DUPLEX RECEPTACLE.

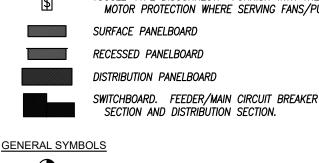
LINE THRU DEVICE INDICATES ABOVE COUNTER

LLLCIN	MOAL STINDOL LEGEN	•
SOME SYMBOLS AN	D ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED	
CIRCUITING		POWER DEVIC
	HOME RUN (2#12 1#12G UNO)	\Leftrightarrow
**	INDICATES 2 PHASE, 1 N, & 1 GRD CONDUCTOR	
	HOME RUN: INDICATES SHARED CIRCUIT	O GFI
	HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY	Gri

UGE	UNDERGROUND ELECTRICAL
—— ОНЕ ——	OVERHEAD ELECTRICAL
—— TELE ——	TELECOMMUNICATIONS CONDUIT
UGT	UNDERGROUND TELECOMMUNICATIONS CONDUIT
LIGHTING	
•	FLUORESCENT LIGHT FIXTURE
•	FLUORESCENT STRIP FIXTURE
•	SURFACE/RECESSED LIGHT FIXTURE
⊞ Ю	WALL-MOUNTED LIGHT FIXTURE
ᠳ ⊷	POLE-MOUNTED LIGHT FIXTURE
\bowtie	EXIT LIGHT
4	BATTERY-OPERATED EMERGENCY LIGHT (WALL MTD)
Þ □4	BATTERY-OPERATED EMERGENCY LIGHT (CEILING MTD)
₩	WALL-MOUNTED COMBINATION EXIT LIGHT/ BATTERY-OPERATED FMERGENCY LIGHT
\$	LIGHT SWITCH - SINGLE POLE
\$ ₃	LIGHT SWITCH - 3-WAY
\$4	LIGHT SWITCH - 4-WAY
φ.	LICHT CWITCH KEY

	WALL-MOUNTED COMBINATION EXIT LIGHT/ BATTERY-OPERATED EMERGENCY LIGHT
\$	LIGHT SWITCH - SINGLE POLE
\$ ₃	LIGHT SWITCH - 3-WAY
\$ ₄	LIGHT SWITCH - 4-WAY
$\$_{\kappa}$	LIGHT SWITCH - KEY
$\$_D$	LIGHT SWITCH - DIMMER
$\$_{PL}$	LIGHT SWITCH - PILOT LIGHT
\$ _{2P}	LIGHT SWITCH - 2 POLE
$\$_3^D$	LIGHT SWITCH - 3-WAY DIMMER
\$ _M	WALL-MOUNTED MOTION SWITCH
$\langle M \rangle$	CEILING-MOUNTED MOTION SWITCH

SB	SWITCHBANK - REFER TO DETAILS
FD1	DIMMER BOARD
RCS-1	REMOTE CONTROL SWITCH AS SCHEDULED
TC	TIMECLOCK - REFER TO PLANS / DETAILS
QUIPMENT	
마	DISCONNECT SWITCH. RE: PLANS FOR INFORMATION.
	MAGNETIC MOTOR STARTER
\boxtimes	COMBINATION DISCONNECT SWITCH / MOTOR STARTER
\$	TOGGLE-TYPE DISCONNECT. FURNISH WITH THERMAL MOTOR PROTECTION WHERE SERVING FANS/PUMPS.
	SURFACE PANELBOARD
	RECESSED PANELBOARD



INDICATES ELEVATION

	Ψ			
	G GFI	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.)	$\langle D \rangle$	DUCT SMOKE DETECTOR
TIRELY	□	QUADPLEX RECEPTACLE	$\langle H \rangle$	HEAT DETECTOR
	$\Theta_{\overline{5-50R}}$	SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED	■ WF	WATERFLOW SWITCH
	= 5-50R €	MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED	■ TS	TAMPER SWITCH
	⊕ 5–50R □	CEILING MOUNTED RECEPTACLE	> 75	VISIBLE NOTIFICATION DEVICE WITH CANDELA RATI 75cd RATING UNLESS OTHERWISE NOTED ON PLA
Т		RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE"	⊠< 30	AUDIBLE/VISIBLE NOTIFICATION DEVICE WITH CAND
	•	POKE-THRU WITH POWER		RATING. 75cd UNLESS OTHERWISE NOTED ON F
		POKE-THRU WITH TELECOMMUNICATIONS		HORN CEILING-MOUNTED STROBE LIGHT WITH CANDELA
		POKE-THRU W/POWER AND TELECOM	75	RATING. MINIMUM OF 75cd RATING.
	1 <i>G</i>	SINGLE GANG FLOOR BOX (2, 3, 4 GANG SIMILAR)	30	CEILING—MOUNTED COMBINATION HORN/STROBE V CANDELA RATING. MIN. OF 75cd RATING.
		DIVIDED POWER POLE		CEILING-MOUNTED HORN
	©	CLOCK RECEPTACLE		CEILING-MOUNTED SPEAKER
		PLUG MOLD / WIRE MOLD AS SPECIFIED	R	RELAY
MTD)	\bigcirc	JUNCTION BOX	FACP	FIRE ALARM CONTROL PANEL
NG MTD)	$\vdash_{\overline{E}} (\overline{T})$	THERMOSTAT - ELECTRIC	FAAP	FIRE ALARM ANNUNCIATOR PANEL
10 11112)		PUSH BUTTON	FARA	REMOTE ANNUNCIATOR PANEL
	∕ ⊙∕	MOTOR	FAEC	FIRE ALARM EXTENDER CABINET
	TELEPHONE/DAT	r A	DH	DOOR HOLDER
	\Box	TELEPHONE OUTLET (SINGLE-GANG BOX WITH (1) 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING)	D _{120V}	SINGLE / MULTI-STATION 120V SMOKE ALARM
	4	LINE THRU DEVICE INDICATES ABOVE COUNTER	ZAM	ZONE ADDRESSABLE MODULE
	◄	DATA OUTLET (DOUBLE-GANG BOX WITH (2) 3/4" CONDUITS TO ABOVE ACCESSIBLE CEILING)	IAM	INDIVIDUAL ADDRESSABLE MODULE
	◀	TELEPHONE/DATA OUTLET (DOUBLE-GANG BOX WITH	HFSS	KITCHEN HOOD FIRE SUPPRESSION SYSTEM PANE
		(2) 3/4" CONDUITS TO ABOVE ACCESSIBLE CLG.) PHONE OUTLET WITH NUMBER OF PHONE JACKS AS	H	KITCHEN HOOD REMOTE PULL STATION
	1 V	INDICATED — SEE DETAILS FOR ADD'L INFO.	ARA	AREA OF RESCUE ASSISTANCE STATION
	◀ 1D	DATA OUTLET WITH NUMBER OF PHONE JACKS AS INDICATED — SEE DETAILS FOR ADD'L INFO.	ARAM	AREA OF RESCUE ASSISTANCE MASTER STATION
	◀ 1D/1V	PHONE/DATA OUTLET WITH NUMBER OF PHONE/DATA JACKS AS INDICATED — SEE DETAILS FOR ADD'L INFO.	SECURITY	FIVED CAMEDA
	$\vdash \widehat{w}$	WALL-MOUNTED WIRELESS INTERNET TRANSMITTER		FIXED CAMERA
	₩>	CEILING-MOUNTED WIRELESS INTERNET TRANSMITTER	PZ	PAN/TILT/ZOOM CAMERA
	AUDIO/VISUAL		PROX	PROXIMITY TYPE CARD READER
		TELEVISION OUTLET (SINGLE GANG BOX WITH (1)	[CARD]	SWIPE CARD READER
MATION.	_	3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING)	[BG]	BREAK GLASS DETECTOR
	(R)	REVERSE TELEVISION OUTLET — CABLE TO HEAD END	ES	ELECTRIC STRIKE
STARTER	[TDC]	TEACHER'S DESK CONNECTIONS — RE: DETAILS	MD CO	SECURITY MOTION DETECTOR
THERMAL /PUMPS.	⊢ ⑤	WALL SPEAKER	KP	KEYPAD / MAG LOCK
	(S)	CEILING SPEAKER	В	BUTTON / MAG LOCK
	H\$A	WALL SPEAKER — HORN TYPE		

CEILING SPEAKER - HORN TYPE

CEILING SPEAKER - SUBWOOFER

VOLUME CONTROL

INTERCOM CALL STATION

SOUND SYSTEM AUDIO JACK REMOTE MICROPHONE CONTROL PUBLIC ADDRESS SYSTEM AMPLIFIER

INTERCOM MASTER STATION

INTERCOM HANDSET

CEILING SPEAKER - SOUND SYSTEM

FIRE ALARM

MANUAL PULL STATION

CEILING SMOKE DETECTOR

VISIBLE NOTIFICATION DEVICE WITH CANDELA RATING.

75cd RATING UNLESS OTHERWISE NOTED ON PLANS.

AUDIBLE/VISIBLE NOTIFICATION DEVICE WITH CANDELA

CEILING-MOUNTED COMBINATION HORN/STROBE WITH CANDELA RATING. MIN. OF 75cd RATING.

RATING. 75cd UNLESS OTHERWISE NOTED ON PLANS

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
- 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.

AB	BREVIATIONS				
A/E	ARCHITECT / ENGINEER	ELEV	ELEVATION	MLO	MAIN LUGS ONLY
ÅFF	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	EΧ	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	FWC0	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	ΜΆ	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
EDF	ELECTRIC DRINKING FOUNTAIN	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. FACH 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
- 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

10. ADJUST LOCATION OF PIPING, DUCTWORK, ETC. TO PREVENT

RESULT OF CONSTRUCTION ACTIVITIES.

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

GEN. RENOVATION NOTES

NEEDED FOR THIS.

COORDINATE WITH THE OWNER FOR ALL FEES AND DATA

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.

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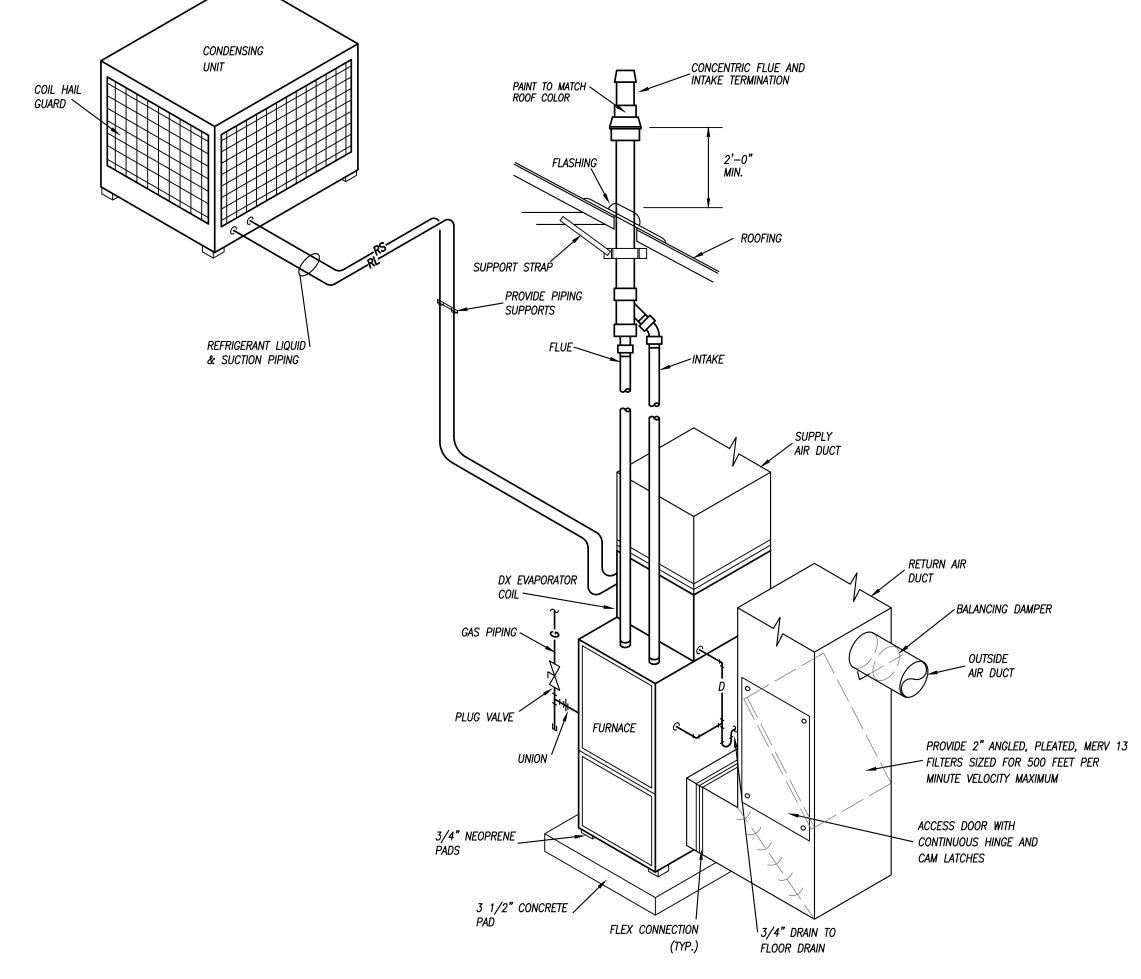
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785.273.2447

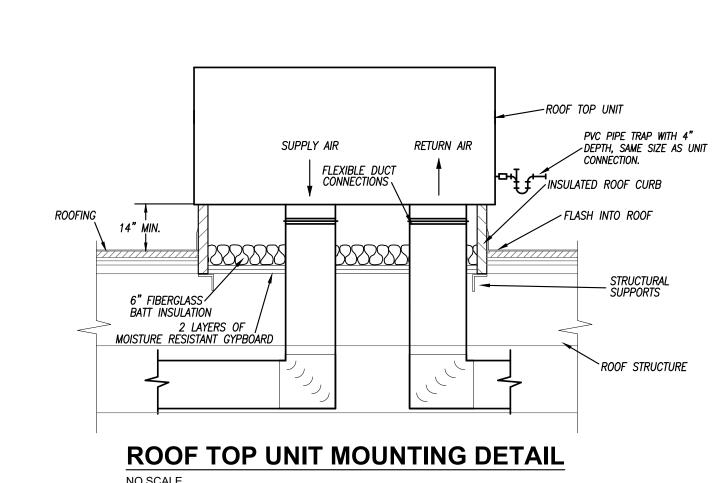
2933 SW WOODSIDE DR., STE 104 TOPEKA, KS 66614

WWW.PKMRENG.COM

GRA 000 KS



FURNACE AND CONDENSING UNIT DETAIL NO SCALE



HVAC SYMBOLS & DETAILS 12/2/22 22.175

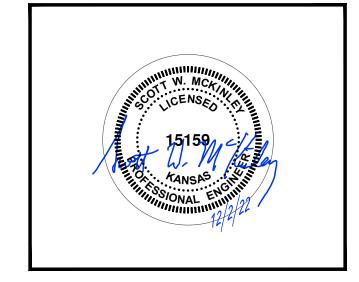
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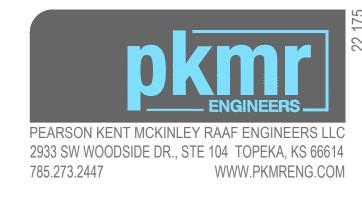
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DESCRIPTION

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MEADOW VIEW SCHOOL





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VIEW GRADE (1377 21000 RD RSONS, KS 673

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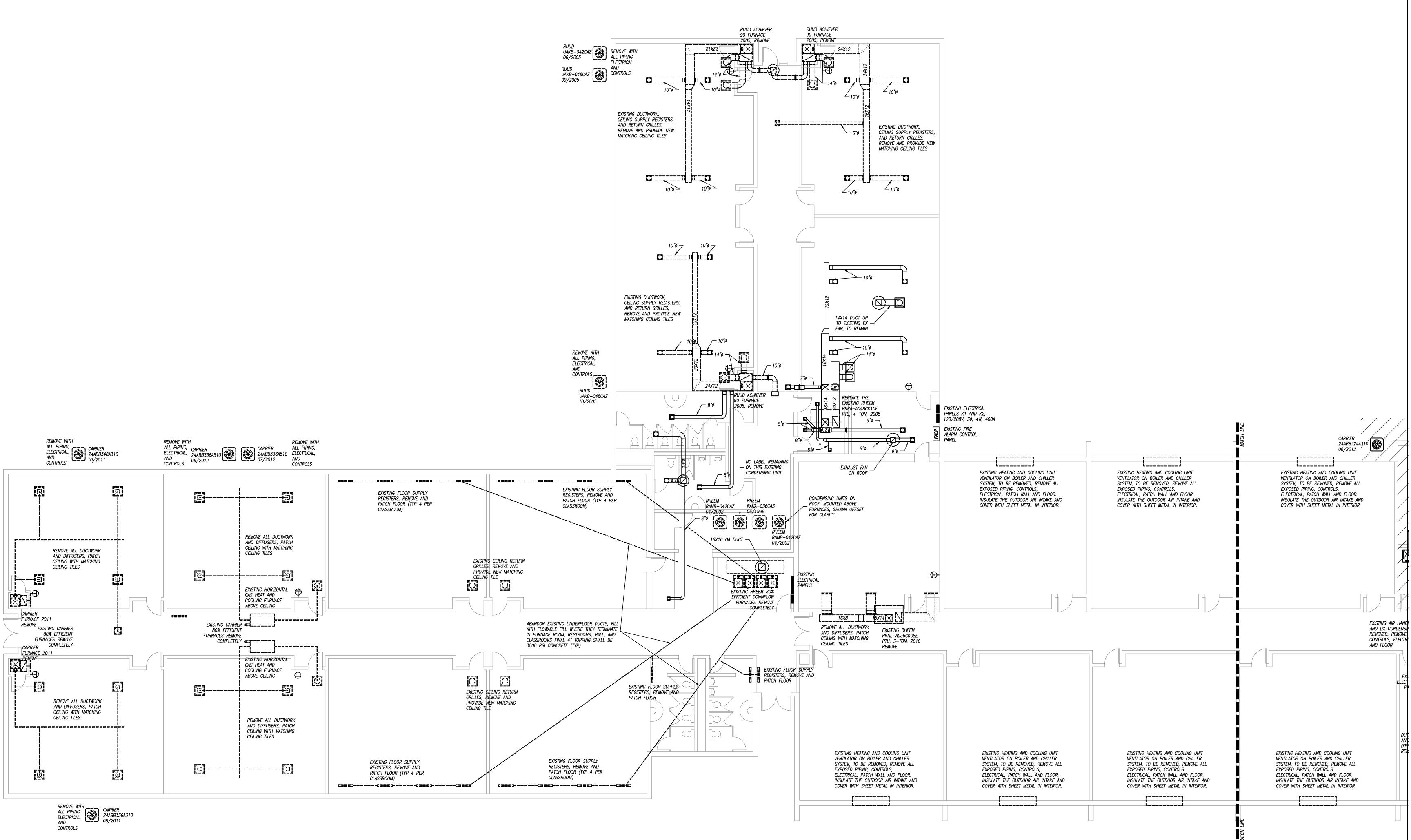


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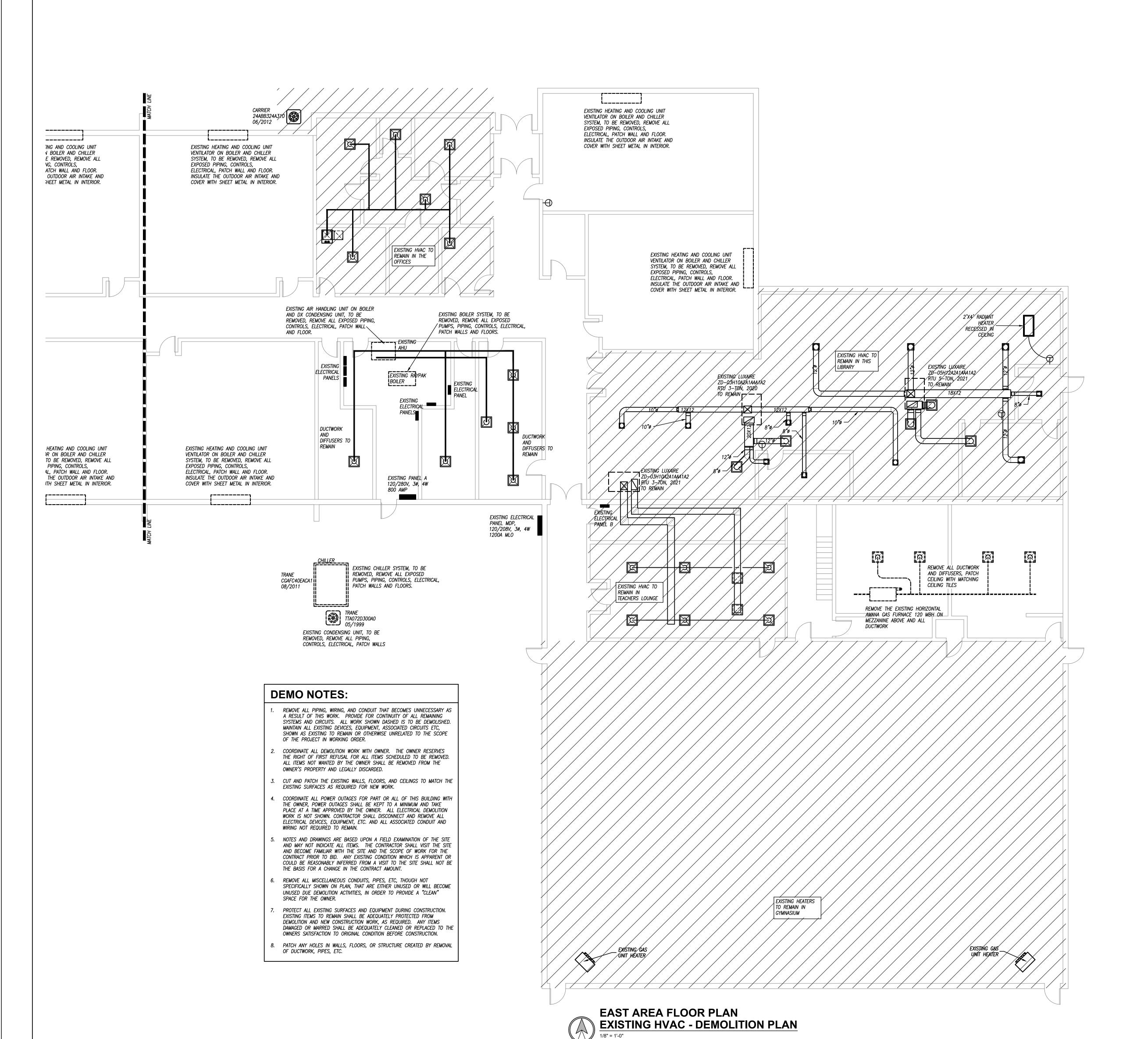
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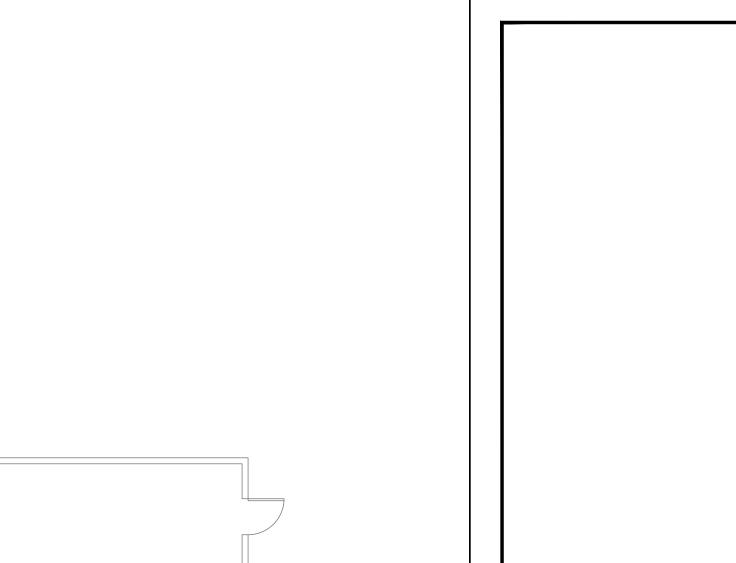
MEADOW VIEW SCHOOL

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WEST AREA FLOOR PLAN
EXISTING HVAC - DEMOLITION PLAN





PEARSON KENT MCKINLEY RAAF ENGINEERS LLC 2933 SW WOODSIDE DR., STE 104 TOPEKA, KS 66614

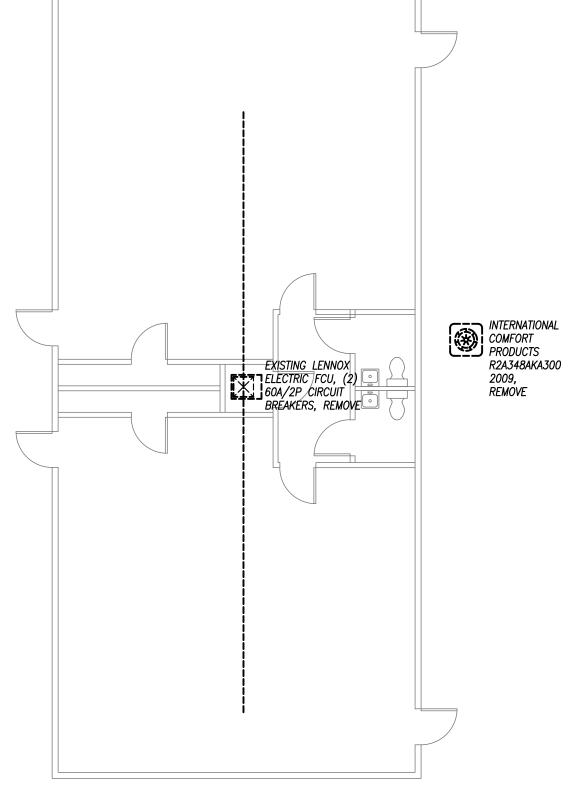
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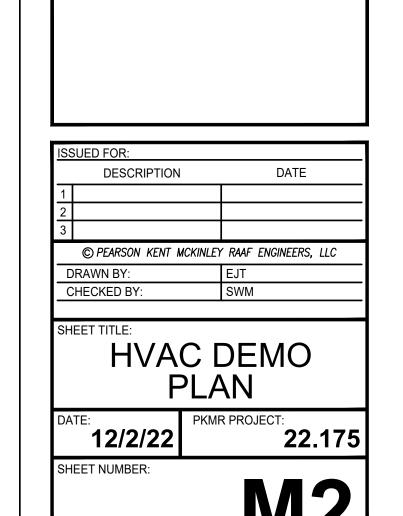
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MEADOW VIEW SCHOOL

MEADOW VIEW GRADE SCHOOL

OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND INSTALL EQUIPMENT

OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND INSTALL EQUIPMENT

мвн мвн

MAX ENTERING AIR COOLING HEATING

RO	OF TOP L	JNIT SCH	HEDU	LE - THE	REE PH	ASE ELEC	TRIC WIT	H GAS I	HEAT							
PLAN MARK	MANUFACTURER	MODEL NUMBER	SIZE	REFRIGERANT	MINIMUM EFFICIENCY	AIRFLOW	COMPRESSORS	COOLING CAPACITY	CFM	EXTERNAL STATIC	OA CFM	HEATING CAPACITY	ELECTRICAL	WEIGHT	FILTER	NOTES
RTU-1	LUXAIRE	ZD-05H10B2	5 TON	R-410A	14 SEER	DOWN OR HORIZONTAL	(1) SCROLL	60,100 BTUH	2,000	1.0"	200	100 MBH	208 V., 3 PH, 35 AMP	800 LBS	MERV 13	1,2,3

MOCP MIN CIRCUIT AMPS AMPS

DISCONNECT NOTES

NOTES LEGEND

PLAN MARK

MANUFACTURER

- 1. PROVIDE ROOF ADAPTER CURB, DISCONNECT SWITCH, HAIL GUARDS, HOT GAS HUMIDITY CONTROL, AND ECONOMIZER
- 2. PROVIDE WALL MOUNTED 7-DAY PROGRAMMABLE THERMOSTAT
- 3. PROVIDE INTERNAL VIBRATION ISOLATION FOR THE RTU FAN AND COMPRESSORS

MINI-SPLIT DUCTLESS EVAPORATOR/HEAT PUMP SCHEDULE

OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND INSTALL EQUIPMENT

FUDNIAGE COUEDINE

MEADOW VIEW GRADE SCHOOL

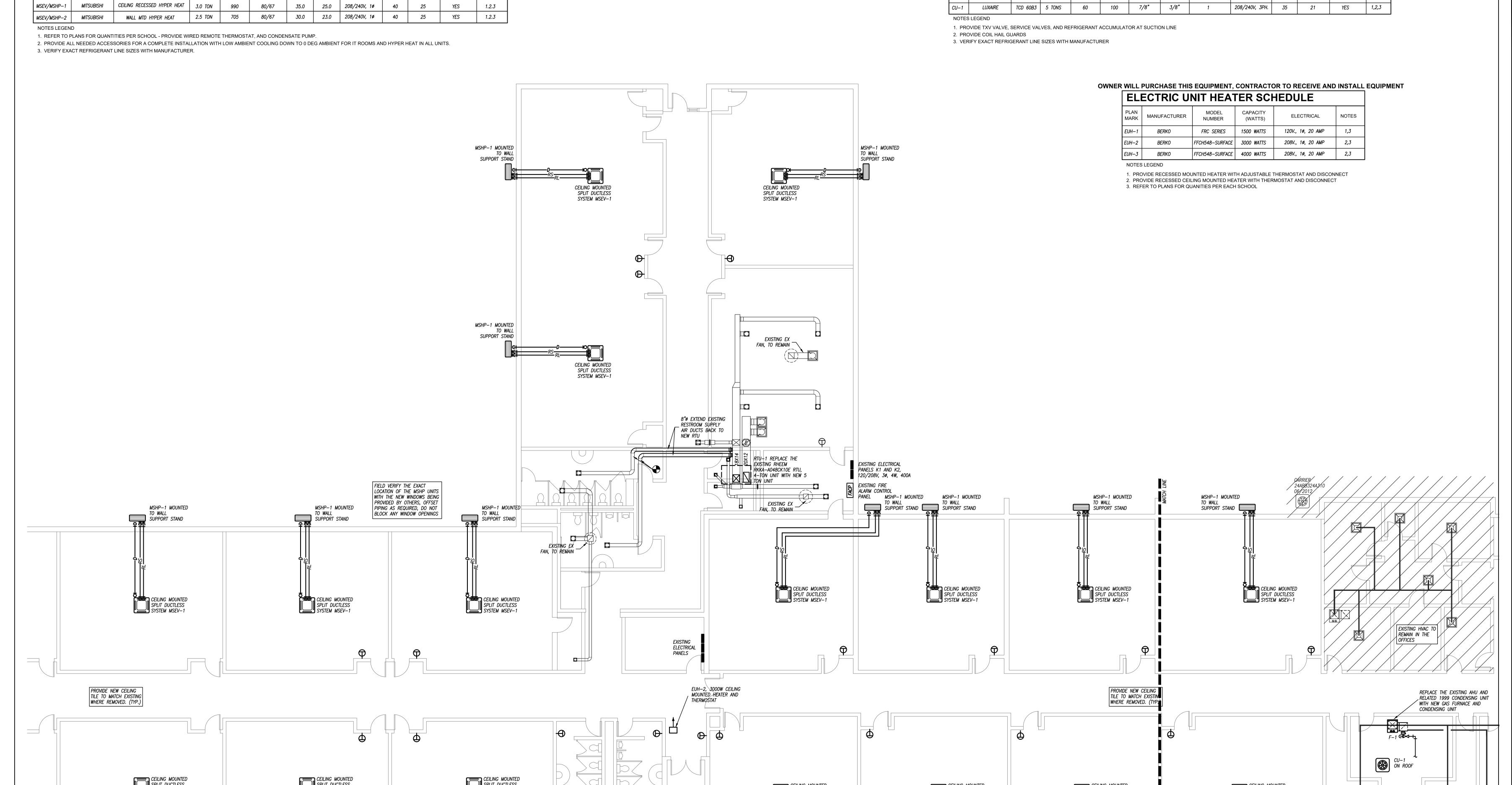
	FU	RNACE	SCHEDULE																
F	PLAN MARK	MANUFACTURER	MODEL NUMBER	CABINET WIDTH	TOTAL CFM	OUTDOOR AIR CFM	STATIC PRESSURE	MOTOR HP/HI EFF	HEAT INPUT BTUH	HEAT OUTPUT BTUH	FLUE OUTLET	COMBUSTION AIR INLET	EVAPORATOR	COOLING CAPACITY	ENTERING AIR DRY/WET	LEAVING AIR DRY/WET	ELECTRICAL	FILTER	NOTES
	F-1	LUXAIRE	TL9E060B12UH11	21"	1900	225	0.7"	1 HP/ECM	120	108	3"	3"	4TXC 060C	5 TON	78/65	57/55	120 V, 1 PH.	MERV 13	1

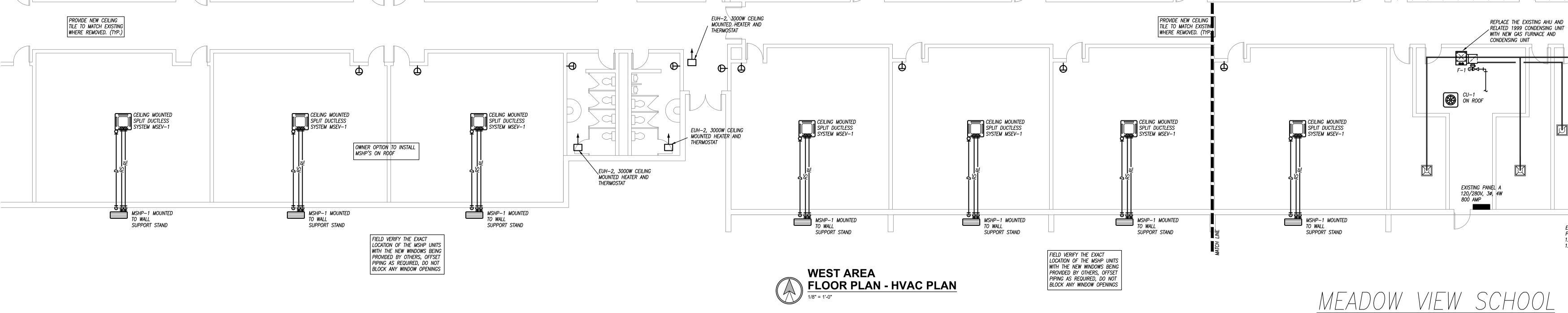
NOTES LEGEND 1. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT

OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND INSTALL EQUIPMENT

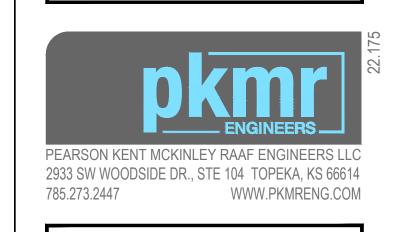
CONDENSING UNIT SCHEDULE

PLAN MARK	MANUFACTURER	MODEL NUMBER	NOMINAL SIZE	TOTAL MBH	AMBIENT	SUCTION	LIQUID	COMPRESSORS	ELECTRICAL	MOCP AMPS	MIN CIRCUIT AMPS	DISCONNECT	NOTE
CU-1	LUXAIRE	TCD 60B3	5 TONS	60	100	7/8"	3/8"	1	208/240V, 3PH.	35	21	YES	1,2,3









ABE 506 H SO

VIEW GRADE 3 1377 21000 RD 350NS, KS 673

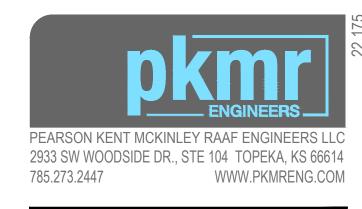
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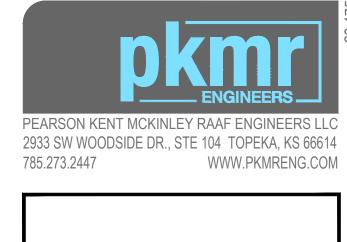
DATE DESCRIPTION CHECKED BY: SWM

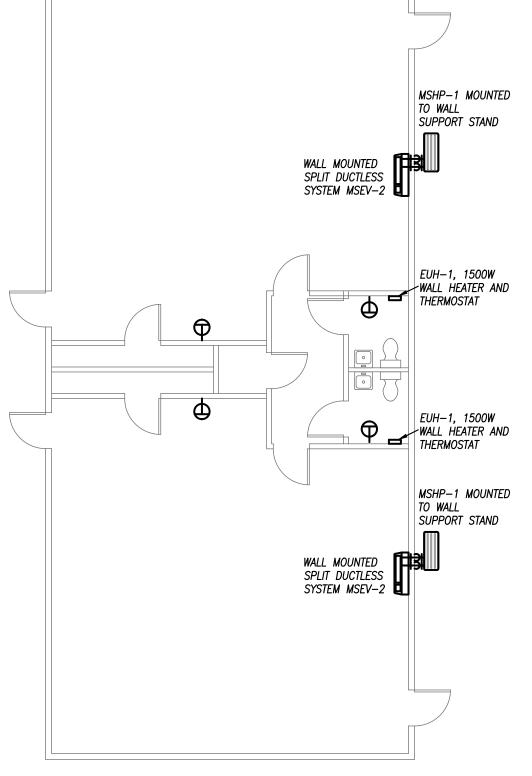
HVAC **PLAN**

22.175









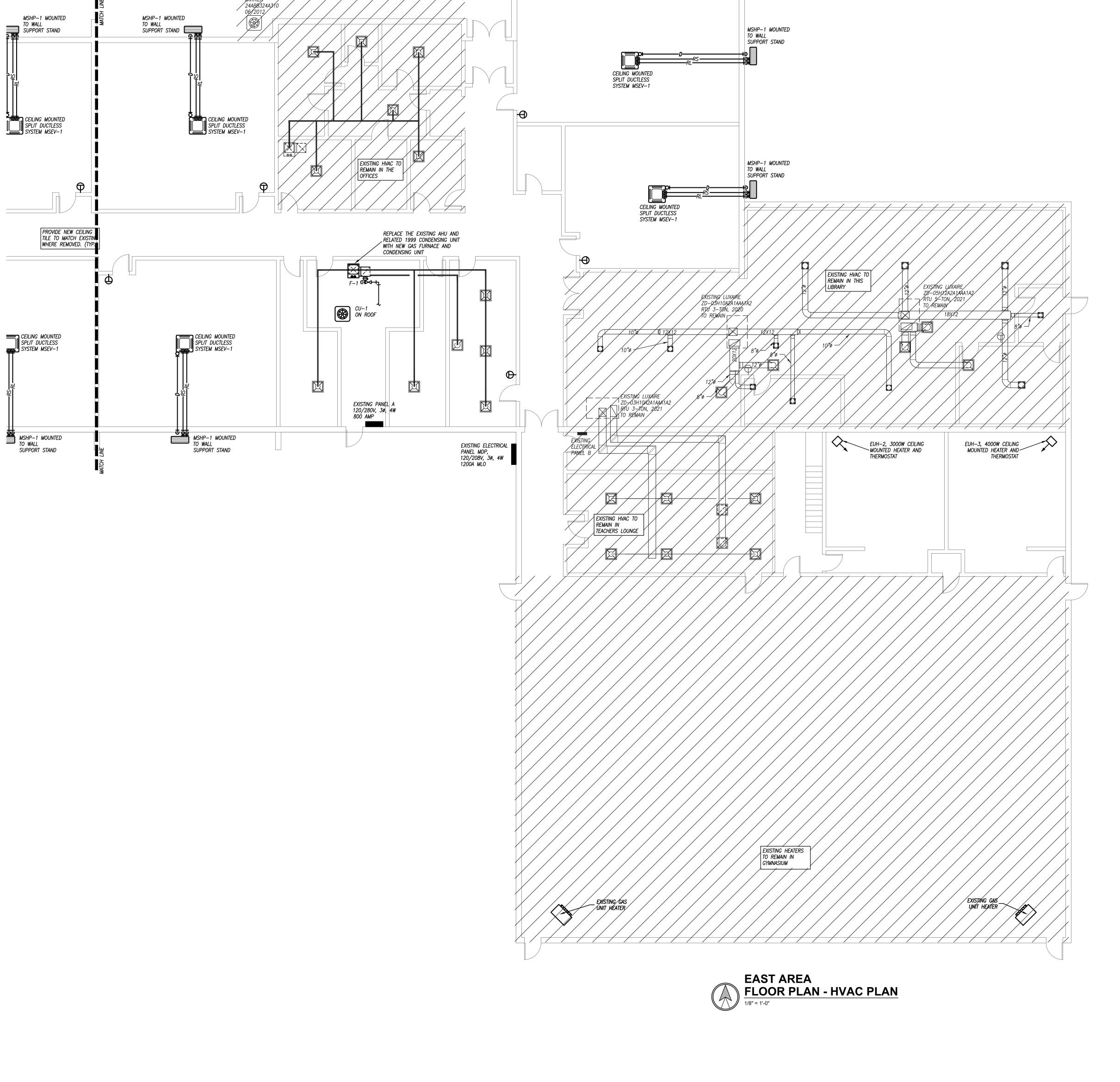


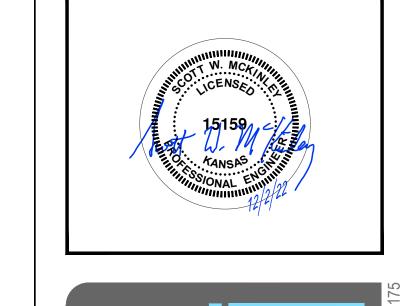


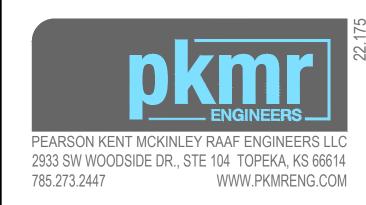
MEADOW VIEW GRADE SC 1377 21000 RD PARSONS, KS 67357

DATE DRAWN BY: CHECKED BY: HVAC PLAN

PKMR PROJECT: 22.175 12/2/22







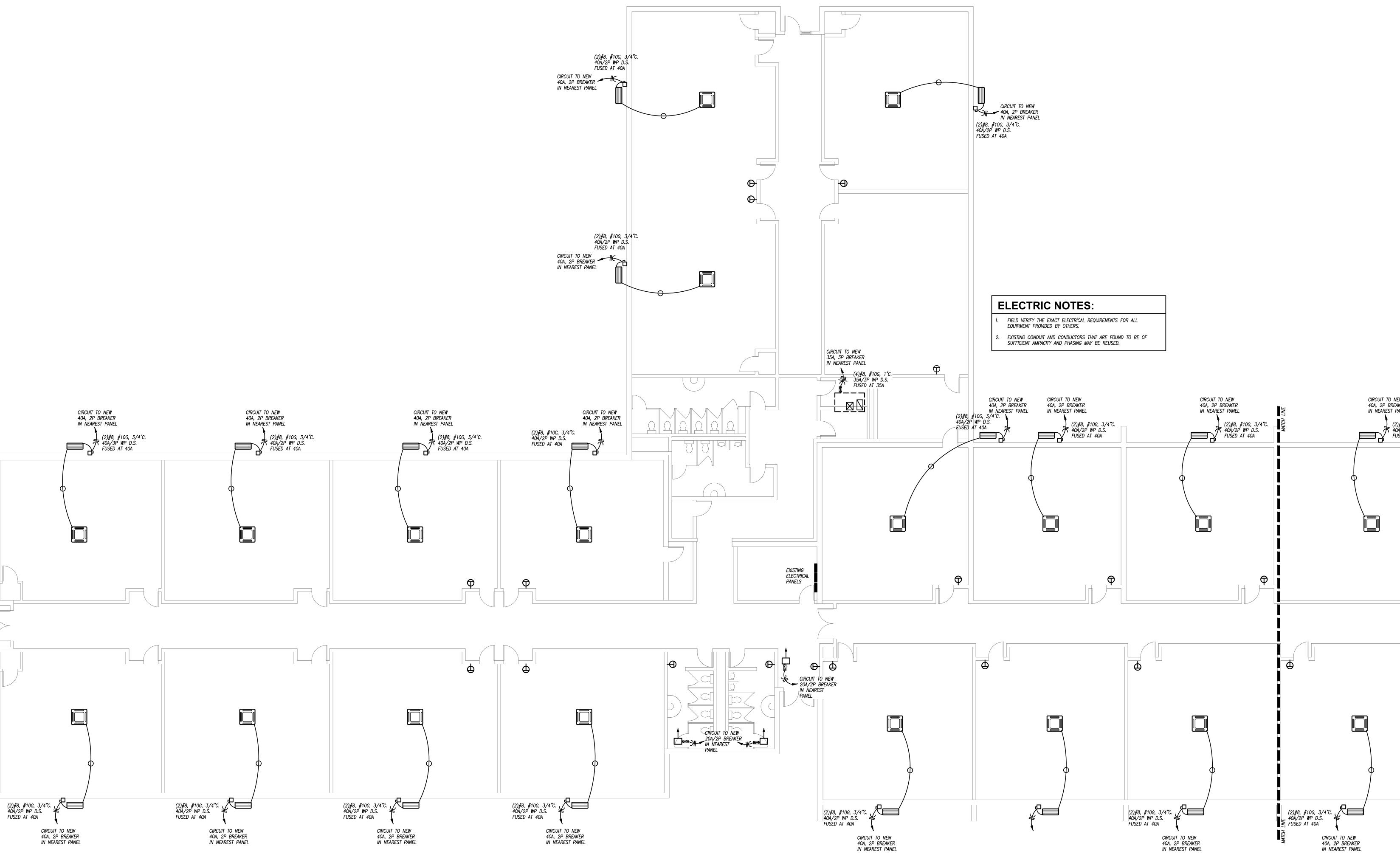
506 LABETTE CO SCHO HVAC UPGRADES

MEADOW VIEW GRADE SC 1377 21000 RD PARSONS, KS 67357

DATE DESCRIPTION CHECKED BY: POWER PLAN

PKMR PROJECT: 22.175

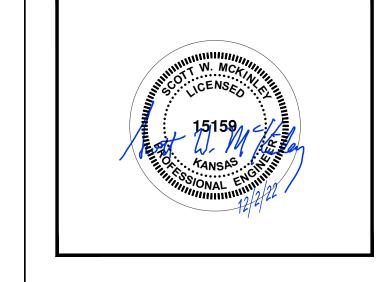
CIRCUIT TO NEW 40A, 2P BREAKER IN NEAREST PANE. USD



WEST AREA
FLOOR PLAN - ELECTRICAL

1/8" = 1'-0"

MEADOW VIEW SCHOOL





D 506 LABETTE CO SCHOOLS HVAC UPGRADES

MEADOW VIEW GRADE SCHO 1377 21000 RD PARSONS, KS 67357

ISS	UED FOR:	
	DESCRIPTION	DATE
1		
2		
3		
	© PEARSON KENT MCKINLEY	' RAAF ENGINEERS, LLC
DI	RAWN BY:	EJT
Cl	HECKED BY:	SWM
SHE	EET TITLE:	
	POW PLA	

22.175

