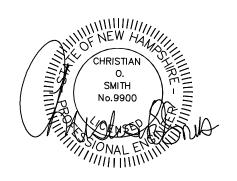
# 7 LOT SUBDIVISION GILE ROAD TAX MAP 40, LOT 1

# CIVIL ENGINEERS:



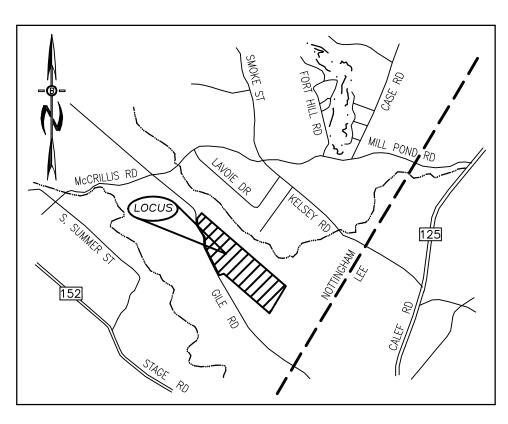


# LAND SURVEYORS:



WETLAND / SOIL CONSULTANT:

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



LOCATION MAP

OWNER/DEVELOPER:
LEDGE FARM LLC
JOSEPH FALZONE
7B EMERY LANE
STRATHAM, N.H. 03885

INDEXTITLE SHEETSUBDIVISION PLANS1-4EXISTING CONDITION PLAN5-7SUBDIVISION SITE PLAN8CONSTRUCTION DETAILS9

REQUIRED PERMITS

NHDES SUBDIVISION APPROVAL NUMBER: eSA2020\_\_\_\_\_ DATED NHDES WETLAND IMPACT APPROVAL NUMBER: \_\_\_\_\_ DATED

ı		
	REVISIONS:	DATE:

NH-1155 GILE ROAD ISSUED JAN., 2021,

KEY MAP

### NOTES:

1. REFERENCE:

TAX MAP 40 LOT 1
GILE ROAD, NOTTINGHAM, NH

D.S. PROJECT NO. 5911

2. TOTAL PARCEL AREA: 2,721,272 SQ. FT. OR 62.47 AC.

3. OWNER OF RECORD: DIANE MONT

OWNER OF RECORD: DIANE MON II

200 S BANANA RIVER BLVD #2407

COCOA BEACH, FL 32931 STRAFFORD COUNTY PROBATE DOC. 1997-0652

4. ZONE: RESIDENTIAL/AGRICULTURAL

DIMENSIONAL REQUIREMENTS:

MIN. LOT AREA 2 AC.

MIN. FRONTAGE 200 ft.

MIN. FRONT SETBACK 50 ft.
MIN. SIDE/REAR SETBACK 50 ft.

MAX. BUILDING HEIGHT 34 ft. (FROM ADJACENT GRADE)

WETLAND SETRACKS 50 ft. (STRUCTURE TO BOORLY DRAINED SOULS)

WETLAND SETBACKS

50 ft. (STRUCTURE TO POORLY DRAINED SOILS)

75 ft. (STRUCTURE TO VERY POORLY DRAINED SOILS)

75 ft. (STRUCTURE TO VERY POORLY DRAI 75 ft. (SEPTIC TO ANY WETLAND)

ZONING INFORMATION LISTED HEREON IS BASED ON THE TOWN OF NOTTINGHAM ZONING ORDINANCE AS AMENDED MARCH 10, 2020 AS AVAILABLE ON THE TOWN WEBSITE ON 11/2/2020. 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.

### 5. ZBA NOTES:

- ECOPASSAGE OR SIMILAR STRUCTURES ARE REQUIRED AS PRESENTED FOR THE DRIVEWAY CROSSINGS
- CROSSINGSLOT 7 IS RESTRICTED FROM ANY FURTHER DEVELOPMENT.
- 6. FIELD SURVEY PERFORMED BY D.J.B. & S.M.C. (DOUCET SURVEY) DURING SEPTEMBER & OCTOBER OF 2020 USING A TRIMBLE S7 TOTAL STATION, A TRIMBLE R8 SURVEY GRADE GPS AND A SOKKIA B21 AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
- 7. HORIZONTAL DATUM BASED ON NAD83(2011) NEW HAMPSHIRE STATE PLANE COORDINATE ZONE (2800) DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
- 8. VERTICAL DATUM IS BASED ON APPROXIMATE NAVD88(GEOID12A)  $(\pm .2')$  DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.

- 9. JURISDICTIONAL WETLANDS DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. DURING SEPTEMBER OF 2020 IN ACCORDANCE WITH:
  - US ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 (JANUARY, 1987).
  - REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION (2012).
  - NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTHEAST (REGION 1). U.S. FISH AND WILDLIFE SERVICE (2013).
     CODE OF ADMINISTRATIVE RULES. WETLANDS BOARD, STATE OF NEW HAMPSHIRE (CURRENT).
  - FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 8.0, 2016 AND (FOR DISTURBED SITES) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4. NEHSTC (MAY 2017).
- 10. FLOOD HAZARD ZONE: "X", PER FIRM MAP #33015C0210E, DATED 5/17/2005.
- 11. THE INTENT OF THIS PLAN IS TO SHOW THE LOCATION OF BOUNDARIES IN ACCORDANCE WITH AND IN RELATION TO THE CURRENT LEGAL DESCRIPTION, AND IS NOT AN ATTEMPT TO DEFINE UNWRITTEN RIGHTS, DETERMINE THE EXTENT OF OWNERSHIP, OR DEFINE THE LIMITS OF TITLE.
- 12. DUE TO THE COMPLEXITY OF RESEARCHING ROAD RECORDS AS A RESULT OF INCOMPLETE, UNORGANIZED, INCONCLUSIVE, OBLITERATED, OR LOST DOCUMENTS, THERE IS AN INHERENT UNCERTAINTY INVOLVED WHEN ATTEMPTING TO DETERMINE THE LOCATION AND WIDTH OF A ROADWAY RIGHT OF WAY. THE EXTENT OF THE ROAD AS DEPICTED HEREON IS BASED ON RESEARCH CONDUCTED ON THE R.C.R.D. WEBSITE, N.H.D.O.T. DISTRICT 6, AND THE NOTTINGHAM TOWN CLERK'S OFFICE. SAID RESEARCH INDICATES A PUBLIC RIGHT OF WAY WITH A VARYING WIDTH, NO LAYOUTS WERE FOUND. FACE OF STONE WALL WAS HELD AS EDGE OF RIGHT OF WAY.
- 13. APPROXIMATE BURIAL GROUND LOCATION INFORMATION AS PROVIDED IN PHASE 1A ARCHAEOLOGICAL SENSITIVITY ASSESSMENT REPORT DATED DECEMBER 13, 2019. PREPARED BY MONADNOCK ARCHAEOLOGICAL CONSULTING, LLC.
- 14. CEMETERY SUBJECT TO N.H.R.S.A. 289: 3, III NEW CONSTRUCTION, EXCAVATION, OR BUILDING IN THE AREA OF A KNOWN BURIAL SITE SHALL COMPLY WITH LOCAL ZONING. IN ABSENCE OF SUCH REGULATIONS NO NEW CONSTRUCTION, EXCAVATION, OR BUILDING SHALL BE CONDUCTED WITHIN 25' OF THE BOUNDARY OF THE BURIAL GROUND.
- 15. WHERE BOUNDS ARE SPECIFIED TO BE SET (PER TOWN OF NOTTINGHAM SUBDIVISION REGULATIONS) BUT UNREASONABLE TO DO SO, A DISK IN DRILL HOLE OR OTHER SUITABLE MONUMENT SHALL BE SET IN PLACE. REBAR ARE TO BE SET AT INTERVALS NOT GREATER THAN 300' ALONG LOT LINES. SHOULD FINAL MONUMENTING OCCUR PRIOR TO CREATION OF THE RECORDABLE MYLAR, THE SET LOCATIONS OF SAID REBAR WILL BE PROVIDED ON THE PLAN.
- 16. 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.

## REFERENCE PLANS:

- 1. "SUBDIVISION OF LAND FOR ROBERT DIBERTO IN NOTTINGHAM, N.H." DATED JULY 8, 1991 BY BRUCE POKOPEK, R.C.R.D. PLAN D-21271.
- 2. "SUBDIVISION OF LAND FOR ROBERT DIBERTO IN NOTTINGHAM, N.H." DATED MAY 22, 1985 BY BRUCE POHOPEK R.C.R.D. PLAN C-13779.
- 3. "PROPERTY OF KATHLEEN B. CARTER, PROPOSED SUBDIVISION, GILE ROAD, NOTTINGHAM, N.H. ROCKINGHAM CO." DATED JULY 16, 1972 BY C.B. KNOWLES R..C.R.D. PLAN C-3100.
- 4. "A SURVEY AND PLAT OF A LOT LINE ADJUSTMENT PREPARED FOR EDWARD & SUZANNE DAVIS SITUATED IN THE TOWN OF NOTTINGHAM, NH" DATED 7-24-2000 BY BLAISDELL SURVEY, LLC R.C.R.D. PLAN D-28272.

### LECEND

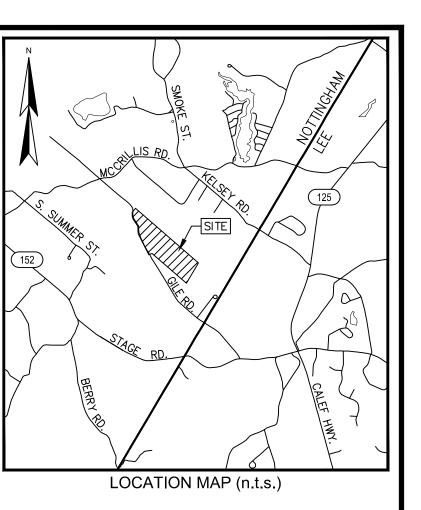
GRAN.

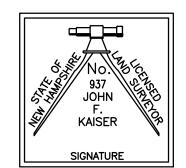
BW

GRANITE

BARBED WIRE

EXISTING LOT LINE — — PROPOSED LOT LINE —— — — APPROXIMATE ABUTTERS LOT LINE ·····BUILDING SETBACK LINE —···-— 50' WETLAND SETBACK LINE — · — · — 75' WETLAND SETBACK LINE — · · — · · — EDGE OF WETLAND 业 业 业 WETLAND AREA STONE WALL UTILITY POLE BOUND FOUND DRILL HOLE FOUND IRON PIPE/ROD FOUND 5/8" REBAR W/ID CAP SET (SEE NOTE 15) 4"X4" GRANITE BOUND OR DISK IN DRILL HOLE TO BE SET (SEE NOTE 15) WELL DECIDUOUS TREE TYP. **TYPICAL** BND. FND. BOUND FOUND DRILL HOLE FOUND D.H.F. S.S.F. STEEL STAKE FOUND CONC. CONCRETE

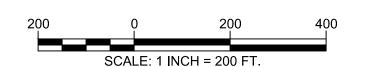




I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION AND FALLS UNDER THE URBAN SURVEY CLASSIFICATION OF THE NH CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND IS CORRECT TO THE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

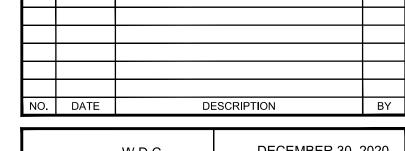
\_\_\_\_L.L.S. #937

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEED REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO



SUBDIVISION PLAN
LAND OF
DIANE MONTI
TAX MAP 40 LOT 1
GILE ROAD

NOTTINGHAM, NEW HAMPSHIRE

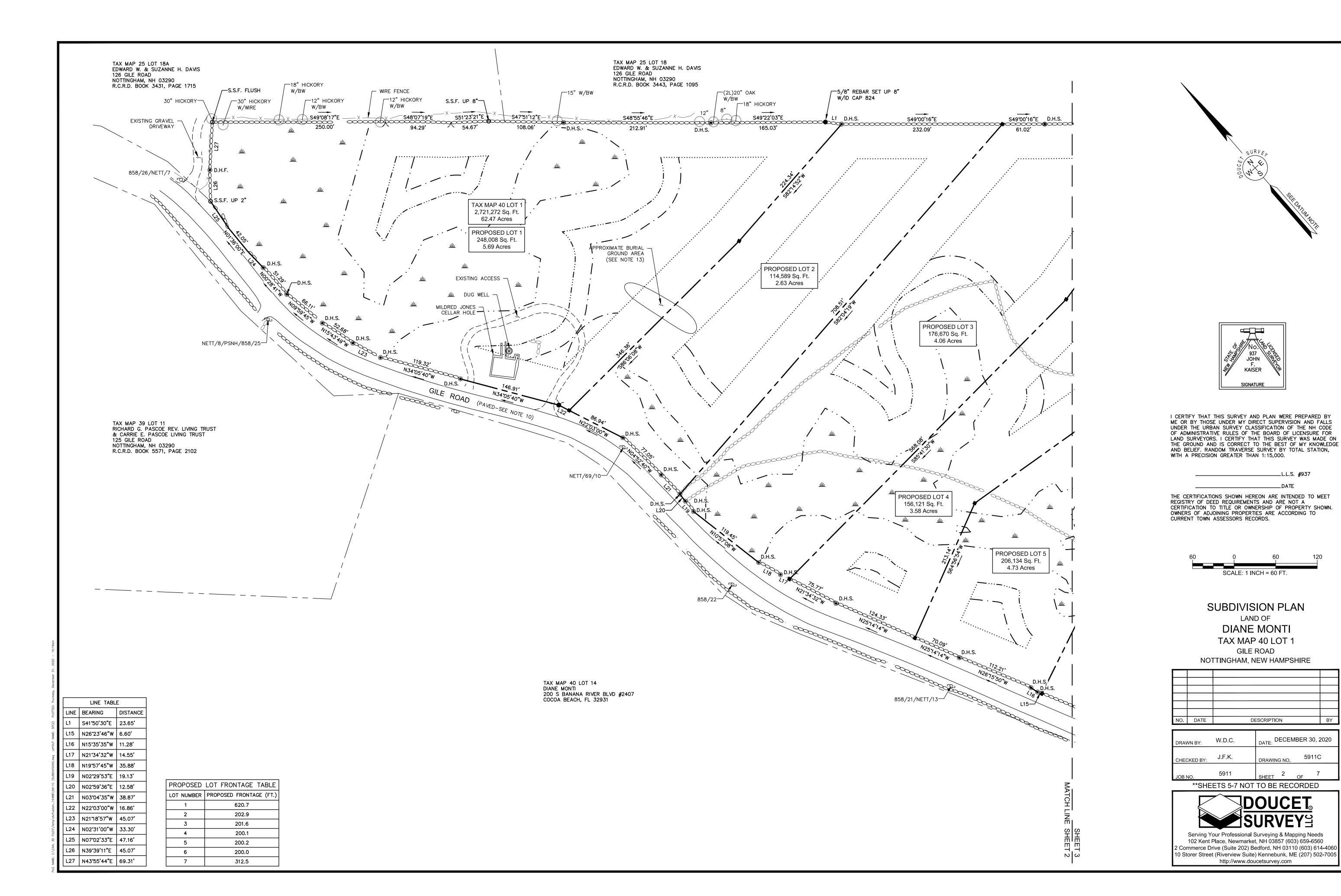


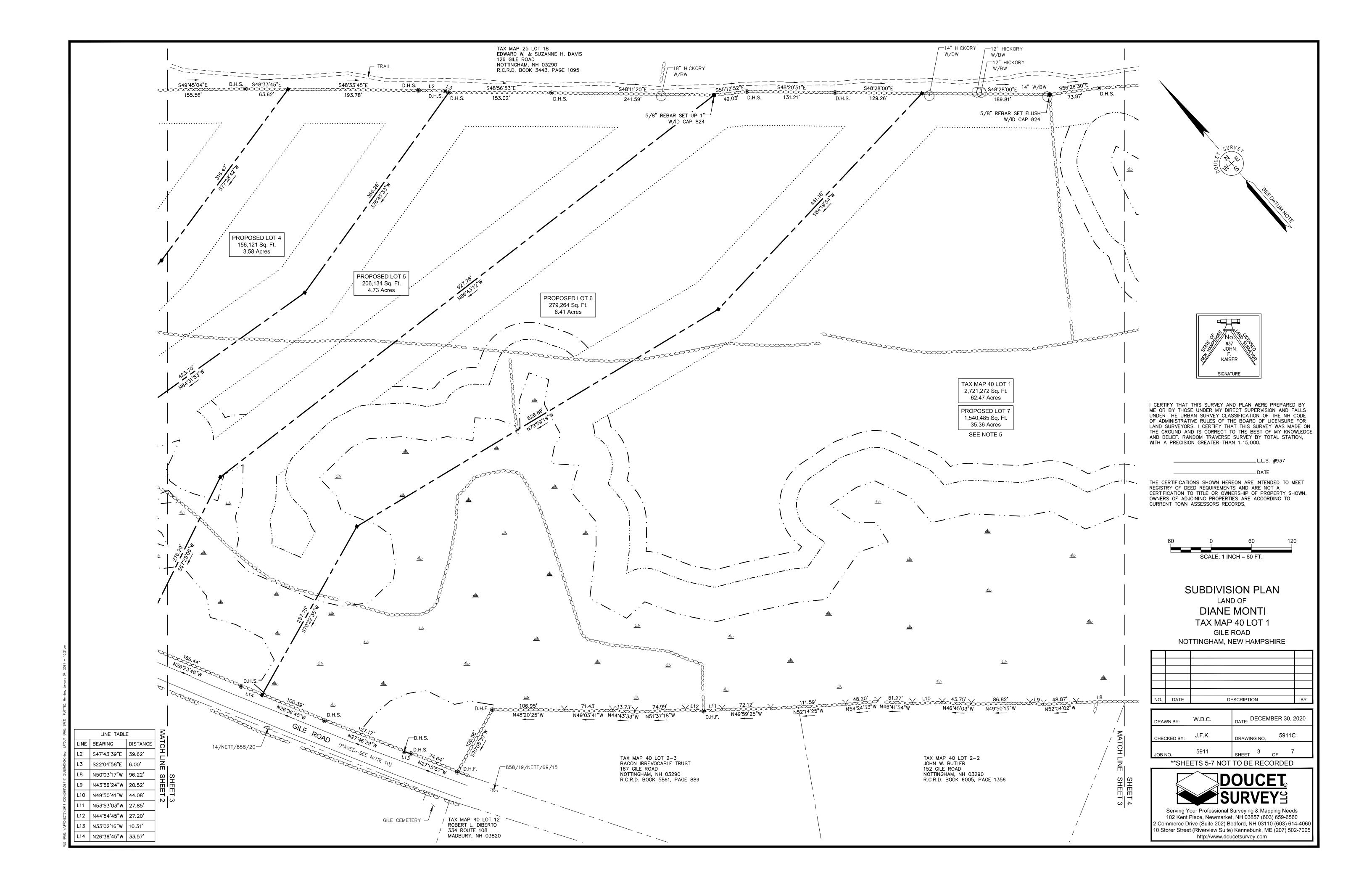
DRAWN BY: W.D.C.		DATE: DECEMBER 30, 2020		
CHECKED BY:	J.F.K.	DRAWING NO. 5911C		
JOB NO.	5911	SHEET 1 OF 7		

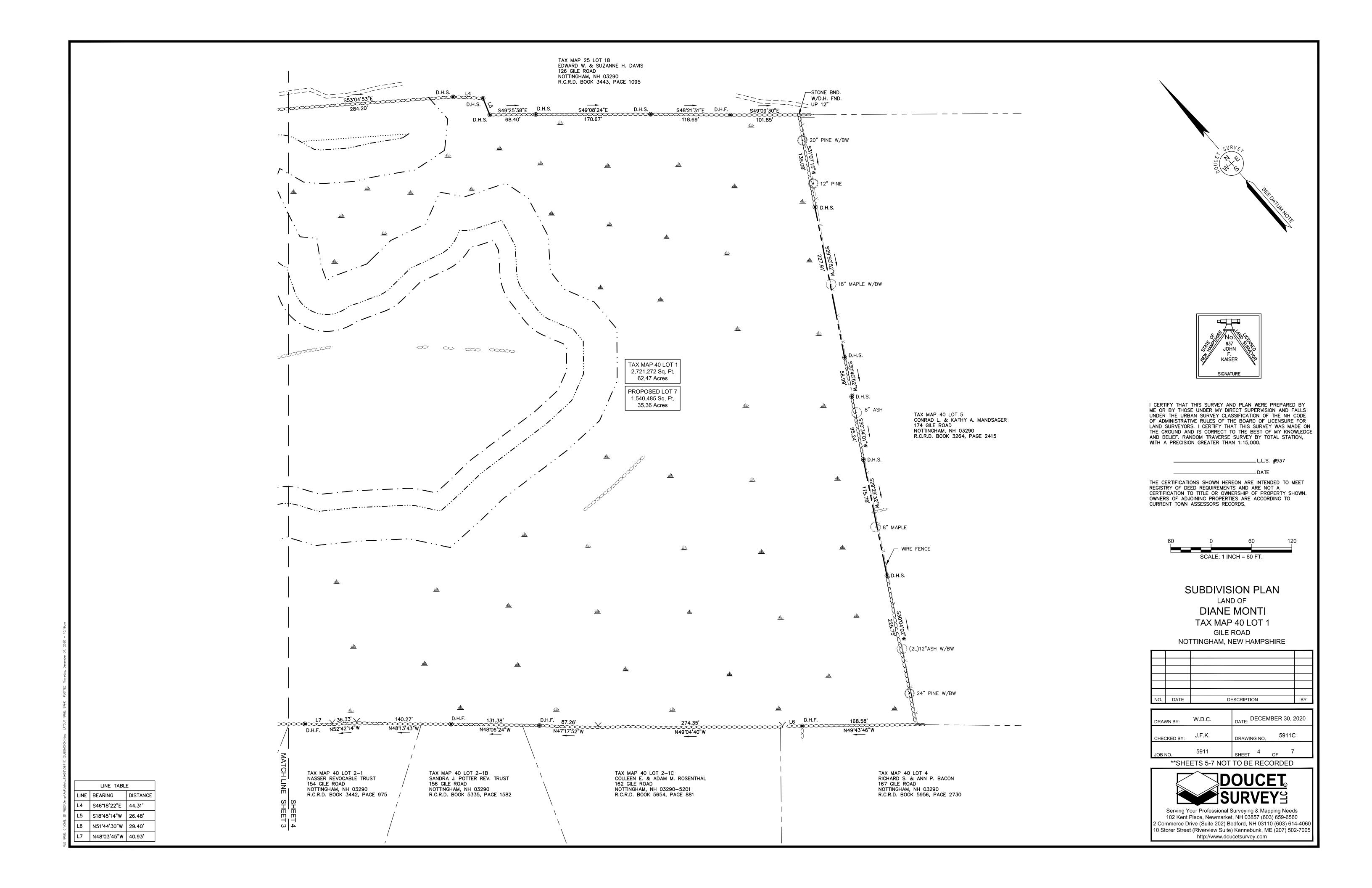
\*\*SHEETS 5-7 NOT TO BE RECORDED

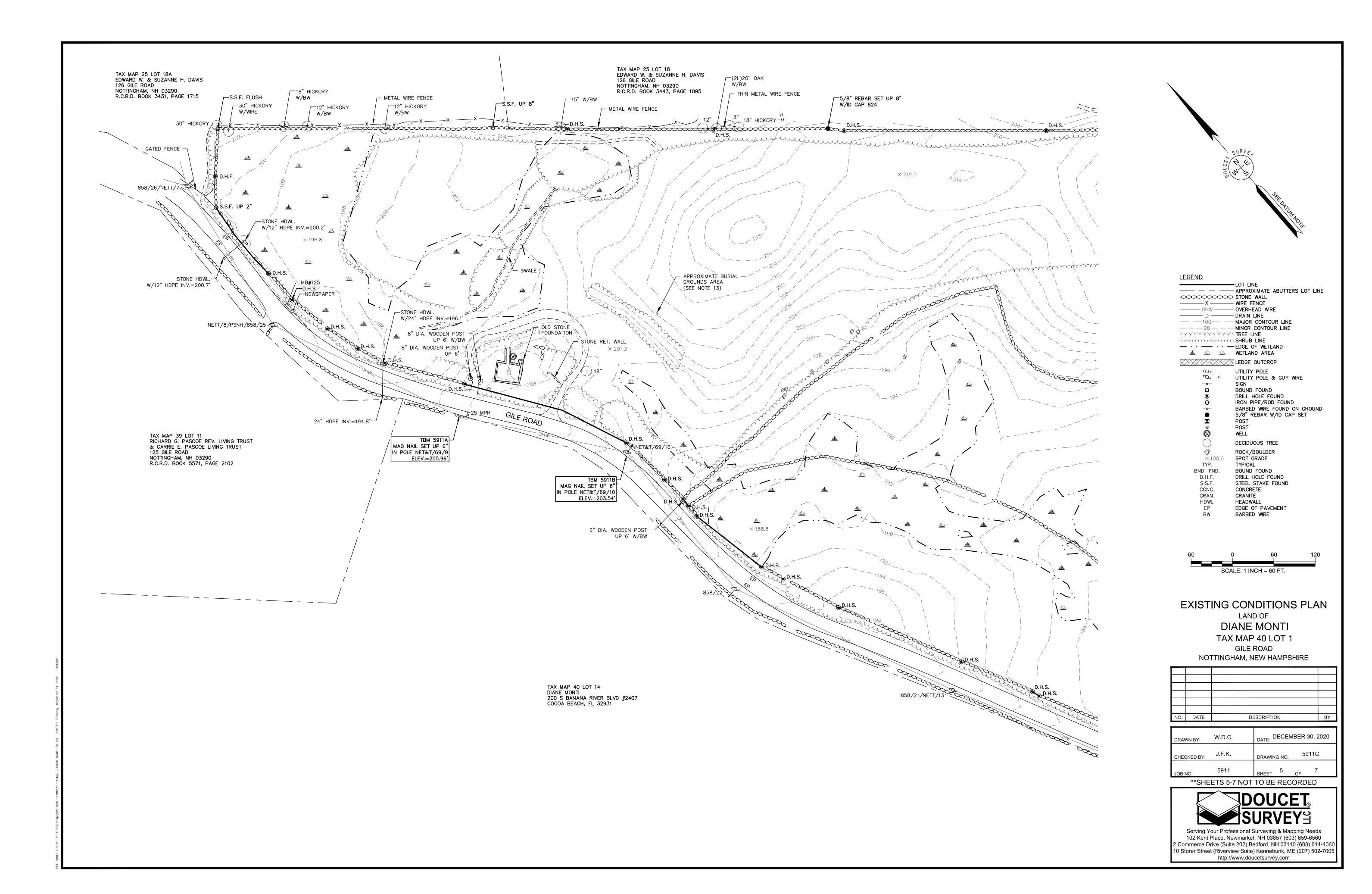


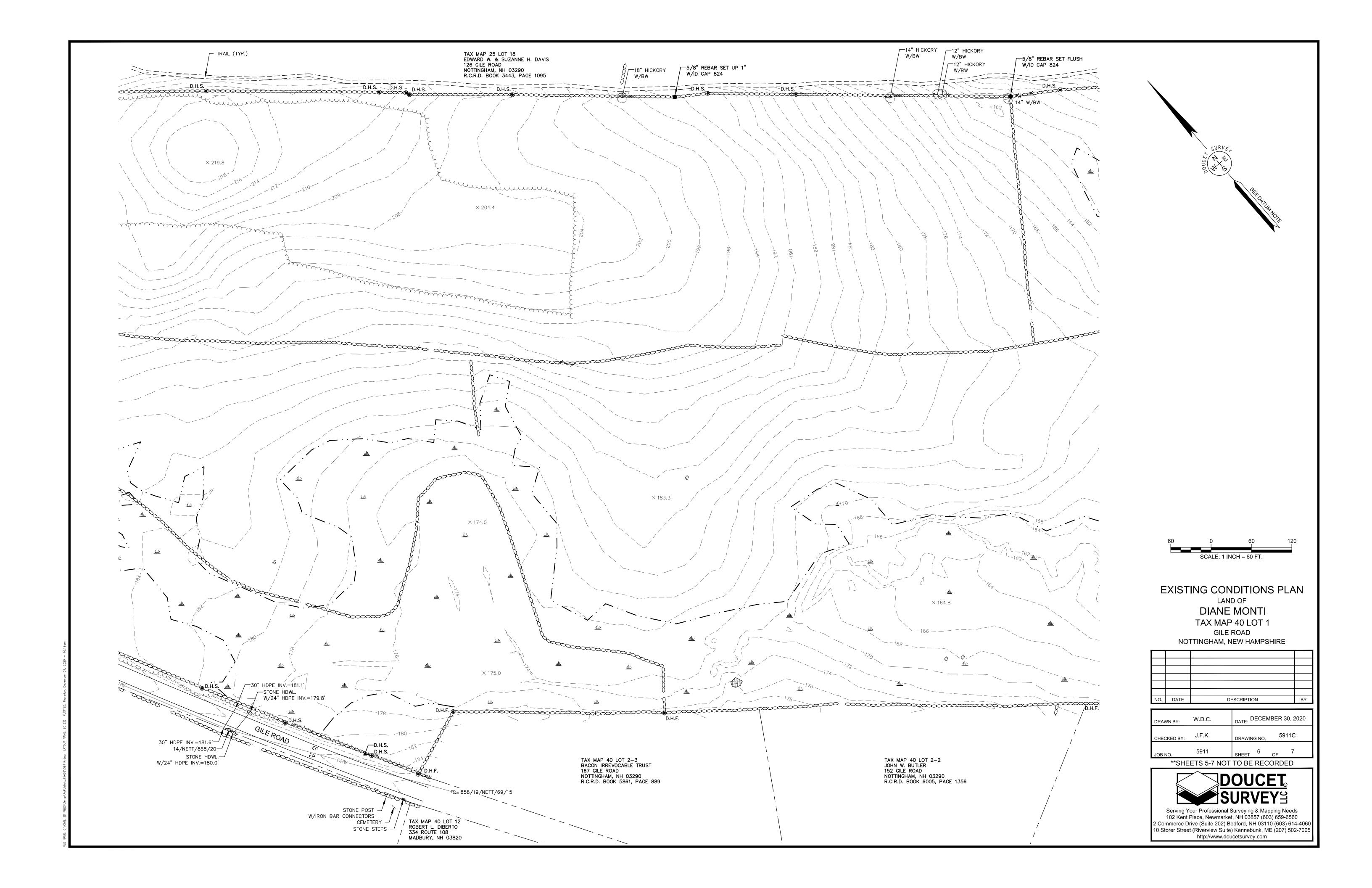
Serving Your Professional Surveying & Mapping Needs 102 Kent Place, Newmarket, NH 03857 (603) 659-6560 2 Commerce Drive (Suite 202) Bedford, NH 03110 (603) 614-4060 10 Storer Street (Riverview Suite) Kennebunk, ME (207) 502-7005 http://www.doucetsurvey.com

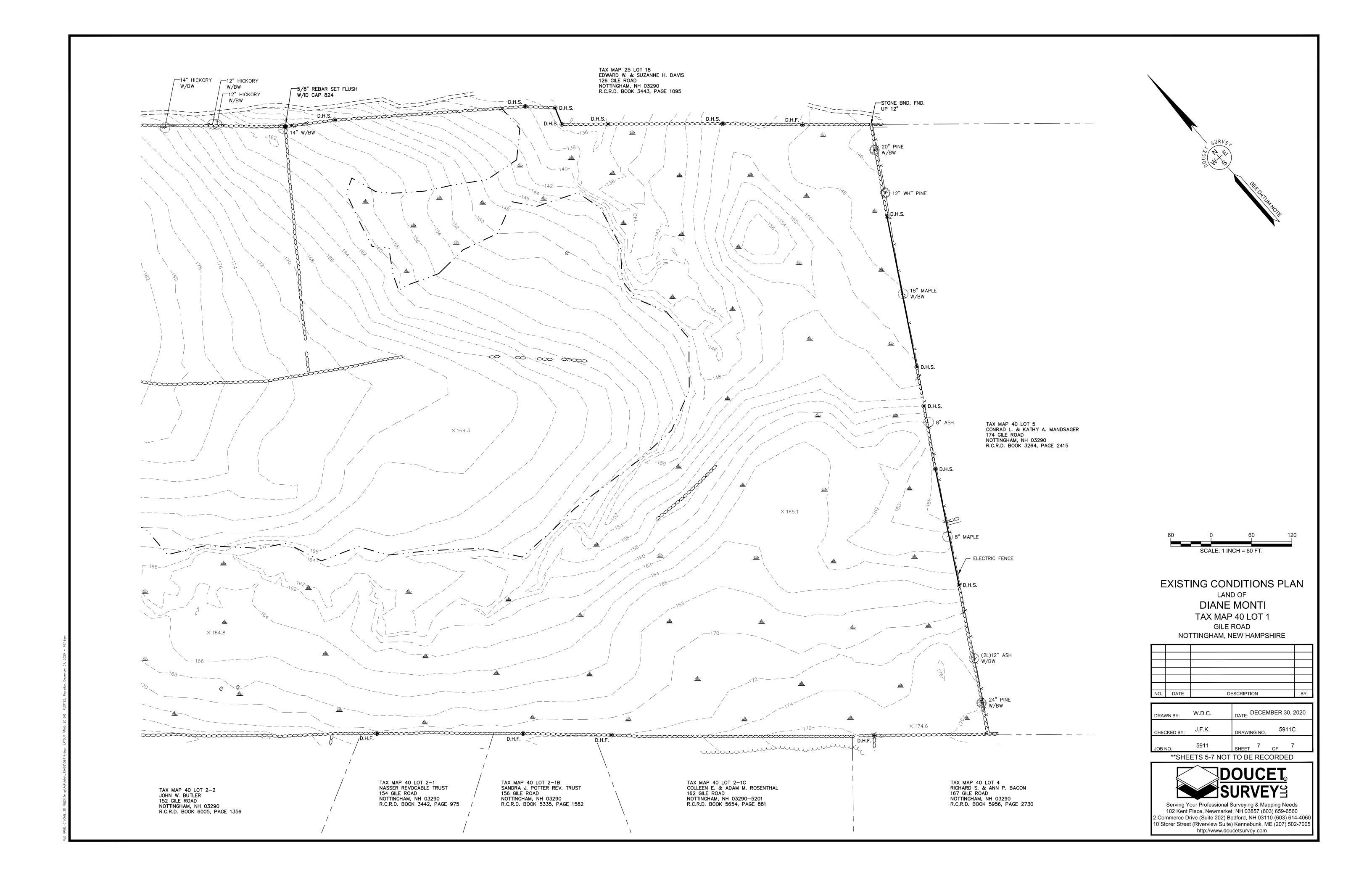


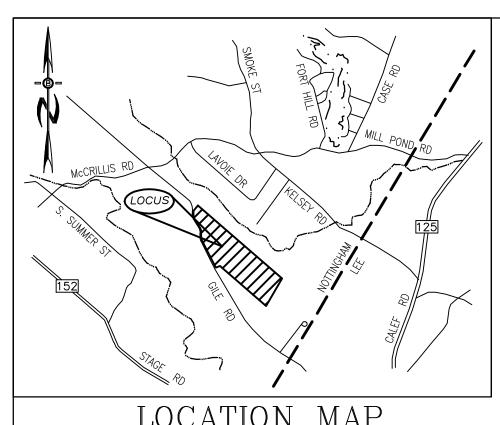












LOCATION MAP 1"=3000'

PROP. WELL W/ 75' PROTECTIVE RAD.

- 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
- 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. ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
- 4. ALL DRAINAGE WORK TO CONFORM TO TOWN STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 5. 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.
- 6. DISTURBANCE IS UNDER 100,000 SQ. FT. ALTERATION OF TERRIAN PERMIT RSA 485: A-17 IS NOT

THIS SOIL MAP WAS PREPARED BY A PROFESSIONAL SOIL SCIENTIST AND MEETS THE TECHNICAL STANDARDS OF THE SSSNNE PUBLICATION NO. 1, HIGH INTENSITY SOIL MAPS FOR NH, DECEMBER 2017.

WHITMAN

SDILS WERE IDENTIFIED USING THE KEY TO SDIL TYPES. SOIL MAPPING WAS PERFORMED BY JAMES GOVE, CSS # 004.

MINERAL RESTRICTIVE LAYER

SOIL TYPE	DESCRIPTION	SDIL SERIES
323 (S) H	MODERATELY WELL DRAINED GLACIAL TILL WITH	WOODBRIDGE
	MINERAL RESTRICTIVE LAYER	
123 (S) H	SOMEWHAT POORLY DRAINED GLACIAL TILL WITH	WOODBRIDGE SWPD
	MINERAL RESTRICTIVE LAYER	
523 (S) H	POORLY DRAINED GLACIAL TILL WITH	RIDGEBURY
	MINERAL RESTRICTIVE LAYER	

VERY POORLY DRAINED GLACIAL TILL WITH

LEACH FIELD SETBACKS 75' POORLY DRAINED SOILS VERY POORLY DRAINED SOILS

VERY POORLY DRAINED SOILS

ZONING REQUIREMENTS

ZONE: RESIDENTIAL/AGRICULTURAL—(RA) MIN. LOT SIZE = 2 ACRES

MIN. FRONTAGE = 200'

POORLY DRAINED SOILS

MIN. OPEN SPACE = 60%

MAX. HEIGHT = 34'

BUILDING SETBACKS:

SIDE & REAR

FRONT

PREPARED FOR:

50'

50' 50'

JOSEPH FALZONE 7B EMERY LANE STRATHAM, N.H. 03885

# BEALS · ASSOCIATES PLLC

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

NOTTINGHAM, NH

SCALE:

SHEET NO. 8 OF 9

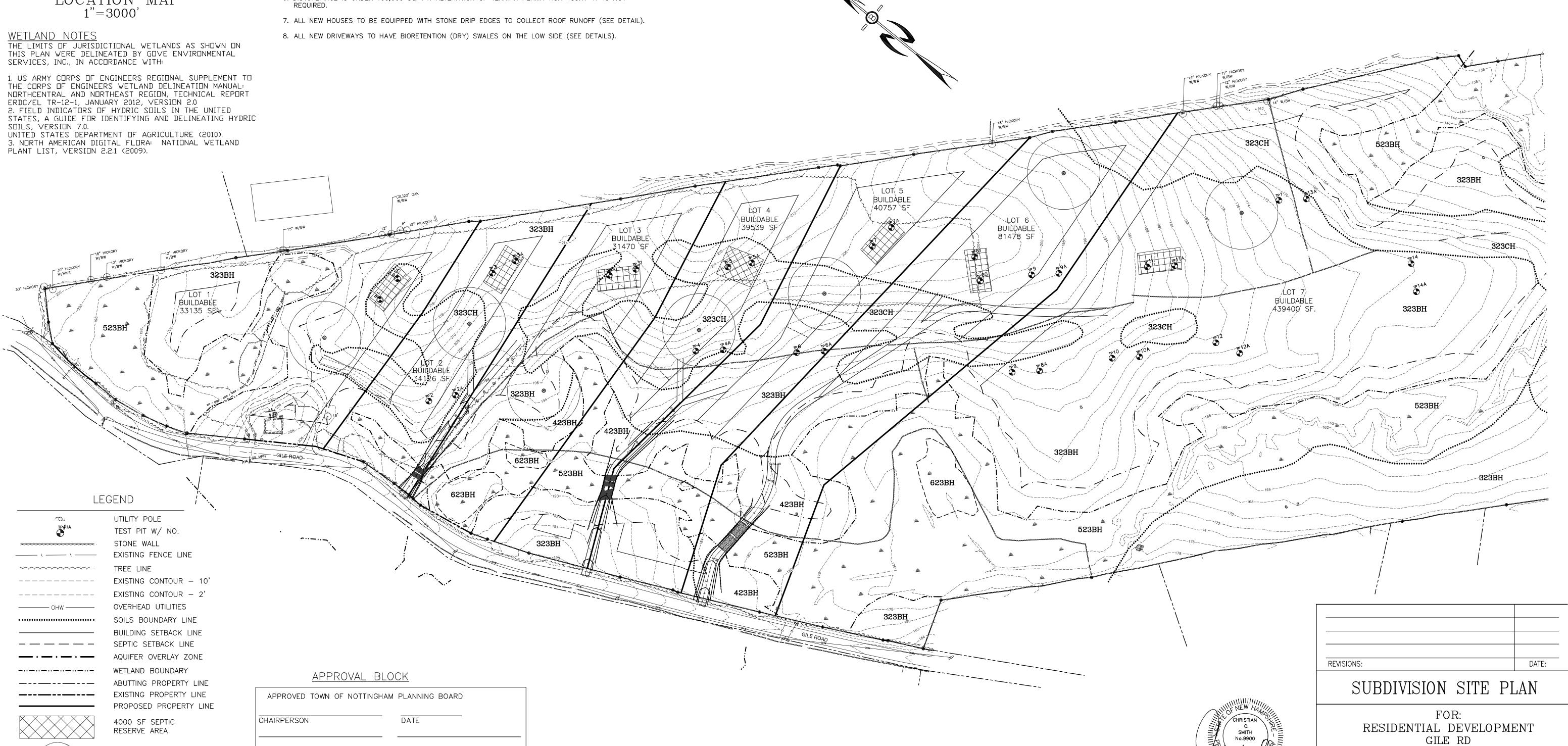
1'' = 100'

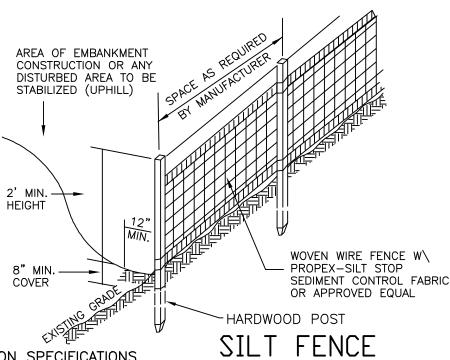
JAN. 2021

NH-1155

DATE:

PROJ. N0:





CONSTRUCTION SPECIFICATIONS 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8". 2. THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.

3. 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

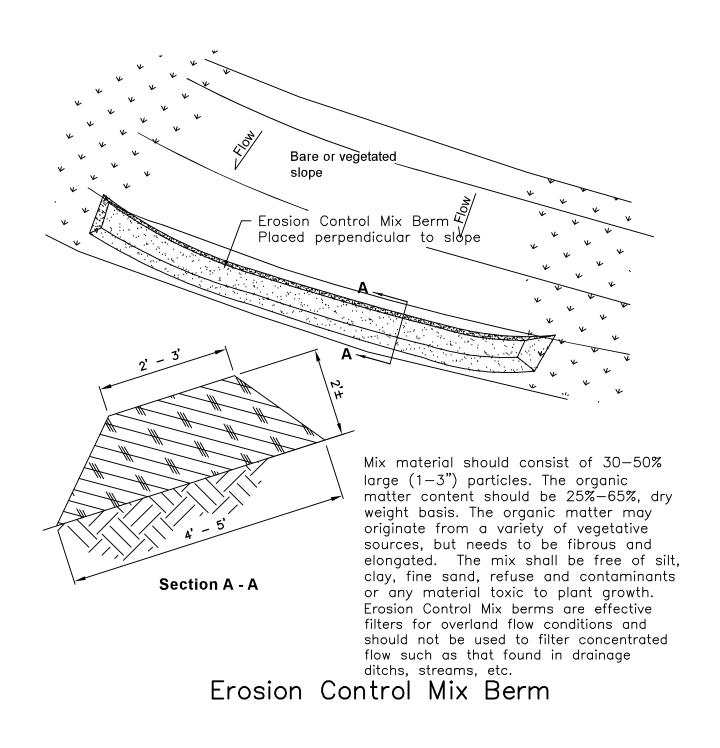
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF.

5. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE. 6. 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

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE

IMMEDIATELY. 2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY. 3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE

4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.



### TEMPORARY EROSION CONTROL MEASURES

1. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT NO MORE THAN 5 ACRES OF LAND SHALL BE EXPOSED BEFORE DISTURBED AREAS ARE STABILIZED\*. 2. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED OR DIRECTED BY THE ENGINEER ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL

GRADES AND ELEVATIONS. 3. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN 1.10 POUNDS OF SEED PER 1000 SQUARE FEET OF AREA. (48 POUNDS PER ACRE) SEE SEED SPECIFICATIONS THIS

4. SILT FENCES AND OTHER EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT GREATER THAN 0.25" DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.

REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED. 6. AREAS MUST BE SEEDED AND MULCHED WITHIN 3 DAYS OF FINAL GRADING, PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF SOIL.

5. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE

\* AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED: - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.

INSTALL 2" ROUNDED-

RIVER STONE ATOP

SEED FILTER MEDIA

2' WIDE 6" DEEP SWALE LINE

∠ MÈĎIA MÌX "A" (SÉE

3/4" WASHED STONE #67-

DRY SWALE NOT TO SCALE

FOR INFILTRATION

FILTER MEDIA □R

WITHIN SWALE

1.0' OF BIO MEDIA (MIN.)

0.5' DF #67 STONE

INSTALL FILTER FABRIC BETWEEN MEDIA AND STONE

MIRAFI 140N OR EQUAL

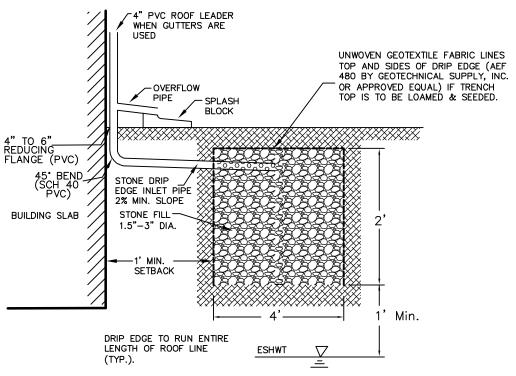
INV. BIO MEDIA-

- A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED. - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS RIPRAP HAS BEEN INSTALLED. - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

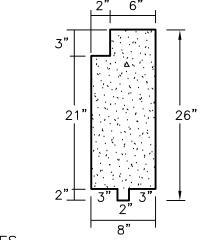
EDGE SIDE SLOPE\_GRADING

DRAINAGE NOTES

- 1. PROPOSED DRIVEWAYS TO HAVE 2' BOTTOM-WIDTH BIORETENTION DRY SWALES EITHER SIDE (SEE DETAIL).
- ALL DRAINAGE STRUCTURES AND SWALES WILL BE BUILT AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM.
- 3. ALL SNOW SHALL BE STORED OFF OF PAVEMENT ACCESS WAYS IN THE BIO-SWALES. 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.



NOT TO SCALE STONE DRIP EDGE SECTION



OR APPROVED EQUAL

1. CONCRETE: 5,000 PSI AFTER 28 DAYS. 2. REINFORCED FOR H-20 LOADING. 3. ALL BELOW GRADE EXTERIOR SURFACES SHALL BE COATED WITH KOL-TAR'S BLACK SHIELD ASPHALT COATING,

PREPARED FOR:

JOSEPH FALZONE

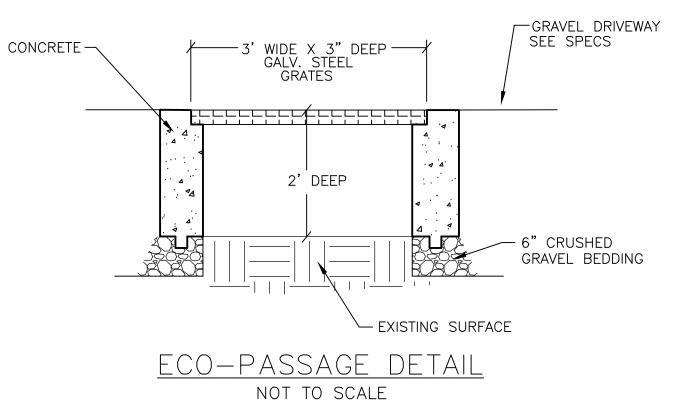
7B EMERY LANE

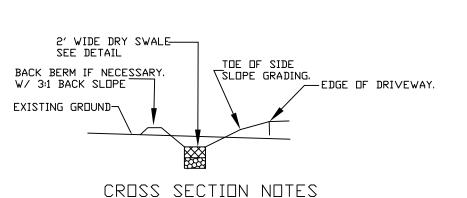
STRATHAM, N.H. 03885

BEALS · ASSOCIATES PLLC

70 PORTSMOUTH AVE, STRATHAM, N.H. 03885

PHONE: 603-583-4860, FAX. 603-583-4863





1. ALL FILL TO BRING SWALE BOTTOM TO SUBGRADE SHALL BE INSTALLED IN NO GREATER THAN 24" LIFTS

2. ALL FILL SHALL BE LOOSELY COMPACTED.

3. UNDERDRAIN IS NOT REQUIRED AS PART OF THE PLAN, IF THE CONTRACTOR FINDS EXCESSIVE GROUNDWATER THE DESIGN ENGINEER IS TO BE NOTIFIED.

4. SUBGRADE - CONTRACTOR SHALL REMOVE FILL MATERIAL & PROVIDE GRANULAR BACKFILL UNDER SWALE WASHED STONE LAYER, SCARIFY SUBGRADE PRIOR TO PLACEMENT OF STONE LAYER, ALL STONES GREATER THAN 6" IN DIAMETER SHALL BE REMOVED FROM THE SCARIFIED LAYER. ANY IMPORTED FILL SHALL BE FREE OF DRGANICS AND FROST AND SHALL HAVE NO ROCKS LARGER THAN 6" IN DIAMETER. FILL MATERIAL SHALL BE APPROVED BY THE DESIGN ENGINEER.

TYPICAL DRY SWALE CROSS-SECTION

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

CRUSHED STONE BEDDING \*

3/4"

3/8"

# 8

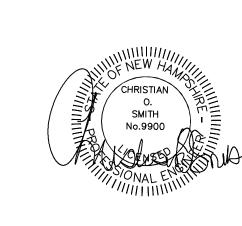
SIEVE SIZE % PASSING BY WEIGHT

90 - 100

20 - 55

0 - 5

\* EQUIVALENT TO STANDARD STONE SIZE #67 - SECTION 703 OF NHDOT STANDARD SPECIFICATIONS



REVISIONS:	DATE:

# CONSTRUCTION DETAILS

FOR: RESIDENTIAL DEVELOPMENT GILE RD NOTTINGHAM, NH

DATE:	JAN. 2021	SCALE:	NTS
PROJ. N0:	NH-1155	SHEET NO.	9 OF 9