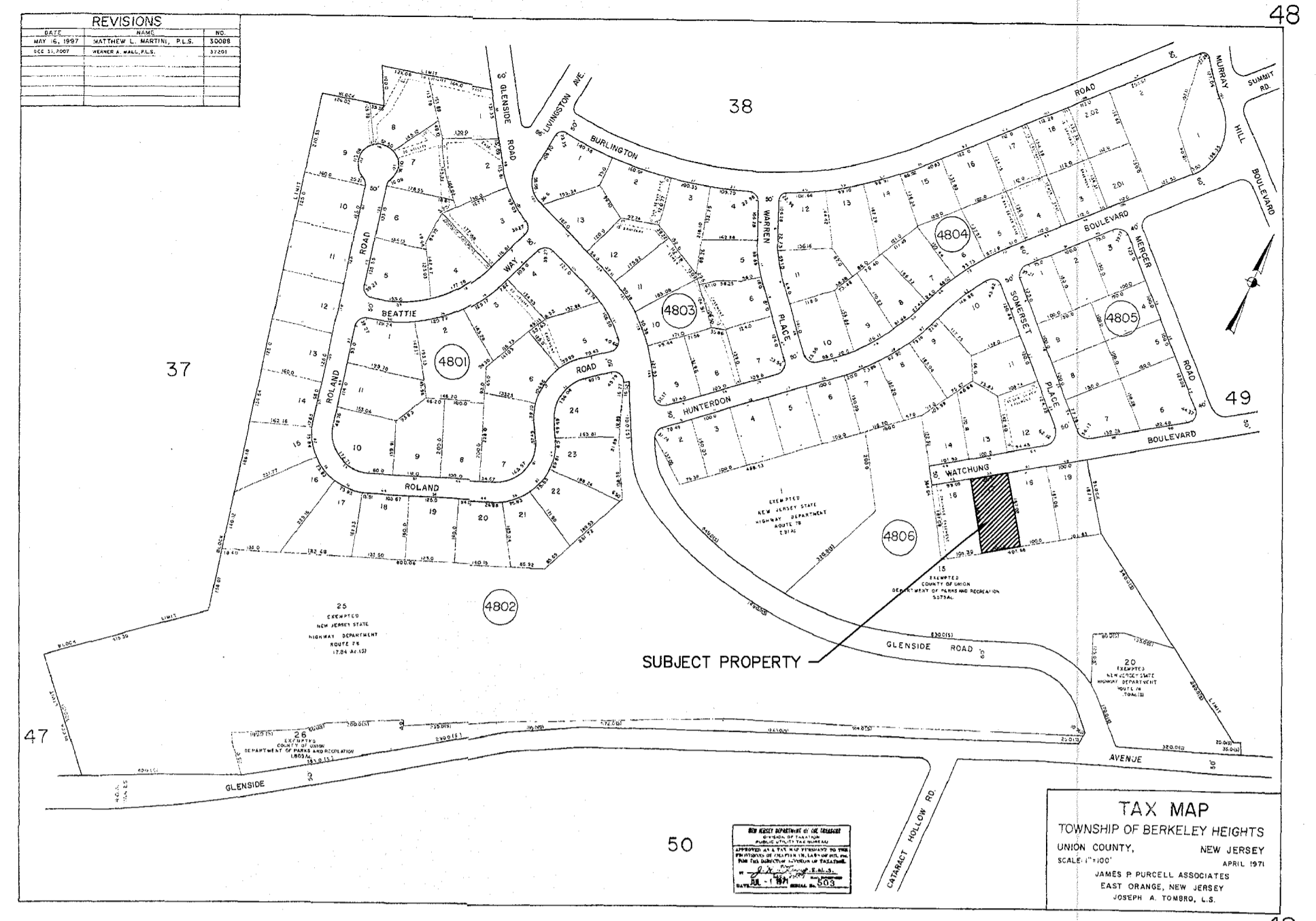


ZONING DATA-POOL CONSTRUCTION			
Zone: R-20			
Block 4806 Lot 17			
Owner: Bussin			
	REQUIRED	PROPOSED	Variance Req'd
Side Yard Setback	12'	20.6'	No
Rear Yard Setback	12'	12.0'	No
Setback from House	N/A	32.3'	No
BUILDING COVERAGE (%)	15%	10.8%	No
OTHER COVERAGE (%)	10%	24.6%	Yes

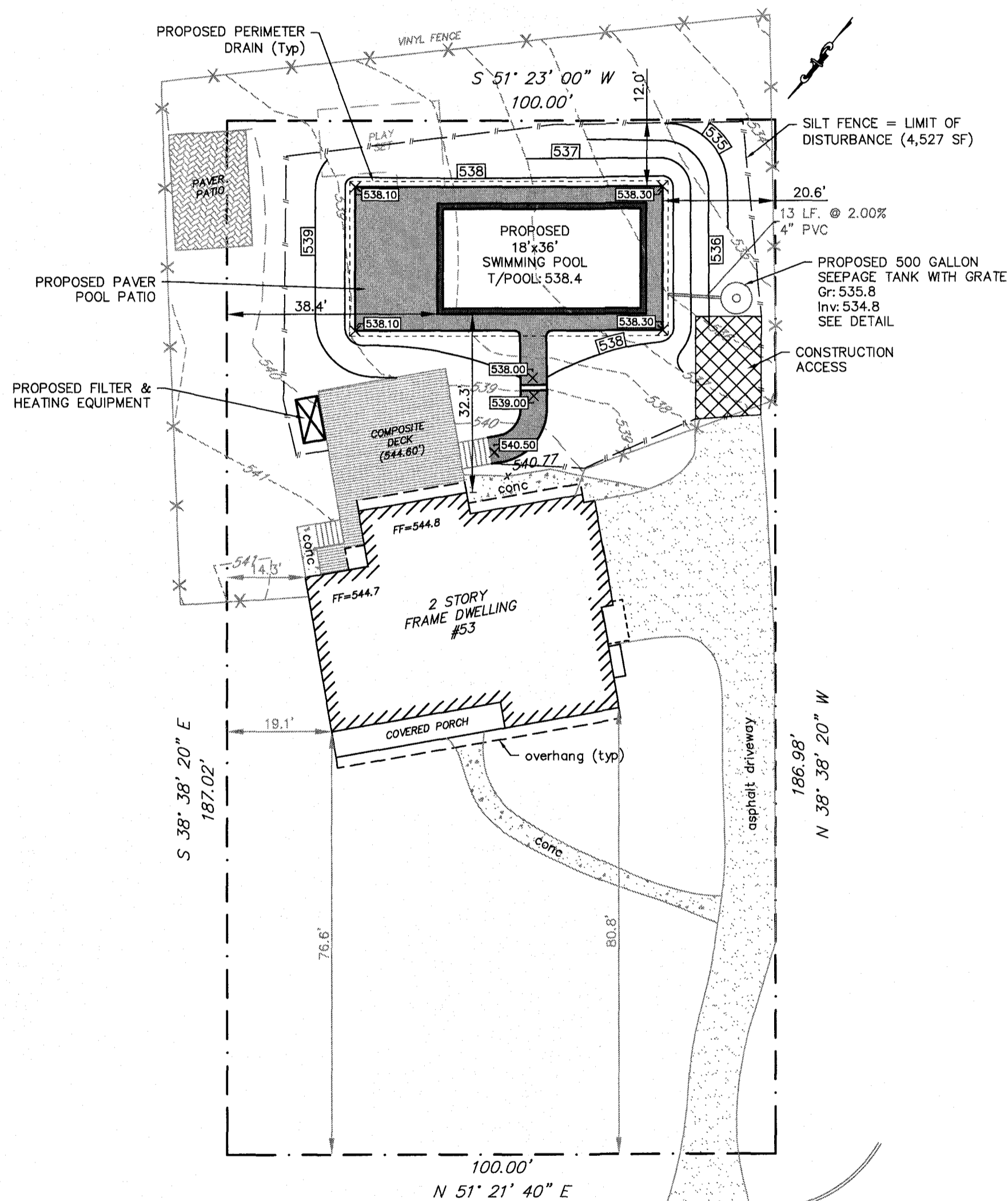
LOT COVERAGE CALCULATIONS			
Item	Area (sf)		
TOTAL LOT AREA (SF):	18,700		
Item	Existing	Proposed	Variance
House	1,944	1,944	
Covered Porch	146	146	
Over Hangs	208	208	
Front Walk	204	204	
Driveway	1,877	1,877	
Rear Deck	645	645	
Rear Walk/Patio	261	261	
Prop. Pool & Coping		760	
Prop. Pool Patio		823	
Filter Equip. Pad		32	
Building Coverage	2,298	2,298	No
	12.3%	12.3%	
Other Coverage	2,987	4,602	Yes
	16.0%	24.6%	

LEGEND

47.65 Existing Spot Elevation
 48.26 Proposed Spot Elevation
 TW Proposed Top of Wall
 BW Proposed Bottom of Wall
 TW Existing Top of Wall
 BW Existing Bottom of Wall

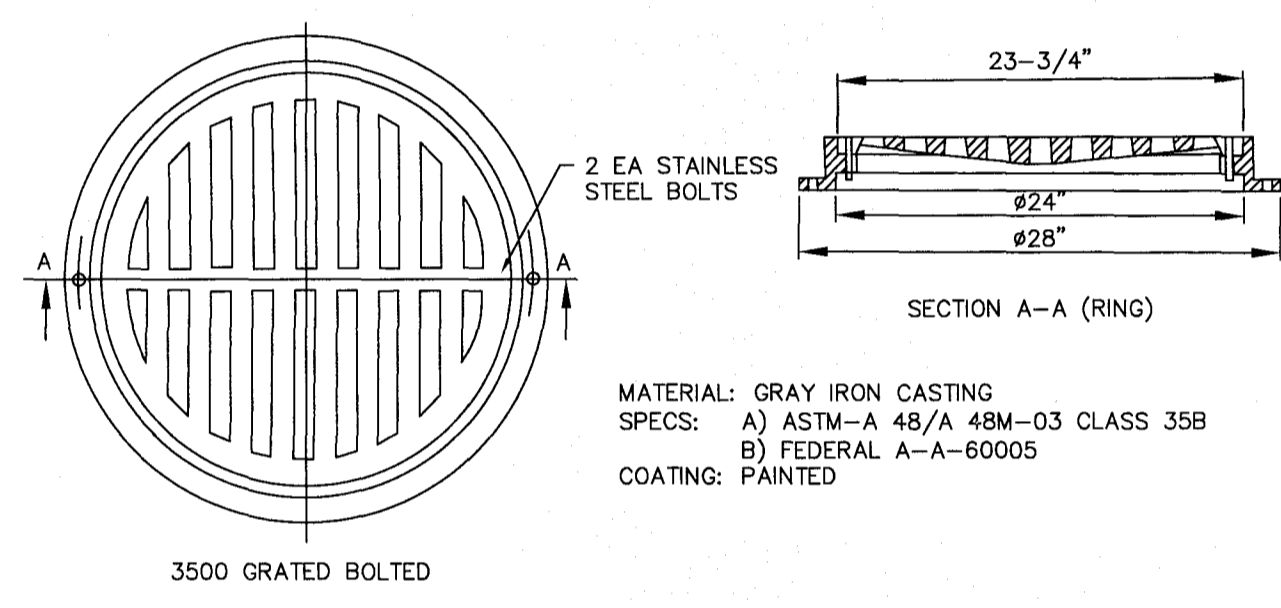
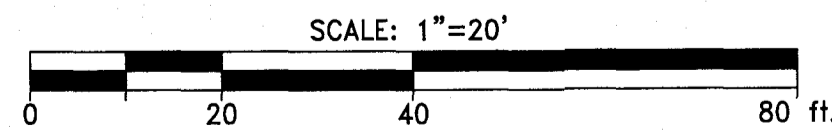


AREA MAP

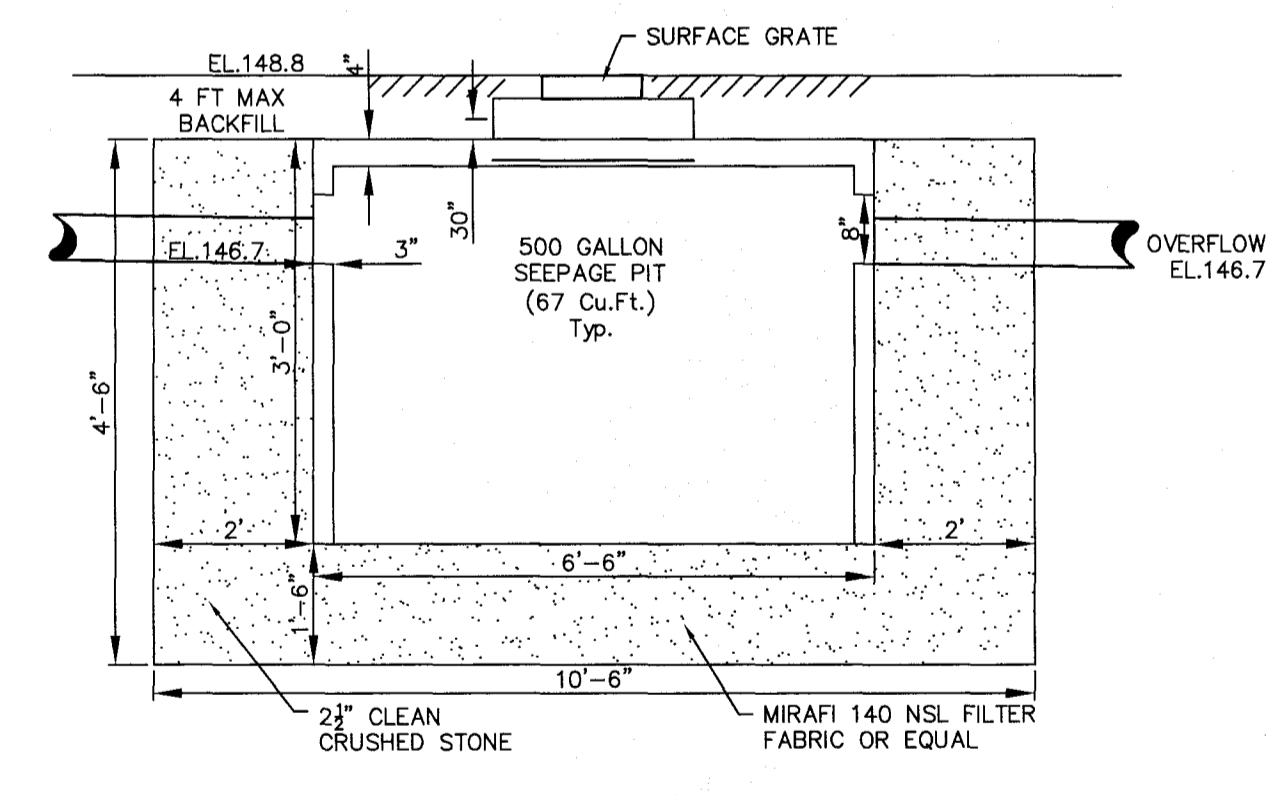


WATCHUNG BLVD
(50' ROW)

POOL LOCATION & GRADING PLAN



NOTES:
 1. GRATE BY GENERAL FOUNDRIES INC., 1160 STATE STREET PERTH AMBOY NJ

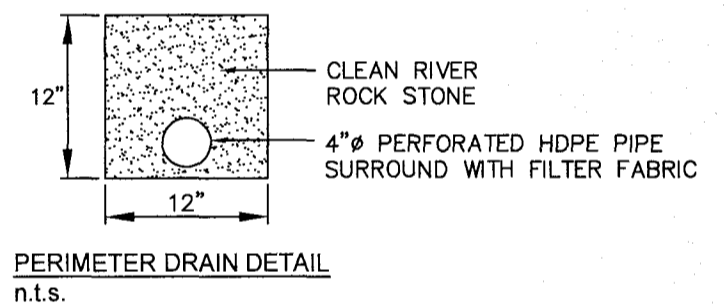


SEEPAGE TANK DETAIL

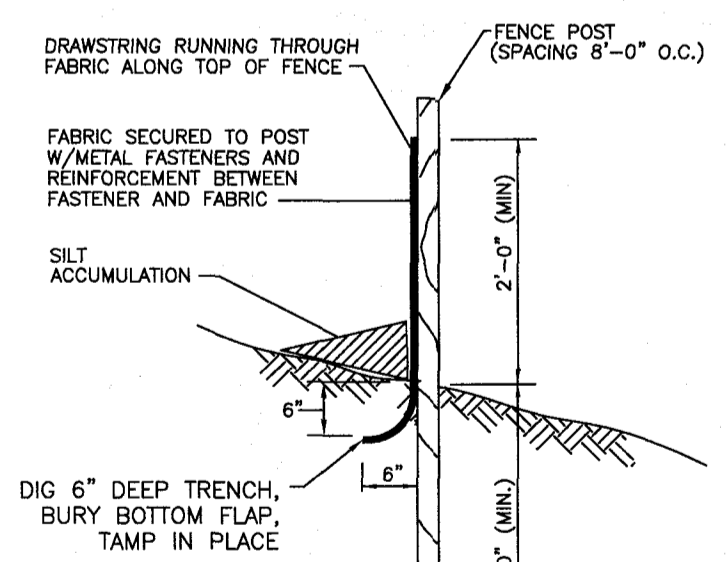
NOTES:
 1. EXISTING BOUNDARY INFORMATION TAKEN FROM A SURVEY PREPARED BY CONTROL LAYOUTS, INC. DATED 07.29.15.
 2. TOPOGRAPHIC INFORMATION TAKEN FROM A SURVEY PREPARED BY SOLISTICE SURVEYING, DATED 11.24.20.
 3. OWNER OR CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN WHICH MAY AFFECT THE VERTICAL AND/OR HORIZONTAL POSITION OF THE POOL.
 4. CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT OF THE POOL BOTH VERTICALLY AND HORIZONTALLY.
 5. POOL SHALL BE DESIGNED AND CONSTRUCTED IN CONFORMANCE WITH ANS/NSPI-5 PER THE INTERNATIONAL RESIDENTIAL CODE.
 6. FENCE SHALL BE INSTALLED A MINIMUM OF 12" INSIDE THE PROPERTY LINE. HOME OWNER OR CONTRACTOR SHALL BE RESPONSIBLE FOR FENCE LOCATION AND CONSTRUCTION.
 7. 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.
 8. DRIVEWAY TO BE UTILIZED FOR CONSTRUCTION ACCESS.
 9. A PERCOLATION TEST WILL BE PERFORMED AT THE TIME OF EXCAVATION. CONTRACTOR AND/OR HOME OWNER SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO EXCAVATION.
 10. IF IMPERVIOUS MATERIAL OR GROUND WATER IS ENCOUNTERED AT THE DRY WELL LOCATION DURING EXCAVATION, CONTACT THE ENGINEER.
 11. SET DRY WELL TO CONFORM WITH INLET ELEVATION OF DRAIN PIPE.

PROVIDED: 1-500 GAL DRY WELL = 67 cu.ft.
 STONE STORAGE (40% VOIDS):
 Pit Volume: 10.5' X 10.5' X 4' = 496 cu.ft.
 O.D. Tank=(3.14)(3.25)²(3)=99.5 cu.ft.
 496 cu.ft.-99.5 cu.ft.=396 cu.ft. @ 40% voids=158 cu.ft.
 TOTAL STORAGE =158 cu.ft.+67 cu.ft.=225 cu.ft.
 Proposed Patio: 823 sq.ft.
 Criteria: 3" of rain
 823 sf x 0.25"=206 cu.ft.

Note:
 VERIFY SOIL PERMEABILITY PRIOR TO CONSTRUCTION WITH RESULTS TO DESIGN ENGINEER TO VERIFY SUITABILITY OF THE DESIGN AND COPY THE TOWNSHIP ENGINEER.

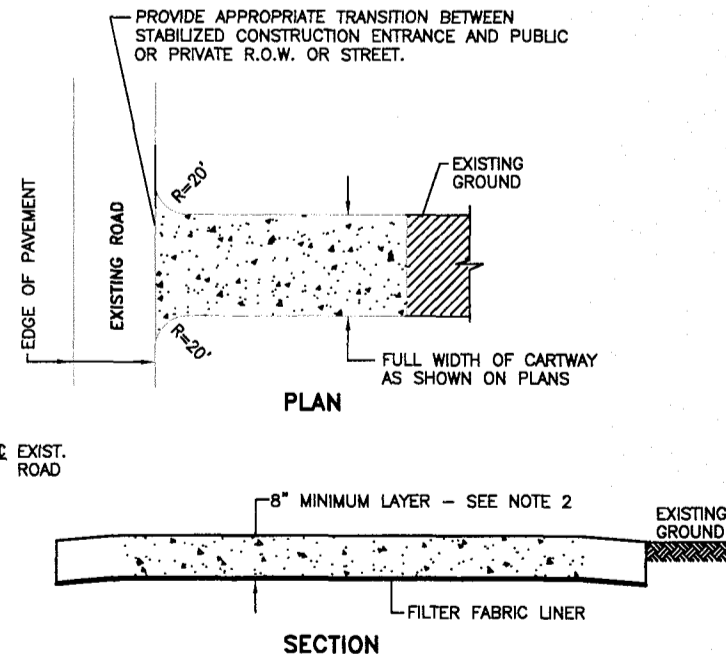


PERIMETER DRAIN DETAIL



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 INCHES.
 2. A METAL FENCE WITH 8 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.



TRACKING PAD DETAIL

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.
 5. 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.
 6. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.