

GENERAL DFCM ROOFING DETAILS

EQUIPMENT CURB DETAIL
NO SCALE

NOTE THAT IF CURB CONSTRUCTION IS EXISTING, THE CONTRACTOR IS RESPONSIBLE FOR MODIFYING / RAISING THE CURB AS REQUIRED TO ACHIEVE THE MIN. DIMENSIONS INDICATED (FROM THE FINISHED ROOF SURFACE TO FASTENERS AND TOP OF CURB) - IN SUCH CASES, LICENSED MECHANICAL & ELECTRICAL CONTRACTORS MUST PERFORM ALL REQUIRED CHANGES TO MECHANICAL EQUIPMENT / LINE SETS / ELECTRICAL WIRING & CONNECTIONS ETC.

FLEXIBLE ELECTRICAL LINES ARE TO ENTER BUILDING THROUGH A GOOSE NECK PIPE - REFER TO GOOSE NECK PIPE DETAIL - WHERE OTHER PIPES / CONDUITS, ETC. OCCUR, COORDINATE WITH PIPE / CONDUIT DETAILS - ELECTRICAL / COMMUNICATIONS CABLING SHOULD NOT SHARE THIS PENETRATION, BUT SHOULD HAVE THEIR OWN - POWER SERVICE LINES PENETRATING THE ROOF SHOULD BE FLASHED WITH A PREMANUFACTURED BOOT.

TYPICAL NOTE: ALL EXISTING ELECTRICAL LINES / CONNECTIONS (AS OCCUR) ARE TO BE REPLACED WITH NEW

WITH THE EXCEPTION OF RIGHT AT THE EQUIPMENT LOCATION, ELECTRICAL LINES AND JUNCTION BOX'S THAT ARE RUN ABOVE THE ROOF, AND OR DECK, ARE TO BE REPLACED AND RE-RUN BENEATH THE DECK BACK TO THE NEAREST JUNCTION OR ELECTRICAL BOX - NO FLEXIBLE ELECTRICAL CONDUIT WILL BE ALLOWED LOWER THAN 12" ABOVE THE FINISHED ROOF SURFACE - ALL ELECTRICAL WORK MUST BE DONE TO NEC STANDARDS

NOTE THAT WALK PADS ARE TO BE PROVIDED AT ALL 4 SIDES OF FAN CURBS

DUCTED MECHANICAL EQUIPMENT (EQUIPMENT VARIES) - FASTEN TO SIDE OF CURB W/ MIN. OF 2 HIGH-DOMED, CAPPED, GASKETED FASTENERS PER SIDE - NOTE THAT NON-DUCTED MECHANICAL EQUIPMENT SHALL USE THE "ELEVATED EQUIPMENT PLATFORM" DETAIL IN LIEU OF THIS CURB DETAIL

FULLY ADHERED MEMBRANE - RUN MEMBRANE OVER TOP OF CURB AS SHOWN AND NAIL OFF AT 6" O.C. ON INSIDE OF CURB

SEAM PLATE AND FASTENERS AT 12" O.C. - FASTEN INTO STUDS

ROOFING MEMBRANE - VARIES BY PROJECT

RIGID INSULATION - VARIES BY PROJECT

ROOF DECK VARIES BY PROJECT

NOTE: CURB MUST BE CONSTRUCTED SO TOP IS LEVEL

NOTE: ALL GAPS BETWEEN DUCT & CURB ARE TO BE FILLED IN WITH INSULATION THAT IS EQUIVALENT TO THE R-VALUE OF THE ROOF SYSTEM

PRESERVATIVE TREATED 2X FRAMING / SHIMS

NAILERS & SHIMS TO MATCH INSULATION DEPTH

IF FINAL INSULATION DEPTH IS GREATER THAN THE EXISTING INSULATION DEPTH, PROVIDE ADDITIONAL NAILERS / SHIMS AS REQ'D. TO ACHIEVE THE 10" MINIMUM HEIGHT FROM THE FINAL ROOFING SURFACE TO THE TOP OF THE CURB

18" MIN.
(CURB TO PENETRATION TYP.)

8" MIN. (ROOF SURFACE TO FASTENERS)

10" MIN. TO TOP OF CURB

