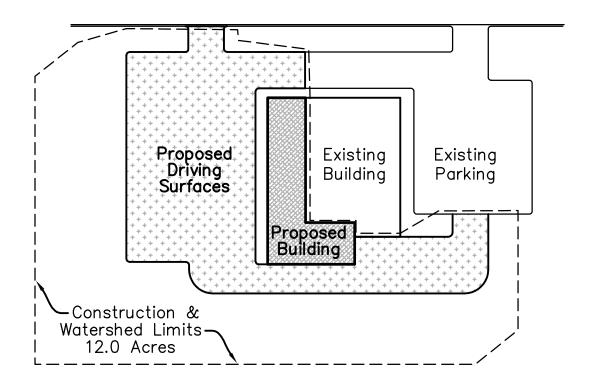


City Utilities Design Standards Manual Exhibit SW11- 2 Example of SMP for a Redevelopment Project

Created: August 30, 2013 Revised: October 31, 2013



## **Existing Conditions**

Building 2.5 acres

<u>Existing Parking 3.0 acres</u>

Total Impervious Surface 5.5 Acres

## Proposed Net Changes

Building 1.0 acres

<u>Driving Surfaces 6.5 acres</u>

Net Impervious Change 7.5 Acres

## Post-Construciton Requirements

The Post-construction water quality plan shall address the net change in impervious surfaces 7.5 acres

The peak 100-year release rate is

0.18 cfs/acre (Figure SW11.01)

x 12.0 acres of construction limits

2.16 cfs

The run—off from the existing impervious area can remain in the existing conditions