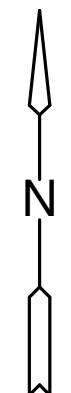


A HVAC PLAN
 1/4" = 1'-0"
 0 1' 2' 4' 8'



KEYED NOTES M2.0

1. INSTALL EXHAUST FAN ON WALL AS SHOWN. PROVIDE AND INSTALL 45° WEATHER HOOD. BOTTOM OF EXHAUST FAN TO BE INSTALLED AT 10'-0" AFF. PROVIDE ALL MANUFACTURER'S CLEARANCES AS REQUIRED. FAN TO BE INTERLOCKED WITH ASSOCIATED LOUVER AS SHOWN ON PLAN.
2. INSTALL LOUVER AS SHOWN ON PLAN. BOTTOM OF LOUVER TO BE INSTALLED 2'-0" AFF. MOTORIZED LOUVER ACTUATOR TO BE INTERLOCKED WITH ASSOCIATED EXHAUST FAN AS SHOWN ON PLAN. SEE SEQUENCE OF OPERATIONS FOR ADDITIONAL INFORMATION.
3. MOUNT BOTTOM OF DSS-1A AT APPROXIMATELY 1'-0" ABOVE DOOR AT THIS LOCATION. ROUTE CONDENSATE FROM UNIT TO OUTDOORS WITH SPLASH BLOCK. COORDINATE EXACT INSTALLATION WITH EXIT SIGN ABOVE DOOR AT THIS LOCATION.
4. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE PAD. MAINTAIN ALL MANUFACTURER'S CLEARANCES. ROUTE REFRIGERANT LINES TO INDOOR UNIT. SEAL BUILDING PENETRATION WEATHER TIGHT. INSULATE LINES FOR SPECIFICATIONS.
5. SUPPORT UNIT HEATER FROM METAL BUILDING STRUCTURE SUCH THAT BOTTOM OF UNIT IS AT 10'-0" AFF. INSTALL PER MANUFACTURER'S REQUIREMENTS. PROVIDE ALL SERVICE CLEARANCES.

SEQUENCE OF OPERATIONS

1. CHLORINATION ROOM
 ENERGIZE EF-1 AND OPEN LOUVER L-1 UPON CALL FOR COOLING AT THERMOSTAT SET AT 85 DEG (ADJ). DE-ENERGIZE EF-1 AND CLOSE LOUVER L-2 WHEN TEMPERATURE IS BELOW 85 DEG (ADJ).

 ENERGIZE EF-1 AND OPEN LOUVER L-1 UPON HYDROGEN ALARM CONDITION INITIATED BY CHLORINATION PROCESS EQUIPMENT. COORDINATE WITH CHLORINATION EQUIPMENT FOR AUXILIARY CONTACTS AT ALARM CONDITION. DE-ENERGIZE EF-1 AND CLOSE LOUVER L-1 WHEN ALARM CONDITION CEASES.

 CYCLE FAN AND ENERGIZE HEAT AT EUH-2 UPON CALL FOR HEATING AT INTEGRAL THERMOSTAT SET AT 50 DEG (ADJ).
2. PUMPS ROOM
 ENERGIZE EF-2 AND OPEN LOUVER L-2 UPON CALL FOR COOLING AT THERMOSTAT SET AT 85 DEG (ADJ). DE-ENERGIZE EF-2 AND CLOSE LOUVER L-2 WHEN TEMPERATURE IS BELOW 85 DEG (ADJ).

 CYCLE FAN AND ENERGIZE HEAT AT EUH-1 UPON CALL FOR HEATING AT INTEGRAL THERMOSTAT SET AT 50 DEG (ADJ).
3. MCC
 DSS-1A SHALL CYCLE COOLING AND HEATING AS NECESSARY TO MAINTAIN THERMOSTAT TEMPERATURE SETTINGS ADJUSTED BY OWNER.



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CITY OF WICHITA, KANSAS
RE-USE WATER PUMP STATION
 TO SERVE SPIRT AEROSYSTEMS

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HVAC PLAN

PROJECT NO.	468-85112	
DATE	04/18/16	
SCALE	AS NOTED	
DESIGNED	DRAWN	CHECKED
RLB	MSS	RLB

0	ISSUED FOR CONSTRUCTION	04/18/16
NO.	REVISION	DATE

SHEET NO.

M2.0

