PART 0 DESIGN STANDARDS

0.01 GENERAL DESIGN GUIDELINES

A. Indicate sizes and locations of roof curbs in the contract documents.

B. Each curb shall be fabricated such that base plate follows slope of roof deck and top surface of metal construction provides a level top surface for nailer and subsequent mounting of mechanical equipment. Coordinate equipment orientation with roof slope direction to ensure proper fabrication.

C. Design roof framing to be continuous below the perimeter of each opening.

D. Field or custom fabricated wood roof curbs are acceptable if designed and detailed by the A/E.

E. Roof curbs shall have a minimum height of 12” above finished roof surface.

F. The top surface of every roof curb shall be sloped to drain.

G. Coordinate fire protection for roof curbs with building code requirements. Curbs commonly requiring fire protection include those at kitchen exhaust hoods and roof scuttle hatches.

PART 1 -GENERAL No standards

PART 2 -PRODUCTS

2.01 ROOF CURBS

A. Prefabricated curbs

1. Curbs shall be constructed using minimum 14 gauge galvanized steel with fully mitered and welded corners, non-canted base, integral base plates, internally reinforced with 1" x 1" x 1/8" steel angle (curbs with any side longer than 3'-0"), factory insulated with 1 1/2" thick 3 lb. density fiberglass insulation, and factory-installed, pressure-treated wood nailers

B. Field or custom fabricated curbs

1. Where fabricated of lumber, use fire treated dimensional lumber and A/E shall verify compatibility of chemical treatment with roof membrane and adhesives.

PART 3 -EXECUTION No standards

END OF SECTION 07720