

PROP. INFILTRATION SYSTEM #2 CONSISTING OF 25 CULTEC 180HD LEACHING CHAMBERS EMBEDDED IN 0.5' OF CRUSHED STONE ON ALL SIDES AND BENEATH
 BOTTOM OF CHAMBERS=3.5
 TOP OF CHAMBERS=5.2
 10" ADS PIPE INV. INTO CHAMBERS=4.3
 (CONTRACTOR TO EXCAVATE TESTPIT FOR ENGINEER TO VERIFY DEPTH TO GROUNDWATER PRIOR TO CONSTRUCTION.)

PROP. INFILTRATION SYSTEM #1 CONSISTING OF 20 CULTEC 180HD LEACHING CHAMBERS EMBEDDED IN 0.5' OF CRUSHED STONE ON ALL SIDES AND BENEATH
 BOTTOM OF CHAMBERS=6.6
 TOP OF CHAMBERS=8.3
 10" ADS PIPE INV. INTO CHAMBERS=7.4
 (CONTRACTOR TO EXCAVATE TESTPIT FOR ENGINEER TO VERIFY DEPTH TO GROUNDWATER PRIOR TO CONSTRUCTION.)

SOIL TEST DATA

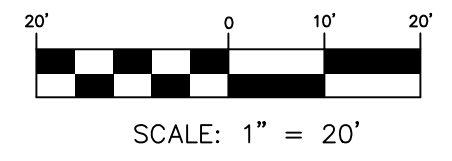
SOIL TESTING AND EVALUATION BY: JAMES GARFIELD, S.E.#14162
 DATE: JANUARY 31, 2018

TP-3	APPROX. GRADE EL. 9.5		
EL. 4.9	55"	FILL	
EL. 3.9	67"	C HORIZON LOAMY SAND 2.5Y 6/1	

WEEPING OBSERVED: NONE
 MOTTLING OBSERVED: NONE
 PERC. RATE: NONE

TEST PIT 3 (SEE SOIL TEST DATA)
 50' WETLAND SETBACK (NO VEGETATION TO BE REMOVED WITHIN 50' SETBACK)
 E5-39-65 N/F
 2 SMITH PLACE REALTY DEVELOPMENT, INC.

LIMIT OF INLAND BANK AS DELINEATED BY BRAD HOLMES, P.W.S. IN JUNE 2016 (RE-VERIFIED ON 3/3/21).
 WETLAND DELINEATION REVIEWED BY WESTON & SAMPSON ENGINEERS INC., SEE MEMORANDUM DATED 4/21/21

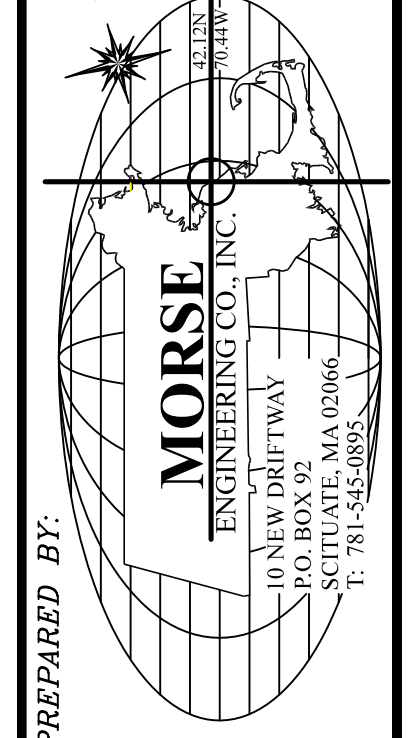
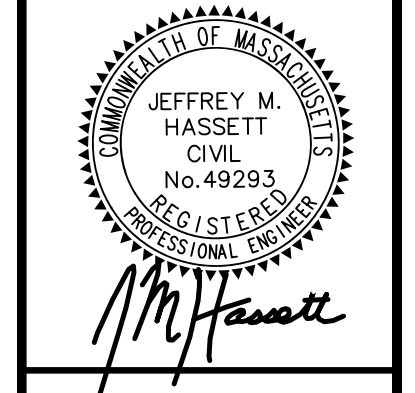


GENERAL UTILITY NOTES:

- 1) ALL UTILITY CONNECTIONS TO BE COORDINATED WITH THE RESPECTIVE UTILITY COMPANIES.
- 2) ALL WATER & SEWER CONNECTIONS TO BE INSTALLED PER COHASSET DPW STANDARDS.
- 3) CONTRACTOR TO COORDINATE WORK AROUND JAMES BROOK CULVERT WITH COHASSET DPW.
- 4) BUILDING DOWNSPOUTS TO BE CONNECTED TO ROOF DRYWELL SYSTEMS WITH 6" ADS DOWNSPOUT LATERAL CONNECTIONS & 10" MANIFOLD/COLLECTION PIPES, S=0.01(MIN).

6 6/8/21 PER DPW SITE VISIT.

REV.	DATE	DESCRIPTION
1	3/29/21	REVIEW ENGINEER COMMENTS.
2	4/9/21	REVIEW ENGINEER COMMENTS.
3	4/27/21	REVIEW ENGINEER & PLANNING BOARD COMMENTS.
4	5/11/21	REVIEW ENGINEER COMMENTS.



PROJECT: PROPOSED REDEVELOPMENT SITE PLAN
 1 PLEASANT STREET
 (ASSESSOR'S PARCELS E5-18-18)
 COHASSET, MASSACHUSETTS

OWNER/APPLICANT:
 MARVELL PROPERTIES, LLC
 1 PLEASANT STREET, SUITE 12
 COHASSET, MA 02025

JOB NO:	19-172
SCALE:	AS NOTED
DESIGN:	JDG
CHK:	JMH
DATE:	1/4/21
PLAN TITLE:	GRADING & UTILITY PLAN
SHEET:	4 OF 11