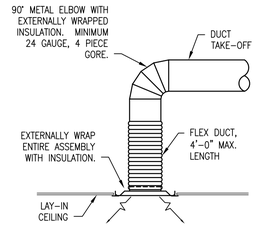
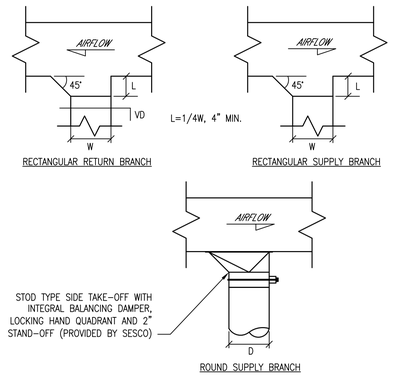
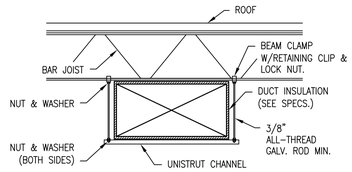


1 M5.01 SUPPLY DIFFUSER INSTALLATION DETAIL
NOT TO SCALE

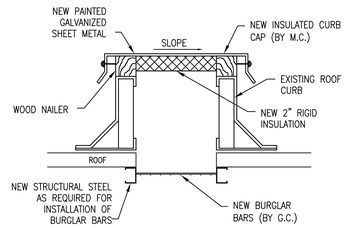


2 M5.01 TYPICAL DUCT BRANCH TAKEOFF
NOT TO SCALE

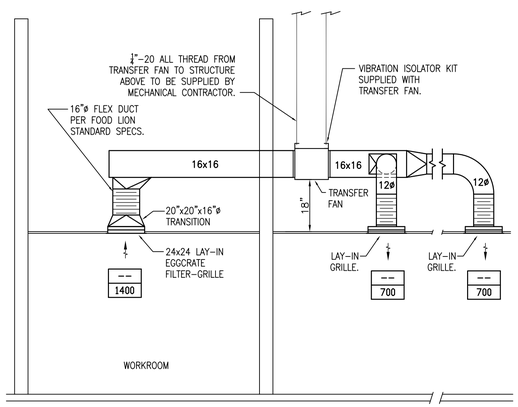


NOTE:
- DUCT SHALL BE INSTALLED AND HANGERS SPACED AS RECOMMENDED BY MANUFACTURER (NOT TO EXCEED 8'-0" SPACING).
- THIS DETAIL TO BE USED FOR MAIN & BRANCH DUCT RUNS. DO NOT APPLY THIS DETAIL TO TRANSFER FAN INSTALLATIONS.

3 M5.01 RECTANGULAR DUCT HANGER DETAIL
NOT TO SCALE

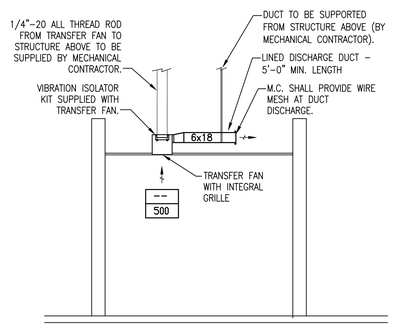


4 M5.01 WEATHERPROOF INSULATED CURB CAP DETAIL
NOT TO SCALE



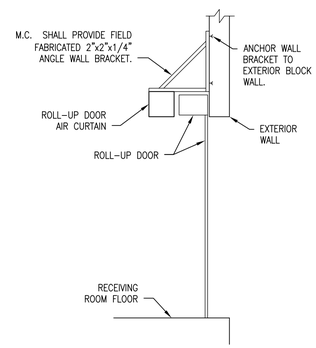
NOTE:
1. TRANSFER FAN TO BE WIRED TO WORKROOM LIGHTING CIRCUIT. ENSURE THAT THE WORKROOM LIGHTING CIRCUIT IS ON EMS LOAD 1. IF THE CIRCUIT IS NOT ON LOAD 1, E.C. IS TO ADD IT AND A CONTACTOR (IF NEEDED) TO LOAD 1.
2. TRANSFER FAN SHALL BE MOUNTED OUTSIDE OF THE WORKROOM OFFICE PERIMETER.
3. SUPPLY DIFFUSERS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

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



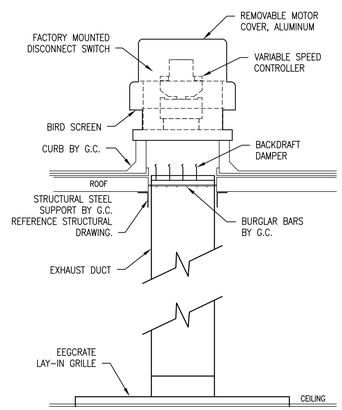
NOTES:
1. SUPPORT AREA TRANSFER FAN SHALL BE CONTROLLED BY A WALL MOUNTED INLINE VOLTAGE THERMOSTAT SET AT 72'F.
2. DISCHARGE DUCT TO BE INTERNALLY LINED WITH 1/2" THK. ARMACELL AP ARMAFLEX OR EQUAL.

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



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

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



8 M5.01 LOUNGE EXHAUST FAN INSTALLATION DETAIL
NOT TO SCALE

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MECHANICAL DETAILS

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