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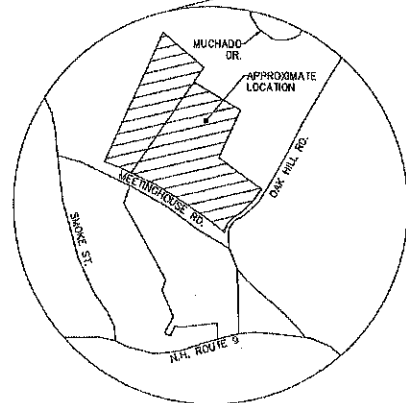
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* INDICATES A PLAN IS TO BE RECORDED

NOTE:

BERRY SURVEYING & ENGINEERING HAS PREPARED AN INSPECTION & MAINTENANCE MANUAL AS PART OF THIS PROJECT'S DOCUMENTATION. ALL USERS ARE BOUND TO THIS DOCUMENT AS PART OF THE APPROVAL OF THE PLANNING BOARD. COPIES OF THE YEARLY INSPECTIONS ARE TO BE DELIVERED TO THE TOWN OF BARRINGTON PLANNING DEPARTMENT.

LOCATION PLAN
 BARRINGTON, NH
 NOT TO SCALE



REQUIRED PERMITS:

- 1.) NHDES SUBDIVISION PERMIT: ESA2019091802
- 2.) NHDES WETLANDS IMPACT PERMIT: 2019-02162
- 3.) NHDES ALTERATION OF TERRAIN PERMIT: Aot-1844
- 4.) EPA NOTICE OF INTENT / SWPPP: NHR1000TY
- 5.) NATURAL HERITAGE BUREAU: NHB18-3822
- 6.) DIVISION OF HISTORICAL RECOURSES: 10923
- 7.) 9.6: APPROVED

GENERAL PLAN SET NOTES:

- 1.) 11x17" PLANS ARE HALF THE PUBLISHED SCALE.
- 2.) ALL PLANS ARE CONSIDERED TO BE NOT FOR CONSTRUCTION UNLESS THEY CONTAIN THE APPROVAL STAMP OF THE TOWN OF BARRINGTON.

OPEN SPACE CONSERVATION SUBDIVISION FOR DONETTA HALEY OAK HILL ROAD / MEETINGHOUSE ROAD BARRINGTON, NH TAX MAP 234, LOTS 31 & 31-4

OWNER: A.) DONETTA HALEY
 P.O. BOX 367
 BARRINGTON, NH 03825

B.) MICHAEL H. & LISA M. MCMAHON
 139 STAGE ROAD
 HAMPSTEAD, NH 03841

APPLICANT: MICHAEL H. & LISA M. MCMAHON
 139 STAGE ROAD
 HAMPSTEAD, NH 03841

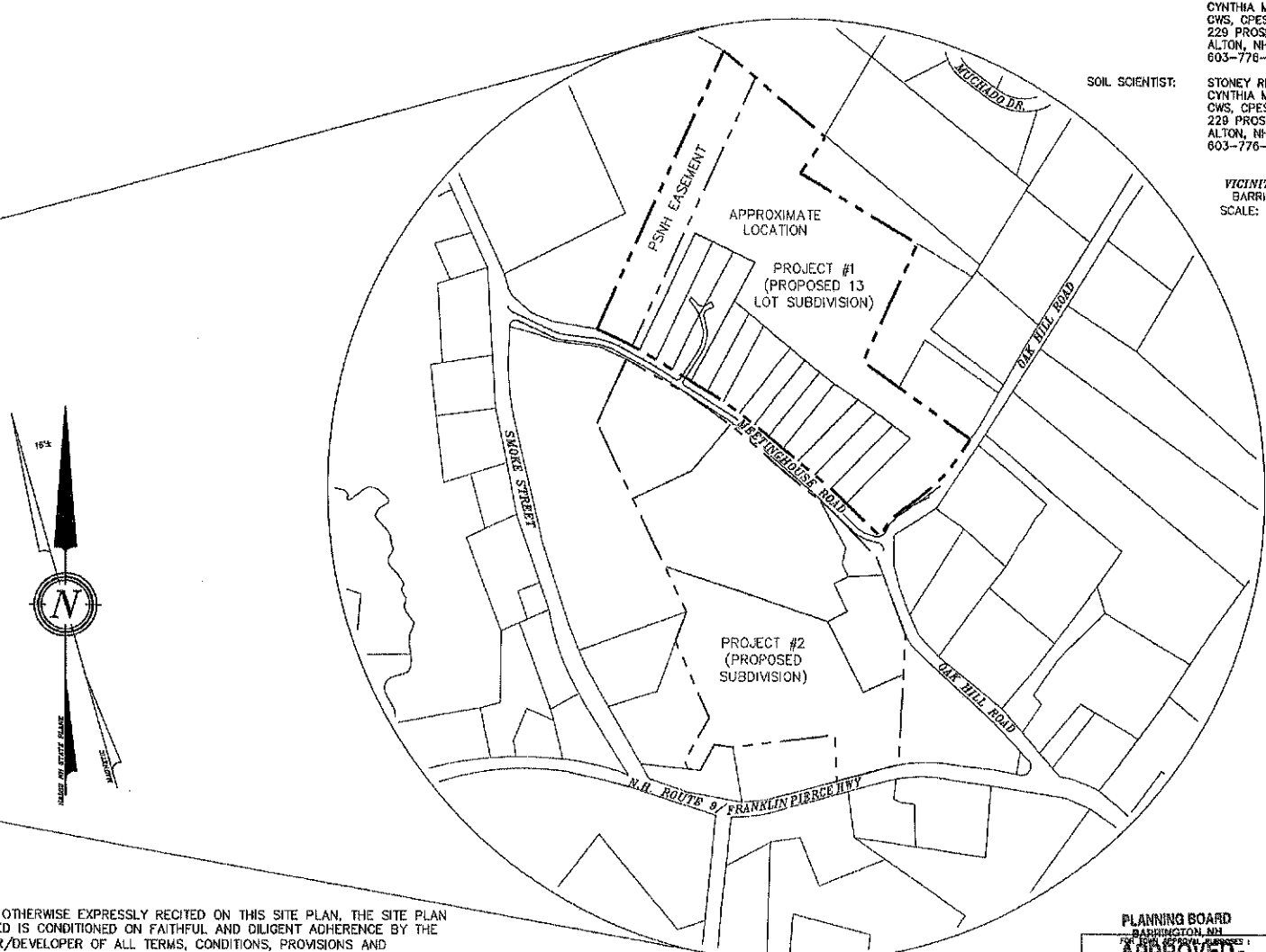
SURVEYOR OF RECORD: KENNETH A. BERRY, PE, LLS
 CPESC, CESSM, CPSWQ
 BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825
 (603) 332-2863

ENGINEER OF RECORD: KENNETH A. BERRY, PE, LLS
 CPESC, CESSM, CPSWQ
 BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825
 (603) 332-2863

WETLAND SCIENTIST: STONEY RIDGE ENVIRONMENTAL
 CYNTHIA M. BALCIUS, CSS,
 CWS, CPESC
 229 PROSPECT MOUNTAIN ROAD
 ALTON, NH 03809
 603-776-5825

SOIL SCIENTIST: STONEY RIDGE ENVIRONMENTAL
 CYNTHIA M. BALCIUS, CSS,
 CWS, CPESC
 229 PROSPECT MOUNTAIN ROAD
 ALTON, NH 03809
 603-776-5825

VICINITY SKETCH
 BARRINGTON, NH
 SCALE: 1" = 300' ±



WHETHER OR NOT OTHERWISE EXPRESSLY RECITED ON THIS SITE PLAN, THE SITE PLAN APPROVAL GRANTED IS CONDITIONED ON FAITHFUL AND DILIGENT ADHERENCE BY THE OWNER/SUBDIVIDER/DEVELOPER OF ALL TERMS, CONDITIONS, PROVISIONS AND SPECIFICATIONS OF THE TOWN OF BARRINGTON LAND SITE PLAN REGULATIONS AS AMENDED OR AS MAY LATER BE AMENDED, IN EFFECT ON THE DATE OF APPROVAL, UNLESS OR EXCEPT INsofar AS EXPRESSLY WAIVED, IN ANY PARTICULAR, BELOW, NON-ADHERENCE MAY RESULT IN A REVOCATION OF APPROVAL. ANY VARIATION FROM THE APPROVED PLAN WILL REQUIRE A RESUBMISSION FOR SITE PLAN APPROVAL.

APPLICANT'S SIGNATURE _____

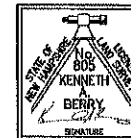
OWNER'S SIGNATURE _____

PLANNING BOARD
 BARRINGTON, NH

- APPROVED -

File Number: 334-314-214-GA-119
 Date: 7/24/2019
 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 SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE BY WRITING BY THE BOARD AND ATTACHED HERETO.



REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

OPEN SPACE CONSERVATION SUBDIVISION
 LAND OF
 DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 31 & 31-4

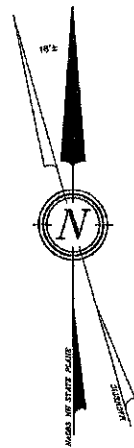
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863

SCALE : AS SHOWN
 DATE : MARCH 12, 2019
 FILE NO. : DB 2017 - 052

ABBREVIATION LEGEND:

- BTUM. BITUMINOUS
- E.O.P. EDGE OF PAVEMENT
- B.C.C. BITUMINOUS CONCRETE CURB
- E.S.H.W.T. ESTIMATED SEASONAL HIGH WATER TABLE
- TYP. TYPICAL
- U.G.E. UNDER GROUND ELECTRIC / UTILITY
- U.D. UNDER DRAIN
- C.O. CLEAN OUT
- INV. INVERT
- ELEV. ELEVATION
- F.E.S. FLARED END SECTION
- HDPE HIGH DENSITY POLYETHYLENE
- RCP REINFORCED CONCRETE PIPE
- REGB ROLLED EROSION CONTROL BLANKET
- F.B. FINISHED GRADE
- E.G. EXISTING GRADE
- E.T.W. EDGE OF TRAVELED WAY
- T.B.R. TO BE REMOVED
- PL PROPERTY LINE
- EL EASEMENT LINE
- R.O.W. RIGHT OF WAY
- CL CENTER LINE
- CF CUBIC FEET
- P.C. POINT OF CURVATURE
- P.T. POINT OF TANGENCY
- P.V.C. POINT OF VERTICAL CURVATURE
- P.V.I. POINT OF VERTICAL INTERSECTION
- P.V.T. POINT OF VERTICAL TANGENCY
- EX. EXISTING
- PROP. PROPOSED
- R&R REMOVE AND REPLACE
- STA. STATION
- %, FOOT / FOOT

- SSL () ~ [SIZE] SINGLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)
- DSL () ~ [SIZE] DOUBLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)
- SSB () ~ [SIZE] SINGLE SOLID W/ BROKEN LINE (COLOR W=WHITE, Y=YELLOW)
- SBL () ~ [SIZE] SINGLE BROKEN LINE (COLOR W=WHITE, Y=YELLOW)
- DBL () ~ [SIZE] DOUBLE BROKEN LINE (COLOR W=WHITE, Y=YELLOW)



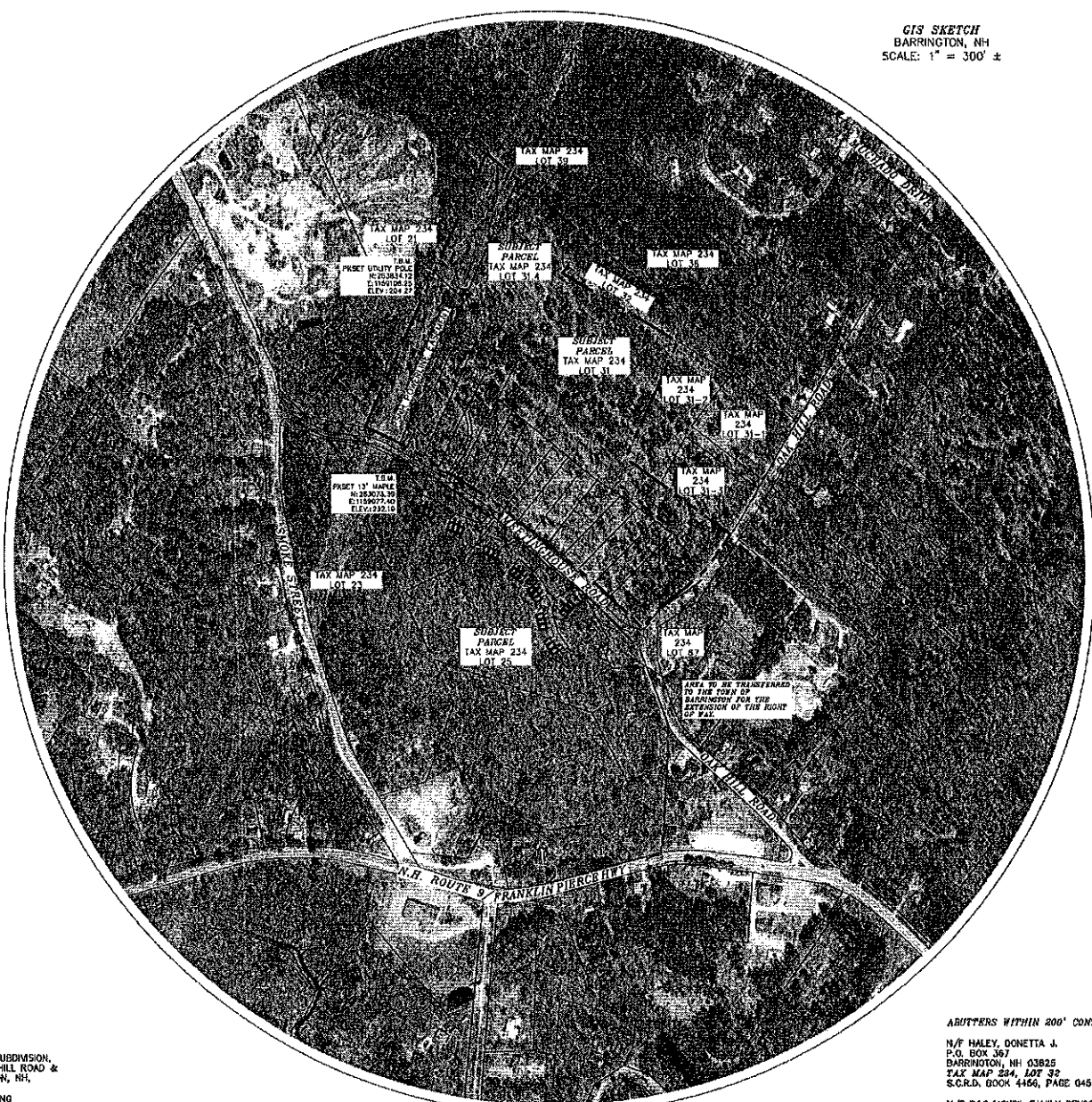
EXISTING LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- CHISEL MARK ~FND~
- GRANITE BOUND ~FND~
- STONE BOUND ~FND~
- UTILITY POLE
- GUY WIRE
- SIGNAGE
- TEST PIT
- TEMPORARY BENCHMARK (T.B.M.)
- BLAZED/PAINTED TREE
- POORLY DRAINED JURISDICTIONAL WETLAND LINE
- BUILDING SETBACK LINE
- EASEMENT LINE
- 50' POORLY DRAINED WETLAND BUFFER
- STONE WALL
- NRCS SOIL DELINEATION LINE
- SITE SPECIFIC SOIL LINE
- LIMIT OF SOIL SURVEY
- OVERHEAD UTILITIES LINE
- EXISTING DRAIN CULVERT
- CONTOUR MINOR, EXISTING
- CONTOUR MAJOR, EXISTING

PROPOSED LEGEND:

- GRANITE BOUND ~TBS~
- 3/4" REBAR W/ 10 CAP ~TBS~
- 1/2" EASEMENT IRON BOUND W/D CAP ~TBS~
- UTILITY POLE
- OUTLET STRUCTURE
- CATCH BASIN
- SIGNAGE
- CHECK DAM-MATERIAL AS SPECIFIED
- FLOW ARROW
- WELL
- TEMPORARY BENCH MARK (T.B.M.)
- DETAIL SHEET / DETAL
- MATCH POINT
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- GUARD RAIL
- SHOULDER
- CENTER LINE
- BUILDING SETBACK LINE
- SUBDIVISION BOUNDARY LINE
- 75' PROTECTIVE WELL RADIUS (NHOES)
- SAW CUT & MILL
- TRANSFORMER / ALBOX
- UNDERGROUND UTILITY
- UNDER DRAIN
- SILT FENCE / EROSION MIX BERM
- FILTERBOX 6" - 12" SILT SOX AS SPECIFIED
- ORANGE CONSTRUCTION PERIMETER FENCE
- PHASE LINE
- NRCS SOIL DELINEATION
- SOIL TYPE
- RP RAP
- RAIN GARDEN
- BERM
- 4,000 Sq. FL. EFFLUENT LEACHING AREA

GIS SKETCH
BARRINGTON, NH
SCALE: 1" = 300' ±



PLAN REFERENCES:

- 1.) "SUBDIVISION PLAN, PROPOSED SUBDIVISION, LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31"
- 2.) "LOT LINE REVISION OVERVIEW, PROPOSED LOT LINE REVISION, LAND OF DONETTA HALEY & PAUL J. & SUZANNE W. MCNEIL, PAS MCNEIL FAMILY REVOCABLE TRUST, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31 & 30"
- 3.) "REVISED BOUNDARY PLAN, PATRICK P. LAVOIE AND WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 30, 2016 S.C.R.D. PLAN #113-012 ALSO ON FILE AT THIS OFFICE
- 4.) "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MARCH 1984 S.C.R.D. PLAN #22-140
- 5.) "PLAN OF LAND DONALD H. WOODIE, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1983 S.C.R.D. PLAN #22-141

PLAN REFERENCES CONT:

- 6.) "REVISED BOUNDARY PLAN PATRICK LAVOIE, DOUGLAS CAMPBELL, STEVEN LENZI, BRIAN LENZI, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: SEPTEMBER 1989 S.C.R.D. PLAN #84-19
- 7.) "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MAY 1985 S.C.R.D. PLAN #28-4
- 8.) "FINAL PLAN ROWELL & TIEDEMANN SUBDIVISION, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1979 S.C.R.D. PLAN #26-74
- 9.) "REVISED BOUNDARY PLAN AND LOTS 16, 19, AND 20, ROWELL SUBDIVISION" BY: FREDERICK E. DREW ASSOCIATES DATED: JUNE 1977 S.C.R.D. PLAN #17A-185
- 10.) "SUBDIVISION PLAN WALDRON B. HALEY & OLEVA WATSON" BY: OMS/DREW, LLC DATED: DECEMBER 30, 2016 S.C.R.D. PLAN #57-73

PLAN REFERENCES CONT:

- 11.) "BOUNDARY ADJUSTMENT PLAT, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE, PREPARED FOR WALDRON B. HALEY & OLEVA WATSON, MICHAEL J. DAVIS REALTY, LLC AND CHAPEL OF HAMITY"
- 12.) "RESEARCH PLAN OF S.W. END LOTS 92-95, BARRINGTON, NH" BY: F.E. DREW DATED: 1979 ON FILE AT THIS OFFICE
- 13.) "A PLAN OF EDNA SMITH PROPERTY, BARRINGTON, NH" BY: F.E. DREW DATED: JULY 1972 ON FILE AT THIS OFFICE
- 14.) "SUBDIVISION OVERVIEW, PROPOSED SUBDIVISION LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, N.H." BY: OMS/DREW, LLC DATED: DECEMBER 30, 2016 FILE NO. 082016-081 S.C.R.D. PLAN #113-14

ADJUTERS WITHIN 200':

- N/F PATRICK & OAIL LAVOIE 34 SACHE STREET BARRINGTON, NH 03825 TAX MAP 234, LOT 21
- N/F PUBLIC SERVICE CO OF NH PO BOX 270 HARTFORD, CT 06141-270 TAX MAP 234, LOT 23 S.C.R.D. BOOK 3853, PAGE 530
- N/F JAMES W. & DONETTA J. HALEY & OLEVA WATSON 368 OLD CONCORD TURNPIKE BARRINGTON, NH 03825 TAX MAP 234, LOT 26 S.C.R.D. BOOK 4296, PAGE 709
- N/F M&S ADAMS REAL ESTATE TRUST OF 2016 MARK A. & SUSAN P. ADAMS TRUSTEES 88 WHIMLIT ROAD STRATHAM, NH 03855 TAX MAP 234, LOT 21.2 S.C.R.D. BOOK 4553, PAGE 325
- N/F THOMAS M. & LORI J. MCDOLE 25 BURG LANE TAX MAP 234, LOT 21.5 S.C.R.D. BOOK 4557, PAGE 098

ADJUTERS WITHIN 200' CONT:

- N/F HALEY, DONETTA J. P.O. BOX 367 BARRINGTON, NH 03825 TAX MAP 234, LOT 32 S.C.R.D. BOOK 4466, PAGE 046
- N/F PAS MCNEIL FAMILY REVOCABLE TRUST OF 2013 PAUL J. & SUZANNE W. MCNEIL TRUSTEES 82 MUCHADO DRIVE BARRINGTON, NH 03825 TAX MAP 234, LOTS 38 & 39 S.C.R.D. BOOK 4176, PAGE 459
- N/F ESTES, NORSEN M. 48 OAK HILL ROAD BARRINGTON, NH 03825 TAX MAP 234, LOT 87 S.C.R.D. BOOK 4014, PAGE 070

SIGN ID NUMBER	SIGN SIZE (WIDTH x HEIGHT)	SIGN	TEXT DIMENSIONS	NO. OF SIGNS	BACKGROUND	LEGEND	BORDER	POST SIZE & QUANTITY
R1-1	30"x30"	STOP	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	2	RED	WHITE	WHITE	SQUARE (2)
R6-31	18"x24"	NO PARKING THE HOUR	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	2	WHITE	RED	RED	SQUARE (2)
R2-1	12"x18"	SPEED LIMIT 25	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	2	WHITE	BLACK	BLACK	SQUARE (2)

REVISION #	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER ACT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

NEIGHBORHOOD PLAN
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)352-2663
SCALE: AS SHOWN
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

PLANNING BOARD
FOR ADJUTERS, APPROVES:
- APPROVED -
Date: 3/14/2019
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 ONE: MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

SHEET 1 OF 38

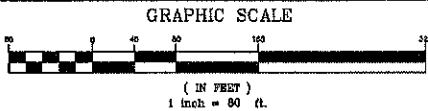
BUTTERS ACROSS OAK HILL ROAD:

N/F MARIE-ANDREE R. CLEARY REVOCABLE TRUST
DOUGLAS S. & MARIE-ANDREE R. CLEARY TRUSTEES
88 OAK HILL ROAD
BARRINGTON, NH 03825
BOOK 4397, PAGE 411
TAX MAP 234, LOT 66

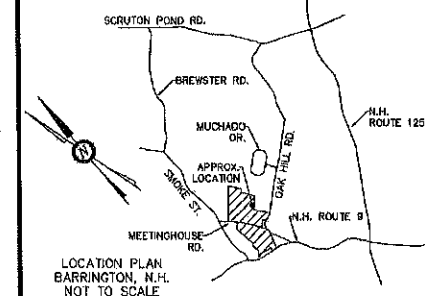
N/F ESTES, NORLEN M.
40 OAK HILL ROAD
BARRINGTON, NH 03825
BOOK 4014, PAGE 070
TAX MAP 234, LOT 67

N/F P&S MCNEIL FAMILY REVOCABLE TRUST OF 2013
PAUL J. & SUZANNE W. MCNEIL TRUSTEES
89 MICHADO DRIVE
BARRINGTON, NH 03825
BOOK 4176, PAGE 459
TAX MAP 234, LOT 59

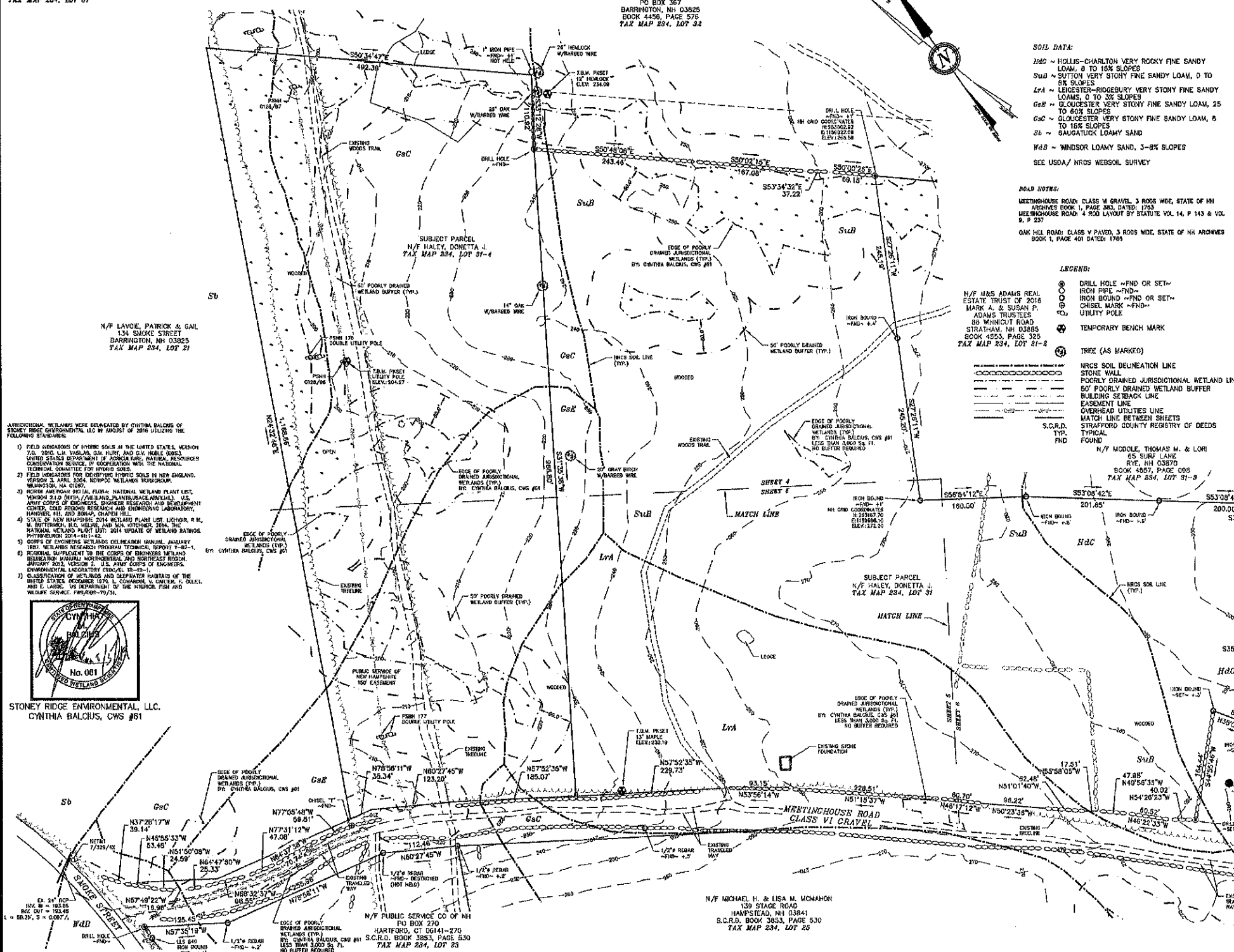
N/F HALEY, DONETTA
PO BOX 367
BARRINGTON, NH 03825
BOOK 4456, PAGE 575
TAX MAP 234, LOT 32



I CERTIFY THAT THIS PLAN EXCEEDS THE
MINIMUM REQUIREMENT FOR ACCURACY AND
COMPLETENESS OF THE STATE OF N.H. AND OF
THE TOWN OF BARRINGTON, N.H. - 1:10,000 -
KENNETH A. BERRY LLS 805 DATE



- NOTES:**
- OWNER: DONETTA HALEY
PO BOX 367
BARRINGTON, NH 03825
 - APPLICANT: MICHAEL H. & LISA M. MCMAHON
139 STAGE ROAD
HAMPSTEAD, NH 03841
 - TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
MEETINGHOUSE ROAD, CLASS VI ROAD
 - LOT AREA: 737,679 Sq.Ft., 18.33 Ac.
466,054 Sq.Ft., 10.62 Ac.
 - S.C.R.D. BOOK 4286, PAGE 685
BOOK 4538, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 383
 - ZONING: GR / GENERAL RESIDENTIAL
FRONTAGE = 200.0'
MINIMUM LOT SIZE = 60,000 Sq. Ft.
FRONT SETBACK = 40.0'
REAR SETBACK = 30.0'
SIDE SETBACK = 30.0'
WETLAND SETBACK = 50.0' IF OVER 3,000 Sq. Ft.
MAX. BUILDING HEIGHT = 35.0'
MAX. LOT COVERAGE = 40%
 - I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF. FEMA COMMUNITY # 330178, MAP # 33017C02850, DATED MAY 17, 2005.
 - VERTICAL DATUM BASED ON NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON Hiper SR SURVEY GRADE GPS RECEIVERS.
 - THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SEPTEMBER OF 2016, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 25,116.
 - THE INTENT OF THIS PLAN IS TO SHOW THE BOUNDARIES AND EXISTING TOPOGRAPHICAL CONDITIONS OF TAX MAP 234, LOT 31 AND TAX MAP 234, LOT 31-4 AND MEETINGHOUSE ROAD.
 - SEE SITE SPECIFIC SOIL MAPS FOR DETAILED TOPOGRAPHY AND TEST PIT LOCATIONS.

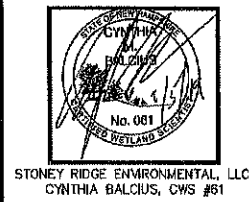


SOIL DATA:
HdC ~ HOLDS-CHARLTON VERY ROCKY FINE SANDY LOAM, 8 TO 15% SLOPES
SdL ~ SUTTON VERY STONY FINE SANDY LOAM, D TO 8% SLOPES
LxA ~ LEICESTER-RIDGEBURY VERY STONY FINE SANDY LOAMS, 0 TO 3% SLOPES
G&B ~ GLOUCESTER VERY STONY FINE SANDY LOAM, 25 TO 10% SLOPES
G&C ~ GLOUCESTER VERY STONY FINE SANDY LOAM, 8 TO 10% SLOPES
Sb ~ SAUGATUCK LOAMY SAND
WdS ~ WINDSOR LOAMY SAND, 3-8% SLOPES
SEE USDA / NROS WEBSOIL SURVEY

ROAD NOTES:
MEETINGHOUSE ROAD, CLASS VI GRAVEL, 3 ROADS WIDE, STATE OF NH ARCHIVES BOOK 1, PAGE 383, DATED: 1785
MEETINGHOUSE ROAD, 4 ROAD LAYOUT BY STATUTE VOL. 14, P. 143 & VOL. 9, P. 237
OAK HILL ROAD, CLASS VI GRAVEL, 3 ROADS WIDE, STATE OF NH ARCHIVES BOOK 1, PAGE 401 DATED: 1785

LEGEND:
DRILL HOLE - FND OR SET-
IRON PIPE - FND-
IRON BOUND - FND OR SET-
CHESS MARK - FND-
UTILITY POLE
TEMPORARY BENCH MARK
TREE (AS MARKED)
NRCS SOIL DELINEATION LINE
STONE WALL
POORLY DRAINED JURISDICTIONAL WETLAND LINE
50' POORLY DRAINED WETLAND BUFFER
BUILDING SETBACK LINE
EASEMENT LINE
OVERHEAD UTILITIES LINE
MATCH LINE BETWEEN SHEETS
STRAFFORD COUNTY REGISTRY OF DEEDS
TYPICAL
FOUND
N/F MRS ADAMS REAL ESTATE TRUST OF 2016
MARK A. & SUSAN P. ADAMS TRUSTEES
88 WHINCUT ROAD
STRAFFORD, NH 03885
BOOK 4553, PAGE 325
TAX MAP 234, LOT 31-2

- AIRBORNE WETLANDS WERE RECLASSIFIED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL, LLC BY ORDER OF THE FOLLOWING STANDARDS:
- FIELD INDICATORS OF FRESH SOILS IN THE UNITED STATES, VERSION 7.0, 2005. L.H. VANDER, D.W. FLURY AND D.W. HUBLE (8083) UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR FRESH SOILS.
 - FIELD INDICATORS FOR DESIGNATING FRESH SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. BIRCHPOD WETLAND RECOGNITION, NEWTON, MA 02459.
 - NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.0 (NPA), (WETLAND_PLANTS/NAFLIST/NAFLIST). U.S. ARMY CORPS OF ENGINEERS, SHAWNEE RESEARCH AND DEVELOPMENT CENTER, TRAD REGION RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH 03046, CHANGING IS.
 - STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHNER, R.W., W. BUTTERFIELD, R.C. KELLY, AND S.H. VITOUSEK, 2014. THE NATIONAL WETLAND PLANT LIST, 2014 UPDATE OF WETLAND RATINGS. PITHMEYER, 2014-11-11.
 - CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, JANUARY 1983. WETLAND RESEARCH PROGRAM TECHNICAL REPORT 7-83-1.
 - REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHEASTERN AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY DIVISION, 82-10-1.
 - CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES WETLAND 1974. L. COMMON, G. OWEN, F. GIBLET, AND E. LAROC. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE, FWS/OBS-79/34.

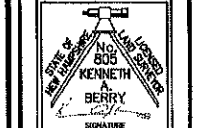


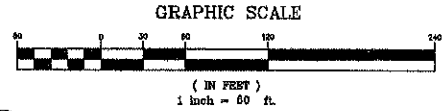
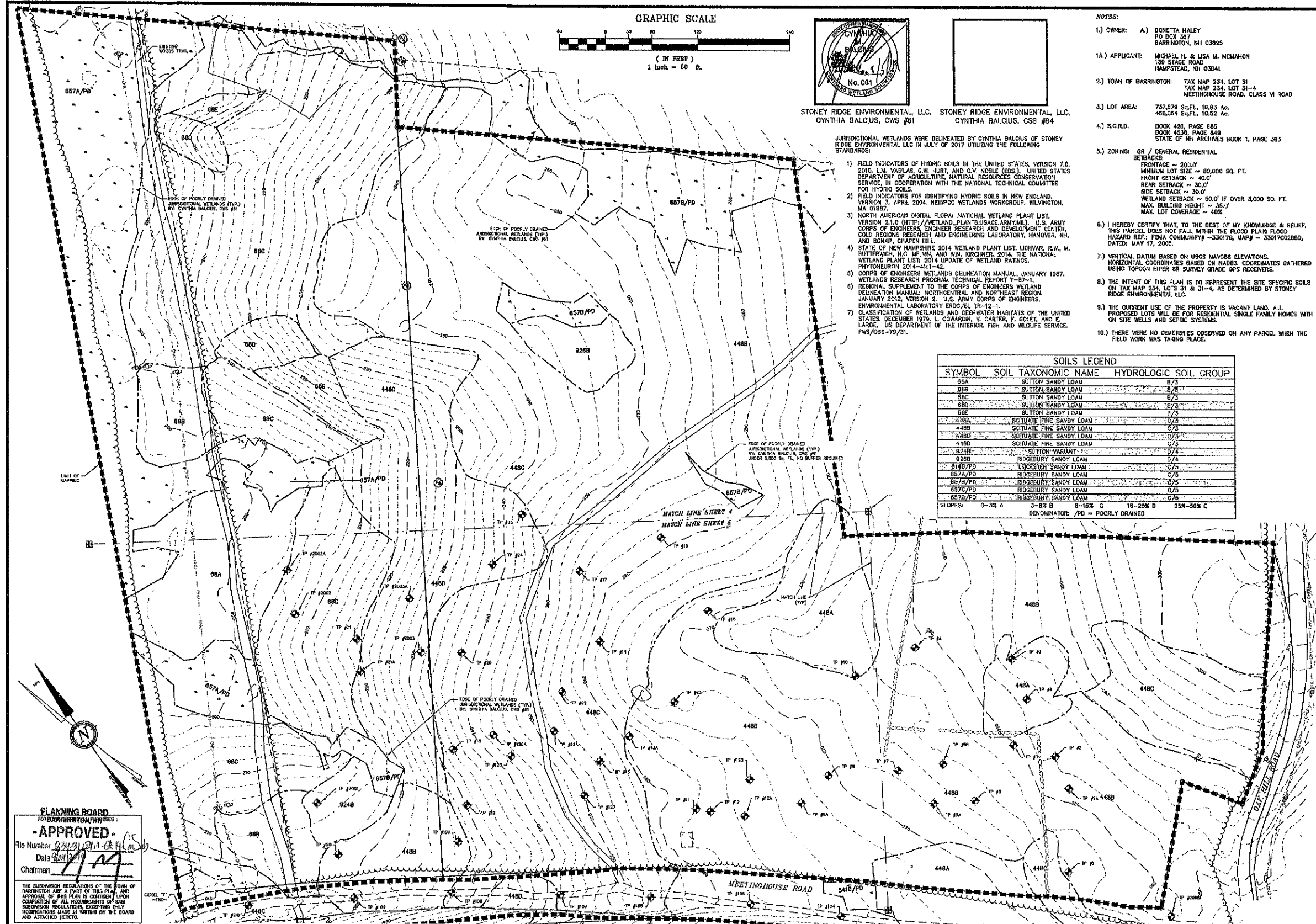
PLANNING BOARD - APPROVED -
File Number: 234-2017-04-GR-11-00-00
Date: 2/14/2019
Chairman

#3	REVISION	DATE	DESCRIPTION
9-23-19			REVISED PER NOTICE OF DECISION
7-16-19			REVISIONS PER AOT REVIEW
5-14-19			REVISIONS PER DB&K COMMENT

EXISTING CONDITIONS PLAN
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 80 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052





STONEY RIDGE ENVIRONMENTAL, LLC. STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALGIUS, CWS #81 CYNTHIA BALGIUS, CSS #84

- JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALGIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN JULY OF 2017 UTILIZING THE FOLLOWING STANDARDS:
- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.), UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
 - 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEWFOC WETLANDS WORKGROUP, WILKINGTON, MA 01857.
 - 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND.PLANTS.USACE.ARMY.MIL). U.S. ARMY CORPS OF ENGINEERS, ENGINEERING RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BONAP, CHAPEL HILL.
 - 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST, LICHVAR, R.W., M. BUTTERWICH, N.C. MELVIN, AND W.N. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTONUMBER 2014-411-42.
 - 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987.
 - 6) WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1, REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
 - 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, OCTOBER 1979. L. COARON, V. CARTER, F. COLET, AND E. LARUE. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE. FWS/OSS-79/31.

- NOTES:
- 1.) OWNER: A.) DONETTA HALEY
PO BOX 287
BARRINGTON, NH 03825
 - 1A.) APPLICANT: MICHAEL H. & LISA M. McMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
 - 2.) TOWN OF BARRINGTON: TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
MEETINGHOUSE ROAD, CLASS VI ROAD
 - 3.) LOT AREA: 737,879 Sq.Ft., 16.93 Ac.
496,054 Sq.Ft., 10.52 Ac.
 - 4.) S.C.R.D.: BOOK 430, PAGE 665
BOOK 433B, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 383
 - 5.) ZONING: OR / GENERAL RESIDENTIAL
SETBACKS:
FRONTAGE ~ 200.0'
MINIMUM LOT SIZE ~ 80,000 SQ. FT.
FRONT SETBACK ~ 40.0'
REAR SETBACK ~ 50.0'
SIDE SETBACK ~ 30.0'
WETLAND SETBACK ~ 50.0' IF OVER 3,000 SQ. FT.
MAX. BUILDING HEIGHT ~ 35.0'
MAX. LOT COVERAGE ~ 40%
 - 6.) I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF: FEMA COMMUNITY #330175, MAP# - 330170228D, DATED: MAY 17, 2005.
 - 7.) VERTICAL DATUM BASED ON USGS NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVER.
 - 8.) THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON TAX MAP 234, LOTS 31 & 31-4, AS DETERMINED BY STONEY RIDGE ENVIRONMENTAL, LLC.
 - 9.) THE CURRENT USE OF THE PROPERTY IS VACANT LAND. ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES WITH ON SITE WELLS AND SEPTIC SYSTEMS.
 - 10.) THERE WERE NO CEMETERIES OBSERVED ON ANY PARCEL WHEN THE FIELD WORK WAS TAKING PLACE.

SOILS LEGEND		
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
68A	SUTTON SANDY LOAM	B/3
68B	SUTTON SANDY LOAM	B/3
68C	SUTTON SANDY LOAM	B/3
68D	SUTTON SANDY LOAM	B/3
68E	SUTTON SANDY LOAM	B/3
448A	SCITUATE FINE SANDY LOAM	C/3
448B	SCITUATE FINE SANDY LOAM	C/3
448C	SCITUATE FINE SANDY LOAM	C/3
448D	SCITUATE FINE SANDY LOAM	C/3
924B	SUTTON VARIANT	B/3
926B	RIDGEBURY SANDY LOAM	D/4
314B/PD	LEICESTER SANDY LOAM	C/5
657A/PD	RIDGEBURY SANDY LOAM	C/5
657B/PD	RIDGEBURY SANDY LOAM	C/5
657C/PD	RIDGEBURY SANDY LOAM	C/5
657D/PD	RIDGEBURY SANDY LOAM	C/5

SLOPES: 0-3% A 3-8% B 8-15% C 15-25% D 25%-50% E
DENOMINATOR: /PD = POORLY DRAINED

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER A&T REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

OVERVIEW SITE SPECIFIC SOILS MAP
LAND OF DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

PLANNING BOARD
FOR BARRINGTON/TOWN OF BARRINGTON
-APPROVED-
File Number 2019-0171 (M.H.M.)
Date 9/21/19
Chairman [Signature]

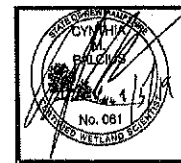
THE SUBMISSION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBMISSION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE BY THE BOARD AND ATTACHED HERETO.

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 60 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

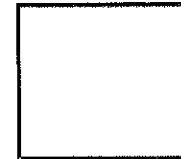
SOILS LEGEND		
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
BBA	SUTTON SANDY LOAM	B/3
68B	SUTTON SANDY LOAM	B/3
68C	SUTTON SANDY LOAM	B/3
68D	SUTTON SANDY LOAM	B/3
68E	SUTTON SANDY LOAM	B/3
448A	SCITUATE FINE SANDY LOAM	C/3
448B	SCITUATE FINE SANDY LOAM	C/3
448C	SCITUATE FINE SANDY LOAM	C/3
448D	SCITUATE FINE SANDY LOAM	C/3
824B	SUTTON VARIANT	D/4
826B	RIDGEBURY SANDY LOAM	D/4
614B/PD	LEICESTER SANDY LOAM	D/5
657A/PD	RIDGEBURY SANDY LOAM	D/5
657B/PD	RIDGEBURY SANDY LOAM	D/5
657C/PD	RIDGEBURY SANDY LOAM	D/5
657D/PD	RIDGEBURY SANDY LOAM	D/5
SLOPES: 0-2% A 3-8% B 9-14% C 15-25% D 26%-50% E		
DENOMINATOR: /PD = POORLY DRAINED		

JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN JULY OF 2017 UTILIZING THE FOLLOWING STANDARDS:

- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.), UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEWPOG WETLANDS WORKGROUP, WILMINGTON, MA 01887.
- 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 21.0 (HTTP://WETLAND_PLANTS.USDA.ARMY.MIL), U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, GOLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND DONALD SHAPEN HILL.
- 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST, LICHVAR, R.W., M. BUTTERWICH, N.C. MELVIN, AND W.N. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTONETWORK 2014-411-42.
- 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987, WETLANDS RESEARCH PROGRAM TECHNICAL REPORT 1-87-1, REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2, U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY SROD/ZEL TR-12-1.
- 6) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1979, L. COWARDIN, V. CARTER, F. GOLET, AND E. LAROE, US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE, FWS/OBS-79/31.



STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CWS #61



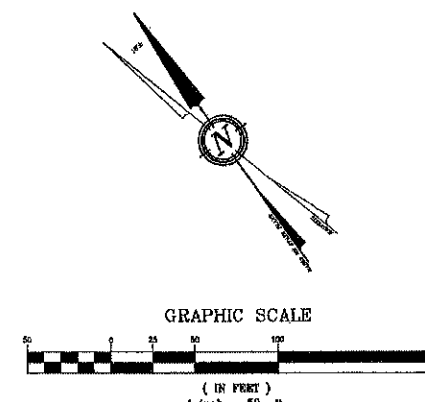
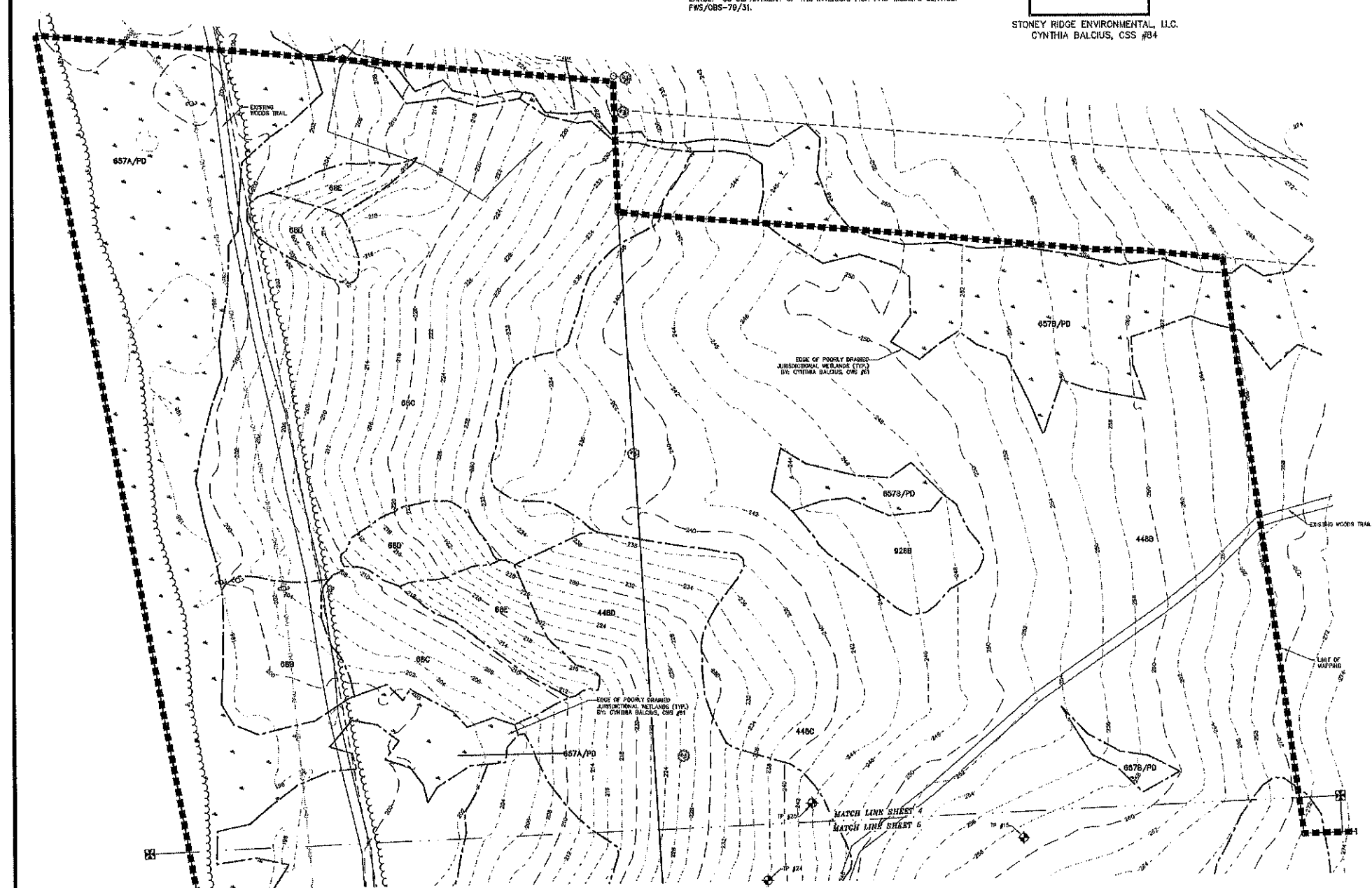
STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CSS #84

NOTES:

- 1.) OWNER: A.) DONETTA HALEY
PO BOX 387
BARRINGTON, NH 03825
- 1A.) APPLICANT: MICHAEL H. & LISA M. MOHAJED
139 STAGE ROAD
HAMPSHIRE, NH 03844
- 2.) TOWN OF BARRINGTON: TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
MEETINGHOUSE ROAD, GLASS Vt ROAD
- 3.) LOT AREA: 737,679 Sq.Ft., 16.83 Ac.
488,054 Sq.Ft., 10.82 Ac.
- 4.) S.C.R.D.: BOOK 486, PAGE 686
BOOK 483B, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 383
- 5.) ZONING: OR / GENERAL RESIDENTIAL
SETBACKS:
FRONTAGE ~ 200.0'
MINIMUM LOT SIZE ~ 80,000 SQ. FT.
FRONT SETBACK ~ 40.0'
REAR SETBACK ~ 30.0'
SIDE SETBACK ~ 30.0'
WETLAND SETBACK ~ 80.0' IF OVER 3,000 SQ. FT.
MAX. BUILDING HEIGHT ~ 35.0'
MAX. LOT COVERAGE ~ 60%
- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF: FEMA COMMUNITY# -330176, MAP# - 33017002850, DATED: MAY 17, 2005.
- 7.) VERTICAL DATUM BASED ON USGS NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 8.) THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON TAX MAP 234, LOTS 31 & 31-4, AS DETERMINED BY STONEY RIDGE ENVIRONMENTAL, LLC
- 9.) THE CURRENT USE OF THE PROPERTY IS VACANT LAND. ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES WITH ON SITE WELLS AND SEPTIC SYSTEMS.
- 10.) THERE WERE NO CEMETERIES OBSERVED ON ANY PARCEL WHEN THE FIELD WORK WAS TAKING PLACE.

LEGEND:

- IRON PIPE -FND-
- IRON BOUND -FND OR TBS-
- GRILL HOLE -FND OR TBS-
- GRANITE BOUND -FND OR TBS-
- UTILITY POLE/GUY WIRE
- TEST HOLE
- TEMPORARY BENCHMARK
- STONE WALL
- WETLAND LINE
- 50' POORLY DRAINED WETLAND BUFFER
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- MATCH LINE/MATCH POINT
- SOIL LINE
- LIMIT OF SOIL SURVEY
- 448A SOIL SERIES
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. FOUND
- FND TO BE ABANDONED
- TBA



PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number: 2017-034 (07/10/18)
Date: 3/24/2019
Chairman: [Signature]
THE SUPERVISION OF THE WORK OF BARRINGTON AS PART OF THIS PLAN AND APPROVAL OF THIS PLAN IS CONSIDERED COMPLETE UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUPERVISION RECORDS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DE&K COMMENT

SITE SPECIFIC SOILS MAP NORTH
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603) 332-2863
SCALE: 1 IN. EQUALS 50 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

SOILS LEGEND		
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
68A	SUTTON SANDY LOAM	B/3
68B	SUTTON SANDY LOAM	B/3
68C	SUTTON SANDY LOAM	B/3
68D	SUTTON SANDY LOAM	B/3
68E	SUTTON SANDY LOAM	B/3
448A	SCITUATE FINE SANDY LOAM	C/3
448B	SCITUATE FINE SANDY LOAM	C/3
448C	SCITUATE FINE SANDY LOAM	C/3
448D	SCITUATE FINE SANDY LOAM	C/3
924B	SUTTON VARIANT	D/4
924B	RIDGEBURY SANDY LOAM	D/4
514B/PD	LEICESTER SANDY LOAM	C/5
657A/PD	RIDGEBURY SANDY LOAM	C/5
657B/PD	RIDGEBURY SANDY LOAM	C/5
657C/PD	RIDGEBURY SANDY LOAM	C/5
657D/PD	RIDGEBURY SANDY LOAM	C/5
SLOPES: 0-3% A 3-8% B 8-15% D 15-25% D 25%-50% E		
DENOMINATOR: /PD = POORLY DRAINED		

- JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN JULY OF 2017 UTILIZING THE FOLLOWING STANDARDS:
- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASILAS, O.W. HURT, AND G.V. NOBLE (EDS.), UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
 - 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEWPFC WETLANDS WORKGROUP, WILMINGTON, MA 01887.
 - 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND.PLANTS.USACE.ARMY.MIL). U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND DORSET, CHASSON HILL.
 - 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHVAR, R.W., M. BUTTERWICH, N.G. MELVIN, AND W.H. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTOFLORA 2014-41:1-42.
 - 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987, WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
 - 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2, U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
 - 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1979. L. OGDARDIN, V. CARTER, F. GOLET, AND E. LAROC. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE. FWS/OBS-79/31.



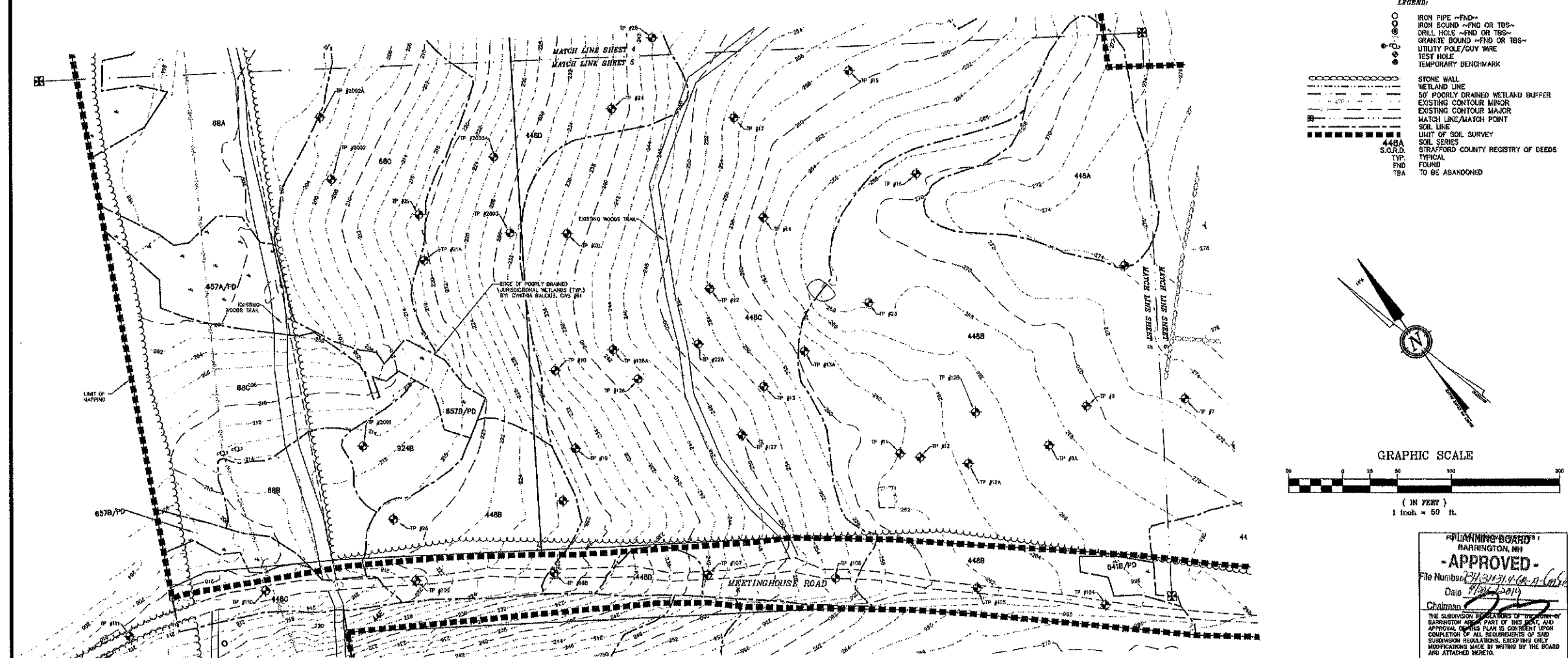
STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CWS #61



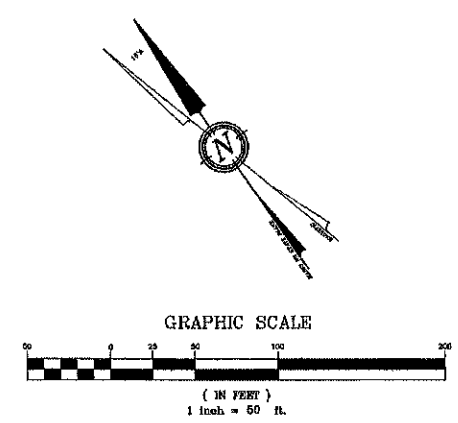
STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CSS #84

NOTES:

- 1) OWNER: A) DONETTA HALEY
PO BOX 367
BARRINGTON, NH 03825
- 1A) APPLICANT: MICHAEL H. & LISA M. McMAHON
139 STAGE ROAD
HAMPSHIRE, NH 03841
- 2) TOWN OF BARRINGTON: TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
MEETINGHOUSE ROAD, CLASS VI ROAD
- 3) LOT AREA: 737,679 Sq.Ft., 16.93 Ac.
458,054 Sq.Ft., 10.52 Ac.
- 4) S.C.R.O. BOOK 428, PAGE 099
BOOK 453B, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 383
- 5) ZONING: OR / GENERAL RESIDENTIAL
SETBACKS:
FRONTAGE ~ 200.0'
MINIMUM LOT SIZE ~ 80,000 SQ. FT.
FRONT SETBACK ~ 40.0'
REAR SETBACK ~ 30.0'
SIDE SETBACK ~ 30.0'
WETLAND SETBACK ~ 50.0' F' OVER 3,000 SQ. FT.
MAX. BUILDING HEIGHT ~ 30.0'
MAX. LOT COVERAGE ~ 40%
- 6) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF. FEMA COMMUNITY #330178, MAP# - 33017802850, DATED: MAY 17, 2005.
- 7) VERTICAL DATUM BASED ON USGS NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 8) THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON TAX MAP 234, LOTS 31 & 31-4, AS DETERMINED BY STONEY RIDGE ENVIRONMENTAL LLC.
- 9) THE CURRENT USE OF THE PROPERTY IS VACANT LAND. ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES WITH ON SITE WELLS AND SEPTIC SYSTEMS.
- 10) THERE WERE NO CEMETERIES OBSERVED ON ANY PARCEL WHEN THE FIELD WORK WAS TAKING PLACE.



- LEGEND:
- IRON PIPE -FND-
 - IRON BOUND -FND OR TBS-
 - DRILL HOLE -FND OR TBS-
 - GRAPE BOUND -FND OR TBS-
 - UTILITY POLE/GUY WIRE
 - TEST HOLE
 - TEMPORARY BENCHMARK
 - STONE WALL
 - WETLAND LINE
 - 50' POORLY DRAINED WETLAND BUFFER
 - EXISTING CONTOUR MINOR
 - EXISTING CONTOUR MAJOR
 - MATCH LINE/MATCH POINT
 - SOIL LINE
 - LIMIT OF SOIL SURVEY
 - 448A SOIL SERIES
 - S.C.R.O. STRAFFORD COUNTY REGISTRY OF DEEDS
 - TYP TYPICAL
 - FND FOUND
 - TBA TO BE ABANDONED



PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number: 2019-06-01-001
Date: 6/11/2019
Chairman: [Signature]

THE SUBMISSION OF THIS PLAN TO THE PLANNING BOARD FOR APPROVAL CONSTITUTES PART OF THIS DEED, AND APPROVAL OF THIS PLAN IS CONDITIONED UPON COMPLETION OF ALL REQUIREMENTS OF THE SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE BY RESOLUTION BY THE BOARD AND ATTACHED HERETO.

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AGT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

SITE SPECIFIC SOILS MAP SOUTHWEST
LAND OF
DONETTA HALEY
OAK HILL ROAD - MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

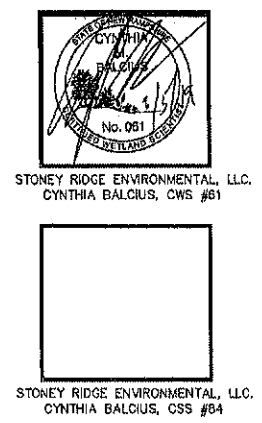
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 50 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

SHEET 5 OF 38

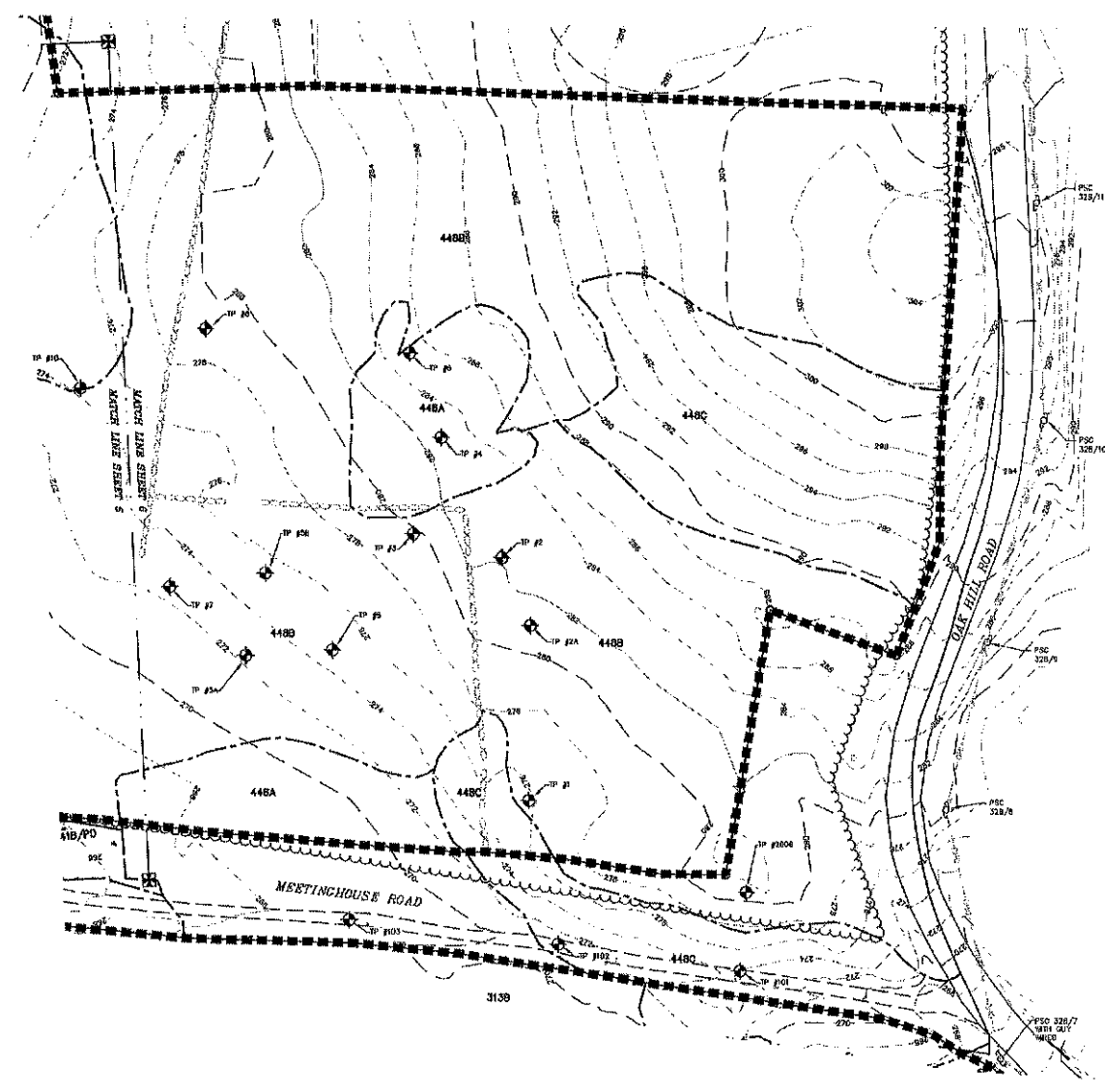
SOILS LEGEND		
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
58A	SUTTON SANDY LOAM	B/3
58B	SUTTON SANDY LOAM	B/3
58C	SUTTON SANDY LOAM	B/3
58D	SUTTON SANDY LOAM	B/3
58E	SUTTON SANDY LOAM	B/3
448A	SCITUATE FINE SANDY LOAM	C/3
448B	SCITUATE FINE SANDY LOAM	C/3
448C	SCITUATE FINE SANDY LOAM	C/3
448D	SCITUATE FINE SANDY LOAM	C/3
924B	SUTTON VARIANT	D/4
826B	RIDGEBURY SANDY LOAM	D/4
514B/PD	LEICESTER SANDY LOAM	C/5
657A/PD	RIDGEBURY SANDY LOAM	C/5
657B/PD	RIDGEBURY SANDY LOAM	C/5
657C/PD	RIDGEBURY SANDY LOAM	C/5
657D/PD	RIDGEBURY SANDY LOAM	C/5
SLOPES: 0-3% A 3-9% B 9-18% C 15-25% D 25%-50% E		
DENOMINATOR: /PD = POORLY DRAINED		

JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN JULY OF 2017 UTILIZING THE FOLLOWING STANDARDS:

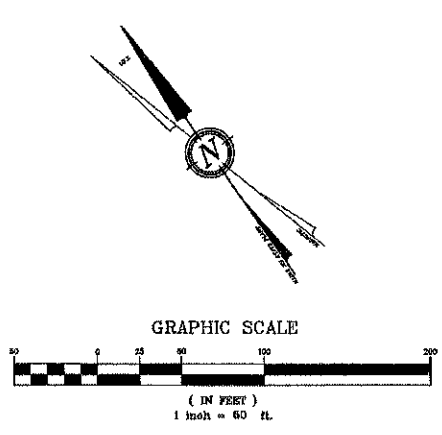
- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.H. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEWPPCC WETLANDS WORKGROUP, WILMINGTON, MA 01887.
- 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND.PLANTS.USDA.GOV/NWML). U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BOHOP, CHAPEN HILL.
- 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHVAR, R.W., M. BUTTERMICH, H.C. MELVIN, AND W.N. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST, 2014 UPDATE OF WETLAND RATINGS. PHYTONEURON 2014-461-42.
- 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT 9-87-1.
- 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
- 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1978. L. COWARDIN, V. CARTER, F. GOLET, AND E. LARCE. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE, FWS/OBS-79/31.



- NOTES:
- 1.) OWNER: A) DONETTA HALEY
PO BOX 387
BARRINGTON, NH 03825
 - 1A.) APPLICANT: MICHAEL H. & LISA M. MCMAHON
139 STAGE ROAD
HAMPSTEAD, NH 03641
 - 2.) TOWN OF BARRINGTON: TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-A
MEETINGHOUSE ROAD, CLASS W ROAD
 - 3.) LOT AREA: 737,879 Sq.Ft., 16.83 Ac.
488,054 Sq.Ft., 10.52 Ac.
 - 4.) S.C.R.D. BOOK 426, PAGE 685
BOOK 4536, PAGE 848
STATE OF NH ARCHIVES BOOK 1, PAGE 383
 - 5.) ZONING: OR / GENERAL RESIDENTIAL
SETBACKS:
FRONTAGE ~ 200.0'
MINIMUM LOT SIZE ~ 80,000 SQ. FT.
FRONT SETBACK ~ 40.0'
REAR SETBACK ~ 30.0'
SIDE SETBACK ~ 30.0'
WETLAND SETBACK ~ 50.0' IF OVER 3,000 SQ. FT.
MAX. BUILDING HEIGHT ~ 35.0'
MAX. LOT COVERAGE ~ 40%
 - 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# -330178, MAP# - 33017802850, DATED: MAY 17, 2005.
 - 7.) VERTICAL DATUM BASED ON USGS NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83, COORDINATES GATHERED USING TOPOCON HIPER SR SURVEY GRADE GPS RECEIVERS.
 - 8.) THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON TAX MAP 234, LOTS 31 & 31-A, AS DETERMINED BY STONEY RIDGE ENVIRONMENTAL, LLC.
 - 9.) THE CURRENT USE OF THE PROPERTY IS VACANT LAND. ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES WITH ON SITE WELLS AND SEPTIC SYSTEMS.
 - 10.) THERE WERE NO CEMETERIES OBSERVED ON ANY PARCEL WHEN THE FIELD WORK WAS TAKING PLACE.



- LEGEND:
- IRON PIPE ~FND~
 - IRON BOUND ~FND OR TBS~
 - DRILL HOLE ~FND OR TBS~
 - GRANITE BOUND ~FND OR TBS~
 - UTILITY POLE/GUY WIRE
 - TEST HOLE
 - TEMPORARY BENCHMARK
 - STONE WALL
 - WETLAND LINE
 - 50' POORLY DRAINED WETLAND BUFFER
 - EXISTING CONTOUR MINOR
 - EXISTING CONTOUR MAJOR
 - MATCH LINE/MATCH POINT
 - SOIL LINE
 - LIMIT OF SOIL SURVEY
 - 448A SOL. SERIES
 - S.C.R.D.
 - TYPICAL
 - FND
 - FOUND
 - TBA
 - TO BE ABANDONED



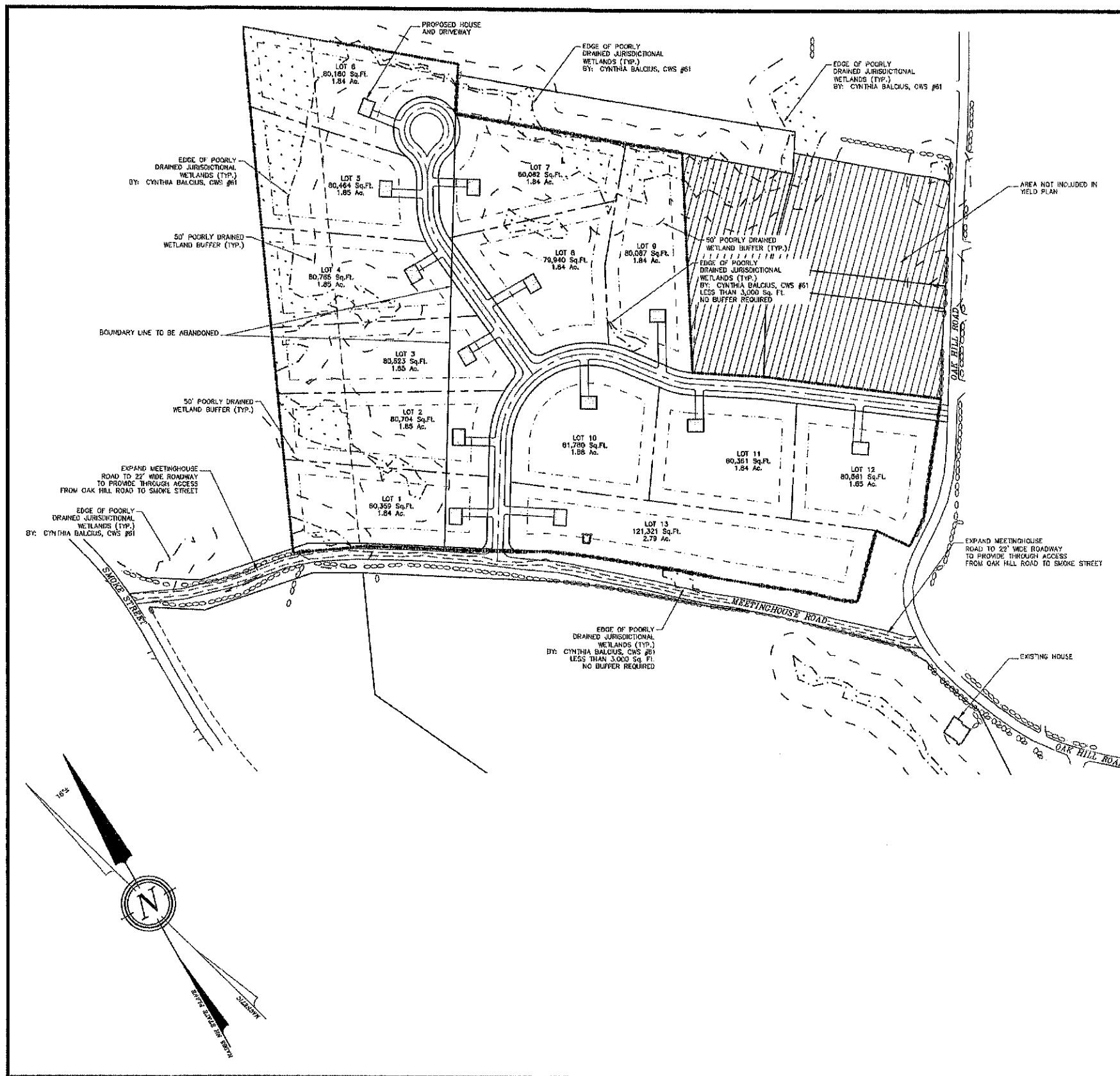
PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number: 2017-0314-GR-PL-01
Date: 10/12/19

#3	REVISION	DATE	DESCRIPTION
9-23-19			
7-16-19			
5-14-19			

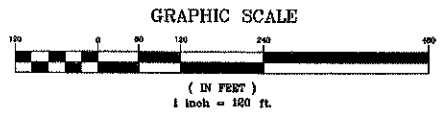
SITE SPECIFIC SOILS MAP SOUTHEAST
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-A

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 50 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052



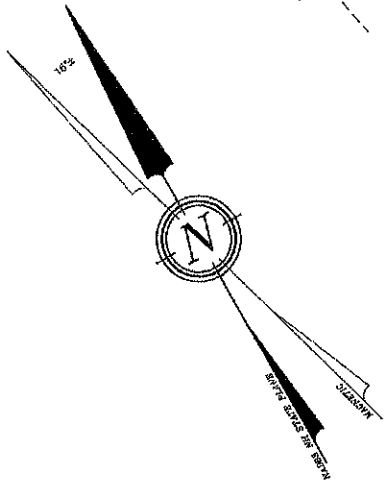


- NOTES:**
- 1.) OWNER: DONETTA HALEY
PO BOX 367
BARRINGTON, NH 05825
 - 2.) TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
MEETINGHOUSE ROAD, CLASS M ROAD
 - 3.) LOT AREA: 738,342 Sq. Ft., 16.95 Ac.
478,180 Sq. Ft., 11.00 Ac.
 - 4.) S.C.R.D. BOOK 4306, PAGE 685
BOOK 4336, PAGE 649
STATE OF NH ARCHIVES BOOK 1, PAGE 303
 - 5.) ZONING: OR / GENERAL RESIDENTIAL
FRONTAGE ~ 200.0'
MINIMUM LOT SIZE ~ 80,000 Sq. Ft.
FRONT SETBACK ~ 40.0'
REAR SETBACK ~ 30.0'
SIDE SETBACK ~ 30.0'
WETLAND SETBACK ~ 50.0' IF OVER 3,000 Sq. Ft.
MAX. BUILDING HEIGHT ~ 35.0'
MAX. LOT COVERAGE ~ 40%
 - 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF: FEMA COMMUNITY# -330178, MAP# - 33017002850, DATED: MAY 17, 2005.
 - 7.) VERTICAL DATUM BASED ON USGS NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83, COORDINATES GATHERED USING TORCON HIPER 90 SURVEY GRADE GPS RECEIVERS.
 - 8.) THE INTENT OF THIS PLAN IS TO SHOW THE YIELD PLAN OF TAX MAP 234, LOTS 31 & 31-4, LOCATED IN BARRINGTON, NH., AS OF THE DATE OF THIS PLAN.
 - 9.) THE CURRENT USE OF THE PROPERTY IS VACANT LAND, ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES WITH ON SITE WELLS AND SEPTIC SYSTEMS.
 - 10.) THERE WERE NO CEMETERIES OBSERVED ON ANY PARCEL WHEN THE FIELD WORK WAS TAKING PLACE.



LEGEND:

--- (dashed line)	EXTERIOR BOUNDARY LINE
--- (dotted line)	PROPOSED BOUNDARY LINE
--- (long dashed line)	BOUNDARY LINE TO BE ABANDONED
--- (dash-dot line)	BUILDING SETBACK LINE
--- (short dashed line)	POORLY DRAINED JURISDICTIONAL WETLAND LINE
--- (wavy line)	50' POORLY DRAINED WETLAND BUFFER
--- (solid line)	EXISTING EASEMENT LINE
--- (dotted line)	STONE WALL
--- (dotted line)	STONE WALL REMAINS
--- (dotted line)	S.C.R.D.
---	TYP.
---	FOUND



#	REVISION	DATE	DESCRIPTION
#3	9-23-19		REVISED PER NOTICE OF DECISION
#2A	7-16-19		REVISIONS PER ACT REVIEW
#1	5-14-19		REVISIONS PER DB&K COMMENT

YIELD PLAN
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 05825 (603) 332-2863
SCALE : 1 IN. EQUALS 120 FT.
DATE : MARCH 12, 2019
FILE NO. : DB 2017 - 052

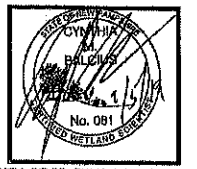
PLANNING BOARD
FOR BARRINGTON, NH
- APPROVED -
File Number: 2017-052-001
Date: 3/12/2019
Chairman: [Signature]

THE SUPERVISOR, REGULARS OF THE TOWN OF BARRINGTON AS A PART OF THIS FILE 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 HEREIN.



- LEGEND:**
- 3/4" REBAR W/ D CAP ~TBS~
 - GRANITE BOUND ~TBS~
 - DRILL HOLE ~FND~
 - IRON PIPE ~FND~
 - 1" CHIBLED INTO STONE
 - IRON BOUND ~FND~
 - UTILITY POLE / GUY WIRE
 - APPROXIMATE ABUTTING PROPERTY LINE
 - PROPOSED BOUNDARY LINE
 - STONE WALL
 - BUILDING SETBACK LINE
 - POORLY DRAINED JURISDICTIONAL WETLANDS
 - 50' WETLAND BUFFER
 - EXISTING EASEMENT
 - BOUNDARY LINE ~TSA~
 - STRAFFORD COUNTY REGISTRY OF DEEDS
 - TYP. FOUND
 - TYP. FOUND

N/F MAS MONEL FAMILY REVOCABLE TRUSTS
 PAUL J. & SUZANNE W. MONEL
 80 MAIN STREET
 BARRINGTON, NH 03825
 BOOK 4176, PAGE 659
 TAX MAP 234, LOT 39



STONEY RIDGE ENVIRONMENTAL, LLC.
 CYNTHIA BALCIUS, CWS #61

JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN AUGUST OF 2016 UTILIZING THE FOLLOWING STANDARDS:

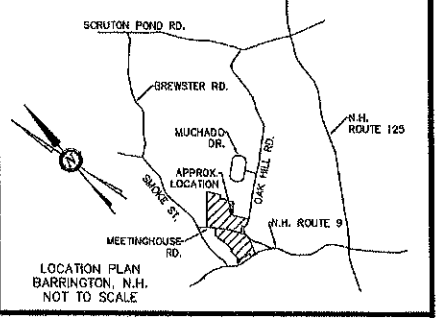
- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEMCC WETLANDS WORKGROUP, WILMINGTON, MA 01887.
- 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND.PLANTS.USACE.ARMY.ML). U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BOMAP, CHAPEN HILL.
- 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHAR, R. W., M. BUTTERWICH, N.C. MELVIN, AND W.N. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST, 2014 UPDATE OF WETLAND RATINGS. PHYTONOURN 2014-411-42.
- 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT W-87-1.
- 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, NORTH-CENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
- 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1979. L. COMBORN, V. CARTER, F. GOLEY, AND E. LAROE. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE, PWS/OBS-79/31.

PLAN REFERENCES:

- 1.) "SUBDIVISION PLAN, PROPOSED SUBDIVISION, LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31" BY: BERRY SURVEY & ENGINEERING DATED: DECEMBER 30, 2016 S.C.R.D. PLAN #113-015 ALSO ON FILE AT THIS OFFICE
- 2.) "LOT LINE REVISION OVERVIEW, PROPOSED LOT LINE REVISION, LAND OF DONETTA HALEY & PAUL J. & SUZANNE W. MONEL, PAS MONEL FAMILY REVOCABLE TRUST, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31 & 36" BY: BERRY SURVEY & ENGINEERING DATED: DECEMBER 30, 2016 S.C.R.D. PLAN #113-012 ALSO ON FILE AT THIS OFFICE
- 3.) "REVISED BOUNDARY PLAN, PATRICK P. LAVOIE AND WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1995 S.C.R.D. PLAN #22-74
- 4.) "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MARCH 1994 S.C.R.D. PLAN #22-40
- 5.) "PLAN OF LAND DONALD M. MOODIE, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1983 S.C.R.D. PLAN #22-141
- 6.) "REVISED BOUNDARY PLAN PATRICK LAVOIE, DOUGLAS CAMPBELL, STEVEN LENZI, BRIAN LENZI, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: SEPTEMBER 1986 S.C.R.D. PLAN #44-19

PLAN REFERENCES CONT:

- 7.) "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MAY 1985 S.C.R.D. PLAN #28-4
- 8.) "FINAL PLAN ROWELL & TEDEMANN SUBDIVISION, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1974 S.C.R.D. PLAN #34, FOLDER #3
- 9.) "REVISED BOUNDARY PLAN AND LOTS 18, 19, AND 20, ROWELL SUBDIVISION" BY: FREDERICK E. DREW ASSOCIATES DATED: JUNE 1977 S.C.R.D. PLAN #17A-185
- 10.) "SUBDIVISION PLAN WALDRON B. HALEY & OLEVA WATSON" BY: ORVIS/DREW, LLC DATED: OCTOBER 1999 S.C.R.D. PLAN #37-73
- 11.) "BOUNDARY ADJUSTMENT PLAN, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE, PREPARED FOR WALDRON B. HALEY & OLEVA WATSON, MICHAEL J. DAHS REALTY, LLC AND CHAPEL OF NATURE" BY: ORVIS/DREW, LLC DATED: JANUARY 15, 2004 S.C.R.D. PLAN #78-30
- 12.) "RESEARCH PLAN OF S.W. END LOTS 92-99, BARRINGTON, NH" BY: F.E. DREW DATED: 1972 ON FILE AT THIS OFFICE
- 13.) "A PLAN OF EDNA SMITH PROPERTY, BARRINGTON, N.H." BY: F.E. DREW DATED: JULY 1972 ON FILE AT THIS OFFICE
- 14.) "SUBDIVISION OVERVIEW, PROPOSED SUBDIVISION, LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, N.H." BY: BERRY SURVEY & ENGINEERING DATED: DECEMBER 30, 2016 FILE NO. 052015-001 S.C.R.D. PLAN #113-14



NOTES:

- 1.) OWNER: DONETTA HALEY PO BOX 367 BARRINGTON, NH 03825
- 1A.) APPLICANT: MICHAEL H. & LISA M. MCMAHON 139 STAGE ROAD HAMPSHIRE, NH 03841
- 2.) TAX MAP 234, LOT 31 TAX MAP 234, LOT 31-4
- 3.) LOT AREA: 737,679 Sq.Ft., 19.03 Ac. 456,054 Sq.Ft., 10.32 Ac.
- 4.) S.C.R.D. BOOK 4206, PAGE 885 BOOK 4536, PAGE 849
- 5.) ZONING: GR / GENERAL RESIDENTIAL FRONTAGE ~ 200.0' MINIMUM LOT SIZE ~ 80,000 Sq. Ft. FRONT SETBACK ~ 40.0' REAR SETBACK ~ 30.0' SIDE SETBACK ~ 30.0' WETLAND SETBACK ~ 50.0' IF OVER 3,000 Sq. Ft. MAX. BUILDING HEIGHT ~ 38.0' MAX. LOT COVERAGE ~ 40%

OPEN SPACE CONSERVATION SUB MINIMUM LOT SIZE ~ 20,000 Sq. Ft. LOT WIDTH AT FRONT SETBACK ~ 75.0' FRONT SETBACK ~ 40.0' PER ZBA, CASE #234-25-34-31.4-GR-V-18-2BA SIDE SETBACK ~ 20.0' REAR SETBACK ~ 20.0'

6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAN FLOOD HAZARD REF. FEMA COMMUNITY # 330176, MAP # 33017002850, DATED: MAY 17, 2006.

7.) VERTICAL DATUM BASED ON NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE OPS RECEIVERS.

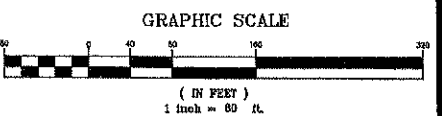
8.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SEPTEMBER OF 2016, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 25,116.

9.) SEE DETAIL SUBDIVISION SHEET FOR ADDITIONAL NOTES.

N/F MARE-ANDREE R. CLEARY REVOCABLE TRUST
 DOUGLAS S. & MARE-ANDREE R. CLEARY TRUSTEES
 65 OAK HILL ROAD
 BARRINGTON, NH 03825
 BOOK 4397, PAGE 411
 TAX MAP 234, LOT 69

DONETTA HALEY, OWNER

FOR REPAIRING RECORD PURPOSES:
 BARRINGTON, NH
-APPROVED-
 File Number 234-25-34-31.4-GR-V-18-2BA
 Date 3/12/2019
 Chairman
 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.



I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF BARRINGTON, N.H. - 1:10,000
 KENNETH A. BERRY L.L.S. 805 DATE 3-23-19

REVISED PER NOTICE OF DECISION	REVISIONS PER ACT REVIEW	REVISIONS PER DB&K COMMENT	DATE
9-23-19	7-16-19	5-14-19	
#3	#2A	#1	

OPEN SPACE CONSERVATION SUBDIVISION
 LAND OF DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)352-2863
 SCALE: 1 IN. EQUALS 80 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052

JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL L.L.C. IN AUGUST OF 2018 UTILIZING THE FOLLOWING STANDARDS:

- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. YASLIKAS, C.W. HURT, AND C.V. ROBLE (EDS.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3. APRIL 2004. NEWPCO WETLANDS WORKGROUP, WILMINGTON, MA 01897.
- 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND_PLANTS.USACE.ARMY.MIL). U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BONAP, CHAPEL HILL.
- 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHVAR, R.W., M. BUTTERFIELD, N.C. MELNIK, AND W.N. KROCHER. 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTONEURON 2014-H1-1-42.
- 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
- 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
- 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1970. L. CORNARDI, V. GARDNER, F. GOLET, AND E. LAJON. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE, FWS/OBS-79/31.

PLAN REFERENCES CONT:

- 10.) "SUBDIVISION PLAN WALDRON B. HALEY & OLEVA WATSON" BY: ORVIS/DREW, LLC DATED: OCTOBER 1999 S.C.R.D. PLAN #57-73
- 11.) "BOUNDARY ADJUSTMENT PLAT, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE, PREPARED FOR WALDRON B. HALEY & OLEVA WATSON, MICHAEL A. DAVIS REALTY, L.L.C. AND CHASE OF NATEMITY" BY: ORVIS/DREW, LLC DATED: JANUARY 25, 2004 S.C.R.D. PLAN #76-30
- 12.) "RESEARCH PLAN OF S.W. END LOTS 92-95, BARRINGTON, N.H." BY: F.E. DREW DATED: 1972 ON FILE AT THIS OFFICE
- 13.) "A PLAN OF EDNA SMITH PROPERTY, BARRINGTON, N.H." BY: F.E. DREW DATED: JULY 1972 ON FILE AT THIS OFFICE
- 14.) "SUBDIVISION OVERVIEW, PROPOSED SUBDIVISION LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, N.H." BY: BERRY SURVEYING & ENGINEERING DATED: DECEMBER 30, 2018 FILE NO. DB2016-091 S.C.R.D. PLAN #113-14

PLAN REFERENCES:

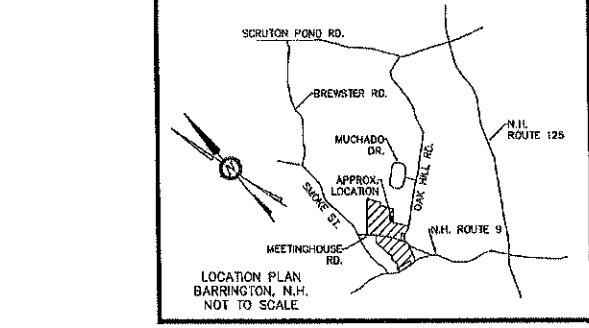
- 1.) "SUBDIVISION PLAN, PROPOSED SUBDIVISION, LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31" BY: BERRY SURVEYING & ENGINEERING DATED: DECEMBER 30, 2018 S.C.R.D. PLAN #113-015 ALSO ON FILE AT THIS OFFICE
- 2.) "LOT LINE REVISION OVERVIEW, PROPOSED LOT LINE REVISION, LAND OF DONETTA HALEY & PAUL J. & SUZANNE W. MICHEL, P&S MICHEL FAMILY REVOCABLE TRUST, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31 & 38" BY: BERRY SURVEYING & ENGINEERING DATED: DECEMBER 30, 2016 S.C.R.D. PLAN #113-012 ALSO ON FILE AT THIS OFFICE
- 3.) "REVISED BOUNDARY PLAN, PATRICK P. LAVOIE AND WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1985 S.C.R.D. PLAN #28-74
- 4.) "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MARCH 1984 S.C.R.D. PLAN #22-140
- 5.) "PLAN OF LAND DONALD M. WOODIE, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1983 S.C.R.D. PLAN #22-141
- 6.) "REVISED BOUNDARY PLAN PATRICK LAVOIE, BOODOLAS CAMPBELL, STEVEN LENZI, BRIAN LENZI, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: SEPTEMBER 1986 S.C.R.D. PLAN #94-19
- 7.) "REVISED BOUNDARY PLAN WALDRON B. HALEY BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MAY 1985 S.C.R.D. PLAN #28-4
- 8.) "FINAL PLAN ROWELL & TIEDENMANN SUBDIVISION, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1974 S.C.R.D. PLAN #34, POCKET #8, FOLDER #3
- 9.) "REVISED BOUNDARY PLAN AND LOTS 16, 13, AND 20, ROWELL SUBDIVISION" BY: FREDERICK E. DREW ASSOCIATES DATED: JUNE 1977 S.C.R.D. PLAN #17A-165

NOTES CONT:

- 9.) THE INTENT OF THIS PLAN IS TO SHOW THE PROPOSED OPEN SPACE SUBDIVISION OF TAX MAP 234, LOT 31 & 31-4, AS SHOWN, INTO 13 INDIVIDUAL LOTS WITH REMAINING OPEN SPACE. THIS SHEET WILL BE RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS. THE TOPOGRAPHIC SHEET AND SUPPORTING ENGINEERING SHEETS WILL BE ON RECORD AT THIS OFFICE AND THE TOWN OF BARRINGTON.
- 10.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
- 11.) REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA 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.
- 12.) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
- 13.) IN ACCORDANCE WITH TOWN REGULATIONS AND RSA 678:13, ALL IMPROVEMENTS SPECIFIED ON THESE SITE PLANS SHALL BE CONSTRUCTED, COMPLETED, INSPECTED AND APPROVED BY THE TOWN OF BARRINGTON PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- 14.) NHDES SUBDIVISION APPROVAL WILL BE REQUIRED FOR ALL 13 PROPOSED LOTS.
- 15.) NO PORTION OF ANY NEW DRIVEWAY MAY BE STEEPER THAN 10% GRADE.
- 16.) THERE WERE NO CEMETERIES OBSERVED ON THE PARCEL WHEN THE FIELD WORK WAS TAKING PLACE.
- 17.) THIS SUBDIVISION IS SUBJECT TO THE CLASS V UPGRADE REQUIREMENT OF MEETINGHOUSE ROAD, SEE ENGINEERING SHEETS.

NOTES:

- 1.) OWNER: DONETTA HALEY PO BOX 367 BARRINGTON, NH 03825
- 2.) APPLICANT: MICHAEL H. & LISA M. MCMAHON 139 STAGE ROAD HAMPSHIRE, NH 03841
- 3.) TAX MAP 234, LOT 31 TAX MAP 234, LOT 31-4
- 4.) LOT AREA: 737,879 Sq. Ft., 16.93 Ac. 458,004 Sq. Ft., 10.52 Ac.
- 5.) S.C.R.D.: BOOK 4298, PAGE 885 BOOK 4538, PAGE 849
- 6.) ZONING: GR / GENERAL RESIDENTIAL FRONTAGE ~ 200.0' MINIMUM LOT SIZE ~ 80,000 Sq. Ft. FRONT SETBACK ~ 40.0' REAR SETBACK ~ 30.0' SIDE SETBACK ~ 30.0' WETLAND SETBACK ~ 50.0' IF OVER 3,000 Sq. Ft. MAX. BUILDING HEIGHT ~ 35.0' MAX. LOT COVERAGE ~ 40%
- 7.) OPEN SPACE CONSERVATION SUB MINIMUM LOT SIZE ~ 20,000 Sq. Ft. LOT WIDTH AT FRONT SETBACK ~ 75.0' FRONT SETBACK ~ 40.0' PER ZBA, CASE #234-25-34-31.4-GR-V-18-ZBA SIDE SETBACK ~ 20.0' REAR SETBACK ~ 20.0'
- 8.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD ZONE OF BARRINGTON, NH - 33017C02850, DATED: MAY 17, 2005.
- 9.) VERTICAL DATUM BASED ON HANOVER ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83 COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 10.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SEPTEMBER OF 2018, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 25,116.



N/F MCMAHON, MICHAEL H. & LORI 85 SURF LANE RYE, NH 03870 BOOK 4057, PAGE 098 TAX MAP 234, LOT 31-3

PLANNING BOARD FOR BARRINGTON, NH

-APPROVED-

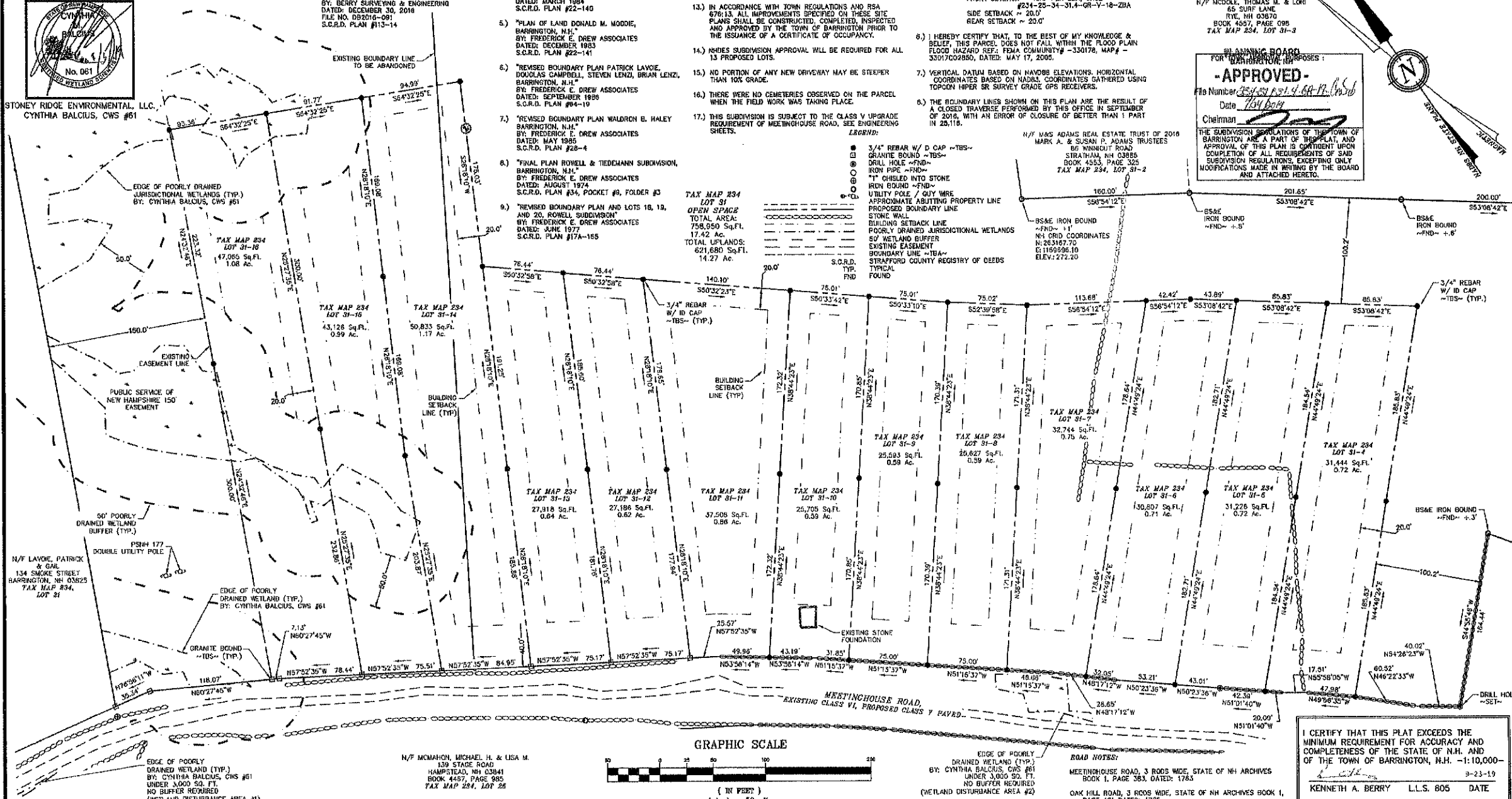
File Number: *2018-091*

Date: *10/16/19*

Chairman: *[Signature]*

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

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&R COMMENT



DETAILS

OPEN SPACE CONSERVATION SUBDIVISION

LAND OF DONETTA HALEY

OAK HILL ROAD & MEETINGHOUSE ROAD

BARRINGTON, NH

TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT ROAD

BARRINGTON, NH 03825 (603) 332-2863

SCALE: 1 IN. EQUALS 50 FT.

DATE: MARCH 12, 2019

FILE NO.: DB 2017 - 052

I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. - 1:10,000-

3-23-19

KENNETH A. BERRY L.L.S. 805 DATE

SHEET 10 OF 38

SOIL DATA:

- H4C ~ HOLLIS-CHARLTON VERY ROCKY FINE SANDY LOAM, 0 TO 10% SLOPES
 - S4B ~ SUTTON VERY STONY FINE SANDY LOAM, 0 TO 8% SLOPES
 - L4A ~ LEICESTER-ROXBURY VERY STONY FINE SANDY LOAMS, 0 TO 3% SLOPES
 - G4E ~ GLOUCESTER VERY STONY FINE SANDY LOAM, 20 TO 60% SLOPES
 - C4C ~ CLUCESTER VERY STONY FINE SANDY LOAM, 0 TO 15% SLOPES
 - S6 ~ SMOGATUCK LOAMY SAND
 - F4D ~ WINDSOR LOAMY SAND, 3-8% SLOPES
- SEE USDA/NRCS WEBSOIL SURVEY

LEGEND:

- 3/4" REBAR W/ D CAP ~TBS~
- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- 1" CHISEL INTO STONE
- IRON BOUND ~FND~
- UTILITY POLE / GUY WIRE
- APPROXIMATE ADJUTING PROPERTY LINE
- PROPOSED BOUNDARY LINE
- STONE WALL
- BUILDING SETBACK LINE
- POORLY DRAINED JURISDICTIONAL WETLANDS
- 50' WETLAND BUFFER
- EXISTING EASEMENT
- BOUNDARY LINE ~TDA~
- NRCS SOIL LINE
- PROPOSED 4K LEACHING AREA

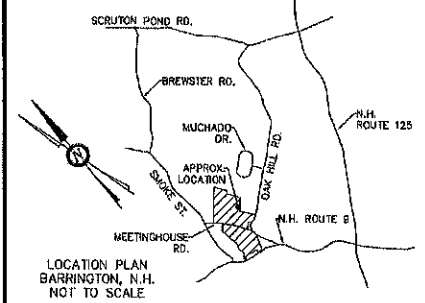
S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
TYP. TYPICAL
FND FOUND

PLAN REFERENCES:

1. "SUBDIVISION PLAN, PROPOSED SUBDIVISION, LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31" BY: BERRY SURVEY & ENGINEERING DATED: DECEMBER 30, 2016 S.C.R.D. PLAN #113-016 ALSO ON FILE AT THIS OFFICE
2. "LOT LINE REVISION OVERVIEW, PROPOSED LOT LINE REVISION, LAND OF DONETTA HALEY & PAUL J. & SUZANNE W. MCNEIL, PARS MCNEIL FAMILY REVOCABLE TRUST, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31 & 32" BY: BERRY SURVEY & ENGINEERING DATED: DECEMBER 30, 2016 S.C.R.D. PLAN #113-012 ALSO ON FILE AT THIS OFFICE
3. "REVISED BOUNDARY PLAN, PATRICK P. LAVOIE AND WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1985 S.C.R.D. PLAN #28-74
4. "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MARCH 1991 S.C.R.D. PLAN #22-140
5. "PLAN OF LAND DONALD W. WOODIE, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1983 S.C.R.D. PLAN #22-141
6. "REVISED BOUNDARY PLAN PATRICK LAVOIE, DOUGLAS CAMPBELL, STEVEN LENZI, BRIAN LENZI, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: SEPTEMBER 1988 S.C.R.D. PLAN #24-19

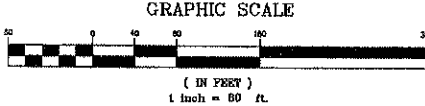
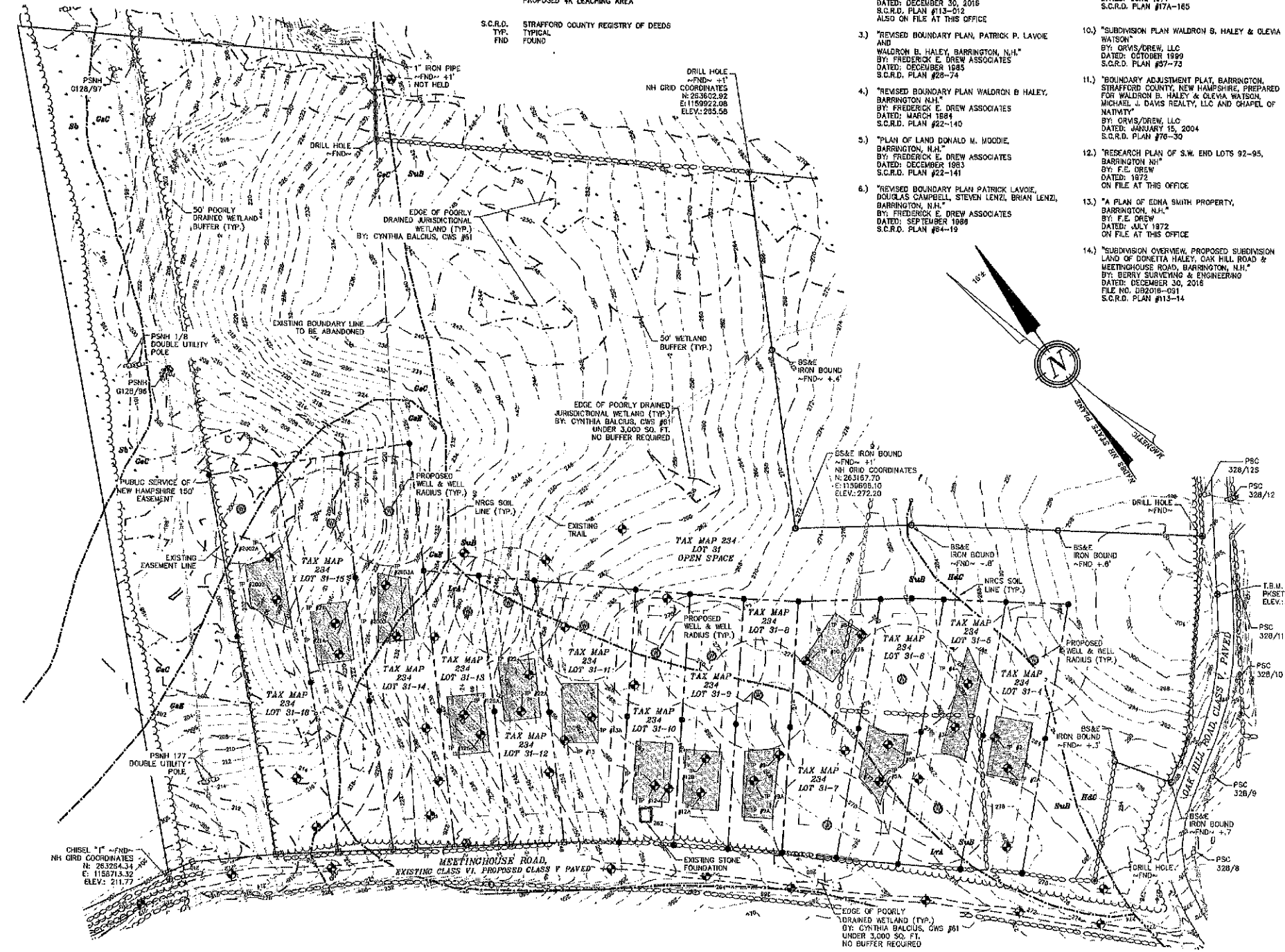
PLAN REFERENCES CONT:

7. "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: MAY 1985 S.C.R.D. PLAN #28-4
8. "FINAL PLAN ROWELL & TEDEMANN SUBDIVISION, BARRINGTON, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1974 S.C.R.D. PLAN #34, FOLDER #3
9. "REVISED BOUNDARY PLAN AND LOTS 18, 19, AND 20, ROWELL SUBDIVISION" BY: FREDERICK E. DREW ASSOCIATES DATED: JUNE 1977 S.C.R.D. PLAN #17A-185
10. "SUBDIVISION PLAN WALDRON B. HALEY & OLEVA WATSON" BY: GRWS/DREW, LLC DATED: OCTOBER 1999 S.C.R.D. PLAN #37-73
11. "BOUNDARY ADJUSTMENT PLAT, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE, PREPARED FOR WALDRON B. HALEY & OLEVA WATSON, MICHAEL J. DAVIS REALTY, LLC AND CHAPEL OF NATIVITY" BY: GRWS/DREW, LLC DATED: JANUARY 15, 2004 S.C.R.D. PLAN #76-30
12. "RESEARCH PLAN OF S.W. END LOTS 92-95, BARRINGTON NH" BY: F.E. DREW DATED: 1972 ON FILE AT THIS OFFICE
13. "A PLAN OF EDNA SMITH PROPERTY, BARRINGTON, N.H." BY: F.E. DREW DATED: JULY 1972 ON FILE AT THIS OFFICE
14. "SUBDIVISION OVERVIEW, PROPOSED SUBDIVISION LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, N.H." BY: BERRY SURVEYING & ENGINEERING DATED: DECEMBER 30, 2016 FILE NO. 102016-001 S.C.R.D. PLAN #113-14



NOTES:

- 1) OWNER: DONETTA HALEY PO BOX 317 BARRINGTON, NH 03825
- 1A) APPLICANT: MICHAEL H. & LISA M. MCMAHON 139 STAGE ROAD HAMPSTEAD, NH 03841
- 2) TAX MAP 234, LOT 31 TAX MAP 234, LOT 31-4
- 3) LOT AREA: 737,679 Sq.Ft., 16.93 Ac. 498,054 Sq.Ft., 10.92 Ac.
- 4) S.C.R.D. BOOK 4290, PAGE 645 BOOK 4536, PAGE 849
- 5) ZONING: GR / GENERAL RESIDENTIAL FRONTAGE ~ 200.0' MINIMUM LOT SIZE ~ 80,000 Sq. Ft. FRONT SETBACK ~ 40.0' REAR SETBACK ~ 30.0' SIDE SETBACK ~ 30.0' WETLAND SETBACK ~ 50.0' IF OVER 3,000 Sq. Ft. MAX. BUILDING HEIGHT ~ 38.0' MAX. LOT COVERAGE ~ 40%
OPEN SPACE CONSERVATION SUB MINIMUM LOT SIZE ~ 20,000 Sq. Ft. LOT WIDTH AT FRONT SETBACK ~ 75.0' FRONT SETBACK ~ 40.0' PER ZBA, CASE #234-25-34-31.4-GR-V-16-ZBA SIDE SETBACK ~ 20.0' REAR SETBACK ~ 20.0'
- 6) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAN FLOOD HAZARD REF.: FEMA COMMUNITY # 330176, MAP # 33017002850, DATED: MAY 17, 2005.
- 7) VERTICAL DATUM BASED ON NAD83 ELEVATIONS, HORIZONTAL COORDINATES BASED ON NAD83 COORDINATES BATHYMETRIC TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 8) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SEPTEMBER OF 2016, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 25,116.
- 9) SEE DETAIL SUBDIVISION SHEET FOR ADDITIONAL NOTES. ALSO SEE COMPLETE PLAN SET FOR ADDITIONAL TEST PIT INFORMATION.

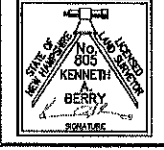


I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF BARRINGTON, N.H. - 1:10,000
KENNETH A. BERRY L.L.S. 805 DATE 9-23-19

REVISION PER NOTICE OF DECISION	REVISIONS PER AOT REVIEW	REVISIONS PER DB&K COMMENT	DATE	DESCRIPTION
9-23-19	7-18-19	5-14-19		
#3	#2A	#1		

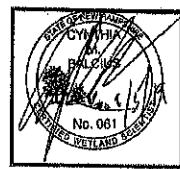
OVERVIEW TOPOGRAPHY
OPEN SPACE CONSERVATION SUBDIVISION
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 80 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052



JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN AUGUST OF 2018 UTILIZING THE FOLLOWING STANDARDS:

- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.), UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEWPOC WETLANDS WORKGROUP, WILMINGTON, MA 01857.
- 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTPS://WETLAND.PLANETSAFARI.COM/), U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BONNY, CHAPEL HILL.
- 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST, LICHVAR, R.W., M. BUTTERMICH, N.C. MELVIN, AND W.N. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST, 2014 UPDATE OF WETLAND RATINGS, PHYTONEURON 2014-#11-42.
- 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
- 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL 11-12-1.
- 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1979. L. COWARDIN, V. CARTER, F. COLETT, AND E. LAROE. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE, FWS/698-79/31.

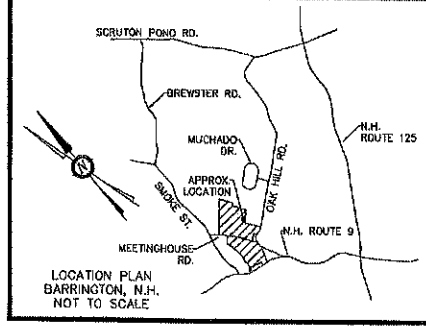


STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CWS #61

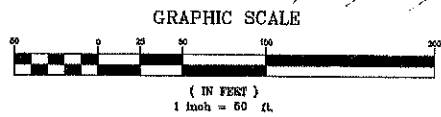
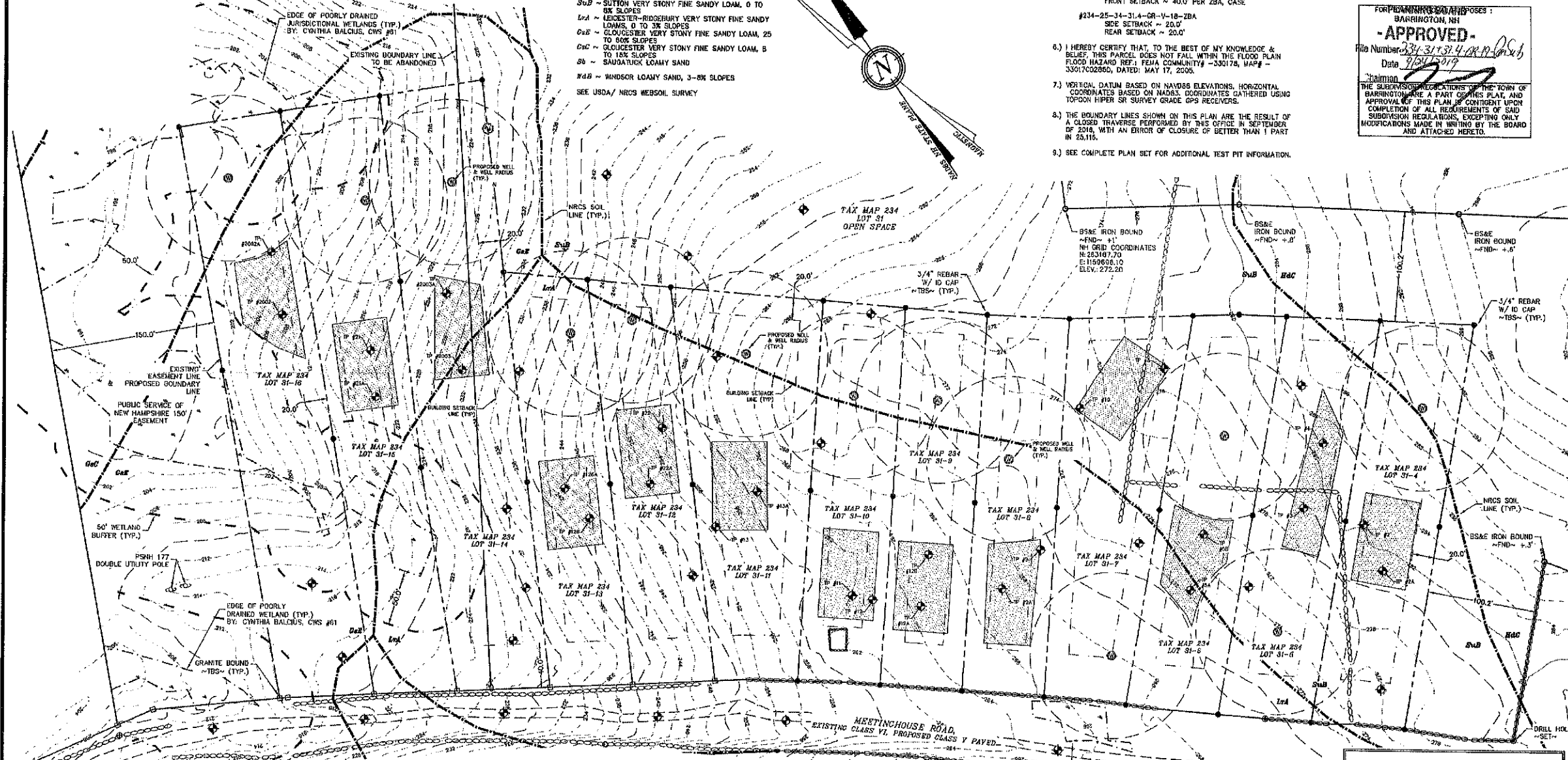
- LEGEND:**
- 3/4" REBAR W/ D CAP ~TBS~
 - DRILL HOLE ~FND~
 - IRON PIPE ~FND~
 - 7" CHISEL INTO STONE
 - IRON BOARD ~FND~
 - UTILITY POLE / GUY WIRE
 - APPROXIMATE ABUTTING PROPERTY LINE
 - PROPOSED BOUNDARY LINE
 - STONE WALL
 - BUILDING SETBACK LINE
 - POORLY DRAINED JURISDICTIONAL WETLANDS
 - 50' WETLAND BUFFER
 - EXISTING EASEMENT
 - BOUNDARY LINE ~TBA~
 - NRCS SOIL LINE
 - PROPOSED 4K LEACHING AREA
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
TYP. FOUND

- SOIL DATA:**
- H6C ~ HOLLIS-CHARLTON VERY ROCKY FINE SANDY LOAM, 8 TO 15% SLOPES
 - SubD ~ SUTTON VERY STONY FINE SANDY LOAM, 0 TO 8% SLOPES
 - Lrd ~ LEICESTER-RIDGEBURY VERY STONY FINE SANDY LOAMS, 0 TO 3% SLOPES
 - Ca2 ~ GLOUCESTER VERY STONY FINE SANDY LOAM, 25 TO 50% SLOPES
 - Ca2c ~ GLOUCESTER VERY STONY FINE SANDY LOAM, 5 TO 15% SLOPES
 - Sb ~ SAUGATUCK LOAMY SAND
 - Wdb ~ WINDSOR LOAMY SAND, 3-8% SLOPES
- SEE USDA / NRCS WEBSOIL SURVEY

- NOTES:**
- 1.) OWNER: DONETTA HALEY
PO BOX 357
BARRINGTON, NH 03825
 - 1A.) APPLICANT: MICHAEL H. & LISA H. McMAHON
139 STAGE ROAD
HAMPSHIRE, NH 03841
 - 2.) TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
 - 3.) LOT AREA: 737,679 Sq.Ft., 19.93 Ac.
428,054 Sq.Ft., 10.52 Ac.
 - 4.) S.C.R.D. BOOK 4286, PAGE 685
BOOK 4536, PAGE 640
 - 5.) ZONING: GR / GENERAL RESIDENTIAL
FRONTAGE ~ 200.0'
MINIMUM LOT SIZE ~ 80,000 Sq. Ft.
FRONT SETBACK ~ 40.0'
REAR SETBACK ~ 30.0'
SIDE SETBACK ~ 30.0'
WETLAND SETBACK ~ 60.0' IF OVER 3,000 Sq. Ft.
MAX. BUILDING HEIGHT ~ 35.0'
MAX. LOT COVERAGE ~ 4.5%
- OPEN SPACE CONSERVATION SUB
MINIMUM LOT SIZE ~ 20,000 Sq. Ft.
LOT WIDTH AT FRONT SETBACK ~ 75.0'
FRONT SETBACK ~ 40.0' PER ZBA, CASE #234-25-34-31.4-GR-V-18-2BA
SIDE SETBACK ~ 20.0'
REAR SETBACK ~ 20.0'
- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAN FLOOD HAZARD REF. 1 FEMA COMMUNITY # 330178, MAP # 330170285D, DATED, MAY 17, 2005.
 - 7.) VERTICAL DATUM BASED ON NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
 - 8.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SEPTEMBER OF 2016, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 25,115.
 - 9.) SEE COMPLETE PLAN SET FOR ADDITIONAL TEST PIT INFORMATION.



FOR PERMITS AND PURPOSES:
BARRINGTON, NH
-APPROVED-
File Number: 334-31-31.4-GR-V-18-2BA
Date: 9/23/2019
Chairman



I CERTIFY THAT THIS PLAN EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF BARRINGTON, N.H. --1:10,000--
9-23-19
KENNETH A. BERRY L.L.S. 805 DATE

REVISED PER NOTICE OF DECISION	DESCRIPTION
9-23-19	
7-16-19	REVISIONS PER AOT REVIEW
5-14-19	REVISIONS PER DE&K COMMENT
#3	DATE
#2A	REVISION

DETAIL TOPOGRAPHY

OPEN SPACE CONSERVATION SUBDIVISION
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 50 FT.
DATE: MARCH 12, 2019
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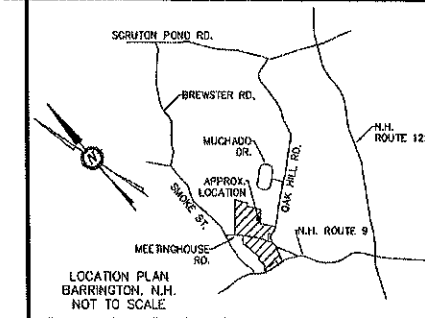


PLAN REFERENCES:

- 1.) "SUBDIVISION PLAN, PROPOSED SUBDIVISION, LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31, BY: BERRY SURVEY & ENGINEERING DATED: DECEMBER 30, 2019 S.C.R.D. PLAN #113-015 ALSO ON FILE AT THIS OFFICE
- 2.) "LOT LINE REVISION OVERVIEW, PROPOSED LOT LINE REVISION, LAND OF DONETTA HALEY & PAUL J. & SUZANNE W. MCNEIL, PWS MCNEIL FAMILY REVOCABLE TRUST, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH, TAX MAP 234, LOT 31 & 38" BY: BERRY SURVEY & ENGINEERING DATED: DECEMBER 30, 2019 S.C.R.D. PLAN #113-012 ALSO ON FILE AT THIS OFFICE
- 3.) "REVISED BOUNDARY PLAN, PATRICK P. LAVOIE AND WALDRON B. HALEY, BARRINGTON, NH." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1985 S.C.R.D. PLAN #29-74
- 4.) "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, NH." BY: FREDERICK E. DREW ASSOCIATES DATED: MARCH 1984 S.C.R.D. PLAN #22-140
- 5.) "PLAN OF LAND DONALD H. MODIE, BARRINGTON, NH." BY: FREDERICK E. DREW ASSOCIATES DATED: DECEMBER 1983 S.C.R.D. PLAN #22-141
- 6.) "REVISED BOUNDARY PLAN PATRICK LAVOIE, DONIGLAS CAMPBELL, STEVEN LENZI, BRIAN LENZI, BARRINGTON, NH." BY: FREDERICK E. DREW ASSOCIATES DATED: SEPTEMBER 1986 S.C.R.D. PLAN #54-19
- 7.) "REVISED BOUNDARY PLAN WALDRON B. HALEY, BARRINGTON, NH." BY: FREDERICK E. DREW ASSOCIATES DATED: MAY 1985 S.C.R.D. PLAN #28-4
- 8.) "FINAL PLAN ROWELL & TEDEMANN SUBDIVISION, BARRINGTON, NH." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1974 S.C.R.D. PLAN #34, POCKET #9, FOLDER #5
- 9.) "REVISED BOUNDARY PLAN AND LOTS 18, 19, AND 20, ROWELL SUBDIVISION" BY: FREDERICK E. DREW ASSOCIATES DATED: JUNE 1977 S.C.R.D. PLAN #17A-165
- 10.) "SUBDIVISION PLAN WALDRON B. HALEY & OLEVA WATSON" BY: DRIS/OREW, LLC DATED: OCTOBER 1999 S.C.R.D. PLAN #57-73
- 11.) "BOUNDARY ADJUSTMENT PLAT, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE, PREPARED FOR WALDRON B. HALEY & OLEVA WATSON, MICHAEL J. DAVIS REALTY, LLC AND CHAPEL OF NATHANITY" BY: DRIS/OREW, LLC DATED: JANUARY 15, 2004 S.C.R.D. PLAN #76-30
- 12.) "RESEARCH PLAN OF S.W. END LOTS 92-95, BARRINGTON NH" BY: F.E. DREW DATED: 1972 ON FILE AT THIS OFFICE
- 13.) "A PLAN OF EDNA SMITH PROPERTY, BARRINGTON, NH." BY: F.E. DREW DATED: JULY 1972 ON FILE AT THIS OFFICE
- 14.) "SUBDIVISION OVERVIEW, PROPOSED SUBDIVISION LAND OF DONETTA HALEY, OAK HILL ROAD & MEETINGHOUSE ROAD, BARRINGTON, NH." BY: BERRY SURVEYING & ENGINEERING DATED: DECEMBER 30, 2016 FILE NO. 082016-081 S.C.R.D. PLAN #113-14

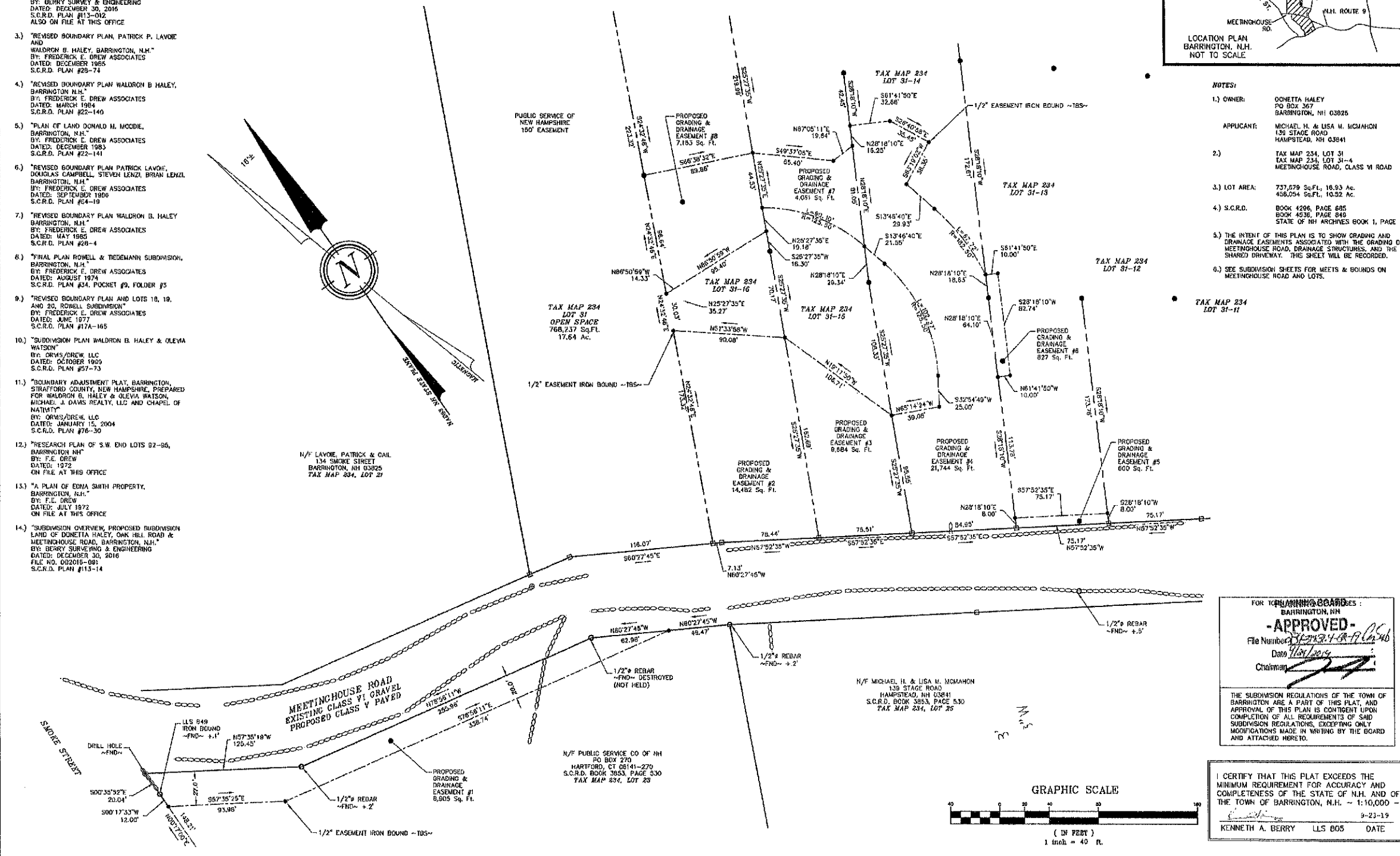
LEGEND:

- 1/2" EASEMENT IRON BOUND W/D CAP ~TBS~
- 3/4" IRON BOUND W/ ID CAP ~TBS~
- ⊙ CHISEL "T" ~FND~
- DRILL HOLE ~FND OR SET~
- IRON BOUND ~FND~
- PROPOSED BOUNDARY LINE
- PROPOSED EASEMENT LINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- TO BE SET
- FOUND
- S.C.R.D.
- STRAFFORD COUNTY REGISTRY OF DEEDS



NOTES:

- 1.) OWNER: DONETTA HALEY PO BOX 367 BARRINGTON, NH 03825
- 2.) APPLICANT: MICHAEL H. & LISA M. MCMAHON 139 STAGE ROAD HAMPSHIRE, NH 03841
- 3.) LOT AREA: 737,679 Sq.Ft., 16.93 Ac. 458,054 Sq.Ft., 10.52 Ac.
- 4.) S.C.R.D. BOOK 1206, PAGE 685 BOOK 4836, PAGE 840 STATE OF NH ARCHIVES BOOK 1, PAGE 303
- 5.) THE INTENT OF THIS PLAN IS TO SHOW GRADING AND DRAINAGE EASEMENTS ASSOCIATED WITH THE GRADING OF MEETINGHOUSE ROAD, DRAINAGE STRUCTURES, AND THE SHARED DRIVEWAY. THIS SHEET WILL BE RECORDED.
- 6.) SEE SUBDIVISION SHEETS FOR METES & BOUNDS ON MEETINGHOUSE ROAD AND LOTS.



FOR TOWN BOARD USES:
BARRINGTON, NH
-APPROVED-
 File Number: *113-015*
 Date: *1/18/2019*
 Chairman: *[Signature]*

THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAT, 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.

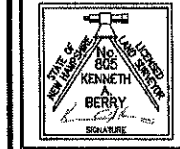
I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF BARRINGTON, N.H. ~ 1:10,000 -

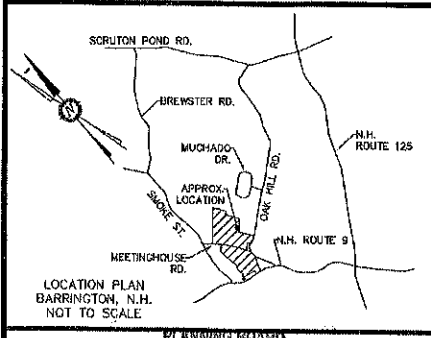
[Signature] 9-23-19
 KENNETH A. BERRY LLS 805 DATE

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

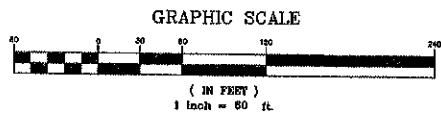
GRADING & DRAINAGE EASEMENT PLAN
 LAND OF
 DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 40 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052





APPROVED FOR BARRINGTON, NH
 File Number: 234-31-314-68-3
 Date: 11/17/2017
 Chairman: [Signature]



- NOTES:**
- OWNER: DONETTA HALEY, P.O. BOX 387, BARRINGTON, NH 03825; MICHAEL H. & LISA M. MCMAHON, 139 STAGE ROAD, HAMPSSTEAD, NH 03841
 - APPLICANT: MICHAEL H. & LISA M. MCMAHON, 139 STAGE ROAD, HAMPSSTEAD, NH 03841
 - LOT AREA: 1,022,041 Sq. Ft., 23.48 Ac. (TAX MAP 234, LOT 25: 737,579 Sq. Ft., 16.93 Ac.; TAX MAP 234, LOT 31: 484,054 Sq. Ft., 10.55 Ac.)
 - S.C.R.D.: BOOK 4487, PAGE 993; BOOK 428, PAGE 885; BOOK 4536, PAGE 849; STATE OF NH ARCHIVES BOOK 1, PAGE 383

DISTURBANCE PER PHASE:

DURING ANY PHASE, NO MORE THAN 217,800 Sq. Ft. (5 Ac.) IS TO BE DISTURBED. DURING ANY PHASE, IF PREVIOUSLY DISTURBED LAND IS STABILIZED, ADDITIONAL LOTS ARE ALLOWED TO BE DISTURBED, PENDING TOTAL DISTURBED LAND REMAINS UNDER 217,800 Sq. Ft. (5 Ac.). SEE SHEET E-101 FOR THE DEFINITION OF STABLE.

PHASE 1:

- DEVELOPMENT DISTURBANCE: 132,850 ± Sq. Ft., 3.01 Ac.
- CONSTRUCTION OF MEETINGHOUSE ROAD
- CONSTRUCTION OF DECELERATION LANE
- CONSTRUCTION OF RAIN GARDENS #101, #102, & #103

ORGANIZATION AND BORROW AREA TO BE ESTABLISHED ON TAX MAP 234, LOT 25-2 OF ± 1.26 ACRES IN AREA PROPOSED TO BE DISTURBED IN PROJECT 2. TOTAL DISTURBED LAND MUST REMAIN UNDER 217,800 Sq. Ft. (5 Ac.).

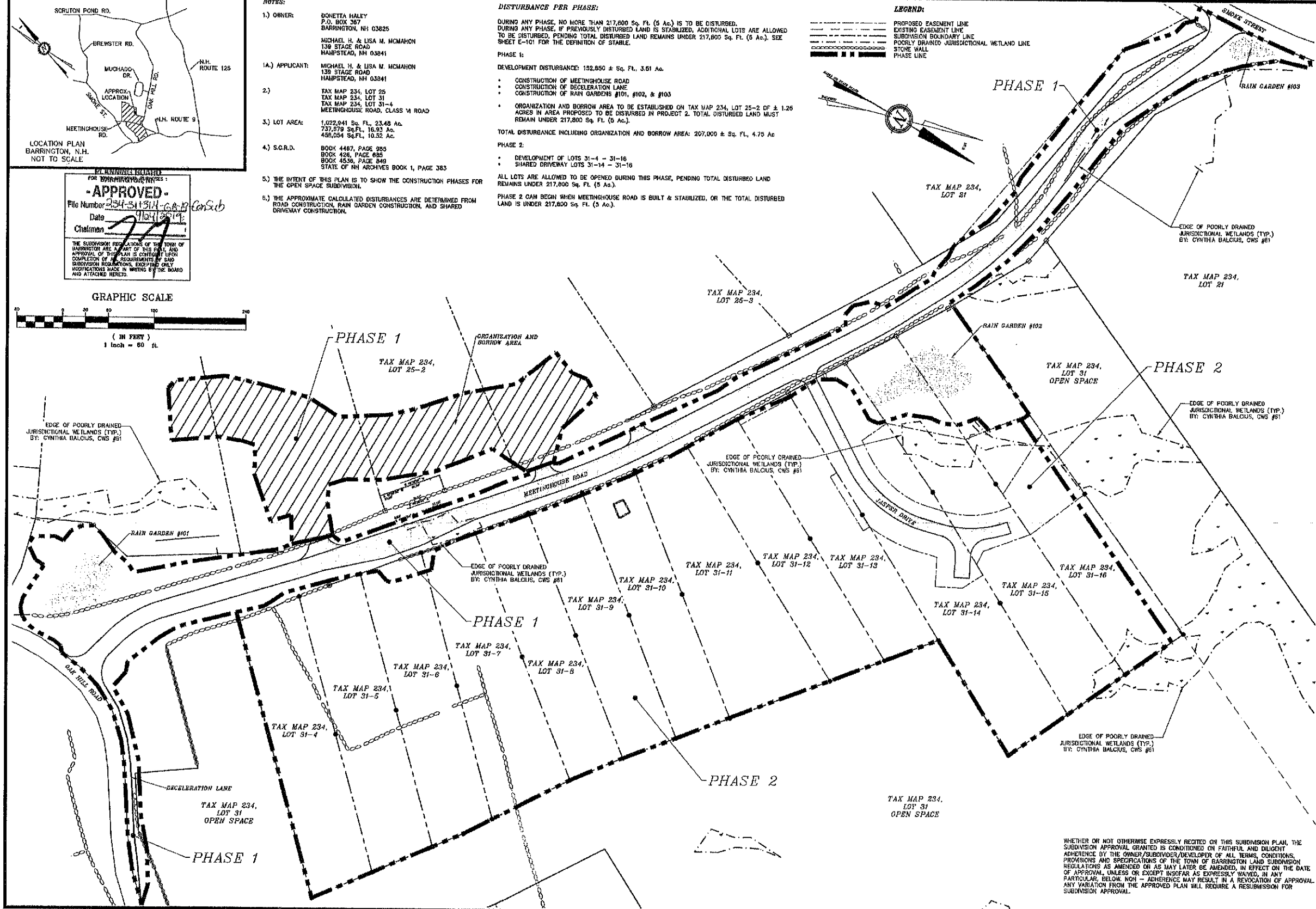
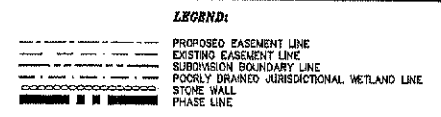
TOTAL DISTURBANCE INCLUDING ORGANIZATION AND BORROW AREA: 207,000 ± Sq. Ft., 4.75 Ac.

PHASE 2:

- DEVELOPMENT OF LOTS 31-4 - 31-16
- SHARED DRIVEWAY LOTS 31-14 - 31-16

ALL LOTS ARE ALLOWED TO BE OPENED DURING THIS PHASE, PENDING TOTAL DISTURBED LAND REMAINS UNDER 217,800 Sq. Ft. (5 Ac.).

PHASE 2 CAN BEGIN WHEN MEETINGHOUSE ROAD IS BUILT & STABILIZED, OR THE TOTAL DISTURBED LAND IS UNDER 217,800 Sq. Ft. (5 Ac.).



REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
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#1	5-14-19	REVISIONS PER DB&K COMMENT

CONSTRUCTION PHASING PLAN
 LAND OF
 DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 TAX MAP 234, LOTS 25 & 31-4

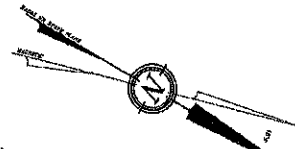
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 60 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052



WHETHER OR NOT OTHERWISE EXPRESSLY RECITED ON THIS SUBMISSION PLAN, THE SUBDIVISION APPROVAL GRANTED IS CONDITIONED ON FAITHFUL AND DILIGENT ADHERENCE BY THE OWNER/SUBDIVIDER/DEVELOPER OF ALL TERMS, CONDITIONS, PROVISIONS AND SPECIFICATIONS OF THE TOWN OF BARRINGTON LAND SUBDIVISION REGULATIONS AS AMENDED OR AS MAY LATER BE AMENDED, IN EFFECT ON THE DATE OF APPROVAL, UNLESS OR EXCEPT INsofar AS EXPRESSLY WAIVED, IN ANY PARTICULAR, BELOW, NON - ADHERENCE MAY RESULT IN A REVOCATION OF APPROVAL. ANY VARIATION FROM THE APPROVED PLAN WILL REQUIRE A RESUBMISSION FOR SUBDIVISION APPROVAL.

STANDARD CONSTRUCTION NOTES:

- 1.) OWNER: DONETTA HALEY
P.O. BOX 367
BARRINGTON, NH 03825
MOHAWK, E. & LISA M. MOHAWK
130 STAGE ROAD
HAMPSHIRE, NH 03841
- 1A.) APPLICANT: MICHAEL E. & LISA M. MOHAWK
130 STAGE ROAD
HAMPSHIRE, NH 03841
- 2.) TAX MAP 234, LOT 25
TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
MEETINGHOUSE ROAD, CLASS V ROAD
- 3.) LOT AREA:
1,072,841 sq. ft., 23.45 ac.
737,275 sq. ft., 16.93 ac.
486,254 sq. ft., 10.92 ac.
- 4.) S.C.R.D. BOOK 4467, PAGE 886
BOOK 426, PAGE 885
BOOK 433, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 363
- 5.) THE INTENT OF THIS PLAN IS TO PROVIDE OVERVIEW GRADING AND ENGINEERING DETAIL OF MEETINGHOUSE ROAD ALONG WITH THE GRADING AND DRAINAGE DETAILS OF TAX MAP 234, LOT 25.
- 6.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE.
- 7.) THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2005. CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
- 8.) AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE NYLAR MEDIUM AND IN A DIGITAL DWT FORMAT ON DISK TO THE TOWN OF BARRINGTON UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A L.S. OR P.E.
- 9.) TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN SUMMER 2017.
- 10.) DATUM: PROJECT DATUM IS BASED ON GPS COORDINATES ESTABLISHED WITH A TOPCON HIPER SR RECEIVER IN STATION 208 AND RECORDED IN NEW HAMPSHIRE STATE PLANE COORDINATES HAD 1983 AND VERTICALLY BY NAVD 1988.
- 11.) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONTACTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- 12.) THE CONTRACTOR SHALL CALL AND COORDINATE WITH DISUTE 1-888-344-7343 AT LEAST 24 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- 13.) SEE DETAILS CONCERNING SITE LAYOUT, DRAINAGE, UTILITY AND SEDIMENT AND EROSION CONTROLS.
- 14.) SOIL SEDIMENT AND EROSION CONTROL PLAN FOR BEST PRACTICE AND CONTROLS FOR THE ENTIRE SITE.
- 15.) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- 16.) AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 17.) CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
- 18.) WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ASCERTAINED AND RECORDED IMMEDIATELY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR REVISION OF THE CONFLICT.
- 19.) FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE TOWN OF BARRINGTON.
- 20.) CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH ENCSOURCE AT (603)-436-7708. ALL ELECTRIC CABLE INSTALLATION SHALL BE INSPECTED BY ENCSOURCE PRIOR TO BACKFILL. A 48-HOUR MINIMUM NOTICE IS REQUIRED.
- 21.) CONTRACTOR SHALL COORDINATE ALL CABLE AND TELECOMMUNICATIONS INSTALLATIONS WITH ATLANTIC BROADBAND AT (603) 952-1001.
- 22.) ALL NEW ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND WITH THE EXCEPTION OF PROPOSED DROP POLE.
- 23.) THE SUBDIVISION PARCELS WILL BE SERVED ON SITE WELL AND SEPTIC SYSTEMS.



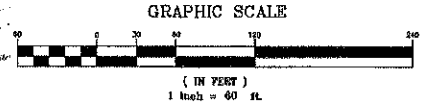
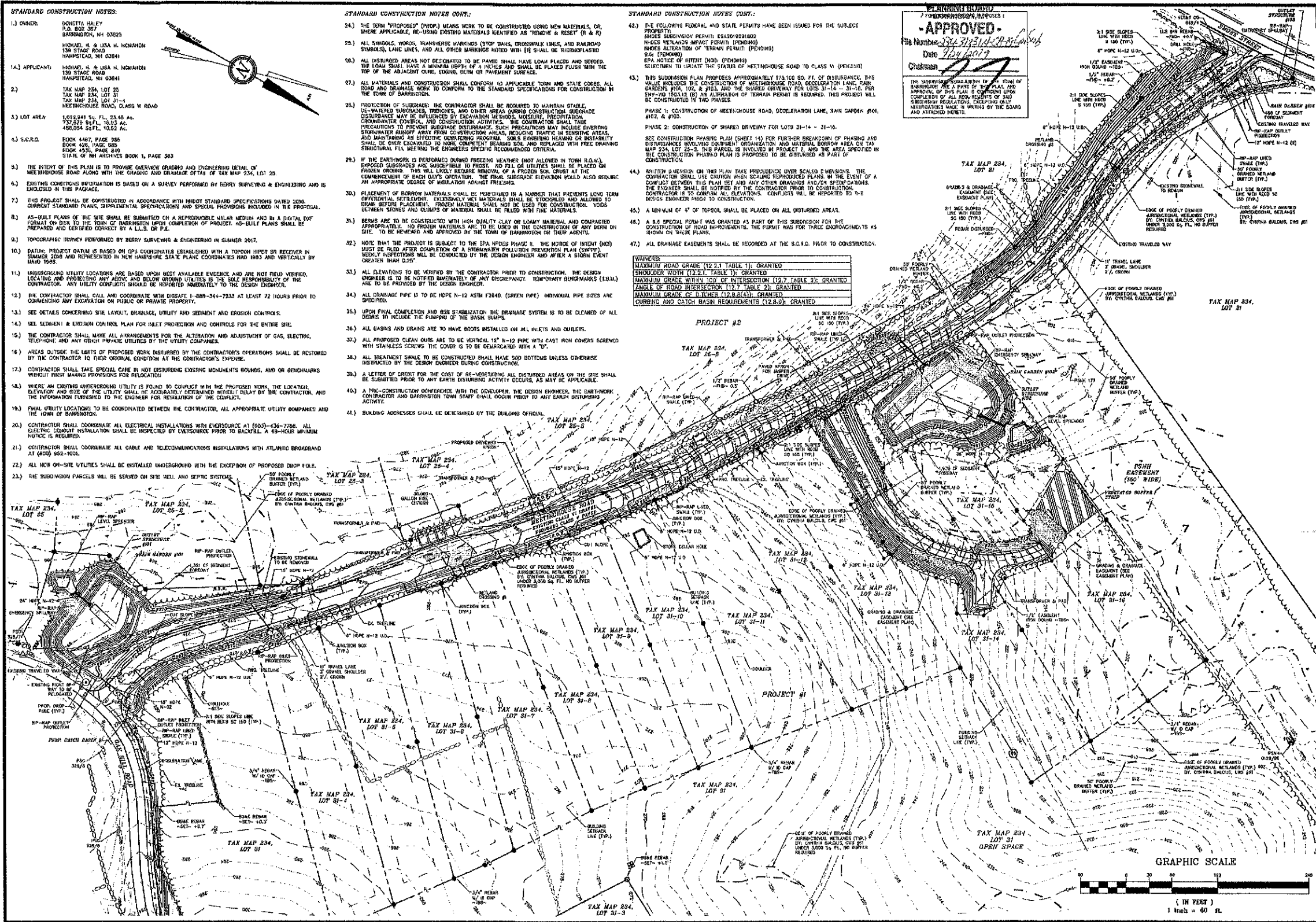
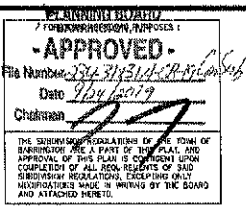
STANDARD CONSTRUCTION NOTES CONT.:

- 24.) THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS, OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS REMOVE & RESET (R & R).
- 25.) ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP SIGNS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH (X) SHALL BE REPRODUCED AS SHOWN.
- 26.) ALL UNDISTURBED AREAS NOT DESIGNATED TO BE PAVED SHALL HAVE LOAM PLACED AND SEEDED. THE LOAM SHALL HAVE A MINIMUM DEPTH OF 4 INCHES AND SHALL BE PLACED FLUSH WITH THE TOP OF THE ADJACENT CURB, SLOPE, OR PAVEMENT SURFACE.
- 27.) ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN AND STATE CODES. ALL ROAD AND DRAINAGE WORK TO CONFORM TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION IN THE TOWN OF BARRINGTON.
- 28.) PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, UN-DISTURBED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE MITIGATED BY EXCAVATION METHODS, MOUNDING, PRECIPITATION, OR WATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER AWAY FROM CONSTRUCTION AREAS, INCLUDING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEMARCATION PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FINE GRAINING STRUCTURAL FILL MEETING THE ENGINEER'S SPECIFIC RECOMMENDED CRITERIA.
- 29.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES AND SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL LAYER AT THE COMMENCEMENT OF EACH QUARTER'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF WINDROW ADJACENT FIELDS.
- 30.) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVE WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND GROUPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.
- 31.) BENS ARE TO BE CONSTRUCTED WITH HIGH QUALITY CLAY OR LOAMY MATERIAL AND COMPACTED APPROPRIATELY. NO FROZEN MATERIALS ARE TO BE USED IN THE CONSTRUCTION OF ANY BENCH ON SITE. TO BE REVIEWED AND APPROVED BY THE TOWN OF BARRINGTON OR THEIR AGENTS.
- 32.) NOTE THAT THE PROJECT IS SUBJECT TO THE EPA NPDES PHASE II. THE NOTICE OF INTENT (NOI) MUST BE FILED AFTER COMPLETION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP). REGULAR INSPECTIONS WILL BE CONDUCTED BY THE DESIGN ENGINEER AND AFTER A SHORT EVENT GREATER THAN 0.25".
- 33.) ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- 34.) ALL DRAINAGE PIPE IS TO BE HOPE N-12 ASTM F2840 (GREEN PIPE). INDIVIDUAL PIPE SIZES ARE DESCRIBED.
- 35.) UPON FINAL COMPLETION AND END STABILIZATION THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS TO INCLUDE THE PUMPING OF THE BASK SWMP.
- 36.) ALL GASES AND DRAINS ARE TO HAVE BOOTS INSTALLED ON ALL INLETS AND OUTLETS.
- 37.) ALL PROPOSED CLEAN OUTS ARE TO BE VERTICAL 1/2" N-12 PIPE WITH CAST IRON COVERS SCHEDULED WITH STAINLESS STEEL. THE COVER IS TO BE DEMARCATED WITH A "D".
- 38.) ALL TREATMENT SHALL BE CONSTRUCTED WITH 500 BOTTOMS UNLESS OTHERWISE INDICATED BY THE DESIGN ENGINEER DURING CONSTRUCTION.
- 39.) A LETTER OF CREDIT FOR THE COST OF RE-RESTORING ALL DISTURBED AREAS ON THE SITE SHALL BE SUBMITTED PRIOR TO ANY EARTH DISTURBING ACTIVITY OCCURS, AS MAY BE APPLICABLE.
- 40.) A PRE-CONSTRUCTION CONFERENCE WITH THE DEVELOPER, THE DESIGN ENGINEER, THE EARTHWORK CONTRACTOR AND BARRINGTON TOWN STAFF SHALL OCCUR PRIOR TO ANY EARTH DISTURBING ACTIVITY.
- 41.) BUILDING ADDRESSES SHALL BE DETERMINED BY THE BUILDING OFFICIAL.

STANDARD CONSTRUCTION NOTES CONT.:

- 42.) THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROJECT:
NHDES SUBDIVISION PERMIT: E2400000000
NHDES WETLANDS IMPACT STATEMENT (WETMIS)
NHDES ALTERATION OF TERRAIN PERMIT (PENDING)
2.54 (PENDING)
EPA NOTICE OF INTENT (NOI) (PENDING)
SELECTION TO UPDATE THE STATUS OF MEETINGHOUSE ROAD TO CLASS V (PENDING)
- 43.) THIS SUBDIVISION PLAN PROPOSES APPROXIMATELY 114,100 SQ. FT. OF DISTURBANCE. THIS VALUE INCLUDES THE CONSTRUCTION OF MEETINGHOUSE ROAD, DECEDERATION LANE, RAIN GARDEN, POND, #102, & #103, AND THE SHARED DRIVEWAY FOR LOTS 31-14 - 31-18. PER ENV-NH 1603:12 (B) AN ALTERATION OF TERRAIN PERMIT IS REQUIRED. THIS PROJECT WILL BE CONSTRUCTED IN TWO PHASES:
PHASE 1: CONSTRUCTION OF MEETINGHOUSE ROAD, DECEDERATION LANE, RAIN GARDEN, POND, #102, & #103.
PHASE 2: CONSTRUCTION OF SHARED DRIVEWAY FOR LOTS 31-14 - 31-18.
SEE CONSTRUCTION PHASING PLAN (SHEET 14) FOR FURTHER BREAKDOWN OF PHASING AND DISTURBANCES INVOLVING EQUIPMENT ORGANIZATION AND MATERIAL BORROW AREA ON TAX MAP 234, LOT 25-2. THIS PARCEL IS INVOLVED IN PROJECT 2, AND THE AREA SPECIFIED IN THE CONSTRUCTION PHASING PLAN IS PROPOSED TO BE DISTURBED AS PART OF CONSTRUCTION.
- 44.) WRITTEN PERMISSION ON THIS PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE COMMON SENSE WHEN SCALING REPRODUCED PLANS. IN THE EVENT OF A CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWINGS AND/OR SPECIFICATIONS, THE ENGINEER SHALL BE CONTACTED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR IS TO CONFIRM ALL ELEVATIONS. CONFLICTS WILL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
- 45.) A MINIMUM OF 4" OF TOPSOIL SHALL BE PLACED ON ALL DISTURBED AREAS.
- 46.) A 9.9 SPECIAL PERMIT WAS GRANTED AS PART OF THIS SUBDIVISION FOR THE CONSTRUCTION OF ROAD IMPROVEMENTS. THE PERMIT WAS FOR THREE IMPROVEMENTS AS SHOWN ON THESE PLANS.
- 47.) ALL DRAINAGE EASEMENTS SHALL BE RECORDED AT THE S.C.R.D. PRIOR TO CONSTRUCTION.

NOTES:
MAXIMUM ROAD GRADE (12.2.1 TABLE 1): GRANTED
SHOULDER WIDTH (12.2.1 TABLE 1): GRANTED
MAXIMUM GRADE WITHIN 100' OF INTERSECTION (12.7 TABLE 2): GRANTED
ANGLE OF ROAD INTERSECTION (12.7 TABLE 2): GRANTED
MINIMUM GRADE OF 1% FLARES (12.8.1.1): GRANTED
CURBING AND CATCH BASIN REQUIREMENTS (12.8.2): GRANTED

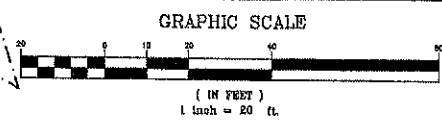
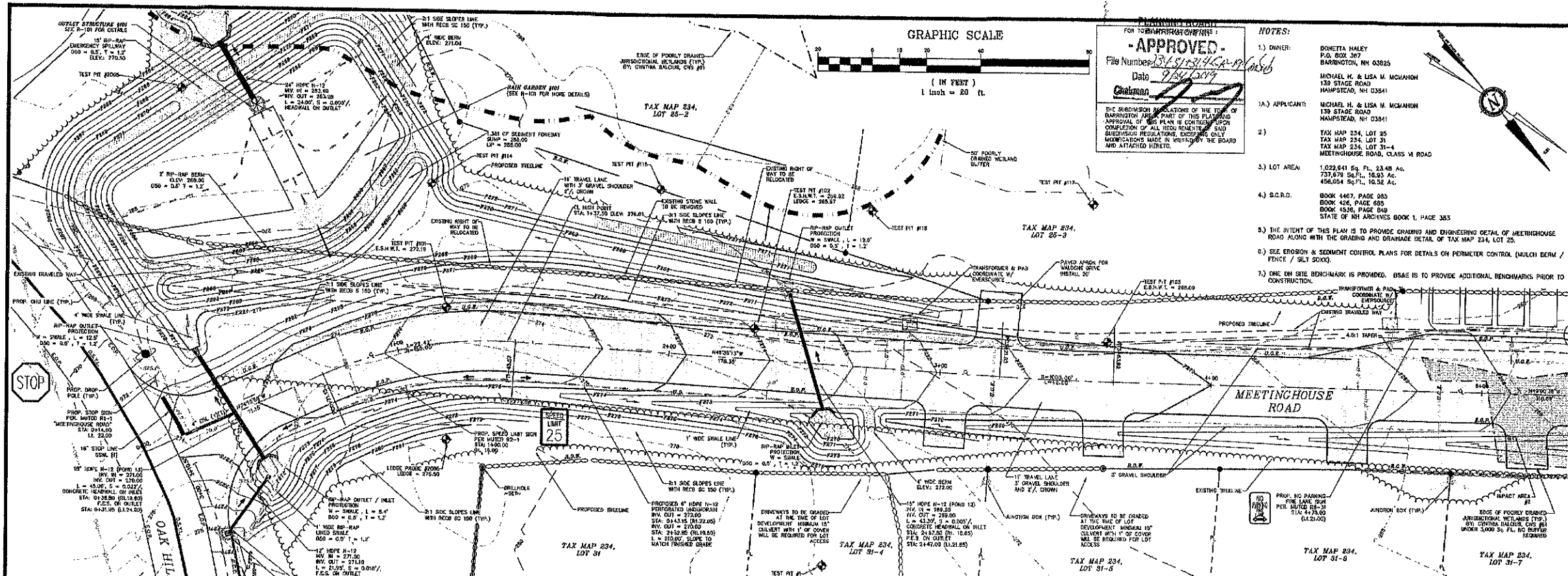


REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2	7-16-19	REVISIONS PER AOT REVIEW
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OVERVIEW GRADING & DRAINAGE PLAN
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 25, 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603) 332-2863
SCALE: 1 IN. EQUALS 60 FT.
DATE: MARCH 12, 2019
FILE NO.: DB-2017-052

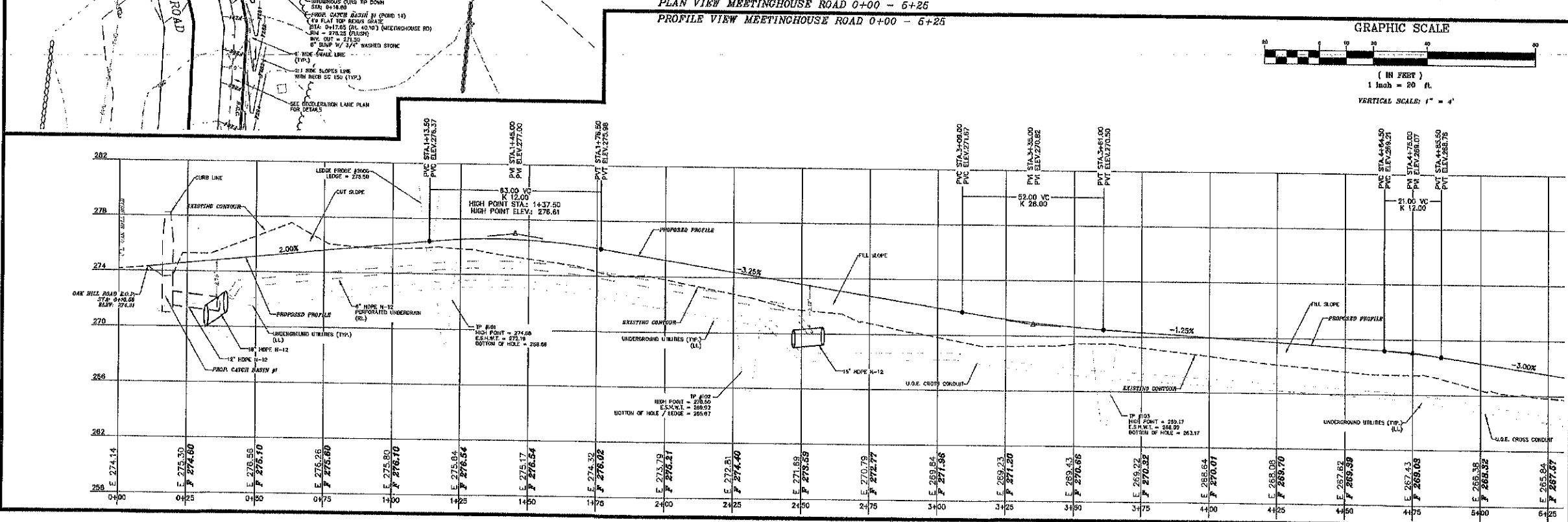
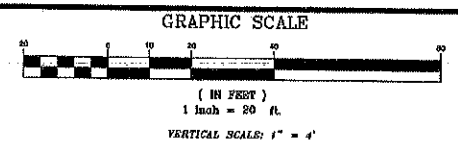




PLANNING & SURVEYING
FOR THE BARRINGTON TOWNSHIP
-APPROVED-
File Number: 2017-0001-010
Date: 9/28/2017
Chairman: [Signature]

- NOTES:
- 1.) OWNER: DONETTA HALEY, P.O. BOX 307, BARRINGTON, NH 03825
 - 2.) APPLICANTS: MICHAEL H. & LISA M. MCGRAW, 139 STAGE ROAD, HAMPSHIRE, NH 03841
 - 3.) LOT AREA: 1,022,841 Sq. Ft., 23.48 Ac.
 - 4.) S.C.R.D.: BOOK 4467, PAGE 383; BOOK 426, PAGE 689; BOOK 4936, PAGE 849; STATE OF NH ARCHIVES BOOK 1, PAGE 383
 - 5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF MEETINGHOUSE ROAD ALONG WITH THE GRADING AND DRAINAGE DETAIL OF TAX MAP 234, LOT 25.
 - 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMETER CONTROL (MULCH BERM / TRUCK / SILT SOCKS).
 - 7.) ONE (1) ON SITE BENCHMARK IS PROVIDED. BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

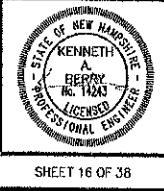
PLAN VIEW MEETINGHOUSE ROAD 0+00 - 6+25
PROFILE VIEW MEETINGHOUSE ROAD 0+00 - 6+25

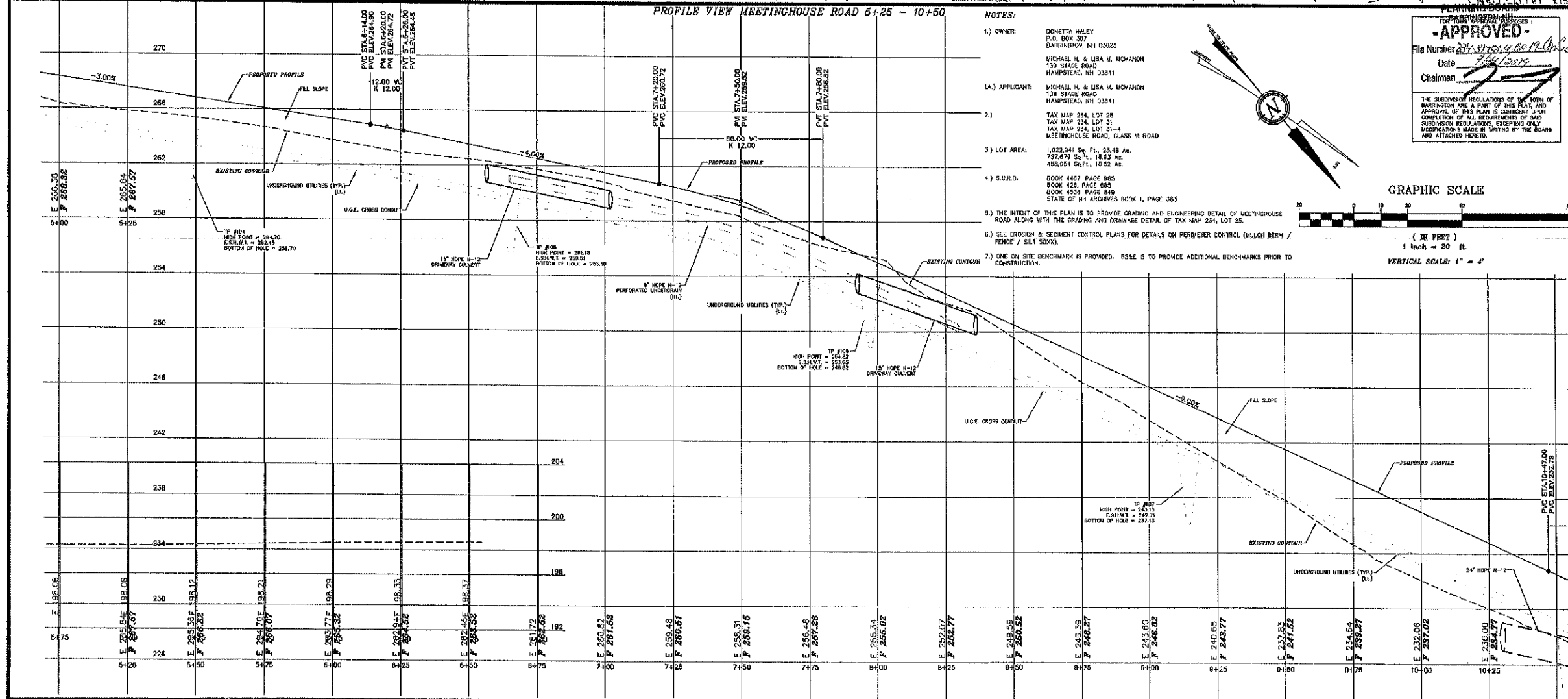
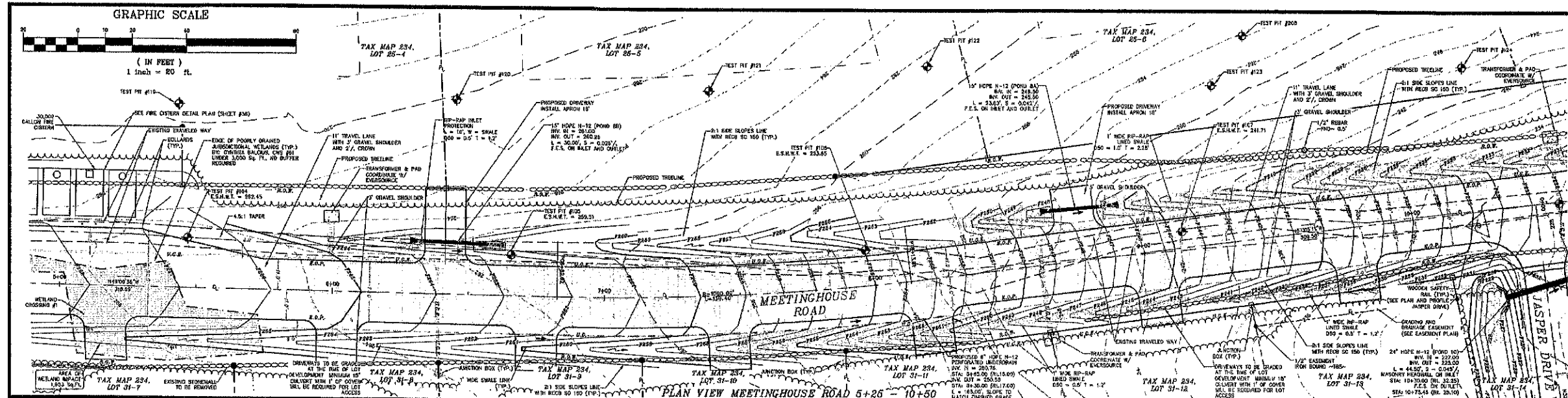


REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DERBK COMMENT

PLAN AND PROFILE MEETINGHOUSE ROAD 0+00-6+25
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 25 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603) 332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052





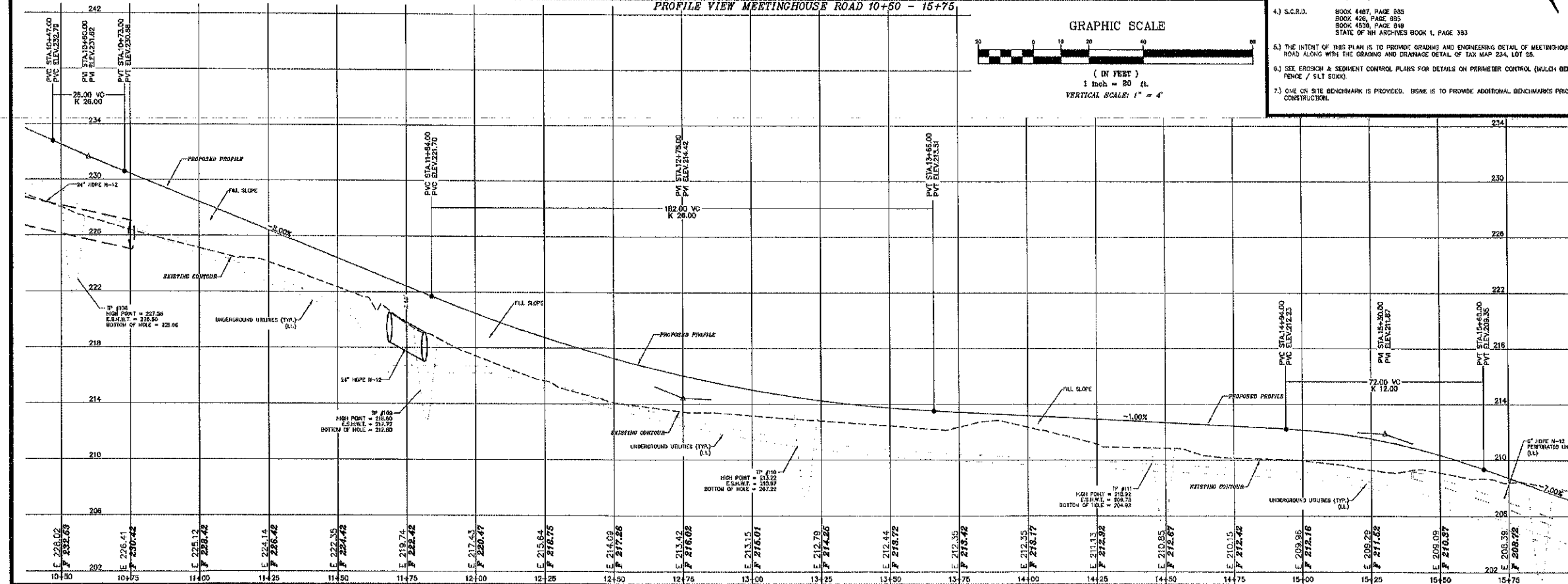
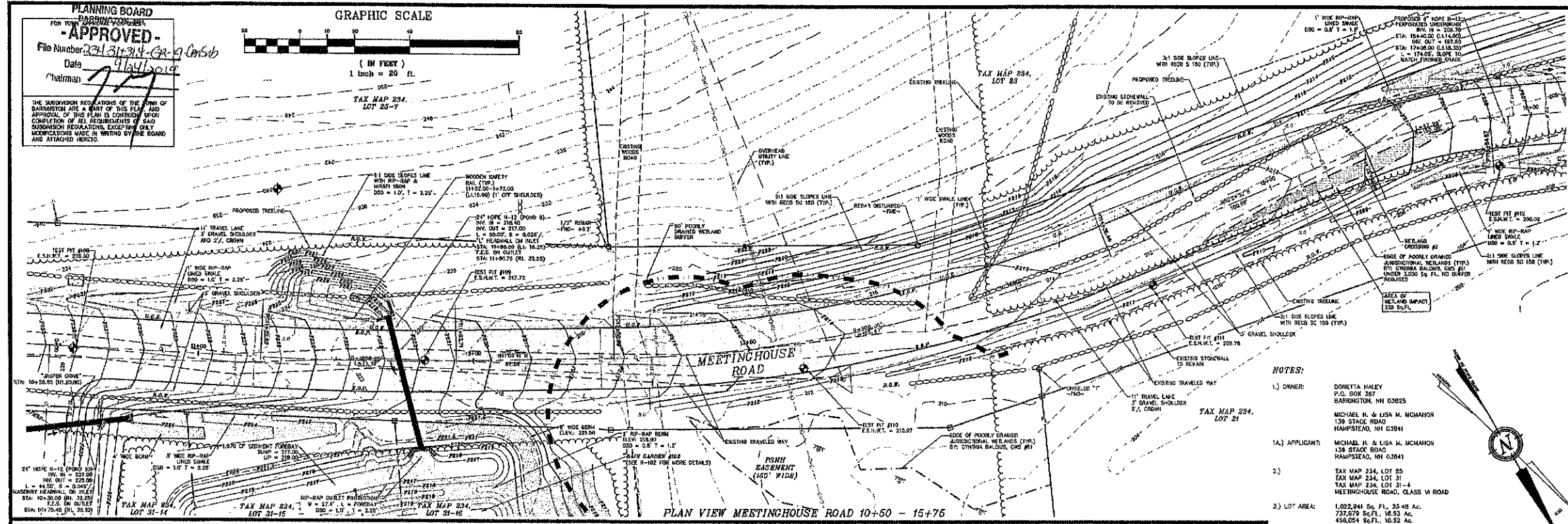
- NOTES:**
- 1) OWNER: DONETTA HALEY
P.O. BOX 387
BARRINGTON, NH 03825
 - 1A) APPLICANT: MICHAEL H. & LISA M. MCMANIS
139 STAGE ROAD
HAMPSHIRE, NH 03841
 - 2) TAX MAP 234, LOT 28
TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-A
MEETINGHOUSE ROAD, CLASS M ROAD
 - 3) LOT AREA: 1,022,941 Sq. Ft., 23.48 Ac.
737,679 Sq. Ft., 16.93 Ac.
458,054 Sq. Ft., 10.52 Ac.
 - 4) S.C.R.D. BOOK 4467, PAGE 865
BOOK 426, PAGE 865
BOOK 453A, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 363
 - 5) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF MEETINGHOUSE ROAD ALONG WITH THE GRADING AND DRAINAGE DETAIL OF TAX MAP 234, LOT 25.
 - 6) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOCKS).
 - 7) ONE ON SITE BENCHMARK IS PROVIDED. ISSA IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

PLANNING BOARD
FOR BARRINGTON, NH
-APPROVED-
File Number *2019-0014*
Date *March 12, 2019*
Chairman *[Signature]*

REVISION #	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

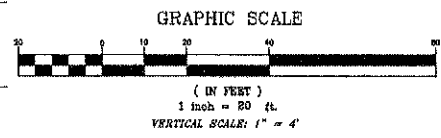
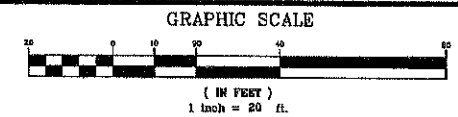
PLAN AND PROFILE MEETINGHOUSE ROAD 5+25-10+50
LAND OF DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 27 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052



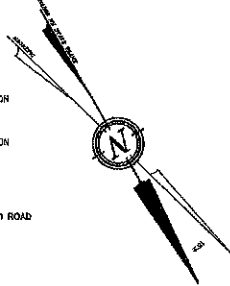
PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 231-31-314-CR-9-10-Sub
Date 4/14/2019
Chairman [Signature]

THE SUBMISSION 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 SUBMISSION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE BY WRITING BY THE BOARD AND ATTACHED NOTICES.



NOTES:

- DOWNER: DONETTA HALEY, P.O. BOX 397, BARRINGTON, NH 03825; MICHAEL H. & LISA M. MCMANON, 139 STAGE ROAD, HAMPSHIRE, NH 03841
- APPLICANT: MICHAEL H. & LISA M. MCMANON, 139 STAGE ROAD, HAMPSHIRE, NH 03841
- TAX MAP 234, LOT 25; TAX MAP 234, LOT 31; TAX MAP 234, LOT 31-4; MEETINGHOUSE ROAD, CLASS VI ROAD
- LOT AREA: 1,022,841 Sq. Ft., 23.48 Ac.; 737,678 Sq. Ft., 16.93 Ac.; 466,054 Sq. Ft., 10.62 Ac.
- S.C.R.D.: BOOK 4487, PAGE 883; BOOK 426, PAGE 885; BOOK 4838, PAGE 849; STATE OF NH ARCHIVES BOOK 1, PAGE 383
- THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF MEETINGHOUSE ROAD ALONG WITH THE GRADING AND DRAINAGE DETAIL OF TAX MAP 234, LOT 25.
- SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOCK).
- ONE ON SITE BENCHMARK IS PROVIDED. DESIRE IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

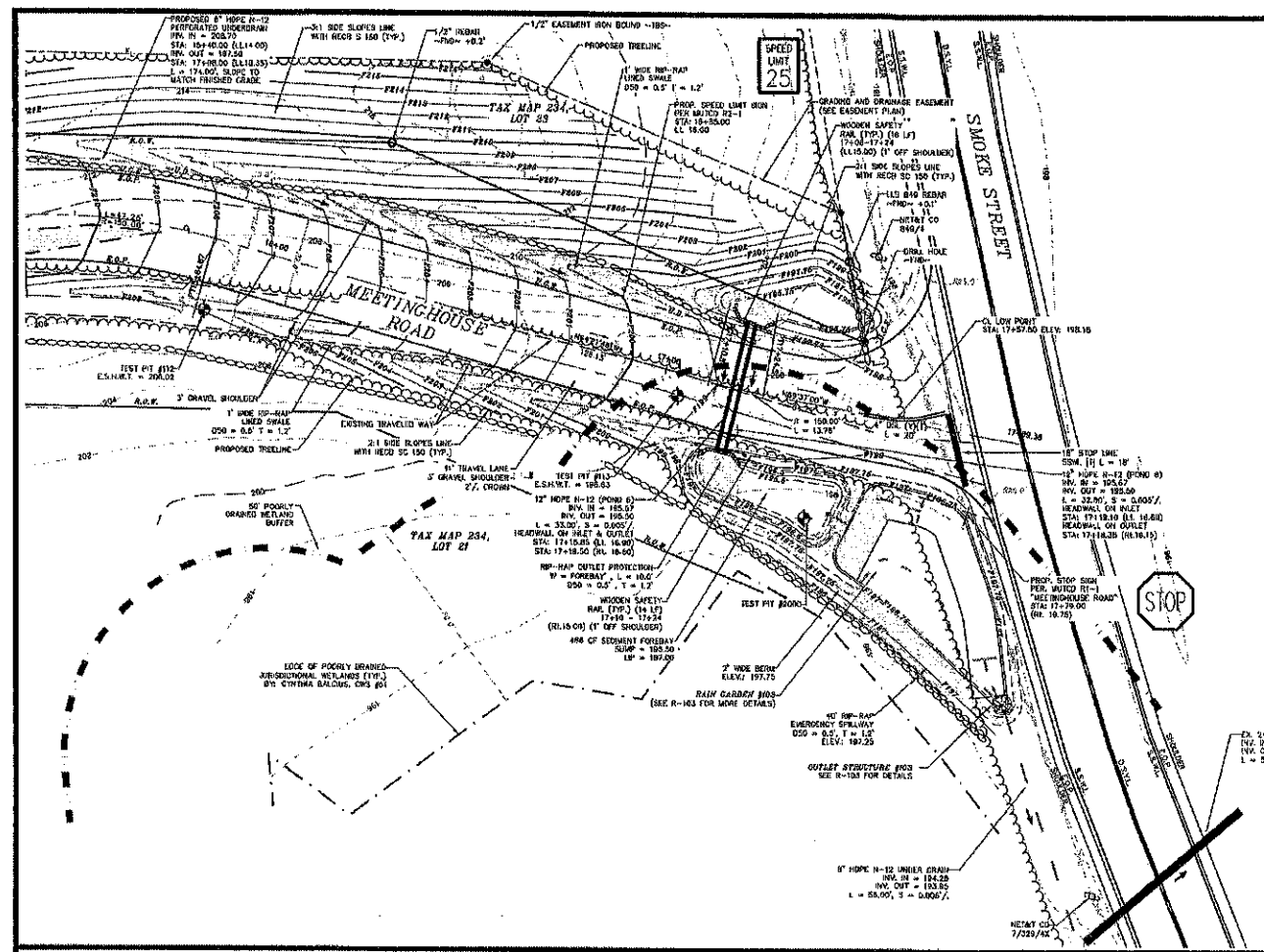


REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

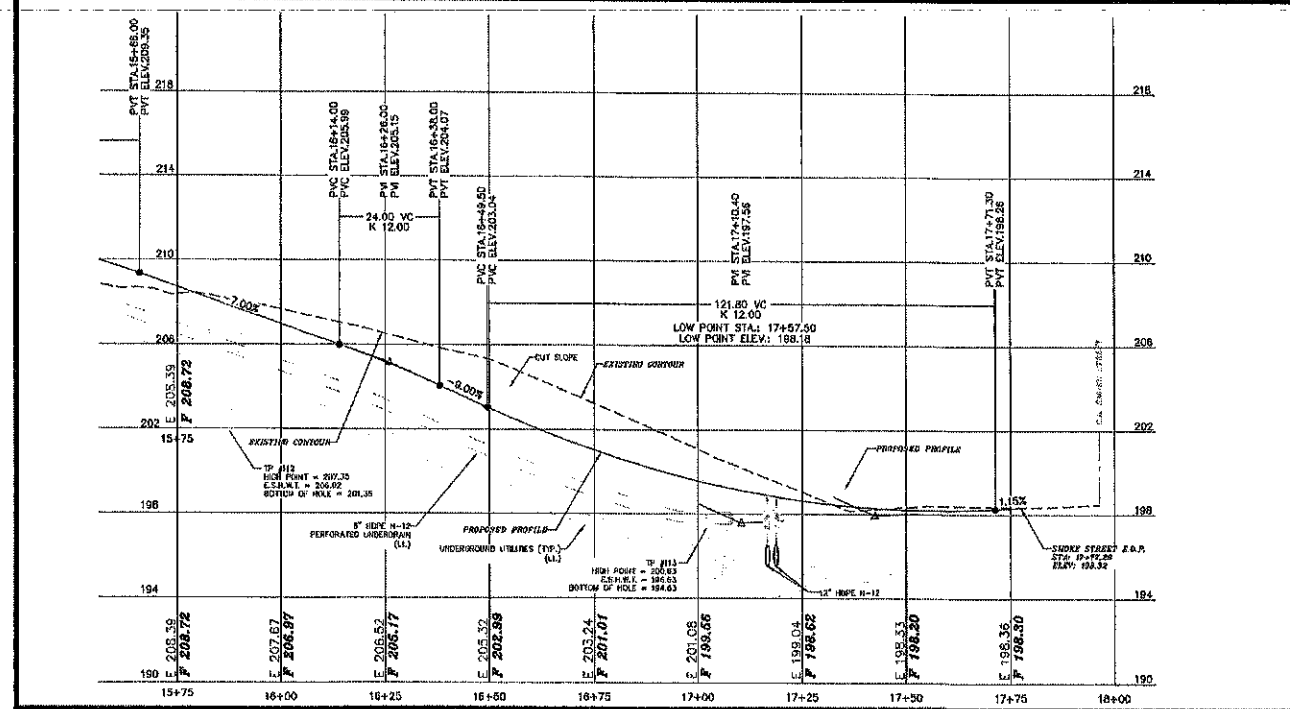
PLAN AND PROFILE MEETINGHOUSE ROAD 10+50 - 15+75
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 25 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)532-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

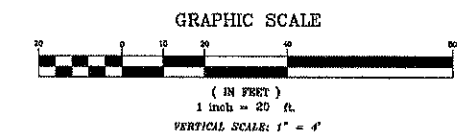
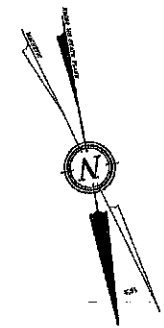
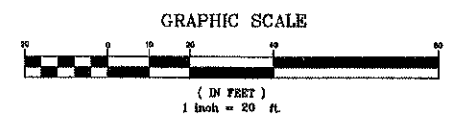




PLAN VIEW MEETINGHOUSE ROAD 10+50 - 15+75
 PROFILE VIEW MEETINGHOUSE ROAD 10+50 - 15+75



- NOTES:
- OWNER: DONETTA HALEY
 P.O. BOX 387
 BARRINGTON, NH 03825
 - APPLICANT: MICHAEL H. & LISA M. MCMAHON
 133 STAGE ROAD
 HAMPSHIRE, NH 03841
 - TAX MAP 234, LOT 25
 TAX MAP 234, LOT 31
 TAX MAP 234, LOT 31-4
 MEETINGHOUSE ROAD, CLASS V ROAD
 - LOT AREA: 1,022,941 Sq. Ft., 23.48 Ac.
 237,678 Sq. Ft., 5.43 Ac.
 458,054 Sq. Ft., 10.52 Ac.
 - S.C.R.D.: BOOK 4467, PAGE 985
 BOOK 408, PAGE 885
 BOOK 4836, PAGE 846
 STATE OF NH ARCHIVES BOOK 1, PAGE 383
 - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND DRAINAGE DETAIL OF MEETINGHOUSE ROAD ALONG WITH THE GRADING AND DRAINAGE DETAIL OF TAX MAP 234, LOT 25.
 - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMEABLE CONTROL (MULCH BERM / FENCE / SILT BARR.)
 - ONE ON SITE BENCHMARK IS PROVIDED. 85&F IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.



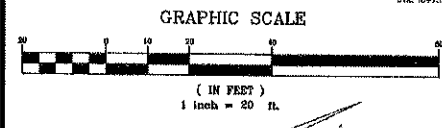
PLANNING BOARD
 BARRINGTON, NH
-APPROVED-
 File Number: 234-31-25-4-COR-1-19
 Date: 9/11/2019
 THE SUBMISSION, REGULATIONS OF THE BOARD OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONSIDERED UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBMISSION REGULATIONS EXCEPTING ONLY MODIFICATIONS MADE BY WRITING BY THE BOARD AND ATTACHED HEREIN.

REVISION #	DATE	DESCRIPTION
9-23-19		REVISED PER NOTICE OF DECISION
7-16-19		REVISIONS PER AOT REVIEW
5-14-19		REVISIONS PER DB&K COMMENT

PLAN AND PROFILE MEETINGHOUSE ROAD 15+75-END
 LAND OF DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 25 & 31-4

BERRY SURVEYING & ENGINEERING
 335 SECOND GROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052

- NOTES:**
- OWNER: DONETTA HALEY
P.O. BOX 307
BARRINGTON, NH 03825
 - APPLICANT: MICHAEL H. & LISA M. McMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
 - TAX MAP 234, LOT 25
TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
 - LOT AREA: 1,022,941 Sq. Ft., 23.48 Ac.
737,079 Sq. Ft., 16.89 Ac.
436,054 Sq. Ft., 10.02 Ac.
MEETINGHOUSE ROAD, CLASS W ROAD
 - S.C.R.D.: BOOK 4487, PAGE 985
BOOK 4536, PAGE 840
STATE OF NH ARCHIVES BOOK 1, PAGE 303
 - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF THE SHARED DRIVEWAY, WASPER DRIVE.
 - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (DITCH BERM / FENCE / SILT SOCKS).
 - ONE ON SITE BENCHMARK IS PROVIDED. DSAE IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.



PLANNING BOARD
BARRINGTON, NH

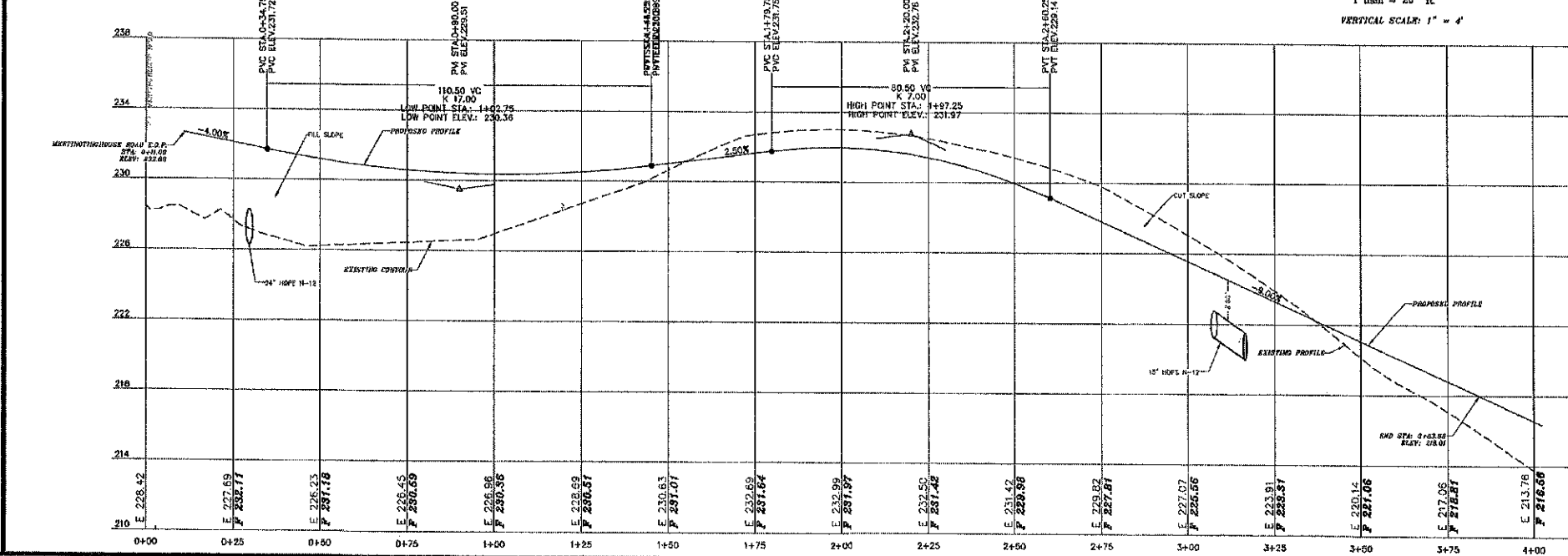
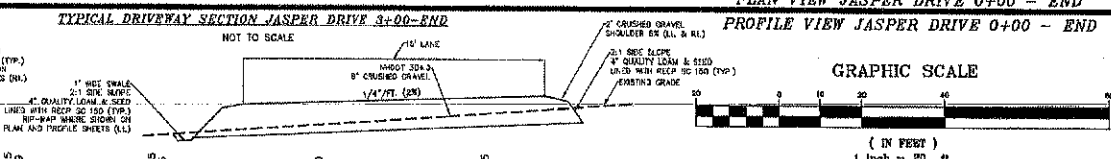
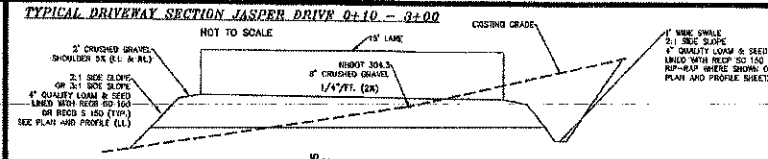
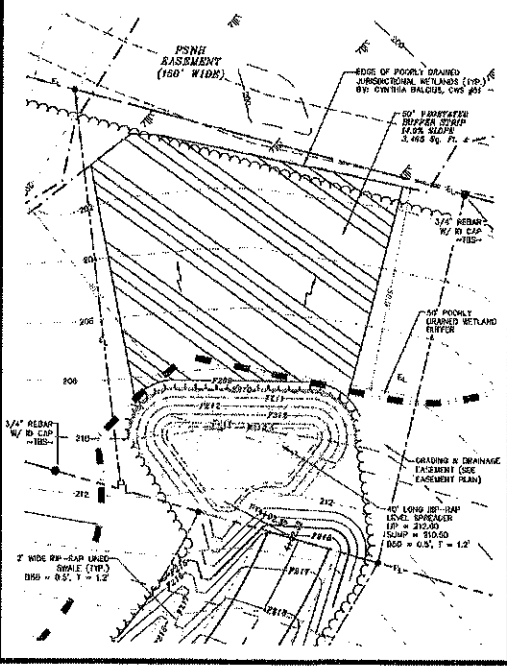
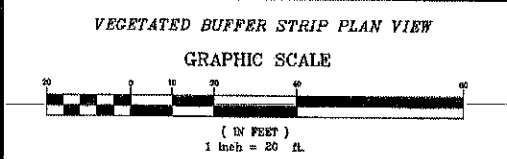
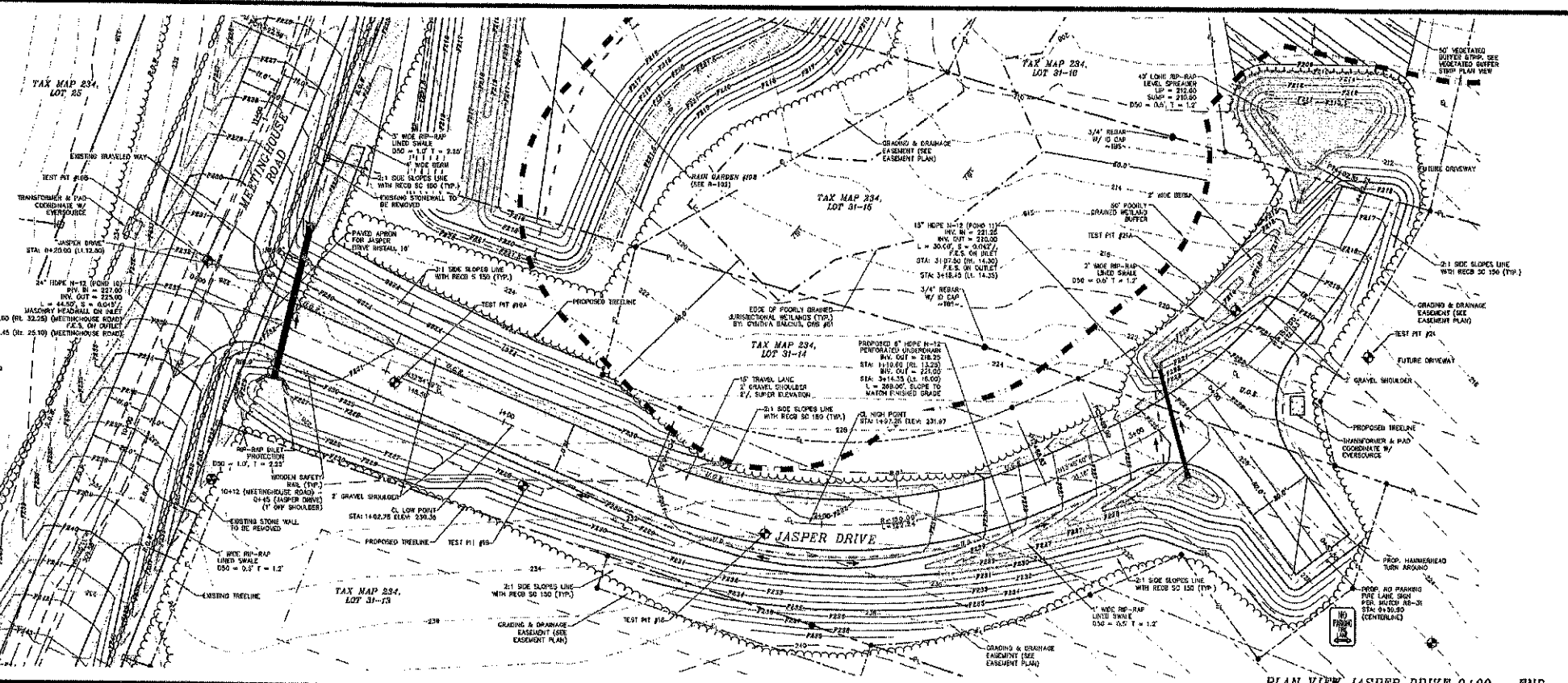
-APPROVED-

File Number: 236(2)19.4 GA-R (As Sub)

Date: 9/24/2019

Chairman: [Signature]

THE SUBMISSION, DECISIONS 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 SUBMISSION INCLUDING, BUT NOT LIMITED TO, MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

PLAN AND PROFILE JASPER DRIVE 0+00 - END

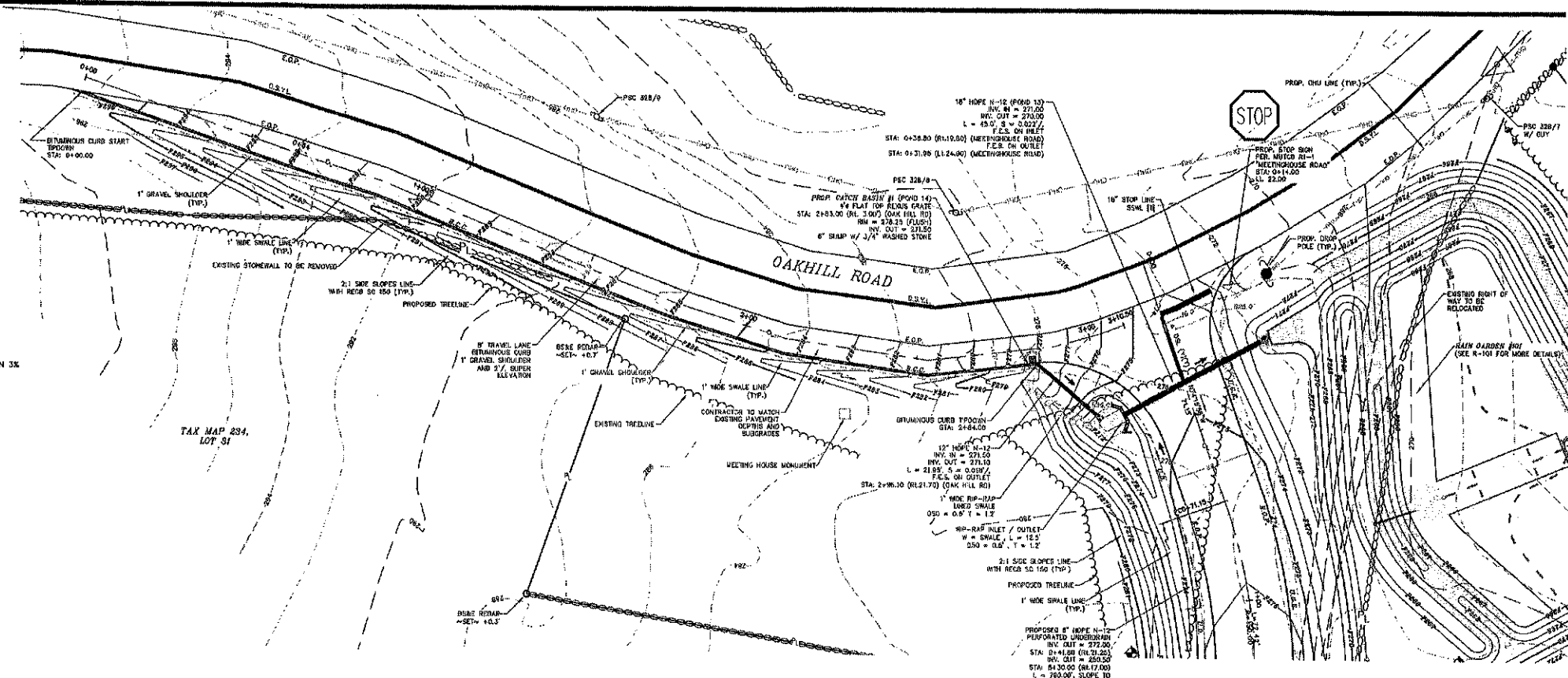
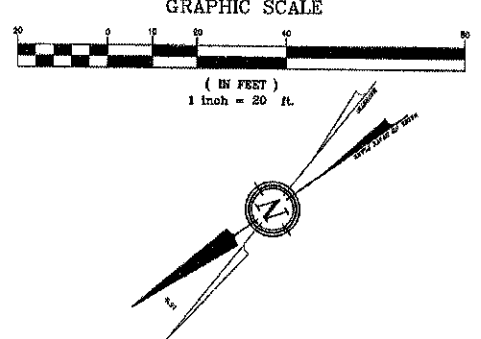
LAND OF DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603) 332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

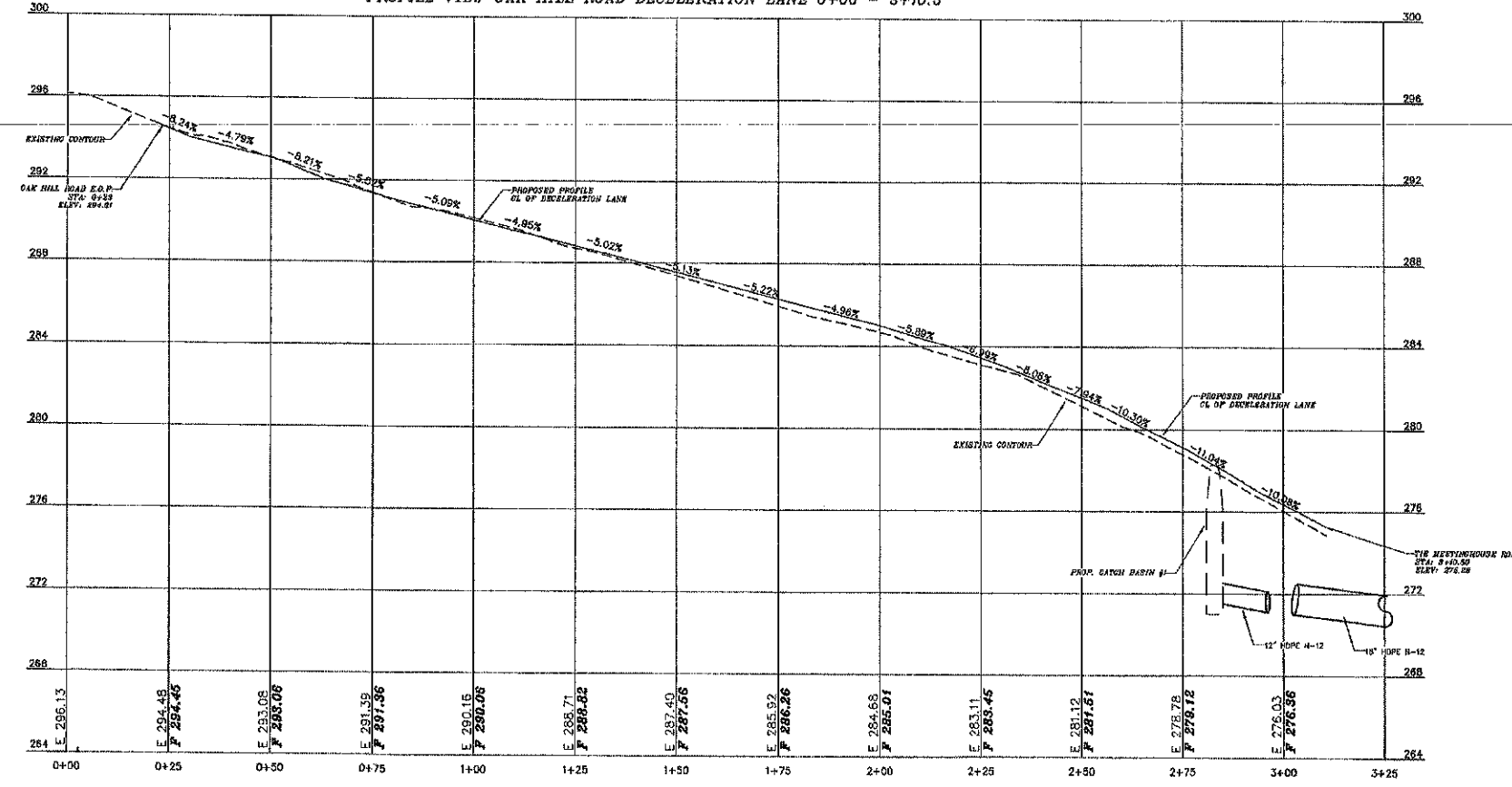
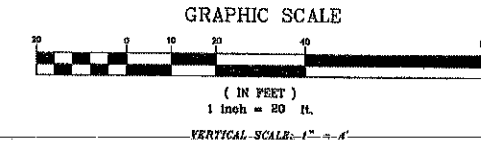


NOTES:

- 1.) OWNER: DONETTA HALEY
P.O. BOX 367
BARRINGTON, NH 03825
MICHAEL H. & LISA M. MCMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
- 1A.) APPLICANT: MICHAEL H. & LISA M. MCMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
- 2.) TAX MAP 234, LOT 25
TAX MAP 234, LOT 51
TAX MAP 234, LOT 31-4
MEETINGHOUSE ROAD, CLASS VI ROAD
- 3.) LOT AREA: 1,022,941 Sq. Ft., 23.48 Ac.
737,679 Sq. Ft., 16.93 Ac.
458,054 Sq. Ft., 10.52 Ac.
- 4.) S.C.R.D. BOOK 4457, PAGE 985
BOOK 428, PAGE 685
BOOK 4336, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 383
- 5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL THE PROPOSED DECELERATION LANE FOR OAK HILL ROAD.
- 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MOUND BERM / FENCE / SILT SOCK).
- 7.) ONE ON SITE BENCHMARK IS PROVIDED. BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
- 8.) DECELERATION LANE CALCULATIONS:
- DECELERATION LANE LENGTH REQUIRED (35 MPH DESIGN SPEED): 222.5' AT GRADES OF LESS THAN 3%
- CORRECTION FOR DECELERATION LANE LENGTH FOR GREATER THAN 5-8% DOWNGRADE: 1.35
- TOTAL DECELERATION LANE LENGTH REQUIRED: 300.4'
- TOTAL DECELERATION LANE LENGTH PROVIDED: 310.5'
*ASHRO GEOMETRIC DESIGN OF HIGHWAYS AND STREETS (2011)



PLAN VIEW OAK HILL ROAD DECELERATION LANE 0+00 - 3+10.5
PROFILE VIEW OAK HILL ROAD DECELERATION LANE 0+00 - 3+10.5



PLANNING BOARD
BARRINGTON, NH
FOR THE TOWN OF BARRINGTON, NH
APPROVED
File Number: 2013-001-001
Date: 10/15/13
Chairman: [Signature]

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

BIORETENTION FILTER MEDIA MIXTURES			
Component Material	Percent of Mixture by Volume	Sieve No.	Percent by Weight Passing Standard Sieve
Bioretention Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark of wood fiber mulch, with fines as indicated	20 to 30	200	< 5

3/4" WASHED CRUSHED STONE*		3/4" WASHED CRUSHED STONE*	
SIeve SIZE	% PASSING BY WEIGHT	SIieve SIZE	% PASSING BY WEIGHT
1/2"	100	1/2"	100
3/8"	95 - 100	3/4"	90 - 100
# 4	22 - 35	1/2"	15 - 25
# 8	0 - 10	# 10	0 - 5

RAIN GARDEN MIX

THE GRASS SEED IS PLANTED WITHIN A RAIN GARDEN BIO-FILTRATION SYSTEM WITHIN THE BIO-MEDIA MUST CONSIST OF A COMBINATION OF WARM SEASON GRASS SEED AND COLD SEASON GRASS SEED IN ORDER FOR THE GRASS TO START GROWING FOR ESTABLISHMENT AND CONTINUE GROWING IN THE EARLY WINTER-SPRING PERIODS. PLANTING SPECIFICATIONS WILL MEET THE REQUIREMENTS AS OUTLINED IN "VEGETATION NEW HAMPSHIRE SAND AND GRAVEL FITS" MIX 1 (WARM SEASON GRASSES) (15 LBS/AC) AND INCLUDE ANNUAL AND PERENNIAL HYDRIC GRASS SEED (15 LBS/AC). THE NEW ENGLAND NATIVE WARM SEASON GRASS MIX (23 LBS/AC) BY REVEREND HENRIED PLANTS, INC., RAIN GARDEN MIX 100 (15 LBS/AC & 15 LBS/AC OF HYD) RAIN GARDEN GRASS MIX 100-1 (20 LBS/AC & 10 LBS/AC OF HYD) BY EMMET CONSERVATION SEEDS, OR APPROVED EQUAL.

NOTES

1. WHEN CONTRACTOR EXCAVATES RAIN GARDEN AREA TO SUBGRADE, DESIGN ENGINEER SHALL PERFORM SUBSURFACE EVALUATION PRIOR TO THE PLACEMENT OF ANY SELECT MATERIAL OR OTHER BACKFILL.
2. SOIL BIORETENTION FILTER MEDIA SHALL BE AS SHOWN ABOVE. "NO BERM" MEANS BIORETENTION FILTER MEDIA. COMPACTION IS NOT TO OCCUR IN THE RAIN GARDEN AREAS PRIOR TO CONSTRUCTION. SCARIFICATION REQUIRED IN THE EXISTING COMPACTED AREAS TAKES PLACE.
3. DO NOT PLACE THE BIORETENTION SYSTEM INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTIGUOUS AREAS HAVE BEEN FULLY STABILIZED.
4. DO NOT INCURRE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF WATER FROM EXCAVATIONS) TO THE BIORETENTION AREA DURING ANY STAGE OF CONSTRUCTION.
5. DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT, IF FEASIBLE PERFORM EXCAVATIONS WITH EQUIPMENT FOOTWEAR OUTSIDE THE LIMITS OF THE BIORETENTION COMPONENTS OF THE SYSTEM.
6. A PC SHALL BE PRESENT DURING THE CONSTRUCTION OF THE RAIN GARDEN TO ENSURE THAT ALL OF THE CRITERIA ARE MET AND THAT A REPORT IS SUBMITTED TO INDICATE WHEN CONSTRUCTION OF THE RAIN GARDENS ARE COMPLETED.

MAINTENANCE REQUIREMENTS

1. SYSTEMS SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EXCEEDING 2.5 INCHES IN A 24-HOUR PERIOD, WITH MAINTENANCE OR REHABILITATION CONDUCTED AS WARRANTED BY SUCH INSPECTION.
2. PRETREATMENT MEASURES SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND CLEANED OF ACCUMULATED SEDIMENT AS WARRANTED BY INSPECTION, BUT NO LESS THAN ONCE ANNUALLY.
3. AT LEAST ONCE ANNUALLY, SYSTEM SHOULD BE INSPECTED FOR DRINKWATER TASTE. IF BIORETENTION SYSTEM DOES NOT DRINK WITHIN 72 HOURS FOLLOWING A RAINFALL EVENT, THEN A QUALIFIED PROFESSIONAL SHOULD ASSESS THE CONDITION OF THE FACILITY TO DETERMINE MEASURES REQUIRED TO RESTORE FILTRATION FUNCTION OR INFILTRATION FUNCTION (AS APPLICABLE), INCLUDING BUT NOT LIMITED TO REMOVAL OF ACCUMULATED SEDIMENTS OR RECONSTRUCTION OF THE FILTER MEDIA.
4. VEGETATION SHOULD BE INSPECTED AT LEAST ANNUALLY, AND MAINTAINED IN HEALTHY CONDITION, INCLUDING PRUNING, REMOVAL, AND REPLACEMENT OF DEAD OR DISEASED VEGETATION, AND REMOVAL OF INVASIVE SPECIES.

DESIGN REFERENCES

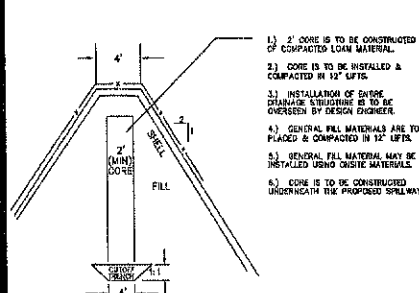
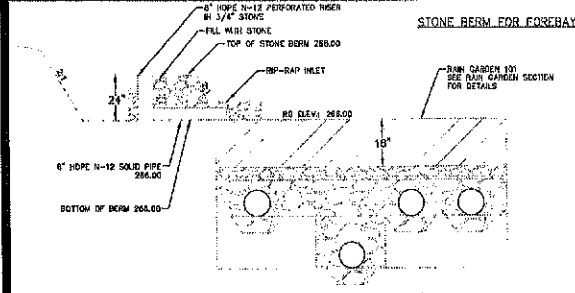
1. UNH STORMWATER CENTER
2. NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2006 AS AMENDED.

ENHANCED BIO-FILTRATION WITH INTERNAL STORAGE RESERVOIR (ISR)

THE INTERNAL STORAGE RESERVOIR (ISR) WILL PROVIDE A RETENTION TIME OF AT LEAST 24 HOURS IN THE SYSTEM TO ALLOW FOR SUFFICIENT TIME FOR DENITRIFICATION AND NITROGEN REDUCTION TO OCCUR PRIOR TO DISCHARGE. THE FILTER MEDIA HAS BEEN ALLOCATED WITH MATERIALS BLENDING AND/OR DESIGN TO BE EFFECTIVE AT OUTFLOWING PROPORTIONATELY. THE TOP MEDIA-MIXTURE OF THE BIO-MEDIA SHALL BE ANAEROBIC WITH CORDED 24 IN. DIAMETER UPRIGHT BIODIFFUSERS, AS BY VOLUME CORDED ANAEROBIC MEDIA 5 LBS MATERIALS BODIFFUSERS OR APPROVED EQUAL; OR BY VOLUME WATER TREATMENT RESOURCES (WTR). THE VOLUME OF THE ISR WILL EXCEED 25% OF THE WATER CHARGE VOLUME (WCV).

DESIGN REFERENCES

1. 2017 NH SMALL NHA GENERAL PERMIT, APPENDIX F ATTACHMENT 3, (PAGE 3)
2. USES: WARM/TEMPERATE/COOL/TEMPERATE/BIODIFFUSERS-TEMPERATE-POLLUTION-REDUCTIONS-CREATIVITY-ESTUARY-WATERSHEDS.



PLANNING BOARD

APPROVED FOR THE TOWN OF DONETTA HALEY

File Number: 2019-019

Date: 03/12/2019

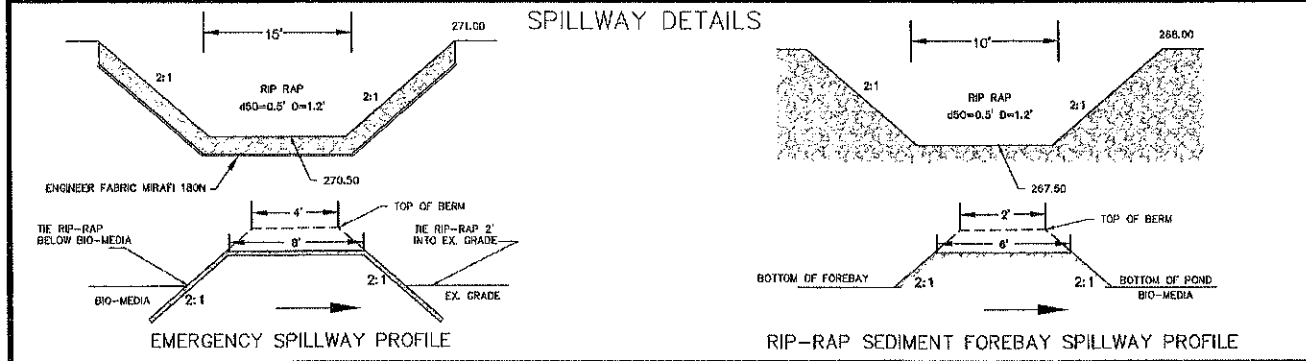
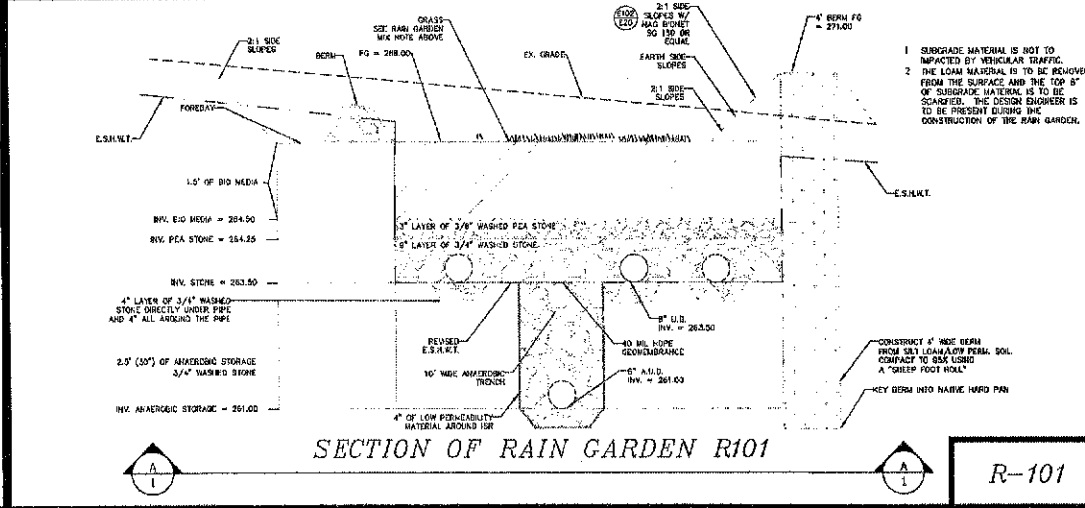
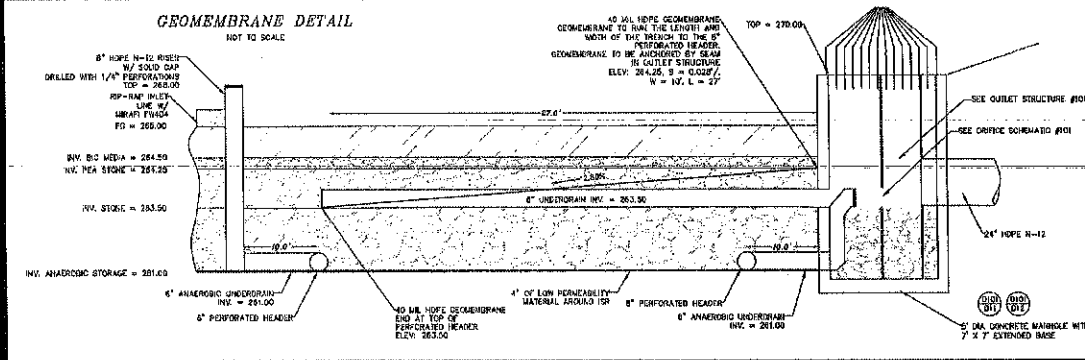
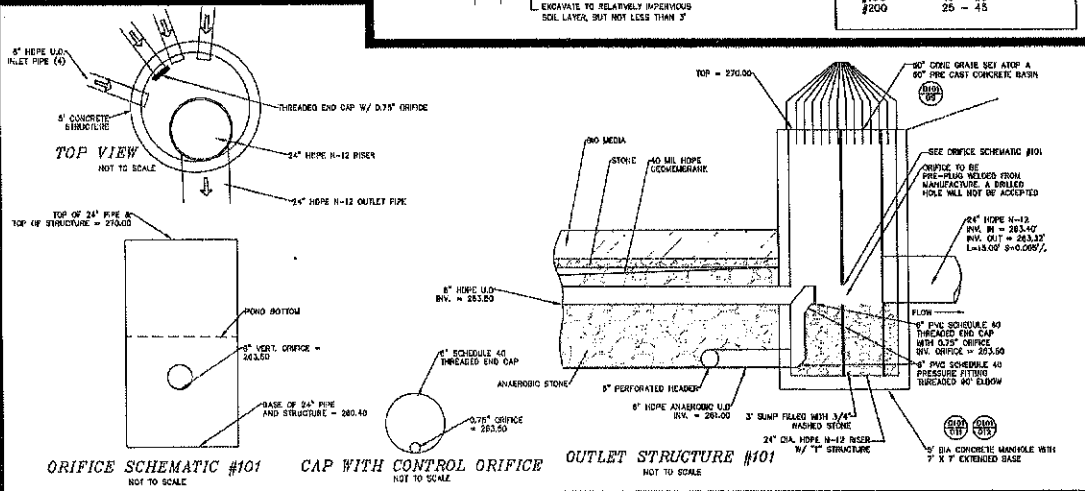
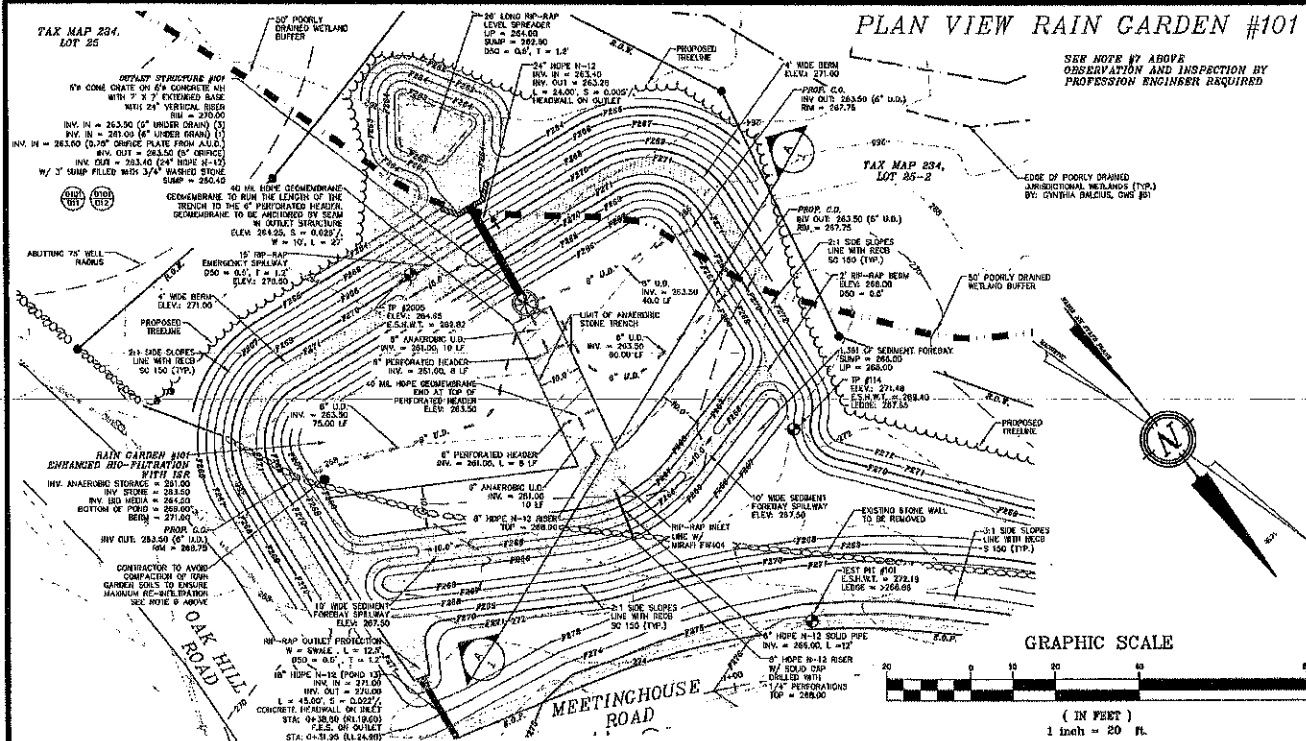
Chairman: [Signature]

THE SUBCOMMITTEE REVIEWERS OF THE TOWN OF DONETTA HALEY AS A PART OF THE PLAN AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBCOMMITTEE REVIEWERS, EXCEPTING ONLY NOTIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED REPORTS.

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

LOW PERMEABILITY MATERIAL GRADATION

SIieve SIZE	% PASSING BY WEIGHT
10	100
#40	60 - 95
#100	40 - 60
#200	25 - 45



REVISED PER NOTICE OF DECISION

REVISIONS PER AOT REVIEW

REVISIONS PER DB&K COMMENT

RAIN GARDEN #101

LAND OF DONETTA HALEY

OAK HILL ROAD & MEETINGHOUSE ROAD

TAX MAP 234, LOTS 25 & 27-4

BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT ROAD

BARRINGTON, NH 03825 (603) 332-2863

SCALE: 1 IN. EQUALS 20 FT.

DATE: MARCH 12, 2019

FILE NO.: DB 2017 - 052

STATE OF NEW HAMPSHIRE

KENNETH A. BERRY

REGISTERED PROFESSIONAL ENGINEER

SHEET 22 OF 38

BIORETENTION FILTER MEDIA MIXTURES			
Component Material	Percent of Mixture by Volume	Gradation of material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Bioretention Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5

3/4" WASHED CRUSHED STONE*		1/4" WASHED CRUSHED STONE*	
SEIVE SIZE	% PASSING BY WEIGHT	SEIVE SIZE	% PASSING BY WEIGHT
1/2"	100	3/4"	90 - 100
3/8"	85 - 100	1/2"	15 - 55
# 4	22 - 56	# 10	0 - 5
# 8	0 - 10		

* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

RAIN GARDEN MIX

THE MIXTURE IS PLANTED WITH A RAIN GARDEN BIO-FILTRATION SYSTEM WITH THE BIO-MEDIA MIXTURE CONSIST OF A COMBINATION OF WARM SEASON GRASS SEED AND COLD SEASON GRASS SEED IN ORDER FOR THE GRASS TO START GROWING FOR STABILIZATION AND CONTINUE GROWING IN THE SHADY WETLAND ENVIRONMENT. PLANTING SPECIFICATION WILL MEET THE REQUIREMENTS AS OUTLINED IN VEGETATION NEW HAMPSHIRE GRASS AND GRAIN MIX #1 (COLD SEASON GRASS) (10 LBS/100) AND INCLUDE ANNUAL AND PERENNIAL WILD GRASS SEED (15 LBS/100), THE NEW ENGLAND NATIVE WARM SEASON GRASS MIX (10 LBS/100) BY NEW ENGLAND WILDLIFE PLANTING, INC. RAIN GARDEN MIX 100 (10 LBS/100) & 10 LBS/100 OF MIX #1 RAIN GARDEN GRASS MIX (10 LBS/100) (10 LBS/100) & 10 LBS/100 OF MIX #2 RAIN GARDEN GRASS MIX (10 LBS/100) (10 LBS/100) BY NEW ENGLAND WILDLIFE PLANTING, INC. APPROVED FORM.

- NOTES:**
- WHEN CONTRACTOR EXCAVATES RAIN GARDEN AREA TO SUBGRADE, DESIGN ENGINEER SHALL PERFORM SUBSURFACE EVALUATION PRIOR TO THE PLACEMENT OF ANY SELECT MATERIAL OR OTHER BACKFILL.
 - SUBSURFACE EVALUATION SHALL BE AS SHOWN ABOVE. "BIO-MEDIA" MEANS BIORETENTION FILTER MEDIA.
 - CONSTRUCTION IS NOT TO OCCUR IN THE RAIN GARDEN AREAS PRIOR TO CONSTRUCTION. SCAFFOLDING REQUIRED IN THE EVENT CONSTRUCTION TAKES PLACE.
 - DO NOT PLACE THE BIORETENTION SYSTEM INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
 - DO NOT DISCHARGE SEDIMENT-LADEN MATERIALS FROM CONSTRUCTION ACTIVITIES (RUNOFF WATER FROM EXCAVATIONS) TO THE BIORETENTION AREA UNLESS THEY ARE FULLY STABILIZED.
 - DO NOT TRAFFIC EXPOSED SOIL SURFACES WITH CONSTRUCTION EQUIPMENT, IF FEASIBLE. PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM.
 - A REPORT SHALL BE PREPARED DURING THE CONSTRUCTION OF THE RAIN GARDENS TO ENSURE THAT ALL OF THE CRITERIA ARE MET AND THAT A REPORT BE SUBMITTED TO NOTES WHEN CONSTRUCTION OF THE RAIN GARDENS ARE COMPLETED.

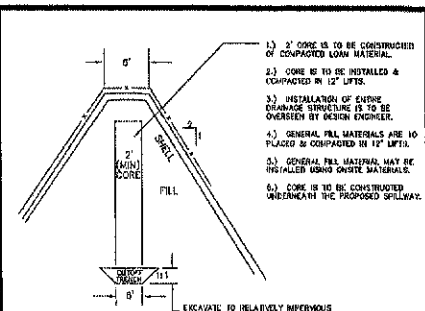
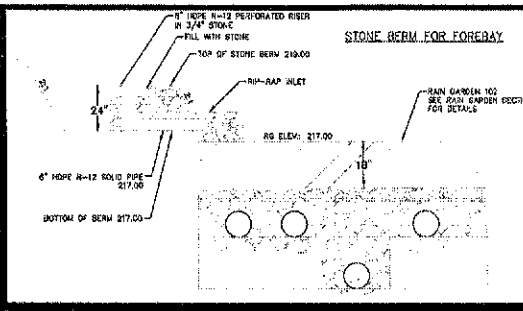
- MAINTENANCE REQUIREMENTS:**
- SYSTEMS SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EXCEEDING 2.5 INCHES IN A 24-HOUR PERIOD, WITH MAINTENANCE OR REMEDIATION CONDUCTED AS A MAINTENANCE BY EACH INSPECTION.
 - PRETREATMENT MEASURES SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND CLEARED OF ACCUMULATED SEDIMENT AS WARRANTED BY INSPECTION, BUT NO LESS THAN ONCE ANNUALLY.
 - AT LEAST ONCE ANNUALLY, SYSTEM SHOULD BE INSPECTED FOR ABANDONING THE BIORETENTION SYSTEM DOES NOT DRAIN WITHIN 24-HOURS FOLLOWING A RAINFALL EVENT. THEN A QUALIFIED PROFESSIONAL SHOULD ASSESS THE CONDITION OF THE FACILITY TO DETERMINE MEASURES REQUIRED TO RESTORE FILTRATION FUNCTION OR INFILTRATION FUNCTION (AS APPLICABLE) INCLUDING BUT NOT LIMITED TO REMOVAL OF ACCUMULATED SEDIMENTS OR RECONSTRUCTION OF THE FILTER MEDIA.
 - VEGETATION SHOULD BE INSPECTED AT LEAST ANNUALLY, AND MAINTAINED IN HEALTHY CONDITION, INCLUDING PRUNING, REMOVAL, AND REPLACEMENT OF DEAD OR DISEASED VEGETATION, AND REMOVAL OF INVASIVE SPECIES.

- DESIGN REFERENCES:**
- UNH STORMWATER CENTER
 - NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2008 AS AMENDED.

ENHANCED BIO-FILTRATION WITH INTERNAL STORAGE RESERVOIR (ISR)

- THE INTERNAL STORAGE RESERVOIR (ISR) WILL PROVIDE A RETENTION TIME OF AT LEAST 24 HOURS IN THE SYSTEM TO ALLOW FOR SUFFICIENT TIME FOR OXYGENATION AND NITROGEN REDUCTION TO OCCUR PRIOR TO DISCHARGE. THE FILTER MEDIA HAS BEEN ALIGNED WITH MATERIALS DESIGNED AND/OR KNOWN TO BE EFFECTIVE AT CAPTURING PHOSPHORUS. THE TOP DRAINAGE LAYER OF THE BIO-MEDIA WILL BE ANTILOCK WITH CORNER 30 BY 30 BY 1/2" POLYURETHANE BEAD SURFACING MEDIA & LOSS MATERIALS SUCH AS MEDIA 100 APPROVED EQUAL OR 30% BY WEIGHT WATER TREATMENT RESIDUALS (WTR). THE VOLUME OF THE ISR WILL EXCEED 25% OF THE WATER QUALITY VOLUME (WQV).

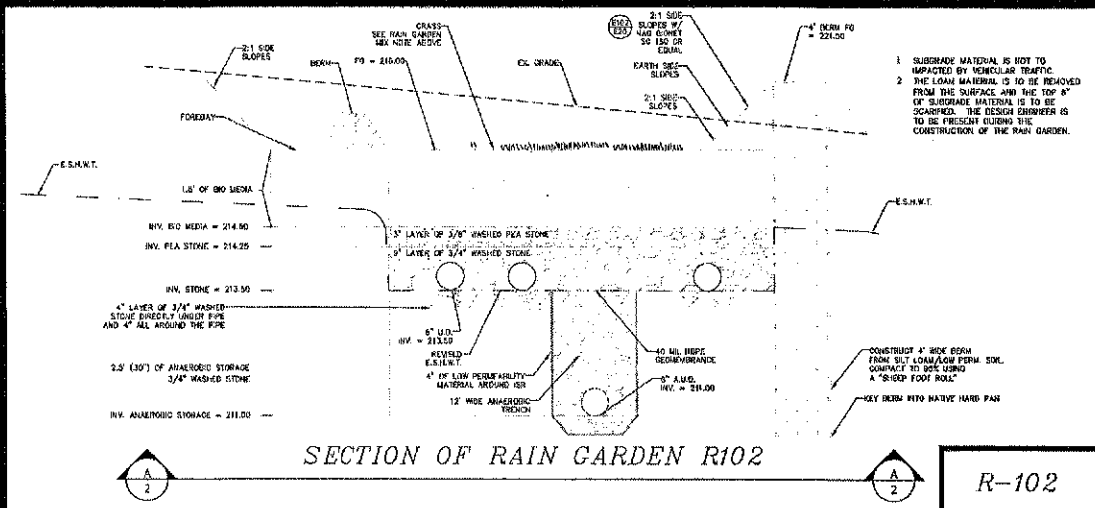
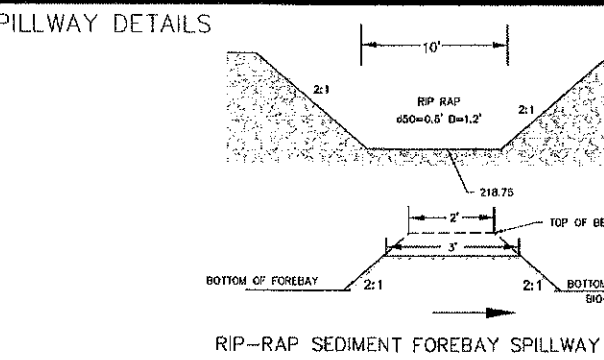
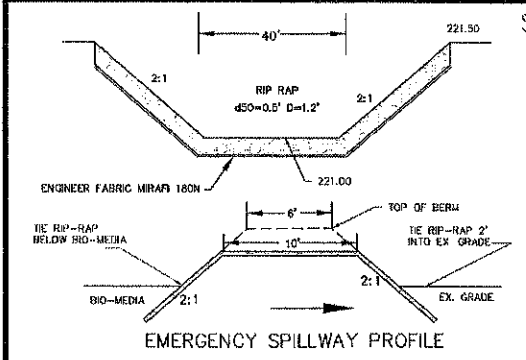
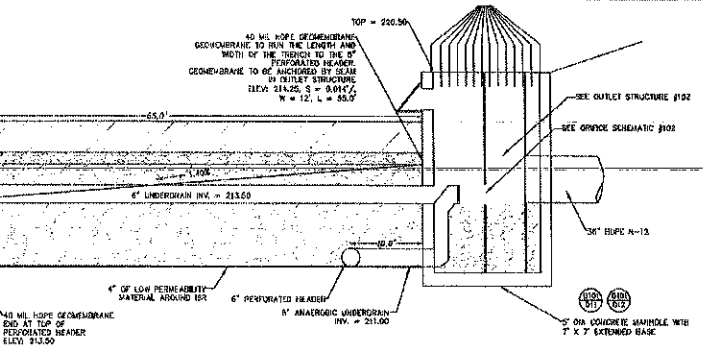
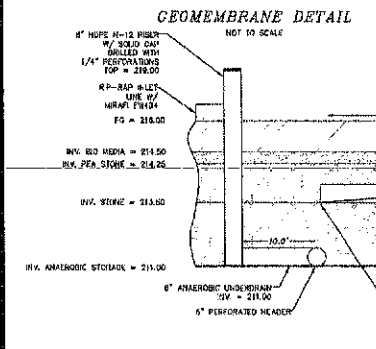
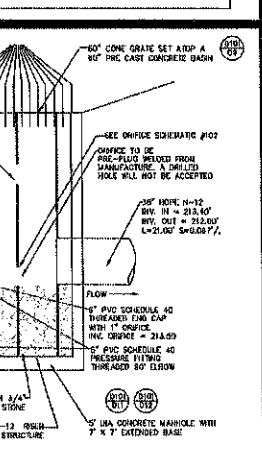
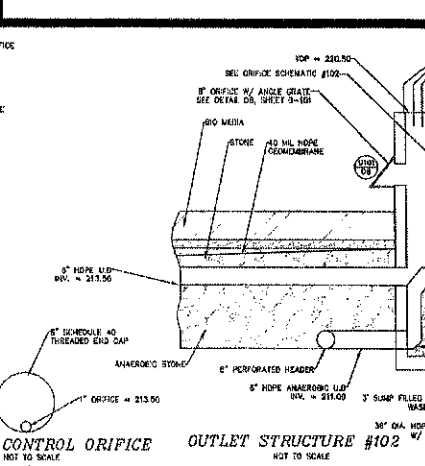
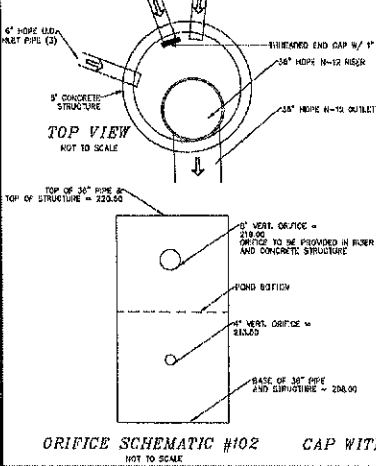
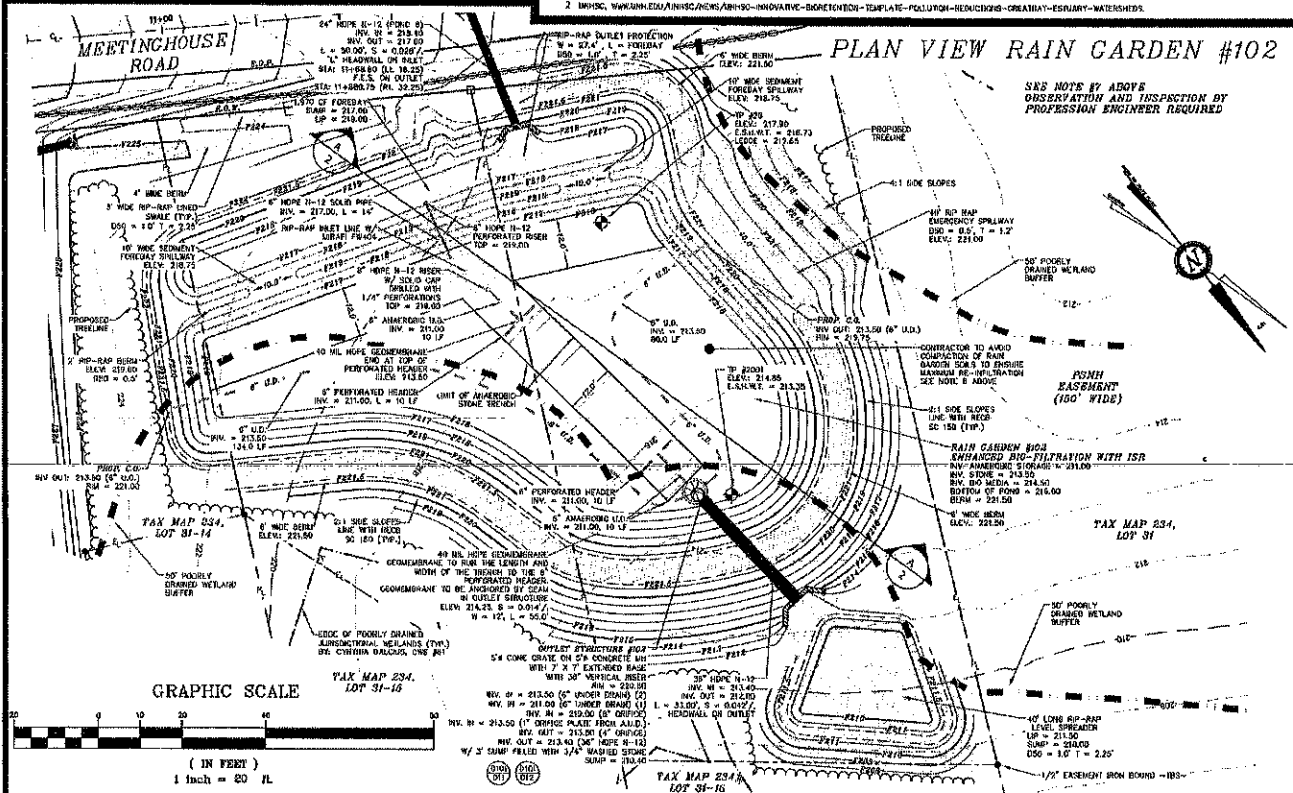
- DESIGN REFERENCES:**
- 2017 NH SMALL WSA GENERAL PERMIT, APPENDIX F ATTACHMENT 3, (PAGE 6)
 - IMPROVING WATERSHED MANAGEMENT AND PROTECTING NONPOINT SOURCE POLLUTION - REGULATORY - RESOURCES - ESTATE - WATERWAYS.



APPROVED
 File Number: 2017-0123-14-0019
 Date: 3/14/2019
 Chairman: [Signature]
 THE SUBMISSION REPRESENTS THE DESIGN OF THE RAIN GARDEN AND IS PART OF THIS PLAN AND APPROVAL OF THE PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBMISSION REGULATIONS, EXCEPTING ONLY ADJUSTMENTS MADE BY MEETING BY THE BOARD AND ATTACHED HERETO.

LOW PERMEABILITY MATERIAL GRADATION

SEIVE SIZE	% PASSING BY WEIGHT
# 40	85 - 100
# 60	60 - 95
# 100	40 - 60
# 200	25 - 45



REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

RAIN GARDEN #102
 LAND OF
 DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 31 & 31-1

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052

SHEET 23 OF 38

BIORETENTION FILTER MEDIA MIXTURES			
Component Material	Percent of Mixture by Volume	Gradation of material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Bioretention Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5

1/4" WASHED CRUSHED STONE*		3/4" WASHED CRUSHED STONE*	
SEIVE SIZE	% PASSING BY WEIGHT	SEIVE SIZE	% PASSING BY WEIGHT
1/2"	100	3/4"	100
3/8"	95 - 100	1/2"	90 - 100
# 4	22 - 55	3/8"	15 - 55
# 8	0 - 10	# 10	0 - 5

* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

RAIN GARDEN MIX

THE GRASS THAT IS PLANTED WITH A RAIN GARDEN BIO-FILTRATION SYSTEM WITH THE BIO-MEDIA MUST CONSIST OF A COMBINATION OF WARM SEASON GRASSES KEEP AND COLD SEASON GRASSES TO BE PLANTED IN ORDER FOR THE GRASS TO START GROWING FOR STABILIZATION AND CONTINUE GROWING IN THE SANDY WELL-DRAINED ENVIRONMENT. PLANTING SPECIFICATION WILL MEET THE REQUIREMENTS AS OUTLINED BY VEGETATION NEW HAMPSHIRE SAND AND GRAVEL BEST MIX 1 (WARM SEASON GRASSES) (5 LBS/LYD) AND MEDIUM ANNUAL AND PERENNIAL GRASS SEED (10 LBS/LYD). THE NEW ENGLAND NATIVE WARM SEASON GRASS MIX (5 LBS/LYD) BY NEW ENGLAND NATIVE PLANTS, INC. RAIN GARDEN MIX 100 LBS/LYD & 10 LBS/LYD OF RYE 1 (WARM SEASON GRASS MIX 100-1 (10 LBS/LYD & 10 LBS/LYD OF RYE) BY ERNST CONSERVATION SYSTEMS, OR APPROVED EQUAL.

- NOTES**
- WHEN CONTRACTOR EXCAVATES RAIN GARDEN AREA TO SUBGRADE, DESIGN ENGINEER SHALL PERFORM SUBSURFACE INVESTIGATION PRIOR TO THE PLACEMENT OF ANY SELECT MATERIAL OR OTHER BACKFILL.
 - SOIL BIODEGRADATION FILTER MEDIA SHALL BE AS SHOWN ABOVE. "BIO MEDIA" MEANS BIODEGRADATION FILTER MEDIA. CONSTRUCTION IS NOT TO OCCUR IN THE RAIN GARDEN AREAS PRIOR TO CONSTRUCTION. SCARIFICATION REQUIRED IN THE EVENT COMPACTED LAYS PLACE.
 - THE BIODEGRADATION SYSTEM SHALL NOT BE SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTION AREAS HAVE BEEN FULLY ESTABLISHED.
 - DO NOT EXHAUSTIVE WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF WATER FROM EXCAVATIONS) INTO THE BIODEGRADATION SYSTEM.
 - DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH A P.E. SHALL BE PRESENT DURING THE CONSTRUCTION OF THE RAIN GARDENS TO ENSURE THAT ALL OF THE CONTRACTOR'S MET AND THAT A REPORT IS SUBMITTED TO AGENCIES WHEN CONSTRUCTION OF THE RAIN GARDENS ARE COMPLETED.

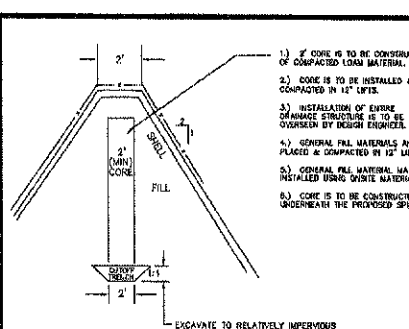
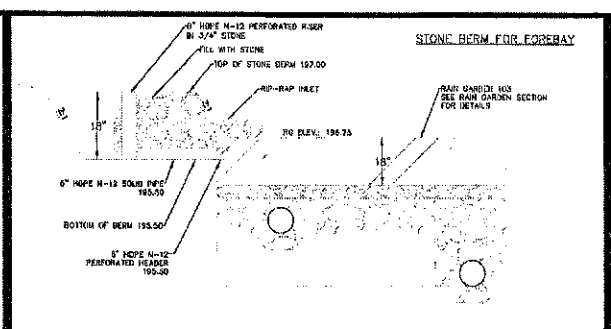
- MAINTENANCE REQUIREMENTS**
- SYSTEMS SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EXCEEDING 2.5 INCHES IN A 24-HOUR PERIOD, WITH MAINTENANCE OR REPAIRS CONDUCTED AS A WARRANTED BY SUCH INSPECTION.
 - PRECIPITATION MEASURES SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND CLEANED OF ACCUMULATED SEDIMENT AS WARRANTED BY INSPECTION, BUT NO LESS THAN ONCE ANNUALLY.
 - AT LEAST ONCE ANNUALLY, SYSTEM SHOULD BE INSPECTED FOR DRAGGON TIME. IF BIODEGRADATION SYSTEM DOES NOT DRAIN WITHIN 72 HOURS FOLLOWING A RAINFALL EVENT, THEN A QUALIFIED PROFESSIONAL SHOULD ASSESS THE LOCATION OF THE FACILITY TO DETERMINE MEASURES REQUIRED TO RESTORE FUNCTIONALITY OF BIODEGRADATION SYSTEM (AS APPLICABLE), INCLUDING BUT NOT LIMITED TO REMOVAL OF ACCUMULATED SEDIMENTS OR RECONSTRUCTION OF THE FILTER MEDIA.
 - VEGETATION SHOULD BE MAINTAINED AT LEAST ANNUALLY, AND MAINTAINED IN HEALTHY CONDITION, INCLUDING PRUNING, REMOVAL, AND REPLACEMENT OF DEAD OR DISEASED VEGETATION, AND REMOVAL OF INVASIVE SPECIES.

- DESIGN REFERENCES**
1. NH DOT STANDARD SPECIFICATIONS
 2. NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2009 AS AMENDED.

ENHANCED BIO-FILTRATION WITH INTERNAL STORAGE RESERVOIR (ISR)

1. THE INTERNAL STORAGE RESERVOIR (ISR) SHALL PROVIDE A RETENTION TIME OF AT LEAST 24 HOURS IN THE SYSTEM TO ALLOW FOR SUFFICIENT TIME FOR DENITRIFICATION AND BIODEGRADATION TO OCCUR PRIOR TO DISCHARGE. THE FILTER MEDIA HAS BEEN ASSIGNED WITH MATERIALS DESIGNED AND/OR PROVEN TO BE EFFECTIVE AT CAPTURING PHOSPHORUS. THE TOP PERCENTILES OF THE BIO-MEDIA SHALL BE AMENDED WITH OTHER OR BY VALUE ELEMENTS, FOR EXAMPLE, CORN COB BRUSH, RICE HULLS, OR OTHER MATERIALS THAT WILL INCREASE THE VOLUME OF THE TOP PERCENTILES OF THE BIO-MEDIA.

- DESIGN REFERENCES**
1. 2017 NH SMALL WSA GENERAL PERMIT, APPENDIX F ATTACHMENT 3, (PAGE 8)
 2. US EPA, WWA (NH) LID/BIOMEDIA/BIOMEDIA-TO-SUB-TEMPERATE-POLLUTION-REDUCTIONS-GREATLY-ENHANCED-WATERSHEDS.



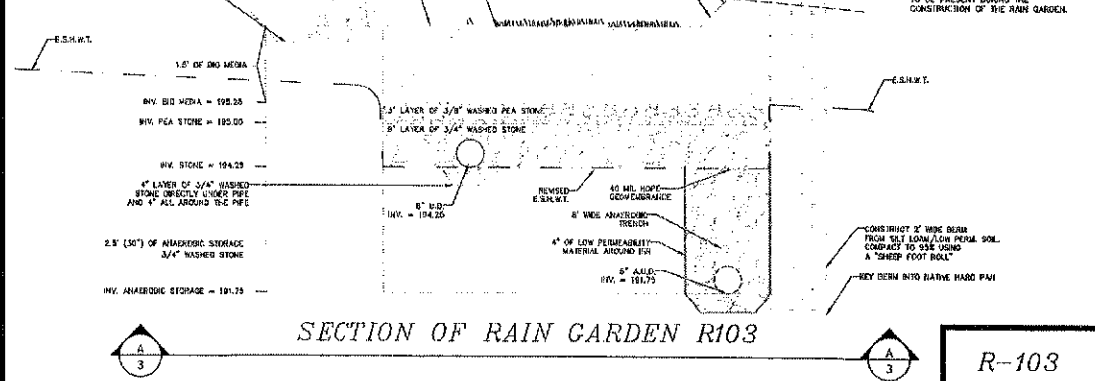
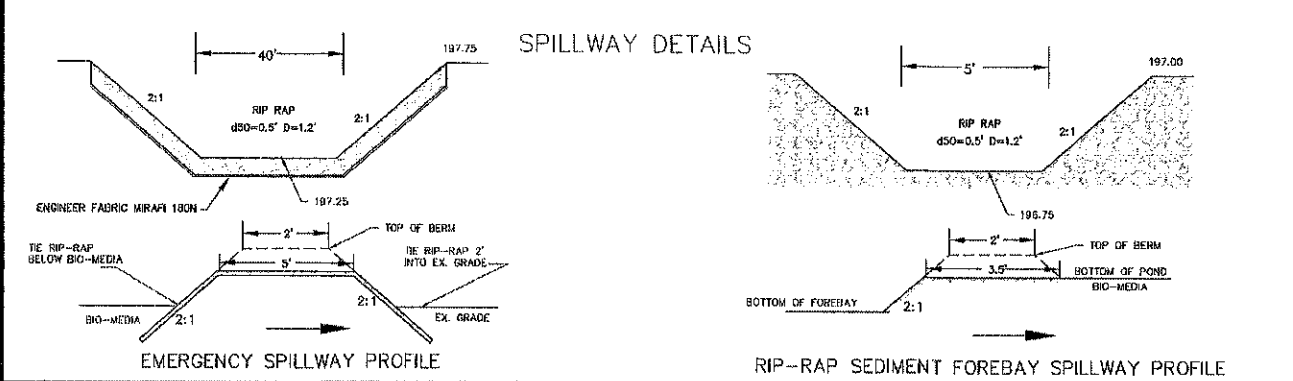
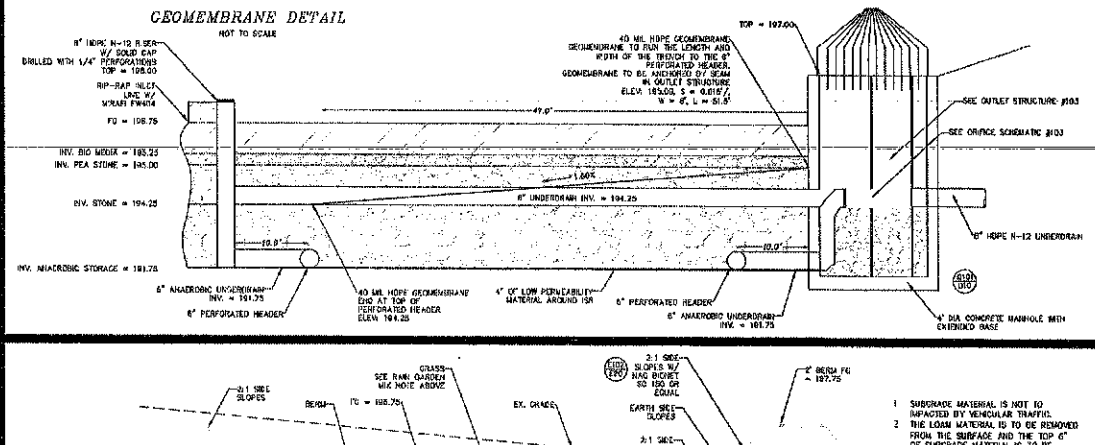
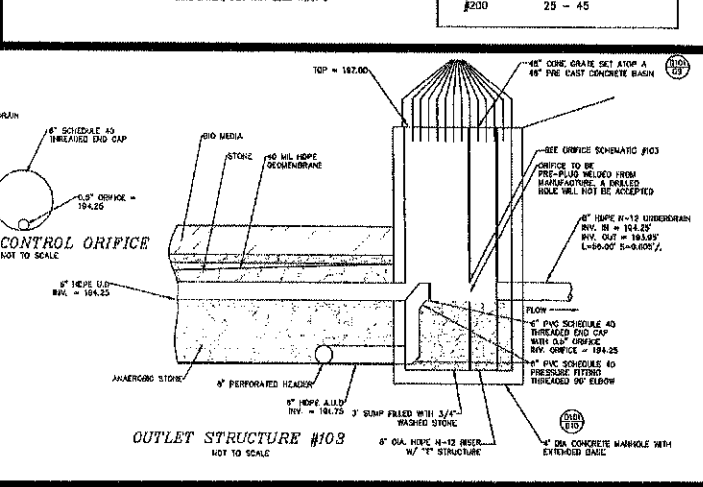
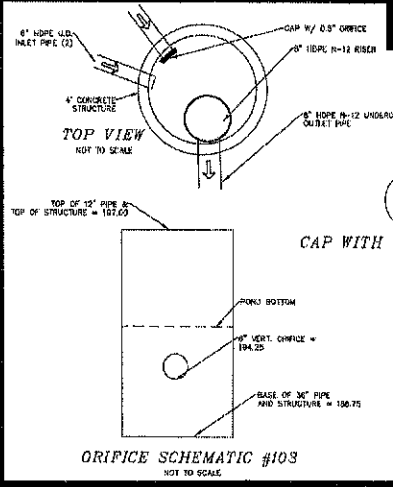
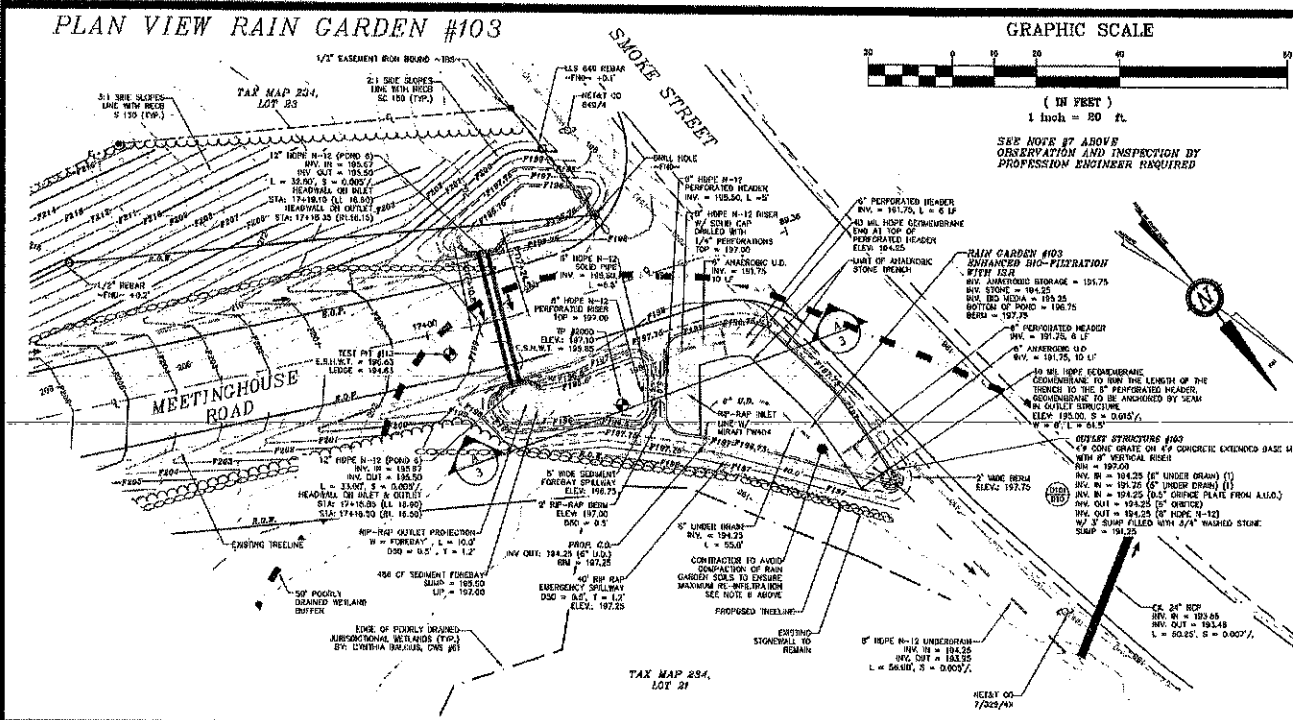
FOR PLANNING BOARD: BARRINGTON, NH
-APPROVED-
 File Number: 31-311404-10-1
 Date: 2/6/2019
 Chairman: [Signature]

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

LOW PERMEABILITY MATERIAL GRADATION

SEIVE SIZE	% PASSING BY WEIGHT
# 40	85 - 100
# 100	40 - 60
# 200	25 - 45

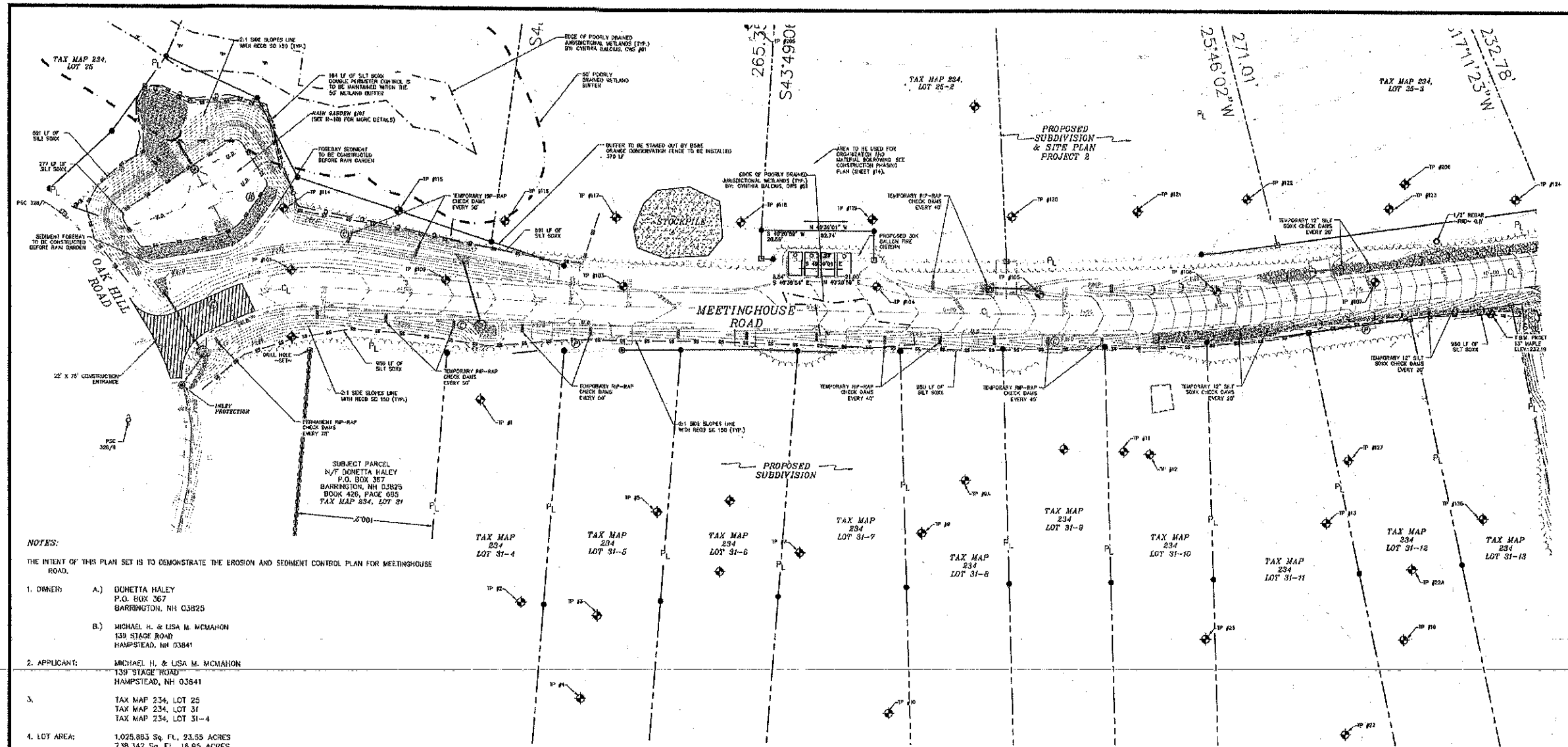
REVISION	DATE	DESCRIPTION
9-23-19		REVISED PER NOTICE OF DECISION
7-16-19		REVISIONS PER AOT REVIEW
5-14-19		REVISIONS PER DB&K COMMENT
#3		
#2A		
#1		



BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603) 332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052

RAIN GARDEN #103
 LAND OF DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 224, LOTS 21 & 21-1

STATE OF NEW HAMPSHIRE
 KENNETH A. BERRY
 1984
 LICENSED PROFESSIONAL ENGINEER



- NOTES:**
- THE INTENT OF THIS PLAN SET IS TO DEMONSTRATE THE EROSION AND SEDIMENT CONTROL PLAN FOR MEETINGHOUSE ROAD.
- OWNER:
 - DONETTA HALEY
P.O. BOX 367
BARRINGTON, NH 03825
 - MICHAEL H. & LISA M. MCMAHON
139 STAGE ROAD
HAMPSTEAD, NH 03841
 - APPLICANT: MICHAEL H. & LISA M. MCMAHON
139 STAGE ROAD
HAMPSTEAD, NH 03841
 - TAX MAP 234, LOT 25
TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-4
 - LOT AREA: 1,025,883 Sq. Ft., 23.55 ACRES
738,342 Sq. Ft., 16.95 ACRES
479,160 Sq. Ft., 11.00 ACRES
 - UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
 - THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIGSAFE 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
 - ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
 - UPON FINAL COMPLETION AND BERM STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS, SEDIMENT CONTROL PRACTICES REMOVED AND DISPOSED OF PROPERLY, AND ANNUAL MAINTENANCE PERFORMED ON ALL DRAINAGE PRACTICES. OWNER TO MAKE NOTE OF THE OPERATION AND MAINTENANCE PLAN.
 - EROSION AND SEDIMENT CONTROL INSPECTIONS TO BE CONDUCTED ONCE PER EVERY SEVEN DAYS AND AT AN INCREASED FREQUENCY INCLUDING WITHIN 24-HOURS OF A 0.25 INCH RAIN EVENT. INSPECTIONS TO BE CONDUCTED BY A "QUALIFIED PERSON" AS DEFINED BY EPA COP 4.1.1 AND INSPECTION REPORTS SUBMITTED TO THE TOWN OF BARRINGTON, NH, ENGINEERING DEPARTMENT WITHIN 24 HOURS IN ACCORDANCE WITH COP 4.1.7 AND MAINTAINED BY THE OWNER FOR A PERIOD OF THREE YEARS AFTER THE NOTICE OF TERMINATION (NOT) IS SUBMITTED. SEE ALSO TOWN OF BARRINGTON FOR ADDITIONAL INSPECTION REQUIREMENTS.
 - SILT FENCE MAY BE SUBSTITUTED WITH FILTERBOX SILT SOX OR EROSION CONTROL MIX BERM. SILT FENCE IS NOT A SUBSTITUTE FOR FILTERBOX SILT SOX OR APPROVED EQUAL. HOWEVER, CONTRACTOR MAY SUBSTITUTE ORANGE SAFETY SILT FENCE FOR THE PERIMETER PROTECTION.
 - PER EPA COP 2.1.2.2 (INSTALL PERIMETER CONTROL), "YOU MUST INSTALL SEDIMENT CONTROLS ALONG THOSE PERIMETER AREAS OF YOUR SITE THAT WILL RECEIVE STORMWATER FROM EARTH DISTURBING ACTIVITIES." AS A RESULT OF SWPPP INSPECTIONS, THE CONTRACTOR MAY HAVE TO EXPAND PERIMETER CONTROLS TO MEET THIS REQUIREMENT. THE EASC PLAN IS INITIAL GUIDANCE AS TO THE ANTICIPATED REQUIREMENTS AND IF THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT STORMWATER VIOLATION DO NOT OCCUR.
 - LOT DEVELOPMENT IS TO OCCUR AFTER OR DURING SITE STABILIZATION.

SOILS & DRAINAGE:

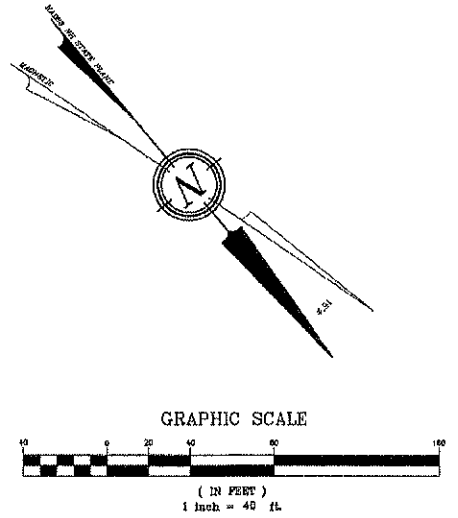
SOIL	CLASSIFICATION	K _s
68A	SUTTON SANDY LOAM	K = 0.30
68B	SUTTON SANDY LOAM	K = 0.40
68D	SUTTON SANDY LOAM	K = 0.48
68E	SUTTON SANDY LOAM	K = 0.43
448A	SCITUATE VERY STONY PINE SANDY LOAM	K = 0.17
448D	SCITUATE FINE SANDY LOAM	K = 0.24
448C	SCITUATE FINE SANDY LOAM	K = 0.24
448B	SCITUATE FINE SANDY LOAM	K = 0.31
396D	SUTTON VARIAN	K = 0.43
396B	SUTTON SANDY LOAM	K = 0.21
514/B	LEICESTER SANDY LOAM	K = 0.43
657B	RIDGEBURY SANDY LOAM	K = 0.24
657C	RIDGEBURY SANDY LOAM	K = 0.24
657D	RIDGEBURY SANDY LOAM	K = 0.24

SEE SITE SPECIFIC SOILS MAP (SSSM)
SEE WEBSOL, USDA-NRCS
ERODIBILITY FACTOR - K, QPSC MANUAL, ENVIROCERT INTERNATIONAL INC. & ROOKINGHAM COUNTY SOIL SURVEY, ROCKWELL SOIL ATTRIBUTES.

THE SOIL ERODIBILITY FACTOR (K) OF THE SOILS VARIES GREATLY FROM 0.17 TO 0.43. CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES. ANY DRAINAGE REQUIREMENTS IN NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION 91.2 (STATE OF NEW HAMPSHIRE CONDITIONS) AND OTHER NH SPECIFIC INFORMATION FOR THE U.S. EPA 2012 NPDES CONSTRUCTION GENERAL PERMIT (CGP)" DATED MAY 3, 2012 INCLUDED IN THE SWPPP.

COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE MOW / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIEST OPPORTUNITY. SEE ADDITIONAL REQUIREMENT FOR STABILIZATION ON THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS, E-101 AND E-102.

THE CONSTRUCTION SCHEDULE WILL BE MANAGED SO THAT ALL STORMWATER STRUCTURES WILL BE BUILT AND STABILIZED PRIOR TO RECEIVING SURFACE WATER RUNOFF. CONTRACTOR TO BE RESPONSIBLE FOR ALL OVERSIGNS DURING CONSTRUCTION AND FOR INTERIM SEDIMENT AND EROSION CONTROL MEASURES.



- LEGEND:**
- RAIN GARDEN BIO-MEDIA PROTECTION
 - PERIMETER CONTROL
 - RESIDENTIAL/ROADWAY CONSTRUCTION DRILL HOLE (RHS)
 - IRON BOUND (IBS)
 - GRANITE BOUND (GBS)
 - UTILITY POLE
 - GUY WIRE
 - WELL
 - BENCHMARK
 - CONIFEROUS TREE
 - DECIDUOUS TREE
 - SILT FENCE
 - FILTERBOX SILT SOX
 - TREE LINE
 - ORANGE CONSTRUCTION FENCE

PLANNING BOARD
FOR BARRINGTON, NH
- APPROVED -
File Number: 2017-001
Date: 3/12/2017
Chairman: [Signature]

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

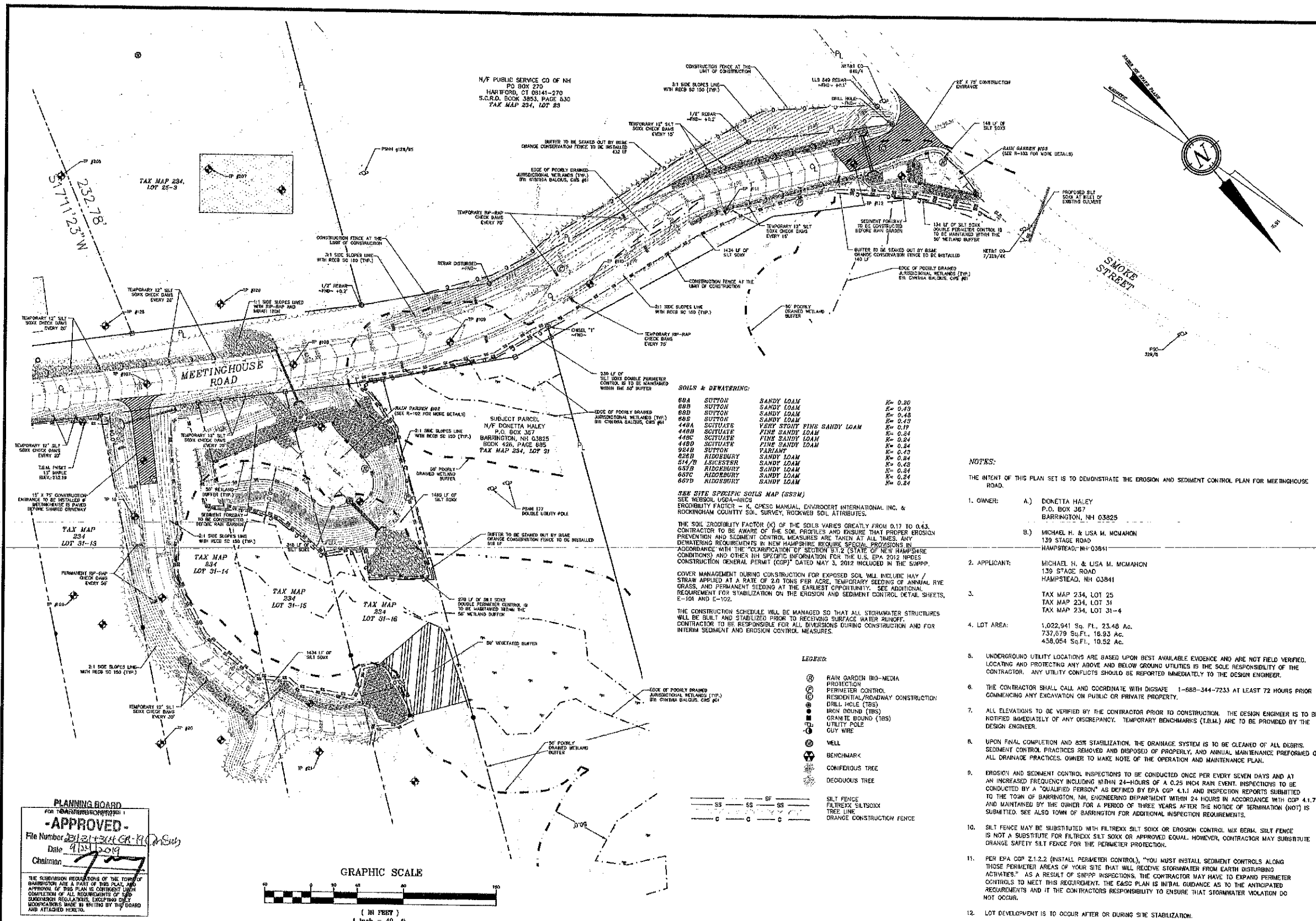
#	REVISION	DATE	DESCRIPTION
#3	9-23-19		REVISED PER NOTICE OF DECISION
#2A	7-16-19		REVISIONS PER AOT REVIEW
#1	5-14-19		REVISIONS PER DE&K COMMENT

EROSION AND SEDIMENT CONTROL PLAN EAST
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 25 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 40 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
16-1243
LICENSED PROFESSIONAL ENGINEER

SHEET 25 OF 38



N/F PUBLIC SERVICE CO OF NH
 P.O. BOX 270
 HARRINGTON, CT 06341-270
 S.C.R.D. BOOK 3853, PAGE 530
 TAX MAP 234, LOT 23

SUBJECT PARCEL
 N/F DONETTA HALEY
 P.O. BOX 387
 BARRINGTON, NH 03825
 BOOK 426, PAGE 695
 TAX MAP 234, LOT 31

SOILS & DRAINAGE:

88A	SUTTON	SANDY LOAM	K= 0.20
88B	SUTTON	SANDY LOAM	K= 0.49
88D	SUTTON	SANDY LOAM	K= 0.48
88S	SUTTON	SANDY LOAM	K= 0.49
448A	SCITUATE	VERY STONY FINE SANDY LOAM	K= 0.19
448B	SCITUATE	FINE SANDY LOAM	K= 0.24
448C	SCITUATE	FINE SANDY LOAM	K= 0.24
448D	SCITUATE	FINE SANDY LOAM	K= 0.24
924B	SUTTON	VARIANT	K= 0.49
828D	RIDGEBURY	SANDY LOAM	K= 0.24
814/B	LEICESTER	SANDY LOAM	K= 0.48
657B	RIDGEBURY	SANDY LOAM	K= 0.24
667B	RIDGEBURY	SANDY LOAM	K= 0.24
667D	RIDGEBURY	SANDY LOAM	K= 0.24

SEE SITE SPECIFIC SOILS MAP (SSM)
 SEE WEBSOL USDA-NRCS
 ERODIBILITY FACTOR - K CIPSO MANUAL, CIVIROBERT INTERNATIONAL INC. & ROCKINGHAM COUNTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES.

THE SOIL ERODIBILITY FACTOR (K) OF THE SOILS VARIES GREATLY FROM 0.17 TO 0.43. CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES. ANY DRAINAGE REQUIREMENTS IN NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION 31.2 (STATE OF NEW HAMPSHIRE CONDITIONS)" AND OTHER NH SPECIFIC INFORMATION FOR THE U.S. EPA 2012 NPDES CONSTRUCTION GENERAL PERMIT (CGP) DATED MAY 3, 2012 INCLUDED IN THE SHPPP.

COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE HAY / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIEST OPPORTUNITY. SEE ADDITIONAL REQUIREMENT FOR STABILIZATION ON THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS, E-101 AND E-102.

THE CONSTRUCTION SCHEDULE WILL BE MANAGED SO THAT ALL STORMWATER STRUCTURES WILL BE BUILT AND STABILIZED PRIOR TO RECEIVING SURFACE WATER RUNOFF. CONTRACTOR TO BE RESPONSIBLE FOR ALL DIVERSIONS DURING CONSTRUCTION AND FOR INTERIM SEDIMENT AND EROSION CONTROL MEASURES.

NOTES:

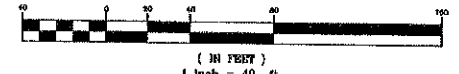
THE INTENT OF THIS PLAN SET IS TO DEMONSTRATE THE EROSION AND SEDIMENT CONTROL PLAN FOR MEETINGHOUSE ROAD.

- OWNER: A.) DONETTA HALEY
 P.O. BOX 387
 BARRINGTON, NH 03825
 B.) MICHAEL H. & LISA M. MCMAHON
 139 STAGE ROAD
 HAMPSHIRE, NH 03841
- APPLICANT: MICHAEL H. & LISA M. MCMAHON
 139 STAGE ROAD
 HAMPSHIRE, NH 03841
- TAX MAP 234, LOT 25
 TAX MAP 234, LOT 31
 TAX MAP 234, LOT 31-4
- LOT AREA:
 1,022,941 Sq. Ft., 23.48 Ac.
 737,679 Sq. Ft., 16.93 Ac.
 438,054 Sq. Ft., 10.52 Ac.
- UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL CALL AND COORDINATE WITH DISSAFE 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- UPON FINAL COMPLETION AND 85% STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS. SEDIMENT CONTROL PRACTICES REMOVED AND DISPOSED OF PROPERLY, AND ANNUAL MAINTENANCE PERFORMED ON ALL DRAINAGE PRACTICES. OWNER TO MAKE NOTE OF THE OPERATION AND MAINTENANCE PLAN.
- EROSION AND SEDIMENT CONTROL INSPECTIONS TO BE CONDUCTED ONCE PER EVERY SEVEN DAYS AND AT AN INCREASED FREQUENCY INCLUDING WITHIN 24-HOURS OF A 0.25 INCH RAIN EVENT. INSPECTIONS TO BE CONDUCTED BY A "QUALIFIED PERSON" AS DEFINED BY EPA CGP 4.1.1 AND INSPECTION REPORTS SUBMITTED TO THE TOWN OF BARRINGTON, NH, ENGINEERING DEPARTMENT WITHIN 24 HOURS IN ACCORDANCE WITH CGP 4.1.7 AND MAINTAINED BY THE OWNER FOR A PERIOD OF THREE YEARS AFTER THE NOTICE OF TERMINATION (NOT) IS SUBMITTED. SEE ALSO TOWN OF BARRINGTON FOR ADDITIONAL INSPECTION REQUIREMENTS.
- SILT FENCE MAY BE SUBSTITUTED WITH FILTEREX SILT SOXX OR EROSION CONTROL MIX BERM. SILT FENCE IS NOT A SUBSTITUTE FOR FILTEREX SILT SOXX OR APPROVED EQUAL. HOWEVER, CONTRACTOR MAY SUBSTITUTE DRAINAGE SAFETY SILT FENCE FOR THE PERIMETER PROTECTION.
- PER EPA CGP 2.1.2.2 (INSTALL PERIMETER CONTROL), "YOU MUST INSTALL SEDIMENT CONTROLS ALONG THOSE PERIMETER AREAS OF YOUR SITE THAT WILL RECEIVE STORMWATER FROM EARTH DISTURBING ACTIVITIES." AS A RESULT OF SWPPP INSPECTIONS, THE CONTRACTOR MAY HAVE TO EXPAND PERIMETER CONTROLS TO MEET THIS REQUIREMENT. THE E&S PLAN IS INITIAL GUIDANCE AS TO THE ANTICIPATED REQUIREMENTS AND IT THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT STORMWATER VIOLATION DO NOT OCCUR.
- LOT DEVELOPMENT IS TO OCCUR AFTER OR DURING SITE STABILIZATION.

LEGEND:

- (R) RAIN GARDEN BIO-MEDIA PROTECTION
- (P) PERIMETER CONTROL
- (D) RESIDENTIAL/ROADWAY CONSTRUCTION: DRILL HOLE (TBS)
- (I) IRON DRUMS (TBS)
- (G) GRANITE BOUND (TBS)
- (U) UTILITY POLE
- (W) WELL
- (B) BENCHMARK
- (T) CONIFEROUS TREE
- (D) DEODOROUS TREE
- (S) SILT FENCE
- (F) FILTEREX SILT SOXX
- (L) TREE LINE
- (O) ORANGE CONSTRUCTION FENCE

GRAPHIC SCALE



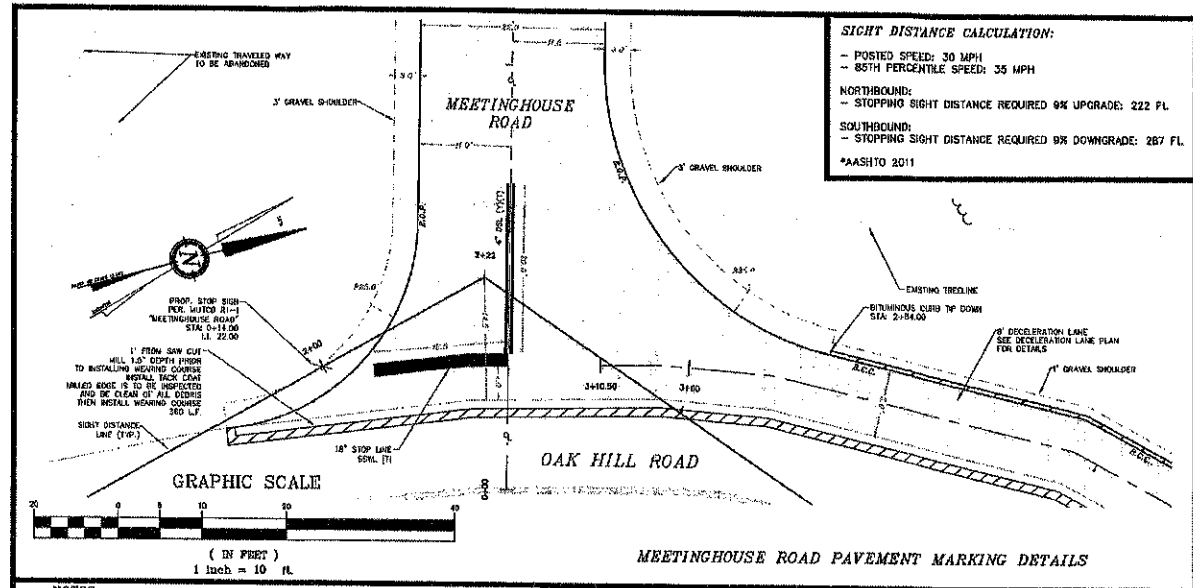
PLANNING BOARD
 FOR TOWN OF BARRINGTON
-APPROVED-
 File Number: 2017-001-001-001
 Date: 9/21/2019
 Chairman: [Signature]

REVISION #	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

EROSION AND SEDIMENT CONTROL PLAN WEST
 LAND OF
 DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 31 & 31-4

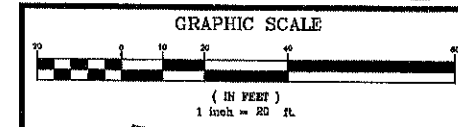
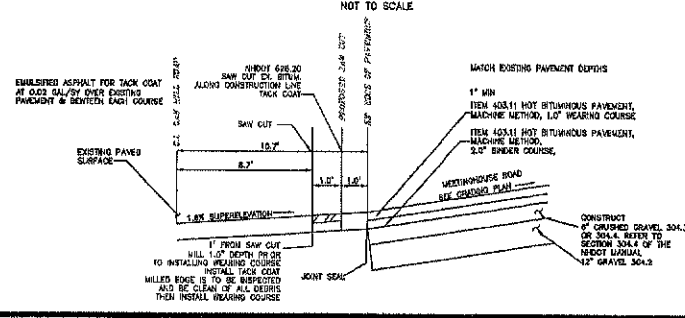
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052





SIGHT DISTANCE CALCULATION:
 - POSTED SPEED: 30 MPH
 - 85TH PERCENTILE SPEED: 35 MPH
NORTHBOUND:
 - STOPPING SIGHT DISTANCE REQUIRED W/ UPGRADE: 222 FT.
SOUTHBOUND:
 - STOPPING SIGHT DISTANCE REQUIRED W/ DOWNGRADE: 287 FT.
 *AASHTO 2011

TYPICAL EDGE LINE CONSTRUCTION OAK HILL ROAD



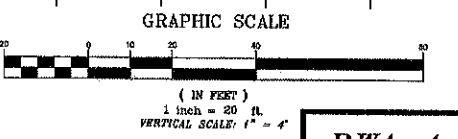
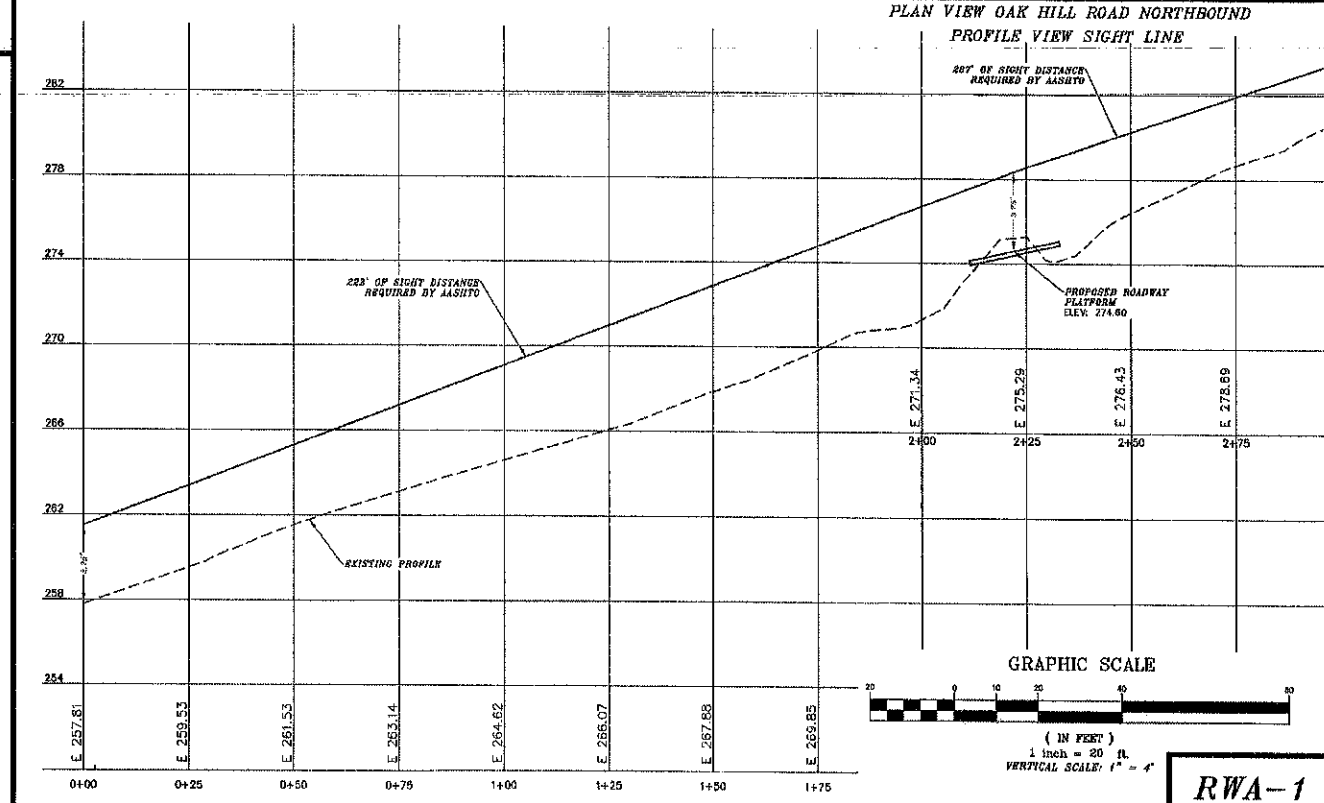
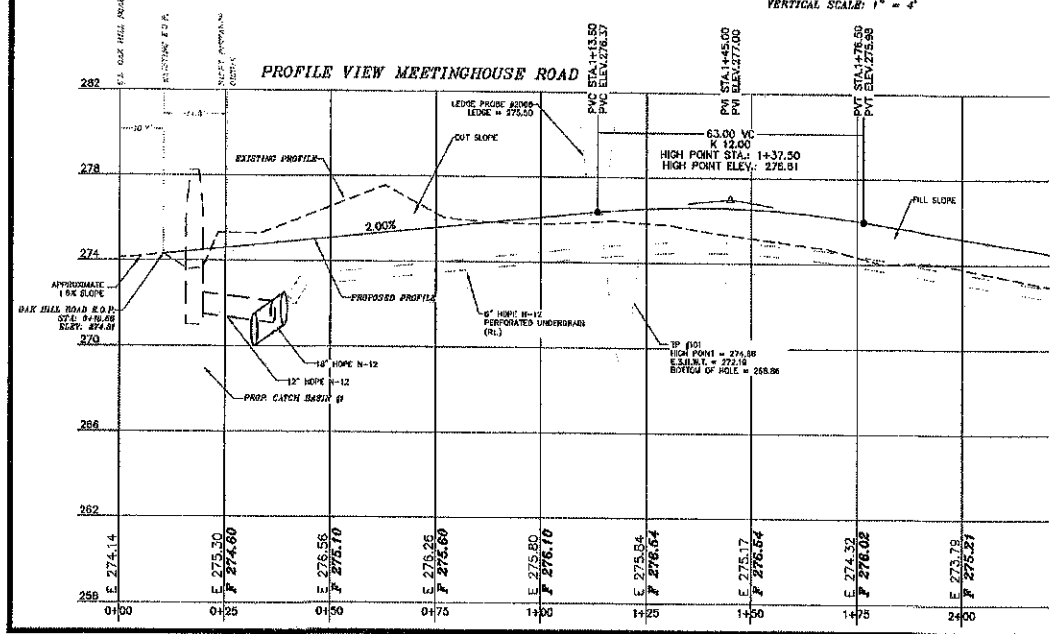
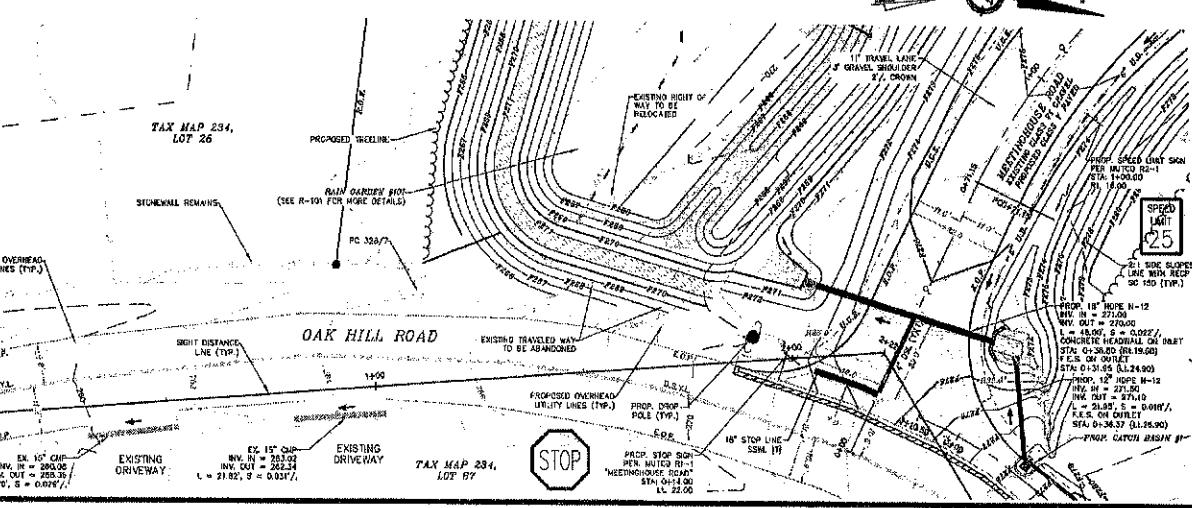
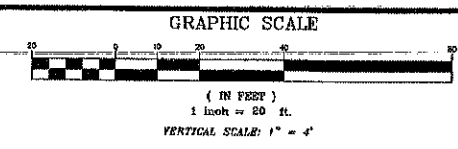
APPROVED
 File Number: 2017-03-02-01
 Date: 3/14/2019
 Chwmen: [Signature]

THE SUBMISSION OF THIS PLAN TO THE TOWN OF BARRINGTON IS A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBMISSION. NOTATIONS, EXCEPTIONS AND MODIFICATIONS MADE BY METHOD OF THE BOARD AND ATTACHED HERETO.

NOTES:

- OWNER: MICHAEL H. & LISA M. MCMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
- APPLICANT: MICHAEL H. & LISA M. MCMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
- TOWN OF BARRINGTON: TAX MAP 234, LOT 26
TAX MAP 234, LOT 31
TAX MAP 234, LOT 34-4
MEETINGHOUSE ROAD, CLASS VI ROAD
- LOT AREA: 1,022,941 Sq. Ft., 23.48 Ac.
737,879 Sq. Ft., 16.93 Ac.
456,054 Sq. Ft., 10.52 Ac.
- S.O.R.D. BOOK 4487, PAGE 885
BOOK 436, PAGE 888
BOOK 4336, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 383
- THIS IS A MAJOR ACCESS ROADWAY.
- EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2018. CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
- CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BEING MARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.

- LEGEND:**
- DRILL HOLE - FND
 - IRON BOUND - FND
 - 3/4" REBAR W/D CAP - SET
 - UTILITY POLE/CUT WIRE
 - OVERHEAD UTILITIES
 - UNDERGROUND UTILITIES
 - CATCH BASIN W/ STRUCTURE
 - CULVERT W/ FLARED END SECTION (F.E.S.)
 - SHOULDER
 - STONEWALL
 - STONEWALL REMAINS
 - EDGE OF TRAVELED WAY
 - PROPOSED ROAD CENTERLINE
 - STRAFFORD COUNTY REGISTRY OF DEEDS
 - TYP. FOUND
 - UNDERGROUND ELECTRIC
 - PROPERTY LINE
 - EDGE OF PAVEMENT
 - S.S. (W) SINGLE SOLID LINE (WHITE)
 - DS. (Y) DOUBLE SOLID LINE (YELLOW)



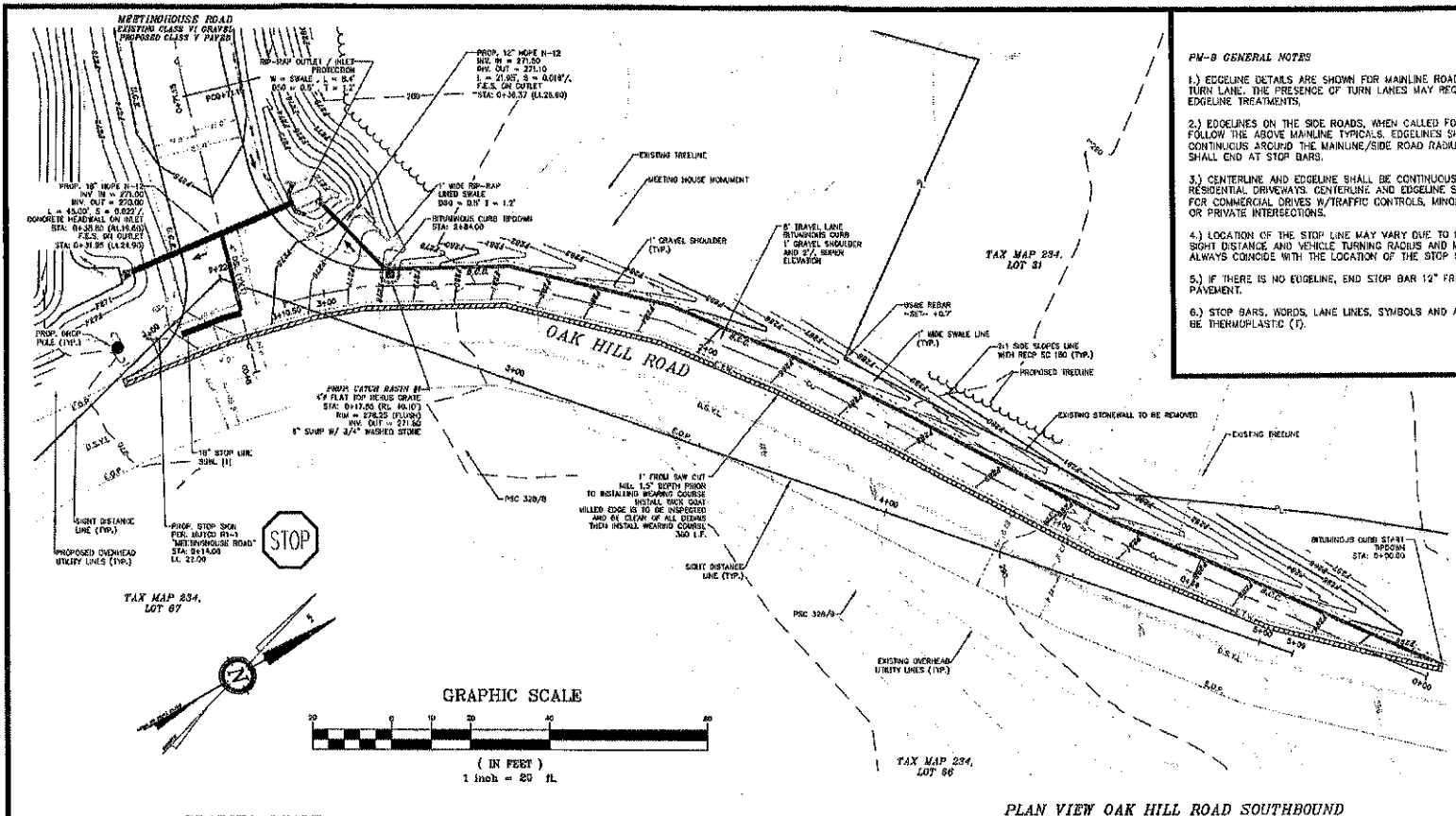
REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

ROADWAY ACCESS OAK HILL ROAD NORTHBOUND
 LAND OF DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 26 & 31-4

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: MARCH 12, 2019
 FILE NO.: DS 2017 - 052

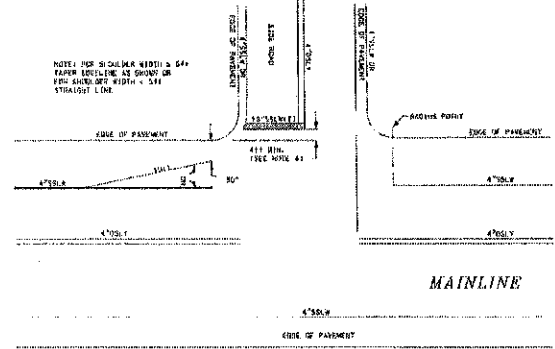


RWA-1



- PM-9 GENERAL NOTES**
- 1.) EDGELINE DETAILS ARE SHOWN FOR MAINLINE ROADWAYS WITHOUT TURN LANES. THE PRESENCE OF TURN LANES MAY REQUIRE DIFFERENT EDGELINE TREATMENTS.
 - 2.) EDGELINES ON THE SIDE ROADS, WHEN CALLED FOR, SHALL FOLLOW THE ABOVE MAINLINE TYPICALS. EDGELINES SHALL NOT BE CONTINUOUS AROUND THE MAINLINE/SIDE ROAD RADIUS. EDGELINES SHALL END AT STOP BARS.
 - 3.) CENTERLINE AND EDGELINE SHALL BE CONTINUOUS EAST RESIDENTIAL DRIVEWAYS CENTERLINE AND EDGELINE SHALL BREAK FOR COMMERCIAL DRIVES W/ TRAFFIC CONTROLS, MINOR SIDE ROADS, OR PRIVATE INTERSECTIONS.
 - 4.) LOCATION OF THE STOP LINE MAY VARY DUE TO INTERSECTION SIGHT DISTANCE AND VEHICLE TURNING RADII AND MAY NOT ALWAYS COINCIDE WITH THE LOCATION OF THE STOP SIGN.
 - 5.) IF THERE IS NO EDGELINE, END STOP BAR 12" FROM EDGE OF PAVEMENT.
 - 6.) STOP BARS, WORDS, LANE LINES, SYMBOLS AND ARROWS SHALL BE THERMOPLASTIC (T).

CENTERLINE AND EDGELINE "CUTS" AT SIDE ROAD

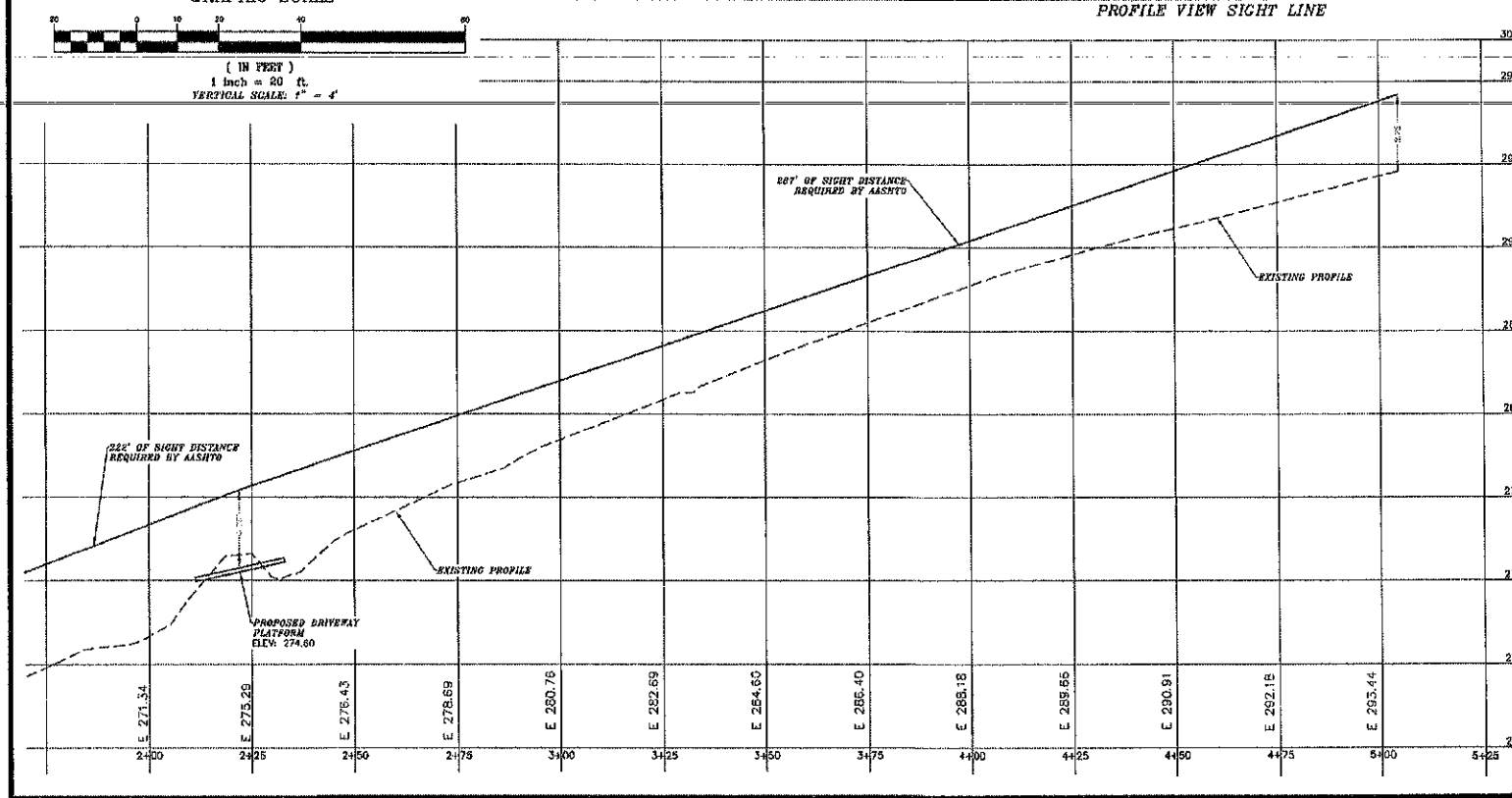


NOTES:

- 1.) OWNER: MICHAEL H. & USA M. MCMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
- 1A.) APPLICANT: MICHAEL H. & USA M. MCMAHON
130 STAGE ROAD
HAMPSHIRE, NH 03841
- 2.) TURN OF BARRINGTON: TAX MAP 234, LOT 25
TAX MAP 234, LOT 31
TAX MAP 234, LOT 31-A
MEETINGHOUSE ROAD, CLASS V ROAD
- 3.) LOT AREA: 1,022,241 Sq. Ft., 23.48 Ac.
737,279 Sq. Ft., 16.93 Ac.
458,054 Sq. Ft., 10.52 Ac.
- 4.) S.C.R.D.: 800K 4467, PAGE 885
BOOK 428, PAGE 885
BOOK 4534, PAGE 849
STATE OF NH ARCHIVES BOOK 1, PAGE 363
- 5.) R65 IS A MAJOR ACCESS ROADWAY.
- 6.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY SENNY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE.
- 7.) THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH RHOD ISLAND STANDARD SPECIFICATIONS DATED 2010, CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
- 8.) CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.

NOTES CONT.:

- 9.) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND ADORES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE EXACTLY AND TO PRESERVE ANY AND ALL UNDERGROUND UTILITIES CALL "DIG-SAFE" 1-888-DIGSAFE (344-7233) AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
- 10.) WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- 11.) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- 12.) AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 13.) THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS, OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE & RESET" (R & R).
- 14.) ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS NOTED OTHERWISE.



NOTES CONT.:

- 15.) ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH (T) SHALL BE THERMOPLASTIC.
- 16.) ALL "DISTURBED" AREAS NOT DESIGNATED TO BE PAVED SHALL HAVE LOAM PLACED AND SEED. THE LOAM SHALL HAVE A MINIMUM DEPTH OF 4 INCHES AND SHALL BE PLACED FLUSH WITH THE TOP OF THE ADJACENT CURB, EDGEO, BERM OR PAVEMENT SURFACE.
- 17.) ALL PAVEMENT MARKINGS TO BE PAINTED TO NHDOT STANDARD NO. PM-9.
- 18.) THE SPEED LIMIT ON OAK HILL ROAD IS 30 MPH.
- 19.) DESIGN ENGINEER TO PROVIDE INSPECTION & OVERSIGHT OF ALL WORK WITHIN R.O.W.

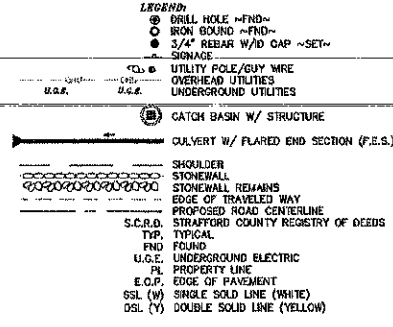
SIGHT DISTANCE CALCULATION:

- POSTED SPEED: 30 MPH
- 85TH PERCENTILE SPEED: 35 MPH

NORTHBOUND:
- STOPPING SIGHT DISTANCE REQUIRED ON UPGRADE: 222 FT.

SOUTHBOUND:
- STOPPING SIGHT DISTANCE REQUIRED ON DOWNGRADE: 287 FT.

*AASHTO 2011



PLANNING BOARD
BARRINGTON, NH

-APPROVED-

File Number: 2017-01-01-0019-0016

Date: 3/15/2019

Chairman: [Signature]

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

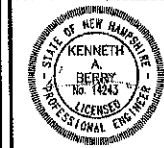
ROADWAY ACCESS OAK HILL ROAD SOUTHBOUND
LAND OF DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-A

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

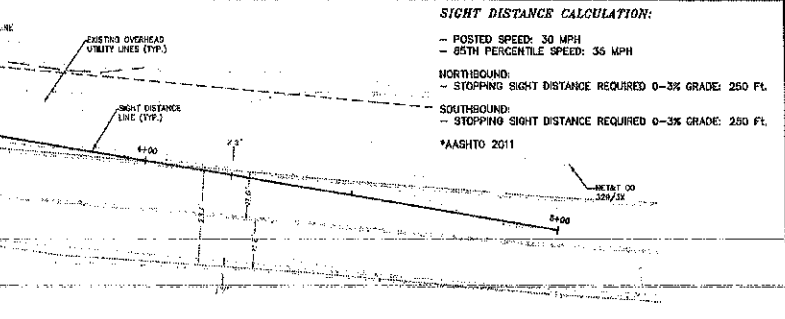
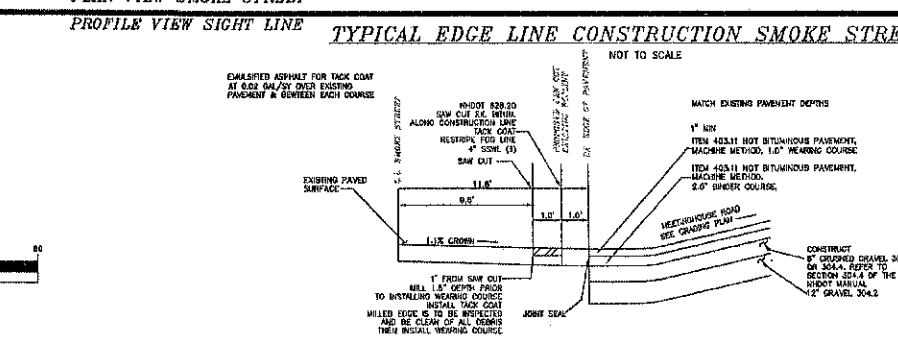
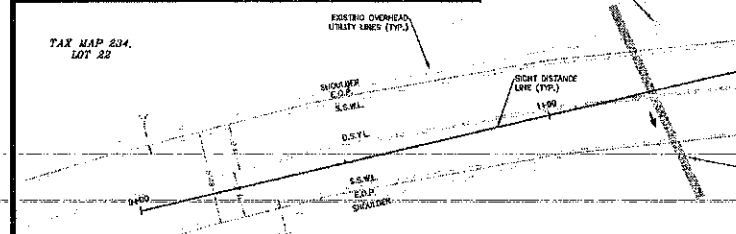
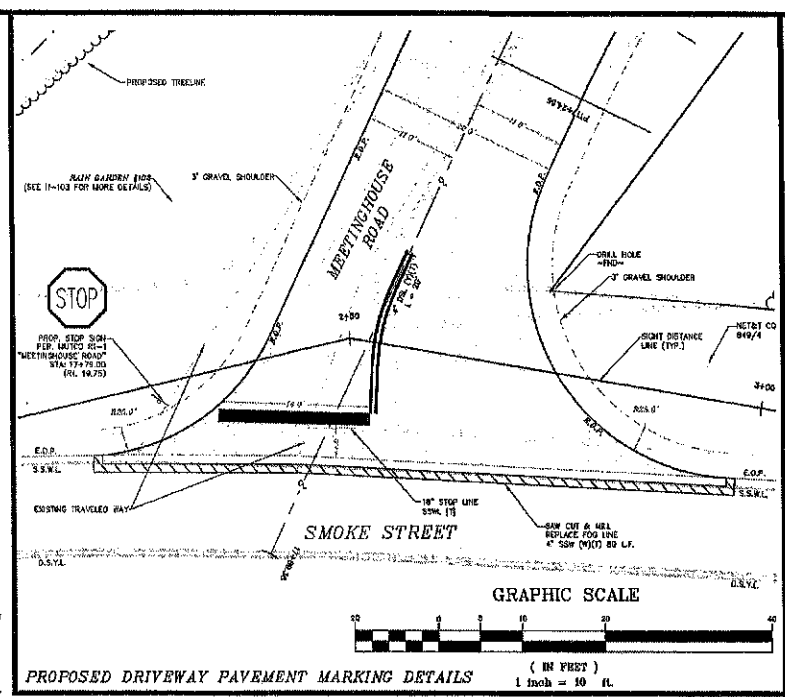
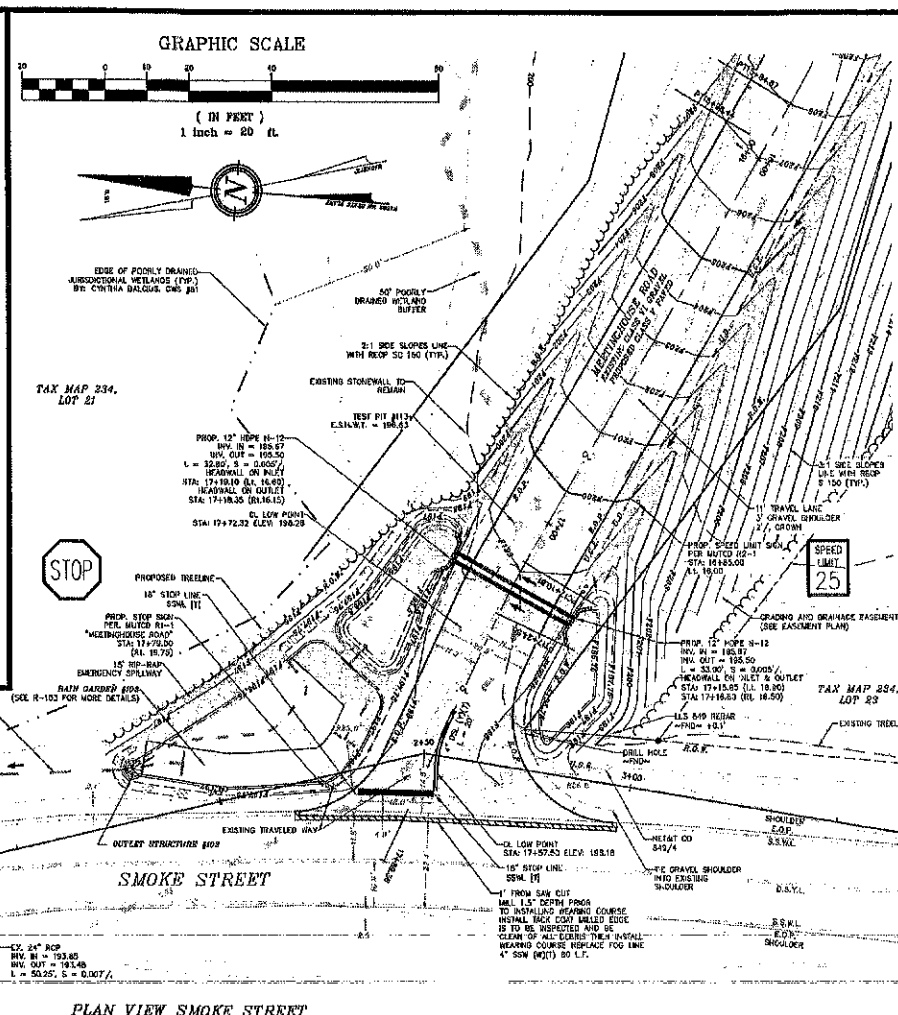
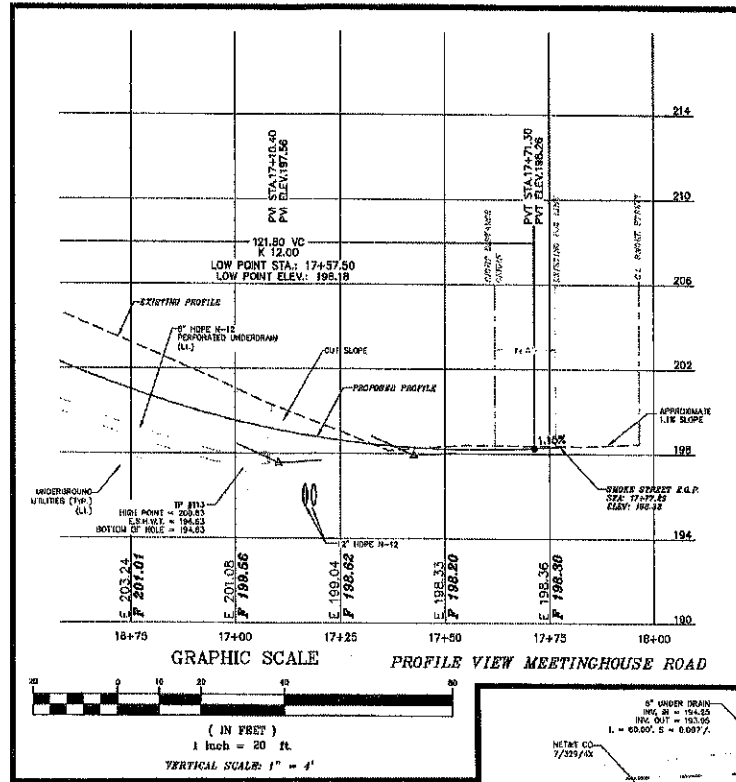
SCALE: 1 IN. EQUALS 20 FT.

DATE: MARCH 12, 2019

FILE NO.: DB 2017 - 052



RWA-2



NOTES:

- OWNER: MICHAEL H. & LISA M. MCMAHON, 139 STAGE ROAD, HAMPSHIRE, NH 03841.
- APPLICANT: MICHAEL H. & LISA M. MCMAHON, 139 STAGE ROAD, HAMPSHIRE, NH 03841.
- LOT AREA: 1,022,941 Sq. Ft., 23.48 Ac.
- S.C.R.D.: BOOK 4487, PAGE 845; BOOK 428, PAGE 686; BOOK 4936, PAGE 849; STATE OF NH ARCHIVES BOOK 1, PAGE 383.

NOTES CONT.:

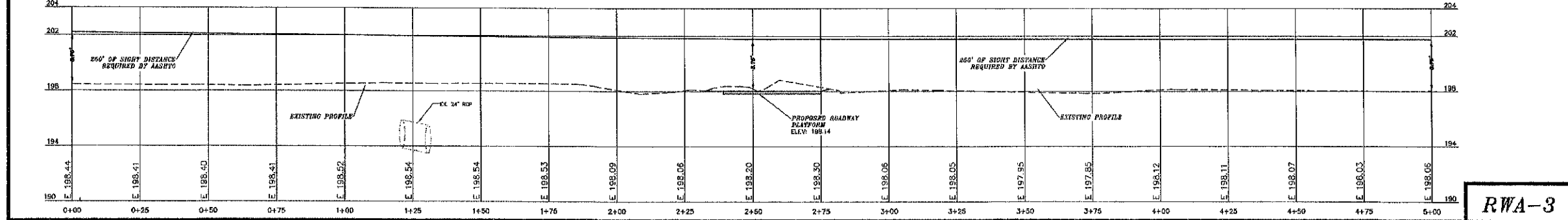
- THIS IS A MAJOR ACCESS ROADWAY.
- EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH INDOT STANDARD SPECIFICATIONS DATED 2010. CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS WELDED IN THE PROPOSAL.
- CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
- THE SPEED LIMIT ON SMOKE STREET IS 30 MPH.

LEGEND:

- DRILL HOLE ~FND~
- IRON BOUND ~FND~
- 3/4" REBAR W/D CAP ~SET~
- UTILITY POLE/UTILITY WIRE
- OVERHEAD UTILITIES
- UNDERGROUND UTILITIES
- CATCH BASIN W/ STRUCTURE
- SHOULDER
- STONEWALL REMAINS
- EDGE OF TRAVELED WAY
- PROPOSED ROAD CENTERLINE
- STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. FOUND
- U.G.E. UNDERGROUND ELECTRIC
- PL PROPERTY LINE
- E.O.P. EDGE OF PAVEMENT
- SS (W) SINGLE SOLID LINE (WHITE)
- DSL (Y) DOUBLE SOLID LINE (YELLOW)

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number: 2017-03-01
Date: 3/12/17
Chairman: [Signature]

THE SUBMISSION 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 SUBMISSION REGULATIONS, INCLUDING ANY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



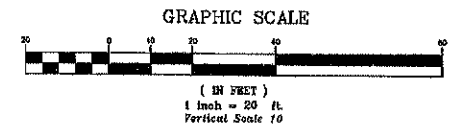
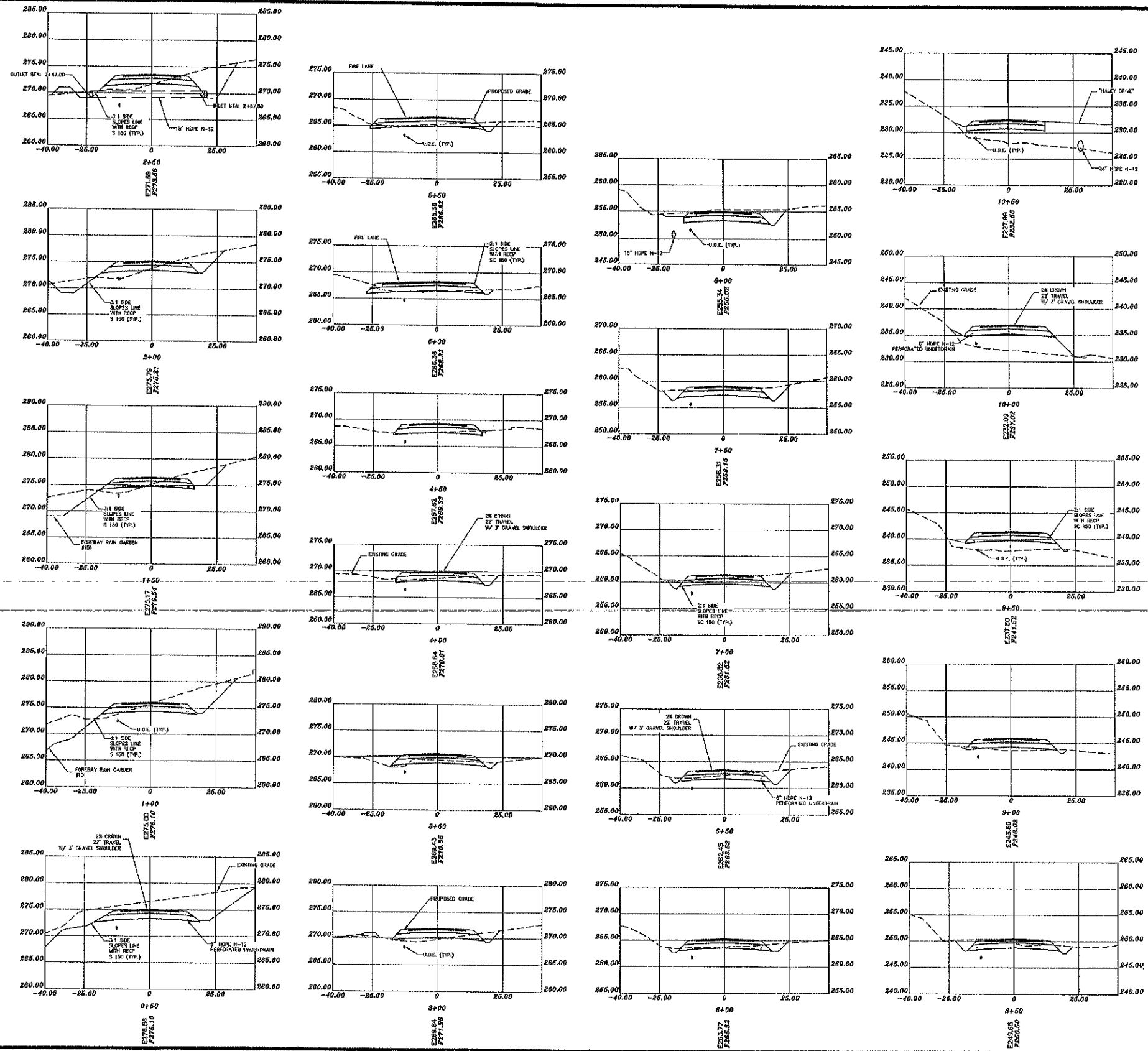
REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

ROADWAY ACCESS SMOKE STREET
LAND OF DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2883
SCALE: 1 IN. EQUALS 20 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
REGISTERED PROFESSIONAL ENGINEER

RWA-3



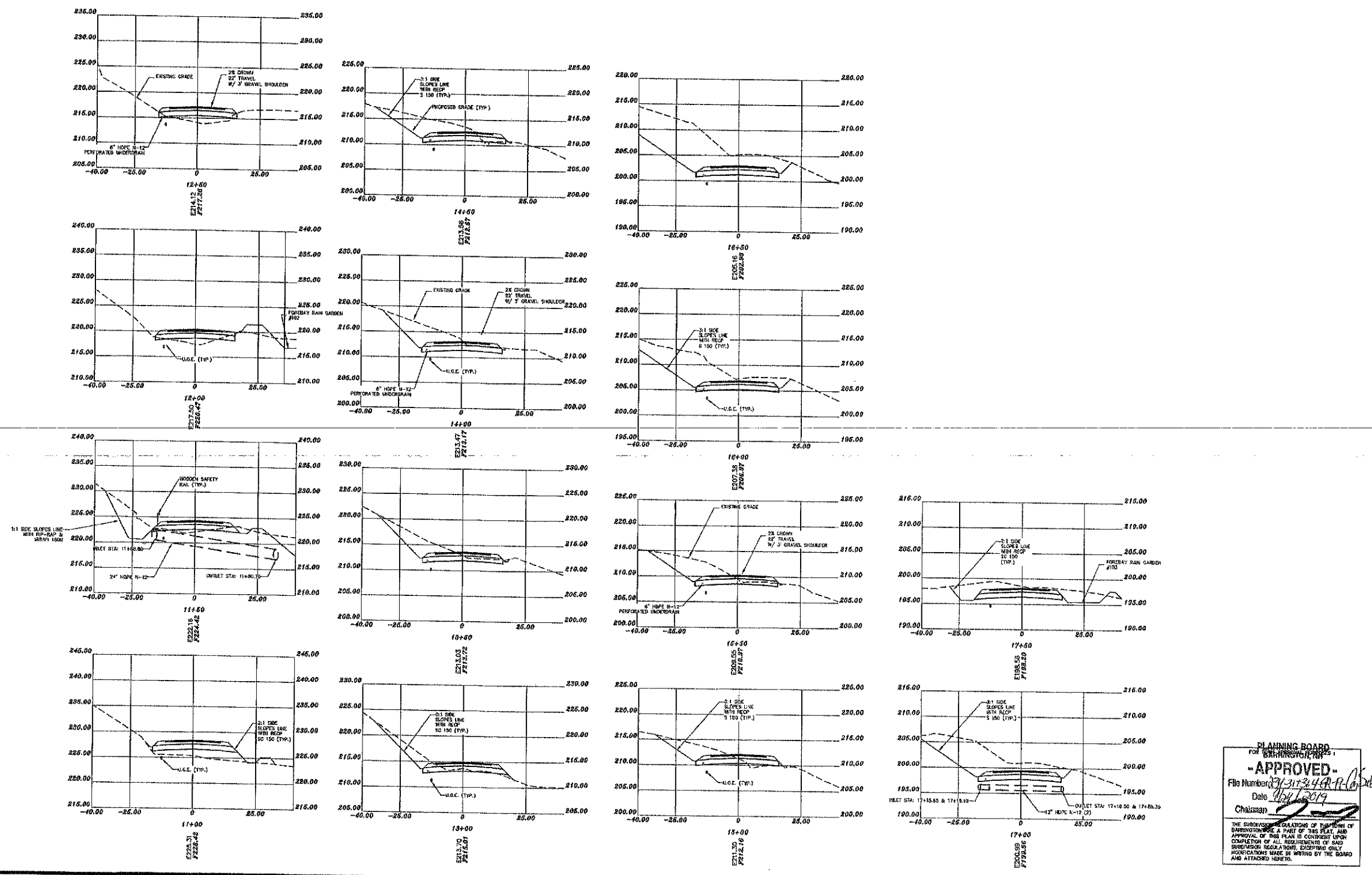
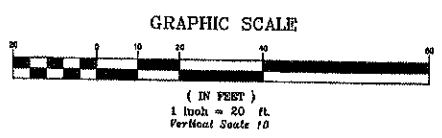
PLANNING BOARD
BARRINGTON, NH
FOR YOUR APPROVAL
APPROVED
File Number 874-319314-CR-17-0005
Date 3/12/2019
Chairman [Signature]

REVISION #	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AGT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

CROSS SECTIONS MEETINGHOUSE ROAD 0+50-10+50
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 287, 207S 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052





REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

CROSS SECTIONS MEETINGHOUSE ROAD 11+00-17+50
 LAND OF
 DONETTA HALEY
 OAK HILL ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 234, LOTS 37 & 37-4

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603) 332-2863
 SCALE : 1 IN. EQUALS 20 FT.
 DATE : MARCH 12, 2019
 FILE NO. : DB 2017 - 052

PLANNING BOARD
 for BARRINGTON, NH
-APPROVED-
 File Number: 2017-052-01
 Date: 4/16/2019
 Chairman: [Signature]

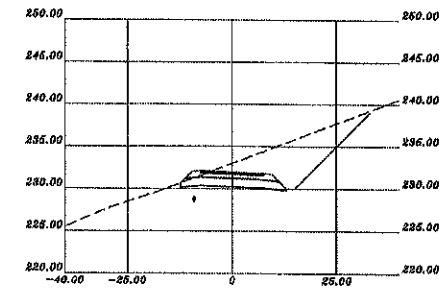


JASPER DRIVE CROSS SECTIONS 0+50-END

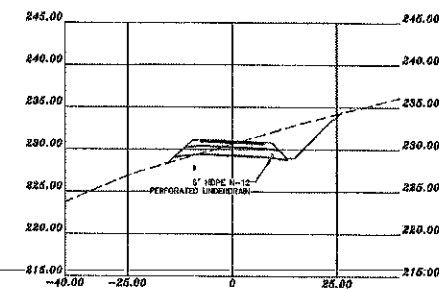
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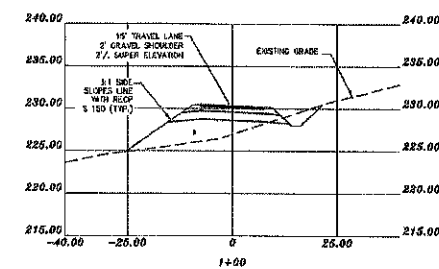
(IN FEET)
1 inch = 20 ft.
Vertical Scale 10



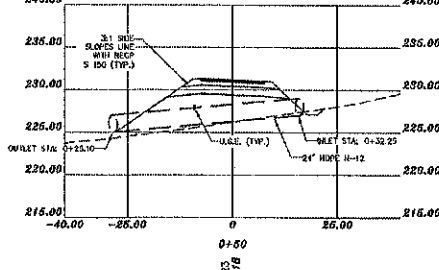
0+00
E222.99
P227.07



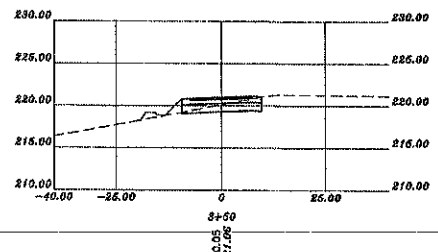
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E225.05
P227.01



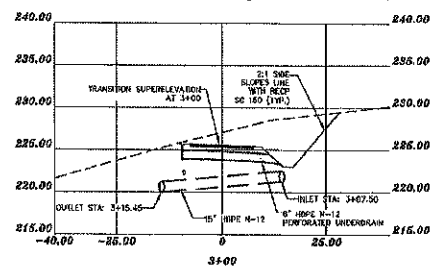
1+00
E226.56
P227.06



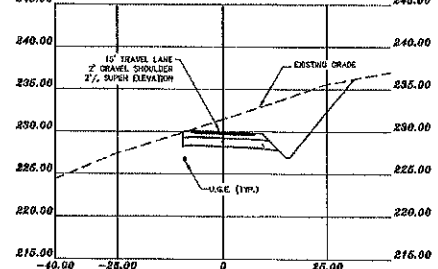
0+50
E225.25
P227.16



3+50
E220.05
P227.06



3+00
E222.07
P227.06



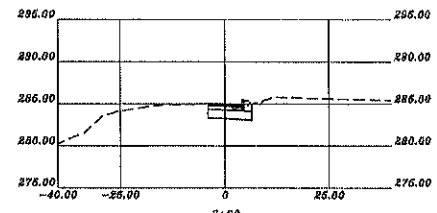
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P227.06

OAK HILL ROAD DECELERATION LANE CROSS SECTIONS 0+50-END

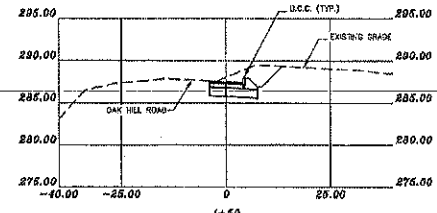
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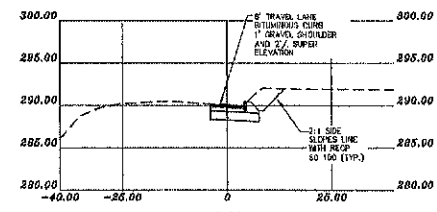
(IN FEET)
1 inch = 20 ft.
Vertical Scale 10



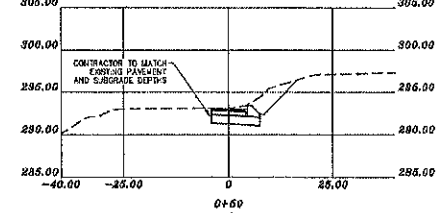
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P286.07



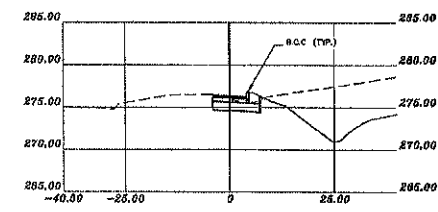
1+50
E288.05
P287.56



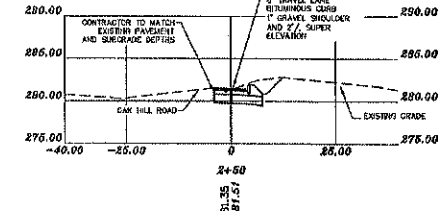
1+00
E290.15
P290.06



0+50
E292.05
P291.51



3+00
E276.01
P276.06



2+50
E280.35
P281.51

PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number 234-21231462-19
Date 9/14/2019
Chairman [Signature]

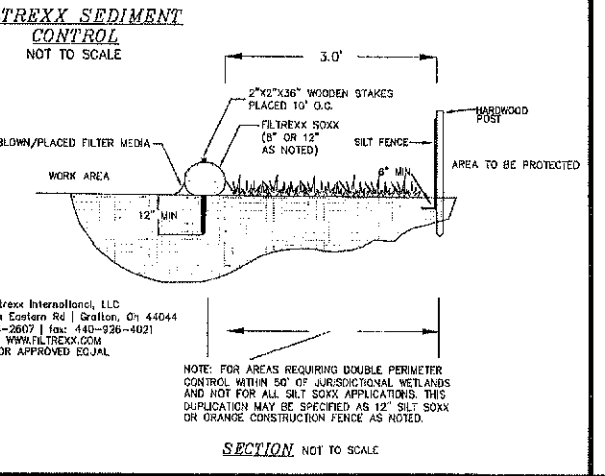
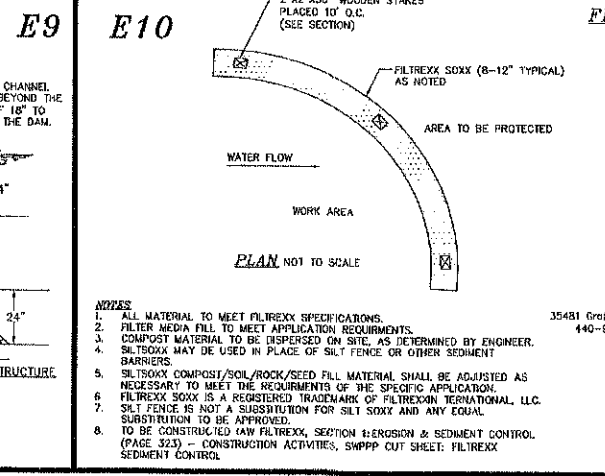
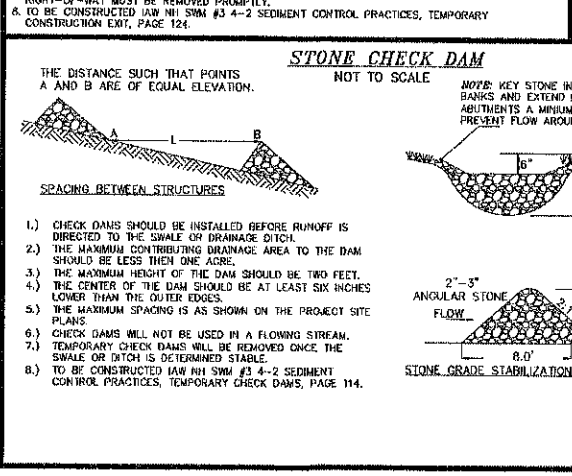
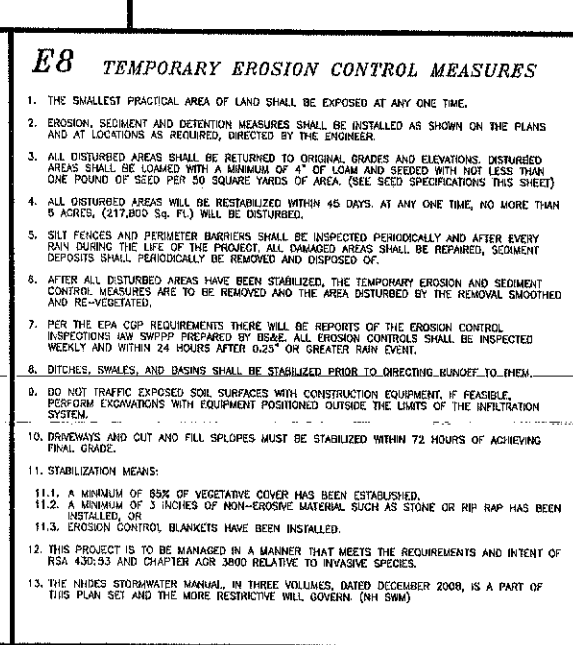
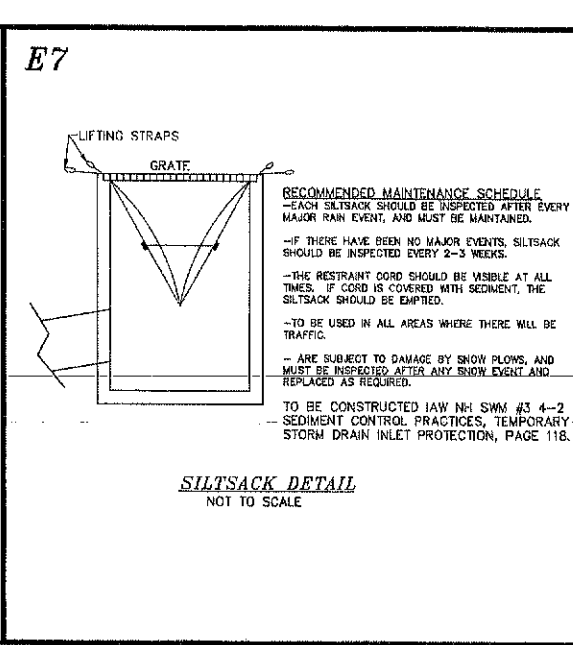
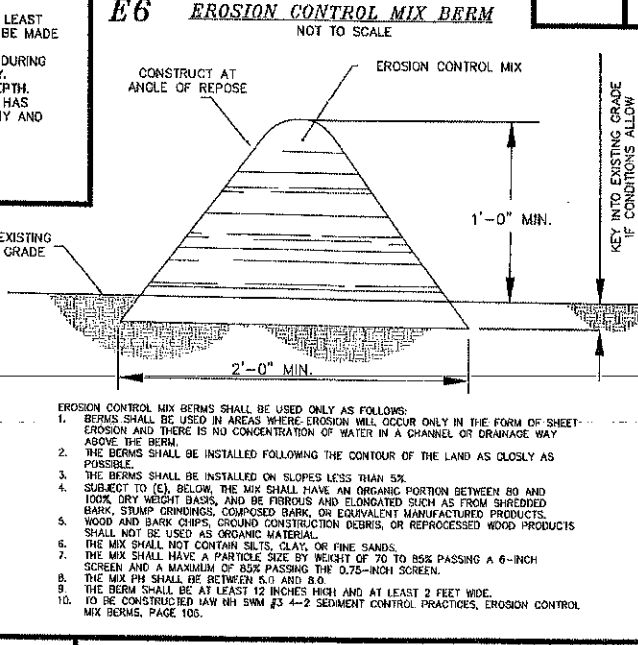
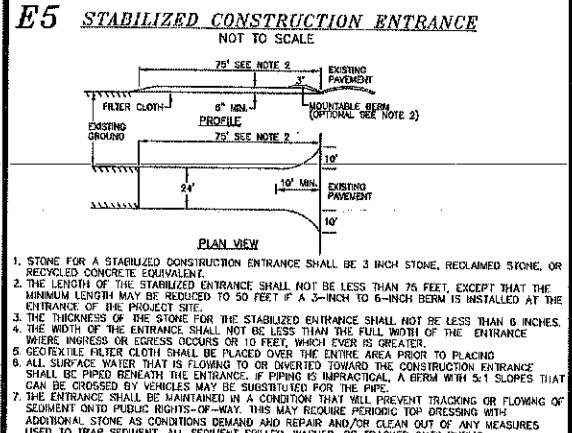
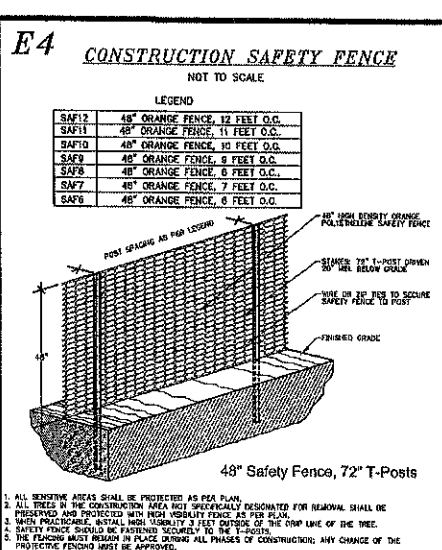
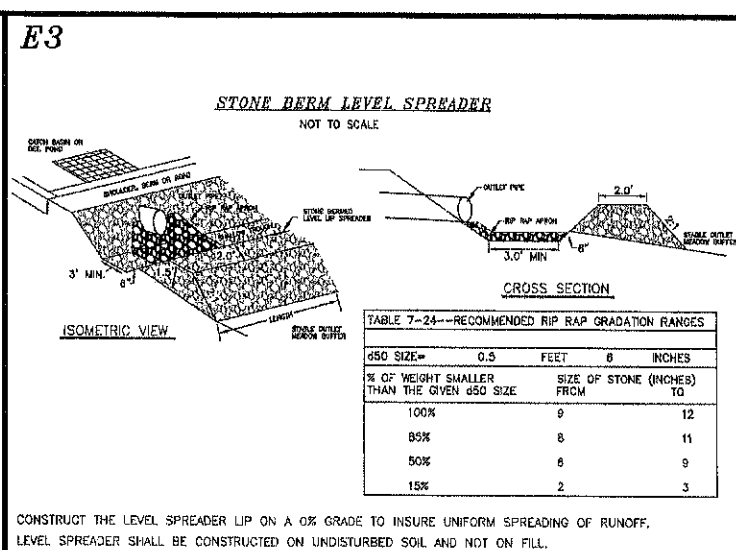
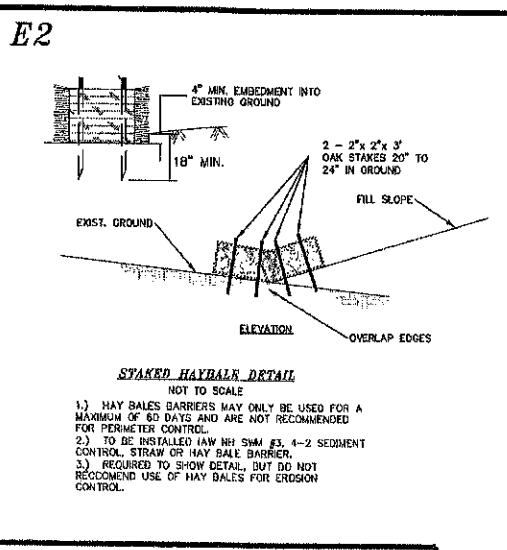
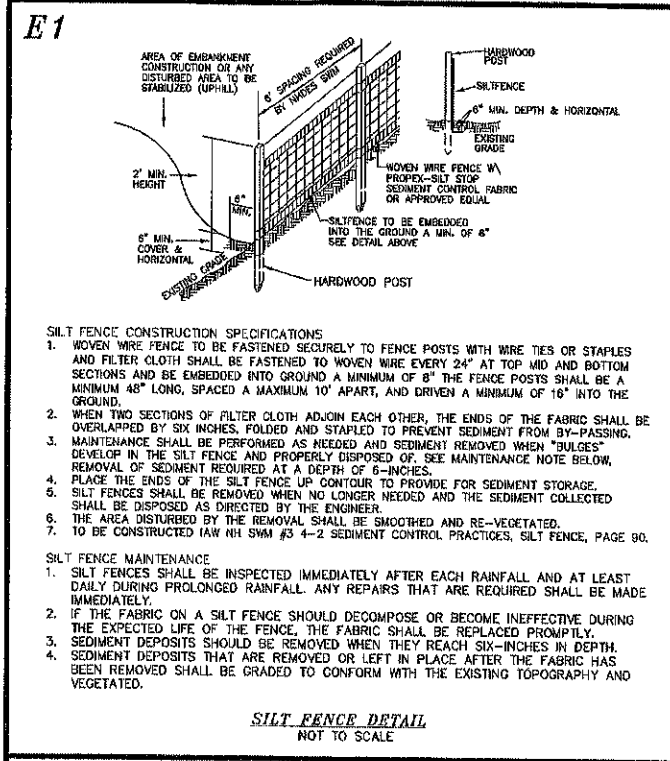
THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE BY THE BOARD AND ATTACHED HERETO.

REVISION #	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AGT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

CROSS SECTIONS JASPER DRIVE & OAK HILL ROAD DECELERATION LANE LAND OF DONETTA HALEY OAK HILL ROAD & MEETINGHOUSE ROAD BARRINGTON, NH TAX MAP 234, LOTS 31 & 31-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
REGISTERED PROFESSIONAL ENGINEER



REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER A&T REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

EROSION & SEDIMENT CONTROL DETAILS
LAND OFF DONETTA HALEY ROAD & MEETINGHOUSE ROAD BARRINGTON, NH
TAX MAP 284, LOTS 37 & 37-4

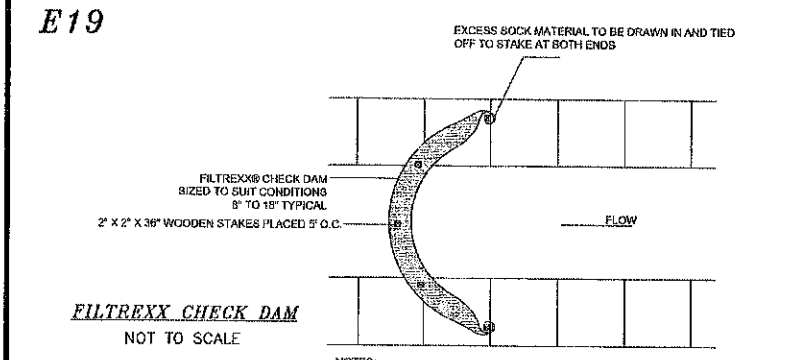
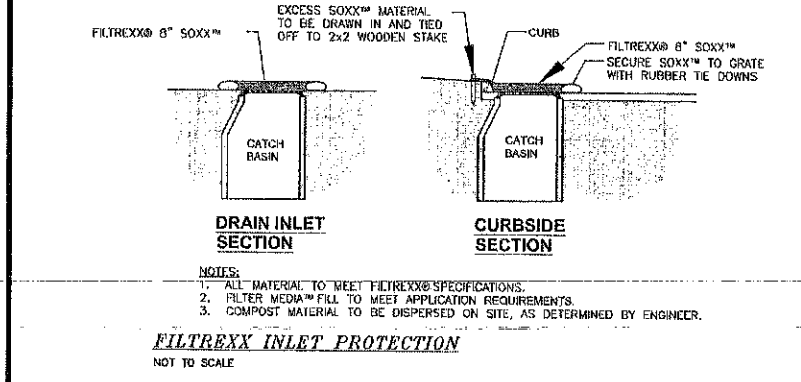
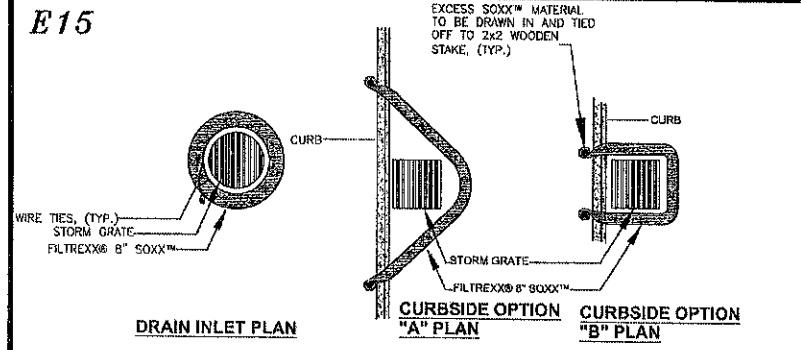
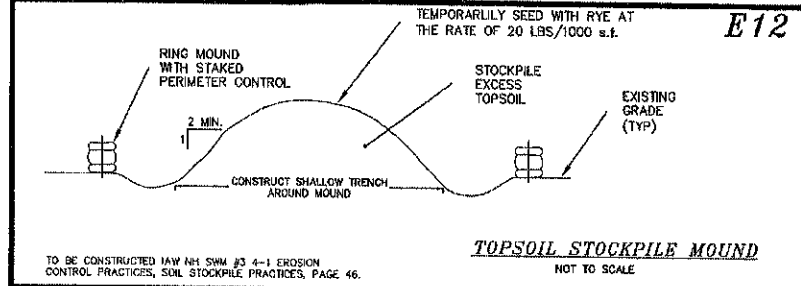
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603) 332-2863
SCALE: AS NOTED
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

PLANNING BOARD FOR BARRINGTON, NH
APPROVED
Date 3/12/2019
Chairman [Signature]

THE SUBMISSION, REVISIONS OF THE PLAN OF BARRINGTON ARE A PART OF THIS PLAN AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF EROSION REGULATION, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED MEMETA.

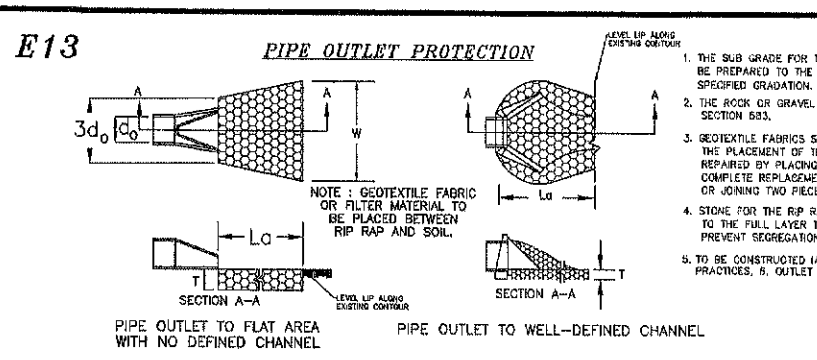
E-101

SHEET 33 OF 38



PLANNING BOARD
APPROVED
 File Number: 2019-017-014-02-11 (6) Sub
 Date: 7/11/2019
 Chairman: [Signature]

THE SUPERVISOR 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 SUPERVISOR REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



E16 SEEDING GUIDE

SIZE	SEEDING RATE (LBS/1000 S.F.)	QUANTITY	WELL DRAINAGE	MOISTURE	PLANTING	PLANTING
SWEEP CUTS AND 1/2" BUILT UP	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD
PERMANENT AND SPECIAL FLOWING WATER	4	1000	GOOD	GOOD	GOOD	GOOD

E16 SEEDING SPECIFICATIONS

- GRADING AND SHAPING
 - SLOPES SHALL NOT BE STEEPER THAN 2:1; 3:1 SLOPES OR FLATTER ARE PREFERRED. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.
 - SEEDING PREPARATION
 - SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
 - 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 SEED BED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDING SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
 - ESTABLISHING A STAND
 - 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(N), 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.)
- 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.
- REFER TO TABLE (E-1) THIS SHEET FOR APPROPRIATE SEED MIXTURES AND PLANTING SPECIFICATIONS. ALL LEGUMES (CROWFOOT, BIRDFOOT TREFOIL, AND FLATPEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
- WHEN SEEDS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.

E17 WINTER STABILIZATION NOTES

- 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" (EXCEPTOR'S CUREX 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 OCTOBER 15TH, ANY SNOW THAT ACCUMULATES ON DISTURBED AREAS SHALL BE REMOVED. PRIOR TO SPRING THAW ALL AREAS WILL BE STABILIZED, AS DIRECTED ABOVE.
- 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 WAITED 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.
- PRIOR TO OCTOBER 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVE. APPLICATION: IF THESE AREAS ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY GROWNED 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 OCTOBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
- 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.

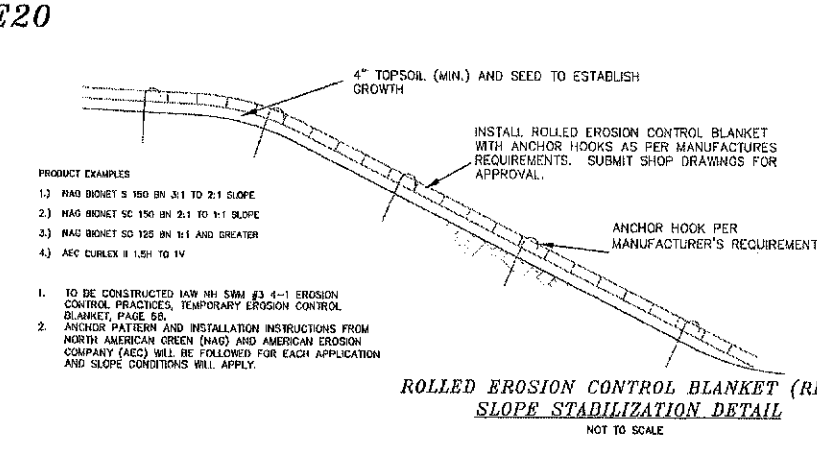
E18 DEFINITION OF STABLE:

PER ENV-WQ 1500 ALTERATION OF TERRAIN

- BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
- A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
- A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
- OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

ADDITIONAL STABILIZATION NOTES:

- HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEEDING AND MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
- DISTURBED SOIL AREAS SHALL BE EITHER TEMPORARILY OR PERMANENTLY STABILIZED. IN AREAS WHERE FINAL GRADING HAS NOT OCCURRED, TEMPORARY STABILIZATION MEASURES SHOULD BE IN PLACE WITHIN SEVEN (7) CALENDAR DAYS FOR EXPOSED SOIL AREAS THAT ARE WITHIN ONE HUNDRED (100) FEET OF A SURFACE WATER BODY OR A WETLAND AND NO MORE THAN 14 CALENDAR DAYS FOR ALL OTHER AREAS. PERMANENT STABILIZATION SHOULD BE IN PLACE WITHIN THREE (3) CALENDAR DAYS FOLLOWING COMPLETION OF FINAL GRADING OF EXPOSED SOIL AREAS.



E14 TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

450 SIZE=	0.5 FEET	6 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN 450 SIZE	SIZE OF STONE (INCHES) FROM	TO
100%	9	12
85%	8	11
50%	6	9
15%	2	3

TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

450 SIZE=	1.0 FEET	12 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN 450 SIZE	SIZE OF STONE (INCHES) FROM	TO
100%	18	24
85%	16	22
50%	12	18
15%	4	6

E18 DEFINITION OF STABLE:

PER ENV-WQ 1500 ALTERATION OF TERRAIN

- BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
- A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
- A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
- OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

ADDITIONAL STABILIZATION NOTES:

- HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEEDING AND MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
- DISTURBED SOIL AREAS SHALL BE EITHER TEMPORARILY OR PERMANENTLY STABILIZED. IN AREAS WHERE FINAL GRADING HAS NOT OCCURRED, TEMPORARY STABILIZATION MEASURES SHOULD BE IN PLACE WITHIN SEVEN (7) CALENDAR DAYS FOR EXPOSED SOIL AREAS THAT ARE WITHIN ONE HUNDRED (100) FEET OF A SURFACE WATER BODY OR A WETLAND AND NO MORE THAN 14 CALENDAR DAYS FOR ALL OTHER AREAS. PERMANENT STABILIZATION SHOULD BE IN PLACE WITHIN THREE (3) CALENDAR DAYS FOLLOWING COMPLETION OF FINAL GRADING OF EXPOSED SOIL AREAS.

E21 CONSTRUCTION SEQUENCE:

- CUT AND REMOVE TREES IN CONSTRUCTION AREA ONLY AS REQUIRED, RELOCATE ANY PROJECT T.B.M.
- CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT EROSION AND DETENTION CONTROL FACILITIES AS SPECIFIED. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL LAND DISTURBANCE AND MUST BE REVIEWED AND APPROVED BY THE COMMUNITY SERVICES DEPARTMENT.
- EROSION, SEDIMENT AND DETENTION CONTROL FACILITY SHALL BE INSTALLED & STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM. TEMPORARY DISPENSERS MAY BE REQUIRED. POST CONSTRUCTION STORM WATER MANAGEMENT PRACTICES MUST BE INITIATED AND STABILIZED EARLY IN THE PROCESS.
- CLEAR, CUT AND DISPOSE OF DEBRIS IN APPROVED FACILITY
- CONSTRUCT TEMPORARY WATER DIVERSIONS (SWALES, BASINS, ETC.) AS NEEDED UNTIL SITE IS STABILIZED.
- ALL BASINS AND SWALES ARE TO BE INSTALLED PRIOR TO ROUGH GRADING OF THE SITE. TEMPORARY WATER DIVERSION (SWALES, BASINS, ETC.) MUST BE USED AS NECESSARY UNTIL AREAS ARE STABILIZED.
- CONSTRUCT ROADWAYS FOR ACCESS TO DESIRED CONSTRUCTION AREAS. ALL ROADS SHALL BE STABILIZED IMMEDIATELY
- START BUILDING CONSTRUCTION
- INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. INSTALL RAIN GARDENS. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
- REMOVE PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEED OR MULCHED AS REQUIRED OR DIRECTED. NO AREA IS ALLOWED TO BE DISTURBED FOR A LENGTH OF TIME THAT EXCEEDS 45 DAYS BEFORE FINISHED GRADING. ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADES.
- CONSTRUCT TEMPORARY BERMS, DRAIN DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION. ALL SPMPP INSPECTIONS MUST BE CONDUCTED BY A QUALIFIED PROFESSIONAL SUCH AS A PROFESSIONAL ENGINEER (PE), A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORM WATER INSPECTOR (CESM), OR A CERTIFIED PROFESSIONAL STORM WATER QUALITY (CPWSQ). INSPECTION REPORTS SHALL BE SUBMITTED TO THE COMMUNITY SERVICES DEPARTMENT. INSPECTIONS SHALL BE CONDUCTED WEEKLY AND WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THROUGHOUT AND SITE IMPROVEMENTS ARE COMPLETE.
- SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
- FRESH PAVING ALL ROADWAYS.

REVISED PER NOTICE OF DECISION
 REVISIONS PER AOT REVIEW
 REVISIONS PER DB&K COMMENT

REVISION #	DATE	DESCRIPTION
9-23-19		
7-16-19		
5-14-19		

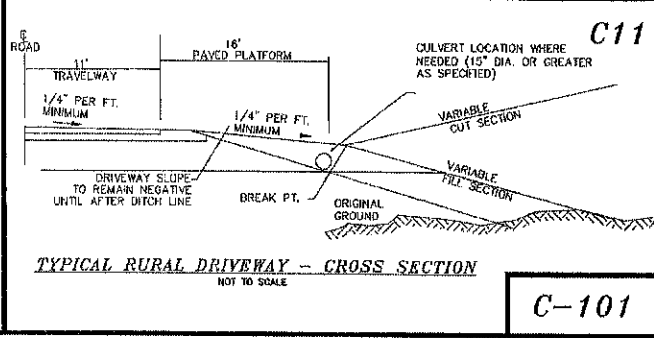
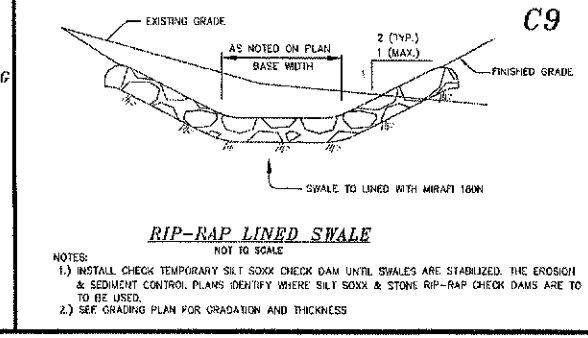
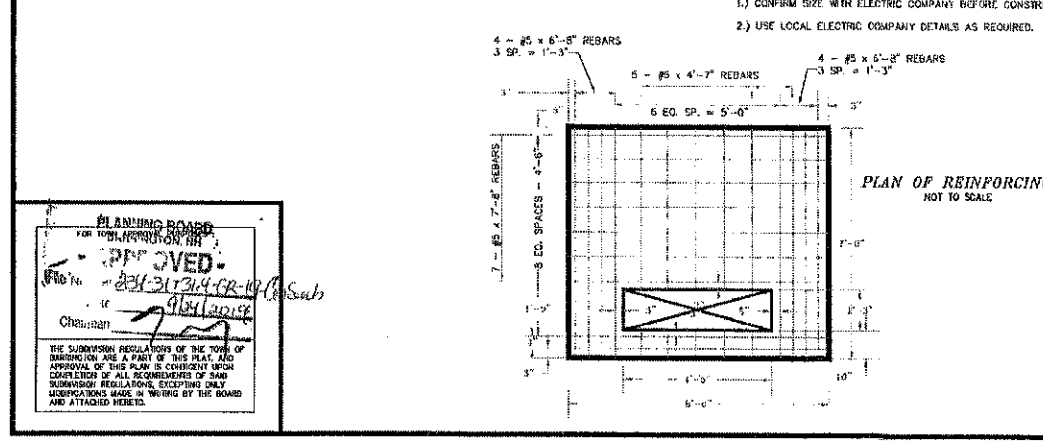
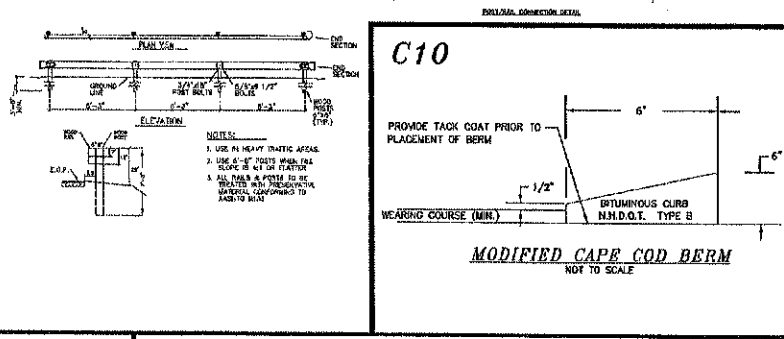
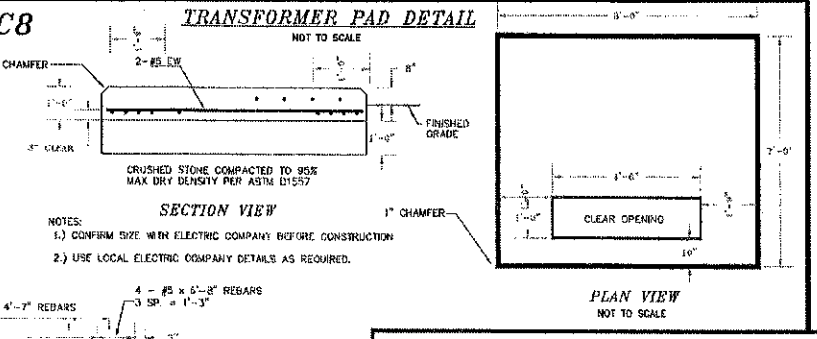
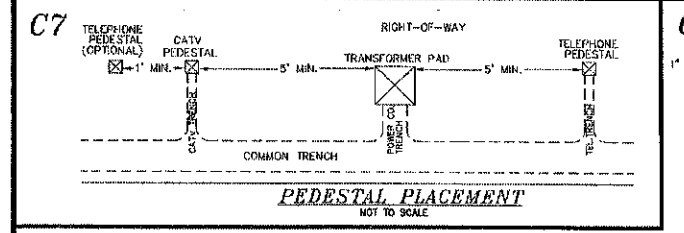
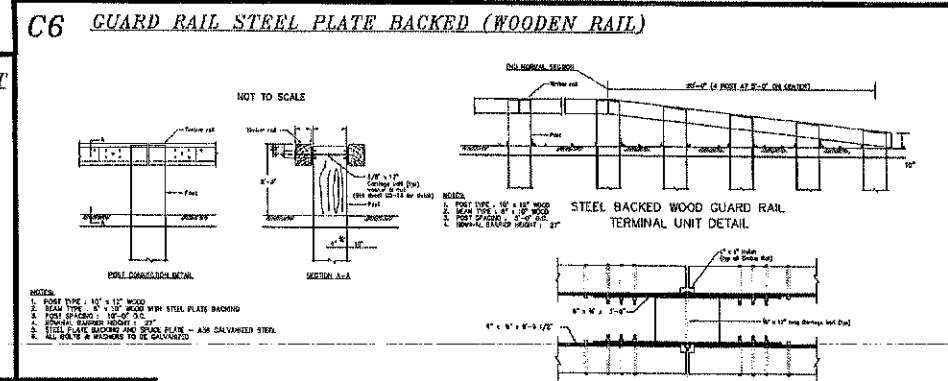
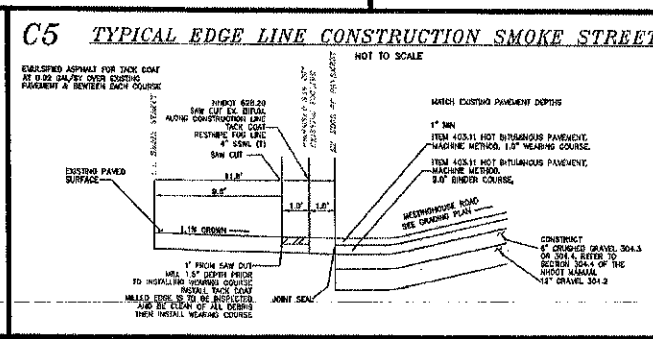
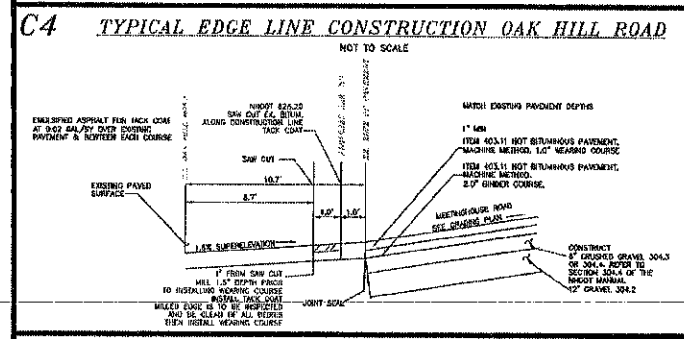
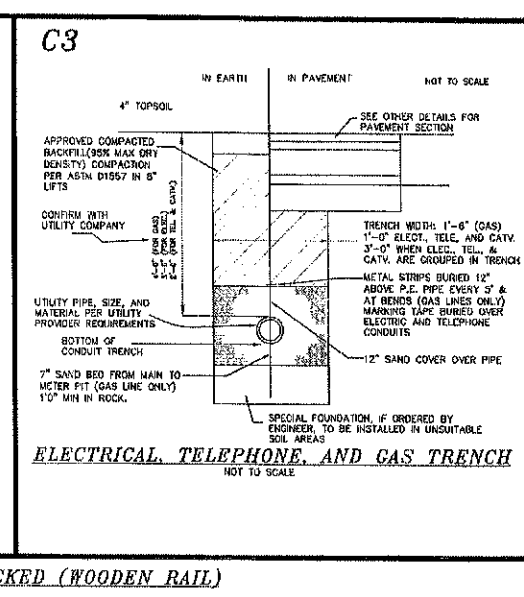
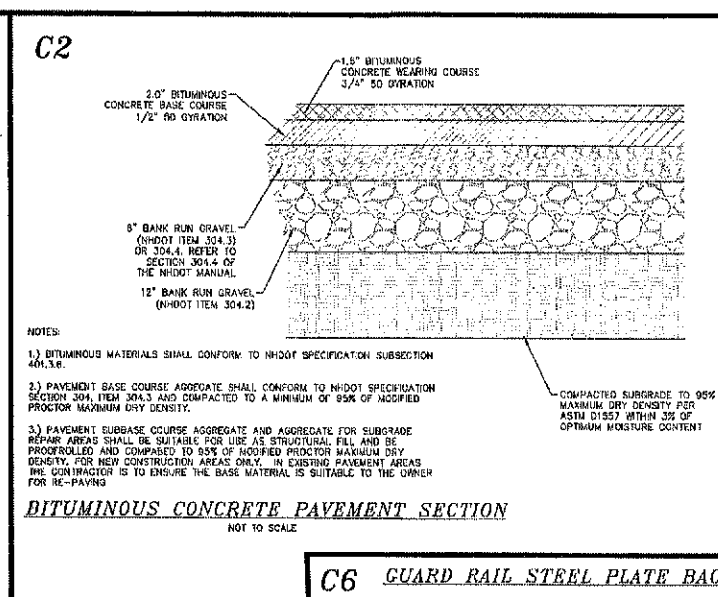
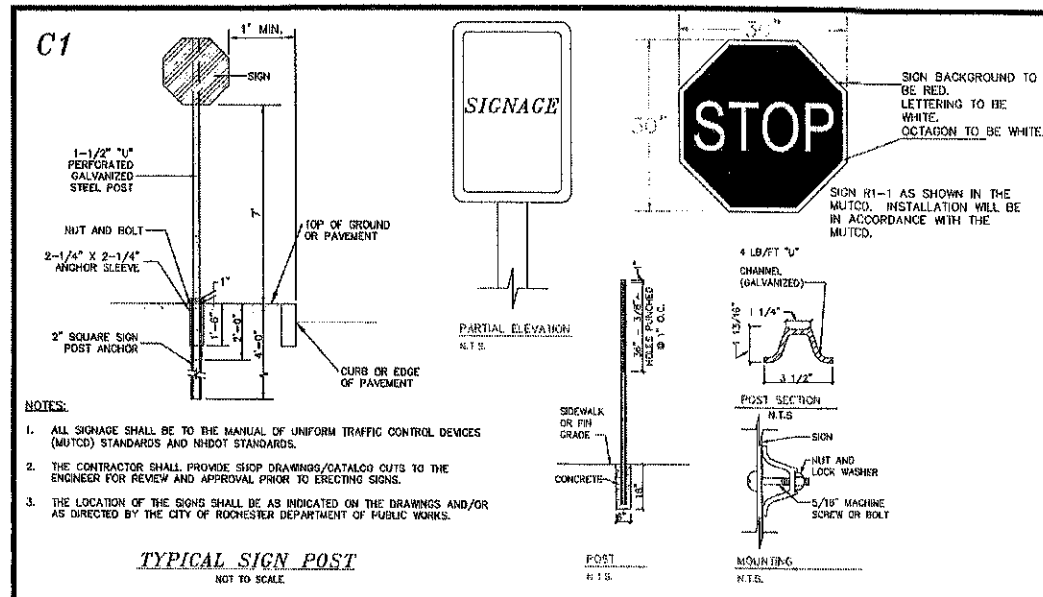
EROSION & SEDIMENT CONTROL DETAILS

LAND OF DONETTA HALEY
 ROAD & MEETINGHOUSE ROAD
 BARRINGTON, NH
 TAX MAP 284, LOTS 37 & 38-4

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863

SCALE: AS NOTED
 DATE: MARCH 12, 2019
 FILE NO.: DB 2017 - 052

STATE OF NEW HAMPSHIRE
 KENNETH A. BERRY
 REGISTERED PROFESSIONAL ENGINEER



PLANNING BOARD
FOR REVIEW AND APPROVAL
APPROVED
DATE: 2/17/2019
Chairman: [Signature]

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

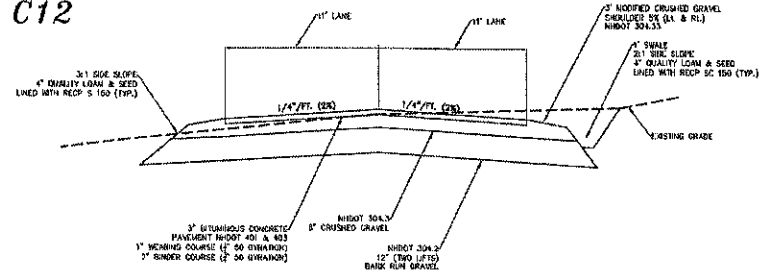
#3	#2A	#1	REVISION	DATE	DESCRIPTION
9-23-19	7-16-19	5-14-19			REVISED PER NOTICE OF DECISION REVISIONS PER AOT REVIEW REVISIONS PER DB&K COMMENT

CONSTRUCTION DETAILS
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 284, LOTS 37 & 37-4

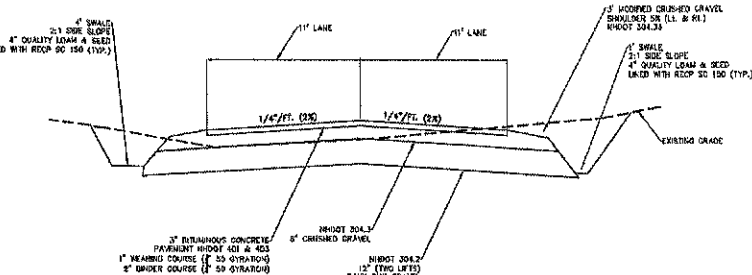
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 062

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
REGISTERED PROFESSIONAL ENGINEER

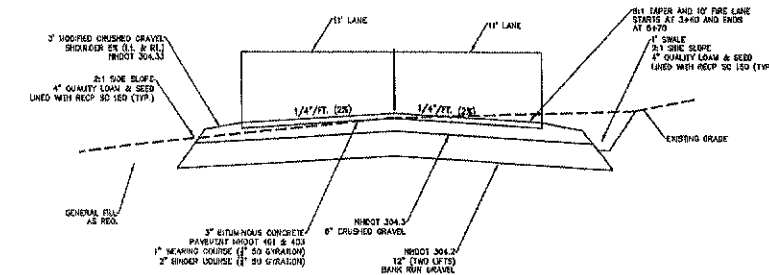
C12



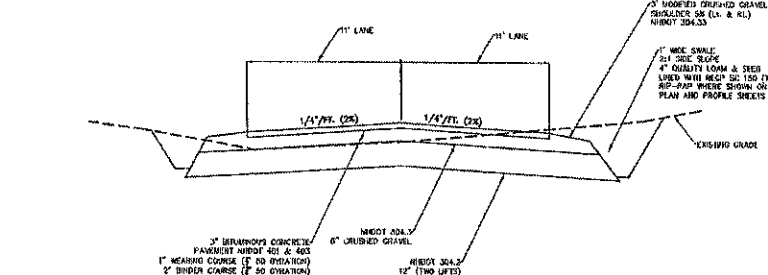
TYPICAL ROADWAY SECTION MEETINGHOUSE ROAD 0+10-2+50
NOT TO SCALE



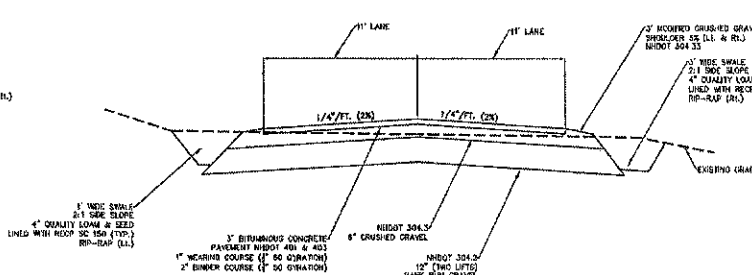
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NOT TO SCALE



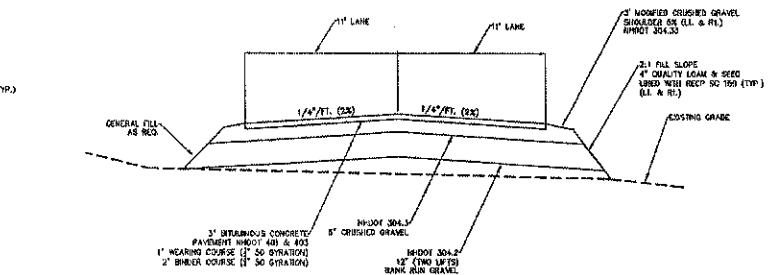
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NOT TO SCALE



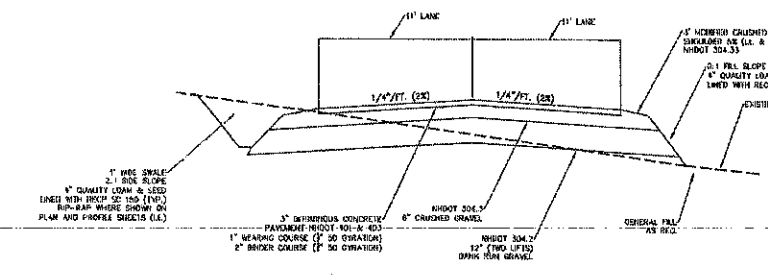
TYPICAL ROADWAY SECTION MEETINGHOUSE ROAD 5+85-10+65
NOT TO SCALE



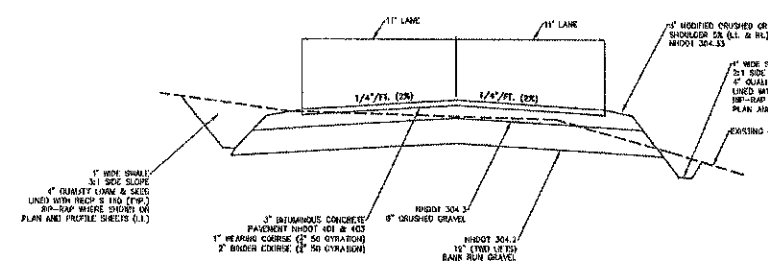
TYPICAL ROADWAY SECTION MEETINGHOUSE ROAD 0+65-11+50
NOT TO SCALE



TYPICAL ROADWAY SECTION MEETINGHOUSE ROAD 11+50-12+75
NOT TO SCALE



TYPICAL ROADWAY SECTION MEETINGHOUSE ROAD 12+75-14+20
NOT TO SCALE



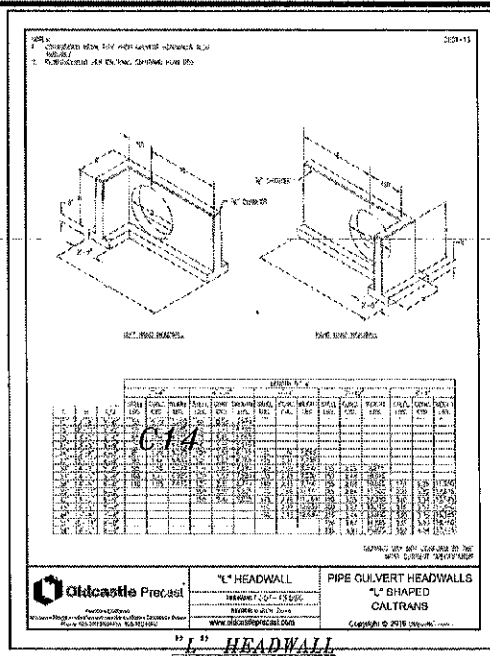
TYPICAL ROADWAY SECTION MEETINGHOUSE ROAD 14+20-17+77
NOT TO SCALE

CROSS SECTION NOTES

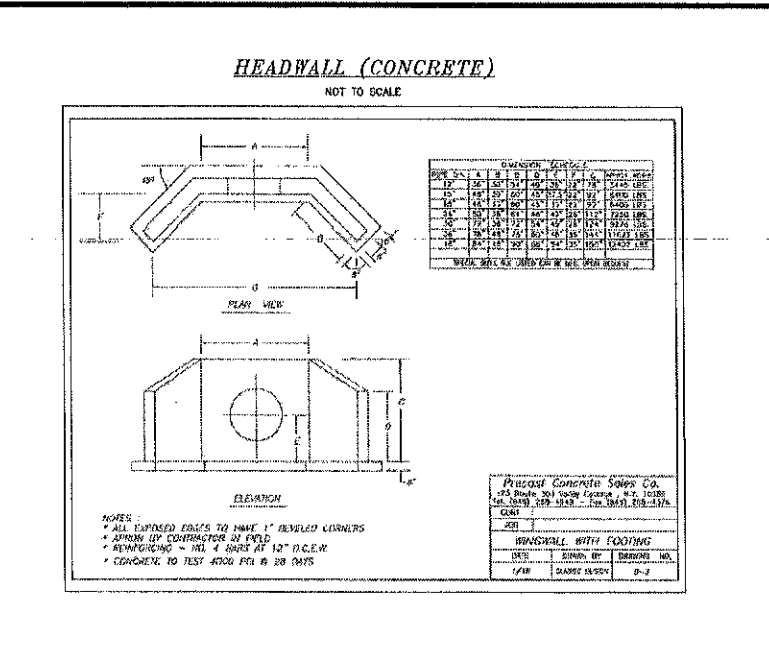
1. ALL ROADWAY FILL TO BRING ROAD TO SUBGRADE SHALL BE INSTALLED IN LIFTS NO GREATER THAN 12".
2. ALL FILL SHALL BE COMPACTED UNTIL 95% MAXIMUM DRY DENSITY IS ACHIEVED IN ACCORDANCE WITH MASHD T99. COMPACTION TESTS TO BE CONDUCTED AT THE START OF THE PROJECT AND NO FURTHER THAN 100 FEET APART.
3. GUARD RAIL REQUIRED AS NOTED ON PLAN & PROFILE SHEETS.
4. TEST PITTING WAS DONE WITHIN THE ROADWAY ALIGNMENT BY STONEY RIDGE ENVIRONMENTAL, AND NO UNSUITABLE MATERIALS WERE ENCOUNTERED IN THOSE TEST PITS.
5. ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE ROAD BED. THE ROAD BED IS DEFINED AS THE LIMITS OF THE ROADWAY INCLUDING THE ARE ONE (1) FOOT BEYOND THE SHOULDERS, DICHES, OR TOE OF FILL SLOPE.

COMPACTED SUBGRADE - CONTRACTOR SHALL SCARIFY SUBGRADE TO A DEPTH OF 30 INCHES BELOW F-GRADE. ALL STONES GREATER THAN 6" IN DIAMETER SHALL BE REMOVED FROM THE SCARIFIED LAYER. ANY IMPORTED FILL SHALL BE FREE OF ORGANICS AND FROST AND SHALL HAVE NO ROCKS LARGER THAN 6" IN DIAMETER. FILL MATERIAL SHALL BE APPROVED BY THE TOWNS AGENT AND/OR THE TOWNS ENGINEER.

C13



C14

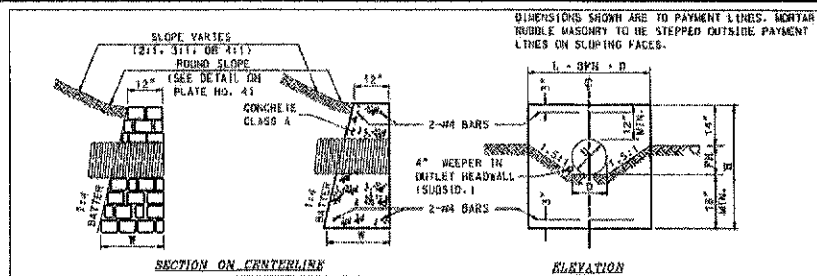


C15

HEADWALL (MASONRY)
NOT TO SCALE

DIAMETER	12"	15"	18"	24"	30"
LENGTH	3'-2"	3'-10"	5'-2"	7'-2"	9'-2"
CONC. (Cu.Yd.)	0.61	0.85	1.13	1.78	2.58
STEEL (Lbs.)	9	11	14	20	25

ALL STEEL SHALL BE #5 REINFORCING STEEL, SPACED @ 12" ON CENTER SEE NHDOT DETAIL HW-1



FOR THE APPROVAL OF THE PLANNING BOARD BARRINGTON, NH
- APPROVED -
File Number: 2017-214-PA
Date: 2/21/18

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
REGISTERED PROFESSIONAL ENGINEER

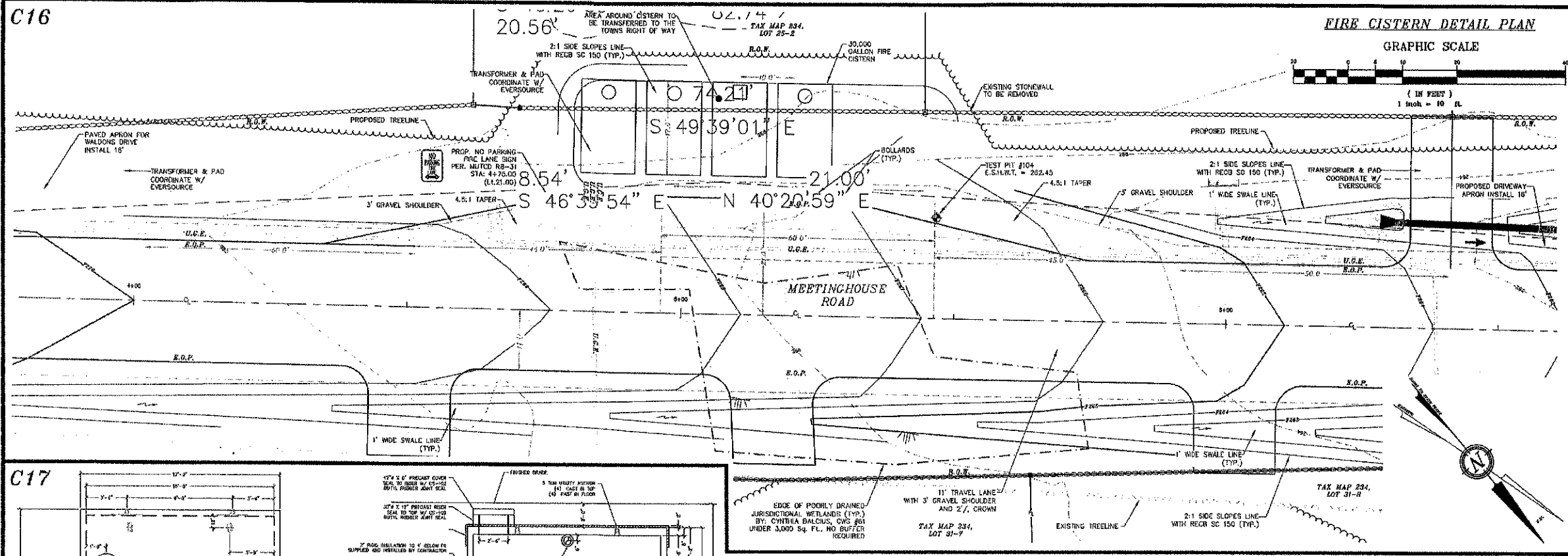
C-102

#3	REVISION	DATE	DESCRIPTION
9-23-19			REVISED PER NOTICE OF DECISION
7-16-19			REVISIONS PER AOT REVIEW
5-14-19			REVISIONS PER DB&K COMMENT
#1			

CONSTRUCTION DETAILS
LAND OF DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 204, 205 & 81-4

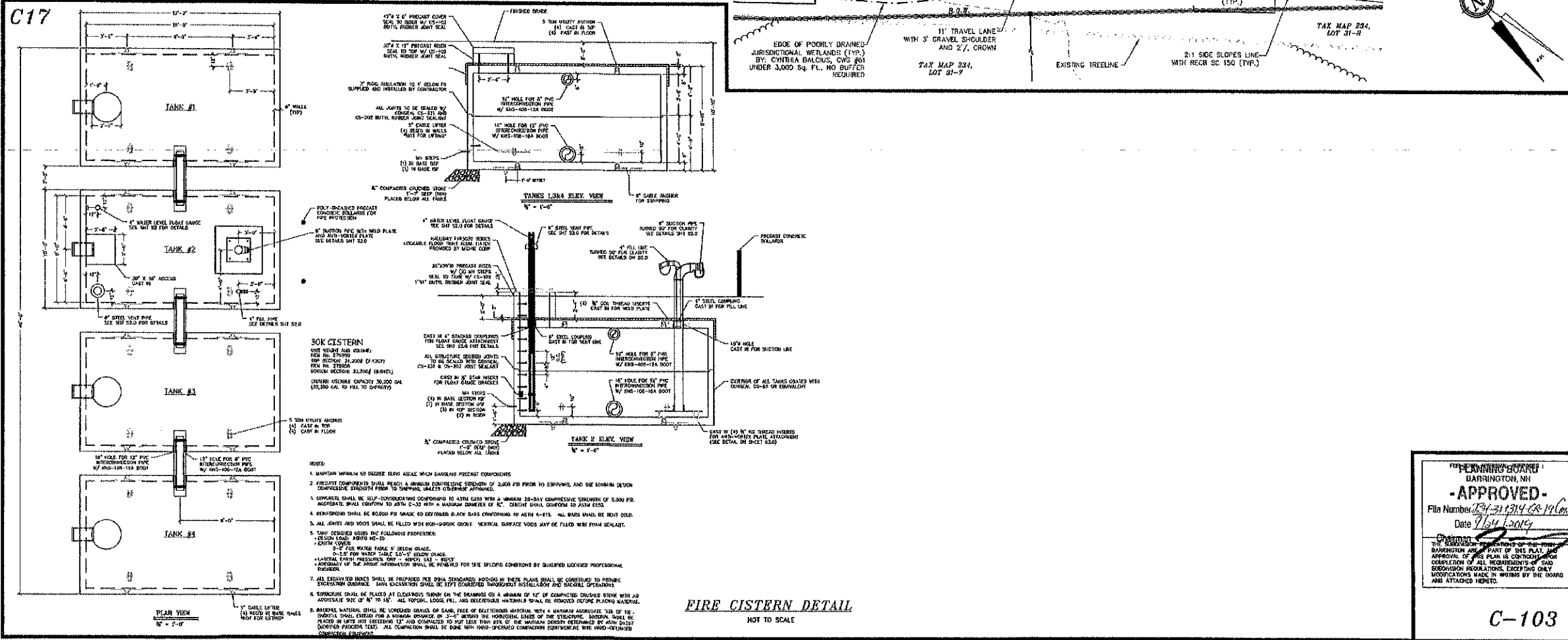
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)532-2863
SCALE: AS NOTED
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

C16



FIRE CISTERN DETAIL PLAN
GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft

C17



FIRE CISTERN DETAIL
NOT TO SCALE

REVISION	DATE	DESCRIPTION
#3	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DB&K COMMENT

CONSTRUCTION DETAILS (FIRE CISTERN)
LAND OF
DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
TAX MAP 234, LOTS 37 & 38-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

FOR PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number: 2019-01314 CR-196
Date: 7/24/2019



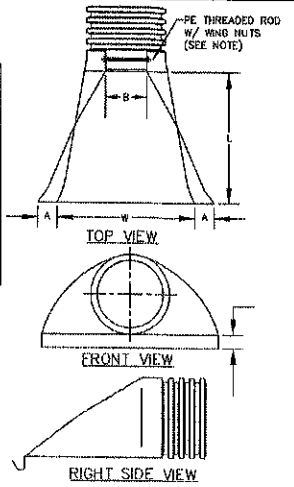
C-103

D1

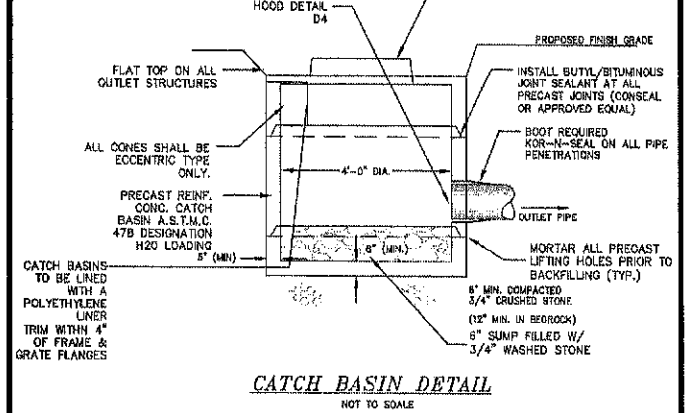
PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1510-NP	15" 375 mm	8.5" 165 mm	10" 254 mm	8.5" 165 mm	25" 635 mm	29" 735 mm
1810-NP	18" 450 mm	10" 190 mm	12" 305 mm	10" 190 mm	32" 812 mm	35" 890 mm
2410-NP	24" 600 mm	13" 190 mm	18" 450 mm	13" 190 mm	36" 900 mm	45" 1140 mm
3010-NP	30" 750 mm	16.5" 266 mm	N/A	16.5" 266 mm	53" 1345 mm	68" 1725 mm
3610-NP	36" 900 mm	20" 266 mm	N/A	20" 266 mm	53" 1345 mm	68" 1725 mm

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

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



D2



CATCH BASIN DETAIL
NOT TO SCALE

D3

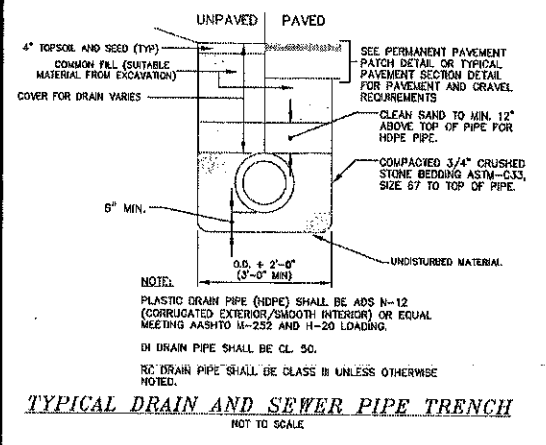
Manhole Castings

Rexus Ductile Iron Frame & Cover

CATCH BASIN FRAME AND GRATE WILL BE REXUS, OR APPROVED EQUAL, 24 INCH OPENING, DUCTILE IRON, H20 LOADING.

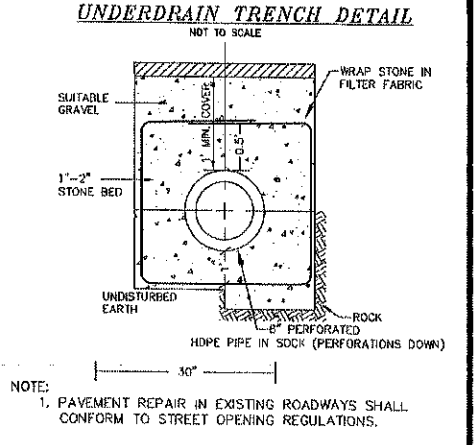
CATCH BASIN GRATE
NOT TO SCALE

D4



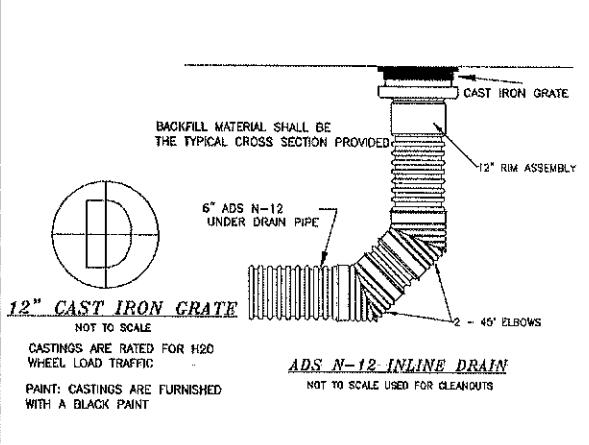
TYPICAL DRAIN AND SEWER PIPE TRENCH
NOT TO SCALE

D5



UNDERDRAIN TRENCH DETAIL
NOT TO SCALE

D6



ADS N-12 INLINE DRAIN
NOT TO SCALE USED FOR CLEANOUTS

D7

1. TRAP TO BE INSTALLED AS CLOSE TO THE DISTURBED AREA OR SOURCE OF SEDIMENT AS POSSIBLE.

2. THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE TRAP SHALL BE LESS THAN 3 ACRES.

3. THE MINIMUM VOLUME OF THE TRAP SHALL BE 3,800 CUBIC FEET OF STORAGE FOR EACH ACRE OF DRAINAGE AREA.

4. THE SIDE SLOPES OF THE TRAP SHALL BE 3:1 OR FLATTER AND SHALL BE STABILIZED IMMEDIATELY AFTER THEIR CONSTRUCTION.

5. THE OUTLET OF THE TRAP SHALL BE A MINIMUM OF ONE FOOT BELOW THE CREST OF THE TRAP AND SHALL DISCHARGE TO A STABILIZED AREA.

6. THE TRAP SHALL BE CLEANED WHEN 50 PERCENT OF THE ORIGINAL VOLUME IS FILLED.

7. THE MATERIALS REMOVED FROM THE TRAP SHALL BE PROPERLY DISPOSED OF AND STABILIZED.

STONE LINED SEDIMENT TRAP

SEWE DESIGNATION	SIZE OF STONE (INCHES)
100%	12
94-100%	8
89-93%	3
42-85%	1
6-12%	NO. 4

D8

ANGLE GRATE
NOT TO SCALE

NOTE: MUST BE MAALA INDUSTRIES INC. OR EQUAL.

Angle Grates For Manholes

AG0808-50 Part No. AG0808-50

Angle Grates are designed to cover manhole openings and prevent debris from entering the sewer system. The top angled design helps to reduce the amount of debris that settles on top of the manhole. All grates are made of heavy steel for a clean smooth contact surface.

- Plastic design for a clean appearance.
- Secondary 2" opening (other sizes can be made).
- Angled top surface to prevent debris from settling.
- Mounting flanges on 3 sides allow grates to be installed on manhole openings.
- Galvanized steel construction. Coat to match the surrounding manhole structure.

D9

CONE GRATE
NOT TO SCALE

NOTE: MUST BE MAALA INDUSTRIES INC. OR EQUAL.

Cone Grates Top Mount

CG121M Part No. CG121M

Top Mount Cone Grates are designed to prevent debris from entering the sewer system. The top of the grate is made of heavy steel and is designed to be easy to install and remove. All grates are made of heavy steel for a clean smooth contact surface.

- Place and top design to prevent debris from settling.
- Made from 1/2" plate with 1/2" or 1" raised lips depending on grate size.
- All grates are made of heavy steel.
- Angled top surface to prevent debris from settling.
- Galvanized steel construction. Coat to match the surrounding manhole structure.

D10

48" MANHOLE ROUND EXTENDED BASE
NOT TO SCALE

SHEA

D11

60" MANHOLE RECTANGLE EXTENDED BASE
NOT TO SCALE

SHEA

D12

60" MANHOLE RECTANGLE EXTENDED BASE
NOT TO SCALE

SHEA

PLANNING BOARD
BARRINGTON, NH

-APPROVED-

Date: 3/12/2019

D-101

REVISION	DATE	DESCRIPTION
#5	9-23-19	REVISED PER NOTICE OF DECISION
#2A	7-16-19	REVISIONS PER AOT REVIEW
#1	5-14-19	REVISIONS PER DE&K COMMENT

DRAINAGE DETAILS
LAND OF DONETTA HALEY
OAK HILL ROAD & MEETINGHOUSE ROAD
BARRINGTON, NH
PLAN MAP 234, LOTS 23 & 24-4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

SCALE: AS NOTED
DATE: MARCH 12, 2019
FILE NO.: DB 2017 - 052

STATE OF NEW HAMPSHIRE
KENNETH BERRY
No. 11243
PROFESSIONAL ENGINEER