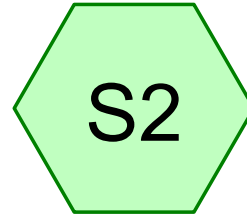
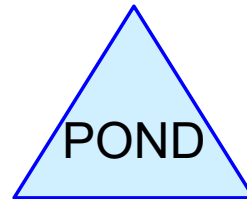


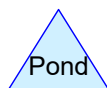
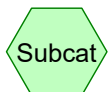
LOT 2 PRE



LOT 2 POST



Dry Pond



2025-51 Browns Ct 6-26-26

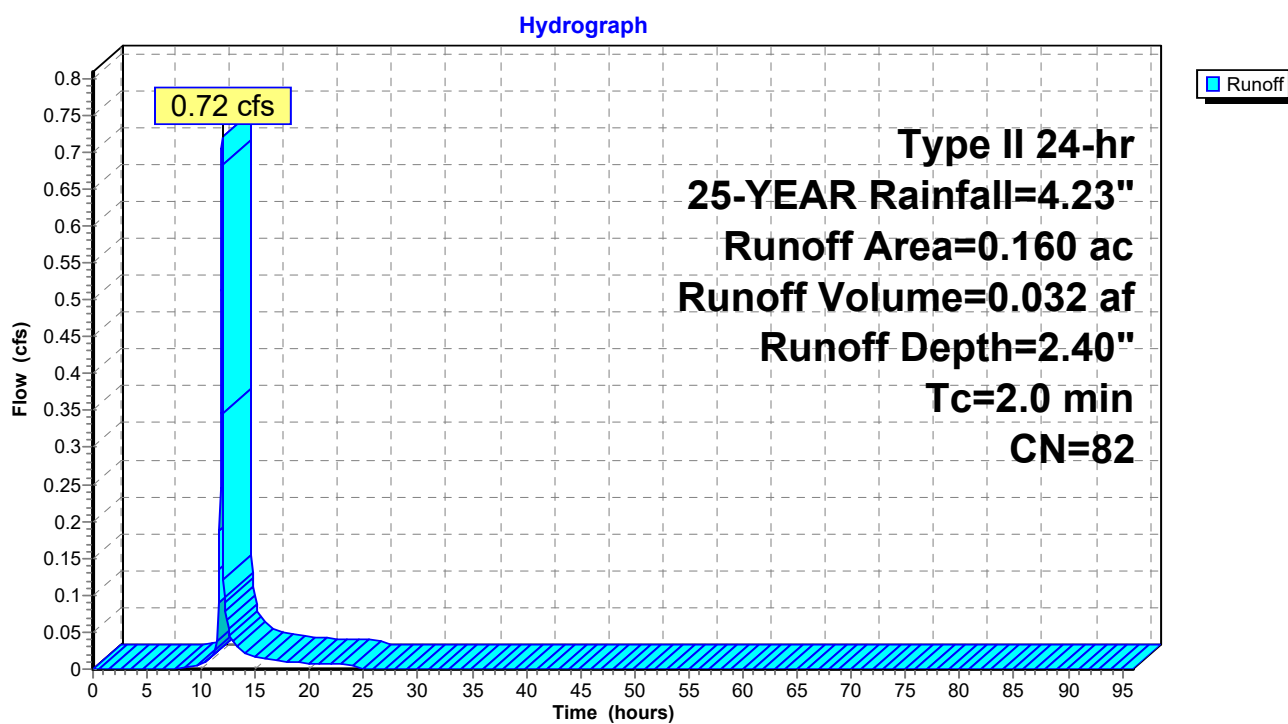
Prepared by {enter your company name here}

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Type II 24-hr 25-YEAR Rainfall=4.23"

Printed 6/29/2026

Subcatchment S1: LOT 2 PRE



2025-51 Browns Ct 6-26-26*Type II 24-hr 25-YEAR Rainfall=4.23"*

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Summary for Subcatchment S1: LOT 2 PRE[49] Hint: $T_c < 2dt$ may require smaller dt

Runoff = 0.72 cfs @ 11.92 hrs, Volume= 0.032 af, Depth= 2.40"

Runoff by SCS TR-20 method, UH=SCS, Weighted-Q, Time Span= 0.00-96.00 hrs, $dt=0.05$ hrs

Type II 24-hr 25-YEAR Rainfall=4.23"

Area (ac)	CN	Description
0.160	82	Woods/grass comb., Fair, HSG D
0.160		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.0					Direct Entry,

2025-51 Browns Ct 6-26-26

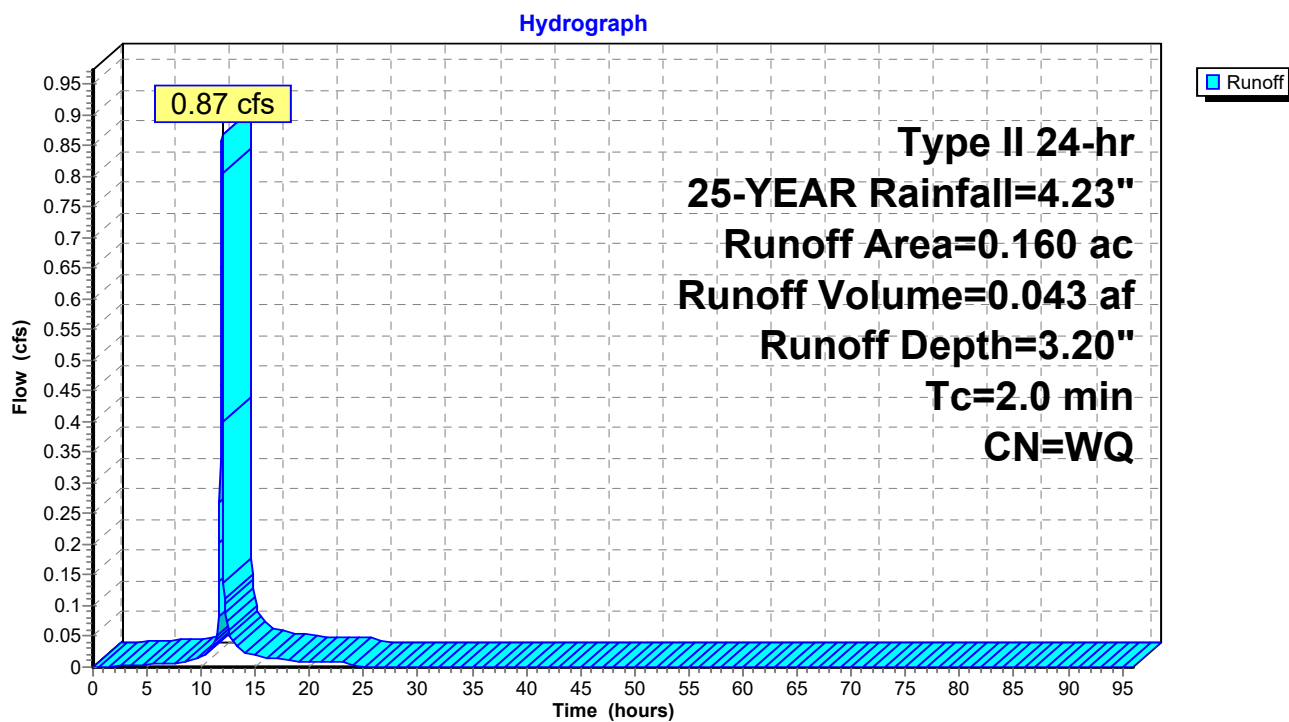
Prepared by {enter your company name here}

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Type II 24-hr 25-YEAR Rainfall=4.23"

Printed 6/29/2026

Subcatchment S2: LOT 2 POST



2025-51 Browns Ct 6-26-26*Type II 24-hr 25-YEAR Rainfall=4.23"*

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Summary for Subcatchment S2: LOT 2 POST[49] Hint: $T_c < 2dt$ may require smaller dt

Runoff = 0.87 cfs @ 11.91 hrs, Volume= 0.043 af, Depth= 3.20"

Runoff by SCS TR-20 method, UH=SCS, Weighted-Q, Time Span= 0.00-96.00 hrs, $dt=0.05$ hrs*Type II 24-hr 25-YEAR Rainfall=4.23"*

Area (ac)	CN	Description
* 0.080	98	New Impervious, HSG A
0.080	82	Woods/grass comb., Fair, HSG D
0.160		Weighted Average
0.080		50.00% Pervious Area
0.080		50.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.0					Direct Entry,

2025-51 Browns Ct 6-26-26

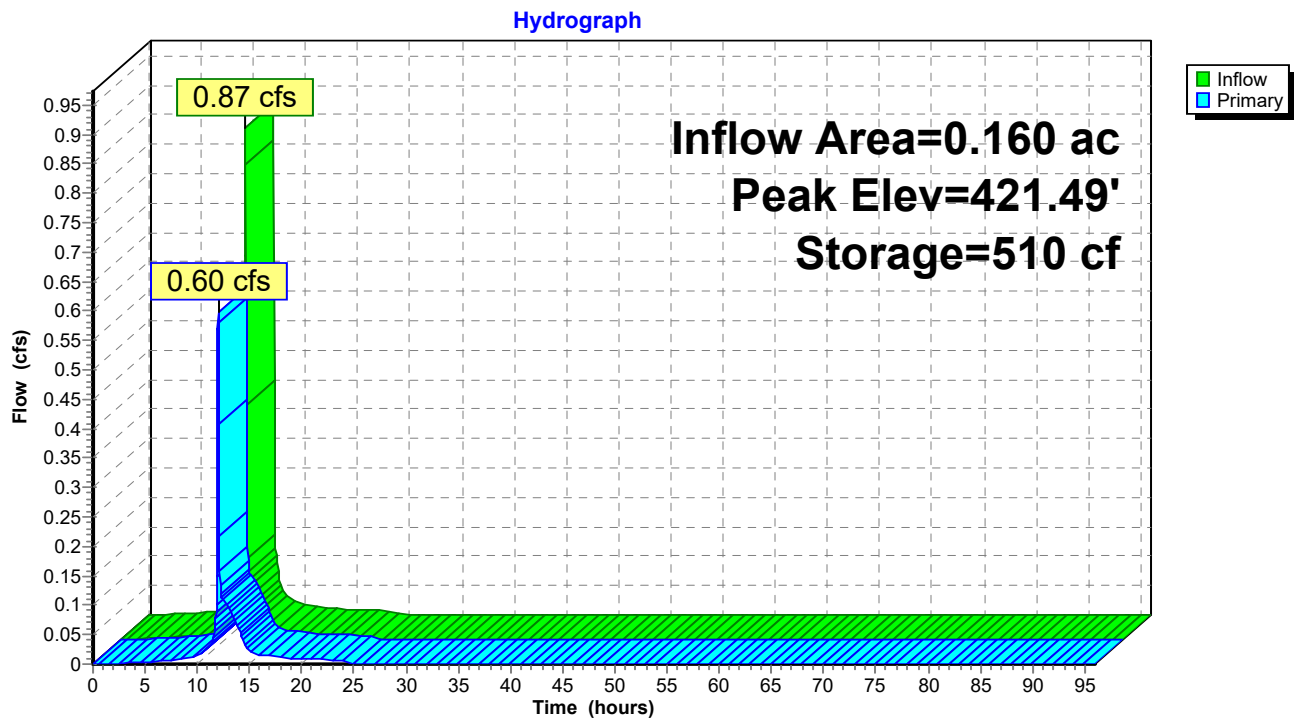
Type II 24-hr 25-YEAR Rainfall=4.23"

Prepared by {enter your company name here}

Printed 6/29/2026

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Pond POND: Dry Pond



Summary for Pond POND: Dry Pond

Inflow Area = 0.160 ac, 50.00% Impervious, Inflow Depth = 3.20" for 25-YEAR event
 Inflow = 0.87 cfs @ 11.91 hrs, Volume= 0.043 af
 Outflow = 0.60 cfs @ 11.98 hrs, Volume= 0.043 af, Atten= 31%, Lag= 3.8 min
 Primary = 0.60 cfs @ 11.98 hrs, Volume= 0.043 af

Routing by Stor-Ind method, Time Span= 0.00-96.00 hrs, dt= 0.05 hrs
 Peak Elev= 421.49' @ 11.98 hrs Surf.Area= 478 sf Storage= 510 cf

Plug-Flow detention time= 32.9 min calculated for 0.043 af (100% of inflow)
 Center-of-Mass det. time= 33.0 min (803.8 - 770.7)

Volume	Invert	Avail.Storage	Storage Description
#1	420.00'	778 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
420.00	208	0	0
422.00	570	778	778

Device	Routing	Invert	Outlet Devices
#1	Primary	420.00'	6.0" Round Culvert L= 10.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 420.00' / 419.75' S= 0.0250 ' S Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.20 sf
#2	Device 1	420.00'	2.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	421.25'	6.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=0.57 cfs @ 11.98 hrs HW=421.48' (Free Discharge)

1=Culvert (Passes 0.57 cfs of 0.83 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.12 cfs @ 5.68 fps)
 3=Orifice/Grate (Orifice Controls 0.45 cfs @ 2.29 fps)