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Applicant:
 The Park Danforth
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The Park Danforth

Portland, Maine

777 Stevens Avenue

Date: OCTOBER 17, 2014

Issued For:

Revisions:

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Title: PRE-DEVELOPMENT STORMWATER PLAN

Scale: 1"=30'

North:

Sheet No.: **D1.0**

REDEVELOPMENT PEAK FLOWRATE SUMMARY

Results @ DMH#1 (POND 9)

STORM	TOTAL	TO CITY SD	DISCARDED
2 YEAR	3.73 cfs	2.12 cfs	1.60 cfs
10 YEAR	5.57 cfs	2.16 cfs	3.40 cfs
25 YEAR	6.00 cfs	2.17 cfs	3.83 cfs

Results @ AP#1 (REACH 11)

STORM	PEAK
2 YEAR	2.77 cfs
10 YEAR	3.28 cfs
25 YEAR	3.52 cfs

Results @ AP#2 (POND 31)

STORM	PEAK FLOWRATE TO CITY STORM DRAIN
2 YEAR	2.94 cfs
10 YEAR	5.00 cfs
25 YEAR	5.59 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 MONUMENT 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.

- ### WATERSHED LEGEND
- WATERSHED BOUNDARY
 - SUB-CATCHMENT AREA
 - STORMWATER FLOW
 - TIME OF CONCENTRATION (SF=Sheet Flow / SC=Shallow Concentrated)
 - REACH
 - SOIL BOUNDARY (WmB = Windsor / De = Deerfield)
 - STORM DRAIN
 - POINT OF ANALYSIS
 - STRUCTURE
 - TEST PIT

- ### LEGEND
- IRON PIPE OR ROD FOUND
 - MONUMENT FOUND
 - UTILITY POLE
 - MANHOLE
 - ELECTRIC/GAS METER
 - SIGN
 - 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
 - WATER LINE
 - GAS LINE
 - STORM DRAIN
 - SANITARY SEWER
 - 1" CONTOUR

