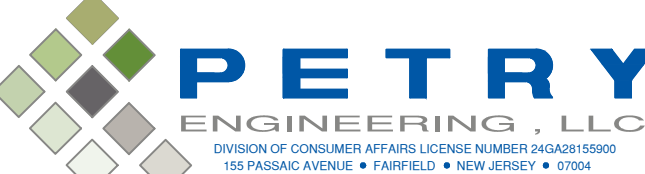


Effective Lot Area							
RANGE	COLOR	MIN. SLOPE % SLOPE	MAX. SLOPE % SLOPE	SF	AREA %	Adjustment Factor	Effective Lot Area
1		0%	10%	452,483	58%	1	452,483.0
2		10%	15%	35,157	4%	0.6	21,094.2
3		15%	20%	32,599	4%	0.4	13,039.6
4		20%	25%	35,715	5%	0.2	7,143.0
5		25%	99%	228,145	29%	0	-
				784,099			493,760



REVISION	DESCRIPTION	DATE	BY
PREPARED FOR DAUGHTERS OF ISRAEL, INC 1155 PLEASANT VALLEY WAY BLOCK 171 LOT 12 TOWNSHIP OF WEST ORANGE ESSEX COUNTY, NEW JERSEY			
SETTLEMENT PLAN STEEP SLOPES MAP			
 PETRY ENGINEERING, LLC 1000 HUNTER STREET • SUITE 200 • WEST ORANGE, NJ 07062 TEL: 973.267.7000 FAX: 973.267.7001			Designer: JMP Draftsman: JAF Checked By: JMP Project No.: 19-255
J. MICHAEL PETRY-PE, PP, RA NJ PROFESSIONAL ENGINEER LIC. NO. 36962			Scale: 1"=50' Sheet: SS-1

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STEEP SLOPE DISTURBANCE - PER PLAN DATED 01/26/2023										
RANGE	COLOR	MIN. SLOPE	MAX. SLOPE	AREA		AREA DISTURBED ALLOWABLE		AREA DISTURBED		Compliance
		% SLOPE	% SLOPE	SF	%	SF	%	SF	%	
1		0%	10%	452,483	58%	452,483	100%	2,886	0.6%	Yes
2		10%	15%	35,157	4%	21,094	60%	1,563	4.4%	Yes
3		15%	20%	32,599	4%	13,040	40%	1,196	3.7%	Yes
4		20%	25%	35,715	5%	7,143	20%	761	2.1%	Yes
5		25%	99%	228,145	29%		0%	4,664	2.0%	No
				784,099		493,760		11,070		

STEEP SLOPE DISTURBANCE - PROPOSED SETTLEMENT PLAN										
RANGE	COLOR	MIN. SLOPE	MAX. SLOPE	AREA		AREA DISTURBED ALLOWABLE		AREA DISTURBED		Compliance
		% SLOPE	% SLOPE	SF	%	SF	%	SF	%	
1	Green	0%	10%	452,483	58%	452,483	100%	1,655	0.4%	Yes
2		10%	15%	35,157	4%	21,094	60%	394	1.1%	Yes
3	Yellow	15%	20%	32,599	4%	13,040	40%	312	1.0%	Yes
4		20%	25%	35,715	5%	7,143	20%	184	0.5%	Yes
5	Red	25%	99%	228,145	29%		0%	318	0.1%	No
				784,099		493,760		2,863		

SITE DATA FOR STEEP SLOPES				
PLAN PER 10/26/2023	MIN. EFFECTIVE LOT AREA	40,000 SF	EXISTING	493,760 SF
	MAX. EFFECTIVE BUILDING COVERAGE	20%	EXISTING	26.15%
	MAX. EFFECTIVE IMPERVIOUS COVERAGE	30%	EXISTING	61.19%
PROPOSED SETTLEMENT PLAN	MIN. EFFECTIVE LOT AREA	40,000 SF	PROPOSED	493,760 SF
	MAX. EFFECTIVE BUILDING COVERAGE	20%	PROPOSED	26.15%
	MAX. EFFECTIVE IMPERVIOUS COVERAGE	30%	PROPOSED	61.19%

SITE DATA FOR STEEP SLOPES GREATER THAN 25%			
	CODE	EXISTING	PROPOSED
PLAN PER 01/26/2023	0.00%	N/A	2.00%
PROPOSED SETTLEMENT PLAN	0.00%	N/A	0.10%

REVISION

DESCRIPTION

DATE

BY

PREPARED FOR

DAUGHTERS OF ISRAEL, INC

1155 PLEASANT VALLEY WAY

BLOCK 171 LOT 12

TOWNSHIP OF WEST ORANGE

ESSEX COUNTY, NEW JERSEY

SETTLEMENT PLAN

STEEP SLOPES MAP

DESIGNER: JMP

DRAWN: JAF

CHECKED BY: JMP

PROJECT NO.: 19-255

SCALE: 1"=50'

SHEET:

J. MICHAEL PETRY-PE, PP, RA

N.J. PROFESSIONAL ENGINEER LIC. NO. 36962

DATED: 10/13/2023

SS-2

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