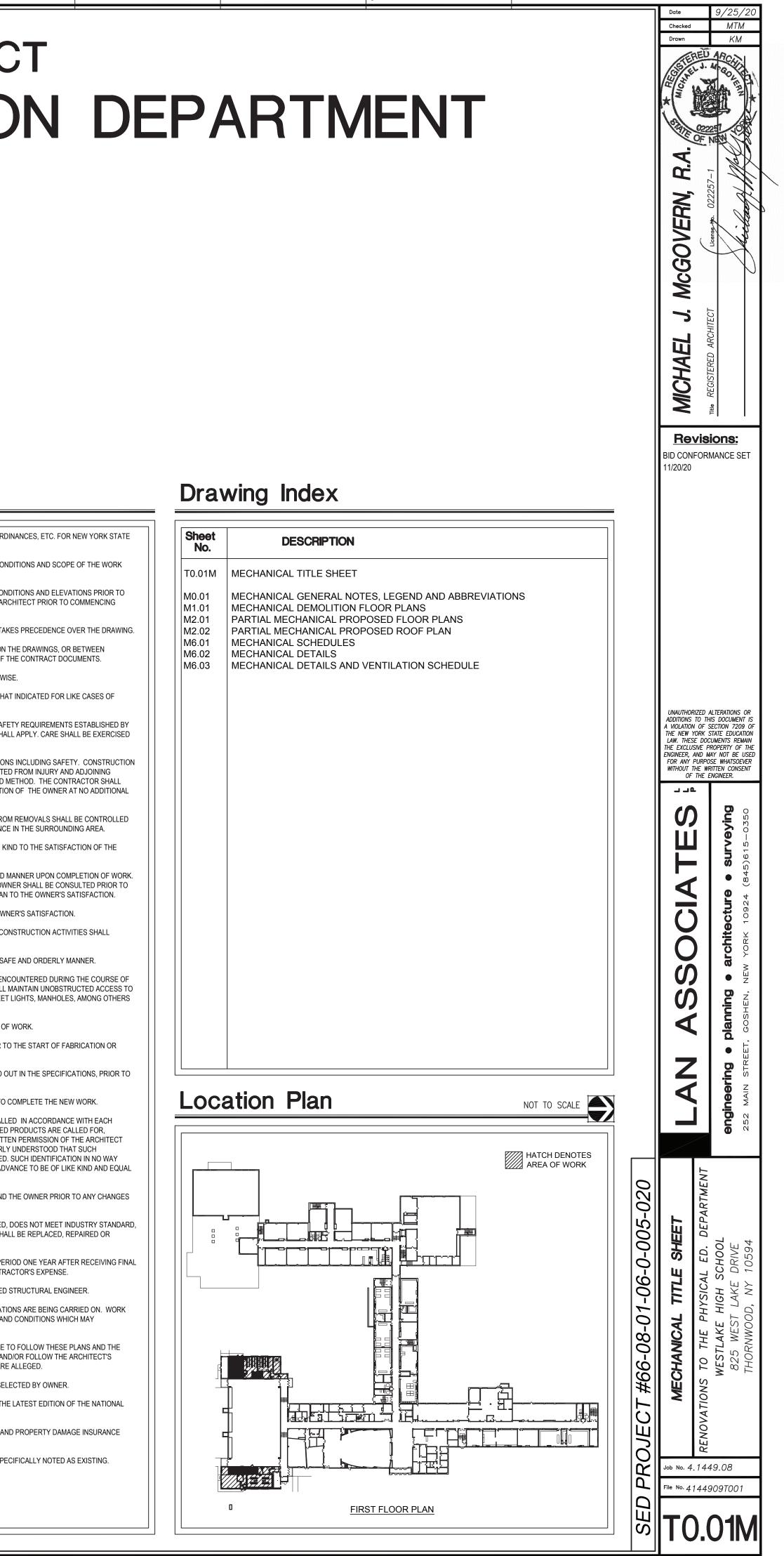


MT. PLEASANT CENTRAL SCHOOL DISTRICT at WESTLAKE HIGH SCHOOL 825 WESTLAKE DRIVE THORNWOOD, NY 10594 NYSED PROJECT #66-08-01-06-0-005-020 CONTRACT#1b: MECHANICAL/HVAC

General Notes

- ALL WORK SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE AND ALL OTHER APPLICABLE CODES, ORDINANCES, ETC, FOR NEW YORK STATE ND THE LOCAL AUTHORITY HAVING JURISDICTIC NTRACTOR SHALL BE RESPONSIBLE FOR VISITING
- RIOR TO SUBMITTING BIDS AND COMMENCING WOR

- CONSTRUCTION
- IURISDICTIONAL AGENCIES AND THE OWNER WHERE CONFLICTS EXIS
- ALL BE PERFORMED IN SLICH A MANNER TO PROTECT WORKMEN, OCCUPANTS AND THE PUBLIC TO BE PROTECTED FROM INJURY AND ADJOINING ROPERTY SHALL BE PROTECTED FROM DAMAGE BY USE OF SCAFFOLDING. UNDERPINNING OR OTHER APPROVED METHOD. THE CONTRACTOR SHAL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM HIS OPERATIONS IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITION COST TO THE OWNER
- THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN, DEBRIS FREE CONDITION. THE DUST RESULTING FROM REMOVALS SHALL BE CONTROLLED SO AS TO PREVENT ITS SPREAD TO OCCUPIED PORTIONS OF THE BUILDING AND TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA. CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM THEIR OPERATIONS IN KIND TO THE SATISFACTION OF THE
- OWNER AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OFF SITE IN AN APPROVED MANNER UPON COMPLETION OF WORK.
- ANY EXTRA BUILDING MATERIALS SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AS DIRECTED. THE OWNER SHALL BE CONSULTED PRIOR TO DISPOSAL OF SALVAGED OR EXCESS MATERIALS AT PROJECT COMPLETION. THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
- , ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION. CONTRACTOR SHALL COORDINATE SCHEDULING OF WORK WITH THE OWNER'S REQUIREMENTS AND SCHEDULE. CONSTRUCTION ACTIVITIES SHALL COMPLY WITH LOCAL NOISE ORDINANCES REQUIREMENTS.
- CONTRACTOR SHALL FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION AND TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED DURING THE COURSE OF THEIR WORK AND TO ENSURE THE OWNER'S FACILITY TO BE OPERATIONAL, IF REQUIRED, THE CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO ALL UTILITIES AND PUBLIC FACILITIES INCLUDING FIRE HYDRANTS, FIRE ALARM BOXES, POLICE CALL BOXES, STREET LIGHTS, MANHOLES, AMONG OTHERS DURING DEMOLITION AND CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING, FILLING AND CLEANING UPON COMPLETION OF WORK.
- . THE CONTRACTOR SHALL SUBMIT WHERE REQUIRED, SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL PRIOR TO THE START OF FABRICATION OR PURCHASE OF THOSE ITEMS.
- 9. THE CONTRACTOR SHALL PROVIDE THE OWNER AND ARCHITECT WITH CERTIFICATES OF INSURANCE, AS SPELLED OUT IN THE SPECIFICATIONS, PRIOR TO STARTING THE WORK.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND BRACING OF EXISTING STRUCTURES AS NEEDED TO COMPLETE THE NEW WORK. ALL MANUFACTURER'S MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC. SHALL BE HANDLED AND INSTALLED IN ACCORDANCE WITH EACH MANUFACTURER'S SPECIFIC INSTRUCTIONS AND RECOMMENDATIONS. WHERE BRAND NAMES AND MANUFACTURED PRODUCTS ARE CALLED FOR. APPROVED EQUALS WHICH MEET APPLICABLE STANDARDS AND SPECIFICATIONS MAY BE SUBSTITUTED WITH WRITTEN PERMISSION OF THE ARCHITECT AND THE OWNER. WHENEVER BRAND NAMES OR SPECIFIC PRODUCT SYSTEMS ARE INDICATED IT SHALL BE CLEARLY UNDERSTOOD THAT SUCH IDENTIFICATION IS FOR THE PURPOSE OF ILLUSTRATING THE TYPE OF PRODUCT AND DEGREE OF QUALITY DESIRED. SUCH IDENTIFICATION IN NO WAY PRECLUDES THE CONTRACTOR FROM USING PRODUCTS OF OTHER MANUFACTURERS WHICH CAN BE SHOWN IN ADVANCE TO BE OF LIKE KIND AND EQUAL QUALITY.
- 2. ALL CHANGES SHALL BE REQUESTED IN WRITING AND MAY ONLY BE APPROVED IN WRITING BY THE ARCHITECT AND THE OWNER PRIOR TO ANY CHANGES BEING MADE.
- THE ARCHITECT AND THE OWNER HAVE THE RIGHT TO REJECT ANY PORTION OF WORK THAT IS POORLY INSTALLED, DOES NOT MEET INDUSTRY STANDARD, UNAUTHORIZED OR WORK DONE CONTRARY TO THE THE INTENT OF THE CONTRACT DOCUMENTS. SUCH WORK SHALL BE REPLACED, REPAIRED OR REMOVED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL GUARANTEE ALL OF THEIR WORK AND THE WORK OF THEIR SUBCONTRACTORS FOR A PERIOD ONE YEAR AFTER RECEIVING FINAL ACCEPTANCE AND DO ALL REPAIR WORK AND REPLACEMENT AS NECESSARY DURING THAT PERIOD AT THE CONTRACTOR'S EXPENSE.
- IN NO EVENT SHALL STRUCTURAL MEMBERS BE CUT OR DRILLED WITHOUT THE WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL PROVIDE SAFE AND SANITARY CONDITIONS WHERE DEMOLITION AND WRECKING OPERATIONS ARE BEING CARRIED ON. WORK SHALL BE EXECUTED IN SUCH A MANNER THAT HAZARD FROM FIRE, POSSIBILITY OF INJURY, DANGER TO HEALTH AND CONDITIONS WHICH MAY CONSTITUTE A PUBLIC NUISANCE SHALL BE MINIMIZED.
- THE ARCHITECT WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS AS WELL AS FAILURE TO OBTAIN AND/OR FOLLOW THE ARCHITECT'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.
- COLOR, FINISHING & TEXTURE OF ALL FINISH MATERIALS, WHERE NOT INDICATED ON THE DRAWINGS, SHALL BE SELECTED BY OWNER. 9. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, AND NFPA 70.
- . CONTRACTORS OR ANY SUBCONTRACTORS PERFORMING WORK UNDER THIS CONTRACT SHALL CARRY LIABILITY AND PROPERTY DAMAGE INSURANCE AGAINST ACCIDENTS OF ALL KINDS AND SHALL FURNISH OWNER WITH CERTIFICATE OF INSURANCE.
- . ALL WORK IN THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS EXISTING.



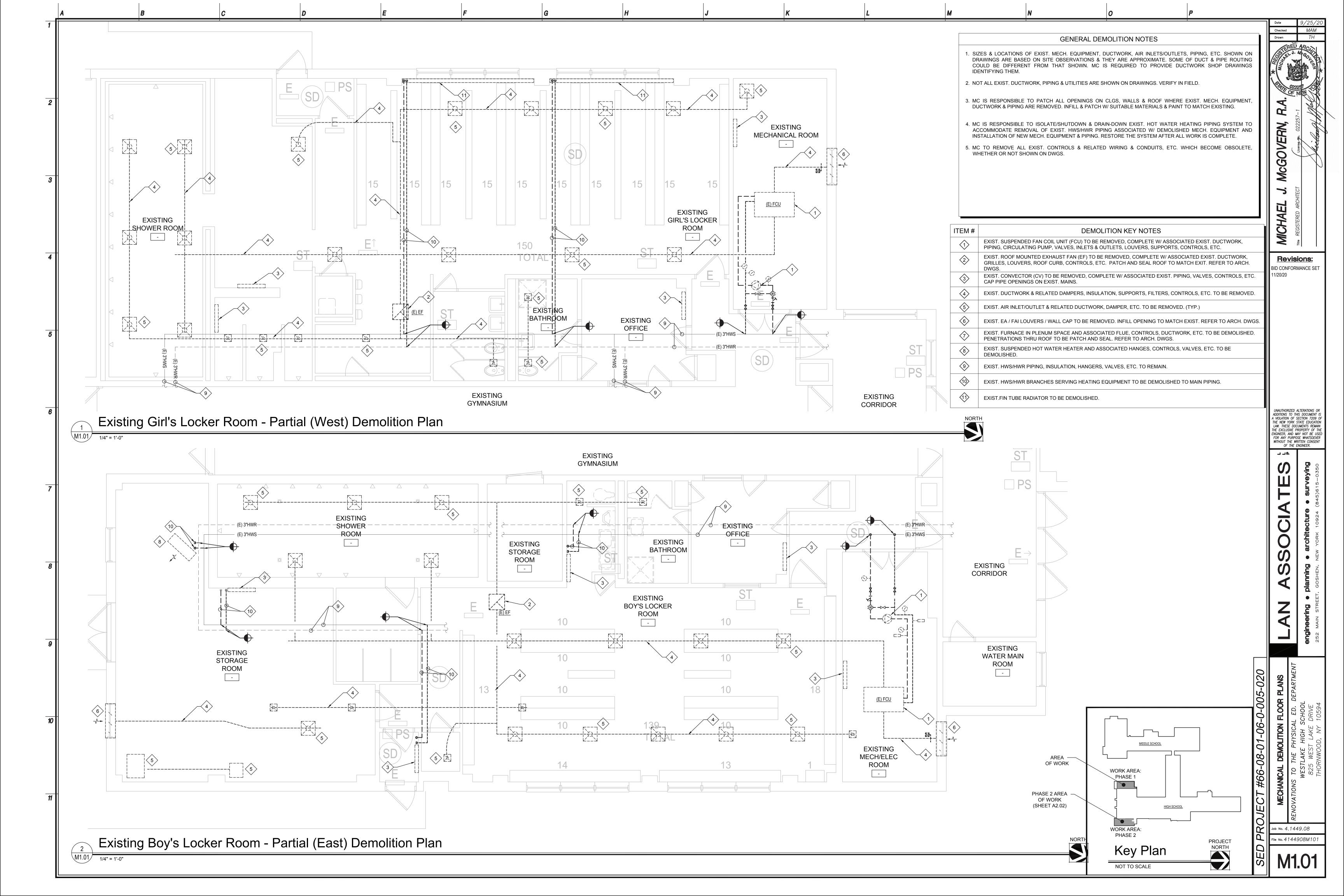
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	GENE	RAL NOTES		HVAC GENE	 RAL N(
	1. ALL WORK SHALL CONFORM TO ENERGY CODE, INTERNATIONA SMACNA, COUNTY GUIDELINES, N	THE LATEST EDITIONS OF THE NE AL MECHANICAL CODE, ASHRAE NEC, NATIONAL STANDARD PLUMB , ORDINANCES, ETC. FOR NEW YO URISDICTION.	E GUIDELINES, NG CODE, AND RK STATE AND 2.	PROCURE AND PAY ALL NECESSARY PERI OUT THE WORK SHOWN. OBTAIN AND PAY COMPLY WITH ALL FEDERAL, STATE ORDINANCES, RULES AND REGULATIO AUTHORITIES CONTROLLING OR LIMITING OR ACTIONS OF THOSE EMPLOYED.	MITS AND LICEN 7 FOR ALL FEES AND MUNICI DNS OF HEAL
	 HIMSELF WITH THE EXISTING CC SUBMITTING BIDS AND COMMENC WORK BASED ON THIS SITE FAMIL CONTRACTOR SHALL BE SOLE CONDITIONS AND SHALL OBSERV JURISDICTIONAL AGENCIES AND TO 	DNDITIONS AND SCOPE OF THE W CING WORK, AND INCLUDE ALL SUC LIARIZATION IN THIS BID. ELY RESPONSIBLE FOR ALL S VE ALL SAFETY REQUIREMENTS ES THE OWNER. WHERE CONFLICTS ES L APPLY. CARE SHALL BE EXERC	ORK PRIOR TO CH NECESSARY 3. AFE WORKING STABLISHED BY 4. KIST, THE MORE	GUARANTEE HVAC SYSTEM FOR A PERI ACCEPTANCE TO BE FREE FROM DEFECT TO OWNER, FAILURES OR DEFECTS. MECHANICAL CONTRACTOR SHALL BE DEBRIS. BALANCE HVAC SYSTEM TO QUANTITIES	S AND REPAIR RESPONSIBLE S INDICATED.
	4. CONTRACTOR SHALL BE RE PROCEDURES AND JOB SITE CO SHALL BE PERFORMED IN SUCH AND THE PUBLIC FROM INJURY A FROM DAMAGE BY USE OF SCAF METHOD. THE CONTRACTOR SI DURING OR RESULTING FROM HIS THE OWNER AT NO ADDITIONAL C	ESPONSIBLE FOR CONSTRUCTION ONDITIONS INCLUDING SAFETY. (A MANNER TO PROTECT WORKME AND ADJOINING PROPERTY SHALL IN FFOLDING, UNDERPINNING OR OTH HALL REPAIR ANY AND ALL DAT S OPERATIONS IN KIND TO THE SA COST TO THE OWNER.	CONSTRUCTION N, OCCUPANTS BE PROTECTED HER APPROVED MAGE CAUSED TISFACTION OF 7.	FOUR (4) SETS OF AIR, WATER ENGINEER/OWNER PRIOR TO FINAL ACCER BIDDERS FOR THIS WORK SHALL VISIT T ALL EXISTING CONDITIONS BEFORE S CONDITIONS HAVE BEEN IDENTIFIED ON ENGINEER. OF ALL DISCREPANCIES PRIOF ALL BIDDERS SHALL ALSO FAMILIARIZ ENTRANCE AND EXIT AT THE PROP NECESSARY TO PROPERLY CARRY OUT TH	PTANCE OF THE THE PREMISES SUBMITTING E DRAWINGS. CC R TO SUBMITTIN TE THEMSELVE PERTY AND A
	AS TO PREVENT ITS SPREAD TO AVOID CREATION OF A NUISANCE 6. CONTRACTOR SHALL SECURE	NG FROM REMOVALS SHALL BE CO OCCUPIED PORTIONS OF THE BU IN THE SURROUNDING AREA.	ERMITS, FEES,	THE CONTRACTOR SHALL, WITH THE APP ADDITIONAL COST TO THE OWNER, MODIFICATIONS TO LOCATIONS AS MAY AND CONDITIONS FOR THE PROPER AND OF ALL PARTS OF EACH SYSTEM.	PROVAL OF THE MAKE ALL NE BE NECESSAR`
	CERTIFICATE OF OCCUPANCY UP 7. CONTRACTOR SHALL BE RESP MATERIAL OFF SITE IN AN APPRO	ON COMPLETION OF WORK.	9. DEMOLISHED BE CONSULTED	SMALL DETAILS ARE NOT USUALLY SHOW THE PROPER INSTALLATION AND OPERAT INSTALLED AT NO ADDITIONAL COST. THE CONTRACTOR SHALL NOTE THAT A SHOWN IN TRUE POSITIONS. EACH BIDDE	ION OR WORK
	 UPON COMPLETION OF WORK, A REMOVED AND THE WORK AR SATISFACTION. ALL WORK SHALL BE SCHEE REQUIREMENTS FOR THE USE OF 	EA SHALL BE LEFT CLEAN TO	THE OWNER'S 11.	SAME WITH FIELD CONDITIONS. CONTRACTOR SHALL CHECK FOR INTER PRIOR TO FABRICATION OR INSTALLATION IF AN ITEM OF EQUIPMENT OTHER THAN T CONTRACTOR SHALL BE RESPONSIBLE F	RFERENCE AND N OF PIPING ANI THE ITEM(S) SPI
	NECESSARY FOR A PROPER OPER 11. CONTRACTOR SHALL BE RESPON SUPPORT OF ANY UTILITIES ENC AND TO ENSURE THE OWNER'S FA 12. CONTRACTOR SHALL REVIEW D	D IN A SAFE AND ORDERLY MA RATIONAL SYSTEM. NSIBLE FOR THE RELOCATION AN COUNTERED DURING THE COURSE ACILITY TO BE OPERATIONAL. DRAWINGS AND FIELD VERIFY AL	NNER, AND AS 13. D TEMPORARY OF HIS WORK 14. L DIMENSIONS, 15	OF ADDITIONAL OR CHANGED GENERAL OR REQUIRED TO ACCOMMODATE THE SUBST ALL EQUIPMENT INSTALLATION SHALL BE DIRECTIONS AND RECOMMENDATIONS. PROVIDE TWO (2) SETS OF SPARE FILTER OTHER EQUIPMENT. PROVIDE TWO-YEAR PREVENTIVE & REC	TITUTED EQUIP IN ACCORDANC RS FOR THE INS GULAR MAINTE
	 SHALL REPORT ANY DISCREPANCE PRIOR TO COMMENCING WORK. 13. CONTRACTOR SHALL BE RESPORT CLEANING UPON COMPLETION OF 14. CONTRACTOR SHALL NOT SCALE 	WORK.	S TO ENGINEER S, FILLING AND L WRITTEN OR	INSTALLED HVAC/MECHANICAL SYSTEM. PERIODIC SERVICE VISITS ANNUALLY COMPONENTS OF HVAC UNITS AND AN' HVAC UNIT FAILS. ALL NECESSARY BEL CHARGE, PROPER OPERATIONS OF ALL D/ THIS SCOPE OF WORK. PROVIDE FIRE DAMPERS/ACCESS DOORS	Y TO INSPEC Y ADDITIONAL LT ALIGNMENT AMPERS, CONT & AT ALL DUCT
	15. CONTRACTOR SHALL SUBMIT, A DRAWINGS AND SUBMITTALS FABRICATION OF THOSE ITEMS DUCTWORK AND PIPING LAYOU ENSURING ALL EQUIPMENT E CLEARANCES) AT ALL LOCATION THE ARCH/ENGR DOES NOT REI CURRENT MODEL NUMBERS, MATERIALS.	WHERE REQUIRED BY THE ARC FOR APPROVAL PRIOR TO TH 5. THIS INCLUDES ALL EQUIPMEN UT, ETC. CONTRACTOR IS RESP ETC WILL FIT (WITH PROPER IS. REVIEW OF SHOP DRAWINGS/S LIEVE THE CONTRACTOR FROM F TYPE, & FEATURES OF ALL E	H/ENGR, SHOP HE START OF IT, SCHEMATIC PONSIBLE FOR MAINTENANCE SUBMITTALS BY PROVIDING THE QUIPMENT'S & 19.	CORRIDORS, SLABS AND OTHER RATED F IT IS INDICATED ON THE DRAWINGS OR NO PROVIDE FIRE STOPPING AROUND ALL O ETC. PENETRATIONS THROUGH COR PARTITIONS. MECHANICAL CONTRACTOR IS RESPO RESTORATION OF AREAS OF MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PRO AND LABOR TO KEEP THE BUILDING FREE	DT. OPENINGS FOF RIDORS, SLAE ONSIBLE FOR REMOVALS. VIDING DUMPS
	18. ALL MANUFACTURER'S MATERIAL SHALL BE HANDLED AND INSTAL INSTRUCTIONS AND RECOMM MANUFACTURED PRODUCTS ARE	RIOR TO STARTING THE WORK. RESPONSIBLE FOR SHORING AND ED TO COMPLETE THE NEW WORK.	20. D BRACING OF SEMBLIES, ETC. NUFACTURERS NAMES AND S WHICH MEET	CONTRACTOR TO PROVIDE TWO (2) SEPA APART) ON PROPER OPERATION & TROU CONTROLS. CONTRACTOR TO NOTE THAT BOTH DWG OF BID REQUIREMENTS. IN CASE OF ANY OR BETWEEN DWGS. & SPECS, THE PREVAIL. CONTRACTOR TO SUBMIT FOUR (4) S	JBLESHOOTING GS. & SPECS. A DIFFERENCES MOST STRING
	WRITTEN PERMISSION OF THE E NAMES OR SPECIFIC PRODUCT UNDERSTOOD THAT SUCH IDENTI THE TYPE OF PRODUCT AND DEG IN NO WAY PRECLUDES THE CO	ENGINEER AND THE OWNER. WHE SYSTEMS ARE INDICATED IT SHAL IFICATION IS FOR THE PURPOSE OF GREE OF QUALITY DESIRED. SUCH I ONTRACTOR FROM USING PRODUC BE SHOWN IN ADVANCE TO BE OF	ENEVER BRAND L BE CLEARLY FILLUSTRATING DENTIFICATION CTS OF OTHER F LIKE AND OF 23.	MANUALS, INCLUDING A SUMMAF MANUFACTURERS/MODEL'S/SERIAL #'S, S INFORMATION, O&M MANUALS, PROJEC AS-BUILT DRAWINGS. CONTRACTOR TO PROVIDE FOUR (4) SETS DRAWINGS OF THE ENTIRE SYSTEM.	RY SHEET Shop Drawing CT Informatio
	MADE. 20. THE ARCHITECT/ENGINEER HAS THAT IS POORLY INSTALLED UNAUTHORIZED, OR WORK DO), DOES NOT MEET INDUSTR NE CONTRARY TO THE THE IN I WORK SHALL BE REPLACED,	TION OF WORK Y STANDARD, TENT OF THE 1. REPAIRED OR	GENERAL CONST REFER TO "MULTIPLE PRIME CONTRACT N FOR CONTRACTORS' RESPONSIBILITIES. GC IS RESPONSIBLE TO CORE DRILL ALL N	NOTES" ON DWO
		OD OF TWO (2) YEARS AFTER RE PAIR WORK AND REPLACEMENT A NTRACTOR'S EXPENSE. AL MEMBERS BE CUT OR DRILLED	CEIVING FINAL S NECESSARY 3.	ALL PIPE & DUCT PENETRATIONS. SEAL CAULK. SEE DRAWINGS FOR APPROXIMAT GC TO REFER TO MECHANICAL DRAW INSTALLING ACCESS PANELS, CUTOUT LO	TE LOCATIONS (/INGS FOR PA
	BE EXECUTED IN SUCH A MANN INJURY, DANGER TO HEALTH AND NUISANCE SHALL BE MINIMIZED. 24. ENGINEER/OWNER MAY ASK TH DRAWINGS & SUBMITTALS OF A	ERATIONS ARE BEING CARRIED ON NER THAT HAZARD FROM FIRE, F D CONDITIONS WHICH MAY CONSTI HE CONTRACTOR TO PROVIDE D ANY/ALL PARTS OF THIS PROJECT	I. WORK SHALL POSSIBILITY OF TUTE A PUBLIC ETAILED SHOP		
	ENGINEER/OWNER DEEMS NECES				

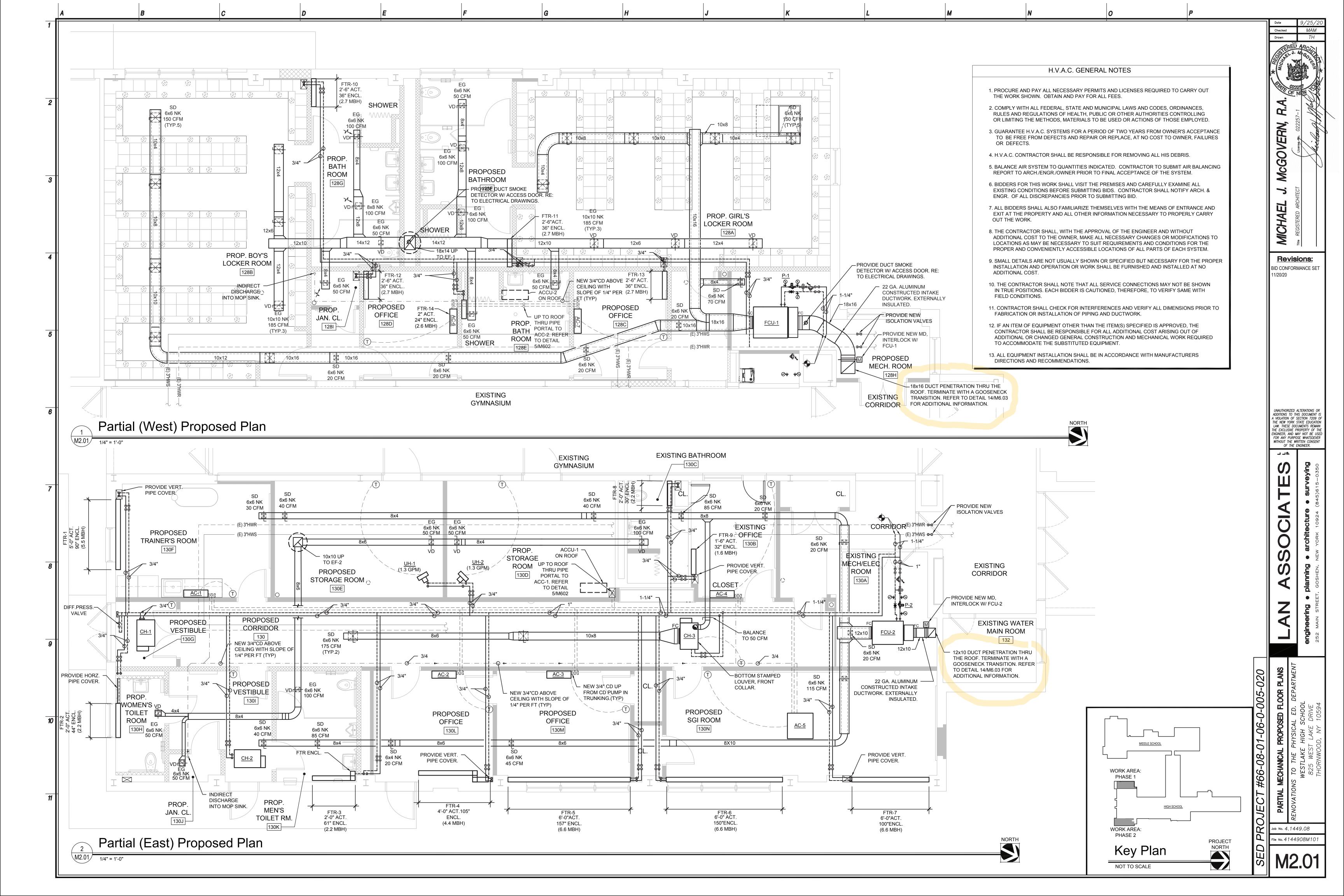
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NOTES	HVAC MATERIA	ALS		SYMBOLS	S NOT TO SCALE		ABBREV	/IATION	S		COSTERED.J.	ARCINE C
CLICENSES REQUIRED TO CARRY FEES. IUNICIPAL LAWS AND CODES, HEALTH, PUBLIC OR OTHER THODS, MATERIALS TO BE USED WO (2) YEARS FROM OWNER'S PAIR OR REPLACE, AT NO COST SIBLE FOR REMOVING ALL HIS TED. CONTRACTOR TO SUBMIT WIT BALANCING REPORT TO DETHE SYSTEM. INSES AND CAREFULLY EXAMINE NG BIDS. NOT ALL EXISTING SS. CONTRACTOR SHALL NOTIFY WITTING BID. SELVES WITH THE MEANS OF ND ALL OTHER INFORMATION C. THE ENGINEER AND WITHOUT LI NECESSARY CHANGES OR SCARY TO SUIT REQUIREMENTS IENTLY ACCESSIBLE LOCATIONS PECIFIED BUT NECESSARY FOR VORK SHALL BE FURNISHED AND CE CONNECTIONS MAY NOT BE TIONED, THEREFORE, TO VERIFY E AND VERIFY ALL DIMENSIONS IG AND DUCTWORK. S) SPECIFIED IS APPROVED, THE ADDITIONAL COST ARISING OUT ICTION AND MECHANICAL WORK EQUIPMENT. RDANCE WITH MANUFACTURERS HE INSTALLED RTUS, AC UNITS, & AINTENANCE SERVICE FOR ALL CUDES A MINIMUM OF TWO (2) SPECT, TEST & CHECK ALL ONAL VISITS REQUIRED IN AND THE ADDITIONS THROUGH NS, IRRESPECTIVE OF WHETHER S FOR DUCT, PIPING, CONDUIT, SLABS AND OTHER RATED FOR ALL DEMOLITION AND ALS. UMPSTER/CONTAINER SERVICES IS. AINING SESSIONS (FOUR WEEKS DTING OF NEW HVAC SYSTEM & ECS. ARE COLLECTIVELY A PART WING SUBMITTALS, WARRANTY RMATION, CONTACT DETAILS & ELECTRONIC COPY OF AS-BUILT CTIONE COPY OF AS-BUILT	β μ EQUIPMENT: • • REFER TO SCHEDULES FOR UNIT MANUFACTURER. DUCTWORK: • • REFER TO SCHEDULES FOR UNIT MANUFACTURER. DUCTWORK: • • NIDOOR AIR DUCTWORK, EXCEPT AS INDIC GALVANIZED STEEL CONSTRUCTION WEIGHTS AS STANDARDS. MIN. 24 GAUGE DUCTWORK SHALL BE ALUM 'A' SEALED. • • •	SIZE, AND CAPACITY DATA. ATED BELOW, SHALL BE IND CONSTRUCTION DETAIL RAE GUIDE AND/OR SMACNA USED FOR THE PROJECT. INUM CONSTRUCTION CLASS SPIRAL DUCTWORK (SOLID W/ 4) FEET IN LENGTH. FOR ANY 5 DIFFUSER, FURNISH A 90° THE DIFFUSER (TITUS MAKE, ACTURERS). 50 TYPE B (BLADE OUT OF SE NOTED) UL-555 LABELED 0 EQUAL). PROVIDE WW/ A MODULE W/ SQUARE, STEEL TION. BOARD AND/OR CONCEALED FRAME TYPE FOR SURFACE PLATE(S) IN ALL 2 AND 3 WAY ATCH THE CEILING COLOR. ED 20. NC RATING OF ALL E "L" W/ SOLDERED FITTINGS. OF DISSIMILAR PIPING. R TYPE "K" WITH BRAZED ER TYPE "K" WITH BRAZED ER TYPE "K" WITH BRAZED ER TYPE "L" WITH WROUGHT G DRAWINGS. ULATED W/ EXTERNAL DUCT VINGS. VORK SHALL BE INSULATED DENSITY FIGENCASS DUCT D15, WITH REINFORCED FOIL RE TO DUCT W/ SEALED LAPS DENSITY RIGID INSULATION O HAVE WELDED PINS AND ARE CLEAR INSIDE DUCT VAPOR TARE INSULATION ON THE DRAWINGS. OVERLAP WHERE INTERNAL SINS. K, MIN. 2 LB. DENSITY RIGID VAPOR BARRIER FASTENED MINUM TAPE. CTION FOR PIPE INSULATION C VARG S PIPING SHALL STOMERIA PIPING SHALL BE STOMERIC INSULATION C VAPOR BARRIER FASTENED MINUM TAPE. CTION FOR PIPE INSULATION D WITH 1" THICK FLEXIBLE		4-WAY SUPPLY AIR CE NECK SIZE AND AND C RETURN AIR REGISTER SIZE AND CFM INDICAT EXHAUST AIR REGISTE AND CFM INDICATED C SUPPLY AIR CEILING R NECK SIZE AND CFM IN RETURN AIR REGISTER AND CFM INDICATED C POINT OF CONNECTIO TO EXISTING POINT OF DISCONNEC TO EXISTING INDICATES HARD DUC (DIMENSIONS ARE INS) INDICATES HARD DUC CLEAR WIDTH & DEPTH DUCT TURN UP (SUPPL	ILING DIFFUSER (SAD) WITH FM INDICATED ON PLANS. R (RAR) WITH NECK TED ON PLANS. R (EAR) WITH NECK SIZE N PLANS. EGISTER/GRILLE (SAR) WITH IDICATED ON PLANS. R (RAR) WITH NECK SIZE N PLAN N OF NEW PIPING/DUCTWORK TION OF NEW PIPING/DUCTWORK TION OF NEW PIPING/DUCTWORK I (DIMENSIONS ARE INSIDE 1). Y, RETURN, EXHAUST) PPLY, RETURN, EXHAUST) DR WITH ACCESS DOOR I THERMOSTAT	N&=@=@=\$=\$ACAD=AC=ADD'L=ALT=ALT=ALT=ALC=BDD=BDD=BDD=CD=CD=CD=CD=CD=DDC=DND=DND=DND=DND=EA=EAR=EAR=EXIST=FAI=FCU=FLR=FLR=FUNCL=FAI=FUNCL=FAI=FCU=FLR=FLR=HWH=	AND AT DIAMETER OR ROUND EXISTING NEW AIR CONDITIONING UNIT AIR COOLED CONDENSING UNIT ACCESS DOOR ADDITIONAL ABOVE FINISHED FLOOR AUTOMATED LOGIC CONTROL ALTERNATE ALUMINUM AIR SEPARATOR BACK DRAFT DAMPER BUILDING BUILDING MANAGEMENT SYSTEM CEILING DIFFUSER CUBIC FEET PER MINUTE CEILING CLEANOUT CONDENSATE DRAIN PUMP CONVECTOR DIRECT DIGITAL CONTROL DIAMETER DOWN DUCT SMOKE DETECTOR DRAWING EAHAUST AIR REGISTER ENTERING AIR TEMPERATURE ELECTRICAL CONTRACTOR EXHAUST FAN ENCLOUSURE EXPANSION TANK EXISTING ENTERING WATER TEMPERATURE FLEXIBLE CONNECTION FAN COIL UNIT FIRE DAMPER FLOOR FINED TUBE RADIATION/BASEBOARD GENERAL CONTRACTOR HORIZONTAL HEAT/VENTILATION/AIR CONDITIONING	IAQ=IAQ=INFO=KMA=KMA=KMC=LAT=LSD=LWB=LWT=MAX=MAX=MFR=MFR=MFR=MFR=NK=OA=OA=OA=PC=RAR=RAR=RAR=RAR=SAD=SAD=SAD=SAR=SAR=SS=SR=VD=VFD=VFR=W/MS=	PSINDOOR AIR QUALITY INSIDE DIAMETER (DIM) INFORMATIONKITCHEN MAKEUP AIR KITCHEN MECHANICAL CONTRACTOR KITCHEN EXHAUSTLEAVING AIR TEMPERATURE LAVING WAT BULB LINEAR SLOT DIFFUSER LAVING WAT BULB LINEAR SLOT DIFFUSER CONTRACTOR MECHANICAL CONTRACTOR MECHANICAL CONTRACTOR RETURN AIR REGISTER RETURN AIR REGISTER RETURN AIR REGISTER RETURN AIR REGISTER SUPPLY AIR SUPPLY AI		Checked	Value
N DWG. A1.00 & SPECIFICATIONS LOORS, CEILING, ROOF ETC. FOR IG WITH 2-HOUR FIRE BARRIER IONS OF PIPES, DUCT, ETC. OR PAINTING, FURNISHING AND , ETC.		K LAPSEAL OR APPROVED								66-08-01-06-0-005-020	TES, I HYSIC	WESTLAKE HIGH SCHOOL 825 WEST LAKE DRIVE THORNWOOD, NY 10594 252

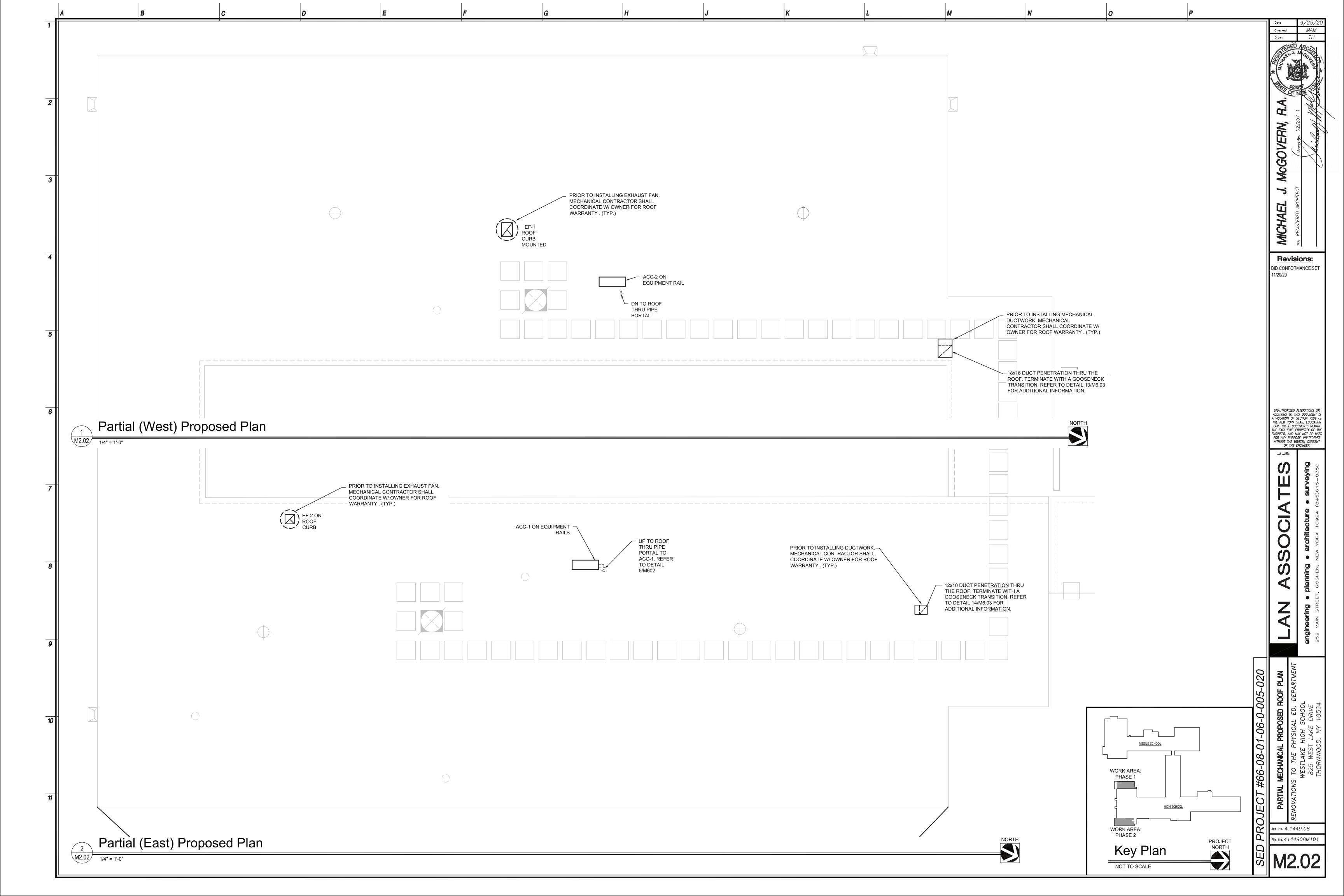


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						EXH/	AUST	FAN S	CHEDULE
TAG No.	QTY	CFM	ESP (IN.)	HP	RPM	ELECTRICAL DATA VOLT-PH-HZ	MODEL & M/	ANUFACTURER	
EF-1	1	1760	1.0	3/4	1725	208-3-60	GB-141-7	GREENHECK	BELT DRIVE CENTR BIRD SCREEN, 18" F
EF-2	1	400	0.75	1/4	1725	120-1-60	GB-101-4	GREENHECK	BELT DRIVE CENTR BIRD SCREEN, 18" F

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TAG No.	QTY CFM (IN.)	HP RF	ELECTRIC	CAL DATA		NUFACTURER			IARKS		(GREENHE)	CK AS STANE	DARD)									STATE OF NEW
EF-1	QTY CFM (IN.) 1 1760 1.0	3/4 172				GREENHE		RIFUGAL RO	OF MOUNTED, S	TANDARD MOT	for, Nema-1	DISCONNECT	T SWITCH,									R.A.
							BIRD SCREEN, 18"	ROOF CURB	8 & BACK DRAFT	DAMPER, INTE	RLOCK W/ F	CU-1.										3X , I
EF-2	1 400 0.75	1/4 172	25 120-	-1-60	GB-101-4	GREENHE	CK BIRD SCREEN, 18"	ROOF CURB	8 & BACK DRAFT	DAMPER, INTE	RLOCK W/ F	CU-2.										
					D	UCTL	ESS SPLIT	-DX I	NDOOF	R AC/H	IEAT	PUMF	VNIT	SCHED	ULE			IKIN AS STANDARD)				
		AIR FLOW	OUTDOOR	COO		HEATING				RICAL DATA		IMENSIONS		REFRIGERANT					-			WC
TAG No.	AREA SERVED	L-H (CFM)	AIR (CFM)	ТВМН	SBMH	MBH	MODEL & MANUFAC	TURER	VOLT/PH/HZ	MCA			WEIGHT (LBS)	TYPE		REMARKS						
AC-1	TRAINER'S ROOM 130F	180-290	-	11.0	8.3	13	FXAQ12PVJU E	AIKIN	208/1/60	0.4	15 ;	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PL	IMP AC UNIT.						D ARCH
AC-2	OFFICE 130M	180-290	-	11.0	8.3	13	FXAQ12PVJU E	AIKIN	208/1/60	0.4	15 3	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PL	IMP AC UNIT.						OISTERE
AC-3	OFFICE 130L	175-280	-	8.0	7.0	8	FXAQ09PVJU E	AIKIN	208/1/60	0.4	15 3	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PU	IMP AC UNIT.						
AC-4	EXISTING OFFICE 130B	160-260	-	7.0	5.9	7	FXAQ07PVJU E	AIKIN	208/1/60	0.4	15 ;	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PL	IMP AC UNIT.			_			Revisions
AC-5	SGI 130N	470-635	-	22.0	17.9	22.0		DAIKIN	208/1/60	0.5		33 x 33 x 9	60	R-410A	CEILING-MOUNTED HEAT				_			BID CONFORMANCE 11/20/20
AC-6	OFFICE 128D	160-260	-	7.0	7.0	7			208/1/60	0.4		31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PL				_			
AC-7 <u>NOTES</u> :	OFFICE 128C	160-260	-	7.0	7.0	7	CTXS07LVJU E	DAIKIN	208/1/60	0.4				R-410A	WALL-MOUNTED HEAT PL	IMP AC UNIT.			_			
1. FOF	R AC-1,2,3,4,6 &7, PROVIDE UNIT).	E WALL-MOUNT	ING PLATES, C	ONDENSATI	E PUMP W/ F	RESERVOIR S	SENSOR & ALARM CONTA	ACT. PUMP T	O BE POWERED) BY	3. INT	ERLOCK W/ R	RESPECTIVE A	CCUs.	S. TERS FOR EACH UNIT.							
			NG HEATI	NG NO	MINAL N	IOMINAL	DUTDOOR										(D	AIKIN AS STANDARD)			
TAG No.	LOCATION UNIT	ED OPERAT TEMP. (ING OPERA	TING CO	OLING F	IEATING (MBH)	MODEL & MANUFACTU	RER	LECTRICAL DATA VOLT/PH/HZ	A COMPRES NO.		D. FAN MC NO.	CA MOP	REFRIGERANT TYPE		PROX. HT (LBS)	REMA	RKS				
ACCU-1	ROOF AC-1 TH	IU 5 14 TO 1	15 -4 TO	75	59.0	63.0	RXTQ60TAVJU DA	IKIN	208/1/60	1		1 29	9.1 35	R-410A	36 x 53 x 13 22	25 18.0	SEE NOT	ËS.				
ACCU-2	ROOF AC-6,	7 14 TO 1	15 -4 TO	75	18	18.9	2MXS18NMVJU DA	IKIN	208/1/60	1		1 15	5.8 20	R-410A	34 x 28 x 12 12	25 18.9	SEE NOT	ES.				UNAUTHORIZED ALTERATION ADDITIONS TO THIS DOCU A VIOLATION OF SECTION THE NEW YORK STATE ED LAW. THESE DOCUMENTS
2. PR	OVIDE 24" HIGH, "PATE" M/ OVIDE W/ LOW AMBIENT C ERLOCK W/ RESPECTIVE /	CONTROL FOR	ACCU-1 & 2.	EQUIPMENT	ROOF SUPP	ORT CURBS	FOR EACH UNIT.		CTRICAL CONTRA			NSTALL NEMA	A 3R DISCONN	IECT SWITCH & GF	ONVENIENCE OUTLET.							IHE NEW TOKK STATE EL LAW. THESE DOCUMENTS THE EXCLUSIVE PROPERTY ENGINEER, AND MAY NOT FOR ANY PURPOSE WHAY WITHOUT THE WRITTEN C OF THE ENGINEER

В		C		D			E	F		G		н		J	κ	L	м	N	0	P	
										·		·									Date 9/2 Checked V Drawn V GSERED ARC
				E	XHA	UST	FAN	SCHEDULE			(GREE	NHECK AS STA									t the second
TAG No.	QTY CFM	ESP (IN.)	IP RPM	ELECTRICAL VOLT-PH-F	DATA		NUFACTURER		REMARKS												CATE OF NEW
EF-1	1 1760	1.0 3	/4 1725	208-3-6		GB-141-7	GREENHE	CK BELT DRIVE CENTRIFU BIRD SCREEN, 18" ROO		, STANDARD N		MA-1 DISCONNE	ECT SWITCH,								R.A
EF-2	1 400	0.75 1	/4 1725	120-1-6	60 (GB-101-4	GREENHE	BELT DRIVE CENTRIEU	GAL ROOF MOUNTED	, STANDARD I	MOTOR, NE	MA-1 DISCONNE	ECT SWITCH,								(ERN, 02225)
						D	UCTL	ESS SPLIT-	DX INDOC	DR AC	/HEA			SCHED	ULE		(DAIKIN AS STANDARD)				CGOV
TAG No.	AREA SERV	/ED	FLOW (L-H CFM)	OUTDOOR AIR (CFM)	COOL		HEATING	MODEL & MANUFACTUR	ER			DIMENSIONS	S APPROX. WEIGHT (LBS	REFRIGERANT		REMARKS					J. M
AC-1	TRAINER'S R	<u> </u>	0-290	-	TBMH 11.0	8.3	MBH 13	FXAQ12PVJU DAIKI	VOLT/PH/HZ N 208/1/60	0.4	MOP 15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC			_			EL •
AC-2	130F OFFICE 130		0-290	_	11.0	8.3	13	FXAQ12PVJU DAIKI		0.4	15	31 x 12 x 9		R-410A	WALL-MOUNTED HEAT PUMP AC						HAE
AC-3	OFFICE 13	0L 17	5-280	-	8.0	7.0	8	FXAQ09PVJU DAIKI	N 208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC	UNIT.		-			MIC THe REGIS
AC-4	EXISTING OF 130B	FICE 16	0-260	-	7.0	5.9	7	FXAQ07PVJU DAIKI	N 208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC	UNIT.		-			· · ·
AC-5	SGI 130N	J 47	0-635	-	22.0	17.9	22.0	FXFQ24PVJU DAIKI	N 208/1/60	0.5	15	33 x 33 x 9	60	R-410A	CEILING-MOUNTED HEAT PUMP	AC UNIT.					Revisions BID CONFORMANC
AC-6	OFFICE 128	3D 16	0-260	-	7.0	7.0	7	CTXS07LVJU DAIKI	N 208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC	UNIT.					11/20/20
AC-7	OFFICE 128	3C 16	0-260	-	7.0	7.0	7	CTXS07LVJU DAIKI	N 208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC	UNIT.					
	R AC-1,2,3,4,6 &7 UNIT).	7, PROVIDE WA	ALL-MOUNTING	B PLATES, CON	NDENSATE	PUMP W/ R	RESERVOIR	SENSOR & ALARM CONTACT.	PUMP TO BE POWER	ED BY	2. 3. 4.	INTERLOCK W	// RESPECTIVE A		S. .TERS FOR EACH UNIT.						
							(OUTDOOR A	R-COOLI	ED CO	NDE	NSING	UNIT S	SCHEDU	ILE		(DAIKIN AS STANDARD)			
TAG No.	LOCATION	UNIT SERVED	COOLING OPERATING TEMP. (°F)		IG COC	DLING H	IOMINAL IEATING (MBH)	MODEL & MANUFACTURER	ELECTRICAL DA VOLT/PH/HZ		RESSOR IO.	COND. FAN NO.	MCA MOP	REFRIGERANT TYPE	UNIT DIMENSIONS APPROX. WxHxD (IN) WEIGHT (LBS) SEER	REMARKS				
ACCU-1	ROOF	AC-1 THU 5	14 TO 115	-4 TO 75	5 59	9.0	63.0	RXTQ60TAVJU DAIKIN	208/1/60		1	1	29.1 35	R-410A	36 x 53 x 13 225	18.0	SEE NOTES.				
ACCU-2	ROOF	AC-6,7	14 TO 115	-4 TO 75	5 1	18	18.9	2MXS18NMVJU DAIKIN	208/1/60		1	1	15.8 20	R-410A	34 x 28 x 12 125	18.9	SEE NOTES.				UNAUTHORIZED ALTERATI ADDITIONS TO THIS DOCU A VIOLATION OF SECTION THE NEW YORK STATE EL
2. PR	DVIDE 24" HIGH, DVIDE W/ LOW A ERLOCK W/ RES	AMBIENT CON	ROL FOR ACC	CU-1 & 2.	UIPMENT R	ROOF SUPP	ORT CURBS	FOR EACH UNIT. 5.	ELECTRICAL CONT REFER TO ELECTR			6H & INSTALL NE	EMA 3R DISCONN	NECT SWITCH & GI	FI CONVENIENCE OUTLET.						LAW. THESE DOCUMENTS THE EXCLUSIVE PROPERT ENGINEER, AND MAY NOT FOR ANY PURPOSE WHA WITHOUT THE WRITTEN (OF THE ENGINEER

				F	AN	СС	DIL	UN	IT	SCH	EC	UL	E		(GREENHECK AS STANDARD)
MARK No.	UNIT LOCATION	UNIT SIZE	ELECTRICAL DATA	HP	CFM	ESP	MIN	COIL		HEATING		1	1	MODEL &	REMARKS
		WxLxH	VOLT-PH-HZ			IN	OA CFM	ROWS	MBH	EWT/LWT	LAT F°	GPM	WPD	MANUFACTURER	
FC-1	WEST SIDE	40 x 44 x 21	208 - 3 - 60	180	1,650	1.0	1,650	2	137.4	180/160	85	14.2	3.3	TBH-16 GREENHECK	W/ WALL BOX, DUCT COLLAR, ASHARE CYCLE II CONTROL, 3-WAY CONTROL VALVE PIPING PACKAGE, REMOTE ROOM THERMOSTAT.
FC-2	EAST SIDE	30 x 40 x 21	208 - 3 - 60	120	610	0.75	610	2	52.4	180/160	87.4	5.4	7.2	TBH-08 GREENHECK	W/ WALL BOX, DUCT COLLAR, ASHARE CYCLE II CONTROL, 3-WAY CONTROL VALVE PIPING PACKAGE, REMOTE ROOM THERMOSTAT.

		TUBE	FIN	ACTIVE	BTU/		HO	T WATE	R HEAT	ING			
TAG NO.	LOCATION	SIZE	PER FT.	ELEMENT LENGTH	HR-FT	TIERS	MBH	EWT (°F)	LWT (°F)	GPM	MODEL & N	IANUFACTURER	
FTR-1	TRAINER'S RM130F	3/4"	50	5'-0"	1,110	1	5.5.	180	160	0.5	JVB-F	STERLING	
FTR-2	WOMAN'S TOILET 130H	3/4"	50	2'-0"	1,110	1	2.2	180	160	0.5	JVB-F	STERLING	
FTR-3	MEN'S BATHROOM 130K	3/4"	50	2'-0"	1,110	1	2.2	180	160	0.5	JVB-F	STERLING	
FTR-4	OFFICE 130L	3/4"	50	5'-0"	1,110	1	5.5	180	160	0.5	JBV-F	STERLING	
FTR-5	OFFICE 130M	3/4"	50	6'-0"	1,110	1	6.6	180	160	0.6	JBV-F	STERLING	
FTR-6,7	SGI 130N	3/4"	50	6'-0"	1,110	1	6.6	180	160	0.6	JBV-F	STERLING	
FTR-8	EXIST. TOILET	3/4"	50	2'-0"	1,110	1	2.2	180	160	0.5	JVB-F	STERLING	
FTR-9	EXIST. OFFICE	3/4"	50	1'-6"	1,110	1	1.6	180	160	0.5	JVB-F	STERLING	
FTR-10,11	GIRL'S/BOY'S BATHROOMS	3/4"	50	2'-6"	1,110	1	2.7	180	160	0.5	JVB-F	STERLING	
FTR-12,13	OFFICE 129C/128D	3/4"	50	2'-6"	1,110	1	2.7	180	160	0.5	JVB-F	STERLING	
FTR-14	BATHROOM 128E	3/4"	50	2'-0"	1,110	1	2.6	180	160	0.5	JVB-F	STERLING	
		•		-									_

NOTES: 1. ALL FTRS SHALL BE 14" H x 5-5/16" D. THE LENGTH INDICATED IN ABOVE SCHEDULE IS ACTIVE FINNED TUBE LENGTH. THE OVERALL LENGTH OF COVERS (ENCLOSURES) SHALL BE WALL TO WALL OR AS INDICATED ON FLOOR PLANS. 2. PROVIDE W/ MIN. 14 GAUGE GALVANIZED STEEL FRONT COVER, 18 GA. FULL HEIGHT BACK PANEL, AIR VENT, CORNER PIECES, SPLICE PLATES, END CAPS, VALVE ENCLOSURE

COVER & WALL TO WALL COVER, WATER BRACKETS & TAMPER RESISTANT DAMPERS.

3. PROVIDE DANFOSS CONTROL VALVE W/ UNIT MOUNTED DIAL-CONTROL FOR EACH FTR. 4. PROVIDE PIPE ENCLOSURE SAME GAUGE AND FINISH AS COVERS WHERE INDICATED.

11

(STERLING AS STANDARD)

SCHEDULE

REMARKS

PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW. PROVIDE W/ WATER BRACKETS W/ HANGERS. SEE NOTES BELOW.

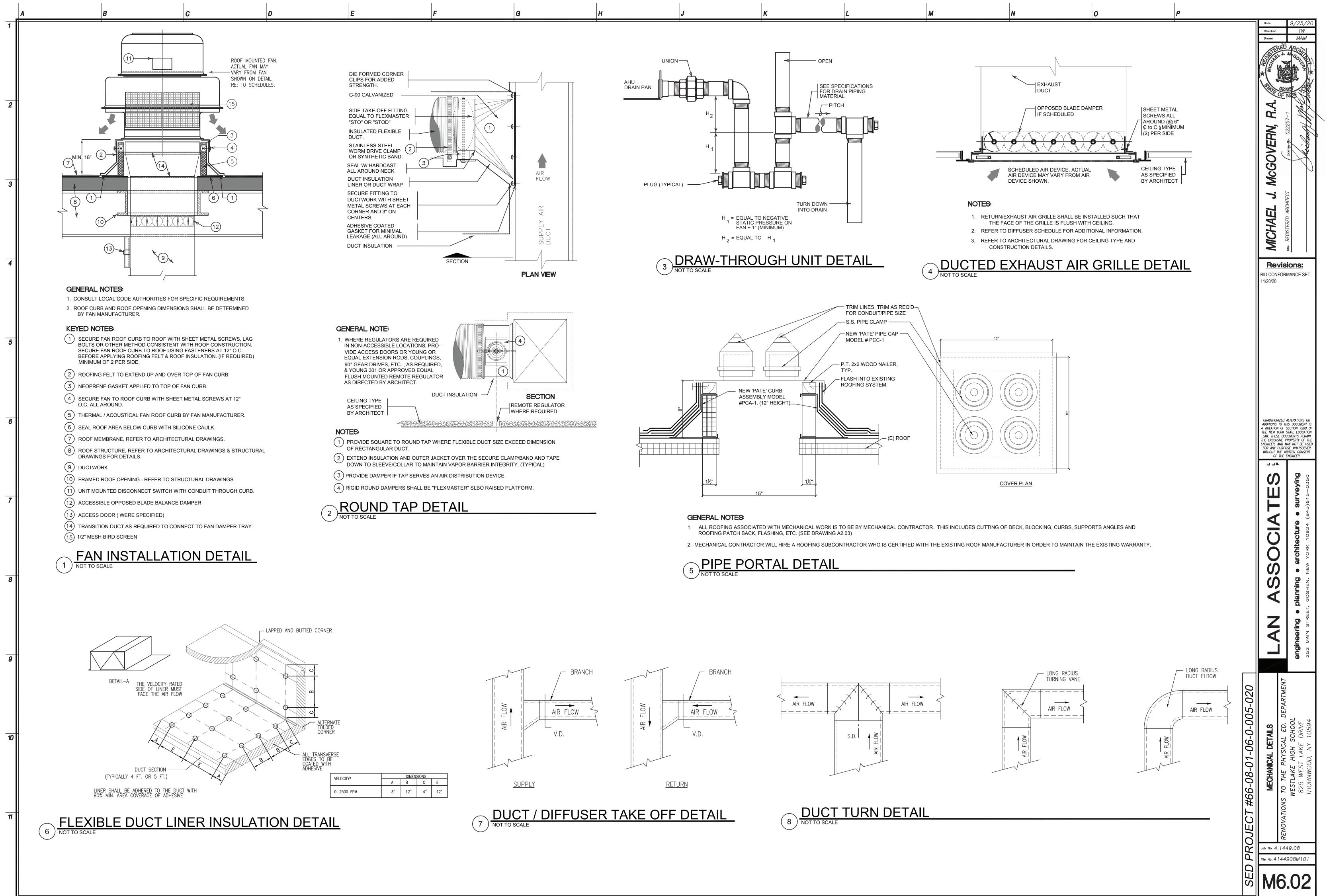
			H	ΟΤ	WA	TER	CA	\B	NET H	EA	TE	R SCHI	EDUL	.E		
					HOT WATE				ELECTRICAL						(TRA APPROX.	NE AS STANDARD)
TAG NO.	AREA SERVED	S.A. CFM	O.A. CFM		1	1		HP	DATA	FLA	MOP	MODEL & MANUF	ACTURER	DIMENSIONS (L x W x H) (IN)	UNIT WEIGHT	REMARKS
		CEIVI	CEIVI	MBH	EWT (°F)	LWT (°F)	GPM		V - PH - HZ						(LBS)	
CH-1,2	VESTIBULES	220	-	5.0	180	160	0.5	0.22	208 - 1 - 60	1.8	15	FF MODEL E	TRANE	34 x 25 x 10	100	SEE NOTES.
CH-3	CORRIDOR 130	350	50	5.3	180	160	0.5	0.22	208 - 1 - 60	1.9	15	FF MODEL C	TRANE	26 x 27 x 10	100	SEE NOTES.
NOTES:										·					· · · · ·	

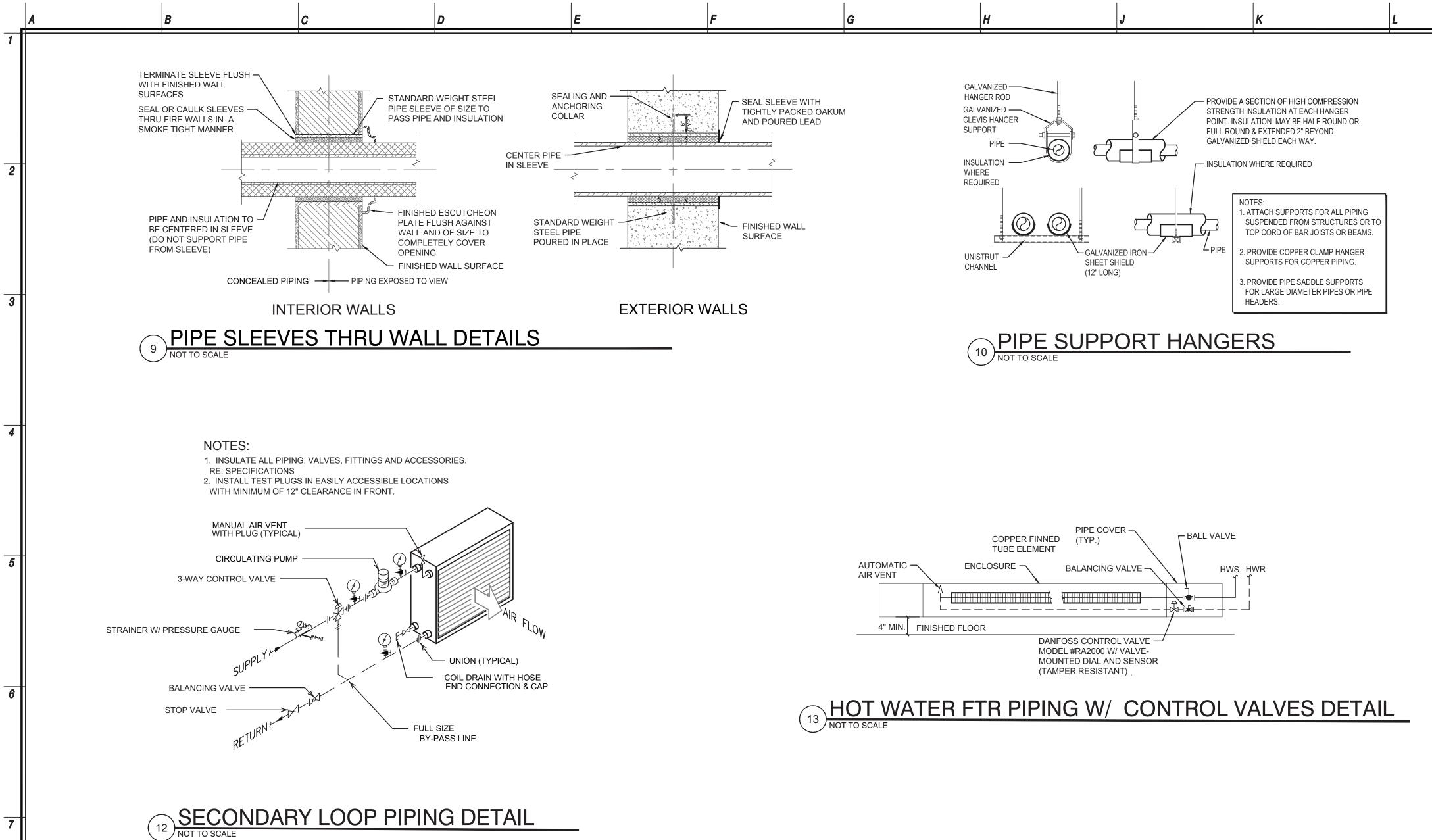
PROVIDE W/ HW HEATING COIL, FACTORY INSTALLED DELUXE PIPING PACKAGE OPTION #F W/ 2-WAY MODULATING CONTROL VALVE FOR EACH UNIT. . PROVIDE W/ ECM MOTOR, FILTERS, KEYLOCK PANEL & ACCESS DOOR, & DISCONNECT SWITCH FOR EACH UNIT. . PROVIDE W/ BOTTOM STAMPED INLET & OUTLET LOUVERS FOR CEILING-HUNG HORIZONTAL UNITS. 4. UNIT COLOR TO BE SELECTED BY OWNER. PROVIDE COLOR CHART.

									1	EATER SCHE	CDULE (REZNOR AS STAND
TAG NO.	LOCATIC	ON CF	FM HF	,		ATER HEAT	GPM	WPD	ELECTRICAL DATA V - PH - HZ	MODEL & MANUFACTURER	REMARKS
UH-1,2	STORAG 130E/130		70 0.0	4 13	180	160	1.3	0.06	115 - 1 - 60	WS-18/24 REZNOR	PROVIDE W/ 4-WAY DIFFUSER, OSHA FAN GUARD, DISCONNECT SWITCH, TRANSFORMER, & HEAVY DUTY THERMOSTAT.
				F	PUMP	SCH	IEDI	ULE			
MARK No.	GPM	FT. HD.	HP	RPM	PUMP ELECTRIC DATA VOLT - PH - HZ	A		ULE MANUFACTU	JRER	REMARKS	
MARK No. P - 1	GPM 14.2	FT. HD. 15	HP 1/6		ELECTRIC DAT	A Z		MANUFACTU		REMARKS N/ FITTINGS PER SPECIFICATION	

											(REZNOR AS STAN
TAG NO.	LOCATION	CFM	HP		HOT W	VATER HEAT	TING		CTRICAL DATA		REMARKS
TAG NO.	LOCATION	CFIM		MBH	EWT (°F)	LWT (°F)	GPM		PH - HZ	MODEL & MANUFACTURER	REIVIARAS
UH-1,2	STORAGE 130E/130E	270	0.04	13	180	160	1.3	0.06 115 -	- 1 - 60	WS-18/24 REZNOR	PROVIDE W/ 4-WAY DIFFUSER, OSHA FAN GUARD, DISCONNECT SWITCH, TRANSFORMER, & HEAVY DUTY THERMOSTAT.
				Ρ	UMP	SCH	IEDU	ILE			
MARK No.	GPM FT.	HD. HP	RF	PM	UMP ELECTRIC DAT VOLT - PH - H	ГА		ILE ANUFACTURER		REMARKS	
MARK No. P - 1	GPM FT. 14.2 1			PM	ELECTRIC DAT	TA Z			ETT V	REMARKS // FITTINGS PER SPECIFICATION	

D PROJECT #66-08-01-06-02020 Mechanical Schedules Renovations to the PHYSICAL ED. DEPARTMENT Renovations to The PHYSICAL ED. DEPARTMENT WESTLAKE HIGH SCHOOL 825 WEST LAKE DRIVE THORNWOOD, NY 10594 252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)615-0	PROJECT #66-08-01-06-0-005-020 MECHANICAL SCHEDULES RENOVATIONS TO THE PHYSICAL ED. DEPARTMENT WESTLAKE HIGH SCHOOL 825 WEST LAKE DRIVE THORNWOOD, NY 10594
D PROJECT #66-08-01-06-0-005-020	ED PROJECT #66-08-01-06-(MECHANICAL SCHED MECHANICAL SCH
Job No. 4.1449.08 File No. 4144908M101	Job No. 4.1449.08 File No. 4144908M101





VENTILATION SCHEDULE												
Room Name	Floor Area (Sq. Ft.)	Required O.A. per Sq. Ft.	Required O.A. For Space	No. of People	Required O.A. per Person	Required OA For Occupants	Total Min. O.A. Required (CFM)	Zone Air Distribution Effectiveness	Zone Min. O.A. Required (CFM)	Design		
										O.A. (CFM)	E.A. (CFM)	Remarks
WEST SIDE LOCKER ROOM												
GIRL'S LOCKER ROOM 128A	697	-	-	-	-	-	-	-	-	750	555	0.25/SF
BATHROOM 128F	190	-	-	-	-	-	-	-	-		250	50CFM/FIXT.
LOBBY	43	0.06	3	-	-	-	3	0.8	3	20		
OFFICE 128D	115	0.06	7	1	5	5	12	0.8	15	20		
BATHROOM 128G	200	-	-	-	-	-	-	-	-		250	50CFM/FIXT.
BOY'S LOCKER ROOM 128B	677	0.06	41	-	-	-	41	0.8	51	750	555	0.25/SF.
OFFICE BATHROOM 128E	127	-	-	-	-	-	-	-	-		100	50CFM/FIXT.
OFFICE 128C	115	0.06	7	1	5	5	13	0.8	16	20	-	
CORRIDOR TO LOCKER	60	0.06	4	-	-	-	-	-	4	20	-	DOOR TRANSFER
JANITOR'S CLOSET 128I	15	-	-	-	-	-	-	-	-	-	50	
MECHANICAL ROOM 128H	247	0.12	30	-	10	-	30	0.8	37	70	-	50CFM/FIXT.
EAST SIDE												
TRAINER'S ROOM 130F	200	0.06	12	2	5	10	22	0.8	28	30	-	
STORAGE 130E	224	0.12	27	-	-	-	27	0.8	34	40	50	
STORAGE 130D	224	0.12	27	-	-	-	-	0.8	34	40	50	
BATHROOM 130C	66	-	-	-	-	-	-	0.8	-	85	100	50CFM/SF/
OFFICE 130B	102	0.06	6	1	5	5	11	0.8	14	20	-	
CORRIDOR	105	0.06	6	-	-		6	0.8	8	20	-	
MECHANICAL ROOM 130A	125	0.12	15	-	-	-	-	-	15	20	-	
CORRIDOR 130	477	0.06	29	-	-	-	29	0.8	36	50	-	
VESTIVULE 130G	45	0.06	3	-	-	-	3	0.8	3	-		DOOR TRANSFER
WOME'S TOILET 130H	53	-	-	-	-	-	-	-	-	-	50	50CFM/FIXT.
JANITO'S CLOSET 130J	16	0.06	-	-	-	-	-	-	-	-	50	50CFM/FIXT.
VESTIVULE 130I	108	0.06	6	-	-	-	6	0.8	8	40	-	
MEN'S BATHROOM 130K	99	-	-	-	-	-	-	-	-	85	100	50CFM/FIXT.
OFFICE 130L	150	0.06	9	1	5	5	14	0.8	18	20	-	
OFFICE 130M	167	0.06	10	5	5	25	35	0.8	44	45	-	
SGI ROOM 130N	343	0.12	41	10	5	50	91	0.8	114	115	-	
TOTAL	4,990		281	21		105	342					

