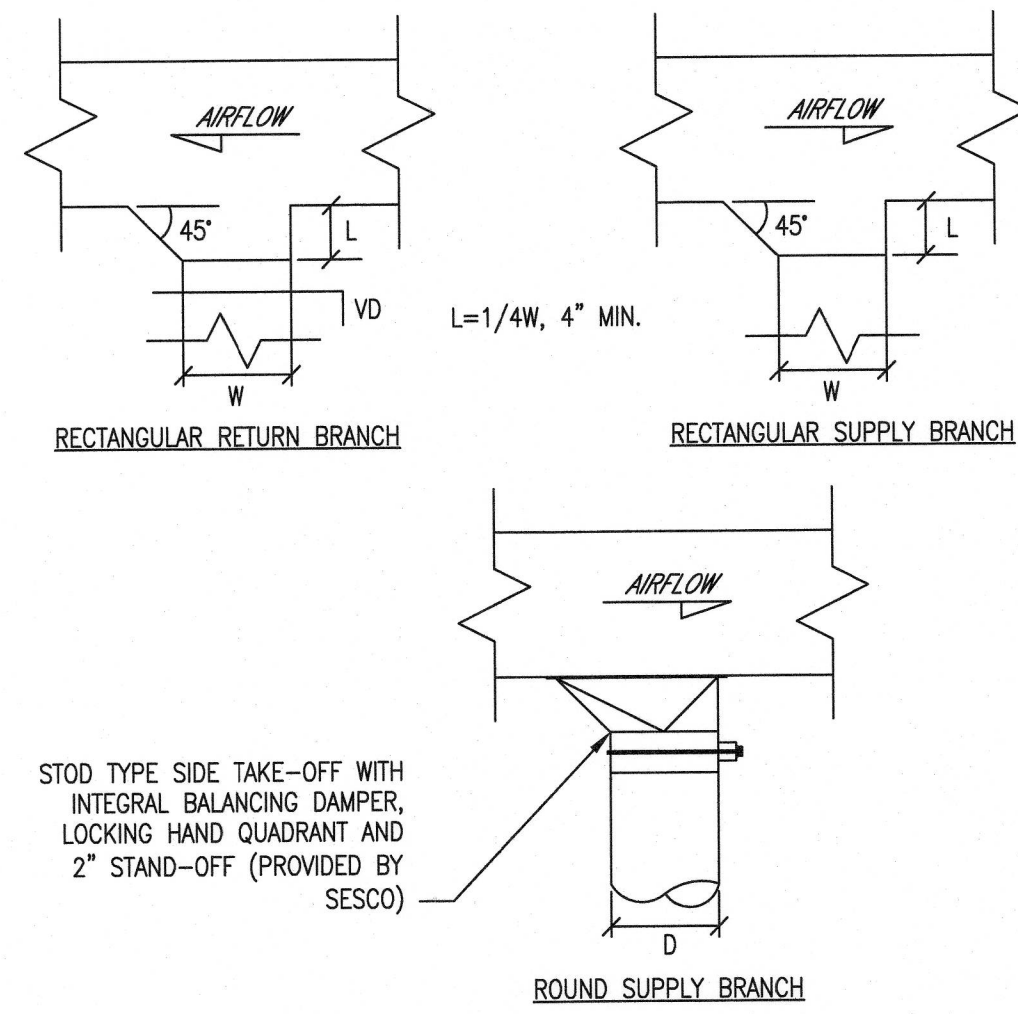
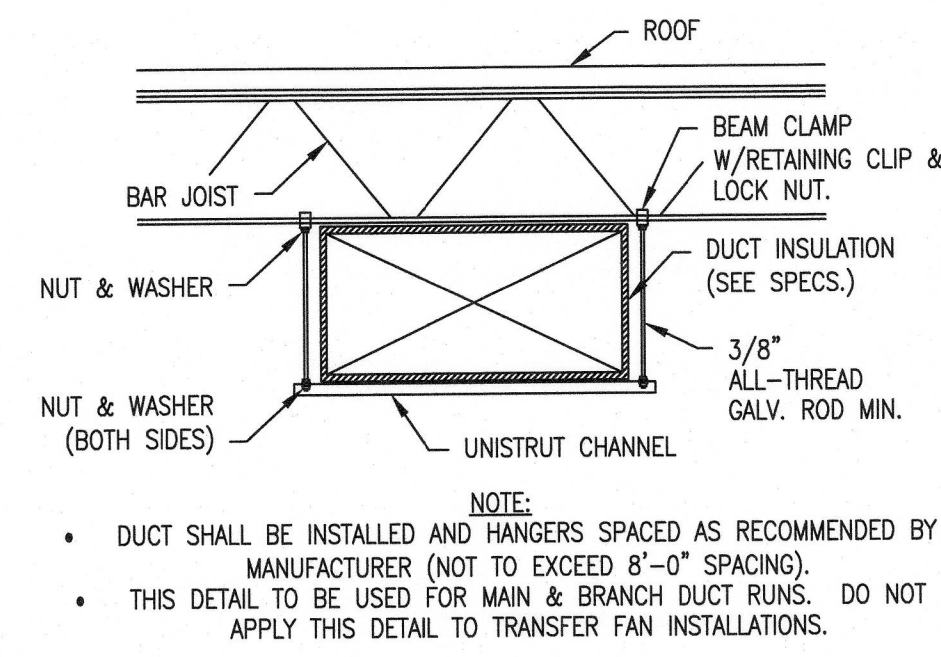


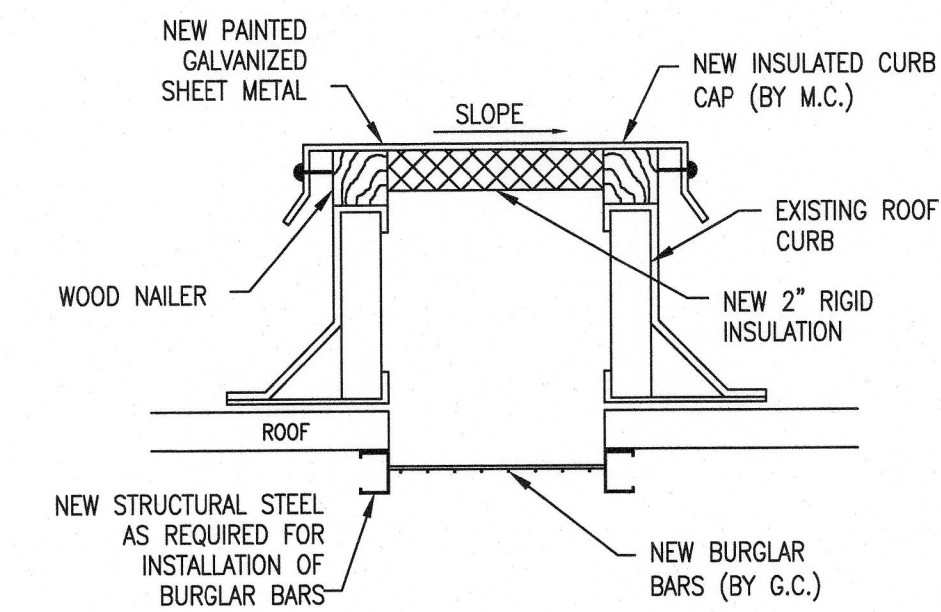
1 SUPPLY DIFFUSER INSTALLATION DETAIL
M5.01 SCALE: NOT TO SCALE



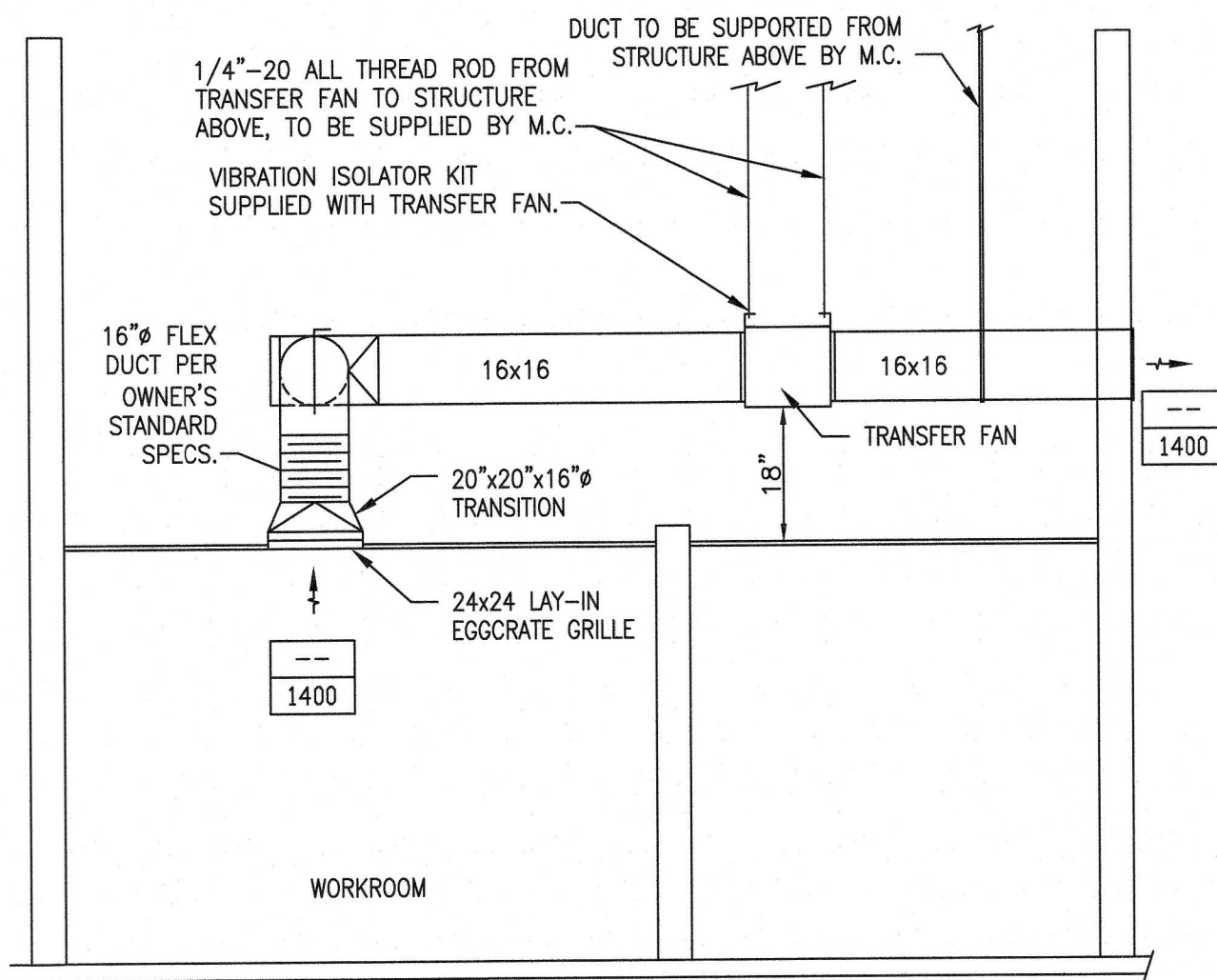
2 TYPICAL DUCT BRANCH TAKEOFF
M5.01 SCALE: NOT TO SCALE



3 RECTANGULAR DUCT HANGER DETAIL
M5.01 SCALE: NOT TO SCALE

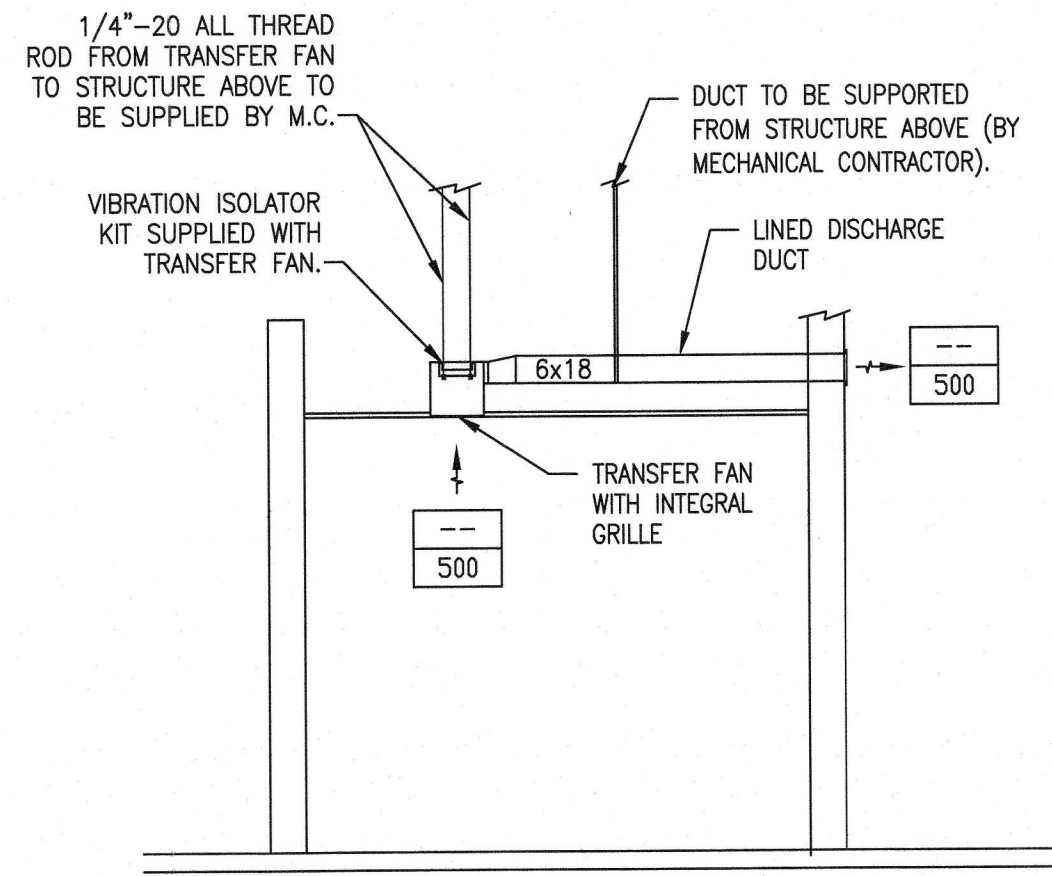


4 WEATHERPROOF INSULATED CURB CAP DETAIL
M5.01 SCALE: NOT TO SCALE



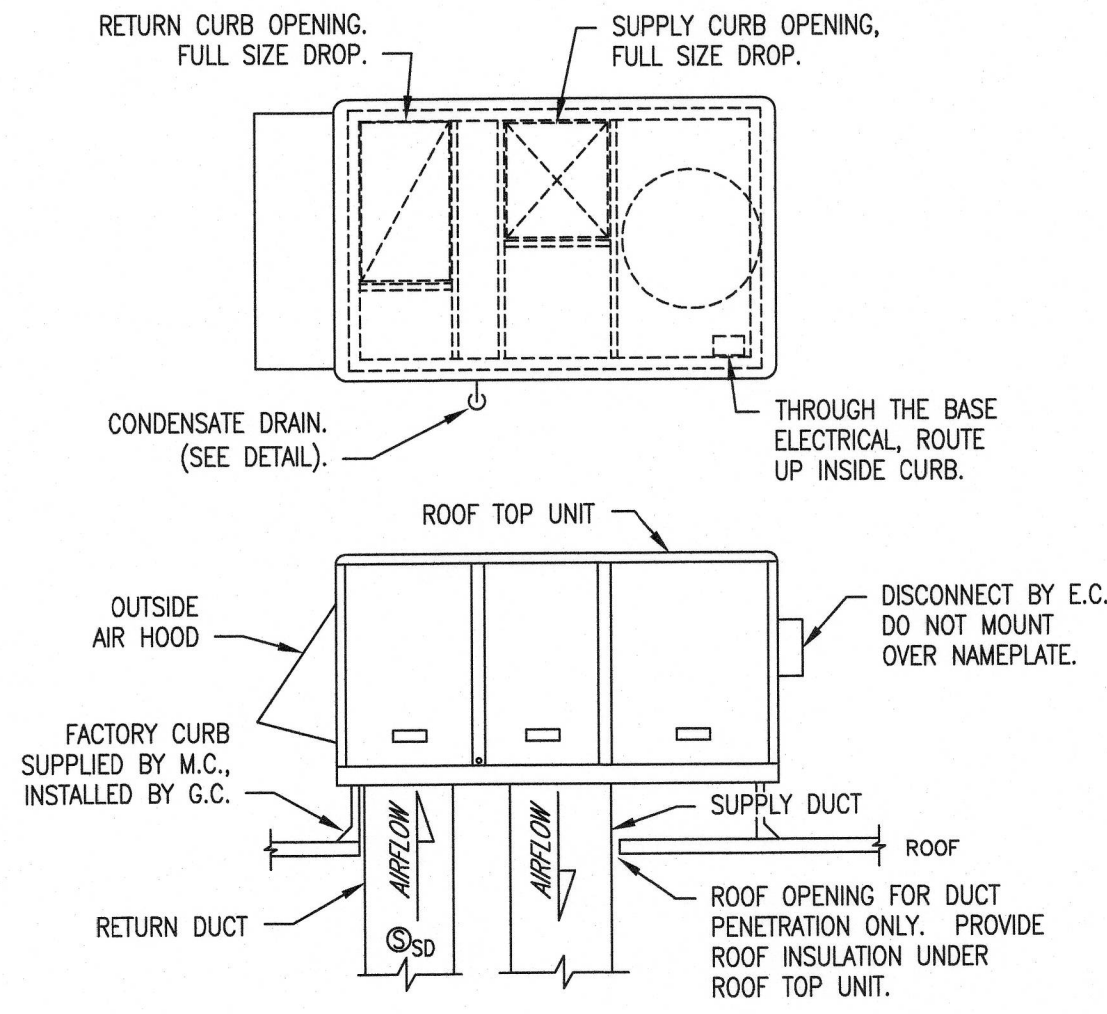
- NOTE:
- TRANSFER FAN TO BE WIRED TO WORKROOM LIGHTING CIRCUIT. ENSURE THAT THE WORKROOM LIGHTING CIRCUIT IS ON EMS LOAD 1. IF THE CIRCUIT IS NOT ON LOAD 1, E.C. IS TO ADD IT AND A CONTACTOR (IF NEEDED) TO LOAD 1.
 - TRANSFER FAN SHALL BE MOUNTED OUTSIDE OF THE WORKROOM OFFICE PERIMETER.
 - SUPPLY DIFFUSERS TO BE A MINIMUM OF 10'-0" AWAY FROM DOOR.
 - BOTTOM OF TRANSFER FAN TO BE MOUNTED A MAXIMUM OF 18" ABOVE CEILING GRID FOR SERVICE ACCESS.
 - SUPPLY & RETURN DUCT TO BE INTERNALLY LINED WITH 1/2" THK. ARMACELL AP ARMAFLEX OR EQUAL.

5 WORKROOM TRANSFER FAN INSTALLATION DETAIL
M5.01 SCALE: NOT TO SCALE



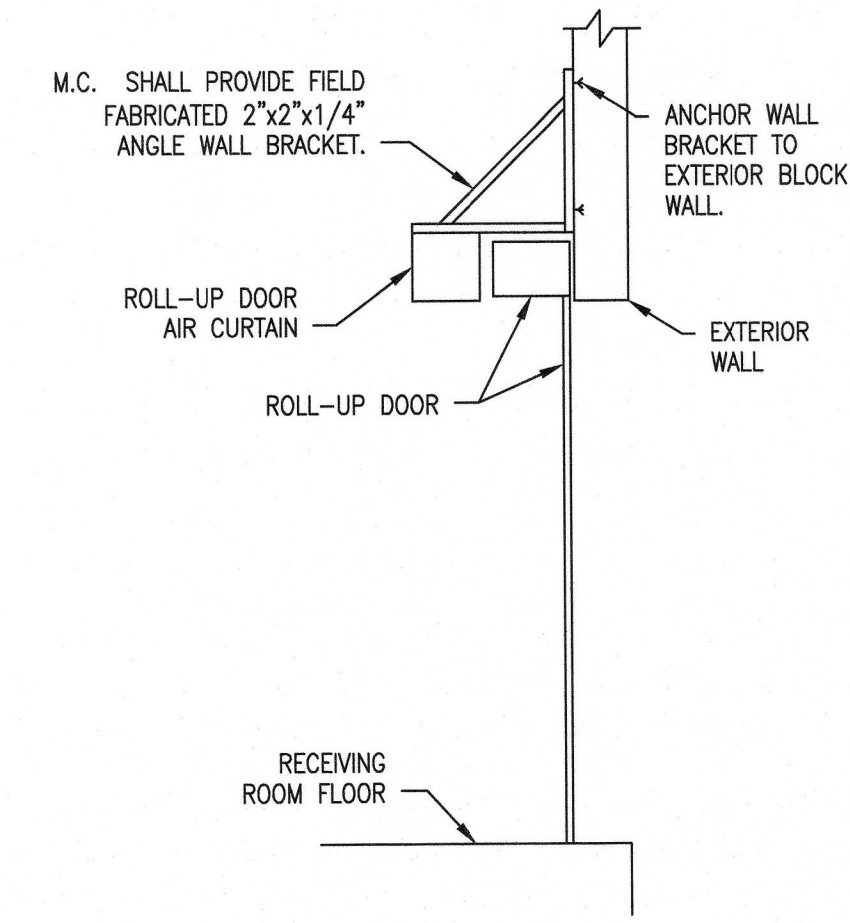
- NOTE:
- DM/ASSOC OFFICE TRANSFER FAN SHALL BE CONTROLLED BY A WALL MOUNTED INLINE VOLTAGE THERMOSTAT SET AT 72°F.
 - DISCHARGE DUCT TO BE INTERNALLY LINED WITH 1/2" THK. ARMACELL AP ARMAFLEX OR EQUAL.

6 P.C. TRAINING/MGR. OFFICE TRANSFER FAN INSTALLATION DETAIL
M5.01 SCALE: NOT TO SCALE



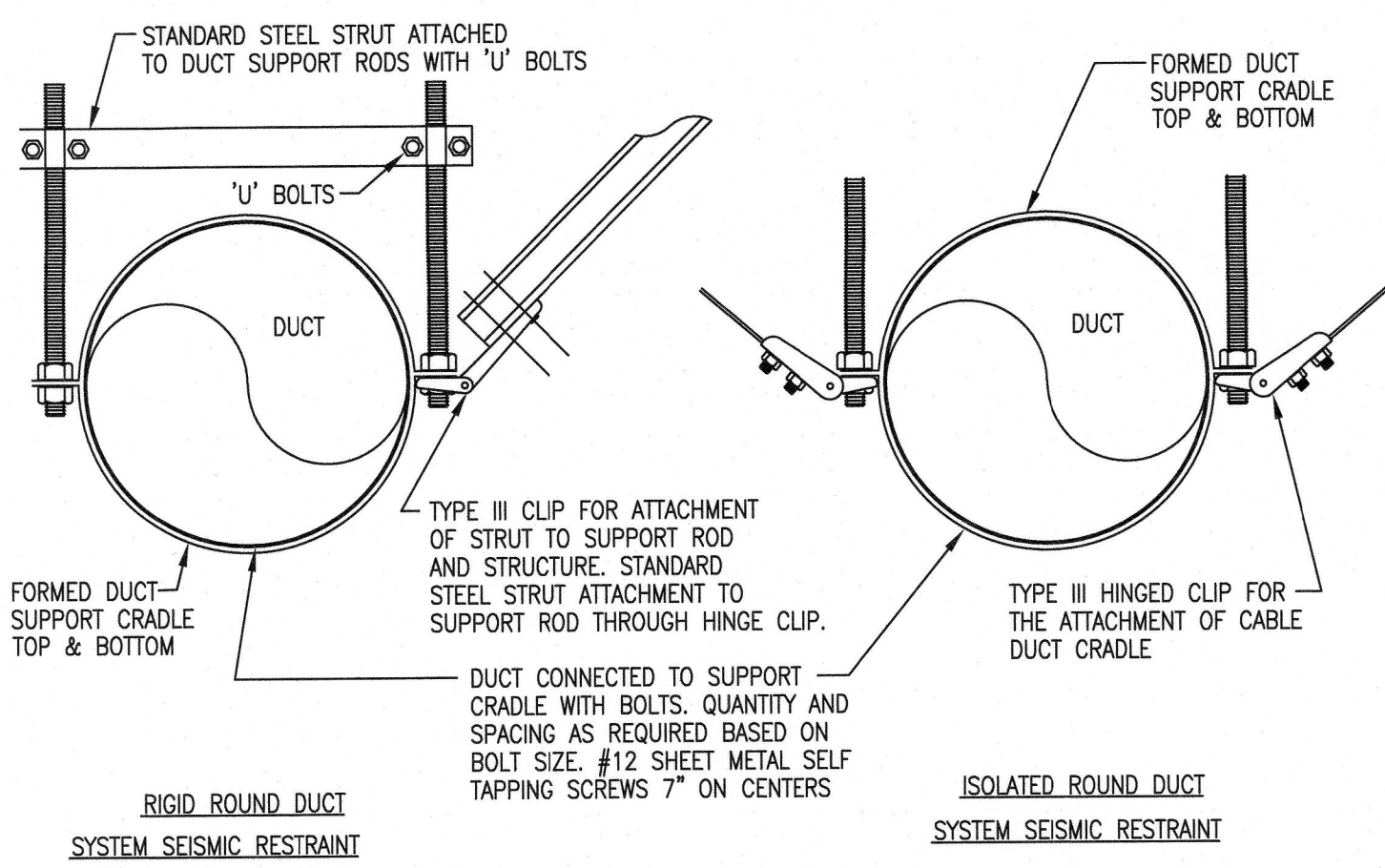
- NOTE: DETAIL SHOWN FOR 5 TON TRANE UNIT. DETAIL IS REPRESENTATIVE OF PROPER INSTALLATION. COORDINATE WITH SUBMITTALS FOR ACTUAL ROOF PENETRATIONS & DUCT SIZES.

7 ROOF TOP UNIT INSTALLATION DETAIL
M5.01 SCALE: NOT TO SCALE

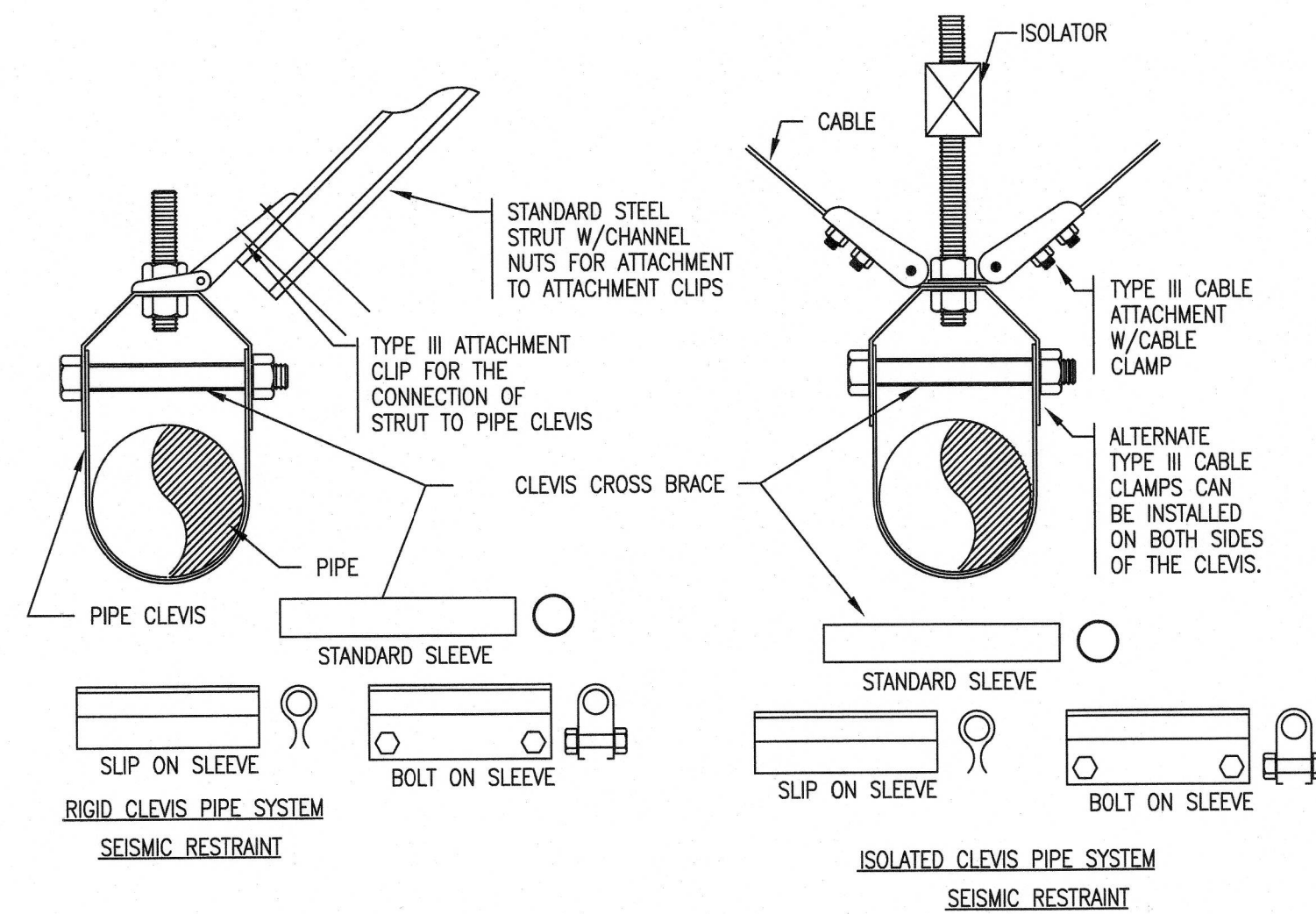


- NOTE:
- M.C. SHALL USE FIELD FABRICATED ANGLE SUPPORT BRACKETS.
 - DSD AIR CURTAIN SHALL BE HUNG ON INTERIOR OF BUILDING FROM EXTERIOR WALL ABOVE DSD DOOR.

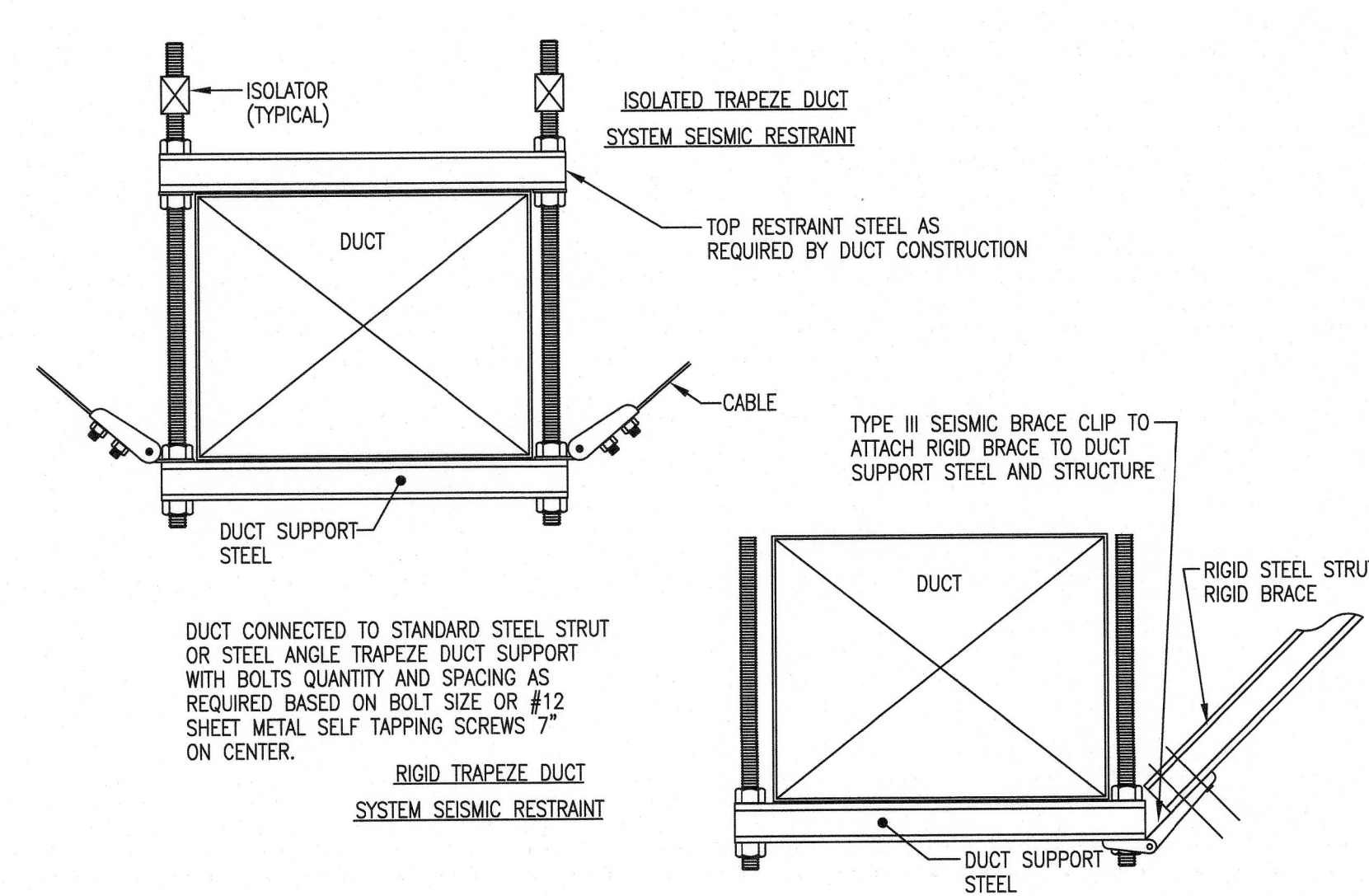
8 ROLL UP DOOR AIR CURTAIN INSTALLATION DETAIL
M5.01 SCALE: NOT TO SCALE



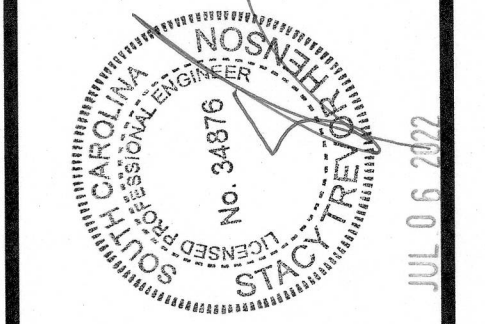
9 SEISMIC BRACING OF ROUND DUCT SYSTEM
M5.01 SCALE: NOT TO SCALE



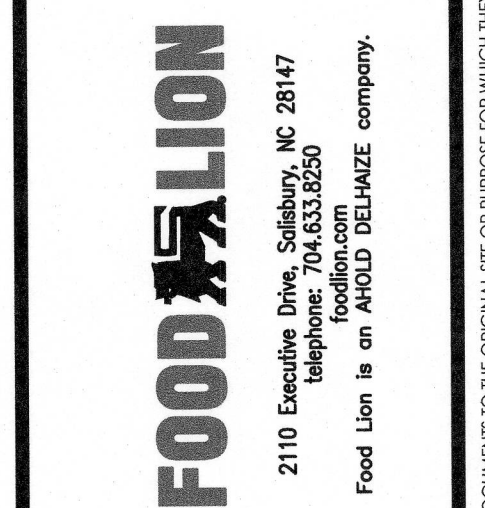
10 CLEVIS PIPE SYSTEM SEISMIC RESTRAINT
M5.01 SCALE: NOT TO SCALE



11 SEISMIC BRACING OF TRAPEZE DUCT SYSTEM
M5.01 SCALE: NOT TO SCALE



REVISIONS	NO	DATE	REMARKS



FOOD LION
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BEAUFORT, SC 29906

PROJECT NO: 2021.1218
DATE: 7/5/22

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M5.01
MECHANICAL DETAILS