

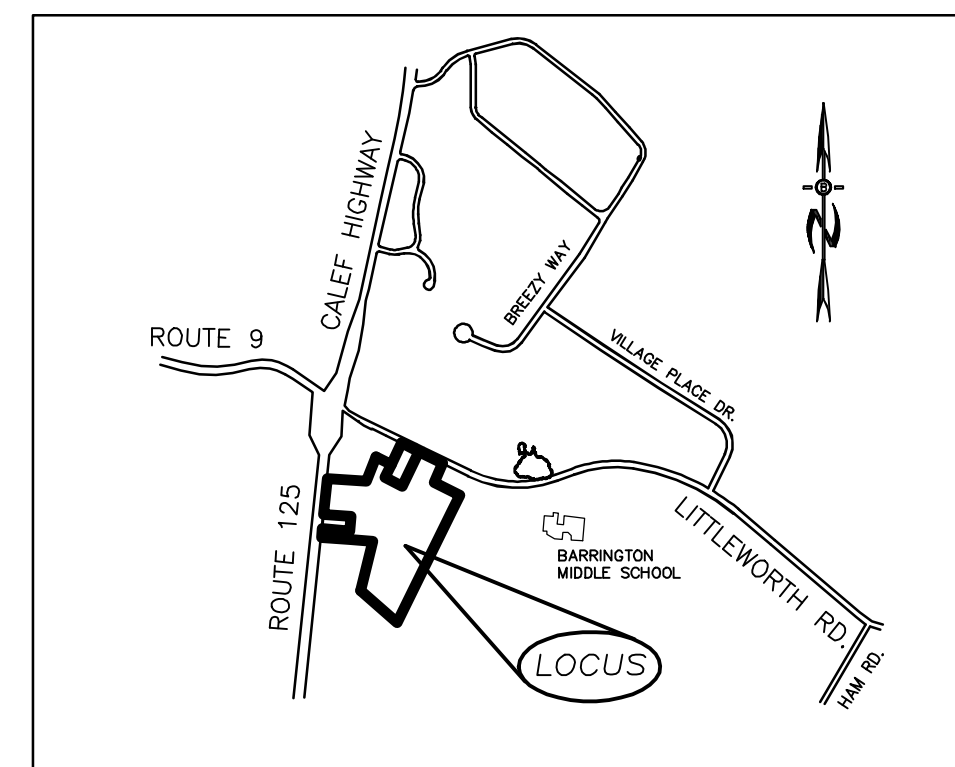
THE CROSSING AT VILLAGE CENTER RESIDENTIAL DEVELOPMENT

RECORD OWNERS:

TAX MAP 238 LOT 36
WALDRON HALEY REV LIV TRUST
14 SHAKESPEARE RD.
NASHUA, NH 03062

APPLICANT:

J&L TERRA HOLDINGS, INC.
79 EXETER ROAD
N. HAMPTON, N.H. 03862



LOCATION MAP
1"=2000'

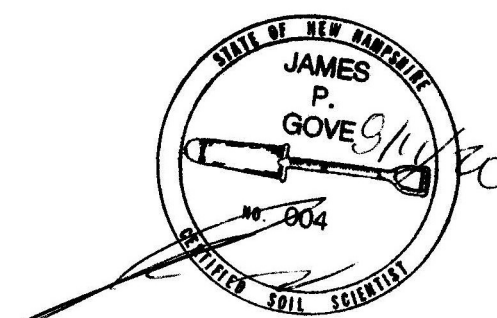
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APPROVAL BLOCK

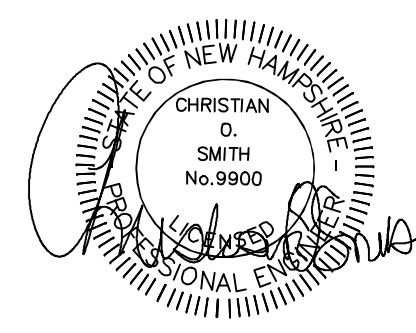
APPROVED TOWN OF BARRINGTON PLANNING BOARD	
CHAIRPERSON	DATE

REVISED PER PB COMMENTS	11-24-20
REVISIONS:	DATE:



WETLAND/SOIL CONSULTANT:

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



CIVIL ENGINEERS:

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

REQUIRED PERMITS

NHDES SUBDIVISION APPROVAL NUMBER: SA 2020
NHDES ALTERATION OF TERRAIN NUMBER:
NPDES APPROVAL NUMBER:
NH DOT DRIVEWAY PERMIT

LAND SURVEYORS:

DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
PO BOX 1622
DOVER, NH 03821
1-603-664-5786

PLAN SET LEGEND

UTILITY POLE	⊙	OVERHEAD ELEC. LINE	— OHE —
DRAIN MANHOLE	⊙	UNDERGROUND ELEC. LINE	— UGE —
SEWER MANHOLE	⊙	DRAINAGE LINE	— D — D —
EXISTING LIGHT POLE	⊙	SEWER LINE	— S —
EXISTING CATCH BASIN	⊙	GAS LINE	— G —
PROPOSED CATCH BASIN	⊙	WATER LINE	— W —
EXIST. SPOT GRADE	96x69	STONE WALL	— — — — —
PROP. SPOT GRADE	96x69	TREE LINE	— — — — —
DOUBLE POST SIGN	⊙	ABUT. PROPERTY LINES	— — — — —
SINGLE POST SIGN	⊙	EXIST. PROPERTY LINES	— — — — —
STREET LIGHT	⊙	BUILDING SETBACK LINES	— — — — —
TEST PIT	⊙	EXIST. CONTOUR	— 100 —
4000 SF SEPTIC RESERVE AREA	⊙	PROP. CONTOUR	— 100 —
PROP. WELL W/ 75' PROTECTIVE RAD.	⊙	SOIL LINES	— — — — —
		SILT FENCE OR EROSION CONTROL BERM	— — — — —
		30K GAL. FIRE CISTERN	— — — — —

- Legend:**
- C2 See Curve Table
 - L1 See Length Table
 - SCRD Strafford County Registry of Deeds
 - Iron Pipe Found
 - Iron Rod Found
 - ✕ Steel Stake Found
 - Granite Bound Found
 - ⊕ Utility Pole
 - Proposed Waterlines
 - Proposed Sewerlines
 - Building Setback
 - Jurisdictional Wetlands
 - Culvert
 - Stone Wall

Reference:
 *Lot Line Adjustment for Alan D. Haley & Waldron B. Haley Living Revocable Trust of 1998, Barrington, NH, dated February 2020, revised 03-19-20, prepared by Norway Plains Associates Inc., SCRD Plan #12137.

For Registry of Deeds Purposes



Notes:

- 1.) This plan does not represent a determination of title and the purpose of this plan is to depict the proposed improvements of Units 1 through 80 located on the subject parcel for condominium conversion utilizing the boundary information depicted on the plan reference. Each unit is to be served by community septic system and community wells.
- 2.) Plan Error of Closure Better Than 1:15,000.
- 3.) Parcel is shown as Lot 36 on the Town of Barrington Assessor's Map 238.
- 4.) Parcel is located in the Village District & Wetlands Protection District Overlay (50' from edge of jurisdictional wetlands).
- 5.) Owner of Record: Waldron B. Haley Living Revocable Trust of 1998
14 Shakespeare Road
Nashua, NH 03062-2431
SCRD Bk 2068, Pg 247
- 6.) This plan does not show any unrecorded or unwritten easements which may exist. A reasonable and diligent attempt has been made to observe any apparent, visible uses of the land; however this does not constitute that no such easements exist.
- 7.) Parcel is not located in a Flood Hazard Zone as depicted on Flood Insurance Rate Map, No. 33017C0305E, Strafford County, NH, (All Jurisdictions), Effective Date: May 17, 2005.
- 8.) Existing Lot Area: 21.09 Acres
- 9.) The wetland areas shown hereon were field delineated by Gove Environmental Services, Inc., of 8 Continental Drive, Building #2, Unit H, Exeter, NH.
- 10.) NHDOT Driveway Permit: Pending.
- 11.) See Sheet 2 of 2 for Roadway and Access Easement Details.

CONDOMINIUM SITE PLAN
 PREPARED FOR
THE CROSSING AT VILLAGE CENTER
 OF PROPERTY IN THE NAME OF
WALDRON B. HALEY REVOCABLE LIVING TRUST OF 1998
 OF
TAX MAP 238 / LOT 36
 LOCATED AT
FRANKLIN PIERCE HIGHWAY (NH ROUTE 9)
 COUNTY OF STRAFFORD
BARRINGTON, NH



SCALE: 1" = 50' DATE: SEPTEMBER 3, 2020

DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
 PO BOX 1622
 DOVER, NH 03821
 TEL/FAX (603) 664-5786
 www.landsurveyingservices.net

WETLAND SCIENTIST CERTIFICATION

1. US Army Corps of Engineers Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Technical Report ERDC/EL TR-09-19 (Oct 2009).
2. Field Indicators of Hydric Soils in the United States, A Guide for Identifying and Delineating Hydric Soils, Version 7.0. United States Department of Agriculture (2010).
3. North American Digital Flora: National Wetland Plant List, Version 2.2.1 (2009).
4. Classification of Wetlands and Deepwater Habitats of the United States, USFW Manual FWS/OBS-79/31 (1979).

ZONING REQUIREMENTS

ZONE (RESIDENTIAL)	VILLAGE DISTRICT
LOT AREA MIN.	80,000 S.F.
FRONTAGE	200 FT.
FRONT YARD	40 FT.
SIDE & REAR YARD	30 FT.
WETLAND BUFFER	50 FT.
MAX. BUILDING HEIGHT	35 FT.
MAX. BUILDING STORIES	2.5
MAX. LOT COVERAGE	40%

This plan is a condominium instrument under RSA Chapter 356-B and is not a subdivision of land.

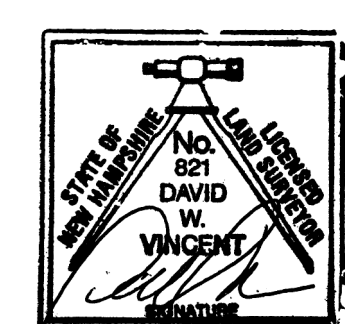
I certify that this survey plot is not a subdivision pursuant to this title and that the lines of streets and ways shown are those of public or private streets or ways already established and that no new ways are shown.

I certify: A.) That this site plan depicts the proposed location and dimensions of the improvements shown hereon, specifically units 1 through 80.

B.) That said units are not yet begun construction; and

C.) That this plan is accurate and complies with the provisions of RSA 356-B:20(i) for site plans.

TOWN OF BARRINGTON PLANNING BOARD APPROVAL



4 Dec. 2020

David W. Vincent, LLS No. 821

Date

DWG NAME: 014condosite | FB: DC

NO.	DATE	DESCRIPTION	BY
1	12/4/20	revs. per FB comments	dnv
4			
3			
2			

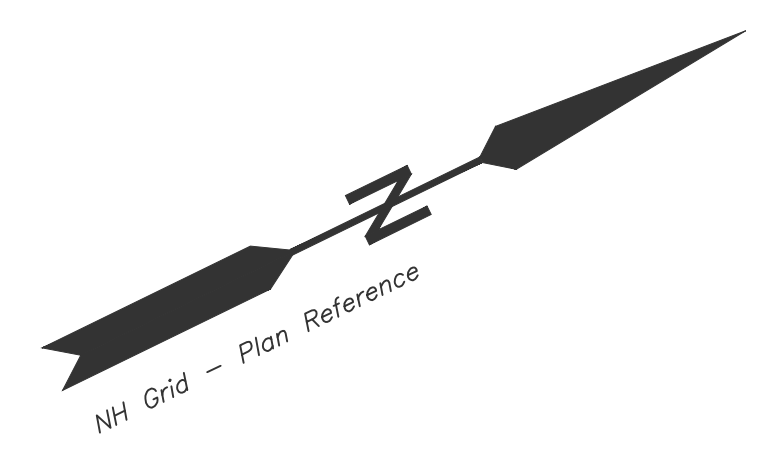
- Legend:**
- C2 See Curve Table
 - L1 See Length Table
 - SCRD Stafford County Registry of Deeds
 - Iron Pipe Found
 - Iron Rod Found
 - ✕ Steel Stake Found
 - Granite Bound Found
 - ⊥ Utility Pole
 - Proposed Waterlines
 - - - Proposed Sewerlines
 - Building Setback
 - - - Jurisdictional Wetlands
 - Culvert
 - Stone Wall

Length Table:

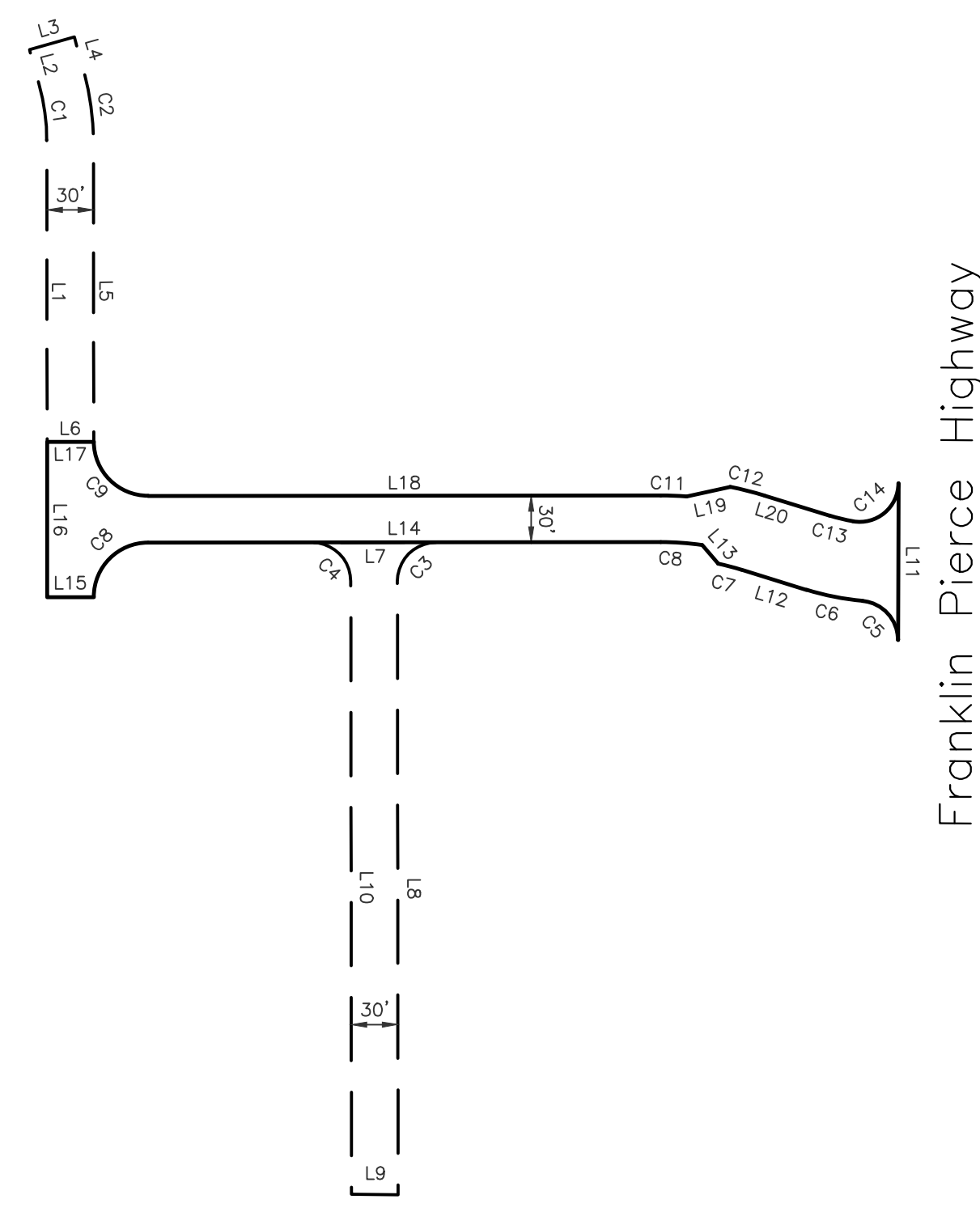
LINE	BEARING	DISTANCE
L1	N64°03'49"W	193.93'
L2	N79°26'30"W	23.57'
L3	N09°59'05"E	30.00'
L4	S79°26'30"E	23.87'
L5	S64°03'49"E	193.93'
L6	S25°56'11"W	30.00'
L7	N25°56'11"E	80.00'
L8	S64°03'49"E	394.91'
L9	S26°39'27"W	30.00'
L10	N64°03'49"W	394.53'
L11	S63°48'48"E	100.74'
L12	S43°13'01"W	43.66'
L13	S75°44'53"W	15.68'
L14	S25°56'11"W	329.94'
L15	S25°56'11"W	30.00'
L16	N64°03'49"W	100.00'
L17	N25°56'11"E	30.00'
L18	N25°56'11"E	329.94'
L19	N13°37'39"E	28.83'
L20	N43°13'01"E	43.66'

Curve Table:

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	36.23'	135.00'	15°22'41"	N71°45'09"W	36.13'
C2	44.29'	165.00'	15°22'41"	S71°45'09"E	44.15'
C3	39.27'	25.00'	90°00'00"	S19°03'49"E	35.36'
C4	39.27'	25.00'	90°00'00"	S70°56'11"W	35.36'
C5	37.13'	25.00'	85°05'16"	S73°38'34"W	33.81'
C6	37.01'	175.00'	12°07'04"	S37°09'29"W	36.94'
C7	15.67'	175.00'	5°07'49"	S40°39'06"W	15.66'
C8	26.81'	185.00'	8°18'07"	S30°05'15"W	26.78'
C9	54.98'	35.00'	90°00'00"	S19°03'49"E	49.50'
C10	54.98'	35.00'	90°00'00"	N70°56'11"E	49.50'
C11	16.61'	215.00'	4°23'31"	N28°08'57"E	16.60'
C12	22.81'	225.00'	5°48'27"	N40°18'47"E	22.80'
C13	15.64'	125.00'	7°10'09"	N39°37'56"E	15.63'
C14	43.57'	25.00'	99°51'40"	N13°52'58"W	38.26'



- Abutters**
- 238-16.21
BVP Homeowners Association
c/o Correy Piper
26 Village Place Drive
Barrington, NH 03825
 - 238/33 & 34
Gaudiello Family Revocable Trust of 2015
528 Franklin Pierce Highway
Barrington, NH 03825
SCRD 4311-926
 - 238/35 & 35-1
Richard & Victoria H. Spicole
528 Franklin Pierce Highway
Barrington, NH 03825
SCRD 2889-535
 - 238/36.2
Waldron B. Haley Living Revocable Trust of 1998
14 Shakespeare Road
Nashua, NH 03062-2431
 - 238/37
Lawrence G. Haley
2908 French Place
Austin, TX 78722
SCRD 2536-698
 - 238/38
574 Franklin Pierce Highway LLC
574 Franklin Pierce Highway
Barrington, NH 03825
SCRD 4528-469
 - 238/41
Max Winkler
559 Calef Highway
Barrington, NH 03825
SCRD 3870-283
 - 238/42
A. William & Jules D'Antillo
PO Box 474
Barrington, NH 03825
SCRD 3129-837
 - 238/44
Virtuous Realty Inc.
607 Calef Highway #200
Barrington, NH 03825
SCRD 2948-332



Roadway & Easement Details
1"=100'

Franklin Pierce Highway

238/44

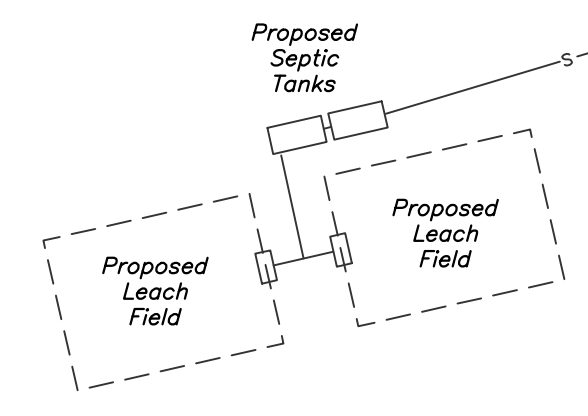
Existing Building

Edge of Pavement

M49°25'15"W
507.38'

238/42

N13°08'52"E
527.66'



Lot 36
918,807 s.f.
21.09 Acres
Contiguous Uplands
885,420± s.f.

Match Line Sheet 1

1297.72'
S25°37'59"W

238/33

CONDOMINIUM SITE PLAN
PREPARED FOR
THE CROSSING AT VILLAGE CENTER
OF PROPERTY IN THE NAME OF
WALDRON B. HALEY REVOCABLE LIVING TRUST OF 1998
OF
TAX MAP 238 / LOT 36
LOCATED AT
FRANKLIN PIERCE HIGHWAY (NH ROUTE 9)
COUNTY OF STRAFFORD
BARRINGTON, NH

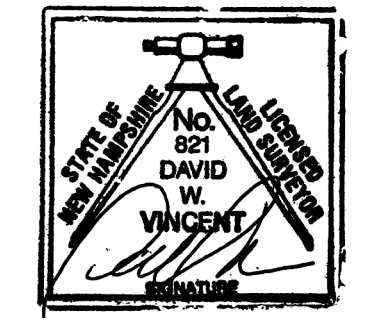


SCALE: 1"= 50' DATE: SEPTEMBER 4, 2020

DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
PO BOX 1622
DOVER, NH 03821
TEL/FAX (603) 664-5786
www.landsurveyingservices.net

NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1	12/4/20	revs. per PB comments	dvv

This plan is a condominium instrument under RSA Chapter 356-B and is not a subdivision of land.
I certify that this survey plat is not a subdivision pursuant to this title and that the lines of streets and ways shown are those of public or private streets or ways already established and that no new ways are shown.
I certify: A.) That this site plan depicts the proposed location and dimensions of the improvements shown hereon, specifically units 1 through 80.
B.) That said units are not yet begun construction; and
C.) That this plan is accurate and complies with the provisions of RSA 356-B:20(f) for site plans.



David W. Vincent, LLS No. 821 Date 4 Dec. 2020

- Legend:**
- C2 See Curve Table
 - L1 See Length Table
 - SCRD Stafford County Registry of Deeds
 - Iron Pipe Found
 - Iron Rod Found
 - ⊗ Steel Stake Found
 - ⊕ Granite Bound Found
 - ⊙ Utility Pole
 - ▭ Building Setback
 - ▭ Jurisdictional Wetlands
 - ▭ Culvert
 - ▭ Stone Wall

Access Easement Line Table

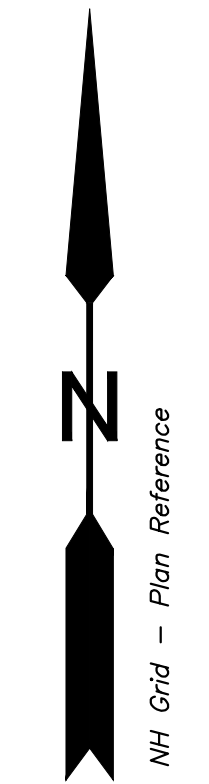
LINE	BEARING	DISTANCE
L1	N04°06'02"E	76.39'
L2	N79°43'47"E	18.91'
L3	S18°32'35"E	163.61'
L4	N86°26'23"W	134.27'

Access Easement Curve Table

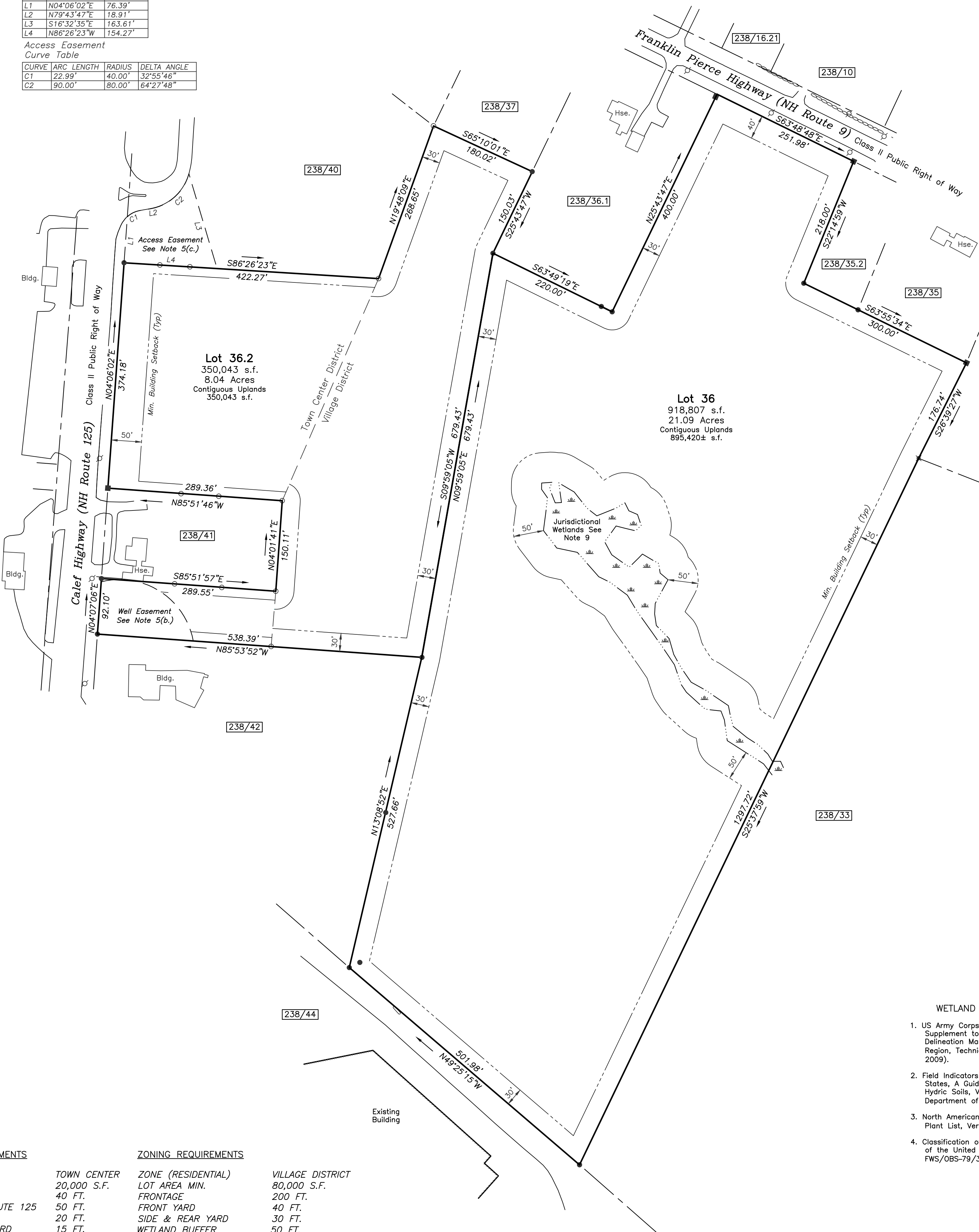
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE
C1	22.99'	40.00'	32°55'46"
C2	90.00'	80.00'	64°27'48"

Reference:
 *Lot Line Adjustment for Alan D. Haley & Waldron B. Haley Living Revocable Trust of 1998, Barrington, NH, dated February 2020, revised 03-19-20, prepared by Norway Plains Associates Inc., SCRD Plan #12137.

For Registry of Deeds Purposes



- Abutters**
- 238-16.21 BVP Homeowners Association c/o Correy Piper 26 Village Place Drive Barrington, NH 03825
 - 238/33 & 34 Gaudella Family Revocable Trust of 2015 528 Franklin Pierce Highway Barrington, NH 03825 SCRD 4311-926
 - 238/35 & 35-1 Richard & Victoria H. Spinale 528 Franklin Pierce Highway Barrington, NH 03825 SCRD 2989-535
 - 238/36-1 Alan D. Haley 1011 Andover Road Baltimore, MD 212218 SCRD 4693-558
 - 238/37 Lawrence G. Haley 2908 French Place Austin, TX 78722 SCRD 2536-698
 - 238/38 574 Franklin Pierce Highway LLC 574 Franklin Pierce Highway Barrington, NH 03825 SCRD 4528-469
 - 238/40 Irving Oil Properties NH Corp PO Box 868 Calais, ME 04619 SCRD 3701-566
 - 238/41 Max Winkler 559 Calef Highway Barrington, NH 03825 SCRD 3870-283
 - 238/42 A. William & Jules D'Antilio PO Box 474 Barrington, NH 03825 SCRD 3129-837
 - 238/44 Virtuuous Realty Inc. 607 Calef Highway #200 Barrington, NH 03825 SCRD 2948-332
 - 238/47 Lewis Palosky 49 Ceres Street Portsmouth, NH 03801
 - 238/48 Philip A. & Christine L. Amussen 538 Calef Highway Barrington, NH 03825 SCRD 3612-324
 - 239/7 Town Center Properties LLC PO Box 727 Dover, NH 03821

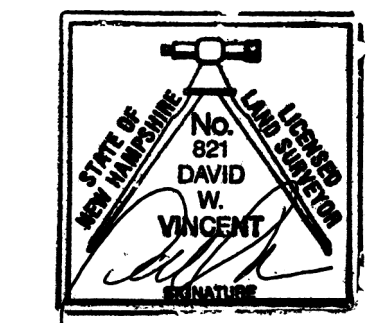


- Notes:**
- 1.) This plan does not represent a determination of title and the purpose of this plan is to subdivide the subject parcel into two parcels utilizing the boundary information depicted on the plan reference. Each lot is served by individual septic system and private well.
 - 2.) Plan Error of Closure Better Than 1:15,000.
 - 3.) Parcel is shown as Lot 36.1 on the Town of Barrington Assessor's Map 238.
 - 4.) Parcel is located in the Town Center District, Village District & Wetlands Protection District Overlay (50' from edge of jurisdictional wetlands).
 - 5.) Owner of Record: Waldron B. Haley Living Revocable Trust of 1998 14 Shakespeare Road Nashua, NH 03062-2431 SCRD Bk 2068, Pg 247
 - a.) Parcel is subject to the terms and restrictions to the State of New Hampshire as described in SCRD Bk 850, Pg 497.
 - b.) Parcel is subject to a Protective Well Radius as described in SCRD Bk 1903, Pg 516.
 - c.) Parcel has the benefit of an access easement as described in SCRD Bk 4449, Pg 335.
 - 6.) This plan does not show any unrecorded or unwritten easements which may exist. A reasonable and diligent attempt has been made to observe any apparent, visible uses of the land; however this does not constitute that no such easements exist.
 - 7.) Parcel is not located in a Flood Hazard Zone as depicted on Flood Insurance Rate Map, No. 33017C0305E, Strafford County, NH, (All Jurisdictions), Effective Date: May 17, 2005.
 - 8.) Existing Lot Area: 29.13 Acres
Proposed Lot 36: 21.09 Acres
Proposed Lot 36.2: 8.04 Acres
 - 9.) The wetland areas shown hereon were field delineated by Gove Environmental Services, Inc., of 8 Continental Drive, Building #2, Unit H, Exeter, NH.
 - 10.) NHDOT Driveway Permit: Pending.
 - 11.) Required erosion control measures shall be installed prior to disturbance of the sites surface and shall be maintained throughout the completion of all construction, if it becomes apparent that additional erosion control measures are required to stop any erosion on the construction site due to actual conditions, the owner shall be required to install the necessary erosion protection at no expense to the Town.

TOWN OF BARRINGTON PLANNING BOARD APPROVAL

ZONING REQUIREMENTS	TOWN CENTER	ZONE (RESIDENTIAL)	VILLAGE DISTRICT
LOT AREA MIN.	20,000 S.F.	LOT AREA MIN.	80,000 S.F.
FRONTAGE	40 FT.	FRONTAGE	200 FT.
FRONT YARD ROUTE 125	50 FT.	FRONT YARD	40 FT.
FRONT YARD	20 FT.	SIDE & REAR YARD	30 FT.
SIDE & REAR YARD	15 FT.	WETLAND BUFFER	50 FT.
WETLAND BUFFER	50 FT.	MAX. BUILDING HEIGHT	35 FT.
MAX. BUILDING HEIGHT	40 FT.	MAX. BUILDING STORIES	2.5
MAX. BUILDING STORIES	3	MAX. LOT COVERAGE	40%
MAX. LOT COVERAGE	80%		

- WETLAND SCIENTIST CERTIFICATION**
1. US Army Corps of Engineers Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Technical Report ERDC/EL TR-09-19 (Oct 2009).
 2. Field Indicators of Hydric Soils in the United States, A Guide for Identifying and Delineating Hydric Soils, Version 7.0, United States Department of Agriculture (2010).
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 4. Classification of Wetlands and Deepwater Habitats of the United States. USFWS Manual FWS/OBS-79/31 (1979).



MINOR SUBDIVISION PLAN
 PREPARED FOR
J & L TERRA HOLDINGS INC.
 OF PROPERTY IN THE NAME OF
WALDRON B. HALEY REVOCABLE LIVING TRUST OF 1998
 OF
TAX MAP 238 / LOT 36
 LOCATED AT
CALEF HIGHWAY (NH ROUTE 125) & FRANKLIN PIERCE HIGHWAY (NH ROUTE 9)
COUNTY OF STRAFFORD BARRINGTON, NH



SCALE: 1" = 100' DATE: SEPTEMBER 3, 2020

DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
 PO BOX 1622
 DOVER, NH 03821
 TEL/FAX (603) 664-5786
 www.landsurveyingservices.net

NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1			

Waldron B. Haley _____ Date _____

- Legend:**
- C2 See Curve Table
 - L1 See Length Table
 - SCRD Stafford County Registry of Deeds
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 - Iron Rod Found
 - ⊗ Steel Stake Found
 - ⊠ Granite Bound Found
 - ⊕ Utility Pole
 - ▬ Building Setback
 - ▬ Jurisdictional Wetlands
 - ▬ Culvert
 - ▬ Stone Wall

Access Easement Line Table

LINE	BEARING	DISTANCE
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L2	N79°43'47"E	18.91'
L3	S18°32'35"E	163.61'
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574 Franklin Pierce Highway LLC
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Barrington, NH 03825
SCRD 4528-469
 - 238/40
Irving Oil Properties NH Corp
PO Box 868
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 - 238/41
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 - 238/48
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Barrington, NH 03825
SCRD 3612-324
 - 239/7
Town Center Properties LLC
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Dover, NH 03821

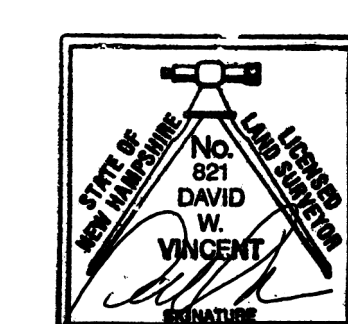
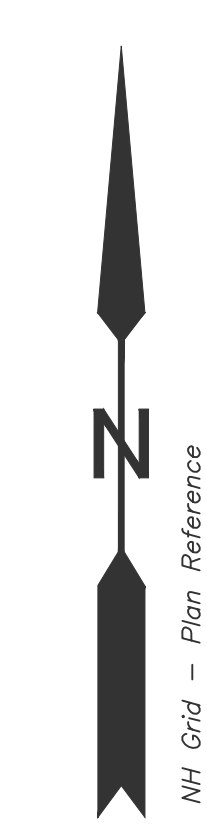
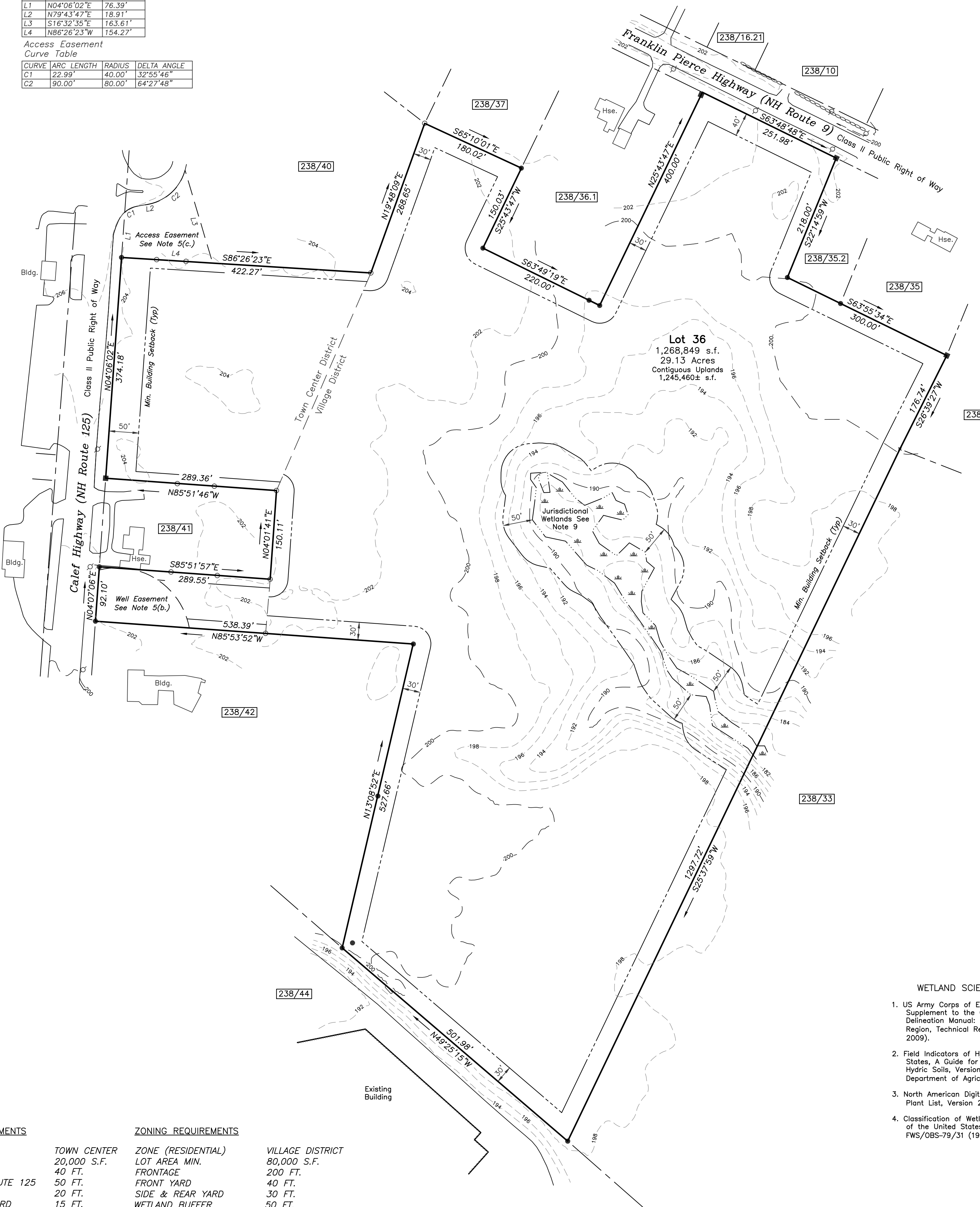
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FRONT YARD ROUTE 125	50 FT.	FRONT YARD	40 FT.
FRONT YARD	20 FT.	SIDE & REAR YARD	30 FT.
SIDE & REAR YARD	15 FT.	WETLAND BUFFER	50 FT.
WETLAND BUFFER	50 FT.	MAX. BUILDING HEIGHT	35 FT.
MAX. BUILDING HEIGHT	40 FT.	MAX. BUILDING STORIES	2.5
MAX. BUILDING STORIES	3	MAX. LOT COVERAGE	40%
MAX. LOT COVERAGE	80%		

**TOWN OF BARRINGTON
PLANNING BOARD APPROVAL**

The subdivision regulations of the Town of Barrington are part of this plan and approval of this plan is contingent upon completion of said requirements of said subdivision regulations, excepting only modifications made in writing by the boards and attached hereto.

Reference:
*Lot Line Adjustment for Alan D. Haley & Waldron B. Haley Living Revocable Trust of 1998, Barrington, NH, dated February 2020, revised 03-19-20, prepared by Norway Plains Associates Inc., SCRD Plan #12137.

- Notes:**
- 1.) This plan does not represent a determination of title and the purpose of this plan is to subdivide the subject parcel into two parcels utilizing the boundary information depicted on the plan reference. Each lot is served by individual septic system and private well.
 - 2.) Plan Error of Closure Better Than 1:15,000.
 - 3.) Parcel is shown as Lot 36.1 on the Town of Barrington Assessor's Map 238.
 - 4.) Parcel is located in the Town Center District, Village District & Wetlands Protection District Overlay (50' from edge of jurisdictional wetlands).
 - 5.) Owner of Record: Waldron B. Haley Living Revocable Trust of 1998
14 Shakespeare Road
Nashua, NH 03062-2431
SCRD Bk 2068, Pg 247
 - a.) Parcel is subject to the terms and restrictions to the State of New Hampshire as described in SCRD Bk 850, Pg 497.
 - b.) Parcel is subject to a Protective Well Radius as described in SCRD Bk 1903, Pg 516.
 - c.) Parcel has the benefit of an access easement as described in SCRD Bk 4449, Pg 335.
 - 6.) This plan does not show any unrecorded or unwritten easements which may exist. A reasonable and diligent attempt has been made to observe any apparent, visible uses of the land; however this does not constitute that no such easements exist.
 - 7.) Parcel is not located in a Flood Hazard Zone as depicted on Flood Insurance Rate Map, No. 33017C0305E, Strafford County, NH, (All Jurisdictions), Effective Date: May 17, 2005.
 - 8.) Existing Lot Area: 29.13 Acres
 - 9.) The wetland areas shown hereon were field delineated by Gove Environmental Services, Inc., of 8 Continental Drive, Building #2, Unit H, Exeter, NH.
 - 10.) Vertical & Horizontal datum is based upon the plan reference.



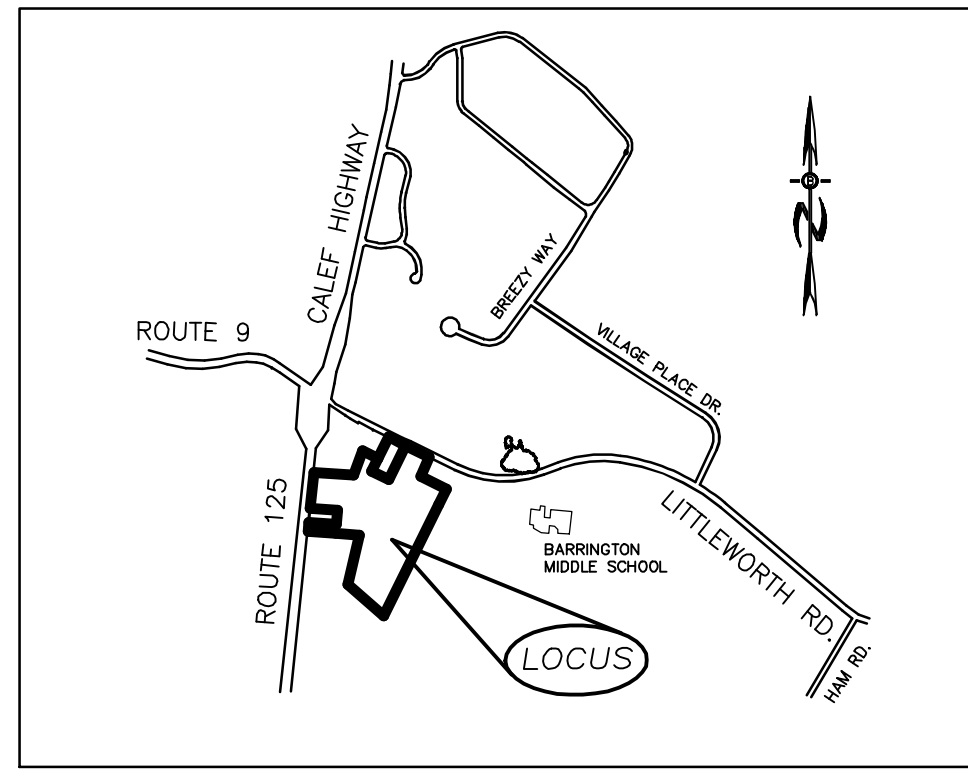
- WETLAND SCIENTIST CERTIFICATION**
1. US Army Corps of Engineers Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Technical Report ERDC/EL TR-09-19 (Oct 2009).
 2. Field Indicators of Hydric Soils in the United States, A Guide for Identifying and Delineating Hydric Soils, Version 7.0, United States Department of Agriculture (2010).
 3. North American Digital Flora: National Wetland Plant List, Version 2.2.1 (2009).
 4. Classification of Wetlands and Deepwater Habitats of the United States. USFW Manual FWS/OBS-79/31 (1979).



SCALE: 1" = 100' DATE: SEPTEMBER 3, 2020

DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
PO BOX 1622
DOVER, NH 03821
TEL/FAX (603) 664-5786
www.landsurveyingservices.net

NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1			



LOCATION MAP
1"=2000'

ZONING REQUIREMENTS

ZONE: VILLAGE DISTRICT (VD)
 MIN. FRONTAGE = 200'
 MIN. LOT SIZE = 20,000 SF
 MIN. WIDTH = 75' @ FRONT SETBACK
 MIN. PERIMETER BUFFER = 100'
 MAX. HEIGHT = 35'

BUILDING SETBACKS:

FRONT 40'
 SIDE & REAR 30'
 WETLANDS 50'

LEACH FIELD SETBACKS

POORLY DRAINED SOILS 50'
 VERY POORLY DRAINED SOILS 75'

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.

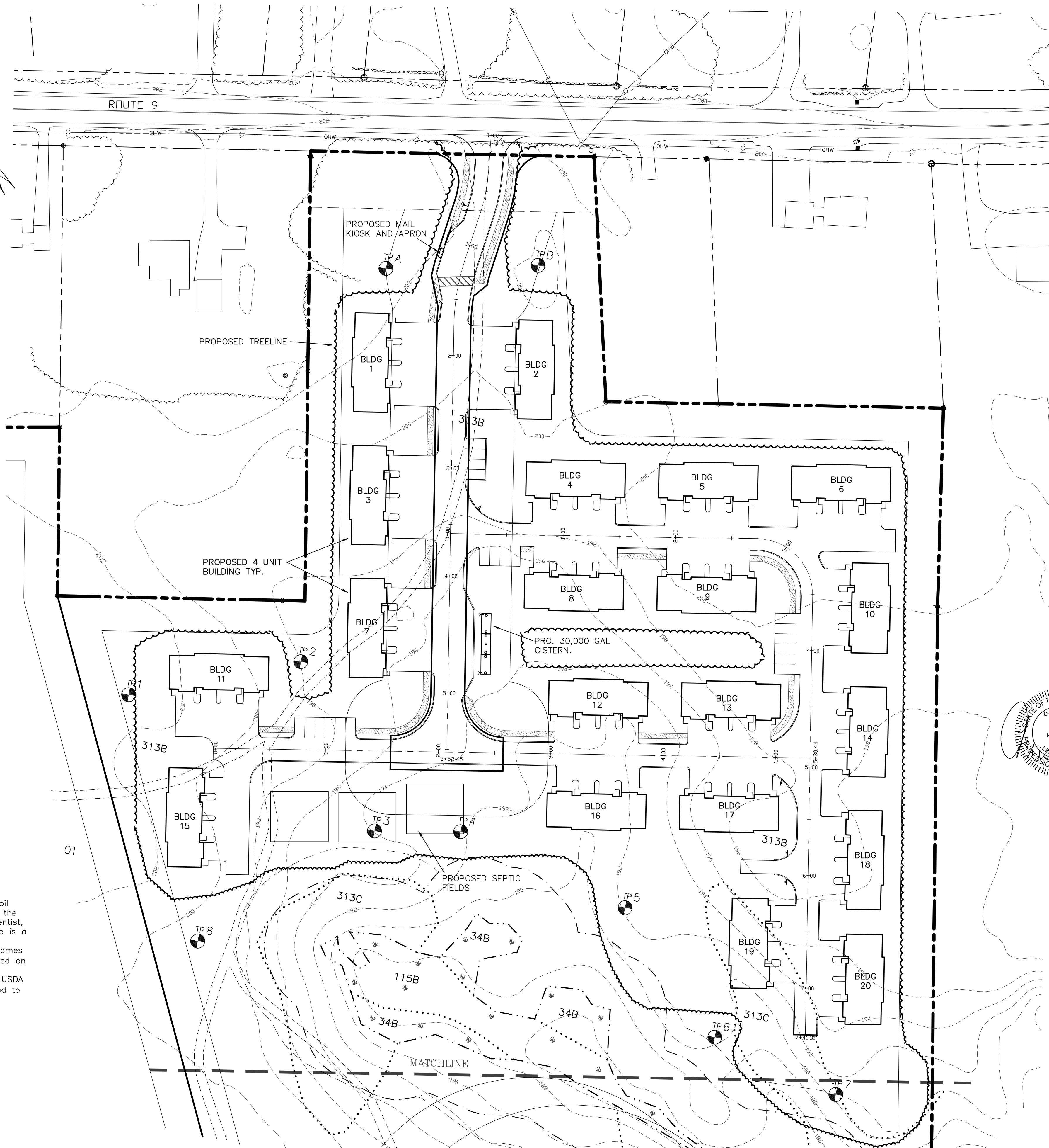
REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION 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.

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 21 May 2020, and was prepared by James P. Gove, CSS # 004, Gove Environmental Services, Inc. The survey area is located on Rtes 9 and 125 in Barrington, NH.
 Soils were identified with the New Hampshire State-wide Numerical Soils Legend, USDA NRCS, Durham, NH, Issue # 10, January 2011. The numeric legend was amended to identify the correct soil components of the complex Hydrologic Soil Group from Ksat Values for New Hampshire Soils, Society of Soil Scientists of New England, Special Publication No. 5, September, 2009.

SSSM SYM.	SSS MAP NAME	HISS SYM.	HYDROLOGIC SOIL GRP.
26	Windsor loamy sand	111	A
34	Wareham fine sandy loam	511	C
115	Scarboro muck	611	D
313	Deerfield loamy sand	311	B

SLOPE PHASE:
 0-8%=B, 8-15%=C, 15-25%=D, 25%+=E



PREPARED FOR:

J&L TERRA HOLDINGS, INC.
 79 EXETER ROAD
 N. HAMPTON, N.H. 03862

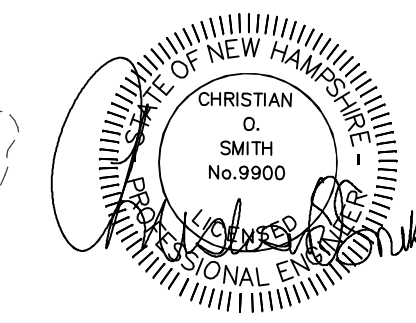
BEALS ASSOCIATES PLLC

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 48B:A-17 IS REQUIRED.

BARRINGTON ORDINANCE NET DENSITY
 LOT AREA 918807 SF or 21.1 ACRES
 - 80,000 SF 1ST UNIT = 838807 SF
 838807 / 10,000/UNIT = 83.9
 TOTAL UNIT COUNT = 84.9



APPROVAL BLOCK

APPROVED TOWN OF BARRINGTON PLANNING BOARD

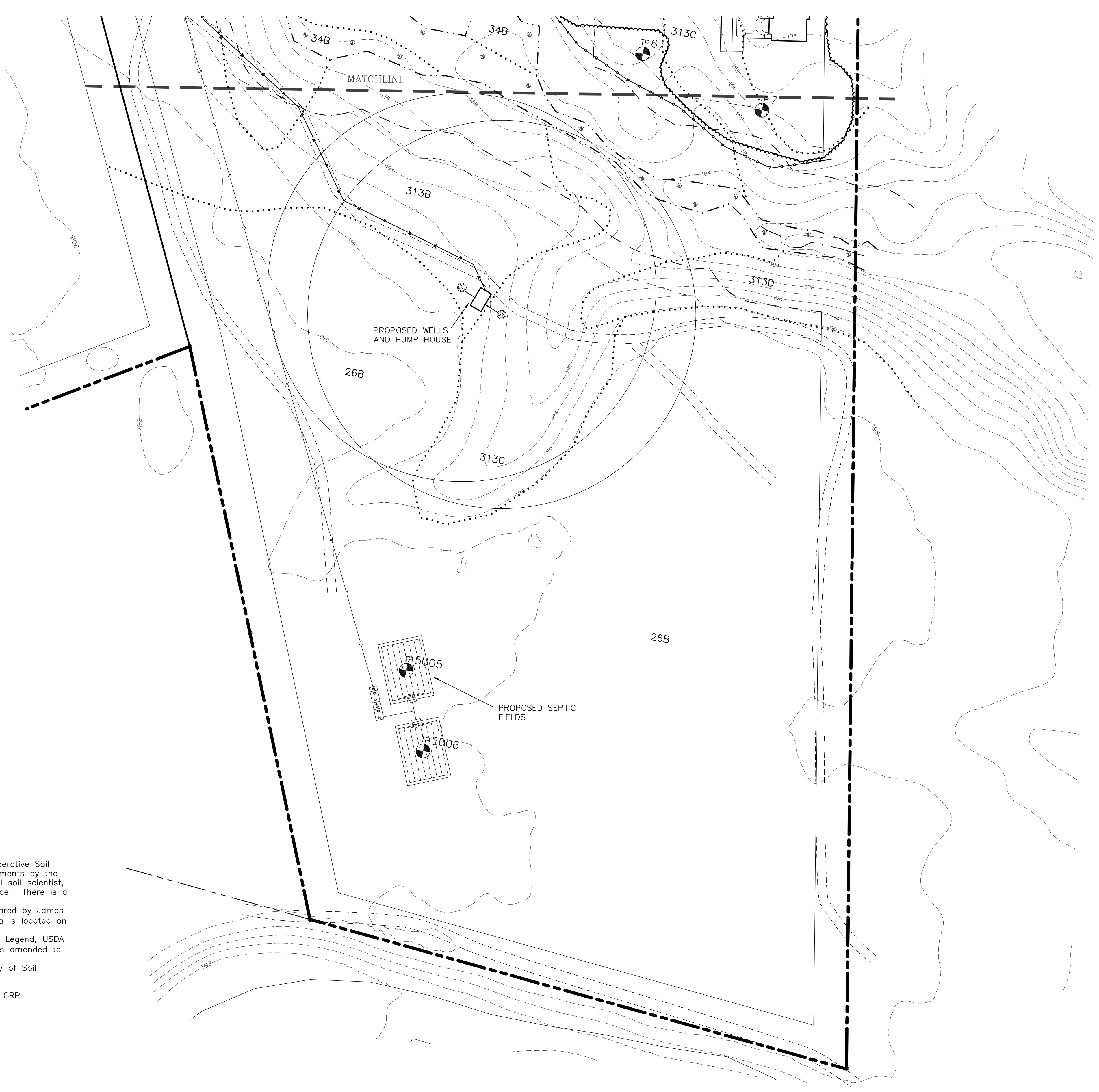
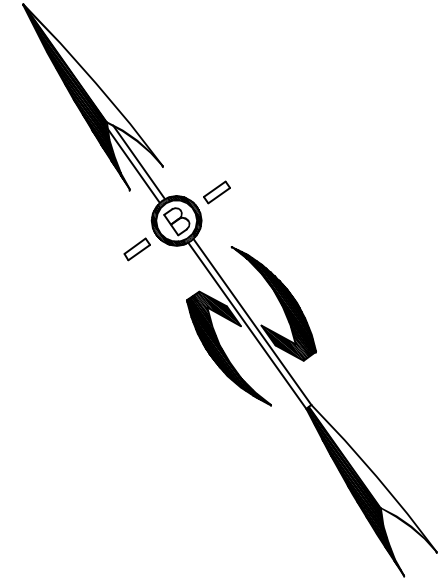
CHAIRPERSON _____ DATE _____

REVISED PER PB COMMENTS	11-24-20
REVISIONS:	DATE:

SUBDIVISION SITE PLANS

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 ROUTE 9
 BARRINGTON, NH

DATE:	JULY 2020	SCALE:	1"=50'
PROJ. NO.:	NH-1263	SHT. NO.:	5 OF 15



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.

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Hydrologic Soil Group from Ksat Values for New Hampshire Soils, Society of Soil Scientists of New England, Special Publication No. 5, September, 2009.

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115	Scarboro muck	611	D
313	Deerfield loamy sand	311	B

SLOPE PHASE:
 0-8%=B, 8-15%=C, 15-25%=D, 25%+=E

PREPARED FOR:

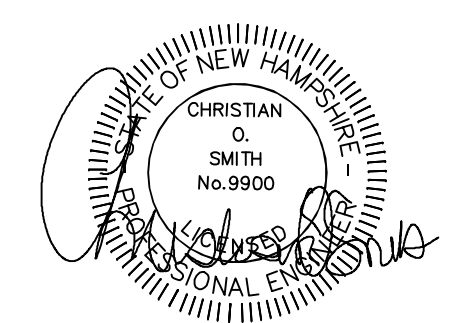
J&L TERRA HOLDINGS, INC.
 79 EXETER ROAD
 N. HAMPTON, N.H. 03862

BEALS ASSOCIATES PLLC

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

NOTES

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3. ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
4. ALL ROAD AND DRAINAGE WORK TO CONFORM TO TOWN OF BARRINGTON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
5. ALL PROPOSED SIGNS SHALL CONFORM TO THE TOWN OF BARRINGTON ZONING REGULATIONS.
6. PROJECT IS BASED ON USGS DATUM NAVD 1988, REFERENCE BENCHMARK.
7. 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.
8. SEE DETAIL SHEET FOR STANDARD CONSTRUCTION NOTES AND DETAILS.
9. DISTURBANCE OVER 100,000 SQ. FT. ALTERATION OF TERRIAN PERMIT RSA 485:A-17 REQUIRED.



APPROVAL BLOCK

APPROVED TOWN OF BARRINGTON PLANNING BOARD

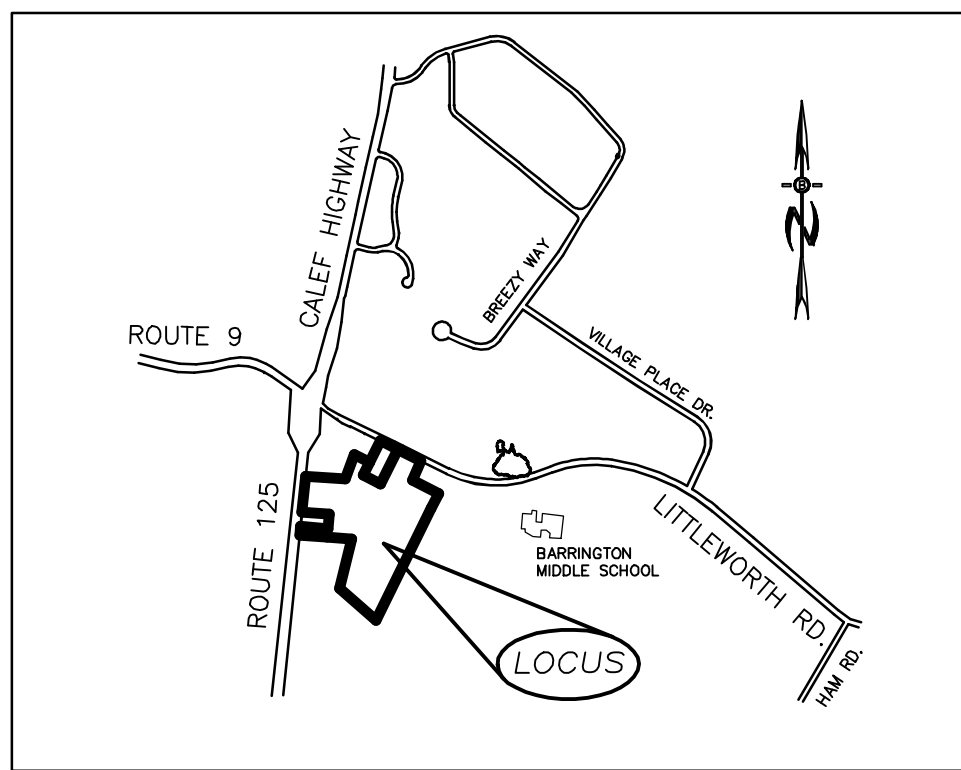
CHAIRPERSON _____ DATE _____

REVISIONS:	DATE:

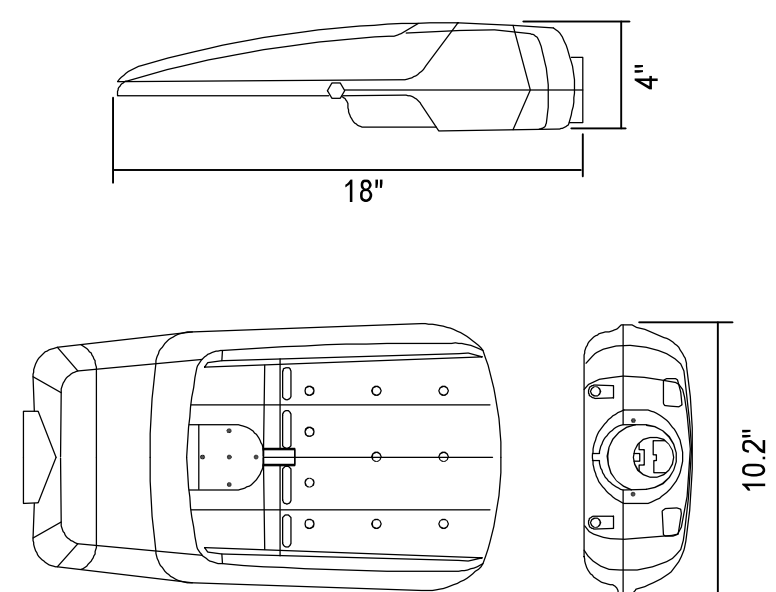
SUBDIVISION SITE PLANS

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 ROUTE 9
 BARRINGTON, NH

DATE:	AUG. 2020	SCALE:	1"=50'
PROJ. NO:	NH-1263	SHEET NO.	6 OF 15



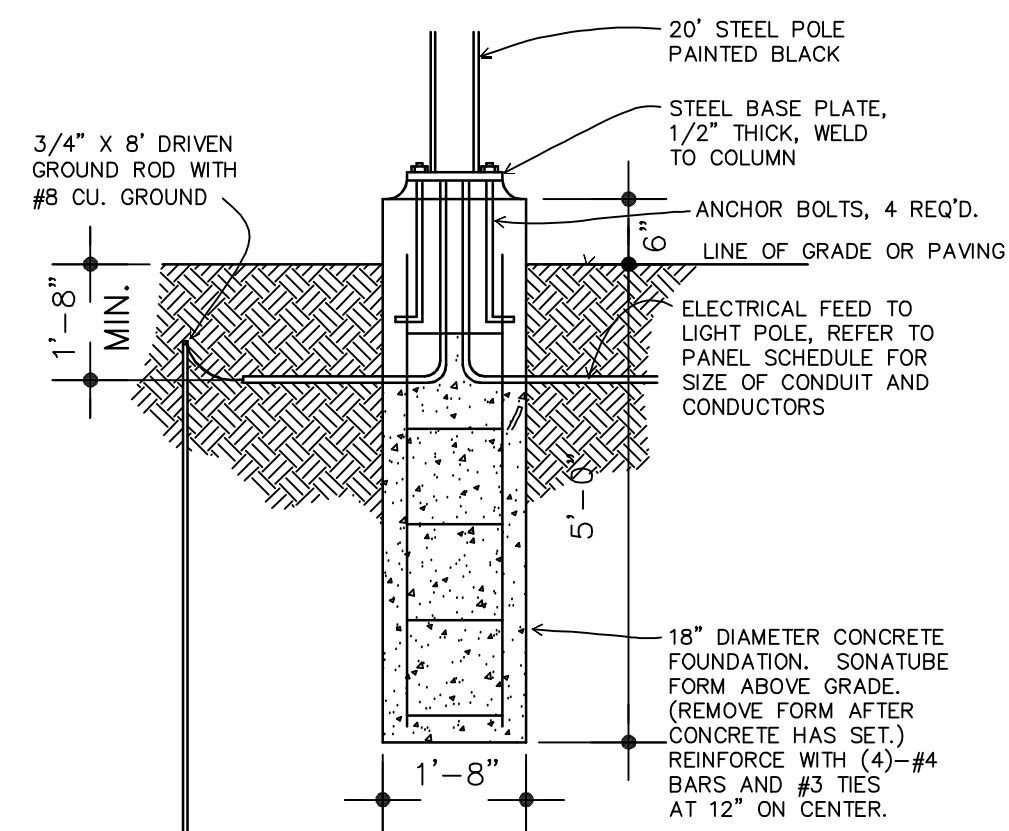
LOCATION MAP
1" = 2000'



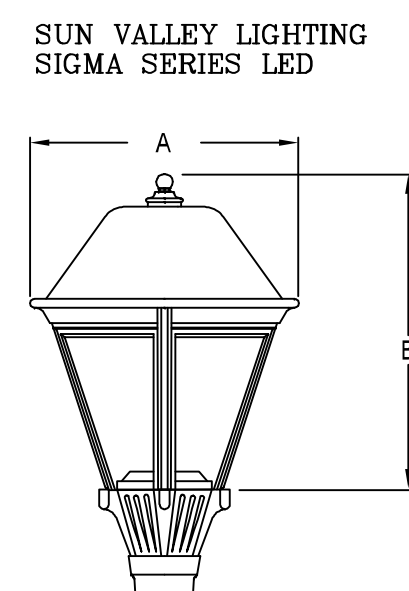
AFFINITY LIGHTING
S800 SERIES ROADWAY LUMINAIRE

INTERSECTION STREET LIGHT DETAIL

NOTES:
ALL PROPOSED LIGHTING TO BE DOWN CAST.
STREET LIGHTS SHALL BE BLACK LIGHT HEADS WITH METAL POLES (SEE POLE DETAIL ABOVE).

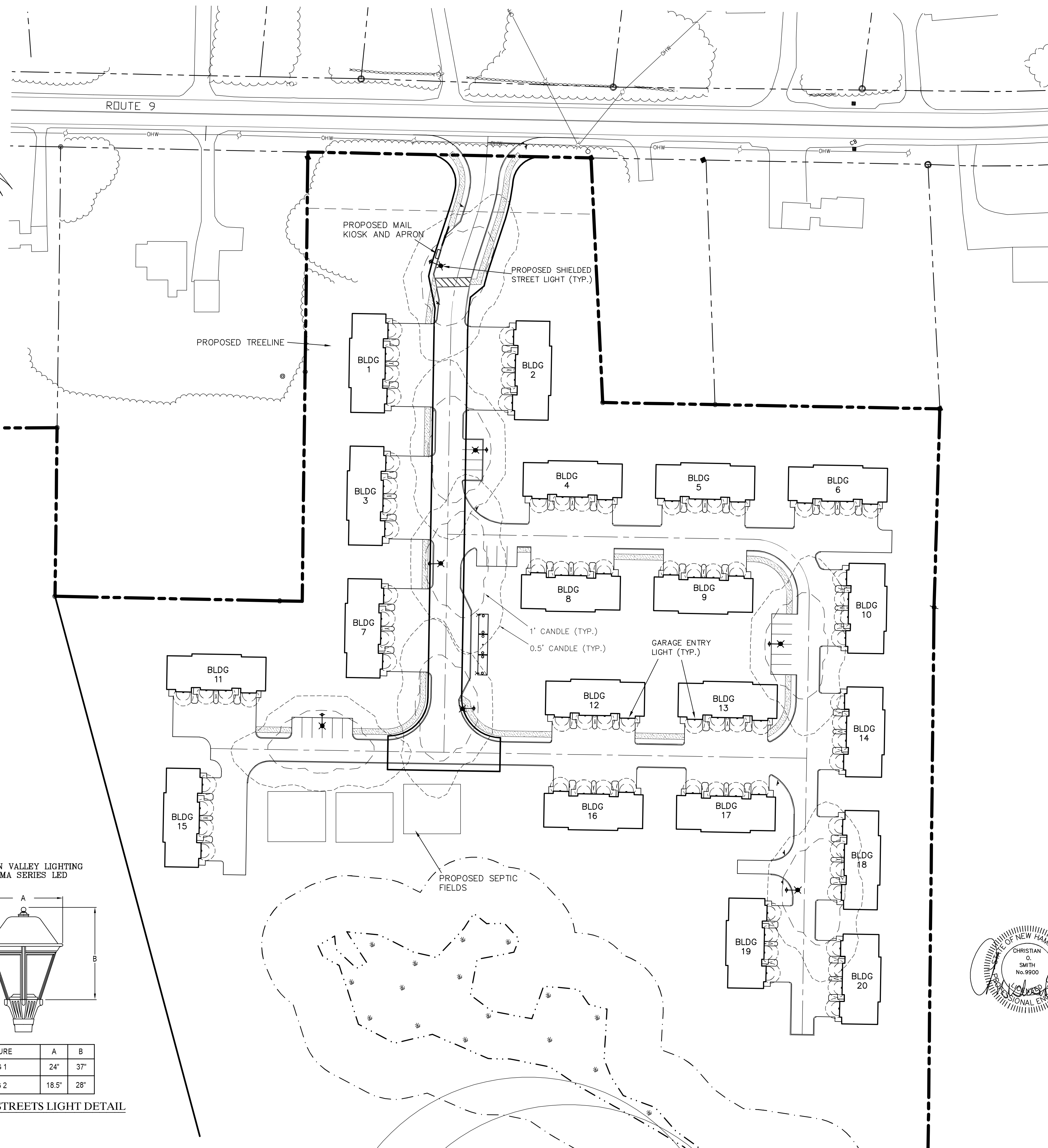


POLE FOUNDATION
LIGHT BASE DETAIL
SCALE: NONE



FIXTURE	A	B
SIG 1	24"	37"
SIG 2	18.5"	28"

INTERIOR STREETS LIGHT DETAIL



PREPARED FOR:

J&L TERRA HOLDINGS, INC.
79 EXETER ROAD
N. HAMPTON, N.H. 03862

BEALS ASSOCIATES PLLC

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

ZONING REQUIREMENTS

ZONE: VILLAGE DISTRICT (VD)
MIN. FRONTAGE = 200'
MIN. LOT SIZE = 20,000 SF
MIN. WIDTH = 75' @ FRONT SETBACK
MIN. PERIMETER BUFFER = 100'
MAX. HEIGHT = 35'

BUILDING SETBACKS:

FRONT 40'
SIDE & REAR 30'
WETLANDS 50'

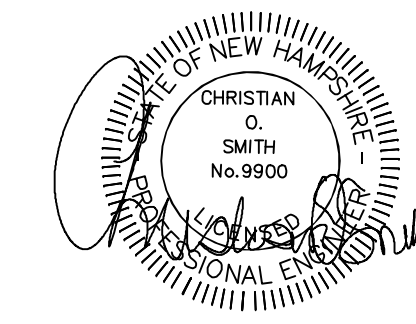
LEACH FIELD SETBACKS:

POORLY DRAINED SOILS 50'
VERY POORLY DRAINED SOILS 75'

APPROVAL BLOCK

APPROVED TOWN OF BARRINGTON PLANNING BOARD

CHAIRPERSON _____ DATE _____

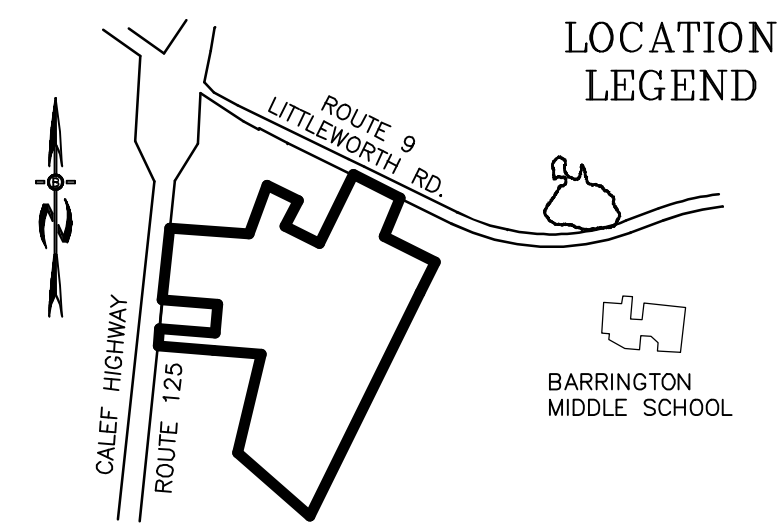


REVISED PER PB COMMENTS	11-24-20
REVISIONS:	DATE:

LIGHTING PLAN

PLAN FOR:
RESIDENTIAL DEVELOPMENT
ROUTE 9
BARRINGTON, NH

DATE: SEPT., 2020	SCALE: 1" = 50'
PROJ. NO: NH-1263	SHT. NO. 7 OF 15



NOTES

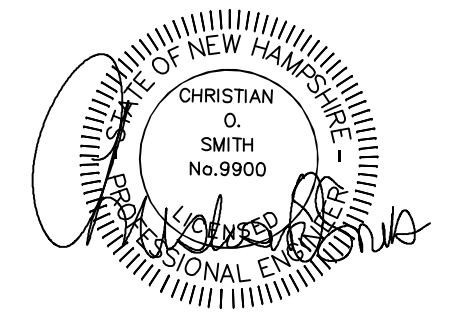
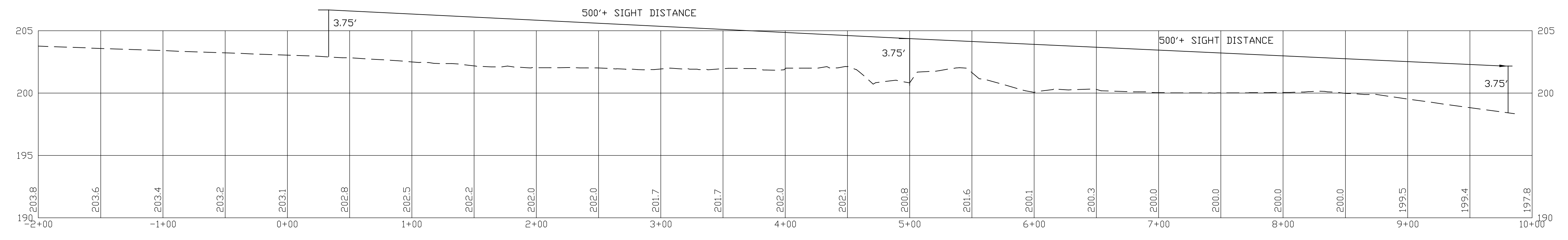
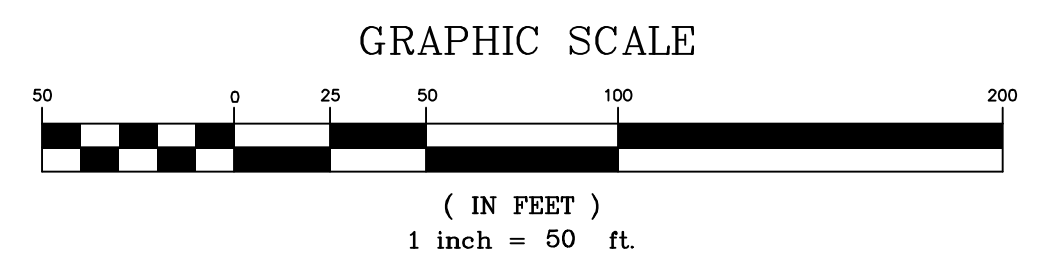
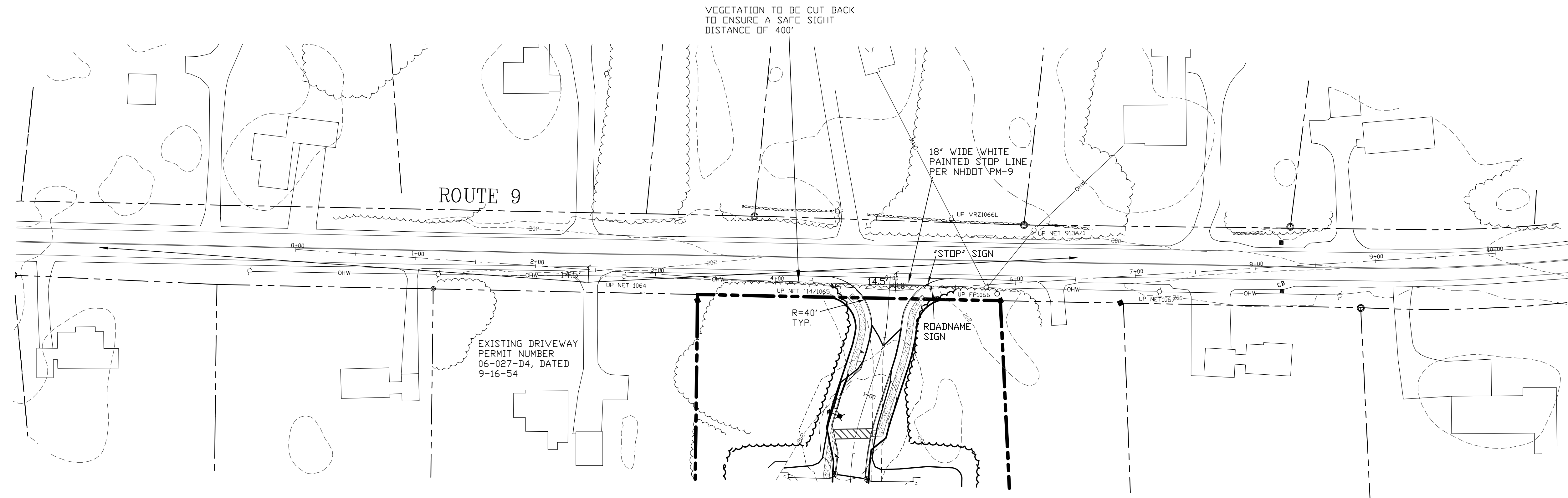
1. ALL ELECTRICAL, TELEPHONE, CABLE TELEVISION AND ALARM LINES TO BE UNDERGROUND. THE SIZE AND LOCATION IS TO BE PLACED OUTSIDE OF THE RIGHT-OF-WAY AS PER TOWN OF BRENTWOOD TYP. ROADWAY SECTION ADDENDUM A SUBDIVISION REGULATIONS, WITH REVIEW AND APPROVAL BY THE TOWN OF BRENTWOOD TOWN ENGINEER. LOW PROFILE UTILITY BOX STRUCTURES SHALL BE USED TO THE GREATEST EXTENT.
2. ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR, ENGINEER TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY.
3. ALL CONSTRUCTION METHODS AND MATERIALS WILL CONFORM TO THE TOWN OF BARRINGTON STANDARD SPECIFICATIONS AND TO N.H.D.O.T. STANDARDS AND REGULATIONS.

PREPARED FOR:

J&L TERRA HOLDINGS, INC.
79 EXETER ROAD
N. HAMPTON, N.H. 03862

BEALS ASSOCIATES PLLC

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



HIGHWAY ACCESS PLAN-H1

PLAN FOR:
RESIDENTIAL DEVELOPMENT
ROUTE 9
BARRINGTON, NH

PROFILE SCALES:
HORIZONTAL: 1"=50' VERTICAL: 1"=5'

REVISED PER NHDOT COMMENTS	11-24-20
REVISIONS:	DATE:

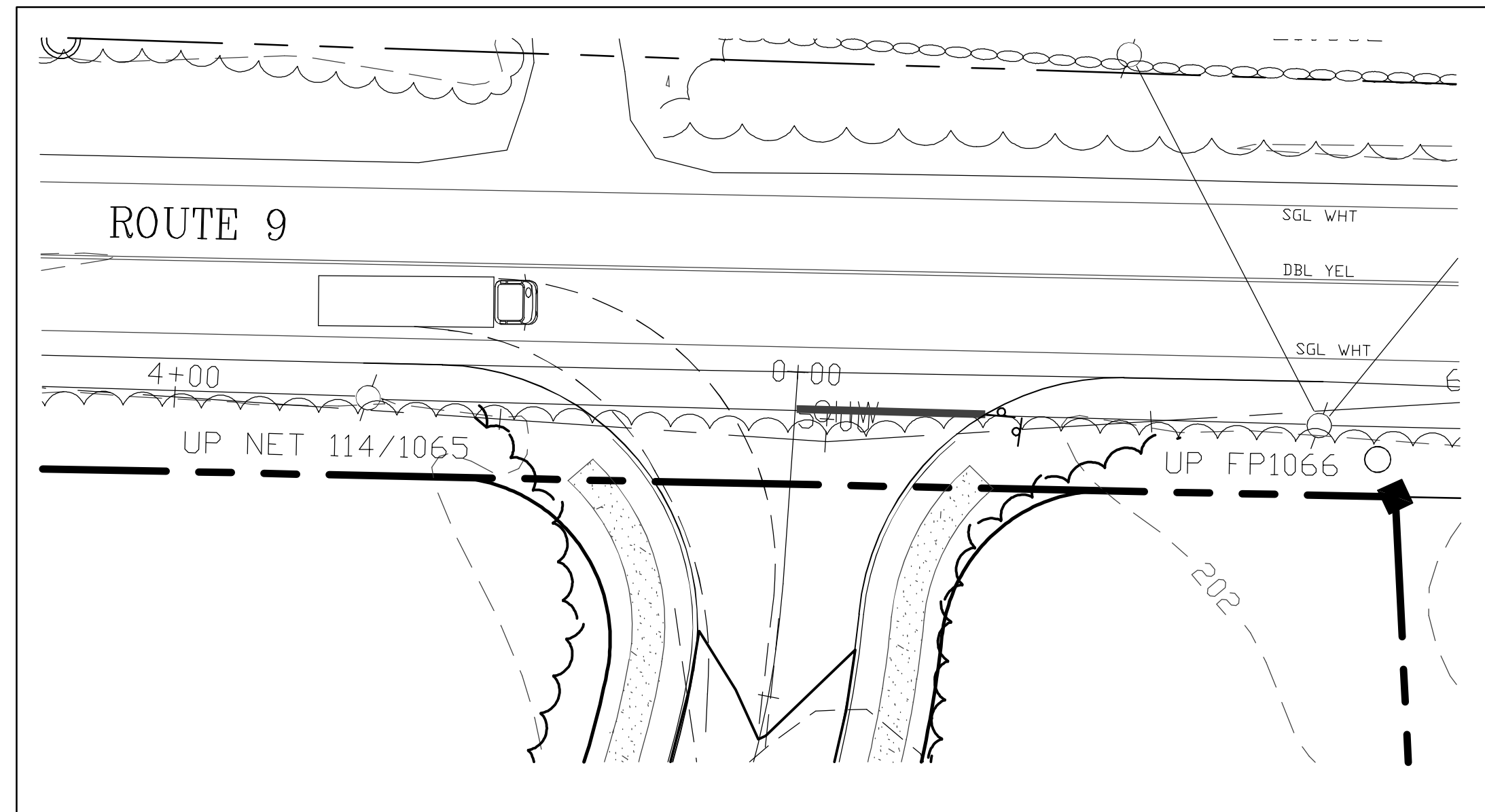
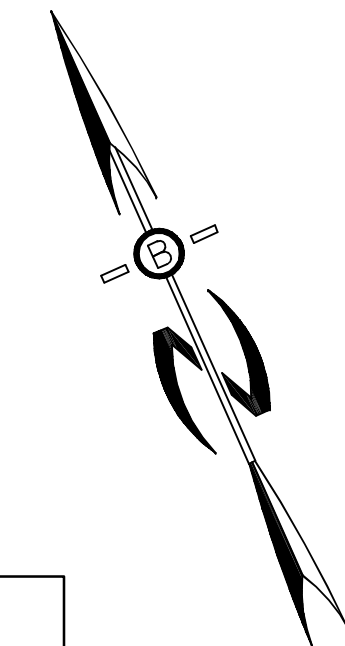
DATE:	JULY 2020	SCALE:	1" = 50'
PROJ. NO.:	NH-1263	SHEET NO.:	8 OF 15

PREPARED FOR:

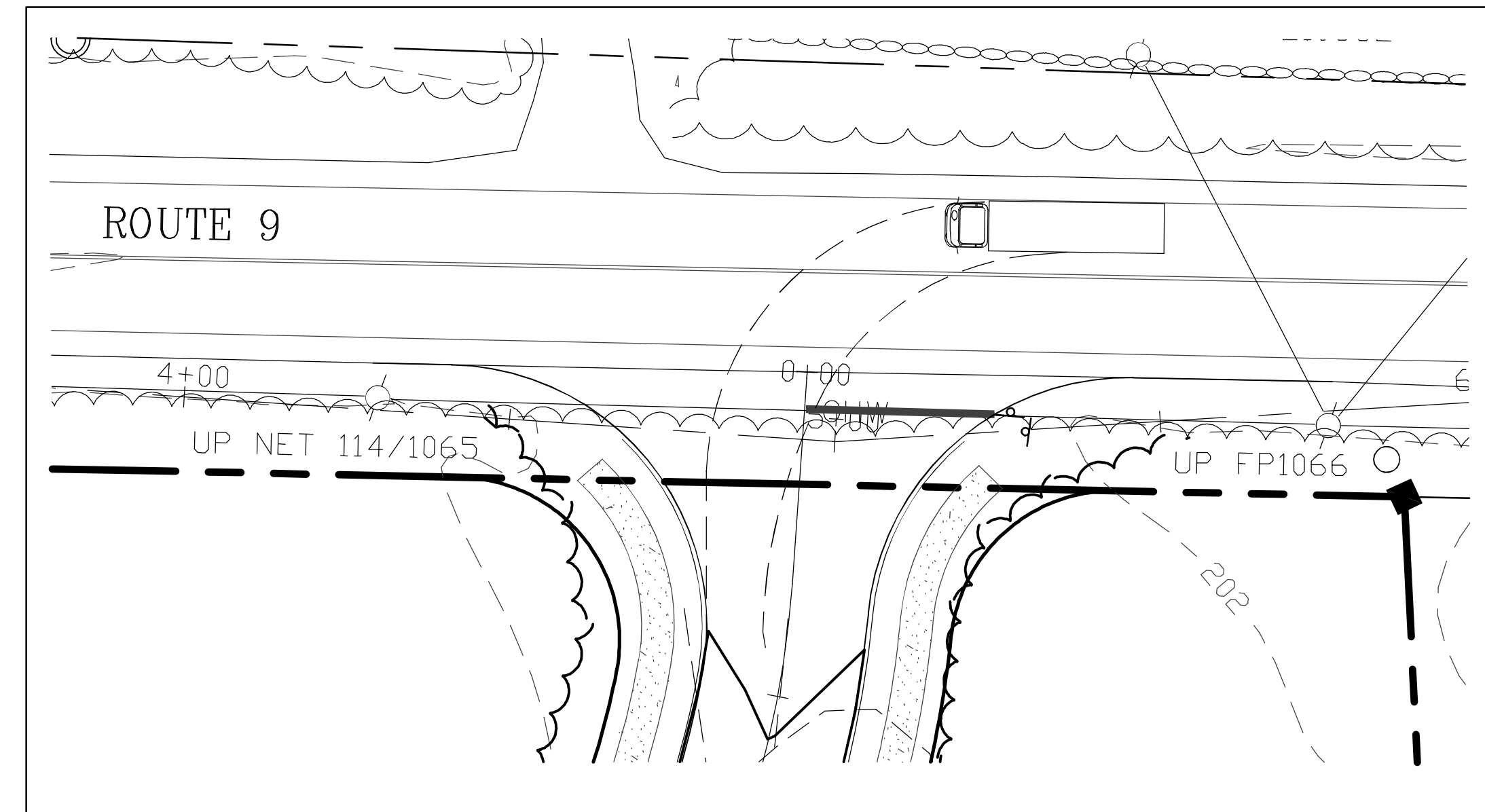
J&L TERRA HOLDINGS, INC.
79 EXETER ROAD
N. HAMPTON, N.H. 03862

BEALS ASSOCIATES PLLC

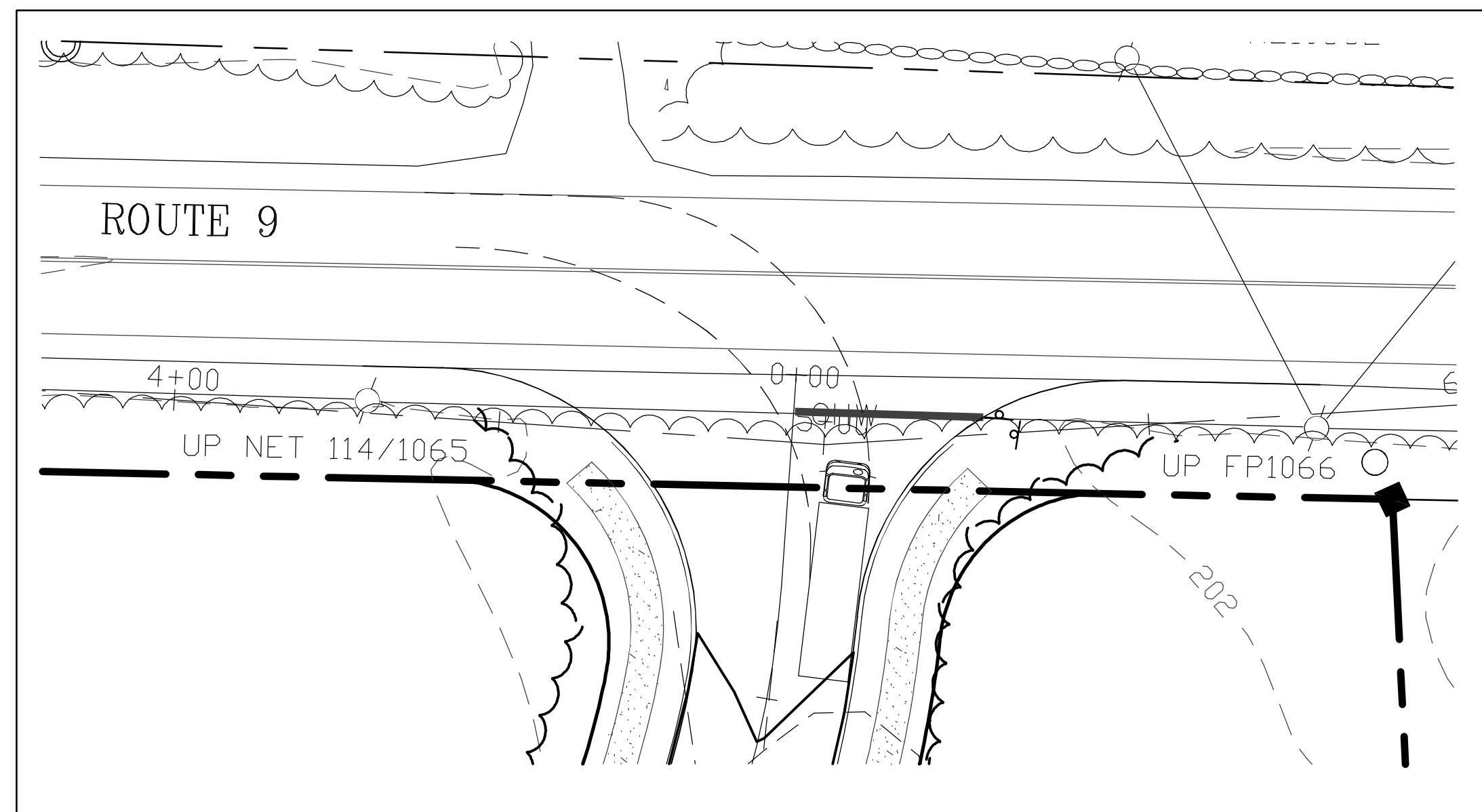
70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
PHONE: 603-583-4860, FAX: 603-583-4863



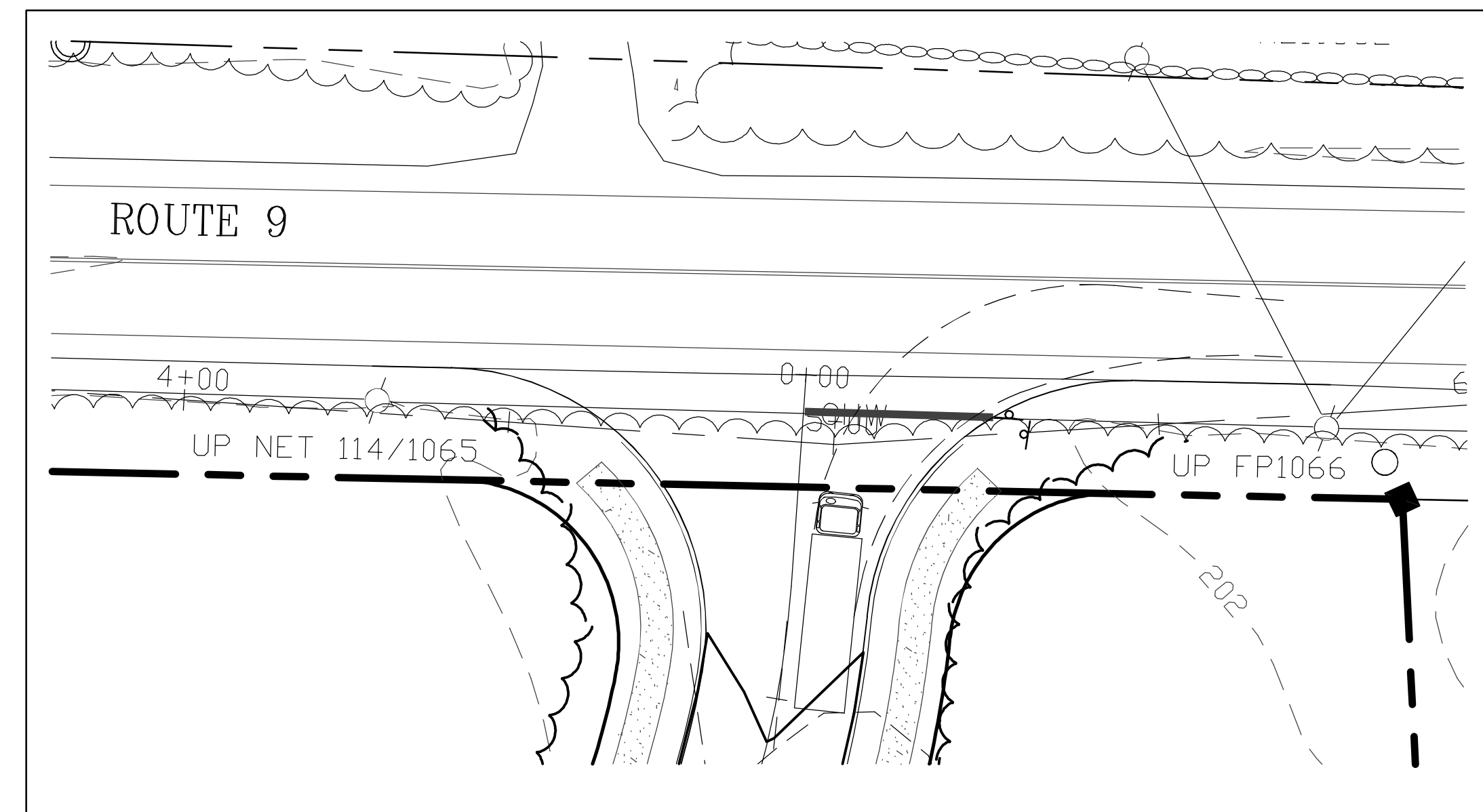
SU UTILITY TRUCK ENTERING EASTBOUND DETAIL
SCALE: 1"=20'



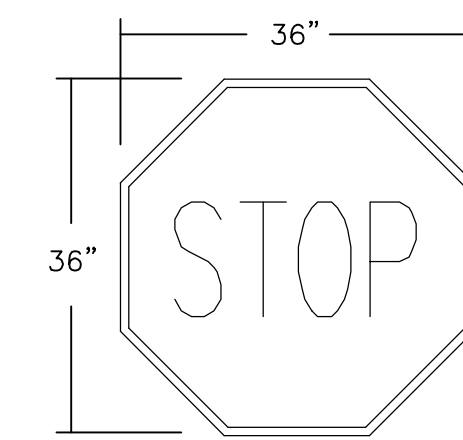
SU UTILITY TRUCK ENTERING WESTBOUND DETAIL
SCALE: 1"=20'



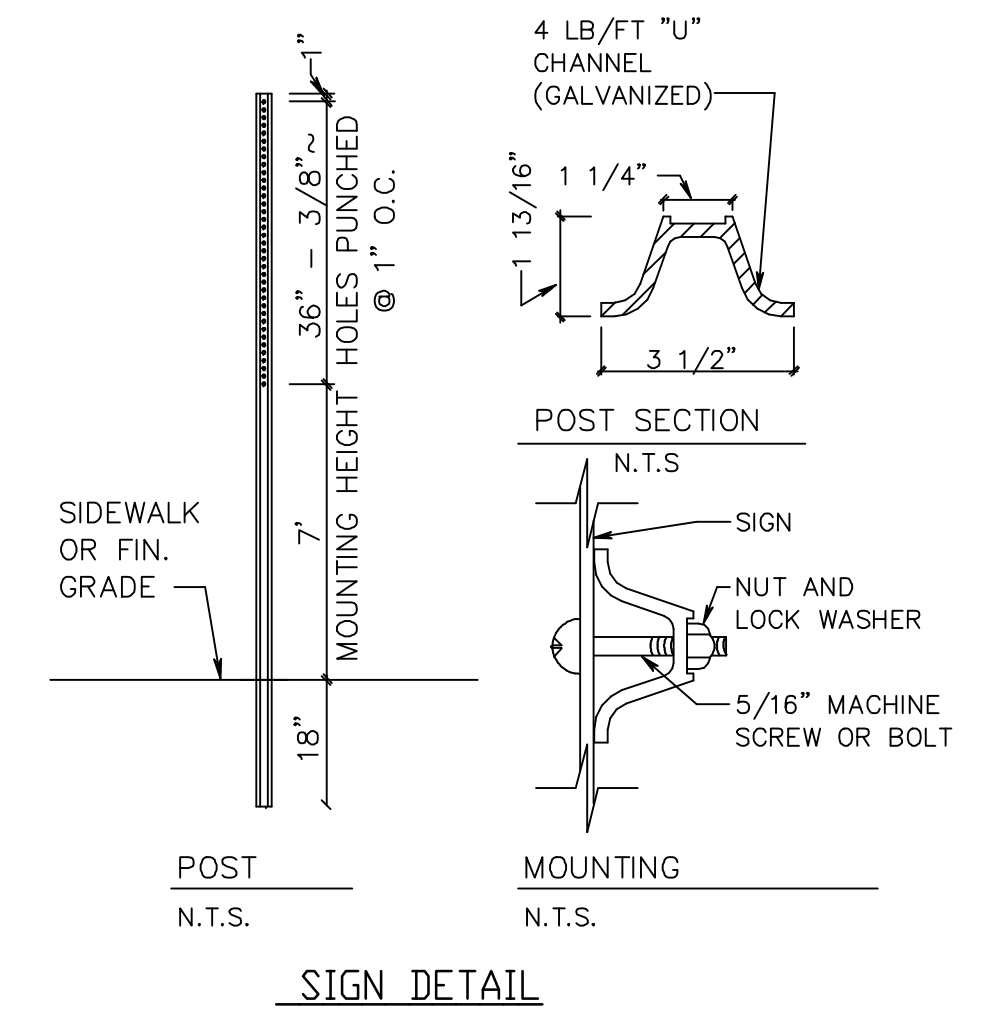
SU UTILITY TRUCK EXITING WESTBOUND DETAIL
SCALE: 1"=20'



SU UTILITY TRUCK EXITING EASTBOUND DETAIL
SCALE: 1"=20'



R1-1
WHITE LETTERING
ON RED



SIGN DETAIL

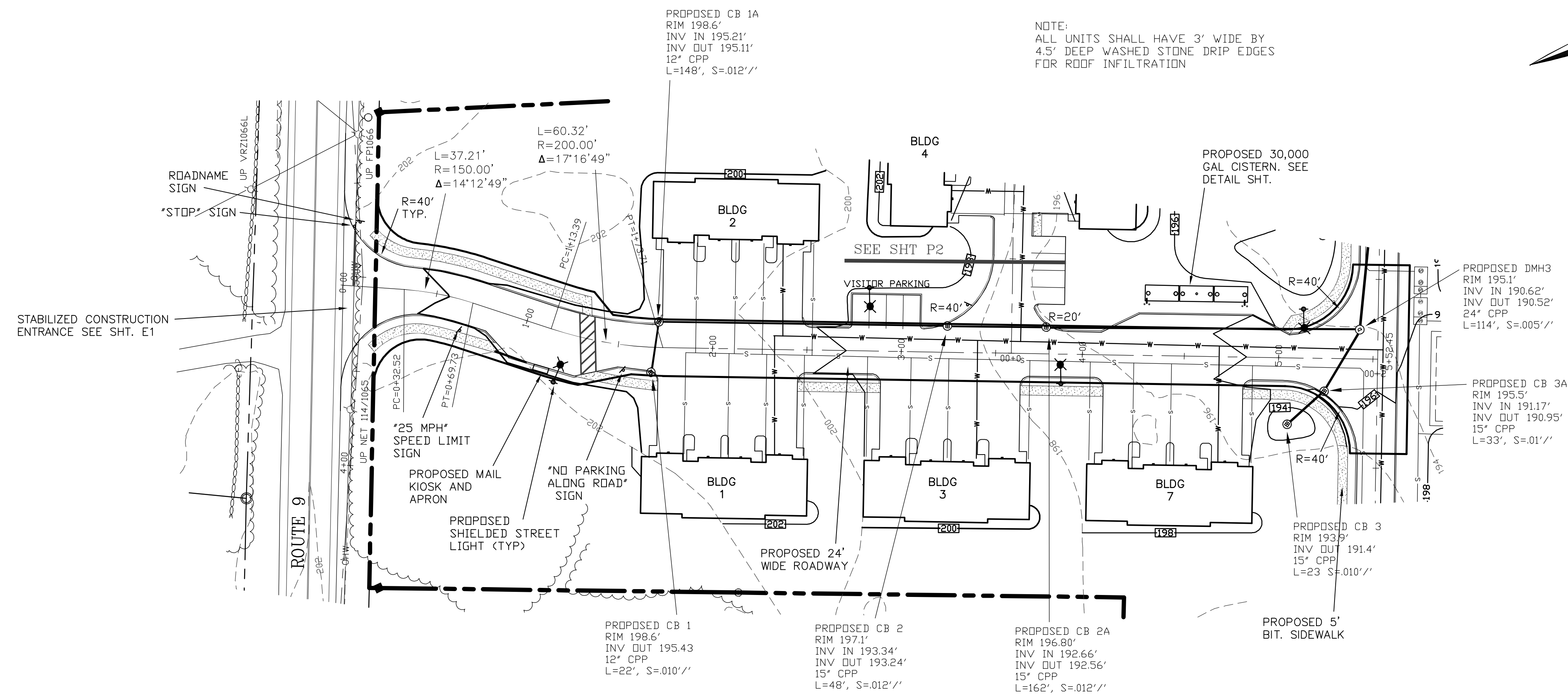
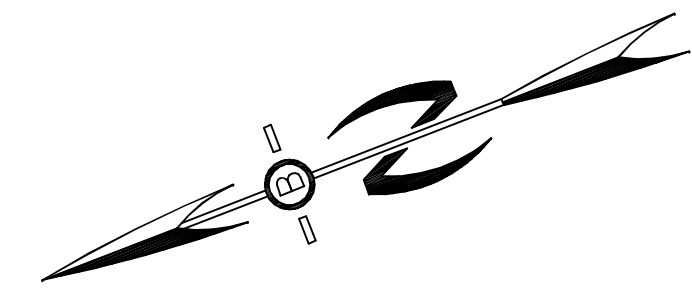
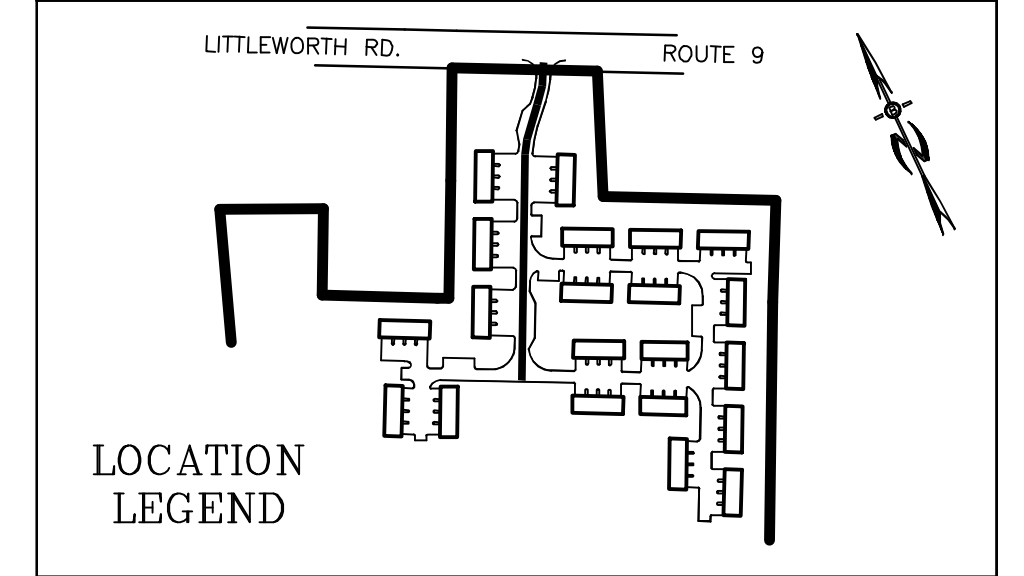
REVISIONS:	DATE:
HIGHWAY ACCESS PLAN-H2	
PLAN FOR: RESIDENTIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH	
DATE: DEC. 2020	SCALE: 1"=20'
PROJ. NO: NH-1263	SHEET NO. 8A OF 15

PREPARED FOR:

J&L TERRA HOLDINGS, INC.
79 EXETER ROAD
N. HAMPTON, N.H. 03862

BEALS ASSOCIATES PLLC

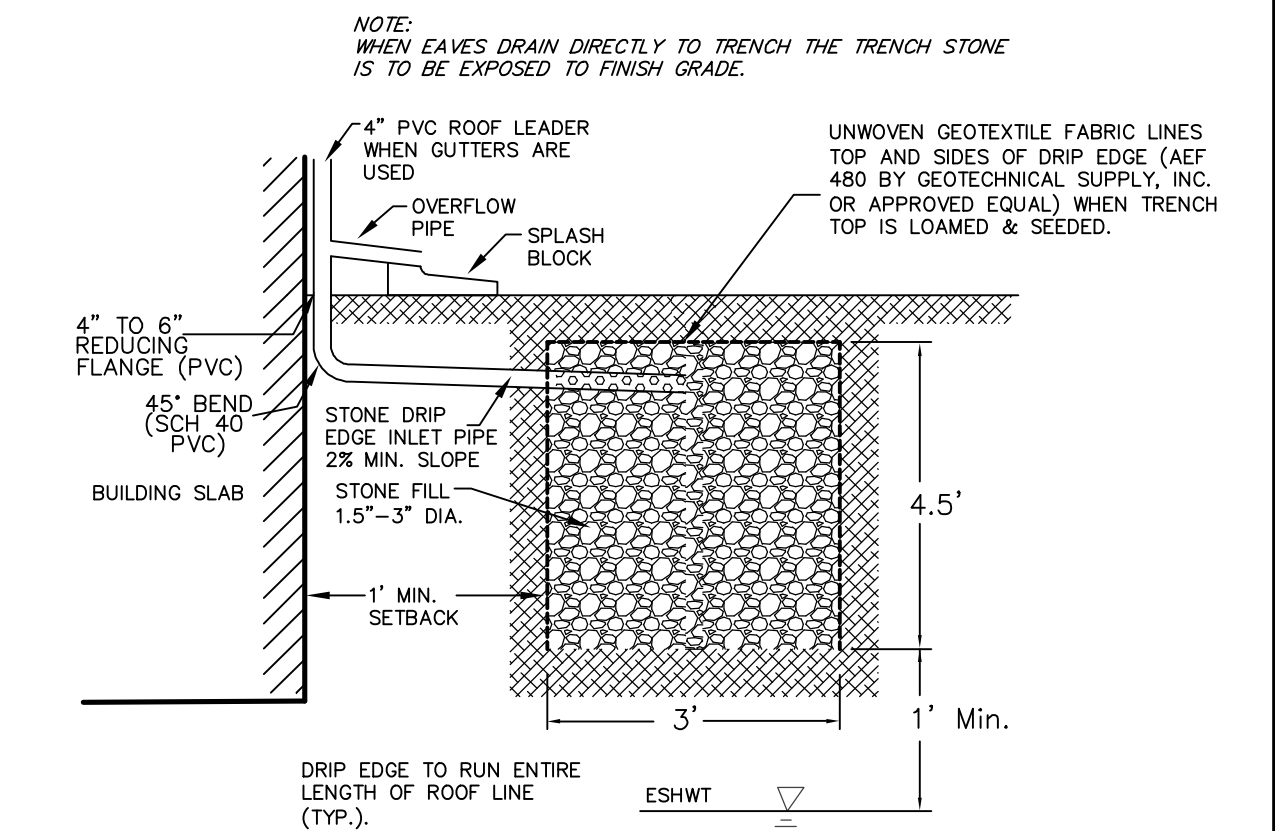
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PHONE: 603-583-4860, FAX: 603-583-4863



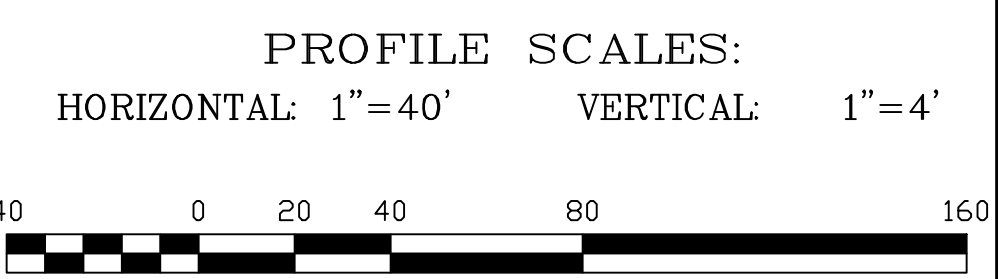
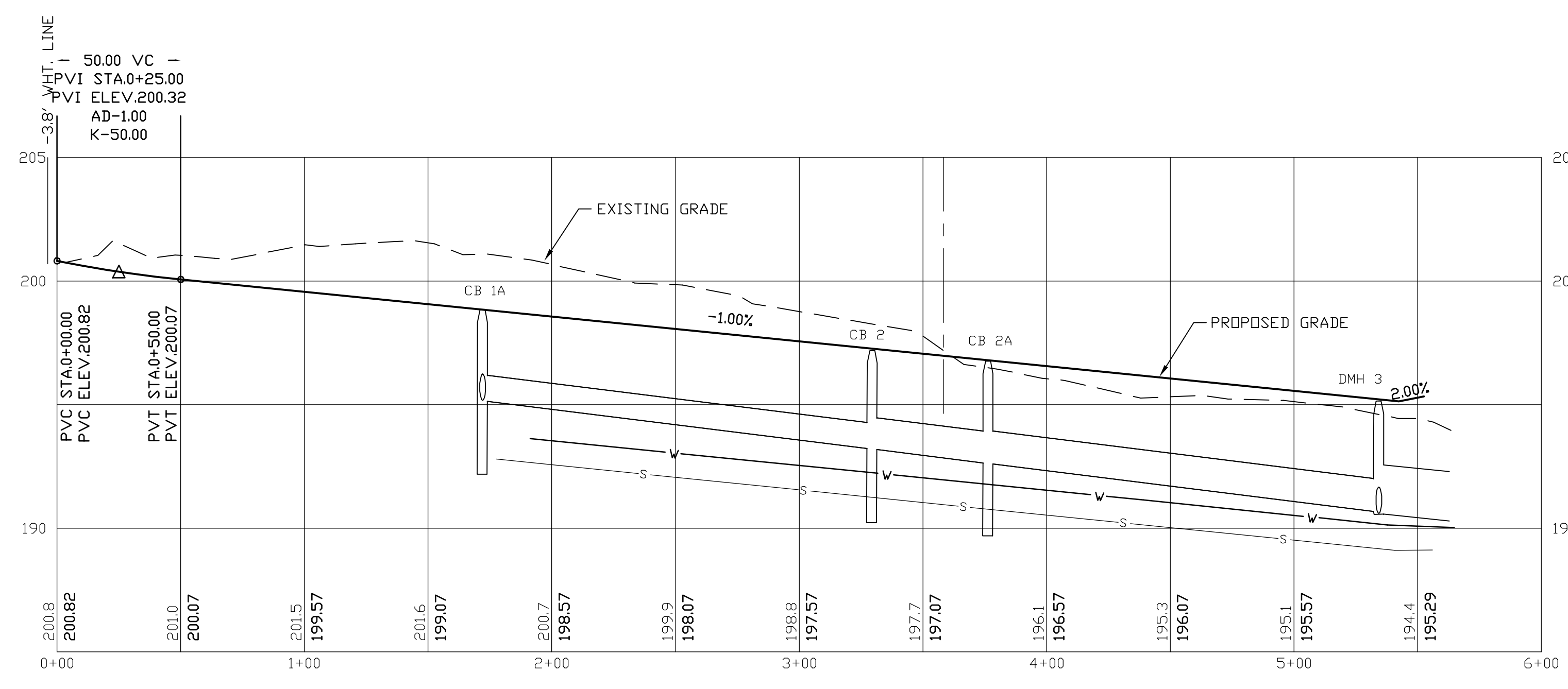
NOTE:
ALL UNITS SHALL HAVE 3" WIDE BY
4.5" DEEP WASHED STONE DRIP EDGES
FOR ROOF INFILTRATION

NOTES

1. ALL ELECTRICAL, TELEPHONE, CABLE TELEVISION AND ALARM LINES TO BE UNDERGROUND. THE SIZE AND LOCATION IS TO BE DETERMINED BY APPROPRIATE UTILITY COMPANY.
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3. ALL CONSTRUCTION METHODS AND MATERIALS WILL CONFORM TO THE TOWN STANDARD SPECIFICATIONS AND TO N.H.D.O.T. STANDARDS AND REGULATIONS.
4. ALL DRAINAGE STRUCTURE AND SWALES WILL BE BUILT AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM.
5. SEE DETAIL SHEETS FOR STANDARD CONSTRUCTION NOTES AND DETAILS.



STONE DRIP EDGE SECTION

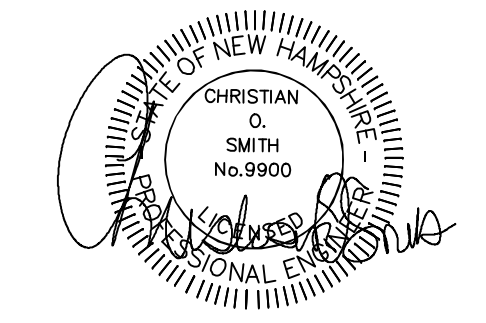


REVISED PER PB COMMENTS	11-24-20
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PLAN & PROFILE - P1

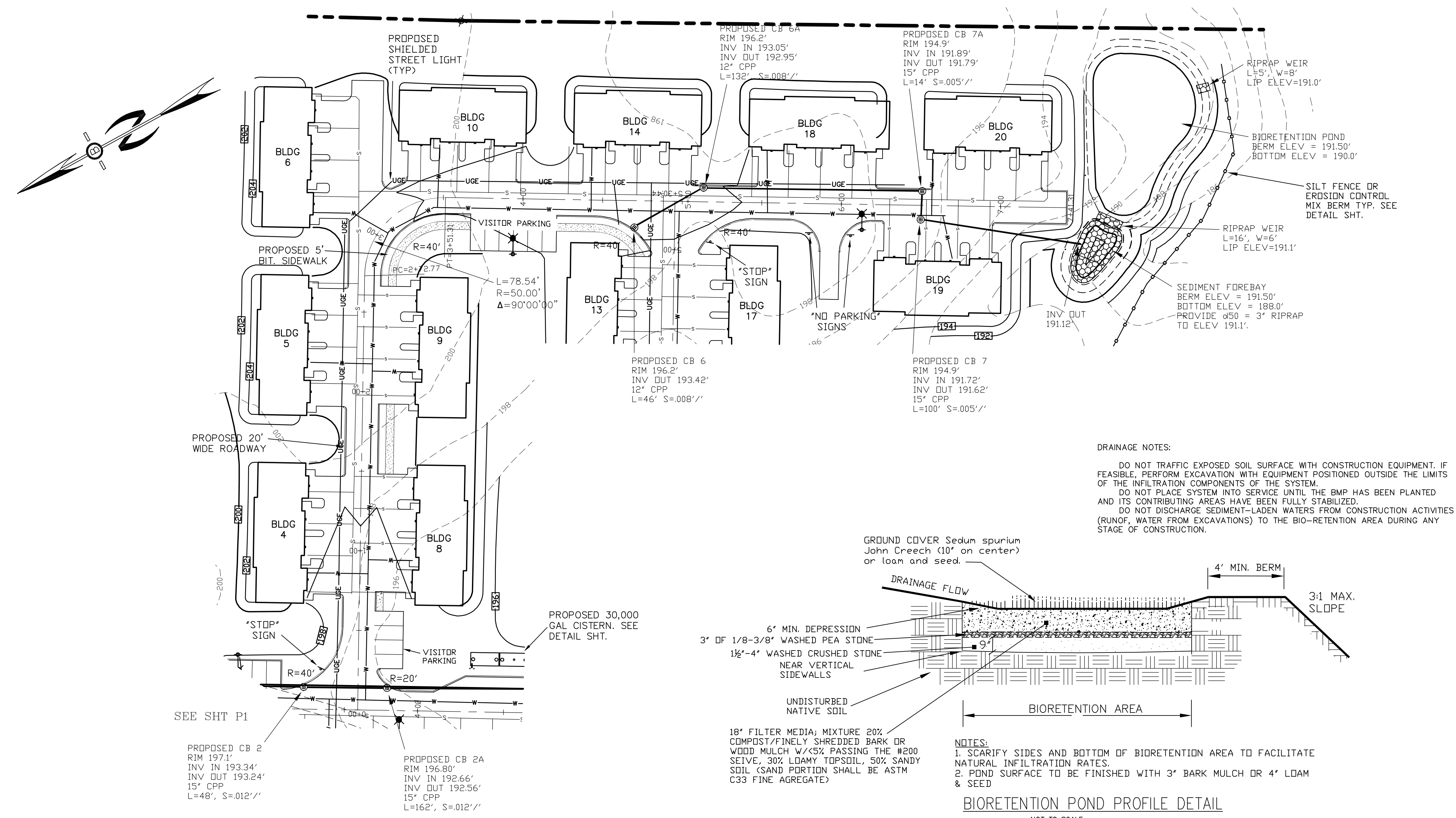
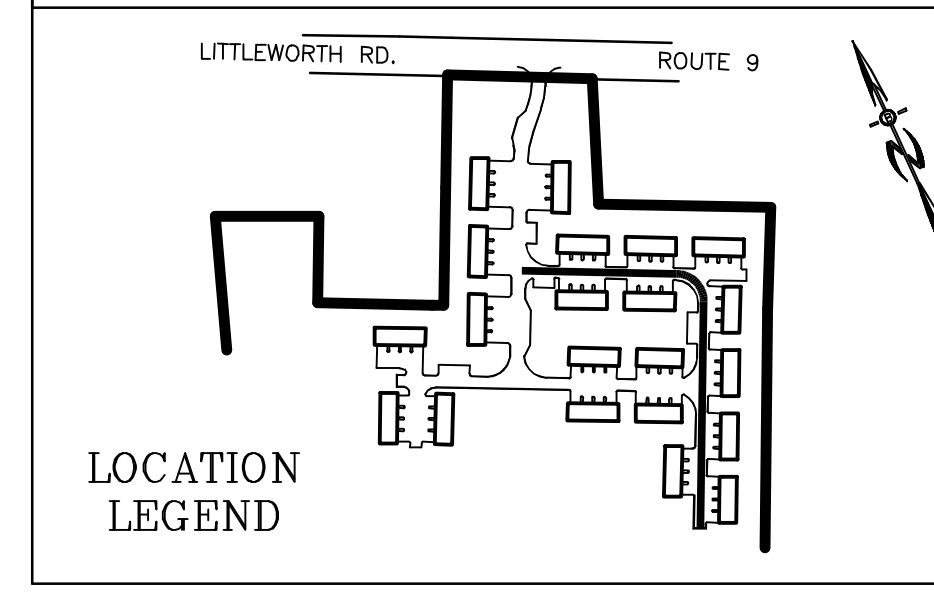
PLAN FOR:
RESIDENTIAL DEVELOPMENT
ROUTE 9
BARRINGTON, NH

DATE:	AUG. 2020	SCALE:	1" = 40'
PROJ. NO.:	NH-1263	SHEET NO.:	9 OF 15



PREPARED FOR:
J&L TERRA HOLDINGS, INC.
 79 EXETER ROAD
 N. HAMPTON, N.H. 03862

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

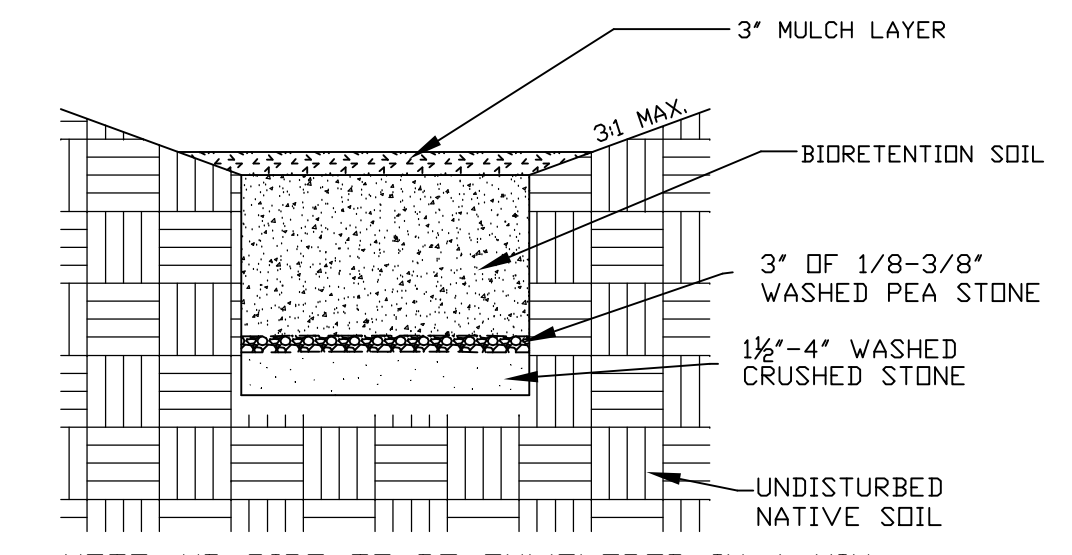


DRAINAGE NOTES:

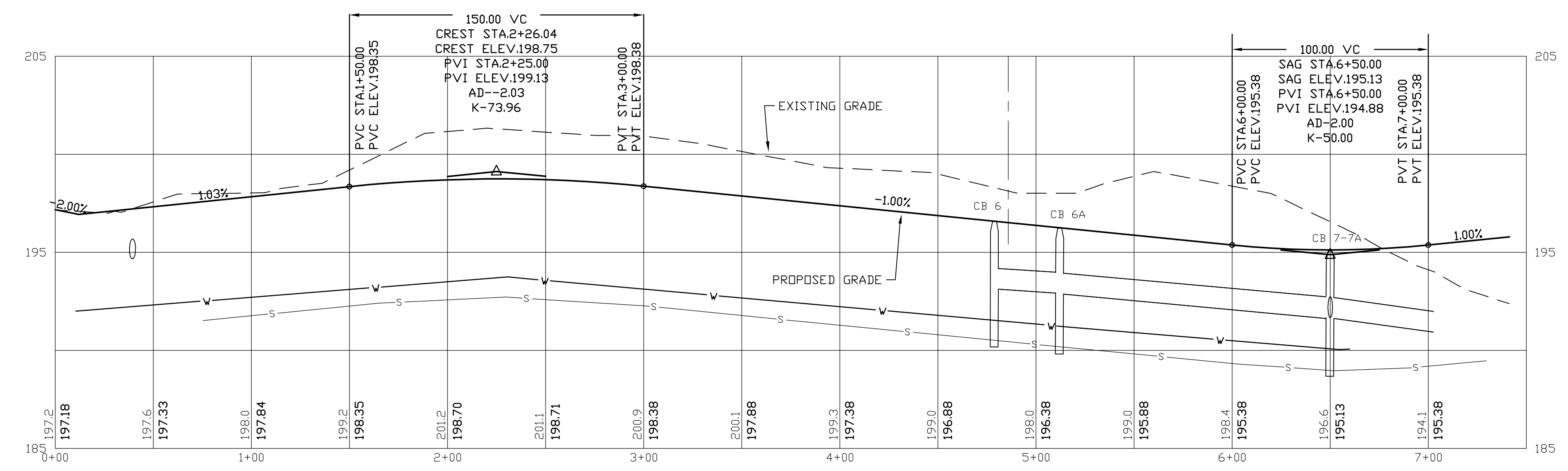
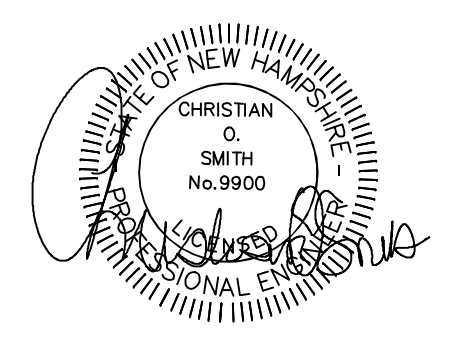
DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATION WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM.

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.



NOTE: UD PIPE TO BE ENVELOPED IN A MIN. OF 4" WASHED STONE AS SHOWN.



PROFILE SCALES:
 HORIZONTAL: 1"=40' VERTICAL: 1"=4'



REVISED PER PB COMMENTS	11-24-20
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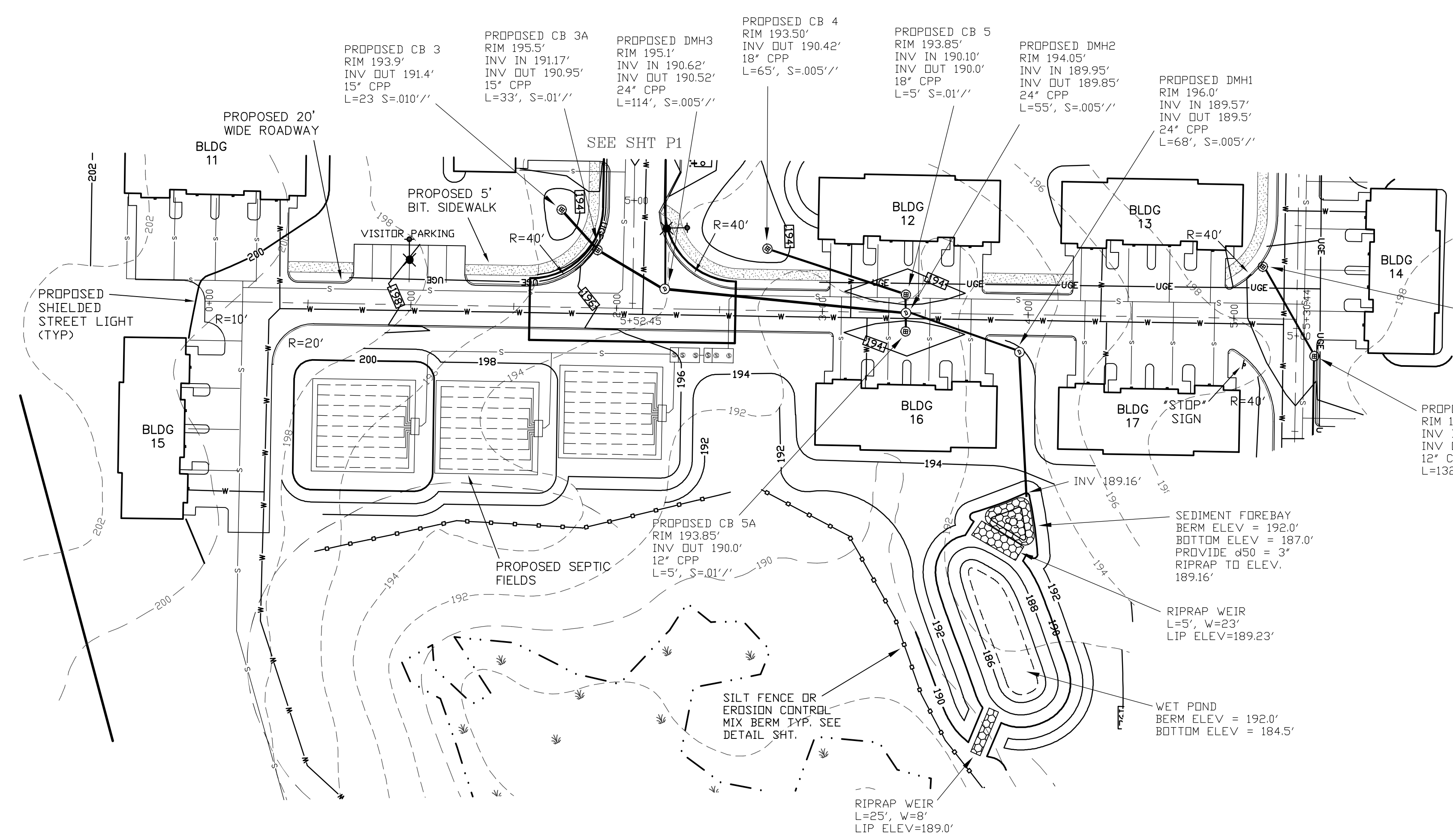
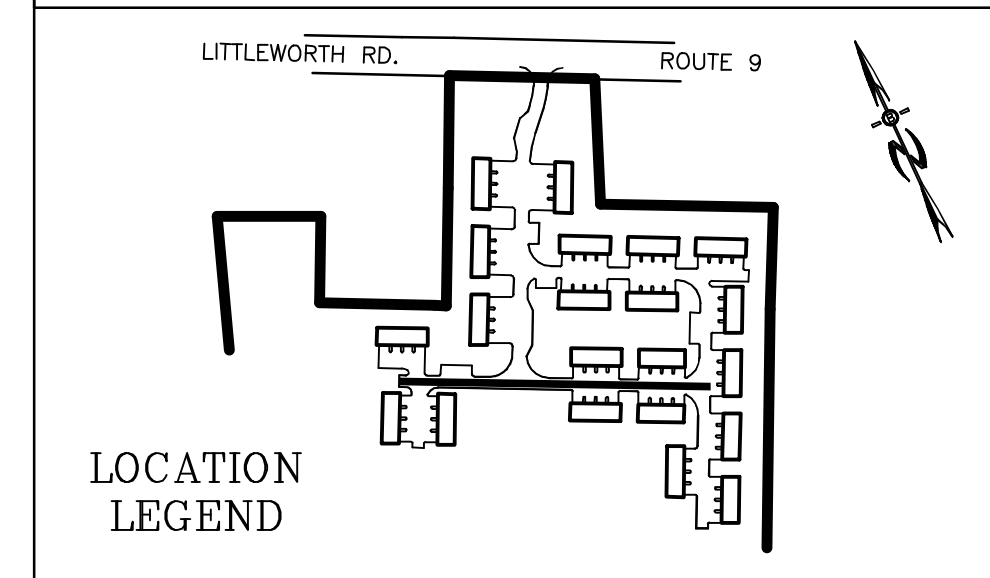
PLAN & PROFILE - P2

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 ROUTE 9
 BARRINGTON, NH

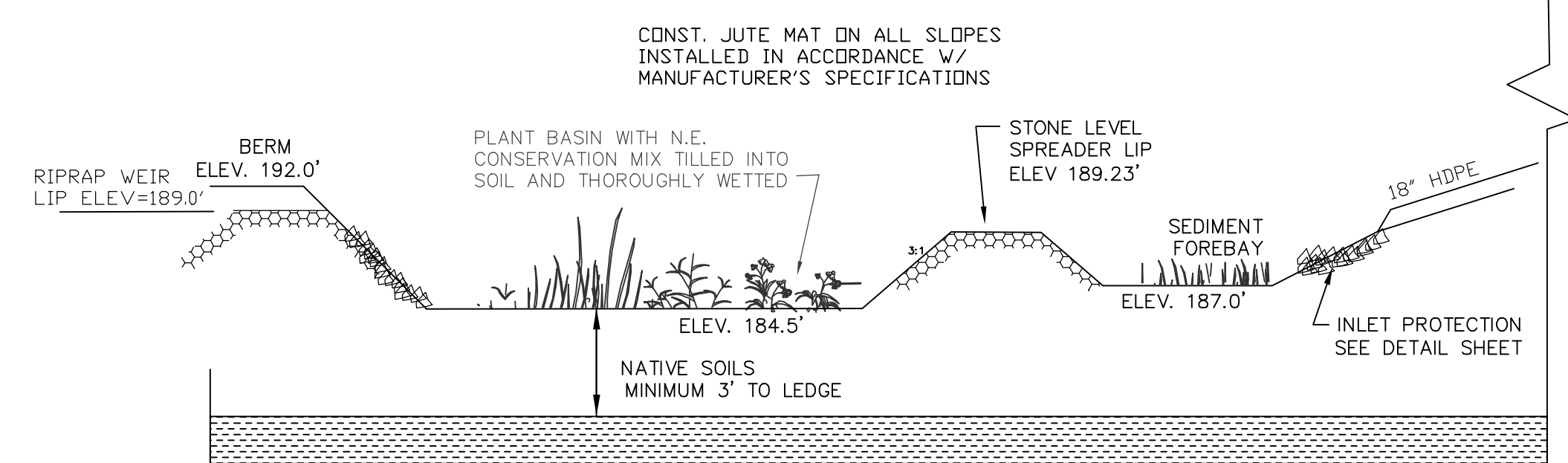
DATE: AUG. 2020	SCALE: 1" = 40'
PROJ. NO: NH-1263	SHEET NO. 10 OF 15

PREPARED FOR:
J&L TERRA HOLDINGS, INC.
 79 EXETER ROAD
 N. HAMPTON, N.H. 03862

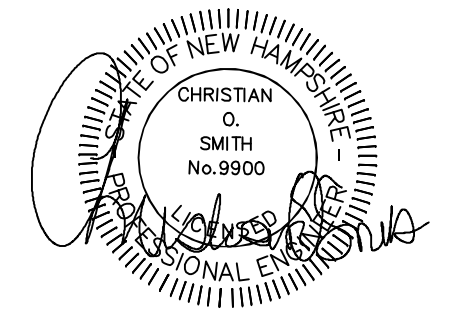
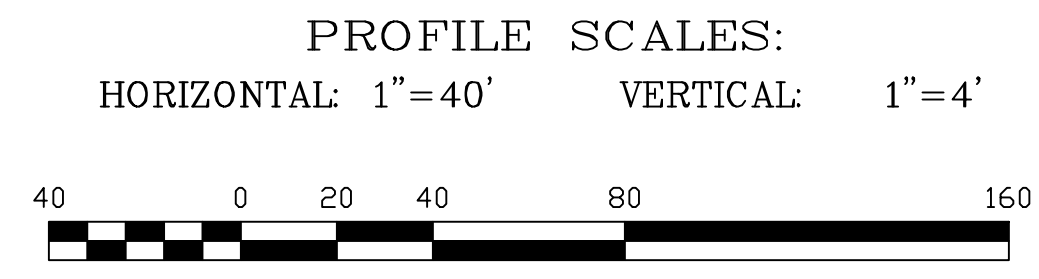
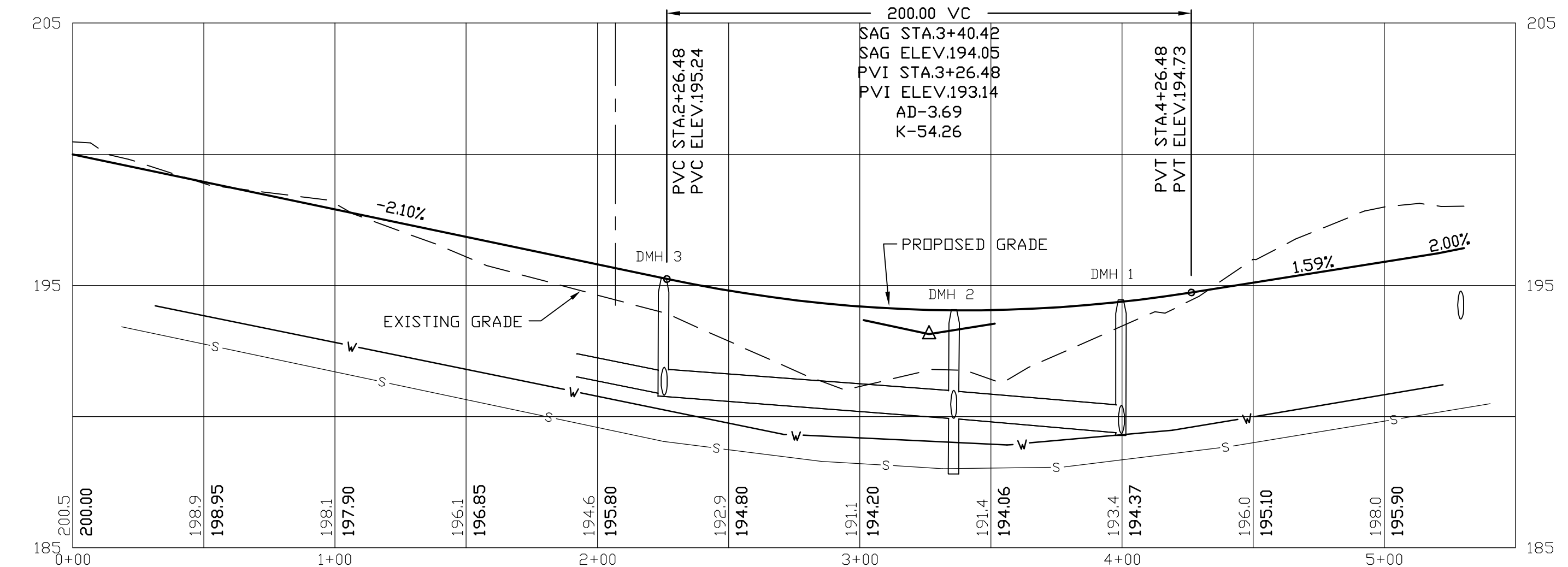
BEALS ASSOCIATES PLLC
 70 PORTSMOUTH AVE, STRATHAM, N.H. 03885
 PHONE: 603-583-4860, FAX: 603-583-4863



- GENERAL NOTES:**
- INSTALL ALL TEMPORARY EROSION CONTROL MEASURES (IN ACCORDANCE WITH ENR-WQ 1500) PRIOR TO THE START OF ANY CONSTRUCTION OPERATION THAT MAY CAUSE ANY SEDIMENTATION OR SILTATION AT THE SITE.
 - INSTALL STORM DRAIN INLET PROTECTION TO PREVENT CLOGGING OF THE STORM SEWER AND SEDIMENT LOADS TO DOWNSTREAM STORM WATER FACILITIES OR WATERBODIES.
 - IF THE STORMWATER BMP IS BEING DESIGNED TO SERVE AS A TEMPORARY SEDIMENT BASIN, GRADE THE BMP TO WITHIN THREE (3) FEET OF FINAL GRADE TO PROTECT THE UNDERLYING MATERIAL FROM CLOGGING. ONCE CONSTRUCTION IN THE CONTRIBUTING DRAINAGE AREA HAS BEEN COMPLETED AND THE SITE IS STABILIZED, EXCAVATE THE BASIN TO FINAL GRADE AND COMPLETE CONSTRUCTION OF THE BMP.
 - GRADING OF THE BASIN SHALL BE ACCOMPLISHED USING LOW-IMPACT EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF THE UNDERLYING SOILS. SMALL TRACKED DOZERS AND BOBCATS WITH RUNNER TRACKS ARE RECOMMENDED.
 - EXCAVATE THE BASIN TO THE SPECIFIED DEPTH (ELEVATION). IT IS RECOMMENDED THAT ALL SUB MATERIAL BELOW THE SPECIFIED ELEVATION SHALL BE LEFT UNDISTURBED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - GRADE TO THE DEPTH (ELEVATION) SPECIFIED IN THE CONSTRUCTION DOCUMENTS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - IN THE EVENT THAT SEDIMENT IS INTRODUCED INTO THE BMP DURING OR IMMEDIATELY FOLLOWING EXCAVATION, THIS MATERIAL WILL NEED TO BE REMOVED FROM THE BASIN PRIOR TO INITIATING THE NEXT STEP IN THE CONSTRUCTION PROCESS. SEDIMENT THAT HAS BEEN WASHED INTO THE BASIN DURING THE EXCAVATION PROCESS CAN SEAL THE PERMEABLE MATERIAL, SIGNIFICANTLY REDUCING THE INFILTRATION CAPACITY OF THE SOILS.
 - SEEDING AND INSTALLATION OF EROSION CONTROL BLANKET IF REQUIRED SHALL BE COMPLETED WITHIN 48 HOURS OF FINAL GRADING.
 - AREA SHALL BE STAKED OFF DURING CONSTRUCTION TO RESTRICT HEAVY EQUIPMENT TRAFFIC FROM COMPACTING NATIVE SOILS.



- PLANTING NOTES:**
 WETLAND PLANTINGS SHOULD INCLUDE:
- GROUND COVER (SEDEGE, LOWBUSH, BLUEBERRY, ETC.)
 - LOW GROWING SHRUBS (RED OSIER DOGWOOD, WINTERBERRY OR SIMILAR) PLANTED NO CLOSER THAN 10' DN CENTER.



REVISED PER PB COMMENTS	11-24-20
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PLAN & PROFILE - P3

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 ROUTE 9
 BARRINGTON, NH

DATE:	AUG. 2020	SCALE:	1" = 4'
PROJ. NO:	NH-1263	SHEET NO.:	11 OF 15

STONE BERM LEVEL SPREADER

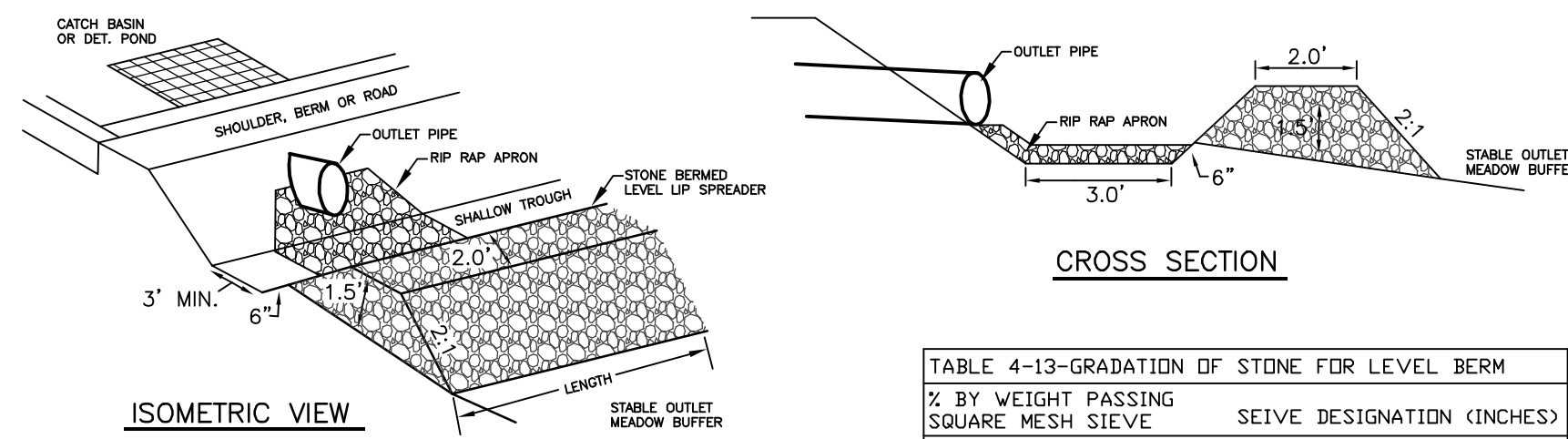
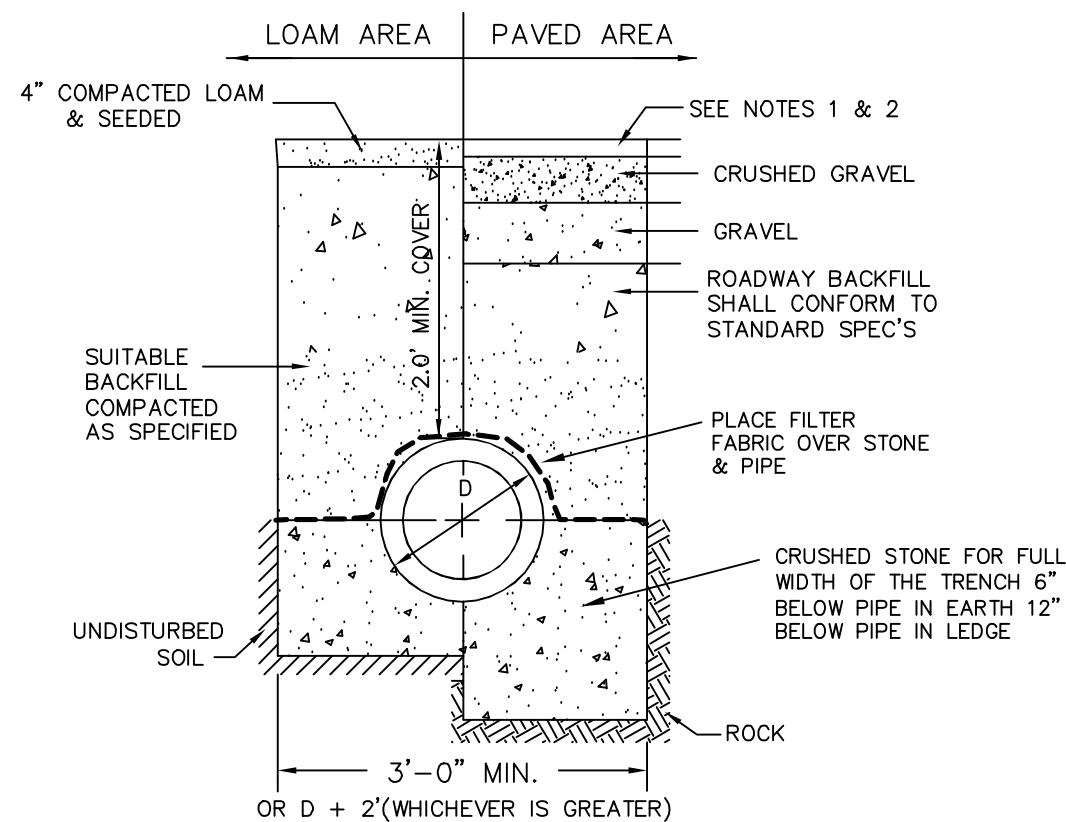


TABLE 4-13-GRADATION OF STONE FOR LEVEL BERM

% BY WEIGHT PASSING SQUARE MESH SIEVE	SEIVE DESIGNATION (INCHES)
100%	12
84%-100%	6
68%-83%	3
42%-55%	1
8%-12%	No. 4

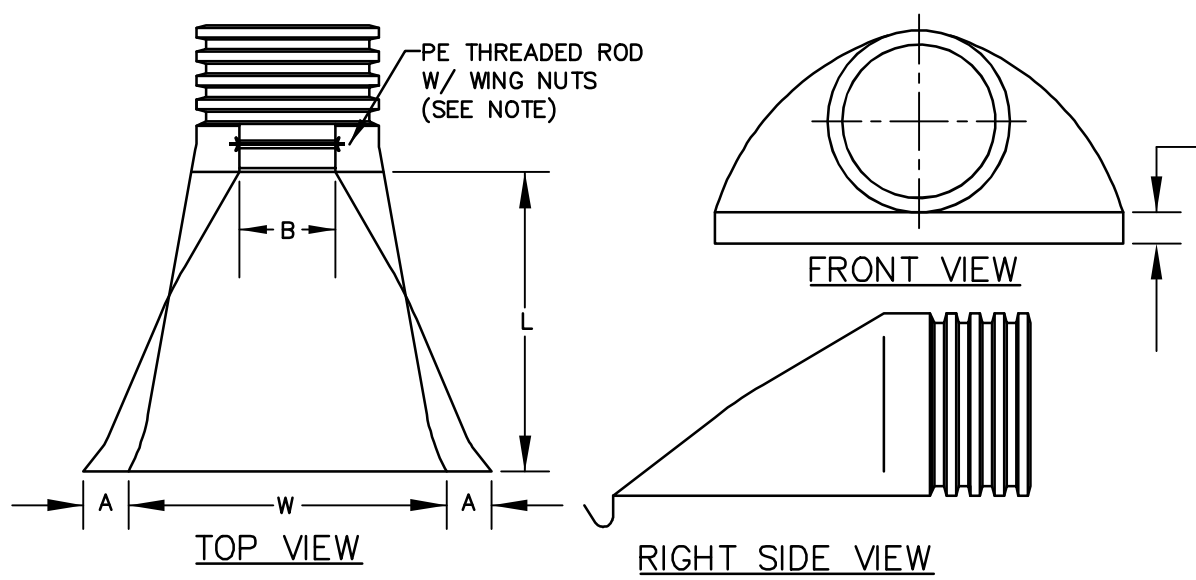
LEVEL SPREADER

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 EXCELSIOR 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.



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

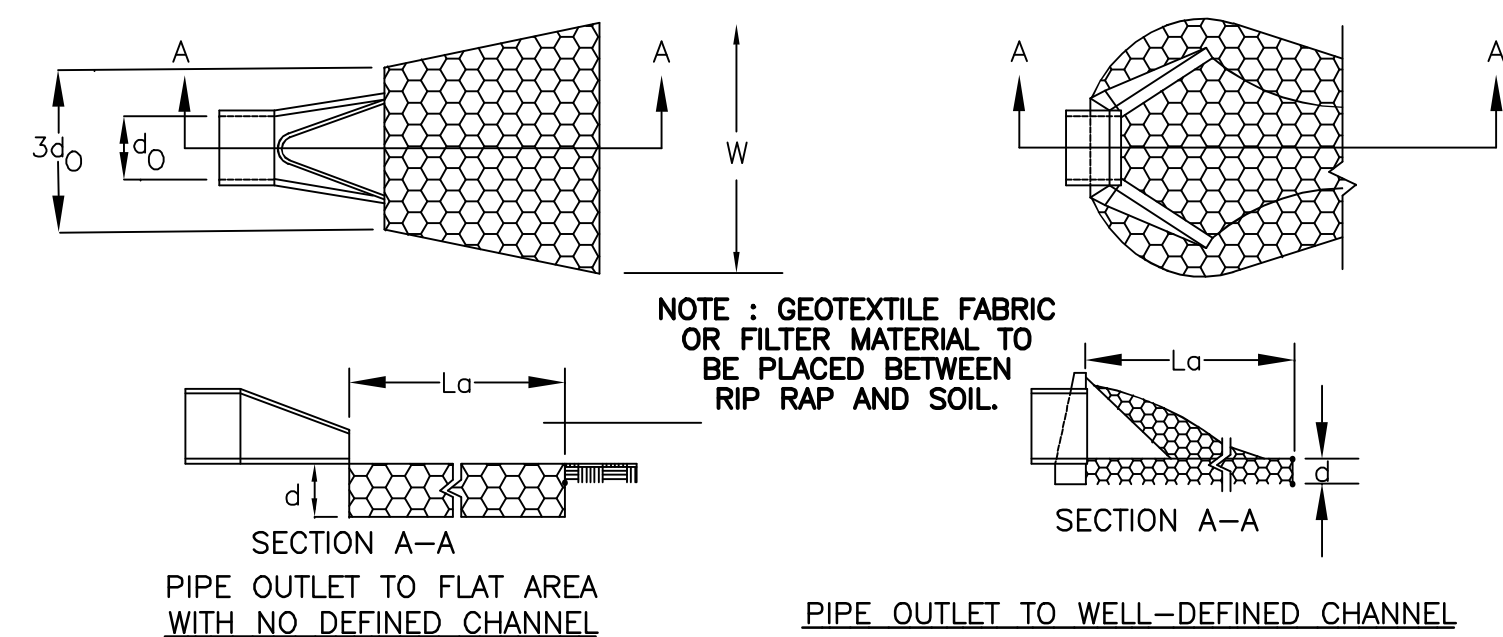
TYPICAL DRAINAGE TRENCH DETAIL



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	380 mm	6.5" 165 mm	812 mm	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

TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

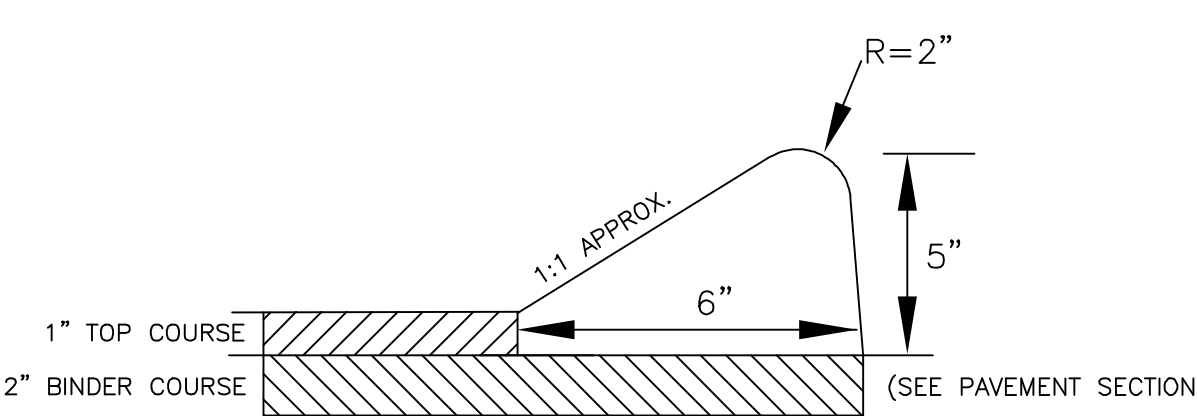
THICKNESS OF RIP RAP = 0.50 FEET

d50 SIZE=	0.50 FEET	6 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE	SIZE OF STONE (INCHES) FROM	TO
100%	9	12
85%	8	11
50%	6	9
15%	2	3

TABLE 7-24-RECOMMENDED RIP RAP GRADATION RANGES

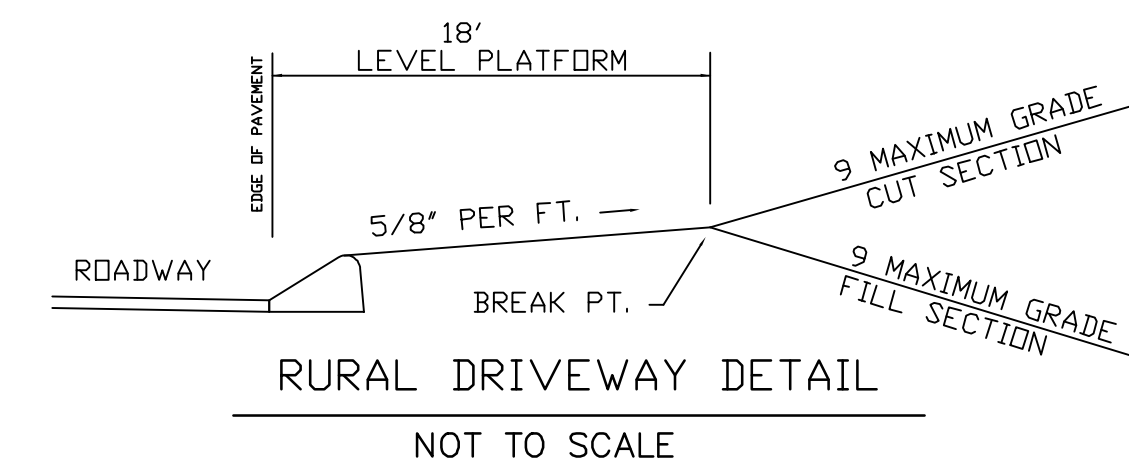
THICKNESS OF RIP RAP = 0.75 FEET

d50 SIZE=	0.75 FEET	9 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE	SIZE OF STONE(INCHES) FROM	TO
100%	14	18
85%	12	16
50%	9	14
15%	3	5



THE BIT. CURBING IS TO BE CONSTRUCTED OF A POLYFIBER CURB MIX CONTAINING 59.2% SAND, 27.6% 3/8" STONE, 9.2% 1/2" STONE, 0.3% FIBERS, AND 3.0% ASPHALT.

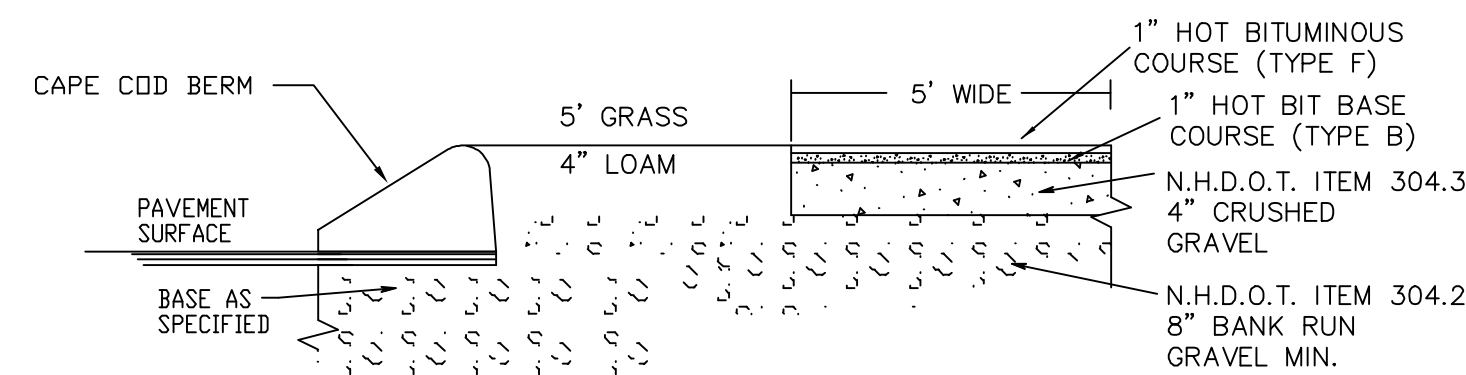
CAPE COD BERM DETAIL
NOT TO SCALE



RURAL DRIVEWAY DETAIL
NOT TO SCALE

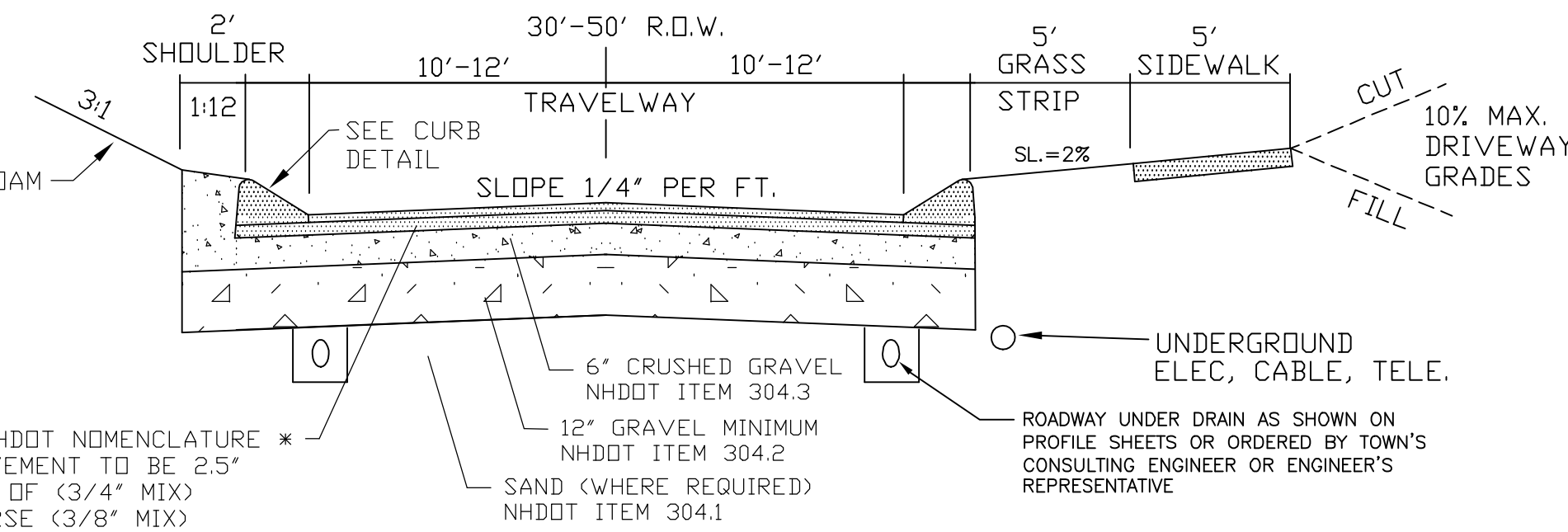
TRAFFIC CONTROL SCHEDULE

SIGN NUMBER	SIGN	SIZE OF SIGN WIDTH HEIGHT	DESCRIPTION	MOUNT TYPE	MOUNT HEIGHT
R1-1	STOP	30" 30"	WHITE ON RED	CHANNEL	7'-0"
R2-1	SPEED LIMIT 25	18" 24"	BLACK ON WHITE	CHANNEL	7'-0"
41-0342	ROAD NARROWS AHEAD	30" 30"	BLACK ON YELLOW	CHANNEL	8'-6"
W14-2	NO OUTLET	24" 24"	BLACK ON YELLOW	CHANNEL	7'-0"



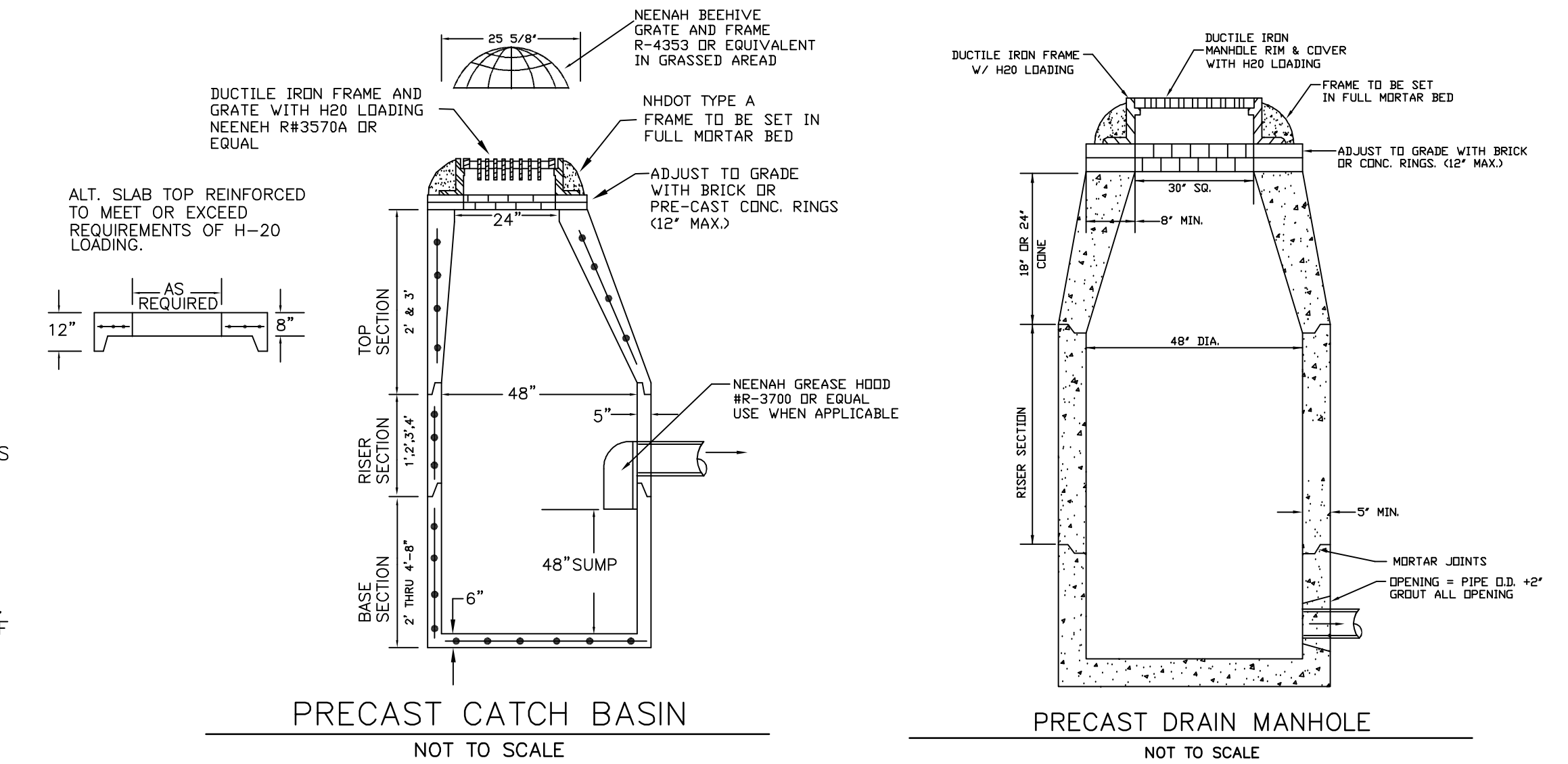
BIT. SIDEWALK DETAIL

NOT TO SCALE



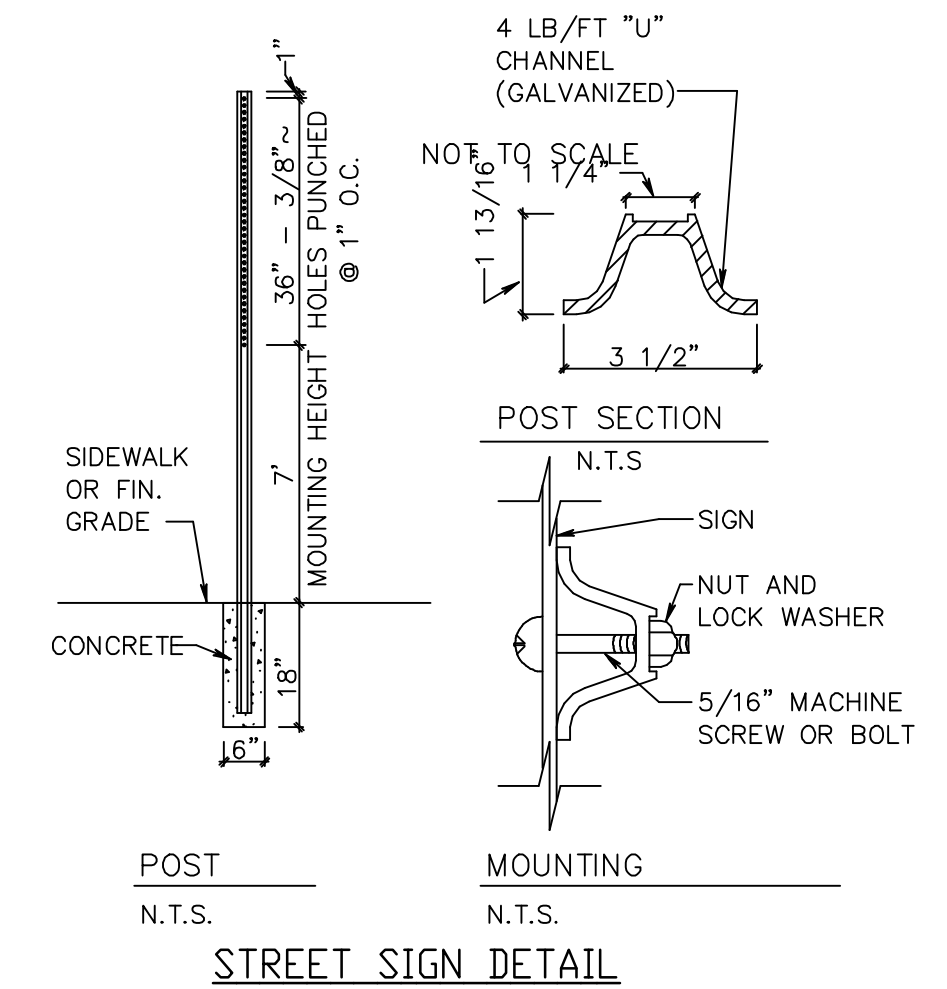
ALL MATERIALS TO BE INSPECTED AND APPROVED BY TOWN ENGINEER AND MEET NHDOT STANDARDS. TOWN MAY REQUIRE UNDERDRAIN OR ADDITIONAL DRAINAGE TO INCLUDE OVER EXCAVATION OF UNSUITABLE MATERIALS AND INSTALLATION OF GEOTEXTILE FABRIC. SEE ADDITIONAL NOTES ON DETAIL SHEETS.

TYPICAL CROSS SECTION

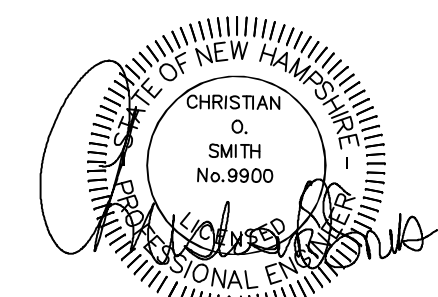


PRECAST CATCH BASIN
NOT TO SCALE

PRECAST DRAIN MANHOLE
NOT TO SCALE



STREET SIGN DETAIL



REVISIONS:		DATE:

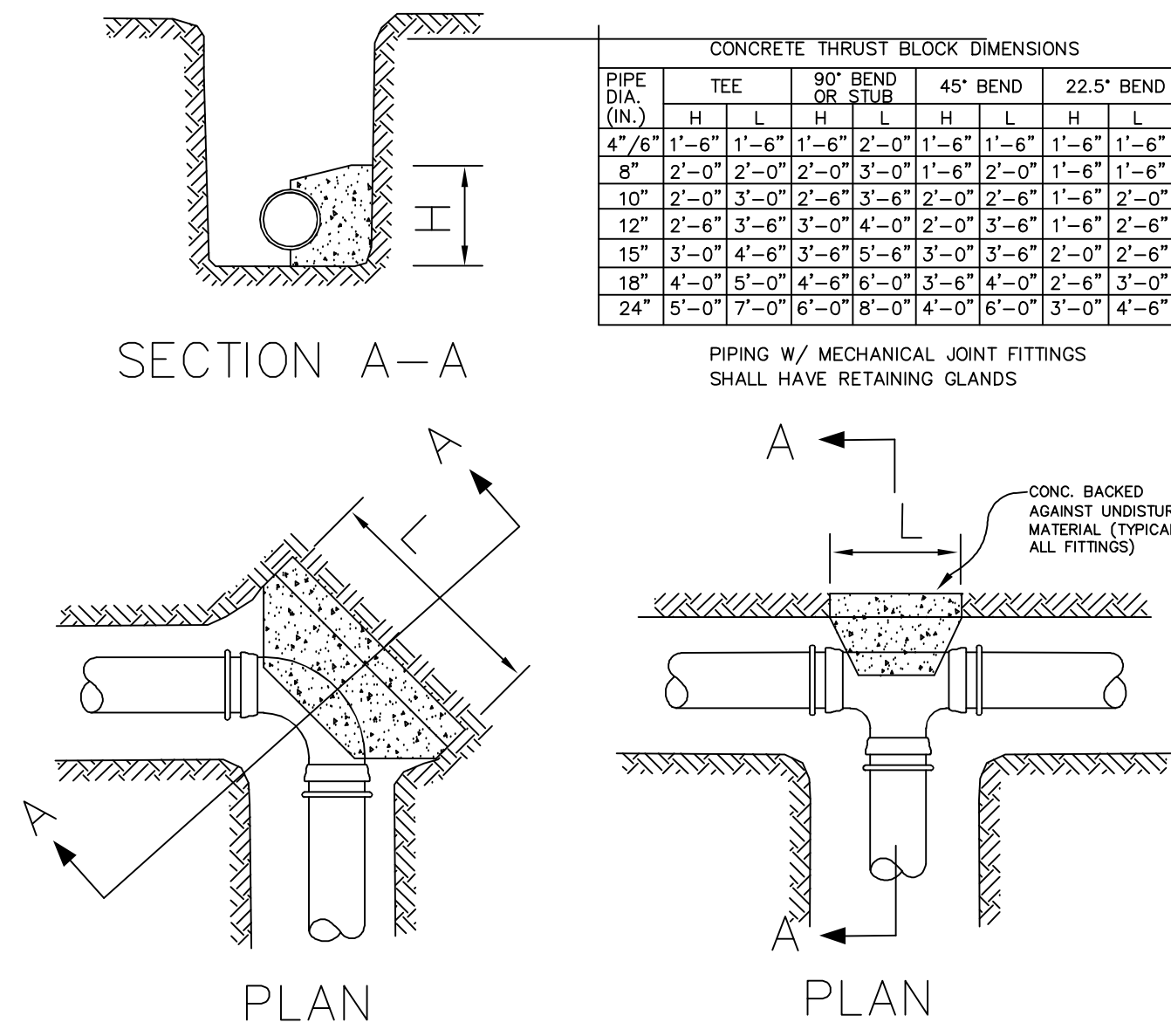
CONSTRUCTION DETAILS D1

PLAN FOR: RESIDENTIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH

DATE:	AUG. 2020	SCALE	NTS
PROJ. NO:	NH-1263	SHEET NO.	12 OF 15

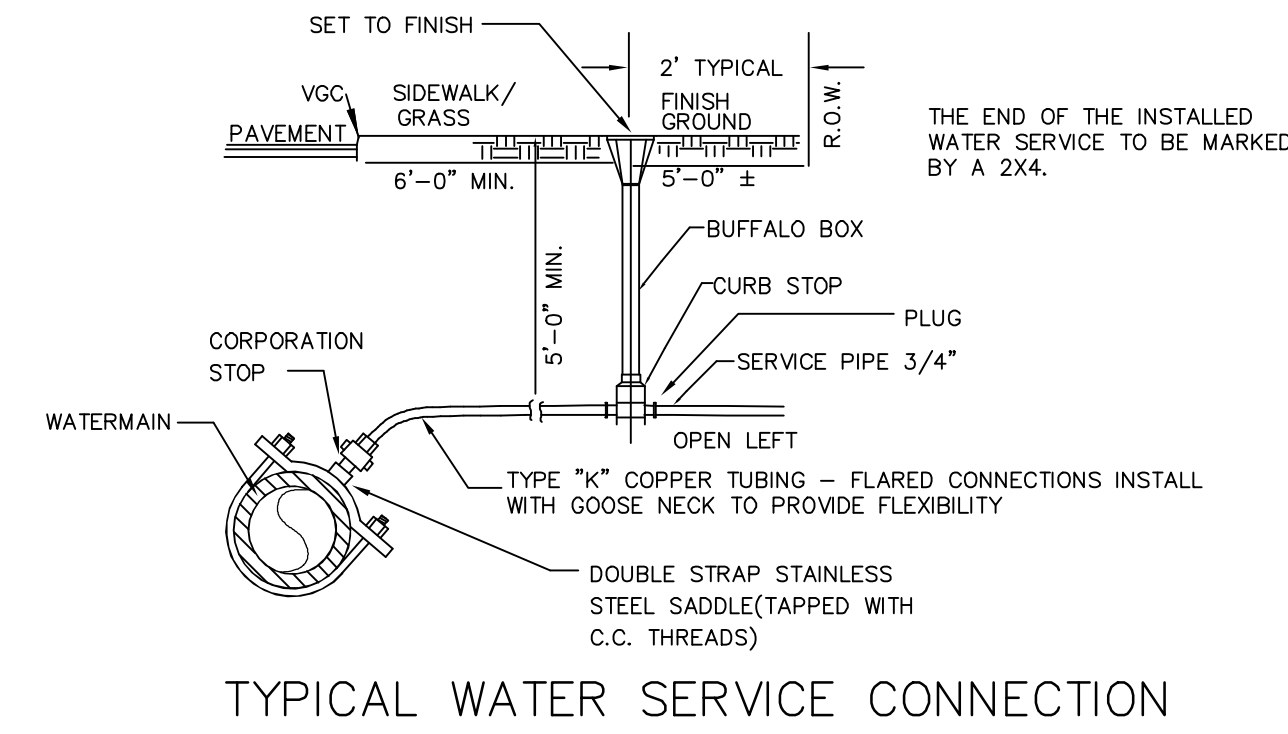
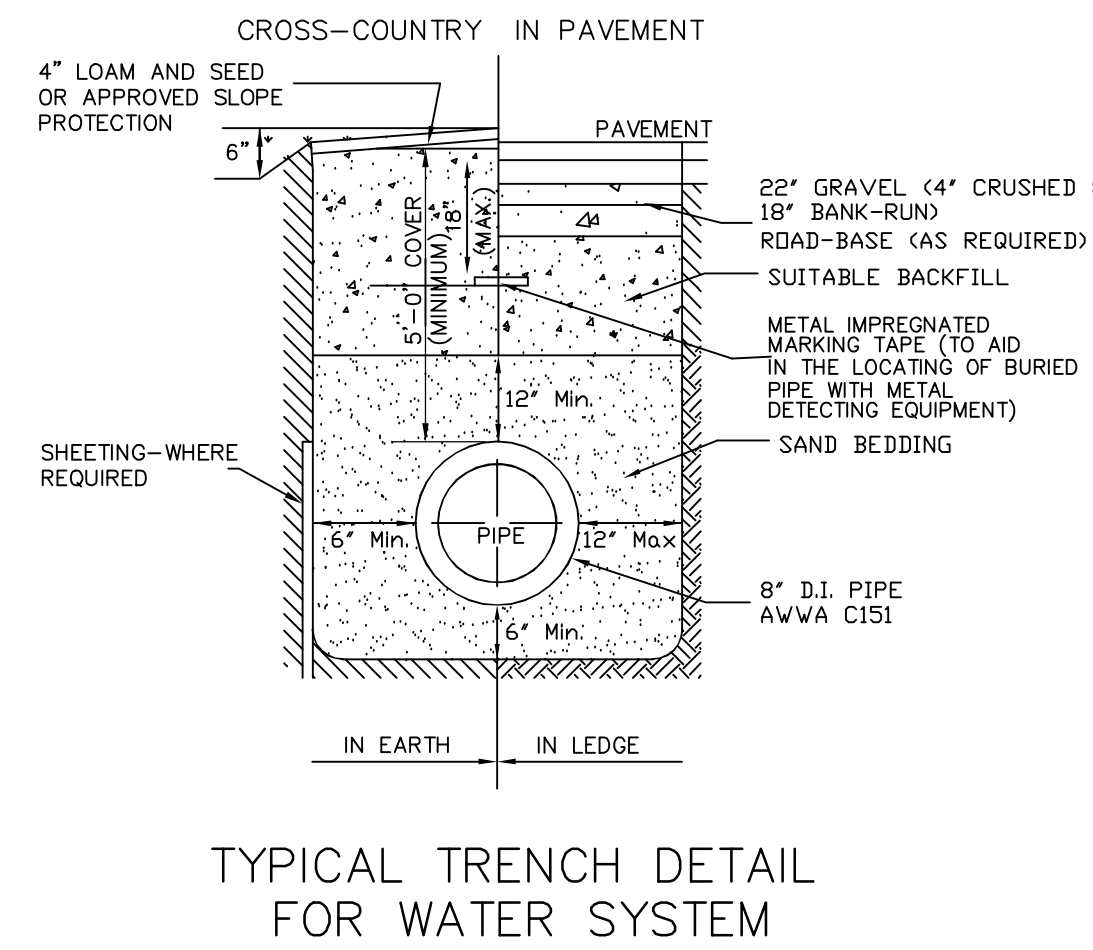
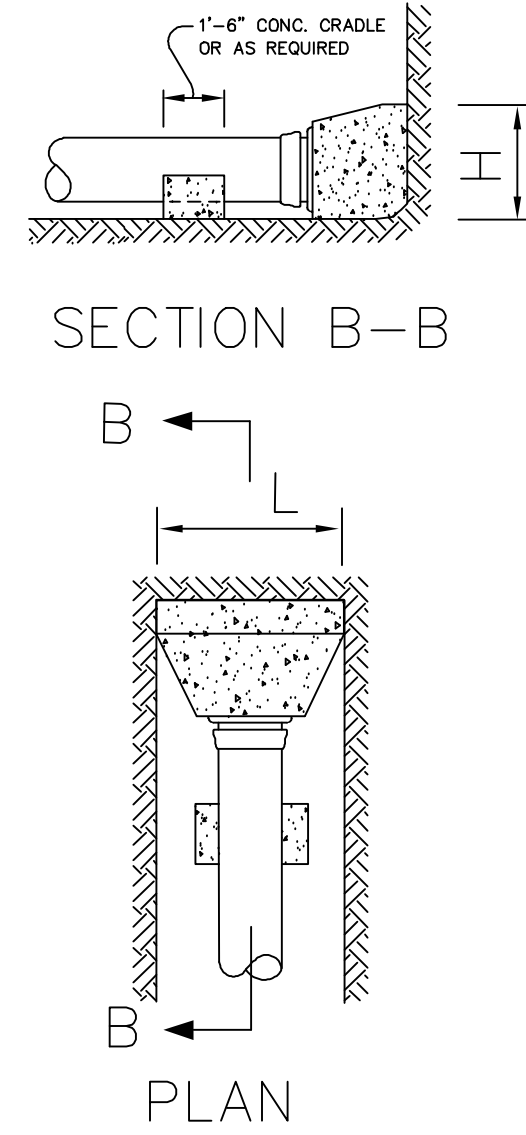
PREPARED FOR:
J&L TERRA HOLDINGS, INC.
 79 EXETER ROAD
 N. HAMPTON, N.H. 03862

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



PIPE DIA. (IN.)	CONCRETE THRUST BLOCK DIMENSIONS							
	TEE		90° BEND OR ELBOW		45° BEND		22.5° BEND	
	H	L	H	L	H	L	H	L
4" / 6"	1'-6"	1'-6"	1'-6"	2'-0"	1'-6"	1'-6"	1'-6"	1'-6"
8"	2'-0"	2'-0"	2'-0"	3'-0"	1'-6"	2'-0"	1'-6"	1'-6"
10"	2'-0"	3'-0"	2'-6"	3'-6"	2'-0"	2'-6"	1'-6"	2'-0"
12"	2'-6"	3'-6"	3'-0"	4'-0"	2'-0"	3'-6"	1'-6"	2'-6"
15"	3'-0"	4'-6"	3'-6"	5'-6"	3'-0"	3'-6"	2'-0"	2'-6"
18"	4'-0"	5'-0"	4'-6"	6'-0"	3'-6"	4'-0"	2'-6"	3'-0"
24"	5'-0"	7'-0"	6'-0"	8'-0"	4'-0"	6'-0"	3'-0"	4'-6"

PIPING W/ MECHANICAL JOINT FITTINGS SHALL HAVE RETAINING GLANDS



NOTES

- ORDERED EXCAVATION OF UNSUITABLE MATERIAL BELOW GRADE: REFILL WITH BEDDING MATERIAL. (SEE NOTE 6 ALSO)
 - BEDDING: MINIMUM 12" SAND BLANKET AS SPECIFIED AND REMAINING FILL AS SCREENED GRAVEL AND/OR CRUSHED STONE FREE FROM CLAY, LOAM, ORGANIC MATERIAL AND MEETING ASTM C-33 STONE SIZE No. 67

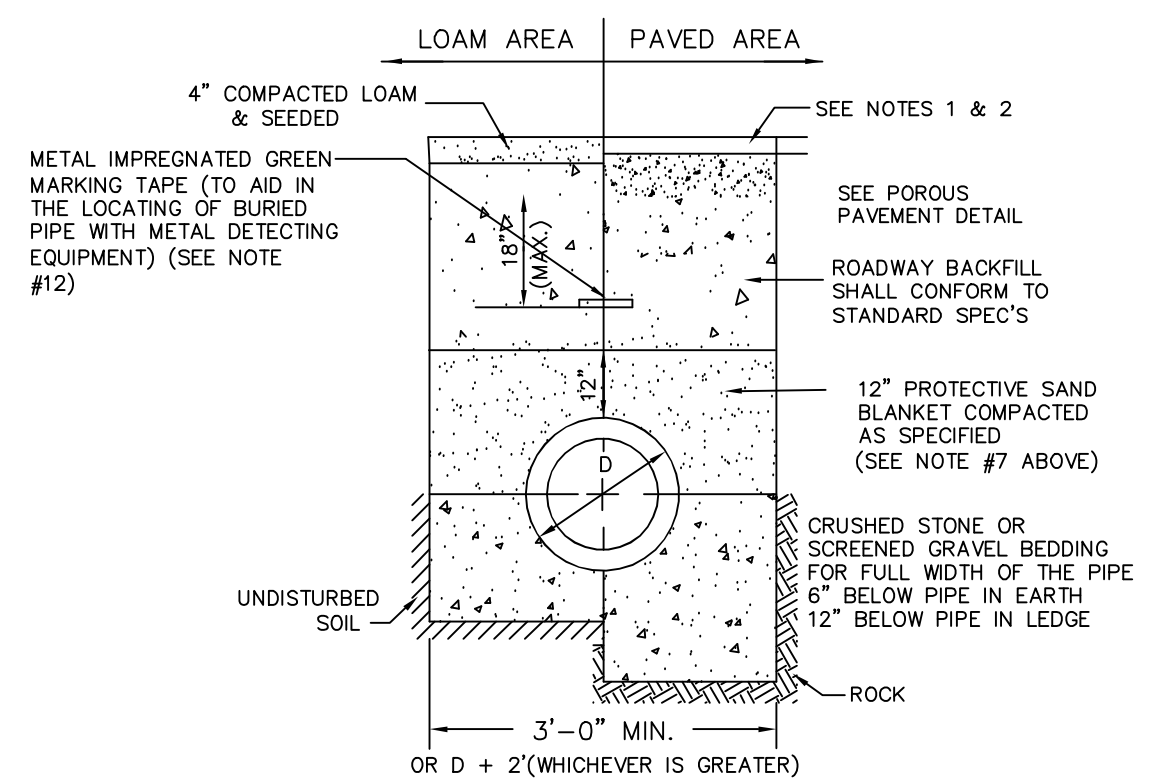
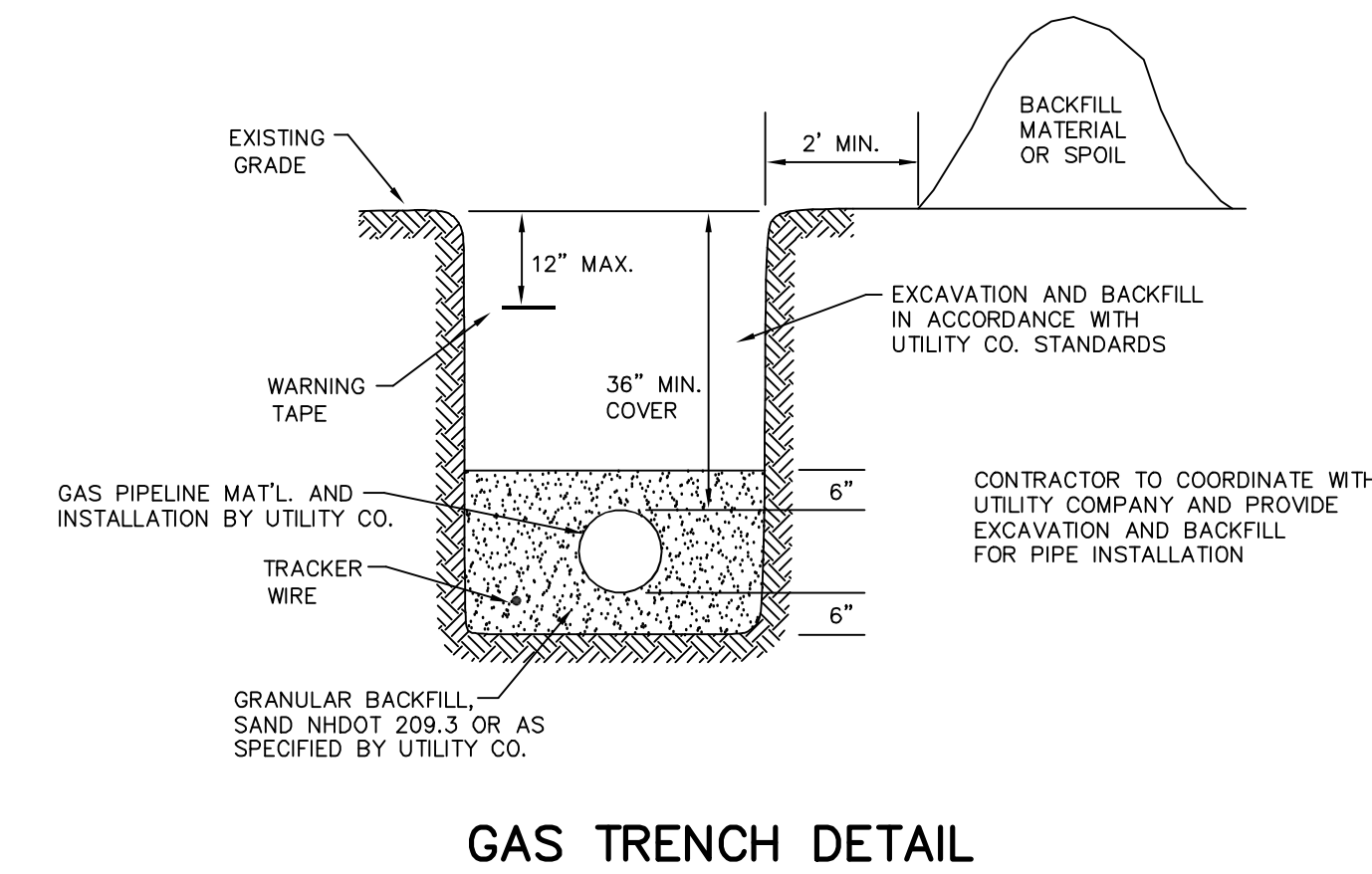
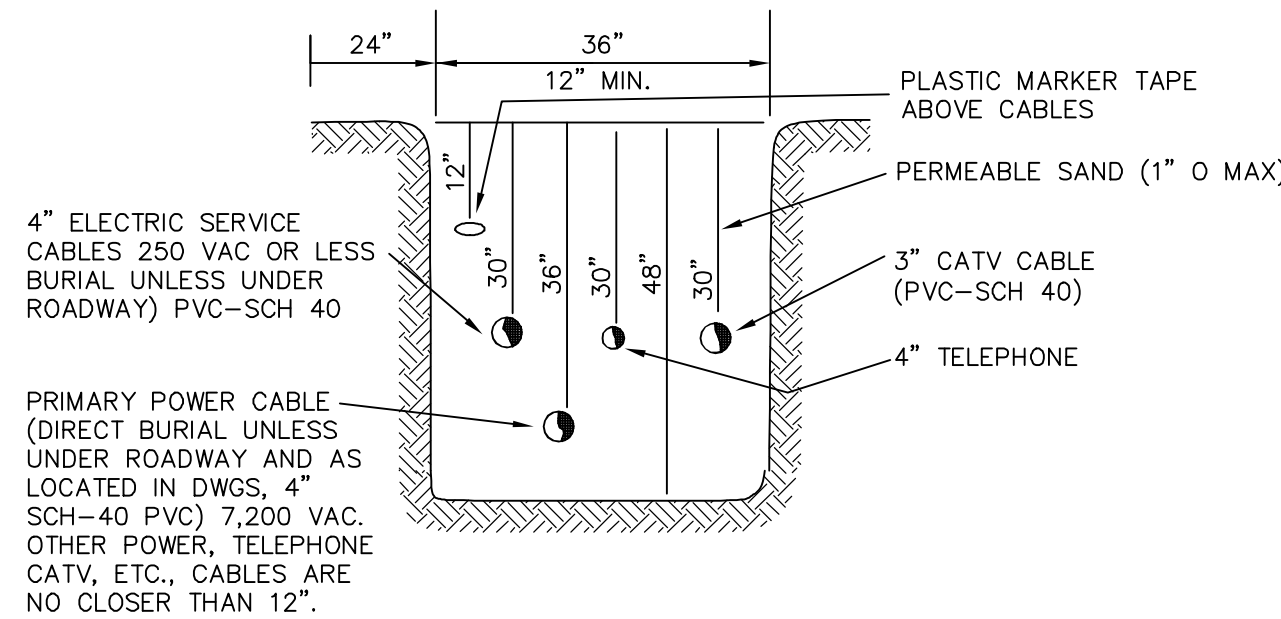
100%	PASSING	1 INCH SCREEN
90-100%	PASSING	3/4 INCH SCREEN
20-50%	PASSING	3/8 INCH SCREEN
0-10%	PASSING	No. 4 SIEVE
0-5%	PASSING	No. 8 SIEVE
- WHERE ORDERED BY THE ENGINEER TO STABILIZE THE TRENCH BASE, GRADED SCREENED GRAVEL OR CRUSHED STONE 3/4 INCH TO 1-1/2 INCH SHALL BE USED.
- SUITABLE MATERIAL IN ROADS, ROAD SHOULDERS, WALKWAYS, AND TRAVELED WAYS: SUITABLE MATERIAL FOR TRENCH BACKFILL SHALL BE THE NATURAL MATERIAL EXCAVATED DURING THE COURSE OF CONSTRUCTION, BUT SHALL EXCLUDE DEBRIS, PIECES OF PAVEMENT, ORGANIC MATTER, TOP SOIL, ALL WET OR SOFT MUCK, PEAT OR CLAY, ALL EXCAVATED LEDGE MATERIAL, AND ALL ROCKS OVER SIX INCHES IN LARGEST DIMENSION.
 - FOR CROSS COUNTRY CONSTRUCTION: BACKFILL OR FILL SHALL BE MOUND TO A HEIGHT OF 6 INCHES ABOVE THE ORIGINAL GROUND SURFACE.

SEPERATION NOTES:

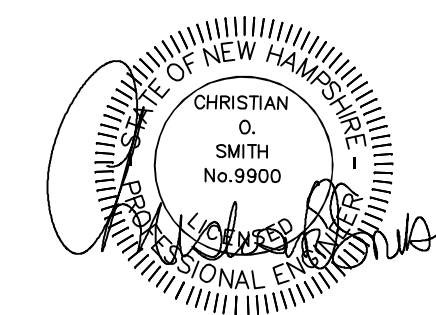
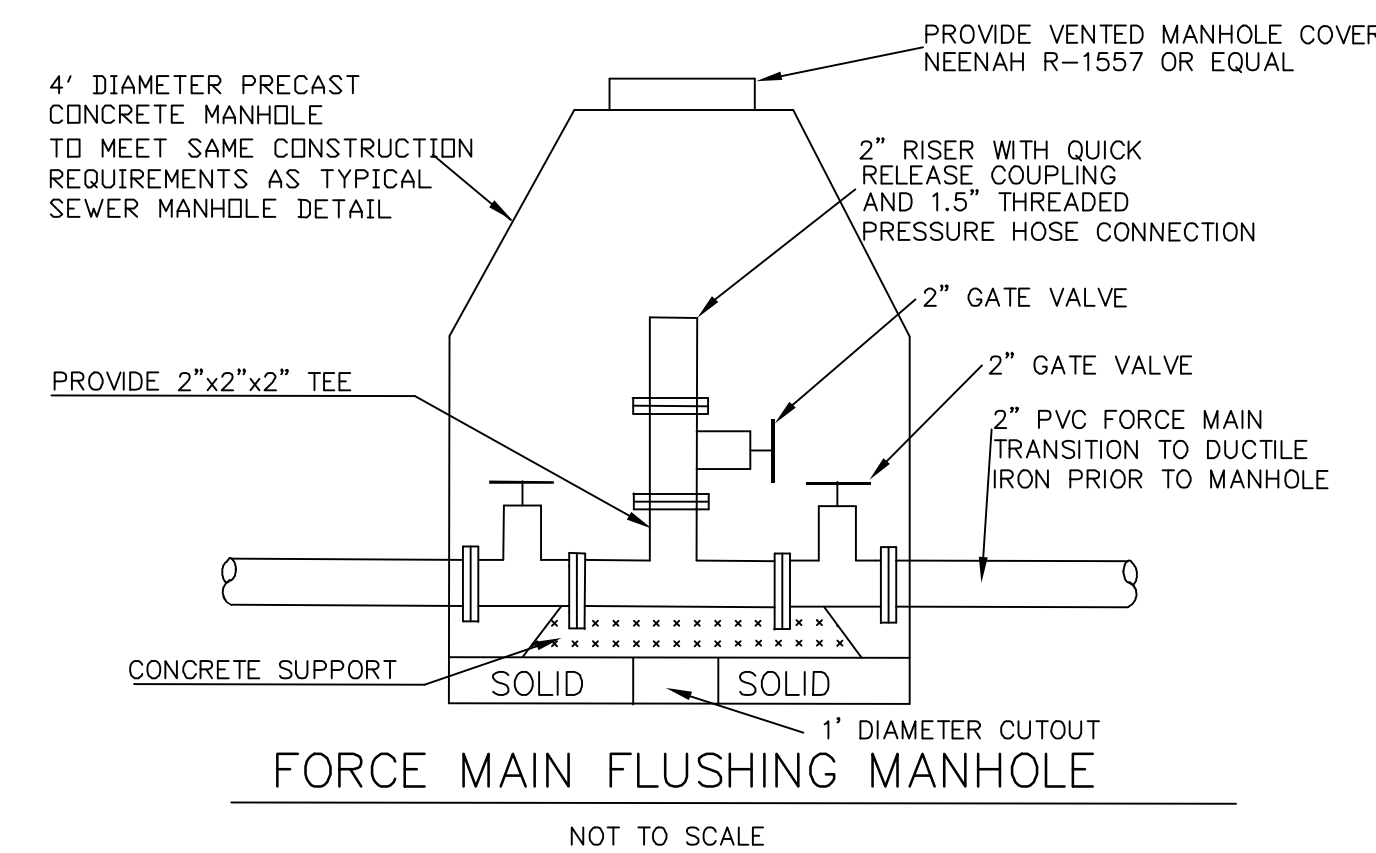
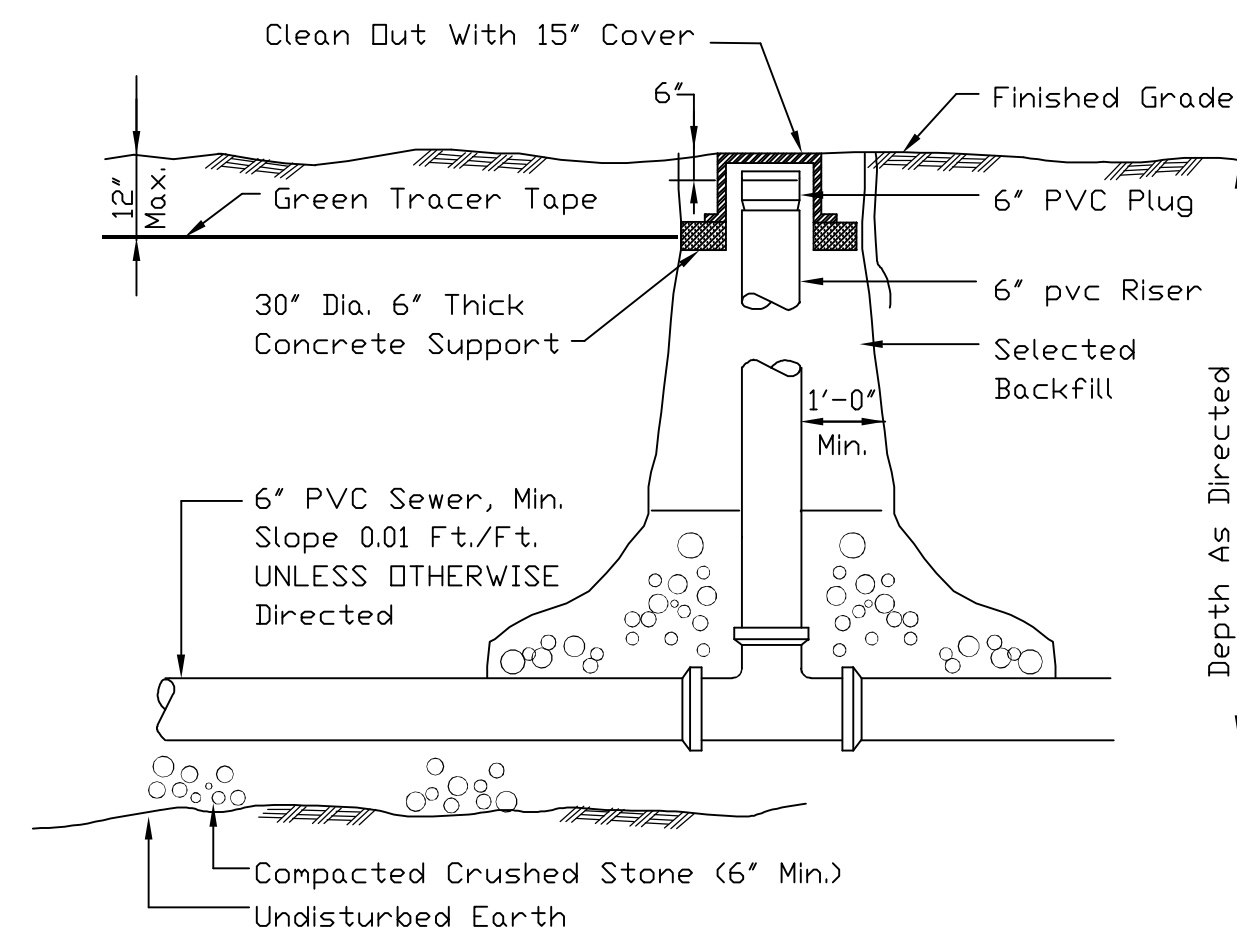
- WATER MAIN RELATIONS TO SHALL BE IN ACCORDANCE WITH THE "RECOMMENDED STANDARDS FOR WATER WORKS" SO-CALLED TEN STATE STANDARDS AND NEW HAMPSHIRE WATER SUPPLY AND POLLUTION CONTROL DESIGN STANDARDS.
- WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWERS. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. IF THIS DISTANCE CANNOT BE OBTAINED, THEN THE PIPES SHALL BE INSTALLED IN A SEPERATE TRENCH WITH A VERTICAL SEPERATION AT LEAST 18 INCHES APART.

NOTE: ALL UTILITIES SHALL BE REVIEWED AND APPROVED BY APPROPRIATE UTILITY COMPANY.

SERVICE BOX CONNECTIONS SHALL BE "FLUSH MOUNT" TO GREATEST EXTENT POSSIBLE AND LOCATED AT PROPERTY LINE CORNERS.



- NOTE:
- PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS.
 - NEW ROADWAY CONSTRUCTION SHALL CONFORM TO SUBDIVISION SPEC'S.



REVISIONS:	DATE:

UTILITY DETAILS

PLAN FOR:
 RESIDENTIAL DEVELOPMENT
 ROUTE 9
 BARRINGTON, NH

DATE:	AUG. 2020	SCALE	1" = 40'
PROJ. NO:	NH-1263	SHEET NO.	13 OF 15

PREPARED FOR:

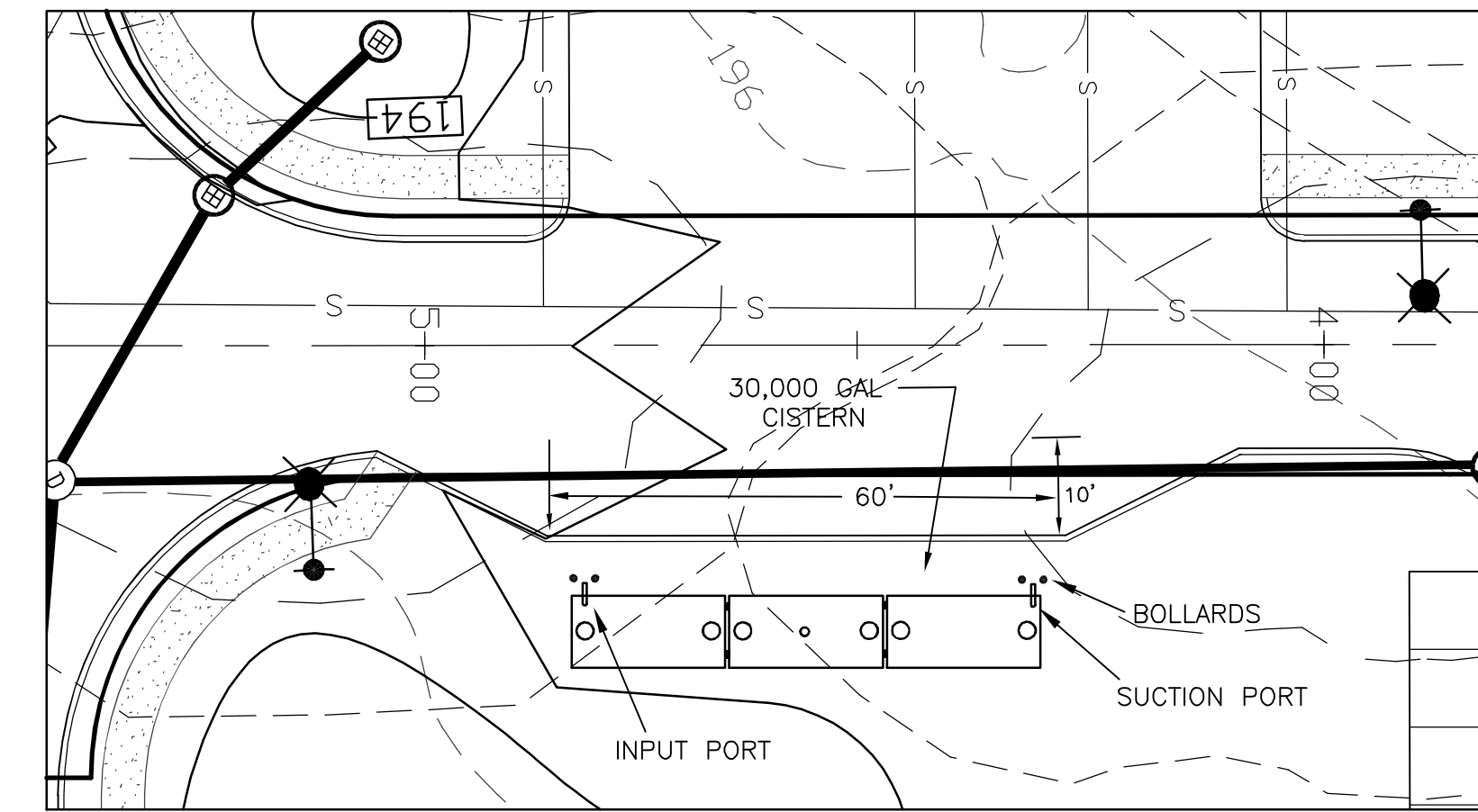
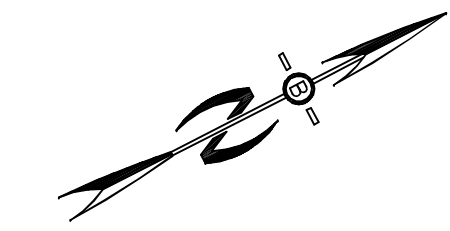
J&L TERRA HOLDINGS, INC.
79 EXETER ROAD
N. HAMPTON, N.H. 03862

BEALS ASSOCIATES PLLC

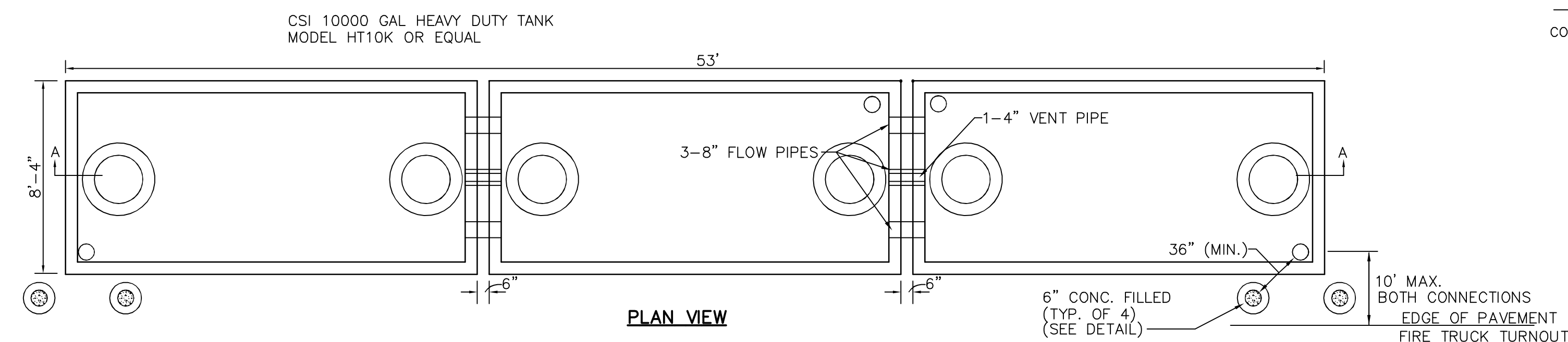
70 PORTSMOUTH AVE. STRATHAM, N.H. 03885
PHONE: 603-583-4860, FAX: 603-583-4863

CISTERN SPECIFICATIONS

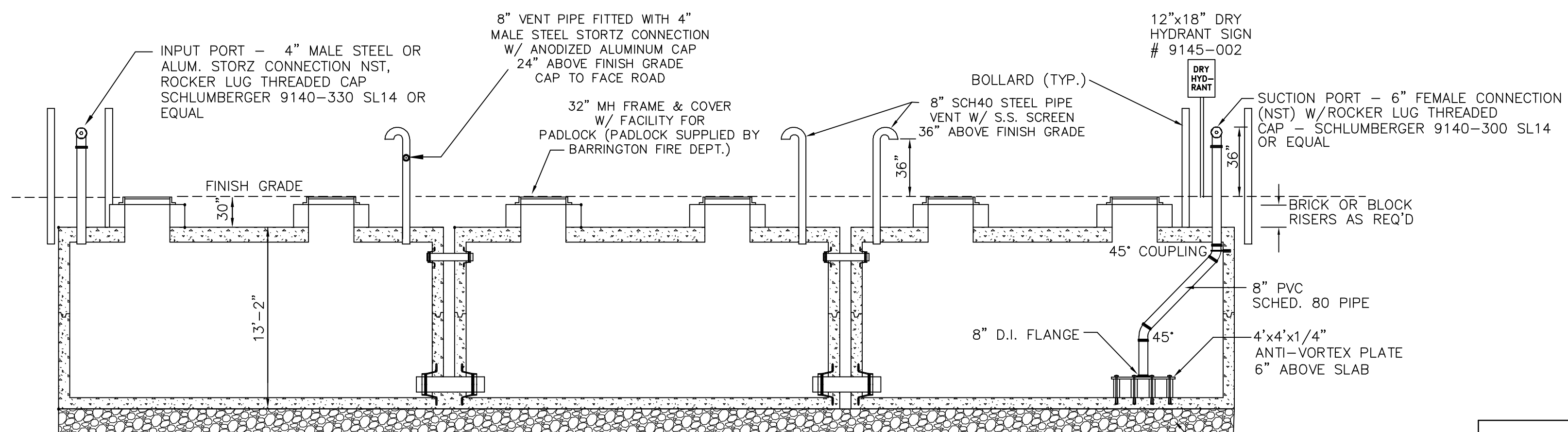
1. THE CISTERN SHALL BE DESIGNED TO BE TROUBLE FREE, AND IT SHALL BE DESIGNED TO LAST 50 YEARS.
2. THE MINIMUM CAPACITY SHALL BE 10,000 GALLONS, DEPENDING ON THE DEVELOPMENT LAYOUT/CONFIGURATION, ADDITIONAL GALLON REQUIREMENTS MAY BE IMPOSED AT THE DISCRETION OF THE FIRE CHIEF. ALL EXCEPTIONS, ADDITIONS, 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 INTALLED INTO THE EIGHT INCH VENT WITH 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 FROST LINE. THE UPPER PORTION OF THE BOLLARDS SHALL EXTEND THIRTY SIX INCHES ABOVE 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.



CISTERN SITE PLAN
SCALE: 1"=20'



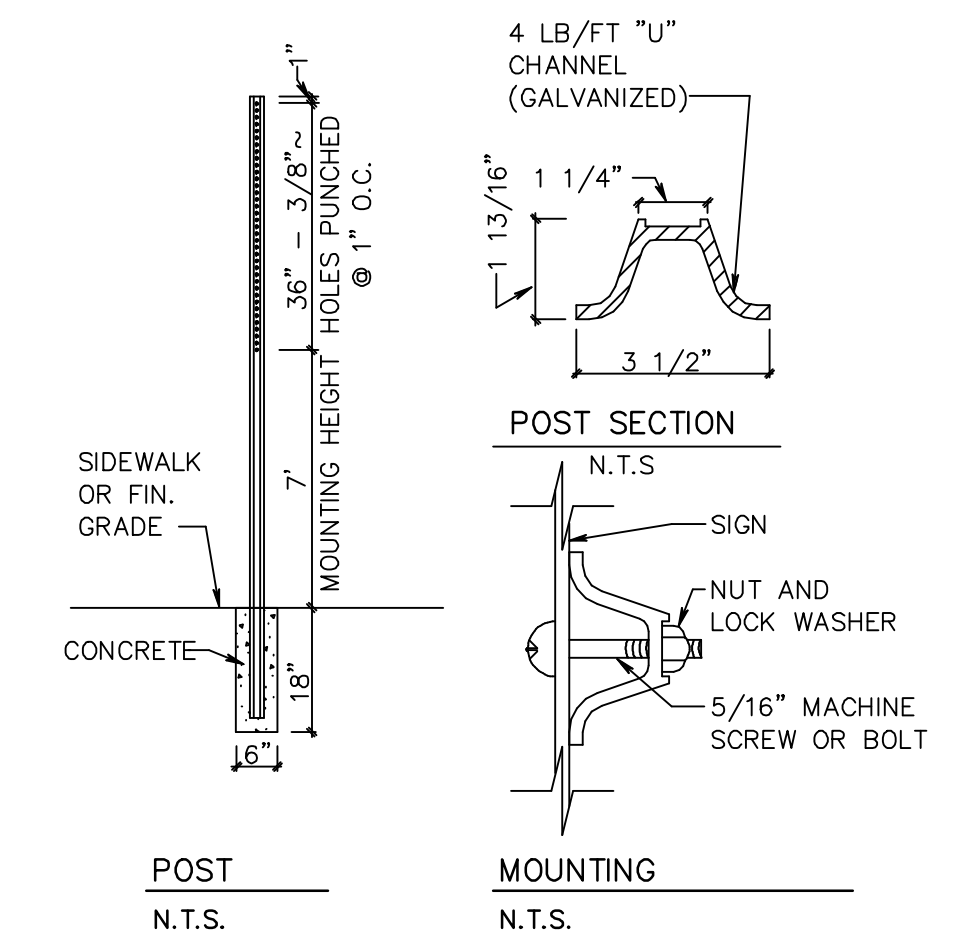
PLAN VIEW



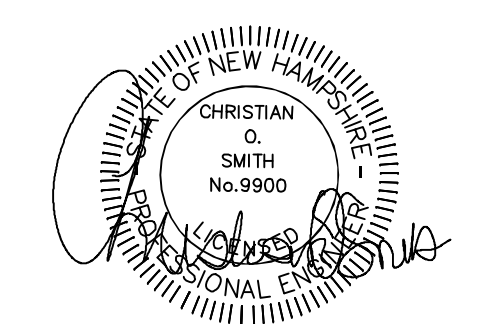
SECTION A-A

- 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.

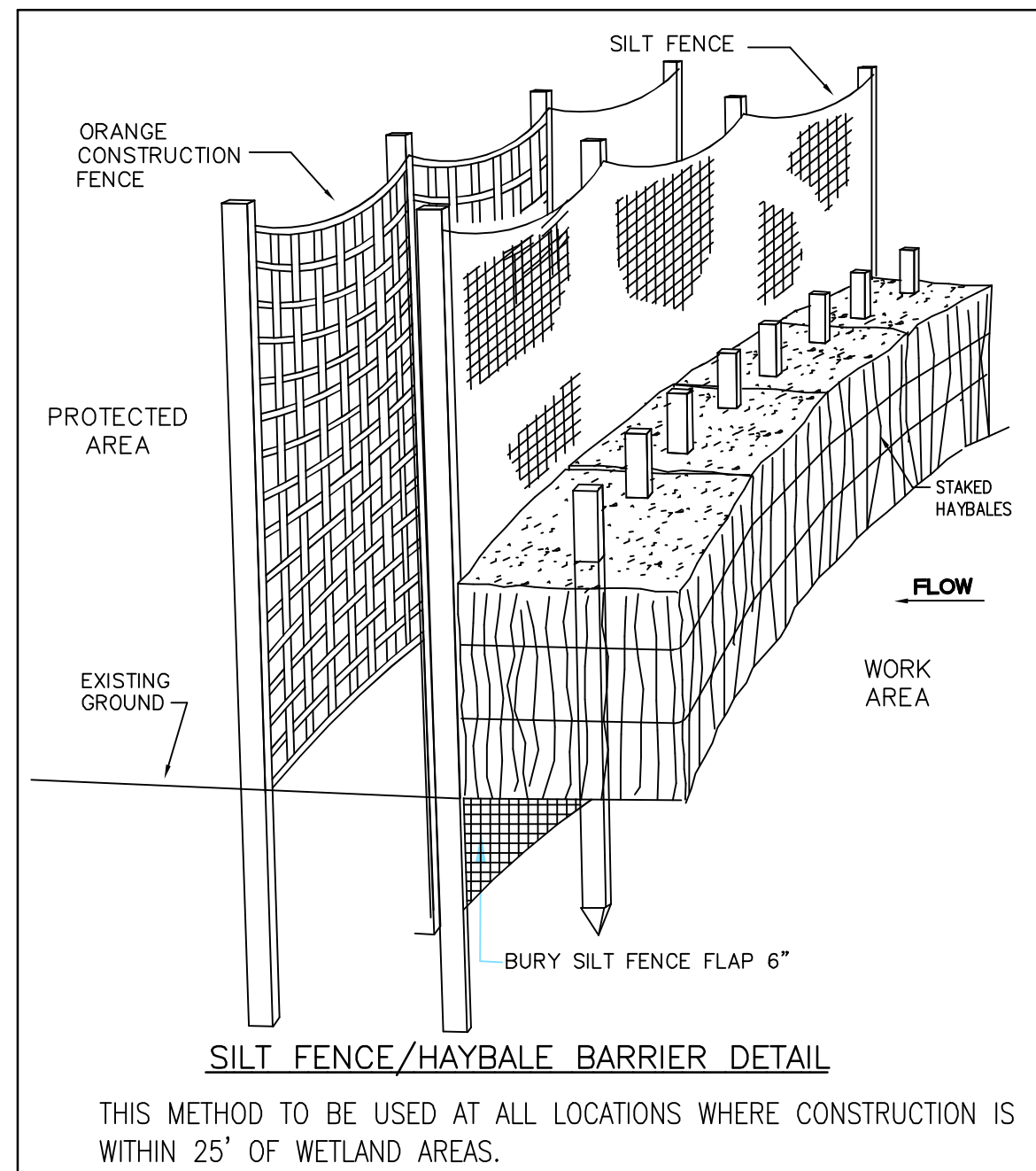
PROPOSED 30,000 GAL. FIRE CISTERN DETAIL
NOT TO SCALE



STREET SIGN DETAIL
STOP SIGN (R1-1) 30" x 30"
SPEED LIMIT SIGN (R2-1) 24" x 30"



REVISIONS:	DATE:
FIRE CISTERN DETAILS	
PLAN FOR: RESIDENTIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH	
DATE: AUG. 2020	SCALE: NTS
PROJ. NO: NH-1263	SHEET NO. 14 OF 15



TEMPORARY EROSION CONTROL MEASURES

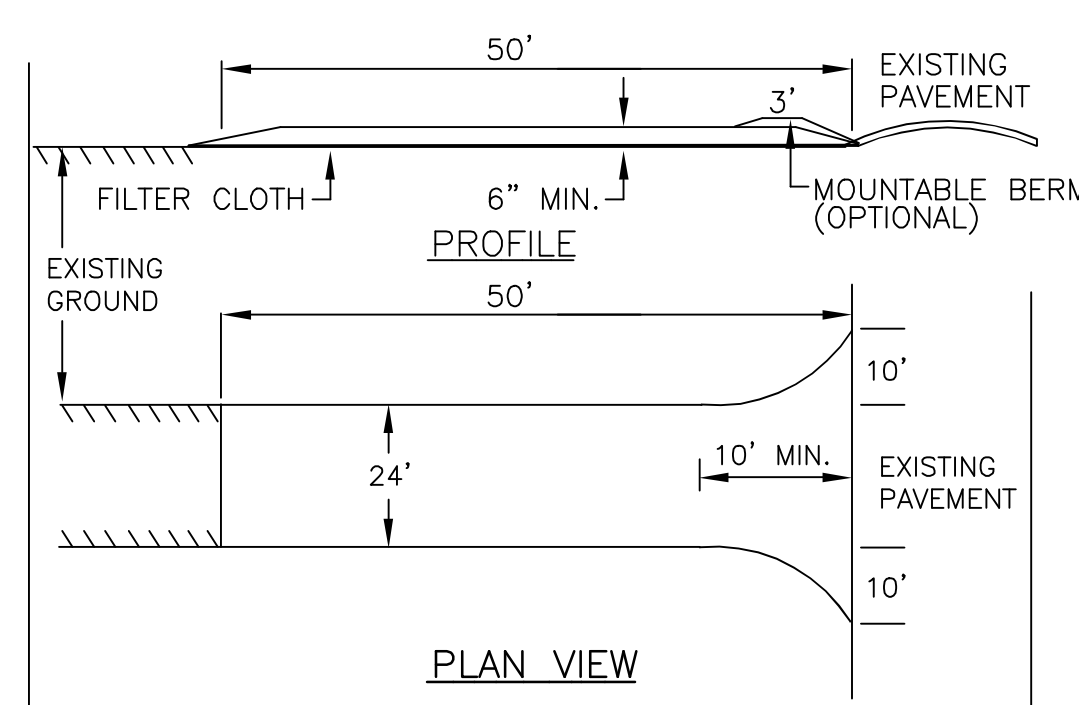
1. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT NO MORE THAN 5 ACRES OF LAND SHALL BE EXPOSED BEFORE DISTURBED AREAS ARE STABILIZED*.
 2. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED OR DIRECTED BY THE ENGINEER. ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS.
 3. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN 1.10 POUNDS OF SEED PER 1000 SQUARE FEET OF AREA. (48 POUNDS PER ACRE) SEE SEED SPECIFICATIONS THIS SHEET.
 4. 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.
 5. 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.
 6. AREAS MUST BE SEEDED AND MULCHED WITHIN 3 DAYS OF FINAL GRADING, PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF SOIL.
- * AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
- BASE COURSE GRANULES HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
 - 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

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED.
3. WHEN TIMBER STRUCTURES ARE USED, THE TIMBER SHALL EXTEND AT LEAST 18" INTO THE SOIL.
4. 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.
5. SEEDING, FERTILIZING, AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATED VEGETATIVE BMP.
6. STRUCTURES SHALL BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS BEEN COMPLETED.
7. 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.
8. 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.
9. 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

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



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

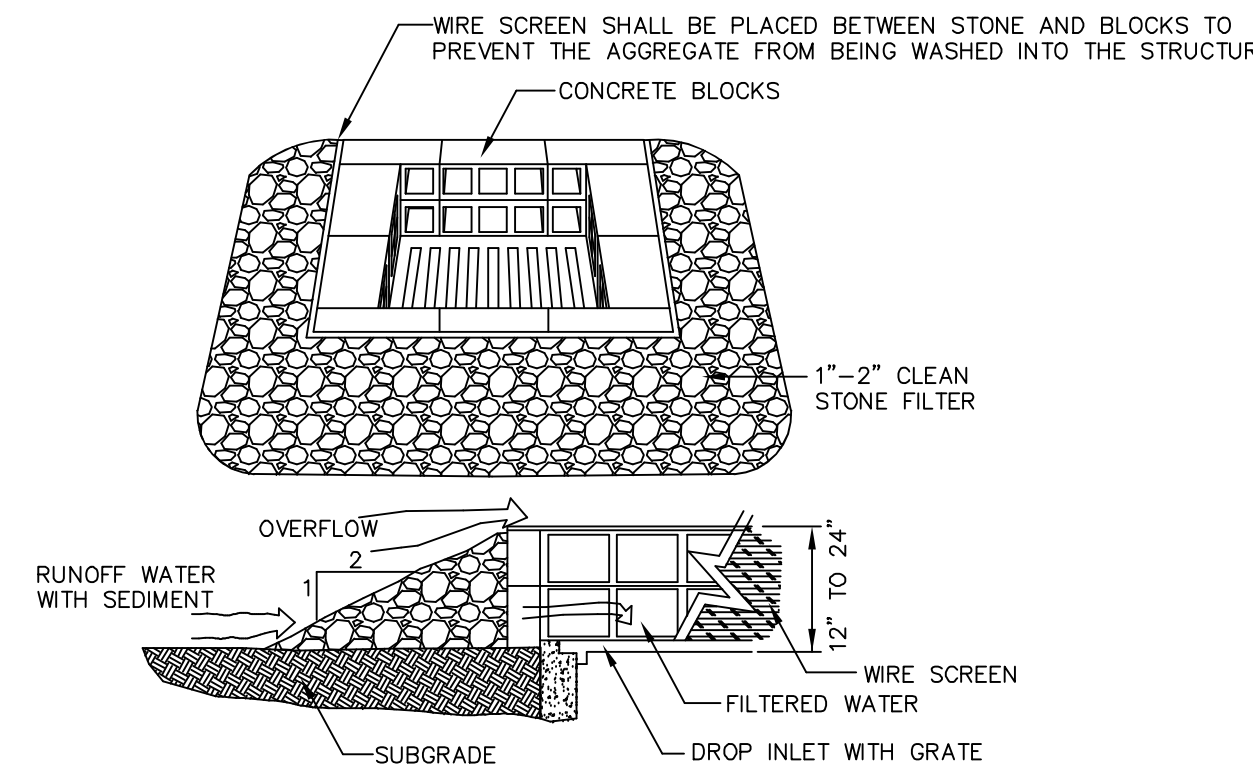
STABILIZED CONSTRUCTION ENTRANCE

WINTER MAINTENANCE

1. 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.
2. 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.
3. 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.
4. 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 PLACED 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

1. 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.
2. 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 MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE 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.
3. 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(N), 50 LBS PER ACRE OR 1. 1 LBS PER 1,000 SQ.FT. PHOSPHATE(P2O5), 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(G-E1 THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE(H-E1 THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWN VETCH, BIRDS FOOT TREFLOIL, 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.
4. 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.
5. 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.

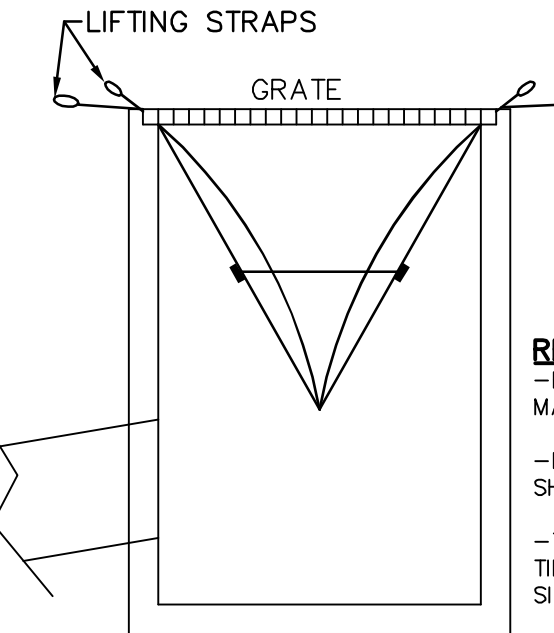


MAINTENANCE NOTE:

1. ALL STRUCTURES SHOULD BE INSPECTED AFTER EVERY RAINFALL AND REPAIRS MADE AS NECESSARY. SEDIMENT SHOULD BE REMOVED FROM TRAPPING DEVICES AFTER THE SEDIMENT HAS REACHED A MAXIMUM OF ONE HALF THE DEPTH OF THE TRAP. THE SEDIMENT SHOULD BE DISPOSED IN A SUITABLE UPLAND AREA AND PROTECTED FROM EROSION BY EITHER STRUCTURE OR VEGETATIVE MEANS. THE TEMPORARY TRAPS SHOULD BE REMOVED AND THE AREA REPAIRED AS SOON AS THE CONTRIBUTING DRAINAGE AREA TO THE INLET HAS BEEN COMPLETELY STABILIZED.

TEMPORARY CATCH BASIN INLET PROTECTION (Block and Gravel Drop Inlet Sediment Filter)

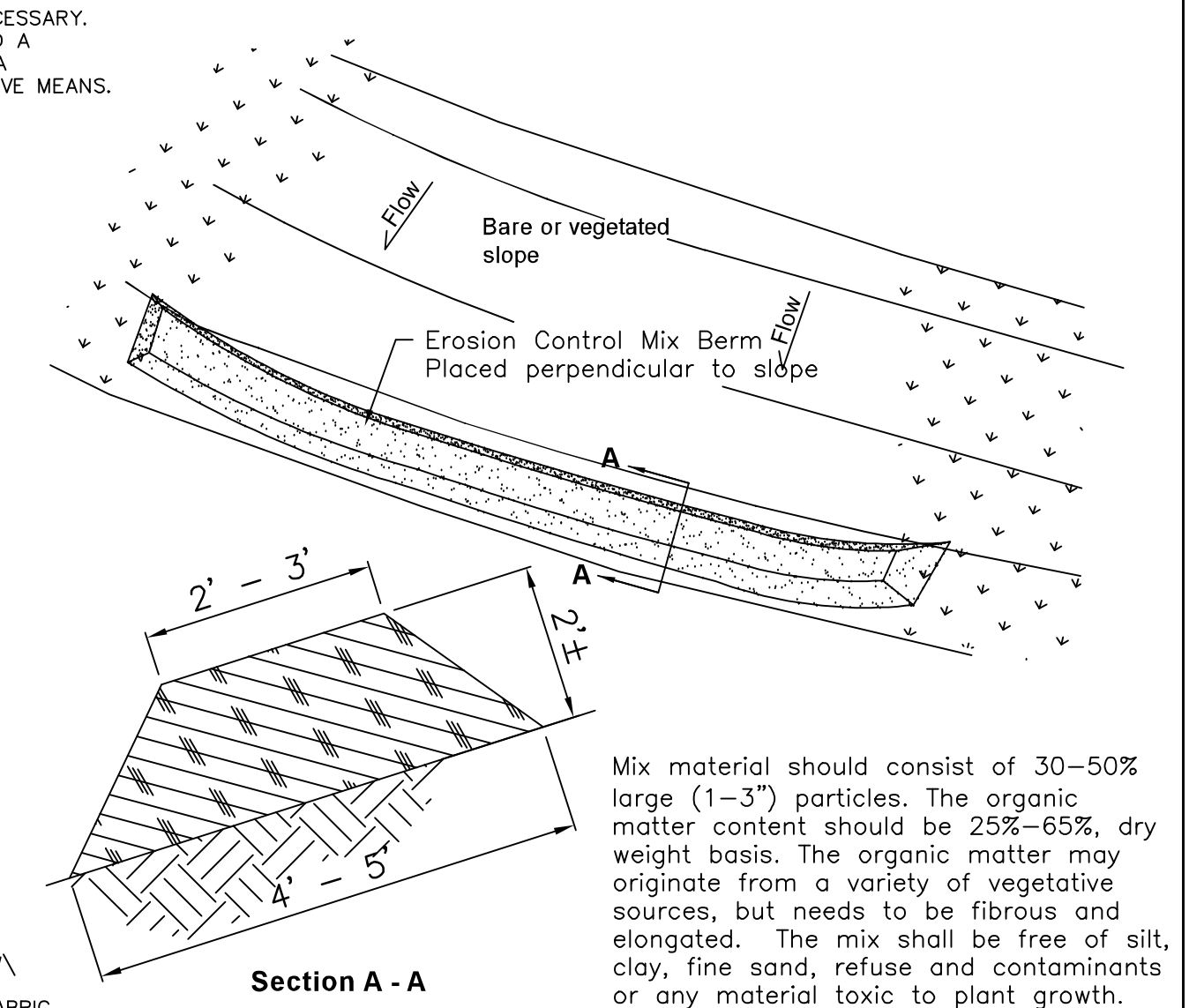
NOT TO SCALE



RECOMMENDED MAINTENANCE SCHEDULE
EACH SILTSACK SHOULD BE INSPECTED AFTER EVERY MAJOR RAIN EVENT
-IF THERE HAVE BEEN NO MAJOR EVENTS, SILTSACK SHOULD BE INSPECTED EVERY 2-3 WEEKS
-THE RESTRAINT CORD SHOULD BE VISIBLE AT ALL TIMES. IF CORD IS COVERED WITH SEDIMENT, THE SILTSACK SHOULD BE EMPTIED.

SILTSACK DETAIL
NOT TO SCALE

EROSION PROTECTION TYPE E



Erosion Control Mix Berm

SEEDING RATES

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
A. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
RED TOP	2	0.05
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREeping RED FESCUE	10	0.25
CROWN VETCH	15	0.35
OR		
FLAT PEA	30	0.75
TOTAL	40 OR 55	0.95 OR 1.35
C. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BIRDS FOOT TREFLOIL	8	0.20
TOTAL	48	1.10
D. TALL FESCUE	20	0.45
FLAT PEA	30	0.75
TOTAL	50	1.20
E. CREeping RED FESCUE 1/2	50	1.15
KENTUCKY BLUEGRASS 1/2	50	1.15
TOTAL	100	2.30
F. TALL FESCUE 1	150	3.60

1/2 FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8". 2. THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF.
5. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
6. SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.

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 AREAS AND DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	GOOD	FAIR
	C	POOR	GOOD	EXCELLENT	GOOD
	D	FAIR	FAIR	EXCELLENT	EXCELLENT
WATERWAYS, EMERGENCY SPILLWAYS AND OTHER CHANNELS WITH FLOWING WATER.	A	GOOD	GOOD	GOOD	FAIR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	D	FAIR	GOOD	GOOD	EXCELLENT
	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	EXCELLENT	EXCELLENT
	C	GOOD	GOOD	EXCELLENT	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-PM-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 OATS 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.

REVISIONS:		DATE:
EROSION & SEDIMENTATION		
PLAN FOR: RESIDENTIAL DEVELOPMENT ROUTE 9 BARRINGTON, NH		
DATE:	AUG. 2020	SCALE NTS
PROJ. NO:	NH-1263	SHEET NO. 15 OF 15