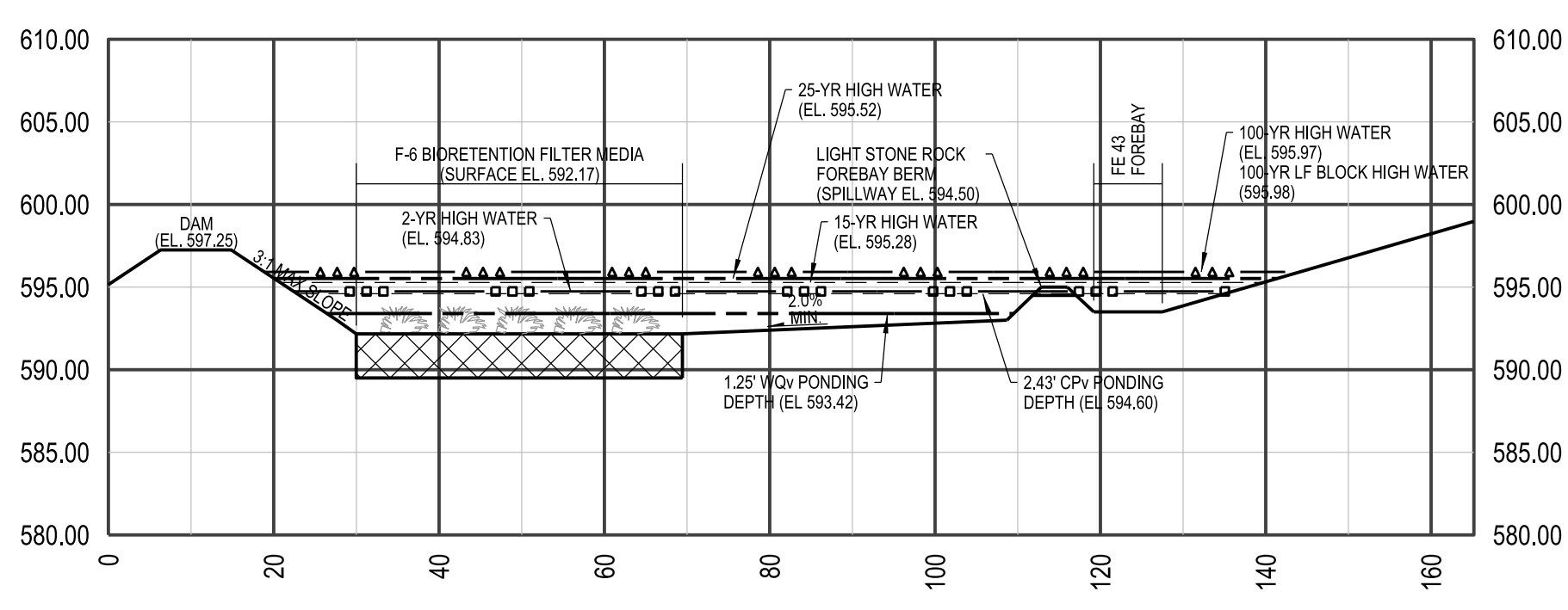
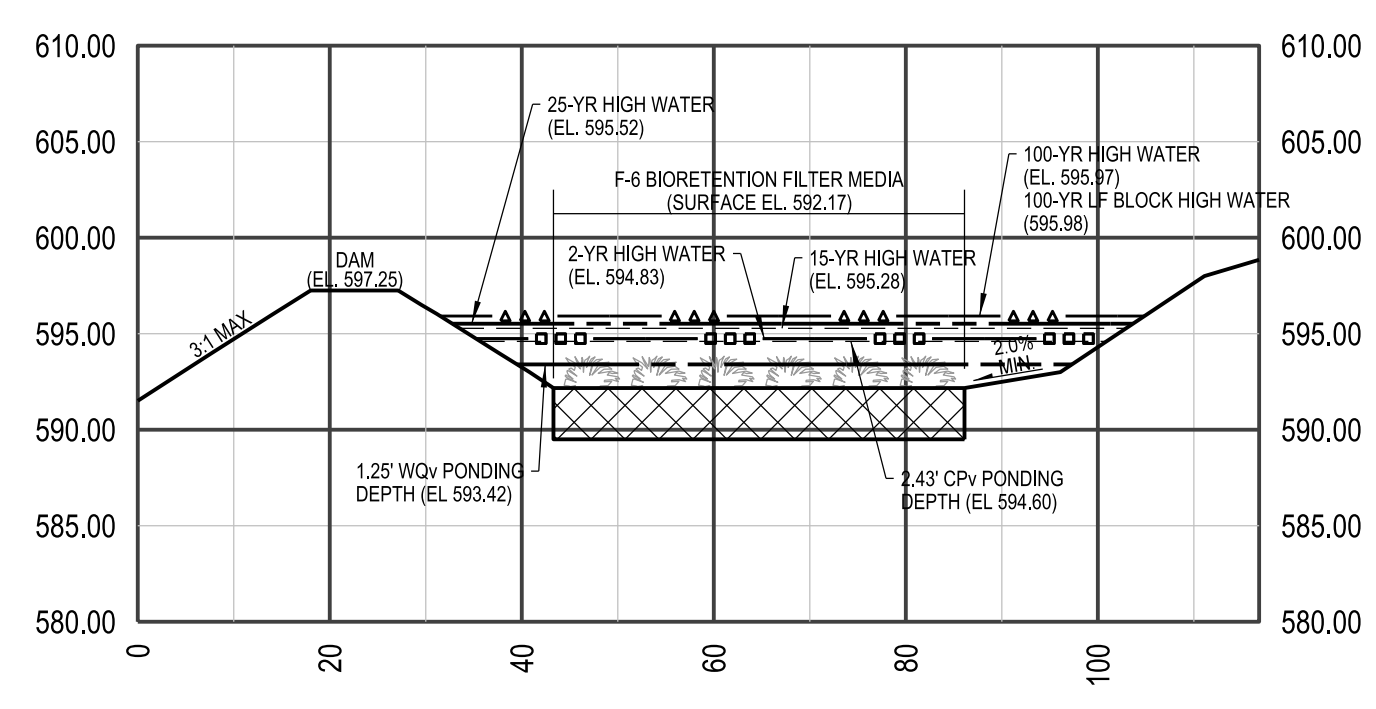


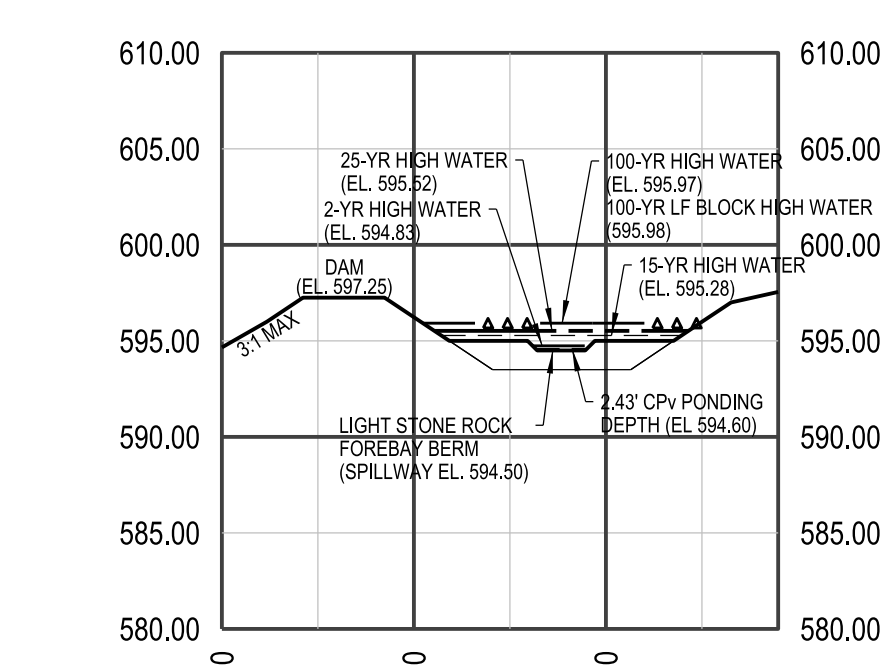
DRY DETENTION BASIN



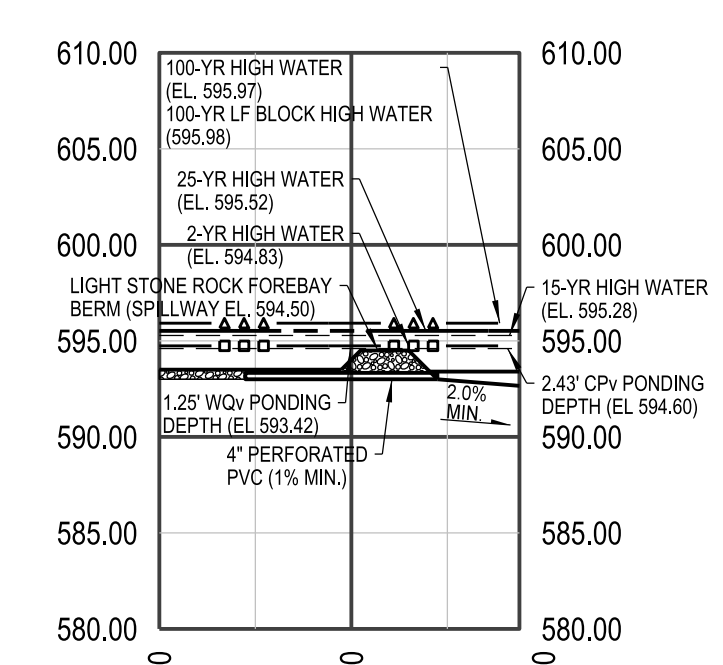
DRY DETENTION BASIN: SECTION 6-6



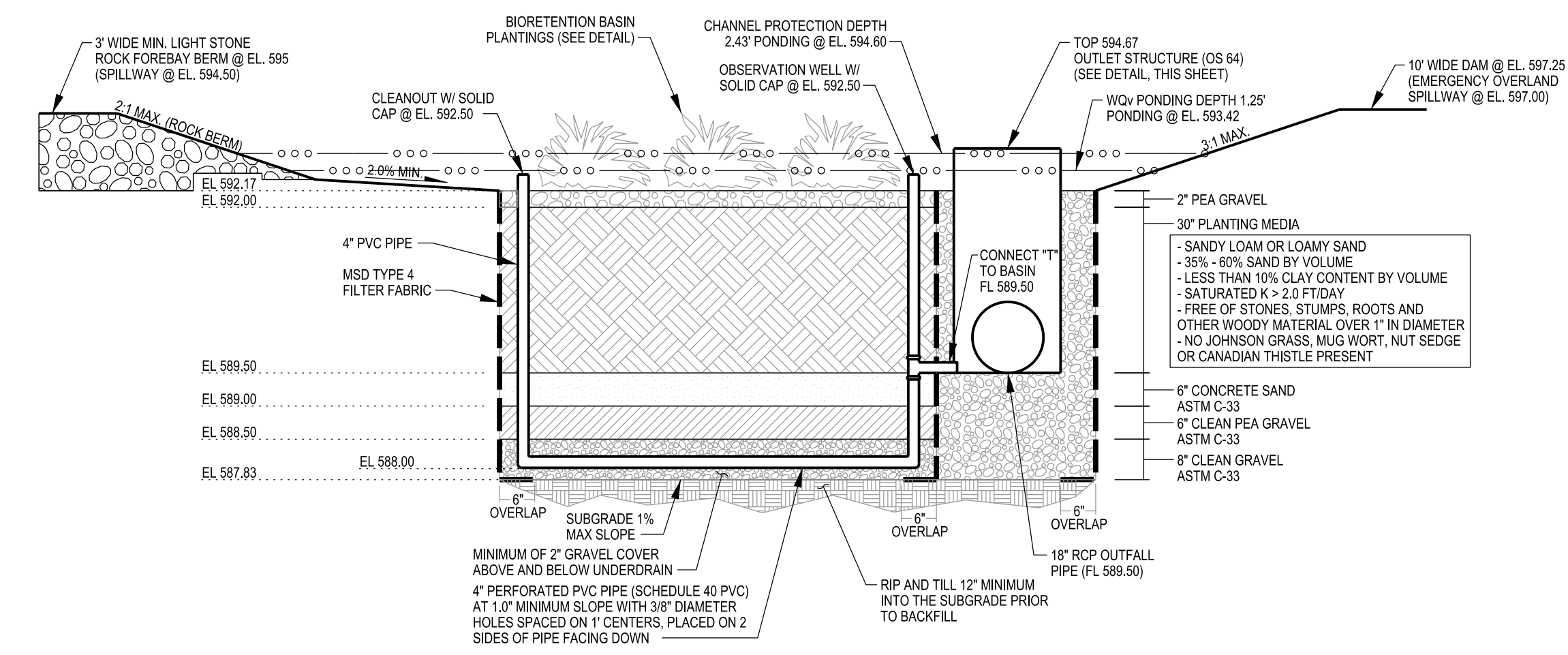
DRY DETENTION BASIN: SECTION 7-7



DRY DETENTION BASIN: SECTION 8-8



DRY DETENTION BASIN: SECTION 9-9



BIORETENTION (F-6) TYPICAL SECTION:
DRY DETENTION BASIN
N.T.S.

Dry Detention Basin Design and As-built Verification Information Table														
Basin ID	Design Overflow Sill Elev. (ft)*	As-built Overflow Sill Elev. (ft)*	Design Filter Surface Area (ft ²)	As-built Filter Surface Area (ft ²)	Design Filter Surface Elev. (ft)	As-built Filter Surface Elev. (ft)	Design Bypass/Spill Point Elev. (ft)**	As-built Bypass/Spill Point Elev. (ft)**	Required WQ Volume (ft ³)	Proposed WQ Volume (ft ³)	As-built WQ Volume (ft ³)	Required CP, Volume (ft ³)	Proposed CP, Volume (ft ³)	CP, Provided (ft ³)
Dry Detention Basin (F-6 Bioretention)	594.67		1,875		592.17		597.00		6,781	6,796 (EL. 593.42)		15,842	16,048 (EL. 594.60)	

* Overflow Sill Elevation = Maximum Water Quality Storage Elevation
 ** Bypass/Spill Point Elevation = Lowest adjacent elevation on the basin perimeter where overland flow would be directed.
 As-built portion of table to be certified by a Professional Engineer or Professional Land Surveyor licensed in Missouri

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RYAN L. HOLMES
 Professional Engineer
 PE-2017018988

SOMMERLIN

DRY DETENTION BASIN PLAN & CROSS-SECTIONS

Design By: R/LH
 Drawn By: R/LH
 Checked By: R/LH

Vote: Project # 22074

08-28-21
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