

ZONING DISTRICT SR 1		PROP	PROP
LOT AREA	REQ'D	EXIST.	GAR.
FRONTAGE	100'	102.38'	
SETBACKS			
FRONT	25'	10.2'	72.2'
SIDE (RT)	12.5'	32.9'	92.6'
SIDE (LT)	12.5'	30.5'	6.1'
REAR	25'	10.6'	6.1'
LOT COV.	20%	18.9%	26.2%
OPEN SPACE (MIN)	65%	81.1%	70.1%

PROP. LOT COVERAGE  
 HOUSE 1846  
 GARAGE 624  
 2470/9602 = 25.7 %  
 OPEN SPACE  
 COBBLE STONE 347 S.F.  
 9602-2817/9602= 70.1%

LEGEND:

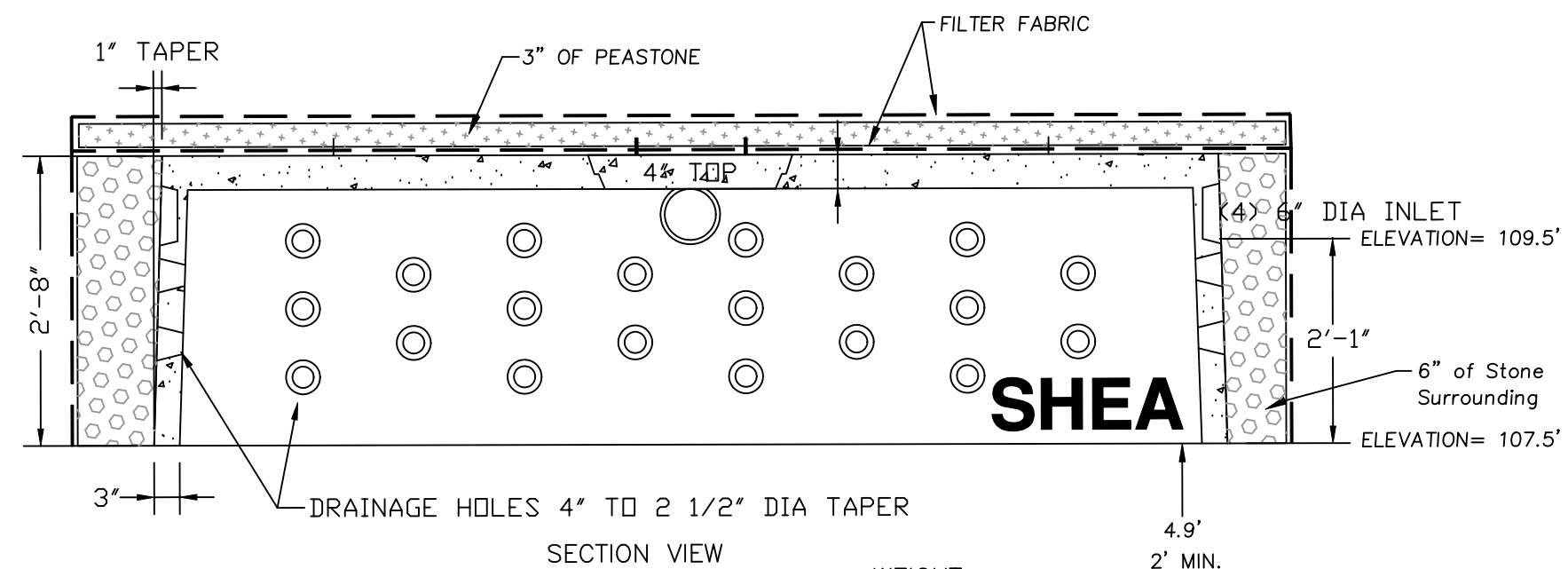
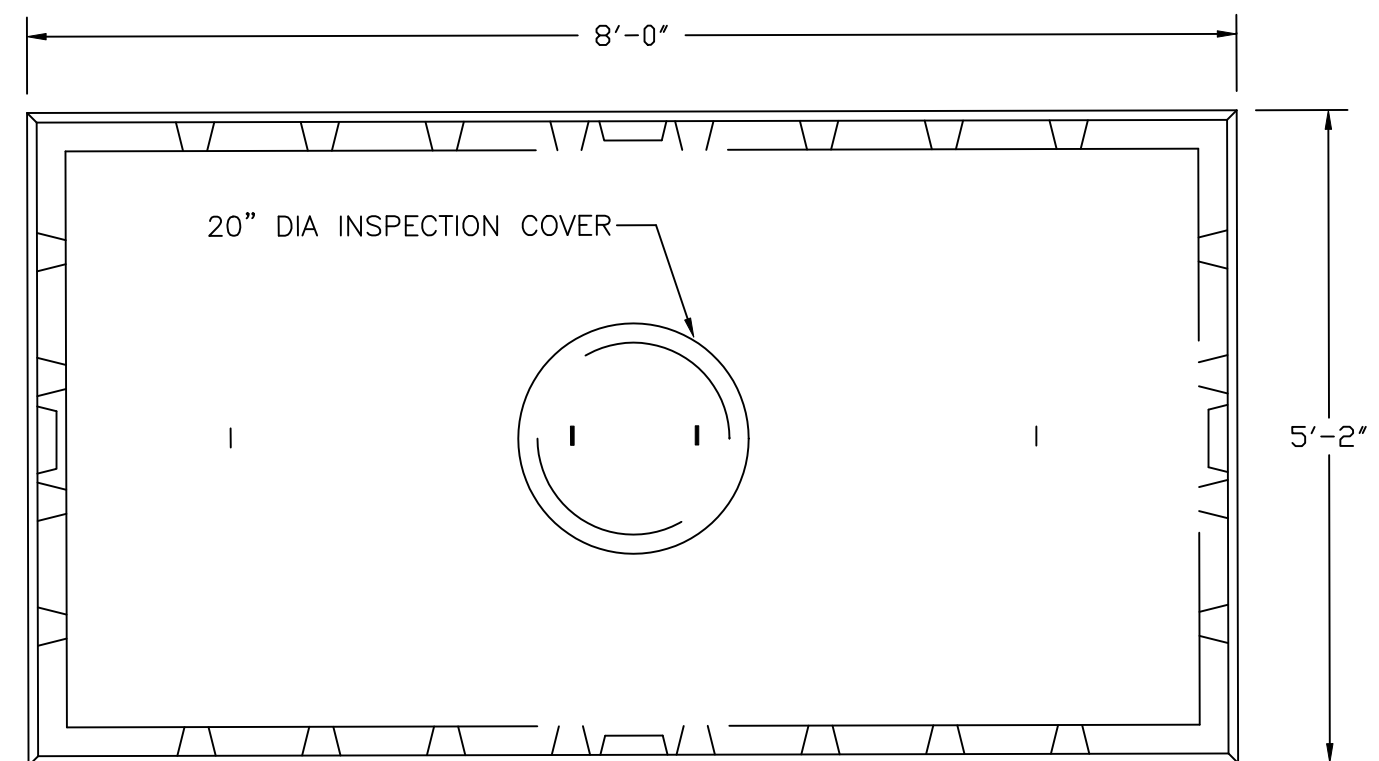
WATER LINE	—W—
WATER GATE	WG ◦
DRAIN LINE	—D—
DRAIN MANHOLE	DMH ◯
EXISTING CONTOUR	—114—
EXISTING SPOT GRADE	115X2
GAS GATE	GG ◦
HYDRANT	HYD ◦
INVERT	I
RIM	R
SEWER LINE	—S—
SEWER MANHOLE	SMH ◯
TOP OF CURB	TC
PROP SPOT GRADE	109
PROP STONE WALL	⊖

**SOILS INFORMATION:**

TEST PIT WAS PERFORMED BY  
 JOHN D. SULLIVAN III, P.E.  
 ON 3/31/16

TEST PIT: TH-1  
 ELEV.=112.1±  
 G.W. ELEV.<= 102.6'

0"-5" HOR. A SL 10 YR 3/3  
 5"-15" HOR. Bw LS 10 YR 6/8  
 15"-33" C1-LAYER COARSE SAND 2.5 Y 4/4  
 33"-114" C2-LAYER FINE SAND 2.5 Y 4/4  
 MOTTLES @ NONE; WATER @ NONE  
 E.S.H.G.W. @ ELEV <= 102.6'  
 PERCOLATION RATE : < 2 MPI



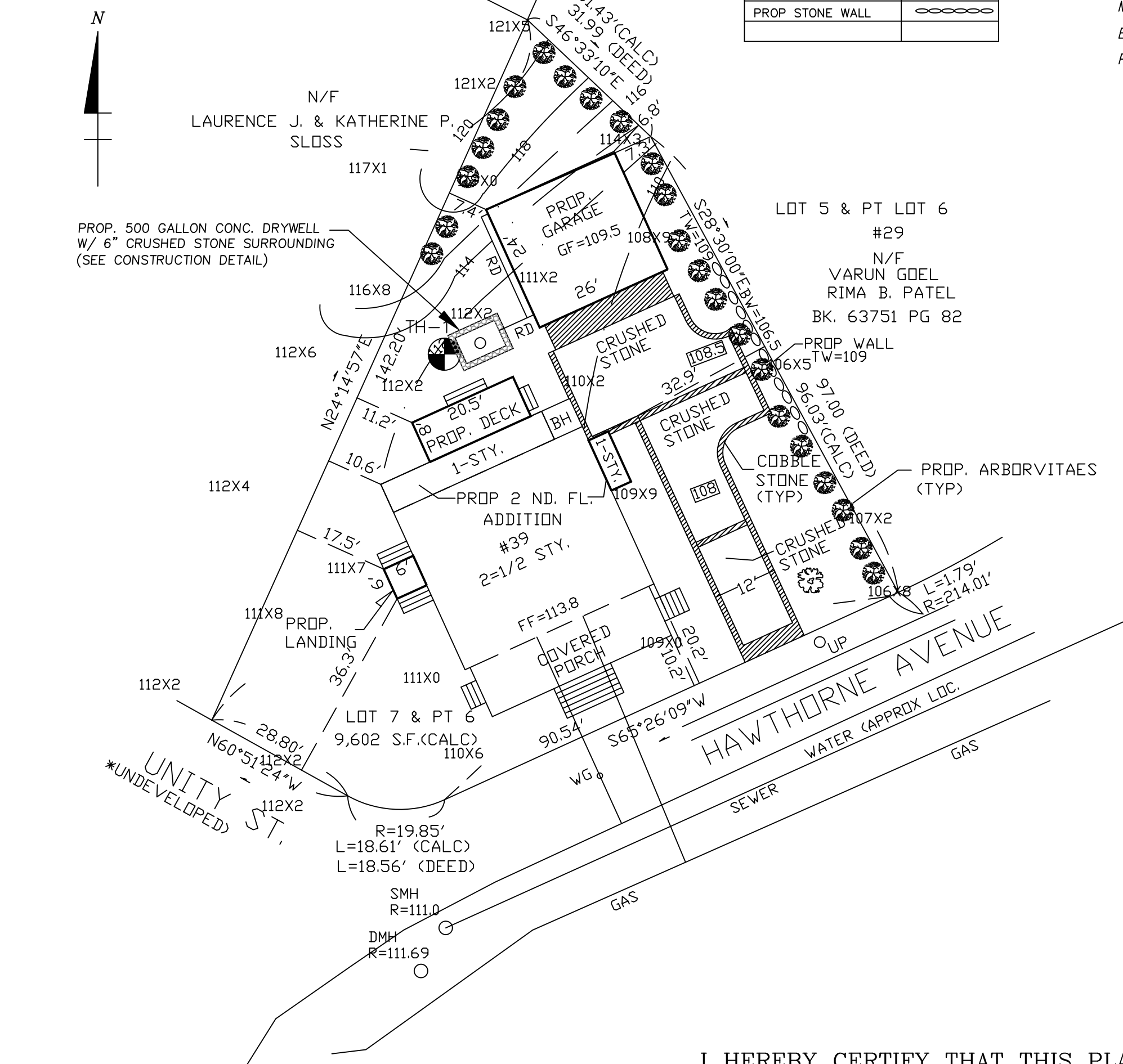
**DRAINAGE NOTES:**

- 1 1/2" CRUSHED STONE TO BE PLACED ON ALL SIDES OF EACH DRYWELL.
- FILTER FABRIC TO WRAP THE ENTIRE DRAINAGE FACILITY (DRYWELL AND CRUSHED STONE AREA).
- MINIMUM 2 FOOT VERTICAL SEPARATION BETWEEN BOTTOM OF DRYWELL AND GROUNDWATER TABLE (IF ENCOUNTERED)
- HORIZON A AND HORIZON B LAYER SHALL BE EXCAVATED AND REMOVED FROM THE ENTIRE DRAINAGE FACILITY AREA LIMITS AND REPLACED WITH CLEAN SEPTIC SAND.
- A 3" LAYER OF PEASTONE SHALL BE PLACED ABOVE THE DRAINAGE STONE AND BE WRAPPED IN FILTER FABRIC.
- ACCESS MANHOLE SHALL BE PLACED WITHIN 12" OF FINISH GRADE.

ITEM NO.	DW-SDW	STANDARD	WEIGHT
			5,142#

	DRYWELL
INVERT ELEVATION INTO DRYWELL	109.50'
BOTTOM ELEVATION OF DRYWELL	107.50'
SEASONAL HIGH GROUNDWATER TABLE	102.6'

500 GALLON  
 DRYWELL  
 N.T.S.



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND INSTRUMENT SURVEY.



JODN D. SULLIVAN III P.E. CIVIL NO. 41586

PAUL J. FINOCCHIO P.L.S. No.36115

DATE

**SITE PLAN  
 OF  
 39 HAWTHORNE AVENUE  
 IN  
 NEWTON, MA**

PREPARED BY: P.J.F. AND ASSOCIATES  
 4 HIGHLAND AVENUE  
 WAKEFIELD, MA 01880  
 (781) 246-5426

REV. 6/15/2016  
 REV. 6/4/2016  
 DATE: MAY 1, 2016

FILE No. 6790P3

SCALE: 1" = 20'

FIELD	PLOT	DESIGN	DRAFT	CALC.	CHECK