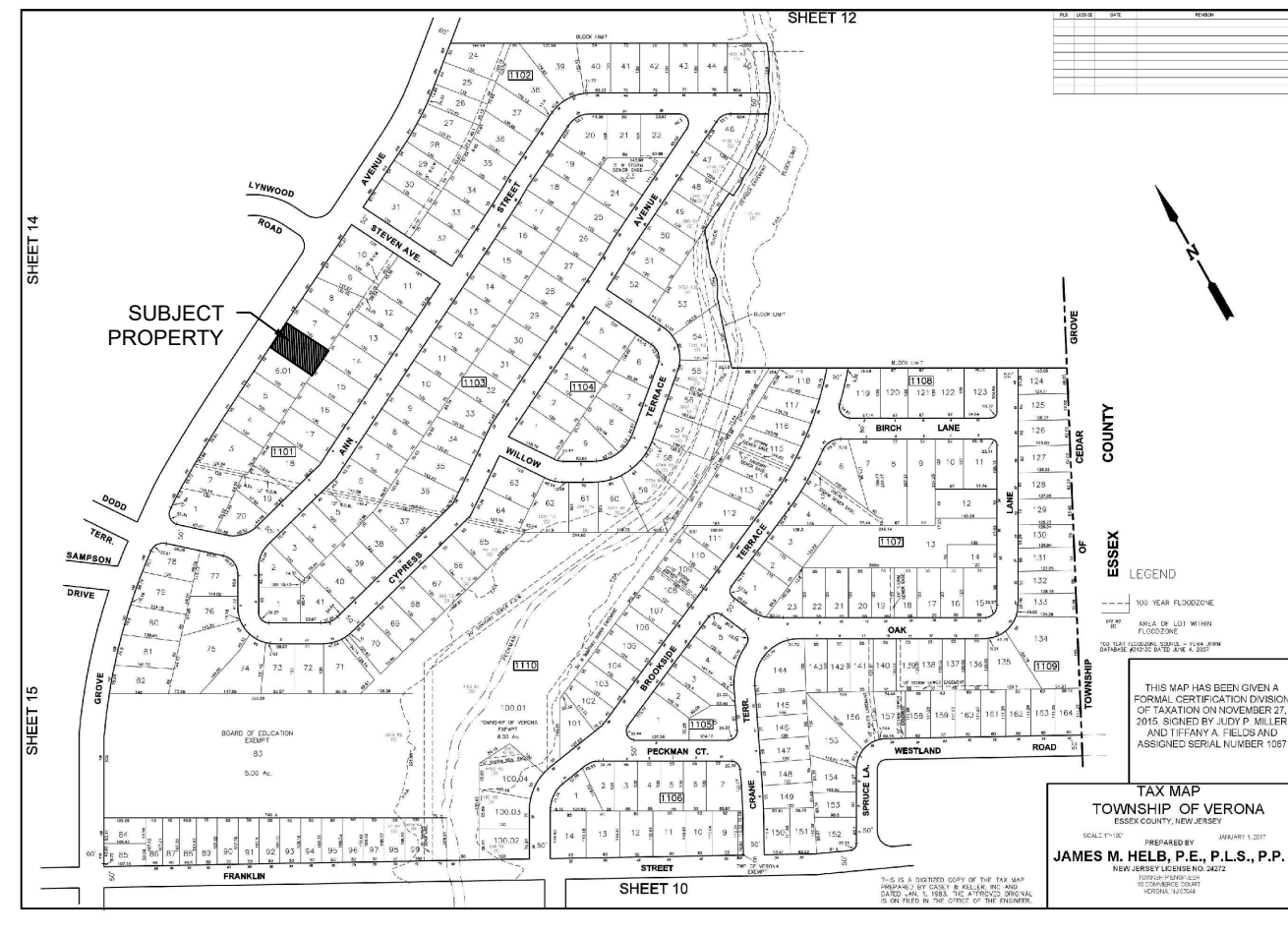


# ZONING DATA-POOL CONSTRUCTION

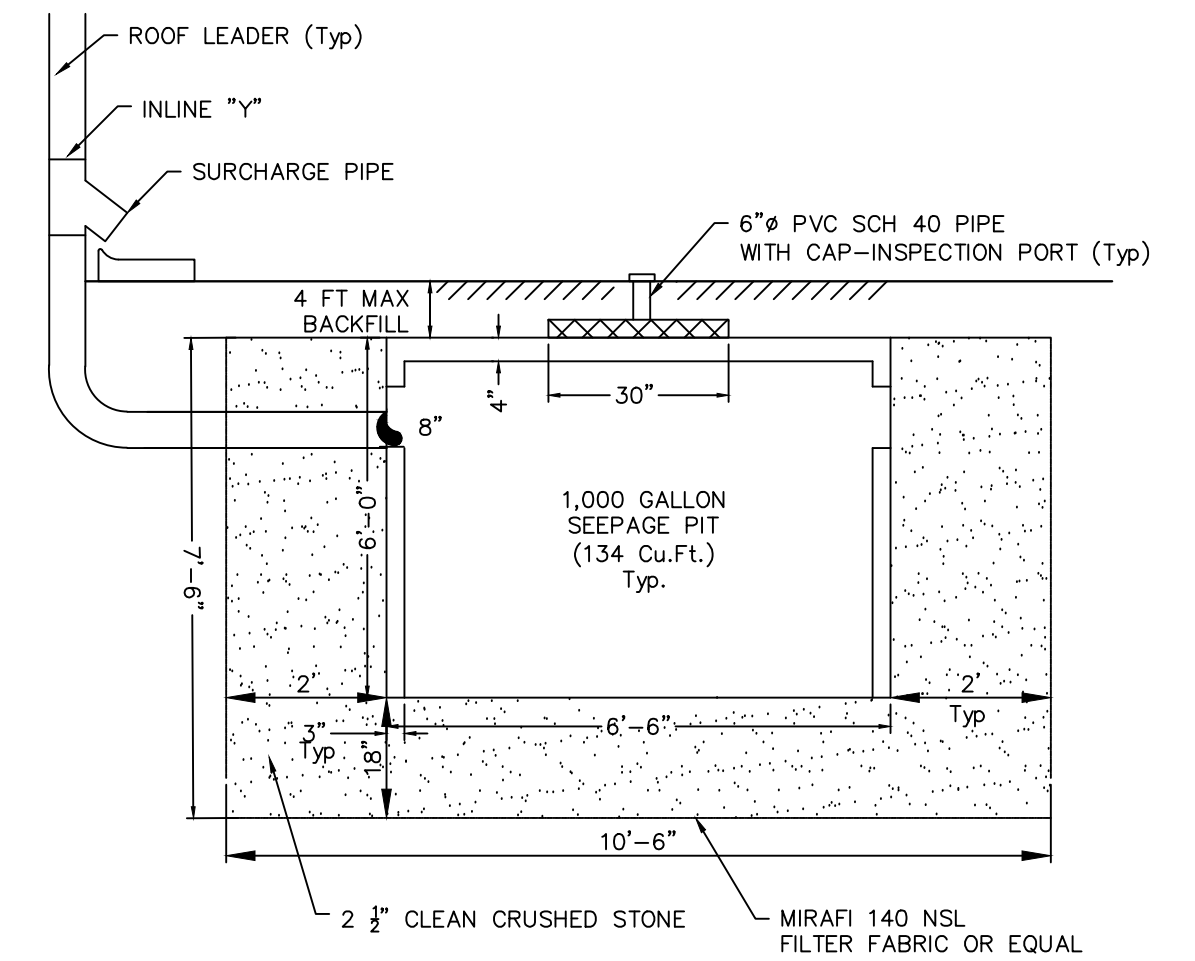
Zone: R-60  
Block: 1101 Lot: 6.02  
Owner: Vinciguerra

	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%	49.8%	Yes

LOT COVERAGE CALCULATIONS			
Item	Area (sf)		
TOTAL LOT AREA (SF):	8,400		
Item	Existing	Proposed	Variance
House	1,838	1,838	
Front Porch	45	45	
Front Walk	170	170	
Driveway	871	871	
Rear Patio/Walk	270	555	
Covered Patio		192	
Equipment Pads	10	34	
Prop. Pod/Coping		480	
Lot Coverage	1,838	2,030	No
	21.9%	24.2%	
Improved Lot Coverage	3,204	4,185	Yes
	38.1%	49.8%	



AREA MAP



## SEEPAGE TANK DETAIL

N.T.S.  
by PEERLESS OR EQUAL

### DRAINAGE AREA TO TANK:

Proposed Pool, Patio, Covered Patio=1,227sf

Criteria: 3" Over new area  
1,227 sq.ft. x 0.25' = 307 cu.ft.

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

STONE STORAGE (40% VOIDS):

Pit Volume: 10.5' X 10.5' X 7.5' = 827 cu.ft.

O.D. Tank=(3.14)(3.25)<sup>2</sup>(6)=199 cu.ft.

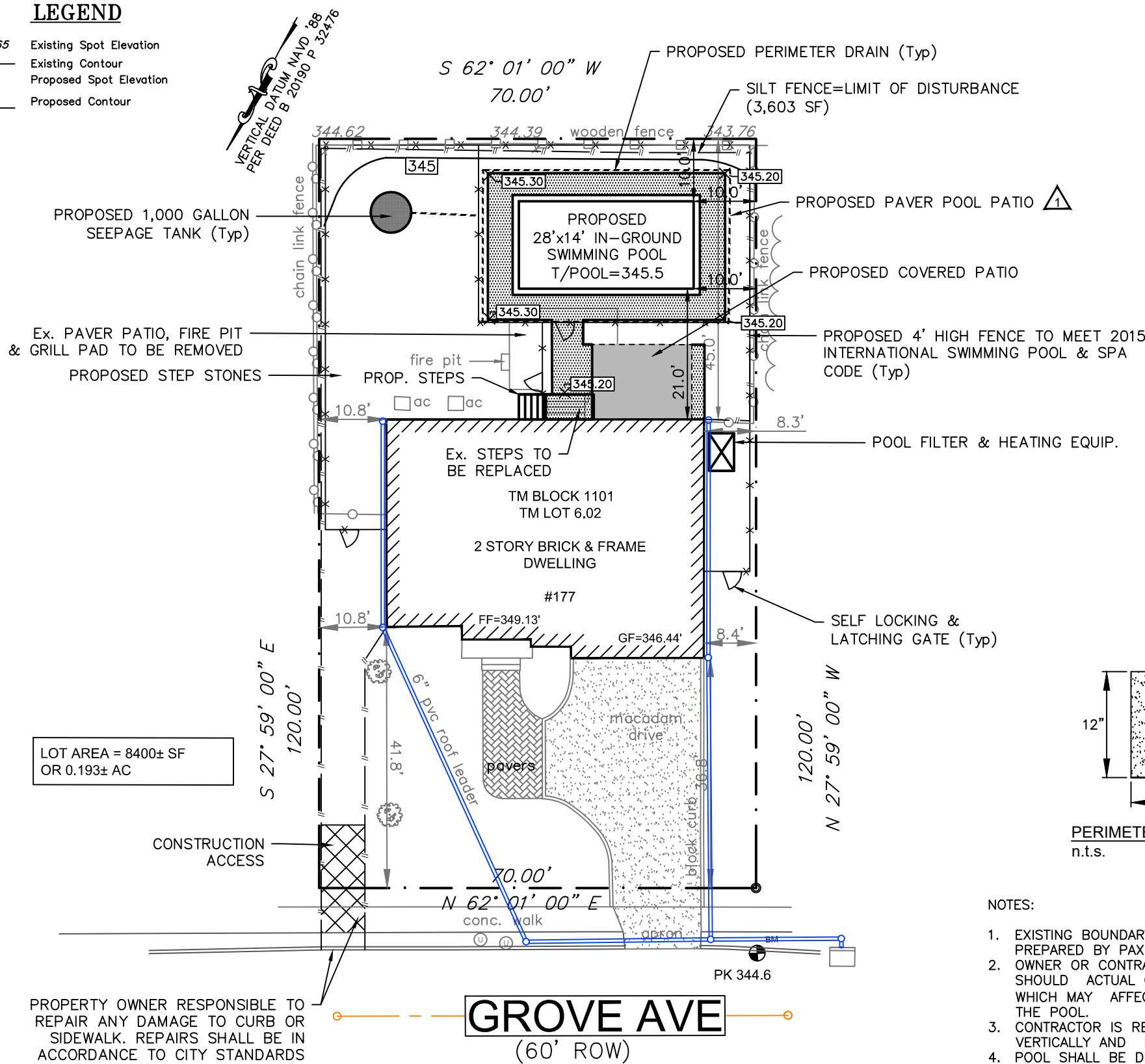
827 cu.ft.-199 cu.ft.=628 cu.ft. @ 40% voids=251 cu.ft.

TOTAL STORAGE =251 cu.ft.+134 cu.ft.=385 cu.ft.

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

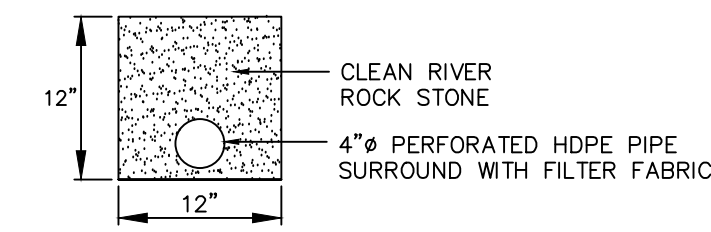
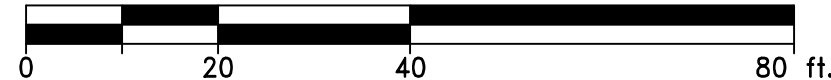
## LEGEND

- x 87.65 Existing Spot Elevation
- Existing Contour
- Proposed Spot Elevation
- Proposed Contour



## POOL LOCATION & GRADING PLAN

SCALE: 1"=20'

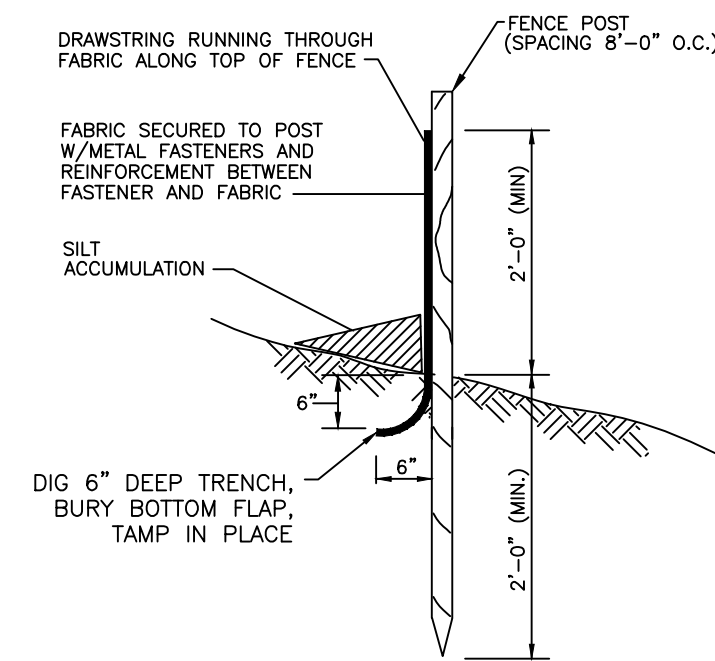


PERIMETER DRAIN DETAIL

n.t.s.

### NOTES:

- EXISTING BOUNDARY & TOPOGRAPHIC INFORMATION TAKEN FROM A SURVEY PREPARED BY PAX SURVEYING DATED 08.28.19.
- OWNER OR CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN WHICH MAY AFFECT THE VERTICAL AND/OR HORIZONTAL POSITION OF THE POOL.
- CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT OF THE POOL BOTH VERTICALLY AND HORIZONTALLY.
- POOL SHALL BE DESIGNED AND CONSTRUCTED IN CONFORMANCE WITH ANSI/NSPI-5 PER THE INTERNATIONAL RESIDENTIAL CODE.
- FENCE SHALL BE INSTALLED A MINIMUM OF 12" INSIDE THE PROPERTY LINE. HOME OWNER OR CONTRACTOR SHALL BE RESPONSIBLE FOR FENCE LOCATION AND CONSTRUCTION.
- IF ANY TREES OR ROOT STRUCTURES ARE DAMAGED DURING CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE HOMEOWNER/CONTRACTOR TO CONTACT AN ARBORIST TO ASSESS THE DAMAGE TO THE TREES.

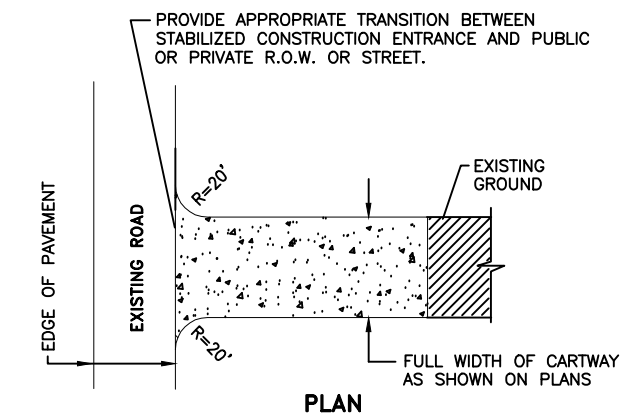


## SILT FENCE DETAIL

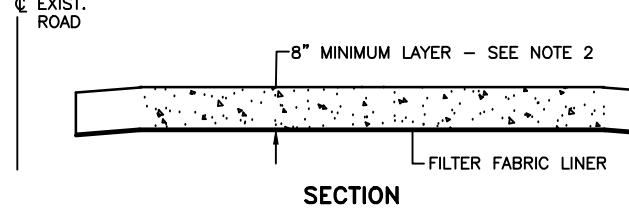
N.T.S.

### REQUIREMENTS FOR SILT FENCE:

- 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.
- 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.
- 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.



PLAN



SECTION

### NOTES:

- PLACE STABILIZED CONSTRUCTION ENTRANCE AT LOCATION
- STONE SIZE SHALL BE ASTM C-33, SIZE NO. 2 OR 3, CLEANED CRUSHED ANGULAR STONE.
- THE THICKNESS OF THE STABILIZED CONSTRUCTION ENTRANCE SHALL NOT BE LESS THAN 8".
- 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.
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.

## TRACKING PAD DETAIL

N.T.S.

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CERTIFICATE OF AUTHORIZATION: 24GA28060300

REVISION	DATE	APPROVED
ADDED POOL PATIO AND AWNING; REVISED COVERAGES; REVISED PROPOSED FENCE	02.19.20	DJE
AMENDED POOL PATIO; UPDATED COVERAGE TABLE	08.27.20	DJE
AMENDED SEEPAGE TANK DETAIL; ADDED EXISTING ROOF LEADER INFORMATION		

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. 24GE0262900

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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