	RICAL SYMBOL LEGEND D ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED	POWER DEVICES		
	HOME RUN (2#12 1#12G UNO)	D	DUPLEX RECEPTACLE.	
*	INDICATES 2 PHASE, 1 N, & 1 GRD CONDUCTOR		LINE THRU DEVICE INDICATES ABOVE COUNTER	
	HOME RUN: INDICATES SHARED CIRCUIT	GFI	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.)	
/	HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY	=	QUADPLEX RECEPTACLE	
<u>UTILITIES</u>		$\Theta_{\overline{5}-50R}$	SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED	
—— ОНЕ ——	UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT	€ <u>5</u> -50R	MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE	
UGT	UNDERGROUND TELECOMMUNICATIONS CONDUIT		RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE"	
EIGHTING	FLUORESCENT LIGHT FIXTURE FLUORESCENT STRIP FIXTURE SURFACE/RECESSED LIGHT FIXTURE WALL-MOUNTED LIGHT FIXTURE POLE-MOUNTED LIGHT FIXTURE EXIT LIGHT		POKE—THRU WITH POWER POKE—THRU WITH TELECOMMUNICATIONS POKE—THRU W/POWER AND TELECOM SINGLE GANG FLOOR BOX (2, 3, 4 GANG SIMILAR) DIVIDED POWER POLE CLOCK RECEPTACLE PLUG MOLD / WIRE MOLD AS SPECIFIED	
\$	BATTERY-OPERATED EMERGENCY LIGHT (WALL MTD) BATTERY-OPERATED EMERGENCY LIGHT (CEILING MTD) WALL-MOUNTED COMBINATION EXIT LIGHT/ BATTERY-OPERATED EMERGENCY LIGHT LIGHT SWITCH - SINGLE POLE		JUNCTION BOX THERMOSTAT — ELECTRIC PUSH BUTTON MOTOR	
\$ ₃	LIGHT SWITCH — 3—WAY	TELEPHONE/DAT	<u>「A</u> TELEPHONE OUTLET (SINGLE—GANG BOX WITH (1)	

EQUIPMENT

GENERAL SYMBOLS

SWITCHBOARD. FEEDER/MAIN CIRCUIT BREAKER

SECTION AND DISTRIBUTION SECTION.

DISTRIBUTION PANELBOARD

INDICATES ELEVATION

	HOME RUN: INDICATES SHARED CIRCUIT	G FI	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.)	$\langle \overline{D} \rangle$	DUCT SMOKE DETECTOR
	HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY	⊕	QUADPLEX RECEPTACLE	$\langle H \rangle$	HEAT DETECTOR
			SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED	■ WF	WATERFLOW SWITCH
	UNDERGROUND ELECTRICAL	⊖ _{5-50R} €	MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED	■ TS	TAMPER SWITCH
	OVERHEAD ELECTRICAL	5–50R	CEILING MOUNTED RECEPTACLE	X 75	VISIBLE NOTIFICATION DEVICE WITH CANDELA RATING. 75cd RATING UNLESS OTHERWISE NOTED ON PLANS.
	TELECOMMUNICATIONS CONDUIT UNDERGROUND TELECOMMUNICATIONS CONDUIT	<u>₩</u>	RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE"		AUDIBLE/VISIBLE NOTIFICATION DEVICE WITH CANDELA
	UNDERGROUND TELECOMMUNICATIONS CONDOTT		POKE—THRU WITH POWER	⊠< 30	RATING. 75cd UNLESS OTHERWISE NOTED ON PLANS.
		(a)	POKE-THRU WITH TELECOMMUNICATIONS		HORN
	FLUORESCENT LIGHT FIXTURE	⊕ △	POKE-THRU W/POWER AND TELECOM	75	CEILING—MOUNTED STROBE LIGHT WITH CANDELA RATING. MINIMUM OF 75cd RATING.
	FLUORESCENT STRIP FIXTURE	<u>16</u>	·	30	CEILING-MOUNTED COMBINATION HORN/STROBE WITH
	SURFACE/RECESSED LIGHT FIXTURE	[76]	SINGLE GANG FLOOR BOX (2, 3, 4 GANG SIMILAR)		CANDELA RATING. MIN. OF 75cd RATING.
	WALL-MOUNTED LIGHT FIXTURE		DIVIDED POWER POLE		CEILING-MOUNTED HORN
\supset	POLE-MOUNTED LIGHT FIXTURE	©	CLOCK RECEPTACLE		CEILING-MOUNTED SPEAKER
	EXIT LIGHT		PLUG MOLD / WIRE MOLD AS SPECIFIED	R	RELAY
	BATTERY-OPERATED EMERGENCY LIGHT (WALL MTD)	<i>(</i>)	JUNCTION BOX	FACP	FIRE ALARM CONTROL PANEL
	BATTERY-OPERATED EMERGENCY LIGHT (CEILING MTD)	ĘŒ	THERMOSTAT - ELECTRIC	FAAP	FIRE ALARM ANNUNCIATOR PANEL
	WALL-MOUNTED COMBINATION EXIT LIGHT/ BATTERY-OPERATED EMERGENCY LIGHT		PUSH BUTTON	FARA	REMOTE ANNUNCIATOR PANEL
	LIGHT SWITCH - SINGLE POLE	∕ ⊙∕	MOTOR	FAEC	FIRE ALARM EXTENDER CABINET
	LIGHT SWITCH - 3-WAY	TELEPHONE/DAT	<u> </u>	DH	DOOR HOLDER
	LIGHT SWITCH - 4-WAY	◁	TELEPHONE OUTLET (SINGLE-GANG BOX WITH (1) 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING)	D _{120V}	SINGLE / MULTI-STATION 120V SMOKE ALARM
	LIGHT SWITCH – KEY	ightharpoons	LINE THRU DEVICE INDICATES ABOVE COUNTER	ZAM	ZONE ADDRESSABLE MODULE
	LIGHT SWITCH — DIMMER	◄	DATA OUTLET (DOUBLE-GANG BOX WITH (2) 3/4"	IAM	INDIVIDUAL ADDRESSABLE MODULE
	LIGHT SWITCH — PILOT LIGHT	•	CONDUITS TO ABOVE ACCESSIBLE CEILING) TELEPHONE/DATA OUTLET (DOUBLE-GANG BOX WITH	HFSS	KITCHEN HOOD FIRE SUPPRESSION SYSTEM PANEL
	LIGHT SWITCH - 2 POLE	◀	(2) 3/4" CONDUITS TO ABOVE ACCESSIBLE CLG.)	H	KITCHEN HOOD REMOTE PULL STATION
	LIGHT SWITCH — 3—WAY DIMMER	< 1V	PHONE OUTLET WITH NUMBER OF PHONE JACKS AS INDICATED — SEE DETAILS FOR ADD'L INFO.	ARA	AREA OF RESCUE ASSISTANCE STATION
	WALL-MOUNTED MOTION SWITCH	■ 1D	DATA OUTLET WITH NUMBER OF PHONE JACKS AS	ARAM	AREA OF RESCUE ASSISTANCE MASTER STATION
	CEILING-MOUNTED MOTION SWITCH	16	INDICATED — SEE DETAILS FOR ADD'L INFO.	OF OUR DITY	
	SWITCHBANK — REFER TO DETAILS	◀ 1D/1V	PHONE/DATA OUTLET WITH NUMBER OF PHONE/DATA JACKS AS INDICATED — SEE DETAILS FOR ADD'L INFO.	SECURITY	FIVED CAMEDA
	DIMMER BOARD	⊢Ŵ	WALL-MOUNTED WIRELESS INTERNET TRANSMITTER		FIXED CAMERA
	REMOTE CONTROL SWITCH AS SCHEDULED	⟨₩⟩	CEILING-MOUNTED WIRELESS INTERNET TRANSMITTER	PTZ	PAN/TILT/ZOOM CAMERA
	TIMECLOCK - REFER TO PLANS / DETAILS	_		PROX	PROXIMITY TYPE CARD READER
		AUDIO/VISUAL	TELEVISION OUTLET (SINGLE GANG BOX WITH (1)	CARD	SWIPE CARD READER
	DISCONNECT SWITCH. RE: PLANS FOR INFORMATION.	(1)	3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING)	BG	BREAK GLASS DETECTOR
	MAGNETIC MOTOR STARTER	$^{\sim}$	REVERSE TELEVISION OUTLET — CABLE TO HEAD END	ES	ELECTRIC STRIKE
	COMBINATION DISCONNECT SWITCH / MOTOR STARTER	TDC	TEACHER'S DESK CONNECTIONS — RE: DETAILS	MD	SECURITY MOTION DETECTOR
	TOGGLE-TYPE DISCONNECT. FURNISH WITH THERMAL	HS	WALL SPEAKER	KP	KEYPAD / MAG LOCK
	MOTOR PROTECTION WHERE SERVING FANS/PUMPS.	<u>(S)</u>	CEILING SPEAKER	В	BUTTON / MAG LOCK
	SURFACE PANELBOARD	HSIA	WALL SPEAKER - HORN TYPE		

CEILING SPEAKER — HORN TYPE

CEILING SPEAKER — SUBWOOFER

VOLUME CONTROL

INTERCOM CALL STATION INTERCOM HANDSET

SOUND SYSTEM AUDIO JACK

INTERCOM MASTER STATION

REMOTE MICROPHONE CONTROL PUBLIC ADDRESS SYSTEM AMPLIFIER

CEILING SPEAKER — SOUND SYSTEM

FIRE ALARM

MANUAL PULL STATION CEILING SMOKE DETECTOR

FIRE SEALING NOTES

- 1. COORDINATE CONSTRUCTION OF OPENINGS AND PENETRATING ITEMS TO ENSURE THAT THROUGH-PENETRATION FIRESTOP SYSTEMS ARE INSTALLED ACCORDING TO SPECIFIED AND APPLICABLE UL REQUIREMENTS.
- 2. COORDINATE SIZING OF SLEEVES, OPENINGS, CORE-DRILLED HOLES, OR CUT OPENINGS TO ACCOMMODATE THROUGH-PENETRATION FIRESTOP SYSTEMS.
- 3. DO NOT COVER UP THROUGH-PENETRATION FIRESTOP SYSTEM INSTALLATIONS UNTIL EXAMINED BY NSPECTOR, IF REQUIRED BY AUTHORITIES HAVING JURISDICTION. 4. COMPATIBILITY: PROVIDE THROUGH—PENETRATION FIRESTOP SYSTEMS THAT ARE COMPATIBLE WITH ONE ANOTHER; WITH THE SUBSTRATES FORMING OPENINGS; AND WITH THE ITEMS, IF ANY, PENETRATING THROUGH-PENETRATION FIRESTOP SYSTEMS, UNDER CONDITIONS OF SERVICE AND APPLICATION. AS DEMONSTRATED E
- THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE. 5. PROVIDE COMPONENTS FOR EACH THROUGH—PENETRATION FIRESTOP SYSTEM THAT ARE NEEDED TO INSTALL FILL MATERIALS. USE ONLY COMPONENTS SPECIFIED BY THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER AND APPROVED BY QUALIFIED TESTING AND
- INSPECTING AGENCY FOR FIRESTOP SYSTEMS INDICATED. 6. PROVIDE SLEEVES THROUGH ALL FIRE_RATED WALLS AND FILL VOIDS SURROUNDING SLEEVES AND INTERIOR TO SLEEVES AROUND PIPING WITH FIRE STOP PUTTY WITH U.L. LISTED 3 HOUR RATING INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
- 7. FIRE SEAL ALL PIPING, CONDUIT, CABLE, ETC PENETRATIONS ROUTED THROUGH FIRE RATED WALLS. 8. PROVIDE FIRE RATED ENCLOSURES OR WRAPS ON LIGHT FIXTURES AND OTHER ITEMS PENETRATING FIRE RATED CEILINGS, FLOOR/CEILING/ CEILING/ROOF ASSEMBLIES TO MAINTAIN UL LISTING FOR CONSTRUCTION.

EDF ELECTRIC DRINKING FOUNTAIN

AB	BREVIATIONS				
A/E	ARCHITECT / ENGINEER	ELEV	ELEVATION	MLO	MAIN LUGS ONLY
ÁFF	ABOVE FINISHED FLOOR	ЕМ	EMERGENCY FIXTURE/DEVICE	NFA	NET FREE AREA
AFG	ABOVE FINISHED GRADE	EWT	ENTERING WATER TEMPERATURE	NL	NIGHT LIGHT
AG	ABOVE GRADE	ΕX	EXISTING ITEM	OA	OUTSIDE AIR
AHJ	AUTHORITY HAVING JURISDICTION	FFA	FROM FLOOR ABOVE	ORD	OVERFLOW ROOF DRAIN
AHU	AIR HANDLING UNIT	FFB	FROM FLOOR BELOW	P/C	PLUMBING CONTRACTOR
ARCH	ARCHITECT	FFC0	FINISHED FLOOR CLEAN OUT	PSI	POUNDS PER SQUARE INCH
BFP	BACKFLOW PREVENTER	FGC0	FLUSH GRADE CLEAN OUT	PVC	POLYVINYLCHLORIDE
BG	BELOW GRADE	FL	FLOW LINE	RA	RETURN AIR
BLDG	BUILDING	FLR	FLOOR	RE/REF	REFER / REFERENCE
BMS	BUILDING MANAGEMENT SYSTEM	FP	FIRE PROTECTION	RF	RELIEF FAN
С	CONDUIT	FPM	FEET PER MINUTE	RL	RELOCATED ITEM
CD	CANDELA	<i>FWCO</i>	FLUSH WALL CLEAN OUT	RPZ	REDUCED PRESSURE ZONE
CD	COLD DECK	G	GROUND / GANG	RR	RESTROOM
CLG	COOLING	G/C	GENERAL CONTRACTOR	SA	SUPPLY AIR
СМ	COORDINATE MOUNTING HEIGHT	ĠFCI	GROUND FAULT CIRCUIT INTERUPTER	SPD	SURGE PROTECTIVE DEVICE
CO	CLEAN OUT	GPM	GALLONS PER MINUTE	ST	SHUNT TRIP
CTE	CONNECT TO EXISTING	HD	HOT DECK	TA	TRANSFER AIR
DCVA	DOUBLE CHECK VALVE ASSEMBLY	HTG	HEATING	TFA	TO FLOOR ABOVE
DCW	DOMESTIC COLD WATER	IG	ISOLATED GROUND	TFB	TO FLOOR BELOW
DDC	DIRECT DIGITAL CONTROLS	JB	JUNCTION BOX	TP	TAMPERPROOF
DF	DRINKING FOUNTAIN	LED	LIGHT EMITTING DIODE	TYP	TYPICAL
DHW	DOMESTIC HOT WATER	LWT	LEAVING WATER TEMPERATURE	UNO	UNLESS NOTED OTHERWISE
DHWR	DOMESTIC HOT WATER RETURN	M/C	MECHANICAL CONTRACTOR	VRF	VARIABLE REFRIGERANT FLOW
DIA	DIAMETER	MA	MIXED AIR	VTR	VENT THROUGH ROOF
DN	DOWN	MAU	MAKE UP AIR UNIT	WCO	WALL CLEANOUT
E/C	ELECTRICAL CONTRACTOR	MCB	MAIN CIRCUIT BREAKER	WG	WIRE GUARD
EA	EXHAUST AIR	MECH	MECHANICAL	WP	WEATHERPROOF

MH MANHOLE

GEN. MECHANICAL NOTES

- 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERISION OF THE INTERNATIONAL MECHANICAL CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ. 2. ANY POWER FOR CONTROL SYSTEMS TO BE PROVIDED BY E/C IS INDICATED ON ELECTRICAL PLANS. ANY ADDITIONAL LINE VOLTAGE OR LOW VOLTAGE POWER REQUIRED BY THE M/C OR SUBCONTRACTORS TO HAVE A FULLY FUNCTIONING SYSTEM SHALL BE PROVIDED BY THE M/C CONTRACTOR OR SUBS. 3. ALL EQUIPMENT SHALL BE ADEQUATELY AND PROPERLY SUPPORTED
- AND FASTENED FROM STRUCTURE. 4. ALL EQUIPMENT AND ACCESSORIES INSTALLED IN CONCEALED SPACES REQUIRING ACCESS SHALL BE PROVIDED WITH ACCESS DOORS MEETING ANY FIRE REQUIREMENTS OF THE WALL/CEILING THEY ARE 5. EACH AIR HANDLING UNIT OVER 2000CFM SHALL BE PROVIDED WITH A SMOKE DETECTOR TO SHUT DOWN THE UNIT PER IMC 606 AS REQUIRED BY AHJ. COORDINATE WITH OTHER TRADES. 6. START UP AND ADJUST ALL EQUIPMENT AND VERIFY ALL MECHANICAL SYSTEMS IN OPERATE IN ACCORDANCE WITH THEIR INTENDED PURPOSES. SUBMIT BALANCE AND START UP REPORTS TO THE A/E. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL REQUIREMENTS.

GENERAL PLUMBING NOTES

- 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERISION OF THE INTERNATIONAL PLUMBING CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ. 2. NO PIPING SHALL BE INSTALLED WHERE IT WILL SUBJECT FREEZING TEMPERATURES. PIPING IN EXTERIOR WALLS SHALL I INSTALLED ON THE WARM SIDE OF BUILDING INSULATION, INSULATED AND THE CHASE SHALL BE VENTILATED WITH GRILLES ALLOWING INDOOR AMBIENT CONDITIONS TO CIRCULATE THROUGH THE CHASE. 3. PROVIDE CLEANOUTS IN THE FOLLOWING LOCATIONS:
- 3.1. IN ALL HORIZONTAL DRAINS (WITHIN THE BUILDING) NOT MORE THAN 100 FEET APART. 3.2. IN BUILDING SEWERS LOCATED NO MORE THAN 100 FEET APART MEASURED FROM THE UPSTREAM ENTRANCE OF THE CLEANOUT. 3.3. EACH CHANGE OF DIRECTION OF THE BUILDING DRAIN OF HORIZONTAL WASTE OR SOIL LINES GREATER THAN 45 DEGREES.WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A RUN OF PIPING. ONLY ONE CLEANOUT SHALL BE REQUIRED FOR EACH 40 FEET OF DEVELOPED LENGTH OF THE DRAINAGE
- 3.4. AT THE BASE OF EACH WASTE OR SOIL STACK. 3.5. NEAR THE JUNCTION OF THE BUILDING DRAIN AND BUILDING

GENERAL ELECTRICAL NOTES

1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ. 2. COORDINATE LOCATIONS OF RECEPTACLES, SWITCHES, ETC. WITH ARCHITECTURAL CASEWORK AND ELEVATIONS. 3. REFER TO MOUNTING HEIGHTS DETAIL FOR MOUNTING HEIGHTS OF ALL DEVICES NOT INDICATED OTHERWISE. 4. PROVIDE ALL EMPTY CONDUITS WITH PULL STRINGS AND BUSHED

5. CONTRACTOR SHALL CONCEAL ALL CONDUIT, FITTINGS, AND DEVICES

FROM VIEW WHERE REASONABLY POSSIBLE.

COORDINATION NOTES

- 1. COORDINATE REQUIREMENTS FOR INSTALLATION OF SYSTEMS AND EQUIPMENT WITH ALL OTHER TRADES. 2. THE CONTRACTOR SHALL COORDINATE THE ROUTING AND PATH OF ALL SYSTEMS, CONDUITS, PIPES, DUCTS, ETC WITH THE POSITION AND LAYOUT OF THE STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY OFFSETS, TURNS, RISES AND DROPS FOR SYSTEMS AND COMPONENTS AS NEEDED TO INSTALL THE MEP SYSTEMS TO CLEAR STRUCTURE, CEILINGS, ETC AND OTHER SYSTEMS
- IN POTENTIAL CONFLICT WITH ROUTING. 3. COORDINATE WORK WITH OTHER TRADES TO INSTALL SYSTEMS ABOVE CEILING HEIGHTS INDICATED ON ARCHITECTURAL PLANS. 4. CHECK SPACE REQUIREMENTS WITH OTHER TRADES AND STRUCTURE/CONSTRUCTION TO INSURE THAT ALL MATERIALS AND EQUIPMENT CAN BE INSTALLED IN THE SPACE ALLOTTED INCLUDING FINISHED SUSPENDED CEILINGS AND OTHER SPACES, CHASES, ETC WITHIN THE BUILDING. MAKE MODIFICATIONS THERETO AS REQUIRED AND APPROVED.
- . TRANSMIT TO OTHER TRADES ALL INFORMATION REQUIRED FOR WORK TO BE PROVIDED UNDER THEIR RESPECTIVE SECTIONS IN AMPLE TIME FOR INSTALLATION. 6. WHEREVER WORK INTERCONNECTS WITH WORK OF OTHER TRADES, COORDINATE WITH THOSE TRADES TO INSURE THAT ALL SUBCONTRACTORS HAVE THE INFORMATION NECESSARY SO THAT THEY MAY PROPERLY INSTALL ALL CONNECTIONS AND EQUIPMENT IDENTIFY ALL ITEMS OF WORK THAT REQUIRE ACCESS SO THAT THE CEILING TRADE WILL KNOW WHERE TO INSTALL ACCESS DOORS AND
- . COORDINATE, PROJECT AND SCHEDULE WORK WITH OTHER TRADES IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE. 8. DRAWINGS SHOW THE GENERAL RUNS OF CONDUITS, PIPING AND DUCTWORK AND APPROXIMATE LOCATION OF OUTLETS. ANY SIGNIFICANT CHANGES IN LOCATION OF ITEMS NECESSARY IN ORDER TO MEET FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER AND RECEIVE HIS APPROVAL BEFORE SUCH ALTERATIONS ARE MADE. ALL SUCH MODIFICATIONS SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER. 9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND REPAIR OF SURFACES, AREAS AND PROPERTY THAT MAY BE DAMAGED AS A
- RESULT OF CONSTRUCTION ACTIVITIES. 10. ADJUST LOCATION OF PIPING, DUCTWORK, ETC. TO PREVENT INTERFERENCES, BOTH ANTICIPATED AND ENCOUNTERED. DETERMINE THE EXACT ROUTE AND LOCATION OF EACH ITEM PRIOR TO FABRICATION. MAKE OFFSETS, TRANSITIONS AND CHANGES IN DIRECTION IN SYSTEMS AS REQUIRED TO MAINTAIN ADEQUATE CLEARANCES AND HEADROOM. 11. WHEREVER THE WORK IS OF SUFFICIENT COMPLEXITY, PREPARE ADDITIONAL COORDINATION DRAWINGS AND ORGANIZE ON-SITE MEETINGS WITH ALL RELATED SUBCONTRACOTRS TO COORDINATE THE
- WORK BETWEEN TRADES . DRAWINGS SHALL CLEARLY SHOW THE WORK AND ITS RELATION TO THE WORK OF OTHER TRADES, AND BE SUBMITTED FOR REVIEW PRIOR TO COMMENCING SHOP FABRICATION OR ERECTION IN THE FIELD. 12. COORDINATE WITH LOCAL UTILITY PROVIDERS FOR THEIR REQUIREMENTS FOR SERVICE CONNECTIONS AND PROVIDE ALL NECESSARY PAYMENTS, MATERIALS, LABOR AND TESTING TO ACCOMPLISH THE WORK.

GENERAL NOTES

1. SOME ROOM NAMES MAY NOT BE SHOWN FOR PURPOSE OF CLARIFYING PLAN. REFER TO ARCHITECTURAL PLANS FOR REFERENCE TO ROOM NAMES NOT SHOWN. 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN AND KEEP AT THE JOB SITE, AN UP TO DATE SET OF "RECORD DRAWINGS" SHOWING ALL CHANGES FROM THE ORIGINAL PLANS. THE CONTRACTOR SHALL DELIVER THE "RECORD DRAWINGS" TO THE ENGINEER AT THE CONCLUSION OF THE PROJECT FLECTRONICALLY. 3. THESE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS (NEW AND EXISTING), DIMENSIONS, AND CLEARANCES PRIOR TO THE COMMENCEMENT OF WORK AND SHALL INCLUDE ALL COSTS, EQUIPMENT, MATERIAL, ACCESSORIES, ETC. REQUIRED FOR A FULLY COMPLETE, FUNCTIONAL AND CODE COMPLIANT INSTALLATION. 4. FINAL LOCATIONS OF ALL DEVICES, LIGHT FIXTURES, EQUIPMENT ETC SHALL BE INDICATED ON THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONAL INFORMATION SHALL BE OBTAINED FROM ARCHITECTURAL PLANS. NO DIMENSIONAL INFORMATION SHALL BE OBTAINED FROM MEP DRAWINGS. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, APPROVALS, LICENSES, ETC. AS NEEDED FOR THE COMPLETE INSTALLATION AND PROJECT. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ALL FEES AND DATA

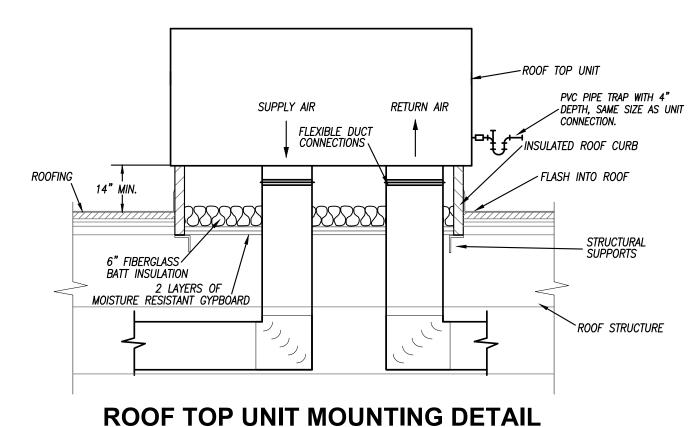
GEN. RENOVATION NOTES

NEEDED FOR THIS.

- . DISCONNECT AND REMOVE ANY EQUIPMENT, PIPING OR DUCTWORK THAT WAS INSTALLED AS PART OF THE BUILDING SHELL THAT IS NOT NEEDED OR CONFLICTS WITH THIS BUILD OUT. 2. EXISTING UNDERGROUND PIPING LOCATIONS ARE ESTIMATED BASED UPON ANTICIPATED ROUTINGS. FIELD VERIFY EXACT LOCATIONS DURING CONSTRUCTION AND PROVIDE ALL NECESSARY MODIFICATIONS. S. SAWCUT GRADE FLOOR SLABS TO INSTALL NEW PIPING, MECHANICAL SYSTEMS, ELECTRICAL FLOOR BOXES AND ALL ASSOCIATED CONDUIT, ETC. PATCH FLOOR TO MAKE LIKE NEW AFTER INSTALLATION. TAKE CARE TO LOCATE EXISTING CONDUIT, ETC AND AVOID CUTTING EXISTING CONDUITS BY NOT OVERCUTTING SLAB DEPTH. 4. SAWCUT AND CORE DRILL OPENINGS AS REQUIRED FOR ABOVE GRADE SLAB PENETRATIONS. XRAY SLABS TO ASCERTAIN STEEL AND EXISTING CONDUIT PENETRATIONS PRIOR TO CUTTING. OPENINGS WITH STRUCTURAL ENGINEER PRIOR TO CUTTING. HOMERUN CIRCUITS TO 20 AMP, SINGLE POLE BREAKERS IN PANELBOARDS INDICATED. UTILIIZE SPARE BREAKERS MADE AVAILABLE BY DEMOLITION, IF NO SPARE BREAKER IS AVAILABLE, PROVIDE NEW BREAKER.
- . EXISTING CIRCUITING MAY BE RE-USED WHERE POSSIBLE. CONCEAL NEW CIRCUITING IN WALLS WHERE POSSIBLE. FOR NEW DEVICES INSTALLED ON EXISTING SOLID WALLS, CONCEAL CIRCUITING IN WIREMOLD. COORDINATE FINISH AND GENERAL ROUTING OF WIREMOLD WITH ARCHITECT TO BE AS CONCEALLED AND/OR ROUTED IN A NEAT AND ORGANIZED CONSISTENT MANNER.

CONDENSING INTAKE TERMINATION PROVIDE PIPING REFRIGERANT LIQUID & SUCTION PIPING DX EVAPORATOR FURNACE PROVIDE 2" ANGLED, PLEATED, MERV 13 UNION ' - FILTERS SIZED FOR 500 FEET PER MINUTE VELOCITY MAXIMUM ACCESS DOOR WITH 3/4" NEOPRENE - CONTINUOUS HINGE AND CAM LATCHES

FURNACE AND CONDENSING UNIT DETAIL



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© PEARSON KENT MCKINLEY	Y RAAF ENGINEERS, LLC		
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SHEET TITLE:			
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9/29/2022

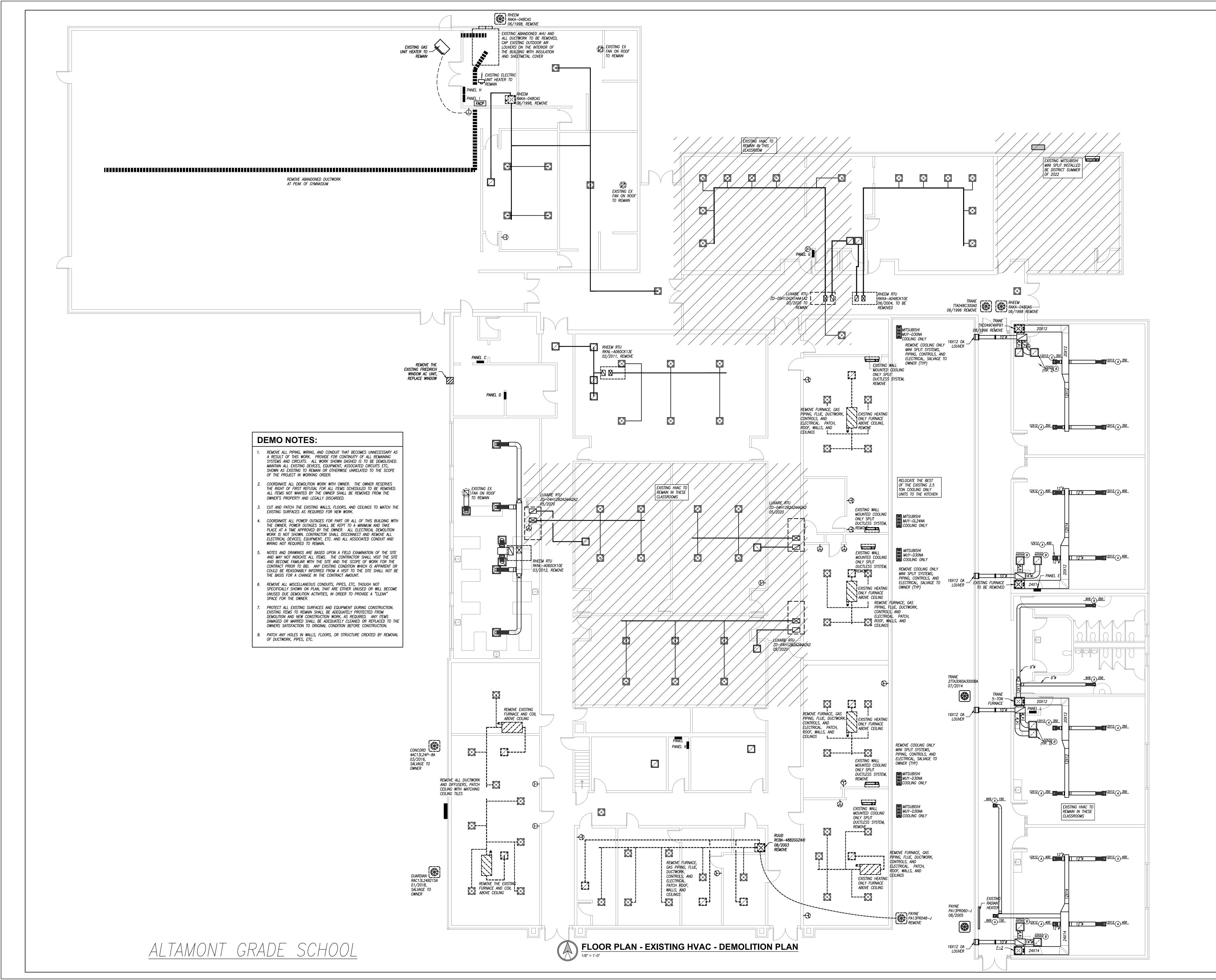
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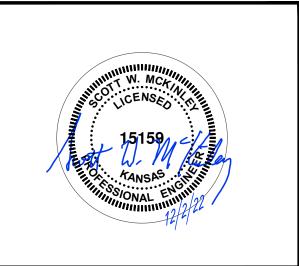
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2933 SW WOODSIDE DR., STE 104 TOPEKA, KS 66614

MONT (705)







USD 506 LABETTE CO SCHOOL HVAC UPGRADES

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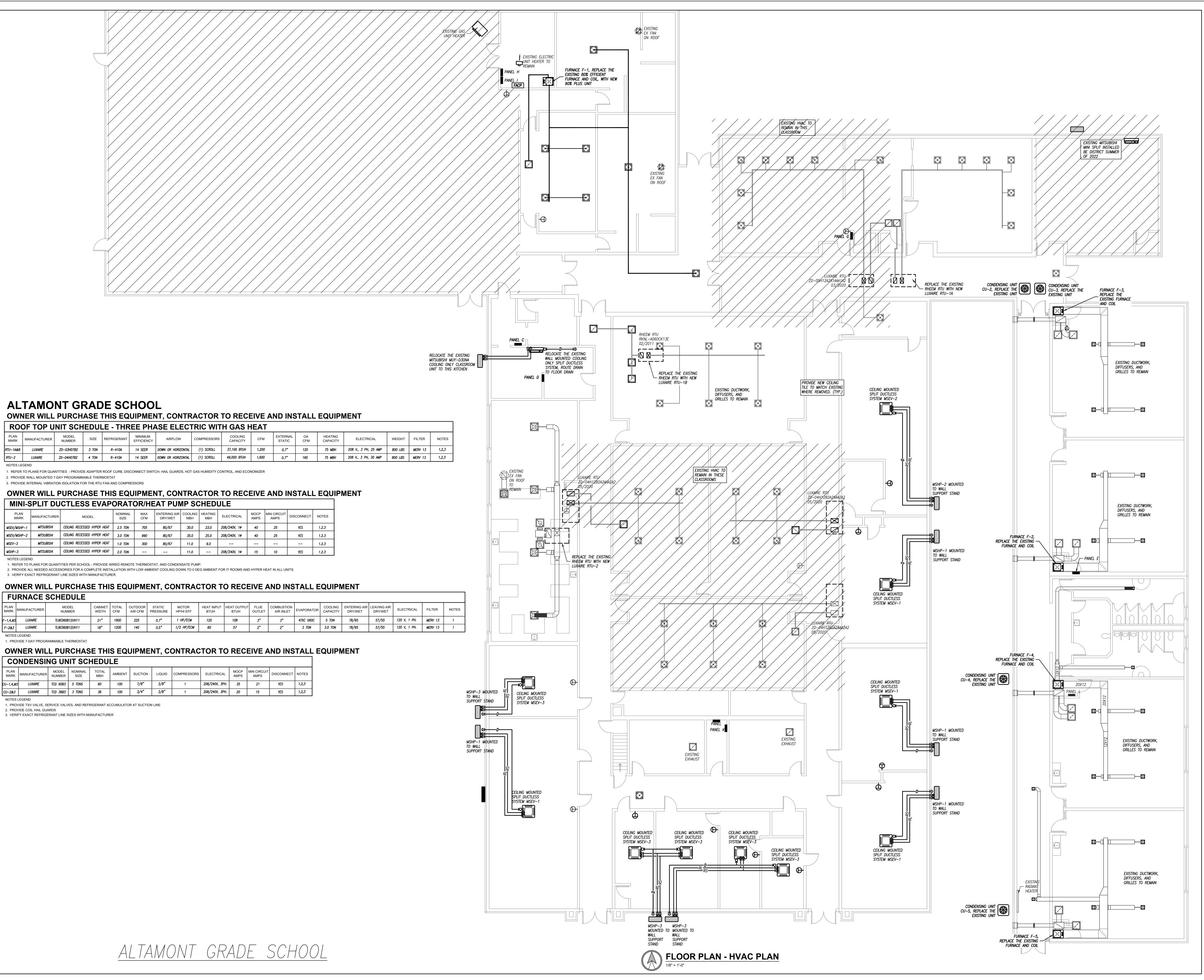
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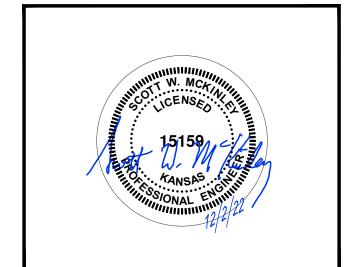
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PKMR PROJECT:
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SD 506 LABETTE CO SCHOOLS HVAC UPGRADES

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DESCRIPTION DATE

DESCRIPTION DATE

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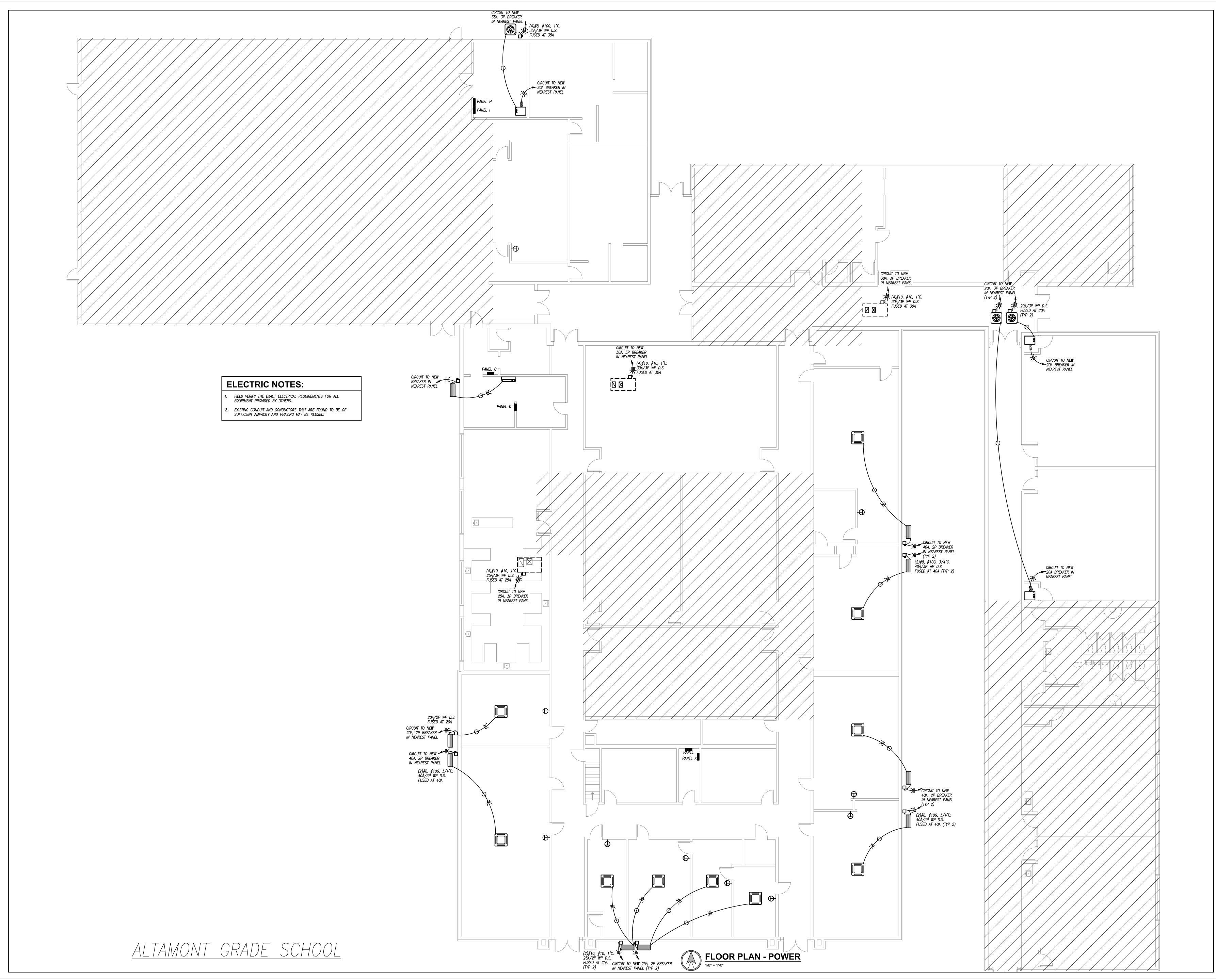
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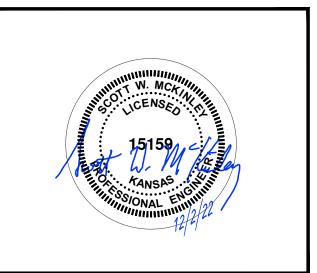
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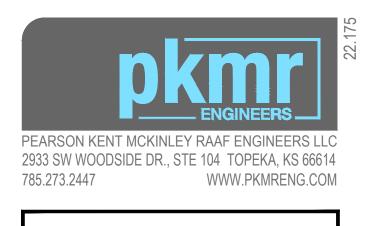
HVAC
PLAN

9/29/2022

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506 LABETTE CO SC HVAC UPGRADES LTAMONT GRADE SCHOO 705 6TH ST. ALTAMONT, KS 67330

USD

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