

ACTION	DATE	DESCRIPTION

**FEEM:**  
LOCUS LIES IN F.I.R.M. ZONE X AS SHOWN ON COMMUNITY PANEL NO. 2502300117K DATED NOVEMBER 4, 2016.

**DATUM:**  
ELEVATIONS SHOWN HEREON REFERENCE AN ASSUMED VERTICAL DATUM.

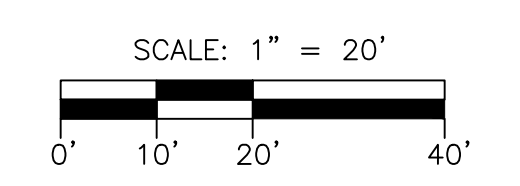
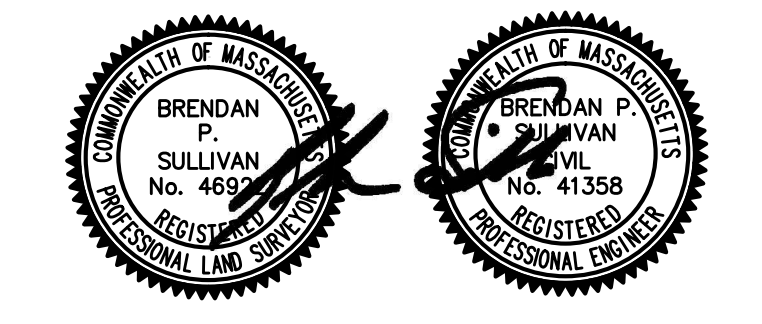
**OWNER OF RECORD:**  
CHIEF JUSTICE LLC  
61 BURNS WAY  
WEYMOUTH, MA 02190  
ASSESSOR'S PARCEL: 65 - 70  
DEED BOOK: 47682, PAGE: 176

**UTILITIES:**  
UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON VISIBLE ABOVE GROUND UTILITIES AND RECORD INFORMATION OF BELOW GROUND UTILITIES AND ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR TAKING ALL NECESSARY PRECAUTIONS BEFORE BEGINNING ANY EXCAVATION. (DIGSAFE 1-800-322-4844)

**REMOVE & REPLACE NOTES:**  
REMOVE ALL UNSUITABLE MATERIAL WITHIN 5' OF THE PROPOSED SYSTEM AND AN AVERAGE OF 30 FEET BELOW THE EXISTING SURFACE ELEVATION OR UNTIL THE SECOND C-LAYER IS ENCOUNTERED, AS SOIL STRATA VARIES. REPLACE SAME UP TO THE TOP OF THE CHAMBER (ELEVATION 94.4±) WITH CLEAN, GRANULAR FILL IN ACCORDANCE WITH 310 CMR 15.255(3). APPROXIMATE QUANTITY OF SAND FILL = 1,900± CUBIC YARDS. (INCLUDES 20% FOR COMPACTION.)

\* FILL QUANTITIES ARE APPROXIMATE ONLY AND MAY VARY ACCORDING TO SOIL CONDITIONS ENCOUNTERED AT THE TIME OF CONSTRUCTION. CONTRACTOR TO VERIFY IN FIELD AS CONSTRUCTION COSTS MAY BE AFFECTED.

**SITE SPECIFIC NOTES:**  
1. THE INTENT OF THIS DESIGN IS TO MEET STATE AND LOCAL SANITARY CODES TO THE EXTENT POSSIBLE, GIVEN THE FAILED EXISTING SEPTIC SYSTEM AND POOR SITE CONDITIONS ENCOUNTERED. THE DESIGNER DOES NOT WARRANT, OR REPRESENT, THAT THE SYSTEM WILL BE INSTALLED AS DESIGNED, NOR DOES THE DESIGNER ASSURE THE OPERATION AND PERFORMANCE OVER TIME.  
2. ALL TANKS SHALL BE WATERTIGHT THROUGH MANUFACTURER'S SPECIFICATION & WARRANTY.  
3. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR EQUAL FOR FUTURE RELOCATION IN ACCORDANCE 310 CMR 15.221(12).  
4. ALL BOOTS OR PIPE JOINTS TO BE SEALED WITH HYDRAULIC CEMENT OR INSTALLED WITH WATERTIGHT SLEEVES IN ACCORDANCE WITH 310 CMR 15.405(1)(j).  
5. ANY REQUIRED TREE REMOVAL SHALL BE REVIEWED WITH THE HOMEOWNER PRIOR TO THE START OF CONSTRUCTION, AS ADDITIONAL COSTS MAY BE INCURRED.

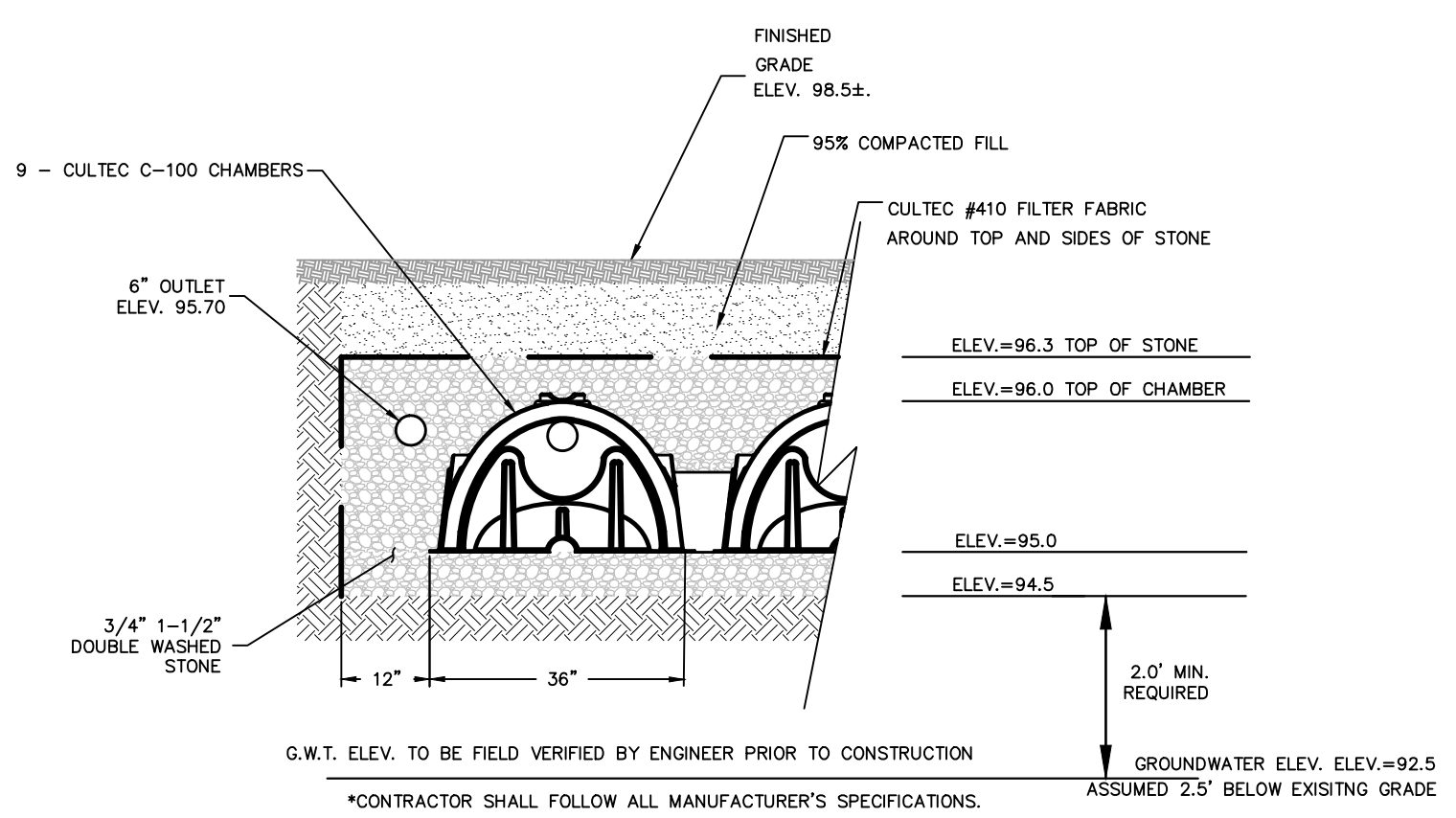


**CAVANARO CONSULTING**  
687 MAIN STREET  
P.O. BOX 5175  
NORWELL, MASSACHUSETTS 02061  
PHONE: 781.659.8187  
FAX: 781.659.8186

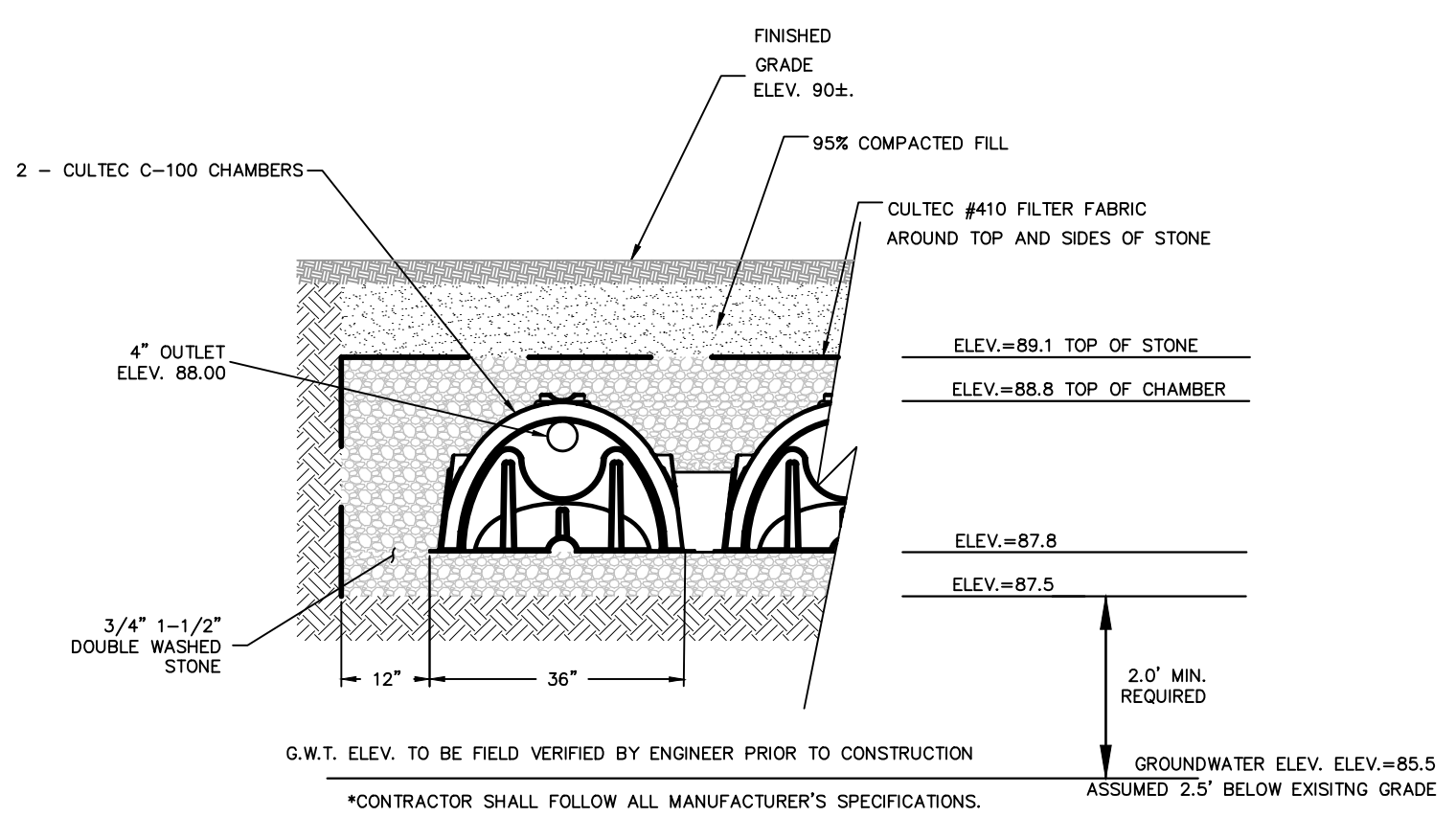
**SITE PLAN**  
156 JUSTICE CUSHING WAY  
HINGHAM, MA 02043

PREPARED FOR:  
**FRED BUTTS**  
51 BURNS WAY  
S. WEYMOUTH, MA 02190

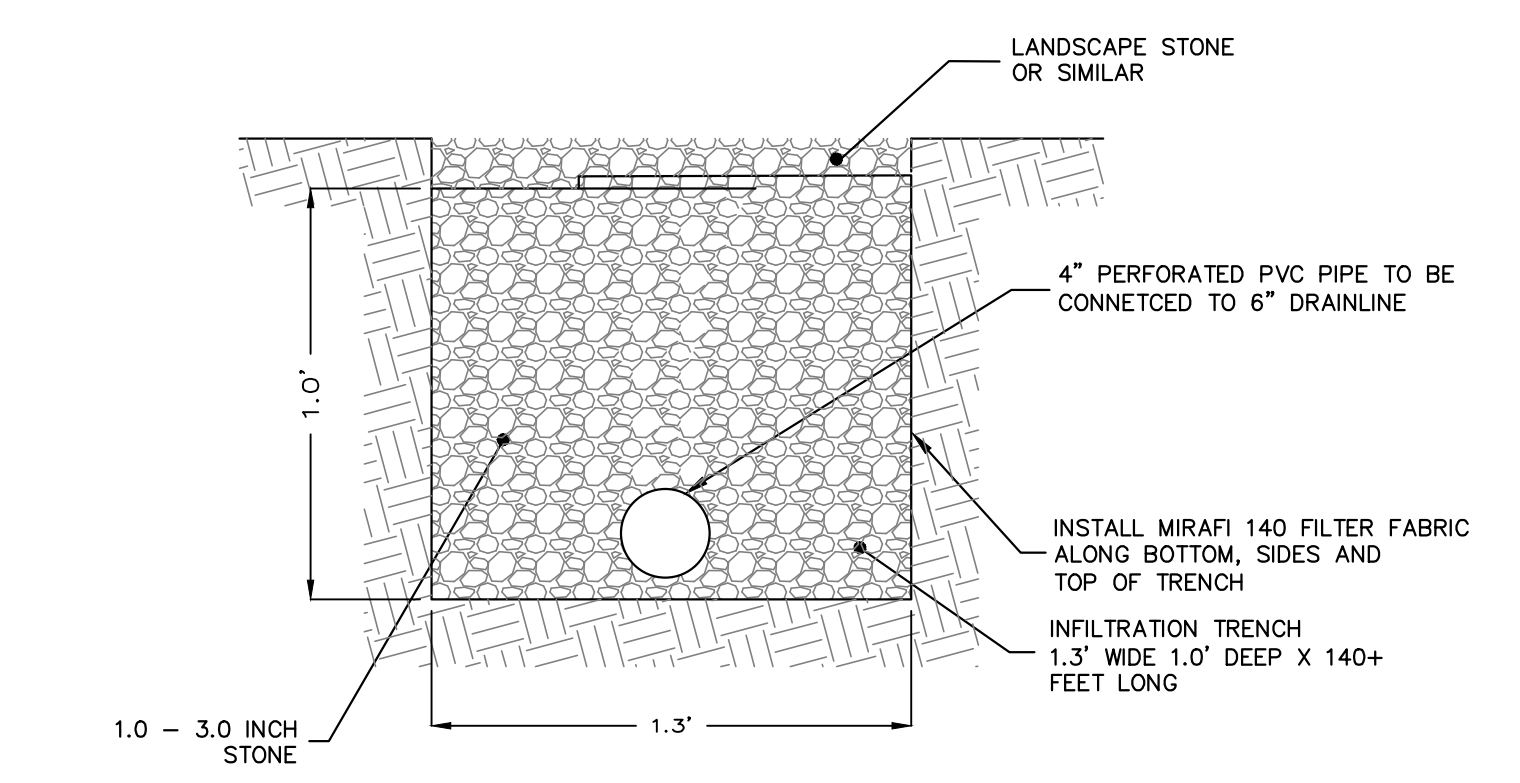
PROJECT NO. : 18124	DRAWING NO.
SCALE : 1"=20'	<b>SP</b>
DATE : 7/23/19	
DESIGNED BY : BPS	SHEET NO. 1 OF 1
DRAWN BY : DB	FILENAME:
CHECKED BY : BPS	X:\PROJECTS\2018\18062\DWG\18062_B04.DWG



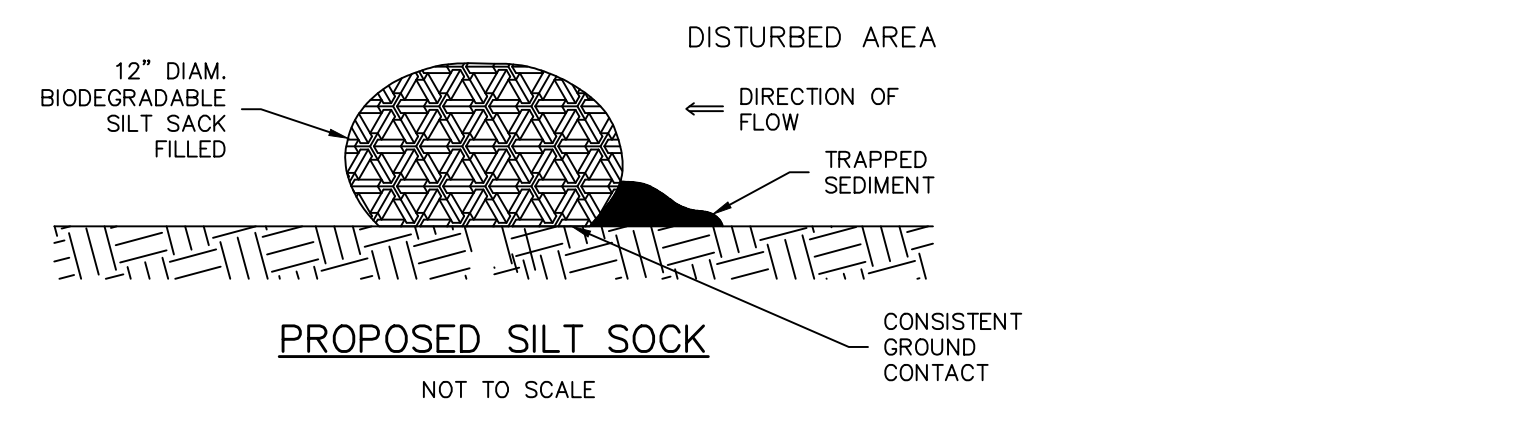
**STORMWATER SUBSURFACE INFILTRATION DETAIL - FRONT YARD**  
N.T.S.



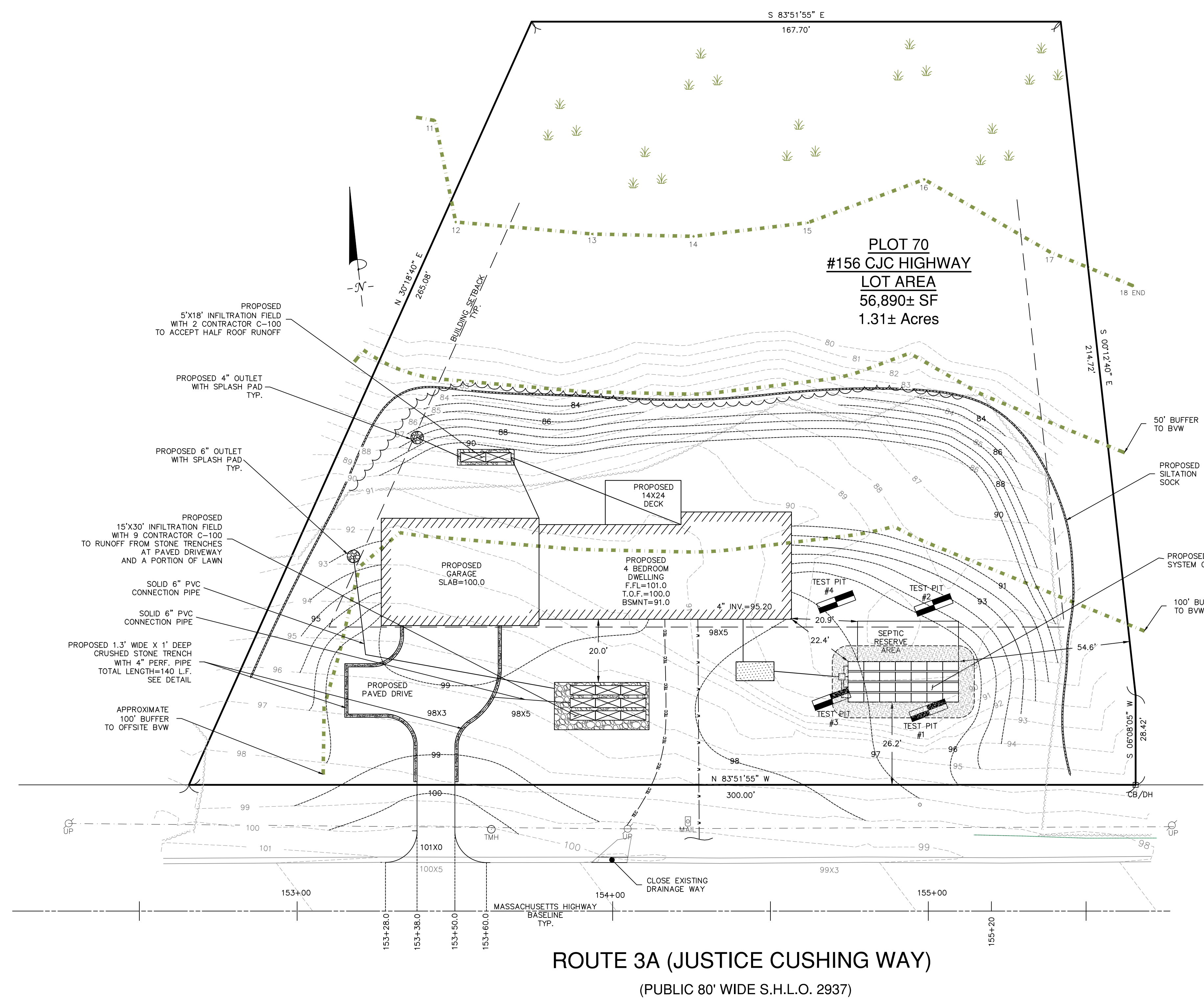
**5' x 18' STORMWATER SUBSURFACE INFILTRATION DETAIL - BACK YARD**  
N.T.S.



**INFILTRATION TRENCH**  
NOT TO SCALE



**PROPOSED SILT SOCK**  
NOT TO SCALE



**ROUTE 3A (JUSTICE CUSHING WAY)**  
(PUBLIC 80' WIDE S.H.L.O. 2937)

**SOIL LOGS** Date: August 22-24, 2018

BOH AGENT: Susan Sorri/Betty Nee - Hingham B.O.H.  
SOILS EVALUATOR: Brendan Sullivan P.E. - Cavanaro Consulting  
EXCAVATOR: Al Emanuelli

TP No. 1	TP No. 2	TP No. 3	TP No. 4
Grnd El. 90.3± G.W. El. 87.3±	Grnd El. 88.5± G.W. El. 86.0±	Grnd El. 90.0± G.W. El. 87.0±	Grnd El. 88.4± G.W. El. 85.7±
0' A Horizon SANDY LOAM	0' A Horizon SANDY LOAM	0' A Horizon SANDY LOAM	0' A Horizon SANDY LOAM
8' B Horizon SANDY LOAM	10' B Horizon SANDY LOAM	8' B Horizon SANDY LOAM	11' B Horizon SANDY LOAM
36' C1 Horizon SILT LOAM	30' C1 Horizon SILT LOAM	36' C1 Horizon SILT LOAM	32' C1 Horizon SILT LOAM
< 2 min./inch Perk @ 372"	< 2 min./inch Perk @ 352"	< 2 min./inch Perk @ 360"	< 2 min./inch Perk @ 240"
Mottles @ 36" No Water	Mottles @ 30" No Water	Mottles @ 36" No Water	Mottles @ 32" No Water
360"(30')	240"(20')	360"(30')	240"(20')



**LEGEND**

○ DMH	DRAIN MANHOLE	- - - - -	EXIST. CONTOUR
□ CBN	CATCH BASIN	x 100.2	EXIST. SPOT GRADE
◇ HYD	HYDRANT	- - - - -	PROPOSED CONTOUR
◇ UP	UTILITY POLE	x 100.00	PROPOSED SPOT
◇ LP	LIGHT		HAYBALES
◇ WG	WATER GATE	-----	WETLAND LINE
◇ WS	WATER SERVICE	---	TP
○	EXISTING TREE	---	TEST PIT AND/OR PERC TEST LOCATION
○	STONE WALL		