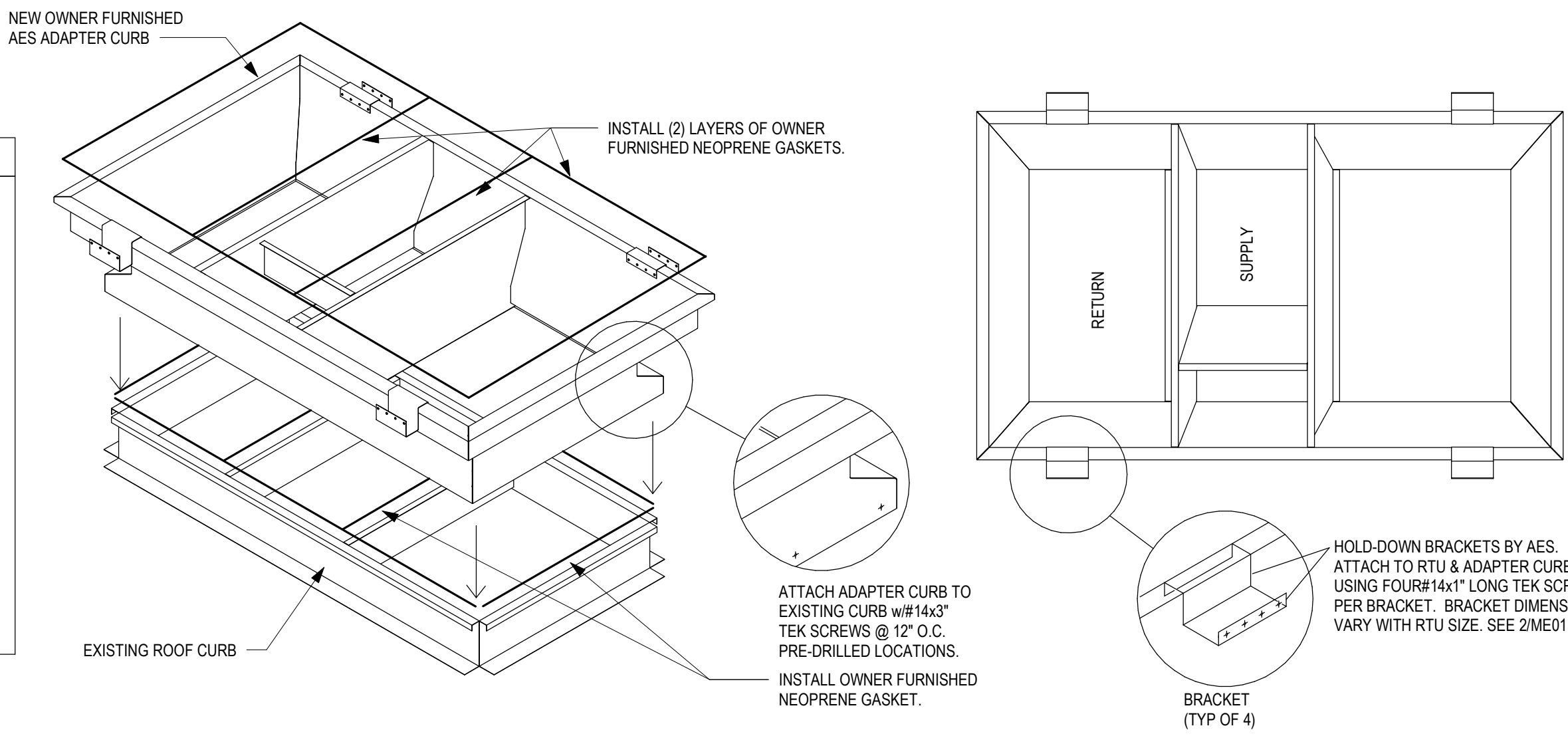
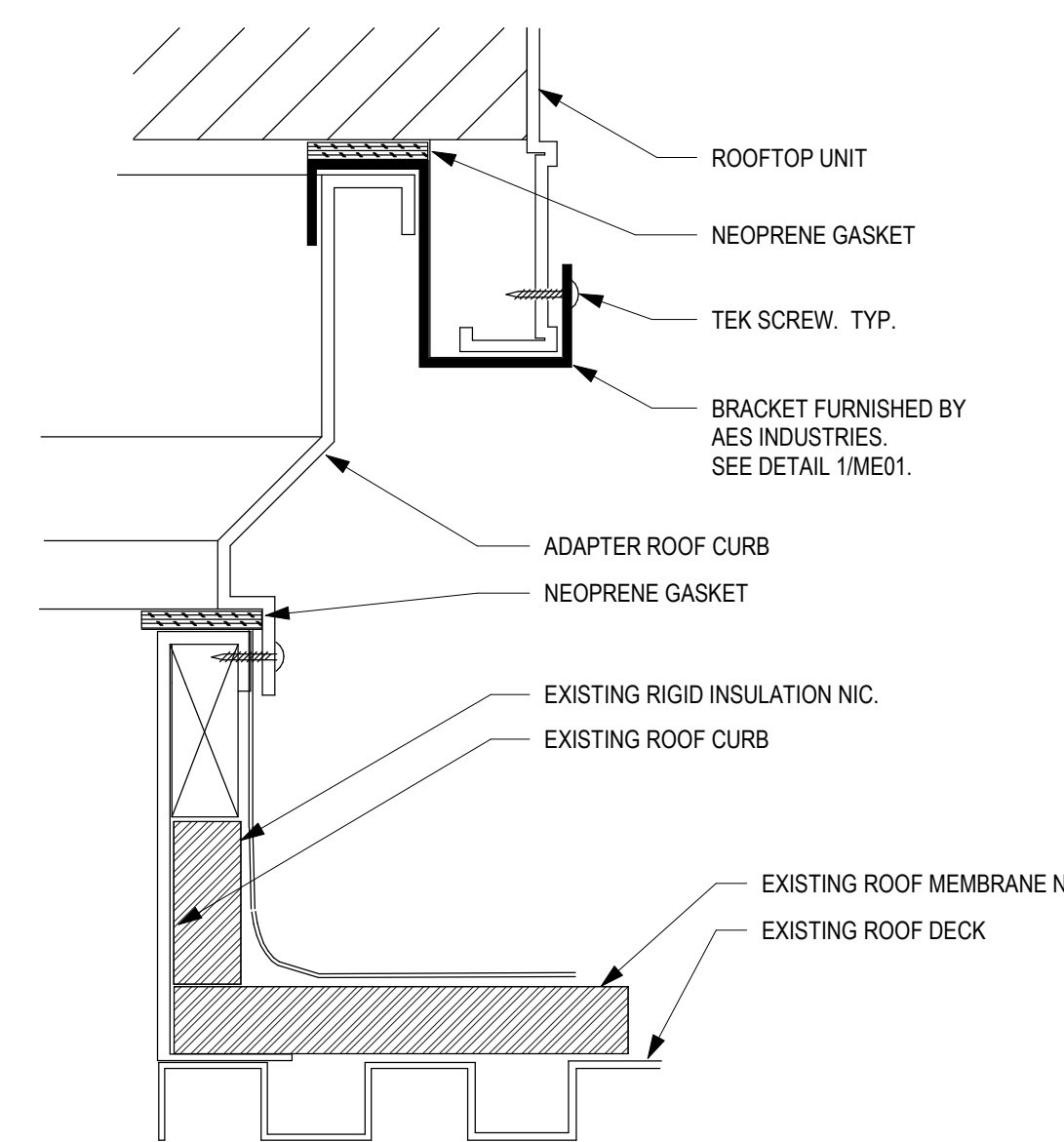


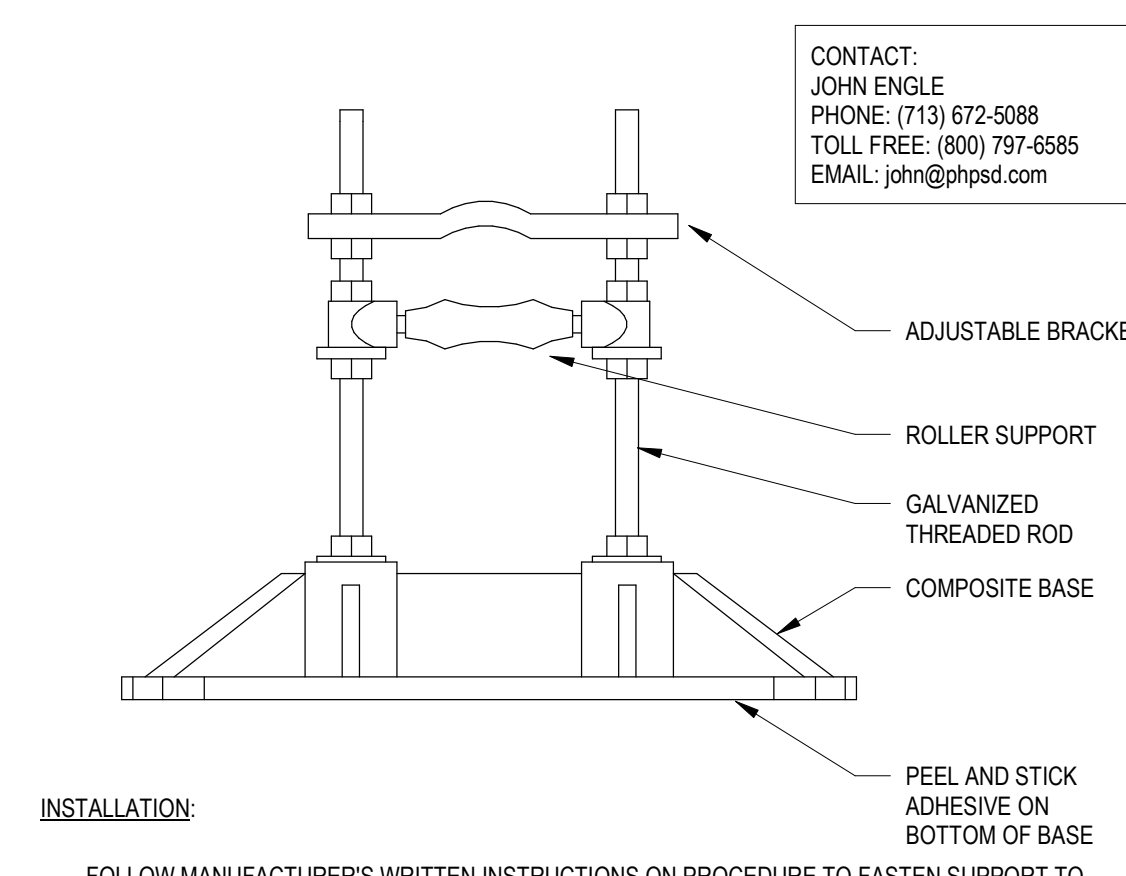
- AES ADAPTER CURB INSTALLATION:**
- REMOVE ALL CONNECTIONS TO EXISTING RTU PRIOR TO LIFTING.
 - CAREFULLY REMOVE EXISTING RTU (DO NOT DAMAGE ROOF CURB).
 - INSTALL OWNER FURNISHED NEOPRENE GASKETS TO ALL EXISTING ROOF CURB FLANGES AND RAILS.
 - PLACE NEW ADAPTER CURB OVER EXISTING ROOF CURB AS SHOWN. SEAL ALL AIR IMPACTED SURFACES SUCH AS GAPS BETWEEN ADJACENT SUPPLY RETURN RAILS.
 - ATTACH ADAPTER CURB TO EXISTING ROOF CURB WITH #14X1" LONG SELF TAPPING SCREWS (w/ GASKETS).
 - INSTALL OWNER FURNISHED NEOPRENE GASKET TO ADAPTER CURB FLANGES AND SUPPLY/RETURN AIR RAILS.
 - INSTALL NEW RTU PER MANUFACTURERS RECOMMENDATIONS.



1 RTU ADAPTER CURB INSTALLATION DETAIL (TYPICAL)
ME01 NOT TO SCALE

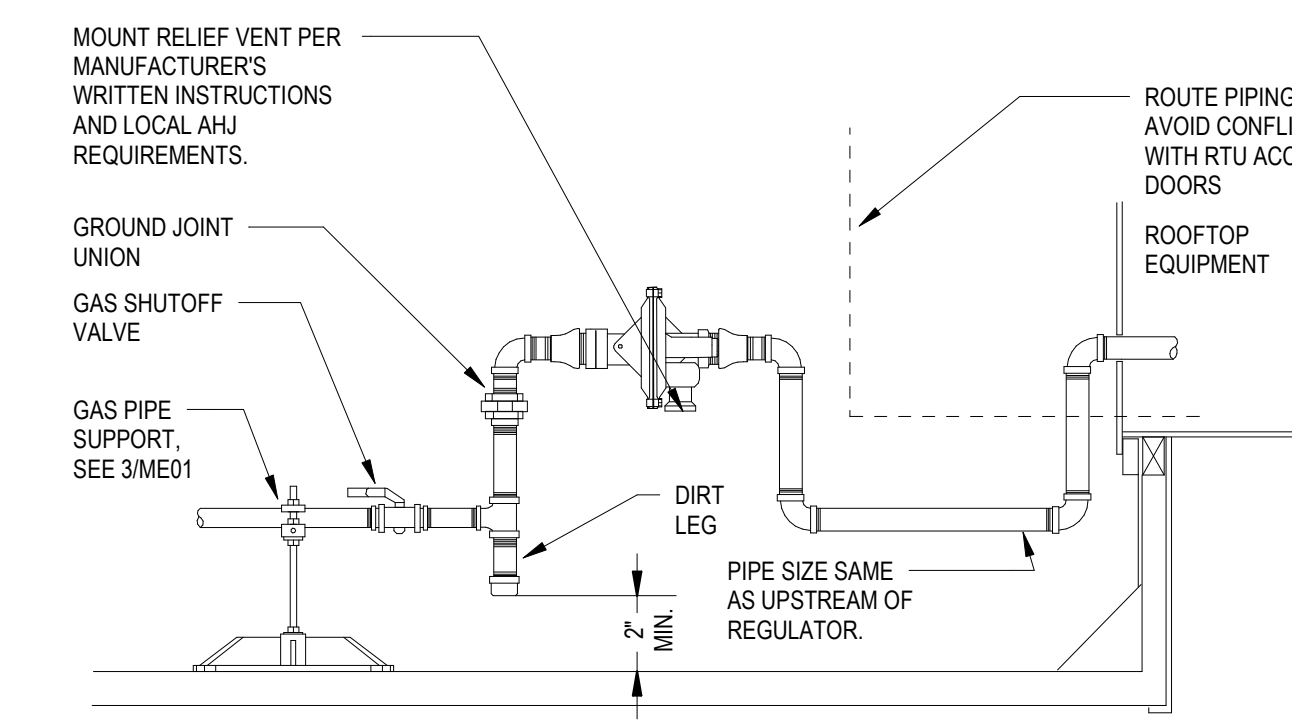


2 RTU HOLD-DOWN BRACKET INSTALLATION DETAIL
ME01 NOT TO SCALE



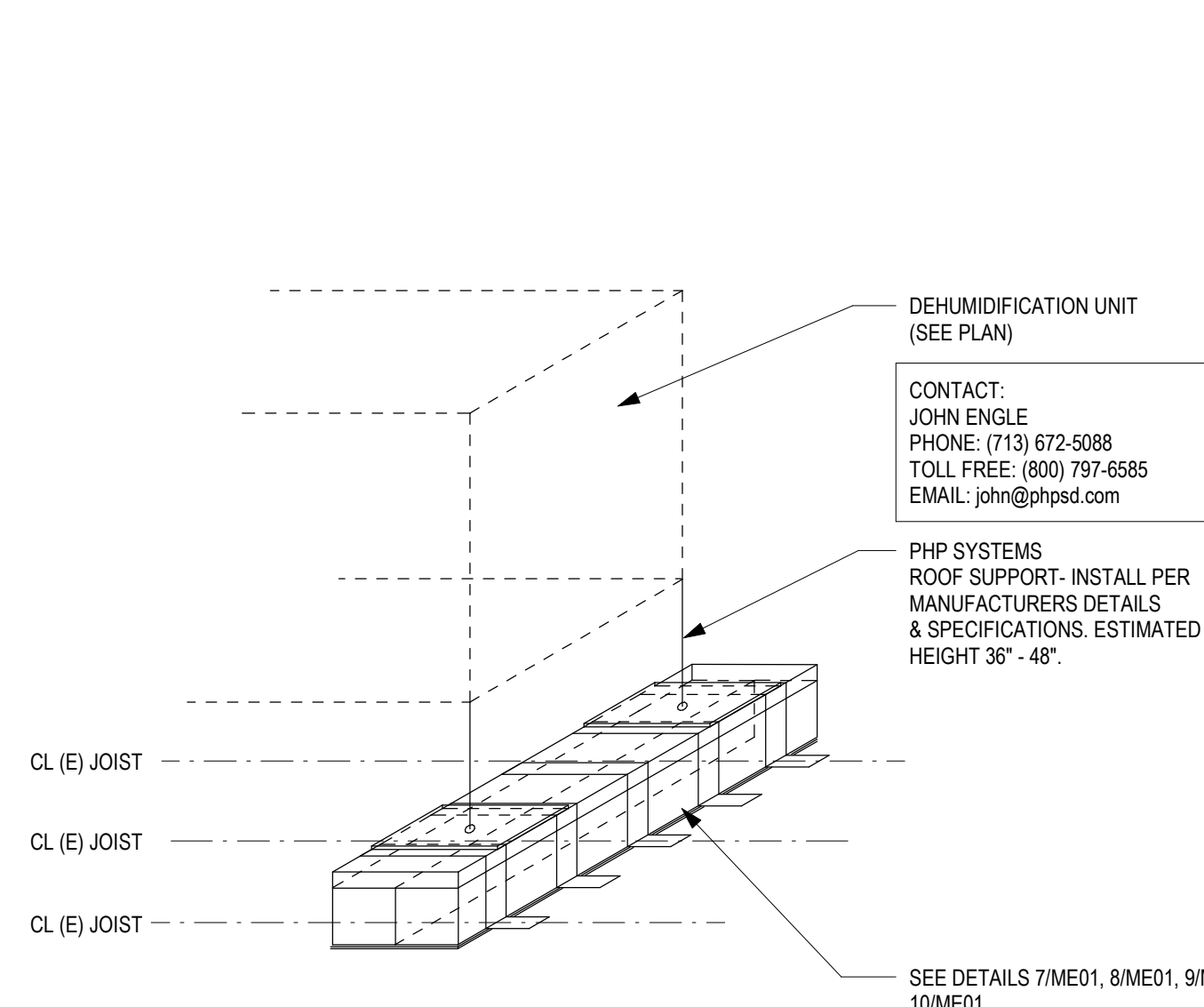
INSTALLATION:
FOLLOW MANUFACTURERS WRITTEN INSTRUCTIONS ON PROCEDURE TO FASTEN SUPPORT TO ROOF MEMBRANE.
REFER TO SPECIFICATION SECTION 20 0500 FOR PIPE SUPPORT SPACING BASED ON PIPE SIZE AND MATERIAL.
PROVIDE PROPER ROLLER SUPPORT MATERIAL FOR COPPER PIPING TO AVOID CORROSION DUE TO DISSIMILAR METALS.

3 ROOF-MOUNTED PIPE SUPPORT
ME01 NOT TO SCALE

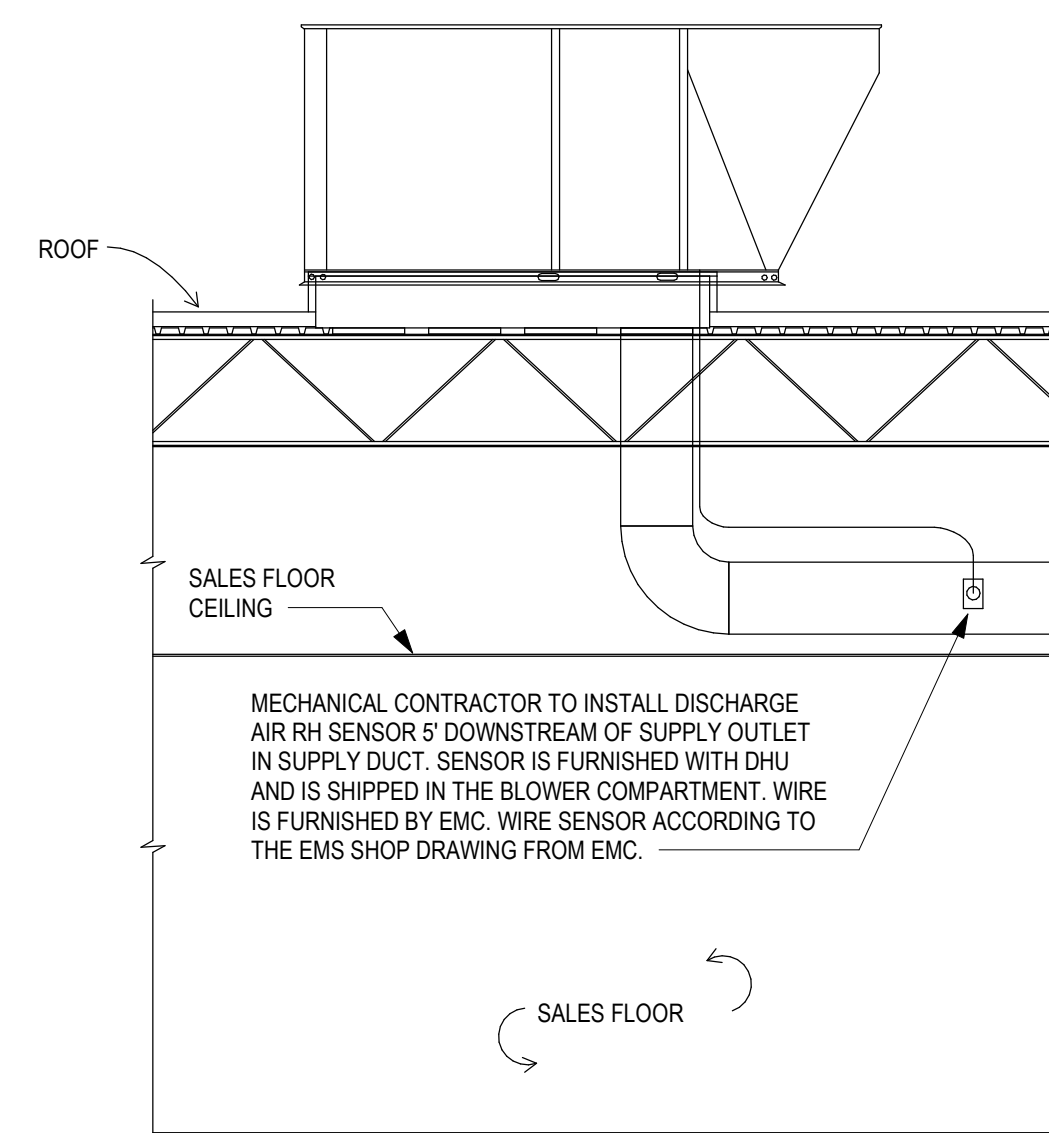


NOTES:
1. REGULATOR PROVIDED BY CONTRACTOR.
2. INSTALL REGULATOR A MINIMUM 4'-0" FROM UNIT EXHAUST FLUE.
3. PROVIDE PIPE TRANSITION IF REGULATOR CONNECTION DIFFERS FROM GAS PIPE SIZE.
4. PAINT NEW GAS PIPE YELLOW IF REQUIRED BY LOCAL CODE. IF EXISTING GAS PIPING OR FITTINGS ARE PAINTED, PAINT NEW GAS PIPING TO MATCH.

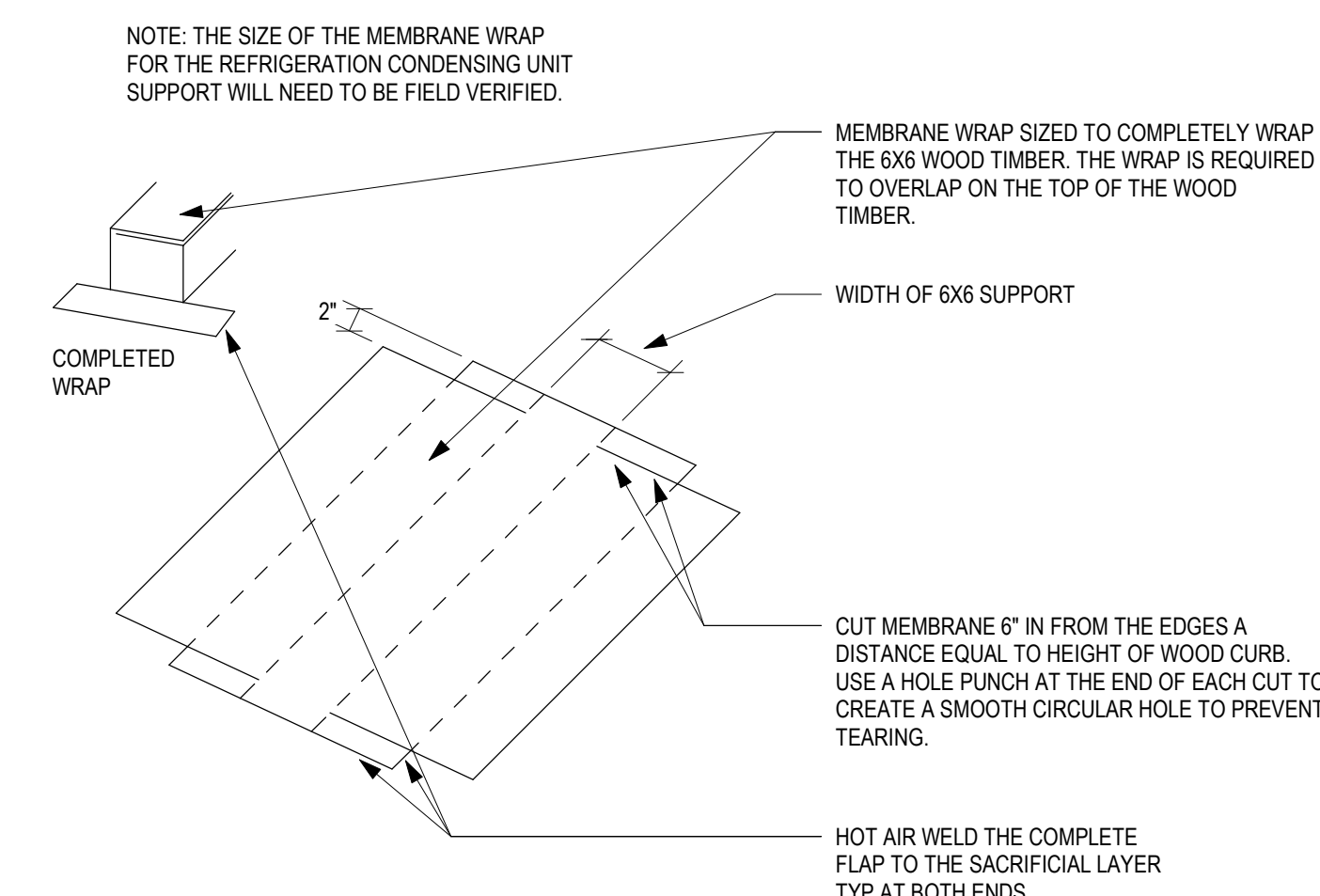
4 GAS CONNECTION FOR ROOF TOP EQUIPMENT
ME01 NOT TO SCALE



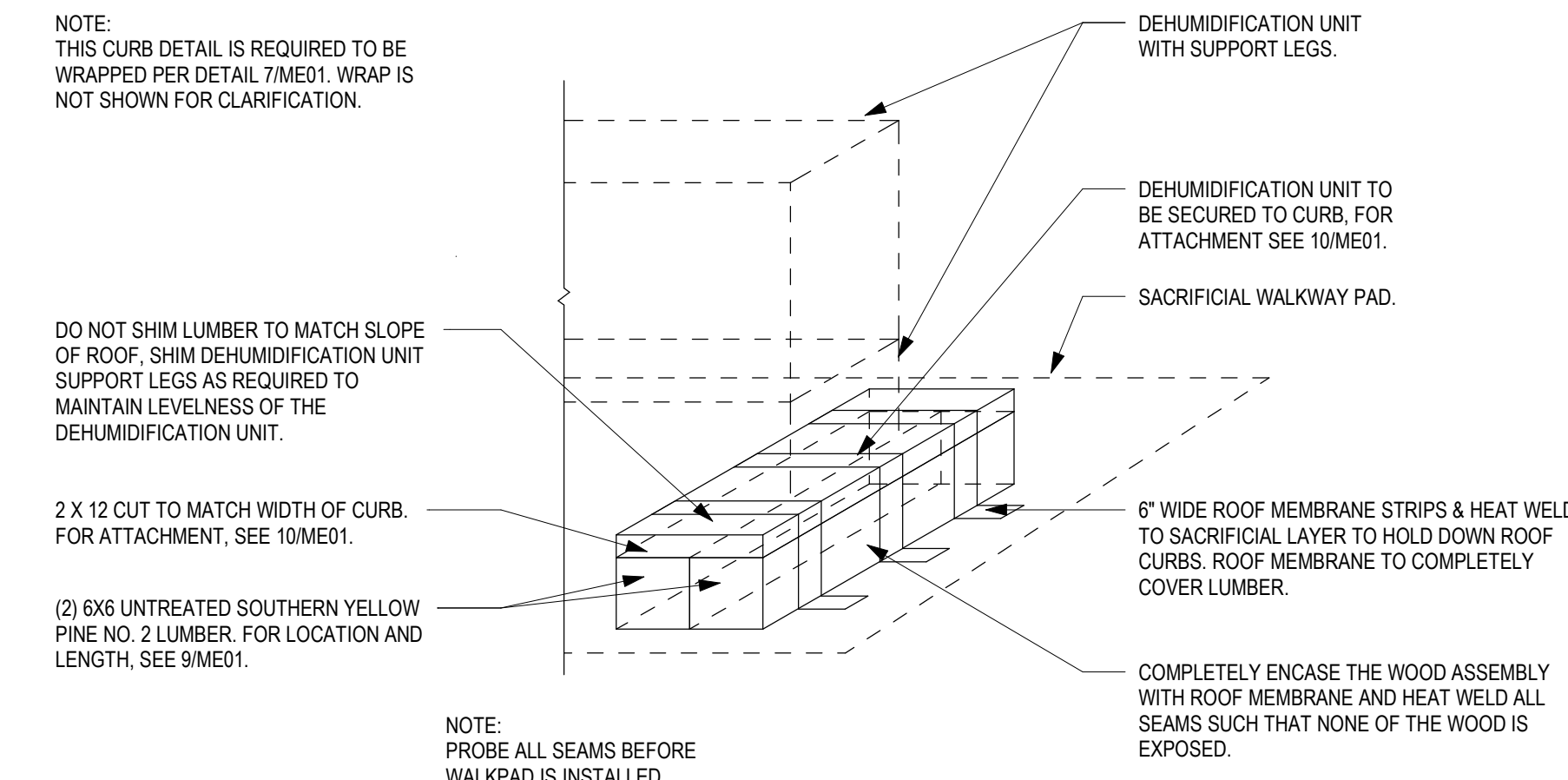
5 DHU SUPPORT AT CONDENSER
ME01 NOT TO SCALE



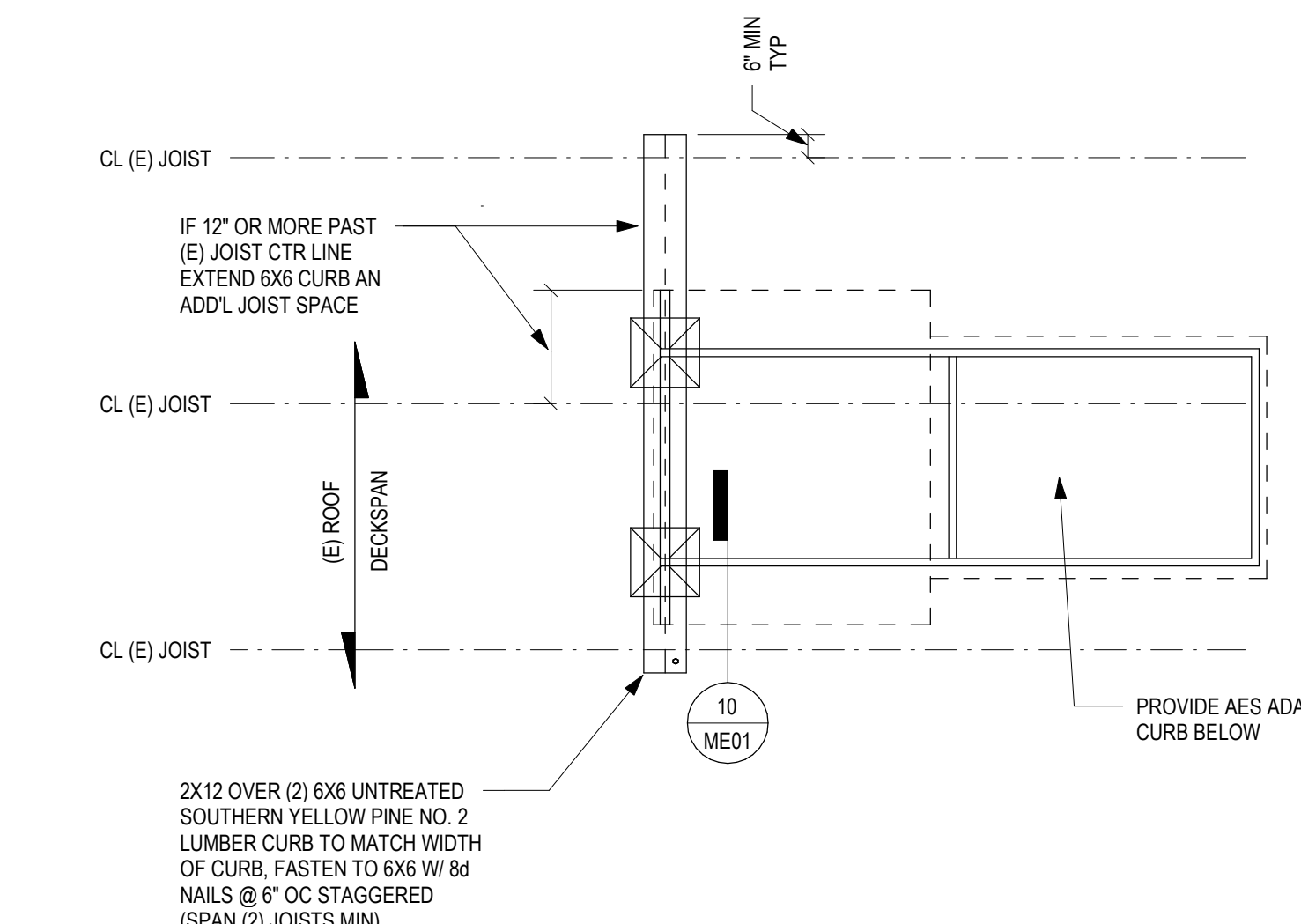
6 DISCHARGE AIR SENSOR AT DHU
ME01 NOT TO SCALE



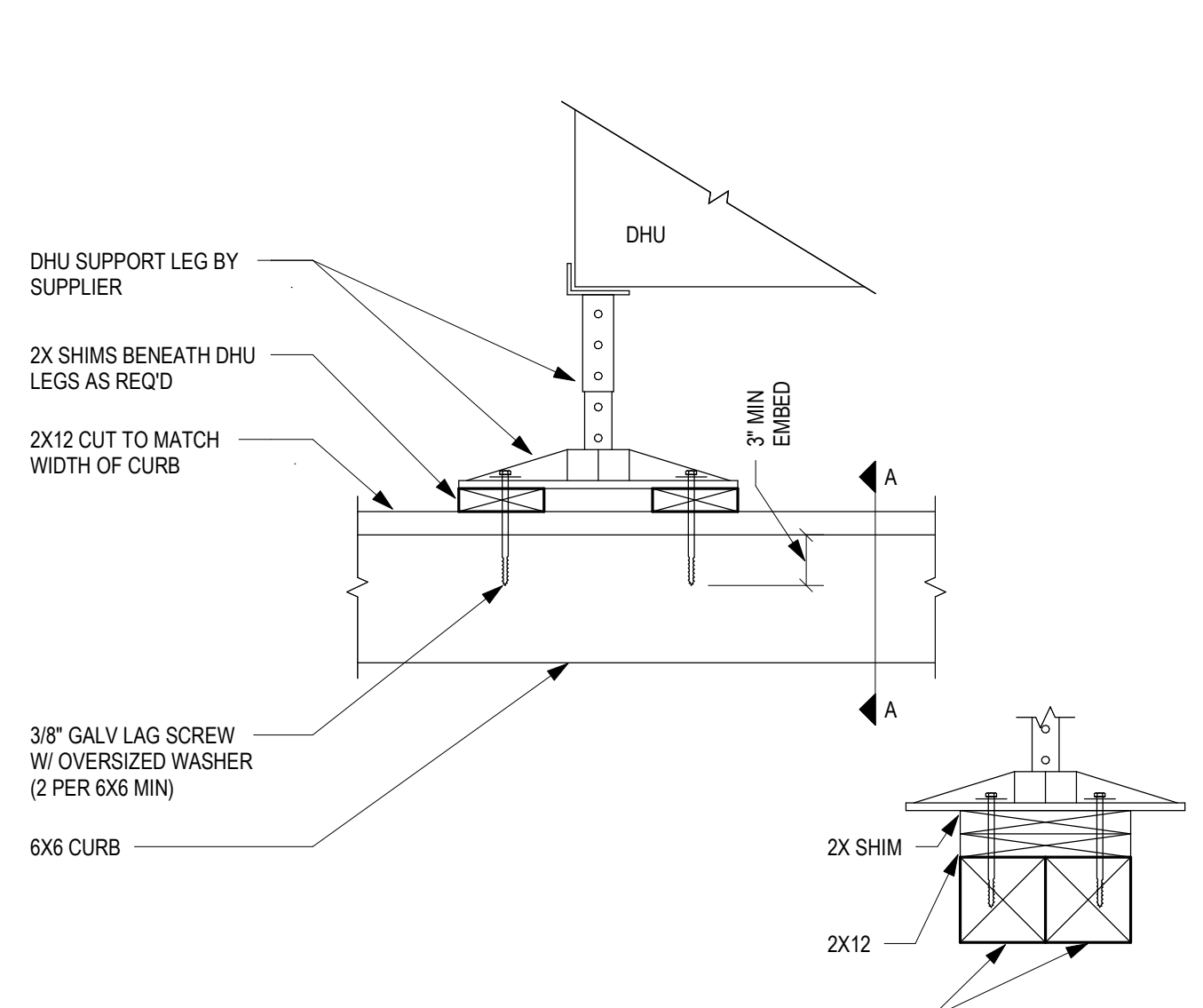
7 MEMBRANE AT CONDENSING UNIT DETAIL
ME01 NOT TO SCALE



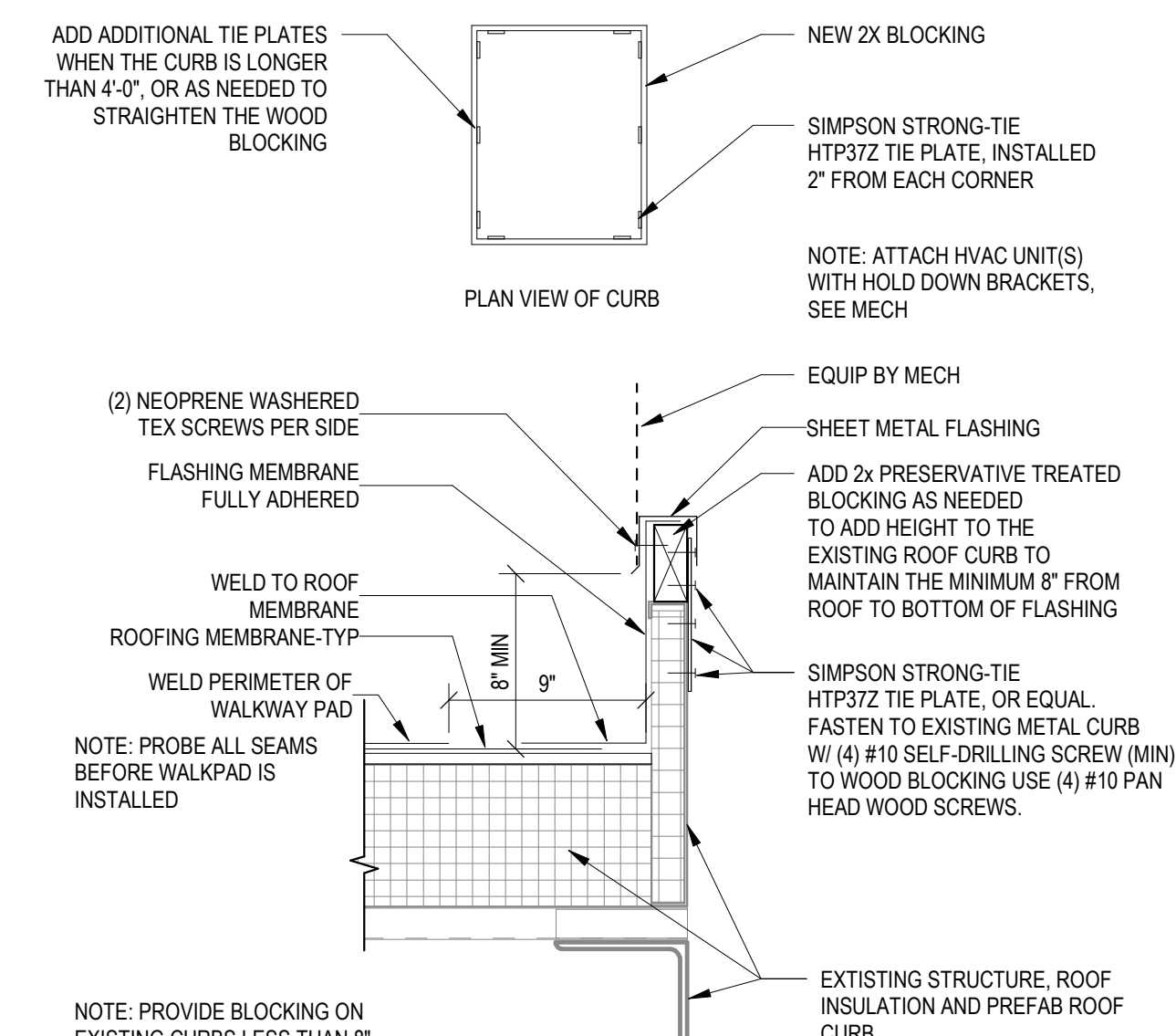
8 DEHUMIDIFICATION UNIT LEG SUPPORT DETAIL
ME01 NOT TO SCALE



9 DHU SUPPORT DETAIL
ME01 NOT TO SCALE



10 DHU CURB DETAIL
ME01 NOT TO SCALE



11 EXTEND EXISTING ROOF CURB
ME01 NOT TO SCALE

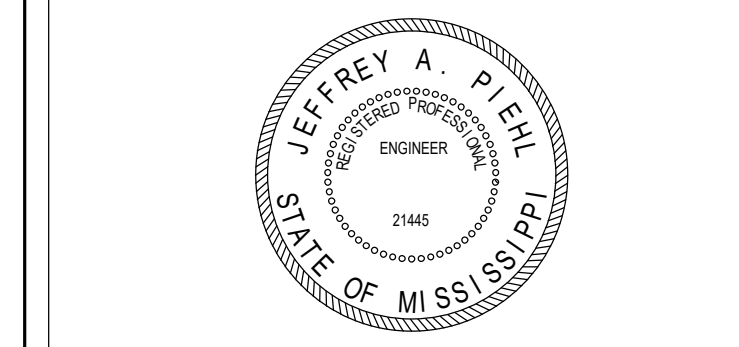
EOL HVAC EQUIPMENT RESPONSIBILITY MATRIX															
EQUIPMENT	SPECIFIED MFR	FURNISH BY	DELIVERY SCHEDULE	INSTALL BY	ELECTRICAL CONNECTION	EQUIPMENT START UP	SMOKE DETECTOR	EMS CABLE	SPACE SENSORS & CABLE	EMS CONTROL HARDWARE	TEST & BALANCING	ALARMS COORDINATION	SYSTEMS O&M	REFRIGERANT ASSET TAGGING	REMOTE CHECKOUT
(N) RTU & DHU (ROOFTOP UNIT)	ADDISON	OWNER	MECH	MECH	NA	MECH	INSTALL BY ALARMS WIRE TO RTU BY ELEC. TERMINATION @ RTU. MECH TERMINATION @ DETECTOR & FA PANEL. ALARMS	FURNISHED BY OWNER'S EMS	INSTALLED BY MECH	FACTORY INSTALLED	MECH	MECH	OWNER'S O&M	MECH	MECH
(N) ROOFTOP CURB ADAPTERS	AES	OWNER	MECH	MECH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

MECHANICAL CONTRACTOR SHALL ACT AS PRIME (GENERAL CONTRACTOR) AND SUBCONTRACT TO TRADES NOTED IN MATRIX. TAB SERVICES TO BE SUBCONTRACTED TO TARGET APPROVED CONTRACTOR. FIRE ALARM SERVICES TO BE SUBCONTRACTED TO TARGET APPROVED FA CONTRACTOR.

ADDISON DOAS DHU SCHEDULE	
STORE NUMBER	2442
UNIT NUMBER	DHU-07 & 14
Manufacturer	Addison
Model	PROA
Description	Package Unit - DOAS
Unit Size	420
Airflow	4200
Unit Nomenclature	PROA 420 C4
QACFM	4200
TSP	1.84
ESP	1.00
Fan RPM	2285
Fan Motor BHP	2.53
COOLING	
EAT DB	91.5
LAT WB	79.9
LAT DB	49.9
LAT WB	49.5
Net Sensible Capacity	189.5
Net Total Capacity	436.4
Gross Sensible Cap	195.9
Gross Total Cap	442.8
Air PD	0.36
Evaporator Rows	6
FEER	14.6
HEATING	
EAT DB	19.5
LAT DB	72.4
FUEL	N6
INPUT (MBH)	300
OUTPUT (MBH)	240
Unit Operating Weight (lbs)	2950
Unit MCA	70.8
Unit MFS	90
Unit Voltage	460-3-60

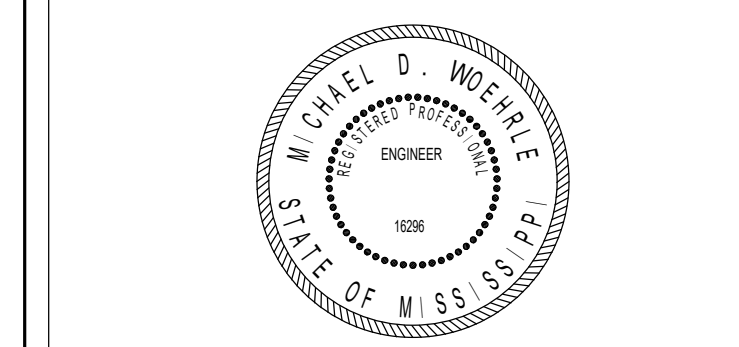
MECHANICAL SYMBOLS	
SYMBOL	DESCRIPTION
	GAS SHUTOFF VALVE
	PRESSURE REGULATOR
	NATURAL GAS
	CONNECT TO EXISTING OR SYSTEMS PROVIDED BY N.C.
	OWNER FURNISHED EQUIPMENT SYMBOL
	MECHANICAL EQUIPMENT TAG
	BALANCING DAMPER
	THERMOSTAT OR TEMPERATURE SENSOR
	TEMPERATURE & HUMIDITY SENSOR
	CO2 SENSOR
	EXISTING EQUIPMENT
	NEW EQUIPMENT

NOTE: NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS.



DATE: 11/01/22 EXP: 12/31/22

Date	No.	Description
11/01/2022	2023	DOAS



DATE: 11/01/22 EXP: 12/31/23



Project Number T-2442

Config: LL
Drawn By DJ
Checked By MDW

MECHANICAL & ELECTRICAL SCHEDULES & DETAILS

ME01