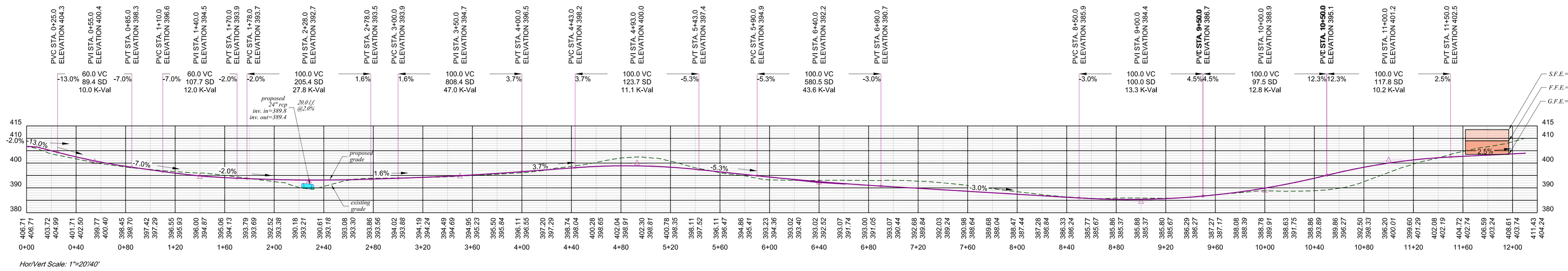

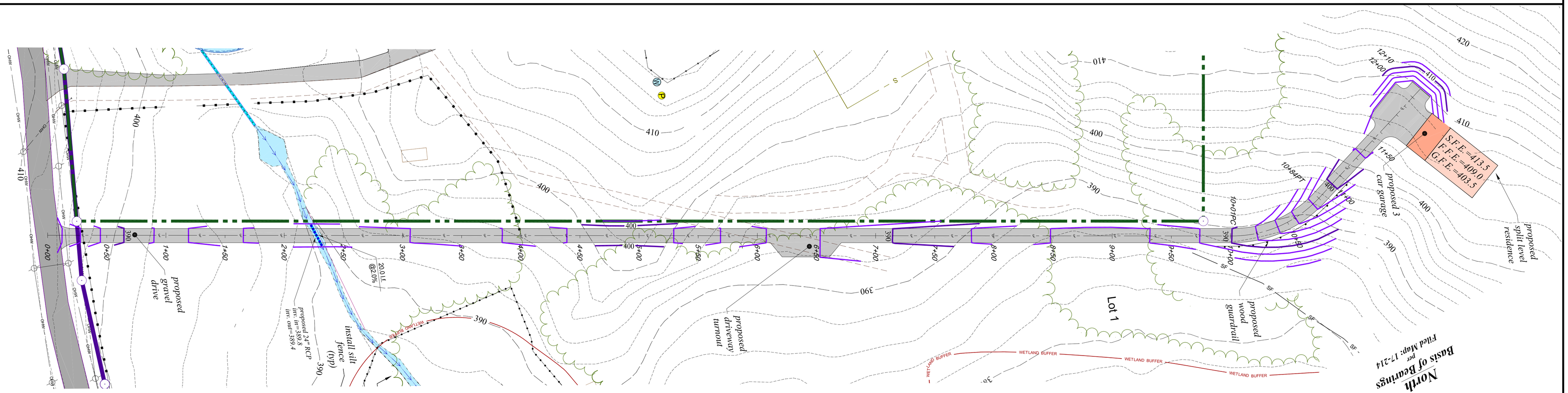

Proposed Driveway Plan & Profile Lot 1

Hor./Vert. Scale: 1"=40'/20'

Profile Report 11/05/2020 10:18
File: Z:\DATA\19054NAS\3D\P DW Alt1.pro
Road Profile

Station	Elevation	VertCurve	K-Value	Distance	Slope	Description
0+00.00	406.71					
0+08.00	406.55		8.00		-2.00%	
0+25.00	404.34		17.00		-13.00%	PVC
0+55.00	400.44	60.00	10.00	30.00	-13.00%	PVI
0+85.00	398.34		30.00		-7.00%	PVT
1+10.00	396.59		25.00		-7.00%	PVC
1+40.00	394.49	60.00	12.00	30.00	-7.00%	PVI
1+70.00	393.89		30.00		-2.00%	PVT
1+78.00	393.73		8.00		-2.00%	PVC
2+28.00	392.73	100.00	27.78	50.00	-2.00%	PVI
2+33.56	393.17					PROFILE SAG
2+78.00	393.53		50.00		1.60%	PVT
3+00.00	393.88		22.00		1.60%	PVC
3+50.00	394.68	100.00	46.97	50.00	1.60%	PVI
4+00.00	396.55		50.00		3.73%	PVT
4+43.00	398.15		43.00		3.73%	PVC
4+84.34	398.92					PROFILE CREST
4+93.00	400.01	100.00	11.09	50.00	3.73%	PVI
5+43.00	397.37		50.00		-5.29%	PVT
5+90.00	394.88		47.00		-5.29%	PVC
6+40.00	392.24	100.00	43.63	50.00	-5.29%	PVI
6+90.00	390.74		50.00		-3.00%	PVT
8+50.00	385.94		160.00		-3.00%	PVC
8+90.00	385.34					PROFILE SAG
9+00.00	384.44	100.00	13.33	50.00	-3.00%	PVI
9+50.00	386.69		50.00		4.50%	PVT
10+00.00	388.94	100.00	12.82	50.00	4.50%	PVI
10+50.00	395.09		50.00		12.30%	PVT
11+00.00	401.24	100.00	10.20	50.00	12.30%	PVI
11+50.00	402.49		50.00		2.50%	PVT
12+10.68	404.00		60.68		2.50%	

Pad Report Driveway Lot 1
Volumes by Triangulation (Prisms) 11/05/2020 10:16
Original Surface: Z:\DATA\19054NAS\3D\EX DW.tin
Final Surface: Z:\DATA\19054NAS\3D\PRO DW1.tin

Area in Cut : 13,661.9 S.F., 0.31 Acres
Area in Fill: 13,115.8 S.F., 0.30 Acres
Area exactly in daylight: 0.2 S.F., 0.00 Acres
Average Cut Depth: 1.59 feet
Average Fill Depth: 1.68 feet
Total inclusion area: 26,777.9 S.F., 0.61 Acres

Cut to Fill ratio: 0.99
Cut (C.Y.) / Area (acres): 1308.88
Fill (C.Y.) / Area (acres): 1324.57
Cut volume: 21,724.5 C.F., 804.61 C.Y.
Fill volume: 21,985.0 C.F., 814.26 C.Y.

Pad Report Garage Excavation Lot 1 11/05/2020 23:13

Top of pad elevation: 403.5000
Cut slope percent grade: 10000.00, slope ratio: 0.01
Fill slope percent grade: 10000.00, slope ratio: 0.01
Existing Surface: Z:\DATA\19054NAS\3D\EX GARAGE.tin
Cut Swell Factor: 1.00
Fill Shrink Factor: 1.00

Pad EarthWork Volumes
Total cut : 2,362.6 C.F., 87.50 C.Y.
Total fill: 0.0 C.F., 0.00 C.Y.
Area: 701.6 Sq.Ft., 0.016 Acres

CERTIFIED TO:
I hereby certify to:
Marin Nason & Katrina Nason
The Town of Marlboro

SURVEYORS'S CERTIFICATION:
I hereby certify to the hereon listed parties that this map represents the results of an actual on the ground field topographic survey, per record description, of the land shown hereon, located at 89 Peach Lane in the Town of Marlborough, County of Ulster, State of New York. Completed on January 11, 2020 performed in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc., and is to the best of my knowledge, belief and information, accurate and correct.

Signature Date
Jonathan N. Millen, LLS
1229 Route 300 - Suite 4
Newburgh, NY 12550

0' 40' 80' 120' 160'
GRAPHIC SCALE: 1" = 40'

Jonathan N. Millen, L.L.S.
PROFESSIONAL LAND SURVEYOR N.Y. LIC. No. 050746
CERTIFIED TO BE CORRECT AND ACCURATE

STATE OF NEW YORK · JONATHAN N. MILLEN · 050746 · LICENSED LAND SURVEYOR

JONATHAN N. MILLEN, L.L.S.

Sheet 4 of 4

DATE	REVISION
11/05/2020	PROPOSED GRADING DRIVEWAY LOTS 1, ADD SILT FENCE

Minor Subdivision
of the lands of
Martin Nason & Katrina Nason

Automated Construction Enhanced Solutions, Inc.
Professional Land Surveying
1229 Route 300 - Suite 3 - Newburgh, NY 12550
Office: 845-943-7198 Field: 914-906-8830 Web: acessurveying.com

Prepared For Tax Map Parcel
95.4-3-13.2
aka 89 Peach Lane
situated in the
Town of Marlborough
County of Ulster, New York 12542

DATE: 11/0820 | SCALE: 1"=40' | JOB No. 19054NAS | DRAWN BY: jnm