

CENTRAL BROWARD WATER CONTROL DISTRICT  
CHECK LIST FOR SINGLE FAMILY HOMES PLAN APPROVAL

Single family home sites not covered under a District approved stormwater management permit shall provide two sets of plans to the Central Broward Water Control District, and provide the following information:

- A. The applicant shall provide a detailed cross-section of the berm to include onsite and existing offsite elevations.
- B. The applicant shall clearly show on the plans existing and proposed grading at no greater than 100-foot grid points extending 25 feet beyond the boundaries of the property.
- C. Plans shall clearly show lot dimensions and square footage
- D. Plans shall indicate the exact location of the building and other proposed structures
- E. Plans shall delineate all existing drainage easements and proposed easements for drainage and/or water management
- F. If offsite discharge is provided, applicant shall indicate what best management practices will be incorporated in the design to reduce pollutant discharges, and shall provide applicable details in the plans.
- G. The applicant shall provide supporting drainage calculations justifying the elevation of the berm and demonstrating that sufficient storage is available to retain the 25-year, 3-day, storm event within the property. The applicant shall tabulate the ground elevation, area, and accumulated storage of available open space, starting at the lowest elevation of the property and at each half-foot increment up to the elevation of the berm. The following sample calculation is provided as guidance:

Elevation (feet NGVD)	Partial Area (acres)	Accumulated Storage (acre-ft)	Storage (acre-ft)
5.25 (low elevation)	0.05	0.00	0.00
5.50	0.16	0.026	0.026
6.00	0.21	<b>0.093</b>	<b>0.119</b>
6.50	0.27	0.12	0.239
7.00	0.31	0.145	0.384
7.25 (berm elevation)	0.35	0.066	0.45

Partial storage is calculated:  $0.093 = (0.21+0.16) \times (6.00-5.50) / 2$

Accumulated storage is calculated:  $0.119 = 0.026+0.093$