

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

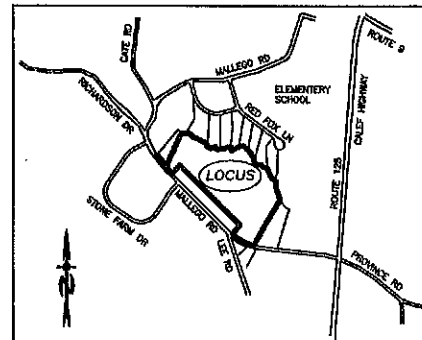
**RECORD OWNERS:**

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

**APPLICANT:**

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

*Joseph Falzone*  
SIGNATURE DATE 6/7/2023



LOCATION MAP  
1"=1500'

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PLANNING BOARD APPROVAL BLOCK  
BARRINGTON, NH

**- APPROVED -**

File Number **239-35-V-22-175UB**

Date **6/29/2023**

Chairman *[Signature]*

**Env-Wq 1504.18 Wildlife Protection Notes.**

- (1) All observations of threatened or endangered species on the project site shall be reported immediately to the NHF&G nongame and endangered wildlife environmental review program by phone at 603-271-2461 and by email at [NHFReview@wildlife.nh.gov](mailto:NHFReview@wildlife.nh.gov), with the email subject line containing the NHB DataCheck tool results letter assigned number, the project name, and the term Wildlife Species Observation;
- (2) Photographs of the observed species and nearby elements of habitat or areas of land disturbance shall be provided to NHF&G in digital format at the above email address for verification, as feasible;
- (3) In the event a threatened or endangered species is observed on the project site during the term of the permit, the species shall not be disturbed, handled, or harmed in any way prior to consultation with NHF&G and implementation of corrective actions recommended by NHF&G, if any, to assure the project does not appreciably jeopardize the continued existence of threatened and endangered species as defined in Fts 1002.04; and
- (4) The NHF&G, including its employees and authorized agents, shall have access to the property during the term of the permit.

**PLAN SET LEGEND**

UTILITY POLE		OVERHEAD ELEC. LINE		OHE	
DRAIN MANHOLE		UNDERGROUND ELEC. LINE		UGE	
EXISTING CATCH BASIN		DRAINAGE LINE			
EXIST. SPOT GRADE		STONE WALL			
SINGLE POST SIGN		TREE LINE			
TEST PIT		ABUT. PROPERTY LINES			
30K 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			

- a) AT THE DECEMBER 8, 2022, PLANNING BOARD MEETING, THE BOARD APPROVED A WAIVER FOR: THE REQUIREMENT OF ROAD DESIGN STANDARDS FOR MAXIMUM ROAD GRADE TO ALLOW A GRADE UP TO 8.0% IN ARTICLE 12, SECTION 2.1 OF THE SUBDIVISION REGULATIONS.
- b) AT THE FEBRUARY 7, 2022, PLANNING BOARD MEETING, THE BOARD APPROVED A WAIVER FOR: THE REQUIREMENT OF THE INTERSECTION DESIGN STANDARDS TO THE MAX. ROAD GRADE OF 2% FOR A MINIMUM OF 100' FROM ARTICLE 12, SECTION 12.7, TABLE 2 OF THE SUBDIVISION REGULATIONS.
- c) AT THE JANUARY 18, 2023, ZONING BOARD OF ADJUSTMENT MEETING, THE BOARD GRANTED, THE VARIANCE FROM ARTICLE 6, SECTION 6.2.6 PERIMETER BUFFER TO ALLOW TWO (2) CONVENTIONAL LOTS TO BE DEVELOPED SEPARATE FROM THE PROPOSED CONSERVATION SUBDIVISION ON MALLEGO ROAD (MAP 239, LOT 35).

**REQUIRED PERMITS**  
NHDES SUBDIVISION APPROVAL NUMBER: SA 2023060801  
NHDES ALTERATION OF TERRAIN NUMBER: 2394

ISSUED FOR SIGNATURES	6-28-23
WILDLIFE PROTECTION NOTES AND PER NOD	6-6-23
REVISE PER AOT RM	5-24-23
REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:

**WETLAND/SOIL CONSULTANT:**

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



**CIVIL ENGINEERS:**

**BA BEALS ASSOCIATES, PLLC**  
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) 659-8560, Data (603) 659-4118

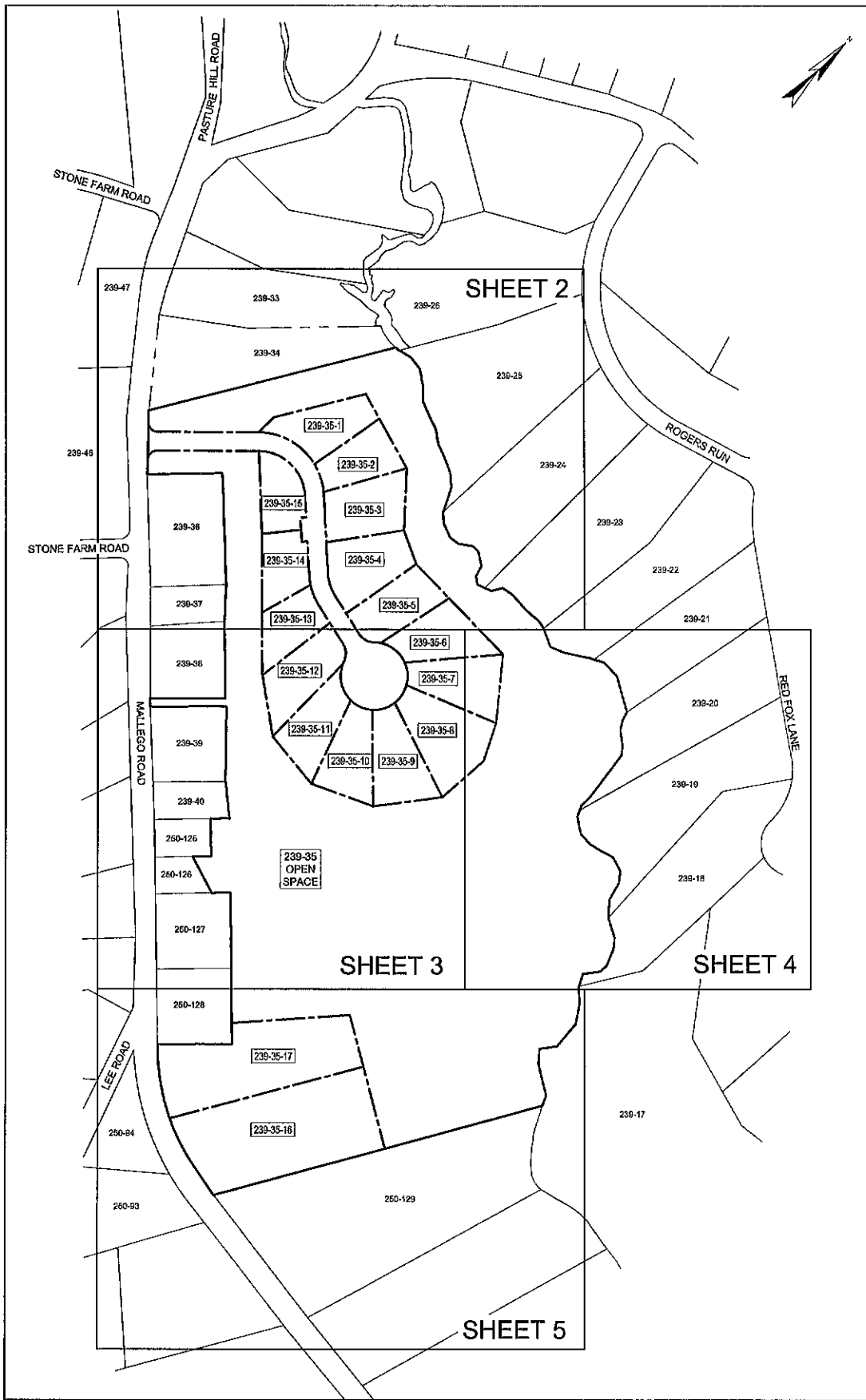
<b>COVER SHEET</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGO ROAD BARRINGTON, NH	
PROJ. NO: NI-1443	DATE: NOV 2022

NOTES:

1. REFERENCE: TAX MAP 239, LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE
  2. TOTAL PARCEL AREA: 1,881,190± 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 208
  4. ZONE: VILLAGE DISTRICT  
STRATIFIED DRIFT AQUIFER OVERLAY  
WETLAND PROTECTION DISTRICT OVERLAY
- DIMENSIONAL REQUIREMENTS:
- |                        |               |                                    |               |
|------------------------|---------------|------------------------------------|---------------|
| MIN. LOT AREA          | 80,000 sq.ft. | CONSERVATION SUBDIVISION           | 20,000 sq.ft. |
| MIN. FRONTAGE          | 200 ft.       |                                    |               |
| LOT WIDTH              |               | 75 ft. (AT FRONT BUILDING SETBACK) |               |
| MIN. FRONT SETBACK     | 40 ft.        | 25 ft. (FROM INTERIOR ROAD)        |               |
| MIN. SIDE/REAR SETBACK | 30 ft.        | 20 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.
5. 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 TS3C DATA COLLECTOR AND A SOUKKA 821 AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
  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. 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: NORTH-CENTRAL AND NORTH-EAST 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).
  9. FLOOD HAZARD ZONE: "X", PER FIRM MAP #3301002850, DATED 5/17/05.
  10. 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.
  11. 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.
  12. WATER BOUNDARIES ARE DYNAMIC IN NATURE AND ARE SUBJECT TO CHANGE DUE TO NATURAL CAUSES SUCH AS EROSION OR ACCRETION.
  13. 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 FOR REFERENCE ONLY. THE FINAL LOCATIONS SHALL BE DETERMINED BY SITE CONDITIONS.
  14. NHDES APPROVALS:
    - a. ALTERATION OF TERRAIN PERMIT AOT-2394 DATED JUNE 8, 2023.
    - b. SUBDIVISION APPROVAL ES2023080601 DATED JUNE 8, 2023.
  15. TOWN OF BARRINGTON WAIVERS/VARIANCES:
    - a. AT THE DECEMBER 5, 2022 PLANNING BOARD MEETING, THE BOARD APPROVED A WAIVER FOR THE REQUIREMENT OF ROAD DESIGN STANDARDS FOR MAXIMUM ROAD GRADE TO ALLOW UP TO 8% IN ARTICLE 12, SECTION 2.1 OF THE SUBDIVISION REGULATIONS.
    - b. AT THE FEBRUARY 7, 2023 PLANNING BOARD MEETING, THE BOARD APPROVED A WAIVER FOR THE REQUIREMENT OF THE INTERSECTION DESIGN STANDARDS TO THE MAXIMUM ROAD GRADE OF 2% FOR A MINIMUM OF 100' FROM ARTICLE 12, SECTION 12.7, TABLE 2 OF THE SUBDIVISION REGULATIONS.
    - c. AT THE JANUARY 18, 2023 ZONING BOARD OF ADJUSTMENT MEETING, THE BOARD GRANTED THE VARIANCE FROM ARTICLE 6, SECTION 6.2.6 PERIMETER BUFFER TO ALLOW TWO (2) CONVENTIONAL LOTS TO BE DEVELOPED SEPARATE FROM THE PROPOSED CONSERVATION SUBDIVISION ON MALLEGO ROAD (TAX MAP 239, LOT 35).

REFERENCE PLANS:

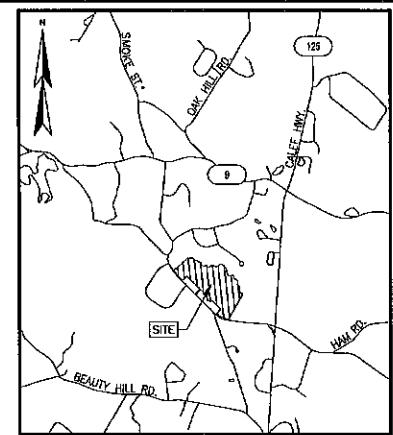
1. "SUBDIVISION OF LAND OF THE CALEF FAMILY LAND BARRINGTON, N.H." DATED NOVEMBER 7, 1985 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 28-3.
2. "SUBDIVISION PLAN FOR CALEF INC. BARRINGTON, N.H." DATED FEBRUARY 6, 1988 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 29-70.
3. "SUBDIVISION PLAN" DATED JUNE 8, 1988 BY KIMBALL CHASE COMPANY, INC. S.C.R.D. PLAN 34-100.
4. "LAND OF LATHAM NICHOLS PROVINCE ROAD BARRINGTON, N.H." DATED APRIL 19, 1996 BY BERRY SURVEYING & ENGINEERING. S.C.R.D. PLAN 48-33.
5. "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.
6. "SUBDIVISION PLAN PREPARED FOR R.L.C. HOLDINGS, INC. AND ANDREA E. ROWELL OF MAP 11, LOT 4-2B AND LOT 89 MALLEGO ROAD COUNTY OF STRAFFORD BARRINGTON, N.H." DATED AUGUST 20, 1988 BY DAVID W. VINCENT L.L.S. LAND SURVEYING SERVICES. S.C.R.D. PLAN 56-52.
7. "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.
8. "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 L.L.S. LAND SURVEYING SERVICES. S.C.R.D. PLAN 65-13.
9. "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 L.L.S. LAND SURVEYING SERVICES. S.C.R.D. PLAN 67-7.
10. "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
11. "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

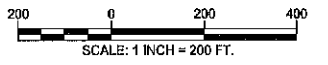
LEGEND

- EXISTING LOT LINE
- PROPOSED LOT LINE
- TIE LINE
- APPROXIMATE ADJUTERS LOT LINE
- BUILDING SETBACK LINE
- WETLAND SETBACK
- STONE WALL
- RETAINING WALL
- CHAIN LINK FENCE
- STOCKADE FENCE
- PICKET FENCE
- WIRE FENCE
- EDGE OF DELINEATED WETLAND
- WATERCOURSE
- WETLAND AREA
- BOUND FOUND (BND. FND.)
- DRILL HOLE FOUND (D.H.F.)
- PIPE/ROD FOUND
- 4"x4" GRANITE BOUND TO BE SET
- 5/8" REBAR W/ID CAP TO BE SET (SEE NOTE 13)
- UTILITY POLE
- UTILITY POLE & GUY WIRE
- SUPPLY WELL
- BOUND FOUND
- DOUBLE YELLOW LINE
- EDGE OF PAVEMENT
- GRAN.
- IRON PIPE FOUND
- RET. WALL
- STEEL STAKE FOUND



PLANNING BOARD  
BARRINGTON, NH  
**APPROVED.**  
File Number **239-85-V-22-TSUB**  
Date **6/29/2023**  
Chairman *[Signature]*

THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE CONTINUED IN THIS PLAN. NO APPROVALS OR CHANGES TO SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

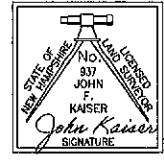


SUBDIVISION PLAN  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	DESCRIPTION	BY
3	06/06/23	ADD NHDES APPROVALS (NOTE 14)	J.F.K.
2	05/02/23	ADD WELL EASEMENTS TO LOTS 4 & 5	J.F.K.
1	01/17/23	REVISED PER REVIEW #1	M.T.L.

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

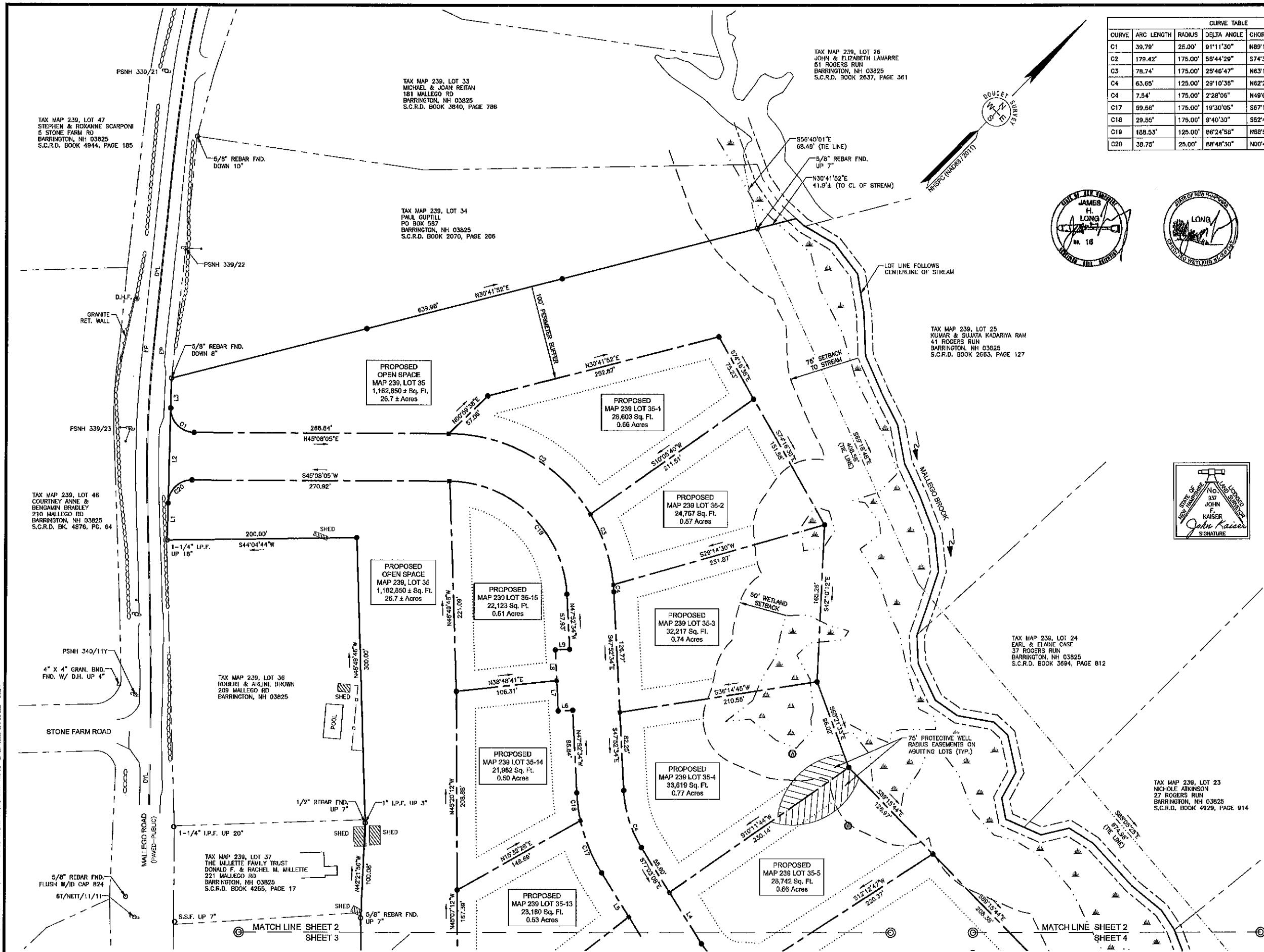
I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE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



*John Kaiser* L.L.S. #937  
6/6/23 DATE

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

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Offices in Bedford & Keene, NH and Cannonville, 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	171.66'	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°10'38"	N62°27'51"W	62.97'	L4	S77°03'08"E	63.48'
C4	7.54'	175.00'	2°28'06"	N49°06'36"W	7.54'	L5	N77°03'08"W	54.50'
C17	69.66'	175.00'	19°30'05"	S87°19'06"E	68.28'	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	171.18'	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'

TAX MAP 239, LOT 47  
STEPHEN & ROXANNE SCARPONI  
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 LAMARRE  
51 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2637, PAGE 361

TAX MAP 239, LOT 34  
PAUL GUPTILL  
PO BOX 587  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2070, PAGE 206

TAX MAP 239, LOT 25  
KUMAR & SUJATA KADARIYA RAM  
41 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2663, PAGE 127

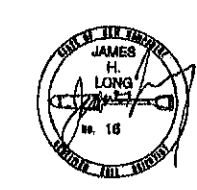
TAX MAP 239, LOT 46  
COURTNEY ANNE & BENJAMIN BRADLEY  
210 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BK. 4876, PG. 64

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

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

TAX MAP 239, LOT 24  
EARL & ELAINE CASE  
37 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3694, PAGE 812

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



APPROVED BY  
BARRINGTON, NH  
PLANNING BOARD

**APPROVED**

File Number **239-35-V-22-7548**

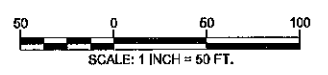
Date **6/29/2023**

PLANNING BOARD  
BARRINGTON, NH

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  
6/6/23 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  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE

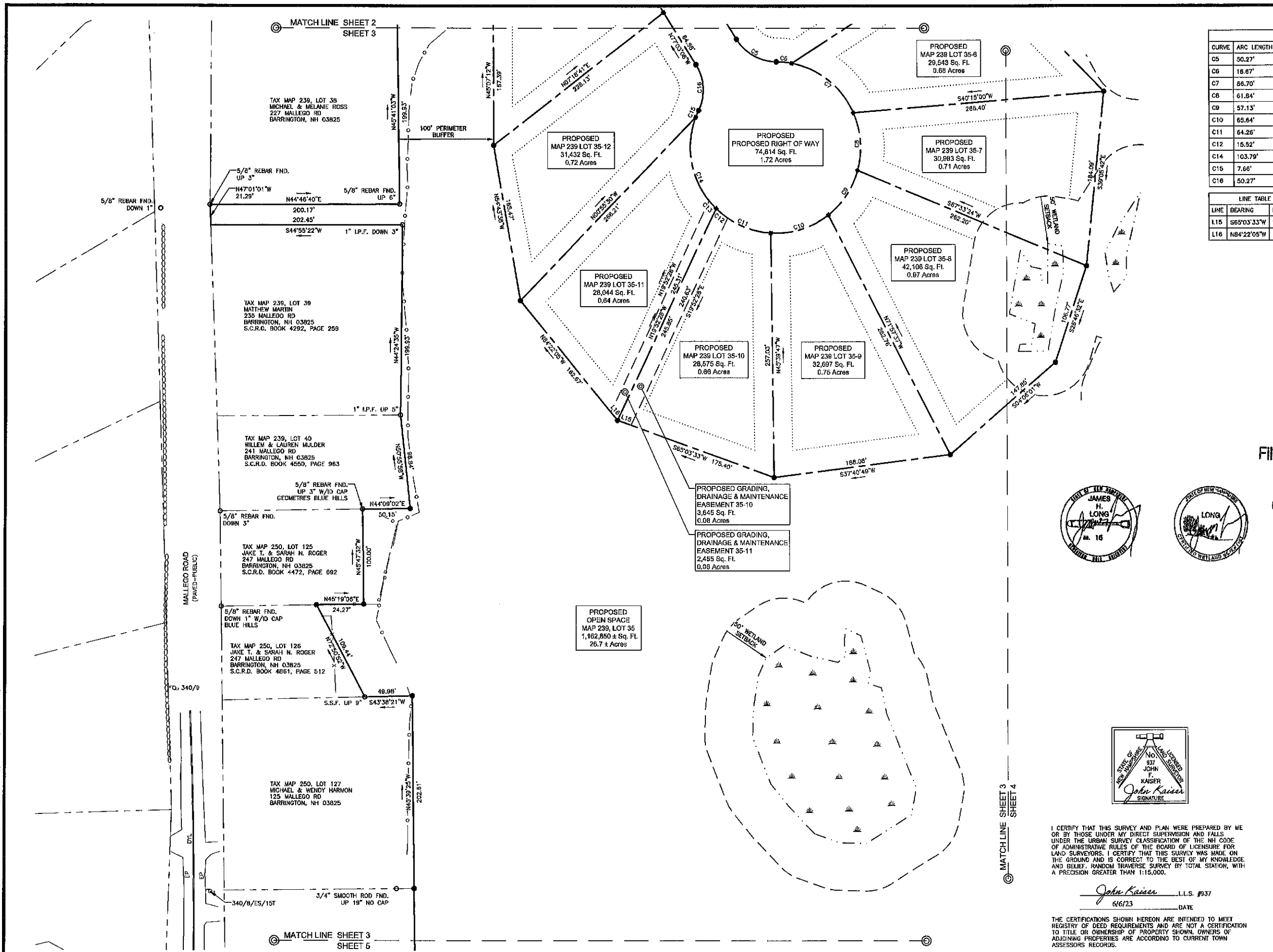
NO.	DATE	DESCRIPTION	BY
3	06/06/23	ADD NOTES APPROVALS (NOTE 14)	J.F.K.
2	05/02/23	ADD WELL EASEMENTS TO LOTS 4 & 5	J.F.K.
1	01/17/23	REVISED PER REVIEW #1	M.T.L.

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

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<http://www.doucetsurvey.com>

DATE PLOTTED: 06/29/23 10:58 AM; PLOTTER: HP DesignJet T1100; PLOT SIZE: 36x48; PLOT SCALE: 1"=50'; PLOT ORIENTATION: LANDSCAPE; PLOT SHEET: 2 OF 4

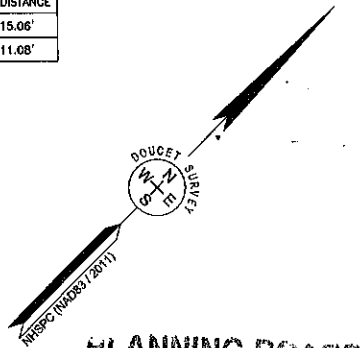


**CURVE TABLE**

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C5	50.27'	50.00'	57°36'27"	S74°08'38"W	48.18'
C6	18.67'	90.00'	10°36'41"	S67°38'45"W	18.64'
C7	86.70'	90.00'	85°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'	38°22'19"	N11°16'38"W	56.16'
C10	65.64'	90.00'	41°47'07"	N27°48'06"E	64.19'
C11	64.26'	90.00'	40°54'35"	N69°08'56"E	62.80'
C12	15.52'	90.00'	9°52'39"	N84°39'55"E	15.50'
C14	103.79'	90.00'	68°04'24"	S57°21'34"E	98.13'
C15	7.66'	90.00'	4°52'42"	S21°53'01"E	7.66'
C16	50.27'	50.00'	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'



**PLANNING BOARD  
BARRINGTON, NH**

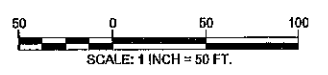
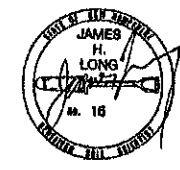
**APPROVED**

File Number **239-35-V-24-17SUB**

Date **6/29/2023**

Chairman *[Signature]*

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 BY WRITING BY THE BOARD AND ATTACHED HERETO.



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

NO.	DATE	DESCRIPTION	BY
3	06/06/23	ADD NHDES APPROVALS (NOTE 14)	J.F.K.
2	05/02/23	ADD WELL EASEMENTS TO LOTS 4 & 5	J.F.K.
1	01/17/23	REVISED PER REVIEW #1	M.T.L.

DRAWN BY: M.T.L. & P.C.L.	DATE: NOVEMBER 16, 2022
CHECKED BY: J.F.K.	DRAWING NO. 7470B
JOB NO. 7470	SHEET 3

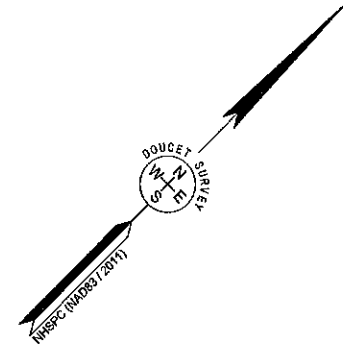
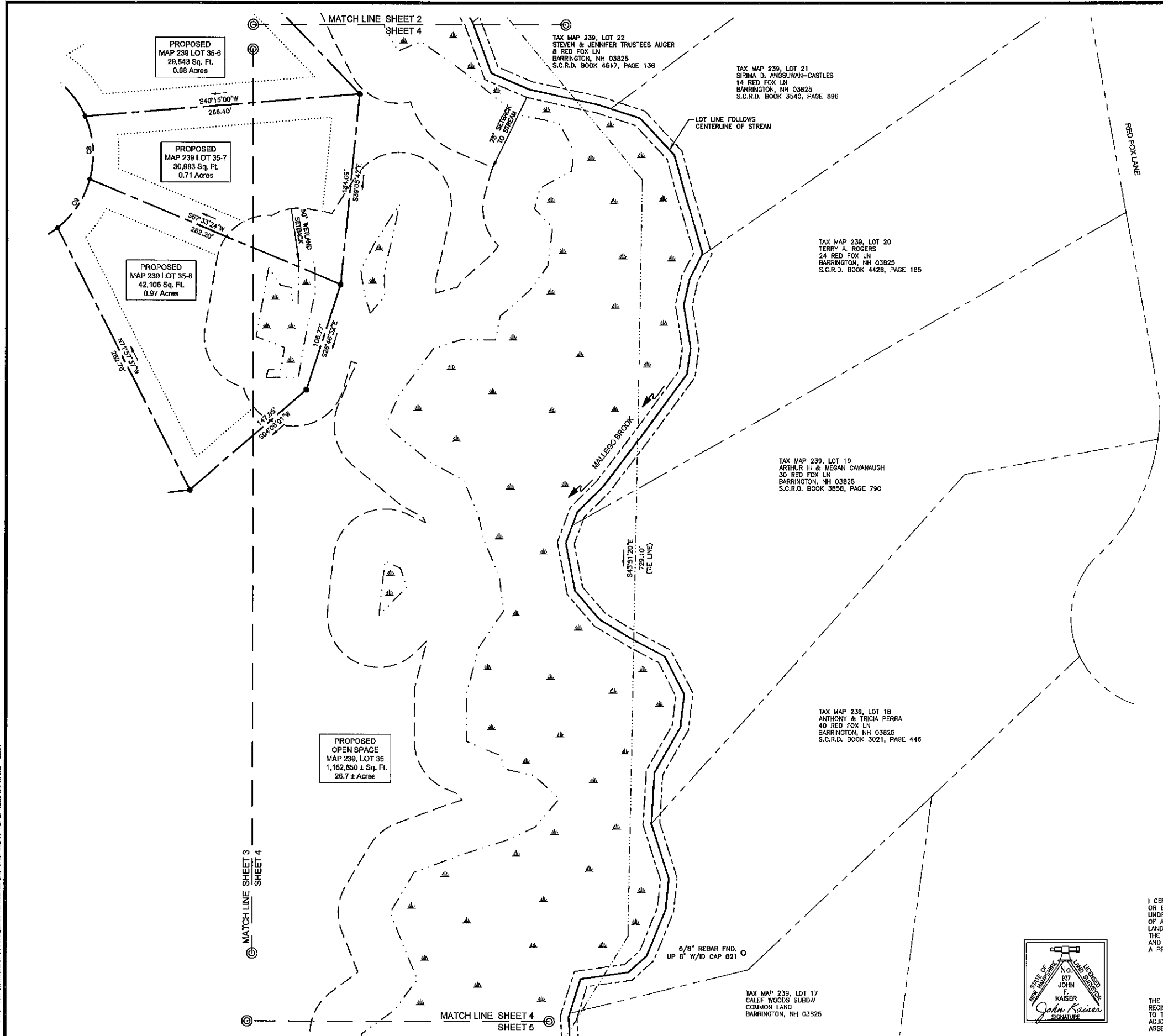
**DOUCET SURVEY**  
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102 Kent Plaza, Newmarket, NH 03857 (603) 859-6560  
Offices in Bedford & Keene, NH and Kennebunk, ME  
<http://www.doucetsurvey.com>

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  
6/6/23 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 ADDITIONAL PROPERTIES ARE ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.

T.M. 239, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



PLANNING BOARD  
BARRINGTON, NH

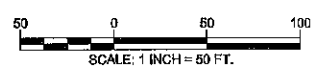
APPROVED -  
BARRINGTON PLANNING BOARD

File Number 239-35-V-22-17SUB

Date 6/29/2023

Chairman John Kaiser

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.



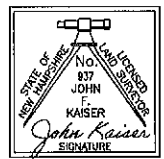
SUBDIVISION PLAN  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	DESCRIPTION	BY
3	06/06/23	ADD NIDES APPROVALS (NOTE 14)	J.F.K.
2	05/02/23	ADD WELL EASEMENTS TO LOTS 4 & 5	J.F.K.
1	01/17/23	REVISED PER REVIEW #1	M.T.L.

DRAWN BY: M.T.L. & P.C.L.	DATE: NOVEMBER 15, 2022
CHECKED BY: J.F.K.	DRAWING NO. 7470B
JOB NO. 7470	SHEET 4

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  
6/6/23 DATE

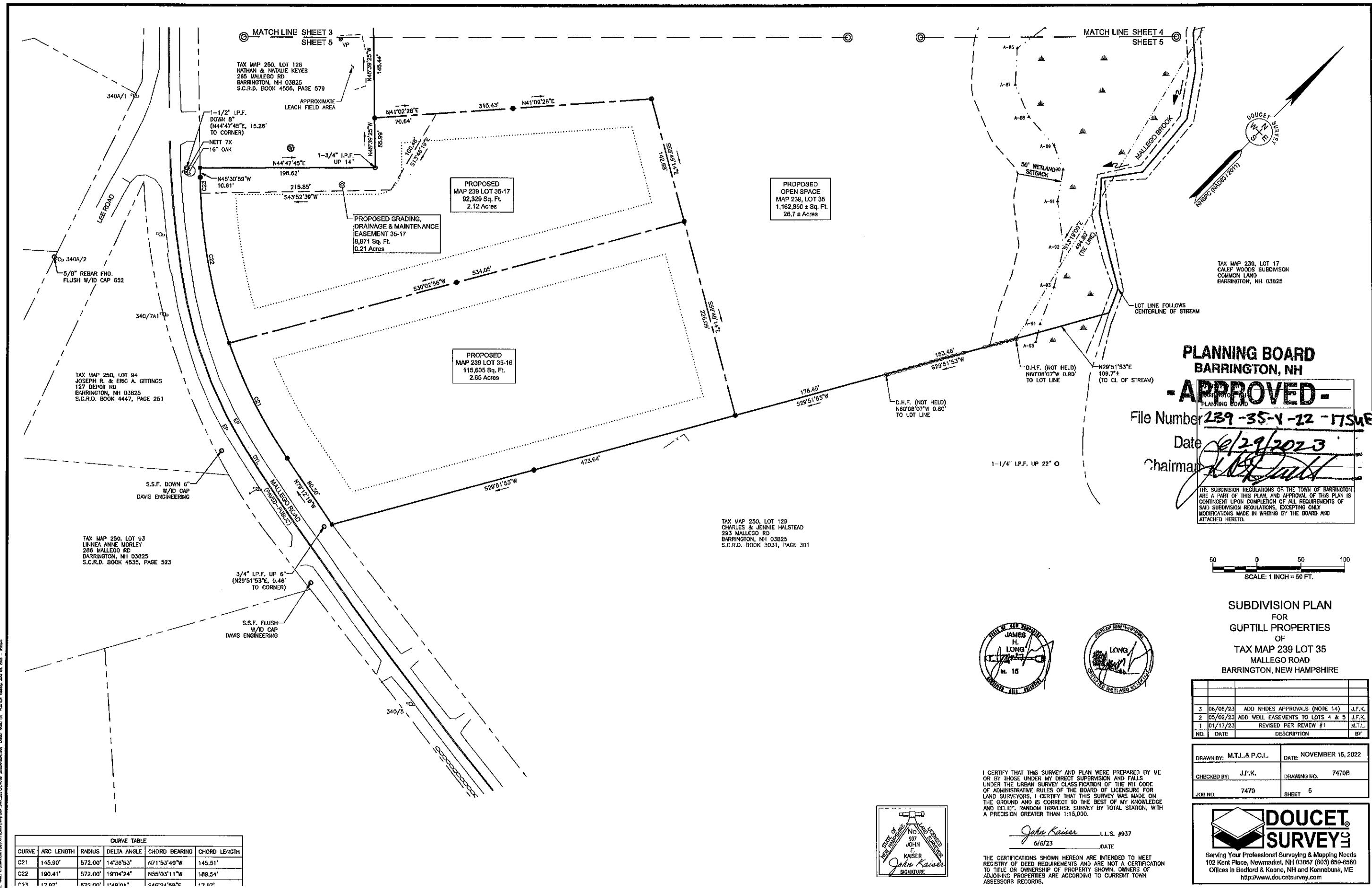


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FILE NAME: C:\Users\jkaiser\Documents\2023\239-35-V-22-17SUB\239-35-V-22-17SUB.dwg PLOTTED: Thursday, June 08, 2023 1:35:00 PM



MATCH LINE SHEET 3  
SHEET 5

MATCH LINE SHEET 4  
SHEET 5

TAX MAP 250, LOT 128  
NATHAN & NATALIE KEYES  
285 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4566, PAGE 579

APPROXIMATE  
LEACH FIELD AREA

1-1/2" I.P.F.  
DOWN 8"  
(N44°47'45"E, 15.28'  
TO CORNER)

NETT 7X  
16" OAK

1-3/4" I.P.F.  
UP 14"

PROPOSED  
MAP 239 LOT 35-17  
92,328 Sq. Ft.  
2.12 Acres

PROPOSED GRADING,  
DRAINAGE & MAINTENANCE  
EASEMENT 35-17  
8,971 Sq. Ft.  
0.21 Acres

PROPOSED  
OPEN SPACE  
MAP 239, LOT 35  
1,162,860 ± Sq. Ft.  
26.7 ± Acres

PROPOSED  
MAP 238 LOT 35-16  
115,605 Sq. Ft.  
2.65 Acres

TAX MAP 250, LOT 94  
JOSEPH R. & ERIC A. GITTINGS  
127 DEPOT RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4447, PAGE 251

S.S.F. DOWN 6"  
W/D CAP  
DAVIS ENGINEERING

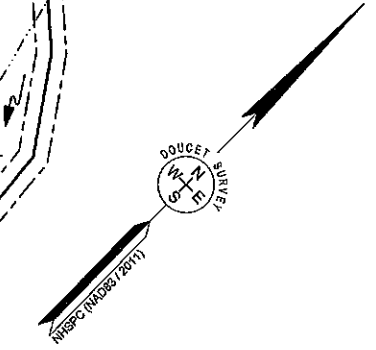
TAX MAP 250, LOT 93  
LINNEA ANNE MORLEY  
286 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4535, PAGE 523

3/4" I.P.F. UP 6"  
(N29°51'53"E, 9.46'  
TO CORNER)

S.S.F. FLUSH  
W/D CAP  
DAVIS ENGINEERING

TAX MAP 250, LOT 129  
CHARLES & JENNIE HALSTEAD  
293 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3031, PAGE 301

TAX MAP 238, LOT 17  
CALEY WOODS SUBDIVISION  
COMMON LAND  
BARRINGTON, NH 03825



PLANNING BOARD  
BARRINGTON, NH

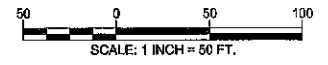
**- APPROVED -**

File Number **239-35-1-12-175uB**

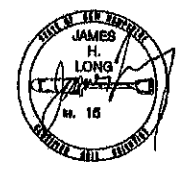
Date **6/29/2023**

Chairman *[Signature]*

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

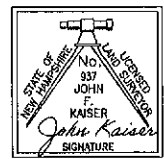


NO.	DATE	DESCRIPTION	BY
3	06/06/23	ADD NHDES APPROVALS (NOTE 14)	J.F.K.
2	05/02/23	ADD WELL EASEMENTS TO LOTS 4 & 5	J.F.K.
1	01/17/23	REVISED PER REVIEW #1	M.T.L.

DRAWN BY: M.T.L. & P.C.L.	DATE: NOVEMBER 16, 2022
CHECKED BY: J.F.K.	DRAWING NO. 7470B
JOB NO. 7470	SHEET 5

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  
6/6/23 DATE



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CURVE TABLE					
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C21	145.90'	572.00'	14°35'53"	N71°53'49"W	145.51'
C22	190.41'	572.00'	19°04'24"	N55°03'11"W	189.54'
C23	173.03'	572.00'	17°48'03"	S46°04'48"E	173.03'

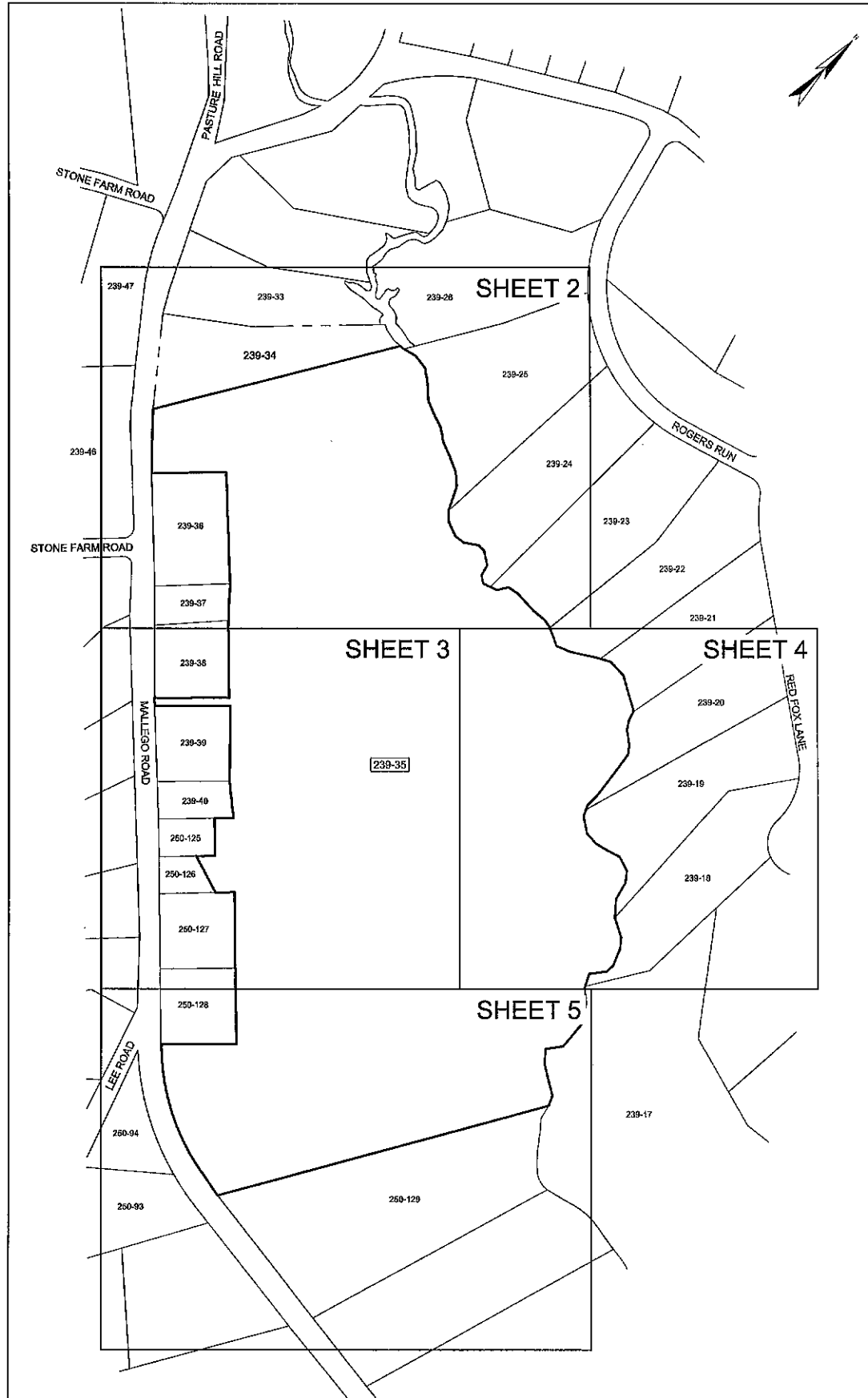
FILE: \\map\GIS\Users\jkaiser\Projects\2023\230717789 - 01\DWG\230717789 - 01.dwg  
 LAYOUT: 230717789 - 01.dwg  
 DATE: 06/29/2023 10:30:00 AM

NOTES:

1. REFERENCE: TAX MAP 239, LOT 35  
MALLEGRO ROAD  
BARRINGTON, NEW HAMPSHIRE
2. TOTAL PARCEL AREA: 1,981,190± SQ. FT. OR 45.3± 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: 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, 2018 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4, NEHSTG (MAY 2017).
9. FLOOD HAZARD ZONE: "X", PER FIRW MAP #3301C0285D, DATED 5/17/05.
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.

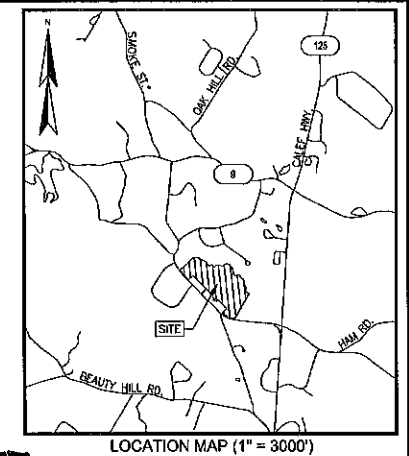
REFERENCE PLANS:

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, 1989 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 19, 1996 BY BERRY SURVEYING & ENGINEERING. S.C.R.D. PLAN 46-33.
4. "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.
5. "SUBDIVISION PLAN PREPARED FOR R.L.C. HOLDINGS, INC. AND ANDREA E. ROWELL OF MAP 11, LOT 4-23 AND LOT 88 MALLEGRO 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' MALLEGRO 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' MALLEGRO 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 & 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
10. "SUBDIVISION PLAN DOUCLAS M. & PATRICIA A. CALL BARRINGTON, NEW HAMPSHIRE STRAFFORD COUNTY" DATED APRIL 1998 BY ORVIS/DREW LLC. S.C.R.D. 53-39



KEY MAP

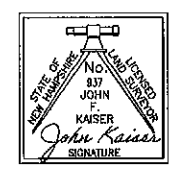
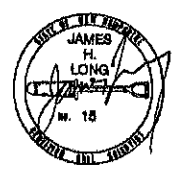
PLANNING BOARD  
BARRINGTON, NH  
**- APPROVED -**  
File Number 239-35-V-22-17SUB  
Date 6/29/2023  
Chairman *[Signature]*



**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
- PILE
- BOUND FOUND (BND. FND.)
- DRILL HOLE FOUND (D.H.F.)
- PIPE/ROD FOUND
- UTILITY POLE
- UTILITY POLE & GUY WIRE
- SUPPLY WELL
- VENT PIPE
- SIGN
- DECIDUOUS TREE
- TEST PIT LOCATION
- BND. FND.
- CATCH BASIN
- CONC.
- CONCRETE
- COND.
- CONDUIT
- DYL
- DOUBLE YELLOW LINE
- EG
- EDGE OF GRAVEL
- EP
- EDGE OF PAVEMENT
- GRAN.
- GRANITE
- HDPPE
- HIGH DENSITY POLYETHYLENE PIPE
- I.P.F.
- IRON PIPE FOUND
- RET. WALL
- RETAINING WALL
- S.S.F.
- STEEL STAKE FOUND
- TYP.
- TYPICAL

SCALE: 1 INCH = 200 FT.



PURSUANT TO RSA 676:16, III:  
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*John Kaiser* L.L.S. #937  
1/17/23 DATE

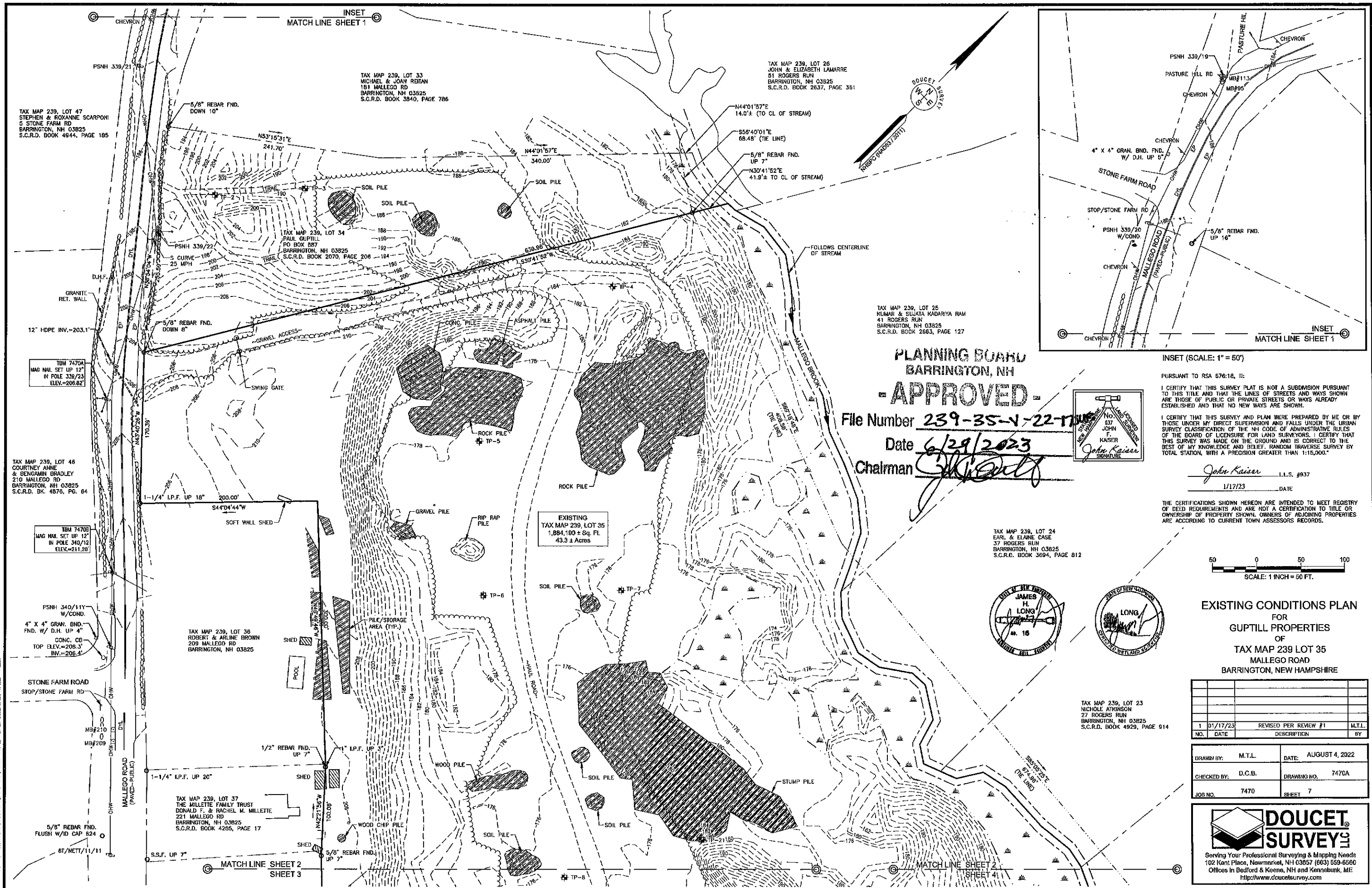
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EXISTING CONDITIONS PLAN  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGRO ROAD  
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISION PER REVIEW #1	M.T.L.
1	01/17/23		
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:	6

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TAX MAP 239, LOT 47  
STEPHEN & ROXANNE SCARPOPI  
5 STONE FARM RD  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4844, 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 LAMARRE  
51 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2637, PAGE 351

TAX MAP 239, LOT 34  
PAUL GUPTILL  
PO BOX 887  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2070, PAGE 206

TAX MAP 239, LOT 25  
KUMAR & SUJATA KADARIYA RAM  
41 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 2663, PAGE 127

TAX MAP 239, LOT 46  
COURTNEY ANNE  
& BENGAMIN BRADLEY  
210 MALLEGO RD  
BARRINGTON, NH 03825  
S.C.R.D. BK. 4876, PG. 64

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

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 4265, PAGE 17

TAX MAP 239, LOT 24  
EARL & ELAINE CASE  
37 ROGERS RUN  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3694, PAGE 812

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

PLANNING BOARD  
BARRINGTON, NH  
- APPROVED -

File Number 239-35-N-22-TM  
Date 6/29/2023  
Chairman *[Signature]*

*[Signature]*  
JOHN KAISER  
L.L.S. #937

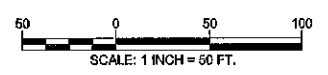
INSET (SCALE: 1" = 50')

PURSUANT TO RSA 676:18, III:  
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*[Signature]* L.L.S. #937  
1/17/23 DATE

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

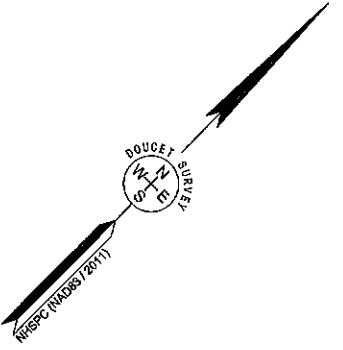
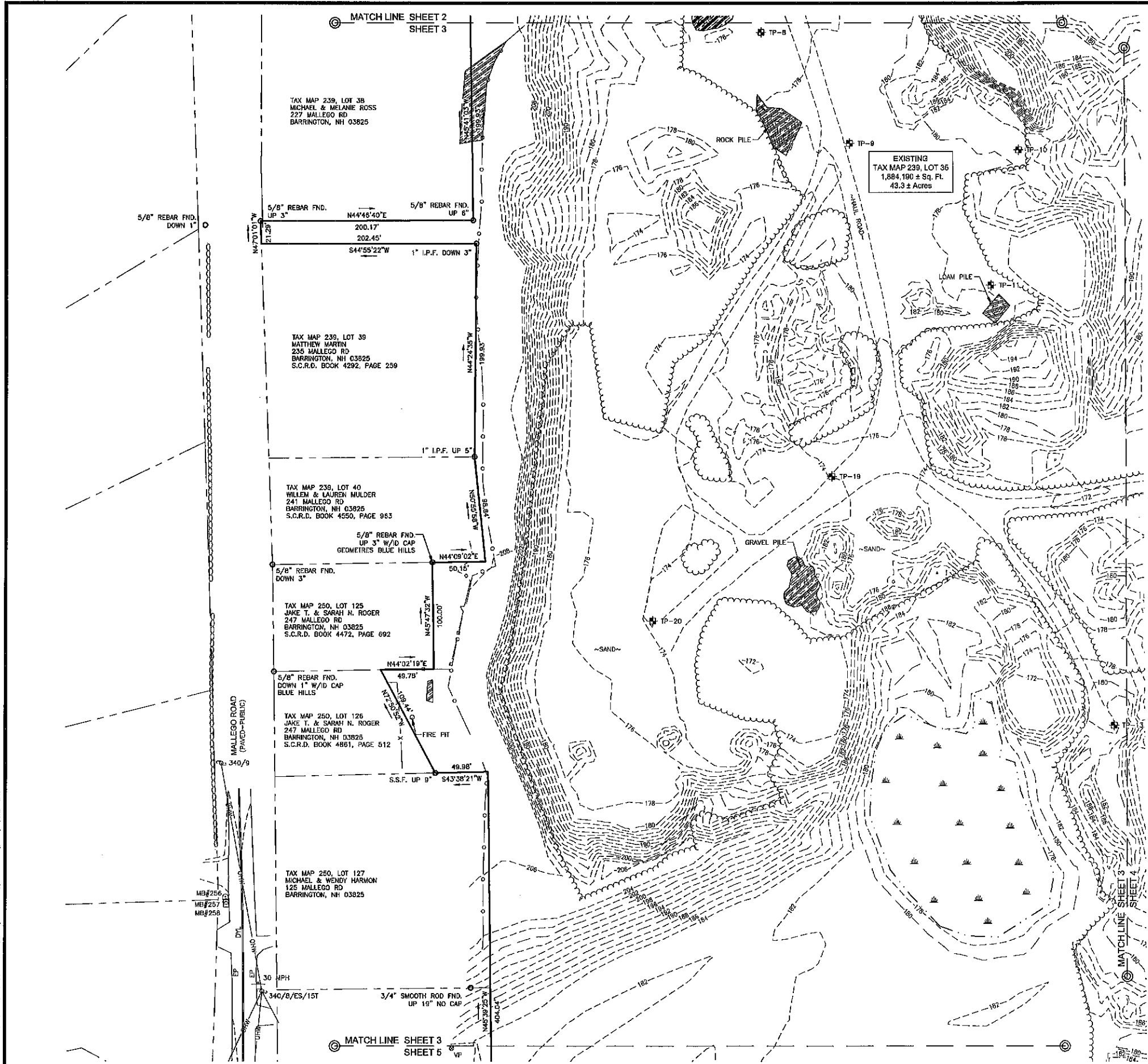
NO.	DATE	REVISION PER REVIEW #1	DESCRIPTION	M.T.L.	BY
1	01/17/23				

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

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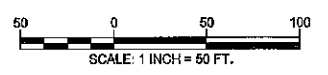


PLANNING BOARD  
BARRINGTON, NH  
**-APPROVED-**

File Number 259-35-V-22-17SUB

Date 6/29/2023

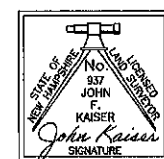
Chairman *[Signature]*



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

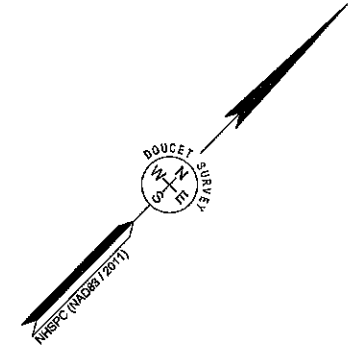
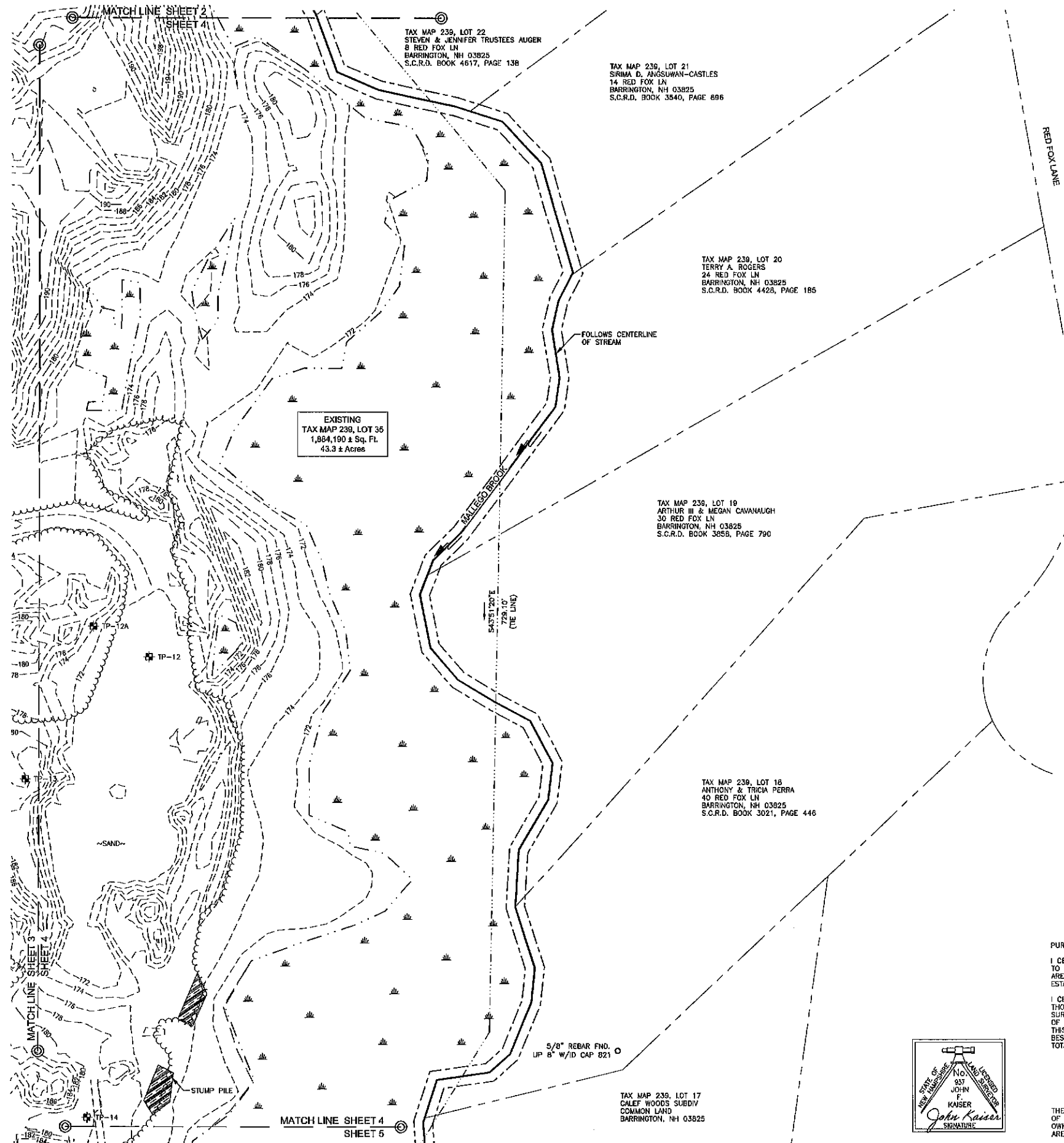


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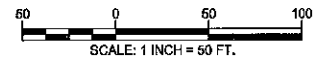
*John Kaiser* L.L.S. #937  
1/17/23 DATE

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PLANNING BOARD  
BARRINGTON, NH  
**- APPROVED -**  
File Number **239-35-V-22-17SUB**  
Date **6/29/2023**  
Chairman *[Signature]*

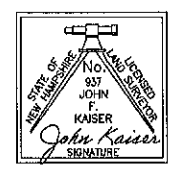


EXISTING CONDITIONS PLAN  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGO ROAD  
BARRINGTON, NEW HAMPSHIRE

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, II:  
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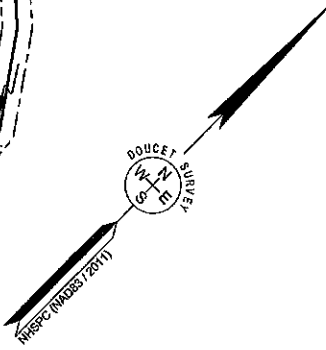
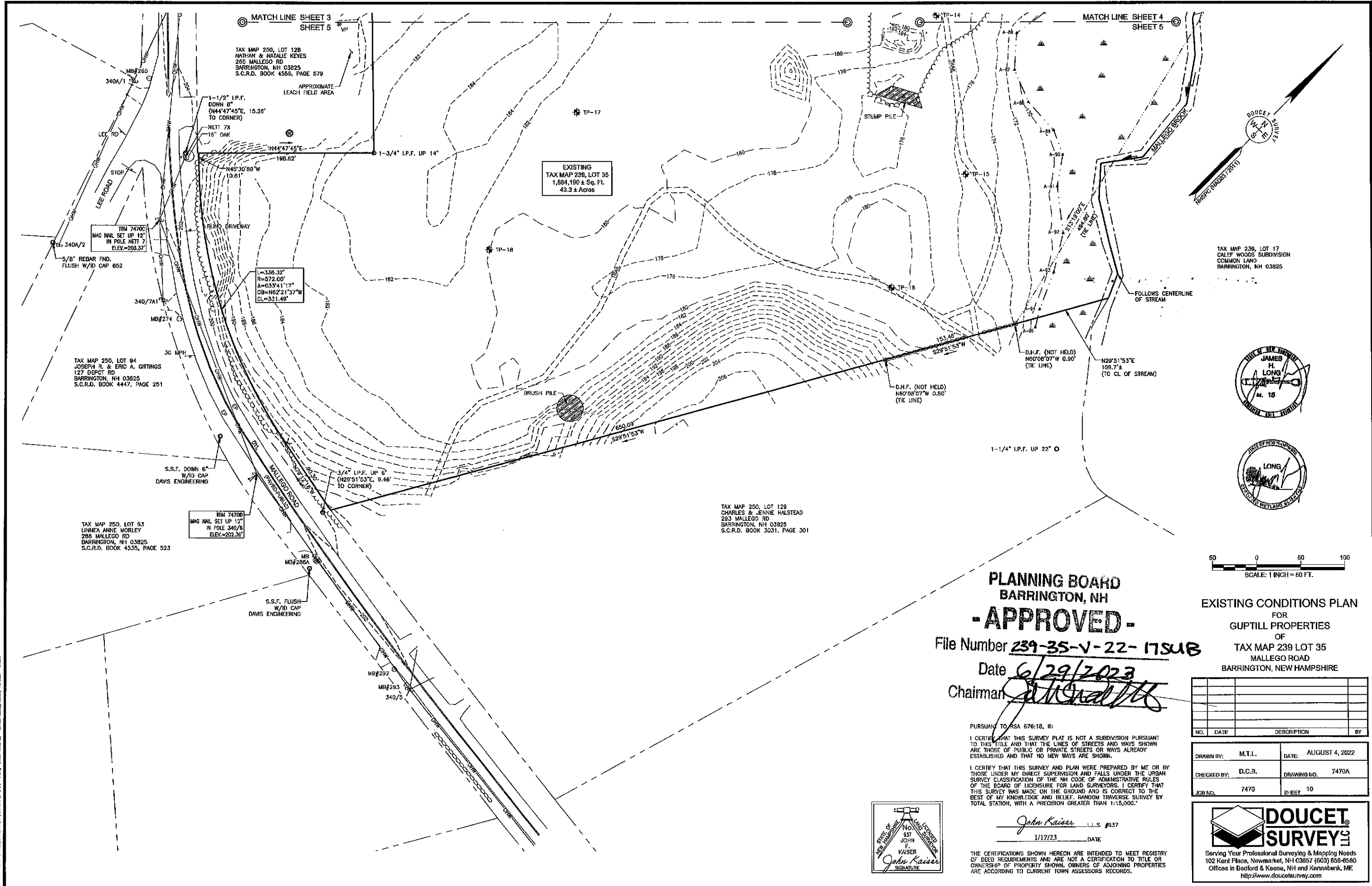


*John Kaiser* L.L.S. #937  
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FILE NAME: C:\Users\jkauser\Documents\Projects\239\239SUB17\239SUB17.dwg PLOT DATE: 01 AUGUST 2023, Tuesday, January 15, 2023 10:48:00 AM



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



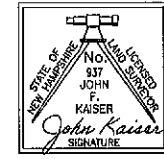
**PLANNING BOARD  
BARRINGTON, NH**  
**- APPROVED -**  
File Number **239-35-V-22-17SUB**  
Date **6/29/2023**  
Chairman *[Signature]*

**EXISTING CONDITIONS PLAN**  
FOR  
GUPTILL PROPERTIES  
OF  
TAX MAP 239 LOT 35  
MALLEGRO 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:	10

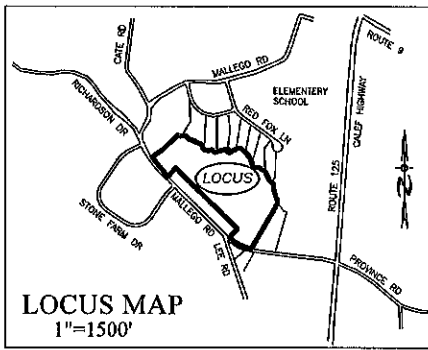
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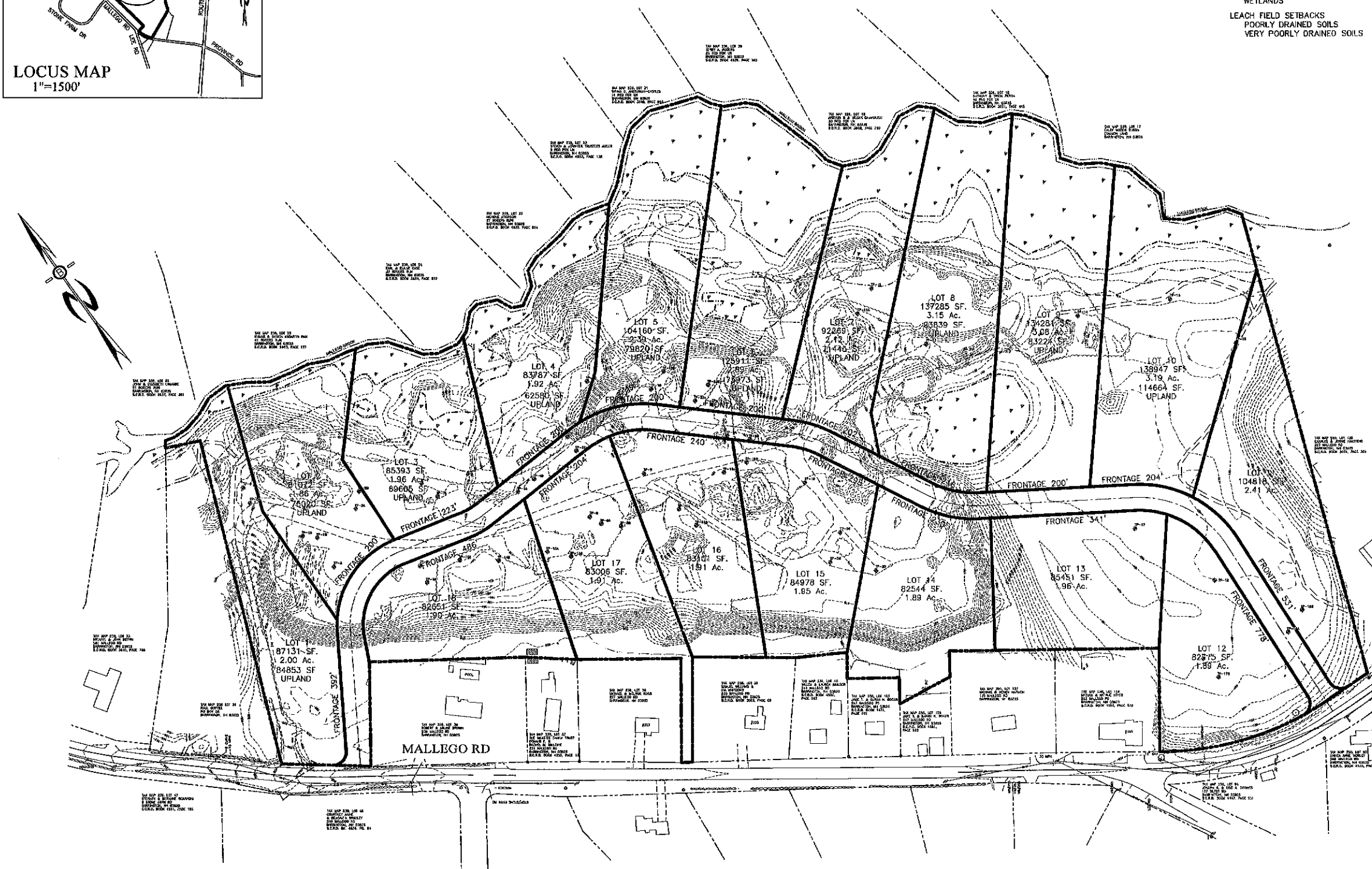


**CONCEPTUAL DATA**  
 TOTAL AREA = 43.3 AC±  
 18 SINGLE FAMILY LOTS  
 LOT SIZES 80000 SF+  
 2,550+/- LF OF ROADWAY

**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

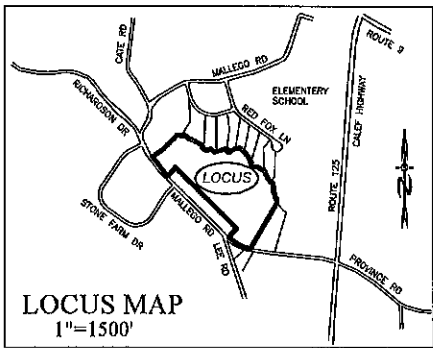
**BA BEALS ASSOCIATES, PLLC** | 70 PORTSMOUTH AVE., THIRD FLOOR, SUITE 2 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860, FAX: 603-583-4863



**PLANNING BOARD BARRINGTON, NH**  
**- APPROVED -**  
 File Number 239-35-V-22-117SUB  
 Date 6/29/2023  
 Chairman *[Signature]*

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

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



**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 THROUGH 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 = 60% 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.

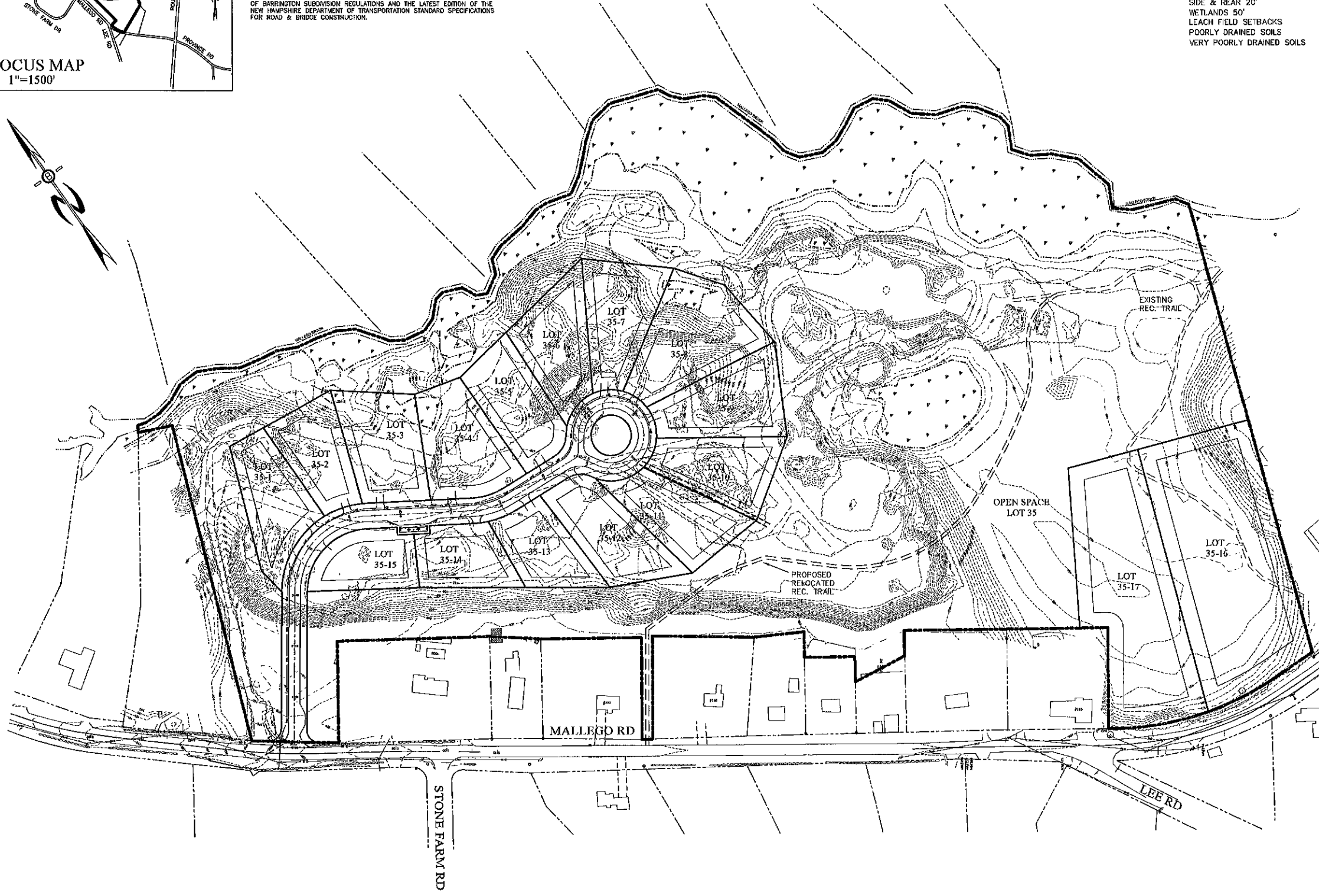
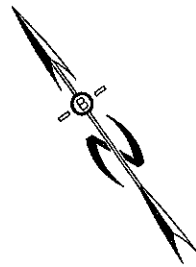
**ZONING REQUIREMENTS**  
 ZONE: VILLAGE DISTRICT (VD)  
 CONSERVATION SUBDIVISION  
 MIN. PARENT PARCEL = 20.0 AC.  
 MIN. LOT SIZE = 20,000 SF  
 MIN. WIDTH = 75' @ FRONT SETBACK  
 MIN. PERIMETER BUFFER = 100'  
 MAX. HEIGHT = 35'

**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

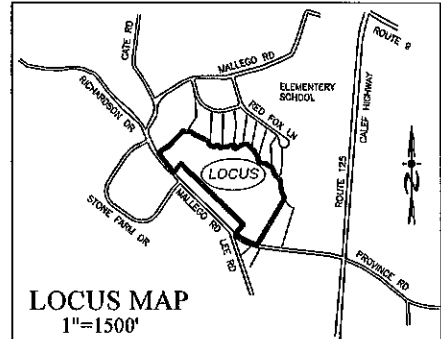
- NOTES**
- UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN LOCATED FROM FIELD OBSERVATIONS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. BEALS ASSOCIATES OR ANY OF THEIR EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN, THAT 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 UNFORESEEN CONDITIONS, SUBSURFACE 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 NAVD 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 485-A-17 IS REQUIRED.
  - PARCEL IS WITHIN THE TOWN AQUIFER PROTECTION OVERLAY ZONE 0-2000 TRANSMISSIVITY.



**PLANNING BOARD BARRINGTON, NH**  
**-APPROVED-**

File Number 239-35-V-22-17SUR  
 Date 6/29/2023  
 Chairman [Signature]

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



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 GROUP
12	HINCKLEY, EXCESS, DRAINED, FINE SANDY LOAM	111	A
115	SCARBORO	681	D
118	SUDBURY, MODERATELY WELL DRAINED	311	B
199/HADE	DUMPS, BARK CHIPS, AND ORGANIC MATERIALS	786	NONE
300/ABAA	UNDISBURSTS, NEARLY LEVEL	161	A
350/DBAAB	UNDISBURSTS, WET SUBSTRATUM	361	B
546	WALPOLE, SANDY	521	C
900/FBBAH	ENDOGUENTS, SANDY	561	C
116	SUDBURY, SOMEWHAT POORLY DRAINED	411	D

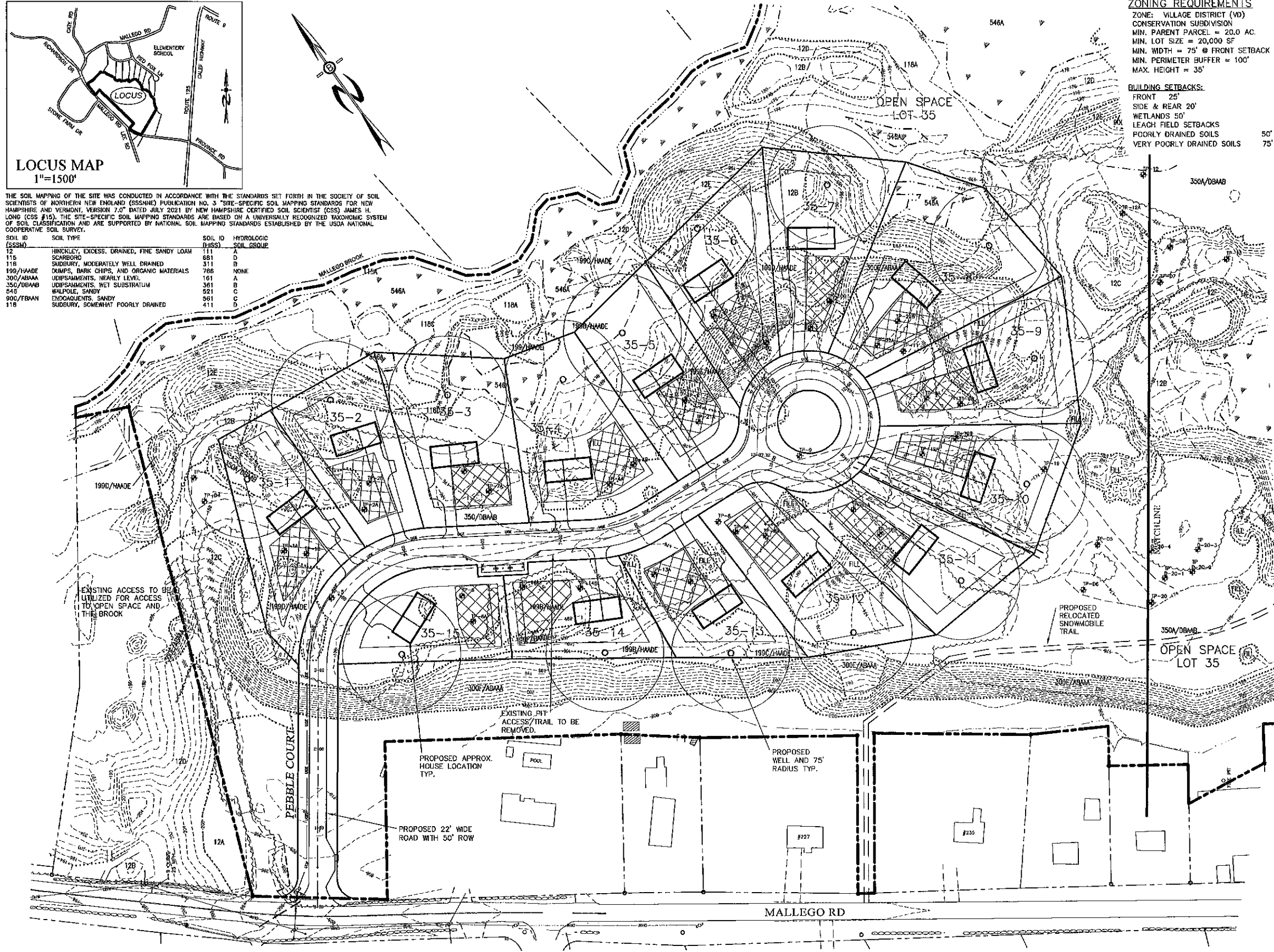
**ZONING REQUIREMENTS**  
 ZONE: VILLAGE DISTRICT (VD)  
 CONSERVATION SUBDIVISION  
 MIN. PARENT PARCEL = 20.0 AC.  
 MIN. LOT SIZE = 20,000 SF  
 MIN. WIDTH = 75' @ FRONT SETBACK  
 MIN. PERIMETER BUFFER = 100'  
 MAX. HEIGHT = 35'

**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, P.L.L.C.**  
 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.



**PLANNING BOARD BARRINGTON, NH**

PLANNING BOARD APPROVAL BLOCK

**APPROVED**

File Number **239-35-V-22-17SUB**

Date **6/29/2023**

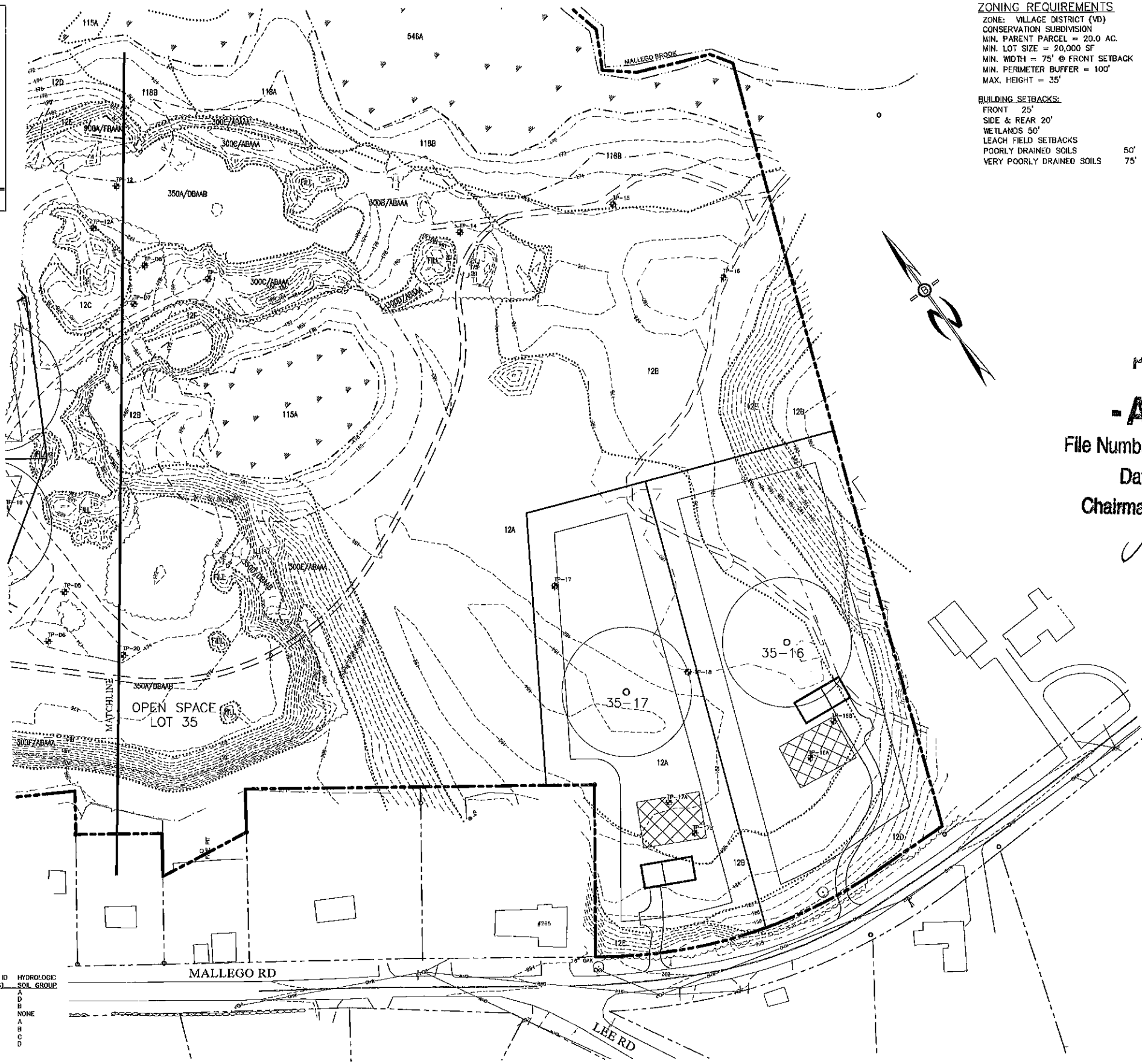
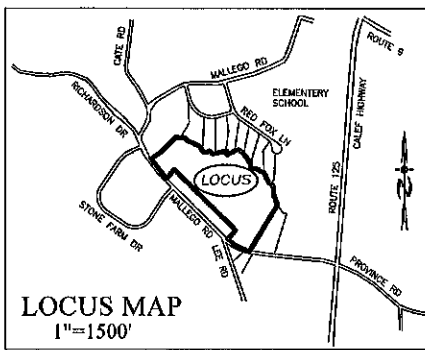
Chairman *[Signature]*

WILDLIFE PROTECTION NOTES AND PER NOD	6-6-23
REVISED PER NIDES COMMENTS	5-4-23
REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:

**SITE PLAN**

PLAN FOR:  
 RESIDENTIAL DEVELOPMENT  
 MALLEGO ROAD  
 BARRINGTON, NH

DATE:	NOV 2022	SCALE:	1" = 60'
PROJ. NO.:	NH-1443	SHT. NO.:	13



**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:  
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 7B EMERY LANE  
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 FAX: 603-583-4863

NOTES  
 1. SEE SHEET 12 FOR PLAN NOTES.

PLANNING BOARD  
 BARRINGTON, NH  
**- APPROVED -**  
 File Number 239-35-V-22-175uB  
 Date 6/29/2023  
 Chairman *[Signature]*



PLANNING BOARD APPROVAL BLOCK

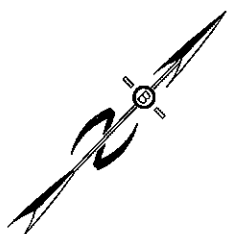
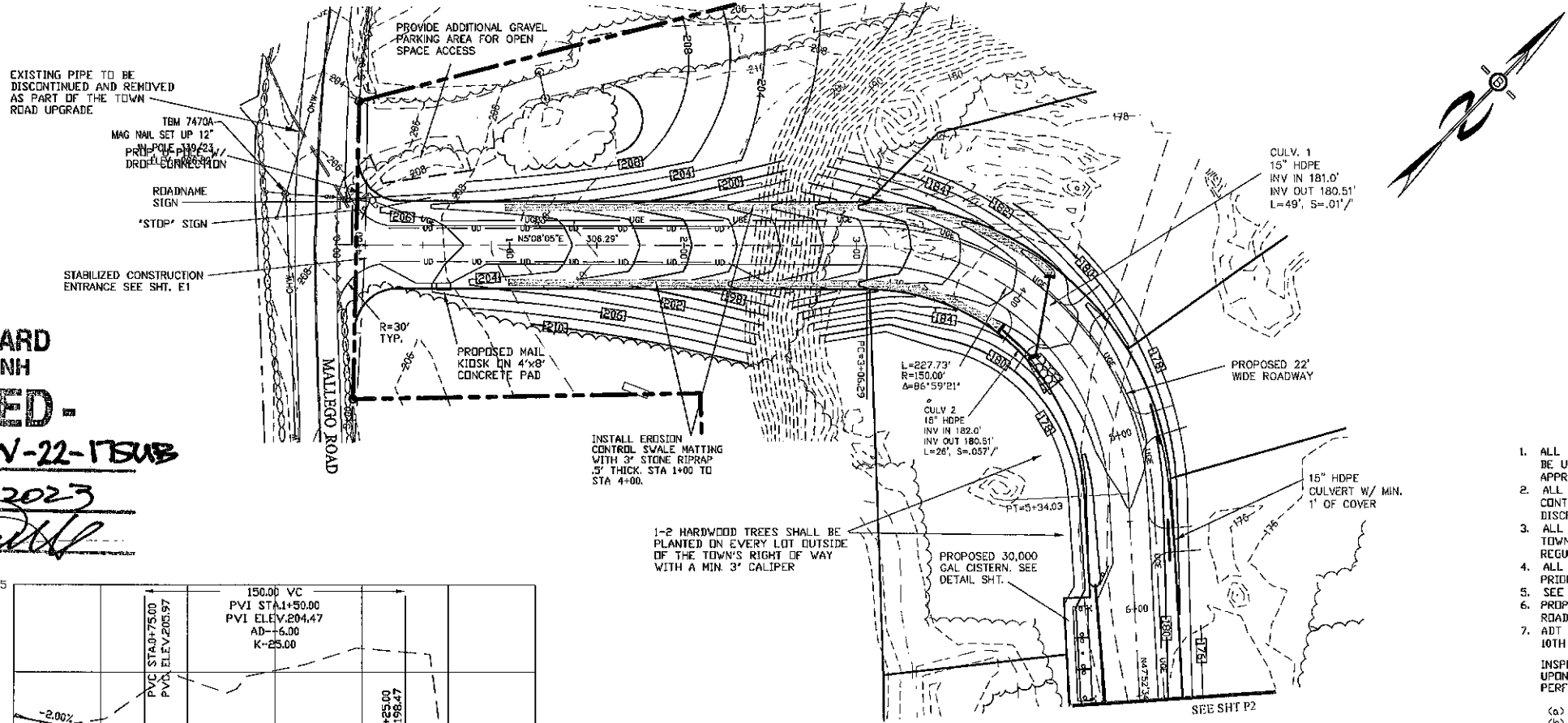
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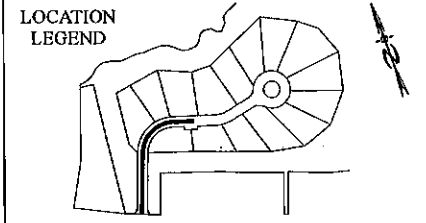
SOIL ID (SSSM)	SOIL TYPE	SOIL ID (HSS)	HYDROLOGIC SOIL GROUP
12	HINCKLEY, EXCESS DRAINED, FINE SANDY LOAM	111	A
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300/ABAA	UDPSAMMENTS, NEARLY LEVEL	161	A
350/DBAB	UDPSAMMENTS, WET SUBSTRATUM	351	B
900/TBAA	ENDOGENOUS, SANDY	561	C
118	SUBURY, SOMEWHAT POORLY DRAINED	411	D

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. 14



PREPARED FOR:  
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**PLANNING BOARD**  
**BARRINGTON, NH**  
**- APPROVED -**  
 File Number 239-35-V-22-17SUB  
 Date 6/29/2023  
 Chairman [Signature]

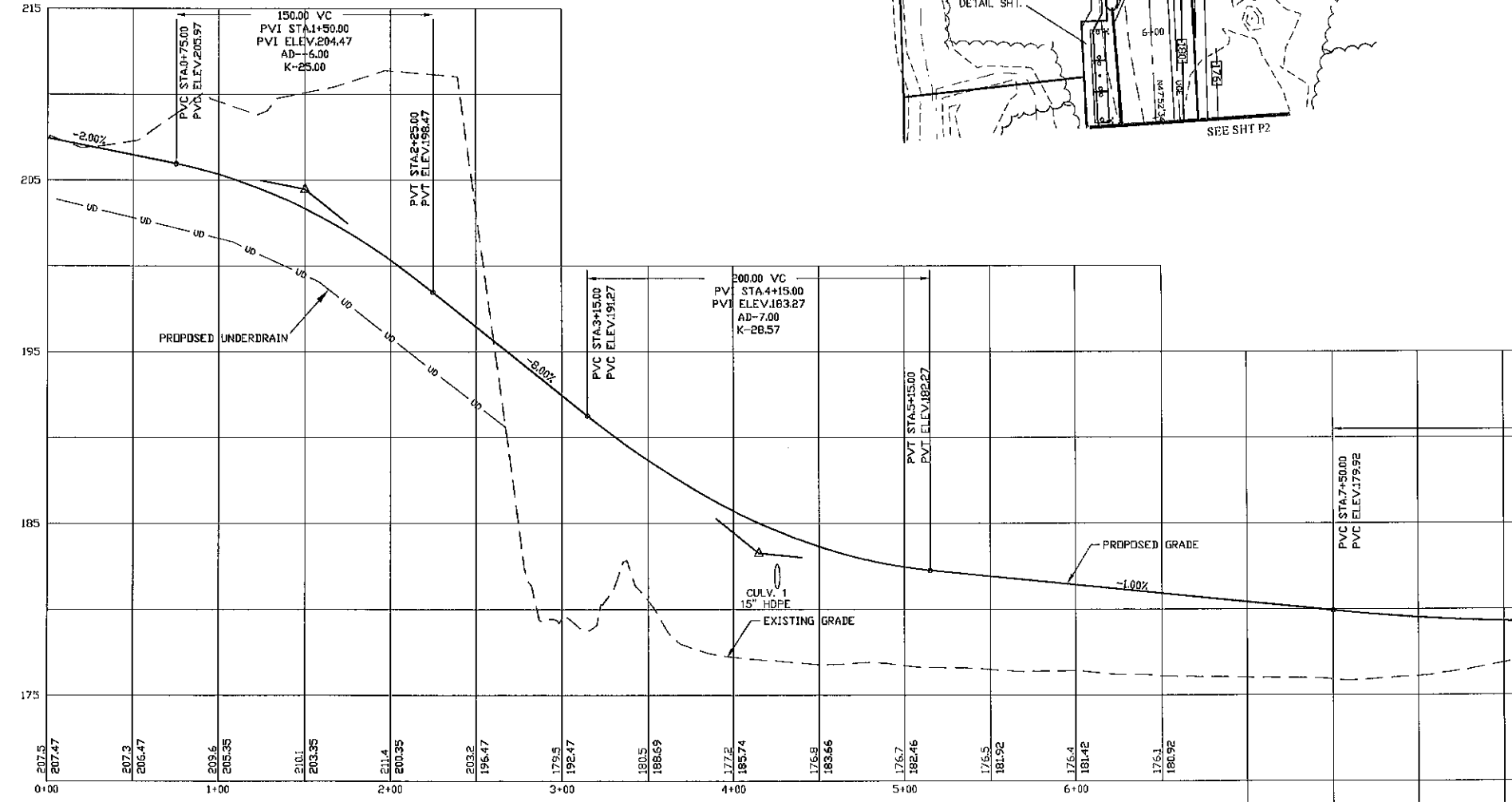
**NOTES**

1. ALL ELECTRICAL, TELEPHONE, CABLE TELEVISION AND ALARM LINES TO BE UNDERGROUND. THE SIZE AND LOCATION IS TO BE DETERMINED BY APPROPRIATE UTILITY COMPANY.
  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 STANDARD SPECIFICATIONS AND TO N.H.D.T. STANDARDS AND REGULATIONS.
  4. ALL DRAINAGE STRUCTURE AND SWALES WILL BE BUILT AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM.
  5. SEE DETAIL SHEETS FOR STANDARD CONSTRUCTION NOTES AND DETAILS.
  6. PROPOSED UNDER DRAINS TO BE INSTALLED AS SHOWN ON THE TYPICAL ROAD CROSS SECTION DETAIL AND TIE INTO DRAINAGE SWALES.
  7. ADT BASED ON 9.44 X 15 = 141.6 FROM LATEST EDITION OF ITE MANUAL 10TH EDITION.
- INSPECTIONS:  
 UPON NOTIFICATION OF APPLICANT, TOWN ENGINEER OR DESIGNEE SHALL PERFORM THE FOLLOWING INSPECTIONS WITHIN 48 HOURS.

- (a) CLEARED AND GRUBBED
- (b) DRAINAGE
- (c) SUBBASE CRUSHED STONE
- (d) CRUSHED STONE BASE
- (e) PAVEMENT INSTALLATION
- (f) UTILITIES
- (g) AS BUILT DRAWINGS
- (h) FINAL INSPECTION



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



PER NO.	6-6-23
REVISED PER REVIEW COMMENTS	1-17-23

**PLAN & PROFILE - P1**

PLAN FOR:  
 RESIDENTIAL DEVELOPMENT  
 MALLIGO ROAD  
 BARRINGTON, NH

DATE:	NOV 2022	SCALE	1" = 40'
PROJ. NO.:	NH-1443	SHEET NO.	15



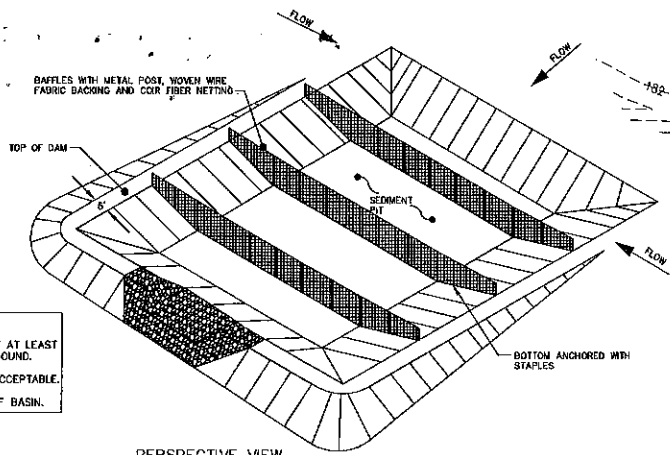
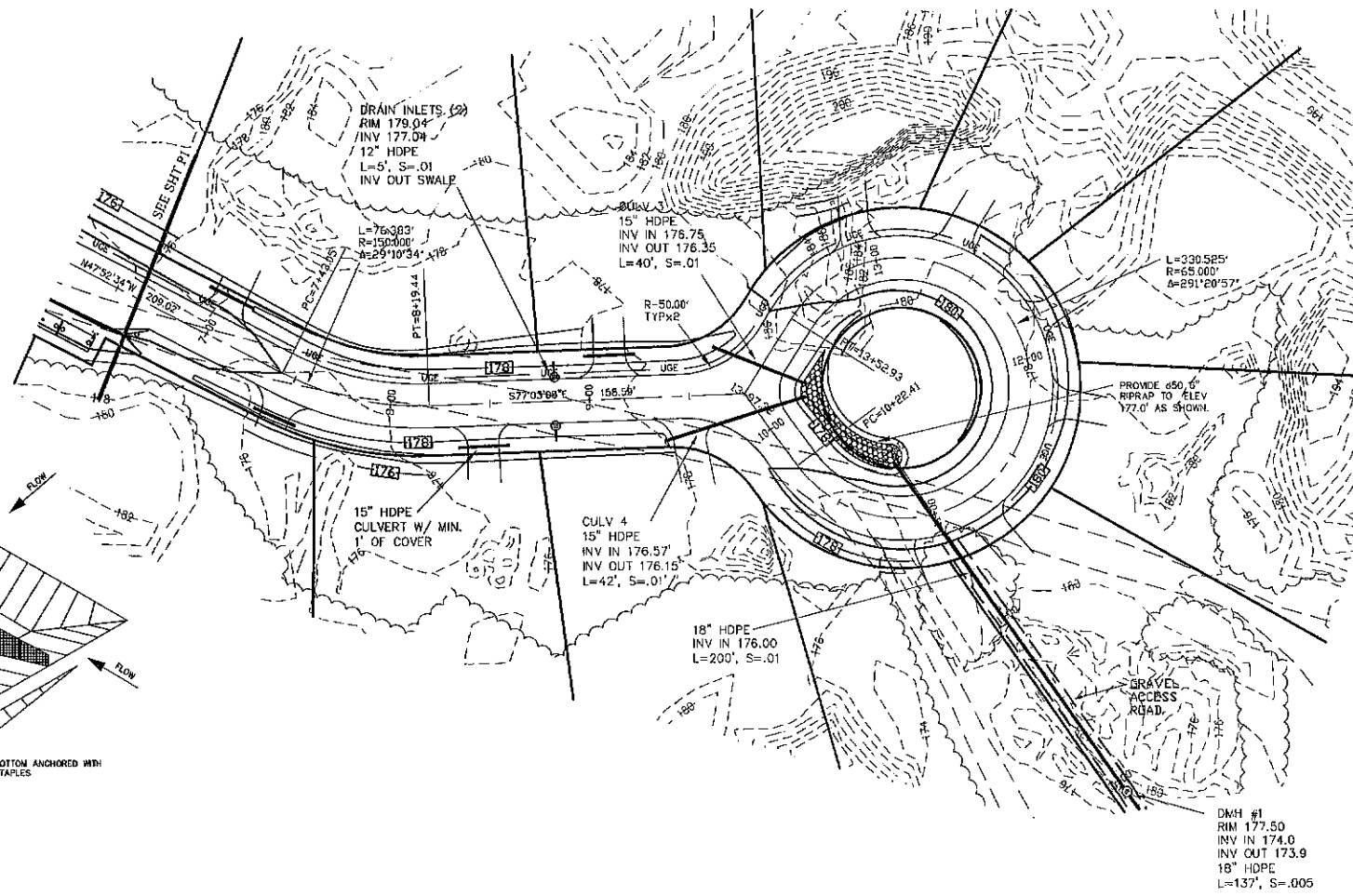
PLANNING BOARD  
BARRINGTON, NH

**-APPROVED-**

File Number **239-35-V-22-17SUB**

Date **6/29/2023**

Chairman *J. Smith*



- 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

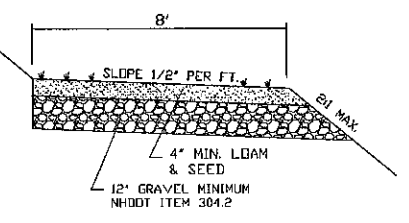
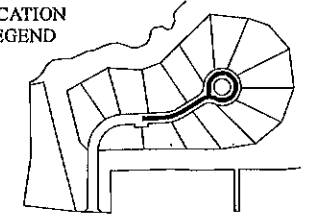


PREPARED FOR:  
**JOSEPH FALZONE**  
7B EMERY LANE  
STRATHAM, N.H. 03885

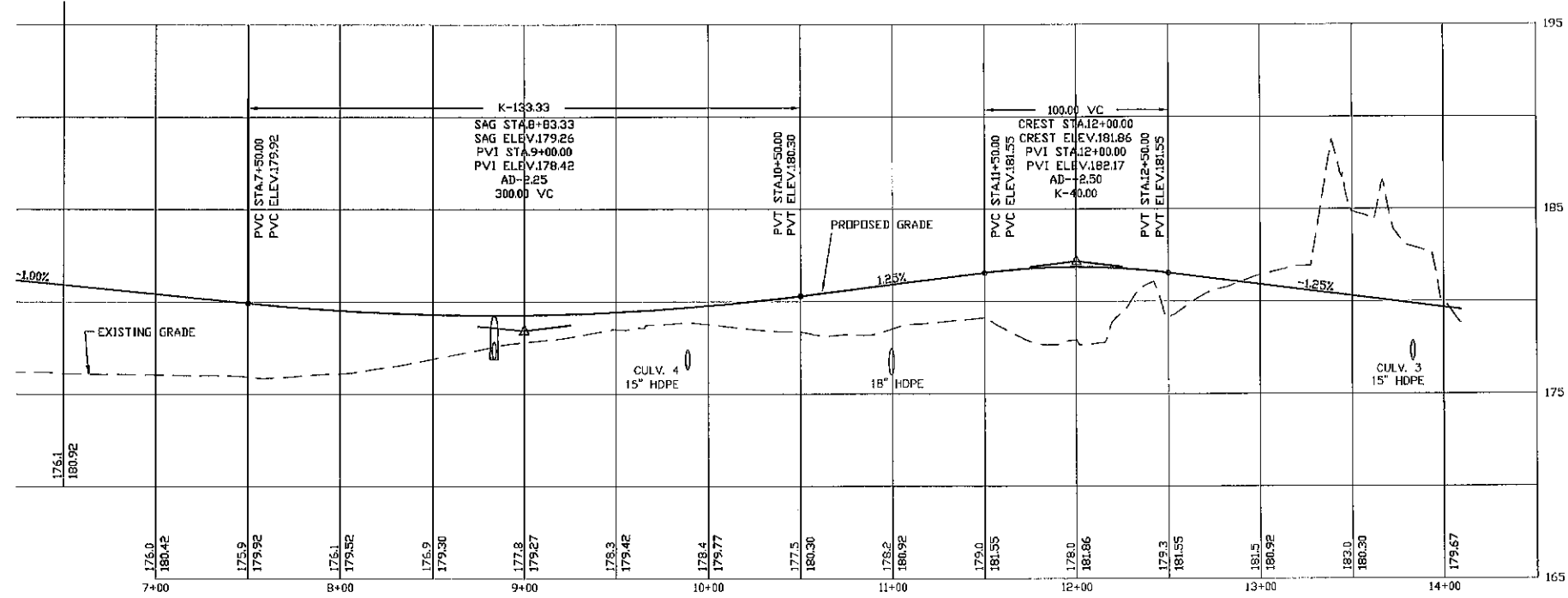


70 PORTSMOUTH AVE,  
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FAX: 603-583-4863

LOCATION  
LEGEND



ACCESS ROAD CROSS SECTION



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



PER NO:	6-6-23
REVISED PER REVIEW COMMENTS:	1-17-23

**PLAN & PROFILE - P2**

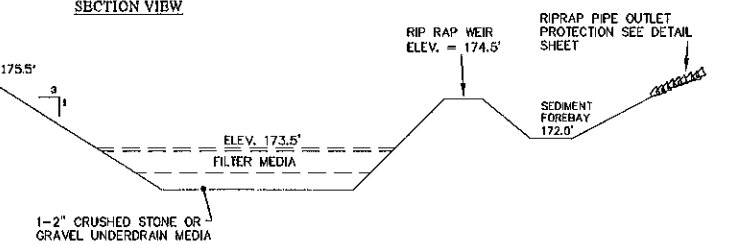
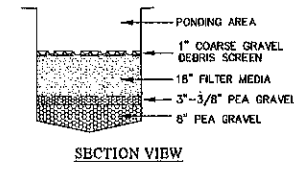
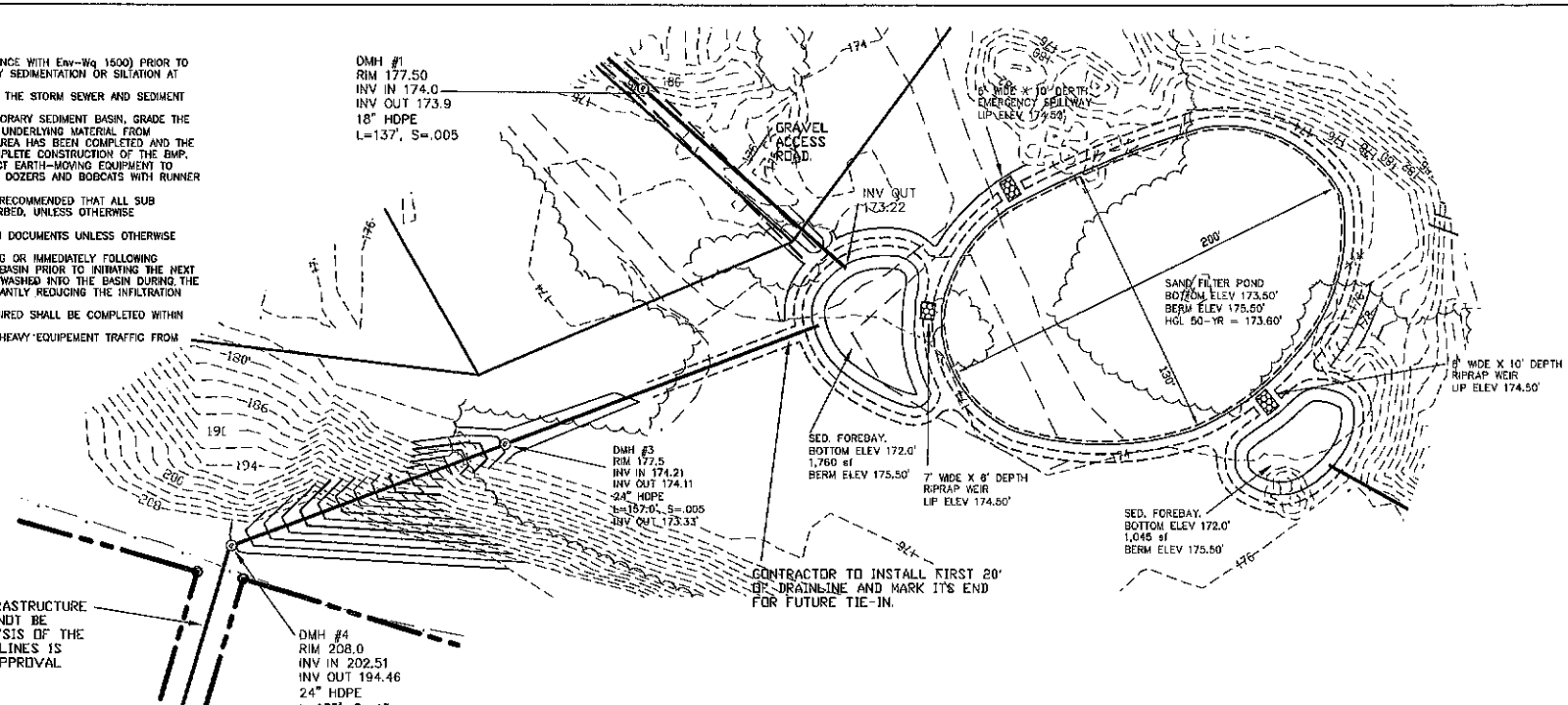
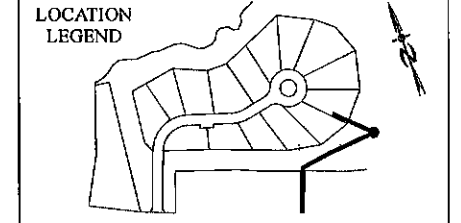
PLAN FOR:  
RESIDENTIAL DEVELOPMENT  
MALLEGO ROAD  
BARRINGTON, NH

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

- GENERAL NOTES:**
- INSTALL ALL TEMPORARY EROSION CONTROL MEASURES (IN ACCORDANCE WITH Env-Wq 1600) PRIOR TO THE START OF ANY CONSTRUCTION OPERATION THAT MAY CAUSE ANY SEDIMENTATION OR SILTATION AT THE SITE.
  - INSTALL STORM DRAIN INLET PROTECTION TO PREVENT CLOGGING OF THE STORM SEWER AND SEDIMENT LOADS TO DOWNSTREAM STORM WATER FACILITIES OR WATERBODIES.
  - 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. GRADING OF THE BASIN SHALL BE ACCOMPLISHED USING LOW-IMPACT EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF THE UNDERLYING SOILS. SMALL TRACKED DOZERS AND ROBOCATS WITH RUNNER TRACKS ARE RECOMMENDED.
  - 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.
  - GRADE TO THE DEPTH (ELEVATION) SPECIFIED IN THE CONSTRUCTION DOCUMENTS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
  - 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.
  - SEEDING AND INSTALLATION OF EROSION CONTROL BLANKET IF REQUIRED SHALL BE COMPLETED WITHIN 48 HOURS OF FINAL GRADING.
  - AREA SHALL BE STAKED OFF DURING CONSTRUCTION TO RESTRICT HEAVY EQUIPMENT TRAFFIC FROM COMPACTING NATIVE SOILS.

PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
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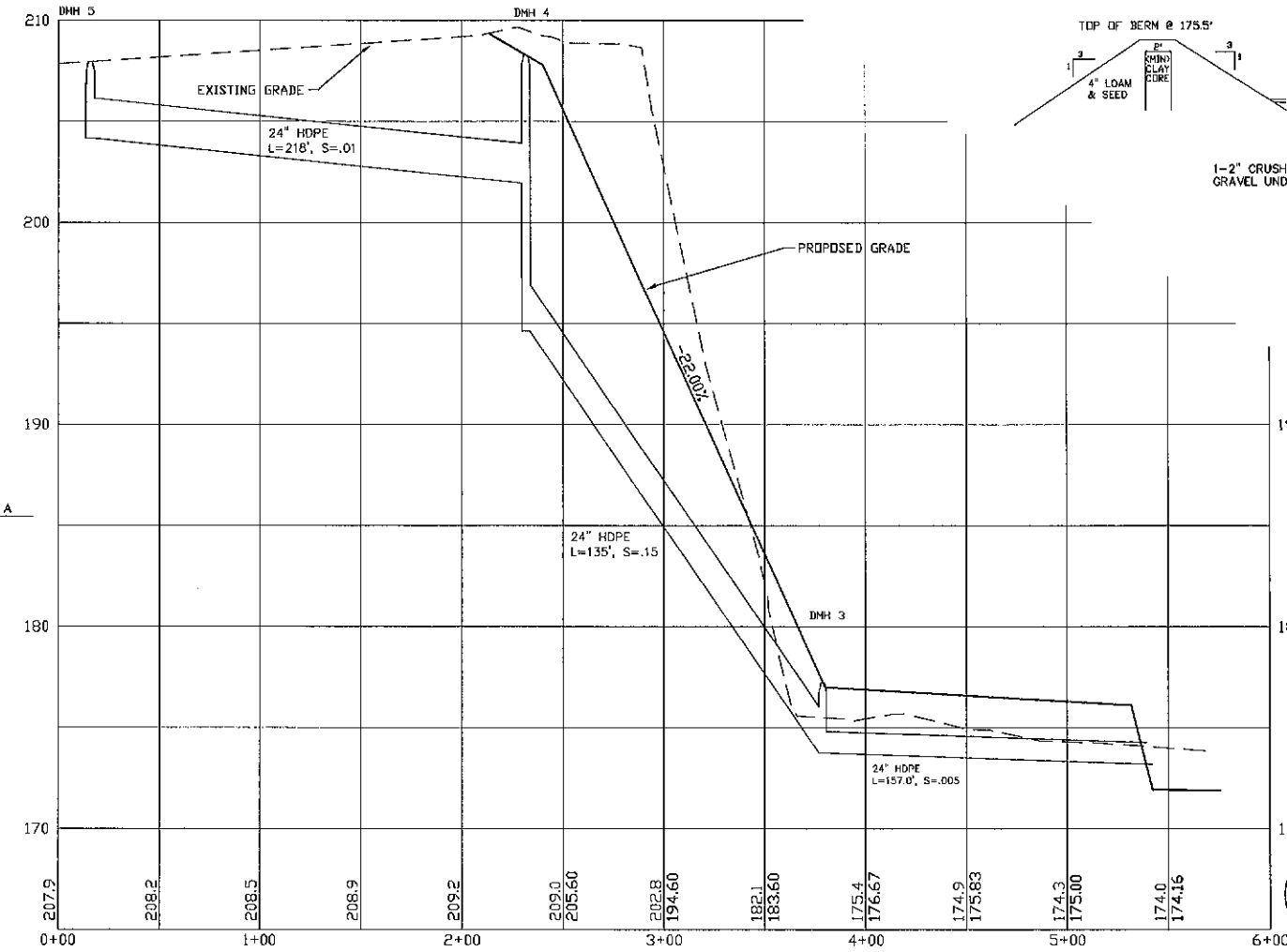
FILL MATERIAL FOR EMBANKMENT SHALL BE TAKEN FROM APPROVED BORROW AREAS. IT SHALL BE CLEAN MINERAL SOIL FREE OF ROOTS, ORGANIC MATTER, AND OTHER DELETERIOUS SUBSTANCES. IT SHALL CONTAIN NO ROCKS OR LUMPS OVER (6) INCHES IN DIMENSION, AND NOT MORE THAN FIFTEEN PERCENT (15%) OF THE ROCKS OR LUMPS SHALL BE GREATER THAN 2 1/2 INCHES OR LESS AND BE COMPACTED TO AT LEAST 90% OF ASTM D-1557. FILL MATERIAL SHALL MEET MHDOT ITEM 304.2: 6" PASSING 100%, #4 SIEVE 70-100%, #200 SIEVE 0-12%.

**SAND FILTER POND PROFILE**

Table 4.3. Filter Media

Component Material	Percent of Material by Volume	Gradation of Material	
		Sieve No.	Percent by Weight Passing Standard Sieve
ASTM C-33 concrete sand Loamy sand (open), with less as indicated Wholesly ben shredded bark or wood fiber mulch, with fines as indicated	10 to 60	200	15 to 26
	20 to 50	200	< 6
	20 to 30	200	< 6
Moderately fine alluvial sand or wood fiber mulch, with fines as indicated	20 to 90	200	< 6
	30 to 50	10	65 to 100
	10	70 to 100	
Loamy coarse sand	10	10 to 40	
	200	8 to 15	

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



**PLANNING BOARD BARRINGTON, NH**  
**- APPROVED -**  
 File Number **239-35-V-22-17SUB**  
 Date **6/29/2023**  
 Chairman **[Signature]**

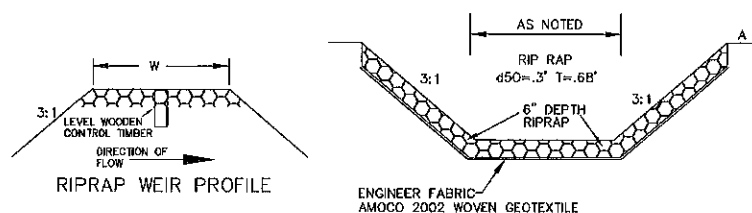


Table 4-13. Gradation of Stone for Level Spreader Berm

Sieve Designation	Percent by Weight Passing Square Mesh Sieve
12-inch	100%
6-inch	84% - 100%
3-inch	66% - 83%
1-inch	42% - 55%
No. 4	8% - 12%

PER REVIEW COMMENTS	6-27-23
PER NOD	6-6-23
REVISED PER NIDES COMMENTS	5-24-23
REVISED PER REVIEW COMMENTS	1-17-23

**PLAN & PROFILE - P3**

PLAN FOR:  
 RESIDENTIAL DEVELOPMENT  
 MALLEGO ROAD  
 BARRINGTON, NH

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

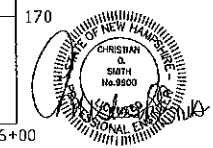
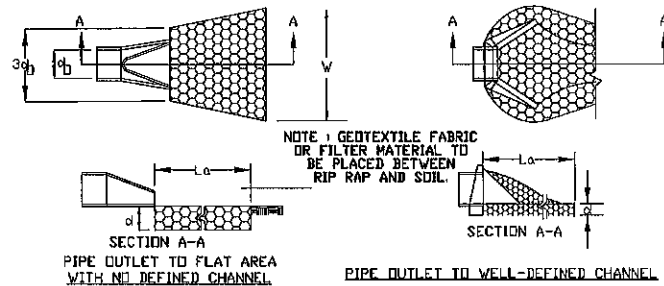


TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES			
THICKNESS OF RIP RAP = 1.12 FEET			
ø50 SIZE =	0.50	FEET	6 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN ø50 SIZE	SIZE OF STONE (INCHES) FROM	SIZE OF STONE (INCHES) TO	
100%	9	12	
85%	8	11	
50%	6	9	
15%	2	3	

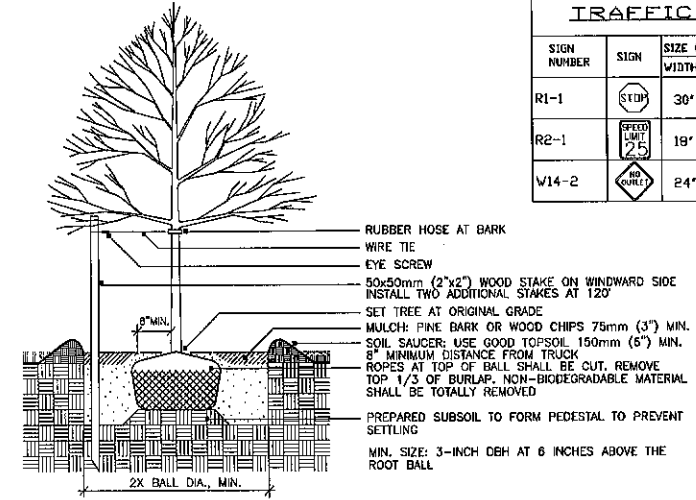


**CONSTRUCTION SPECIFICATIONS**

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 RIP RAP 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.



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

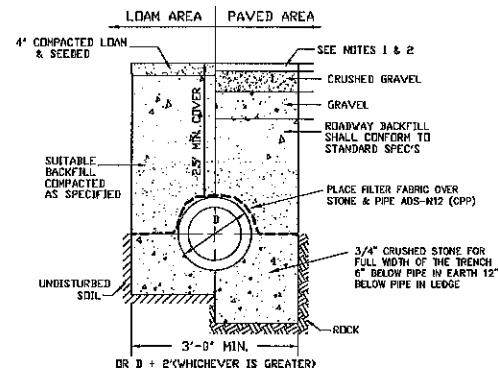
TRAFFIC CONTROL SCHEDULE					
SIGN NUMBER	SIGN	SIZE OF SIGN WIDTH HEIGHT	DESCRIPTION	MOUNT TYPE	MOUNT HEIGHT
R1-1	(STOP)	30' 30'	WHITE ON RED	CHANNEL	7'-0"
R2-1	(SPEED LIMIT 25)	19' 24'	BLACK ON WHITE	CHANNEL	7'-0"
V14-2	(WARRANTY)	24' 24'	BLACK ON YELLOW	CHANNEL	7'-0"

PLANNING BOARD  
BARRINGTON, NH  
**- APPROVED -**

File Number **239-35-V-22-17SUB**

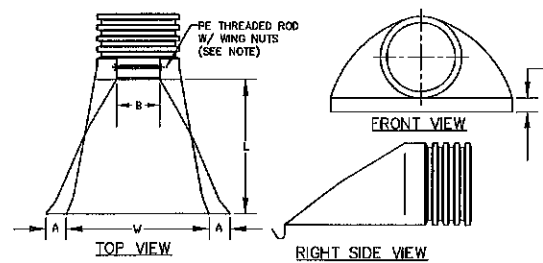
Date **6/29/2023**

Chairman *Julia*



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

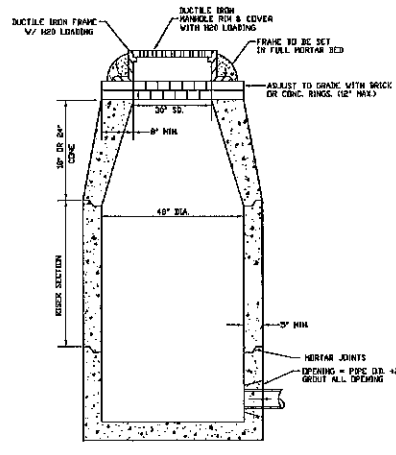


NOTE: PE THREADED ROD W/ WING NUTS PROVIDED FOR END SECTIONS 15"-24". 30" & 36" END SECTIONS TO BE WELDED PER MANUFACTURER'S RECOMMENDATIONS.

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

PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1510-NP	16" / 375 mm	6.5" / 165 mm	10" / 254 mm	6.5" / 165 mm	25" / 635 mm	29" / 735 mm
1810-NP	18" / 450 mm	7.5" / 190 mm	15" / 380 mm	6.5" / 165 mm	32" / 812 mm	35" / 890 mm
2410-NP	24" / 600 mm	7.5" / 190 mm	18" / 450 mm	6.5" / 165 mm	36" / 900 mm	45" / 1140 mm
3010-NP	30" / 750 mm	10.5" / 266 mm	N/A	7.0" / 178 mm	53" / 1345 mm	68" / 1725 mm
3610-NP	36" / 900 mm	10.5" / 266 mm	N/A	7.0" / 178 mm	53" / 1345 mm	68" / 1725 mm

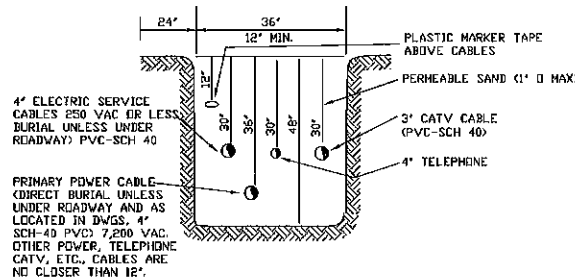
PIPE OUTLET PROTECTION



PRECAST DRAIN MANHOLE  
NOT TO SCALE

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

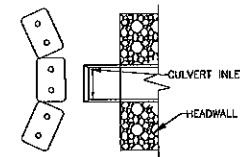
SERVICE BOX CONNECTIONS SHALL BE 'FLUSH MOUNT' TO GREATEST EXTENT POSSIBLE AND LOCATED AT PROPERTY LINE CORNERS.



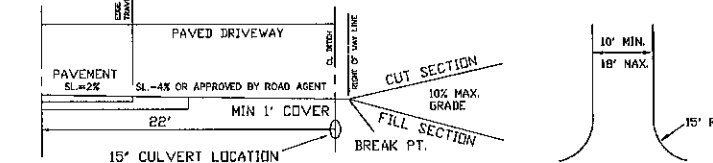
UTILITY TRENCH DETAIL

**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.

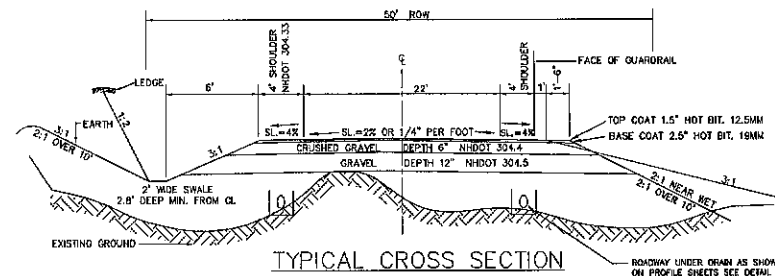


INLET PROTECTION  
NORMAL USE AT CULVERT INLETS  
NOT TO SCALE



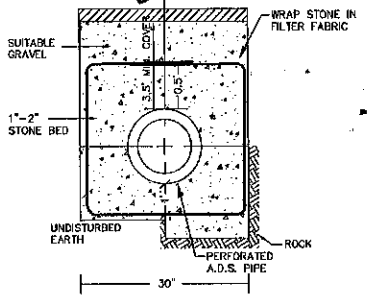
NOTE: ALL DRIVEWAYS NOT COMPLETELY CONSTRUCTED WITH CULVERT INSTALLED PRIOR TO LOT DEVELOPEMENT WILL REQUIRE A STAGED CONSTRUCTION ENTRANCE AND BE BONDED PER TOWN ROAD AGENT.

TYPICAL RURAL DRIVEWAY - CROSS SECTION  
NOT TO SCALE



TYPICAL CROSS SECTION  
NOT TO SCALE

- NOTE: ALL DISTURBED AREAS TO HAVE 4" MIN LOAM & SEED. GRAVEL DEPTHS MAY NEED TO BE INCREASED IN AREAS OF POOR SOILS. GRAVEL MAY BE PLACED AT 10' LIFTS. COMPACTION SHALL BE PERFORMED UNTIL 95% OF MAXIMUM DRY DENSITY IS ACHIEVED IN ACCORDANCE W/ AASHTO T99 PER TOWN REGS. ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE ROAD BED PER TOWN REGULATIONS. PAVEMENT: 1.5% AND 1.5% NOMINAL AGGREGATE HOT BITUMINOUS PAVEMENT. JOB MIXES SHALL CONFORM TO 50 CYRATON SUPERPAVE MIX DESIGN CRITERIA. ALL 50MM NOMINAL AGGREGATE HOT BITUMINOUS PAVEMENT. JOB MIXES SHALL CONFORM TO 75 CYRATON SUPERPAVE MIX DESIGN CRITERIA. THE MINIMUM BINDER CONTENT SHALL BE 5.5% FOR 50MM MIX DESIGNS; 5.5% FOR 12.5MM MIX DESIGNS; AND 5.1% FOR 19MM MIX DESIGNS. ALL PAVEMENT MIXES SHALL HAVE A MAXIMUM TOTAL REUSED BINDER CONTENT OF 0.5% AND MEET ALL THE VOLUMETRIC MIX DESIGN CRITERIA. LIQUID ASPHALT CEMENT BINDER SHALL HAVE A PERFORMANCE GRADE (PG) OF PG 64-28 FOR ALL STANDARD BITUMINOUS PAVEMENTS AND PG 76-28 FOR ALL HIGH STRENGTH BITUMINOUS PAVEMENTS. ASPHALT EMULSION FIBER TACK COAT (FIBER AUGER) SHALL BE APPLIED BETWEEN ALL PAVEMENT LIFTS, INCLUDING EXISTING AND NEW PAVEMENT IN ACCORDANCE WITH NHDOT SECTION 405. PAVEMENT SHALL NOT BE INSTALLED WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 40 DEGREES FAHRENHEIT, NOR WHEN THE ROAD SURFACE TEMPERATURE IS BELOW 40 DEGREES FAHRENHEIT. ALL BASE/BINDER PAVEMENT THAT IS INSTALLED AND LEFT WITHOUT A WEARING COURSE THROUGH THE WINTER SEASON SHALL BE NHDOT'S 194MM WINTER BINDER PAVEMENT MIX DESIGN. THE MIX SHALL HAVE A MINIMUM LIQUID ASPHALT CONTENT OF 5.3% AND AT LEAST 50% 60# AGGREGATE PASSING THE #4 SIEVE. PAVEMENT JOINT ADHESIVE (ITEM 4838) SHALL BE APPLIED TO LONGITUDINAL JOINTS IN ACCORDANCE WITH NHDOT SECTION 401.



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

CONSTRUCTION DETAILS DI	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGO ROAD BARRINGTON, NH	
PER NCD	6-6-23
REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:
DATE:	NOV 2022
SCALE:	NTS
PROJ. NO:	NH-1443
SHEET NO.	20

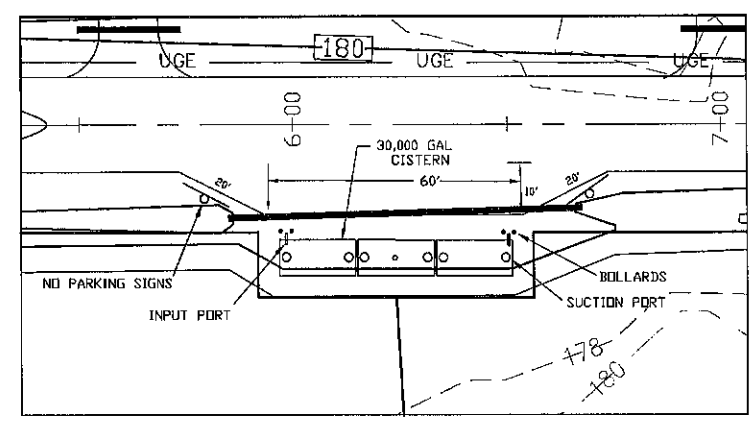
PREPARED FOR:  
**JOSEPH FALZONE**  
 7B EMERY LANE  
 STRATHAM, N.H. 03885

**BA**  
**BEALS**  
 ASSOCIATES, PLLC

70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
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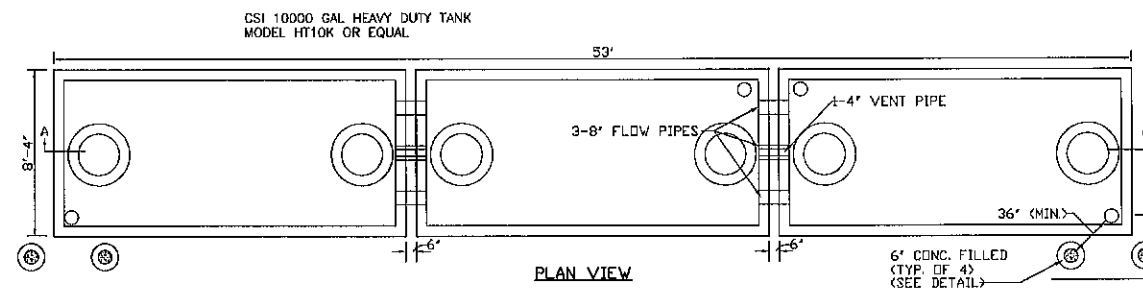
**CISTERN SPECIFICATIONS**

1. THE CISTERN SHALL BE DESIGNED TO BE TROUBLE FREE, AND IT SHALL BE DESIGNED TO LAST 50 YEARS.
2. THE MINIMUM CAPACITY SHALL BE 10,000 GALLONS. DEPENDING ON THE DEVELOPMENT LAYOUT/CONFIGURATION, ADDITIONAL GALLON REQUIREMENTS MAY BE IMPOSED AT THE DISCRETION OF THE FIRE CHIEF. ALL EXCEPTIONS, ADDITIONS, OR DELETIONS WILL BE IN WRITING.
3. THE SUCTION CAPACITY SHALL BE CAPABLE OF DELIVERING 1,000 GALLONS PER MINUTE (GPM) FOR THREE-QUARTERS OF THE CISTERN CAPACITY.
4. THE ENTIRE CISTERN AND APPURTENANCES SHALL BE RATED FOR HS-20 HIGHWAY LOADING.
5. DRAWINGS OF THE DESIGN ARE FOR ESTIMATING GENERAL REQUIREMENT AND DESIGN PURPOSES ONLY AND ARE NOT INTENDED FOR USE AS DESIGN.
6. EACH CISTERN SHALL BE DESIGNED, SITED TO THE PARTICULAR LOCATION, STAMPED BY A REGISTERED ENGINEER, AND APPROVED BY THE FIRE CHIEF.
7. ALL SUCTION AND FILL PIPING SHALL BE AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM) SCHEDULE 40 STEEL. ALL VENT PIPING SHALL BE ASTM SCHEDULE 40 STEEL WITH WELDED JOINTS. ALL PIPING LOCATED WITHIN THE TANK SHALL BE ASTM SCHEDULE 40 STEEL WITH WELDED JOINTS. ALL PIPING LEADING FROM THE TANK TO THE HYDRANT SHALL BE ASTM SCHEDULE 40 STEEL.
8. THE FINAL SUCTION CONNECTION SHALL BE FIVE INCH PUMPER NOZZLE WITH A CAP. THE SUCTION PIPE SHALL BE BRACED TO ENSURE DURABILITY DURING PUMPING OPERATIONS. THE FIRE CHIEF SHALL APPROVE BRACE CONFIGURATION AND INSTALLATION. THE SUCTION PIPE CONNECTION SHALL BE TWENTY-FOUR INCHES ABOVE THE LEVEL OF THE VEHICLE PAD WHERE VEHICLE WHEELS WILL BE LOCATED WHEN THE CISTERN IS IN USE.
9. THE FILLER CONNECTION SHALL BE INSTALLED INTO THE EIGHT INCH VENT WITH 4" MALE STEEL STORZ FITTING. THIS FITTING SHALL BE 24" ABOVE FINISH GRADE AND FACE THE ROAD. A THIRTY-TWO INCH DIAMETER MANHOLE WITH COVER WILL BE LOCATED ON TOP OF THE CISTERN. THE CONFIGURATION OF THIS MANHOLE SHALL ALLOW THE UNIT TO BE SECURED WITH TWO PADLOCKS AND SHALL BE APPROVED BY THE FIRE CHIEF. THE PADLOCKS WILL BE SUPPLIED BY THE FIRE DEPARTMENT.
10. THE DISTANCE FROM THE BOTTOM OF THE SUCTION PIPE TO THE PUMPER CONNECTION SHALL NOT EXCEED FOURTEEN FEET VERTICAL.
11. ALL HORIZONTAL SUCTION PIPING SHALL SLOPE SLIGHTLY UPHILL TOWARD THE PUMPER CONNECTION.
12. BEDDING FOR THE CISTERN SHALL CONSIST OF A MINIMUM OF TWELVE INCHES OF 3/4" TO 1 1/2" WASHED PEA STONE, COMPACTED. NO FILL SHALL BE USED UNDER THE STONE. OVER EXCAVATION SHALL BE FILLED WITH THE SAME STONE BEDDING MATERIAL.
13. ALL BACKFILL MATERIALS SHALL BE SCREENED GRAVEL WITH NO STONES LARGER THAN SIX INCHES AND SHALL BE COMPACTED TO 95 PERCENT OF ITS ORIGINAL VOLUME IN ACCORDANCE WITH ASTM D 1557. 10. THE TOP OF CISTERN SHALL BE INSULATED WITH VERMIN RESISTANT FOAM INSULATION AND TWO FEET OF BACKFILL WITH A MINIMUM WEIGHT OF 120 PCF, COMPACTED. FOAM USED FOR THIS INSTALLATION SHALL BE CLOSED CELL POLYURETHANE FOAM WITH AN INSULATION FACTOR OF R=5 PER INCH. ALL BACKFILL SHALL EXTEND TEN FEET BEYOND THE EDGE OF THE VEHICLE PAD AND THEN HAVE A MAXIMUM OF 3:1 SLOPE, LOAM AND SEEDED.
14. BEFORE ANY BACKFILLING IS DONE THE ENTIRE CISTERN SHALL BE COMPLETED AND INSPECTED BY THE FIRE CHIEF.
15. AFTER BACKFILLING, BOLLARDS OR LARGE STONES SHALL BE PLACED TO PROTECT THE TANK AND APPURTENANCES.
16. THE PITCH OF THE SHOULDER AND VEHICLE PAD FROM THE EDGE OF THE PAVEMENT TO THE PUMPER SUCTION CONNECTION SHALL BE ONE PERCENT TO THREE PERCENT DOWNGRADE.
17. THE SHOULDER AND VEHICLE PAD SHALL BE OF A SUFFICIENT LENGTH TO ALLOW CONVENIENT ACCESS TO THE SUCTION CONNECTION WHEN THE PUMPER IS SET AT 45 DEGREES TO THE ROAD. THE SHOULDER AND VEHICLE PAD SECTION SHALL CONSIST OF 3" BITUMINOUS PAVING, REFER TO SITE PLAN FOR REQUIREMENTS.
18. THE SUCTION FITTING SHALL BE LOCATED BETWEEN 22 AND 24 FEET FROM THE NEAREST RUNNING EDGE OF ROAD PAVEMENT. TWO CONCRETE FILLED STEEL BOLLARDS SHALL BE PLACED IN A MANNER TO PROTECT THE HYDRANT. THE BASE OF THESE BOLLARDS SHALL EXTEND BELOW THE FROST LINE. THE UPPER PORTION OF THE BOLLARDS SHALL EXTEND THIRTY SIX INCHES ABOVE THE LEVEL OF THE VEHICLE PAD WHERE VEHICLE WHEELS WILL BE LOCATED WHEN THE CISTERN IS IN USE.
19. ALL CONSTRUCTION, BACKFILL, AND GRADING MATERIALS SHALL BE IN ACCORDANCE WITH PROPER CONSTRUCTION PRACTICES AND SHALL BE ACCEPTABLE TO THE FIRE CHIEF.
20. THE FIRE CHIEF (OR REPRESENTATIVE) AND THE ENGINEER'S INSPECTOR WILL BE NOTIFIED BY THE CONTRACTOR TO OBSERVE THE FOLLOWING POINTS OF INSTALLATION:
  - A. EXCAVATION COMPLETE.
  - B. CRUSHED STONE INSTALLED AND COMPACTED
  - C. BACKFILLING COMPLETE PRIOR TO PLACEMENT OF INSULATION.
  - D. PLACEMENT OF INSULATION.
  - E. START AND FINISH OF LEAKAGE TEST.
  - F. PIPING MANWAYS AND BOLLARDS IN PLACE AND PAINTED.
  - G. ALL BACKFILLING LOAM, SEED, ETC. COMPLETE WITH TURNOUT GRAVEL IN PLACE AND GRADED.
  - H. PAVEMENT COMPLETE, AND ALL OTHER WORK 100% COMPLETE.
21. THE FIRE CHIEF SHALL BE NOTIFIED OF THE DATE THAT SITE WORK IS TO BEGIN.
22. ANY EXCEPTION, ADDITIONS, OR DELETIONS ARE DATED AND NOTED BELOW.
23. CONCRETE MUST HAVE A MINIMUM OF 150 PCF.
24. STONE AND GRAVEL BACKFILL MUST HAVE A MINIMUM OF 120 PCF.

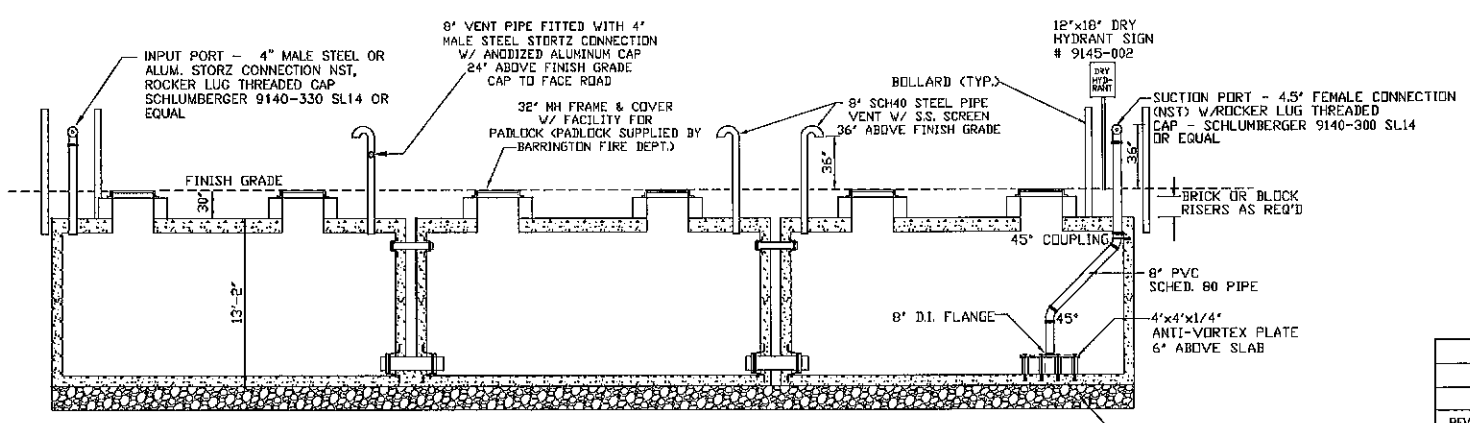


CISTERN SITE PLAN  
 SCALE: 1"=20'

**PLANNING BOARD**  
**BARRINGTON, NH**  
**- APPROVED -**  
 File Number **239-35-V-22-17SUB**  
 Date **6/29/2023**  
 Chairman *[Signature]*



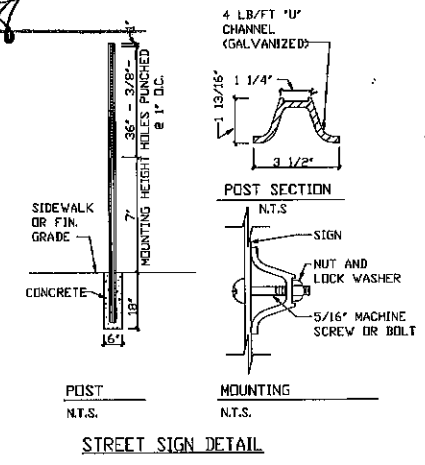
PLAN VIEW



SECTION A-A

- NOTES
1. CONCRETE: 5,000 PSI AFTER 28 DAYS.
  2. REINFORCED FOR H-20 LOADING.
  3. JOINTS SEALED WATER TIGHT.
  4. ALL BELOW GRADE EXTERIOR SURFACES OF THE TANK SHALL BE COATED WITH KOL-TAR'S BLACK SHIELD ASPHALT COATING, OR APPROVED EQUAL.
  5. CISTERN INSTALLATION MUST CONFORM WITH ALL LOCAL FIRE DEPARTMENT REQUIREMENTS.

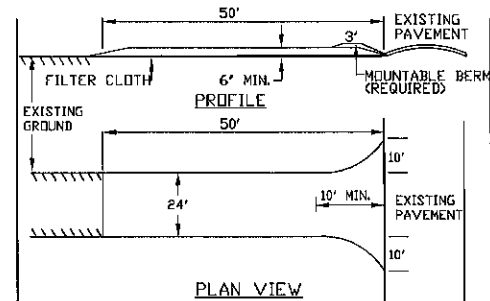
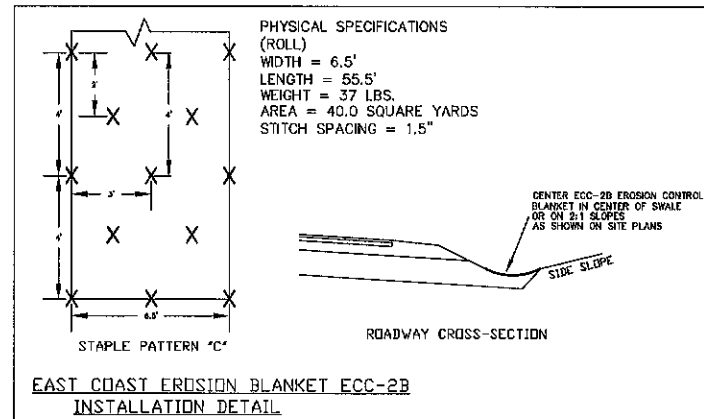
PROPOSED 30,000 GAL. FIRE CISTERN DETAIL  
 NOT TO SCALE



STREET SIGN DETAIL



REVISED PER REVIEW COMMENTS	1-17-23
REVISIONS:	DATE:
<b>FIRE CISTERN DETAILS</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGO ROAD BARRINGTON, NH	
DATE: NOV 2022	SCALE NTS
PROJ. NO: NH-1443	SHEET NO. 21



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.

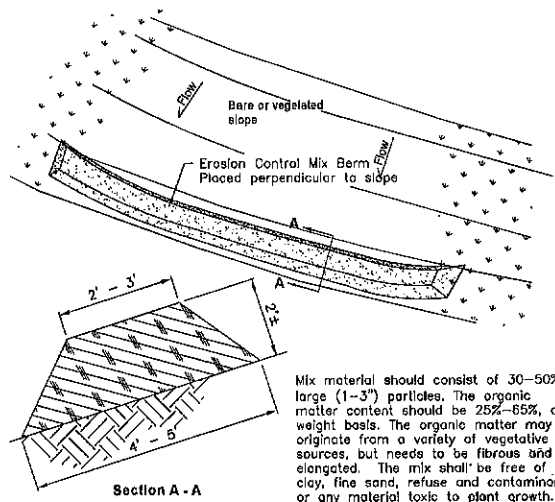
**STABILIZED CONSTRUCTION ENTRANCE**

**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 THE SWALES ARE TO BE MATTED 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.

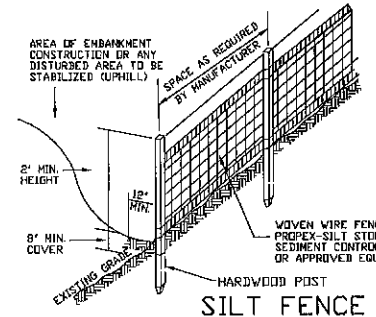
**SEEDING SPECIFICATIONS**

1. GRADING AND SHAPING
  - A. SLOPES SHALL NOT BE STEEPER THAN 2:1(3) SLOPES OR FLATTER ARE PREFERRED WHERE MOWING WILL BE DONE, 3:1 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 FUTURE 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(E)-1 THIS SHEET FOR APPROPRIATE SEED MIXTURES AND TABLE(E)-1 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 SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED 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.



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 overflow 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".
  2. THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 18" 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/	DROUGHT	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BARROW AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	GOOD	FAIR
	C	POOR	FAIR	EXCELLENT	EXCELLENT
WATERWAYS, EMERGENCY SITUATIONS AND OTHER CHANNELS WITH FLOWING WATER	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, LOADING AND RECREATION SITES	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	EXCELLENT	EXCELLENT	FAIR
PLAY AREAS AND ATHLETIC FIELDS (TOPSOIL IS ESSENTIAL FOR GOOD TURF)	F	FAIR	EXCELLENT	EXCELLENT	B/E
	G	FAIR	EXCELLENT	EXCELLENT	B/E

GRAVEL PIT, SEE NH-84-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.  
 1/ REFER TO SEEDING MIXTURES AND RATES IN TABLE 7-36.  
 2/ POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.  
 NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR OATS AT A RATE OF 2.5 LBS. PER 1000 SF. AND SHALL BE PLACED PRIOR TO OCT. 15, IF PERMANENT SEEDING NOT YET COMPLETE.

**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. (46 POUNDS PER ACRE) SEE SEED 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.
- \* 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 18 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 HEATING, 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://cfpub.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 PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. ALL DISTURBED AREAS SHALL BE 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 SILTATION OF ADJUTING 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. LUL 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.

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**PLANNING BOARD**  
**BARRINGTON, NH**  
**-APPROVED-**  
 File Number **239-35-V-22-17SUB**  
 Date **6/29/2023**  
 Chairman *[Signature]*

**SEEDING RATES**

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
A. TALL FESCUE	20	0.45
CREEPING RED FESCUE	20	0.45
RED TOP	2	0.05
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREEPING RED FESCUE	10	0.25
CROWN VETCH	15	0.35
OR FLAT PEA	30	0.75
TOTAL	40 OR 55	0.95 OR 1.35
C. TALL FESCUE	80	0.45
CREEPING RED FESCUE	80	0.45
BIRDS FOOT TREFLOIL	28	0.60
TOTAL	188	1.50
D. TALL FESCUE	80	0.45
FLAT PEA	38	0.75
TOTAL	50	1.20
E. CREEPING RED FESCUE 1/	50	1.15
KENTUCKY BLUEGRASS 1/	38	1.15
TOTAL	108	2.30
F. TALL FESCUE 1	150	2.60

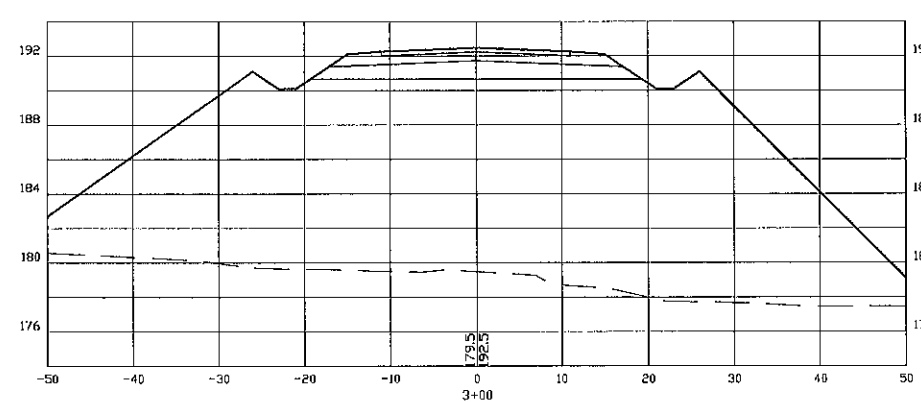
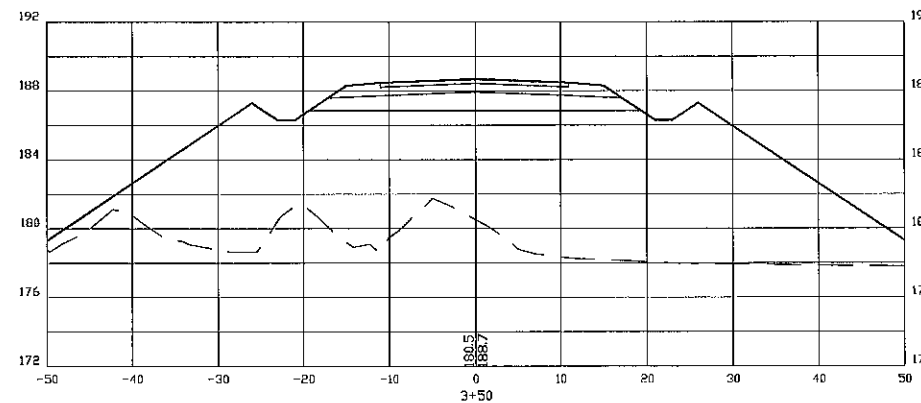
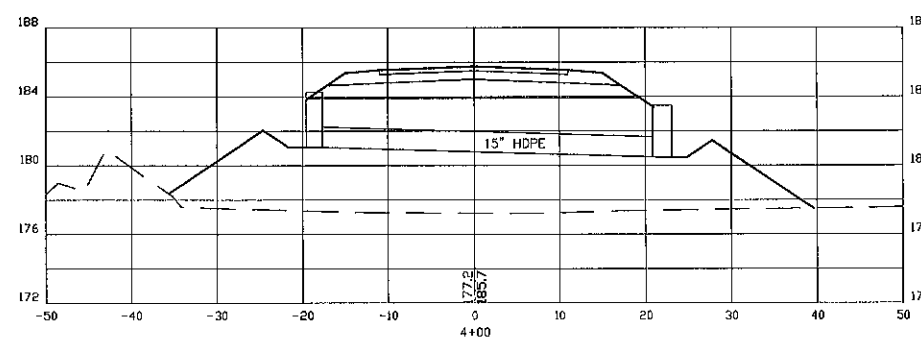
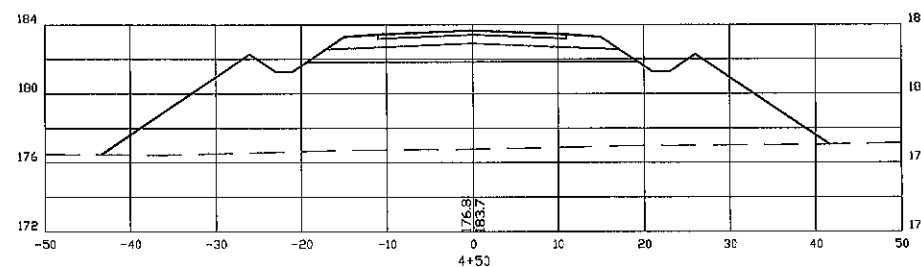
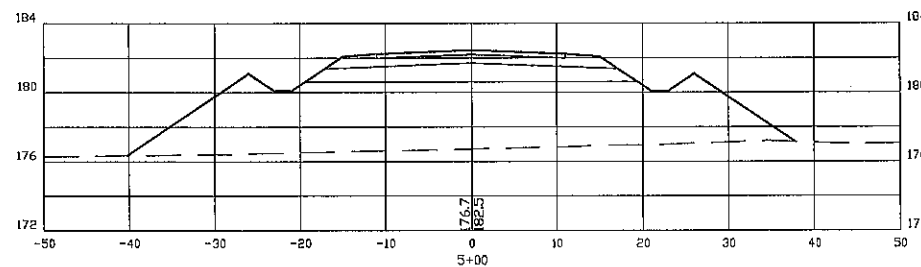
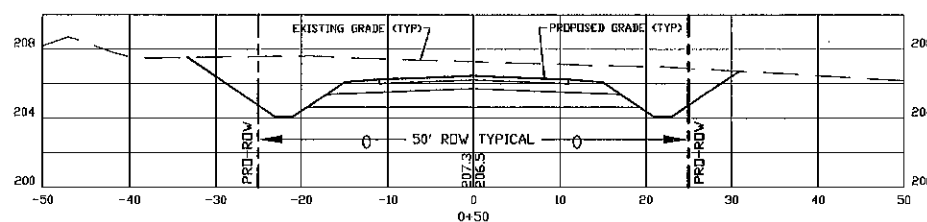
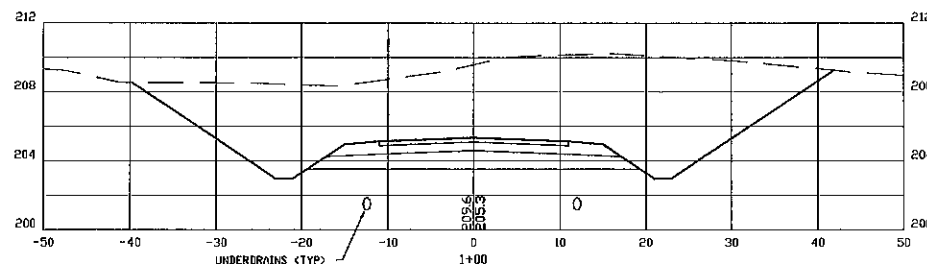
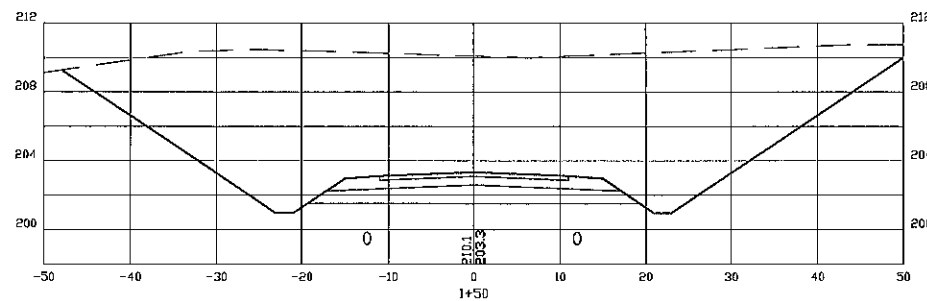
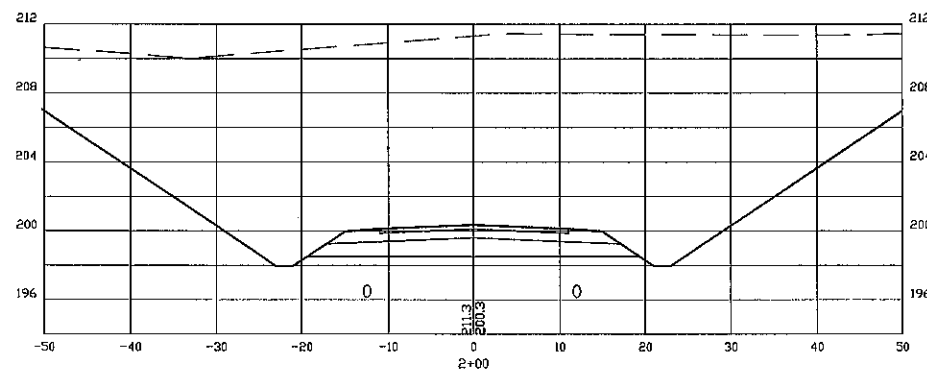
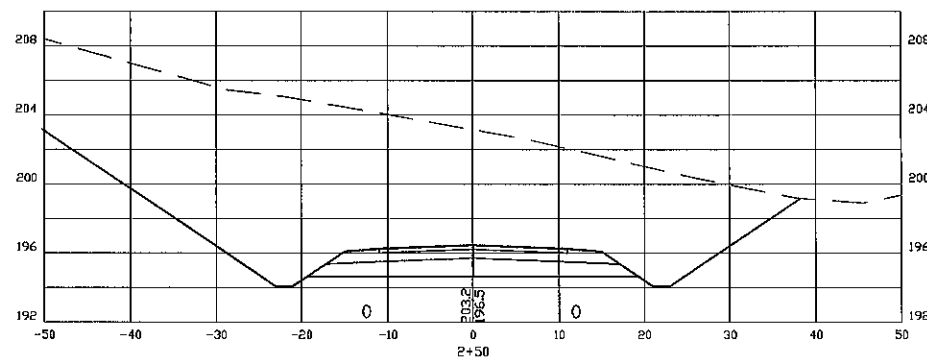
1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

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

**EROSION & SEDIMENTATION**

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

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



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PLANNING BOARD  
 BARRINGTON, NH  
**- APPROVED -**  
 File Number 239-35-V-22-175AB  
 Date 6/29/2023  
 Chairman *[Signature]*



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

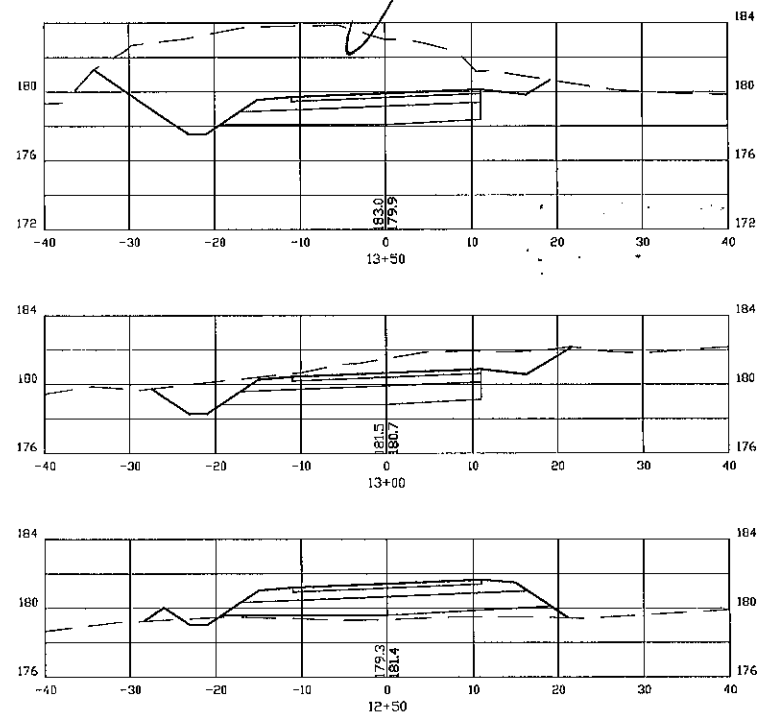
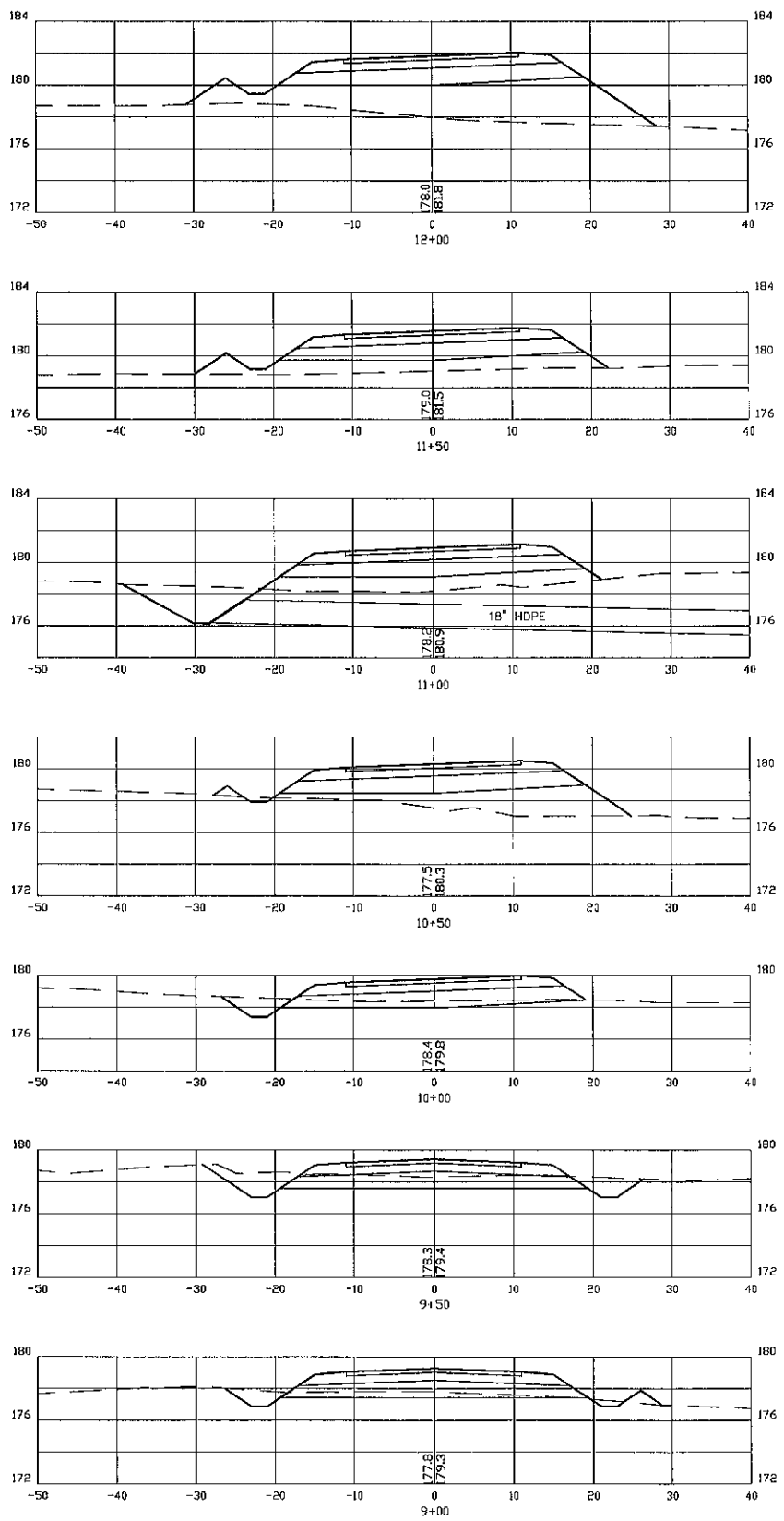
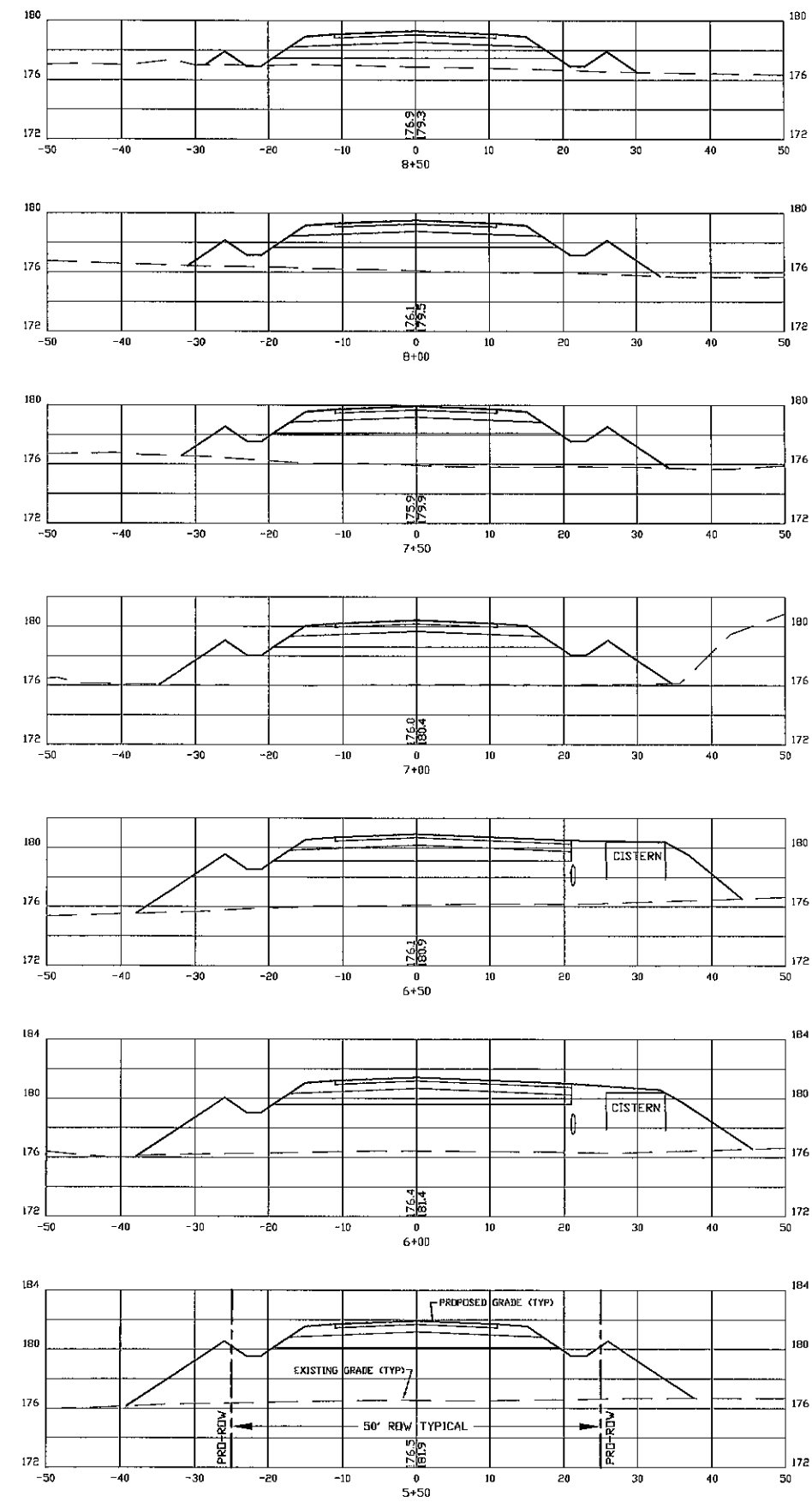
PER REVIEW COMMENTS	6-27-23
REVISIONS:	DATE:
<b>ROAD CROSS SECTIONS X1</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGO ROAD BARRINGTON, NH	
DATE: NOV 2022	SCALE: 1"=10'
PROJ. NO: NH-1443	SHT. NO. 23

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PLANNING BOARD  
 BARRINGTON, NH  
**- APPROVED -**  
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 Date 6/29/2023  
 Chairman [Signature]



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

REVISIONS:	DATE:
<b>ROAD CROSS SECTIONS X2</b>	
PLAN FOR: RESIDENTIAL DEVELOPMENT MALLEGRO ROAD BARRINGTON, NH	
DATE: NOV 2022	SCALE: 1" = 10'
PROJ. NO: NH-1443	SHT NO. 24

