Typ. Galv. steel "Wood Deck Anchor" screwed to metal "Z" section using (2) two 3/4" x 1-1/4" self-tapping zinc-plated screws per anchor. Anchor spacing not to exceed 4 feet o.c. All tabs sealed with mastic.

At top & btm. anchor wrap twisted wire back on itself 3 full turns.

Booster tile

Clay or metal bird stop

1-1/2" self tapping screw

Galv. metal flashing

Hat section welded or screwed to metal roof deck. Align with top of rigid insulation to provide solid base for attachment of anchor.

.084 dia. type 304 stainless steel twisted wire "tye-tye"

Metal roof deck

Rigid insulation

Built-up roofing

METAL "Z" section (18 ga. min) welded or screwed to metal roof deck and to fit between rigid insulation boards. Depth to match insulation board thickness. Spacing not to exceed 4 feet o.c.

.040 dia. type 304 tie wire to be wrapped around itself 3 full revolutions at each junction - typ. for all tiles.

.090 dia. type 304 stainless steel 3" wind locks typ. for all cover tiles.

Note: all perimeter tiles, rake, ridge, and eave are to be wired into system and embedded in concrete.

8" Straight Barrel Mission Tile MTL. Eave Detail

MCA - 8" Straight - MTL - Eave
3" = 1'-0"