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MINOR SITE PLAN FOR NANA'S DREAM, LLC DBA BELLAVISO SALON & SPA 643 FRANKLIN PIERCE HIGHWAY BARRINGTON, N.H. TAX MAP 239, LOT 1

OWNER: PETER R. & SARAH M. WARD
643 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825

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

APPLICANT: NANA'S DREAM LLC
DBA BELLAVISO SALON & SPA
P.O. BOX 911
DOVER, NH 03821

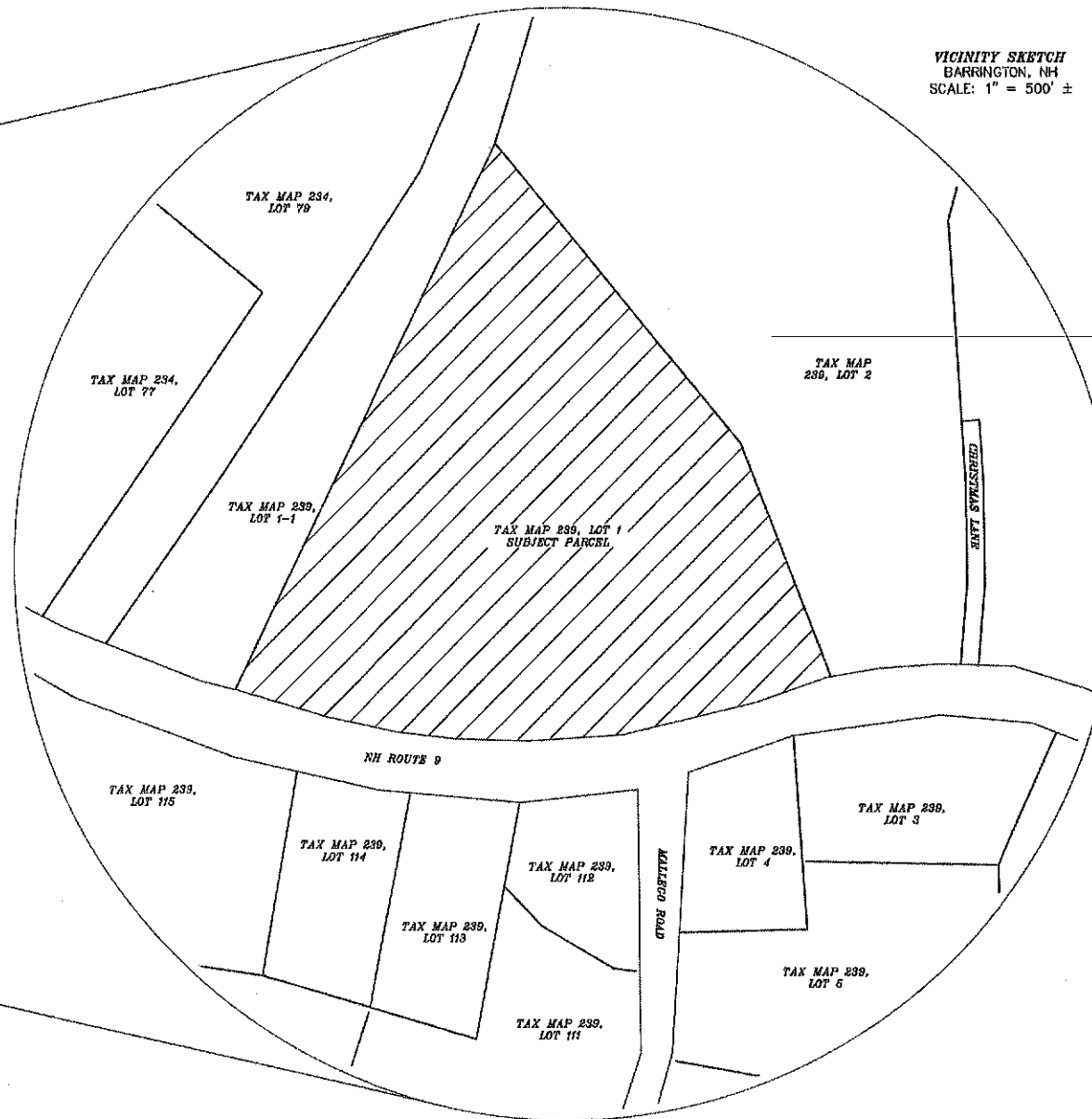
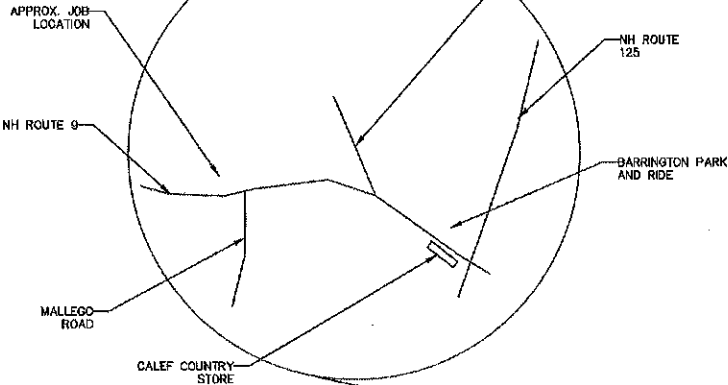
Conducting

SURVEYOR OF RECORD: DAVID W. VINCENT, LLS
P.O. BOX 1622
DOVER, NH 03821
(603) 684-5786

WETLAND SCIENTIST: MISSION WETLAND & ECOLOGICAL SERVICES LLC
SERGIO BONILLA, CWS 261
P.O. BOX 4028
PORTSMOUTH, NH 03801
(603) 361-3204

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

LOCATION PLAN
BARRINGTON, NH
NOT TO SCALE



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

FOR TOWN APPROVAL PROPOSES:
File Number **239-1-TC-19-SR**

Date **3/2/2020**

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.

REQUIRED PERMITS:

- 1.) NHDOT PERMIT: APPROVED 06-027-562
- 2.) NHDES SUBSURFACE SEPTIC: #0CA2020021919
- 3.) 9.6 SPECIAL PERMIT: APPROVED 239-1-TC-19-SR (NOVEMBER 6, 2019)

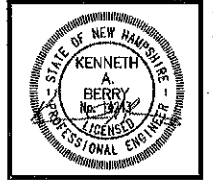
GENERAL PLAN SET NOTES:

- 1.) 11x17" PLANS ARE HALF THE PUBLISHED SCALE.

#	REVISION	DATE	DESCRIPTION
1		2-19-20	REVISED PER NOTICE OF DECISION

MINOR SITE PLAN
FOR
BELLAVISO SALON & SPA
LAND OF
PETER R. & SARAH M. WARD
643 FRANKLIN PIERCE HIGHWAY
BARRINGTON, N.H. 03825
TAX MAP 239, LOT 1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603) 332-2863
SCALE : AS SHOWN
DATE : OCTOBER 13, 2019
FILE NO. : DB 2019 - 129



ABBREVIATION LEGEND:

- E.O.G. EDGE OF GRAVEL
- BITUM. BITUMINOUS
- E.O.P. EDGE OF PAVEMENT
- TYP. TYPICAL
- U.D. UNDER DRAIN
- C.O. CLEAN OUT
- INV. INVERT
- ELEV. ELEVATION
- RECB. ROLLED EROSION CONTROL BLANKET
- F.G. FINISHED GRADE
- E.G. EXISTING GRADE
- T.B.R. TO BE REMOVED
- PL. PROPERTY LINE
- EL. EASEMENT LINE
- CF. CUBIC FEET
- EX. EXISTING
- PROP. PROPOSED
- '/'. FEET / FEET
- SSL () ~ (SIZE) SINGLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)
- DSSL () ~ (SIZE) DOUBLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)
- SSB () ~ (SIZE) SINGLE SOLID W/ BROKEN LINE (COLOR W=WHITE, Y=YELLOW)
- SBL () ~ (SIZE) SINGLE BROKEN LINE (COLOR W=WHITE, Y=YELLOW)
- DBL () ~ (SIZE) DOUBLE BROKEN LINE (COLOR W=WHITE, Y=YELLOW)

EXISTING LEGEND:

- DRILL HOLE (FND) ~ EXISTING CONDITIONS PLAN
- IRON ROAD (FND) ~ EXISTING CONDITIONS PLAN
- UTILITY POLE / GUY WIRE
- ⊥ SINGLE POST SIGN
- BUILDING SETBACK LINE
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- STONE WALL ~ EXISTING CONDITIONS PLAN
- CULVERT ~ EXISTING CONDITIONS PLAN

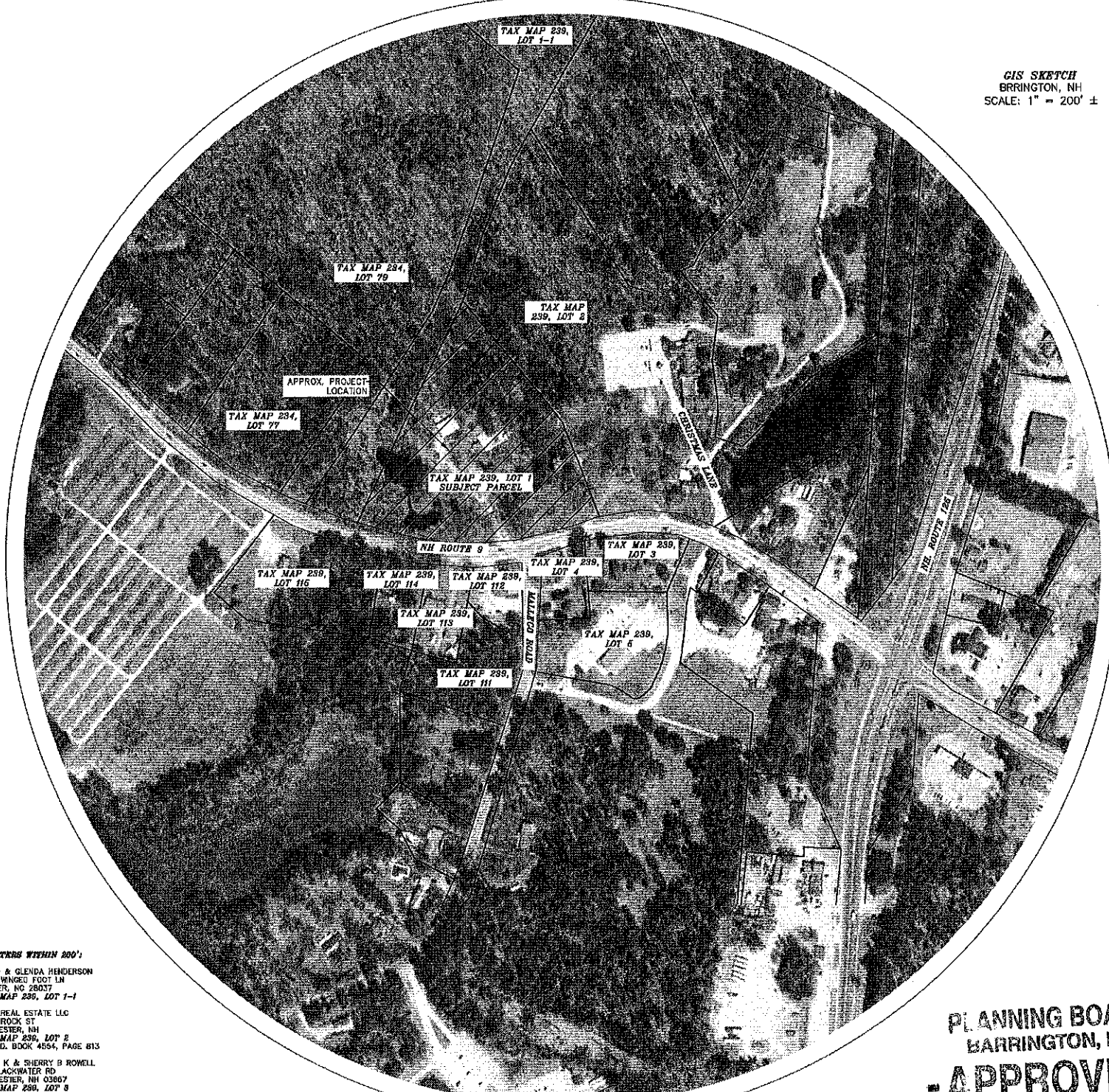
PROPOSED LEGEND:

- ⊙ LIGHTING
- ⊙ PROPOSED SPOT ELEVATION
- U.D. --- PROPOSED UNDERDRAIN
- C.M. --- PROPOSED CONTOUR MINOR
- C.M. --- PROPOSED CONTOUR MAJOR
- SS --- SS --- SS --- FILTREXX SILT SOXX (8" or 12" AS NOTED)
- O --- O --- O --- ORANGE CONSTRUCTION PERIMETER FENCE
- ⊥ RIP RAP
- ⊥ RAIN GARDEN
- ⊥ BERM

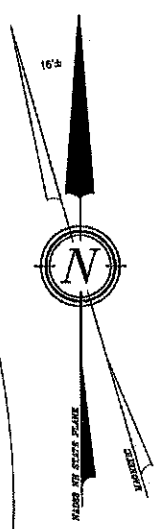
ADJUTERS WITHIN 200':

- DAVID & GLENDA HENDERSON
1273 WINGED FOOT LN
DENVER, NC 28037
TAX MAP 239, LOT 1-1
- 1962 REAL ESTATE LLC
133 BROOK ST
ROCHESTER, NH
TAX MAP 239, LOT 2
S.C.R.D. BOOK 4594, PAGE 813
- MARK K & SHERRY B ROWELL
74 BLACKWATER RD
ROCHESTER, NH 03867
TAX MAP 239, LOT 3
S.C.R.D. BOOK 4582, PAGE 234
- VICTORIA J & NATHANIEL T LEAMITT
30 RIVERSIDE FARM DR. APT B
LEE, NH 03891
TAX MAP 239, LOT 4
S.C.R.D. BOOK 4485, PAGE 278
- KM P & DEBRA S BROOKS
27 STILLWATER WAY
BARRINGTON, NH 03825
TAX MAP 239, LOT 112
S.C.R.D. BOOK, 2205, PAGE 72
- KJOSHUA J LEONE
MARY H ZELIG
504 FRANKLIN PIERCE HWY
TAX MAP 239, LOT 114
S.C.R.D. BOOK, 4144, PAGE 3
- BARRINGTON HISTORICAL SOCIETY
82 MICHUADO DR
BARRINGTON, NH 03825
TAX MAP 239, LOT 115

SIGN ID NUMBER	SIGN SIZE (WIDTH x HEIGHT)	SIGN	TEXT DIMENSIONS	NO. OF SIGNS	BACKGROUND	LEGEND	BORDER	POST SIZE & QUANTITY
R1-1	30"x30"	STOP	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	1	RED	WHITE	WHITE	SQUARE (1)
R7-8	12"x18"	RESERVED PARKING	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	1	WHITE	GREEN W/ WHITE SYMBOL ON BLUE	RED	SQUARE (1)
R7-8a	12"x6"	VEH. ACCESSIBLE	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	1	WHITE	GREEN	GREEN	SQUARE (0)
R8-31	12"x18"	NO PARKING	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	2	WHITE	RED	RED	SQUARE (0)
R8-31	12"x18"	NO PARKING	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	3	WHITE	RED	RED	SQUARE (3)



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



REVISION	DATE	DESCRIPTION
#1	2-19-20	REVISED PER NOTICE OF DECISION

NEIGHBORHOOD PLAN FOR BELLAVISO SALON & SPA
PETER R. & SARAH M. WARD
64-3 FRANKLIN PIERCE HIGHWAY
BARRINGTON, N.H. 03825
TAX MAP 239, LOT 7

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 239-1-TC-19-SR
Date 3/2/2020
Chairman [Signature]

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.

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : AS SHOWN
DATE : OCTOBER 13, 2019
FILE NO. : DB 2019 - 129

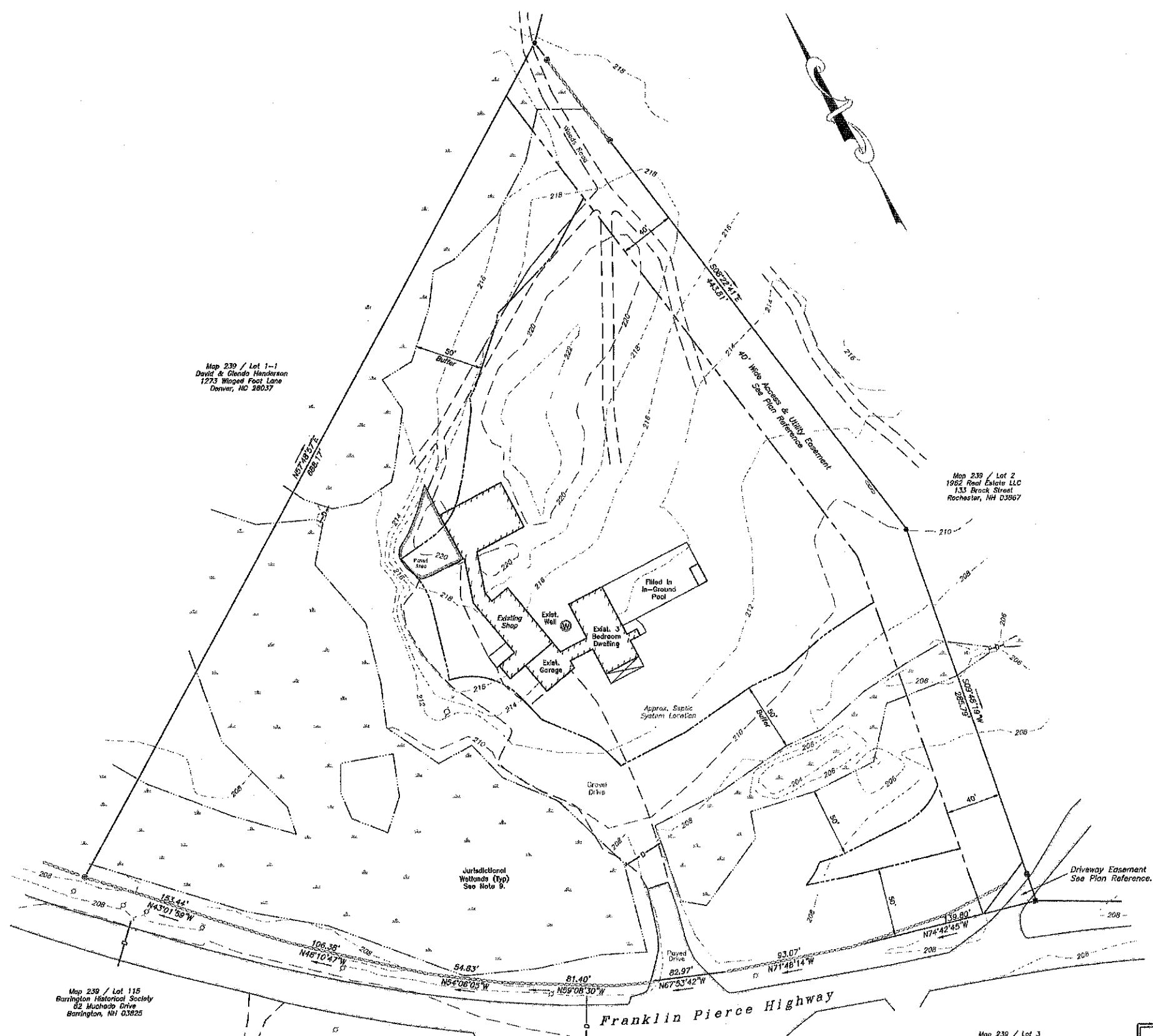
SHEET 1 OF 10

- Legend:**
- Culvert
 - Drill Hole Found
 - Iron Red Found
 - ⊕ Utility Pole
 - Stone Wall

Plan Reference:
 "Subdivision Plan Prepared for David R. & Glenda J. Henderson, Barrington, NH" dated Sept. 21, 2005, rev. 5/11/06, prepared by this office, SCRD Plan 87-37.



- Notes:**
- 1.) The purpose of this plan is to depict the existing conditions of the subject property.
 - 2.) Parcel is shown as Lot 1 on the Town of Barrington Assessor's Map 239.
 - 3.) Parcel is located in the Town Center Zoning District.
 - 4.) Owner of Records: Peter R. & Sarah M. Word
643 Franklin Pierce Highway
Barrington, NH 03825
SCRD BK 3521, Pg 922
Applicant: Hana's Dream LLC
d/b/a Bellaviso Salon & Spa
PO Box 811
Dover, NH 03821
603-312-2026
 - 5.) This plan does not show any unrecorded or unwritten easements which may exist. A reasonable and diligent attempt has been made to observe any apparent, visible uses of the land; however this does not constitute that no such easements exist.
 - 6.) Parcel is not located in a Flood Hazard Zone as depicted on Flood Insurance Rate Map, No. 33017C0285D & No. 33017C0305E, Strafford County, NH, (All Jurisdictions), Map Revised: September 30, 2015.
 - 7.) Total Lot Area: Existing Lot Area -- 6.03 Acres
 - 8.) The licensed septic designer of this proposed subsurface septic system does not warrant or guarantee the location of utilities shown or not shown on this plan. Pursuant to New Hampshire Statute RSA 374, Sections 47-56, the contractor, prior to the commencement of any construction, shall verify the location of all utilities and contact "DigSafe" at 1-800-344-7233 or dial 811.
 - 9.) The wetland boundaries shown hereon were field delineated July 26, 2019, by Sergio Bonilla, NH Certified Wetland Scientist 261 of Mission Wetland & Ecological Services, LLC, Portsmouth, NH. The wetland boundaries were identified in accordance with the town's wetland definition, which references the Corps of Engineers 1987 Wetland Delineation Manual. The delineated line also contains all wetlands as defined by the State of New Hampshire, which uses the technical criteria in the Regional Supplement to the Corps of Engineers Wetland Delineation Manual, Northeastern and Northcentral Region. The soil component was classified using the Field Indicators of Hydric Soils in the United States and the Field Indicators for Identifying Hydric Soils in New England. The wetland status of plants were determined using the National List of Plant Species that Occur in Wetlands: Northeast (Region 1).
 - 10.) Vertical Datum: USGS 1928.



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

File Number 239-1-TC-19-SR
 Date 3/2/2020
 Chairman [Signature]

EXISTING CONDITIONS PLAN
 PREPARED FOR
BELLAVISO SALON & SPA
 OF
TAX MAP 239 / LOT 1
 LOCATED AT
643 FRANKLIN PIERCE HIGHWAY
 COUNTY OF STRAFFORD
BARRINGTON, NH



SCALE: 1" = 40' DATE: OCTOBER 14, 2019

DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
 PO BOX 1622
 DOVER, NH 03821
 TEL: (603) 684-5786
 www.landsurveyingservices.net



NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1			



ZONING REQUIREMENTS

ZONE	TOWN CENTER
LOT AREA MIN.	20,000 FT.
LOT FRONTAGE	40 FT.
FRONT YARD	50 FT.
SIDE & REAR YARD	15 FT.
WETLANDS BUFFER	50 FT.
MAX. BUILDING HEIGHT	40 FT.
MAX. LOT COVERAGE	80%

IMPERVIOUS COVER:
 EXISTING BUILDING IMPERVIOUS AREA: 6,189 Sq. Ft. (2.3%)
 EXISTING IMPERVIOUS AREA: 15,899 Sq. Ft. (6.1%)
 TOTAL EXISTING IMPERVIOUS COVER: 22,088 Sq. Ft. (8.4%)
 PROPOSED BUILDING IMPERVIOUS AREA: 6,199 Sq. Ft. (2.3%)
 PROPOSED PAVED IMPERVIOUS AREA: 23,084 Sq. Ft. (8.8%)
 TOTAL PROPOSED IMPERVIOUS COVER IS 29,283 Sq. Ft. (11.3%)

**PLANNING BOARD
 BARRINGTON, NH**

- APPROVED -
 FOR TOWN APPROVAL PURPOSES:

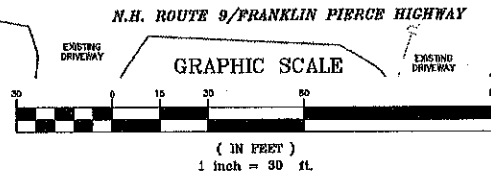
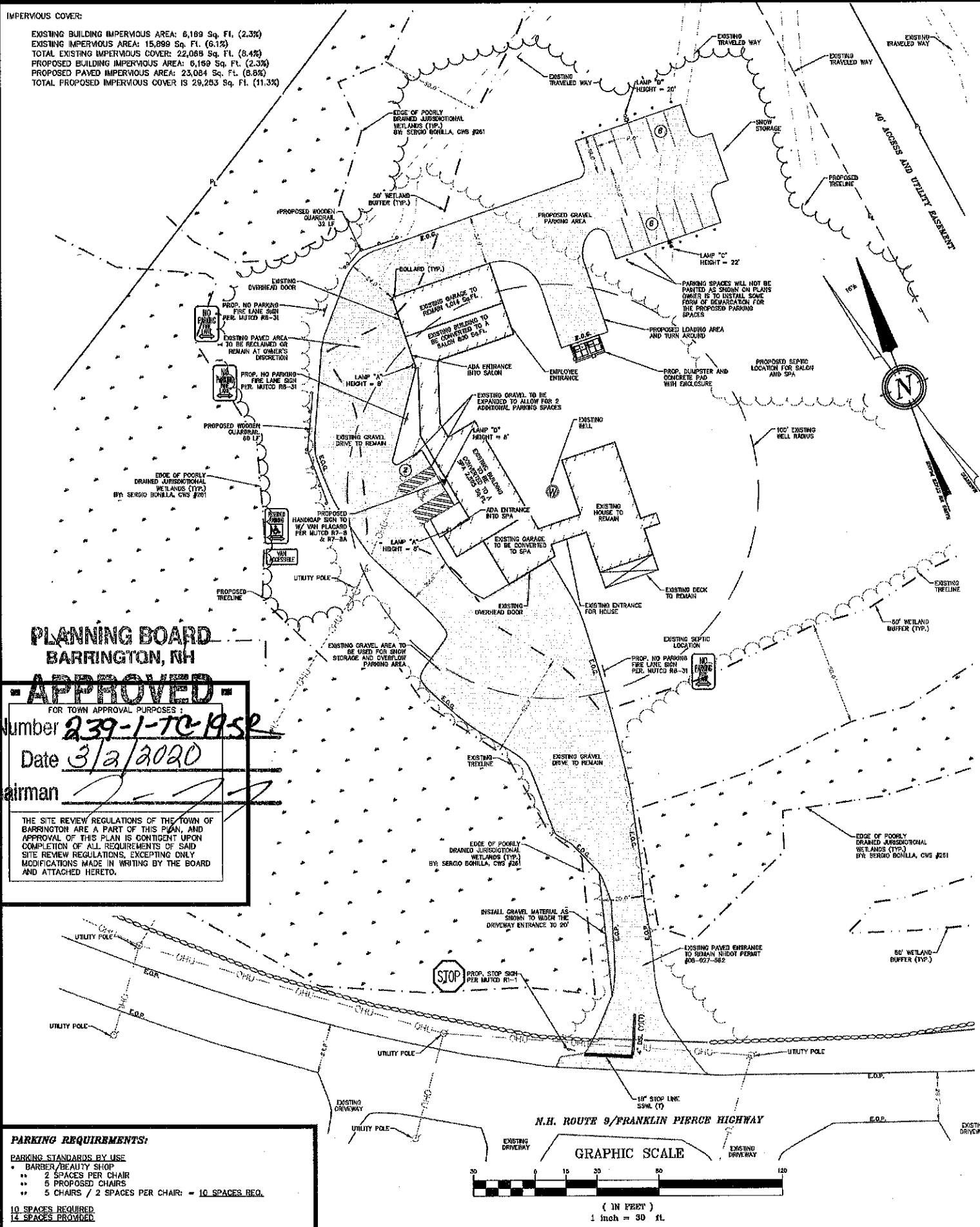
File Number **239-1-TC-195R**

Date **3/2/2020**

Chairman **[Signature]**

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.

PARKING REQUIREMENTS:
 PARKING STANDARDS BY USE
 • BARBER/BEAUTY SHOP
 • 2 SPACES PER CHAIR
 • 5 PROPOSED CHAIRS
 • 5 CHAIRS / 2 SPACES PER CHAIR = 10 SPACES REQ.
 10 SPACES REQUIRED
 14 SPACES PROVIDED



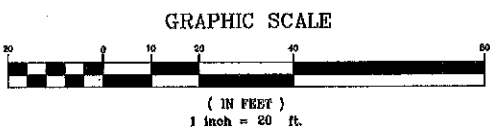
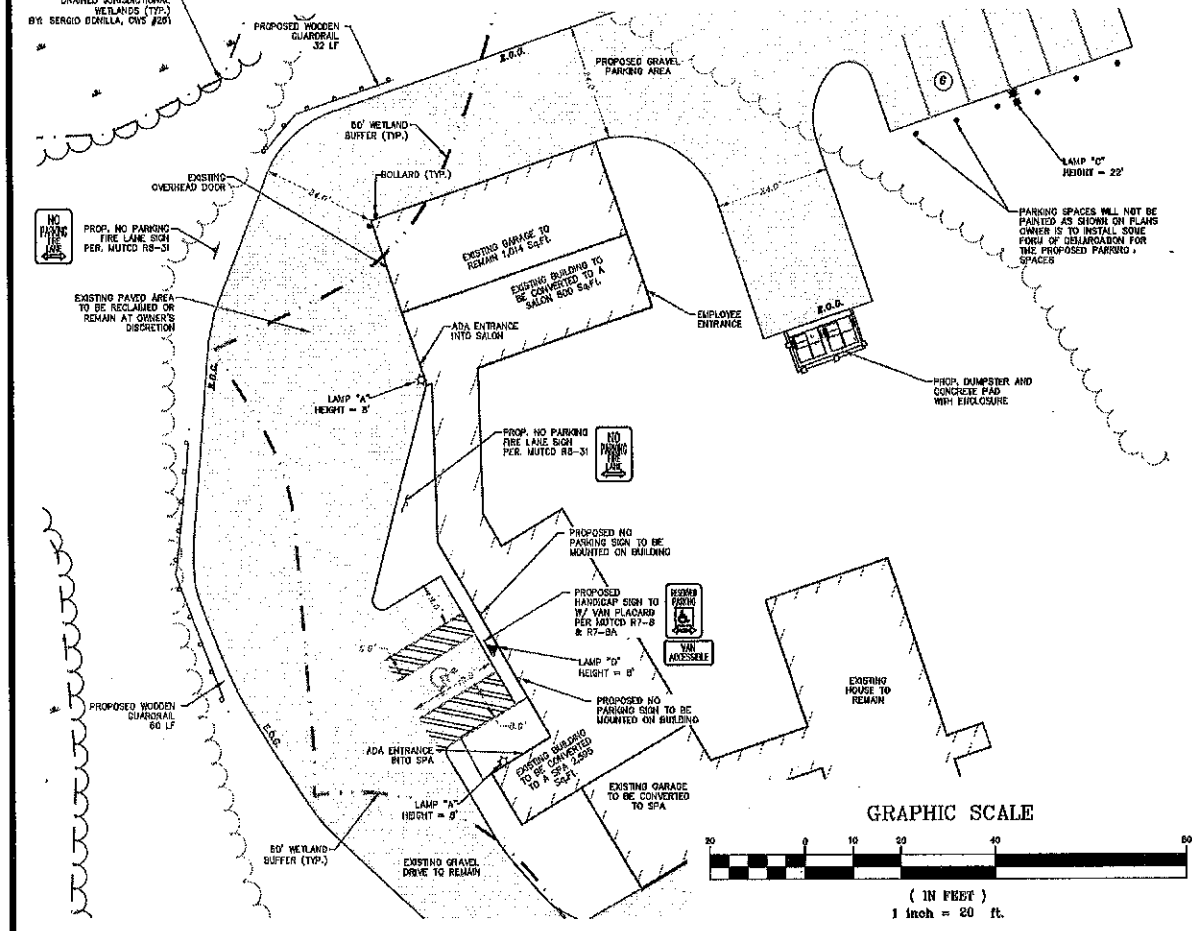
NOTES:

- OWNER: PETER R. & SARAH M. WARD
643 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
- APPLICANT: NANA'S DREAM LLC
DBA BELLAVISO SALON & SPA
P.O. BOX 911
DOVER, NH 03821
- TAX MAP 239, LOT 1
- LOT AREA: 262,657 Sq. Ft., 6.03 Ac.
- S.C.R.D. BOOK 3521, PAGE B22
- ZONING: TOWN CENTER
FRONTAGE ~ 40.0'
MINIMUM LOT SIZE ~ 20,000 SQUARE FEET
FRONT SETBACK ~ 20.0'
NH ROUTE 125/9 SET BACK ~ 50'
REAR SETBACK ~ 15.0'
SIDE SETBACK ~ 15.0'
COMMERCIAL/RESIDENTIAL BUFFER ~ 50.0'
WETLANDS/WATERBODY SETBACK ~ 50.0'
MAX. STRUCTURE HEIGHT: 40.0'
MAX. LOT COVERAGE FOR IMPERVIOUS SURFACE ~ 80.0%
- I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, PART OF THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330178, MAP# - 330170305E, DATED: SEPTEMBER 30, 2015.
- FOR MORE INFORMATION ABOUT THIS SITE PLAN PLEASE CONTACT THE TOWN OF BARRINGTON LAND USE DEPARTMENT.
- 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.
- 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.
- PROPOSED ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.
- THE EXISTING HOUSE WILL REMAIN ON THE EXISTING WELL AND SEPTIC. THE PROPOSED SPA AND SALON WILL BE SERVED BY A NEW SEPTIC SYSTEM AND WILL NOT UTILIZE THE EXISTING WELL.
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN AND STATE CODES.
- 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.
- IN ACCORDANCE WITH TOWN REGULATIONS AND RSA 878:13, 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.

NOTES CONTINUED:

- 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.
- BUILDING ADDRESSES SHALL BE ASSIGNED BY THE BUILDING INSPECTOR AT THE TIME OF ISSUANCE OF A BUILDING PERMIT.
- THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:
NH DOT DRIVEWAY PERMIT: 06-027-562
- THIS MINOR SITE PLAN PROPOSES APPROXIMATELY 25,000 SQ. FT. OF DISTURBANCE.
- CALL DIG SAFE PRIOR TO BEGINNING WORK (1-888-344-7233)
- ALL CONSTRUCTION SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. CONSTRUCTION SHALL ALSO CONFORM TO THE TOWN OF BARRINGTON POLICIES AND PRACTICES, AND TOWN OF BARRINGTON SUBDIVISION REGULATIONS.
- WRITTEN DIMENSION ON THIS PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING SHOWN 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.
- THERE IS CLEAR SITE DISTANCE IN BOTH THE EAST AND WEST DIRECTIONS AT THE PROPOSED ENTRANCE OF THE SITE.
- EXTERIOR LIGHTING SHALL BE CUT-OFF TYPE FIXTURES AND SHALL PROVIDE LIGHTING DIRECTED ON-SITE ONLY.
- 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.
- CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH FAIRPOINT COMMUNICATIONS AT (603) 427-6525, AS APPLICABLE.
- CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH ATLANTIC BROADBAND.
- 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.
- 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.
- THERE IS NO CHANGE TO THE FOOTPRINT OF THE PROPOSED BUILDING.

DETAIL OF ADA PARKING AREA AND ENTRANCES



REVISED PER NOTICE OF DECISION	DATE	DESCRIPTION
2-19-20		
1		

SITE PLAN FOR
 BELLAVISO SALON & SPA
 LAND OF
 PETER R. & SARAH M. WARD
 643 FRANKLIN PIERCE HIGHWAY
 BARRINGTON, NH 03825
 TAX MAP 239, LOT 1

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603) 332-2863
 SCALE: 1 IN. = 30 FT.
 DATE: OCTOBER 13, 2019
 FILE NO.: DB 2019 - 129



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

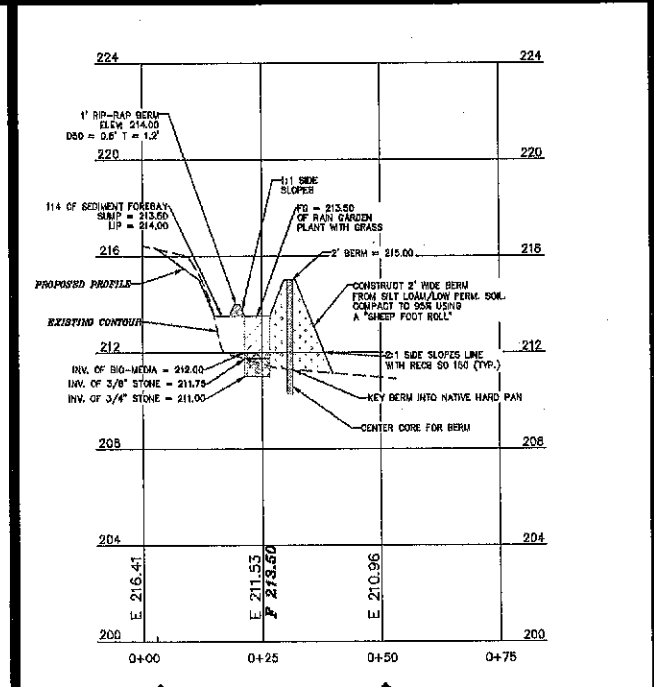
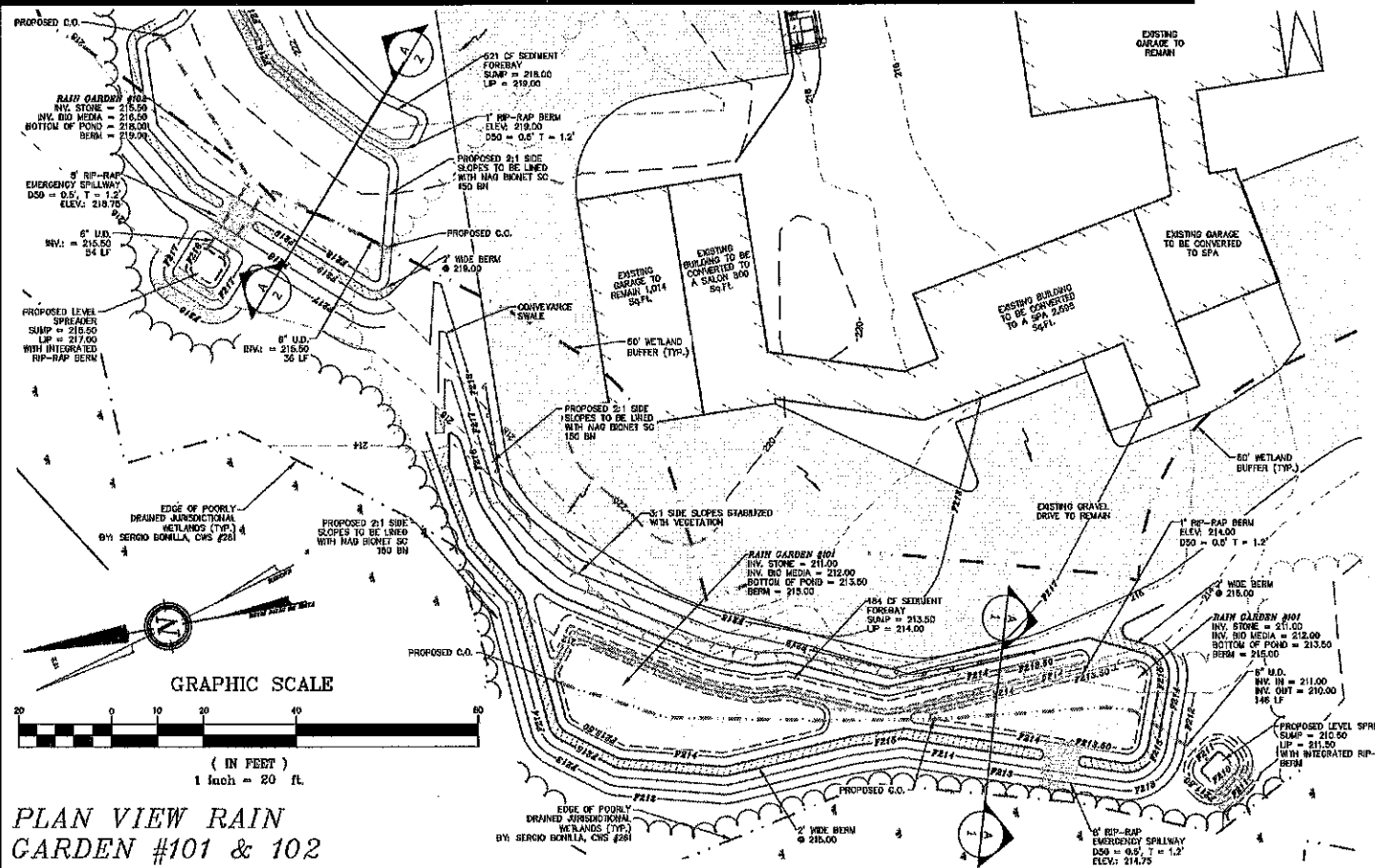
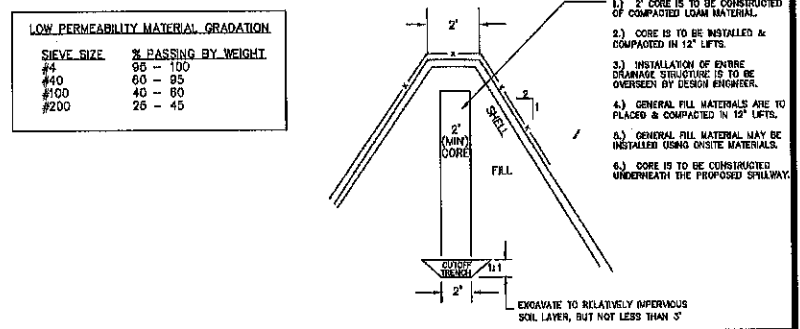
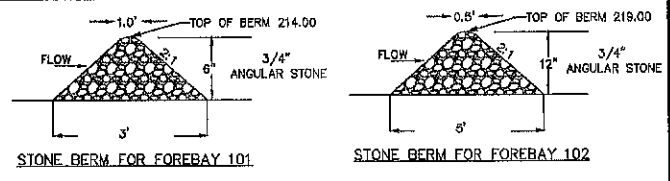
3/8" WASHED CRUSHED STONE*		3/4" WASHED CRUSHED STONE*	
SEIVE SIZE	% PASSING BY WEIGHT	SEIVE SIZE	% PASSING BY WEIGHT
1/2"	100	1"	100
3/8"	95 - 100	3/4"	90 - 100
# 4	22 - 55	1/2"	15 - 55
# 8	0 - 10	# 10	0 - 5

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

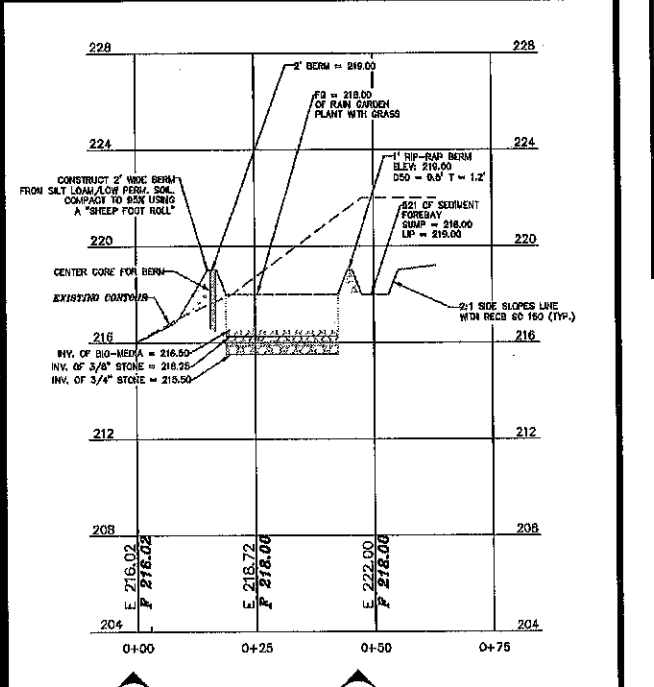
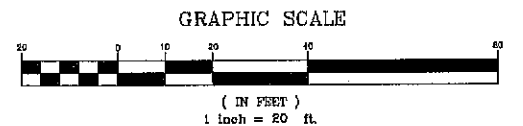
* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

RAIN GARDEN MIX
 THE 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 (16 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.

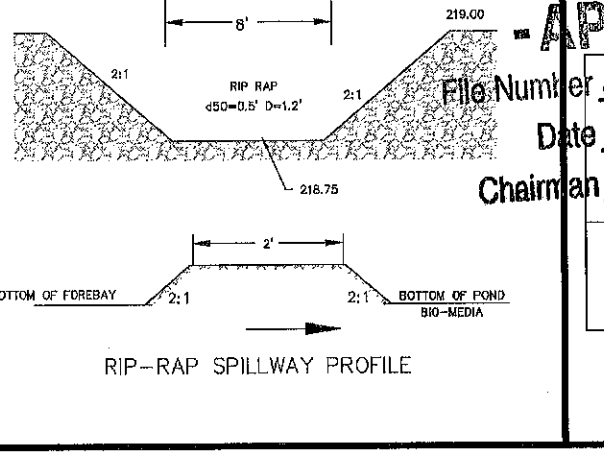
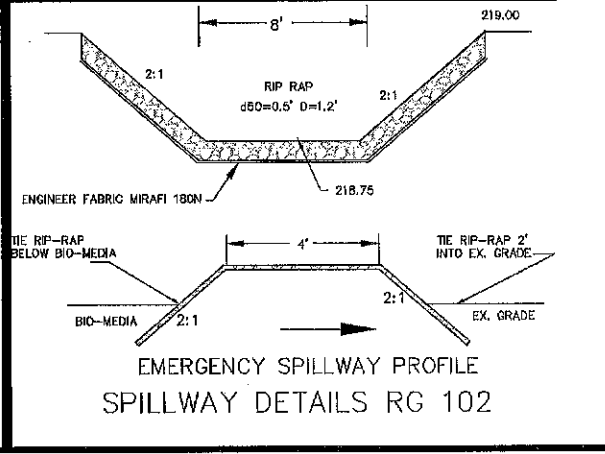
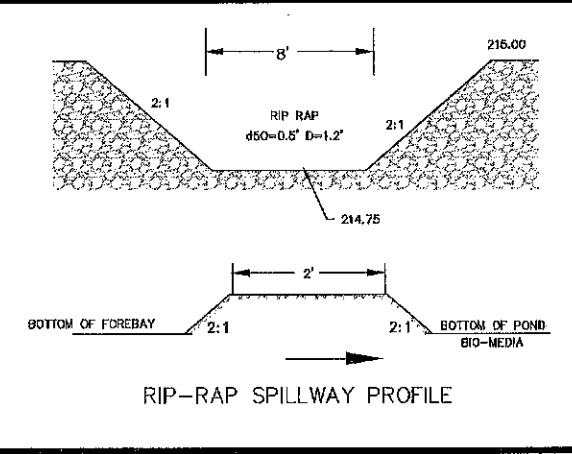
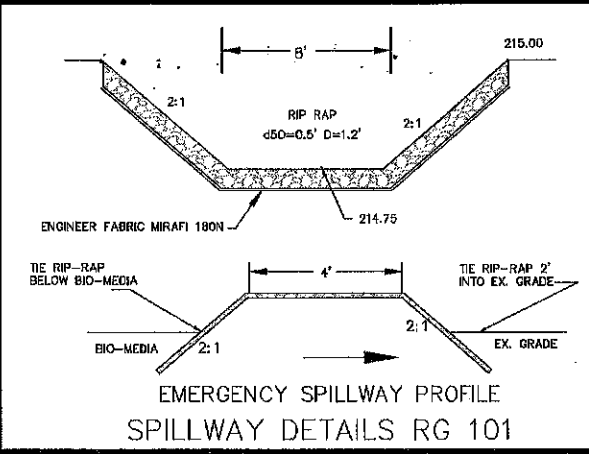
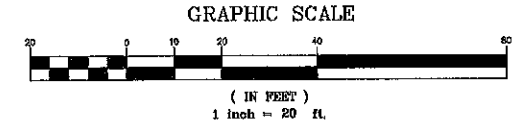
- NOTES**
- WHEN CONTRACTOR EXCAVATES RAIN GARDEN AREA TO SUBGRADE, DESIGN ENGINEER SHALL PERFORM SUBSURFACE EVALUATION PRIOR TO THE PLACEMENT OF ANY SELECT MATERIAL OR OTHER BACKFILL.
 - SOIL BIORETENTION FILTER MEDIA SHALL BE AS SHOWN ABOVE. "BIO MEDIA" MEANS BIORETENTION FILTER MEDIA. COMPACTION IS NOT TO OCCUR IN THE RAIN GARDEN AREAS PRIOR TO CONSTRUCTION. SCALIFICATION REQUIRED IN THE EVENT COMPACTION TAKES PLACE.
 - DO NOT PLACE THE BIORETENTION SYSTEM INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
 - DO NOT DISCHARGE SEDIMENT-LOADED WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF WATER FROM EXCAVATIONS) TO THE BIORETENTION AREA DURING ANY STAGE OF CONSTRUCTION.
 - DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM.
 - CENTER CORE OF THE BERM IS TO BE CONSTRUCTED UNDERNEATH THE EMERGENCY SPILLWAY.
- MAINTENANCE REQUIREMENTS**
- SYSTEMS SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EXCEEDING 2.0 INCHES IN A 24-HOUR PERIOD, WITH MAINTENANCE OR REHABILITATION CONDUCTED AS WARRANTED BY SUCH INSPECTION.
 - PRETREATMENT MEASURES SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND CLEARED OF ACCUMULATED SEDIMENT AS WARRANTED BY INSPECTION, BUT NO LESS THAN ONCE ANNUALLY.
 - AT LEAST ONCE ANNUALLY, SYSTEM SHOULD BE INSPECTED FOR DRAINDOWN 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.
 - VEGETATION SHOULD BE INSPECTED AT LEAST ANNUALLY, AND MAINTAINED IN HEALTHY CONDITION, INCLUDING PRUNING, REMOVAL, AND REPLACEMENT OF DEAD OR DISEASED VEGETATION, AND REMOVAL OF INVASIVE SPECIES.
- DESIGN REFERENCES**
- UNH STORMWATER CENTER
 - NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2006 AS AMENDED.



PROFILE VIEW RAIN GARDEN #101



PROFILE VIEW RAIN GARDEN #102



PLANNING BOARD
BARRINGTON, NH

APPROVED
 File Number 239-1-10-19-SR
 Date 3/2/2020
 Chairman [Signature]

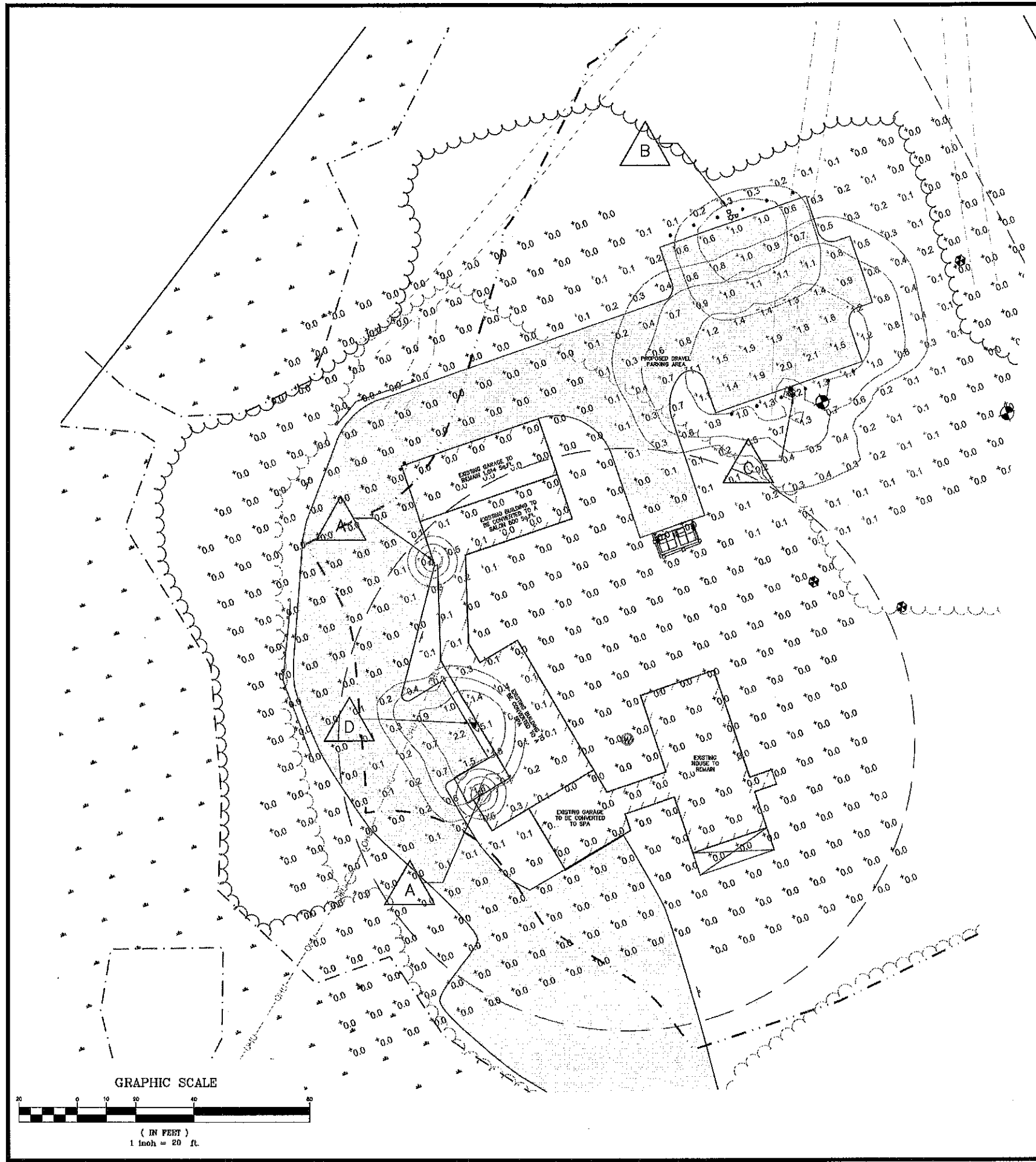
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

R101 & R102

REVISION	DATE	DESCRIPTION
#1	2-19-20	REVISED PER NOTICE OF DECISION

RAIN GARDEN #101 & #102
 FOR
 BELLAVIS SALON & SPA
 LAND OF
 PETER R. & SARAH M. WARD
 643 FRANKLIN PIERCE HIGHWAY
 BARRINGTON, N.H. 03825
 TOWN MAP 239, LOT 7

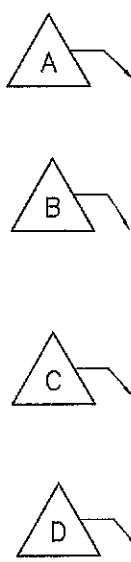
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1" IN. EQUALS 20 FT.
 DATE: OCTOBER 13, 2019
 FILE NO.: DB 2019 - 129



- NOTES:**
- 1.) OWNER: PETER R. & SARAH M. WARD
643 FRANKLIN PIERCE HIGHWAY
BARRINGTON, NH 03825
 - 2.) APPLICANT: NANA'S DREAM LLC
DBA BELLAVISO SALON & SPA
P.O. BOX 911
DOVER, NH 03821
 - 3.) TAX MAP 239, LOT 1
 - 4.) LOT AREA: 252,867 Sq. Ft., 6.03 Ac.
 - 5.) S.C.R.D. BOOK 3521, PAGE 922
 - 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.

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	File Name	Lumens Per Luminaire	Light Loss Factor	Wattage
☆	A	2		00SL10 SFC	CRAFTSTON WALL MOUNTED DECORATIVE LANTERN, ONE LAMP, ONE SPIRAL COMPACT FLUORESCENT, WHITE GLASS DIFFUSER, 4.25" DIA. X 6.50" HIGH, ELECTRONIC BALLAST	ONE 15-WATT T4 SPIRAL COMPACT FLUORESCENT, VERTICAL BASE UP POSITION	1	00SL10_BR 0.1ea	600	1	12.6
⊕	B	1	Lithonia Lighting	MRT1 42TRT 9W5C	OMERON ANCHOR TUBE MOUNTED CUTOFF LUMINAIRE WITH SEGMENTED TYPE IV SEAR CUTOFF REFLECTOR MEETS THE "NIGHTTIME FRIENDLY" CRITERIA	ONE 42-WATT TUBE COMPACT FLUORESCENT, HORIZONTAL POSITION	1	MRT1_42TRT_9W5C.ies	8200	1	48
⊕	C	1	Lithonia Lighting	MRP1 LED 120 530 50K 500mVOLT	MRP POST TOP LIGHT 42 LED 530 50K DRIVE CURRENT 50K COLOR TEMP TYPE 3 DISTRIBUTION		1	MRP1_LED_42 1c_530_50K_500mVOLT.ies	6046.318	1	75
▶	D	1	Lithonia Lighting	MWR LED P1 50W 40K 1MVOLT	MWR LED WITH P1 PERFORMANCE PACKAGE, BROOK AND 804 OPTIC TYPE	LED	1	MWR_LED_P1_50W_40K_1MVOLT.ies	2100	1	19.5W

Description	Symbol	Avg	Max	Min
Spot Zone #1	×	1.0 fc	2.0 fc	0.6 fc
Spot Zone #2	×	1.0 fc	2.5 fc	0.6 fc



REVISION	DATE	DESCRIPTION
#1	2-19-20	REVISED PER NOTICE OF DECISION

LIGHTING PLAN FOR BELLAVISO SALON & SPA
 BELLAVISO SALON & SPA
 LAND OF PETER R. & SARAH M. WARD
 643 FRANKLIN PIERCE HIGHWAY
 BARRINGTON, N.H. 03825
 TAX MAP 239, LOT 1

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

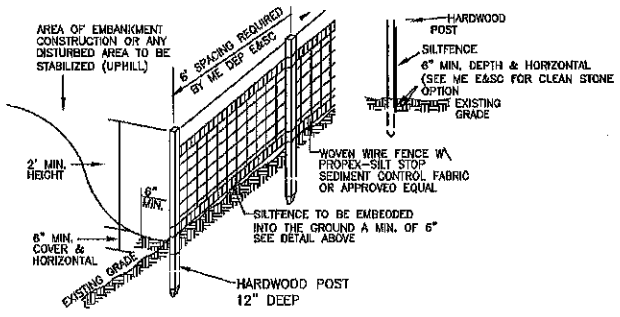
File Number: **239-17C-19-6R**
 Date: **3/2/2020**
 Chairman: **[Signature]**

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.

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: OCTOBER 13, 2019
 FILE NO.: DB 2019 - 129

SHEET 6 OF 10

E1



- SILT FENCE CONSTRUCTION SPECIFICATIONS**
- 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 12" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 6' APART, AND DRIVEN A MINIMUM OF 12" INTO THE GROUND.
 - 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.
 - 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.
 - PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
 - SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER.
 - THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.
 - TO BE CONSTRUCTED IAW ME E&SC BMPs 51 SEDIMENT CONTROLS, SILT FENCE, PAGE 23.

- SILT FENCE MAINTENANCE**
- 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.
 - 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.
 - SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH SIX-INCHES IN DEPTH.
 - 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

E5

NOTES: 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 type or oats at a rate of 2.5 lbs. per 1000 sq. ft. 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 SLOPES AND EROSION CONTROL	A	POOR	GOOD	GOOD	POOR
WATERWAYS, EROSION CONTROL, CHANNELS WITH FLOWING WATER	B	POOR	GOOD	GOOD	POOR
LEVELLY USED PARKING LOTS, USED AREAS, UNUSED LANDS, AND LOW LIQUIDITY USE RECREATION AREAS	C	GOOD	GOOD	GOOD	POOR
PLAY AREAS AND ATHLETIC FIELDS (TURF IS ESSENTIAL FOR GOOD TURF)	D	GOOD	GOOD	GOOD	POOR

1/ REFER TO SEEDING MIXTURES AND RATES IN TABLE 7-30.
2/ POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.

SEEDING SPECIFICATIONS

- GRADING AND SHAPING
 - SLOPES SHALL NOT BE STEEPER THAN 2:1; 3:1 SLOPES OR FLATTER ARE PREFERRED. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.
 - SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
 - STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEED BED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
- ESTABLISHING A STAND
 - LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED: AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 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.)

E2

TEMPORARY EROSION CONTROL MEASURES

- THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
- EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
- ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOADED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN ONE POUND OF SEED PER 60 SQUARE YARDS OF AREA. (SEE SEED SPECIFICATIONS THIS SHEET)
- ALL DISTURBED AREAS WILL BE RESTABILIZED WITHIN 45 DAYS. AT ANY ONE TIME, NO MORE THAN 3 ACRES, (217,600 Sq. Ft.) WILL BE DISTURBED.
- 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.
- 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.
- PER THE EPA CDP 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.
- DITCHES, SWALES, AND BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- DO NOT TRAFFIC EXPOSED SOIL SURFACES WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.
- DRIVEWAYS AND CUT AND FILL SLOPES MUST BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINAL GRADE.
- STABILIZATION MEANS:
 - A MINIMUM OF 85% OF VEGETATIVE COVER HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED, OR
 - EROSION CONTROL BLANKETS HAVE BEEN INSTALLED.
- 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.
- THE NHDES STORMWATER MANUAL, IN THREE VOLUMES, DATED DECEMBER 2009, IS A PART OF THIS PLAN SET AND THE MORE RESTRICTIVE WILL GOVERN. (NH SWM)

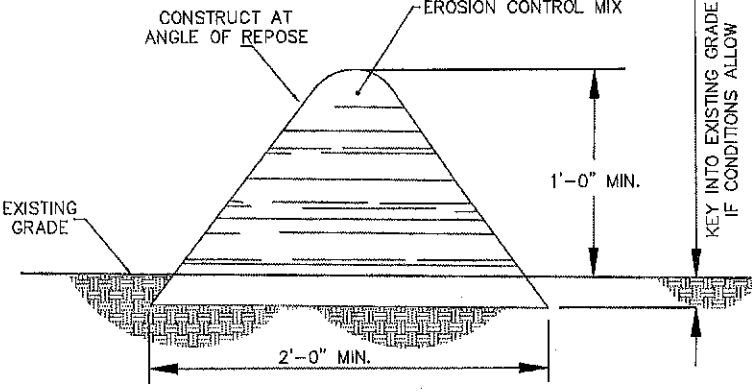
E6

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

PERCENT SMALLER THAN THE GIVEN SIZE	FEET	INCHES
100%	9	12
85%	8	11
50%	6	9
15%	2	3

E3

EROSION CONTROL MIX BERM



- EROSION CONTROL MIX BERMS SHALL BE USED ONLY AS FOLLOWS:
- 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.
 - THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE.
 - THE BERMS SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
 - 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 GRUNDINGS, COMPOSTED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS.
 - WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS SHALL NOT BE USED AS ORGANIC MATERIAL.
 - THE MIX SHALL NOT CONTAIN SILTS, CLAY, OR FINE SANDS.
 - 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.
 - THE MIX PH SHALL BE BETWEEN 5.0 AND 8.0.
 - THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.
 - TO BE CONSTRUCTED IAW ME E&SC SECTION B SEDIMENT CONTROLS, #2 EROSION CONTROL MIX BERM, PAGE 24.

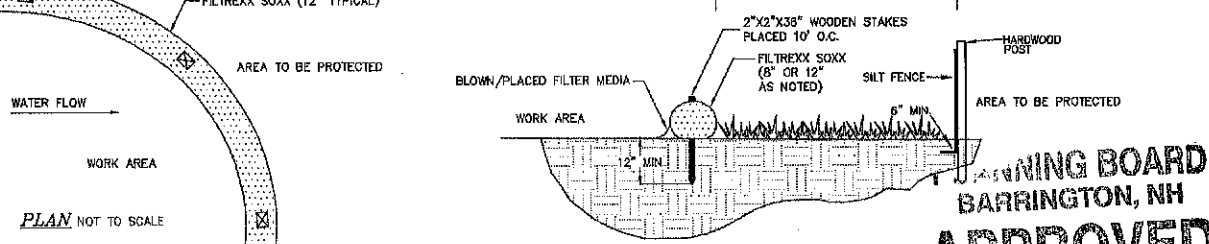
E7

WINTER STABILIZATION NOTES

- ALL DISTURBED AREAS THAT DO NOT HAVE AT LEAST 65% 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 BIOGRADABLE/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.
- 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.
- PRIOR TO OCT. 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVEL APPLICATION. IF THESE AREAS' ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY CROWNED AND A 3" LAYER OF CRUSHED GRAVEL SHALL BE PLACED AND COMPACTED. THIS WILL ALLOW THE SUBGRADE TO SHED RUNOFF AND WILL REDUCE ROADWAY EROSION. THIS CRUSHED GRAVEL DOES NOT HAVE TO CONFORM TO NH DOT 304.3, BUT SHALL HAVE BETWEEN 15-25% PASSING THE #200 SIEVE AND THE LARGEST STONE SIZE SHALL BE 2". IF THE SITE IS ACTIVE AFTER OCTOBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
- AFTER OCTOBER 15TH, THE END OF NEW HAMPSHIRE'S AVERAGE GROWING SEASON, NO ADDITIONAL LOAM SHALL BE SPREAD ON SIDE SLOPES AND SWALES. THE STOCKPILES THAT WILL BE LEFT UNDISTURBED UNTIL SPRING SHALL BE SEED BY THIS DATE. AFTER OCTOBER 15TH, ANY NEW OR DISTURBED PILES SHALL BE MULCHED AT A RATE OF 3-4 TONS PER ACRE. ALL STOCKPILES THAT WILL REMAIN THROUGHOUT THE WINTER SHALL BE SURROUNDED WITH SILT FENCING.

E9

FILTREXX SEDIMENT CONTROL

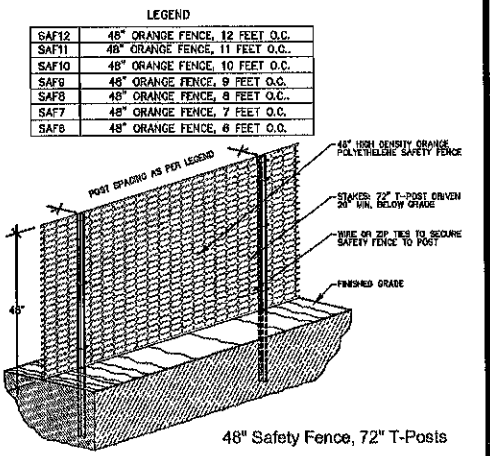


- NOTES:
- ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
 - FILTREXX MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
 - COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
 - SILT SOXX MAY BE USED IN PLACE OF SILT FENCE OR OTHER SEDIMENT BARRIERS.
 - SILT SOXX COMPOST/SOIL/ROCK/SEED FILL MATERIAL SHALL BE ADJUSTED AS NECESSARY TO MEET THE REQUIREMENTS OF THE SPECIFIC APPLICATION.
 - FILTREXX SOXX IS A REGISTERED TRADEMARK OF FILTREXX INTERNATIONAL, LLC.
 - SILT FENCE IS NOT A SUBSTITUTION FOR SILT SOXX AND ANY EQUAL SUBSTITUTION TO BE APPROVED.
 - TO BE CONSTRUCTED IAW FILTREXX, SECTION 1: EROSION & SEDIMENT CONTROL (PAGE 323) - CONSTRUCTION ACTIVITIES, SWPPP CUT SHEET: FILTREXX SEDIMENT CONTROL AND ME E&SC SEDIMENT CONTROLS 53 FILTER SOCKS, PAGE 25.

Filtrexx International, LLC 35481 Grafton Eastern Rd | Grafton, Oh 44044 440-826-2607 | fax 440-826-4021 WWW.FILTREXX.COM OR APPROVED EQUAL

E4

CONSTRUCTION SAFETY FENCE



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.

- ALL SENSITIVE AREAS SHALL BE PROTECTED AS PER PLAN.
- ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED AND PROTECTED WITH HIGH VISIBILITY FENCE AS PER PLAN.
- WHEN PRACTICABLE, INSTALL HIGH VISIBILITY FENCE 3 FEET OUTSIDE OF THE DRP LINE OF THE TREE.
- SAFETY FENCE SHOULD BE FASTENED SECURELY TO THE T-POSTS.
- THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION; ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.

E8

DEFINITION OF STABLE:

- PER ENV-WQ 1500 ALTERATION OF TERRAIN
- BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
 - A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
 - OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- ADDITION STABILIZATION NOTES:
- HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
 - DISTURBED SOIL AREAS SHALL BE EITHER TEMPORARILY OR PERMANENTLY STABILIZED. IN AREAS WHERE FINAL GRADING HAS NOT OCCURRED, TEMPORARY STABILIZATION MEASURES SHOULD BE IN PLACE WITHIN SEVEN (7) CALENDAR DAYS FOR EXPOSED SOIL AREAS THAT ARE WITHIN ONE HUNDRED (100) FEET OF A SURFACE WATER BODY OR A WETLAND AND NO MORE THAN 14 CALENDAR DAYS FOR ALL OTHER AREAS. PERMANENT STABILIZATION SHOULD BE IN PLACE WITHIN THREE (3) CALENDAR DAYS FOLLOWING COMPLETION OF FINAL GRADING OF EXPOSED SOIL AREAS.

REVISION #	DATE	DESCRIPTION
1	2-19-20	REVISED PER NOTICE OF DECISION

EROSION & SEDIMENT CONTROL DETAILS

BELLAVO SURVEYING & SPA
LAND OF
PETER R. & SARAH M. WARD
643 FRANKLIN PIERCE HIGHWAY
BARRINGTON, N.H. 03825
TEL: 603.239.1007

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

AS NOTED

DATE: OCTOBER 13, 2019

FILE NO.: DB 2019 - 129

FOR TOWN APPROVAL PURPOSES
File Number: 239-7-TC-19-SR
Date: 3/2/2020
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.

C9

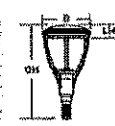


MRP LED Area Luminaire

Capable Luminaire

This luminaire is an LED capable luminaire, which has been designed and tested to comply with the requirements of the LED capable luminaire specification for Class A LED luminaire. The luminaire is a Certified Class A luminaire with a CCT of 3000K and a CRI of 90. The luminaire is designed to be used in a variety of applications and is suitable for use in a variety of environments.

Specifications
 Height: 1.50'
 Width: 1.50'
 Depth: 1.50'
 Weight: 15 lbs



EXAMPLE MRP LED 400 700 40K 505 MVOLT DIMMED

Item	Qty	Part No.	Description	Unit
1	1	MRP-400-700-40K-505	MRP LED Luminaire	EA
2	1	MRP-400-700-40K-505-DIM	MRP LED Luminaire Dimmed	EA

LAMP "C" MOUNTED 22' ABOVE GRADE



WSR LED Architectural Wall Sconce

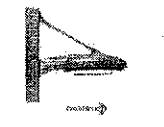
Specifications
 Height: 1.50'
 Width: 1.50'
 Depth: 1.50'
 Weight: 15 lbs



EXAMPLE WSR LED 400 700 40K 505 MVOLT DIMMED

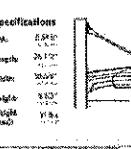
Item	Qty	Part No.	Description	Unit
1	1	WSR-400-700-40K-505	WSR LED Sconce	EA
2	1	WSR-400-700-40K-505-DIM	WSR LED Sconce Dimmed	EA

LAMP "D" MOUNTED 10' ON BUILDING



MRT1 LED Area Luminaire

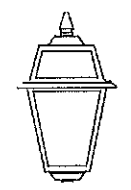
Specifications
 Height: 1.50'
 Width: 1.50'
 Depth: 1.50'
 Weight: 15 lbs



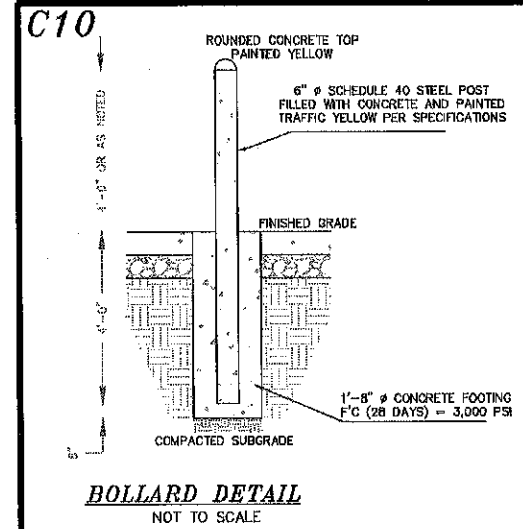
EXAMPLE MRT1 LED 400 700 40K 505 MVOLT DIMMED

Item	Qty	Part No.	Description	Unit
1	1	MRT1-400-700-40K-505	MRT1 LED Luminaire	EA
2	1	MRT1-400-700-40K-505-DIM	MRT1 LED Luminaire Dimmed	EA

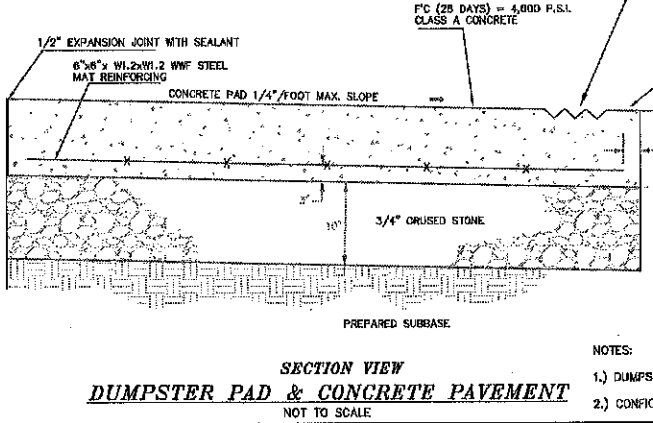
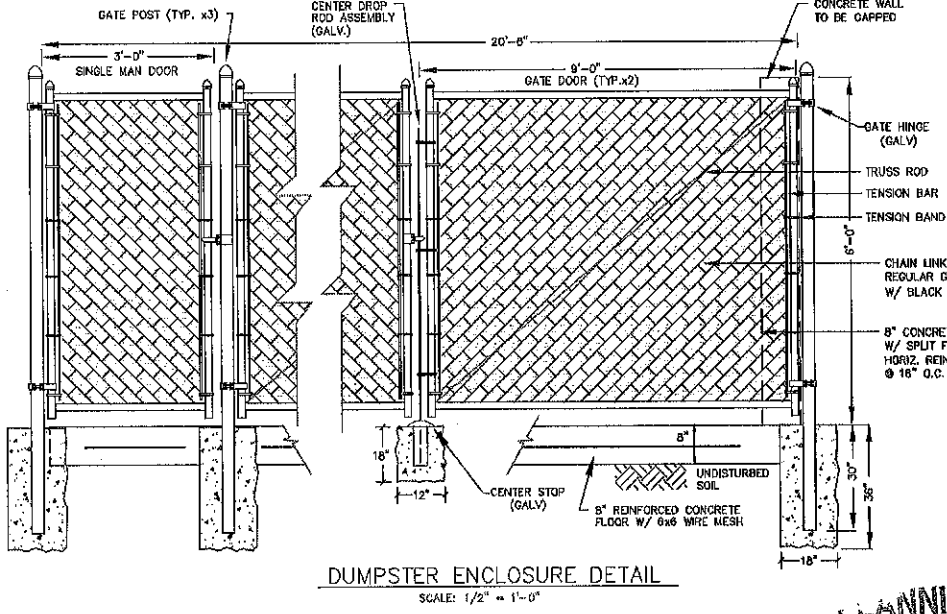
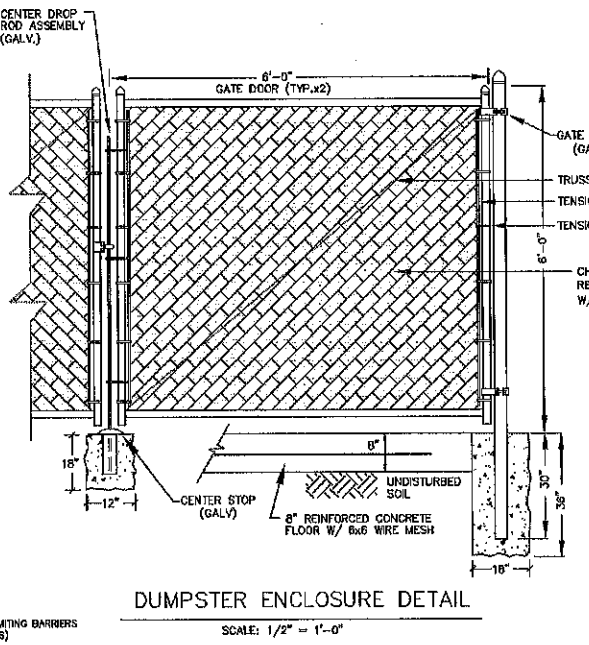
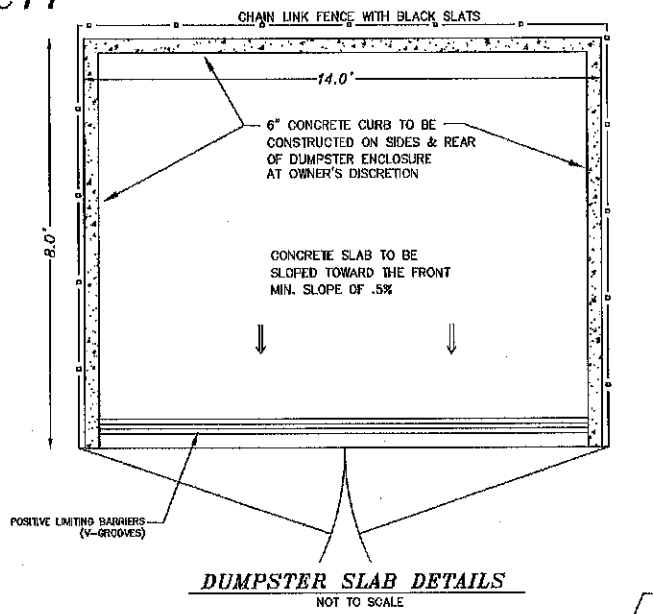
LAMP "B" MOUNTED 20' ABOVE GRADE



TYPICAL RESIDENTIAL LAMP TYPE "A" NOT TO SCALE

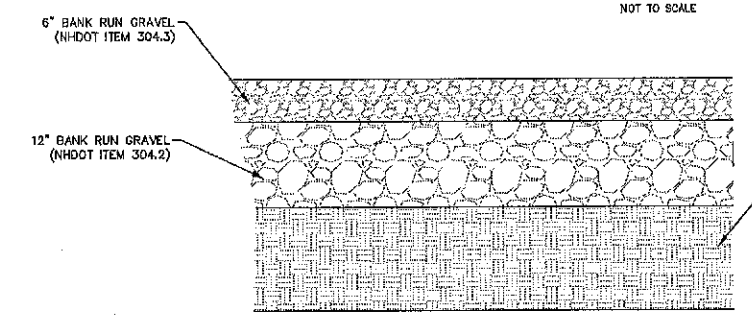


C11



- NOTES:
 1.) DUMPSTER PAD WILL BE SCREENED BY STOCKADE FENCE.
 2.) CONFIGURATION WILL ENCLOSE 2-8 YARD DUMPSTERS.

C12



PLANNING BOARD BARRINGTON, NH

APPROVED

File Number: **239-1-TC-19-SK**
 Date: **3/2/2020**

Chairman: **[Signature]**

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C-102

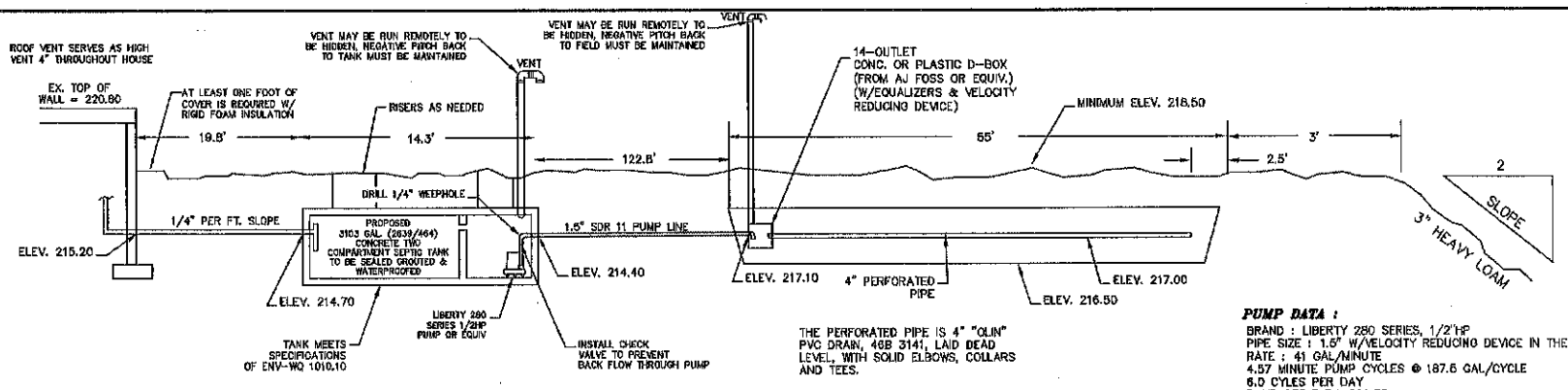
#1	REVISION	DATE	DESCRIPTION
1	2-19-20		REVISED PER NOTICE OF DECISION

CONSTRUCTION DETAILS FOR
 BELLAVISO SALON & SPA
 PETER S. LAMAR, M. ARCH.
 64-65 BANK RUN, PIERCE HIGHWAY
 BARRINGTON, N.H. 03825
 TEL: 603.239.1207

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603) 552-2863

DATE: OCTOBER 13, 2019
 FILE NO.: DB 2019 - 129

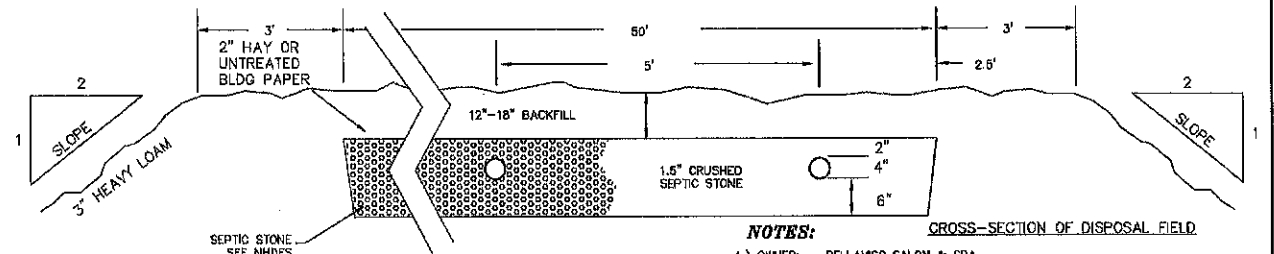
STATE OF NEW HAMPSHIRE
 KENNETH A. BERRY
 LICENSED PROFESSIONAL ENGINEER



SOLID PLASTIC PIPE IS 4\"/>

PROFILE OF SEPTIC SYSTEM

PUMP DATA :
 BRAND : LIBERTY 280 SERIES, 1/2 HP
 PIPE SIZE 1.5\"/>



CROSS-SECTION OF DISPOSAL FIELD

- NOTES:**
- OWNER: BELLAVISO SALON & SPA, 643 FRANKLIN PIERCE HIGHWAY, BARRINGTON, NH 03825
 - DESIGNER: CHRISTOPHER R. BERRY, PERMIT #1888, 335 SECOND CROWN POINT ROAD, BARRINGTON, NH 03825
 - TAX MAP 239, LOT 1
 - LOT AREA: 262,667 Sq Ft, 6.03 Ac.
 - S.C.R.D. BOOK 3521, PAGE 922
 - SUBDIVISION STATUS: OVER 8 Ac.
 - FOUNDATION DRAINS WILL STAY AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.
 - THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 75', OR POORLY DRAINED SOILS WITHIN 50' OF THE PROPOSED SEPTIC SYSTEM.
 - 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.
 - 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.
 - 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.
 - THIS IS NOT A BOUNDARY SURVEY.
 - THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS.
 - THIS OPERATION DOES NOT SERVE WATER TO CUSTOMERS IN ANY CAPACITY TO INCLUDE HOT BEVERAGES MADE FROM WATER PRODUCED BY THE WELL. BOTTLED WATER IS PROVIDED TO ALL CUSTOMERS AND EMPLOYEES.
 - THE TWO BEDROOM HOME WILL CONTINUE TO USE THE EXISTING EFFLUENT DISPOSAL FIELD. THE PROPOSED FIELD IS NOT SIZED FOR THE 300 GPD FROM THE HOME. THIS GPD WAS ADDED TO TO THE STATED LOT USAGE AMOUNT FOR WELL RADIUS CONSIDERATIONS.

VENTING NOTE:

IF MORE THAN 18\"/>

SOIL DATA :

SOIL DATA Gsc OLOUCESTER FINE SANDY LOAM
 Sg SAUGATUCK LOAMY SAND
 WGA WINDSOR LOAMY SAND

NITRATE SETBACKS :

1,101-1,200 GPD HYDRAULICALLY DOWN-GRADIENT 60 FEET
 HYDRAULICALLY SIDE-GRADIENT 30 FEET
 HYDRAULICALLY UP-GRADIENT 15 FEET

LOT LOADING :

HSC A 8-15% 4.4Ac. = (0/2000)*1.1 = 8,828
 HSC C 8-15% 1.6Ac. = (0/2000)*1.75 = 1,836
 TOTAL ALLOWABLE GPD = 10,664 GPD

TEST PIT DATA:

TEST PIT #2
 0-0.67' 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
 0.67-1.3' 10YR 4/6, FINE SANDY LOAM, GRANULAR, FRIABLE
 1.3-1.8' 2.5YR 5/4, FINE SANDY LOAM, BLOCKY, FRIABLE
 1.8-5.8' 2.5Y 5/5, FINE SANDY LOAM, BLOCKY, FRIABLE
 NO REFUSAL
 S.H.W.T. @ 1.8'
 NO GROUND WATER OBSERVED
 TERMINATED @ 5.8'
 ROOTS TO 2.0'
 PERC. RATE = 10 MIN./IN.

CALCULATIONS :

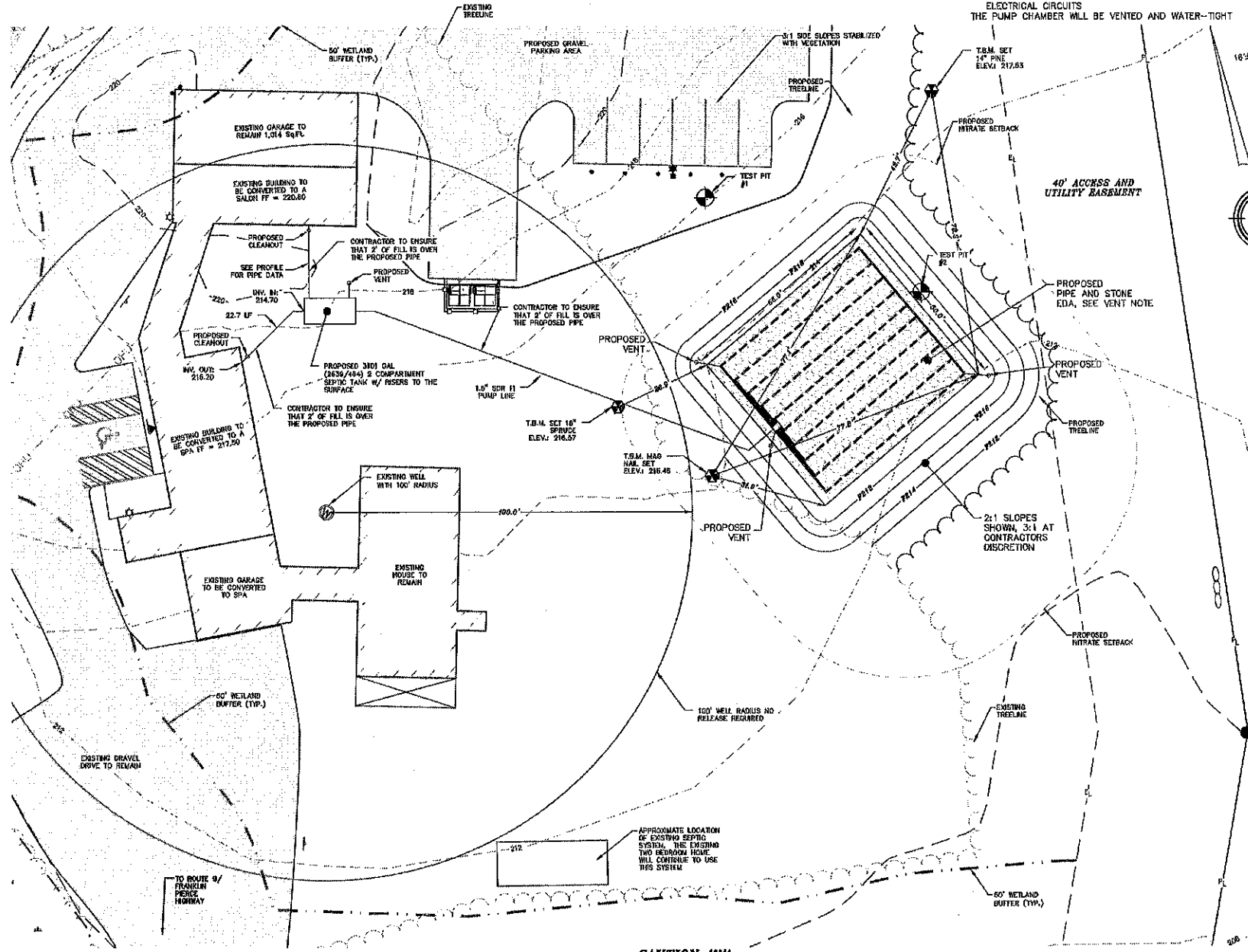
5 SALON SEATS, 750 GPD
 3 PEDICURE SEATS, 75 GPD
 15 EMPLOYEES, 300 GPD
 TOTAL = 1,125 GPD
 USE A 3103 GAL (2639/464)
 TWO COMPARTMENT CONCRETE SEPTIC TANK
 (FROM A.J. FOSS OR EQUIV.)
 10 MIN/IN MEASURED PERC RATE:
 2,081 Sq. Ft. MIN LEACH BED AREA
 55 X 50 = 2,750 Sq. Ft. LEACH BED AREA

ELEVATIONS :

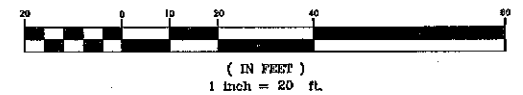
214.00 - HIGH POINT OF LEACH BED
 212.20 - S.H.W.T.
 NONE - IMPERVIOUS LAYER
 216.50 - BOTTOM OF LEACH BED

PLAN INTENT :

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE 1997 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: CHRISTOPHER R. BERRY, NHDES SUBSURFACE SYSTEMS DESIGNER #1888



GRAPHIC SCALE

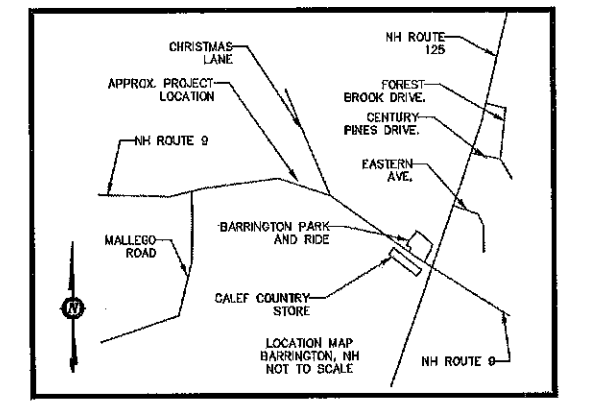


CAUTION !!!!!
 ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL,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

WETNOTE :
 THE WETLAND DELINEATION WAS COMPLETED FEBRUARY, 2018 IN ACCORDANCE WITH THE 1997 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: CHRISTOPHER R. BERRY, NHDES SUBSURFACE SYSTEMS DESIGNER #1888

PLANNING BOARD
 BARRINGTON, NH
APPROVED
 FOR TOWN APPROVAL PURPOSES
 File Number: 239-1-TC-19-SR
 Date: 3/2/2020
 Chairman: [Signature]

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#1	2-19-2020	ADDED CLARIFYING NOTES
REVISION	DATE	DESCRIPTION
		PROPOSED PIPE AND STONE SEPTIC SYSTEM FOR BELLAVISO SALON & SPA 643 FRANKLIN PIERCE HIGHWAY BARRINGTON, N.H. 03825 TAX MAP 239, LOT 1
		BERRY SURVEYING & ENGINEERING 335 SECOND CROWN POINT RD. BARRINGTON, N.H. 332-2863
		SCALE : 1 IN. EQUALS 20 FT.
		DATE : OCTOBER 17, 2019
		FILE NO. : DB 2019 - 129