

WATERSHED LEGEND

WATERSHED BOUNDARY

SA-33 SUB-CATCHMENT AREA

STORMWATER FLOW

Tc TIME OF CONCENTRATION
(SF=Sheet Flow / SC=Shallow Concentrated)

R-2 REACH

WmB SOIL BOUNDARY
(WmB = Windsor / De = Deerfield)

STORM DRAIN

POINT OF ANALYSIS

STRUCTURE

TEST PIT

LEGEND

- IRON PIPE OR ROD FOUND
- UTILITY POLE
- MANHOLE
- ⊗ ELECTRIC/GAS METER
- ⊕ SINK
- ⊕ CATCH BASIN
- ⊕ HYDRANT
- ⊕ WATER VALVE OR SHUTOFF
- ⊕ LIGHT POLE
- ⊕ IRRIGATION CONTROL VALVE
- ⊕ BOLLARD
- ⊕ DECIDUOUS TREE
- ⊕ CONIFEROUS TREE
- ⊕ INTERIOR LOT LINE
- ⊕ FENCE
- ⊕ CURB
- ⊕ OVERHEAD WIRES
- ⊕ UNDERGROUND ELECTRIC
- ⊕ GAS LINE
- ⊕ STORM DRAIN
- ⊕ SHARPLY SLOPING
- ⊕ 100'



REDEVELOPMENT PEAK FLOWRATE SUMMARY

Results @ DM#1 (POND 9)	Results @ DM#2 (POND 31)	PEAK FLOWRATE TO CITY STORM DRAIN
2 YEAR	2.77 cfs	2.77 cfs
10 YEAR	3.28 cfs	3.28 cfs
25 YEAR	3.83 cfs	3.83 cfs

- STORM DRAINAGE NOTES:**
- EXISTING CONDITIONS AND BOUNDARY INFORMATION TAKEN FROM A PLAN ENTITLED "BOUNDARY & TOPOGRAPHIC SURVEY ON STEVENS AVE, ARBOR ST., FOREST AVE. AND POLAND ST., PORTLAND, MAINE, MADE FOR MITCHELL & ASSOCIATES", DATED JANUARY 3, 2014, PREPARED BY OWN HASKELL, INC., FALMOUTH MAINE
 - ELEVATIONS ARE ON CITY DATUM, BASED ON BENCH MARK AT 3' OFFSET W/OUNTAIN UNDER COVER ON EASTERLY SIDE OF STEVENS AVENUE. BENCHMARK = 127.25.
 - EXISTING SOIL INFORMATION IS TAKEN FROM CUMBERLAND COUNTY MEDIUM INTENSITY SOIL SURVEY MAPS, SOIL CONSERVATION SERVICE SOIL SURVEY, 1974.
 - SOIL TEST PITS PERFORMED BY ALBERT FRICK ASSOCIATES, INC., GORHAM, MAINE, SEPTEMBER 2014.



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The Park Danforth

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Issued For:

Revisions:

Title: PRE-DEVELOPMENT STORMWATER PLAN

Scale: 1"=30'

North:

Sheet No.: D1.0

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