

MAIN-LAND
DEVELOPMENT
CONSULTANTS, INC.
69 MAIN ST. LIVERMORE FALLS, MAINE
367 US ROUTE 1 FALMOUTH, MAINE
PH: (207) 897-6732 FAX: (207) 897-5401
WWW.MAIN-LANDDC.COM

PROJECT
**NORTHERN
OUTDOORS PARKING
EXPANSION**

1771 US ROUTE 201
THE FORKS PLANTATION, MAINE

OWNER OF RECORD
**OUTDOOR
ADVENTURE RESORT,
LLC**

1771 US ROUTE 201
THE FORKS PLANTATION, MAINE

MADE FOR
**NORTHERN
OUTDOORS**

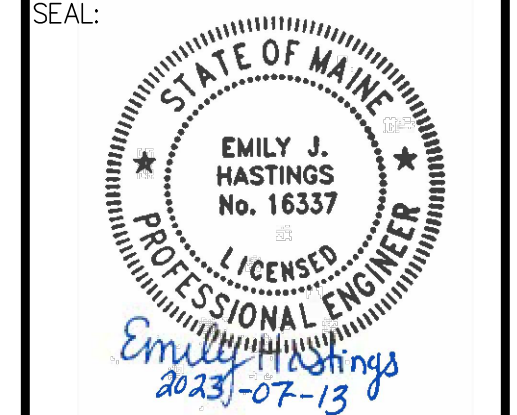
1771 US ROUTE 201
THE FORKS PLANTATION, MAINE

DRAWING SCALE:
80 0 40 80
(IN FEET)
1 INCH = 80 FT

SUBMISSION NOTES:
SUBMISSION 1: 2023-07-13 ERL
SLODA SUBMISSION

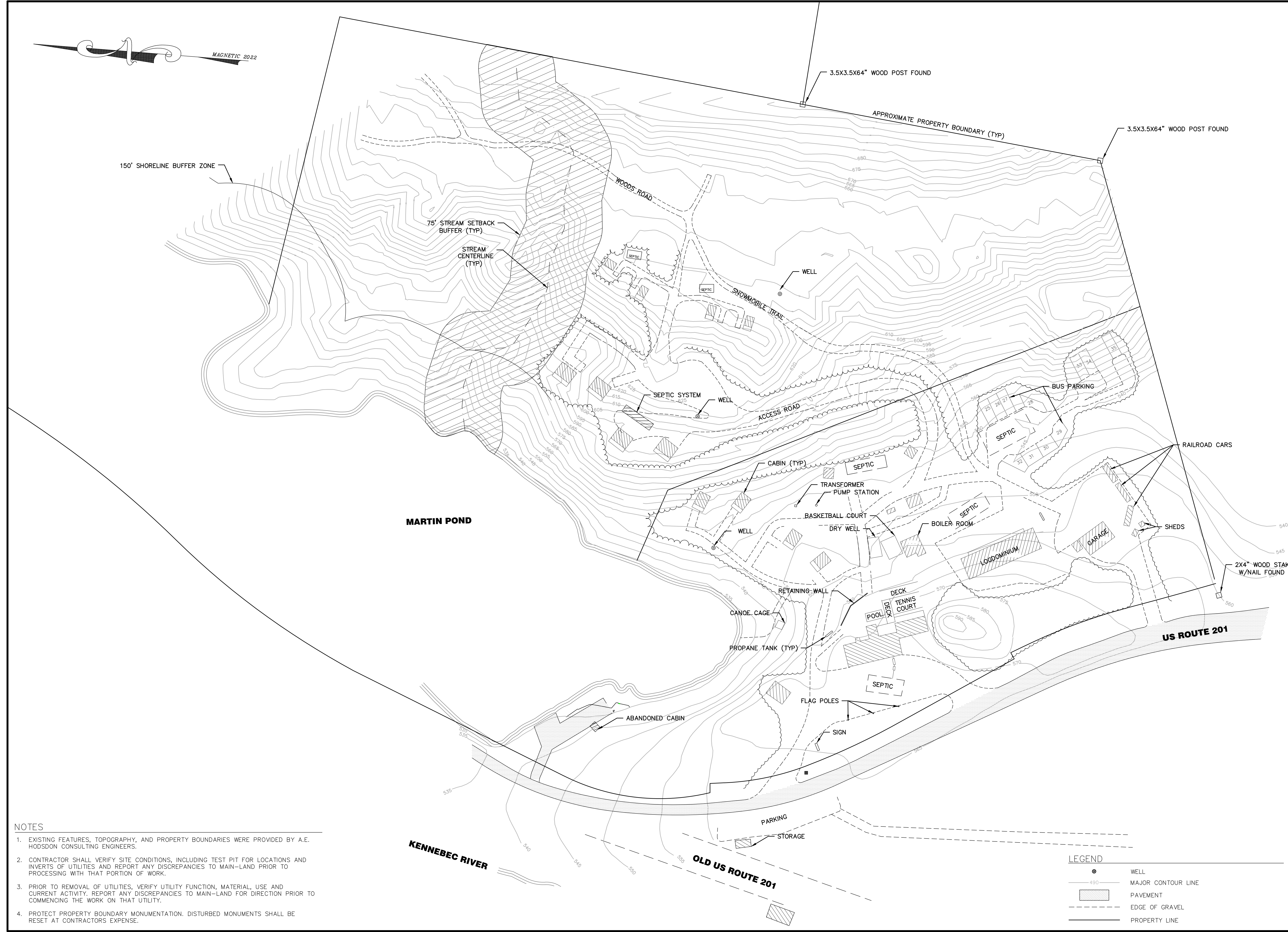
PROJ. MGR: RLB
DRAWN BY: ERL
CHECKED BY: RLB
SUBMISSION NO. 1
SURVEY DATE: N/A
SUBMISSION DATE: 2023-07-13
SUBMITTED FOR: REVIEW

NOT FOR CONSTRUCTION
**EXISTING
CONDITIONS
OVERVIEW**



EMILY J. HASTINGS ME PE#16337
DRAWING NO.

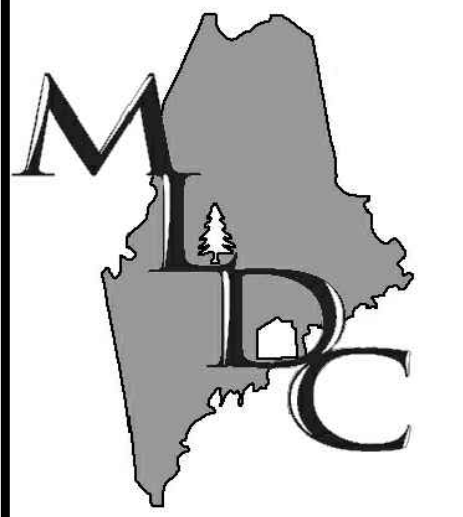
C1.0
MLDC NO. 23-129 1 OF 3



- NOTES**
1. EXISTING FEATURES, TOPOGRAPHY, AND PROPERTY BOUNDARIES WERE PROVIDED BY A.E. HODSDON CONSULTING ENGINEERS.
 2. CONTRACTOR SHALL VERIFY SITE CONDITIONS, INCLUDING TEST PIT FOR LOCATIONS AND INVERTS OF UTILITIES AND REPORT ANY DISCREPANCIES TO MAIN-LAND PRIOR TO PROCESSING WITH THAT PORTION OF WORK.
 3. PRIOR TO REMOVAL OF UTILITIES, VERIFY UTILITY FUNCTION, MATERIAL, USE AND CURRENT ACTIVITY. REPORT ANY DISCREPANCIES TO MAIN-LAND FOR DIRECTION PRIOR TO COMMENCING THE WORK ON THAT UTILITY.
 4. PROTECT PROPERTY BOUNDARY MONUMENTATION. DISTURBED MONUMENTS SHALL BE RESET AT CONTRACTORS EXPENSE.

LEGEND

	WELL
	MAJOR CONTOUR LINE
	PAVEMENT
	EDGE OF GRAVEL
	PROPERTY LINE



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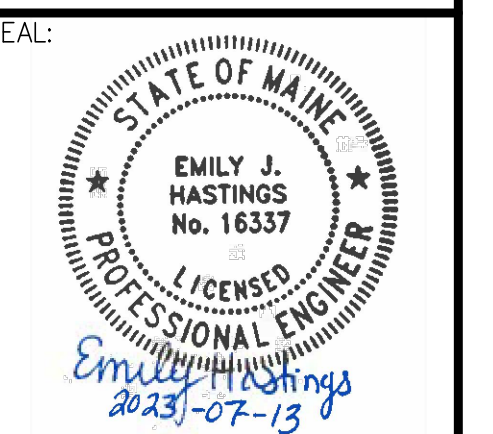
DRAWING SCALE:
30 0 15 30
(IN FEET)
1 INCH = 30 FT

SUBMISSION NOTES:
SUBMISSION 1: 2023-07-13 E.J.H.
SLODA SUBMISSION

PROJ. MGR: RLB
DRAWN BY: E.J.H.
CHECKED BY: RLB
SUBMISSION NO. 1
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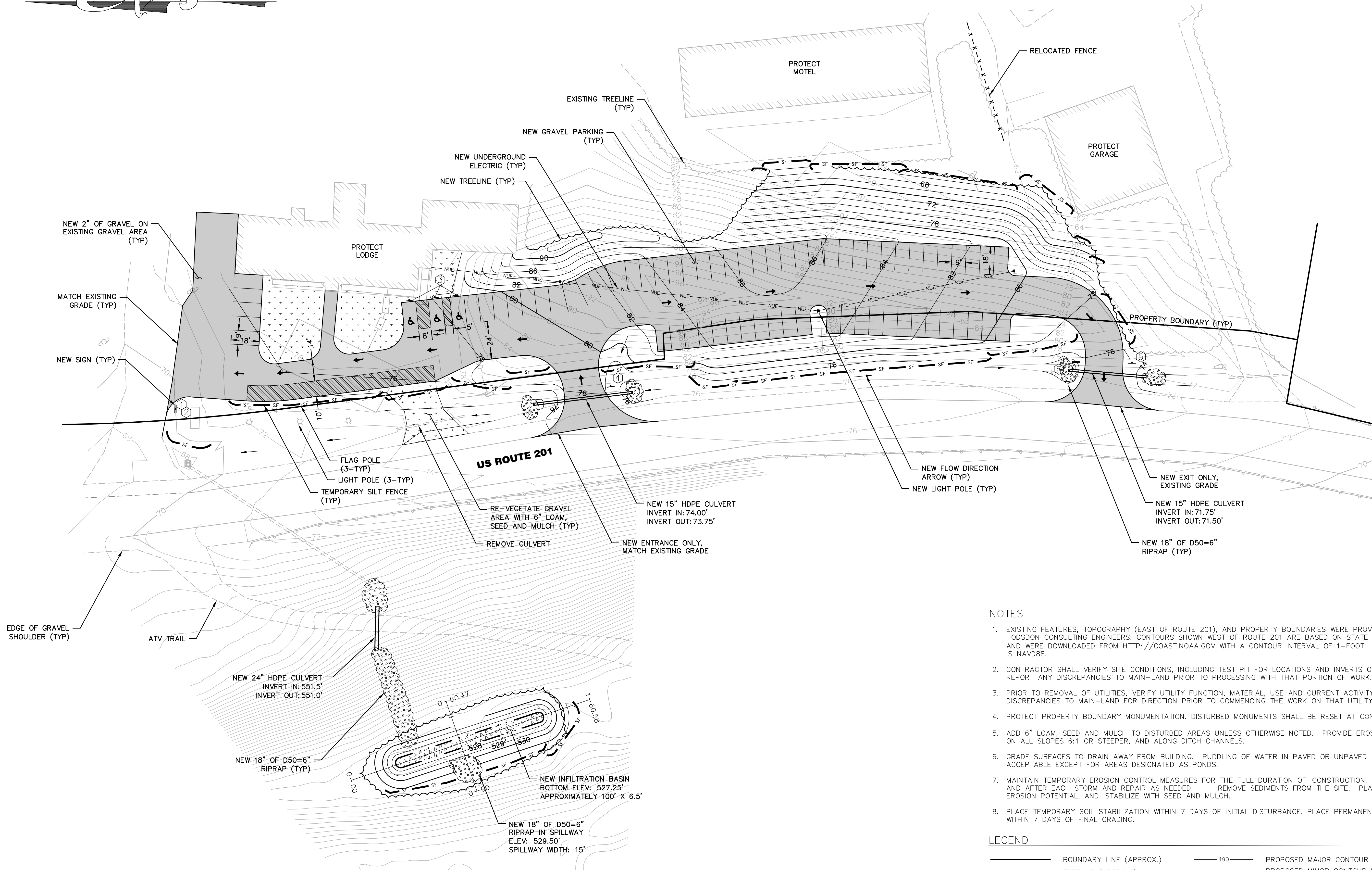
NOT FOR CONSTRUCTION

**SITE
LAYOUT**



EMILY J. HASTINGS ME PE#16337

DRAWING NO.
C2.1



NOTES

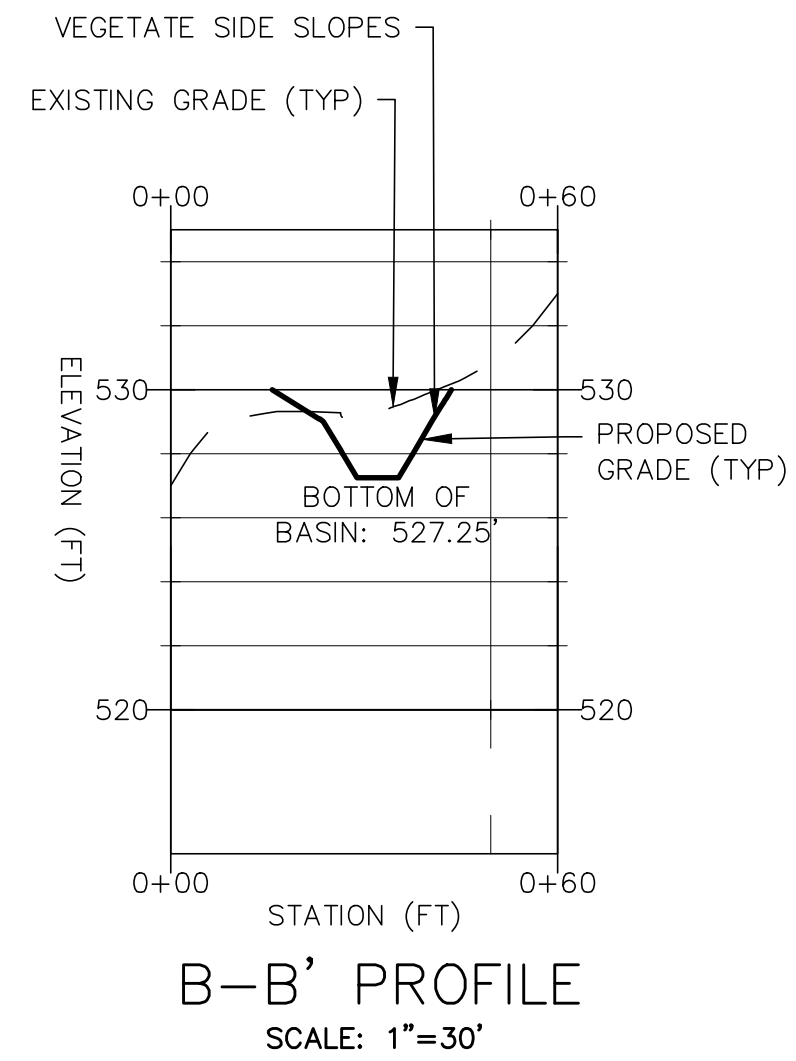
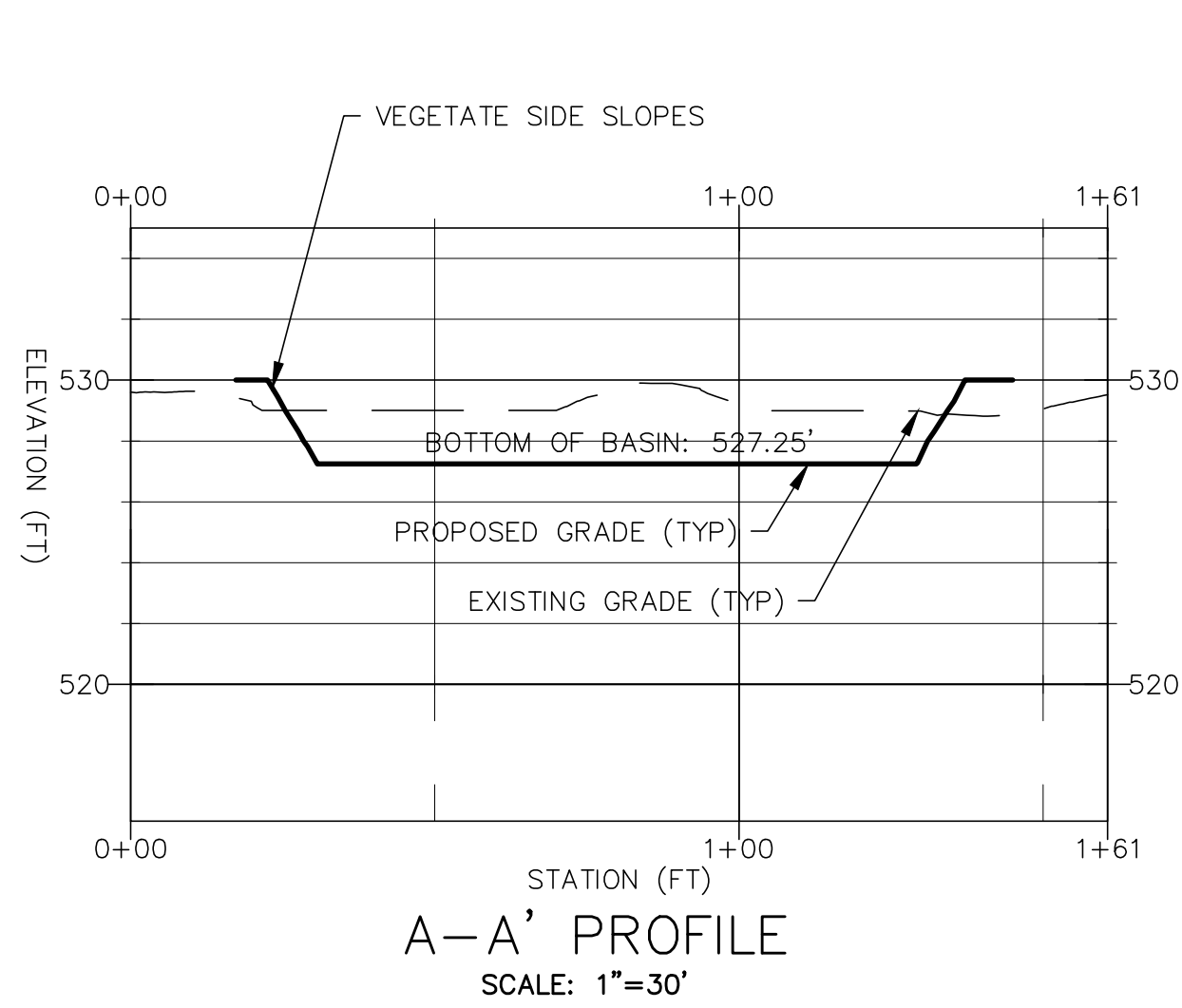
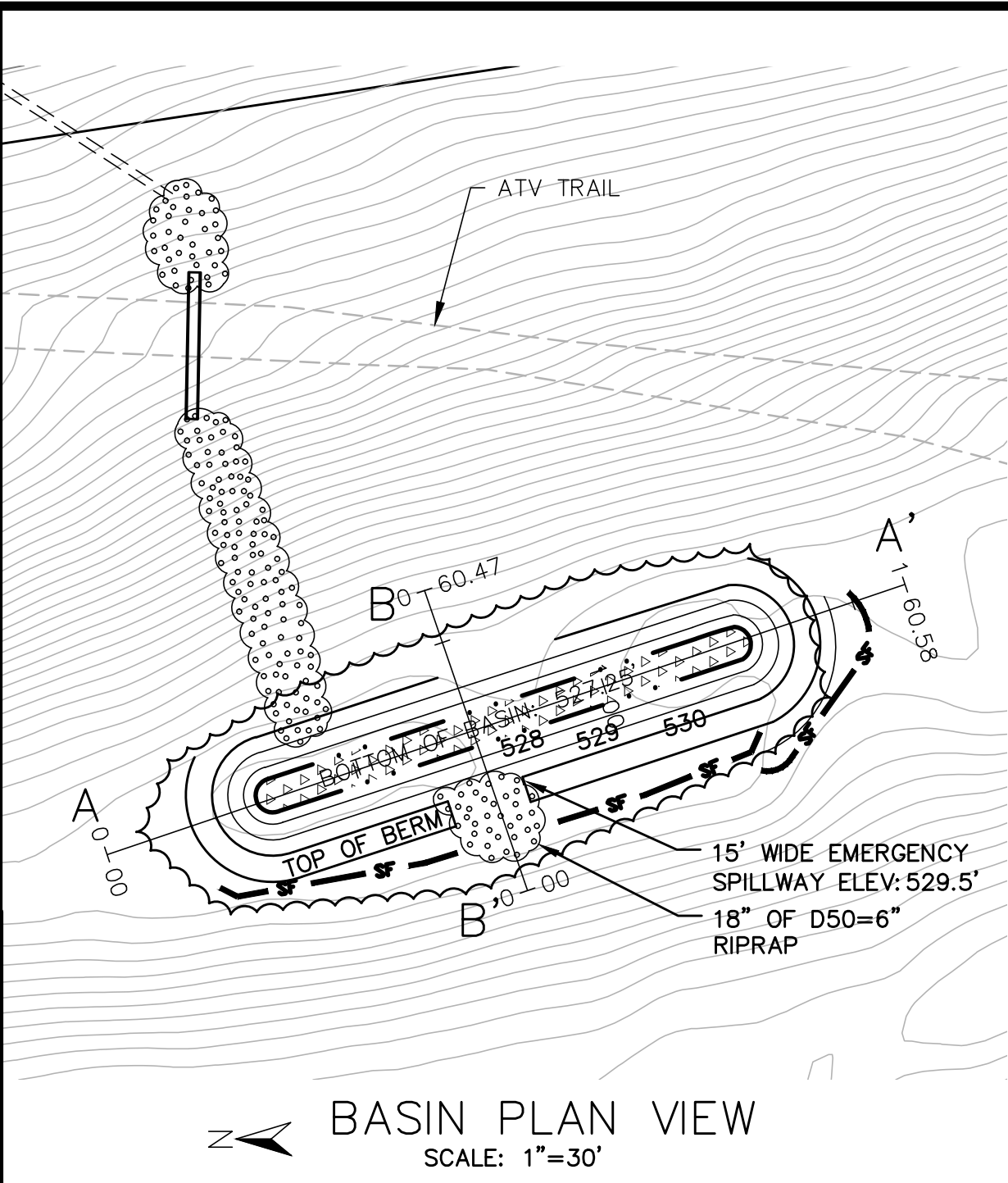
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- PRIOR TO REMOVAL OF UTILITIES, VERIFY UTILITY FUNCTION, MATERIAL, USE AND CURRENT ACTIVITY. REPORT ANY DISCREPANCIES TO MAIN-LAND FOR DIRECTION PRIOR TO COMMENCING THE WORK ON THAT UTILITY.
- PROTECT PROPERTY BOUNDARY MONUMENTATION. DISTURBED MONUMENTS SHALL BE RESET AT CONTRACTORS EXPENSE.
- ADD 6" LOAM, SEED AND MULCH TO DISTURBED AREAS UNLESS OTHERWISE NOTED. PROVIDE EROSION CONTROL MESH ON ALL SLOPES 6:1 OR STEEPER, AND ALONG DITCH CHANNELS.
- GRADE SURFACES TO DRAIN AWAY FROM BUILDING. PUDDLING OF WATER IN PAVED OR UNPAVED AREAS WILL NOT BE ACCEPTABLE EXCEPT FOR AREAS DESIGNATED AS PONDS.
- MAINTAIN TEMPORARY EROSION CONTROL MEASURES FOR THE FULL DURATION OF CONSTRUCTION. INSPECT WEEKLY AND AFTER EACH STORM AND REPAIR AS NEEDED. REMOVE SEDIMENTS FROM THE SITE, PLACE IN AREA OF LOW EROSION POTENTIAL, AND STABILIZE WITH SEED AND MULCH.
- PLACE TEMPORARY SOIL STABILIZATION WITHIN 7 DAYS OF INITIAL DISTURBANCE. PLACE PERMANENT SOIL STABILIZATION WITHIN 7 DAYS OF FINAL GRADING.

LEGEND

— — — — —	BOUNDARY LINE (APPROX.)	— 490 —	PROPOSED MAJOR CONTOUR LINE
~ ~ ~ ~ ~	TREELINE (APPROX.)	— — — — —	PROPOSED MINOR CONTOUR LINE
— — — — —	DRAINAGE CULVERT	■	PROPOSED PAVED SURFACE
○	DECIDUOUS TREE	—	PROPOSED SIGN
☼	CONIFEROUS TREE	— SF —	TEMPORARY SILTFENCE
⊙	CATCH BASIN	— NUE —	NEW UNDERGROUND ELECTRIC LINE
⊕	DRAIN MANHOLE	*	PROPOSED LIGHT
— S —	SEWER LINE (APPROX.)		
— OU —	UTILITY POLE		
— — — — —	OVERHEAD UTILITY		
— x — x — x — x —	FENCE		
— — — — —	PROPOSED PROPERTY SETBACK		
— 490 —	MAJOR CONTOUR LINE		
— — — — —	MINOR CONTOUR LINE		
× 495.3	SPOT GRADE		

SIGN LEGEND

- "STOP SIGN"
- "DO NOT ENTER"
- HANDICAPPED PARKING ONLY
- "ENTRANCE ONLY"
- "EXIT ONLY"



- NOTES**
- INFILTRATION PRACTICES MAY NOT BE USED AS SEDIMENT CONTROL DEVICES DURING CONSTRUCTION. CONSTRUCT THE INFILTRATION BASIN AFTER ITS DRAINAGE AREA IS STABILIZED WITH VEGETATION AND EROSION CONTROLS THAT WILL PREVENT SEDIMENT FROM REACHING THE BASIN.
 - LIMIT COMPACTION OF INFILTRATION BASIN IS MEANT TO DRAIN COMPLETELY WITHIN 48 HOURS OF THE RUNOFF EVENT.
 - THE PERMEABILITY OF THE SOIL AT THE BASE OF THE INFILTRATION SYSTEM MUST BE NO GREATER THAN 2.41 INCHES PER HOUR.
 - BOTTOM OF INFILTRATION SYSTEM MUST BE AT LEAST 3' ABOVE THE SEASONAL HIGH WATER TABLE.
 - VEGETATE BOTTOM OF THE BASIN WITH DENSE GRASS, AVOID FERTILIZATION OF THE INFILTRATION AREA UNLESS IT IS NECESSARY TO ESTABLISH VEGETATION.

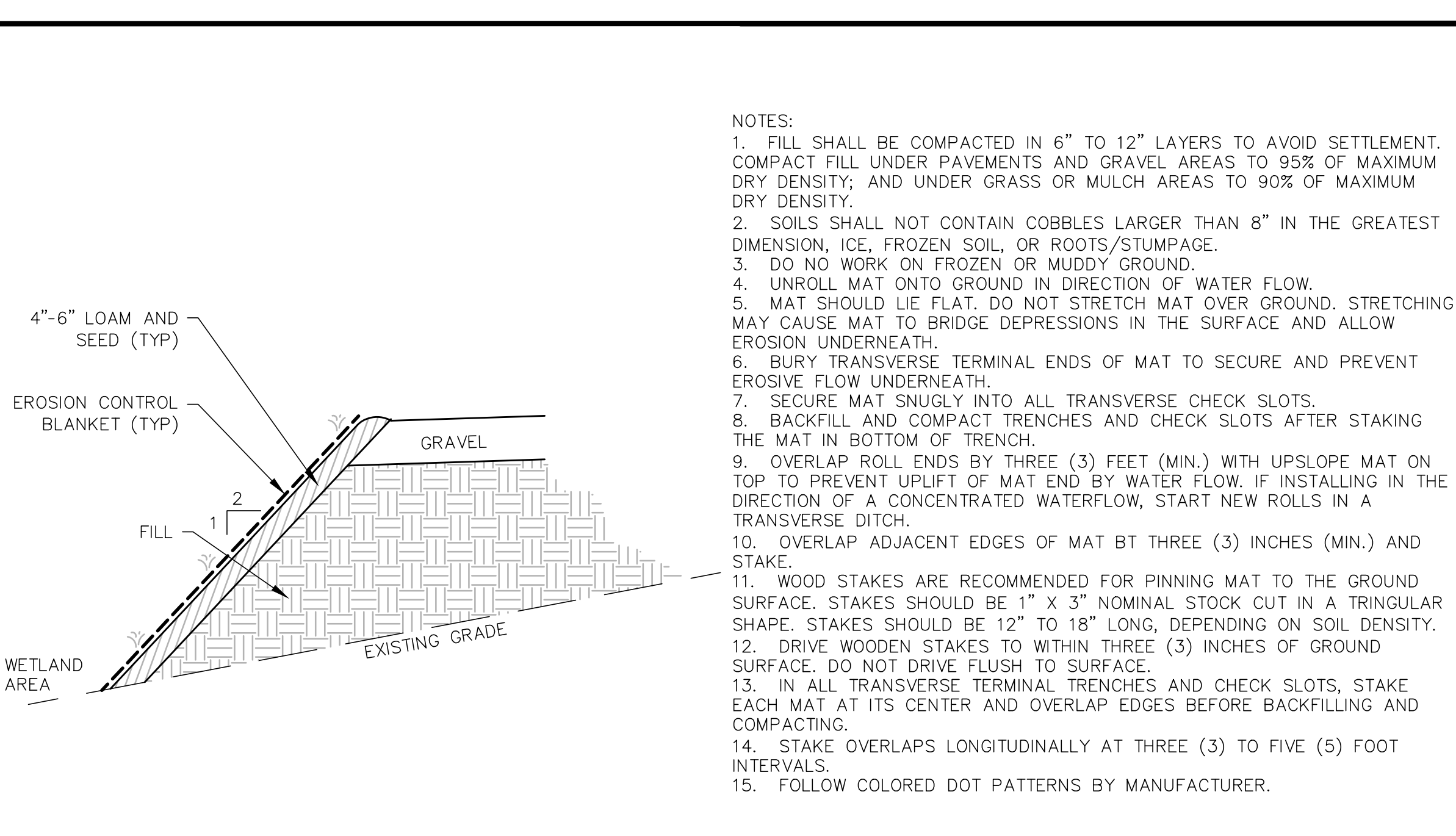
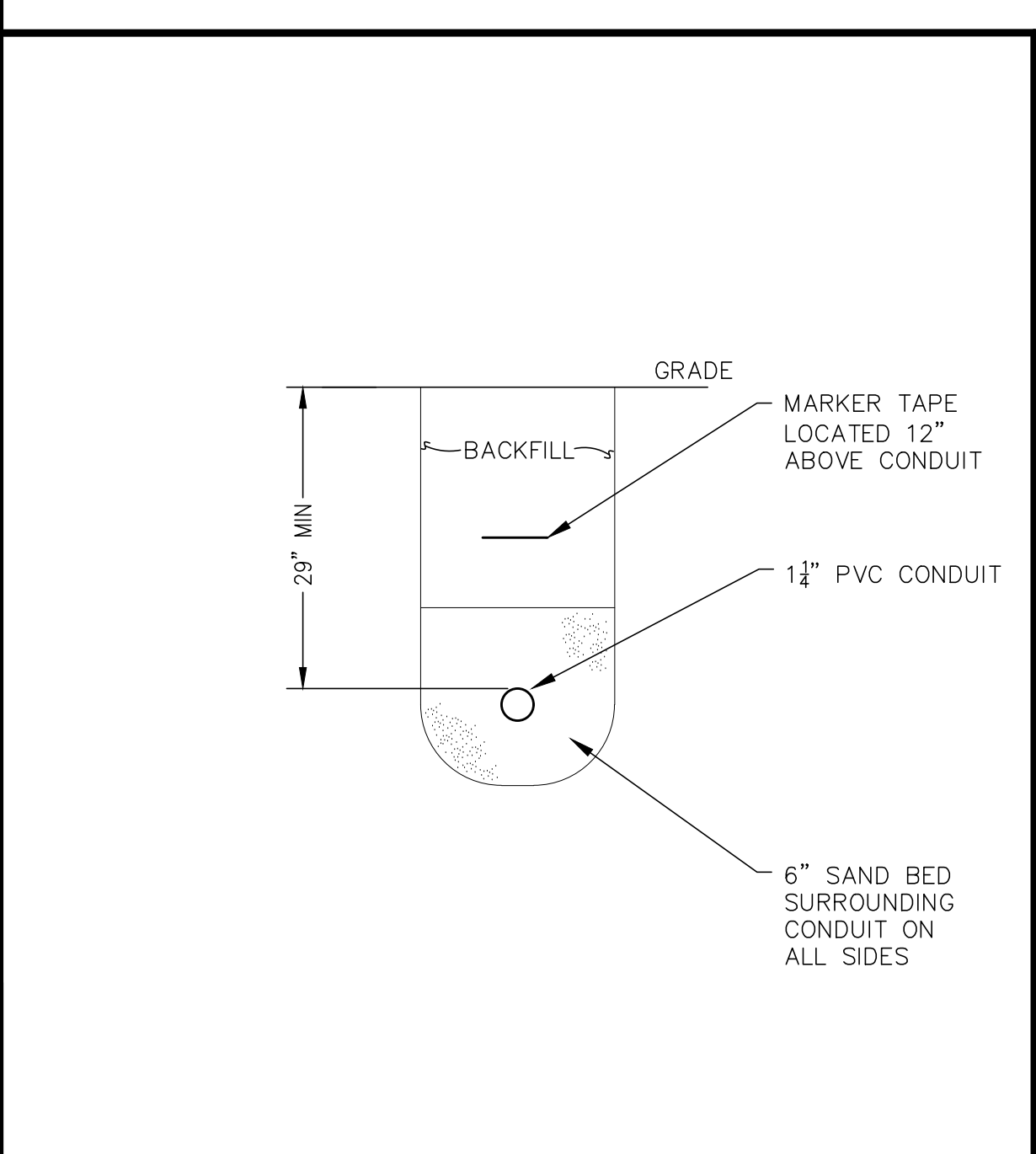
UTILITY LOCATION REQUIREMENTS

PRIOR TO EXCAVATION, VERIFY THE UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND FACILITIES. PROVIDE THE FOLLOWING MINIMUM MEASURES.

- PRE-MARK THE BOUNDARIES OF YOUR PLANNED EXCAVATION WITH WHITE PAINT, FLAGS, OR STAKES SO UTILITY CREWS KNOW WHERE TO MARK THEIR LINES.
- CALL DIG SAFE, AT 1-888-DIGSAFE, AT LEAST THREE BUSINESS DAYS - BUT NO MORE THAN 30 CALENDAR DAYS - BEFORE STARTING WORK. DON'T ASSUME SOMEONE ELSE WILL MAKE THE CALL.
- IF BLASTING, NOTIFY DIG SAFE AT LEAST ONE BUSINESS DAY IN ADVANCE.
- WAIT THREE BUSINESS DAYS FOR LINES TO BE LOCATED AND MARKED WITH COLOR-CODED PAINT, FLAGS, OR STAKES. NOTE THE COLOR OF THE MARKS AND THE TYPE OF UTILITIES THEY INDICATE. TRANSFER THESE MARKS TO THE AS-BUILT DRAWINGS.
- CONTACT THE LANDOWNER AND OTHER 'NON-MEMBER' UTILITIES (WATER, SEWER, GAS, ETC) FOR THEM TO MARK THE LOCATIONS OF THEIR UNDERGROUND FACILITIES. TRANSFER THESE MARKS TO THE AS-BUILT DRAWINGS.
- RE-NOTIFY DIG SAFE AND THE NON-MEMBER UTILITIES IF THE DIGGING, DRILLING, OR BLASTING DOES NOT OCCUR WITHIN 30 CALENDAR DAYS, OR IF THE MARKS ARE LOST DUE TO WEATHER CONDITIONS, SITE WORK ACTIVITY, OR ANY OTHER REASON.
- HAND DIG WITHIN 18 INCHES IN ANY DIRECTION OF ANY UNDERGROUND LINE UNTIL THE LINE IS EXPOSED. MECHANICAL METHODS MAY BE USED FOR INITIAL SITE PENETRATION, SUCH AS REMOVAL OF PAVEMENT OR ROCK.
- DIG SAFE REQUIREMENTS ARE IN ADDITION TO TOWN, CITY, AND/OR STATE D.O.T. STREET OPENING PERMIT REQUIREMENTS.
- FOR COMPLETE DIG SAFE REQUIREMENTS, CALL THE P.U.C. OR VISIT THEIR WEBSITE.
- IF YOU DAMAGE, DISLOCATE, OR DISTURB ANY UNDERGROUND UTILITY LINE, IMMEDIATELY NOTIFY THE AFFECTED UTILITY. IF DAMAGE CREATES SAFETY CONCERNS, CALL THE FIRE DEPARTMENT AND TAKE IMMEDIATE STEPS TO SAFEGUARD HEALTH AND PROPERTY.
- ANY TIME AN UNDERGROUND LINE IS DAMAGED OR DISTURBED, OR IF LINES ARE IMPROPERLY MARKED, YOU MUST FILE AN INCIDENT REPORT WITH THE P.U.C., FOR AN INCIDENT REPORT FORM VISIT WWW.STATE.ME.US/MPUC OR CALL THE P.U.C. AT 1-800-452-4699.

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PROJECT
NORTHERN PARKING EXPANSION
 1771 US ROUTE 201
 THE FORKS PLANTATION, MAINE
 OWNER OF RECORD
OUTDOOR ADVENTURE RESORT, LLC
 1771 US ROUTE 201
 THE FORKS PLANTATION, MAINE
 MADE FOR
NORTHERN OUTDOORS
 1771 US ROUTE 201
 THE FORKS PLANTATION, MAINE
 DRAWING SCALE:
NOT TO SCALE



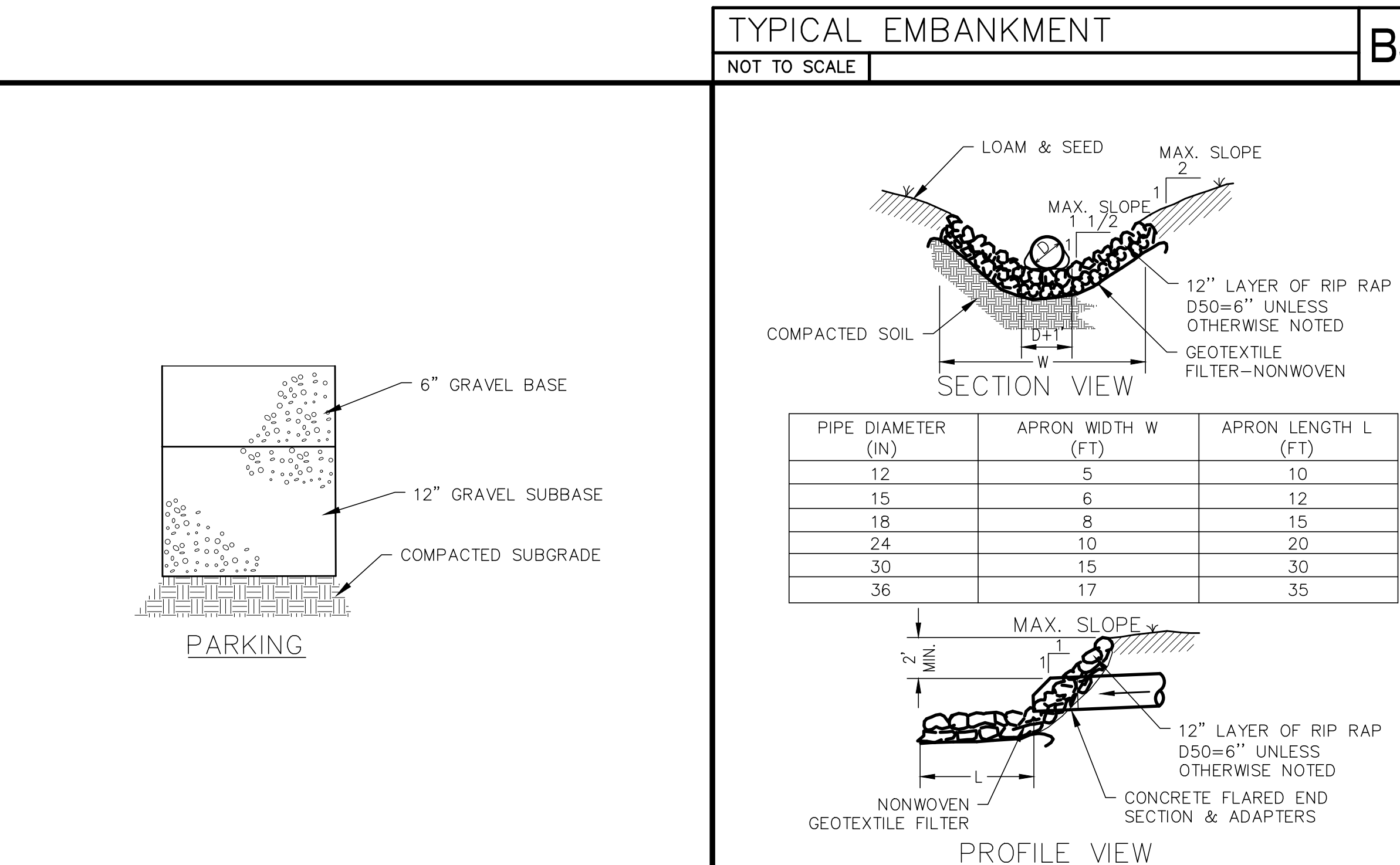
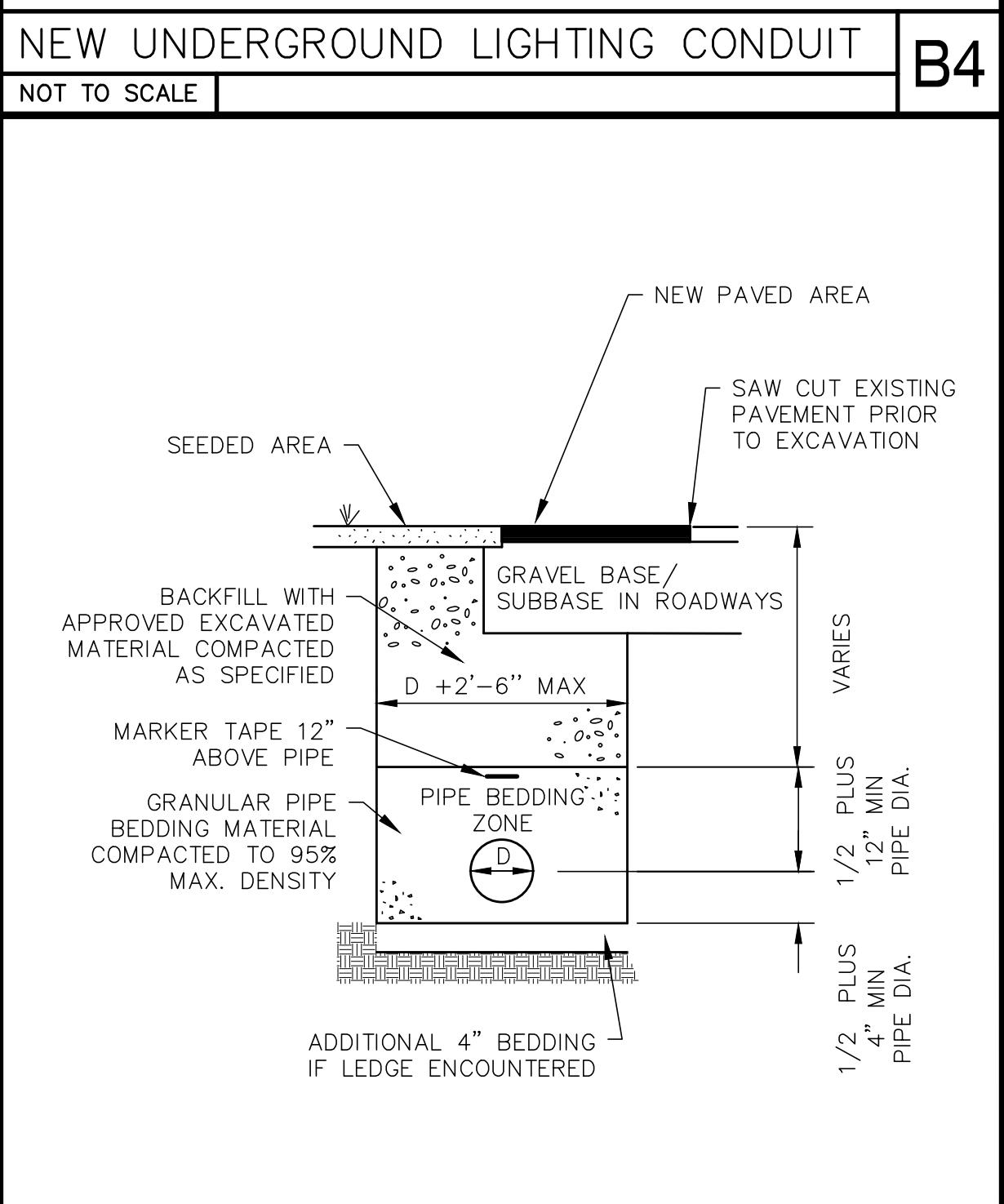
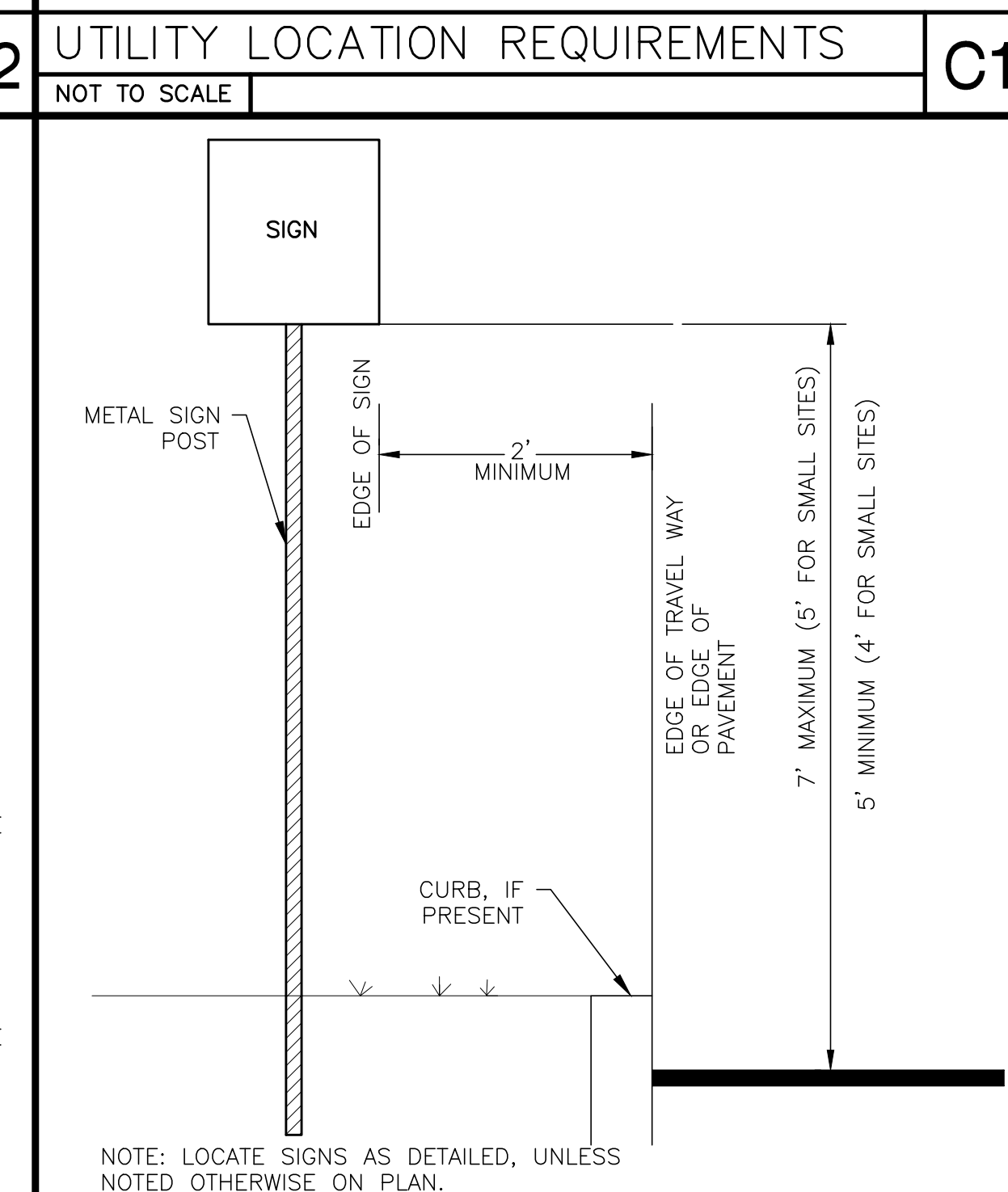
INFILTRATION BASIN

NOT TO SCALE

MDOT GRAVEL SPECIFICATIONS SECTION 703.06			
SIEVE SIZE	TYPE A	TYPE B	TYPE C
1/2 INCH	45-70	35-75	
1/4 INCH	30-55	25-60	25-70
No. 40	0-20	0-25	0-30
No. 200	0-5.0	0-5.0	0-5.0
TYPE D TYPE E TYPE F			
1/4 INCH	25-70	25-100	60-100
No. 40	0-30	0-50	0-50
No. 200	0-7.0	0-7.0	0-7.0

NOTE:

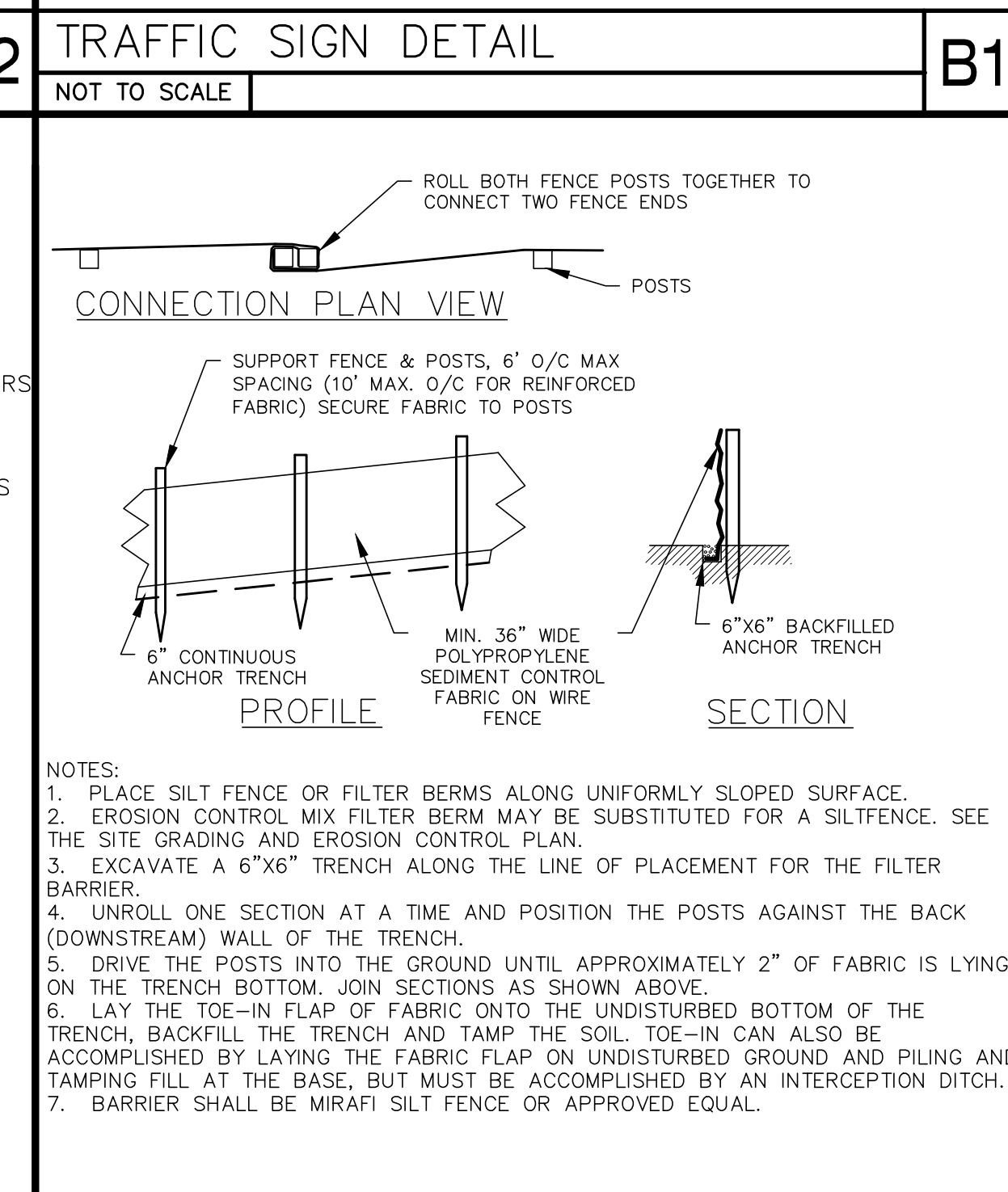
- TYPE A SHALL BE CRUSHED LEDGE OR CRUSHED GRAVEL. TYPE A AGGREGATE FOR BASE SHALL ONLY CONTAIN PARTICLES OF ROCK WHICH PASS THE 2 INCH SIEVE. AT LEAST 50 PERCENT OF THE MATERIAL RETAINED ON THE NO. 4 SIEVE SHALL HAVE AT LEAST 1 FRACTURED FACE AS TESTED BY AASHTO T 335.
- TYPE B SHALL BE CRUSHED LEDGE OR CRUSHED GRAVEL. TYPE B AGGREGATE FOR BASE SHALL ONLY CONTAIN PARTICLES OF ROCK WHICH PASS THE 4 INCH SIEVE.
- TYPE C SHALL BE CRUSHED LEDGE OR CRUSHED GRAVEL AND AGGREGATE FOR BASE SHALL ONLY CONTAIN PARTICLES OF ROCK WHICH PASS THE 6 INCH SIEVE. AT LEAST 50 PERCENT OF THE MATERIAL RETAINED ON THE NO. 4 SIEVE SHALL HAVE AT LEAST 1 FRACTURED FACE AS TESTED BY AASHTO T 335.
- AGGREGATE FOR SUB-BASE SHALL BE SAND OR GRAVEL OF HARD DURABLE PARTICLES FREE OF VEGETABLE MATTER, LUMPS OF CLAY, AND OTHER DELETERIOUS SUBSTANCES. AGGREGATE FOR SUB-BASE SHALL NOT CONTAIN PARTICLES THAT DO NOT PASS THE 6 INCH SIEVE.



TYPICAL MAINE DOT GRAVEL SPECS

NOT TO SCALE

PIPE DIAMETER (IN)	APRON WIDTH W (FT)	APRON LENGTH L (FT)
12	5	10
15	6	12
18	8	15
24	10	20
30	15	30
36	17	35



PIPE TRENCH

NOT TO SCALE

GRAVEL SECTION

NOT TO SCALE

STORM DRAIN INLET/OUTLET RIP-RAP

NOT TO SCALE

SEDIMENT FILTER BERM

NOT TO SCALE

SILT FENCE

NOT TO SCALE

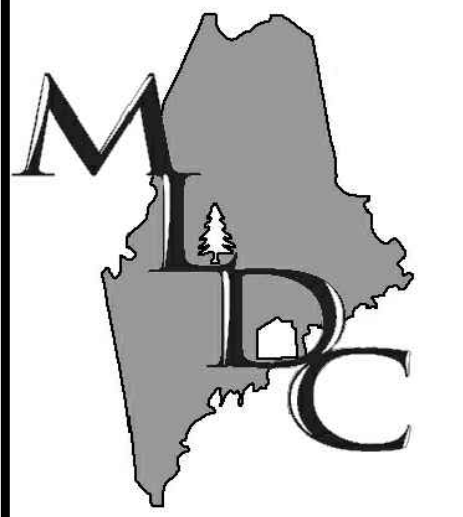
PROJ. MGR: RLB
DRAWN BY: EJM
CHECKED BY: RLB
SUBMISSION NO.: 1
SURVEY DATE: N/A
SUBMISSION DATE: 2023-07-13
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SITE DETAILS

SEAL:

 EMILY J. HASTINGS ME PE #16337
 DRAWING NO.
C9.1
 MLDC NO. 23-129 3 OF 3



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PROJECT
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**OUTDOOR
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LLC**

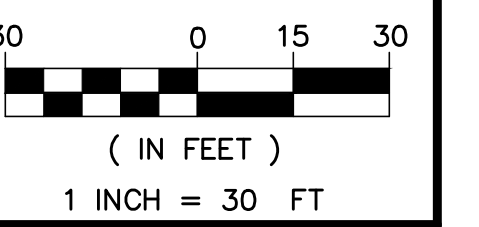
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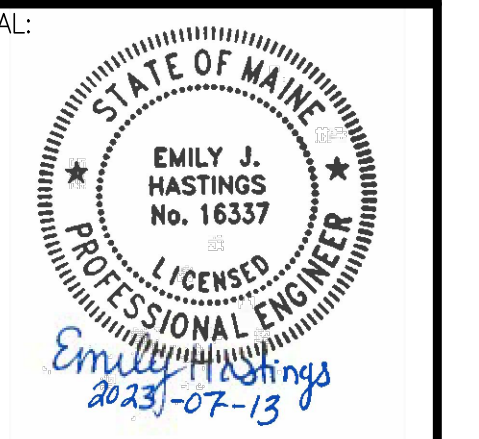


SUBMISSION NOTES:
SUBMISSION 1: 2023-07-13 E.J.H.
SLODA SUBMISSION

PROJ. MGR: RLB
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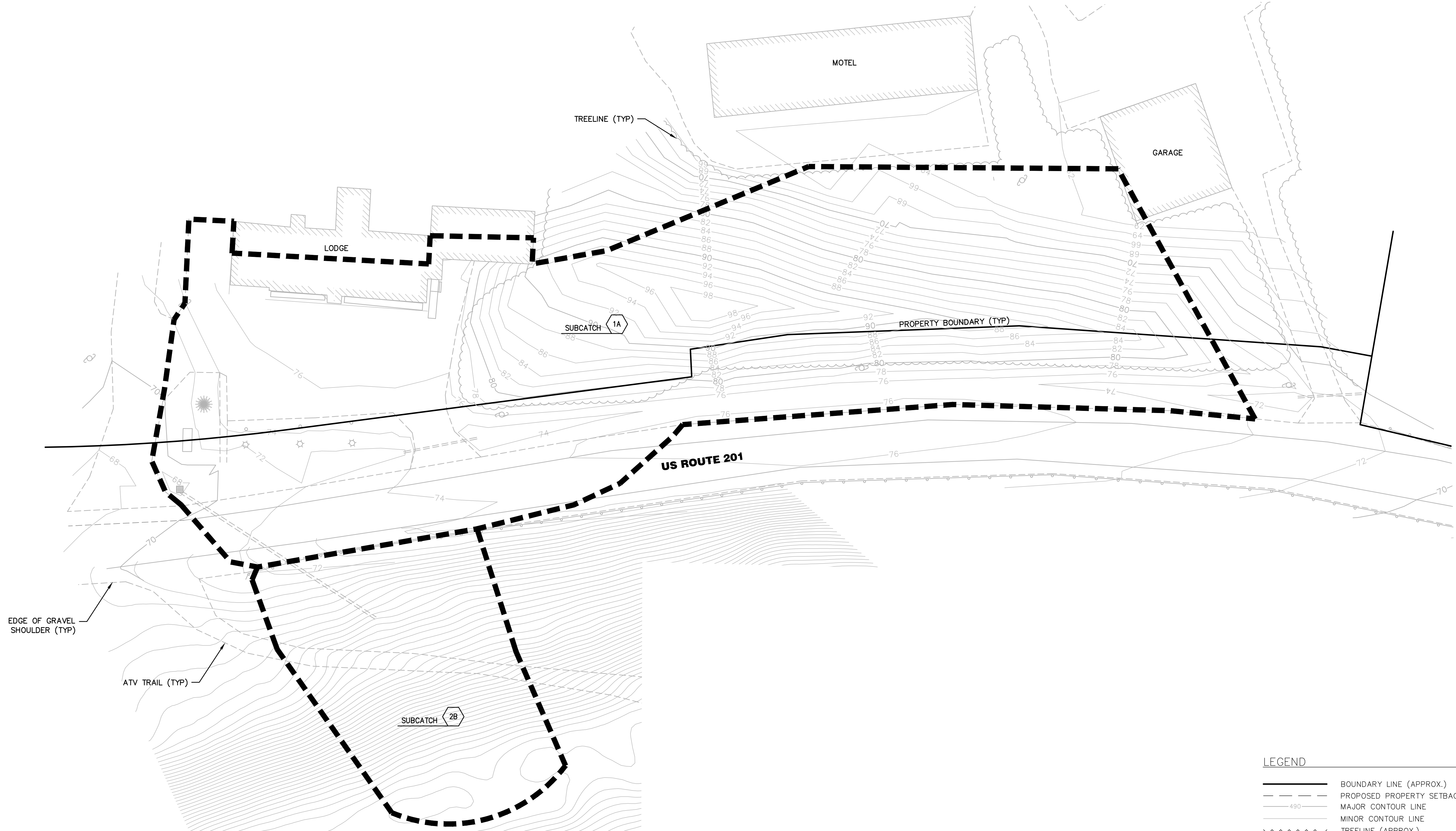
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**PRE-
DEVELOPMENT
DRAINAGE PLAN**



EMILY J. HASTINGS ME PE#16337
DRAWING NO.

D1.1
MLDC NO. 23-129 1 OF 2

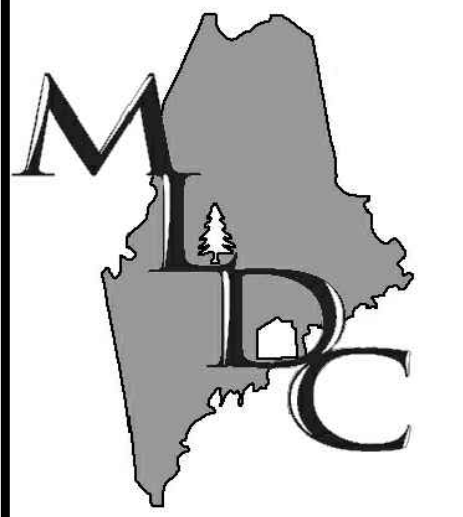


LEGEND

	BOUNDARY LINE (APPROX.)
	PROPOSED PROPERTY SETBACK
	MAJOR CONTOUR LINE
	MINOR CONTOUR LINE
	TREELINE (APPROX.)
	DRAINAGE CULVERT
	POND
	SUBCATCHMENT
	WATERSHED ANALYSIS POINT
	REACH
	SUBCATCHMENT BOUNDARY
	TIME OF CONCENTRATION FLOW PATH
	SHEET FLOW LENGTH
	SHALLOW CONCENTRATED FLOW LENGTH
	CHANNEL FLOW LENGTH

NOTES

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- NRCS COUNTY SOIL MAP DOWNLOADED FROM WEB SOIL SURVEY, [HTTPS://WEBSOILSURVEY.SC.EGOV.USDA.GOV](https://WEBSOILSURVEY.SC.EGOV.USDA.GOV). THE ENTIRE PROJECT SITE IS MASARDIS-DANFORTH
- THE STORMWATER MANAGEMENT PLAN PACKAGE, INCLUDING CALCULATIONS AND NARRATIVE, ARE AN INTEGRAL PART OF THE STORMWATER DRAINAGE STUDY AND CAN BE FOUND IN THE APPLICATION.



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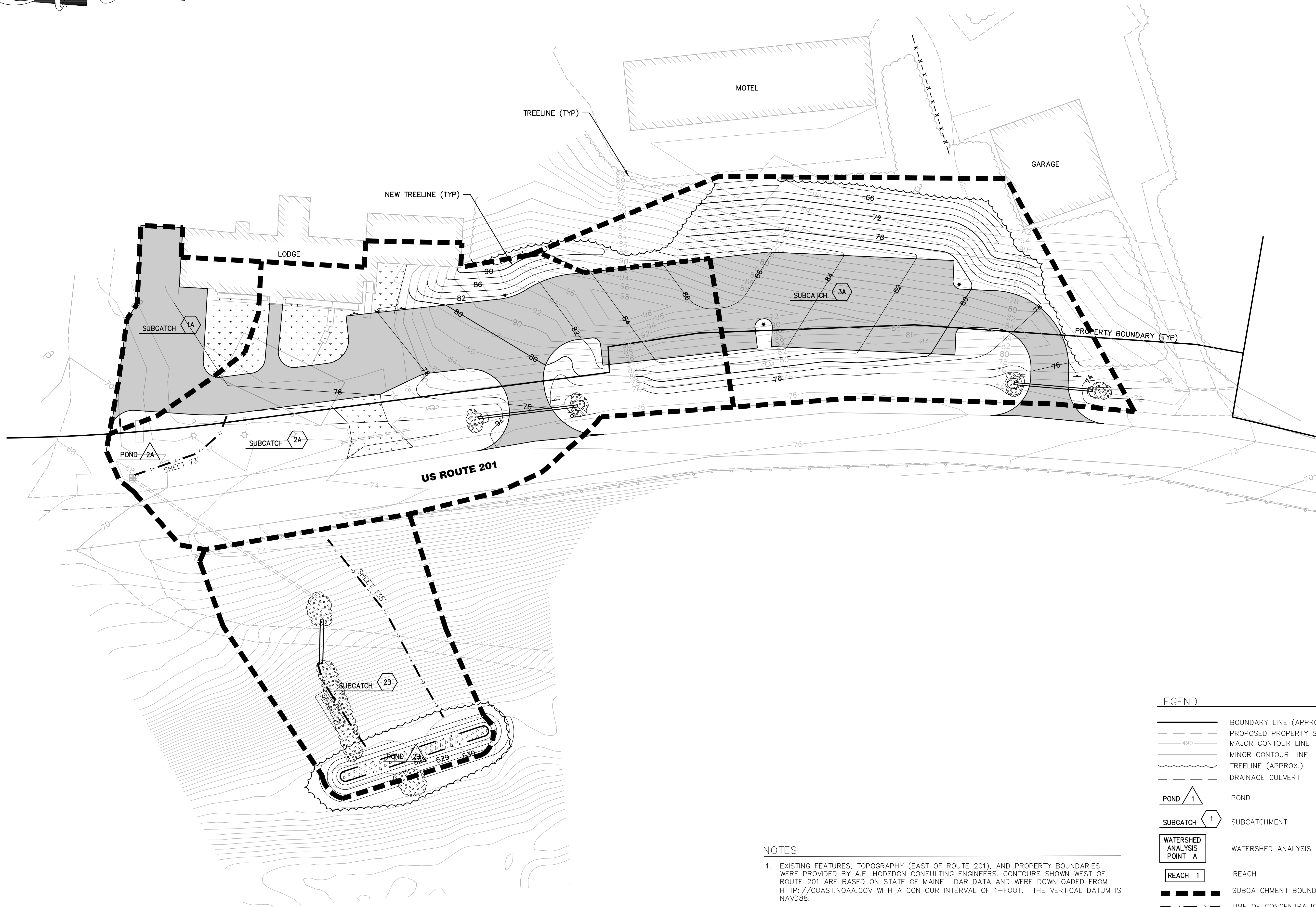
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SUBMISSION 1: 2023-07-13 E.JH
SLODA SUBMISSION



LEGEND

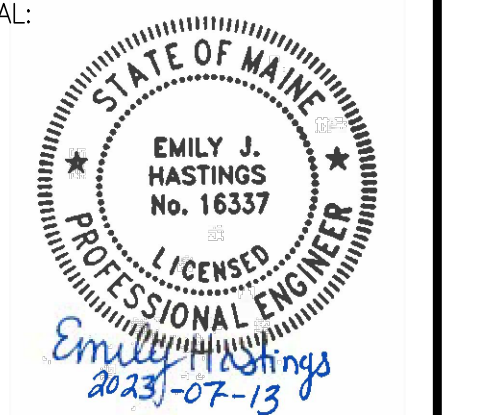
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	POND
	SUBCATCHMENT
	WATERSHED ANALYSIS POINT
	REACH
	SUBCATCHMENT BOUNDARY
	TIME OF CONCENTRATION FLOW PATH
	SHEET FLOW LENGTH
	SHALLOW CONCENTRATED FLOW LENGTH
	CHANNEL FLOW LENGTH
	PROPOSED MAJOR CONTOUR LINE
	PROPOSED MINOR CONTOUR LINE
	PROPOSED PAVED SURFACE

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PROJ. MGR: RLB
DRAWN BY: E.JH
CHECKED BY: RLB
SUBMISSION NO. 1
SURVEY DATE: N/A
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**POST-
DEVELOPMENT
DRAINAGE PLAN**



EMILY J. HASTINGS ME PE#16337
DRAWING NO.

D2.1