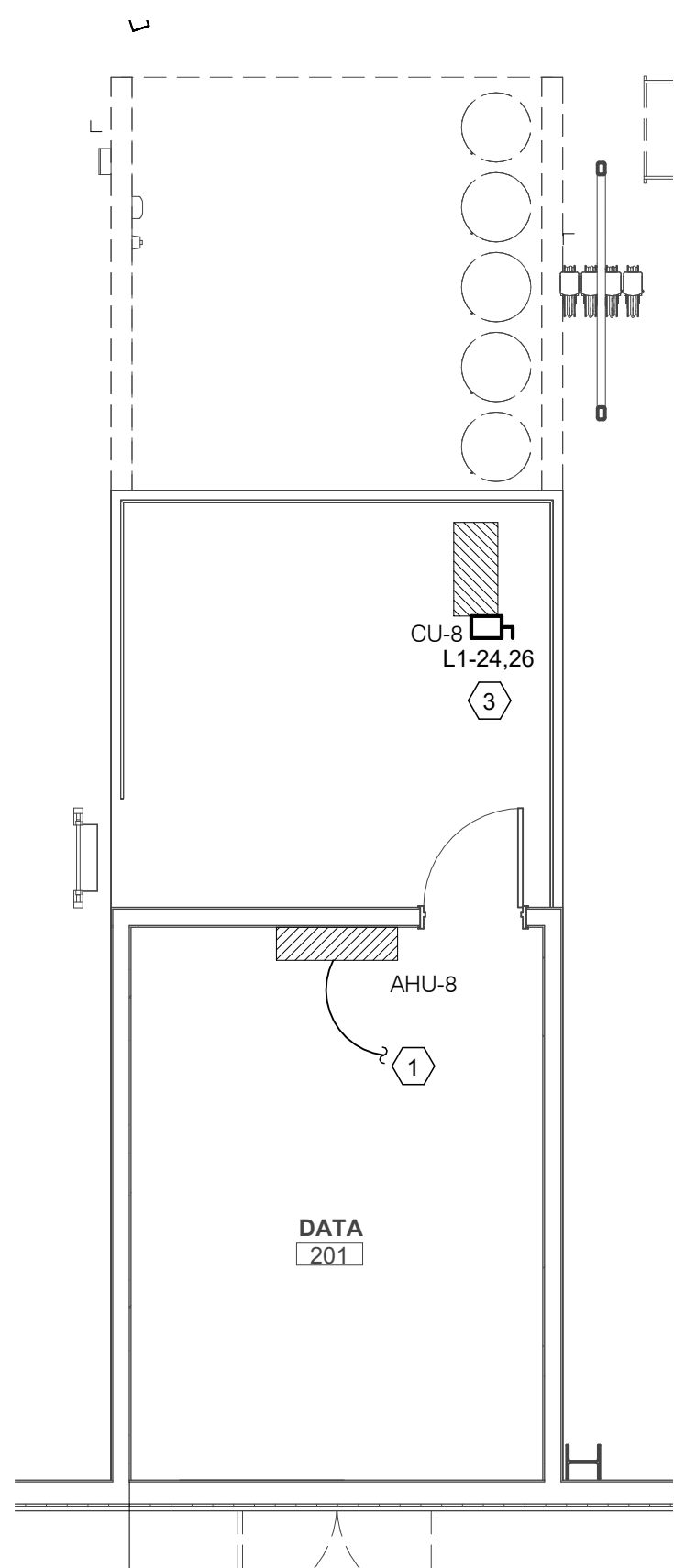


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3 ENLARGED HVAC POWER PLAN - SHOP DATA
3/16" = 1'-0"

HVAC POWER KEYNOTES:

- 1 INDOOR UNIT POWERED BY OUTDOOR UNIT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONTROL WIRING RACEWAY (1" UNLESS OTHERWISE NOTED) BETWEEN MINI-SPLIT CASSETTE AND MINI-SPLIT CONDENSING UNIT AS REQUIRED BY MINI-SPLIT MANUFACTURER.
- 2 MOUNT RECEPTACLE ADJACENT TO RECIRC PUMP. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT TERMINATION REQUIREMENTS.
- 3 REFER TO SAFETY SWITCH SCHEDULE. COORDINATE ALL TERMINATION REQUIREMENTS TO UNIT WITH MECHANICAL CONTRACTOR.
- 4 CIRCUIT EXHAUST FAN WITH LIGHTING THIS SPACE. PROVIDE 277V TO 120V TRANSFORMER AT EACH UNIT. CONTROLLED VIA OCCUPANCY SENSOR (PROVIDED BY MECHANICAL; INSTALLED BY ELECTRICAL). REFER TO MECHANICAL PLANS AND COORDINATE WITH MECHANICAL.
- 5 MAINTAIN NEC WORKING CLEARANCES. COORDINATE WITH MECHANICAL CONTRACTOR ON UNIT PLACEMENT & ALL ASSOCIATED REFRIGERANT LINE ROUTING.
- 6 MOUNT DISCONNECT SWITCH ON ROOF MOUNTED FREE STANDING RACK ADJACENT UNIT. SEE DETAIL. PROVIDE WP / GFI RECEPTACLE ON SAME RACK. CONNECT WP / GFI RECEPTACLE TO NEAREST AVAILABLE UNSWITCHED 120V CIRCUIT.
- 7 MOUNT DISCONNECT SWITCH ON ROOF MOUNTED FREE STANDING RACK ADJACENT UNIT. SEE DETAIL.

HVAC POWER GENERAL NOTES:

- PRIOR TO ORDER OF ANY ELECTRICAL GEAR, COORDINATE THE REQUIRED SIZE OF ALL CIRCUIT BREAKERS FEEDING EQUIPMENT. (I.E. MOTORS, HVAC, KITCHEN EQUIPMENT, SPECIAL PURPOSE OUTLETS, ELEVATORS, OWNER FURNISHED EQUIPMENT ETC.) WITH APPROVED EQUIPMENT SHOP DRAWINGS AND OWNER REPRESENTATIVES. BREAKERS SHALL BE SIZED PER THE NEC, THE EQUIPMENT NAME PLATE AND MANUFACTURERS RECOMMENDATIONS.
- ALL CIRCUIT BREAKER SERVING CONDENSING UNITS SHALL BE HACR RATED.
- PROVIDE METALLIC WATERPROOF WHIPS TO CONDENSING UNITS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONTROL WIRING RACEWAY (1" UNLESS OTHERWISE NOTED) BETWEEN MINI-SPLIT CASSETTE AND MINI-SPLIT CONDENSING UNIT AS REQUIRED BY MINI-SPLIT MANUFACTURER.
- MAINTAIN ALL NEC REQUIRED CLEARANCES AT ELECTRICAL GEAR LOCATED IN MECH ROOMS AND YARDS.
- PROVIDE NEUTRAL CONDUCTOR FOR EACH TWO POLE AND THREE POLE MECHANICAL CIRCUIT TO EQUIPMENT FOR CONTROLS AND SUPPLEMENTAL SINGLE PHASE CONNECTIONS.

HORIZONTAL SUPPORTS AS REQUIRED

GALVANIZED
STEEL ANGLE
IRON HOT DIP
GALVANIZED
AFTER ASSEMBLY

2-1/2" x 2-1/2" x 1/4" ANGLE
SUPPORTS WELDED.

BOLT RACK TO
TOP OF CURB.
SOLDER BOLT
HEADS TO CURB.
MAX. 12" O.C.

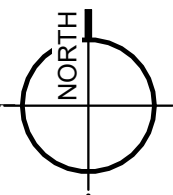
CURB W/CANT
4" LONG.

VERTICAL SUPPORTS
MAXIMUM 4'-0" APART

ALL WORK SHALL BE
PERFORMED IN ACCORDANCE
WITH ROOFING SYSTEM
MANUFACTURER'S
REQUIREMENTS

4 ROOF MOUNTED UNISTRUT DETAIL
N.T.S.

1 ENLARGED HVAC POWER PLAN - PARTS MEZZANINE
3/16" = 1'-0"



NEW CONSTRUCTION
FOR
FORD PRO
MIKE WILLIS
2010 PATTON ST.

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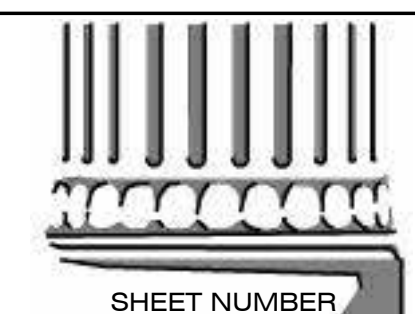
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25012

PROJECT MANAGER
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SHEET NUMBER

E-304
2ND FLOOR ENLARGED
HVAC POWER PLAN



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