RESIDENTIAL SITE PLAN
FOR
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 16

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PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-1 amend SR
Date 4/6/2021
Chairman

OWNER: DREW POND, LLC
242 CENTRAL AVENUE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVENUE
DOVER, NH 03820

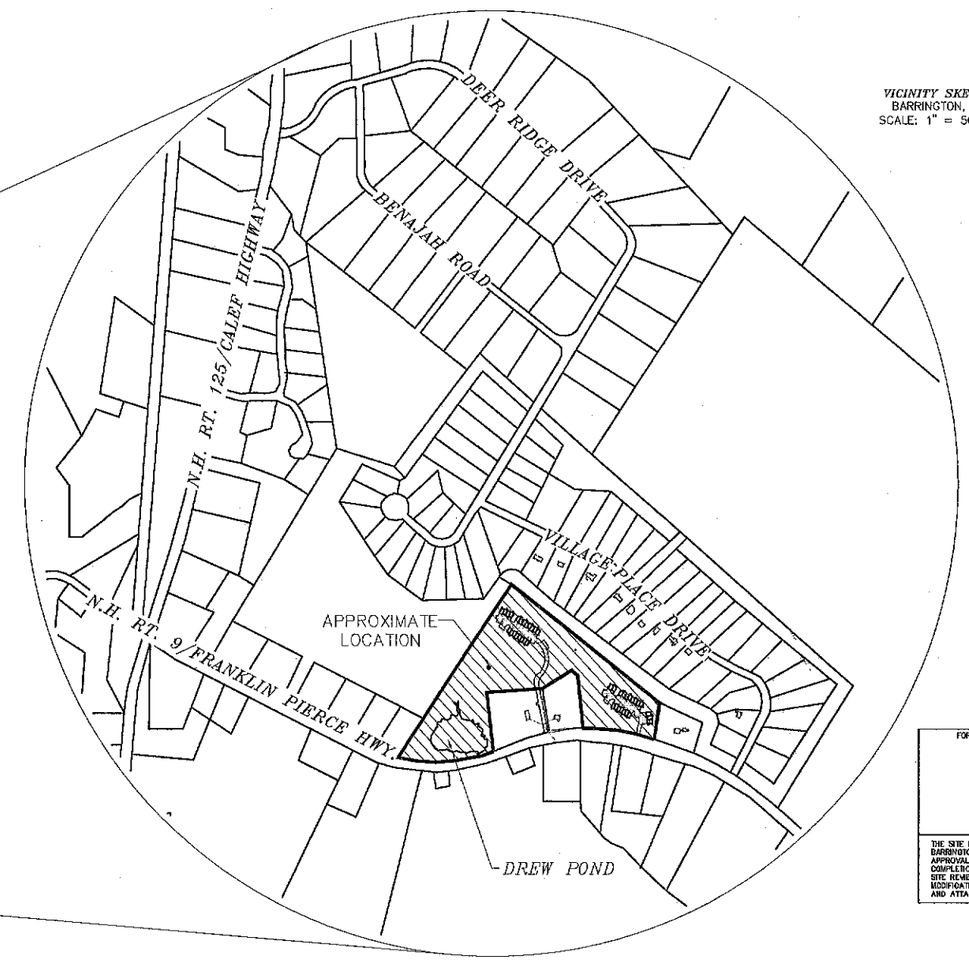
SURVEYOR OF RECORD: KENNETH A. BERRY, PE, LLS
CPESC, CESSWI, CPSWQ
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825
(603) 332–2863

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

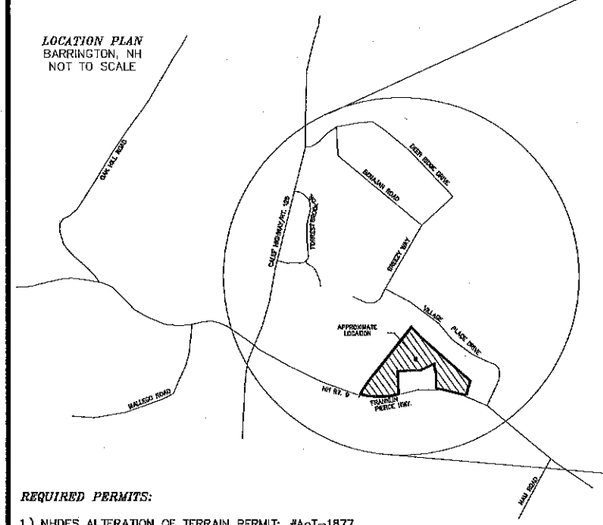
WETLANDS / SOILS SCIENTIST:
STONEY RIDGE ENVIRONMENTAL
CYNTHIA M. BALCIUS, CSS, CWS, CPESC
229 PROSPECT MOUNTAIN ROAD
ALTON, NH 03809
(603) 776–5825

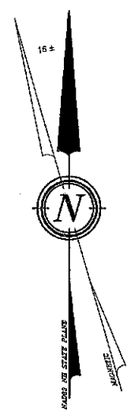
REVISION	DATE	DESCRIPTION
#6	1–8–21	REVISED PER NHDOT RPMI COMMENT
#5	10–27–20	REVISED PER AoT RPMI COMMENT
#4A	9–23–20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10–15–19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10–14–19	REVISED PER AoT APPLICATION
#1	9–25–19	REVISED PER DB&K COMMENT

VICINITY SKETCH
BARRINGTON, NH
SCALE: 1" = 500' ±



LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE





FOR TOWN APPROVAL PURPOSES :

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

RESIDENTIAL SITE PLAN
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : AS SHOWN
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE LICENSED LAND SURVEYOR No. 805 KENNETH A. BERRY

STATE OF NEW HAMPSHIRE KENNETH A. BERRY No. 10743 LICENSED PROFESSIONAL ENGINEER

REQUIRED PERMITS:

1.) NHDES ALTERATION OF TERRAIN PERMIT: #AoT–1877
2.) NHDES SUBSURFACE DISPOSAL PERMIT: #WN202101469
3.) NATURAL HERITAGE BUREAU: #NHB19–1010
4.) DIVISION OF HISTORICAL RESOURCES: #10630
5.) NHDES PUBLIC WATER SUPPLY: CONCEPT APPROVAL #DRC05550
6.) NHDOT DRIVEWAY PERMIT: #06–027–565

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.

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.

NOTE:

BERRY SURVEYING & ENGINEERING HAS PREPARED AN INSPECTION & MAINTENANCE MANUAL AS PART OF THIS PROJECTS 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.

ABBREVIATION LEGEND:

BITUM.	BITUMINOUS
E.O.P.	EDGE OF PAVEMENT
S.G.C.	SLOPED GRANITE 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
RECB	ROLLED EROSION CONTROL BLANKET
F.G.	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
F.F	FINISHED FLOOR
L.F.	LINEAR FEET
D.F.	DAILY FLOW

| | 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)

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-AmendSR
Date 4/6/2021
Chairman [signature]

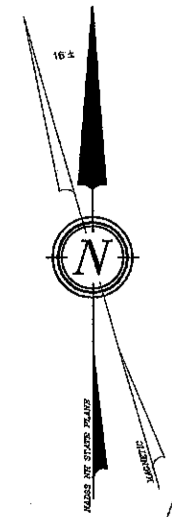
EXISTING LEGEND:

DRILL HOLE ~FND~
IRON PIPE ~FND~
IRON BOUND ~FND~
ANGLE IRON ~FND~
NHHD GRANITE BOUND ~FND~
UTILITY POLE/GUY WIRE
CATCH BASIN (CB)
TEST PIT
TEMPORARY BENCHMARK (T.B.M.)
BLAZED/PAINTED TREE
POORLY DRAINED JURISDICTIONAL WETLAND LINE
VERY POORLY DRAINED WETLAND LINE / PRIME WETLAND
BUILDING SETBACK LINE
EASEMENT LINE
WETLAND SETBACK 50' TO POORLY DRAINED
WETLAND SETBACK 100' TO VERY POORLY DRAINED
STONE WALL
STONE WALL REMAINS
NRCS SOIL DELINEATION LINE
SITE SPECIFIC SOIL LINE
LIMIT OF SOIL SURVEY
OVERHEAD UTILITIES LINE
EXISTING DRAIN CULVERT
CONTOUR MINOR, EXISTING
CONTOUR MAJOR, EXISTING

448A	SOIL SERIES
CsB	NRCS SOIL LABEL
S.C.R.D.	STRAFFORD COUNTY REGISTRY OF DEEDS
TYP.	TYPICAL
FND	FOUND

PROPOSED LEGEND:

UTILITY POLE
LIGHT TYPE "A" MOUNTED ON BUILDING
LIGHT TYPE "B" MOUNTED ON BUILDING
LIGHT TYPE "C" MOUNTED LIGHT POLE
SEWER MANHOLE W/ STRUCTURE
DRAIN MANHOLE W/STRUCTURE
CATCH BASIN
SIGNAGE
CHECK DAM—MATERIAL AS SPECIFIED
FLOW ARROW
WELL
TEMPORARY BENCHMARK (T.B.M.)
E101 / E8 — DETAIL SHEET / DETAIL
MATCH POINT
MATCH LINE
CONTOUR MINOR, PROPOSED
CONTOUR MAJOR, PROPOSED
DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
SHOULDER
CENTER LINE
BUILDING SETBACK LINE
NHDES 50' PROTECTIVE WELL RADIUS (IMPERVIOUS)
150' PROTECTIVE WELL RADIUS (NHDES)
TRANSFORMER / J.BOX
UNDERGROUND UTILITY
UNDER DRAIN
SILT FENCE / EROSION MIX BERM
FILTREXX 8" – 12" SILT SOXX AS SPECIFIED
ORANGE CONSTRUCTION PERIMETER FENCE
PHASE LINE
NRCS SOIL DELINEATION
GsB — SOIL TYPE
RIP RAP
RAIN GARDEN / SUBSURFACE GRAVEL WETLAND
BERM
GATE VALVE
CURB STOP
BLOW OFF HYDRANT
THRUST BLOCKS
PROPOSED SPOT ELEVATION
PROPOSED WATER LINE



GIS SKETCH
BARRINGTON, NH
SCALE: 1" = 200' ±

SIGN ID NUMBER	SIGN SIZE (WIDTH x HEIGHT)	SIGN	TEXT DIMENSIONS	NO. OF SIGNS	BACKGROUND	LEGEND	BORDER	POST SIZE & QUANTITY
R1–1	36"x36"	STOP	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT – FHWA	2	RED	WHITE	WHITE	SQUARE (2)
R2–1	24"x30"	SPEED LIMIT 25	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT – FHWA	2	WHITE	GREEN	GREEN	SQUARE (2)
W14–2	30"x30"	NO OUTLET	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT – FHWA	2	YELLOW	BLACK	BLACK	SQUARE (2)
R8–31	12"x18"	NO PARKING FIRE LANE	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT – FHWA	6	WHITE	RED	RED	SQUARE (6)

ABUTTERS WITHIN 200':

N/F TYLER & KRISTYN MILES
97 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 235,, LOT 84
S.C.R.D. BOOK 4207, PAGE 98

N/F PAUL HALLAM & MICHELLE MCCAULEY
103 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 235,, LOT 85
S.C.R.D. BOOK 4340, PAGE 802

N/F IAN HARPER
107 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 235,, LOT 86
S.C.R.D. BOOK 4440, PAGE 708

N/F DONALD & MARIANNE JAMES
135 BREEZY WAY
BARRINGTON, NH 03825
TAX MAP 235,, LOT 87
S.C.R.D. BOOK 4622, PAGE 860

N/F HATTIE J. & ROBBY D. JOHNSON
531 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 12
S.C.R.D. BOOK 4437, PAGE 933

N/F JULIE J. FRASER
525 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 13
S.C.R.D. BOOK 4575, PAGE 298

ABUTTERS WITHIN 200':

N/F GOSCINSKI/DREW REALTY LLC.
38 PARKER MOUNTAIN RD.
BARRINGTON, NH 03825
TAX MAP 238, LOT 15
S.C.R.D. BOOK 3642, PAGE 225

N/F FREDERICK E. III DREW &
CHERYL GOSCINSKI–DREW
473 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–1
S.C.R.D. BOOK 3902, PAGE 1001

N/F DANIEL J. & DIAN M. MARUCA
37 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–6
S.C.R.D. BOOK 4507, PAGE 644

N/F THOMAS M. & CINDY FORD
47 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–7
S.C.R.D. BOOK 4296, PAGE 870

N/F ELIZABETH B. BROCKETT
55 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–8
S.C.R.D. BOOK 4326, PAGE 895

N/F JAMES SORBELLO & DEIDRE RUSSO–SORBELLO
57 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–9
S.C.R.D. BOOK 4370, PAGE 922

ABUTTERS WITHIN 200':

N/F VICTOR R. JR. & JANET L. MORIN
61 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–10
S.C.R.D. BOOK 4515, PAGE 197

N/F ADAM G. KELLER & ANNE D. ABIGAIL
73 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–12
S.C.R.D. BOOK 4360, PAGE 13

N/F BRIAN E. & JOCELYN ST. ONGE
81 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825–4237
TAX MAP 238, LOT 16–13
S.C.R.D. BOOK 4460, PAGE 982

N/F BRIAN E. & JOCELYN ST. ONGE
81 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825–4237
TAX MAP 238, LOT 16–14
S.C.R.D. BOOK 4321, PAGE 700

N/F DAVID P. & LEIGHANN E. JOHNSON
89 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–15
S.C.R.D. BOOK 4293, PAGE 323

ABUTTERS WITHIN 200':

N/F BRIAN & LISA MACALLISTER
93 VILLAGE PLACE DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–16
S.C.R.D. BOOK 4245, PAGE 793

N/F MICHAEL DERREY & SARAH TRAYNOR
38 VIANO ISLAND
NORTH HAMPTON, NH 03862
TAX MAP 238, LOT 16–17
S.C.R.D. BOOK 4572, PAGE 688

N/F VICTOR GONZALEZ
35 BREEZY WAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 16–18
S.C.R.D. BOOK 4529, PAGE 299

N/F BARRINGTON VILLAGE PLACE LLC.
78 EMERY LANE
STRATHAM, NH 03855
TAX MAP 238, LOT 16–21
S.C.R.D. BOOK 4117, PAGE 905

N/F CLAYTON L. & LINDA S. REYNOLDS
PO BOX 228
BARRINGTON, NH 03825
TAX MAP 238, LOT 17
S.C.R.D. BOOK 1107, PAGE 375

ABUTTERS WITHIN 200' CONT.:

N/F DAVID & JENNIFER EMERTON
446 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 25

N/F SANDRA & MARC WENTWORTH
454 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 26
S.C.R.D. BOOK 1647, PAGE 11

N/F JAMES R. ARMSTRONG JR.
458 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 27
S.C.R.D. BOOK 1518, PAGE 280

N/F KARIN A. WILFRED G. & RICHARD WILCOTT
458 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 28
S.C.R.D. BOOK 3897, PAGE 514

N/F BARRINGTON SCHOOL DISTRICT
ELEMENTARY SCHOOL
572 CALEF HIGHWAY
BARRINGTON, NH 03825–3630
TAX MAP 238, LOT 29

ABUTTERS WITHIN 200' CONT.:

N/F THEODORE & CANDACE WHITE
484 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825–3724
TAX MAP 238, LOT 30
S.C.R.D. BOOK 1532, PAGE 422

N/F BARRINGTON SCHOOL DISTRICT
MIDDLE SCHOOL SAU 74
51 HALEY DRIVE
BARRINGTON, NH 03825–3630
TAX MAP 238, LOT 31

N/F BARRINGTON SCHOOL DISTRICT
MIDDLE SCHOOL SAU 74
51 HALEY DRIVE
BARRINGTON, NH 03825–3630
TAX MAP 238, LOT 32

N/F THE GAUDIELLO FAMILY REVOCABLE TRUST OF 2016
SUSAN Y. & ANTHONY M. GAUDIELLO TRUSTEES
528 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 33 & 34
S.C.R.D. BOOK 4311, PAGE 926

N/F BARRINGTON VILLAGE PLACE LLC.
78 EMERY LANE
STRATHAM, NH 03855
TAX MAP 238, LOT 100

FOR TOWN APPROVAL PURPOSES :

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

STATE OF NEW HAMPSHIRE LICENSED LAND SURVEYOR No. 805 KENNETH A. BERRY

STATE OF NEW HAMPSHIRE KENNETH A. BERRY No. 14263 LICENSED PROFESSIONAL ENGINEER

REVISION	DATE	DESCRIPTION
#6	1–8–21	REVISED PER NHDOT RFMI COMMENT
#5	10–27–20	REVISED PER AoT RFMI COMMENT
#4A	9–23–20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10–30–19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10–14–19	REVISED PER AoT APPLICATION
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NEIGHBORHOOD PLAN
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : AS SHOWN
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

SHEET 1 OF 56

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

OPEN SPACE AREA "A" AS CALLED OUT IN PLAN REFERNCE #1
TAX MAP 238, LOT 100

N/F REYNOLDS, LINDA
P.O. BOX 226
BARRINGTON, NH 03825
TAX MAP 238, LOT 17
S.C.R.D. BOOK 1107, PAGE 375

N/F DREW POND LLC
TAX MAP 238, LOT 16
SUBJECT PARCEL

N/F WENTWORTH, SANDRA & MARC
454 FRANKLIN PIERCE HWY
BARRINGTON, NH 03825
TAX MAP 238, LOT 26

N/F ARMSTONG, JAMES R JR
456 FRANKLIN PIERCE HWY
BARRINGTON, NH 03825
TAX MAP 238, LOT 27

N/F WILCOTT, KARIN WILFRED & RICHAR
458 FRANKLIN PIERCE HWY
BARRINGTON, NH 03825
TAX MAP 238, LOT 28
S.C.R.D. BOOK 3997, PAGE 514

N/F BARRINGTON SCHOOL DISTRICT
ELEM SCHOOL
572 CALEF HWY
BARRINGTON, NH 03825
TAX MAP 238, LOT 29

N/F BARRINGTON SCHOOL DISTRICT
MIDDLE SCHOOL SAU 74
51 HALEY DRIVE
BARRINGTON, NH 03825
TAX MAP 238, LOT 31

N/F BARRINGTON VILLAGE PLACE
78 EMERY LANE
STRATHAM, NH 03885
TAX MAP 238, LOT 16-1
S.C.R.D. BOOK 4117, PAGE 1[illegible]

N/F DREW, FREDERICK E III & GOSCINSKI-DREW, CHERYL A
473 FRANKLIN PIERCE HWY
BARRINGTON, NH 03825
TAX MAP 238, LOT 16-1
S.C.R.D. BOOK 3902, PAGE 1001

N/F GOSCINSKI/DREW REALTY LLC
38 PARKER MOUNTAIN ROAD
BARRINGTON, NH 03825
TAX MAP 238, LOT 16
S.C.R.D. BOOK 3642, PAGE 225

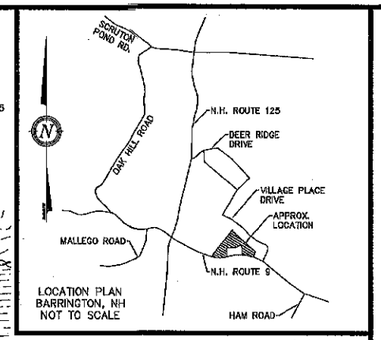
N/F WHITE, THEODORE & CANDACE
464 FRANKLIN PIERCE HWY
BARRINGTON, NH 03825
TAX MAP 238, LOT 30

N/F FRASER, SEANA L. & GRANT MARCUS
525 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
TAX MAP 238, LOT 19
S.C.R.D. BOOK 4638, PAGE 479

N.H. ROUTE 9/FRANKLIN PIERCE HIGHWAY

HALEY DRIVE

MATCH LINE SHEET 2
MATCH LINE SHEET 3



LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

1A.) APPLICANT: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D. BOOK 4528, PAGE 851

5.) ZONING: VILLAGE DISTRICT
SETBACKS:

FRONTAGE:	200 FEET, MINIMUM
MIN. LOT AREA:	80,000 Sq. Ft.
FRONT SETBACK:	40 FEET
SIDE SETBACK:	30 FEET
REAR SETBACK:	30 FEET
MAX. BUILDING HEIGHT:	35 FEET
MAX. LOT COVERAGE:	40%

6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, PART OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# –330178, MAP# – 33017C0305E, DATED: SEPTEMBER 30, 2015.

7.) VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.

8.) THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS OF TAX MAP 238 LOT 16 AS OF THE DATE OF THIS SURVEY COMPLETED JULY 5, 2017.

9.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN JULY OF 2017, WITH AN ERROR OF CLOSURE OF 1 PART IN 28,523.

10.) TOPOGRAPHIC SURVEY PREFORMED BY THIS OFFICE IN THE SUMMER OF 2017. EXISTING CONTOURS ARE PROVIDED AT 1' INTERVALS. TREE LINE AS OF THAT DATE.

11.) THIS IS CURRENTLY A VACANT LOT.

LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHD GRANITE BOUND ~FND~
- UTILITY POLE/GUY WIRE
- CATCH BASIN
- EXISTING PERIMETER BOUNDARY
- NRCS SOIL DELINEATION LINE
- STONE WALL
- STONE WALL REMAINS
- POORLY DRAINED JURISDICTIONAL WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE / PRIME WETLAND
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 100' TO VERY POORLY DRAINED
- BUILDING SETBACK LINE
- OHU OVERHEAD UTILITIES LINE
- MATCH LINE
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. TYPICAL
- FND FOUND
- PL PROPERTY LINE
- T.B.M. TEMPORARY BENCHMARK
- TP TEST PIT

SOILS:

CaC – CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES VERY STONY

HaB – HINCKLEY LOAMY SAND, 3 TO 8% SLOPES

SwA – SWANTON FINE SANDY LOAM, 0 TO 3% SLOPES

WdA – WINDSOR LOAMY SAND, 0 TO 3% SLOPES

W – OPEN WATER

SEE WEBSOIL USDA–NRCS

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. NEIWPCC 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 BONAP, CHAPEN 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. PHYTONEURON 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. COWARDIN, V. CARTER, F. GOLET, AND E. LAROE. US DEPARTMENT OF THE INTERIOR. FISH AND WILDLIFE SERVICE. FWS/OBS–79/31.

STATE OF NEW HAMPSHIRE
CYNTHIA BALCIUS
No. 061
CERTIFIED WETLAND SCIENTIST

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

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 –

9-23-20

KENNETH A. BERRY LLS 805 DATE

PLANNING BOARD
BARRINGTON, NH
APPROVED

FOR TOWN APPROVAL PURPOSES :
File Number 238-16-U-20-Amend5R
Date 4/6/2021
Chairman

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

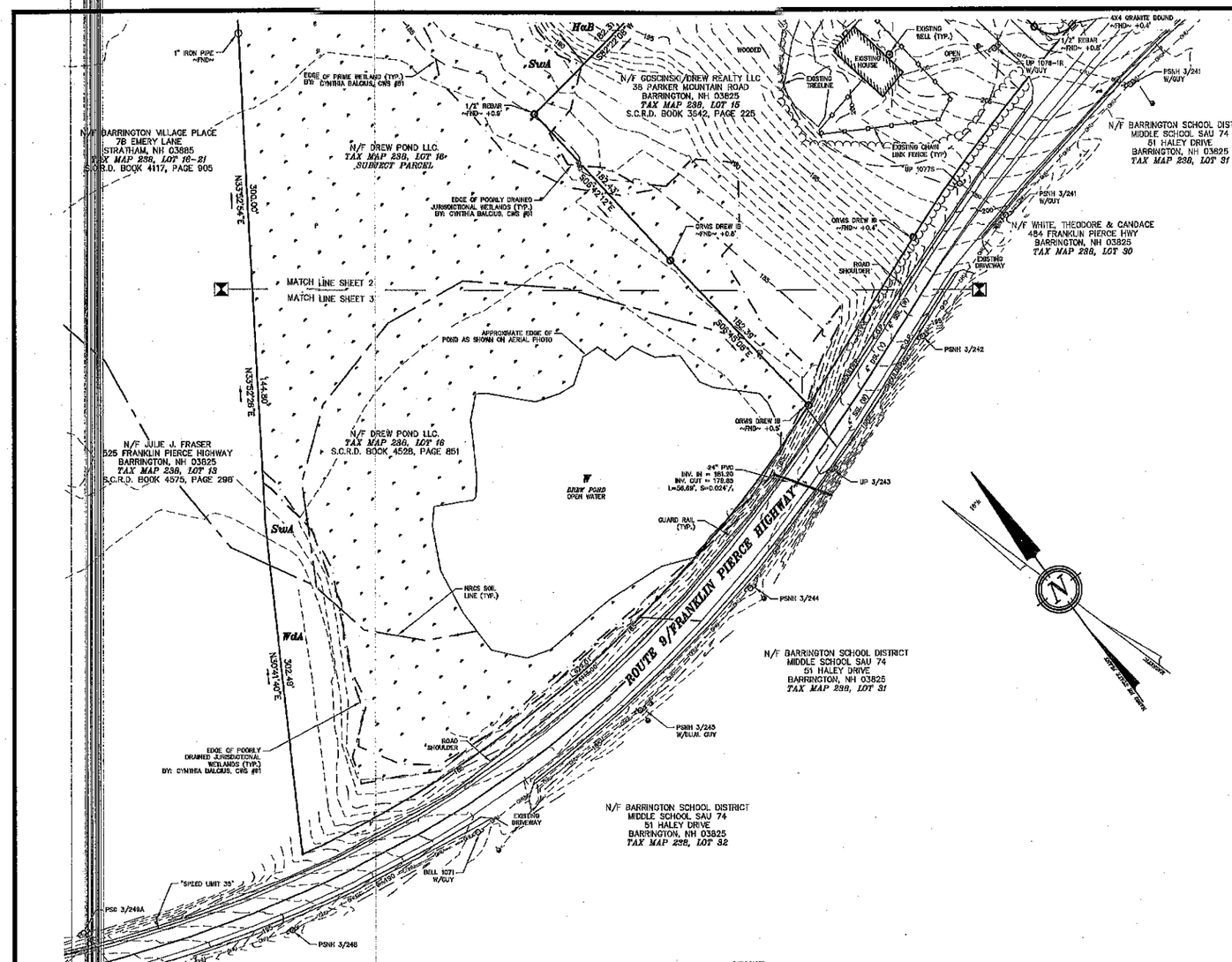
REVISION	DATE	DESCRIPTION
#4A	8-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-24-19	REVISED PER CLIENT COMMENT
#1	9-25-19	REVISED PER DRBA# COMMENT

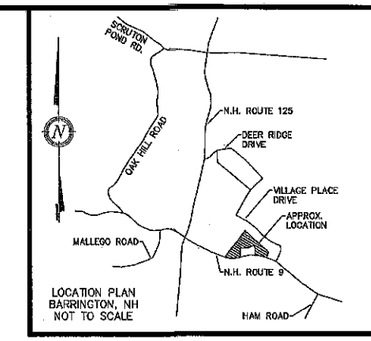
EXISTING CONDITIONS PLAN (NORTH)
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 60 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
No. 805
KENNETH A. BERRY
LICENSED LAND SURVEYOR
SIGNATURE





LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE

REVISION	DATE	DESCRIPTION
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	9-25-19	REVISED PER DRAFT COMMENT
#1	9-25-19	REVISED PER DBAK COMMENT

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

1A.) APPLICANT: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03825

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D. BOOK 4528, PAGE 851

5.) ZONING: VILLAGE DISTRICT
SETBACKS:
FRONTAGE: 200 FEET, MINIMUM
MIN. LOT AREA: 80,000 Sq. Ft.
FRONT SETBACK: 40 FEET
SIDE SETBACK: 30 FEET
REAR SETBACK: 30 FEET
MAX. BUILDING HEIGHT: 35 FEET
MAX. LOT COVERAGE: 40%

6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, PART OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# –330178, MAP# – 33017C0305E, DATED: SEPTEMBER 30, 2015.

7.) VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.

8.) THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS OF TAX MAP 238 LOT 16 AS OF THE DATE OF THIS SURVEY COMPLETED JULY 5, 2017.

9.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN JULY OF 2017, WITH AN ERROR OF CLOSURE OF 1 PART IN 28,523.

10.) TOPOGRAPHIC SURVEY PREFORMED BY THIS OFFICE IN THE SUMMER OF 2017. EXISTING CONTOURS ARE PROVIDED AT 1' INTERVALS. TREE LINE AS OF THAT DATE.

11.) THIS IS CURRENTLY A VACANT LOT.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 338-16-V-20 Amend SR
Date 4/6/2021
Chairman

PLAN REFERENCES:

1.) "CORRECTIVE SUBDIVISION PLAN LAND OF GEORGE A. CALEF LIVING REV. TRUST OF 2008 & A. HARLAN CALEF REV. TRUST & FREDERICK DREW III & CHERYL GOSCINSKI DREW"
DATED: AUGUST 21, 2013
BY: DOUCETTE SURVEY INC
S.C.R.D. PLAN # 105-016, 017, & 018

2.) "SUBDIVISION PLAN LAND OF GEORGE A. CALEF LIVING REV. TRUST OF 2008 & A. HARLAN CALEF REV. TRUST & FREDERICK DREW III & CHERYL GOSCINSKI DREW"
DATED: MAY 14, 2012
BY: DOUCETTE SURVEY INC
S.C.R.D. PLAN # 105-039, 040, & 041

3.) "SUBDIVISION PLAT BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE PREPARED FOR A. HARLAN CALEF REVOCABLE TRUST"
DATED: JULY 19, 2005
BY: DRVS/DREW, LLC
S.C.R.D. PLAN # 82-45

PLAN REFERENCES CONT.:

4.) "SITE PLAN/SUBDIVISION PLAN BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE PREPARED FOR DRVS/DREW, LLC ON LAND OF FREDERICK E. DREW III & CHERYL GOSCINSKI-DREW."
DATED: MARCH 8, 2000
BY: DRVS/DREW, LLC
S.C.R.D. PLAN # 64-41

5.) "WEDGEWOOD ESTATES PLAN OF LAND IN BARRINGTON, NH"
BY: ROBERT G. COLBATH
DATED: JULY 2, 1984
S.C.R.D.: PLAN # 24A-133

6.) "STATE OF NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS PLANS OF PROPOSED FEDERAL AID PROJECT F 185 (2) CENTRAL ROAD"
BY: STATE OF NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
DATED: MARCH 24, 1941

LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHD GRANITE BOUND ~FND~
- UTILITY POLE/GUY WIRE
- CATCH BASIN
- EXISTING PERIMETER BOUNDARY
- NRCS SOIL DELINEATION LINE
- STONE WALL
- STONE WALL REMAINS
- POORLY DRAINED JURISDICTIONAL WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE / PRIME WETLAND
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 100' TO VERY POORLY DRAINED
- BUILDING SETBACK LINE
- OHU — OVERHEAD UTILITIES LINE
- MATCH LINE
- S.C.R.D. — STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. — TYPICAL
- FND — FOUND
- PL — PROPERTY LINE
- T.B.M. — TEMPORARY BENCHMARK
- TP — TEST PIT

GRAPHIC SCALE
60 0 30 60 120 240
(IN FEET)
1 inch = 60 ft.

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. NEHIPCC 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 BONAP, CHAPEN HILL.
4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHVAR, R.W., M. BUTTERWICK, N.C. MELVIN, AND W.N. KIRCHNER. 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTONEURON 2014-41:1-42.
5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL. JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
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7) 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.

SOILS:

CsC – CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES VERY STONY
HaB – HINCKLEY LOAMY SAND, 3 TO 8% SLOPES
SwA – SWANTON FINE SANDY LOAM, 0 TO 3% SLOPES
WdA – WINDSOR LOAMY SAND, 0 TO 3% SLOPES
W – OPEN WATER

SEE WEBSOIL USDA–NRCS

STATE OF NEW HAMPSHIRE CYNTHIA M. BALCIUS No. 061 CERTIFIED WETLAND SCIENTIST
STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CWS #61

FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW 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 SITE REVIEW 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 –
9-23-20
KENNETH A. BERRY LLS 805 DATE

EXISTING CONDITIONS PLAN (SOUTH)
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 60 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE KENNETH A. BERRY No. 805 LICENSED LAND SURVEYOR
SIGNATURE

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D. BOOK 4528, PAGE 851

5.) ZONING: VILLAGE DISTRICT
SETBACKS:
FRONTAGE: 200 FEET, MINIMUM
MIN. LOT AREA: 60,000 Sq. Ft.
FRONT SETBACK: 40 FEET
SIDE SETBACK: 30 FEET
REAR SETBACK: 30 FEET
MAX. BUILDING HEIGHT: 35 FEET
MAX. LOT COVERAGE: 40%

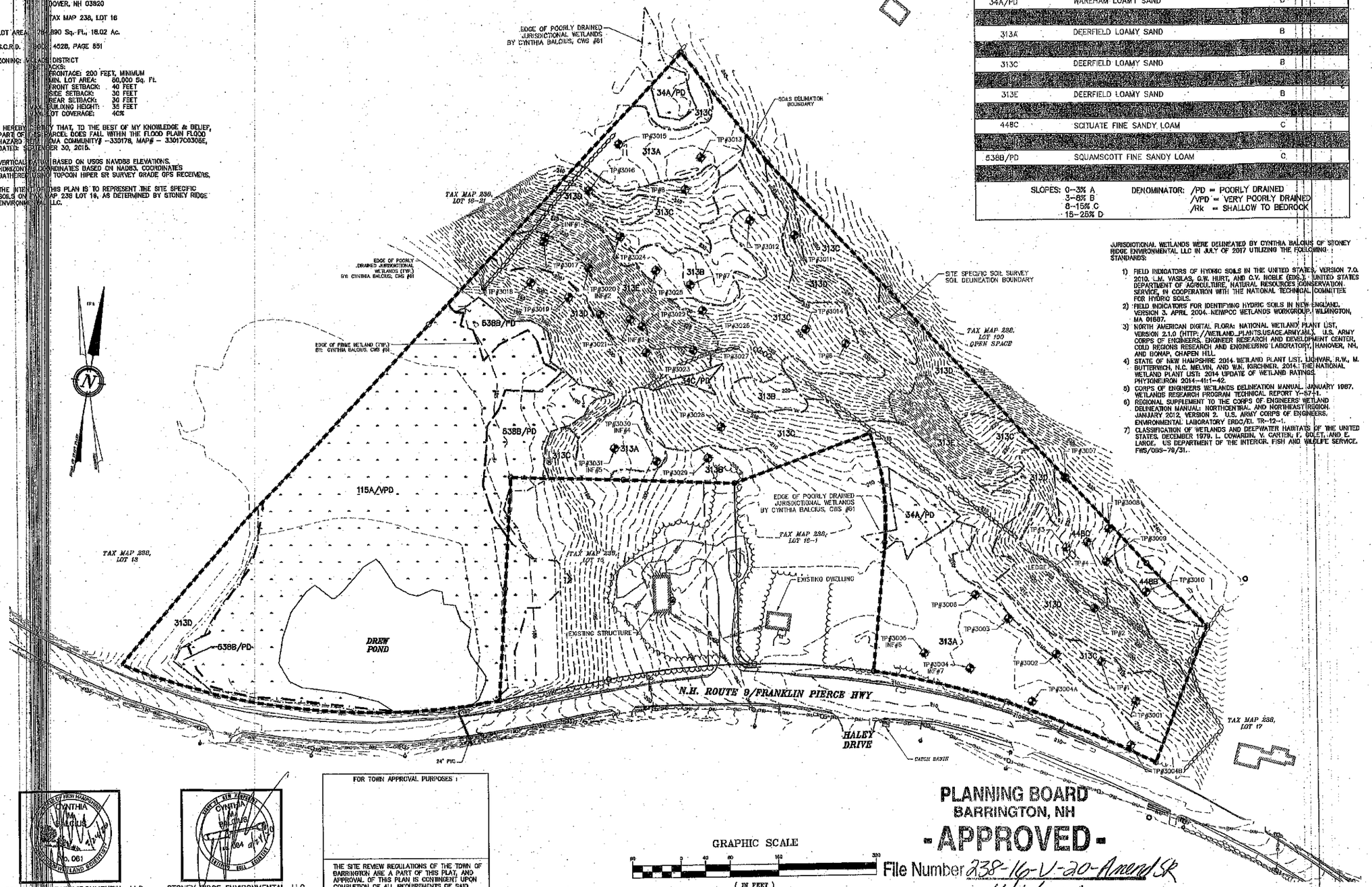
6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, PART OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD AREA. FIRM COMMUNITY# – 330178, MAP# – 33017C0308E, DATED: SEPTEMBER 30, 2010.

7.) VERTICAL DATUM BASED ON USGS NAVD88 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 238 LOT 16, AS DETERMINED BY STONEY RIDGE ENVIRONMENTAL LLC.

LEGEND:

SOIL LINE
LIMIT OF SOIL SURVEY
446B SOIL SERIES



SOILS LEGEND

SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
34A/PD	WAREHAM LOAMY SAND	C
313A	DEERFIELD LOAMY SAND	B
313C	DEERFIELD LOAMY SAND	B
313E	DEERFIELD LOAMY SAND	B
448C	SCITUATE FINE SANDY LOAM	C
538B/PD	SQUAMSCOTT FINE SANDY LOAM	C

SLOPES: 0–3% A, 3–8% B, 8–15% C, 15–25% D

DENOMINATOR: /PD = POORLY DRAINED, /VPD = VERY POORLY DRAINED, /Rk = SHALLOW TO BEDROCK

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. NEWPCC 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 BONAP, CHAPEL HILL.
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7) 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

FOR TOWN APPROVAL PURPOSES :

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

GRAPHIC SCALE
(IN FEET)
1 inch = 80 ft.

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-Amend SR
Date 4/6/2021
Chairman

REVISION	DATE	DESCRIPTION
4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
4B	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
4C	10-14-19	REVISED PER APT APPLICATION
4D	9-23-19	REVISED PER DB&K COMMENT

SITE SPECIFIC SOILS MAP
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 80 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE No. 805 KENNETH A. BERRY LICENSED LAND SURVEYOR

SHEET 4 OF 56

TEST PIT DATA:

TEST PIT #1

0-8" 10YR 3/3, VERY FINE SANDY LOAM, GRANULAR, FRIABLE
8-19" 10YR 5/6, LOAMY SAND, GRANULAR, FRIABLE
19-38" 2.5Y 5/4, LOAMY FINE SAND, WEAK GRANULAR, VERY FRIABLE
38-66" 2.5Y 4/4, FINE SAND, WEAK GRANULAR, VERY FRIABLE
MOTTLES COMMON & DISTINCT 7.5YR 5/8
E.S.H.W.T. @ 38"
ROOTS TO 22"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ 54"
LEDGE @ >66"
TERMINATED @ 66"
HISS TYPE: 311
PERC. RATE = 8 MIN./IN.

TEST PIT #2

0-2" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
2-13" 10YR 4/4, FINE SANDY LOAM, GRANULAR, FRIABLE
13-23" 2.5YR 5/4, LOAMY SAND, WEAK SUBANGULAR BLOCKY, FRIABLE
23-64" 2.5Y 5/4, SAND, WEAK GRANULAR, VERY FRIABLE
MOTTLES COMMON & DISTINCT 7.5YR 5/8
E.S.H.W.T. @ 23"
ROOTS TO 13"
RESTRICTIVE LAYER: N/A
WATER OBSERVED: N/A
LEDGE @ >64"
TERMINATED @ 64"
HISS TYPE: 311
PERC. RATE = 8 MIN./IN.

TEST PIT #3

0-2" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
2-11" 10YR 4/4, FINE SANDY LOAM, GRANULAR, FRIABLE
11-16" 2.5Y 5/4, LOAMY SAND, WEAK GRANULAR, VERY FRIABLE
16-32 2.5Y 5/4, LOAMY SAND, GRANULAR, FRIABLE
32-64" 2.5Y 5/3, FINE SAND, PLATY, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6
E.S.H.W.T. @ 32"
ROOTS TO 12"
RESTRICTIVE LAYER @ 32"
WATER OBSERVED: N/A
LEDGE @ 64"
TERMINATED @ 64"
HISS TYPE: 323
PERC. RATE = 6 MIN./IN.

TEST PIT #4

0-2" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
2-13" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
13-19" 2.5Y 5/4, LOAMY SAND, WEAK GRANULAR, VERY FRIABLE
19-34 2.5Y 5/4, LOAMY SAND, GRANULAR, FRIABLE
34-50" 2.5Y 5/3, LOAMY FINE SAND, PLATY, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 34"
ROOTS TO 12"
RESTRICTIVE LAYER @ 34"
WATER OBSERVED: N/A
LEDGE @ >50"
TERMINATED @ 50"
HISS TYPE: 323
PERC. RATE = 4 MIN./IN.

TEST PIT #5

0-6" 10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
6-18" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
18-30" 10YR 4/4, LOAMY SAND, WEAK GRANULAR, VERY FRIABLE
30-72" 2.5Y 5/6, GRAVELY COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 7.5YR 5/8
E.S.H.W.T. @ 30"
ROOTS TO 19"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ 68"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #6

0-5" 7.5YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
5-14" 10YR 3/5, SANDY LOAM, GRANULAR, FRIABLE
14-34" 10YR 5/8, LOAMY COARSE SAND, WEAK GRANULAR, VERY FRIABLE
34-60" 10YR 5/4, GRAVELY COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 7.5YR 5/8, COBBLES 10-15%
E.S.H.W.T. @ 34"
ROOTS TO 30"
RESTRICTIVE LAYER: N/A
WATER OBSERVED: N/A
LEDGE @ >60"
TERMINATED @ 60"
HISS TYPE: 311
PERC. RATE = 4 MIN./IN.

TEST PIT #7

0-5" 7.5YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
5-15" 10YR 3/6, SANDY LOAM, GRANULAR, FRIABLE
15-32" 10YR 5/8, LOAMY COARSE SAND, WEAK GRANULAR, VERY FRIABLE
32-60" 10YR 5/4, GRAVELY COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 7.5YR 5/8
E.S.H.W.T. @ 32"
ROOTS TO 20"
RESTRICTIVE LAYER: N/A
WATER OBSERVED: N/A
LEDGE @ >60"
TERMINATED @ 60"
HISS TYPE: 311
PERC. RATE = 4 MIN./IN.

TEST PIT #8

0-4" 7.5YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4-14" 10YR 3/6, SANDY LOAM, GRANULAR, FRIABLE
14-32" 10YR 5/8, LOAMY COARSE SAND, WEAK GRANULAR, VERY FRIABLE
32-60" 10YR 5/4, GRAVELY COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 7.5YR 5/8
E.S.H.W.T. @ 35"
ROOTS TO 23"
RESTRICTIVE LAYER: N/A
WATER OBSERVED: N/A
LEDGE @ >60"
TERMINATED @ 60"
HISS TYPE: 311
PERC. RATE = 4 MIN./IN.

TEST PIT DATA:

TEST PIT #3001

4-0" 10YR 2/1, ORGANIC, FOREST MATERIAL
0-17" 10YR 4/4, FINE SANDY LOAM, GRANULAR, FRIABLE
17-35" 10YR 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
35-41" 2.5Y 6/6, SAND, GRANULAR, FRIABLE
41-72" 5Y 5/4, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6
E.S.H.W.T. @ 41"
ROOTS TO 25"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3002

1-0" 10YR 3/4, ORGANIC, FOREST MATERIAL
0-10" 7.5Y 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
10-22" 2.5Y 6/8, SAND, GRANULAR, FRIABLE
22-34" 2.5Y 7/3, SAND, GRANULAR, FRIABLE
34-72" 2.5Y 7/6, SAND, WEAK GRANULAR, VERY FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
E.S.H.W.T. @ 34"
ROOTS TO 25"
RESTRICTIVE LAYER: N/A
WATER OBSERVED: N/A
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3003

3-0" 10YR 3/3, ORGANIC, FOREST MATERIAL
0-14" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
14-34" 2.5Y 5/8, SAND, GRANULAR, FRIABLE
34-44" 2.5Y 7/3, SAND, SINGLE GRAIN, LOSE
44-49 5Y 7/3, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 2.5Y 6/8
49-53" 10YR 5/6, FINE SAND, GRANULAR, FRIABLE
53-82"+ 2.5Y 5/6, SAND, SINGLE GRAIN, LOSE
E.S.H.W.T. @ 44"
ROOTS TO 31"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3004 / INFILTRATION TEST #7 / 3004A & 3004B

0-15" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
15-25" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
25-30" 10YR 5/8, SAND, GRANULAR, FRIABLE
30-40 2.5Y 6/3, SAND, SINGLE GRAIN, LOSE
40-72" 2.5Y 6/4, SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 40"
ROOTS TO 25"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3005 / INFILTRATION TEST #6

0-7" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
7-21" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
21-30" 7.5YR 5/8, COARSE SAND, SINGLE GRAIN, LOSE
10% COBBLES
30-32" 5Y 4/8, COARSE SAND, SINGLE GRAIN, LOSE
10% COBBLES
32-46" 2.5Y 6/4, SAND, SINGLE GRAIN, LOSE
46-65"+ 2.5Y 6/4, SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 46"
ROOTS TO 30"
RESTRICTIVE LAYER: N/A
WATER OBSERVED >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3006

0-13" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
13-22" 10YR 5/8, FINE SAND, GRANULAR, FRIABLE
22-33" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
33-44" 2.5Y 5/3, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
44-59" 10YR 5/8, COARSE SAND, SINGLE GRAIN, LOSE
59-72" 5YR 4/6, COARSE SAND, GRANULAR, FRIABLE
COBBLES
E.S.H.W.T. @ 33"
ROOTS TO 38"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #3007

3-0" 10YR 2/1, ORGANIC, FOREST MATERIAL
0-8" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
8-25" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
25-32" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
32-62"+ 2.5Y 5/2, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 2.5YR 5/8
E.S.H.W.T. @ 32"
ROOTS TO 35"
RESTRICTIVE LAYER: N/A
WATER OBSERVED: >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT DATA:

TEST PIT #3008

0-5" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
5-16" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
16-34" 5Y 6/4, FINE SANDY LOAM, GRANULAR, FRIABLE
34-82"+ 2.5Y 5/3, FINE SANDY LOAM, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 2.5YR 5/8
E.S.H.W.T. @ 34"
ROOTS TO 27"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3009

0-12" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
12-23" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
23-34" 2.5Y 5/4, SANDY LOAM, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
34-46" 5Y 6/4, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 2.5YR 5/8
46-72" 2.5Y 5/6, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
E.S.H.W.T. @ 23"
ROOTS TO 35"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 12 MIN./IN.

TEST PIT #3010

0-8" 10YR 4/4, FINE SANDY LOAM, GRANULAR, FRIABLE
8-34" 2.5Y 5/4, FINE SANDY LOAM, GRANULAR, FRIABLE
34-42" 2.5Y 6/3, FINE SANDY LOAM, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
42-64"+ 2.5Y 4/4, FINE SANDY LOAM, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 34"
ROOTS TO 44"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ 72"
LEDGE @ 72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3011

0-10" 10YR 2/2, FINE SANDY LOAM, GRANULAR, FRIABLE
10-14" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
14-28" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
28-38 2.5Y 5/4, SANDY LOAM, GRANULAR, FRIABLE
38-46" 2.5Y 5/4, SANDY LOAM, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
46-72"+ 2.5Y 5/4, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 38"
ROOTS TO 36"
RESTRICTIVE LAYER:N/A
WATER OBSERVED @ 72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3012

0-7" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
7-13" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
13-21" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
21-30" 2.5Y 5/3, FINE SANDY LOAM, GRANULAR, FRIABLE
30-72" 2.5Y 4/2, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
MOTTLES COMMON & DISTINCT 2.5Y 5/1
E.S.H.W.T. @ 30"
ROOTS TO 28"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #3013

0-6" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
6-16" 10YR 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
16-23" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
23-33" 2.5Y 5/3, SAND, SINGLE GRANULAR, FIRM
33-38" 2.5Y 5/3, SAND, SINGLE GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
MOTTLES COMMON & DISTINCT 2.5Y 5/1
38-72" 2.5Y 4/2, FINE SANDY LOAM, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6
E.S.H.W.T. @ 33"
ROOTS TO 28"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #3014

0-5" 10YR 2/2, FINE SANDY LOAM, GRANULAR, FRIABLE
5-15" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
15-24" 2.5Y 5/6, FINE SAND, GRANULAR, FRIABLE
24-34" 2.5Y 5/6, SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
34-58" 10YR 4/6, LOAMY SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
58-72"+ 2.5Y 4/2, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
MOTTLES COMMON & DISTINCT 2.5Y 5/1
E.S.H.W.T. @ 24"
ROOTS TO 28"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-AmendSR
Date 4/6/2021
Chairman

TEST PIT DATA:

TEST PIT #3015 / INFILTRATION TEST #3

4-0" 10YR 2/1, ORGANIC, FOREST MATERIAL
0-4" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
4-22" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
22-33" 2.5Y 6/6, FINE SANDY LOAM, GRANULAR, FRIABLE
33-42" 2.5Y 5/3, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
42-67"+ 2.5Y 4/2, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 33"
ROOTS TO 33"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ 72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #3016

0-8" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
8-19" 10YR 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
19-31" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
31-46" 2.5Y 6/4, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
46-52" 2.5Y 5/6, COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
52-67"+ 2.5Y 5/3, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
MOTTLES COMMON & DISTINCT 2.5Y 5/1
E.S.H.W.T. @ 31"
ROOTS TO 34"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3017 / INFILTRATION TEST #1

0-4" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
2-10" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
10-17" 10YR 5/4, FINE SANDY LOAM, GRANULAR, FRIABLE
17-26" 2.5Y 5/4, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6
MOTTLES COMMON & DISTINCT 2.5Y 5/1
26-47" 2.5Y 5/3, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6
MOTTLES COMMON & DISTINCT 2.5Y 5/1
47-82"+ 2.5Y 5/1, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6 (50%)
E.S.H.W.T. @ 17"
ROOTS TO 29"
RESTRICTIVE LAYER @ >72"
WATER OBSERVED: N/A
LEDGE @ 72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 8 MIN./IN.

TEST PIT #3018

2-0" 10YR 2/1, ORGANIC, FOREST MATERIAL
0-8" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
8-23" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
23-36" 2.5Y 5/8, SAND, GRANULAR, FRIABLE
MOTTLES 20% COBBLES
36-44" 2.5Y 5/3, FINE SANDY LOAM, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
44-72"+ 2.5Y 5/1, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
E.S.H.W.T. @ 36"
ROOTS TO 45"
RESTRICTIVE LAYER @ >72"
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #3019

0-4" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
4-26" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
26-34" 2.5Y 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
34-46" 2.5Y 5/8, COARSE SAND, SINGLE GRAIN, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
10% COBBLES
46-64" 10YR 3/6, LOAMY SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
64-72"+ 2.5Y 5/1, SAND, GRANULAR, FRIABLE
MOTTLES COMMON 10YR 5/8
E.S.H.W.T. @ 34"
ROOTS TO 39"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #3020 / INFILTRATION TEST #2

0-10" 10YR 2/1, FINE SANDY LOAM, GRANULAR, FRIABLE
10-23" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
23-56" 10Y 5/6, SAND, GRANULAR, FRIABLE
56-72" 10YR 4/4, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/1
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 56"
ROOTS TO 32"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 2 MIN./IN.

TEST PIT #3021

0-5" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
5-13" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
13-40" 2.5Y 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
40-56" 2.5Y 4/3, COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/6
56-64"+ 2.5Y 5/2, SAND, SINGLE GRAIN, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 40"
ROOTS TO 48"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 2 MIN./IN.

TEST PIT DATA:

TEST PIT #3022

0-3" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
3-13" 10YR 4/8, FINE SANDY LOAM, GRANULAR, FRIABLE
13-29" 2.5Y 5/4, FINE SANDY LOAM, GRANULAR, FRIABLE
29-37" 2.5Y 4/3, FINE SANDY LOAM, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
MOTTLES COMMON & DISTINCT 2.5Y 5/1
37-44" 2.5Y 5/1, FINE SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6
44-72"+ 2.5Y 5/1, FINE SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/6 (50%)
E.S.H.W.T. @ 29"
ROOTS TO 30"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3023

3-0" 10YR 2/2, FOREST MATERIAL
0-8" 10YR 2/1, FINE SANDY LOAM, GRANULAR, FRIABLE
8-11" 2.5Y 5/1, FINE SANDY LOAM, GRANULAR, FRIABLE
11-19" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
19-28" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
28-38" 2.5Y 5/3, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 2.5Y 6/8
38-53" 10YR 4/6, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
53-79"+ 10YR 3/4, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 28"
ROOTS TO 22"
RESTRICTIVE LAYER @ >72"
WATER OBSERVED @ 53"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 8 MIN./IN.

TEST PIT #3024

0-3" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
3-7" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
7-30" 10YR 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
30-47" 2.5Y 5/8, SAND, GRANULAR, FRIABLE
47-60"+ 2.5Y 6/4, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/6
E.S.H.W.T. @ 47"
ROOTS TO 35"
RESTRICTIVE LAYER @ >72"
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 2 MIN./IN.

TEST PIT #3025

4-0" 10YR 2/2, ORGANIC, FOREST MATERIAL
0-5" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
5-19" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
19-29" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
29-38" 2.5Y 5/6, SAND, GRANULAR, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
MOTTLES COMMON & DISTINCT 2.5Y 6/2
38-63"+ 2.5Y 5/3, FINE SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
MOTTLES COMMON & DISTINCT 2.5Y 6/2
E.S.H.W.T. @ 29"
ROOTS TO 30"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3026

0-6" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
6-18" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
18-26" 2.5Y 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
26-39" 2.5Y 5/3, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
39-65" 2.5Y 5/3, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 10YR 5/8
MOTTLES COMMON & DISTINCT 2.5Y 6/2
E.S.H.W.T. @ 26"
ROOTS TO 27"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #3027

3-0" 10YR 2/1, ORGANIC, FOREST MATERIAL
0-4" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
4-19" 10YR 5/6, FINE SANDY LOAM, GRANULAR, FRIABLE
19-39" 10YR 4/6, COARSE SAND, SINGLE GRAIN, LOSE
39-64"+ 2.5Y 5/3, SAND, GRANULAR, FIRM
MOTTLES COMMON & DISTINCT 2.5Y 5/1
MOTTLES COMMON & DISTINCT 10YR 4/6
E.S.H.W.T. @ 39"
ROOTS TO 32"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3028

0-8" 10YR 2/2, FOREST MATERIAL
8-14" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
14-27" 10YR 5/8, SAND, GRANULAR, FRIABLE
27-48" 2.5Y 5/6, SAND, GRANULAR, FRIABLE
48-88" 2.5Y 3/3, COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 48"
ROOTS TO 40"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >88"
LEDGE @ >88"
TERMINATED @ 88"
HISS TYPE: N/A
PERC. RATE = 2 MIN./IN.

TEST PIT DATA:

TEST PIT #3029

0-27" 2.5Y 4/3, FILL, COMPACTED ROOTS & WOOD
27-35" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
35-48" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
48-60" 2.5Y 6/8, FINE SANDY LOAM, GRANULAR, FRIABLE
60-66" 2.5Y 5/8, COARSE SAND, SINGLE GRAIN, LOSE
66-70" 2.5Y 5/8, COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
70-87"+ 2.5Y 6/6, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
E.S.H.W.T. @ 66"
ROOTS TO 49"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >87"
LEDGE @ >87"
TERMINATED @ 87"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3030 / INFILTRATION TEST #4

2-0" 10YR 2/1, ORGANIC, FOREST MATERIAL
0-7" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
7-21" 10YR 3/6, FINE SANDY LOAM, GRANULAR, FRIABLE
21-33" 2.5Y 6/6, FINE SAND, GRANULAR, FRIABLE
33-45" 2.5Y 5/3, SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 2.5Y 6/8
45-55" 2.5Y 5/6, COARSE SAND, SINGLE GRAIN, FRIABLE
MOTTLES COMMON & DISTINCT 10YR 5/8
55-66" 2.5Y 5/3, FINE SAND, GRANULAR, FRIABLE
MOTTLES COMMON & DISTINCT 2.5Y 7/2
MOTTLES COMMON & DISTINCT 2.5Y 5/6
E.S.H.W.T. @ 33"
ROOTS TO 25"
RESTRICTIVE LAYER @ >72"
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 4 MIN./IN.

TEST PIT #3031 / INFILTRATION TEST #5

0-3" 10YR 3/1, FOREST MATERIAL
3-8" 10YR 3/4, FINE SANDY LOAM, GRANULAR, FRIABLE
8-16" 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
16-25" 10YR 3/4, SAND, SINGLE GRAIN, FRIABLE
MOTTLES 15% GRAVEL
25-29" 10YR 3/3, COARSE SAND, SINGLE GRAIN, LOSE
29-32" 10YR 3/3, COARSE SAND, SINGLE GRAIN, LOSE
MOTTLES COMMON & DISTINCT 10YR 5/8
32-72"+ 10YR 5/8, COARSE SAND, SINGLE GRAIN, LOSE
E.S.H.W.T. @ 29"
ROOTS TO 19"
RESTRICTIVE LAYER: N/A
WATER OBSERVED @ >72"
LEDGE @ >72"
TERMINATED @ 72"
HISS TYPE: N/A
PERC. RATE = 6 MIN./IN.

TEST PIT #4001

0-4" 10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4-31" 10YR 5/4, FINE LOAMY SAND, GRANULAR, LOOSE IN HAND
31-44" 2.5Y 6/4, FINE SAND, SINGLE GRAIN, LOOSE IN HAND
44-75" 2.5Y 6/3, FINE SAND, BLOCKY, SOMEWHAT FIRM IN PLACE
FRIABLE IN HAND, 10% CONCENTRATIONS

S.H.W.T. @ 44"
RESTRICTIVE LAYER - NONE
LEDGE - NONE
FEW ROOTS TO 36"
PERC RATE = 3.65 MIN/INCH

TEST PIT #4002

0-4" 10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4-25" 10YR 5/4, FINE LOAMY SAND, GRANULAR, LOOSE IN HAND
25-44" 2.5Y 6/4, FINE SAND, SINGLE GRAIN, LOOSE IN HAND
44-72" 2.5Y 6/3, FINE SAND, SUBANGULAR BLOCKY,
SOMEWHAT FIRM IN PLACE FRIABLE IN HAND,
15% CONCENTRATIONS

S.H.W.T. @ 44"
RESTRICTIVE LAYER - NONE
LEDGE - NONE
FEW ROOTS TO 36"
PERC RATE = 3.65 MIN/INCH

TEST PIT #4003

0-4" 10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4-24" 10YR 5/6, FINE LOAMY SAND, GRANULAR, LOOSE IN HAND
24-49" 7.5YR 5/8, COARSE GRAVEL, SINGLE GRAIN, LOOSE IN HAND
CEMENTED IN PLACE

S.H.W.T. @ 40"
RESTRICTIVE LAYER - NONE
LEDGE - NONE
FEW ROOTS TO 24"
PERC RATE = 3.53 MIN/INCH

TEST PIT #4004

0-4" 10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4-42" 10YR 5/4, FINE LOAMY SAND, BLOCKY, LOOSE IN HAND
42-72" 2.5Y 6/8, FINE LOAMY SAND, BLOCKY, FIRM IN HOLE
LOOSE IN HAND, COBBLES THROUGH OUT

S.H.W.T. @ 42"
RESTRICTIVE LAYER - NONE
LEDGE - NONE
FEW ROOTS TO 40"
PERC RATE = 2.42 MIN/INCH

TEST PIT #4005

0-6" 10YR 3/2, FINE LOAMY SAND, GRANULAR, FRIABLE
6-40" 10YR 5/4, FINE LOAMY SAND, GRANULAR, FRIABLE
40-66" 2.5Y 7/4, FINE LOAMY SAND, BLOCKY, FIRM IN HOLE
FRIABLE IN HAND, 25% MOTTLES

S.H.W.T. @ 40"
RESTRICTIVE LAYER - NONE
LEDGE - NONE
FEW ROOTS TO 40"
PERC RATE = 0.65 MIN/INCH

FOR TOWN APPROVAL PURPOSES :

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

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

TEST PIT DATA
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : N/A
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
No. 805
KENNETH BERRY
LAND LICENSED SURVEYOR

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,690 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE INTENT OF THIS PLAN IS TO SHOW THE CONSTRUCTION PHASES OF THE SITE PLAN.

GRAPHIC SCALE

50 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

FOR TOWN APPROVAL PURPOSES :

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

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 LAND IS 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. DRAINAGE INFRASTRUCTURE IS TO BE CONSTRUCTED BEFORE ROUTING WATER TO BEST MANAGEMENT PRACTICES (BMPS).

PHASE #1:

TOTAL DISTURBANCE: 139,795 ± Sq. Ft., 3.21 Ac.

(CONSTRUCTION OF STORMWATER BMPS #102-#105
(CONSTRUCTION OF OLDENBURG DRIVE
(CONSTRUCTION OF OLDENBURG DRIVE UNITS #1-20
(CONSTRUCTION OF EFFLUENT DISPOSAL AREAS #1-3
(CONSTRUCTION OF GRAVEL ACCESS ROAD
(CONSTRUCTION OF COMMUNITY WELL & PLUMBING
(CONSTRUCTION OF FIRE CISTERN

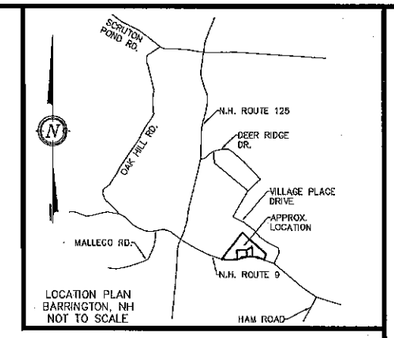
PHASE #2:

TOTAL DISTURBANCE: 116,325 ± Sq. Ft., 2.67 Ac.

(CONSTRUCTION OF GRAVEL WETLAND #101
(CONSTRUCTION OF HANOVARIAN DRIVE
(CONSTRUCTION OF HANOVARIAN DRIVE UNITS #1-20
(CONSTRUCTION OF EFFLUENT DISPOSAL AREAS #4

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

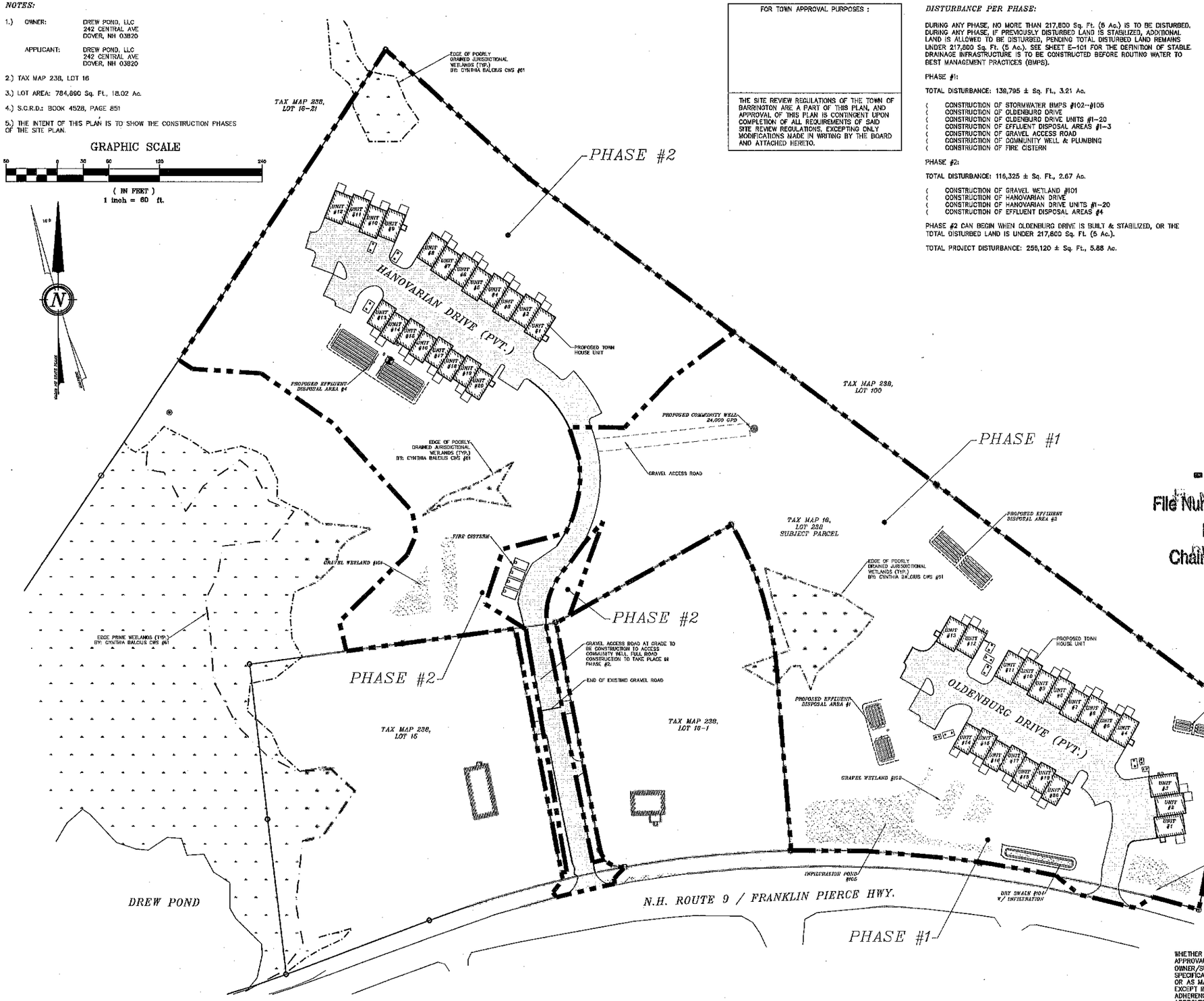
TOTAL PROJECT DISTURBANCE: 256,120 ± Sq. Ft., 5.88 Ac.



LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE

LEGEND:

- EXISTING EASEMENT LINE
- EXISTING BOUNDARY LINE
- POORLY DRAINED JURISDICTIONAL WETLAND LINE
- PRIME WETLAND LINE
- PHASE LINE



PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number 238-16-1-20-Amend SR
Date 4/6/2021
Chairman

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 SITE REVIEW 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.

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NH-DOT RFM COMMENT
#5	10-27-20	REVISED PER TOWN COMMENT
#4	9-22-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

CONSTRUCTION PHASING PLAN
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 60 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

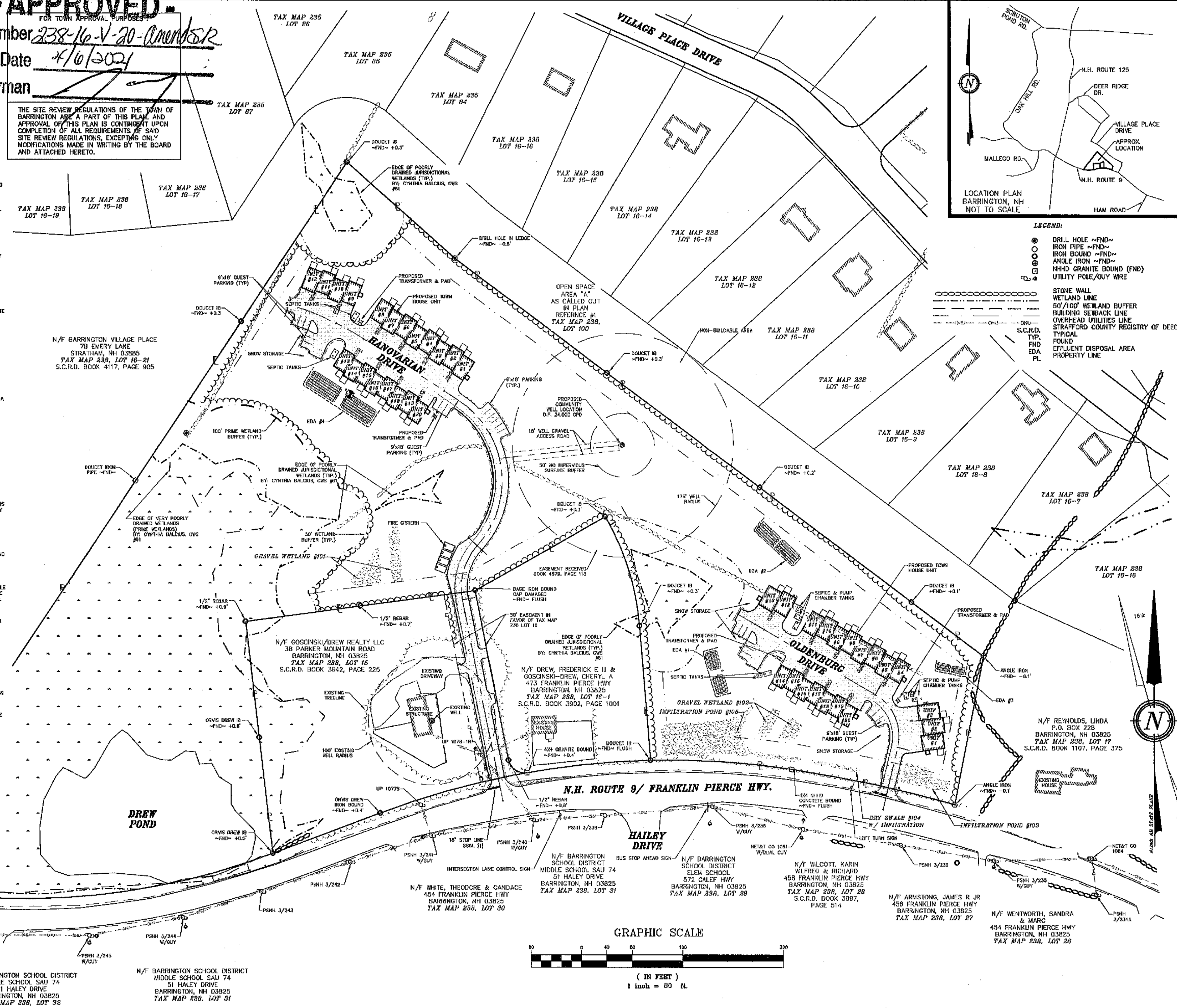
STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED
PROFESSIONAL ENGINEER

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
FOR TOWN APPROVAL PURPOSES
File Number 238-16-V-20-Amend&R
Date 4/6/2021
Chairman

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

NOTES:

1. OWNER: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
2. APPLICANT: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
3. TAX MAP 238, LOT 16
4. LOT AREA: 784,890 SQ. FT., 18.02 ACRES
5. S.C.R.D. BOOK 4528, PAGE 881
6. ZONING: VILLAGE DISTRICT
   SETBACKS:
   FRONTAGE: 200 FEET, MINIMUM
   MIN. LOT AREA: 80,000 Sq. Ft.
   FRONT SETBACK: 40 FEET
   SIDE SETBACK: 30 FEET
   REAR SETBACK: 30 FEET
   MIN. BUILDING HEIGHT: 35 FEET
   MAX. LOT COVERAGE: 40%
7. THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE OVERALL SITE DESIGN.
8. I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, PART OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# -- 330176, MAP# -- 33017C0305E, DATED: SEPTEMBER 30, 2015.
9. PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN JULY 2017 WITH AN ERROR OF CLOSURE GREATER THAN 1 IN 10,000 UNDER NO SNOW CONDITIONS.
10. AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE MYLAR MEDIUM AND IN A DIGITAL DXF FORMAT ON DISK TO THE TOWN OF BARRINGTON PLANNING OFFICE UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A L.L.S. OR P.E.
11. TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN THE SUMMER OF 2017 UNDER NO SNOW CONDITIONS AND IS SHOWN AT 1 FOOT INTERVALS
12. 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.
13. ALL ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.
14. THE PROPOSED UNITS WILL BE SERVED BY ON SITE SEPTIC AND WELL. (COMMUNITY SYSTEMS)
15. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN AND STATE CODES.
16. ALL EROSION CONTROL NOTES SHALL INCLUDE PROVISIONS FOR CONSTRUCTION SEQUENCING, TEMPORARY EROSION CONTROL MEASURES, AND PERMANENT STANDARDS SUCH AS LOAM SPREAD RATE FOR DISTURBED AREAS, RATES OF LIME, TYPE AND RATES FOR FERTILIZER, AND SEED AND MULCH MIXTURE WITH RATES OF APPLICATION.
17. THE LIMITS OF CONSTRUCTION DISTURBANCE SHALL BE STAKED, FLAGGED AND CLEARLY IDENTIFIED PRIOR TO THE COMMENCEMENT OF SITE WORK.
18. ALL TREATMENT SWALES TO BE CONSTRUCTED SHALL HAVE SOD BOTTOMS.
19. A LETTER OF CREDIT FOR THE COST OF RE-VEGETATING ALL DISTURBED AREAS ON THE SITE SHALL BE SUBMITTED PRIOR TO ANY EARTH DISTURBING ACTIVITY OCCURS. COORDINATE WITH TOWN OF BARRINGTON, PLANNING OFFICE.
20. A PRE-CONSTRUCTION CONFERENCE WITH THE DEVELOPER, THE DESIGN ENGINEER, THE EARTHWORK CONTRACTOR, AND THE TOWN ENGINEER SHALL OCCUR PRIOR TO ANY EARTH DISTURBING ACTIVITY.
21. BUILDING ADDRESSES SHALL BE ASSIGNED BY THE ASSESSING OFFICE AT THE TIME OF ISSUANCE OF A BUILDING PERMIT.
22. THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:
   ALTERATION OF TERRAIN PERMIT (AOT): AoT-1877
   DIVISION OF HISTORICAL RESOURCES: #10630
   NHDES SUBSURFACE DISPOSAL PERMIT: #WN202101489
   NATURAL HERITAGE BUREAU: NHB19-1010
   NHDES PUBLIC WATER SUPPLY: CONCEPT APPROVAL #DR003550
   NHDOT DRIVEWAY PERMIT: #06-027-565
23. CALL DIG SAFE PRIOR TO BEGINNING WORK (1-888-344-7233)
24. ALL CONSTRUCTION SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2016). CONSTRUCTION SHALL ALSO CONFORM TO THE TOWN OF BARRINGTON POLICIES AND PRACTICES, AND TOWN OF BARRINGTON SUBDIVISION AND SITE REGULATIONS.
25. WRITTEN DIMENSION ON THIS PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION 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 NOTIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR IS TO CONFIRM ALL ELEVATIONS. CONFLICTS WILL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
26. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH EVERSOURCE AT (603) 436-7708. ALL ELECTRIC CONDUIT INSTALLATION SHALL BE INSPECTED BY EVERSOURCE PRIOR TO BACKFILL. A 48-HOUR MINIMUM NOTICE IS REQUIRED.
27. CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH ATLANTIC BROADBAND COMMUNICATIONS AT (603) 427-5525, OR CONSOLIDATED COMMUNICATIONS AT (800) 240-5019, AS APPLICABLE.
28. CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH ATLANTIC BROADBAND.
29. IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER, EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.
30. PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.
31. ALL THE TOWNHOUSE UNITS WILL BE SPRINKLED.
32. PHASE ONE IS TO BE FULLY CONSTRUCTED AND STABLE BEFORE THE CONSTRUCTION OF PHASE TWO BEGINS. THE CONSTRUCTION OF PHASE ONE INCLUDES 139,795 Sq. Ft. (3.21 Ac.) OF DISTURBANCE. PHASE TWO PROPOSES 116,625 Sq. Ft. (2.67 Ac.) OF DISTURBANCE.
33. SEE NHDOT PLANS FOR INTERSECTION DETAILS.
34. 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.
35. IN ACCORDANCE WITH TOWN REGULATIONS AND RSA-676:13, 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.
36. THE APPLICANT INTENTS TO HEAT AND COOL WITH INDIVIDUAL "MINI SPLITS".
37. 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 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.



LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHD GRANITE BOUND (FND)
- UTILITY POLE/GUY WIRE
- STONE WALL
- WETLAND LINE
- 50'/100' WETLAND BUFFER
- BUILDING SETBACK LINE
- OVERHEAD UTILITIES LINE
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. TYPICAL
- FND FOUND
- EDA EFFLUENT DISPOSAL AREA
- PL PROPERTY LINE

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

OVERVIEW SITE PLAN
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

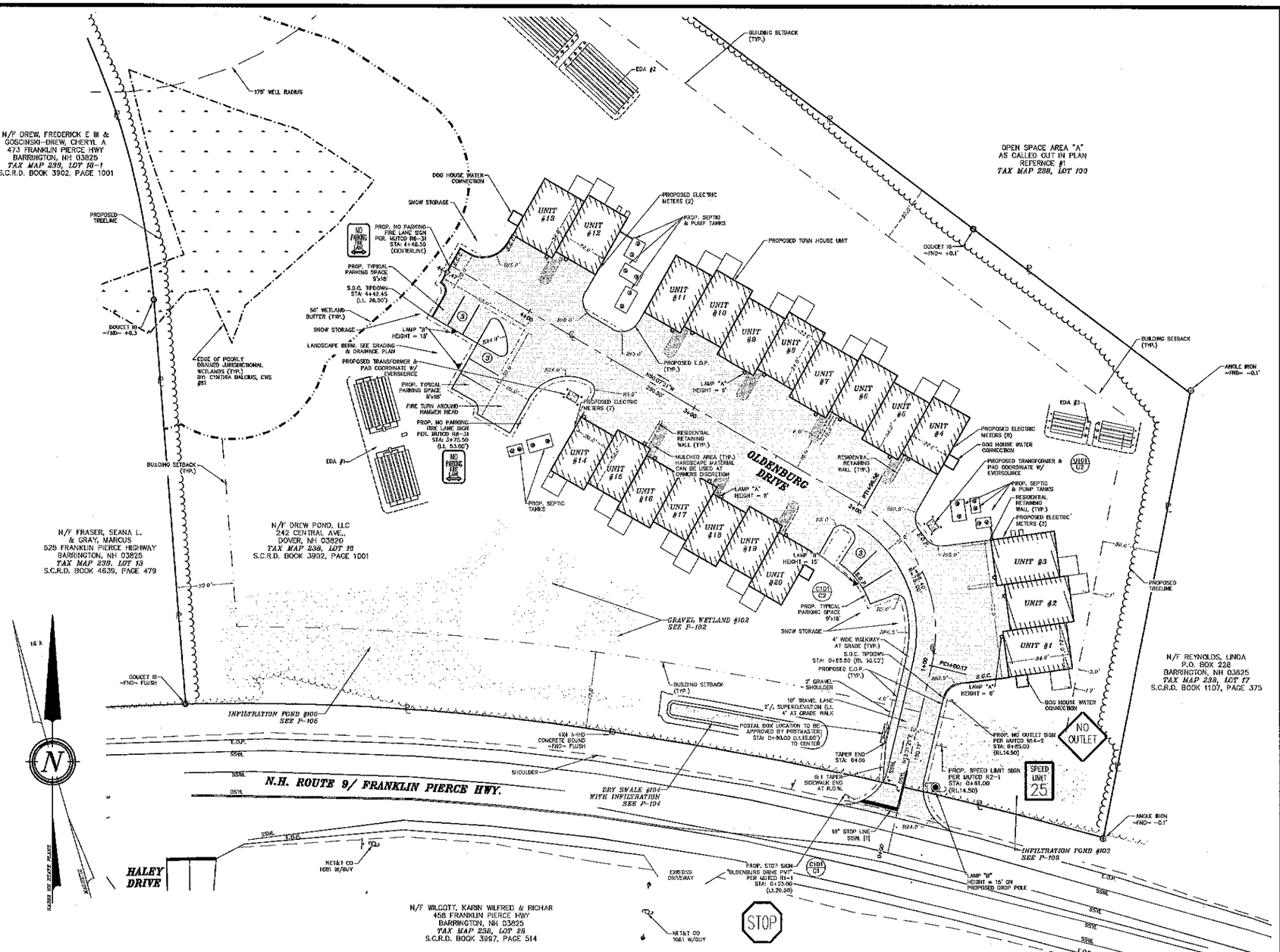
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

SCALE : 1 IN. EQUALS 80 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED
PROFESSIONAL ENGINEER

NOTES:

1. OWNER: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
2. APPLICANT: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
3. TAX MAP 238, LOT 16
4. LOT AREA: 784,880.SQ. FT., 18.02 ACRES
5. S.C.R.D. BOOK 4528, PAGE 651
6. ZONING: VILLAGE DISTRICT
   SETBACKS:
   FRONTAGE: 200 FEET, MINIMUM
   MIN. LOT AREA: 60,000 Sq. Ft.
   FRONT SETBACK: 40 FEET
   SIDE SETBACK: 30 FEET
   REAR SETBACK: 30 FEET
   MIN. BUILDING HEIGHT: 35 FEET
   MAX. LOT COVERAGE: 40%
7. THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE OLDENBURG DRIVE SITE DESIGN.
8. I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, PART OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REP.: FEMA COMMUNITY# – 330176, MAP# – 33017C0305E, DATED: SEPTEMBER 30, 2015.
9. PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN JULY 2017 WITH AN ERROR OF CLOSURE GREATER THAN 1 IN 20,000 UNDER NO SNOW CONDITIONS.
10. AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE MYLAR MEDIUM AND IN A DIGITAL DXF FORMAT ON DISK TO THE TOWN OF BARRINGTON PLANNING OFFICE UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A L.L.S. OR P.E.
11. TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN THE SUMMER OF 2017 UNDER NO SNOW CONDITIONS AND IS SHOWN AT 1 FOOT INTERVALS
12. SEE OVERVIEW SITE PLAN, SHEET #7, FOR PROJECT NOTES.



WAIVERS:
TANGENT LENGTH BETWEEN REVERSE CURVES (12.2.1 TABLE 1): APPROVED
SHOULDER WIDTH (12.2.1, TABLE 1): APPROVED
MAXIMUM GRADE WITHIN 100' OF INTERSECTION (12.7 TABLE 2): APPROVED
MAXIMUM GRADE OF DITCHES (12.8.8(4)): APPROVED
CURBING AND CATCH BASIN REQUIREMENTS (12.8.9): APPROVED
MINIMUM PIPE SIZE IN DRAIN SYSTEMS (4.7.7): APPROVED

LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHD GRANITE BOUND (FND)
- UTILITY POLE/GUY WIRE
- STONE WALL
- WETLAND LINE
- 50'/100' WETLAND BUFFER
- BUILDING SETBACK LINE
- OVERHEAD UTILITIES LINE
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. TYPICAL
- FND FOUND
- EDA EFFLUENT DISPOSAL AREA
- PL PROPERTY LINE

FOR TOWN APPROVAL PURPOSES :

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

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

PLANNING BOARD
BARRINGTON, NH
"APPROVED"
File Number 238-16-V'20-Amd
Date 4/6/2021
Chairman

REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RFMI COMMENT
#4	10-27-20	REVISED PER DB&K COMMENT
#3A	9-22-20	MAST ARM LIGHTING REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

(PHASE I)

SITE PLAN OLDENBURG DRIVE
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 30 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 10243
LICENSED
PROFESSIONAL ENGINEER

NOTES:

1. OWNER: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
2. APPLICANT: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
3. TAX MAP 238, LOT 16
4. LOT AREA: 784,899 SQ. FT., 18.02 ACRES
5. S.C.R.D. BOOK 4528, PAGE 854
6. ZONING: VILLAGE DISTRICT
   SETBACKS:
   FRONTAGE: 200 FEET, MINIMUM
   MIN. LOT AREA: 80,000 Sq. Ft.
   FRONT SETBACK: 40 FEET
   SIDE SETBACK: 30 FEET
   REAR SETBACK: 30 FEET
   MIN. BUILDING HEIGHT: 35 FEET
   MAX. LOT COVERAGE: 40%
7. THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE HANOVARIAN DRIVE SITE DESIGN.
8. I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, PART OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD ROF.: FEMA COMMUNITY# – 330178, MAP# – 33017C0306E, DATED: SEPTEMBER 30, 2016.
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10. AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE MYLAR MEDIUM AND IN A DIGITAL DXF FORMAT ON DISK TO THE TOWN OF BARRINGTON PLANNING OFFICE UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A L.L.S. OR P.E.
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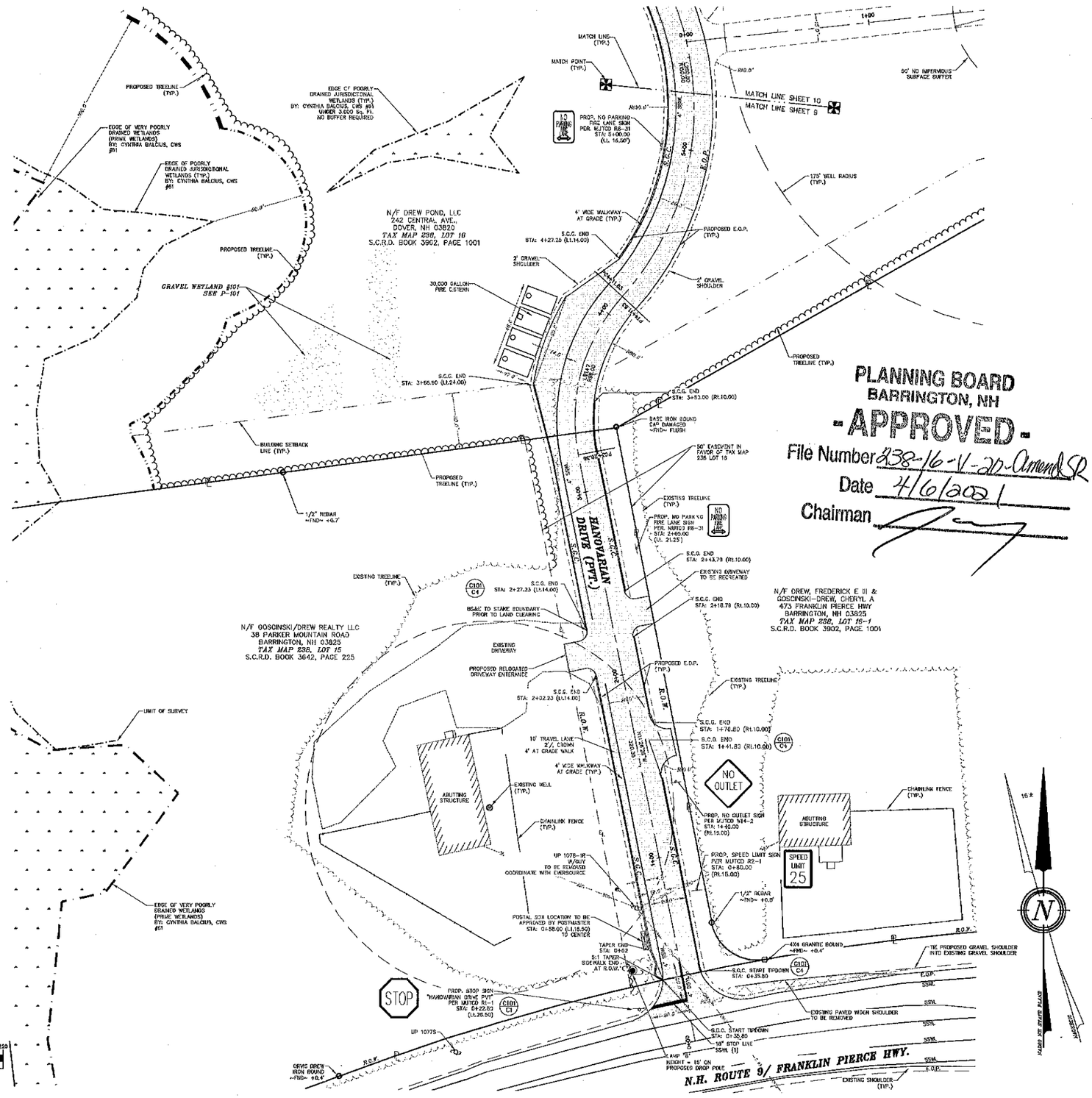
12. SEE OVERVIEW SITE PLAN, SHEET #7, FOR PROJECT NOTES.



PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number 238-16-V-20-Amend SR
Date 4/6/2021
Chairman

WAIVERS:
TANGENT LENGTH BETWEEN REVERSE CURVES (12.2.1 TABLE 1): APPROVED
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MAXIMUM GRADE WITHIN 100' OF INTERSECTION (12.7 TABLE 2): APPROVED
MAXIMUM GRADE OF DITCHES (12.8.8(4)): APPROVED
CURBING AND CATCH BASIN REQUIREMENTS (12.8.9): APPROVED
MINIMUM PIPE SIZE IN DRAIN SYSTEMS (4.7.7): APPROVED

FOR TOWN APPROVAL PURPOSES :

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LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHD GRANITE BOUND (FND)
- UTILITY POLE/GUY WIRE
- STONE WALL
- WETLAND LINE
- 50'/100' WETLAND BUFFER
- BUILDING SETBACK LINE
- OVERHEAD UTILITIES LINE
- STRAFFORD COUNTY REGISTRY OF DEEDS
- S.C.R.D.
- TYP. TYPICAL
- FND FOUND
- EDA EFFLUENT DISPOSAL AREA
- PL PROPERTY LINE

GRAPHIC SCALE

40 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

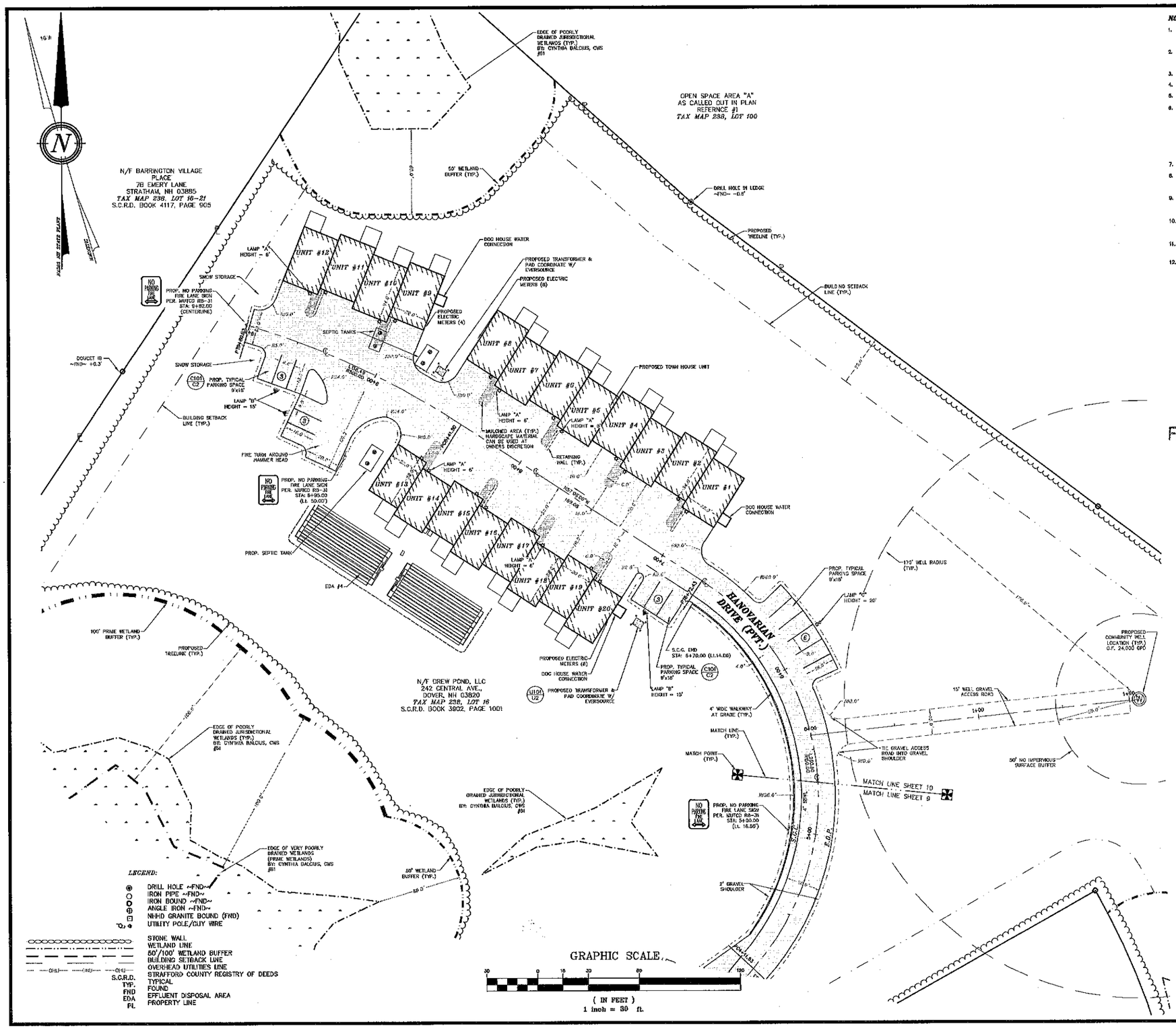
REVISION	DATE	DESCRIPTION
#8	1-18-21	REVISED PER NHDOT R/W COMMENT
#7	10-27-20	ACCESS COMMENTS PER PLANNING
#6	9-22-20	MAJOR REVISIONS PER CLIENT REQUEST
#5	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#4	10-14-19	REVISED PER AoT APPLICATION
#3	9-25-19	REVISED PER DB&K COMMENT
#2		
#1		

SITE PLAN HANOVARIAN DRIVE SOUTH (PHASE II)
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 30 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 12243
LICENSED
PROFESSIONAL ENGINEER



LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHD GRANITE BOUND (FND)
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- STONE WALL
- WETLAND LINE
- 50'/100' WETLAND BUFFER
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- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. TYPICAL
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NOTES:

1. OWNER: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
2. APPLICANT: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
3. TAX MAP 238, LOT 16
4. LOT AREA: 784,692 SQ. FT., 18.02 ACRES
5. S.C.R.D. BOOK 4526, PAGE 851
6. ZONING: VILLAGE DISTRICT
   SETBACKS:
   FRONTAGE: 200 FEET, MINIMUM
   MIN. LOT AREA: 60,000 Sq. Ft.
   FRONT SETBACK: 40 FEET
   SIDE SETBACK: 30 FEET
   REAR SETBACK: 30 FEET
   MIN. BUILDING HEIGHT: 35 FEET
   MAX. LOT COVERAGE: 40%
7. THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE HANOVARIAN DRIVE SITE DESIGN.
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12. SEE OVERVIEW SITE PLAN, SHEET #7, FOR PROJECT NOTES.

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-Amend SP
Date 4/10/2021
Chairman

WAIVERS:
TANGENT LENGTH BETWEEN REVERSE CURVES (12.2.1 TABLE 1): APPROVED
SHOULDER WIDTH (12.2.1. TABLE 1): APPROVED
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FOR TOWN APPROVAL PURPOSES :

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REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	8-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-14-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	9-25-19	REVISED PER AoT APPLICATION
#1		REVISED PER DB&K COMMENT

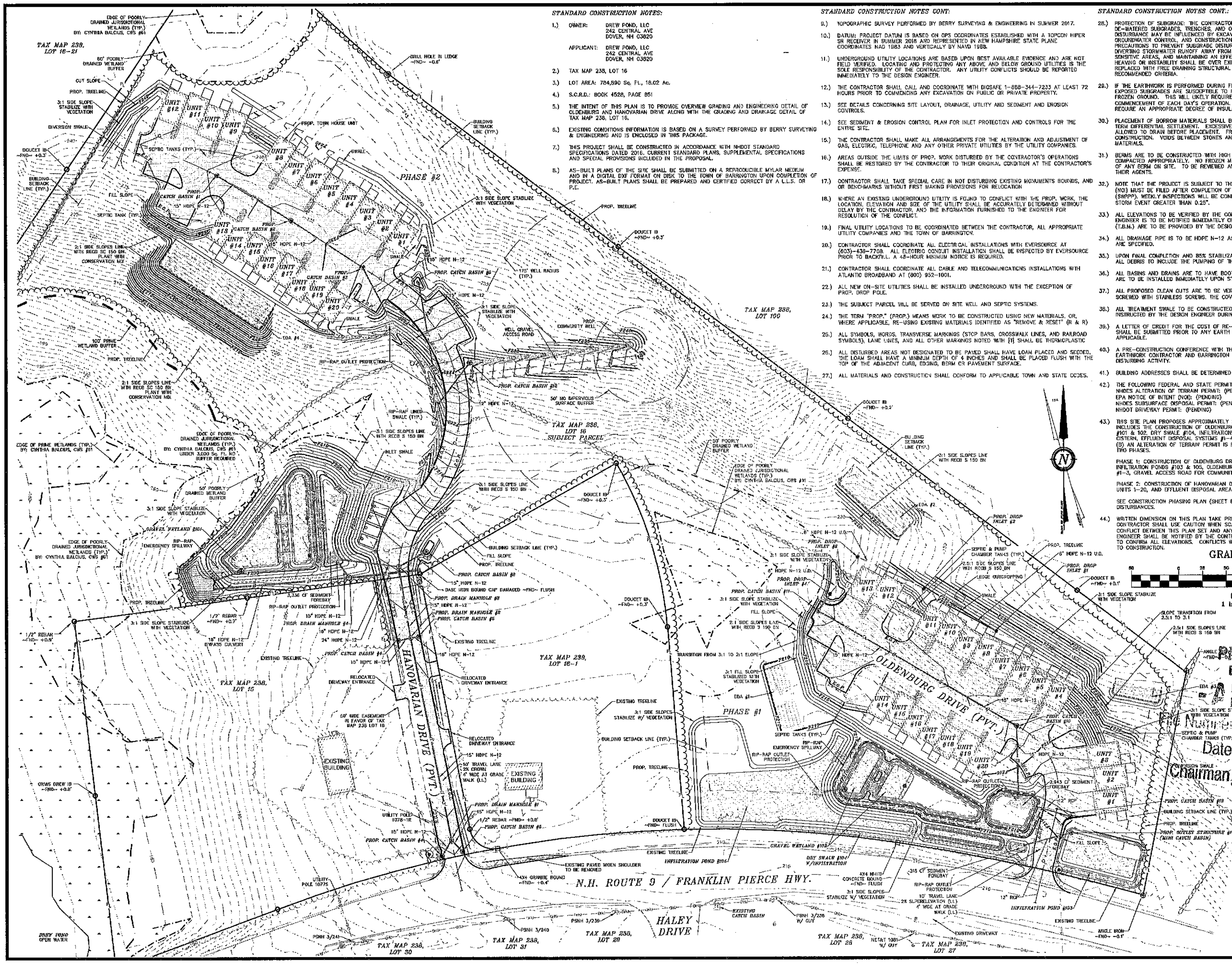
(PHASE II)

SITE PLAN HANOVARIAN DRIVE NORTH
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 30 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED
PROFESSIONAL ENGINEER



STANDARD CONSTRUCTION NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE INTENT OF THIS PLAN IS TO PROVIDE OVERVIEW GRADING AND ENGINEERING DETAIL OF OLDENBURG AND HANOVARIAN DRIVE ALONG WITH THE GRADING AND DRAINAGE DETAIL OF TAX MAP 238, LOT 16.

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 2016, 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 MYLAR MEDIUM AND IN A DIGITAL DXF FORMAT ON DISK TO THE TOWN OF BARRINGTON UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A L.L.S. OR P.E.

STANDARD CONSTRUCTION NOTES CONT:

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 SUMMER 2018 AND REPRESENTED IN NEW HAMPSHIRE STATE PLANE COORDINATES NAD 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 CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.

12.) 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.

13.) SEE DETAILS CONCERNING SITE LAYOUT, DRAINAGE, UTILITY AND SEDIMENT AND EROSION CONTROLS.

14.) SEE SEDIMENT & EROSION CONTROL PLAN FOR INLET PROTECTION 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 PROP. WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR 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 PROP. 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.

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 EVERSOURCE AT (603)-436-7708. ALL ELECTRIC CONDUIT INSTALLATION SHALL BE INSPECTED BY EVERSOURCE PRIOR TO BACKFILL. A 48-HOUR MINIMUM NOTICE IS REQUIRED.

21.) CONTRACTOR SHALL COORDINATE ALL CABLE AND TELECOMMUNICATIONS INSTALLATIONS WITH ATLANTIC BROADBAND AT (800) 952-1001.

22.) ALL NEW ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND WITH THE EXCEPTION OF PROP. DROP POLE.

23.) THE SUBJECT PARCEL WILL BE SERVED ON SITE WELL AND SEPTIC SYSTEMS.

24.) THE TERM "PROP." (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 BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH {T} SHALL BE THERMOPLASTIC

26.) ALL DISTURBED 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, EDGING, BERM OR PAVEMENT SURFACE.

27.) ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN AND STATE CODES.

STANDARD CONSTRUCTION NOTES CONT.:

28.) PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DE-WATERED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE INFLUENCED BY EXCAVATION METHODS, MOISTURE, PRECIPITATION, GROUNDWATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER RUNOFF AWAY FROM CONSTRUCTION AREAS, REDUCING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL MEETING THE ENGINEERS SPECIFIC RECOMMENDED CRITERIA.

29.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.

30.) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.

31.) BERMS 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 BERM 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). WEEKLY INSPECTIONS WILL BE CONDUCTED BY THE DESIGN ENGINEER AND AFTER A STORM 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 HDPE N-12 ASTM F2648. (GREEN PIPE) INDIVIDUAL PIPE SIZES ARE SPECIFIED.

35.) UPON FINAL COMPLETION AND 85% STABILIZATION THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS TO INCLUDE THE PUMPING OF THE BASIN SUMPS.

36.) ALL BASINS AND DRAINS ARE TO HAVE BOOTS INSTALLED ON ALL INLETS AND OUTLETS. HOODS ARE TO BE INSTALLED IMMEDIATELY UPON STRUCTURE CONSTRUCTION.

37.) ALL PROPOSED CLEAN OUTS ARE TO BE VERTICAL 12" N-12 PIPE WITH CAST IRON COVERS SCREWED WITH STAINLESS SCREWS. THE COVER IS TO BE DEMARCATED WITH A "D".

38.) ALL TREATMENT SWALE TO BE CONSTRUCTED SHALL HAVE SOD BOTTOMS UNLESS OTHERWISE INSTRUCTED BY THE DESIGN ENGINEER DURING CONSTRUCTION.

39.) A LETTER OF CREDIT FOR THE COST OF RE-VEGETATING 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.

42.) THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:
NHDES ALTERATION OF TERRAIN PERMIT: (PENDING)
EPA NOTICE OF INTENT (NOI): (PENDING)
NHDES SUBSURFACE DISPOSAL PERMIT: (PENDING)
NHDOT DRIVEWAY PERMIT: (PENDING)

43.) THIS SITE PLAN PROPOSES APPROXIMATELY 256,120 SQ. FT. OF DISTURBANCE. THIS VALUE INCLUDES THE CONSTRUCTION OF OLDENBURG DRIVE, HANOVARIAN DRIVE, GRAVEL WETLANDS #101 & 102, DRY SWALE #104, INFILTRATION PONDS #103 & 105 COMMUNITY WELL, FIRE CISTERN, EFFLUENT DISPOSAL SYSTEMS #1-4 AND 40 TOWNHOUSE UNITS. PER ENV-WQ 1503.12 (B) AN ALTERATION OF TERRAIN PERMIT IS REQUIRED. THIS PROJECT WILL BE CONSTRUCTED IN TWO PHASES.

PHASE 1: CONSTRUCTION OF OLDENBURG DRIVE, GRAVEL WETLAND #102, DRY SWALE #104, INFILTRATION PONDS #103 & 105, OLDENBURG DRIVE UNITS 1-20, EFFLUENT DISPOSAL AREAS #1-3, GRAVEL ACCESS ROAD FOR COMMUNITY WELL, AND FIRE CISTERN.

PHASE 2: CONSTRUCTION OF HANOVARIAN DRIVE, GRAVEL WETLAND #101, HANOVARIAN DRIVE UNITS 1-20, AND EFFLUENT DISPOSAL AREA #4.

SEE CONSTRUCTION PHASING PLAN (SHEET 6) FOR FURTHER BREAKDOWN OF PHASING AND DISTURBANCES.

44.) WRITTEN DIMENSION ON THIS PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION 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 NOTIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR IS TO CONFIRM ALL ELEVATIONS. CONFLICTS WILL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-AmendSR
Date 4/6/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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

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OVERVIEW GRADING PLAN
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 50 FT.
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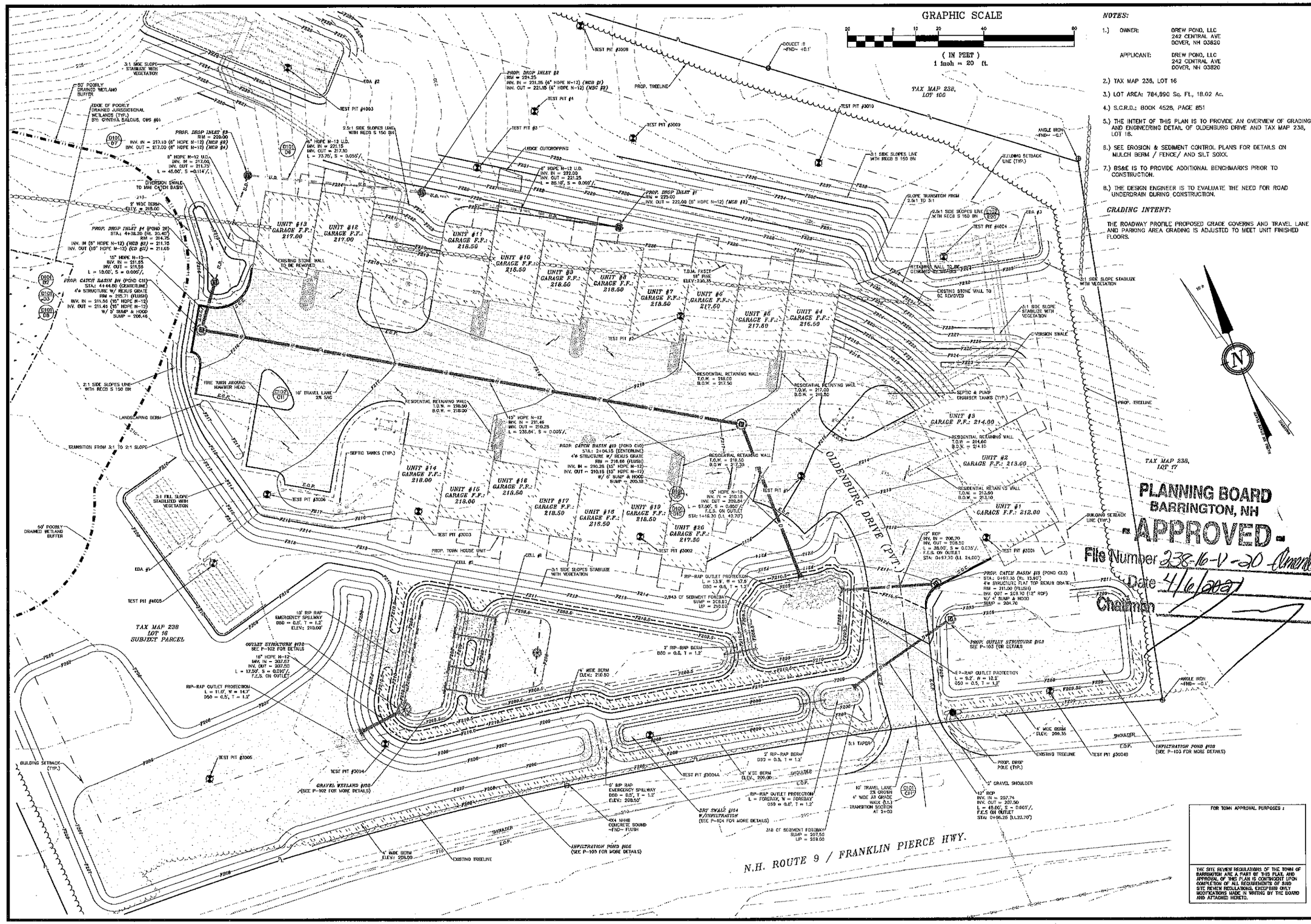
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER



NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE INTENT OF THIS PLAN IS TO PROVIDE AN OVERVIEW OF GRADING AND ENGINEERING DETAIL OF OLDENBURG DRIVE AND TAX MAP 238, LOT 16.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

8.) THE DESIGN ENGINEER IS TO EVALUATE THE NEED FOR ROAD UNDERDRAIN DURING CONSTRUCTION.

GRADING INTENT:

THE ROADWAY PROFILE PROPOSED GRADE GOVERNS AND TRAVEL LANE AND PARKING AREA GRADING IS ADJUSTED TO MEET UNIT FINISHED FLOORS.

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	8-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-11-19	RE-SUBMITTED AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

(PHASE I)
GRADING PLAN OLDENBURG DRIVE
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20 Amend SK
Date 4/6/2021
Chairman

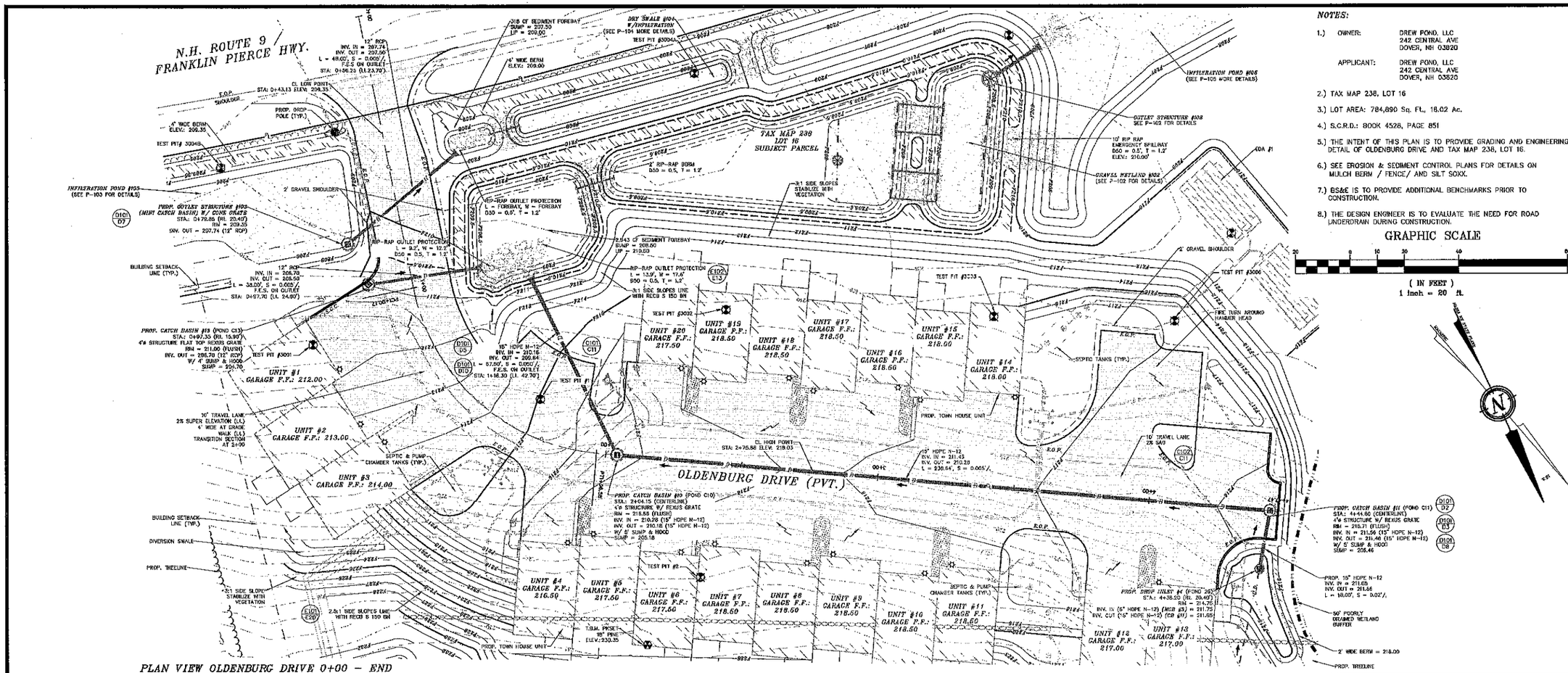
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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



PLAN VIEW OLDENBURG DRIVE 0+00 – END

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF OLDENBURG DRIVE AND TAX MAP 238, LOT 16.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

8.) THE DESIGN ENGINEER IS TO EVALUATE THE NEED FOR ROAD UNDERDRAIN DURING CONSTRUCTION.

GRAPHIC SCALE

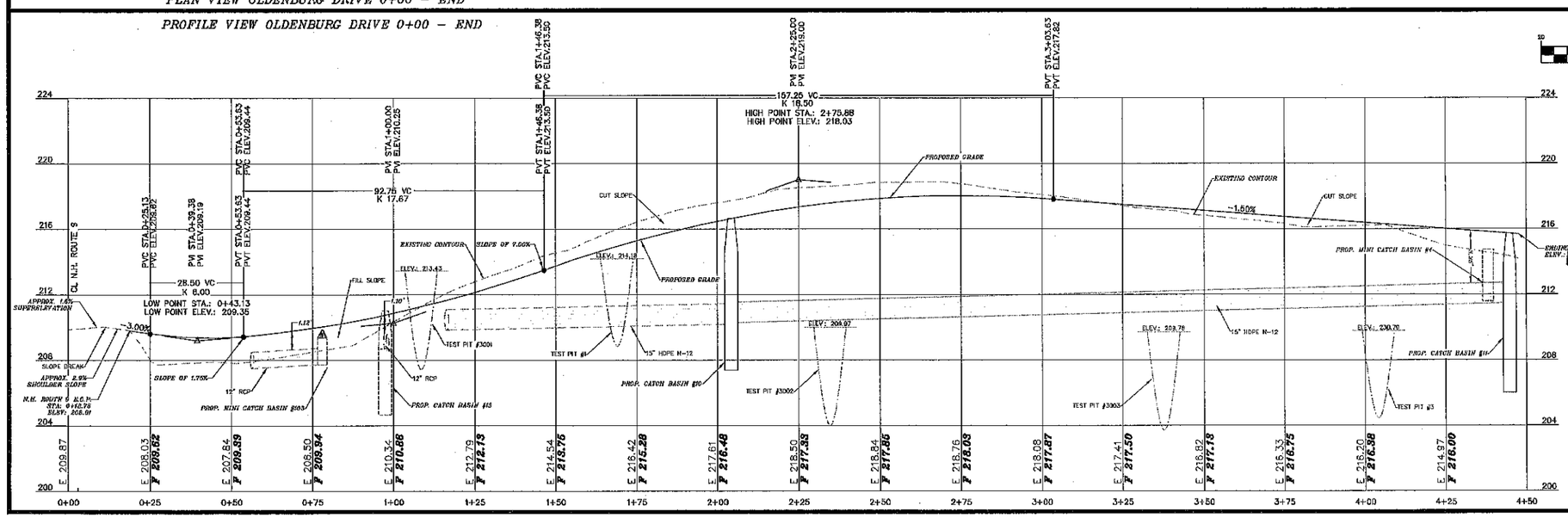
20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER A.o.T RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-10-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-10-19	REVISED PER A.o.T APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

(PHASE I)
PLAN & PROFILE OLDENBURG DRIVE 0+00 – END
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

PROFILE VIEW OLDENBURG DRIVE 0+00 – END



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

GRADING INTENT:

THE ROADWAY PROFILE PROPOSED GRADE COVERS AND TRAVEL LANE AND PARKING AREA ARE ABOVE THE FINISHED FLOORS.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-1-20 Amend 2
Date 4/6/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14285
LICENSED PROFESSIONAL ENGINEER

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE INTENT OF THIS PLAN IS TO PROVIDE AN OVERVIEW OF GRADING AND ENGINEERING DETAIL OF HANOVARIAN DRIVE AND TAX MAP 238, LOT 16.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

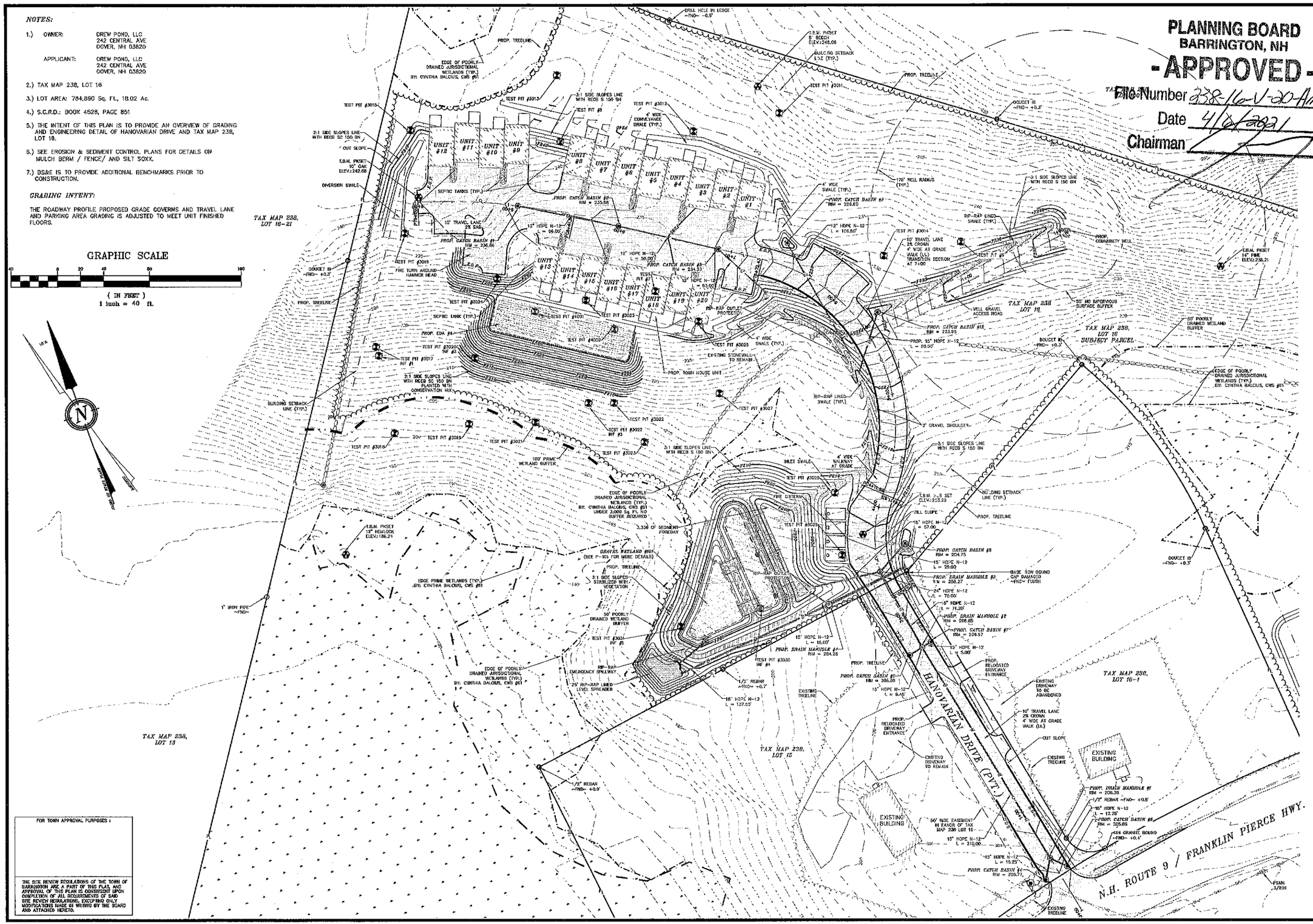
GRADING INTENT:

THE ROADWAY PROFILE PROPOSED GRADE GOVERNS AND TRAVEL LANE AND PARKING AREA GRADING IS ADJUSTED TO MEET UNIT FINISHED FLOORS.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.



FOR TOWN APPROVAL PURPOSES :

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

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-Amend
Date 4/6/2021
Chairman

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT [illegible] COMMENT
#5	10-27-20	REVISED PER AoT RPM COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

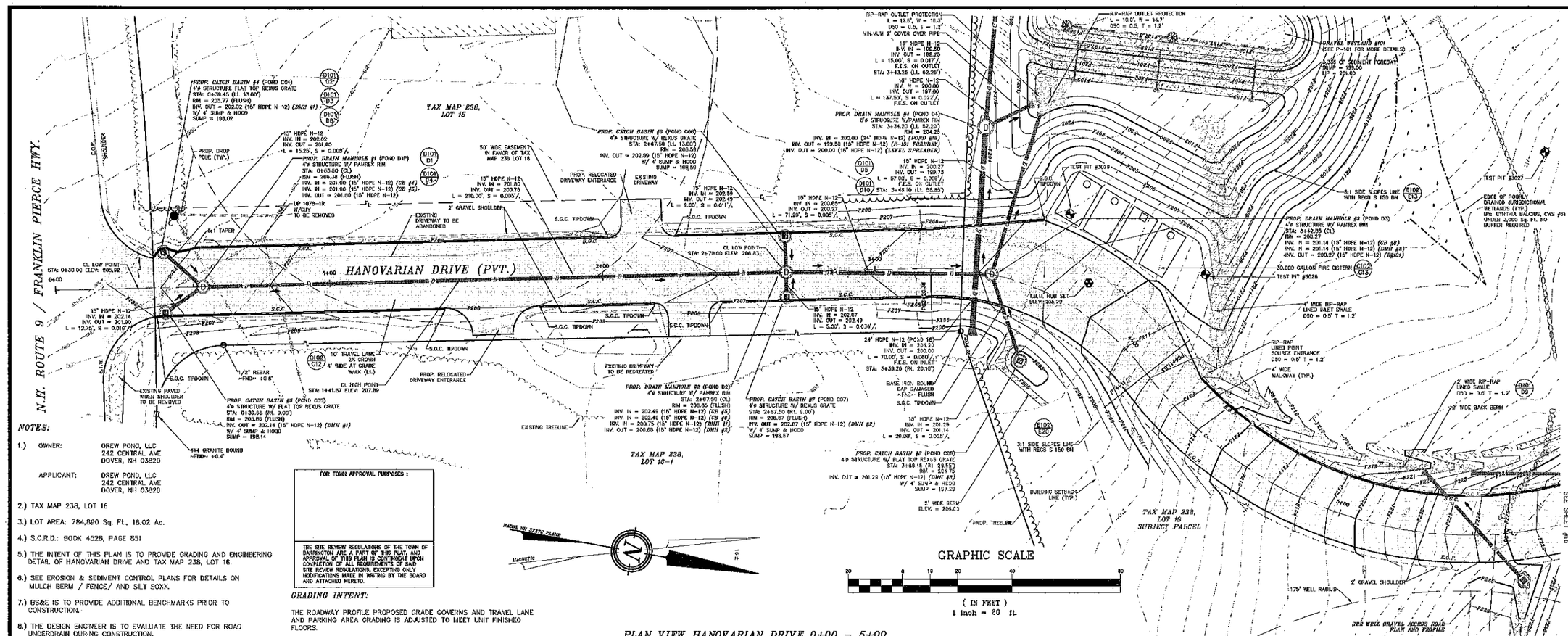
(PHASE II)
OVERVIEW GRADING PLAN HANOVARIAN DRIVE
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 40 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14263
LICENSED
PROFESSIONAL ENGINEER

SHEET 14 OF 56



NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF HANOVARIAN DRIVE AND TAX MAP 238, LOT 16.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

8.) THE DESIGN ENGINEER IS TO EVALUATE THE NEED FOR ROAD UNDERDRAIN DURING CONSTRUCTION.

FOR TOWN APPROVAL PURPOSES :

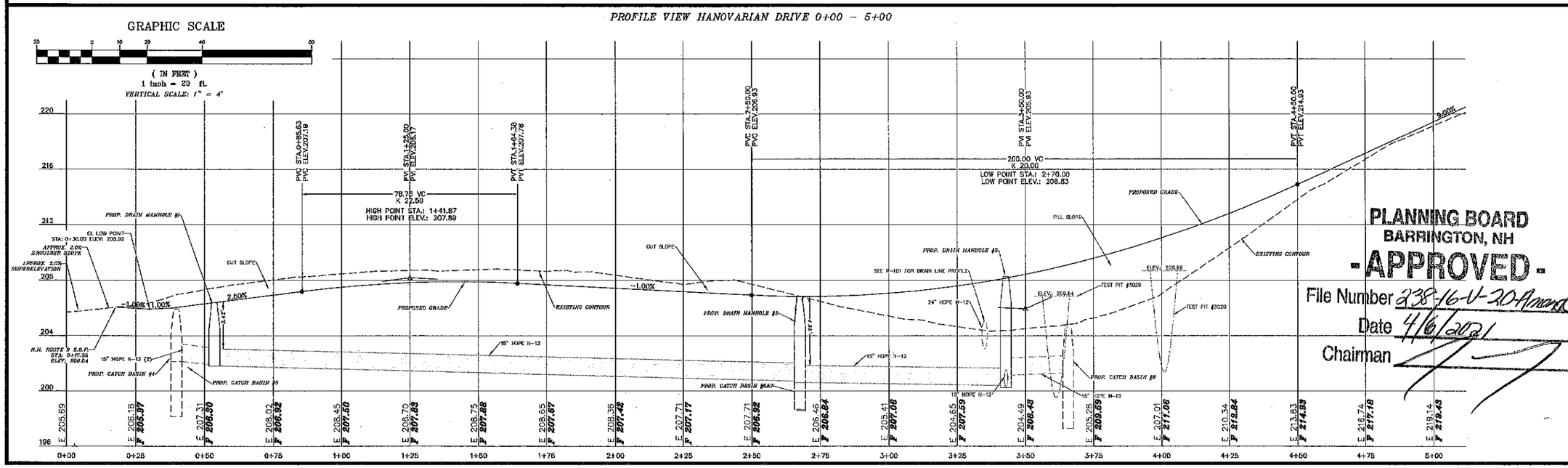
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAT, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

GRADING INTENT:

THE ROADWAY PROFILE PROPOSED GRADE GOVERNS AND TRAVEL LANE AND PARKING AREA GRADING IS ADJUSTED TO MEET UNIT FINISHED FLOORS.

PLAN VIEW HANOVARIAN DRIVE 0+00 – 5+00

PROFILE VIEW HANOVARIAN DRIVE 0+00 – 5+00



PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number 238-16-V-20 Amendment
Date 4/6/2021
Chairman

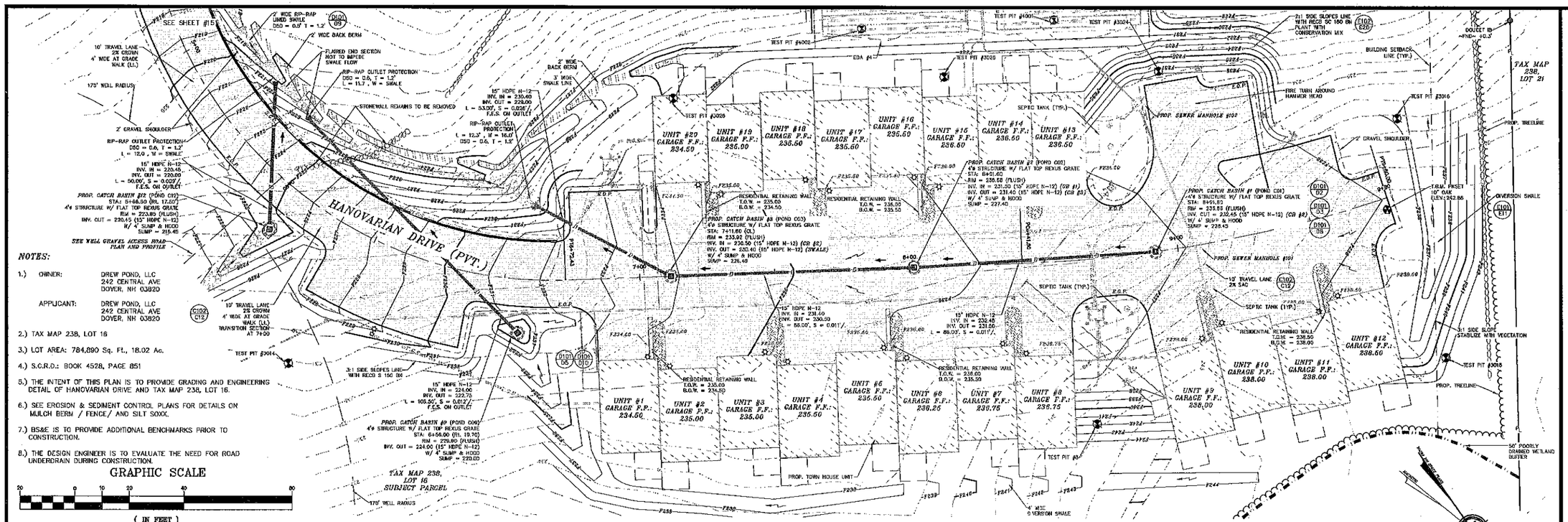
REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-23-19	REVISED PER DBSBK COMMENT

(PHASE II)
PLAN & PROFILE HANOVARIAN DRIVE 0+00 – 5+00
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED
PROFESSIONAL ENGINEER



NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF HANOVARIAN DRIVE AND TAX MAP 238, LOT 16.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

8.) THE DESIGN ENGINEER IS TO EVALUATE THE NEED FOR ROAD UNDERDRAIN DURING CONSTRUCTION.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

PLAN VIEW HANOVARIAN DRIVE 5+00 – END

GRAPHIC SCALE

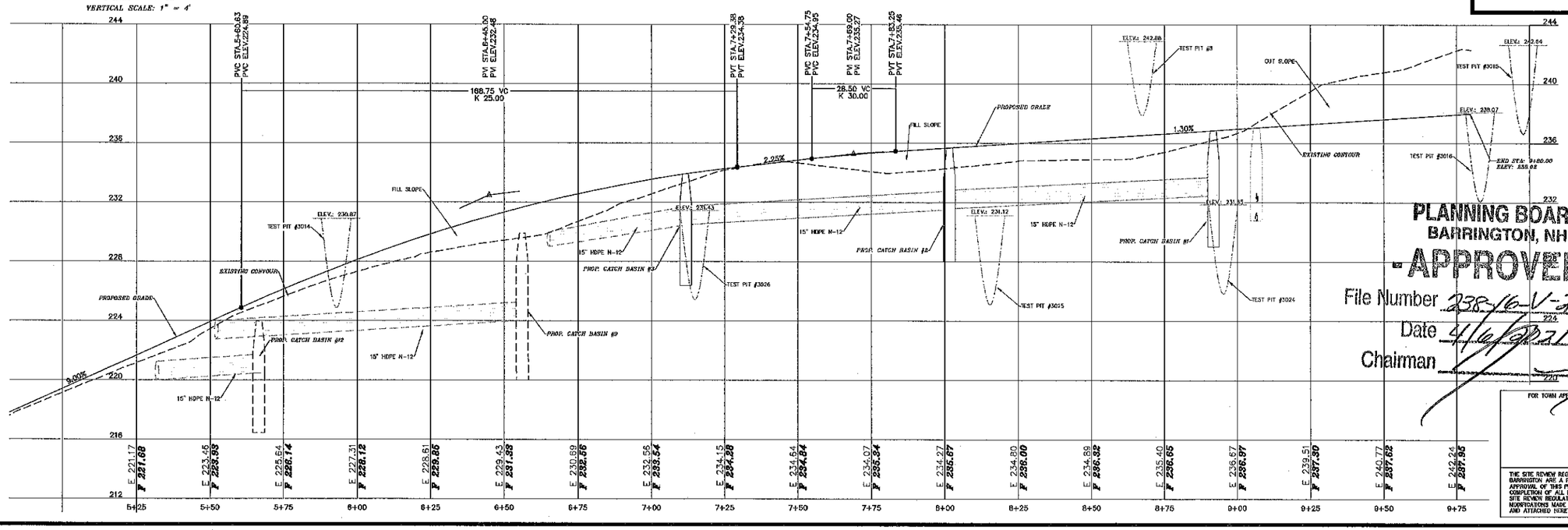
20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

PROFILE VIEW HANOVARIAN DRIVE 5+00 – END

GRADING INTENT:

THE ROADWAY PROFILE PROPOSED GRADE GOVERNS AND TRAVEL LANE AND PARKING AREA GRADING IS ADJUSTED TO MEET UNIT FINISHED FLOORS.



PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-30-Amend 5
Date 4/6/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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

REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RFMI COMMENT
#4	10-27-20	REVISED PER ACT RFMI COMMENT
#3	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#2	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#1	10-14-19	REVISED PER ACT APPLICATION
	9-23-19	REVISED PER DBE&K COMMENT

(PHASE II)

PLAN & PROFILE HANOVARIAN DRIVE 5+00 – END
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

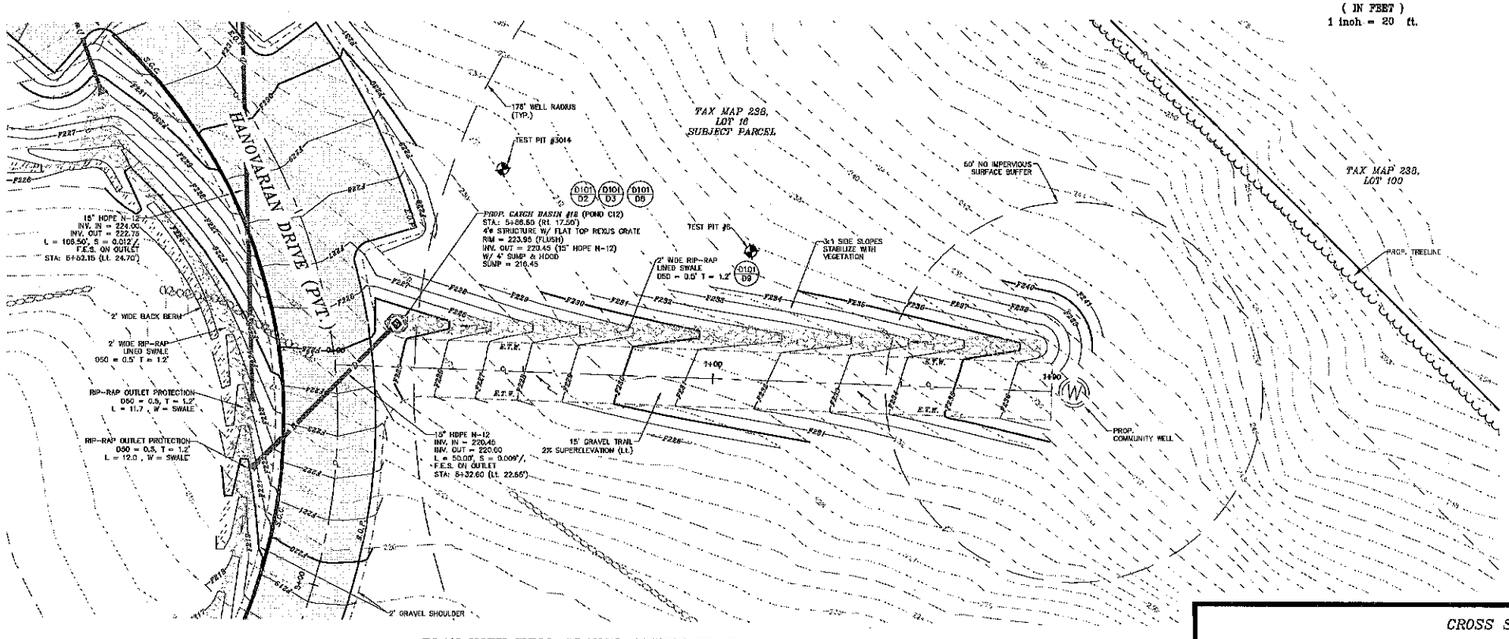
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

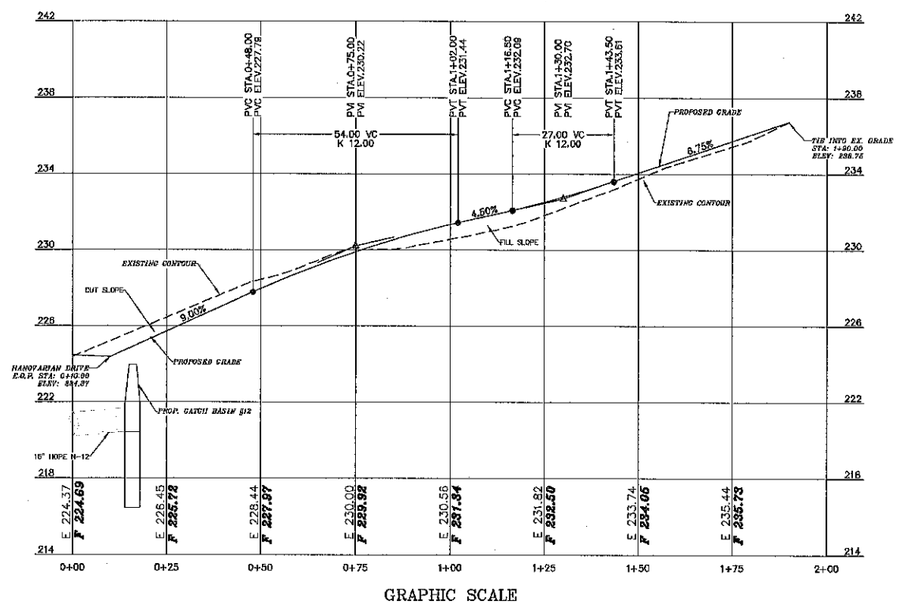
GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.



PLAN VIEW WELL GRAVEL ACCESS TRAIL 0+00 – 1+90

PROFILE VIEW WELL GRAVEL ACCESS TRAIL 0+00 – 1+90



GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

FOR TOWN APPROVAL PURPOSES :

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

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 18

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

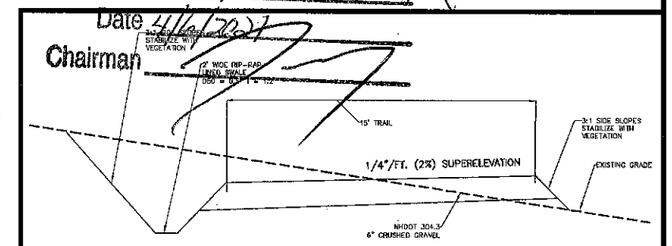
5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF HANOVARIAN DRIVE AND TAX MAP 238, LOT 16.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

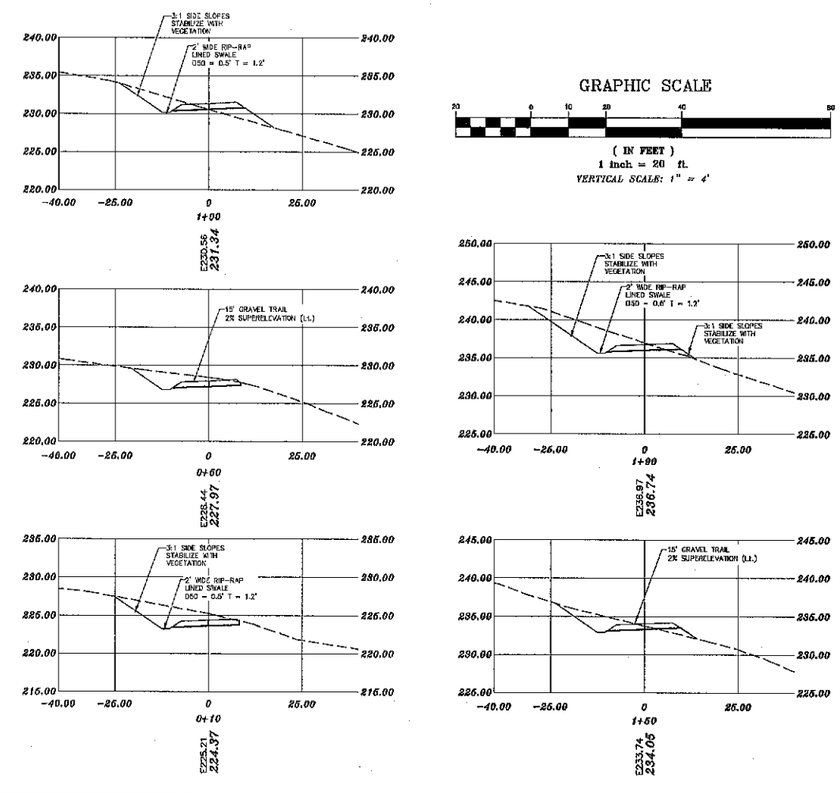
8.) THE DESIGN ENGINEER IS TO EVALUATE THE NEED FOR ROAD UNDERDRAIN DURING CONSTRUCTION.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20 AMENDER
Date 4/6/2021
Chairman



TYPICAL ROADWAY SECTION GRAVEL ACCESS 0+00–1+90
NOT TO SCALE

CROSS SECTIONS WELL GRAVEL ACCESS TRAIL 0+00–1+90



GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

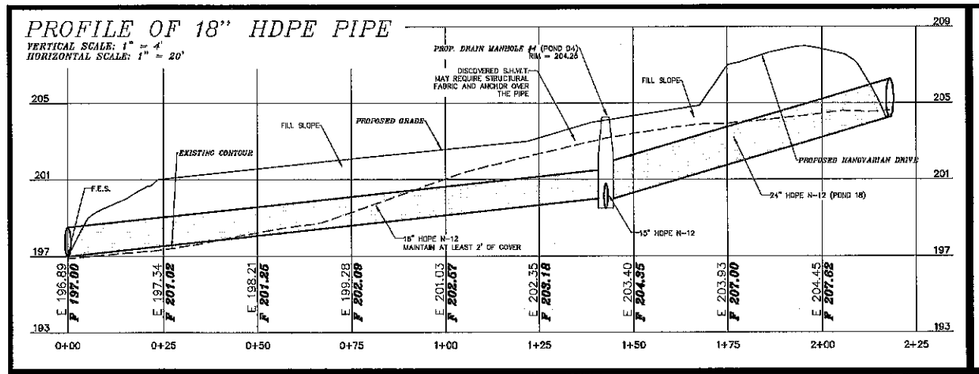
REVISION	DATE	DESCRIPTION
16	1-8-21	REVISED PER NHDOT REMI COMMENT
15	10-27-20	ADDED SUPERELEVATION
14	9-22-20	MAJOR REVISIONS PER CLIENT REQUEST
13	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
12	10-14-19	REVISED PER AoT APPLICATION
11	9-25-19	REVISED PER DB&K COMMENT

(PHASE I)
PLAN & PROFILE WELL GRAVEL ACCESS ROAD 0+00 – 1+90
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED
PROFESSIONAL ENGINEER



ACTIVITY	CLOGGING AND SYSTEM PERFORMANCE	FREQUENCY
	INSPECT INLETS AND OUTLETS TO ENSURE GOOD CONDITION AND NO EVIDENCE OF DETERIORATION. CHECK TO SEE IF HIGH-FLOW BYPASS IS FUNCTIONING. REMEDY: REPAIR OR REPLACE ANY DAMAGED STRUCTURAL PARTS, INLETS AND OUTLETS. CLEAR OR REMOVE DEBRIS OR RESTRICTIONS.	ANNUALLY, MORE FREQUENTLY IN THE FIRST YEAR OF OPERATION
	CHECK FOR INTERNAL EROSION, EVIDENCE OF SHORT-CIRCUITING, AND ANIMAL BURROWS. REMEDY: SOIL EROSION FROM SHORT-CIRCUITING OR ANIMAL BOROUGHS SHOULD BE REPAIRED WHEN THEY OCCUR.	
	CHECK THAT THE SYSTEM IS FULLY DRAINING WITHIN A 24-48 HOUR PERIOD AFTER RAIN EVENTS. REMEDY: REPAIR OR RESTORE HYDRAULIC INLET OR OUTLET CONFIGURATION.	

ACTIVITY	VEGETATION	FREQUENCY
	CHECK FOR ROBUST VEGETATION COVERAGE THROUGHOUT THE SYSTEM AND DEAD OR DYING PLANTS. REMEDY: VEGETATION SHOULD COVER > 75% OF THE SYSTEM AND SHOULD BE RESEEDED AND CARED FOR AS NEEDED	ANNUALLY, OR AS NEEDED
	CUT AND REMOVE VEGETATION FROM GRAVEL WETLAND SYSTEM AND FOREBAY IN ORDER TO MAINTAIN NITROGEN REMOVAL PERFORMANCE. REMEDY: THE VEGETATION SHOULD BE CUT AND REMOVED FROM THE SYSTEM TO PREVENT NITROGEN FROM CYCLING BACK INTO THE SYSTEM	ONCE EVERY 3 YEARS

MAINTENANCE REQUIREMENTS

DESIGN REFERENCES

1 UNH STORMWATER CENTER

3/8" WASHED CRUSHED STONE*	
SIEVE SIZE	% PASSING BY WEIGHT
1/2"	100
3/8"	85 – 100
# 4	22 – 55
# 8	0 – 10

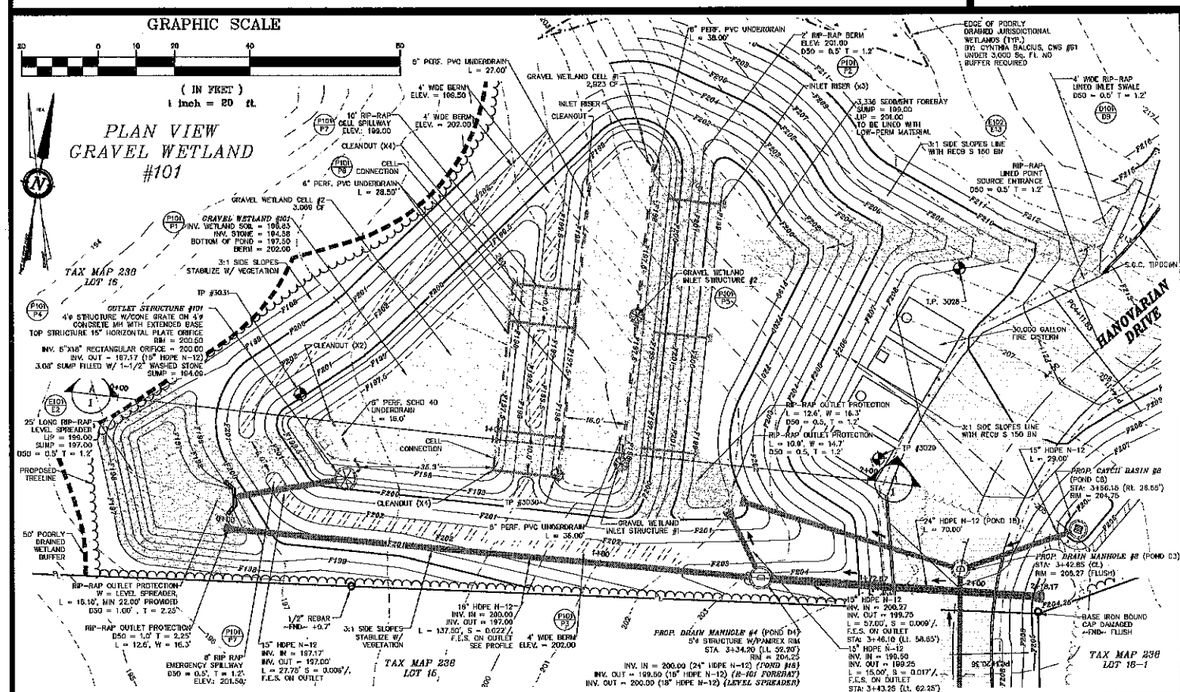
* EQUIVALENT TO STANDARD WASHED STONE – SECTION 702 OF NHDOT NHDOT STANDARD SPECIFICATIONS

1-1/2" WASHED CRUSHED STONE*	
SIEVE SIZE	% PASSING BY WEIGHT
2"	100
1-1/2"	90 – 100
1"	20 – 55
1-1/2"	0 –15
3/8"	0 –5

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

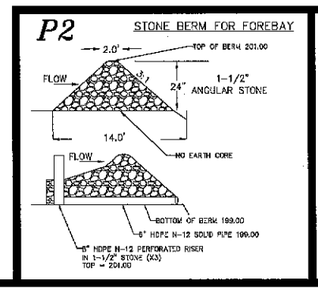
WETLAND SOIL	
SIEVE SIZE	% PASSING BY WEIGHT
0.5	100
#10	90 – 75
#100	40 – 50
#200	25 –50
SIEVE SIZE	% PASSING TOLERANCES
0.5	±10.0
#10	±5.0
#100	±5.0
#200	±5.0

P1

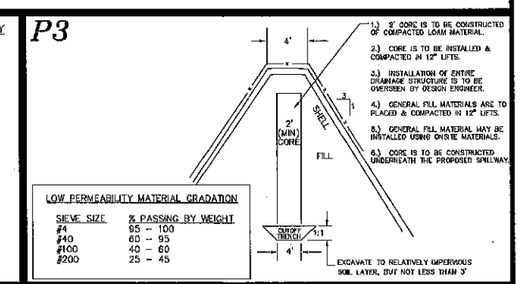


LOW PERMEABILITY MATERIAL GRADATION	
SIEVE SIZE	% PASSING BY WEIGHT
#4	95 – 100
#40	60 – 95
#100	40 – 60
#200	25 – 45

P2

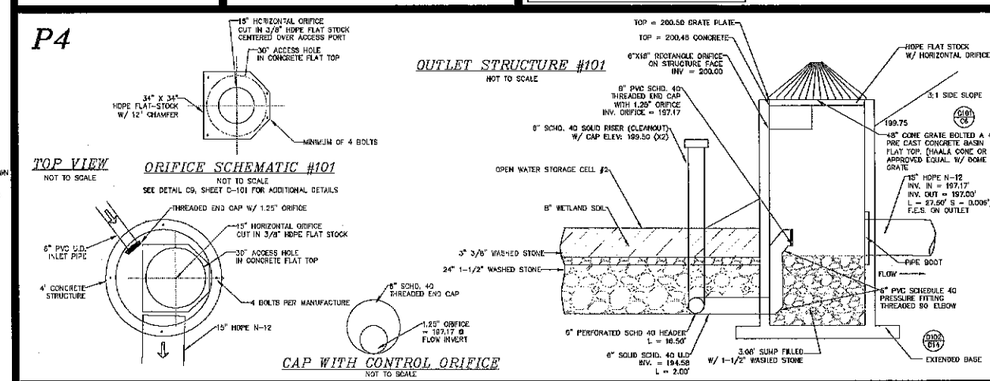


P3

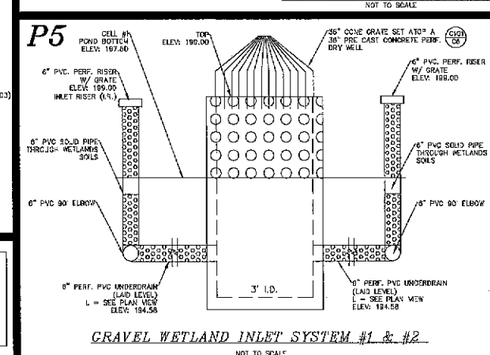


LOW PERMEABILITY MATERIAL GRADATION	
SIEVE SIZE	% PASSING BY WEIGHT
#4	95 – 100
#40	60 – 95
#100	40 – 60
#200	25 – 45

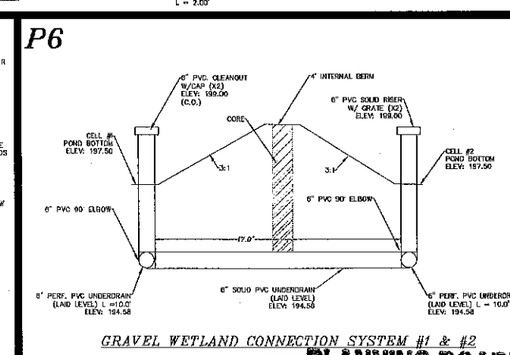
P4



P5



P6



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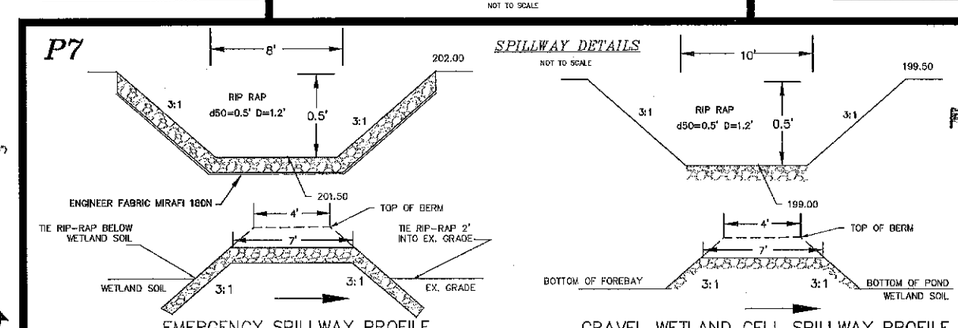


PLANNING BOARD
BARRINGTON, NH
FOR TOWN APPROVAL PURPOSES ONLY
APPROVED
File Number 238-16-V-20-Amendment
Date 4/6/2021
Chairman
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING WHICH MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

P-101

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFM COMMENT
#5	10-4-20	REVISED PER RFM COMMENT
#4	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

GRAVEL WETLAND #101 (PHASE II)
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14245
PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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

P1

MAINTENANCE REQUIREMENTS

CLOGGING AND SYSTEM PERFORMANCE

ACTIVITY	FREQUENCY
INSPECT INLETS AND OUTLETS TO ENSURE GOOD CONDITION AND NO EVIDENCE OF DETERIORATION. CHECK TO SEE IF HIGH-FLOW BYPASS IS FUNCTIONING. REMEDY: REPAIR OR REPLACE ANY DAMAGED STRUCTUAL PARTS, INLETS AND OUTLETS. CLEAR OR REMOVE DEBRIS OR RESTRICTIONS.	ANNUALLY, MORE FREQUENTLY IN THE FIRST YEAR OF OPERATION
CHECK FOR INTERNAL EROSION, EVIDENCE OF SHORT-CIRCUITING, AND ANIMAL BURROWS. REMEDY: SOIL EROSION FROM SHORT-CIRCUITING OR ANIMAL BOROUGHS SHOULD BE REPAIRED WHEN THEY OCCUR.	
CHECK THAT THE SYSTEM IS FULLY DRAINING WITHIN A 24-48 HOUR PERIOD AFTER RAIN EVENTS. REMEDY: REPAIR OR RESTORE HYDRAULIC INLET OR OUTLET CONFIGURATION.	

VEGETATION

ACTIVITY	FREQUENCY
CHECK FOR ROBUST VEGETATION COVERAGE THROUGHOUT THE SYSTEM AND DEAD OR DYING PLANTS. REMEDY: VEGETATION SHOULD COVER > 75% OF THE SYSTEM AND SHOULD BE RESEEDED AND CARED FOR AS NEEDED	ANNUALLY, OR AS NEEDED
CUT AND REMOVE VEGETATION FROM GRAVEL WETLAND SYSTEM AND FOREBAY IN ORDER TO MAINTAIN NITROGEN REMOVAL PERFORMANCE. REMEDY: THE VEGETATION SHOULD BE CUT AND REMOVED FROM THE SYSTEM TO PREVENT NITROGEN FROM CYCLING BACK INTO THE SYSTEM	ONCE EVERY 3 YEARS

DESIGN REFERENCES

1 UNH STORMWATER CENTER

3/8" WASHED CRUSHED STONE*

SIEVE SIZE	% PASSING BY WEIGHT
1/2"	100
3/8"	95 – 100
# 4	22 – 55
# 8	0 – 10

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

1-1/2" WASHED CRUSHED STONE*

SIEVE SIZE	% PASSING BY WEIGHT
2"	100
1-1/2"	90 – 100
1"	20 – 55
1/2"	0 –15
3/8"	0 –5

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

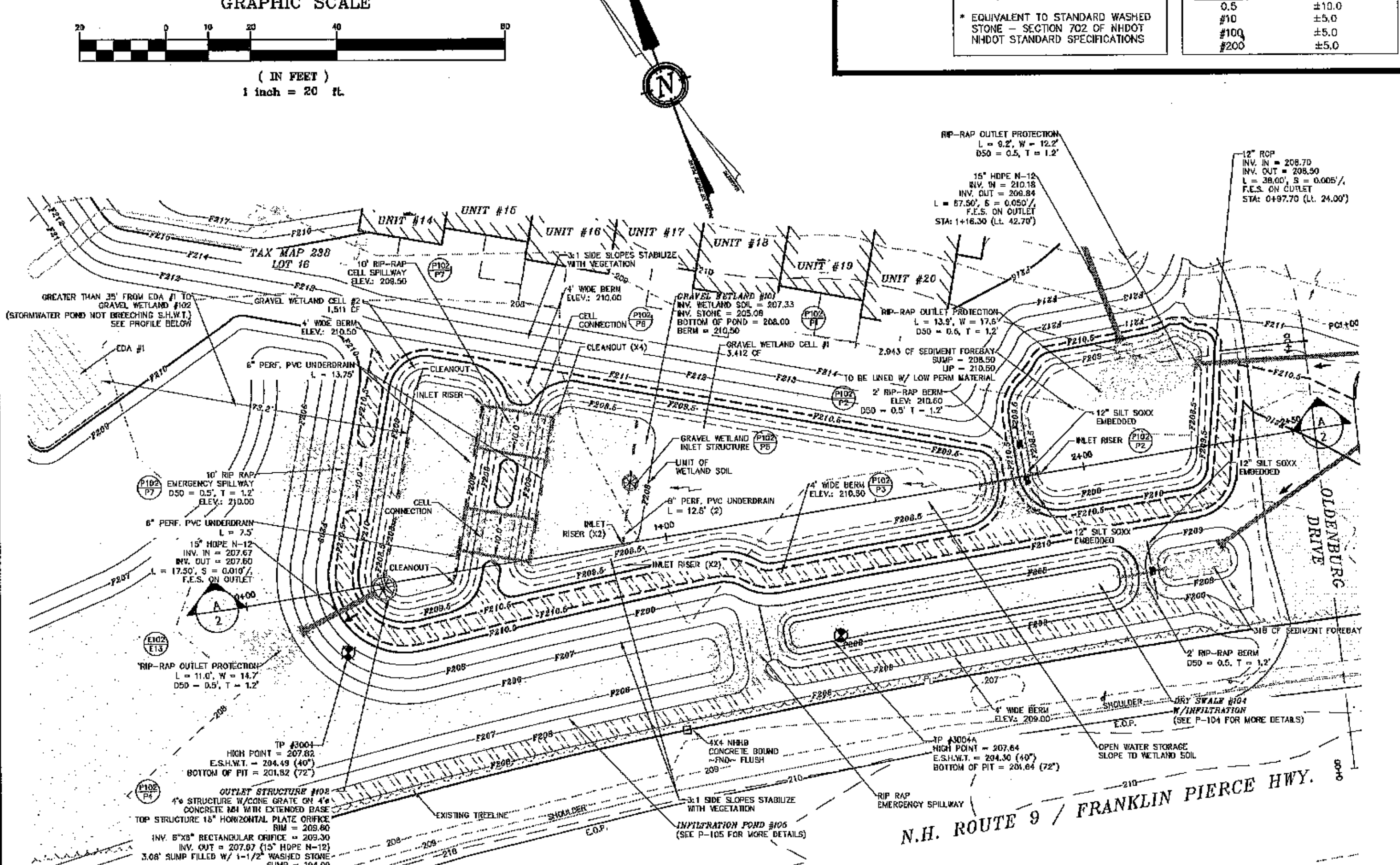
WETLAND SOIL

SIEVE SIZE	% PASSING BY WEIGHT
0.5	100
#10"	90 – 75
#100	40 – 50
#200	25 –50
SIEVE SIZE	**% PASSING TOLERANCES**
0.5	±10.0
#10	±5.0
#100	±5.0
#200	±5.0

PLAN VIEW GRAVEL WETLAND #102

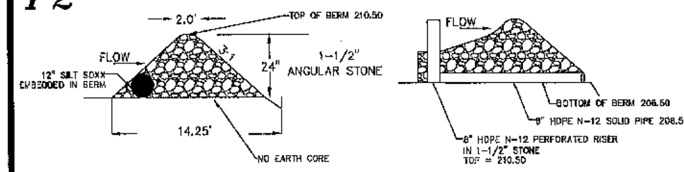
GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.



P2

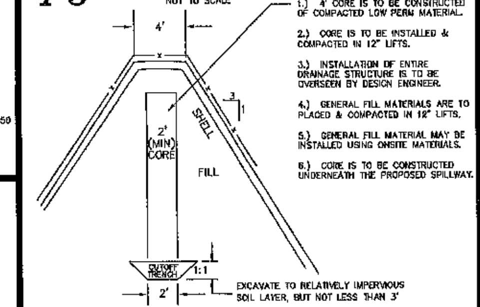
STONE BERM FOR FOREBAY



P3

BERM CONSTRUCTION

NOT TO SCALE

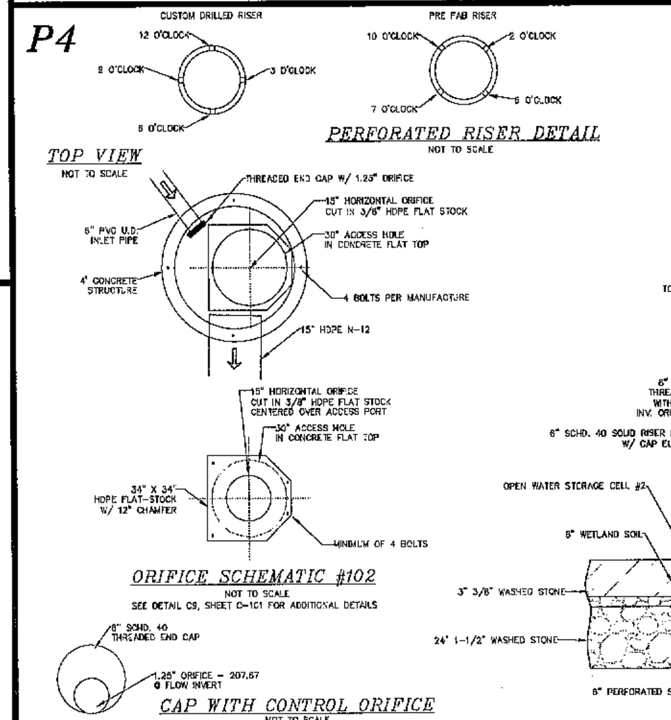


1.) 4' CORE IS TO BE CONSTRUCTED OF COMPACTED LOW PERM MATERIAL.
2.) CORE IS TO BE INSTALLED & COMPACTED IN 12" LIFTS.
3.) INSTALLATION OF ENTIRE DRAINAGE STRUCTURE IS TO BE OVERSEEN BY DESIGN ENGINEER.
4.) GENERAL FILL MATERIALS ARE TO PLACED & COMPACTED IN 12" LIFTS.
5.) GENERAL FILL MATERIAL MAY BE INSTALLED USING ONSITE MATERIALS.
6.) CORE IS TO BE CONSTRUCTED UNDERNEATH THE PROPOSED SPILLWAY.

LOW PERMEABILITY MATERIAL GRADATION

SIEVE SIZE	% PASSING BY WEIGHT
#4	85 – 100
#40	60 – 95
#100	40 – 60
#200	25 – 45

P4



PERFORATED RISER DETAIL NOT TO SCALE

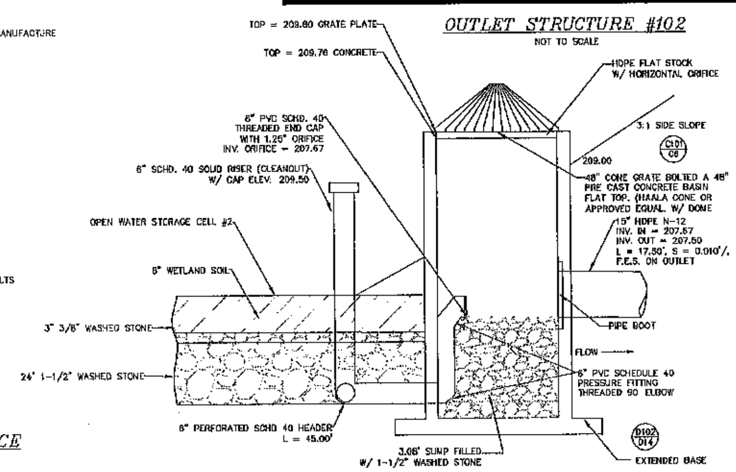
TOP VIEW NOT TO SCALE

ORIFICE SCHEMATIC #102 NOT TO SCALE
SEE DETAIL C9, SHEET C-101 FOR ADDITIONAL DETAILS

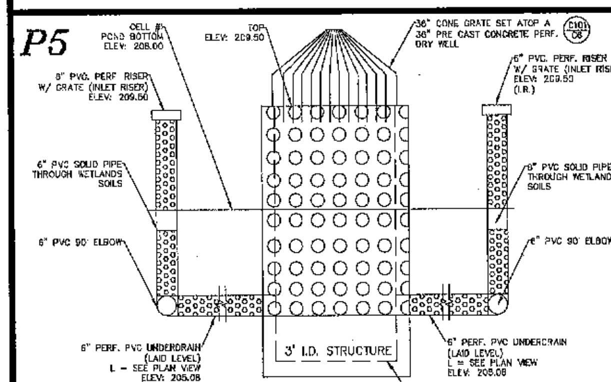
CAP WITH CONTROL ORIFICE NOT TO SCALE

OUTLET STRUCTURE #102

NOT TO SCALE

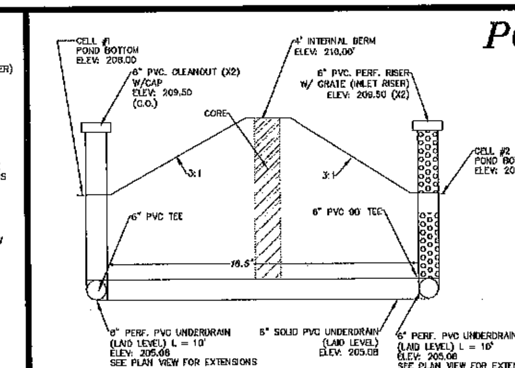


P5

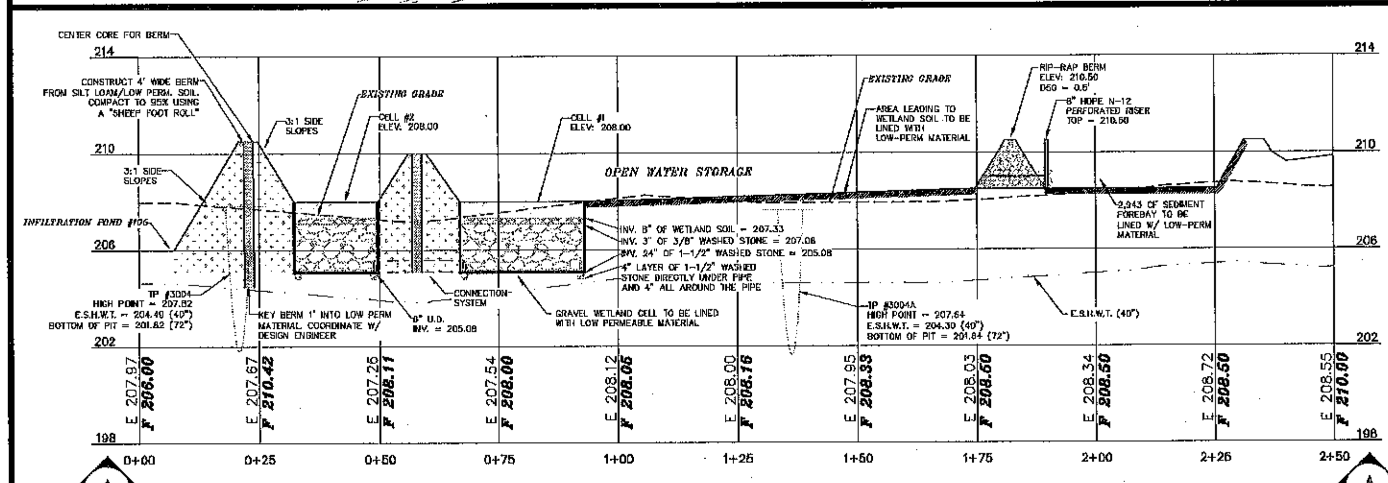


GRAVEL WETLAND INLET SYSTEM NOT TO SCALE

P6



GRAVEL WETLAND CONNECTION SYSTEM (#1 & #2) NOT TO SCALE



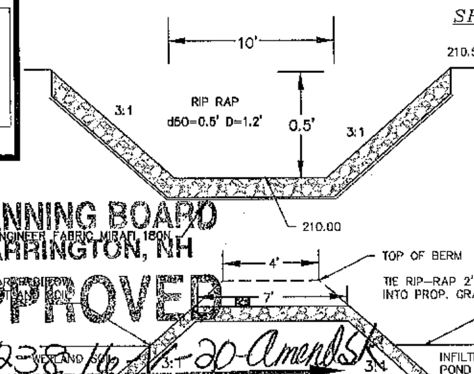
SECTION OF GRAVEL WETLAND #102

LOW PERMEABILITY MATERIAL GRADATION

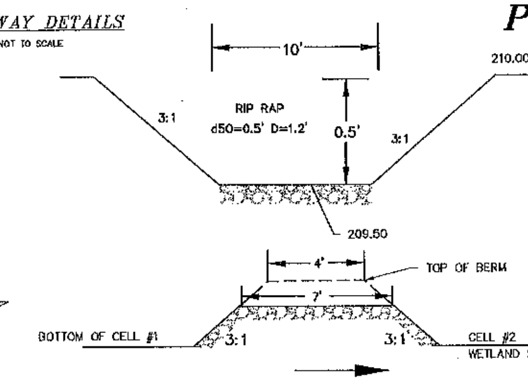
SIEVE SIZE	% PASSING BY WEIGHT
#4	95 – 100
#40	60 – 95
#100	40 – 60
#200	25 – 45

P7

SPILLWAY DETAILS NOT TO SCALE



EMERGENCY SPILLWAY PROFILE



GRAVEL WETLAND CELL SPILLWAY PROFILE

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-NC-20-AmendSR
Date 4/6/21
Chairman

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

(PHASE 1)
GRAVEL WETLAND #102
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY No. 10243
PROFESSIONAL ENGINEER

P-102

SHEET 19 OF 56

BIORETENTION FILTER MEDIA MIXTURES

Component Material	Percent of Mixture by Volume	Gradation of material: Sieve No.	Gradation of material: 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

3/8" WASHED CRUSHED STONE*

SIEVE SIZE	% PASSING BY WEIGHT
1/2"	100
3/8"	95 – 100
# 4	22 – 55
# 8	0 – 10

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

1-1/2" WASHED CRUSHED STONE*

SIEVE SIZE	% PASSING BY WEIGHT
2"	100
1-1/2"	90 – 100
1"	20 – 55
1/2"	0 –15
3/8"	0 – 5

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

SEE ALSO CLEAN RIP-RAP GRADATION (DETAIL E14, SHEET E-102)

P1

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. "BIO MEDIA" MEANS BIORETENTION FILTER MEDIA.
3. COMPACTION IS NOT TO OCCUR IN THE RAIN GARDEN AREAS PRIOR TO CONSTRUCTION. SCARIFICATION REQUIRED IN THE EVENT COMPACTION TAKES PLACE.
4. DO NOT PLACE THE BIORETENTION SYSTEM INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
5. DO NOT DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF WATER FROM EXCAVATIONS) TO THE BIORETENTION AREA DURING ANY STAGE OF CONSTRUCTION.
6. DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE FILTRATION COMPONENTS OF THE SYSTEM.

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 A 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 DRAWDOWN TIME. IF BIORETENTION SYSTEM DOES NOT DRAIN 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 2008 AS AMENDED.

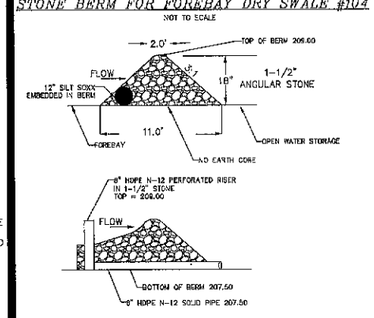
RAIN GARDEN MIX

THE GRASS THAT 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 STABILIZATION AND CONTINUE GROWING IN THE SANDY WELL-DRAINED ENVIRONMENT. PLANTING SPECIFICATION WILL MEET THE REQUIREMENTS AS OUTLINED IN "VEGETATION NEW HAMPSHIRE SAND AND GRAVEL PITS" MIX 1 (WARM SEASON GRASSES) (15 LBS/AC) AND INCLUDE ANNUAL AND PERENNIAL RYE GRASS SEED (15 LBS/AC); THE NEW ENGLAND NATIVE WARM SEASON GRASS MIX (23 LBS/AC) BY NEW ENGLAND WETLAND PLANTS, INC.; RAIN GARDEN MIX 180 (15 LBS/AC & 15 LBS/AC OF RYE) / RAIN GARDEN GRASS MIX 180-1 (20 LBS/AC & 10 LBS/AC OF RYE) BY ERNST CONSERVATION SEEDS; OR APPROVED EQUAL.

P2

STONE BERM FOR FOREBAY DRY SWALE #104

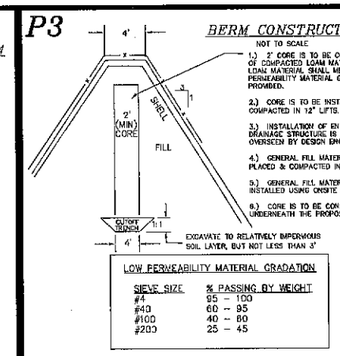
NOT TO SCALE



P3

BERM CONSTRUCTION

NOT TO SCALE



1.) 2' CORE IS TO BE CONSTRUCTED OF COMPACTED LOAM MATERIAL. LOAM MATERIAL SHALL MEET LOW PERMEABILITY MATERIAL GRADATION PROVIDED.

2.) CORE IS TO BE INSTALLED & COMPACTED IN 12" LIFTS.

3.) INSTALLATION OF ENTIRE DRAINAGE STRUCTURE IS TO BE OVERSEEN BY DESIGN ENGINEER.

4.) GENERAL FILL MATERIALS ARE TO PLACED & COMPACTED IN 12" LIFTS.

5.) GENERAL FILL MATERIAL MAY BE INSTALLED USING ONSITE MATERIALS.

6.) CORE IS TO BE CONSTRUCTED UNDERNEATH THE PROPOSED SPILLWAY.

LOW PERMEABILITY MATERIAL GRADATION

SIEVE SIZE	% PASSING BY WEIGHT
#4	95 – 100
#40	60 – 95
#100	40 – 80
#200	25 – 45

FOR TOWN APPROVAL PURPOSES :

PLANNING BOARD
BARRINGTON, NH

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN SUBSEQUENT UPGRADES COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

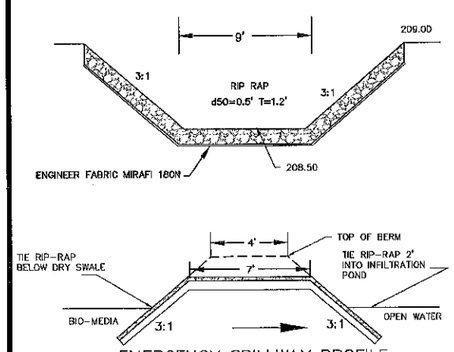
File Number 238-16-V-20 (Amended)

Date 4/6/2021

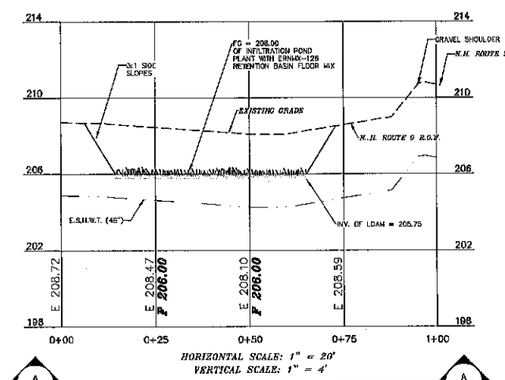
Chairman

REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RFMI COMMENT
#4	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER BOARD REQUEST
#3	10-14-19	REVISED PER NHDOT RFMI COMMENT
#2	9-25-19	REVISED PER AoT APPLICATION
#1		REVISED PER DB&K COMMENT

P5

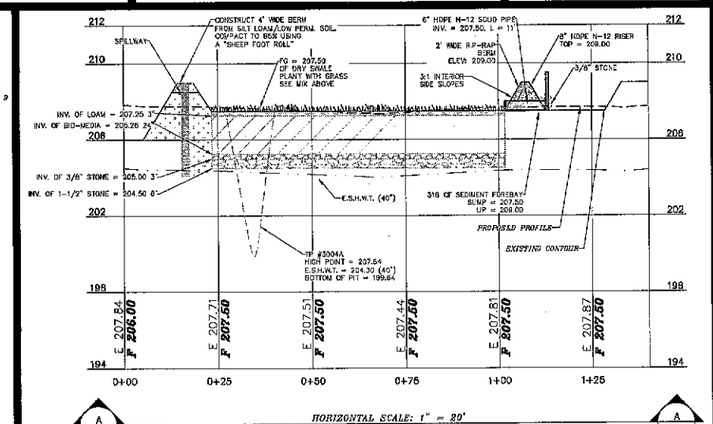


EMERGENCY SPILLWAY PROFILE



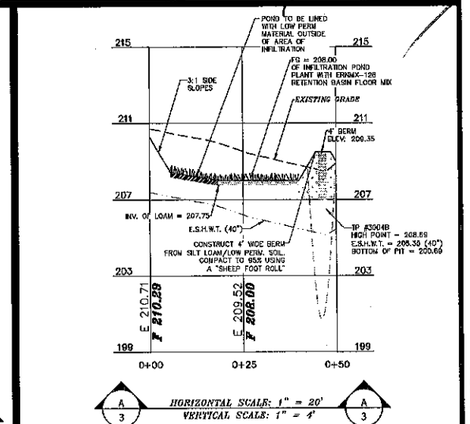
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'

SECTION OF INFILTRATION POND #105



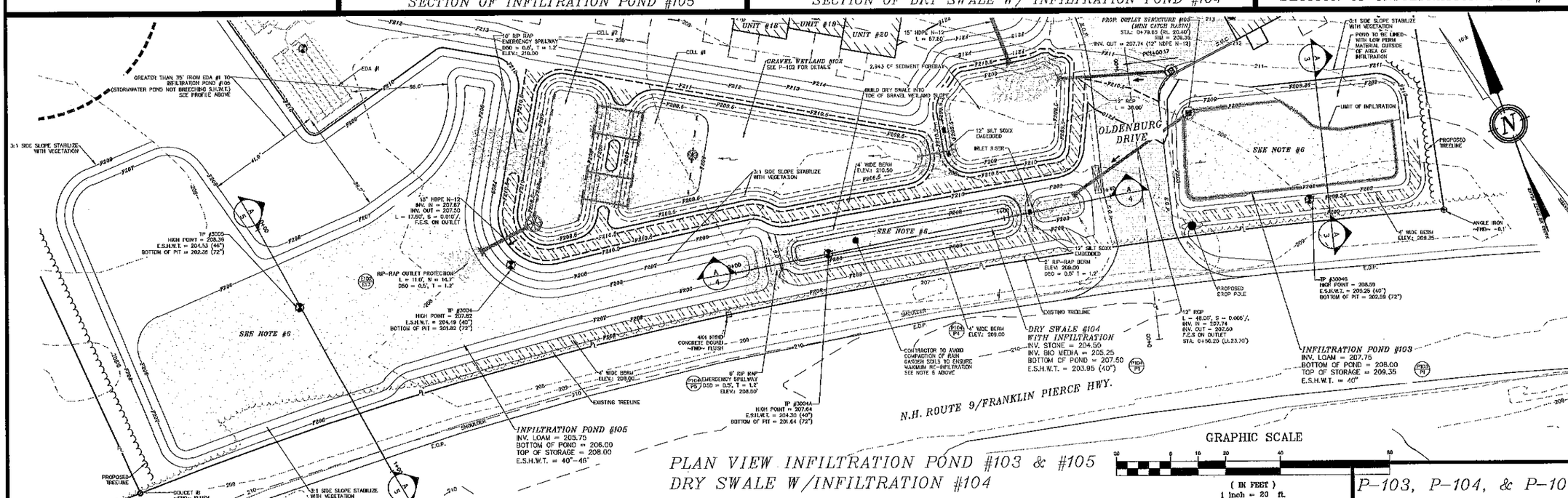
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'

SECTION OF DRY SWALE W/ INFILTRATION POND #104



HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'

SECTION OF INFILTRATION POND #103



PLAN VIEW INFILTRATION POND #103 & #105
DRY SWALE W/INFILTRATION #104

P-103, P-104, & P-105

(PHASE 1)
INFILTRATION PONDS #103 & #105, DRY SWALE #104
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

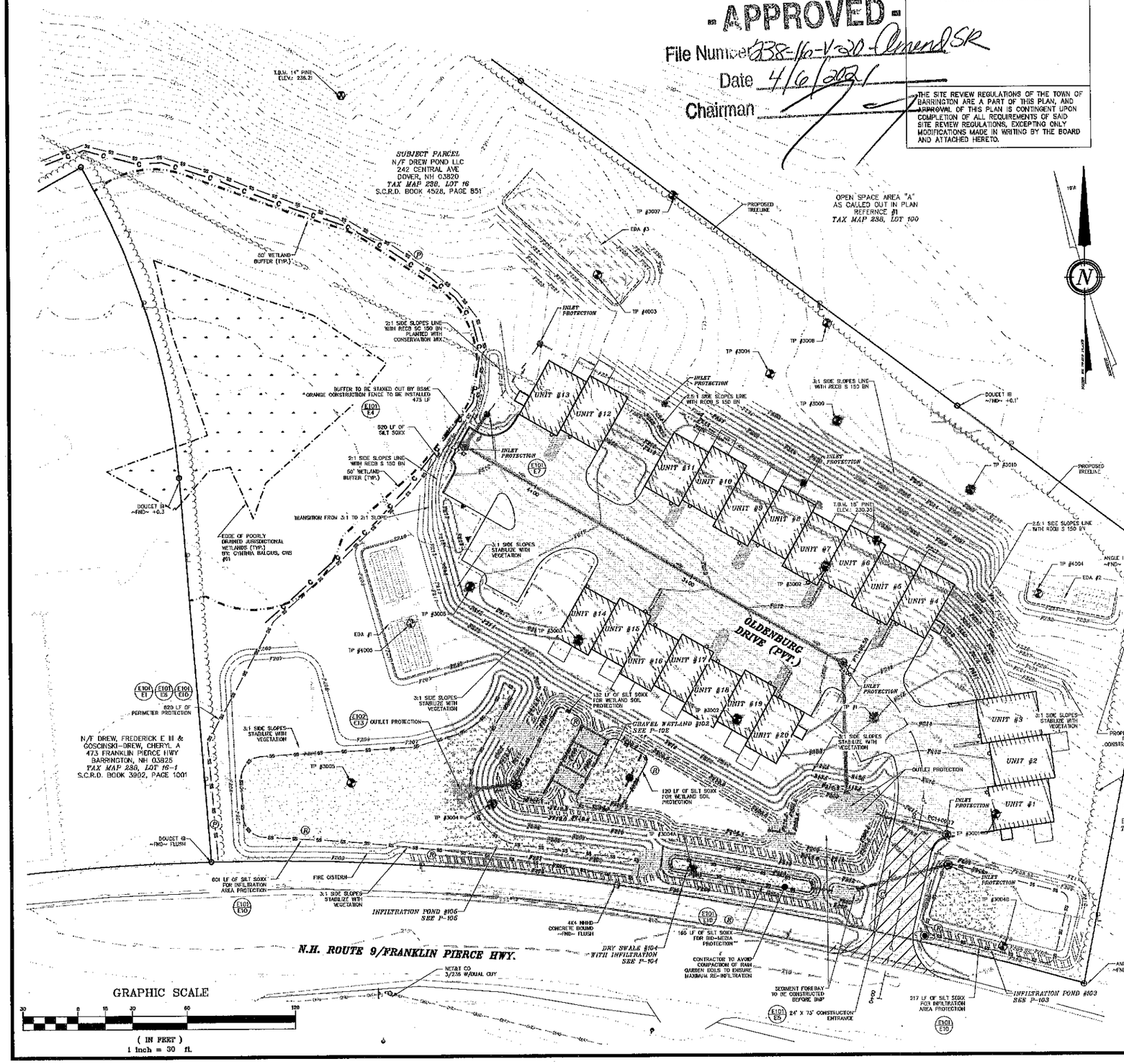
STATE OF NEW HAMPSHIRE KENNETH A. BERRY No. 14243 LICENSED PROFESSIONAL ENGINEER

SHEET 20 OF 56

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-1-20-Amend SR
Date 4/6/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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



NOTES:

1. THE INTENT OF THIS PLAN SET IS TO DEMONSTRATE THE EROSION AND SEDIMENT CONTROL PLAN FOR OLDENBURG DRIVE.
2. OWNER: DREW POND, LLC, 242 CENTRAL AVE., DOVER, NH 03820
   APPLICANT: DREW POND, LLC, 242 CENTRAL AVE., DOVER, NH 03820
3. TAX MAP 238, LOT 16
4. LOT AREA: 784,890 Sq. Ft., 18.02 ACRES
5. 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.
6. 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.
7. 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.
8. 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 PREFORMED ON ALL DRAINAGE PRACTICES. OWNER TO MAKE NOTE OF THE OPERATION AND MAINTENANCE PLAN.
9. 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.
10. PERIMETER CONTROL MAY BE INSTALLED WITH SILT FENCE, EROSION CONTROL MIX BERM OR FILTREXX SILT SOXX OR APPROVED EQUAL. ORANGE CONSTRUCTION FENCE MAY BE REQUIRED OR SPECIFIED TO PROTECT PROPERTY LINES OR BUFFERS.
11. 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&SC PLAN IS INITIAL GUIDANCE AS TO THE ANTICIPATED REQUIREMENTS AND IT THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT STORMWATER VIOLATION DO NOT OCCUR.
12. CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCES PRIOR TO ANY EARTH DISTURBING ACTIVITIES.
13. CHECK DAMS SHALL BE INSTALLED ONCE THE SWALES ARE GRADED.
14. 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.
15. RUNOFF MUST BE DIRECTED AT TEMPORARY PRACTICES UNTIL STORMWATER BMPS ARE STABILIZED.

SOILS & DEWATERING:

34A/P	WAREHAM	LOAMY SAND	K= .17
34C/P	WAREHAM	LOAMY SAND	K= .17
313A	DEERFIELD	LOAMY SAND	K= .17
313B	DEERFIELD	LOAMY SAND	K= .17
313C	DEERFIELD	LOAMY SAND	K= .17
313D	DEERFIELD	LOAMY SAND	K= .17
313E	DEERFIELD	LOAMY SAND	K= .17
446B	SCITUATE	FINE SANDY LOAM	K= .43
446C	SCITUATE	FINE SANDY LOAM	K= .43
538A/P	SQUAMSCOTT	FINE SANDY LOAM	K= .43

SEE SITE SPECIFIC SOILS MAP (SSSM)
SEE WEBSOIL USDA-NRCS
ERODIBILITY FACTOR - K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. & ROCKINGHAM COUNTTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES

THE SOIL ERODIBILITY FACTOR (K) OF THE SOILS VARY FROM RELATIVELY LOW (K=0.17.) TO RELATIVELY HIGH (K=.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 DEWATERING REQUIREMENTS IN NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION 9.1.2 (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 HAY / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIES 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.

LEGEND.

- RAIN GARDEN/GRAVEL WETLAND PROTECTION
- PERIMETER CONTROL
- RESIDENTIAL/ROADWAY CONSTRUCTION
- IRON BOUND ~FND~
- DRILL HOLE ~FND~
- GRANITE BOUND ~TBS~
- UTILITY POLE/GUY WIRE
- WELL
- BENCHMARK
- TEST PIT
- POORLY DRAINED WETLAND LINE
- PRIME WETLAND LINE
- WETLAND SETBACK 50' TO POORLY DRAINED
- SILT FENCE
- FILTREXX SILTSOXX
- TREE LINE
- ORANGE CONSTRUCTION FENCE

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RPMI COMMENT
#5	10-27-20	REVISED PER ACT RPMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER DPW COMMENT
#1	9-23-19	REVISED PER DSAK COMMENT

(PHASE I)
EROSION AND SEDIMENT CONTROL PLAN OLDENBURG DRIVE
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 30 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

PLANNING BOARD
BARRINGTON, NH

APPROVED

File Number 238-16-V-20 Amend 5R

Date 4/16/2021

Chairman

NOTES:

1. THE INTENT OF THIS PLAN SET IS TO DEMONSTRATE THE EROSION AND SEDIMENT CONTROL PLAN FOR HANOVARIAN DRIVE.
2. OWNER: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820

   APPLICANT: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
3. TAX MAP 238, LOT 16
4. LOT AREA: 784,890 Sq. Ft., 18.02 ACRES
5. 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.
6. 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.
7. 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.
8. 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 PREFORMED ON ALL DRAINAGE PRACTICES. OWNER TO MAKE NOTE OF THE OPERATION AND MAINTENANCE PLAN.
9. 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.
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448C	SCITUATE	FINE SANDY LOAM	K= .43
698A/P	SQUAMSCOTT	FINE SANDY LOAM	K= .43

SEE SITE SPECIFIC SOILS MAP (SSSM)
SEE WEBSOIL USDA-NRCS
ERODIBILITY FACTOR -- K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. & ROCKINGHAM COUNTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES

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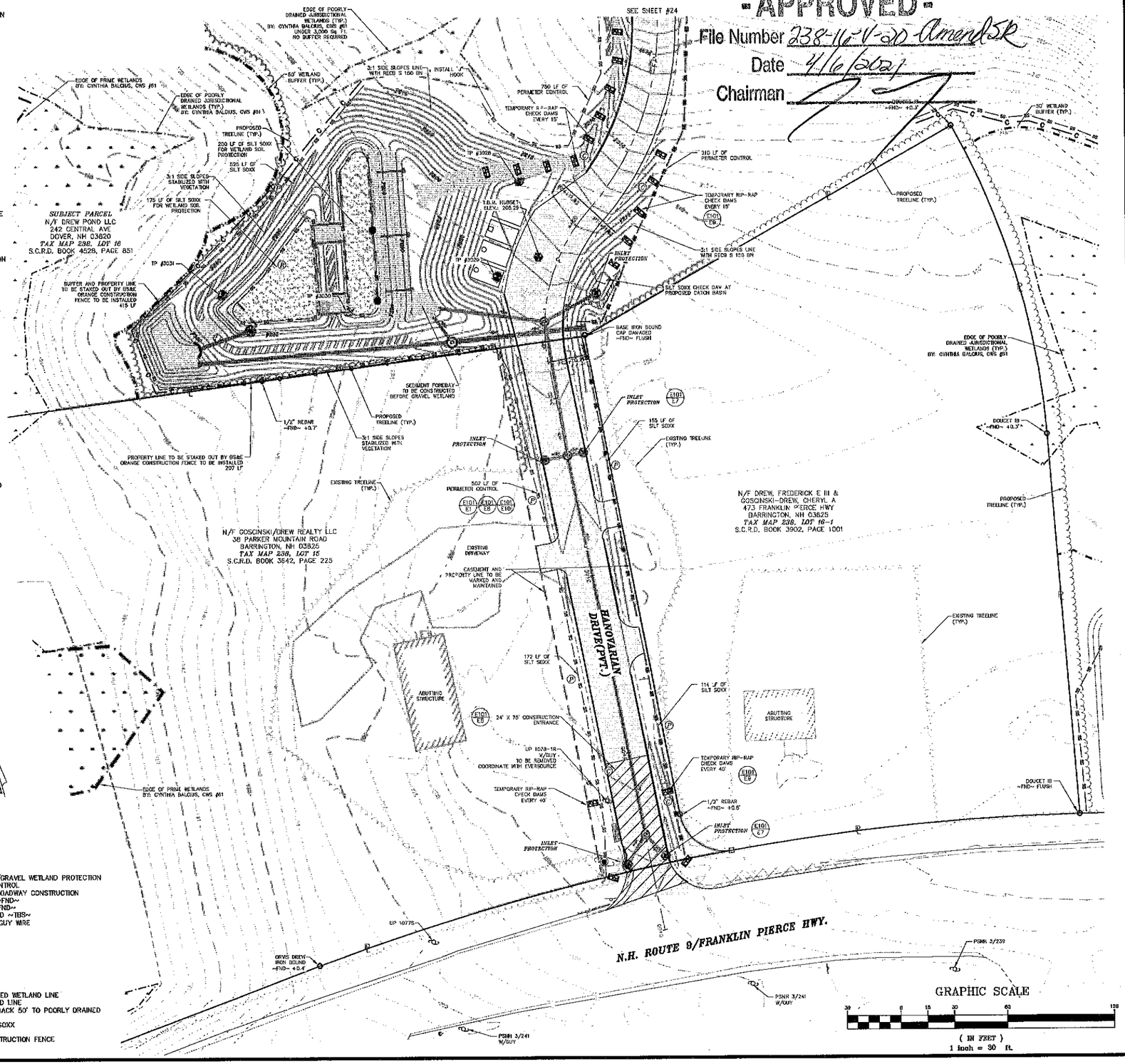

LEGEND:

- RAIN GARDEN/GRAVEL WETLAND PROTECTION
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FOR TOWN APPROVAL PURPOSES :

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

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
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(PHASE II)
EROSION AND SEDIMENT CONTROL PLAN SOUTH
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 30 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14245
LICENSED PROFESSIONAL ENGINEER

SHEET 23 OF 36

NOTES:

1. THE INTENT OF THIS PLAN SET IS TO DEMONSTRATE THE EROSION AND SEDIMENT CONTROL PLAN FOR HANOVARIAN DRIVE.
2. OWNER: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820

   APPLICANT: DREW POND, LLC
   242 CENTRAL AVE.
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SEE SITE SPECIFIC SOILS MAP (SSSM)
SEE WEBSOIL USDA-NRCS
ERODIBILITY FACTOR - K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. & ROCKINGHAM COUNTTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES

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FOR TOWN APPROVAL PURPOSES :

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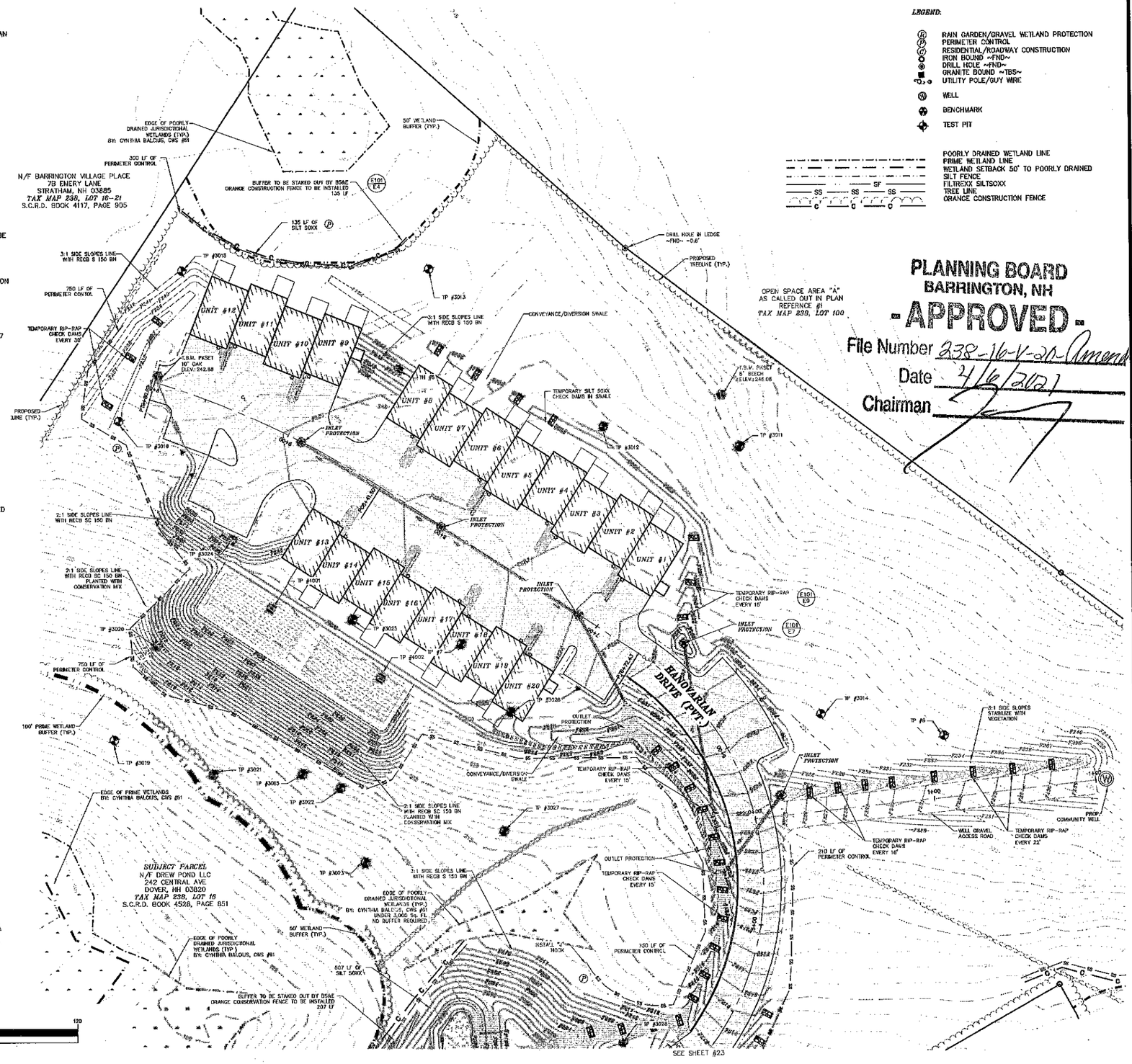

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 60 ft.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-Amend 5,6
Date 4/6/2021
Chairman

REVISION	DATE	DESCRIPTION
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(PHASE II)
EROSION AND SEDIMENT CONTROL PLAN NORTH
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
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SCALE : 1 IN. EQUALS 30 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14213
LICENSED PROFESSIONAL ENGINEER

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

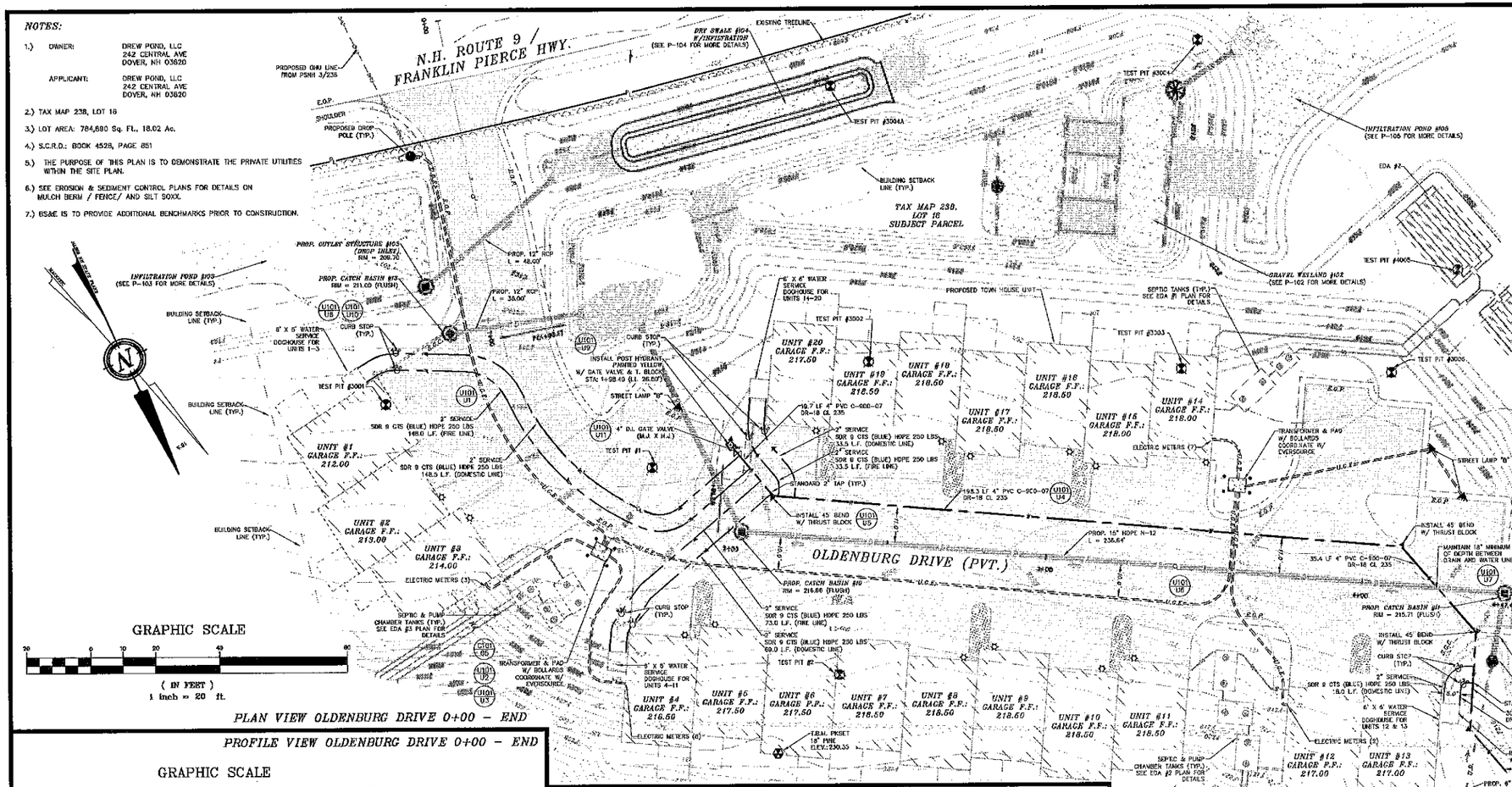
3.) LOT AREA: 784,680 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE PURPOSE OF THIS PLAN IS TO DEMONSTRATE THE PRIVATE UTILITIES WITHIN THE SITE PLAN.

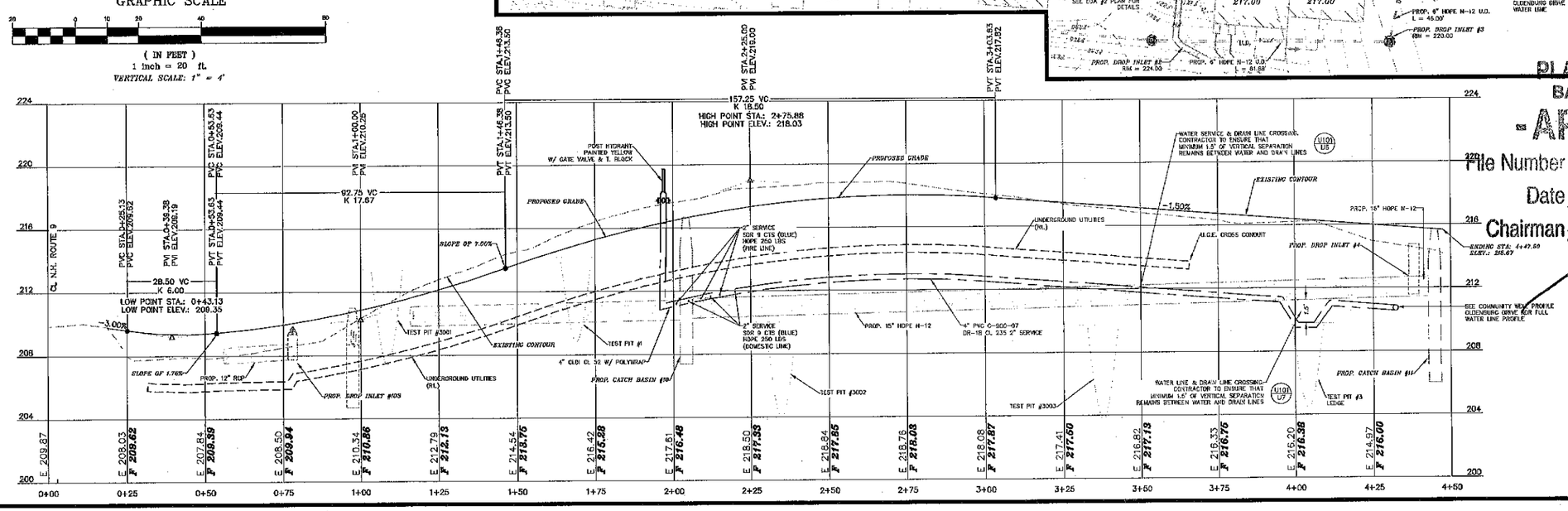
6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.



PLAN VIEW OLDENBURG DRIVE 0+00 – END

PROFILE VIEW OLDENBURG DRIVE 0+00 – END



NOTES CONT.:

8.) 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.

9.) 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.

10.) PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DEWATERED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE INFLUENCED BY EXCAVATION METHODS, MOISTURE, PRECIPITATION, GROUNDWATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER RUNOFF AWAY FROM CONSTRUCTION AREAS, REDUCING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL MEETING THE ENGINEERS SPECIFIC RECOMMENDED CRITERIA.

11.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.

12.) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.

13.) FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE BARRINGTON HIGHWAY DEPARTMENT.

14.) CONTRACTOR TO CONTACT BARRINGTON HIGHWAY DEPARTMENT A MINIMUM OF TWO WEEKS PRIOR TO ANY CONSTRUCTION TO COORDINATE ALL WORK CONCERNING INSTALLATION OF ANY PROPOSED WATER LINE IMPROVEMENTS.

15.) ALL WATER MAIN AND SERVICE INSTALLATIONS SHALL CONFORM TO TOWN OF BARRINGTON STANDARDS. ALL HIGHWAY CONSTRUCTION WILL MEET THE TOWN OF BARRINGTON STANDARDS.

16.) CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH EVERSOURCE AT (800) 662-7764. ALL ELECTRIC CONDUIT INSTALLATION SHALL BE INSPECTED BY EVERSOURCE PRIOR TO BACKFILL. A 48-HOUR MINIMUM NOTICE IS REQUIRED.

17.) CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH ATLANTIC BROADBAND AT (800) 952-1001.

18.) CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH ATLANTIC BROADBAND AT (800) 952-1001 OR FAIRPOINT COMMUNICATIONS AT (603) 507-8445.

19.) ALL SEWER MANHOLE RIMS & COVERS ARE TO BE NH STANDARD.

20.) ALL WATER SERVICES ARE TO BE WITNESSED WITH A 2"X4" PAINTED BLUE. ALL SEWER SERVICES ARE TO BE WITNESSED WITH A 2"X4" PAINTED YELLOW, IS STUBBED PRIOR TO BUILDING CONSTRUCTION.

21.) CURB BOXES SHOULD BE PLACED IN THE LAWN AREA, OR IF PLACED IN PAVEMENT, A ROAD BOX IS REQUIRED.

22.) SEE EXISTING CONDITIONS PLAN FOR DATUM. VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL DATUS BASED ON NAD83 STATE PLANE COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS.

23.) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.

24.) CONTRACTOR TO TRANSFER TEMPORARY BENCHMARK TO A SUITABLE BENCHMARK TO CONTROL CONSTRUCTION. ANY ELEVATION DISCREPANCIES ARE TO BE REPORTED TO THE THE DESIGN ENGINEER IMMEDIATELY.

25.) SEE SEPTIC DESIGN PLANS FOR OTHER INFORMATION.

26.) THE PROPOSED POST HYDRANTS ARE FOR BLOW OFF PURPOSES ONLY, NOT FOR FIRE PROTECTION.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-Amend
Date 4/6/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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

REVISION	DATE	DESCRIPTION
8	1-8-21	REVISED PER NHDOT RFMI COMMENT
8A	10-27-20	REVISED PER AOT RFMI COMMENT
8B	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
8C	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
8D	10-14-19	REVISED PER NHA & CONSERVATION
8E	9-25-19	REVISED PER DBK & CLIENT COMMENT

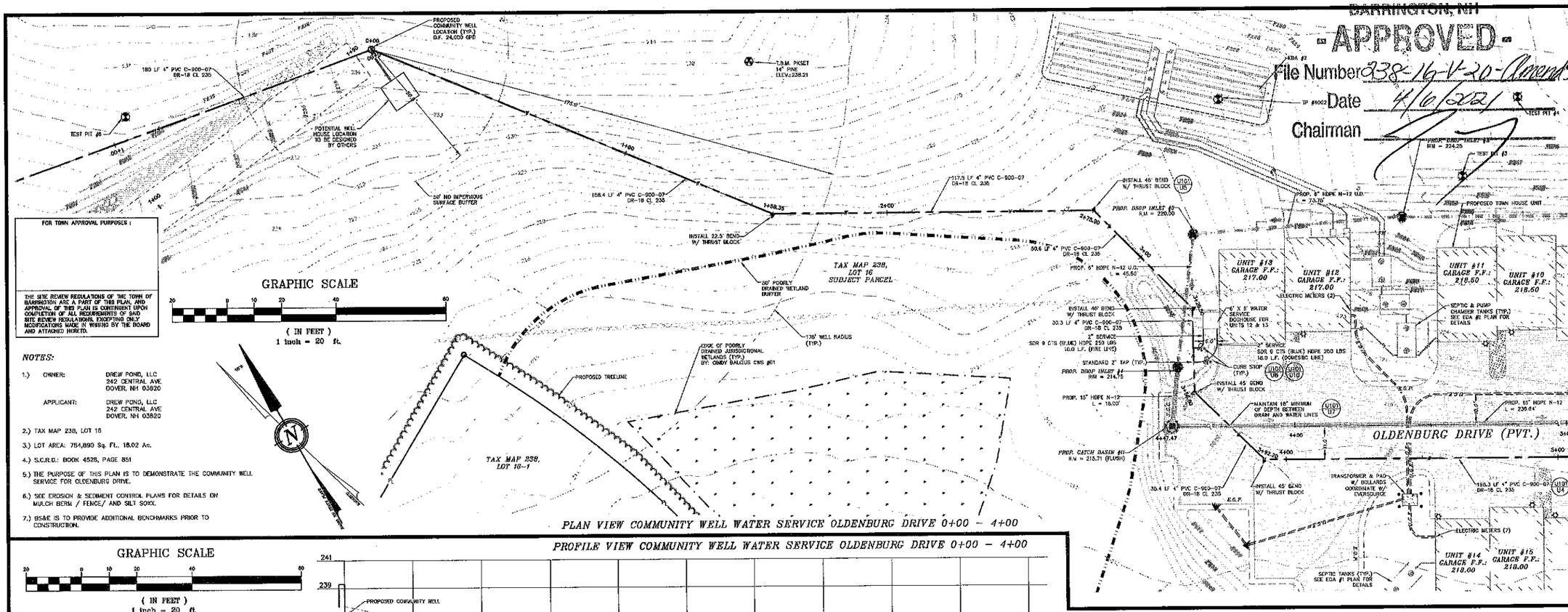
(PHASE I)
UTILITY PLAN & PROFILE OLDENBURG DRIVE 0+00 – END
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14245
LICENSED PROFESSIONAL ENGINEER

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-Amend #2
Date 4/6/2021
Chairman



PLAN VIEW COMMUNITY WELL WATER SERVICE OLDENBURG DRIVE 0+00 – 4+00

FOR TOWN APPROVAL PURPOSES :

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

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE PURPOSE OF THIS PLAN IS TO DEMONSTRATE THE COMMUNITY WELL SERVICE FOR OLDENBURG DRIVE.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

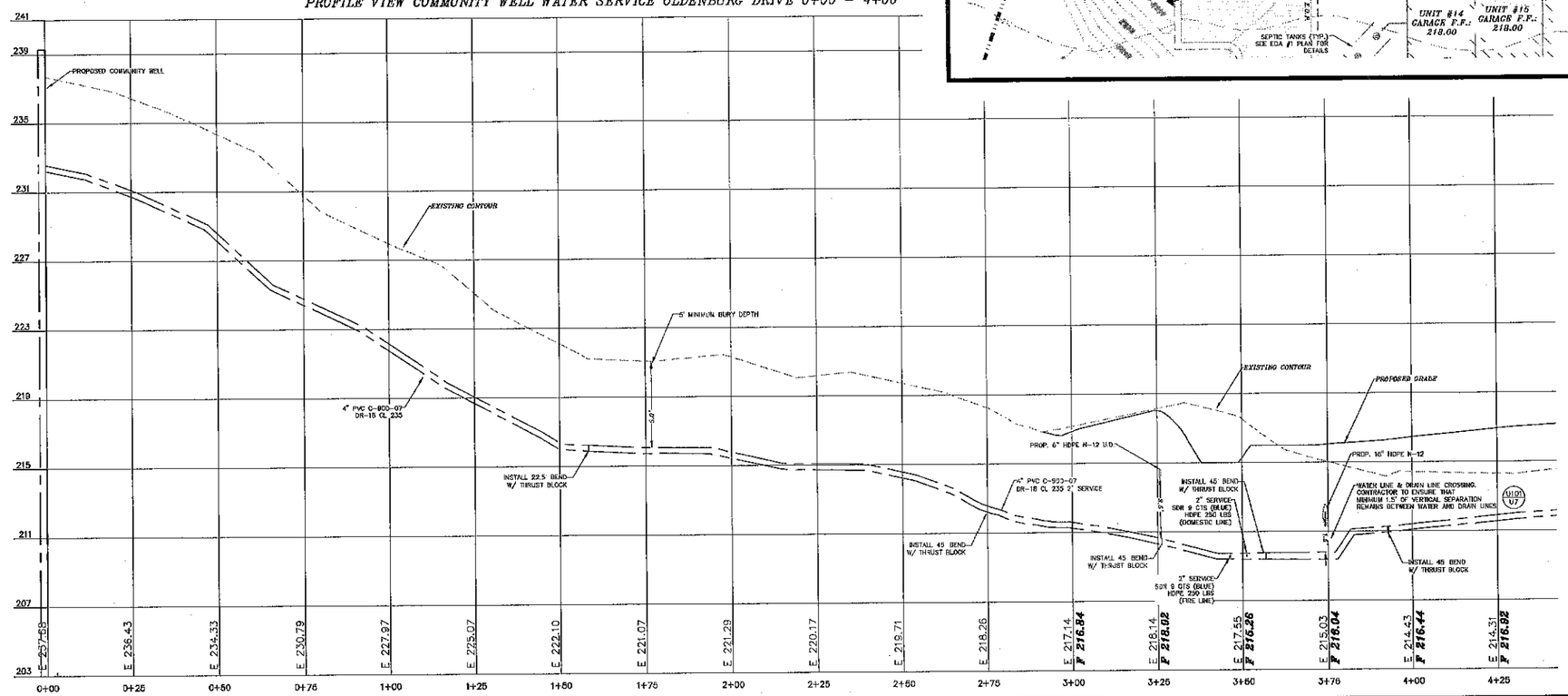
7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

PROFILE VIEW COMMUNITY WELL WATER SERVICE OLDENBURG DRIVE 0+00 – 4+00



REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RPM COMMENT
#4A	10-27-20	REVISED PER AoT RPM COMMENT
#3	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#2	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#1	10-14-19	REVISED PER AoT COMMENT
	9-23-19	REVISED PER DSBK COMMENT

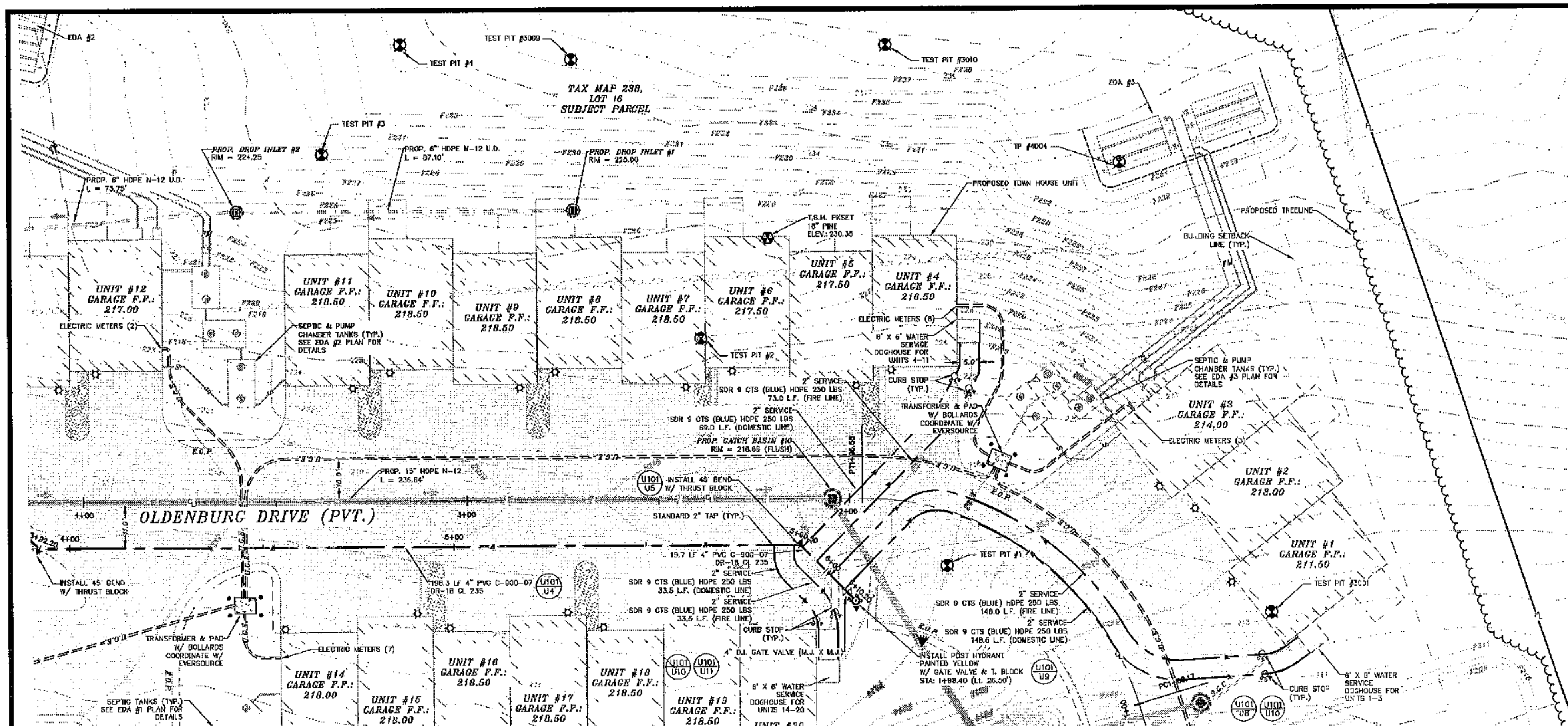
(PHASE I)

COMMUNITY WELL PROFILE OLDENBURG DRIVE 0+00 – 4+00
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14245
LICENSED PROFESSIONAL ENGINEER



PLAN VIEW COMMUNITY WELL WATER SERVICE OLDENBURG DRIVE 4+00 – END

NOTES:

1.) OWNER: DREW POND, LLC, 242 CENTRAL AVE, DOVER, NH 03820

APPLICANT: DREW POND, LLC, 242 CENTRAL AVE, DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

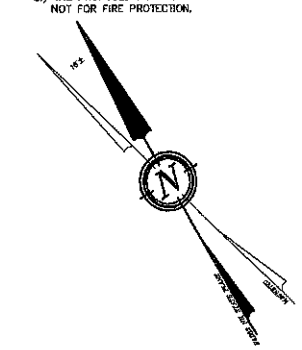
4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE PURPOSE OF THIS PLAN IS TO DEMONSTRATE THE COMMUNITY WELL SERVICE FOR OLDENBURG DRIVE.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

8.) THE PROPOSED POST HYDRANTS ARE FOR BLOW OFF PURPOSES ONLY, NOT FOR FIRE PROTECTION.

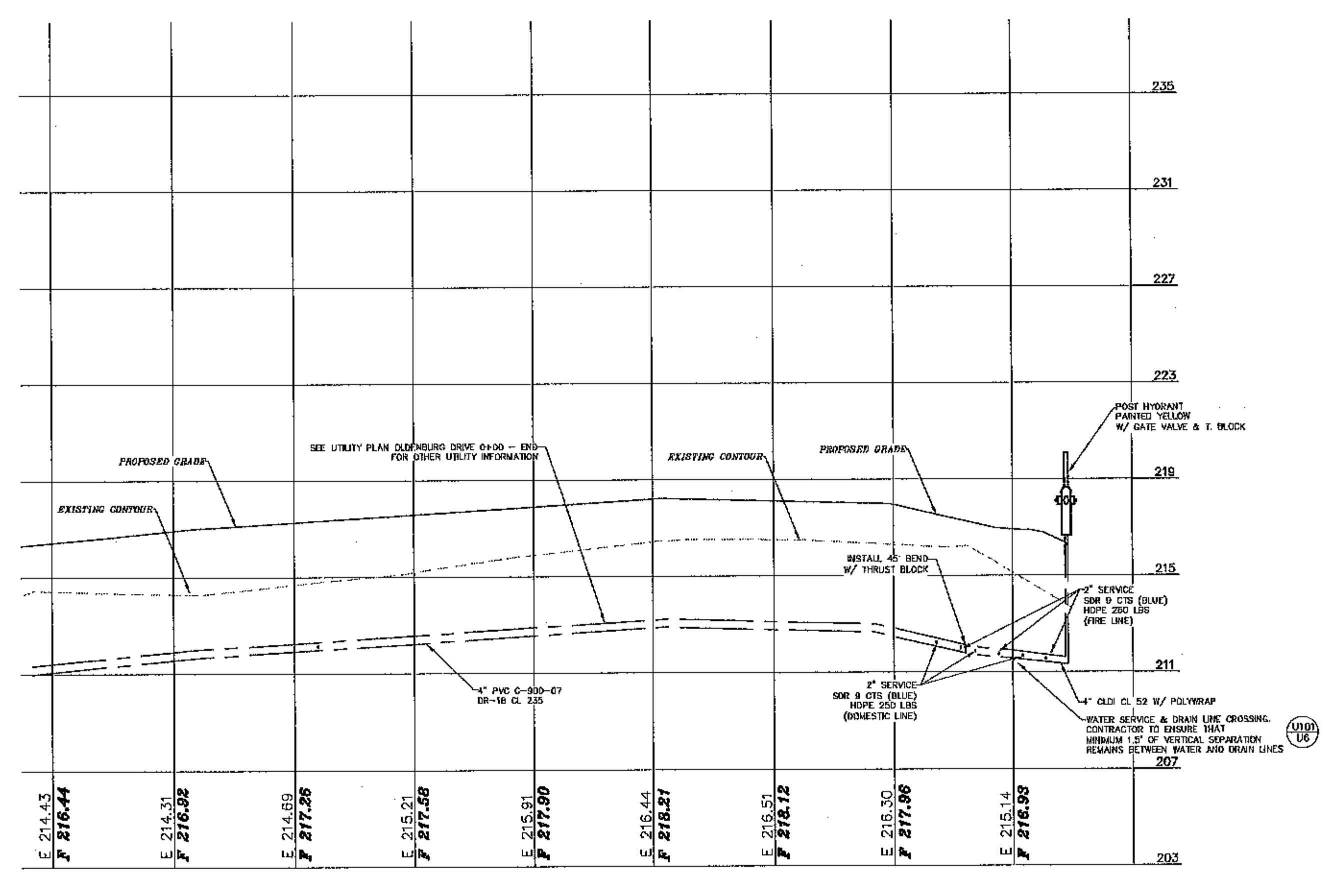


GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

PROFILE VIEW COMMUNITY WELL WATER SERVICE OLDENBURG DRIVE 4+00 – END



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-Amend SR
Date 4/6/2021
Chairman [signature]

FOR TOWN APPROVAL PURPOSES :

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

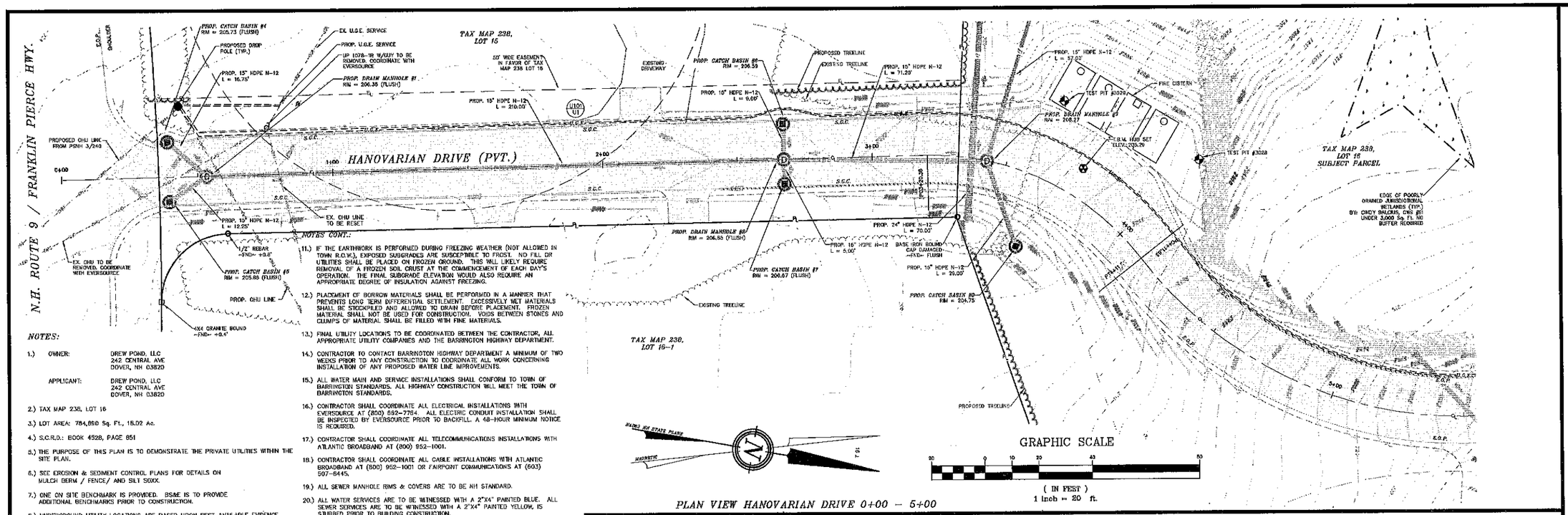
REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

(PHASE I)
COMMUNITY WELL PROFILE OLDENBURG DRIVE 4+00 – END
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE – KENNETH A. BERRY No. 14283 – PROFESSIONAL ENGINEER



PLAN VIEW HANOVARIAN DRIVE 0+00 – 5+00

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,860 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE PURPOSE OF THIS PLAN IS TO DEMONSTRATE THE PRIVATE UTILITIES WITHIN THE SITE PLAN.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) ONE ON SITE BENCHMARK IS PROVIDED. BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

8.) 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.

9.) 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.

10.) PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DEWATERED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE INFLUENCED BY EXCAVATION METHODS, MOISTURE, PRECIPITATION, GROUNDWATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER RUNOFF AWAY FROM CONSTRUCTION AREAS, REDUCING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL MEETING THE ENGINEERS SPECIFIC RECOMMENDED CRITERIA.

NOTES CONT.:

11.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.

12.) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.

13.) FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE BARRINGTON HIGHWAY DEPARTMENT.

14.) CONTRACTOR TO CONTACT BARRINGTON HIGHWAY DEPARTMENT A MINIMUM OF TWO WEEKS PRIOR TO ANY CONSTRUCTION TO COORDINATE ALL WORK CONCERNING INSTALLATION OF ANY PROPOSED WATER LINE IMPROVEMENTS.

15.) ALL WATER MAIN AND SERVICE INSTALLATIONS SHALL CONFORM TO TOWN OF BARRINGTON STANDARDS. ALL HIGHWAY CONSTRUCTION WILL MEET THE TOWN OF BARRINGTON STANDARDS.

16.) CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH EVERSOURCE AT (800) 662-7764. ALL ELECTRIC CONDUIT INSTALLATION SHALL BE INSPECTED BY EVERSOURCE PRIOR TO BACKFILL. A 48-HOUR MINIMUM NOTICE IS REQUIRED.

17.) CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH ATLANTIC BROADBAND AT (800) 952-1001.

18.) CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH ATLANTIC BROADBAND AT (800) 952-1001 OR FAIRPOINT COMMUNICATIONS AT (603) 507-6445.

19.) ALL SEWER MANHOLE RIMS & COVERS ARE TO BE NH STANDARD.

20.) ALL WATER SERVICES ARE TO BE WITNESSED WITH A 2"X4" PAINTED BLUE. ALL SEWER SERVICES ARE TO BE WITNESSED WITH A 2"X4" PAINTED YELLOW, IS STUBBED PRIOR TO BUILDING CONSTRUCTION.

21.) CURB BOXES SHOULD BE PLACED IN THE LAWN AREA, OR IF PLACED IN PAVEMENT, A ROAD BOX IS REQUIRED.

22.) SEE EXISTING CONDITIONS PLAN FOR DATUM. VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL DATUS BASED ON NAD83 STATE PLANE COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS.

23.) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.

24.) CONTRACTOR TO TRANSFER TEMPORARY BENCHMARK TO A SUITABLE BENCHMARK TO CONTROL CONSTRUCTION. ANY ELEVATION DISCREPANCIES ARE TO BE REPORTED TO THE THE DESIGN ENGINEER IMMEDIATELY.

25.) SEE SEPTIC DESIGN PLANS FOR OTHER INFORMATION.

26.) THE PROPOSED POST HYDRANTS ARE FOR BLOW OFF PURPOSES ONLY, NOT FOR FIRE PROTECTION.

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

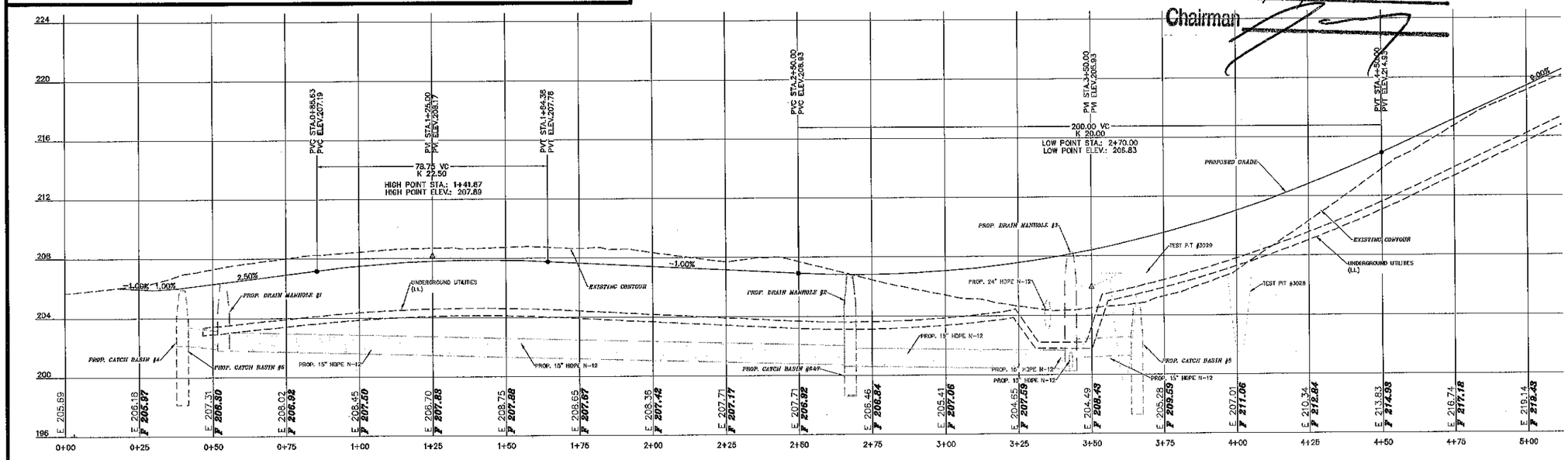
PROFILE VIEW HANOVARIAN DRIVE 0+00 – 5+00

VERTICAL SCALE: 1" = 4'

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-Amend SR
Date 4/6/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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



REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFPM COMMENT
#5	12-15-20	REVISED PER TOWN COMMENT
#4A	10-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

(PHASE II)
UTILITY PLAN & PROFILE HANOVARIAN DRIVE 0+00 – 5+00
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE KENNETH A. BERRY No. 14233 PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

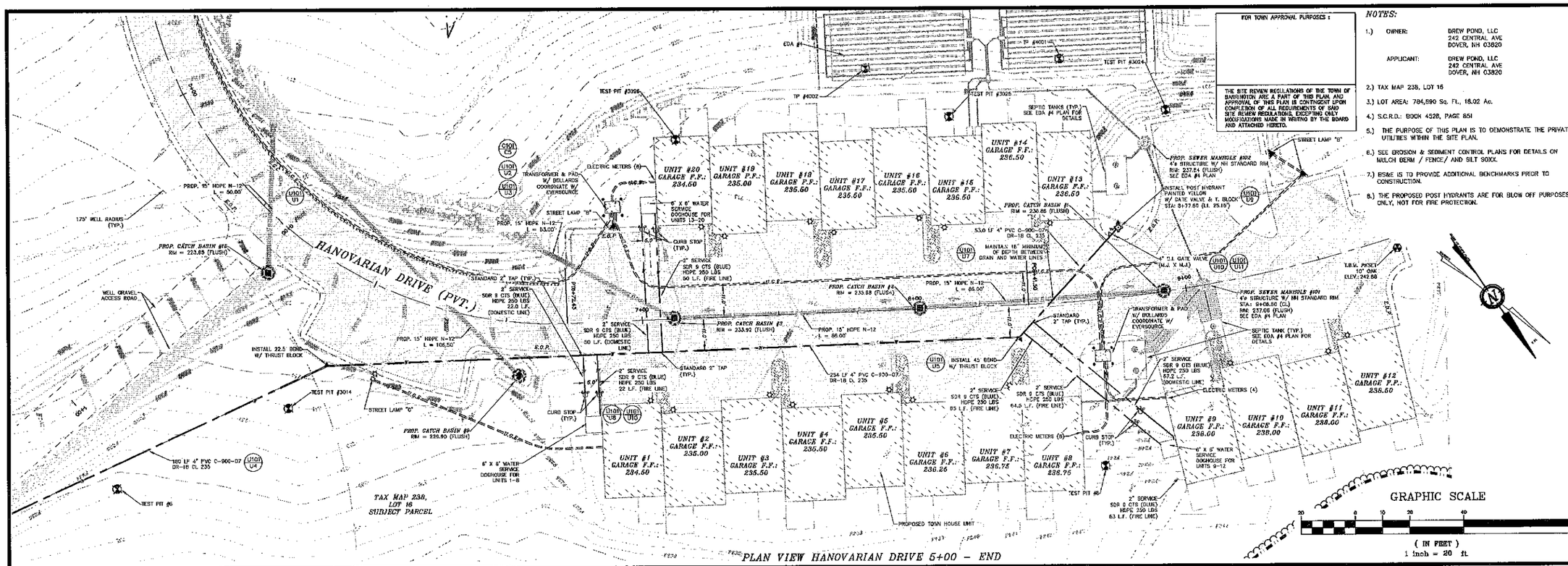
4.) S.C.R.D.: BOOK 4528, PAGE 851

5.) THE PURPOSE OF THIS PLAN IS TO DEMONSTRATE THE PRIVATE UTILITIES WITHIN THE SITE PLAN.

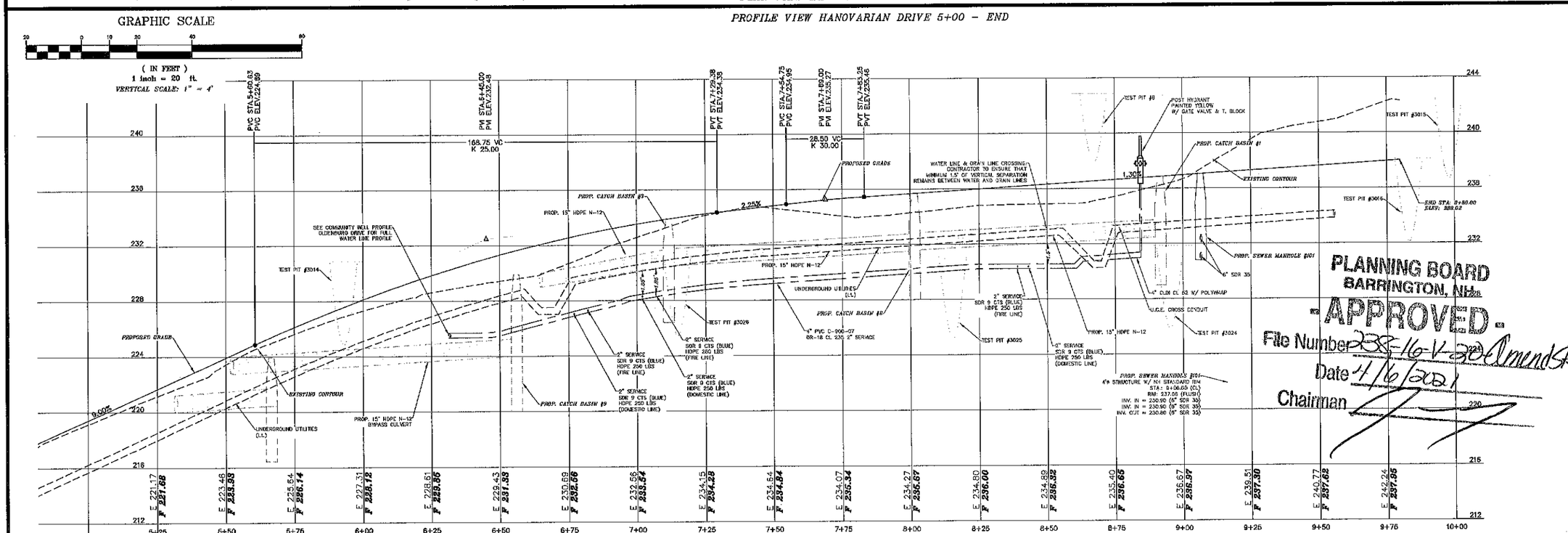
6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

8.) THE PROPOSED POST HYDRANTS ARE FOR BLOW OFF PURPOSES ONLY, NOT FOR FIRE PROTECTION.



PLAN VIEW HANOVARIAN DRIVE 5+00 – END



PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-2018 AmendSP
Date 4/16/2021
Chairman

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT FRM COMMENT
#5	10-27-20	REVISED PER CLIENT REQUEST
#4A	10-30-19	MAJOR REVISIONS PER BARRINGTON PLANNING BOARD COMMENT
#3	10-14-19	REVISED PER AGT APPLICATION
#2	9-25-19	REVISED PER DB&K COMMENT
#1		

(PHASE II)

UTILITY PLAN & PROFILE HANOVARIAN DRIVE 5+00 – END
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

4.) S.C.R.D.: BOOK 4528, PAGE 851

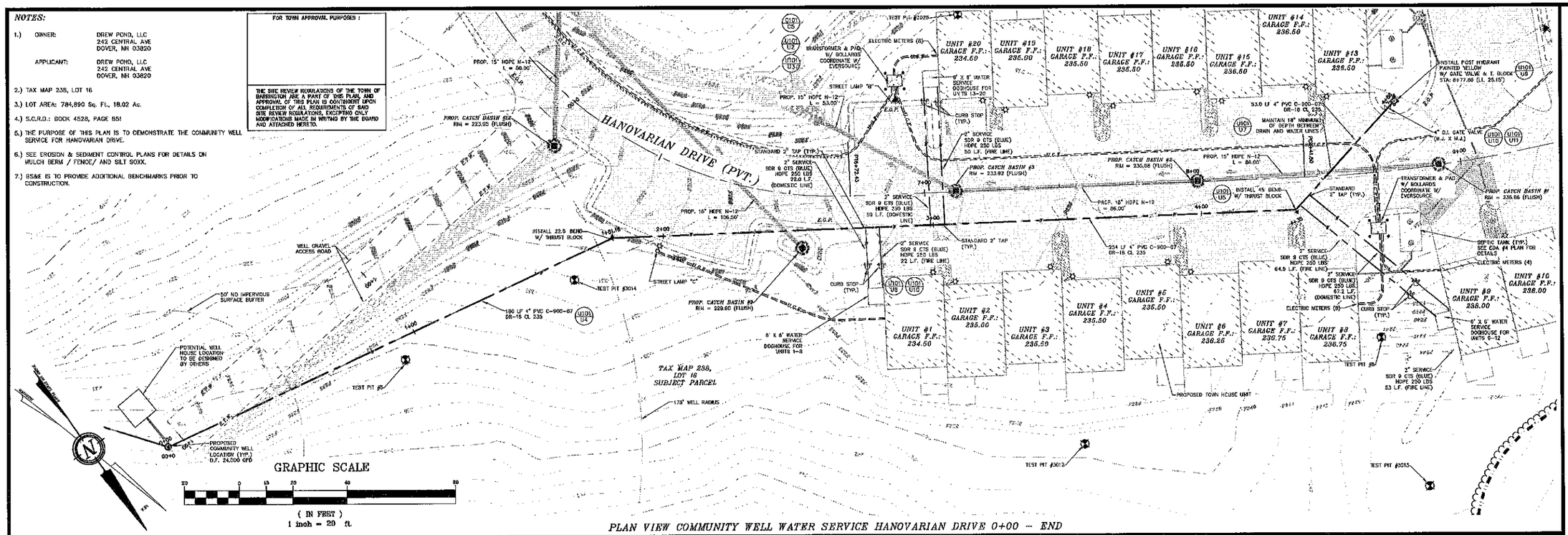
5.) THE PURPOSE OF THIS PLAN IS TO DEMONSTRATE THE COMMUNITY WELL SERVICE FOR HANOVARIAN DRIVE.

6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON MULCH BERM / FENCE/ AND SILT SOXX.

7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.

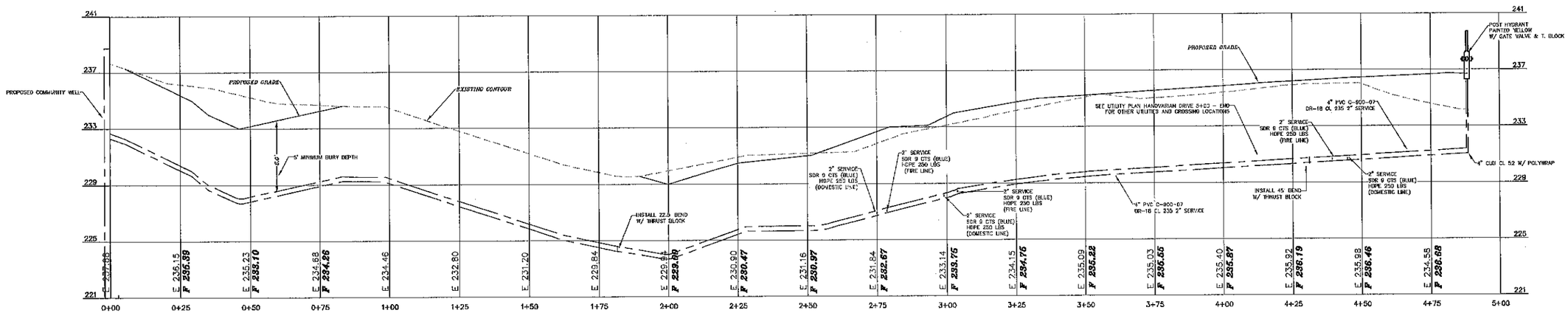
FOR TOWN APPROVAL PURPOSES :

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



PLAN VIEW COMMUNITY WELL WATER SERVICE HANOVARIAN DRIVE 0+00 – END

PROFILE VIEW COMMUNITY WELL WATER SERVICE HANOVARIAN DRIVE 0+00 – END



PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-AmendSR
Date 4/10/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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

REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RFMI COMMENT
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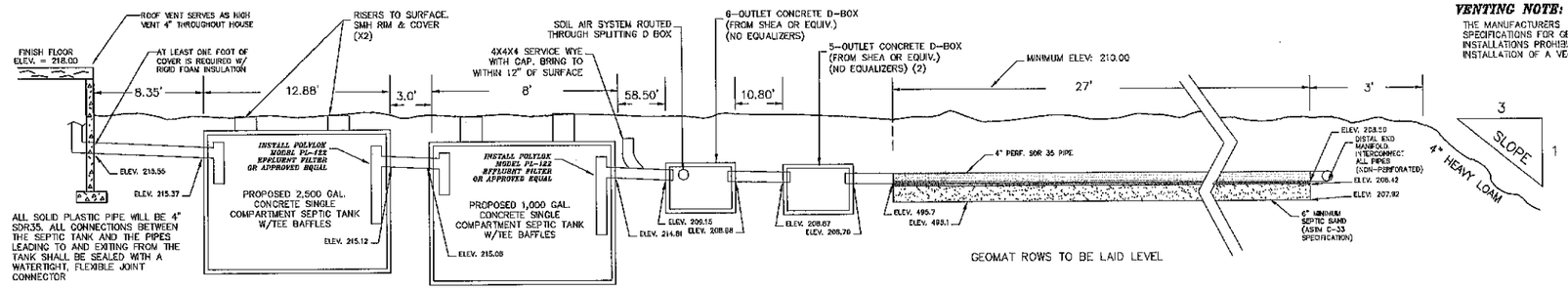
#3	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#2	10-30-19	REVISED PER AoT APPLICATION
#1	10-14-19	REVISED PER DB&K COMMENT
	9-25-19	

(PHASE II)
COMMUNITY WELL PROFILE HANOVARIAN DRIVE 0+00 – END
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

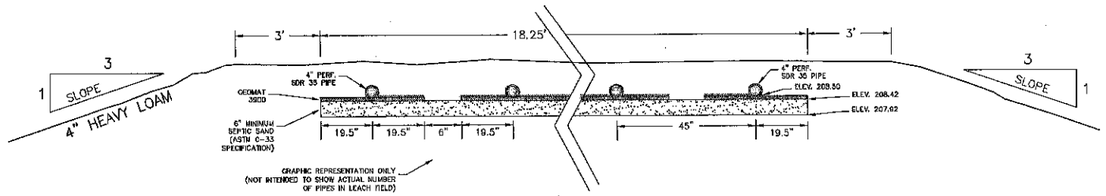
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

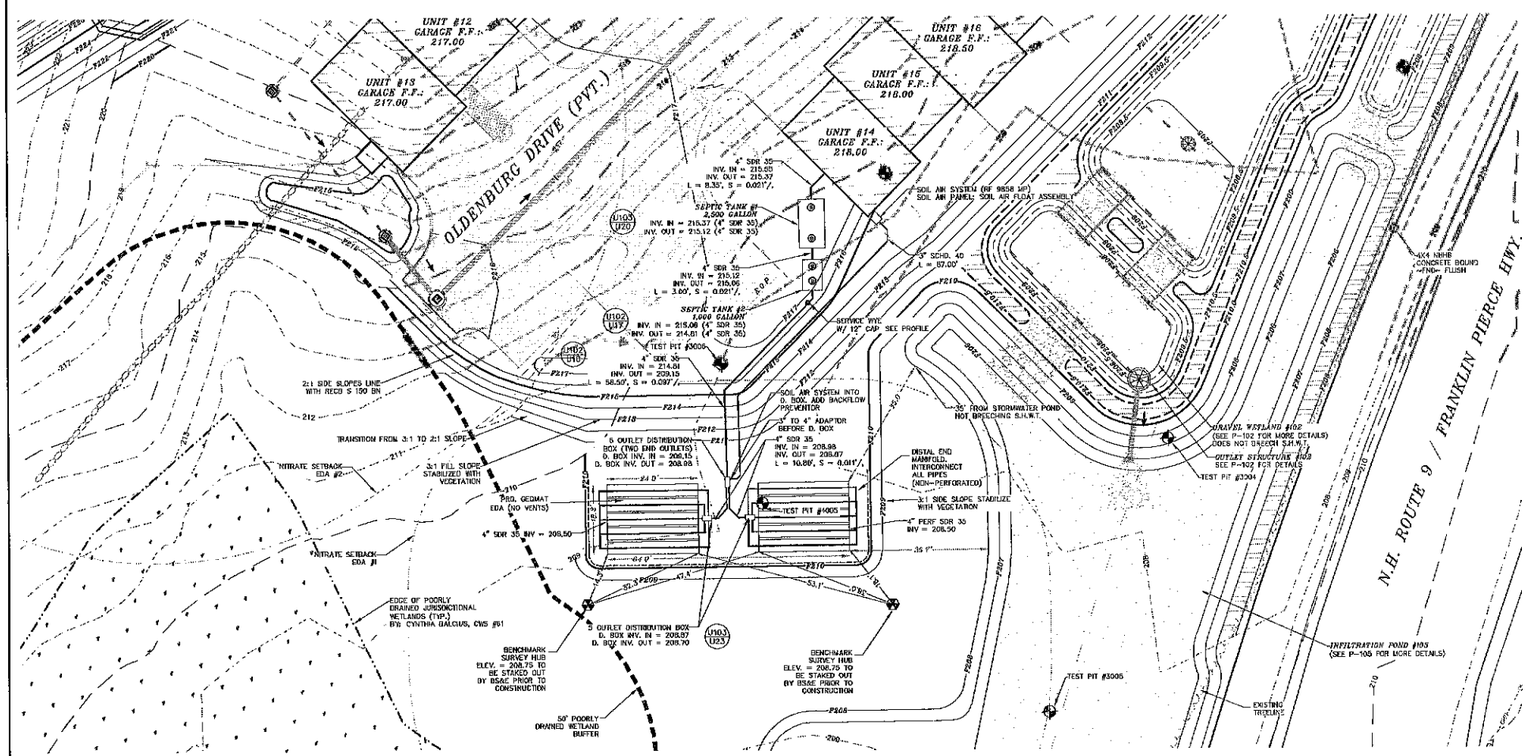
STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER



PROFILE OF SEPTIC SYSTEM



CROSS-SECTION OF DISPOSAL FIELD



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

THE WETLAND DELINEATION WAS COMPLETED JULY, 2017 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY:

CYNTHIA BALCIUS, CWS #61

VENTING NOTE:

THE MANUFACTURERS SPECIFICATIONS FOR GEOMAT INSTALLATIONS PROHIBIT THE INSTALLATION OF A VENT.

TESTHOLE DATA : #4005

0-6" 10YR 3/2, FINE LOAMY SAND, GRANULAR, FRIABLE
6-40" 10YR 5/4, FINE LOAMY SAND, GRANULAR, FRIABLE
40-66" 2.5Y 7/4, FINE LOAMY SAND, BLOCKY, FIRM IN HOLE FRIABLE IN HAND, 25% MOTTLES

S.H.W.T. @ 40"
RESTRICTIVE LAYER - NONE
LEDGE - NONE
FEW ROOTS TO 40"
PERC RATE = 0.65 MIN/INCH

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20 (Amend)
Date 4/6/2021
Chairman

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) DESIGNER: KENNETH A. BERRY, PERMIT #125
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825

3.) TAX MAP , LOT 238, LOT 16

4.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

5.) S.C.R.D. BOOK 4528, PAGE 851

6.) SUBDIVISION STATUS: N/A

7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.

8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50', OR POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.

9.) THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.

10.) THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.

11.) IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603-332-2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.

SOIL DATA :

HaB - HINCKLEY LOAMY SAND, 3 TO 8% SLOPES

SEE WEBSOIL

CALCULATIONS :

14 BEDROOMS TOTAL, 2,100 GPD
USE 2,500/1,000 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK (FROM SHEA CONCRETE OR EQUIV.)

0.65 MIN/IN MEASURED PERC RATE
4 MIN/IN DESIGN PERC RATE
3.41 GPD/SF HYDRAULIC LOADING
189 - MIN. LENGTH GEOMAT SEPTIC PIPE REQUIRED
240 - PROPOSED LENGTH OF GEOMAT SEPTIC PIPE
10 ROWS OF GEOMAT SEPTIC PIPE, EACH ROW 24' LONG

ELEVATIONS :

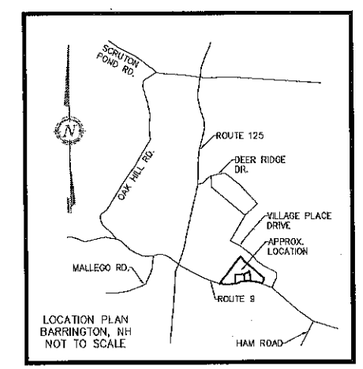
209.75 - HIGH POINT OF LEACH BED
205.42 - S.H.W.T.
N/A - IMPERVIOUS LAYER
250.50 - BOTTOM OF GEOMAT-SEPTIC PIPES

PLAN INTENT :

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 1.33' BELOW THE HIGH POINT OF THE EXISTING LAND.
IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

CAUTION !!!!!

ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY AND SAFELY.



LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 1025
LICENSED
PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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

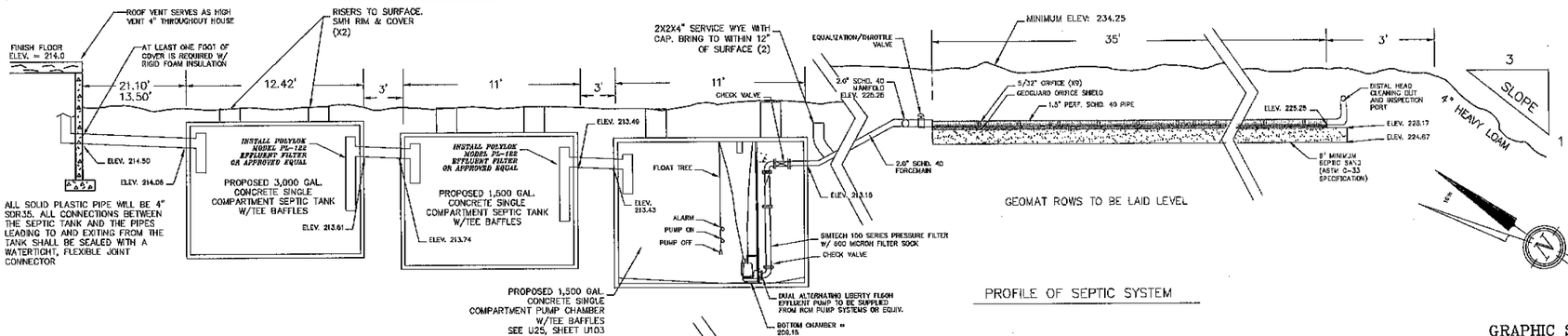
REVISION	DATE	DESCRIPTION

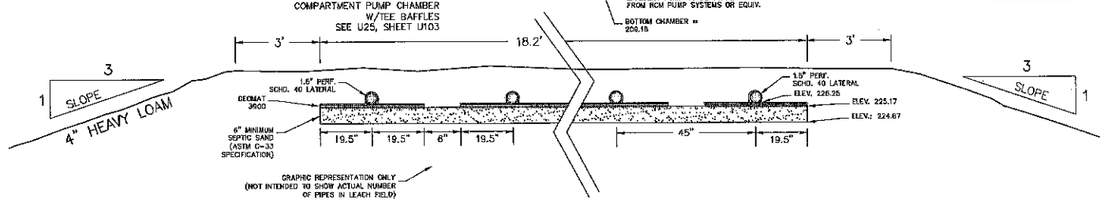
GEOMAT SEPTIC SYSTEM
LAND OF
DREW POND, LLC
ROUTE 9
BARRINGTON, NH 03825
MAP 238 LOT 16

SYSTEM #1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332-2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : SEPTEMBER 11, 2020
FILE NO. : DB 2017 - 75





VENTING NOTE:

THE MANUFACTURERS SPECIFICATIONS FOR GEOMAT INSTALLATIONS PROHIBIT THE INSTALLATION OF A VENT.

TESTHOLE DATA : #4003

0–4"	10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4–24"	10YR 5/6, FINE LOAMY SAND, GRANULAR, LOOSE IN HAND
24–49"	7.5YR 5/8, COARSE GRAVEL, SINGLE GRAIN, LOOSE IN HAND CEMENTED IN PLACE

S.H.W.T. @ 40"
RESTRICTIVE LAYER – NONE
LEDGE – NONE
FEW ROOTS TO 24"
PERC RATE = 3.53 MIN/INCH

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-Amend SR
Date 4/6/2021
Chairman

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) DESIGNER: KENNETH A. BERRY, PERMIT #125
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825

3.) TAX MAP , LOT 238, LOT 16

4.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

5.) S.C.R.D. BOOK 4526, PAGE 851

6.) SUBDIVISION STATUS: N/A

7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.

8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50', OR POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.

9.) THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.

10.) THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.

11.) IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603-332-2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.

CALCULATIONS :

20 BEDROOMS TOTAL, 3,000 GPD
USE 3,000/1,500 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK (FROM SHEA CONCRETE OR EQUIV.)

3.53 MIN/IN MEASURED PERC RATE
6 MIN/IN DESIGN PERC RATE
3.32 GPD/SF HYDRAULIC LOADING
278 – MIN. LENGTH GEOMAT SEPTIC PIPE REQUIRED
350 – PROPOSED LENGTH OF GEOMAT SEPTIC PIPE
10 ROWS OF GEOMAT SEPTIC PIPE, EACH ROW 35' LONG
131– VAX. GAL/DOSE/HALF FIELD
2' RESIDUAL HEAD AT LAST ORIFICE
5/32" ORIFICE SIZE
4' ORIFICE SPACING
STATIC HEAD = 16.10'

PUMP SIZING :

DESIGN FLOW RATE: 19.3 GPM
TOTAL DYNAMIC HEAD (TDH): 65.6 FEET
PUMP OPTIONS CONSIDERED: GOULDS WE10H, ORENCO PF2005, OR LIBERTY FL50/70 SERIES

ELEVATIONS :

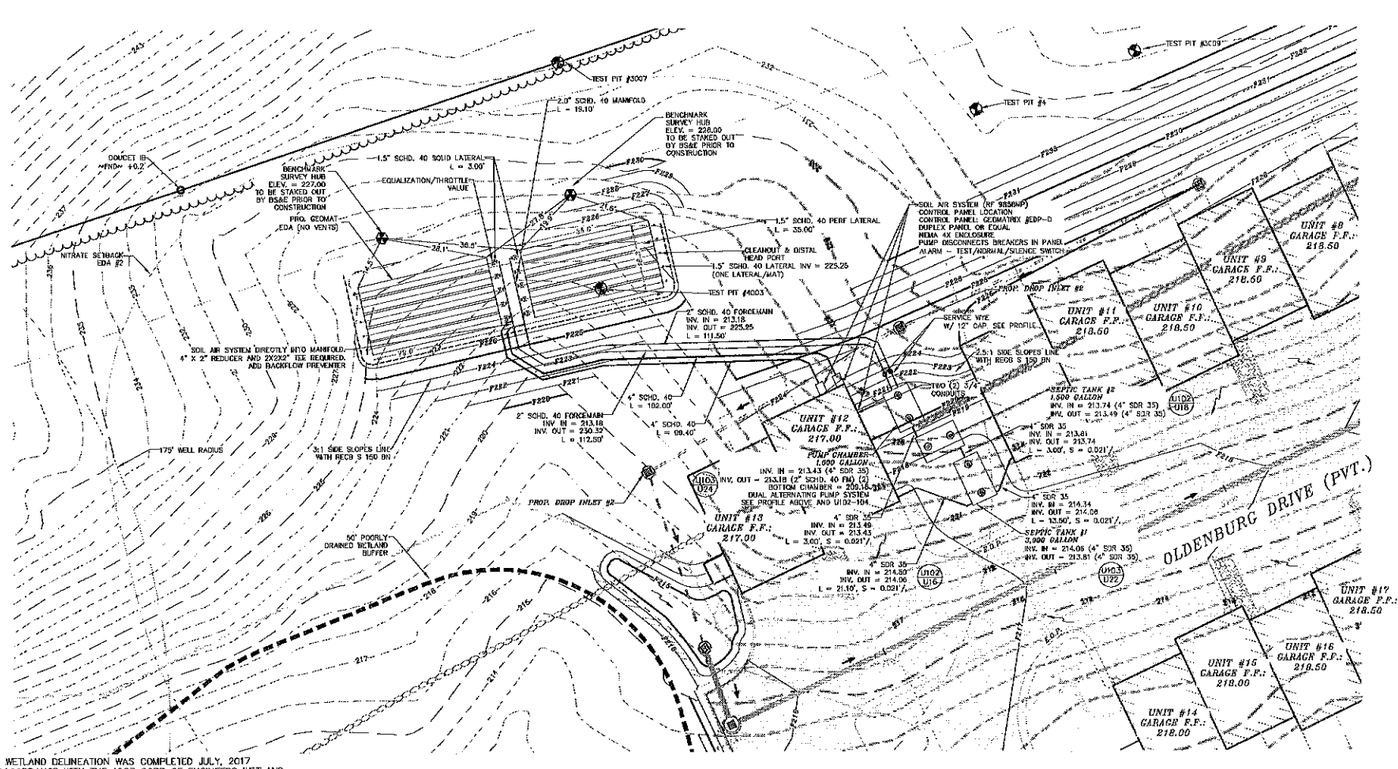
226.50 – HIGH POINT OF LEACH BED
223.17 – S.H.W.T.
N/A – IMPERVIOUS LAYER
225.25 – BOTTOM OF GEOMAT–SEPTIC PIPES

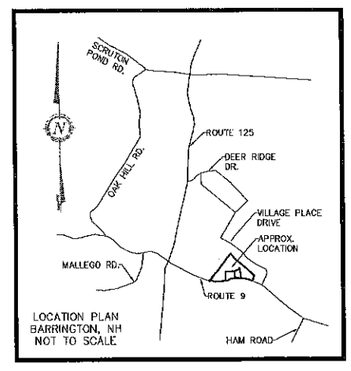
PLAN INTENT :

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 1.33' BELOW THE HIGH POINT OF THE EXISTING LAND.
IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

CAUTION !!!!!

ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH–DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH–DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY AND SAFELY.





THE WETLAND DELINEATION WAS COMPLETED JULY, 2017 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY:

CYNTHIA DALCIUS, CWS #61

STATE OF NEW HAMPSHIRE KENNETH A. BERRY No. 11141 LICENSED PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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

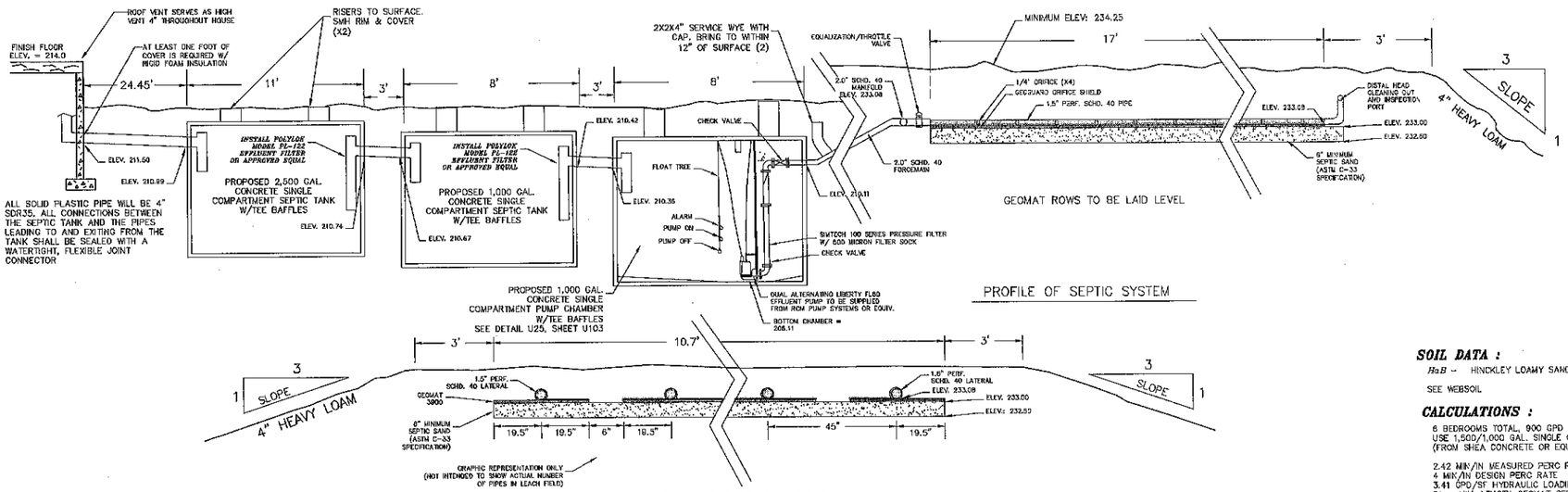
REVISION	DATE	DESCRIPTION

GEOMAT SEPTIC SYSTEM
LAND OF
DREW POND, LLC
ROUTE 9
BARRINGTON, NH 03825
MAP 238 LOT 16

SYSTEM #2

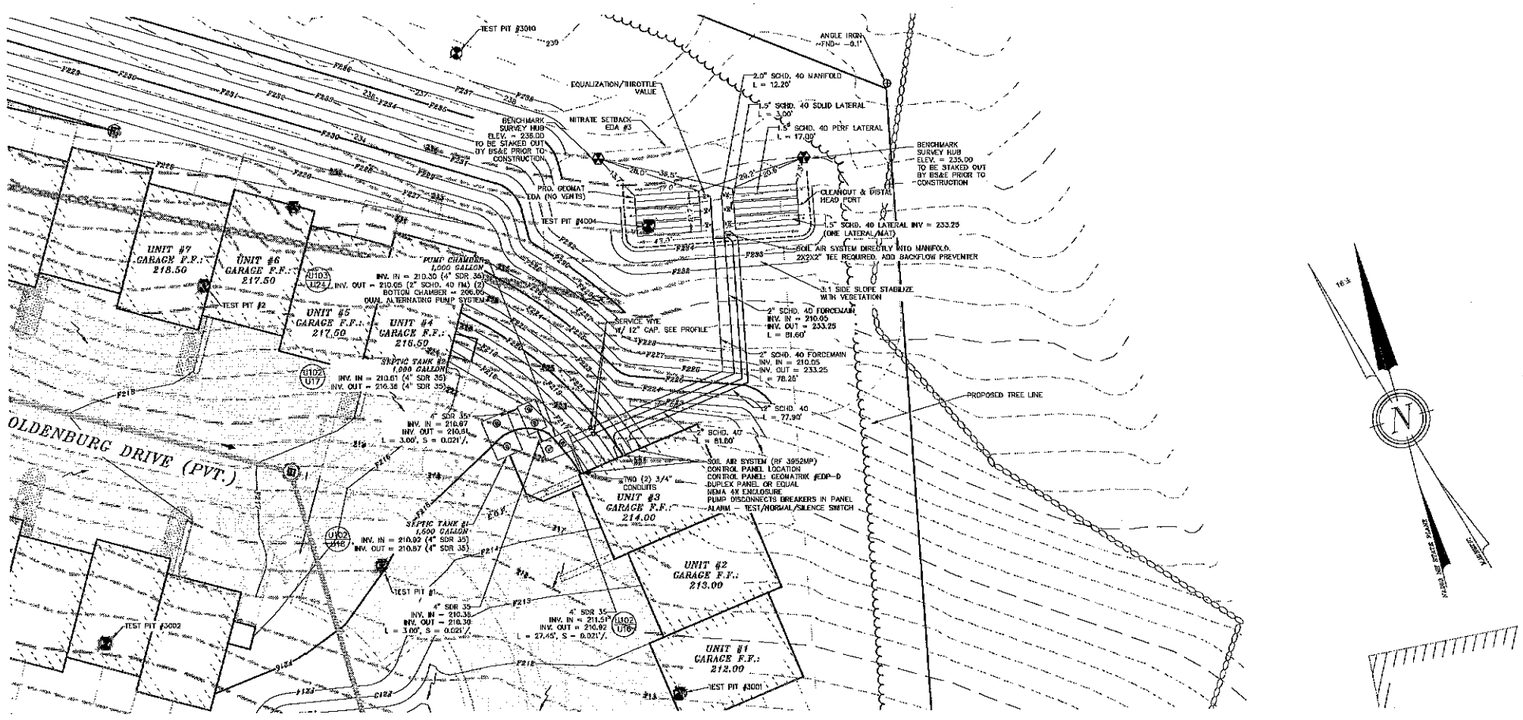
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332–2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : SEPTEMBER 11, 2020
FILE NO. : DB 2017 – 75



PROFILE OF SEPTIC SYSTEM

CROSS-SECTION OF DISPOSAL FIELD



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CYNTHIA BALCIUS, CWS #61

VENTING NOTE:

THE MANUFACTURERS SPECIFICATIONS FOR GEOMAT INSTALLATIONS PROHIBIT THE INSTALLATION OF A VENT.

TESTHOLE DATA : #4004

0–4" 10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4–42" 10YR 5/4, FINE LOAMY SAND, BLOCKY, LOOSE IN HAND
42–72" 2.5Y 6/8, FINE LOAMY SAND, BLOCKY, FIRM IN HOLE LOOSE IN HAND. COBBLES THROUGH OUT

S.H.W.T. @ 42"
RESTRICTIVE LAYER – NONE
LEDGE – NONE
FEW ROOTS TO 40"
PERC RATE = 2.42 MIN/INCH

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 338-16-1-20-Amend
Date 4/6/2021
Chairman

SOIL DATA :

HaB – HINCKLEY LOAMY SAND, 3 TO 8% SLOPES

SEE WEBSOIL

CALCULATIONS :

6 BEDROOMS TOTAL, 900 GPD
USE 1,500/1,000 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK (FROM SHEA CONCRETE OR EQUIV.)

2.42 MIN/IN MEASURED PERC RATE
4 MIN/IN DESIGN PERC RATE
3.41 GPD/SF HYDRAULIC LOADING
81 – MIN. LENGTH GEOMAT SEPTIC PIPE REQUIRED
102 – PROPOSED LENGTH OF GEOMAT SEPTIC PIPE
6 ROWS OF GEOMAT SEPTIC PIPE, EACH ROW 15' LONG
38 – MAX. GAL/DOSE/HALF FIELD
2' RESIDUAL HEAD AT LAST ORIFICE
7/32" ORIFICE SIZE
4' ORIFICE SPACING
STATIC HEAD = 27.56'

PUMP SIZING :

DESIGN FLOW RATE: 12.6 GPM
TOTAL DYNAMIC HEAD (TDH): 59.2 FEET
PUMP: DUAL ALTERNATING ORENCO PF1005

ELEVATIONS :

234.50 – HIGH POINT OF LEACH BED
231.00 – S.H.W.T.
N/A – IMPERVIOUS LAYER
233.08 – BOTTOM OF GEOMAT–SEPTIC PIPES

PLAN INTENT :

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 1.50' BELOW THE HIGH POINT OF THE EXISTING LAND.
IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

CAUTION !!!!!

ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH–DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH–DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY AND SAFELY.

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) DESIGNER: KENNETH A. BERRY, PERMIT #125
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825

3.) TAX MAP , LOT 238, LOT 16

4.) LOT AREA: 784,880 Sq. Ft., 18.02 Ac.

5.) S.C.R.D. BOOK 4528, PAGE 851

6.) SUBDIVISION STATUS: N/A

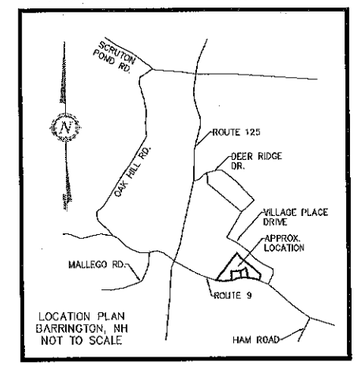
7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.

8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50', OR POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.

9.) THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.

10.) THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.

11.) IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603–332–2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.



LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE

STATE OF NEW HAMPSHIRE KENNETH A. BERRY LICENSED PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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

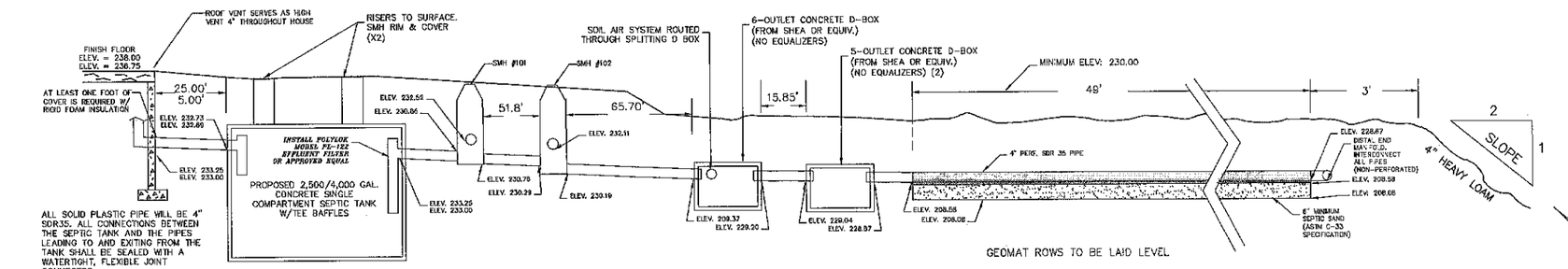
REVISION	DATE	DESCRIPTION

GEOMAT SEPTIC SYSTEM
LAND OF
DREW POND, LLC
ROUTE 9
BARRINGTON, NH 03825
MAP 238 LOT 16

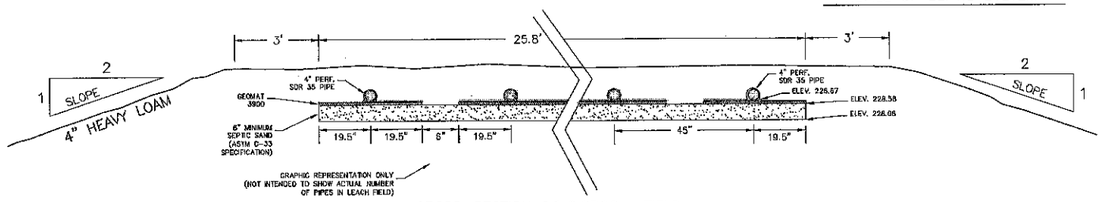
SYSTEM #3

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332–2863

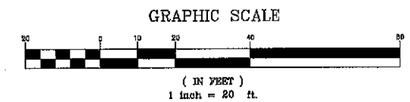
SCALE : 1 IN. EQUALS 20 FT.
DATE : SEPTEMBER 11, 2020
FILE NO. : DB 2017 – 75

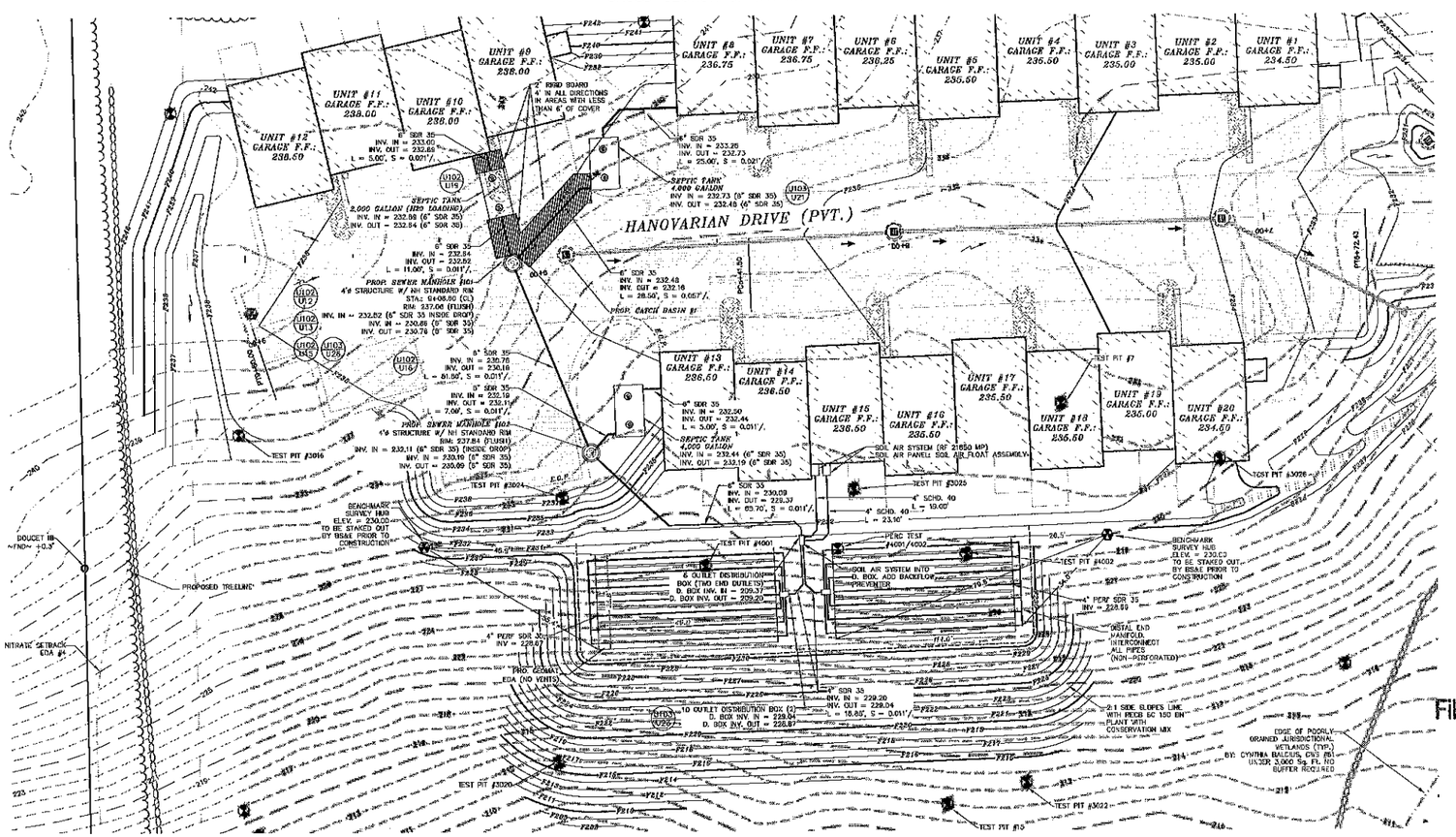


PROFILE OF SEPTIC SYSTEM



CROSS-SECTION OF DISPOSAL FIELD





THE WETLAND DELINEATION WAS COMPLETED JULY, 2017 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY:

CYNTHIA BALCIUS, CWS #61

VENTING NOTE:

THE MANUFACTURERS SPECIFICATIONS FOR GEOMAT INSTALLATIONS PROHIBIT THE INSTALLATION OF A VENT.

CALCULATIONS :

40 BEDROOMS TOTAL, 6,000 GPD
USE 4,500/2,000 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK (FROM SHEA CONCRETE OR EQUIV.)

3.65 MIN/IN MEASURED PERC RATE
4 MIN/IN DESIGN PERC RATE
3.41 GPD/SF HYDRAULIC LOADING
541 – MIN. LENGTH GEOMAT SEPTIC PIPE REQUIRED
686 – PROPOSED LENGTH OF GEOMAT SEPTIC PIPE
14 ROWS OF GEOMAT SEPTIC PIPE, EACH ROW 49' LONG

ELEVATIONS :

230.25 – HIGH POINT OF LEACH BED
226.58 – S.H.W.T.
N/A – IMPERVIOUS LAYER
228.65 – BOTTOM OF GEOMAT-SEPTIC PIPES

PLAN INTENT :

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 1.67' BELOW THE HIGH POINT OF THE EXISTING LAND.
IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

CAUTION !!!!!

ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL OR FUNCTION PROPERLY AND SAFELY.

TESTHOLE DATA : #4001

0–4"	10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4–31"	10YR 5/4, FINE LOAMY SAND, GRANULAR, LOOSE IN HAND
31–44"	2.5Y 6/4, FINE SAND, SINGLE GRAIN, LOOSE IN HAND
44–75"	2.5Y 6/3, FINE SAND, BLOCKY, SOMEWHAT FIRM IN PLACE FRIABLE IN HAND, 10% CONCENTRATIONS

S.H.W.T. @ 44"
RESTRICTIVE LAYER – NONE
LEDGE – NONE
FEW ROOTS TO 35"
PERC RATE = 3.65 MIN/INCH

TESTHOLE DATA : #4002

0–4"	10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
4–25"	10YR 5/4, FINE LOAMY SAND, GRANULAR, LOOSE IN HAND
25–44"	2.5Y 6/4, FINE SAND, SINGLE GRAIN, LOOSE IN HAND
44–72"	2.5Y 6/3, FINE SAND, SUBANGULAR BLOCKY, SOMEWHAT FIRM IN PLACE FRIABLE IN HAND, 15% CONCENTRATIONS

S.H.W.T. @ 44"
RESTRICTIVE LAYER – NONE
LEDGE – NONE
FEW ROOTS TO 38"
PERC RATE = 3.65 MIN/INCH

NOTES:

1.) OWNER:
DREW POND, LLC
242 CENTRAL AVE
DOVER, NH 03820

2.) DESIGNER: KENNETH A. BERRY, PERMIT #125
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825

3.) TAX MAP . LOT 238, LOT 16

4.) LOT AREA: 784,890 Sq. Ft., 18.02 Ac.

5.) S.C.R.D. BOOK 4528, PAGE 851

6.) SUBDIVISION STATUS: N/A

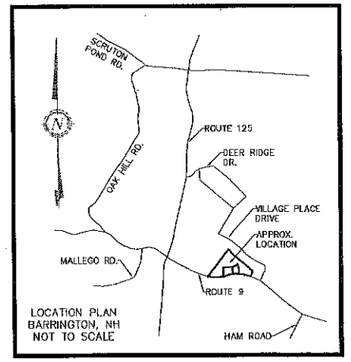
7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.

8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50', OR POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.

9.) THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.

10.) THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.

11.) IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603-332-2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.



LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 1445
LICENSED PROFESSIONAL ENGINEER

PLANNING BOARD
BARRINGTON, NH
APPROVED
"FOR TOWN APPROVAL PURPOSES"
File Number 238-16&20-1 Amend SR
Date 4/6/2021
Chairman

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

REVISION	DATE	DESCRIPTION

GEOMAT SEPTIC SYSTEM
LAND OF
DREW POND, LLC
ROUTE 9
BARRINGTON, NH 03825
MAP 238 LOT 16

SYSTEM #4

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332-2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : SEPTEMBER 11, 2020
FILE NO. : DB 2017 – 75

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

PLANTING NOTES

1. CONTRACTOR SHALL OBTAIN APPROVAL FROM L.A. PRIOR TO PURCHASING &/OR INSTALLING SUBSTITUTE PLANT MATERIAL PRIOR TO PURCHASE OF ANY SUBSTITUTE MATERIALS.

2. CONSTRUCTION ACCESS WILL BE AS DIRECTED BY L.A. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ACCESS ROUTE AND ALL AREAS DISTURBED BY PLANTING OPERATIONS UPON COMPLETION OF CONSTRUCTION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.

3. LAYOUT OF ALL PLANTING BEDS AND LOCATION OF PLANTS TO BE APPROVED BY L.A. ON SITE PRIOR TO CONSTRUCTION AND INSTALLATION.

4. CONTRACTOR TO REMOVE ALL DEBRIS GENERATED BY PLANT INSTALLATION. DEBRIS TO BE DISPOSED OF IN A LEGAL MANNER.

5. ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN GOOD, HEALTHY & FLOURISHING CONDITION FOR ONE YEAR FROM THE DATE OF FINAL INSTALLATION APPROVAL BY L.A. CONTRACTOR SHALL REPLACE, WITHOUT COST TO OWNER, AND AS SOON AS WEATHER CONDITIONS PERMIT, ALL DEAD AND NON-FLOURISHING PLANTS AS DETERMINED BY THE L.A. REPLACEMENT PLANTS SHALL BE BE GUARANTEED IDENTICALLY TO ORIGINAL PLANTS, TIME PERIOD COMMENCING FROM DATE OF REPLACEMENT PLANTING APPROVAL BY L.A.

6. ALL BEDS TO BE MULCHED WITH 3" DEPTH SHREDDED BARK MULCH UNLESS NOTED OTHERWISE.

7. CONTRACTOR TO PROVIDE NECESSARY TEMPORARY IRRIGATION IF NEEDED BASED ON TIME OF YEAR THE PROJECT IS IMPLEMENTED.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-1-20-Amend SR
Date 4/16/2021
Chairman

PLANTING SCHEDULE
Oldenburg Drive

Botanical Name/ Common Name	Size	Qty	Label
Trees			
Magnolia Stellata / Kousa Dogwood	3" Cal.	2	MS
Cornus Kousa / Kousa Dogwood	3" Cal.	2	CK
Gleditsia 'Shademaster' / Shademaster Honeylocust	3" Cal.	2	GS
Ulmus americana 'Princeton' / Princeton American Elm	3" Cal.	1	UA
Quercus / Oak	3" Cal.	1	QU
Shrubs			
Cornus sanguinea 'Winter Flame' / Winter Flame Dogwood	2-3' B&B	3	CS
Physocarpus opulifolius 'Summer Wine' / Summer Wine Ninebark	2-3' B&B	3	PO
Spiraea japonica 'Neon Flash' / Neon Flash Spirea	#3	3	SJ
Syringa patula 'Miss Kim' / Miss Kim Lilac	2-3' B&B	4	MK
Perennials			
Hemerocallis 'Big Time Happy' / Big Time Happy Daylily	#1	22	HD
Hemerocallis 'Pardon Me' / Pardon Me Daylily	#1	22	PM

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planning & design llc

General Plant Maintenance Guide

General Hard Bed Maintenance:

- All plant maintenance should be performed by a qualified horticulturist or licensed arborist. Clearing the dead material out of the planting bed in the fall helps keep litter from building up around the plants and in some cases killing the plant. Watering the first year during dry periods will help get the plant established. Watering may need to be continuous. Raking the site mulch and leaving it to all that is needed. When necessary only install a contact of mulch and do not place the mulch closer than 3" to the trunk or stems of woody plants.

Trees:

- Use first year watering during dry periods will be necessary.
- 3" inches of mulch maximum is used. The mulch should be kept 3 inches from the trunk.
- Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when and if the foliage is looking weak.
- Fertilization should occur prior to Mid-April or after trees have dropped their leaves for the year.
- Prune dead wood once a year.
- Depending on the amount of transportation the first year roots, deep root penetration may be needed over time.

Woody Shrubs:

- The first year watering during dry periods will be necessary.
- 3" inches of mulch maximum is used. The mulch should be kept 3 inches from the stems.
- Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when and if the foliage is looking weak.
- Fertilization should occur prior to Mid-April or after shrubs have dropped their leaves or good growth for the year.
- Prune dead wood once a year.

Perennials:

- Ornamental grasses should be cut back at the end of the growing season to allow the clippings to be removed from the area.
- Do not over mulch. Too much mulch will prohibit the grass from developing into a strong clump.

Perennials:

- All perennials need to be pulled back after their first or second hard frost, or have any noticeably dead foliage. Cut the flower heads and leave stems in the ground for one month. Second cut the stems back to 3" above the ground and remove the stems and leaf litter and place in compost. Do not over mulch. Too much mulch will prohibit the growth and development.
- Fertilizing perennials once in the spring with a low phosphorus fertilizer will help the plants to get a start in the spring.

www.terrainplanning.com 311 kast hill road hopkinton nh 03229 1 603-491-2322

FOR TOWN APPROVAL PURPOSES :

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planning & design llc

311 kast hill road
hopkinton, nh 03229
603. 491. 2322
terrainplanning.com

OLDENBURG DRIVE

Site Location:
N.H. ROUTE 9
BARRINGTON, NH
Tax Map: 238

Prepared For:
Berry Surveying & Engineering
335 Second Crown Point Rd
Barrington, NH 03825

LANDSCAPE PLAN
(PHASE I)

DATE: 3/25/2019

SCALE: 1" = 30'

PROJECT #: 17-075

Drawn By: ID

Checked By: ERB

REVISIONS:	DATE:
Issued for Client Review	

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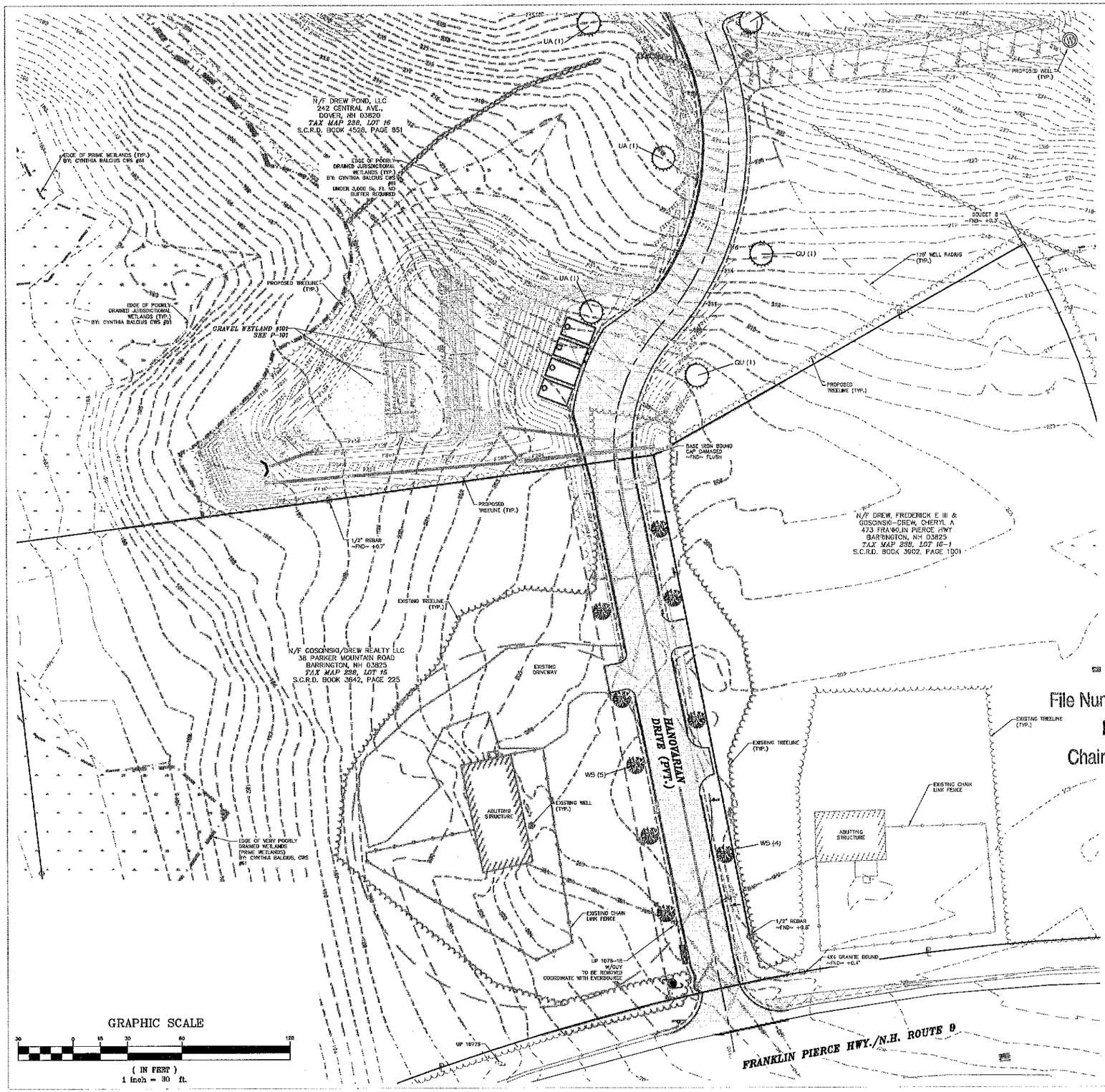
L - 01

LICENSED LANDSCAPE ARCHITECT
ERIC R. BUCK
078
STATE OF NEW HAMPSHIRE



PLANTING NOTES:

1. CONTRACTOR SHALL OBTAIN APPROVAL FROM L.A. PRIOR TO PURCHASING &/OR INSTALLING SUBSTITUTE PLANT MATERIAL PRIOR TO PURCHASE OF ANY SUBSTITUTE MATERIALS.

2. CONSTRUCTION ACCESS WILL BE AS DIRECTED BY L.A. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ACCESS ROUTE AND ALL AREAS DISTURBED BY PLANTING OPERATIONS UPON COMPLETION OF CONSTRUCTION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.

3. LAYOUT OF ALL PLANTING BEDS AND LOCATION OF PLANTS TO BE APPROVED BY L.A. ON SITE PRIOR TO CONSTRUCTION AND INSTALLATION.

4. CONTRACTOR TO REMOVE ALL DEBRIS GENERATED BY PLANT INSTALLATION. DEBRIS TO BE DISPOSED OF IN A LEGAL MANNER.

5. ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN GOOD, HEALTHY & FLOURISHING CONDITION FOR ONE YEAR FROM THE DATE OF FINAL INSTALLATION APPROVAL BY L.A. CONTRACTOR SHALL REPLACE, WITHOUT COST TO OWNER, AND AS SOON AS WEATHER CONDITIONS PERMIT, ALL DEAD AND NON-FLOURISHING PLANTS AS DETERMINED BY THE L.A. REPLACEMENT PLANTS SHALL BE BE GUARANTEED IDENTICALLY TO ORIGINAL PLANTS, TIME PERIOD COMMENCING FROM DATE OF REPLACEMENT PLANTING APPROVAL BY L.A.

6. ALL BEDS TO BE MULCHED WITH 3" DEPTH SHREDDED BARK MULCH UNLESS NOTED OTHERWISE.

7. CONTRACTOR TO PROVIDE NECESSARY TEMPORARY IRRIGATION IF NEEDED BASED ON TIME OF YEAR THE PROJECT IS IMPLEMENTED.

TEMPORARY WATERING NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR MAKING SURE ALL PLANT MATERIAL HAS ADEQUATE WATER DURING THE ESTABLISHMENT PERIOD.

2. THE USE OF GATOR BAGS, SOAKER HOSE, HAND WATERING AND OTHER TECHNIQUES SHOULD BE USED TO ASSURE PROPER HYDRATION OF THE PLANTINGS IS MAINTAINED.

3. TEMPORARY IRRIGATION SYSTEMS CAN BE SET UP TO ASSIST IN WATERING ACTIVITIES.

PLANTING SCHEDULE
Hanovarian Drive

Botanical Name / Common Name	Size	Qty	Label
Trees			
Magnolia Stellata / Kousa Dogwood	3" Cal.	2	MS
Cornus Kousa / Kousa Dogwood	3" Cal.	2	CK
Gleditsia 'Shademaster' / Shademaster Honeylocust	3" Cal.	2	GS
Ulmus americana 'Princeton' / Princeton American Elm	3" Cal.	3	UA
Quercus / Oak	3" Cal.	4	QU
Picea glauca / White Spruce	3" Cal.	9	WS
Shrubs			
Cornus sanguinea 'Winter Flame' / Winter Flame Dogwood	2-3' B&B	3	CS
Physocarpus opulifolius 'Summer Wine' / Summer Wine Ninebark	2-3' B&B	3	PO
Spiraea japonica 'Neon Flash' / Neon Flash Spirea	#3	3	SJ
Syringa patula 'Miss Kim' / Miss Kim Lilac	2-3' B&B	4	MK
Perennials			
Hemerocallis 'Stella de Oro' / Big Time Happy Daylily	#1	28	HD
Hemerocallis 'Pardon Me' / Pardon Me Daylily	#1	28	PM

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-Amendment
Date 4/6/2021
Chairman

terrain planning & design llc

General Plant Maintenance Guide

General Plant Bed Maintenance:

- All plant maintenance should be performed by a certified horticulturist or licensed arborist. Locating the dead material out of the planting bed in the fall helps keep litter from building up around the plants and to some extent hiding the plants. Watering the first year during dry periods will help get the plants established. Mulching every year is necessary. Raking the old mulch and turning it over is ok but is second. When necessary only heavy application of mulch and do not place the mulch closer than 3" to the crown or stems of woody plants.

Trees

- The first year watering during dry periods will be necessary.
- 3" inches of mulch may be used. The mulch should be kept 3 inches from the trunk.
- Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when need if the foliage is looking weak.
- Fertilization should occur prior to Mid-May or after trees have dropped their leaves for the year.
- Prune dead wood once a year.
- Depending on the amount of compaction the bed area receives, deep root aeration may be needed every year.

Woody Shrubs

- The first year watering during dry periods will be necessary.
- 3" inches of mulch may be used. The mulch should be kept 3 inches from the stems.
- Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when need if the foliage is looking weak.
- Fertilization should occur prior to Mid-May or after shrubs have dropped their leaves or gone dormant for the year.
- Prune dead wood once a year.

Pruning:

- Grasses only need to be clipped back at the end of the growing season and all the clippings removed from the area.
- Do not over mulch. Too much mulch will prohibit the grass from developing into a strong clump.

Perennials

- All perennials need to be pruned back after the first or second hard frost. A two-step method, first cut back all the flower heads and let drop to the ground for re-seeding. Second cut them back to 3" above the ground and remove the stem and leaf litter and place in compost. Do not over mulch. Too much mulch will prohibit the growth and development.
- Fertilizing is generally done in the spring with a low phosphorus fertilizer with high phosphorus to get started in the spring.

terrain planning & design llc
311 kast hill road
hopkinton, nh 03229
603. 491. 2322
terrainplanning.com

HANOVARIAN DRIVE

Site Location:
N.H. ROUTE 9
BARRINGTON, NH
Tax Map: 238

Prepared For:
Berry Surveying & Engineering
335 Second Crown Point Rd
Barrington, NH 03825

LANDSCAPE PLAN
(PHASE II)

DATE: 3/25/2019

SCALE: 1" = 30'

PROJECT #: 17-075

Drawn By: ID

Checked By: ERB

REVISIONS: DATE:
Issued for Client Review

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L - 02

FOR TOWN APPROVAL PURPOSES :

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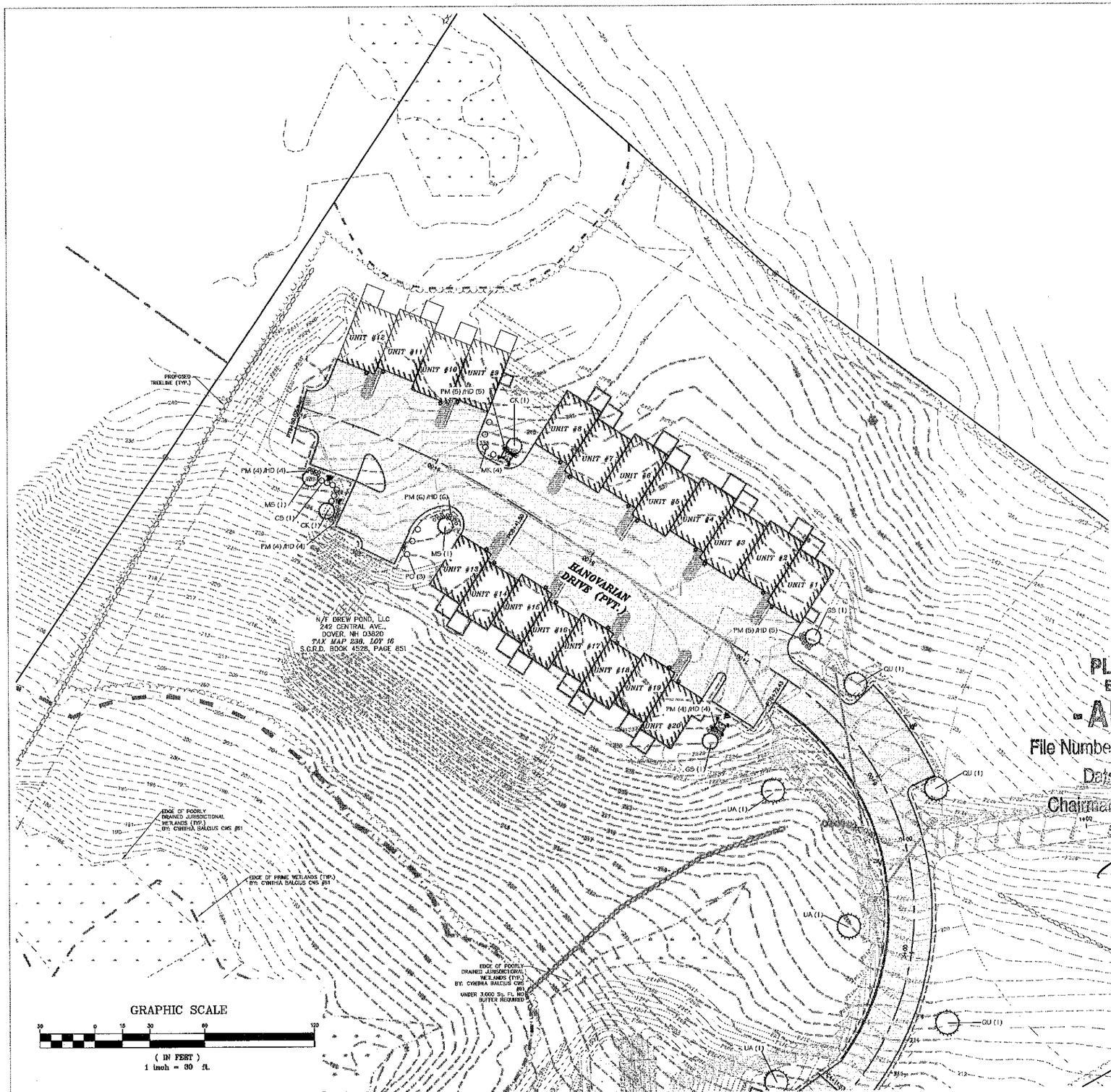
SHEET 36 OF 56

LICENSED LANDSCAPE ARCHITECT
ERIC R. BUCK
078
STATE OF NEW HAMPSHIRE



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PLANTING SCHEDULE
Hanovarian Drive
Botanical Name / Common Name

Trees	Size	Qty	Label
Magnolia Stellata / Kousa Dogwood	3" Cal.	2	MS
Cornus Kousa / Kousa Dogwood	3" Cal.	2	CK
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Ulmus americana 'Princeton' / Princeton American Elm	3" Cal.	3	UA
Quercus / Oak	3" Cal.	4	QU
Picea glauca / White Spruce	3" Cal.	9	WS
Shrubs			
Cornus sanguina 'Winter Flame' / Winter Flame Dogwood	2-3' B&B	3	CS
Physocarpus opulifolius 'Summer Wine' / Summer Wine Ninebark	2-3' B&B	3	PO
Spiraea japonica 'Neon Flash' / Neon Flash Spiree	#3	3	SJ
Syringa patula 'Miss Kim' / Miss Kim Lilac	2-3' B&B	4	MK
Perennials			
Hemerocallis 'Big Time Happy' / Big Time Happy Daylily	#1	28	HD
Hemerocallis 'Pardon Me' / Pardon Me Daylilly	#1	28	PM

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-2.0 Amend SR
Date 4/16/2021
Chairman

terrain planning & design llc

General Plant Bed Maintenance Guide

General Plant Bed Maintenance:

All plant maintenance should be performed by a qualified horticulturalist or licensed arborist. Removing the dead material out of the planting beds will help keep other bushes healthy and mulching around the plants will help to conserve water during the plants establishment period. Watering during dry periods will help ensure plants establishes. Mulching every year helps tremendously. Raking the old mulch and turning it over last spring helps aerate the soil. When necessary only install enough of mulch bed to keep the mulch depth thin 3" to avoid rodents or mice of wandering there.

Trees:

- Water during dry periods when necessary.
- 3" inches of mulch are used. The mulch should be kept 1 inches from the trunk.
- Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when and if the foliage is looking weak.
- Fertilization should occur prior to bloom or after trees have dropped their leaves for the year.
- Prune dead wood once a year.
- Depending on the amount of compaction the bed area receives, deep root aeration may be needed every three

Woody Shrubs:

- Water during dry periods when necessary.
- 3" inches of mulch are used. The mulch should be kept 1 inches from the stems.
- Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when and if the foliage is looking weak.
- Fertilization should occur prior to bloom or after shrubs have dropped their flowers or have finished for the year.
- Prune dead wood once a year.

Perennials:

- Grasses only need to be clipped back at the end of the growing season and all the clippings removed from the area.
- Do not over mulch. Too much mulch will prohibit the grass from developing into a strong clump.

Perennials:

- All perennials need to be pruned back after the first or second hard frost. A easy step method: first, dead head all the flower heads as well as cut up to the ground for re-seeding. Second, cut the stems back to 3" above the ground and remove the stems and leaf litter and place in compost. Do not over mulch. Too much mulch will prohibit the growth and disappearance.
- Fertilizing grass late once in the spring with a low phosphorus fertilizer will help the plants get started in the spring.

www.terrainplanning.com 311 kast hill road hopkinton nh 03229 T:603-491-2322

FOR TOWN APPROVAL PURPOSES :

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terrain
planning & design llc
311 kast hill road
hopkinton, nh 03229
603. 491. 2322
terrainplanning.com

HANOVARIAN DRIVE

Site Location:
N.H. ROUTE 9
BARRINGTON, NH
Tax Map: 238

Prepared For:
Berry Surveying & Engineering
335 Second Crown Point Rd
Barrington, NH 03825

LANDSCAPE PLAN
(PHASE II)

DATE: 3/25/2019

SCALE: 1" = 30'

PROJECT #: 17-075

Drawn By: ID

Checked By: ERB

REVISIONS: DATE:
issued for Client Review

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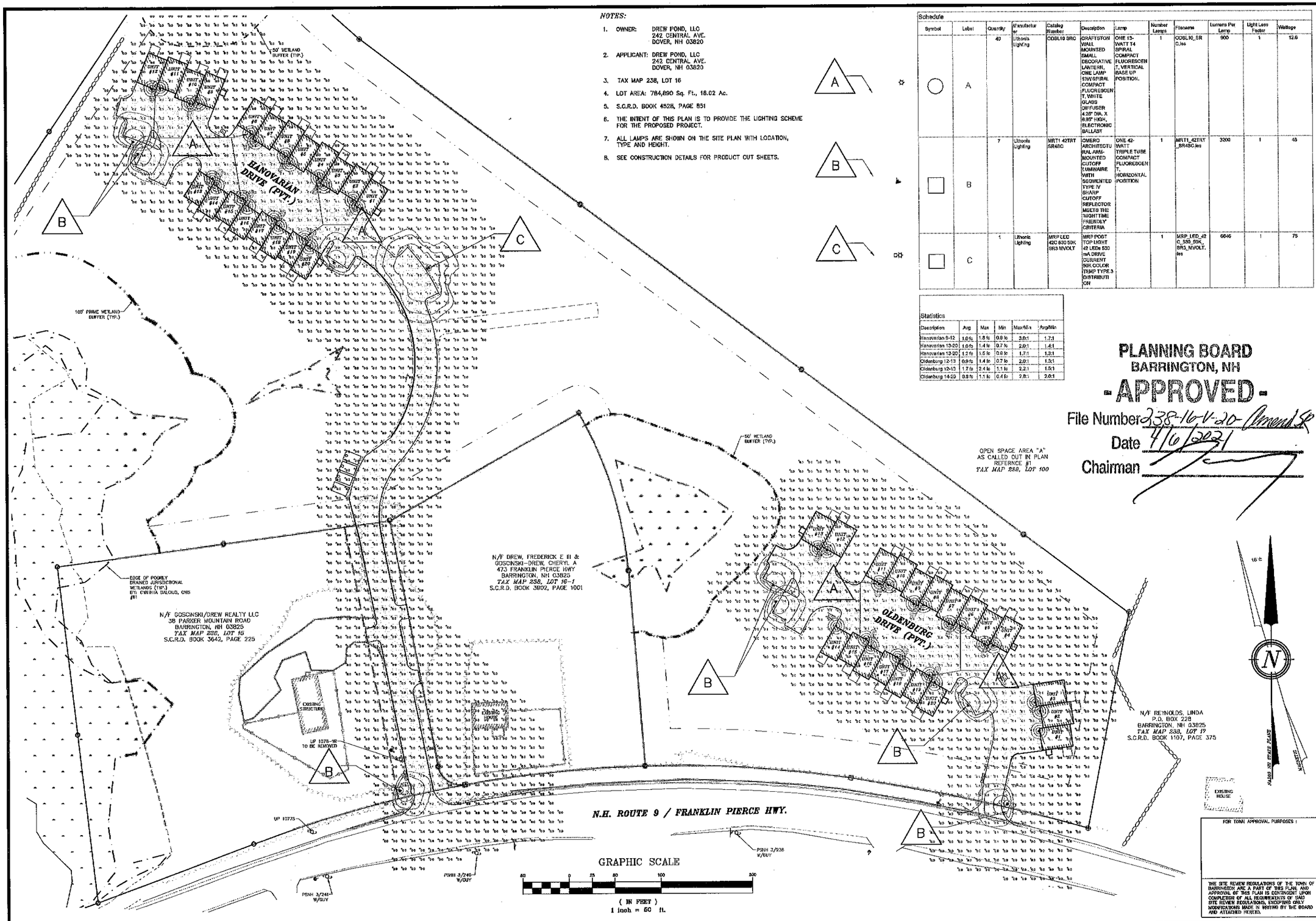
L - 03

SHEET 37 OF 56

LICENSED LANDSCAPE ARCHITECT
ERIC R. BUCK
078
STATE OF NEW HAMPSHIRE

NOTES:

1. OWNER: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
2. APPLICANT: DREW POND, LLC
   242 CENTRAL AVE.
   DOVER, NH 03820
3. TAX MAP 238, LOT 16
4. LOT AREA: 784,890 Sq. Ft., 18.02 Ac.
5. S.C.R.D. BOOK 4528, PAGE 851
6. THE INTENT OF THIS PLAN IS TO PROVIDE THE LIGHTING SCHEME FOR THE PROPOSED PROJECT.
7. ALL LAMPS ARE SHOWN ON THE SITE PLAN WITH LOCATION, TYPE AND HEIGHT.
8. SEE CONSTRUCTION DETAILS FOR PRODUCT CUT SHEETS.



Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A	40	Lithonia Lighting	ODSL10 SRC	GRAFTSTON WALL MOUNTED SMALL DECORATIVE LANTERN. ONE LAMP 13W SPIRAL COMPACT FLUORESCENT, WHITE GLASS DIFFUSER 4.25" DIA. X 8.85" HIGH. ELECTRONIC BALLAST	ONE 13-WATT T4 SPIRAL COMPACT FLUORESCENT, VERTICAL BASE UP POSITION.	1	ODSL10_SRC.ies	900	1	12.6
	B	7	Lithonia Lighting	MRT1 42TRT SR4SC	OMERO ARCHITECTURAL WALL-MOUNTED CUTOFF LUMINAIRE WITH SEGMENTED TYPE IV SHARP CUTOFF REFLECTOR MEETS THE NIGHTTIME FRIENDLY CRITERIA	ONE 42-WATT TRIPLE TUBE COMPACT FLUORESCENT, HORIZONTAL POSITION	1	MRT1_42TRT_SR4SC.ies	3200	1	46
	C	1	Lithonia Lighting	MRP LED 42C 530 50K SR3 MVOLT	MRP POST TOP LIGHT 42 LEDs 530 mA DRIVE CURRENT 50K COLOR TEMP TYPE 3 DISTRIBUTION		1	MRP_LED_42C_530_50K_SR3_MVOLT.ies	6846	1	75

Statistics

Description	Avg	Max	Min	Max/Min	Avg/Min
Hanovarian 9-12	1.0 fc	1.8 fc	0.6 fc	3.0:1	1.7:1
Hanovarian 13-20	1.0 fc	1.4 fc	0.7 fc	2.0:1	1.4:1
Hanovarian 13-20	1.2 fc	1.5 fc	0.9 fc	1.7:1	1.3:1
Oldenburg 12-13	0.9 fc	1.4 fc	0.7 fc	2.0:1	1.3:1
Oldenburg 12-13	1.7 fc	2.4 fc	1.1 fc	2.2:1	1.5:1
Oldenburg 14-20	0.8 fc	1.1 fc	0.4 fc	2.8:1	2.0:1

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-Amend SP
Date 4/6/2021
Chairman

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REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RPMI COMMENT
#4	10-27-20	REVISED PER AoT RPMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-23-19	REVISED PER DSGK COMMENT

LIGHTING PLAN
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 50 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 ACRES

4.) S.C.R.D. BOOK 4528, PAGE 851

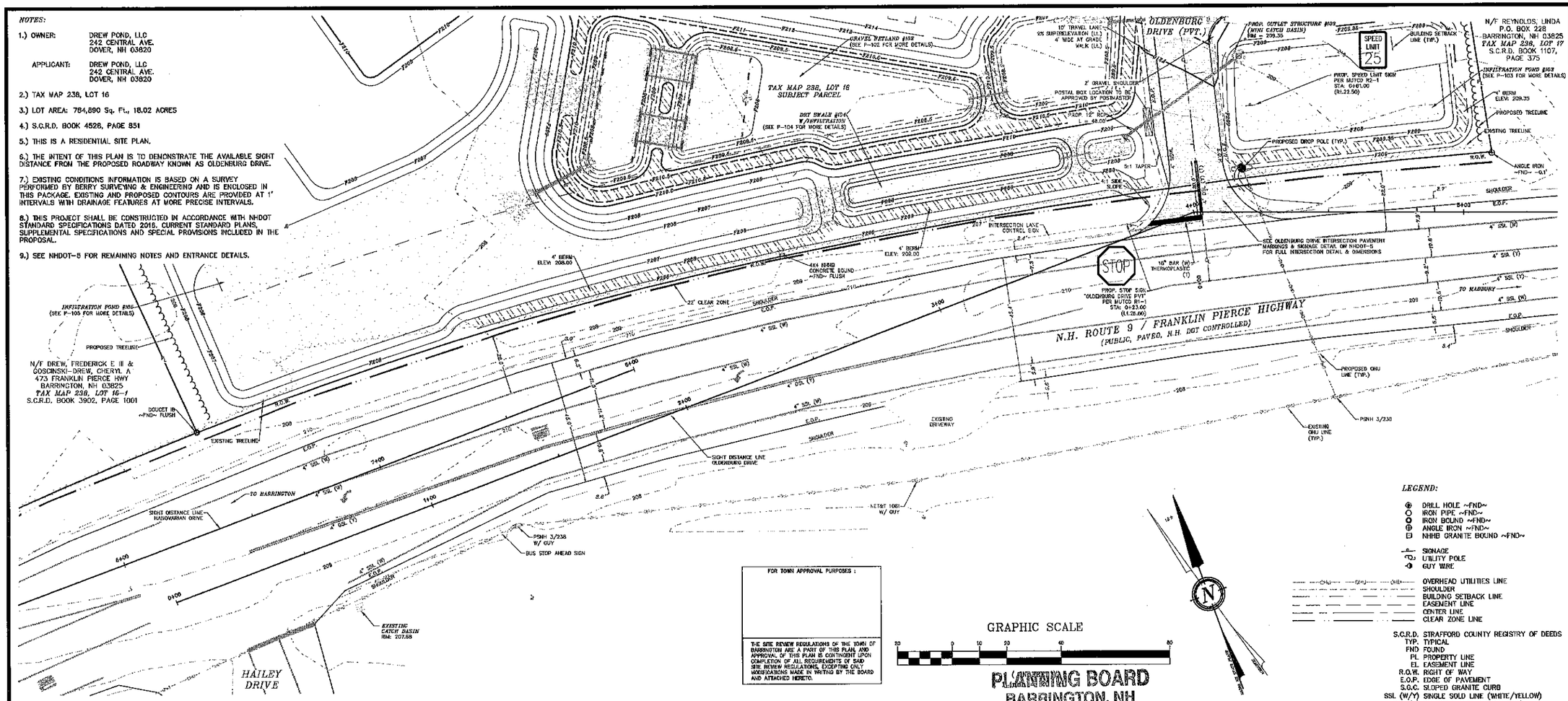
5.) THIS IS A RESIDENTIAL SITE PLAN.

6.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS OLDENBURG DRIVE.

7.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.

8.) THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2016. CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

9.) SEE NHDOT-8 FOR REMAINING NOTES AND ENTRANCE DETAILS.



FOR TOWN APPROVAL PURPOSES :

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

PLANNING BOARD
BARRINGTON, NH
APPROVED

LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHB GRANITE BOUND ~FND~
- SIGNAGE
- UTILITY POLE
- GUY WIRE
- OVERHEAD UTILITIES LINE
- SHOULDER
- BUILDING SETBACK LINE
- EASEMENT LINE
- CENTER LINE
- CLEAR ZONE LINE

S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
TYP. TYPICAL
FND FOUND
PL PROPERTY LINE
EL EASEMENT LINE
R.O.W. RIGHT OF WAY
E.O.P. EDGE OF PAVEMENT
S.G.C. SLOPED GRANITE CURB
SSL (W/Y) SINGLE SOLID LINE (WHITE/YELLOW)
DSL (Y) DOUBLE SOLID LINE (YELLOW)

PLAN VIEW N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY

CLEAR ZONE CALCULATION:

DESIGN SPEED: 40 MPH / 85TH ASSUMED 45 MPH

WESTBOUND DESIGN ADT (2018): 4,227 (NHDOT)

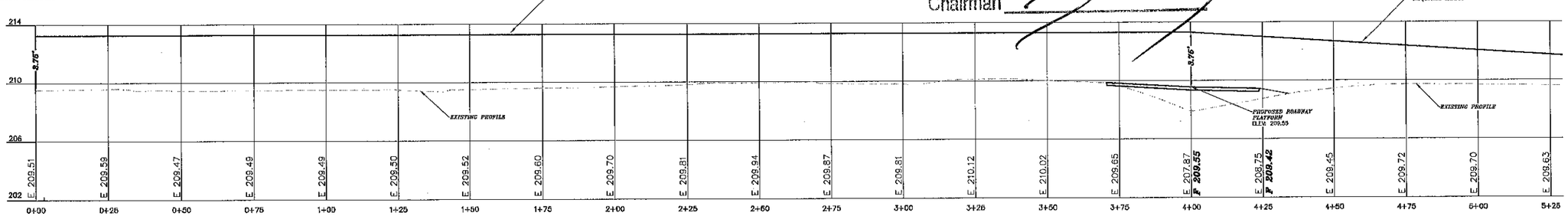
FROM AASHTO ROADSIDE DESIGN GUIDE (2004) TABLE 3.1 PAGE 3-6

CLEAR ZONE REQUIRED TO BE 20-26 FEET (1V:5H TO 1V:4H)
-22 FEET HAS BEEN SELECTED

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

PROFILE VIEW SIGHT LINE



File Number 238-16-Y-20-Amend SR
Date 4/6/2021
Chairman

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT IRM1 COMMENT
#5	10-27-20	REVISED PER AOT RTM1 COMMENT
#4A	10-20-20	MAX. GRADE PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AOT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

(PHASE 1)
SIGHT DISTANCE PLAN OLDENBURG DRIVE EASTBOUND
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED
PROFESSIONAL ENGINEER

NHDOT-1

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHB GRANITE BOUND ~FND~
- SIGNAGE
- UTILITY POLE
- GUY WIRE
- OVERHEAD UTILITIES LINE
- SHOULDER
- BUILDING SETBACK LINE
- EASEMENT LINE
- CENTER LINE
- CLEAR ZONE LINE

S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
TYP. TYPICAL
FND FOUND
PL PROPERTY LINE
EL EASEMENT LINE
R.O.W. RIGHT OF WAY
E.O.P. EDGE OF PAVEMENT
S.G.C. SLOPED GRANITE CURB
SSL (W/Y) SINGLE SOLID LINE (WHITE/YELLOW)
DSL (Y) DOUBLE SOLID LINE (YELLOW)

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

1A.) APPLICANT: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

2.) TAX MAP 238, LOT 18

3.) LOT AREA: 784,890 Sq. Ft., 18.02 ACRES

4.) S.C.R.D. BOOK 4528, PAGE 851

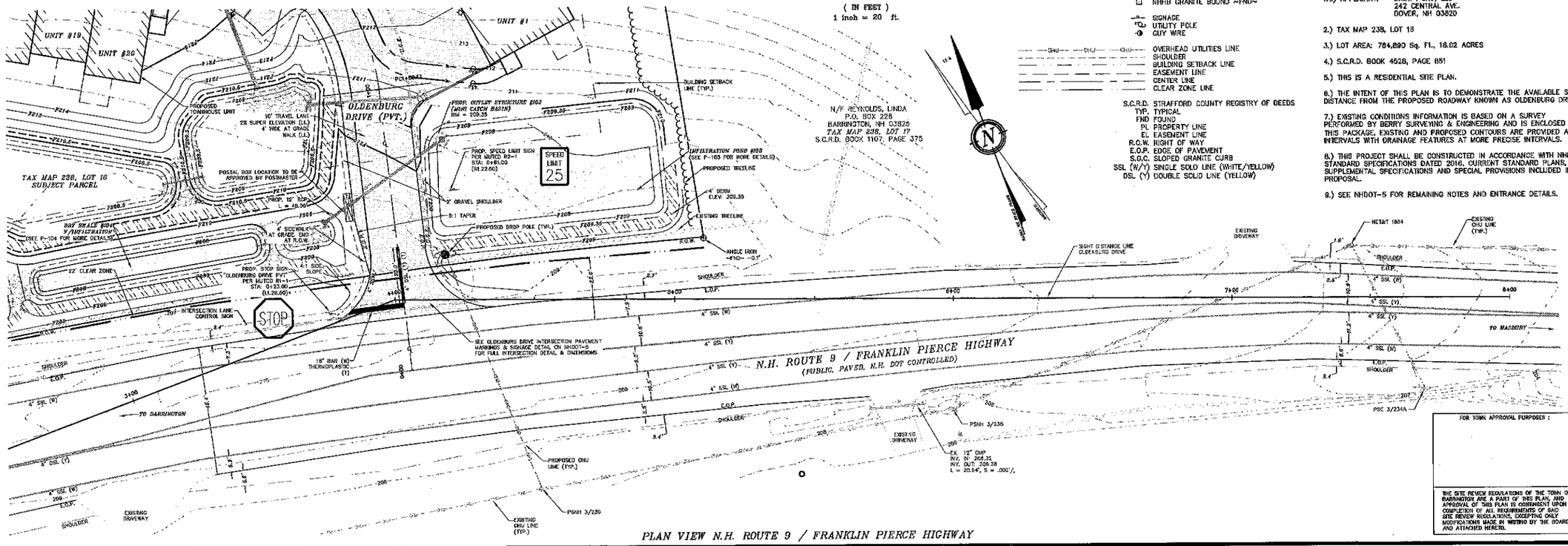
5.) THIS IS A RESIDENTIAL SITE PLAN.

6.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS OLDENBURG DRIVE.

7.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.

8.) THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2016, CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

9.) SEE NHDOT-5 FOR REMAINING NOTES AND ENTRANCE DETAILS.



PLAN VIEW N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY

FOR TOWN APPROVAL PURPOSES :

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

PROFILE VIEW SIGHT LINE

CLEAR ZONE CALCULATION:

DESIGN SPEED: 40 MPH / 85TH ASSUMED 45 MPH

WESTBOUND DESIGN ADT (2018): 4,227 (NHDOT)

FROM AASHTO ROADSIDE DESIGN GUIDE (2004) TABLE 3.1 PAGE 3-6

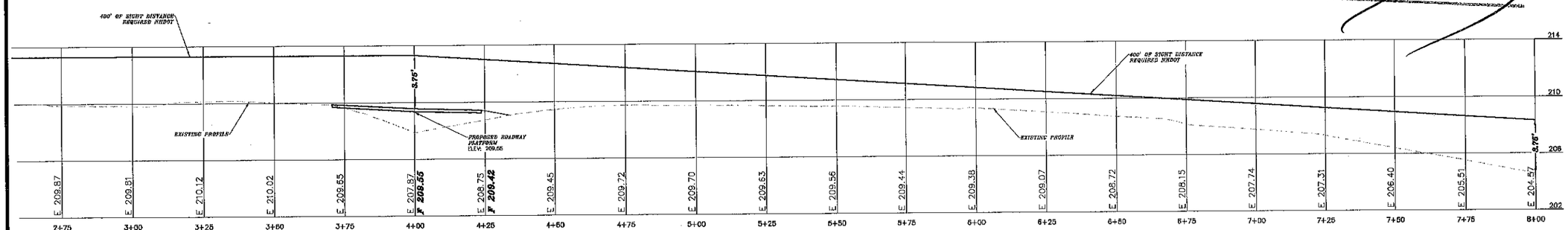
CLEAR ZONE REQUIRED TO BE 20-26 FEET (1V:5H TO 1V:4H)
-22 FEET HAS BEEN SELECTED

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-AmendSR
Date 4/6/2021
Chairman



NHDOT-2

REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RFMI COMMENT
#4A	10-27-20	REVISED PER AoT RFMI COMMENT
#4	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#2	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#1	10-14-19	REVISED PER NHDOT APPROVAL
	9-25-19	REVISED PER DBK. COMMENT

(PHASE I)

SIGHT DISTANCE PLAN OLDENBURG DRIVE WESTBOUND
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14265
LICENSED PROFESSIONAL ENGINEER

NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,880 Sq. Ft., 18.02 ACRES

4.) S.C.R.D. BOOK 4528, PAGE 851

5.) THIS IS A RESIDENTIAL SITE PLAN.

6.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS HANOVARIAN DRIVE.

7.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.

8.) THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2016. CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

9.) SEE NHDOT-5 FOR REMAINING NOTES AND ENTRANCE DETAILS.

LEGEND:

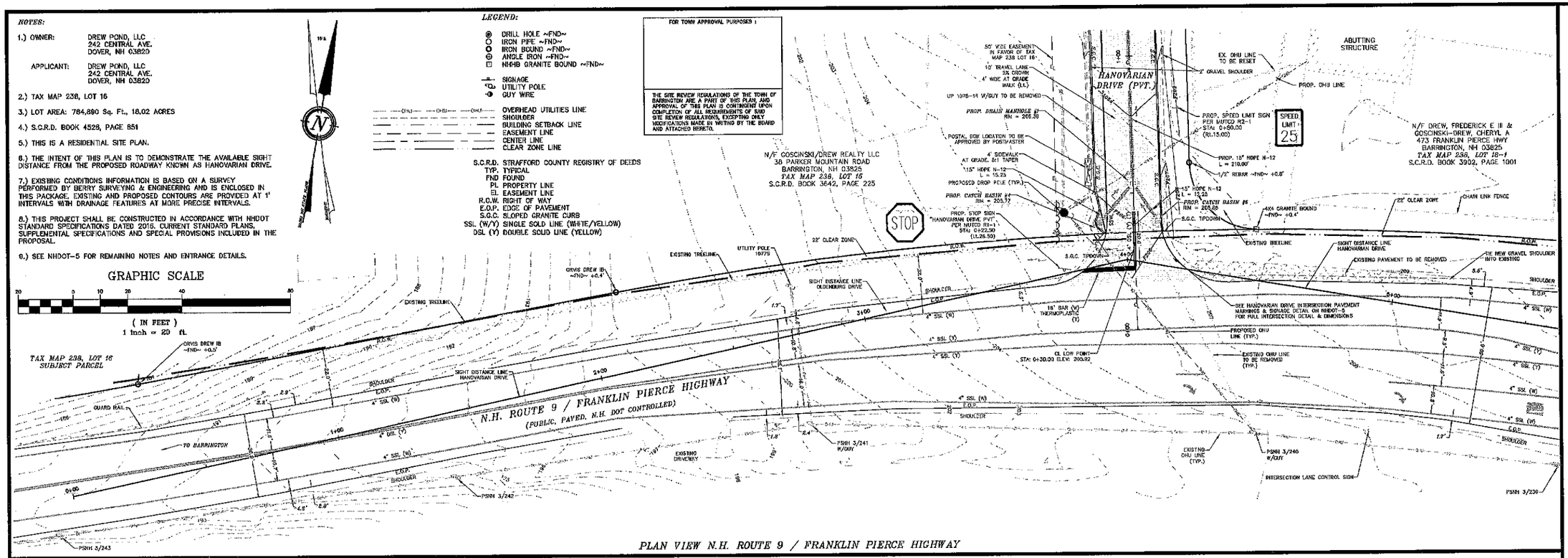
- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- ANGLE IRON ~FND~
- NHHB GRANITE BOUND ~FND~
- SIGNAGE
- UTILITY POLE
- GUY WIRE
- OHU — OVERHEAD UTILITIES LINE
- CHB — SHOULDER
- BSL — BUILDING SETBACK LINE
- EASEMENT LINE
- CENTER LINE
- CLEAR ZONE LINE

S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
TYP. TYPICAL
FND FOUND
PL PROPERTY LINE
EL EASEMENT LINE
R.O.W. RIGHT OF WAY
E.O.P. EDGE OF PAVEMENT
S.G.C. SLOPED GRANITE CURB
SSL (W/Y) SINGLE SOLD LINE (WHITE/YELLOW)
DSL (Y) DOUBLE SOLID LINE (YELLOW)

FOR TOWN APPROVAL PURPOSES !

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

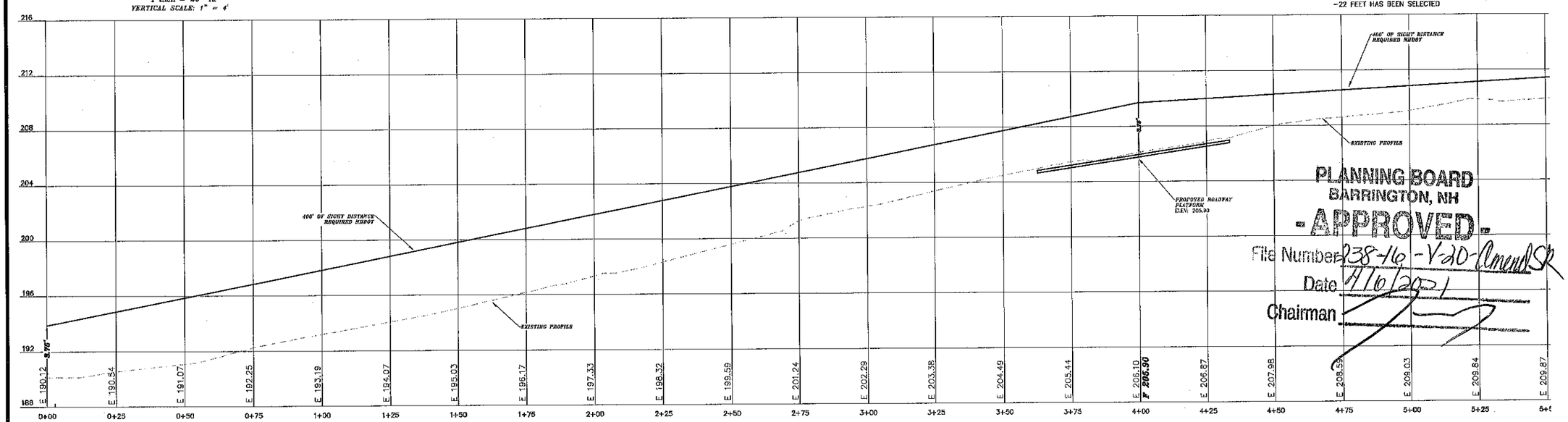
GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.



PLAN VIEW N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY

PROFILE VIEW SIGHT LINE

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'



CLEAR ZONE CALCULATION:

DESIGN SPEED: 40 MPH / 85TH ASSUMED 45 MPH

WESTBOUND DESIGN ADT (2018): 4,227 (NHDOT)

FROM AASHTO ROADSIDE DESIGN GUIDE (2004) TABLE 3.1 PAGE 3-8

CLEAR ZONE REQUIRED TO BE 20-26 FEET (1V:5H TO 1V:4H)
-22 FEET HAS BEEN SELECTED

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V20-AmendSP
Date 4/10/2021
Chairman

NHDOT-3

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RPMI COMMENT
#5	10-27-20	REVISED PER AoT RPMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER DBMK COMMENT
#1	9-25-19	REVISED PER DBMK COMMENT

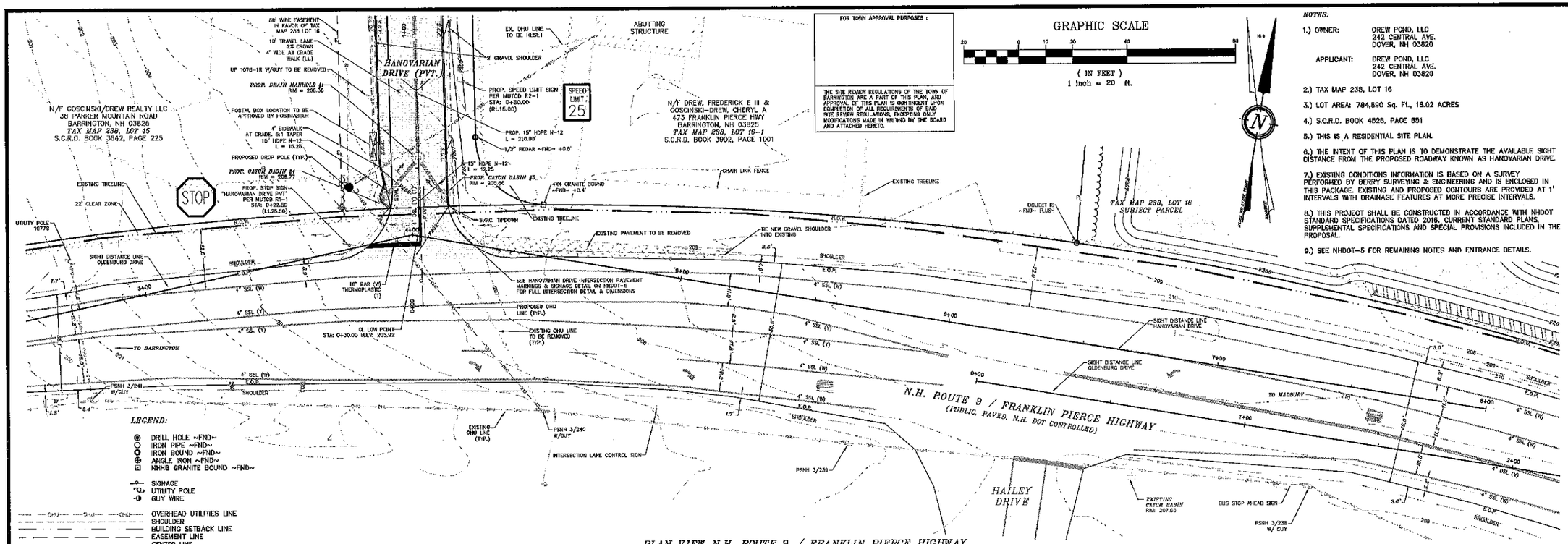
(PHASE II)

SIGHT DISTANCE PLAN HANOVARIAN DRIVE EASTBOUND
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14245
LICENSED
PROFESSIONAL ENGINEER



PLAN VIEW N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY

FOR TOWN APPROVAL PURPOSES :

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NOTES:

1.) OWNER: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

APPLICANT: DREW POND, LLC
242 CENTRAL AVE.
DOVER, NH 03820

2.) TAX MAP 238, LOT 16

3.) LOT AREA: 784,890 Sq. Ft., 18.02 ACRES

4.) S.C.R.D. BOOK 4528, PAGE 851

5.) THIS IS A RESIDENTIAL SITE PLAN.

6.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS HANOVARIAN DRIVE.

7.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.

8.) THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2016, CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

9.) SEE NHDOT-5 FOR REMAINING NOTES AND ENTRANCE DETAILS.

CLEAR ZONE CALCULATION:

DESIGN SPEED: 40 MPH / 85TH ASSUMED 45 MPH

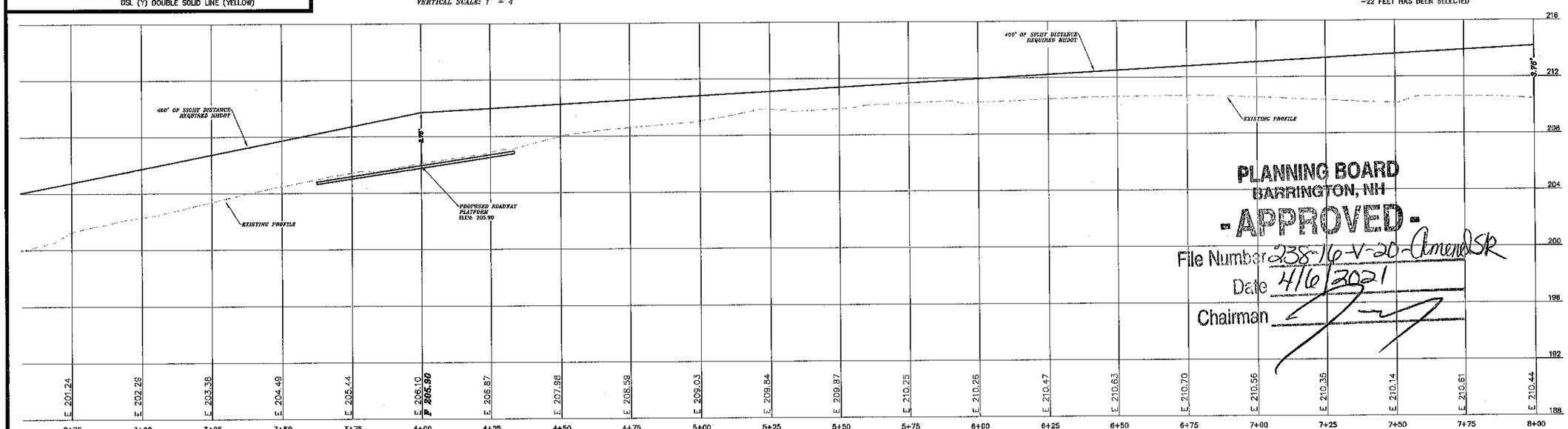
WESTBOUND DESIGN ADT (2018): 4,227 (NHDOT)

FROM AASHTO ROADSIDE DESIGN GUIDE (2004) TABLE 3.1 PAGE 3-6

CLEAR ZONE REQUIRED TO BE 20-26 FEET (1V:5H TO 1V:4H)
-22 FEET HAS BEEN SELECTED

PROFILE VIEW SIGHT LINE

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'



PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number 238-16-V-20-Amend SR
Date 4/16/2021
Chairman

NHDOT-4

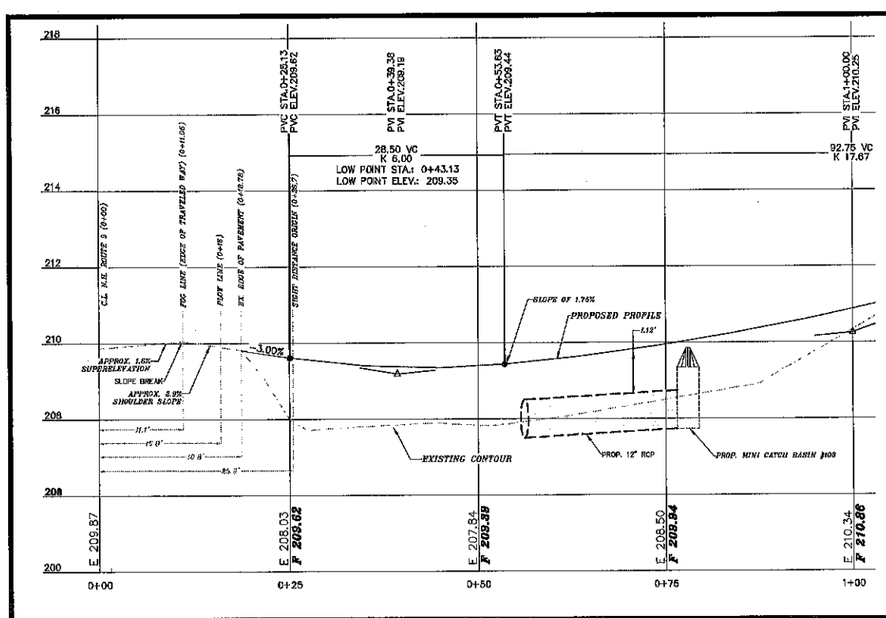
REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RMI COMMENT
#5	10-27-20	REVISED PER AoT RMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD
#2	10-25-19	REVISED PER NHDOT COMMENT
#1	9-25-19	REVISED PER DRBA COMMENT

SIGHT DISTANCE PLAN HANOVARIAN DRIVE WESTBOUND
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 12243
LICENSED
PROFESSIONAL ENGINEER

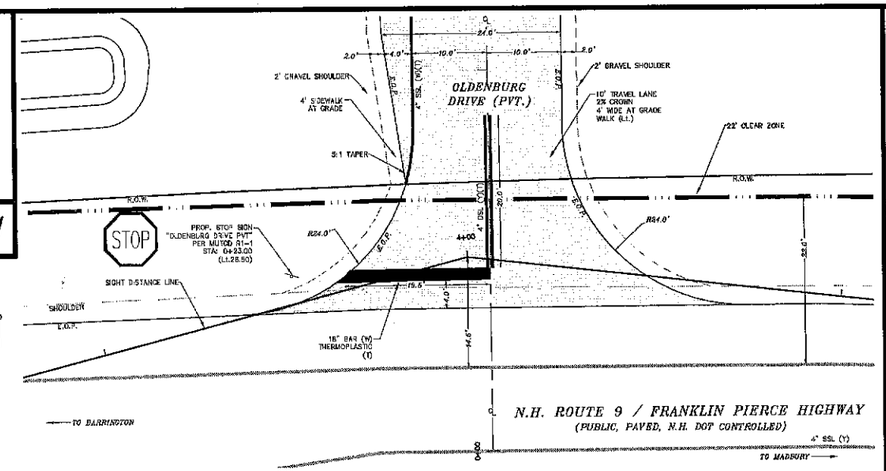


GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.
VERTICAL SCALE: 1" = 2'

PROFILE VIEW OLDENBURG DRIVE

DETAIL–1

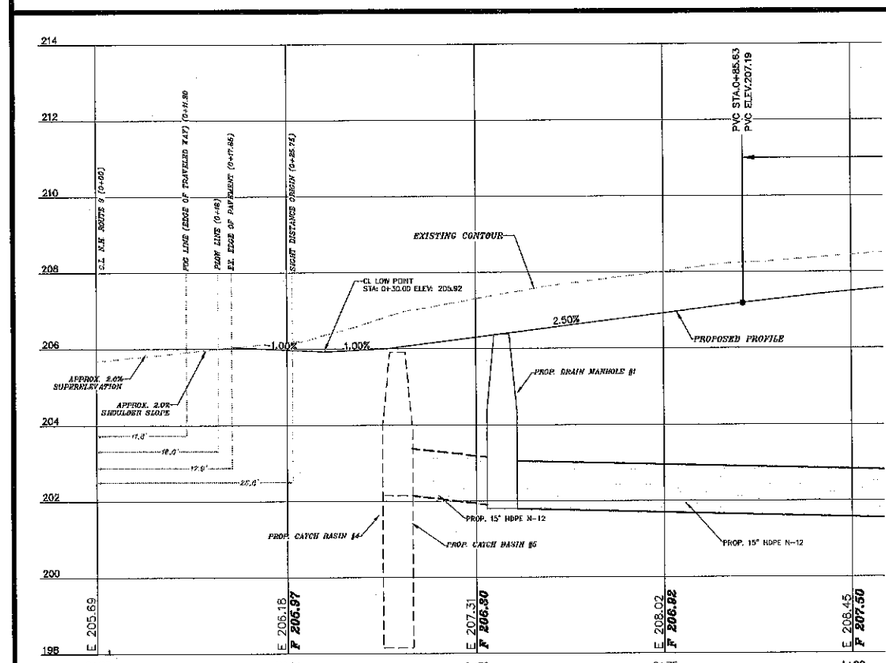


GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.

OLDENBURG DRIVE INTERSECTION PAVEMENT MARKINGS & SIGNAGE DETAILS

DETAIL–2



GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.

HANOVARIAN DRIVE INTERSECTION PAVEMENT MARKINGS & SIGNAGE DETAILS

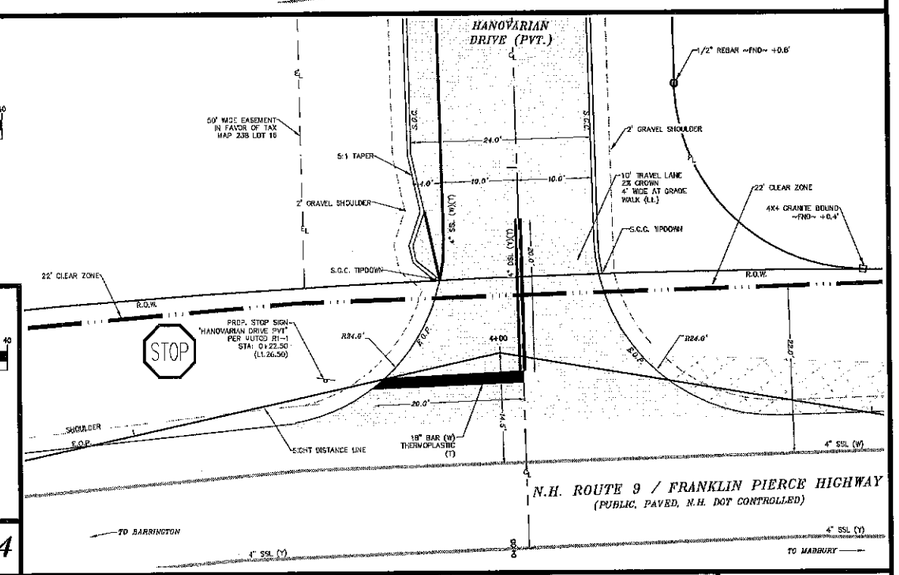
DETAIL–3

GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.
VERTICAL SCALE: 1" = 2'

PROFILE VIEW HANOVARIAN DRIVE

DETAIL–4



DETAIL–5

NOTES CONT.:

10.) 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 AGREES 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.

11.) 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.

12.) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.

NOTES CONT.:

13.) 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.

14.) 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).

15.) ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS NOTED OTHERWISE.

16.) ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH (T) SHALL BE THERMOPLASTIC.

17.) ALL DISTURBED 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, EDGING, BERM OR PAVEMENT SURFACE.

NOTES CONT.:

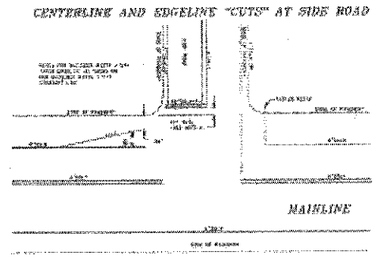
18.) THE CONTRACTOR SHALL CONTACT THE NHDOT BUREAU OF TRAFFIC AT (603) 271–2291 ONE WEEK PRIOR TO PAVEMENT MARKINGS.

19.) ALL PAVEMENT MARKINGS TO BE PAINTED TO NHDOT STANDARD NO. PM–9.

20.) THE SPEED LIMIT ON N.H. ROUTE 9 IS 40 MPH WESTBOUND AND 35 MPH EASTBOUND.

DETAIL–6

CENTERLINE AND EDGELINE "CUTS" AT SIDE ROAD



PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20 -AmendSR
Date 4/6/2021
Chairman

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 PAST 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 RADIUS 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).

FOR TOWN APPROVAL PURPOSES :

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

NHDOT–5

REVISION	DATE	DESCRIPTION
#6	1–8–21	REVISED PER NHDOT RMI COMMENT
#5	10–27–20	REVISED PER AoT RMI COMMENT
#4A	9–23–20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10–30–19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10–14–19	REVISED PER NHDOT COMMENT
#1	9–25–19	REVISED PER DBBK COMMENT

NHDOT DETAIL SHEET
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14245
LICENSED PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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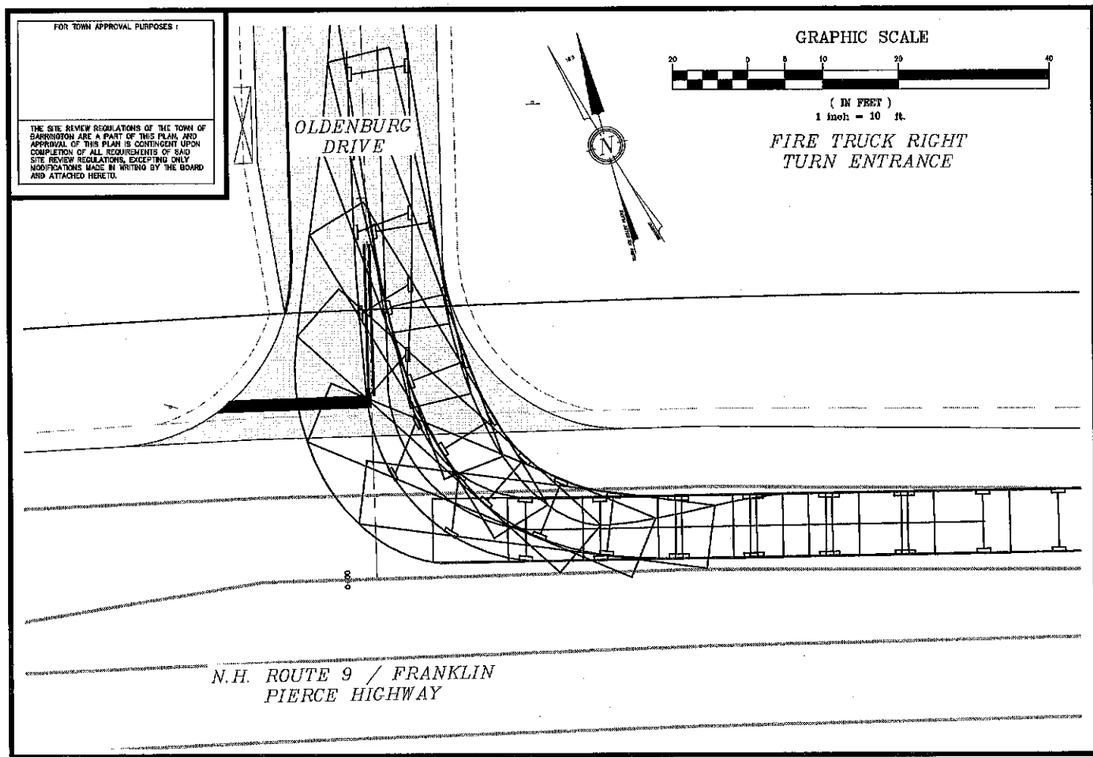

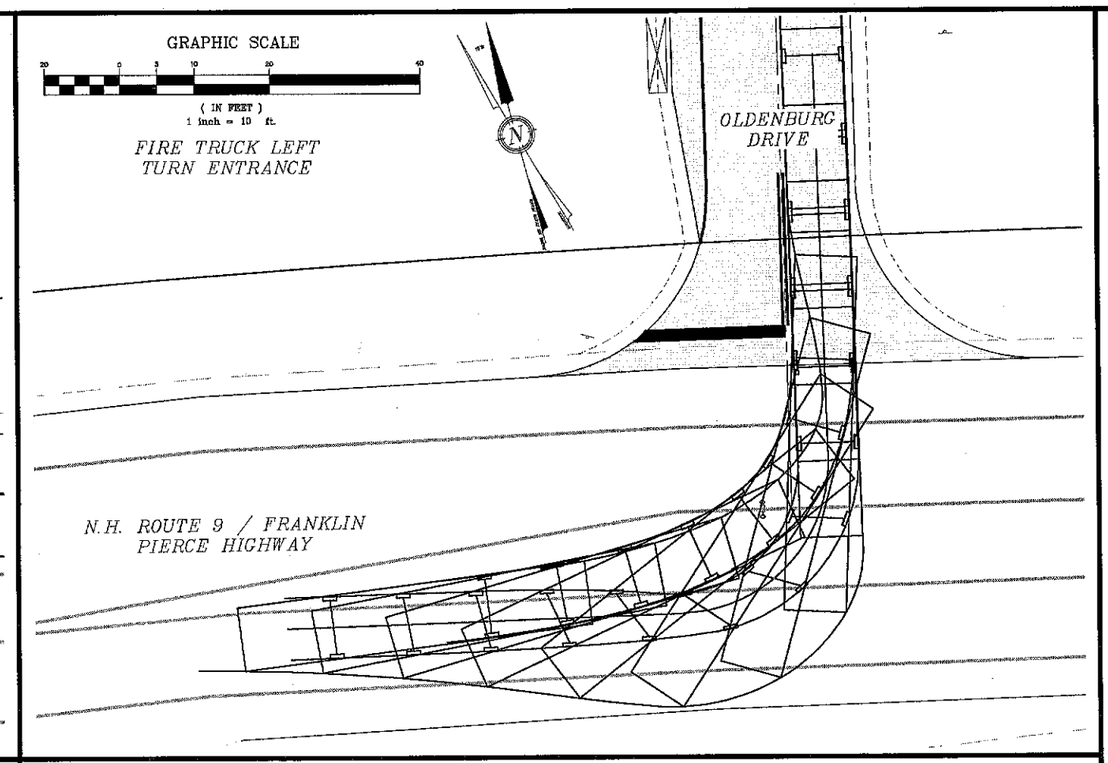

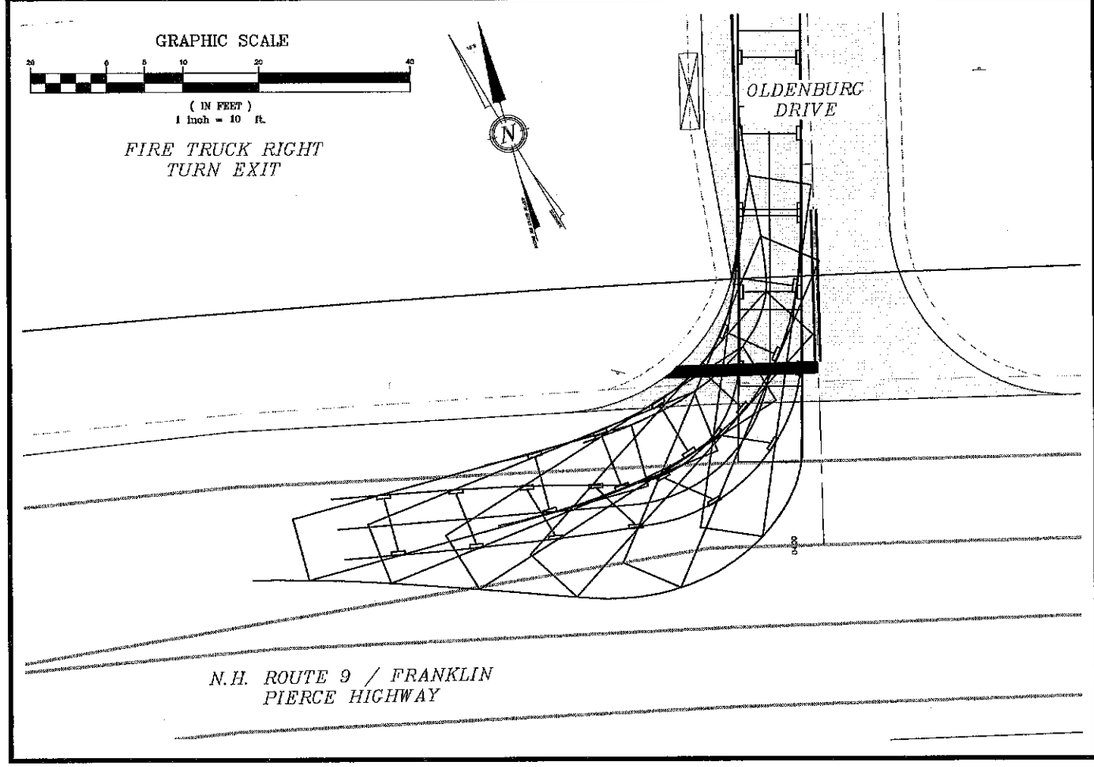

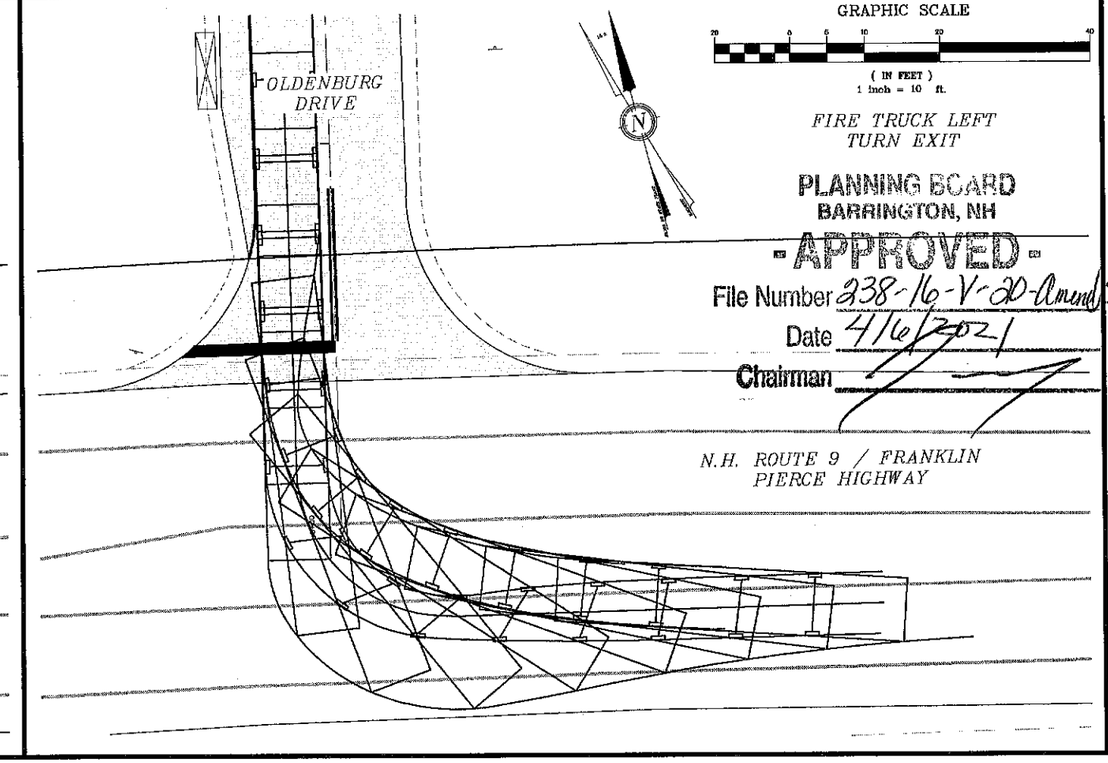

PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number 238-16-V-20-Amend SR
Date 4/6/2021
Chairman

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OLDENBURG DRIVE FIRE TRUCK TURNING TEMPLATE
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : 1 IN. EQUALS 10 FT.
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED
PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES :

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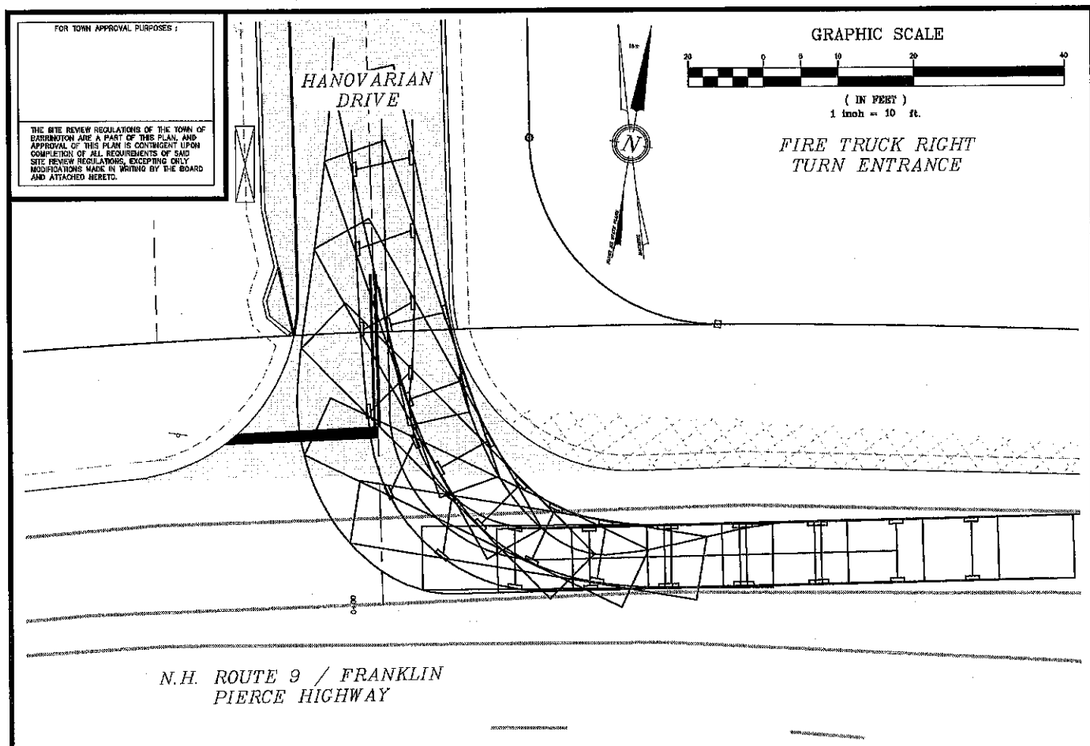

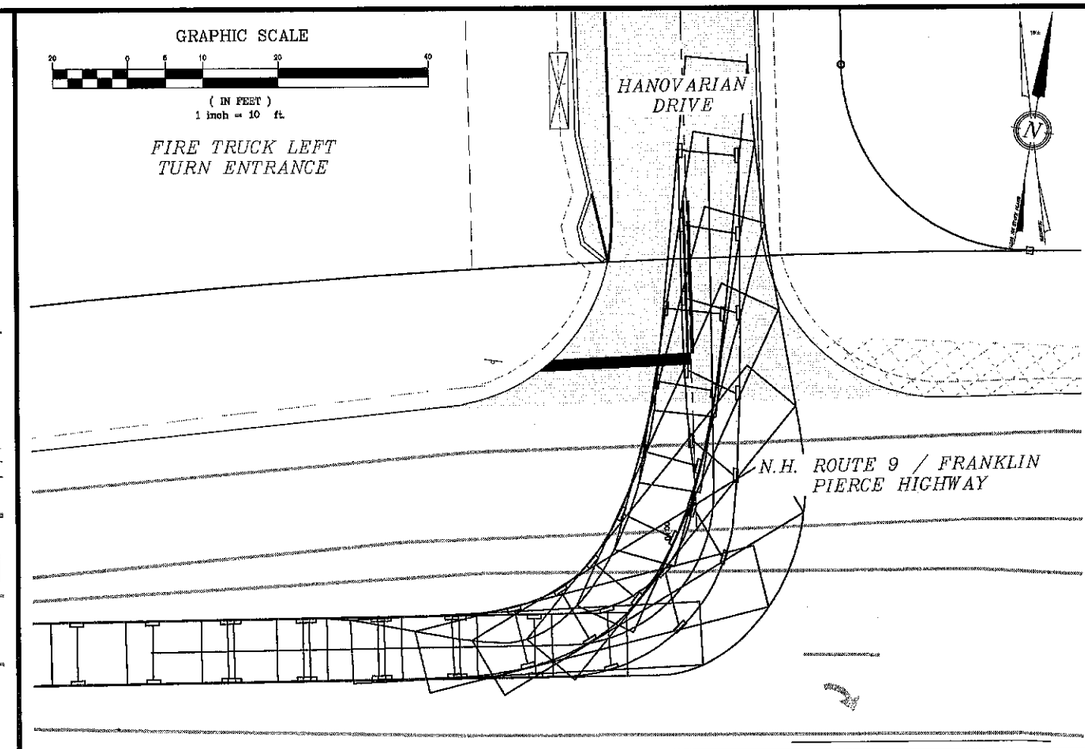

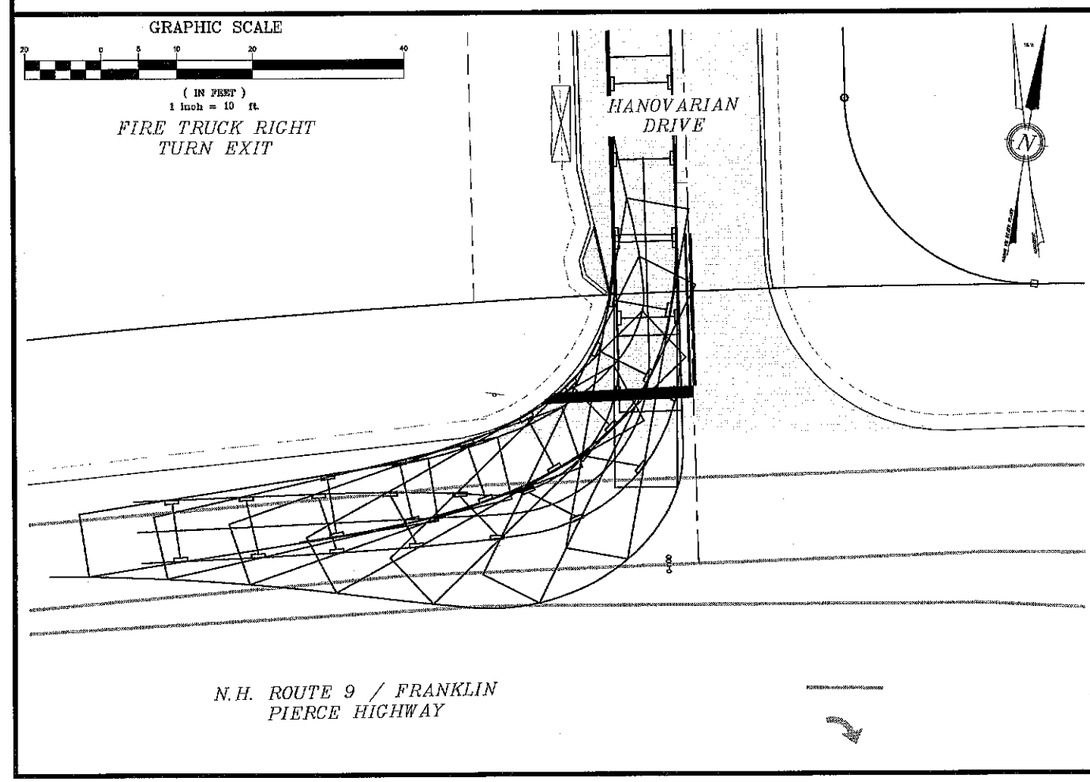

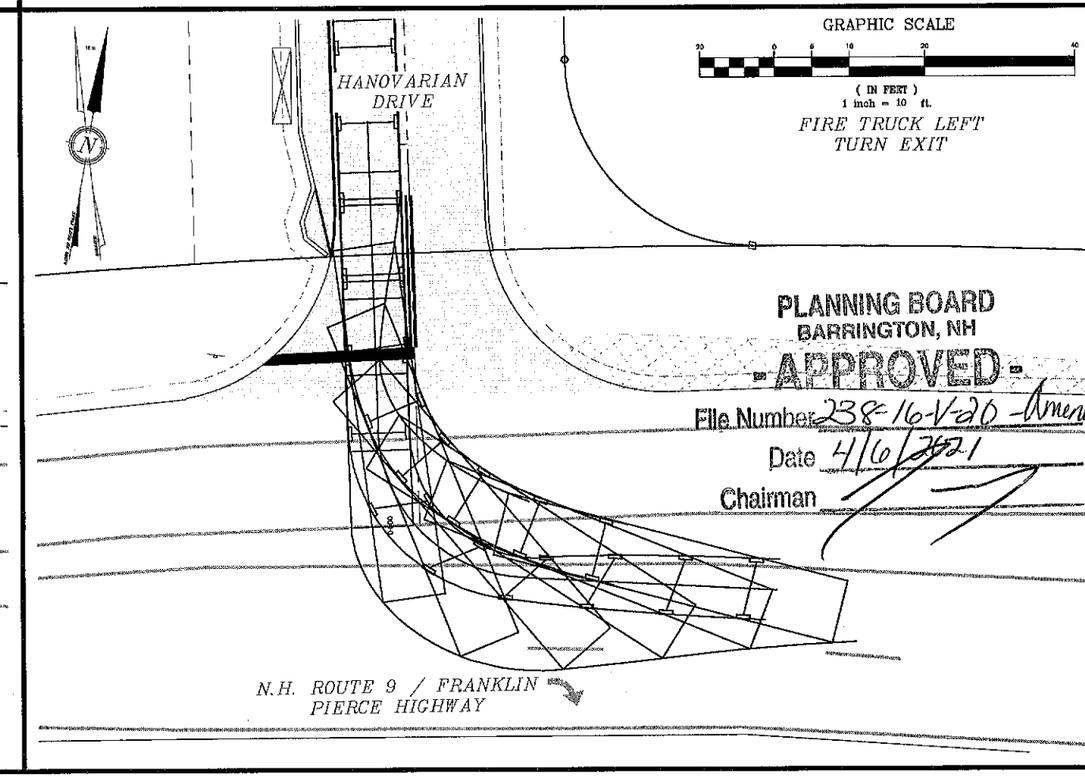

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
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HANOVARIAN DRIVE FIRE TRUCK TURNING TEMPLATE
LAND OF
DREW POND, LLC
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BARRINGTON, NH
TAX MAP 238 LOT 16

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

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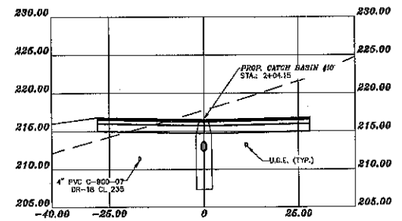

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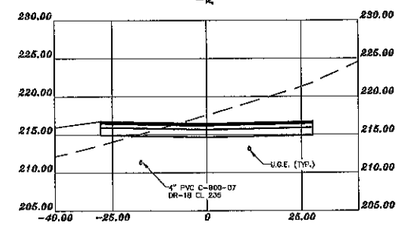
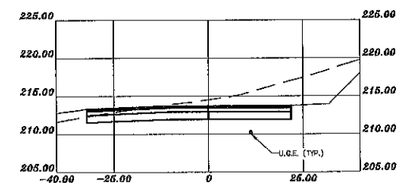
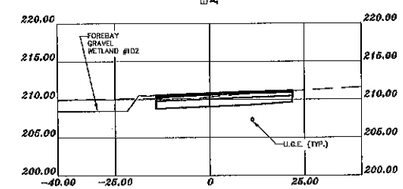
E217.74
P218.03



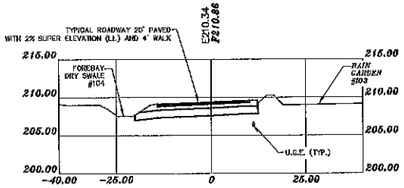
2+00
E217.61
P216.48



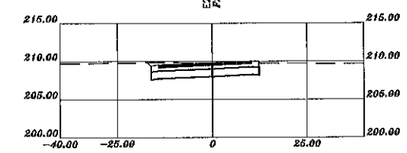
1+50
E214.54
P213.75



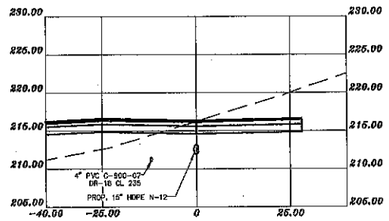
1+00
E210.34
P210.86



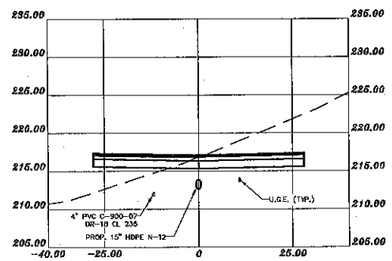
0+50
E207.54
P208.39



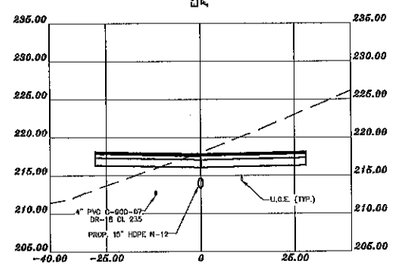
0+18.78
E205.81
P208.81



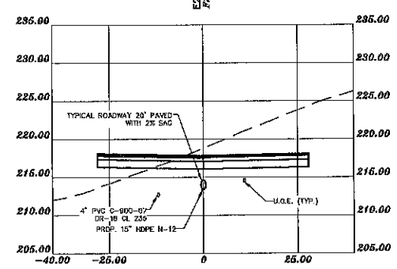
4+00
E216.20
P216.58



3+50
E215.82
P217.13



3+00
E215.09
P217.67



2+50
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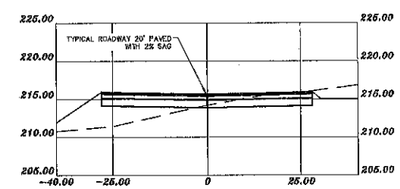
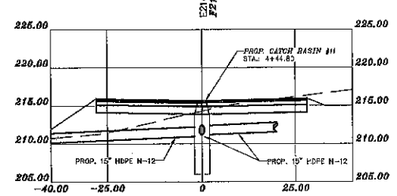
P217.85



4+47.47
E214.17
P216.67



4+44.80
E214.33
P216.71

GRAPHIC SCALE

20 0 10 20 40 80

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

PLANNING BOARD
BARRINGTON, NH
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CROSS SECTIONS OLDENBURG DRIVE
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 258 LOT 16

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BARRINGTON, NH 03825 (603)332-2863

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KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

PLANNING BOARD
BARRINGTON, NH

APPROVED

File Number 238-16-V-20-Amend SK

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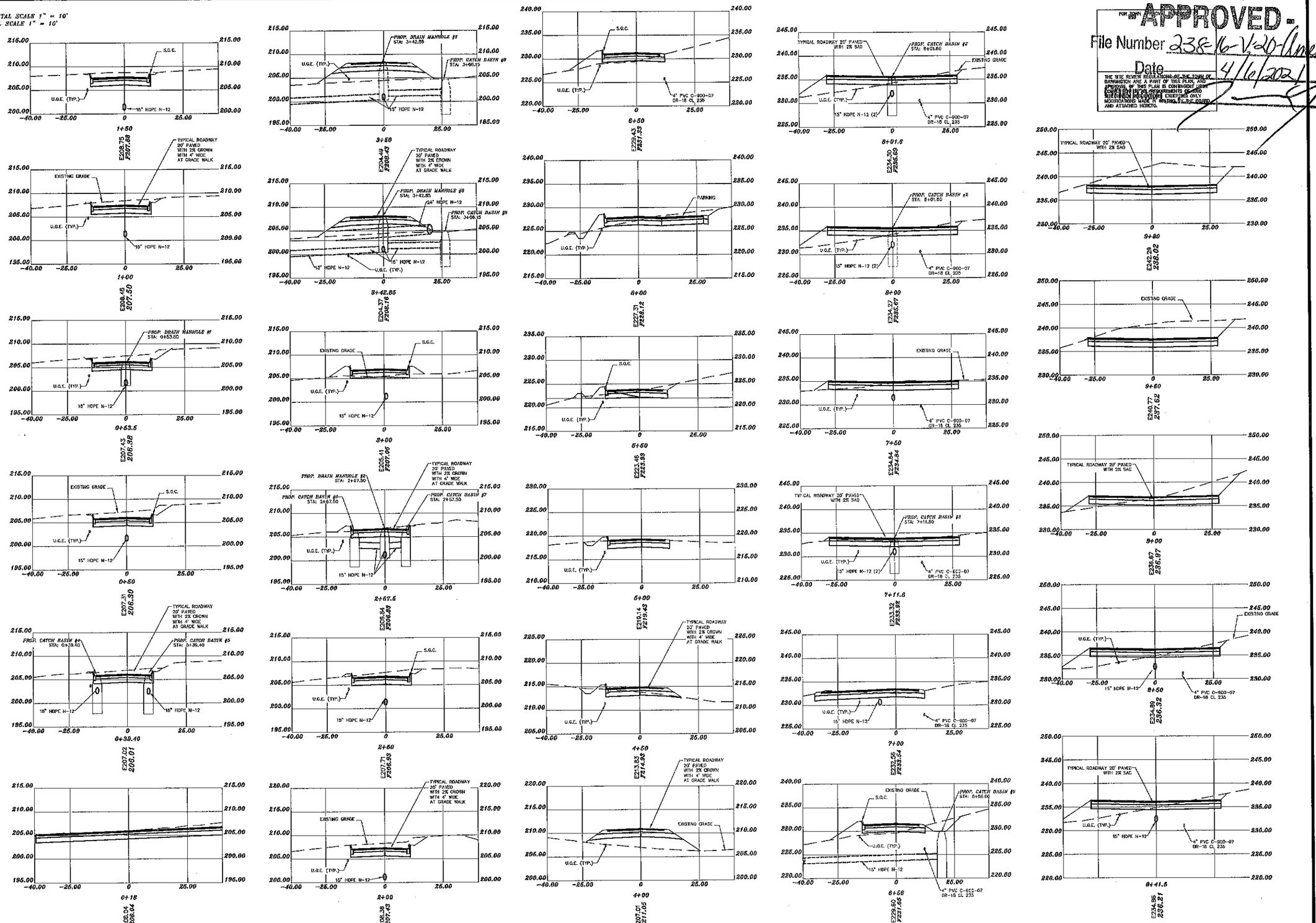
HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'



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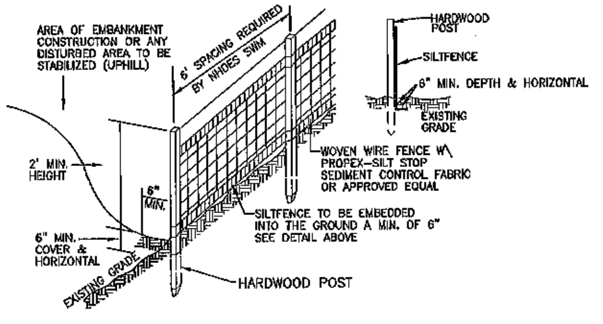
E1



SILT FENCE CONSTRUCTION SPECIFICATIONS

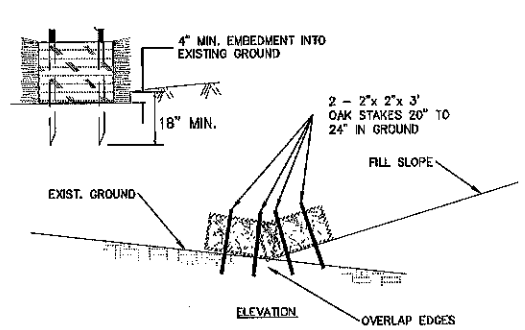
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 6' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF. SEE MAINTENANCE NOTE BELOW, REMOVAL OF SEDIMENT REQUIRED AT A DEPTH OF 6-INCHES.
4. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
5. SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER.
6. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.
7. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, SILT FENCE, PAGE 90.

SILT FENCE MAINTENANCE

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

SILT FENCE DETAIL
NOT TO SCALE

E2



STAKED HAYBALE DETAIL
NOT TO SCALE

1.) HAY BALES BARRIERS MAY ONLY BE USED FOR A MAXIMUM OF 60 DAYS AND ARE NOT RECOMMENDED FOR PERIMETER CONTROL.
2.) TO BE INSTALLED IAW NH SWM #3, 4-2 SEDIMENT CONTROL, STRAW OR HAY BALE BARRIER.
3.) REQUIRED TO SHOW DETAIL, BUT DO NOT RECCOMEND USE OF HAY BALES FOR EROSION CONTROL.

E3

STONE BERM LEVEL SPREADER
NOT TO SCALE

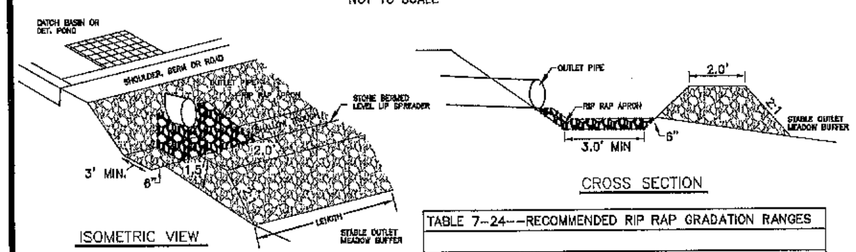


TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES		
d50 SIZE= 0.5 FEET	6 INCHES	
% OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE	SIZE OF STONE (INCHES) FROM	TO
100%	9	12
85%	8	11
50%	6	9
15%	2	3

CONSTRUCT THE LEVEL SPREADER LIP ON A 0% GRADE TO INSURE UNIFORM SPREADING OF RUNOFF.

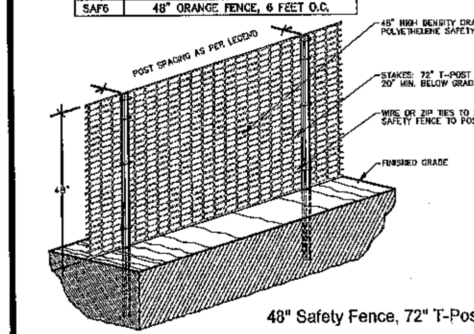
LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL AND NOT ON FILL.

E4 *CONSTRUCTION SAFETY FENCE*

NOT TO SCALE

LEGEND

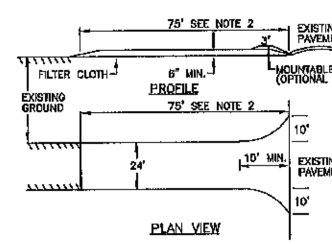
SAF12	48" ORANGE FENCE, 12 FEET O.C.
SAF11	48" ORANGE FENCE, 11 FEET O.C.
SAF10	48" ORANGE FENCE, 10 FEET O.C.
SAF9	48" ORANGE FENCE, 9 FEET O.C.
SAF8	48" ORANGE FENCE, 8 FEET O.C.
SAF7	48" ORANGE FENCE, 7 FEET O.C.
SAF6	48" ORANGE FENCE, 6 FEET O.C.



1. ALL SENSITIVE AREAS SHALL BE PROTECTED AS PER PLAN.
2. ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED AND PROTECTED WITH HIGH VISIBILITY FENCE AS PER PLAN.
3. WHEN PRACTICABLE, INSTALL HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
4. SAFETY FENCE SHOULD BE FASTENED SECURELY TO THE T-POSTS.
5. THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION; ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.

E5 *STABILIZED CONSTRUCTION ENTRANCE*

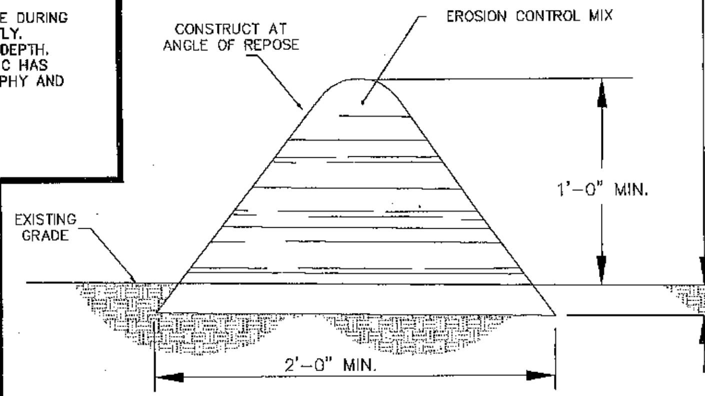
NOT TO SCALE



1. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET IF A 3-INCH TO 6-INCH BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT SITE.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICH EVER IS GREATER.
5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING
6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.
8. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CONSTRUCTION EXIT, PAGE 124.

E6 *EROSION CONTROL MIX BERM*

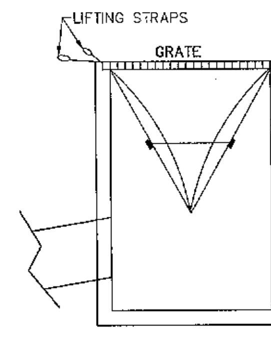
NOT TO SCALE



EROSION CONTROL MIX BERMS SHALL BE USED ONLY AS FOLLOWS:

1. BERMS SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BERM.
2. THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSLY AS POSSIBLE.
3. THE BERMS SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
4. SUBJECT TO (E), BELOW, THE MIX SHALL HAVE AN ORGANIC PORTION BETWEEN 80 AND 100%, DRY WEIGHT BASIS, AND BE FIBROUS AND ELONGATED SUCH AS FROM SHREDDED BARK, STUMP GRINDINGS, COMPOSED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS.
5. WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS SHALL NOT BE USED AS ORGANIC MATERIAL.
6. THE MIX SHALL NOT CONTAIN SILTS, CLAY, OR FINE SANDS.
7. THE MIX SHALL HAVE A PARTICLE SIZE BY WEIGHT OF 70 TO 85% PASSING A 6-INCH SCREEN AND A MAXIMUM OF 85% PASSING THE 0.75-INCH SCREEN.
8. THE MIX PH SHALL BE BETWEEN 5.0 AND 8.0.
9. THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.
10. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, EROSION CONTROL MIX BERMS, PAGE 106.

E7



RECOMMENDED MAINTENANCE SCHEDULE

-EACH SILTSACK SHOULD BE INSPECTED AFTER EVERY MAJOR RAIN EVENT, AND MUST BE MAINTAINED.

-IF THERE HAVE BEEN NO MAJOR EVENTS, SILTSACK SHOULD BE INSPECTED EVERY 2-3 WEEKS.

-THE RESTRAINT CORD SHOULD BE VISIBLE AT ALL TIMES. IF CORD IS COVERED WITH SEDIMENT, THE SILTSACK SHOULD BE EMPTIED.

-TO BE USED IN ALL AREAS WHERE THERE WILL BE TRAFFIC.

- ARE SUBJECT TO DAMAGE BY SNOW PLOWS, AND MUST BE INSPECTED AFTER ANY SNOW EVENT AND REPLACED AS REQUIRED.

TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY STORM DRAIN INLET PROTECTION, PAGE 118.

SILTSACK DETAIL
NOT TO SCALE

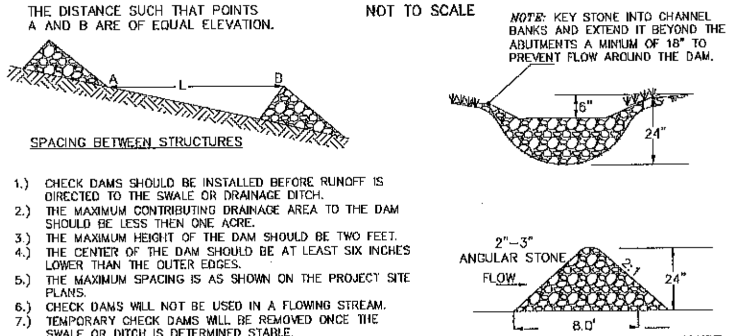
PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-16-V-20-(Amend)
Date 4/6/2021
Chairman

E8 *TEMPORARY EROSION CONTROL MEASURES*

1. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
2. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
3. ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. (SEE SEED SPECIFICATIONS THIS SHEET)
4. ALL DISTURBED AREAS WILL BE RESTABILIZED WITHIN 45 DAYS. AT ANY ONE TIME, NO MORE THAN 5 ACRES, (217,800 Sq. Ft.) WILL BE DISTURBED.
5. SILT FENCES AND PERIMETER BARRIERS SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY RAIN DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
6. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
7. PER THE EPA CGP REQUIREMENTS THERE WILL BE REPORTS OF THE EROSION CONTROL INSPECTIONS IAW SWPPP PREPARED BY BS&E. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.25" OR GREATER RAIN EVENT.
8. DITCHES, SWALES, AND BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
9. DO NOT TRAFFIC EXPOSED SOIL SURFACES WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.
10. DRIVEWAYS AND CUT AND FILL SPLOPES MUST BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINAL GRADE.
11. STABILIZATION MEANS:
    - 11.1. A MINIMUM OF 85% OF VEGETATIVE COVER HAS BEEN ESTABLISHED.
    - 11.2. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED, OR
    - 11.3. EROSION CONTROL BLANKETS HAVE BEEN INSTALLED.
12. THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.
13. THE NHDES STORMWATER MANUAL, IN THREE VOLUMES, DATED DECEMBER 2008, IS A PART OF THIS PLAN SET AND THE MORE RESTRICTIVE WILL GOVERN. (NH SWM)

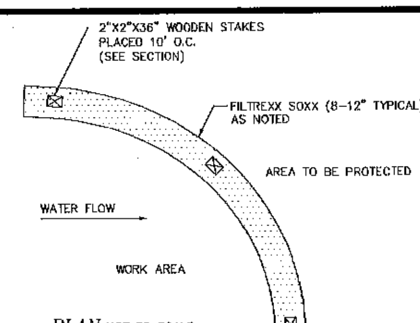
E9

STONE CHECK DAM
NOT TO SCALE



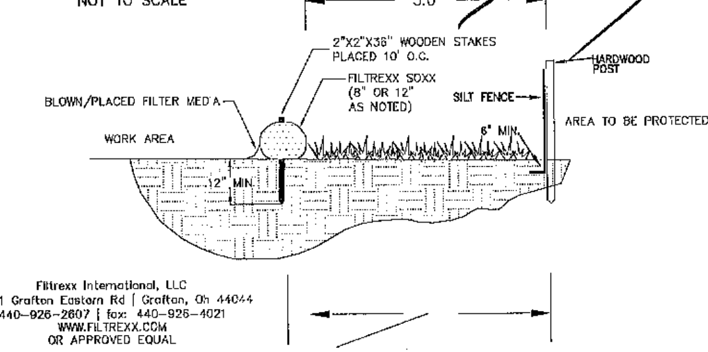
1.) CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
2.) THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE DAM SHOULD BE LESS THEN ONE ACRE.
3.) THE MAXIMUM HEIGHT OF THE DAM SHOULD BE TWO FEET.
4.) THE CENTER OF THE DAM SHOULD BE AT LEAST SIX INCHES LOWER THAN THE OUTER EDGES.
5.) THE MAXIMUM SPACING IS AS SHOWN ON THE PROJECT SITE PLANS.
6.) CHECK DAMS WILL NOT BE USED IN A FLOWING STREAM.
7.) TEMPORARY CHECK DAMS WILL BE REMOVED ONCE THE SWALE OR DITCH IS DETERMINED STABLE.
8.) TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CHECK DAMS, PAGE 114.

E10



PLAN NOT TO SCALE

FILTREXX SEDIMENT CONTROL
NOT TO SCALE



NOTE: FOR AREAS REQUIRING DOUBLE PERIMETER CONTROL WITHIN 50' OF JURISDICTIONAL WETLANDS AND NOT FOR ALL SILT SOXX APPLICATIONS. THIS DUPLICATION MAY BE SPECIFIED AS 12" SILT SOXX OR ORANGE CONSTRUCTION FENCE AS NOTED.

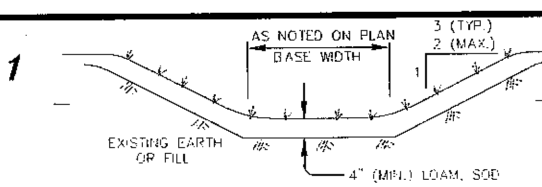
SECTION NOT TO SCALE

Filtrexx International, LLC
35481 Grafton Eastern Rd | Grafton, Oh 44044
440-926-2607 | fax: 440-926-4021
WWW.FILTREXX.COM
OR APPROVED EQUAL

NOTES

1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
2. FILTER MEDIA FILL TO MEET APPLICATION REQUIRMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
4. SILTSOXX MAY BE USED IN PLACE OF SILT FENCE OR OTHER SEDIMENT BARRIERS.
5. SILTSOXX COMPOST/SOIL/ROCK/SEED FILL MATERIAL SHALL BE ADJUSTED AS NECESSARY TO MEET THE REQUIRMENTS OF THE SPECIFIC APPLICATION.
6. FILTREXX SOXX IS A REGISTERED TRADEMARK OF FILTREXXIN TERNATIONAL, LLC.
7. SILT FENCE IS NOT A SUBSTITUTION FOR SILT SOXX AND ANY EQUAL SUBSTITUTION TO BE APPROVED.
8. TO BE CONSTRUCTED IAW FILTREXX, SECTION 1:EROSION & SEDIMENT CONTROL (PAGE 323) - CONSTRUCTION ACTIVITIES, SWPPP CUT SHEET: FILTREXX SEDIMENT CONTROL

E11



GRASS SWALE
NOT TO SCALE

INSPECT ANNUALLY FOR EROSION, SEDIMENT ACCUMULATIONS, VEGETATION LOSS, & INVASIVE SPECIES. REPAIR AS NECESSARY.

MOW GRASS ANNUALLY TO A DEPTH OF 4". INSTALL STABILIZATION MATTING DURING CONSTRUCATION

TO BE CONSTRUCTED IAW NH SWM #2 CHAPTER 4, #5 TREATMENT SWALES, PAGE 123.

FOR TOWN APPROVAL PURPOSES :

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

E-101

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

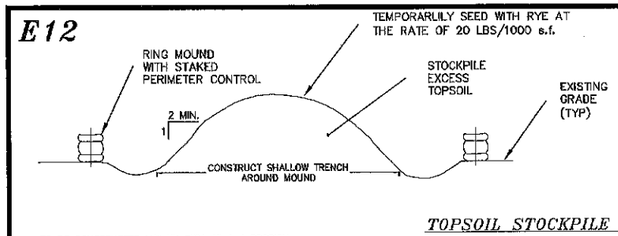
EROSION & SEDIMENT CONTROL DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE - KENNETH A. BERRY No. 14843 LICENSED PROFESSIONAL ENGINEER

E12



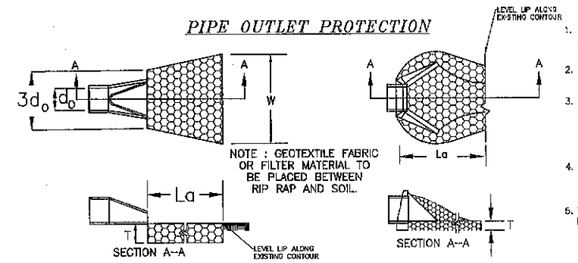
TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, SOIL STOCKPILE PRACTICES, PAGE 46.

TOPSOIL STOCKPILE MOUND

NOT TO SCALE

E13

PIPE OUTLET PROTECTION



PIPE OUTLET TO FLAT AREA WITH NO DEFINED CHANNEL

PIPE OUTLET TO WELL-DEFINED CHANNEL

1. THE SUB GRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC, AND RIP RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS. SPECIFIED GRADATION.
2. THE ROCK OR GRAVEL USED FOR FILTER OF RIP RAP SHALL CONFORM TO NHDOT SECTION 583.
3. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP RAP DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
4. STONE FOR THE RIP RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.
5. TO BE CONSTRUCTED IAW NH SWM #2 4-6 CONVEYANCE PRACTICES, 5. OUTLET PROTECTION, PAGE 172.

E14

TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES				
d50 SIZE=	0.5	FEET	6	INCHES
% OF WEIGHT SMALLER THAN THE GIVEN d50 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				
d50 SIZE=	1.0	FEET	12	INCHES
% OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE	SIZE OF STONE (INCHES) FROM		TO	
100%	18		24	
85%	16		22	
50%	12		18	
15%	4		6	

REVISION	DATE	DESCRIPTION
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#5	10-27-20	REVISED PER AoT RFMI COMMENT
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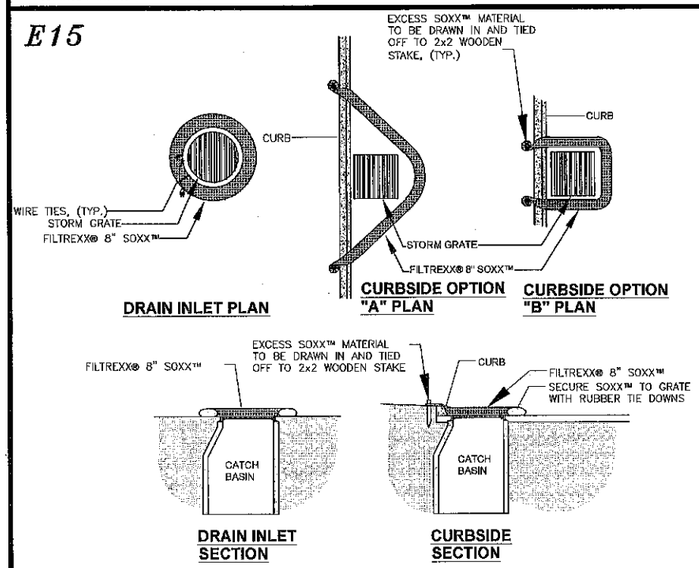
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	9-25-19	REVISED PER DES&K COMMENT
#1	9-25-19	REVISED PER DES&K COMMENT

E15



NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX INLET PROTECTION

NOT TO SCALE

E16

NOTE: THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

NOTE: Temporary seed mix for stabilization of turf shall be winter rye or oats at a rate of 2.5 lbs. per 1000 s.f. and shall be placed prior to OCT. 15, if permanent seeding not yet complete.

SEEDING GUIDE

USE	SEEDING MIXTURE 1/	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	FAIR	FAIR
	C	POOR	GOOD	EXCELLENT	GOOD
	D	FAIR	FAIR	GOOD	EXCELLENT
	E	FAIR	EXCELLENT	EXCELLENT	POOR
TOWNWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER.	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, OOD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	FAIR	POOR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	FAIR	GOOD	GOOD	EXCELLENT
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF.)	F	FAIR	EXCELLENT	EXCELLENT	2/
	G	FAIR	EXCELLENT	EXCELLENT	2/

GRAVEL PIT, SEE NH-PM-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.

1/ REFER TO SEEDING MIXTURES AND RATES IN TABLE 7-36.
2/ POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.

* RECOMMENDED

SEEDING RATES

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
A. TALL FESCUE	20	0.46
CREEPING RED FESCUE	20	0.46
RED TOP	2	0.05
TOTAL	42	0.96
B. TALL FESCUE	15	0.35
CREEPING RED FESCUE	15	0.35
CROWN VETCH	15	0.35
OR		
FLAT PEA	30	0.70
TOTAL	45 OR 60	0.05 OR 1.36
C. TALL FESCUE	24	0.55
CREEPING RED FESCUE	24	0.55
BIRDS-FOOT TREFOIL	2 (UNCOATED)	0.05
TOTAL	50	1.15
D. TALL FESCUE	20	0.45
FLAT PEA	30	0.70
TOTAL	50	1.15
E. CREEPING RED FESCUE 1/	50	1.15
KENTUCKY BLUEGRASS 1/	100	2.30
TOTAL	150	3.60
F. TALL FESCUE 1	150	3.60

CONSERVATION MIX	POUNDS PER ACRE	POUNDS PER 1,000 S.F.
TALL FESCUE (35%)	15	0.35
CREEPING RED FESCUE (25%)	15	0.35
ANNUAL RYEGRASS (12%)	5	0.12
PERENNIAL RYEGRASS (10%)	5	0.12
KENTUCKY BLUEGRASS (10%)	15	0.35
WHITE CLOVER (3%)	7	0.16

SEEDING SPECIFICATIONS

1. GRADING AND SHAPING
   A. 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.
2. SEEDBED PREPARATION
   A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
   B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEED BED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
3. ESTABLISHING A STAND
   A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING
   AND INCORPORATED INTO THE SOIL KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE,
   THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
   AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100LBS. PER 1,000 SQ.FT.
   NITROGEN(N), 50LBS. PER ACRE OR 1.1LBS. PER 1,000 SQ.FT.
   PHOSPHATE(P2O5), 100LBS. PER ACRE OR 2.2LBS. PER 1,000 SQ.FT.
   POTASH(K2O), 100LBS. PER ACRE OR 2.2LBS. PER 1,000 SQ.FT.
   (NOTE: THIS IS THE EQUIVALENT OF 500LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000LBS. PER ACRE OF 5-10-10.)
   B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
   C. REFER TO TABLE(G-E1 THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE(H-E1 THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWNVETCH, BIRDSFOOT TREFOIL, AND FLATPEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
   D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
4. MULCH
   A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
   B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90LBS PER 1000 S.F.
5. MAINTENANCE TO ESTABLISH A STAND
   A. PLANTED AREA SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
   B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIAL STAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
   C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.
6. TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, PERMANENT VEGETATION, PAGE 60.
7. SEE RAIN GARDEN AND INFILTRATION DETAIL SHEETS FOR SPECIFIC PLANTING INSTRUCTIONS AND SEEDING.

E17

WINTER STABILIZATION NOTES

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

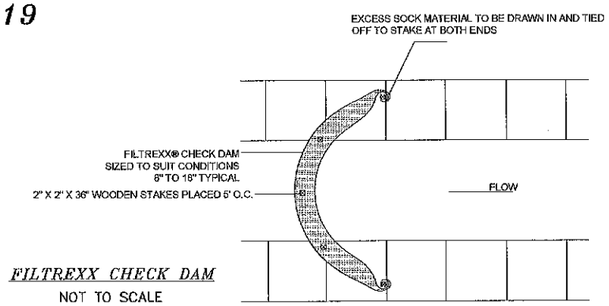
PER ENV-WQ 1500 ALTERATION OF TERRAIN

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

ADDITION STABILIZATION NOTES:

5. HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
6. 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.

E19



FILTREXX CHECK DAM

NOT TO SCALE

NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 1 ACRE OR LESS.
3. SEDIMENT SHOULD BE REMOVED PRIOR TO THE SEDIMENT REACHING ONE HALF THE ACCUMULATED HEIGHT HAS REACHED THE HEIGHT OF THE CHECK DAM.
4. CHECK DAM CAN BE DIRECT SEEDED AFTER INSTALLATION.
5. CONTRACTOR IS REQUIRED TO BE A FILTREXX CERTIFIED™ INSTALLER.

FOR TOWN APPROVAL PURPOSES :

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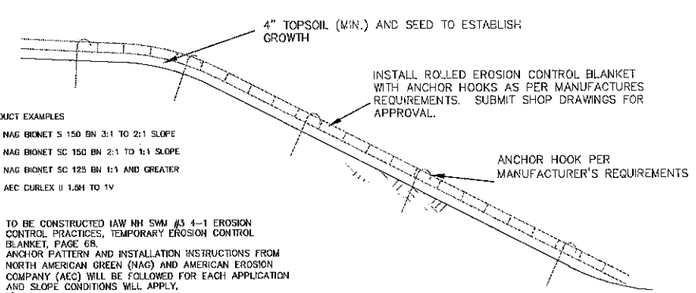
"APPROVED"

File Number 235-16-V-20-Amended SK

Date 1/16/2021

Chairman

E20



PRODUCT EXAMPLES

1.) NAG BIONET S 150 BN 3:1 TO 2:1 SLOPE
2.) NAG BIONET SC 150 BN 2:1 TO 1:1 SLOPE
3.) NAG BIONET SC 125 BN 1:1 AND GREATER
4.) AEC CURLEX II 1.5H TO 1V

1. TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, TEMPORARY EROSION CONTROL BLANKET, PAGE 68.
2. ANCHOR PATTERN AND INSTALLATION INSTRUCTIONS FROM NORTH AMERICAN GREEN (NAG) AND AMERICAN EROSION COMPANY (AEC) WILL BE FOLLOWED FOR EACH APPLICATION AND SLOPE CONDITIONS WILL APPLY.

ROLLED EROSION CONTROL BLANKET (RECB) SLOPE STABILIZATION DETAIL

NOT TO SCALE

E21 CONSTRUCTION SEQUENCE:

1.) CUT AND REMOVE TREES IN CONSTRUCTION AREA ONLY AS REQUIRED, RELOCATE ANY PROJECT T.B.M.
2.) CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT SEDIMENT 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.
3.) EROSION, SEDIMENT AND DETENTION CONTROL FACILITY SHALL BE INSTALLED & STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.TEMPORARY DIVERSIONS MAY BE REQUIRED. POST CONSTRUCTION STORM WATER MANAGEMENT PRACTICES MUST BE INITIATED AND STABILIZED EARLY IN THE PROCESS.
4.) CLEAR, CUT AND DISPOSE OF DEBRIS IN APPROVED FACILITY
5.) CONSTRUCT TEMPORARY CULVERTS AS REQUIRED, OR DIRECTED
6.) CONSTRUCT ROADWAYS FOR ACCESS TO DESIRED CONSTRUCTION AREAS. ALL ROADS SHALL BE STABILIZED IMMEDIATELY
7.) START BUILDING CONSTRUCTION
8.) INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. INSTALL RAIN GARDENS. ALLDISTURBED AREAS SHALL STABILIZED IMMEDIATELY AFTER GRADING.
9.) BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEEDED OR MULCHED AS REQUIRED, OR DIRECTED. NO AREA IS ALLOWED TO BE DISTURBED FOR A LENGTH OF TIME THAT EXCEEDS 45 DAYS BEFORE BEING STABILIZED. DAILY, OR AS REQUIRED. ALL ROADWAYS AND PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADES. ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADES.
10.) CONSTRUCT TEMPORARY BERMS, DRAINS DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
11.) INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION. ALL SWPPP 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 (CESSWI), OR A CERTIFIED PROFESSIONAL IN STORM WATER QUALITY (CPSWQ). INSPECTION REPORTS SHALL BE SUBMITTED TO THE COMMUNITY SERVICES DEPARTMENT.
12.) COMPLETE PERMANENT SEEDING AND LANDSCAPING.
13.) REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE.
14.) SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
15.) FINISH PAVING ALL ROADWAYS.

E-102

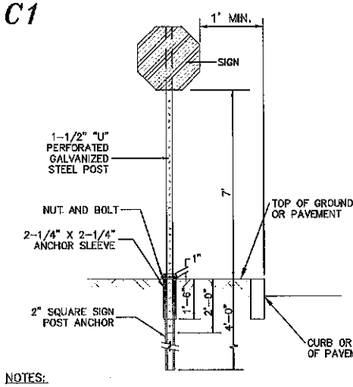
EROSION & SEDIMENT CONTROL DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

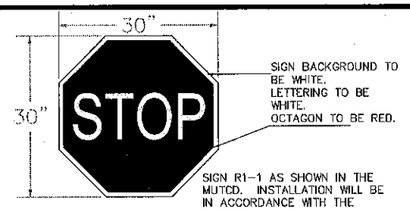
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE KENNETH A. BERRY No. 9749 LICENSED PROFESSIONAL ENGINEER

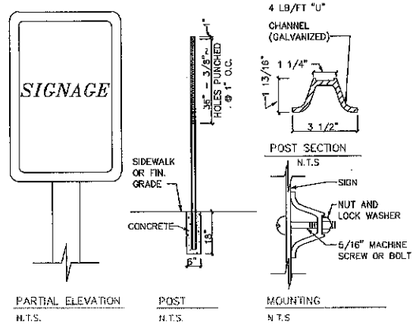
C1





NOTES:

1. ALL SIGNAGE SHALL BE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND NHDOT STANDARDS.
2. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS/CATALOG CUTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ERECTING SIGNS.
3. THE LOCATION OF THE SIGNS SHALL BE AS INDICATED ON THE DRAWINGS AND/OR AS DIRECTED BY THE TOWN OF BARRINGTON DEPARTMENT OF PUBLIC WORKS.



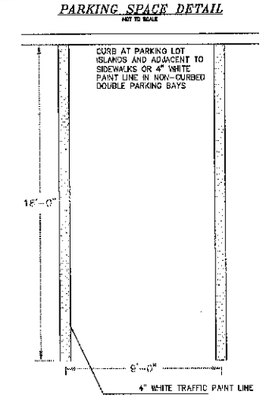
TYPICAL SIGN POST

NOT TO SCALE

C2

PARKING SPACE DETAIL

NOT TO SCALE



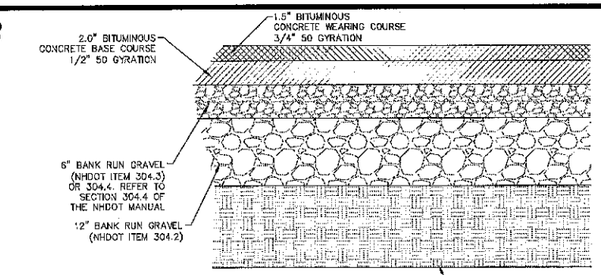
NOTES:

1.) PROVIDE TWO COATS OF PAINT ON ALL PARKING LINES.

2.) SEE PROPOSED SITE PLANS FOR LOCATION OF PARKING SPACES.

3.) PAINTED SPACES ONLY WHERE MARKED ON SITE PLAN

C3



NOTES:

1.) BITUMINOUS MATERIALS SHALL CONFORM TO NHDOT SPECIFICATION SUBSECTION 401.3.6.

2.) PAVEMENT BASE COURSE AGGREGATE SHALL CONFORM TO NHDOT SPECIFICATION SECTION 304, ITEM 304.3 AND COMPACTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY.

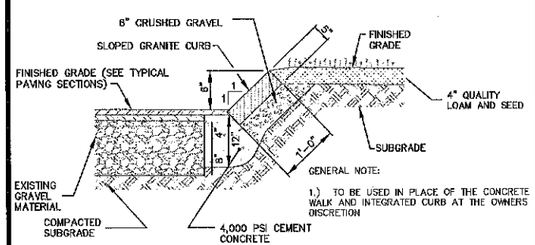
3.) PAVEMENT SUBBASE COURSE AGGREGATE AND AGGREGATE FOR SUBGRADE REPAIR AREAS SHALL BE SUITABLE FOR USE AS STRUCTURAL FILL AND BE PROOFROLLED AND COMPABED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY. FOR NEW CONSTRUCTION AREAS ONLY. IN EXISTING PAVEMENT AREAS THE CONTRACTOR IS TO ENSURE THE BASE MATERIAL IS SUITABLE TO THE OWNER FOR RE-PAVING

BITUMINOUS CONCRETE PAVEMENT SECTION

NOT TO SCALE

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DBMK COMMENT

C4



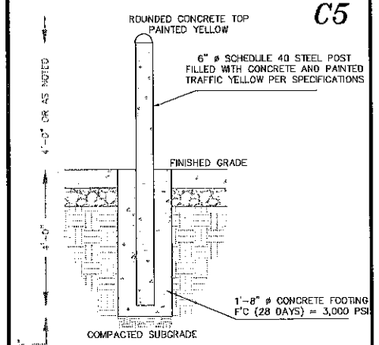
GENERAL NOTE:

1.) TO BE USED IN PLACE OF THE CONCRETE WALK AND INTEGRATED CURB AT THE OWNERS DISCRETION

SLOPE GRANITE CURB DETAIL

NOT TO SCALE

C5



BOLLARD DETAIL

NOT TO SCALE

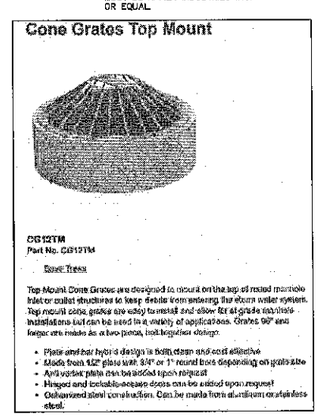
C6

CONE GRATE

NOT TO SCALE

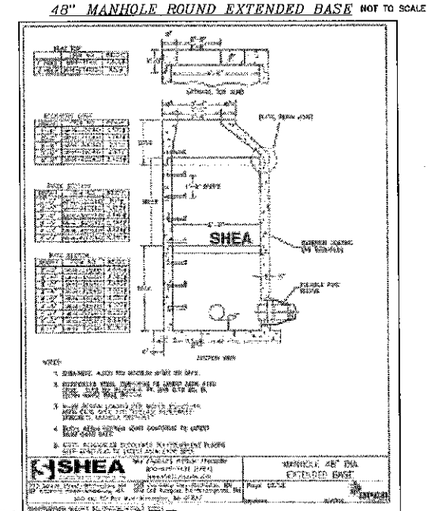
NOTE:

MUST BE HAALA INDUSTRIES INC. OR EQUAL



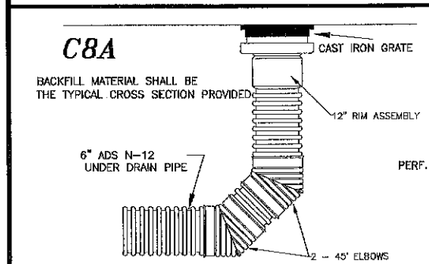
C7

48" MANHOLE ROUND EXTENDED BASE NOT TO SCALE



PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number: 238-16-1-20 (Amend SP)
Date 4/6/2021
Chairman

C8A



12" CAST IRON GRATE

NOT TO SCALE

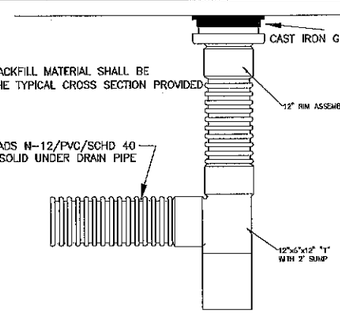
CASTINGS ARE RATED FOR H20 WHEEL LOAD TRAFFIC

PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT

ADS N-12 INLINE DRAIN

NOT TO SCALE USED FOR CLEANOUTS

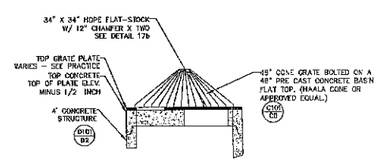
C8B



ADS N-12, PVC, SCHD. 40 INLINE DRAIN

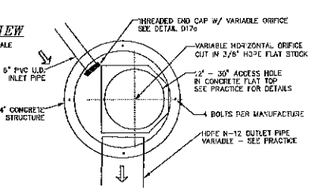
NOT TO SCALE USED FOR GRAVEL WETLAND CLEANOUTS

C9



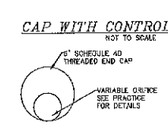
TOP VIEW

NOT TO SCALE

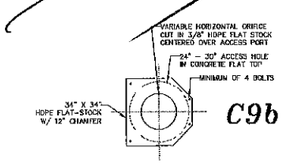


CAP WITH CONTROL ORIFICE

NOT TO SCALE



C9a



C9b

ORIFICE SCHEMATIC - GENERAL

NOT TO SCALE

FOR TOWN APPROVAL PURPOSES :

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

C-101

CONSTRUCTION DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

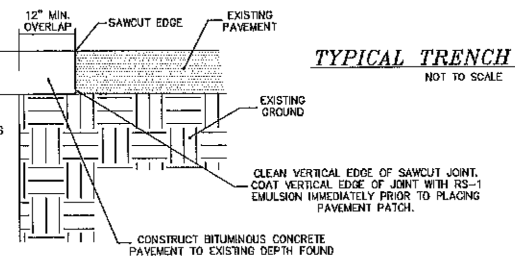
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

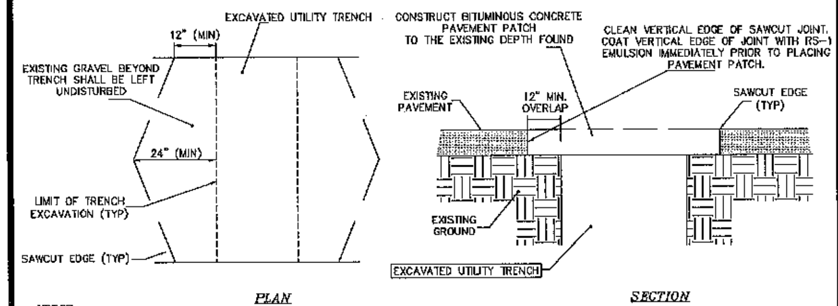
SCALE :	AS NOTED
DATE :	MARCH 26, 2019
FILE NO. :	DB 2017 - 075

STATE OF NEW HAMPSHIRE — KENNETH A. BERRY No. 14243 — LICENSED PROFESSIONAL ENGINEER

C10

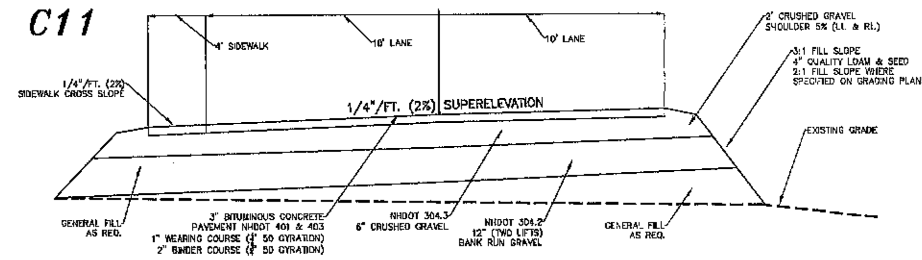
TYPICAL TRENCH PATCH
NOT TO SCALE



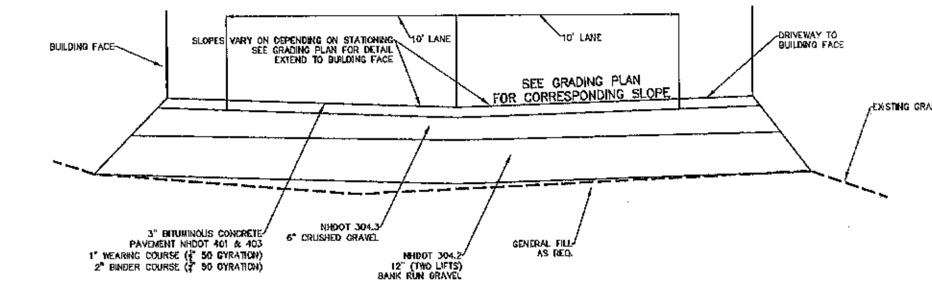


NOTES
1. MACHINE CUT EXISTING PAVEMENT.
2. ALL TEMPORARY, DAMAGED, OR DEFECTIVE PAVEMENT SHALL BE REMOVED PRIOR TO PLACEMENT OF PERMANENT TRENCH REPAIRS.
3. DIAMOND PATCHES, SHALL BE REQUIRED FOR ALL TRENCHES CROSSING ROADWAY. DIAMOND PATCHES SHALL MEET NHDOT REQUIREMENTS.

C11

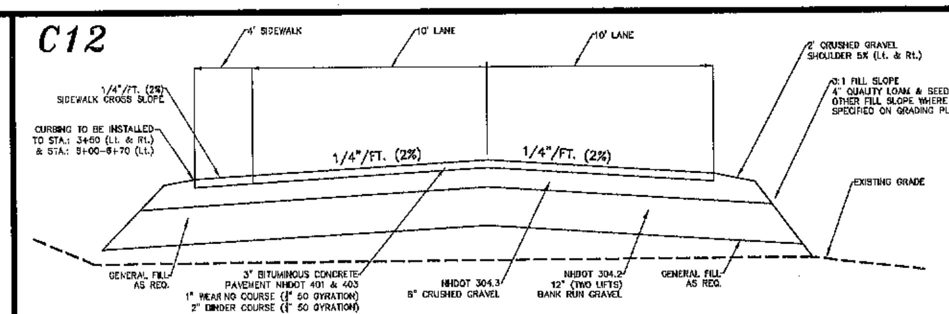


TYPICAL ROADWAY SECTION OLDENBURG 0+00–2+00
NOT TO SCALE

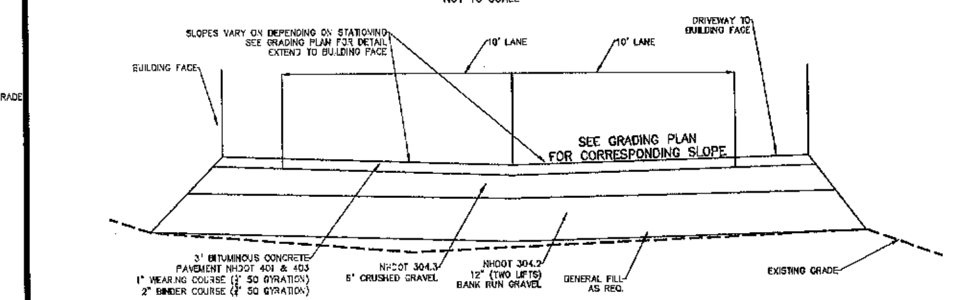


TYPICAL ROADWAY SECTION OLDENBURG 2+00–END
NOT TO SCALE

C12



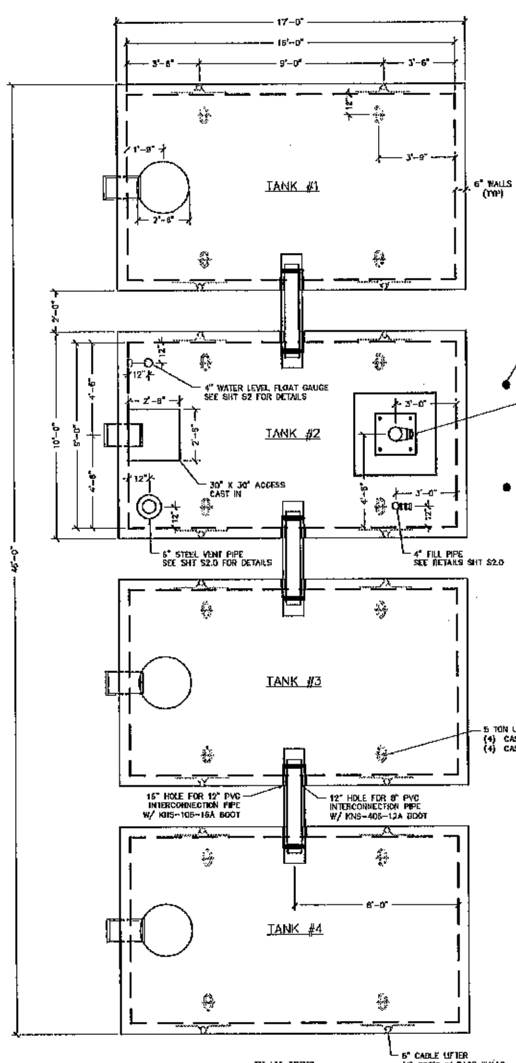
TYPICAL ROADWAY SECTION HANOVARIAN 0+00–7+00
NOT TO SCALE



TYPICAL ROADWAY SECTION HANOVARIAN 7+00–END
NOT TO SCALE

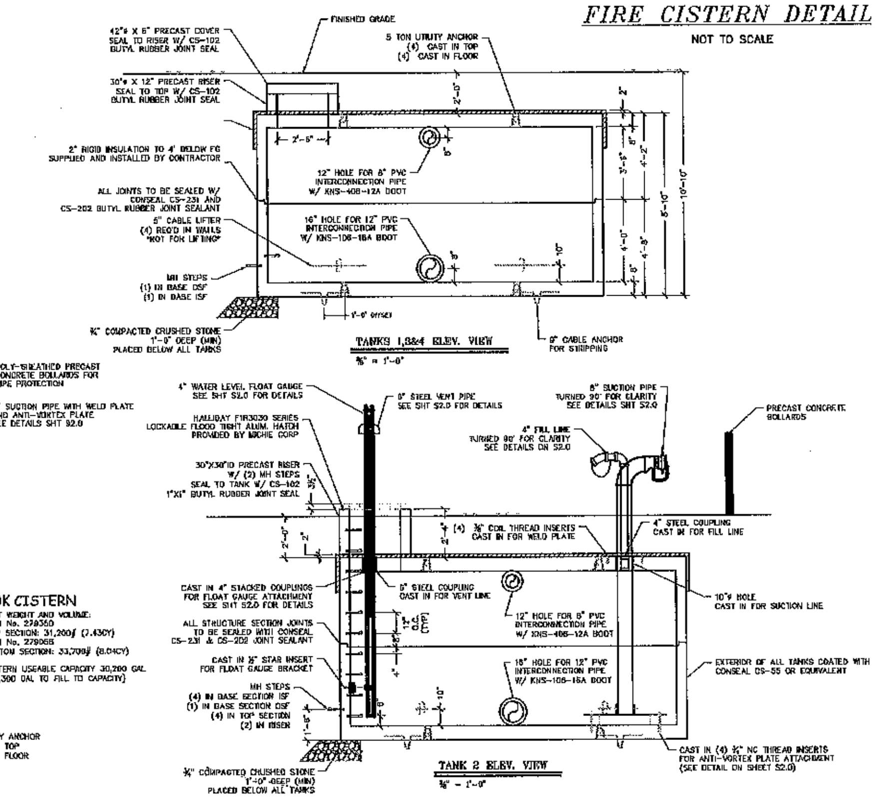
C13

FIRE CISTERN DETAIL
NOT TO SCALE



30K CISTERN
UNIT WEIGHT AND VOLUME:
ITEM No. 279350
TOP SECTION: 31,200# (7.43CY)
ITEM No. 279066
BOTTOM SECTION: 33,700# (8.04CY)

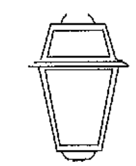
CISTERN USEABLE CAPACITY 30,200 GAL
(32,300 GAL TO FILL TO CAPACITY)



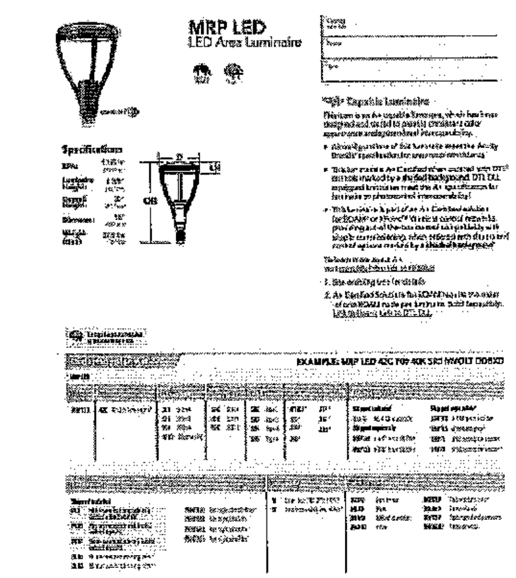
NOTES:
1. MAINTAIN MINIMUM 60 DEGREE SLING ANGLE WHEN HANDLING PRECAST COMPONENTS.
2. PRECAST COMPONENTS SHALL REACH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI PRIOR TO STRIPPING, AND THE MINIMUM DESIGN COMPRESSIVE STRENGTH PRIOR TO SHIPPING, UNLESS OTHERWISE APPROVED.
3. CONCRETE SHALL BE SELF-CONSOLIDATING CONFORMING TO ASTM C260 WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5,000 PSI. AGGREGATE SHALL CONFORM TO ASTM C-33 WITH A MAXIMUM DIAMETER OF 3/4". CEMENT SHALL CONFORM TO ASTM C150.
4. REINFORCING SHALL BE 60,000 PSI GRADE 60 DEFORMED BLACK BARS CONFORMING TO ASTM A-615. ALL BARS SHALL BE BENT COLD.
5. ALL JOINTS AND VOIDS SHALL BE FILLED WITH NON-SHRINK GROUT. VERTICAL SURFACE VOIDS MAY BE FILLED WITH FOAM SEALANT.
6. TANK DESIGNED USING THE FOLLOWING PROPERTIES:
   - DESIGN LOAD: ASHTO HS-20
   - EARTH COVER:
     - 0–2' FOR WATER TABLE 5' BELOW GRADE.
     - 0–2.5' FOR WATER TABLE 3.5'–5' BELOW GRADE.
   - LATERAL EARTH PRESSURES: DRY = 40PCF; SAT = 81PCF
   - ADEQUACY OF THE ABOVE INFORMATION SHALL BE REVIEWED FOR SITE SPECIFIC CONDITIONS BY QUALIFIED LICENSED PROFESSIONAL ENGINEER.
7. ALL EXCAVATED HOLES SHALL BE PREPARED PER OSHA STANDARDS; NOTHING IN THESE PLANS SHALL BE CONSTRUED TO PROVIDE EXCAVATION GUIDANCE. TANK EXCAVATION SHALL BE KEPT DEWATERED THROUGHOUT INSTALLATION AND BACKFILL OPERATIONS.
8. STRUCTURE SHALL BE PLACED AT ELEVATIONS SHOWN ON THE DRAWINGS ON A MINIMUM OF 12" OF COMPACTED CRUSHED STONE WITH A MAXIMUM AGGREGATE SIZE OF 3/4" TO 1½". ALL TOPSOIL, LOOSE FILL, AND DELETERIOUS MATERIALS SHALL BE REMOVED BEFORE PLACING MATERIAL.
9. BACKFILL MATERIAL SHALL BE SCREENED GRAVEL OR SAND, FREE OF DELETERIOUS MATERIAL WITH A MAXIMUM AGGREGATE SIZE OF 1½". BACKFILL SHALL EXTEND FOR A MINIMUM DISTANCE OF 3'-0" BEYOND THE HORIZONTAL LIMITS OF THE STRUCTURE. MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12" AND COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY DETERMINED BY ASTM D1557 (MODIFIED PROCTOR TEST). ALL COMPACTION SHALL BE DONE WITH HAND-OPERATED COMPACTION EQUIPMENT.NE WITH HAND-OPERATED COMPACTION EQUIPMENT.

PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number 238-16-V-20-Amend'96
Date 4/16/2021
Chairman ____

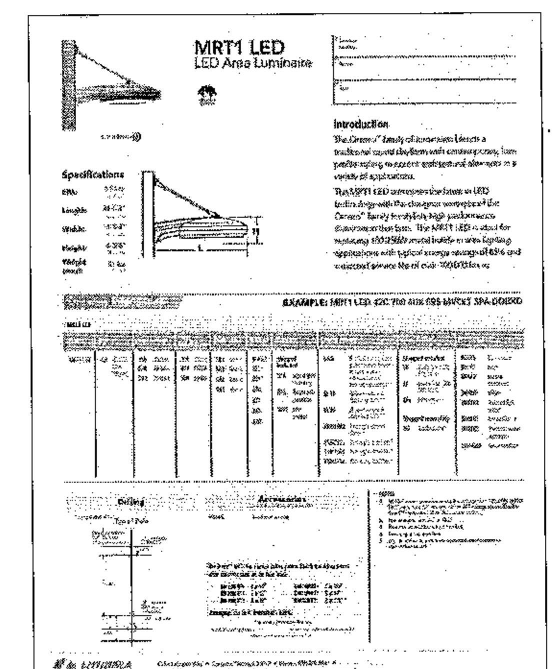
C14



TYPICAL RESIDENTIAL LAMP TYPE "A"
NOT TO SCALE



LAMP "C" MOUNTED 20' ABOVE GRADE



LAMP "D" MOUNTED 16' ABOVE GRADE

C15

BEST MANAGEMENT PRACTICES FOR BLASTING

ENV-WQ 1510.03 LOADING PRACTICES. THE FOLLOWING BLAST HOLE LOADING PRACTICES SHALL BE IMPLEMENTED:
(A) THE DRILLER SHALL MAINTAIN DRILLING LOGS TO DOCUMENT:
  (1) THE DEPTHS AND LENGTHS OF VOIDS, CAVITIES, AND FAULT ZONES OR OTHER WEAK ZONES ENCOUNTERED; AND
  (2) GROUNDWATER CONDITIONS;
(B) THE DRILLER SHALL COMMUNICATE THE CONTENTS OF THE DRILLING LOGS DIRECTLY TO THE BLASTER;
(C) EXPLOSIVE PRODUCTS SHALL BE MANAGED ON SITE SUCH THAT THEY ARE:
  (1) USED IN THE BOREHOLE;
  (2) RETURNED TO THE DELIVERY VEHICLE; OR
  (3) PLACED IN SECURE CONTAINERS FOR OFF-SITE DISPOSAL;
(D) SPILLAGE AROUND THE BOREHOLE SHALL BE:
  (1) PLACED IN THE BOREHOLE; OR
  (2) CLEANED UP AND RETURNED TO AN APPROPRIATE VEHICLE FOR HANDLING OR PLACEMENT IN SECURED CONTAINERS FOR OFF-SITE DISPOSAL;
(E) LOADED EXPLOSIVES SHALL BE DETONATED AS SOON AS POSSIBLE AND NOT LEFT IN THE BLAST HOLES OVERNIGHT, UNLESS WEATHER OR OTHER SAFETY CONCERNS REASONABLY DICTATE THAT DETONATION SHOULD BE POSTPONED;
(F) LOADING EQUIPMENT SHALL BE CLEANED IN AN AREA WHERE WASTEWATER CAN BE PROPERLY CONTAINED AND HANDLED IN A MANNER THAT PREVENTS RELEASE OF CONTAMINANTS TO THE ENVIRONMENT; AND
(G) EXPLOSIVES SHALL BE LOADED IN ACCORDANCE WITH INDUSTRY STANDARD PRACTICES FOR PRIMING, STEMMING, DECKING AND COLUMN RISE TO MAINTAIN GOOD CONTINUITY IN THE COLUMN LOAD TO PROMOTE COMPLETE DETONATION.

PRE-BLAST SURVEY WILL INCLUDE ALL ABUTTING PROPERTIES AND FOLLOW ALL STATE AND LOCAL REQUIREMENTS.

FOR TOWN APPROVAL PURPOSES :

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

C-102

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
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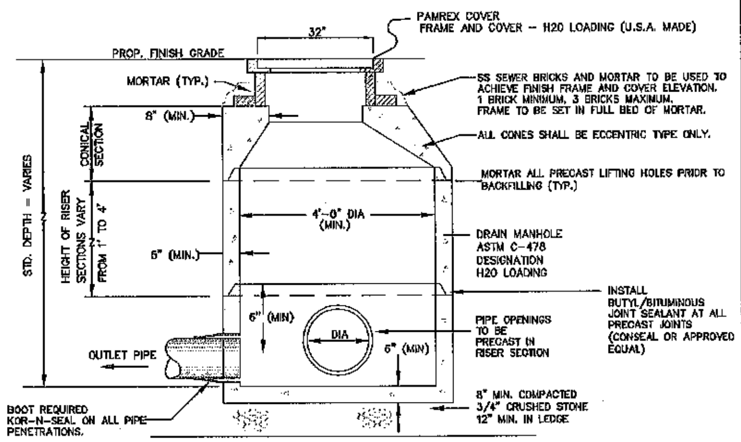
CONSTRUCTION DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

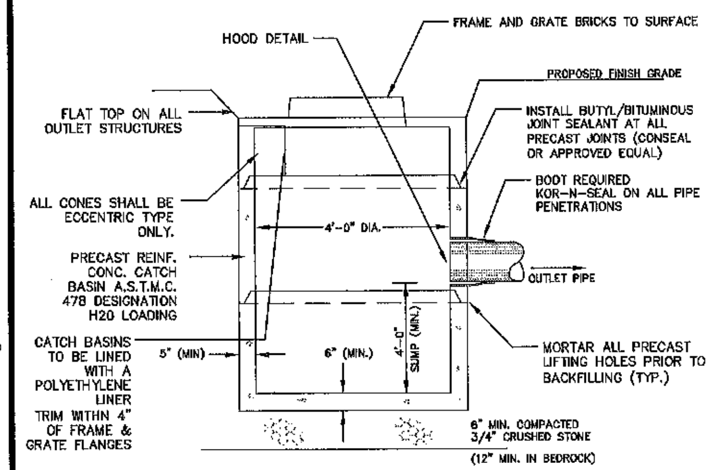
STATE OF NEW HAMPSHIRE – KENNETH A. BERRY No. 12493 – LICENSED PROFESSIONAL ENGINEER

D1



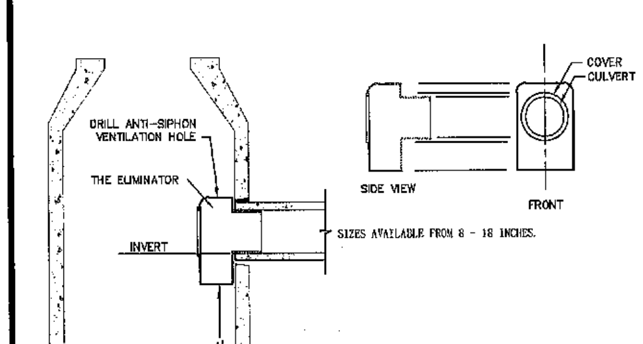
PRECAST DRAIN MANHOLE DETAIL
NOT TO SCALE

D2



CATCH BASIN DETAIL
NOT TO SCALE

D3

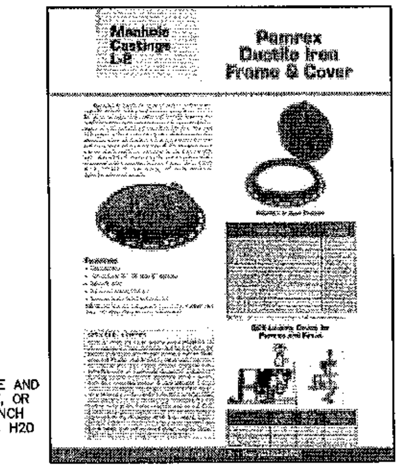


1. HOOD SHALL BE "THE ELIMINATOR" OIL & FLOATING DEBRIS TRAP AS MANUFACTURED BY GROUND WATER RESCUE, INC., QUINCY, MA., TEL. 617-773-1128 ON THE WEB @ WWW.KLEANSTREAM.COM

CATCH BASIN HOOD DETAIL
NOT TO SCALE

D4

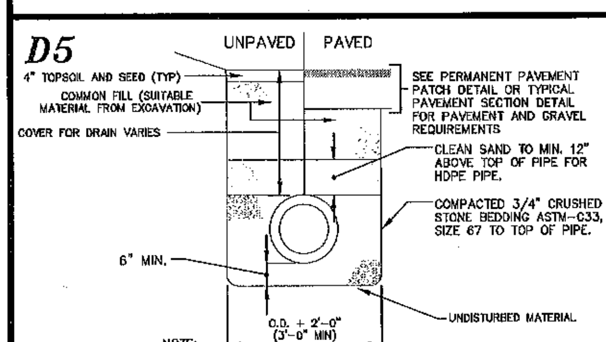
DRAIN MAN HOLE FRAME AND GRATE WILL BE PAMREX, OR APPROVED EQUAL, 24 INCH OPENING, DUCTILE IRON, H20 LOADING.



DRAIN MANHOLE COVER DETAIL
NOT TO SCALE

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

D5



NOTE:

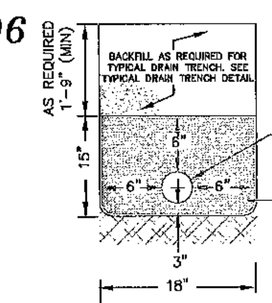
PLASTIC DRAIN PIPE (HDPE) SHALL BE ADS N-12 (CORRUGATED EXTERIOR/SMOOTH INTERIOR) OR EQUAL MEETING AASHTO M-252 AND H-20 LOADING.

DI DRAIN PIPE SHALL BE CL. 50.

RC DRAIN PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED.

TYPICAL DRAIN PIPE TRENCH
NOT TO SCALE

D6



SUBDRAIN PIPE TO BE ADS N-12 PERFORATED (CORRUGATED EXTERIOR/ SMOOTH INTERIOR) MEETING AASHTO M-252 WITH FILTER SOCK PIPE SIZE PER SITE PLANS (PLACE HOLES DOWN)

1"-2" STONE BED

NOTE: SUBDRAIN TO BE LAID WITH SLOPE OF FINISHED GROUND

NOTES:

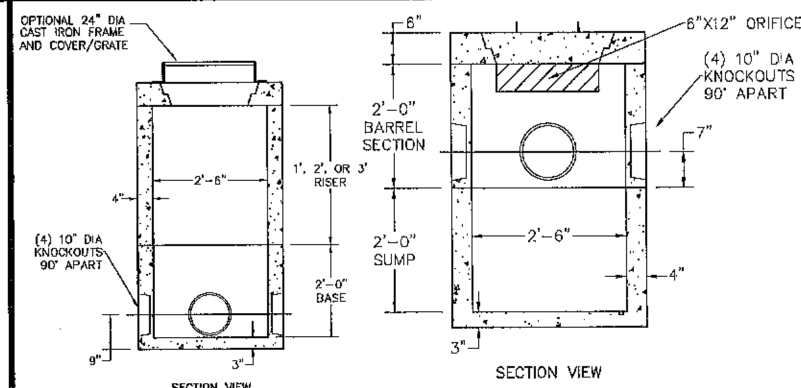
CROWN OF 6" SUBDRAIN PIPES TO MATCH CROWN OF DRAIN PIPES IN CATCH BASINS

SUBDRAIN TO BE INSTALLED AS INDICATED ON THE DRAWINGS AND AS DIRECTED BY THE ENGINEER.

SHORING AND STABILIZING OF TRENCH SIDEWALLS DURING EXCAVATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY TRENCH EXCAVATION BEYOND THE LIMITS OF PAY EXCAVATION INDICATED.

SUBDRAIN DETAIL TYPICAL
NOT TO SCALE

D7



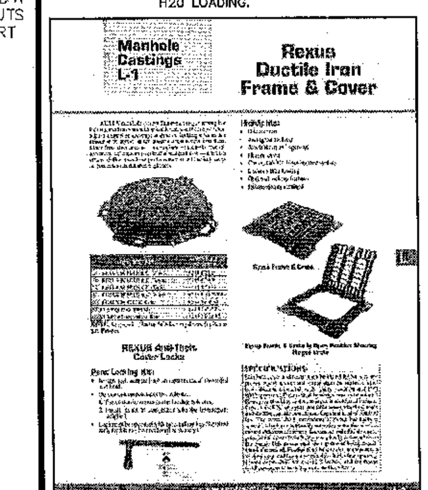
NOTES
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGNED FOR AASHTO HS-20 LOADING, 1-5 FEET COVER
3. MUST BE SHEA CONCRETE OR EQUAL.

SECTIONS	ITEM NO	WEIGHT
1'-0" RISER	MC-MCB12RH	440#
2'-0" RISER	MC-MCB24RH	880#
3'-0" RISER	MC-MCB36RH	1320#
2'-0" BASE	MC-MCB24SI	1175#
2'-0" BARREL	MC-MCB24BSH	850#
38" COVER	MC-MCB38C4	555#

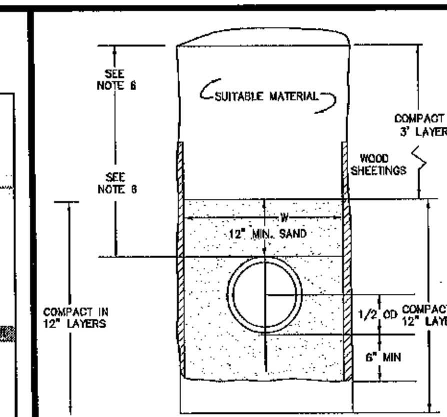
38" MINI CATCH BASIN
NOT TO SCALE

D8

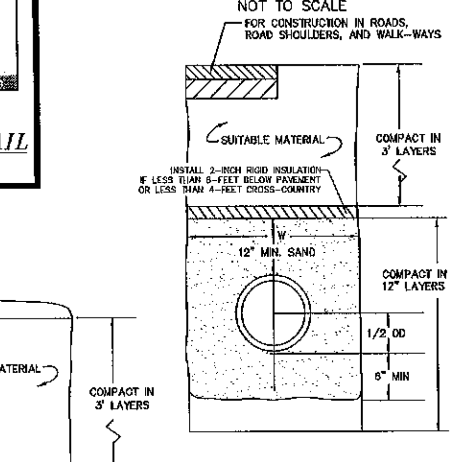
CATCH BASIN FRAME AND GRATE WILL BE REXUS, OR APPROVED EQUAL, 24 INCH OPENING, DUCTILE IRON, H20 LOADING.



CATCH BASIN GRATE DETAIL
NOT TO SCALE

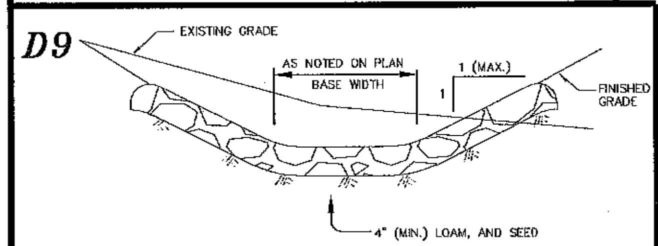


EARTH CONSTRUCTION WITH SHEETING
NOT TO SCALE



TRENCH INSULATION
NOT TO SCALE

D9



RIP-RAP LINED SWALE
NOT TO SCALE

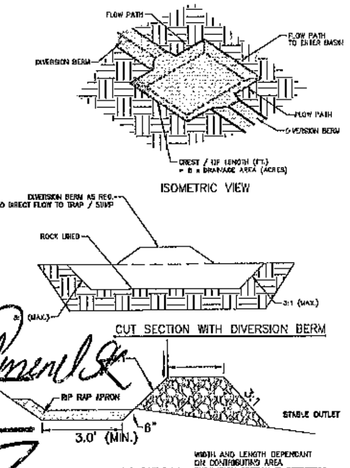
NOTES:
1.) INSTALL CHECK TEMPORARY SILT SOXX CHECK DAM UNTIL SWALES ARE STABILIZED
2.) SEE GRADING PLAN FOR DEGRADATION AND THICKNESS

D11

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 5 ACRES.
3. THE MINIMUM VOLUME OF THE TRAP SHALL BE 3,600 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.

SIEVE DESIGNATION	SIZE OF STONE (INCHES)
100%	12
84-100%	6
68-83%	3
42-55%	1
8-12%	NO. 4

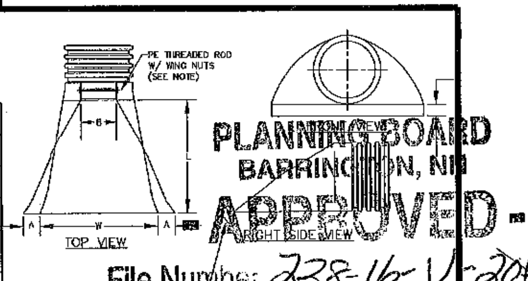
STONE LINED SEDIMENT TRAP



D10

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

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

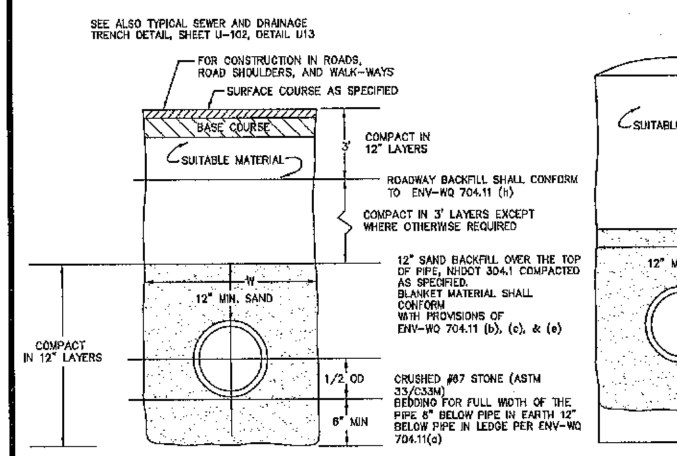


ADS N-12 FLARED END SECTIONS
NOT TO SCALE (ALL DIMENSIONS ARE NOMINAL)

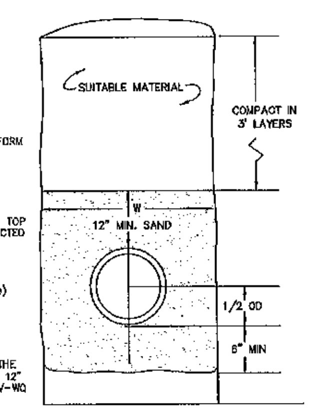
PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20 [signature]
Date 4/6/2021
Chairman [signature]

D12

SEE ALSO TYPICAL SEWER AND DRAINAGE TRENCH DETAIL, SHEET U-102, DETAIL U13



LEDGE CONSTRUCTION
NOT TO SCALE



EARTH CONSTRUCTION
NOT TO SCALE

FOR TOWN APPROVAL PURPOSES :

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

DRAINAGE DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

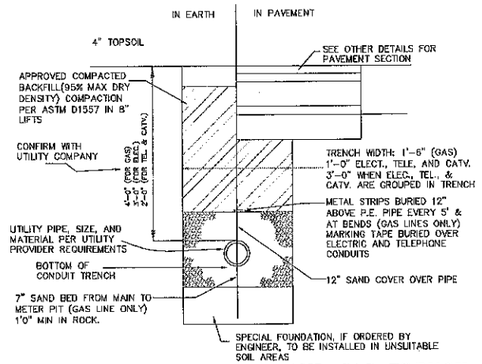
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE — KENNETH A. BERRY No. 14241 — LICENSED PROFESSIONAL ENGINEER

D-101

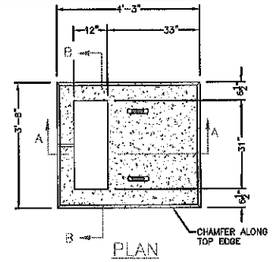
U1



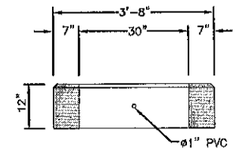
ELECTRICAL, TELEPHONE, AND GAS TRENCH

NOT TO SCALE

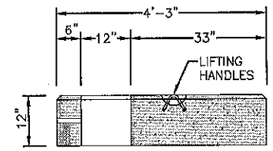
U2



PLAN

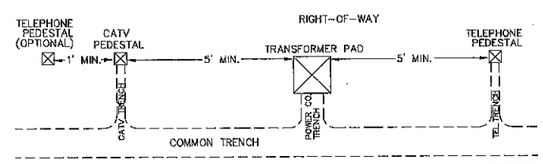


SECTION B–B



SECTION A–A

U3



PEDESTAL PLACEMENT

NOT TO SCALE

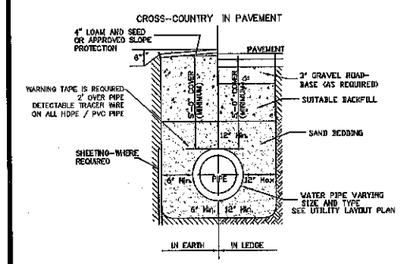
NOTES:

1. CONCRETE MINIMUM STRENGTH 4,000 PSI AFTER 28 DAYS
2. REINFORCEMENT STEEL CONFORMS TO ASTM A615 GRADE 60 #6 REBAR.
3. MEETS OR EXCEEDS EVERSOURCE SPECIFICATIONS.
4. MUST BE A SHEA CONCRETE PRODUCT OR EQUAL.

TRANSFORMER AND PAD DETAIL

NOT TO SCALE

U4



TYPICAL TRENCH DETAIL FOR WATER SYSTEM

NOT TO SCALE

REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RFMI COMMENT
#4	10-27-20	REVISED PER AOT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-4-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#1	9-25-19	REVISED PER DB&K COMMENT

U5

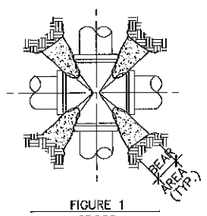


FIGURE 1
CROSS
(ONLY REQ'D IF ANY LEG IS LESS THAN 60 FT. LONG)

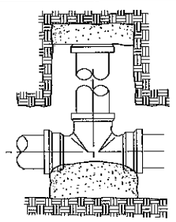


FIGURE 2
TEE, PLUG OR CAP

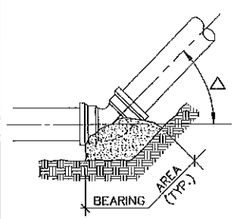


FIGURE 3
HORIZONTAL OR UPWARD VERTICAL BEND

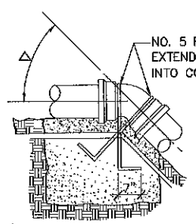


FIGURE 4
DOWNWARD VERTICAL BEND

TYPICAL THRUST BLOCKS

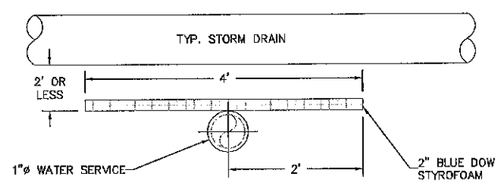
NOT TO SCALE

PIPE I.D.	BEARING AREA, SQUARE FEET						VOLUME OF CONC. CU.YD		
	FIGURE 1	FIGURE 2	FIGURE 3, Δ				FIGURE 4, Δ		
			90°	45°	22-1/2°	11-1/4°	45°	22-1/2°	11-1/4°
4"	2	2	2	1	1	1	1.0	.5	.5
6"	2	3	3	2	1	1	1.5	1.0	.5
8"	2	5	6	3	2	1	2.0	1.0	.5
10"	3	7	10	5	3	1	4.0	2.0	1.0
12"	3	10	14	8	4	2			
14"	4	14	20	10	5	3			
16"	4	20	24	12	7	4			
18"	5	24	30	16	10	5			
20"	5	28	40	20	12	6			

GENERAL NOTES:

1. ALL FITTINGS & EXPOSED REBAR TO BE RAPPED W/ TWO LAYERS OF 8 MIL. POLYETHYLENE WHERE COVERED WITH CONCRETE.
2. ALL CONCRETE SHALL BE CLASS C 3000 P.S.I. MINIMUM 28 DAYS COMPRESSIVE STRENGTH.
3. PLACE CONCRETE AGAINST UNDISTURBED EARTH.
4. TABLE DENOTES MINIMUM BEARING AREA OR VOLUME OF THRUST BLOCK. SPECIAL DESIGN FOR EACH INSTALLATION IS REQUIRED IF ALLOWABLE SOIL BEARING CAPACITY IS LESS THAN 3000 P.S.F.
5. VERTICAL SURFACES NOT BEARING AGAINST UNDISTURBED EARTH SHALL BE FORMED.
6. KEEP CONCRETE AWAY FROM FLANGE BOLTS AND FITTINGS.
7. MECHANICAL JOINTS AT ALL FITTINGS IE: BENDS,
8. TEES, CROSSES, AND VALVES SHALL BE THRUST RESTRAINT. (MEGA-LUG OR APPROVED EQUAL.

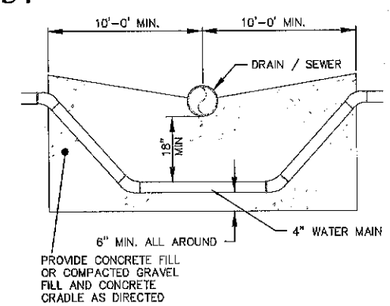
U6



INSULATE WATER PIPE WHERE CROSSING UNDER CULVERT

NOT TO SCALE

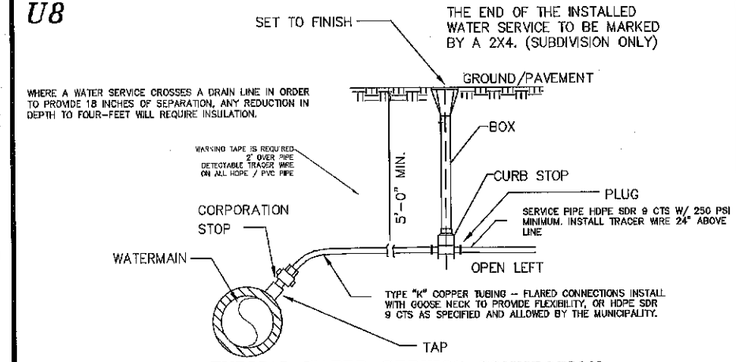
U7



WATER MAIN INSTALLATION – BELOW DRAIN

NOT TO SCALE

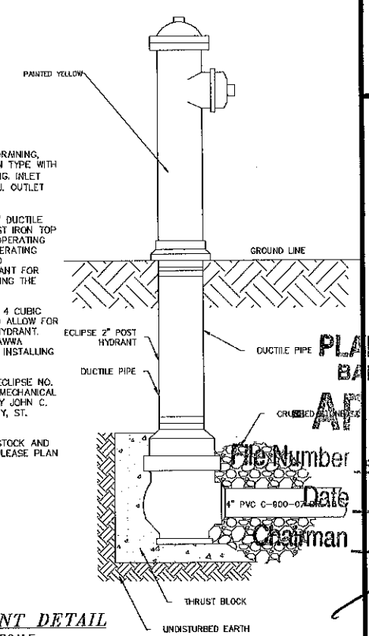
U8



TYPICAL WATER SERVICE CONNECTION

NOT TO SCALE

U9



NOTES:

HYDRANTS SHALL BE SELF-DRAINING, NON-FREEZING, COMPRESSION TYPE WITH 2-3/16" MAIN VALVE OPENING. INLET CONNECTION SHALL BE 4" M.J. OUTLET SHALL BE 2" IP.

HYDRANTS SHALL HAVE A 4" DUCTILE IRON PIPE RISER WITH A CAST IRON TOP STOCK, AND NON-TURNING OPERATING ROD. PRINCIPAL INTERIOR OPERATING PARTS SHALL BE BRASS AND REMOVABLE FROM THE HYDRANT FOR SERVICING WITHOUT EXCAVATING THE HYDRANT.

HYDRANTS SHALL BE SET IN 4 CUBIC FEET OF CRUSHED STONE TO ALLOW FOR PROPER DRAINAGE OF THE HYDRANT. RECOMMENDATIONS OF THE AWWA SHOULD BE FOLLOWED WHEN INSTALLING THE HYDRANT.

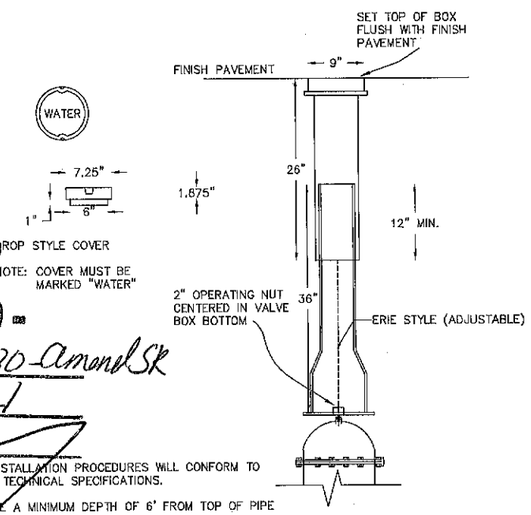
POST HYDRANTS SHALL BE ECLIPSE NO. 2 POST HYDRANTS, 3-INCH MECHANICAL JOINT, AS MANUFACTURED BY JOHN C. KUPFERLE FOUNDRY COMPANY, ST. LOUIS, MISSOURI.

POST HYDRANTS ARE NON-STOCK AND ARE ORDERED AS NEEDED. PLEASE PLAN INSTALLATION ACCORDINGLY.

POST HYDRANT DETAIL

NOT TO SCALE

U10



ROP STYLE COVER

NOTE: COVER MUST BE MARKED "WATER"

NOTE:

1.) ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO LOCAL WATER WORKS TECHNICAL SPECIFICATIONS.

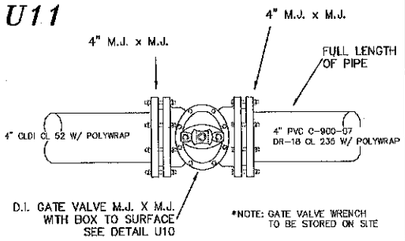
2.) ALL PIPE SHOULD HAVE A MINIMUM DEPTH OF 6' FROM TOP OF PIPE TO FINISH GRADE.

VALVE BOX DETAIL

NOT TO SCALE

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-20 Amend SK
Date 4/16/2021
Chairman

U11



SHUTOFF VALVE DETAIL

NOT TO SCALE

FOR TOWN APPROVAL PURPOSES :

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U-101

UTILITY DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075

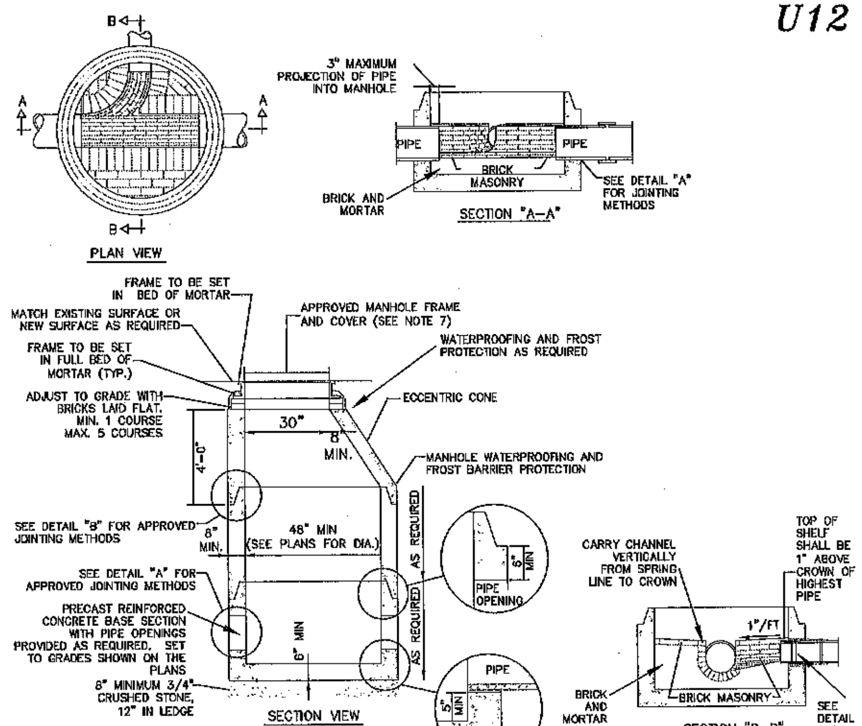
STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

SHEET 53 OF 56

U12

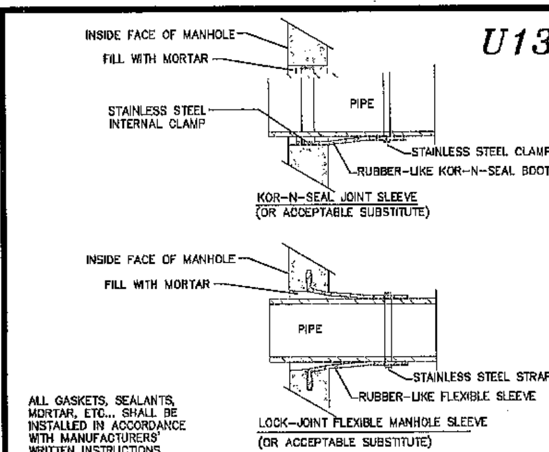
NOTES ON MANHOLE AND SEWER CONSTRUCTION:

1) IT IS THE INTENTION THAT THE MANHOLE, INCLUDING ALL COMPONENT PARTS, HAVE ADEQUATE SPACE, STRENGTH AND LEAKPROOF QUALITIES CONSIDERED NECESSARY FOR THE INTENDED SERVICE. SPACE REQUIREMENTS AND CONFIGURATIONS, SHALL BE AS SHOWN ON THE DRAWING. MANHOLES SHALL BE AN ASSEMBLY OF PRECAST SECTIONS, WITH STEEL REINFORCEMENT AND ADEQUATE JOINTING. THE COMPLETE STRUCTURE SHALL BE OF SUCH MATERIAL AND QUALITY AS TO WITHSTAND HS-20-44 LOADING, INCLUDING THE COVER. ALL SMH CONSTRUCTION AND MATERIALS WILL BE IAW ENV.-WQ 704.13 (a)(3) ADOPTED OCTOBER 15, 2014
2) BARRELS AND CONE SECTIONS SHALL BE PRECAST REINFORCED CONCRETE. (IAW ENV.-WQ 704.12 (d))
3) SEWER MANHOLE DIAMETER SHALL BE AS INDICATED ON THE PLANS.
4) PRECAST CONCRETE BARREL SECTIONS, CONES AND BASES SHALL CONFORM TO ASTM C478.
5) GRAVITY SEWER PIPE TESTING WILL BE IN ACCORDANCE WITH ENV.-WQ 704.06 AND MAN HOLE TESTING IAW ENV.-WQ 704.17 DATED OCTOBER 15, 2014.
6) INVERTS AND SHELVES: MANHOLES SHALL HAVE A BRICK PAVED SHELF AND INVERT, CONSTRUCTED TO CONFORM TO THE SIZE OF THE PIPE AND FLOW. INVERT BRICKS SHALL BE LAID ON EDGE AND THE BASE SECTION SHALL BE FULL. AT CHANGES IN DIRECTIONS, THE INVERTS SHALL BE LAID OUT IN CURVES OF THE LONGEST RADIUS POSSIBLE TANGENT TO THE CENTER LINE OF THE SEWER PIPES. CARE SHALL BE TAKEN TO ENSURE THAT THE BRICK INVERT IS A SMOOTH CONTINUATION OF THE SEWER INVERT. SHELVES SHALL BE CONSTRUCTED TO THE ELEVATION OF THE HIGHEST PIPE CROWN AND SLOPE TO DRAIN TOWARD THE FLOWING THROUGH CHANNEL. BASE SECTION SHALL BE MONOLITHIC TO A POINT AT LEAST 6" ABOVE THE CROWN OF THE INCOMING PIPE PER ENV-WQ 704.12(e). CASTINGS SHALL CONFROM WITH ASTM A48/48M PER ENV-WQ 704.13 (a)(8). UNDERLAYMENT OF INVERT AND SHELF SHALL CONSIST OF BRICK MASONRY. (IAW ENV.-WQ 704.13 (a) (9)). MORTAR SHALL CONFORM WITH REQUIREMENTS OF IAW ENV.-WQ 704.13 (c).
7) FRAMES AND COVERS: MANHOLES FRAMES AND COVERS SHALL BE OF HEAVY DUTY DESIGN AND PROVIDE A 30-INCH CLEAR OPENING. 3-INCH (MINIMUM HEIGHT) LETTERS WITH THE WORD "SEWER" SHALL BE PLAINLY CAST INTO THE CENTER OF EACH MANHOLE COVER. (IAW ENV.-WQ 704.13 (a) (4-6)) SEWER MAN HOLE COVERS ARE TO PAMREX.
8) SHALLOW MANHOLE: IN LIEU OF A CONE SECTION, WHEN MANHOLE DEPTH IS LESS THAN 6 FEET, A REINFORCED CONCRETE SLAB COVER MAY BE USED HAVING AN ECCENTRIC ENTRANCE OPENING AND CAPABLE OF SUPPORTING H-20 LOADS.
9) HORIZONTAL JOINTS BETWEEN SECTIONS OF PRECAST CONCRETE BARRELS SHALL BE OF A TYPE APPROVED BY THE DOVER DPW, WHICH TYPE SHALL, IN GENERAL, DEPEND FOR WATERTIGHTNESS UPON A DOUBLE ROW OF AN OVERLAPPING TYPE ELASTOMERIC OR MASTIC-LIKE GASKET. APPROVED ELASTOMERIC SEALANTS ARE: RAM-NEK, KENT SEAL NO. 2, EZ, OR EQUAL.
10) ALL FRAMES AND GRATES ARE TO BE U.S.A. MADE. MANHOLE STEPS ARE REQUIRED IN THIS MUNICIPALITY AND MUST CONFORM TO THE REQUIREMENTS OF ENV-WQ 704.14.
11) ANY WORK INVOLVING THE CUTTING INTO A.C. PIPE SHALL MEET THE REQUIREMENTS OF ENV-A 1800.



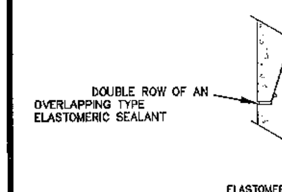
TYPICAL SEWER MANHOLE
NOT TO SCALE

U13



ALL GASKETS, SEALANTS, MORTAR, ETC... SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' WRITTEN INSTRUCTIONS

DETAIL "A" - PIPE TO MANHOLE JOINTS
NOT TO SCALE

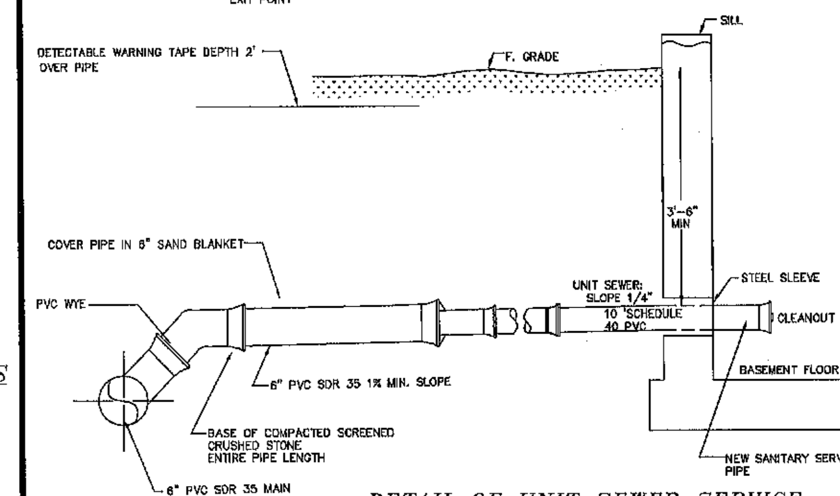


NOTE:
ALL GASKETS AND SEALANTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' WRITTEN INSTRUCTIONS.

DETAIL "B" HORIZONTAL JOINTS
NOT TO SCALE

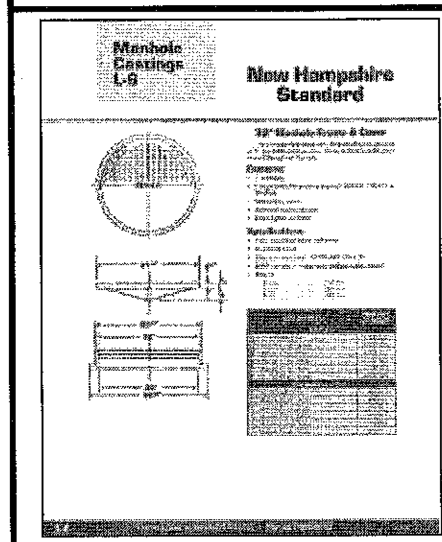
U14

1.) SEE DETAILS FOR SERVICE CONNECTION REQUIREMENTS
2.) SERVICE CONNECTION SHALL BE INSTALLED BELOW WATER MAIN WHERE POSSIBLE.
3.) CLEANOUTS SHALL BE INSTALLED INSIDE EACH BUILDING EXIT POINT



DETAIL OF UNIT SEWER SERVICE
NOT TO SCALE

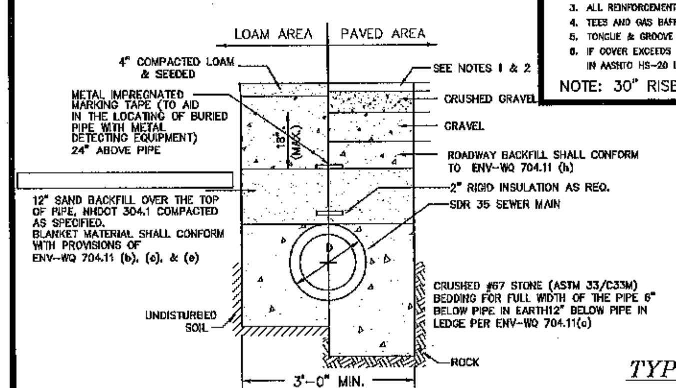
U15



SEWER MANHOLE FRAME AND GRATE WILL BE NEW HAMPSHIRE STANDARD, OR APPROVED EQUAL, 32 INCH OPENING, CAST IRON, H20 LOADING.

SEWER MANHOLE COVER DETAIL
NOT TO SCALE

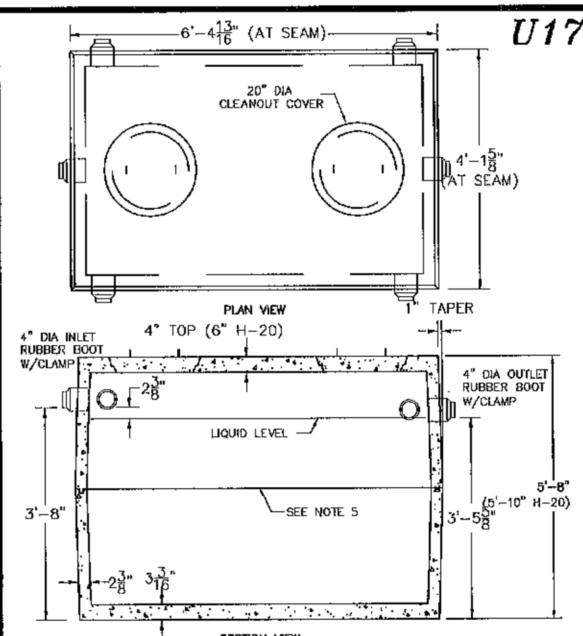
U16



NOTE:
1. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS.
2. NEW ROADWAY CONSTRUCTION SHALL CONFORM TO SUBDIVISION SPEC'S.
3. ANTI-SEEP COLLARS OR CLAY CHECK DAMS ON STEEP RUNS IN WET CONDITIONS.
4. ALL SEWER INSTALLATIONS SHALL CONFORM TO THE REQUIREMENTS OF NHDES & MUNICIPAL DPW SEWER DIVISION STANDARDS. ALL PVC SEWER PIPE IS TO CONFORM WITH ENV-WQ 704.05 (c)-(e) AND CONFORM WITH ASTM D3034. PVC JOINT SEALS SHALL CONFORM WITH ASTM D3121. SDR-21 PVC FORCE MAIN PIPE MATERIAL IS REQUIRED IN LOCATIONS AS SHOWN. SDR-21 PVC FORCEMAIN PIPE WILL CONFORM TO ENV-WQ 704.08.

TYPICAL SEWER PIPE TRENCH
NOT TO SCALE

U17

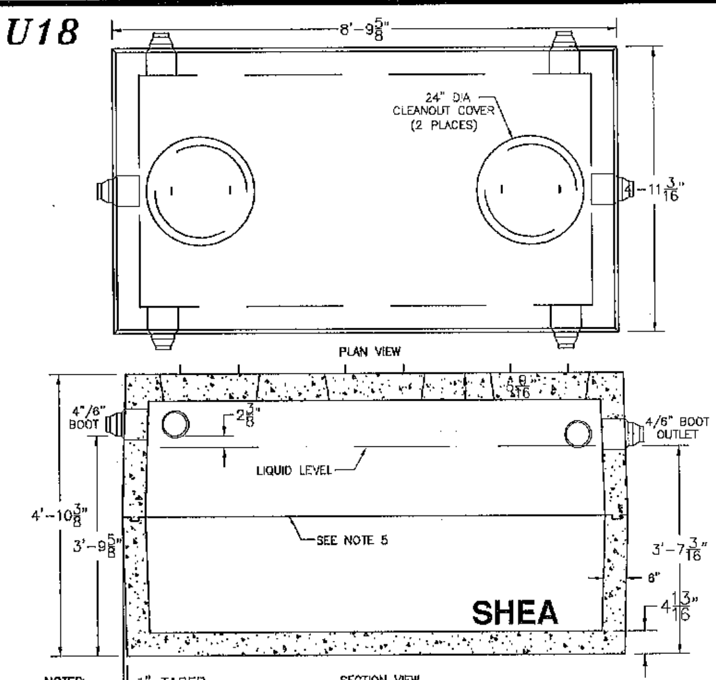


NOTES:
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. CONSTRUCTION OF SEPTIC TANK CONFORMS WITH DEP TITLE 5 REGS, 310 CMR, SECTION 15.228.
3. ALL REINFORCEMENT PER ASTM C1227.
4. TEES AND GAS BAFFLE SOLD SEPARATELY.
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. IF COVER EXCEEDS 4 FEET, HEAVY DUTY TANK REQUIRED. ALSO AVAILABLE IN AASHTO HS-20 LOADING.

1,000 GALLON SEPTIC TANK
NOT TO SCALE
SEE DETAIL U24

NOTE: 30" RISER TO SURFACE WITH SMH FRAME AND GRATE REQUIRED

U18



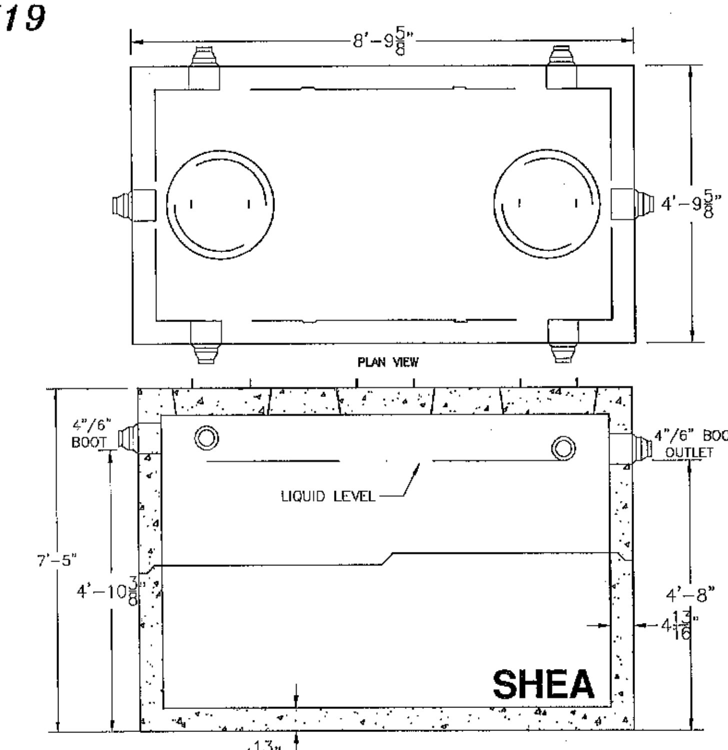
NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN CONFORMS WITH 310 CMR 15.00, DEP TITLE 5 REGS, FOR SEPTIC TANKS.
3. ALL REINFORCEMENT PER ASTM C1227
4. DESIGNED FOR AASHTO HS-20 LOADING, COVER 1-5 FT
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. TEES AND BAFFLES SOLD SEPARATELY.

	WEIGHT	TOP	BOTTOM
ITEM NO. TK 1500	22,000#	1,500#	10,500#
TK-1500020	23,270#	2,700#	11,100#

1,500 GALLON SEPTIC TANK
NOT TO SCALE
SEE DETAIL U24

NOTE: 30" RISER TO SURFACE WITH SMH FRAME AND GRATE REQUIRED

U19



NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN CONFORMS WITH 310 CMR 15.00, DEP TITLE 5 REGS, FOR SEPTIC TANKS.
3. ALL REINFORCEMENT PER ASTM C1227
4. DESIGNED FOR AASHTO HS-20 LOADING, COVER 1-5 FT
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. TEES AND BAFFLES SOLD SEPARATELY.

	WEIGHT	TOP	BOTTOM
ITEM NO. TK-2000	[illegible]	3,075#	[illegible]
TK-2000020	27,340#	4,515#	2,825#

2,000 GALLON SEPTIC TANK
NOT TO SCALE
SEE DETAIL U24

NOTE: 30" RISER TO SURFACE WITH SMH FRAME AND GRATE REQUIRED

PLANNING BOARD
BARRINGTON NH
APPROVED
File Number 238-16-V-20 Commer/DR
Date 4/6/2021
Chairman

FOR TOWN APPROVAL PURPOSES :

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

U-102

REVISION	DATE	DESCRIPTION
#6	1-8-21	REVISED PER NHDOT RFMI COMMENT
#5	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-23-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DB&K COMMENT

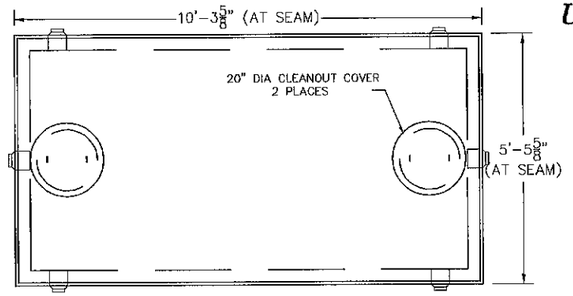
UTILITY DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

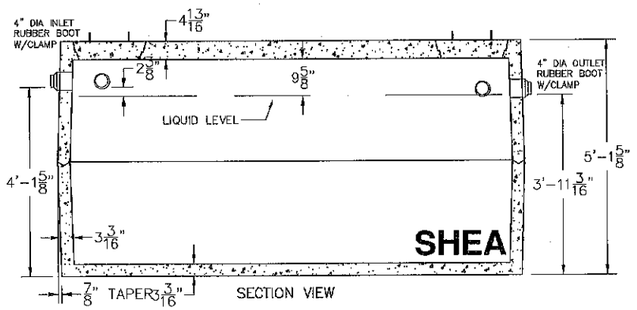
SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14241
LICENSED
PROFESSIONAL ENGINEER

U20



PLAN VIEW



SECTION VIEW

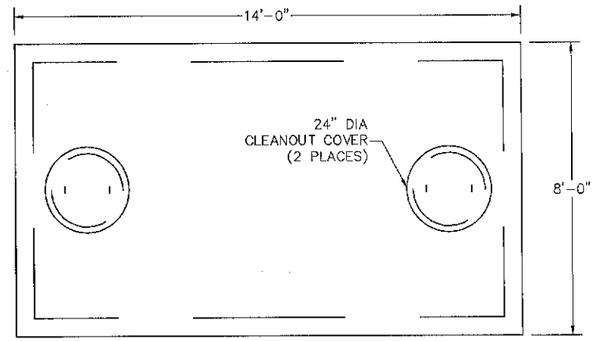
2,500 GALLON SEPTIC TANK

NOT TO SCALE
SEE DETAIL U24

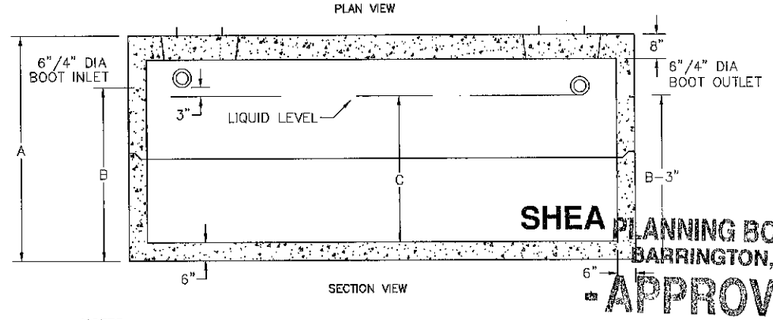
NOTE: 30" RISER TO SURFACE WITH SMH FRAME AND GRATE REQUIRED

NOTES:
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. CONSTRUCTION OF SEPTIC TANK CONFORMS WITH 310 CMR, SECTION 15.00 DEP TITLE 5 REGS.
3. ALL REINFORCEMENT PER ASTM C1227.
4. TEES AND GAS BAFFLE SOLD SEPARATELY.
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. IF COVER EXCEEDS 4 FEET, HEAVY DUTY TANK REQUIRED. ALSO AVAILABLE IN AASHTO HS-20 LOADING.

U21



PLAN VIEW



SECTION VIEW

NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN CONFORMS WITH 310 CMR 15.00, DEP TITLE 5 REGS, FOR SEPTIC TANKS.
3. ALL REINFORCEMENT PER ASTM C1227.
4. DESIGNED FOR AASHTO HS-20 LOADING, 1 TO 5 FT COVER.
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN
6. TEES AND BAFFLES SOLD SEPARATELY
7. OPTIONAL BAFFLE WALL HELD IN PLACE WITH ANGLE BRACKETS

SINGLE COMPARTMENT TANK

GALLONS	A (HEIGHT)	B (INLET) 6" BOOT	B (INLET) 4" BOOT	C (LIQUID)	WEIGHT (LBS)	ITEM NO.	SIZE TOP	WEIGHT TOP	SIZE BOTTOM	WEIGHT BOTTOM
3,000	83"	66"	67"	57"	36,710	8X14-30	42"	19,455	41"	17,255
3,500	93"	77"	78"	68"	39,250	8X14-35	42"	19,455	51"	19,795
4,000	103"	86"	87"	77"	41,535	8X14-40	52"	21,740	51"	19,795

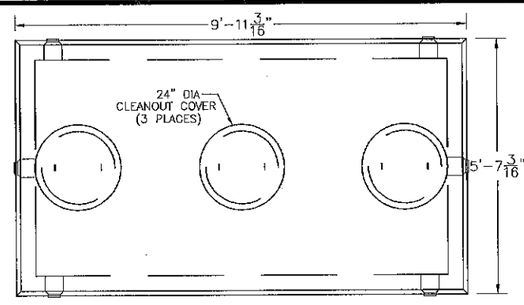
4,000 GALLON SEPTIC TANK

NOT TO SCALE
SEE DETAIL U24

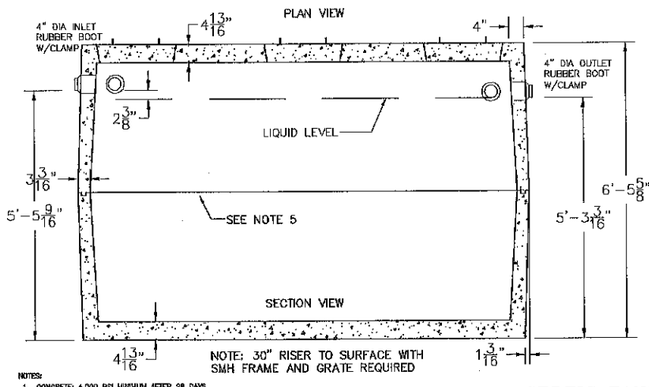
NOTE: 30" RISER TO SURFACE WITH SMH FRAME AND GRATE REQUIRED

PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-24
Date 4/6/2021
Chairman

U22



PLAN VIEW



SECTION VIEW

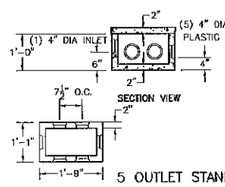
NOTE: 30" RISER TO SURFACE WITH SMH FRAME AND GRATE REQUIRED

NOTES:
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN CONFORMS WITH 310 CMR, SECTION 15.00 DEP TITLE 5 REGS FOR SEPTIC TANKS
4. ALL REINFORCEMENT PER ASTM C1227.TEES AND GAS BAFFLE SOLD SEPARATELY.
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. DESIGNED FOR 1 TO 5 FEET COVER. ALSO AVAILABLE IN AASHTO HS-20 LOADING.

3,000 GALLON SEPTIC TANK

NOT TO SCALE
SEE DETAIL U24

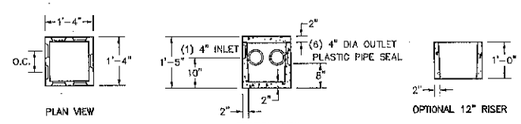
U23



SECTION VIEW

PLAN VIEW

5 OUTLET STANDARD



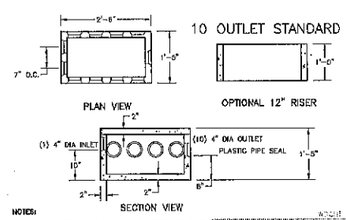
PLAN VIEW

SECTION VIEW

OPTIONAL 12" RISER

6 OUTLET STANDARD

ITEM NO.	DESCRIPTION	WEIGHT
6OS	6 OUTLET STD.	[illegible]
6OSR	6 OUTLET STD. W/ RISER	[illegible]



PLAN VIEW

OPTIONAL 12" RISER

SECTION VIEW

10 OUTLET STANDARD

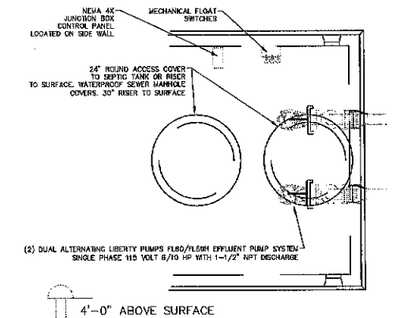
NOTES:
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN CONFORMS WITH 310 CMR 15.00, DEP TITLE 5 REGS, FOR DISTRIBUTION BOXES.

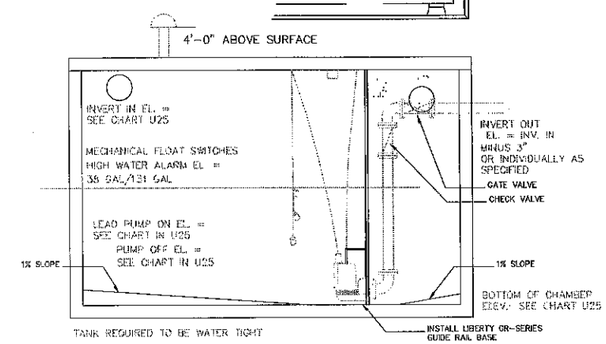
ITEM NO.	DESCRIPTION	WEIGHT
10OS	10 OUTLET STD.	[illegible]
10OSR	10 OUTLET STD. W/ RISER	[illegible]

DISTRIBUTION BOXES

NOT TO SCALE

U24





NOTES:
1. THE BOTTOM OF THE PUMP CHAMBER WILL BE SLOPED AT A 1% SLOPE IN ALL DIRECTIONS CREATING A SUMP AROUND THE BASE OF THE PUMP. THE LIFT STATION WILL BE EQUIPPED WITH A CR20 GUIDE RAIL BASE AND RAIL SYSTEM AND LIFT CHAIN. THE PUMP DISCHARGE WILL BE EQUIPPED WITH A CHECK VALVE AND A GATE VALVE BETWEEN THE PUMP AND THE TANK WALL, IN THAT ORDER. THE DISCHARGE WILL LEAVE THE TANK AT A POINT FOUR-FEET BELOW GRADE, INSULATED OR SIX-FEET IF UNDER PAVEMENT, AND THE FORCE MAIN WILL BE DESIGNED UP-HILL TO THE IN-LINE CHECK VALVE.
2. [illegible] SEPTIC TANK SHALL BE LEAK TESTED USING METHOD ACI 350.1 METHOD HST-NML.
3. SUBMERSIBLE PUMPS AND ALL OTHER ELECTRICAL SYSTEMS/COMPONENTS IN THE WET WELL/SEPTIC TANK SHALL MEET NEC REQUIREMENTS FOR CLASS I, DIVISION I ENVIRONMENT.
4. POWER SOURCE FOR ALARM SYSTEM SHALL BE AN INDEPENDENT BATTERY WITH CONTINUOUS CHARGE, OR MAIN LINE POWER WITH BACK UP BATTERY SYSTEM.

PUMP CHAMBER & PUMP DETAILS

NOT TO SCALE

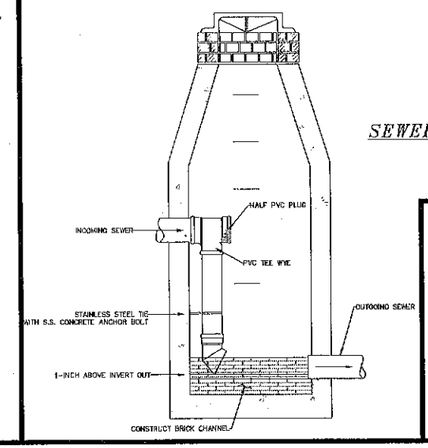
U25

PUMP CHART

EDA #	TOTAL DYNAMIC HEAD	PUMP RATE	2" F.M.	PUMP CHAMBER BOTTOM	PUMP CHAMBER INVERT IN	PUMP OFF ELEVATION	PUMP ON ELEVATION	ALARM ON ELEVATION	FLOW (GPD)
2	67.2'	27.8 GPM	112.5'	209.18'	213.43'	210.68'	211.02'	211.12'	3,000
3	59.2'	12.6 GPM	81.6'	206.05'	210.30'	207.55'	207.89'	207.79'	900

DESIGNERS NOTE: SEE THE FORCE MAIN PROFILE ON THE UTILITIES PLAN. ALL UNITS WILL UTILIZE A LIBERTY PUMPS FL60/FL50H SERIES 6/10 HP SUBMERSIBLE EFFLUENT PUMP, OR APPROVED EQUAL. SEE EDA PLANS FOR CONTROL PANEL SPECIFICATIONS. ALL PANELS MUST BE EQUIPPED WITH ALARM BELL AND FLASHER. IT IS HIGHLY RECOMMENDED THAT A GENERATOR HOOKUP BE AVAILABLE FOR EMERGENCY POWER SUPPLY.

U26



SEWER DROP INLET

NOT TO SCALE

FOR TOWN APPROVAL PURPOSES :

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

U-103

REVISION	DATE	DESCRIPTION
#5	1-8-21	REVISED PER NHDOT RFMI COMMENT
#4	10-27-20	REVISED PER AoT RFMI COMMENT
#4A	9-25-20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10-30-19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10-14-19	REVISED PER AoT APPLICATION
#1	9-25-19	REVISED PER DES&K COMMENT

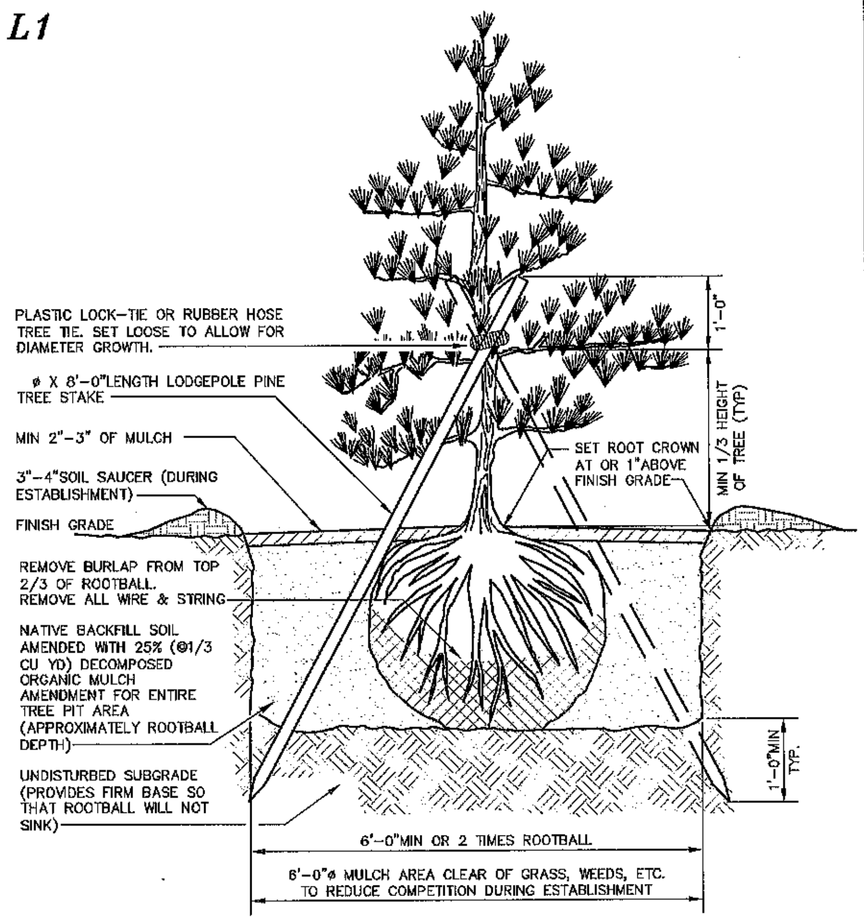
UTILITY DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 - 075

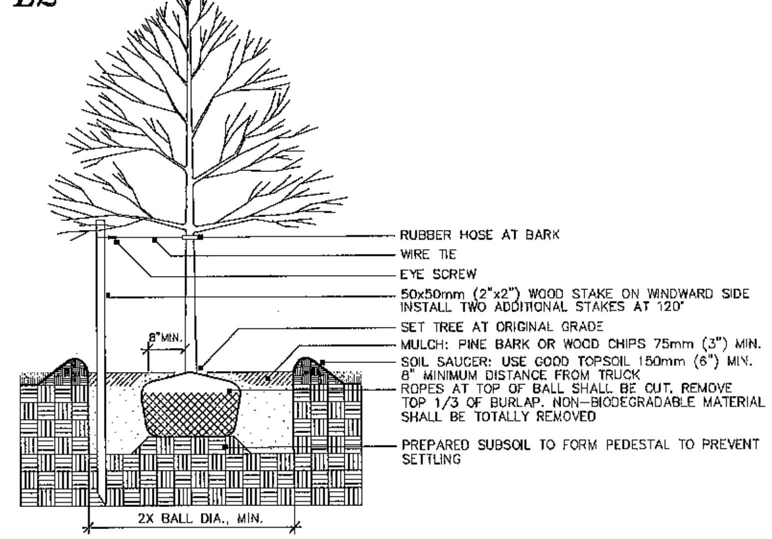
STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

L1



CONIFERIOUS TREE PLANTING
NOT TO SCALE

L2



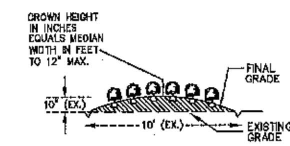
DECIDUOUS TREE PLANTING
NOT TO SCALE

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

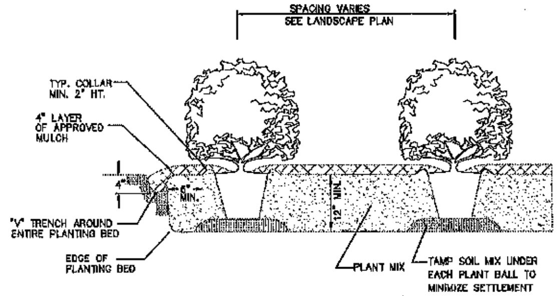
L3

NOTES:

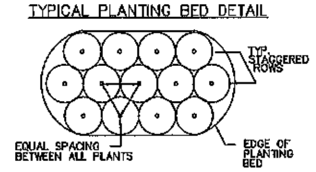
1. SCARIFY ROOT MASS OF CONTAINERIZED PLANT MATERIAL.
2. INSTALL CONTAINERIZED PLANTS AT FINSHED GRADE
3. TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
4. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
5. SOAK EACH PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.



TYPICAL BED CROWNING



TYPICAL PLANTING BED DETAIL

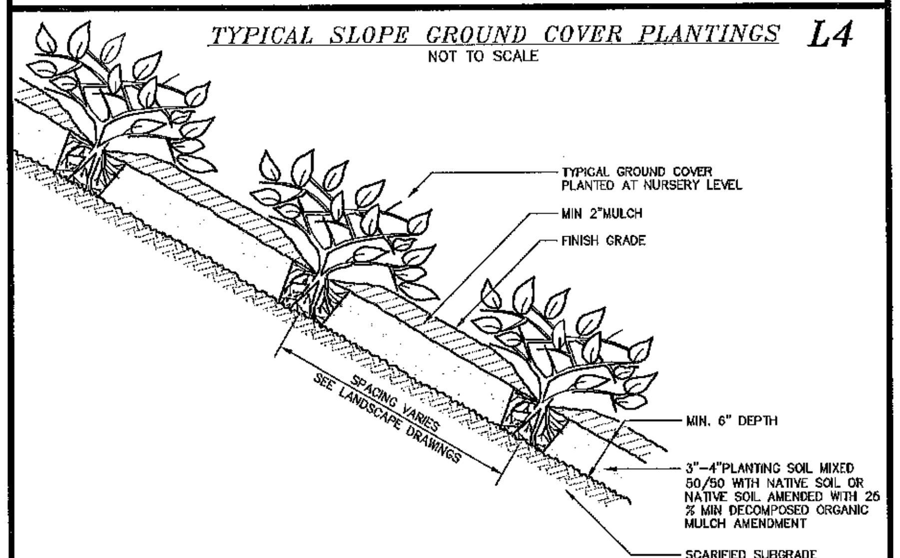


TYPICAL PLANTING BED PLAN

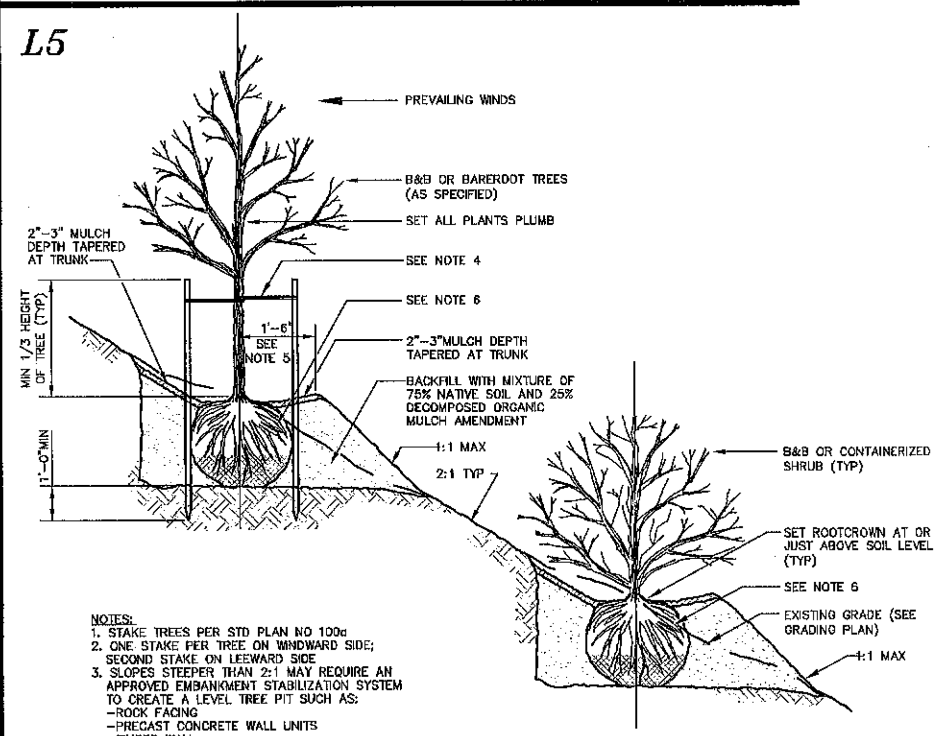
SHRUB & HEDGE PLANTING
NOT TO SCALE

L4

TYPICAL SLOPE GROUND COVER PLANTINGS
NOT TO SCALE



L5



NOTES:
1. STAKE TREES PER STD PLAN NO 100d
2. ONE STAKE PER TREE ON WINDWARD SIDE; SECOND STAKE ON LEEWARD SIDE
3. SLOPES STEEPER THAN 2:1 MAY REQUIRE AN APPROVED EMBANKMENT STABILIZATION SYSTEM TO CREATE A LEVEL TREE PIT SUCH AS:
   - –ROCK FACING
   - –PRECAST CONCRETE WALL UNITS
   - –TIMBER WALL
   - –MANUFACTURED SLOPE RETENTION UNITS
4. CHAINLOCK TREE TIE. LOOP EACH TIE AROUND TREE LOOSELY TO PROVIDE 1" SLACK FOR DIAMETER GROWTH.
5. SHAPE SOIL TO PROVIDE 3' DIAMETER OR ROOTBALL DIAMETER, WHICHEVER IS GREATER, WATERING RING.
6. REMOVE ALL WIRE AND STRING. REMOVE TOP 2/3 OF BURLAP.

TREE PLANTING ON SLOPES
NOT TO SCALE

L6

NOTES:

1.) CALL DIG SAFE PRIOR TO BEGINNING WORK. (1–888–344–7233). THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF THE SAME BEFORE COMMENCING AND DIGGING OPERATIONS. THE LANDSCAPE CONTRACTOR SHALL REPLACE OR REPAIR UTILITIES, PAVING, WALKS, CURBING, ETC DAMAGED IN PERFORMANCE OF THIS JOB AT NO ADDITIONAL COST TO THE OWNER OR GENERAL CONTRACTOR.

2.) CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL SITE CONDITIONS PRIOR TO CONSTRUCTION BIDDING.

3.) PROVIDED SMOOTH TRANSITION WHERE NEW WORK MEETS EXISTING CONDITIONS.

4.) ALL PLANT MATERIAL INSTALLED SHALL MEET THE SPECIFICATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

5.) ALL PLANT MATERIALS SHALL BE FREE FROM INSECTS AND DISEASE.

6.) ALL PLANTINGS SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING MIX, PLANT BED AND TREE PIT PREPARATION, PRUNING STAKING OR GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE FROM OWNER.

7.) ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.

8.) THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING AND NEWLY PLANTED TREES AND SHRUBS DURING THE CONSTRUCTION PROCESS. WHERE REQUIRED, THE CONTRACTOR SHALL INSTALL TEMPORARY FENCING (SNOW OR EQUAL) AROUND EXISTING TREES AND SHRUBS THAT COULD BE IMPACTED BY THE CONSTRUCTION PROCESS. STORAGE OF CONSTRUCTION EQUIPMENT, CONSTRUCTION MATERIALS, SNOW STORAGE AND OR VEHICLE PARKING SHALL NOT BE PERMITTED WITHIN THE DRIP LINE OF TREES OR TWENTY FEET WHICH EVER IS GREATER.

9.) NEW PLANTINGS SHALL BE INSTALLED PER PROJECT DRAWINGS AND SPECIFICATION THAT INCLUDE FERTILIZATION AND MULCHING AS REQUIRED.

10.) ALL SHRUB BEDS AND TREE PITS SHALL BE MULCHED WITH 3" CLEAN SHREDDED BLACK MULCH.

11.) WHERE INDICATED ON PLAN, PLANTING SOIL MIXTURE FOR GROUND COVER AND PERENNIAL BED AREAS SHALL CONSIST OF FOUR PARTS TOPSOIL, TWO PARTS SPHAGNUM PEAT MOSS, AND ONE PART HORTICULTURAL PERLITE BY VOLUME. PEAT MOSS MAY BE SUBSTITUTED WITH WELL–ROTTED OR DEHYDRATED MANURE OR COMPOST. ROTOTILL BEDS TO A DEPTH OF 8 INCHES.

12.) MAINTENANCE OF NEW PLANTINGS AND LAWNS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND OR LANDSCAPE SUBCONTRACTOR UNTIL ACCEPTANCE BY THE OWNER. RESPONSIBILITIES SHALL INCLUDE WATERING WEEDING AND MOWING AS NECESSARY. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE, REPLACEMENT MATERIAL SHALL BE GUARANTEED FOR AND ADDITIONAL YEAR FROM TIME OF INSTALLATION.

13.) THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY EROSION CONTROL MEASURES DURING THE CONSTRUCTION PHASE AND UNTIL ALL AREAS HAVE BEEN STABILIZED AND ACCEPTED BY THE OWNER. THE GENERAL CONTRACTOR SHALL PROVIDE WEEKLY INSPECTIONS OF EROSION MEASURE AND IMMEDIATELY AFTER STORM EVENTS AND REPAIR AS NECESSARY.

14.) THE GENERAL CONTRACTOR AND OR THE LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL THREE GUYING MATERIAL ONCE PLANT MATERIAL HAS BEEN ESTABLISHED. (MINIMUM OF ONE GROWING SEASON). ALL TEMPORARY EROSION CONTROL MEASURE SHALL BE REMOVED ONCE STABILIZATION OF DISTURBANCE HAS BEEN ACCEPTED BY OWNER.

15.) THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR A MINIMUM OF TWO MOWINGS FOR ALL TURF AREAS OR UNTIL ACCEPTANCE BY THE OWNER. A MINIMUM UNIFORM 75% CATCH OF TURF IS REQUIRED FOR ACCEPTANCE.

16.) ALL PLANTINGS SHALL BE WATERED REGULARLY DURING THEIR FIRST YEAR AND MAINTAINED PERMANENTLY IN GOOD GROWING CONDITION AS AN EFFECTIVE VISUAL SCREEN.

17.) SHRUBS OR TREES WHICH DIE SHALL BE REPLACED WITHIN ONE GROWING SEASON WITH NEW SHRUBS OR TREES TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE LANDSCAPING REQUIREMENTS.

18.) ALL REQUIRED LANDSCAPING SHALL BE INSTALLED BEFORE OCCUPANCY, OR WITHIN SIX MONTHS IF OCCUPANCY OCCURS DURING WINTER CONDITIONS.

19.) TREES ARE TO BE 2–2.5" CALIPER 6" OFF THE ROOT BALL.

20.) ALL PLANT STOCK SHALL CONFORM TO ANSI Z260.1 – NURSERY STOCK, LATEST EDITIONS (AMERICAN ASSOCIATION OF NURSERYMEN, INC.)

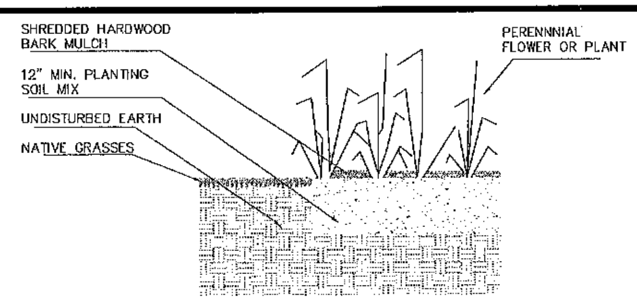
21.) 4" AGED PINEBARK MULCH AND A WEED BARRIER (TY–PAR FABRIC OR APPROVED EQUAL) SHALL BE APPLIED TO ALL SHRUB AND GROUND COVER BEDS. INSTALL WEED BARRIER AS PER MANUFACTURERS RECOMMENDATIONS.

22.) PLANT–PIT BACK–FILL SHALL BE MIXED AT A RATE OF 3 PARTS OF TOPSOIL TO 2 PARTS OF DEHYDRATED COW MANURE. SLOW RELEASE FERTILIZER SHALL BE APPLIED AS PER MANUFACTURERS RECOMMENDATIONS. USE EXISTING ON–SITE TOPSOIL AS PART OF BACK FILL WHEN AVAILABLE.

23.) ALL LANDSCAPED AREAS NOT PLANTED WITH TREES, SHRUBS OR GROUNDCOVER SHALL BE RESTORED WITH SEED OR SOD AS INDICATED ON PLANS.

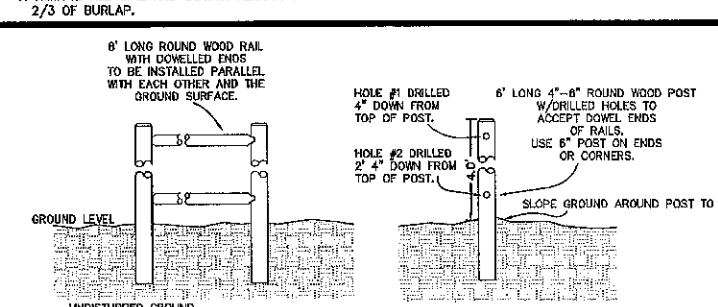
PLANNING BOARD
BARRINGTON, NH
APPROVED
File Number 238-16-V-20-Amend SP
Date 4/6/2021
Chairman

L7



PERENNIAL PLANTING DETAIL
NOT TO SCALE

L8



TYPICAL POST & RAIL FENCE DETAIL
NOT TO SCALE

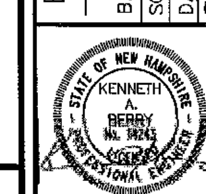
REVISION	DATE	DESCRIPTION
#6	1–8–21	REVISED PER NHDOT RFMI COMMENT
#5	10–27–20	REVISED PER AoT RFMI COMMENT
#4A	9–23–20	MAJOR REVISIONS PER CLIENT REQUEST
#3	10–30–19	REVISED PER BARRINGTON PLANNING BOARD COMMENT
#2	10–14–19	REVISED PER AoT APPLICATION
#1	9–25–19	REVISED PER DB&K COMMENT

LANDSCAPING CONSTRUCTION DETAILS

COMPOSITE DETAILS
LAND OF
DREW POND, LLC
N.H. ROUTE 9 / FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH
TAX MAP 238 LOT 16

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

SCALE : AS NOTED
DATE : MARCH 26, 2019
FILE NO. : DB 2017 – 075



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SHEET 56 OF 56