





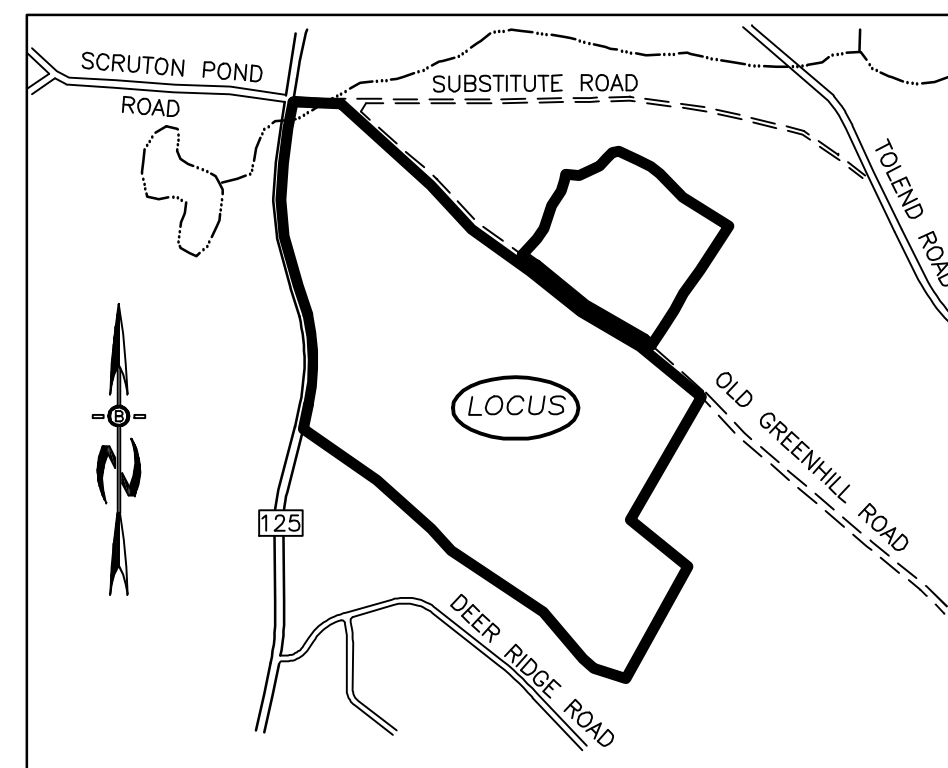
THE RIDGE AT GREENHILL SUBDIVISION OLD GREEN HILL ROAD/ROUTE 125

SEEKING REPORTS OF RARE TURTLES
The NH Fish & Game Department is collecting observations of four turtle species:

	<p>Blanding's turtle (state endangered)</p> <ul style="list-style-type: none"> • Large, dark/black domed shell with lighter speckles • Distinct yellow throat/skin • Aquatic but often moves on land
	<p>Wood turtle (special concern)</p> <ul style="list-style-type: none"> • Sculpted, pyramidal brownish shell • Orange around neck and limbs • River/stream turtle spending many months on land
	<p>Eastern box turtle (state endangered)</p> <ul style="list-style-type: none"> • Small terrestrial turtle with highly domed shell • Irregular yellow or orange markings over brown/black base
	<p>Spotted turtle (state threatened)</p> <ul style="list-style-type: none"> • Small, mostly aquatic with black or dark brown with yellow spots • Fairly flat shell compared to Blanding's turtle

Report sightings to RAASP@wildlife.nh.gov or 603-271-2461. Please report promptly, making specific location and date. Photographs strongly encouraged.

BLANDINGS & SPOTTED TURTLES HAVE BEEN REPORTED IN THE AREA. IF SPOTTED OR BLANDING'S TURTLES ARE FOUND LAYING EGGS IN THE WORK AREA, PLEASE CONTACT MELISSA DOPERALSKI AT 271-1738 or JOSH MEGYESY AT 271-1125 FOR FURTHER INSTRUCTIONS



LOCATION MAP

NEW HAMPSHIRE FISH AND GAME AOT PERMIT CONDITIONS RELATED TO THREATENED AND ENDANGERED SPECIES

- ALL OBSERVATIONS OF THREATENED OR ENDANGERED SPECIES SHALL BE REPORTED IMMEDIATELY TO THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT NONGAME AND ENDANGERED WILDLIFE ENVIRONMENTAL REVIEW PROGRAM BY PHONE AT 603-271-2461 AND BY EMAIL AT NHFGREVIEW@WILDLIFE.NH.GOV. EMAIL SUBJECT LINE: NHB20-2876, PROJECT NAME, WILDLIFE SPECIES OBSERVATION. PHOTOGRAPHS SHALL BE PROVIDED FOR VERIFICATION AS FEASIBLE; AND
- THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.
- ALL MANUFACTURED EROSION AND SEDIMENT CONTROL PRODUCTS, UTILIZED FOR, BUT NOT LIMITED TO, SLOPE PROTECTION, RUNOFF DIVERSION, SLOPE INTERRUPTION, PERIMETER CONTROL, AND INLET PROTECTION, CHECK DAMS, SEDIMENT TRAPS, AND SILT FENCE INSTALLED IN ACCORDANCE WITH ENV-WQ 1506.04, SHALL NOT CONTAIN WELDED PLASTIC, PLASTIC, OR MULTI-FILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH.

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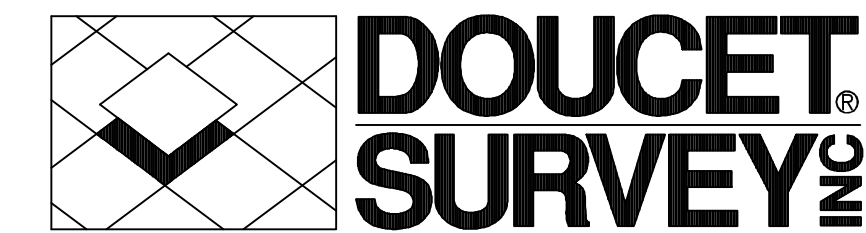


WETLAND/SOIL CONSULTANT:

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



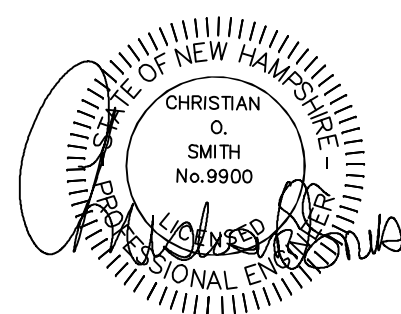
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CIVIL ENGINEERS:

BEALS ASSOCIATES PLLC
70 PORTSMOUTH AVE,
STRATHAM, NEW HAMPSHIRE
PHN. 603-583-4860, FAX. 603-583-4863



DEVELOPER:
ROUTE 125 DEVELOPMENT, LLC
JOSEPH FALZONE
7B EMERY LANE
STRATHAM, N.H. 03885

SIGNATURE _____	DATE _____
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REQUIRED PERMITS

NHDES SUBDIVISION APPROVAL NUMBER: (PENDING)
NHDES ALTERATION OF TERRAIN APPROVAL NUMBER: (PENDING)
NHDES WETLANDS PERMIT APPROVAL NUMBER: (PENDING)
NH DOT DRIVEWAY ACCESS PERMIT (PENDING)

REVISIONS:	DATE:
REVISED ROAD GRADES PER PB COMMENTS	6-5-19
REVISED PER ENG. REVIEW COMMENTS	6-20-19
REVISED PER REVIEW COMMENTS	7-24-19
REVISED ACCESS DESIGN	10-8-20

SUBDIVISION PLAN NOTES:

- REFERENCE: TAX MAP 223, LOTS 24 & 26
D.S.I. PROJECT NO. 5750
- TOTAL PARCEL AREA: LOT 24-1,403,900 SQ. FT. OR 32.23 AC.
LOT 26-7,820,498 SQ. FT. OR 179.53 AC.
- OWNER OF RECORD: RINA MYHRE, PAUL C. HELFGOTT & CAROL H. LEDOUX
4216 ALTA VISTA COURT
OCEANASIDE, CA 92057
S.C.R.D. BOOK 4082, PAGE 843
- ZONE: REGIONAL COMMERCIAL
DIMENSIONAL REQUIREMENTS:

	REGIONAL COMMERCIAL	CONSERVATION SUBDIVISION
MIN. LOT AREA	40,000 sq.ft.	20,000 sq. ft.
MIN. FRONTAGE	200 ft.	75' Ø FRONT SETBACK
MIN. FRONT SETBACK	75 ft.	25 ft.
MIN. SIDE/REAR SETBACK	30 ft.	20 ft.
MAX. BUILDING HEIGHT	40 ft.	35 ft.
MAX. LOT COVERAGE	50 %	
WETLAND SETBACKS	50 ft. (PRIME WETLANDS) 100 ft. (OTHER WETLANDS)	50 ft.

ADDITIONAL CONSERVATION SUBDIVISION REQUIREMENTS:
 -MIN. PARENT PARCEL SIZE 20.0 Ac.
 -MIN. PERIMETER BUFFER 100 ft.
 -LEACH FIELD SETBACK 50 ft. (POORLY DRAINED SOILS)
 75 ft. (VERY POORLY DRAINED SOILS)

ZONING INFORMATION LISTED HEREON IS BASED ON THE TOWN OF BARRINGTON ZONING ORDINANCE DATED MARCH 13, 2018 AS AVAILABLE ON THE TOWN WEBSITE ON DECEMBER 18, 2018. 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.

- FIELD SURVEY PERFORMED BY G.A.N. & S.N.F. DURING OCTOBER, NOVEMBER & DECEMBER 2018 USING A TRIMBLE S6 TOTAL STATION AND A TRIMBLE R8 SURVEY GRADE GPS WITH A TRIMBLE TSC3 DATA COLLECTOR AND A SOKKIA B21 AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
- JURISDICTIONAL WETLANDS DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. DURING OCTOBER 2018 IN ACCORDANCE TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL AND THE 2018 SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, NORTHWESTERN AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012, US ARMY CORPS OF ENGINEERS.
- FLOOD HAZARD ZONE: "X", PER FIRM MAP 33017C0305E, DATED 09/30/2015.
- HORIZONTAL DATUM BASED ON NEW HAMPSHIRE STATE PLANE(2800) NAD83(2011) DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
- VERTICAL DATUM IS BASED ON APPROXIMATE NAVD88(GE01D12A) (±.2') DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNET GPS VRS NETWORK.
- 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.
- 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 ROUTE 125 & OLD GREEN HILL ROAD AS DEPICTED HEREON IS/ARE BASED ON RESEARCH CONDUCTED AT THE TOWN OF BARRINGTON, STRAFFORD COUNTY REGISTRY OF DEEDS AND NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION.
- ROUTE 125/CALEF HIGHWAY IS A 4 ROD (66' WIDE) RIGHT OF WAY PER REFERENCE PLAN #1. OLD GREEN HILL ROAD IS A CLASS VI ROAD CLOSED SUBJECT TO GATES AND BARS, SEE 1969 WARRANT ARTICLE 20A.

EDGE OF ROUTE 125 RIGHT OF WAY ESTABLISHED BY HOLDING THE HIGHWAY BOUND AS NOTED NEAR OLD GREEN HILL ROAD (STA. 300+44) AND ROTATING THE REFERENCE PLAN 1 ALIGNMENT TO THE HIGHWAY BOUND AS NOTED AT THE INTERSECTION OF THE SOUTHERLY LOT LINE AND THE ROUTE 125 RIGHT OF WAY (STA. 273+39). PER REFERENCE PLAN 1 AND NHDOT FIELD NOTES, THE HIGHWAY BOUND AT STATION 273+39 WAS THE REPLACEMENT TO A ORIGINAL GRANITE BOUND IN THE SAME LOCATION THAT WAS OFFSET 31'± FROM THE CENTERLINE OF THE ALIGNMENT. DOUCET SURVEY HELD 31' OFF THE CENTERLINE OF THE ALIGNMENT TO THE BOUND LOCATION AND THUS THE LOCATION OF THE LOT CORNER IS 55343'48"E, 2.16' FROM THE BOUND LOCATION AND 33' FROM THE CENTERLINE OF THE ALIGNMENT. DOUCET SURVEY MEET WITH THE NHDOT RIGHT OF WAY DEPARTMENT ON FEBRUARY 4, 2020 TO VERIFY THE ABOVE MENTIONED RIGHT OF WAY APPROACH.

FULL BOUNDARY RESEARCH WAS NOT COMPLETED FOR THE PARCELS ON THE WESTERLY SIDE OF ROUTE 125. EDGE OF RIGHT OF WAY IS BASED ENTIRELY ON REFERENCE PLAN 1. NO TAKING WAS FOUND FOR THE HATCHED AREA ALONG TAX MAP 223, LOTS 2 & 3 BUT SHOULD BE VERIFIED WITH NHDOT PRIOR TO DESIGN. REFERENCE PLANS 7 & 8 APPEAR TO HOLD THE SAME EDGE OF RIGHT OF WAY AS SHOWN.

13. FINAL MONUMENTATION MAY BE DIFFERENT THAN THE PROPOSED MONUMENTATION SHOWN HEREON, DUE TO THE FACT THAT SITE CONDITIONS WILL DICTATE THE ACTUAL LOCATION AND TYPE OF MONUMENTS INSTALLED IN THE FIELD. PLEASE REFER TO EITHER THE "MONUMENTATION LOCATION PLAN" TO BE RECORDED OR CONTACT DOUCET SURVEY, INC. FOR CLARIFICATION OF MONUMENTS SET. (A RECORDED PLAN WILL BE PRODUCED AT THE DISCRETION OF DOUCET SURVEY, INC.).

14. 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.

15. AERIAL TOPOGRAPHY WAS CONDUCTED BY EASTERN TOPOGRAPHS FROM IMAGES TAKEN DURING MAY 2003 WITH A PHOTO SCALE OF 1"=475'. CONTOURS AND OBJECTS SHOWN WITHIN OBTAINED ARE APPROXIMATE AND SHOULD BE VERIFIED BEFORE USE FOR DESIGN OR CONSTRUCTION PURPOSES.

16. TAX MAP 223, LOT 26 IS EITHER SUBJECT TO OR IN BENEFIT OF, BUT NOT LIMITED TO, THE FOLLOWING EASEMENTS/RIGHTS OF RECORD:
 A) EASEMENT IN FAVOR OF PUBLIC SERVICE OF NEW HAMPSHIRE, SEE S.C.R.D. BOOK 780, PAGE 171, ACTUAL LOCATION UNKNOWN.
 B) EASEMENT IN FAVOR OF PUBLIC SERVICE OF NEW HAMPSHIRE, SEE S.C.R.D. BOOK 729, PAGE 219, ACTUAL LOCATION UNKNOWN.

17. 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.

- NHDES STATE SUBDIVISION APPROVAL #PENDING.
- NHDES ALTERATION OF TERRAIN APPROVAL #PENDING.
- NHDES WETLAND PERMIT APPROVAL #2019-03660, DATED 6/2/2020.
- NHDOT ACCESS PERMIT #PENDING.

APPROVED DATE
BARRINGTON, NH
PLANNING BOARD

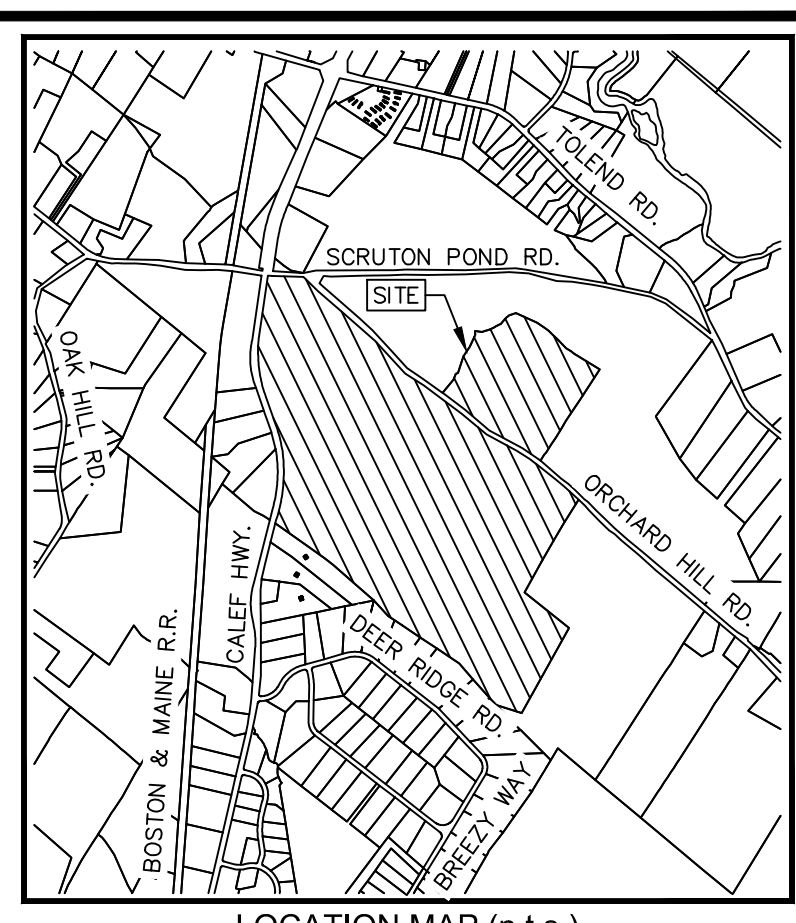
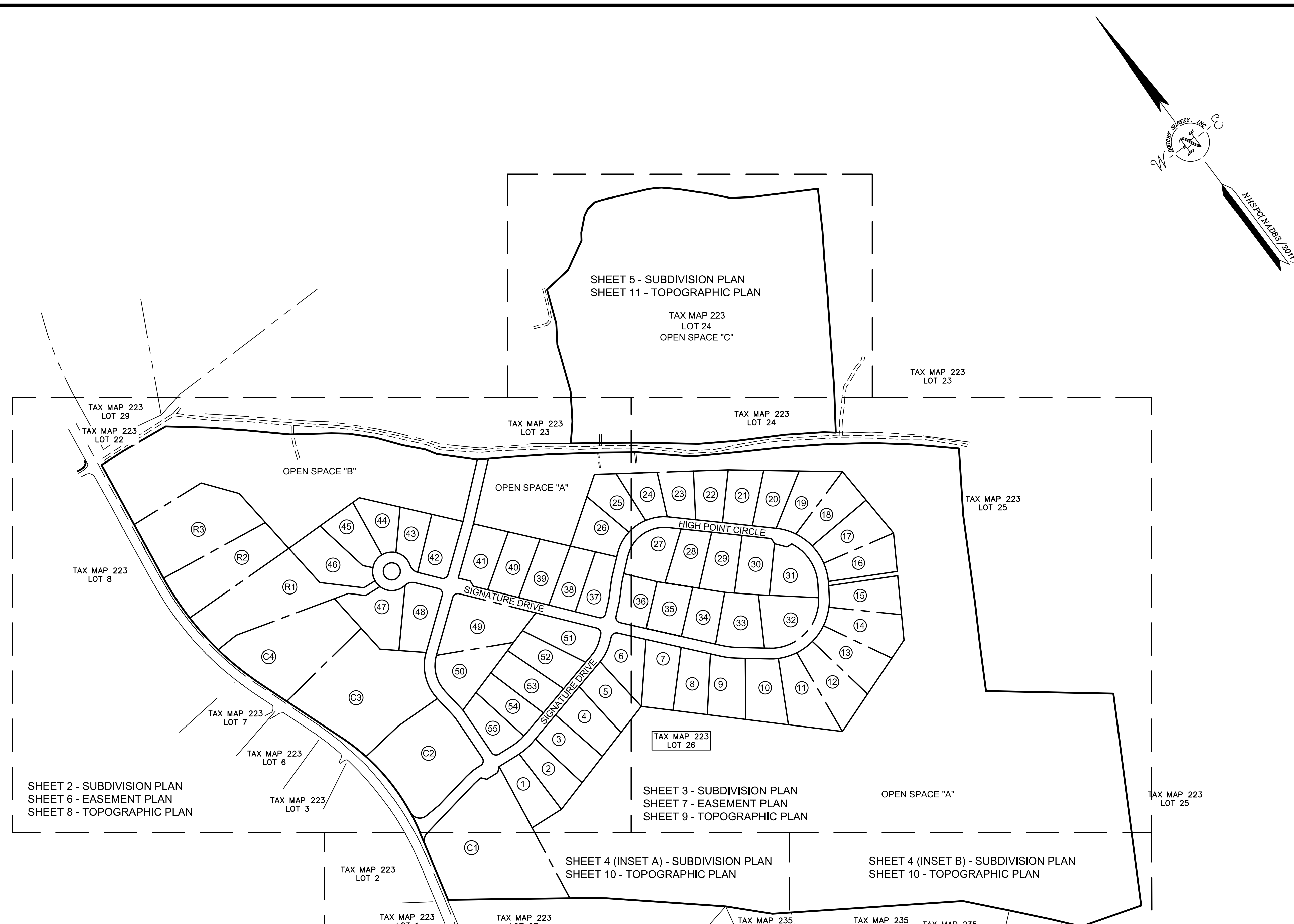
NO STATE OF NH
NO. 989
MATTHEW
FAGGINGER-AUER
SIGNATURE

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. #989
DATE 10/14/20

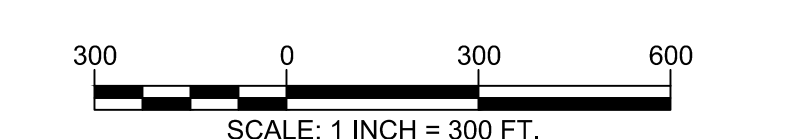
THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

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 CURRENT TOWN ASSESSORS RECORDS.



- LEGEND**
- LOT LINE
 - PROPOSED LOT LINE
 - BUILDING SETBACK LINE
 - WETLAND SETBACK LINE
 - ZONE LINE
 - APPROXIMATE ABUTTERS LOT LINE
 - STONE WALL
 - REMNANT STONE WALL
 - EDGE OF WETLAND
 - STREAM
 - BOUND FOUND
 - DRILL HOLE FOUND
 - IRON PIPE/ROD FOUND
 - 4"x4" GRANITE BOUND TO BE SET
 - 5/8" REBAR W/ID CAP TO BE SET
 - BOUND FOUND
 - D.H.S. FND.
 - D.H.S.
 - B.W.
 - CONC.
 - GRAN.
 - D.H.
 - WETLAND SYMBOL

- LEGEND (EASTERN TOPOGRAPHS)**
- BUILDING
 - PAVED ROAD
 - GRAVEL ROAD
 - BRIDGE
 - PAVEMENT OBTUSURED
 - DRIVEWAY
 - DRIVEWAY UNPAVED
 - DRIVEWAY OBTUSURED
 - FENCE OBTUSURED
 - WALL OBTUSURED
 - STONEWALL
 - BROOK/STREAM
 - SWAMP LIMIT



SUBDIVISION PLAN
"THE RIDGE AT GREEN HILL"
 FOR
 HARBOR STREET LIMITED PARTNERSHIP
 LAND OF

PAUL C. HELFGOTT, RINA MYHRE &
 CAROL H. LEDOUX
 (TAX MAP 223, LOTS 24 & 26)
 ROUTE 125/CALEF HIGHWAY
 BARRINGTON, NEW HAMPSHIRE

REFERENCE PLANS:

- "STATE OF NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS, PLANS OF PROPOSED UPGRADING PROJECT (CONTRACT BETTERMENT) B-2172, N.H. PROJECT NO. S-2095, CALEF RD. (N.H. 125)", DATED 7-22-76, ON FILE AT THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION.
- "BOUNDARY PLAN OF LAND IN BARRINGTON, NEW HAMPSHIRE BELONGING TO M.D. & G.D. HELFGOTT", BY GLE & SINGER LAND SURVEYS, DATED SEPTEMBER 14, 1971, S.C.R.D. POCKET #9, FOLDER #1, PLAN #33, 33A, 33B, 33C & 33D.
- "SUBDIVISION PLAN PREPARED FOR WCV INC., OF LAND IN THE NAME OF ANTONIO G. RIZZO AND CHERYL M. RIZZO OF MAP 12, LOT 96, LOCATED AT ROUTE 125, COUNTY OF STRAFFORD, BARRINGTON, NH", BY DAVID W. WINCENT LAND SURVEYING SERVICES, DATED MAY 16, 2002, S.C.R.D. PLAN #67-17.
- "WEDGEWOOD ESTATES PLAN OF LAND IN BARRINGTON, N.H. PREPARED FOR MILDRED G. ALLEN", BY ROBERT G. COLBATH SURVEYOR, DATED JULY 2, 1984, S.C.R.D. PLAN #24A-132 & 24A-133.
- "SUBDIVISION OF LAND PREPARED FOR JIM AND SUSANNE JAGIELSKI, 17 DEER RIDGE DRIVE, BARRINGTON, NH", BY MCNEANEY SURVEY ASSOCIATES, INC., DATED SEPTEMBER 12, 1997, S.C.R.D. PLAN #51-100.
- "STATE OF NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS, PLANS OF PROPOSE FEDERAL AID PRIMARY PROJECT, F 019-1(10), N.H. PROJECT NO. S-2095-A, N.H. ROUTE 125-CALEF ROAD", DATED 9-26-77, ON FILE AT THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION.
- "SUBDIVISION PLAN OF LAND IN BARRINGTON, NH PREPARED FOR VAN E. HERTEL", BY NORTH COUNTRY SURVEYORS, DATED MAY 16, 1990, S.C.R.D. PLAN #38-131.
- "SUBDIVISION PLAN OF LAND IN BARRINGTON, NH PREPARED FOR KEITH WESTON & THOMAS DELONG", BY NORTH COUNTRY SURVEYORS, DATED JUNE 30, 1992, S.C.R.D. PLAN #41-70.
- "SUBDIVISION OF LAND FOR BRUCE WILLIAMS ASSOCIATES, INC.", BY WHITE MOUNTAIN SURVEY COMPANY, DATED APRIL 26, 1983, S.C.R.D. PLAN #24-21 & 22.

ABUTTERS LIST:

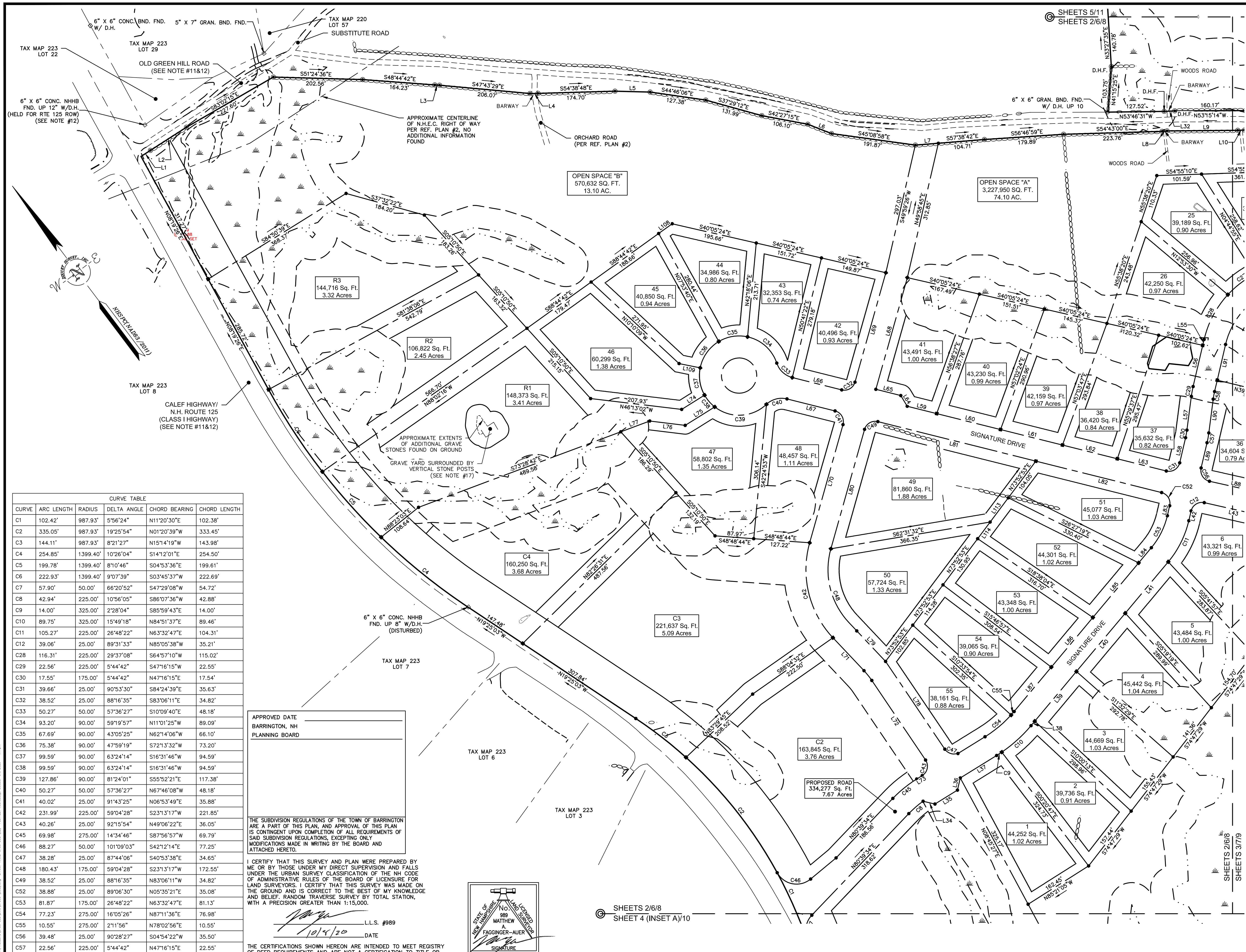
- | | | | | |
|--|---|---|--|---|
| TAX MAP 220 LOT 57
TOWN OF BARRINGTON
PO BOX 660
BARRINGTON, NH 03825
S.C.R.D. BOOK 4384 PAGE 439 | TAX MAP 223 LOT 7
248 REAL ESTATE HOLDINGS LLC
24 SERENITY WAY
BARRINGTON, NH 03825
S.C.R.D. BOOK 3928 PAGE 760 | TAX MAP 223 LOT 24
RINA MYHRE & PAUL C HELFGOTT & CAROL H LEDOUX (1/3 EA)
4216 ALTA VISTA CT
OCEANASIDE, CA 92057
S.C.R.D. BOOK 4082 PAGE 843 | TAX MAP 235 LOT 19
BASIL & DONNA PHOFOLOS
47 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 2109 PAGE 597 | TAX MAP 235 LOT 24
TIMOTHY & SAMANTHA JAMES
95 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 4310 PAGE 127 |
| TAX MAP 223 LOT 1
LOREN & DARRYL WRIGHT BARTON
38 CALIFORNIA ST #3
WATERTOWN, MA 02472
S.C.R.D. BOOK 3896 PAGE 128 | TAX MAP 223 LOT 8
ATLANTIC TRADE PARK LLC
PO BOX 451
NEW CASTLE, NH 03854
S.C.R.D. BOOK 3743 PAGE 145 | TAX MAP 223 LOT 25
RAYMOND LAFRANCE
1030 LUCAS WAY
PALMER, AK 99645 | TAX MAP 235 LOT 20
CALLUM COCHRAN
53 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 4575 PAGE 982 | TAX MAP 235 LOT 25
JIM & SUSANNE JAGIELSKI
103 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 1538 PAGE 252 |
| TAX MAP 223 LOT 2
SBA TOWERS III LLC
8051 CONGRESS AVE
BOCA RATON, FL 33487
S.C.R.D. BOOK 3898 PAGE 505 | TAX MAP 223 LOT 12
LRT PROPERTY MGMT LLC
PO BOX 703
BARRINGTON, NH 03825
S.C.R.D. BOOK 3780 PAGE 999 | TAX MAP 223, LOT 27
NOT PARCEL INFORMATION AVAILABLE PER THE TOWN OF BARRINGTON | TAX MAP 235 LOT 21
DAVID J & KATHLEEN M SARTORIUS
111 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 4505 PAGE 261 | TAX MAP 235 LOT 26
TYSON WEHRMAN & ALLISON ROBERTS
111 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 2834 PAGE 445 |
| TAX MAP 223 LOT 3
ANTHONY SMITH
262 CALEF HWY
BARRINGTON, NH 03825
S.C.R.D. BOOK 3121 PAGE 186 | TAX MAP 223 LOT 22
TOWN OF BARRINGTON
PO BOX 660
BARRINGTON, NH 03825
S.C.R.D. BOOK 3928 PAGE 1 | TAX MAP 223 LOT 28
BOSTON & MAINE RR & GUILFORD TRANSPORT IND & IRON HORSE PK
NORTH BILLERICA, MA 01862 | TAX MAP 235 LOT 22
KIP & KAREN LACHAPELLE
67 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 1902 PAGE 63 | |
| TAX MAP 223 LOT 6
248 CALEF HIGHWAY LLC
679 FIRST NH TPK
NORTHWOOD, NH 03261
S.C.R.D. BOOK 4462 PAGE 998 | TAX MAP 223 LOT 23
JAMES E & STEVEN E & KIMBERLY D CONNICK
324 DEN QUARRY RD
LYNN, MA 01904
S.C.R.D. BOOK 4307 PAGE 531 | | TAX MAP 235 LOT 23
CHESTNUT WOODS LLC
7B EMERY LN
STRATHAM, NH 03880 | TAX MAP 235 LOT 23
DAVID BISSON & MARY DOTY
81 DEER RIDGE DR
BARRINGTON, NH 03825
S.C.R.D. BOOK 1444 PAGE 117 |

NO.	DATE	REVISIONS PER PLANNERS COMMENTS	BY
4	10/1/20	REVISED LAYOUT	MWF
3	4/8/20	REVISE EASEMENTS	MWF
2	2/19/20	REVISED ROAD LAYOUT	MWF
1	7/10/19	REVISIONS PER PLANNERS COMMENTS	MWF

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750C
JOB NO.:	5750	SHEET	1 OF 11

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 http://www.doucetsurvey.com

SHEETS 8-11 NOT INTENDED FOR RECORDING



LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	S85°38'58"E	25.34'	L74	S84°57'33"E	61.23'
L2	S85°38'58"E	97.05'	L75	N84°57'33"W	79.07'
L3	S49°28'32"E	10.81'	L76	N46°00'12"W	81.15'
L4	S54°09'18"E	18.07'	L77	N73°28'42"W	70.04'
L5	S51°35'36"E	79.80'	L78	N02°58'25"E	240.22'
L6	S31°29'03"E	57.95'	L79	N06°18'57"W	120.93'
L7	S57°38'42"E	52.47'	L80	N52°45'31"E	281.52'
L8	S57°55'26"E	11.15'	L81	S38°57'54"E	369.43'
L9	S53°28'02"E	160.29'	L82	S38°57'54"E	294.04'
L10	S55°25'34"E	15.41'	L83	S50°08'36"W	23.17'
L32	N55°32'10"W	24.15'	L84	S76°56'58"W	45.00'
L34	S39°45'41"E	27.64'	L85	S76°56'58"W	161.55'
L35	S84°45'41"E	60.00'	L86	S76°56'58"W	146.87'
L36	N50°14'19"E	28.28'	L87	S76°56'58"W	131.37'
L37	S84°45'40"E	96.89'	L88	N40°19'51"W	124.80'
L38	N76°56'58"E	13.20'	L89	N50°08'36"E	58.91'
L39	N76°56'58"E	147.14'	L90	N44°23'54"E	77.22'
L40	N76°56'58"E	172.54'	L91	S50°08'36"W	83.23'
L41	N76°56'58"E	151.92'	L108	S88°44'42"E	37.82'
L42	N50°08'36"E	22.81'	L109	N41°30'50"W	48.85'
L43	S40°19'51"E	136.53'	L113	N73°52'53"E	68.71'
L44	N76°56'58"E	13.74'	L114	N73°52'53"E	47.23'
L45	S50°08'36"E	95.97'			
L46	S44°23'54"W	77.22'			
L47	S50°08'36"E	58.54'			
L48	N38°57'54"W	68.98'			
L49	N38°57'54"W	149.16'			
L50	N38°57'54"W	144.92'			
L51	N38°57'54"W	128.19'			
L52	N38°57'54"W	114.54'			
L53	N06°02'06"E	28.28'			
L54	N38°57'54"W	58.29'			
L55	N38°57'54"W	115.41'			
L56	S38°57'54"E	112.40'			
L57	N52°45'31"E	263.22'			
L58	S52°45'31"W	257.98'			
L59	S52°45'31"W	278.52'			
L60	S06°18'57"E	102.65'			
L61	S02°58'25"W	217.99'			
L62	N84°45'41"W	14.75'			

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	102.42'	987.93'	5°56'24"	N11°20'30"E	102.38'
C2	335.05'	987.93'	19°25'54"	N01°20'39"W	333.45'
C3	144.11'	987.93'	8°21'27"	N15°14'19"W	143.98'
C4	254.85'	1399.40'	10°26'04"	S14°12'01"E	254.50'
C5	199.78'	1399.40'	8°10'46"	S04°53'36"E	199.81'
C6	222.93'	1399.40'	9°07'39"	S03°45'37"W	222.69'
C7	57.90'	50.00'	66°20'52"	S47°29'08"W	54.72'
C8	42.94'	225.00'	10°56'05"	S86°07'36"W	42.88'
C9	14.00'	325.00'	2°28'04"	S85°59'43"W	14.00'
C10	89.75'	325.00'	15°49'18"	N84°51'37"E	89.46'
C11	105.27'	225.00'	26°48'22"	N63°32'47"E	104.31'
C12	39.06'	25.00'	89°31'33"	N85°05'38"W	35.21'
C28	116.31'	225.00'	29°37'08"	S64°57'10"W	115.02'
C29	22.56'	225.00'	5°44'42"	S47°16'15"W	22.55'
C30	17.55'	175.00'	5°44'42"	N47°16'15"E	17.54'
C31	39.66'	25.00'	90°53'30"	S84°24'39"E	35.63'
C32	38.52'	25.00'	88°16'35"	S83°06'11"E	34.82'
C33	50.27'	50.00'	57°36'27"	S10°09'40"E	48.18'
C34	93.20'	90.00'	59°19'57"	N11°01'25"W	89.09'
C35	67.69'	90.00'	43°05'25"	N62°14'06"W	66.10'
C36	75.38'	90.00'	47°59'19"	S72°31'32"W	73.20'
C37	99.59'	90.00'	63°24'14"	S16°31'46"W	94.59'
C38	99.59'	90.00'	63°24'14"	S16°31'46"W	94.59'
C39	127.86'	90.00'	81°24'01"	S55°52'21"E	117.38'
C40	50.27'	50.00'	57°36'27"	N67°46'08"W	48.18'
C41	40.02'	25.00'	91°43'25"	N06°53'49"E	35.88'
C42	231.99'	225.00'	59°04'28"	S23°31'17"W	221.85'
C43	40.26'	25.00'	92°15'54"	N49°06'22"E	36.05'
C44	69.98'	275.00'	14°34'46"	S87°56'57"W	69.79'
C46	88.27'	50.00'	101°09'03"	S42°21'4"E	77.25'
C47	38.28'	25.00'	87°44'06"	S40°53'38"E	34.65'
C48	180.43'	175.00'	59°04'28"	S23°31'17"W	172.55'
C49	38.52'	25.00'	88°16'35"	N83°06'11"W	34.82'
C52	38.88'	25.00'	89°06'30"	N05°35'21"E	35.08'
C53	81.87'	175.00'	26°48'22"	N63°32'47"E	81.13'
C54	77.23'	275.00'	16°05'26"	N87°11'36"E	76.98'
C55	10.55'	275.00'	2°11'56"	N78°02'56"E	10.55'
C56	39.48'	25.00'	90°28'27"	S04°54'22"W	35.50'
C57	22.56'	225.00'	5°44'42"	N47°16'15"E	22.55'
C58	17.55'	175.00'	5°44'42"	S47°16'15"W	17.54'

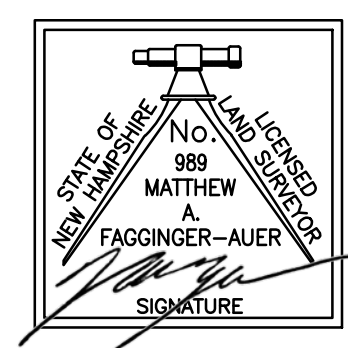
APPROVED DATE
BARRINGTON, NH
PLANNING BOARD

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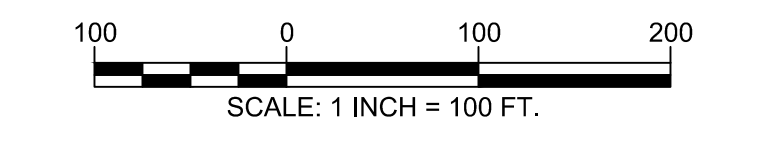
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DATE: 10/15/20
L.L.S. #989

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SHEETS 2/6/8
SHEET 4 (INSET A)/10



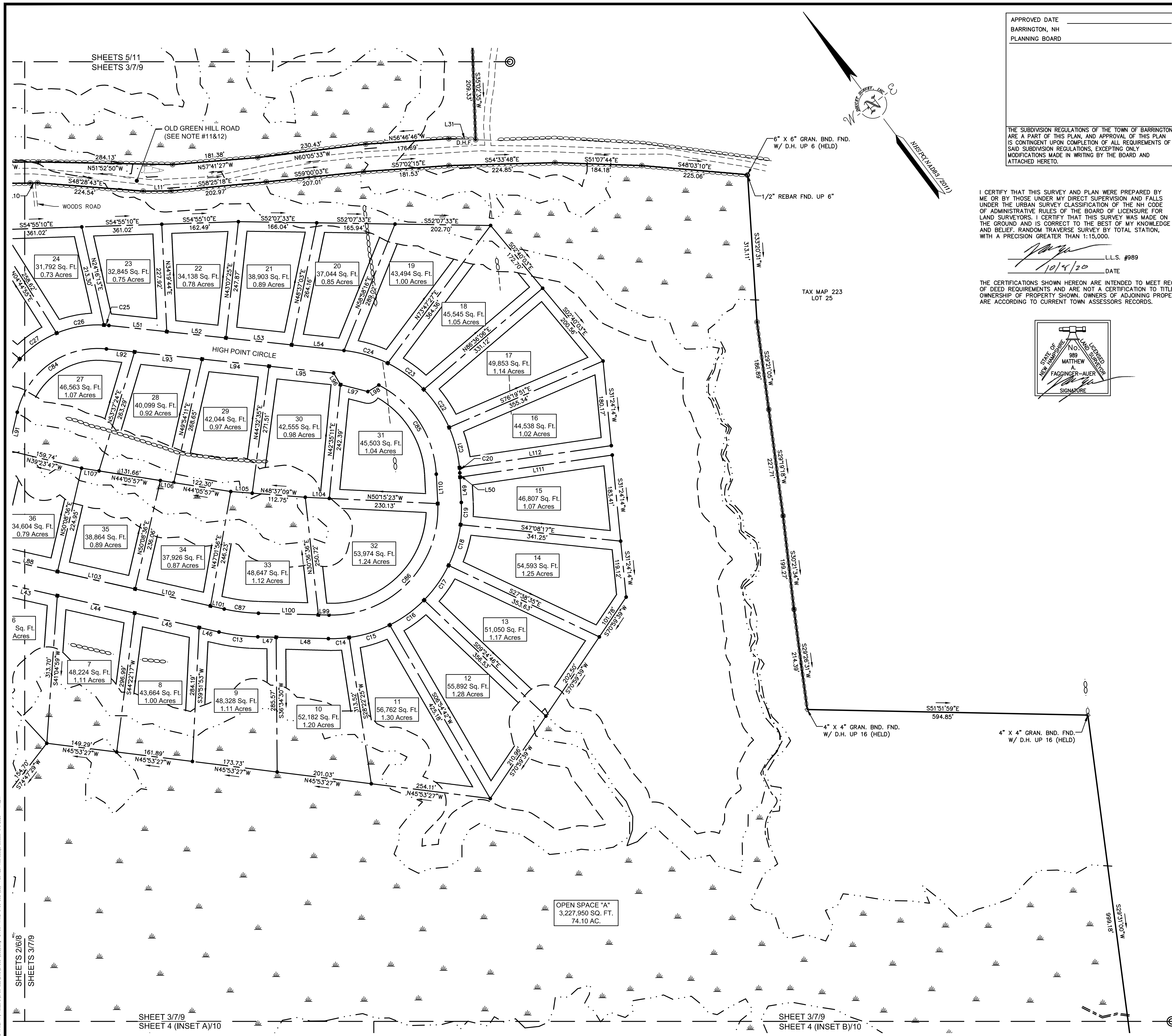
SUBDIVISION PLAN
"THE RIDGE AT GREEN HILL"
FOR
HARBOR STREET LIMITED PARTNERSHIP
LAND OF
PAUL C. HELFGOTT, RINA MYHRE &
CAROL H. LEDOUX
(TAX MAP 223, LOTS 24 & 26)
ROUTE 125/CALEF HIGHWAY
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	DESCRIPTION	BY
4	10/1/20	REVISED LAYOUT	MWF
3	4/8/20	REVISE EASEMENTS	MWF
2	2/19/20	REVISED ROAD LAYOUT	MWF
1	7/10/19	REVISIONS PER PLANNERS COMMENTS	MWF

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750C
JOB NO.:	5750	SHEET	2 OF 11

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SHEETS 8-11 NOT INTENDED FOR RECORDING



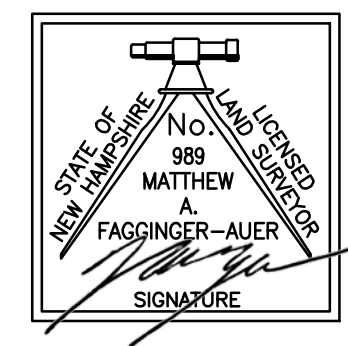
APPROVED DATE _____
 BARRINGTON, NH
 PLANNING BOARD

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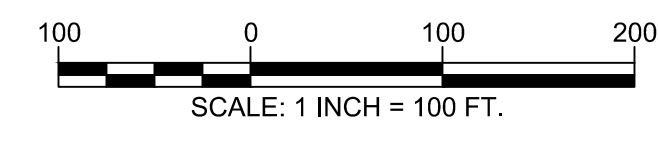
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[Signature] L.L.S. #989
 DATE 10/4/20

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CURVE TABLE					LINE TABLE			
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH	LINE	BEARING	DISTANCE
C13	83.04'	425.00'	111°14'33"	S45°55'43"E	82.91'	L10	S55°25'34"E	15.41'
C14	43.98'	275.00'	9°09'46"	S56°06'27"E	43.93'	L11	S53°31'39"E	59.19'
C15	90.41'	275.00'	18°50'10"	S70°06'25"E	90.00'	L31	N50°46'00"W	56.83'
C16	90.41'	275.00'	18°50'10"	S88°56'35"E	90.00'	L43	S40°19'51"E	136.53'
C17	90.41'	275.00'	18°50'10"	N72°13'15"E	90.00'	L44	S40°19'51"E	168.00'
C18	90.41'	275.00'	18°50'10"	N53°23'05"E	90.00'	L45	S40°19'51"E	140.16'
C19	47.32'	275.00'	9°51'33"	N39°02'14"E	47.26'	L46	S40°19'51"E	43.16'
C20	11.09'	275.00'	2°18'40"	N32°57'07"E	11.09'	L47	S51°31'34"E	38.89'
C21	88.55'	275.00'	18°27'00"	N22°34'17"E	88.17'	L48	S51°31'34"E	110.75'
C22	97.40'	275.00'	20°17'38"	N03°11'58"E	96.90'	L49	N34°06'27"E	53.60'
C23	94.96'	275.00'	19°47'05"	N16°50'23"W	94.49'	L50	N34°06'27"E	8.98'
C24	96.92'	275.00'	20°11'32"	N36°49'42"W	96.41'	L51	N46°55'27"W	123.39'
C25	10.52'	225.00'	2°40'48"	N48°15'51"W	10.52'	L52	N46°55'27"W	126.05'
C26	102.58'	225.00'	26°07'14"	N62°39'53"W	101.69'	L53	N46°55'27"W	140.05'
C27	96.26'	225.00'	24°30'46"	N87°58'53"W	95.53'	L54	N46°55'27"W	111.61'
C84	253.30'	175.00'	82°55'57"	N88°23'26"W	231.76'	L88	N40°19'51"W	124.80'
C85	235.16'	225.00'	59°52'58"	N04°09'58"E	224.60'	L91	S50°08'36"W	83.23'
C86	370.58'	225.00'	94°21'59"	N81°17'27"E	330.09'	L92	S46°55'27"E	60.01'
C87	73.27'	375.00'	111°14'33"	S45°55'43"E	73.16'	L93	S46°55'27"E	143.86'
						L94	S46°55'27"E	142.77'
						L95	S46°55'27"E	137.65'
						L96	S06°17'24"W	28.39'
						L97	S38°42'36"E	60.00'
						L98	S83°42'36"E	26.97'
						L99	N51°31'34"W	22.47'
						L100	N51°31'34"W	127.17'
						L101	N40°19'51"W	29.70'
						L102	N40°19'51"W	163.91'
						L103	N40°19'51"W	168.61'
						L104	N50°15'23"W	51.06'
						L105	N48°37'09"W	45.62'
						L106	N44°05'57"W	160.31'
						L107	N44°05'57"W	37.41'
						L110	S34°06'27"W	62.58'
						L111	S61°16'28"E	326.00'
						L112	S61°16'28"E	325.27'



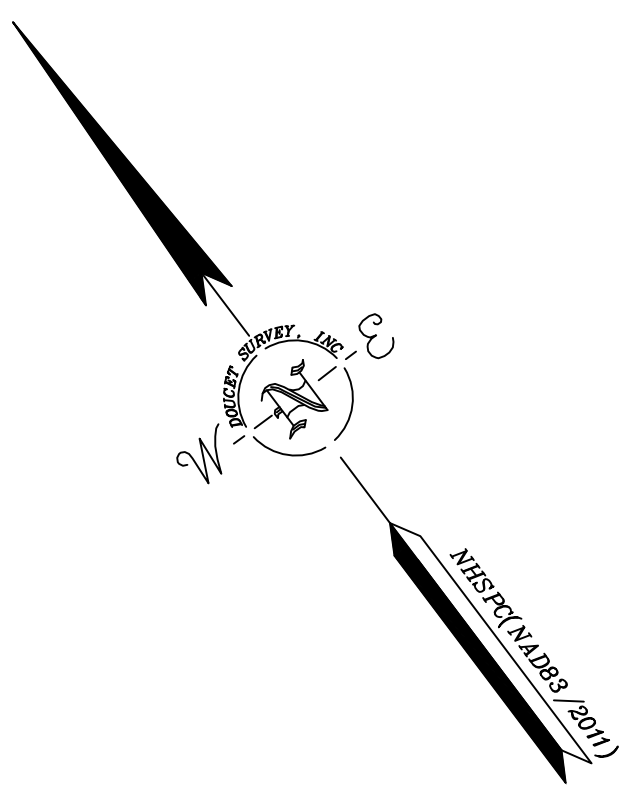
SUBDIVISION PLAN
"THE RIDGE AT GREEN HILL"
 FOR
 HARBOR STREET LIMITED PARTNERSHIP
 LAND OF
 PAUL C. HELFGOTT, RINA MYHRE &
 CAROL H. LEDOUX
 (TAX MAP 223, LOTS 24 & 26)
 ROUTE 125/CALEF HIGHWAY
 BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISIONS PER PLANNERS COMMENTS	BY
4	10/1/20	REVISED LAYOUT	MWF
3	4/8/20	REVISE EASEMENTS	MWF
2	2/19/20	REVISED ROAD LAYOUT	MWF
1	7/10/19	REVISIONS PER PLANNERS COMMENTS	MWF

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750C
JOB NO.:	5750	SHEET	3 OF 11

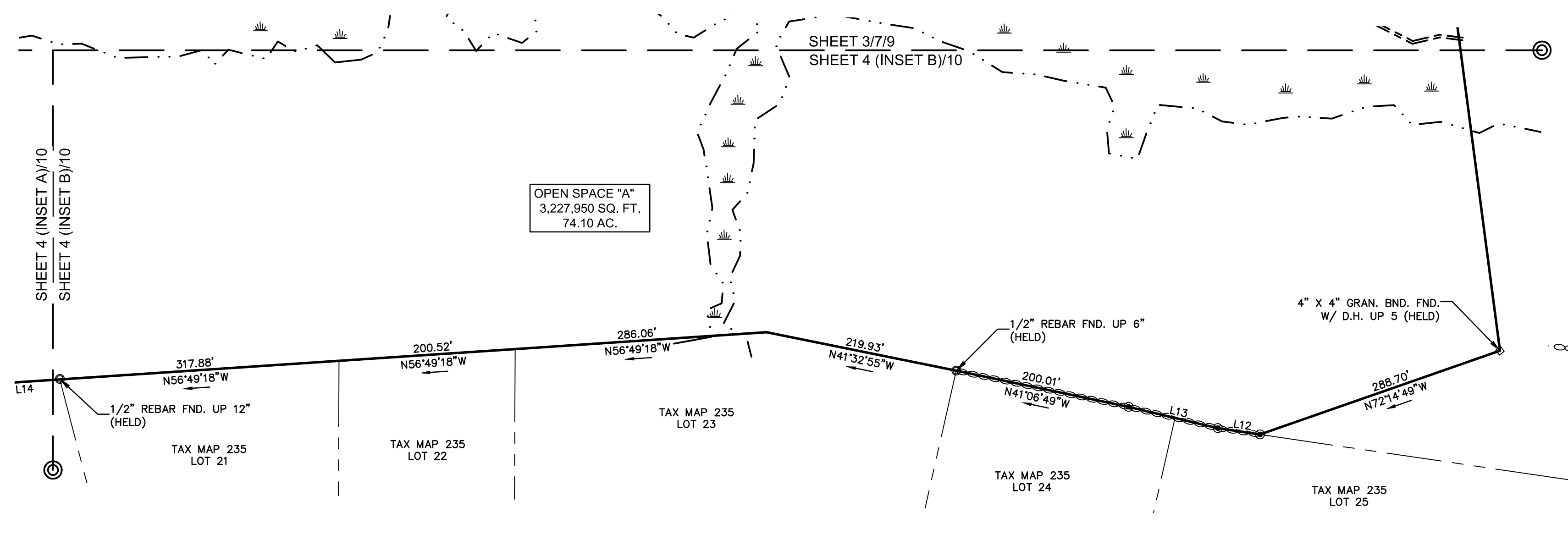
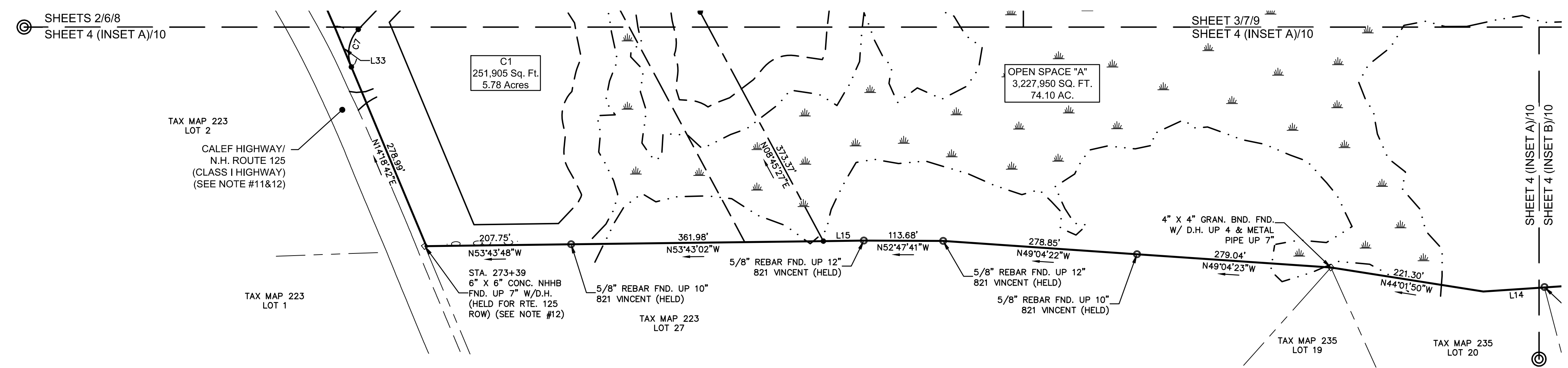
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SHEETS 2/6/8
 SHEETS 3/7/9
 SHEET 3/7/9
 SHEET 4 (INSET A)/10
 SHEET 3/7/9
 SHEET 4 (INSET B)/10
 SHEETS 8-11 NOT INTENDED FOR RECORDING



CURVE TABLE					
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C7	57.90'	50.00'	66°20'52"	S47°29'08"W	54.72'

LINE TABLE		
LINE	BEARING	DISTANCE
L12	N44°31'27"W	48.68'
L13	N39°35'08"W	104.00'
L14	N56°49'18"W	87.94'
L15	N53°43'02"W	58.09'
L33	N14°18'42"E	62.91'

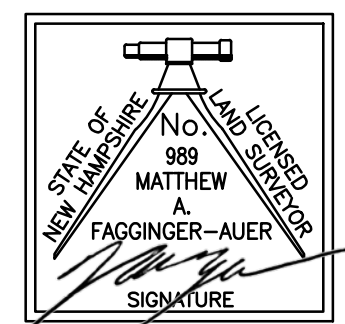


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3	4/8/20	REVISE EASEMENTS	MWF
2	2/19/20	REVISED ROAD LAYOUT	MWF
1	7/10/19	REVISIONS PER PLANNERS COMMENTS	MWF

APPROVED DATE _____
 BARRINGTON, NH
 PLANNING BOARD

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750C
JOB NO.:	5750	SHEET	4 OF 11



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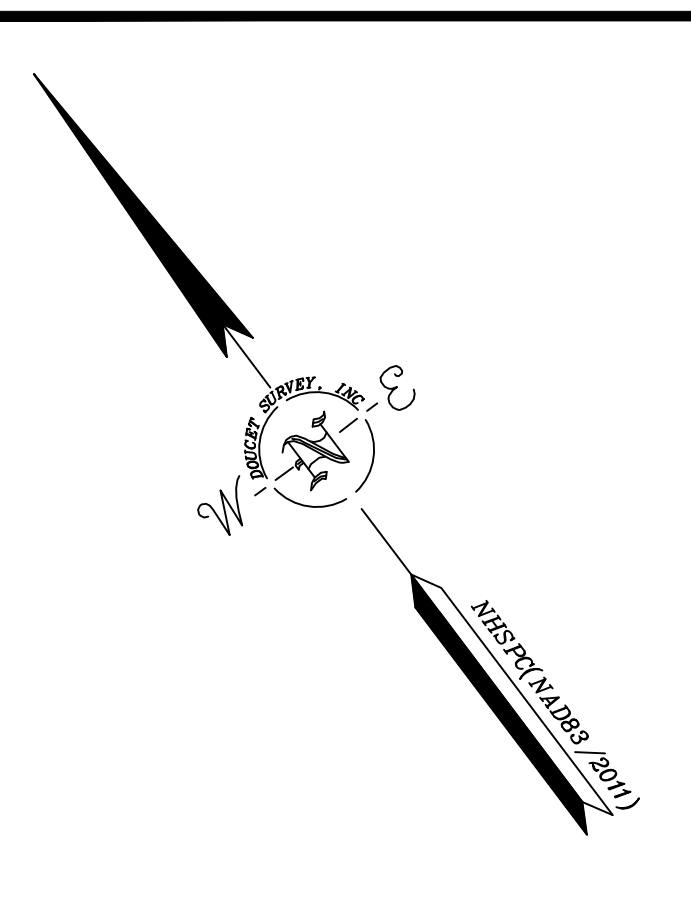
Matthew A. Fagginger-Auer
 L.L.S. #989
 DATE 10/4/20

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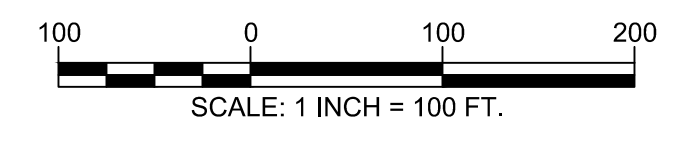
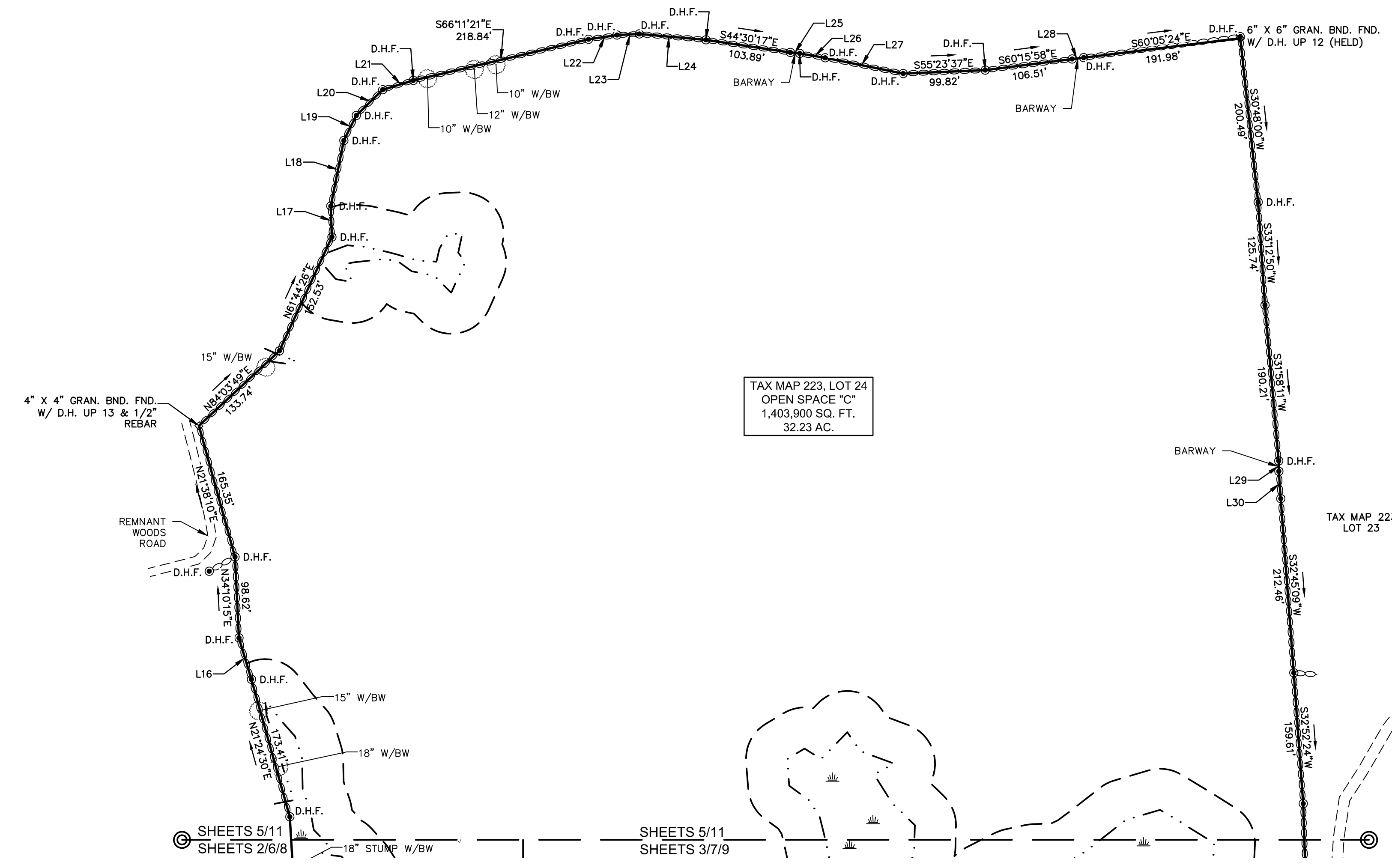
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SHEETS 8-11 NOT INTENDED FOR RECORDING

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LINE TABLE		
LINE	BEARING	DISTANCE
L16	N20°16'44"E	52.77'
L17	N34°57'03"E	37.69'
L18	N48°16'42"E	81.16'
L19	N63°13'54"E	34.02'
L20	N82°45'19"E	44.89'
L21	S70°01'07"E	38.87'
L22	S61°27'24"E	35.09'
L23	S55°44'34"E	27.06'
L24	S48°01'15"E	81.30'
L25	S47°03'41"E	11.30'
L26	S43°07'52"E	31.54'
L27	S41°38'46"E	96.76'
L28	S59°41'00"E	14.23'
L29	S36°36'49"W	12.68'
L30	S32°51'04"W	33.14'
L31	N50°46'00"W	56.83'
L32	N55°32'10"W	24.15'

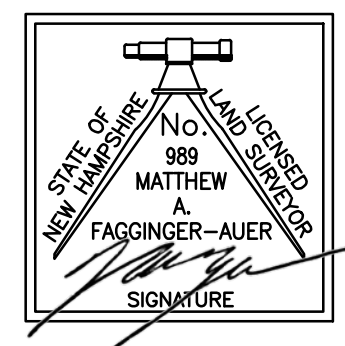


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NO.	DATE	REVISIONS PER PLANNERS COMMENTS	DESCRIPTION	MWF	BY
4	10/1/20		REVISED LAYOUT		MWF
3	4/8/20		REVISE EASEMENTS		MWF
2	2/19/20		REVISED ROAD LAYOUT		MWF
1	7/10/19		REVISIONS PER PLANNERS COMMENTS		MWF

APPROVED DATE _____
 BARRINGTON, NH
 PLANNING BOARD

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750C
JOB NO.:	5750	SHEET	5 OF 11



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Matthew A. Fagginger-Auer
 L.L.S. #989
 DATE 10/5/20

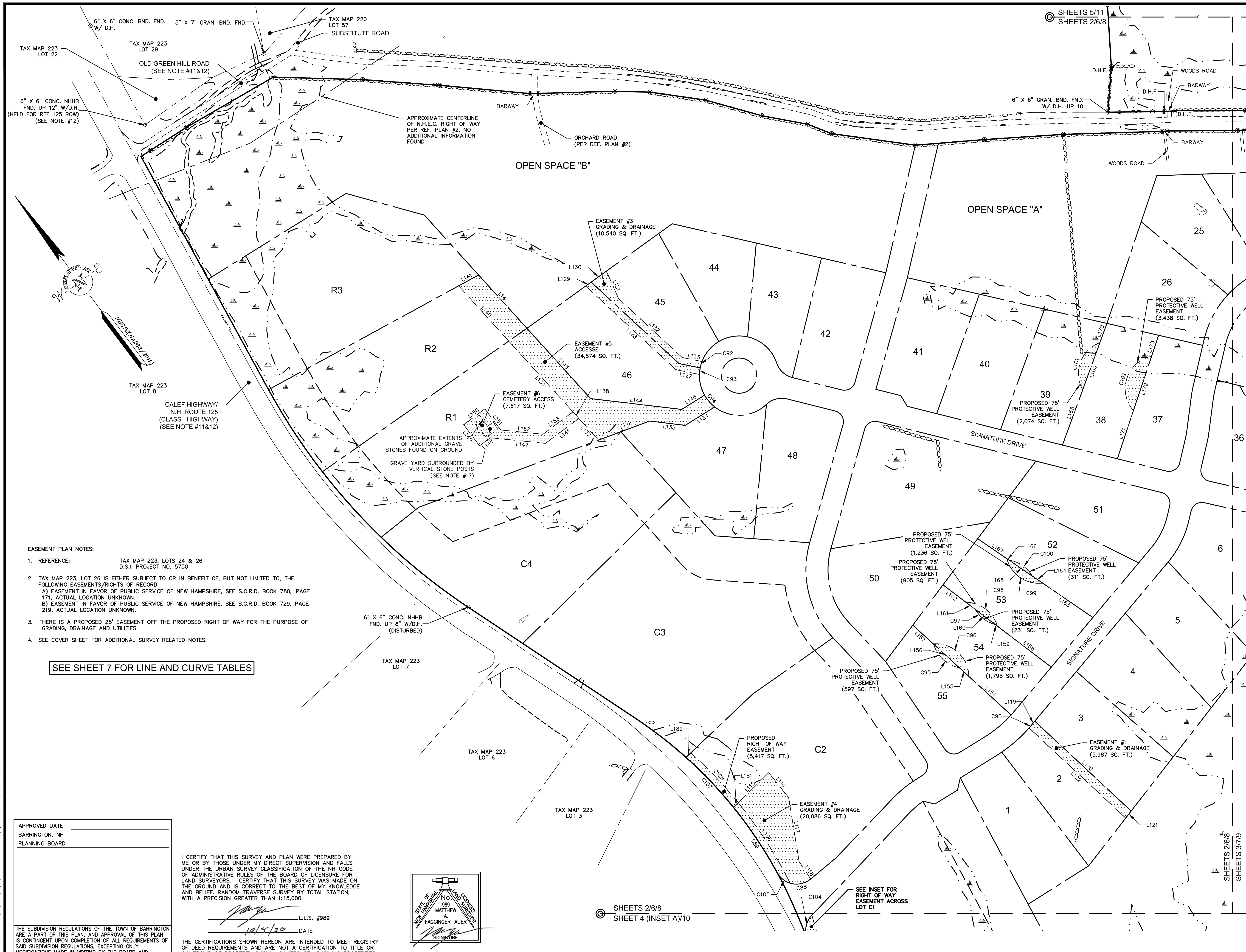
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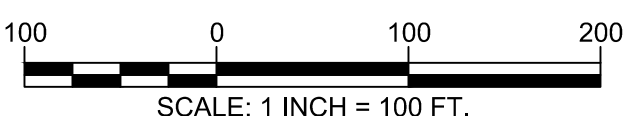
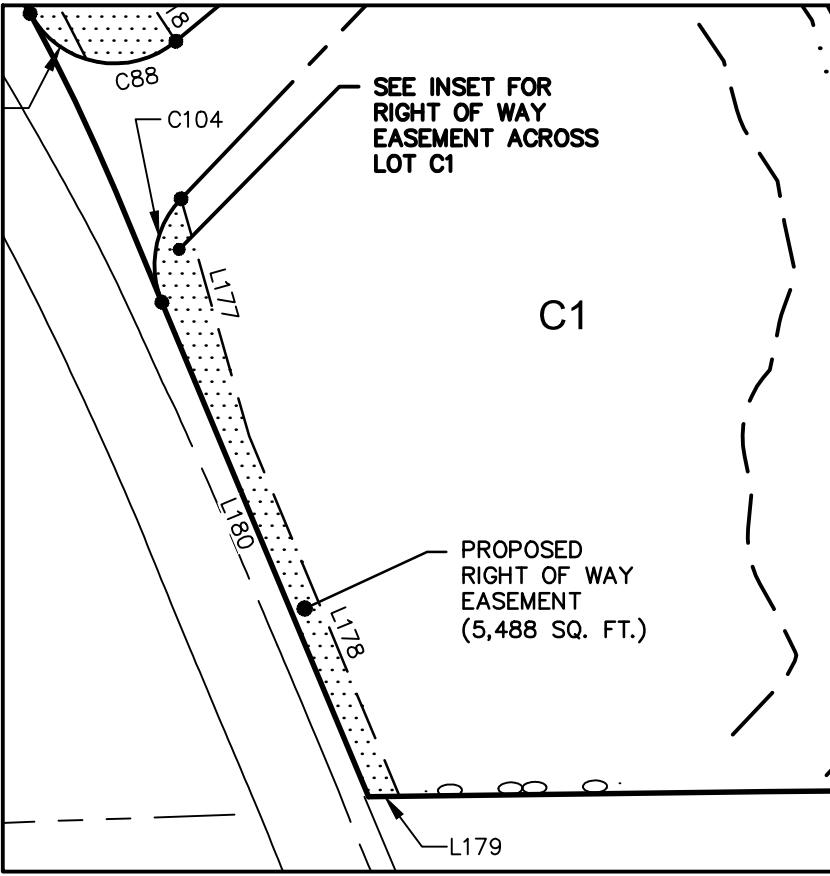
SHEETS 8-11 NOT INTENDED FOR RECORDING



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- LEGEND**
- LOT LINE
 - - - PROPOSED LOT LINE
 - - - PROPOSED EASEMENT LINE
 - - - ZONE LINE
 - - - APPROXIMATE ABUTTERS LOT LINE
 - STONE WALL
 - REMNANT STONE WALL
 - EDGE OF WETLAND
 - STREAM
 - BOUND FOUND
 - DRILL HOLE FOUND
 - IRON PIPE/ROD FOUND
 - PROPOSED 75' PROTECTIVE WELL RADIUS
 - LOT #
- LEGEND (EASTERN TOPOGRAPHICS)**
- BUILDING
 - PAVED ROAD
 - GRAVEL ROAD
 - BRIDGE
 - PAVEMENT OBTAINED
 - DRIVEWAY
 - DRIVEWAY UNPAVED
 - DRIVEWAY OBTAINED
 - FENCE OBTAINED
 - WALL OBTAINED
 - STONEMALL
 - BROOK/STREAM
 - SWAMP LIMIT



EASEMENT PLAN
"THE RIDGE AT GREEN HILL"
 FOR
 HARBOR STREET LIMITED PARTNERSHIP
 LAND OF
 PAUL C. HELFGOTT, RINA MYHRE &
 CAROL H. LEDOUX
 (TAX MAP 223, LOTS 24 & 26)
 ROUTE 125/CALEF HIGHWAY
 BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISIONS PER PLANNERS COMMENTS	MWF
4	10/1/20	REVISED LAYOUT	MWF
3	4/8/20	REVISE EASEMENTS	MWF
2	2/19/20	REVISED ROAD LAYOUT	MWF
1	7/10/19	REVISIONS PER PLANNERS COMMENTS	MWF

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750C
JOB NO.:	5750	SHEET	6 OF 11

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- EASEMENT PLAN NOTES:**
- REFERENCE: TAX MAP 223, LOTS 24 & 26 D.S.I. PROJECT NO. 5750
 - TAX MAP 223, LOT 26 IS EITHER SUBJECT TO OR IN BENEFIT OF, BUT NOT LIMITED TO, THE FOLLOWING EASEMENTS/RIGHTS OF RECORD:
 A) EASEMENT IN FAVOR OF PUBLIC SERVICE OF NEW HAMPSHIRE, SEE S.C.R.D. BOOK 780, PAGE 171, ACTUAL LOCATION UNKNOWN.
 B) EASEMENT IN FAVOR OF PUBLIC SERVICE OF NEW HAMPSHIRE, SEE S.C.R.D. BOOK 729, PAGE 219, ACTUAL LOCATION UNKNOWN.
 - THERE IS A PROPOSED 25' EASEMENT OFF THE PROPOSED RIGHT OF WAY FOR THE PURPOSE OF GRADING, DRAINAGE AND UTILITIES
 - SEE COVER SHEET FOR ADDITIONAL SURVEY RELATED NOTES.

SEE SHEET 7 FOR LINE AND CURVE TABLES

APPROVED DATE _____
 BARRINGTON, NH
 PLANNING BOARD

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.

MATHIEW FAGINGER-AUER
 SURVEYOR

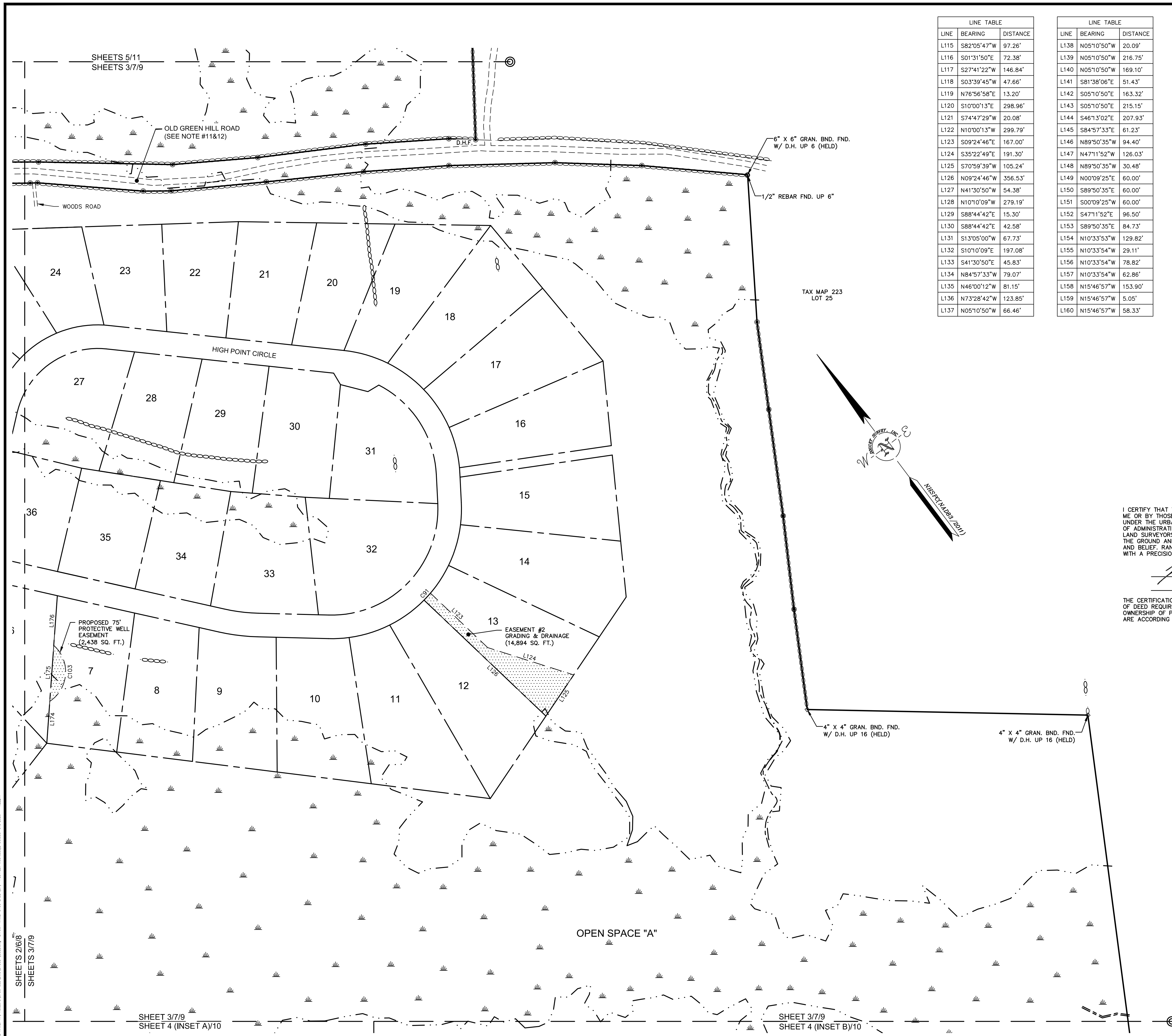
 L.L.S. #989
 DATE 10/5/20

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 CURRENT TOWN ASSESSORS RECORDS.

SHEETS 2/6/8
 SHEET 4 (INSET A)/10

SHEETS 8-11 NOT INTENDED FOR RECORDING

FILE NAME: Y:\PROJECTS\2020\CONTRACTS\5750\5750.DWG DATE: 10/5/20 PLOTTED: Thursday, October 08, 2020 8:11 AM



LINE	BEARING	DISTANCE
L115	S82°05'47"W	97.26'
L116	S01°31'50"E	72.38'
L117	S27°41'22"W	146.84'
L118	S03°39'45"W	47.66'
L119	N76°56'58"E	13.20'
L120	S10°00'13"E	298.96'
L121	S74°47'29"W	20.08'
L122	N10°00'13"W	299.79'
L123	S09°24'46"E	167.00'
L124	S35°22'49"E	191.30'
L125	S70°59'39"W	105.24'
L126	N09°24'46"W	356.53'
L127	N41°30'50"W	54.38'
L128	N10°10'09"W	279.19'
L129	S88°44'42"E	15.30'
L130	S88°44'42"E	42.58'
L131	S13°05'00"W	67.73'
L132	S10°10'09"E	197.08'
L133	S41°30'50"E	45.83'
L134	N84°57'33"W	79.07'
L135	N46°00'12"W	81.15'
L136	N73°28'42"W	123.85'
L137	N05°10'50"W	66.46'

LINE	BEARING	DISTANCE
L138	N05°10'50"W	20.09'
L139	N05°10'50"W	216.75'
L140	N05°10'50"W	169.10'
L141	S81°38'06"E	51.43'
L142	S05°10'50"E	163.32'
L143	S05°10'50"E	215.15'
L144	S46°13'02"E	207.93'
L145	S84°57'33"E	61.23'
L146	N89°50'35"W	94.40'
L147	N47°11'52"W	126.03'
L148	N89°50'35"W	30.48'
L149	N00°09'25"E	60.00'
L150	S89°50'35"E	60.00'
L151	S00°09'25"W	60.00'
L152	S47°11'52"E	96.50'
L153	S89°50'35"E	84.73'
L154	N10°33'53"W	129.82'
L155	N10°33'54"W	29.11'
L156	N10°33'54"W	78.82'
L157	N10°33'54"W	62.86'
L158	N15°46'57"W	153.90'
L159	N15°46'57"W	5.05'
L160	N15°46'57"W	58.33'

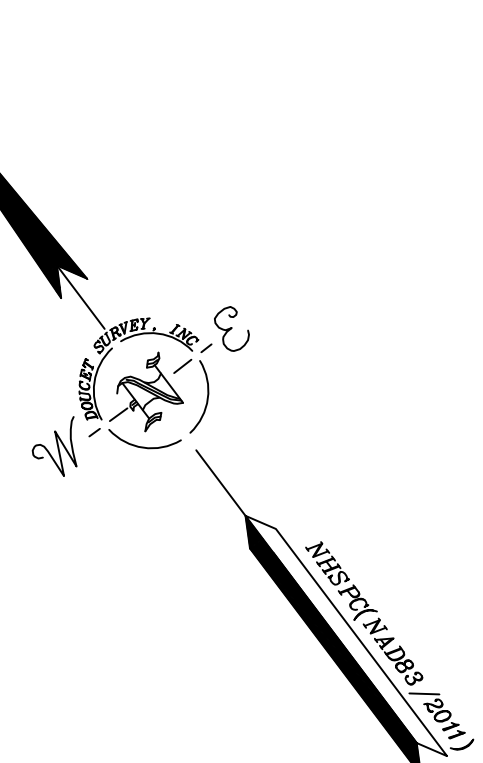
LINE	BEARING	DISTANCE
L161	N15°46'57"W	26.17'
L162	N15°46'57"W	65.08'
L163	N18°38'04"W	138.20'
L164	N18°38'04"W	28.48'
L165	N18°38'04"W	64.12'
L166	N18°38'04"W	5.70'
L167	N18°38'04"W	80.19'
L168	N57°03'47"E	133.54'
L169	N57°03'47"E	113.95'
L170	N57°03'47"E	46.35'
L171	N55°29'37"E	115.37'
L172	S55°29'37"W	129.75'
L173	N55°29'37"E	50.35'
L174	S41°04'59"W	89.01'
L175	N41°04'59"E	119.01'
L176	N41°04'59"E	105.69'
L177	S20°59'18"W	128.51'
L178	S14°18'42"W	203.21'
L179	N53°43'48"W	16.17'
L180	N14°18'42"E	278.99'
L181	S82°05'47"W	15.08'
L182	N83°29'45"E	15.05'

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C88	49.37'	50.00'	56°34'19"	S64°29'36"E	47.39'
C89	177.78'	987.93'	10°18'38"	N03°12'59"E	177.54'
C90	6.83'	325.00'	1°12'13"	N77°33'04"E	6.83'
C91	20.01'	275.00'	4°10'07"	N79°31'17"E	20.00'
C92	15.06'	90.00'	9°35'26"	S53°01'36"W	15.05'
C93	15.08'	90.00'	9°35'52"	S43°25'57"W	15.06'
C94	35.66'	90.00'	22°41'57"	S03°49'22"E	35.42'
C95	82.99'	75.00'	63°23'53"	S10°33'54"E	78.82'
C96	122.71'	75.00'	93°44'49"	N10°33'55"W	109.48'
C97	59.91'	75.00'	45°45'52"	S15°46'57"E	58.33'
C98	95.96'	75.00'	73°18'31"	N15°46'57"W	89.55'
C99	107.20'	75.00'	81°53'37"	S18°38'04"E	98.30'
C100	66.25'	75.00'	50°38'40"	N18°38'04"W	64.12'
C101	129.42'	75.00'	98°52'17"	S57°03'47"W	113.95'
C102	156.77'	75.00'	119°46'00"	S55°29'37"W	129.75'
C103	137.45'	75.00'	105°00'09"	N41°04'59"E	119.01'
C104	57.90'	50.00'	66°20'52"	S47°29'08"W	54.72'
C105	38.90'	50.00'	44°34'44"	S13°55'04"E	37.93'
C106	217.15'	1002.93'	12°24'19"	N04°10'27"E	216.73'
C107	157.27'	987.93'	9°07'16"	N06°29'58"W	157.10'
C108	156.90'	1002.93'	8°57'48"	N06°30'36"W	156.74'

TAX MAP 223 LOT 25

4" X 4" GRAN. BND. FND. W/ D.H. UP 16 (HELD)

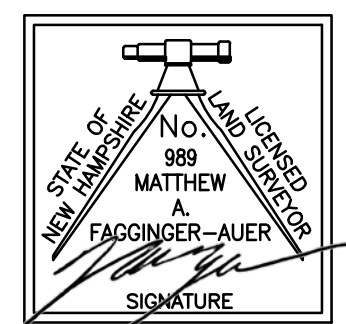
4" X 4" GRAN. BND. FND. W/ D.H. UP 16 (HELD)



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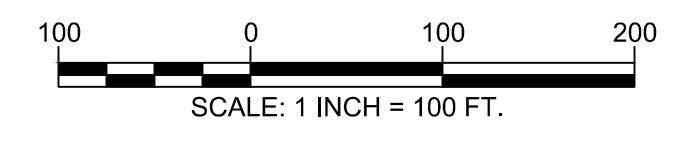
[Signature] L.L.S. #989
10/4/20 DATE

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APPROVED DATE
BARRINGTON, NH
PLANNING BOARD

THE SUBDIVISION REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



EASEMENT PLAN
"THE RIDGE AT GREEN HILL"
FOR
HARBOR STREET LIMITED PARTNERSHIP
LAND OF
PAUL C. HELFGOTT, RINA MYHRE &
CAROL H. LEDOUX
(TAX MAP 223, LOTS 24 & 26)
ROUTE 125/CALEF HIGHWAY
BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISIONS PER PLANNERS COMMENTS	DESCRIPTION	BY
4	10/1/20		REVISED LAYOUT	MWF
3	4/8/20		REVISE EASEMENTS	MWF
2	2/19/20		REVISED ROAD LAYOUT	MWF
1	7/10/19		REVISIONS PER PLANNERS COMMENTS	MWF

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750C
JOB NO.:	5750	SHEET	7 OF 11

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SHEETS 2/6/8
SHEETS 3/7/9

SHEET 3/7/9
SHEET 4 (INSET A)/10

SHEET 3/7/9
SHEET 4 (INSET B)/10

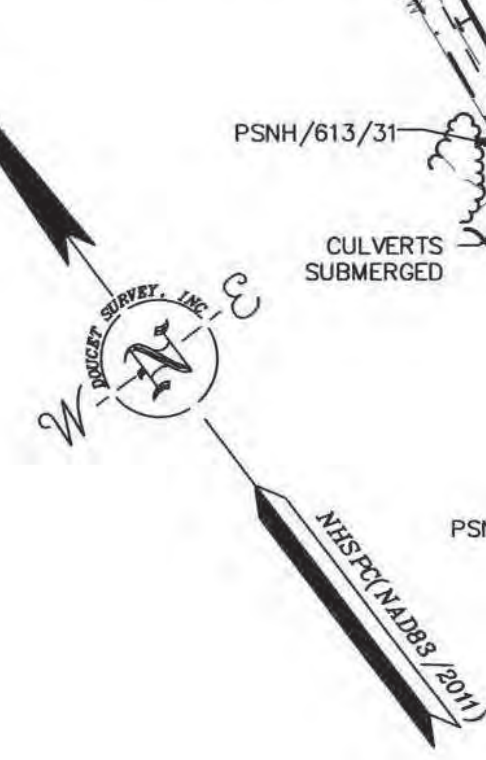
SHEETS 8-11 NOT INTENDED FOR RECORDING



SHEETS 5/11
SHEETS 2/6/8

- LEGEND**
- LOT LINE
 - APPROXIMATE ABUTTERS LOT LINE
 - STONE WALL
 - REMNANT STONE WALL
 - EDGE OF WETLAND
 - STREAM
 - TREE STUMP
 - DECIDUOUS TREE
 - CATCH BASIN
 - BARBED WIRE
 - CONC.
 - GRAN.
 - WETLAND SYMBOL

- LEGEND (EASTERN TOPOGRAPHICS)**
- BUILDING
 - PAVED ROAD
 - GRAVEL ROAD
 - GUARDRAIL
 - BRIDGE
 - PAVEMENT OBSCURED
 - DRIVEWAY
 - DRIVEWAY UNPAVED
 - DRIVEWAY OBSCURED
 - PAINTED LINE
 - FENCE OBSCURED
 - WALL OBSCURED
 - STONEWALL
 - BROOK/STREAM
 - SWAMP LIMIT
 - CULVERT HEADWALL
 - DITCH
 - WATER OBSCURED
 - TREELINE
 - BRUSH
 - DENSE WOOD LIMIT
 - ROCK OUTLINE
 - ROCK OUTCROP
 - GUARDRAIL OBSCURED
 - CULVERT OBSCURED
 - UTILITY POLE
 - OBSCURED UPOLE
 - SWAMP GRASS
 - MEDIUM LONE TREE
 - SPOT ELEVATION



LAND LICENSED SURVEYOR

No. 989

MATHEW FAGGNER-AUER

SIGNATURE

SCALE: 1 INCH = 100 FT.

TOPOGRAPHIC PLAN
"THE RIDGE AT GREEN HILL"
 FOR
 HARBOR STREET LIMITED PARTNERSHIP
 LAND OF
 PAUL C. HELFGOTT, RINA MYHRE &
 CAROL H. LEDOUX
 (TAX MAP 223, LOTS 24 & 26)
 ROUTE 125/CALEF HIGHWAY
 BARRINGTON, NEW HAMPSHIRE

NO.	DATE	REVISIONS PER PLANNERS	COMMENTS	MWF BY
1	7/10/19			

DRAWN BY:	E.D.P.	DATE:	MAY 6, 2019
CHECKED BY:	M.W.F.	DRAWING NO.:	5750B
JOB NO.:	5750	SHEET	8 OF 11

DOUCET SURVEY

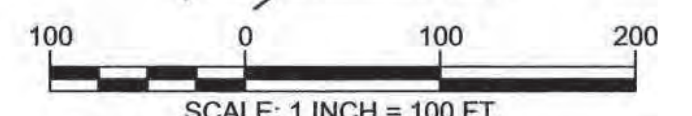
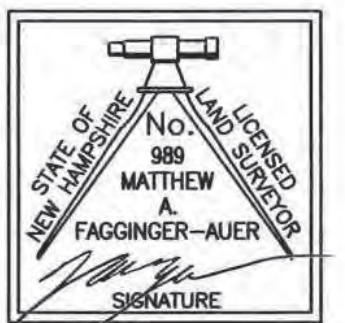
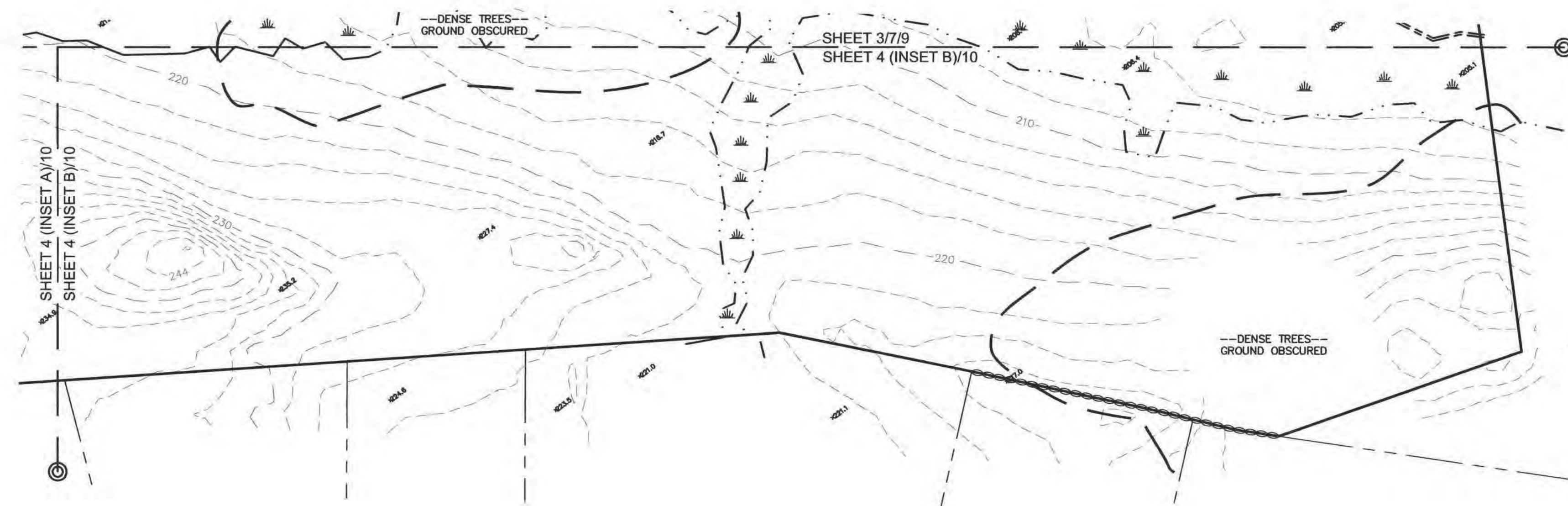
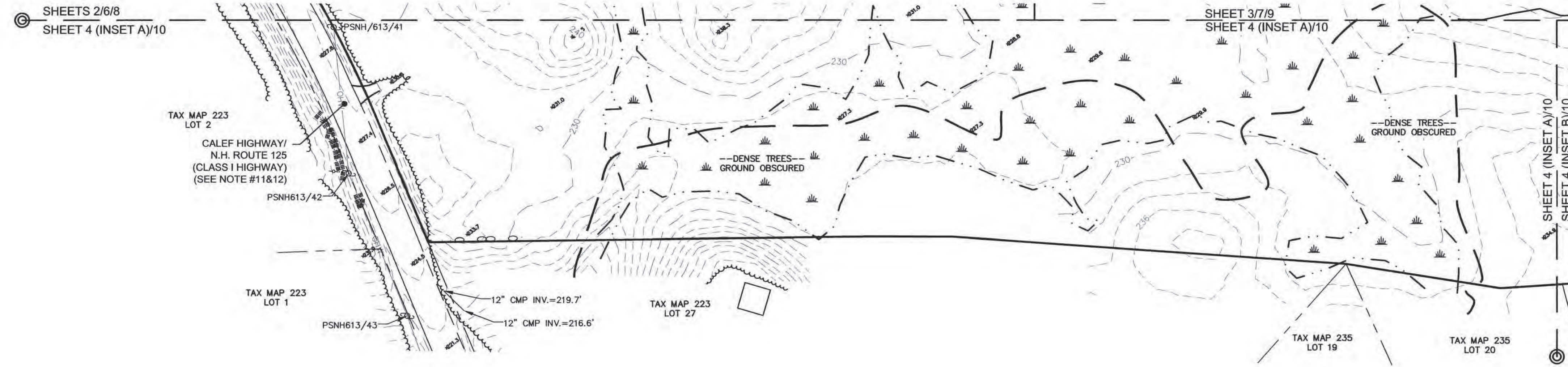
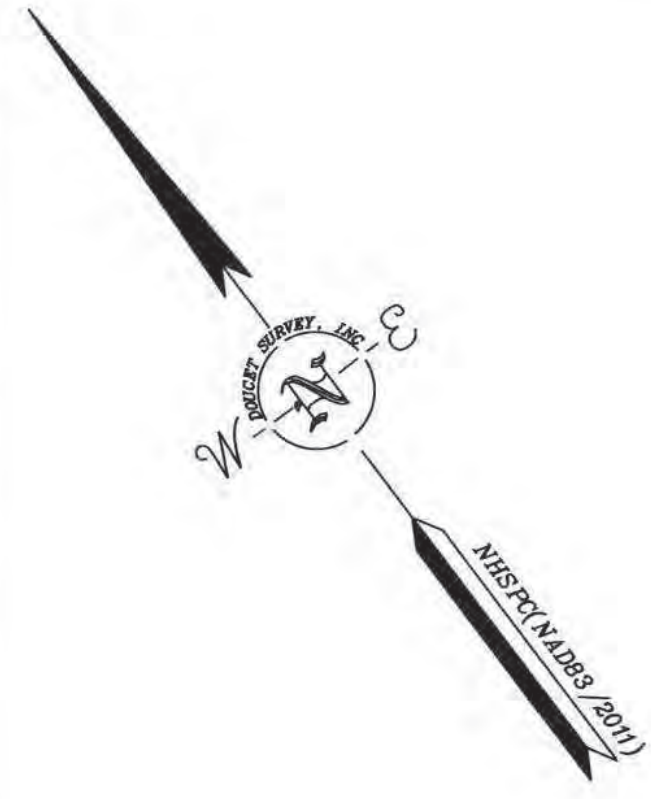
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SHEETS 2/6/8
SHEET 4 (INSET A)/10

SHEETS 7-10 NOT INTENDED FOR RECORDING

FILE NAME: \\P:\PROJECTS\2019\5750\5750.dwg; PLOT DATE: 12/20/2019 10:00:00 AM; PLOTTER: THERMO; PLOT SIZE: 11.0000 x 17.0000



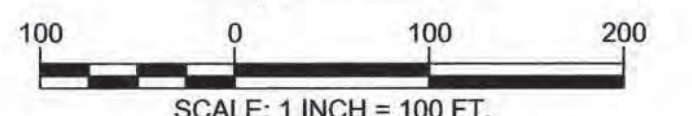
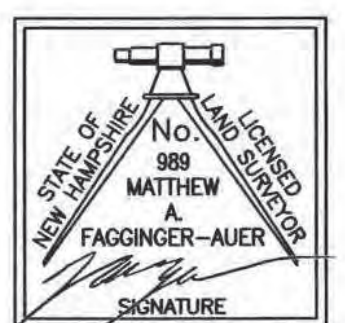
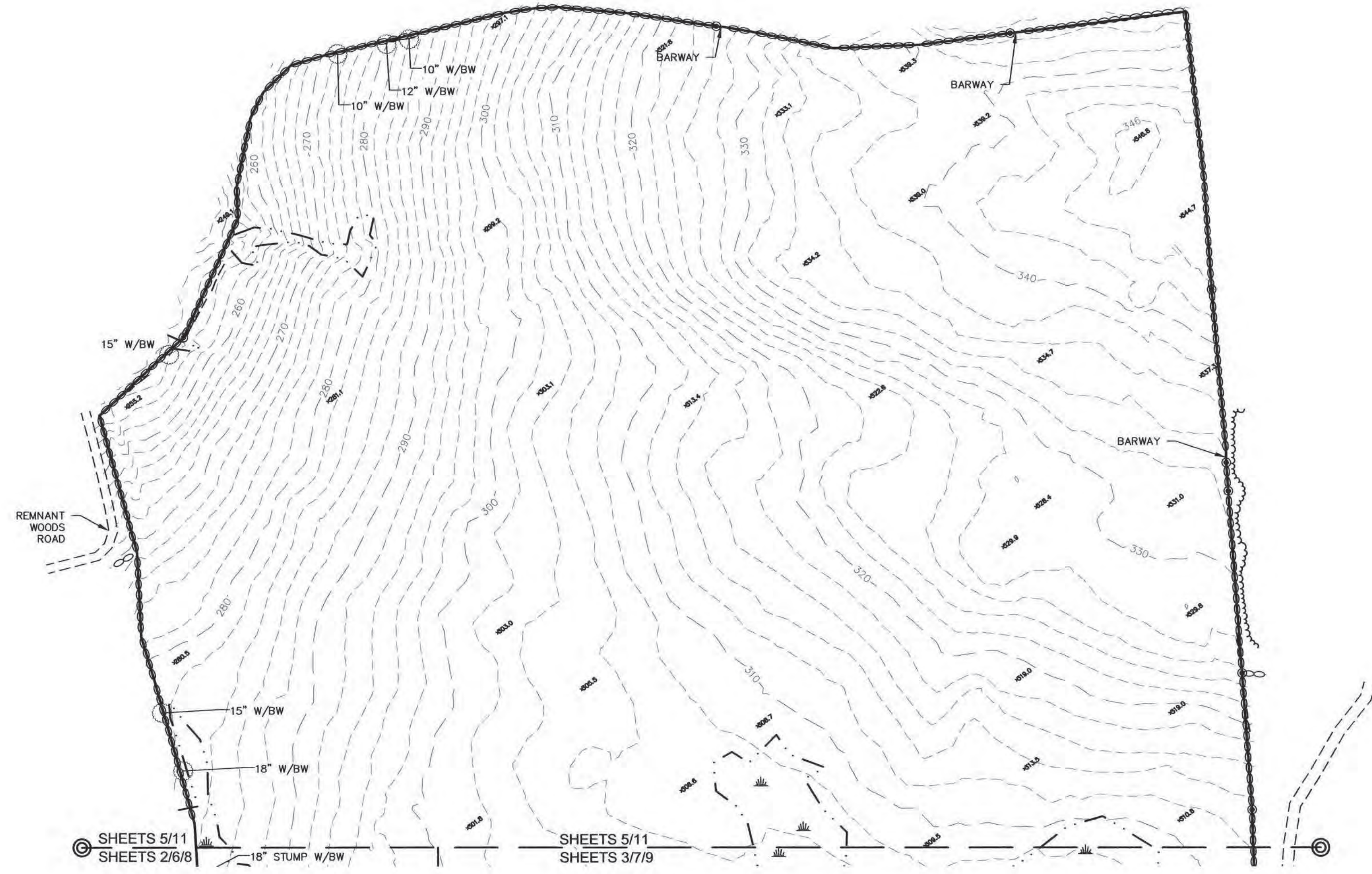
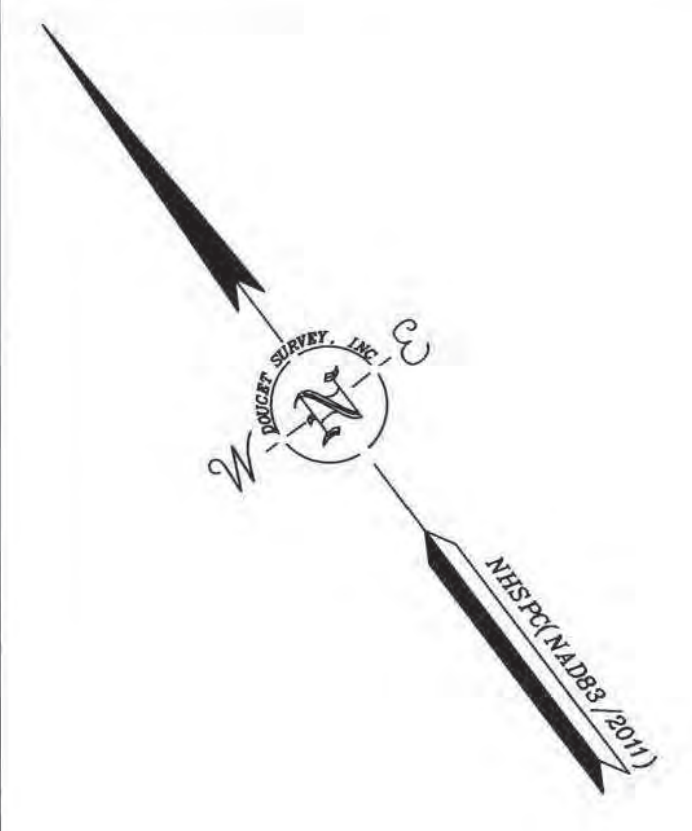
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JOB NO.:	5750	SHEET	10 OF 11

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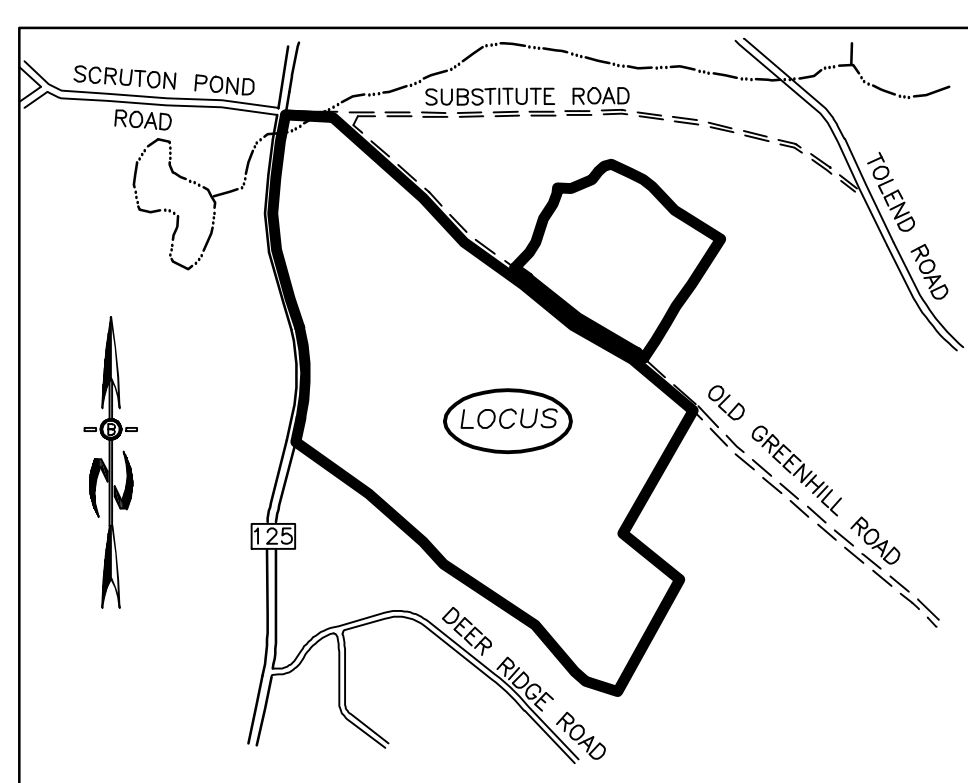
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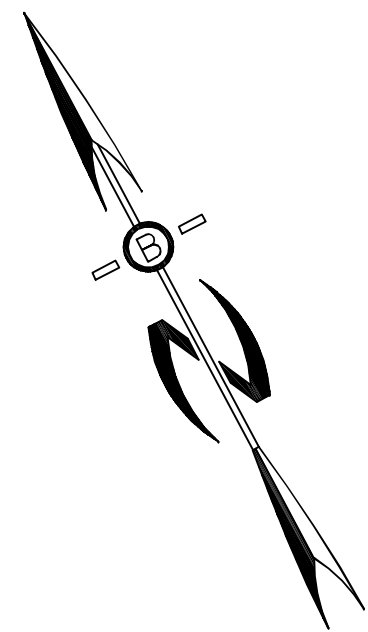
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LOCATION MAP
1"=1500'



ZONING REQUIREMENTS

ZONE: REGIONAL COMMERCIAL
 CONSERVATION SUBDIVISION
 MIN. PARENT PARCEL = 20.0 AC.
 MIN. LOT SIZE = 20,000 SF
 MIN. WIDTH = 75' @ FRONT SETBACK
 MIN. PERIMETER BUFFER = 100'
 MAX. HEIGHT = 35'

BUILDING SETBACKS:

FRONT 25'
 SIDE & REAR 20'
 WETLANDS 50'
 LEACH FIELD SETBACKS 50'
 POORLY DRAINED SOILS 50'
 VERY POORLY DRAINED SOILS 75'

PREPARED FOR:

ROUTE 125 DEVELOPMENT, LLC
 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

NOTES

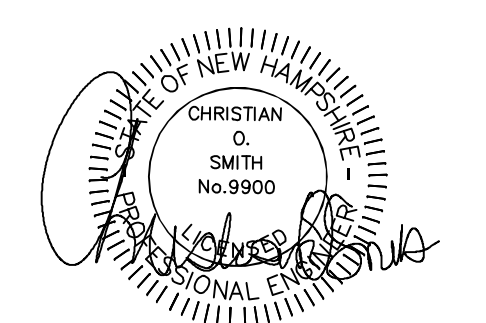
- UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN LOCATED FROM FIELD OBSERVATIONS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. BEALS ASSOCIATES OR ANY OF THEIR EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN, THAT MAY EXIST. 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. REFERENCE BENCHMARK:
- 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.
- DISTURBANCE IS OVER 100,000 SQ. FT. ALTERATION OF TERRAIN PERMIT RSA 485:A-17 IS REQUIRED.
- ALL FERTILIZER SHALL BE NO-PHOSPHATE, SLOW RELEASE NITROGEN AND SHALL NOT INCREASE ANY FERTILIZER LOADING OF THE PRIME WETLAND.

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.



LEGEND

	UTILITY POLE
	TEST PIT W/ NO.
	PROP. FIRE CISTERNS
	STONE WALL
	TREE LINE
	EXISTING CONTOUR - 10'
	EXISTING CONTOUR - 2'
	OVERHEAD UTILITIES
	SOILS BOUNDARY LINE
	BUILDING SETBACK LINE
	SEPTIC SETBACK LINE
	STREAM
	WETLAND BOUNDARY
	ABUTTING PROPERTY LINE
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

OPEN SPACE CALCS:
 TOTAL RESIDENTIAL LOT AREA = 179.91 AC.
 REQUIRED OPEN SPACE = 50% OR 89.9 AC.
 MIN. REQUIRED UPLAND AREA = 50% OR 44.9 AC.
 OPEN SPACE PROVIDED = 117.1 AC.
 UPLAND AREA PROVIDED = 85.65 AC.

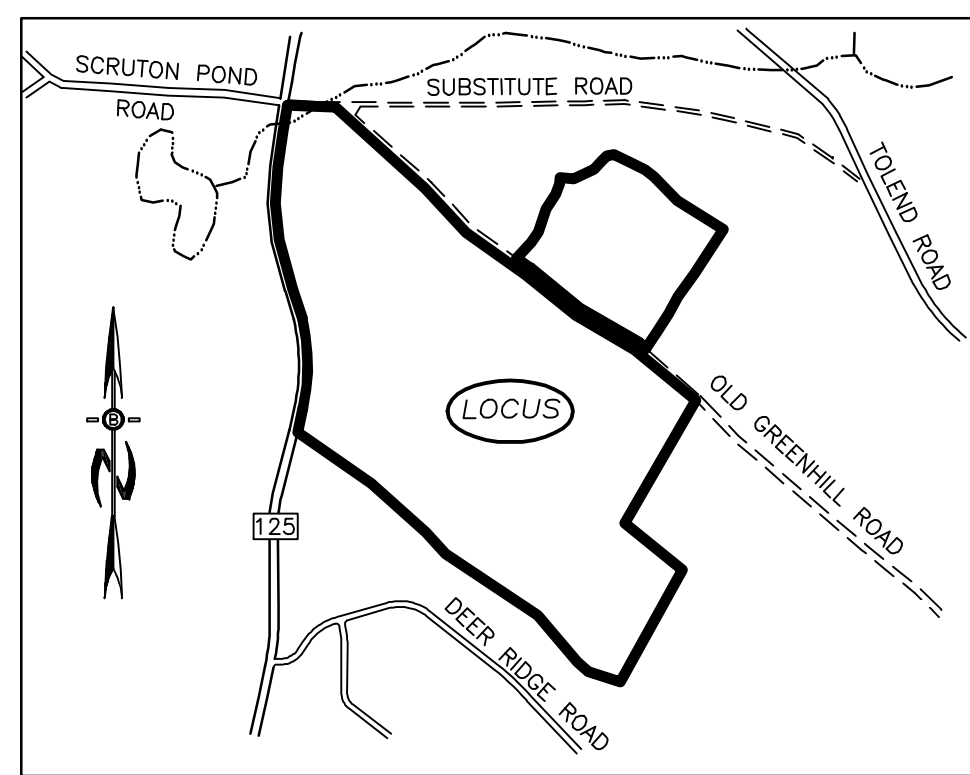
APPROVAL BLOCK

APPROVED TOWN OF BARRINGTON PLANNING BOARD

CHAIRPERSON _____ DATE _____



REVISED ACCESS DESIGN	10-8-20
REVISED PER REVIEW COMMENTS	6-20-19
REVISIONS:	DATE:
OPEN SPACE SUBDIVISION	
PLAN FOR: RESIDENTIAL DEVELOPMENT RT. 125 / OLD GREEN HILL RD. BARRINGTON, NH	
DATE: MAY 2019	SCALE: 1"=150'
PROJ. NO: NH-1144	SHEET NO. 12 OF 37



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
- SEPTIC SETBACK LINE
- STREAM
- WETLAND BOUNDARY
- ABUTTING PROPERTY LINE
- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- 4000 SF SEPTIC RESERVE AREA
- PROP. WELL W/
75' PROTECTIVE RAD.
- PROP. FIRE
CISTERN

HISS 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 MARCH 2019, AND WAS PREPARED BY LUKE HURLEY, 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	HIGH INTENSITY SOIL TYPES	HYDROLOGIC GROUP
NEWFIELDS	444	(321)	B
PAXTON	66	(223)	C
WOODBURY	29	(323)	C
RIDGEBURY	656	(423)	C
WET RIDGEBURY	656/P	(523)	C
WHITNUM	49/VP	(623)	D

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

APPROVAL BLOCK

APPROVED TOWN OF BARRINGTON PLANNING BOARD

CHAIRPERSON _____ DATE _____



PREPARED FOR:
ROUTE 125 DEVELOPMENT, LLC
JOSEPH FALZONE
7B EMERY LANE
STRATHAM, N.H. 03885

BEALS ASSOCIATES PLLC

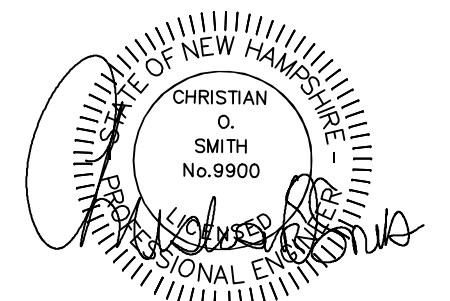
70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
PHONE: 603-583-4860, FAX: 603-583-4863

ZONING REQUIREMENTS

ZONE: REGIONAL COMMERCIAL
CONSERVATION SUBDIVISION
MIN. PARENT PARCEL = 20.0 AC.
MIN. LOT SIZE = 20,000 SF
MIN. WIDTH = 75' @ FRONT SETBACK
MIN. PERIMETER BUFFER = 100'
MAX. HEIGHT = 35'

BUILDING SETBACKS:

FRONT 25'
SIDE & REAR 20'
WETLANDS 50'
LEACH FIELD SETBACKS
POORLY DRAINED SOILS 50'
VERY POORLY DRAINED SOILS 75'

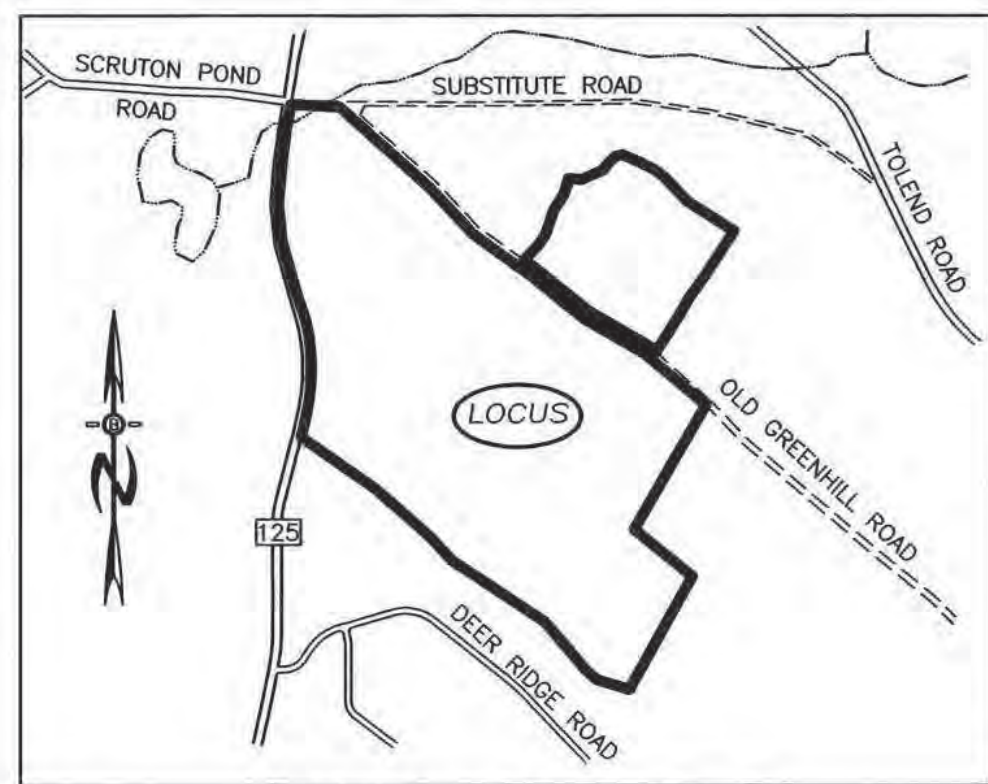


REVISED FUTURE ACCESS	11-5-20
REVISED ACCESS DESIGN	10-8-20
REVISED PER NHDOT COMMENTS	2-18-20
REVISED PER REVIEW COMMENTS	6-20-19
REVISIONS:	DATE:

OPEN SPACE SUBDIVISION

PLAN FOR:
RESIDENTIAL DEVELOPMENT
RT. 125 / OLD GREEN HILL RD.
BARRINGTON, NH

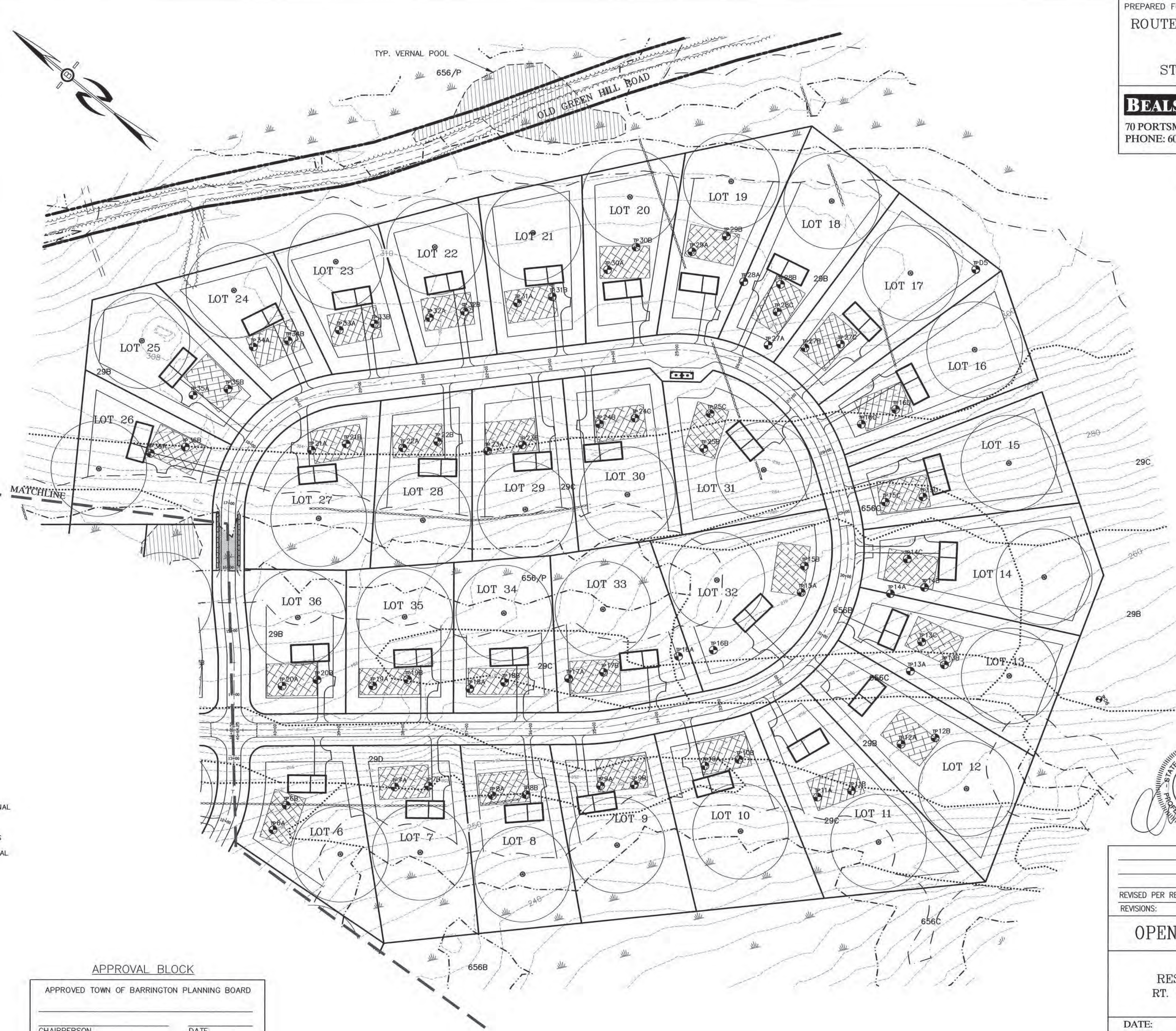
DATE:	JAN. 2019	SCALE:	1"=80'
PROJ. NO.:	NH-1144	SHEET NO.:	13 OF 37



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
- SEPTIC SETBACK LINE
- STREAM
- WETLAND BOUNDARY
- ABUTTING PROPERTY LINE
- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- 4000 SF SEPTIC RESERVE AREA
- PROP. WELL W/ 75' PROTECTIVE RAD.



PREPARED FOR:
ROUTE 125 DEVELOPMENT, LLC
JOSEPH FALZONE
7B EMERY LANE
STRATHAM, N.H. 03885

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MIN. WIDTH = 75' @ FRONT SETBACK
MIN. PERIMETER BUFFER = 100'
MAX. HEIGHT = 35'

BUILDING SETBACKS:
FRONT 25'
SIDE & REAR 20'
WETLANDS 50'
LEACH FIELD SETBACKS
POORLY DRAINED SOILS 50'
VERY POORLY DRAINED SOILS 75'

HISS STANDARDS:
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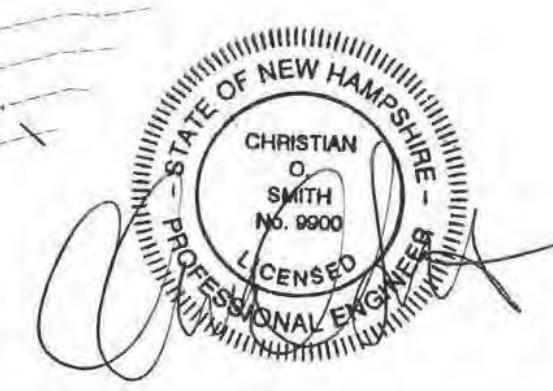
SLOPE CLASS:
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25-50% = E
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/P = POORLY DRAINED SOIL
/VP = VERY POORLY DRAINED

APPROVAL BLOCK

APPROVED TOWN OF BARRINGTON PLANNING BOARD

CHAIRPERSON _____ DATE _____

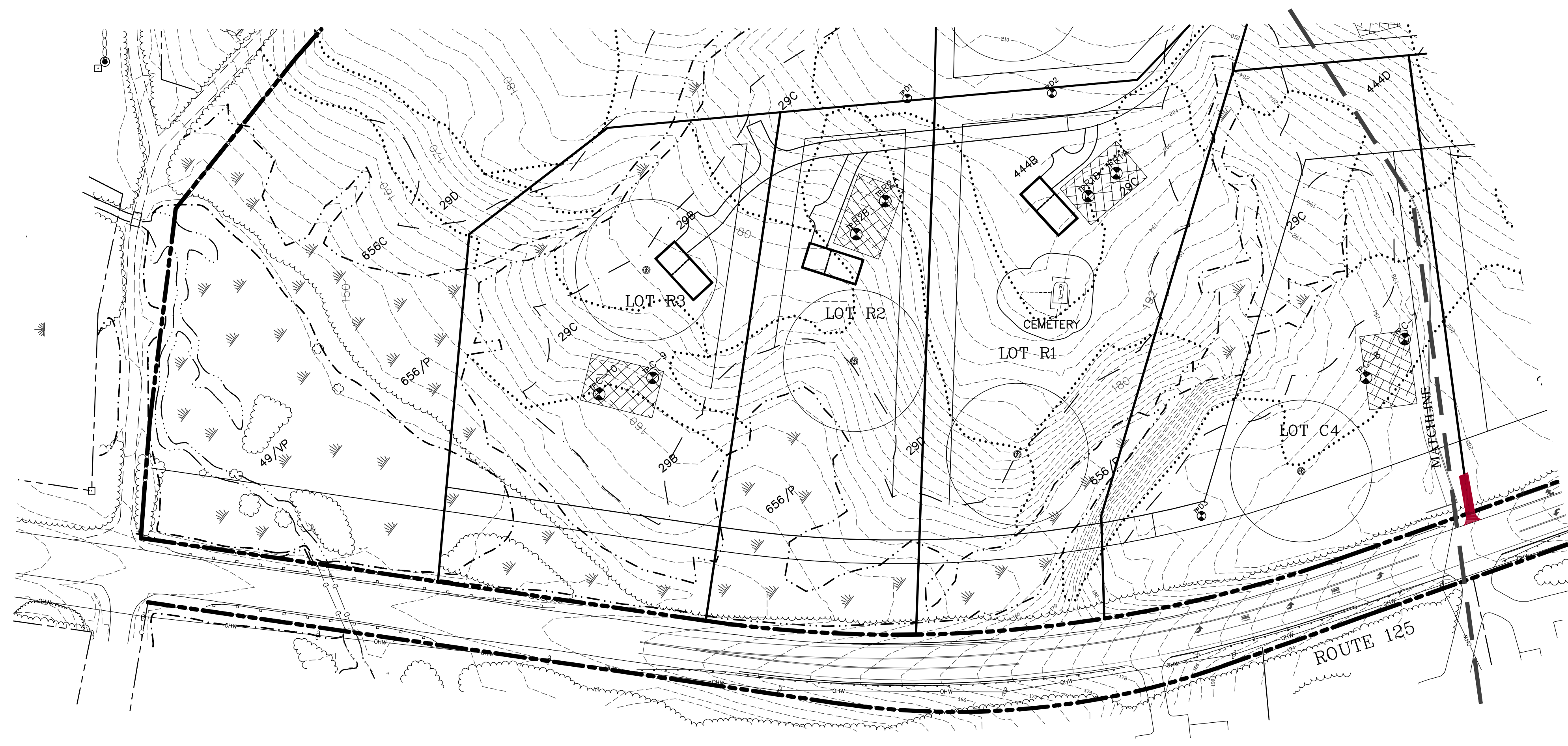
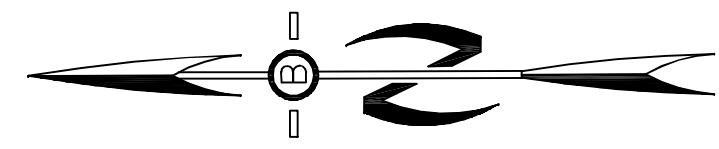


REVISED PER REVIEW COMMENTS	6-20-19
REVISIONS:	DATE:

OPEN SPACE SUBDIVISION

PLAN FOR:
RESIDENTIAL DEVELOPMENT
RT. 125 / OLD GREEN HILL RD.
BARRINGTON, NH

DATE:	JAN. 2019	SCALE:	1"=80'
PROJ. NO.:	NH-1144	SHEET NO.:	14 OF 37



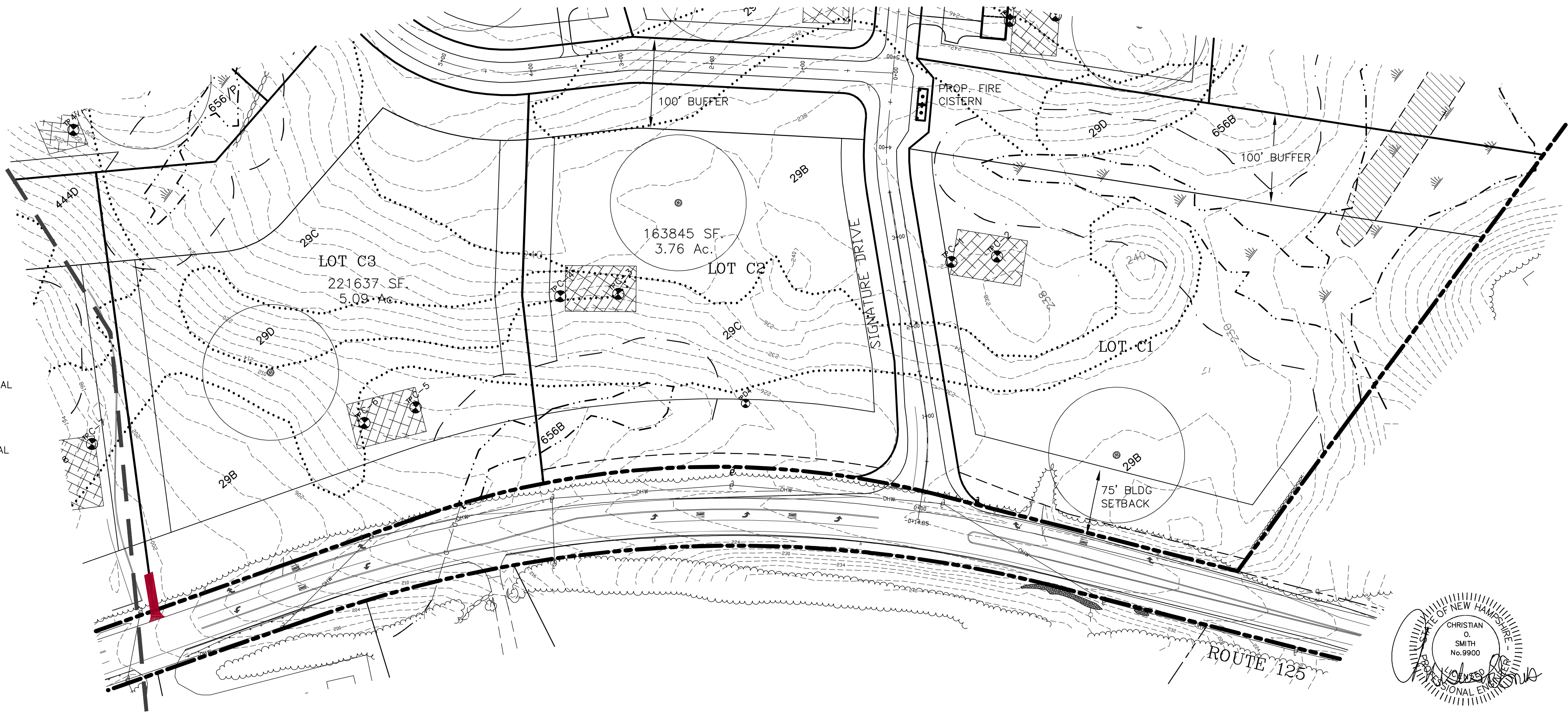
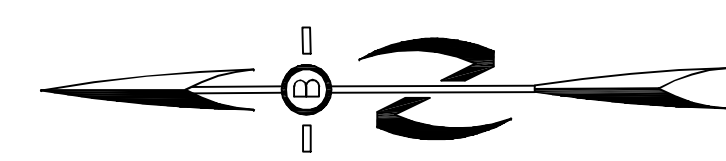
PREPARED FOR:
ROUTE 125 DEVELOPMENT, LLC
 JOSEPH FALZONE
 7B EMERY LANE
 STRATHAM, N.H. 03885

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

ZONING REQUIREMENTS

ZONE: REGIONAL COMMERCIAL

USE:	RESIDENTIAL	COMMERCIAL
MIN. LOT SIZE =	80,000 SF	40,000 SF
MIN. FRONTAGE =	200'	200'
MAX. HEIGHT =	35'	40'
BUILDING SETBACKS:		
FRONT	40'	75'
SIDE & REAR	30'	30'
POORLY DRAINED SOILS		50'
VERY POORLY DRAINED SOILS		100'
LEACH FIELD SETBACKS		
POORLY DRAINED SOILS		50'
VERY POORLY DRAINED SOILS		100'



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APPROVAL BLOCK

APPROVED TOWN OF BARRINGTON PLANNING BOARD

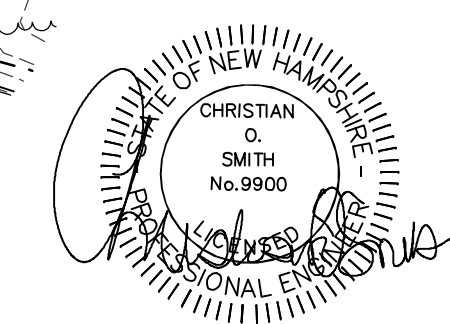
CHAIRPERSON _____ DATE _____

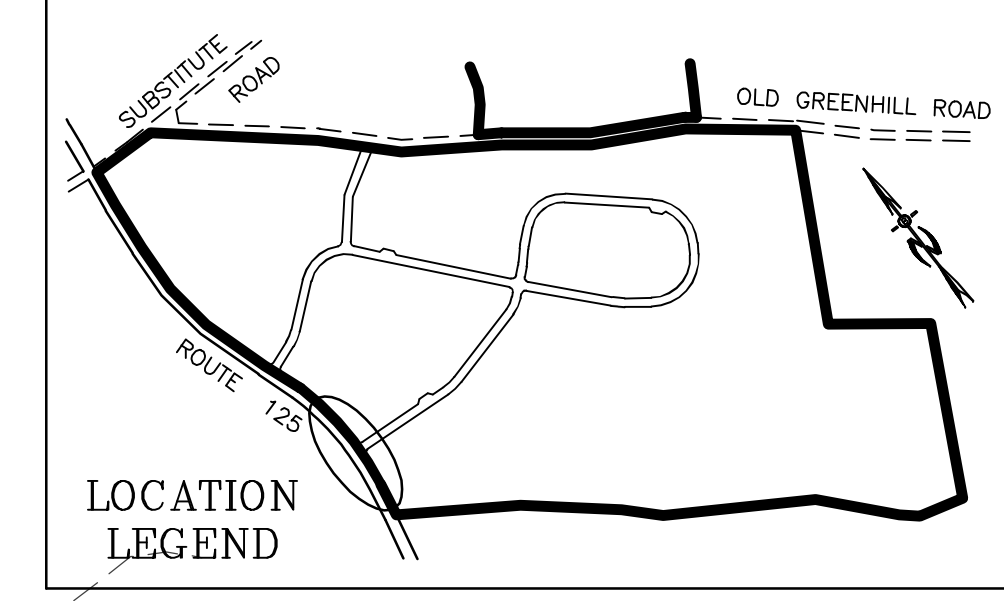
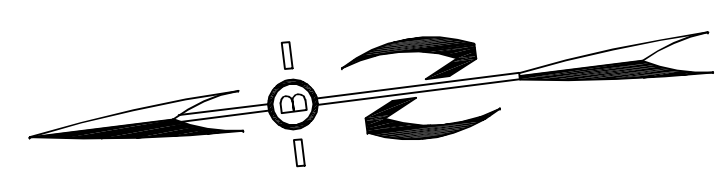
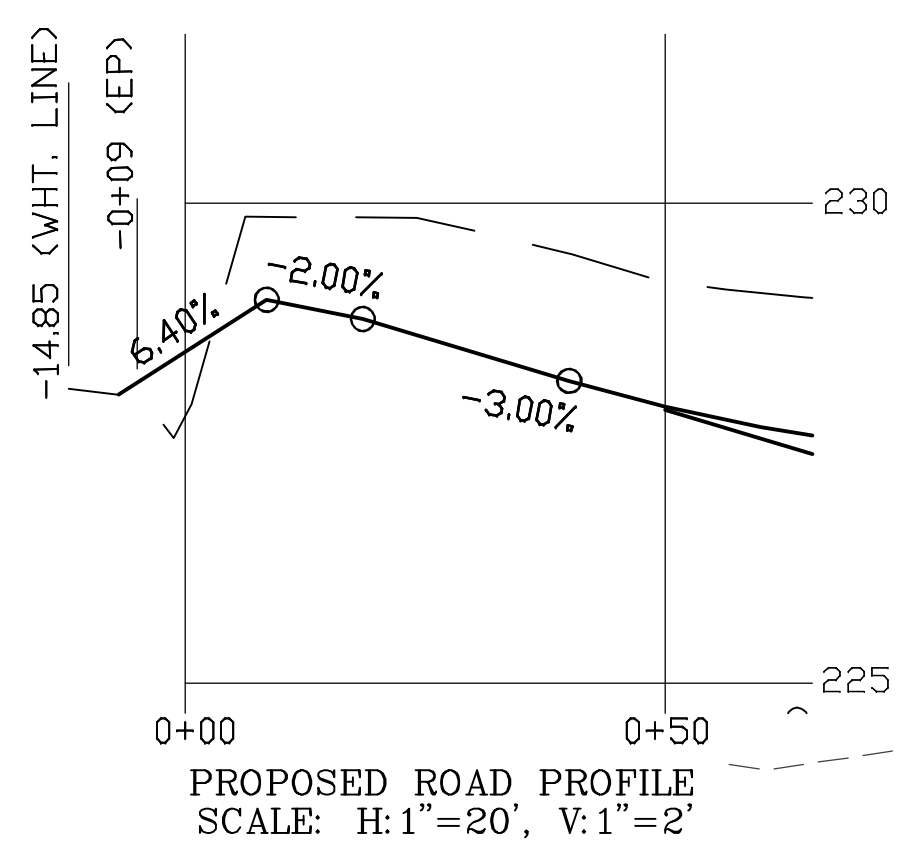
REVISED ACCESS DESIGN	10-8-20
REVISED PER NHDOT COMMENTS	2-18-20
REVISED PER REVIEW COMMENTS	6-20-19
REVISIONS:	DATE:

COMMERCIAL LOTS SITE PLAN

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

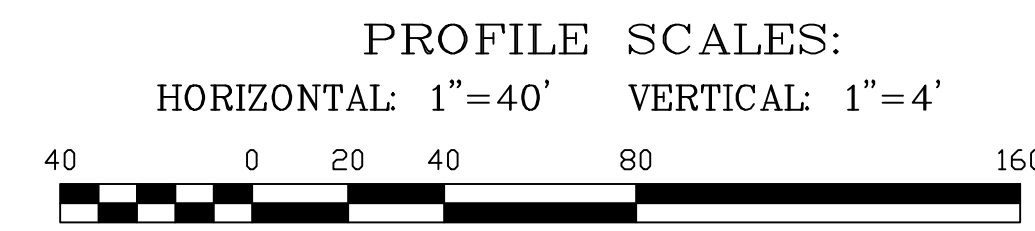
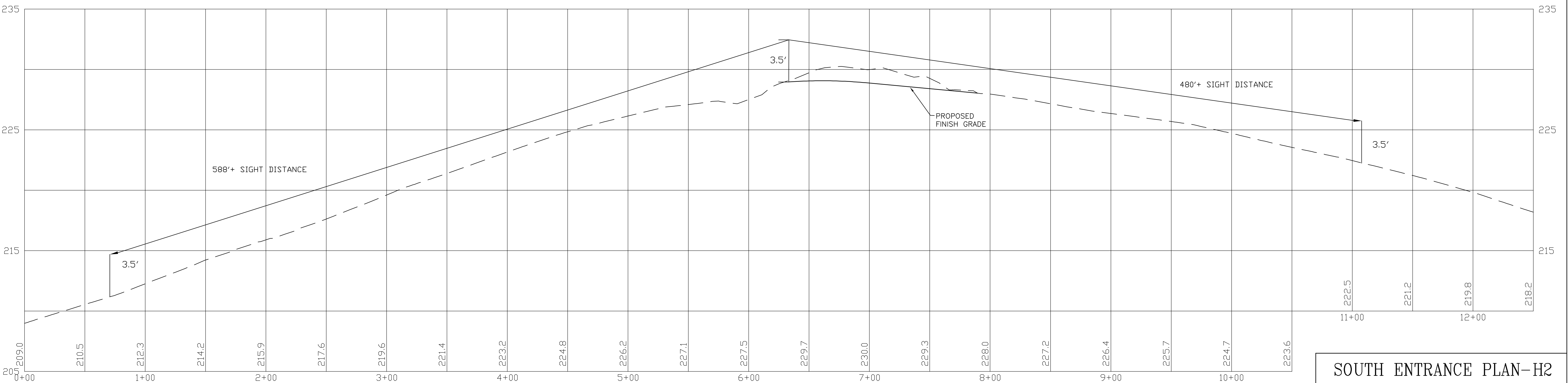
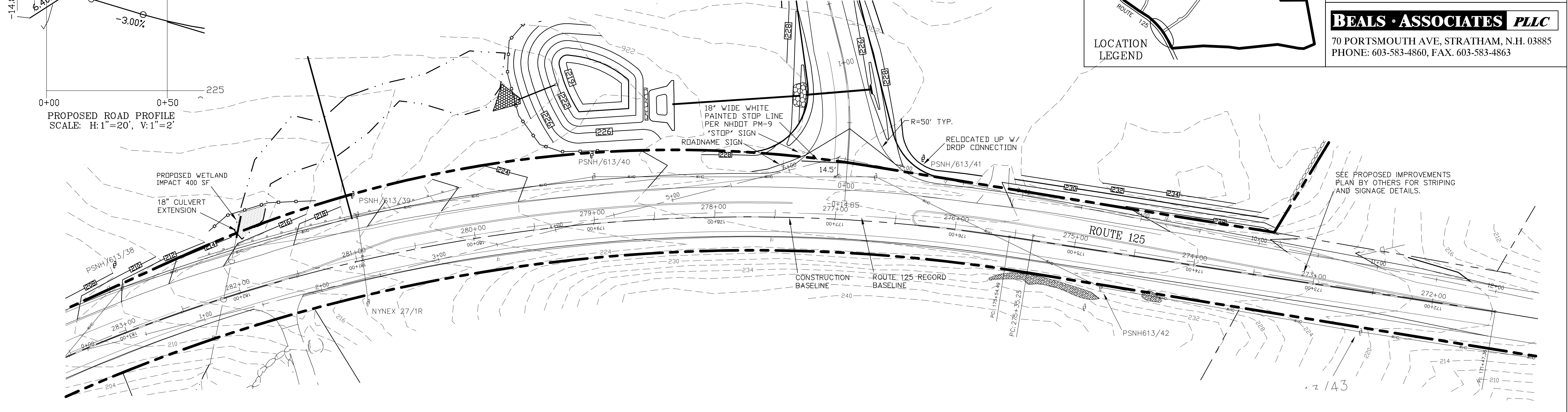
DATE:	JAN. 2019	SCALE:	1"=80'
PROJ. NO:	NH-1144	SHEET NO.	15 OF 37





PREPARED FOR:
ROUTE 125 DEVELOPMENT, LLC
 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



REVISED PER NHDOT COMMENTS	2-18-20
REVISIONS:	DATE:

SOUTH ENTRANCE PLAN-H2

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

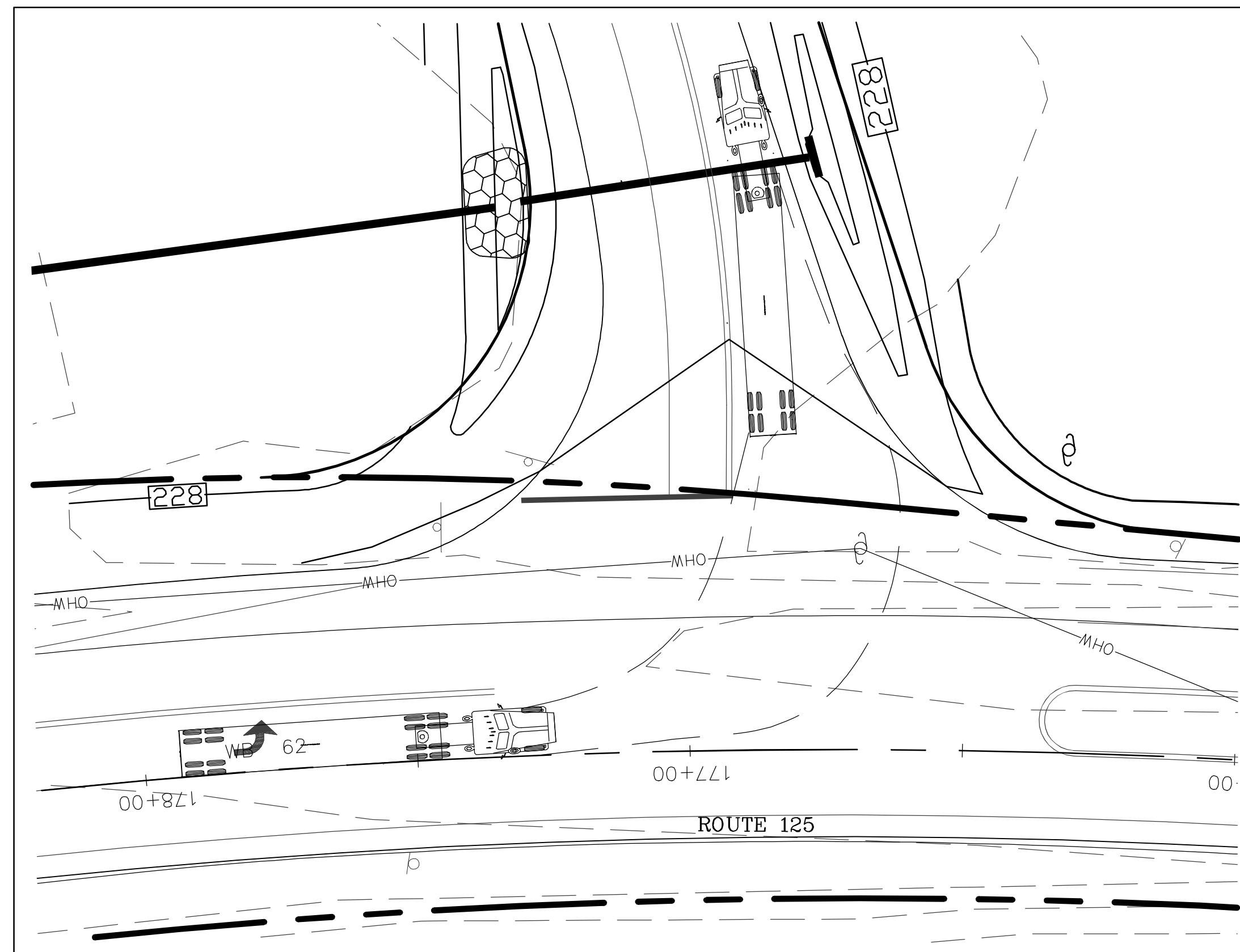
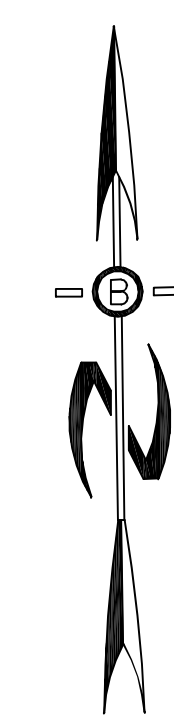
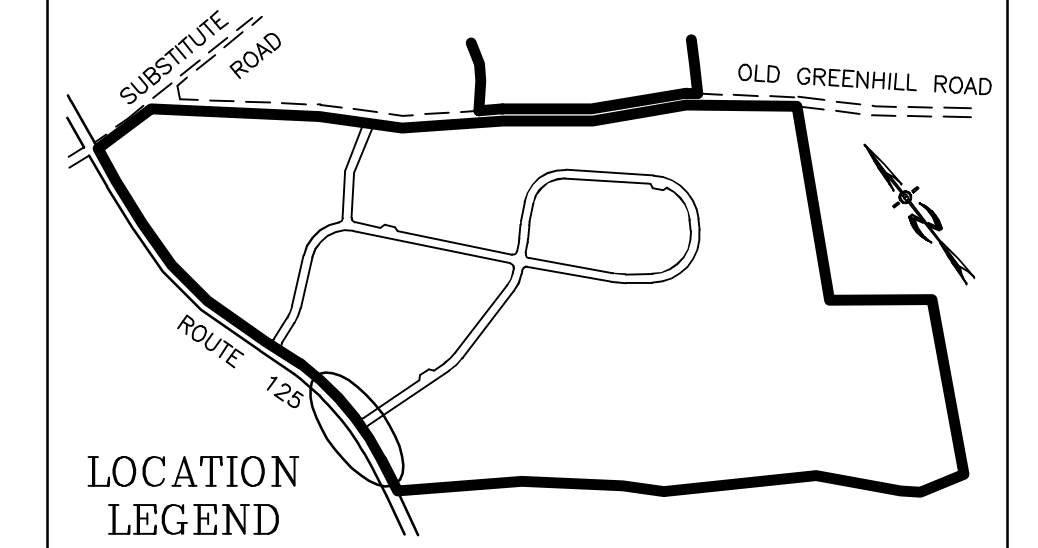
DATE: NOV. 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 16 OF 37

PREPARED FOR:

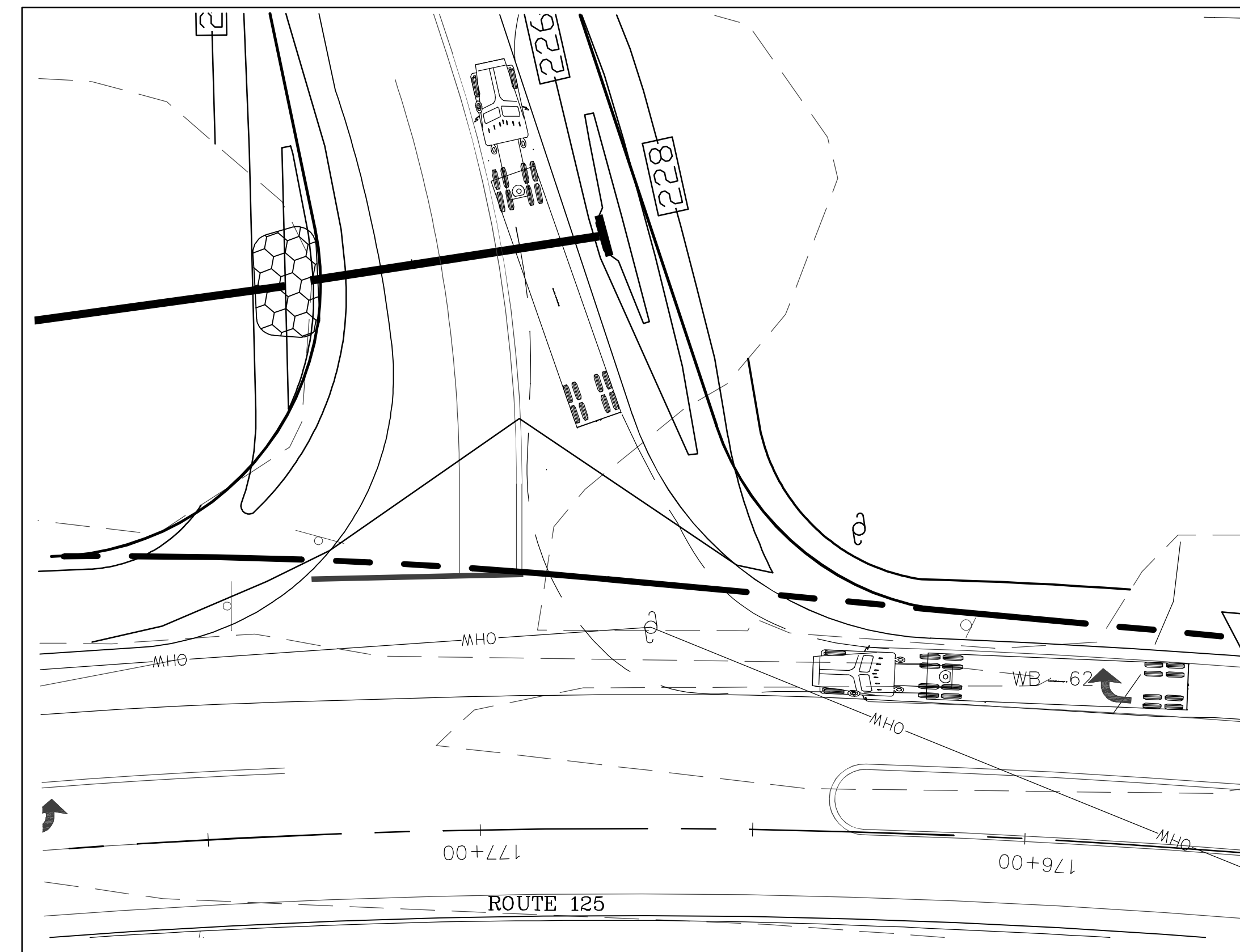
JOSEPH FALZONE
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STRATHAM, NH 03885

BEALS ASSOCIATES PLLC

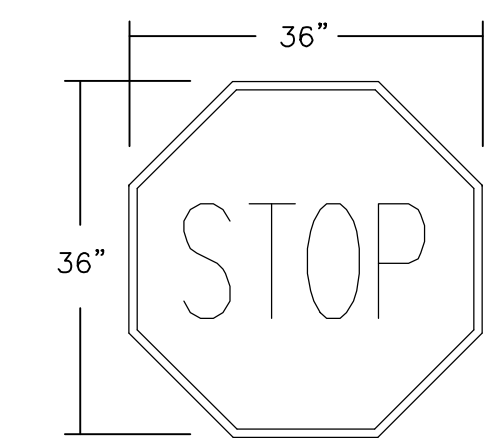
70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
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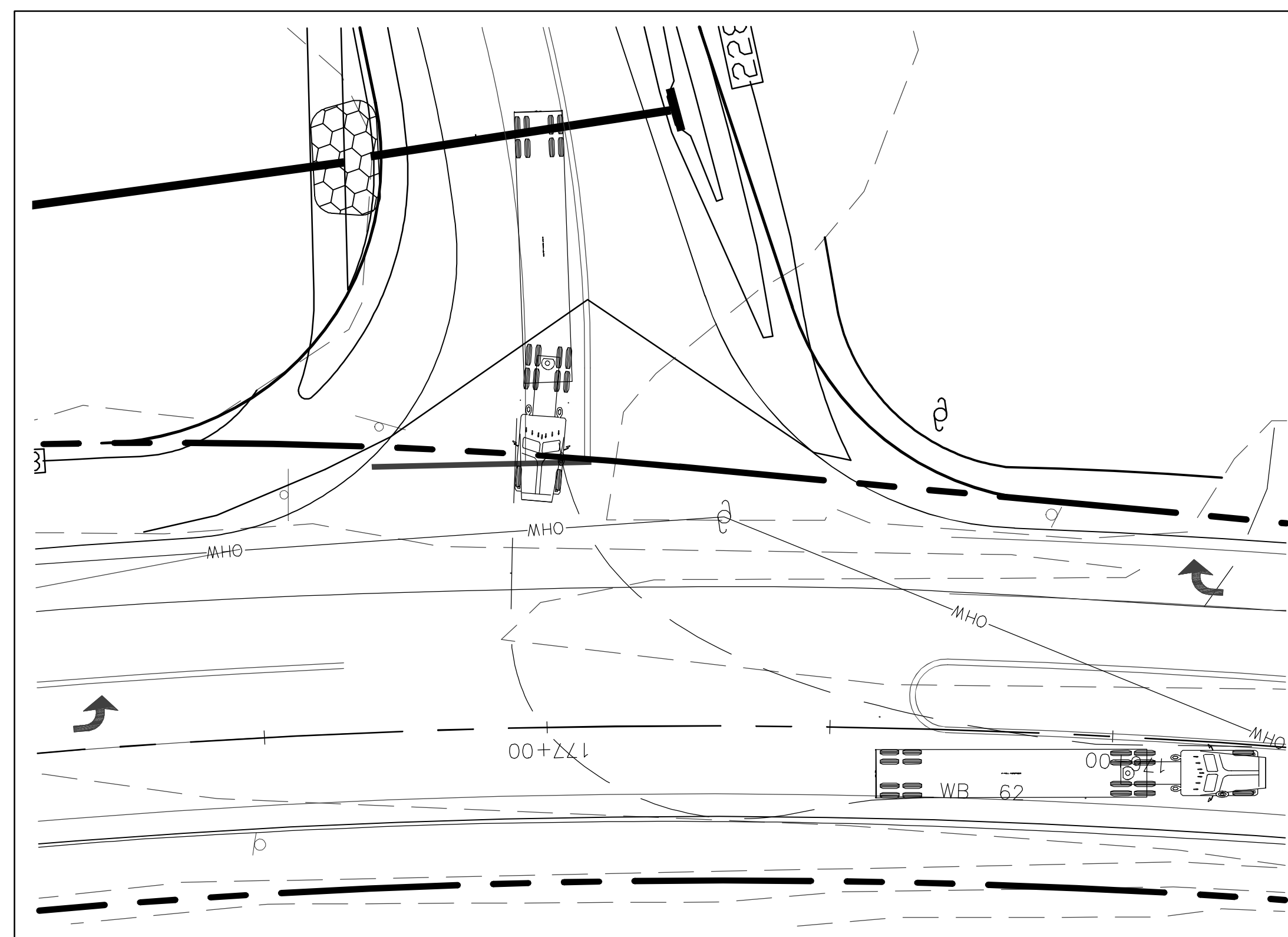
WB-62 TRUCK ENTERING SOUTHBOUND DETAIL
SCALE: 1"=20'



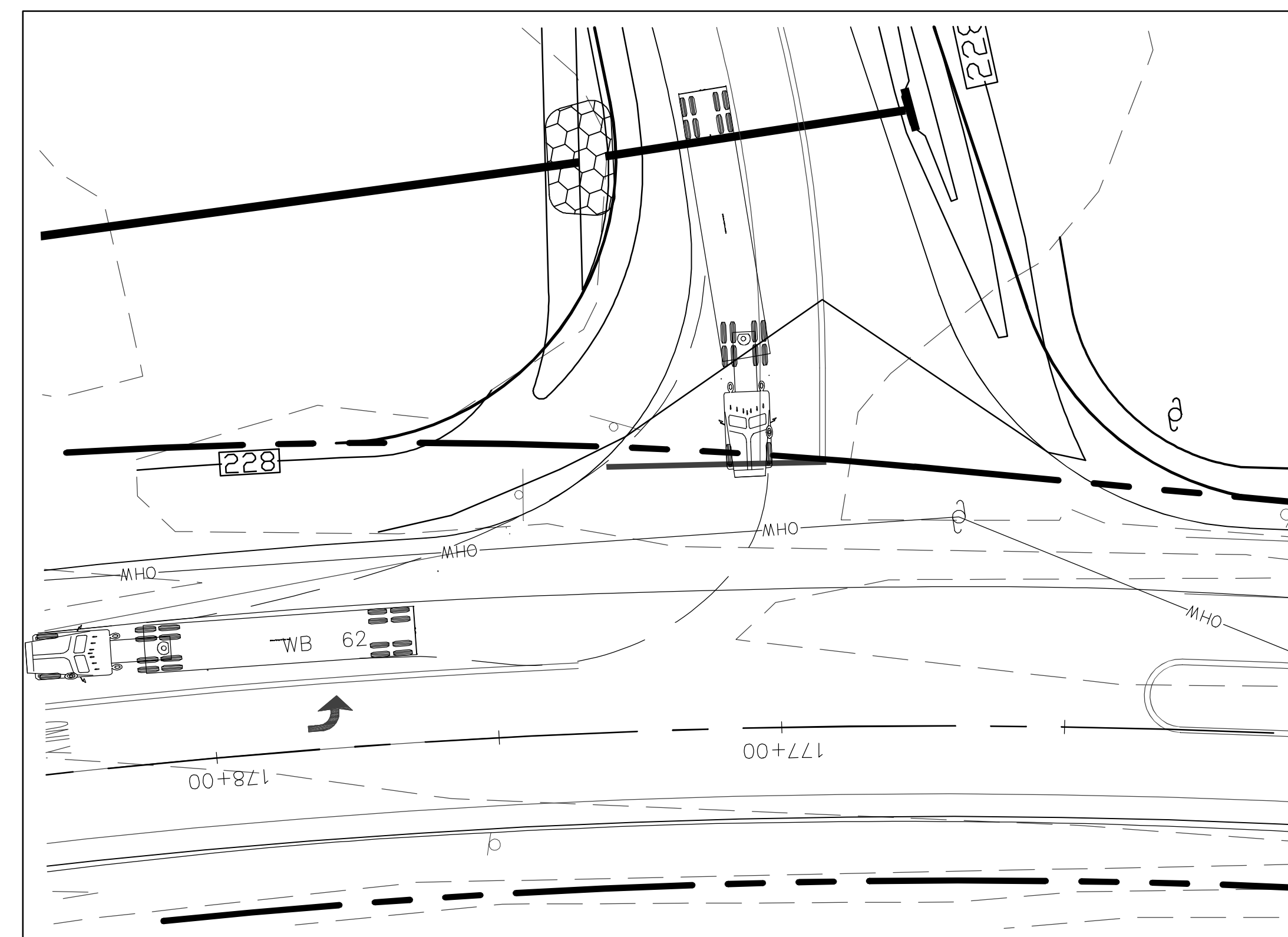
WB-62 TRUCK ENTERING NORTHBOUND DETAIL
SCALE: 1"=20'



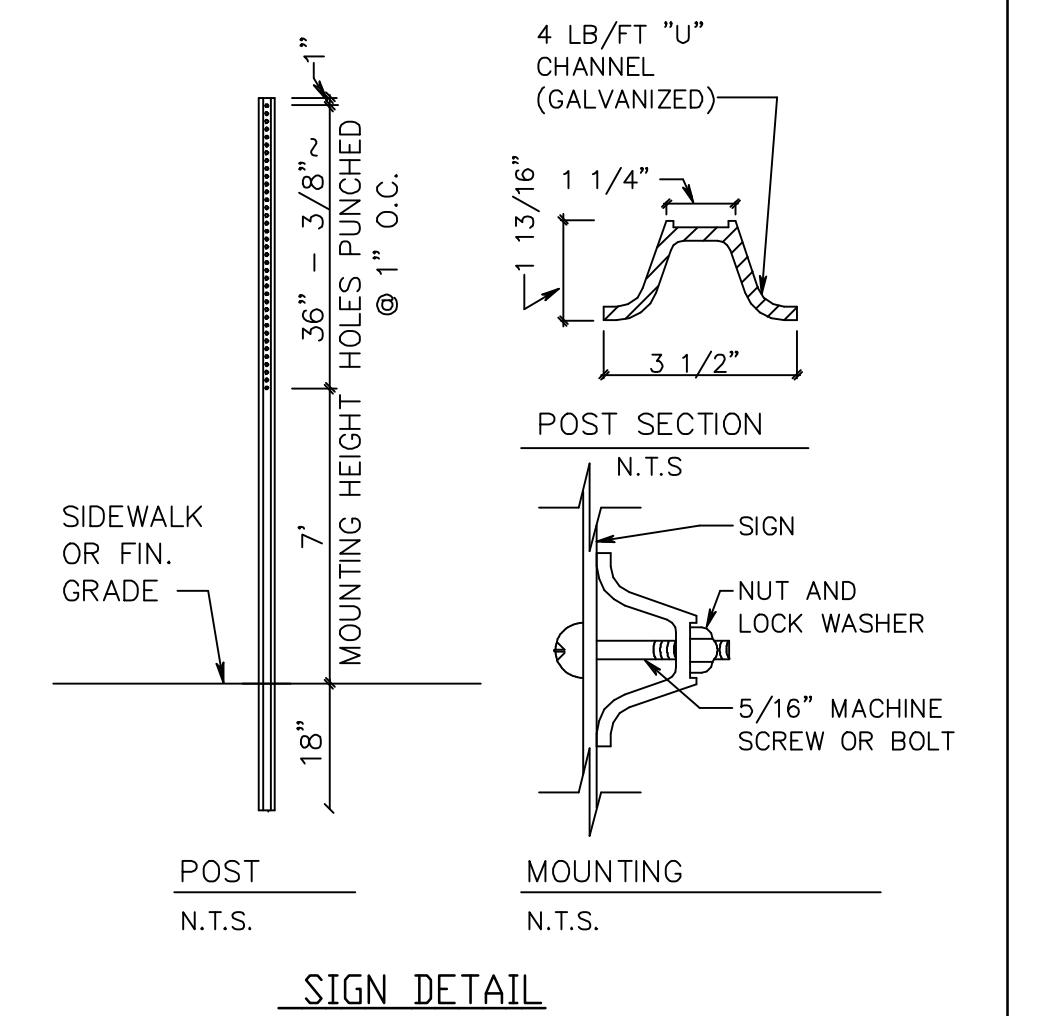
R1-1
WHITE LETTERING
ON RED



WB-62 TRUCK EXITING SOUTHBOUND DETAIL
SCALE: 1"=20'



WB-62 TRUCK EXITING NORTHBOUND DETAIL
SCALE: 1"=20'



REVISED PER NHDOT COMMENTS	2-18-20
REVISIONS:	DATE:

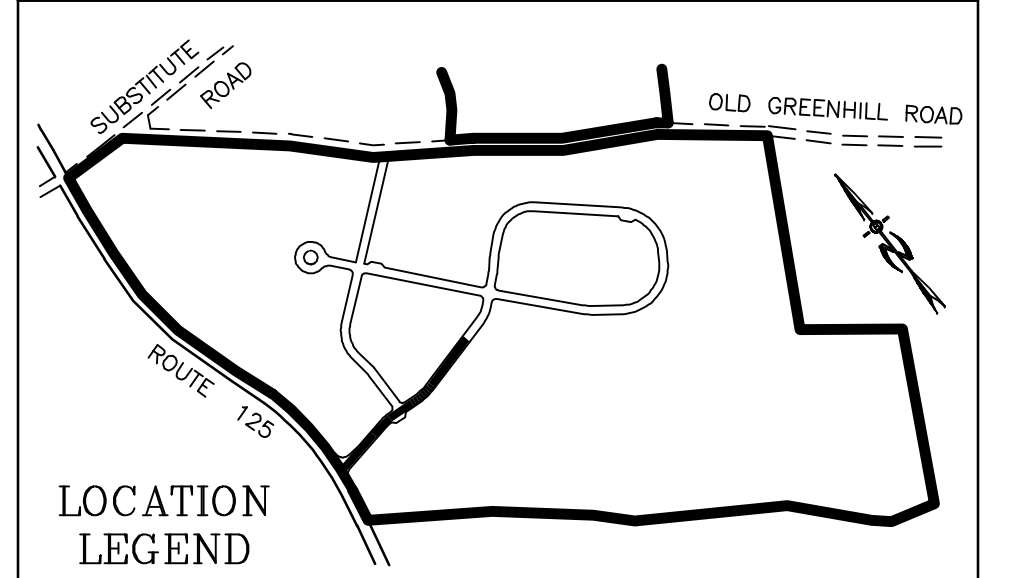
SOUTH ENTRANCE TURNING

PLAN FOR:
RESIDENTIAL DEVELOPMENT
RT. 125 / OLD GREEN HILL RD.
BARRINGTON, NH

DATE: NOV. 2019	SCALE: 1"=20'
PROJ. NO: NH-1130	SHEET NO. 17 OF 30

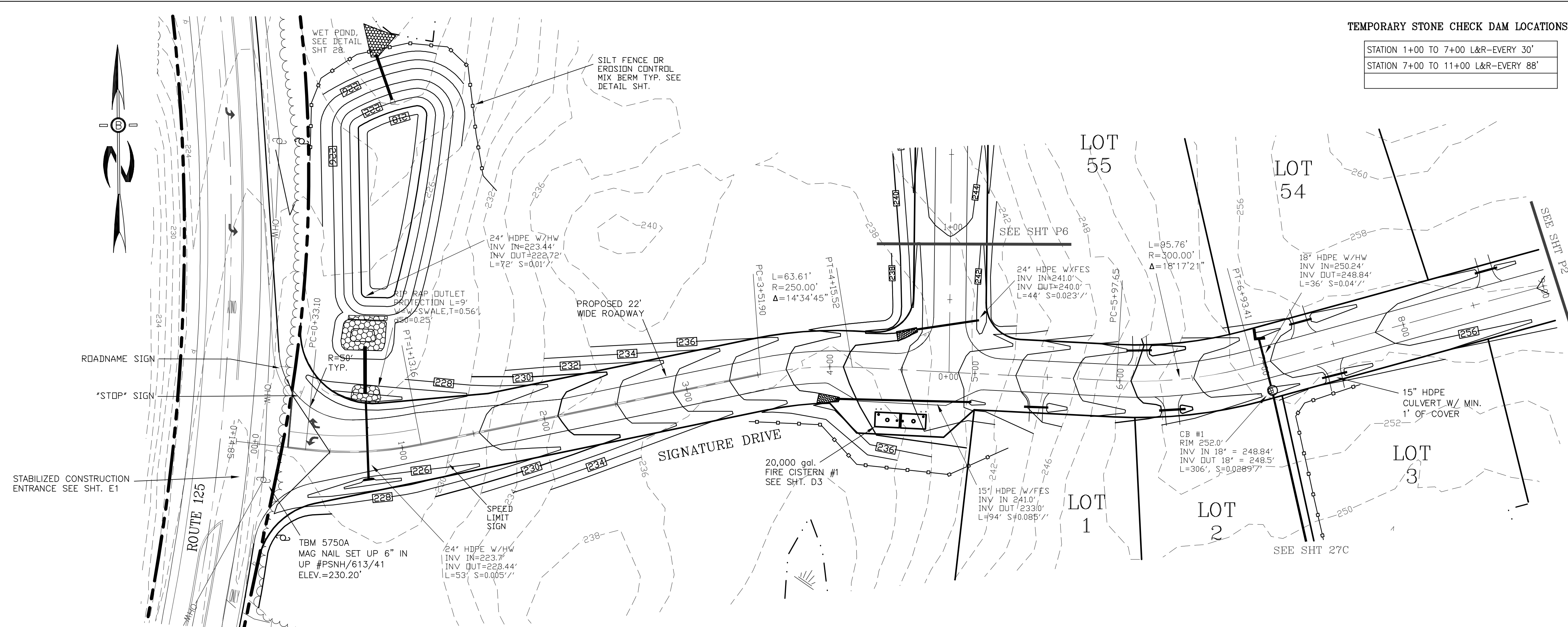
PREPARED FOR:
 ROUTE 125 DEVELOPMENT, LLC
 JOSEPH FALZONE
 7B EMERY LANE
 STRATHAM, N.H. 03885

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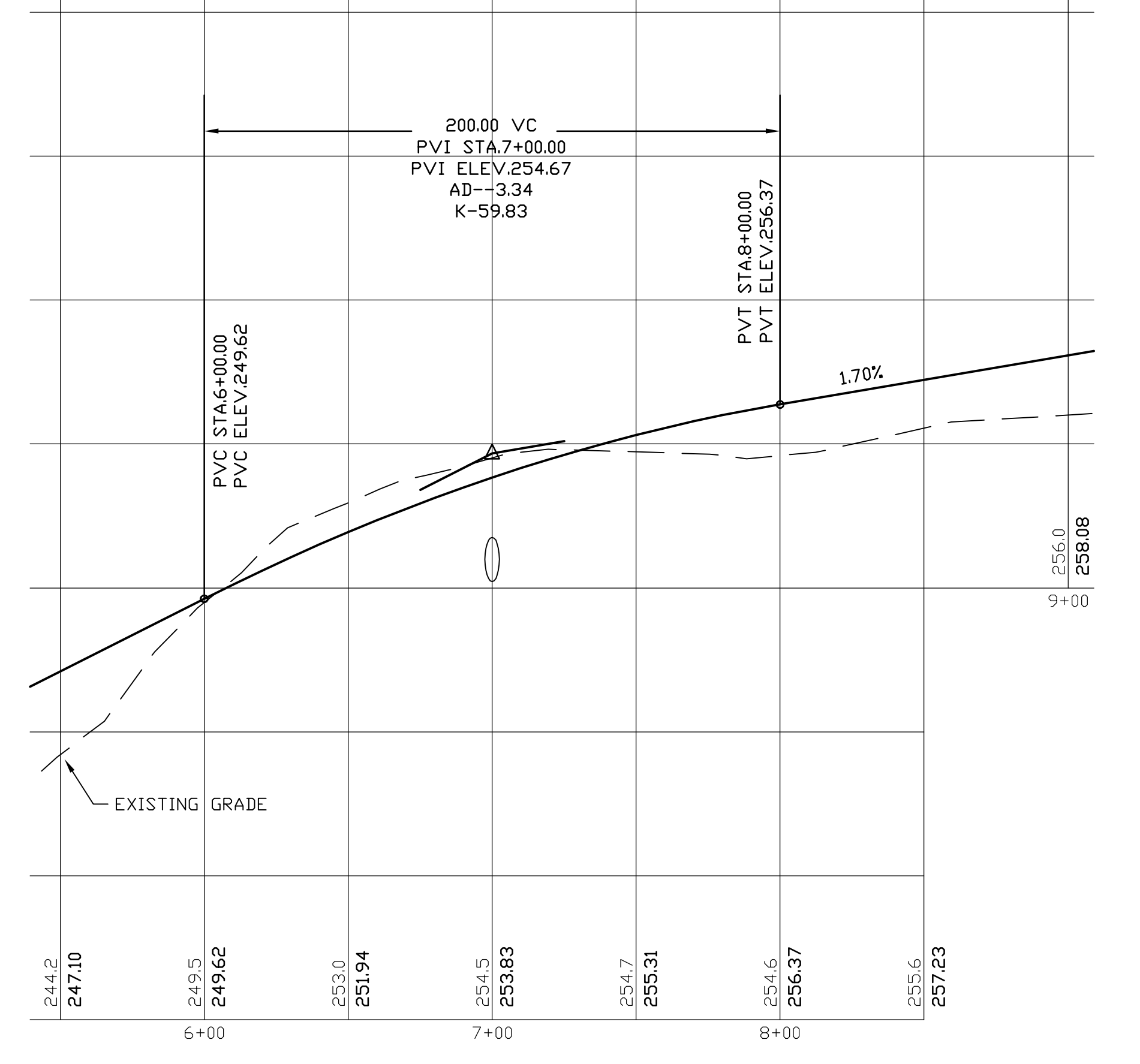
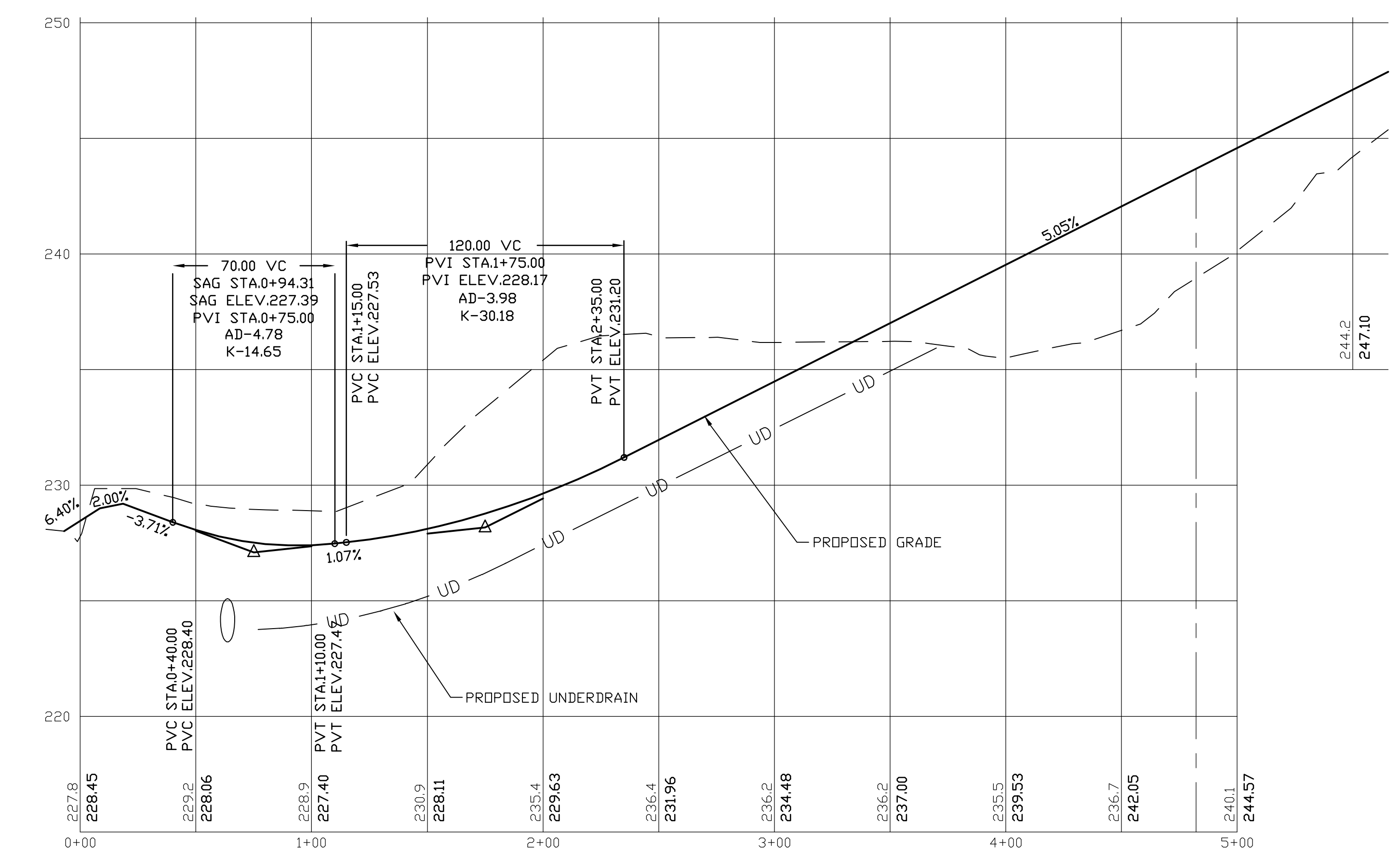
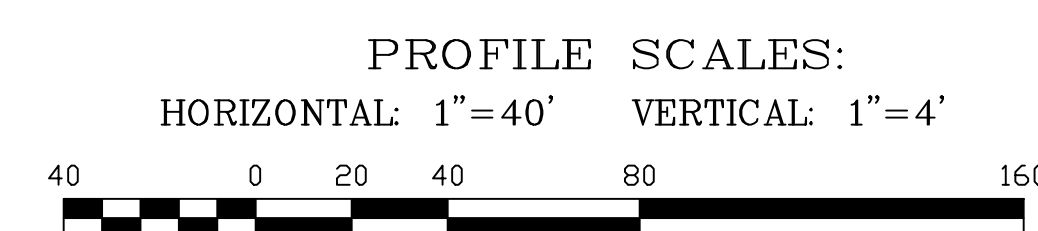
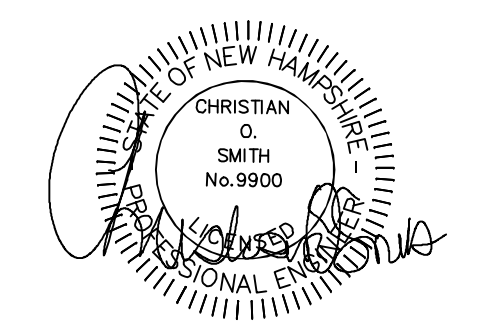


TEMPORARY STONE CHECK DAM LOCATIONS

STATION 1+00 TO 7+00 L&R-EVERY 30'
STATION 7+00 TO 11+00 L&R-EVERY 88'



- NOTES**
- ALL ELECTRICAL, TELEPHONE, CABLE TELEVISION AND ALARM LINES TO BE UNDERGROUND. THE SIZE AND LOCATION IS TO BE DETERMINED BY APPROPRIATE UTILITY COMPANY.
 - ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR, ENGINEER TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY.
 - ALL CONSTRUCTION METHODS AND MATERIALS WILL CONFORM TO THE TOWN STANDARD SPECIFICATIONS AND TO N.H.D.T. STANDARDS AND REGULATIONS.
 - ALL DRAINAGE STRUCTURE AND SWALES WILL BE BUILT AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM.
 - SEE DETAIL SHEETS FOR STANDARD CONSTRUCTION NOTES AND DETAILS.
 - ALL CROSS CULVERTS & DRIVEWAY CULVERTS TO BE MIN. 15" ADS N-12 AND TO HAVE MASONRY HEADWALLS UNLESS FLARED END SECTIONS ARE SPECIFIED ON THE PLANS.
 - NATURAL VEGETATED FILTER STRIPS ARE TO REMAIN WOODED.
 - ALL SIDE SLOPES STEEPER THAN 3:1 (WETLAND CROSSINGS) TO BE LINED WITH JUTE MATTING.
 - ALL SWALE MATTING WILL EXTEND TO THE LIP OF THE LEVEL SPREADER AT LIP OF THE LEVEL SPREADER AT THE END OF EACH SWALE.
 - ALL PERMANENT EROSION CONTROL SWALE LINING MATERIAL SHALL BE MAG C350 OR EQUIVALENT. ALL OTHER SWALES WILL BE PROTECTED WITH TEMPORARY STONE CHECK DAMS (S.C.D.) UNTIL THE VEGETATION HAS FULLY STABILIZED. AT THIS TIME THE S.C.D.'S WILL BE REMOVED.



REVISED PER NHDOT COMMENTS	6-2-20
REVISED PER NHDOT COMMENTS	4-21-20
REVISED PER NHDOT COMMENTS	2-18-20
REVISED PER REVIEW COMMENTS	7-24-19
REVISED PER REVIEW COMMENTS	6-20-19
REVISED ROAD GRADES PER PB COMMENTS	6-5-19

PLAN & PROFILE - P1

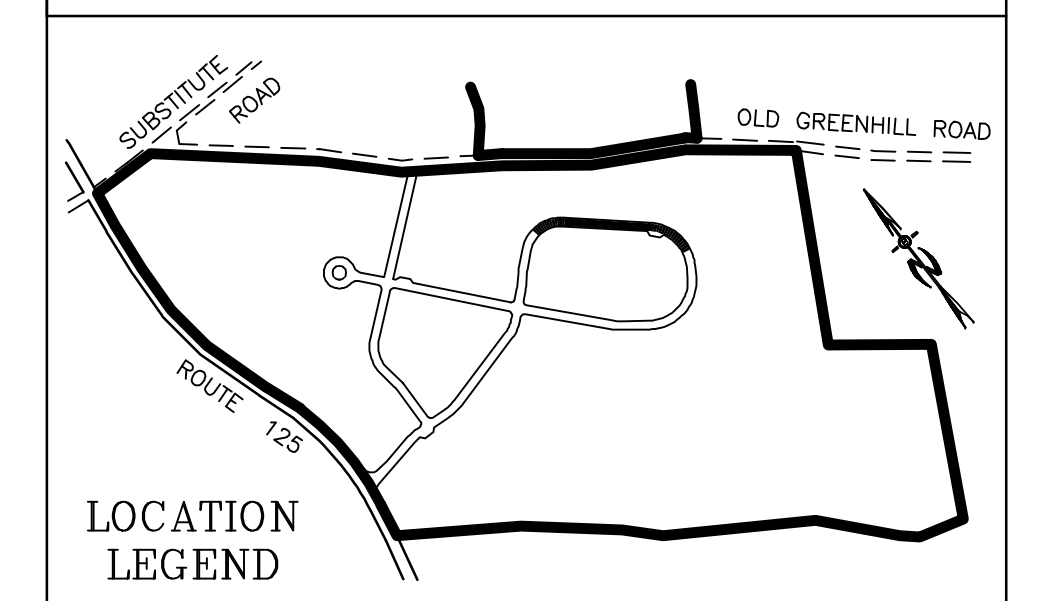
PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE: MAY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 19 OF 37

PREPARED FOR:
 ROUTE 125 DEVELOPMENT, LLC
 JOSEPH FALZONE
 7B EMERY LANE
 STRATHAM, N.H. 03885

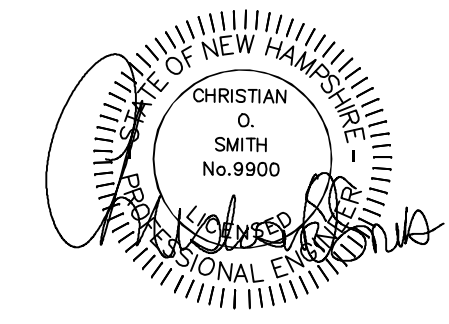
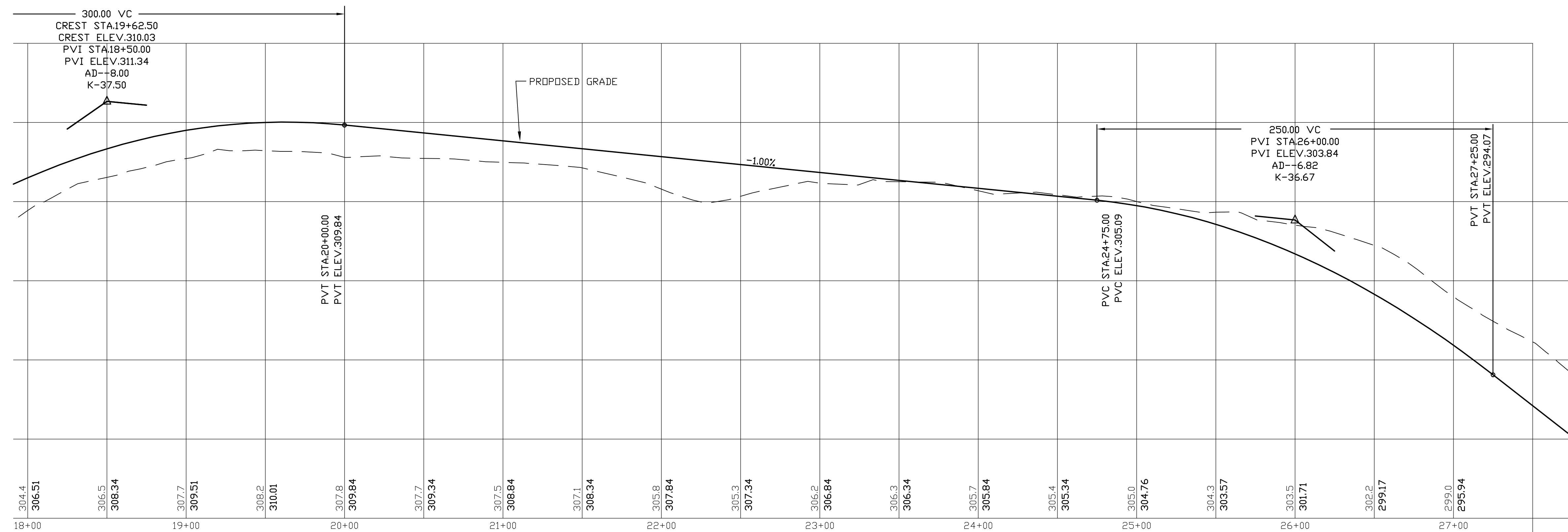
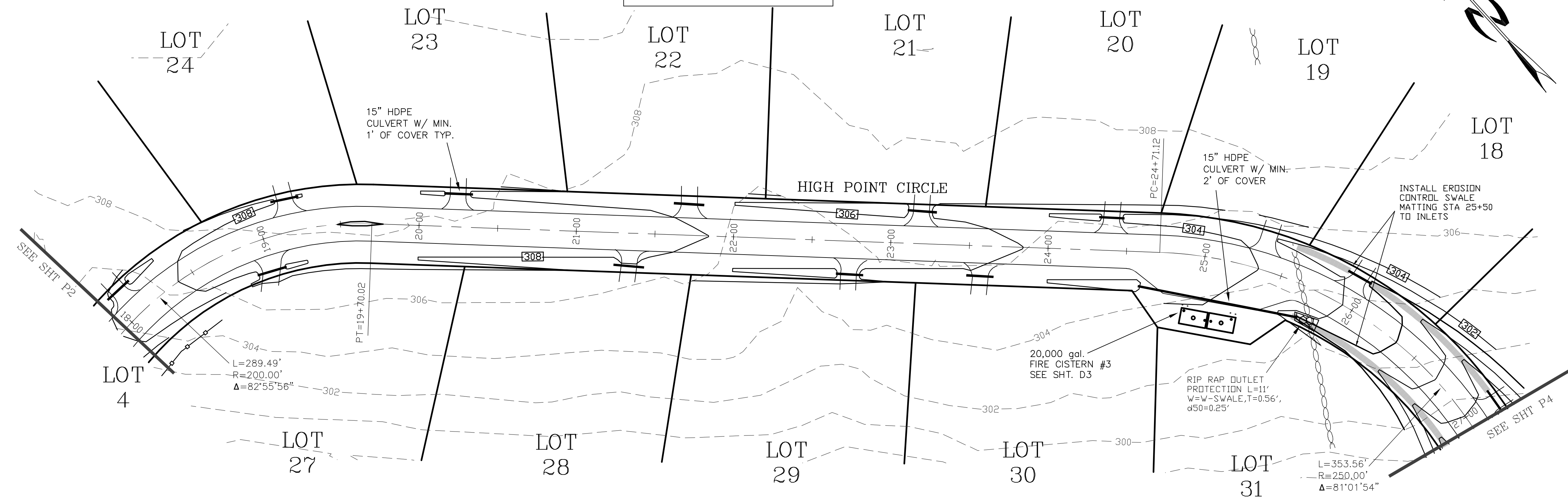
BEALS ASSOCIATES PLLC

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



TEMPORARY STONE CHECK DAM LOCATIONS

STATION 18+00 TO 26+00 L&R-EVERY 150'
 STATION 26+00 TO 32+00 L&R-EVERY 19'



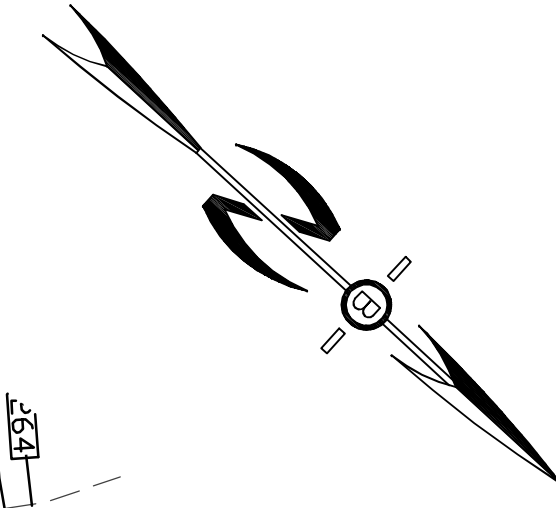
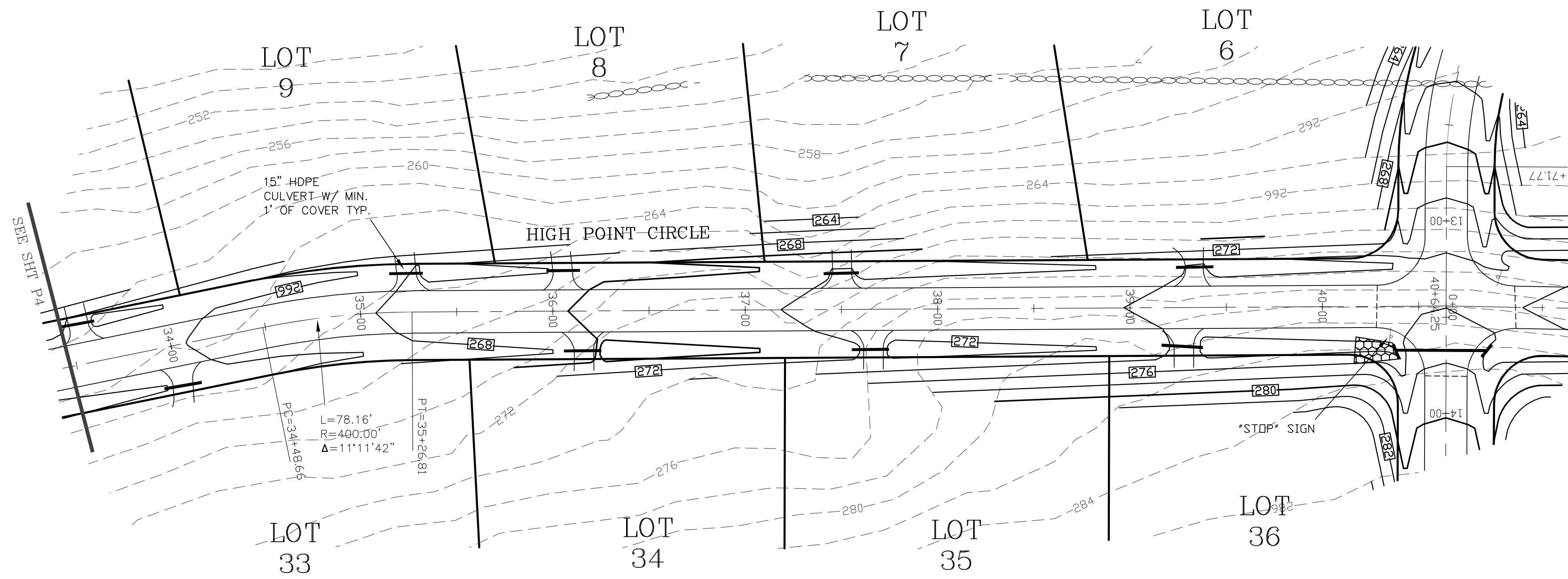
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REVISED PER REVIEW COMMENTS	7-24-19
REVISED PER REVIEW COMMENTS	6-20-19
REVISED ROAD GRADES PER PB COMMENTS	6-5-19

PLAN & PROFILE - P3

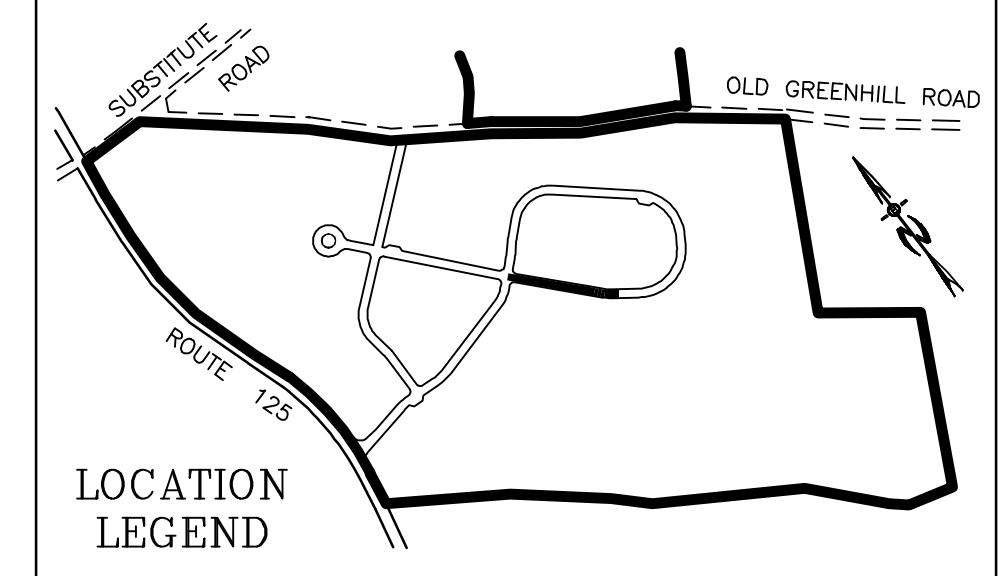
PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE: MAY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 21 OF 37

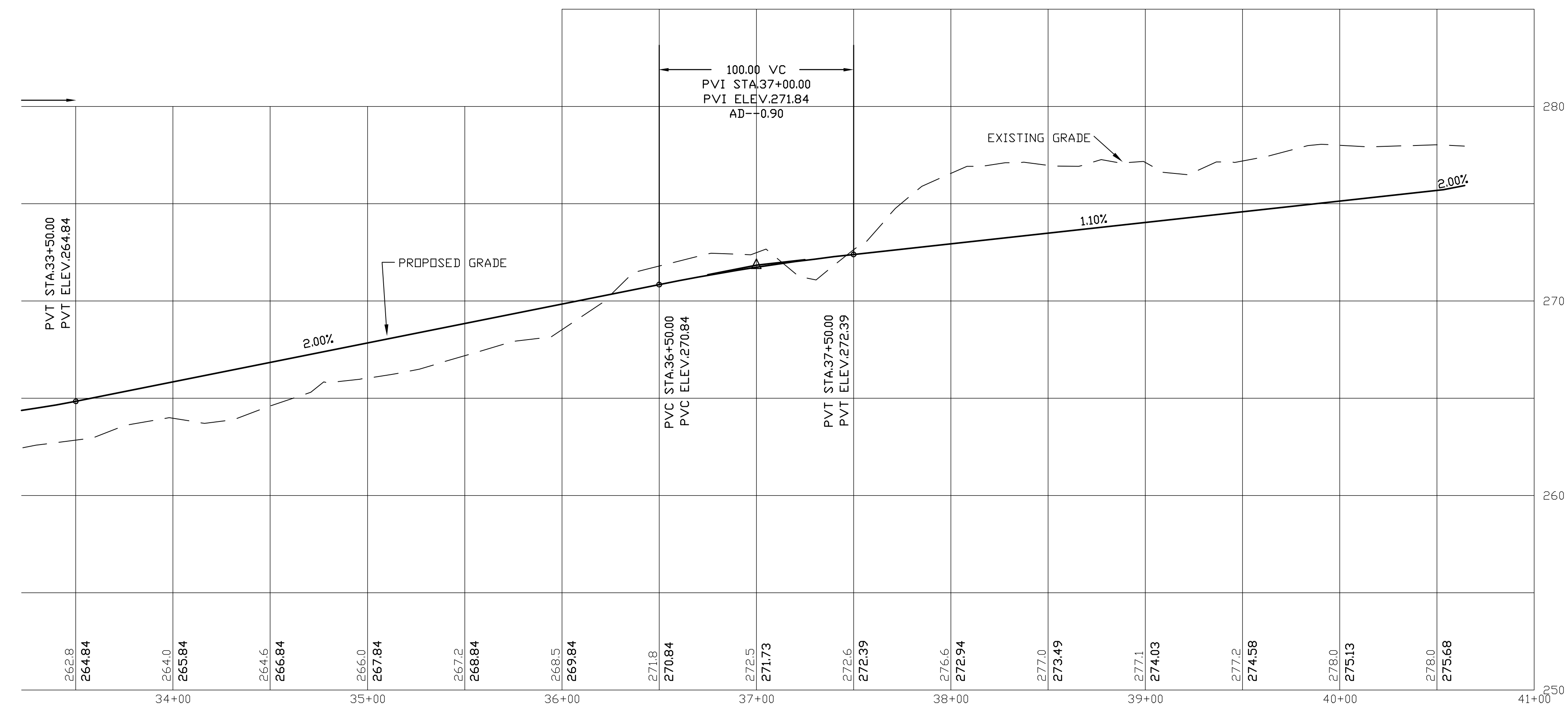


PREPARED FOR:
 ROUTE 125 DEVELOPMENT, LLC
 JOSEPH FALZONE
 7B EMERY LANE
 STRATHAM, N.H. 03885

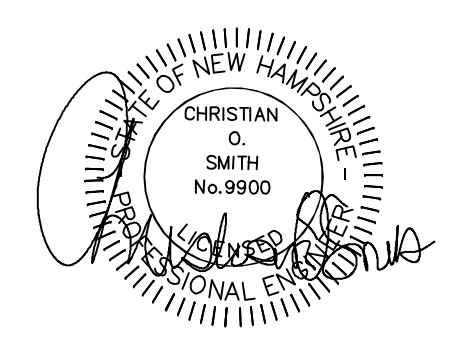
BEALS ASSOCIATES PLLC
 70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
 PHONE: 603-583-4860, FAX: 603-583-4863



TEMPORARY STONE CHECK DAM LOCATIONS
 STATION 32+00 TO 40+00 L&R-EVERY 75'



PROFILE SCALES:
 HORIZONTAL: 1"=40' VERTICAL: 1"=4'
 40 0 20 40 80 160



REVISED PER REVIEW COMMENTS	7-24-19
REVISED PER REVIEW COMMENTS	6-20-19
REVISED ROAD GRADES PER PB COMMENTS	6-5-19

PLAN & PROFILE - P5

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

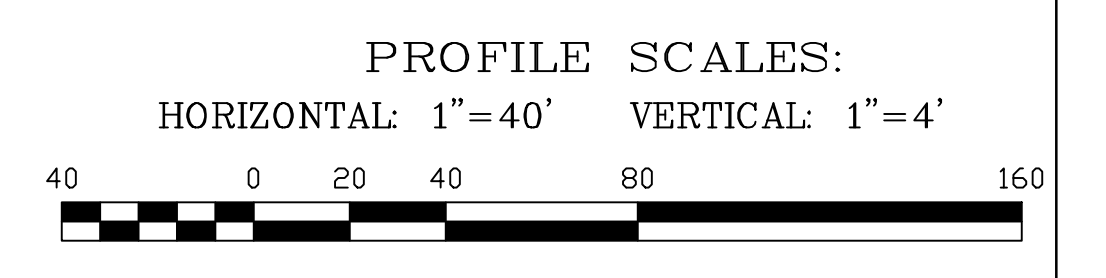
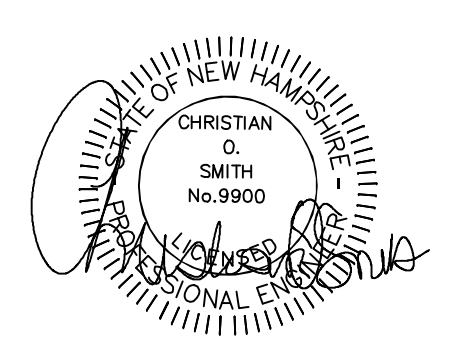
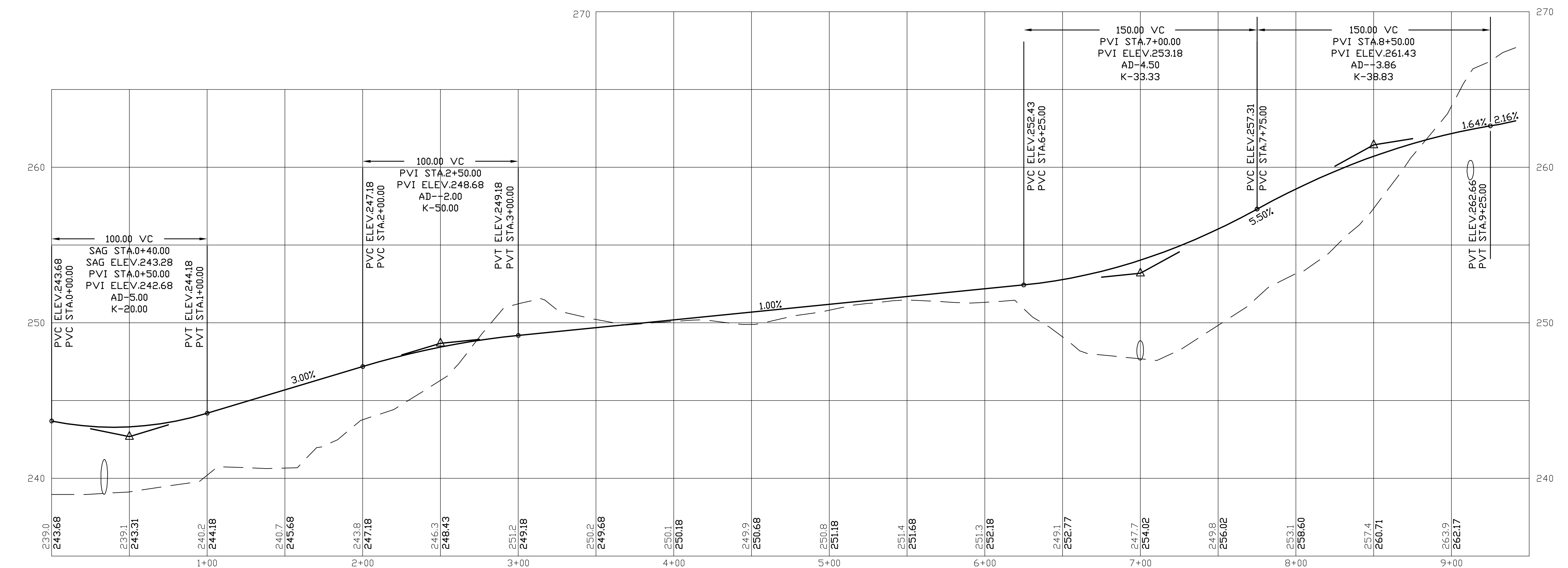
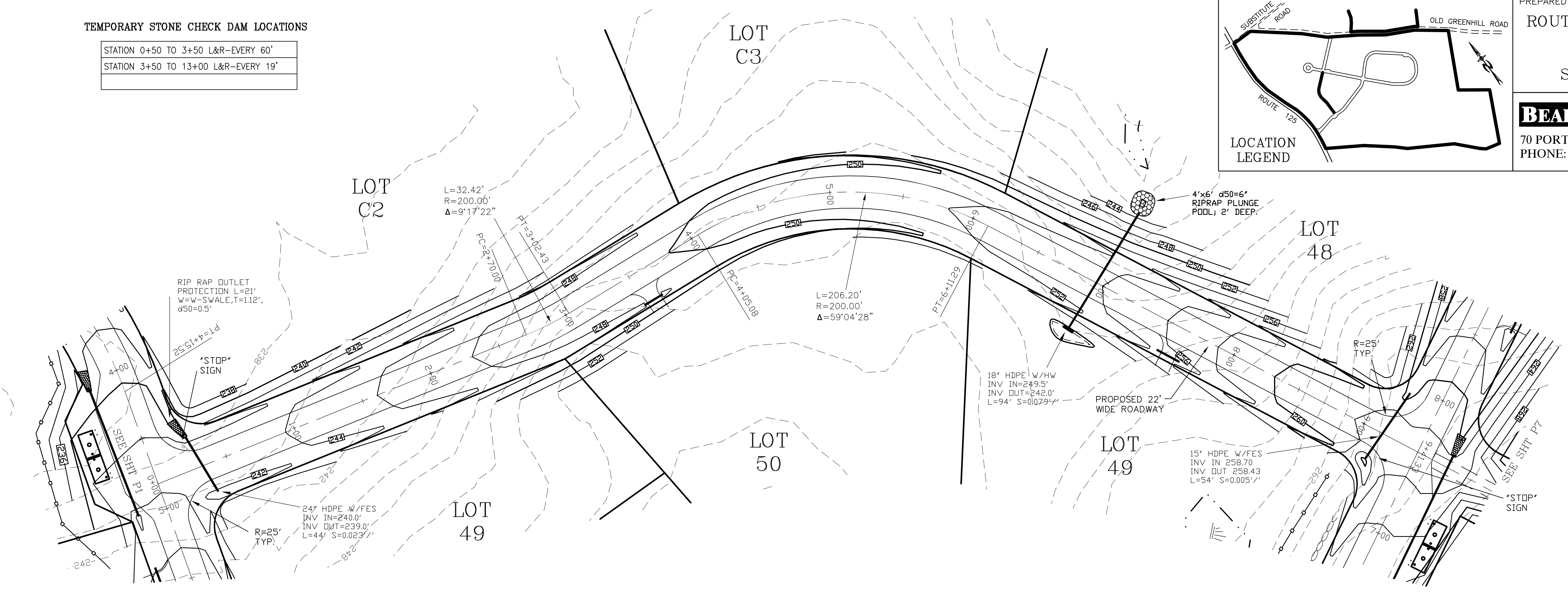
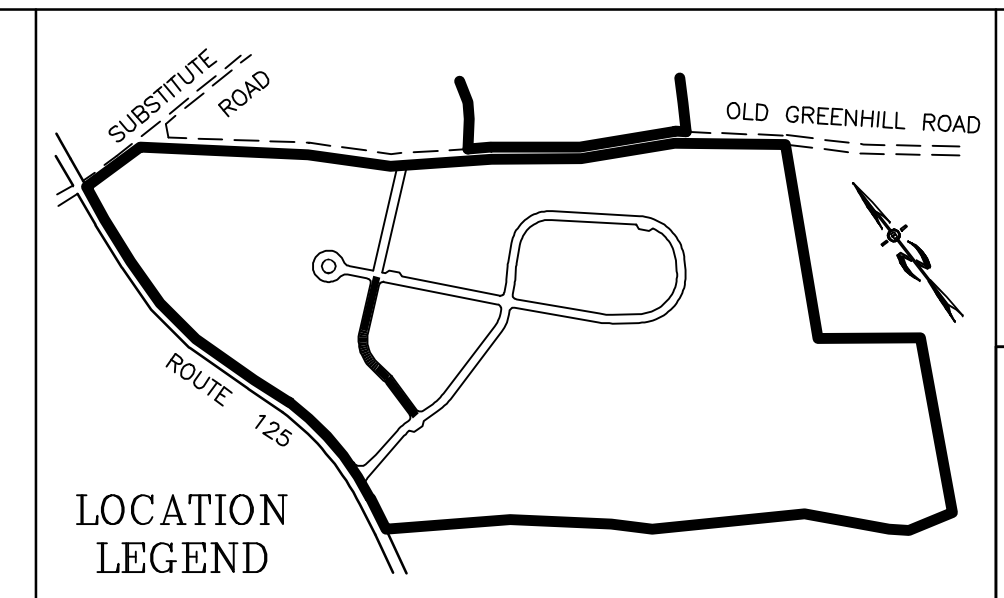
DATE: MAY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 23 OF 37

TEMPORARY STONE CHECK DAM LOCATIONS

STATION 0+50 TO 3+50 L&R-EVERY 60'
STATION 3+50 TO 13+00 L&R-EVERY 19'

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 ROUTE 125 DEVELOPMENT, LLC
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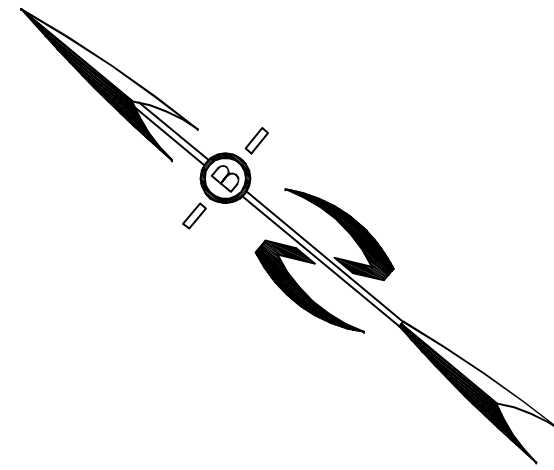
BEALS ASSOCIATES PLLC
 70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
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PLAN & PROFILE - P6

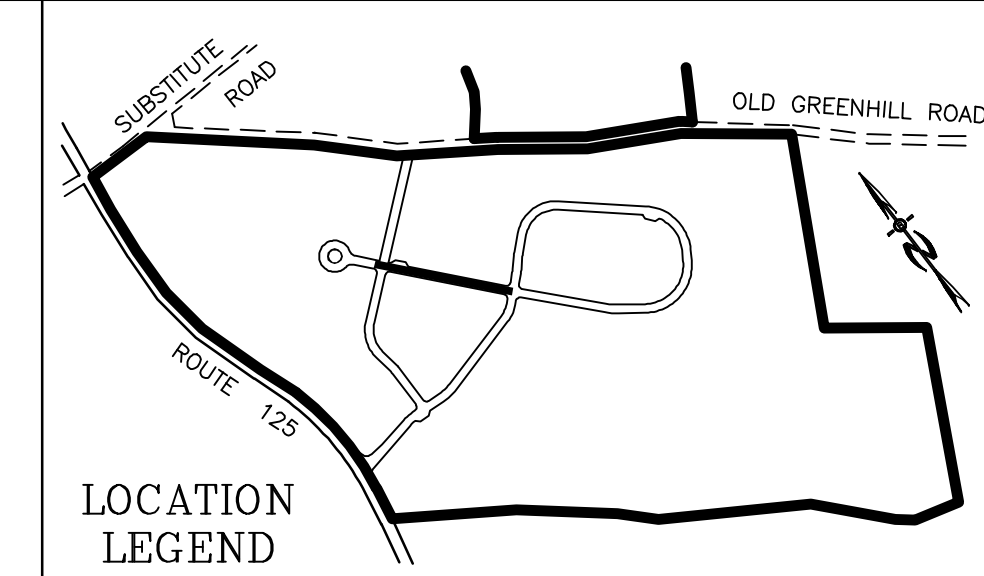
PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE: MARY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 24 OF 37



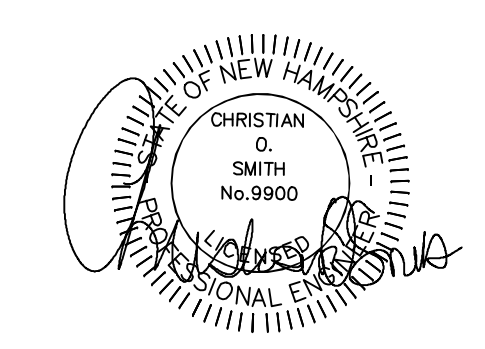
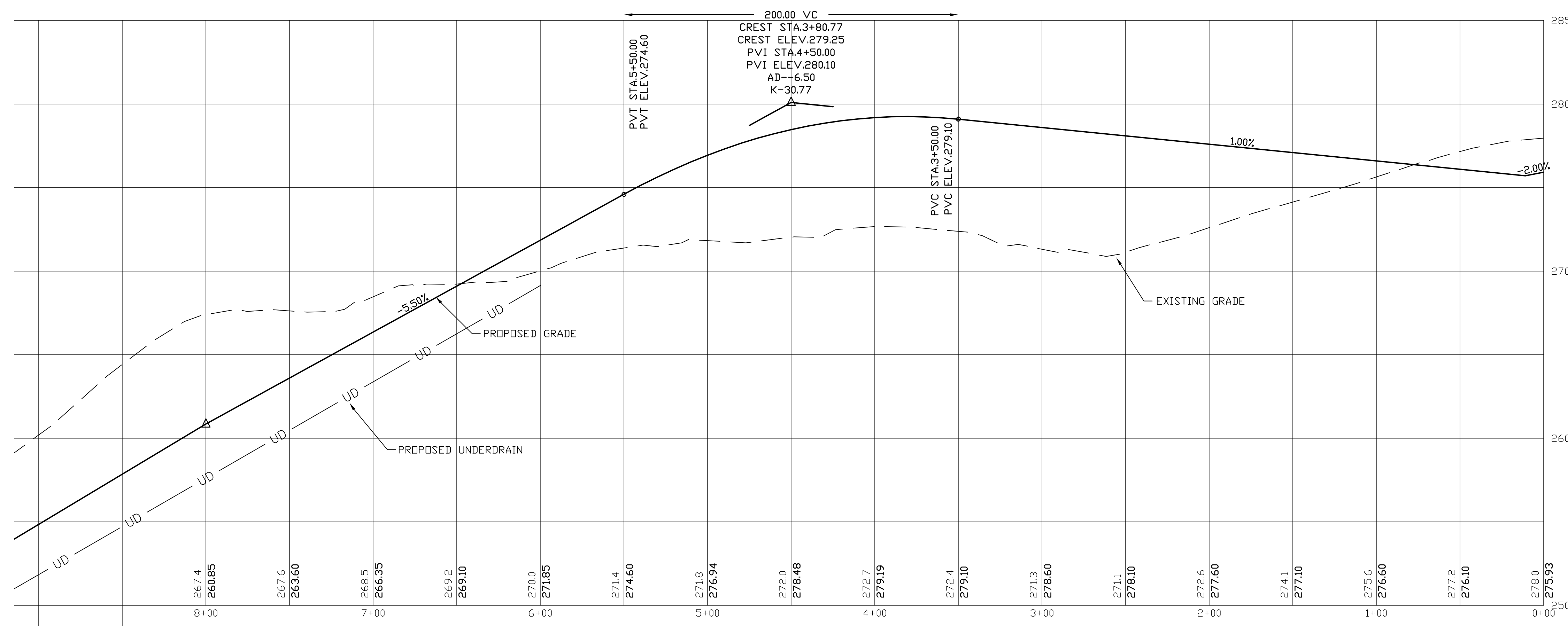
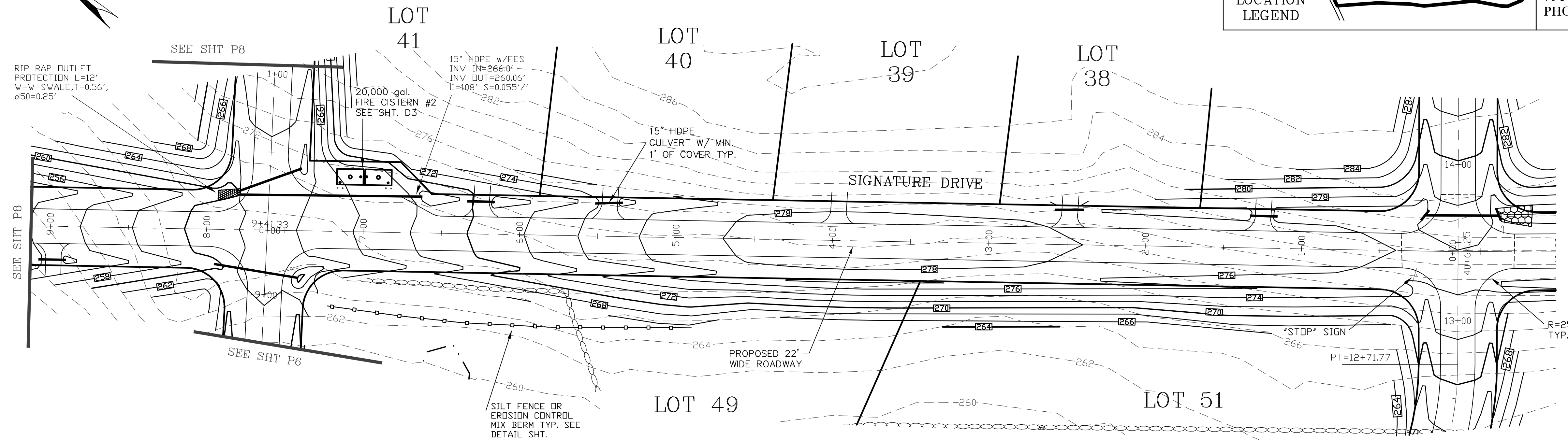
TEMPORARY STONE CHECK DAM LOCATIONS

STATION 3+50 TO 13+00 L&R-EVERY 19'
STATION 13+00 TO 18+00 L&R-EVERY 150'



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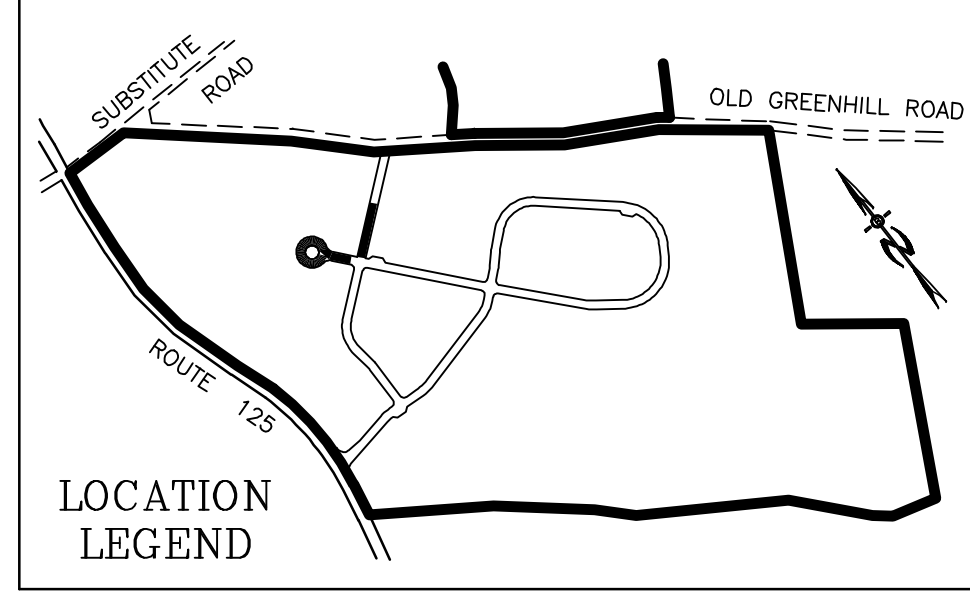
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REVISED FUTURE ACCESS	11-5-20
REVISED ACCESS DESIGN	10-8-20
REVISED PER REVIEW COMMENTS	7-24-19
REVISED PER REVIEW COMMENTS	6-20-19
REVISED ROAD GRADES PER PB COMMENTS	6-5-19

PLAN & PROFILE - P7

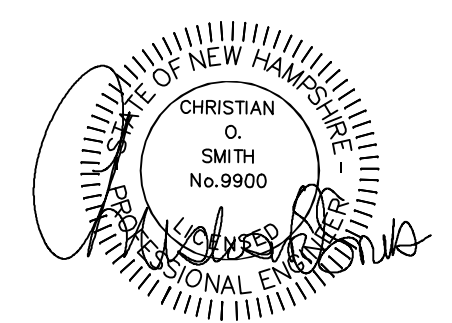
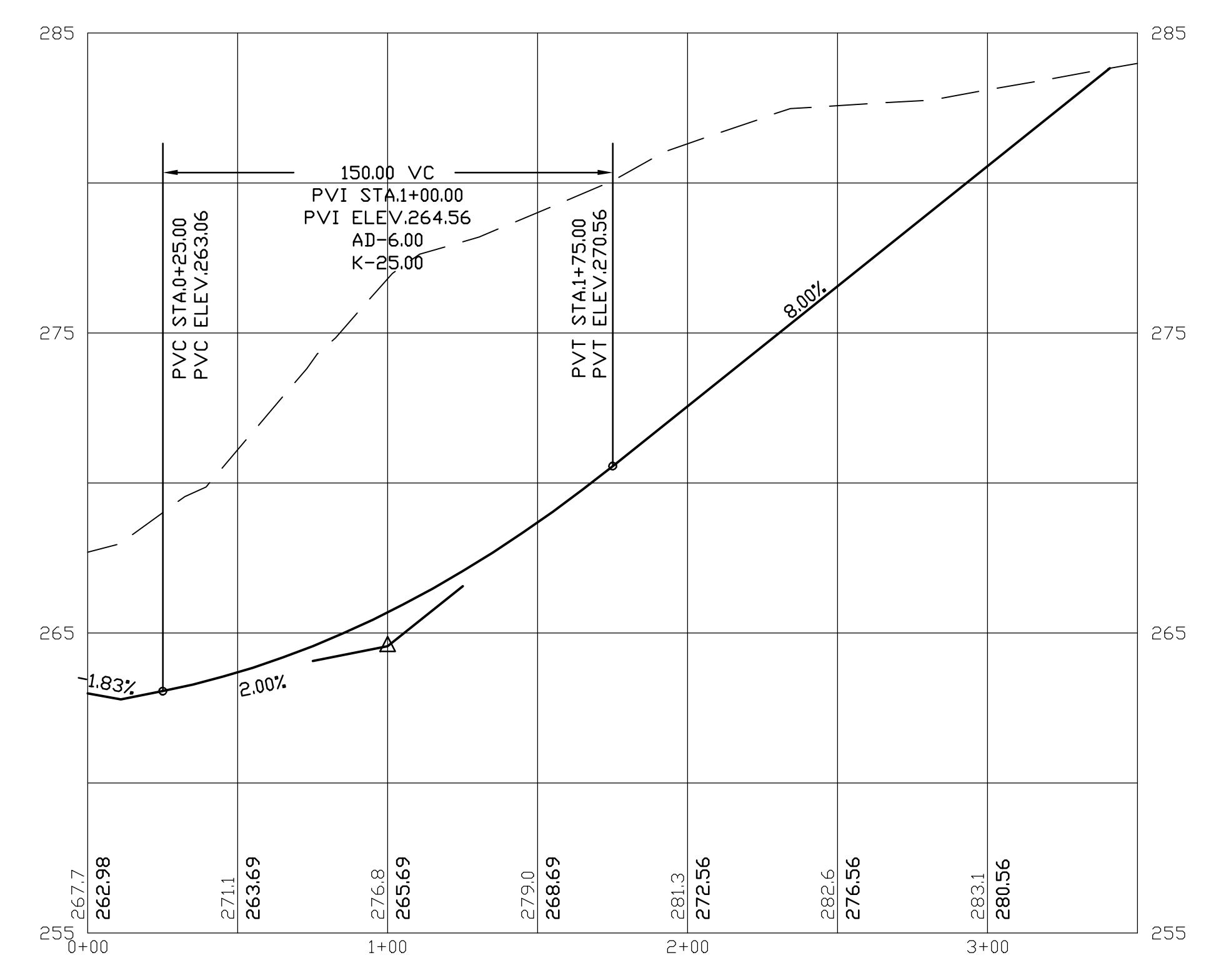
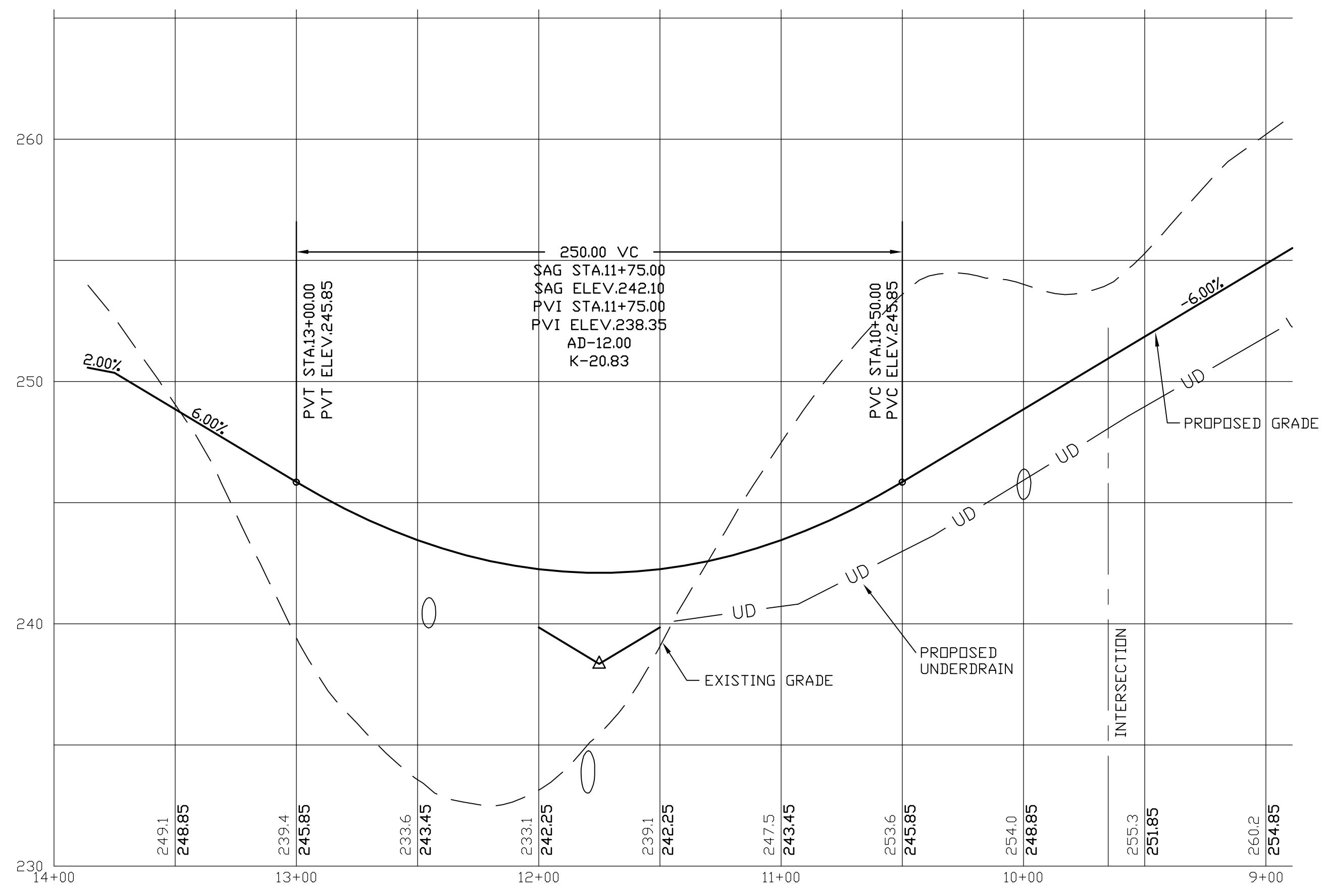
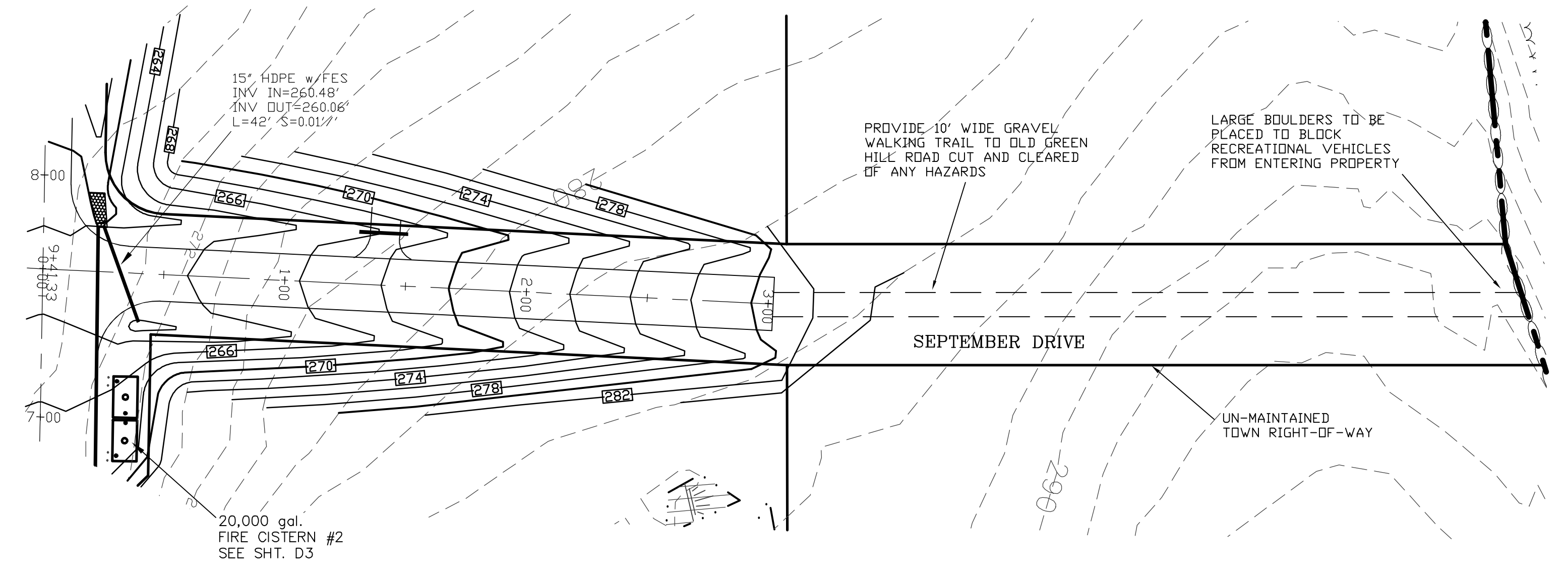
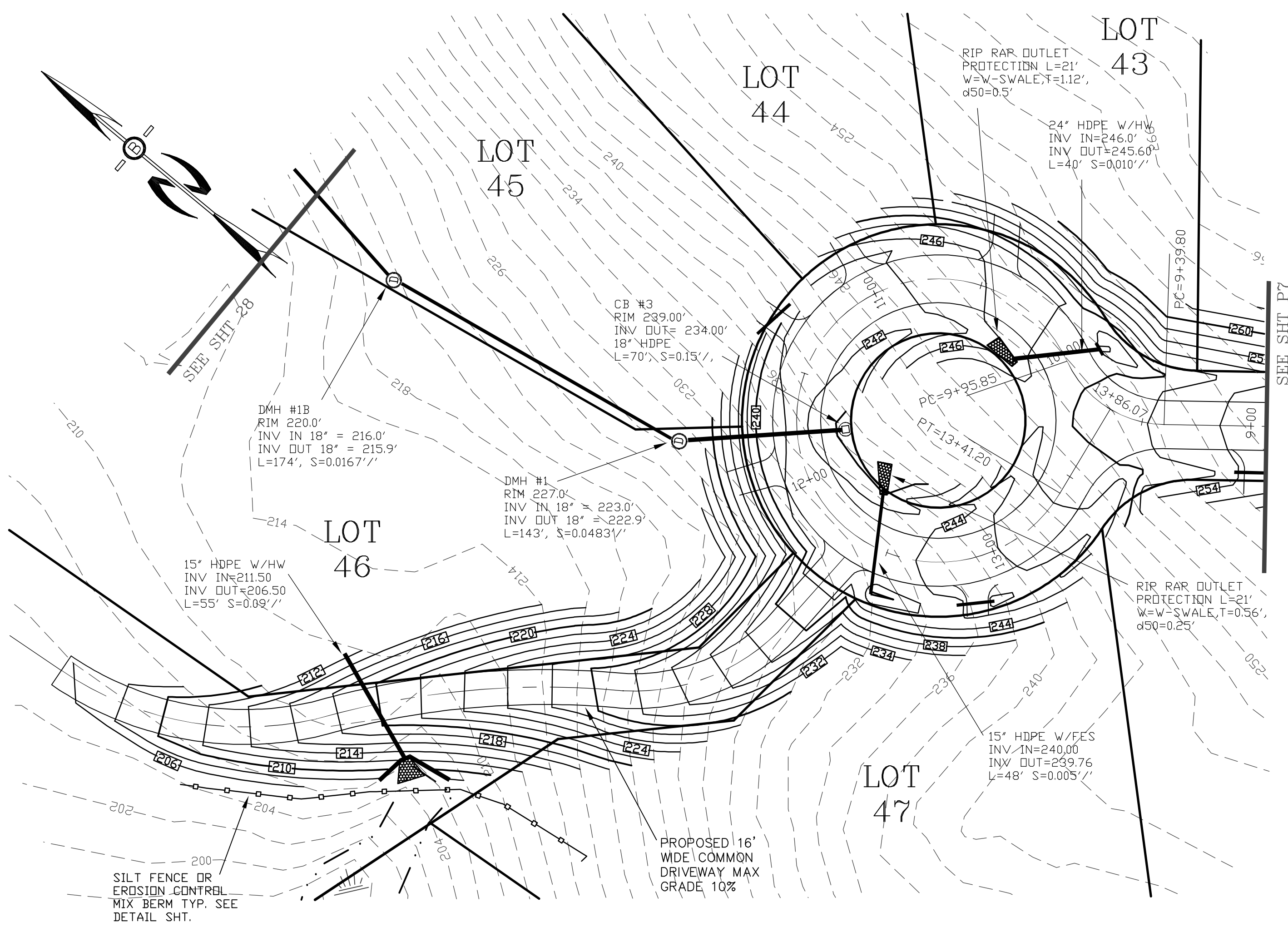
PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE: MAY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 25 OF 37



PREPARED FOR:
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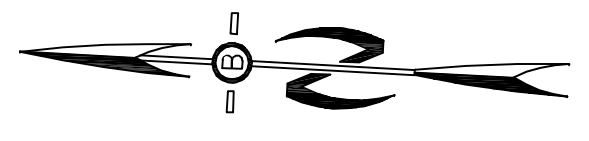
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REVISED FUTURE ACCESS	11-5-20
REVISED ACCESS DESIGN	10-8-20
REVISED PER REVIEW COMMENTS	7-24-19
REVISED PER REVIEW COMMENTS	6-20-19
REVISED ROAD GRADES PER PB COMMENTS	6-5-19

PLAN & PROFILE - P8

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

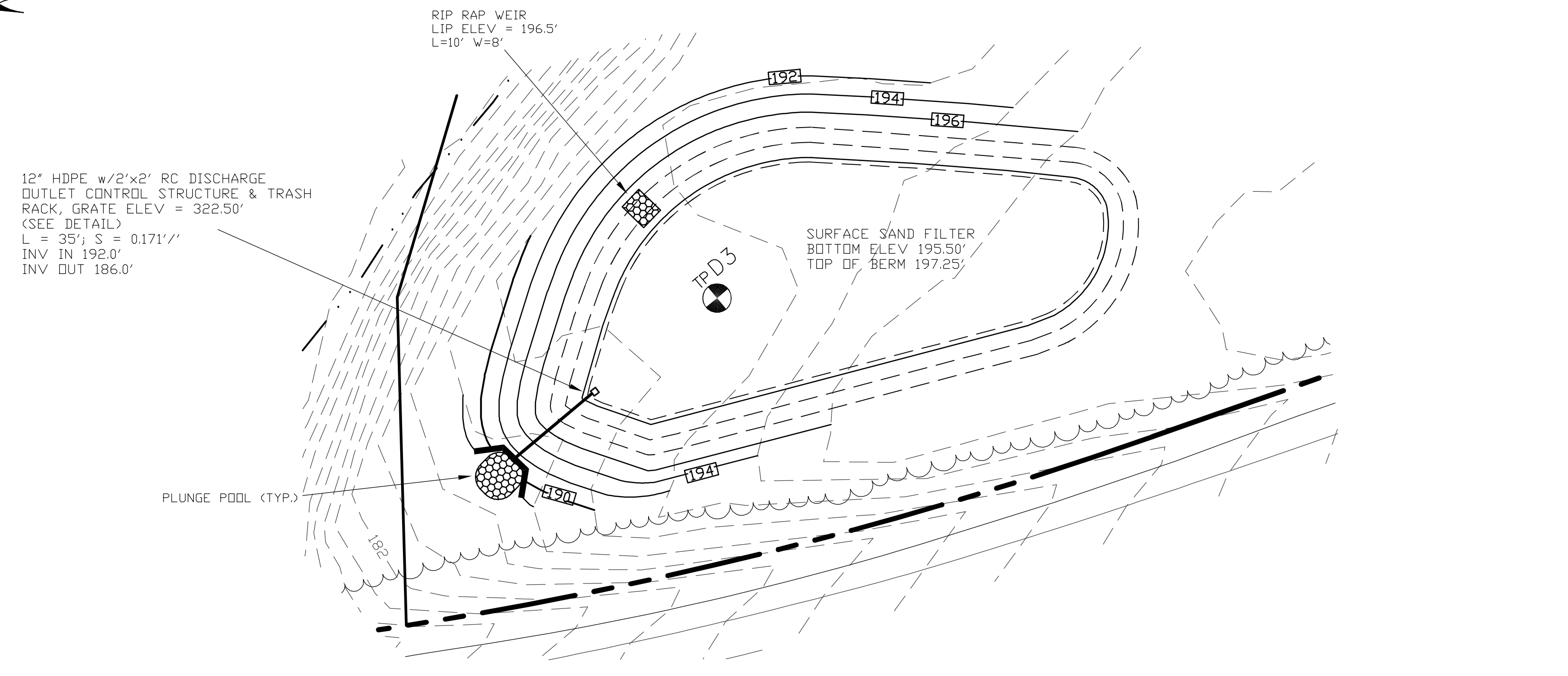
DATE: MAY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 26 OF 37



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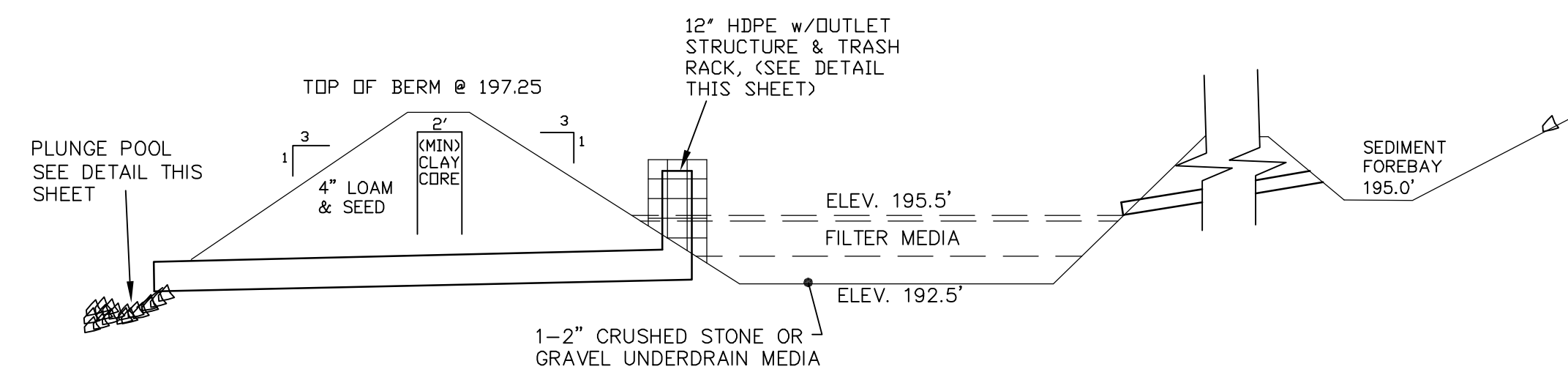


12" HDPE w/2"x2" RC DISCHARGE
 OUTLET CONTROL STRUCTURE & TRASH
 RACK, GRATE ELEV = 322.50'
 L = 35' S = 0.1711"
 INV IN 192.0'
 INV OUT 186.0'

RIP RAP WEIR
 LIP ELEV = 196.5'
 L=10' W=8'

SURFACE SAND FILTER
 BOTTOM ELEV 195.50'
 TOP OF BERM 197.25'

PLUNGE POOL (TYP.)



FILL MATERIAL FOR EMBANKMENT SHALL BE TAKEN FROM APPROVED BORROW AREAS. IT SHALL BE CLEAN MINERAL SOIL FREE OF ROOTS, ORGANIC MATTER, AND OTHER DELETERIOUS SUBSTANCES. IT SHALL CONTAIN NO ROCKS OR LUMPS OVER (6) INCHES IN DIMENSION, AND NOT MORE THAN FIFTEEN PERCENT (15%) OF THE ROCKS OR LUMPS SHALL BE GREATER THAN 2 1/2 INCHES OR LESS AND BE COMPACTED TO AT LEAST 90% OF ASTM D-1557. FILL MATERIAL SHALL MEET NHDOT ITEM 304.2: 6" PASSING 100%, #4 SIEVE 70-100%, #200 SIEVE 0-12%.

1. THE CORE FOR THE DETENTION BASIN EMBANKMENT SHALL BE CONSTRUCTED OF SILTY CLAY BORROW. THIS MATERIAL SHALL CONTAIN AT LEAST 75% BY WEIGHT PARTICLES PASSING A #200 SIEVE. IT SHALL CONTAIN NO PARTICLES LARGER THAN 3 INCHES. THIS MATERIAL SHALL HAVE A PLASTIC INDEX OF 8 OR GREATER. THE ENTIRE EMBANKMENT AREA SHALL BE STRIPPED OF ALL ORGANIC SOILS PRIOR TO PLACEMENT OF CLAY BORROW. THE CLAY BORROW SHALL BE PLACED IN LIFTS OF 12 INCHES OR LESS AND BE COMPACTED TO AT LEAST 90% OF ASTM D-1557. THE CLAY SHALL BE PLACED AND COMPACTED AT A MOISTURE CONTENT OF OPTIMUM PLUS OR MINUS 3%. NO ORGANIC SOILS OR FROZEN MATERIAL SHALL BE PLACED IN THE CLAY BORROW. MINIMUM CORE THICKNESS SHALL BE (2) FEET.

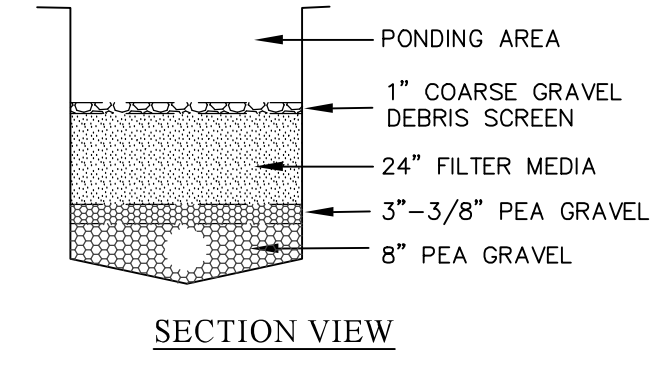


Table 4-3. Filter Mixtures			
Component Material	Percent of Mixture by Volume	Gradation of Material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5
Filter Media Option B			
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5
	70 to 80	10	85 to 100
Loamy coarse sand		20	70 to 100
		80	15 to 40
		200	8 to 15

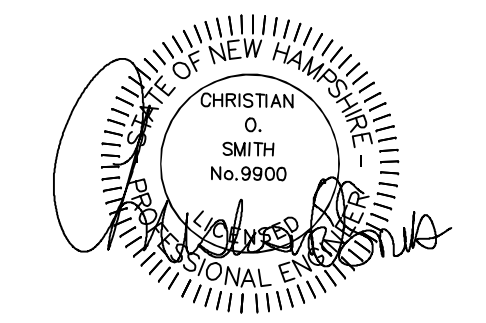
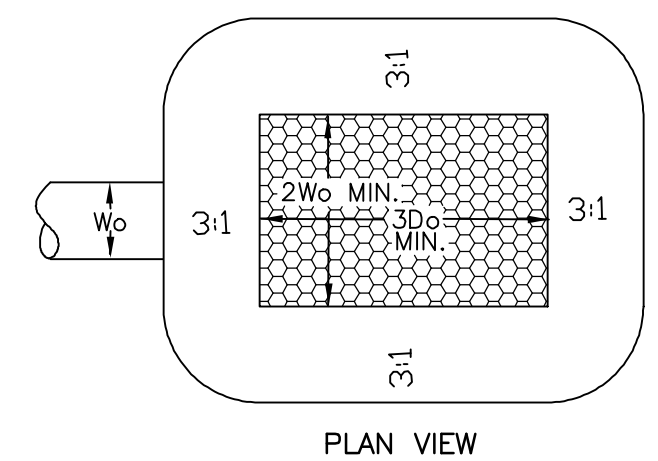
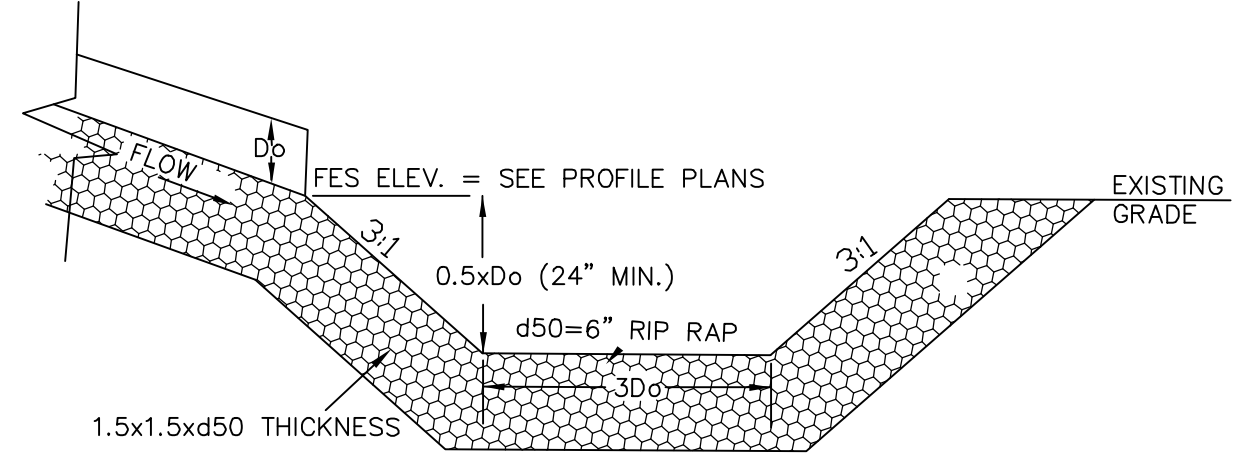
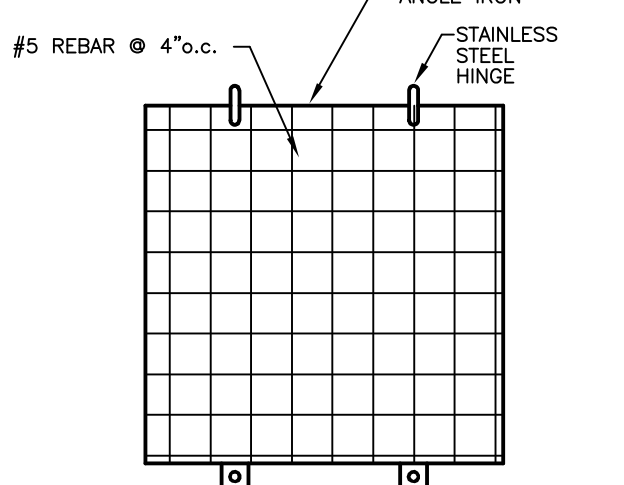
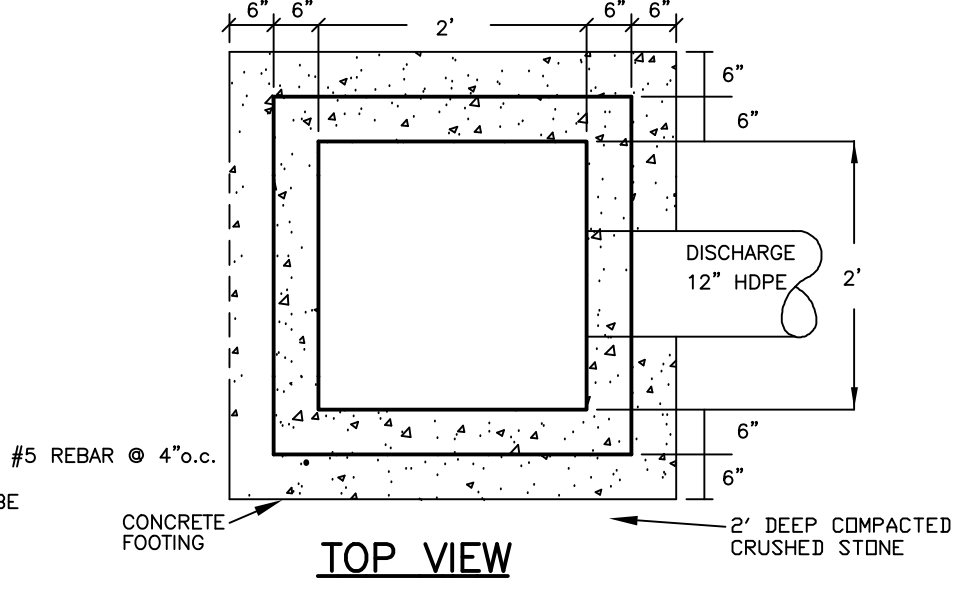
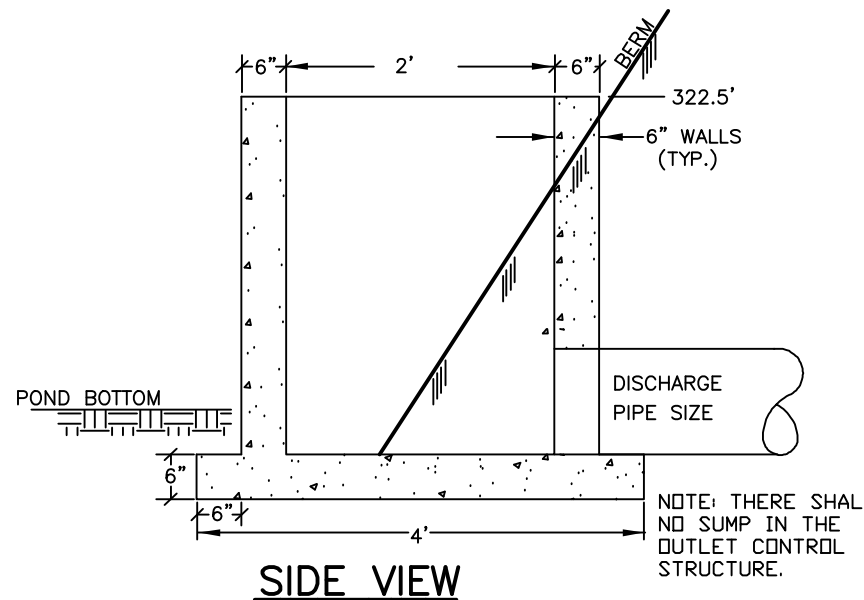
**SAND FILTER POND PROFILE
 NTS**

NOTES

1. REINFORCING STEEL SHALL CONSIST OF A SINGLE LAYER OF HORIZ. AND VERT. PLACED #4 REBAR @ 12" O.C.
2. CONCRETE BOX TO BE CONSTRUCTED OR PRE CAST OF EQUAL DIMENSIONS & REINFORCING
3. CONCRETE SLAB TO BE CONSTRUCTED ALONG W/ BASE. FOR PRE CAST BOX, A SLOTTED CONCRETE SLAB TO BE USED.
4. SECTION JOINTS AND PIPE OPENING SHALL BE SEALED WITH MORTAR BY CONTRACTOR.
5. ALL EXPOSED REBAR TO BE PAINTED WITH RUST-RESISTANT PAINT, COLOR AT CONTRACTOR'S DISCRETION.
6. TO BE SUPPLIED BY CAPITAL CONCRETE PRODUCTS OF HENNIKER, N.H., (1-603-428-3218) OR EQUAL.
7. STRUCTURE TO BE PAINTED W/ AN EXTERIOR FOREST GREEN PAINT OR SIMILAR AND SCREENED W/ SHRUBS

LIST OF MATERIALS

1. 5000 PSI CONCRETE
2. ANGLE IRONS @ 2' LENGTH
3. REQUIRED S.S. BOLTS & FASTENERS
4. 1/4" STEEL PLATE W/ DRILLED ORIFICES
5. 1/2 C.Y. - CRUSHED STONE FOR BASE



REVISED ACCESS DESIGN	10-8-20
REVISED PER NHF&G	3-4-20
REVISED PER NHDOT COMMENTS	2-18-20
REVISED PER REVIEW COMMENTS	6-20-19

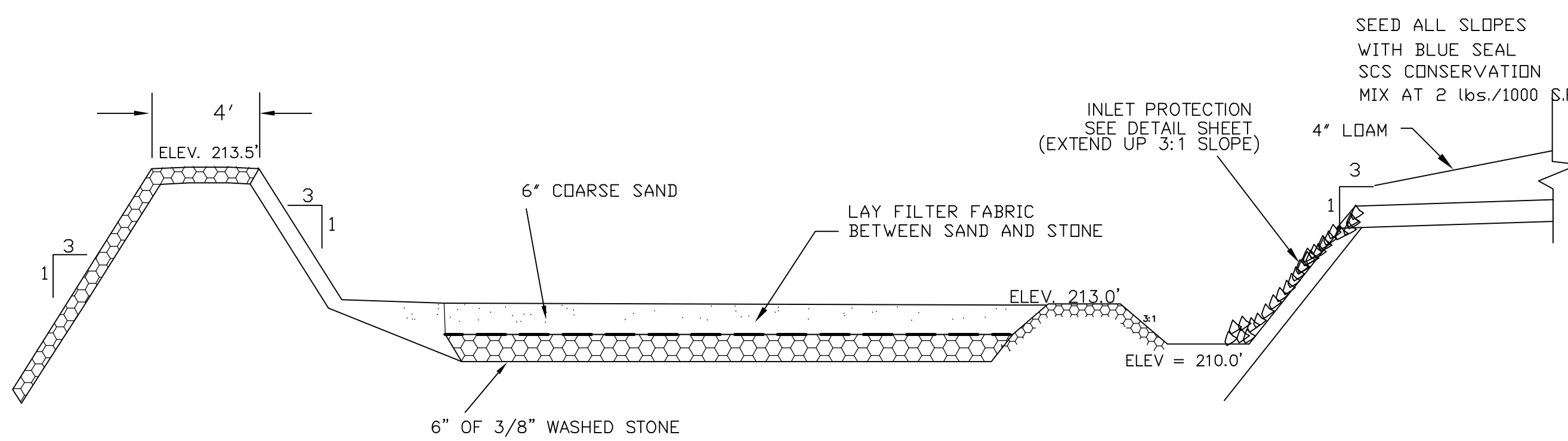
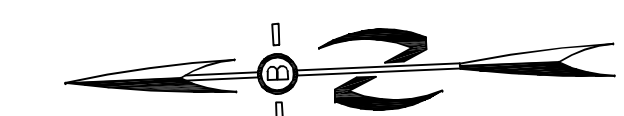
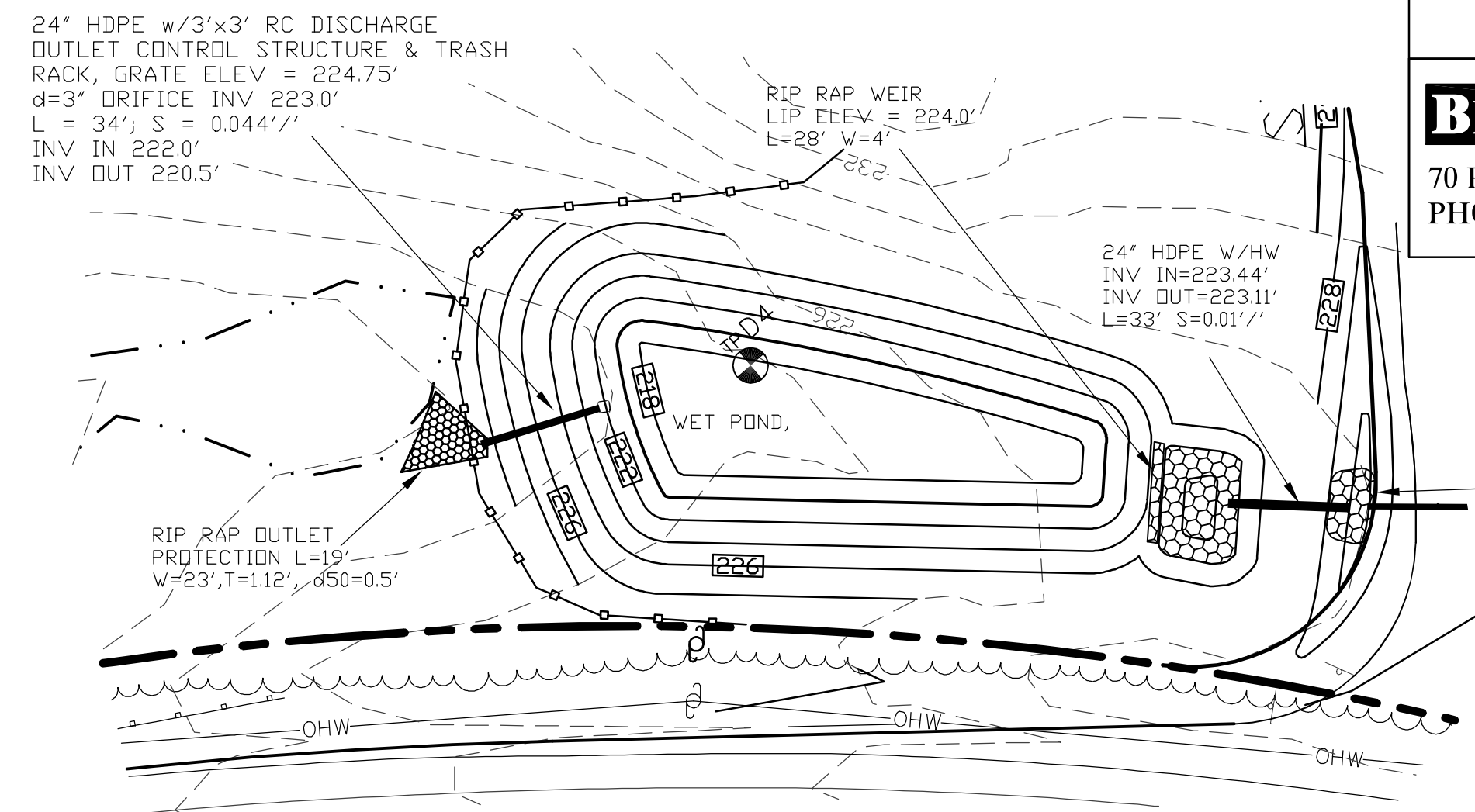
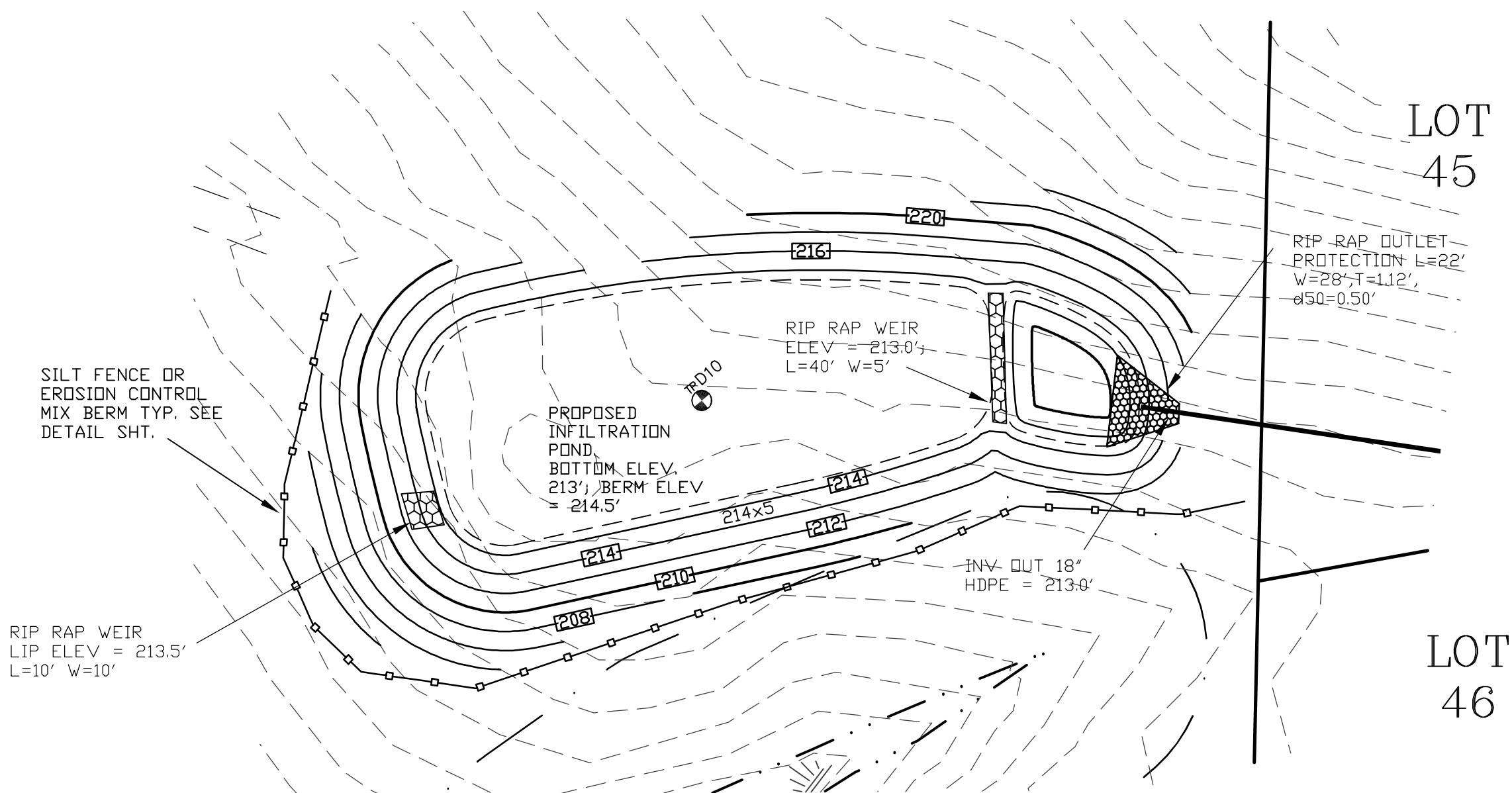
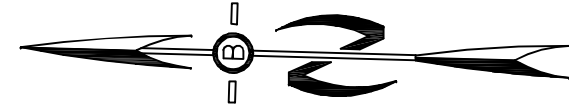
DRAINAGE BASIN PLAN

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE: MAY 2019	SCALE: 1" = 30'
PROJ. NO: NH-1144	SHEET NO. 27 OF 37

PREPARED FOR:
 ROUTE 125 DEVELOPMENT, LLC
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 PHONE: 603-583-4860, FAX: 603-583-4863



INFILTRATION BASIN NOTES:

DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATION WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.

AFTER THE INFILTRATION SYSTEM AREA IS EXCAVATED TO THE FINAL DESIGN ELEVATION, THE FLOOR SHOULD BE DEEPLY TILLED WITH A ROTARY TILLER OR DISC HARROW TO RESTORE INFILTRATION RATES. FOLLOWED BY A PASS WITH A LEVELING DRAG.

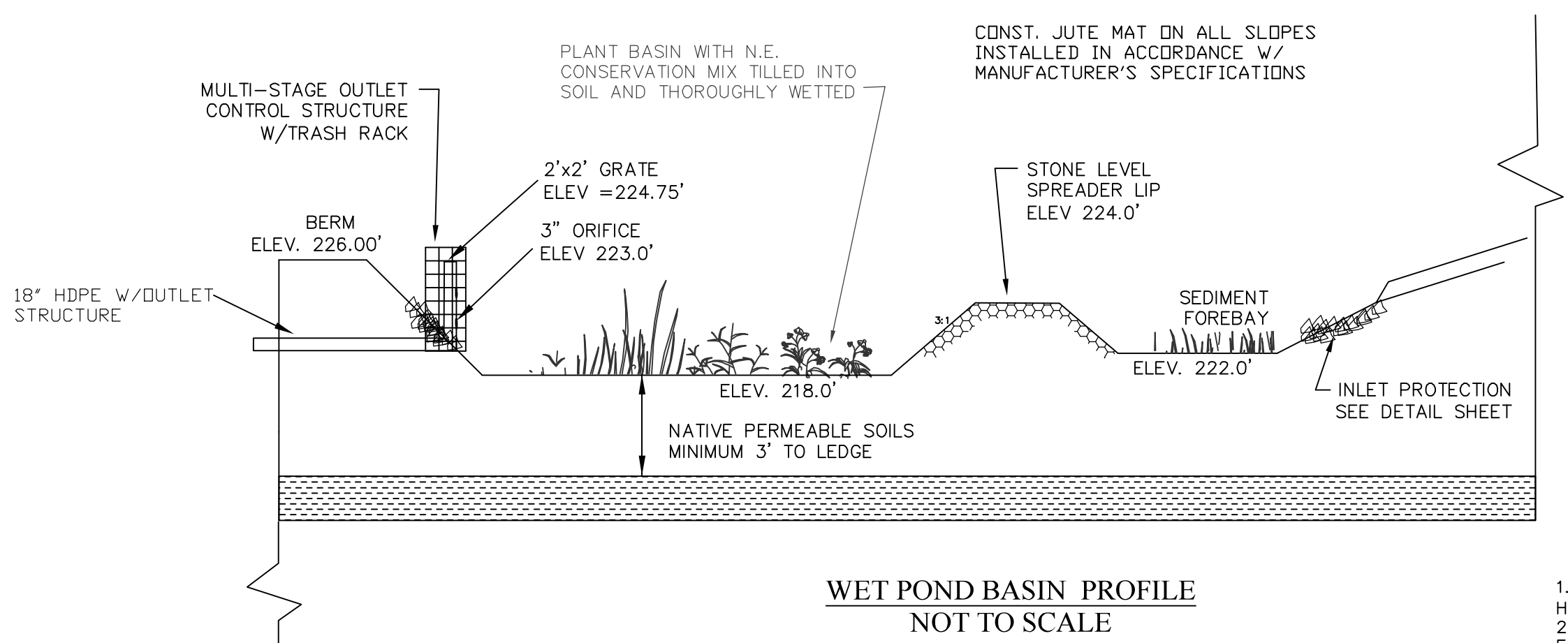
DO NOT PLACE INFILTRATION SYSTEM INTO SERVICE UNTIL THE CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.

Construction Sequence

1. Protect Infiltration basin area from compaction prior to installation.
2. After installation, protect sediment-laden water from entering inlets and pipes.
3. Install and maintain proper Erosion and Sediment Control Measures during construction.
4. If necessary, excavate Infiltration basin bottom to an uncompacted subgrade free from rocks and debris. Do NOT compact subgrade.
5. Install Outlet Control Structures.
6. Seed and stabilize topsoil. (Vegetate if appropriate with native plantings.)
7. Do not remove Inlet Protection or other Erosion and Sediment Control measures until site is fully stabilized.
8. Any sediment that enters inlets during construction is to be removed within 24 hours.

Maintenance and Inspection

- Catch Basins and Inlets (upgradient of infiltration basin) should be inspected and cleaned on an annual basis.
- The vegetation along the surface of the Infiltration basin should be maintained in good condition, and any bare spots immediately revegetated.
- Vehicles should not be parked or driven on an Infiltration Basin, and care should be taken to avoid excessive compaction by mowers.
- Inspect the completed basin and make sure that runoff drains down within 72 hours.
- Also inspect for accumulation of sediment, damage to outlet control structures, erosion control measures, signs of water contamination/spills, and slope stability in the berms.
- Mosquito's should not be a problem if the water drains in 72 hours. Mosquitoes require a considerably long breeding period with relatively static water levels.
- Mow only as appropriate for vegetative cover species.
- Remove sediment from basin accumulations. Restore original cross section and infiltration rate. Properly dispose of sediment.

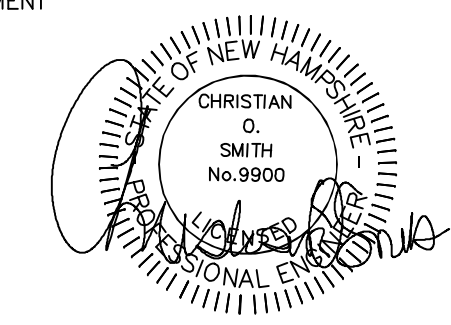
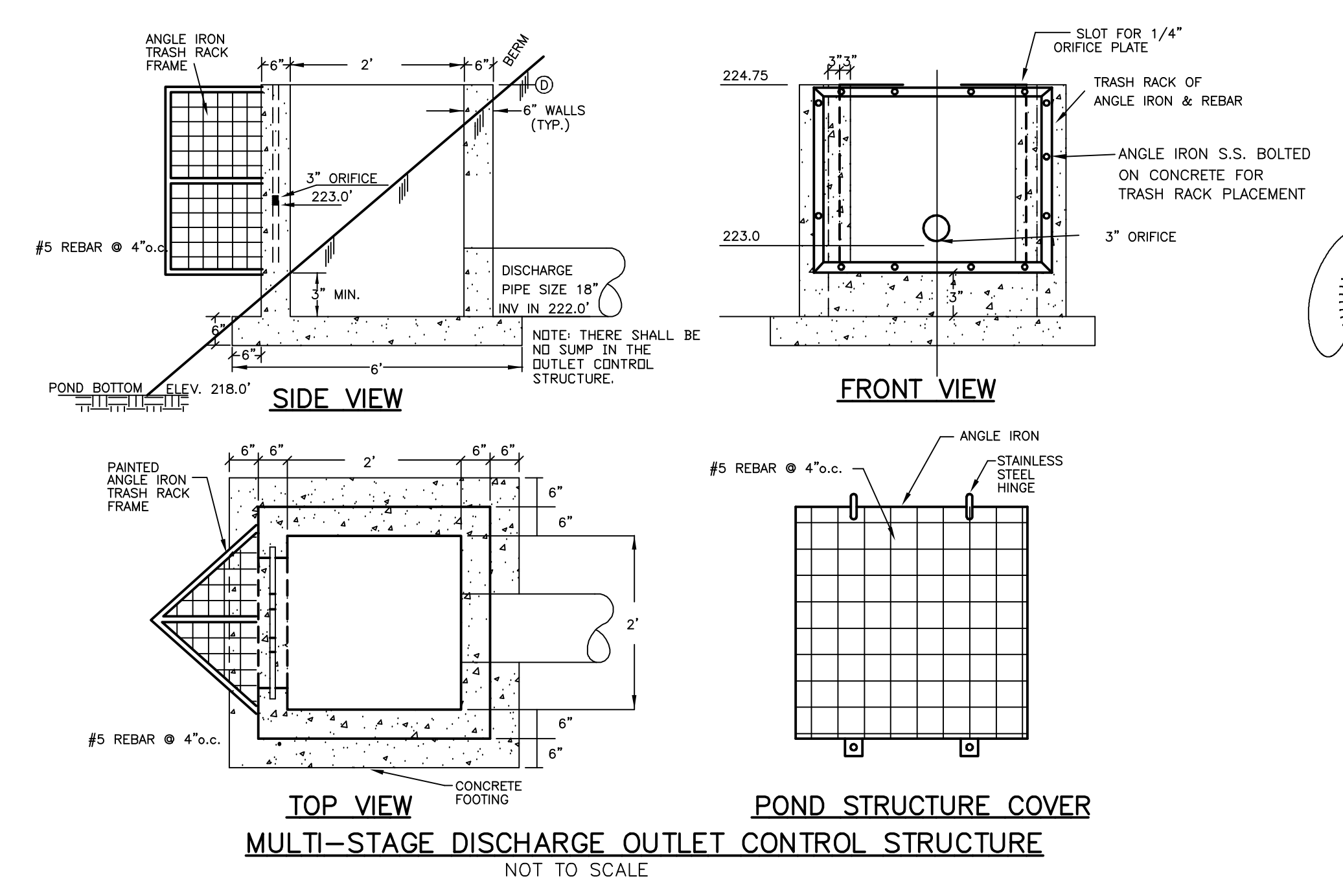


PLANTING NOTES:
 WETLAND PLANTINGS SHOULD INCLUDE:

1. GROUND COVER (SEDEGE, LOWBUSH, BLUEBERRY, ETC.)
2. LOW GROWING SHRUBS (RED OSIER DOGWOOD, WINTERBERRY OR SIMILAR) PLANTED NO CLOSER THAN 10' ON CENTER.

NOTES

1. REINFORCING STEEL SHALL CONSIST OF A SINGLE LAYER OF HORIZ. AND VERT. PLACED #4 REBAR @ 12" O.C.
2. CONCRETE BOX TO BE CONSTRUCTED OR PRE CAST OF EQUAL DIMENSIONS & REINFORCING
3. CONCRETE SLAB TO BE CONSTRUCTED ALONG W/ BASE. FOR PRE CAST BOX, A SLOTTED CONCRETE SLAB TO BE USED.
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7. STRUCTURE TO BE PAINTED W/ AN EXTERIOR FOREST GREEN PAINT OR SIMILAR AND SCREENED W/ SHRUBS



REVISED ACCESS DESIGN	10-8-20
REVISED PER NHF&G	3-4-20
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REVISED PER REVIEW COMMENTS	6-20-19

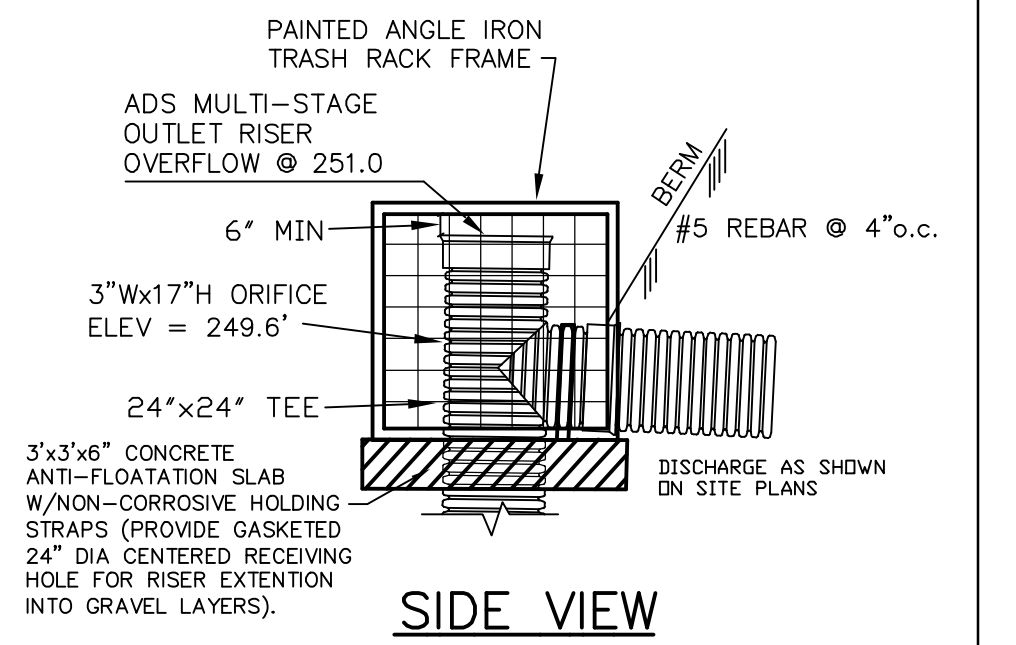
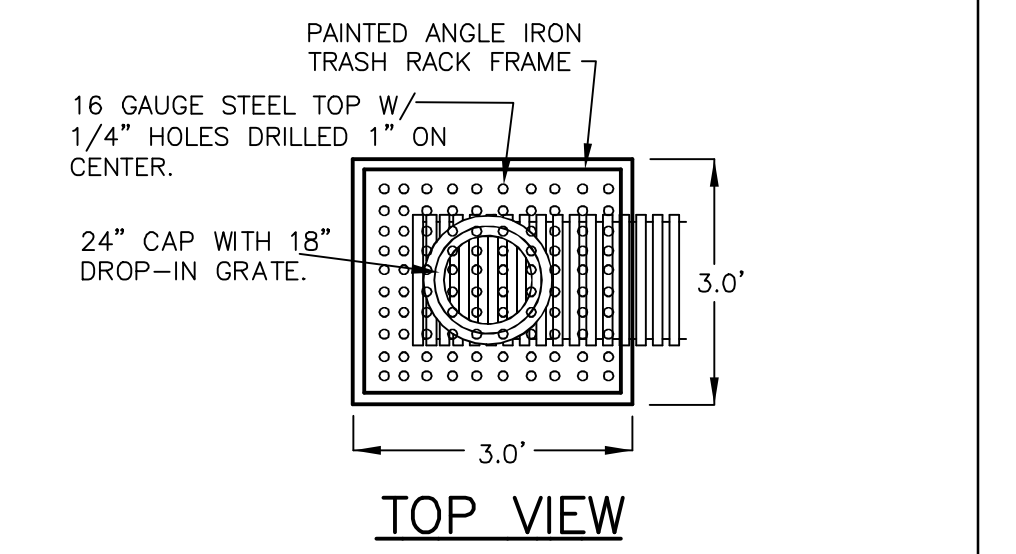
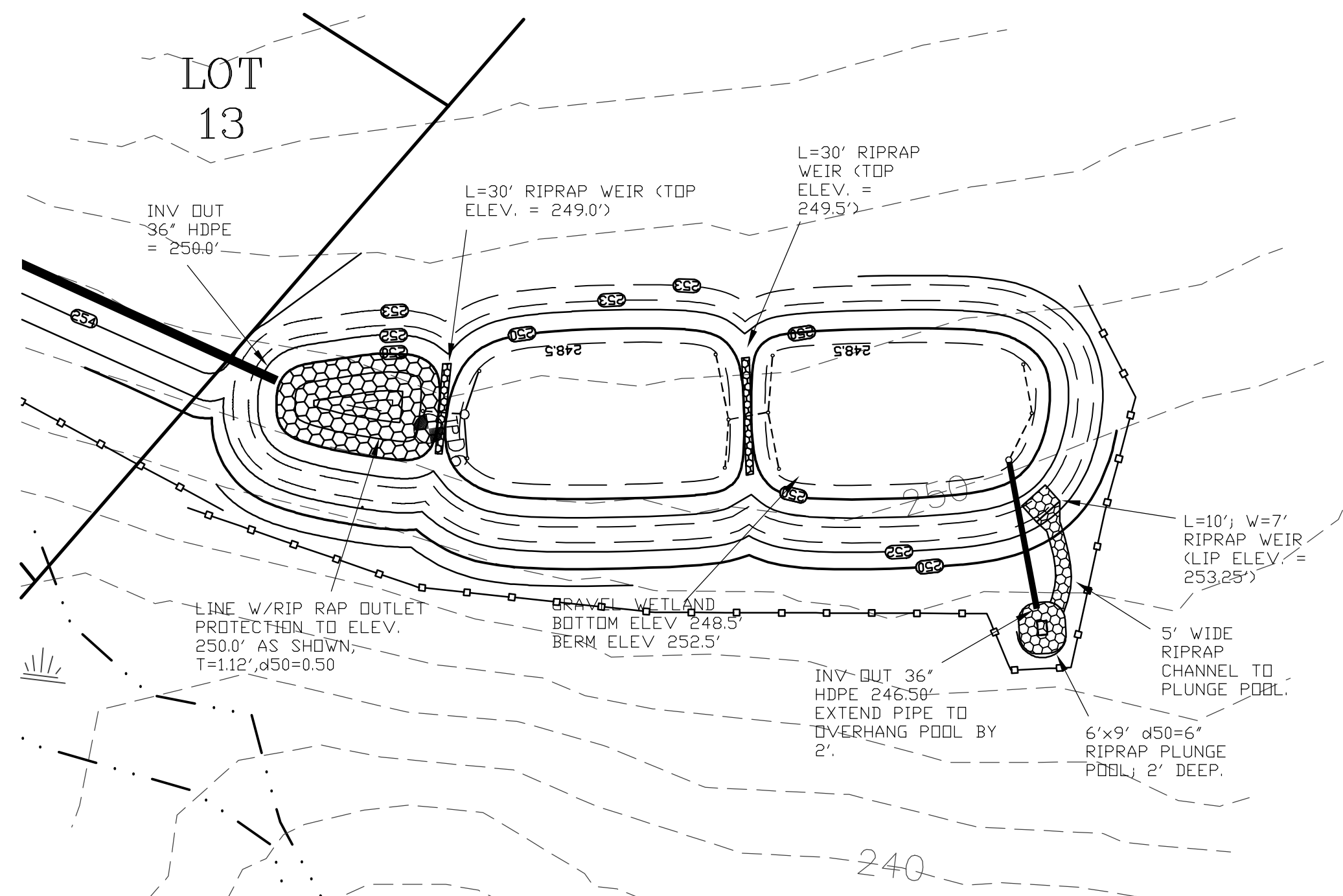
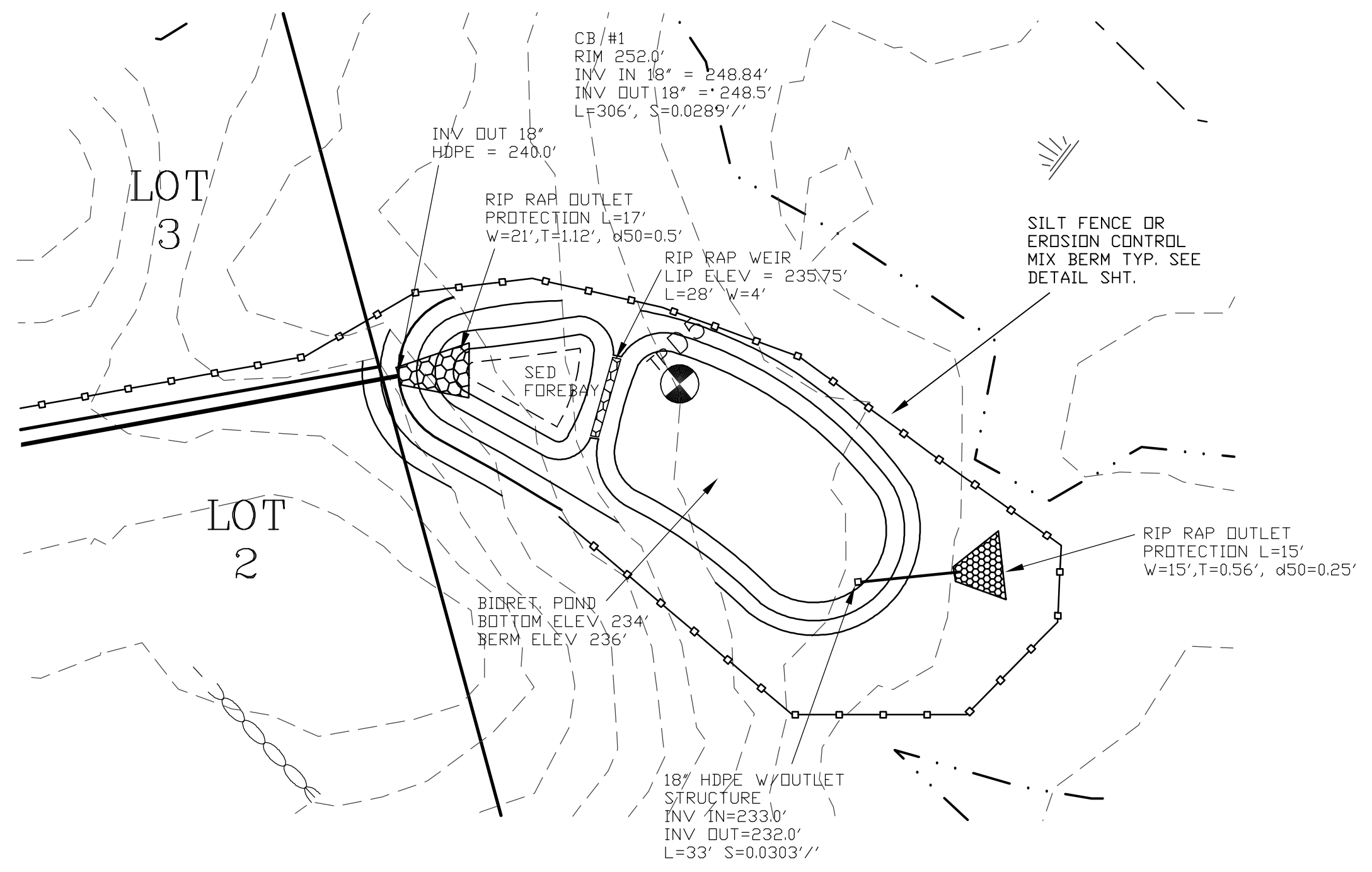
DRAINAGE BASIN PLAN

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

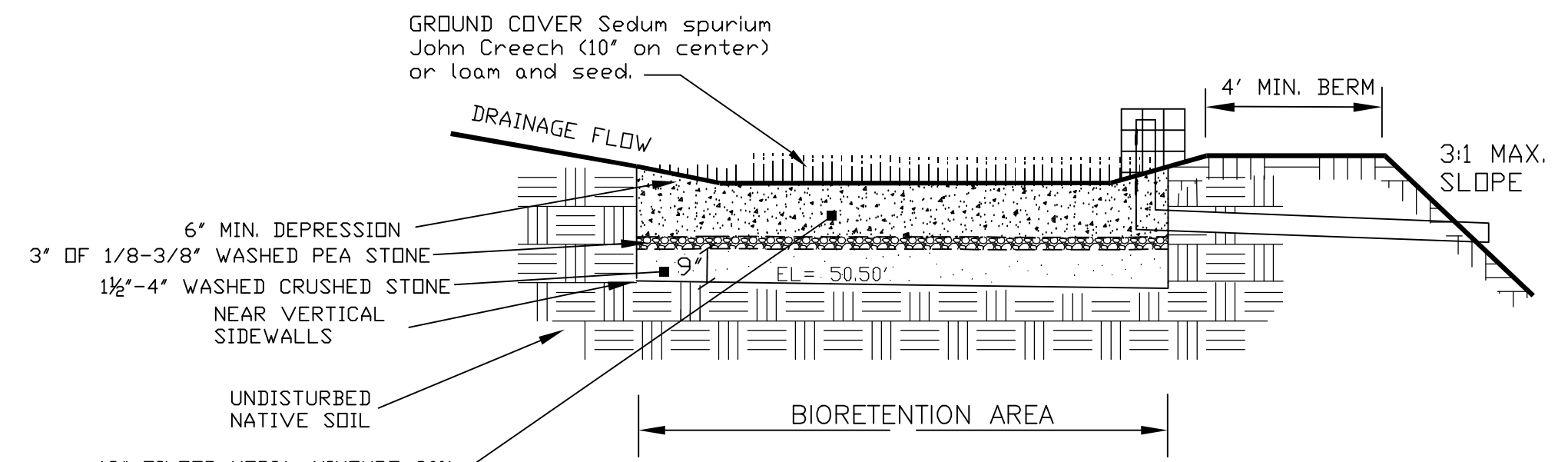
DATE: MAY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 28 OF 37

PREPARED FOR:
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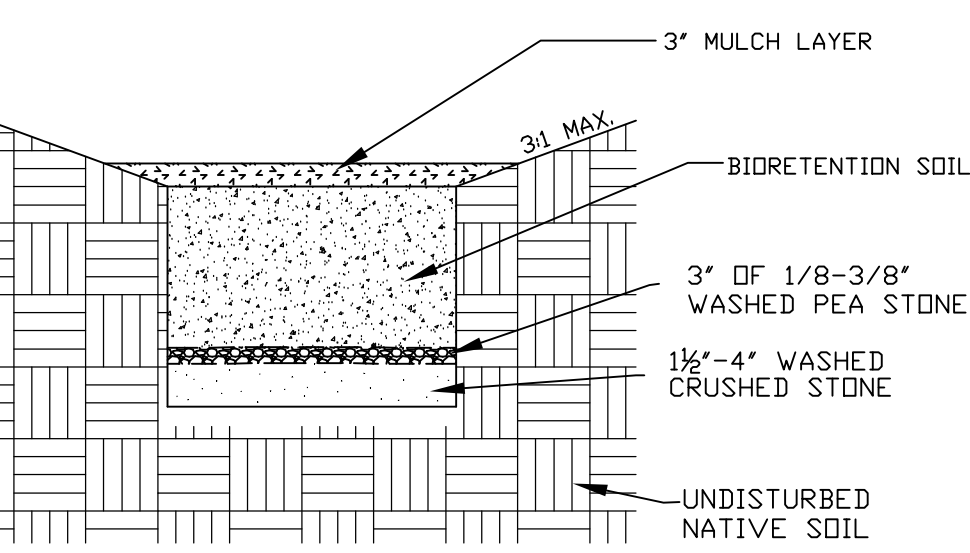
RISER-TRASH RACK DETAIL
 NOT TO SCALE



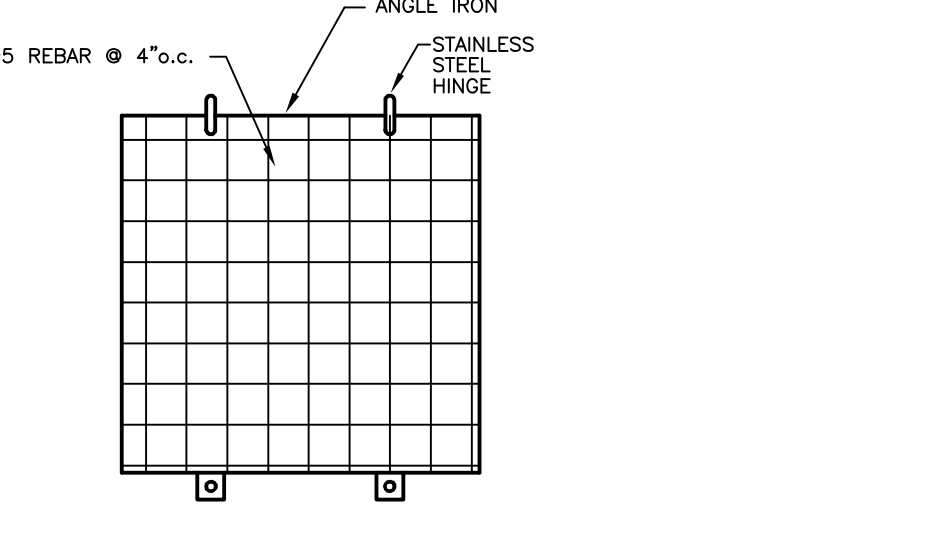
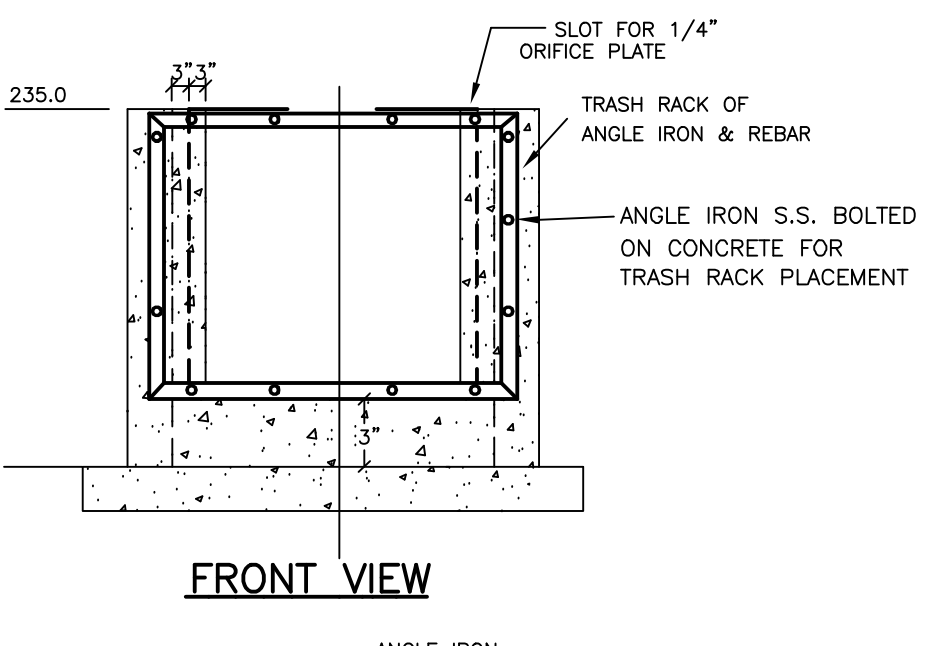
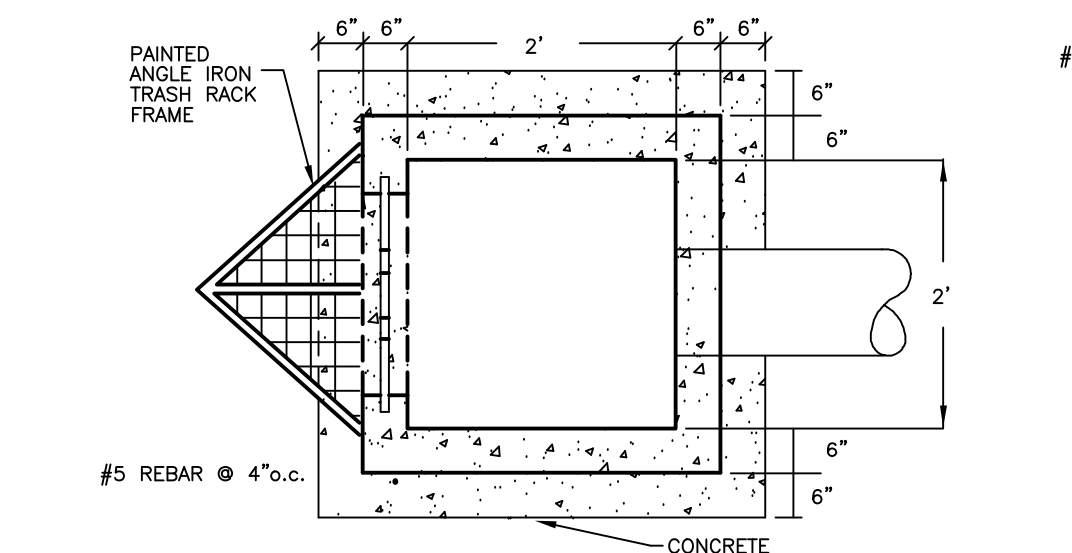
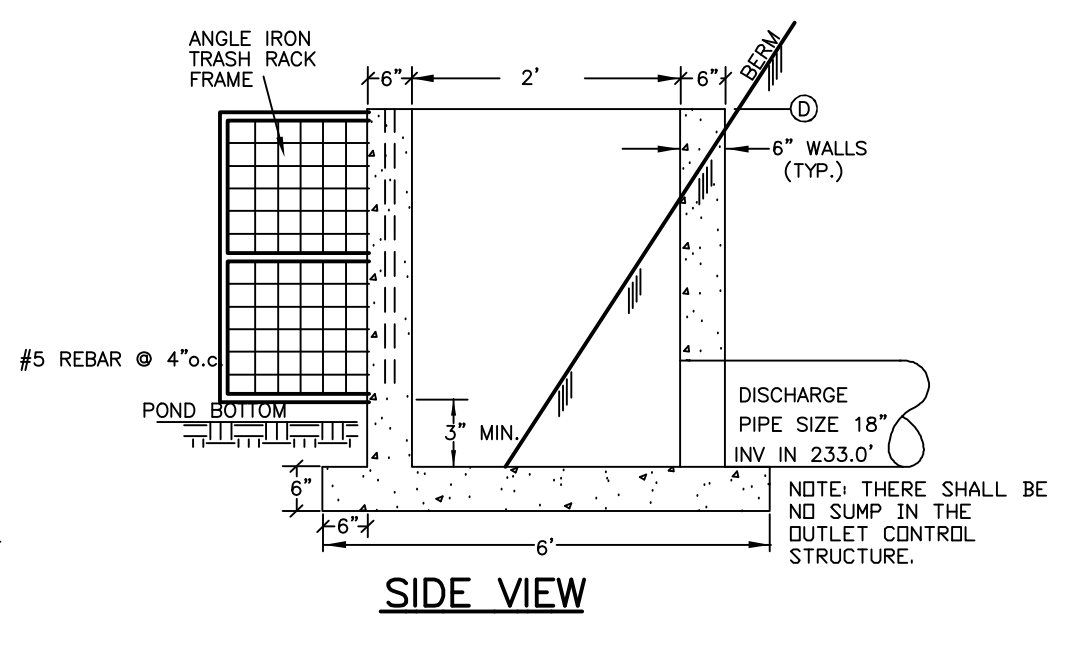
BIORETENTION POND PROFILE DETAIL
 NOT TO SCALE

NOTES:
 1. SCARIFY SIDES AND BOTTOM OF BIORETENTION AREA TO FACILITATE NATURAL INFILTRATION RATES.
 2. POND SURFACE TO BE FINISHED WITH 3" BARK MULCH OR 4" LOAM & SEED

DRAINAGE NOTES:
 DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATION WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM.
 DO NOT PLACE SYSTEM INTO SERVICE UNTIL THE BMP 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 BIO-RETENTION AREA DURING ANY STAGE OF CONSTRUCTION.

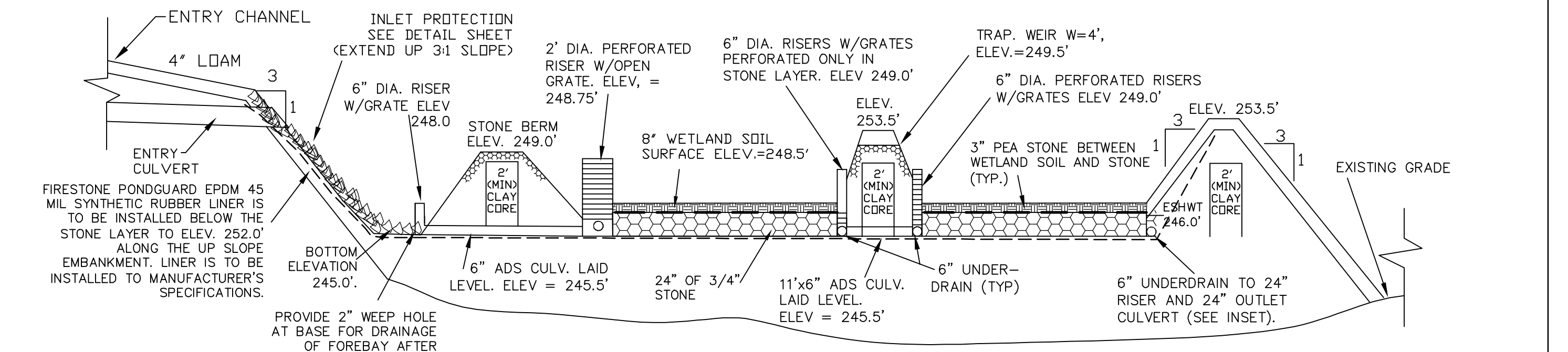


BIORETENTION SECTION
 NOT TO SCALE

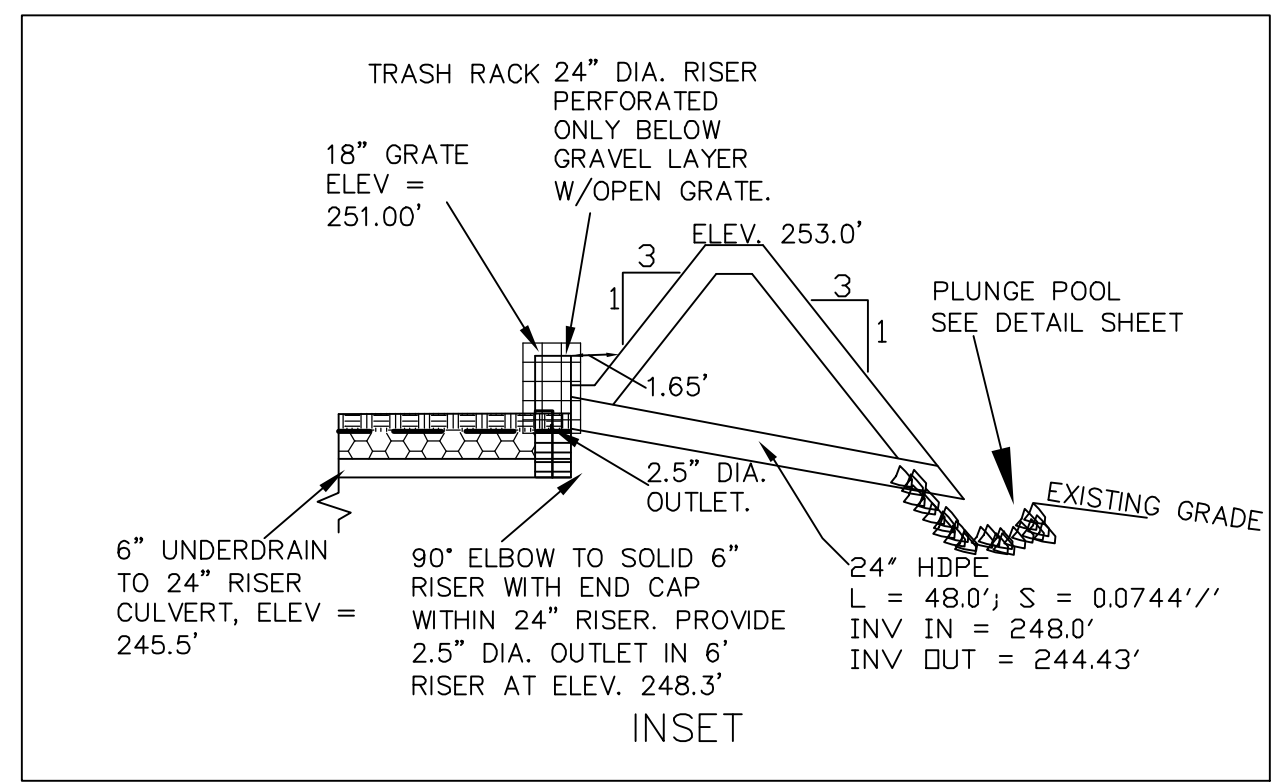


MULTI-STAGE DISCHARGE OUTLET CONTROL STRUCTURE
 NOT TO SCALE

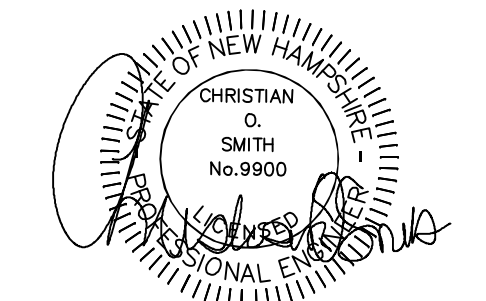
SEED ALL SLOPES WITH BLUE SEAL SCS CONSERVATION MIX AT 2 lbs./1000 S.F.
 NOTE: BAYS TO BE SEEDDED WITH N.E. CONSERVATION MIX.



SECTION OF GRAVEL WETLAND
 NOT TO SCALE



INSET



REVISED PER NHF&G	3-4-20
REVISED PER REVIEW COMMENTS	6-20-19

DRAINAGE BASIN PLAN

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

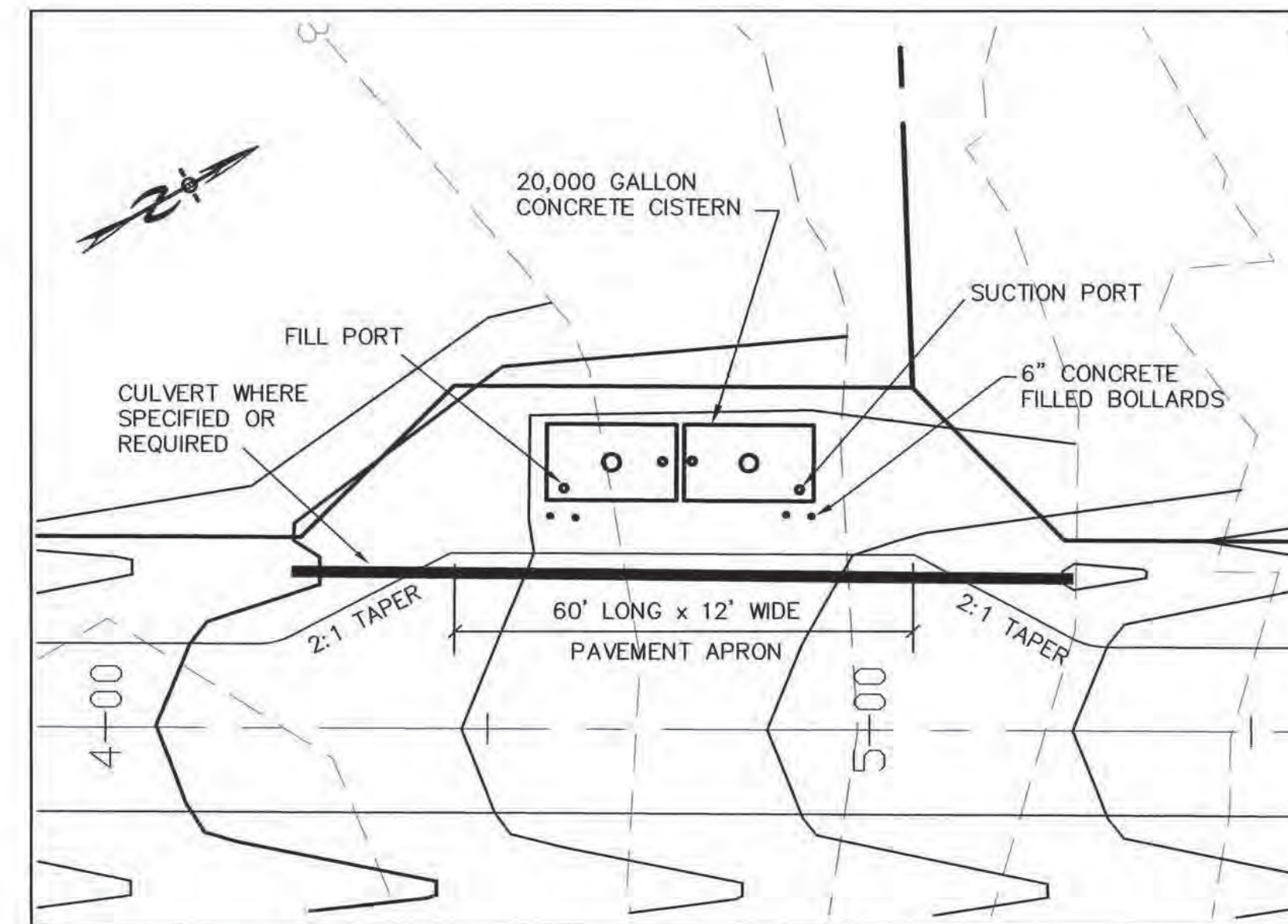
DATE: MAY 2019	SCALE: 1" = 40'
PROJ. NO: NH-1144	SHEET NO. 29 OF 37

PREPARED FOR:
 ROUTE 125 DEVELOPMENT, LLC
 JOSEPH FALZONE
 7B EMERY LANE
 STRATHAM, N.H. 03885

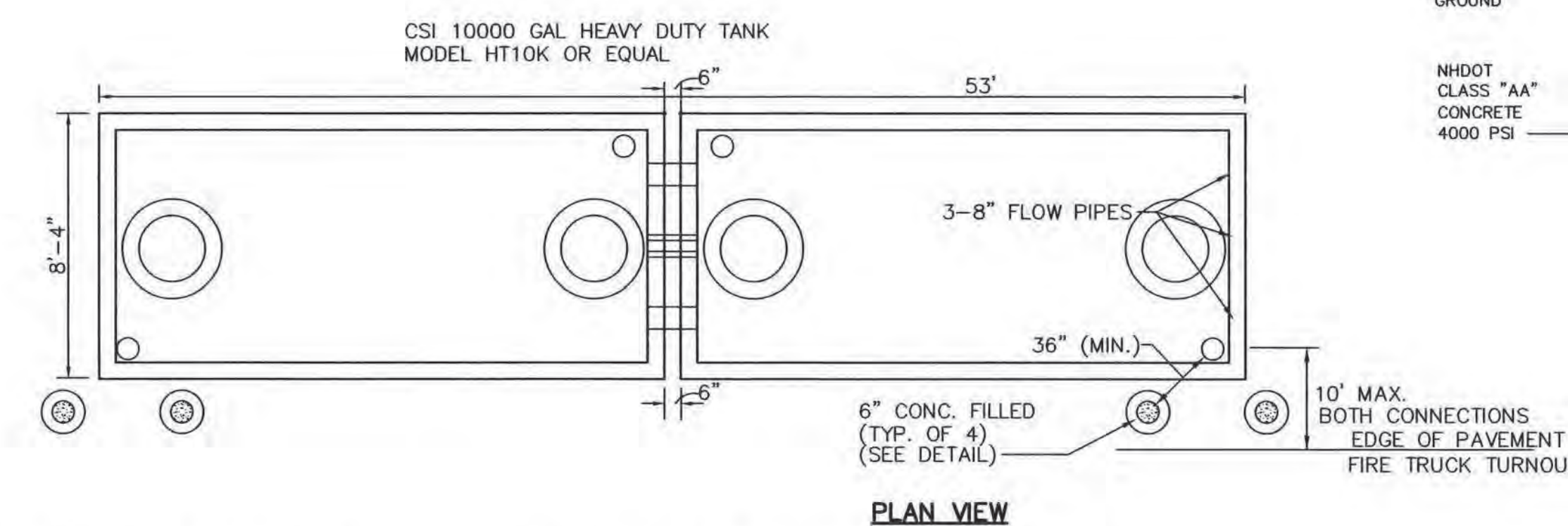
BEALS ASSOCIATES PLLC
 70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
 PHONE: 603-583-4860, FAX: 603-583-4863

CISTERN SPECIFICATIONS

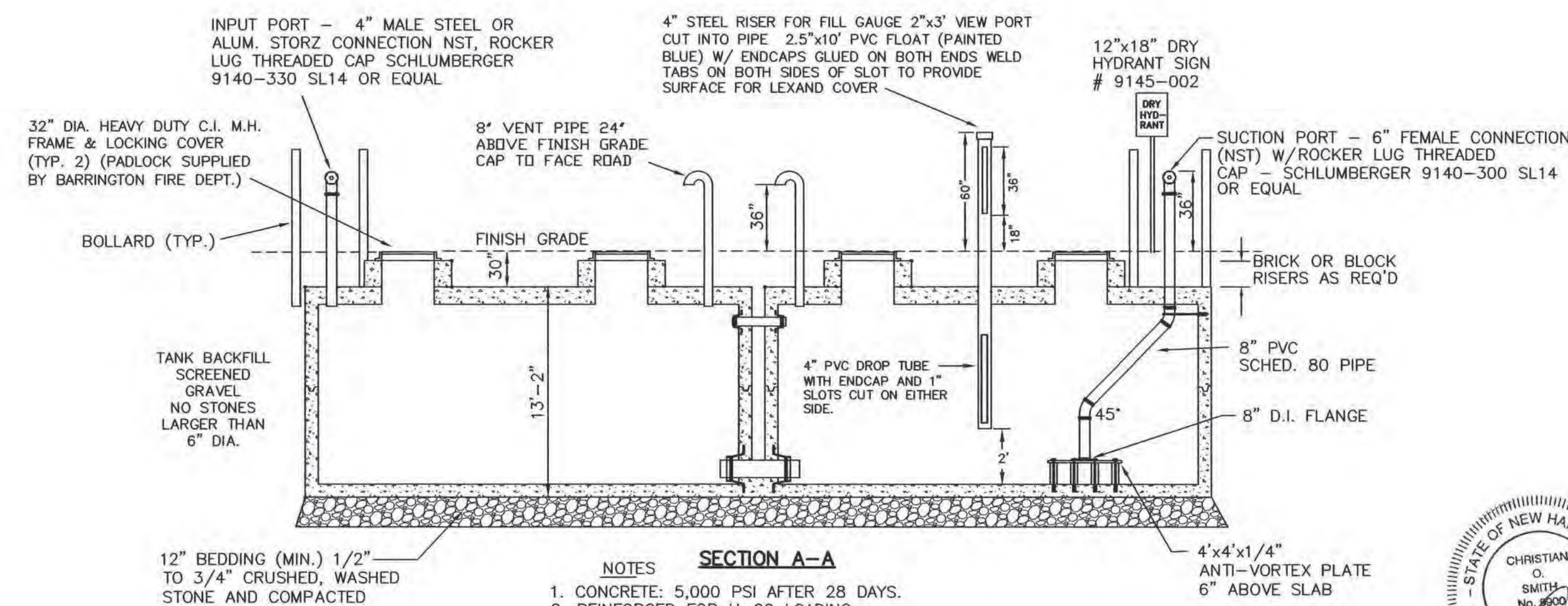
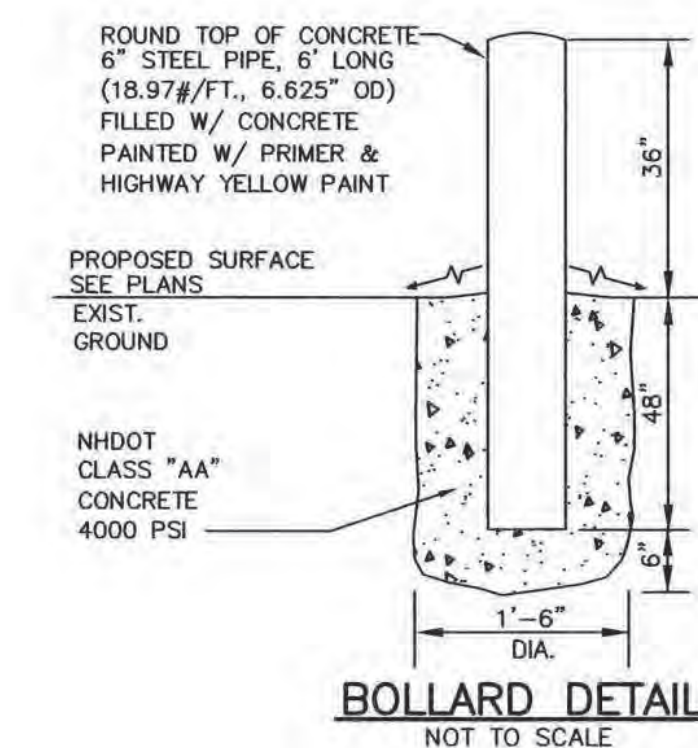
1. THE CISTERN SHALL BE DESIGNED TO BE TROUBLE FREE, AND IT SHALL BE DESIGNED TO LAST 50 YEARS.
2. THE MINIMUM CAPACITY SHALL BE 20,000 GALLONS. DEPENDING ON THE DEVELOPMENT LAYOUT/CONFIGURATION, ADDITIONAL GALLON REQUIREMENTS MAY BE IMPOSED AT THE DISCRETION OF THE FIRE CHIEF. ALL EXCEPTIONS, ADDITIONS, OR DELETIONS WILL BE IN WRITING.
3. THE SUCTION CAPACITY SHALL BE CAPABLE OF DELIVERING 1,000 GALLONS PER MINUTE (GPM) FOR THREE-QUARTERS OF THE CISTERN CAPACITY.
4. THE ENTIRE CISTERN AND APPURTENANCES SHALL BE RATED FOR HS-20 HIGHWAY LOADING.
5. DRAWINGS OF THE DESIGN ARE FOR ESTIMATING GENERAL REQUIREMENT AND DESIGN PURPOSES ONLY AND ARE NOT INTENDED FOR USE AS DESIGN.
6. EACH CISTERN SHALL BE DESIGNED, SITED TO THE PARTICULAR LOCATION, STAMPED BY A REGISTERED ENGINEER, AND APPROVED BY THE FIRE CHIEF.
7. ALL SUCTION AND FILL PIPING SHALL BE AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM) SCHEDULE 40 STEEL. ALL VENT PIPING SHALL BE ASTM SCHEDULE 40 STEEL WITH WELDED JOINTS. ALL PIPING LOCATED WITHIN THE TANK SHALL BE ASTM SCHEDULE 40 STEEL WITH WELDED JOINTS. ALL PIPING LEADING FROM THE TANK TO THE HYDRANT SHALL BE ASTM SCHEDULE 40 STEEL.
8. THE FINAL SUCTION CONNECTION SHALL BE FIVE INCH PUMPER NOZZLE WITH A CAP. THE SUCTION PIPE SHALL BE BRACED TO ENSURE DURABILITY DURING PUMPING OPERATIONS. THE FIRE CHIEF SHALL APPROVE BRACE CONFIGURATION AND INSTALLATION. THE SUCTION PIPE CONNECTION SHALL BE TWENTY-FOUR INCHES ABOVE THE LEVEL OF THE VEHICLE PAD WHERE VEHICLE WHEELS WILL BE LOCATED WHEN THE CISTERN IS IN USE.
9. THE FILLER CONNECTION SHALL BE 4" MALE STEEL STORZ FITTING. THIS FITTING SHALL BE 24" ABOVE FINISH GRADE AND FACE THE ROAD. A THIRTY-TWO INCH DIAMETER MANHOLE WITH COVER WILL BE LOCATED ON TOP OF THE CISTERN. THE CONFIGURATION OF THIS MANHOLE SHALL ALLOW THE UNIT TO BE SECURED WITH TWO PADLOCKS AND SHALL BE APPROVED BY THE FIRE CHIEF. THE PADLOCKS WILL BE SUPPLIED BY THE FIRE DEPARTMENT.
10. THE DISTANCE FROM THE BOTTOM OF THE SUCTION PIPE TO THE PUMPER CONNECTION SHALL NOT EXCEED FOURTEEN FEET VERTICAL.
11. ALL HORIZONTAL SUCTION PIPING SHALL SLOPE SLIGHTLY UPHILL TOWARD THE PUMPER CONNECTION.
12. BEDDING FOR THE CISTERN SHALL CONSIST OF A MINIMUM OF TWELVE INCHES OF 3/4" TO 1 1/2" WASHED PEA STONE, COMPACTED. NO FILL SHALL BE USED UNDER THE STONE. OVER EXCAVATION SHALL BE FILLED WITH THE SAME STONE BEDDING MATERIAL.
13. ALL BACKFILL MATERIALS SHALL BE SCREENED GRAVEL WITH NO STONES LARGER THAN SIX INCHES AND SHALL BE COMPACTED TO 95 PERCENT OF ITS ORIGINAL VOLUME IN ACCORDANCE WITH ASTM D 1557. 16. THE TOP OF CISTERN SHALL BE INSULATED WITH VERMIN RESISTANT FOAM INSULATION AND TWO FEET OF BACKFILL WITH A MINIMUM WEIGHT OF 120 PCF, COMPACTED. FOAM USED FOR THIS INSTALLATION SHALL BE CLOSED CELL POLYURETHANE FOAM WITH AN INSULATION FACTOR OF R=5 PER INCH. ALL BACKFILL SHALL EXTEND TEN FEET BEYOND THE EDGE OF THE VEHICLE PAD AND THEN HAVE A MAXIMUM OF 3:1 SLOPE, LOAM AND SEEDED.
14. BEFORE ANY BACKFILLING IS DONE THE ENTIRE CISTERN SHALL BE COMPLETED AND INSPECTED BY THE FIRE CHIEF.
15. AFTER BACKFILLING, BOLLARDS OR LARGE STONES SHALL BE PLACED TO PROTECT THE TANK AND APPURTENANCES.
16. THE PITCH OF THE SHOULDER AND VEHICLE PAD FROM THE EDGE OF THE PAVEMENT TO THE PUMPER SUCTION CONNECTION SHALL BE ONE PERCENT TO THREE PERCENT DOWNGRADE.
17. THE SHOULDER AND VEHICLE PAD SHALL BE OF A SUFFICIENT LENGTH TO ALLOW CONVENIENT ACCESS TO THE SUCTION CONNECTION WHEN THE PUMPER IS SET AT 45 DEGREES TO THE ROAD. THE SHOULDER AND VEHICLE PAD SECTION SHALL CONSIST OF 3" BITUMINOUS PAVING, REFER TO SITE PLAN FOR REQUIREMENTS.
18. THE SUCTION FITTING SHALL BE LOCATED BETWEEN 22 AND 24 FEET FROM THE NEAREST RUNNING EDGE OF ROAD PAVEMENT. TWO CONCRETE FILLED STEEL BOLLARDS SHALL BE PLACED IN A MANNER TO PROTECT THE HYDRANT. THE BASE OF THESE BOLLARDS SHALL EXTEND BELOW THE LEVEL OF THE VEHICLE PAD WHERE VEHICLE WHEELS WILL BE LOCATED WHEN THE CISTERN IS IN USE.
19. ALL CONSTRUCTION, BACKFILL, AND GRADING MATERIALS SHALL BE IN ACCORDANCE WITH PROPER CONSTRUCTION PRACTICES AND SHALL BE ACCEPTABLE TO THE FIRE CHIEF.
20. THE FIRE CHIEF (OR REPRESENTATIVE) AND THE ENGINEER'S INSPECTOR WILL BE NOTIFIED BY THE CONTRACTOR TO OBSERVE THE FOLLOWING POINTS OF INSTALLATION:
 - A. EXCAVATION COMPLETE.
 - B. CRUSHED STONE INSTALLED AND COMPACTED
 - C. BACKFILLING COMPLETE PRIOR TO PLACEMENT OF INSULATION.
 - D. PLACEMENT OF INSULATION.
 - E. START AND FINISH OF LEAKAGE TEST.
 - F. PIPING MANWAYS AND BOLLARDS IN PLACE AND PAINTED.
 - G. ALL BACKFILLING LOAM, SEED, ETC. COMPLETE WITH TURNOUT GRAVEL IN PLACE AND GRADED.
 - H. PAVEMENT COMPLETE, AND ALL OTHER WORK 100% COMPLETE.
21. THE FIRE CHIEF SHALL BE NOTIFIED OF THE DATE THAT SITE WORK IS TO BEGIN.
22. ANY EXCEPTION, ADDITIONS, OR DELETIONS ARE DATED AND NOTED BELOW:
23. CONCRETE MUST HAVE A MINIMUM OF 150 PCF.
24. STONE AND GRAVEL BACKFILL MUST HAVE A MINIMUM OF 120 PCF.



TYPICAL CISTERN PLAN
 1"=20'



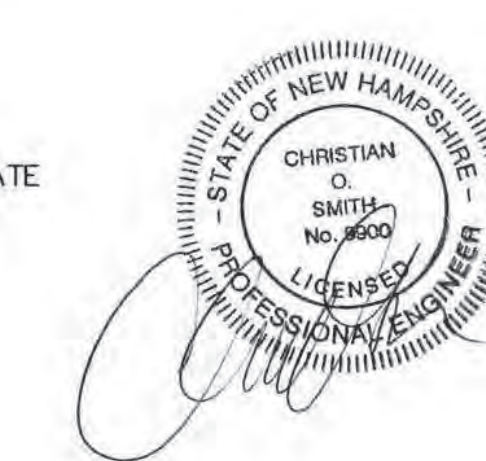
PLAN VIEW



SECTION A-A

- NOTES
1. CONCRETE: 5,000 PSI AFTER 28 DAYS.
 2. REINFORCED FOR H-20 LOADING.
 3. JOINTS SEALED WATER TIGHT.
 4. ALL BELOW GRADE EXTERIOR SURFACES OF THE TANK SHALL BE COATED WITH KOL-TAR'S BLACK SHIELD ASPHALT COATING, OR APPROVED EQUAL.
 5. CISTERN INSTALLATION MUST CONFORM WITH ALL LOCAL FIRE DEPARTMENT REQUIREMENTS.

PROPOSED 20,000 GAL. FIRE CISTERN DETAIL
 NOT TO SCALE



REVISIONS:	DATE:
CISTERN DETAIL SHEET - D3	
PLAN FOR: RESIDENTIAL DEVELOPMENT RT. 125 / OLD GREEN HILL RD. BARRINGTON, NH	
DATE: MAY 2019	SCALE: AS NOTED
PROJ. NO: NH-1144	SHEET NO. 30 OF 37

STONE BERM LEVEL SPREADER

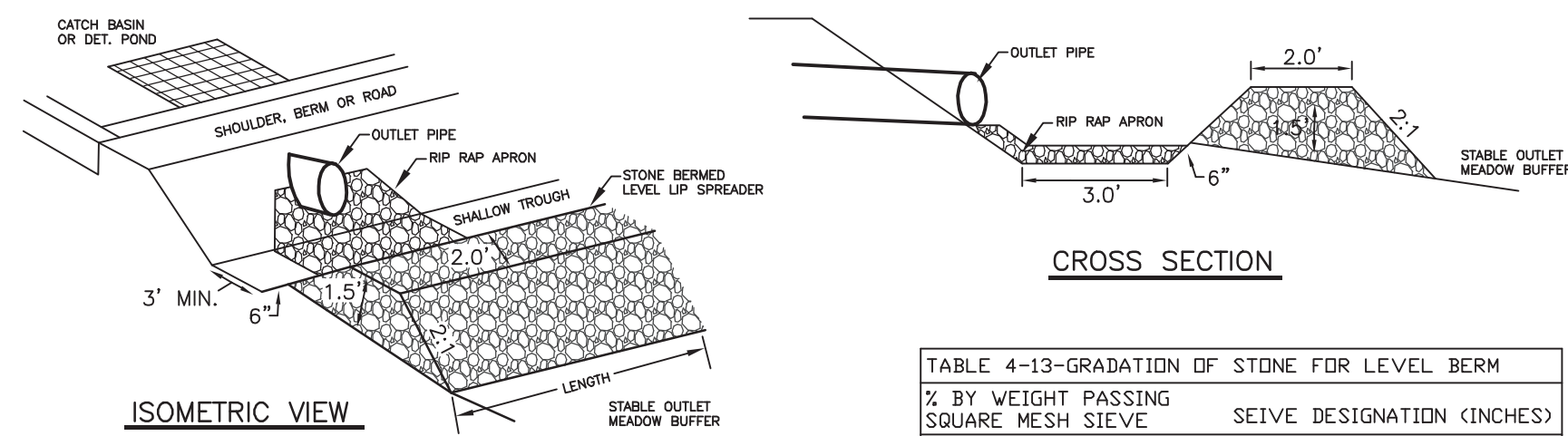
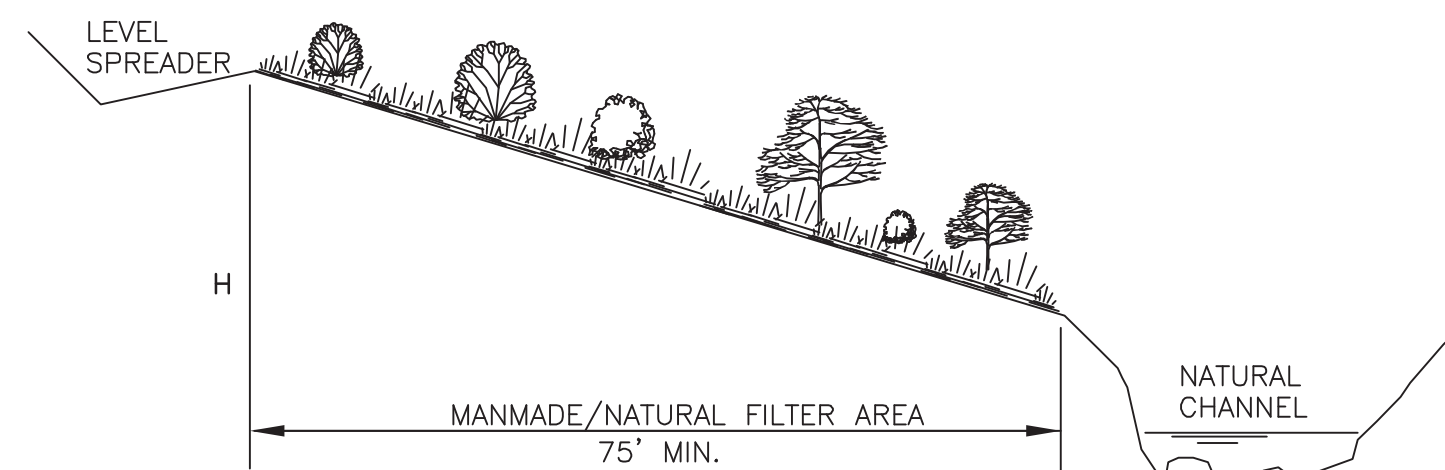


TABLE 4-13-GRADATION OF STONE FOR LEVEL BERM

% BY WEIGHT PASSING SQUARE MESH SIEVE	SIEVE DESIGNATION (INCHES)
100%	12
84%-100%	6
68%-83%	3
42%-53%	1
8%-12%	No. 4

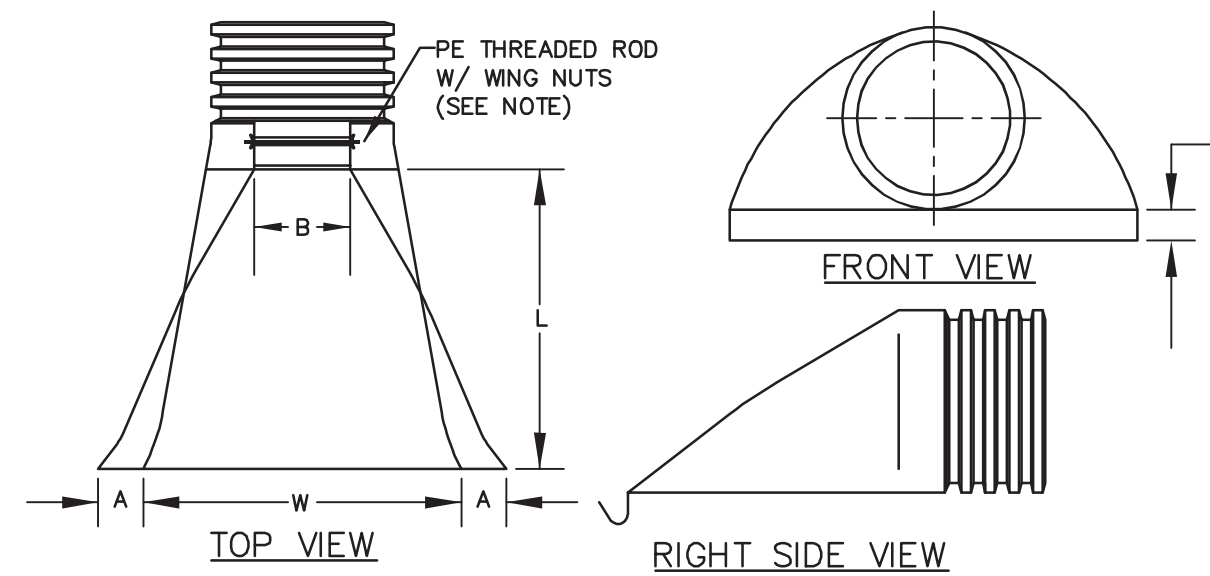
LEVEL SPREADER

1. CONSTRUCT THE LEVEL SPREADER LIP ON A 0% GRADE TO INSURE UNIFORM SPREADING OF RUNOFF.
2. LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL AND NOT ON FILL.
3. THE ENTIRE LEVEL LIP AREA SHALL BE PROTECTED BY PLACING EXCISIOR ENFORCER MATTING BENEATH THE STONE. EACH STRIP SHALL OVERLAP BY AT LEAST SIX INCHES.
4. THE FLOW FROM THE LEVEL SPREADER SHALL OUTLET ONTO STABILIZED AREAS. WATER SHOULD NOT RE-CONCENTRATE IMMEDIATELY BELOW THE SPREADER.
5. MAINTENANCE: THE LEVEL SPREADER SHOULD BE CHECKED PERIODICALLY AND AFTER EVERY MAJOR STORM TO DETERMINE IF THE LIP HAS BEEN DAMAGED AND THE DESIGN CONDITIONS HAVE NOT CHANGED. ANY DETRIMENTAL SEDIMENT ACCUMULATION SHOULD BE REMOVED. IF STONE REMOVAL HAS TAKEN PLACE ON THE LIP, THEN THE DAMAGE SHOULD BE REPAIRED.



- MAINTENANCE**
1. FILTER STRIPS SHOULD BE MAINTAINED AS NATURAL AREAS ONCE THE VEGETATION IS ESTABLISHED. THE FILTER STRIP SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ON SITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO COMPLETE THE ESTABLISHMENT OF THE STRIP SINCE MOST SPECIES TAKE 2 TO 3 YEARS TO BECOME FULLY ESTABLISHED.
 2. THE FILTER STRIP SHOULD BE INSPECTED PERIODICALLY AND AFTER EVERY MAJOR RAINSTORM TO DETERMINE IF THE ENTRANCE CONDITIONS ARE STILL UNIFORM AND LEVEL AND TO SEE IF RILLS HAVE FORMED. ANY PROBLEM AREAS SHOULD BE REPAIRED PROMPTLY TO PREVENT FURTHER DETERIORATION.

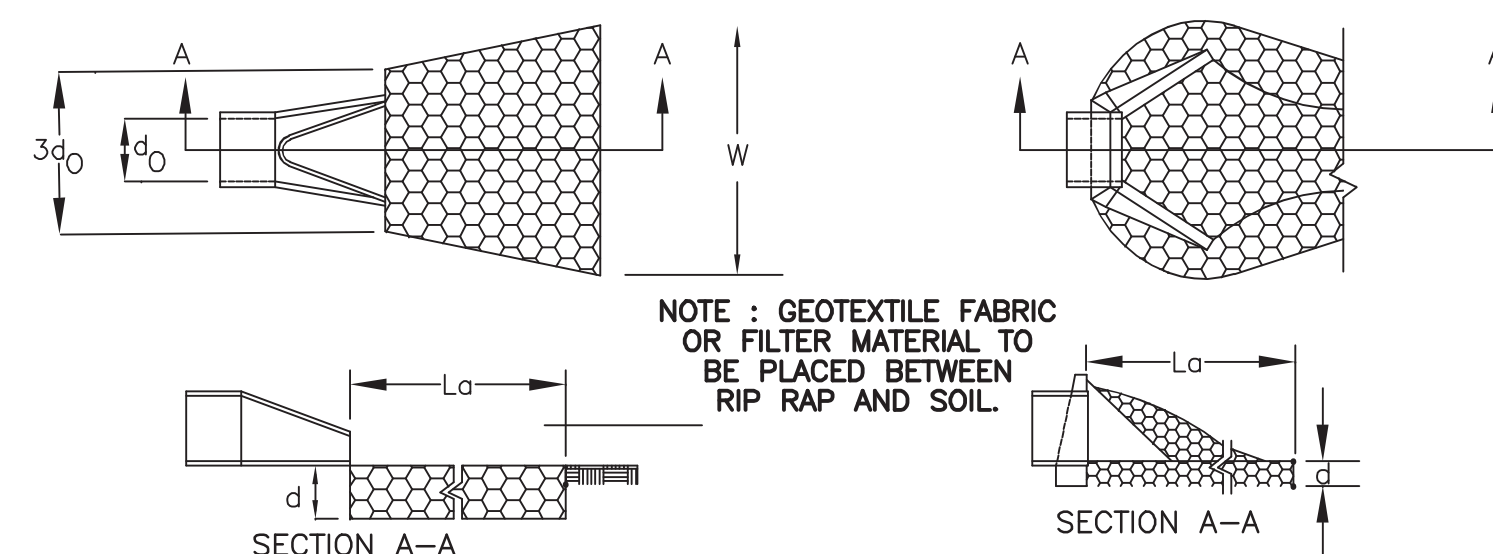
DEVELOPED AREA BUFFER DETAIL



PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1510-NP	15" 375 mm	6.5" 165 mm	10" 254 mm	6.5" 165 mm	25" 635 mm	29" 735 mm
1810-NP	18" 450 mm	7.5" 190 mm	15" 380 mm	6.5" 165 mm	32" 812 mm	35" 890 mm
2410-NP	24" 600 mm	7.5" 190 mm	18" 450 mm	6.5" 165 mm	36" 900 mm	45" 1140 mm
3010-NP	30" 750 mm	10.5" 266 mm	N/A	7.0" 178 mm	53" 1345 mm	68" 1725 mm
3610-NP	36" 900 mm	10.5" 266 mm	N/A	7.0" 178 mm	53" 1345 mm	68" 1725 mm

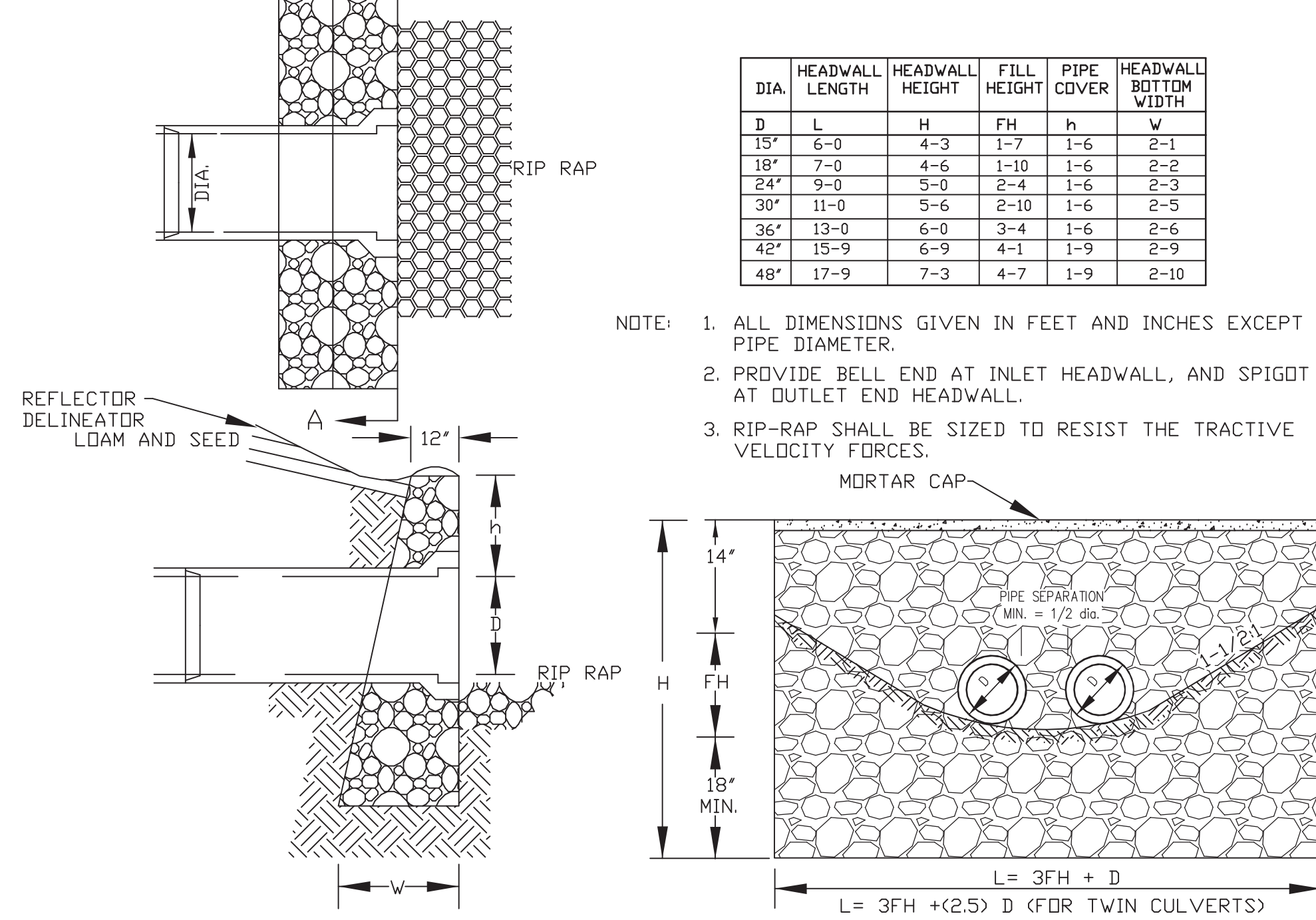
NOTE: PE THREADED ROD W/ WING NUTS PROVIDED FOR END SECTIONS 15"-24". 30" & 36" END SECTIONS TO BE WELDED PER MANUFACTURER'S RECOMMENDATIONS.

ADS N-12 FLARED END SECTIONS
NOT TO SCALE (ALL DIMENSIONS ARE NOMINAL)



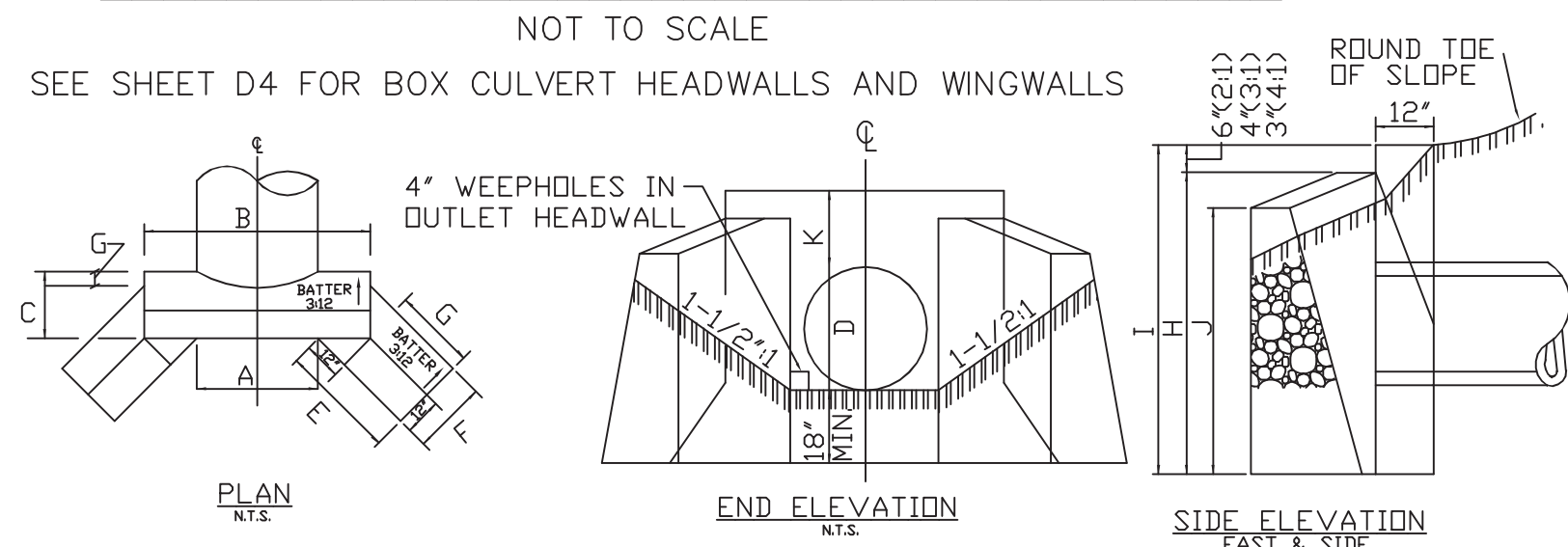
- CONSTRUCTION SPECIFICATIONS**
1. THE SUB GRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC, AND RIP RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
 2. THE ROCK OR GRAVEL USED FOR FILTER OF RIP RAP SHALL CONFORM TO THE SPECIFIED GRADATION. 3. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP RAP. DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
 4. STONE FOR THE RIP RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.
 5. STONE FOR RIPRAP SHALL BE ANGULAR OR SUBANGULAR. THE STONES SHOULD BE SHAPED SO THAT THE LEAST DIMENSION OF THE STONE FRAGMENT SHALL BE NOT LESS THAN ONE-THIRD OF THE GREATEST DIMENSION OF THE FRAGMENT.
 6. FLAT ROCKS SHALL NOT USED FOR RIP RAP. VOIDS IN THE ROCK RIPRAP SHOULD BE FILLED WITH SPALLS AND SMALLER ROCKS.
- MAINTENANCE**
1. THE OUTLET PROTECTION SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM. IF THE RIP RAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED, IT SHOULD BE REPAIRED IMMEDIATELY. THE CHANNEL IMMEDIATELY BELOW THE OUTLET SHOULD BE CHECKED TO SEE THAT EROSION IS NOT OCCURRING. THE DOWNSTREAM CHANNEL SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS, AND SEDIMENT THAT COULD CHANGE FLOW PATTERNS AND/OR TAILWATER DEPTHS ON THE PIPES. REPAIRS MUST BE CARRIED OUT IMMEDIATELY TO AVOID ADDITIONAL DAMAGE TO OUTLET PROTECTION.

PIPE OUTLET PROTECTION



DIA.	HEADWALL LENGTH	HEADWALL HEIGHT	FILL HEIGHT	PIPE COVER	HEADWALL BOTTOM WIDTH
15"	6-0	4-3	1-7	1-6	2-1
18"	7-0	4-6	1-10	1-6	2-2
24"	9-0	5-0	2-4	1-6	2-3
30"	11-0	5-6	2-10	1-6	2-5
36"	13-0	6-0	3-4	1-6	2-6
42"	15-9	6-9	4-1	1-9	2-9
48"	17-9	7-3	4-7	1-9	2-10

MORTAR RUBBLE, MASONRY HEADWALL DETAIL

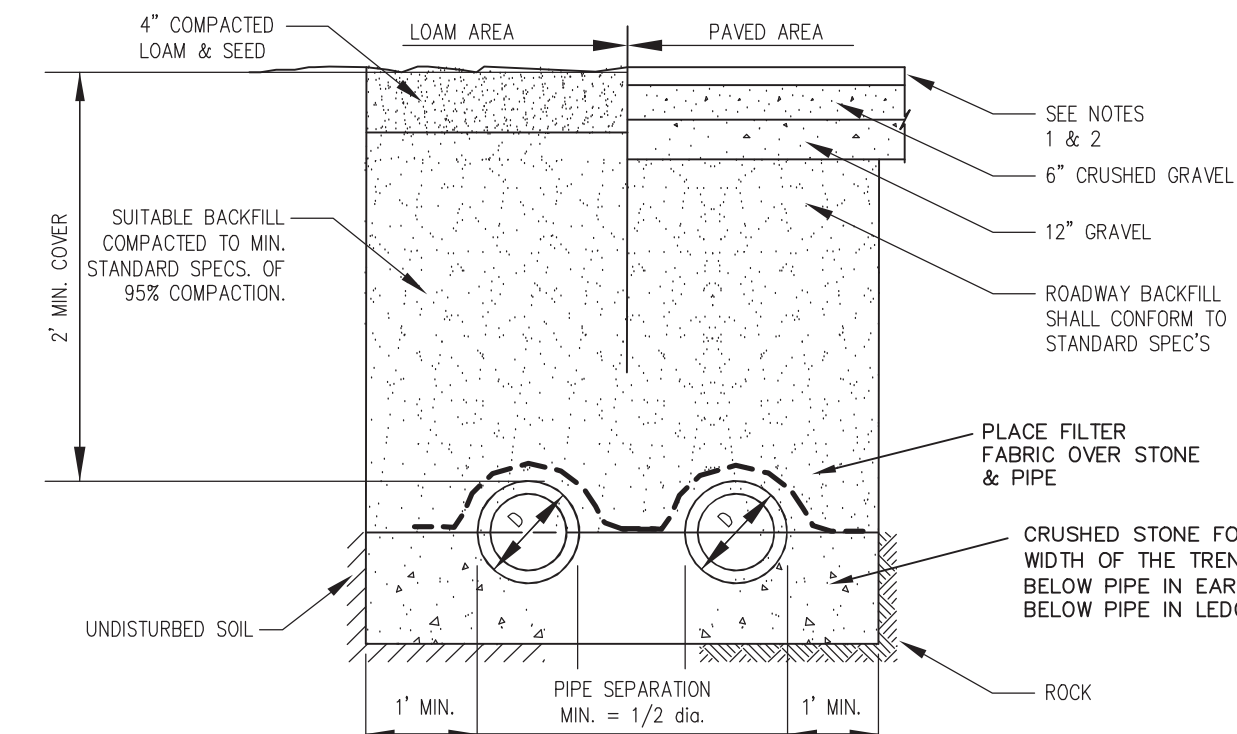


DIMENSIONS SHOWN ARE TO PAVEMENT LINES. MORTAR RUBBLE MASONRY TO BE STEPPED OUTSIDE PAVEMENT LINES ON SLOPING FACES.

D	A	B	C	E	F	G	H	I	J	K
24"	2-6	5-4	2-3	2-11	1-11	0-6	5-0	4-6	3-10	1-6
30"	3-1	5-11	2-5	3-6	2-0	0-5	5-6	5-0	4-1	1-6
36"	3-8	6-6	2-6	4-1	2-1	0-4	6-0	5-6	4-4	1-6
42"	4-3	7-1	2-8	5-0	2-2	0-3	6-9	6-3	4-10	1-9
48"	4-10	7-8	2-10	5-8	2-3	0-2	7-3	6-9	5-1	1-9

MORTAR RUBBLE, MASONRY HEADWALL W/ 45° WINGWALLS
NOT TO SCALE

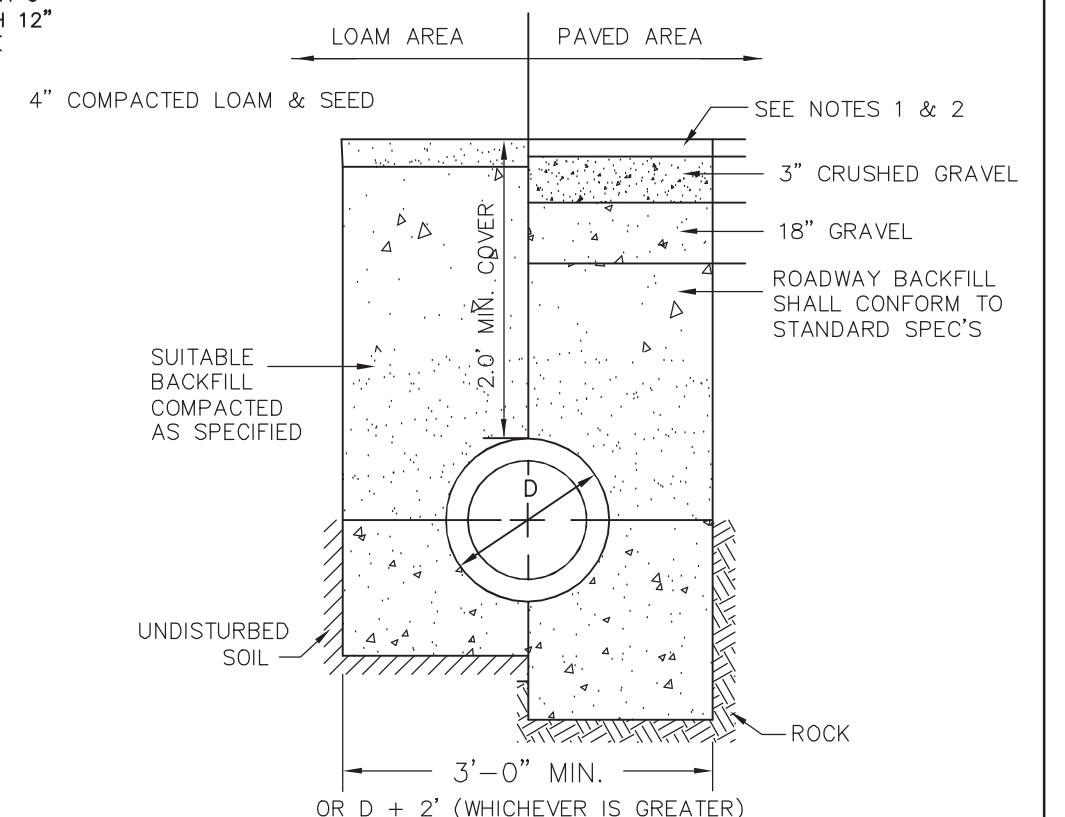
TYPICAL DRAINAGE TRENCH DETAIL



1. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS.
2. NEW ROADWAY CONSTRUCTION SHALL CONFORM TO SUBDIVISION SPEC'S.

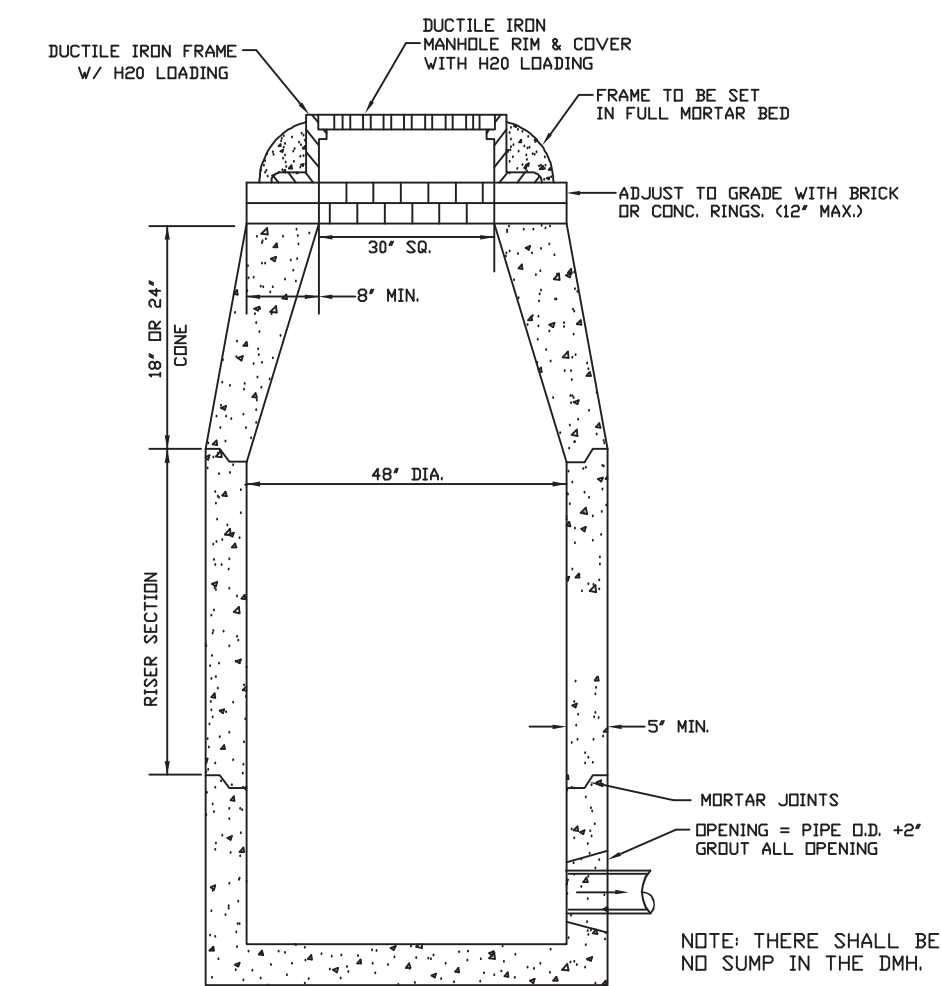
PREPARED FOR:
ROUTE 125 DEVELOPMENT, LLC
JOSEPH FALZONE
7B EMERY LANE
STRATHAM, N.H. 03885

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

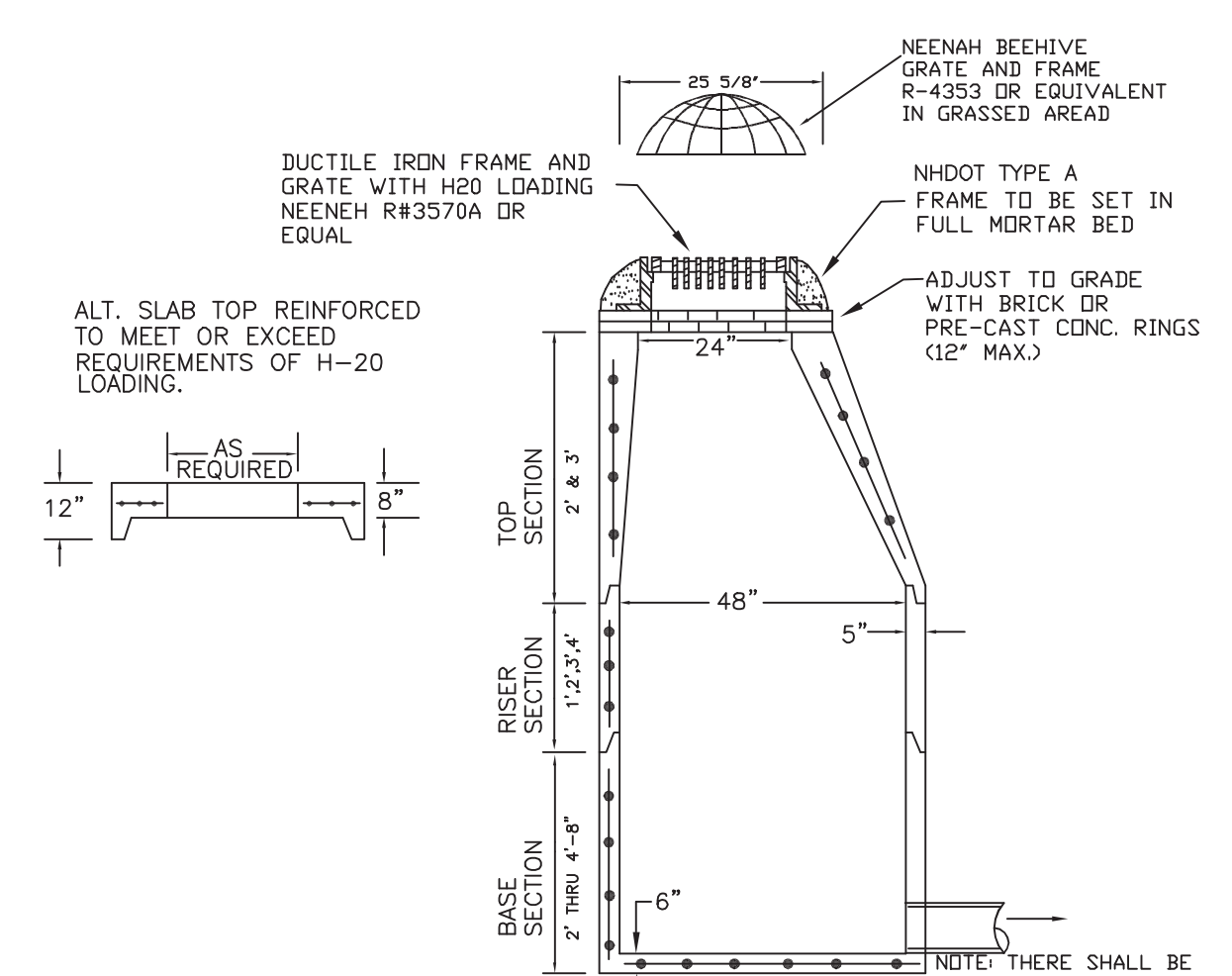


1. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS.
2. NEW ROADWAY CONSTRUCTION SHALL CONFORM TO SUBDIVISION SPECIFICATIONS.

TYPICAL DRAINAGE TRENCH
NOT TO SCALE

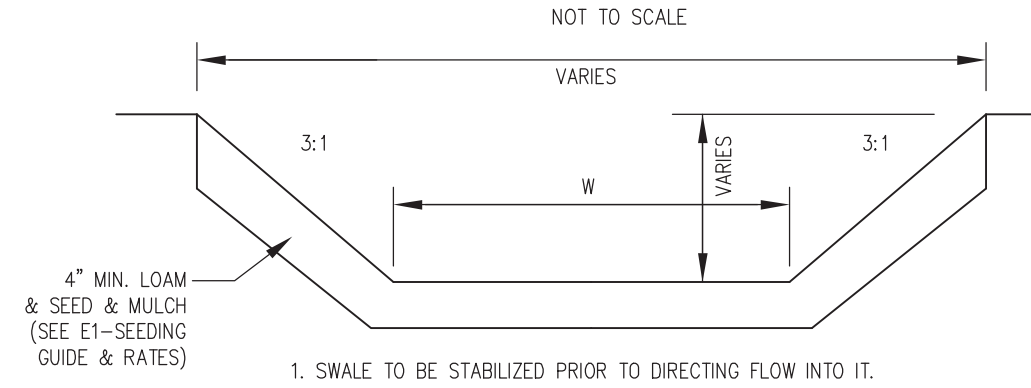


PRECAST DRAIN MANHOLE
NOT TO SCALE



PRECAST CATCH BASIN
NOT TO SCALE

VEGETATED TREATMENT SWALE
NOT TO SCALE



MAINTENANCE

VEGETATED CHANNELS DURING THE INITIAL ESTABLISHMENT PERIOD, FLOW SHOULD BE DIVERTED OUT OF THE CHANNEL IF AT ALL POSSIBLE TO ALLOW FOR A GOOD STAND OF GRASS. IF THIS IS NOT POSSIBLE USE MATTING. IN ANY CASE DURING THE ESTABLISHMENT PERIOD, THE CHANNEL SHOULD BE CHECKED PERIODICALLY TO DETERMINE IF THE GRASS IS STILL IN GOOD CONDITION AND IN PLACE. THE VEGETATION SHOULD BE FERTILIZED ON AN "AS-NEEDED" BASIS. THE CHANNEL SHOULD BE MOWED FREQUENTLY ENOUGH TO KEEP THE VEGETATION VIGOROUS AND TO CONTROL THE ENCROACHMENT OF WEEDS AND WOODY VEGETATION. AFTER THE VEGETATION HAS BECOME ESTABLISHED, THE CHANNEL SHOULD BE CHECKED PERIODICALLY AND AFTER EVERY MAJOR STORM TO SEE IF DAMAGE HAS OCCURRED. ANY DAMAGED AREAS SHOULD BE REPAIRED AND RE-VEGETATED IMMEDIATELY.

REVISED PER	DATE
REVISIONS:	3-4-20

CONSTRUCTION DETAILS D1

PLAN FOR:
RESIDENTIAL DEVELOPMENT
RT. 125 / OLD GREEN HILL RD.
BARRINGTON, NH

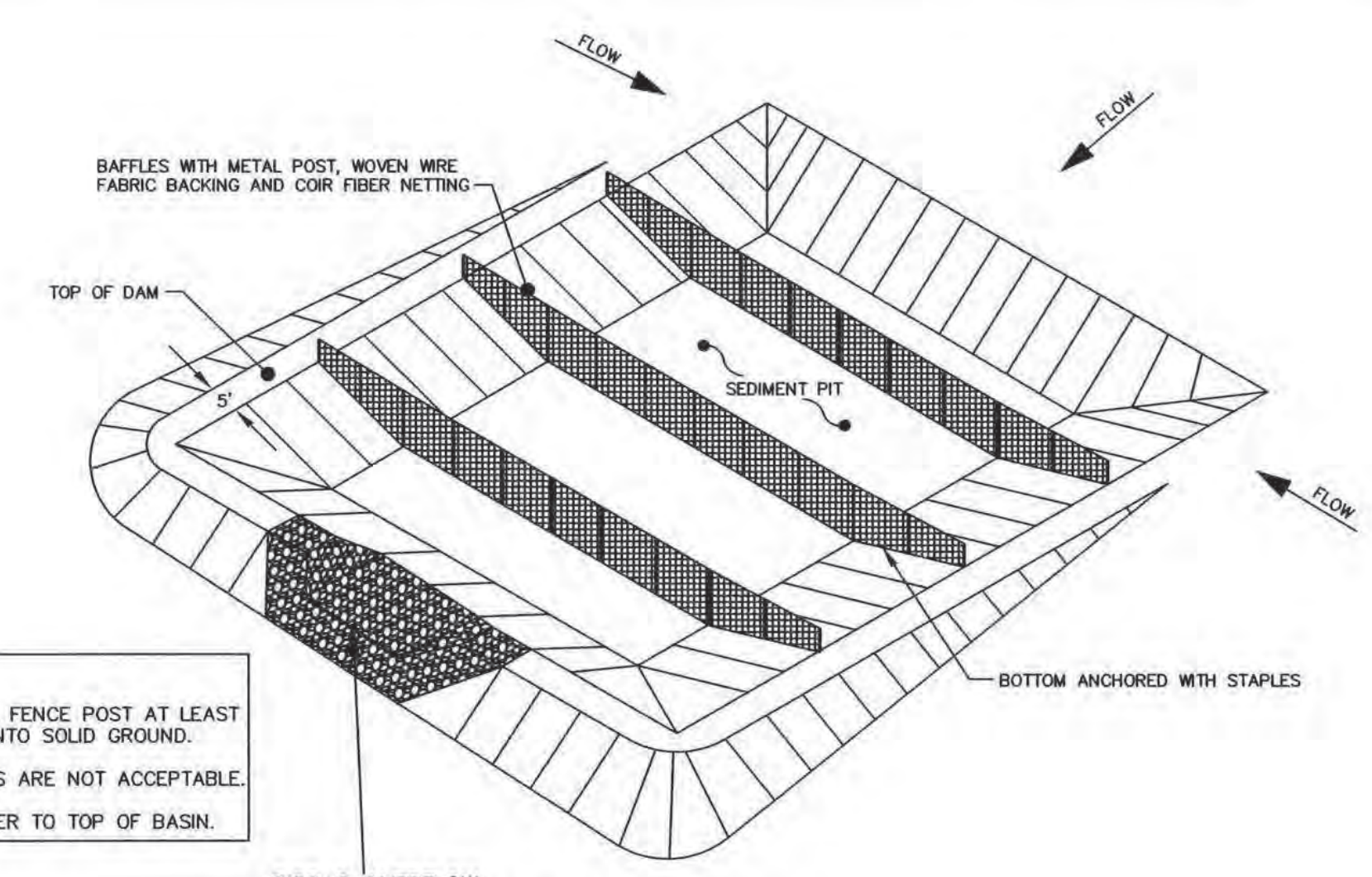
DATE:	SCALE:
MAY 2019	1"=100'
PROJ. NO:	SHEET NO.
NH-1144	31 OF 37

PREPARED FOR:
 ROUTE 125 DEVELOPMENT, LLC
 JOSEPH FALZONE
 7B EMERY LANE
 STRATHAM, N.H. 03885

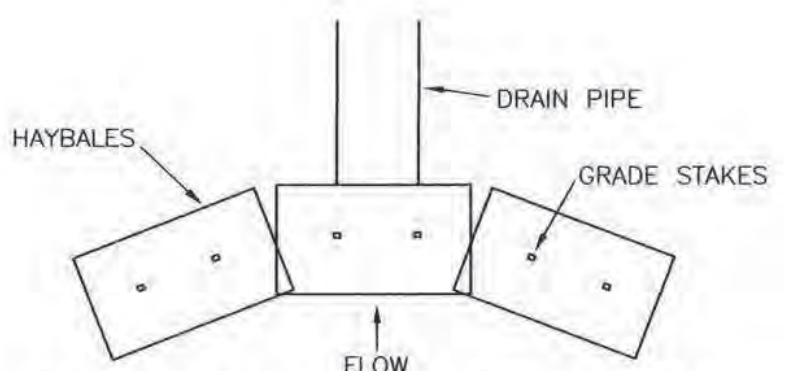
BEALS ASSOCIATES PLLC
 70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
 PHONE: 603-583-4860, FAX: 603-583-4863

TRAFFIC CONTROL SCHEDULE

SIGN NUMBER	SIGN	SIZE OF SIGN WIDTH HEIGHT	DESCRIPTION	MOUNT TYPE	MOUNT HEIGHT	REMARKS
R1-1	STOP	30" 30"	WHITE ON RED	CHANNEL	7'-0"	REFLECTORIZED SIGN
R2-1	SPEED LIMIT 25	18" 24"	BLACK ON WHITE	CHANNEL	7'-0"	REFLECTORIZED SIGN
W14-2	NO OUTLET	24" 24"	BLACK ON YELLOW	CHANNEL	7'-0"	REFLECTORIZED SIGN
W16-8P	Proposed Rd.	VARIES 8"	WHITE ON GREEN	CHANNEL	7'-0"	REFLECTORIZED SIGN
31-0650(D)	NO PARKING ANY TIME	12" 18"	RED ON WHITE	CHANNEL	7'-0"	REFLECTORIZED SIGN (MODIFIED WORDING)

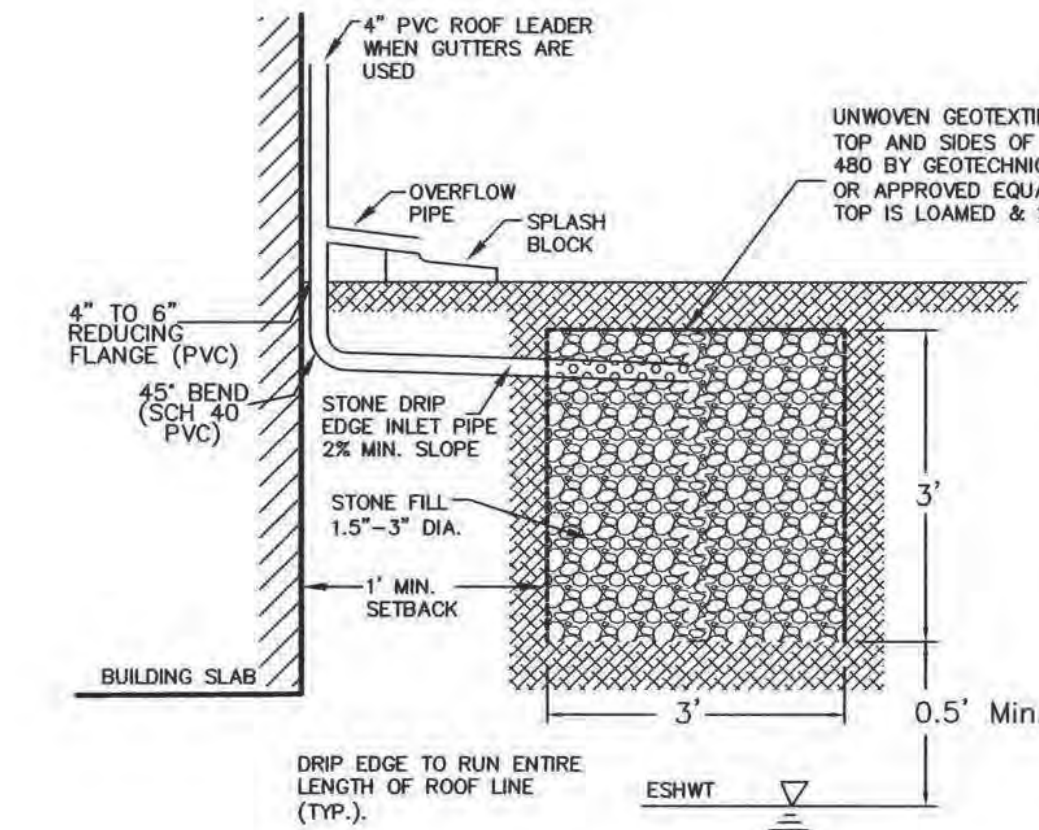
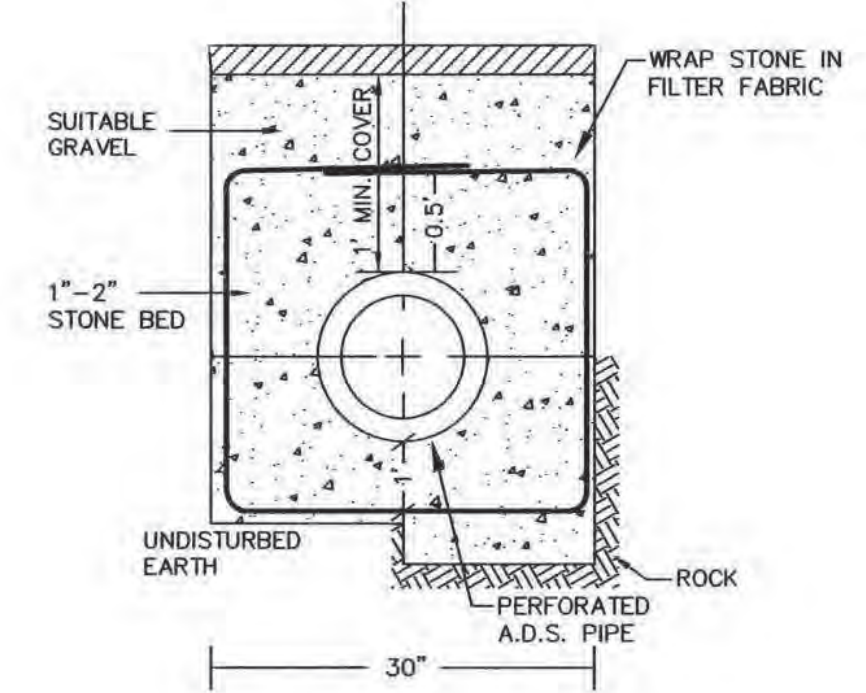


- NOTES:**
1. DRIVE STEEL FENCE POST AT LEAST 18 INCHES INTO SOLID GROUND.
 2. WOOD POSTS ARE NOT ACCEPTABLE.
 3. DIRECT WATER TO TOP OF BASIN.

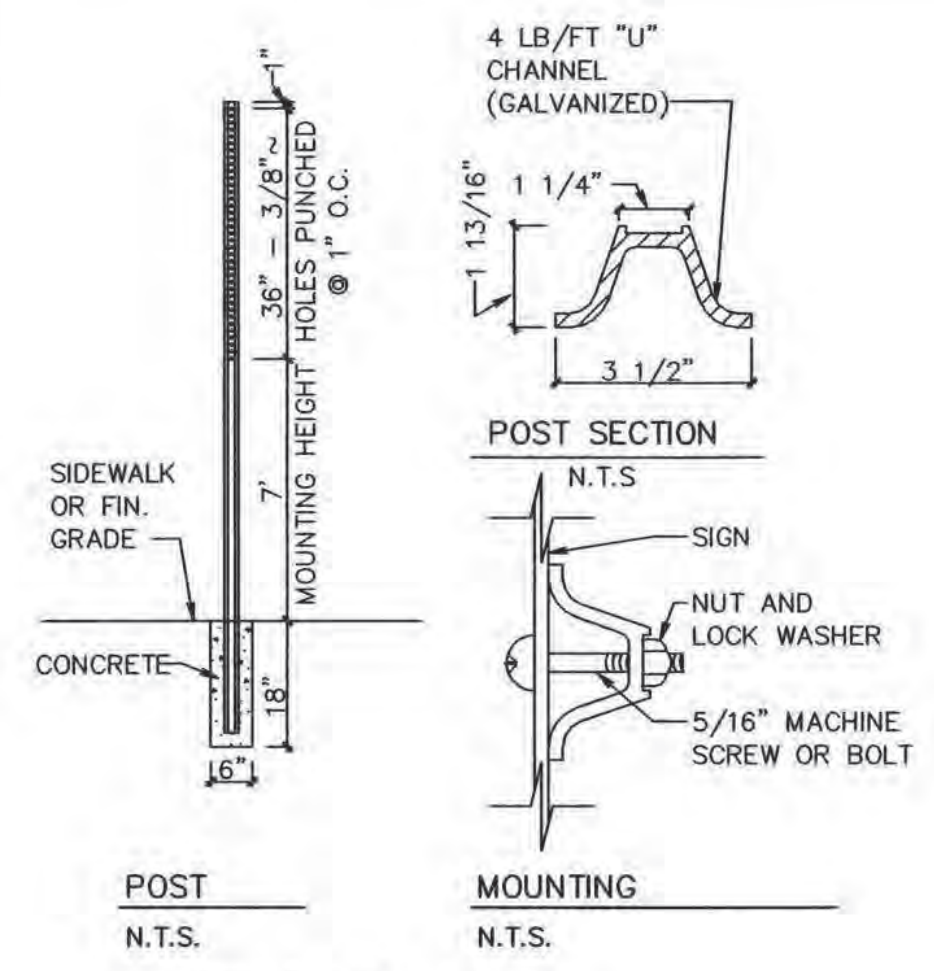


SPECIFICATIONS

SEDIMENT BARRIERS SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM. BALES SHOULD BE PLACED IN A SINGLE ROW, LENGTHWISE ON THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER. THE ENDS OF THE BARRIER SHOULD BE FLARED UP SLOPE. BARRIERS SHOULD NOT BE CONSTRUCTED MORE THAN ONE BALE HIGH. ALL BALES SHOULD BE EITHER WIRE-BOUND OR STRING-TIED. BALES SHOULD BE INSTALLED SO THAT BINDINGS ARE ORIENTED AROUND THE SIDES, PARALLEL TO THE GROUND SURFACE TO PREVENT DETERIORATION OF THE BINDINGS. THE BARRIER SHOULD BE ENTRENCHED AND BACKFILLED. A TRENCH SHOULD BE EXCAVATED THE WIDTH OF A BALE AND THE LENGTH OF THE PROPOSED BARRIER TO A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STAKED AND CHIMED, THE EXCAVATED SOIL SHOULD BE BACKFILLED AGAINST THE BARRIER. BACKFILL SOIL SHOULD CONFORM TO THE GROUND LEVEL ON THE DOWNHILL SIDE AND SHOULD BE BUILT UP 4 INCHES AGAINST THE UPHILL SIDE OF THE BARRIER. IDEALLY, BALES SHOULD BE PLACED TO FEET AWAY FROM THE TOE OF SLOPE. AT LEAST TWO STAKES DRIVEN THROUGH THE BALE AND PENETRATING AT LEAST 18 INCHES INTO THE GROUND, SHOULD SECURELY ANCHOR EACH BALE. THE FIRST STAKE IN EACH BALE SHOULD BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER. STAKES SHOULD BE DRIVEN DEEP ENOUGH INTO THE GROUND TO SECURELY ANCHOR THE BALES. THE GAPS BETWEEN BALES SHOULD BE CHIMED (FILLED BY MEDIUM) WITH HAY TO PREVENT WATER FROM ESCAPING BETWEEN THE BALES. INSPECTION SHOULD BE FREQUENT AND REPAIR OR REPLACEMENT SHOULD BE MADE PROMPTLY AS NEEDED. BALE BARRIERS SHOULD BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS, BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.



NOTE
 ALL NEW RESIDENTIAL BUILDINGS SHALL HAVE STONE TRENCHES FOR ROOF RUNOFF MITIGATION (SEE DETAIL THIS SHEET). TRENCHES SHALL BE 3" IN WIDTH AND EXTEND THE ENTIRE LENGTH OF THE ROOF EAVES (BOTH SIDES OF HOUSE) AS REQUIRED PER THE NHDES AOT PERMIT. STONE DRIP EDGE MAINTENANCE:
 THE DRIP EDGES WILL BE INSPECTED WITHIN THE FIRST THREE MONTHS AFTER CONSTRUCTION; THEREAFTER THE DRIP EDGES WILL BE INSPECTED 2 TIMES PER YEAR TO ENSURE THAT THEY ARE DRAINING WITHIN 72 HOURS OF A RAIN EVENT EQUIVALENT TO 2.5" OR MORE.
 REMOVE AND DISPOSE OF SEDIMENTS OR DEBRIS AS NEEDED
 TOTAL REHABILITATION OF A DRIP EDGE SHOULD BE CONDUCTED TO MAINTAIN STORAGE CAPACITY WITHIN 2/3 OF THE DESIGN VOLUME AND 72-HOUR EXFILTRATION RATE LIMIT. TRENCH WALLS SHOULD BE EXCAVATED TO EXPOSE CLEAN SOIL UPON FAILURE, AND THE SOIL SCARIFIED PRIOR TO REPLACEMENT OF CLEAN STONE.



**RISER-TRASH RACK DETAIL
 NOT TO SCALE**

CONSTRUCTION CRITERIA

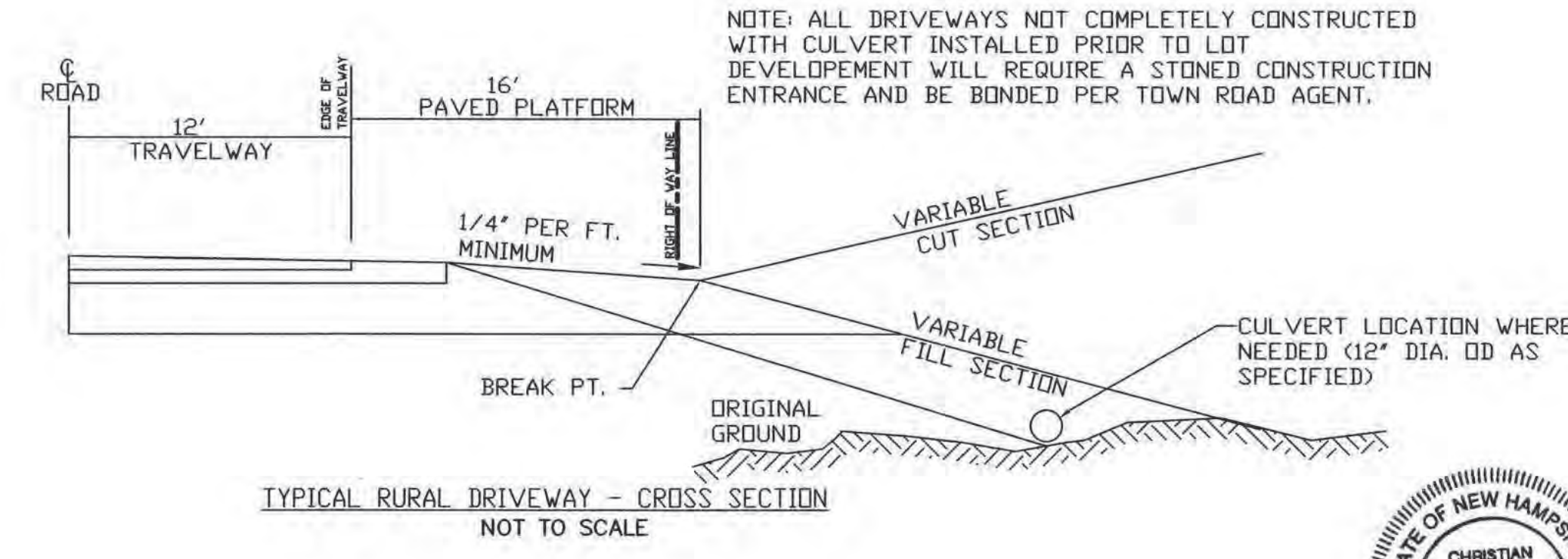
SUB GRADE PREPARATION: AREA SHALL BE CLEARED OF TREES, LOGS, STUMPS, ROOTS, BRUSH, BOULDERS, SOIL AND RUBBISH. SUB GRADE SURFACE TO BE ROLLED BEFORE PLACEMENT OF FILL MATERIAL. THE SURFACE SHALL HAVE MOISTURE ADDED OR IT SHALL BE COMPACTED IF NECESSARY SO THAT THE FIRST LAYER OF FILL MATERIAL CAN BE COMPACTED AND BONDED TO THE SUBBASE MATERIAL.

FILL PLACEMENT: FILL SHALL BE FREE OF SOIL, ROOTS, FROZEN SOIL, STONES MORE THAN 6 INCHES IN DIA., AND OTHER OBJECTIONABLE MATERIAL.
 -FILL TO BE PLACED EQUALLY AROUND SUBSURFACE STRUCTURES & PIPES TO PREVENT DAMAGE FROM UNEQUAL LOADING.
 -PLACING AND SPREADING OF FILL MATERIAL SHALL BE STARTED AT SUBGRADE ELEVATION AND BROUGHT UP IN HORIZONTAL LAYERS OF THICKNESS ALLOWING ADEQUATE COMPACTION.
 -DISTRIBUTION AND GRADATION OF MATERIALS SHALL BE SUCH THAT NO LENSES, POCKETS, STREAKS, OR LAYERS OF MATERIAL DIFFER SUBSTANTIALLY IN TEXTURE OF GRADATION FROM SURROUNDING MATERIAL.
 -MAXIMUM THICKNESS OF GRAVEL LIFTS TO 1 FOOT (12 INCHES).

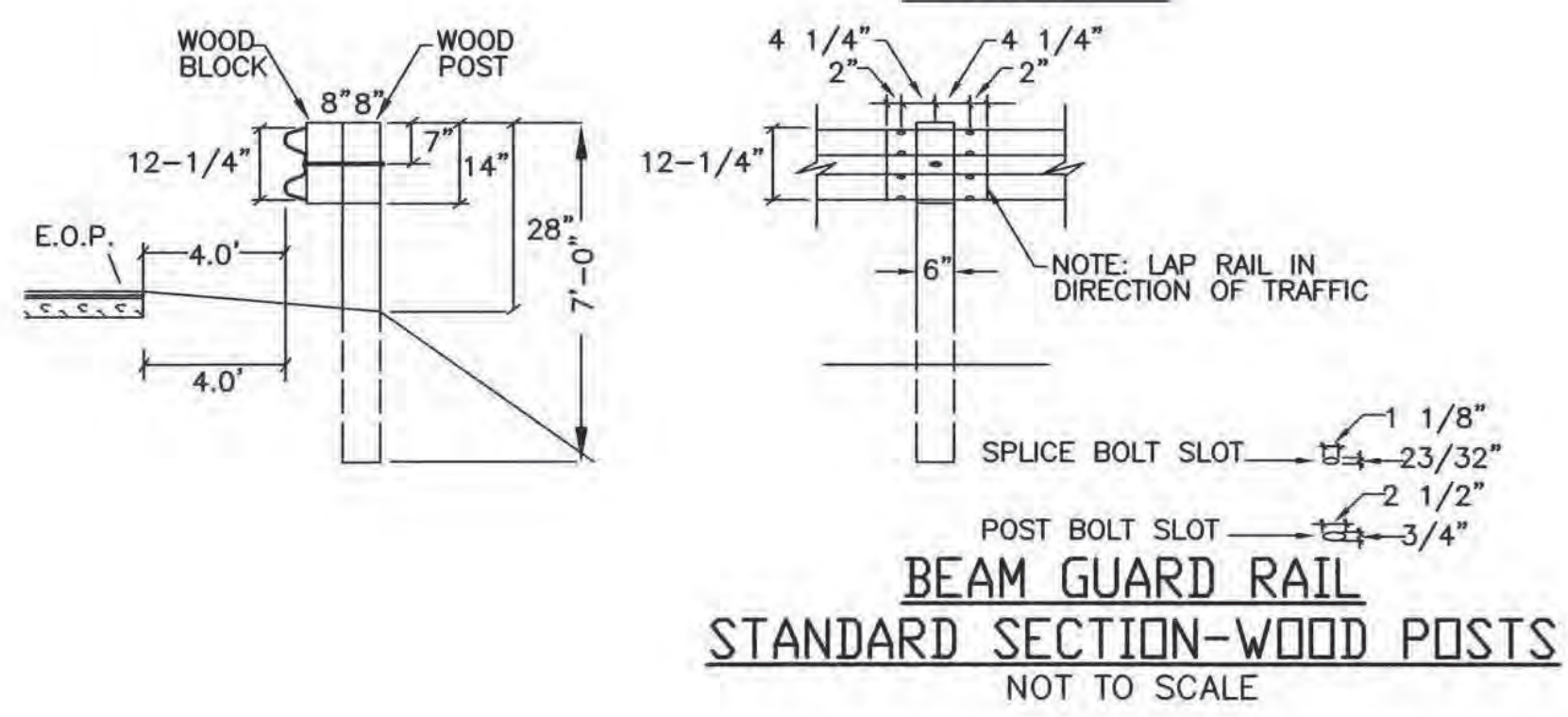
MOISTURE CONTROL: MOISTURE CONTENT OF THE FILL SHALL BE ADEQUATE FOR OBTAINING THE REQUIRED COMPACTION. IF THE MATERIAL IS TOO DRY IT SHALL BE MOISTENED TO MEET THIS REQUIREMENT. IF THE MATERIAL IS TOO WET IT SHALL HAVE WATER ADDED AND MIXED UNTIL REQUIREMENT IS MET.

COMPACTION: CONSTRUCTION EQUIPMENT SHALL BE OPERATED OVER THE AREAS OR EACH LAYER OF FILL TO INSURE THAT THE REQUIRED COMPACTION IS OBTAINED.
 -EACH LAYER SHALL BE COMPACTED TO OBTAIN 95% OF THE PROCTOR VALUE (ASTM 1557 OR AASHTO T180).
 -FILL ADJACENT TO STRUCTURES, PIPES, ETC. SHALL BE COMPACTED TO A DENSITY EQUIVALENT TO THAT OF THE SURROUNDING FILL BY THE MEANS OF HAND TAMPERING OR MANUALLY DIRECTED POWER TAMPER OR PLATE VIBRATORS.

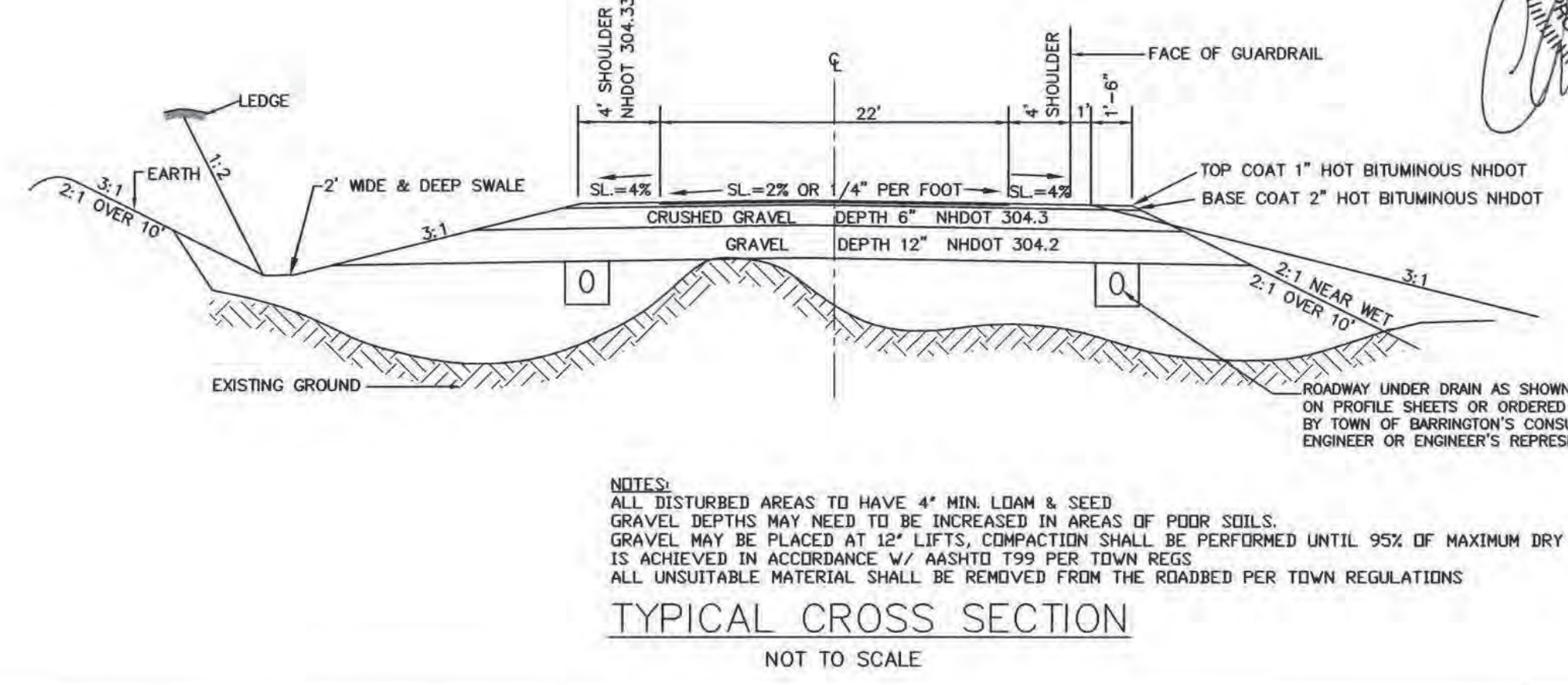
EROSION PROTECTION: A PROTECTIVE COVER OF VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SURFACES OF THE EMBANKMENT (CUT/FILL)SLOPE, SPILLWAY, AND BORROW AREA IF SOIL AND CLIMATIC CONDITIONS PERMIT. IF CONDITIONS PRECLUDE THE USE OF VEGETATION AND PROTECTION IS NEEDED, NON-VEGETATION MEANS, SUCH AS EROSION BLANKETS OR RIP RAP SLOPE PROTECTION, MAY BE USED.
 -SEEDING, FERTILIZING, AND MULCHING SHALL COMPLY WITH THE APPROPRIATE VEGETATIVE BMP'S.



NOTE: ALL DRIVEWAYS NOT COMPLETELY CONSTRUCTED WITH CULVERT INSTALLED PRIOR TO LOT DEVELOPMENT WILL REQUIRE A STONED CONSTRUCTION ENTRANCE AND BE BONDED PER TOWN ROAD AGENT.



- NOTES:**
1. USE IN HEAVY TRAFFIC AREAS.
 2. STEEL BRACKET TO BE 10 OR 12 GAGE STEEL.
 3. USE 6'-0" POSTS WHEN FILL SLOPE IS 4:1 OR FLATTER
 4. ALL TIMBER POSTS TO BE TREATED WITH PRESERVATIVE MATERIAL CONFORMING TO AASHTO M133
 5. POST BOLTS TO BE 18" W/MIN. 2 1/2" THREAD LENGTH.
 5. RAIL SHEET THICKNESS TO BE 12 GA.



NOTES:
 ALL DISTURBED AREAS TO HAVE 4" MIN. LOAM & SEED GRAVEL. DEPTHS MAY NEED TO BE INCREASED IN AREAS OF POOR SOILS. GRAVEL MAY BE PLACED AT 12" LIFTS. COMPACTION SHALL BE PERFORMED UNTIL 95% OF MAXIMUM DRY DENSITY IS ACHIEVED IN ACCORDANCE W/ AASHTO T99 PER TOWN REGS. ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE ROADBED PER TOWN REGULATIONS.



REVISED PER REVIEW COMMENTS	7-24-19
REVISED PER REVIEW COMMENTS	6-20-19
REVISIONS:	DATE:

CONSTRUCTION DETAILS D2

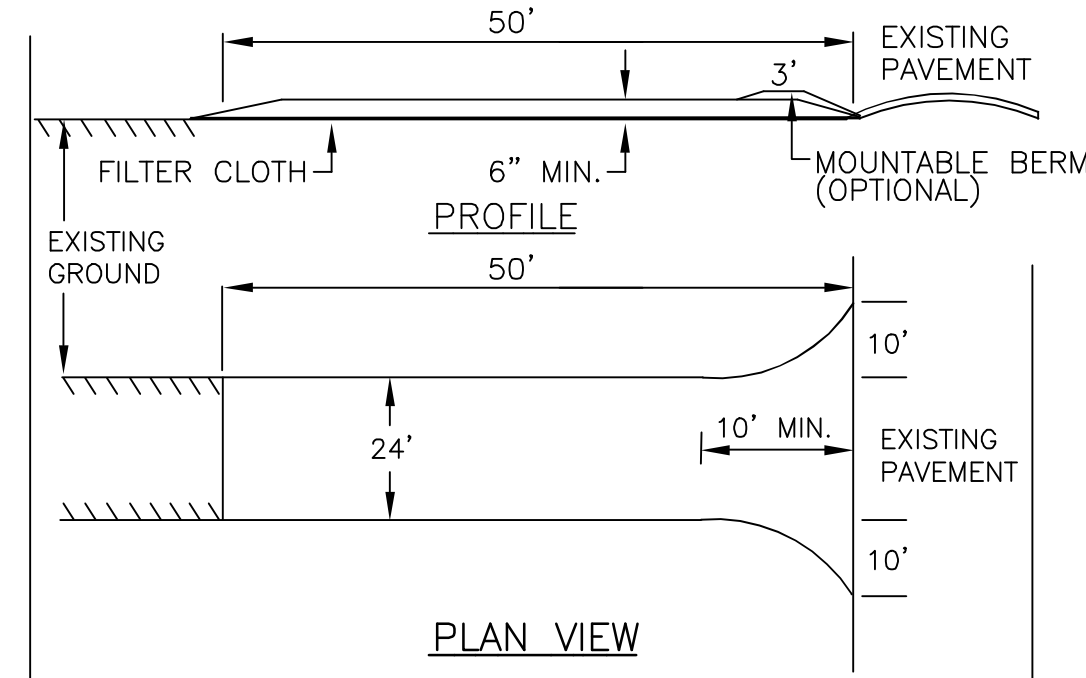
PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE:	MAY 2019	SCALE:	NONE
PROJ. NO:	NH-1144	SHEET NO.	32 OF 37

PREPARED FOR:
ROUTE 125 DEVELOPMENT, LLC
JOSEPH FALZONE
7B EMERY LANE
STRATHAM, N.H. 03885

BEALS ASSOCIATES PLLC
 70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
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STATE OF NEW HAMPSHIRE
 CHRISTIAN O. SMITH
 No. 9900
 PROFESSIONAL ENGINEER



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

STABILIZED CONSTRUCTION ENTRANCE

TEMPORARY EROSION CONTROL MEASURES

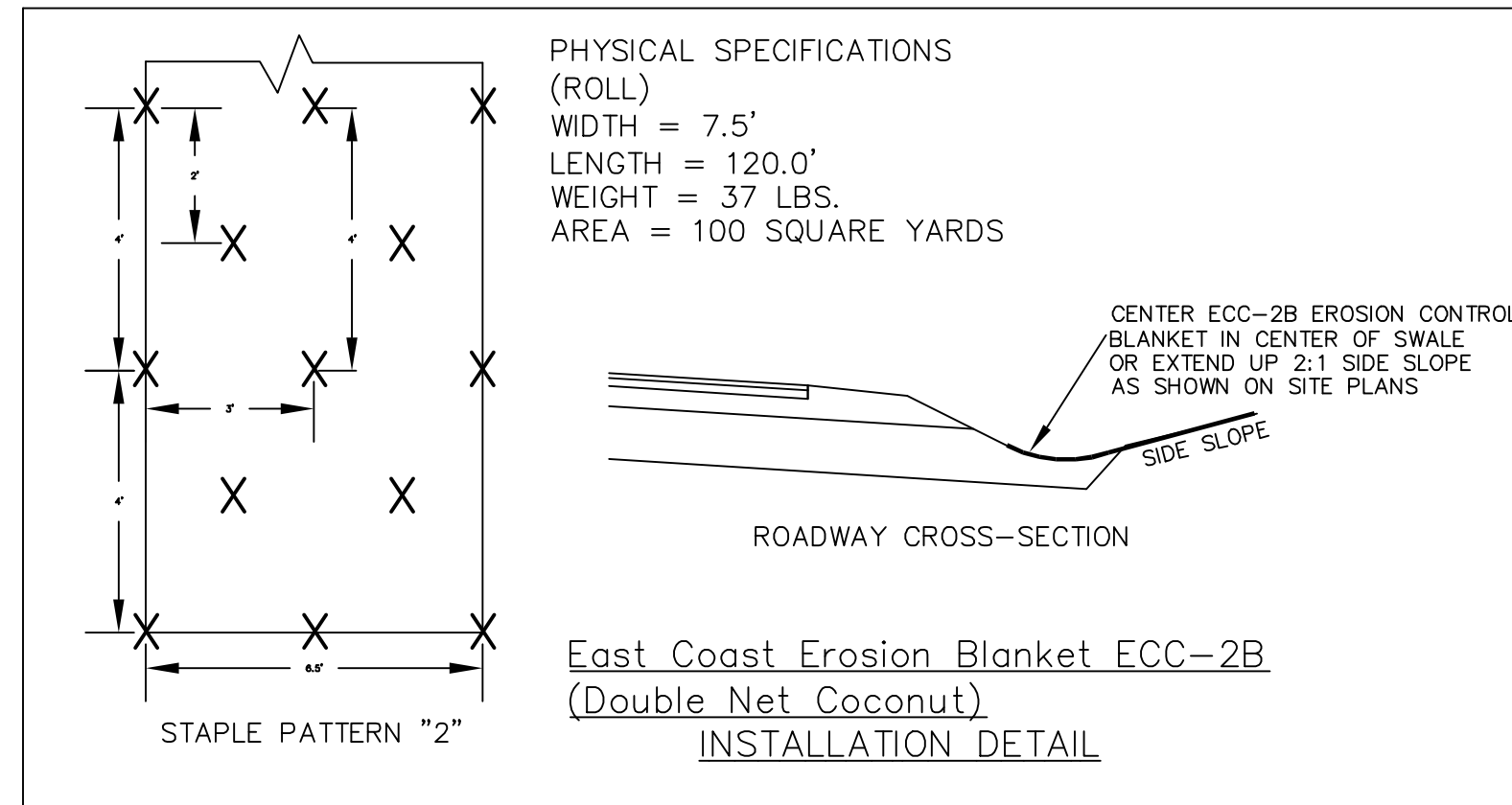
- THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT NO MORE THAN 5 ACRES OF LAND SHALL BE EXPOSED BEFORE DISTURBED AREAS ARE STABILIZED.
 - PERIMETER CONTROLS MUST BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS.
 - STORMWATER PONDS, INFILTRATION BASINS AND SWALES MUST BE INSTALLED BEFORE ROUGH GRADING THE SITE.
 - RUNOFF MUST BE DIRECTED TO TEMPORARY PRACTICES UNTIL STORMWATER BMPs ARE STABILIZED.
 - STORMWATER PONDS, INFILTRATION BASINS AND SWALES MUST BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
 - EROSION CONTROL PRACTICES ARE TO BE INSPECTED WEEKLY AND AFTER 0.5, OR RAINFALL.
 - CUT AND FILL SLOPES MUST BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
 - ROADWAYS AND PARKING AREAS MUST BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 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.
- 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 SHEET.
- SILT FENCES AND OTHER EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT GREATER THAN 0.5" DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
- 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.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - 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.
 - 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.

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 TIMBER STRUCTURES ARE USED, THE TIMBER SHALL EXTEND AT LEAST 18" INTO THE SOIL.
- STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2" X 2" STAKES DRIVEN THROUGH THE BALES AND AT LEAST 18 INCHES IN TO THE SOIL.
- SEEDING, FERTILIZING, AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATED VEGETATIVE BMP.
- STRUCTURES SHALL BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS BEEN COMPLETED.
- THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL TAKE PRECAUTIONS AND INSTRUCTIONS FROM THE PLANNING DEPARTMENT IN ORDER TO PREVENT, ABATE AND CONTROL THE EMISSION OF FUGITIVE DUST INCLUDING BUT NOT LIMITED TO WETTING, COVERING, SHIELDING, OR VACUUMING.
- THE NH COMMISSIONER OF AGRICULTURE PROHIBITS THE COLLECTION, POSSESSION, IMPORTATION, TRANSPORTATION, SALE, PROPAGATION, TRANSPLANTATION, OR CULTIVATION OF PLANTS BANNED BY NH LAW RSA 430:53 AND NH CODE ADMINISTRATIVE RULES AGR 3800. THE PROJECT SHALL MEET ALL REQUIREMENTS AND THE INTENT OF RSA 430:53 AND AGR 3800 RELATIVE TO INVASIVE SPECIES
- IN THE EVENT THAT GREATER THAN ONE ACRE OF CONTIGUOUS DISTURBANCE OCCURS, THE CONSTRUCTION SITE OPERATOR AND OWNER SHALL SUBMIT A NOTICE OF INTENT (NOI) TO USEPA, WASHINGTON, DC, STORMWATER NOTICE PROCESSING CENTER AT LEAST FOURTEEN DAYS PRIOR TO COMMENCEMENT OF WORK ON SITE. EPA WILL POST THE NOI AT <http://cfpub.epa.gov/npdes/stormwater/noi/noisearch.cfm>. AUTHORIZATION IS GRANTED UNDER THE PERMIT ONCE THE NOI IS SHOWN IN "ACTIVE STATUS".

CONSTRUCTION SEQUENCE

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

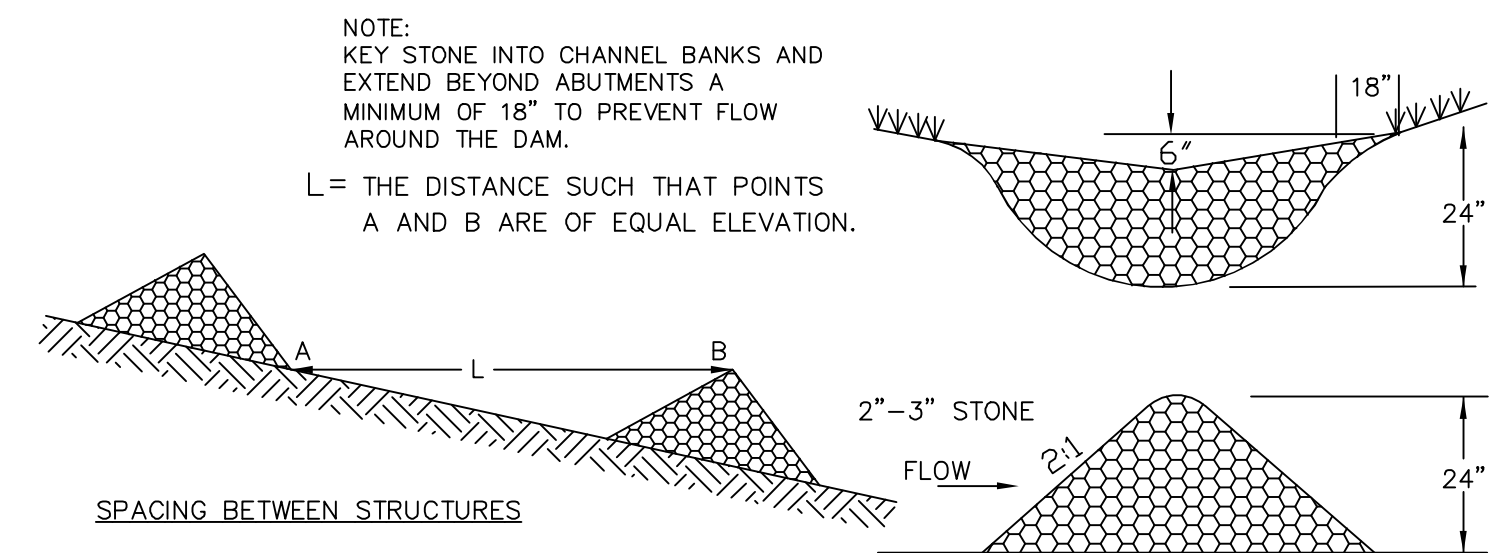


WINTER MAINTENANCE

- ALL DISTURBED AREAS THAT DO NOT HAVE AT LEAST 85% VEGETATIVE COVERAGE PRIOR TO OCTOBER 15TH, SHALL BE STABILIZED BY APPLYING MULCH AT A RATE OF 3-4 TONS PER ACRE. ALL SIDE SLOPES, STEEPER THAN 4:1, THAT ARE NOT DIRECTED TO SWALES OR DETENTION BASINS, SHALL BE LINED WITH BIODEGRADABLE/PHOTODEGRADABLE "JUTE MATTING" (EXCELSIOR'S CURLEX II OR EQUAL). ALL OTHER SLOPES SHALL BE MULCHED AND TACKED AT A RATE OF 3-4 TONS PER ACRE. THE APPLICATION OF MULCH AND/OR JUTE MATTING SHALL NOT OCCUR OVER EXISTING SNOW COVER. IF THE SITE IS ACTIVE AFTER NOVEMBER 15TH, ANY SNOW THAT ACCUMULATES ON DISTURBED AREAS SHALL BE REMOVED PRIOR TO SPRING THAW ALL AREAS WILL BE STABILIZED, AS DIRECTED ABOVE.
- ALL SWALES THAT DO NOT HAVE FULLY ESTABLISHED VEGETATION SHALL BE EITHER LINED WITH TEMPORARY JUTE MATTING OR TEMPORARY STONE CHECK DAMS (APPROPRIATELY SPACED). STONE CHECK DAMS WILL BE MAINTAINED THROUGHOUT THE WINTER MONTHS. IF THE SWALES ARE TO BE MATTED WITH PERMANENT LINERS OR RIPRAP WITH ENGINEERING FABRIC, THIS SHALL BE COMPLETED PRIOR TO WINTER SHUTDOWN OR AS SOON AS THEY ARE PROPERLY GRADED AND SHAPED.
- PRIOR TO OCT. 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVEL APPLICATION. IF THESE AREAS' ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY CROWNED AND A 3" LAYER OF CRUSHED GRAVEL SHALL BE PLACED AND COMPACTED. THIS WILL ALLOW THE SUBGRADE TO SHED RUNOFF AND WILL REDUCE ROADWAY EROSION. THIS CRUSHED GRAVEL DOES NOT HAVE TO CONFORM TO NH DOT 304.3, BUT SHALL HAVE BETWEEN 15-25% PASSING THE #200 SIEVE AND THE LARGEST STONE SIZE SHALL BE 2". IF THE SITE IS ACTIVE AFTER NOVEMBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
- AFTER OCTOBER 15TH, THE END OF NEW HAMPSHIRE'S AVERAGE GROWING SEASON, NO ADDITIONAL LOAM SHALL BE SPREAD ON SIDE SLOPES AND SWALES. THE STOCKPILES THAT WILL BE LEFT UNDISTURBED UNTIL SPRING SHALL BE SEEDED BY THIS DATE. AFTER OCTOBER 15TH, ANY NEW OR DISTURBED PILES SHALL BE MULCHED AT A RATE OF 3-4 TONS PER ACRE. ALL STOCKPILES THAT WILL REMAIN THROUGHOUT THE WINTER SHALL BE SURROUNDED WITH SILT FENCING.

SEEDING SPECIFICATIONS

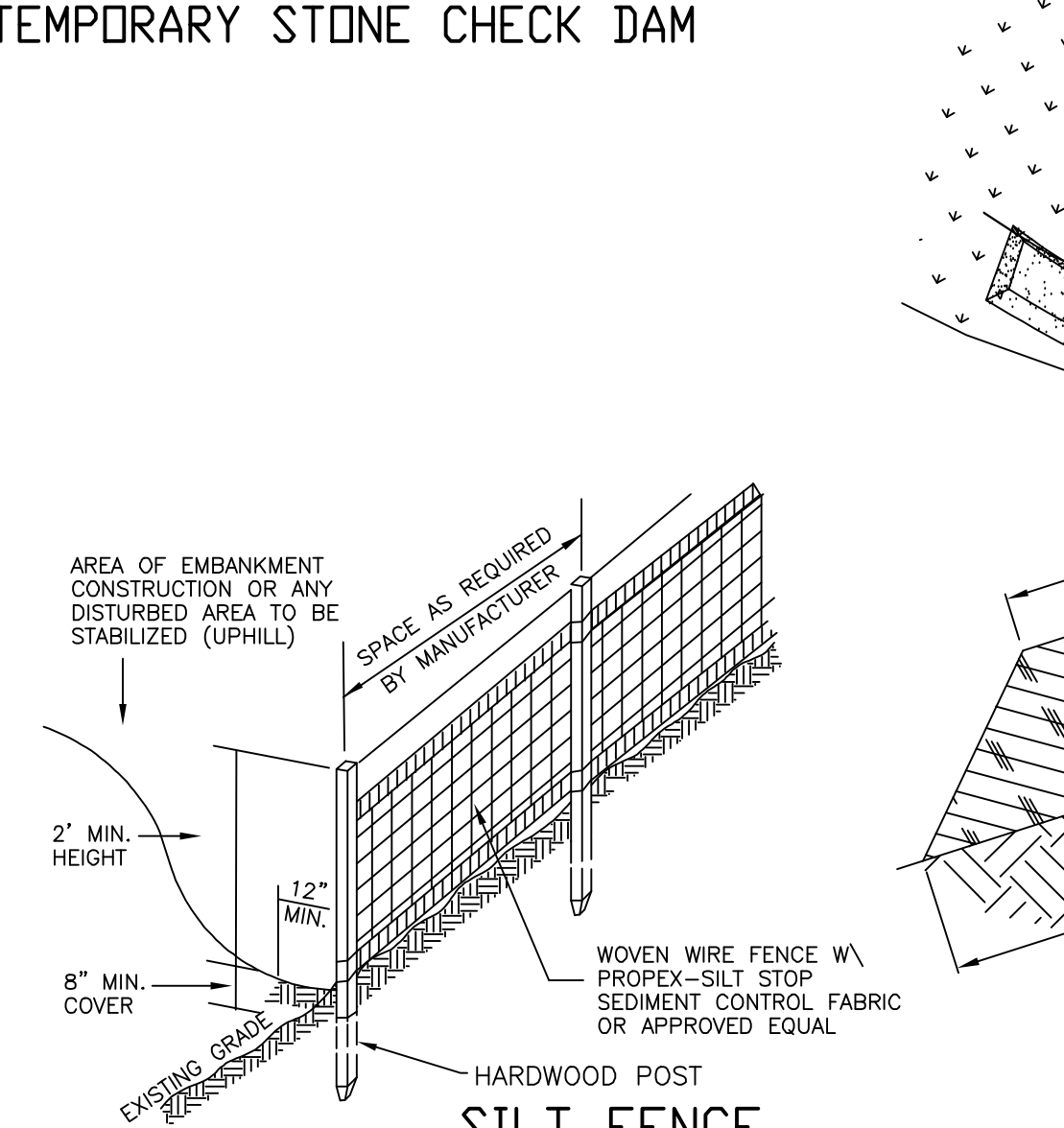
- GRADING AND SHAPING
 - A. SLOPES SHALL NOT BE STEEPER THAN 2:1; 3:1 SLOPES OR FLATTER ARE PREFERRED. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.
- SEEDBED PREPARATION
 - A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
 - B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
- ESTABLISHING A STAND
 - A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
 - AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100 LBS PER 1,000 SQ. FT.
 - NITROGEN (COE) PER ACRE OR 1 POUND PER 1,000 SQ. FT.
 - PHOSPHATE (P205), 100 LBS PER ACRE OR 2.2 LBS PER 1,000 SQ. FT.
 - POTASH (K2O), 100 LBS PER ACRE OR 2.2 LBS PER 1,000 SQ. FT.
 - (NOTE: THIS IS THE EQUIVALENT OF 500 LBS PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS PER ACRE OF 5-10-10.)
 - B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
 - C. REFER TO TABLE (E-1 THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE (H-E1 THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWN VETCH, BIRDS FOOT TREFLOID, AND FLAT PEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
 - D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
- MULCH
 - A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
 - B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90 LBS PER 1000 SQ. FT.
- MAINTENANCE TO ESTABLISH A STAND
 - A. PLANTED AREA SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
 - B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIAL STAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
 - C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.



TEMPORARY STONE CHECK DAM

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.

REMOVAL
 AFTER VEGETATION HAS STABILIZED, THESE TEMPORARY STRUCTURES SHALL BE REMOVED WITH SPECIAL CARE AS TO AVOID DISTURBING ANY UNDERLYING EROSION CONTROL FABRIC AND/OR EXISTING VEGETATION



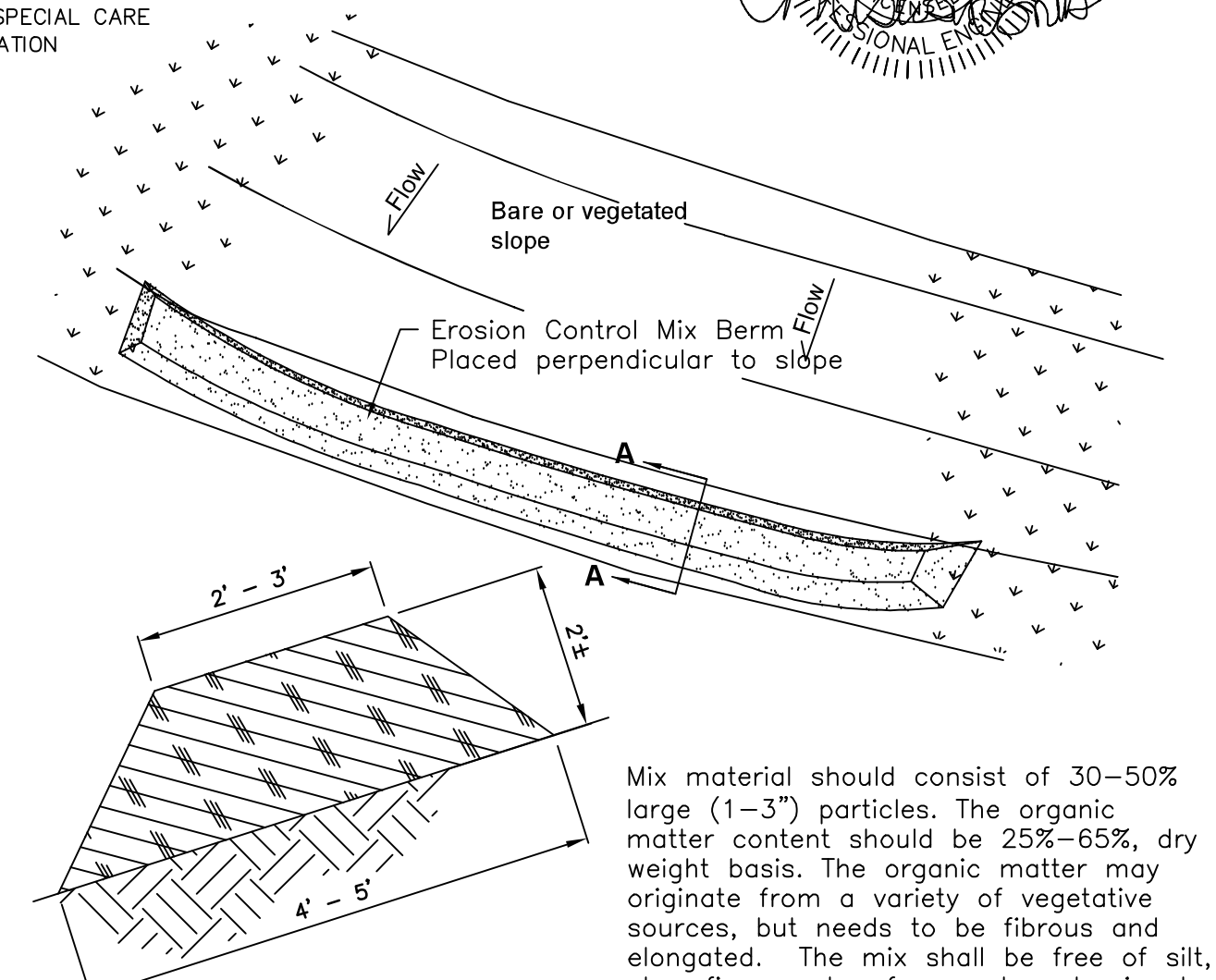
MAINTENANCE
 1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
 2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC 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 BARRIER.
 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.

SEEDING GUIDE

USE	SEEDING MIXTURE 1/	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	FAIR	GOOD
	C	POOR	GOOD	EXCELLENT	GOOD
	D	FAIR	FAIR	EXCELLENT	EXCELLENT
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	EXCELLENT	EXCELLENT
	C	GOOD	EXCELLENT	EXCELLENT	EXCELLENT
	D	GOOD	EXCELLENT	EXCELLENT	EXCELLENT
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	FAIR	POOR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	FAIR	GOOD	GOOD	EXCELLENT
PLAY AREAS AND ATHLETIC FIELDS (TOPSOIL IS ESSENTIAL FOR GOOD TURF)	F	FAIR	EXCELLENT	EXCELLENT	2/
	G	FAIR	EXCELLENT	EXCELLENT	2/

GRAVEL PIT, SEE NH-FM-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.
 1/ REFER TO SEEDING MIXTURES AND RATES IN TABLE 7-36.
 2/ POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.

NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR DATS AT A RATE OF 2.5 LBS. PER 1000 S.F. AND SHALL BE PLACED PRIOR TO OCT. 15, IF PERMANENT SEEDING NOT YET COMPLETE.



Erosion Control Mix Berm

MIXTURE	SEEDING RATES	
	POUNDS PER ACRE	POUNDS PER 1,000 Sq. Ft.
A. TALL FESCUE CREEPING RED FESCUE RED TOP TOTAL	20	0.45
	20	0.45
	2	0.05
	42	0.95
B. TALL FESCUE CREEPING RED FESCUE CROWN VETCH OR FLAT PEA TOTAL	15	0.35
	15	0.25
	15	0.35
	45	0.75
C. TALL FESCUE CREEPING RED FESCUE BIRDS FOOT TREFLOID TOTAL	20	0.45
	20	0.45
	8	0.20
	48	1.10
D. TALL FESCUE FLAT PEA TOTAL	20	0.45
	30	0.75
	50	1.20
	50	1.15
E. CREEPING RED FESCUE 1/ KENTUCKY BLUEGRASS 1/ TOTAL	50	1.15
	50	1.15
	100	2.30
	150	3.60
F. TALL FESCUE 1	150	3.60

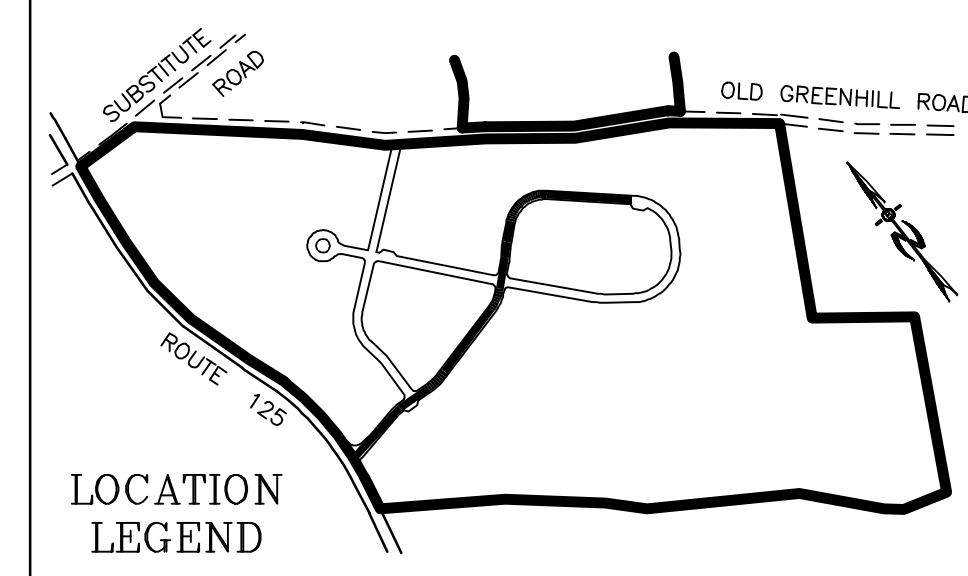
1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

REVISED ROAD GRADES PER PB COMMENTS	6-5-19
REVISIONS:	DATE:

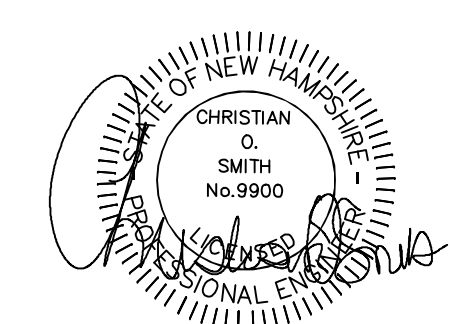
EROSION & SEDIMENTATION			
PLAN FOR:			
RESIDENTIAL DEVELOPMENT			
RT. 125 / OLD GREEN HILL RD.			
BARRINGTON, NH			
DATE:	MAY 2019	SCALE:	NONE
PROJ. NO:	NH-1144	SHEET NO.	33 OF 37

PREPARED FOR:
 ROUTE 125 DEVELOPMENT, LLC
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- NOTES**
- FOR ALL DRAINAGE LOCATIONS AND ELEVATIONS PLEASE REFER TO THE ROADWAY PROFILES.
 - FOR ROADWAY TYPICAL CROSS SECTION PLEASE SEE SHEET 32.



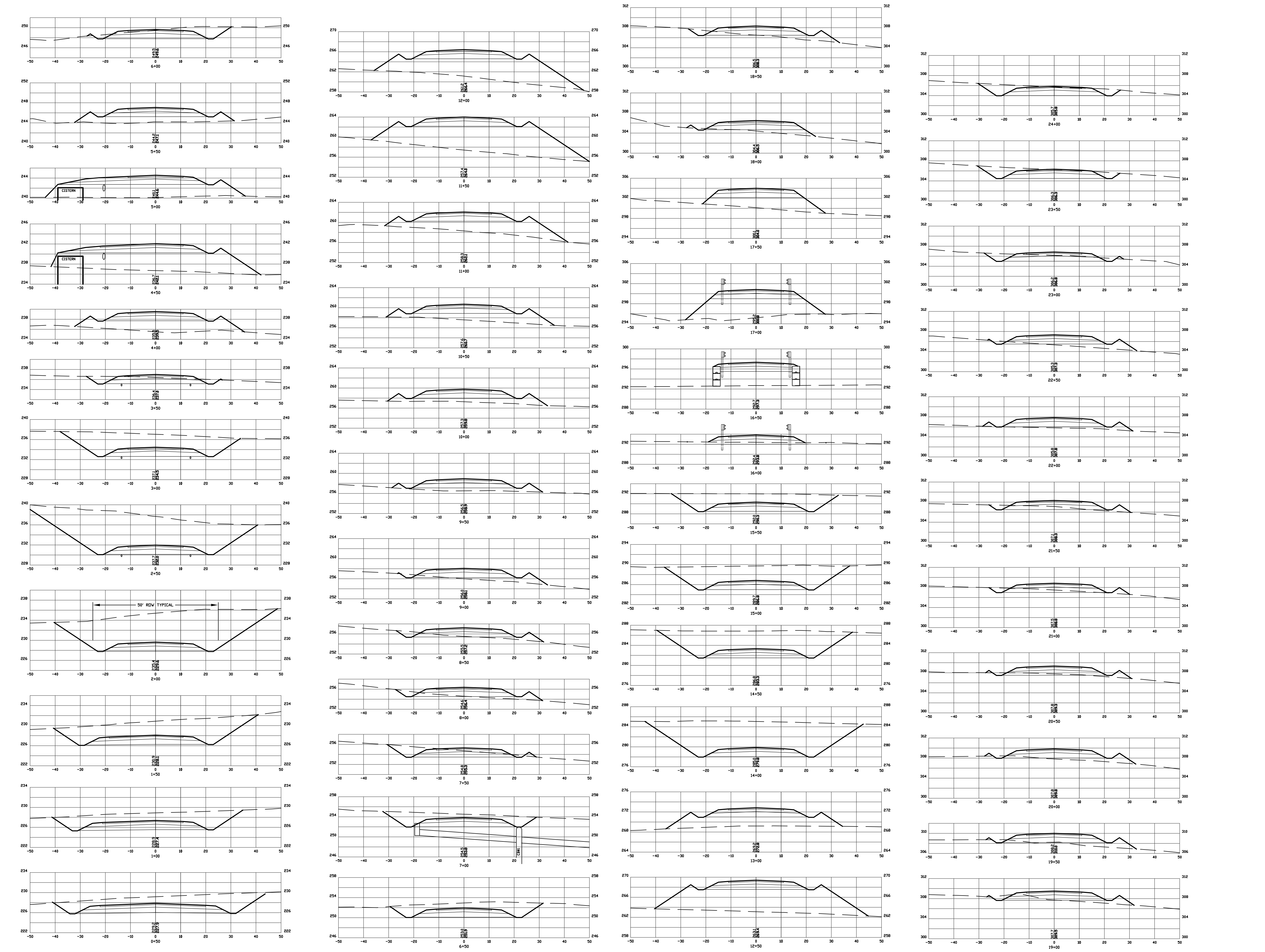
X-SECTION SCALES:
 HORIZONTAL: 1"=20' VERTICAL: 1"=10'

REVISED PER NHDOT	4-21-20
REVISED PER REVIEW COMMENTS	7-24-19

CROSS-SECTIONS X1

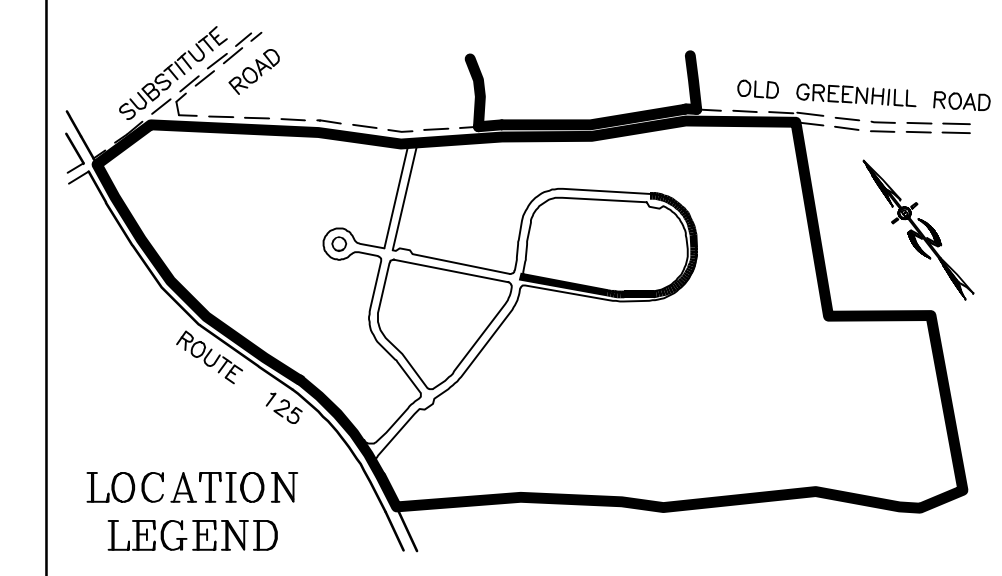
PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE: JUNE 2019	SCALE: 1"=20'
PROJ. NO: NH-1144	SHEET NO. 34 OF 37

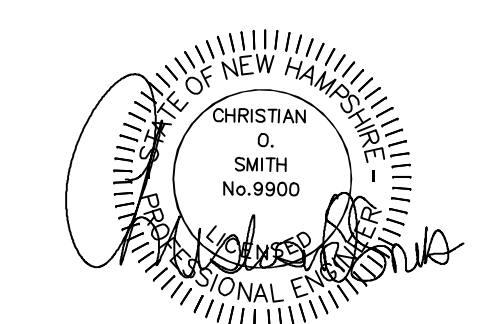


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NOTES
 1. FOR ALL DRAINAGE LOCATIONS AND ELEVATIONS PLEASE REFER TO THE ROADWAY PROFILES.
 2. FOR ROADWAY TYPICAL CROSS SECTION PLEASE SEE SHEET 30.

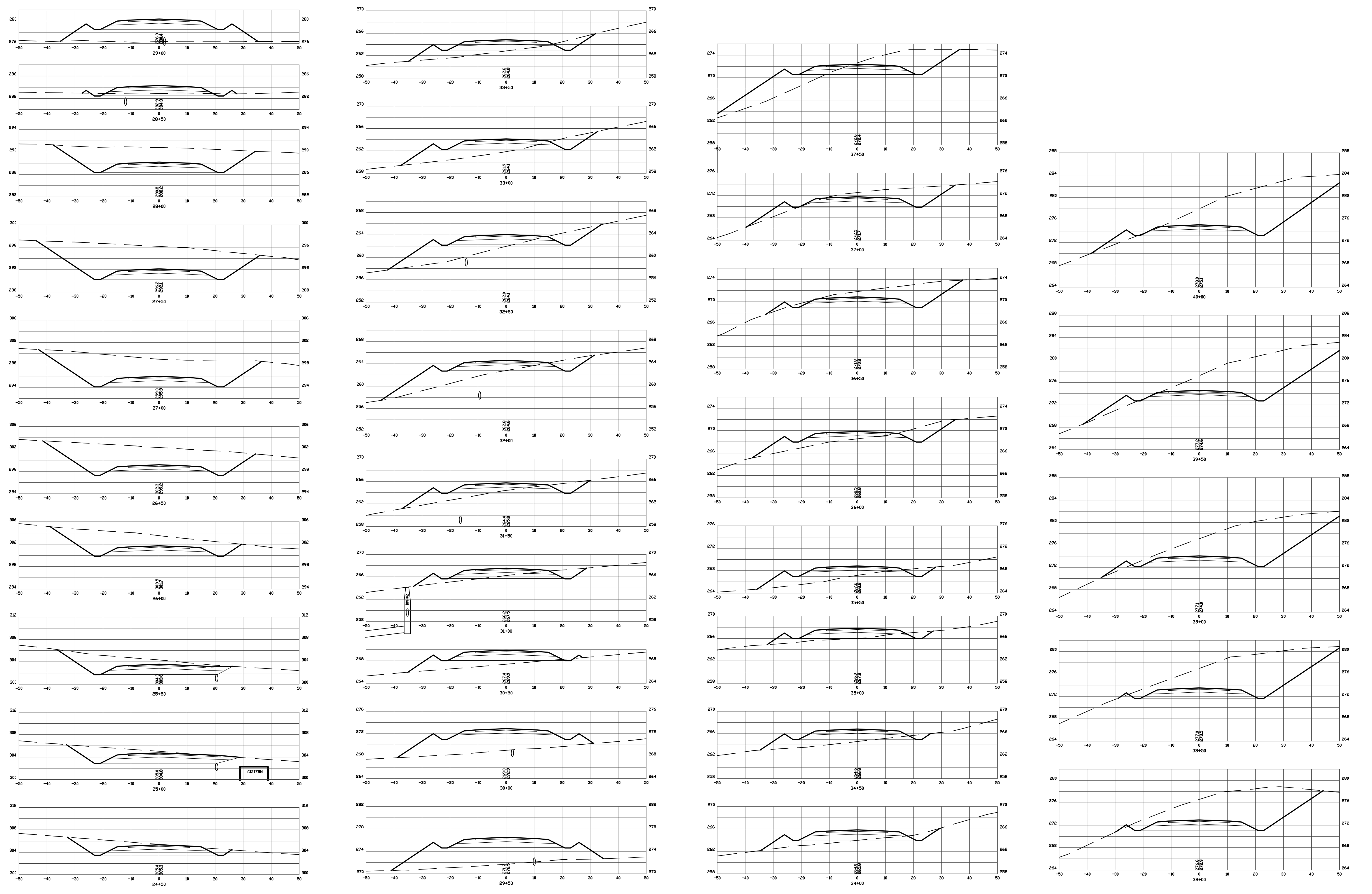


X-SECTION SCALES:
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CROSS-SECTIONS X2

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

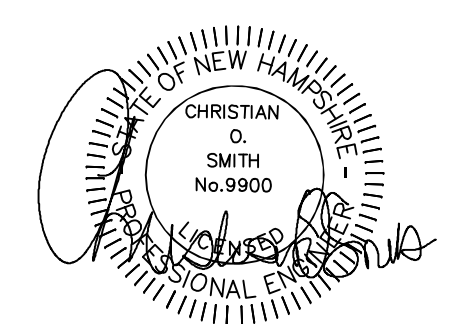
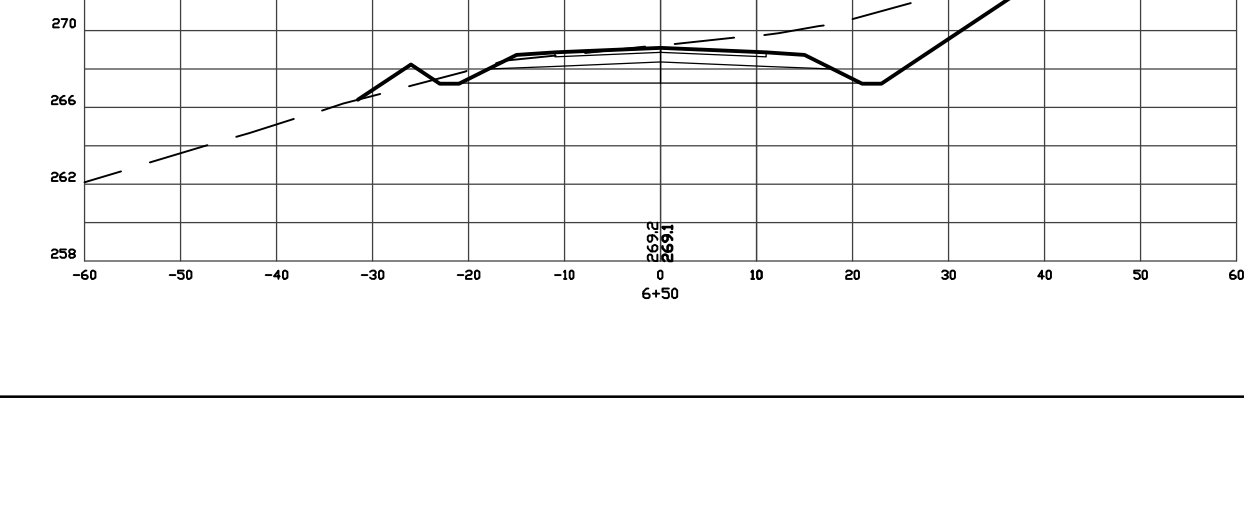
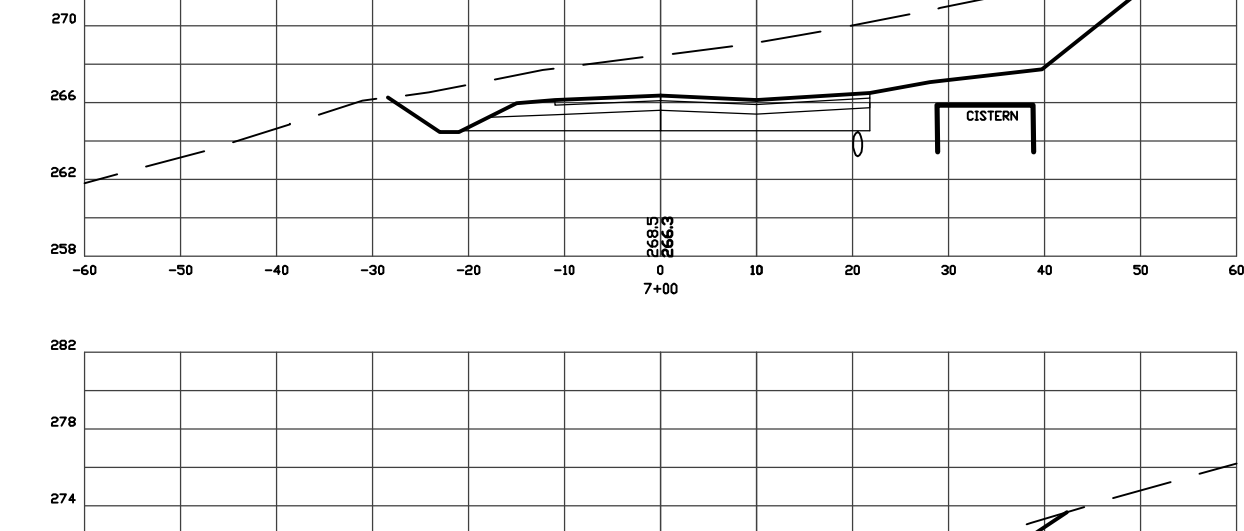
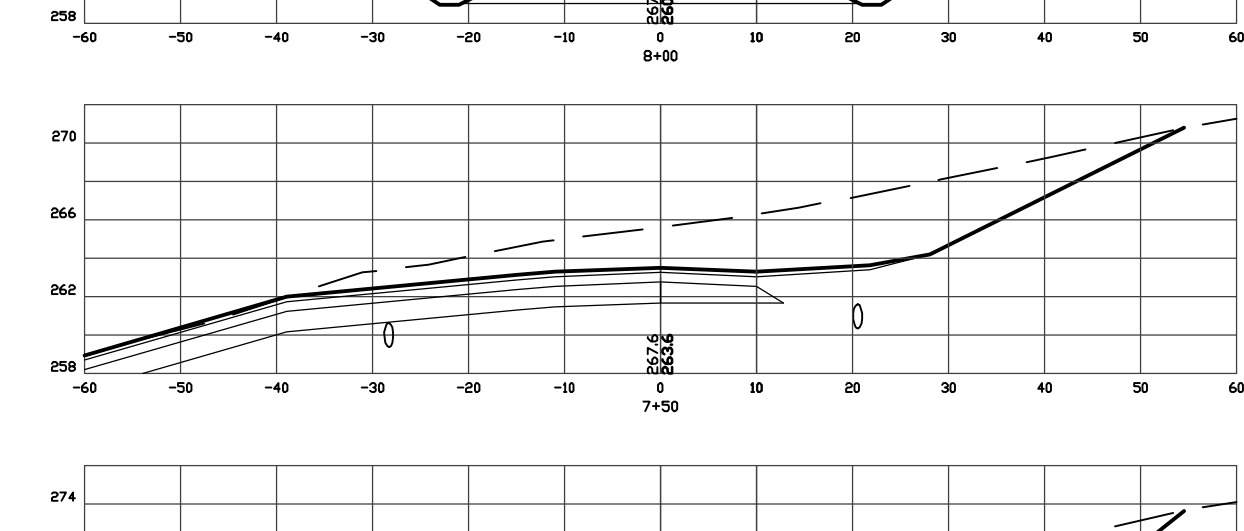
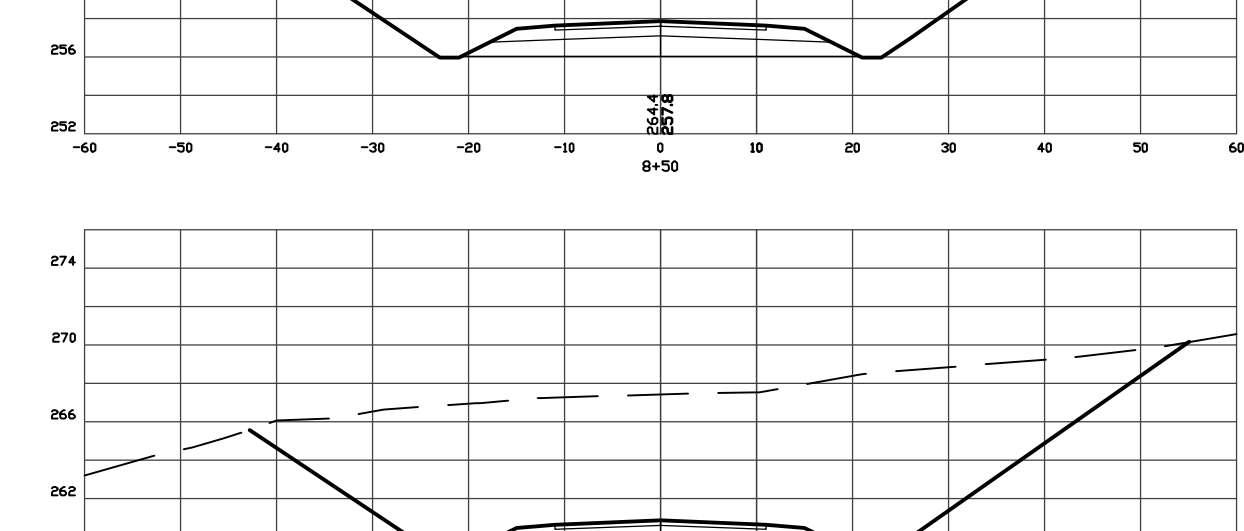
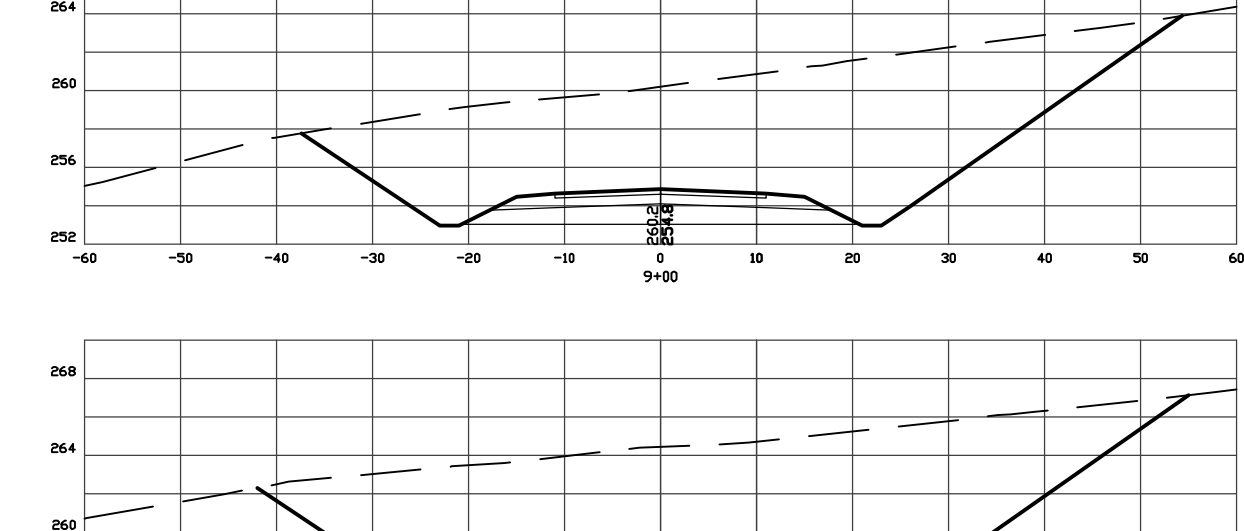
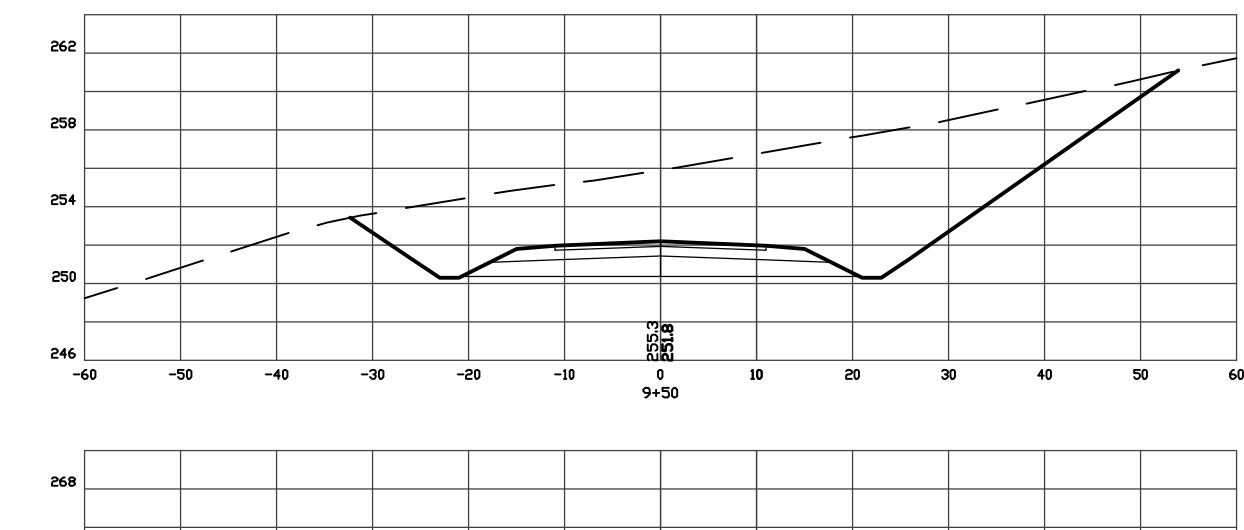
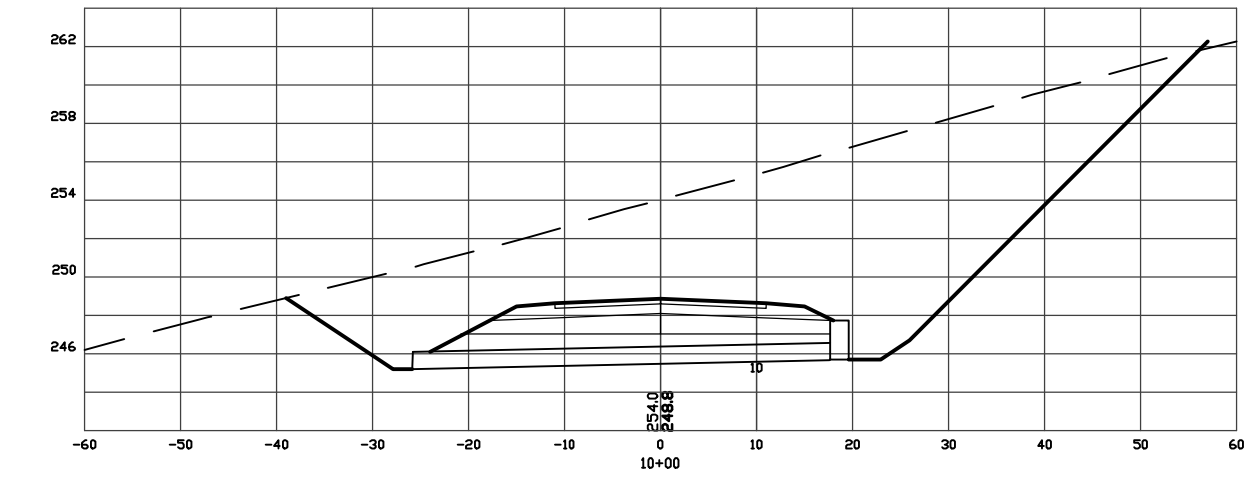
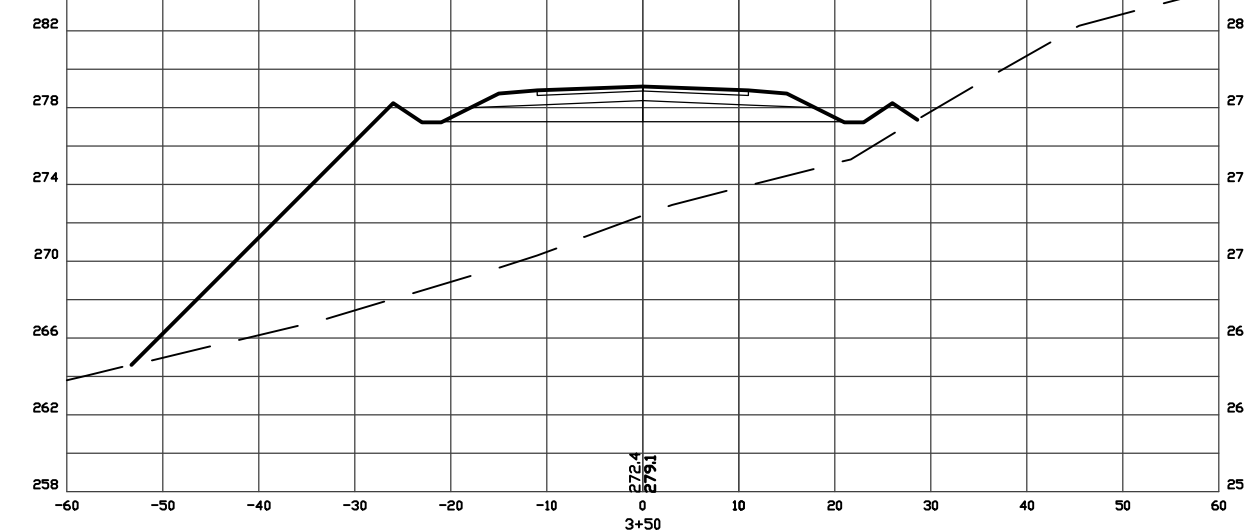
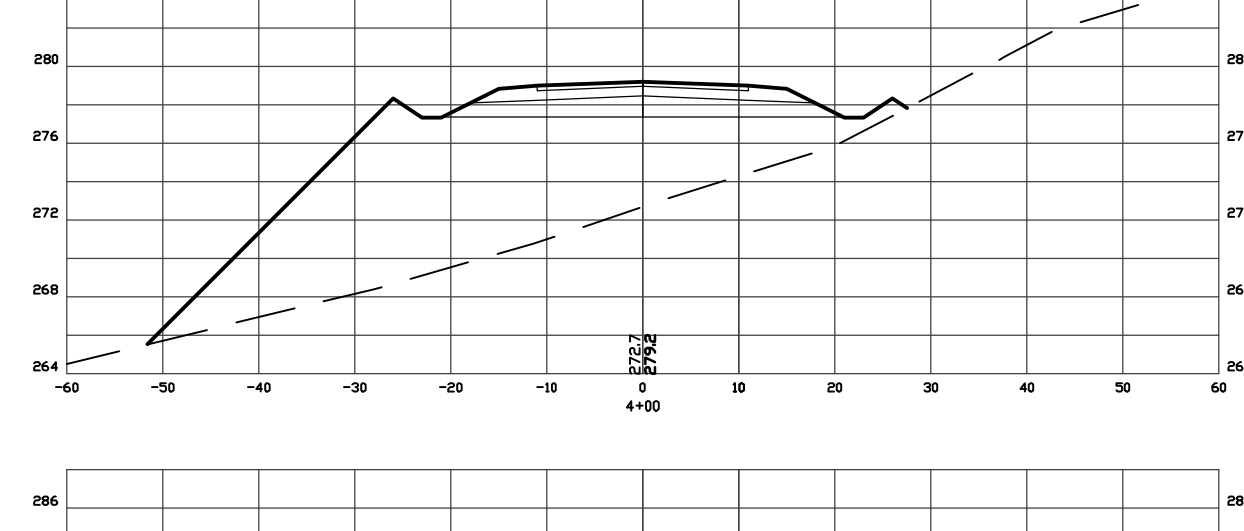
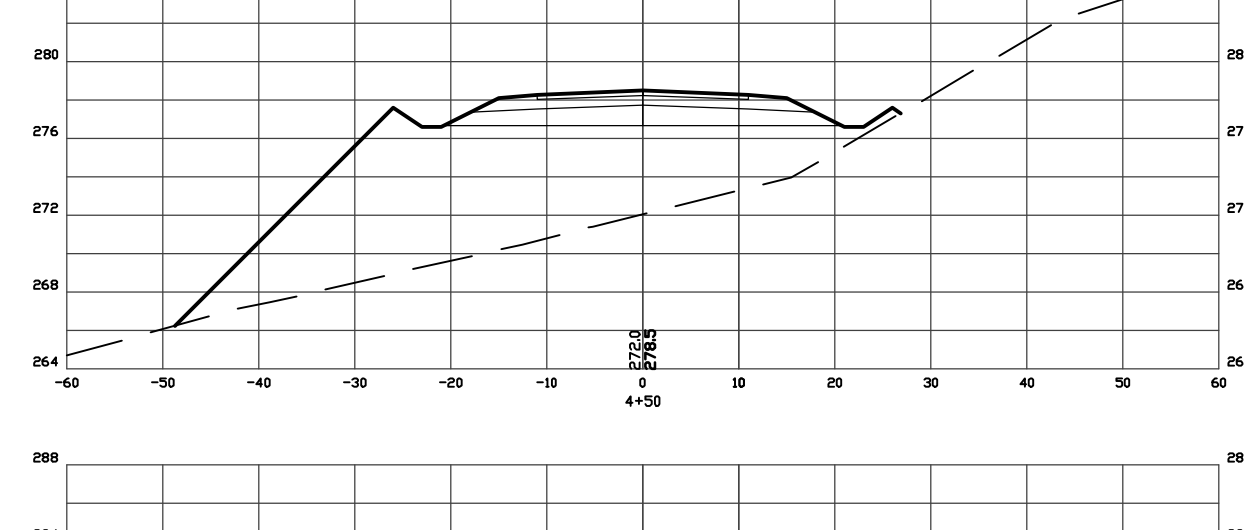
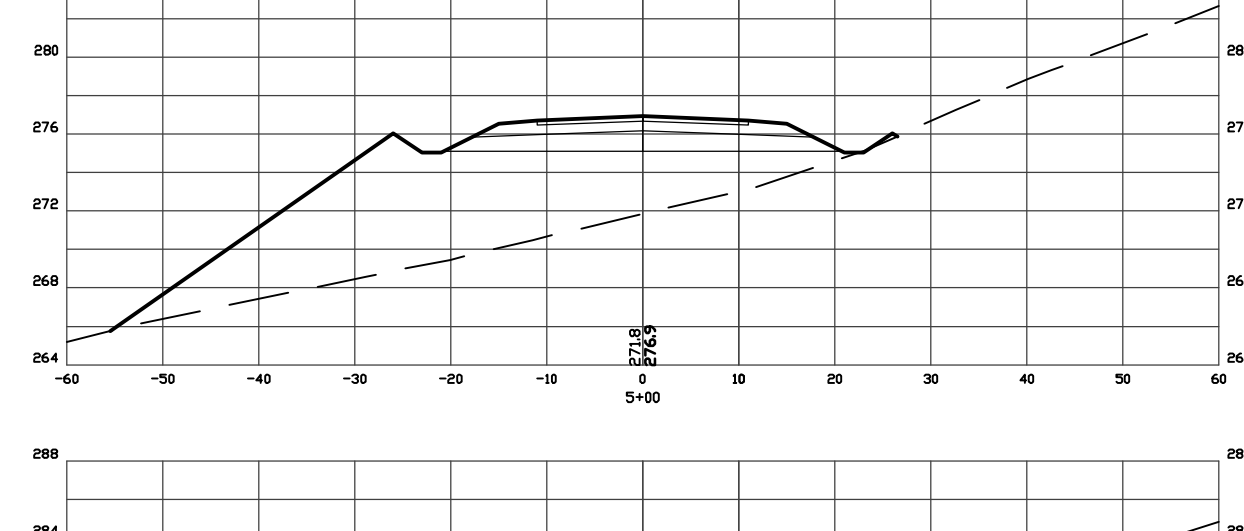
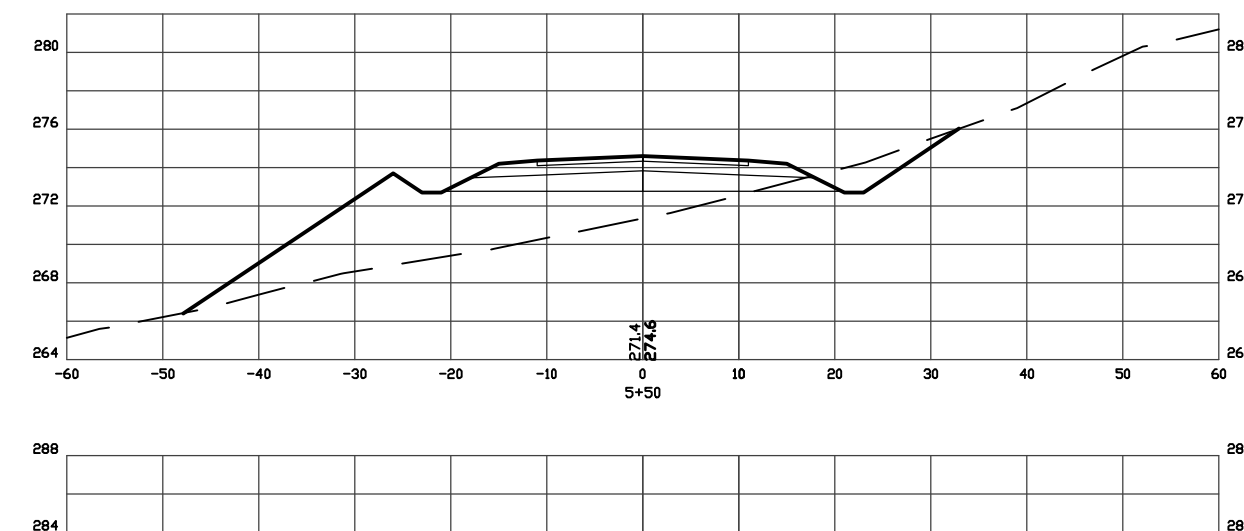
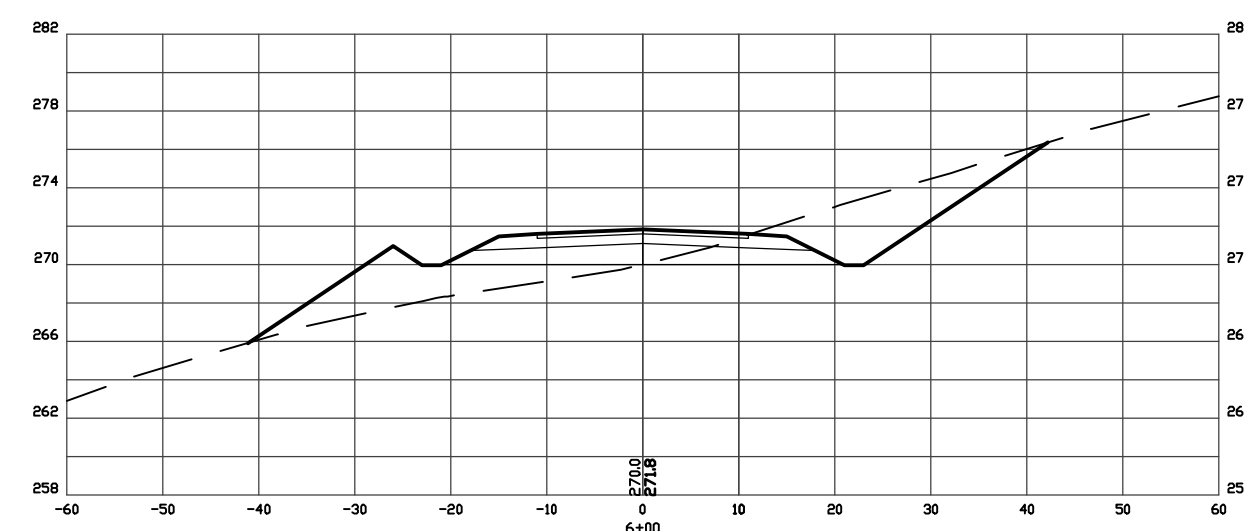
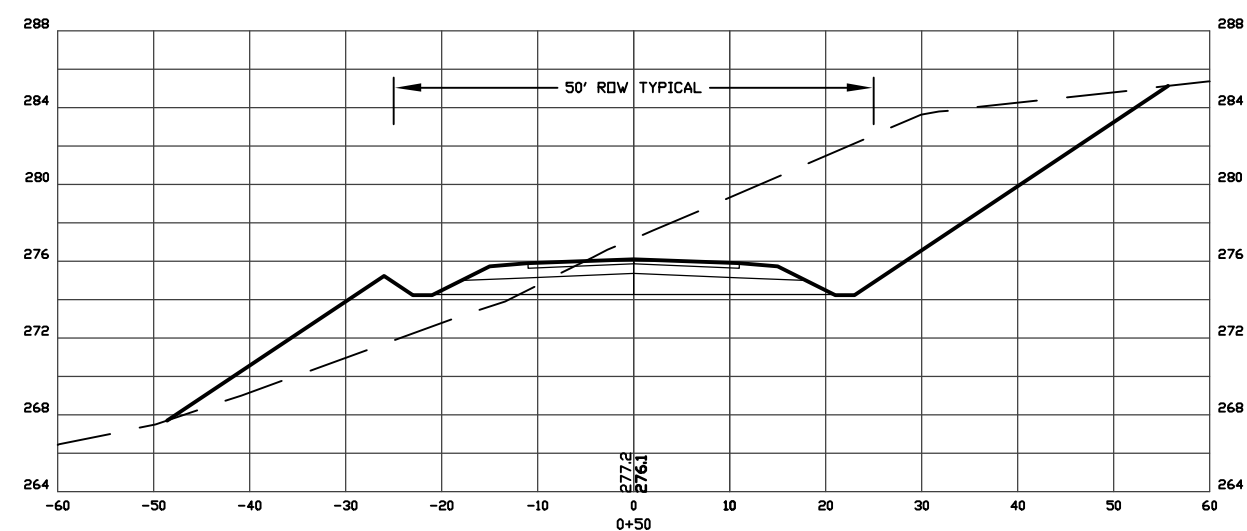
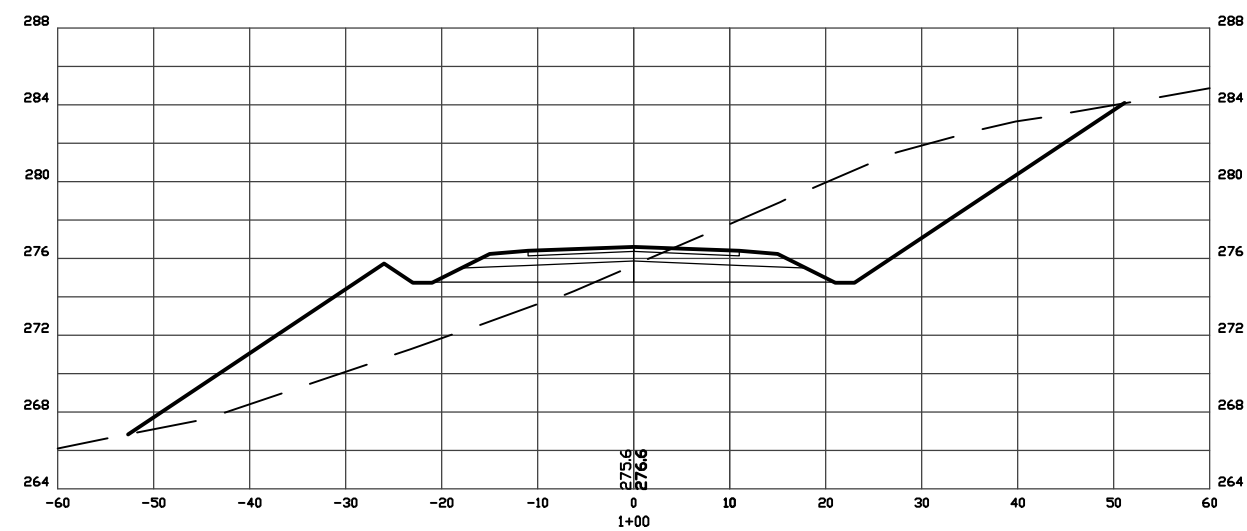
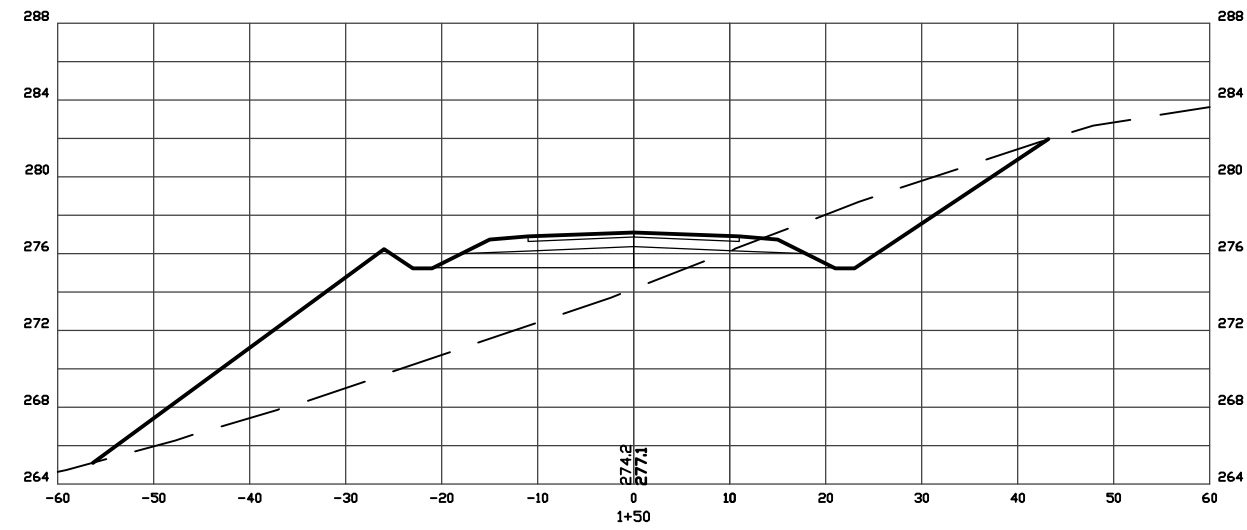
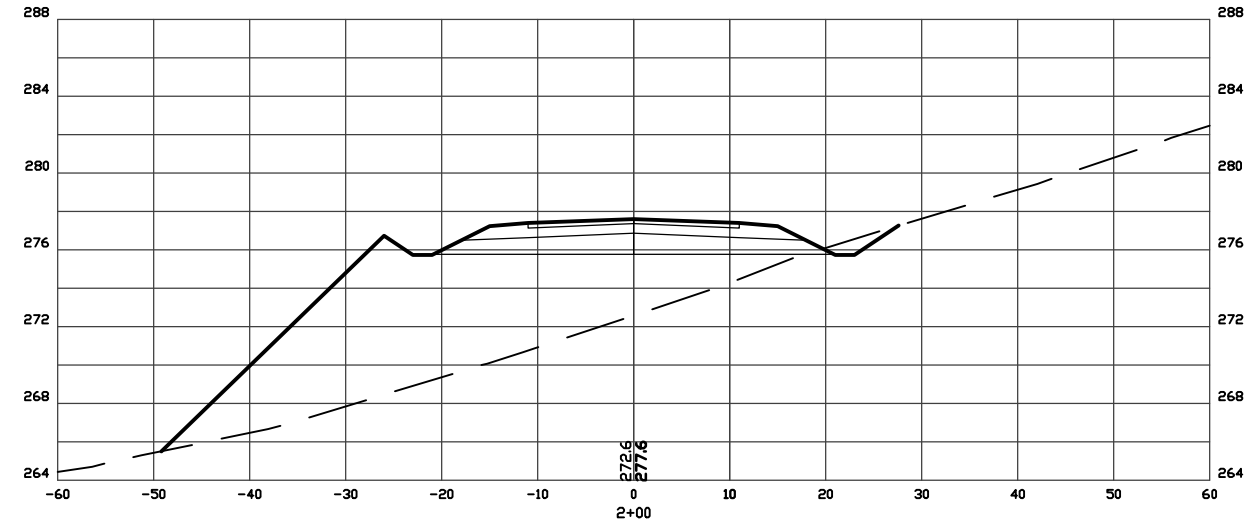
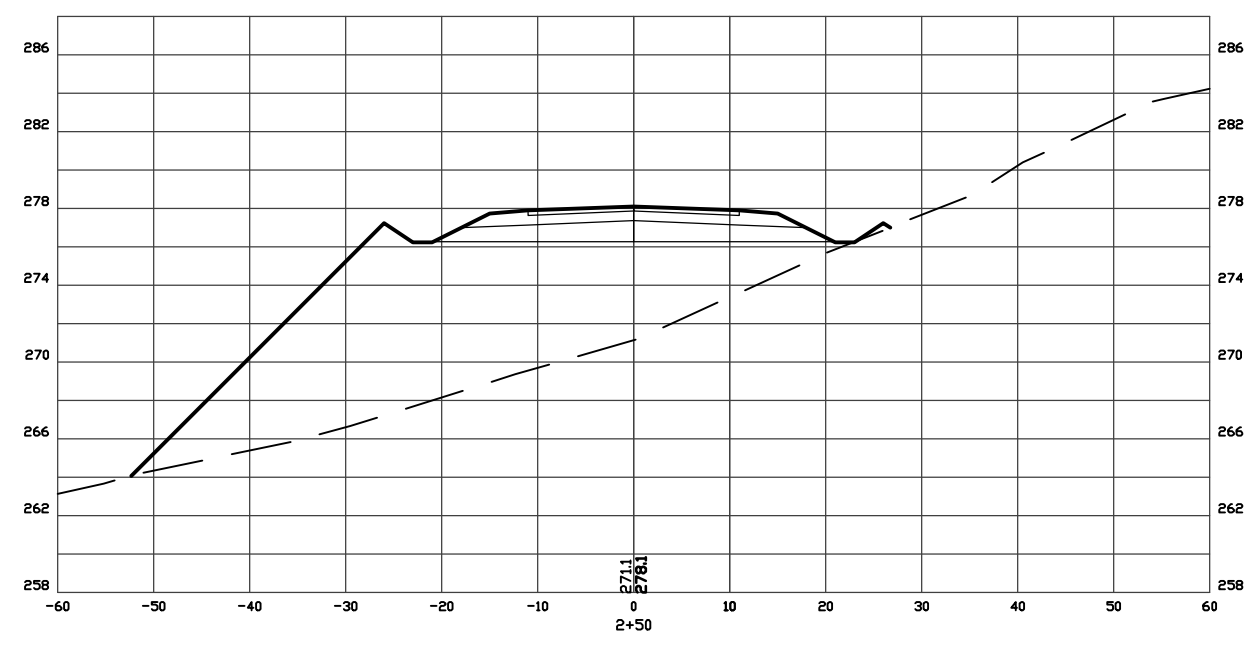
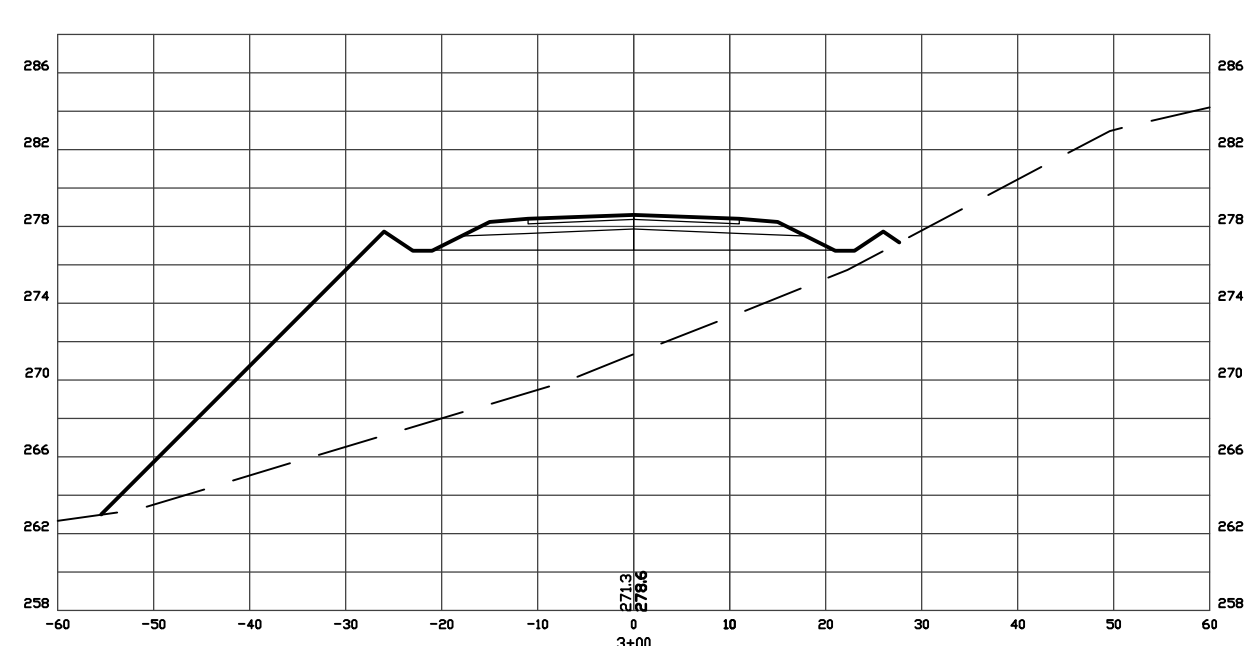
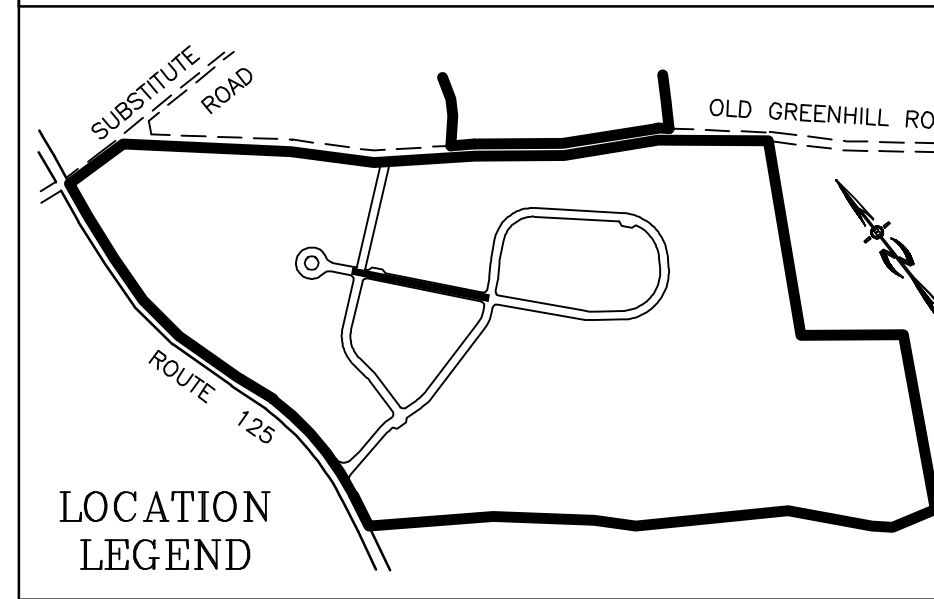
DATE:	JUNE 2019	SCALE:	1" = 20'
PROJ. NO:	NH-1144	SHEET NO.	35 OF 37



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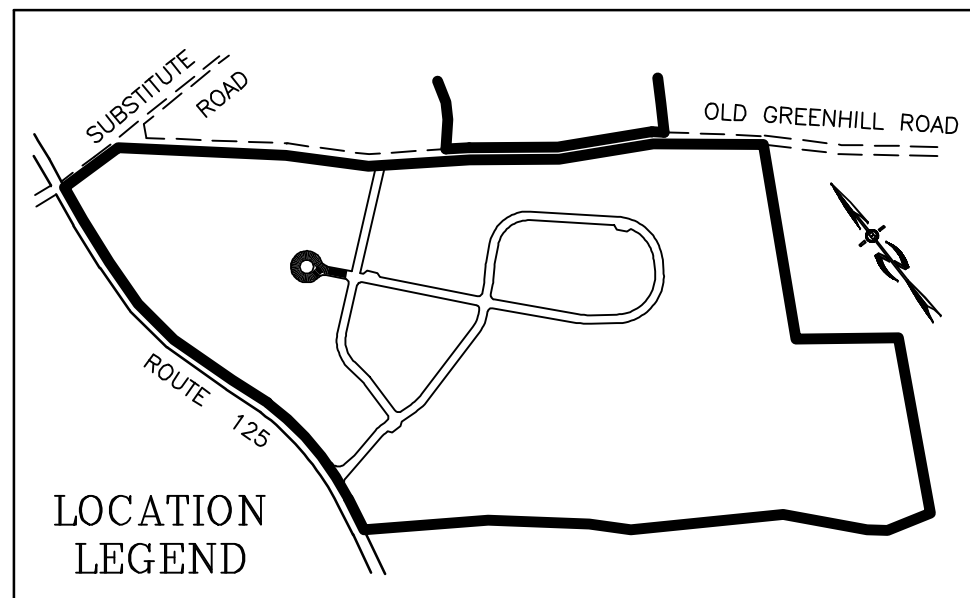
X-SECTION SCALES:
 HORIZONTAL: 1"=10'
 VERTICAL: 1"=5'

REVISED ACCESS	10-8-20
REVISED PER NHDOT	4-21-20

CROSS-SECTIONS X3

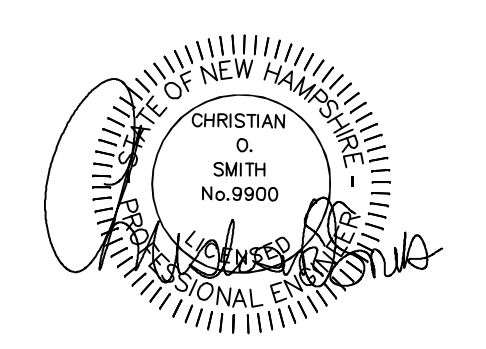
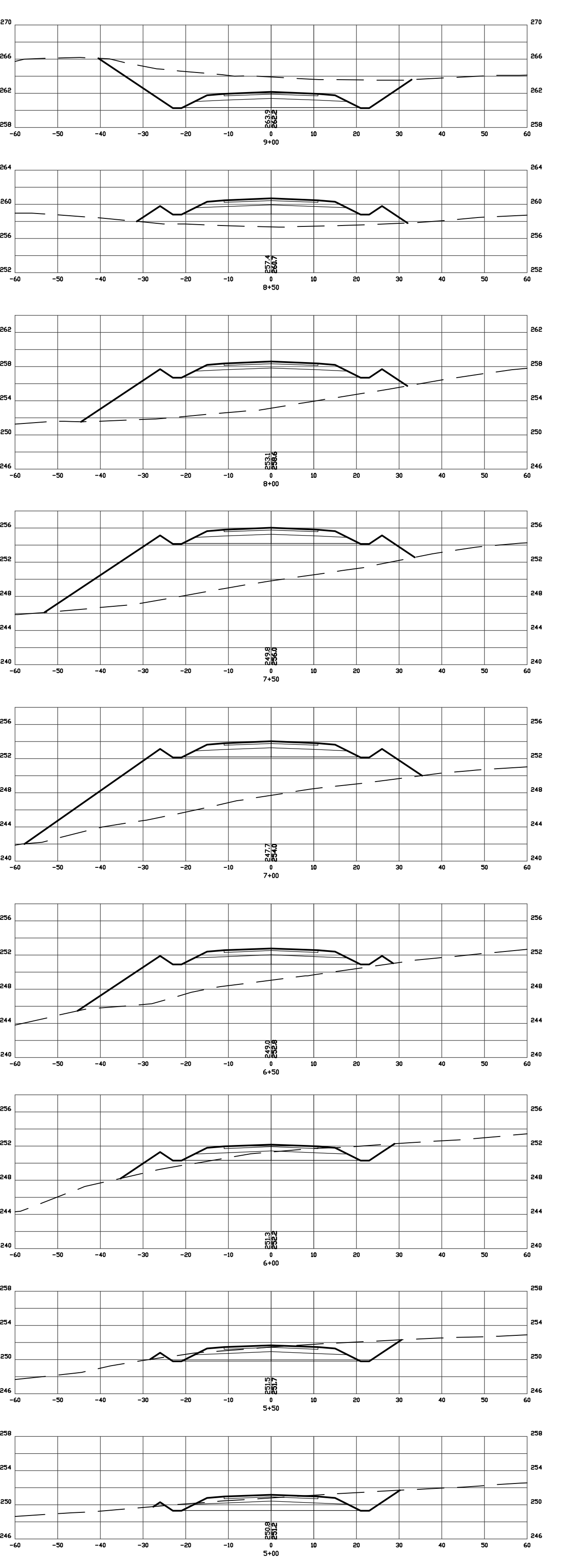
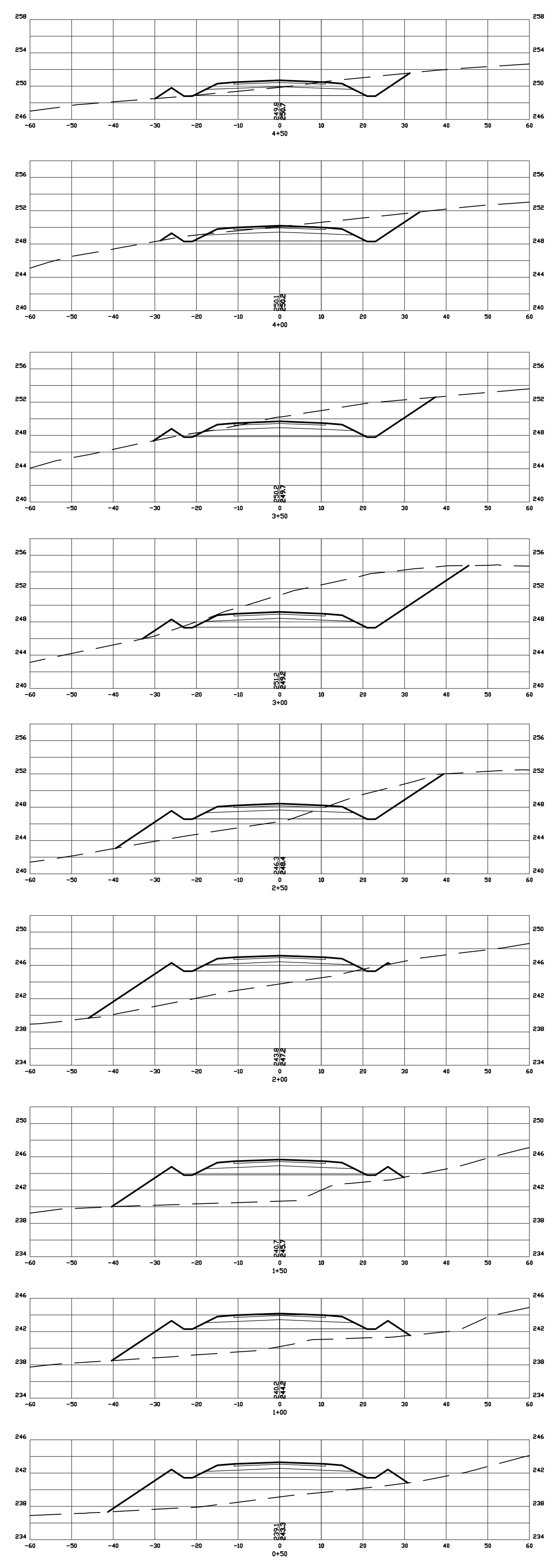
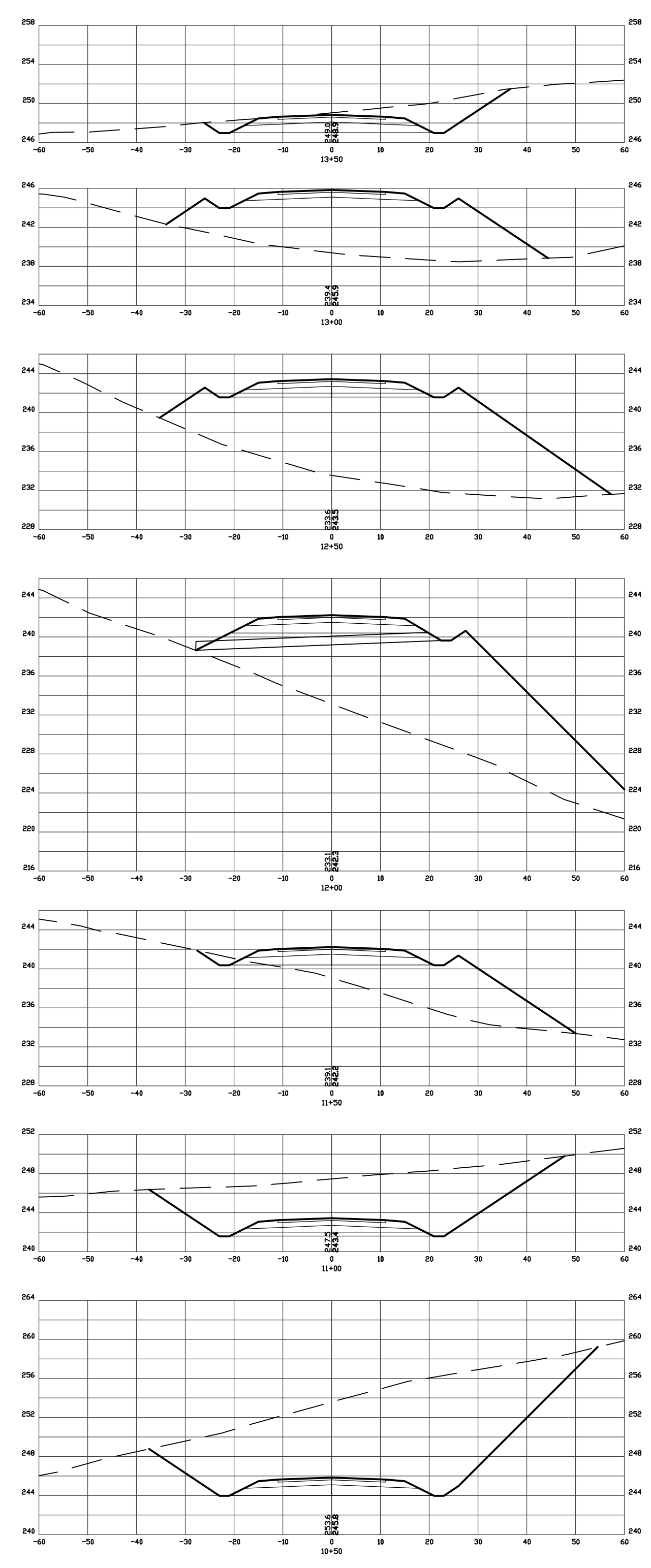
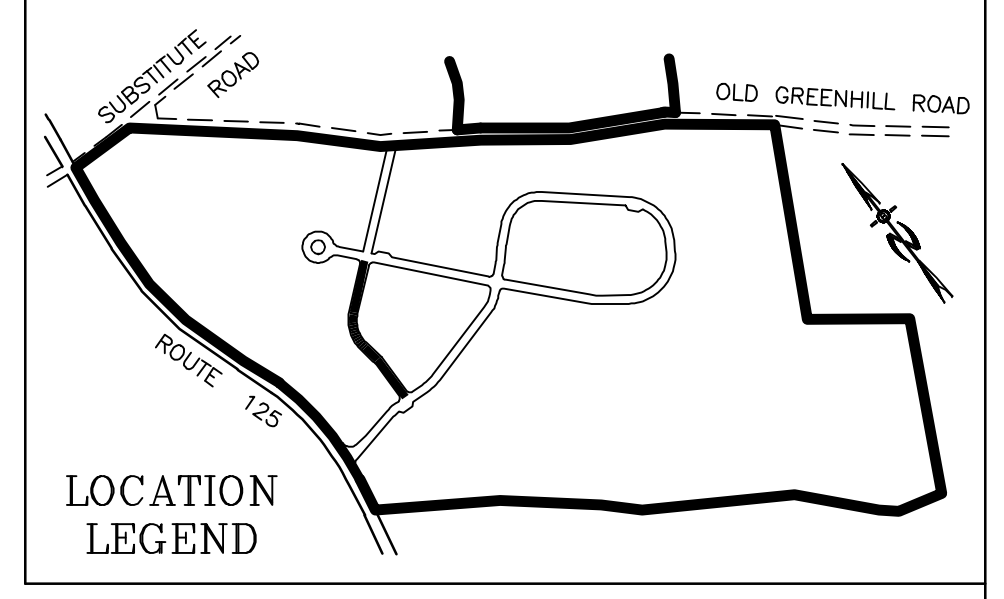
PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 RT. 125 / OLD GREEN HILL RD.
 BARRINGTON, NH

DATE: JUNE 2019	SCALE: 1" = 20'
PROJ. NO: NH-1144	SHEET NO. 36 OF 37



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REVISED ACCESS	10-8-20
CROSS-SECTIONS X4	
PLAN FOR: RESIDENTIAL DEVELOPMENT RT. 125 / OLD GREEN HILL RD. BARRINGTON, NH	
DATE: JUNE 2019	SCALE: 1" = 20'
PROJ. NO: NH-1144	SHEET NO. 37 OF 37