

NOTES:

1. The development is required to comply with the City/Maine DEP water quality treatment standards. These standards will be met by the incorporation of the following, as evidenced in the approved Master Plan documents:

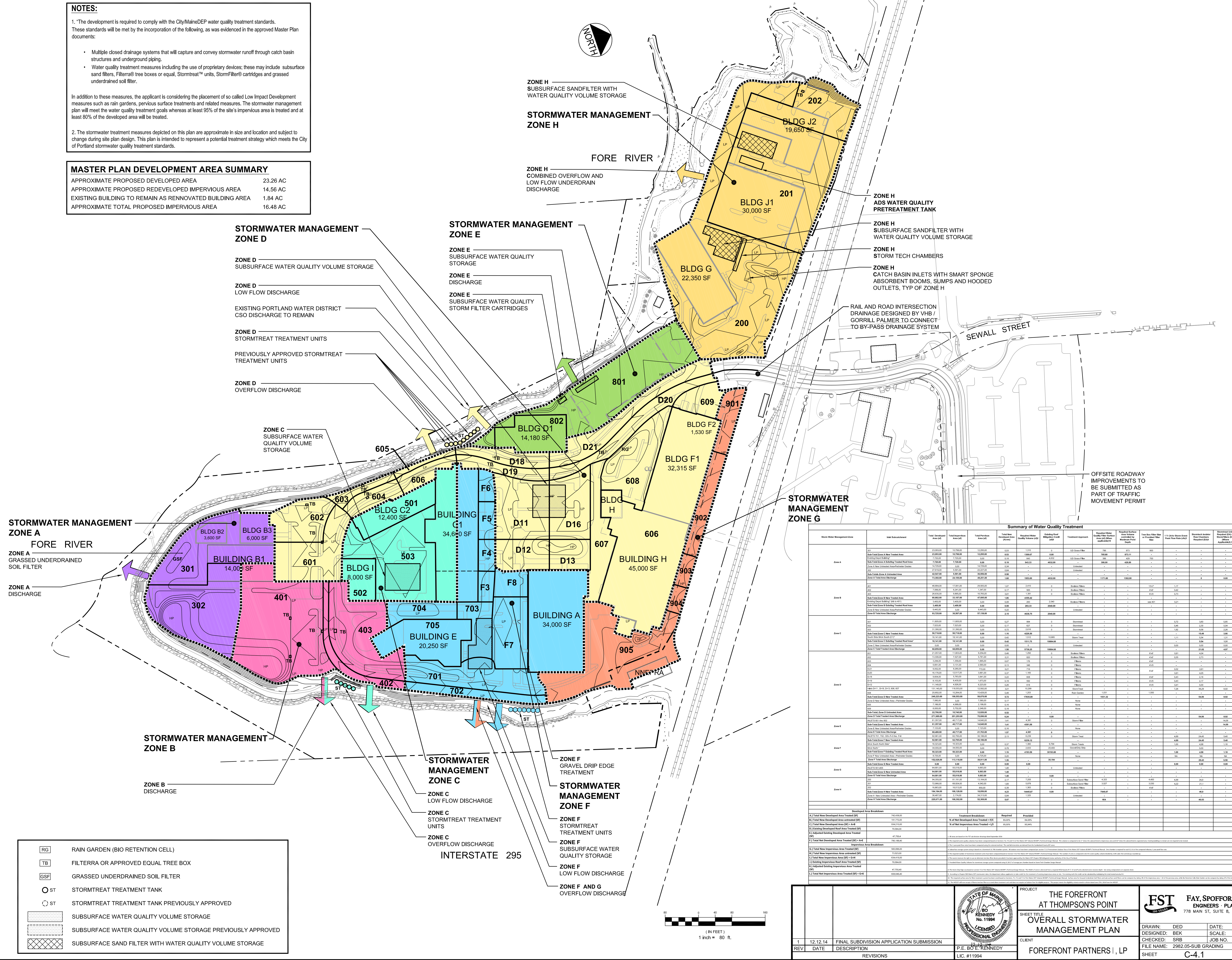
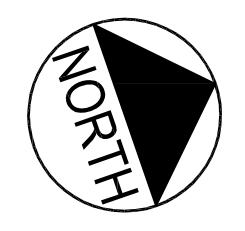
- Multiple closed drainage systems that will capture and convey stormwater runoff through catch basin structures and underground piping.
- Water quality treatment measures including the use of proprietary devices; these may include subsurface sand filters, Filterra® tree boxes or equal, Stormtreat™ units, StormFiller® cartridges and grassed underdrained soil filter.

In addition to these measures, the applicant is considering the placement of so called Low Impact Development measures such as rain gardens, pervious surface treatments and related measures. The stormwater management plan will meet the water quality treatment goals whereas at least 95% of the site's impervious area is treated and at least 80% of the developed area will be treated.

2. The stormwater treatment measures depicted on this plan are approximate in size and location and subject to change during site plan design. This plan is intended to represent a potential treatment strategy which meets the City of Portland stormwater quality treatment standards.

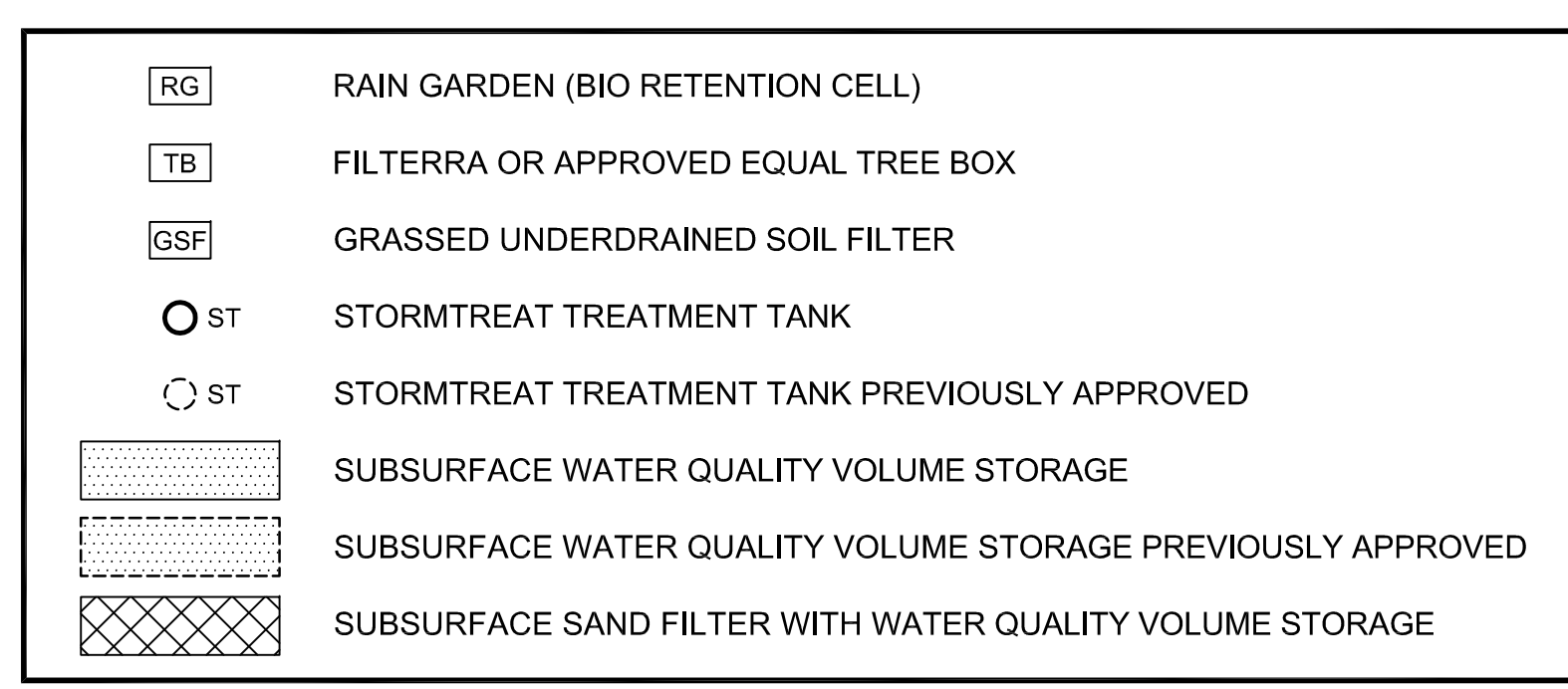
MASTER PLAN DEVELOPMENT AREA SUMMARY

APPROXIMATE PROPOSED DEVELOPED AREA	23.26 AC
APPROXIMATE PROPOSED REDEVELOPED IMPERVIOUS AREA	14.56 AC
EXISTING BUILDING TO REMAIN AS RENNOVATED BUILDING AREA	1.84 AC
APPROXIMATE TOTAL PROPOSED IMPERVIOUS AREA	16.48 AC



Summary of Water Quality Treatment

Storm Water Management Zone	Sub-Subtotal	Total Developed Area (sq ft)	Total Impervious Area (sq ft)	Total Permeable Area (sq ft)	Total Area (sq ft)	1 Year Storm Event Runoff Volume (cu ft)	2 Year Storm Event Runoff Volume (cu ft)	5 Year Storm Event Runoff Volume (cu ft)	10 Year Storm Event Runoff Volume (cu ft)	15 Year Storm Event Runoff Volume (cu ft)	20 Year Storm Event Runoff Volume (cu ft)	25 Year Storm Event Runoff Volume (cu ft)	30 Year Storm Event Runoff Volume (cu ft)	40 Year Storm Event Runoff Volume (cu ft)	50 Year Storm Event Runoff Volume (cu ft)	60 Year Storm Event Runoff Volume (cu ft)	75 Year Storm Event Runoff Volume (cu ft)	100 Year Storm Event Runoff Volume (cu ft)
Zone A	BLDG B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57, B58, B59, B60, B61, B62, B63, B64, B65, B66, B67, B68, B69, B70, B71, B72, B73, B74, B75, B76, B77, B78, B79, B80, B81, B82, B83, B84, B85, B86, B87, B88, B89, B90, B91, B92, B93, B94, B95, B96, B97, B98, B99, B100, B101, B102, B103, B104, B105, B106, B107, B108, B109, B110, B111, B112, B113, B114, B115, B116, B117, B118, B119, B120, B121, B122, B123, B124, B125, B126, B127, B128, B129, B130, B131, B132, B133, B134, B135, B136, B137, B138, B139, B140, B141, B142, B143, B144, B145, B146, B147, B148, B149, B150, B151, B152, B153, B154, B155, B156, B157, B158, B159, B160, B161, B162, B163, B164, B165, B166, B167, B168, B169, B170, B171, B172, B173, B174, B175, B176, B177, B178, B179, B180, B181, B182, 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PROJECT: THE FOREFRONT AT THOMPSON'S POINT

SHEET TITLE: OVERALL STORMWATER MANAGEMENT PLAN

CLIENT: FOREFRONT PARTNERS | LP

DESIGNED: BEK **DATE:** SEPT 2014

CHECKED: SRB **SCALE:** 1" = 80'

FILE NAME: 2982.05-SUB GRADING **JOB NO.:** 2982.05

SHEET: C-4.1

REVISIONS:

REV	DATE	DESCRIPTION
1	12.12.14	FINAL SUBDIVISION APPLICATION SUBMISSION