

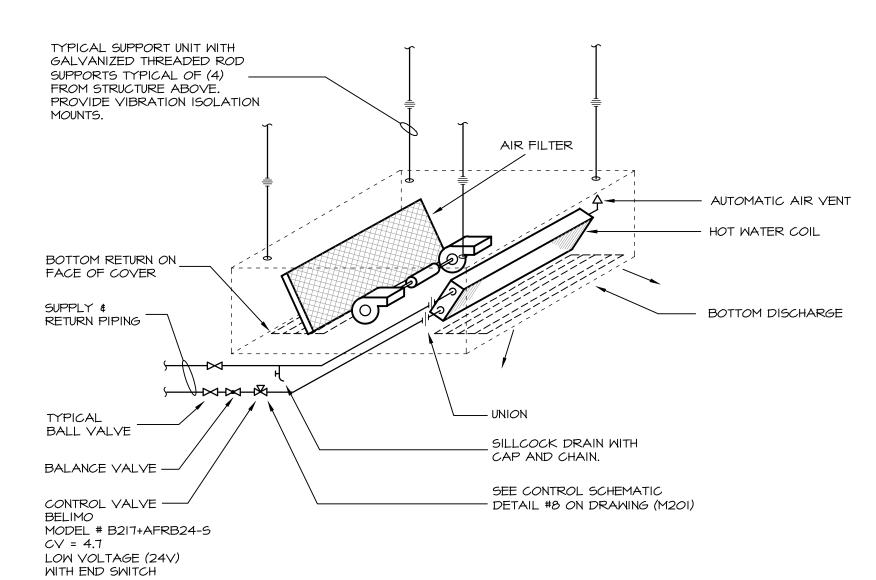
NOTE:

REFRIGERANT PIPING SHALL BE COPPER TUBING TYPE ACR HARD DRAWN. WROUGHT COPPER FITTINGS, SILVER BRAZE JOINTS. SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS BASED ON ELEVATION AND LENGTH. INSULATE SUCTION LINE WITH I ½" ELASTROMETRIC CELLULAR FOAM. CONCEAL REFRIGERATION PIPING IN EXTERIOR WALLS AND ABOVE CEILINGS. SEAL EXTERIOR WALL PENETRATION WEATHER TIGHT. COLOR AS DIRECTED BY ARCHITECT.

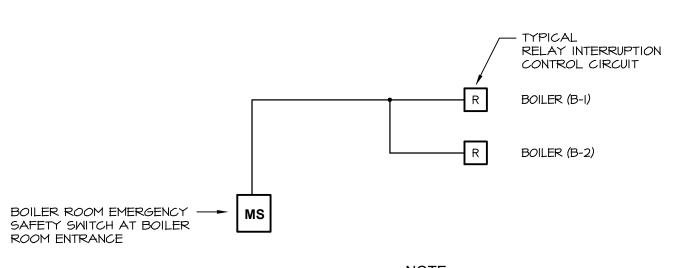


COMPRESSOR/CONDENSER DETAIL

NOT TO SCALE

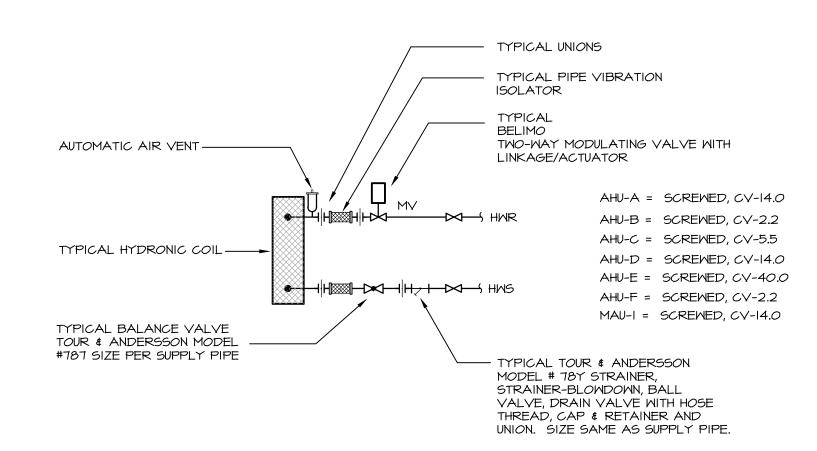






UPON ACTIVATION OF BOILER ROOM EMERGENCY SAFETY SWITCH, POWER TO THE CONTROL CIRCUIT RELAY SHALL BE INTERRUPTED, DE-ENERGIZING THE PRIMARY CONTROL CIRCUIT TO THE BOILERS.

BOILER ROOM EMERGENCY SHUTDOWN STATION SCHEMATIC



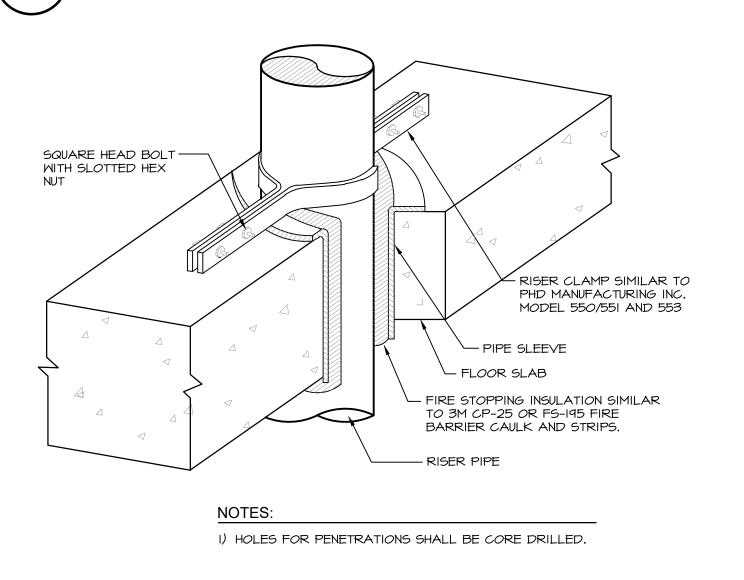
AIR HANDLER/MAU-I HYDRONIC COIL CONNECTION DETAIL

NOT TO SCALE

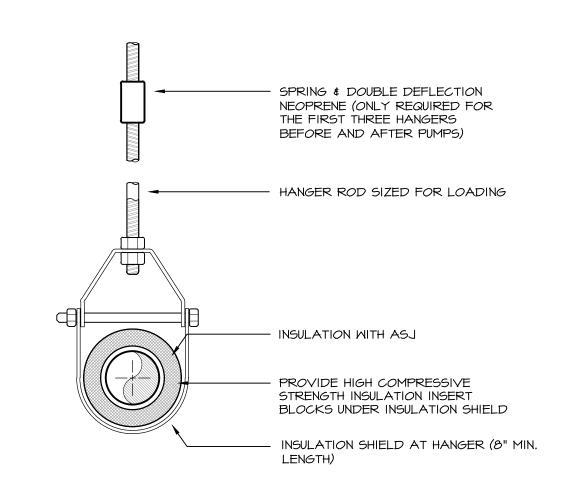
ALL SPACES BETWEEN PIPES AND SLEEVES SHALL BE PACKED FULL DEPTH WITH MINERAL WOOL ROPE, MINERAL WOOL OR OTHER EQUALLY FIRE RESISTIVE MATERIAL (FIBERGLASS SHALL NOT BE USED). SLEEVE CLEARANCES SHALL NOT EXCEED 1/2" BETWEEN PIPES AND SLEEVES. ESCUTCHEON, BOTH SIDES PIPE SLEEVE (CEMENT -- WALL OR PARTITION ANY GAPS BETWEEN SLEEVES WALL)

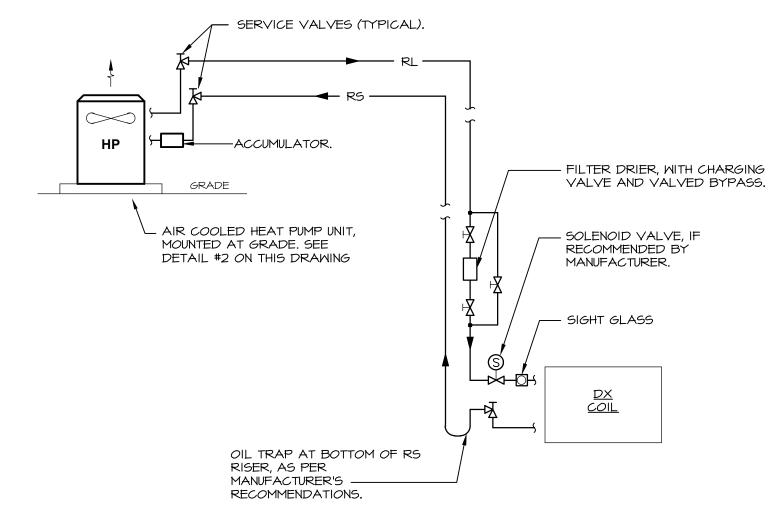
THIS DETAIL ALSO APPLICABLE TO INTERIOR NON-WATER PROOF FLOOR CONSTRUCTION. FOR WATER PROOF FLOOR CONSTRUCTION AND OTHER CONSTRUCTION - SEE SPECIFICATIONS.

FIRE RATED PARTITION AND WALL PENETRATION DETAIL NOT TO SCALE



VERTICAL PIPE SUPPORT DETAIL NOT TO SCALE



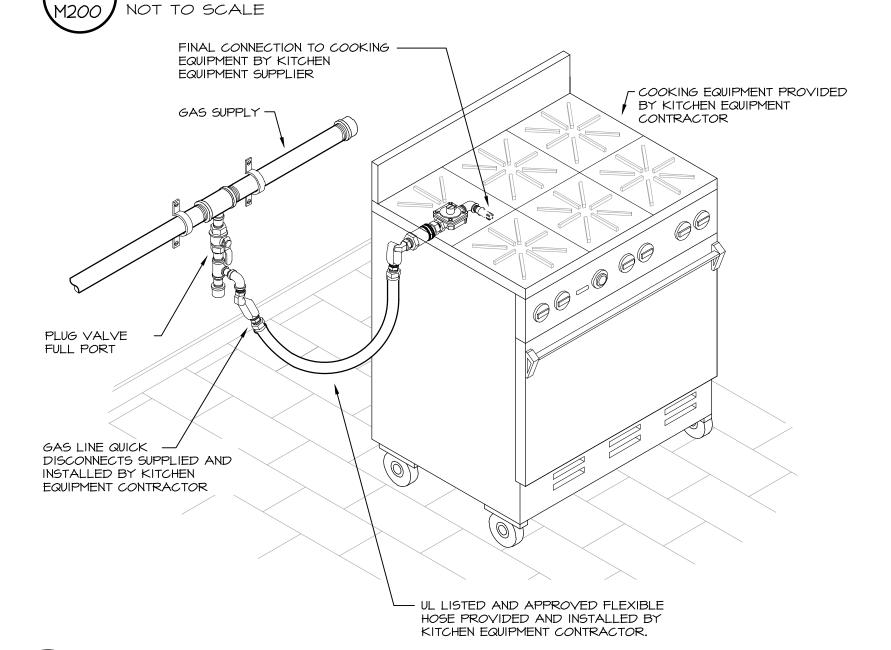


NOTES:

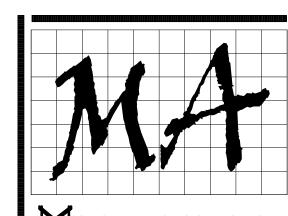
I. PROVIDE TRAPS AS FOLLOWS:

- INSTALL TRAPS AT I/3 INTERVALS. REFRIGERANT PIPING SHALL BE INSTALLED SO THAT THEY WILL NOT OBSTRUCT SERVICE ACCESS TO EITHER THE INDOOR COIL OR CONDENSING UNIT, THE AIR
- HANDLER IN GENERAL OR THE FILTER. 3. SLOPE HORIZONTAL SUCTION LINES APPROX. I" EVERY 20 FEET TOWARD THE CONDENSING UNIT TO FACILITATE OIL RETURN.
- 4. ALL FASTENERS AND SUPPORTS LOCATED OUTDOORS SHALL BE GALVANIZED. 5. PROVIDE RUBBER VIBRATION ISOLATION PADS BETWEEN CONDENSING UNIT AND
- 6. REFRIGERANT PIPE SIZING SHALL BE DETERMINED BY CONTRACTOR AND UNIT MANUFACTURER BASED ON FINAL PIPING LAYOUT AND ROUTING.

REFRIGERANT PIPING SCHEMATIC



QUICK DISCONNECT GAS HOSE ASSEMBLY NOT TO SCALE



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NEW STATION PUTNAM VALLEY

FIRE STATION #1

TO THIS DOCUMENT IS A VIOLATION OF LAW

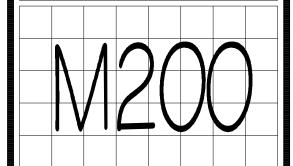
OSCAWANA LAKE ROAD

PUTNAM VALLEY, NEW YORK

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	REVISION HISTORY		
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MECHANICAL: **DETAILS**

SCALE: AS NOTED DWG. BY: KC DWG. DATE: 8/14/2020 STATUS: BID DRAWINGS





NOT TO SCALE

