

140 WEST MAIN STREET HIGH BRIDGE, NJ 08829
 PH. 908-238-0544 FAX. 908-238-9572
 A PROFESSIONAL ASSOCIATION
 CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2022

NO.	BY	DATE

1/21/2021 DATE WAYNE J. INGRAM
 PROFESSIONAL ENGINEER & LAND SURVEYOR
 N.J.P.E. NO. 24GB04258200

1/21/2021 DATE CHRISTOPHER R. NUSSER
 PROFESSIONAL ENGINEER
 N.J.P.E. NO. 24GE04902500

PROJECT: 61 RACE STREET
 BLOCK 25 LOT 2
 UNION TOWNSHIP
 HUNTERDON COUNTY NEW JERSEY

NJDEP FHA MINOR MODIFICATION PLAN

JOB NO.:	0119411	DRAWING NO.:	1
SCALE:	1" = 40'		
DESIGNED:	MP		
CHECKED:	KFO		
FILENAME:	DEPPLAN.dwg		
DATE:	1/21/2021		

DESIGN FLOOD ELEVATION M&B TABLE

Line #/Curve #	Length	Line Bearing/Chord Bearing	Radius & Chord Length
C1	39.82	N61° 45' 11"E	R:59.72 L:39.08
L2	73.70	N89° 36' 56.13"E	
L3	64.35	S85° 15' 32.46"E	
L4	42.37	N87° 09' 25.18"E	
L5	5.62	S79° 41' 56.18"E	
L6	36.89	S83° 24' 57.89"E	R:166.45 L:85.88
C7	86.86	S70° 26' 59"E	
L8	79.64	S49° 19' 21.53"E	
L9	37.21	S66° 32' 06.73"E	
C10	87.34	N85° 45' 57"E	R:75.98 L:82.58
L11	18.25	N64° 19' 11.80"E	
L12	42.36	N76° 51' 22.84"E	
L13	56.73	N58° 50' 12.33"E	
L14	39.10	N60° 59' 44.73"E	
L15	20.57	N71° 20' 17.12"E	
C16	72.45	S61° 58' 46"E	R:41.29 L:63.51
L17	88.18	S18° 01' 22.00"E	

- NOTES:
- THIS PLAN REFERENCES A BOUNDARY AND TOPOGRAPHIC SURVEY ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY FOR 61 RACE STREET BLOCK 25 LOT 2 UNION TOWNSHIP, HUNTERDON COUNTY, NEW JERSEY", DATED 12/04/19.
 - THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF NJDEP APPROVAL.
 - THE OWNER SHALL OBTAIN ALL REQUIRED MUNICIPAL AND AGENCY PERMITS PRIOR TO ANY CONSTRUCTION ACTIVITIES.
 - APPLICANT SUBJECT TO MITIGATION OF RIPARIAN ZONE DISTURBANCE ASSOCIATED WITH THE DRIVEWAY RECONSTRUCTION AS NOTED 7:13-13.

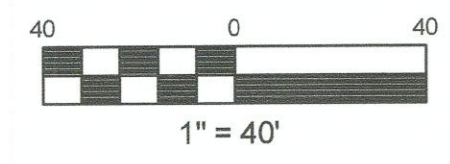
SUMMARY OF DISTURBANCES

PERMIT	LOCATION	MAX. ALLOWABLE DISTURBANCE	PROPOSED DISTURBANCE	APPROVED DISTURBANCE
PRIVATE DRIVEWAY SERVING 1 SFH/ RECONSTRUCTED NOT CROSSING WATER	RIPARIAN ZONE	3,000 SF	2,990 SF / 0.069 AC	2,977 SF / 0.068 AC
SINGLE-FAMILY HOME OR DUPLEX ADDITION	RIPARIAN ZONE	2,000 SF	1,995 SF / 0.046 AC	1,993 SF / 0.046 AC
FLOOD HAZARD AREA INDIVIDUAL PERMIT	RIPARIAN ZONE	5,000 SF	4,985 SF / 0.114 AC	4,970 SF / 0.114 AC

IMPERVIOUS COVER CALCULATIONS

ITEM	EXISTING COVERAGE (S.F.)	RATIO	PROPOSED COVERAGE (S.F.)	RATIO
DWELLING (WITH DECKS)	1,876	0.018	3,220	0.031
ASPHALT	625	0.006	949	0.009
CONCRETE	465	0.004	430	0.004
TOTAL	2,966	0.03	4,599	0.04

NOTE: MEASUREMENTS OF IMPERVIOUS COVERAGE DO NOT INCLUDE EXISTING OR PROPOSED COVERAGE WITHIN THE RIGHT OF WAY



LEGEND:

- LOT LINE
- PROPOSED FOOTPRINT OF DISTURBANCE
- DESIGN FLOOD ELEVATION
- 300' RIPARIAN ZONE LINE
- PHOTO LOCATION AND I.D.
- RIPARIAN ZONE DISTURBANCE - SINGLE FAMILY RESIDENTIAL DRIVEWAY
- RIPARIAN ZONE DISTURBANCE - SINGLE FAMILY RESIDENTIAL - ADDITION