

DIVISION 39

ROOFING AND WOOD WORK

39.01 SCOPE: The work in this section includes the furnishing of all labor, materials, equipment and other incidentals for construction of the roof and woodwork for the pumping station in accordance with the Contract Documents.

39.02 MATERIALS AND EXECUTION:

- A. Built-up Roofing: If built-up roofing is indicated on plans, the roof surface shall have a 20 year built-up roof. Roofing shall be a Barrett "Specification" or approved equal roof installed in accordance with the manufacturer's Specifications for application upon the particular type of roof deck being roofed.
- B. Flashing: Flashing shall be in accordance with Barrett Specifications for 20 year bondable roof. Flashing shall be 16 oz. copper. Flashing around pipes and other obstructions shall be in accordance with Barrett Specifications.
- C. Asphalt Shingles: Asphalt shingles shall be Fire King FGA Seal-O-Matic shingles (240#/square) as manufactured by Johns-Manville Company or equal, or Bird "Architect 70" fiberglass shingles (340#/square). Shingles shall be installed in accordance with the manufacturer's instructions. Cracked shingles with broken corners shall not be used. Shingles shall be well lapped and nailed to provide a watertight surface. The color shall be selected by the Owner and approved by the City.
- D. Wood Work: Lumber shall be sound, free from warp and dressed and each piece shall be grade marked. All lumber used for framing shall be No. 2 Southern Pine or better. Molding and trim shall be primed and wrapped with aluminum as shown on the plans. Plywood shall be sheathing grade. Roof rafters, joints and other framing shall be closely fitted, set to required lines and securely spiked in place. Ridges shall be straight with true intersections of roof planes.

39.03 SHOP DRAWINGS - Shop Drawings shall be submitted for all items provided under this division.

39.04 MEASUREMENT AND PAYMENT: Payment will be included in the lump sum bid price for the pumping station.