

SOIL MOVING REPORT

PROPOSED DWELLING
8 STONE TOWER DRIVE
LOT 12, BLOCK 21
BOROUGH OF ALPINE
BERGEN COUNTY, NEW JERSEY
(FILE # 3972)

PREPARED ON:

February 7, 2022

PREPARED FOR:

OWNER

8 Stone Tower Drive Alpine, LLC
8 Stone Tower Drive, P.O. Box 751
Alpine, New Jersey 07020

APPLICANT

Rock Ridge Construction Management, LLC
64 North Summit Street, Suite 200
Tenafly, New Jersey 07670

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CONCLUSION:

The proposed dwelling at 8 Stone Tower Drive in the Borough of Alpine, Bergen County, New Jersey will result in a net export of soil during construction. Based on the current site plans and the attached cross sections, an estimated 1,782 cubic yards of soil materials will need to be exported from the project site.

Total Cut (CY)
4,042

Total Fill (CY)
2,260

Quantity of Soil to Be
Exported From Site (CY)
1,782

CUT	Cut (SF)	Average (SF)	Distance (FT)	Volume (CF)
0+00 S	0	0.00	67	0.00
0+67 N	0			
0+67 S	540	963.50	50	48,175.00
1+17 N	1,387			
1+17 S	1,035	1,087.50	17	18,487.50
1+34 N	1,140			
1+34 S	861	713.50	18	12,843.00
1+52 N	566			
1+52 S	286	143.00	40	5,720.00
1+92 N	0			
1+92 S	81	80.00	55	4,400.00
2+47 N	79			
2+47 S	0	0.00	25	0.00
2+72 N	0			
Total				89,625.50 ≈ 3,319 CY

CUT	
Cultec Chambers	
	9 Chambers
Bed Area	404.25 SF
Bed Depth	5.13 FT
Bed Volume	2,074 CF
	77 CY
Cut Volume	77 CY

Cut	
Proposed Detention System	
Footprint Area	= 2,907 SF
Depth	= 6.00 FT
Cut	= 17,442 CF
	= 646 CY

FILL	Fill (SF)	Average (SF)	Distance (FT)	Volume (CF)
0+00 S	0	216.50	67	14,505.50
0+67 N	433			
0+67 S	323	278.00	50	13,900.00
1+17 N	233			
1+17 S	292	277.00	17	4,709.00
1+34 N	262			
1+34 S	251	302.50	18	5,445.00
1+52 N	354			
1+52 S	480	349.50	40	13,980.00
1+92 N	219			
1+92 S	174	122.50	55	6,737.50
2+47 N	71			
2+47 S	118	69.50	25	1,737.50
2+72 N	21			
Total				61,014.50 ≈ 2,260 CY