

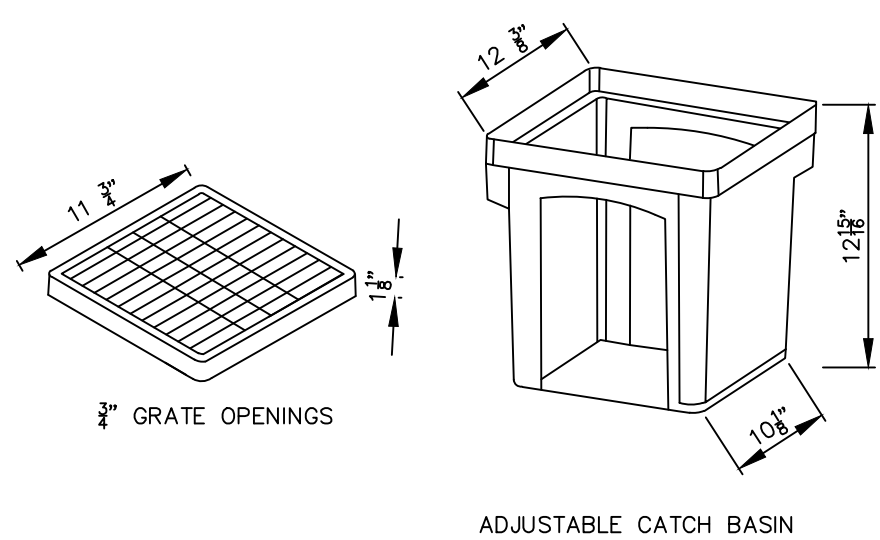
SEEPAGE TANK DETAIL

NTS
by PEERLESS OR EQUAL

PROVIDED: 1-500 GAL DRY WELL = 67 cu.ft.

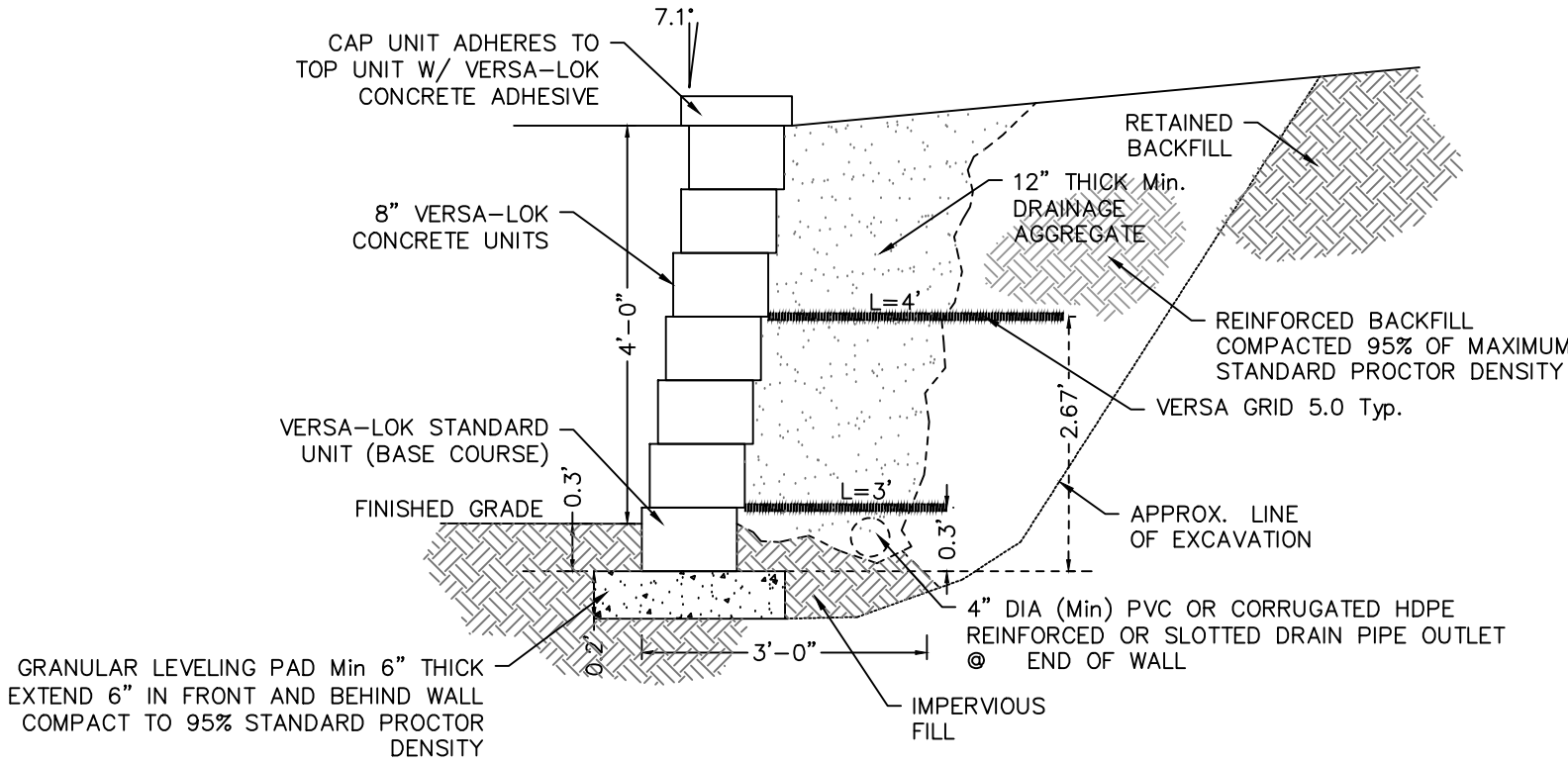
STONE STORAGE (40% VOIDS):
Pit Volume: 12.5' X 12.5' X 4.5' = 703 cu.ft.
O.D. Tank=(3.14)(3.25)²(3)=99.5 cu.ft.
703 cu.ft.-99.5 cu.ft.=604 cu.ft. @ 40% voids=242 cu.ft.

TOTAL STORAGE =242 cu.ft.+67 cu.ft.=309 cu.ft.



12" CATCH BASIN DETAIL

NTS
by NDS OR EQUAL



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

4.0FT. HIGH REINFORCED RETAINING WALL

N.T.S.

ZONING DATA-POOL CONSTRUCTION

Zone: R-50B

Block 1403 Lot 40

Owner: Guglielmi

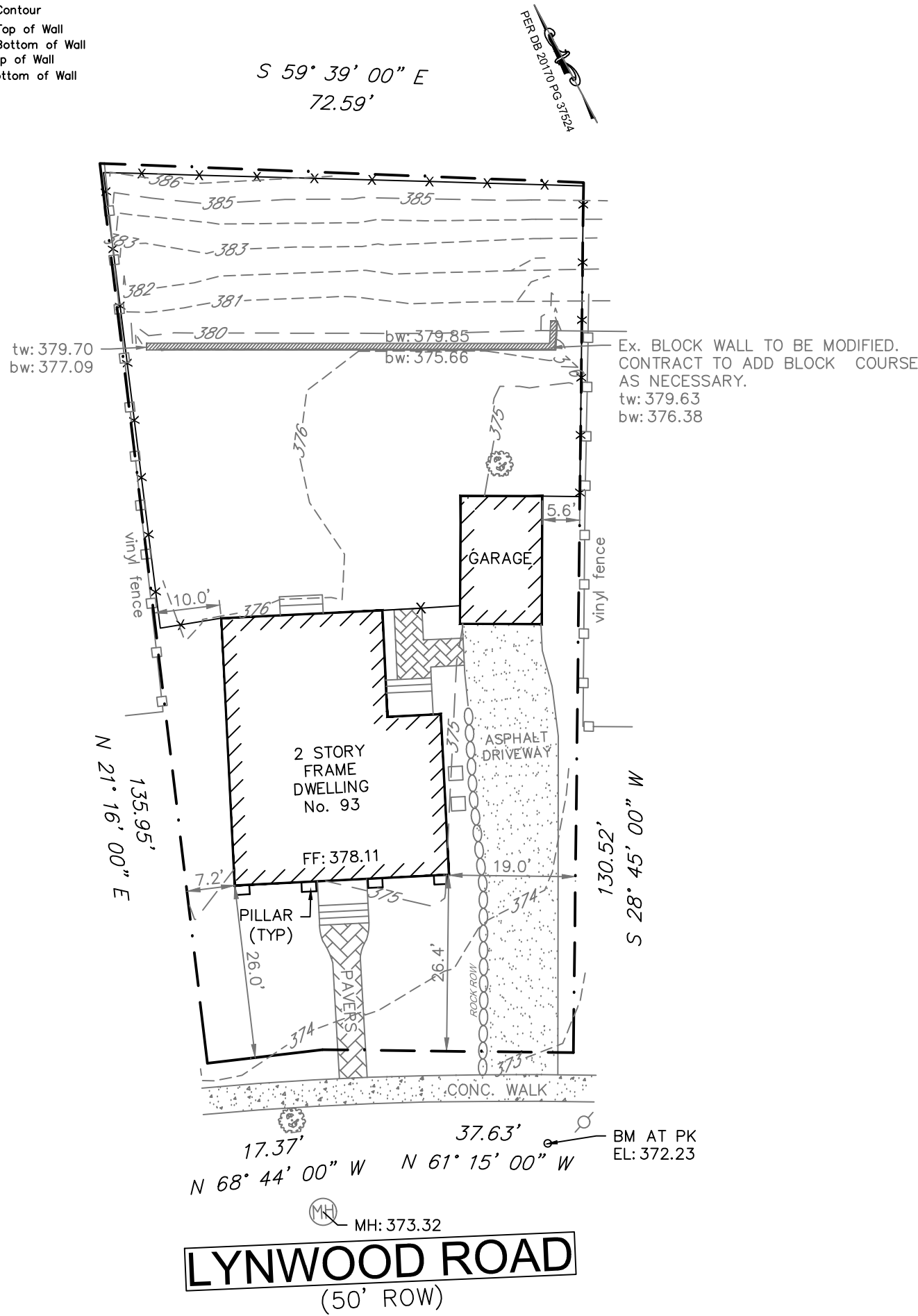
	REQUIRED	PROPOSED	Variance Req'd
Side Yard Setback	10'	11.2'	No
Rear Yard Setback	10'	5.6'	Yes
Setback from House	10'	44.1'	No
Side Yard Setback to Cabana	8'	7.1'	Yes
Rear Yard Setback to Cabana	10'	7.1'	Yes
Lot Coverage (%)	25%	19.0%	No
Improved Lot Coverage (%)	40%	42.2%	Yes

LOT COVERAGE

Item	Existing (sf)	Proposed (sf)	Variance
House	1,175	1,175	
Detached Garage	235	235	
Front Walk	768	768	
Rear Walk	138	138	
Rear Patio/Walks	125	125	
A/C Pads	8	8	
Prop. Pool/Coping		480	
Prop. Pool Patio		404	
Prop. Cabana		192	
Equip Pads		24	
Lot Coverage	1,410	1,602	
	16.8%	19.0%	No
Improved Lot Coverage	29.1%	42.2%	Yes

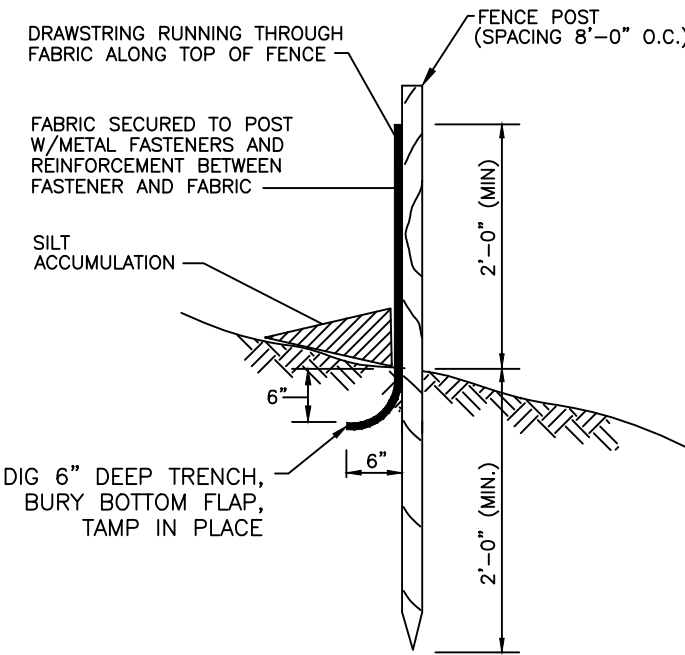
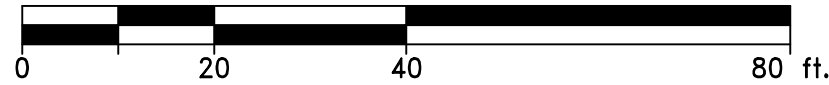
LEGEND

x 87.65	Existing Spot Elevation
[89.06] x	Proposed Spot Elevation
[100]	Proposed Contour
TW	Proposed Top of Wall
BW	Proposed Bottom of Wall
tw	Existing Top of Wall
bw	Existing Bottom of Wall



EXISTING CONDITIONS

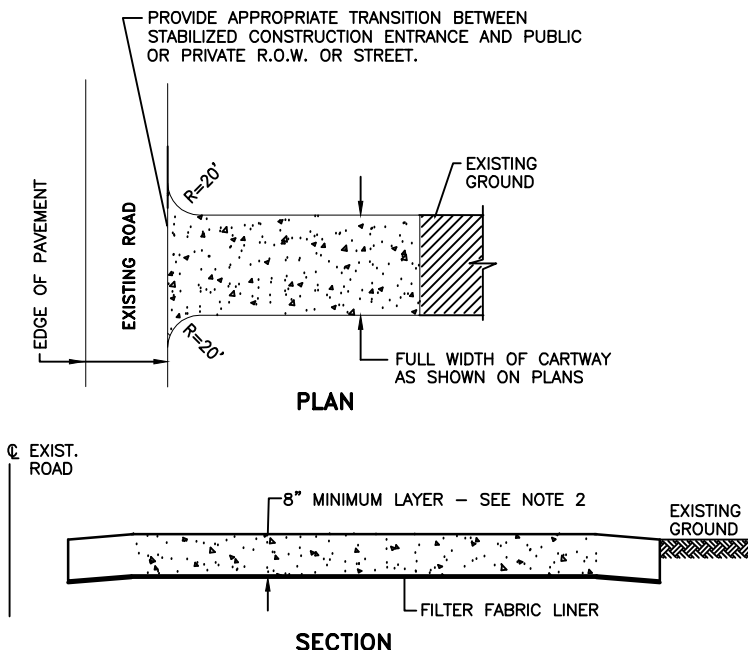
SCALE: 1"=20'



SILT FENCE DETAIL

N.T.S.

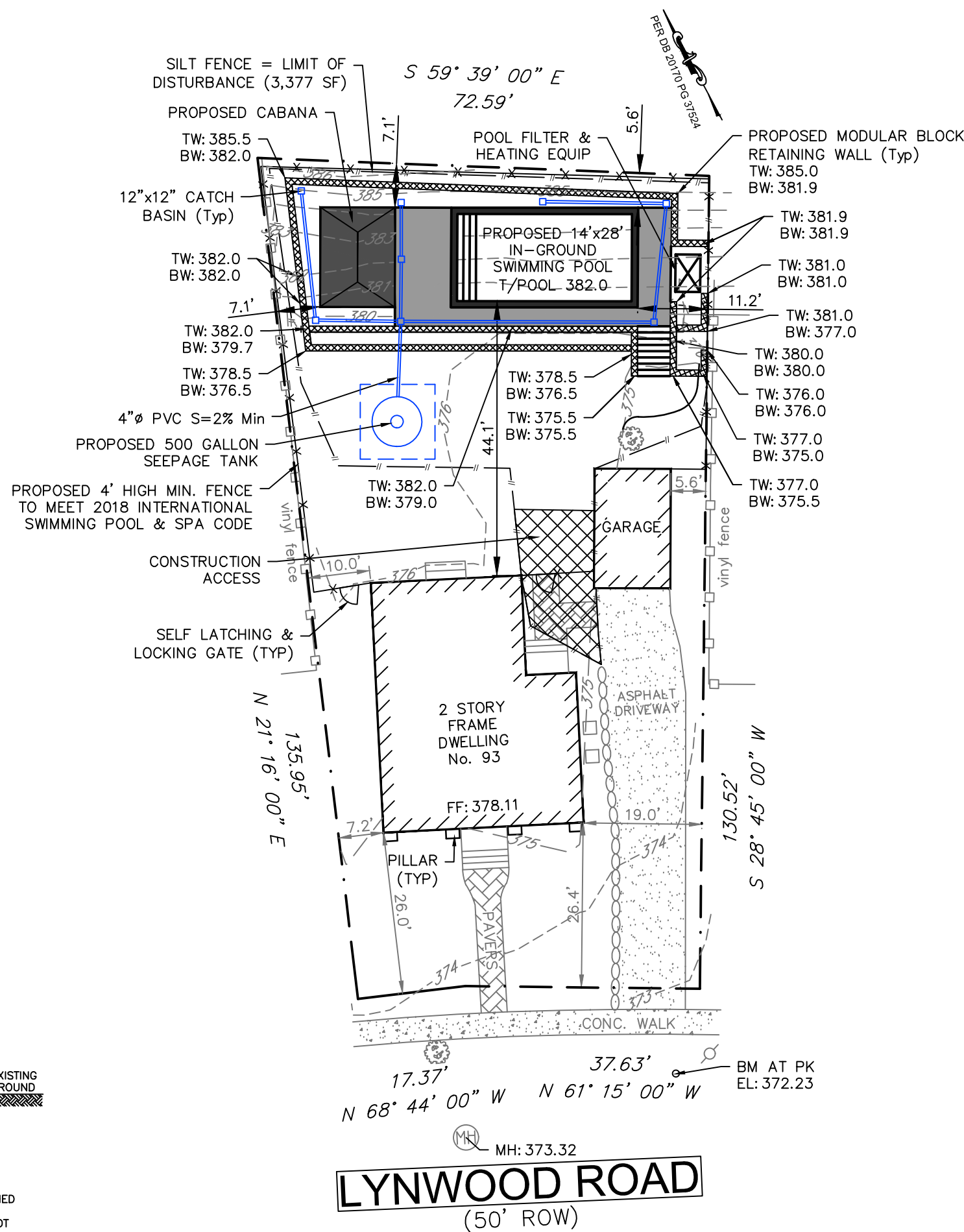
REQUIREMENTS FOR SILT FENCE:
1. FENCE POSTS SHALL BE SPACED 8 FT. CENTER-TO-CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND AND EXTEND AT LEAST 2 FEET ABOVE GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD WITH A MINIMUM DIAMETER THICKNESS OF 1 1/2 INCHES.
2. A METAL FENCE WITH 6 INCH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

TRACKING PAD DETAIL

N.T.S.



POOL LOCATION & GRADING PLAN

SCALE: 1"=20'



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CERTIFICATE OF AUTHORIZATION: 24GA28060300

REVISION

DATE

APPROVED

DESIGNER: JDE
DRAWN BY: JDE
CHECK BY: DJE
DATE: 05.21.21
SCALE: 1" = 20'
PROJECT NO.: 21042

DAVID J. EGARIAN, P.E.

N.J. LIC. NO. 24GE0222900



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**POOL LOCATION & GRADING PLAN
FOR THE
GUGLIELMI RESIDENCE**

93 LYNWOOD ROAD
BLOCK 1403 LOT 40
TOWNSHIP OF VERONA, ESSEX COUNTY, NJ

DRAWING NO:

1

SHEET 1 OF 1