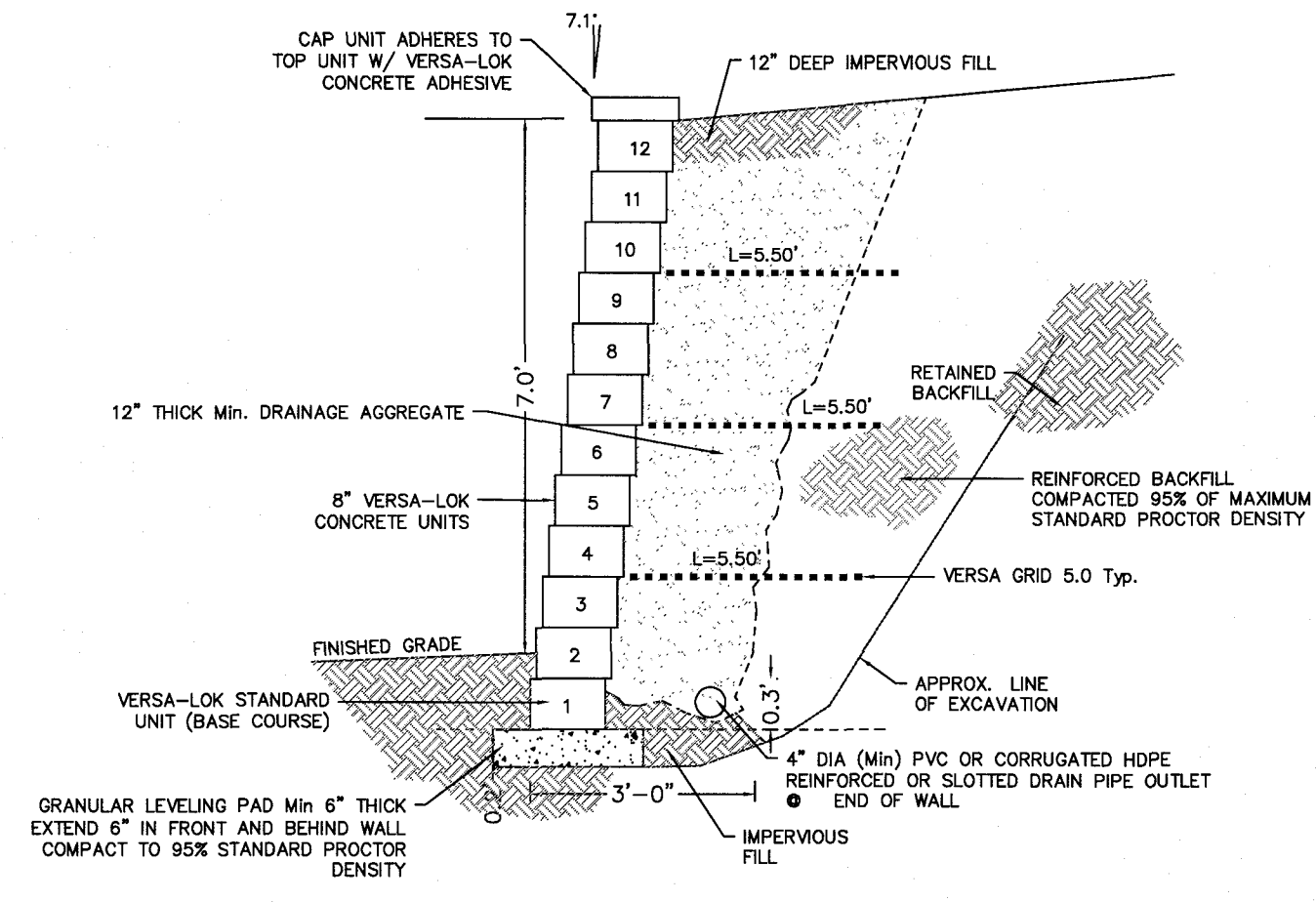


IMPERVIOUS LOT COVERAGE CALCULATIONS		
A	Property Size in Square Feet	32,024.53
B	Permitted Maximum Impervious Lot Coverage (A x 0.40)	12,809
C	Principal Building Footprint (sq ft)	2,295
D	Accessory Structure (sheds, freestanding garage) footprint (sq ft)	49
E	Paved Areas (concrete walkways, patios, driveways etc.) (sq ft)	2,513
F	Swimming Pool Surface Area	527
G	Surfaces with laid stone, slate or timber with open joints (sq ft x 0.5)	1090
H	Surfaces such as gravel, loose stones, special paver stones with voids for grass and timber decks with open joints (sq ft x 0.25)	0
I	Total Impervious Lot Coverage Area (Add Items C. through H)	5,847

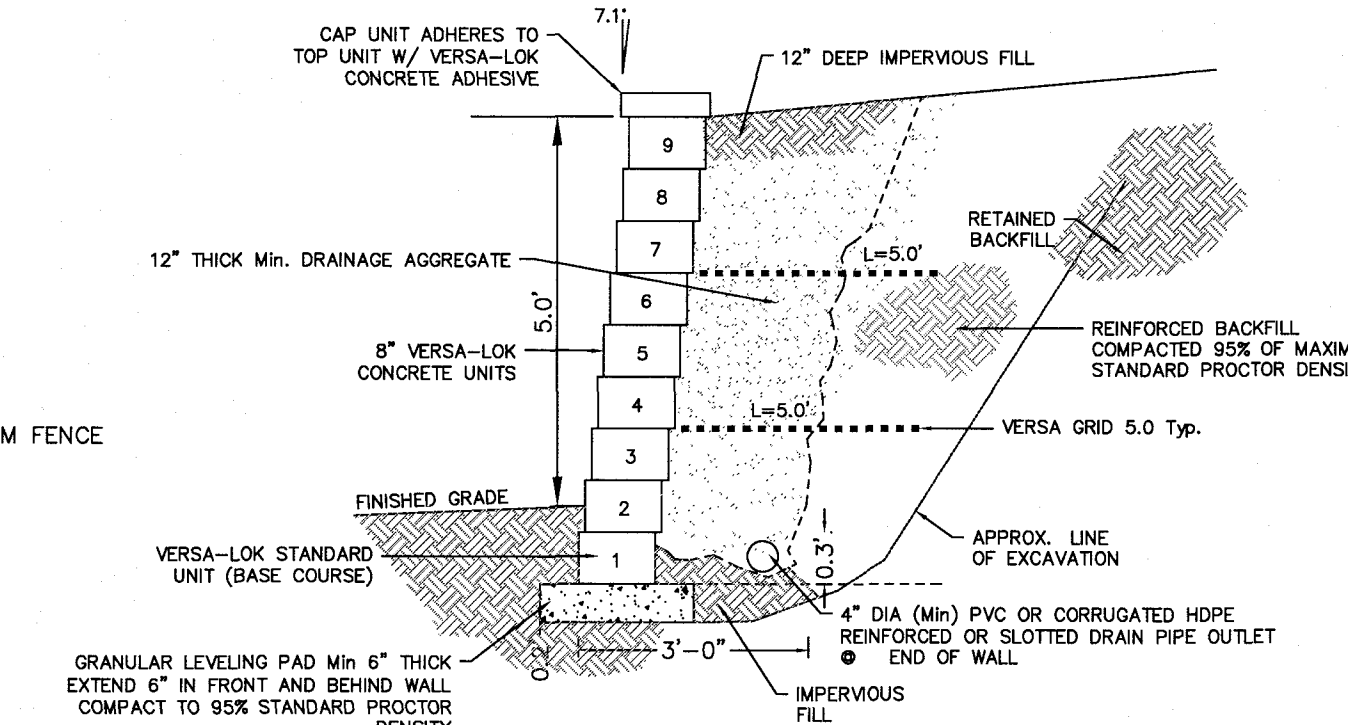
Environmental Protection Calculations Slope/Soil Disturbance for Individual Lot Calculation					
A Maximum Allowable Disturbance:					
Total Lot Area: 32,024 sq ft					
Lot Area (sq ft)	Single Family		Maximum Allowable Disturbance		
21,781 to 43,560	18,500 + 45%	18,500 + 0.45(32,024)	32,910		
B Total Adjusted Disturbed Area					
Slope Range	Adjustment Factor	Area Disturbed (SF)	Adjusted Area (SF)	Slope Symbol	
1. 0 to 7.9%	1.00	19	19		
2. 8 to 14.9%	1.00	590	590		
3. 15 to 19.9%	1.50	1,080	1,620		
4. 20 to 23.9%	2.50	805	2,013		
5. 24% and 29.9%	3.50	734	2,569		
6. 30% & Greater	3.50	1,204	4,214		
6. Ex. Impervious Area (outside proposed L.O.D.)	1.00	5,898	5,898		
6a. Area disturbed outside proposed L.O.D. in last 5 years	1.00	0	0		
7. Sum of Adjusted Areas = TADA (SF)			16,923		
C. TADA IS LESS THAN MAD					
		No (EP Waiver Granted)			



NOTES:
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.

7.0FT. HIGH REINFORCED RETAINING WALL

N.T.S.

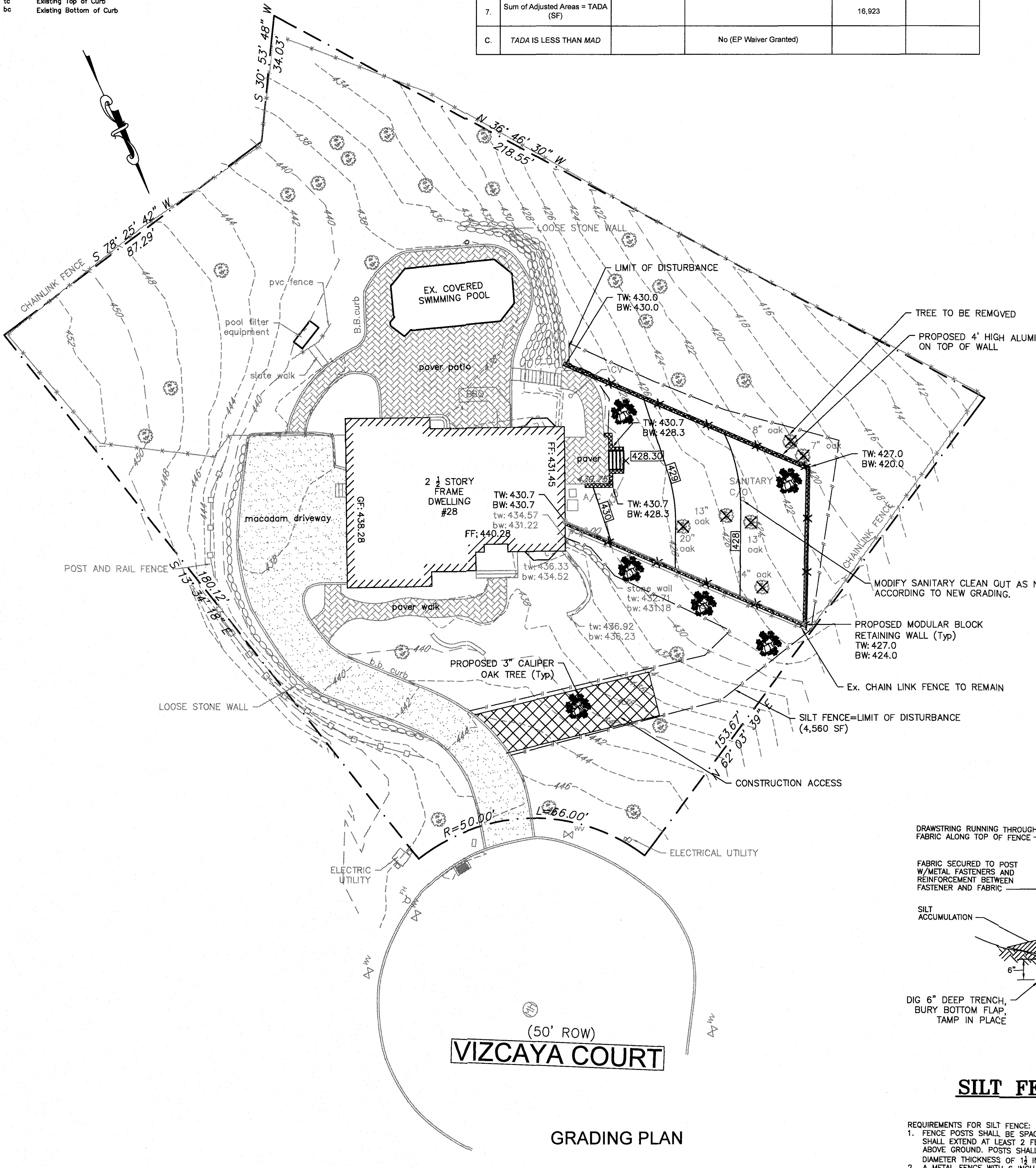


NOTES:
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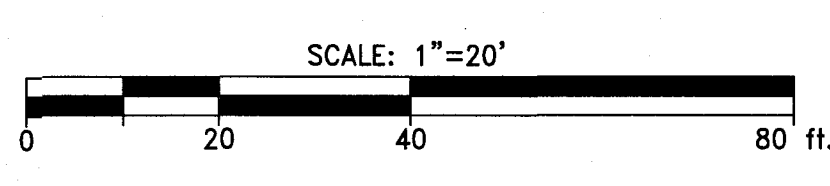
5.0FT. HIGH REINFORCED RETAINING WALL

N.T.S.

- LEGEND**
- 0.87.65 Existing Spot Elevation
 - 0.87.00 x Existing Contour
 - 0.87.00 Proposed Spot Elevation
 - 0.87.00 Proposed Contour
 - TW Proposed Top of Wall
 - BW Proposed Bottom of Wall
 - EW Existing Top of Wall
 - BW Existing Bottom of Wall
 - TC Proposed Top of Curb
 - BC Proposed Bottom of Curb
 - lc Existing Top of Curb
 - bc Existing Bottom of Curb

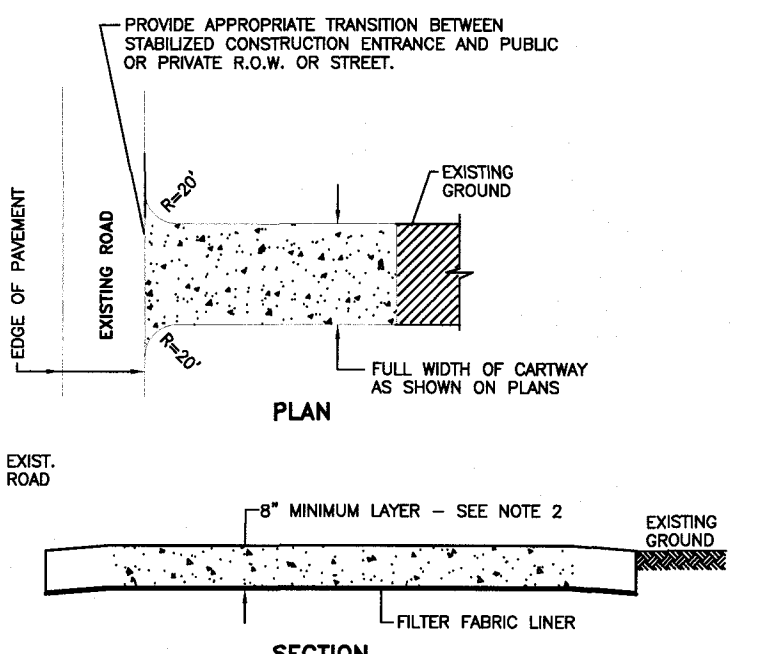


- NOTES:
- EXISTING BOUNDARY INFORMATION TAKEN FROM A SURVEY PROVIDED BY THE HOMEOWNER.
 - TOPOGRAPHIC SURVEY PREPARED BY PAX SURVEYING DATED 11.14.19.
 - DATUM IS NAVD 1988.
 - OWNER OR CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN.
 - 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.
 - DRIVEWAY TO BE UTILIZED FOR CONSTRUCTION ACCESS.



SILT FENCE DETAIL

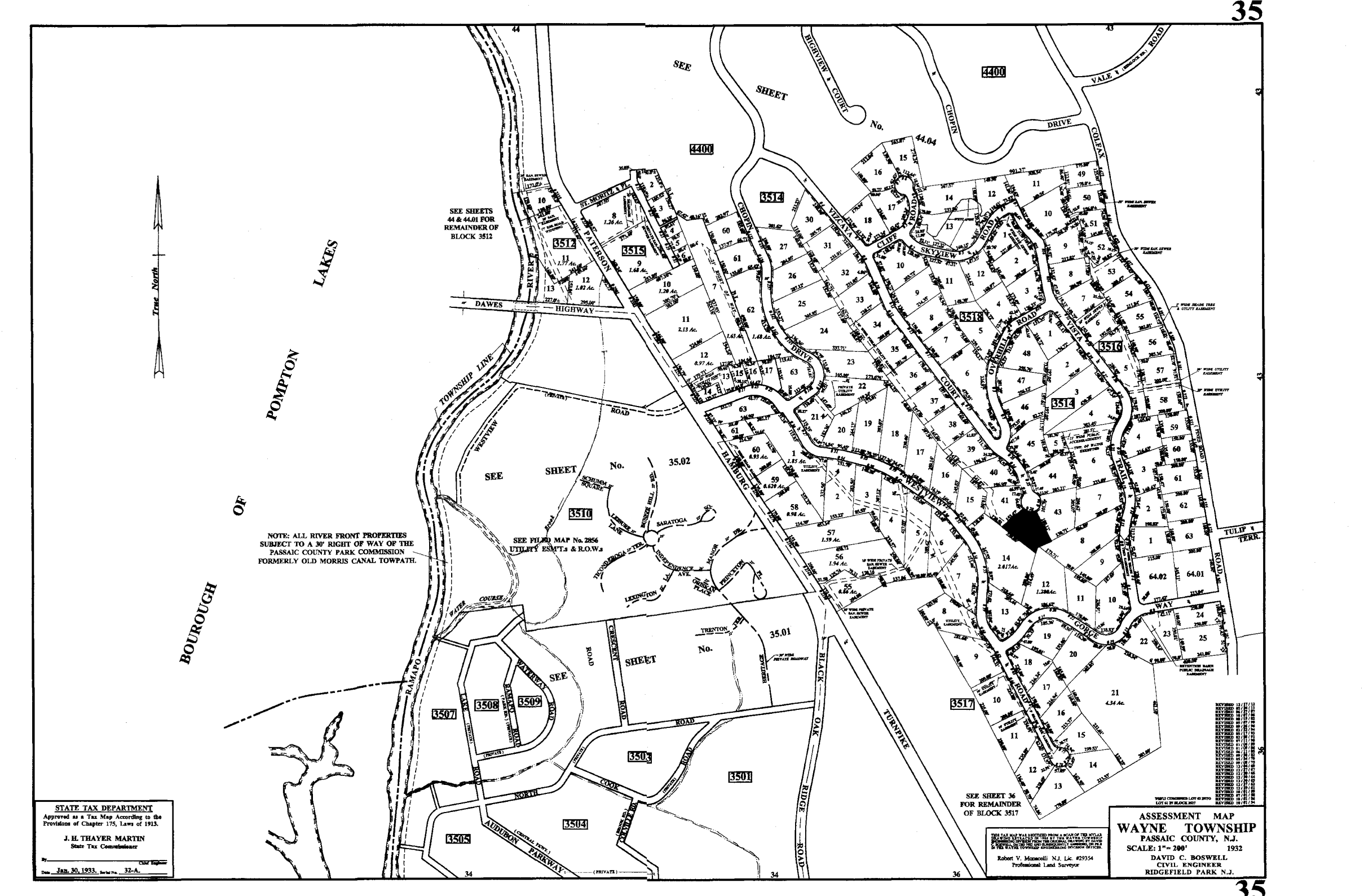
- REQUIREMENTS FOR SILT FENCE:
- FENCE POSTS SHALL BE SPACED 8 FT. CENTER-TO-CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND AND EXTEND AT LEAST 2 FEET ABOVE GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD WITH A MINIMUM DIAMETER THICKNESS OF 1 1/2 INCHES.
 - A METAL FENCE WITH 6 INCH 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.



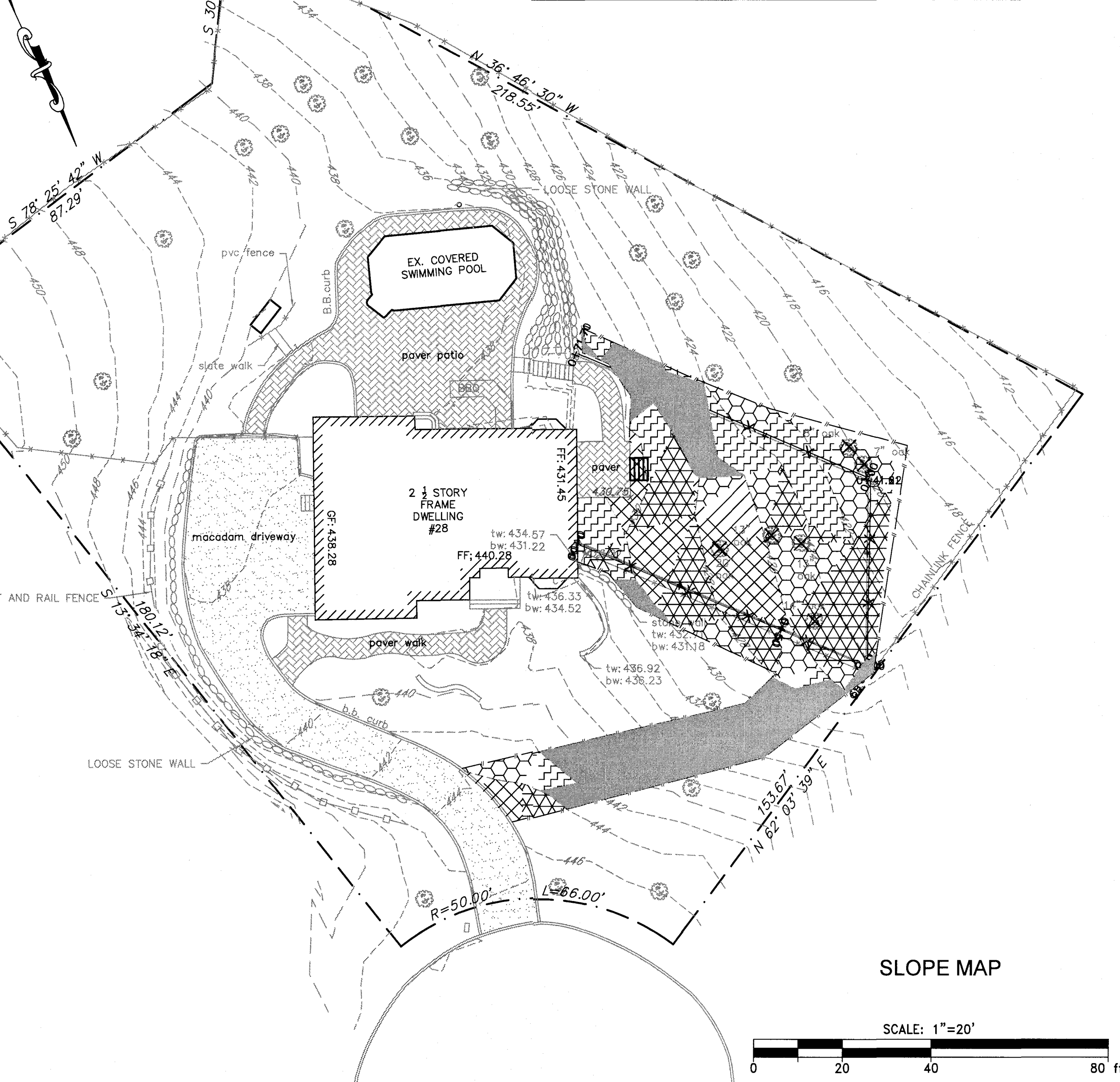
- NOTES:
- PLACE STABILIZED CONSTRUCTION ENTRANCE AT LOCATION
 - STONE SIZE SHALL BE ASTM C-33, SIZE NO. 2 OR 3, CLEANED CRUSHED ANGULAR STONE.
 - THE THICKNESS OF THE STABILIZED CONSTRUCTION ENTRANCE SHALL NOT BE LESS THAN 8"
 - WIDTH - NOT LESS THAN FULL WIDTH OF POINTS OF INGRESS OR EGRESS.
 - THE 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.



AREA MAP



SLOPE MAP



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	REVISION	DATE	APPROVED	TOWNSHIP OF WAYNE, PASSAIC COUNTY, NJ			SHEET 1 OF 1	