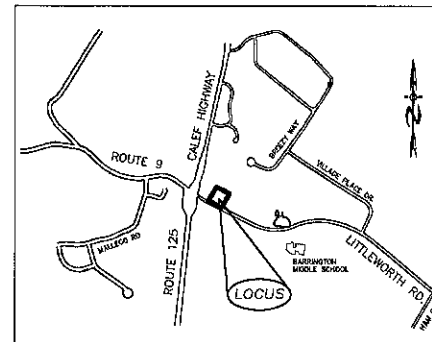


COMMERCIAL SITE PLAN 565 FRANKLIN PIERCE HIGHWAY (NH ROUTE 9) TAX MAP 238; LOT 8

AT THE FEBRUARY 7, 2023, PLANNING BOARD MEETING, THE BOARD APPROVED WAIVERS FOR:
 a) THE REQUIREMENT FOR A FULL TRAFFIC IMPACT ANALYSIS PER SECTION 4.14 OF THE SITE PLAN REVIEW REGULATIONS.
 b) THE REQUIREMENT FOR OUTDOOR LIGHTING FOR THE MINIMUM LIGHTING THRESHOLD TO ALLOW FOR .3CF WHERE .2CF IS THE MINIMUM PER THE OUTDOOR LIGHTING DESIGN STANDARDS SECTION 4.12, TABLE 9 OF THE SITE PLAN REVIEW REGULATIONS.
 c) THE REQUIREMENT FOR A DRAWING OF ALL RELEVANT BUILDING ELEVATIONS SHOWING THE FIXTURES, THE PORTIONS OF THE WALLS TO BE ILLUMINATED, THE LUMINANCE LEVELS OF THE WALLS, AND THE MOUNTING POINTS FOR ANY REMOTE LIGHT FIXTURES PER THE ILLUMINATION PLANS IN SECTION 3.8.5 OF THE SITE PLAN REVIEW REGULATIONS.

- APPROVED LIST OF USES PERMITTED ON SITE:**
- a. ARTS & CRAFTS ESTABLISHMENTS
 - b. ART STUDIO
 - c. BANK AND ATM
 - d. BUSINESS SUPPORT SERVICES
 - e. BUSINESS & PROFESSIONAL OFFICE
 - f. COMMERCIAL RECREATIONAL FACILITY
 - g. CONFERENCE CENTER
 - h. DISTILLERY/BREWERY WITH RETAIL
 - i. DRUG STORE
 - j. GROCERY STORE
 - k. HARDWARE STORE
 - l. HEALTH CARE FACILITY
 - m. HEALTH CLUB
 - n. INN
 - o. LANDSCAPE NURSERY/GREENHOUSES
 - p. MEDICAL/DENTAL CLINIC
 - q. PACKAGING AND DELIVERY SERVICES
 - r. PROFESSIONAL SERVICE ESTABLISHMENT
 - s. PUBLISHING AND PRINTING
 - t. RESTAURANT
 - u. RETAIL
 - v. SOCIAL OR FRATERNAL ORGANIZATION
 - w. VETERINARY OFFICE/CLINIC



LOCATION MAP
1"=1500'

PLAN INDEX	
TITLE SHEET	
EXISTING CONDITIONS PLAN	1
PARKING/PAVEMENT PLAN	2
GRADING & DRAINAGE PLAN	3
LIGHTING PLAN	4
LANDSCAPE PLAN	5
HIGHWAY ACCESS PLAN	6
CONSTRUCTION DETAILS	7
SEWER PLAN #0	8

- APPROVED -

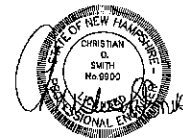
File Number 238-8-V-23-SR

Date May 16, 2023

Chairman [Signature]

APPLICANT/OWNER:
 GEORGE N. TSOUKALAS
 565 FRANKLIN PIERCE HIGHWAY
 BARRINGTON, NEW HAMPSHIRE

[Signature]



WETLAND/SOIL CONSULTANT:

GOVE ENVIRONMENTAL SERVICES INC.
 8 CONTINENTAL DRIVE,
 BLDG 2 UNIT H
 EXETER, NH 03833
 1-603-778-0644

LAND SURVEYORS:

DOUCET SURVEYING INC.
 Serving Your Professional Surveying & Mapping Needs
 102 Kent Place, Newmarket, NH 03857-0163
 Voice (603) 659-8560, Data (603) 659-4118

CIVIL ENGINEERS:

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

REQUIRED PERMITS

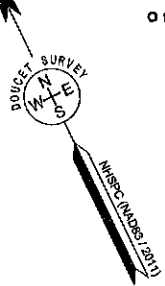
NHDOT DRIVEWAY ACCESS PERMIT #06-027-615
 NHDES SEPTIC APPROVAL NUMBER: CA2023021012

PLANNING BOARD APPROVAL BLOCK

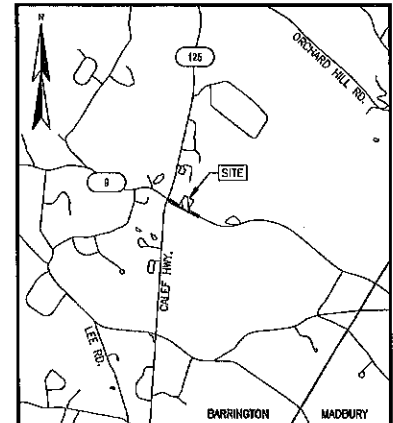
ADDED STATE PERMIT NO.	4-24-23
REVS PER NCD	3-1-23
COVER SHEET	
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 228, LOT 8	
PROJ. NO: NH-1445	DATE: NOV. 2022

NOTES:

- REFERENCE: TAX MAP 238, LOT 8
565 FRANKLIN PIERCE HWY.
BARRINGTON, NH 03825
 - TOTAL PARCEL AREA: 86,685 SQ. FT. OR 1.99 AC.
 - OWNER OF RECORD: GEORGE N. TSOUKALAS
PO BOX 684
BARRINGTON, NH 03825
S.C.R.D. BOOK 5024 PAGE 397
 - FIELD SURVEY PERFORMED BY J.P.E. & S.N.F. (DOUCET SURVEY) DURING AUGUST 2022 & FEBRUARY 2023 USING A TRIMBLE S6 TOTAL STATION AND A TRIMBLE R10 SURVEY GRADE GPS WITH A TRIMBLE TSC3 DATA COLLECTOR AND A TRIMBLE DIMI DIGITAL AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
 - HORIZONTAL DATUM BASED ON NAD83(2011) NEW HAMPSHIRE STATE PLANE COORDINATE ZONE (2800) DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
 - VERTICAL DATUM IS BASED ON APPROXIMATE NAVD83(GEOD18) (+.2') DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
 - PROPER FIELD PROCEDURES WERE FOLLOWED IN ORDER TO GENERATE CONTOURS AT 1' INTERVALS. ANY MODIFICATION OF THIS INTERVAL WILL DIMINISH THE INTEGRITY OF THE DATA, AND DOUCET SURVEY WILL NOT BE RESPONSIBLE FOR ANY SUCH ALTERATION PERFORMED BY THE USER.
 - UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON OBSERVED PHYSICAL EVIDENCE AND PAINT MARKS FOUND ON-SITE.
 - THE ACCURACY OF MEASURED UTILITY INVERTS AND PIPE SIZES/TYPES IS SUBJECT TO NUMEROUS FIELD CONDITIONS, INCLUDING: THE ABILITY TO MAKE VISUAL OBSERVATIONS, DIRECT ACCESS TO THE VARIOUS ELEMENTS, MANHOLE CONFIGURATION, ETC.
 - ALL UNDERGROUND UTILITIES (ELECTRIC, GAS, TEL, WATER, SEWER DRAIN SERVICES) ARE SHOWN IN SCHEMATIC FASHION, THEIR LOCATIONS ARE NOT PRECISE OR NECESSARILY ACCURATE. NO WORK WHATSOEVER SHALL BE UNDERTAKEN USING THIS PLAN TO LOCATE THE ABOVE SERVICES. CONSULT WITH THE PROPER AUTHORITIES CONCERNED WITH THE SUBJECT SERVICE LOCATIONS FOR INFORMATION REGARDING SUCH. CALL DIG-SAFE AT 1-888-DIG-SAFE.
 - ZONE: VILLAGE DISTRICT
DIMENSIONAL REQUIREMENTS (NON-RESIDENTIAL):
MINIMUM LOT AREA 30,000 sq.ft.
MINIMUM FRONTAGE 75 ft.
MINIMUM FRONT SETBACK 20 ft.
MINIMUM SIDE/REAR SETBACK 15 ft.
MAXIMUM BUILDING HEIGHT 40 ft.
MAXIMUM LOT COVERAGE 60%
- ZONING INFORMATION LISTED HEREON IS BASED ON THE TOWN OF BARRINGTON ZONING ORDINANCE VERSION "20 2022 V17" AS AVAILABLE ON THE TOWN WEBSITE ON APRIL 26, 2023. ADDITIONAL REGULATIONS APPLY, AND REFERENCE IS HEREBY MADE TO THE EFFECTIVE ZONING ORDINANCE. THE LAND OWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE MUNICIPAL, STATE AND FEDERAL REGULATIONS.

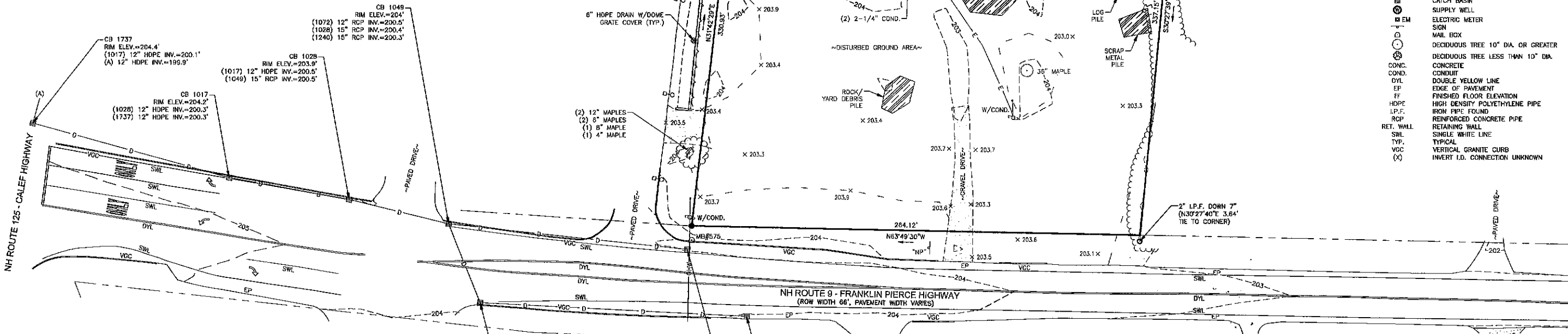


TAX MAP 238 LOT 16-21
BVP HOMEOWNERS ASSOCIATION
26 VILLAGE PLACE DR.
BARRINGTON, NH 03825
ZONE: VILLAGE DISTRICT



LEGEND

---	EXISTING LOT LINE
- - - -	APPROXIMATE ADJUTERS LINE
100	MAJOR CONTOUR LINE
99	MINOR CONTOUR LINE
---	RETAINING WALL
---	POST & RAIL FENCE
OHW	OVERHEAD WIRE
D	DRAIN LINE
W	WATER LINE
E	ELECTRIC LINE
---	TREE LINE
---	LIMITS OF DISTURBED GROUND
---	CRUSHED STONE
---	PILE
X 100.0	SPOT GRADE
○	PIPE/ROD FOUND
○	5/8" REBAR W/D CAP SET
○	FENCE POST
○	UTILITY POLE
○	UTILITY POLE & GUY WIRE
○	LIGHT POLE W/ARM
○	CATCH BASIN
○	SUPPLY WELL
○	ELECTRIC METER SIGN
○	MAIL BOX
○	DECIDUOUS TREE 10" DIA. OR GREATER
○	DECIDUOUS TREE LESS THAN 10" DIA.
CONC.	CONCRETE
CONC.	CONCRETE CONDUIT
DYL	DOUBLE YELLOW LINE
EP	EDGE OF PAVEMENT
FF	FURNISHED FLOOR ELEVATION
HDPE	HIGH DENSITY POLYETHYLENE PIPE
I.P.F.	IRON PIPE FOUND
RCP	REINFORCED CONCRETE PIPE
RET. WALL	RETAINING WALL
SWL	SINGLE WHITE LINE
TYP.	TYPICAL
VGC	VERTICAL GRANITE CURB
(X)	INVERT I.D. CONNECTION UNKNOWN



- REFERENCE PLANS:
- "CORRECTIVE SUBDIVISION PLAN LAND OF GEORGE A. CALEF LIVING REV. TRUST OF 2009 (TAX MAP 238, LOT 5, 1) AND A HARLAN CALEF REV. TRUST (TAX MAP 238, LOT 14) AND FREDERICK DREW III & CHERYL GOSCINSKI DREW (TAX MAP 238, LOTS 16 & 18) FOR HARBOR STREET LIMITED PARTNERSHIP FRANKLIN PIERCE HIGHWAY (ROUTE 9) BARRINGTON, NEW HAMPSHIRE" SHEETS 1-3 DATED SEPTEMBER 26, 2013 BY DOUCET SURVEY INC. S.C.R.D. PLAN 106-016, 106-017, 106-018.
 - "VILLAGE PLACE WELL EASEMENT PLAN FOR BARRINGTON VILLAGE PLACE LLC FRANKLIN PIERCE HIGHWAY (ROUTE 9) TAX MAP 238 LOT 16-21 BARRINGTON, NEW HAMPSHIRE" DATED APRIL 7, 2014 BY DOUCET SURVEY INC.
 - "STATE OF NEW HAMPSHIRE HIGHWAY DEPARTMENT PLANS OF PROPOSED FEDERAL AID PROJECT NO. FA 183(2) DATED 1939, ON FILE AT THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION.
 - "REVISED BOUNDARY SURVEY WALDRON B. HALEY BARRINGTON, N.H." DATED FEBRUARY 25, 1976 BY FREDERICK E. DREW ASSOCIATES S.C.R.D. PLAN 17A-27.
 - "SITE PLAN OF HALEY'S COMMON IN BARRINGTON, NH. SHOWING SITE PLAN OF TAX MAP 15 LOT 6 C&E. PREPARED FOR TERA MOE REALTY TRUST 43 STRATHAM HEIGHTS STRATHAM, NH 03865" DATED JANUARY 16, 2003 BY PARKER SURVEY & ENGINEERING S.C.R.D. PLAN 68-23.
 - "SUBDIVISION PLAT BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE PREPARED FOR A HARLAN CALEF REVOCABLE TRUST" DATED OCTOBER 20, 2005 BY ORVAS/DREW, LLC S.C.R.D. PLAN 82-45.

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

4/26/2023 DATE

L.L.S. #916

MICHAEL STEVEN



PLANNING BOARD
BARRINGTON, NH
APPROVED

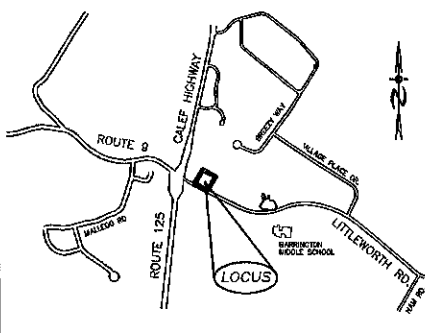
File Number **238-8-V-23-SR**

Date **May 16, 2023**
Chairman *[Signature]*

EXISTING CONDITIONS PLAN
FOR
BEALS ASSOCIATES, PLLC
OF
LAND OF GEORGE N. TSOUKALAS
TAX MAP 238, LOT 8
565 FRANKLIN PIERCE HIGHWAY (NH ROUTE 9)
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	DESCRIPTION	BY
3-1-23		REVS PER NOD	
DRAWN BY: J.R.P. DATE: FEBRUARY, 2023			
CHECKED BY: S.V.M. DRAWING NO. 7582B			
JOB NO. 7682 SHEET 1 OF 1			

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LOCATION MAP
1"=1500'

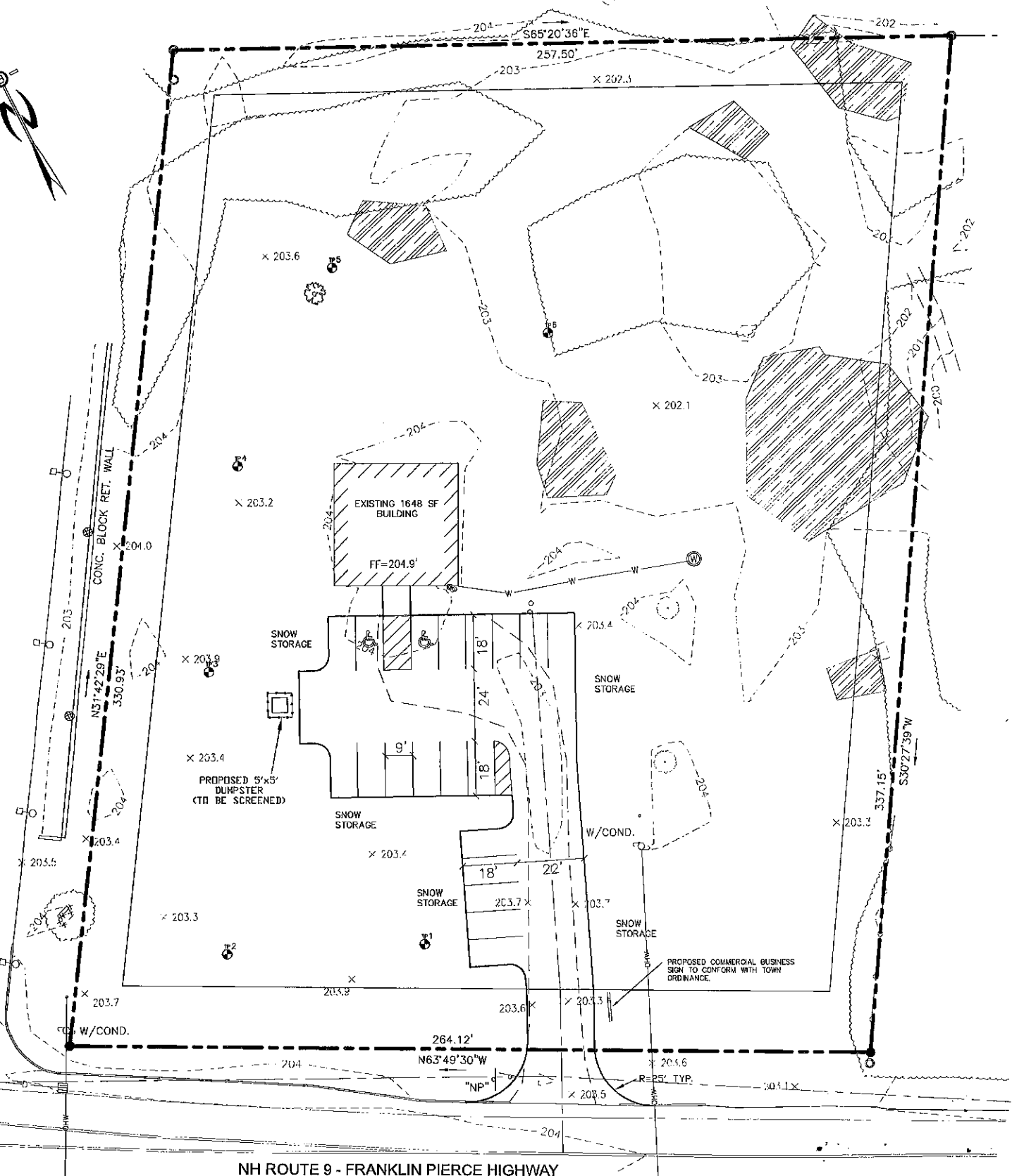
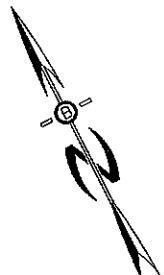
LEGEND

- UTILITY POLE
- TEST PIT W/ NO.
- STONE WALL
- TREE LINE
- EXISTING CONTOUR - 10'
- EXISTING CONTOUR - 2'
- OVERHEAD UTILITIES
- SOILS BOUNDARY LINE
- BUILDING SETBACK LINE
- ABUTTING PROPERTY LINE
- EXISTING PROPERTY LINE



UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN PLOTTED FROM FIELD OBSERVATION AND THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. NEITHER BEALS ASSOCIATES, NOR ANY OF THEIR EMPLOYEES TAKE RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND STRUCTURES AND/OR UTILITIES LOCATED PRIOR TO EXCAVATION

WORK BY CALLING 1-888-DIG-SAFE (1-888-344-7233).



PARKING CALCULATIONS:
RESTAURANT =
1/100 SF. = 1647 SF/100 = 16.5
TOTAL SPACES REQUIRED= 17
TOTAL SPACES PROVIDED= 19

ZONE: VILLAGE DISTRICT-NR
DIMENSIONAL REQUIREMENTS:
MIN. LOT AREA 30,000 sq. ft.
MIN. FRONTAGE 75 ft.
MIN. FRONT SETBACK 20 ft.
MIN. SIDE/REAR SETBACK 15 ft.
MIN. BUILDING HEIGHT 40 ft.
MAX. LOT COVERAGE 60 %

PREPARED FOR:
GEORGE N. TSOUKALAS
565 FRANKLIN PIERCE HIGHWAY
(NH ROUTE 9)
BARRINGTON, NEW HAMPSHIRE

BA
BEALS
ASSOCIATES, P.C.

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

- NOTES
1. UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN LOCATED FROM FIELD OBSERVATIONS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. BEALS ASSOCIATES OR ANY OF THEIR EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN, THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND UTILITIES OR STRUCTURES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 1-888-DIG-SAFE
 2. THIS PLAN HAS BEEN PREPARED FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS. THIS INCLUDES ANY UNFORESEEN CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS OF THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
 3. THE INTENT OF THIS PROPOSAL CONSISTS OF AN EXISTING 1,648 SF COMMERCIAL BUILDING, WITH PROPOSED ASSOCIATED PARKING AND DRAINAGE AREAS TO BE USED FOR THE ALLOWED USES.
 4. ALL ROAD AND DRAINAGE WORK TO CONFORM TO TOWN STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 5. ALL PROPOSED SIGNS SHALL CONFORM TO THE TOWN ZONING REGULATIONS.

PLANNING BOARD
BARRINGTON, NH
- APPROVED -

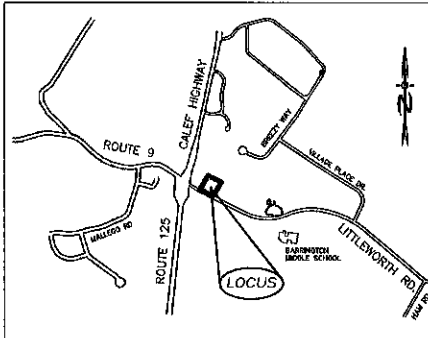
File Number 238-8-V-23-SR
Date May 16, 2023
Chairman [Signature]

PLANNING BOARD APPROVAL BLOCK

REVS PER NOD	3-1-23
REVISIONS:	DATE:
PARKING/PAVEMENT PLAN	
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 228, LOT 8	
DATE: JAN. 2023	SCALE: 1"=20'
PROJ. NO: NH-1445	SHEET NO. 2



NH ROUTE 9 - FRANKLIN PIERCE HIGHWAY



LOCATION MAP
1"=1500'

LEGEND

- UTILITY POLE
- TEST PIT W/ NO.
- STONE WALL
- TREE LINE
- EXISTING CONTOUR - 10'
- EXISTING CONTOUR - 2'
- OVERHEAD UTILITIES
- BUILDING SETBACK LINE
- ABUTTING PROPERTY LINE
- EXISTING PROPERTY LINE
- 4000 SF SEPTIC RESERVE AREA
- PROP. WELL W/ 75' PROTECTIVE RAD.

MAPPING STANDARDS:

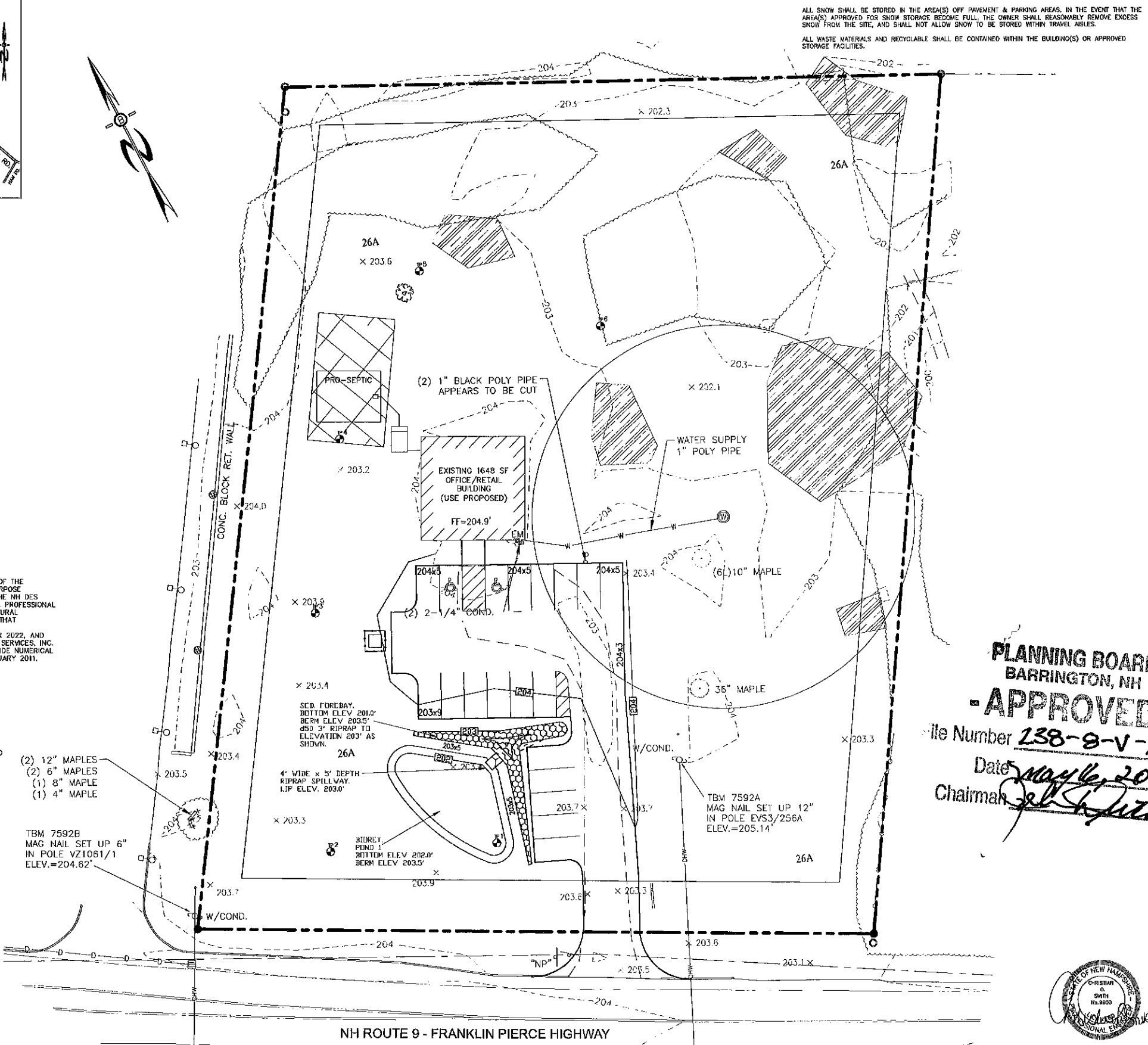
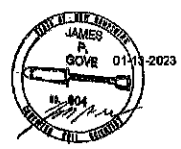
THIS MAP PRODUCT IS WITHIN THE TECHNICAL STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY. IT IS A SPECIAL PURPOSE PRODUCT, INTENDED FOR INFILTRATION REQUIREMENTS BY THE NH DES ALTERATION OF TERRAIN BUREAU. IT WAS PRODUCED BY A PROFESSIONAL SOIL SCIENTIST, AND IS NOT A PRODUCT OF THE USDA NATURAL RESOURCES CONSERVATION SERVICE. THERE IS A REPORT THAT ACCOMPANIES THIS MAP. THE SITE SPECIFIC SOIL SURVEY WAS PRODUCED SEPTEMBER 2022, AND WAS PREPARED BY JAMES GOVE, OF GOVE ENVIRONMENTAL SERVICES, INC. SOILS WERE IDENTIFIED WITH THE NEW HAMPSHIRE STATE-WIDE NUMERICAL SOILS LEGEND, USDA NRCS, DURHAM, NH, ISSUE # 10, JANUARY 2011.

SOIL LEGEND:

SOIL SERIES	MAP UNIT	SOIL NO.	HYDROLOGIC GROUP
WINDSOR	W5A	(111)	A

SLOPE CLASS:
0-8% = B
8-15% = C
15-25% = D
25-50% = E
>50% = F

DRAINAGE CLASS:
/P = POORLY DRAINED SOIL
/VP = VERY POORLY DRAINED



ALL SNOW SHALL BE STORED IN THE AREA(S) OFF PAVEMENT & PARKING AREAS. IN THE EVENT THAT THE AREA(S) APPROVED FOR SNOW STORAGE BECOME FULL, THE OWNER SHALL REASONABLY REMOVE EXCESS SNOW FROM THE SITE, AND SHALL NOT ALLOW SNOW TO BE STORED WITHIN TRAVEL AISLES.
ALL WASTE MATERIALS AND RECYCLABLE SHALL BE CONTAINED WITHIN THE BUILDING(S) OR APPROVED STORAGE FACILITIES.

PREPARED FOR:
GEORGE N. TSOUKALAS
565 FRANKLIN PIERCE HIGHWAY
(NH ROUTE 9)
BARRINGTON, NEW HAMPSHIRE

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

- NOTES
- UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN LOCATED FROM FIELD OBSERVATIONS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. BEALS ASSOCIATES OR ANY OF THEIR EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN, THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND UTILITIES OR STRUCTURES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 1-888-DIG-SAFE.
 - THIS PLAN HAS BEEN PREPARED FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS. THIS INCLUDES ANY UNOBTAINED CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS OF THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
 - ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
 - ALL ROAD AND DRAINAGE WORK TO CONFORM TO TOWN STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - ALL PROPOSED SIGNS SHALL CONFORM TO THE TOWN ZONING REGULATIONS.
 - PROJECT IS BASED ON USGS DATUM NAVD 1988.
 - THE LANDOWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL WETLAND REGULATIONS, INCLUDING ANY PERMITTING AND SETBACK REQUIREMENTS REQUIRED UNDER THESE REGULATIONS.
 - SEE DETAIL SHEET FOR STANDARD CONSTRUCTION NOTES AND DETAILS.
 - ALTERATION OF TERRAIN PERMIT RSA 485:A-17 IS NOT REQUIRED.
 - THIS SITE IS NOT LOCATED IN THE 100 YEAR FLOOD ZONE.

TOWN NOTES

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

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

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

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.

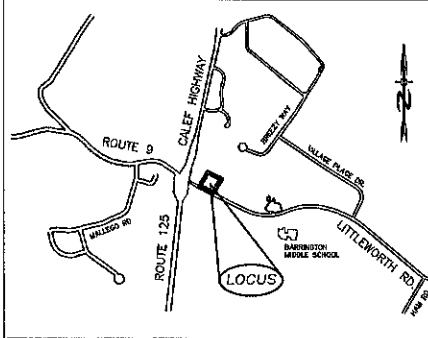
PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 238-8-V-23-SR
Date May 6, 2023
Chairman [Signature]

PLANNING BOARD APPROVAL BLOCK

REVS PER NOB	3-1-23
REVISIONS:	DATE:
GRADING, DRAINAGE & UTILITY PLAN	
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 228, LOT 8	
DATE: JAN 2023	SCALE: 1"=30'
PROJ. NO: NH-1445	SHEET NO. 3



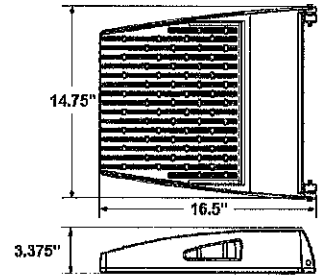
NH ROUTE 9 - FRANKLIN PIERCE HIGHWAY



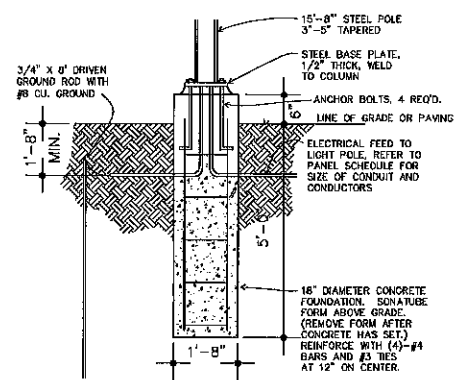
LOCATION MAP
1"=1500'

Illuminance (Fc)
Average = 1.1
Maximum = 2.0
Minimum = 0.3
Avg/Min Ratio = 3.67
Max/Min Ratio = 6.33

Symbol	Qty	Label	Arrangement	Description
	3	T4	Single	NV-1-T4-16L-1-40K-UNV-HSS

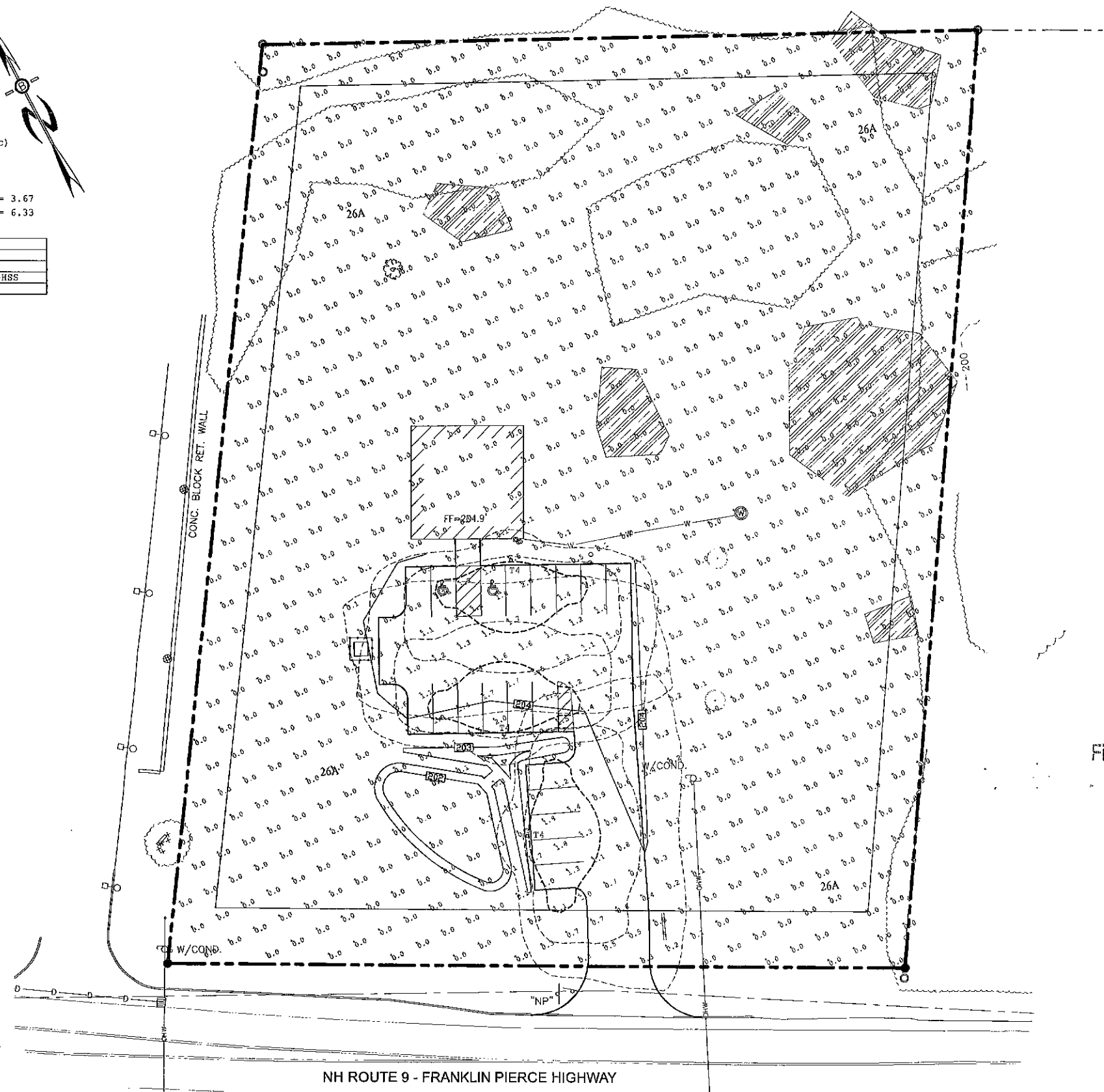


LUMINAIRE DETAIL



POLE FOUNDATION
LIGHT BASE DETAIL
SCALE: NONE

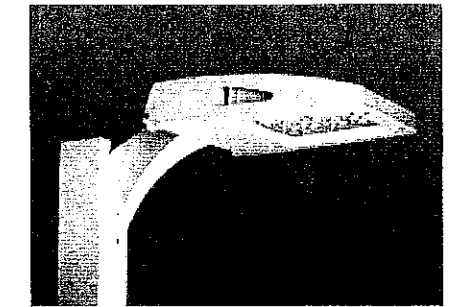
PLANNING BOARD APPROVAL BLOCK



PREPARED FOR:
GEORGE N. TSOUKALAS
 565 FRANKLIN PIERCE HIGHWAY
 (NH ROUTE 9)
 BARRINGTON, NEW HAMPSHIRE

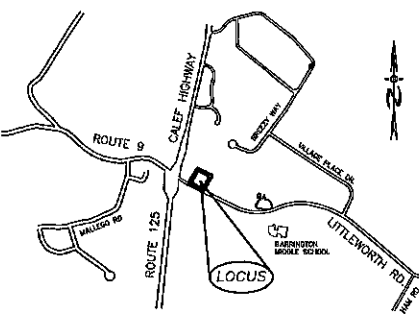
BA BEALS ASSOCIATES, PLLC
 70 PORTSMOUTH AVE,
 THIRD FLOOR, SUITE 2
 STRATHAM, N.H. 03885
 PHONE: 603-583-4860,
 FAX: 603-583-4863

- LIGHTING NOTES:**
1. ALL OUTDOOR LIGHTING SHALL BE SO DIRECTED & SHIELDED THAT NO GLARE WILL SPILL OUT ONTO RESIDENTIALLY ZONED PROPERTIES.
 2. AFTER 10:00 PM ONLY THAT AMOUNT OF LIGHT NECESSARY FOR THE SECURITY OF THE PREMISES SHALL BE PERMITTED.



PLANNING BOARD
 BARRINGTON, NH
- APPROVED -
 File Number 230-8-V-23-SR
 Date May 16, 2023
 Chairman [Signature]

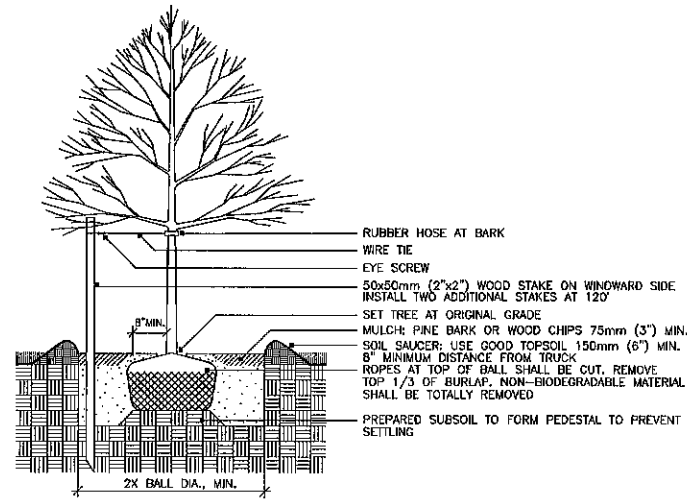
REVS PER MOD	3-1-23
REVISIONS:	DATE:
LIGHTING PLAN	
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 228, LOT 8	
DATE: JAN. 2023	SCALE: 1"=30'
PROJ. NO: NH-1445	SHEET NO. 4



LOCATION MAP
1"=1500'

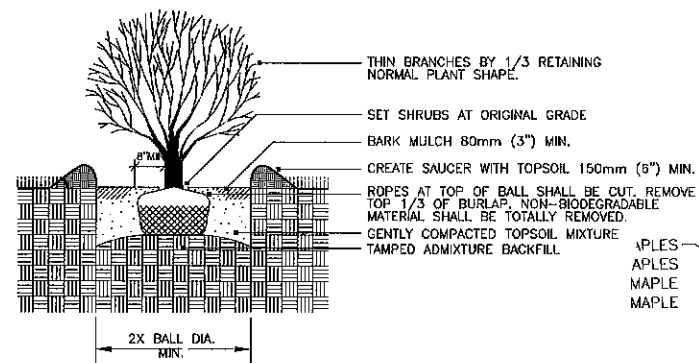
PLANTING NOTES:

1. NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
2. A 4-INCH DEEP SHREDDED PINE BARK SHALL BE INSTALLED UNDER ALL SHRUBS, AND IN ALL PLANTING BEDS, AS DIRECTED BY OWNER.
3. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
5. LOAM AND SEED ALL AREAS NOT OTHERWISE NOTED OR GRASSED.
6. DO NOT INSTALL LOAM IN AREAS OF EXISTING TREES TO REMAIN.
7. THE LANDSCAPING OF THE SITE DEPICTED ON THIS PLAN IS INTEGRAL TO THE APPROVAL BY THE BARRINGTON PLANNING BOARD AND SHALL BE REASONABLY MAINTAINED AND WHEN DEAD OR REMOVED, MUST BE REASONABLY REPLACED.



DECIDUOUS TREE PLANTING WITH STAKE AND WIRE TIE - HEAVY DUTY

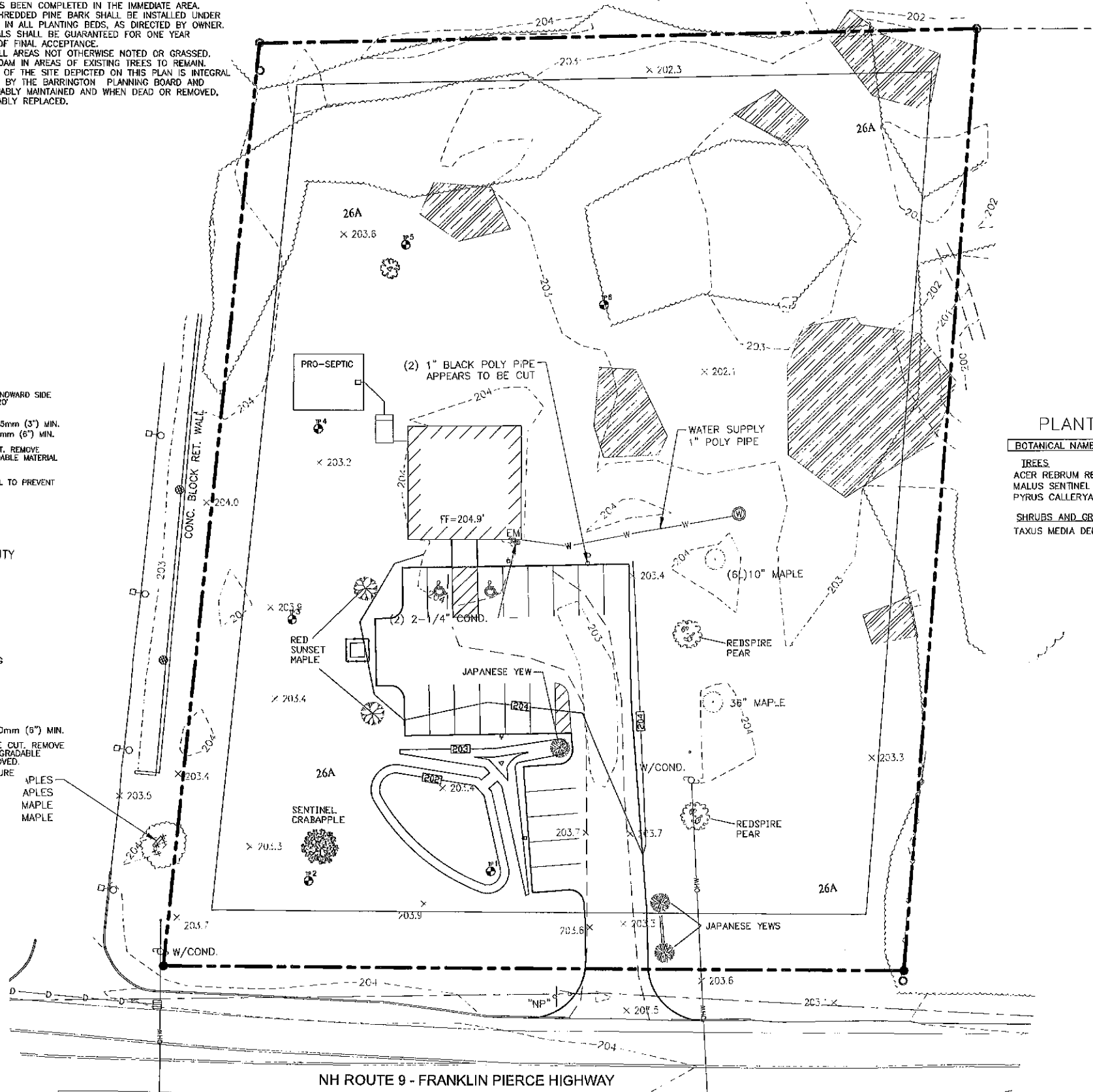
NOTE: STAKING TO BE USED IN PARKING ISLANDS AND OTHER CONFINED AREAS AS NECESSARY TO AVOID CONFLICTS WITH PEDESTRIANS



SHRUB PLANTING - BALL & BURLAP
NOT TO SCALE

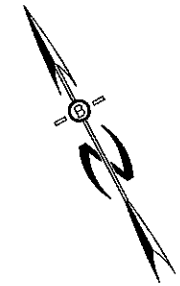
LEGEND

- UTILITY POLE
- STONE WALL
- - - TREE LINE
- OVERHEAD UTILITIES
- BUILDING SETBACK LINE
- ABUTTING PROPERTY LINE
- EXISTING PROPERTY LINE



PREPARED FOR:
GEORGE N. TSOUKALAS
585 FRANKLIN PIERCE HIGHWAY
(NH ROUTE 9)
BARRINGTON, NEW HAMPSHIRE

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



PLANT LIST

BOTANICAL NAME	COMMON NAME	SIZE AND SPEC.
TREES		
ACER REDRUM RED SUNSET	RED SUNSET MAPLE	2.5"-3" CAL. B&B
MALUS SENTINEL	SENTINEL CRABAPPLE	2" CAL. B&B
PYRUS CALLERYANA REDSPIRE	REDSPIRE PEAR	2.5"-3" CAL. B&B
SHRUBS AND GROUNDCOVERS		
TAXUS MEDIA DENSIFORMIS		

PLANNING BOARD
BARRINGTON, NH

- APPROVED -

File Number **238-8-V-23-82**

Date **May 16, 2023**

Chairman **John C. Fulk**

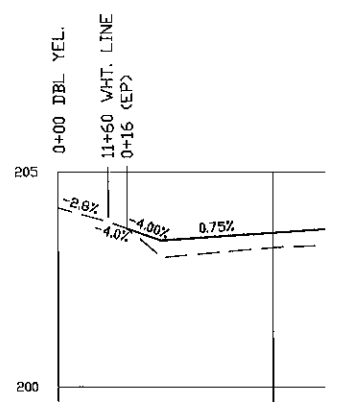
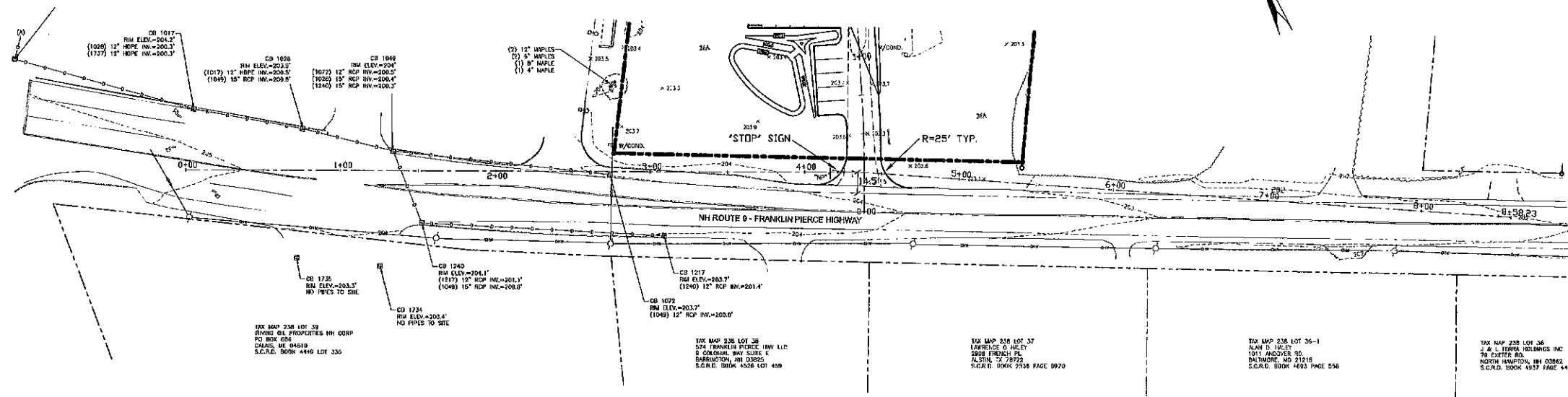
PLANNING BOARD APPROVAL BLOCK

REVS PER NOD	3-1-23
REVISIONS:	DATE:
LANDSCAPE PLAN	
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 228, LOT 8	
DATE: JAN. 2023	SCALE: 1"=30'
PROJ. NO: NH-1445	SHEET NO. 5

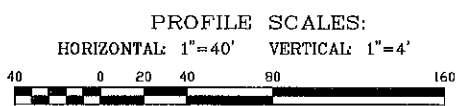
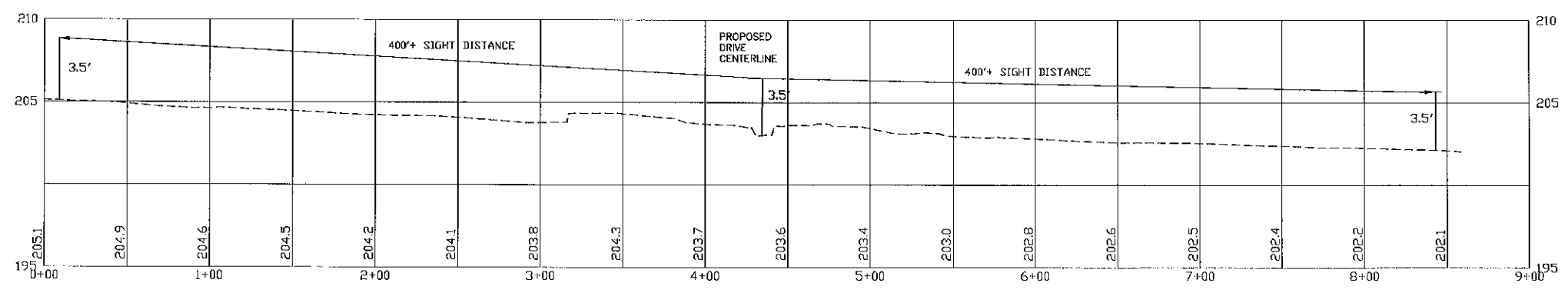
PREPARED FOR:
GEORGE N. TSOUKALAS
 565 FRANKLIN PIERCE HIGHWAY
 (NH ROUTE 9)
 BARRINGTON, NEW HAMPSHIRE



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



PROPOSED ROAD PROFILE
 SCALE: H:1"=20', V:1"=2'



REVISIONS:	DATE:

PLANNING BOARD
BARRINGTON, NH
- APPROVED -

File Number **238-8-V-23-SR**

Date **May 16, 2023**

Chairman *[Signature]*

HIGHWAY ACCESS PLAN

COMMERCIAL DEVELOPMENT
 ROUTE 9
 BARRINGTON, NH
 TAX MAP 228, LOT 8

DATE:	FEB. 2022	SCALE:	1" = 40'
PROJ. NO:	NH-1445	SHEET NO.	6

PREPARED FOR:
 GEORGE N. TSOUKALAS
 565 FRANKLIN PIERCE HIGHWAY
 (NH ROUTE 9)
 BARRINGTON, NEW HAMPSHIRE

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

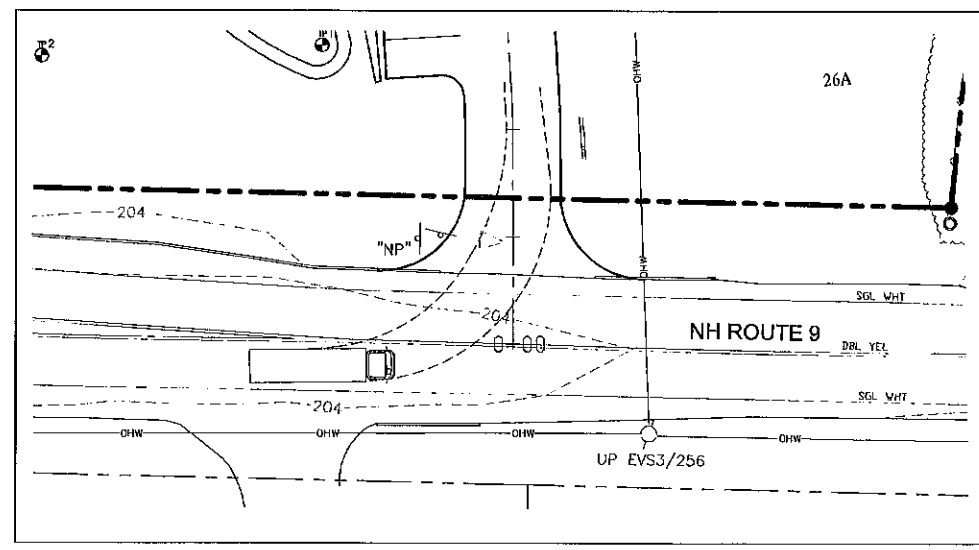
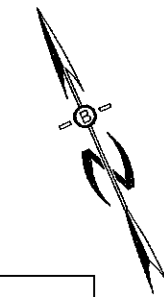
PLANNING BOARD
 BARRINGTON, NH

- APPROVED -

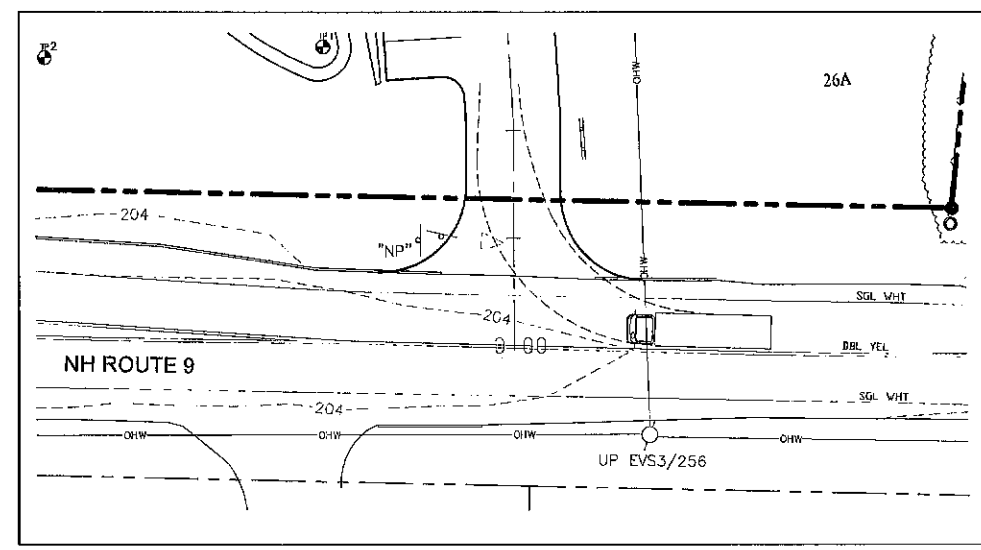
File Number **238-B-V-23-SR**

Date **11/01/2023**

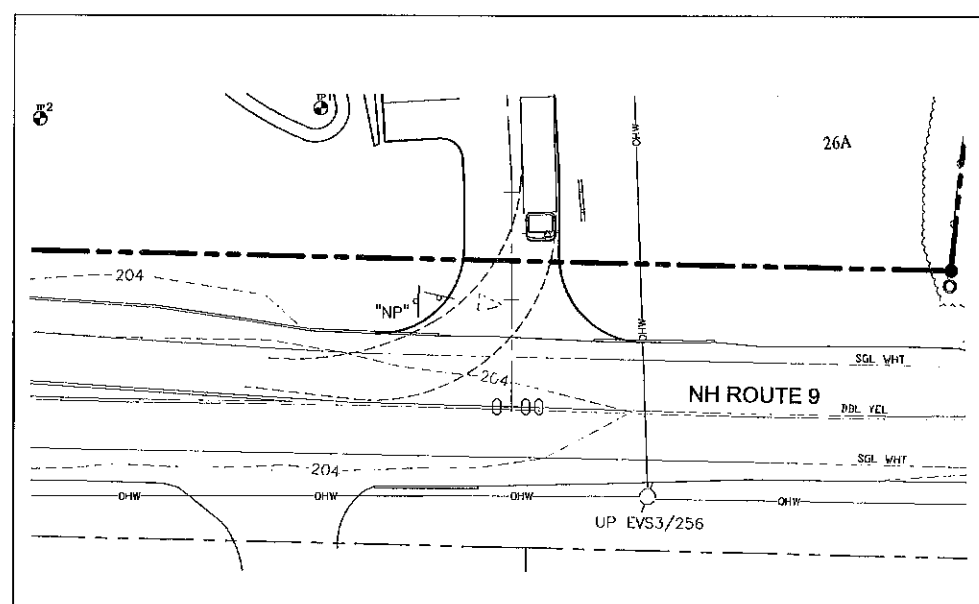
Chairman *J. [Signature]*



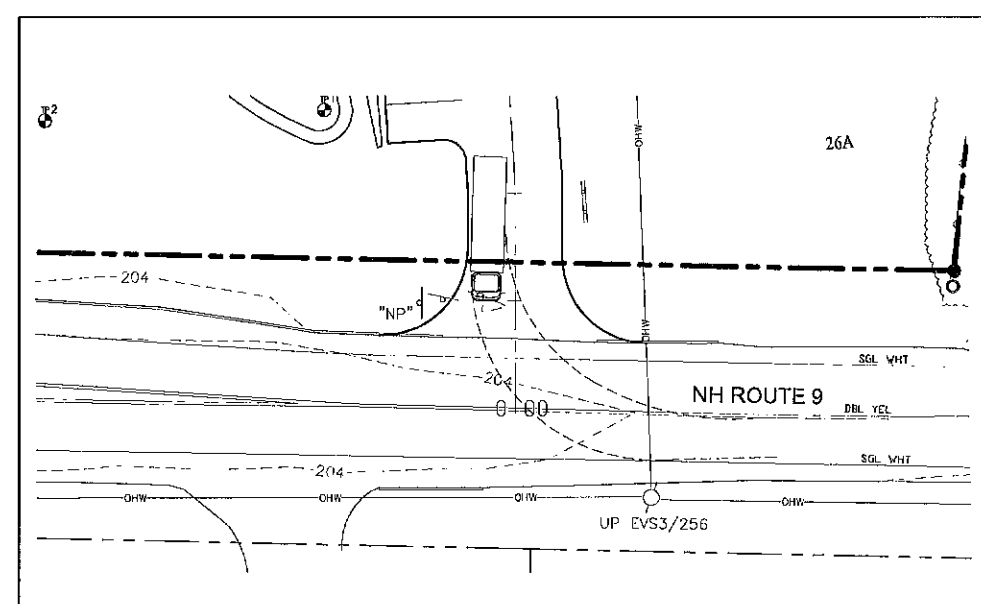
SU UTILITY TRUCK ENTERING EASTBOUND DETAIL
 SCALE: 1"=20'



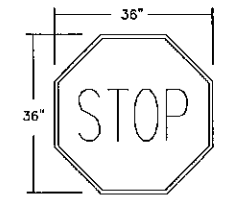
SU UTILITY TRUCK ENTERING WESTBOUND DETAIL
 SCALE: 1"=20'



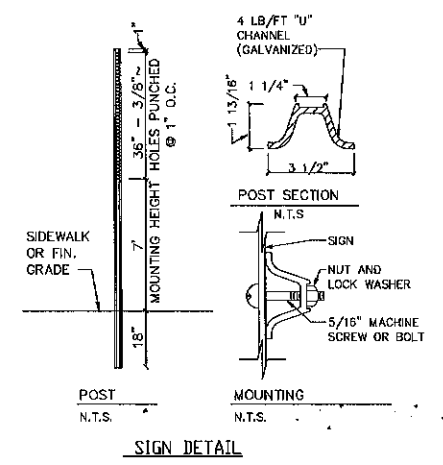
SU UTILITY TRUCK EXITING WESTBOUND DETAIL
 SCALE: 1"=20'



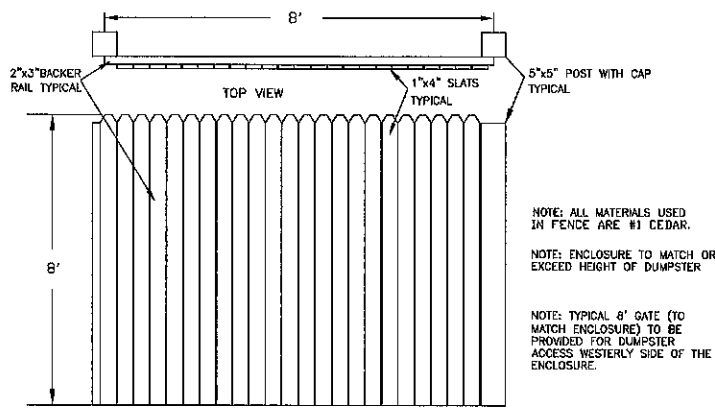
SU UTILITY TRUCK EXITING EASTBOUND DETAIL
 SCALE: 1"=20'



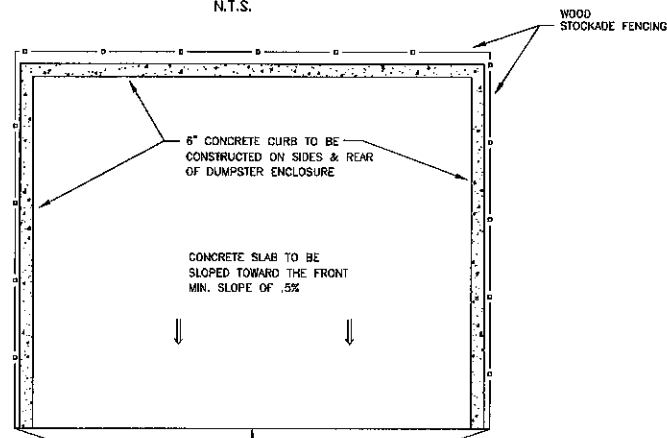
R1-1
 WHITE LETTERING
 ON RED



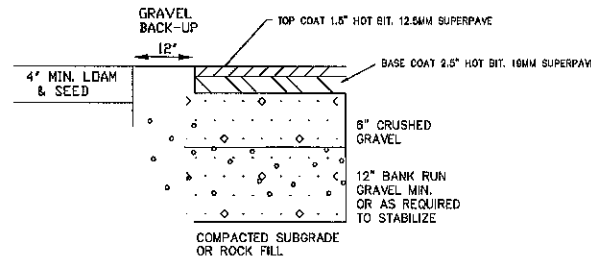
REVISIONS:	DATE:
ENTRANCE TURNING	
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 228, LOT 8	
DATE:	FEB. 2022
PROJ. NO.:	NH-1445
SCALE:	1"=20'
SHEET NO.:	6A



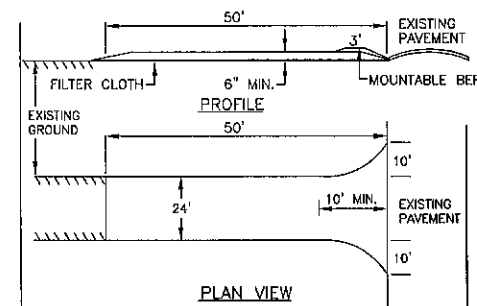
FRONT VIEW
STOCKADE FENCE DETAIL
N.T.S.



DUMPSTER SLAB DETAILS
N.T.S.

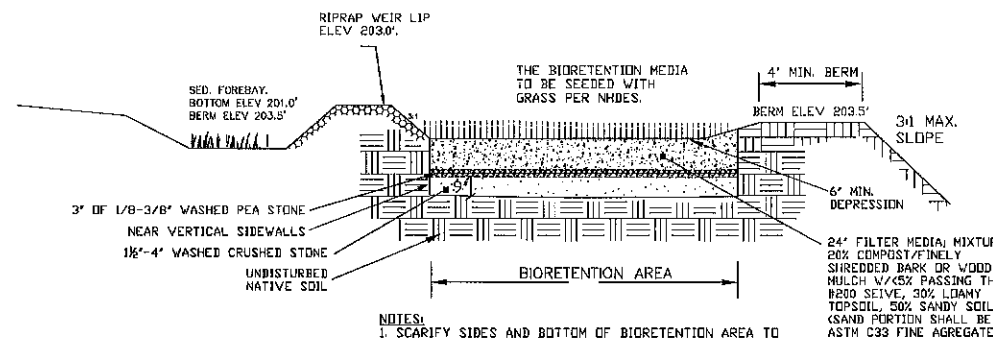


NOTE: IN AREAS OF ROCK EXCAVATION, MINIMUM 9" BANK RUN GRAVEL SHALL BE PLACED
TYPICAL PAVEMENT SECTION
NEW ASPHALT - NTS



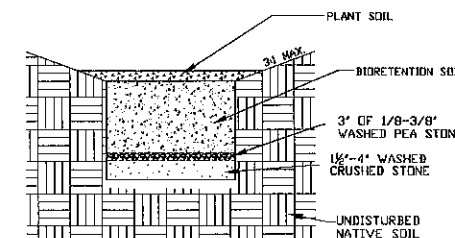
- STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
- 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.
- GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENCE LOT.
- 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.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

STABILIZED CONSTRUCTION ENTRANCE

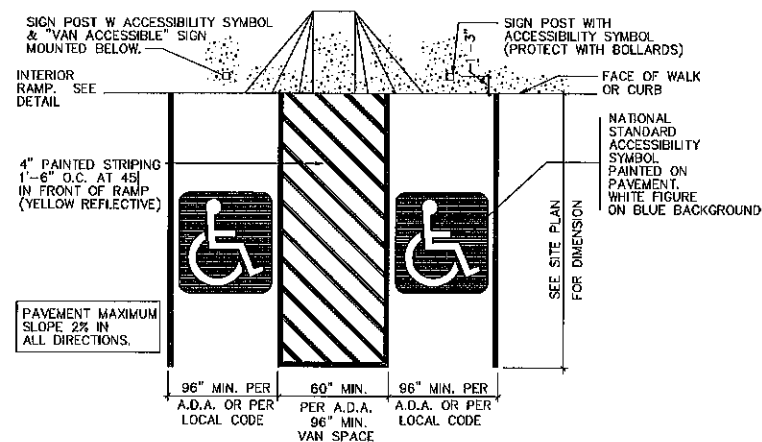


- NOTES:
1. SCARIFY SIDES AND BOTTOM OF BIORETENTION AREA TO FACILITATE NATURAL INFILTRATION RATES.
2. POND SURFACE TO BE FINISHED WITH 4" LOAM & SEED

BIORETENTION POND PROFILE DETAIL
NOT TO SCALE



BIORETENTION SECTION
NOT TO SCALE



PARKING STALL FOR THE PHYSICALLY CHALLENGED
NOT TO SCALE

CONSTRUCTION SEQUENCE

- CUT AND REMOVE TREES IN CONSTRUCTION AREAS AS REQUIRED OR DIRECTED.
- CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT SEDIMENT EROSION AND DETENTION CONTROL FACILITIES AS REQUIRED. EROSION, SEDIMENT AND DETENTION CONTROL FACILITIES SHALL BE INSTALLED AND STABILIZED PRIOR TO ANY EARTH MOVING OPERATION AND PRIOR TO DIRECTING RUNOFF TO THEM.
- CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. STUMPS AND DEBRIS ARE TO BE REMOVED FROM SITE AND DISPOSED OF PER STATE AND LOCAL REGULATIONS.
- EXCAVATE AND STOCKPILE TOPSOIL /LOAM. ALL AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
- CONSTRUCT TEMPORARY CULVERTS AS REQUIRED OR DIRECTED.
- CONSTRUCT THE ROADWAY AND ITS ASSOCIATED DRAINAGE STRUCTURES. ALL ROADWAYS, AND CUT/FILL SLOPES SHALL BE STABILIZED AND/OR LOAMED AND SEEDING WITHIN 72-HOURS OF ACHIEVING FINISH GRADE AS APPLICABLE.
- INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. ALL DISTURBED AREAS SHALL STABILIZED IMMEDIATELY AFTER GRADING.
- BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEEDING OR MULCHED AS REQUIRED, OR DIRECTED.
- DAILY OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE CHECK DAMS, DITCHES, SEDIMENT TRAPS, ETC. TO PREVENT EROSION ON THE SITE AND PREVENT ANY SILTATION OF ADJACENT WATERS OR PROPERTY.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE. SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
- ALL SWALES AND DRAINAGE STRUCTURES WILL BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUNOFF DIRECTED TO THEM.
- FINISH PAVING ALL ROADWAYS.
- LOT DISTURBANCE OTHER THAN THAT SHOWN ON THE APPROVED PLANS SHALL NOT COMMENCE UNTIL THE ROADWAY HAS THE CRUSHED STONE COURSE TO DESIGN ELEVATION/REQUIRED COMPACTION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.

PREPARED FOR:
GEORGE N. TSOUKALAS
565 FRANKLIN PIERCE HIGHWAY
(NH ROUTE 9)
BARRINGTON, NEW HAMPSHIRE

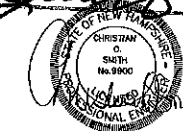


70 PORTSMOUTH AVE.,
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STRATHAM, N.H. 03885
PHONE: 603-583-4860,
FAX: 603-583-4863

PLANNING BOARD
BARRINGTON, NH
- APPROVED -

File Number **238-8-V-23-SR**

Date **JUN 16, 2023**
Chairman *[Signature]*

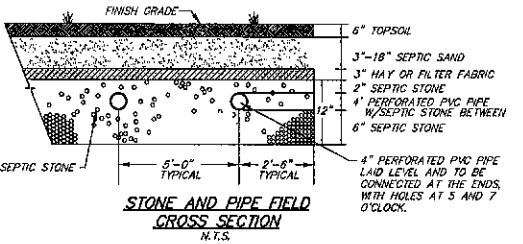
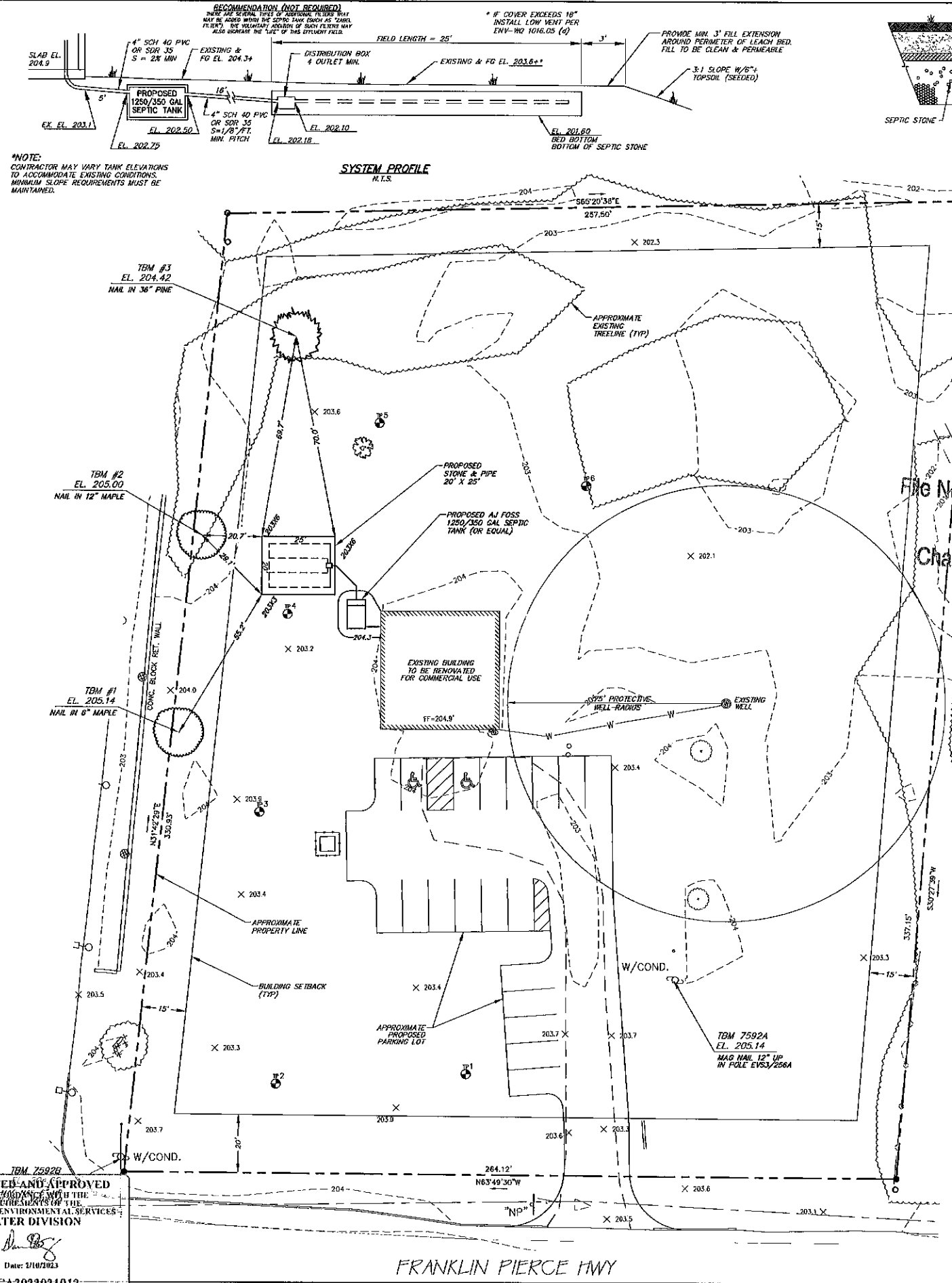


REVISIONS:	DATE:

CONSTRUCTION DETAILS D1

COMMERCIAL DEVELOPMENT
ROUTE 9
BARRINGTON, NH
TAX MAP 228, LOT 8

DATE:	JAN 2023	SCALE:	NTS
PROJ. NO:	NH-1445	SHEET NO.	7



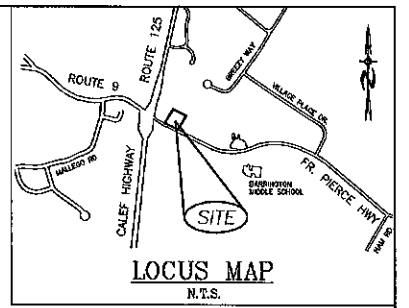
TEST PIT LOGS
TEST PITS PERFORMED BY BRIAN HOLDSWORTH
SEPTEMBER 15, 2022

TEST PIT #	DEPTH (')	DESCRIPTION
TEST PIT #1	0-12"	10 YR 3/4 DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
	12-26"	10 YR 4/4 DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
	26-40"	10 YR 6/4 LIGHT YELLOWISH BROWN, MEDIUM-COARSE SAND, SINGLE GRAIN, LOOSE
	40-72"	2.5Y 6/3 LIGHT OLIVE BROWN, FINE SAND, SINGLE GRAIN, LOOSE

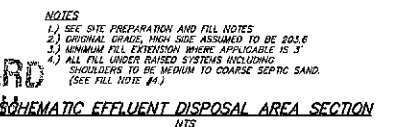
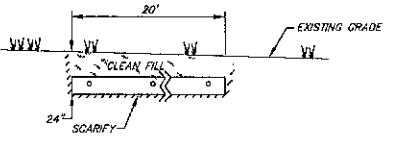
ESWT = NONE, REFUSAL: NONE, ROOTS TO 14 INCHES
OBSERVED GROUND WATER: NONE, RESTRICTIVE LAYER: NONE

TEST PIT #	DEPTH (')	DESCRIPTION
TEST PIT #2	0-24"	10YR 3/3 DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
	24-30"	10YR 4/6 DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
	30-78"	10YR 6/4 DARK BROWN, MEDIUM SAND, MASSIVE, LOOSE
		2.5Y 6/3 LIGHT YELLOWISH BROWN, FINE SAND, SINGLE GRAIN, LOOSE

ESWT = NONE, REFUSAL: NONE, ROOTS TO 48 INCHES
OBSERVED GROUND WATER: NONE, RESTRICTIVE LAYER: NONE



PLANNING BOARD APPROVED
BARRINGTON, NH
File Number 238-B-V-23-SP
Date APR 16, 2023
Chairman [Signature]



- GENERAL NOTES - STONE AND PIPE SYSTEMS**
- THIS PLAN DOES NOT REPRESENT A PROPERTY BOUNDARY SURVEY OR ENGINEERED SITE PLAN.
 - ANY DISCREPANCY BETWEEN THESE PLANS AND THE APPARENT FIELD CONDITIONS TO BE REPORTED TO THE DESIGNER BEFORE CONSTRUCTION.
 - BOUNDARY INFORMATION FROM ELECTRONIC SURVEY PLAN BY DORSET SURVEY INC.
 - ALL CONCRETE PRODUCTS ARE TO BE MANUFACTURED BY ALLECOSS OF FARMINGTON, N.H. OR EQUAL.
 - ALL SEPTIC TANKS MUST HAVE Baffles at Inlets, Outlets, and Between Compartments.
 - CONCRETE STRUCTURE TO BE WATER TIGHT, ALL JOINTS, Baffles, Outlets, ETC. TO BE SEALED WITH HIGH-SHORB GROUT - WATER FLOU, "BLOCK BAND", OR EQUAL.
 - SEPTIC TANK MUST BE A MINIMUM OF 5 FEET FROM FOUNDATION DRAIN. LEACH FIELD TO BE A MINIMUM OF 15 FEET FROM FOUNDATION DRAIN. OUTLET OF FOUNDATION DRAIN TO BE A MINIMUM OF 25 FEET FROM SEPTIC TANK AND EFFLUENT DISPOSAL AREA.
 - 4 INCH GRANTY SEWER TO BE SDR 35 OR SCHEDULE 40 PVC WHERE WELL IS <25' FROM SEPTIC TANK. 4 GRANTY SEWER TO BE SDR 28, FORCE MAINS TO BE SDR 28, SCHEDULE 40 PVC, OR POLYETHYLENE PIPE (POLY PIPE), 100-150 PSI RATING.
 - MINIMUM PIPE SLOPES: BUILDING TO TANK = 2% TANK TO D-BOX = 1% DISTRIBUTION BOX SHALL HAVE FLOW EQUALIZER OUTLET FITTINGS, UNLESS SYSTEM UTILIZES A PUMP.
 - SYSTEM MUST BE INSPECTED AND APPROVED BY NH-DES PRIOR TO BACKFILLING.
 - EFFLUENT DISPOSAL AREA MAY BE REBUILT IN PLACE, SHOULD FAILURE OCCUR, PROVIDED THAT THE REQUIREMENTS OF ADMINISTRATIVE RULE ENRHS 1003.10 ARE MET.
 - REFER TO MANUFACTURER'S RECOMMENDATIONS FOR PROPER INSTALLATION OF PLASTIC TANK. BUOYANCY CONTROL MEASURES MAY BE REQUIRED AND ARE RECOMMENDED BY BEALS ASSOCIATES, INC.

- SITE PREPARATION AND FILL**
- CHECK DESIGN INTENT AND VERIFY THE ELEVATION OF EXISTING GROUND (UPSLOPE SIDE) BEFORE DISTURBING SITE. THE "DESIGN INTENT" MUST BE MAINTAINED.
 - REMOVE ALL TREES, BRUSH, BRACKERS, AND DEBRIS FROM THE AREA TO BE FILLED AND 10' AROUND. STUMPS NOT TO BE BURIED WITHIN 75' OF EFFLUENT DISPOSAL AREA, UNLESS UPSLOPE (30' MIN).
 - REMOVE TOPSOIL, LEAVE SUBSOIL IN PLACE. DO NOT COMPACT SUBSOIL WITH MACHINERY. SCARIFY WITH 10TH OF EXCAVATOR BEFORE PLACING FILL. SCARIFY PARALLEL WITH CONTOURS, WORKING FROM THE CENTER OUTWARD. SOIL MUST BE DRY PRIOR TO PREPARATION.
 - MATERIAL SPECIFICATIONS:**
DESIGN: 6" OF CLEAN LOAM TO BE PLACED AS BLANKET ON TOP AND SIDE SLOPES.
CLEAN FILL: PERMEABLE SOIL FREE OF ROOTS, BRUSH, GRASS, AND STUMP GREATER THAN 3".
SEPTIC SAND: FILL TO EXTEND BED BOTTOM PAST ORIGINAL GRADE AND FOR THE SIDE SLOPES AS SHOWN ON THE SCHEMATIC FILL SECTION 4" TO MEET THE FOLLOWING SPECIFICATIONS: MEDIUM TO COARSE TEXTURED SAND, NO GREATER THAN 5% PASSING THE NUMBER 200 SIEVE, AND NO PARTICLES LARGER THAN 3".
SEPTIC STONE: USE CLEAN 1" STONE WITH A RANGE OF 0.75" TO 2.5" AND FREE OF FINES, IN ACCORDANCE WITH ENV-WIS TABLE 1014-2. CRUSHED GRANITE MUST BE THOROUGHLY WASHED TO MINIMIZE THE POTENTIAL CLOGGING EFFECT OF STONE DUST.
 - SEPTIC STONE TO BE PLACED ON TOP PREPARED SURFACE FROM THE SIDE. DO NOT ALLOW EQUIPMENT ON THE SCARIFIED SOIL SURFACE. FILL BETWEEN PIPES TO BE CAREFULLY PLACED WITH EXCAVATOR.
 - WHEN FILL IS REQUIRED TO EXTEND BED BOTTOM BEYOND ORIGINAL GRADE, PLACE FILL IN 12" LOOSE LAYERS USING A TRACK TYPE TRACTOR WITH BLADE. ALWAYS KEEP A MINIMUM OF 9" OF FILL MATERIAL BETWEEN TRACKS OF TRACTOR TO AVOID COMPACTION OF MATERIAL SOIL. EACH LAYER BE SPREAD IN UNIFORM THICKNESS PRIOR TO PLACING NEXT LAYER. CONTINUOUS ROLLING AND SHARPING SHALL BE CARRIED OUT TO ASSURE UNIFORM DENSITY THROUGHOUT EACH LAYER.
 - ENTIRE FILLED AREA SHOULD BE COVERED WITH TOPSOIL, SEED, AND MULCH IMMEDIATELY AFTER BACKFILLING TO PREVENT EROSION.
 - BACKFILL DEPTH OVER SYSTEM TO BE 12"-24" DROWN 24 MIN. TO PROVIDE RIMPFT. SYSTEM BACKFILL WITH MORE THAN 18" MUST BE WATERED.

- OPERATION AND MAINTENANCE**
- IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN THIS SYSTEM IN ACCORDANCE WITH THESE "OPERATION AND MAINTENANCE" INSTRUCTIONS.
 - EVERY SYSTEM'S DESIGN CAPACITY IS LIMITED. CAREFUL AND REASONABLE WATER USE IS REQUIRED TO MAXIMIZE THE SYSTEM'S LIFE.
 - THIS SYSTEM MUST BE OPERATED WITHIN ITS DESIGN CAPACITY. THE AVERAGE DAILY FLOW TO THE EFFLUENT DISPOSAL AREA SHOULD BE NO MORE THAN 1/2 ITS APPROVED DESIGN CAPACITY.
 - SYSTEM IS NOT DESIGNED TO HANDLE WASTE FROM A SEWAGE EJECTOR PUMP.
 - SYSTEM IS NOT DESIGNED FOR A GARBAGE DISPOSAL.
 - DO NOT DISPOSE OF GREASE, CHEMICALS, SOLVENTS ETC. IN THIS SYSTEM.
 - IT IS NOT RECOMMENDED THAT THE BACKWASH FROM WATER SOFTENERS BE DISCHARGED INTO THE SEPTIC SYSTEM. CURRENT NH-DES RULES ALLOW THAT WATER SOFTENER BACKWASH BE DISCHARGED TO A SEPARATE DRYWELL. NO DESIGN OR APPROVAL IS REQUIRED FOR THIS.
 - SEPTIC TANK MUST BE PUMPED BY A LICENSED HAULER AT LEAST EVERY TWO YEARS. KEEP PUMPING RECORD AS PROOF OF MAINTENANCE. CHECK TANK YEARLY. IF SLUDGE AND SURFACE SCUM EXCEED 1/3 OF LIQUID DEPTH, HAVE TANK PUMPED.
 - DO NOT ALLOW VEHICULAR TRAFFIC OVER ANY COMPONENT OF SYSTEM UNLESS THAT STRUCTURE IS DESIGNED TO WITHSTAND AN 12,000 WHEEL LOAD.
 - THE OWNER SHOULD KEEP A COPY OF THIS PLAN WITH HIS/HER IMPORTANT DOCUMENTS FOR FUTURE REFERENCE. THIS PLAN SHOULD BE PROVIDED TO FUTURE OWNER. COPIES ARE AVAILABLE FROM THIS OFFICE.
 - IF THIS DESIGN UTILIZES A LABEL FILTER, HAVE FILTER CLEANED WHEN TANK IS PUMPED. IF THERE ARE ANY SIGNS OF PLUMBING BACKUP, CALL PUMPER AND HAVE TANK AND FILTER CLEANED.

DESIGN NOTES
PERC RATE: 2 MIN/IN
DEPTH: 24 INCHES
DESIGN PERC RATE: 4 MIN/IN

HYDRAULIC LOADING:
1650 SF UNSPECIFIED OFFICE SPACE = 83 GPD, OR
1850 SF DRY GOOD STORE W/3 EMPLOYEES = 133 GPD
SYSTEM DESIGNED FOR 300 GPD (COMMERCIAL)

EFFLUENT DISPOSAL AREA:
REQUIRED: 1200 SF
PROVIDED: 20' X 25' = 500 SF

SEPTIC TANK:
REQUIRED: 1250 GAL
PROVIDED: 1250/350 GAL

NEAREST ABUTTING WELL: 75'+
NEAREST SURFACE WATER: 75'+
NEAREST POORLY DRAINED WETLAND: 50'+
NEAREST VERY POORLY DRAINED WETLAND: 75'+

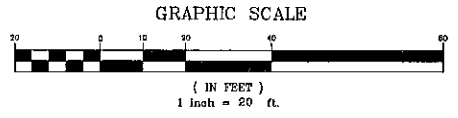
USCS SOIL CLASSIFICATION:
MVA - WHDSOR
WEB SOIL SURVEY

BENCH MARKS: AS SHOWN

DESIGN INTENT:
THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT EL. 201.60

THIS IS APPROXIMATELY 24" (2.0') BELOW THE ORIGINAL GROUND ON THE HIGH CONTOUR OF THE EFFLUENT DISPOSAL SYSTEM, EL. 203.60

DIMENSIONS - EFFLUENT DISPOSAL AREA:
WIDTH = 20.0'
LENGTH = 25.0'
DIAGONAL = 32.0'



SITE NOTES:

- GRADING SHOWN IS FOR SEPTIC SYSTEM ONLY. ADDITIONAL GRADING IS AT THE DISCRETION OF THE CONTRACTOR AND/OR OWNER.
- PER ENV-WD 1003.13 (A)(3) THERE ARE NO KNOWN CEMETERIES LOCATED WITHIN 100' OF ANY PART OF THE EFFLUENT DISPOSAL SYSTEM. NO CONSTRUCTION TO TAKE PLACE WITHIN 25' OF BURIAL SITE, SEE ENV-WD 100B.04(F).
- NH-DES REQUIRES A PERIMETER DRAIN IF THE SLAB IS LESS THAN 18" TO THE SHWT. CERTAIN TOWNS REQUIRE A PERIMETER DRAIN AT ALL TIMES - CHECK LOCAL REGULATIONS. IT IS THE RECOMMENDATION OF THIS OFFICE A PERIMETER DRAIN BE INSTALLED REGARDLESS.
- BEST MANAGEMENT PRACTICES ARE TO BE FOLLOWED DURING ALL CONSTRUCTION TO PREVENT SITE ALTERATION THAT MAY CAUSE EROSION AND/OR DRAINAGE ISSUES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT THE FOUNDATION IN SUCH A MANNER AS TO PREVENT WATER INFILTRATION IN THE BASEMENT.

****THIS PLAN IS NOT A SURVEY****
THE BUILDER/SITE CONTRACTOR IS RESPONSIBLE TO CONFIRM THE ZONING DIMENSIONAL REQUIREMENTS AND SETBACK LINE REQUIREMENTS PRIOR TO INITIATING CONSTRUCTION OF THE PROPOSED HOUSE AND SEPTIC SYSTEM. THE ZONING ORDINANCE OF THE MUNICIPALITY IS TO BE COMPLIED WITH. THE BUILDER/SITE CONTRACTOR IS ALSO RESPONSIBLE TO CONTACT THE MUNICIPALITY REGARDING INSPECTIONS PRIOR TO AND DURING CONSTRUCTION, I.E. LOCATION AND BED-BOTTOM INSPECTIONS. THIS PLAN IS NOT INTENDED TO BE USED AS A SITE PLAN.

WETLAND NOTES
SITE EVALUATION HAS BEEN PERFORMED PER ENV-WD 1014.06. NO WETLANDS FOUND WITHIN 75' OF SYSTEM.

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT. OF ENVIRONMENTAL SERVICES - WATER DIVISION
Date: 2/16/2023
#CA2023021012

OWNER OF RECORD
GEORGE TSOUKALAS
P.O. BOX 584
BARRINGTON, NH 03825
BOOK 5024, PAGE 397

DESIGNER STAMP
NEW HAMPSHIRE
Subsurface Disposal Systems
Brian E. Holdsworth
No. 1881
Department of Environmental Services

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

REVISIONS:	DATE:

EFFLUENT DISPOSAL PLAN

PLAN FOR: GEORGE TSOUKALAS
TAX MAP 238, LOT 8
565 FRANKLIN PIERCE HWY
BARRINGTON, NH

DATE: JANUARY 2023 SCALE: 1" = 20'
PROJ. NO: NH-1445 SHEET NO. 8