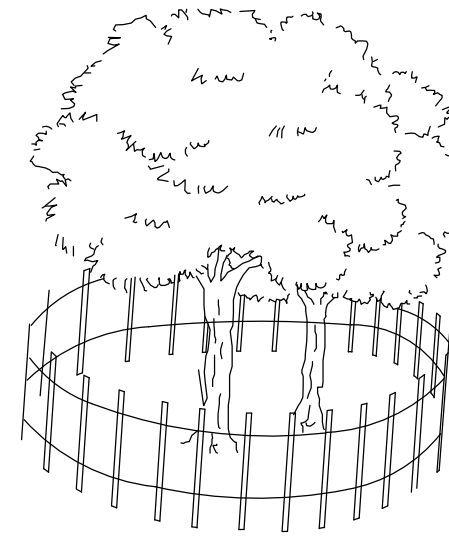


R-1 Residential				
Requirements		Existing	Proposed	Variance
Lot area	14,000 sf	14,999 sf	14,999 sf	No
Lot width	100 ft	102.59 ft	102.59 ft	No
Lot depth	120 ft	126.18 ft	126.18 ft	No
Setbacks				
Front yard	40 ft	41.9 ft	41.9 ft	No
Side yard	15 ft	17.6 ft	17.6 ft	No
Both side yard	33% width	38.1 ft	38.1 ft	No
Rear yard	30 ft	28.1 ft	28.1 ft	No*
Bldg. Hgt. 2 1/2 sty./30 ft				
Bldg. coverage	20%	2263 sf/15.1%	2263 sf/15.1%	No
Bldg. cov. (140')		2263 sf/16.2%	2263 sf/16.2%	No
Imp. coverage	40%	4704 sf/31.4%	5326 sf/35.5%	No
Imp. cov. (140')		4704 sf/33.8%	5326 sf/38.3%	No

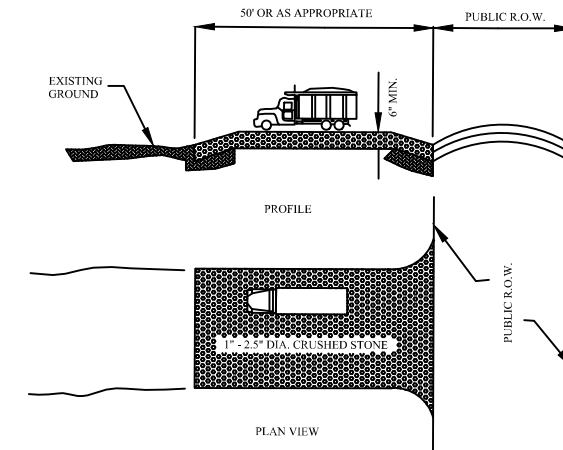
*Existing non-conformance

LOT COVERAGE CALCULATIONS

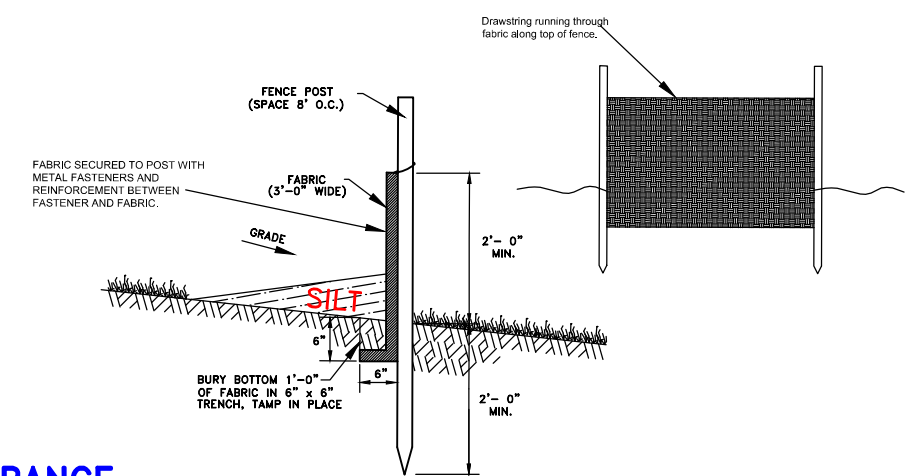
EXISTING DWELLING	2263 sf = 15.1%	PROPOSED DWELLING	2263 sf = 15.1%
WITHIN 140'	2263 sf/13,918 sf = 16.2%	WITHIN 140'	2263 sf/13,918 sf = 16.2%
AC's/PIERS	20	AC's/PIERS	20
OP/FRONT WALKWAY	339	OP/FRONT WALKWAY	339
SLATE PATIO	596	OPEN PORCH EXTENSION	132
DRIVEWAY	1486	SLATE PATIO	596
TOTAL	4704 sf = 31.4%	DRIVEWAY	1191
		POOL UTIL.	21
		FIRE PIT AREA	50
		POOL/COPING/COVER	714
		TOTAL	5326 sf = 35.5%
		WITHIN 140'	5326 sf/13,918 sf = 38.3%



TREE PROTECTION DETAIL
N.T.S.



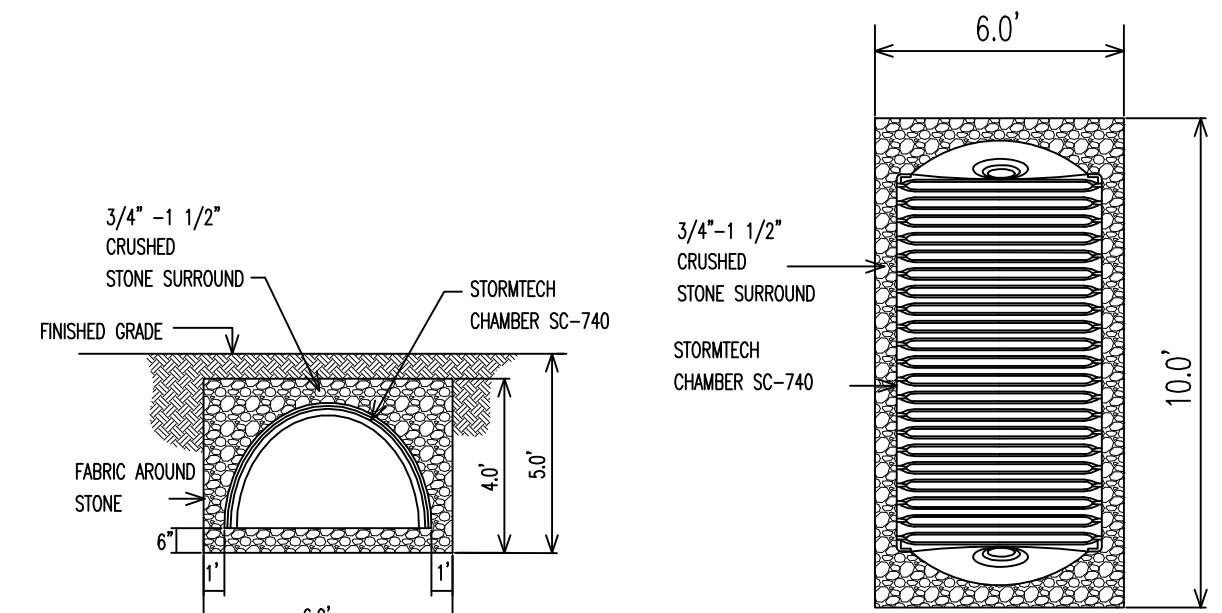
STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



SILT FENCE DETAIL
N.T.S.

Soil Moving Requirements	
Pool (741 sf)(4.0 ft)	110 cu yds cut
Backfill (741-576)(4.0)	24 cu yds fill
Drainage Chambers	
Cut 11 yds each	22 cu yds cut
Backfill 2 yds each	4 cu yds fill
Total Cut	132 cu yds cut
Total Fill	28 cu yds fill
Net Soil Imported to Site	104 cu yds

DRAINAGE CALCULATIONS (3 Inch Rainfall Event)	
Increase in Impervious Area =	622 sf
5,326 - 4,704 =	89,568 si
Storage Required = 89,568 si x 3 in =	268,704 ci
	= 1,163 gal
Storage Provided 2 x 924 gal =	1,848 gal



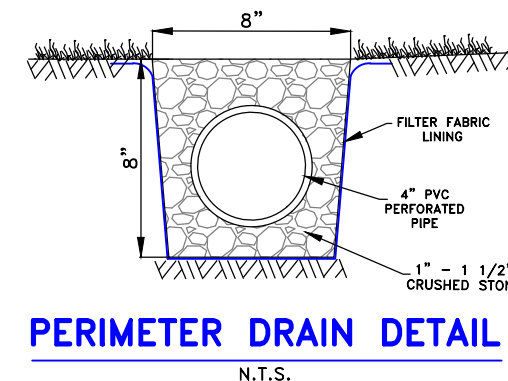
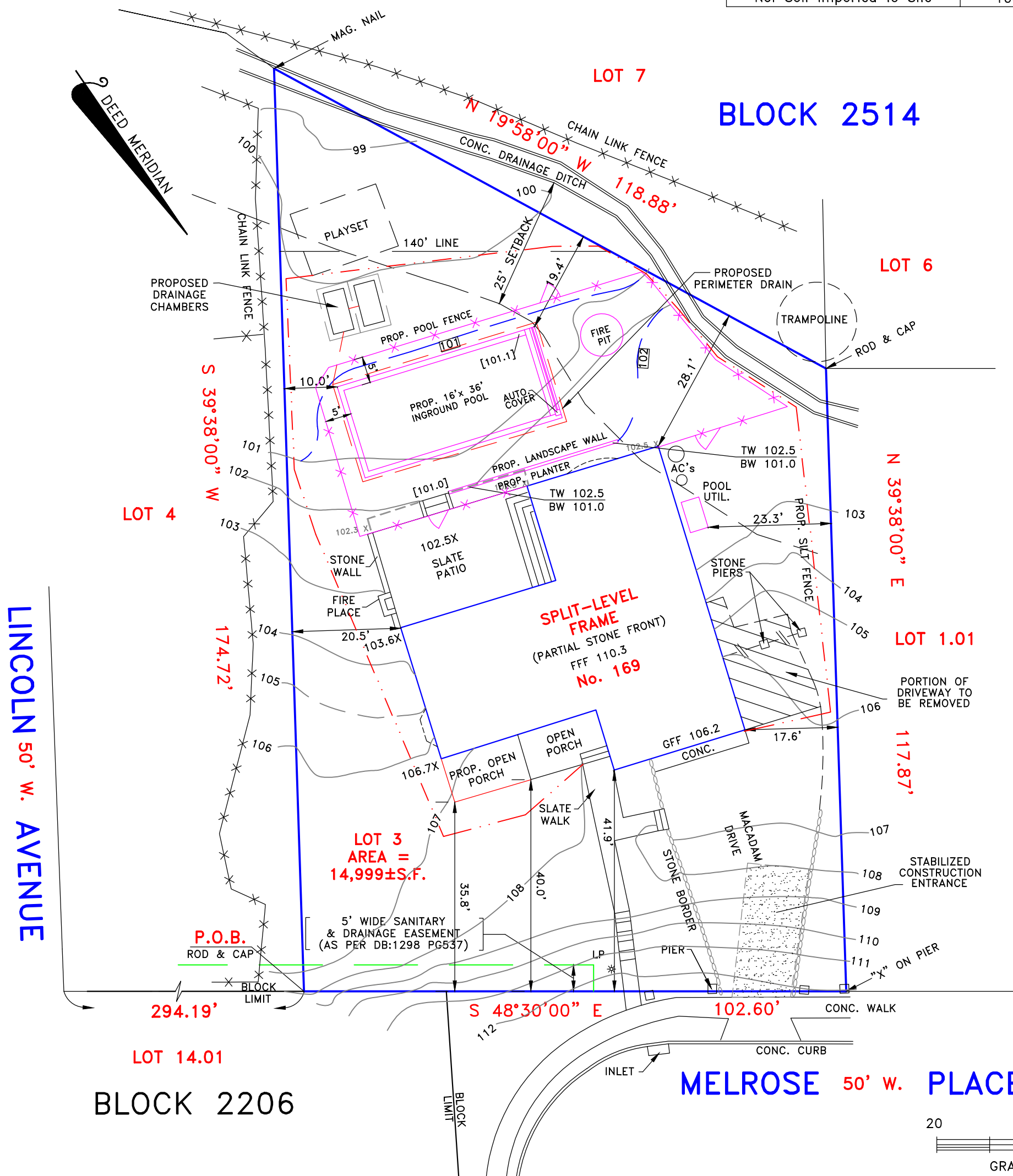
STORMTECH SC-740 CHAMBER DETAIL
N.T.S.

StormTech SC-740 Chamber or equal
 Chamber spec: 85.4" long, 51.0" Wide, 30.0" High
 Chamber capacity 45.9 Cubic Feet = 343 gallons
 Hole Volume = L x W x H = (10)(6)(4) = 240 Cubic Feet
 Stone Volume = 240-45.9 = 194.1 Cubic Feet
 Using 40% void for stone, (0.40)(194.1) = 77.6 Cubic Feet
 77.6 + 45.9 = 123.5 Cubic Feet = 924 Gallons

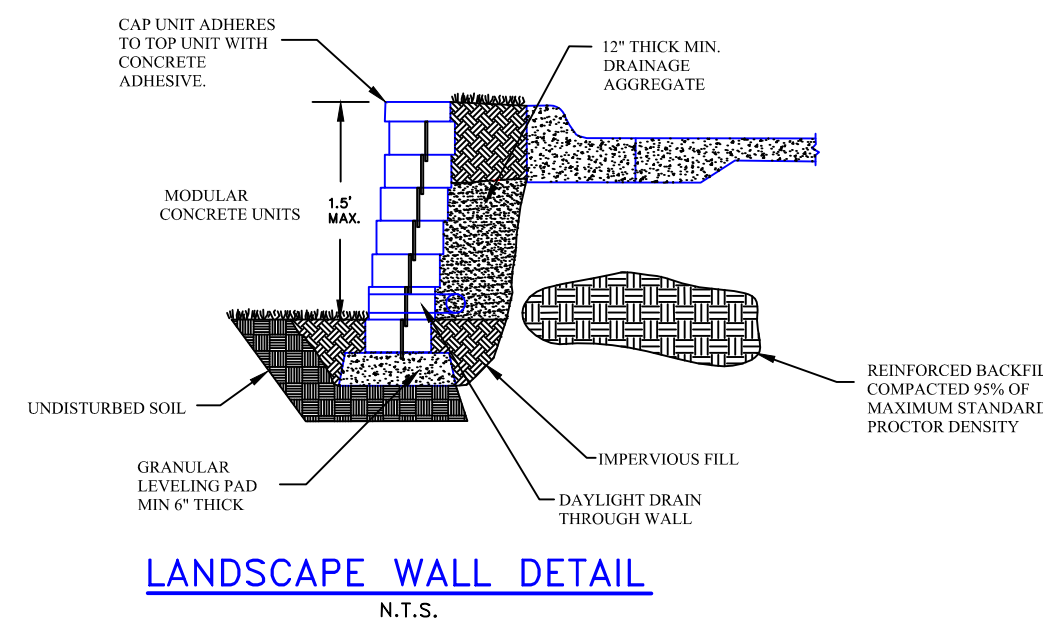
NOTES:

1. Applicant: Mark and Elizabeth Jackson
2. Property address: 169 Melrose Place, Ridgewood, NJ
3. Property known as Block 2514, Lot 3 in accordance with the Tax Assessment Map of the Village of Ridgewood.
4. Property is located in the R-1 zone.
5. Elevations based on an assumed datum.
6. Existing spot elevations indicated with an X. Proposed spot elevations in [].
7. Underground utility locations to be verified and marked-out in the field prior
8. The applicant shall be responsible for the replacement of any curbing, sidewalk or pavement damaged or destroyed as a result of construction activities.
9. Pool fencing and gates shall conform to Village code.
10. All applicable Village Ordinances and all other Federal, State and local laws shall be adhered to.
11. Property survey and partial topography as shown hereon, performed by Lantelme, Kurens & Associates, P.C. August 12, 2020.

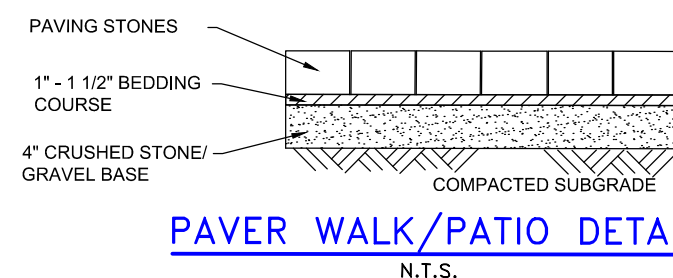
THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.



PERIMETER DRAIN DETAIL
N.T.S.



LANDSCAPE WALL DETAIL
N.T.S.



PAVER WALK/PATIO DETAIL
N.T.S.

REV.: 10/14/20 - POOL LAYOUT, ZONING ANALYSIS, DRAINAGE CALCS

Lantelme, Kurens & Associates, P.C. Engineers & Land Surveyors
101 West Street, P.O. Box 486, Hillsdale, New Jersey 07642 (201) 666-2450

SCALE: 1"=20'
DATE: AUGUST 26, 2020
PARTY: EW
PREPARED BY: CJL
DRAWN BY: JW
LOT No. 3
BLOCK No. 2514
FILE No. SPL169MELROSE

Pool Site Plan for Mark & Elizabeth Jackson, 169 Melrose Place, Lot 3, Block 2514, Village of Ridgewood, Bergen County, N.J.
PROPERTY SITUATED IN THE VILLAGE OF RIDGEWOOD, BERGEN COUNTY, NEW JERSEY.
MAP SOURCE: TAX ASSESSMENT MAP OF THE VILLAGE OF RIDGEWOOD, BERGEN COUNTY, NEW JERSEY.

Christopher Lantelme
P.E. & L.S. 39580

