

NOTES:

- THIS MAP IS NOT A SURVEY.
- THE PURPOSE OF THIS MAP IS FOR OBTAINING A PERMIT FROM THE TOWNSHIP OF MARLBORO FOR THE CONSTRUCTION OF AN IN-GROUND POOL, SURROUNDING PATIO, AND A DECK.
- BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON TAKEN FROM A CERTAIN PLAN ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, LOT 151, BLOCK 312, TOWNSHIP OF MARLBORO, COUNTY OF MONMOUTH, NEW JERSEY," PREPARED BY MORGAN ENGINEERING & SURVEYING, LLC, DATED 12/2/20.
- NO INVESTIGATION HAS BEEN PERFORMED AS IT RELATES TO THE PRESENCE OR LACK THEREOF OF WETLANDS ON THE SUBJECT SITE.
- PROPERTY IS LOCATED IN FLOOD ZONE AE ELEV. 121.7 AS SHOWN ON CURRENT FIRM MAP #34025C0135F, DATED 09/25/2009 BASED UPON INTERPOLATION BETWEEN CROSS SECTIONS S-S AND T-T.
- EXISTING UTILITIES TO BE MARKED OUT PRIOR TO THE START OF CONSTRUCTION.
- ALL ELEVATIONS ARE IN NAVD 1988 DATUM THROUGH GPS OBSERVATIONS USING LEICA RTK GPS NETWORK.
- THIS PROPERTY LOCATED WITHIN THE R20 ZONE.
- POOL MODEL - 14'x30' IN-GROUND POOL.
- ALL PRIVATE SWIMMING POOLS SHALL BE COMPLETELY AND CONTINUOUSLY SURROUNDED BY A PERMANENT DURABLE WALL, FENCE OR BARRIER NOT LESS THAN FOUR (4) FEET IN HEIGHT ABOVE GRADE. A DWELLING, HOUSE, OR ACCESSORY BUILDING MAY BE USED AS PART OF SUCH ENCLOSURE. ALL GATES USED IN CONJUNCTION WITH ANY OF THE ABOVE DESCRIBED ENCLOSURES SHALL BE EQUIPPED WITH SELF-CLOSING AND SELF-LATCHING DEVICES FOR KEEPING THE GATES OR DOORS CLOSED AT ALL TIMES WHEN NOT IN USE.
- CONTRACTOR TO ENSURE ADEQUATE SUBGRADE BELOW AND IN THE IMMEDIATE VICINITY OF THE POOL. MORGAN ENGINEERING HAS PERFORMED NO STRUCTURAL CALCULATIONS AS IT RELATES TO THE SUPPORT OF THE POOL AND IMMEDIATE SURROUNDING AREA.

ZONE R20 REQUIREMENTS			
	REQUIRED	EXISTING	PROVIDED
MIN. LOT AREA	20,000 S.F.	21,038 S.F.	N.C.
MIN. GROSS DENSITY (LOTS/ACRE)	1.74	2.08	N.C.
MIN. LOT FRONTAGE	100 FT.	110.28 FT.	N.C.
MIN. LOT WIDTH	100 FT.	112.85 FT.	N.C.
MIN. LOT DEPTH	150 FT.	191.96 FT.	N.C.
MAX. TOTAL LOT COVERAGE	28%	16%	16.1%

* - VARIANCE REQUIRED
N.C. - NO CHANGE

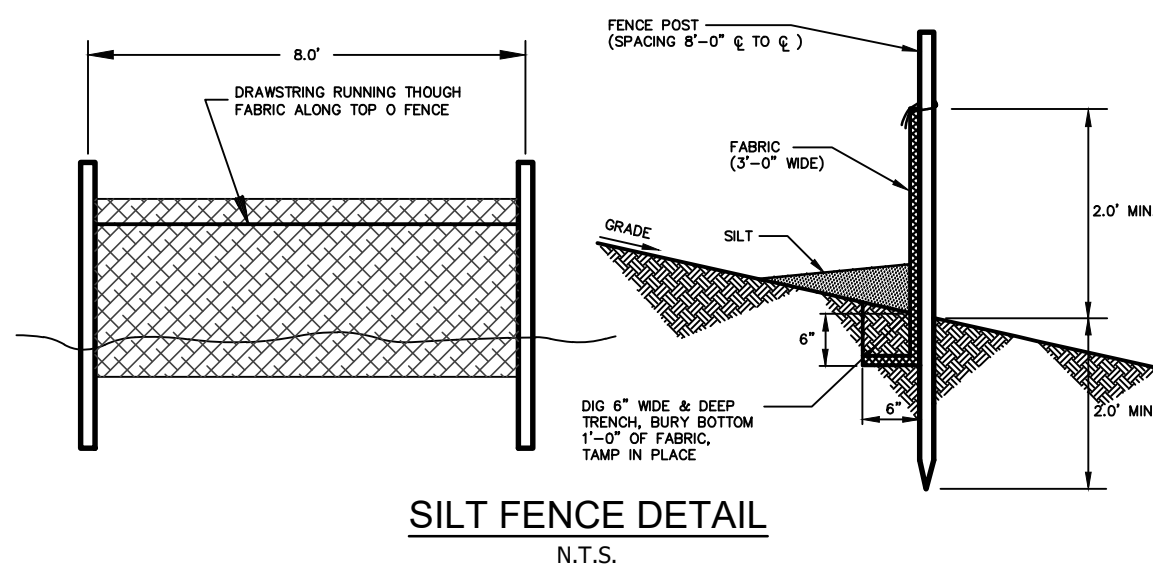
POOL REQUIREMENTS			
	REQUIRED	EXISTING	PROVIDED
MIN. SIDE YARD SETBACK	10 FT.	-	39.7 FT.
MIN. REAR YARD SETBACK	20 FT.	-	42.1 FT.
MAX. POOL YARD AREA COVERAGE:			
SIDE YARD	75%	-	1.5%
REAR YARD	75%	-	3.4%

TOTAL LOT COVERAGE		
DESCRIPTION	EXISTING	PROPOSED
DWELLING (I)	2,006 S.F.	N.C.
DRIVEWAY	616 S.F.	N.C.
SHED	48 S.F.	N.C.
COV. MAS. PORCH (E)	100 S.F.	N.C.
OPEN MAS. PORCH	109 S.F.	N.C.
PAVERS	797 (399) S.F.	814 (407) S.F.
WALL/COL./CURB/TIE	75 S.F.	51 S.F.
POOL EQUIPMENT PAD	-	24 S.F.
A/C & UTILITIES	16 S.F.	N.C.
IMPERVIOUS LOT COVERAGE	3,369 S.F.	3,377 S.F.
LOT AREA	21,038 S.F.	
TOTAL LOT COVERAGE	16.0%	16.1%

(I) - INCLUDES OVERHANG
(E) - EXCLUDES AREA UNDER OVERHANG
(X) - 50% PAVERS IMPERVIOUS

POOL SIDE YARD AREA COVERAGE		
DESCRIPTION	EXISTING	PROPOSED
EQUIPMENT PAD	-	24 S.F.
POOL YARD COVERAGE	-	24 S.F.
YARD AREA	1,569 S.F.	
TOTAL POOL YARD COVERAGE	-	1.5%

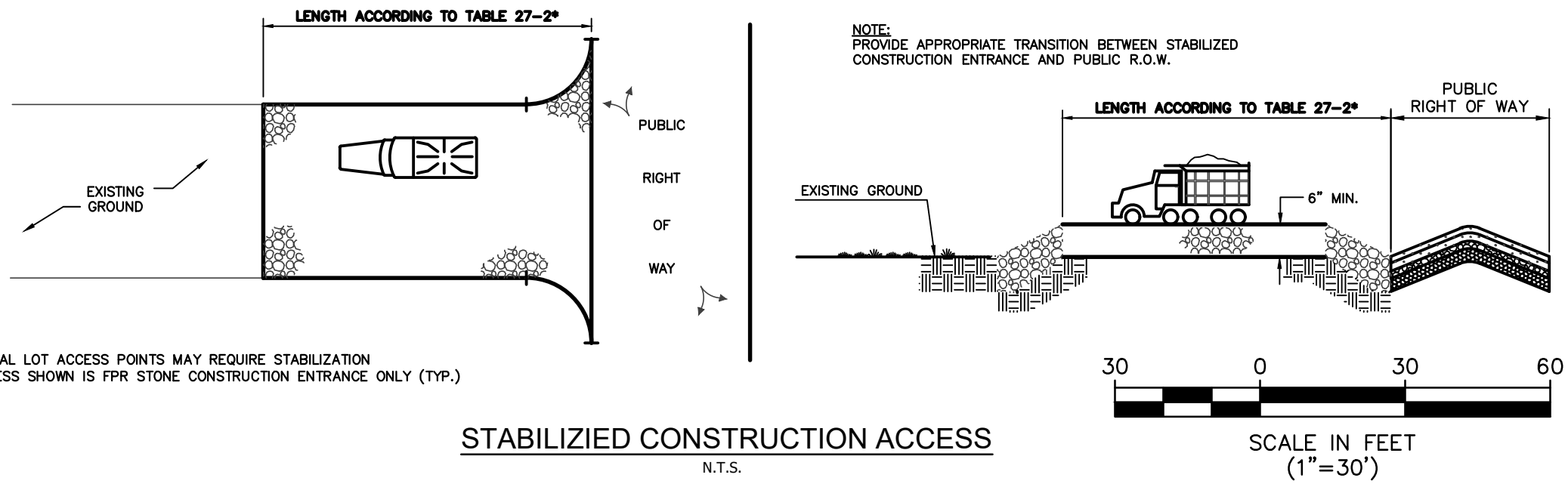
POOL REAR YARD AREA COVERAGE		
DESCRIPTION	EXISTING	PROPOSED
POOL	-	420 S.F.
POOL YARD COVERAGE	-	420 S.F.
YARD AREA	12,360 S.F.	
TOTAL POOL YARD COVERAGE	-	3.4%



PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COARSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FT.	100 FT.
2 TO 5%	100 FT.	200 FT.
>5%	ENTIRE SURFACE STABILIZED WITH FABC BASE COURSE*	

* AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNMENT AUTHORITIES.

NOTE: PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC R.O.W.



NOTE: INDIVIDUAL LOT ACCESS POINTS MAY REQUIRE STABILIZATION THICKNESS SHOWN IS FOR STONE CONSTRUCTION ENTRANCE ONLY (TYP.)

PREPARED FOR: JOSEPH V. SPINA

<p>THE OWNER OR HIS/HER DESIGNATED REPRESENTATIVE SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF CONDITIONS ARE ENCOUNTERED ON-SITE CONTRARY TO THOSE DEPICTED ON THIS PLAN. THE UNDERSIGNED PROFESSIONAL SHALL BE GRANTED ACCESS TO THE SITE AND PROVIDED ADEQUATE TIME TO REVIEW AND, IF NECESSARY, AMEND THE DESIGN BASED UPON THE OBSERVED SITE CONDITIONS.</p>			
1	1/25/21	REVISED LIMIT OF DISTURBANCE	DAP
REV	DATE	DESCRIPTION	BY
<p>CERTIFICATE OF AUTHORIZATION: 24GA28229800</p> <p>MORGAN engineering & surveying www.morganengineeringllc.com</p> <p>P.O. BOX 5232 TOMS RIVER, N.J. 08754 TEL: 732-270-9690 FAX: 732-270-9691</p>			
<p>MATHEW R. WILDER NEW JERSEY PROFESSIONAL ENGINEER LICENSE No. 50652</p>		<p>POOL PERMIT PLOT PLAN #27 BROOKSIDE CIRCLE LOT 151 BLOCK 312 TOWNSHIP OF MARLBORO COUNTY OF MONMOUTH NEW JERSEY</p>	
Scale: 1"=30'	Drawn By: DAP	Date: 1/8/21	Sheet # 1 of 1