

1. COORDINATION ISSUES:

- 1.1. Coordinate work of this section with TG 07510 Built-Up Bituminous Roofing, [TG 07530 Elastomeric Sheet Roofing](#), TG 07550 Modified Bituminous Sheet Roofing, TG 07610 Metal Roofing and other roofing systems. Make sure the warranties required are similar.
- 1.2. For standing seam metal roof use roofing manufacturer's standard flashings, collar flashings, curbs, and other roof accessories.

2. DESIGN ISSUES:

- 2.1. Comply with the NRCA and SMACNA Recommendations.
- 2.2. Design roof gutter, fascia and flashing to allow for removal and replacement of the gutters without damage to the remaining roof system.

3. DRAWING NOTES: (Not Used)

4. STANDARD DRAWINGS: (Not Used)

[4.1.Gutter/Downspout Detail F1/TG06720](#)

5. SPECIFICATION NOTES:

5.1. Materials: Except in areas where unusual corrosive conditions exist (such as sulfurous fumes in certain areas on the Big Island), sheet metal for gutters, downspout leaders, edging, counterflashing, etc. which must be either removed or disturbed for reroofing shall be of galvanized steel for the following reasons:

- 5.1.1. Sheet metal items adjoining built-up roofing are generally damaged considerably during removal and/or lifting unless extraordinary care is taken and are almost impossible to restore to their original functional and/or aesthetic adequacy.
- 5.1.2. Galvanized steel, if periodically checked and painted / coated to keep rust under control, will last just as long as, if not longer than, the built-up roofing to which it is appurtenant.
- 5.1.3. Because of their high value as scrap metal, copper items are frequently stripped from buildings by thieves.

5.2. Quality Control Requirements: Sheet metal shall comply with.

Galvanized Sheets	ASTM	A 653
Aluminum Sheets	ASTM	B 209
Zinc Alume Sheets	ASTM	A 792
Copper Sheets	ASTM	B 370

6. GUIDE SPECIFICATION:

6.1. Warranty (Part 1)

6.1.1. The warranty provisions and number of years for the warrantee by this article shall take precedence over the standard provisions in the GENERAL CONDITION.

SPECIFIER'S NOTE: Include the roof components used on the project.

~~6.1.2. Special Warranty: Roofing Installer and Manufacturer(s), bonded warranty~~

~~without monetary limitation, in which roof installer and manufacturer(s) agree to repair or replace components of roofing system that fail in materials or workmanship within the specified warranty period. Failure includes roof leaks, and materials, and adhesion failure due to wind conditions.~~

~~6.1.2.1. Special warranty includes roofing panels and flashings, [roofing accessories] [roof insulation] [fasteners] [curbs] [collar flashing] and other components of the roofing system.~~

~~6.1.2.2. Warranty Period: Ten years from the Project Acceptance Date.~~

~~6.1.2.3. Wind Conditions: Cover peak wind speeds up to 80 MPH as defined by the Building Code.~~

~~6.1.2.4. Warranty shall state the Manufacturer's acceptance that the roof was installed in accordance with the contract requirements and that the State's personnel were properly instructed in the maintenance procedures.~~

~~6.1.2.5. In the event of a failure State, Roofing Installer and Manufacturer shall mutually agree and determine roof system failures and remedies.~~

6.1.3.6.1.2. Special Project Warranty: Submit Contractor's ~~bonded~~ warranty, signed jointly by ~~Roofing~~ Installer covering work of this section, including all components of ~~roof flashing~~ system such as ~~roofing~~ panels, base flashing, roofing accessories, ~~roof insulation~~, fasteners, curbs, collar flashing, and other products, for the following warranty period and conditions:

~~6.1.3.1.6.1.2.1.~~ Warranty Period: ~~Three-Two~~ years from the Project Acceptance Date.

~~6.2.6.1.2.2.~~ Warranty shall cover repairs or replacement of damages to the building and its finishes due to leaks.

SPECIFIER'S NOTE: Retain paragraph 6.2 only when the size or complexity of the roofing and flashing work warrants a Pre-installation meeting. Otherwise, delete paragraph 6.2 entirely

6.2. Pre-Installation Meeting (Part 1): The General Contractor, the Sheet Metal Contractor and Roofing Installer shall attend a pre-installation meeting. Include other related trades, ~~such as sheet metal contractor~~, as applicable. Confirm the required participants with the Contracting Officer. Notify participants at least five days prior to meeting. Intent of the meeting is to review the preparation and installation requirements for the roofing system and to coordinate and schedule the required work.

END OF SECTION 07620