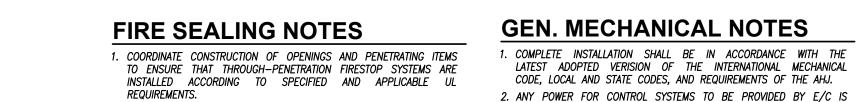
	ND ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED	SYMBO	LLEGEND		
NEET METAL	HIGH EFFICIENCY ROUND DUCT TAKEOFF	MECHANICAL PI	<u>PING</u> · REFRIGERANT LIQUID		<u>s</u> Shutoff valve
	(WITH & WITHOUT MANUAL DAMPER)		- REFRIGERANT SUCTION		SHUTOFF VALVE IN RISER
	SPIN—IN ROUND DUCT TAKEOFF (WITH & WITHOUT MANUAL DAMPER)		DRAIN (CONDENSATE) - COMPRESSED AIR		BALANCING VALVE PLUG VALVE
	CONICAL BELLMOUTH ROUND TAKEOFF		- CHILLED WATER SUPPLY	- b -	AUTO FLOW CONTROL VALVE
	CONICAL DELLINGONN NOOND NAKLON		· CHILLED WATER RETURN · CHILLED/HOT WATER SUPPLY	—ю —Э	PIPING ELBOW UP PIPING ELBOW DOWN
ф ил	ROUND DUCT RUNOUT WITH FLEX DUCT	•	· CHILLED/HOT WATER SUPPLY · CHILLED/HOT WATER RETURN	+5 +++	PIPING ELBOW DOWN PIPING TEE
	DUCTWORK ELBOW (WITH & WITHOUT TURNING VANES)		HOT WATER SUPPLY		PIPING ELBOW
	FD:FIRE DAMPER FS:FIRE/SMOKE DAMPER		- HOT WATER RETURN - COOLING TOWER SUPPLY	—Ю— —Ю—	PIPING TEE UP PIPING TEE DOWN
归	SD:SMOKE DAMPER BD:BACKDRAFT DAMPER (GRAVITY)	—— CTWR ——	· COOLING TOWER RETURN		INCREASER / REDUCER
	AUTOMATIC MOTORIZED DAMPER		- STEAM (ANY #'S DENOTE PRESSURE) - CONDENSATE RETURN (#'S DENOTE PRESSURE)	#]	UNION CAP
8"ø 225	SUPPLY DIFFUSER AND DIFFUSER CALLOUT		· REFRIGERANT VENT		PIPE FLEX
	(NECK SIZE, TYPE AND CFM) LINEAR/SLOT DIFFUSER	RD	RUPTURE DISK		STRAINER CHECK VALVE
	RETURN GRILLE OR EXHAUST REGISTER	PLUMBING PIPIN	NG	7 Û+-	INLINE STRAINER
 	SUPPLY AIR FLOW INDICATOR		DOMESTIC COLD WATER	<u>T</u>	TEST PLUG
~_►	RETURN AND EXHAUST AIR FLOW INDICATOR		DOMESTIC HOT WATER RECIRCULATING DOMESTIC HOT WATER	— 日 — ——————————————————————————————————	GUIDE ANCHOR
⊕ ➔	THERMOSTAT TEMPERATURE SENSOR	SAN	WASTE ABOVE GRADE OR FLOOR	—Q	TRIPLE DUTY VALVE
чŴ	HUMIDISTAT		WASTE BELOW GRADE OR FLOOR STORM ABOVE GRADE OR FLOOR	_&	AUTOMATIC 2-WAY CONTROL VALVE
	CONTROL WIRING		STORM BELOW GRADE OR FLOOR	\$-	AUTOMATIC 3-WAY CONTROL VALVE
ICAL GAS		•	STORM OVERFLOW ABOVE GRADE OR FLOOR		SOLENOID VALVE
— MV ——	MEDICAL VACUUM PIPING	,	STORM OVERFLOW BELOW GRADE OR FLOOR PLUMBING VENT		TIEO
— 0 —— – N0 ——	OXYGEN PIPING NITROUS OXIDE PIPING		WATER SERVICE		
— SA —	MEDICAL COMPRESSED AIR PIPING		GAS (NATURAL) - FROM SUMP PUMP DISCHARGE		PRESS/ TEMP GAUGE WITH COCK
— N — — CO —	NITROGEN PIPING CARBON DIOXIDE PIPING	CA	- COMPRESSED AIR		THERMOMETER.
— CO — — V V—	CARBON DIOXIDE PIPING VACUUM VENT PIPING	LP		— , ™, 	
- WAGD	WASTE ANESTHETIC GAS DISPOSAL PIPING		SOFT DOMESTIC COLD WATER SOFT DOMESTIC HOT WATER	$-\oplus-$	PRESSURE REDUCING VALVE
— GV — ⊢∽ _x	MEDICAL GAS VENT PIPING MEDICAL GAS OUTLET W/ DESIGNATION (RE: BELOW)	SRW	SOFT RECIRCULATING HOT WATER	–ķŻ	RELIEF VALVE
X	O OXYGEN	——— ACID ——— ——— VACID ———	ACID WASTE ACID WASTE VENT	Q	WATER HAMMER ARRESTER
	N NITROGEN NO NITROUS OXIDE	NP	NON-POTABLE	+ [‡] +	
	NO NITROUS OXIDE WAGD WASTE ANESTHETIC GAS DISPOSAL		DEIONIZED WATER REVERSE OSMOSIS WATER	PLUMBING FIXT	URES/EQUIPMENT
	CO CARBON DIOXIDE	KU	REVERSE OSMOSIS WATER	+ı HB	HOSE BIBB
	MV MEDICAL VACUUM SA SURGICAL AIR	FIRE SPRINKLER	—	==₩ <i>₩</i> h @	WALL HYDRANT CLEAN OUT
	S MEDICAL SLIDE	— F —— ——⊗——	FIRE PROTECTION PIPING SPRINKLER HEAD	─────────────────────────────────────	CLEAN OUT REDUCED PRESSURE BACKFLOW PREV
			SIDEWALL SPRINKLER HEAD	DCBP	DOUBLE CHECK BACKFLOW PREVENTE
	INDICATES CONNECT TO EXISTING	Ŷ	FIRE PROTECTION SIAMESE CONNECTION	$\bigcup_{WC-1} \boxed{\underbrace{S-1}}$	PLUMBING FIXTURE AND CALLOUT
$\mathbf{\Phi}$	INDICATES ELEVATION	— ⊗I—	POST INDICATOR VALVE	<u>₩C-1</u> <u>S-1</u> ●	FD: FLOOR DRAIN, AD: AREA DRAIN, FS: FLOOR SINK
Ψ				() <u>RD-1</u>	RD: ROOF DRAIN
					ORD: OVERFLOW ROOF DRAIN
FCTF	RICAL SYMBOL LEGEND)			
	ND ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED				
CUITING		POWER DEVICE	<u>s</u>	FIRE ALARM	
	HOME RUN (2#12 1#12G UNO)	Ð	DUPLEX RECEPTACLE.	F	MANUAL PULL STATION
اللحر					
-₩~	INDICATES 2 PHASE, 1 N, & 1 GRD CONDUCTOR		LINE THRU DEVICE INDICATES ABOVE COUNTER	$\overline{\textcircled{0}}$	CEILING SMOKE DETECTOR
₩~ ~ *	HOME RUN: INDICATES SHARED CIRCUIT	⊕ ⊕_ _{GFI}	LINE THRU DEVICE INDICATES ABOVE COUNTER SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.)		DUCT SMOKE DETECTOR
₩~		Ŧ	SPECIAL DUPLEX RECEPTACLE	() () () () () () () () () () () () () (DUCT SMOKE DETECTOR HEAT DETECTOR
	Home Run: Indicates shared circuit Home Run: Indicates #10 conductors entirely		SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.)	 D D (H) ■ WF 	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH
UGE	Home Run: Indicates Shared Circuit Home Run: Indicates #10 conductors entirely UNDERGROUND ELECTRICAL	GFI GFI OS-50R	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE	D D H = WF = TS	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH
UGE - OHE	Home Run: Indicates shared circuit Home Run: Indicates #10 conductors entirely		SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED	 D D (H) ■ WF 	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT
UGE - OHE - TELE	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL	\bigoplus_{GFI} \bigoplus_{5-50R}	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED	D D H = WF = TS	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA
UGE OHE TELE UGT	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT	\bigoplus_{GFI} \bigoplus_{5-50R} \bigoplus_{5-50R}	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE	 D D H WF TS ∑ 75 ∑ 30 	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE
UGE - OHE - TELE UGT	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT UNDERGROUND TELECOMMUNICATIONS CONDUIT	$ \begin{array}{c} $	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE" POKE-THRU WITH POWER POKE-THRU WITH TELECOMMUNICATIONS	 □ □ □ 0 0	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE RATING. 75cd UNLESS OTHERWISE N HORN CEILING-MOUNTED STROBE LIGHT WITH
- UGE - OHE - TELE - UGT ITING	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT	$ \begin{array}{c} $	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE" POKE-THRU WITH POWER	 ○ ○	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE RATING. 75cd UNLESS OTHERWISE N HORN CEILING-MOUNTED STROBE LIGHT WITH RATING. MINIMUM OF 75cd RATING
UGE - OHE - TELE UGT	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT UNDERGROUND TELECOMMUNICATIONS CONDUIT	$ \begin{array}{c} $	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE" POKE-THRU WITH POWER POKE-THRU WITH TELECOMMUNICATIONS POKE-THRU W/POWER AND TELECOM SINGLE GANG FLOOR BOX (2, 3, 4 GANG SIMILAR)	 □ □ □ 0 0	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE RATING. 75cd UNLESS OTHERWISE N HORN CEILING-MOUNTED STROBE LIGHT WITH
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UGE - OHE - TELE UGT +TING • • • • • •	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT UNDERGROUND TELECOMMUNICATIONS CONDUIT FLUORESCENT LIGHT FIXTURE FLUORESCENT STRIP FIXTURE SURFACE/RECESSED LIGHT FIXTURE	$\begin{array}{c} \downarrow \\ \bigcirc \\ GFI \\ \hline \\ $	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE" POKE-THRU WITH DOWER POKE-THRU WITH TELECOMMUNICATIONS POKE-THRU W/POWER AND TELECOM SINGLE GANG FLOOR BOX (2, 3, 4 GANG SIMILAR) DIVIDED POWER POLE CLOCK RECEPTACLE	 ○ ○	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE RATING. 75cd UNLESS OTHERWISE N HORN CEILING-MOUNTED STROBE LIGHT WITH RATING. MINIMUM OF 75cd RATING CEILING-MOUNTED COMBINATION HORN CANDELA RATING. MIN. OF 75cd
•- UGE - OHE - TELE •- UGT <u>+TING</u> • • • •	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT UNDERGROUND TELECOMMUNICATIONS CONDUIT FLUORESCENT LIGHT FIXTURE FLUORESCENT STRIP FIXTURE SURFACE/RECESSED LIGHT FIXTURE WALL-MOUNTED LIGHT FIXTURE		SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE" 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	 ● 	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE RATING. 75cd UNLESS OTHERWISE N HORN CEILING-MOUNTED STROBE LIGHT WITH RATING. MINIMUM OF 75cd RATING CEILING-MOUNTED COMBINATION HORN CANDELA RATING. MIN. OF 75cd CEILING-MOUNTED HORN
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UGE OHE TELE UGT UGT TING D D D D D D D D D D D D D D D	HOME RUN: INDICATES SHARED CIRCUIT HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL TELECOMMUNICATIONS CONDUIT UNDERGROUND TELECOMMUNICATIONS CONDUIT FLUORESCENT LIGHT FIXTURE FLUORESCENT STRIP FIXTURE SURFACE/RECESSED LIGHT FIXTURE WALL-MOUNTED LIGHT FIXTURE POLE-MOUNTED LIGHT FIXTURE EXIT LIGHT BATTERY-OPERATED EMERGENCY LIGHT (WALL MTD)		SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.) QUADPLEX RECEPTACLE SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED CEILING MOUNTED RECEPTACLE RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE" 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 JUNCTION BOX THERMOSTAT - ELECTRIC PUSH BUTTON	 D D H WF TS Z 75 ∞ 30 ∞ 75 ∞ 75<	DUCT SMOKE DETECTOR HEAT DETECTOR WATERFLOW SWITCH TAMPER SWITCH VISIBLE NOTIFICATION DEVICE WITH CA 75cd RATING UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE RATING. 75cd UNLESS OTHERWISE NOT AUDIBLE/VISIBLE NOTIFICATION DEVICE RATING. 75cd UNLESS OTHERWISE NOT CEILING-MOUNTED STROBE LIGHT WITH RATING. MINIMUM OF 75cd RATING CEILING-MOUNTED COMBINATION HORN CANDELA RATING. MIN. OF 75cd CEILING-MOUNTED HORN CEILING-MOUNTED SPEAKER RELAY FIRE ALARM CONTROL PANEL FIRE ALARM ANNUNCIATOR PANEL REMOTE ANNUNCIATOR PANEL
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- 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.

ABBREVIATIONS

- A/E ARCHITECT / ENGINEER AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AG ABOVE GRADE AHJ AUTHORITY HAVING JURISDICTION AHU AIR HANDLING UNIT ARCH ARCHITECT BFP BACKFLOW PREVENTER BG BELOW GRADE BLDG BUILDING BMS BUILDING MANAGEMENT SYSTEM CONDUIT CANDELA CD CD COLD DECK CLG COOLING CM COORDINATE MOUNTING HEIGHT CLEAN OUT
- /DRANT PRESSURE BACKFLOW PREVENTER CHECK BACKFLOW PREVENTER FIXTURE AND CALLOUT
- OOR DRAIN, AD: AREA DRAIN, OOR SINK DRAIN VERFLOW ROOF DRAIN
- . PULL STATION SMOKE DETECTOR
- NOKE DETECTOR ETECTOR
- OW SWITCH SWITCH
- NOTIFICATION DEVICE WITH CANDELA RATING. TING UNLESS OTHERWISE NOTED ON PLANS /VISIBLE NOTIFICATION DEVICE WITH CANDELA
- . 75cd UNLESS OTHERWISE NOTED ON PLAN -MOUNTED STROBE LIGHT WITH CANDELA MINIMUM OF 75cd RATING. MOUNTED COMBINATION HORN/STROBE WITH DELA RATING. MIN. OF 75cd RATING.
- -MOUNTED HORN -MOUNTED SPEAKER
- ARM CONTROL PANEL ARM ANNUNCIATOR PANEL ANNUNCIATOR PANEL
- ARM EXTENDER CABINET OLDER
- / MULTI-STATION 120V SMOKE ALARM
- DDRESSABLE MODULE L ADDRESSABLE MODULE HOOD FIRE SUPPRESSION SYSTEM PANEL
- HOOD REMOTE PULL STATION RESCUE ASSISTANCE STATION
- RESCUE ASSISTANCE MASTER STATION
- CAMERA
- T/ZOOM CAMERA TY TYPE CARD READER CARD READER GLASS DETECTOR STRIKE MOTION DETECTOR
- / MAG LOCK
- / MAG LOCK

MLO MAIN LUGS ONLY EM EMERGENCY FIXTURE/DEVICE NFA NET FREE AREA EWT ENTERING WATER TEMPERATURE NL NIGHT LIGHT OA OUTSIDE AIR ORD OVERFLOW ROOF DRAIN FFB FROM FLOOR BELOW P/C PLUMBING CONTRACTOR PSI POUNDS PER SQUARE INCH PVC POLYVINYLCHLORIDE RA RETURN AIR RE/REF REFER / REFERENCE RF RELIEF FAN RELOCATED ITEM RL RPZ REDUCED PRESSURE ZONE RESTROOM RR SA SUPPLY AIR GFCI GROUND FAULT CIRCUIT INTERUPTER SPD SURGE PROTECTIVE DEVICE SHUNT TRIP ST TRANSFER AIR TFA TO FLOOR ABOVE TFB TO FLOOR BELOW TP TAMPERPROOF TYP TYPICAL UNO UNLESS NOTED OTHERWISE VRF VARIABLE REFRIGERANT FLOW VTR VENT THROUGH ROOF

GEN. MECHANICAL NOTES

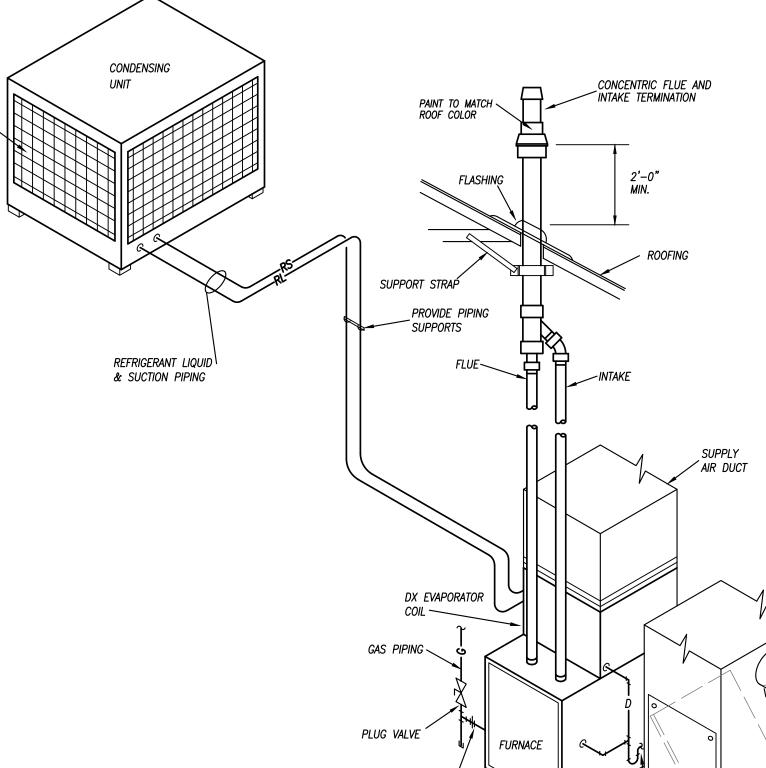
- LATEST ADOPTED VERISION OF THE INTERNATIONAL MECHANICAL CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ. 2. ANY POWER FOR CONTROL SYSTEMS TO BE PROVIDED BY E/C IS INDICATED ON ELECTRICAL PLANS. ANY ADDITIONAL LINE VOLTAGE
- OR LOW VOLTAGE POWER REQUIRED BY THE M/C OI SUBCONTRACTORS TO HAVE 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 INSTALLED. 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

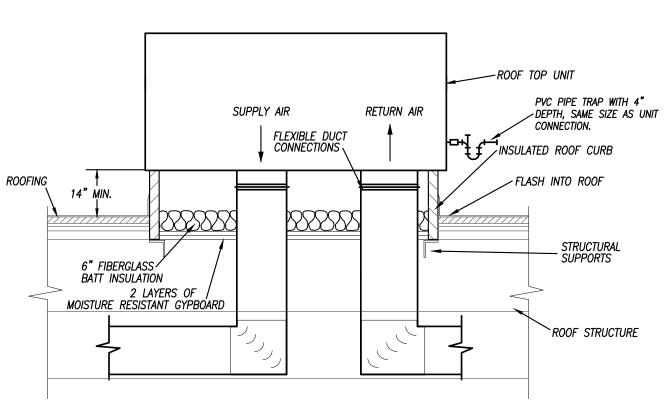
- 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERISION OF THE INTERNATIONAL PLUMBING CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ. 2. NO PIPING SHALL BE INSTALLED WHERE IT WILL SUBJECT
- FREEZING TEMPERATURES. PIPING IN EXTERIOR WALLS SHALL BI INSTALLED ON THE WARM SIDE OF BUILDING INSULATION, INSULATED AND THE CHASE SHALL BE VENTILATED WITH GRILLE'S 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 SEWER.

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.



FURNACE AND CONDENSING UNIT DETAIL NO SCALE



ROOF TOP UNIT MOUNTING DETAIL NO SCALE

- FFCO FINISHED FLOOR CLEAN OUT FGCO FLUSH GRADE CLEAN OUT FL FLOW LINE FLR FLOOR FP FIRE PROTECTION FPM FEET PER MINUTE FWCO FLUSH WALL CLEAN OUT G GROUND / GANG GENERAL CONTRACTOR G/C GPM GALLONS PER MINUTE HD HOT DECK
- E/C ELECTRICAL CONTRACTOR EXHAUST AIR EDF ELECTRIC DRINKING FOUNTAIN

COIL HAIL

GUARD

- DCW DOMESTIC COLD WATER DDC DIRECT DIGITAL CONTROLS DF DRINKING FOUNTAIN DHW DOMESTIC HOT WATER DHWR DOMESTIC HOT WATER RETURN DIA DIAMETER DN DOWN
- СО CTE CONNECT TO EXISTING

 - DCVA DOUBLE CHECK VALVE ASSEMBLY HTG HEATING ISOLATED GROUND JUNCTION BOX LIGHT EMITTING DIODE LED
 - LWT LEAVING WATER TEMPERATURE M/C MECHANICAL CONTRACTOR MA MIXED AIR MAU MAKE UP AIR UNIT MCB MAIN CIRCUIT BREAKER MECH MECHANICAL MH MANHOLE

ELEV ELEVATION

FX

EXISTING ITEM

FFA FROM FLOOR ABOVE

- WCO WALL CLEANOUT WG WIRE GUARD WP WEATHERPROOF
- - UNION '
 - 3/4" NEOPRENE PADS 3 1/2" CONCRETE / FLEX CONNECTION ¹3/4" DRAIN TO (TYP.) , FLOOR DRAIN

COORDINATION NOTES

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

1. COORDINATE REQUIREMENTS FOR INSTALLATION OF SYSTEMS AND

- 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.
- 5. 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 PANELS.
- 7. 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" T THE ENGINEER AT THE CONCLUSION OF THE PROJECT ELECTRONICALLY. 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 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 NEEDED FOR THIS.

GEN. RENOVATION NOTES

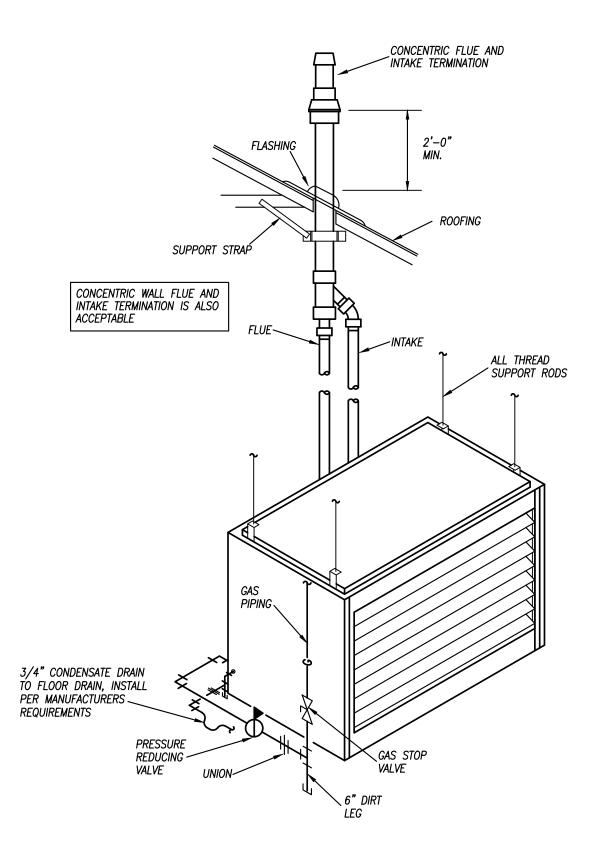
- . DISCONNECT AND REMOVE ANY EQUIPMENT. PIPING OR DUCTWORK THAT WAS INSTALLED AS PART OF THE BUILDING SHELL THAT IS NOT NEEDED OR CONFLICTS WITH THIS BUILD OUT.
- 2. EXISTING UNDERGROUND PIPING LOCATIONS ARE ESTIMATED BASED UPON ANTICIPATED ROUTINGS. FIELD VERIFY EXACT LOCATIONS DURING CONSTRUCTION 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. VERIFY
- OPENINGS WITH STRUCTURAL ENGINEER PRIOR TO CUTTING. 5. 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.
- 6. 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.

> BALANCING DAMPER OUTSIDE PROVIDE 2" ANGLED, PLEATED, MERV 13 - FILTERS SIZED FOR 500 FEET PER MINUTE VELOCITY MAXIMUM

ACCESS DOOR WITH - CONTINUOUS HINGE AND CAM LATCHES

RETURN AIR

DUCT



GAS FIRED UNIT HEATER DETAIL NO SCALE

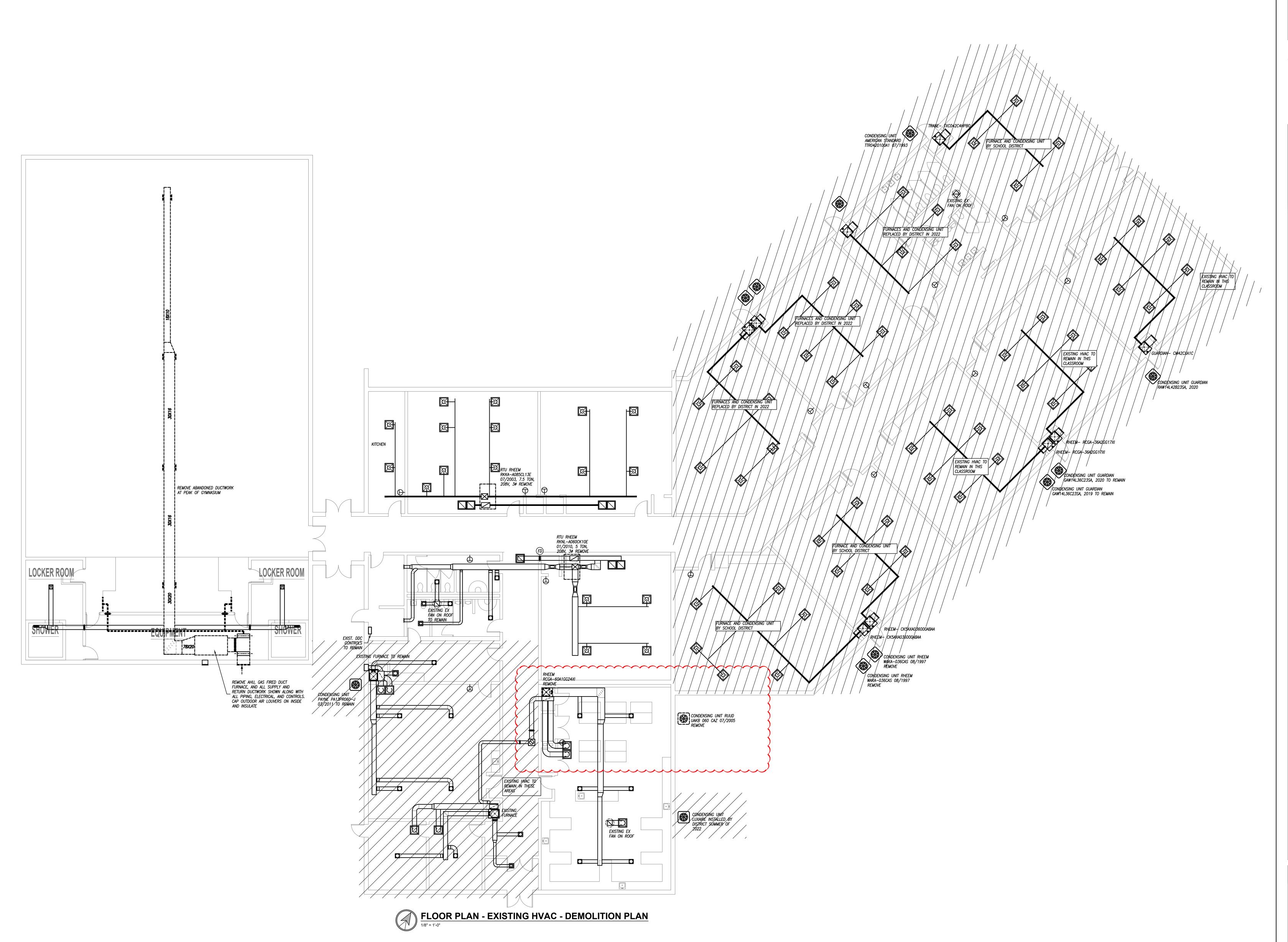
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GRADE SCHOOL



PEARSON KENT MCKINLEY RAAF ENGINEERS LL 2933 SW WOODSIDE DR., STE 104 TOPEKA, KS 66614 785.273.2447 WWW.PKMRENG.COM

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BARTLETT GRADE SCHOOL



PEARSON KENT MCKINLEY RAAF ENGINEERS LLC 2933 SW WOODSIDE DR., STE 104 TOPEKA, KS 66614 785.273.2447 WWW.PKMRENG.COM S HOOL SS 0 ARTLETT GRADE SCHOC 201 2ND ST. BARTLETT, KS 67332 SШ RAD ABETTE し> 506 H 4 M SN

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BARTLETT GRADE SCHOOL

OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND INSTALL EQUIPMENT POOF TOP UNIT SCHEDUILE - THREE PHASE ELECTRIC WITH GAS HEAT

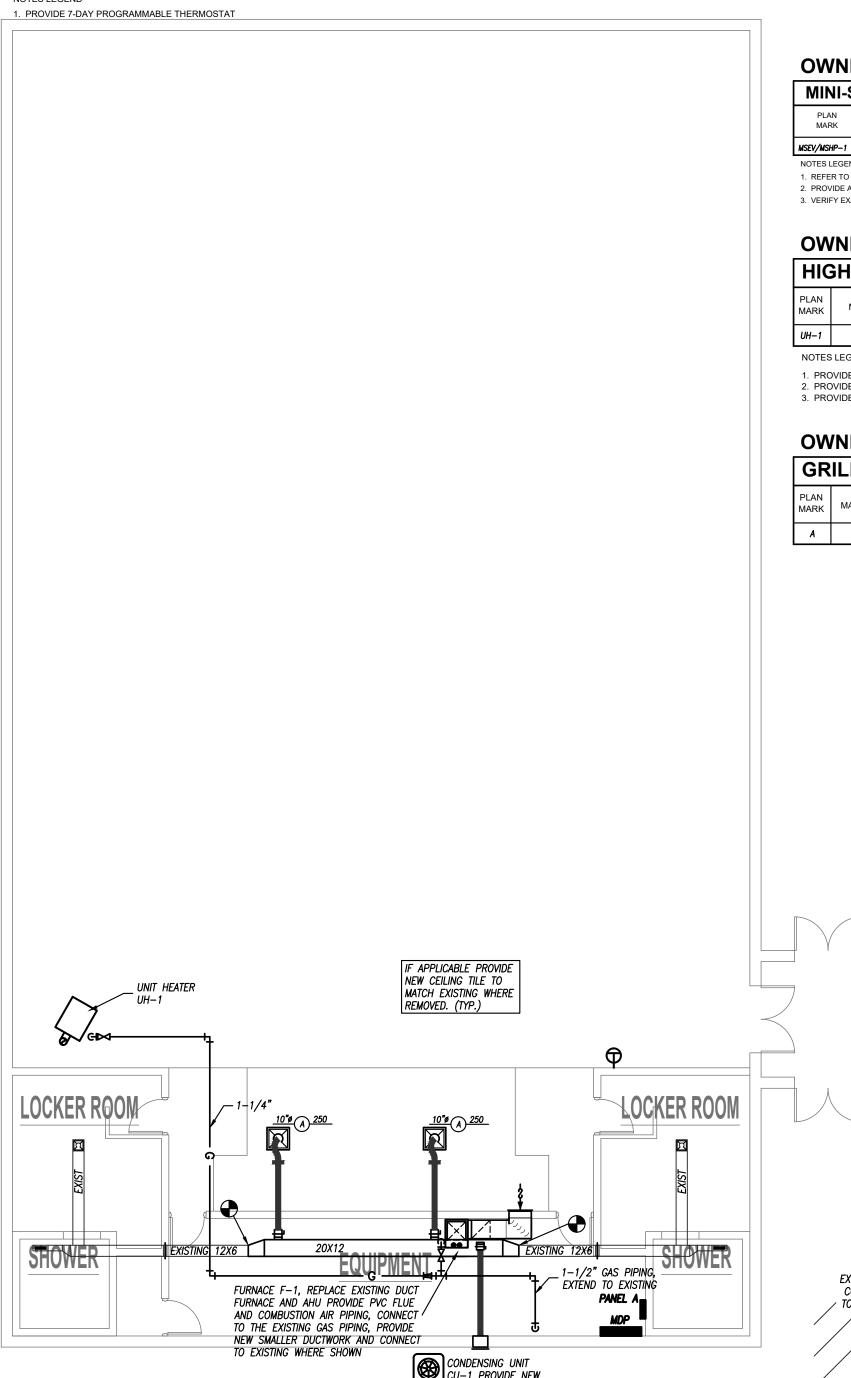
RO	OF TOP L	JNII SCH	IEDU			ASE ELEC		H GAS F	1EA I							
PLAN MARK	MANUFACTURER	MODEL NUMBER	SIZE	REFRIGERANT	MINIMUM EFFICIENCY	AIRFLOW	COMPRESSORS	COOLING CAPACITY	CFM	EXTERNAL STATIC	OA CFM	HEATING CAPACITY	ELECTRICAL	WEIGHT	FILTER	NOTES
RTU–1	LUXAIRE	ZD04H07B2	4 TON	R-410A	14 SEER	DOWN OR HORIZONTAL	(1) SCROLL	49,000 BTUH	1,600	0.7"	160	75 MBH	208 V., 3 PH, 30 AMP	800 LBS	MERV 13	1,2,3
RTU–2	LUXAIRE	ZD05H10B2	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

NOTES LEGEND 1. REFER TO PLANS FOR QUANTITIES - 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

OWNER WILL PURCHASE THIS FOUIPMENT CONTRACTOR TO RECEIVE AND INSTALL FOUIPMENT.

OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND INST	ALL EQUIPMENT	OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND IN
FURNACE SCHEDULE		CONDENSING UNIT SCHEDULE
PLAN MANUFACTURER MODEL CABINET TOTAL OUTDOOR STATIC MOTOR HEAT INPUT HEAT OUTPUT FLUE COMBUSTION WIDTH CFM AIR CFM PRESSURE HP/HI EFF BTUH BTUH OUTLET AIR INLET	APORATOR COOLING ENTERING AIR LEAVING AIR DRY/WET DRY/WET ELECTRICAL FILTER NOTES	PLAN MARK MANUFACTURER MODEL NOMINAL SIZE MAH AMBIENT SUCTION LIQUID COMPRESSORS ELECTRICAL MOCP AMPS MIN CIRCUIT AMPS DISCONNECT
	3 TON 3.0 TON 78/65 57/55 120 V, 1 PH. MERV 13 1	CU-1 LUXAIRE TCD 36B3 3 TONS 36 100 3/4" 3/8" 1 208/240V, 3PH. 20 15 YES
NOTES LEGEND 1. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT		NOTES LEGEND 1. PROVIDE TXV VALVE, SERVICE VALVES, AND REFRIGERANT ACCUMULATOR AT SUCTION LINE
		2. PROVIDE COIL HAIL GUARDS 3. VERIFY EXACT REFRIGERANT LINE SIZES WITH MANUFACTURER
	WNER WILL PURCHASE THIS EQUIPMENT, CON	ITRACTOR TO RECEIVE AND INSTALL EQUIPMENT
	IINI-SPLIT DUCTLESS EVAPORATOR/HEAT PUMP SCHED PLAN NOMINAL MAX ENTERING AIR COOLING HEATING	
	PLAN MARK MANUFACTURER MODEL NOMINAL SIZE MAX CFM ENTERING AIR DRY/WET COOLING MBH HEATING MBH //MSHP-1 MITSUBISHI CEILING RECESSED HYPER HEAT 3.0 TON 990 80/67 35.0 25.0	I ELECTRICAL AMPS AMPS DISCONNECT NOTES
NO	TES LEGEND REFER TO PLANS FOR QUANTITIES PER SCHOOL - PROVIDE WIRED REMOTE THERMOSTAT, AND CONDENSATE PUMP.	
	PROVIDE ALL NEEDED ACCESSORIES FOR A COMPLETE INSTALLATION WITH LOW AMBIENT COOLING DOWN TO 0 DEG AMBIEN PRIFY EXACT REFRIGERANT LINE SIZES WITH MANUFACTURER.	ENT FOR IT ROOMS AND HYPER HEAT IN ALL UNITS.
	IGH EFFICIENCY GAS UNIT HEATER SCHEDULE	TRACTOR TO RECEIVE AND INSTALL EQUIPMENT
	N MODEL INPUT/OUTPUT SUSSESSES	
		TLET 10120 "∅ 1,2,3
	TES LEGEND	
2.	PROVIDE ADJUSTABLE THERMOSTAT WITH SUMMER/WINTER SWITCH AND DISCONNECT SWITCH PROVIDE #409 STAINLESS STEEL HEAT EXCHANGERS PROVIDE INTERMITTENT PILOT IGNITION	
	Image: Service MODEL SERVICE MOLINE TYPE VOLUME MATER	
		RIAL COLOR NOTES
	PRICE SMD—3P SUPPLY GRID NO STEE	
	MSHP-1 MOUNTED	
	TO WALL SUPPORT STAND	
		FURNACES AND CONDENSING UNIT REPLACED BY DISTRICT IN 2022
	CEILING MOUNTED SPLIT DUCTLESS SYSTEM MSEV-1	
UNIT HEATER UH-1		
WH-1 UH-1 MAICH EXISING WHERE REMOVED. (TYP.)		
		RTU-1, REPLACE
	EXISTING EX FAN ON BOOF	
		FURNACE AND CONDENSING UNIT BY SCHOOL DISTRICT
SHOWER EQUPMENT	EXIST. DDC	
FURNACE AND ALL ENGLIE PVC FLUE	CONTROLS TO REMAIN	
TO THE EXISTING GAS PIPING, PROVIDE 5	Existing furnace to remain	
TO EXISTING WHERE SHOWN CONDENSING UNIT CU-1 PROVIDE NEW		
		RCGA-60A16G24XV EXISTING TO REMAIN
PAYNE F 03/201	A13PR060-J , TO REMAIN	CONDENSING UNIT RUUD- UAKB
		CONDENSING UNIT RUUD- UAKB OGO CAZ 07/2005, EXISTING TO REMAIN
	///////////////////////////////////////	
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		STING HVAC TO MAIN IN THESE AS
	////	EXISTING EX

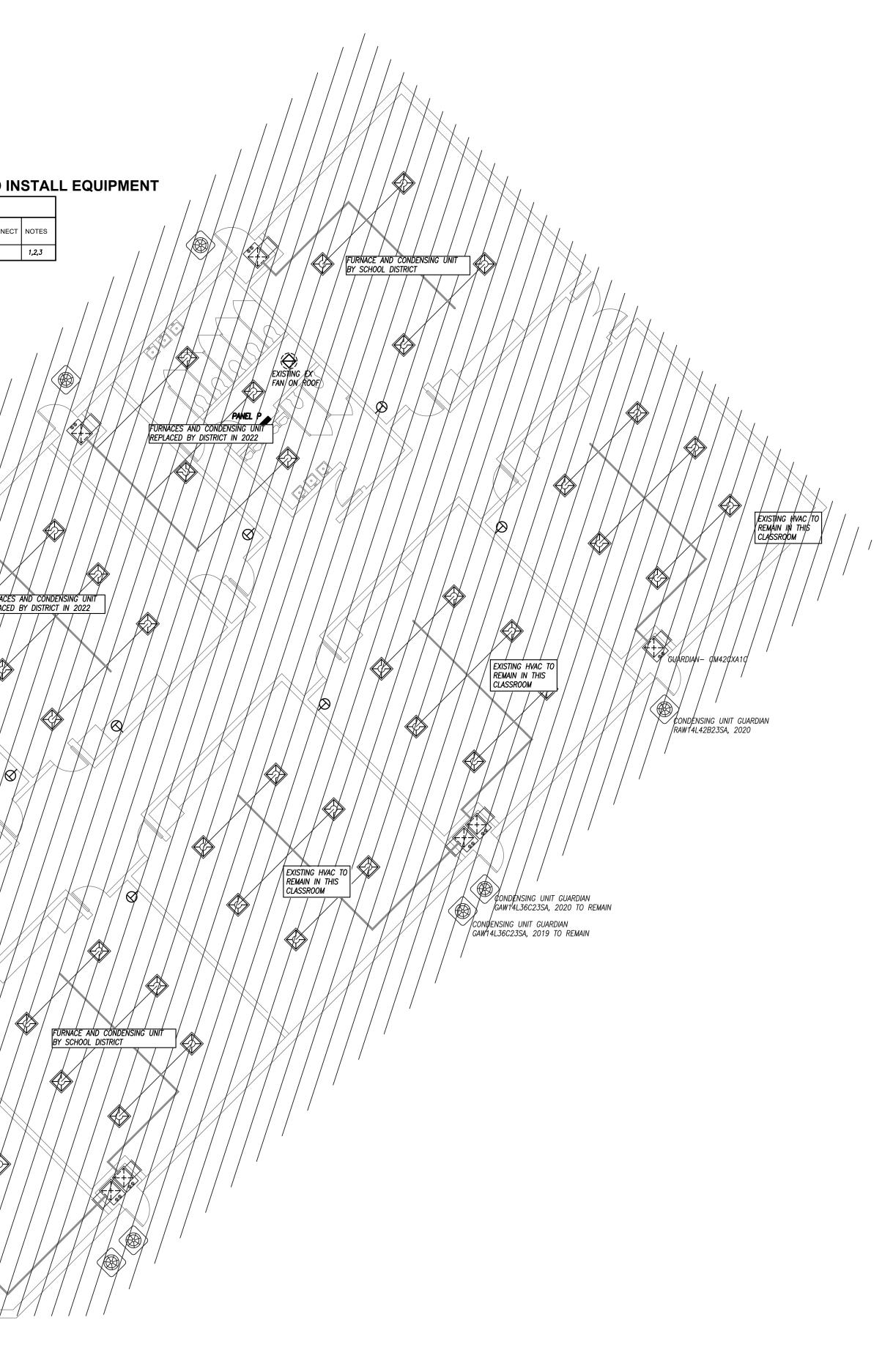


OWNER WILL PURCHASE THIS EQUIPMENT, CONTRACTOR TO RECEIVE AND INSTALL EQUIPMENT

FLOOR PLAN - HVAC PLAN 1/8" = 1'-0"

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REMAIN



BARTLETT GRADE SCHOOL



PEARSON KENT MCKINLEY RAAF ENGINEERS LLC 2933 SW WOODSIDE DR., STE 104 TOPEKA, KS 66614 785.273.2447 WWW.PKMRENG.COM S 0 H BARTLETT GRADE SCHOOL 201 2ND ST. BARTLETT, KS 67332 506 LABETTE CO SC HVAC UPGRADES **USD** SUED FOR: DATE DESCRIPTION © PEARSON KENT MCKINLEY RAAF ENGINEERS, LLC DRAWN BY: EJT

CHECKED BY:	SWM
	IVAC PLAN
DATE: 12/2/22	PKMR PROJECT: 22.175
SHEET NUMBER:	M2



BARTLETT GRADE SCHOOL



2933 SW WOODSIDE DR., STE 104 TOPEKA, KS 66614 WWW.PKMRENG.COM 785.273.2447 S 506 LABETTE CO SCHOOL HVAC UPGRADES OL BARTLETT GRADE SCHOO 201 2ND ST. BARTLETT, KS 67332 **USD**

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