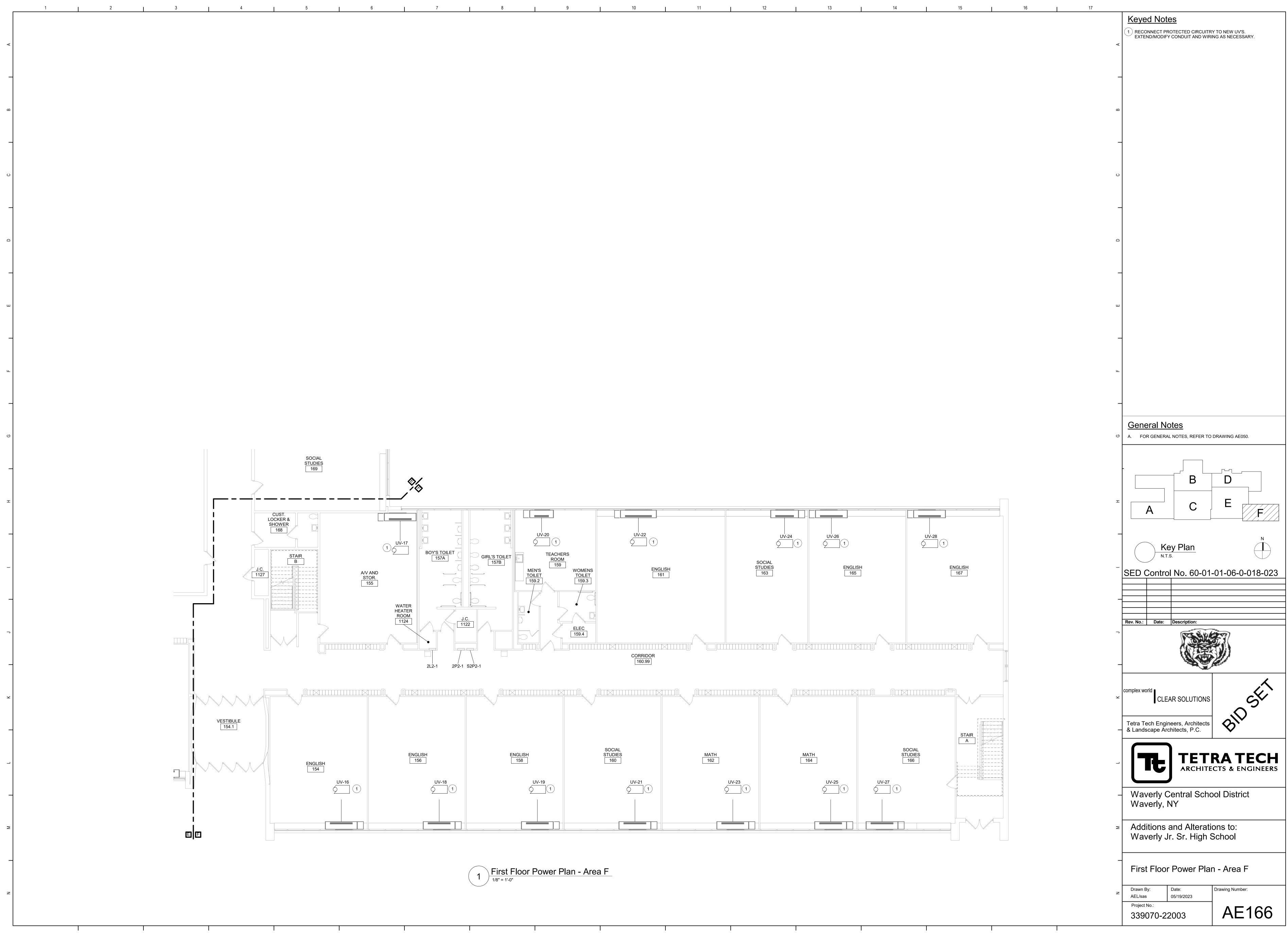


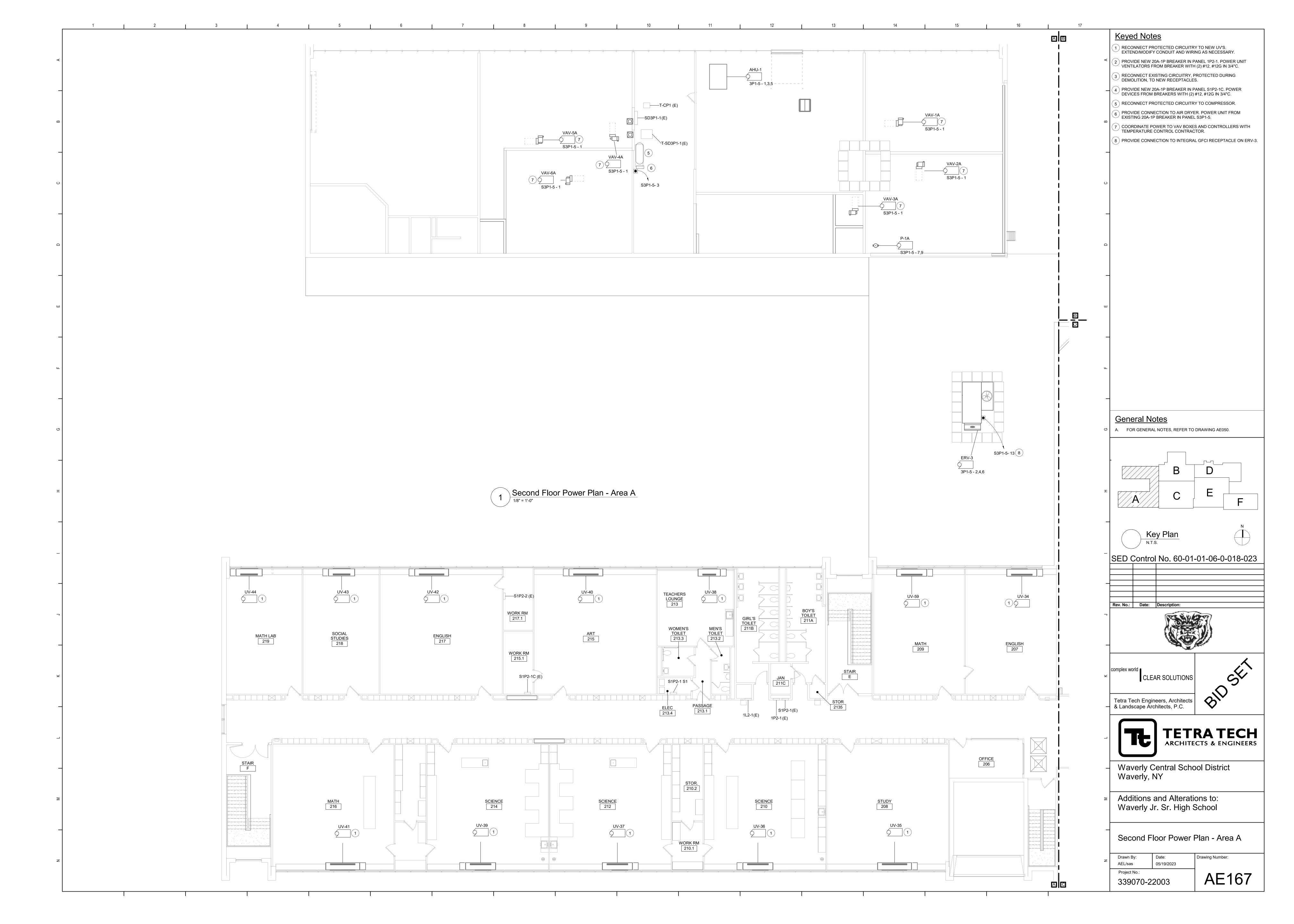


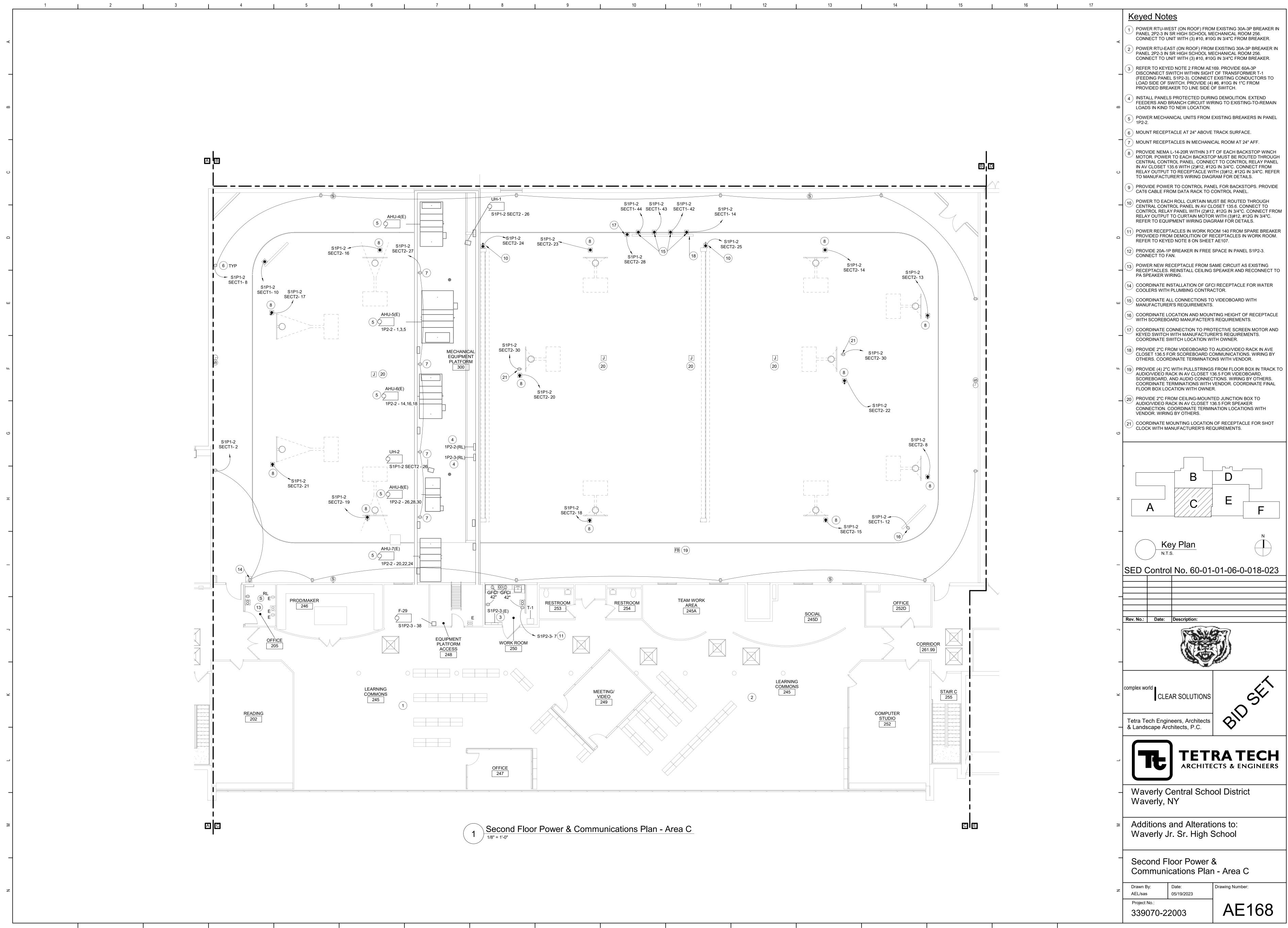


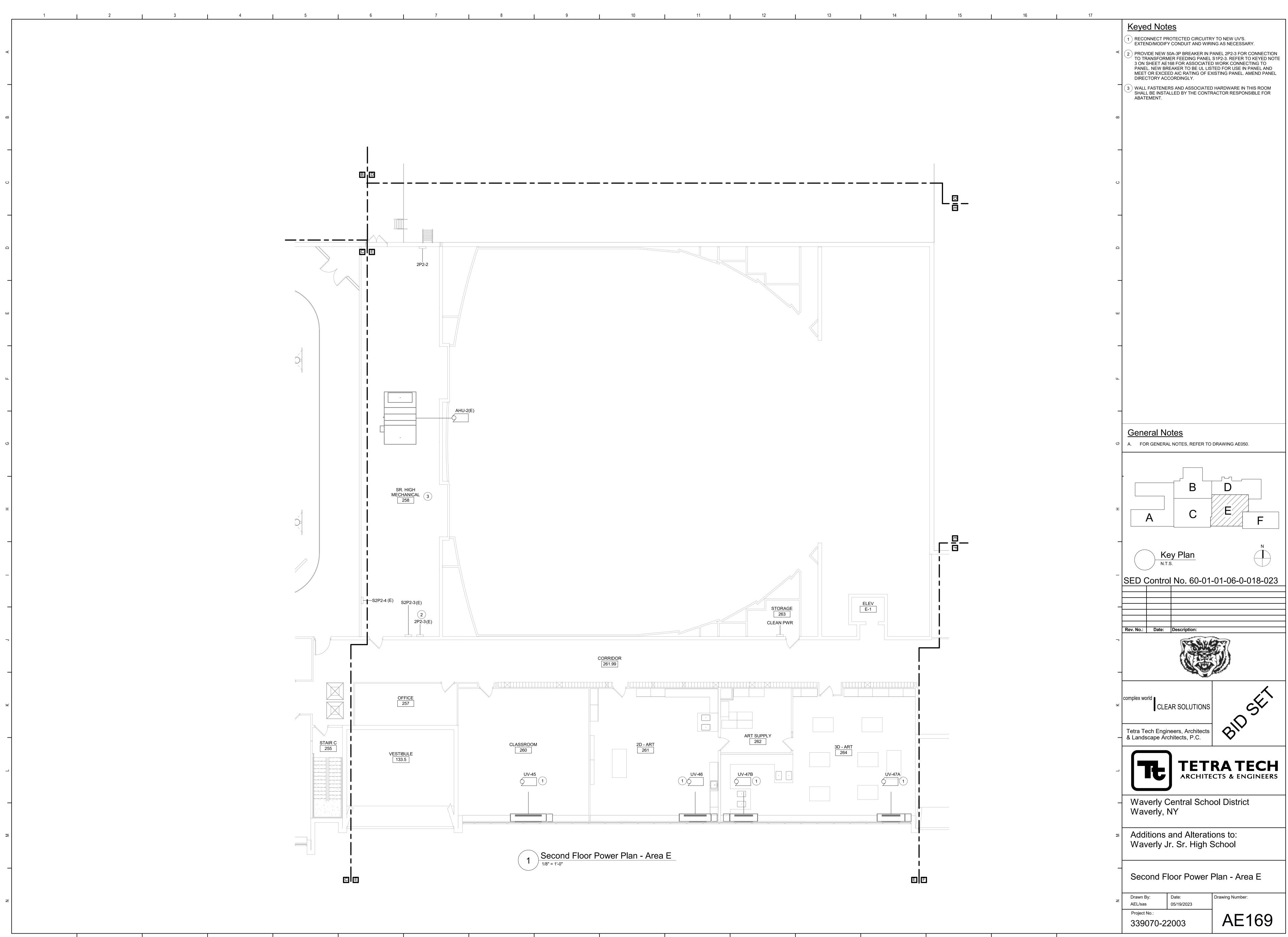


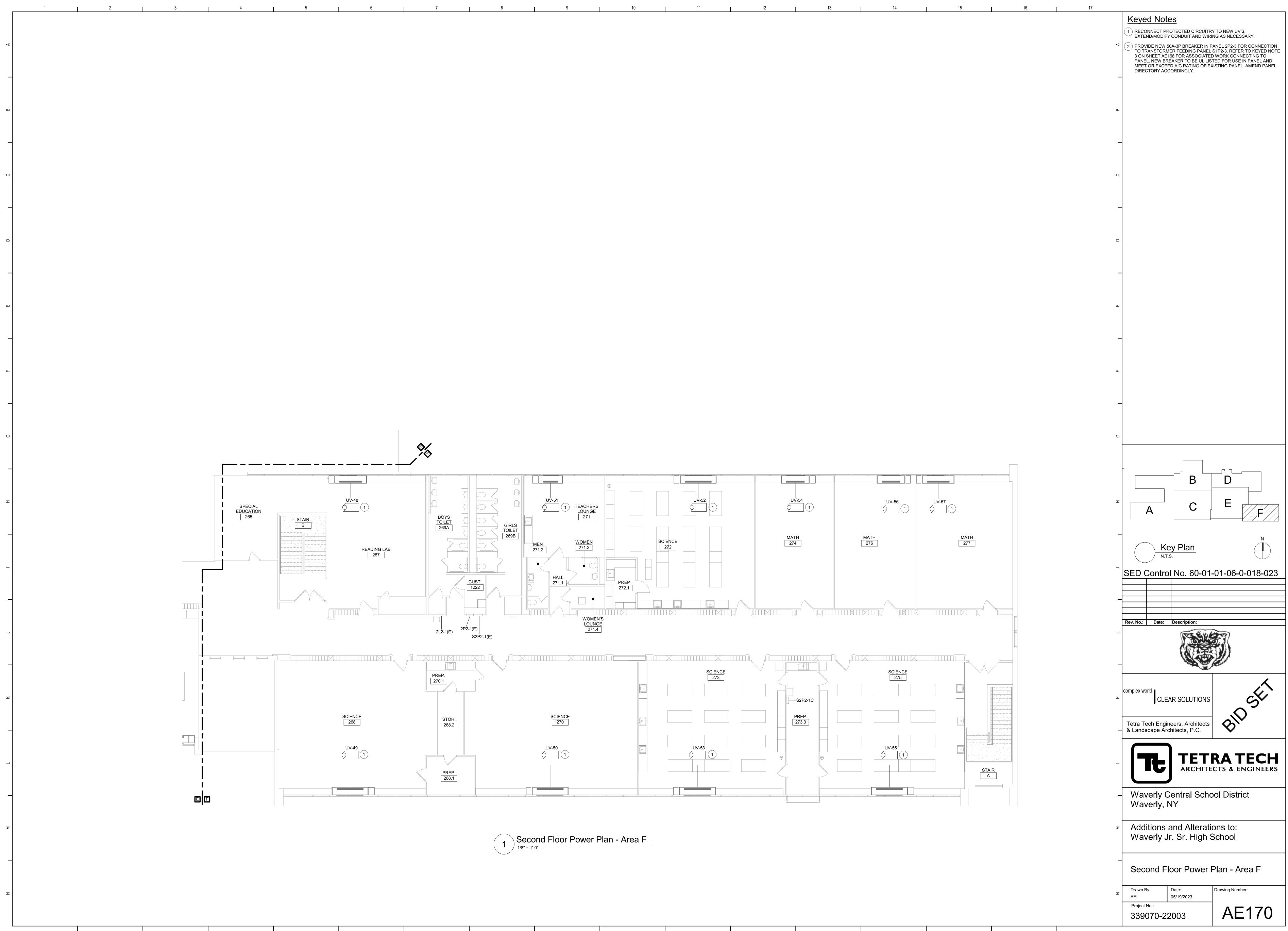


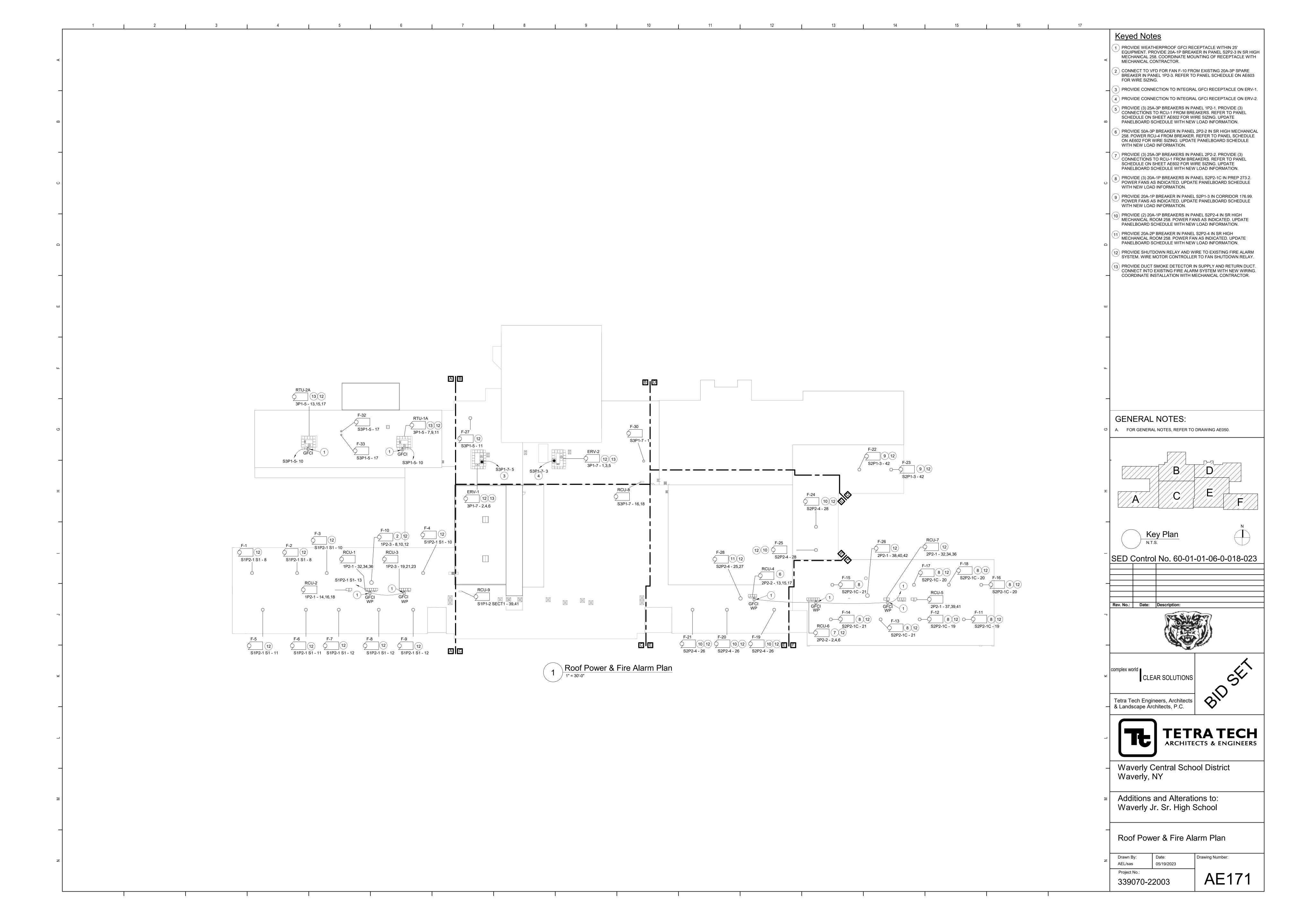




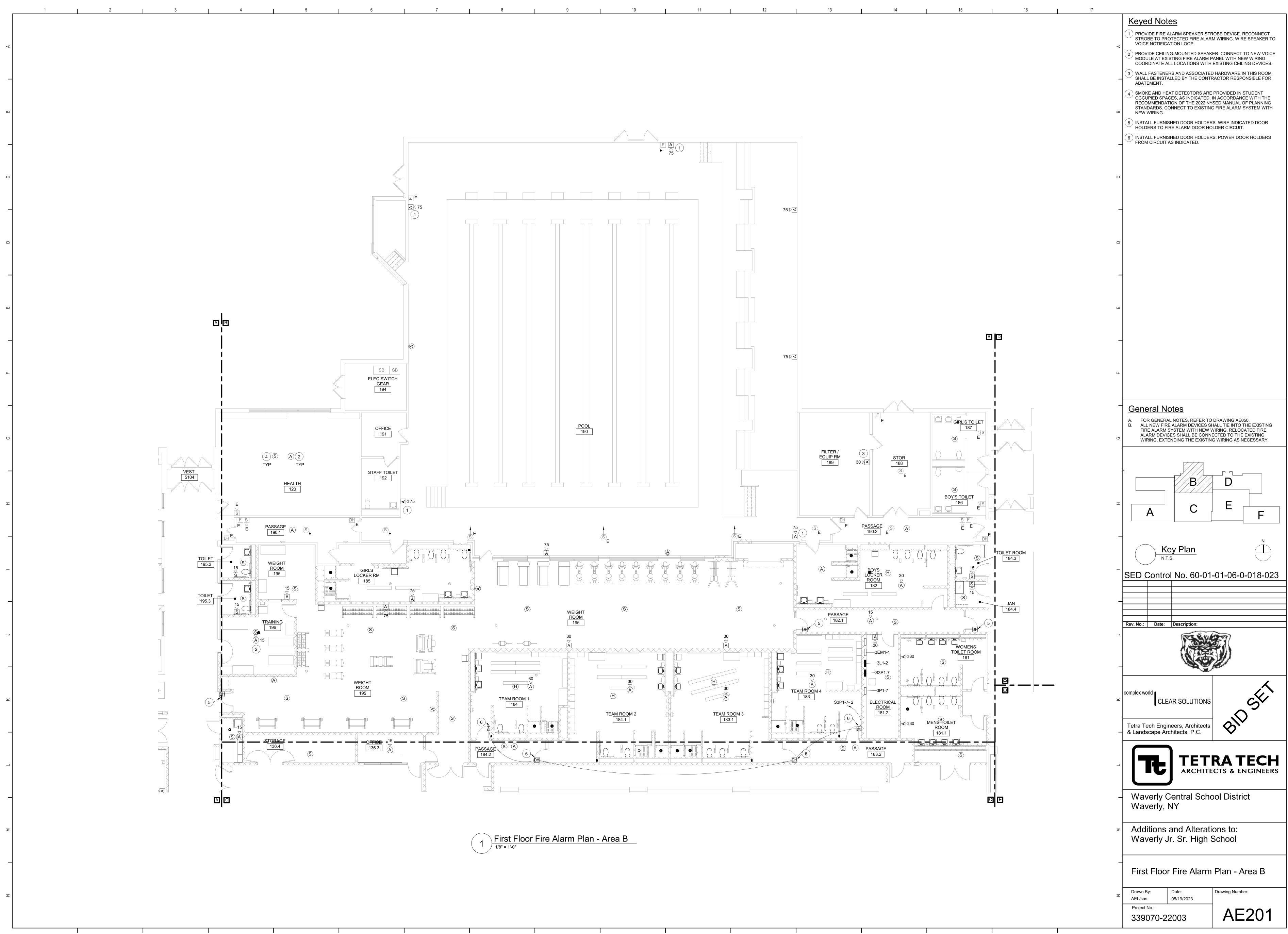


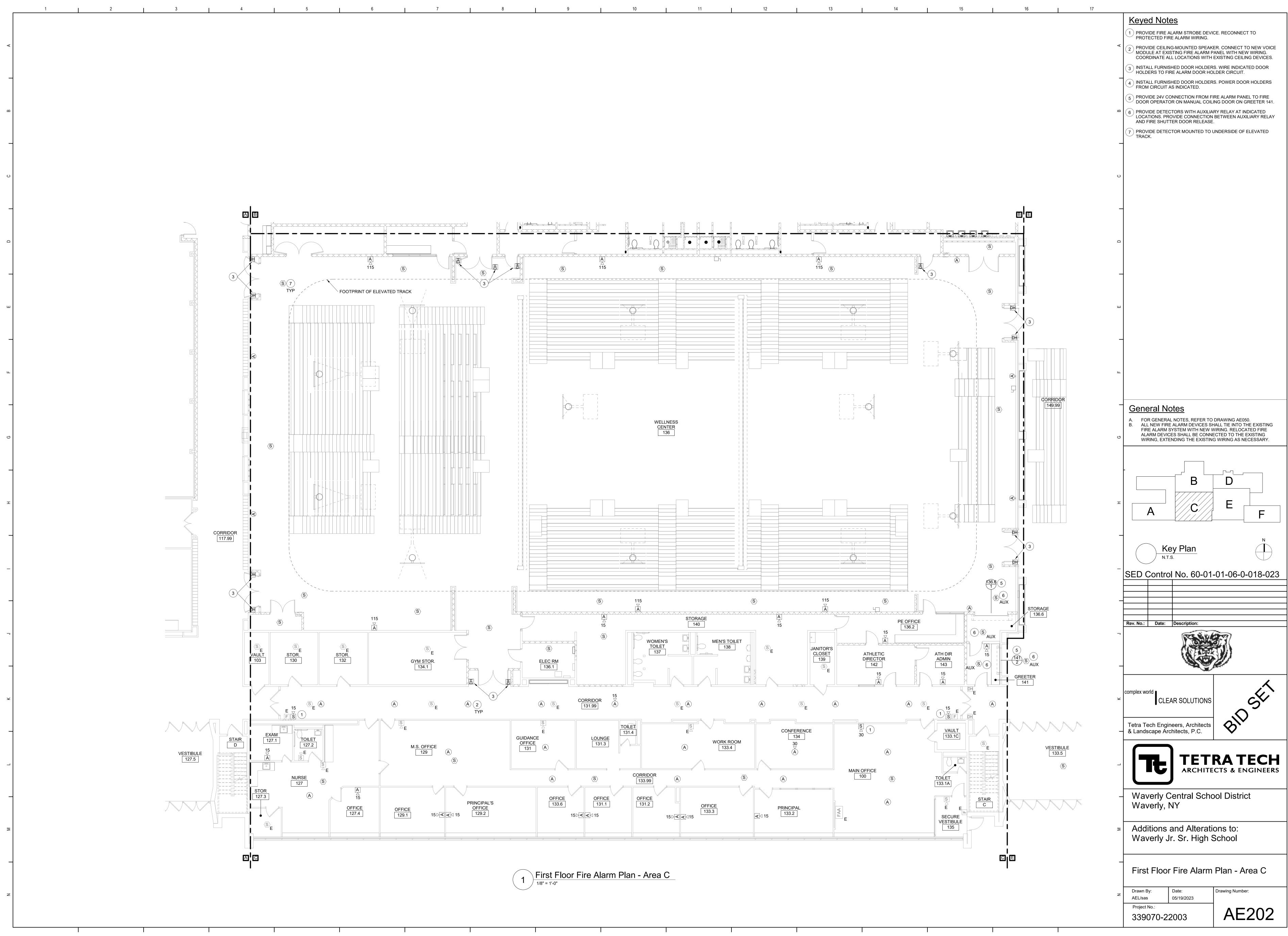


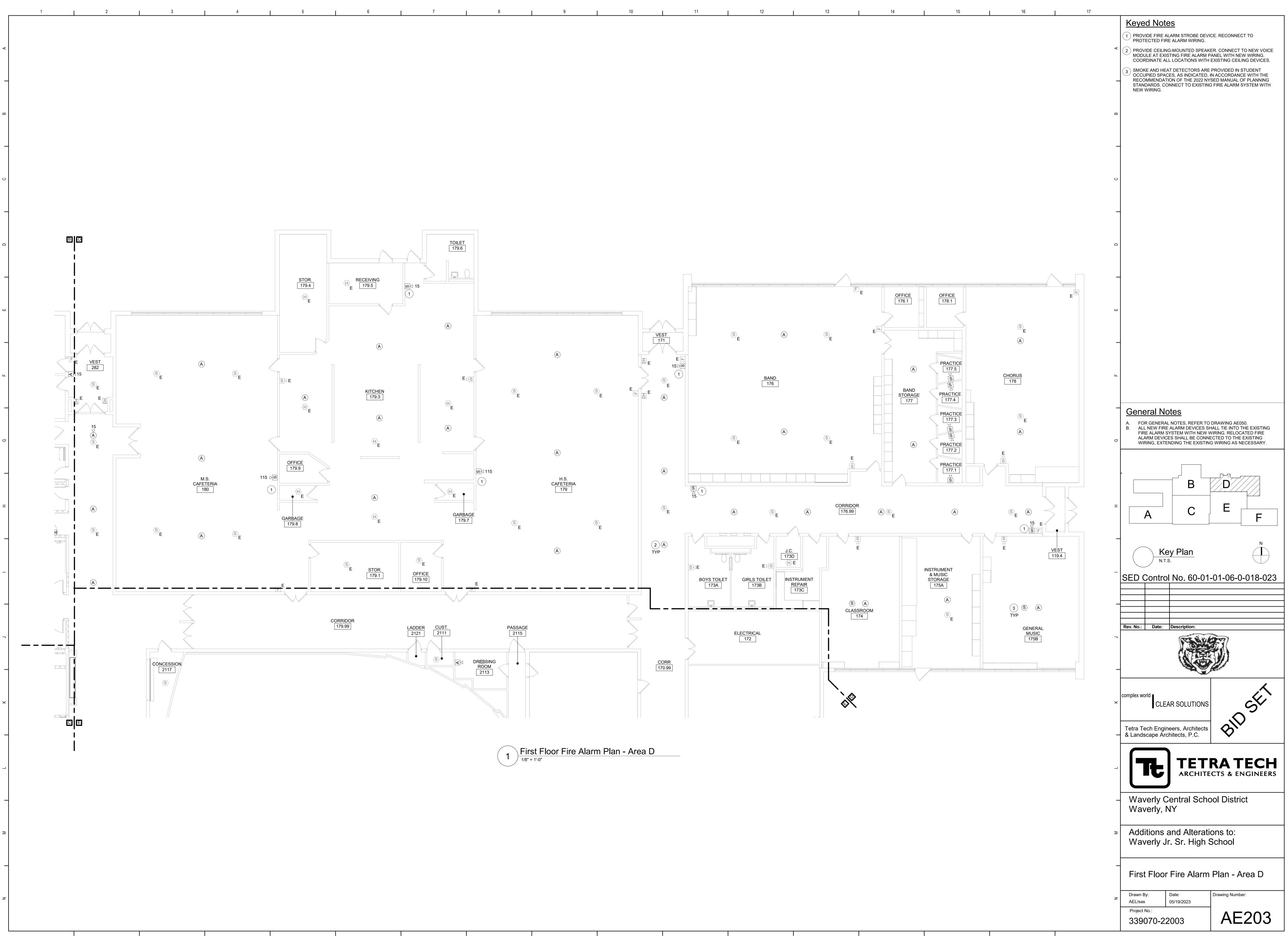


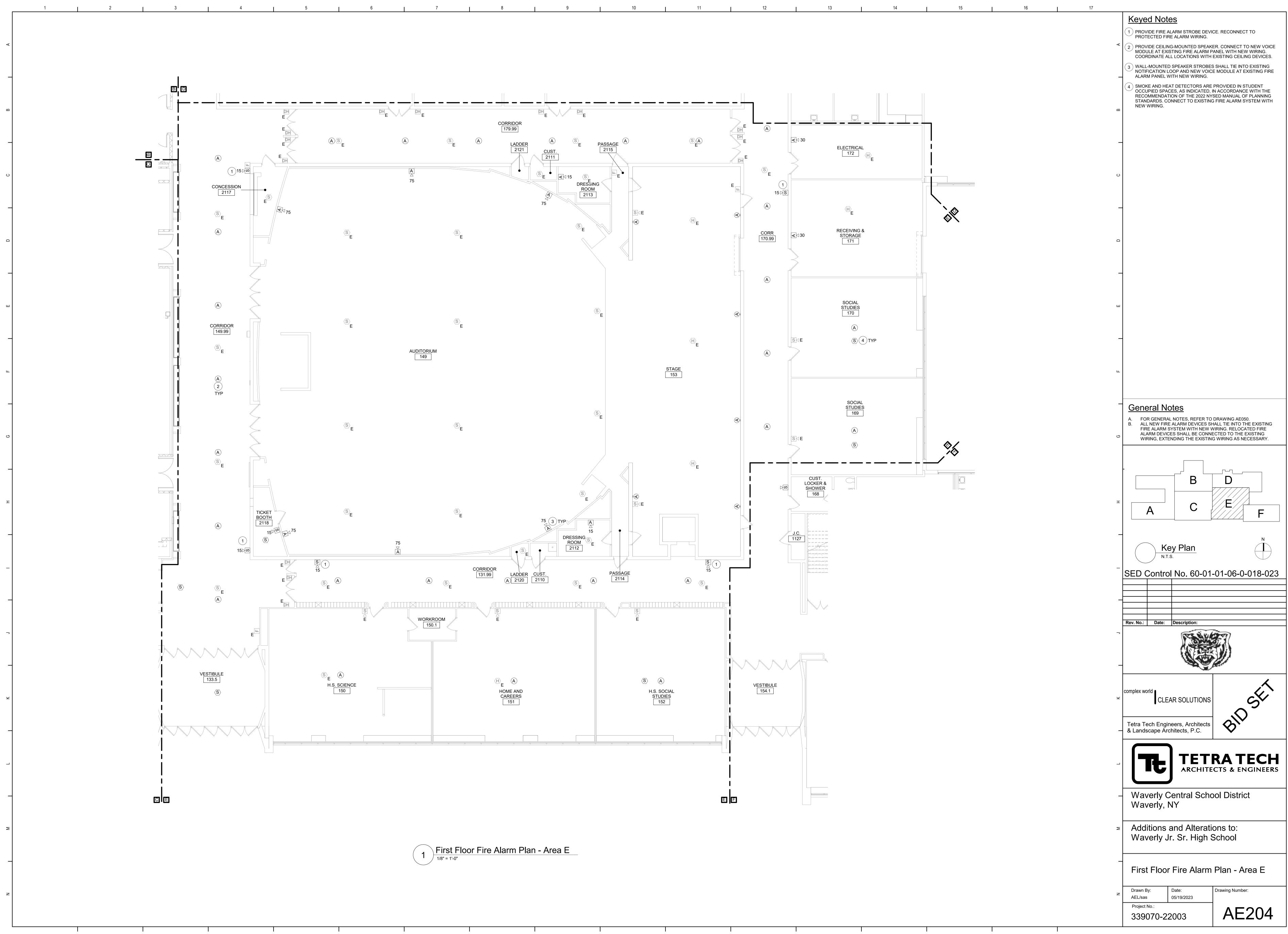


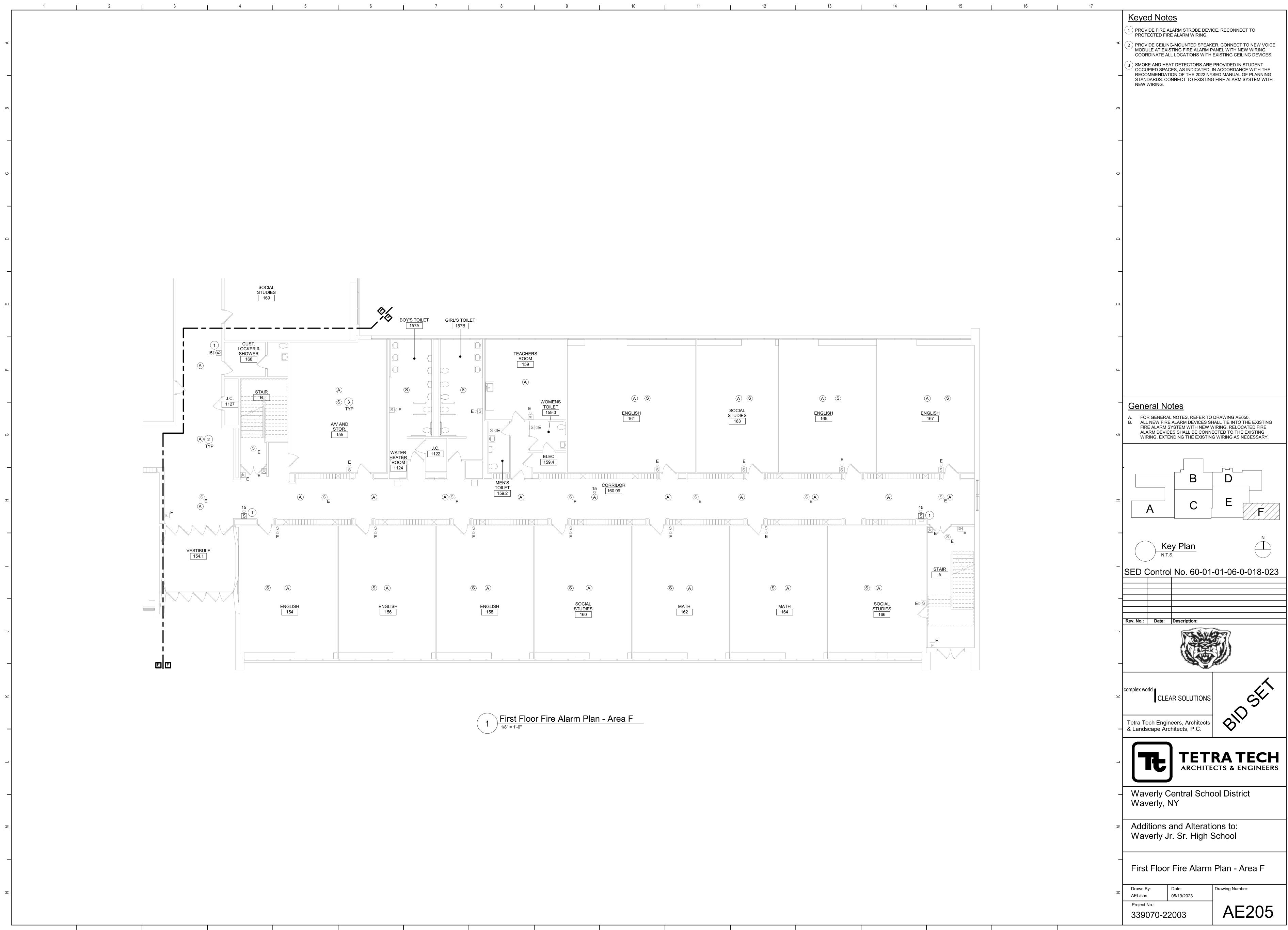


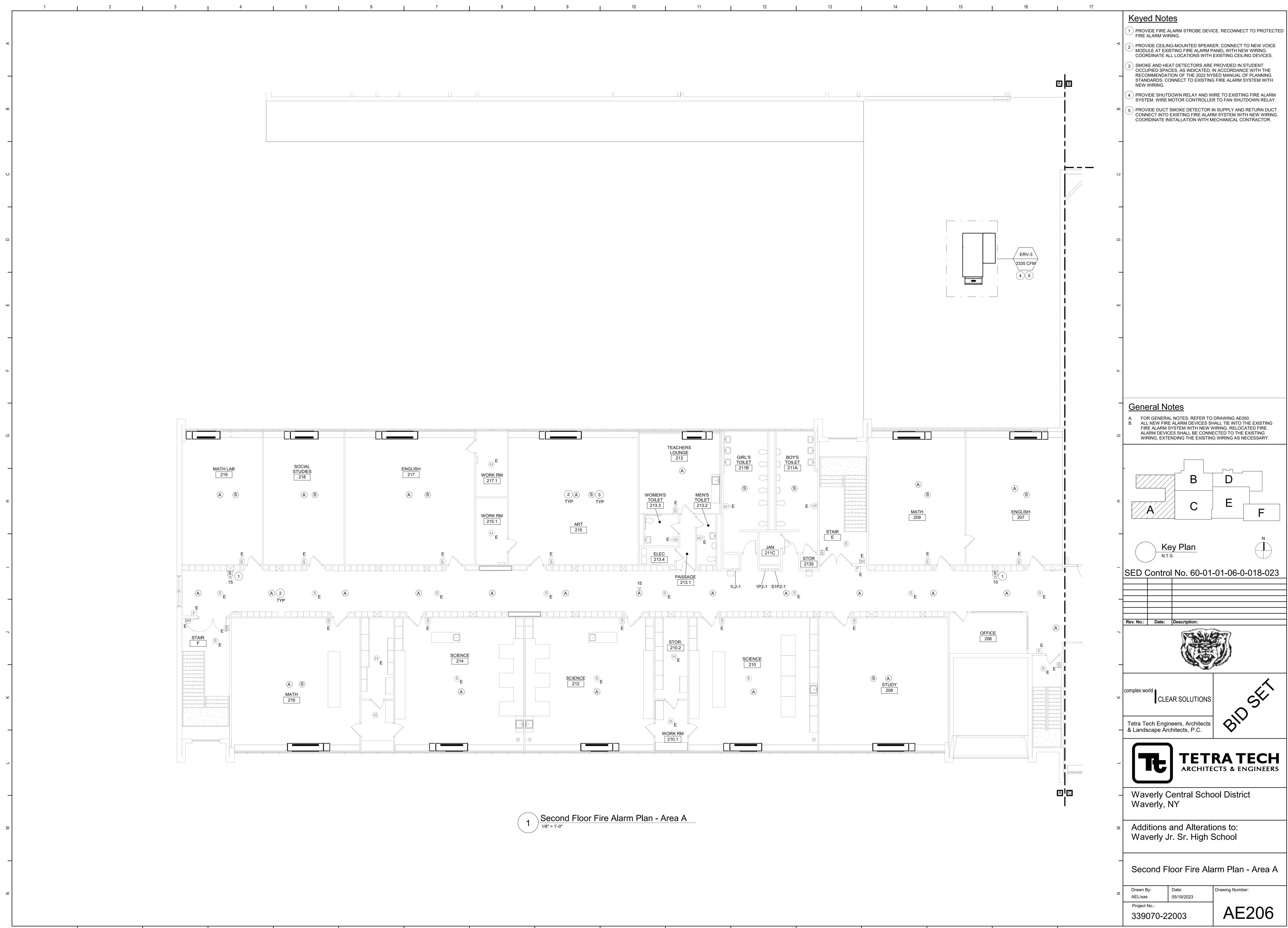


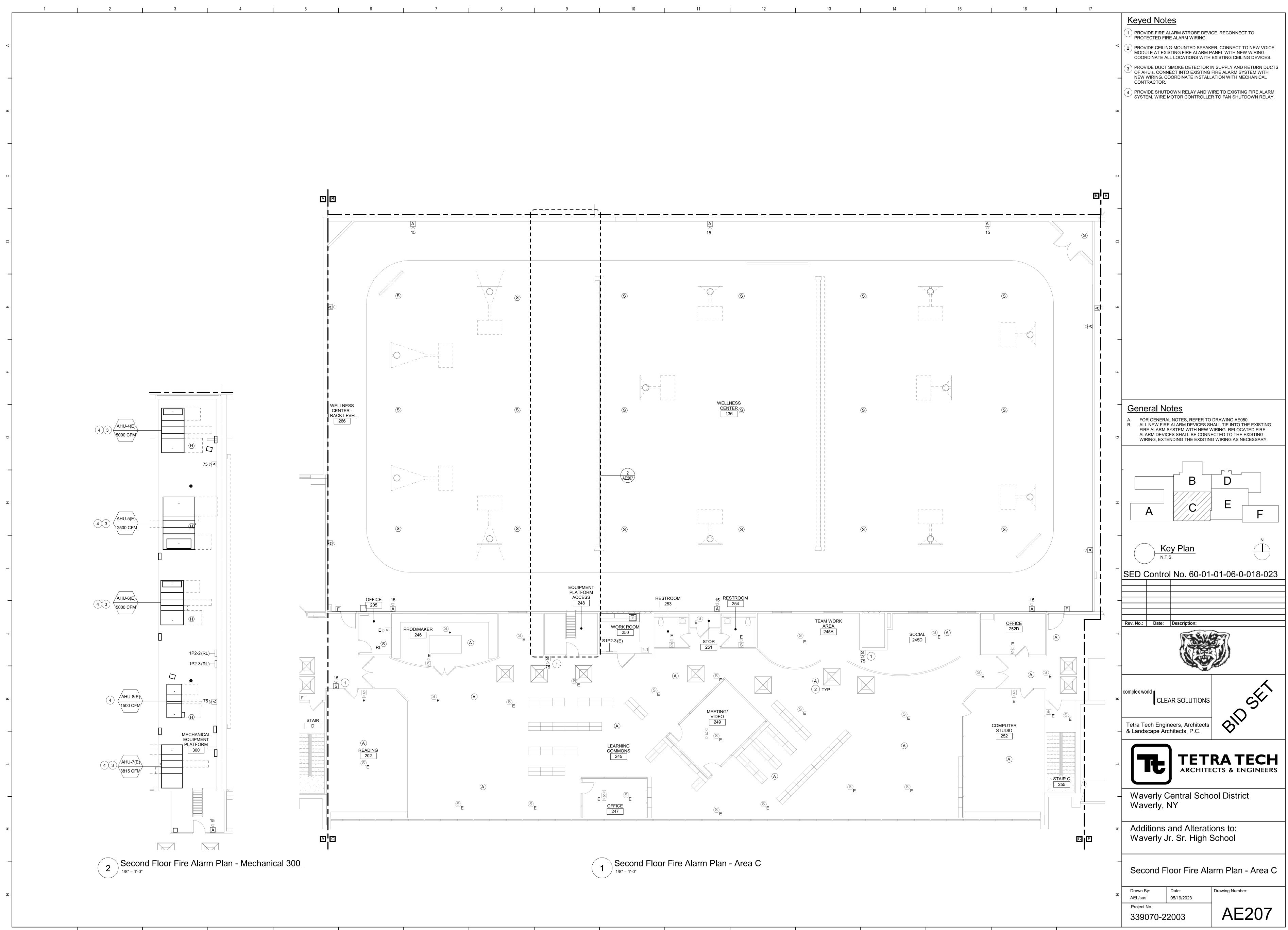


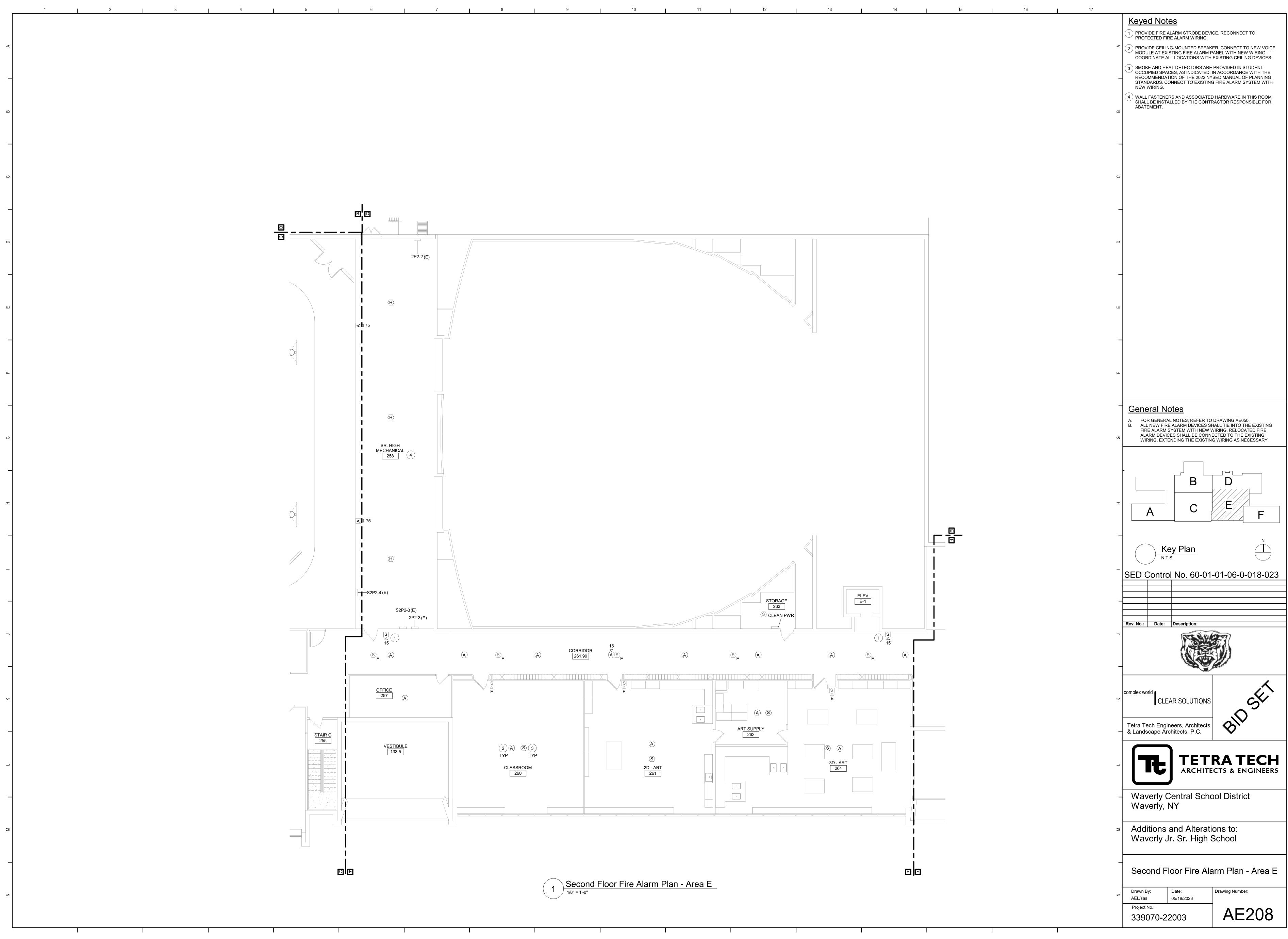


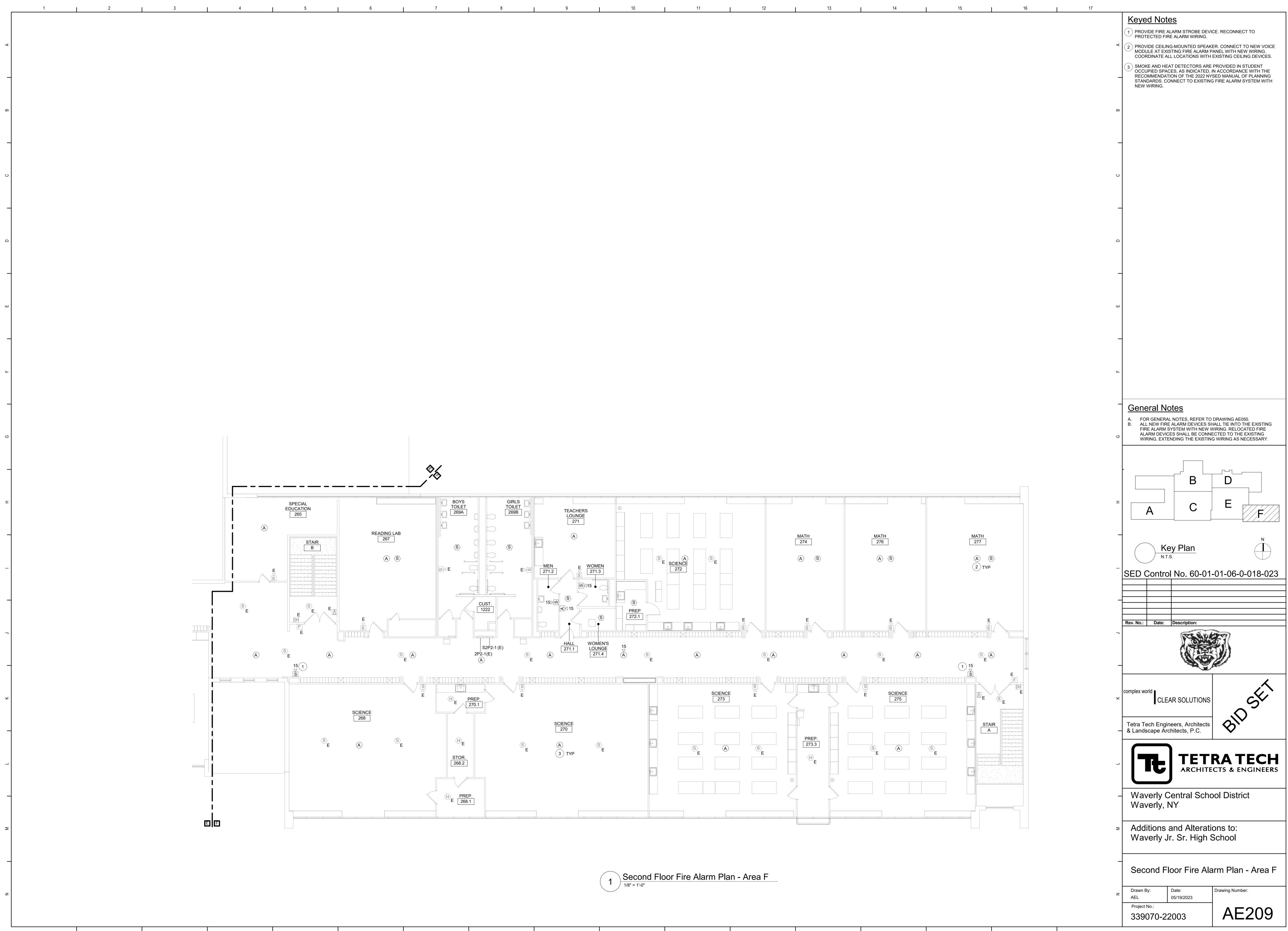


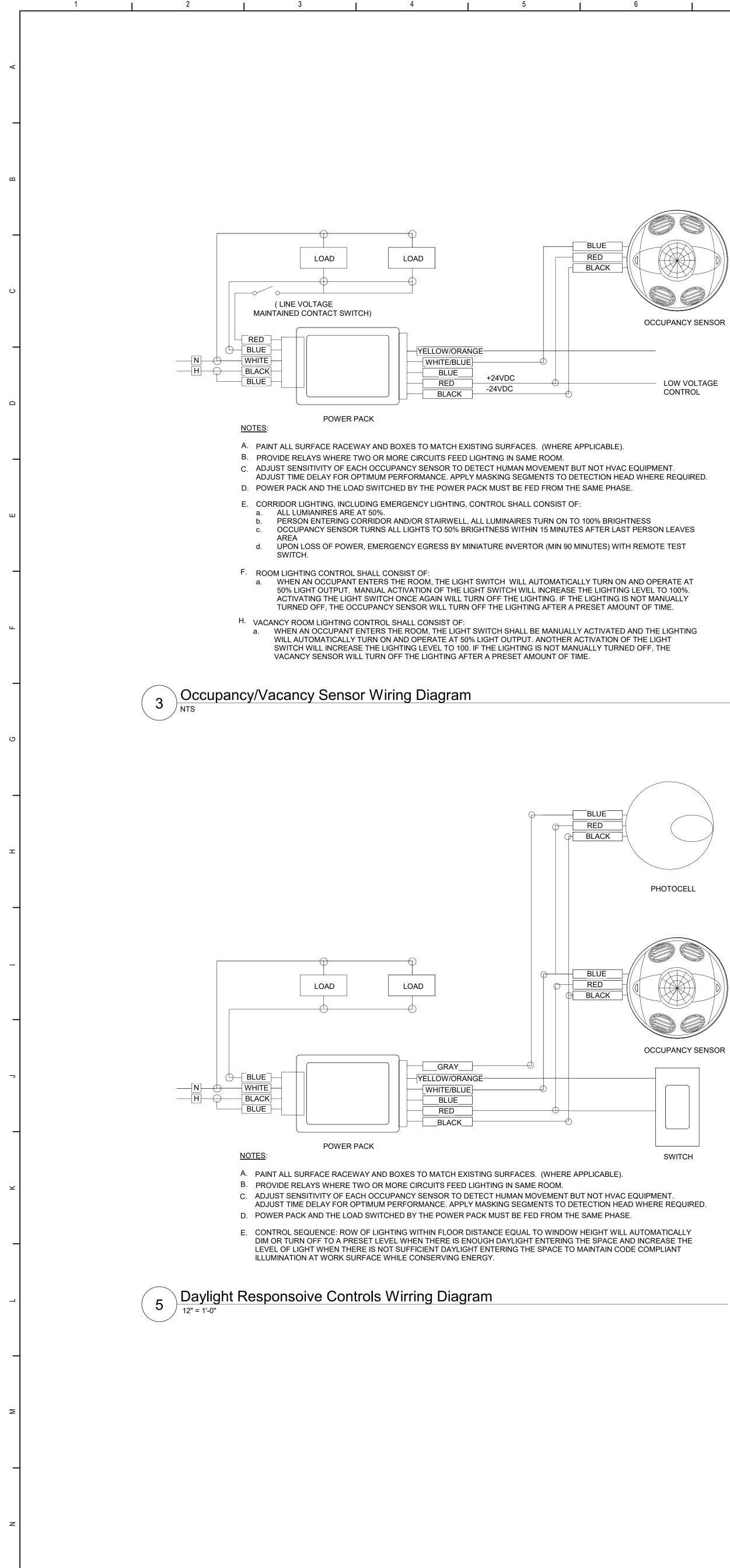


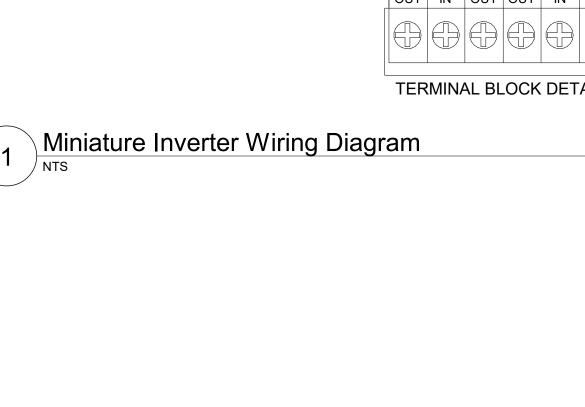


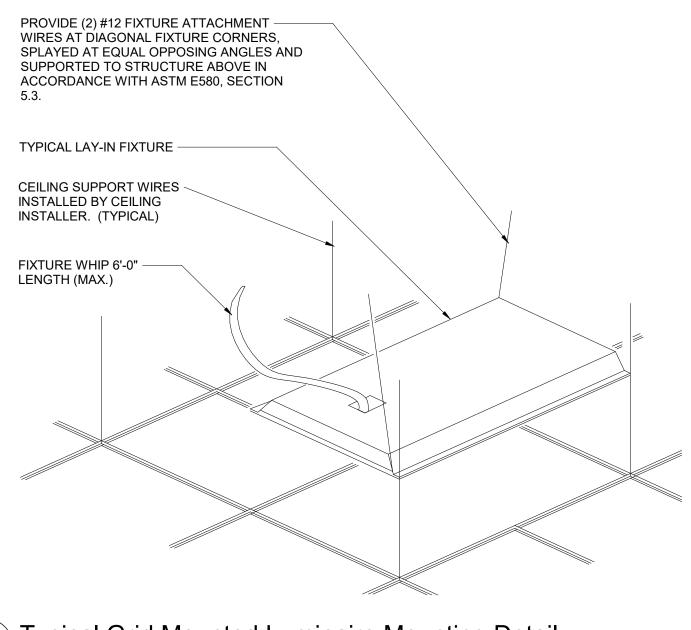




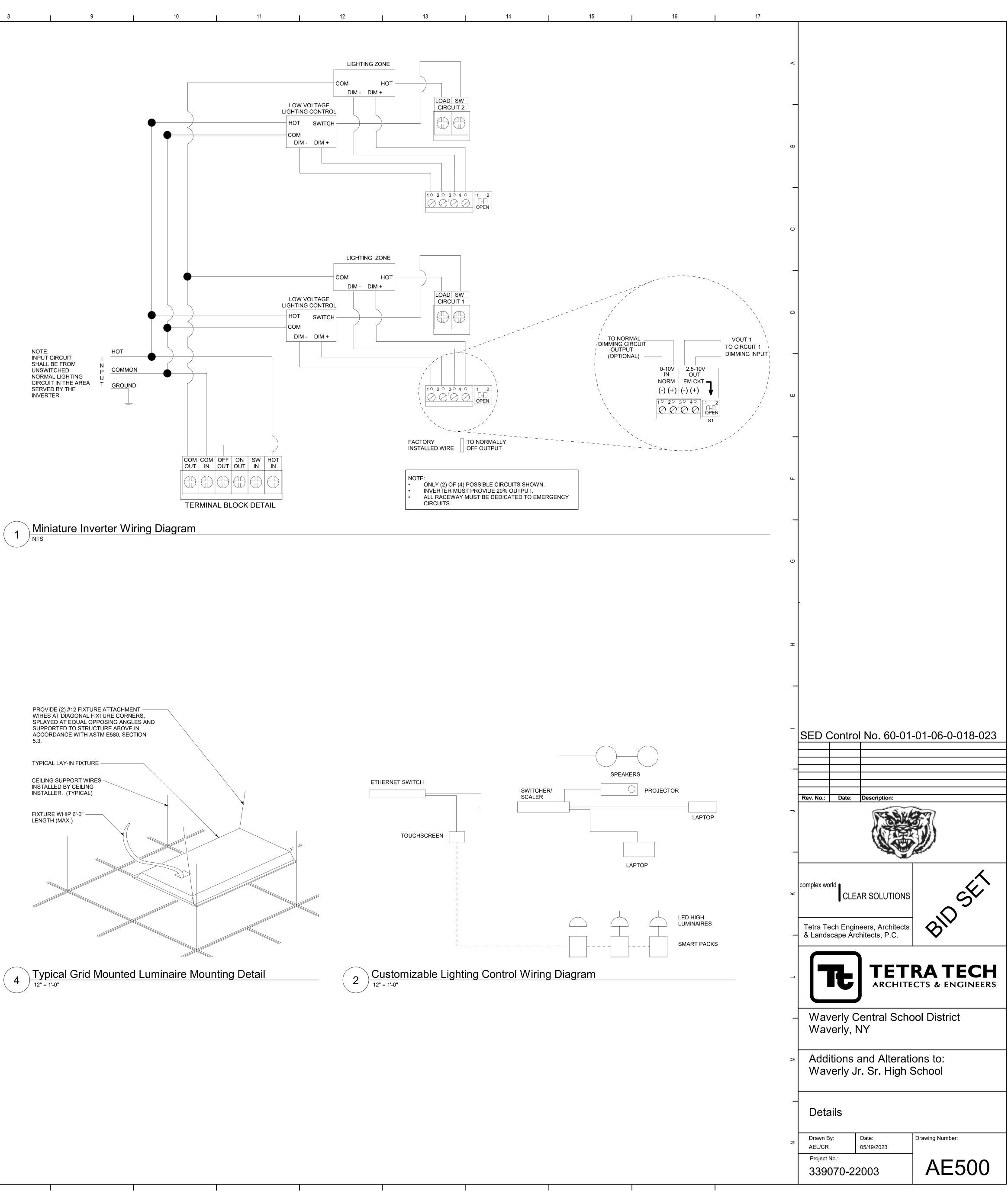


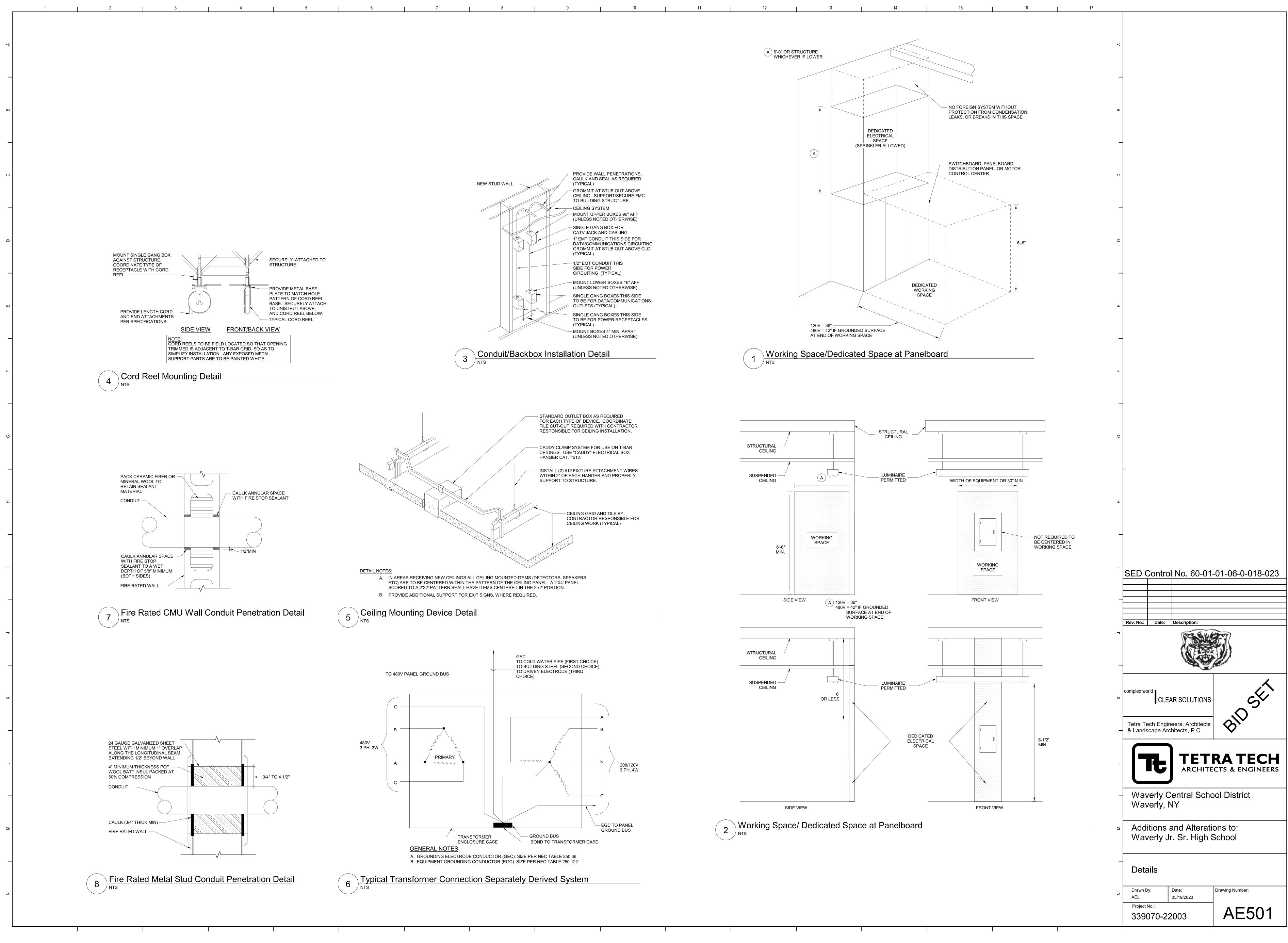




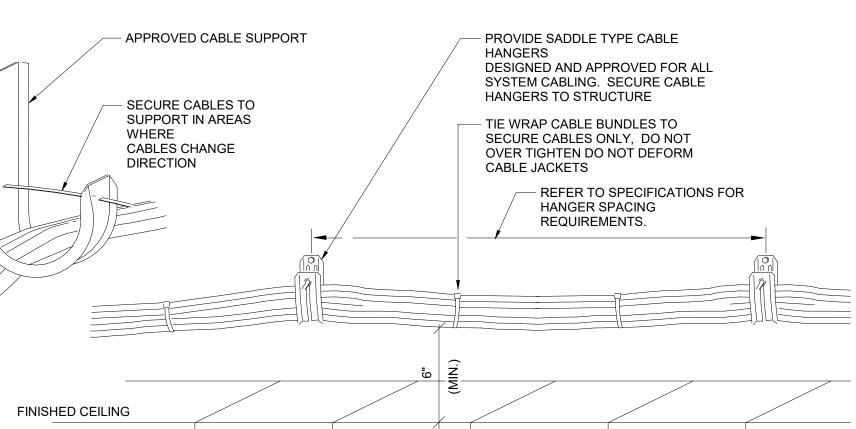








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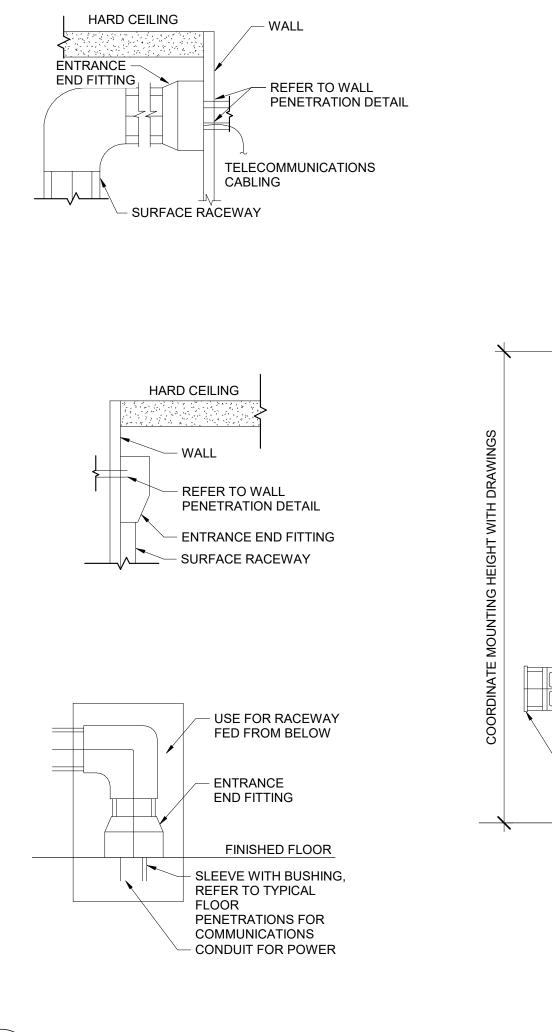
### TION NOTES:

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ATE CABLE BUNDLES A MINIMUM OF 6" ABOVE REMOVABLE CEILINGS TO MAINTAIN ARANCE (ALONG WALLS WHERE POSSIBLE). LOCATE IN AREAS THAT ARE ACCESSIBLE. 2 OR MORE CABLE HANGERS AT ALL TURNS TO MAINTAIN MANUFACTURER'S BEND JS REQUIREMENTS. R TO SPECIFICATIONS FOR ADDITIONAL CABLE AND HANGER INSTALLATION REQUIREMENTS.

## ypical Installation with Cable Hangars



11

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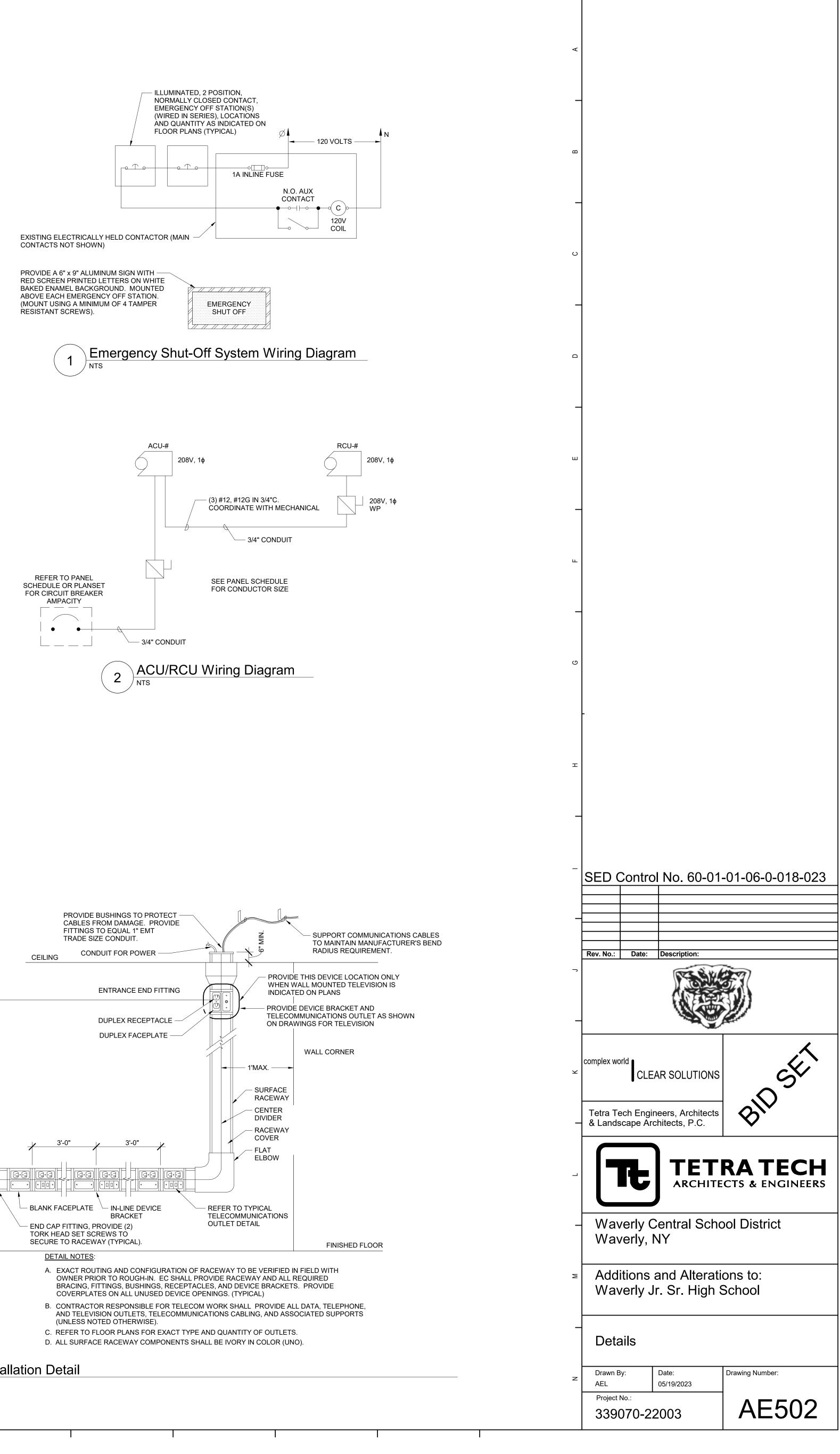
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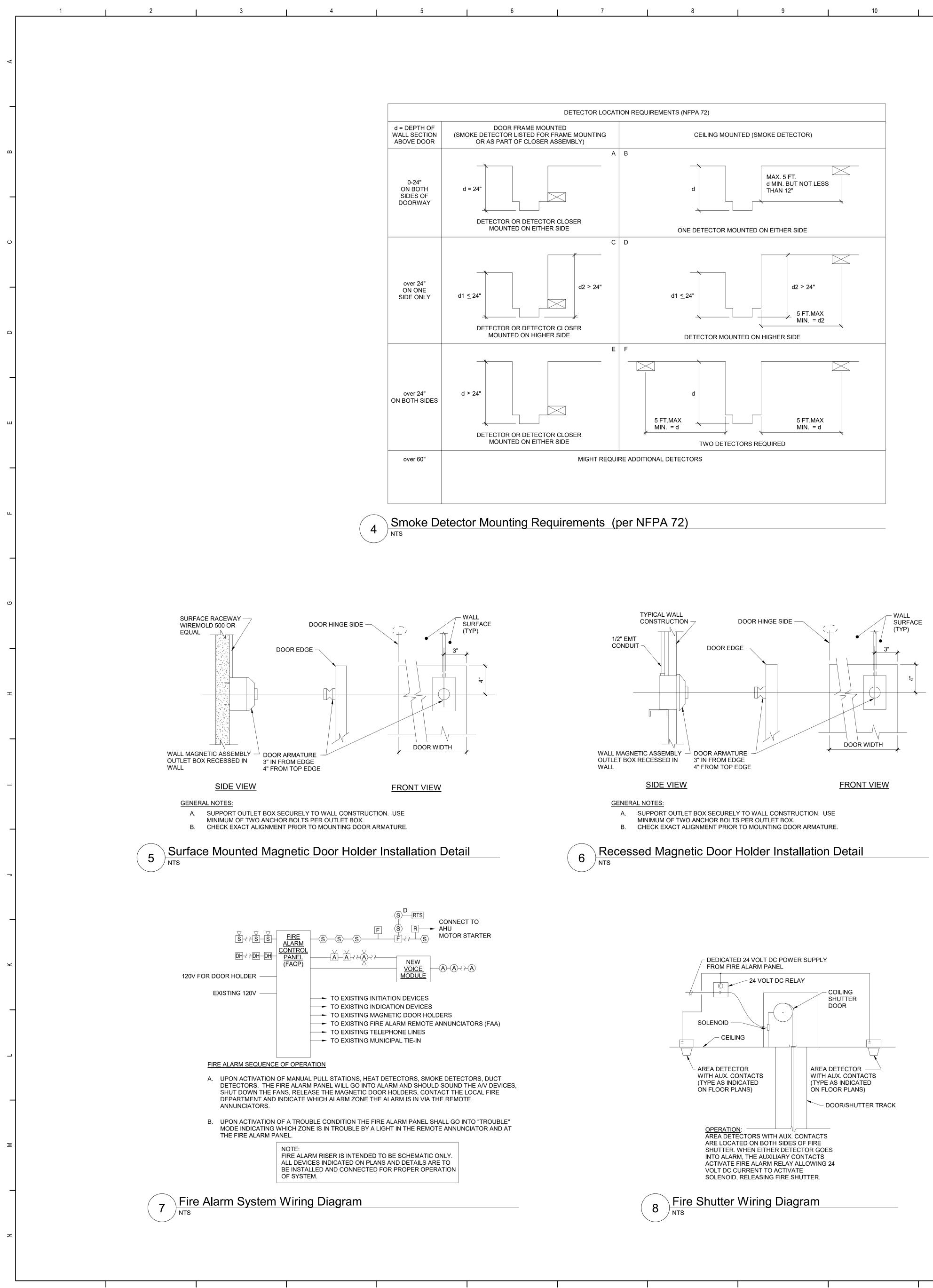
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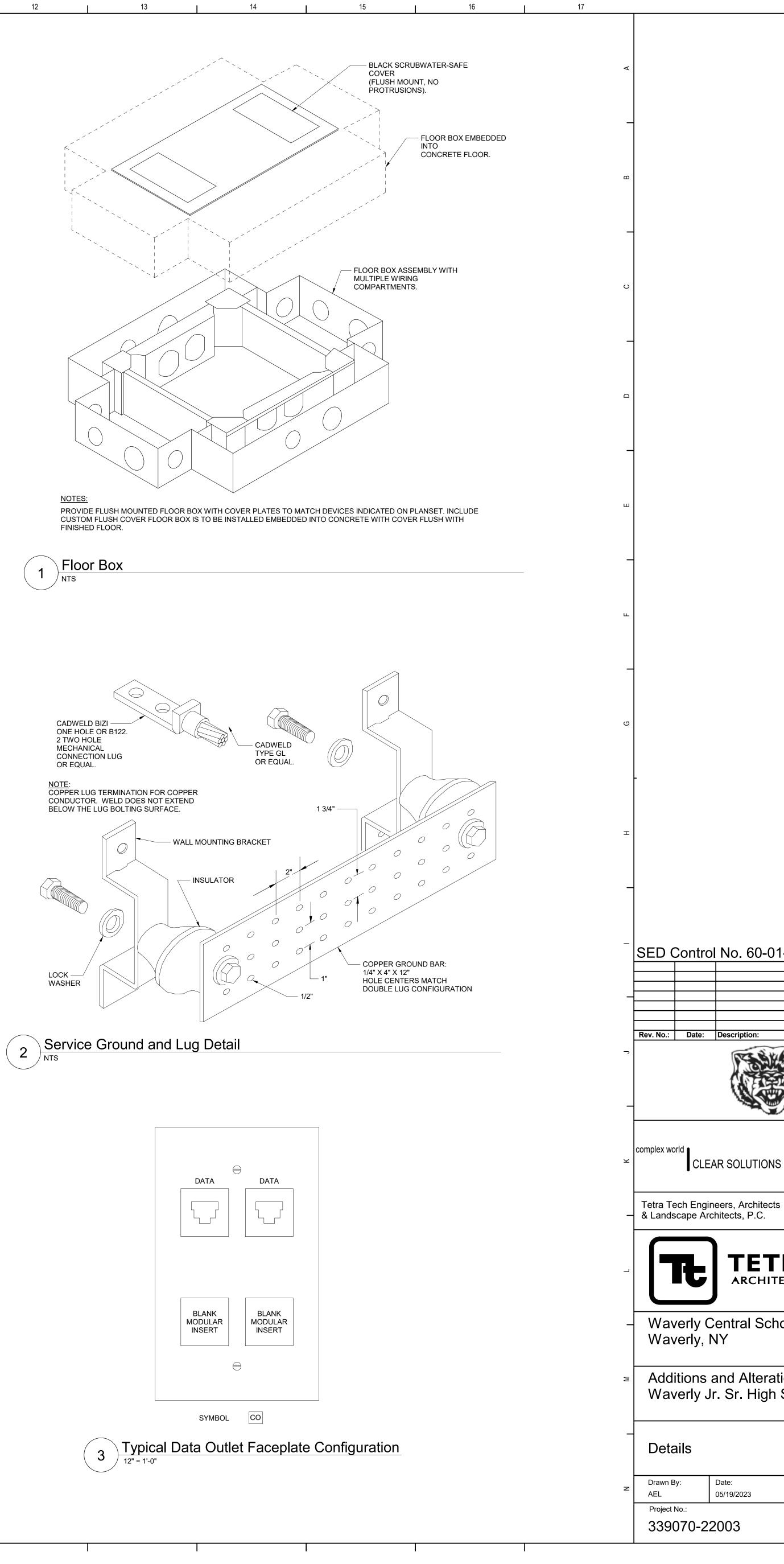
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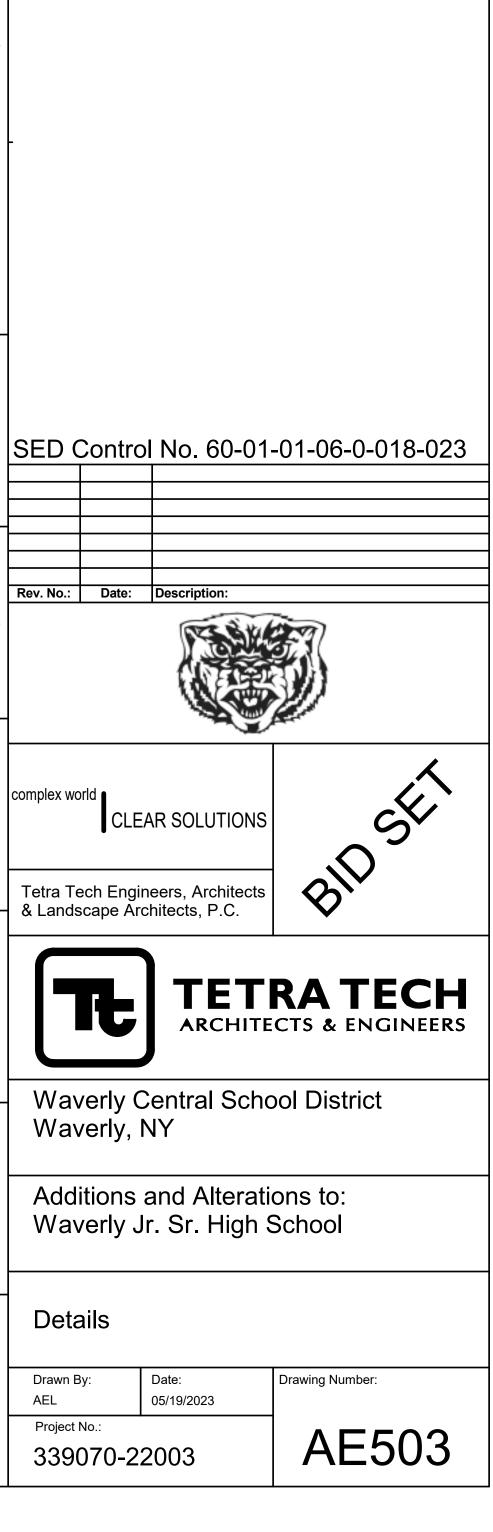
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3 Typical Dual Channel Surface Raceway Installation Detail







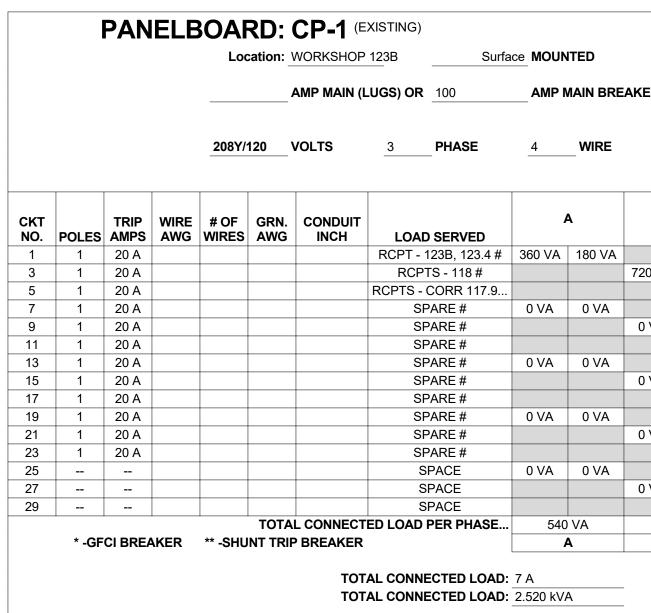


				Locatio	on: WORKSHO	P 123B Surfa	ce MOUN	NTED	_	10k	SY	M. A.I.C	E	ENCLOSURE		Type 1				
				2	25 AMP MAIN	(LUGS) OR		MAIN BRE	EAKER W	тн _			TRIP							
				208Y/120	VOLTS	3 <b>PHASE</b>	4	WIRE	(	60 H	ERTZ	225	AMP BUS	SEI	LABEL_					
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF GI WIRES AV	RN. CONDUIT	LOAD SERVED		A		В		C	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CH NC
1	1	20 A				RCPTS - 123A #	360 VA	180 VA					RCPTS - 123A #					20 A	1	2
3	1	20 A				RCPTS - 123A #			180 VA	540 VA	-		RCPTS - 123A #					20 A	1	4
5	1	20 A				CR - 123A #					360 VA	360 VA	CR - 123A					20 A	1	
7	1	20 A				CR - 123A #		180 VA	-				RCPT - LASER (123.2)					20 A	1	
9	1	20 A				RCPT - LASER (123.2) #			180 VA	540 VA	-		RCPTS - 123.2					20 A	1	1
11	1	20 A				RCPTS - 123.2 #					540 VA	180 VA	RCPT - EXT					20 A	1	1
13	1	20 A				RCPT - EXT #	180 VA	180 VA					RCPT - EXT					20 A	1	1
15									0 VA	0 VA	-								1	1
17	3	20 A				SPARE #					0 VA	0 VA	SPARE #					30 A	3	1
19							0 VA	0 VA											ļ	2
21	2	40 A				SPARE #			0 VA	0 VA									1	2
23											0 VA	0 VA	SPARE #					30 A	3	2
25							0 VA	0 VA	-										I	2
27	3	30 A				SPARE #			0 VA	0 VA									1	2
29											0 VA	0 VA	SPARE #					30 A	3	3
31							0 VA	0 VA	-										I	3
33	3	30 A				SPARE #			0 VA	0 VA									1	3
35											0 VA	0 VA	SPARE #					30 A	3	3
37							0 VA	0 VA												3
39	3	30 A				SPARE #			0 VA	0 VA			SPARE #					30 A	1	4
41											0 VA	0 VA	SPARE					20 A	1	4
				Т	DTAL CONNEC	TED LOAD PER PHASE	144	0 VA	144	0 VA	144	0 VA								

## DANEL DOADD. 62D4 4

1 2 3 4 5

				Loc	cation:	COMPUTER	LAB 121 Surfac		ITED	1	10k	SYI	M. A.I.C	. Ε	ENCLOSURE		Туре 1				
					225	amp main (l	.UGS) OR		IAIN BRE	AKER WI	тн			TRIP							
				208Y/1	120	VOLTS	3 <b>PHASE</b>	4	WIRE	6	60 H	ERTZ	225	AMP BUS	SE I	_ABEL_					
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG		LOAD SERVED		<b>A</b>	E	3	(	2	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CK NC
1	1	20 A					RCPTS - 121 #	360 VA	360 VA					RCPTS - 121 #					20 A	1	2
3 5	1	20 A 20 A					RCPTS - 122 # RCPTS - 196 #			540 VA	2500 VA	540 VA	2500 VA	RCPT- DRYER (195.4)					30 A	2	4
7	1	20 A					RCPTS - 121 #	360 VA	540 VA					RCPTS - 121 #					20 A	1	8
9	1	20 A	#8	3	#10	3/4"	RCPT - 122B #			180 VA	360 VA			RCPTS - CORR 117.9					20 A	1	1
11	1	20 A					RCPT - WASH (195.4) #					180 VA	360 VA	RCPTS - CORR 123.9					20 A	1	1
13	1	20 A					RCPTS - 122 #	540 VA	1000 VA					RCPT - ICE (196) #					20 A	1	1
15	1	20 A					RCPTS - 195.2/195.3 #			360 VA	360 VA			RCPTS - 122 #					20 A	1	1
17	1	20 A					RCPTS - 195.4, 136.4 #					360 VA	360 VA	RCPTS - 122 #					20 A	1	1
19	1	20 A					RCPT - 122B #	180 VA	360 VA					RCPTS - 196 #					20 A	1	2
21	1	20 A					RCPTS - 121 #			360 VA	0 VA			SPARE #					20 A	1	2
23	1	20 A					RCPTS - 121 #					360 VA	0 VA	SPARE #					20 A	1	2
25	1	20 A					RCPTS - 122 #	360 VA	360 VA					RCPTS - 122 #					20 A	1	2
27	1	20 A					SPARE #			0 VA	0 VA			SPARE #					20 A	1	2
29	1	20 A					SPARE #					0 VA	0 VA	SPARE #					20 A	1	3
31	1	20 A					RCPTS - 121 #	360 VA	0 VA					SPARE #					20 A	1	3
33	1	20 A					SPARE #			0 VA	0 VA			SPARE #					20 A	1	3
35	1	20 A					SPARE #					0 VA	0 VA	SPARE #					20 A	1	3
37	1	20 A					SPARE #	0 VA	0 VA					SPARE #					20 A	1	3
39	1	20 A					SPARE #			0 VA	0 VA			SPARE #					20 A	1	4
41	1	20 A					SPARE #					0 VA		SPARE #					20 A	1	4
							ED LOAD PER PHASE	4780			AV C		AV C	-							
	* -GI	CI BRE	AKER	** -SHU	NT TRI	P BREAKER			4	E	3		2		# -PROVID PANELBC						
							AL CONNECTED LOAD: AL CONNECTED LOAD:		/A						รเ	JPPLIED	FROM:	SD3P1-	1		



6	7	8	9	10	11

, _	l0k	SYN	/I. A.I.C		ENCLOSURE	TYPE	Туре 1				
ER WI	TH _10	00		RIP							
_6	60 H	ERTZ	100	_AMP BUS	SE L	ABEL_					
I	3	c	;	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CK NO
				RCPT - 123.1 #					20 A	1	2
0 VA	720 VA			RCPTS - 118 #					20 A	1	4
		540 VA	0 VA	SPARE #					20 A	1	6
				SPARE #					20 A	1	8
/A	0 VA			SPARE #					20 A	1	10
		0 VA	0 VA	SPARE #					20 A	1	12
				SPARE #					20 A	1	14
/A	0 VA			SPARE #					20 A	1	16
		0 VA	0 VA	SPARE #					20 A	1	18
				SPARE #					20 A	1	20
/A	0 VA			SPARE #					20 A	1	22
		0 VA	0 VA	SPARE #					20 A	1	24
				SPACE							26
VA 🛛	0 VA			SPACE							28
		0 VA	0 VA	SPACE							30
	) VA	540									
	3	C	;		# -PROVID PANELBO						

UGS) OR 2	AMP MAIN (L						
<u>3</u> P	/OLTS		208Y/1				
LOAD S	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
RCPTS -					20 A	1	1
FLOOR BOX					20 A	1	3
RCPTS -					20 A	1	5
RCPTS -					20 A	1	7
RCPTS -					20 A	1	9
FLOOR BOX					20 A	1	11
FLOOR BOX					20 A	1	13
FLOOR BOX					20 A	1	15
SPAF					20 A	3	17 19 21
							23
SPAF					20 A	3	25
					-		27
							29
SPAF					20 A	3	31
						-	33
							35
SPAF					50 A	2	37
							39
SPAF					50 A	2	41
ED LOAD PE	L CONNECT BREAKER		** -SHU	KER	CI BREA	* -GF	

## NOTE: BREAKERS SHOWN FOR S3P1-2 S1 AND S3P1-2 S2 REPF THE TWO PANELS TO ACCOMPLISH THE PROVIDED SCHEDULE

## PANELBOARD: S3P1-2 S2 (EX

Location: TECHNOLOGY .... 225 AMP MAIN (LUGS) OR

<u>3</u> P	OLTS	120 \	208Y/1				
LOAD S	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
							1
SPAF					20 A	3	3
						-	5
							7
SPAF					20 A	3	9
						-	11
							13
SPAF					20 A	3	15
						-	17
							19
SPAF					20 A	3	21
						-	23
SPAF					20 A	1	25
SPAF					20 A	1	27
SPAF					20 A	1	29
SPAF					20 A	1	31
							33
							35
							37
							39
							41
ED LOAD PE AL CONNEC AL CONNEC			** -SHU	KER	CI BREA	* -GF	

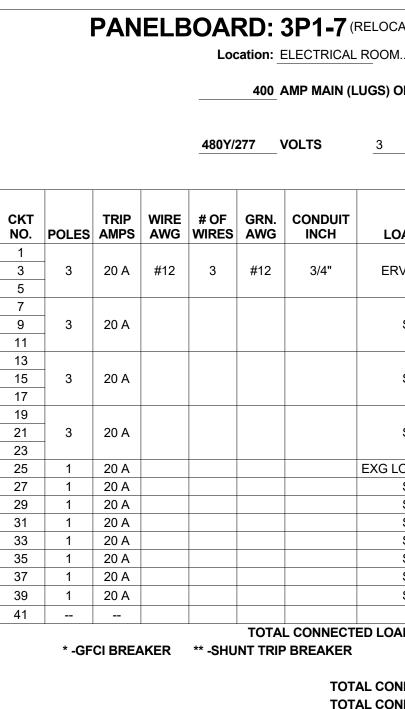


1	I 12	I 13	1	14	1	15	I		16	I	17	
			<b>I</b>		I		1			I		General Notes
												A. FOR GENERAL NOTES, REFER TO DRAWING AE050. B. FOR ALL EXISTING OR RELOCATED PANELS, EXISTING
<u> </u>											A	BREAKERS ARE INDICATED WITH #. C. PROVIDE UPDATED PANEL SCHEDULES IN ALL PANELS THAT RECEIVE NEW LOADS. WHERE AN EXISTING LOAD IS INDICATED, PROVIDE SIMULAR DESCRIPTION AS EXISTING DAME. SCHEDULE
	S3P1-2 S1 ^(EXISTING) TECHNOLOGY Surfa		10K	SYM. A.I.C	I	ENCLOSURE		Гуре 1				PROVIDE SIMILAR DESCRIPTION AS EXISTING PANEL SCHEDULE. D. WHERE BREAKERS ARE TO BE REMOVED FROM EXISTING OR RELOCATED PANELS TO MAKE SPACE FOR NEW LOADS, TURN
	AMP MAIN (LUGS) OR 225	AMP MAIN BREAKER	WITH 2	25 <b>AMP</b>	TRIP			_	·		-	OVER BREAKERS TO OWNER. E. SPARE BREAKERS ARE TO BE LEFT IN THE OFF POSITION.
3Y/120	VOLTS <u>3</u> PHASE	_4WIRE	<u>60</u> H	ERTZ <u>225</u>	AMP BUS	SEI						
											В	
F GRN. ES AWG	CONDUIT INCH LOAD SERVED	A	В	С	LOAD SERVED					TRIP CKT AMPS POLES NO.		
	RCPTS - 123D #           FLOOR BOXES - 123	360 VA 360 VA 720 V	A 720 VA		RCPTS - 123D # FLOOR BOXES - 123					20 A         1         2           20 A         1         4	_	
	RCPTS - 123D #           RCPTS - 123C #           RCPTS - 123C #	720 VA 540 VA 540 V	A 720 VA	540 VA 540 VA	FLOOR BOXES - 123 RCPTS - 123C # FLOOR BOXES - 123					20 A         1         6           20 A         1         8           20 A         1         10		
	FLOOR BOXES - 123           FLOOR BOXES - 123	720 VA 720 VA		720 VA 720 VA	FLOOR BOXES - 123 FLOOR BOXES - 123					20 A         1         12           20 A         1         14	U	
	FLOOR BOXES - 123 SPARE #	0 VA 0 VA	A 0VA	0 VA 0 VA	SPARE #					20 A 3 18 20 A 20	J	
		AV 0	A 0 VA	0 VA 0 VA	SPARE #					20 A 3 24		
	SPARE #	0 VA 0 VA 0 VA	0 VA	0 VA 0 VA	SPARE #					26 28 20 A 3 30	_	
	SPARE #	0 VA 0 VA 0 VA	A 0 VA							32 34		
	SPARE #	0 VA 0 VA 0 VA	0 VA	0 VA 0 VA	SPARE #					20 A 3 36 38 20 A 1 40	Δ	
тоти	SPARE #		420 VA	0 VA 0 VA 2520 VA	SPARESPARE #					20 A 1 40 20 A 1 42		
HUNT TRI	P BREAKER	A	В	C		# -PROVID PANELBC					_	
	TOTAL CONNECTED LOAD: TOTAL CONNECTED LOAD:					SL	JPPLIED	FROM:	SD3P1-	I		
											ш	
	2 S1 AND S3P1-2 S2 REPRESENT TH HE PROVIDED SCHEDULES.	IE TOTAL NUMBER OF EX	(ISTING BR	EAKERS BETWEEN	THE TWO PANELS. BR	REAKERS WI	LL NEED	) TO BE	RELOC	TED BETWEEN		
<u>م</u> م.											_	
	S3P1-2 S2 (EXISTING) TECHNOLOGY Surfa		10K	SYM. A.I.C	I	ENCLOSURE		Гуре 1				
225	AMP MAIN (LUGS) OR	AMP MAIN BREAKER	WITH	AMP	TRIP							
3Y/120	VOLTS <u>3</u> PHASE	_4WIRE	<u>60</u> H	ERTZ 225	AMP BUS	SE I					ш	
				1								
F GRN. ES AWG	CONDUIT INCH LOAD SERVED	Α	В	С	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP CKT AMPS POLES NO.	_	
	SPARE #	0 VA 0 VA 0 VA	0 VA		SPARE #					20 A 3 4 6		
	SPARE #	0 VA 0 VA 0 VA	0 VA	0 VA 0 VA	SPARE #					20 A 3 10	ര	
		0 VA 0 VA		0 VA 0 VA						12 14		
	SPARE #	0 VA 0 VA 0 VA	A 0 VA	0 VA 0 VA	SPARE #					20 A 3 16 18 20	-	-
	SPARE #		A 0 VA	0 VA 0 VA	SPARE #					20 A 3 22 24		
	SPARE # SPARE # SPARE #	AV 0 VA 0 VA 0 VA	0 VA	0 VA 0 VA	SPARE # SPARE # SPARE #					20 A         1         26           20 A         1         28           20 A         1         30	т	
	SPARE #	0 VA 0 VA		0 VA 0 VA	SPARE #					20 A         1         30           20 A         1         32           34         34	_	
										36 38		
тоти	AL CONNECTED LOAD PER PHASE	0 VA	0 VA	0 VA						40	_	
	P BREAKER	A	В	C		# -PROVID PANELBC						
	TOTAL CONNECTED LOAD: TOTAL CONNECTED LOAD:					SL	JPPLIED	FROM:			_	SED Control No. 60-01-01-06-0-018-023
											-	
ARD:	S3P1-3 S1 (RELOCATED)											Rev. No.: Date: Description:
			10K	SYM. A.I.C		ENCLOSURE	TYPE T	Гуре 1			۔ ~	
	AMP MAIN (LUGS) OR 225A	AMP MAIN BREAKER	WITH 2	25A <b>AMP</b>	TRIP	SEI	LABEL					
3Y/120	VOLTS <u>3</u> PHASE	4 WIRE	<u>60</u> H	<b>ERTZ</b> 225	AMP BUS	UL I					_	
	CONDUIT	Α	В	с		CONDUIT	CDN	# 05			-	
F GRN. ES AWG	INCH LOAD SERVED RCPTS - 123B	180 VA 540 VA			LOAD SERVED RCPTS - 123B	CONDUIT INCH		# OF WIRES	WIRE AWG	TRIP AMPSCKT POLES20 A12	×	
	CR - DRUM SANDER #		A 860 VA	1560 VA 1200 VA	CR - SANDERS # CONN: CNC PUMP #	3/4"	#12	2	#12	20 A         1         4           20 A         2         6           20 A         2         8	×	CLEAR SOLUTIONS Tetra Tech Engineers, Architects & Landscape Architects, P.C.
	CR - SANDERS # CR - BAND SAW	860 V	A 1104 VA	672 VA 768 VA	CRS - DRILL PRESSES CR - LATHES #					20 A         1         10           20 A         1         12		Tetra Tech Engineers, Architects
	CR - BAND SAW CR - BAND SAW		A 768 VA		CR - LATHES # CR - LATHES #					20 A         1         14           20 A         1         16	-	& Landscape Architects, P.C.
	RCPT - CNC ROUTER #         CR - CNC LATHE #         CR - CNC MILL #	1440 VA 1800 VA	/A 1800 VA	1440 VA 1800 VA	CR-PLANER # CR - MITER SAW # CR - PLANER #					20 A         1         18           20 A         1         20           20 A         1         20		
#12	3/4" TABLE SAW #	60 VA 3038 VA		60 VA 3038 VA	DC-1	3/4"	#10	3	#8	50 A 3 26	-	<b>TETRATECH</b> ARCHITECTS & ENGINEERS
	SPARE #	0 VA 0 VA	A 3038 VA	0 VA 0 VA	SPARE #					28 30 20 A 3 32		
		AV 0	0 VA	0 VA 0 VA						34 36	-	Waverly Central School District
	SPARE #	AV 0 AV 0 AV 0	A 0 VA		SPARE #					20 A 3 38 40		Waverly, NY
	SPARE AL CONNECTED LOAD PER PHASE P BREAKER	10634 VA 10	)782 VA B	0 VA 0 VA 10538 VA <b>C</b>	SPARE	# -PROVID					≥	Additions and Alterations to:
	TOTAL CONNECTED LOAD:	89 A				PANELBO	DARD MA	ANUFAC	TURER	FOR		Waverly Jr. Sr. High School
	TOTAL CONNECTED LOAD:	31.955 kVA				SL	JPPLIED	FROM:	SD3P1-			
												Panel Schedules
											r	Drawn By: Date: Drawing Number:
											z	AEL 05/19/2023
												AE600
	1	1					1			1		

	ELBOARD: S3P1-7 Location: ELECTRICAL 225 AMP MAIN (L	ROOM Recesse	ed MOUNTED	10K KER WITH	SYM. A.I.C AMP	. E	ENCLOSURE	E TYPE T	ype 1		
	208Y/120 VOLTS	3 <b>PHASE</b>	4 WIRE	60 <b>HER</b>			SEI				
	_2061/120VOLIS	<u>3</u> <b>PRASE</b>	_4WIKE		1 <b>Z</b> <u>225</u>		1				
	WIRE # OF GRN. CONDUIT AWG WIRES AWG INCH	LOAD SERVED	A	В	С	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF W WIRES A	/IRE TRI WG AMF	P S POLE
1         1         20 A           3         1         20 A           5         1         20 A		EF-30 ERV-2 RECEPTACLE ERV-1 RECEPTACLE	0 VA 72 VA 1	180 VA 360 VA	80 \/A 540 \/A	DOOR HOLDS RCPTS - 184.3, 184.4 RCPTS - 181.2, 182.1,				20 / 20 / 20 /	A 1
7         1         20 A           9         1         20 A		RCPTS - 181, 181.1 RCPTS - 182	360 VA 750 VA 5	540 VA 720 VA		HEAT TAPE (181.1, 183) RCPTS - 136.3				20 / 20 /	A 1 A 1
11         1         20 A           13         1         20 A           15         1         20 A		RCPTS - 184 RCPTS - 195 HEAT TAPE (182, 184	900 VA 900 VA	000 VA 1144 VA	050 VA 540 VA	RCPTS - 184.1 RCPTS - 195				20 /	
13         1         20 A           17         1         20 A           19         1         20 A		RCPTS - 195	950 VA 540 VA		20 VA 1144 VA	- RCU-8 (ROOF) RCPTS - 183				15 / 20 /	
21         1         20 A           23         1         20 A		RCPTS - 183.1 HEAT TAPE (185, 195.3)		540 VA 720 VA 7	50 VA 800 VA					20 /	A 1
25         1         20 A           27         1         20 A           29         1         20 A		RCPTS - 185 HEAT TAPE (184) RCPT - TMILL 195	720 VA 750 VA 750 VA 7	750 VA 800 VA	00 VA 950 VA	HEAT TAPE (183.1, RCPTS - BIKES 195 HAND DRYER - 185				20 / 20 / 20 /	A 1
20         1         20 A           31         1         20 A           33         1         20 A			800 VA 800 VA	300 VA 950 VA		RCPT - TMILL 195 HAND DRYER - 185				20 /	A 1
35         1         20 A           37         1         20 A			950 VA 950 VA		50 VA 950 VA	HAND DRYER - 184				20 /	A 1
39         1         20 A           41         1         20 A           43         1         20 A		HAND DRYER - 184 HAND DRYER - 183 HAND DRYER - 183	950 VA 950 VA	950 VA 950 VA 950 VA 950 VA 950 VA	50 VA 950 VA	HAND DRYER - 183.1 HAND DRYER - 181.1 HAND DRYER - 182				20 / 20 / 20 /	A 1
43         1         20 A           45         1         20 A           47         1         20 A		HAND DRYER - 183 HAND DRYER - 182 EXISTING LOAD	<u> </u>	950 VA 950 VA	0 VA 1380 VA	HAND DRYER - 181.1 EWC-1'S (195)				207	A 1
49120 A51120 A		EXISTING LOAD EXISTING LOAD	0 VA 950 VA	0 VA 1380 VA		HAND DRYER - 181 EWC-1 (184.1, 183.1)	3/4"	#12	2 ‡	20 / #12 20 /	A 1 A 1
53         1         20 A           55         1         20 A           57         1         20 A		EXISTING LOAD EWC-1 (183, 182) SPARE	1380 VA 0 VA	0 VA 0 VA	0 VA 0 VA	SPARE SPARE				20 /	
57         1         20 A           59         1         20 A           61         1         20 A		SPARE SPARE SPARE	0 VA 0 VA		0 VA 0 VA	SPARE				20 /	A 2
63120 A65120 A		SPARE SPARE		0 VA 0 VA	0 VA 0 VA	SPARE SPARE				20 /	A 1
67120 A69120 A		SPARE SPARE	0 VA 0 VA	0 VA 0 VA		SPARE SPARE				20 /	A 1
71 1 20 A * -GFCI BREA		SPARE ED LOAD PER PHASE	13672 VA	13684 VA B	0 VA 0 VA 12654 VA <b>C</b>	SPARE	# -PROVID			20 /	
	тот		111 A				PANELBO	DARD MA	NUFACTU	RER FOR.	
	τοτ	AL CONNECTED LOAD:	40.010 kVA				SL	UPPLIED	FROM: <u>T2</u>		
PAN	ELBOARD: 3L1-2										
	Location: ELECTRICAL			<u>18K</u>	SYM. A.I.C		ENCLOSURE		уре 1		
	AMP MAIN (L	LUGS) OR 100	AMP MAIN BREAU	<b>KER WITH</b> 100	AMP	' TRIP	<u>. SF I</u>	LABEL			
	480Y/277 VOLTS	3 PHASE	4 WIRE	<u>60</u> HER	<b>TZ</b> 225	AMP BUS	JE I	_ <b></b>			
			Α	В	С		CONDUCT	ODY	# 05	//PE	B
	WIRE     # OF     GRN.     CONDUIT       AWG     WIRES     AWG     INCH	LOAD SERVED	A 2001 VA 2314 VA	-		LOAD SERVED			# OF W WIRES A	/IRE TRI WG AMF 20/	S POLE
3         1         20 A           5         1         20 A		LTS:195.2-3,183.1-185 LTS: 135.6,136.1,140	3	153 VA 3106 VA 3	15 VA 0 VA	LTS:136.2-5,141.142-3 SPARE				20 / 20 /	A 1 A 1
7         1         20 A           9         1         20 A           11         1         20 A		SPARE SPARE SPARE	0 VA 0 VA	0 VA 0 VA	0 VA 0 VA	SPARE SPARE SPARE				20 / 20 / 20 /	A 1
11         1         20 A           13         1         20 A           15         1         20 A		SPARE SPARE SPARE	0 VA 0 VA	0 VA 0 VA		SPARE SPARE SPARE				207	A 1
17120 A19120 A		SPARE SPARE	0 VA 0 VA		0 VA 0 VA	SPARE SPARE				20 / 20 /	A 1 A 1
21         1         20 A           23         1         20 A           25		SPARE SPARE		0 VA 0 VA	0 VA 0 VA	SPARE SPARE				20 /	
25 27 29											
31 33											
35 37 39											
41 * -GFCI BREA		ED LOAD PER PHASE	4267 VA A	6260 VA B	315 VA C	_	# -PROVID				Y
	тот	(RELOCATED) AL CONNECTED LOAD: AL CONNECTED LOAD:	13 A	I		_	PANELBO		NUFACTU		
PAN	ELBOARD: 3EM1- Location: TEAM ROOM		ed MOUNTED	35k	SYM. A.I.C		ENCLOSURE	<b>E TYPE</b> T	ype 1		
		LUGS) OR 125	AMP MAIN BREAU			' TRIP		- <u>.</u> ,			
	480Y/277 VOLTS	3 <b>PHASE</b>	4 WIRE	60 <b>HER</b> '	TZ 125	AMP BUS	SEI				
					120						
	WIRE # OF GRN. CONDUIT		Α	В	С						
NO.         POLES         AMPS           1         1         20 A           3         1         20 A	AWG WIRES AWG INCH	LOAD SERVED EXISTING LOAD # EXISTING LOAD #	0 VA 0 VA	0 VA 0 VA		LOAD SERVED EXISTING LOAD # EXISTING LOAD #	INCH	AVVG	WIRES A	WG AMF 207 207	A 1
5 1 20 A 7		EXISTING LOAD #	0 VA 0 VA		0 VA 0 VA	EXISTING LOAD #				20 /	A 1
9 3 20 A 11 2 4 20 A	EXG EXG EXG	EXISTING LOAD #		0 VA 0 VA	0 VA 0 VA	EXISTING LOAD #	EXG	EXG	EXG E	XG 20 /	A 3
13         1         20 A           15		EXISTING LOAD #	0 VA								
19           21											
23 25											
27 29 31											
31           33           35											
		MAIN	0 VA	0 VA							
37             39											
		MAIN ED LOAD PER PHASE	0 VA	0 VA <b>B</b>	0 VA   0 VA C	_	# -PROVID		(ED 40 -		<b>v</b>

	PAN	IELBO		3P1-5			_18K	SYM	. A.I.C	I	ENCLOSURE	TYPE T	ype 1						D. — E.	WHERE I RELOCA OVER BF	E SIMILAR DE BREAKERS A TED PANELS REAKERS TO REAKERS AF	RE TO B TO MAK OWNER
				amp main (l		AMP MAIN BRE			AMP TRIP		SEL	_ABEL_										
			)Y/277	VOLTS	<u>3</u> <b>PHASE</b>	_4WIRE	60	HERTZ	400 AMP I	BUS								ſ	æ			
POLES	TRIP AMPS	AWG WIR	ES AWG	CONDUIT INCH	LOAD SERVED	A 1187 VA 6905 VA	B	C	LOA	D SERVED	CONDUIT INCH	AWG			AMPS F	POLES	<b>CKT</b> <b>NO.</b> 2		_			
3	15 A	#12 3	#12	3/4"	AHU-1	5524 VA 540 VA	1187 VA 690	1187 VA 6	6905 VA	ERV-3 #	3/4"	#10	3	#10	30 A	3	4 6 8					
3	30 A	#10 3		3/4"	RTU-1A	0 VA 0 VA	5524 VA 144	5524 VA	540 VA	T-CP1 #	EXG	EXG	EXG	EXG		3	10 12 14		ပ			
3	30 A	#10 3	#10	3/4"	RTU-2A	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	SPARE #					20 A	3	16 18 20					
3	50 A				SPARE #	0 VA 0 VA	0 VA 0	VA 0 VA		SPARE #					40 A	3	22 24 26		-			
3	40 A				SPARE #	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	SPARE #					40 A	3	28 30 32					
3	40 A				SPARE #	0 VA 0 VA	0 VA 0	VA 0VA	0 VA	SPARE #					40 A	3	34 36 38	ſ				
3	40 A		тота		SPARE #	. 14156 VA	0 VA 0 15056 VA		0 VA	SPARE #					100 A	3	40 42					
* -GI	FCI BRE	AKER ** -\$	HUNT TRII	P BREAKER	AL CONNECTED LOAD:	<b>A</b>	В	C			# -PROVID PANELBC											
					AL CONNECTED LOAD:		-				SL	JPPLIED	FROM:						ш			
	PAN				(EXISTING)														-			
			-	WORKSHOP		AMP MAIN BRE		SYM.	. A.I.C AMP TRIP	I	ENCLOSURE	E <b>TYPE</b> <u>⊺</u>	ype 1									
		_20	SY/120	VOLTS	<u>3</u> PHASE	4 WIRE	_60	HERTZ	225 <b>AMP</b> I	BUS	SE L	_ABEL						I	ш			
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		WIRE # C	F GRN. ES AWG		3 PHASE LOAD SERVED ERV-2 (ROOF) #			95 VA	LOA ERV-	<b>D SERVED</b> -1 (ROOF) #	CONDUIT INCH 3/4"		<b># OF</b> WIRES		TRIP AMPSF30 A	POLES	NO. 2 4		∽ comp	blex world	CLEAR SO	LUTIC
POLES	TRIP AMPS	WIRE # C AWG WIR	F GRN. ES AWG	CONDUIT INCH	LOAD SERVED	A	B 1328 VA 690	1328 VA 6 VA	ERV- 6905 VA		INCH	AWG	WIRES	AWG	AMPS F		NO. 2 4 6 8 10		×	(		
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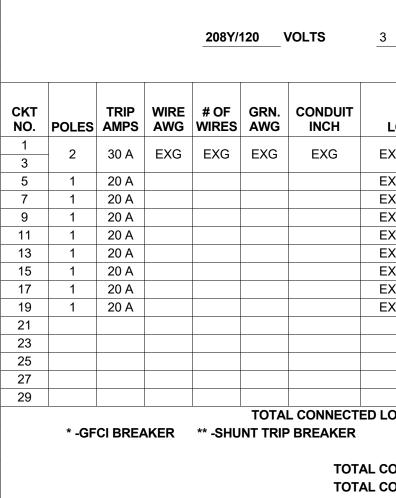
<u>General Notes</u>	
<ul> <li>A. FOR GENERAL NOTES, REFER TO DRAWING AE050</li> <li>B. FOR ALL EXISTING OR RELOCATED PANELS, EXIST</li> </ul>	
BREAKERS ARE INDICATED WITH #. C. PROVIDE UPDATED PANEL SCHEDULES IN ALL PA	NELS THAT
RECEIVE NEW LOADS. WHERE AN EXISTING LOAD PROVIDE SIMILAR DESCRIPTION AS EXISTING PAN D. WHERE BREAKERS ARE TO BE REMOVED FROM E	EL SCHEDULE.
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Tetra Tech Engineers, Architects	
& Landscape Architects, P.C.	
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					100	AMP MAIN (I	_UGS) OR		MAIN BRE	AKER WI	тн		AMP	TRIP							
				208Y/*	120	VOLTS	<u>3</u> PHASE	4	WIRE	6	60 HI	ERTZ	100	AMP BUS	SEI	LABEL					
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG		LOAD SERVED		4	I	3	(	;	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1 3 5	3	15 A	#12	3	#12	3/4"	NORTH BLEACHERS #	1322 VA	1322 VA		1322 VA	1322 VA	1322 \/A	SOUTH BLEACHERS #	3/4"	#12	3	#12	20 A	3	2 4 6
7	1	20 A					EXISTING LOAD #	0 VA	1173 VA			1022 VA	1022 VA	BACKSTOP					15 A	1	8
9	1	20 A					EXISTING LOAD #	0 171	1110 111	0 VA	0 VA			EXISTING LOAD #					20 A	1	10
11	1	20 A					EXISTING LOAD #			• • • •		0 VA	0 VA	EXISTING LOAD #					20 A	1	12
13	1	15 A					BACKSTOP	1173 VA	1173 VA					BACKSTOP					15 A	1	14
15	1	15 A					BACKSTOP			1173 VA	1173 VA			BACKSTOP					15 A	1	16
17	1	15 A					BACKSTOP					1173 VA	1173 VA	BACKSTOP					15 A	1	18
19	1	15 A					BACKSTOP	1173 VA	1173 VA					BACKSTOP					15 A	1	20
21	1	15 A					BACKSTOP			1173 VA	1173 VA			BACKSTOP					15 A	1	22
23	1	15 A					BACKSTOP					1173 VA	437 VA	ROLL CURTAIN (136) #					20 A	1	24
25	1	15 A					ROLL CURTAIN (136)	437 VA	100 VA					UH-1, UH-2 (MECH 30					20 A	1	26
27	1	20 A					RCPTS - MECH 300 #			720 VA	1200 VA			CONN: VBOARD					20 A	1	28
29							SPACE					0 VA	240 VA	RCPTS - SHOT CLOCK					20 A	1	30
31							SPACE	0 VA	0 VA					SPACE							32
33							SPACE			0 VA	0 VA			SPACE							34
35							SPACE					0 VA	0 VA	SPACE							36
37							SPACE	0 VA	0 VA					SPACE							38
39							SPACE			0 VA	0 VA			SPACE							40
41							SPACE					0 VA	0 VA	SPACE							42
					TOTA	L CONNECT	ED LOAD PER PHASE	904	5 VA	925	5 VA	6839	AV 6								
	* -GF	CI BREA	KER	** -SHU	NT TRIF	<b>P BREAKER</b>			4	i	3	(	)		# -PROVID	E BREA	KER AS	REQUIR	ED BY		

		PAN	IELE			1P2-1	212.99 Recess	ed MOUN	ITED		20k	SY	M. A.I.C	E	INCLOSURE		Туре 1				
					400	AMP MAIN (I	LUGS) OR	AMP I	MAIN BRE	AKER W	ΙТΗ		AMP	TRIP							
				480Y/	277	VOLTS	3 <b>PHASE</b>	4	WIRE	-	60 <b>H</b>	ERTZ	400	AMP BUS	SEI	LABEL					
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG	CONDUIT INCH	LOAD SERVED		A		В		C	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG		POLES	
1	1	20 A					HEATER 214a #	0 VA	0 VA					HEATER BOYS AND					20 A	1	2
3	1	20 A					HEATER 210a #			0 VA	0 VA			HEATER BOYS AND					20 A	1	4
5	1	20 A					HEATER 208 #					0 VA	0 VA	HEATER BOYS AND					20 A	1	6
7	1	20 A					HEATER 210/212 #	0 VA	0 VA					EXHAUST FAN 213B							8
9	1	20 A					HEATER 210/212			0 VA	0 VA			(ROOF) - (EXG) #	EXG	EXG	EXG	EXG	20 A	3	10
11							SPACE	0.1/4	0000.1/4			0 VA	0 VA								12
13	2	00.4	EVO	EVO	FVO	EV0		0 VA	6928 VA	0.)/A	0000 \/A				0/4"	#10			10.0	2	14
15	3	20 A	EXG	EXG	EXG	EXG	FAN RM 210 (EXG) #			0 VA	6928 VA	0.) (A	C000 \/A	RCU-2 (ROOF)#	3/4"	#10	3	#8	40 A	3	16
17								0 VA	0 VA			0 VA	6928 VA								18
19 21	3	50 A	EXG	EXG	EXG	EXG	PANEL 21P2-1C (EXG)	UVA	UVA	0 VA	0 VA			XFMR 5-3 S1P2-1 (EXG)	EXG	EXG	EXG	EXG	50 A	3	20 22
23		50 A	ENG	ENG	ENG	ENG	#			UVA	UVA	0 VA	0 VA	#	ENG	ENG	ENG	ENG	50 A	3	22
25								0 VA	0 VA			UVA									24
27	3	50 A	EXG	EXG	EXG	EXG	XFMR T-4 (EXG) #			0 VA	0 VA			PANEL S1P1-1 (EXG) #	EXG	EXG	EXG	EXG	40 A	3	28
29		007			LAG	L/(O				0 1/1	0 1/1	0 VA	0 VA		LAG			LXO			30
31							HEATER	0 VA	4988 VA			0 1/1	0.111								32
33	3	30 A	EXG	EXG	EXG	EXG	213/215/217/218 (EXG)			0 VA	4988 VA			RCU-1 (COMP1)	3/4"	#10	3	#10	25 A	3	34
35	_			_	_		# ` `			-		0 VA	4988 VA				_		_	_	36
37								4988 VA	4988 VA												38
39	3	25 A	#10	3	#10	3/4"	RCU-1 (COMP2)			4988 VA	4988 VA			RCU-1 (COMP3)	3/4"	#10	3	#10	25 A	3	40
41	-											4988 VA	4988 VA	, ,							42
					тота		ED LOAD PER PHASE	2189	3 VA	218	93 VA		93 VA								
	* -GF		AKER	** -SHL	JNT TRI	P BREAKER			Α		В		С		# -PROVID	E BREA	KER AS	REQUIF	RED BY		
								L					-		PANELBO						
						тот	AL CONNECTED LOAD:	79 A													
						тот	AL CONNECTED LOAD:	65.680 k	VA						SL	JPPLIE	FROM:				-

				Loc	DARD: 1P2-2 Location: MECHANICAL Surfac																
						MECHANICAL	Surfa	nce MOUN	ITED	3	5k	SY	M. A.I.C		ENCLOSURE		Гуре 1				
					400	AMP MAIN (L	UGS) OR		MAIN BRE	AKER WI	тн			RIP							
				480Y/2	277	VOLTS	3 PHASE	4	WIRE	_6	60 HI	ERTZ	400	_AMP BUS	SE I	_ABEL_					
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG		LOAD SERVED		4	E	3	(	•	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								5820 VA	0 VA												2
3	3	50 A	#8	3	#10	3/4"	AHU-5(E) #			5820 VA	0 VA			SPARE #					20 A	3	4
5												5820 VA	0 VA								6
7	-							0 VA	0 VA												8
9	3	40 A					SPARE #			0 VA	0 VA			SPARE #					30 A	3	10
11												0 VA	0 VA								12
13								0 VA	1381 VA											_	14
15	3	30 A					SPARE #			0 VA	1381 VA	0.1/4	4004344	AHU-6(E) #	3/4"	#12	3	#12	20 A	3	16
17								0400.1/4	0400.1/4			0 VA	1381 VA								18
19 21	2	20 A	#12	2	#12	3/4"		2106 VA	2106 VA	2106 VA	2106 \/A				3/4"	#12	3	#12	20 A	3	20
21 23	3	20 A	#12	3	#12	3/4	AHU-4(E) #			2106 VA	2106 VA	2106 VA	2106 \/A	AHU-7(E) #	3/4	#12	3	#12	20 A	3	22 24
25 25								0 VA	942 VA			2100 VA	2100 VA								24
<u>27</u>	3	20 A					SPARE #		342 VA	0 VA	942 VA			AHU-8(E) #	3/4"	#12	3	#12	20 A	3	28
29	Ŭ	2077								0 1/1	542 177	0 VA	942 VA	/ (IO O(L) #	0/4	#12		#12	2077	0	30
31								0 VA	0 VA												32
33	3	20 A					SPARE #			0 VA	0 VA			SPARE #					20 A	3	34
35												0 VA	0 VA								36
37								0 VA	0 VA					SPARE #					20 A	1	38
39	3	20 A					SPARE #			0 VA	0 VA			SPACE							40
41												0 VA	0 VA	SPACE							42
							ED LOAD PER PHASE	1235	6 VA		6 VA		6 VA								
	* -GF	* -GFCI BREAKER ** -SHUNT TRIP BREAKER							A B C						# -PROVID PANELBC						
		TOTAL CONNECTED LOA																			

 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17



10		I I		11		1	12	13	1	1	4	15		1		16		1		17		
						·			·			·									<u>C</u>	General No
																					A. B. ≪	FOR GENERA FOR ALL EXIS BREAKERS A PROVIDE UPI
		PAI	NELE	BOA	RD:	S3EM1	<b>-1</b> (RELOCATED)														D.	RECEIVE NEV PROVIDE SIM WHERE BREA
				Lo	-	ELECTRICAL	_ ROOM Recess	MOUNTED	<u>10k</u>	<b>SY</b>	M. A.I.C AMP		ENCLOSURE	TYPE 1	Гуре 1						- E.	RELOCATED OVER BREAK SPARE BREA
				208Y	/120	VOLTS	3 <b>PHASE</b>	 4 <b>WIRE</b>	60	HERTZ	100	AMP BUS	SE L	ABEL_								
						1														ſ	æ	
CKT NO.	POLES			# OF WIRES		CONDUIT INCH	LOAD SERVED	Α	В		с	LOAD SERVED	CONDUIT INCH	GRN. AWG		WIRE AWG		POLES	CKT NO.			
1 3 5	- 2 1	30 A 20 A		EXG	EXG	EXG	EXISTING LOAD # EXISTING LOAD #	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	EXISTING LOAD # EXISTING LOAD #	EXG	EXG	EXG	EXG	20 A 20 A	2 1	2 4 6		-	
7 9 11	1 1 1	20 A 20 A 20 A					EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #					20 A 20 A 20 A	1 1 1	8 10 12			
13 15 17	1 1 1	20 A 20 A 20 A					EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #					20 A 20 A 20 A	1 1 1	14 16 18	C	C	
19 21 23	1	20 A					EXISTING LOAD #	0 VA 0 VA				EXISTING LOAD #					20 A	1	20 22 24			
25 27 29																			26 28 30		-	
23	* -GI	FCI BRI	AKER	** -SHI		L CONNECT P BREAKER	ED LOAD PER PHASE	0 VA	0 VA B		VA C		# -PROVIDI PANELBO									
							AL CONNECTED LOAD: AL CONNECTED LOAD:		-								FUK			<i>t</i>		
		PAI	NELE	BOA	RD:	1L1-2	(RELOCATED)													I	ш	
				Lo	-	elec RM 136 Amp Main (L		AMP MAIN BRE		SY	M. A.I.C AMP		ENCLOSURE	TYPE	Гуре 1							
													SE L	ABEL							_	
	1			<u>480Y</u>		VOLTS	<u>3</u> PHASE	_4WIRE	60	HERTZ	125	_AMP BUS			I		1					
КТ Ю.	POLES		S AWG	# OF WIRES		CONDUIT INCH	LOAD SERVED	A	В		с	LOAD SERVED	CONDUIT INCH	GRN. AWG		WIRE AWG		POLES	CKT NO.	ı	т	
1 3 5	1 1 1	20 A 20 A 20 A					LTS: WELL BALCONY # LTS: 136 HIGH BAYS # LTS: 136 HIGH BAYS #	1410 VA 3814 VA	3814 VA 381		3814 VA	LTS: 136 HIGH BAYS # LTS: 136 HIGH BAYS # LTS: 136 HIGH BAYS #					20 A 20 A 20 A	1 1 1	2 4 6			
7 9 11	1 1 1	20 A 20 A 20 A					SPARE # SPARE # SPARE #	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	SPARE # SPARE # SPARE #					20 A 20 A 20 A	1 1 1	8 10 12		-	
13 15	1	20 A 20 A 20 A 20 A					SPARE # SPARE # SPARE #	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	SPARE # SPACE SPACE					20 A 	1	14 16 18			
17 19 21	1	20 A 20 A 20 A					SPARE # SPARE #	0 VA 0 VA	0 VA 0	VA		SPACE SPACE					  	  	20 22	(	ט	
23 25 27	  	  					SPACE SPACE SPACE	0 VA 0 VA	0 VA 0	VA 0 VA	0 VA	SPACE SPACE SPACE					  	 	24 26 28			
29	 * -GI	 FCI BRI		** -SHI		L CONNECT P BREAKER	SPACE ED LOAD PER PHASE	5215 VA	7627 VA		0 VA 7 VA C	SPACE	# -PROVIDI	E BREA	KER AS	REQUI	 RED BY		30		-	
							AL CONNECTED LOAD: AL CONNECTED LOAD:		-				PANELBO	ARD MA			FOR					
									-											:	Ξ	
		ΡΔΙ		RΩΔ	RD.	S1P1-2	2 SECT1 (EXIS	ΓING)														
		. /	•		cation:	ELEC RM 136	6.1 Surfa		_22K		M. A.I.C		ENCLOSURE		Гуре 1						_	
							LUGS) OR 100	AMP MAIN BRE		100	AMP		SE L	ABEL_							SE	ED Contro
				_208Y	/120	VOLTS	<u>3</u> <b>PHASE</b>	WIRE	60	HERTZ	100	AMP BUS									-	
KT NO.	POLES			# OF WIRES	GRN. AWG		LOAD SERVED	A	В		с	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG		POLES	CKT NO.		Rev	/. No.: Date:
1 3 5	1 1 1	20 A 20 A 20 A					EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #	0 VA 1260 VA		VA 0 VA	360 VA	RCPTS - TRACK # EXISTING LOAD # BACKSTOP CNTL PN					20 A 20 A 15 A	1 1 1	2 4 6	-	~	
7 9 11	1 1 1	20 A 20 A 20 A					EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #	0 VA 1080 VA			180 VA	RCPTS - TRACK # NW SCOREBOARD # SE SCOREBOARD #					20 A 20 A 20 A 20 A	1 1 1	8 10 12			
13 15	1 1 1	20 A 20 A 20 A					EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #	0 VA 1552 VA		e va		VIDEOBOARD #				0///	20 A	1	14 16		-	
17 19 21	3	20 A	#12	3	#12	3/4"	EAST BLEACHERS #	529 VA 529 VA	529 VA 0	VA	529 VA	W BLEACHERS #	#12	3	#12	3/4"	20 A 20 A	3	18 20 22		com	plex world 🛯
23 25 27	1 1 1	20 A 20 A 20 A					RCPTS - STOR 140 RCPTS - 142 RCPTS - 143	900 VA 0 VA	540 VA 0	540 VA	0 VA	EXISTING LOAD # EXISTING LOAD # EXISTING LOAD #					20 A 20 A 20 A	1 1 1	24 26 28	2	×	CLE
29 31 33	1	20 A 20 A		EXG	EXG	EXG	RCPTS - 136.2 EXISTING LOAD (COPIER) #	0 VA 540 VA			360 VA	RCPTS - 136.2 RCPTS - 136.6, 141 RCPTS - 136 WEST					20 A 20 A	1 1 1	30 32 34		Te	etra Tech Engi
35 37	1	20 A 20 A					EXISTING LOAD # RCPTS - 135.6 #	180 VA 180 VA		0 VA	540 VA	RCPTS - 136 EAST RCPTS - 136.5					20 A 20 A 20 A	1 1 1	36 38		- &	Landscape Ar
39 41 43	- 2	15 A 20 A		2	#12	3/4"	RCU-9 (ROOF)	1542 VA 1540 VA		1144 VA	1542 VA	RCU-1 # VIDEOBOARD # VIDEOBOARD #					20 A 20 A 20 A	1 1 1	40 42 44			
45 47 49	2	30 A					SPARE #	0 VA 0 VA		VA 0 VA	0 VA	SPARE #					20 A 	2	46 48 50	-	-	
49 51 53	3	100 A			TOT		MAIN BREAKER			VA 0 VA	0 VA	SPACE SPACE SPACE							50 52 54		,	
	* -GI	FCI BRI	EAKER	** -SHI		P BREAKER		9831 VA	4510 VA <b>B</b>		3 VA C		# -PROVIDI PANELBO									Waverly ( Waverly, I
							AL CONNECTED LOAD: AL CONNECTED LOAD:		-				SU	IPPLIED	FROM:	T-2						
																			]	:		Additions Waverly J
																					<b> </b>	Panel Sch
																						Drawn By:
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																					A	AEL Project No.:

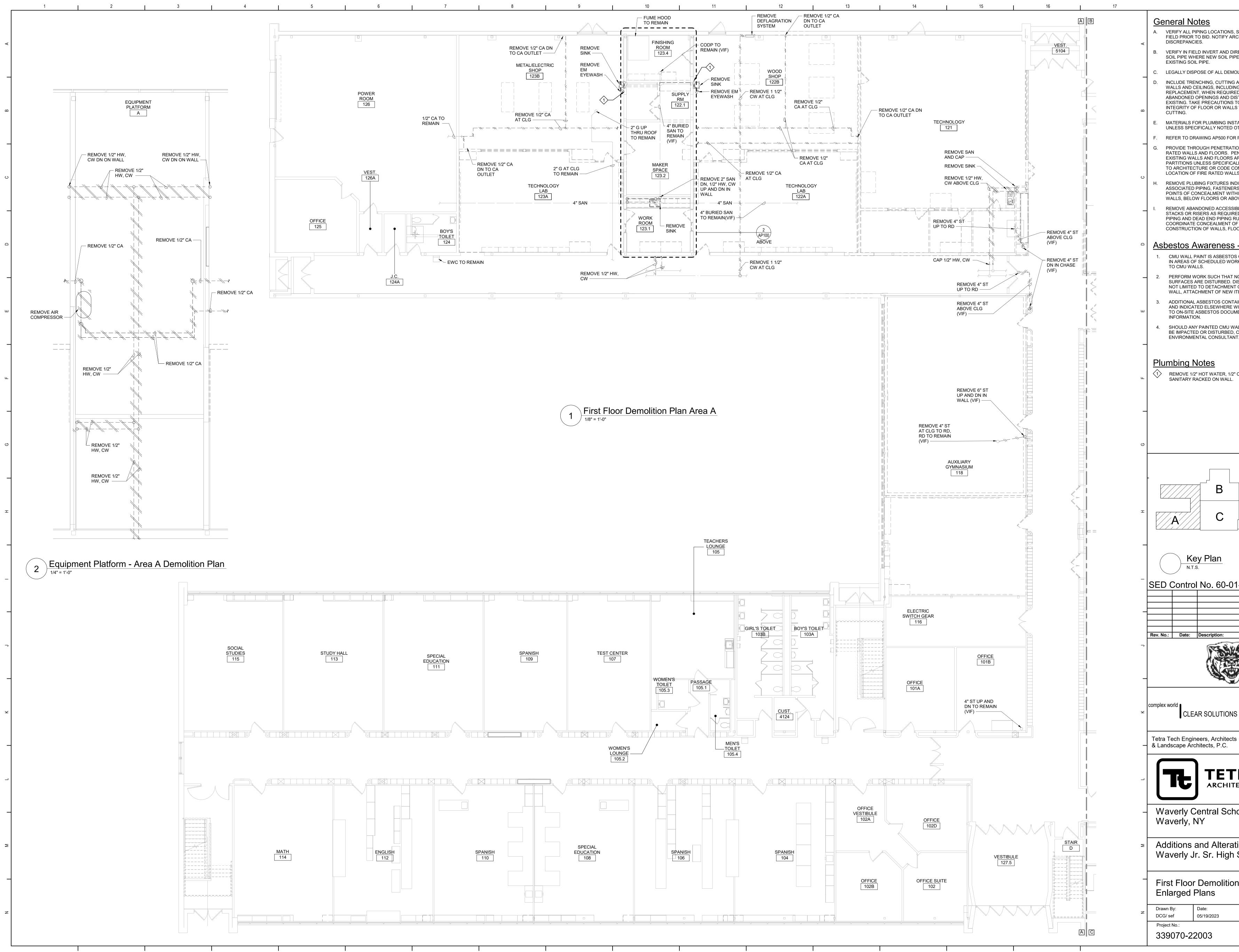
Gene	eral No	otes	
B. FC	OR ALL EXIS		D PANELS, EXISTING
C. PR RE	ROVIDE UPD	LOADS. WHERE AN	DULES IN ALL PANELS THAT EXISTING LOAD IS INDICATED,
D. Wł	HERE BREA	KERS ARE TO BE RE	S EXISTING PANEL SCHEDULE. MOVED FROM EXISTING OR PACE FOR NEW LOADS, TURN
٥V	/ER BREAKE	ERS TO OWNER.	T IN THE OFF POSITION.
SED (	Contro	I No. 60-01	-01-06-0-018-023
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Rev. No.: Complex we	orld CLEA	Description: Description: AR SOLUTIONS Heers, Architects chitects, P.C. TET ARCHITE	RATECH CTS & ENGINEERS
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Rev. No.: Tetra Ta & Lands Var Var Var Var Add Var	orld CLEA ech Engin scape Arc FC verly C verly C verly C verly J	Description: Description: AR SOLUTIONS Heers, Architects chitects, P.C. TETA ARCHITE Central School NY and Alterati	The second secon
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PANELBOARD: 2P2-3		PANELBOARD: 1P2-3	
Location:       SR. HIGH MECHANIC       Surface       MOUNTED       35k       SYM. A.I.C         400       AMP MAIN (LUGS) OR       AMP MAIN BREAKER WITH       AMP TRIP	ENCLOSURE TYPE Type 1	Location:       MECHANICAL       Surface       MOUNTED       35k       SYM. A.I.C         400       AMP MAIN (LUGS) OR       AMP MAIN BREAKER WITH       AMP TRIP	ENCLOSURE TYPE Type 1
<b>480Y/277 VOLTS</b> <u>3</u> <b>PHASE</b> <u>4</u> <b>WIRE</b> <u>60</u> <b>HERTZ</b> <u>600</u> <b>AMP BUS</b>	SE LABEL	<b>480Y/277 VOLTS</b> <u>3</u> PHASE <u>4</u> WIRE <u>60</u> HERTZ <u>400</u> AMP BUS	SE LABEL
CKT NO.     POLES     TRIP AMPS     WIRE AWG     # OF WIRES     GRN. AWG     CONDUIT INCH     LOAD SERVED       1     0 VA     0 VA     0 VA     0 VA     0 VA     0 VA     PH ROOM	CONDUIT INCHGRN. AWG# OF WIRESWIRE AWGTRIP AMPSCKT NO.2	CKT NO.     POLES     TRIP AMPS     WIRE AWG     # OF WIRES     GRN. AWG     CONDUIT INCH     LOAD SERVED     A     B     C     LOAD SERVED       1     1     20 A     -     -     -     LTG - MECH 300 #     347 VA     0 VA     -     -     -	CONDUIT INCH     GRN.     # OF WIRES     WIRE AWG     TRIP AMPS     POLES     CKT NO.       2
3     3     70 A     EXG     EXG     EXG     EXG     EXG     XMFR S2P2-4 (EXG) #       5	EXG EXG EXG EXG 50 A 3 4 6 8	3       1       20 A        Image: Constraint of the system of the sy	70 A 3 4 6
9         3         50 A         EXG         EXG         EXG         EXG         AHU-4 (EXG)#         Image: Constraint of the state of the stat	-3 #8 3 #10 3/4" 50 A 3 10 12 14	9     3     30 A     SPARE #     0 VA     0 VA     0 VA     0 VA       11	3/4" #12 3 #12 20 A 3 10 12 14
15     3     30 A     #10     3     #10     3/4"     RTU-WEST (RL) #     Image: Constraint of the second seco	#10 3 #10 3/4" 30 A 3 16 18	15     3     15 A     #12     3     #12     3/4"     RCU-3 (COMP3)     Image: Comparison of the second	N 20 A 3 16 18 20 A 3 20
19     0 VA     <	#10 3 #10 3/4" 30 A 3 22 24	21     3     20 A     #12     3     #12     3/4"     RCU-3 (COMP1) #     Image: Complex (Complex (Compl	50 A 3 22 24
25         30 A         EXG         EXG <td>30</td> <td>25         3880 VA         0 VA         Image: Constraint of the state o</td> <td>20 A 3 26 20 A 3 28 30</td>	30	25         3880 VA         0 VA         Image: Constraint of the state o	20 A 3 26 20 A 3 28 30
31         33         33         20 A         20 A         4         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	20 A 3 32 36	31         33         3         20 A         20 A         A         A         O VA	70 A 3 32 36
37         39         30         20 A         EXG         EXISTING LOAD #         0 VA	20 A         1         38           #         20 A         1         40           40         42         42         42	37       1       20 A       Image: Constraint of the system of the sys	20 A 1 38 40 42
TOTAL CONNECTED LOAD PER PHASE       1226 VA       0 VA       0 VA         * -GFCI BREAKER       ** -SHUNT TRIP BREAKER       A       B       C	# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR	TOTAL CONNECTED LOAD PER PHASE10878 VA10531 VA10531 VA* -GFCI BREAKER** -SHUNT TRIP BREAKERABC	# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR
TOTAL CONNECTED LOAD:       1 A         TOTAL CONNECTED LOAD:       1.226 kVA	SUPPLIED FROM:	TOTAL CONNECTED LOAD:       38 A         TOTAL CONNECTED LOAD:       31.939 kVA	SUPPLIED FROM:
PANELBOARD: 3L1-1		PANELBOARD: 2P2-1	
	ENCLOSURE TYPE Type 1	Location:       CORRIDOR 273.99       Recessed       MOUNTED       SYM. A.I.C	ENCLOSURE TYPE Type 1
100 AMP MAIN (LUGS) OR AMP MAIN BREAKER WITH AMP TRIP	SE LABEL	400 AMP MAIN (LUGS) OR AMP MAIN BREAKER WITH AMP TRIP	SE LABEL
480Y/277 VOLTS <u>3</u> PHASE <u>4</u> WIRE <u>60</u> HERTZ <u>100</u> AMP BUS		480Y/277     VOLTS     3     PHASE     4     WIRE     60     HERTZ     400     AMP BUS	
CKT NO.     TRIP POLES     TRIP AMPS     WIRE AWG     # OF WIRES     GRN. AWG     CONDUIT INCH     LOAD SERVED     A     B     C     LOAD SERVED       1     1     20 A     -     -     -     1455 VA     0 VA     -     SPARE #	CONDUIT INCHGRN. AWG# OF WIRESWIRE AWGTRIP AMPSCKT POLES20 A12	CKT NO.POLESTRIP AMPSWIRE AWG# OF WIRESGRN. AWGCONDUIT INCHDAD SERVEDABCLOAD SERVED1111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111 <td>CONDUIT INCH     GRN. AWG     # OF WIRES     WIRE AWG     TRIP AMPS     CKT POLES       1     0     0     0     0</td>	CONDUIT INCH     GRN. AWG     # OF WIRES     WIRE AWG     TRIP AMPS     CKT POLES       1     0     0     0     0
3         1         20 A          Image: Constraint of the system         Constr	20 A         1         4           20 A         1         6           20 A         1         8	3     3     70 A     EXG     EXG     EXG     EXG     EXG     EXG     EXG     XFMR T2P2-1C (EXG)     0 VA     0 VA     0 VA     0 VA       5     7     1     20 A     V     V     SPARE     0 VA     0 VA     0 VA     0 VA     0 VA	EXG EXG EXG EXG 20 A 3 4 6
9         1         20 A         Existing LOAD         0 VA         0 VA         0 VA         SPARE #           11         1         20 A         Existing LOAD         0 VA         0 VA         0 VA         0 VA         SPARE #           13         1         20 A         SPARE #         0 VA         0 VA         0 VA         0 VA         SPARE #	20 A         1         0           20 A         1         10           20 A         1         12           1         14         14	9         1         20 A         SPARE         0 VA         0 VA         0 VA         0 VA         EXISTING LOAD (ROOM 270)           11         1         20 A         SPARE         0 VA	EXG         EXG         EXG         EXG         20 A         3         10           12         14         14         14         14         14
15       1       20 A       Image: Constraint of the second sec	16           18	15       1       20 A       Image: Constraint of the second sec	EXG EXG EXG EXG 20 A 3 16 18
19     19     10     10     10     10     10     10       21     23     23     24     24     24     25     26     27	20 22 24	19       1       20 A       UV 267/271/272       0 VA       0 VA       UV 273/275         21       1       20 A       UV 275/276       OVA       0 VA       0 VA       0 VA         23       1       20 A       EXISTING LOAD       OVA       0 VA       0 VA       0 VA       0 VA	20 A         1         20           20 A         1         22           20 A         1         22           20 A         1         24
25       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27       27 <td< td=""><td>26           28           30</td><td>25     3     25 A     EXG     EXG     EXG     EXG     EXG     EXG     EXG     EXISTING LOAD       29     3     25 A     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0</td><td>5) EXG EXG EXG EXG 20 A 3 26 30 30 30</td></td<>	26           28           30	25     3     25 A     EXG     EXG     EXG     EXG     EXG     EXG     EXG     EXISTING LOAD       29     3     25 A     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0	5) EXG EXG EXG EXG 20 A 3 26 30 30 30
TOTAL CONNECTED LOAD PER PHASE3705 VA1051 VA312 VA* -GFCI BREAKER** -SHUNT TRIP BREAKERABC	# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR	31     33     3     50 A     EXG     EXG     EXG     EXG     EXG     EXG     EXG     XFMR T-8 (EXG)     0 VA     6928 VA     0 VA     6928	3/4" #10 3 #8 40 A 3 34 36
TOTAL CONNECTED LOAD:       6 A         TOTAL CONNECTED LOAD:       5.026 kVA	SUPPLIED FROM:	37     39     3     40 A     #8     3     #10     3/4"     RCU-5 (ROOF)     6928 VA     0 VA     6928 VA     0 VA     6928 VA     0 VA       41	3/4"     #12     3     #12     20 A     3     40       42
		* -GFCI BREAKER ** -SHUNT TRIP BREAKER A B C TOTAL CONNECTED LOAD: 50 A	# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR
		TOTAL CONNECTED LOAD: 41.570 kVA	SUPPLIED FROM:
		PANELBOARD: 2P2-2	
		Location:       SR. HIGH MECHANIC       Surface       MOUNTED       35k       SYM. A.I.C         AMP MAIN (LUGS) OR       175       AMP MAIN BREAKER WITH       175       AMP TRIP	ENCLOSURE TYPE Type 1
			SE LABEL
		480Y/277     VOLTS     3     PHASE     4     WIRE     60     HERTZ     400     AMP BUS	
		CKT NO.         POLES         TRIP AMPS         WIRE AWG         # OF WIRES         GRN. AWG         CONDUIT INCH         LOAD SERVED	CONDUIT INCH     GRN. AWG     # OF WIRES     WIRE AWG     TRIP AMPS     POLES     CKT NO.       2
		1       1       20 A       1       20 A       1       20 A       1       0 VA       4988 VA       1       0 VA       4988 VA       1       RCU-6 (COMP1)         3       1       20 A       1       20 A       1       0 VA       4988 VA       1       0 VA       4988 VA       1       1       RCU-6 (COMP1)         5       1       20 A       1       0 VA       4988 VA       1       0 VA       4988 VA       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	3/4" #12 3 #12 25 A 3 4 6
		1     3     25 A     #12     3     #12     3/4"     RCU-6 (COMP2)     4988 VA     4988 VA     4988 VA     4988 VA     4988 VA     4988 VA     Example     RCU-6 (COMP3)       11     11     13     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14     14	3/4" #12 3 #12 25 A 3 10 12 14
		15     3     50 A     #8     3     #10     3/4"     RCU-4 (ROOF)     Image: Color of the state of	20 A 3 16 18 20 A 3 20 18
		21     3     20 A     20 A     SPARE #     0 VA     0 VA     0 VA     0 VA     SPARE #       23     23     0 VA     0	20 A 3 22 24 24
		25     3     30 A     EXG     EXG     EXG     EXG     EXG     EXG     AHU-4 (EXG)#     0 VA     0 VA <t< td=""><td>EXG EXG EXG EXG 30 A 3 28 30 A 3 28 30 A 3 28</td></t<>	EXG EXG EXG EXG 30 A 3 28 30 A 3 28 30 A 3 28
		31     33     3     20 A     EXG     EXG     EXG     P-1 (EXG) #     0 VA     0 VA     0 VA     0 VA     0 VA       33     35     20 A     EXG     EXG     EXG     P-1 (EXG) #     0 VA     0 VA     0 VA     0 VA     0 VA     0 VA     SPARE #	70 A         3         34           36         36         36
		* -GFCI BREAKER       ** -SHUNT TRIP BREAKER       23833 VA       23833 VA       23833 VA         TOTAL CONNECTED LOAD PER PHASE       A       B       C	# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR
		TOTAL CONNECTED LOAD:       86 A         TOTAL CONNECTED LOAD:       71.499 kVA	SUPPLIED FROM:

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D <b>tes</b> L NOTES, REFER TO	DRAWING AE050.
TING OR RELOCATEI RE INDICATED WITH ;	D PANELS, EXISTING #.
/ LOADS. WHERE AN	DULES IN ALL PANELS THAT EXISTING LOAD IS INDICATED,
KERS ARE TO BE RE	S EXISTING PANEL SCHEDULE.
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LUMINAIRE SCHEDULE 277V	
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TYPE         SYMBOL         DESCRIPTION         IMANUFACTURERS (OR EQUAL)           WATTAGE         LUMENS         TYPE         MADEL OR SERIES         MOUNTING HEIGHT	
1       2' x 2' FLAT PANEL (RECESSED)       25       2900       LED       UTOPIA LIGHTING       ULP-2G-22-L25-3500       GRID	U
1 EMSAME AS TYPE 1 - WITH INTEGRAL BATTERY252900LEDUTOPIA LIGHTINGULP-2G-22-L25-3500GRID	
2 2' x 2' FLAT PANEL (RECESSED) 30 3390 LED UTOPIA LIGHTING ULP-2G-22-L30-3500 GRID	
2 EMSAME AS TYPE 2 - WITH INTEGRAL BATTERY303390LEDUTOPIA LIGHTINGULP-2G-22-L30-3500GRID	
3 2' x 2' FLAT PANEL WITH SURFACE MOUNT KIT 40 4404 LED UTOPIA LIGHTING ULP-2G-22-L40-3500 SURFACE	
3 EM     SAME AS TYPE 3 - WITH INTEGRAL BATTERY     40     4404     LED     UTOPIA LIGHTING     ULP-2G-22-L40-3500     SURFACE	
4 O 4" GERMICIAL WET LOCATION RECESSED DOWNLIGHT 9 1199 LED ZANIBONI LIGHTING GYP	
4 EMSAME AS TYPE 4 - WITH INTEGRAL BATTERY91199LEDZANIBONI LIGHTINGLUNA4-09-35-A-6-F-EO-W-UV-EMGYP	ш
5       1' x 4' INDUSTRIAL       30       3900       LED       UTOPIA LIGHTING       ELS-4-L30-35-UNV       SUSPENDED 8'-0" AFF TO BOTTOM OF LUMINAIRE	
5       EM       SAME AS TYPE 2 - WITH INTEGRAL BATTERY       30       3900       LED       UTOPIA LIGHTING       ELS-4-L30-35-UNV       SUSPENDED 8'-0" AFF TO BOTTOM OF LUMINAIRE	
64' WALL MOUNT VANITY303682LEDUTOPIA LIGHTINGSS-4-36=3500-80-SF-UNVWALL MOUNT 7'-0" AFF TO BOTTOM OF LUMINAIRE	
7        2.5" LINEAR RECESSED GERMICIAL - SEE LIGHTING PLANS FOR LENGTHS       63       2615       LED       AMERLUX       GRUV2.5-VYV.PL.16AL40       GYP	
7 EM     SAME AS TYPE 7 - WITH INTEGRAL BATTERY     63     2615     LED     AMERLUX     GRUV2.5-VYV.PL.16AL40     GYP	_
8       FULL RGBWW COLOR CHANGING AND TUNABLE WHITE HIGH BAY (SUSPENDED)       346.7       32056       LED       SPORTSBEAMS       CHROMABEAMS LED 350 CRI 90       SUSPENDED 18'-9" AFF TO BOTTOM OF LUMINAIRE	
8 EM       SAME AS TYPE 8 - CONNECTED TO MINIATURE INVERTER, 90 MINUTES MINIMUM BACKUP, 20% OUTPUT       346.7       32056       LED       SPORTSBEAMS       CHROMABEAMS LED 350 CRI 90       SUSPENDED 18'-9" AFF TO BOTTOM OF LUMINAIRE	U
9 2 4' GERMICIAL DOWNLIGHT 125 10706 LED LED VR9-4-108LED-35K-UV-UNV-GR	
9       EM       SAME AS TYPE 9 - CONNECTED TO MINIATURE INVERTER, 90       125       10706       LED       UTOPIA       VR9-4-108LED 35K-UV-UNV-GR- EM15       SURFACE         0       VR9-4-108LED 35K-UV-UNV-GR- EM15       0       UTOPIA       VR9-4-108LED 35K-UV-UNV-GR- EM15       SURFACE	-
10       1.5" LINEAR RECESSED GERMICIAL - SEE LIGHTING PLANS FOR LENGTHS       11 watts/ft       .012 lumens/watt       LED       AMERLUX       LIN1.5-D-ASY-ASW10-5-LED-3000- HW       SURFACE (GRID AND JOISTS) REFER TO LIGHTING PLANS	т
10 EMSAME AS TYPE 10 - WITH INTEGRAL BATTERY11 watts/ft.012 lumens/wattLEDAMERLUXLIN1.5-D-ASY-ASW10-5-LED-3000- HWSURFACE (GRID AND JOISTS) REFER TO LIGHTING PLANS	
11       1.5" LINEAR - SEE LIGHTING PLANS FOR LENGTHS       10 watts/ft       10 watts/ft       LED       AMERLUX       LIN1.5-D-ASY-ASW10-5-LED-3000- HW       SURFACE (JOISTS) REFER TO LIGHTING PLANS	_
11 EM     SAME AS TYPE 11 - WITH INTEGRAL BATTERY     10 watts/ft     3691 lumens/foot     LED     AMERLUX     LIN1.5-D-ASY-ASW10-5-LED-3000- HW     SURFACE (JOISTS) REFER TO LIGHTING PLANS	
12     1.5" LINEAR GERMICIAL - SEE LIGHTING PLANS FOR LENGTHS     16 watts/ft     2615 lumens/foot     LED     AMERLUX     LIN2.5D-VYV.PL.16.AL.40.AW     SURFACE (JOISTS) REFER TO LIGHTING PLANS	- SE
12 EM     SAME AS TYPE 12 - WITH INTEGRAL BATTERY     16 watts/ft     LED     AMERLUX     LIN2.5D-VYV.PL.16.AL.40.AW     SURFACE (JOISTS) REFER TO LIGHTING PLANS	
13 EM       4' EXPLOSION PROOF DOWNLIGHT WITH INTEGRAL BATTERY       80       9560       LED       LDPI       LEXS-L2-V1-4-V110-C-EM       SURFACE MOUNTED TO DECK BETWEEN JOISTS         C       EXIT. SIGN (SINGLE FACE/DBL FACE) CEILING MOUNT       C       C       C       C       C	
20       EXIT SIGN (SINGLE FACE/DBL FACE) CEILING MOUNT WITH INTEGRAL BATTERY - SEE PLANS FOR DIRECTIONAL INDICATORS       4.8       LED       H.E. WILLIAMS       EXIT-R-EM-WHT       CEILING OR MOUNTED ABOVE DOOR HEADER         1       1       1       1       1       1       1       1	Rev.
40       SURFACE CANOPY DOWNLIGHT       36       4459       LED       DECO LIGHTING       D500-LED-36-40-UNV       SURFACE CANOPY         40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40       40 <td></td>	
40 EM       SAME AS TYPE 40 - WITH INTEGRAL BATTERY       36       4459       LED       DECO LIGHTING       D500-LED-36-40-UNV       SURFACE CANOPY         41       2.7" x 3.6" EXTERIOR WET LOCATION (WALL MOUNT) WITH       7/       457       500 - LED - 36 - 40 - UNV       SURFACE CANOPY	
41 EM2.7 x 3.6 EXTERIOR WET LOCATION (WALL MOONT) WITH7/457 IonLEDCORONETLS WET 2.5-XX-35-446-SDEMPCKWALL MOUNT 3" ABOVE DOOR HEADER	
* MANUFACTURER AND MODEL NUMBER ARE PROVIDED TO SHOW BASIS OF DESIGN ONLY.	⊂ compl
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# A. VERIFY ALL PIPING LOCATIONS, SIZES, AND ARRANGEMENTS IN FIELD PRIOR TO BID. NOTIFY ARCHITECT IN WRITING OF ANY B. VERIFY IN FIELD INVERT AND DIRECTION OF FLOW IN EXISTING SOIL PIPE WHERE NEW SOIL PIPE IS TO BE CONNECTED TO C. LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS. INCLUDE TRENCHING, CUTTING AND PATCHING OF FLOORS, WALLS AND CEILINGS, INCLUDING CEILING TILE REMOVAL AND REPLACEMENT, WHEN REQUIRED FOR PLUMBING WORK. PATCH ABANDONED OPENINGS AND DISTURBED FINISHES TO MATCH EXISTING. TAKE PRECAUTIONS TO PROTECT STRUCTURAL INTEGRITY OF FLOOR OR WALLS WHEN TRENCHING OR MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO DRAWING AP500 FOR PLUMBING FIXTURE SCHEDULE G. PROVIDE THROUGH PENETRATION FIRESTOPPING FOR FIRE RATED WALLS AND FLOORS. PENETRATIONS THROUGH EXISTING WALLS AND FLOORS ARE CONSIDERED TWO-HOUR PARTITIONS UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO ARCHITECTURE OR CODE COMPLIANCE DRAWINGS FOR LOCATION OF FIRE RATED WALLS AND FLOORS. REMOVE PLUBING FIXTURES INDICATED. INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OF BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE WALLS. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS. Asbestos Awareness - CMU Wall Paint 1. CMU WALL PAINT IS ASBESTOS CONTAINING AND IS PRESENT IN AREAS OF SCHEDULED WORK. ASBESTOS PAINT IS LIMITED 2. PERFORM WORK SUCH THAT NO PAINTED CMU WALL SURFACES ARE DISTURBED. DISTURBANCE INCLUDES, BUT IS NOT LIMITED TO DETACHMENT OF EXISTING ITEMS FROM THE WALL, ATTACHMENT OF NEW ITEMS TO THE WALL. ADDITIONAL ASBESTOS CONTAINING ITEMS ARE PRESENT AND INDICATED ELSEWHERE WITHIN THE FACILITIES. REFER TO ON-SITE ASBESTOS DOCUMENTATION FOR FURTHER 4. SHOULD ANY PAINTED CMU WALL SURFACE BE REQUIRE TO BE IMPACTED OR DISTURBED, CONSULT THE OWNER'S ENVIRONMENTAL CONSULTANT. REMOVE 1/2" HOT WATER, 1/2" COLD WATER, 2" VENT, 3" SANITARY RACKED ON WALL. D В Ε $\frown$ $\bigoplus$ Key Plan SED Control No. 60-01-01-06-0-018-023 Sti CLEAR SOLUTIONS BID

# **TETRATECH** ARCHITECTS & ENGINEERS

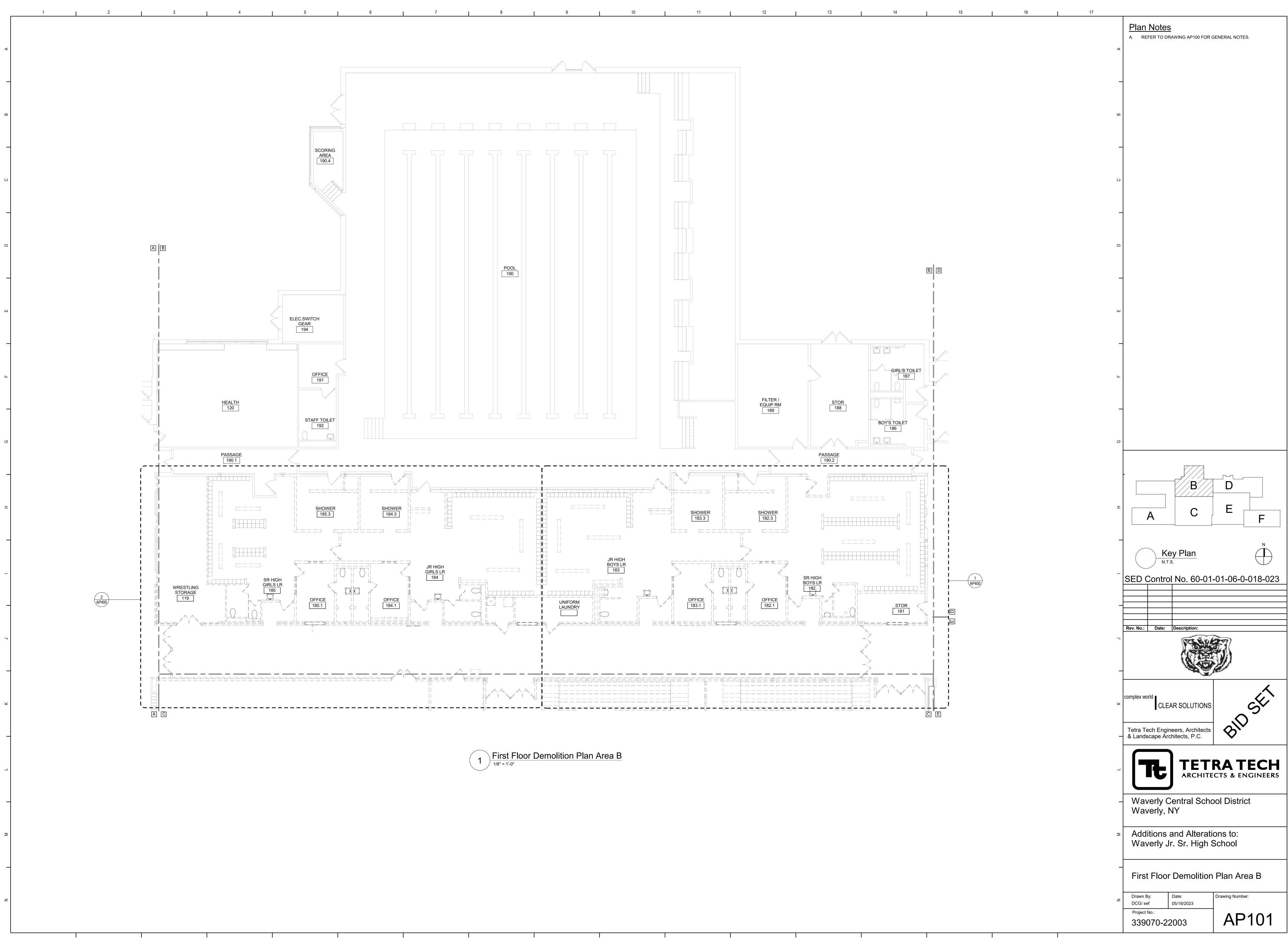
Waverly Central School District Waverly, NY

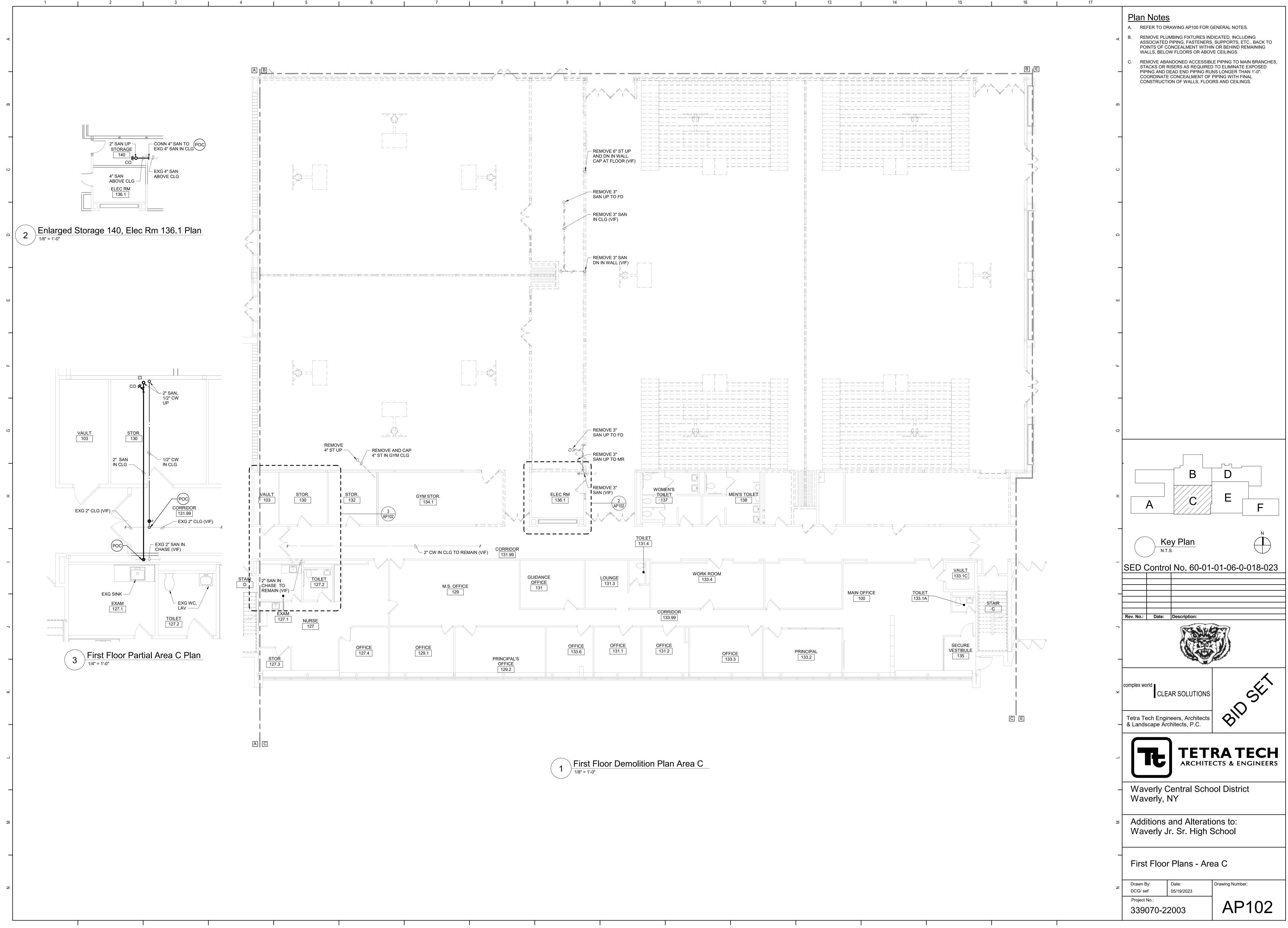
Additions and Alterations to: Waverly Jr. Sr. High School

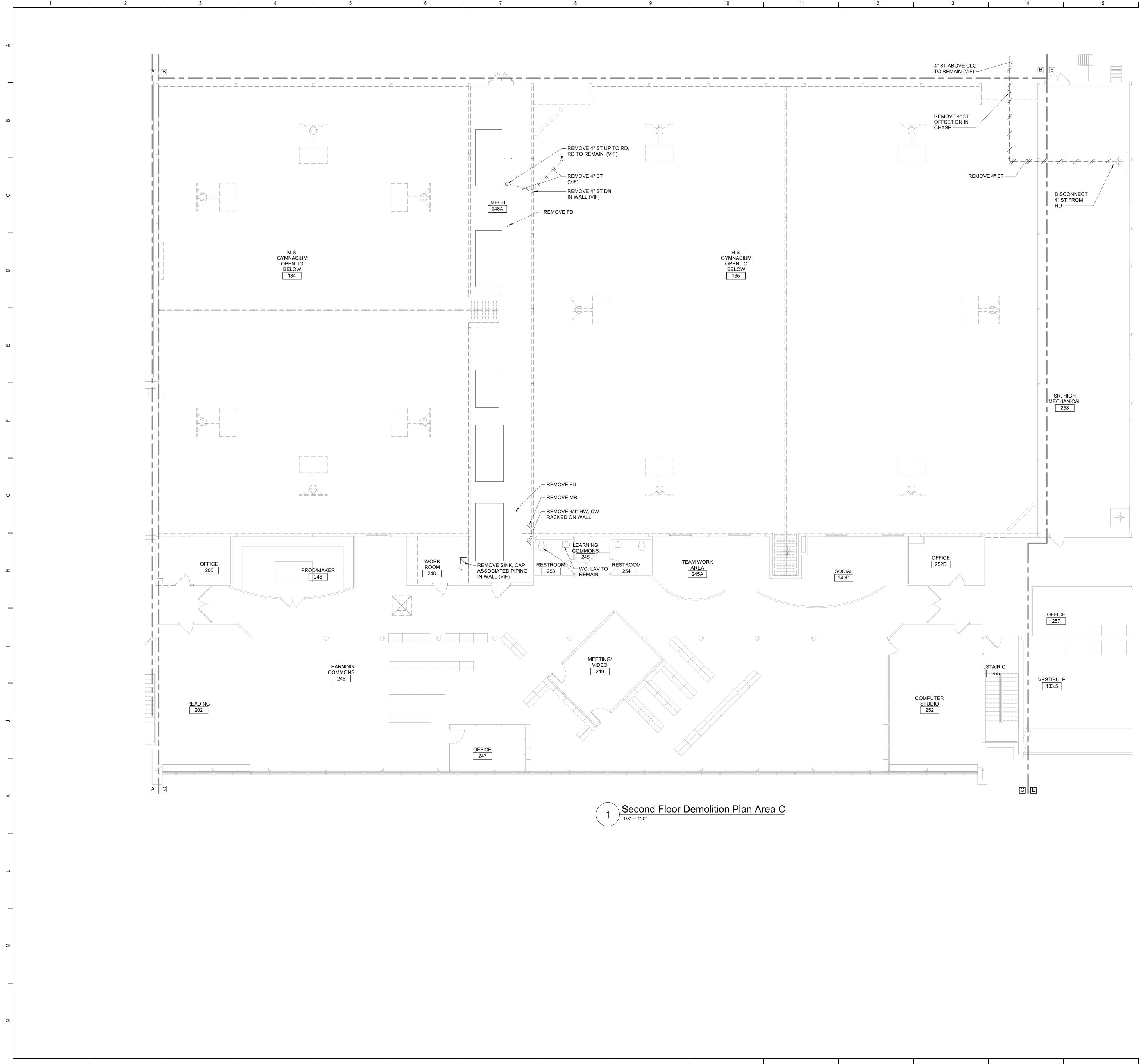
First Floor Demolition Plan Area A and

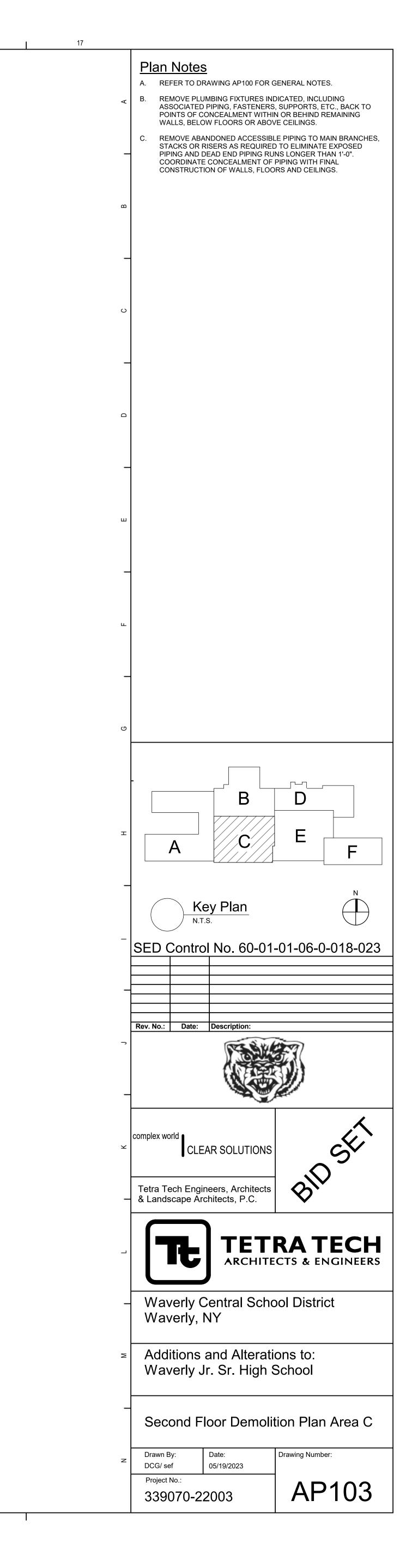
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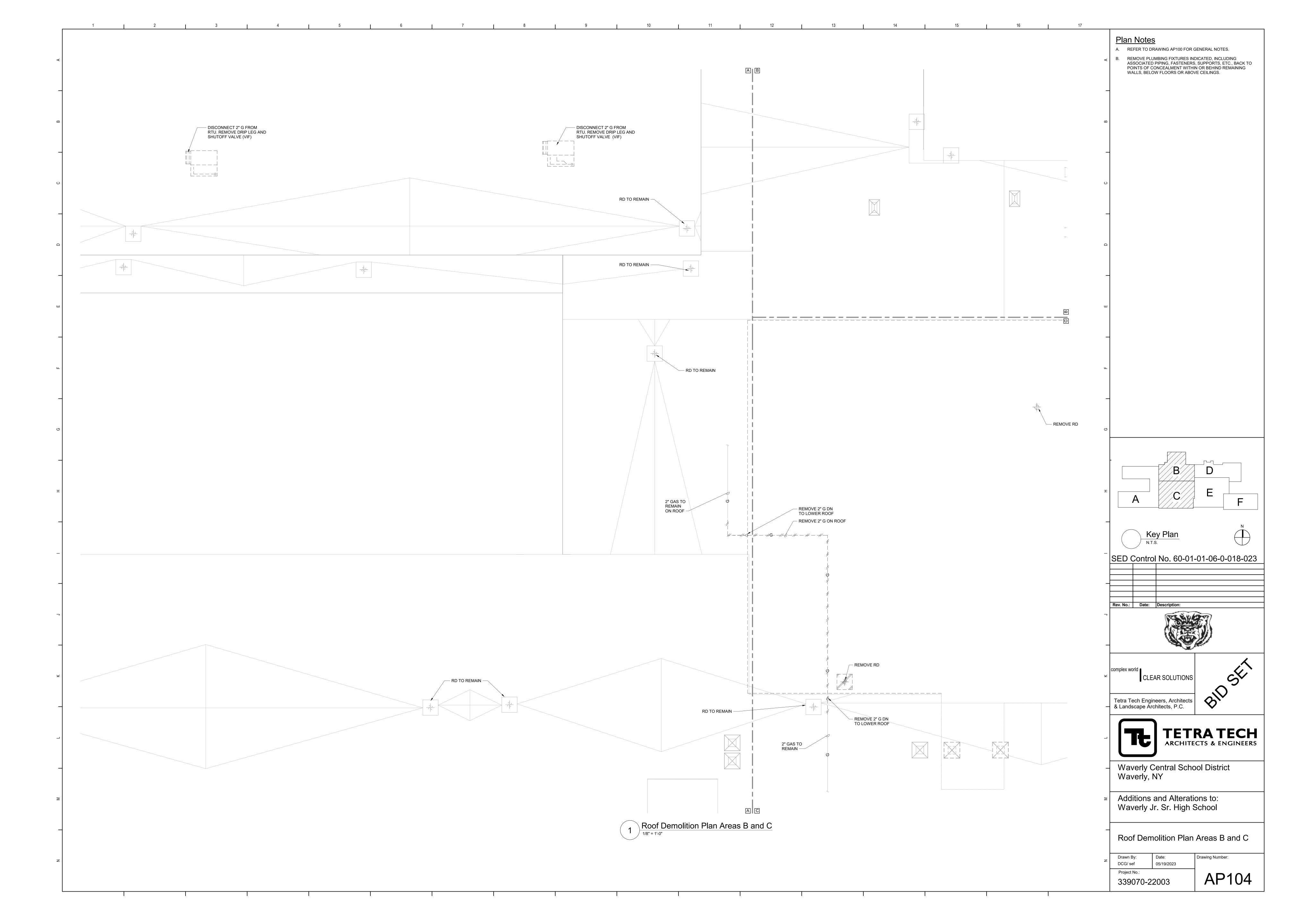
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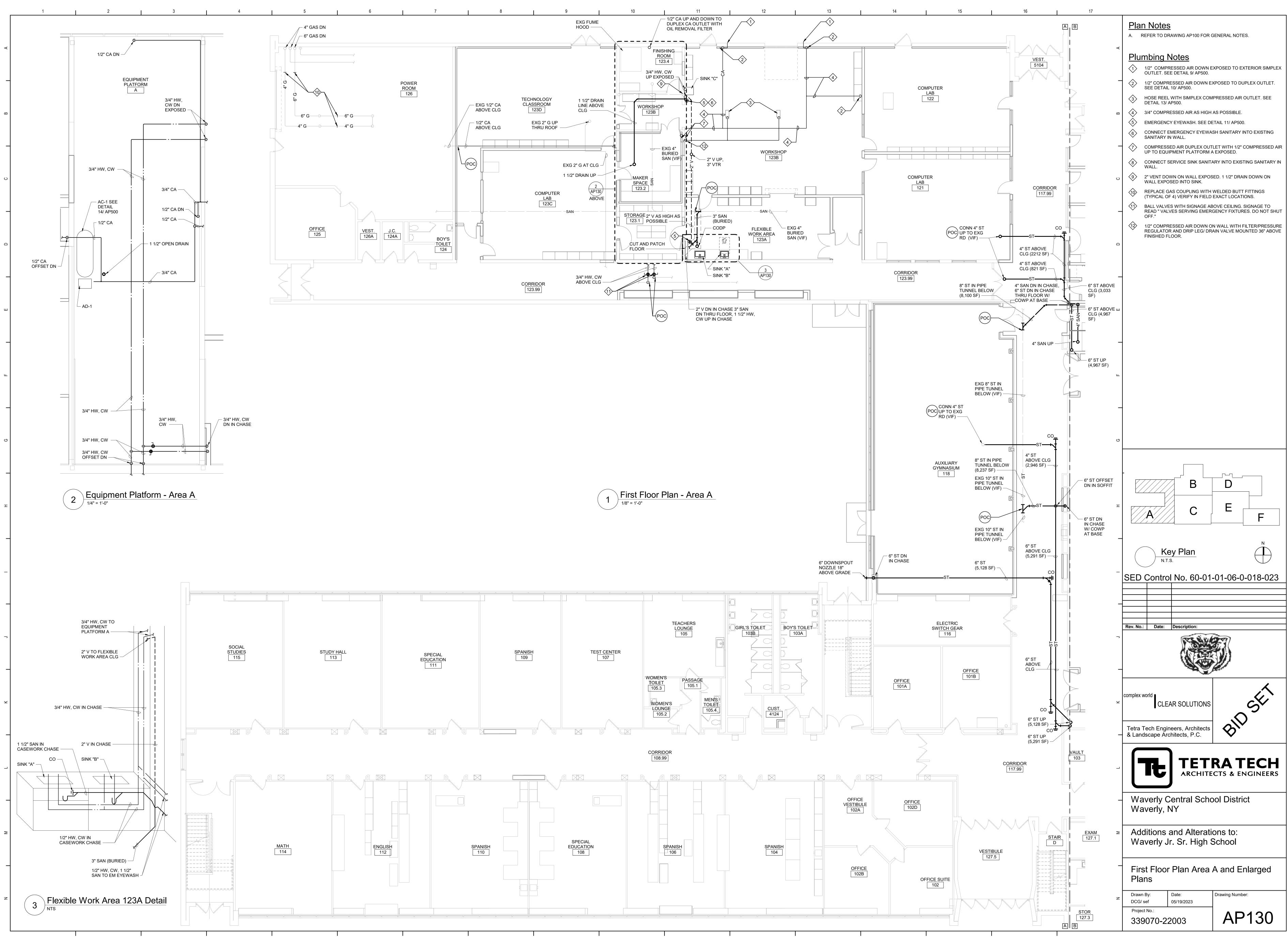


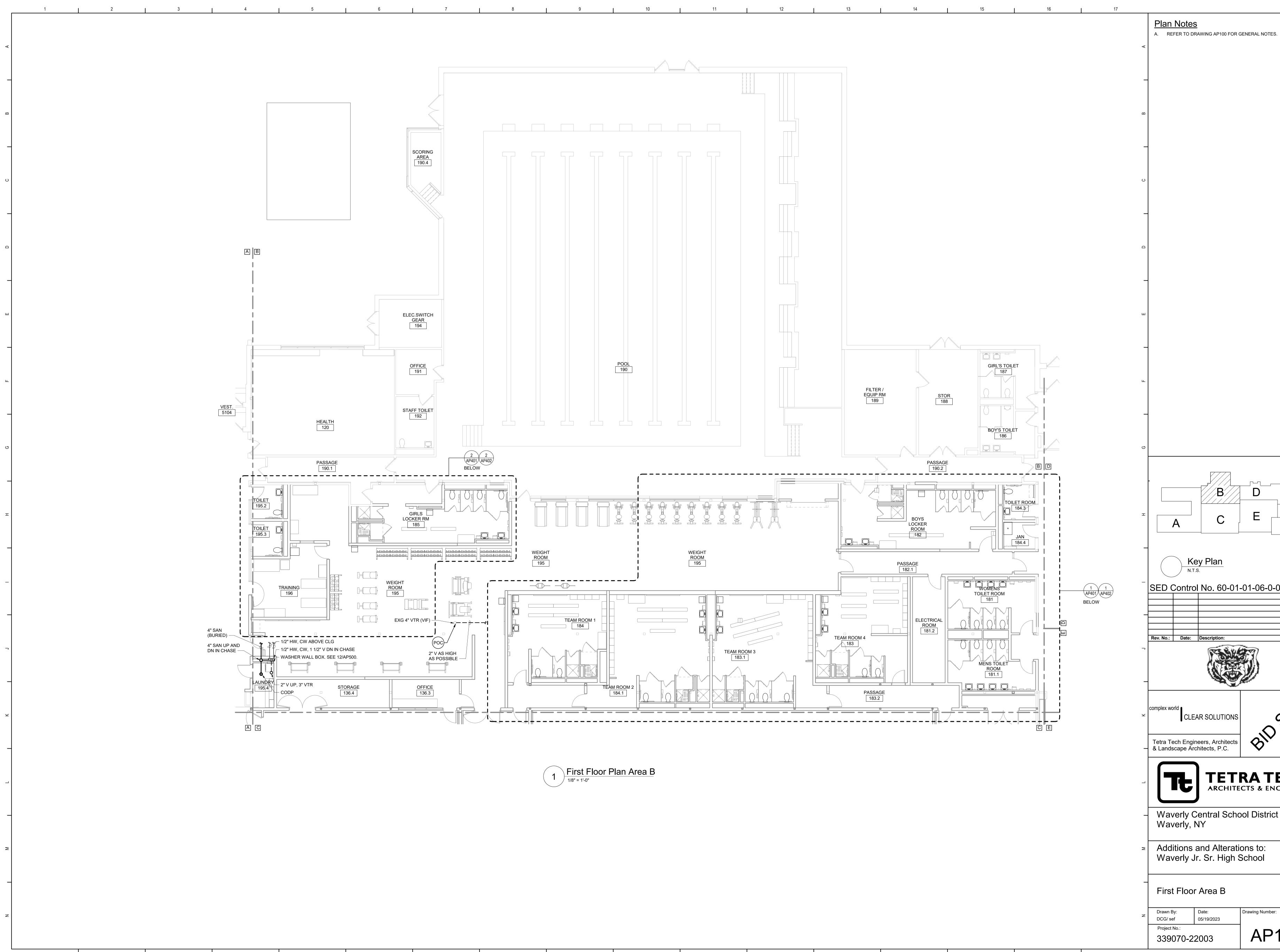




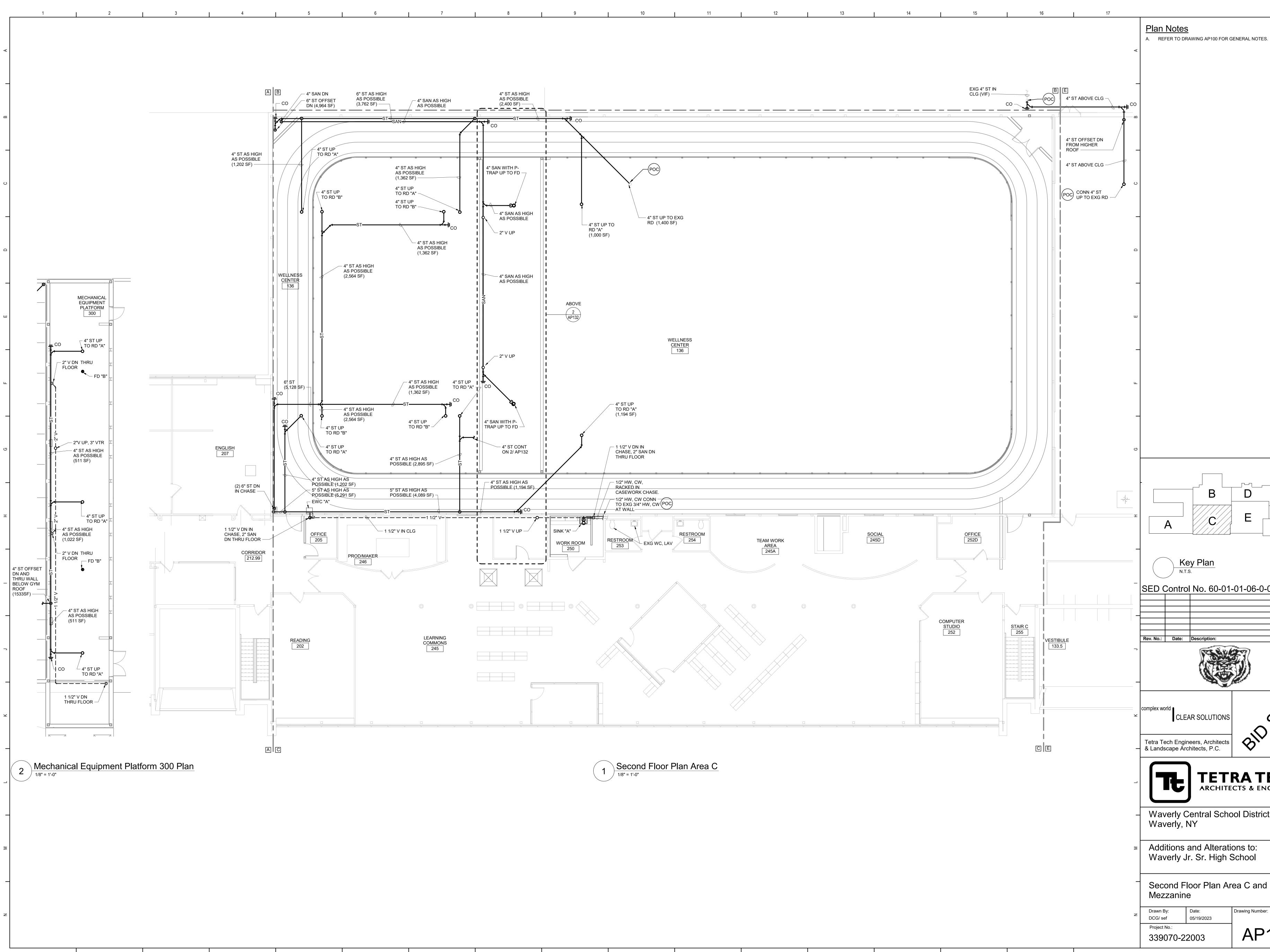




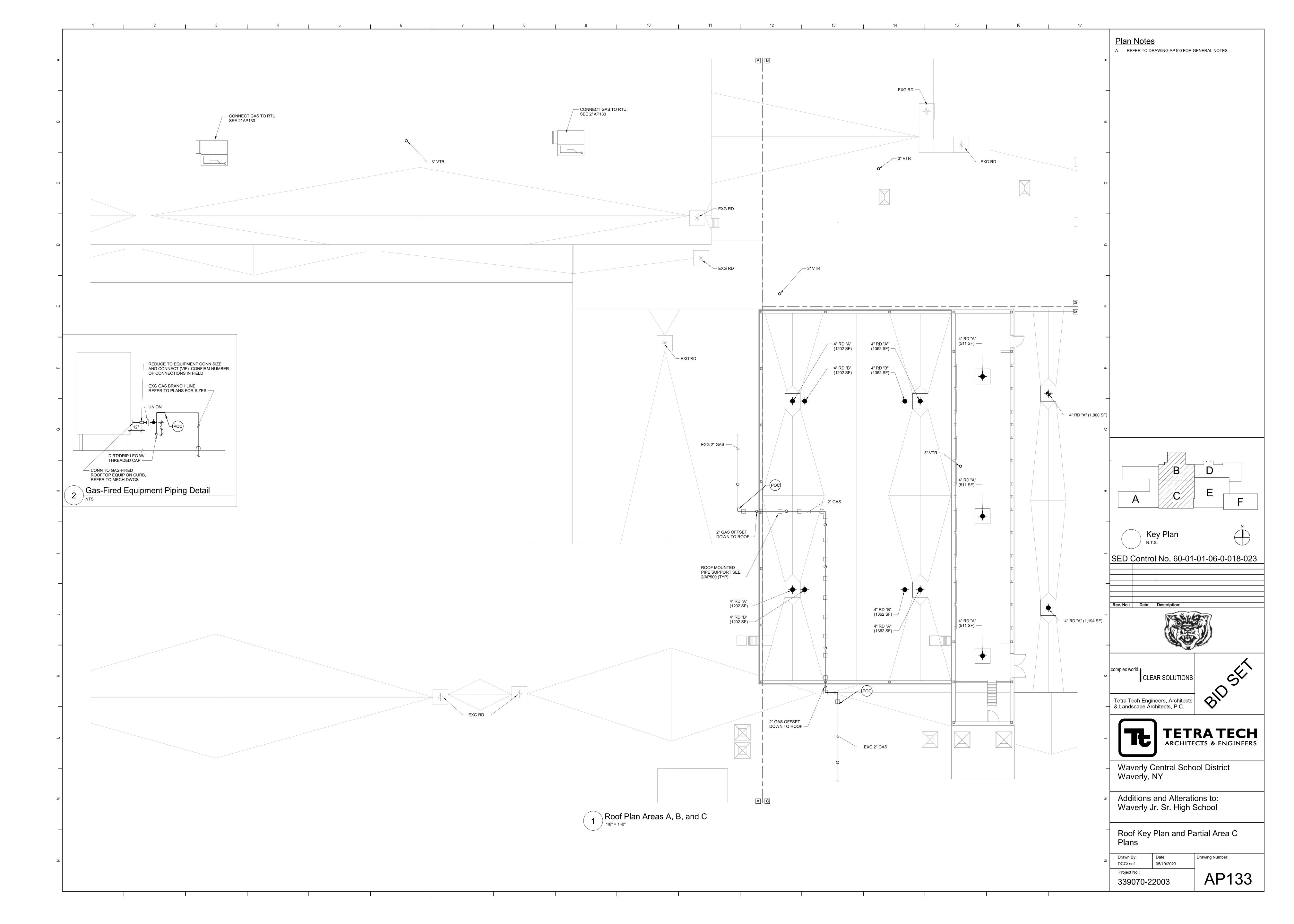


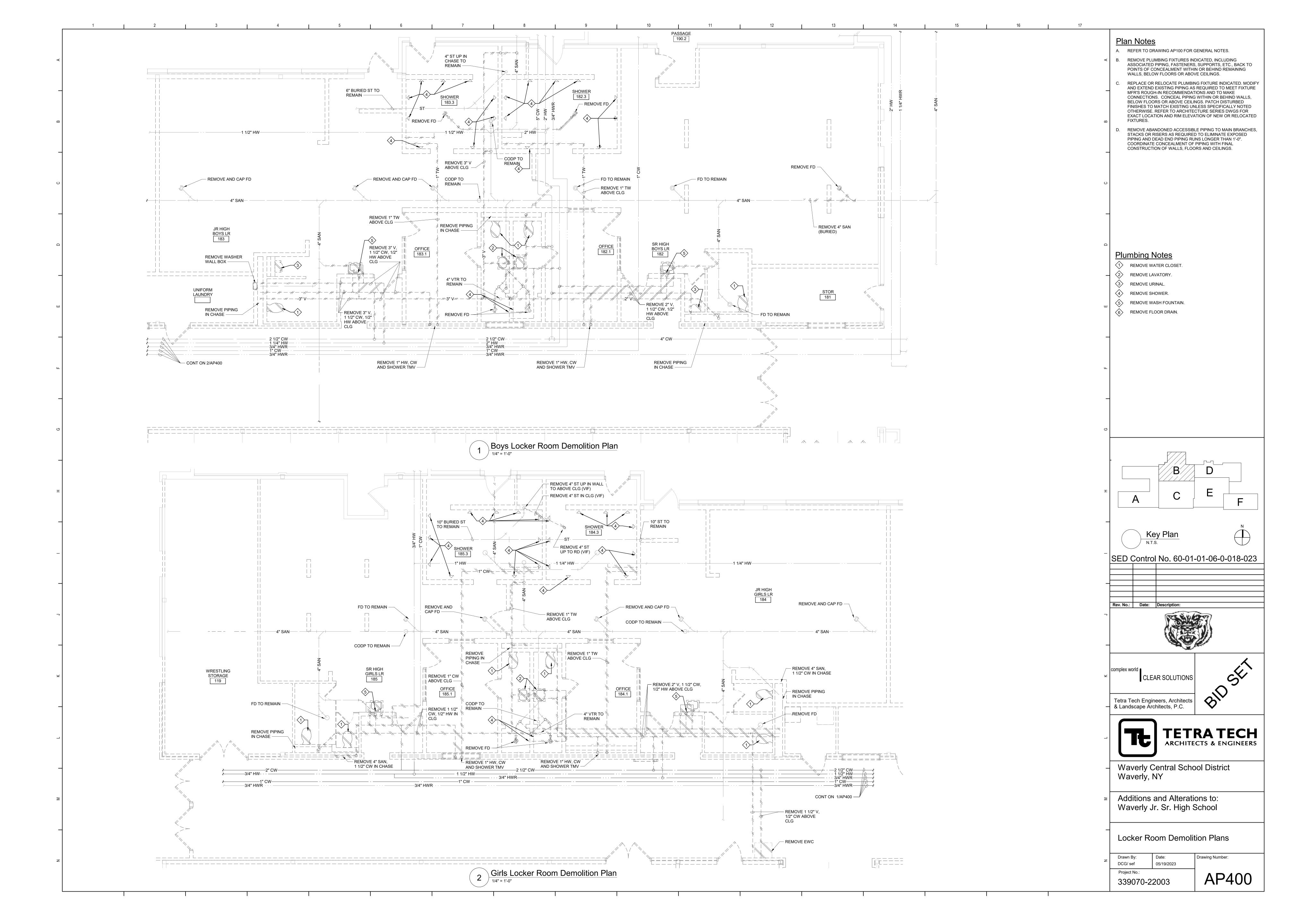


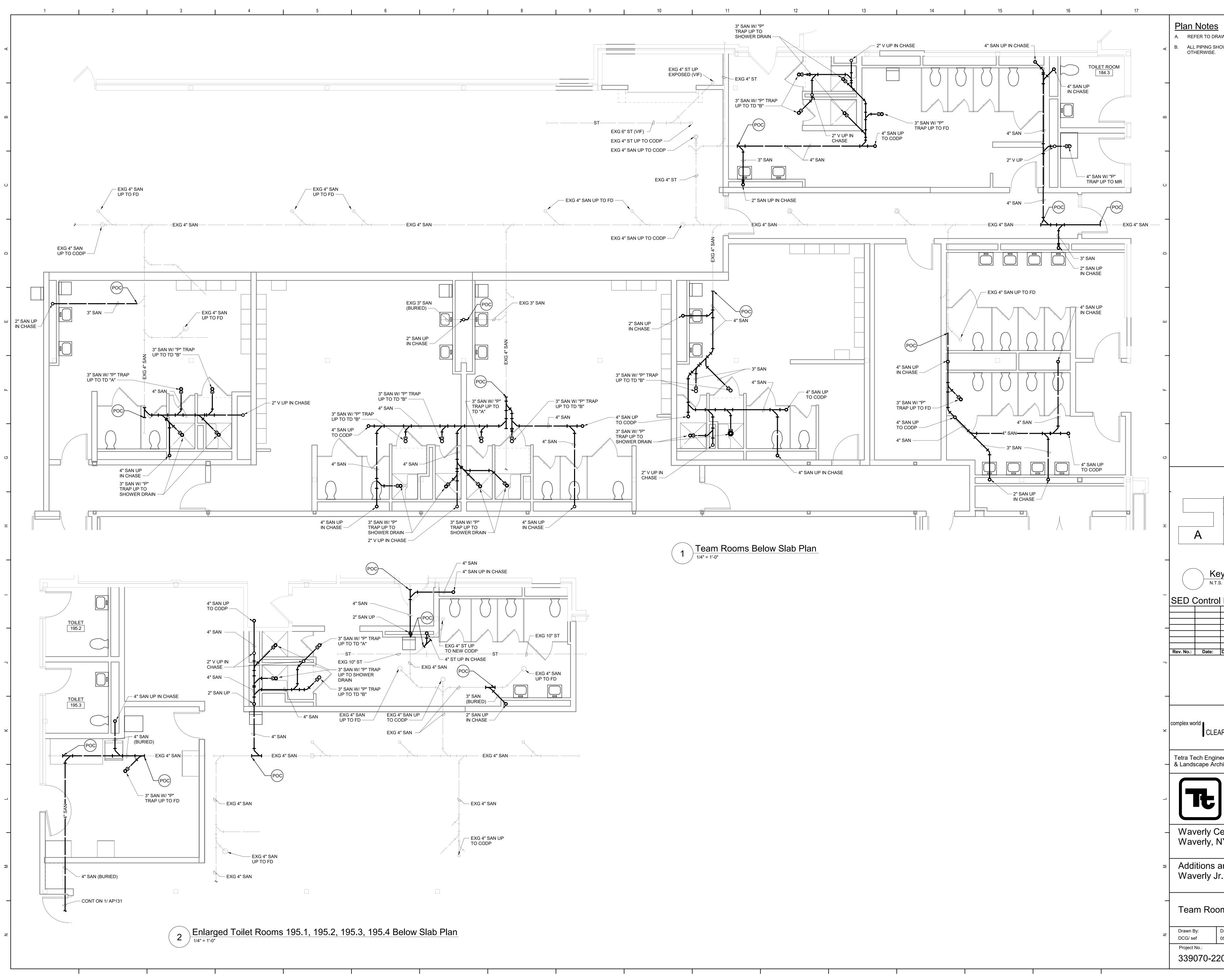
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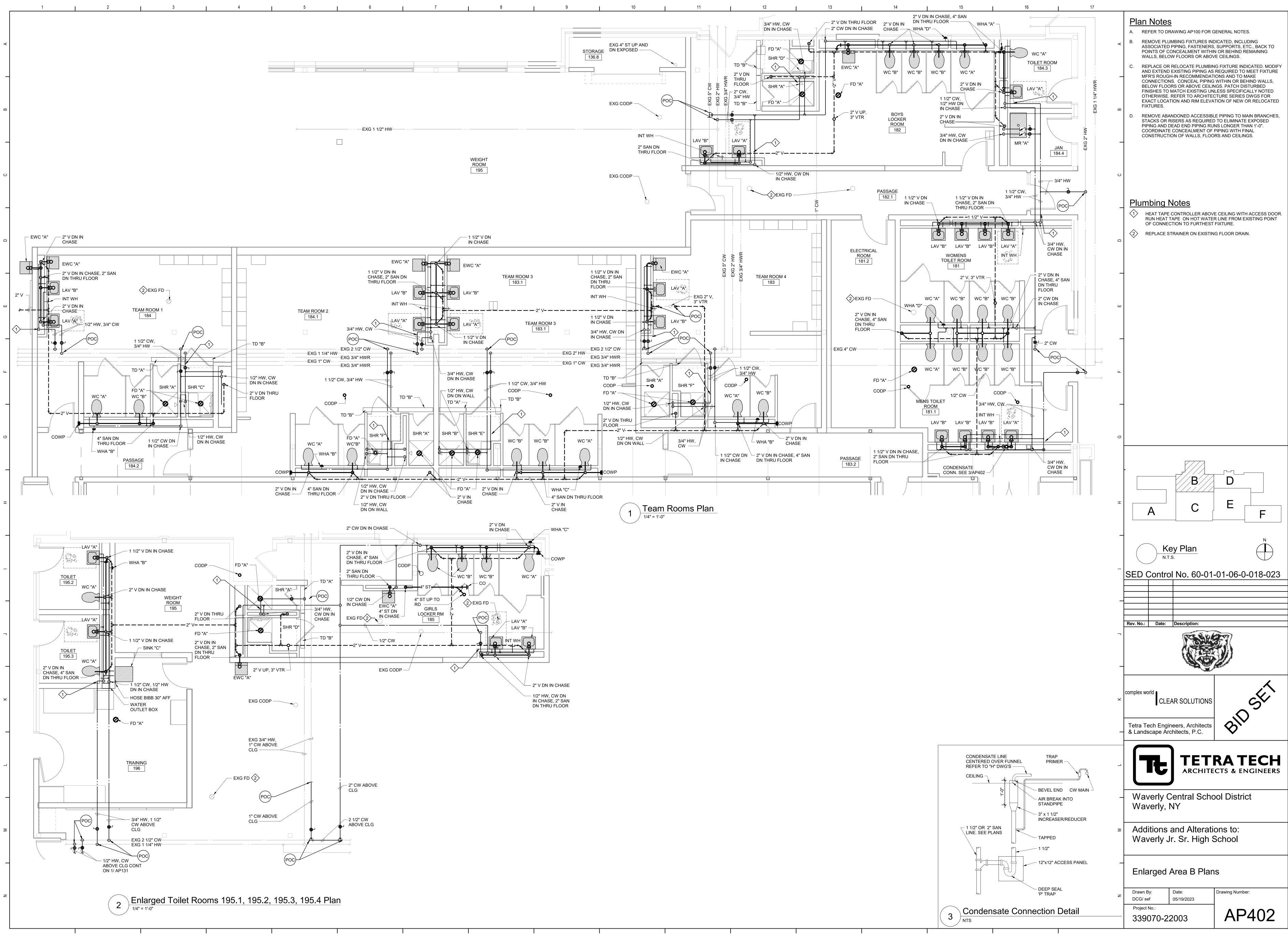




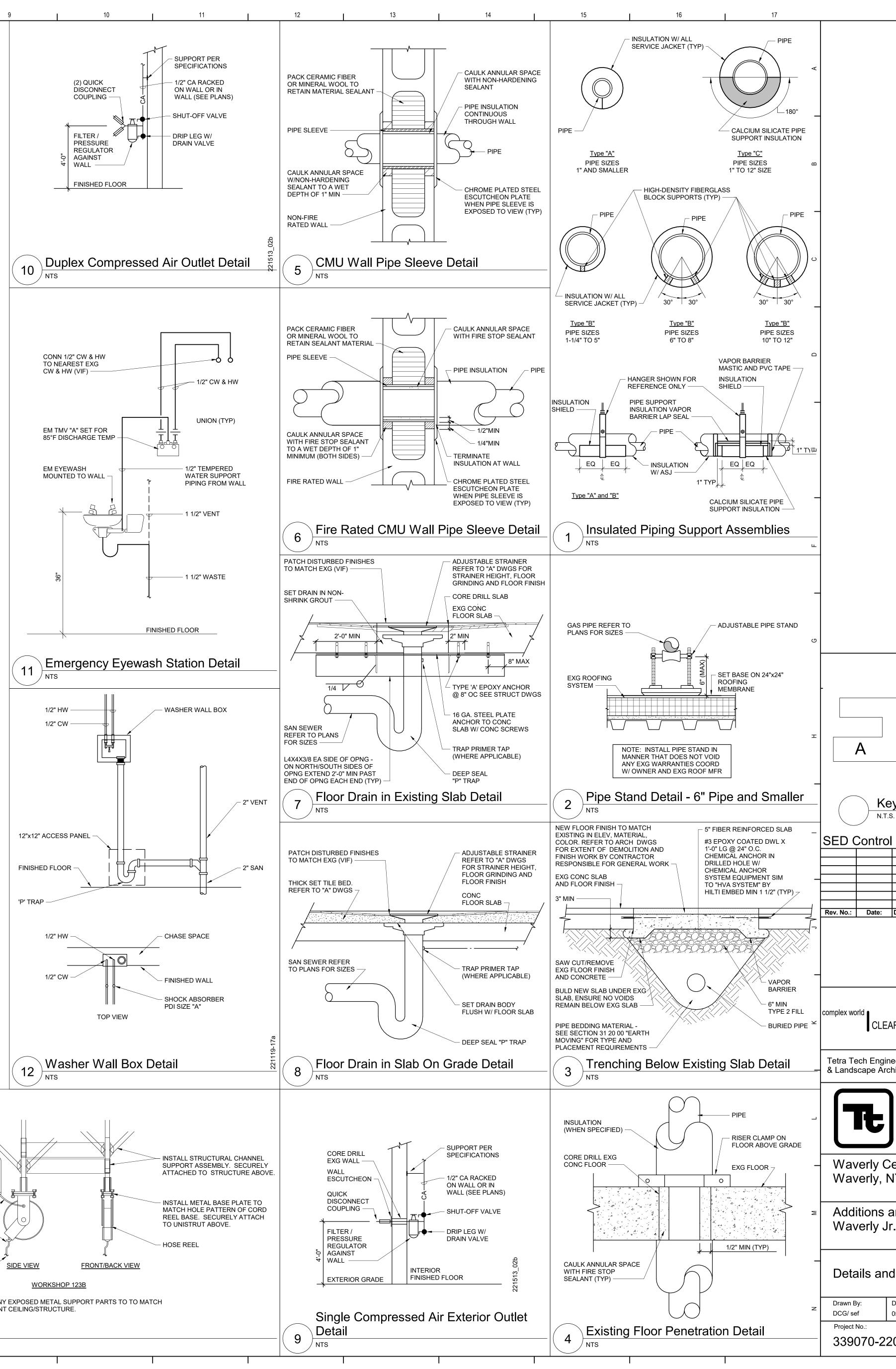


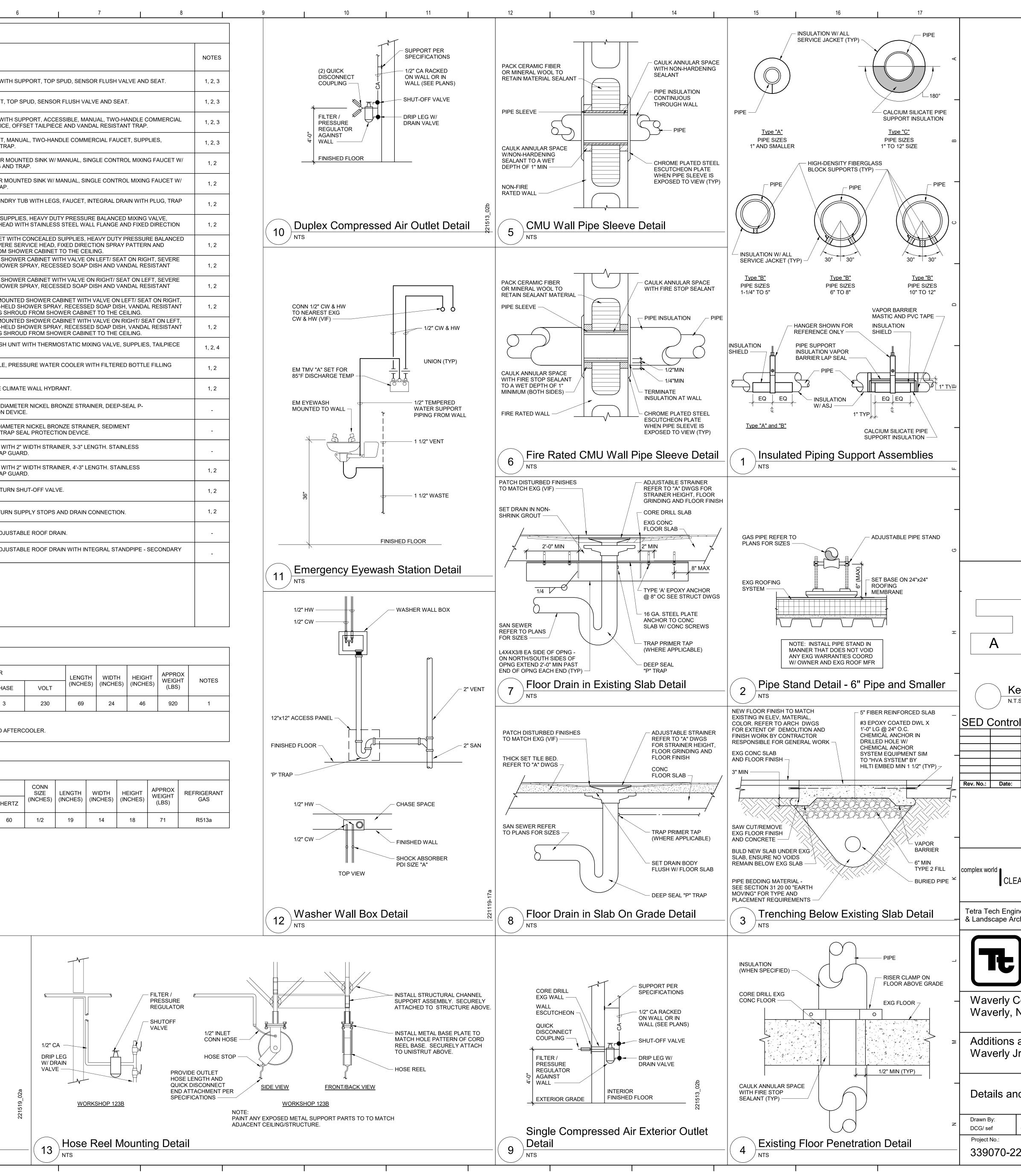
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A. REFER TO DRAWING AP100 FOR GENERAL NOTES. B. ALL PIPING SHOWN ON THIS SHEET IS BURIED UNLESS NOTED



WC "A"       4         WC "B"       4         LAV "A"       1 1/2         LAV "B"       1 1/2         SINK "A"       1 1/2	4     2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2	CW 1	HW	FREE	GROUP	HEIGHT	CRIPTION			N
WC "B"       4         LAV "A"       1 1/2         LAV "B"       1 1/2         SINK "A"       1 1/2         SINK "B"       1 1/2         SINK "C"       3         SHR "A"       -         SHR "B"       -         SHR "D"       -	4     2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2	1								
LAV "A" 1 1/ LAV "B" 1 1/ SINK "A" 1 1/ SINK "B" 1 1/ SINK "B" 1 1/ SINK "C" 3 SHR "A" - SHR "A" - SHR "B" - SHR "D" -	1/2     1 1/2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2		-	YES	ADULT	16.5"	ESSIBLE, VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, TOP		AND SEAT.	1
LAV "B" 1 1/ SINK "A" 1 1/ SINK "B" 1 1/ SINK "C" 3 SHR "A" - SHR "A" - SHR "D" - SHR "D" -	1/2     1 1/2       1/2     1 1/2       1/2     1 1/2       1/2     1 1/2	1	-	NO	ADULT	15"	EOUS CHINA, WALL MOUNTED WITH SUPPORT, TOP SPUD, SENSO ESSIBLE, VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, ACCE			1
SINK "A"       1 1/         SINK "B"       1 1/         SINK "C"       3         SINK "C"       3         SHR "A"       -         SHR "B"       -         SHR "B"       -         SHR "D"       -	1/2     1 1/2       1/2     1 1/2	1/2	1/2	YES	ADULT	34"	CET, SUPPLIES, TEMPERATURE LIMITING DEVICE, OFFSET TAILPIEC EOUS CHINA, WALL MOUNTED WITH SUPPORT, MANUAL, TWO-HAN	E AND VANDAL RESISTANT TR	RAP.	1
SINK "B"       1 1,         SINK "C"       3         SHR "A"       -         SHR "B"       -         SHR "B"       -         SHR "D"       -	1/2 1 1/2	1/2	1/2	YES	ADULT	-	PERATURE LIMITING DEVICE, TAILPIECE AND TRAP. ESSIBLE, LARGE, STAINLESS STEEL, COUNTER MOUNTED SINK W/	MANUAL, SINGLE CONTROL M	IXING FAUCET W	
SINK "C"       3         SHR "A"       -         SHR "B"       -         SHR "C"       -         SHR "D"       -		1/2	1/2	NO	ADULT		IG SPOUT, SUPPLIES, OFFSET DRAIN FITTING AND TRAP. GE, DEEP BOWL, STAINLESS STEEL, COUNTER MOUNTED SINK W/ N	MANUAL, SINGLE CONTROL MI	XING FAUCET W/	
SHR "A"       -         SHR "B"       -         SHR "C"       -         SHR "D"       -	3 1 1/2	3/4"	3/4	-	-	-	IG SPOUT, SUPPLIES, DRAIN FITTING AND TRAP.	S, FAUCET, INTEGRAL DRAIN V	VITH PLUG, TRAF	
SHR "C" - SHR "D" -		1/2	1/2	NO	ADULT	-	SUPPLY LINE. /IDUAL BUILT-IN SHOWER WITH CONCEALED SUPPLIES, HEAVY DU OME PLATED BRASS ARM SEVERE SERVICE HEAD WITH STAINLES			
SHR "D" -		1/2	1/2	YES	ADULT	-	AY PATTERN. /IDUAL SURFACE MOUNTED SHOWER CABINET WITH CONCEALED NG VALVE, CHROME PLATED BRASS ARM SEVERE SERVICE HEAD,	SUPPLIES, HEAVY DUTY PRES	SURE BALANCE	
		1/2	1/2	YES	ADULT	-	NLESS-STEEL VERTICAL PIPING SHROUD FROM SHOWER CABINET ESSIBLE, FACTORY-FABRICATED, RECESSED SHOWER CABINET W /ICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRAY, RECES	ITH VALVE ON LEFT/ SEAT ON		
SHR "E" -		1/2	1/2	YES	ADULT	-	EWS. ESSIBLE, FACTORY-FABRICATED, RECESSED SHOWER CABINET W /ICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRAY, RECES			
		1/2	1/2	YES	ADULT	-	EWS. ESSIBLE, FACTORY-FABRICATED, SURFACE MOUNTED SHOWER CA ERE SERVICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRA	Y, RECESSED SOAP DISH, VAN	NDAL RESISTANT	
SHR "F" -		1/2	1/2	YES	ADULT	-	EWS AND STAINLESS STEEL VERTICAL PIPING SHROUD FROM SHC ESSIBLE, FACTORY-FABRICATED, SURFACE MOUNTED SHOWER CA ERE SERVICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRA	ABINET WITH VALVE ON RIGHT Y, RECESSED SOAP DISH, VAN	T/ SEAT ON LEFT, NDAL RESISTANT	
MERGENCY EYEWASH	1/2 1 1/2	1/2	1/2	YES	ADULT	-	EWS AND STAINLESS STEEL VERTICAL PIPING SHROUD FROM SHC ESSIBLE, WALL MOUNTED, PLUMBED EYEWASH UNIT WITH THERM TRAP.			1
	1/2 1 1/2	1/2	-	YES	ADULT	-	L MOUNTED, VANDAL-RESISTANT, ACCESSIBLE, PRESSURE WATEF	R COOLER WITH FILTERED BO	TTLE FILLING	
INT WH -		3/4	-	-	-	-	CEALED OUTLET, SELF DRAINING MODERATE CLIMATE WALL HYDF	RANT.		
FD "A" 3	3 2	-	-	-	-	-	IUM DUTY, CAST-IRON FLOOR DRAIN WITH 7" DIAMETER NICKEL BF AND BARRIER TYPE TRAP SEAL PROTECTION DEVICE.	ONZE STRAINER, DEEP-SEAL	P-	
FD "B" 4	4 2	-	-	-	-	-	/Y DUTY, CAST-IRON FLOOR DRAIN WITH 7" DIAMETER NICKEL BROKET, DEEP-SEAL P-TRAP AND BARRIER TYPE TRAP SEAL PROTECT			
TD "A" 2	2 2		-	-	-	-	IUM DUTY, STAINLESS STEEL TRENCH DRAIN WITH 2" WIDTH STRA EL WAVE GRATE, DEEP-SEAL P-TRAP AND TRAP GUARD.		3	
TD "B" 2	2 2	-	-	-	-	-	IUM DUTY, STAINLESS STEEL TRENCH DRAIN WITH 2" WIDTH STRA EL WAVE GRATE, DEEP-SEAL P-TRAP AND TRAP GUARD.	INER, 4'-3" LENGTH. STAINLES	S	
WATER -		1/2	-	-	-	-	ESSED WATER OUTLET BOX WITH QUARTER TURN SHUT-OFF VAL	/E.		
WASHER 2 WALL BOX	2 2	1/2	1/2	-	-	-	ESSED WASHER WALL BOX WITH QUARTER TURN SUPPLY STOPS	AND DRAIN CONNECTION.		
RD "A" VARI	RIES -	_	-	-	-	-	-IRON, LARGE-SUMP, GENERAL-PURPOSE ADJUSTABLE ROOF DR	AIN.		
RD "B" VARI	RIES -	_	_	_	_	-	T-IRON, LARGE-SUMP, GENERAL-PURPOSE ADJUSTABLE ROOF DR. NAGE.	AIN WITH INTEGRAL STANDPIF	PE - SECONDARY	
. REFER TO TOIL	TED ARE MINIMU DILET ROOM PLA	JM. LARGER S	SIZES SPECI	FICALLY INDIC/ RAWINGS FOR	ATED ON DRAW	INGS SUPERCE	TURER. MUM SIZES INDICATED IN THIS SCHEDULE. L INFORMATION.			
PROVIDE TERM SIZES INDICATE REFER TO TOIL REFER TO DET	TED ARE MINIMI DILET ROOM PLA ETAIL 11/AP500 A	JM. LARGER S	SIZES SPECI	FICALLY INDIC/ RAWINGS FOR	ATED ON DRAW	INGS SUPERCE	MUM SIZES INDICATED IN THIS SCHEDULE.			
PROVIDE TERM SIZES INDICATE REFER TO TOIL REFER TO DETA	TED ARE MINIMI DILET ROOM PLA ETAIL 11/AP500 A	JM. LARGER S	SIZES SPECI TECTURE DR TION SECTI	FICALLY INDIC/ RAWINGS FOR ON 22 45 00 - E CONFIG	ATED ON DRAW FIXTURE CENTE MERGENCY FIX	INGS SUPERCE RLINE DIMENS TURES FOR AD RECEIVER TANK CAPACITY	AL AIR ACITY		EIGHT ICHES) APPRO WEIGH (LBS)	
PROVIDE TERM SIZES INDICATE REFER TO TOIL REFER TO DET/ AIR COMPTE DWG LABEL LC AC-1 EQ PLA NOTES:	TED ARE MINIMU DILET ROOM PLA ETAIL 11/AP500 A EQUIPMENT LATFORM A	JM. LARGER S NS ON ARCHIT ND SPECIFICA <b>hedule</b> DESIGN M AND MO	MAKE DEL QT-5 (x2)	FICALLY INDIC/ RAWINGS FOR ON 22 45 00 - E CONFIG UNIT DUPLEX	ATED ON DRAW FIXTURE CENTE MERGENCY FIX URATION TANK HORIZONTAL	INGS SUPERCE RLINE DIMENS TURES FOR AD RECEIVER TANK CAPACITY (GALLONS) 80	AL AIR ACITY CH RESSOR HORSEPOWER RPM PHASE VOLT FM) 7.2 5 942 3 230			
PROVIDE TERM	TED ARE MINIMU DILET ROOM PLA ETAIL 11/AP500 A COCATION EQUIPMENT LATFORM A CKAGE INCLUDE	JM. LARGER S NS ON ARCHIT ND SPECIFICA DESIGN M AND MO QUINCY NO. ES MOTOR OV	SIZES SPECI FECTURE DF TION SECTI MAKE DEL QT-5 (x2) ERLOAD PR	FICALLY INDIC/ RAWINGS FOR ON 22 45 00 - E CONFIG UNIT DUPLEX OTECTION, AU	ATED ON DRAW FIXTURE CENTE MERGENCY FIX URATION TANK HORIZONTAL TOMATIC START	INGS SUPERCE ERLINE DIMENS TURES FOR AD RECEIVER TANK CAPACITY (GALLONS) 80	MUM SIZES INDICATED IN THIS SCHEDULE.	(INCHES) (INCHES) (IN 69 24 LENGTH WIDTH HEIGH	46 920	REFRIGE
PROVIDE TERM SIZES INDICATE REFER TO TOIL REFER TO DETA AIR COMPTE DWG LABEL LC AC-1 EQ PLA NOTES: . "QT MAX" PACK AIR Dryer SC DWG LABEL LC	TED ARE MINIMU DILET ROOM PLA ETAIL 11/AP500 A ESSOR SC LOCATION EQUIPMENT LATFORM A	JM. LARGER S NS ON ARCHIT ND SPECIFICA <b>hedule</b> DESIGN M AND MO QUINCY NO.	SIZES SPECI FECTURE DF TION SECTI MAKE DEL QT-5 (x2) ERLOAD PR	FICALLY INDIC/ RAWINGS FOR ON 22 45 00 - E CONFIG UNIT DUPLEX	ATED ON DRAW FIXTURE CENTE MERGENCY FIX URATION TANK HORIZONTAL	INGS SUPERCE ERLINE DIMENS TURES FOR AD RECEIVER TANK CAPACITY (GALLONS) 80	MUM SIZES INDICATED IN THIS SCHEDULE.	(INCHES) (INCHES) (IN 69 24	46 920	





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