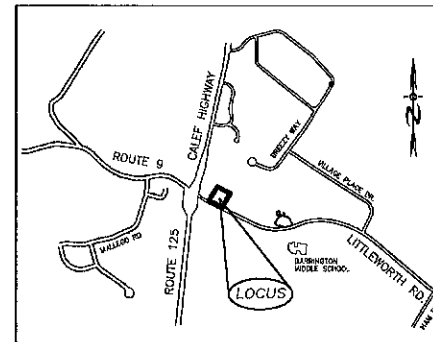


# COMMERCIAL SITE PLAN

## 565 FRANKLIN PIERCE HIGHWAY

### (NH ROUTE 9)

## TAX MAP 238, LOT 8



LOCATION MAP  
1"=1500'

PLAN INDEX

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JAN 18 2023

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



REQUIRED PERMITS  
 NHDOT DRIVEWAY ACCESS PERMIT #  
 NHDES SEPTIC APPROVAL NUMBER: (PENDING)

PLANNING BOARD APPROVAL BLOCK


**COVER SHEET**

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

PROJ. NO: NH-1445      DATE: NOV. 2022

**WETLAND/SOIL CONSULTANT:**

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

**LAND SURVEYORS:**

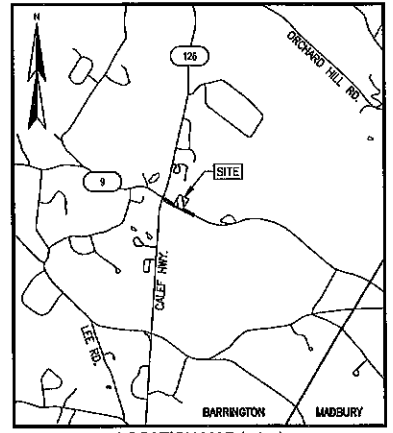
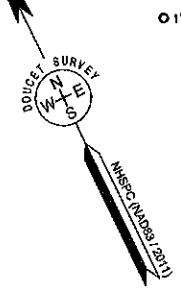


**CIVIL ENGINEERS:**

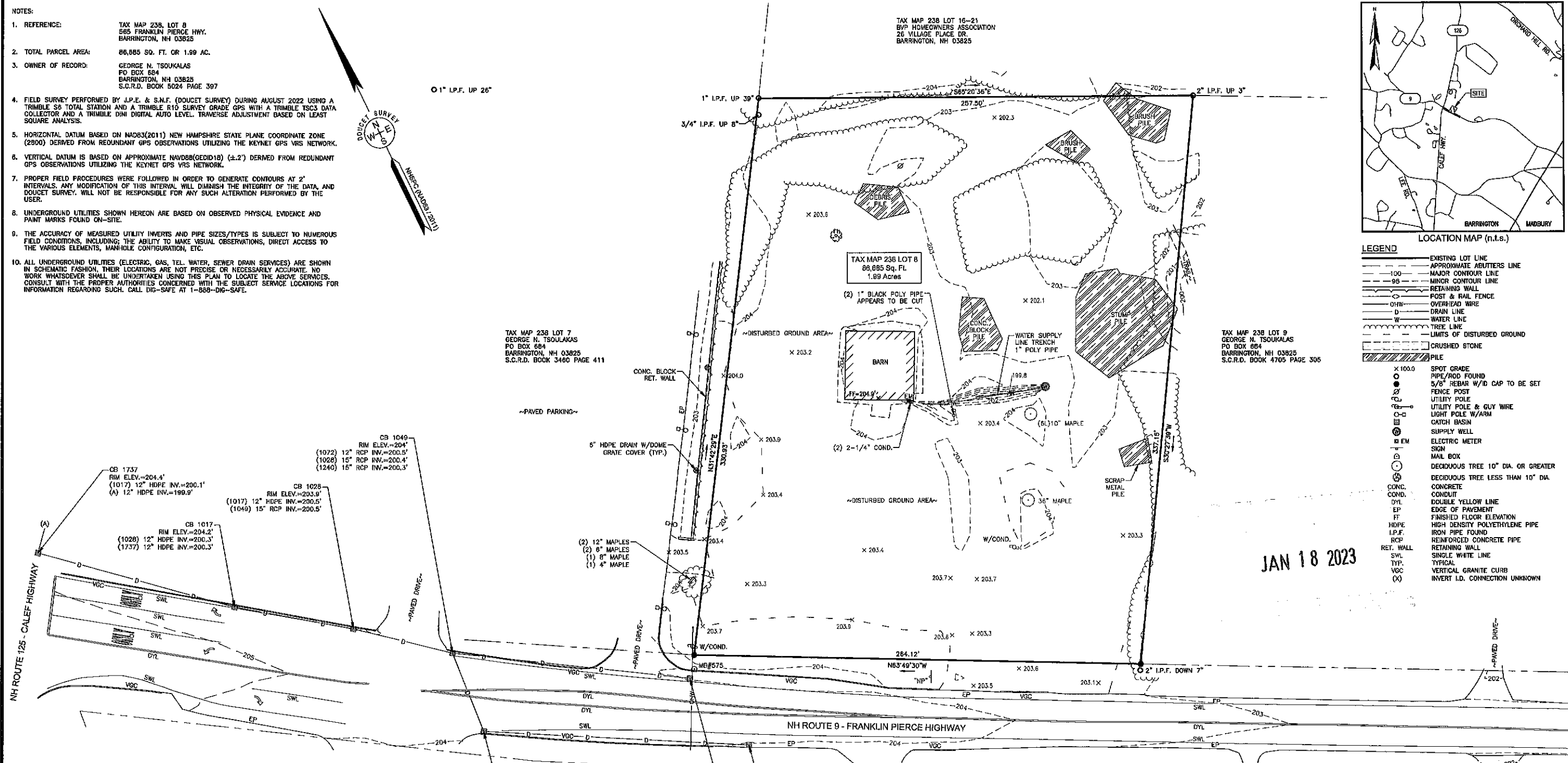
**BA BEALS**  
 ASSOCIATES, PLLC  
 70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860,  
 FAX: 603-583-4863

NOTES:

1. REFERENCE: TAX MAP 238, LOT 8  
585 FRANKLIN PIERCE HWY.  
BARRINGTON, NH 03825
2. TOTAL PARCEL AREA: 86,885 SQ. FT. OR 1.99 AC.
3. OWNER OF RECORD: GEORGE N. TSOUKALAS  
PO BOX 884  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 5024 PAGE 397
4. FIELD SURVEY PERFORMED BY J.P.E. & S.M.F. (DOUCET SURVEY) DURING AUGUST 2022 USING A TRIMBLE S6 TOTAL STATION AND A TRIMBLE R10 SURVEY GRADE GPS WITH A TRIMBLE TSC3 DATA COLLECTOR AND A TRIMBLE DHI DIGITAL AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
5. HORIZONTAL DATUM BASED ON NAD83(2011) NEW HAMPSHIRE STATE PLANE COORDINATE ZONE (2800) DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
6. VERTICAL DATUM IS BASED ON APPROXIMATE NAVD83(GEOD18) (±2') DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
7. PROPER FIELD PROCEDURES WERE FOLLOWED IN ORDER TO GENERATE CONTOURS AT 2' INTERVALS. ANY MODIFICATION OF THIS INTERVAL WILL DIMINISH THE INTEGRITY OF THE DATA, AND DOUCET SURVEY WILL NOT BE RESPONSIBLE FOR ANY SUCH ALTERATION PERFORMED BY THE USER.
8. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON OBSERVED PHYSICAL EVIDENCE AND PAINT MARKS FOUND ON-SITE.
9. 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.
10. 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.



- LEGEND
- EXISTING LOT LINE
  - APPROXIMATE ABUTTERS LINE
  - 100 MAJOR CONTOUR LINE
  - 95 MINOR CONTOUR LINE
  - RETAINING WALL
  - POST & RAIL FENCE
  - OVERHEAD WIRE
  - DRAIN LINE
  - WATER LINE
  - TREE LINE
  - LIMITS OF DISTURBED GROUND
  - CRUSHED STONE
  - PILE
  - X 100.0 SPOT GRADE
  - PIPE/ROD FOUND
  - 5/8" REBAR W/D CAP TO BE 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. CONDUIT
  - DYLL
  - DOUBLE YELLOW LINE
  - EDGE OF PAVEMENT
  - FF FINISHED FLOOR ELEVATION
  - HDPE HIGH DENSITY POLYETHYLENE PIPE
  - IRON PIPE FOUND
  - REINFORCED CONCRETE PIPE
  - RETAINING WALL
  - SWL SINGLE WHITE LINE
  - TYP. TYPICAL
  - VGC VERTICAL GRANITE CURB
  - (X) INVERT I.D. CONNECTION UNKNOWN



JAN 18 2023

- REFERENCE PLANS:
1. "CORRECTIVE SUBDIVISION PLAN LAND OF GEORGE A. CALEF LIVING REV. TRUST OF 2008 (TAX MAP 238, LOT 9.1) AND A. HARLAN CALEF REV. TRUST (TAX MAP 238, LOT 14) AND FREDERICK DREW II & 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.
  2. "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.
  3. "STATE OF NEW HAMPSHIRE HIGHWAY DEPARTMENT PLANS OF PROPOSED FEDERAL AID PROJECT NO. FA 185(2)" DATED 1939, ON FILE AT THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION.
  4. "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.
  5. "SITE PLAN OF HALEY'S COMMON IN BARRINGTON, NH. SHOWING SITE PLAN OF TAX MAP 15 LOT 6 C&E. PREPARED FOR TERA VIDE REALTY TRUST 43 STRATHAM HEIGHTS STRATHAM, NH 03885" DATED JANUARY 16, 2003 BY PARKER SURVEY & ENGINEERING S.C.R.D. PLAN 68-23.
  6. "SUBDIVISION PLAT BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE PREPARED FOR A. HARLAN CALEF REVOCABLE TRUST" DATED OCTOBER 20, 2005 BY ORVIS/DREW, LLC S.C.R.D. PLAN 82-45.

TAX MAP 238 LOT 7  
GEORGE N. TSOUKALAS  
PO BOX 884  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 3460 PAGE 411

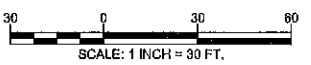
TAX MAP 238 LOT 8  
86,885 Sq. Ft.  
1.99 Acres

TAX MAP 238 LOT 9  
GEORGE N. TSOUKALAS  
PO BOX 884  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4705 PAGE 305

TAX MAP 238 LOT 39  
IRVING OIL PROPERTIES NH CORP  
PO BOX 888  
CALAIS, ME 04619  
S.C.R.D. BOOK 4449 LOT 335

TAX MAP 238 LOT 38  
574 FRANKLIN PIERCE HWY LLC  
9 COLONIAL WAY SUITE E  
BARRINGTON, NH 03825  
S.C.R.D. BOOK 4525 LOT 459

TAX MAP 238 LOT 37  
LAWRENCE G HALEY  
2908 FRENCH PL  
AUSTIN, TX 78722  
S.C.R.D. BOOK 2538 PAGE 6970

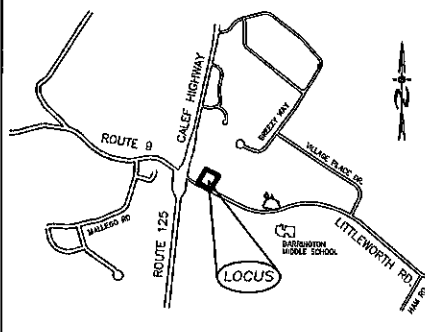


NO.	DATE	DESCRIPTION	BY

DRAWN BY: J.R.P.	DATE: AUGUST 22, 2022
CHECKED BY: S.V.M.	DRAWING NO. 7592A
JOB NO. 7592	SHEET 1 OF 1

**DOUCET SURVEY**  
Serving Your Professional Surveying & Mapping Needs  
102 Kent Place, Newmarket, NH 03857 (603) 659-8560  
Offices in Bedford & Keene, NH and Kennebunk, ME  
<http://www.doucetsurvey.com>

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



LOCATION MAP  
1"=1500'

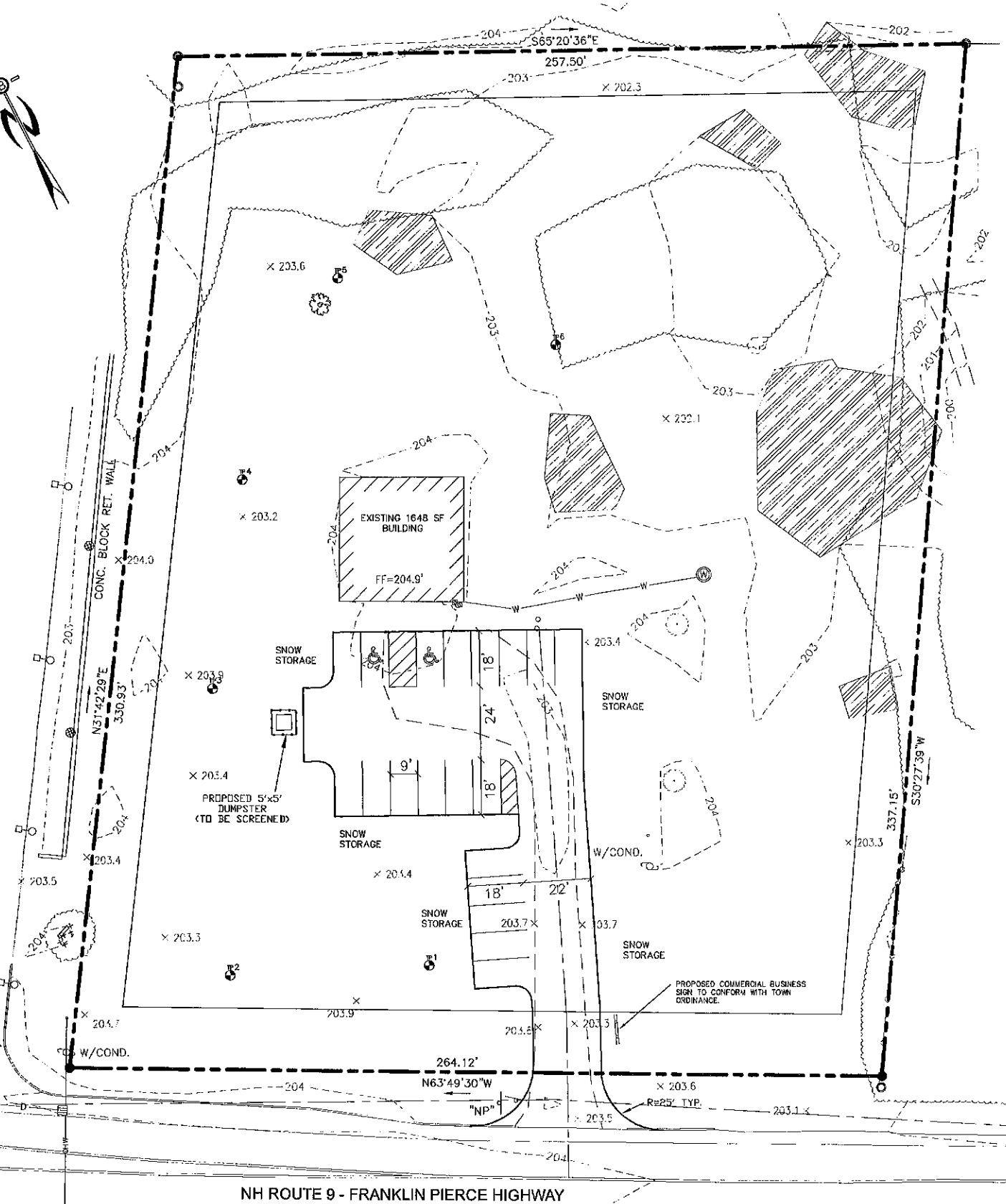
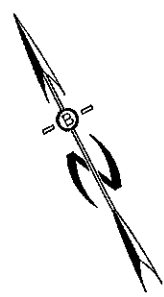
LEGEND

- 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:  
RESTURANT =  
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.  
MAX. BUILDING HEIGHT 40 ft.  
MAX. LOT COVERAGE 80 %

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

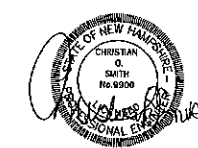
**BA**  
**BEALS**  
ASSOCIATES, P.L.L.C.  
70 PORTSMOUTH AVE,  
THIRD FLOOR, SUITE 2  
STRATHAM, N.H. 03885  
PHONE: 603-583-4860,  
FAX: 603-583-4863

- NOTES
- UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN LOCATED FROM FIELD OBSERVATIONS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. BEALS ASSOCIATES OR ANY OF THEIR EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND UTILITIES OR STRUCTURES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 1-888-DIG-SAFE.
  - THIS PLAN HAS BEEN PREPARED FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS. THIS INCLUDES ANY UNFORESEEN CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS OF THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
  - THE INTENT OF THIS PROPOSAL CONSISTS OF AN EXISTING 1,648 SF COMMERCIAL BUILDING, WITH PROPOSED ASSOCIATED PARKING AND DRAINAGE AREAS.
  - 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 MAYD 1985.
  - 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 485A-17 IS REQUIRED.
  - THIS SITE IS NOT LOCATED IN THE 100 YEAR FLOOD ZONE.
  - EXISTING IMPERVIOUS SURFACE = 2%  
PROPOSED IMPERVIOUS = 11%.

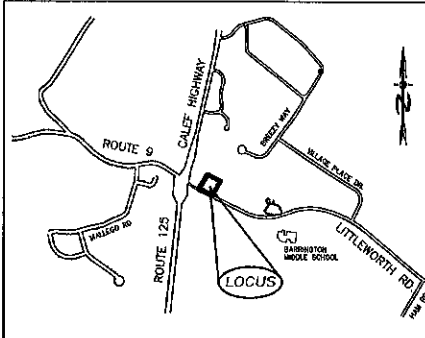
JAN 18 2023

PLANNING BOARD APPROVAL BLOCK


REVISIONS:	DATE:
<b>PARKING/PAVEMENT PLAN</b>	
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.

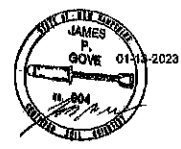
MAPPING STANDARDS:  
THIS MAP PRODUCT IS WITHIN THE TECHNICAL STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY. IT IS A SPECIAL PURPOSE PRODUCT, INTENDED FOR INFILTRATION REQUIREMENTS BY THE NH DES ALTERATION OF TERRAIN BUREAU. IT WAS PRODUCED BY A PROFESSIONAL SOIL SCIENTIST, AND IS NOT A PRODUCT OF 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. (111)	HYDROLOGIC GROUP
WINDSOR	WGA	(111)	A

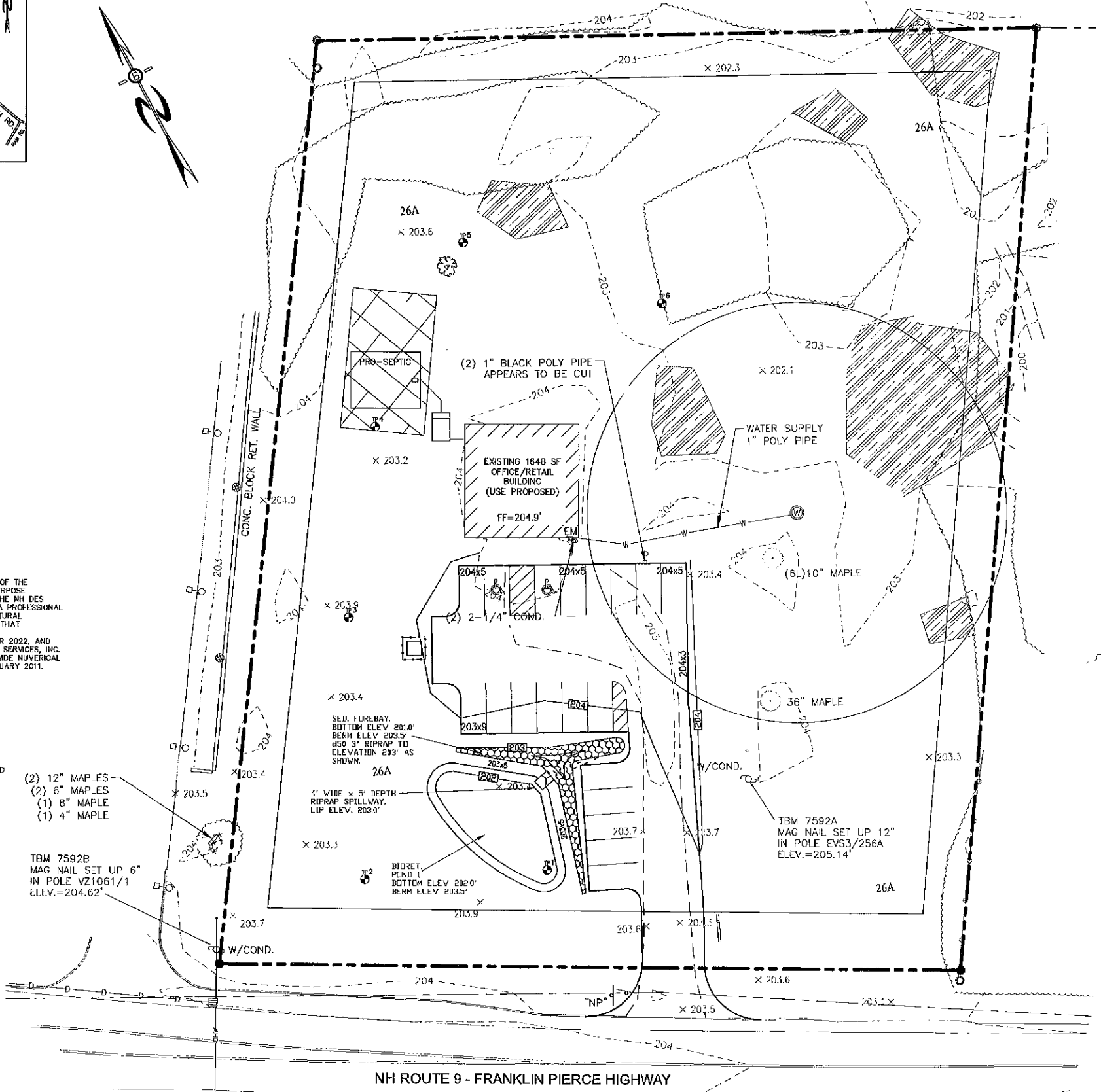
SLOPE CLASS:  
0-8% = B  
8-15% = C  
15-25% = D  
25-50% = E  
>50% = F

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



(2) 12" MAPLES  
(2) 6" MAPLES  
(1) 8" MAPLE  
(1) 4" MAPLE

TBM 7592B  
MAG NAIL SET UP 6"  
IN POLE VZ1061/1  
ELEV.=204.62'



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 ASLES.  
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 UNFORESEEN CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS OF THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
  - ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
  - ALL ROAD AND DRAINAGE WORK TO CONFORM TO TOWN STANDARD SPECIFICATIONS FOR CONSTRUCTION.
  - ALL PROPOSED SIGNS SHALL CONFORM TO THE TOWN ZONING REGULATIONS.
  - PROJECT IS BASED ON USGS DATUM NAVD 1988.
  - 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 THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.  
ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.  
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.

JAN 18 2023

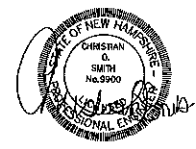
PLANNING BOARD APPROVAL BLOCK


REVISIONS:

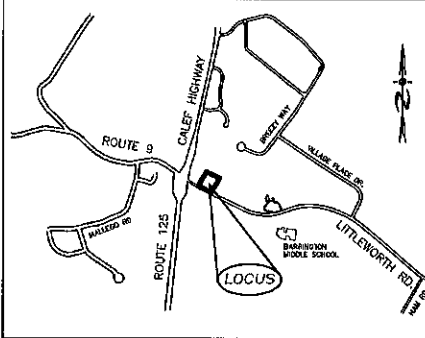

GRADING, DRAINAGE & UTILITY PLAN

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

DATE:	JAN 2023	SCALE:	1"=30'
PROJ. NO.:	NH-1445	SHEET NO.:	3



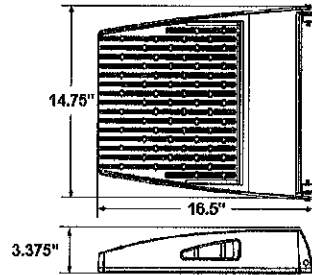
NH ROUTE 9 - FRANKLIN PIERCE HIGHWAY



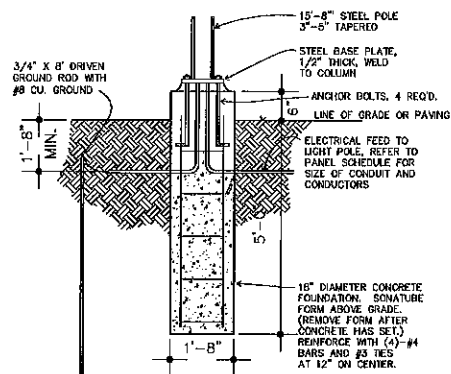
LOCATION MAP  
1"=1500'

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

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

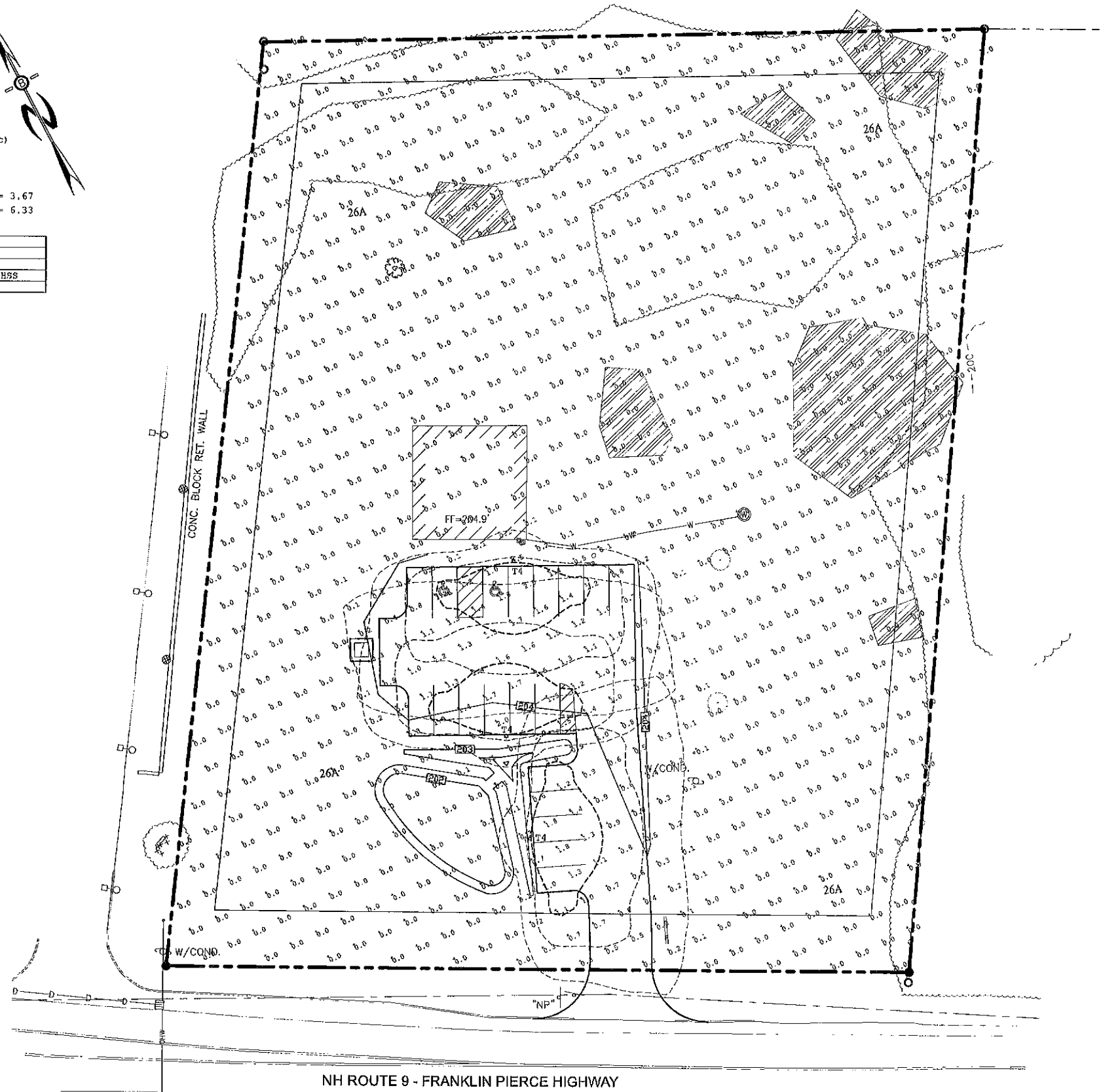


LUMINAIRE DETAIL



POLE FOUNDATION  
LIGHT BASE DETAIL  
SCALE: NONE

PLANNING BOARD APPROVAL BLOCK

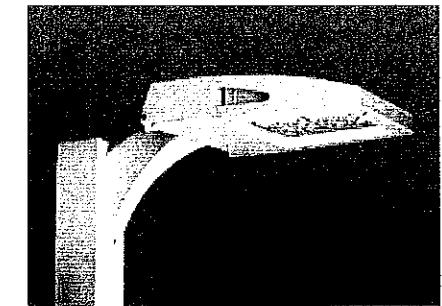


PREPARED FOR:  
GEORGE N. TSOUKALAS  
565 FRANKLIN PIERCE HIGHWAY  
(NH ROUTE 9)  
BARRINGTON, NEW HAMPSHIRE

**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.



POLE MOUNTED LIGHTS

JAN 18 2023

REVISIONS:		DATE:
<b>LIGHTING PLAN</b>		
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 228, LOT 8		
DATE:	JAN. 2023	SCALE: 1"=30'
PROJ. NO.:	NH-1445	SHEET NO. 4

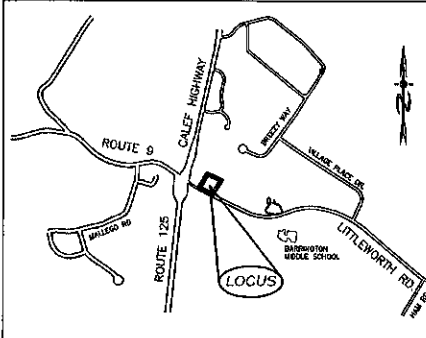
PREPARED FOR:  
**GEORGE N. TSOUKALAS**  
 565 FRANKLIN PIERCE HIGHWAY  
 (NH ROUTE 9)  
 BARRINGTON, NEW HAMPSHIRE

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

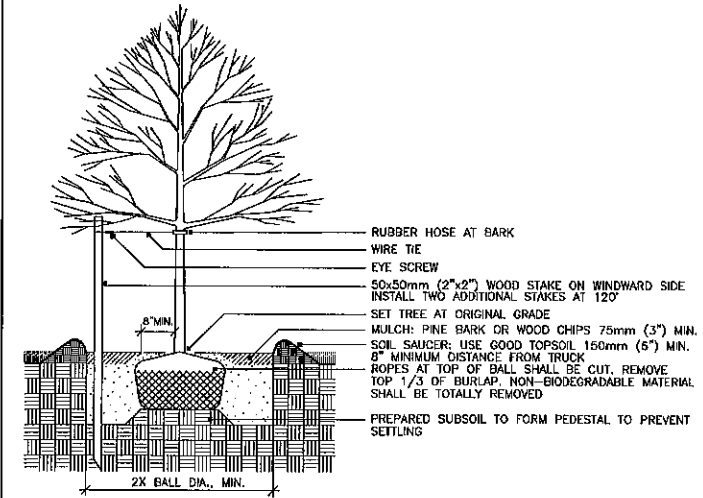
70 PORTSMOUTH AVE,  
 THIRD FLOOR, SUITE 2  
 STRATHAM, N.H. 03885  
 PHONE: 603-583-4860,  
 FAX: 603-583-4863

**PLANTING NOTES:**

- NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- A 4-INCH DEEP SHREDDED PINE BARK SHALL BE INSTALLED UNDER ALL SHRUBS, AND IN ALL PLANTING BEDS, AS DIRECTED BY OWNER.
- ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
- LOAM AND SEED ALL AREAS NOT OTHERWISE NOTED OR GRASSED.
- DO NOT INSTALL LOAM IN AREAS OF EXISTING TREES TO REMAIN.
- 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.

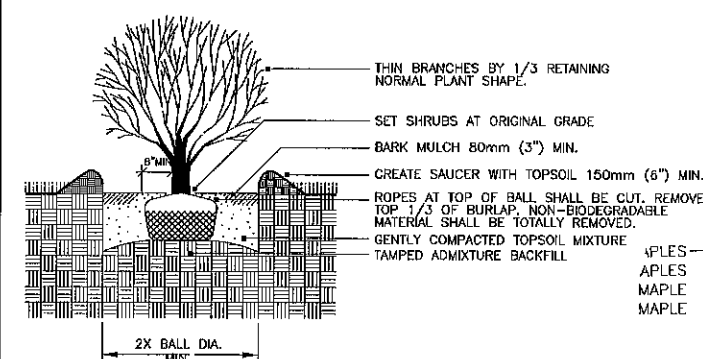


LOCATION MAP  
 1"=1500'



DECIDUOUS TREE PLANTING WITH STAKE AND WIRE TIE - HEAVY DUTY

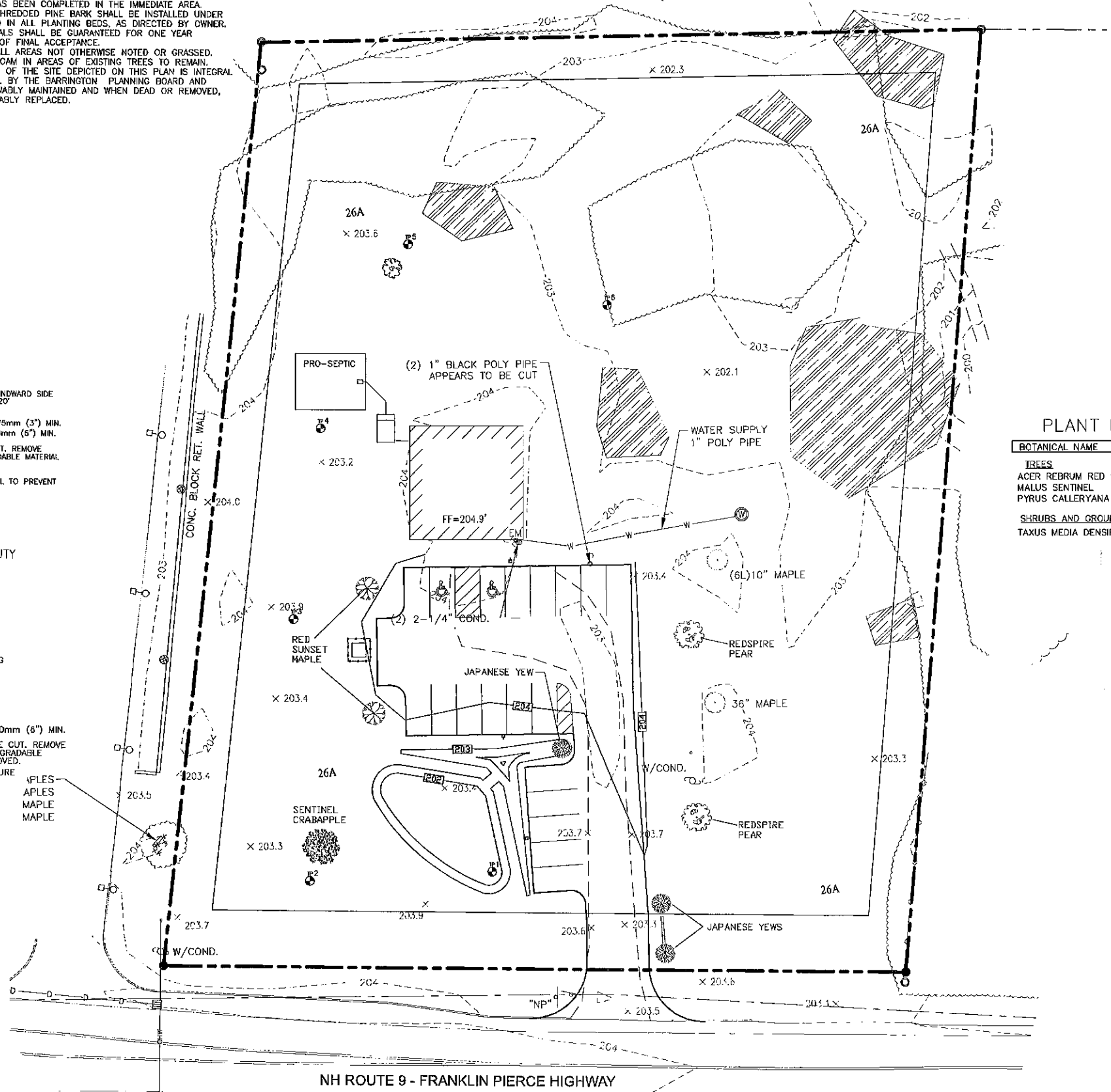
NOTE: STAKING TO BE USED IN PARKING ISLANDS AND OTHER CONFINED AREAS AS NECESSARY TO AVOID CONFLICTS WITH PEDESTRIANS



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



PLANT LIST

BOTANICAL NAME	COMMON NAME	SIZE AND SPEC.
<b>TREES</b>		
ACER REBRUM 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
<b>SHRUBS AND GROUNDCOVERS</b>		
TAXUS MEDIA DENSIFORMIS	JAPANESE YEW	18" HGT.

JAN 18 2023

PLANNING BOARD APPROVAL BLOCK

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

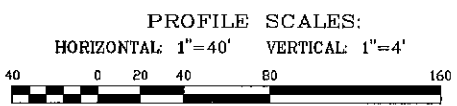
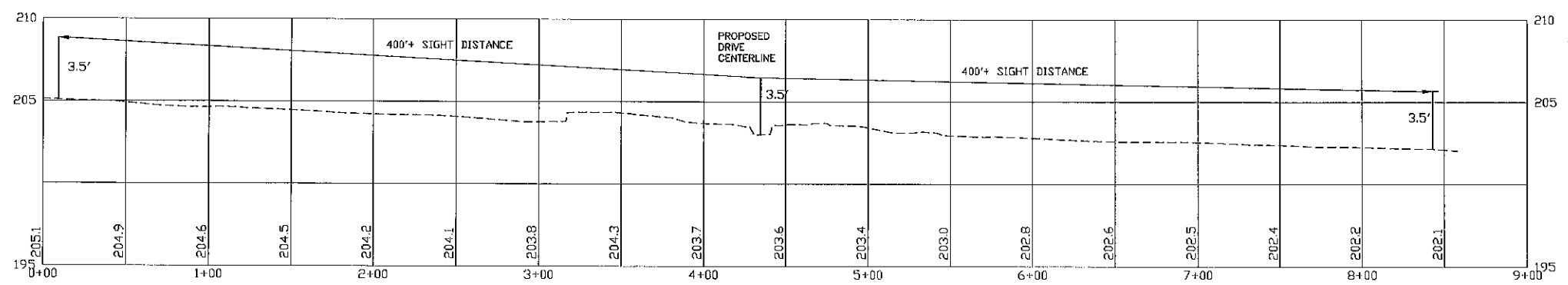
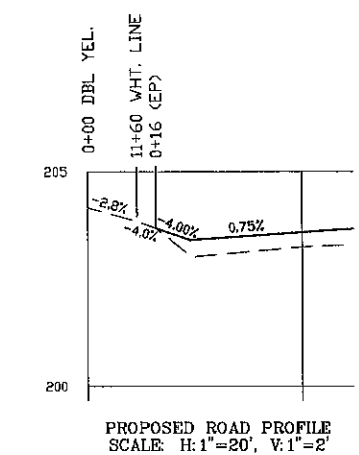
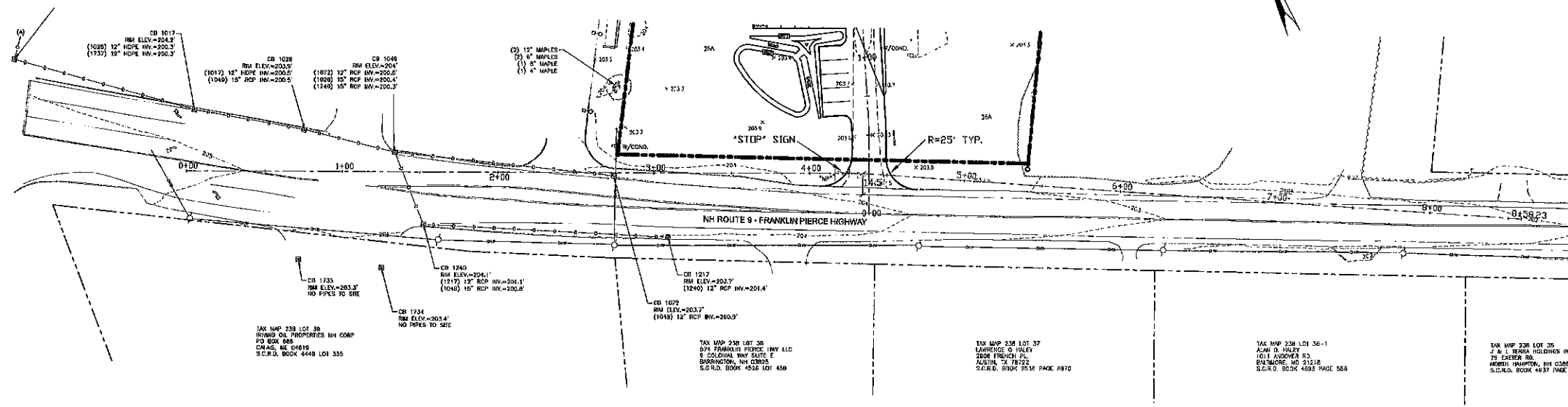
**LANDSCAPE PLAN**

COMMERCIAL DEVELOPMENT  
 ROUTE 9  
 BARRINGTON, NH  
 TAX MAP 22B, 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

**BA**  
**BEALS**  
 ASSOCIATES, PLLC  
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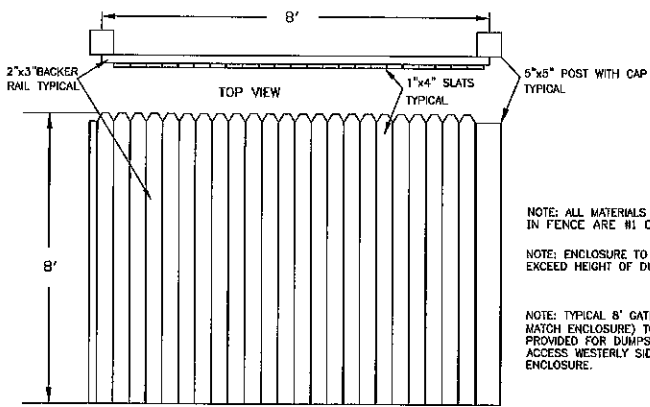
REVISIONS:	DATE:

**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

JAN 18 2023

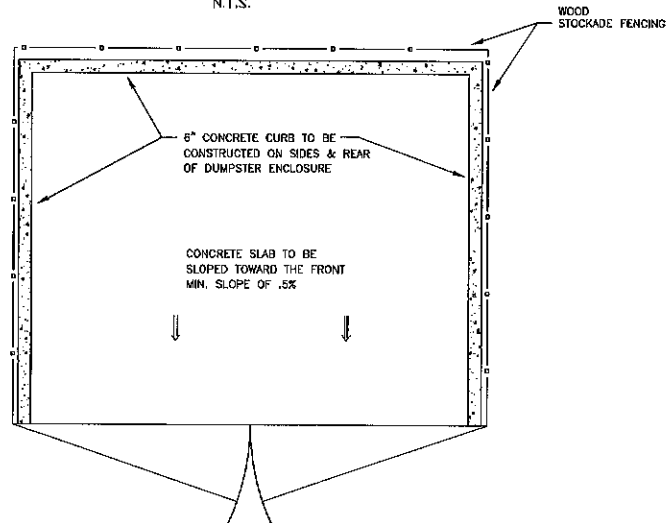


NOTE: ALL MATERIALS USED IN FENCE ARE #1 CEDAR.

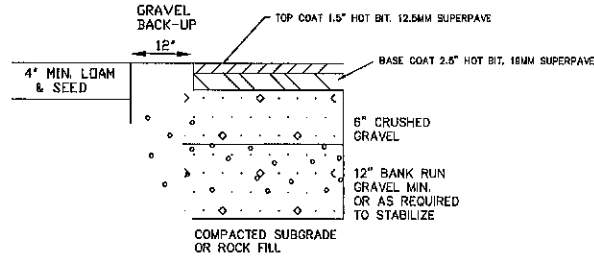
NOTE: ENCLOSURE TO MATCH OR EXCEED HEIGHT OF DUMPSTER

NOTE: TYPICAL 8' GATE (TO MATCH ENCLOSURE) TO BE PROVIDED FOR DUMPSTER ACCESS WESTERLY SIDE OF THE ENCLOSURE.

FRONT VIEW  
**STOCKADE FENCE DETAIL**  
N.T.S.

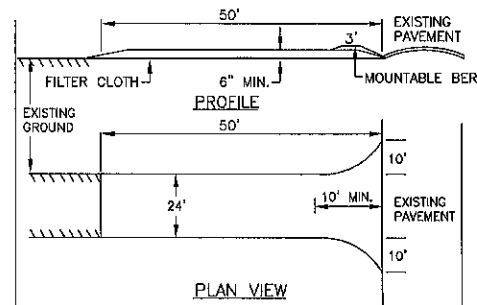


**DUMPSTER SLAB DETAILS**  
N.T.S.



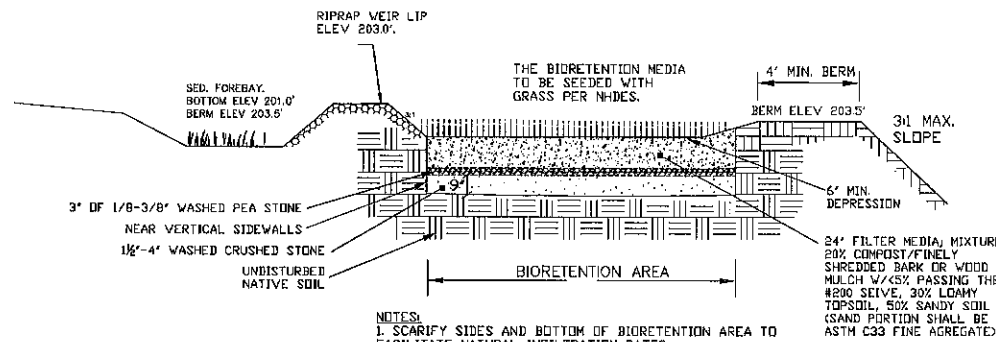
NOTE: IN AREAS OF ROCK EXCAVATION, MINIMUM 6" BANK RUN GRAVEL SHALL BE PLACED

**TYPICAL PAVEMENT SECTION**  
NEW ASPHALT - NTS



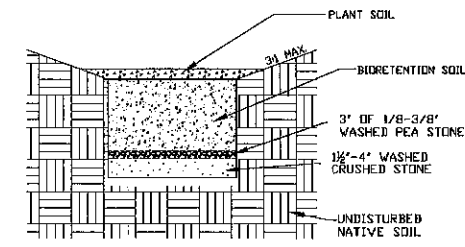
1. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICH EVER IS GREATER. 5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENCE LOT.
6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

**STABILIZED CONSTRUCTION ENTRANCE**

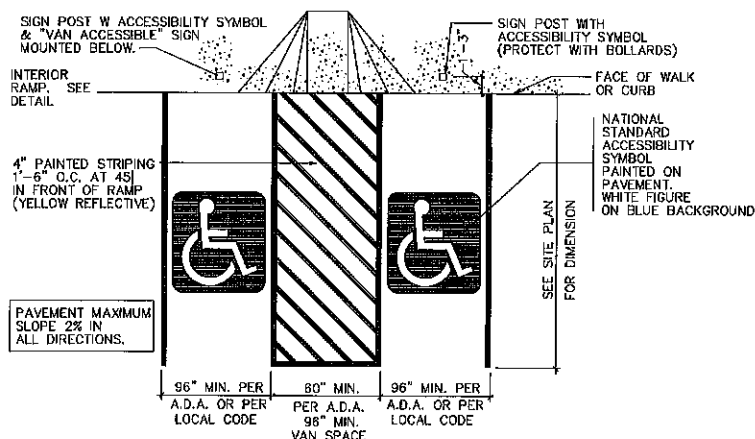


NOTES:  
1. SCARIFY SIDES AND BOTTOM OF BIORETENTION AREA TO FACILITATE NATURAL INFILTRATION RATES.  
2. POND SURFACE TO BE FINISHED WITH 4" LOAM & SEED

**BIORETENTION POND PROFILE DETAIL**  
NOT TO SCALE



**BIORETENTION SECTION**  
NOT TO SCALE



**PARKING STALL FOR THE PHYSICALLY CHALLENGED**  
NOT TO SCALE

**CONSTRUCTION SEQUENCE**

1. CUT AND REMOVE TREES IN CONSTRUCTION AREAS AS REQUIRED OR DIRECTED.
2. CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT SEDIMENT EROSION AND DETENTION CONTROL FACILITIES AS REQUIRED. EROSION, SEDIMENT AND DETENTION CONTROL FACILITIES SHALL BE INSTALLED AND STABILIZED PRIOR TO ANY EARTH MOVING OPERATION AND PRIOR TO DIRECTING RUNOFF TO THEM.
3. CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. STUMPS AND DEBRIS ARE TO BE REMOVED FROM SITE AND DISPOSED OF PER STATE AND LOCAL REGULATIONS.
4. EXCAVATE AND STOCKPILE TOPSOIL /LOAM. ALL AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
5. CONSTRUCT TEMPORARY CULVERTS AS REQUIRED OR DIRECTED.
6. CONSTRUCT THE ROADWAY AND ITS ASSOCIATED DRAINAGE STRUCTURES. ALL ROADWAYS, AND CUT/FILL SLOPES SHALL BE STABILIZED AND/OR LOAMED AND SEEDED WITHIN 72-HOURS OF ACHIEVING FINISH GRADE AS APPLICABLE.
7. INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
8. BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEEDED OR MULCHED AS REQUIRED, OR DIRECTED.
9. DAILY OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE CHECK DAMS, DITCHES, SEDIMENT TRAPS, ETC. TO PREVENT EROSION ON THE SITE AND PREVENT ANY SILTATION OF ADJACENT WATERS OR PROPERTY.
10. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION
11. COMPLETE PERMANENT SEEDING AND LANDSCAPING
12. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE. SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
13. ALL SWALES AND DRAINAGE STRUCTURES WILL BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUNOFF DIRECTED TO THEM.
14. FINISH PAVING ALL ROADWAYS.
15. 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



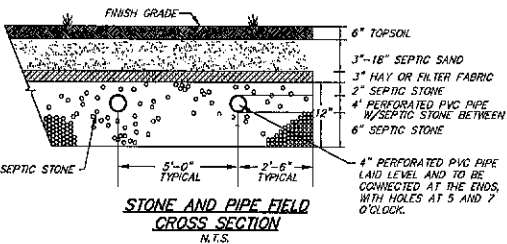
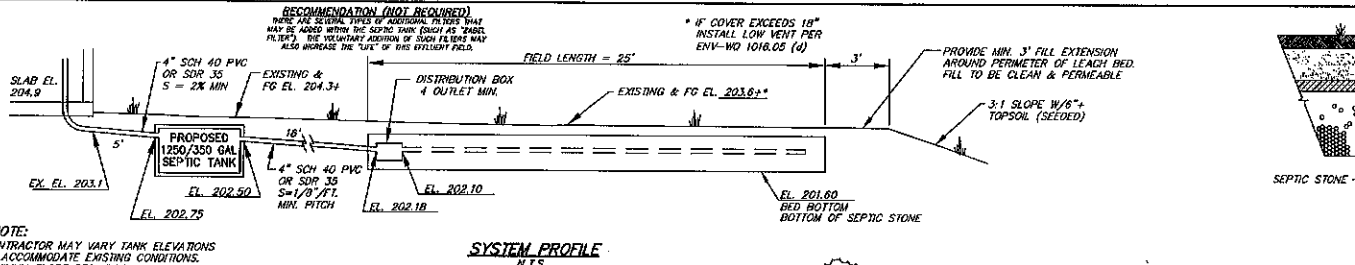
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JAN 18 2023



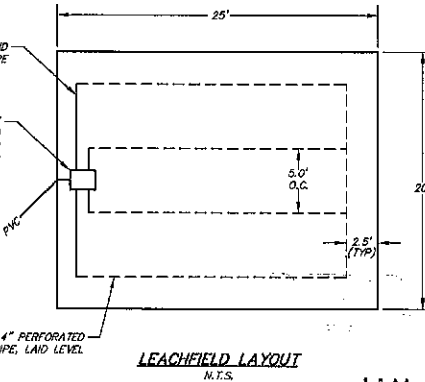
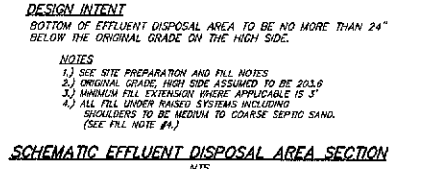
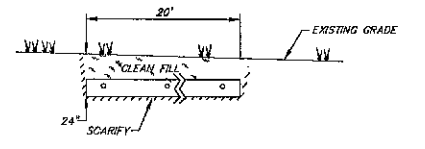
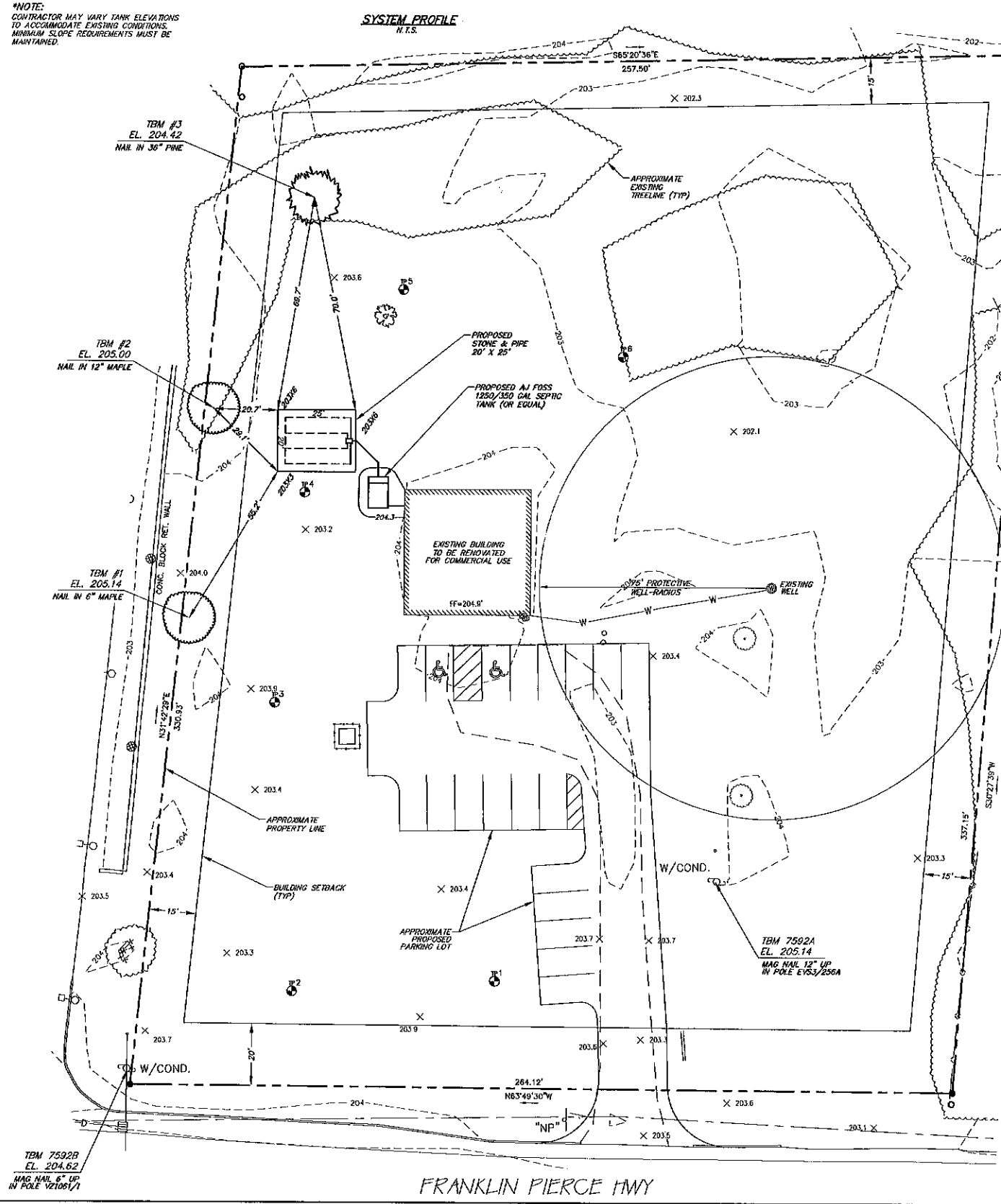
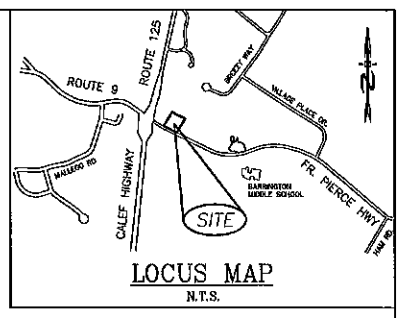
REVISIONS:	DATE:
<b>CONSTRUCTION DETAILS D1</b>	
COMMERCIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH TAX MAP 22B, LOT 8	
DATE: JAN 2023	SCALE: NTS
PROJ. NO: NH-1445	SHEET NO. 7





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

TEST PIT #	DEPTH (')	DESCRIPTION
TEST PIT #4	0-12"	10 YR 3/4" DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRAGILE
	12-26"	10 YR 4/4" DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRAGILE
	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 #5	DEPTH (')	DESCRIPTION
	0-8"	10YR 3/3" DARK BROWN, FINE SANDY LOAM, GRANULAR, FRAGILE
	8-24"	10YR 4/5" DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRAGILE
	24-30"	10YR 6/4" DARK BROWN, MEDIUM SAND, MASSIVE, LOOSE
	30-78"	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		



JAN 18 2023

**SITE NOTES:**

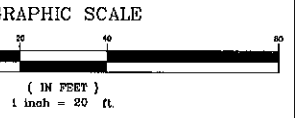
- GRADING SHOWN IS FOR SEPTIC SYSTEM ONLY. ADDITIONAL GRADING IS AT THE DISCRETION OF THE CONTRACTOR AND/OR OWNER.
- PER ENV-WD 1003.13 (A)(3) THERE ARE NO KNOWN CEOMETRIES LOCATED WITHIN 100' OF ANY PART OF THE EFFLUENT DISPOSAL SYSTEM. NO CONSTRUCTION TO TAKE PLACE WITHIN 25' OF BURIAL SITE, SEE ENV-WD 1008.04(1).
- 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.

**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  
1650 SF DRY GOODS STORE W/8 EMPLOYEES = 133 SF SYSTEM DESIGNED FOR 300 GPD (COMMERCIAL)
- EFFLUENT DISPOSAL AREA:  
REQUIRED: 40' X 25' = 500 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:  
W8A - WINDSOR  
NEB 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 GRADING ON THE HIGH CENTER OF THE EFFLUENT DISPOSAL SYSTEM, EL. 203.60
- DIMENSIONS - EFFLUENT DISPOSAL AREA:  
WIDTH = 20.0'  
LENGTH = 25.0'  
DIAGONAL = 32.0'



- GENERAL NOTES - STONE AND PIPE SYSTEMS**
- THIS PLAN DOES NOT REPRESENT A PROPERTY BOUNDARY SURVEY OR ENGINEERED SITE PLAN. EVERY ATTEMPT HAS BEEN MADE TO ACCURATELY IDENTIFY THE RELEVANT PROPERTY LINES SHOWN ON THIS PLAN. HOWEVER, SEPTIC SYSTEM PLANS ARE NOT INTENDED FOR BUILDING LAYOUT. A LICENSED LAND SURVEYOR SHOULD BE RETAINED TO LAY OUT ALL BUILDINGS ON THE SITE AND VERIFY THAT THEY WILL BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL ZONING REQUIREMENTS PRIOR TO CONSTRUCTION.
  - ANY DISCREPANCY BETWEEN THESE PLANS AND THE APPARENT FIELD CONDITIONS TO BE REPORTED TO THE DESIGNER PRIOR TO CONSTRUCTION.
  - BOUNDARY INFORMATION FROM ELECTRONIC SURVEY PLANS BY CONTACT SURVEY INC. REQUIREMENTS PRIOR TO CONSTRUCTION.
  - ALL CONCRETE PRODUCTS ARE TO BE MANUFACTURED BY ALLIANCE OF BARRINGTON, N.H. OR EQUAL.
  - ALL SEPTIC TANKS MUST HAVE BAFFLES AT INLETS, OUTLETS, AND BETWEEN COMPARTMENTS.
  - CONCRETE STRUCTURE TO BE WATER TIGHT. ALL JOINTS, INLETS, OUTLETS, ETC. TO BE SEALED WITH NON-SHRINK GROUT - "WATER PROOF" BLOCK BOND, OR EQUAL.
  - SEPTIC TANK MUST BE A MINIMUM OF 5 FEET FROM FOUNDATION DRAIN. LEACH FIELD TO BE A MINIMUM OF 10 FEET FROM FOUNDATION DRAIN. LEACH FIELD TO BE A MINIMUM OF 25 FEET FROM SEPTIC TANK AND EFFLUENT DISPOSAL AREA.
  - HIGH GRAVITY SEWER TO BE 40 SCH 40 PVC WHERE WELL IS 75' FROM SEPTIC TANK. A GRAVITY SEWER TO BE 36 SCH 40 PVC. FORCE MAINS TO BE 36 SCH 40 PVC OR POLYETHYLENE PIPE (POLY PIPE), 100-150 PSI RATING.
  - MINIMUM PIPE SLOPES: BUILDING TO TANK = 2% FROM 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. BIDDING CONTRACTOR'S REVISIONS 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, BOULDERS, AND DEBRIS FROM THE AREA TO BE FILLED AND 10' AROUND STUMPS NOT TO BE BURIED WITHIN 75' OF EFFLUENT DISPOSAL AREA, UNLESS UPSLOPE (35' MIN.).
  - REMOVE TOPSOIL. LEAVE SUBSOIL IN PLACE. DO NOT COMPACT SUBSOIL WITH MACHINERY. SCARIFY WITH TEETH OF EXCAVATOR BEFORE PLACING FILL. SCARIFY PARALLEL WITH CONTOURS, BEGINNING FROM THE CENTER OUTWARD. SOIL MUST BE DRY PRIOR TO PREPARATION.
  - MATERIAL SPECIFICATIONS:  
FILL: 6" OF CLEAN LOAM TO BE PLACED AS BLANKET ON TOP AND SIDE SLOPES.  
CLEAN FILL: FREE OF ROOTS, DEBRIS, ORGANICS, AND STONES 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 A-A" TO MEET THE FOLLOWING SPECIFICATIONS:  
MEDIUM TO COARSE TEXTURED SAND, NO GREATER THAN 5/8" PASSING THE NUMBER 200 SIEVE, AND NO PARTICLES LARGER THAN 3".  
SEPTIC STONE: USE CLEAN 1" STONE WITH A RANGE OF 0.25" TO 2.5" AND FREE OF ONES, IN ACCORDANCE WITH ENV-WD TABLE 1014-2. CRUSHED GRANITE MUST BE THOROUGHLY WASHED TO MINIMIZE THE POTENTIAL CLOGGING EFFECT OF STONE DUST.
  - SEPTIC STONE TO BE PLACED ONTO PREPARED SURFACE FROM THE SIDE. DO NOT ALLOW EQUIPMENT ON THE SCHEDULED SOIL BEFORE FILL. FILL BETWEEN PILES 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 BENEATH TRACKS OF TRACTOR TO MINIMIZE COMPACTION OF NATURAL SOIL. EACH LAYER BE SPREAD IN UNIFORM THICKNESS PRIOR TO PLACING NEXT LAYER. CONTINUOUS GRADING AND SHAPING SHALL BE CARRIED OUT TO ASSURE UNIFORM DENSITY THROUGHOUT EACH LAYER.
  - ENTIRE FILLED AREA SHOULD BE COVERED WITH TOPSOIL, SEEDS, AND MULCH IMMEDIATELY AFTER BACKFILLING TO PREVENT EROSION.
  - DIAGNOSTIC DEPTH OVER SYSTEM TO BE 12"-24" OPEN 2R MIN. TO PROVIDE RUNOFF. SYSTEM DIGITIZED WITH MORE THAN 18" MUST BE VERIFIED.

- 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 MANAGE 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 OILS, 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 DRAIN. NO DESIGN OR APPROVAL IS REQUIRED FOR THIS.
  - SEPTIC TANK MUST BE PUMPED BY A LICENSED MAINTENANCE TECHNICIAN AT LEAST EVERY TWO YEARS. KEEP PUMPING RECORDS 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 11-20 WHEEL LOAD.
  - THE OWNER SHOULD KEEP A COPY OF THIS PLAN WITH HIS/HER IMPORTANT DOCUMENTS FOR FUTURE REFERENCE. THIS PLAN SHOULD BE PROMOTED TO FUTURE OWNERS. COPIES ARE AVAILABLE FROM THIS OFFICE.
  - IF THIS DESIGN UTILIZES A ZABEL FILTER, HAVE FILTER CLEANED WHEN TANK IS PUMPED. IF THERE ARE ANY SIGNS OF FLOUNDERING BACKUP, CALL PUMPER AND HAVE TANK AND FILTER CLEANED.

**OWNER OF RECORD**  
GEORGE TSOUKALAS  
P.O. BOX 524  
BARRINGTON, NH 03825  
BOOK 5024, PAGE 397

**DESIGNER STAMP**  
NEW HAMPSHIRE  
Designer of  
Subsurface Disposal  
Systems  
P.O. BOX 524  
BARRINGTON, NH 03825  
No. 1681  
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:

<b>EFFLUENT DISPOSAL PLAN</b>	
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