## NOTES:

FG =¥

. INFORMATION SHOWN ON THIS PLAN IS THE RESULT OF A FIELD SURVEY PERFORMED BY SPRUHAN ENGINEERING, P.C. AS OF 03/30/2022

2. DEED REFERENCE: BOOK 75738, PAGE 215 PLAN REFERENCE 1: BOOK 1404 OF 1964 PLAN REFERENCE 2: PLAN 4926 OF 1893 PLAN REFERENCE 3: PLAN 4927 OF 1893 PLAN REFERENCE 4: 34 BROOKSIDE AVE. SEWER, WD 3 OF 1919 PLAN REFERENCE 5: 34 BROOKSIDE AVE. WATER, WD 2 OF 1919 MIDDLESEX COUNTY SOUTH DISTRICT REGISTRY OF DEEDS

3. THIS PLAN IS NOT INTENDED TO BE RECORDED.

4. I CERTIFY THAT THE DWELLING SHOWN IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE X, ON FLOOD HAZARD BOUNDARY MAP NUMBER 25017C0566E, IN COMMUNITY NUMBER: 250208, DATED 06/04/2010.

5. THE ORDINANCE FLOODPLAIN ASSOCIATED WITH CHEESE CAKE BROOK NEAR THE SITE (30' FROM CENTERLINE OF THE CHANNEL) DOES NOT EXTEND ONTO THE SUBJECT SITE.

5. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT USES OF THE LAND; HOWEVER THIS NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.

7. FIRST FLOOR ELEVATIONS ARE TAKEN AT THRESHOLD.

8. NO RESPONSIBILITY IS TAKEN FOR ZONING TABLE AS SPRUHAN ENGINEERING, P.C. ARE NOT ZONING EXPERTS. TABLE IS TAKEN FROM TABLE PROVIDED BY LOCAL ZONING ORDINANCE. CLIENT AND/OR ARCHITECT TO VERIFY THE ACCURACY OF ZONING ANALYSIS.

9. THE ELEVATIONS SHOWN ARE BASED ON CITY OF NEWTON DATUM.

10 ZONING INFORMATION: MR1. LOT WAS CREATED BEFORE 1953.

EXISTING DEGRADED AREA WITHIN THE RIVERFRONT AREA				
	EXISTING			
HOUSE, PORCH, WINDOW WELL	902 S.F			
FRONT AND REAR LANDINGS AND STEPS	127 S.F			
PAVED AND GRAVEL DRIVEWAY	492 S.F			
FRONT CONCRETE WALKWAY	169 S.F			
TOTAL:	1,690 S.F			

EXISTING IMPERVIOUS AREA					
	EXISTING				
HOUSE, PORCH, WINDOW WELL	902 S.F				
GARAGE	287 S.F				
PAVED DRIVEWAY	341 S.F				
GRAVEL DRIVEWAY	481 S.F				
FRONT AND REAR LANDINGS AND STEPS	127 S.F				
FRONT CONCRETE WALKWAY	169 S.F				
RETAINING WALLS	295 S.F				
TOTAL:	2,602 S.F				

FG =

- **XX** 59.0

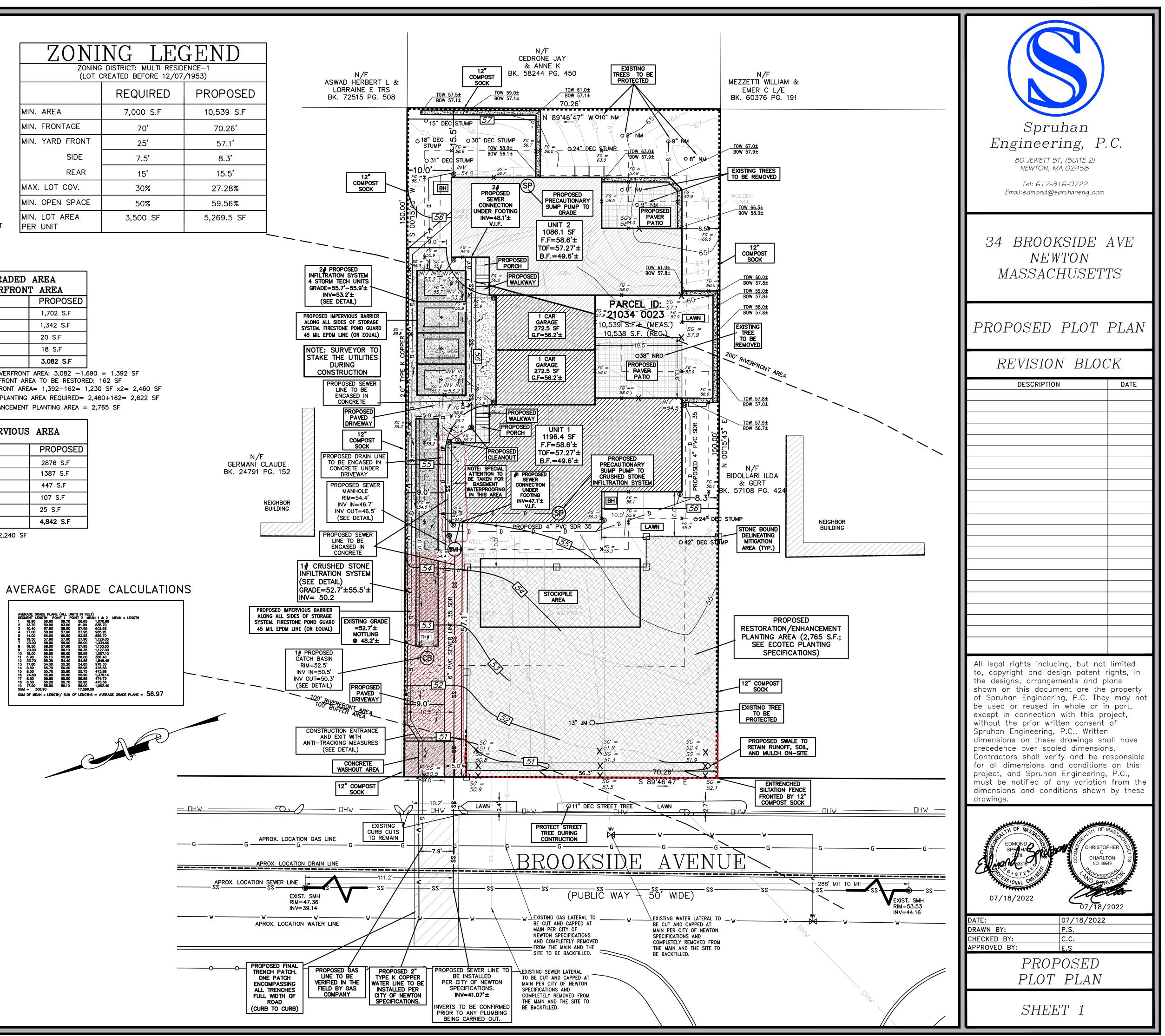
—13.7'——

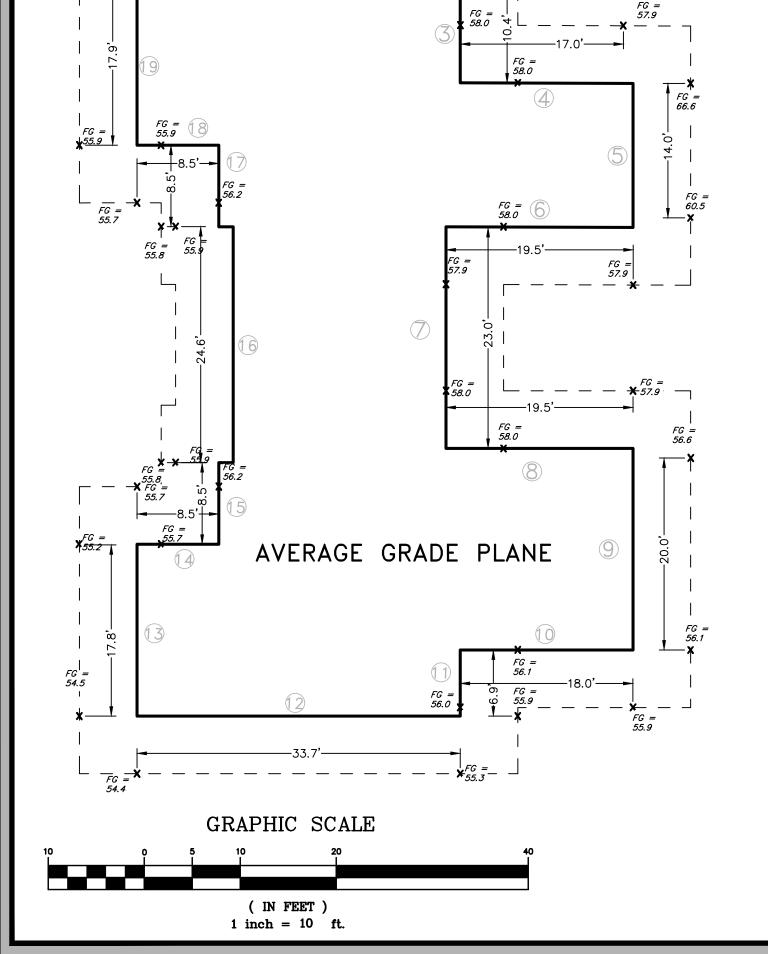
EA REA
ROPOSED
,702 S.F
,342 S.F
0 S.F
8 S.F
,082 S.F
1

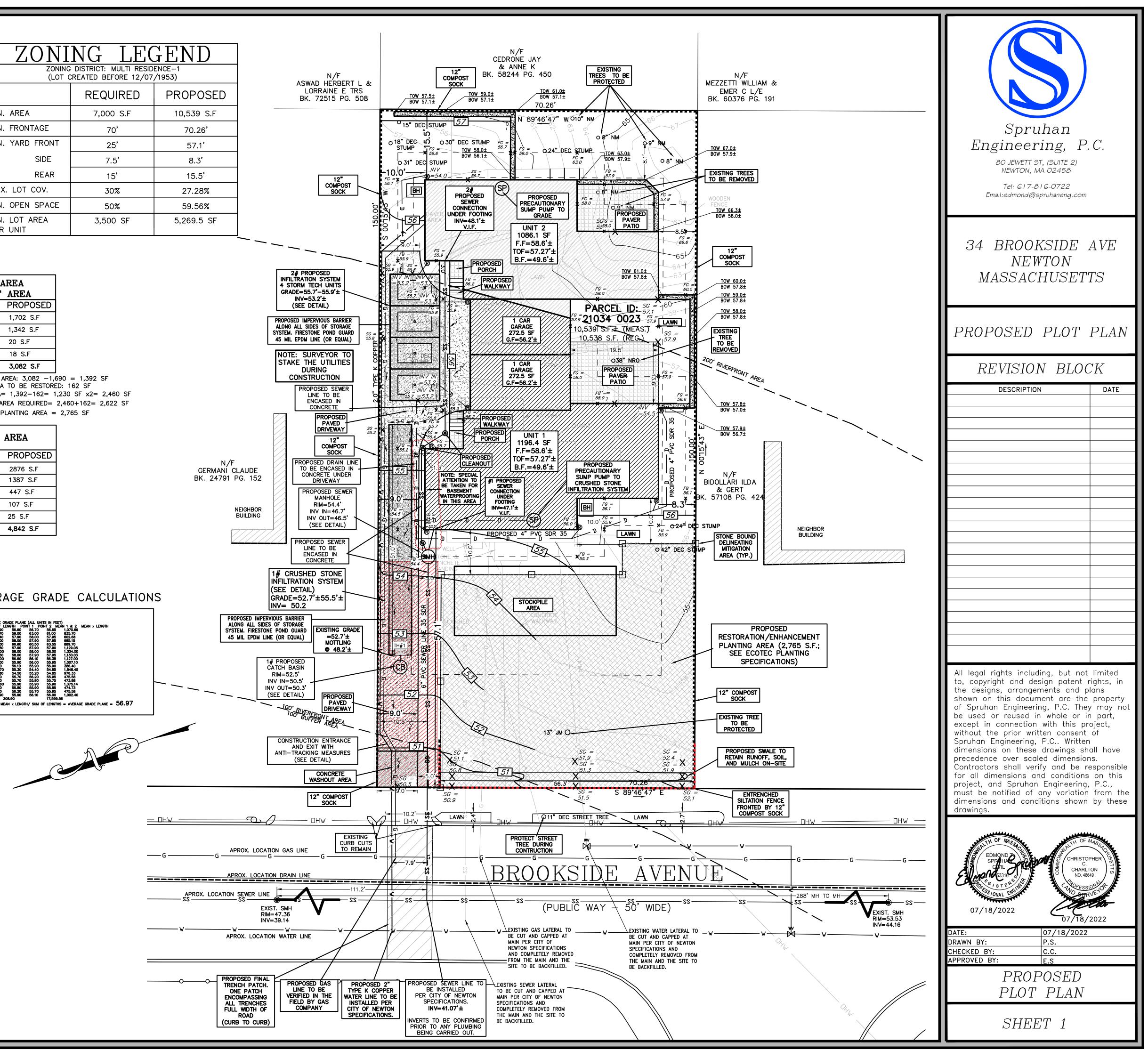
INCREASE IN DEGRADED AREA IN RIVERFRONT AREA: 3,082 -1,690 = 1,392 SF EXISTING DEGRADED AREA IN RIVERFRONT AREA TO BE RESTORED: 162 SF REQUIRED ENHANCEMENT IN RIVERFRONT AREA= 1,392-162= 1,230 SF x2= 2,460 SF TOTAL RESTORATION/ENHANCEMENT PLANTING AREA REQUIRED= 2,460+162= 2,622 SF TOTAL PROVIDED RESTORATION/ENHANCEMENT PLANTING AREA = 2,765 SF

PROPOSED IMPERVIOUS	AREA
	PROPOSED
HOUSE, PORCH, GARAGE, BH	2876 S.F
DRIVEWAY	1387 S.F
ΡΑΤΙΟ	447 S.F
RETAINING WALL	107 S.F
WALKWAY	25 S.F
TOTAL:	4,842 S.F

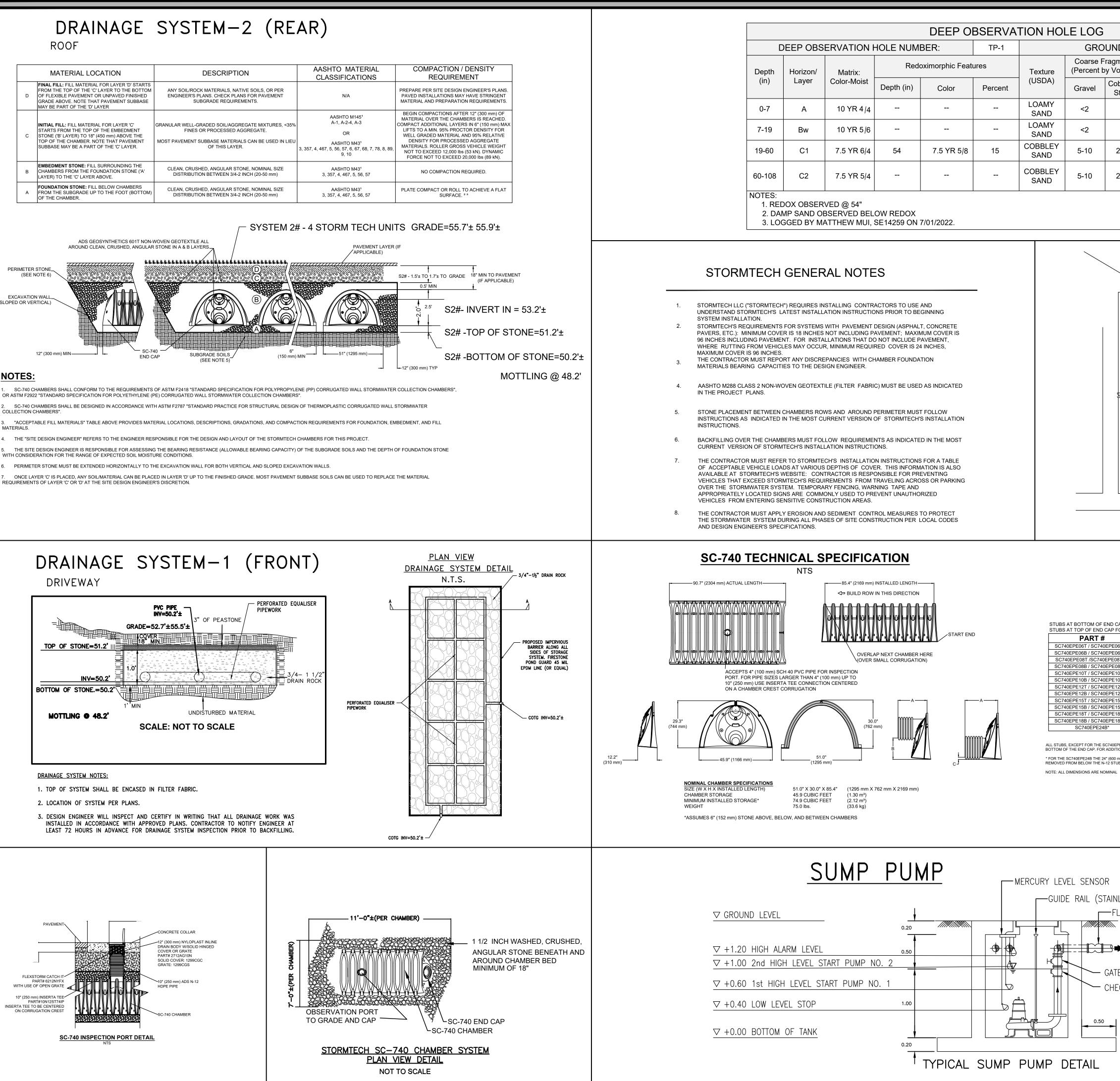
TOTAL INCREASE: 4,842-2602= 2,240 SF

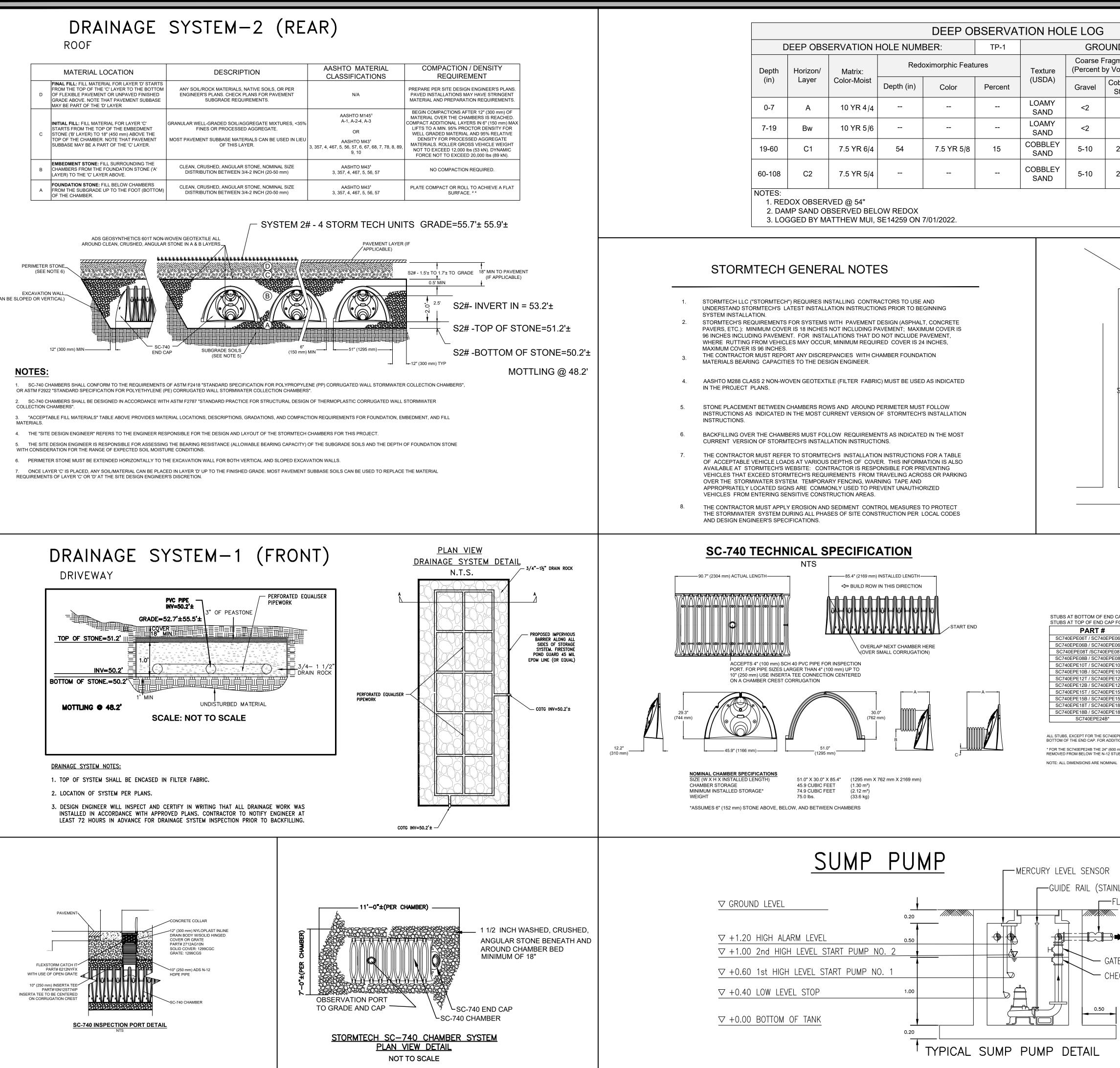






ZONI	NG I
	DISTRICT: MUL CREATED BEFORE
	REQUIR
MIN. AREA	7,000 S.
MIN. FRONTAGE	70'
MIN. YARD FRONT	25'
SIDE	7.5'
REAR	15'
MAX. LOT COV.	30%
MIN. OPEN SPACE	50%
MIN. LOT AREA PER UNIT	3,500 S





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D ELE	VATION:		52.88	] [		
nents plume) bbles &	Structure	Consistence (Moist)	Other			
<2	MASSIVE	FRIABLE				
<2	MASSIVE	FRIABLE			Spruhan	
20-25	SINGLE GRAIN	LOOSE	1, 2		Engineering, P.C. 80 JEWETT ST, (SUITE 2)	
20-25	SINGLE GRAIN	LOOSE			NEWTON, MÁ 02458 Tel: 617-816-0722	
					Email:edmond@spruhaneng.com	
						т
<					34 BROOKSIDE AVE NEWTON	'
	s	CREEN			MASSACHUSETTS	
	)					
	- DOWNSP		F		DETAILS	
	ERFLOW OUT	SPLASHBI	_OCK		REVISION BLOCK	
	1' COVER (	<i>(</i> MIN)	UKIKIKIKI	UKIKIKIK	DESCRIPTION DAT	E
4'	' PVC (MIN)	) LEAC	CHING			
			JCTURE			
		(SEE	DETAIL)			
	TYPICAL	DOWNSPO N.T.S.	<u>UT DETA</u>	<u>  _</u>		
	JMBERS ENDING WIT	Α	<b>B</b>	С		
		9 (277 mm)	5" (470 mm)  5" (419 mm)	0.5" (13 mm) 		
8BPC 0TPC		.2" (310 mm)	 5" (368 mm)	0.6" (15 mm) 		
2TPC 2BPC		7" (373 mm) 12.5	 5" (318 mm) 	0.7" (18 mm)  1.2" (30 mm)		
5BPC 8TPC		4" (467 mm)	" (229 mm)  " (127 mm)	 1.3" (33 mm)  1.6" (41 mm)	All legal rights including, but not limited to, copyright and design patent rights, the designs, arrangements and plans	
8BPC		5" (470 mm)		1.6" (41 mm) 0.1" (3 mm)	shown on this document are the prope of Spruhan Engineering, P.C. They may	not
ONAL INFORM	ATION CONTACT STORMT BELOW THE BOTTOM OF	CAP SUCH THAT THE OUTSI ECH AT 1-888-892-2694. THE END CAP APPROXIMATI			be used or reused in whole or in part, except in connection with this project,	
B SO THAT TH	E FITTING SITS LEVEL.				without the prior written consent of Spruhan Engineering, P.C Written	(0
					dimensions on these drawings shall hav precedence over scaled dimensions.	
					Contractors shall verify and be respons for all dimensions and conditions on the	nis
					project, and Spruhan Engineering, P.C., must be notified of any variation from dimensions and conditions shown by the	the
					drawings.	
					LTH OF MASS	
LESS S	TEEL)				EDMOND P SPRI HAR OF KON	
	CONNECTION	Ν				
TO V		IR TREATME	NT		TOSS / ONAL ENGINE	
			1 N I		07/18/2022	
	E (TYP.) .VE (TYP.)				DATE: 07/18/2022   DRAWN BY: P.S.   CHECKED BY: F.S.	
	. ,				CHECKED BY:E.S.APPROVED BY:E.S.	
					DETAILS	
					SHEET 2	

