EXECUTIVE SUMMARY

The Project site is located in the southwest portion of the campus at Stadium Road between an existing parking garage and athletic fields. The site currently contains twelve tennis courts, volleyball courts, a small parking lot, field and wooded areas. The Project will consist of an indoor football complex with an approximate 138,000 square foot building footprint and associated driveway aisles, truck docks, a connection to the existing parking garage and utility infrastructure. The Project will also include the relocation of the existing tennis courts to the wooded area adjacent to the Ice Arena parking lot.

The indoor football complex will be located in the area currently occupied by twelve tennis courts and will result in a 1.07-acre net increase in impervious surfaces. The tennis courts will be re-located to a wooded area adjacent to the existing ice arena parking lot resulting in a 2.42-acre net increase in impervious surfaces. The Project site is comprised of four watersheds (Watersheds 1-4) that drain to either an existing storm drain system in Stadium Road or to natural drainage courses located south of the ice arena. Watersheds 1 and 4 involve reductions in drainage areas and discharges, therefore stormwater detention is not proposed at either of these locations. Four detention areas and several biofiltration swales will be installed within Watersheds 2 and 3 that will reduce discharges to a value less than existing levels for the 2, 5, 10, 25, 50 and 100-year storm events. Discharges from both the indoor football complex and relocated tennis areas eventually drain under Separatist Road to the south of the existing detention basin constructed for the Hilltop Apartments. Flows from the Project site will not be routed through the existing basin (See Figure 5).

It is proposed that surface runoff be used for roof and site drainage in Watershed 2 for this Project. Surface runoff and grassed swales will also be the primary method of draining the proposed tennis area (Watershed 3). Stormwater quality measures will be implemented as part of this project that include the use of biofiltration swales to help filter stormwater runoff before entering the detention areas, porous pavement, rain gardens and minimal use of catch basins. In addition, four stormwater treatment units will be installed to treat runoff from existing paved parking lots adjacent to the Project Site.