

# BENDING BROOK RESIDENTIAL DEVELOPMENT TAX MAP 239 LOTS 35 MALLEGO ROAD

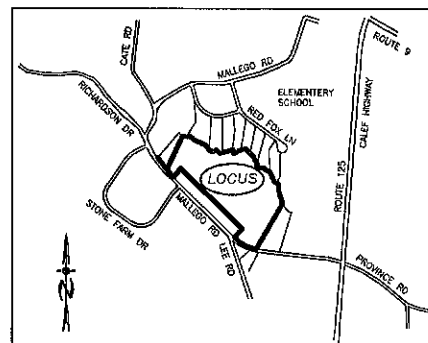
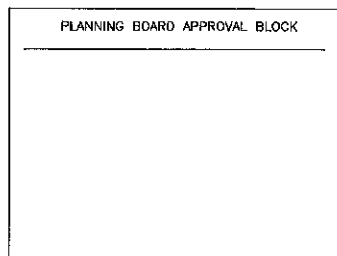
RECEIVED  
JAN 18 2023  
LAND USE DIV.

**RECORD OWNERS:**

TAX MAP 239 LOT 35  
PAUL GUPTILL  
PO BOX 587  
BARRINGTON, NH 03825

**APPLICANT:**

JOSEPH FALZONE  
7B EMERY LANE  
STRATHAM, N.H. 03885



LOCATION MAP  
1"=1500'

**INDEX**

TITLE SHEET	
SUBDIVISION PLANS	1-5
EXISTING CONDITIONS PLANS	6-10
YIELD PLAN	11
OVERALL SITE PLAN	12
SITE PLANS	13-14
PLAN & PROFILE	15-18
ROADWAY ACCESS PLAN	19
CONSTRUCTION DETAIL PLANS	20
FIRE CISTERN DETAILS	21
EROSION & SEDIMENT CONTROL DETAILS	22
ROAD CROSS SECTIONS	23-24

**REQUIRED PERMITS**

NHDES SUBDIVISION APPROVAL NUMBER: SA 2022  
NHDES ALTERATION OF TERRAIN NUMBER:  
NPDES APPROVAL NUMBER:

**PLAN SET LEGEND**

UTILITY POLE		OVERHEAD ELEC. LINE	
DRAIN MANHOLE		UNDERGROUND ELEC. LINE	
EXISTING CATCH BASIN		DRAINAGE LINE	
EXIST. SPOT GRADE		STONE WALL	
SINGLE POST SIGN		TREE LINE	
TEST PIT		ABUT. PROPERTY LINES	
300+ GAL. FIRE CISTERN		EXIST. PROPERTY LINES	
4000 SF SEPTIC RESERVE AREA		PROP. PROPERTY LINES	
PROP. WELL W/ 75' PROTECTIVE RAD.		BUILDING SETBACK LINES	
		EXIST. CONTOUR	
		PROP. CONTOUR	
		SOIL LINES	
		SILT FENCE OR EROSION CONTROL BERM	

**WETLAND/SOIL CONSULTANT:**



**GZA GeoEnvironmental, Inc.**  
**Engineers and Scientists**  
5 COMMERCE PARK NORTH  
SUITE 201  
BEDFORD, NH 03110-6984  
603-623-3600



**CIVIL ENGINEERS:**



70 PORTSMOUTH AVE,  
THIRD FLOOR, SUITE 2  
STRATHAM, N.H. 03885  
PHONE: 603-583-4860,  
FAX: 603-583-4863



**LAND SURVEYORS:**



**DOUCET SURVEYING**  
Serving Your Professional Surveying & Mapping Needs  
102 Kent Place, Newmarket, NH 03857-0163  
Voice (603) 659-6550, Data (603) 659-4118



REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:
<b>COVER SHEET</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGO ROAD BARRINGTON, NH	
PROJ. NO:	NH-1443
DATE:	NOV 2022

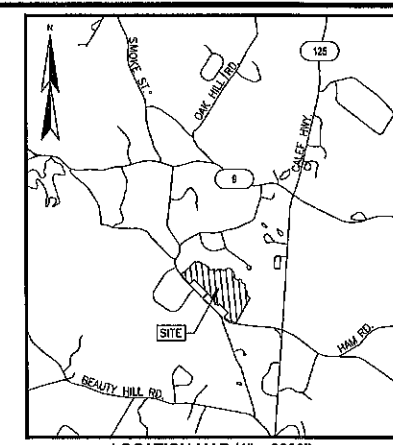
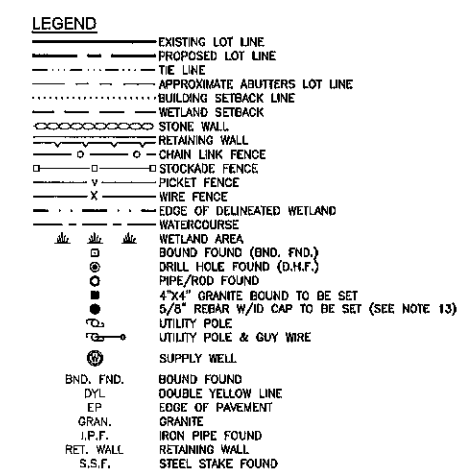
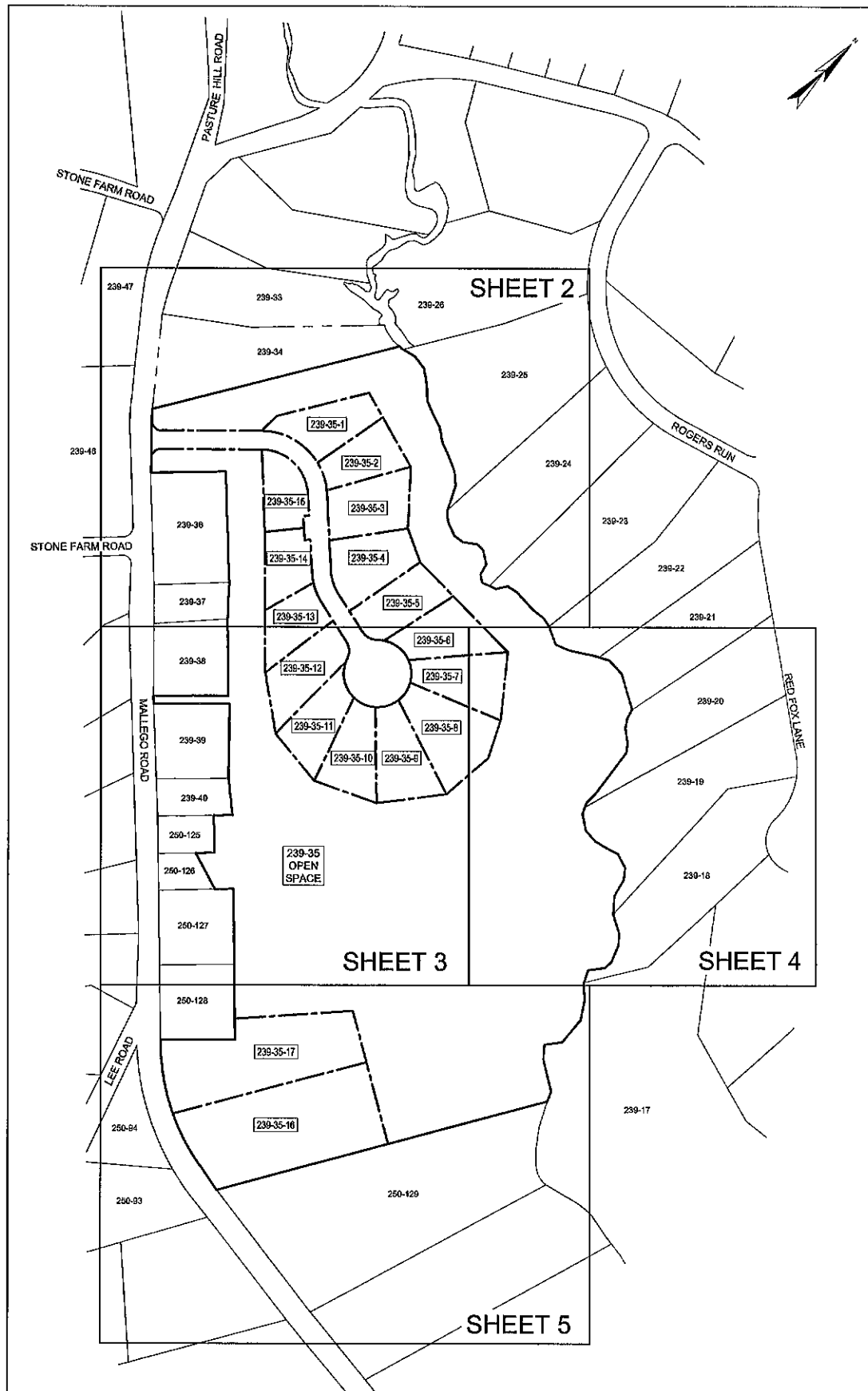
NH-1443 BARRINGTON MALLEGO RD ISSUED 11-16-22

**NOTES:**

- REFERENCE: TAX MAP 239, LOT 35  
MALLEGRO ROAD  
BARRINGTON, NEW HAMPSHIRE
  - TOTAL PARCEL AREA: 1,881,190± SQ. FT. OR 43.3± AC.
  - OWNER OF RECORD: PAUL GUPTILL  
PO BOX 587  
BARRINGTON, NH 03852  
S.C.R.D. BOOK 2070, PAGE 206
  - ZONE: VILLAGE DISTRICT  
STRATIFIED DRIFT AQUIFER OVERLAY  
WETLAND PROTECTION DISTRICT OVERLAY
- DIMENSIONAL REQUIREMENTS:**
- |                        | CONSERVATION SUBDIVISION           |
|------------------------|------------------------------------|
| MIN. LOT AREA          | 80,000 sq.ft.                      |
| MIN. FRONTAGE          | 20,000 sq.ft.                      |
| LOT WIDTH              | 75 ft. (AT FRONT BUILDING SETBACK) |
| MIN. FRONT SETBACK     | 40 ft.                             |
| MIN. SIDE/REAR SETBACK | 30 ft.                             |
| MAX. BUILDING HEIGHT   | 35 ft.                             |
| MAX. LOT COVERAGE      | 40 %                               |
| WETLAND SETBACKS       | 50 ft.                             |
- ZONING INFORMATION LISTED HEREON IS BASED ON THE TOWN OF BARRINGTON ZONING ORDINANCE DATED MARCH 8, 2022 AS AVAILABLE ON THE TOWN WEBSITE ON OCTOBER 7, 2022. ADDITIONAL REGULATIONS APPLY, AND REFERENCE IS HEREBY MADE TO THE EFFECTIVE ZONING ORDINANCE. THE LAND OWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE MUNICIPAL, STATE AND FEDERAL REGULATIONS.
- FIELD SURVEY PERFORMED BY J.M.L. & D.D.L. (DOUCET SURVEY) DURING JUNE THROUGH AUGUST 2022 USING A TRIMBLE S8 TOTAL STATION AND A TRIMBLE R12 SURVEY GRADE GPS WITH A TRIMBLE TSC3 DATA COLLECTOR AND A SOKKIA 621 AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
  - HORIZONTAL DATUM BASED ON NAD83(2011) NEW HAMPSHIRE STATE PLANE COORDINATE ZONE (2800) DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
  - JURISDICTIONAL WETLANDS DELINEATED BY GZA, DURING JUNE 2022 IN ACCORDANCE TO THE U.S. ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 (JANUARY, 1987).  
• REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION (2012).  
• NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHEAST (REGION 1), U.S. FISH AND WILDLIFE SERVICE (2013).  
• CODE OF ADMINISTRATIVE RULES, WETLANDS BOARD, STATE OF NEW HAMPSHIRE (CURRENT).  
• FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 8.0, 2016 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4, NEHSTC (MAY 2017).
  - FLOOD HAZARD ZONE: "X", PER FIRM MAP #3301C02850, DATED 5/17/05.
  - THE INTENT OF THIS PLAN IS TO SHOW THE LOCATION OF BOUNDARIES IN ACCORDANCE WITH AND IN RELATION TO THE CURRENT LEGAL DESCRIPTION, AND IS NOT AN ATTEMPT TO DEFINE UNWRITTEN RIGHTS, DETERMINE THE EXTENT OF OWNERSHIP, OR DEFINE THE LIMITS OF TITLE.
  - DUE TO THE COMPLEXITY OF RESEARCHING ROAD RECORDS AS A RESULT OF INCOMPLETE, UNORGANIZED, INCONCLUSIVE, OBLITERATED, OR LOST DOCUMENTS, THERE IS AN INHERENT UNCERTAINTY INVOLVED WHEN ATTEMPTING TO DETERMINE THE LOCATION AND WIDTH OF A ROADWAY RIGHT OF WAY. THE EXTENT OF THE ROAD AS DEPICTED HEREON IS BASED ON RESEARCH CONDUCTED AT THE S.C.R.D. AND BARRINGTON TOWN OFFICES.
  - WATER BOUNDARIES ARE DYNAMIC IN NATURE AND ARE SUBJECT TO CHANGE DUE TO NATURAL CAUSES SUCH AS EROSION OR ACCRETION.
  - PER TOWN OF BARRINGTON SUBDIVISION REGULATIONS SECTION 8.8, 5/8" CAPPED REBAR ARE PROPOSED TO BE SET ALONG LOT LINE SEGMENTS GREATER THAN 300'. PROPOSED LINE MONUMENTS ARE SHOWN HEREON AT THE MIDPOINTS OF SAID LINES AND SHOWN FOR REFERENCE ONLY. THE FINAL LOCATIONS SHALL BE DETERMINED BY SITE CONDITIONS.

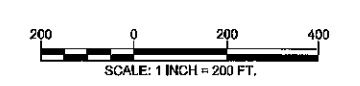
**REFERENCE PLANS:**

- "SUBDIVISION OF LAND OF THE CALEF FAMILY LAND BARRINGTON, N.H." DATED NOVEMBER 7, 1985 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 29-3.
- "SUBDIVISION PLAN FOR CALEF INC. BARRINGTON, N.H." DATED FEBRUARY 6, 1988 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 29-70.
- "SUBDIVISION PLAN" DATED JUNE 8, 1988 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 34-100.
- "LAND OF LATHAM NICHOLS PROVINCE ROAD BARRINGTON, N.H." DATED APRIL 19, 1996 BY BERRY SURVEYING & ENGINEERING. S.C.R.D. PLAN 49-33.
- "PROPOSED BOUNDARY LINE REVISION LAND OF MADELYN SWENSON & LATHAM NICHOLS PROVINCE ROAD BARRINGTON, N.H." DATED MAY 19, 1997 BY BERRY SURVEYING & ENGINEERING. S.C.R.D. PLAN 50-15.
- "SUBDIVISION PLAN PREPARED FOR R.L.C. HOLDINGS, INC. AND ANDREA E. ROWELL OF MAP 11, LOT 4-2B AND LOT 89 MALLEGRO ROAD COUNTY OF STRAFFORD BARRINGTON, N.H." DATED AUGUST 20, 1998 BY DAVID W. VINCENT L.L.S. LAND SURVEYING SERVICES. S.C.R.D. PLAN 66-52.
- "STONE FARM SUBDIVISION FOR CARLISLE REALTY, L.L.C. PROVINCE ROAD BARRINGTON, N.H." BY DOUCET SURVEY INC. DATED OCTOBER 16, 1999. S.C.R.D. PLAN 60-72.
- "SUBDIVISION PLAN PREPARED FOR R.L.C. HOLDINGS, INC. OF 'CALEF WOODS' MALLEGRO ROAD COUNTY OF STRAFFORD BARRINGTON, N.H." DATED FEBRUARY 14, 2000 BY DAVID W. VINCENT L.L.S. LAND SURVEYING SERVICES. S.C.R.D. PLAN 65-13.
- "LOT LINE ADJUSTMENT PLAN PREPARED FOR ROSE REALTY TRUST, CARLISLE REALTY LLC, ROSE REALTY LLC AND PAUL GUPTILL OF 'CALEF WOODS' MALLEGRO ROAD COUNTY OF STRAFFORD BARRINGTON, N.H." DATED AUGUST 1, 2002 BY DAVID W. VINCENT L.L.S. LAND SURVEYING SERVICES. S.C.R.D. PLAN 67-7.
- "SITE PLAN PROVINCE ROAD & N.H. ROUTE 125 BARRINGTON, N.H. FOR ORCHARD AUTO SALES" DATED NOVEMBER, 1999, BY NORWAY PLAINS ASSOCIATES, INC. S.C.R.D. 58-32
- "SUBDIVISION PLAN DOUGLAS M. & PATRICIA A. CALL BARRINGTON, NEW HAMPSHIRE STRAFFORD COUNTY" DATED APRIL 1999 BY ORVIS/DREW LLC. S.C.R.D. 53-39



APPROVED DATE \_\_\_\_\_  
BARRINGTON, NH  
PLANNING BOARD

THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



**JAN 18 2023**

**SUBDIVISION PLAN  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGRO ROAD  
BARRINGTON, NEW HAMPSHIRE**

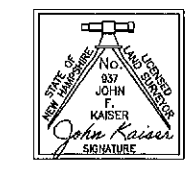
NO.	DATE	REVISION PER REVIEW #1	DESCRIPTION	M.T.L. BY
1	01/17/23			

DRAWN BY: M.T.L. & P.C.L.	DATE: NOVEMBER 15, 2022
CHECKED BY: J.F.K.	DRAWING NO. 7470B
JOB NO. 7470	SHEET 1

I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. RANDOM TRAVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:10,000.

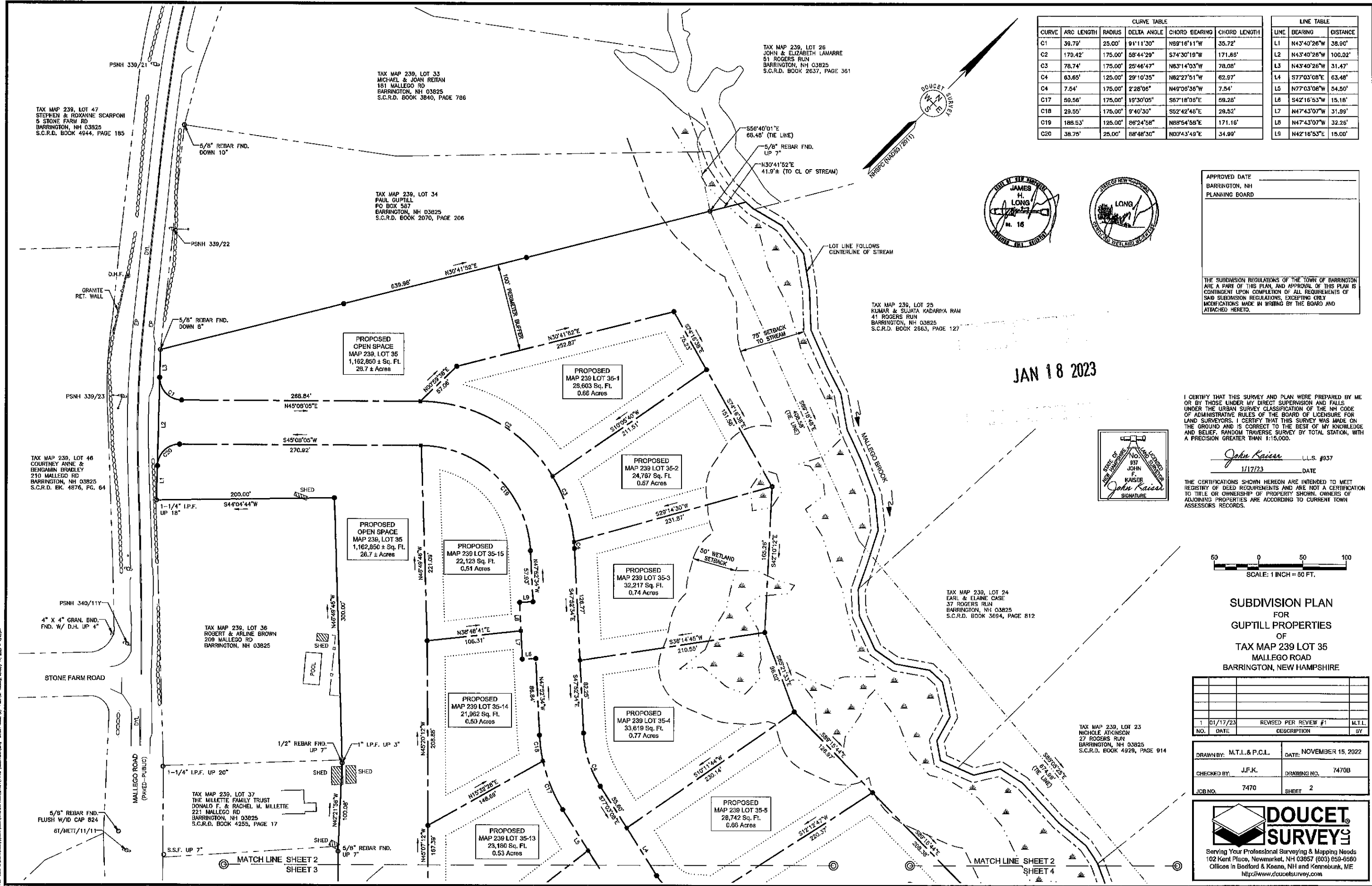
*John Kaiser* L.L.S. #937  
1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.



**DOUCET SURVEY**

Serving Your Professional Surveying & Mapping Needs  
102 Kent Place, Newmarket, NH 03857 (603) 659-6500  
Offices in Bedford & Keene, NH and Kennebunk, ME  
http://www.doucetsurvey.com



CURVE TABLE						LINE TABLE		
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH	LINE	BEARING	DISTANCE
C1	39.79'	25.00'	91°11'30"	N89°16'11"W	35.72'	L1	N43°40'26"W	38.90'
C2	179.42'	175.00'	58°44'29"	S74°30'19"W	171.65'	L2	N43°40'26"W	100.02'
C3	78.74'	175.00'	25°46'47"	N63°14'03"W	78.08'	L3	N43°40'26"W	31.47'
C4	63.65'	125.00'	29°10'35"	N82°27'51"W	62.97'	L4	S77°03'08"E	63.48'
C4	7.54'	175.00'	2°28'06"	N49°09'36"W	7.54'	L5	N77°03'08"E	54.50'
C17	59.56'	175.00'	19°30'05"	S67°16'09"E	59.28'	L6	S42°16'53"W	15.18'
C18	29.55'	175.00'	9°40'30"	S52°42'48"E	29.52'	L7	N47°43'07"W	31.99'
C19	188.53'	125.00'	86°24'58"	N88°54'58"E	171.16'	L8	N47°43'07"W	32.25'
C20	38.75'	25.00'	88°48'30"	N00°43'49"E	34.99'	L9	N42°16'53"E	15.00'



APPROVED DATE  
BARRINGTON, NH  
PLANNING BOARD

THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

JAN 18 2023

I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, RANDOM TRAVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:15,000.

*John Kaiser*  
SIGNATURE

John Kaiser L.L.S. #937  
1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.



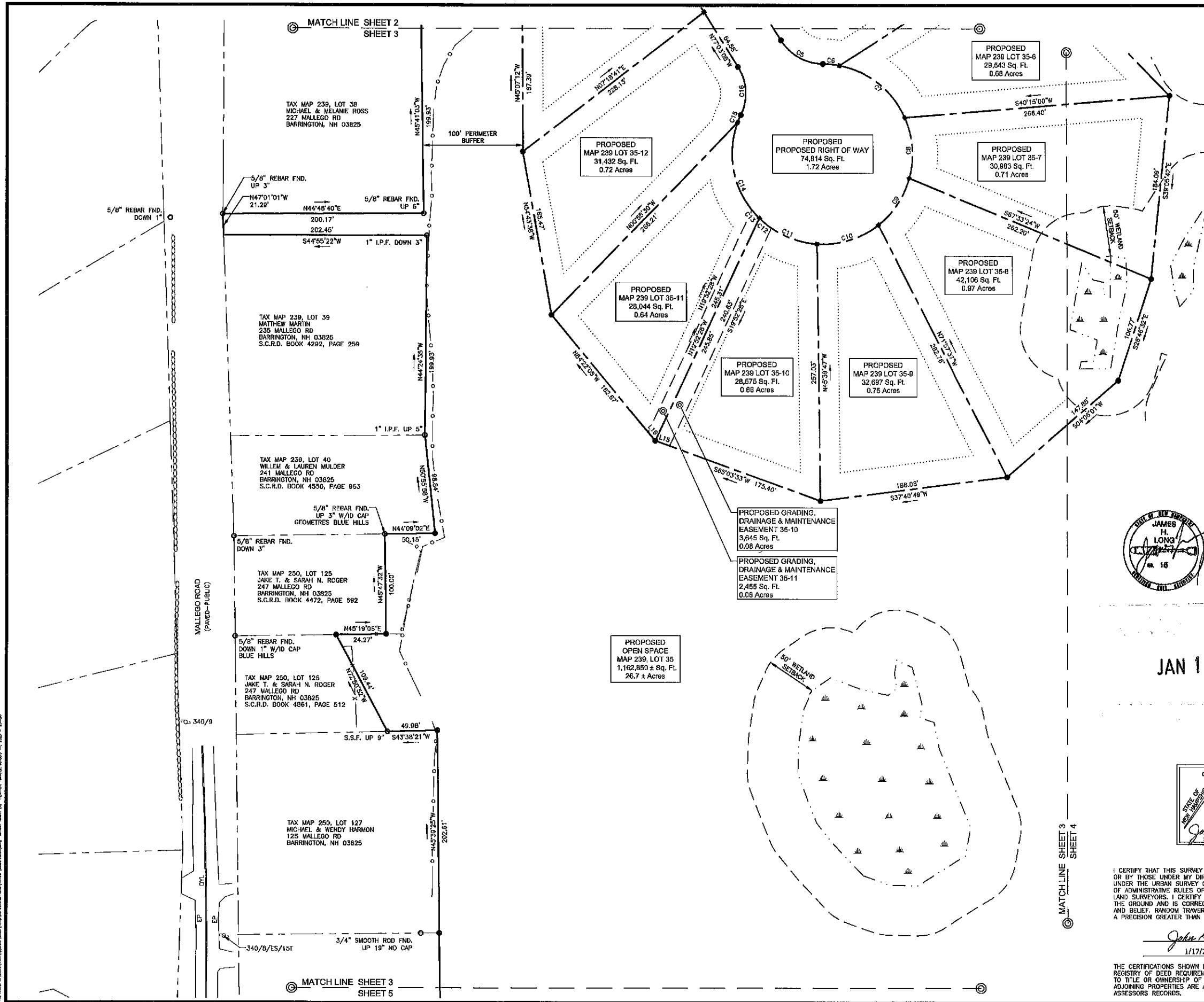
**SUBDIVISION PLAN**  
FOR  
**GUPTILL PROPERTIES**  
OF  
**TAX MAP 239 LOT 35**  
MALLEGRO ROAD  
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISION PER REVIEW #1	M.T.L.	DESCRIPTION	BY
1	01/17/23				

DRAWN BY: M.T.L. & P.C.L.	DATE: NOVEMBER 15, 2022
CHECKED BY: J.F.K.	DRAWING NO. 7470B
JOB NO. 7470	SHEET 2

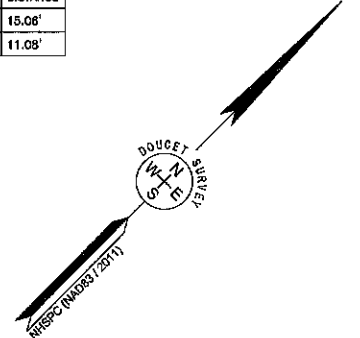
**DOUCET SURVEY**  
Serving Your Professional Surveying & Mapping Needs  
102 Kent Place, Newmarket, NH 03857 (603) 659-6560  
Offices in Bedford & Keene, NH and Kennebunk, ME  
http://www.doucetsurvey.com

FILE NAME: C:\Users\jlong\AppData\Local\Temp\1\171723\SUBDIVISION\239\239-35-15.dwg PLOTTED: Tuesday, January 17, 2023 11:58:24 AM



CURVE TABLE					
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C5	50.27'	50.00'	57°38'27"	S74°08'38"W	48.18'
C6	16.67'	90.00'	10°36'41"	S80°38'45"W	16.64'
C7	86.70'	80.00'	55°11'39"	S83°32'55"W	83.39'
C8	61.84'	90.00'	39°22'09"	N49°10'11"W	60.63'
C9	57.13'	90.00'	36°22'19"	N11°16'38"W	56.18'
C10	65.64'	90.00'	41°47'07"	N27°48'05"E	84.19'
C11	64.28'	90.00'	40°54'35"	N69°08'56"E	82.90'
C12	15.52'	90.00'	9°52'39"	N84°39'55"E	15.50'
C14	103.79'	90.00'	68°04'24"	S67°21'34"E	98.13'
C15	7.66'	90.00'	4°52'42"	S21°53'01"E	7.66'
C16	50.27'	60.00'	57°36'27"	S48°14'54"E	48.18'

LINE TABLE		
LINE	BEARING	DISTANCE
L15	S65°03'33"W	15.06'
L16	N84°22'05"W	11.08'



APPROVED DATE \_\_\_\_\_  
 BARRINGTON, NH  
 PLANNING BOARD

THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

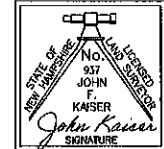


JAN 18 2023

**SUBDIVISION PLAN**  
 FOR  
**GUPTILL PROPERTIES**  
 OF  
**TAX MAP 239 LOT 35**  
 MALLEGO ROAD  
 BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISION PER REVIEW #1	DESCRIPTION	M.T.L. BY
1	01/17/23			

DRAWN BY: M.T.L. & F.C.L.	DATE: NOVEMBER 15, 2022
CHECKED BY: J.F.K.	DRAWING NO. 7470B
JOB NO. 7470	SHEET 3



I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, RANDOM TRANSVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:15,000.

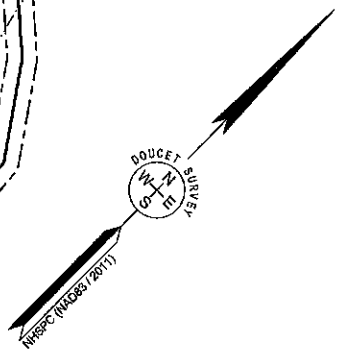
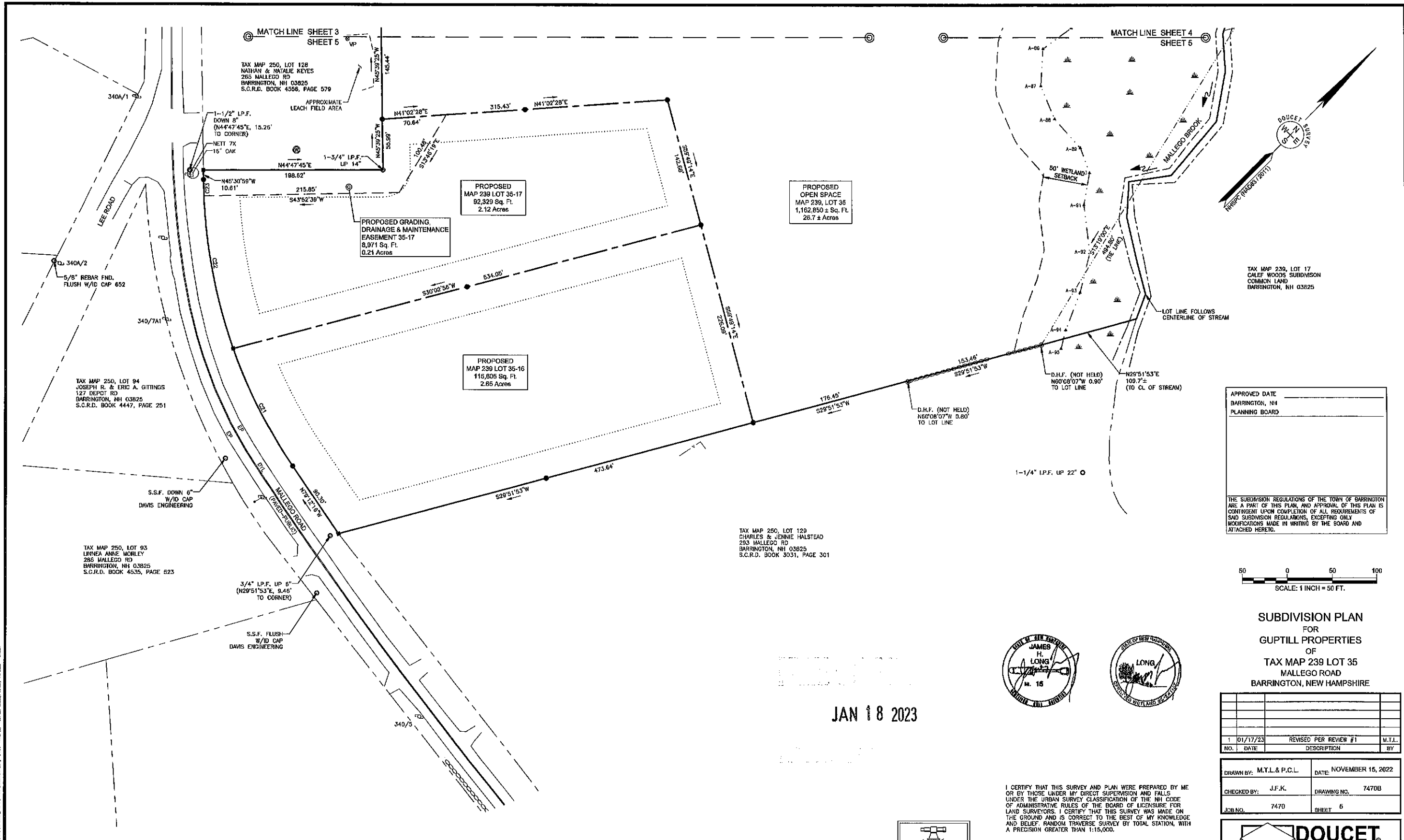
*John Kaiser* L.L.S. #937  
 1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS' RECORDS.

**DOUCET SURVEY**  
 Serving Your Professional Surveying & Mapping Needs  
 102 Kent Place, Newmarket, NH 03857 (603) 659-6560  
 Offices in Bedford & Keene, NH and Kennebunk, ME  
<http://www.doucetsurvey.com>

THE MAPS, DRAWINGS, AND PLANS OF THIS SURVEY WERE PREPARED BY JOHN KAISER, L.L.S., UNDER THE SUPERVISION OF JAMES H. LONG, L.L.S., AND ARE NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF DOUCET SURVEY.

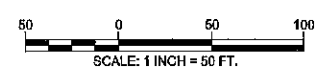




TAX MAP 239, LOT 17  
CALEF WOODS SUBDIVISION  
COMMON LAND  
BARRINGTON, NH 03825

APPROVED DATE  
BARRINGTON, NH  
PLANNING BOARD

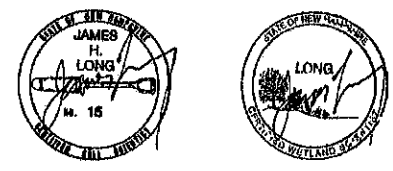
THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



**SUBDIVISION PLAN**  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISION PER REVIEW #1	M.T.L. DESCRIPTION	BY
1	01/17/23			

DRAWN BY:	M.T.L. & P.C.L.	DATE:	NOVEMBER 15, 2022
CHECKED BY:	J.F.K.	DRAWING NO.:	7470B
JOB NO.:	7470	SHEET:	6

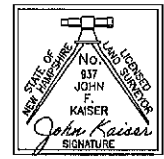


JAN 18 2023

I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. RANDOM TRAVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:15,000.

*John Kaiser* L.L.S. #937  
1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET THE REQUIREMENTS OF THE REGISTERED PROFESSIONAL SURVEYORS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.



CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C21	145.80'	572.00'	14°36'53"	N71°53'49"W	145.51'
C22	190.41'	572.00'	19°04'24"	N65°03'11"W	189.54'
C23	17.07'	572.00'	1°49'01"	S46°04'50"E	17.07'

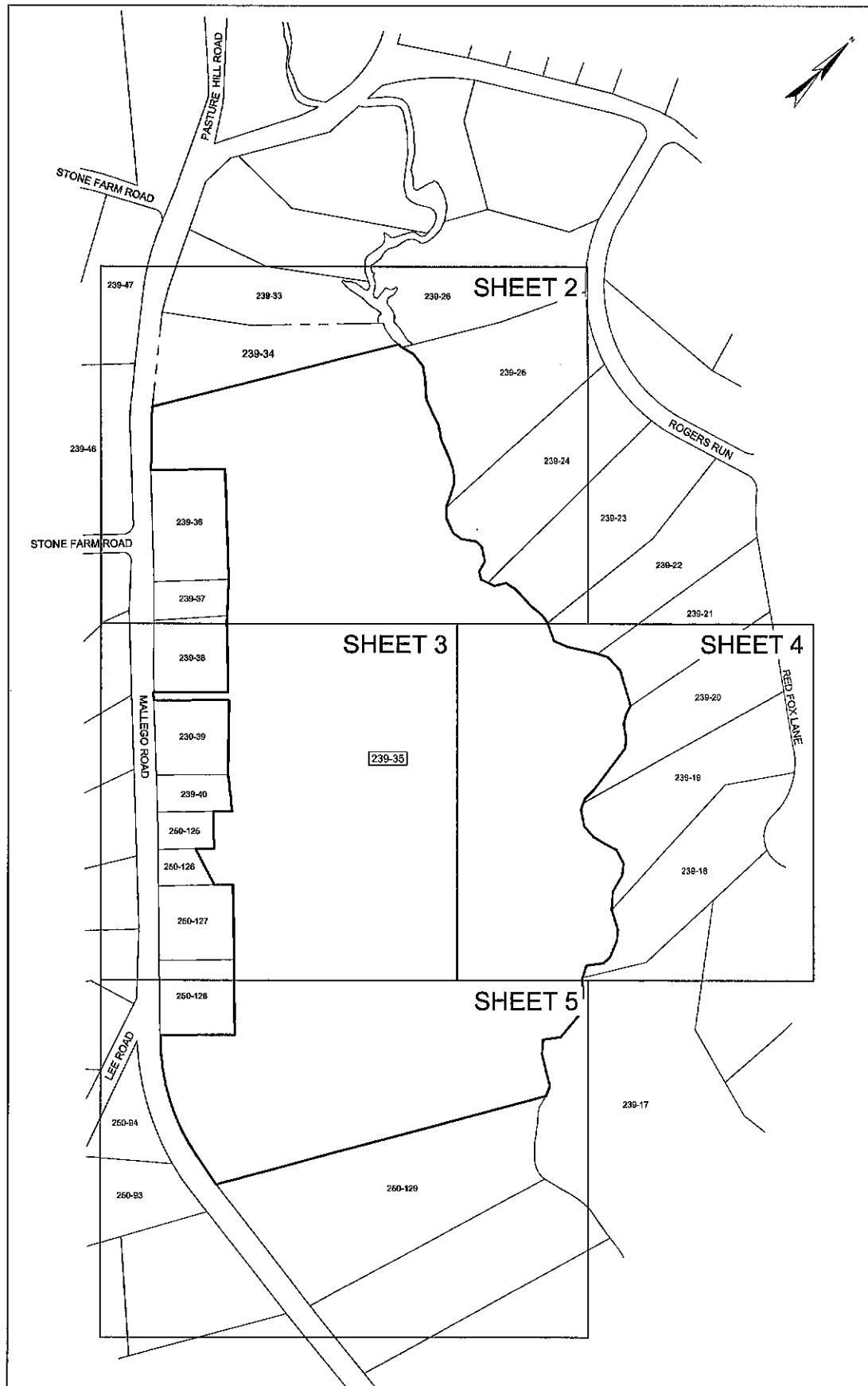
FILE NAME: C:\Users\jkaizer\OneDrive\Documents\Projects\2023\23011723\23011723.dwg PLOTTED: Tuesday, January 17, 2023 11:05 AM

**NOTES:**

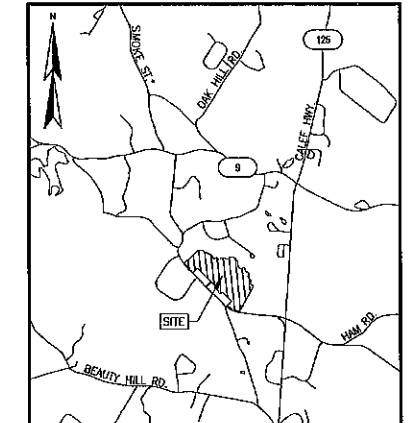
1. REFERENCE: TAX MAP 239, LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE
2. TOTAL PARCEL AREA: 1,861,190± SQ. FT. OR 43.3± AC.
3. OWNER OF RECORD: PAUL GUPTILL  
PO BOX 587  
BARRINGTON, NH 03852  
S.C.R.D. BOOK 2070, PAGE 206
4. FIELD SURVEY PERFORMED BY J.M.L. & D.D.L. (DOUCET SURVEY) DURING JUNE THROUGH AUGUST 2022 USING A TRIMBLE S6 TOTAL STATION AND A TRIMBLE R12 SURVEY GRADE GPS WITH A TRIMBLE TSC3 DATA COLLECTOR AND A SOKKIA B21 AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
5. AERIAL SURVEY PERFORMED BY L.P.S. ON MAY 26, 2022 USING A DJI PHANTOM 4 PRO UAV.
6. HORIZONTAL DATUM BASED ON NAD83(2011) NEW HAMPSHIRE STATE PLANE COORDINATE ZONE (2800) DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
7. VERTICAL DATUM IS BASED ON APPROXIMATE NAVD83(GEOD18) (±2') DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
8. JURISDICTIONAL WETLANDS DELINEATED BY GZA, DURING JUNE 2022 IN ACCORDING TO THE:
  - US ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 (JANUARY, 1987).
  - REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHERN AND NORTHEAST REGION (2012).
  - NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHEAST (REGION 1), U.S. FISH AND WILDLIFE SERVICE (2013).
  - CODE OF ADMINISTRATIVE RULES, WETLANDS BOARD, STATE OF NEW HAMPSHIRE (CURRENT).
  - FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION B.0, 2016 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4. NEHSTC (MAY 2017).
9. FLOOD HAZARD ZONE: "X", PER FIRM MAP #S301C0285D, DATED 5/17/06.
10. PROPER FIELD PROCEDURES WERE FOLLOWED IN ORDER TO GENERATE CONTOURS AT 2' INTERVALS. ANY MODIFICATION OF THIS INTERVAL WILL DIMINISH THE INTEGRITY OF THE DATA, AND DOUCET SURVEY WILL NOT BE RESPONSIBLE FOR ANY SUCH ALTERATION PERFORMED BY THE USER.
11. THE INTENT OF THIS PLAN IS TO SHOW THE LOCATION OF BOUNDARIES IN ACCORDANCE WITH AND IN RELATION TO THE CURRENT LEGAL DESCRIPTION, AND IS NOT AN ATTEMPT TO DEFINE UNWRITTEN RIGHTS, DETERMINE THE EXTENT OF OWNERSHIP, OR DEFINE THE LIMITS OF TITLE.
12. THE ACCURACY OF MEASURED UTILITY INVERTS AND PIPE SIZES/TYPES IS SUBJECT TO NUMEROUS FIELD CONDITIONS, INCLUDING: THE ABILITY TO MAKE VISUAL OBSERVATIONS, DIRECT ACCESS TO THE VARIOUS ELEMENTS, MANHOLE CONFIGURATION, ETC.
13. DUE TO THE COMPLEXITY OF RESEARCHING ROAD RECORDS AS A RESULT OF INCOMPLETE, UNORGANIZED, INCONCLUSIVE, OBLITERATED, OR LOST DOCUMENTS, THERE IS AN INHERENT UNCERTAINTY INVOLVED WHEN ATTEMPTING TO DETERMINE THE LOCATION AND WIDTH OF A ROADWAY RIGHT OF WAY. THE EXTENT OF THE ROAD AS DEPICTED HEREON IS BASED ON RESEARCH CONDUCTED AT THE S.C.R.D. AND BARRINGTON TOWN OFFICES.
14. WATER BOUNDARIES ARE DYNAMIC IN NATURE AND ARE SUBJECT TO CHANGE DUE TO NATURAL CAUSES SUCH AS EROSION OR ACCRETION.
15. OVERALL ABUTTING PARCEL BOUNDARIES AS SHOWN HEREON ARE BASED ON GIS DATA AND ARE IN THEIR ORIGINAL LOCATION. THE PARCEL BOUNDARIES HAVE NOT BEEN ADJUSTED TO MATCH FOUND PROPERTY MONUMENTS OR THE EDGE OF RIGHT OF WAY AS DETERMINED BY THE SURVEYOR.
16. ALL UNDERGROUND UTILITIES (ELECTRIC, GAS, TEL. WATER, SEWER DRAIN SERVICES) ARE SHOWN IN SCHEMATIC FASHION. THEIR LOCATIONS ARE NOT PRECISE OR NECESSARILY ACCURATE. NO WORK WHATSOEVER SHALL BE UNDERTAKEN USING THIS PLAN TO LOCATE THE ABOVE SERVICES. CONSULT WITH THE PROPER AUTHORITIES CONCERNED WITH THE SUBJECT SERVICE LOCATIONS FOR INFORMATION REGARDING SUCH. CALL DIG-SAFE AT 1-888-DIG-SAFE.

**REFERENCE PLANS:**

1. "SUBDIVISION OF LAND OF THE CALEF FAMILY LAND BARRINGTON, N.H." DATED NOVEMBER 7, 1985 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 29-3.
2. "SUBDIVISION PLAN FOR CALEF INC. BARRINGTON, N.H." DATED FEBRUARY 6, 1988 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 29-70.
2. "SUBDIVISION PLAN" DATED JUNE 8, 1988 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 34-100.
3. "LAND OF LATHAM NICHOLS PROVINCE ROAD BARRINGTON, N.H." DATED APRIL 10, 1986 BY BERRY SURVEYING & ENGINEERING. S.C.R.D. PLAN 48-33.
4. "PROPOSED BOUNDARY LINE REVISION LAND OF MADELYN SWENSON & LATHAM NICHOLS PROVINCE ROAD BARRINGTON, N.H." DATED MAY 19, 1987 BY BERRY SURVEYING & ENGINEERING. S.C.R.D. PLAN 50-15.
5. "SUBDIVISION PLAN PREPARED FOR R.L.C. HOLDINGS, INC. AND ANDREA E. ROWELL OF MAP 11, LOT 4-28 AND LOT 89 MALLEGO ROAD COUNTY OF STRAFFORD BARRINGTON, N.H." DATED AUGUST 20, 1998 BY DAVID W. VINCENT LLS, LAND SURVEYING SERVICES. S.C.R.D. PLAN 56-52.
6. "STONE FARM SUBDIVISION FOR CARLISLE REALTY, L.L.C. PROVINCE ROAD BARRINGTON, N.H." BY DOUCET SURVEY INC. DATED OCTOBER 18, 1999. S.C.R.D. PLAN 60-72.
7. "SUBDIVISION PLAN PREPARED FOR R.L.C. HOLDINGS, INC. OF 'CALEF WOODS' MALLEGO ROAD COUNTY OF STRAFFORD BARRINGTON, N.H." DATED FEBRUARY 14, 2000 BY DAVID W. VINCENT LLS, LAND SURVEYING SERVICES. S.C.R.D. PLAN 65-13.
8. "LOT LINE ADJUSTMENT PLAN PREPARED FOR ROSE REALTY TRUST, CARLISLE REALTY LLC, ROSE REALTY LLC AND PAUL GUPTILL OF 'CALEF WOODS' MALLEGO ROAD COUNTY OF STRAFFORD BARRINGTON, N.H." DATED AUGUST 1, 2002 BY DAVID W. VINCENT LLS, LAND SURVEYING SERVICES. S.C.R.D. PLAN 67-7.
9. "SITE PLAN PROVINCE ROAD & R.H. ROUTE 125 BARRINGTON, N.H. FOR ORCHARD AUTO SALES" DATED NOVEMBER, 1999. BY NORWAY PLAINS ASSOCIATES, INC. S.C.R.D. 58-32
10. "SUBDIVISION PLAN DOUGLAS M. & PATRICIA A. CALL BARRINGTON, NEW HAMPSHIRE STRAFFORD COUNTY" DATED APRIL 1998 BY ORVIS/DREW LLC. S.C.R.D. 53-39

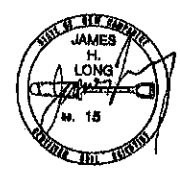


KEY MAP

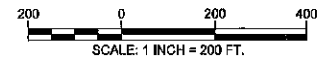


- LEGEND**
- EXISTING LOT LINE
  - APPROXIMATE ABUTTERS LOT LINE
  - MAJOR CONTOUR LINE
  - MINOR CONTOUR LINE
  - STONE WALL
  - RETAINING WALL
  - CHAIN LINK FENCE
  - STOCKADE FENCE
  - PICKET FENCE
  - WIRE FENCE
  - OVERHEAD WIRE
  - TREE LINE
  - EDGE OF DELINEATED WETLAND
  - WATERCOURSE
  - WETLAND AREA

JAN 18 2023



John Kaiser  
L.L.S. #937  
1/17/23  
DATE



**EXISTING CONDITIONS PLAN**  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISION PER REVIEW #1	DESCRIPTION	M.T.L.	BY
1	01/17/23				

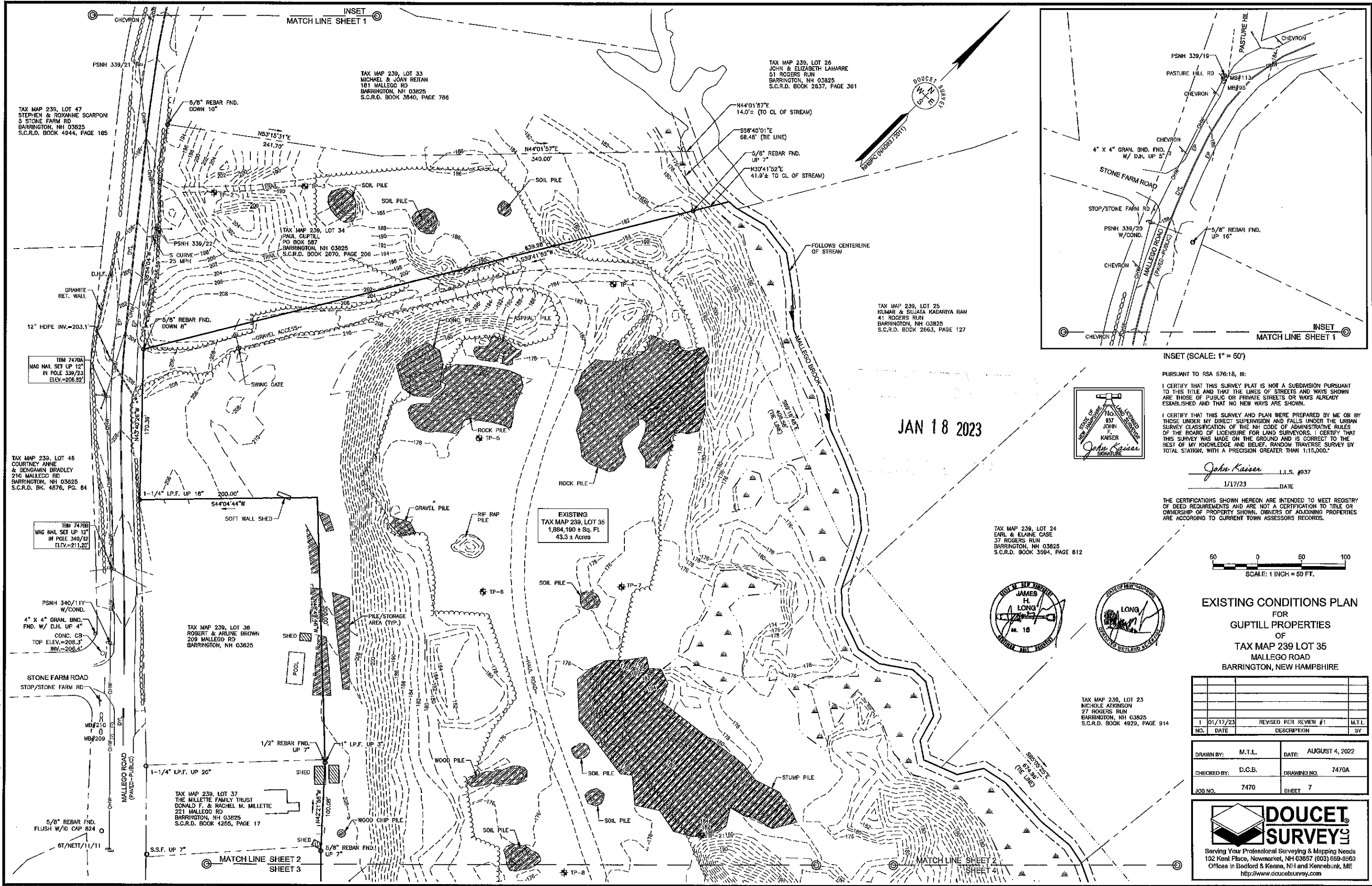
DRAWN BY:	M.T.L.	DATE:	AUGUST 4, 2022
CHECKED BY:	D.C.B.	DRAWING NO.:	7470A
JOB NO.:	7470	SHEET:	6

PURSUANT TO RSA 678:18, III:  
I CERTIFY THAT THIS SURVEY PLAN IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.  
I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. RANDOM TRAVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:15,000.

John Kaiser L.L.S. #937  
1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.

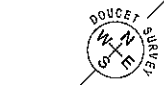
**DOUCET SURVEY**  
Serving Your Professional Surveying & Mapping Needs  
102 Kent Place, Newmarket, NH 03857 (603) 658-6560  
Offices in Bedford & Keene, NH and Kennebunk, ME  
http://www.doucetsurvey.com



TAX MAP 239, LOT 47  
STEPHEN & ROXANNE SCARPON  
5 STONE FARM RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4944, PAGE 185

TAX MAP 239, LOT 33  
MICHAEL & JOAN REITAN  
181 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3840, PAGE 786

TAX MAP 239, LOT 26  
JOHN & ELIZABETH LAHARRE  
51 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2637, PAGE 361



TAX MAP 239, LOT 25  
KUMAR & SUJATA KADARIYA RAM  
41 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2563, PAGE 127

TAX MAP 239, LOT 46  
COURTNEY ANNE  
& BENJAMIN BRADLEY  
210 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BK. 4576, PG. 84

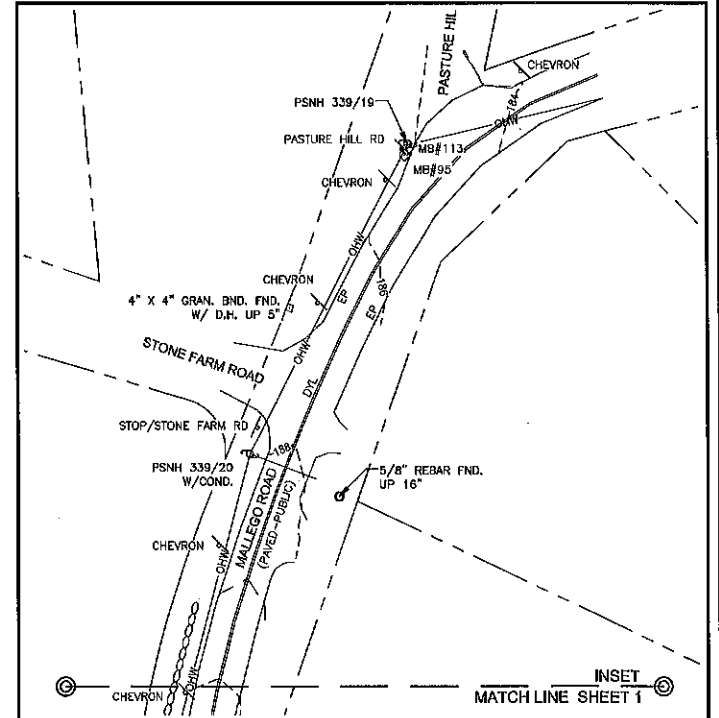
EXISTING  
TAX MAP 239, LOT 35  
1,884,190 ± Sq. Ft.  
43.3 ± Acres

TAX MAP 239, LOT 24  
EARL & ELAINE CASE  
37 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3584, PAGE 812

TAX MAP 239, LOT 36  
ROBERT & ARLINE BROWN  
209 MALLEGO RD  
BARRINGTON, NH 03825

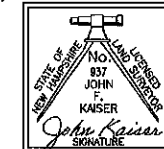
TAX MAP 239, LOT 23  
NICOLE ATKINSON  
27 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4929, PAGE 914

TAX MAP 239, LOT 37  
THE MILLETTE FAMILY TRUST  
DONALD F. & RACHEL M. MILLETTE  
221 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4255, PAGE 17



INSET (SCALE: 1" = 60')

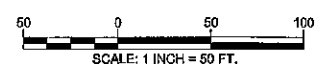
JAN 18 2023



PURSUANT TO RSA 676:16, III:  
I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.  
I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. RANDOM TRAVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:15,000.

*John Kaiser* L.L.S. #937  
1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.



EXISTING CONDITIONS PLAN  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE

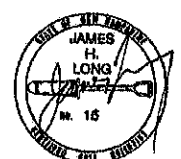
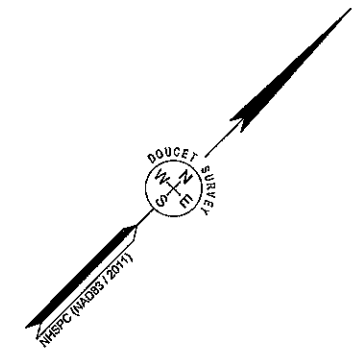
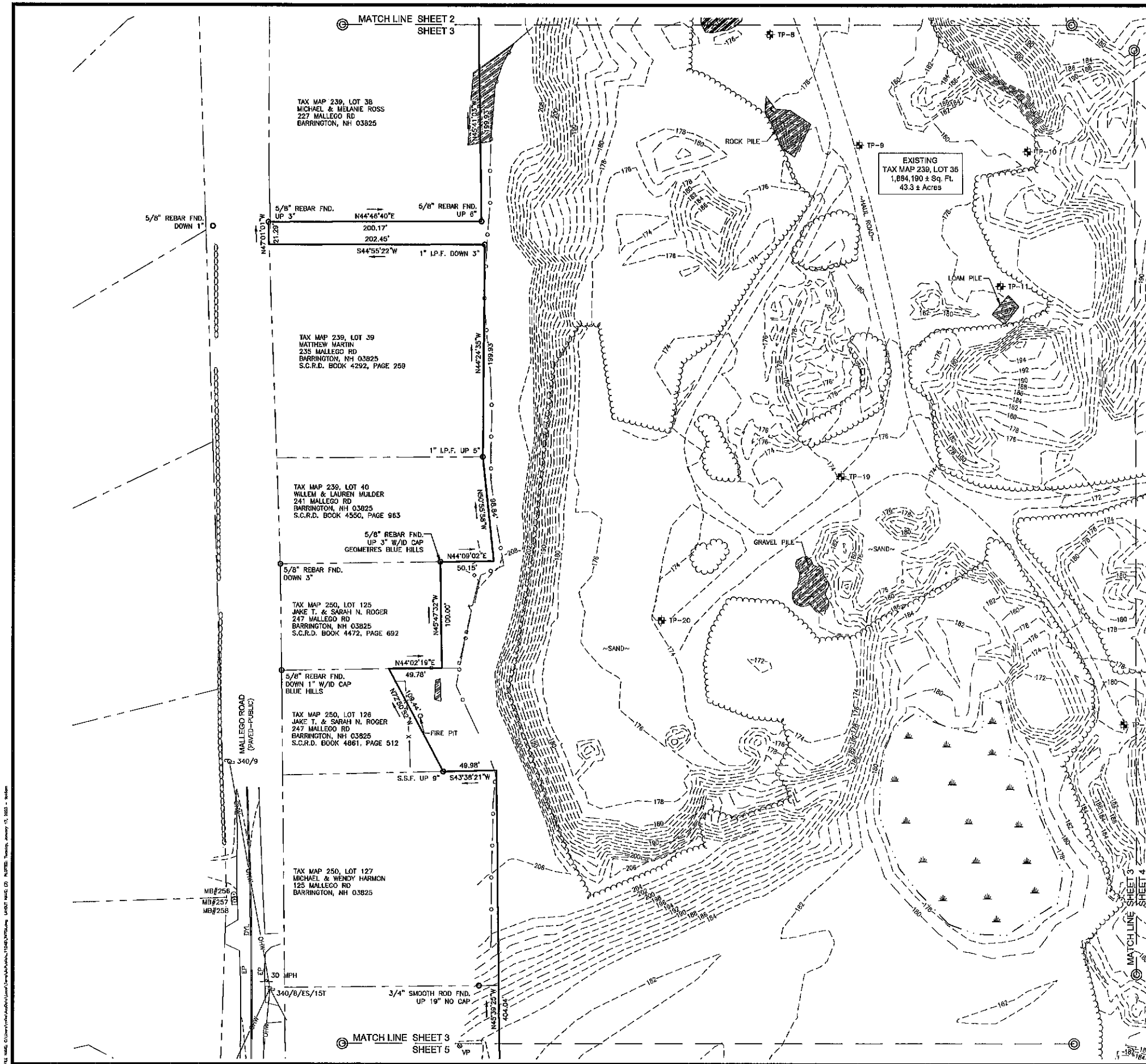
NO.	DATE	REVISION PER REVIEW #1	DESCRIPTION	M.T.L.	BY
1	01/17/23				

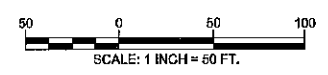
DRAWN BY:	M.T.L.	DATE:	AUGUST 4, 2022
CHECKED BY:	D.C.B.	DRAWING NO.	7470A
JOB NO.	7470	SHEET	7

**DOUCET SURVEY**  
Serving Your Professional Surveying & Mapping Needs  
102 Kent Place, Newmarket, NH 03857 (603) 659-8560  
Offices in Bedford & Keene, NH and Kennebunk, ME  
<http://www.doucetsurvey.com>





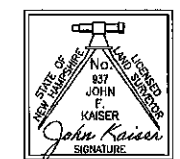
JAN 18 2023



**EXISTING CONDITIONS PLAN**  
 FOR  
 GUPTILL PROPERTIES  
 OF  
 TAX MAP 239 LOT 35  
 MALLEGO ROAD  
 BARRINGTON, NEW HAMPSHIRE

NO.	DATE	DESCRIPTION	BY

DRAWN BY:	M.T.L.	DATE:	AUGUST 4, 2022
CHECKED BY:	D.C.B.	DRAWING NO.	7470A
JOB NO.	7470	SHEET	8



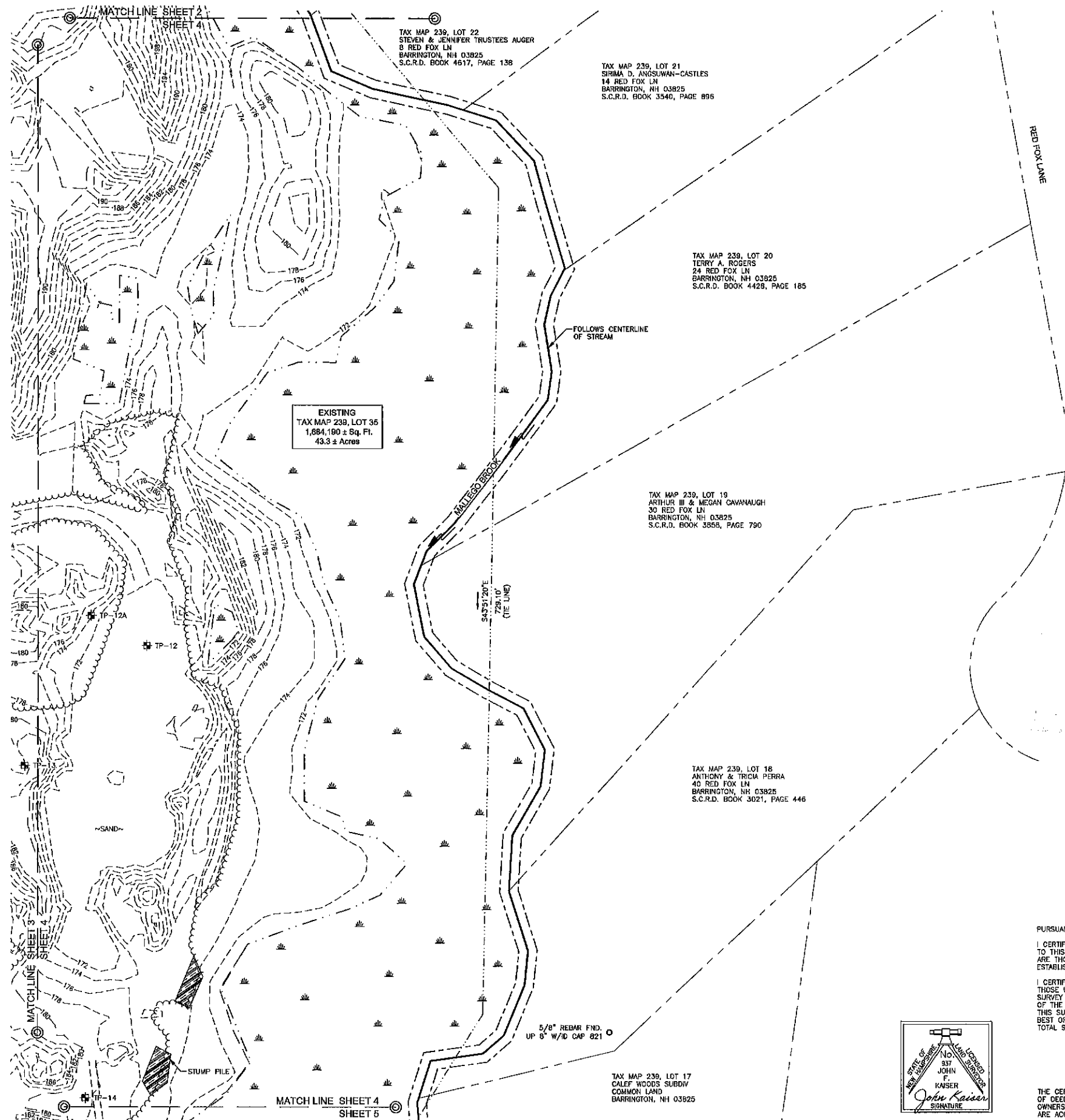
PURSUANT TO RSA 678:18, III:  
 I CERTIFY THAT THIS SURVEY PLAN IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.  
 I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. RANDOM TRAVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:15,000.

*John Kaiser* L.L.S. #937  
 1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.

**DOUCET SURVEY**  
 Serving Your Professional Surveying & Mapping Needs  
 102 Kant Place, Newmarket, NH 03857 (603) 659-8560  
 Offices in Bedford & Keene, NH and Kennebunk, ME  
<http://www.doucetsurvey.com>

THE NAME, CITY, COUNTY AND STATE OF THE SURVEYOR MUST BE PRINTED IN THE LOWER LEFT CORNER OF EACH SHEET.



TAX MAP 239, LOT 22  
STEVEN & JENNIFER TRUSTEES AUGER  
8 RED FOX LN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4617, PAGE 138

TAX MAP 239, LOT 21  
SIRMA D. ANGSUWAN-CASTLES  
14 RED FOX LN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3540, PAGE 896

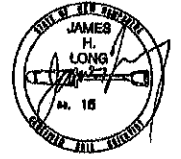
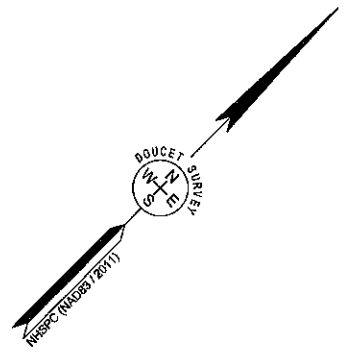
TAX MAP 239, LOT 20  
TERRY A. ROGERS  
24 RED FOX LN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4428, PAGE 185

EXISTING  
TAX MAP 239, LOT 35  
1,884,190 ± Sq. Ft.  
43.3 ± Acres

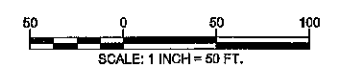
TAX MAP 239, LOT 19  
ARTHUR III & MEGAN CAVANAUGH  
30 RED FOX LN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3858, PAGE 790

TAX MAP 239, LOT 18  
ANTHONY & TRICIA PERRA  
40 RED FOX LN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3021, PAGE 446

TAX MAP 239, LOT 17  
CALEF WOODS SUBDIV  
COMMON LAND  
BARRINGTON, NH 03825



JAN 18 2023

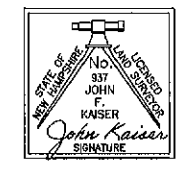


**EXISTING CONDITIONS PLAN**  
FOR  
**GUPTILL PROPERTIES**  
OF  
**TAX MAP 239 LOT 35**  
**MALLEGO ROAD**  
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	DESCRIPTION	BY

DRAWN BY:	M.T.L.	DATE:	AUGUST 4, 2022
CHECKED BY:	D.C.B.	DRAWING NO.	7470A
JOB NO.	7470	SHEET	9

PURSUANT TO RSA 676:18, III:  
I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.  
I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. RANDOM TRAVERSE SURVEY BY TOTAL STATION, WITH A PRECISION GREATER THAN 1:15,000."



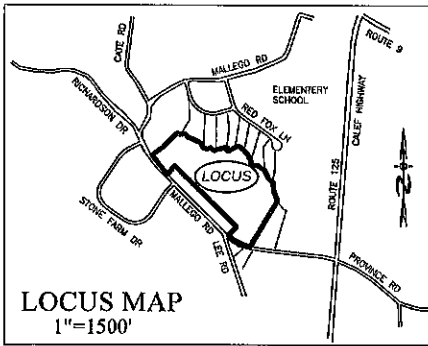
*John Kaiser* L.L.S. #937  
1/17/23 DATE

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.

**DOUCET SURVEY**  
Serving Your Professional Surveying & Mapping Needs  
102 Kent Place, Newmarket, NH 03857 (603) 669-6560  
Offices in Bedford & Keene, NH and Kennebunk, ME  
<http://www.doucetsurvey.com>

1:15,000  
 1/17/23  
 102 Kent Place, Newmarket, NH 03857 (603) 669-6560  
 OFFICE: 102 KENT PLACE, NEWMARKET, NH 03857  
 1/17/23





**CONCEPTUAL DATA**  
 TOTAL AREA = 43.3 AC±  
 18 SINGLE FAMILY LOTS  
 LOT SIZES 80000 SF+  
 2,550+/- LF OF ROADWAY

**ZONING REQUIREMENTS**

ZONE: VILLAGE DISTRICT (VD)  
 CONVENTIONAL SUBDIVISION  
 MIN. LOT SIZE = 80,000 SF  
 MIN. FRONTAGE = 200'  
 MAX. HEIGHT = 35'  
 BUILDING SETBACKS:  
 FRONT 40'  
 SIDE & REAR 30'  
 WETLANDS 50'  
 LEACH FIELD SETBACKS:  
 POORLY DRAINED SOILS 50'  
 VERY POORLY DRAINED SOILS 75'

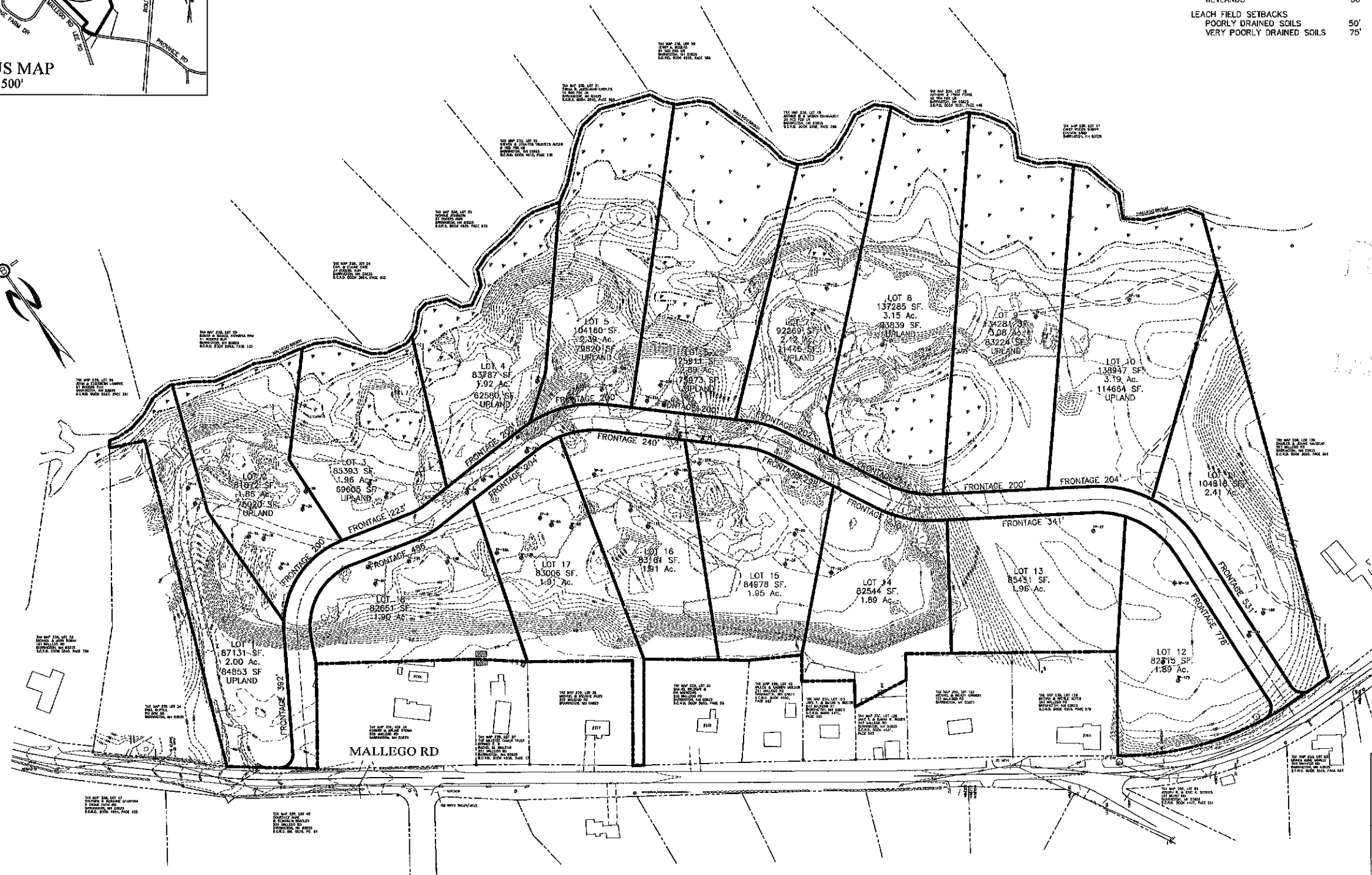
PREPARED FOR:

JOSEPH FALZONE  
 7B EMERY LANE  
 STRATHAM, N.H. 03885



70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860,  
 FAX: 603-583-4863

JAN 18 2023



PLANNING BOARD APPROVAL BLOCK

---



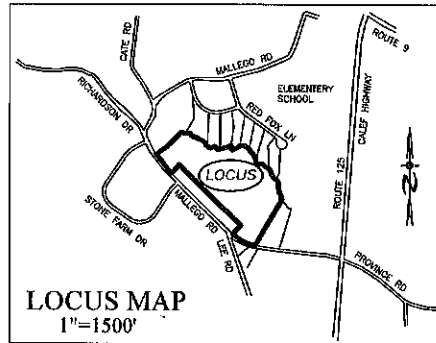
---



---

THE INTENT OF THIS PLAN IS TO ESTABLISH RESIDENTIAL LOT DENSITY YIELD USING CALCULATIONS ACCORDING TO TOWN REGULATIONS AND NOT INTENDED FOR CONSTRUCTION.

REVISED PER PB COMMENTS	12-8-22
REVISIONS:	DATE:
<b>YIELD SITE PLAN</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGO ROAD BARRINGTON, NH	
DATE: NOV 2022	SCALE: 1"=50'
PROJ. NO: NH-1443	SHT. NO. 11



**TOWN NOTES**  
 IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.

REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE AND SHALL BE MAINTAINED THROUGHOUT THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.

ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.

**OPEN SPACE CALCS:**  
 TOTAL RESIDENTIAL LOT AREA = 43.3 AC.  
 REQUIRED OPEN SPACE = 80% OR 25.9 AC.  
 OPEN SPACE PROVIDED = 26.7 AC. OR 61%  
 MIN. REQUIRED UPLAND AREA = 50% OR 12.9 AC.  
 UPLAND AREA PROVIDED = 21.1 AC.

**ZONING REQUIREMENTS**  
 ZONE: VILLAGE DISTRICT (VD)  
 CONSERVATION SUBDIVISION  
 MIN. PARENT PARCEL = 20.0 AC.  
 MIN. LOT SIZE = 20,000 SF  
 MIN. WIDTH = 75' @ FRONT SETBACK  
 MIN. PERIMETER BUFFER = 100'  
 MAX. HEIGHT = 35'

**BUILDING SETBACKS:**  
 FRONT 25'  
 SIDE & REAR 20'  
 WETLANDS 50'  
 LEACH FIELD SETBACKS  
 POORLY DRAINED SOILS 50'  
 VERY POORLY DRAINED SOILS 75'

PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
 STRATHAM, N.H. 03885

**BA BEALS ASSOCIATES, P.L.L.C.** | 70 PORTSMOUTH AVE., THIRD FLOOR, SUITE 2, STRATHAM, N.H. 03885  
 PHONE: 603-583-4860, FAX: 603-583-4863

- NOTES**
- UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN LOCATED FROM FIELD OBSERVATIONS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. BEALS ASSOCIATES OR ANY OF THEIR EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN, THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND UTILITIES OR STRUCTURES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 1-888-DIG-SAFE.
  - THIS PLAN HAS BEEN PREPARED FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS. THIS INCLUDES ANY UNDESIRABLE CONDITIONS, SURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS OF THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
  - ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
  - ALL ROAD AND DRAINAGE WORK TO CONFORM TO TOWN STANDARD SPECIFICATIONS FOR CONSTRUCTION.
  - ALL PROPOSED SIGNS SHALL CONFORM TO THE TOWN ZONING REGULATIONS.
  - PROJECT IS BASED ON USGS DATUM NAD 1988. GPS OBSERVATIONS.
  - THE LANDOWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL, WETLAND REGULATIONS, INCLUDING ANY PERMITTING AND SETBACK REQUIREMENTS REQUIRED UNDER THESE REGULATIONS.
  - SEE DETAIL SHEET FOR STANDARD CONSTRUCTION NOTES AND DETAILS.
  - DISTURBANCE IS OVER 100,000 SQ. FT. ALTERATION OF TERRAIN PERMIT RSA 495-A-17 IS REQUIRED.
  - PARCEL IS WITHIN THE TOWN AQUIFER PROTECTION OVERLAY ZONE 0-2000 TRANSMISSIVITY.



PLANNING BOARD APPROVAL BLOCK

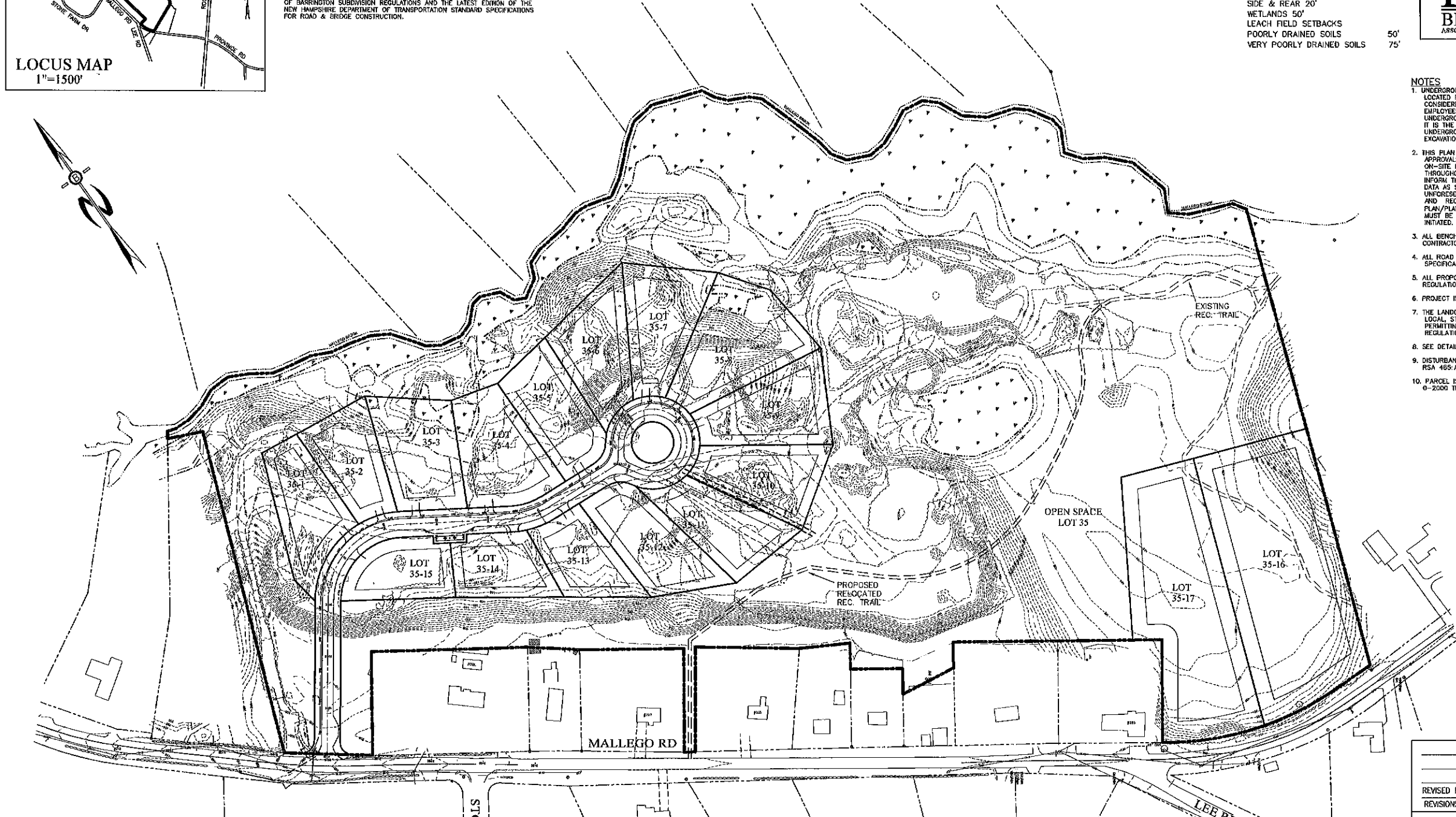
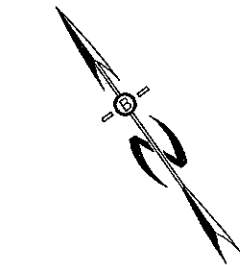
---

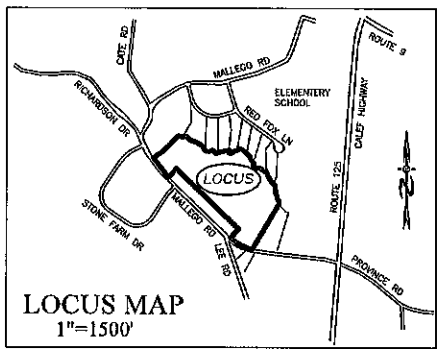


---

REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:
<b>OVERALL SITE PLAN</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGO ROAD BARRINGTON, NH	
DATE: NOV 2022	SCALE: 1"=100'
PROJ. NO: NH-1443	SHT. NO. 12

JAN 18 2023





THE SOIL MAPPING OF THE SITE WAS CONDUCTED IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THE SOCIETY OF SOIL SCIENTISTS OF NORTHERN NEW ENGLAND (SSSNE) PUBLICATION NO. 3 "SITE-SPECIFIC SOIL MAPPING STANDARDS FOR NEW HAMPSHIRE AND VERMONT, VERSION 7.0" DATED JULY 2021 BY NEW HAMPSHIRE CERTIFIED SOIL SCIENTIST (CSS) JAMES H. LONG (CSS #15). THE SITE-SPECIFIC SOIL MAPPING STANDARDS ARE BASED ON A UNIVERSALLY RECOGNIZED TAXONOMIC SYSTEM OF SOIL CLASSIFICATION AND ARE SUPPORTED BY NATIONAL SOIL MAPPING STANDARDS ESTABLISHED BY THE USDA NATIONAL COOPERATIVE SOIL SURVEY.

SOIL ID (SSSM)	SOIL TYPE	SOIL ID (HSS)	HYDROLOGIC SOIL GROUPE
12	HICKORY, EXCESS DRAINED, FINE SANDY LOAM	111	A
115	SCARBORO, MODERATELY WELL DRAINED	691	B
118	SUDBURY, MODERATELY WELL DRAINED	311	D
199/HADE	DUMPS, BARK CHIPS, AND ORGANIC MATERIALS	788	NONE
300/ABAA	URBANSMENTS, NEARLY LEVEL	101	A
350/DBAR	URBANSMENTS, WET SUBSTRATUM	381	B
548	WALPOLE, SANDY	521	C
800/FBAM	ENDOQUENTS, SANDY	681	C
118	SUDBURY, SOMEWHAT POORLY DRAINED	411	D

**ZONING REQUIREMENTS**  
 ZONE: VILLAGE DISTRICT (VD)  
 CONSERVATION SUBDIVISION  
 MIN. PARENT PARCEL = 20.0 AC.  
 MIN. LOT SIZE = 20,000 SF  
 MIN. WIDTH = 75' @ FRONT SETBACK  
 MIN. PERIMETER BUFFER = 100'  
 MAX. HEIGHT = 35'

**BUILDING SETBACKS:**  
 FRONT 25'  
 SIDE & REAR 20'  
 WETLANDS 50'  
 LEACH FIELD SETBACKS  
 POORLY DRAINED SOILS 50'  
 VERY POORLY DRAINED SOILS 75'

PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
 STRATHAM, N.H. 03885

**BA BEALS ASSOCIATES, PLLC**

70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860  
 FAX: 603-583-4863

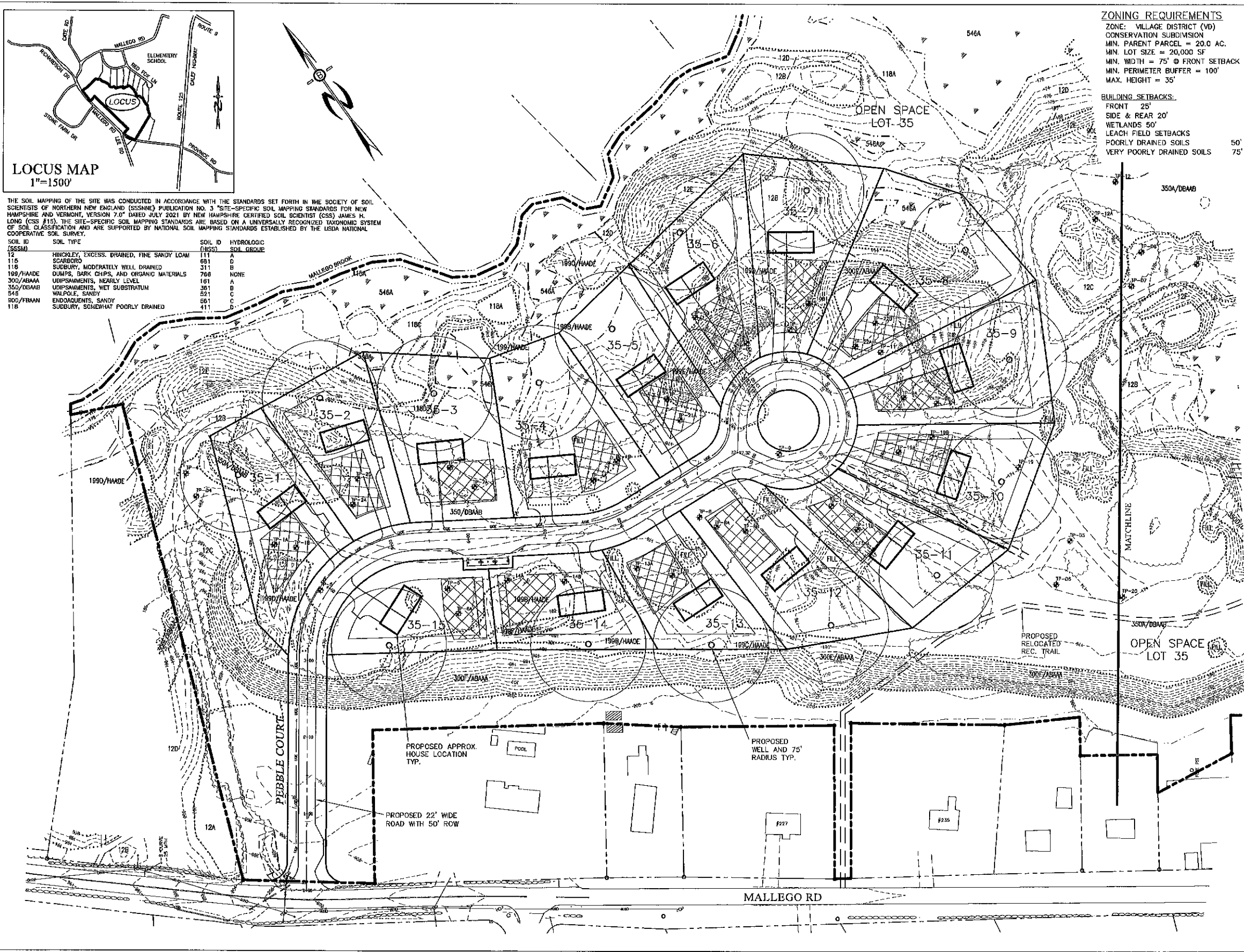
**NOTES**  
 1. SEE SHEET 12 FOR PLAN NOTES.

JAN 18 2023



PLANNING BOARD APPROVAL BLOCK

REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:
<b>SITE PLAN</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGRO ROAD BARRINGTON, NH	
DATE: NOV 2022	SCALE: 1" = 60'
PROJ. NO: NH-1443	SHT. NO. 13





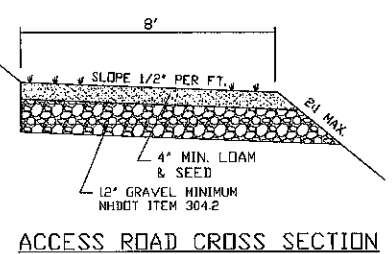
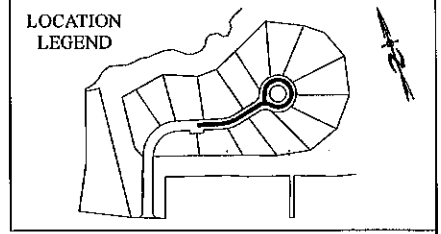




PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
 STRATHAM, N.H. 03885



70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860,  
 FAX: 603-583-4863



JAN 18 2023



PROFILE SCALES:  
 HORIZONTAL: 1"=40' VERTICAL: 1"=4'

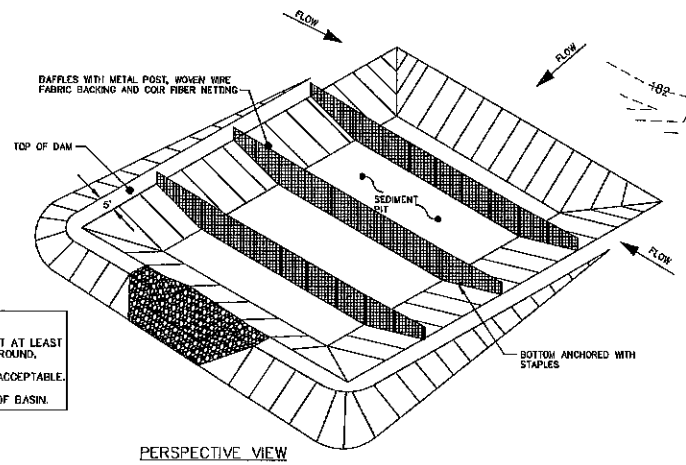
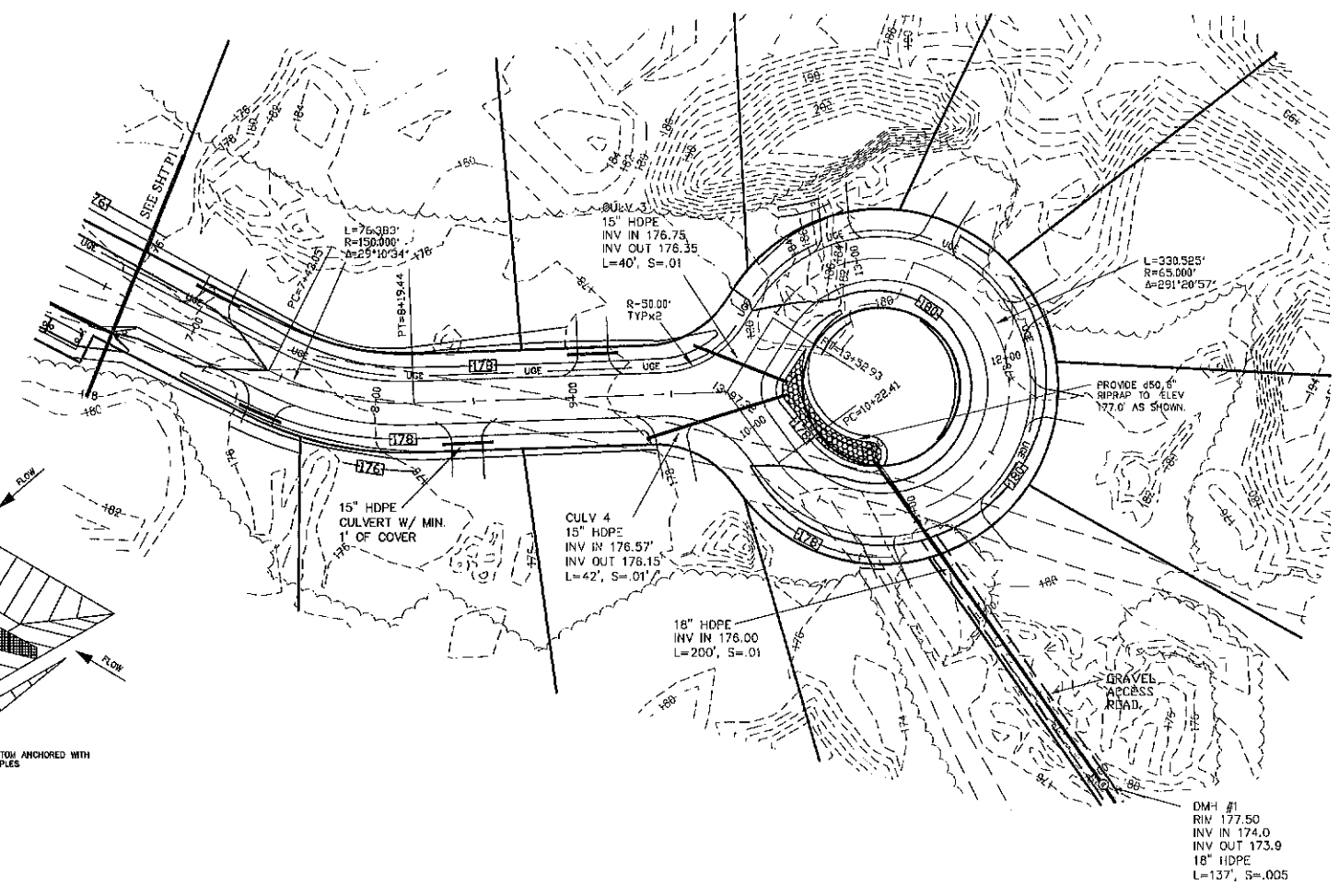


REVISED PER REVIEW COMMENTS	1-17-23
-----------------------------	---------

**PLAN & PROFILE - P2**

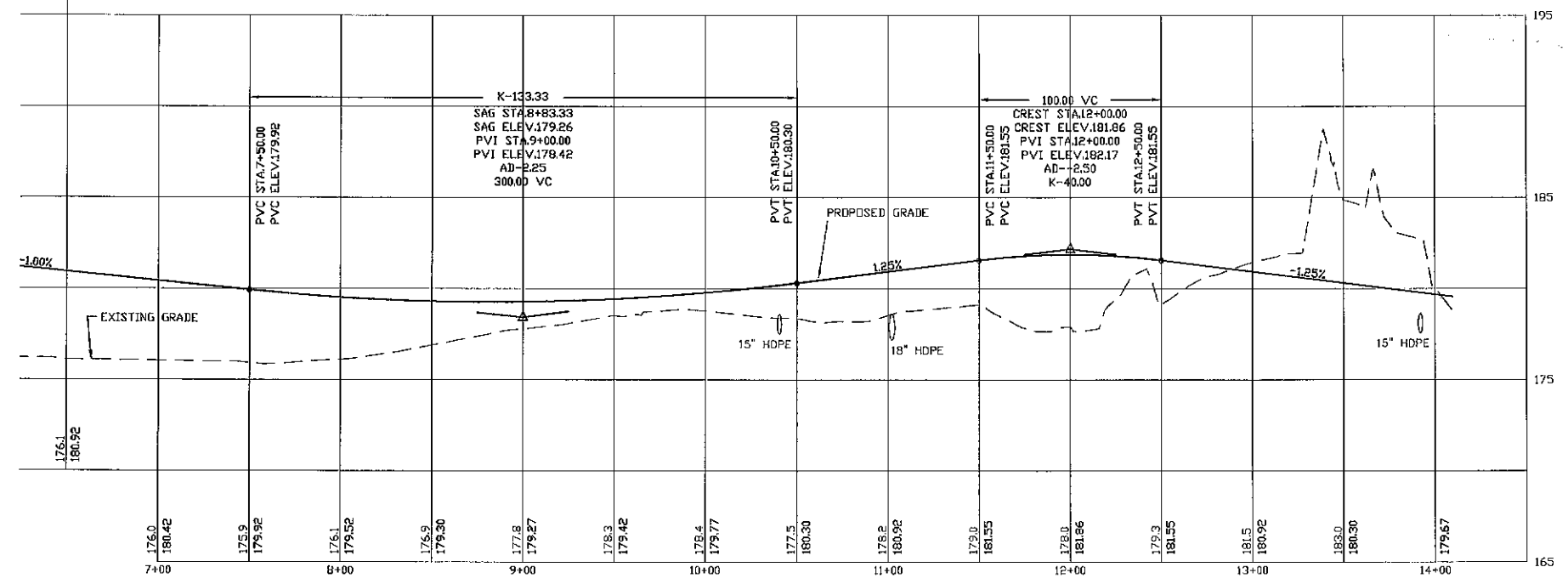
PLAN FOR:  
 RESIDENTIAL DEVELOPMENT  
 MALLEGO ROAD  
 BARRINGTON, NH

DATE:	NOV 2022	SCALE	1"=40'
PROJ. NO:	NH-1443	SHEET NO.	16



- NOTES:**
1. DRIVE STEEL FENCE POST AT LEAST 18 INCHES INTO SOLID GROUND.
  2. WOOD POSTS ARE NOT ACCEPTABLE.
  3. DIRECT WATER TO TOP OF BASIN.

PERSPECTIVE VIEW  
 TEMPORARY SEDIMENT BASIN



**GENERAL NOTES:**

1. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES (IN ACCORDANCE WITH ENR-WQ 1600) PRIOR TO THE START OF ANY CONSTRUCTION OPERATION THAT MAY CAUSE ANY SEDIMENTATION OR SILTATION AT THE SITE.
2. INSTALL STORM DRAIN INLET PROTECTION TO PREVENT CLOGGING OF THE STORM SEWER AND SEDIMENT LOADS TO DOWNSTREAM STORM WATER FACILITIES OR WATERBODIES.
3. IF THE STORMWATER BMP IS BEING DESIGNED TO SERVE AS A TEMPORARY SEDIMENT BASIN, GRADE THE BMP TO WITHIN THREE (3) FEET OF FINAL GRADE TO PROTECT THE UNDERLYING MATERIAL FROM CLOGGING. ONCE CONSTRUCTION IN THE CONTRIBUTING DRAINAGE AREA HAS BEEN COMPLETED AND THE SITE IS STABILIZED, EXCAVATE THE BASIN TO FINAL GRADE AND COMPLETE CONSTRUCTION OF THE BMP.
4. GRADING OF THE BASIN SHALL BE ACCOMPLISHED USING LOW-IMPACT EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF THE UNDERLYING SOILS. SMALL TRACKED DOZERS AND BOBCATS WITH RUNNER TRACKS ARE RECOMMENDED.
5. EXCAVATE THE BASIN TO THE SPECIFIED DEPTH (ELEVATION). IT IS RECOMMENDED THAT ALL SUB MATERIAL BELOW THE SPECIFIED ELEVATION SHALL BE LEFT UNDISTURBED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. GRADE TO THE DEPTH (ELEVATION) SPECIFIED IN THE CONSTRUCTION DOCUMENTS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
7. IN THE EVENT THAT SEDIMENT IS INTRODUCED INTO THE BMP DURING OR IMMEDIATELY FOLLOWING EXCAVATION, THIS MATERIAL WILL NEED TO BE REMOVED FROM THE BASIN PRIOR TO INITIATING THE NEXT STEP IN THE CONSTRUCTION PROCESS. SEDIMENT THAT HAS BEEN WASHED INTO THE BASIN DURING THE EXCAVATION PROCESS CAN SEAL THE PERMEABLE MATERIAL, SIGNIFICANTLY REDUCING THE INFILTRATION CAPACITY OF THE SOILS.
8. SEEDING AND INSTALLATION OF EROSION CONTROL BLANKET IF REQUIRED SHALL BE COMPLETED WITHIN 48 HOURS OF FINAL GRADING.
9. AREA SHALL BE STAKED OFF DURING CONSTRUCTION TO RESTRICT HEAVY EQUIPMENT TRAFFIC FROM COMPACTING NATIVE SOILS.

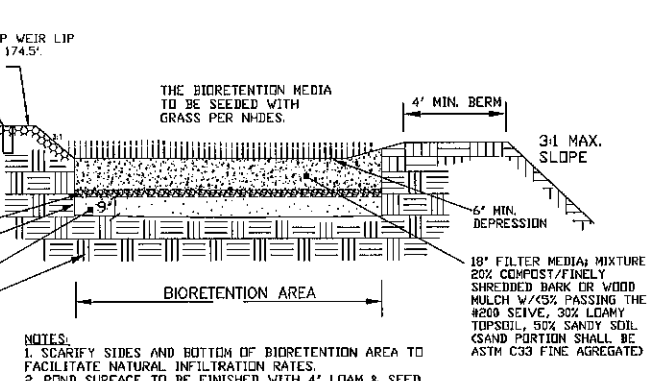
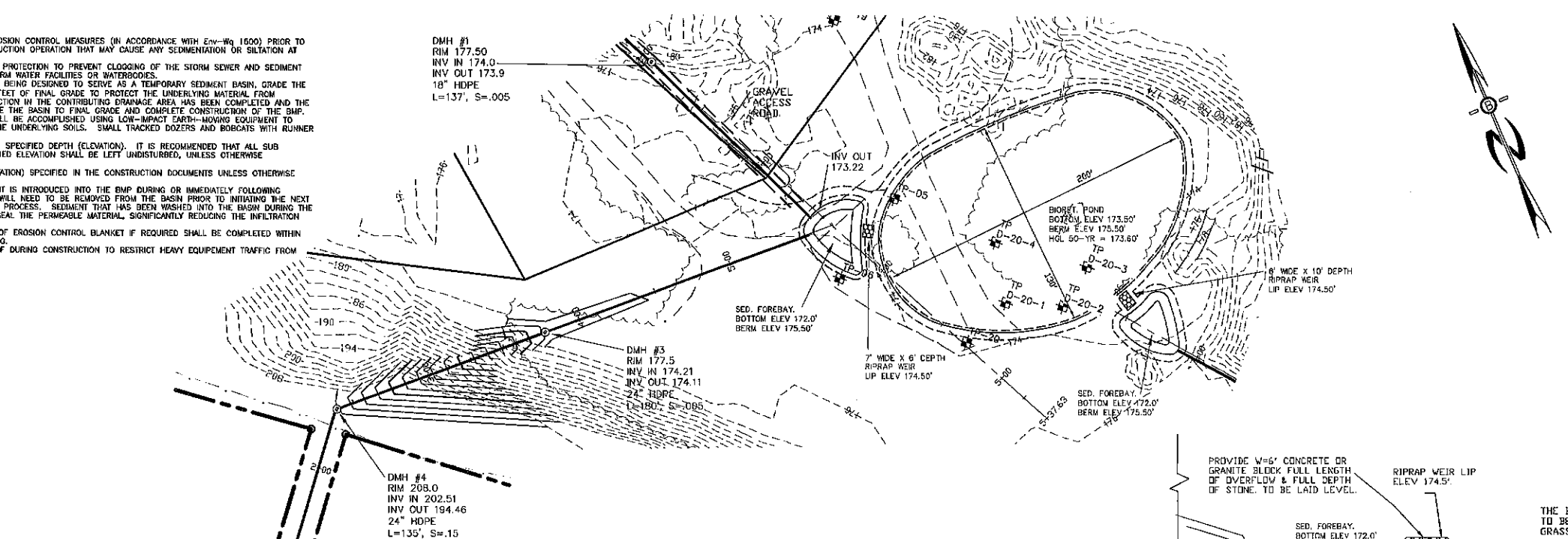
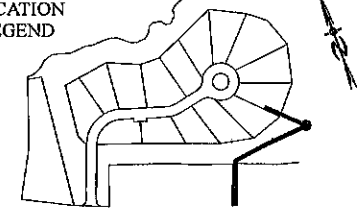
PREPARED FOR:

**JOSEPH FALZONE**  
7B EMERY LANE  
STRATHAM, N.H. 03885



70 PORTSMOUTH AVE.  
THIRD FLOOR, SUITE 2  
STRATHAM, N.H. 03885  
PHONE: 603-583-4860,  
FAX: 603-583-4863

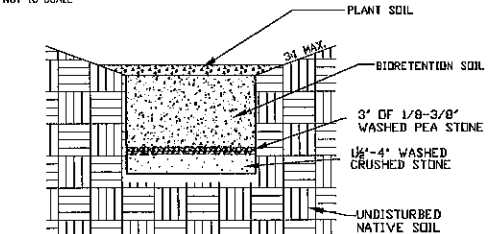
LOCATION  
LEGEND



- NOTES:**
1. SCARIFY SIDES AND BOTTOM OF BIORETENTION AREA TO FACILITATE NATURAL INFILTRATION RATES.
  2. POND SURFACE TO BE FINISHED WITH 4\"/>

**BIORETENTION POND PROFILE DETAIL**

NOT TO SCALE



**BIORETENTION SECTION**

NOT TO SCALE

**PROFILE SCALES:**

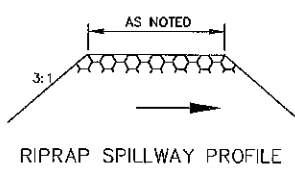
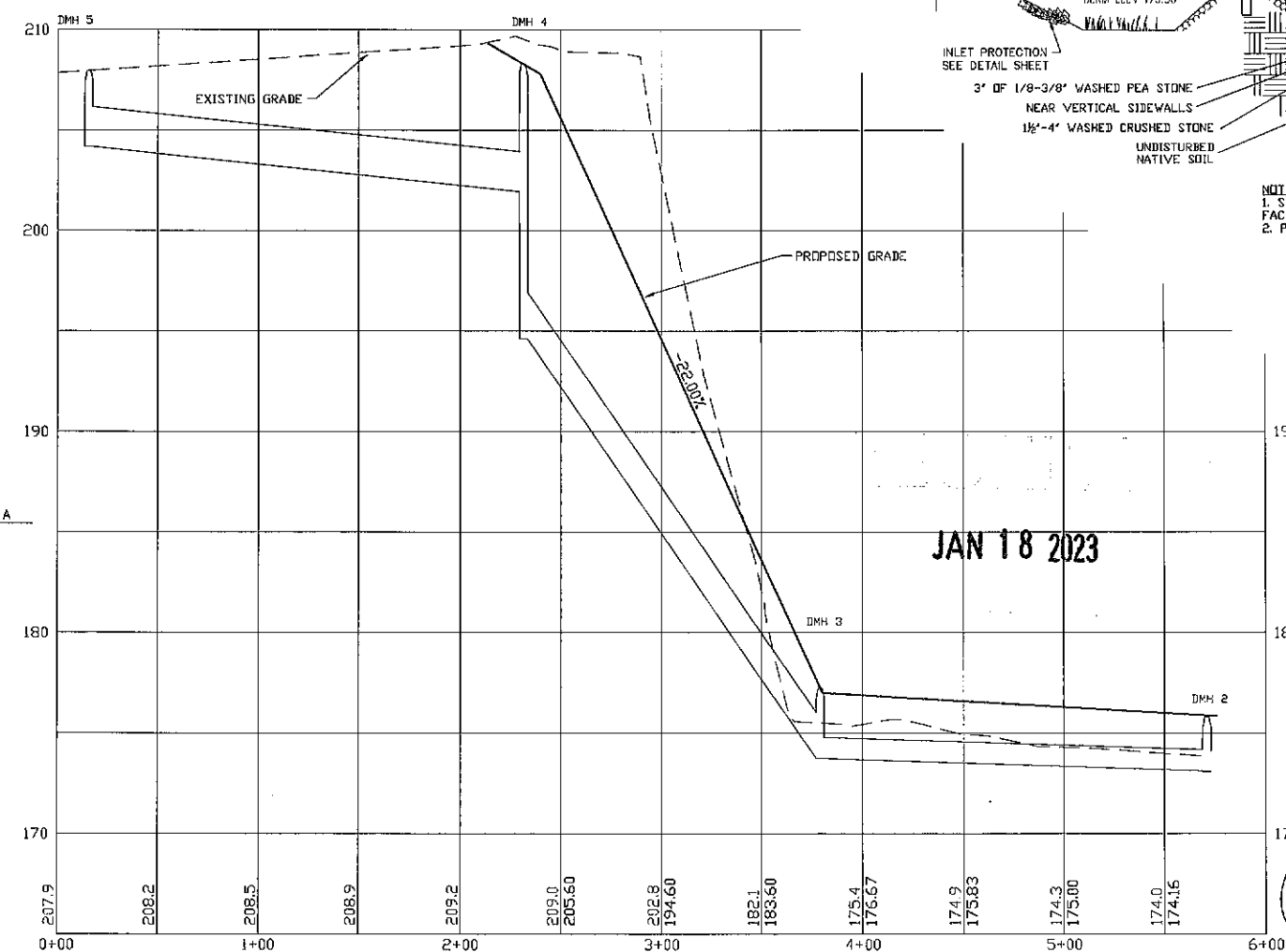
HORIZONTAL: 1"=40' VERTICAL: 1"=4'

REVISED PER REVIEW COMMENTS	1-17-23
-----------------------------	---------

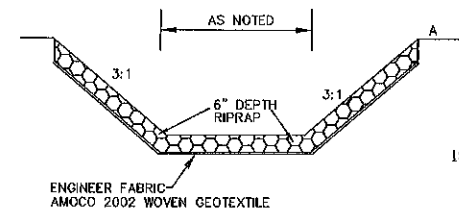
**PLAN & PROFILE - P3**

PLAN FOR:  
RESIDENTIAL DEVELOPMENT  
MALLEGRO ROAD  
BARRINGTON, NH

DATE:	NOV 2022	SCALE:	1"=40'
PROJ. NO.:	NH-1443	SHEET NO.:	17

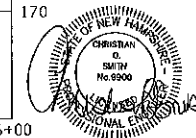


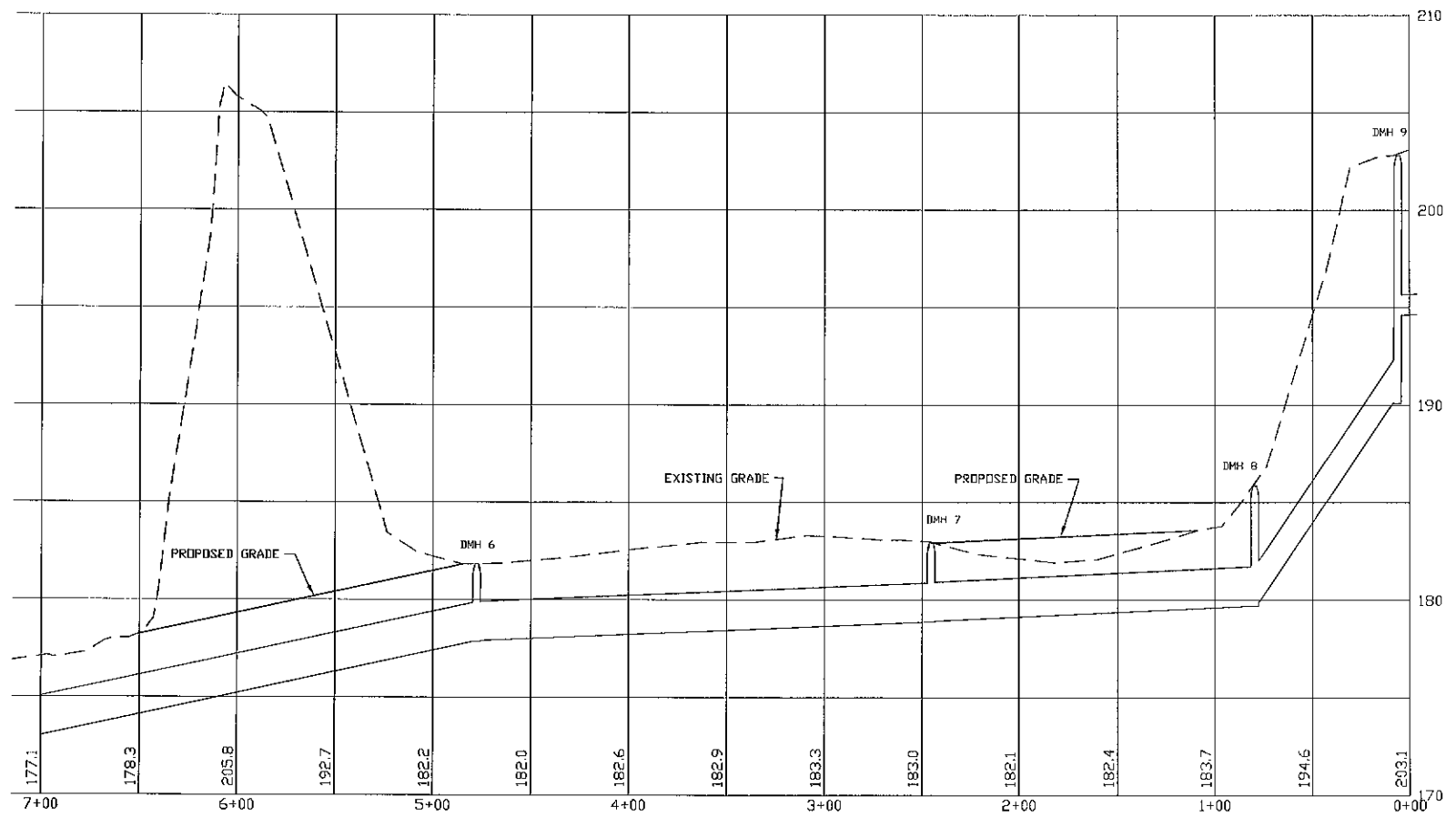
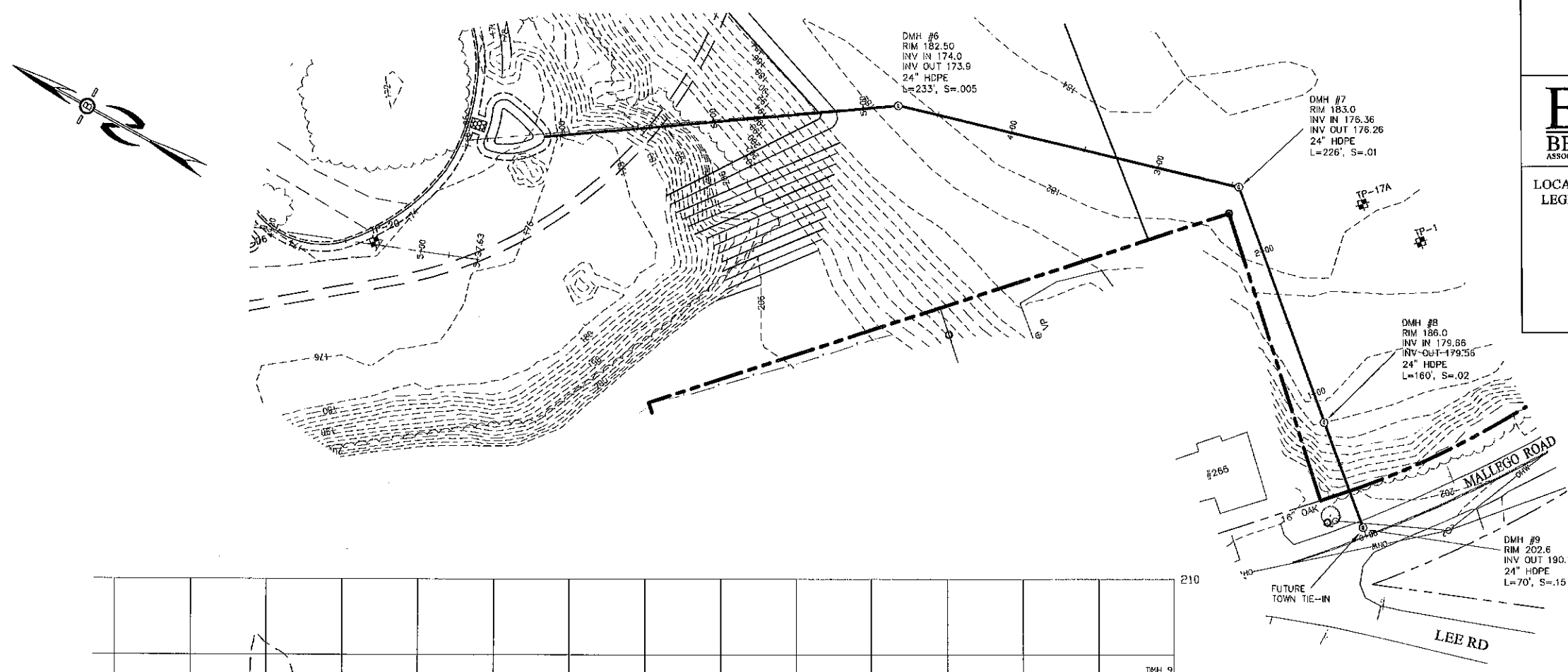
RIPRAP SPILLWAY PROFILE



RIPRAP SPILLWAY DETAILS  
WHERE SPECIFIED

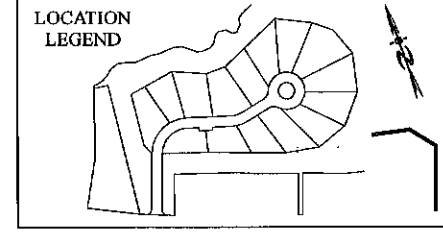
sieve Designation	Percent by Weight Passing Square Mesh Sieve
12-inch	100%
6-inch	84% - 100%
3-inch	68% - 83%
1-inch	42% - 55%
No. 4	8% - 12%





PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
 STRATHAM, N.H. 03885

**BA BEALS** ASSOCIATES, PLLC  
 70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860,  
 FAX: 603-583-4863



JAN 18 2023

PROFILE SCALES:  
 HORIZONTAL: 1"=40' VERTICAL: 1"=4'

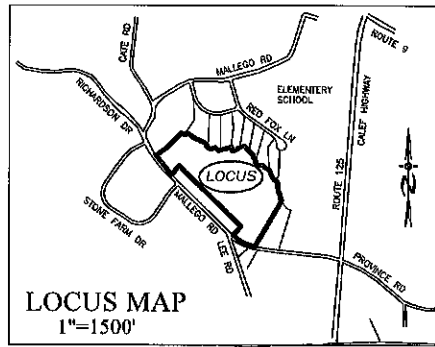
REVISIONS	
REVISED PER REVIEW COMMENTS	1-17-23

**PLAN & PROFILE - P4**

PLAN FOR:  
 RESIDENTIAL DEVELOPMENT  
 MALLEGO ROAD  
 BARRINGTON, NH

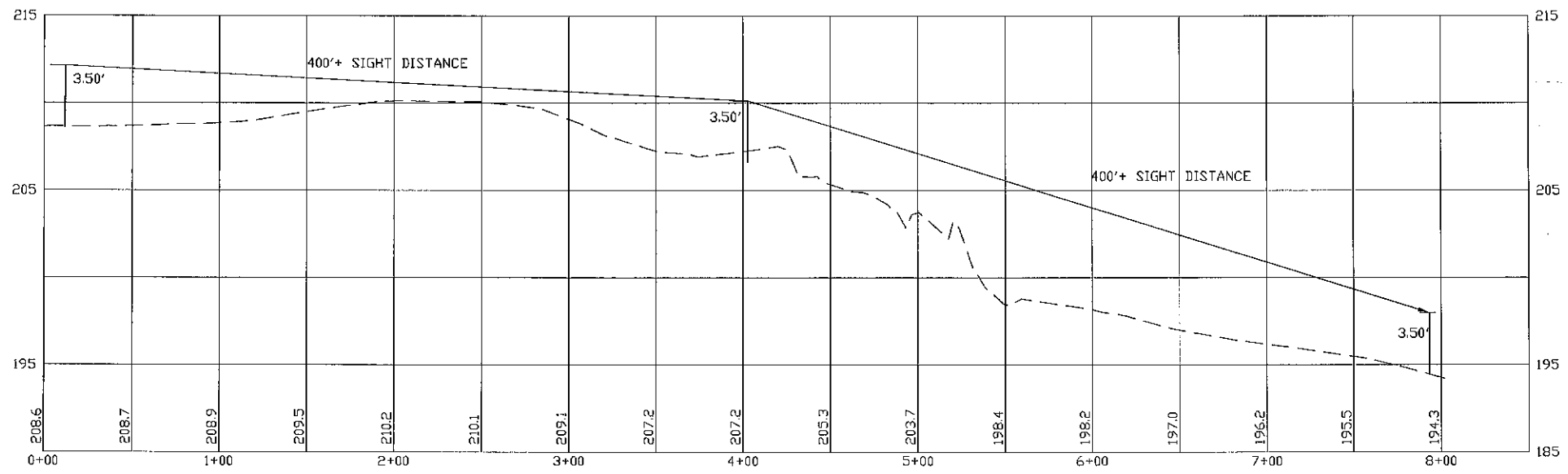
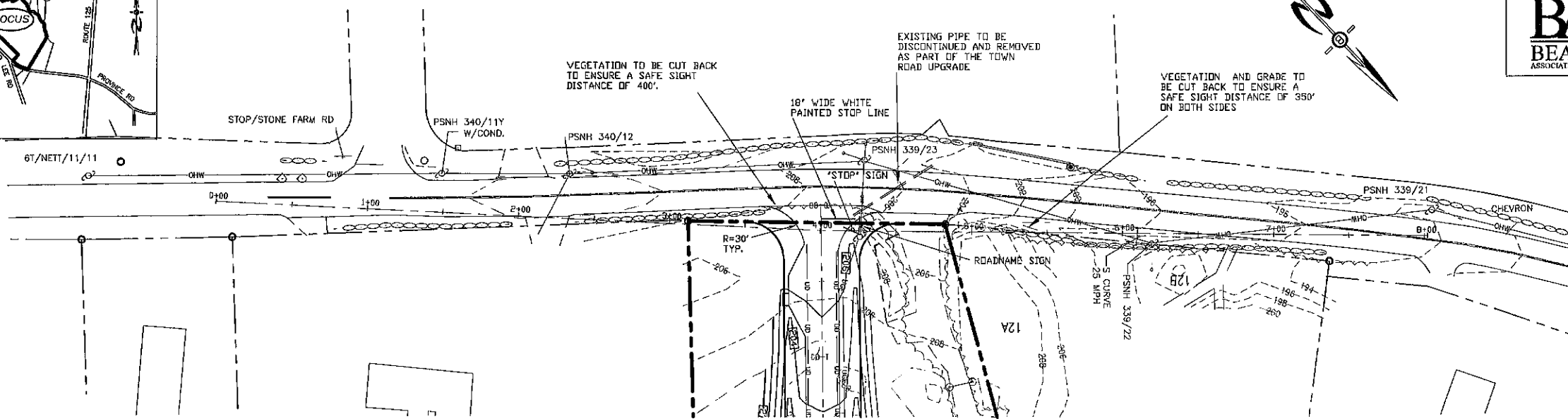
DATE:	NOV 2022	SCALE:	1" = 40'
PROJ. NO:	NH-1443	SHEET NO.:	18





PREPARED FOR:  
**JOSEPH FALZONE**  
7B EMERY LANE  
STRATHAM, N.H. 03885

**BA BEALS**  
ASSOCIATES, PLLC  
70 PORTSMOUTH AVE,  
THIRD FLOOR, SUITE 2  
STRATHAM, N.H. 03885  
PHONE: 603-583-4860,  
FAX: 603-583-4863



JAN 18 2023



**HIGHWAY ACCESS PLAN-H1**

PLAN FOR:  
RESIDENTIAL DEVELOPMENT  
MALLEGO ROAD  
BARRINGTON, NH

DATE: NOV 2022 SCALE: 1" = 50'  
PROJ. NO: NH-1443 SHEET NO. 19

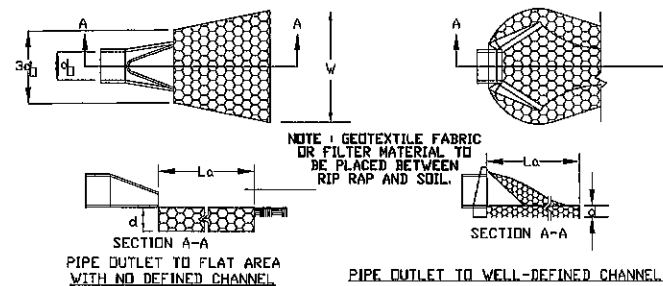
**NOTES**

1. ALL ELECTRICAL, TELEPHONE, CABLE TELEVISION AND ALARM LINES TO BE UNDERGROUND. LOW PROFILE UTILITY BOX STRUCTURES SHALL BE USED TO THE GREATEST EXTENT.
2. ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR, ENGINEER TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY.
3. ALL CONSTRUCTION METHODS AND MATERIALS WILL CONFORM TO THE TOWN OF BARRINGTON STANDARD SPECIFICATIONS AND TO N.H.D.O.T. STANDARDS AND REGULATIONS.

**PROFILE SCALES:**  
HORIZONTAL: 1"=40' VERTICAL: 1"=4'

REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:

TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES					
THICKNESS OF RIP RAP = 112 FEET					
ø50 SIZE=	0.50	FEET	6	INCHES	
% OF WEIGHT SMALLER THAN THE GIVEN ø50 SIZE	SIZE OF STONE (INCHES) TO				
100%	9	12			
85%	8	11			
50%	6	9			
15%	2	3			



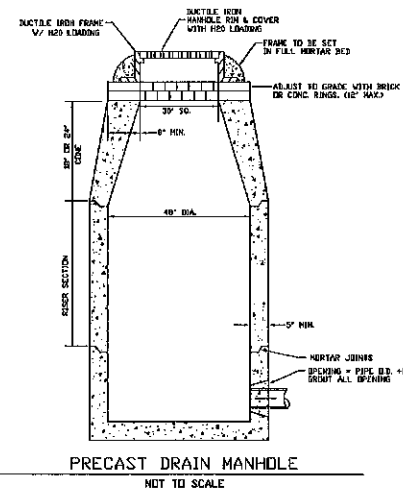
**CONSTRUCTION SPECIFICATIONS**

1. THE SUB GRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC, AND RIP RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
2. THE ROCK OR GRAVEL USED FOR FILTER OF RIP RAP SHALL CONFORM TO THE SPECIFIED GRADATION. 3. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP RAP. DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
4. STONE FOR THE RIP RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.
5. STONE FOR RIPRAP SHALL BE ANGULAR OR SUBANGULAR. THE STONES SHOULD BE SHAPED SO THAT THE LEAST DIMENSION OF THE STONE FRAGMENT SHALL BE NOT LESS THAN ONE-THIRD OF THE GREATEST DIMENSION OF THE FRAGMENT.
6. FLAT ROCKS SHALL NOT USED FOR RIP RAP. VOIDS IN THE ROCK RIPRAP SHOULD BE FILLED WITH SPALLS AND SMALLER ROCKS.

**MAINTENANCE**

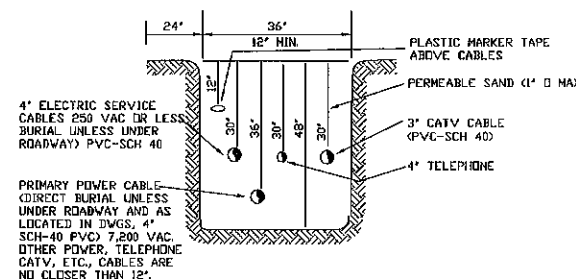
1. THE OUTLET PROTECTION SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM. IF THE RIP RAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED, IT SHOULD BE REPAIRED IMMEDIATELY. THE CHANNEL IMMEDIATELY BELOW THE OUTLET SHOULD BE CHECKED TO SEE THAT EROSION IS NOT OCCURRING. THE DOWNSTREAM CHANNEL SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS, AND SEDIMENT THAT COULD CHANGE FLOW PATTERNS AND/OR TAILWATER DEPTHS ON THE PIPES. REPAIRS MUST BE CARRIED OUT IMMEDIATELY TO AVOID ADDITIONAL DAMAGE TO OUTLET PROTECTION.

**PIPE OUTLET PROTECTION**

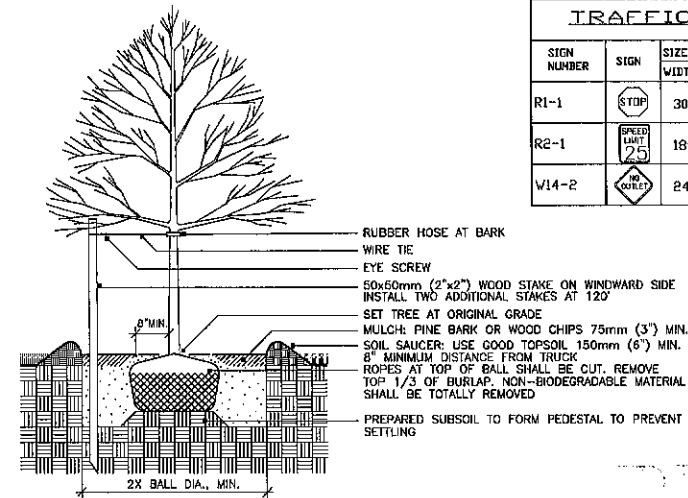


NOTE: ALL UTILITIES SHALL BE REVIEWED AND APPROVED BY APPROPRIATE UTILITY COMPANY.

SERVICE BOX CONNECTIONS SHALL BE 'FLUSH MOUNT' TO GREATEST EXTENT POSSIBLE AND LOCATED AT PROPERTY LINE CORNERS.



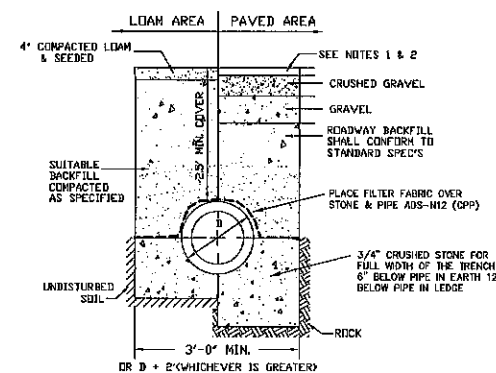
**UTILITY TRENCH DETAIL**



**DECIDUOUS TREE PLANTING WITH STAKE AND WIRE TIE - HEAVY DUTY**

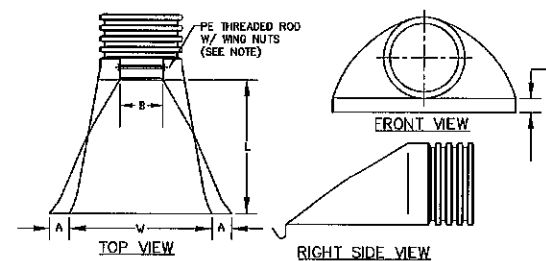
NOTE: STAKING TO BE USED IN PARKING ISLANDS AND OTHER CONFINED AREAS AS NECESSARY TO AVOID CONFLICTS WITH PEDESTRIANS

TRAFFIC CONTROL SCHEDULE					
SIGN NUMBER	SIGN	SIZE OF SIGN WIDTH HEIGHT	DESCRIPTION	MOUNT TYPE	MOUNT HEIGHT
R1-1	STOP	30" 30"	WHITE ON RED	CHANNEL	7'-0"
R2-1	SPEED LIMIT 25	18" 24"	BLACK ON WHITE	CHANNEL	7'-0"
V14-2	YIELD	24" 24"	BLACK ON YELLOW	CHANNEL	7'-0"



NOTE: 1. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS. 2. NEW ROADWAY CONSTRUCTION SHALL CONFORM TO SUBDIVISION SPEC'S.

**TYPICAL DRAINAGE TRENCH DETAIL**



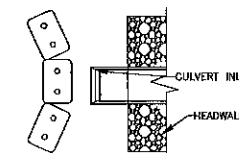
PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1510-NP	15"	6.5"	10"	6.5"	25"	29"
	375 mm	165 mm	254 mm	165 mm	635 mm	735 mm
1810-NP	18"	7.5"	15"	6.5"	32"	35"
	450 mm	190 mm	380 mm	165 mm	812 mm	890 mm
2410-NP	24"	7.5"	18"	6.5"	38"	45"
	600 mm	190 mm	450 mm	165 mm	900 mm	1140 mm
3010-NP	30"	10.5"	N/A	7.0"	53"	68"
	750 mm	268 mm	N/A	178 mm	1345 mm	1725 mm
3610-NP	36"	10.5"	N/A	7.0"	53"	68"
	900 mm	268 mm	N/A	178 mm	1345 mm	1725 mm

NOTE: PE THREADED ROD W/ WING NUTS PROVIDED FOR END SECTIONS 15"-24". 30" & 36" END SECTIONS TO BE WELDED PER MANUFACTURER'S RECOMMENDATIONS.

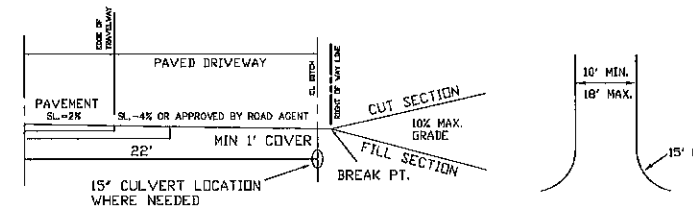
**ADS N-12 FLARED END SECTIONS**  
NOT TO SCALE (ALL DIMENSIONS ARE NOMINAL)

**CONSTRUCTION SPECIFICATIONS FOR STRAW OR HAY BALE BARRIERS**

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED.
3. WHEN HAY BALES ARE USED, THE BALES SHALL BE EMBEDDED AT LEAST 4 INCHES INTO THE SOIL. WHEN TIMBER STRUCTURES ARE USED, THE TIMBER SHALL EXTEND AT LEAST 18 INCHES INTO THE SOIL.
4. HAY OR STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2" X 2" STAKES DRIVEN THROUGH THE BALES AND AT LEAST 18 INCHES INTO THE SOIL.
5. SEEDING, FERTILIZING AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE VEGETATIVE BMP.
6. STRUCTURES SHALL BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS BEEN COMPLETED.

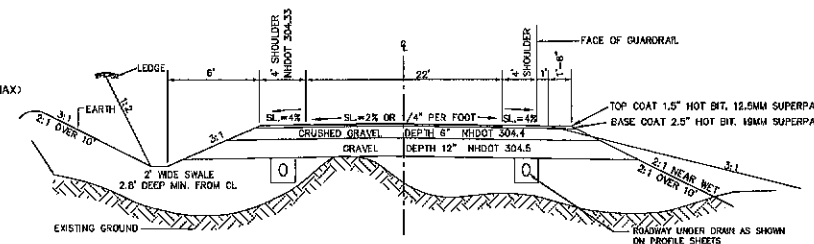


**INLET PROTECTION**  
NORMAL USE AT CULVERT INLETS  
NOT TO SCALE



NOTE: ALL DRIVEWAYS NOT COMPLETELY CONSTRUCTED WITH CULVERT INSTALLED PRIOR TO LOT DEVELOPEMENT WILL REQUIRE A STONED CONSTRUCTION ENTRANCE AND BE BONDED PER TOWN ROAD AGENT.

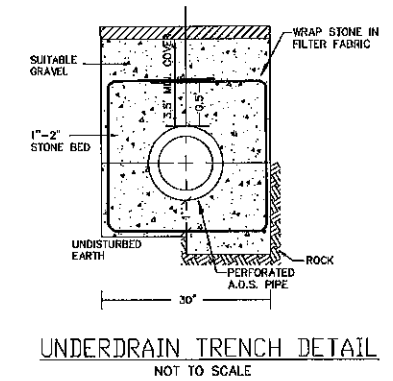
**TYPICAL RURAL DRIVEWAY - CROSS SECTION**  
NOT TO SCALE



NOTE: ALL DISTURBED AREAS TO HAVE 4" MIN. LDM & SEED. GRAVEL DEPTHS MAY NEED TO BE INCREASED IN AREAS OF POOR SOILS. GRAVEL MAY BE PLACED AT 15' LIFTS. COMPACTION SHALL BE PERFORMED UNTIL 95% OF MAXIMUM DRY DENSITY IS ACHIEVED IN ACCORDANCE WITH AASHTO 199 PER TOWN REGS. ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE ROADBED PER TOWN REGULATIONS.

**TYPICAL CROSS SECTION**  
NOT TO SCALE

JAN 18 2023



**UNDERDRAIN TRENCH DETAIL**  
NOT TO SCALE



NOTE: CONSTRUCTION DETAILS TO CONFORM WITH NHDOT STANDARDS & SPECIFICATIONS FOR ROADS & BRIDGES, TOWN OF BARRINGTON HIGHWAY DEPARTMENT REQUIREMENTS, AND SUBDIVISION REGULATIONS

REVISIONS	
REVISED PER REVIEW COMMENTS	1-17-23
DATE:	

**CONSTRUCTION DETAILS D1**

PLAN FOR:  
RESIDENTIAL DEVELOPMENT  
MALLEGO ROAD  
BARRINGTON, NH

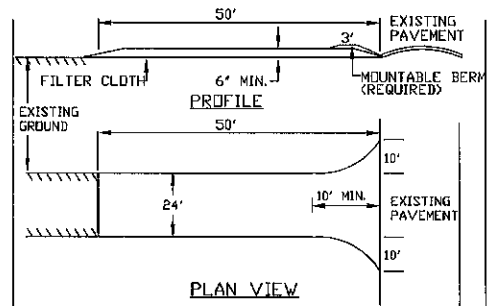
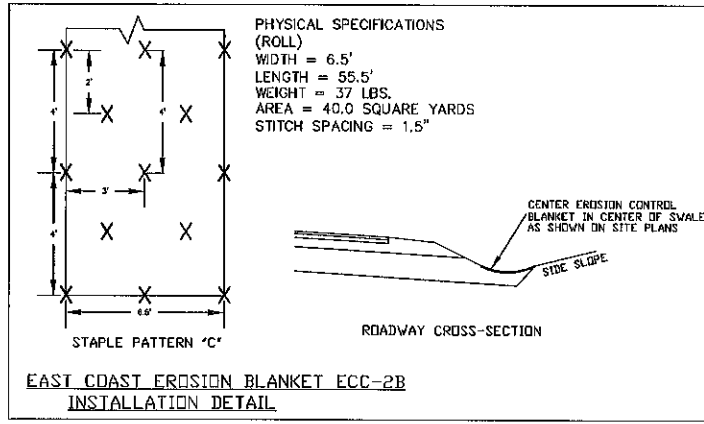
DATE:	NOV 2022	SCALE:	NTS'
PROJ. NO:	NH-1443	SHEET NO.:	20



PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
 STRATHAM, N.H. 03885

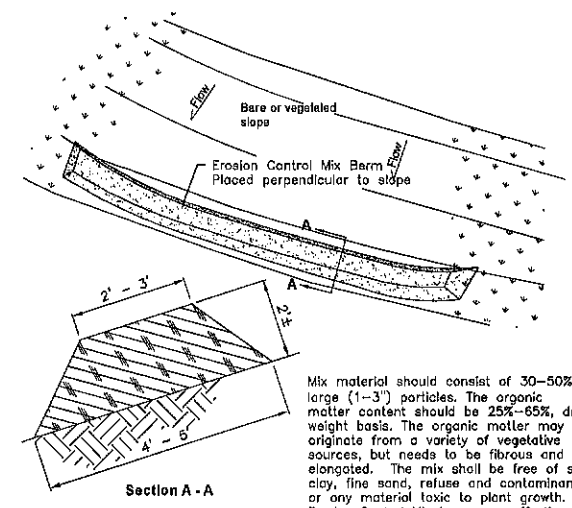
**BA BEALS**  
 ASSOCIATES, PLLC

70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860,  
 FAX: 603-583-4863



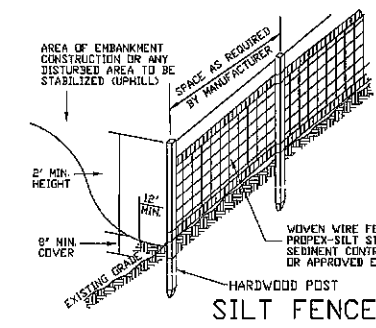
1. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.
5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENCE LOT.
6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

**STABILIZED CONSTRUCTION ENTRANCE**



Mix material should consist of 30-50% large (1-3") particles. The organic matter content should be 25%-65%, dry weight basis. The organic matter may originate from a variety of vegetative sources, but needs to be fibrous and elongated. The mix shall be free of silt, clay, fine sand, refuse and contaminants or any material toxic to plant growth. Erosion Control Mix berms are effective filters for overland flow conditions and should not be used to filter concentrated flow such as that found in drainage ditches, streams, etc.

**Erosion Control Mix Berm**



- CONSTRUCTION SPECIFICATIONS**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8". THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.
  4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF.
  5. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
  6. SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.

- MAINTENANCE**
1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
  2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
  3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.
  4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

**SEEDING GUIDE**

USE	SEEDING MIXTURE 1/	BROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BARRIERS AND BROADWAY AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	EXCELLENT	EXCELLENT
	C	FAIR	GOOD	EXCELLENT	EXCELLENT
	D	FAIR	EXCELLENT	EXCELLENT	EXCELLENT
	E	FAIR	EXCELLENT	EXCELLENT	EXCELLENT
WATERWAYS, EMERGENCY SPILLWAYS AND OTHER CHANNELS WITH FLOWING WATER	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	EXCELLENT	EXCELLENT	EXCELLENT
LIGHTLY USED PARKING LOTS, OLD AREAS AND RECREATION SITES	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	EXCELLENT	EXCELLENT	EXCELLENT
PLAY AREAS AND ATHLETIC FIELDS (TOPSOIL IS ESSENTIAL FOR GOOD TURF)	F	FAIR	EXCELLENT	EXCELLENT	EXCELLENT
	G	FAIR	EXCELLENT	EXCELLENT	EXCELLENT

NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR DATS AT A RATE OF 2.5 LBS. PER 1000 S.F. AND SHALL BE PLACED PRIOR TO OCT. 15, IF PERMANENT SEEDING NOT YET COMPLETE.

JAN 18 2023  
 LAND USE

**SEEDING RATES**

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
A. TALL FESCUE	80	0.45
CREeping RED FESCUE	20	0.45
RED TOP	40	0.05
TOTAL	140	0.95
B. TALL FESCUE	85	0.35
CREeping RED FESCUE	15	0.25
CROWN VETCH	15	0.35
OR FLAT PEA	20	0.25
TOTAL	135	0.95
C. TALL FESCUE	80	0.45
CREeping RED FESCUE	20	0.45
BIRDS FOOT TREFLOIL	10	0.20
TOTAL	110	1.10
D. TALL FESCUE	80	0.45
FLAT PEA	30	0.25
TOTAL	110	1.00
E. CREeping RED FESCUE	90	1.15
KENTUCKY BLUEGRASS	30	1.15
TOTAL	120	2.30
F. TALL FESCUE 1	150	3.60

1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

REVISIONS: \_\_\_\_\_ DATE: \_\_\_\_\_

**EROSION & SEDIMENTATION**

PLAN FOR:  
**RESIDENTIAL DEVELOPMENT**  
 MALLEGO ROAD  
 BARRINGTON, NH

DATE:	NOV 2022	SCALE	NTS
PROJ. NO.:	NH-1443	SHEET NO.	22

**TEMPORARY EROSION CONTROL MEASURES**

1. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT NO MORE THAN 5 ACRES OF LAND SHALL BE EXPOSED BEFORE DISTURBED AREAS ARE STABILIZED.
2. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED OR DIRECTED BY THE ENGINEER. ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS.
3. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN 1.10 POUNDS OF SEED PER 1000 SQUARE FEET OF AREA (48 POUNDS PER ACRE) SEE SPECIFICATIONS THIS SHEET.
4. SILT FENCES AND OTHER EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT GREATER THAN 0.5" DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
5. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
6. AREAS MUST BE SEEDED AND MULCHED WITHIN 3 DAYS OF FINAL GRADING, PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF SOIL.
7. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
  - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
  - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED.
  - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS RIPRAP HAS BEEN INSTALLED.
  - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

**CONSTRUCTION SPECIFICATIONS**

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED.
3. WHEN TIMBER STRUCTURES ARE USED, THE TIMBER SHALL EXTEND AT LEAST 18" INTO THE SOIL.
4. STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2" X 2" STAKES DRIVEN THROUGH THE BALES AND AT LEAST 16 INCHES IN TO THE SOIL.
5. SEEDING, FERTILIZING, AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATED VEGETATIVE BMP.
6. STRUCTURES SHALL BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS BEEN COMPLETED.
7. THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL TAKE PRECAUTIONS AND INSTRUCTIONS FROM THE PLANNING DEPARTMENT IN ORDER TO PREVENT, ABATE AND CONTROL THE EMISSION OF FUGITIVE DUST INCLUDING BUT NOT LIMITED TO WETTING, COVERING, SHIELDING, OR VACUUMING.
8. THE NH COMMISSIONER OF AGRICULTURE PROHIBITS THE COLLECTION, POSSESSION, IMPORTATION, TRANSPORTATION, SALE, PROPAGATION, TRANSPLANTATION, OR CULTIVATION OF PLANTS BANNED BY NH LAW RSA 430:53 AND NH CODE ADMINISTRATIVE RULES AGR 3800. THE PROJECT SHALL MEET ALL REQUIREMENTS AND THE INTENT OF RSA 430:53 AND AGR 3800 RELATIVE TO INVASIVE SPECIES.
9. THE CONSTRUCTION SITE OPERATOR AND OWNER SHALL SUBMIT A NOTICE OF INTENT (NOI) TO USEPA, WASHINGTON, DC, STORMWATER NOTICE PROCESSING CENTER AT LEAST FOURTEEN DAYS PRIOR TO COMMENCEMENT OF WORK ON SITE. EPA WILL POST THE NOI AT <http://efpubl.epa.gov/npdes/stormwater/nol/noisearch.cfm>. AUTHORIZATION IS GRANTED UNDER THE PERMIT ONCE THE NOI IS SHOWN IN "ACTIVE STATUS".

**CONSTRUCTION SEQUENCE**

1. CUT AND REMOVE TREES IN CONSTRUCTION AREAS AS REQUIRED OR DIRECTED.
2. CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT SEDIMENT EROSION AND DETENTION CONTROL FACILITIES AS REQUIRED. EROSION, SEDIMENT AND DETENTION CONTROL FACILITIES SHALL BE INSTALLED AND STABILIZED PRIOR TO ANY EARTH MOVING OPERATION AND PRIOR TO DIRECTING RUNOFF TO THEM. RUNOFF MUST BE DIRECTED TO TEMPORARY PRACTICES UNTIL STORMWATER BMP'S ARE STABILIZED.
3. CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. STUMPS AND DEBRIS ARE TO BE REMOVED FROM SITE AND DISPOSED OF PER STATE AND LOCAL REGULATIONS.
4. EXCAVATE AND STOCKPILE TOPSOIL /LOAM. ALL AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
5. CONSTRUCT TEMPORARY CULVERTS AS REQUIRED OR DIRECTED.
6. CONSTRUCT THE ROADWAY/DRIVEWAYS AND ITS ASSOCIATED DRAINAGE STRUCTURES. ALL ROADWAYS, PARKING AREAS, AND CUT/FILL SLOPES SHALL BE STABILIZED AND/OR LOAMED AND SEEDED WITHIN 72-HOURS OF ACHIEVING FINISH GRADE AS APPLICABLE.
7. INSTALL FIRE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. ALL DISTURBED AREAS SHALL STABILIZED IMMEDIATELY AFTER GRADING.
8. BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEED OR MULCHED AS REQUIRED, OR DIRECTED.
9. DAILY OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE CHECK DAMS, DITCHES, SEDIMENT TRAPS, ETC. TO PREVENT EROSION ON THE SITE AND PREVENT ANY SITUATION OF ABUTTING WATERS OR PROPERTY.
10. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION
11. COMPLETE PERMANENT SEEDING AND LANDSCAPING
12. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE. SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
13. ALL SWALES AND DRAINAGE STRUCTURES WILL BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUNOFF DIRECTED TO THEM.
14. FINISH PAVING ALL ROADWAYS/DRIVEWAYS.
15. LOT DISTURBANCE OTHER THAN THAT SHOWN ON THE APPROVED PLANS SHALL NOT COMMENCE UNTIL THE ROADWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.

**WINTER MAINTENANCE**

1. ALL DISTURBED AREAS THAT DO NOT HAVE AT LEAST 85% VEGETATIVE COVERAGE PRIOR TO OCTOBER 15TH, SHALL BE STABILIZED BY APPLYING MULCH AT A RATE OF 3-4 TONS PER ACRE. ALL SIDE SLOPES, STEEPER THAN 4:1, THAT ARE NOT DIRECTED TO SWALES OR DETENTION BASINS, SHALL BE LINED WITH BIODEGRADABLE/PHOTODEGRADABLE "JUTE MATTING" (EXCELSIOR'S CURLEX II OR EQUAL). ALL OTHER SLOPES SHALL BE MULCHED AND TACKED AT A RATE OF 3-4 TONS PER ACRE. THE APPLICATION OF MULCH AND/OR JUTE MATTING SHALL NOT OCCUR OVER EXISTING SNOW COVER. IF THE SITE IS ACTIVE AFTER NOVEMBER 15TH, ANY SNOW THAT ACCUMULATES ON DISTURBED AREAS SHALL BE REMOVED. PRIOR TO SPRING THAW ALL AREAS WILL BE STABILIZED, AS DIRECTED ABOVE.
2. ALL SWALES THAT DO NOT HAVE FULLY ESTABLISHED VEGETATION SHALL BE EITHER LINED WITH TEMPORARY JUTE MATTING OR TEMPORARY STONE CHECK DAMS (APPROPRIATELY SPACED). STONE CHECK DAMS WILL BE MAINTAINED THROUGHOUT THE WINTER MONTHS. IF SWALES ARE TO BE MAINTAINED WITH PERMANENT LINERS OR RIPRAP WITH ENGINEERING FABRIC, THIS SHALL BE COMPLETED PRIOR TO WINTER SHUTDOWN OR AS SOON AS THEY ARE PROPERLY GRADED AND SHAPED.
3. PRIOR TO OCT. 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVEL APPLICATION. IF THESE AREAS ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY CROWNED AND A 3" LAYER OF CRUSHED GRAVEL SHALL BE PLACED AND COMPACTED. THIS WILL ALLOW THE SUBGRADE TO SHED RUNOFF AND WILL REDUCE ROADWAY EROSION. THIS CRUSHED GRAVEL DOES NOT HAVE TO CONFORM TO NH DOT 304.3, BUT SHALL HAVE BETWEEN 15-25% PASSING THE #200 SIEVE AND THE LARGEST STONE SIZE SHALL BE 2". IF THE SITE IS ACTIVE AFTER NOVEMBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
4. AFTER OCTOBER 15TH, THE END OF NEW HAMPSHIRE'S AVERAGE GROWING SEASON, NO ADDITIONAL LOAM SHALL BE SPREAD ON SIDE SLOPES AND SWALES. THE STOCKPILES THAT WILL BE LEFT UNDISTURBED UNTIL SPRING SHALL BE SEED BY THIS DATE. AFTER OCTOBER 15TH, ANY NEW OR DISTURBED PILES SHALL BE MULCHED AT A RATE OF 3-4 TONS PER ACRE. ALL STOCKPILES THAT WILL REMAIN THROUGHOUT THE WINTER SHALL BE SURROUNDED WITH SILT FENCING.

**SEEDING SPECIFICATIONS**

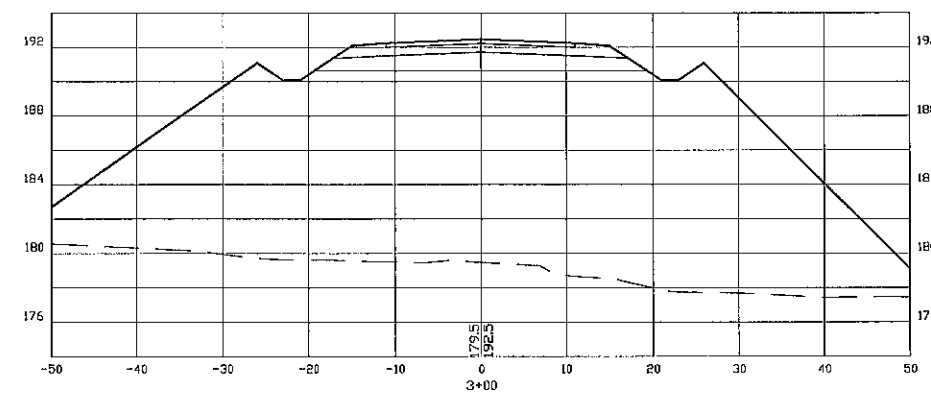
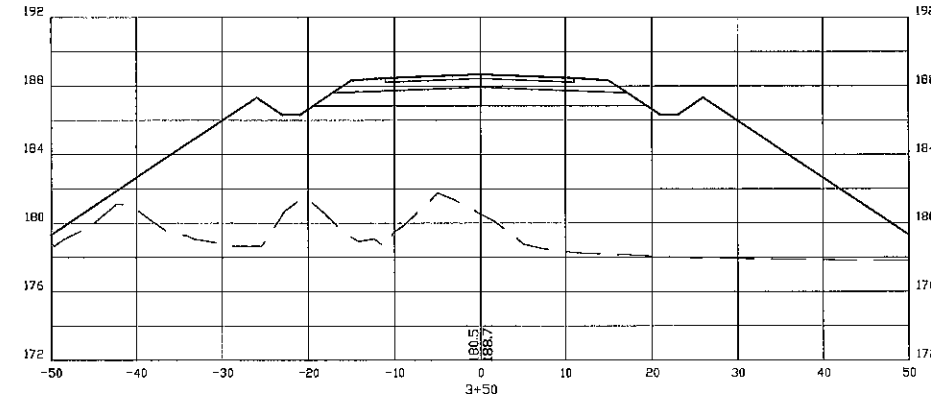
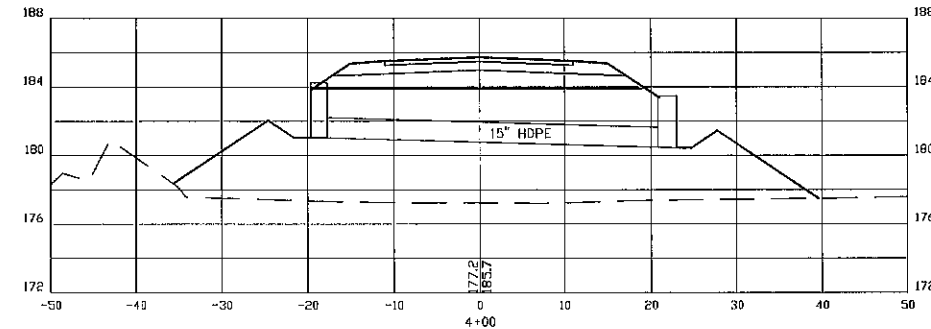
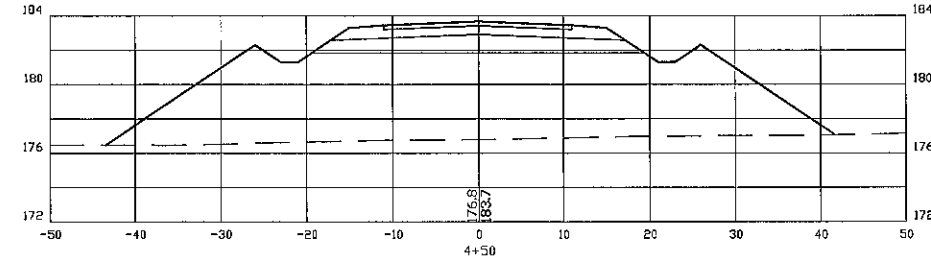
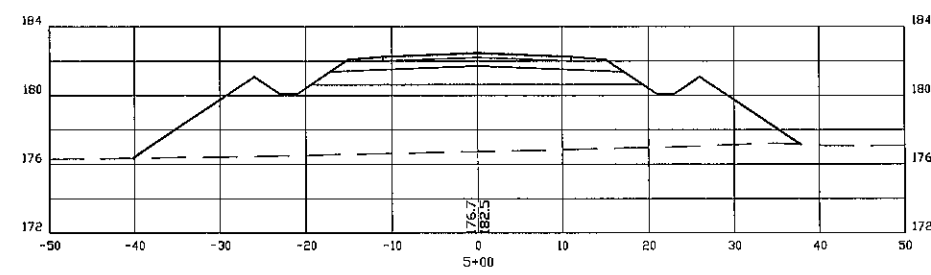
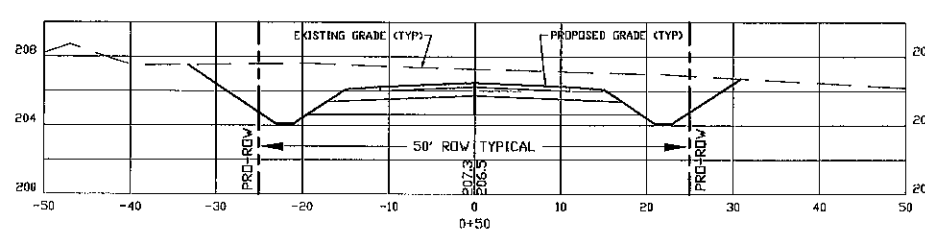
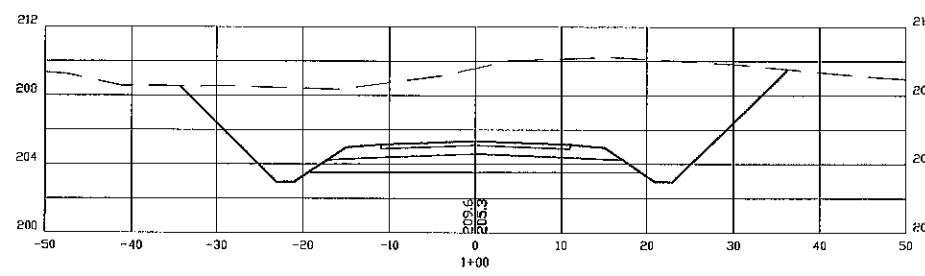
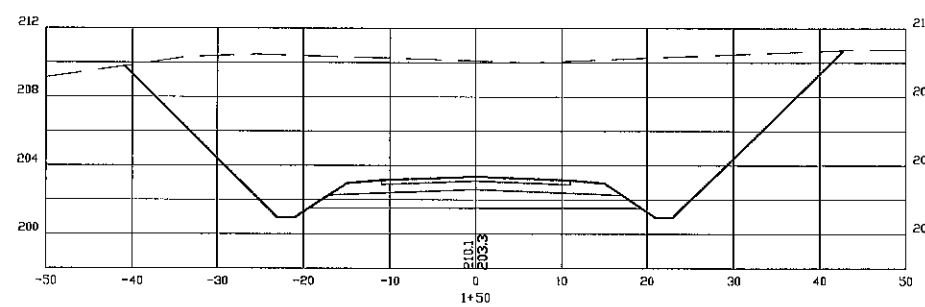
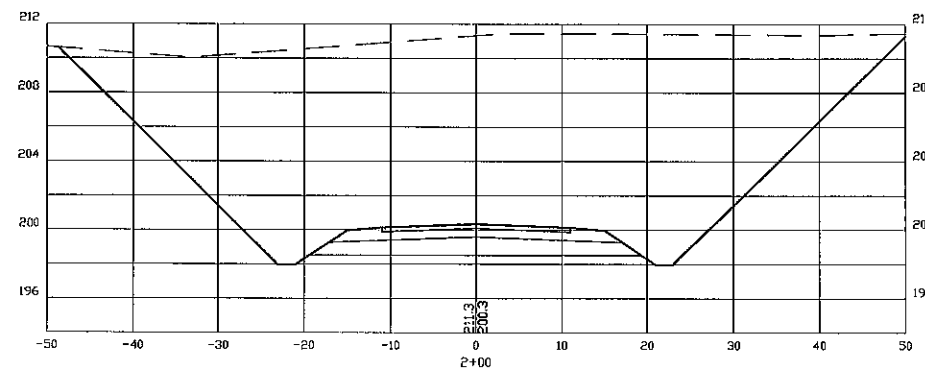
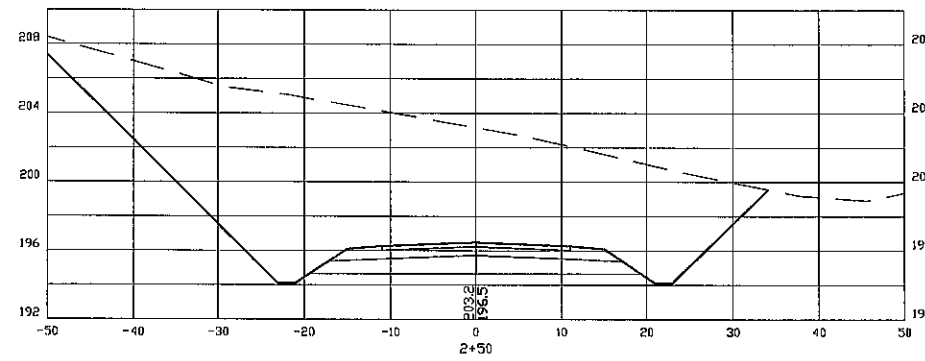
1. GRADING AND SHAPING
  - A. SLOPES SHALL NOT BE STEEPER THAN 2H:3V SLOPES OR FLATTER ARE PREFERRED. WHERE MOWING WILL BE DONE, 3H SLOPES OR FLATTER ARE RECOMMENDED.
2. SEEDBED PREPARATION
  - A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
  - B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
3. ESTABLISHING A STAND
  - A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
    - AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100 LBS PER 1,000 SQ. FT.
    - NITROGEN, 50 LBS PER ACRE OR 1.1 LBS PER 1,000 SQ.FT.
    - PHOSPHATE(P2O5), 100 LBS PER ACRE OR 2.2 LBS PER 1,000 SQ.FT.
    - POTASH(K2O), 100 LBS PER ACRE OR 2.2 LBS PER 1,000 SQ.FT.
 (NOTE: THIS IS THE EQUIVALENT OF 500 LBS PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS PER ACRE OF 5-10-10)
  - B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
  - C. REFER TO TABLE-G-1 (THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE-G-2 (THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWN VETCH, BIRDS FOOT TREFLOIL, AND FLAT PEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
  - D. WHEN SEEDING AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDING AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
4. MULCH
  - A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
  - B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90 LBS PER 1000 SQ. FT.
5. MAINTENANCE TO ESTABLISH A STAND
  - A. PLANTED AREA SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
  - B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIAL STAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
  - C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

PREPARED FOR:

JOSEPH FALZONE  
7B EMERY LANE  
STRATHAM, N.H. 03885



70 PORTSMOUTH AVE.,  
THIRD FLOOR, SUITE 2  
STRATHAM, N.H. 03885  
PHONE: 603-583-4860,  
FAX: 603-583-4863



RECEIVED  
JAN 18 2023  
PLANNING USE OFFICE



CROSS SECTION SCALES:  
HORIZONTAL: 1"=10' VERTICAL: 1"=5'

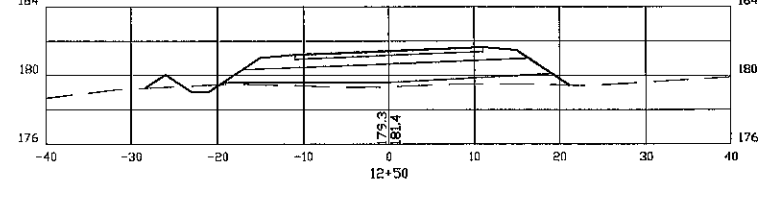
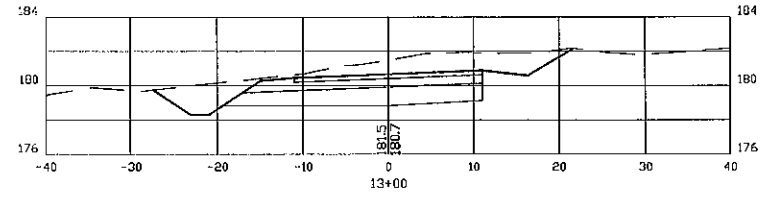
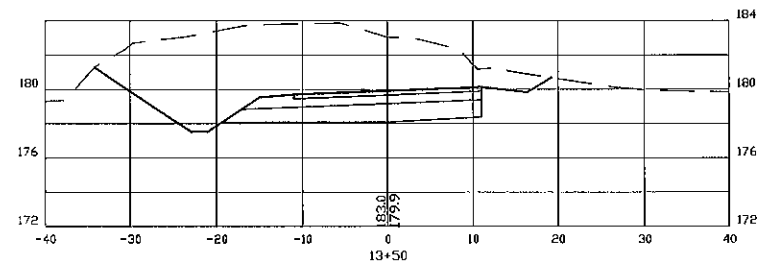
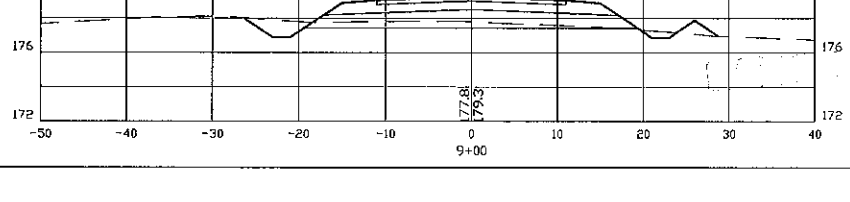
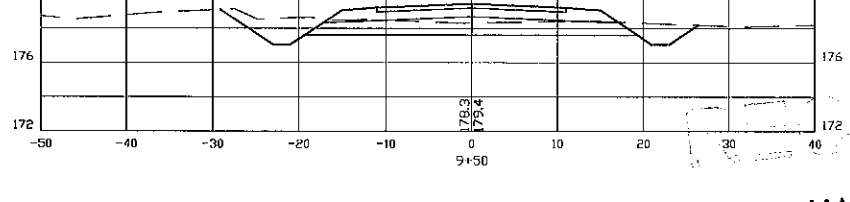
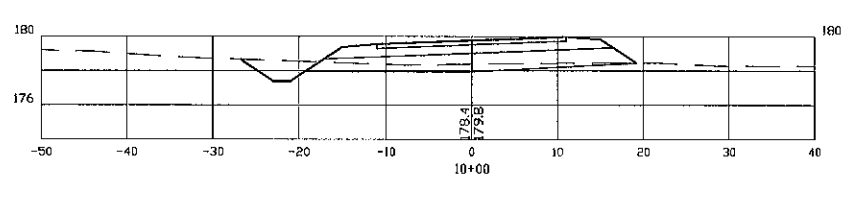
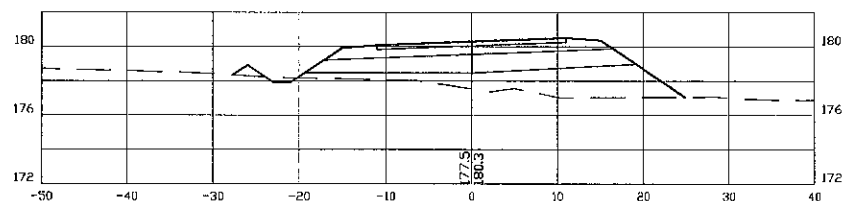
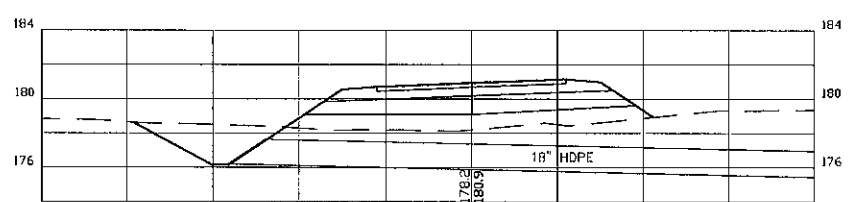
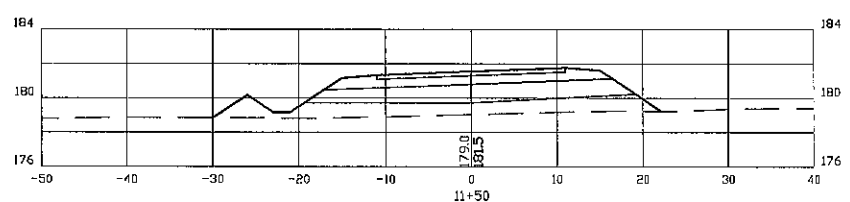
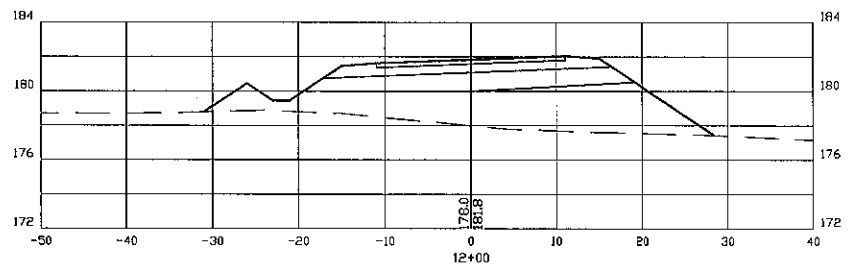
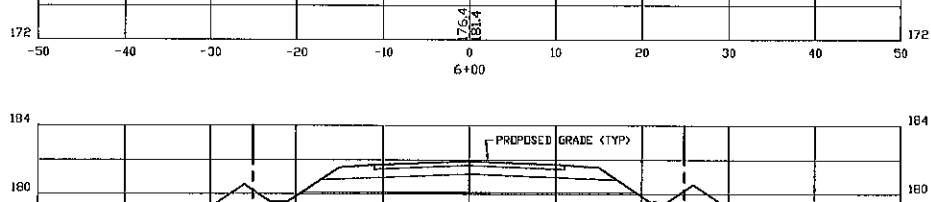
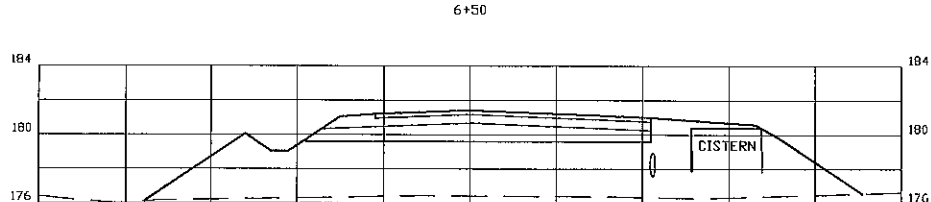
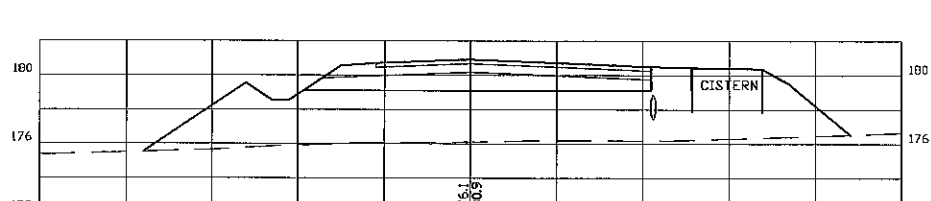
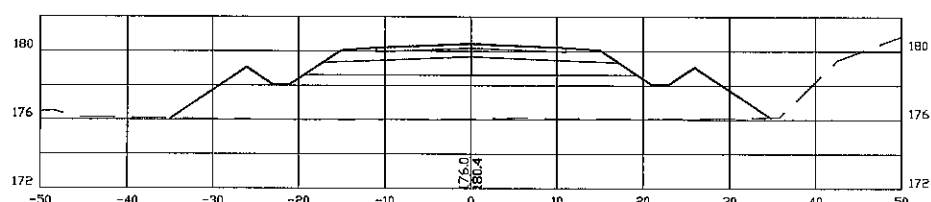
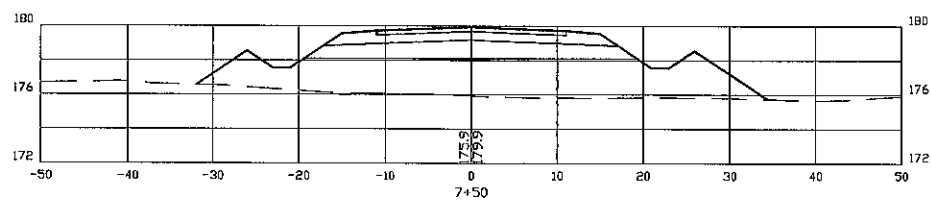
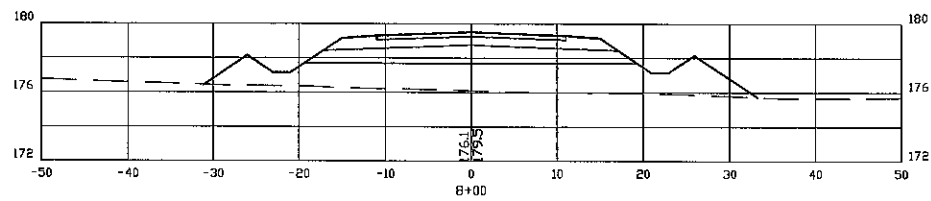
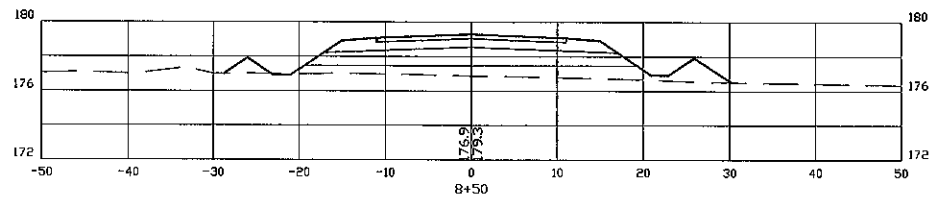
REVISIONS:		DATE:
<b>ROAD CROSS SECTIONS XI</b>		
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGRO ROAD BARRINGTON, NH		
DATE:	NOV 2022	SCALE: 1" = 10'
PROJ. NO:	NH-1443	SHT NO. 23



PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
 STRATHAM, N.H. 03885



70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860,  
 FAX: 603-583-4863



CROSS SECTION SCALES:  
 HORIZONTAL: 1"=10' VERTICAL: 1"=5'

REVISIONS:	DATE:

**ROAD CROSS SECTIONS X2**

PLAN FOR:  
 RESIDENTIAL DEVELOPMENT  
 MALLEGO ROAD  
 BARRINGTON, NH

DATE:	NOV 2022	SCALE:	1" = 10'
PROJ. NO.:	NH-1443	SHEET NO.:	24

JAN 18 2023

