

ZONING DATA-POOL CONSTRUCTION

Zone: R-60
Block: 1101 Lot: 6.02
Owner: Vinciguerra

	REQUIRED	PROPOSED	Variance Req'd
Side Yard Setback to Waters Edge	10'	10.0'	No
Rear Yard Setback to Waters Edge	10'	10.0'	No
Setback from House	N/A	21.0'	No
Side Yard Setback to Pool Equipment	5'	5.6'	No
Lot Coverage (%)	30%	24.2%	No
Improved Lot Coverage (%)	40%	51.9%	Yes

DRAINAGE AREA TO TANK:

Proposed Pool & Patio=1,401sf

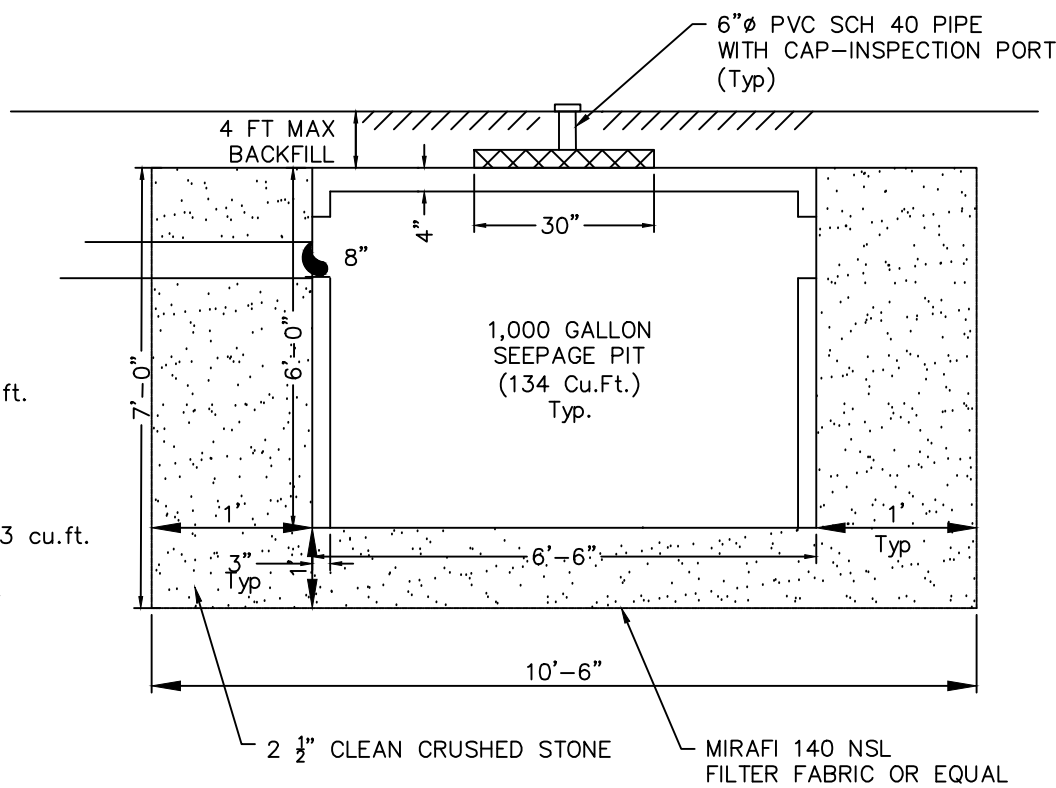
Criteria: 2" Over new area
1,4014 sq.ft. x 0.17' = 238 cu.ft.

PROVIDED: 1-1,000 GAL DRY WELL = 134 cu.ft.

STONE STORAGE (40% VOIDS):

Pit Volume: 8.5' X 8.5' X 7' = 506 cu.ft.
O.D. Tank=(3.14)(3.25)²(6)=199 cu.ft.
506 cu.ft.-199 cu.ft.=307 cu.ft. @ 40% voids=123 cu.ft.

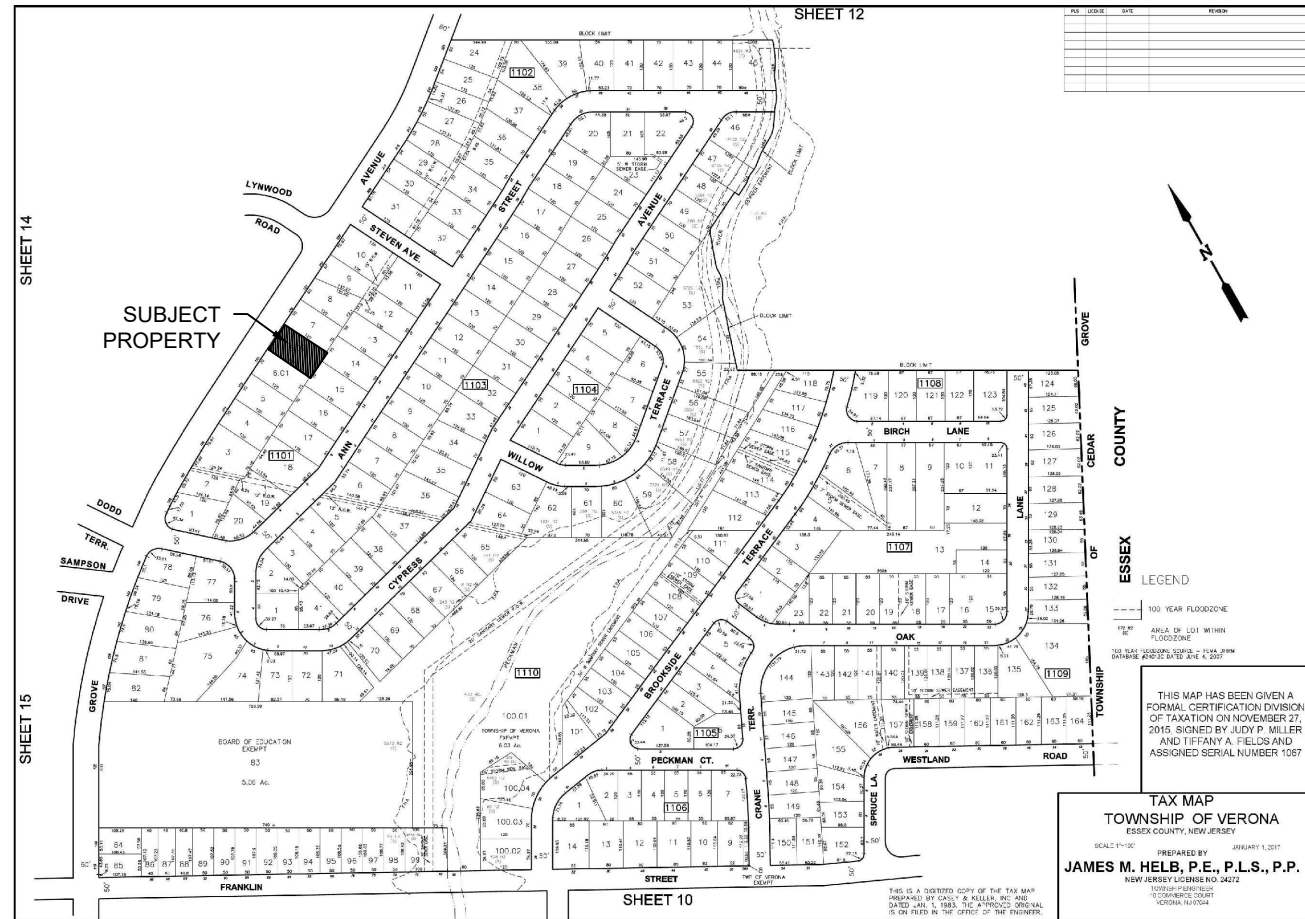
TOTAL STORAGE =123 cu.ft.+134 cu.ft.=257 cu.ft.



SEEPAGE TANK DETAIL

NTS
by PEERLESS OR EQUAL

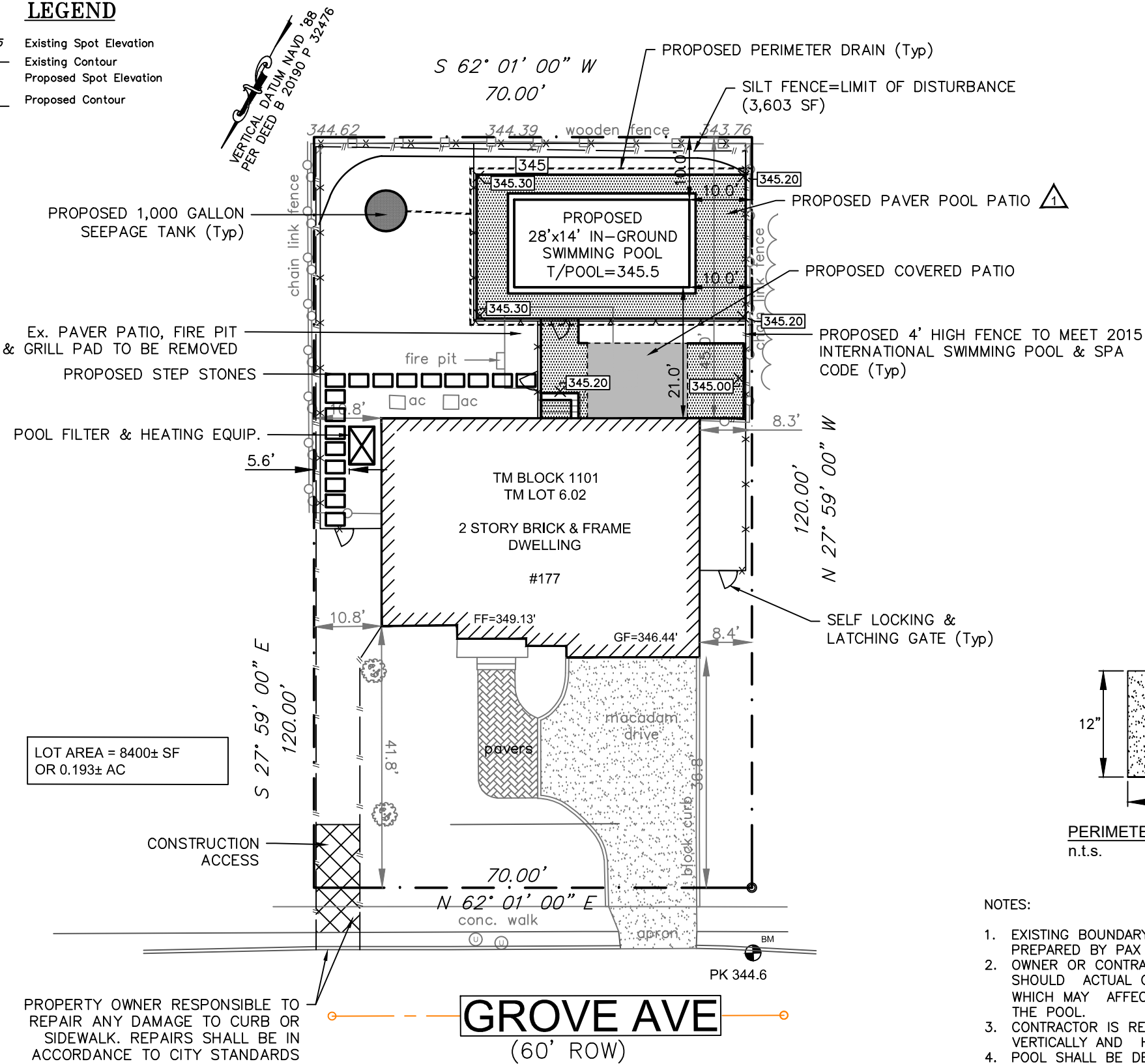
NOTE: SURROUND TANK WITH 2 1/2" CRUSHED STONE WITH FILTER FABRIC MIRAFI 140 NSL OR EQUAL.



AREA MAP

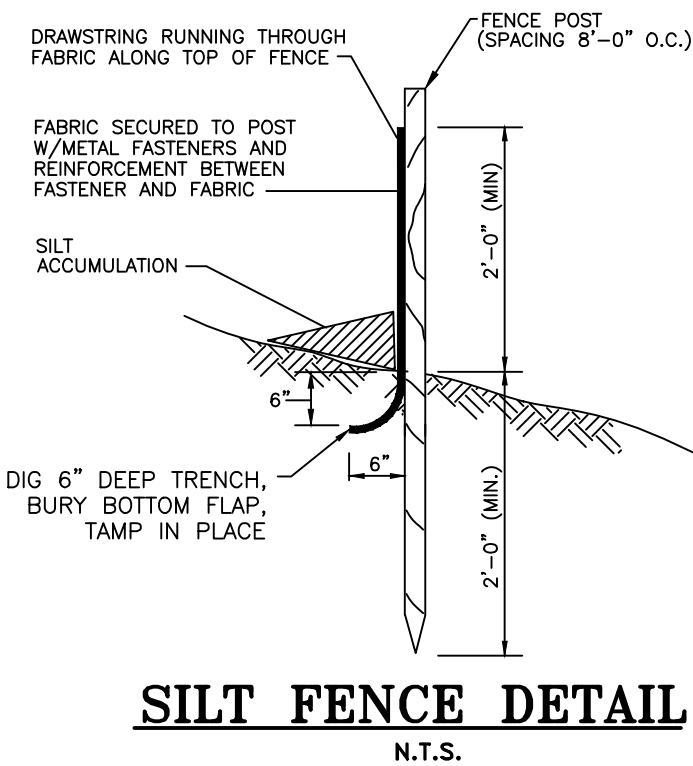
LEGEND

x 87.65	Existing Spot Elevation
99.06 x	Existing Contour
100	Proposed Spot Elevation
	Proposed Contour



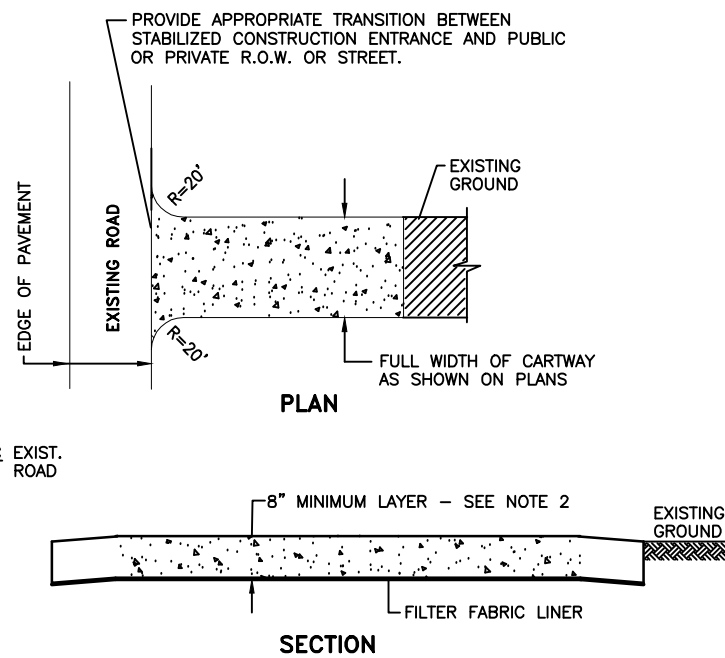
POOL LOCATION & GRADING PLAN

SCALE: 1"=20'



SILT FENCE DETAIL

REQUIREMENTS FOR SILT FENCE:
1. FENCE POSTS SHALL BE SPACED 8 FT. CENTER-TO-CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND AND EXTEND AT LEAST 2 FEET ABOVE GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD WITH A MINIMUM DIAMETER THICKNESS OF 1 1/2 INCHES.
2. A METAL FENCE WITH 6 INCH OR SMALLER OPENINGS AND AT LEAST 2 FEET HIGH MAY BE UTILIZED, FASTENED TO THE FENCE POSTS, TO PROVIDE REINFORCEMENT AND SUPPORT TO THE GEOTEXTILE FABRIC WHERE SPACE FOR OTHER PRACTICES IS LIMITED AND HEAVY SEDIMENT LOADING IS EXPECTED.
3. A GEOTEXTILE FABRIC, RECOMMENDED FOR SUCH USE BY THE MANUFACTURER, SHALL BE BURIED AT LEAST 6 INCHES DEEP IN THE GROUND. THE FABRIC SHALL EXTEND AT LEAST 2 FEET ABOVE THE GROUND. THE FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND A HIGH STRENGTH REINFORCEMENT MATERIAL (NYLON WEBBING, GROMMETS, WASHERS ETC.) PLACED BETWEEN THE FASTENER AND THE GEOTEXTILE FABRIC. THE FASTENING SYSTEM SHALL RESIST TEARING AWAY FROM THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE PORTION OF THE FENCE FOR ADDED STRENGTH.



NOTES:
1. PLACE STABILIZED CONSTRUCTION ENTRANCE AT LOCATION
2. STONE SIZE SHALL BE ASTM C-33, SIZE NO. 2 OR 3, CLEANED CRUSHED ANGULAR STONE.
3. THE THICKNESS OF THE STABILIZED CONSTRUCTION ENTRANCE SHALL NOT BE LESS THAN 8".
4. WIDTH - NOT LESS THAN FULL WIDTH OF POINTS OF INGRESS OR EGRESS. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE R.O.W./PAVEMENT. THIS REQUIRES PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT.
5. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.

TRACKING PAD DETAIL

N.T.S.

THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED.

THIS DRAWING MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF D.J. EGARIAN & ASSOCIATES, INC.

CERTIFICATE OF AUTHORIZATION: 24GA28060300

ADDED POOL PATIO AND AWNING:
REVISED COVERAGES; REVISED PROPOSED FENCE

REVISION	DATE	APPROVED

02.19.20	DJE

DESIGNER: JDE
DRAWN BY: JDE
CHECK BY: DJE
DATE: 09.17.19
SCALE: 1" = 20'
PROJECT NO.: 19191

DAVID J. EGARIAN, P.E.

N.J. LIC. NO. 24GE02622900

DJ EGARIAN
& ASSOCIATES Inc.
Civil/Mechanical/Environmental Engineering Services
271 Route 46 Suite G208, Fairfield, NJ 07004
Ph:(973)898-1401 Fax:(862)702-3017 www.djegarian.com

POOL LOCATION & GRADING PLAN
FOR THE
VINCIGUERRA RESIDENCE

177 GROVE AVE
BLOCK 1101 LOT 6.02
TOWNSHIP OF VERONA, ESSEX COUNTY, NJ

DRAWING NO:

1

SHEET 1 OF 1