

IRENE'S SPRING TREE FARM

NJDEP FLOOD HAZARD AREA PLAN

Exmoor Drive & Sutton Place
 LOTS 42.01, 42.02, 42.04 THRU 42.14 AND 42.16 ~ BLOCK 147
 TOWNSHIP OF MORRIS, MORRIS COUNTY, NEW JERSEY
 &
 LOT 2 ~ BLOCK 8
 BOROUGH OF BERNARDSVILLE, SOMERSET COUNTY, NEW JERSEY

**YANNACCONE
 VILLA
 & ALDRICH, LLC**
 Civil Engineers
 & Land Surveyors

460 MAIN STREET, P.O. BOX 459
 CHESTER, NEW JERSEY 07930
 PHONE: 908-879-6646
 FAX: 908-879-8591
 N.J. STATE BOARD FOR P.E. & P.L.S. CERTIFICATE
 OF AUTHORIZATION No. 24627934500

Candice J. Daws
CANDICE J. DAWS
 N.J. PROFESSIONAL ENGINEER
 NO. 24604527000 DATE 12/12/22

NOT VALID WITHOUT SIGNATURE AND RAISED SEAL.

NO.	DATE	REVISION
2	12/12/22	PER NJDEP EMAIL 12/08/22
1	09/19/22	PER NJDEP REV. 09/15/22

PROJECT TITLE:
**IRENE'S SPRING TREE FARM
 NJDEP PLANS**
 LOTS 42.01, 42.02, 42.04 THRU 42.14
 AND 42.16 IN BLOCK 147
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 MORRIS COUNTY, NEW JERSEY
 &
 LOT 2 IN BLOCK 8
 BOROUGH OF BERNARDSVILLE
 SOMERSET COUNTY, NEW JERSEY

SHEET TITLE:
**FLOOD HAZARD AREA
 PLAN -
 OVERALL AREA MAP**

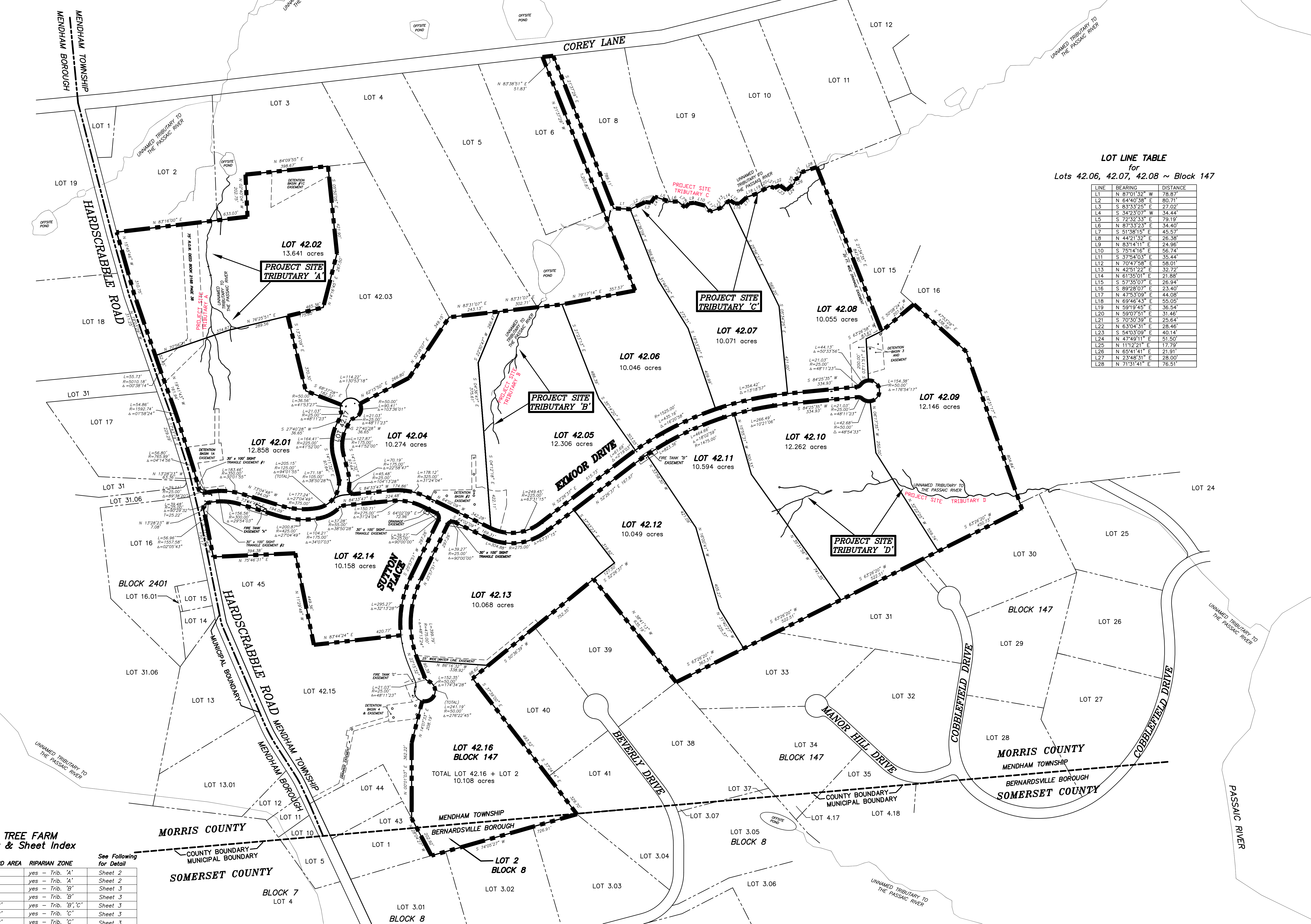
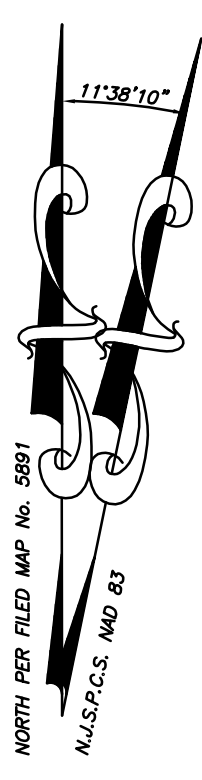
DRAWN BY: *JWC* DATE: AUGUST 10, 2022

CHECKED BY: *CJA* SCALE: 1" = 200'

W.D. 222040 F.B.

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SHEET 1 of 5



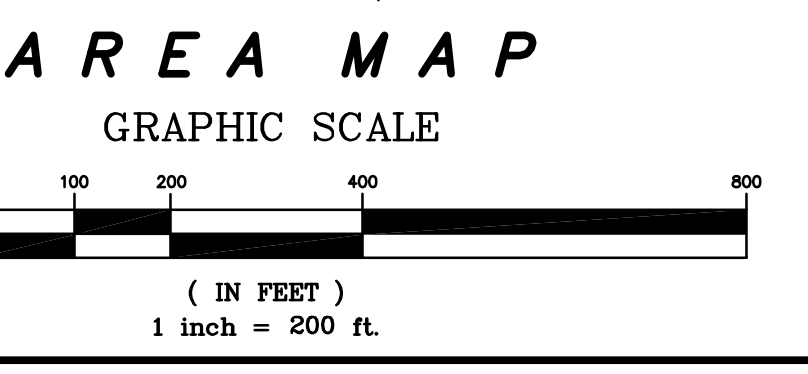
LOT LINE TABLE for Lots 42.06, 42.07, 42.08 ~ Block 147

LINE	BEARING	DISTANCE
L1	N 87°01'32" W	76.87'
L2	N 64°03'38" E	80.71'
L3	S 83°33'25" E	27.02'
L4	S 34°23'07" W	34.44'
L5	S 72°32'53" E	79.19'
L6	N 87°33'23" E	34.40'
L7	S 51°38'15" E	45.57'
L8	N 44°21'53" E	28.35'
L9	N 83°44'11" E	24.96'
L10	S 75°42'18" E	56.74'
L11	S 37°44'03" E	55.44'
L12	N 70°47'58" E	58.01'
L13	N 42°51'22" E	32.72'
L14	N 61°35'01" E	21.88'
L15	S 57°35'07" E	26.94'
L16	S 89°28'07" E	23.40'
L17	N 47°53'00" E	44.05'
L18	N 69°46'43" E	55.05'
L19	S 59°19'45" E	36.54'
L20	N 59°07'51" E	31.48'
L21	S 70°30'39" E	25.64'
L22	N 63°04'31" E	28.46'
L23	S 54°03'09" E	40.14'
L24	N 47°49'11" E	51.50'
L25	N 11°22'21" E	17.79'
L26	N 65°41'41" E	21.91'
L27	N 23°48'31" E	28.00'
L28	N 71°31'41" E	76.51'

IRENE'S SPRING TREE FARM Project Site: Inventory & Sheet Index

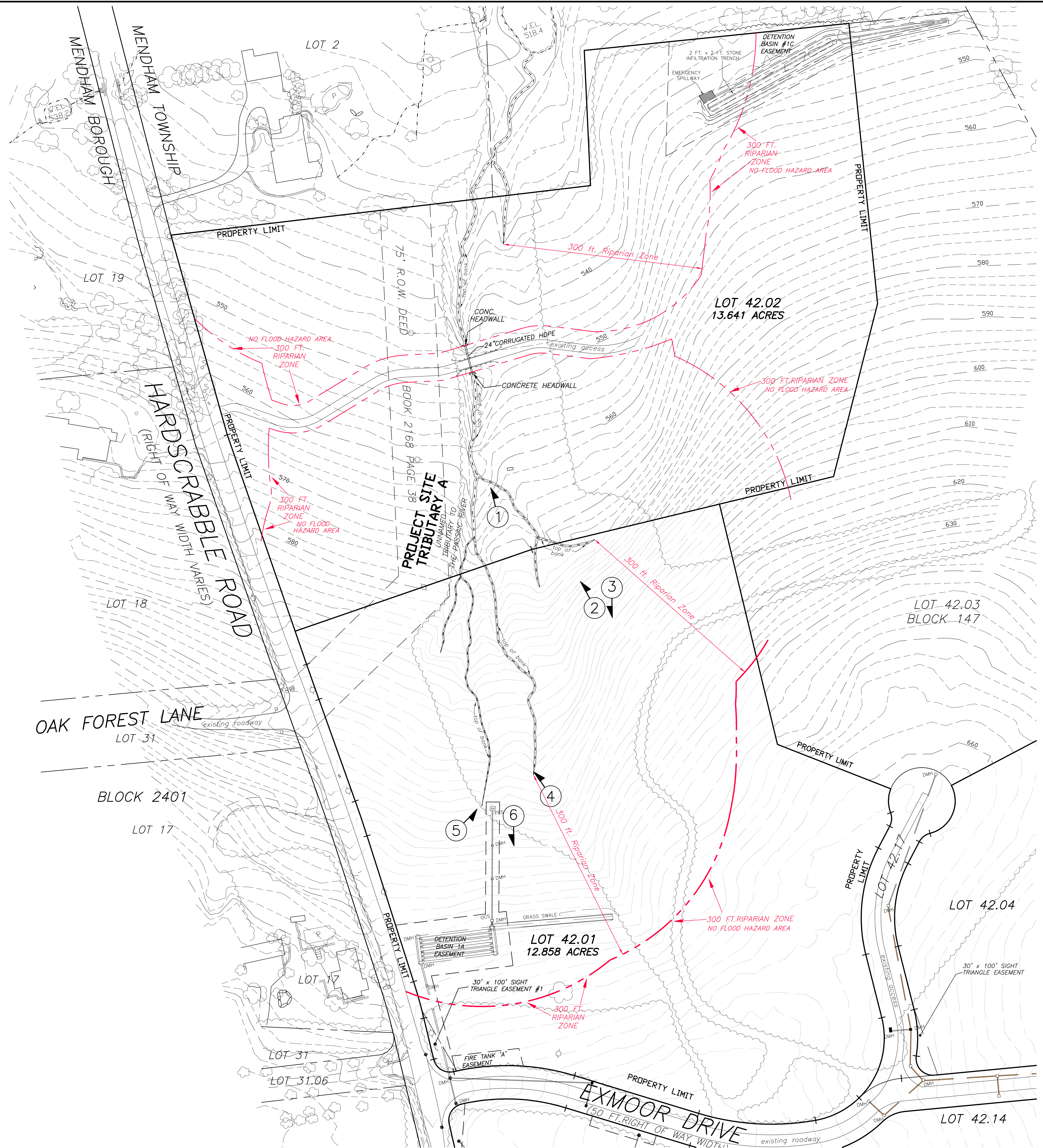
LOT NO.	LOT AREA	FLOOD HAZARD AREA	RIPARIAN ZONE	See Following for Detail
42.01	12.858	none	yes - Trib. 'A'	Sheet 2
42.02	13.641	none	yes - Trib. 'A'	Sheet 2
42.04	10.274	none	yes - Trib. 'B'	Sheet 3
42.05	12.306	none	yes - Trib. 'B'	Sheet 3
42.06	10.046	yes - Trib. 'C'	yes - Trib. 'B', 'C'	Sheet 3
42.07	10.071	yes - Trib. 'C'	yes - Trib. 'C'	Sheet 3
42.08	10.055	yes - Trib. 'C'	yes - Trib. 'C'	Sheet 3
42.09	12.146	yes - Trib. 'D'	yes - Trib. 'D'	Sheet 4
42.10	12.262	none	yes - Trib. 'D'	Sheet 4
42.11	10.594	none	yes - Trib. 'D'	Sheet 4
42.12	10.049	none	none	Sheet 5
42.13	10.068	none	none	Sheet 5
42.14	10.158	none	none	Sheet 5
42.16	10.108	none	none	Sheet 5

total area : 154.636 acres



AREA MAP NOTES:

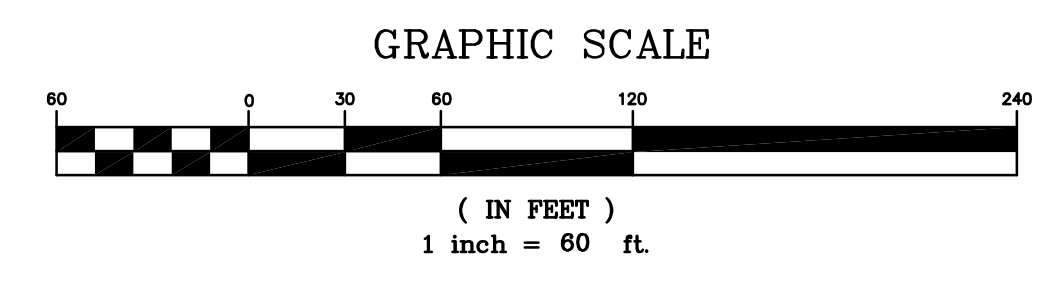
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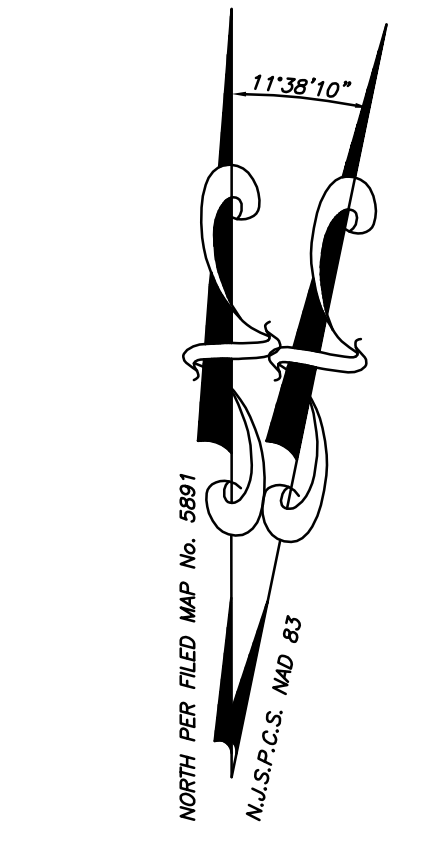
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- TOPOGRAPHY AND EXISTING FEATURES AS SHOWN TAKEN FROM NJ01T-00S NW2018 LIDAR DATASET DATASET, AND FIELD VERIFIED BY THIS FIRM IN 2022. VERTICAL DATUM: NAVD 1988.
- VERTICAL DATUM CONVERSION: elev.ft. [NGVD 29] = elev.ft. [NGVD 88] + 0.827 ft.
- UNNAMED, UNSTUDIED TRIBUTARIES TO THE PASSAIC RIVER TRAVERSE THE PROJECT SITE. THESE WATERS ARE CLASSIFIED BY NJDEP AS FW2-TP (CATEGORY 1).
- NJDEP REQUIRED NOTE:
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- EXISTING UNDERGROUND UTILITY INFORMATION SHOWN HEREON IS APPROXIMATE AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PRIOR TO BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CONTACT ONE CALL SERVICE AT 1-800-272-1000 AND OTHER LOCAL UTILITY COMPANIES AS REQUIRED FOR MARKOUT PRIOR TO ANY EXCAVATION. WHERE EXISTING UNDERGROUND UTILITIES ARE ANTICIPATED TO BE CROSSED BY ANY CONSTRUCTION, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION TO ASCERTAIN EXISTING LOCATIONS, ELEVATIONS, MATERIALS AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS.
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denotes PHOTOGRAPH LOCATION AND DIRECTION



NJDEP FHA CERTIFICATION:
 I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING AND PREPARING THE INFORMATION, I BELIEVE THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR KNOWINGLY SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT."

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SHEET TITLE:
**FLOOD HAZARD AREA
 TRIBUTARY A -
 Lots 42.01 & 42.02**

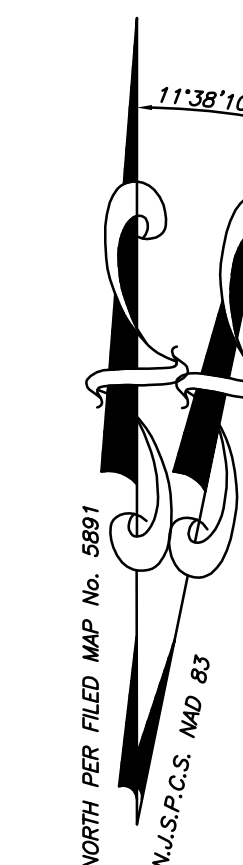
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 CHECKED BY: **GEY** SCALE: **1"=60'**

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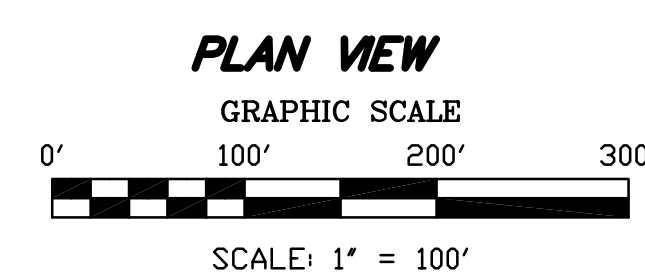
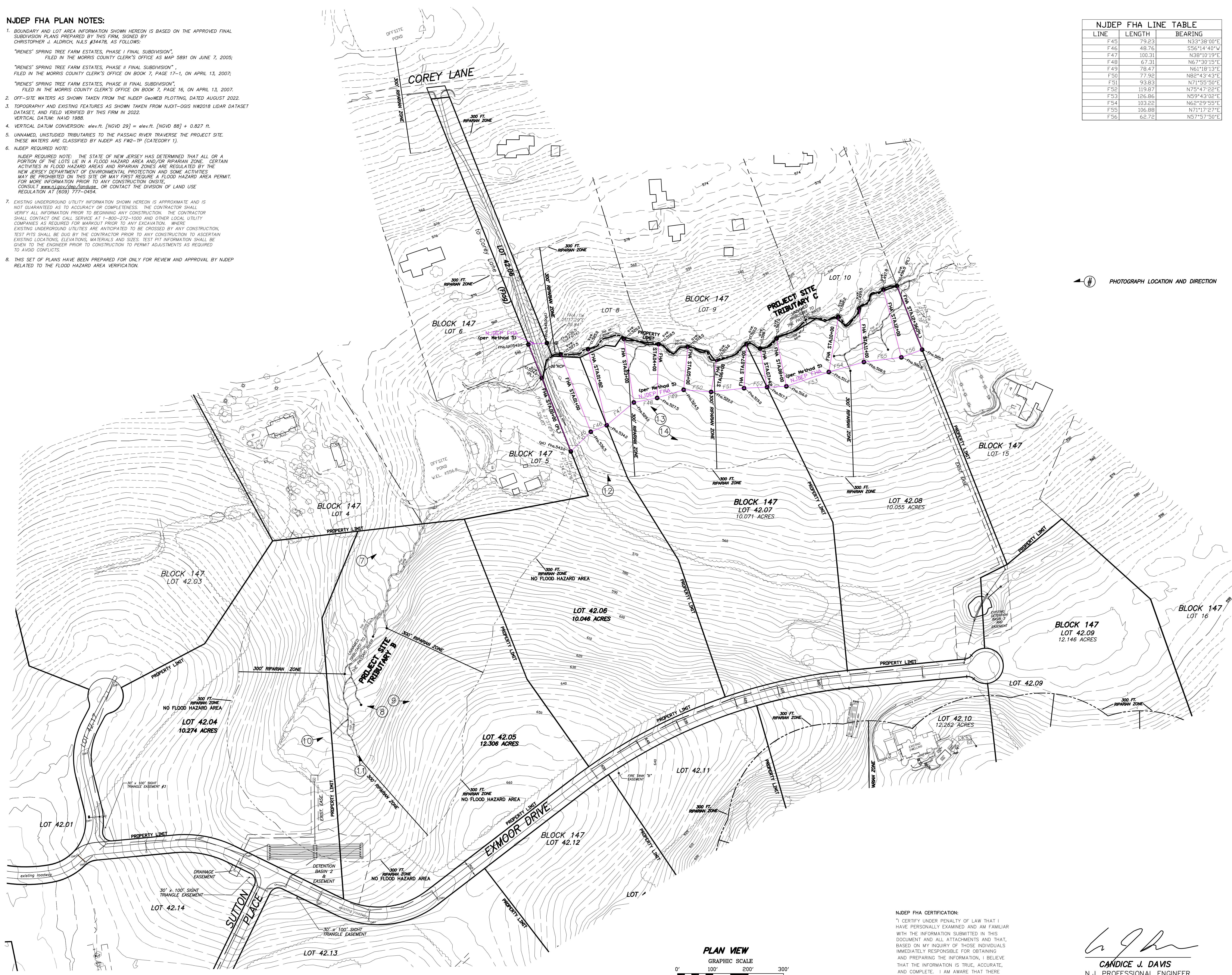
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LINE	LENGTH	BEARING
F45	79.23	N33°38'00"E
F46	48.76	S36°14'00"W
F47	100.31	N38°10'19"E
F48	67.31	N67°30'15"E
F49	78.47	N61°18'13"E
F50	77.92	N82°43'43"E
F51	93.83	N71°55'50"E
F52	119.87	N75°47'22"E
F53	126.86	N59°43'02"E
F54	103.22	N62°29'55"E
F55	106.88	N71°17'27"E
F56	62.72	N57°57'50"E



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 SOMERSET COUNTY, NEW JERSEY

SHEET TITLE:
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 TRIBUTARY B & C -
 Lots 42.04, 42.05, 42.06,
 42.07 & 42.08**

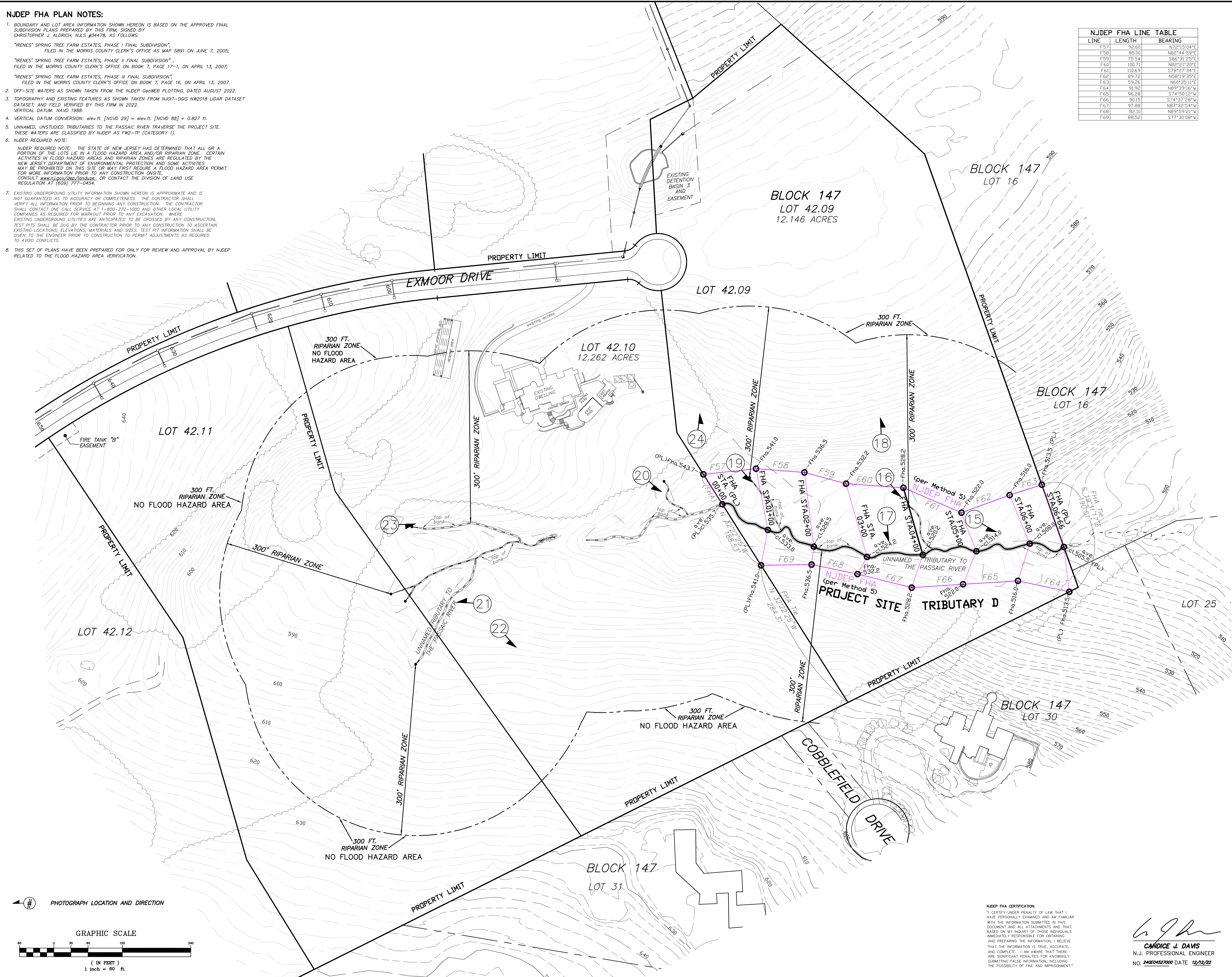
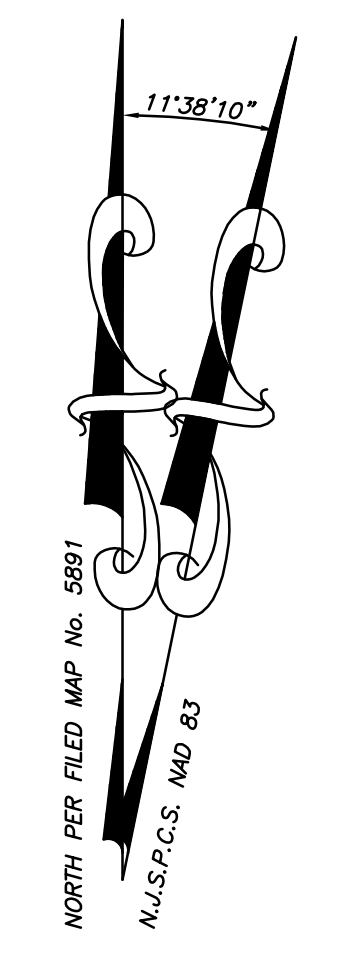
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F58	85.00	N82°44'59"E
F59	75.54	S86°31'25"E
F60	100.71	N82°27'20"E
F61	110.69	S78°27'34"E
F62	89.72	N58°19'35"E
F63	59.26	N60°35'11"E
F64	91.92	N89°39'16"W
F65	96.28	S74°50'12"W
F66	90.15	S74°33'28"W
F67	97.88	N87°32'54"W
F68	82.10	N89°59'21"W
F69	88.52	S77°30'08"W



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SHEET TITLE:
**FLOOD HAZARD AREA
 TRIBUTARY D -
 LOTS 42.09, 42.10 & 42.11**

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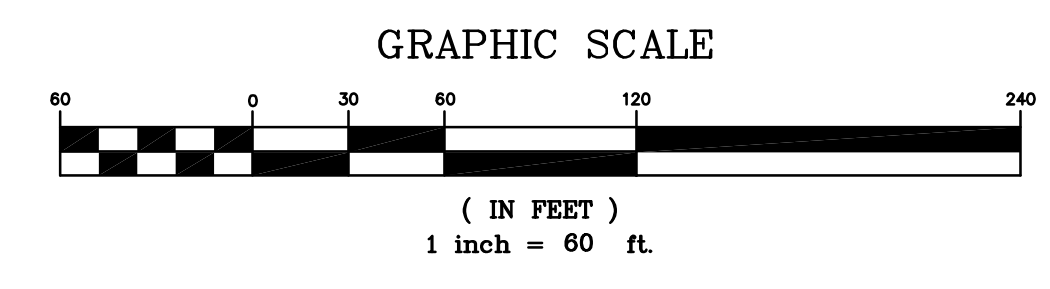
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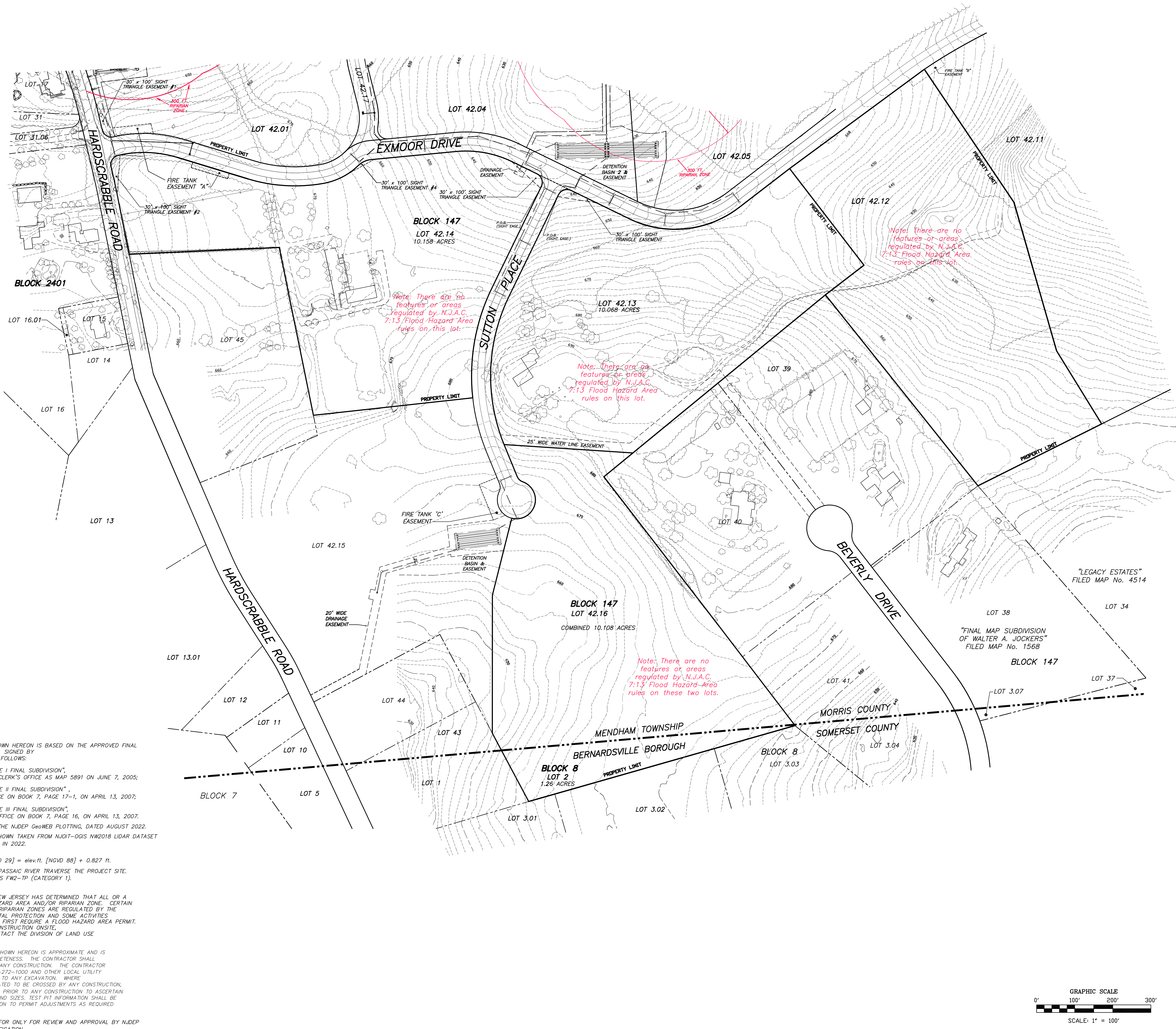
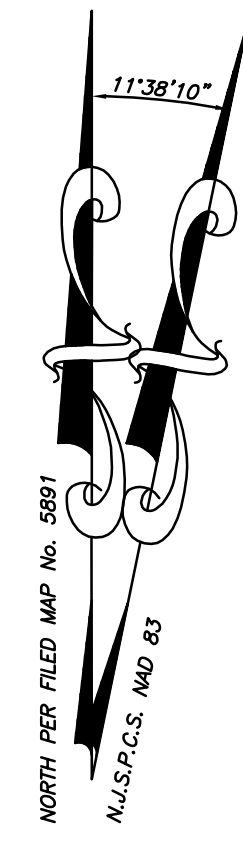
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 FILE NAME: 222040-NJDEP-IND-REV2.DWG

NJDEP FHA CERTIFICATION:
 "I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING AND PREPARING THE INFORMATION, I BELIEVE THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR KNOWINGLY SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT."

Candice J. Daws
CANDICE J. DAWS
 N.J. PROFESSIONAL ENGINEER
 NO. 240E04527000 DATE 12/12/22

PHOTOGRAPH LOCATION AND DIRECTION





- NJDEP FHA PLAN NOTES:**
- BOUNDARY AND LOT AREA INFORMATION SHOWN HEREON IS BASED ON THE APPROVED FINAL SUBDIVISION PLANS PREPARED BY THIS FIRM, SIGNED BY CHRISTOPHER J. ALDRICH, N.J.S. #34478, AS FOLLOWS:
 "IRENE'S SPRING TREE FARM ESTATES, PHASE I FINAL SUBDIVISION", FILED IN THE MORRIS COUNTY CLERK'S OFFICE AS MAP 5891 ON JUNE 7, 2005;
 "IRENE'S SPRING TREE FARM ESTATES, PHASE II FINAL SUBDIVISION", FILED IN THE MORRIS COUNTY CLERK'S OFFICE ON BOOK 7, PAGE 17-1, ON APRIL 13, 2007;
 "IRENE'S SPRING TREE FARM ESTATES, PHASE III FINAL SUBDIVISION", FILED IN THE MORRIS COUNTY CLERK'S OFFICE ON BOOK 7, PAGE 16, ON APRIL 13, 2007.
 - OFF-SITE WATERS AS SHOWN TAKEN FROM THE NJDEP GeoWEB PLOTTING, DATED AUGUST 2022.
 - TOPOGRAPHY AND EXISTING FEATURES AS SHOWN TAKEN FROM NJOIT-DGIS NW2018 LIDAR DATASET DATASET, AND FIELD VERIFIED BY THIS FIRM IN 2022. VERTICAL DATUM: NAVD 1988.
 - VERTICAL DATUM CONVERSION: elev.ft. [NGVD 29] = elev.ft. [NGVD 88] + 0.827 ft.
 - UNNAMED, UNSTUDIED TRIBUTARIES TO THE PASSAIC RIVER TRAVERSE THE PROJECT SITE. THESE WATERS ARE CLASSIFIED BY NJDEP AS FW2-TP (CATEGORY 1).
 - NJDEP REQUIRED NOTE:
 NJDEP REQUIRED NOTE: THE STATE OF NEW JERSEY HAS DETERMINED THAT ALL OR A PORTION OF THE LOTS LIE IN A FLOOD HAZARD AREA AND/OR RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A FLOOD HAZARD AREA PERMIT. FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE, CONSULT www.nj.gov/dep/landuse OR CONTACT THE DIVISION OF LAND USE REGULATION AT (609) 777-0454.
 - EXISTING UNDERGROUND UTILITY INFORMATION SHOWN HEREON IS APPROXIMATE AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PRIOR TO BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CONTACT ONE CALL SERVICE AT 1-800-272-1000 AND OTHER LOCAL UTILITY COMPANIES AS REQUIRED FOR MARKOUT PRIOR TO ANY EXCAVATION. WHERE EXISTING UNDERGROUND UTILITIES ARE ANTICIPATED TO BE CROSSED BY ANY CONSTRUCTION, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION TO ASCERTAIN EXISTING LOCATIONS, ELEVATIONS, MATERIALS AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS.
 - THIS SET OF PLANS HAVE BEEN PREPARED FOR ONLY FOR REVIEW AND APPROVAL BY NJDEP RELATED TO THE FLOOD HAZARD AREA VERIFICATION.

Note: There are no features or areas regulated by N.J.A.C. 7:13 Flood Hazard Area rules on this lot.

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Note: There are no features or areas regulated by N.J.A.C. 7:13 Flood Hazard Area rules on these two lots.



**YANNACCONI,
VILLA
& ALDRICH, LLC**
 480 MAIN STREET, P.O. BOX 459
 CHESTER, NEW JERSEY 07930
 PHONE: 908-879-6646
 FAX: 908-879-8591
 N.J. STATE BOARD OF P.E. & L.S.
 CERTIFICATE OF AUTHORIZATION
 NO. 240427934500

Candice J. Daws
CANDICE J. DAWS
 N.J. PROFESSIONAL ENGINEER
 NO. 240E04527000 DATE 12/12/22

NOT VALID WITHOUT SIGNATURE AND RAISED SEAL

2	12/12/22	PER NJDEP EMAIL 12/08/22
1	09/19/22	REISSUE
NO.	DATE	REVISION

PROJECT TITLE:
**IRENE'S SPRING TREE FARM
NJDEP PLANS**
 LOTS 42.01, 42.02, 42.04 THRU 42.14
 AND 42.16 IN BLOCK 147
 TOWNSHIP OF MENDHAM
 MORRIS COUNTY, NEW JERSEY
 &
 LOT 2 IN BLOCK 8
 BOROUGH OF BERNARDSVILLE
 SOMERSET COUNTY, NEW JERSEY

SHEET TITLE:
**FLOOD HAZARD AREA
PLAN - Lots 42.12, 42.13,
Lots 42.14, 42.16 ~ Block 147
& Lot 2 ~ Block 8**

DRAWN BY: **JW/CJD** DATE: **AUGUST 10, 2022**

CHECKED BY: **GEY** SCALE: **1"=100'**

W.O. **222040**

F.B. _____

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