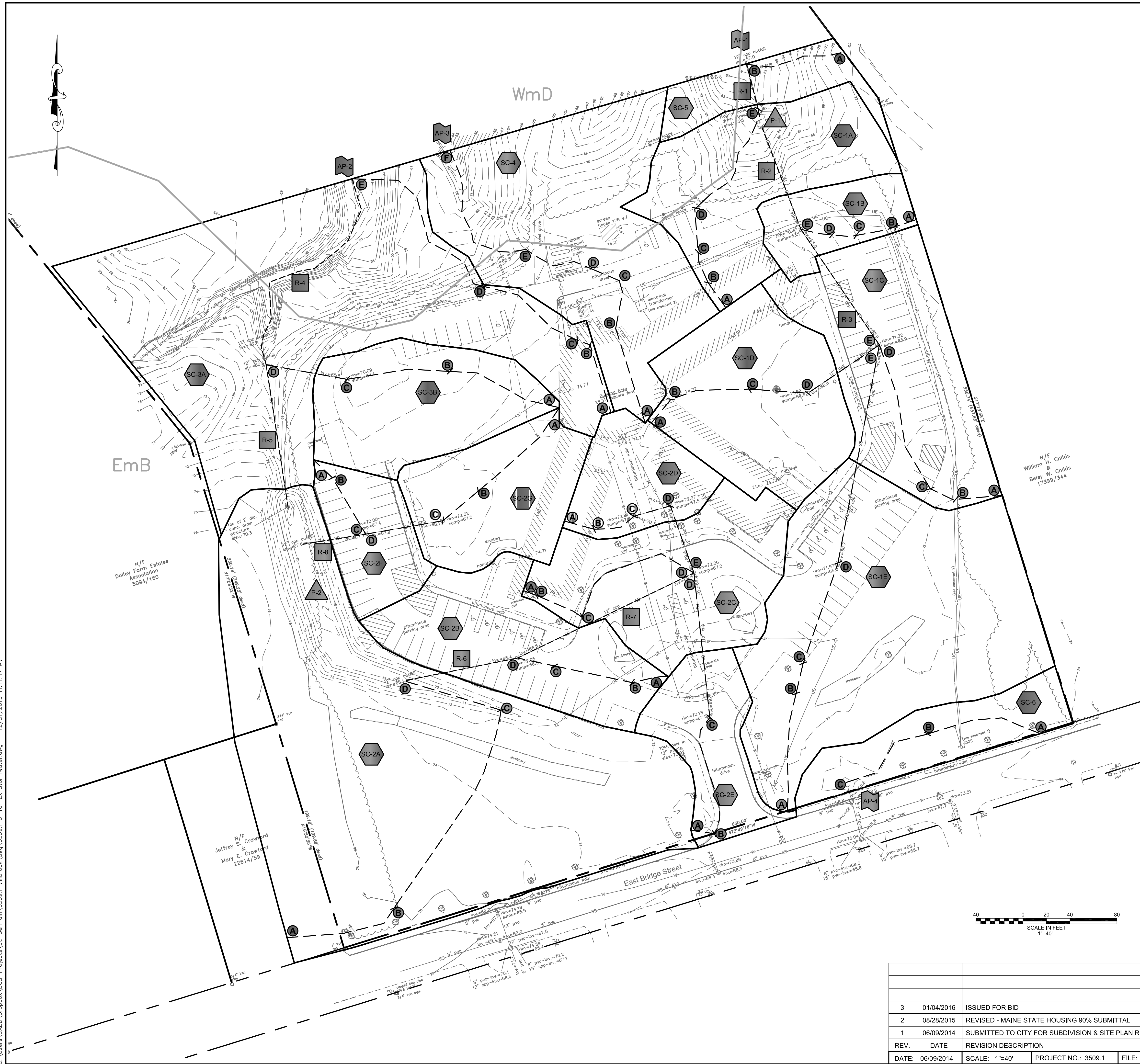


C:\Users\CADD\Documents\Projects\St. Germain\3509.1 Millbrook\Map\3509.1 D-101 Ex Stormwater.dwg 12/31/2015 11:11:17 AM



LEGEND:

- PROPERTY LINE
--- PROPERTY LINE (ABUTTERS)
---100--- EXISTING CONTOURS
- SUBCATCHMENT BOUNDARY
- TIME OF CONCENTRATION FLOW PATH
- REACH FLOW PATH
- SC-1 SUBCATCHMENT
AP-1 ANALYSIS POINT
- R-1 REACH
P-1 POND

SC-1A AREA: 20,812 SQ FT Tc: A-B SF L=26' S=0.4167 B-C SF L=27' S=0.0340 C-D SF L=47' S=0.0340 D-E SCF L=102' S=0.1010	SC-2A AREA: 84,419 SQ FT Tc: A-B SF L=100' S=0.0100 B-C SF L=194' S=0.0210 C-D SF L=84' S=0.0360	SC-3A AREA: 61,632 SQ FT Tc: A-B SF L=60' S=0.4167 B-C SCF L=11' S=0.4167 C-D SCF L=95' S=0.0360 D-E TRAP L=163' S=0.1290
SC-1B AREA: 7,229 SQ FT Tc: A-B SF L=18' S=0.0150 B-C SF L=35' S=0.0150 C-D SF L=20' S=0.0150 D-E SCF L=28' S=0.0150	SC-2B AREA: 19,329 SQ FT Tc: A-B SF L=33' S=0.0076 B-C SCF L=67' S=0.0076 C-D TRAP L=32' S=0.0076	SC-3B AREA: 17,102 SQ FT Tc: A-B SF L=100' S=0.0176 B-C SCF L=88' S=0.0176 C-D PIPE L=70' S=0.0001
SC-1C AREA: 24,914 SQ FT Tc: A-B SF L=42' S=0.0240 B-C SF L=21' S=0.0240 C-D SCF L=131' S=0.0100	SC-2C AREA: 21,683 SQ FT Tc: A-B SF L=12' S=0.4167 B-C SF L=43' S=0.0100 C-D SCF L=126' S=0.0075	SC-4 AREA: 35,292 SQ FT Tc: A-B SF L=85' S=0.4167 B-C SCF L=42' S=0.0119 C-D SCF L=25' S=0.0119 D-E SCF L=62' S=0.0400 E-F TRAP L=129' S=0.1200
SC-1D AREA: 21,153 SQ FT Tc: A-B SF L=26' S=0.4167 B-C SF L=74' S=0.0270 C-D SCF L=43' S=0.0270 D-E PIPE L=74' S=0.0310	SC-2D AREA: 9,387 SQ FT Tc: A-B SF L=26' S=0.4167 B-C SF L=38' S=0.0100 C-D PIPE L=32' S=0.0031 D-E PIPE L=61' S=0.0082	SC-5 AREA: 6,995 SQ FT Tc: A-B SF L=82' S=0.1890
SC-1E AREA: 46,546 SQ FT Tc: A-B SF L=100' S=0.0094 B-C SCF L=26' S=0.0094 C-D SCF L=91' S=0.0094 D-E PIPE L=189' S=0.0037	SC-2E AREA: 10,637 SQ FT Tc: A-B SF L=20' S=0.0100 B-C SCF L=105' S=0.0173 C-D PIPE L=124' S=0.0032	SC-6 AREA: 10,363 SQ FT Tc: A-B SF L=100' S=0.0150 B-C SCF L=86' S=0.0150
	SC-2F AREA: 8,399 SQ FT Tc: A-B SF L=21' S=0.0100 B-C SF L=55' S=0.0100	
	SC-2G AREA: 14,762 SQ FT Tc: A-B SF L=100' S=0.0176 B-C SCF L=39' S=0.0176 C-D PIPE L=67' S=0.0030	

SOILS TYPE LEGEND:

- SOIL BOUNDARY
- WmD WINDSOR (HYDROLOGIC SOIL GROUP: A)
- EmB ELMWOOD (HYDROLOGIC SOIL GROUP: B)
- SOIL TYPES FOR THE SITE WERE OBTAINED FROM MEDIUM INTENSITY SOILS MAPPING BY THE NATURAL RESOURCE CONSERVATION SERVICE.

EXISTING CONDITIONS WATERSHED PLAN

MILLBROOK ESTATES - PHASE II
300 EAST BRIDGE STREET
WESTBROOK, MAINE 04092

WESTBROOK DEVELOPMENT CORPORATION &
MILLBROOK ESTATES II, LP
30 LIZA HARMON DRIVE
WESTBROOK, MAINE 04092

St. Germain • Collins

D-101

3	01/04/2016	ISSUED FOR BID	DB	PJD
2	08/28/2015	REVISED - MAINE STATE HOUSING 90% SUBMITTAL	MCA	PJD
1	06/09/2014	SUBMITTED TO CITY FOR SUBDIVISION & SITE PLAN REVIEW	MCA	PJD
REV.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D
DATE:	06/09/2014	SCALE: 1"=40'	PROJECT NO.: 3509.1	FILE: 3509.1 D-101 Ex Stormwater

846 MAIN ST., WESTBROOK, ME 04092 TEL:207-591-7000 WWW.STGERMAINCOLLINS.COM