

FACILITIES STANDARD

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NAME :Pipe and Ductwork Flashing at Roof
NUMBER :15207

ORIGINAL DATE : 03-01-94
REVISION DATE : 11-03-99

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PURPOSE:

1. The general purpose of Facilities Standards is to provide the University an approved, documented criteria for construction, material stocking and replacement, consistent maintenance of facilities, code compliance, and provisions for uniformity and uniqueness of facilities standards.
2. All construction of University property, in reference to safety issues will be conducted in accordance with NFPA 241 safeguarding construction, alteration, and demolition operations, and the Standard Building Code, in Chapter 33, SAT work, demolition, and construction, to protect the health and safety of faculty, staff, patients, visitors, and students, as well as unrelated, non-project, UAB property.
3. Construction safety is the responsibility of the contractor for any project. Each responsibility, as stated in the contract documents, relate to all recognized rules, regulations and codes adapted by any agency having jurisdiction, and the guidelines established during the occupational standards and health act.
4. The purpose of this Facility Standard on **Pipe and Ductwork Flashing at Roof** is to establish a series of administrative actions that must be taken that are unique to any particular project under construction at the University.

GENERAL:

- A. All penetrations through any roof shall be installed without undue stresses or strains and provisions shall be made for expansion, contraction, and structural settlement.

PRODUCTS:

- A. Flashing shall be an assembly consisting of a spun aluminum base flashed into the roof with fully compatible materials, a neoprene seal designed for this application, and stainless steel clamp to fully seal the pipe to the neoprene.

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EXECUTION:

- A. All openings for pipe in masonry materials shall be core drilled. Other openings shall be cut as necessary.
- B. Contractor shall make sure penetrations and assembly are watertight on completion of installation.
- C. Contractor shall make thorough investigation and/or field measurement by use of magnetic detection instruments or other approved means to detect any concealed ferrous metal piping or conduit prior to cutting of masonry. Should any active piping, conduit, or wire be damaged by the contractor's work, same shall be restored immediately. All restoration costs shall be at the expense of the contractor.
- D. Before any existing roof membrane is cut the UAB Roofing Specialist shall be contacted for a site review of the flashing and patching methods proposed.
- E. All exposed metal flashings shall be thoroughly cleaned of any oil residue, and painted with two (2) coats of aluminum impregnated carbolastic sealer.

END OF STANDARD

Prepared by: _____
Duane Ogles

Revised by:

Reviewed and
Recommended by: _____

Approved :

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Mark A. Goska
Director, Architecture & Engineering

Brooks H. Baker III
Associate Vice President - Facilities