

Tc FLOW LINE DATA:

SUBCATCHMENT 1			
SEGMENT	LENGTH	SLOPE	FLOW TYPE
A-B	150'	0.024	SHEET FLOW
B-C	360'	0.065	SHALLOW CONCENTRATED FLOW
C-D	110'	0.011	TRAP FLOW

SUBCATCHMENT 2			
SEGMENT	LENGTH	SLOPE	FLOW TYPE
A-B	150'	0.073	SHEET FLOW
B-C	60'	0.035	SHALLOW CONCENTRATED FLOW
C-D	90'	0.025	SHALLOW CONCENTRATED FLOW

SUBCATCHMENT 3			
SEGMENT	LENGTH	SLOPE	FLOW TYPE
A-B	150'	0.015	SHEET FLOW
B-C	300'	0.013	SHALLOW CONCENTRATED FLOW
C-D	300'	0.023	TRAP FLOW
D-E	440'	0.020	PARABOLIC CHANNEL FLOW

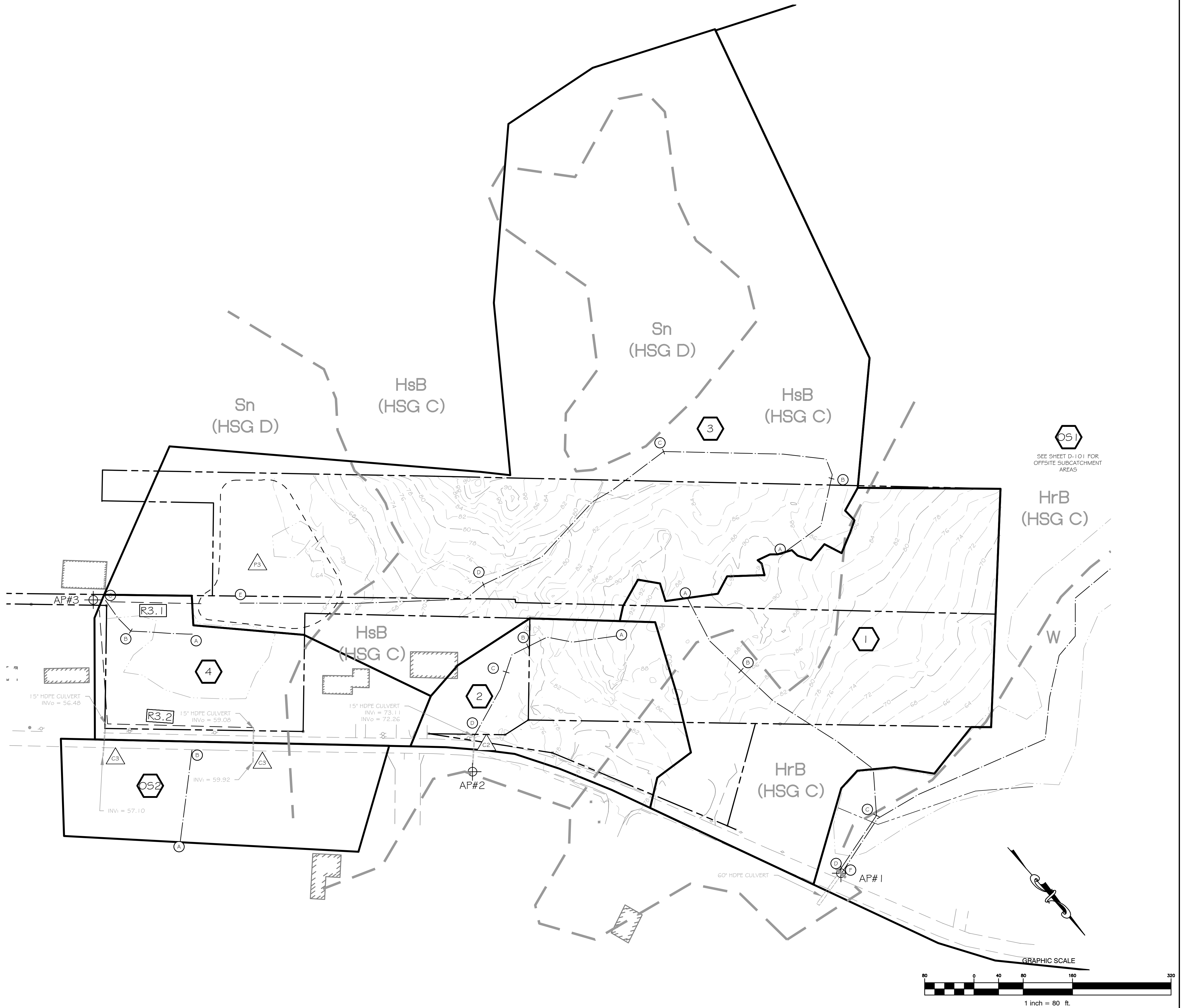
  

SUBCATCHMENT 4			
SEGMENT	LENGTH	SLOPE	FLOW TYPE
A-B	100'	0.035	SHEET FLOW
B-C	65'	0.031	SHALLOW CONCENTRATED FLOW

SOIL LEGEND:

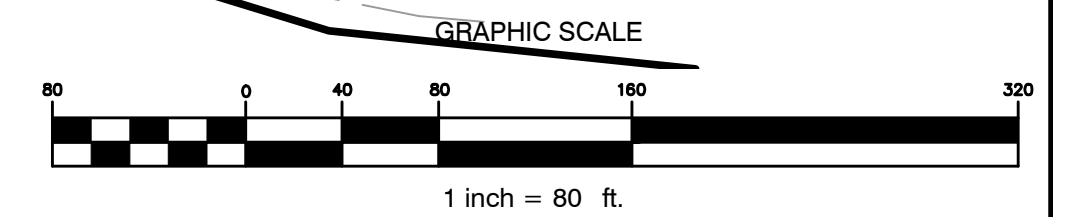
SYMBOL	DESCRIPTION	HYDROLOGIC SOIL GROUP
HsB	HOLLIS, VERY ROCKY, FINE SANDY LOAM, 3% TO 8% SLOPES	CD
HrB	HOLLIS, FINE SANDY LOAM, 3% TO 8% SLOPES	CD
Sn	SCANTIC SILT LOAM	D

SOURCE: SOIL SURVEY STAFF, NATURAL RESOURCES CONSERVATION SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE, WEB SOIL SURVEY, AVAILABLE ONLINE AT [HTTP://WEBSOILSURVEY.NRC.S.USDA.GOV/](http://websoilsurvey.nrcs.usda.gov/), ACCESSED 11/8/12.



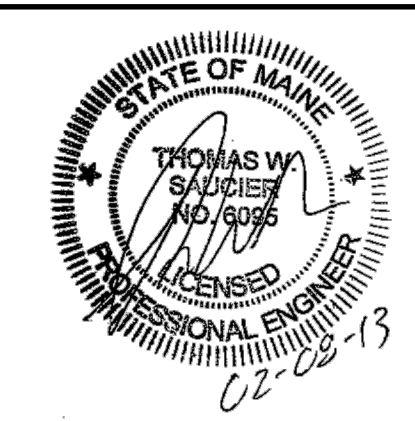
DRAINAGE LEGEND

- SUBCATCHMENT BOUNDARY
- SUBCATCHMENT DESIGNATION
- TIME OF CONCENTRATION FLOW
- REACH
- REACH DESIGNATION
- ANALYSIS POINT
- POND TEXT
- POND BOUNDARY
- SOIL BOUNDARY



Drawing Name: \\s1-02\projects\2013 - Ledgewood Drive Subdivision\LD0301 - Bates | Plot Date: / Time: Feb. 8, 11 / 3:05 PM

REV.	DATE	STATUS	BY	CHKD.	APPD.	REV.	DATE	STATUS	BY	CHKD.	APPD.
C	2/8/13	ISSUED TO THE CITY OF PORTLAND FOR FINAL APPROVAL		TWS	PBB						
B	1/9/13	ISSUED TO THE TOWN OF FALMOUTH FOR PRELIMINARY PLAN REVIEW		PBB	PBB						
A	1/1/13	ISSUED FOR CITY OF PORTLAND WORKSHOP		PBB	PBB						



**LAND DESIGN SOLUTIONS**  
 LAND PLANNING, SITE PLANNING & LANDSCAPE ARCHITECTURE  
 P.O. Box 316, 160 Longwoods Road, Cumberland, ME 04081 tel: (207) 434-1717  
 CLIENT: **TPO PROPERTIES, LLC**  
 30 LEDGEWOOD DRIVE, FALMOUTH, MAINE 04104

DESIGN:	PBB
DRAWN:	DEPT.
CHKD:	PBB
DATE:	JAN 2013
SCALE:	1" = 80'

**OLD BARN ESTATES**  
 1062 OCEAN AVENUE, PORTLAND, MAINE  
**PRE-DEVELOPMENT DRAINAGE PLAN**

PROJ. NO.		REV.	
DWG. NO.			

**D-100**