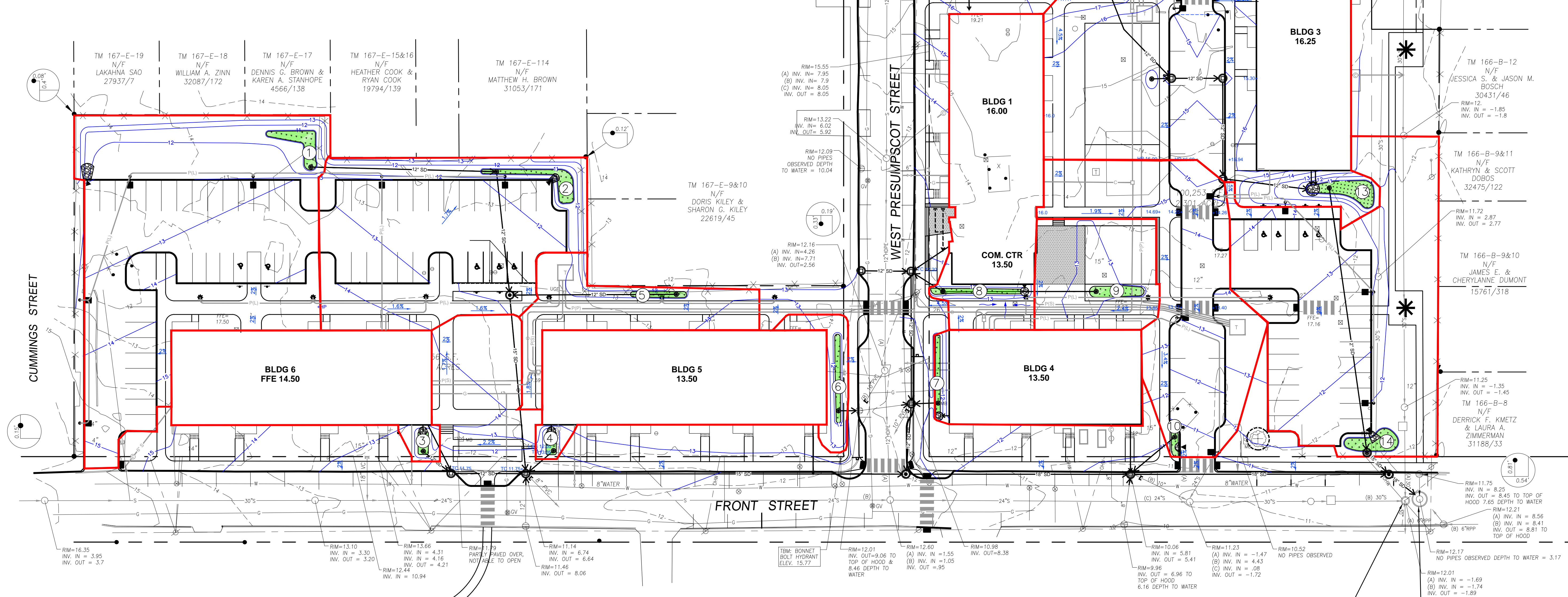


RAIN GARDEN SUMMARY INFORMATION									
RAIN GARDEN ID	DRAINAGE AREA (SF)	IMPERVIOUS AREA (SF)	% IMPERVIOUS	RAIN GARDEN BOTTOM ELEVATION	RIM ELEVATION	OVERFLOW/SPILL WAY ELEVATION	PONDING VOLUME (CF)	FOCAL POINT AREA (SF)*	QUANTITY OF R-TANK MODULES****
1	21,200	13,066	62	10.75	11.25	11.75	152	110	37
2	13,907	9,575	69	10.75	11.25	11.75	170	60	20
3	8,863	8,420	95	11.00	11.50	11.90	47	80	27
4	9,563	9,180	96	11.00	11.50	11.90	47	80	27
5	4,518	1,849	41	11.50	12.00	12.50	86	10	4
6	1287	103	8	11.50	12.00	12.50	100	NA**	NA**
7	6,725	6,322	94	11.00	11.50	11.90	84	40	14
8	9,989	9,066	91	11.50	12.00	12.30	109	70	24
9	4,597	4,426	96	12.00	12.50	13.18	75	30	10
10	10,862	6,300	58	9.87	10.20	10.50	20	50***	17
11	6,416	6,224	97	16.10	16.60	16.90	44	60	20
12	5,334	3,674	69	14.40	NA*****	14.90	19	40	14
13	23,729	15,640	66	10.90	11.40	11.90	198	120	40
14	17,175	9,855	57	10.50	11.00	11.90	136	80	27

* MIN. REQUIRED TO TREAT RUNOFF GENERATED BY 1.6 INCHES OF RAIN, UNLESS OTHERWISE INDICATED.
 ** STANDARD RAIN GARDEN - NO FOCAL POINT SYSTEM.
 *** MIN. REQUIRED TO TREAT RUNOFF GENERATED BY 1.0 INCHES OF RAIN.
 **** MODULES ARE 15.75"X28.15"X17.32"(TALL) WITH A 95% VOID RATIO FOR A STORAGE VOLUME OF 4.22 CF EACH.
 *****OVERFLOWS TO ILLSLEY STREET GUTTER AND THEN TO SEPARATED STORMDRAIN.

SUMMARY INFORMATION	
TOTAL AREA (SF)	171,509
TOTAL IMPERVIOUS AREA (SF)	109,012
% IMPERVIOUS AREA TREATED	95
% TOTAL AREA TREATED	87



LEGEND:

- 2" G GAS
- PIP PRIMARY ELECTRIC
- PE(S) SECONDARY ELECTRIC
- PLI LIGHTING CONDUIT
- C COMMUNICATIONS
- 18" SD STORM DRAIN
- 6" S SANITARY SEWER
- 2" W WATER
- TRANSFORMER
- COMMUNICATIONS JUNCTION
- SS/SD STRUCTURE
- FIELD INLET
- RAIN GARDEN
- CAP ON EXISTING SD/SS
- CURB OPENING
- ENERGY DISSIPATOR

SCALE in FEET 1"=20'

FOR PERMITTING

ANALYSIS POINT A
30" COMBINED SEWER
(PRE DEVELOPMENT)

ANALYSIS POINT A'
48" STORMDRAIN
(POST DEVELOPMENT)

Front Street Redevelopment

Front Street
Portland, ME

Applicant:

PORTLAND HOUSING
MAINE

FRONT STREET HOUSING
REDEVELOPMENT, LP
14 BAXTER BLVD.
PORTLAND, ME 04101

Consultants:

utile
Utile, Inc. | Architecture + Planning
50 Summer Street | Boston, MA 02110

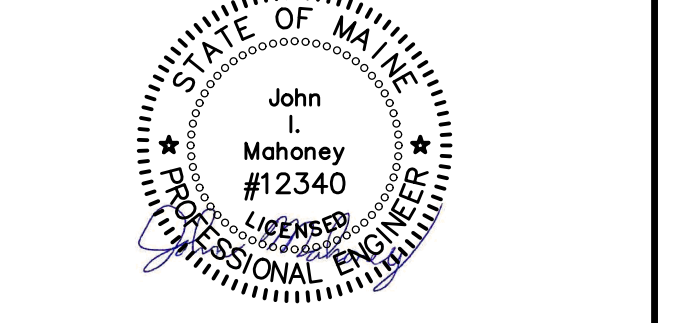
Architect:
Utile
50 Summer St
Boston, MA 02111
(617) 423-7200

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Consulting, Inc.

Civil Engineer
Ransom Consulting, Inc.
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Portland, Maine 04101
207-772-2891



STORMWATER PLAN		
No.	Revision/Issue	Date
A	PERMITTING	10-10-17
Design by:	JIM	Checked by: SJB
Drawn by:	TGN	Approved by: SJB
Project:	151.06170	
Sheet No:	C-5.0	