

PLANNING BOARD:

AT THEIR MEETING ON OCTOBER 10, 2024, THE GOFFSTOWN PLANNING BOARD APPROVED THE FOLLOWING WAIVERS:  
WETLAND DELINEATIONS – ENTIRE SITE  
SOIL MAPPING – ENTIRE SITE

THE PLANNING BOARD VOTED TO APPROVE WITH THE FOLLOWING CONDITIONS:

- CERTIFICATION FROM A SURVEYOR THAT ALL THE MONUMENTATION HAS BEEN PROPERLY SET IN ACCORDANCE WITH THE APPROVED PLAN SHALL BE PROVIDED TO THE PLANNING DEPARTMENT.
- BUILDING PERMIT REQUIRED. ALL PERMITS MUST BE IN HAND BY THE TOWN, INCLUDING WETLANDS AND SHORELAND BEFORE A BUILDING PERMIT SHALL BE ISSUED.
- SIGNATURE AND STAMP OF THE PROFESSIONAL ENGINEER ON PLANS.
- SITE INSPECTION BY TOWN OR TOWN'S REPRESENTATIVE, PAID FOR BY THE OWNER, SHALL BE REQUIRED FOR GENERAL PLAN CONFORMANCE, EROSION CONTROL, AND DRAINAGE. A FINAL INSPECTION IS REQUIRED BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED. AN ESCROW PAYMENT SHALL BE MADE TO THE TOWN PRIOR TO THE PRE CONSTRUCTION MEETING.
- DRAINAGE MAINTENANCE AGREEMENT IS REQUIRED AND SHALL INCLUDE A REFERENCE TO THE REQUIRED MAINTENANCE SCHEDULE, PROCEDURES, AND RECORDING.
- A PRE-CONSTRUCTION MEETING WILL BE REQUIRED WITH TOWN STAFF BEFORE ANY CONSTRUCTION BEGINS.
- PROVISION OF DIGITAL FILES, AUTOCAD SUBMISSION ON NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD1988).
- BLASTING PERMIT IS REQUIRED FROM GOFFSTOWN FIRE DEPARTMENT.
- STREET EXCAVATION PERMIT IS REQUIRED FROM DPW FOR ALL EXCAVATION WORK TO BE PERFORMED IN THE ROW.
- NOTE ON THE PLAN THE BOARD'S FINAL WRITTEN DECISION, INCLUDING ANY WAIVERS, CONDITIONAL USE PERMITS, AND OUTSTANDING CONDITIONS OF APPROVAL, OR CONDITIONS SUBSEQUENT, AS REQUIRED BY CHAPTER 266 (SB189).
- REVIEW AND DETERMINATION THAT THE PLAN DOES NOT EXEMPT THE APPLICANT FROM THE OBLIGATION TO MEET ALL APPLICABLE REQUIRED CODES, INCLUDING, BUT NOT LIMITED TO BUILDING, ELECTRICAL, HEALTH, SAFETY, FIRE, ETC.
- REVIEW AND DETERMINATION OF THE PLAN DOES NOT EXEMPT APPLICANT FROM THE OBLIGATION TO MEET ALL APPLICABLE REQUIRED APPROVALS AND PERMITTING, INCLUDING, BUT NOT LIMITED TO PUBLIC UTILITIES, WETLANDS, SHORELAND, STORMWATER, NHDES, US EPA, US ARMY CORPS OF ENGINEERS, ETC.
- PROVIDE PDF AND .DWG OF THE APPROVED PLANS.
- A DEED SHALL BE RECORDED WITHIN SIX MONTHS OF PLANNING BOARD'S RECORDING OF THE PLAN.
- PAYMENT OF IMPACT FEE OF \$8,871 FOR A NEW SINGLE-FAMILY HOME PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- PER THE DEVELOPMENT REGULATIONS SECTION 3.C.13., THE TOWN ASSESSOR WILL ADVISE WHETHER AN INTENT TO CUT PERMIT IS REQUIRED. PLEASE CONTACT THE ASSESSING OFFICE PRIOR TO APPLYING FOR BUILDING PERMIT.
- A DRIVEWAY MODIFICATION PERMIT IS REQUIRED TO CONTINUE THE DRIVEWAY TO THE AREA OF THE PROPOSED HOME.
- THE DRIVEWAY SHALL BE BUILT TO NFPA REQUIREMENTS, WHICH ALSO REQUIRE A TURN-AROUND AT THE END.
- PLACARD MARKINGS SHALL BE REQUIRED FOR THE WETLAND SURFACE WATER CONSERVATION DISTRICT AT THE END OF THE OUTER 100' BUFFER, SPACED EVERY 50'.

LEGEND

- PROPERTY LINE
- PROPOSED PROPERTY LINE
- ABUTTER PROPERTY LINE
- STONE WALL
- BUILDING SETBACK
- WETLAND LINE
- ZONE LINE

PLAN REFERENCES:

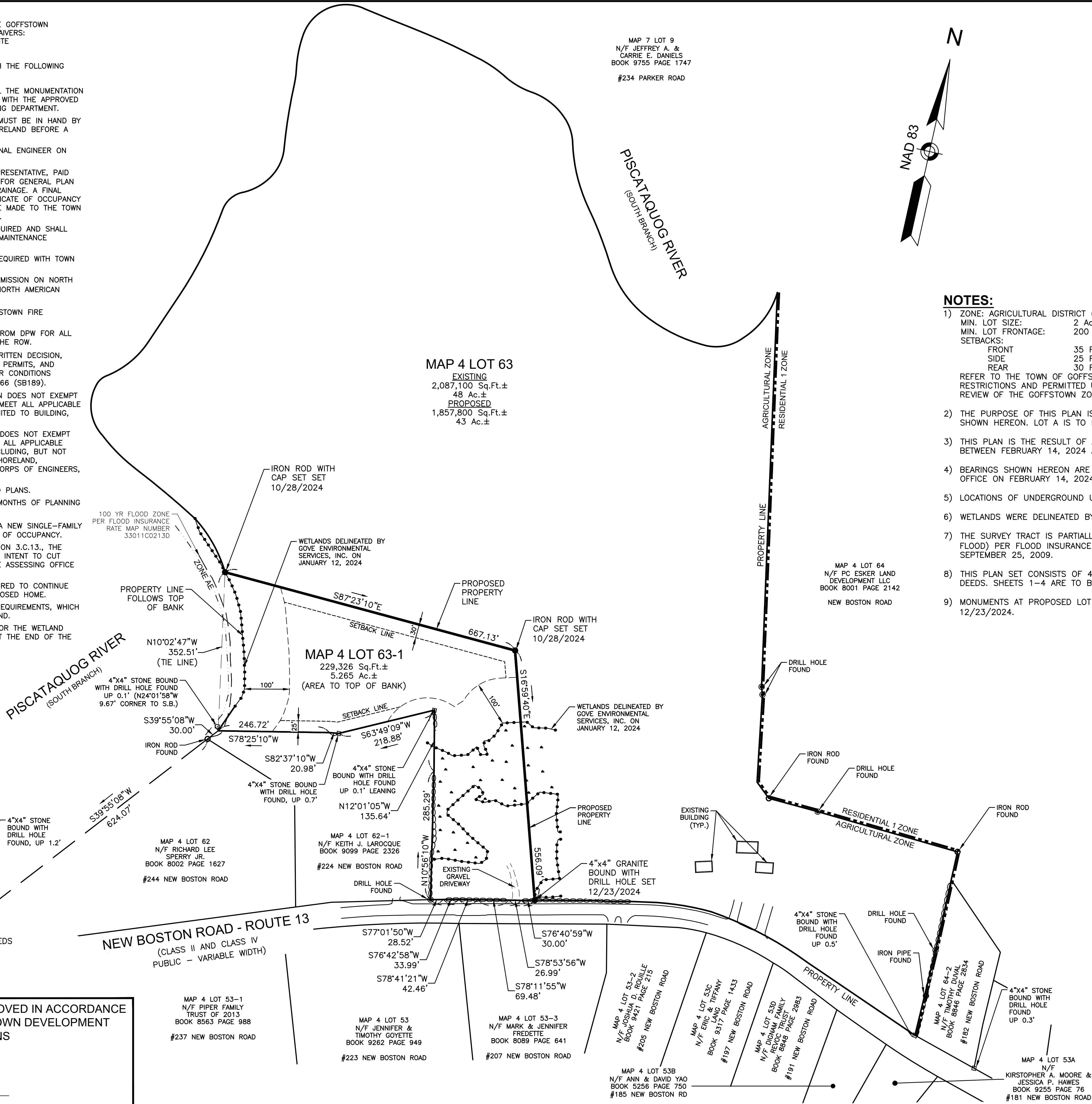
HILLSBOROUGH COUNTY REGISTRY OF DEEDS

- PLAN NO. 10138
- PLAN NO. 27963
- PLAN NO. 31763

THIS SUBDIVISION PLAN IS APPROVED IN ACCORDANCE WITH THE TOWN OF GOFFSTOWN DEVELOPMENT REGULATIONS

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

SIGNED: \_\_\_\_\_



MAP 7 LOT 9  
N/F JEFFREY A. &  
CARRIE E. DANIELS  
BOOK 9755 PAGE 1747  
#234 PARKER ROAD

MAP 4 LOT 63  
EXISTING  
2,087,100 Sq.Ft.±  
48 Ac.±  
PROPOSED  
1,857,800 Sq.Ft.±  
43 Ac.±

MAP 4 LOT 63-1  
229,326 Sq.Ft.±  
5.265 Ac.±  
(AREA TO TOP OF BANK)

MAP 4 LOT 64  
N/F PC ESKER LAND  
DEVELOPMENT LLC  
BOOK 8001 PAGE 2142  
NEW BOSTON ROAD

MAP 4 LOT 61  
N/F TOWN OF  
GOFFSTOWN  
BOOK 4236 PAGE 69  
OFF NEW BOSTON ROAD

MAP 4 LOT 62  
N/F RICHARD LEE  
SPERRY JR.  
BOOK 8002 PAGE 1627  
#244 NEW BOSTON ROAD

MAP 4 LOT 62-1  
N/F KEITH J. LAROCQUE  
BOOK 9099 PAGE 2326  
#224 NEW BOSTON ROAD

MAP 4 LOT 53  
N/F JENNIFER &  
TIMOTHY GOYETTE  
BOOK 9262 PAGE 949  
#223 NEW BOSTON ROAD

MAP 4 LOT 53-3  
N/F MARK & JENNIFER  
FREDETTE  
BOOK 8089 PAGE 641  
#207 NEW BOSTON ROAD

MAP 4 LOT 53-2  
N/F KATHA D. ROUILLE  
BOOK 9421 PAGE 215  
#205 NEW BOSTON ROAD

MAP 4 LOT 53C  
N/F ERIC & TIFFANY  
BOOK 8317 PAGE 1433  
#197 NEW BOSTON ROAD

MAP 4 LOT 53D  
N/F RICHMAN FAMILY  
BOOK 8845 PAGE 2983  
#191 NEW BOSTON ROAD

MAP 4 LOT 53A  
N/F  
KIRSTOPHER A. MOORE &  
JESSICA P. HAWES  
BOOK 9255 PAGE 76  
#181 NEW BOSTON ROAD

NOTES:

- ZONE: AGRICULTURAL DISTRICT (A)  
MIN. LOT SIZE: 2 Acres  
MIN. LOT FRONTAGE: 200 Ft.  
SETBACKS:  
FRONT 35 Ft.  
SIDE 25 Ft.  
REAR 30 Ft.  
REFER TO THE TOWN OF GOFFSTOWN ZONING ORDINANCE FOR VERIFICATION, ADDITIONAL RESTRICTIONS AND PERMITTED USES. THE ZONING INFORMATION SHOWN HEREON IS BASED ON A REVIEW OF THE GOFFSTOWN ZONING ORDINANCE.
- THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE MAP 4 LOT 63-1 FROM MAP 4 LOT 63 AS SHOWN HEREON. LOT A IS TO BE CONSIDERED A SEPARATE BUILDABLE LOT.
- THIS PLAN IS THE RESULT OF AN ON-THE-GROUND FIELD SURVEY PERFORMED BY THIS OFFICE BETWEEN FEBRUARY 14, 2024 AND OCTOBER 28, 2024.
- BEARINGS SHOWN HEREON ARE BASED ON NAD83 PER GPS OBSERVATIONS PERFORMED BY THIS OFFICE ON FEBRUARY 14, 2024.
- LOCATIONS OF UNDERGROUND UTILITIES ARE NOT SHOWN.
- WETLANDS WERE DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. ON JANUARY 12, 2024.
- THE SURVEY TRACT IS PARTIALLY LOCATED IN A SPECIAL FLOOD HAZARD AREA (100 YEAR FLOOD) PER FLOOD INSURANCE RATE MAP NUMBER 33011C0213D, WITH AN EFFECTIVE DATE OF SEPTEMBER 25, 2009.
- THIS PLAN SET CONSISTS OF 4 SHEETS. SHEET 1 IS TO BE RECORDED AT THE REGISTRY OF DEEDS. SHEETS 1-4 ARE TO BE FILED WITH THE TOWN OF GOFFSTOWN.
- MONUMENTS AT PROPOSED LOT CORNERS WERE SET BY THIS OFFICE ON 10/28/2024 AND 12/23/2024.

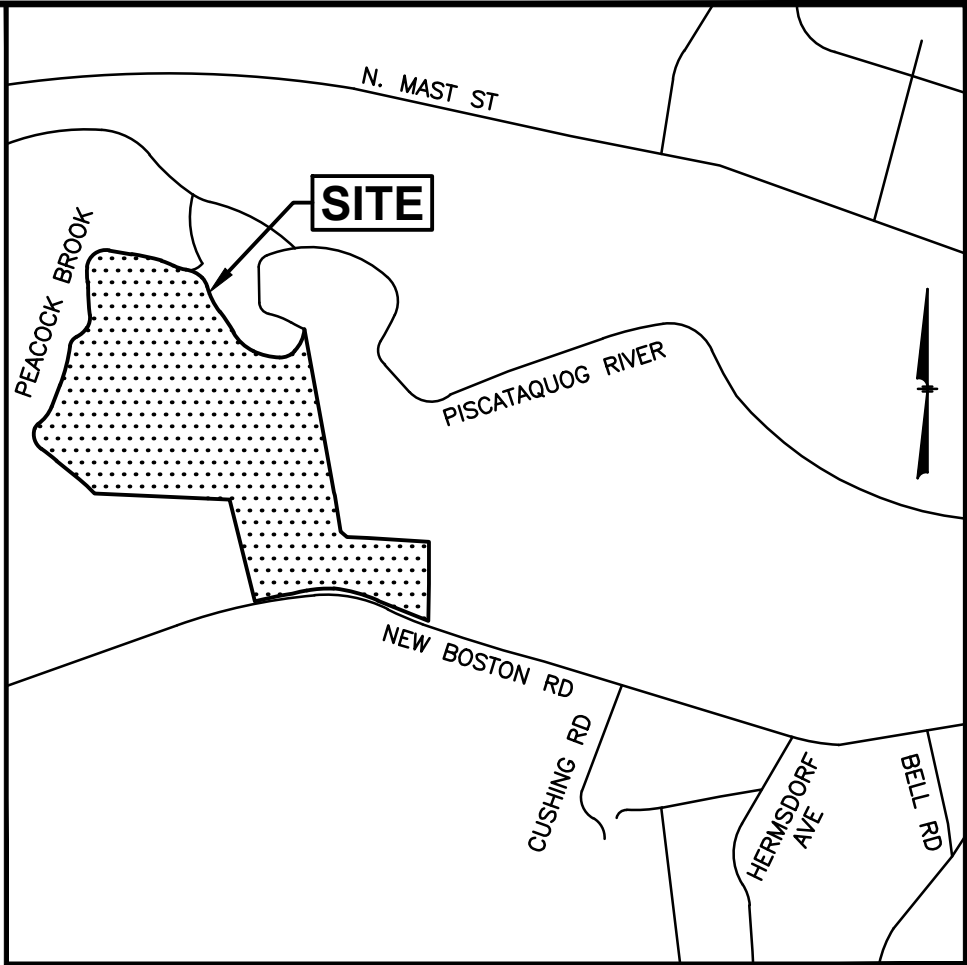
CERTIFICATION:

I CERTIFY THAT THIS SURVEY AND PLAN WAS PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAN IS THE RESULT OF AN ACTUAL SURVEY PERFORMED ON THE GROUND BETWEEN FEBRUARY & OCTOBER 2024 AND HAS AN ERROR OF CLOSURE OF NOT MORE THAN ONE PART IN TEN THOUSAND.



SCOTT M. L'ITALIEN, LLS #1019  
DATE 1/10/2025

0 120 240 360 480  
SCALE: 1" = 120'



LOCATION MAP  
(NOT TO SCALE)

**GPI** Engineering  
Design  
Planning  
Construction Inspection  
603.893.0720 GPINET.COM  
Greenman-Pedersen, Inc.  
44 Stiles Road, Suite One  
Salem, NH 03079

PREPARED FOR  
JOE MULLANEY  
54 NORTH MAST ROAD  
GOFFSTOWN, NH

ASSESSOR MAP 4 LOT 63  
200 NEW BOSTON ROAD  
GOFFSTOWN, NEW HAMPSHIRE

OWNER OF RECORD:  
MAP 4 LOT 63  
CHRISTOPHER CHANDLER  
200 NEW BOSTON ROAD  
GOFFSTOWN, NH 03045  
BOOK 9590 PAGE 1918

REVISIONS		
2	ISSUED FOR TOWN APPROVAL	1/10/25
1	TOWN COMMENTS	8/29/24
JULY 18, 2024		
DRAWN/DESIGN BY KAC	CHECKED BY SML	

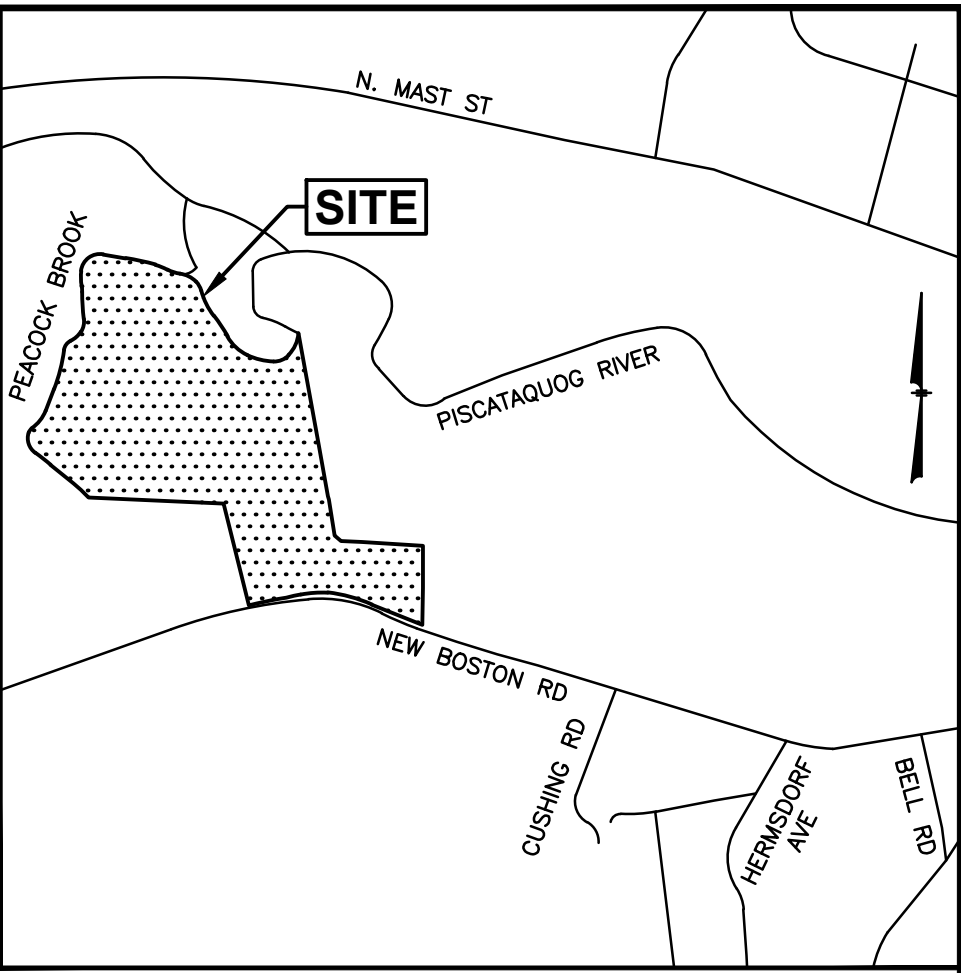
SUBDIVISION  
PLAN

SCALE: 1"=120'

NEX-2300433

1 OF 5





## NOTES

SEE SHEET 1 FOR NOTES.

WETLANDS WERE DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. ON JANUARY 12, 2024 UTILIZING THE FOLLOWING STANDARDS:

- 3) U.S. ARMY CORPS OF ENGINEERS INTERIM REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, TECHNICAL REPORT ERDC/EL TR-09-19 (OCTOBER 2009).
- 4) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 7.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2010).
- 5) NORTH AMERICAN DIGITAL FLODA: NATIONAL WETLAND PLANT LIST, VERSION 2.2.1 (2009).
- 6) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES. USFW MANUAL FWS/OBS-79/31 (1979).

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.

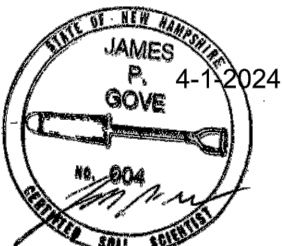
THE SITE SPECIFIC SOIL MAP WAS PRODUCED 4-1-2024, AND WAS PREPARED BY  
JAMES P. GOVE, CSS # 004, GOVE ENVIRONMENTAL SERVICES, INC.

### SOIL IDENTIFICATION LEGEND

<u>SSSS SYMBOL</u>	<u>SSSS MAP NAME</u>	<u>HYDROLOGIC SOIL GROUP</u>
43	CANTON, VERY STONY	B
445	NEWFIELDS, VERY STONY	B
547	WALPOLE, VERY STONY	C

SLOPE PHASE:  
0-8% A      8-15% B      15-25% C      25%-50% D      50%+ F

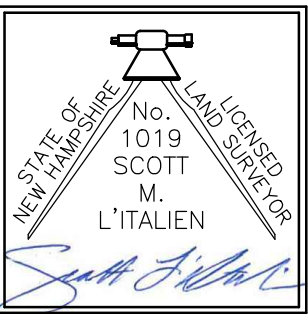
## SOIL SURVEY PERFORMED



BY  
GOVE ENVIRONMENTAL SERVICES, INC.  
8 CONTINENTAL DR., BLDG 2, UNIT H, EXETER, NH 03833-7507

**CERTIFICATION:**

CERTIFY THAT THIS SURVEY AND PLAN WAS PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAN IS THE RESULT OF AN ACTUAL SURVEY PERFORMED ON THE GROUND IN FEBRUARY & OCTOBER 2024 AND HAS AN ERROR OF CLOSURE OF NOT MORE THAN ONE PART IN TEN THOUSAND.



SCOTT M. L'ITALIEN, LLS #1019

5/13/2025  
DATE

PREPARED FOR

JOE MULLANEY  
54 NORTH MAST ROAD  
GOFFSTOWN, NH

**ASSESSOR MAP 4 LOT 63**

**200 NEW BOSTON ROAD  
GOFFSTOWN, NEW HAMPSHIRE**

**OWNER OF RECORD:**

MAP 4 LOT 63  
CHRISTOPHER CHANDLER  
200 NEW BOSTON ROAD  
GOFFSTOWN, NH 03045  
BOOK 9590 PAGE 1918

REVISIONS		
3	NHDES COMMENTS	5/13/25
2	ISSUED FOR TOWN APPROVAL	1/10/25
1	TOWN COMMENTS	8/29/24
JULY 18, 2024		
DRAWN/DESIGN BY KAC		CHECKED BY SML

# TOPOGRAPHIC SUBDIVISION PLAN

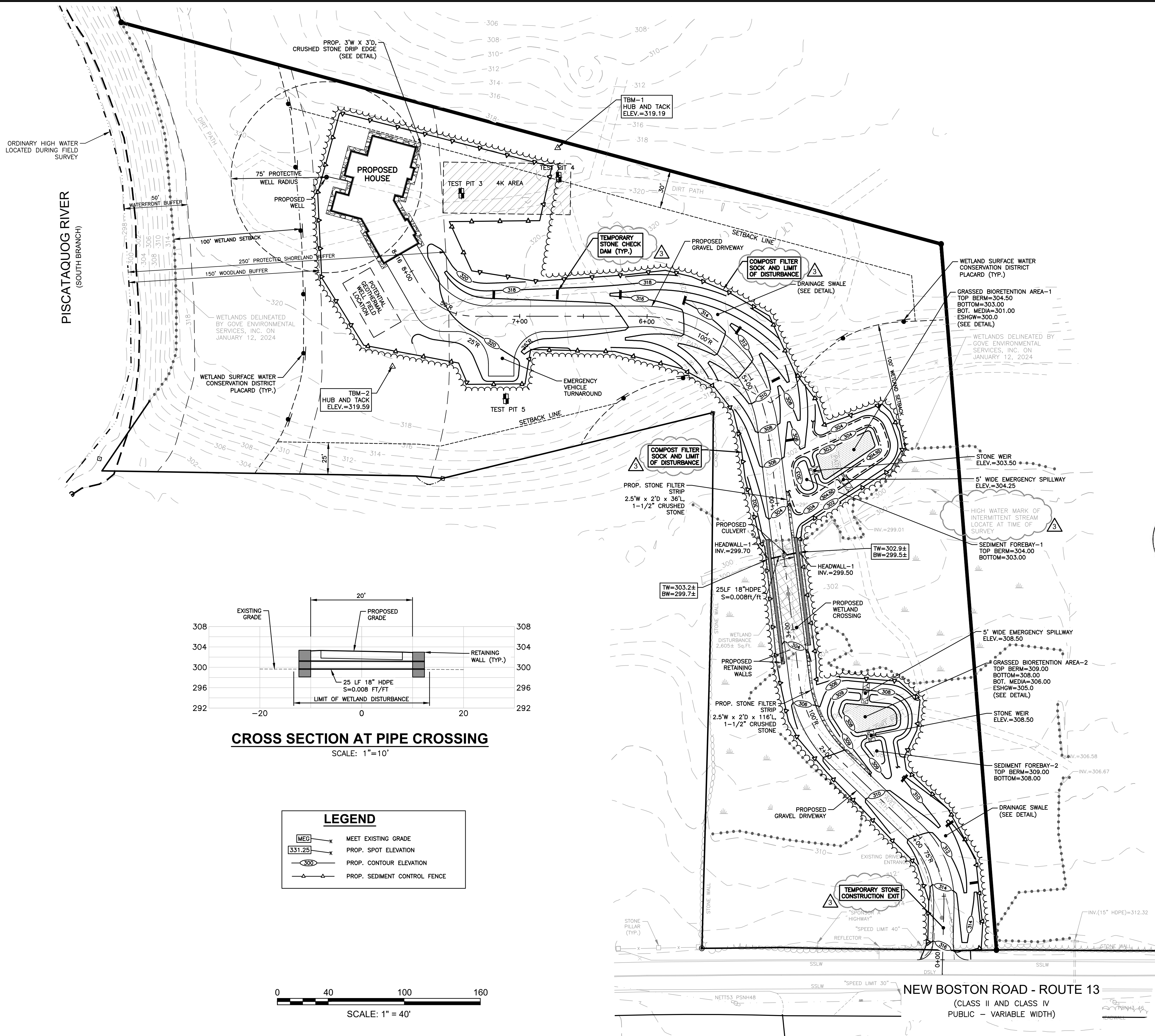
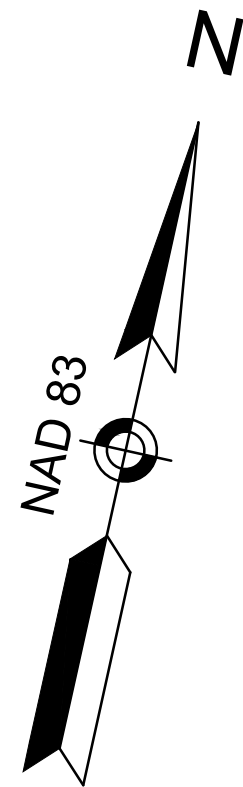
SCALE: 1"=40'

NEX-2300433

2 OF 4



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**GPI**

Engineering  
Design  
Planning  
Construction Inspection

603.893.0720  
Greenman-Pedersen, Inc.  
44 Stiles Road, Suite One  
Salem, NH 03079

GPINET.COM

PREPARED FOR  
JOSEPH MULLANEY  
54 NORTH MAST ROAD  
GOFFSTOWN, NH

ASSESSOR MAP 4 LOT 63  
200 NEW BOSTON ROAD  
GOFFSTOWN, NEW HAMPSHIRE

STATE OF NEW HAMPSHIRE  
BRENDEN M. WALDEN  
5/9/2025  
No. 207  
LICENSED PROFESSIONAL ENGINEER  
5-9-25

STATE OF NEW HAMPSHIRE  
CORY N. MASON  
No. 17099  
LICENSED PROFESSIONAL ENGINEER  
5-9-25

REVISIONS		
3	REV. PER STATE COMMENTS	5/9/25
2	REV. FOR AOT SUBMISSION	3/18/25
1	TOWN COMMENTS	8/29/24
NO.	REVISION	DATE

JULY 18, 2024

DRAWN/DESIGN BY  
KAC/CNM

CHECKED BY  
CNM

SITE DEVELOPMENT PLAN

SCALE: 1"=40'

NEX-2300433

3 OF 5



- 1) ELEVATIONS ARE BASED ON NAVD88 DATUM.
- 2) ALL PROPOSED ELEVATIONS AS SHOWN ARE BOTTOM OF CURB ELEVATIONS, UNLESS OTHERWISE NOTED.
- 3) THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIG-SAFE (DIAL 811) PRIOR TO COMMENCING ANY EXCAVATION.
- 4) THIS SITE WILL REQUIRE A USEPA NPDES PERMIT FOR STORMWATER DISCHARGE FOR THE SITE CONSTRUCTION IF THE DISTURBANCE EXCEEDS ONE ACRE (ACTUAL DISTURBANCE TO BE CALCULATED ONCE FINAL BUILDING FOOTPRINT IS DETERMINED). THE CONSTRUCTION SITE OPERATOR SHALL DEVELOP AND IMPLEMENT A CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP), WHICH SHALL REMAIN ON SITE AND MADE ACCESSIBLE TO THE PUBLIC. A NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE EPA AT LEAST 14 CALENDAR DAYS PRIOR TO CONSTRUCTION. A COMPLETED NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO THE EPA WITHIN 30 DAYS AFTER EITHER OF THE FOLLOWING CONDITIONS HAVE BEEN MET: FINAL STABILIZATION HAS BEEN ACHIEVED ON ALL PORTIONS OF THE SITE FOR WHICH THE PERMITEE RESPONDED OR ANOTHER OPERATOR/PERMITEE HAS ASSUMED CONTROL OVER ALL AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- 5) ALL TRAFFIC CONTROL AND TEMPORARY CONSTRUCTION SIGNAGE ARRANGEMENTS, ACCEPTABLE TO THE GOFFSTOWN DEPARTMENT OF PUBLIC WORKS, SHALL BE EMPLOYED DURING OPERATIONS WITHIN THE PUBLIC RIGHT-OF-WAY.
- 6) SITE INSPECTION BY TOWN OR TOWN'S REPRESENTATIVE, PAID FOR BY THE OWNER, SHALL BE REQUIRED FOR GENERAL PLAN CONFORMANCE, EROSION CONTROL, AND DRAINAGE. A FINAL INSPECTION IS REQUIRED BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED. AN ESROWR PAYMENT SHALL BE MADE TO THE TOWN PRIOR TO THE PRE-CONSTRUCTION MEETING.

1) APPLICATION OF PERMANENT GRASS SEED SHALL BE ACCOMPLISHED BY BROADCAST SEEDING OR HYDROSEEDING AT THE RATES OUTLINED BELOW:

<u>NEW ENGLAND NATIVE WARM SEASON GRASS MIX:</u>	23 LBS/ACRE
<u>SEED MIX (SLOPES LESS THAN 4:1)</u>	<u>LBS/ACRE</u>
GREeping RED FESCUE	20
TALL FESCUE	15
PERENNIAL RYEGRASS	5
REDTOP	42
<u>SLOPE MIX (SLOPES GREATER THAN 4:1)</u>	<u>LBS/ACRE</u>
GREeping RED FESCUE	20
TALL FESCUE	20
BIRDSFOOT TREEFOIL	8
	48

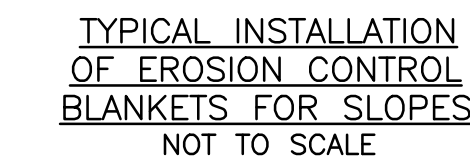
2) SEE TEMPORARY EROSION CONTROL NOTES THIS SHEET.

- THE EROSION CONTROL PROCEDURES SHALL CONFORM TO THE NH STORMWATER MANUAL, VOLUME 3, EROSION & SEDIMENT CONTROLS DURING CONSTRUCTION, DECEMBER 2008, OR LATEST EDITION.
- 2) DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED: THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE LEFT TO THE MINOR SHORT-TERM PERIOD OF TIME ALLOWED BY THE ENGINEER. LAND SHOULD NOT BE LEFT EXPOSED DURING THE WINTER MONTHS.
- 3) SEDIMENT CONTROL BARRIER SHALL BE INSTALLED AND MAINTAINED DURING AND AFTER DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER AND FROM LAND UNDERGOING DEVELOPMENT, WHERE POSSIBLE. NATURAL DRAINAGEWAYS SHOULD BE UTILIZED AND LEFT OPEN TO REMOVE EXCESS SURFACE WATER. SEDIMENT CONTROL BARRIER TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
- 4) ALL DISTURBED AREAS AND SIDE SLOPES WHICH ARE FINISHED GRADED, WITH NO FURTHER CONSTRUCTION TO TAKE PLACE, SHALL BE LOAMED AND SEEDED WITHIN 72 HOURS AFTER FINAL GRADING. A MINIMUM OF 4" OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. THE SEED MIX SHALL BE AS DESIGNATED BELOW.
- 5) ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY, AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MACHINE HAY MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION. THE MAXIMUM LENGTH OF TIME FOR THE EXPOSURE OF DISTURBED SOILS SHALL BE 30 DAYS. HAY OR STRAW MULCH SHOULD BE APPLIED TO ALL FRESHLY SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE. BALES SHALL BE UNSPOILED, AIR DRIED, AND FREE FROM WEED, SEEDS AND ANY COARSE MATERIAL.
- 6) DURING GRADING OPERATIONS INSTALL SEDIMENT CONTROL BARRIER ALONG TOE OF SLOPE OF FILL AREAS WHERE SHOWN. BARRIERS ARE TO BE MAINTAINED UNTIL DISTURBED AREAS ARE PAVED OR GRASSED.
- 7) THE FILL MATERIAL SHALL BE OF APPROVED SOIL TYPE FREE FROM STUMPS, ROOTS, WOOD, ETC. WHICH COULD CAUSE PROBLEMS TO SPECIFIED BUILDINGS, TRUCKS, TRACTORS, OR ROLLERS MAY BE USED FOR COMPACTION BY ROUTING THE EQUIPMENT TO ALL AREAS OR EACH LAYER.
- 8) AVOID THE USE OF FUTURE OPEN SPACES (LOAM & SEED) WHEREVER POSSIBLE DURING CONSTRUCTION. CONSTRUCTION TRAFFIC SHALL USE THE ROADBEDS OF FUTURE ROADS.
- 9) ALL EROSION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF OFF SITE ONCE STABILIZATION OF DISTURBED AREAS HAS OCCURRED.
- 10) STABILIZED MEANS:
  - A MINIMUM OF 85% OF NATIVE COVER HAS BEEN ESTABLISHED;
  - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED; OR
  - EROSION CONTROL BLANKETS HAVE BEEN INSTALLED.
  - IN AREAS TO BE PAVED, BASE COURSE GRAVELS MEETING THE REQUIREMENTS OF NHDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION, 2016, ITEM 304.2 HAVE BEEN INSTALLED.
- 11) WINTER CONSTRUCTION REQUIREMENTS:
  - ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER 15 SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1 AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORING NETTING, ELSEWHERE. MULCH INSTALLATION SHALL BE COMPLETED BY OCTOBER 15. MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
  - ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
  - AFTER OCTOBER 15, COMPLETE DRIVEWAY AREAS WHERE ACTIVE CONSTRUCTION HAS STOPPED FOR WINTER SHALL BE PROTECTED WITH A MINIMUM OF 3-INCH LAYER OF BASE COURSE GRAVELS (NHDOT ITEM 304.1 OR 304.2).

- 1) A PRE-CONSTRUCTION MEETING WILL BE REQUIRED WITH TOWN STAFF BEFORE ANY CONSTRUCTION BEGINS.
- 2) SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY ON-SITE CONSTRUCTION AS SHOWN. ADDITIONAL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICAL.
- 3) REMOVE AND STOCKPILE SOIL AS REQUIRED. STOCKPILE SHALL BE SURROUNDED WITH SEDIMENT CONTROL FENCING TO PREVENT EROSION.
- 3) CONSTRUCT DRIVEWAY AND PERFORM SITE GRADING.
- 5) BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDDED OR MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION.
- 6) DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, RECONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SEDIMENT CONTROL FENCES, HAYBALES AND SEDIMENT TRAPS INCLUDING MULCHING AND SEEDING.
- 7) BEGIN EXCAVATION FOR AND CONSTRUCTION OF BUILDING.
- 8) FINISH PAVING ALL DRIVES.
- 9) COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 10) AFTER GRASS HAS BEEN FULLY GERMINATED IN ALL SEEDDED AREAS, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

- 1) THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
- 2) SEDIMENT CONTROL BARRIER SHALL BE INSTALLED AS REQUIRED. BARRIERS SHALL BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
- 3) BAILED HAY AND MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
- 4) FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
- 5) STOCKPILED MATERIALS SHALL BE PLACED ONLY IN AREAS SHOWN ON THE PLANS. STOCKPILES SHALL BE PROTECTED BY SEDIMENT CONTROL BARRIER AND SEEDED TO PREVENT EROSION. THESE MEASURES SHALL REMAIN UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE.
- 6) ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED. A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA.
- 7) SEED MIX SHALL BE EQUAL PARTS OF RED FESCUE (CREEPING), KENTUCKY BLUE GRASS, REDTOP, PERENNIAL RYEGRASS.
- 8) AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED.
- 9) PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- 10) ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED AND CLEANED AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- 11) ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA OR DEWATERING FILTER BAG.
- 12) TO PREVENT TRACKING OF SEDIMENT ONTO THE EXISTING ROADS, ALL CONSTRUCTION TRAFFIC CAN ONLY EXIT THE SITE OVER THE CONSTRUCTION EXIT SHOWN ON THIS PLAN.

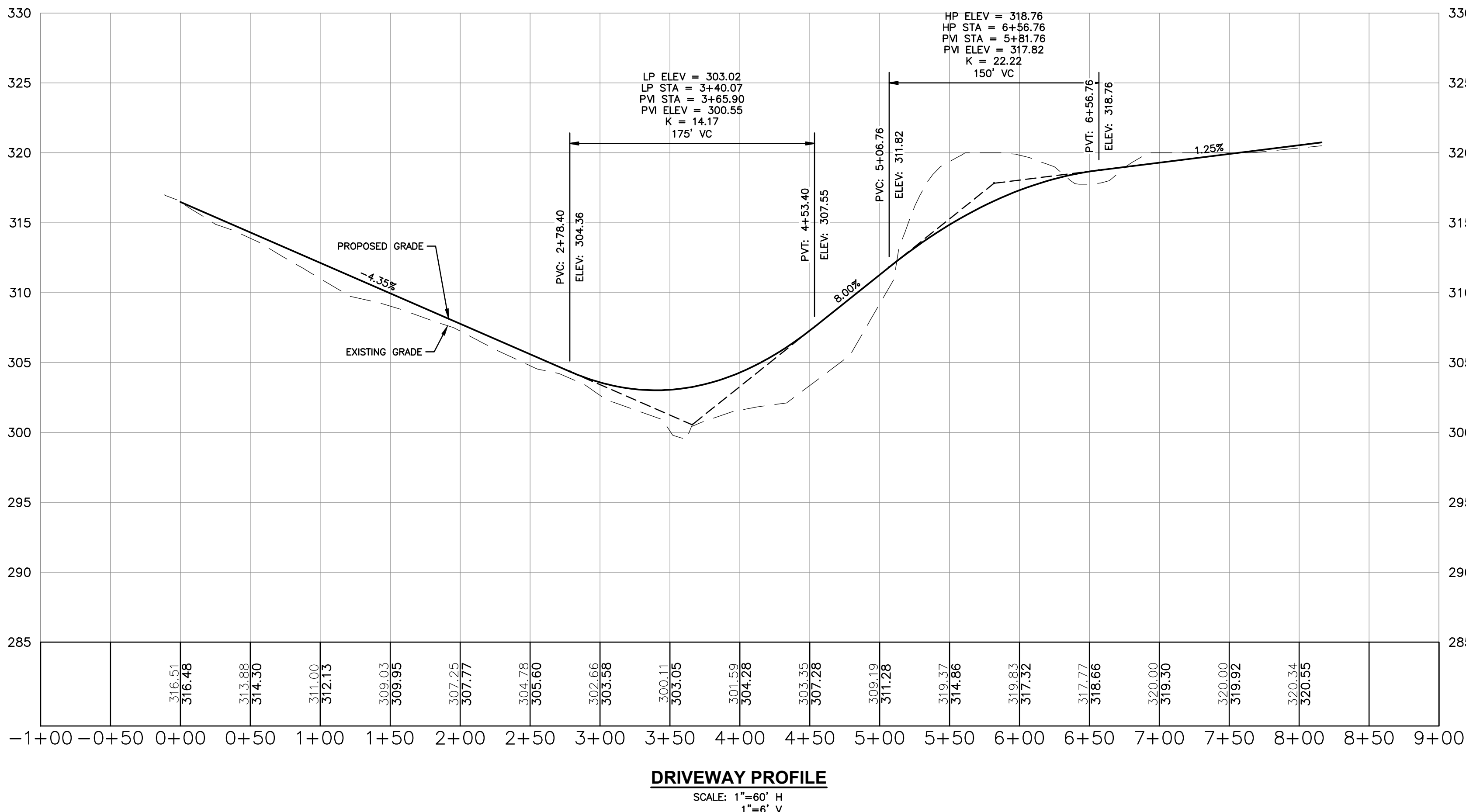
- 3) BROOK FLOATER (STATE ENDANGERED) AND SPOTTED TURTLE (STATE ENDANGERED) OCCUR WITHIN THE VICINITY OF THE PROJECT AREA. ALL OPERATORS AND PERSONNEL WORKING ON OR ENTERING THE SITE SHALL BE MADE AWARE OF THE POTENTIAL PRESENCE OF THESE SPECIES. ALL SHALL BE PROVIDED FLYERS THAT HELP IDENTIFY THESE SPECIES, ALONG WITH NHFG CONTACT INFORMATION. SEE SHEET 5.
- 2) RARE SPECIES INFORMATION (E.G. IDENTIFICATION, OBSERVATION AND REPORTING OF OBSERVATIONS, WHEN TO CONTACT NHFG IMMEDIATELY AND NHFG CONTACT INFORMATION) SHALL BE COMMUNICATED DURING MORNING TAILGATE MEETINGS PRIOR TO WORK COMMENCEMENT DURING WHILE THE PROJECT IS UNDER ACTIVE CONSTRUCTION.
- 3) ALL MANUFACTURED EROSION AND SEDIMENT CONTROL PRODUCTS, WITH THE EXCEPTION OF TURF REINFORCEMENT MATS, UTILIZED FOR, BUT NOT LIMITED TO, SLOPE PROTECTION, RUNOFF DIVERSION, SLOPE INTERRUPTION, PERMEATE CONTROL, INLET PROTECTION, CHECK DAMS, AND SEDIMENT TRAPS SHALL NOT CONTAIN PLASTIC, OR MULTIFILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH WITH AN OPENING SIZE OF GREATER THAN 1/8 INCHES. SEE SHEET 5.
- 4) A 50' NO-CUT, NO-DISTURB BUFFER SHALL BE MAINTAINED ALONG THE PISCATAQUOG RIVER. PLACARDS MARKING THIS AREA SHALL BE PLACED EVERY 100 FEET ALONG THE BUFFER BOUNDARY.
- 5) TURTLES MAY NOT BE ACCESSED TO DISTURBED GROUND DURING NESTING SEASON. TURTLE NESTING SEASON OCCURS APPROXIMATELY MAY 15TH-JUNE 30TH. ALL TURTLE SPECIES NESTS AND NORTHERN BLACK RACER NESTS ARE PROTECTED BY NH LAWS. IF A NEST IS OBSERVED OR SUSPECTED, OPERATORS SHALL CONTACT NHFG IMMEDIATELY FOR FURTHER CONSULTATION. THE NEST OR SUSPECTED NEST SHALL BE MARKED (SURROUNDING ROPED OFF OR CONE BUFFER DEPLOYED) AND AVOIDED; THIS SHALL BE COMMUNICATED TO ALL PERSONNEL ONSITE. SITE ACTIVITIES SHALL NOT OCCUR TO THE AREA SURROUNDING THE NEST OR SUSPECTED NEST UNTIL FURTHER GUIDANCE IS PROVIDED BY NHFG.
- 6) ALL OBSERVATIONS OF THREATENED OR ENDANGERED SPECIES ON THE PROJECT SITE SHALL BE REPORTED IMMEDIATELY TO THE NHFG NONGAME AND ENDANGERED WILDLIFE ENVIRONMENTAL REVIEW PROGRAM BY PHONE AT 603-271-2451 AND BY EMAIL AT [NHFGREVIEW@WILDLIFE.NH.GOV](mailto:NHFGREVIEW@WILDLIFE.NH.GOV), WITH THE EMAIL SUBJECT LINE CONTAINING THE NHG DATACHECK TOOL RESULTS LETTER ASSIGNED NUMBER, THE PROJECT NAME, AND THE TERM WILDLIFE SPECIES OBSERVATION.
  - A. PHOTOGRAPHS OF THE OBSERVED SPECIES AND NEARBY ELEMENTS OF HABITAT OR AREAS OF LAND DISTURBANCE SHALLBE PROVIDED TO NHFG IN DIGITAL FORMAT AT THE ABOVE EMAIL ADDRESS FOR VERIFICATION, AS FEASIBLE.
- 7) IN THE EVENT A THREATENED OR ENDANGERED SPECIES IS OBSERVED ON THE PROJECT SITE DURING THE TERM OF THE PERMIT, THE SPECIES SHALL NOT BE DISTURBED, HANDLED, OR HARMED IN ANY WAY PRIOR TO CONSULTATION WITH NHFG AND IMPLEMENTATION OF CORRECTIVE ACTIONS RECOMMENDED BY NHFG.
  - A. SITE OPERATORS SHALL BE ALLOWED TO RELOCATE WILDLIFE ENCOUNTERED IF DISCOVERED WHILE IN THE ACT OF REMOVING OR IF A DIRECT HARM FROM PROJECT ACTIVITIES. WILDLIFE SHALL BE RELOCATED IN CLOSE PROXIMITY TO THE CAPTURE LOCATION BUT OUTSIDE OF THE WORK ZONE AND IN THE DIRECTION THE INDIVIDUAL WAS HEADING. NHFG SHALL BE CONTACTED IMMEDIATELY IF THE ACTION OCCURS.
- 8) THE NHFG, INCLUDING ITS EMPLOYEES AND AUTHORIZED AGENTS, SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT, ALONG WITH NHFG CONTACT INFORMATION.
- 9) WOOD TURTLE (SPECIFIC CONCERN) OCCUR WITHIN THE VICINITY OF THE PROJECT AREA. ALL OPERATORS AND PERSONNEL WORKING ON OR ENTERING THE SITE SHOULD BE MADE AWARE OF THE POTENTIAL PRESENCE OF THIS SPECIES AND SHOULD BE PROVIDED FLYERS THAT HELP TO IDENTIFY THIS SPECIES, ALONG WITH NHFG CONTACT INFORMATION.



NOTE:

- 1) DO NOT USE PRODUCTS THAT CONTAIN WELDED PLASTIC OR THAT ARE "PHOTODEGRADABLE". USE PRODUCTS WITH BIODEGRADABLE NETTING AND NATURAL FIBER MATERIAL (I.E. STRAW OR COCONUT FIBER).
- 2) THERE SHALL BE NO PLASTIC, OR MULTI-FILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH WITH AN OPENING SIZE OF GREATER THAN 1/8 INCHES MATERIAL UTILIZED. (NOT APPLICABLE TO TURF REINFORCEMENT MATS.)
- 3) TURF REINFORCEMENT MATS SHALL BE COVERED WITH SOIL TO PREVENT EXPOSURE OF THE MATS TO THE SURFACE.

NOT TO SCALE



PREPARED FOR

JOSEPH MULLANEY  
54 NORTH MAST ROAD  
GOFFSTOWN, NH


**ASSESSOR MAP 4 LOT 63**

**200 NEW BOSTON ROAD**

**GOFFSTOWN, NEW HAMPSHIRE**

CORY  
N.  
MASON  
No. 17099  
LICENSED  
PROFESSIONAL ENGINEER  
STATE OF NEW HAMPSHIRE

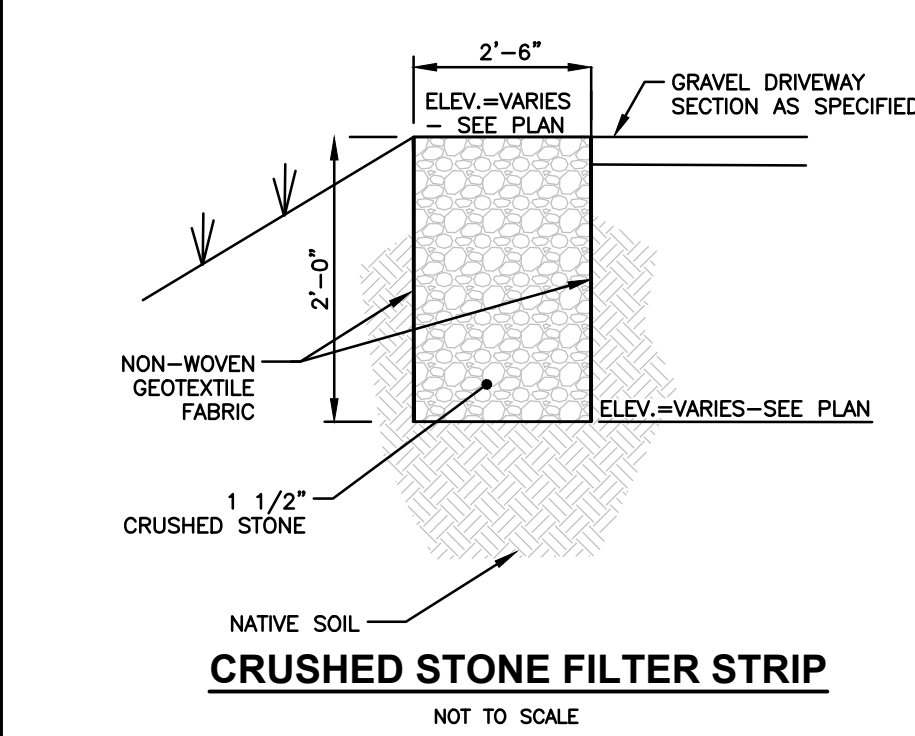
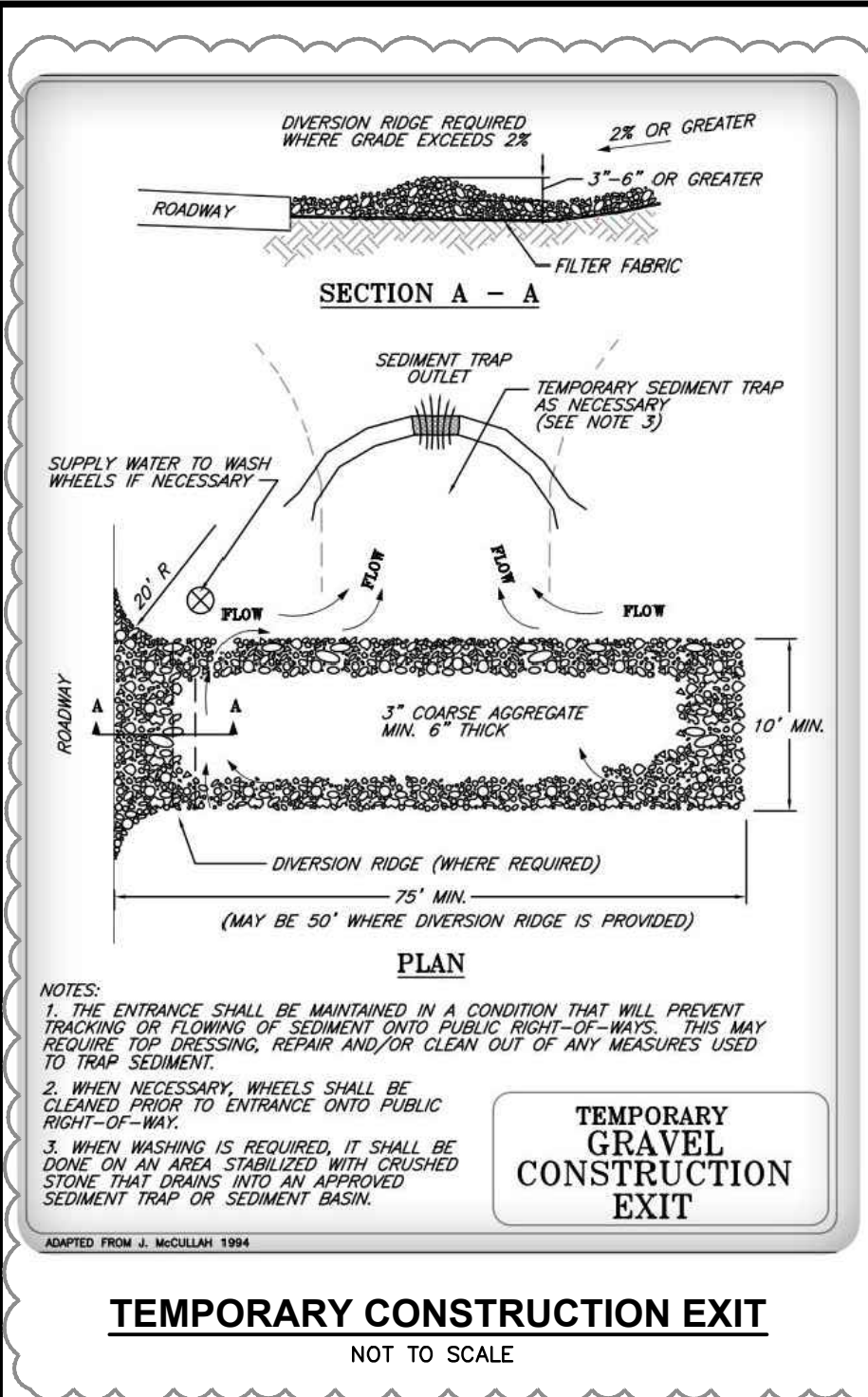
5-9-25

	REVISIONS	
	REV PER AOT COMMENTS	5/9/25
2	REV FOR AOT SUBMISSION	3/18/25
1	TOWN COMMENTS	8/29/24
NO.	REVISION	DATE
JULY 18, 2024		
DRAWN/DESIGN BY CNM		CHECKED BY SML

SCALE: 1"=40'



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- ### MAINTENANCE
- TEMPORARY GRADE STABILIZATION STRUCTURES SHOULD BE CHECKED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED STORMS.
  - ANY NECESSARY REPAIRS SHOULD BE MADE IMMEDIATELY. PARTICULAR ATTENTION SHOULD BE GIVEN TO END RUN AND EROSION AT THE DOWNSTREAM TOE OF THE STRUCTURE.
  - WHEN THE STRUCTURES ARE REMOVED, THE DISTURBED PORTION SHOULD BE BROUGHT TO THE EXISTING CHANNEL GRADE AND THE AREAS PREPARED, SEEDED, AND MULCHED. WHILE THIS PRACTICE IS NOT INTENDED TO BE USED PRIMARILY FOR SEDIMENT TRAPPING, SOME SEDIMENT WILL ACCUMULATE BEHIND THE STRUCTURES. SEDIMENT SHALL BE REMOVED FROM BEHIND THE STRUCTURES WHEN IT HAS ACCUMULATED TO ONE HALF OF THE ORIGINAL HEIGHT OF THE STRUCTURE.
- ### CONSTRUCTION SPECIFICATIONS
- STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
  - CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED.
  - WHEN HAY BALES ARE USED, THE BALES SHALL BE EMBEDDED AT LEAST 4 INCHES INTO THE SOIL. WHEN TIMBER STRUCTURES ARE USED, THE TIMBER SHALL EXTEND AT LEAST 18 INCHES INTO THE SOIL.
  - HAY OR STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2" x 2" STAKES DRIVEN THROUGH THE BALES AND AT LEAST 18 INCHES INTO THE SOIL.
  - SEEDING, FERTILIZING, AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS N THE APPROPRIATE VEGETATIVE BMP.
  - STRUCTURES SHALL BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS BEEN COMPLETED.

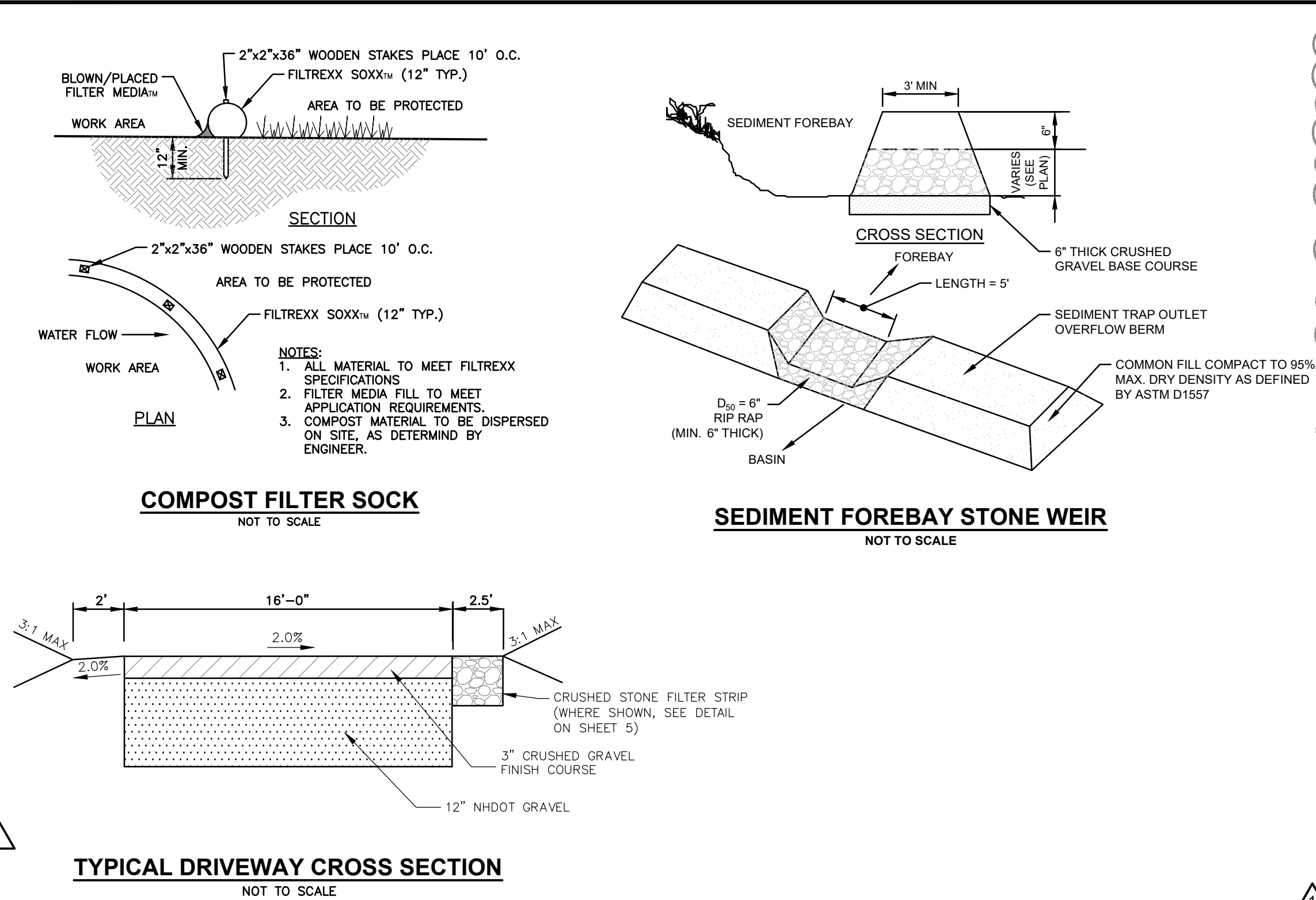
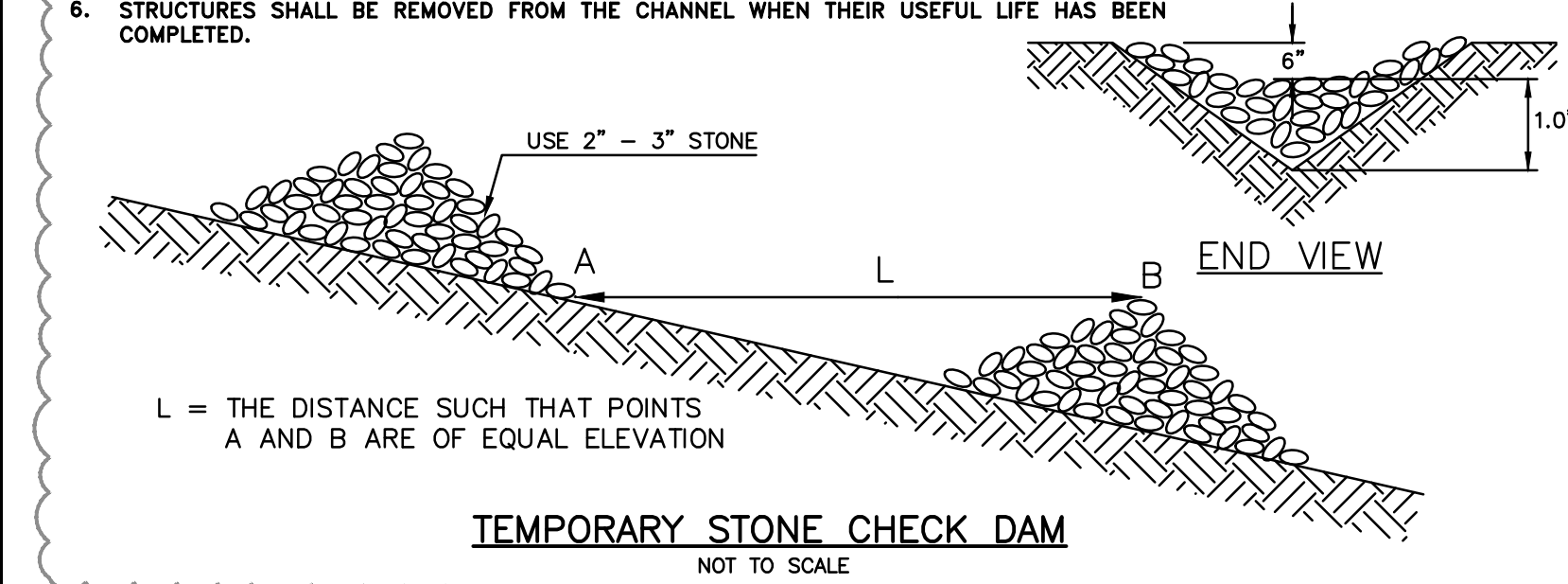
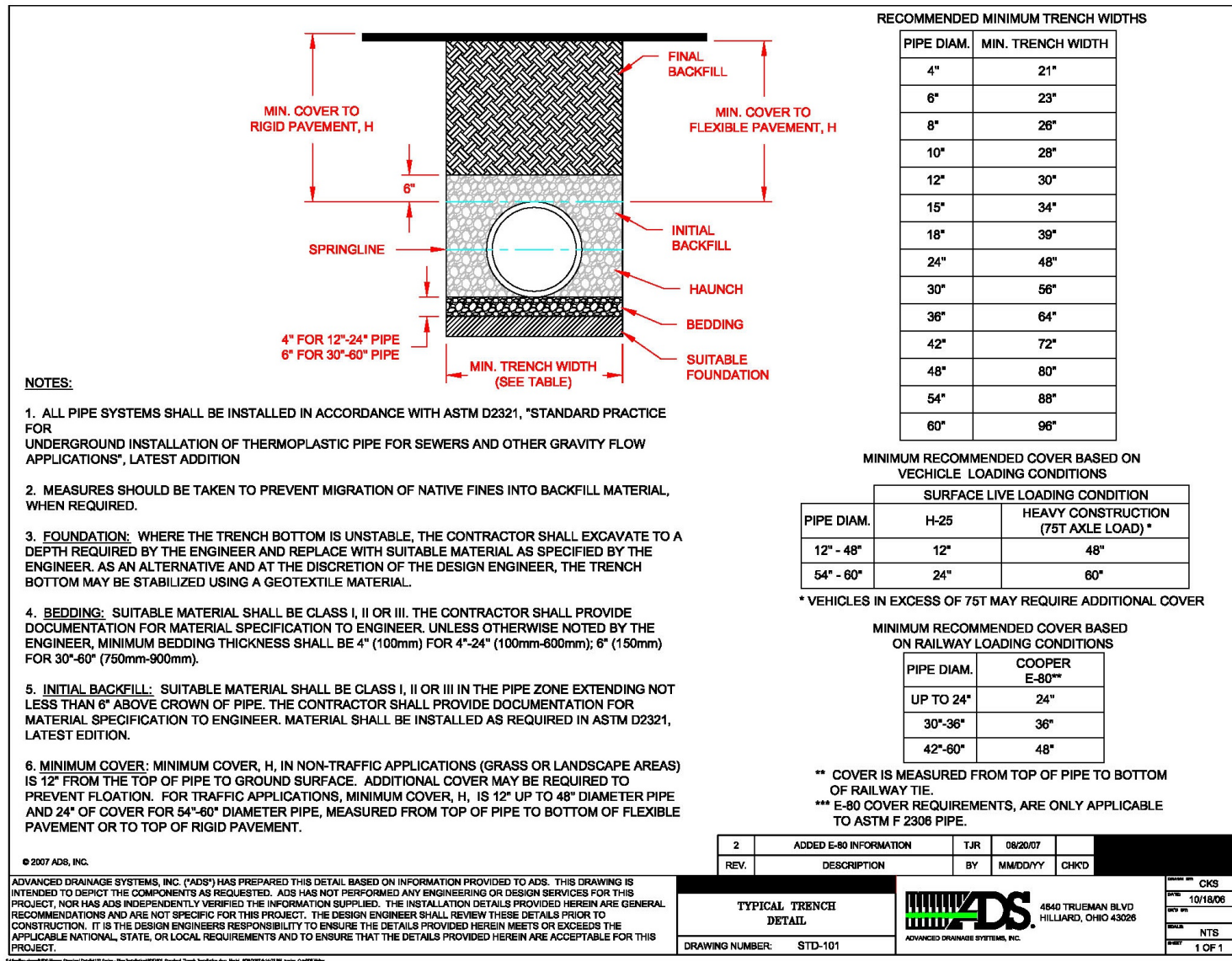
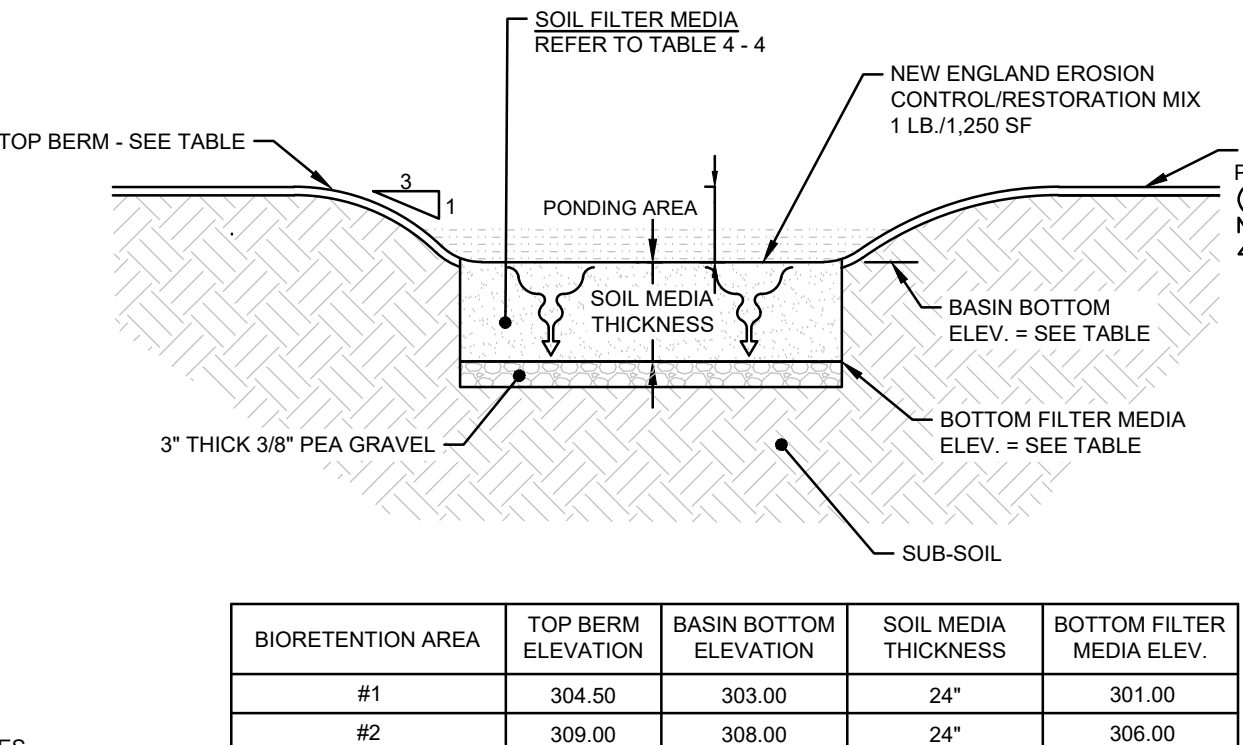


Table 4-4. Bioretention Filter Media			
Component Material	Percent of Mixture by Volume	Sieve No.	Gradation of Material Percent by Weight Passing Standard Sieve
<b>Filter Media Option A</b>			
ASTM C-33 concrete sand	50 to 55	200	15 to 25
Loamy sand topsoil, with fines as indicated	20 to 30	200	< 5
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5
<b>Filter Media Option B</b>			
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5
Loamy coarse sand	70 to 80	10	85 to 100
		20	70 to 100
		60	15 to 40
		200	8 to 15

- NOTES:
- FOR ADDITIONAL INFORMATION REFER TO THE NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 2, POST-CONSTRUCTION BEST MANAGEMENT PRACTICES, DECEMBER 2008.
  - DO NOT PLACE THE BIORETENTION AREA INTO SERVICE UNTIL IT HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
  - DO NOT DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF, WATER FROM EXCAVATIONS) TO THE BIORETENTION AREA DURING ANY STAGE OF CONSTRUCTION.
  - DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE LIMITS OF THE BASIN.



## Wood Turtle

New Hampshire State Species of Special Concern

Contact NHFG Wildlife Biologists (grout text preferred) if observed within your project site:  
Melissa Winters 603-479-1129 and Josh Megyesy 978-578-0802

- Turtles may be attracted to disturbed ground during nesting season (May 15th – June 30th)
- Turtles are most active from April 15th - October 15th

**Identifying traits**

- Neck and forelimbs are orange.
- Characterized by its highly sculpted shell with each large scute taking on an irregular pyramidal shape.
- Adults can be 5-8 inches long.

**Habitat Use**

- wooded areas near streams
- uplands surrounding streams

**NOTE: It is illegal to remove a wood turtle from the wild.**

Immediately report nesting turtles, suspected nesting turtles or suspected nest sites to NHFG Wildlife Biologists.

All other observations of this species shall be reported to NH Fish & Game via email at [NHFGReview@wildlife.nh.gov](mailto:NHFGReview@wildlife.nh.gov). Include in the email subject line: NHBxx-xxxx, Project name, Wildlife Observation". Photo documentation, location and date/time of observation is helpful.

State laws pertaining to this species RSA 207:1, FIS 804.02, FIS 1401.03 (a)

## WATCH FOR RARE TURTLES

NHFG Wildlife Biologist Contacts:  
Melissa Winters 603-479-1129 and Josh Megyesy 978-578-0802

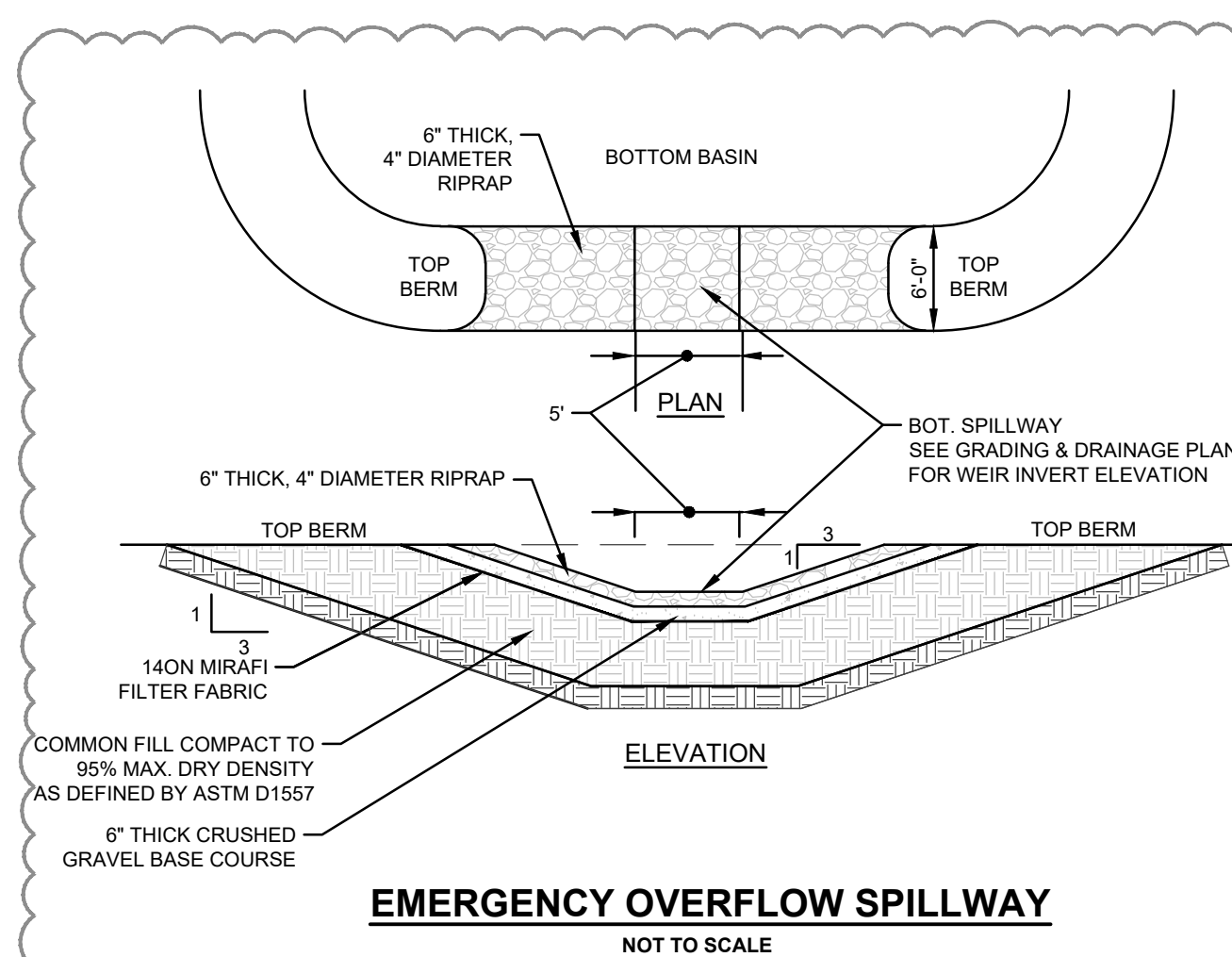
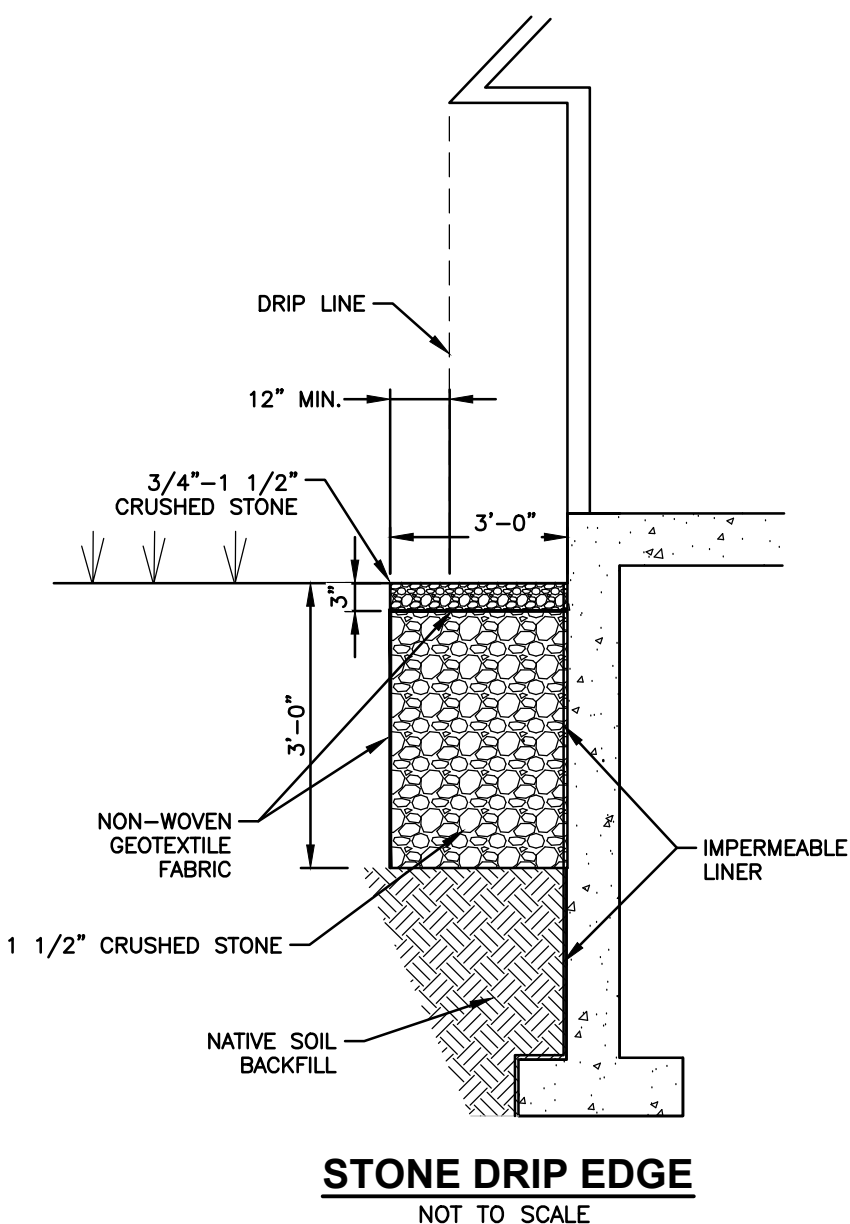
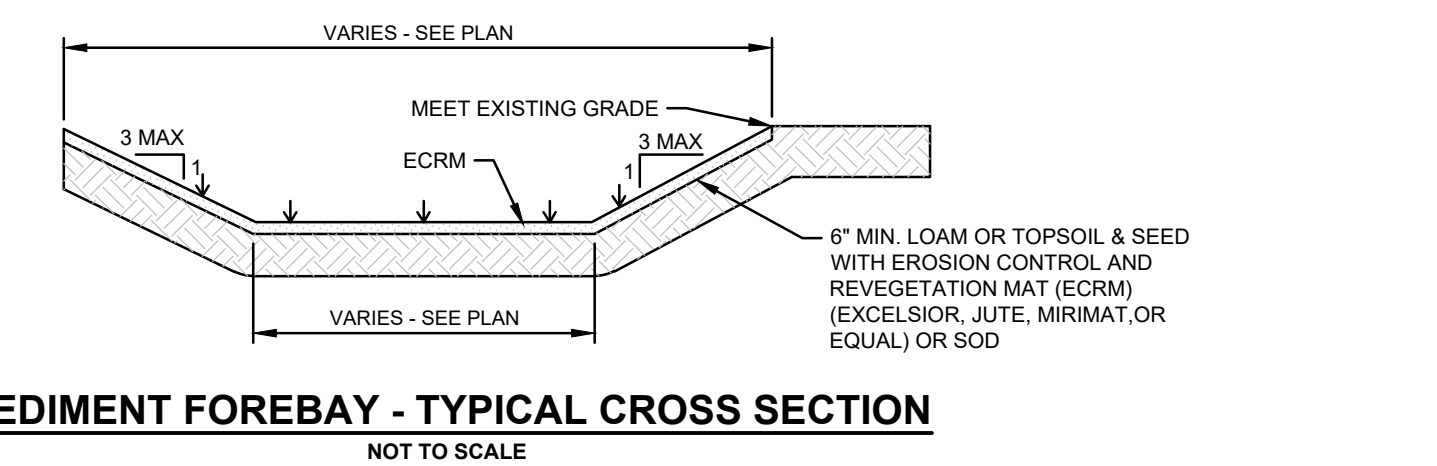
- Turtles may be attracted to disturbed ground during nesting season (May 15th – June 30th).
- Turtles are most active from April 15th - October 15th.

**Blanding's turtle** (State Endangered)  
Large, dark/black domed shell with lighter speckles.  
Distinct yellow throat/chin.  
Semi-aquatic - uses both wetland and terrestrial habitats.

**Spotted turtle** (State Threatened)  
Small, mostly aquatic with black or dark brown with yellow spots.  
Fairly flat shell compared to Blanding's turtle.  
Spots vary in color and number.  
Semi-aquatic - uses both wetland and terrestrial habitats.

Blanding's and spotted turtles are protected by state laws. It is illegal to capture, harass or harm these species, including their nests. Handle ONLY if necessary to move out of harms way. Move to the nearest location in the direction they were moving and contact NHFG. Do not disturb nests.

Report sightings in accordance with NHFG permit conditions. Contact NHFG Wildlife Biologist Melissa Winters 603-479-1129 (cell) and Josh Megyesy 978-578-0802 (group text preferred) if a turtle is observed nesting or a nest site is suspected within the project area. Please report promptly, noting specific location, project site and date – Photographs strongly encouraged to be included with report.



**GPI** Engineering Design Planning Construction Inspection  
603.893.0720 GPINET.COM  
Greenman-Pedersen, Inc.  
44 Stiles Road, Suite One  
Salem, NH 03079

PREPARED FOR  
**JOSEPH MULLANEY**  
54 NORTH MAST ROAD  
GOFFSTOWN, NH

**ASSESSOR MAP 4 LOT 63**

**200 NEW BOSTON ROAD**  
**GOFFSTOWN, NEW HAMPSHIRE**

**CORY N. MASON**  
No. 17099  
LICENSED PROFESSIONAL ENGINEER  
5-9-25

REVISIONS		
NO.	REV PER AOT COMMENTS REVISION	DATE
1	REV PER AOT COMMENTS	5/9/25
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**DETAIL SHEET**

SCALE: 1"=40'

NEX-2300433

5 OF 5