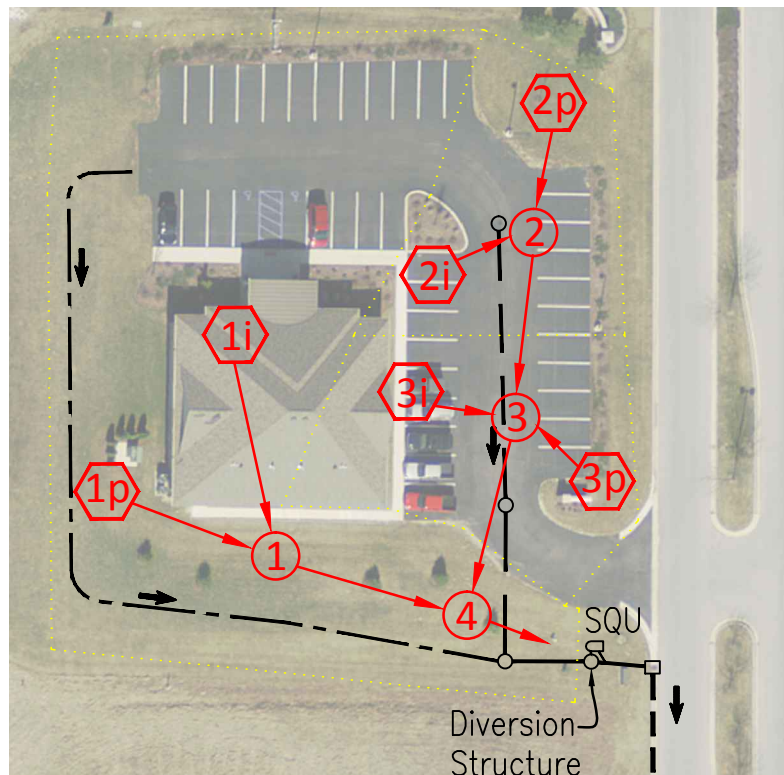


SW11.07 – SCS Method for Proprietary SQUs – This site layout illustrates a common use of the SQU. The bulk of the runoff from the impervious areas is directed into an inlet casting with minimal time of concentration. A small portion of the impervious area is transported overland before entering the storm sewer system. The site is required to address the stormwater quality before it drains to a regional basin through a storm sewer collection system.



- #p Pervious Shed Area (Subcatchment)
- #i Impervious Shed Area (Subcatchment)
- # Junction

The Huff distribution stormwater model is run for a 0.3" rainfall for the storm durations identified in SW11.07. The shed areas are broken into pervious and impervious areas. A composite curve number should not be used. The pervious areas typically contribute 0 cfs. Therefore, the impervious areas and the time of concentration become the critical factors in sizing the SQU. The diversion structure shall direct the calculated peak flow to the SQU while allowing greater flows to by-pass the SQU. Runoff should not be entering the casting of the diversion structure.