



January 31, 2022

**RE: Walmart # 5055 Naples, FL – Liquor Box Addition
Drainage Narrative**

This project consists of the addition of a 3,920 sf liquor store expansion to the existing Walmart Supercenter located at 9885 Collier Blvd., Naples, FL. A similar project was permitted in 2014 under SFWMD ERP Application # 140909-14 but ultimately never constructed. The existing Walmart is served by a master stormwater management system permitted by SFWMD ERP # 11-01909-P-03.

The expansion will occur over mostly existing impervious areas of sidewalks and pavement. The existing planters and landscape islands being destroyed will be replaced by new landscape areas in the vicinity of the building expansion. The proposed improvements will result in a net reduction of impervious area, thereby reducing the total runoff from the site.

Site Areas within the limits of disturbance

Existing

Impervious Area	16,883 SF	0.39 Acres	76.4%
Building	0 SF	0.00 Acres	0.0%
Sidewalk / Pavement	16,883 SF	0.39 Acres	76.4 %
Open Space	5,201 SF	0.12 Acres	23.6%
Total Sawcut Area	22,084 SF	0.51 Acres	100%

Proposed

Impervious Area	16,749 SF	0.38 Acres	75.4%
Building	3,920 SF	0.09 Acres	17.8%
Sidewalk / Pavement	12,829 SF	0.29 Acres	58.1 %
Open Space	5,335 SF	0.12 Acres	23.6%
Total Sawcut Area	22,084 SF	0.51 Acres	100%

Site Total Impervious Area:

Existing: 21.53 acres
Proposed: 21.52 acres

01/31/2022

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