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Dry Well Volume Analysis

Required Storage Volume Calculation

Two proposed structures and pavement drive = 8,145 sf

Use 3.0 inch rainfall event (per prior project stormwater calculations approved by Twp. Eng Dept.)

Required Storage Volume =

$(8,145 \text{ sf}) \times 3 \text{ inches} / 12 = 2,036 \text{ cf}$

Dry Well Volume Calculation

One Dry Well storage volume per StormTech ADS Volume Calculation sheet 1,172 cf

Total storage on site (2 Dry Wells) - $1,172 \text{ cf} \times 2 = 2,344 \text{ cf}$

Proposed Storage Volume (2,344 cf) > Required Storage Volume (2,036 cf) ok
(Two Dry Wells)

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Date

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