

**NATURAL RESOURCES CONSERVATION SERVICE**  
**Wyoming**  
**CONSTRUCTION SPECIFICATIONS**  
**FOR**  
**ROOF RUNOFF MANAGEMENT – ROOF GUTTER**

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(Owner/Operator)

**GENERAL**

Installation shall be in accordance with an approved design and plan. Details of construction shown on the drawings but not included herein are considered as a part of this specification.

Construction operations shall be carried out in a manner to ensure that erosion and air and water pollution are minimized. Construction activities shall be in accordance with applicable OSHA regulations.

**MATERIALS**

Roof gutters and downspouts shall be of the materials, style, color and size as shown on the drawings.

Aluminum gutters and downspouts shall have a nominal thickness of at least 0.027 and 0.020 inch, respectively. Galvanized steel gutters and downspouts shall be a 28 gage or heavier. Plastic materials shall contain carbon black ultraviolet stabilizers.

**SUPPORTS**

Rain gutters shall be mounted with commercial hangers as recommended by the manufacturer. Gutter supports shall have a maximum spacing of 48 inches for galvanized steel and 32 inches for aluminum and plastic gutters. Downspouts shall be securely fastened at the top and bottom with intermediate supports at a maximum spacing of 10 feet.

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(Project Title)

**CONNECTIONS**

Gutter joints, end plugs, tees, downspout joints, bends, etc., shall be connected in accordance with manufacturer recommendations for the type of material specified. Joints shall be watertight.

**OUTLET**

Downspouts shall outlet as shown on the drawings. For downspouts that empty onto the ground surface an elbow and splash pad of concrete, rock, etc shall be provide to direct water away from the building and to prevent erosion.

**ADDITIONAL SPECIFICATIONS**