1 Introduction

1.1 All projects must have the exterior approved by the Senior Architect (SA). Any deviation to the approved exterior during construction must be approved in writing by the SA and Project Manager.

1.2 A mockup panel shall be installed by the contractor that shows the relationship of exterior building materials to include, but not limited to, masonry, caulk, windows, window sills, and other materials specific to the project. This panel will be approved by Purdue University and the Project Architect prior to the occurrence of any exterior construction of these materials. The panel will be considered for aesthetics, contractor workmanship, and color and will be kept on the job site in a safe location so that it will not be subject to damage for the duration of the project.

1.3 The design professional shall familiarize themselves with the document, “Architecture On Campus” which can be obtained from the Project Manager.

2 Roof design criteria

2.1 Building roof lines shall be carefully designed to avoid exposure of pedestrians to snow and/or ice falling from sloped roofs above pedestrian areas.

2.1.1 Anywhere pedestrian areas exist below the edge of a sloped roof, an entry canopy or other means of protection should be provided for the safety of the pedestrians.

*Note:* Snow guards on the roof, by themselves, have not proven adequate.

2.2 The need for the installation of roof fall protection shall be discussed with University representatives during design.

2.3 Flat roof design shall include secondary (emergency) roof drains or scuppers where water could be entrapped if the primary drains allow buildup for any reason.

2.4 Flat roof slopes shall be a minimum of 1/8 inch/foot to the roof drain.

3 Roof Warranties

3.1 All manufacturer roofing warranties shall be for a minimum of 20 years unless agreed upon with the project manager.

3.2 Installer warranties shall be for two years.

*Note:* There has been some confusion over the time period for the installer warranties. While it was determined some years ago that this would be a two year warranty, some of the associated paperwork continues to show one year as the default time period. The project specifications should make clear that this will be a two year warranty.

4 Secondary Roof Drains

4.1 Secondary roof drains shall have the end point discharge separate from the primary system and shall be above grade, in a location that could be observed by building occupants or maintenance personnel.