FIGURES FOR SCA DETAILED OBSERVATIONS AND RECOMMENDATIONS FOR THE: JULY 20, 2011 CITY/DUDEK DRAINAGE STUDY

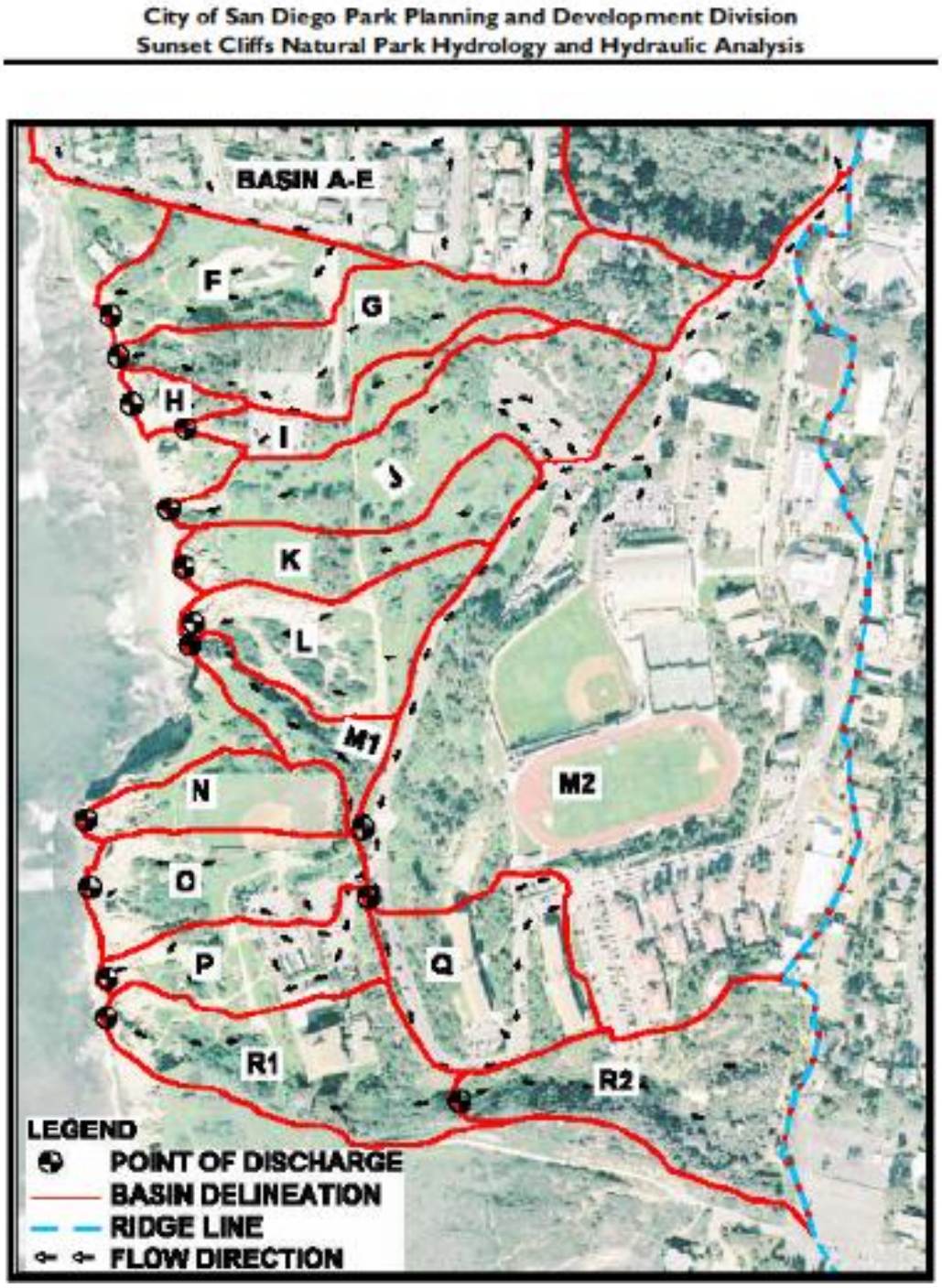

Figure 1. Hillside Park drainage basins presented in the Dudek & Associates Hydrology Study, based on a 1999 topographic map. The drainage basins for the Linear Park are shown on Dudek schematic concept diagrams showing drainage system alternatives. Drainage basin boundary lines in some cases do not appear to represent actual boundaries to flow, but may have been used for engineering flow calculations.

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Figure 2. Storm drain exit on the south side of the Park road leading to a private residence. Runoff from this storm drain should be re-directed to the other side of the road so it will drain into Drainage Basin E instead of Basin G.

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Figure 3. "Notch" shown at the base of the cliff is where runoff landed when used to discharge over the cliffs before a historic canyon was filled with trash. The notch area is formed by igneous rock overlying shale bedrock. It appears to be the best location for the velocity dissipater because the igneous and shale rock hide it and reduce the impact on the cliffs.

FIGURES FOR SCA DETAILED OBSERVATIONS AND RECOMMENDATIONS FOR THE: JULY 20, 2011 CITY/DUDEK DRAINAGE STUDY

Figure 4. Runoff from Lomaland property roof drains and impervious hard surfaces run into Drainage Basins G, I, and the Upper Parking Lot in Basin J. This runoff should be directed to Lomaland Drive.