

PLANNING BOARD APPROVAL BLOCK

CONSERVATION SUBDIVISION RAMSDELL WOODS THATCHER WAY TAX MAP 233 - LOT 30 27 RAMSDELL LANE BARRINGTON, NH 03825

SYMBOLS LEGEND

LIST OF DRAWINGS

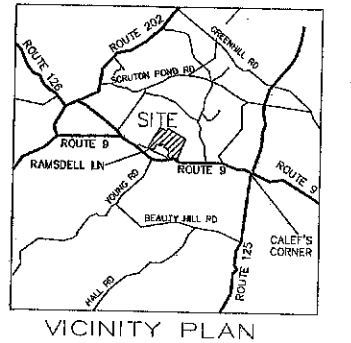
EXISTING SYMBOLS

PROPOSED SYMBOLS

- SOIL BORING - TEST PIT
- UTILITY POLE AND OVERHEAD LINES
- GRADE CONTOUR - 2 FT INTERVAL
- GRADE CONTOUR - 10 FT INTERVAL
- SPOT GRADE
- TREES AND TREELINE
- SIGN
- GRANITE OR CONCRETE BOUND
- IRON PIN OR PIPE
- REBAR
- DRILL HOLE IN STONE WALL
- BENCHMARK
- EDGE OF WETLANDS
- WETLAND CLASSIFICATION CODE
- EASEMENT
- GUARD RAIL
- FLARED END SECTION
- CULVERT & HEADWALL

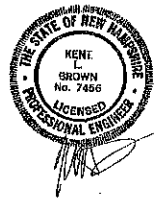
- PROPOSED UNDERGROUND UTILITY
- PROPOSED DRAIN MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED FLARED END SECTION
- PROPOSED CULVERT & HEADWALL
- PROPOSED RIP RAP STONE
- DIRECTION OF DRAINAGE FLOW
- FINISH GRADE SPOT ELEVATION
- PROPOSED TREELINE-LIMIT OF CLEARING
- PROPOSED TEMPORARY SILT FENCE
- PROPOSED BUILDING SETBACK LINE
- PROPOSED GRADE CONTOUR
- PROPOSED SIGN
- PROPOSED WELL
- PROPOSED REBAR
- GRANITE OR CONCRETE BOUND
- IRON PIN OR PIPE
- REBAR

VICINITY PLAN



SHEET NO.	DESCRIPTION
1 OF 22	COVER SHEET
2 OF 22	OVERALL EXISTING CONDITIONS PLAN
3 OF 22	YIELD PLAN
4 OF 22	OVERALL PROPOSED CONDITIONS PLAN
5 OF 22	PROPOSED CONDITIONS PLAN (1"=50')
6 OF 22	OVERALL BOUNDARY PLAN
7 OF 22	BOUNDARY PLAN (1"=60')
8 OF 22	BOUNDARY PLAN (1"=60')
9 OF 22	EASEMENT PLAN
10 OF 22	DRAINAGE PROFILE
11 OF 22	DRAINAGE PROFILE
12 OF 22	PLAN AND PROFILE
13 OF 22	CROSS SECTIONS
14 OF 22	CROSS SECTIONS
15 OF 22	CROSS SECTIONS
16 OF 22	WETLAND CROSSING CROSS SECTION
17 OF 22	SIGHT DISTANCE PLAN
18 OF 22	GENERAL DETAILS
19 OF 22	GENERAL DETAILS
20 OF 22	EROSION CONTROL DETAILS
21 OF 22	CISTERN DETAIL SHEET
22 OF 22	TEST PIT LOGS

PROFESSIONAL CONSULTANTS LIST



ENGINEER: BROWN ENGINEERING & SURVEYING, LLC
KENE L. BROWN, P.E.
683C FIRST NH TURNPIKE
NORTHWOOD, NH 03261

SURVEYOR: BROWN ENGINEERING & SURVEYING, LLC
SCOTT R. FRANKIEWICZ, LLS
683C FIRST NH TURNPIKE
NORTHWOOD, NH 03261

WETLAND SCIENTIST: WEST ENVIRONMENTAL, INC.
MARK WEST, CWS
48 STEVENS HILL ROAD
NOTTINGHAM, NH 03290



OWNER:

GEORGE AND GARY RAMSDELL
27 RAMSDELL LANE
BARRINGTON, NH 03825
BOOK 3803 PAGE 602 (TAX MAP 233 LOT 0030)

APPLICANT:

TUCK REALTY CORP.
34 RAEDER DRIVE
STRATHAM, NH 03885

AGENCY APPROVALS

NHDES WETLAND : 2014-00572 DATED: 5-30-2014
NHDES SUBDIVISION : SA2014010432 DATE: 6-2-2014

PLANNING BOARD
BARRINGTON, NH

- APPROVED -

File Number 233-30-GR-14-Sub

Date 7/2/2014

Chairman



CONTACT DIG SAFE 72 HOURS
PRIOR TO CONSTRUCTION



INITIAL PLAN SET SUBMISSION DATE DECEMBER 11, 2013

Latest revision date:
JUNE 11, 2014

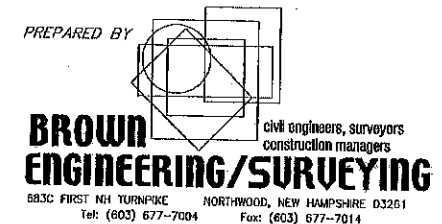
NO.	DATE	DESCRIPTION	BY
4	6-11-14	FINAL PLAN SUBMITTAL	SRF
3	3-23-14	REVISIONS PER TOWN COMMENTS	SRF
2	3-7-14	REVISIONS PER TOWN COMMENTS	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF

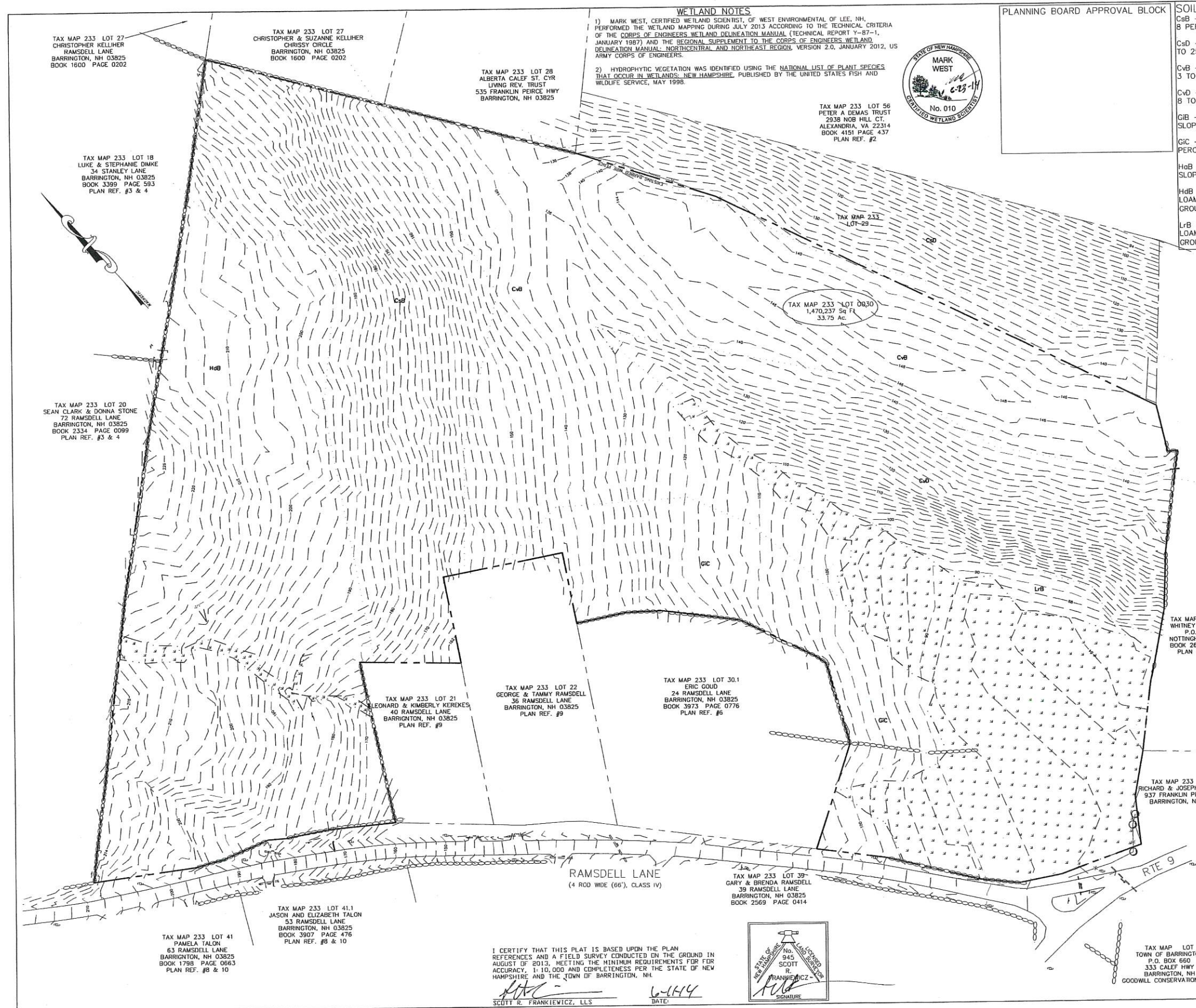
NOTE:

ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON REGULATIONS AND THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION.

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. BROWN ENGINEERING AND SURVEYING, LLC MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY UTILITIES WHETHER THEY BE ABOVE OR BELOW GROUND. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-800-DIG-SAFE (1-800-344-7235).

PREPARED BY





WETLAND NOTES

1) MARK WEST, CERTIFIED WETLAND SCIENTIST, OF WEST ENVIRONMENTAL OF LEE, NH, PERFORMED THE WETLAND MAPPING DURING JULY 2013 ACCORDING TO THE TECHNICAL CRITERIA OF THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987) AND THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL - NORTHEASTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012, US ARMY CORPS OF ENGINEERS.

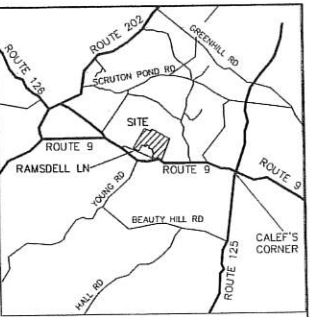
2) HYDROPHYTIC VEGETATION WAS IDENTIFIED USING THE NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NEW HAMPSHIRE, PUBLISHED BY THE UNITED STATES FISH AND WILDLIFE SERVICE, MAY 1998.



TAX MAP 233 LOT 55
PETER A DEWAS TRUST
2938 NOB HILL CT.
ALEXANDRIA, VA 22314
BOOK 4151 PAGE 437
PLAN REF. #2

PLANNING BOARD APPROVAL BLOCK

SOILS
 CdB - CHARLTON, VERY STONY, FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, HYDROLOGICAL SOIL GROUP B
 CbD - CHARLTON, VERY STONY, FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, HYDROLOGICAL SOIL GROUP B
 CvB - CHARLTON, EXTREMELY STONY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, HYDROLOGICAL SOIL GROUP B
 CwD - CHARLTON, EXTREMELY STONY FINE SANDY LOAM, 8 TO 25 PERCENT SLOPES, HYDROLOGICAL SOIL GROUP B
 GIB - GLOUCESTER, FINE SANDY LOAM, 3 TO 8 PERCENT SLOPE, HYDROLOGICAL SOIL GROUP A
 GIC - GLOUCESTER, FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, HYDROLOGICAL SOIL GROUP A
 HdB - HINCKLEY, LOAMY SAND, 3 TO 8 PERCENT SLOPES, HYDROLOGICAL SOIL GROUP A
 HdB - HOLLIS-CHARLTON, VERY ROCKY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, HYDROLOGICAL SOIL GROUP (HOLLIS A, CHARLTON B)
 LfB - LEICESTER-RIDGEBURY VERY STONY, FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, HYDROLOGICAL SOILS GROUP (LEICESTER C, RIDGEBURY C)



VICINITY PLAN

NOTES:

1. PLAN INTENT: TO SUBDIVIDE TAX MAP 233 LOTS 30 INTO 14 LOTS WITH ROADWAY. SUBDIVISION IS INTENDED TO BE A CONSERVATION SUBDIVISION WITH A LARGE PORTION OF THE PROPERTY PLACED IN OPEN SPACE.
2. OWNER OF RECORD: GARY & GEORGE RAMSDELL
27 RAMSDELL LANE
BARRINGTON, NH 03825
TAX MAP 233 LOT 0030 (BOOK 3803 PAGE 602)
3. TOTAL PARCEL AREA: 37.48 ACRES
4. ZONING DISTRICT: NEIGHBORHOOD RESIDENTIAL - NR
HIGH COMMERCIAL DISTRICT OVERLAY (HCO)
CONSERVATION SUBDIVISION REQUIREMENTS:
MINIMUM OVERALL LOT SIZE - 38 ACRES
FRONT SETBACK - 25'
SIDE SETBACK - 20'
REAR SETBACK - 20'
LOT WIDTH AT FRONT SETBACK - 75'
WETLAND SETBACK - 50' (HYDRIC B)
WETLAND SETBACK - 100' (HYDRIC A)
5. THE SUBJECT PARCEL IS LOCATED IN THE FLOOD ZONE "X", (AREAS DETERMINED TO BE OUTSIDE OF 500 YEAR FLOOD ZONE), AS SHOWN ON COMMUNITY PANEL NUMBER 33017C0285D DATED: MAY 17, 2005
6. STATE SUBDIVISION APPROVAL #SA2014010432 DATED: 6-2-2014
WETLANDS PERMIT APPROVAL #2014-00572 DATED: 5-30-14
7. VERTICAL ELEVATION ARE BASED ON AN ASSUMED DATUM.
8. ACCORDING TO TOWN MAPS THERE ARE NO PRIME WETLANDS LOCATED ON THIS PROPERTY.
9. JURISDICTIONAL WETLANDS WERE DELINEATED BY MARK WEST OF WEST ENVIRONMENTAL, INC DURING 7-2013.

**PLANNING BOARD
BARRINGTON, NH
- APPROVED -**
 File Number **233-30-GR-14-Sub**
 Date **7/2/2014**
 Chairman *[Signature]*

- GRADE CONTOUR - 2 FT INTERVAL
- GRADE CONTOUR - 10 FT INTERVAL
- EDGE OF WETLANDS
- STONEWALL
- SCS SOILS

OVERALL EXISTING CONDITIONS PLAN

**RAMSDELL WOODS SUBDIVISION
TAX MAP 233 LOT 30**

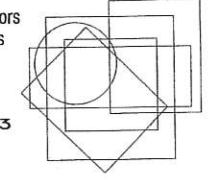
RAMSDELL LANE, BARRINGTON, NEW HAMPSHIRE
 PREPARED FOR: TLUCK REALTY CORP. OWNER OF RECORD: GARY & GEORGE RAMSDELL
 34 RAEDER DRIVE STRATHAM, NH 03885 27 RAMSDELL LANE BARRINGTON, NH 03825

BROWN ENGINEERING & SURVEYING LLC

683 FIRST NH TURNPIKE (RTE 4) NORTHWOOD, NH 03261
 Tel: (603) 677-7004
 Fax: (603) 677-7014
 www.browneengineeringllc.com
 civil engineers, surveyors
 construction managers

Graphic Scale
 80 40 0 80
 SCALE: 1" = 80'
 DECEMBER 11, 2013

REV	DATE	DESCRIPTION	BY
2	6-11-14	FINAL PLAN SUBMITTAL	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF



JOB NO: 4714-03
SHEET 2 OF 22

I CERTIFY THAT THIS PLAN IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN AUGUST OF 2013, MEETING THE MINIMUM REQUIREMENTS FOR ACCURACY, 1:10,000 AND COMPLETENESS PER THE STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

[Signature]
 SCOTT R. FRANKIEWICZ, LLS
 DATE: 6-14-14



TAX MAP LOT
TOWN OF BARRINGTON
P.O. BOX 660
333 CALEF HWY
BARRINGTON, NH
GOODWILL CONSERVATION LAND



**ZONING DISTRICT: NEIGHBORHOOD RESIDENTIAL - NR
HIGH COMMERCIAL DISTRICT OVERLAY (HCO)**

CONSERVATION SUBDIVISION REQUIREMENTS:

MINIMUM OVERALL LOT SIZE -	30 ACRES
FRONT SETBACK -	25'
SIDE SETBACK -	20'
REAR SETBACK -	20'
LOT WIDTH AT FRONT SETBACK -	75'
WETLAND SETBACK -	50' (HYDRIC B)
WETLAND SETBACK -	100' (HYDRIC A)

CONSERVATION LOT SIZE REQUIREMENTS:

MINIMUM LOT SIZE -	20,000 SQ. FT.
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OPEN SPACE REQUIREMENT:

OPEN SPACE -	60% OF OVERALL PARCEL
MUST BE CONTIGUOUS -	75% OF OPEN SPACE

OPEN SPACE PROVIDED - 24.76 ACRES (73.4% OF OVERALL LOT)

WETLANDS IN OPEN SPACE - 4.53 ACRES

SLOPES 25%+ IN OPEN SPACE - 1.62 ACRES

TOTAL USABLE LAND IN OPEN SPACE - 18.51 ACRES (74.8%)

50% OF OPEN SPACE SHOULD BE FREE OF WETLANDS, OPEN WATER, EXPOSED LEDGE, OR OTHER TERRAIN CONDITIONS THAT WOULD NORMALLY BE CONSIDERED OTHERWISE UNDEVELOPABLE

DENSITY CALCULATION:

DEDUCT FROM OVERALL LOT AREA

100% OF ALL SURFACE WATER	0 SQ. FT.
75% OF ALL HYDRIC "A" SOILS	- 74,432 SQ. FT.
50% OF ALL HYDRIC "B" SOILS	- 121,014 SQ. FT.
25% OF SLOPES BETWEEN 15% - 25%	- 108,863 SQ. FT.
100% OF SLOPES GREATER THAN 25%	- 108,863 SQ. FT.
100% OF ALL EXISTING AND PROPOSED STREET RIGHTS OF WAY	- 108,863 SQ. FT.
= NET DEVELOPABLE AREA	1,470,150 SQ. FT.

NET DEVELOPABLE AREA / 60,000 SQ. FT. = NUMBER OF LOTS

OVERALL LOT AREA = 33.75 ACRES OR	1,470,150 SQ. FT.
OPEN WATER = APPROXIMATELY	57,000 SQ. FT.
DEVELOPABLE AREA / 60,000 SQ. FT. =	18.51 LOTS
ALLOWED LOTS =	18 LOTS

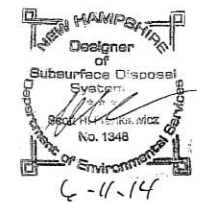
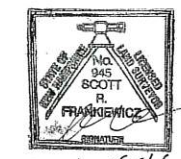
SEE YIELD PLAN - 14 LOTS
14 LOTS * 20% (ALLOWED BONUS) = 17 LOTS
PROPOSED 14 LOT CONSERVATION SUBDIVISION

PLANNING BOARD APPROVAL BLOCK

**PLANNING BOARD
BARRINGTON, NH
- APPROVED -**

File Number 233-30-GR-14-Sub
Date 7/2/2014
Chairman [Signature]

**YIELD PLAN
TAX MAP 233 LOT 30
RAMSDSELL LANE, BARRINGTON, NH 03825**



PREPARED FOR:
TUCK REALTY CORP
34 RAEDER DRIVE
STRATHAM, NH

OWNER OF RECORD:
GARY & GEORGE RAMSDELL
27 RAMSDSELL LANE
BARRINGTON, NH 03825

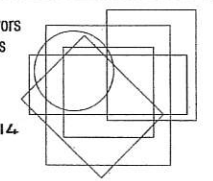
PREPARED BY:
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Tel: (603) 677-7004
Fax: (603) 677-7014
www.browngineeringllc.com

civil engineers, surveyors
construction managers

Graphic Scale
100 50 0
SCALE: 1" = 100'

DATE: 2-17-14

2	6-11-14	FINAL PLAN SUBMITTAL	SRP
REV	DATE	DESCRIPTION	BY



JOB NO: 4714-03
SHEET 3 OF 22

WETLAND NOTES
 1) MARK WEST, CERTIFIED WETLAND SCIENTIST, OF WEST ENVIRONMENTAL OF LEE, NH, PERFORMED THE WETLAND MAPPING DURING JULY 2013 ACCORDING TO THE TECHNICAL CRITERIA OF THE CORPUS OF ENGINEERS WETLAND DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987) AND THE REGIONAL SUPPLEMENT TO THE CORPUS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH CENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012, US ARMY CORPUS OF ENGINEERS.
 2) HYDROPHYTIC VEGETATION WAS IDENTIFIED USING THE NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NEW HAMPSHIRE, PUBLISHED BY THE UNITED STATES FISH AND WILDLIFE SERVICE, MAY 1996.



TAX MAP 233 LOT 27
CHRISTOPHER & SUZANNE KELLHER
RAMSDELL LANE
BARRINGTON, NH 03825
BOOK 1600 PAGE 0202

TAX MAP 233 LOT 27
CHRISTOPHER & SUZANNE KELLHER
CHRISSEY CIRCLE
BARRINGTON, NH 03825
BOOK 1600 PAGE 0202

TAX MAP 233 LOT 28
ALBERTA CALEY SSI OVR
LIVING REV. TRUST
535 FRANKLIN PERCE HWY
BARRINGTON, NH 03825

TAX MAP 233 LOT 56
PETER A DEVAS TRUST
2938 NOB HILL CT.
ALEXANDRIA, VA 22314
BOOK 4151 PAGE 437
PLAN REF. #2

TAX MAP 233 LOT 18
LUKE & STEPHANE DUKE
34 STANLEY LANE
BARRINGTON, NH 03825
BOOK 3399 PAGE 593
PLAN REF. #3 & 4

TAX MAP 233 LOT 20
SEAN CLARK & DONNA STONE
72 RAMSDELL LANE
BARRINGTON, NH 03825
BOOK 2334 PAGE 0089
PLAN REF. #3 & 4

TAX MAP 233 LOT 21
LEONARD & KIMBERLY KEREKES
10 RAMSDELL LANE
BARRINGTON, NH 03825
PLAN REF. #9

TAX MAP 233 LOT 22
GEORGE & TAMMY RAMSDELL
36 RAMSDELL LANE
BARRINGTON, NH 03825
PLAN REF. #9

TAX MAP 233 LOT 30.1
ERIC GUD
24 RAMSDELL LANE
BARRINGTON, NH 03825
BOOK 3873 PAGE 0776
PLAN REF. #9

TAX MAP 233 LOT 32
WHITNEY SCOTT, TRUST
P.O. BOX 599
NOTHINGHAM, NH 03829
BOOK 2857 PAGE 507
PLAN REF. #1 & 5

TAX MAP 233 LOT 31
RICHARD & JOSEPH MELANSON
937 FRANKLIN PERCE HWY
BARRINGTON, NH 03825

TAX MAP 233 LOT 39
GARY & BRENDA RAMSDELL
36 RAMSDELL LANE
BARRINGTON, NH 03825
BOOK 2569 PAGE 0414

TAX MAP 233 LOT 41
PAMELA TALON
63 RAMSDELL LANE
BARRINGTON, NH 03825
BOOK 1795 PAGE 0963
PLAN REF. #8 & 10

TAX MAP 233 LOT 41.1
JASON AND ELIZABETH TALON
53 RAMSDELL LANE
BARRINGTON, NH 03825
BOOK 5907 PAGE 436
PLAN REF. #8 & 10

I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN AUGUST OF 2013, MEETING THE MINIMUM REQUIREMENTS FOR ACCURACY, 1:10,000 AND COMPLETENESS PER THE STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

SCOTT R. FRANKIEWICZ, LLS
DATE: 6-11-14

**ZONING DISTRICT: NEIGHBORHOOD RESIDENTIAL - NR
HIGH COMMERCIAL DISTRICT OVERLAY (HCO)**

CONSERVATION SUBDIVISION REQUIREMENTS:
 MINIMUM OVERALL LOT SIZE - 30 ACRES
 FRONT SETBACK - 25'
 SIDE SETBACK - 25'
 REAR SETBACK - 25'
 LOT WIDTH AT FRONT SETBACK - 75'
 WETLAND SETBACK - 50' (HYDRIC B)
 WETLAND SETBACK - 100' (HYDRIC A)

CONSERVATION LOT SIZE REQUIREMENTS:
 MINIMUM LOT SIZE - 20,000 SQ. FT.

OPEN SPACE REQUIREMENT:
 OPEN SPACE - 68% OF OVERALL PARCEL
 MUST BE CONTIGUOUS - 75% OF OPEN SPACE

OPEN SPACE PROVIDED:
 WETLANDS IN OPEN SPACE - 24.78 ACRES (73.4% OF OVERALL LOT)
 SLOPES 25%+ IN OPEN SPACE - 4.63 ACRES
 TOTAL USEABLE LAND IN OPEN SPACE - 18.01 ACRES (74.8%)

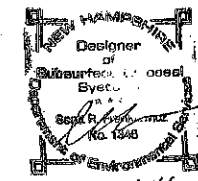
60% OF OPEN SPACE SHOULD BE FREE OF WETLANDS, OPEN WATER, EXPOSED LEDGE, OR OTHER TERRAIN CONDITIONS THAT WOULD NORMALLY BE CONSIDERED OTHERWISE UNDEVELOPABLE.

DENSITY CALCULATION:
 DEDUCT FROM OVERALL LOT AREA
 100% OF ALL SURFACE WATER
 75% OF ALL HYDRIC "A" SOILS
 50% OF ALL HYDRIC "B" SOILS
 25% OF SLOPES BETWEEN 15% - 25%
 100% OF SLOPES GREATER THAN 25%
 100% OF ALL EXISTING AND PROPOSED STREET RIGHTS OF WAY
 = NET DEVELOPABLE AREA

NET DEVELOPABLE AREA / 60,000 SQ. FT. = NUMBER OF LOTS

OVERALL LOT AREA = 33.75 ACRES OR	1,470,150 SQ. FT.
OPEN WATER - APPROXIMATELY	0 SQ. FT.
HYDRIC "A" SOILS	57,000 SQ. FT.
HYDRIC "B" SOILS	148,865 SQ. FT. X 50% =
SLOPES 25%+	74,432 SQ. FT.
SLOPES 15%-25%	121,014 SQ. FT. X 25% =
	30,253 SQ. FT. X 25% =
	105,633 SQ. FT.
TOTAL AREA OF DEVELOPABLE AREA =	1,116,941 SQ. FT.
DEVELOPABLE AREA / 60,000 SQ. FT. =	18.61 LOTS
ALLOWED LOTS =	14
SEE YIELD PLAN - 14 LOTS	
14 LOTS + 20% (ALLOWED BONUS) = 17 LOTS	
PROPOSED 14 LOT CONSERVATION SUBDIVISION	

**PLANNING BOARD
BARRINGTON, NH**
 PLANNING BOARD APPROVAL BLOCK
- APPROVED -
 File Number 233-30-GR-14-Sub
 Date 7/2/2014
 Chairman [Signature]



6-11-14

- LEGEND**
- GRADE CONTOUR - 2 FT INTERVAL
 - GRADE CONTOUR - 10 FT INTERVAL
 - EDGE OF WETLANDS
 - PROPOSED BUILDING SETBACK LINE
 - PROPOSED SEPTIC SETBACK LINE
 - STONEWALL
 - SCS SOILS

OVERALL PROPOSED CONDITIONS
RAMSDELL WOODS SUBDIVISION
TAX MAP 233 LOT 30
 RAMSDELL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR: TUCK REALTY CORP. 34 RAEDER DRIVE, STRATHAM, NH 03885

OWNER OF RECORD: GARY & GEORGE RAMSDELL, 27 RAMSDELL LANE, BARRINGTON, NH 03825

PREPARED BY: **BROWN ENGINEERING & SURVEYING LLC**

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civil engineers, surveyors
 construction managers

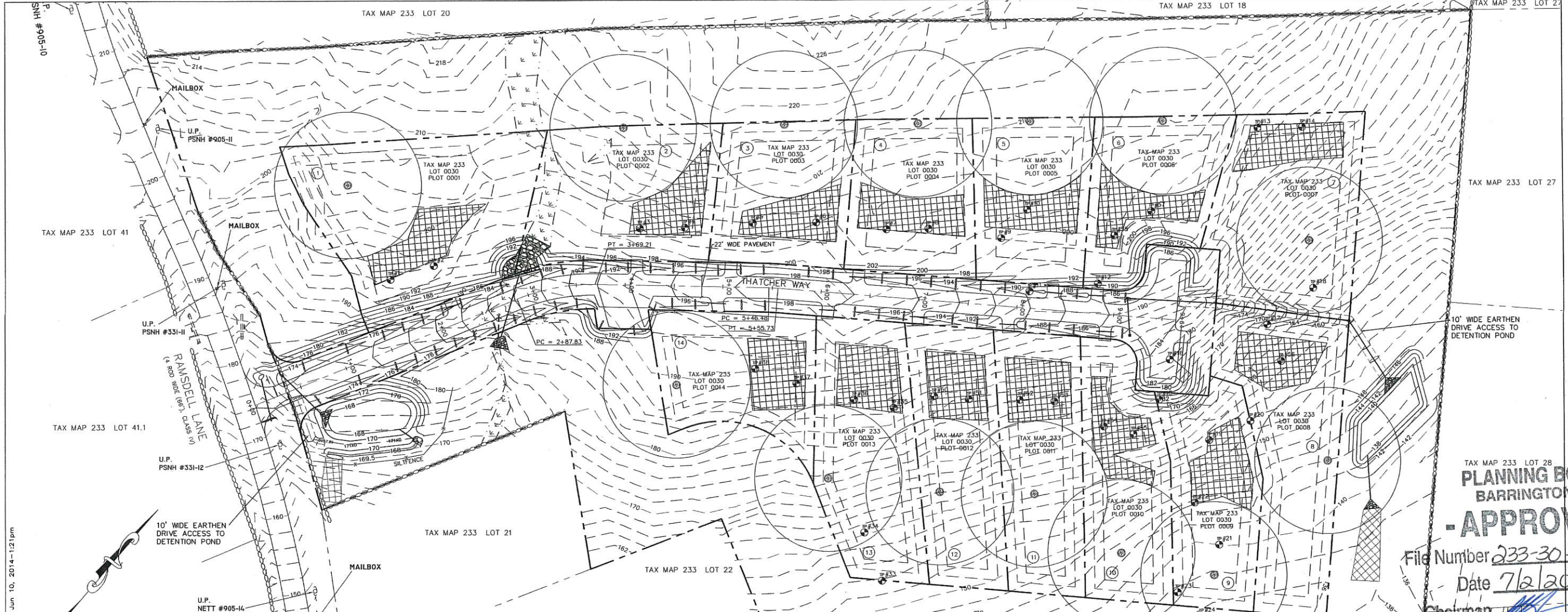
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 80 40 0
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DECEMBER 11, 2013

REV.	DATE	DESCRIPTION	BY
4	6-11-14	FINAL PLAN SUBMITTAL	SRF
3	3-23-14	REVISIONS PER TOWN COMMENTS	SRF
2	3-7-14	REVISIONS PER TOWN COMMENTS	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF

JOB NO: 4714-03
 SHEET 4 OF 22

C:\Users\Projects\2014\14-03 Turner Foster - Ramsdell - Barrington\Gwg Submittal Plan set.dwg Jun 16, 2014 11:20pm



TAX MAP 233 LOT 28
PLANNING BOARD
BARRINGTON, NH
- APPROVED -

File Number 233-30-GB-14-Sub

Date 7/2/2014

Chairman *[Signature]*

LOT LOADING CALCULATIONS

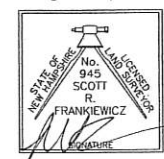
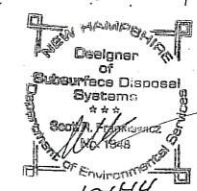
OVERALL LOT AREA:	1,632,193 SQ. FT.
MINUS WETLANDS	214,148 SQ. FT.
TOTAL	1,418,045 SQ. FT.
H4B - HOLLIS-CHARLTON (SOIL GROUP 4, FACTOR 1.45)	348,259 SQ. FT.
MINUS 35%+ SLOPES	0 SQ. FT.
MINUS WELL RADIUS AREA	98,420 SQ. FT.
H4B TOTAL	238,306 SQ. FT.
GALLONS PER DAY	11,027 GPD
C4B - CHARLTON (SOIL GROUP 2, FACTOR 1.3)	233,805 SQ. FT.
MINUS 35%+ SLOPES	7,120 SQ. FT.
MINUS WELL RADIUS AREA	75,817 SQ. FT.
C4B TOTAL	150,868 SQ. FT.
GALLONS PER DAY	5,328 GPD
C4D - CHARLTON (SOIL GROUP 2, FACTOR 1.56)	142,275 SQ. FT.
MINUS 35%+ SLOPES	32,920 SQ. FT.
MINUS WELL RADIUS AREA	0 SQ. FT.
C4D TOTAL	109,355 SQ. FT.
GALLONS PER DAY	3,218 GPD
C4E - CHARLTON (SOIL GROUP 2, FACTOR 1.3)	401,018 SQ. FT.
MINUS 35%+ SLOPES	172 SQ. FT.
MINUS WELL RADIUS AREA	55,380 SQ. FT.
C4E TOTAL	345,446 SQ. FT.
GALLONS PER DAY	12,201 GPD
C4D - CHARLTON (SOIL GROUP 2, FACTOR 1.56)	162,881 SQ. FT.
MINUS 35%+ SLOPES	45,920 SQ. FT.
MINUS WELL RADIUS AREA	0 SQ. FT.
C4D TOTAL	116,961 SQ. FT.
GALLONS PER DAY	3,442 GPD
G1C - GLOUCESTER (SOIL GROUP 1, FACTOR 1.1)	111,715 SQ. FT.
MINUS 35%+ SLOPES	0 SQ. FT.
MINUS WELL RADIUS AREA	0 SQ. FT.
G1C TOTAL	111,715 SQ. FT.
GALLONS PER DAY	4,663 GPD
L4B - LEICESTER-RIDGEBURY (SOIL GROUP 5, FACTOR 3.0)	18,092 SQ. FT.
MINUS 35%+ SLOPES	480 SQ. FT.
MINUS WELL RADIUS AREA	0 SQ. FT.
L4B TOTAL	17,612 SQ. FT.
GALLONS PER DAY	269 GPD
TOTAL GALLONS PER DAY REQUIRED 14 LOTS X 4 BEDROOMS X 150 GPD/BEDROOM	= 8,400 GPD
TOTAL GALLONS PER DAY DETERMINED BY LOT LOADING CALCULATIONS	= 40,148 GPD

PLANNING BOARD APPROVAL BLOCK



LEGEND

- GRADE CONTOUR - 2 FT INTERVAL
- GRADE CONTOUR - 10 FT INTERVAL
- EDGE OF WETLANDS
- PROPOSED BUILDING SETBACK LINE
- PROPOSED SEPTIC SETBACK LINE
- STONEWALL
- SCS SOILS



WETLAND NOTES

1) MARK WEST, CERTIFIED WETLAND SCIENTIST, OF WEST ENVIRONMENTAL OF LEE, NH, PERFORMED THE WETLAND MAPPING DURING JULY 2013 ACCORDING TO THE TECHNICAL CRITERIA OF THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987) AND THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHEASTERN AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012, BY ARMY CORPS OF ENGINEERS.

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[Signature]
 SCOTT R. FRANKIEWICZ, LLS
 DATE: 6-11-14

OVERALL PROPOSED CONDITIONS
RAMSDELL WOODS SUBDIVISION
TAX MAP 233 LOT 30

RAMSDELL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR:
TUCK REALTY CORP.
 34 RAEDER DRIVE
 STRATHAM, NH 03885

OWNER OF RECORD:
GARY & GEORGE RAMSDELL
 27 RAMSDELL LANE
 BARRINGTON, NH 03825

BROWN ENGINEERING & SURVEYING LLC

683 FIRST NH TURNPIKE (RTE 4)
 NORTHWOOD, NH 03261
 Tel: (603) 677-7004
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civil engineers, surveyors
 construction managers

Graphic Scale
 50 25 0 50
 DECEMBER 11, 2013

REV.	DATE	DESCRIPTION	BY
4	6-11-14	FINAL PLAN SUBMITTAL	SRF
3	3-23-14	REVISIONS PER TOWN COMMENTS	SRF
2	3-7-14	REVISIONS PER TOWN COMMENTS	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF

JOB NO: 4714-03
 SHEET 5 OF 22

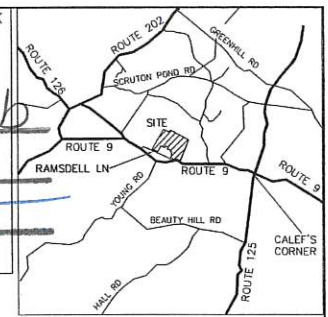
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-APPROVED-

File Number **233-30-GR-14-Sub**

Date **7/2/2014**

Chairman *[Signature]*



VICINITY PLAN

I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN AUGUST OF 2013, MEETING THE MINIMUM REQUIREMENTS FOR FOR ACCURACY, 1:10,000 AND COMPLETENESS PER THE STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

SCOTT R. FRANKIEWICZ, LLS

6-20-14 DATE

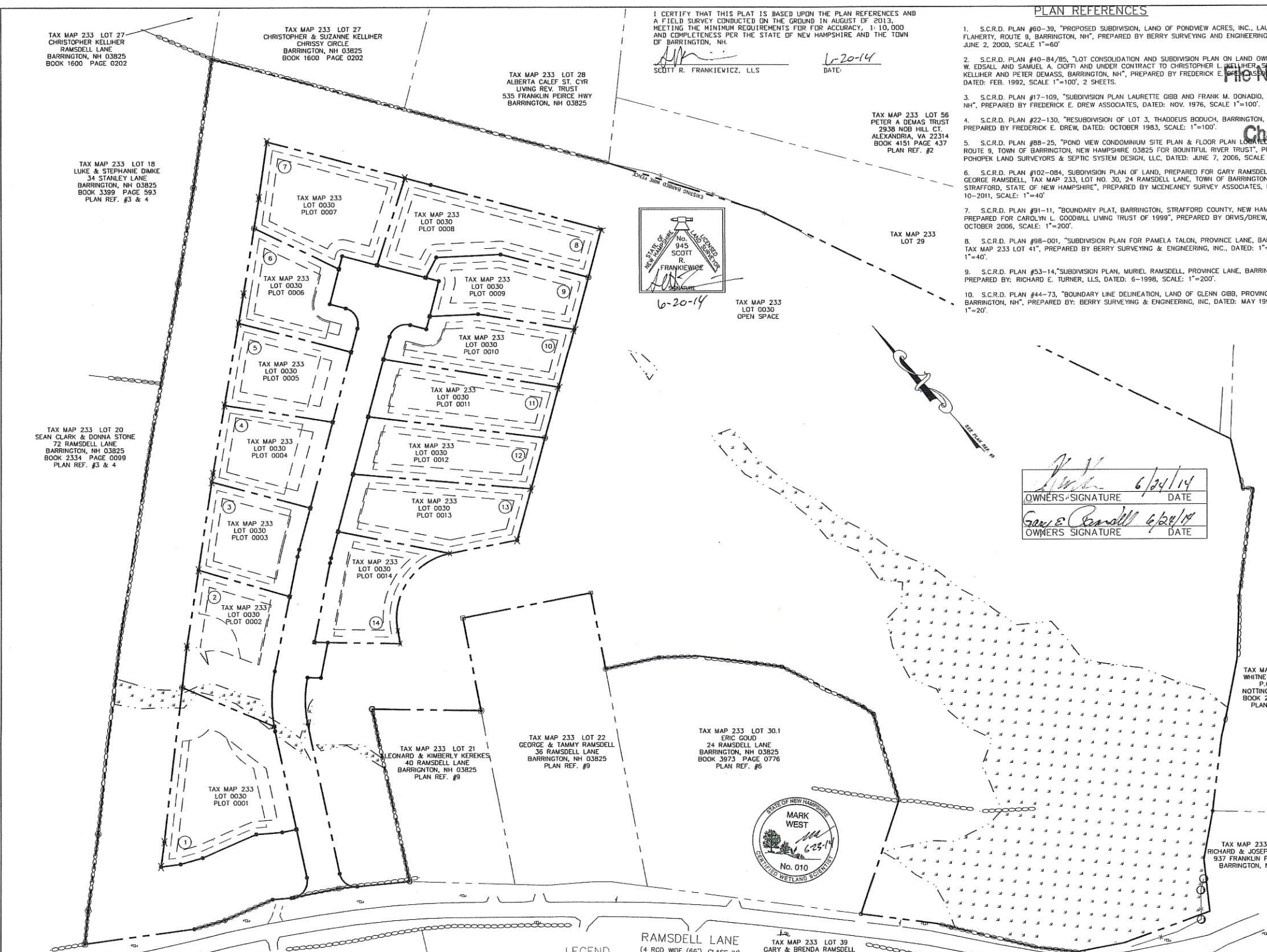
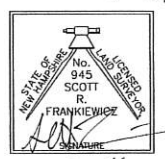
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- 10. S.C.R.D. PLAN #44-73, "BOUNDARY LINE DELINEATION, LAND OF GLENN GIBB, PROVINCE LANE, BARRINGTON, NH", PREPARED BY: BERRY SURVEYING & ENGINEERING, INC, DATED: MAY 1994, SCALE: 1"=20'.

NOTES:

- 1. PLAN INTENT: TO SUBDIVIDE TAX MAP 233 LOTS 30 INTO 14 LOTS WITH ROADWAY. SUBDIVISION IS INTENDED TO BE A CONSERVATION SUBDIVISION WITH A LARGE PORTION OF THE PROPERTY PLACED IN OPEN SPACE.
- 2. OWNER OF RECORD: GARY & GEORGE RAMSDELL, 27 RAMSDELL LANE, BARRINGTON, NH 03825, TAX MAP 233 LOT 0030 (BOOK 3803 PAGE 602)
- 3. TOTAL PARCEL AREA: 37.48 ACRES
- 4. ZONING DISTRICT: NEIGHBORHOOD RESIDENTIAL - NR, HIGH COMMERCIAL DISTRICT OVERLAY (HCO)
- CONSERVATION SUBDIVISION REQUIREMENTS: MINIMUM OVERALL LOT SIZE - 30 ACRES, FRONT SETBACK - 25', SIDE SETBACK - 20', REAR SETBACK - 20', LOT WIDTH AT FRONT SETBACK - 75', WETLAND SETBACK - 50' (HYDRIC B), WETLAND SETBACK - 100' (HYDRIC A)
- 5. THE SUBJECT PARCEL IS LOCATED IN THE FLOOD ZONE "X", (AREAS DETERMINED TO BE OUTSIDE OF 500 YEAR FLOOD ZONE), AS SHOWN ON COMMUNITY PANEL NUMBER 33017C02850 DATED: MAY 17, 2005
- 6. STATE SUBDIVISION APPROVAL #SA2014010432 DATED: 6-2-2014, WETLANDS PERMIT APPROVAL #2014-00572 DATED: 5-30-14
- 7. VERTICAL ELEVATION ARE BASED ON AN ASSUMED DATUM.
- 8. ACCORDING TO TOWN MAPS THERE ARE NO PRIME WETLANDS LOCATED ON THIS PROPERTY.
- 9. JURISDICTIONAL WETLANDS WERE DELINEATED BY MARK WEST OF WEST ENVIRONMENTAL, INC DURING 7-2013.
- 10. NO DRIVEWAYS ALLOWED OFF THE ENDS OF THE HAMMER HEAD.
- 11. DRIVEWAY SLOPE NOT TO EXCEED 10%. ALL DRIVEWAYS TO BE BUILT IN ACCORDANCE WITH ARTICLE 15.3.2 OF THE SUBDIVISION REGULATIONS.
- 12. DRIVEWAY CULVERTS TO A MINIMUM OF 15" DIAMETER AND 30' LONG.
- 13. ALL UTILITIES SHALL BE INSTALLED UNDERGROUND.
- 14. SEE SHEET 4 OF 22 FOR CONSERVATION SUBDIVISION CALCULATIONS.
- 15. ALL ROAD AND DRAINAGE WORK TO CONFORM TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION IN THE TOWN OF BARRINGTON.
- 16. MAILBOX CENTRAL LOCATION TO BE DETERMINED BY THE POSTMASTER AT THE TIME OF CONSTRUCTION.
- 17. 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.
- 18. REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA 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 NO EXPENSE TO THE TOWN.
- 19. SHEETS 6-9 OF 22 SHALL BE RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS.
- 20. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 21. SEE LOT LOADING CALCULATIONS ON SHEET 5 OF 22.

OWNERS SIGNATURE *[Signature]* DATE 6/24/14
OWNERS SIGNATURE *[Signature]* DATE 6/24/14



RAMSDELL LANE (4 RCD WIDE (66'), CLASS IV)

LEGEND

---	EDGE OF WETLANDS
■	GRANITE BOUND TO BE SET
■	REBAR TO BE SET
×	REBAR SET
○	DRILL HOLE SET
---	PROPOSED BUILDING SETBACK LINE
---	PROPOSED SEPTIC SETBACK LINE
---	STONEWALL

WETLAND NOTES
1) MARK WEST, CERTIFIED WETLAND SCIENTIST, OF WEST ENVIRONMENTAL OF LEE, NH, PERFORMED THE WETLAND MAPPING DURING JULY 2013 ACCORDING TO THE TECHNICAL CRITERIA OF THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987) AND THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL - NORTH-CENTRAL AND NORTH-EAST REGION, VERSION 2.0, JANUARY 2012, US ARMY CORPS OF ENGINEERS.
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OVERALL BOUNDARY PLAN

RAMSDELL WOODS SUBDIVISION
TAX MAP 233 LOT 30

RAMSDELL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR: TUCK REALTY CORP. OWNER OF RECORD: GARY & GEORGE RAMSDELL
34 RAEDER DRIVE, STRATHAM, NH 03885 27 RAMSDELL LANE, BARRINGTON, NH 03825, BOOK 3803 PAGE 602

PREPARED BY: BROWN ENGINEERING & SURVEYING LLC

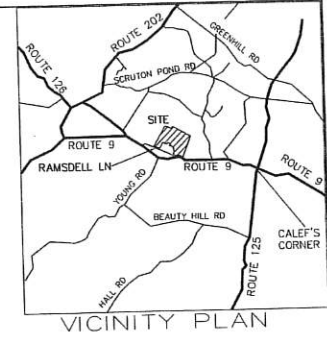
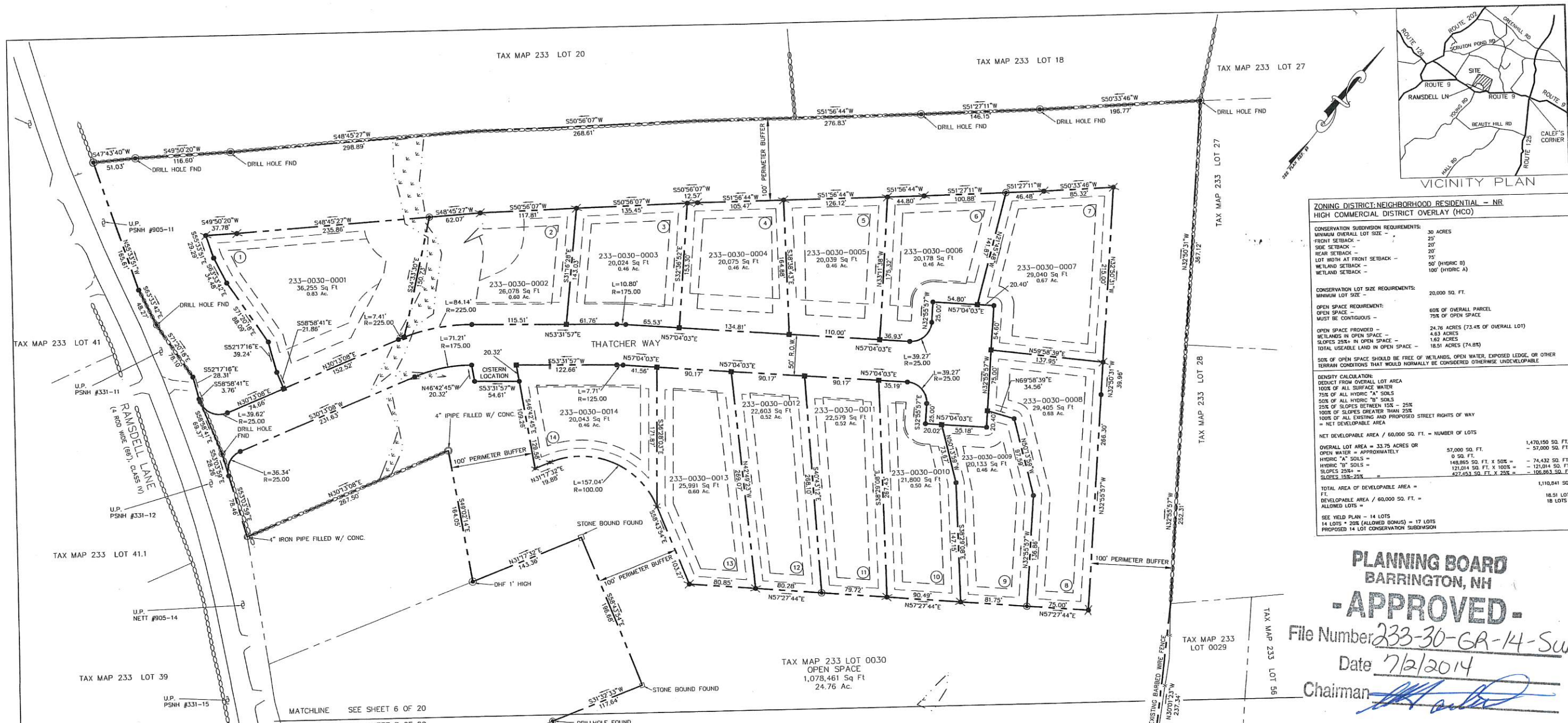
683 FIRST NH TURNPIKE (RTE 4) NORTHWOOD, NH 03261
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www.browneengineeringllc.com
Graphic Scale

DECEMBER 11, 2013

SCALE: 1" = 80'

REV.	DATE	DESCRIPTION	BY
3	6-11-14	FINAL PLAN SUBMITTAL	SRF
2	3-7-14	REVISIONS PER TOWN COMMENTS	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF

JOB NO: 4714-03
SHEET 6 OF 22



**ZONING DISTRICT: NEIGHBORHOOD RESIDENTIAL - NR
HIGH COMMERCIAL DISTRICT OVERLAY (HCO)**

CONSERVATION SUBDIVISION REQUIREMENTS:

MINIMUM OVERALL LOT SIZE -	30 ACRES
FRONT SETBACK -	25'
REAR SETBACK -	20'
SIDE SETBACK -	20'
NEAR SETBACK -	20'
LOT WIDTH AT FRONT SETBACK -	75'
WETLAND SETBACK -	50' (HYDRIC B) 100' (HYDRIC A)

CONSERVATION LOT SIZE REQUIREMENTS:

MINIMUM LOT SIZE -	20,000 SQ. FT.
--------------------	----------------

OPEN SPACE REQUIREMENT:

OPEN SPACE -	65% OF OVERALL PARCEL
OPEN SPACE -	75% OF OPEN SPACE
MUST BE CONTIGUOUS -	
OPEN SPACE PROVIDED -	24.76 ACRES (73.4% OF OVERALL LOT)
WETLANDS IN OPEN SPACE -	4.83 ACRES
SLOPES 25%+ IN OPEN SPACE -	1.62 ACRES
TOTAL USEABLE LAND IN OPEN SPACE -	18.51 ACRES (74.8%)

50% OF OPEN SPACE SHOULD BE FREE OF WETLANDS, OPEN WATER, EXPOSED LEDGE, OR OTHER TERRAIN CONDITIONS THAT WOULD NORMALLY BE CONSIDERED OTHERWISE UNDEVELOPABLE.

DENSITY CALCULATION:

DEDUCT FROM OVERALL LOT AREA	1,470,150 SQ. FT.
100% OF ALL SURFACE WATER	0 SQ. FT.
75% OF ALL HYDRIC "A" SOILS	148,865 SQ. FT. X 50% = - 74,432 SQ. FT.
50% OF ALL HYDRIC "B" SOILS	121,014 SQ. FT. X 50% = - 60,507 SQ. FT.
25% OF SLOPES BETWEEN 15% - 25%	121,014 SQ. FT. X 25% = - 30,253 SQ. FT.
100% OF SLOPES GREATER THAN 25%	427,553 SQ. FT. X 25% = - 106,888 SQ. FT.
100% OF ALL EXISTING AND PROPOSED STREET RIGHTS OF WAY	= NET DEVELOPABLE AREA

NET DEVELOPABLE AREA / 60,000 SQ. FT. = NUMBER OF LOTS

OVERALL LOT AREA = 33.75 ACRES OR	1,470,150 SQ. FT.
OPEN WATER = APPROXIMATELY	57,000 SQ. FT.
HYDRIC "A" SOILS =	0 SQ. FT.
HYDRIC "B" SOILS =	148,865 SQ. FT. X 50% = - 74,432 SQ. FT.
SLOPES 25%+ =	121,014 SQ. FT. X 50% = - 60,507 SQ. FT.
SLOPES 15%-25% =	121,014 SQ. FT. X 25% = - 30,253 SQ. FT.
TOTAL AREA OF DEVELOPABLE AREA =	1,110,841 SQ. FT.
DEVELOPABLE AREA / 60,000 SQ. FT. =	18.51 LOTS
ALLOWED LOTS =	18 LOTS

SEE YIELD PLAN - 14 LOTS
14 LOTS * 20R (ALLOWED BONUS) = 17 LOTS
PROPOSED 14 LOT CONSERVATION SUBDIVISION

**PLANNING BOARD
BARRINGTON, NH
- APPROVED -**

File Number 233-30-GR-14-Sub
Date 7/2/2014
Chairman [Signature]

PLANNING BOARD APPROVAL BLOCK

OWNERS SIGNATURE [Signature] DATE 6/24/14
OWNERS SIGNATURE Gen. E. Ramsdell DATE 6/24/14

OPEN SPACE CALCULATIONS

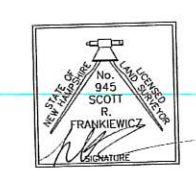
OVERALL LOT AREA (TAX MAP 233 LOT 0030)	33.75 ACRES
REQUIRED OPEN SPACE (60%)	20.25 ACRES
PROVIDED OPEN SPACE (73.4%)	24.76 ACRES

LOT #	OVERALL AREA	CONTIGUOUS UPLAND AREA
1	36,255 SQ. FT.	35,695 SQ. FT.
2	26,078 SQ. FT.	23,060 SQ. FT.
3-14	ALL UPLAND	

- LEGEND**
- EDGE OF WETLANDS
 - GRANITE BOUND TO BE SET
 - REBAR TO BE SET
 - ⊗ REBAR SET
 - ⊙ DRILL HOLE SET
 - PROPOSED BUILDING SETBACK LINE
 - PROPOSED SEPTIC SETBACK LINE
 - STONE WALL

- NOTES**
- SEE SHEET 5 OF 19 FOR ALL NOTES AND PLAN REFERENCES.
- WETLAND NOTES**
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[Signature] DATE: 6-24-14
SCOTT R. FRANKIEWICZ, LLS

**BOUNDARY PLAN
RAMSDELL WOODS SUBDIVISION
TAX MAP 233 LOT 30**

RAMSDELL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR: TUCK REALTY CORP. OWNER OF RECORD: GARY & GEORGE RAMSDELL
34 RAEDER DRIVE BARRINGTON, NH 03825
STRATHAM, NH 03885 BOOK 3803 PAGE 602

PREPARED BY: BROWN ENGINEERING & SURVEYING LLC

683 FIRST NH TURNPIKE (RTE 4) NORTHWOOD, NH 03261
Tel: (603) 677-7004
Fax: (603) 677-7014
www.browneengineeringllc.com

civil engineers, surveyors
construction managers

60' Graphic Scale 60'
SCALE: 1" = 60'

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2	3-7-14	REVISIONS PER TOWN COMMENTS	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF
		DESCRIPTION	BY

DECEMBER 11, 2013

JOB NO: 4714-03
SHEET 7 OF 22

PLANNING BOARD
BARRINGTON, NH

PLANNING BOARD APPROVAL BLOCK

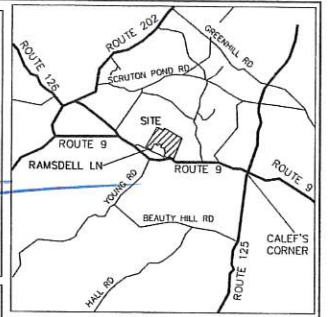
TAX MAP 233 LOT 0029 - **APPROVED** -

File Number 233-30-GR-14-Sub

Date 7/2/2014

Chairman [Signature]

[Signature] 6/24/14
OWNERS SIGNATURE DATE
Gary E. Ramsdell 6/24/14
OWNERS SIGNATURE DATE



VICINITY PLAN

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- S.C.R.D. PLAN #17-109, "SUBDIVISION PLAN LAURETTE GIBB AND FRANK M. DONADIO, BARRINGTON, NH", PREPARED BY FREDERICK E. DREW ASSOCIATES, DATED: NOV. 1976, SCALE 1"=100'.
- S.C.R.D. PLAN #22-130, "RESUBDIVISION OF LOT 3, THADDEUS BODUCH, BARRINGTON, NH", PREPARED BY FREDERICK E. DREW, DATED: OCTOBER 1983, SCALE: 1"=100'.
- S.C.R.D. PLAN #88-25, "POND VIEW CONDOMINIUM SITE PLAN & FLOOR PLAN LOCATED AT NH ROUTE 9, TOWN OF BARRINGTON, NEW HAMPSHIRE 03825 FOR BOUNTIFUL RIVER TRUST", PREPARED BY: POGOPEK LAND SURVEYORS & SEPTIC SYSTEM DESIGN, LLC, DATED: JUNE 7, 2006, SCALE 1"=40'.
- S.C.R.D. PLAN #102-084, SUBDIVISION PLAN OF LAND, PREPARED FOR GARY RAMSDELL AND GEORGE RAMSDOLL, TAX MAP 233, LOT NO. 30, 24 RAMSDOLL LANE, TOWN OF BARRINGTON, COUNTY OF STRAFFORD, STATE OF NEW HAMPSHIRE", PREPARED BY SURVEY ASSOCIATES, INC., DATED: 10-2011, SCALE: 1"=40'
- S.C.R.D. PLAN #91-11, "BOUNDARY PLAT, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE, PREPARED FOR CAROLYN L. GOODWILL LIVING TRUST OF 1999", PREPARED BY ORVIS/DREW, LLC, DATED: OCTOBER 2006, SCALE: 1"=200'.
- S.C.R.D. PLAN #98-001, "SUBDIVISION PLAN FOR PAMELA TALON, PROVINCE LANE, BARRINGTON, NH, TAX MAP 233 LOT 41", PREPARED BY BERRY SURVEYING & ENGINEERING, INC., DATED: 1"=40', SCALE: 1"=40'.
- S.C.R.D. PLAN #53-14, "SUBDIVISION PLAN, MURIEL RAMSDOLL, PROVINCE LANE, BARRINGTON, NH", PREPARED BY: RICHARD E. TURNER, LLS, DATED: 6-1998, SCALE: 1"=200'.
- S.C.R.D. PLAN #44-73, "BOUNDARY LINE DELINEATION, LAND OF GLENN GIBB, PROVINCE LANE, BARRINGTON, NH", PREPARED BY: BERRY SURVEYING & ENGINEERING, INC. DATED: MAY 1994, SCALE: 1"=20'.

LEGEND

- EDGE OF WETLANDS
- PROPOSED GRANITE BOUND
- PROPOSED REBAR
- PROPOSED BUILDING SETBACK LINE
- PROPOSED SEPTIC SETBACK LINE
- STONEWALL

BOUNDARY PLAN

**RAMSDOLL WOODS SUBDIVISION
TAX MAP 233 LOT 30**

RAMSDOLL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR: TUCK REALTY CORP. 34 RAEDER DRIVE STRATHAM, NH 03885
OWNER OF RECORD: GARY & GEORGE RAMSDOLL 27 RAMSDOLL LANE BARRINGTON, NH 03825 BOOK 3863 PAGE 802

PREPARED BY: BROWN ENGINEERING & SURVEYING LLC

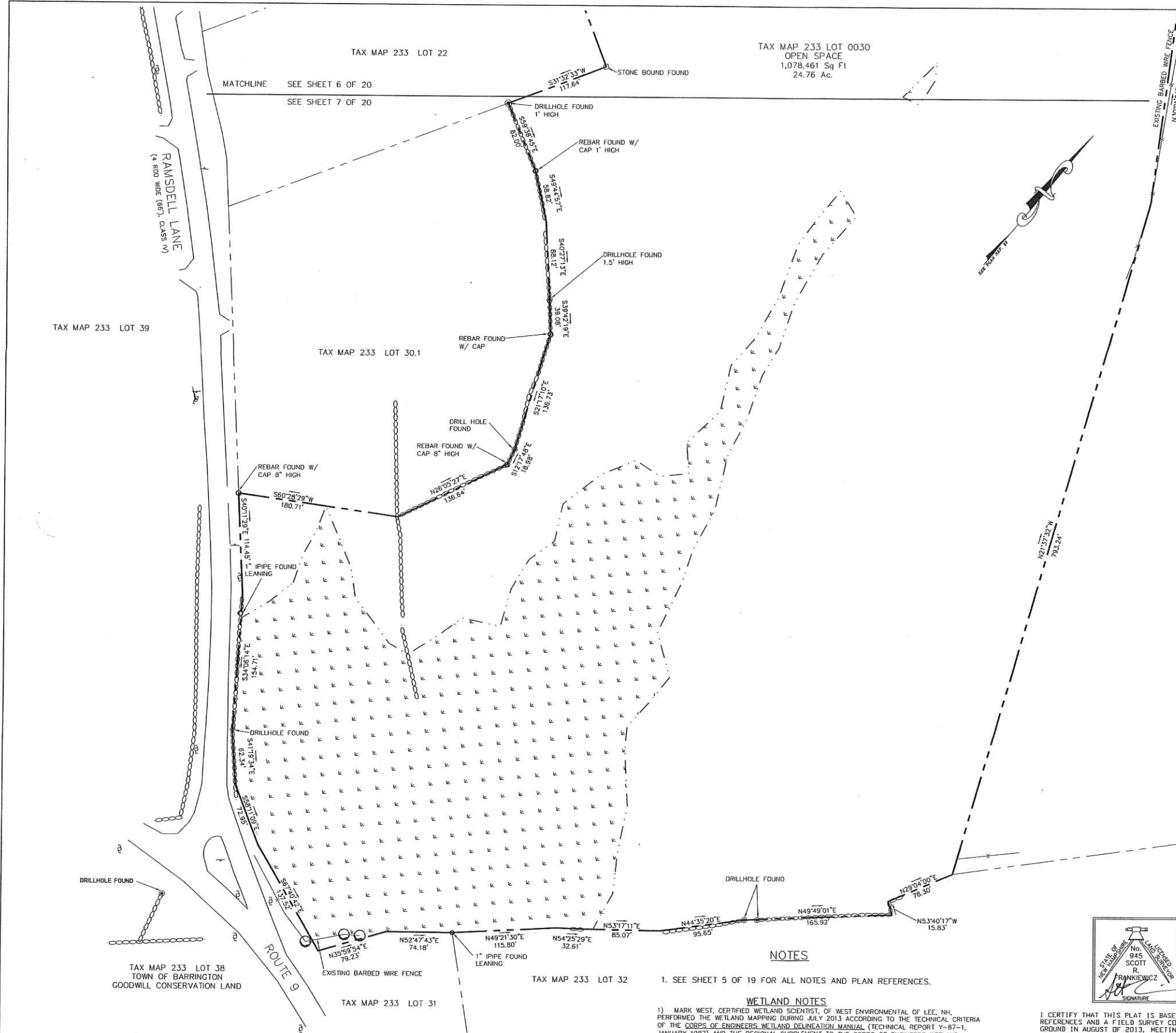
683 FIRST NH TURNPIKE (RTE 4) NORTHWOOD, NH 03261
Tel: (603) 677-7004
Fax: (603) 677-7014
www.browneengineeringllc.com

Graphic Scale 80 40 0
DECEMBER II, 2013

SCALE: 1" = 80'

2	5-11-14	FINAL PLAN SUBMITTAL	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF
REV.	DATE	DESCRIPTION	BY

JOB NO: 4714-03
SHEET 8 OF 22

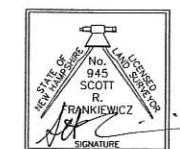


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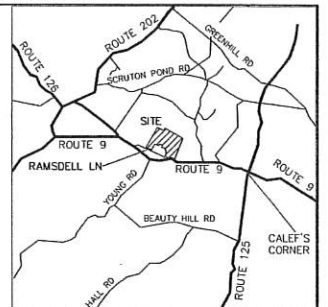
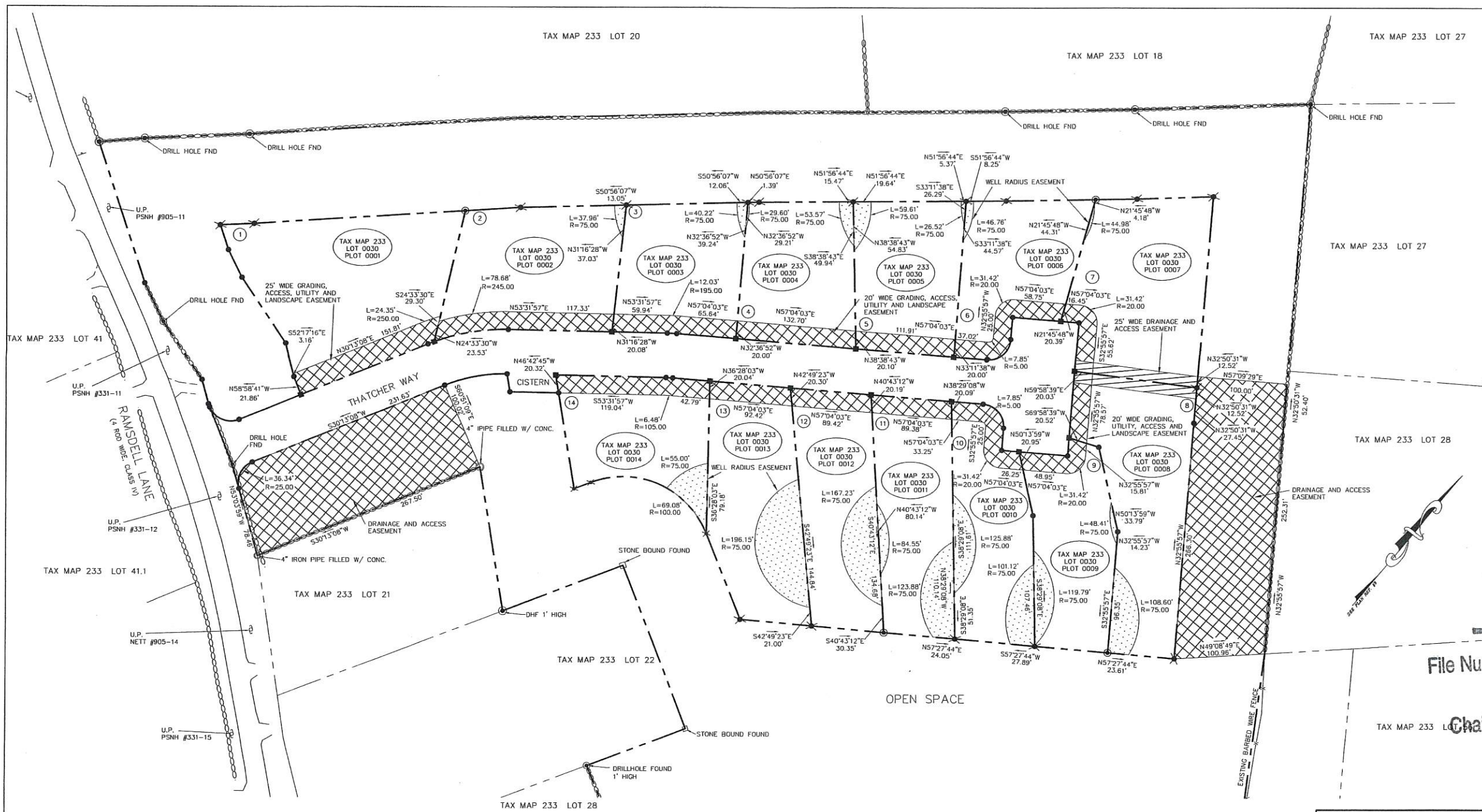
- SEE SHEET 5 OF 19 FOR ALL NOTES AND PLAN REFERENCES.

WETLAND NOTES

- MARK WEST, CERTIFIED WETLAND SCIENTIST, OF WEST ENVIRONMENTAL OF LEE, NH, PERFORMED THE WETLAND MAPPING DURING JULY 2013 ACCORDING TO THE TECHNICAL CRITERIA OF THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987) AND THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
- HYDROPHYTIC VEGETATION WAS IDENTIFIED USING THE NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NEW HAMPSHIRE, PUBLISHED BY THE UNITED STATES FISH AND WILDLIFE SERVICE, MAY 1998.



I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN AUGUST OF 2013, MEETING THE MINIMUM REQUIREMENTS FOR ACCURACY, 1:10,000 AND COMPLETENESS PER THE STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.
[Signature]
SCOTT R. FRANKIEWICZ, LLS DATE: 6/24/14



VICINITY PLAN
 PLANNING BOARD APPROVAL BLOCK

[Signature] 1/24/14
 OWNERS SIGNATURE DATE

[Signature] 6/24/14
 OWNERS SIGNATURE DATE

PLANNING BOARD
 BARRINGTON, NH
 -APPROVED-

File Number 233-30-GR-14-Sub
 Date 7/2/2014
 Chairman *[Signature]*

EASEMENT PLAN
RAMSDELL WOODS SUBDIVISION
TAX MAP 233 LOT 30
 RAMSDELL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR: TUCK REALTY CORP.
 34 RAEDER DRIVE
 STRATHAM, NH 03885

OWNER OF RECORD: GARY & GEORGE RAMSDELL
 27 RAMSDELL LANE
 BARRINGTON, NH 03825

PREPARED BY:
BROWN ENGINEERING & SURVEYING LLC
 683 FIRST NH TURNPIKE (RTE 4)
 NORTHWOOD, NH 03261
 Tel: (603) 677-7004
 Fax: (603) 677-7014
 www.browngineeringllc.com

civil engineers, surveyors
 construction managers

Graphic Scale: 60 30 0 60
 DECEMBER 11, 2013
 SCALE: 1" = 60'

3	8-11-14	FINAL PLAN SUBMITTAL	SRF
2	3-13-14	ADDED DRAINAGE EASEMENTS IN OPEN SPACE	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF
REV	DATE	DESCRIPTION	BY

JOB NO: 4714-03
 SHEET 9 OF 22

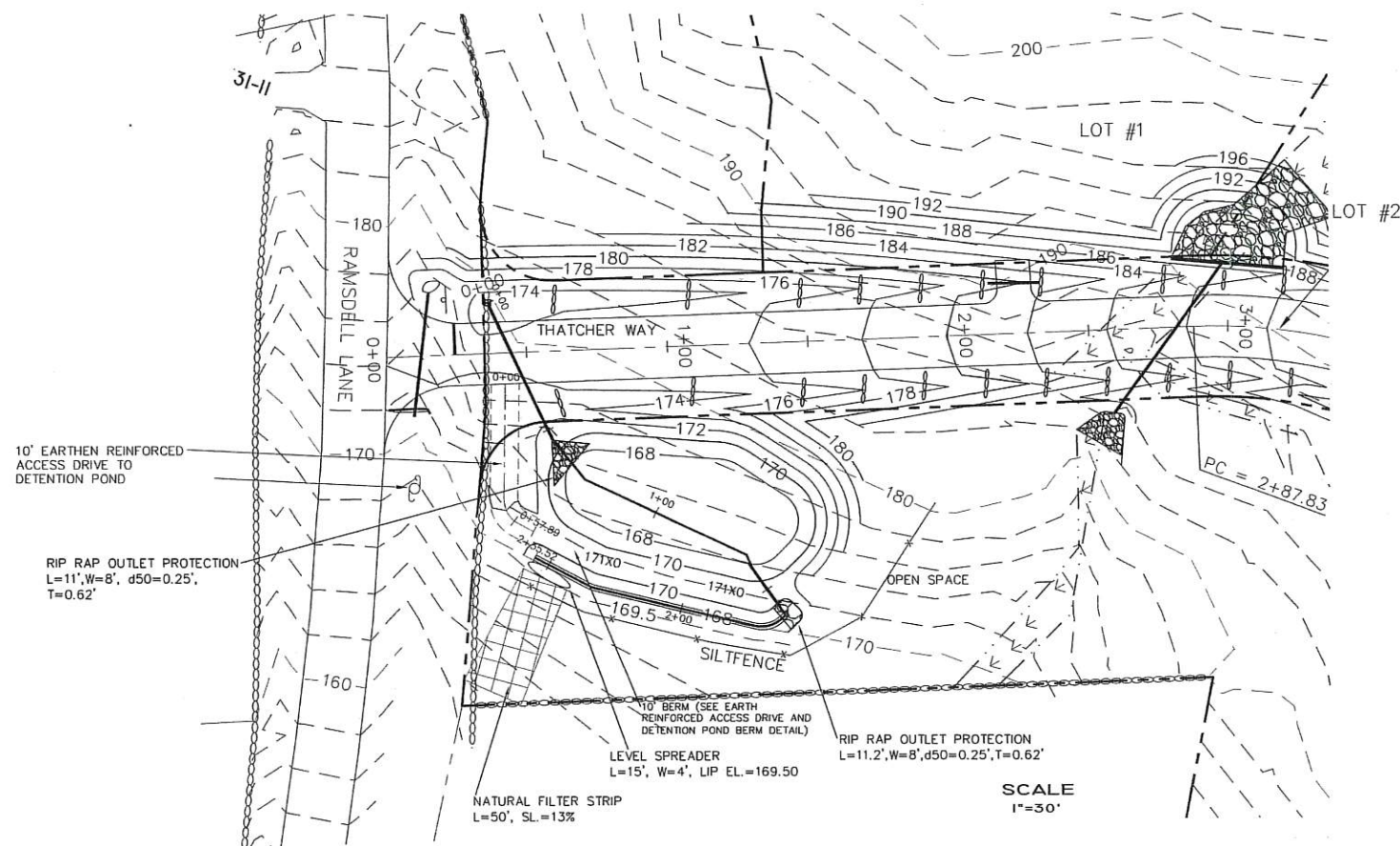
- LEGEND**
- EDGE OF WETLANDS
 - GRANITE BOUND TO BE SET
 - REBAR TO BE SET
 - X REBAR SET
 - ⊙ DRILL HOLE SET
 - PROPOSED BUILDING SETBACK LINE
 - PROPOSED SEPTIC SETBACK LINE
 - ⊖ STONEWALL

- NOTES**
- SEE SHEET 6 OF 22 FOR ALL NOTES AND PLAN REFERENCES.
 - SEE SHEETS 7 & 8 OF 22 FOR MORE PROPERTY DATA.

I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN AUGUST OF 2013, MEETING THE MINIMUM REQUIREMENTS FOR FOR ACCURACY, 1:10,000 AND COMPLETENESS PER THE STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

[Signature]
 SCOTT R. FRANKIEWICZ, LLS
 DATE: 6-20/14

PLANNING BOARD APPROVAL BLOCK



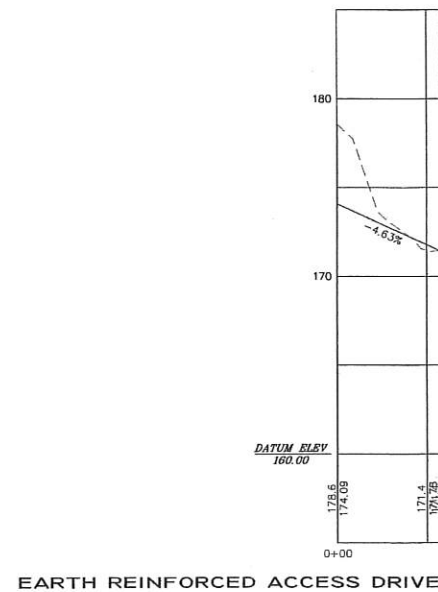
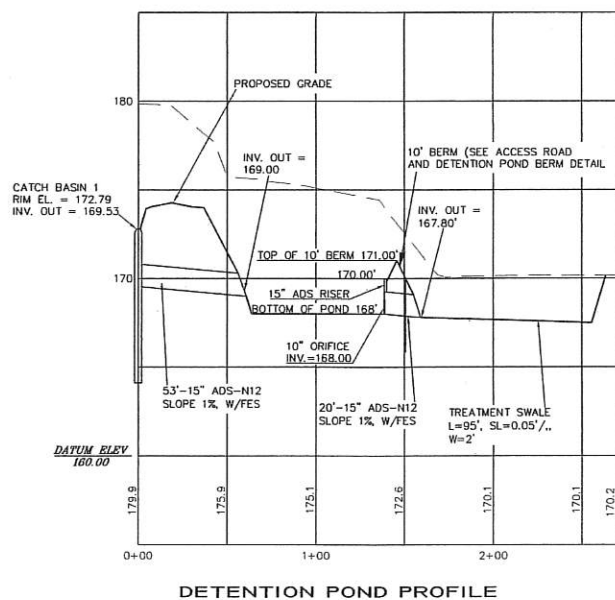
PLANNING BOARD
BARRINGTON, NH

- APPROVED -

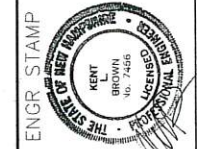
File Number 233-30-GR-14-Sub

Date 7/2/2014

Chairman [Signature]



EARTH REINFORCED ACCESS DRIVE AND DETENTION POND BERM DETAIL
NOT TO SCALE



REVISIONS

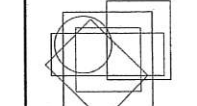
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2	REVISIONS PER TOWN COMMENTS	3-7-14
3	REVISIONS PER TOWN COMMENTS	3-24-14
4	ADDED INFORMATION TO DETENTION POND BERM NOTES	4-8-14
5	FINAL PLAN SUBMITTAL	6-11-14

PLAN & PROFILE - DRAINAGE SYSTEM
TAX MAP 233 LOT 30
RAMSDELL WOODS
27 RAMSDELL LANE
BARRINGTON, NH
OWNED BY
GARY & GEORGE RAMSDELL
RAMSDELL LANE, BARRINGTON, NH 03825

DECEMBER 11, 2013

SCALE AS NOTED

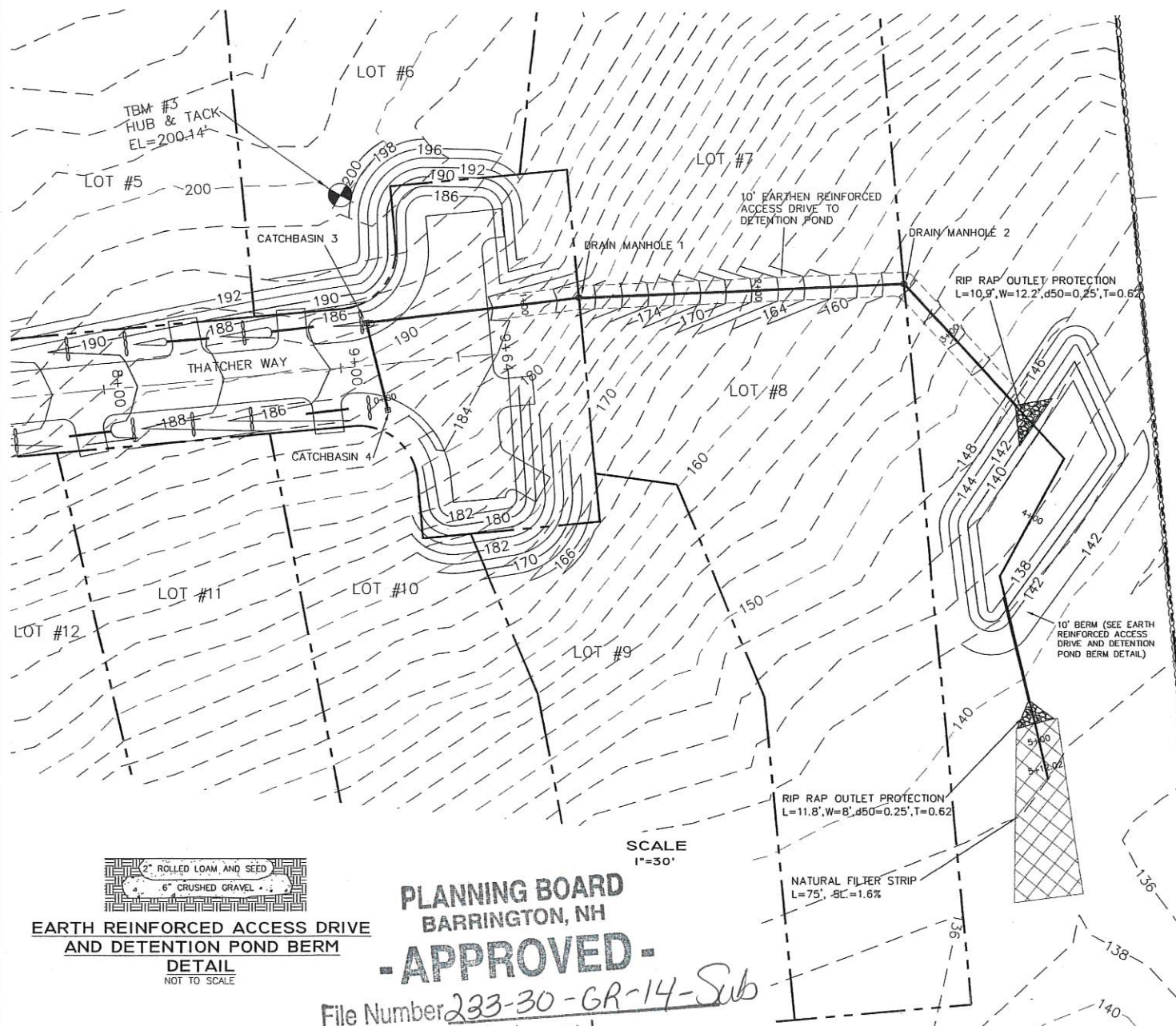
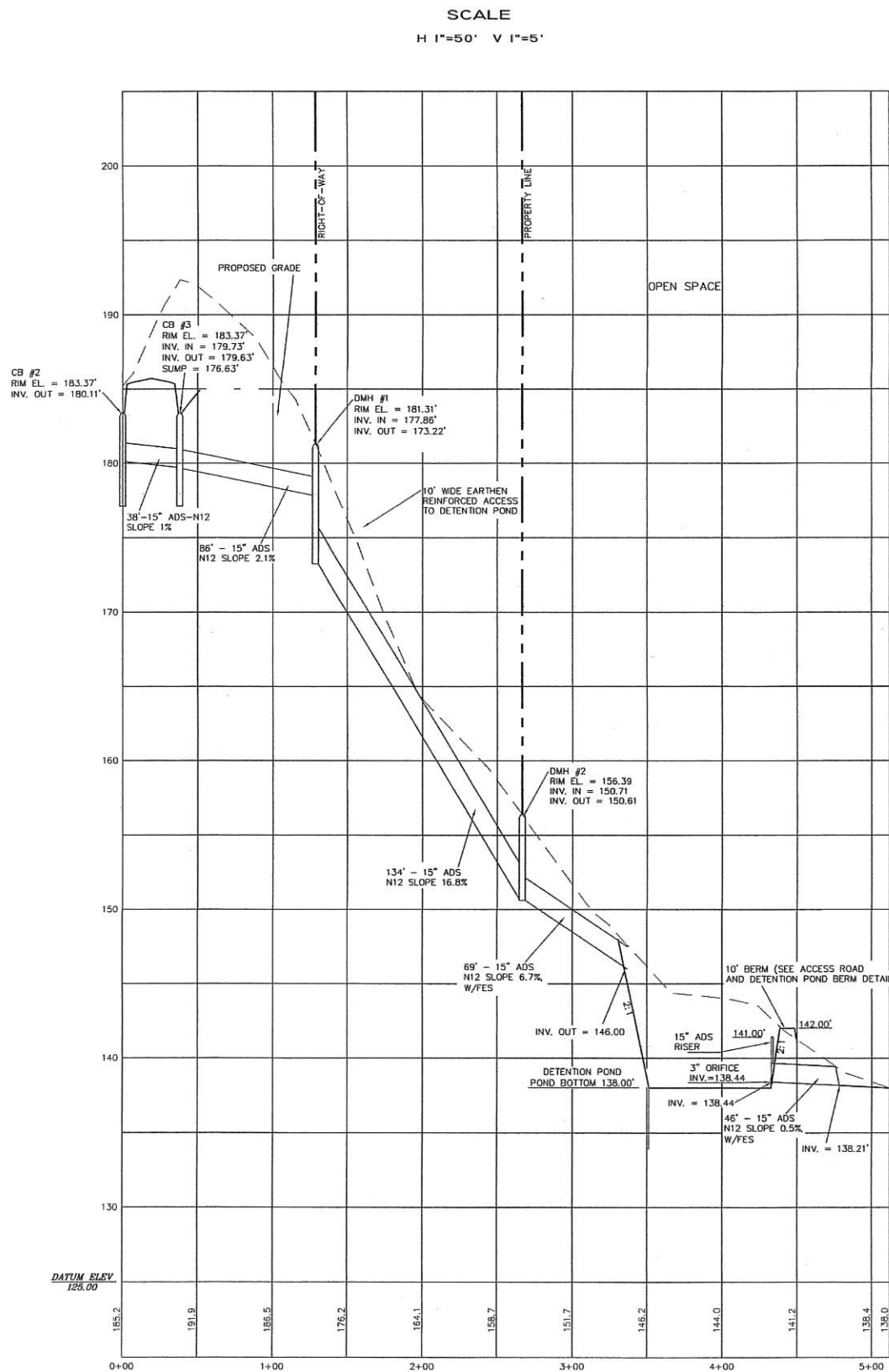
BROWN ENGINEERING /SURVEYING



civil engineers, surveyors
construction managers
683C FIRST NH TURNPIKE
NORTHWOODS, NEW HAMPSHIRE 03261
Tel: (603) 677-7004
Fax: (603) 677-7014

Drawing name: C:\Land Projects 2007\314-03 Turner Porter - Ramsdell - Barrington Vtdy Submittal plan set.dwg

Drawing name: C:\Land Projects\2007\14-03 Turner Porter - Ramsdell - Barrington\eng\Submittal plan set.dwg



EARTH REINFORCED ACCESS DRIVE AND DETENTION POND BERM
DETAIL
 NOT TO SCALE

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
 File Number 233-30-GR-14-Sub
 Date 7/2/2014
 Chairman [Signature]

PLANNING BOARD APPROVAL BLOCK

ENGR STAMP
 THE STATE OF NEW HAMPSHIRE
 REG. PROFESSIONAL ENGINEER
 GARY & GEORGE RAMSDELL
 No. 7436

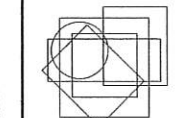
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1	REVISIONS PER TOWN COMMENTS	2-17-14
2	REVISIONS PER TOWN COMMENTS	3-7-14
3	REVISIONS PER TOWN COMMENTS	3-24-14
4	ADDED INFORMATION TO DETENTION POND BERM NOTES	4-8-14
5	FINAL PLAN SUBMITTAL	6-11-14

PLAN & PROFILE - DRAINAGE SYSTEM
 TAX MAP 233 LOT 30
RAMSDELL WOODS
 27 RAMSDELL LANE
 BARRINGTON, NH
 OWNED BY
GARY & GEORGE RAMSDELL
 RAMSDELL LANE, BARRINGTON, NH 03825

DECEMBER 11, 2013

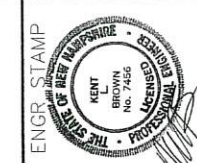
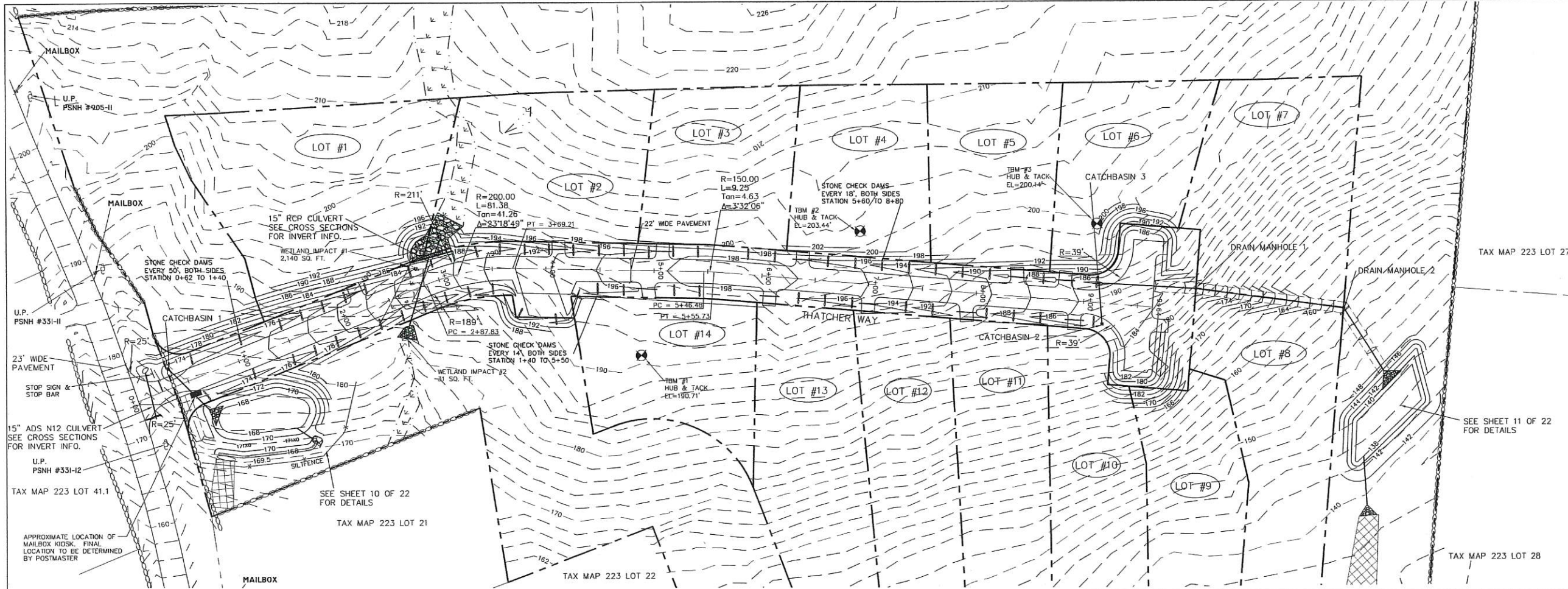
SCALE
AS NOTED

BROWN
ENGINEERING
/SURVEYING



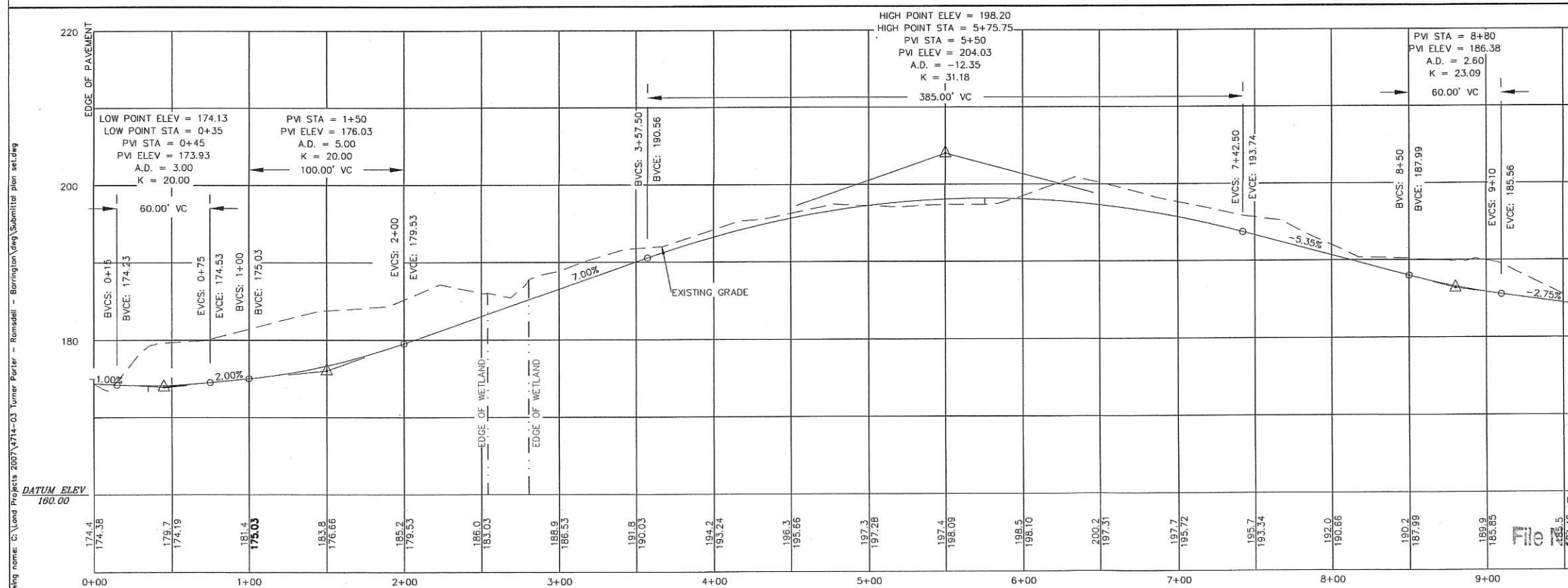
civil engineers, surveyors
 construction managers
 683C FIRST NH TURNPIKE
 NORTHWOOD, NEW HAMPSHIRE 03261
 Tel: (603) 677-7004
 Fax: (603) 677-7014

SHEET II OF 22



REVISIONS	
NO.	DESCRIPTION
1	REVISIONS PER TOWN COMMENTS
2	REVISIONS PER TOWN COMMENTS
3	REVISIONS PER TOWN COMMENTS
4	CHANGED CULVERT FROM ADS-N12 TO RCP PER REVIEW
5	FINAL PLAN SUBMITTAL

PLAN & PROFILE - THATCHER WAY
 TAX MAP 223 LOT 30
RAMSDELL WOODS
 27 RAMSDELL LANE
 BARRINGTON, NH
 OWNED BY
GARY & GEORGE RAMSDELL
 RAMSDELL LANE, BARRINGTON, NH 03825



NOTES:
 1. ROADWAY IS DESIGNED FOR 25 M.P.H. (BARRINGTON ARTICLE 15.7 TABLE 2 REQUIRES 25 M.P.H.)
 2. ALL APPROACH DESIGN SPEEDS ARE 25 M.P.H. PER ARTICLE 15.7 TABLE 2.

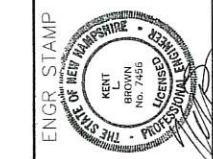
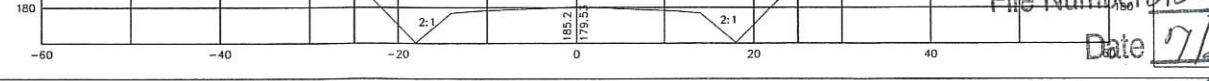
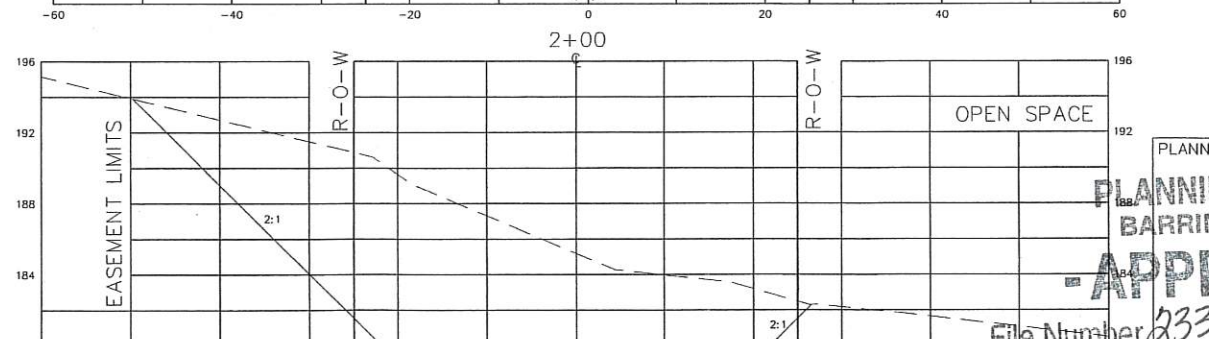
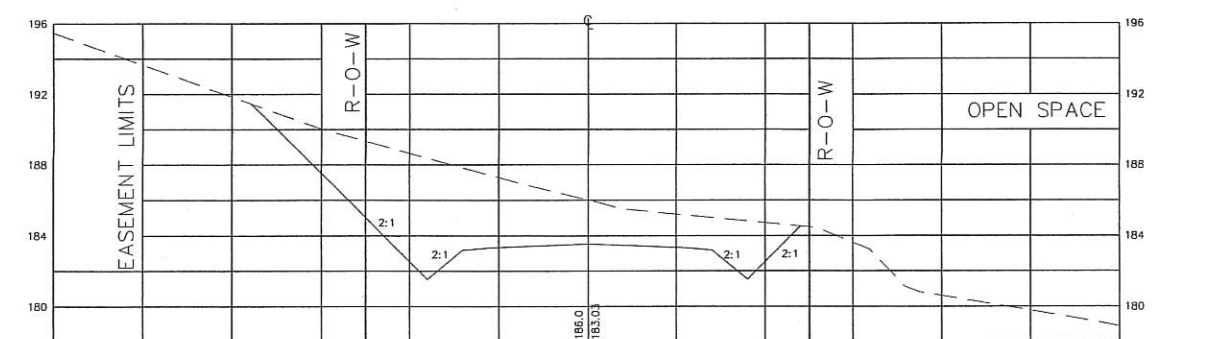
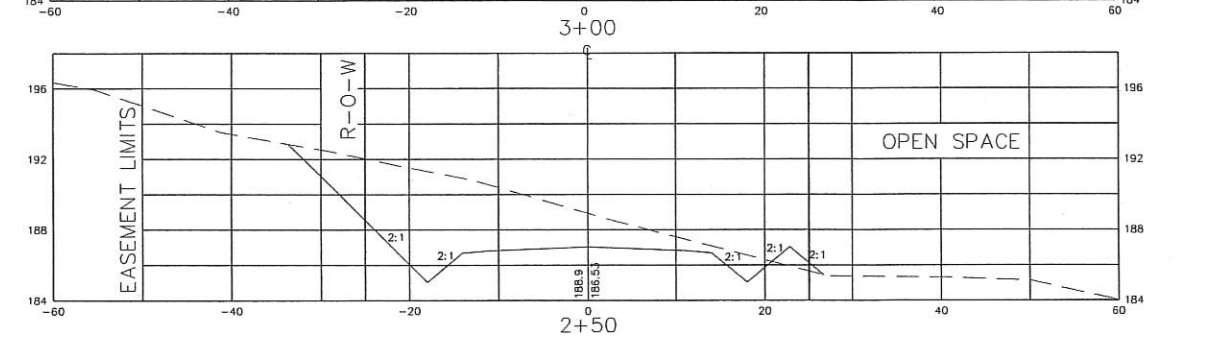
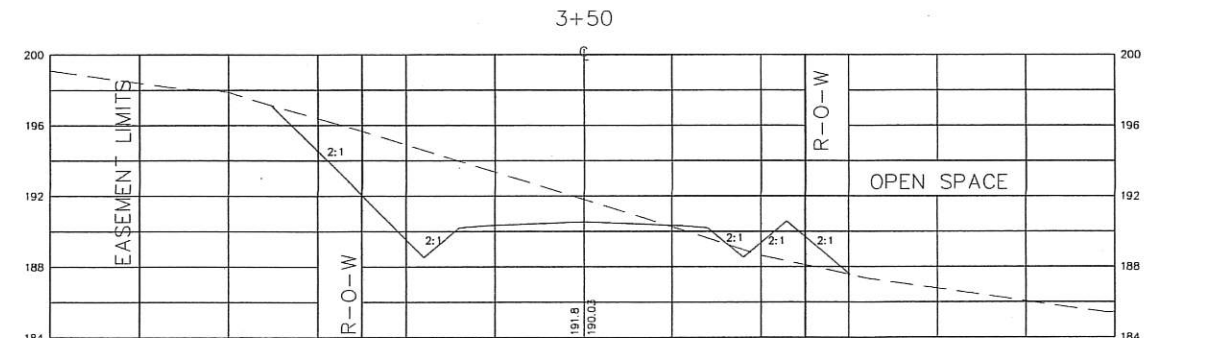
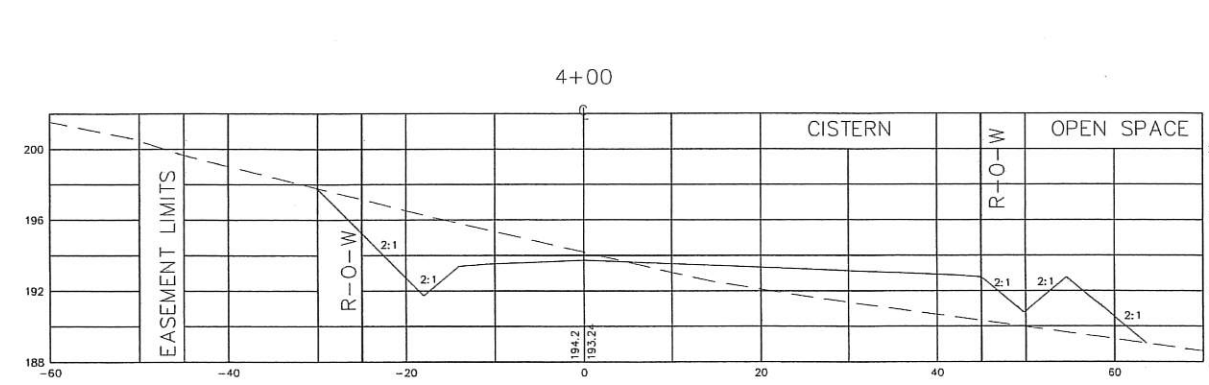
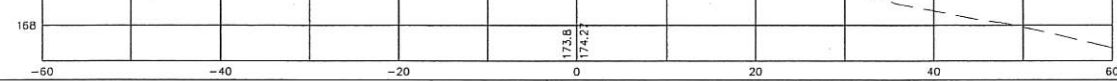
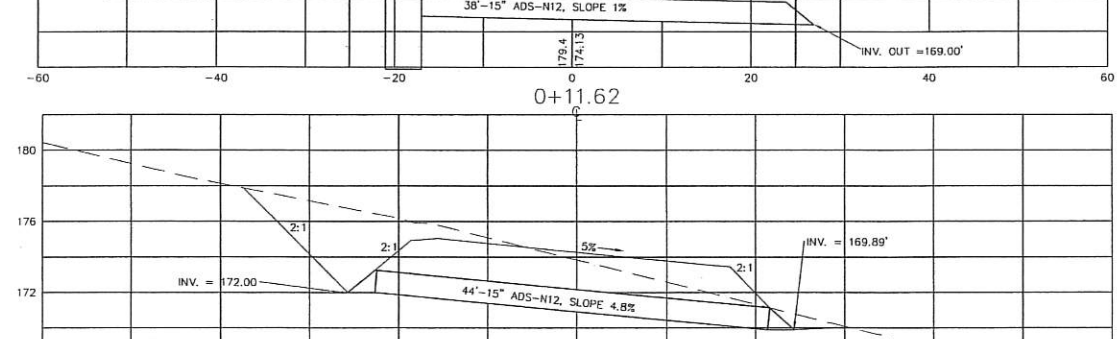
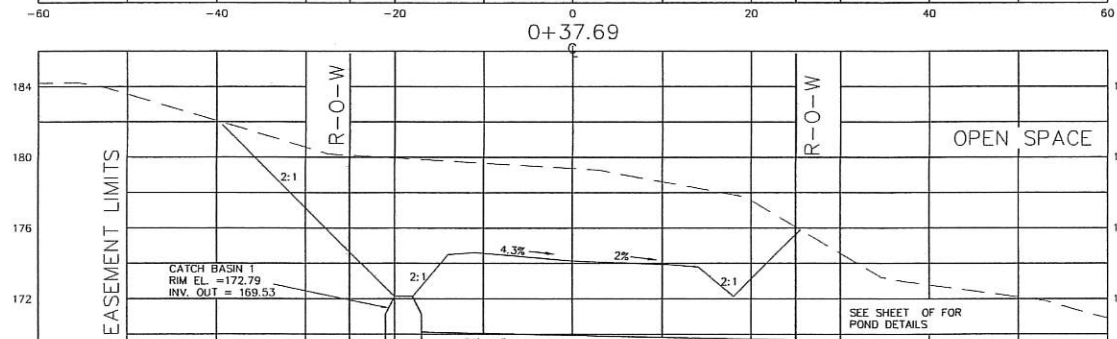
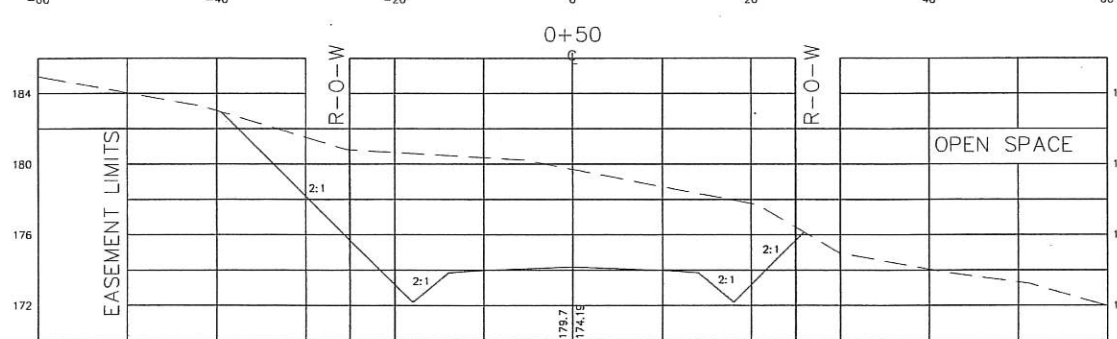
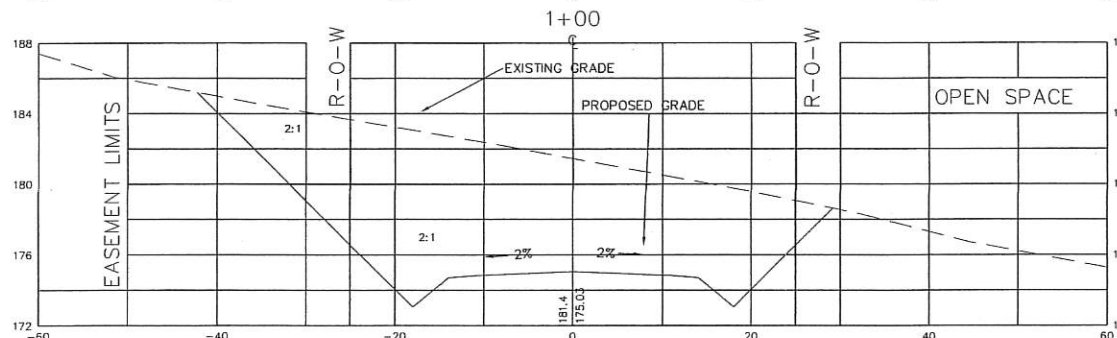
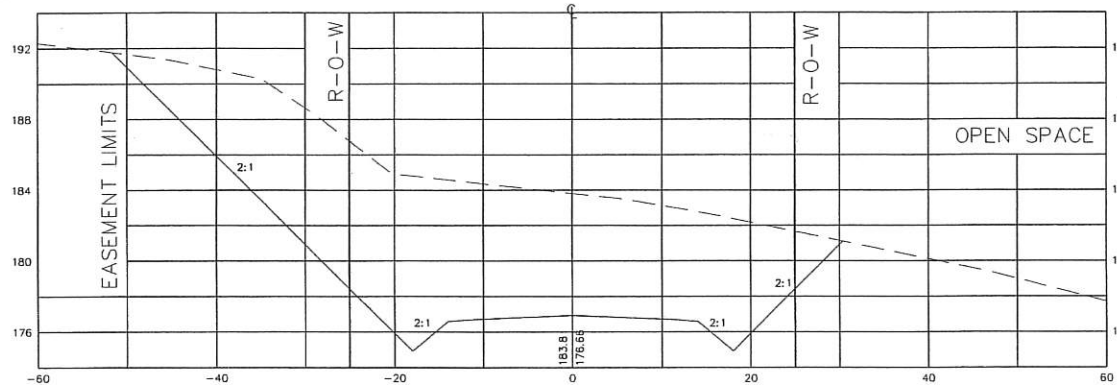
PLANNING BOARD APPROVAL BLOCK
PLANNING BOARD
 BARRINGTON, NH
APPROVED
 File Number: 233-30-GR-14 Sub
 Date: 7/2/2014
 Chairman: *[Signature]*

DECEMBER 11, 2013
 SCALE
 20 10 0 40 (H)
 5 0 10 (V)
 H 1"=40' V 1"=10'

BROWN ENGINEERING /SURVEYING
 civil engineers, surveyors construction managers
 683C FIRST NH TURNPIKE
 NORTHWOOD, NEW HAMPSHIRE 03261
 Tel: (603) 677-7004
 Fax: (603) 677-7014
 SHEET 12 OF 22

Drawing name: C:\Land Projects\2007\714-03 Turner Porter - Ramsdell - Barrington\03 Submittal\03 Plan set.dwg

Drawing name: C:\Land Projects\2007\14-03 Turner Parker - Ramsdell - Barrington\eng\submit\plan set.dwg



REVISIONS	
NO.	DESCRIPTION
1	REVISIONS PER TOWN COMMENTS
2	REVISIONS PER TOWN COMMENTS
3	REVISIONS PER TOWN COMMENTS
4	FINAL PLAN SUBMITTAL

CROSS SECTIONS - THATCHER WAY
 TAX MAP: 293 LOT 29 & 30
RAMSDELL WOODS
 27 RAMSDELL LANE
 BARRINGTON, NH
 OWNED BY
GARY & GEORGE RAMSDELL
 RAMSDELL LANE, BARRINGTON, NH 03825

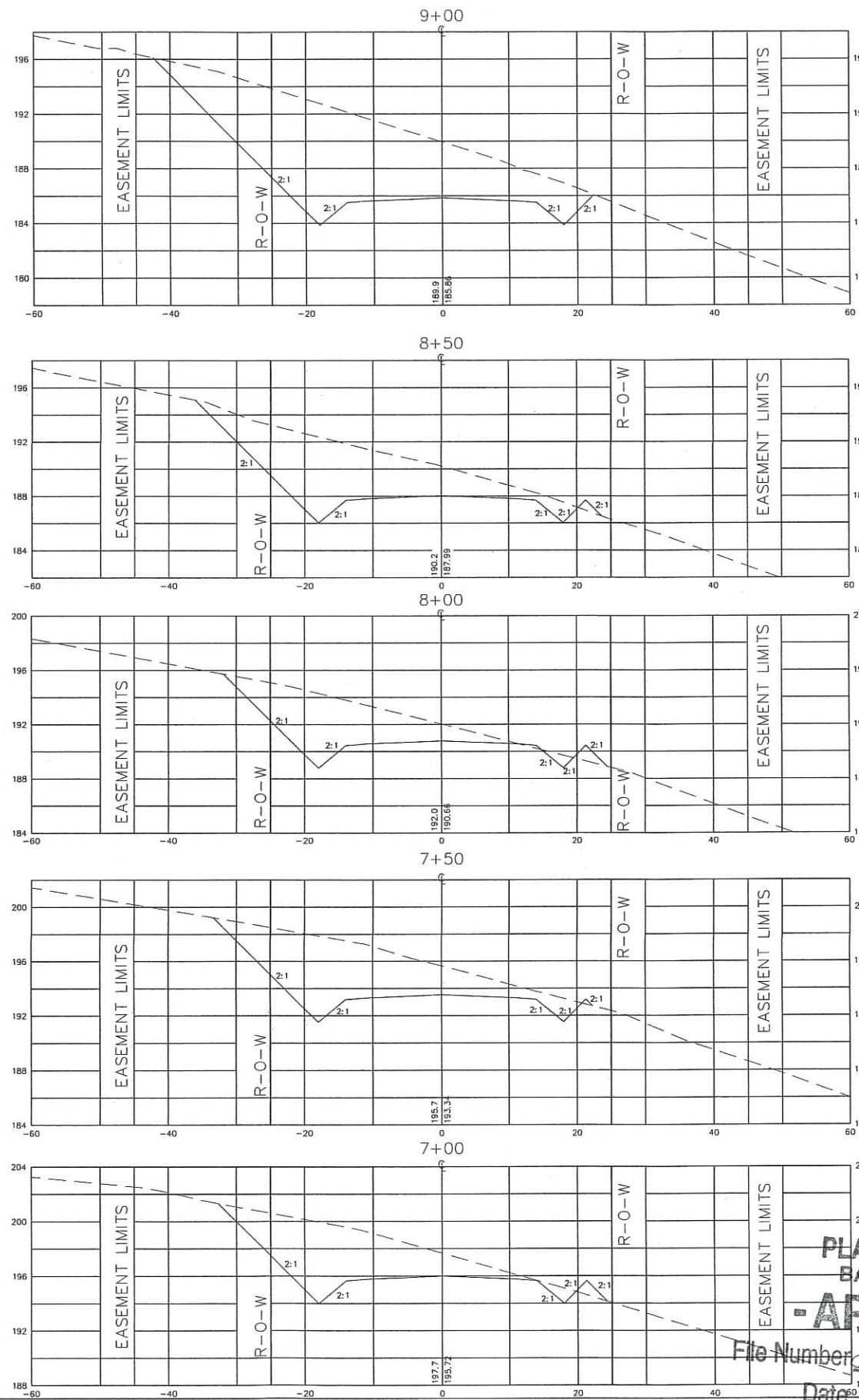
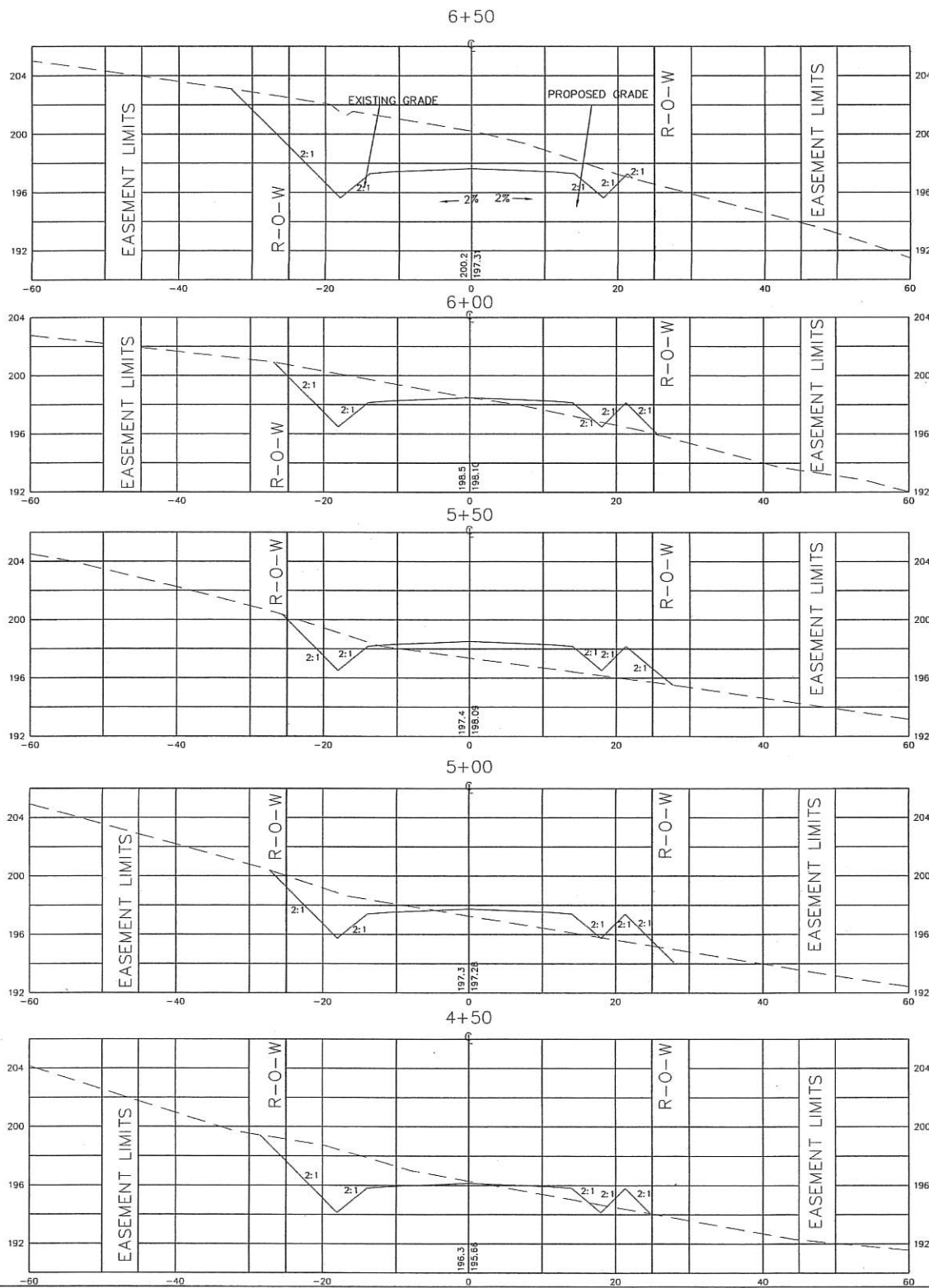
DECEMBER 11, 2013

SCALE
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 2.5 0 5 (V)
 H 1"=10' V 1"=5'

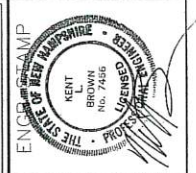
BROWN ENGINEERING /SURVEYING

PLANNING BOARD APPROVAL BLOCK
PLANNING BOARD
 BARRINGTON, NH
APPROVED
 File Number: 233-30-GR-14-Sub
 Date: 7/2/2014
 Chairman: *[Signature]*

Drawing name: C:\Land Projects\2007\714-03 Turner Porter - Ramsdell - Barrington\dwg\Submittal plan sat.dwg



PLANNING BOARD APPROVAL BLOCK



REVISIONS	
NO.	DESCRIPTION
1	REVISIONS PER TOWN COMMENTS
2	REVISIONS PER TOWN COMMENTS
3	REVISIONS PER TOWN COMMENTS
4	FINAL PLAN SUBMITTAL

CROSS SECTIONS - THATCHER WAY
TAX MAP 223 LOT 29 & 30
RAMSDELL WOODS
27 RAMSDELL LANE
BARRINGTON, NH
OWNED BY
GARY & GEORGE RAMSDELL
RAMSDELL LANE, BARRINGTON, NH 03825

DECEMBER 11, 2013

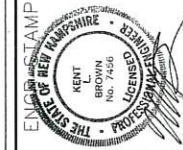
SCALE
10 25 0 10 (H)
2.5 0 5 (V)
H 1"=10' V 1"=5'

BROWN ENGINEERING /SURVEYING

civil engineers, surveyors
construction managers
683C FIRST NH TURNPIKE
NORTHWOOD, NEW HAMPSHIRE 03261
Tel: (603) 677-7004
Fax: (603) 677-7014

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 233-30-GA-14-Sub
Date 7/2/2014
Chairman *[Signature]*

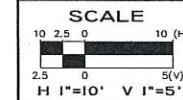
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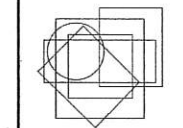
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2	REVISIONS PER TOWN COMMENTS 3-7-14
3	REVISIONS PER TOWN COMMENTS 3-24-14
4	FINAL PLAN SUBMITTAL 6-11-14

CROSS SECTIONS - THATCHER WAY
 TAX MAP 233 LOT 30
RAMSDELL WOODS
 27 RAMSDELL LANE
 BARRINGTON, NH
 OWNED BY
GARY & GEORGE RAMSDELL
 RAMSDELL LANE, BARRINGTON, NH 03825

DECEMBER II, 2013



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 construction managers
 683C FIRST NH TUESDAY
 NORTHWOOD, NEW HAMPSHIRE 03261
 Tel: (603) 677-7004
 Fax: (603) 677-7014

SHEET 15 OF 22

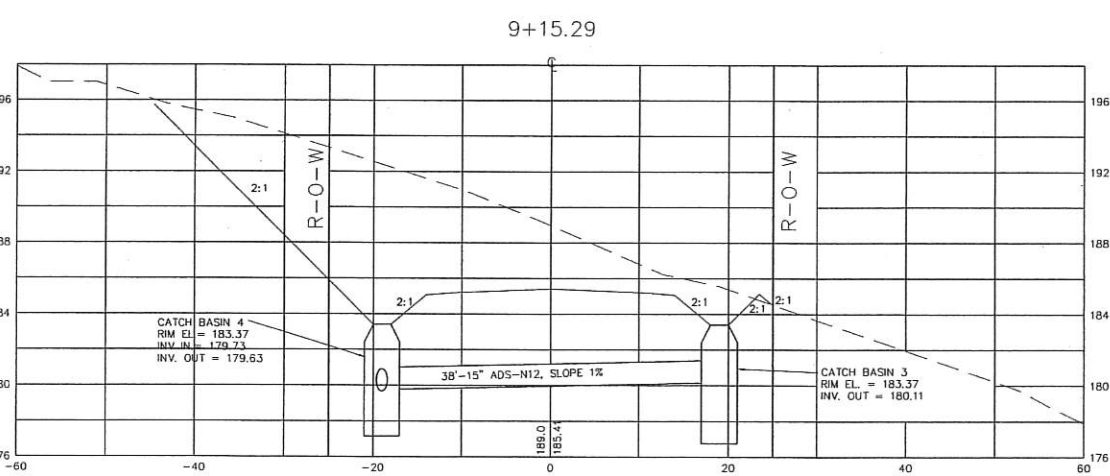
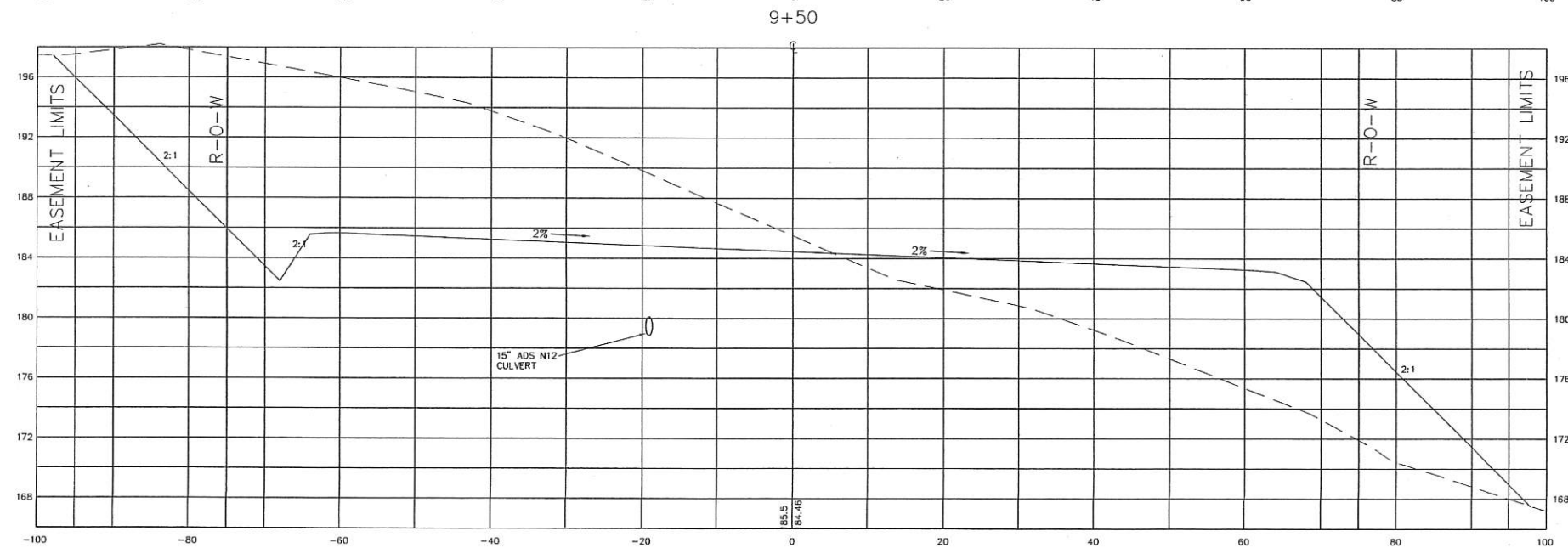
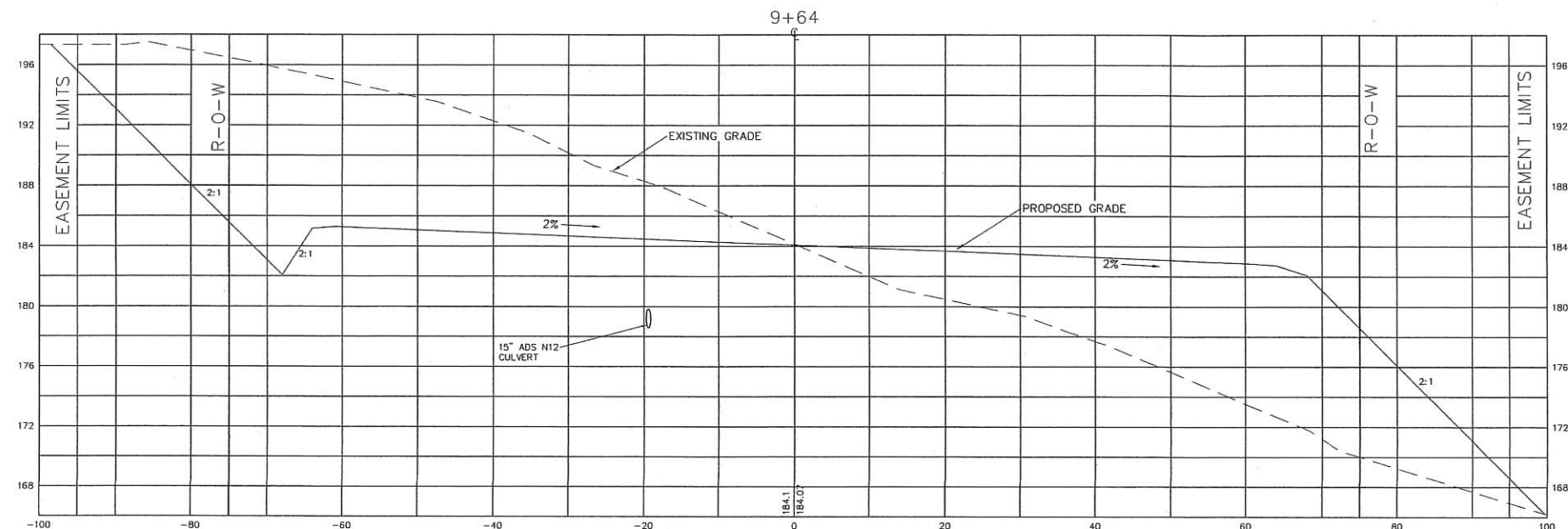
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 BARRINGTON, NH

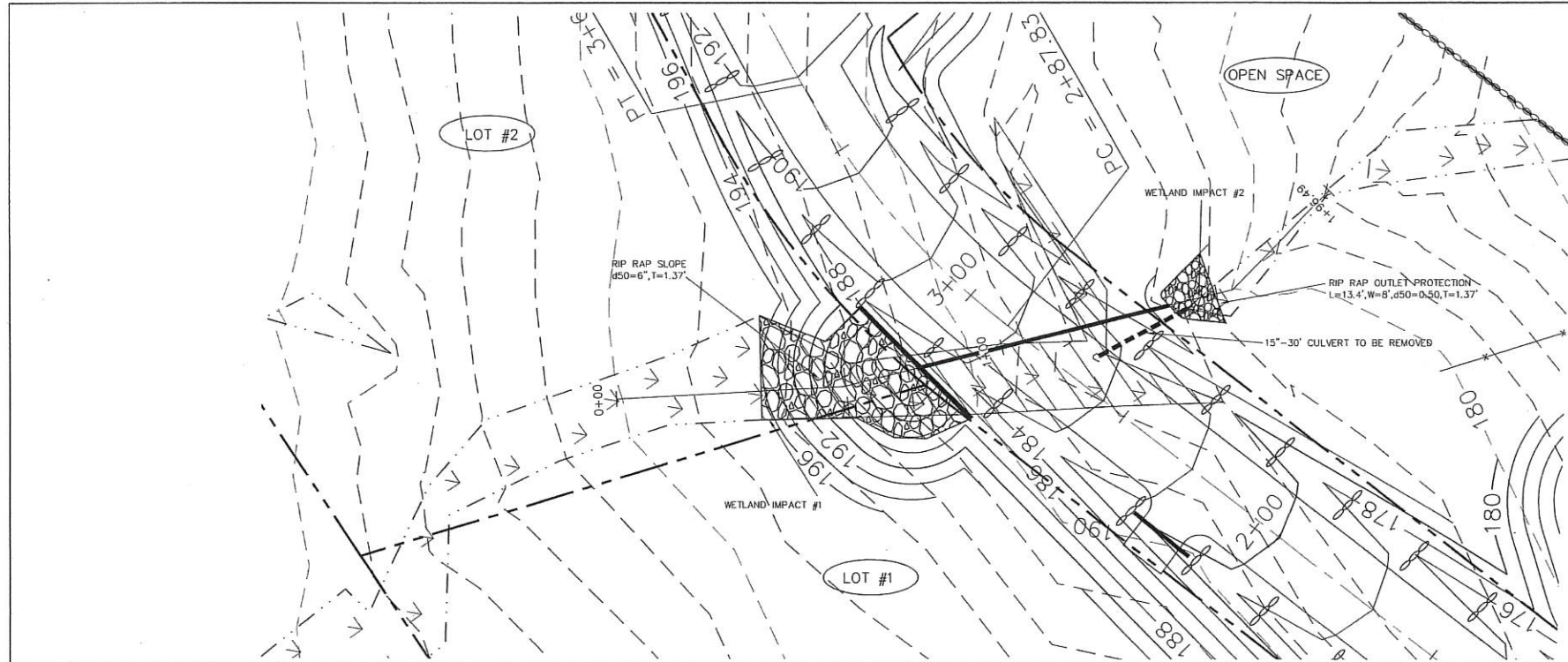
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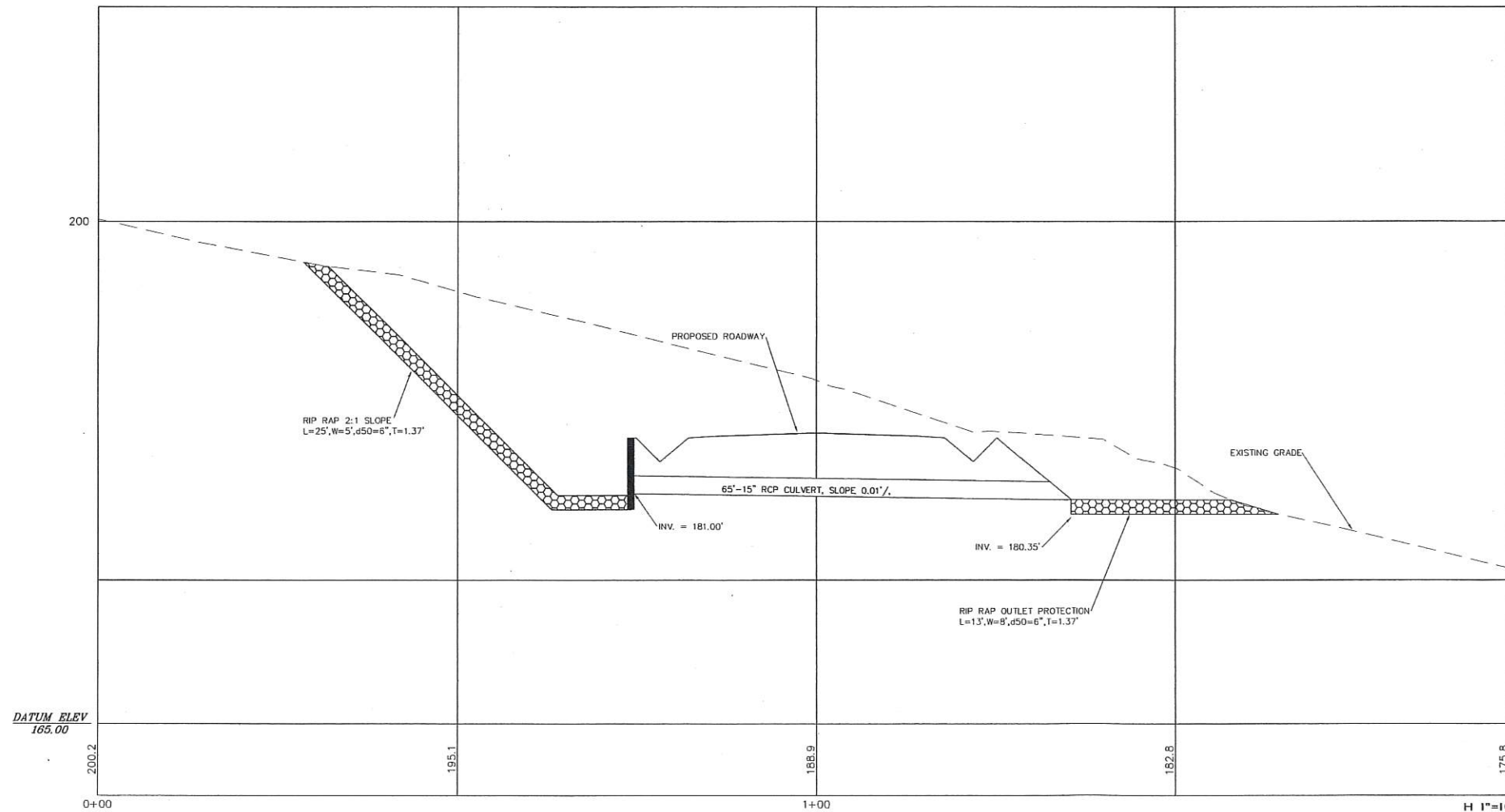
Date 3/3/2014

Chairman [Signature]





WETLAND IMPACTS
 #1 UPSTREAM = 2,140 SQ. FT.
 #2 DOWNSTREAM = 30 SQ. FT.
 TOTAL IMPACT = 2,170 SQ. FT.
 120' OF STREAM IMPACT



PLANNING BOARD
 BARRINGTON, NH
- APPROVED -
 PLANNING BOARD APPROVAL BLOCK
 File Number 233-30-14-Sub
 Date 7/2/2014
 Chairman [Signature]



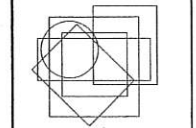
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NO.	DESCRIPTION
1	REVISIONS PER TOWN COMMENTS
2	CHANGED CULVERT FROM ADS-H12 TO RCP PER REVIEW
3	FINAL PLAN SUBMITTAL

WETLAND IMPACT PLAN - THATCHER WAY
 TAX MAP 233 LOT 30
RAMSDELL WOODS
 27 RAMSDELL LANE
 BARRINGTON, NH
 OWNED BY
GARY & GEORGE RAMSDELL
 RAMSDELL LANE, BARRINGTON, NH 03825

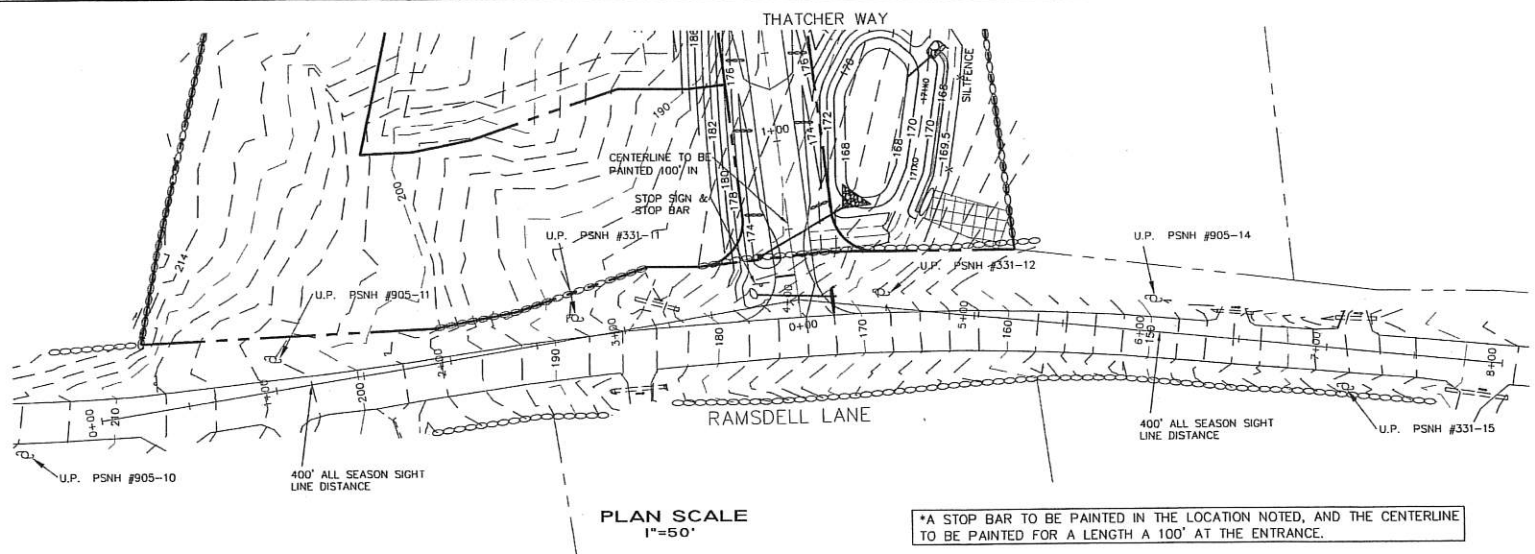
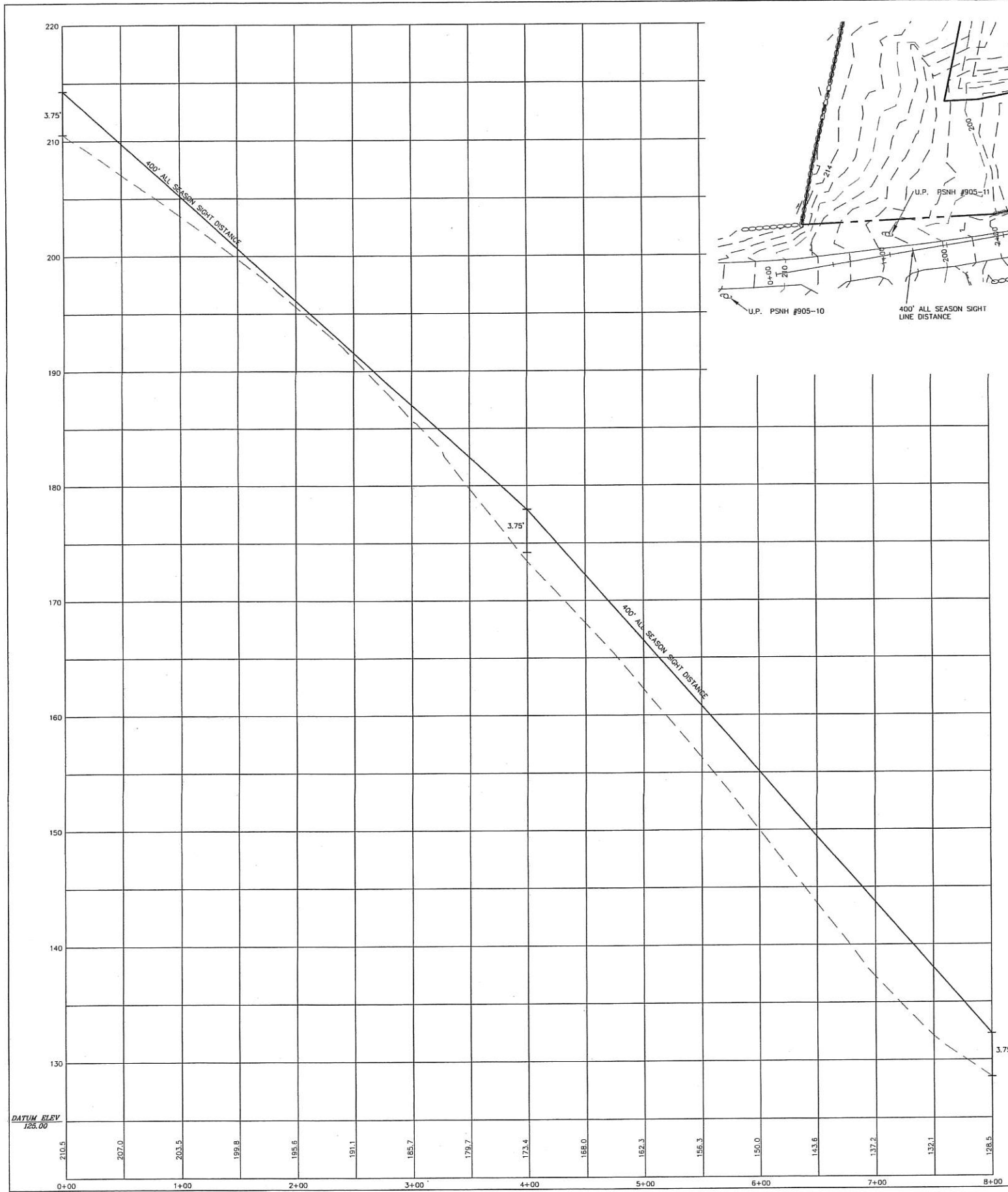
JANUARY 20, 2014

SCALE AS NOTED

BROWN ENGINEERING /SURVEYING



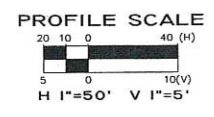
civil engineers, surveyors
 construction managers
 883C FIRST NH TURNPIKE
 NORTHWOOD, NEW HAMPSHIRE 03261
 Tel: (603) 677-7004
 Fax: (603) 677-7014



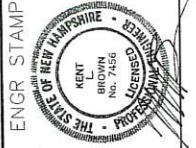
PLAN SCALE
1"=50'

*A STOP BAR TO BE PAINTED IN THE LOCATION NOTED, AND THE CENTERLINE TO BE PAINTED FOR A LENGTH A 100' AT THE ENTRANCE.

STATION	ELEVATION
0+00	210.5
1+00	207.0
2+00	203.5
3+00	199.8
4+00	196.6
5+00	191.1
6+00	185.7
7+00	179.7
8+00	173.4
9+00	168.0
10+00	162.3
11+00	156.3
12+00	150.0
13+00	143.6
14+00	137.2
15+00	132.1
16+00	128.5



PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 233-30-GR-14-Sub
Date 7/2/2014
Chairman [Signature]



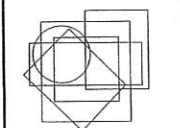
NO.	DESCRIPTION	DATE
1	REVISIONS PER TOWN COMMENTS	2-17-14
2	REVISIONS PER TOWN COMMENTS	3-7-14
3	FINAL PLAN SUBMITTAL	6-11-14

PLAN & PROFILE (THATCHER WAY) - SIGHT LINE
TAX MAP 233 LOT 30
RAMSDELL WOODS
27 RAMSDELL LANE
BARRINGTON, NH
OWNED BY
GARY & GEORGE RAMSDELL
RAMSDELL LANE, BARRINGTON, NH 03825

DECEMBER II, 2013

SCALE AS NOTED

BROWN
ENGINEERING
/SURVEYING



civil engineers, surveyors
construction managers
683C FIRST NH TURNPIKE
NORRWOOD, NEW HAMPSHIRE 03261
Tel: (603) 677-7004
Fax: (603) 677-7014

GENERAL NOTES:

- PROJECT ENGINEER: BROWN ENGINEERING AND SURVEYING, LLC., 683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261
PROJECT SURVEYOR: BROWN ENGINEERING AND SURVEYING, LLC., 683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261
PROJECT WETLAND SCIENTIST: WEST ENVIRONMENTAL, INC
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN OF BARRINGTON REGULATIONS AND THE LATEST EDITION OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
- IF, DURING CONSTRUCTION IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR, DEVELOPER OR OWNER ARE RESPONSIBLE TO DOCUMENT THE APPARENT DEFICIENCIES AND NOTIFY THE DESIGN ENGINEER PRIOR TO CONTINUING CONSTRUCTION ACTIVITIES. THE DESIGN ENGINEER, IN COOPERATION WITH THE CONTRACTOR, DEVELOPER OR OWNER WILL RESOLVE THE APPARENT DEFICIENCIES TO MEET APPLICABLE TOWN OF BARRINGTON REGULATIONS.
- IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED, THE CONTRACTOR, DEVELOPER OR OWNER SHALL BE REQUIRED TO INSTALL ADDITIONAL EROSION PROTECTION MEASURES.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO VERIFY THE LOCATION OF ALL UTILITIES OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR. (DIG SAFE NUMBER PROVIDED ON SHEET 1)
- THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AT ALL TIMES.
- NO EXCAVATED AREA SHALL BE LEFT UNATTENDED AND SHALL BE THOROUGHLY SECURED ON A DAILY BASIS.
- PLEASE REFER TO THE OTHER PLAN SHEETS IN THIS SET FOR ADDITIONAL CONSTRUCTION DETAILS AND NOTES.

CONSTRUCTION SEQUENCE:

- CUT AND CLEAR TREES WITHIN LIMIT OF WORK (PROPOSED TREELINE), UNLESS OTHERWISE NOTED. ALL STUMPS, BRANCHES, TOPS AND BRUSH TO BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN AND DETAILED IN THIS PLAN SET.
- CONSTRUCT TEMPORARY (silt fence) AND PERMANENT EROSION CONTROL FACILITIES (detention basins, treatment swales, grass swales and siltation basins) PRIOR TO ANY EARTH MOVING OPERATION.
- ALL SWALES AND DITCH LINES SHALL BE PROTECTED FROM EROSION. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING FLOW INTO THEM.
- ALL STORM DRAINAGE SYSTEMS SUCH AS DETENTION/RETENTION BASINS, TREATMENT SWALES AND LEVEL SPREADERS SHALL BE PROTECTED FROM EROSION. ALL STORM DRAINAGE SYSTEMS SHALL BE STABILIZED PRIOR TO DIRECTING FLOW INTO THEM.
- NO DITCH BASIN FRAME AND GRATE SHALL BE INSTALLED PRIOR TO PAVING. ALL DRAINAGE STRUCTURES ARE TO BE "PLATED" AND CUT OUT FOLLOWING PAVING OPERATIONS, ONLY IF ALL DOWNSIDE DRAINAGE ELEMENTS ARE STABLE, INCLUDING, BUT NOT LIMITED TO OUTLET PROTECTION, ALL SLOPE GRADING, VEGETATED OR RIPRAP SWALES, DETENTION BASIN AND TREATMENT SWALES.
- IF FRAME AND GRATES ARE INSTALLED, SPECIFIC SOIL EROSION MEASURES MUST BE INSTALLED SUCH AS GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER OR BLOCK AND GRAVEL DROP INLET SEDIMENT FILTER AS INDICATED ON DETAILS IN THIS PLAN SET.
- CONSTRUCT TEMPORARY CULVERTS, DIVERSION DITCHES/SWALES OR BERMS AS REQUIRED TO MINIMIZE THE EROSION EFFECTS OF STORMWATER RUNOFF DURING ALL CONSTRUCTION ACTIVITIES.
- COMPLETE GRUBBING OPERATIONS. ALL STUMPS AND DEBRIS SHALL BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
- ALL MATERIAL SUITABLE FOR USE AS TOPSOIL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SEEDED WITH WINTER RYE AND IF NECESSARY, SURROUNDED WITH SILT FENCE AND/OR HAY BALES, IN ORDER TO PREVENT OR CONTAIN SOIL EROSION.
- ALL MATERIAL SUITABLE FOR FILL OR SELECT MATERIAL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SURROUNDED WITH SILT FENCE AND/OR HAY BALES, IN ORDER TO CONTAIN SOIL EROSION.
- REMOVE ALL IMPROPER ROADWAY/SITE FOUNDATION MATERIAL WITHIN 15' OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL ACCEPTABLE TO THE STATE/TOWN SPECIFICATIONS. ALL SUITABLE FILL MATERIAL SHALL BE COMPACTED TO AT LEAST 95% OF THE DRY WEIGHT AS DETERMINED BY MODIFIED PROCTOR TESTING (ASTM D-1556) REQUIREMENTS.
- CONSTRUCT ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO SEWER, WATER, DRAIN, GAS, DATA, CABLE AND POWER.
- ROUGH GRADE ROADWAY/SITE WITHIN LIMIT OF WORK AND COMMENCE CONSTRUCTION OF ROADWAYS.
- COMPLETE ROADWAY SLOPE GRADING/EMBANKMENT CONSTRUCTION. ALL SLOPES SHALL BE STABILIZED AND SEEDED IMMEDIATELY AFTER GRADING. THE CONTRACTOR SHALL STABILIZE SLOPES WITH APPROPRIATE SEEDING PROGRAM OR JUTE MAT, WHEREVER SPECIFIED.
- APPLY TOPSOIL TO ROADWAY SLOPES AND OTHER AREAS DISTURBED BY CONSTRUCTION. TOPSOIL USED MAY BE NATIVE ORGANIC MATERIAL SCREENED AS TO BE FREE FROM ROOTS, BRANCHES, STONES, AND OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL BE APPLIED SO AS TO PROVIDE A MINIMUM OF A 4-INCH COMPACTED THICKNESS. UPON COMPLETION OF TOPSOILING, FINISHED SECTIONS ARE TO BE LINED, SEEDED, AND MULCHED. THE CONTRACTOR SHALL INSPECT COMPLETED SECTIONS OF WORK ON A REGULAR BASIS AND REMEDY ANY PROBLEM AREAS UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
- PERFORM FINAL PAVING OPERATIONS, INSTALL GUARDRAIL (IF APPLICABLE) AND MONUMENTATION AS SHOWN ON THE APPROVED PLANS.
- MAINTAIN, REPAIR, AND REPLACE TEMPORARY EROSION CONTROL MEASURES AS NECESSARY FOR A MINIMUM PERIOD OF 12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION.
- AFTER STABILIZATION (12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION), REMOVE AND PROPERLY DISPOSE OF TEMPORARY EROSION CONTROL MEASURES, PREFERABLY OFF SITE.
- FOLLOWING SUBSTANTIAL COMPLETION OF ALL ROADWAY ACTIVITIES AND ONCE STABLE CONDITIONS ARE ACHIEVED, CAREFULLY AND REGULARLY MONITOR CONSTRUCTION ACTIVITIES ON ALL INDIVIDUAL LOTS TO INSURE CONSTRUCTION ACTIVITIES ARE BEING PERFORMED IN SUCH A WAY AS NOT TO ENDANGER THE INTEGRITY OF ROADWAY EMBANKMENTS, STORMWATER SYSTEMS AND UTILITIES.
- AREAS SHALL BE CONSIDERED "STABLE" IF ONE OF THE FOLLOWING HAS OCCURRED:
A. GRAVEL BASE COURSE HAS BEEN PLACED AND COMPACTED (IN AREAS TO BE PAVED)
B. VEGETATIVE GROWTH IS 85% ESTABLISHED, BASED ON VISUAL OBSERVATIONS
C. RIPRAP OR NON-EROSIVE MATERIAL HAS BEEN PROPERLY INSTALLED, TO GRADATION & DEPTH SPECIFIED.
D. EROSION CONTROL BLANKETS (JUTE MATE OR EQUAL) HAVE BEEN PROPERLY INSTALLED

WINTER CONSTRUCTION NOTES

- ALL PROPOSED VEGETATIVE AREAS NOT STABLE OR DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING, MULCHING OR INSTALLING EROSION CONTROL BLANKETS. NO EROSION CONTROL MEASURES SHALL BE PLACED OVER SNOW OR FROZEN GROUND.
- WHEN WINTER CONSTRUCTION ACTIVITIES DISTURB SNOW OR FROZEN GROUND, THE CONTRACTOR WILL MAKE EVERY EFFORT TO MINIMIZE THE SIZE, DURATION AND FREQUENCY OF LAND DISTURBANCE. ALL DISTURBED AREAS ARE TO BE STABILIZED PRIOR TO SPRING THAW.
- ALL ROAD OR PARKING SURFACES AFTER NOVEMBER 15, WHICH HAS NOT BEEN PAVED, IF WORK HAS STOPPED, SHALL BE STABILIZED WITH CRUSHED AGGREGATE HAVING UNIFORM GRADATION AND A MINIMUM DEPTH OF 3".

PLANNING BOARD APPROVAL BLOCK

EROSION CONTROL NOTES

ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (EPA, NHDES AND TOWN OF BOSCAWEN). THE GENERAL NOTES AND DETAILS CONTAINED IN THIS PLAN SET SERVE AS A GUIDE ONLY.

- INSTALLATION OF SILTATION FENCES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION. PREFABRICATED SILTATION FENCES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- SILTATION FENCES SHALL BE KEPT CLEAN DURING CONSTRUCTION AND REMOVED WHEN ALL SLOPES HAVE A HEALTHY STAND OF VEGETATIVE COVER.
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EVERY RAINFALL.
- EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.
- THE AREA OF LAND EXPOSED AND THE TIME OF EXPOSURE SHALL BE MINIMIZED. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72.0 HOURS AFTER FINAL GRADING.
- ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" OF LOAM INSTALLED WITH NOT LESS THAN 1.1 POUNDS OF SEED MIX PER 1,000 SQ. FT. (SEE SEEDING SPECIFICATIONS ON THIS SHEET)
- LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS. PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.
- HAY MULCH OR JUTE MATTING SHALL BE USED IF/WHERE INDICATED ON THE PLANS. A MINIMUM OF 1.5 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDING AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDING AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS (OCTOBER 15 TO MAY 1).
- AVOID USING CHEMICAL DUST CONTROL WHENEVER POSSIBLE. CLEAN WATER SHALL BE USED FOR DUST CONTROL, WHENEVER POSSIBLE IN APPROPRIATE AREAS.

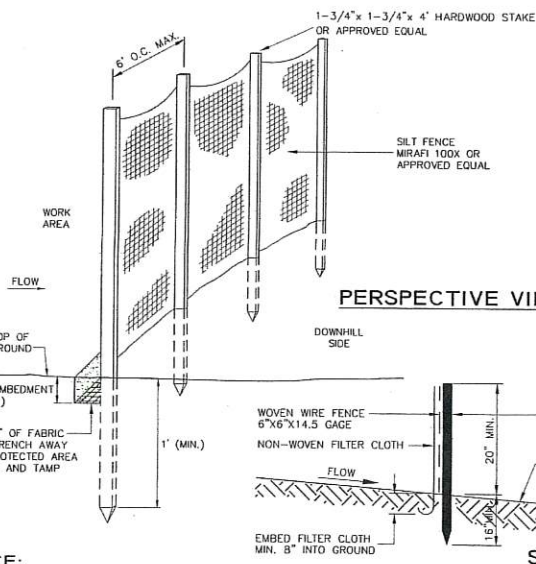
EPA: NPDES GENERAL NOTES

- THE PROPOSED LAND DISTURBANCE IS APPROXIMATELY 90,000 SF. THEREFORE, ACCORDING TO THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PHASE II CONSTRUCTION GENERAL PERMIT (CGP) SECTION 1.1, THIS PROJECT IS REQUIRED TO COMPLY WITH THE REGULATORY CRITERIA AND INTENT OF THE NPDES PHASE II PROGRAM, LATEST EDITION.
- THE OWNER AND CONTRACTOR ARE REQUIRED TO PREPARE, MAINTAIN AND HAVE ON FILE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
- THE OWNER AND CONTRACTOR ARE REQUIRED TO PREPARE, SUBMIT, POST ON SITE AND HAVE ON FILE A NOTICE OF INTENT (NOI). CONSTRUCTION MAY NOT COMMENCE UNTIL 7 DAYS AFTER EPA HAVE REVIEWED/APPROVED THE PROJECT NOI, WHICH GRANTS COVERAGE UNDER THE CGP (NHRT00000).
- THE CONTRACTOR/OWNER IS RESPONSIBLE TO POST THE NOI ON SITE IN A HIGHLY VISIBLE POSITION, PROTECTED FROM THE WEATHER.
- THE OWNER AND CONTRACTOR ARE REQUIRED TO INSTALL, INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES AS DESCRIBED ON THE APPROVED PLANS AND SWPPP INCLUDING INSPECTION LOGS.
- THE OWNER AND CONTRACTOR ARE REQUIRED TO PREPARE, SUBMIT, POST ON SITE AND HAVE ON FILE A NOTICE OF INTENT (NOI).
- THE OWNER OR CONTRACTOR MAY CONTACT THE NORTHEAST EPA REGIONAL COORDINATOR FOR RESOLUTION TO ANY NPDES, CGP, SWPPP, NOI OR NOT QUESTIONS, CONCERNS OR CLARIFICATION:

EPA REGIONAL REPRESENTATIVE: MS. THELMA MURPHY
US EPA, REGION 01 OFFICE OF ECOSYSTEM PROTECTION
1 CONGRESS STREET, SUITE 1100
BOSTON, MA 02114-2023
PHONE: (617) 918-1615
EMAIL: murphy.thelma@epa.gov

8. THE PROPOSED PROJECT WILL NOT REQUIRE STATE (NHDES) ALTERATION OF TERRAIN PERMIT, SINCE THE ANTICIPATED LAND DISTURBANCE IS NOT GREATER THAN 100,000 SF, ACCORDING TO ENV-W5 415.

9. THE PROPOSED PROJECT WILL REQUIRE STATE (NHDES) DREDGE AND FILL PERMIT, SINCE THE PROJECT DOES ANTICIPATE WETLAND DISTURBANCE, ACCORDING TO WT 302.04.

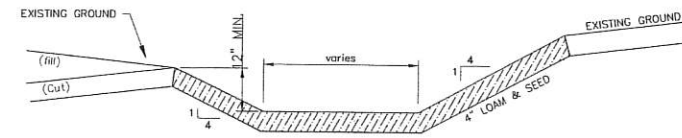


MAINTENANCE:

- SILT FENCES ARE TO BE INSPECTED IMMEDIATELY AFTER EVERY RAINFALL AND DAILY DURING PROLONGED RAINFALL EVENTS. THE CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE ANY AND ALL COMPROMISED SILT FENCE. ALL INSPECTIONS/MAINTENANCE EFFORTS SHALL BE RECORDED IN A DAILY LOG AS SPECIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE INEFFECTIVE AREA SHALL BE IMMEDIATELY REMOVED AND REPLACED.
- ALL SILT DEPOSITS SHOULD BE REMOVED AND PROPERLY DISPOSED, WHEN THE HEIGHT OF SILT IS EQUAL TO OR GREATER THAN ONE THIRD OF OVERALL BARRIER HEIGHT OR 12 INCHES, WHICHEVER COMES FIRST.
- ALL REMOVED SEDIMENT DEPOSITS OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED OUT IN CONFORMANCE WITH THE APPROVED PLANS, MULCHED AND RE-VEGETATED.

SILT FENCE

NOT TO SCALE



GRASS LINED BASIN OR SWALE

NOT TO SCALE

CONSTRUCTION NOTES:

- THE FOUNDATION AREA OF THE WATERWAY SHALL BE CLEARED AND GRUBBED OF ALL TREES, BRUSH, STUMPS AND OTHER OBJECTIONABLE MATERIAL. MATERIALS REMOVED SHALL BE DISPOSED OF SO THEY DO NOT INTERFERE WITH THE CONSTRUCTION OR PROPER FUNCTION OF THE WATERWAY.
- THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE DESIGN CRITERIA. THE WATERWAY SHALL BE FREE OF IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- EARTH FILLS REQUIRED TO MEET SUBGRADE REQUIREMENTS BECAUSE OF OVER EXCAVATION OR TOPOGRAPHY SHALL BE COMPACTED TO THE SAME DENSITY AS THE SURROUNDING SOIL TO PREVENT UNEQUAL SETTLEMENT THAT COULD CAUSE DAMAGE TO THE COMPLETED WATERWAY. EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER AS TO MINIMIZE EROSION AND AIR AND WATER POLLUTION. ALL APPROPRIATE STATE AND LOCAL LAWS AND REGULATIONS SHALL BE COMPLIED WITH FOR DESIGN AND INSTALLATION.
- THE WATERWAY SHALL BE STABILIZED USING THE APPROPRIATE "BEST MANAGEMENT PRACTICES" FOR VEGETATIVE MEASURES.

SEEDING SPECIFICATIONS

MIXTURE	POUNDS/ACRE	POUNDS/1,000 SF
TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BRODSFOOT TREFOLI	8	0.20
TOTAL	48	1.10

- SEEDBED PREPARATION
 - SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
 - STONES LARGER THAN FOUR 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 FOUR INCHES TO PREPARE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
- ESTABLISHING A STAND
 - 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 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 0.09 LBS. PER SQ. FT.
 - NITROGEN (N): 50 LBS. PER ACRE OR 1.1 LBS. PER 1000 SQ. FT.
 - PHOSPHATE (P₂O₅): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.
 - POTASH (K₂O): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 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)
 - 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 0.25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
 - REFER TO TABLE 7-35 OF "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE" FOR APPROPRIATE SEED MIXTURES AND TABLE 7-36 FOR RATES OF SEEDING. ALL LEGUMES (CROWN VETCH, BIRDFOOT TREFOLI, AND FLATPEA), MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
 - WHEN SEEDING AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDING AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
- MULCH
 - HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
 - MULCH WILL BE HELD IN PLACE USING TECHNIQUES FROM THE "BEST MANAGEMENT PRACTICE FOR FILE NUMBER 233-30-GR-14-Sub AS SHOWN IN "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE".
- MAINTENANCE TO ESTABLISH A STAND
 - PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
 - FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
 - IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

MAINTENANCE:

MAINTENANCE OF THE VEGETATION IN THE GRASSED WATERWAY IS EXTREMELY IMPORTANT IN ORDER TO PREVENT RILLING, EROSION AND FAILURE OF THE WATERWAY. MOWING SHOULD BE DONE FREQUENTLY ENOUGH TO KEEP THE VEGETATION IN VIGOROUS CONDITION AND TO CONTROL ENCROACHMENT OF WEEDS AND WOODY VEGETATION, HOWEVER IT SHOULD NOT BE MOWED TOO CLOSELY AS TO REDUCE EROSION RESISTANCE IN THE WATERWAY. THE WATERWAY SHOULD BE INSPECTED PERIODICALLY AND AFTER EVERY MAJOR STORM TO DETERMINE THE CONDITION OF THE SWALE. RILLS AND DAMAGED AREAS SHOULD BE PROMPTLY REPAIRED AND RE-VEGETATED AS NECESSARY TO PREVENT FURTHER DETERIORATION. FERTILIZE ON AN "AS-NEEDED" BASIS TO KEEP THE GRASS HEALTHY.

GENERAL DETAILS

RAMSDALL WOODS SUBDIVISION
TAX MAP 233 LOT 30

RAMSDALL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR: TUCK REALTY CORP. 34 RAEDER DRIVE STRATHAM, NH 03885
OWNER OF RECORD: GARY & GEORGE RAMSDALL 27 RAMSDALL LANE BARRINGTON, NH 03825

PREPARED BY:

BROWN ENGINEERING & SURVEYING LLC

683 FIRST NH TURNPIKE (RTE 4)
NORTHWOOD, NH 03261
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Tel: (603) 677-7014
www.browneengineeringllc.com

civil engineers, surveyors
construction managers

DECEMBER 11, 2013

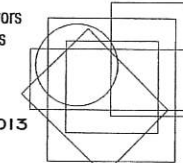
SCALE: AS NOTED

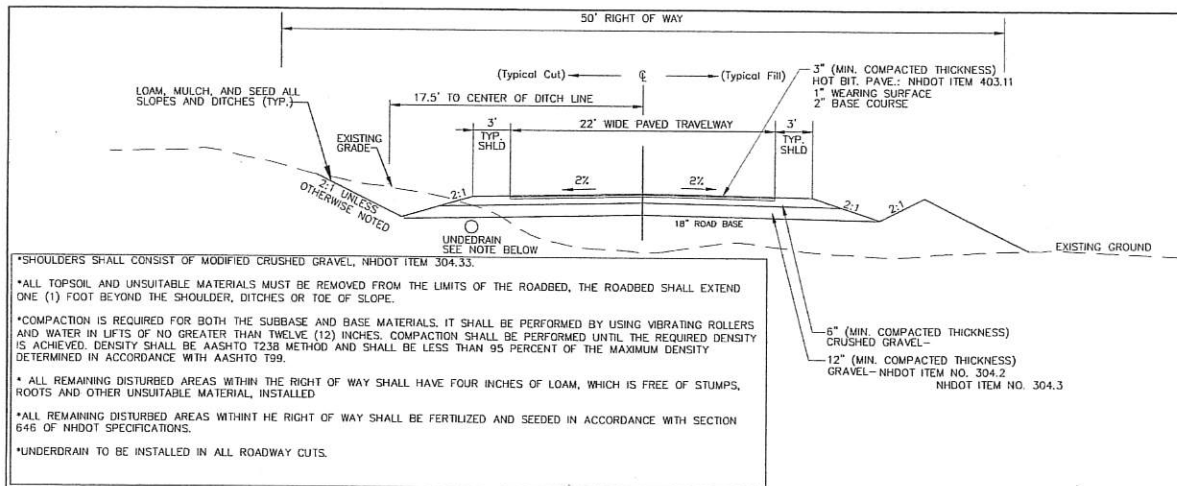
REV.	DATE	DESCRIPTION	SRF
2	11-14	FINAL PLAN SUBMITTAL	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF

JOB NO: 4714-03
SHEET 18 OF 22

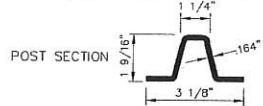
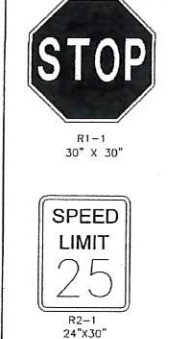
PLANNING BOARD
BARRINGTON, NH
-APPROVED-

File Number 233-30-GR-14-Sub
Date 12/2/2014
Chairman





TYPICAL ROADWAY SECTION



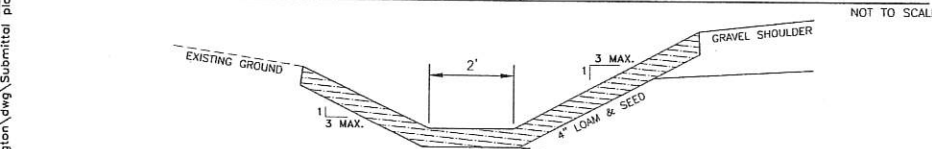
NOTES:

- LENGTH: P-12, 12'-0"; P-14, 14'-0"; P-16, 16'-0".
- WEIGHT PER LINEAR FOOT: 2.50 LBS. (MIN.)
- HOLES: 3/8" DIA. 1" C-C FULL LENGTH
- STEEL: SHALL CONFORM TO ASTM A-499 (GRADE 60) OR ASTM A-576 (GRADE 1070-1080).
- FINISH: SHALL BE PAINTED WITH TWO COATS OF AN APPROVED MEDIUM GREEN, BAKED ON OR AIR DRIED PAINT OF WEATHER RESISTANT QUALITY. ALL FABRICATION SHALL BE COMPLETE BEFORE PAINTING.

NOTES:

- POSTS SHALL BE PLUMB; ANY POST BENT OR OTHERWISE DAMAGED SHALL BE REMOVED AND PROPERLY REPLACED. POSTS MAY BE SET OF DRIVE.
- WHEN POSTS ARE SET, HOLES SHALL BE DUG TO THE PROPER DEPTH AFTER INSERTING POSTS, THE HOLES SHALL BE BACKFILLED WITH SUITABLE MATERIAL IN LAYERS NO TO EXCEED 6" DEEP THOROUGHLY COMPACTED, CARE BEING TAKEN TO PRESERVE THE ALIGNMENT OF THE POST.
- WHEN POSTS ARE DRIVEN, A SUITABLE DRIVING CAP SHALL BE USED AND AFTER DRIVING THE TOP OF THE POST SHALL HAVE SUBSTANTIALLY THE SAME CROSS-SECTIONAL DIMENSION AS THE BODY OF THE POST; BATTERED HEADS WILL NOT BE ACCEPTED.
- POSTS SHALL NOT BE DRIVEN WITH THE SIGN ATTACHED TO THE POST.
- SIGNS SHALL BE ERECTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- WHEN SIGN IS IN PLACE NO PART OF POST SHALL EXTEND ABOVE THE SIGN.
- DIMENSIONS SHOWN ARE NOMINAL.
- ALTERNATE SECTIONS MUST BE APPROVED PRIOR TO USE.

TRAFFIC SIGN POST IN GRADE



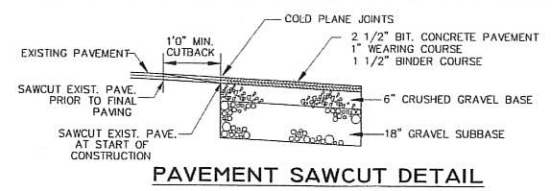
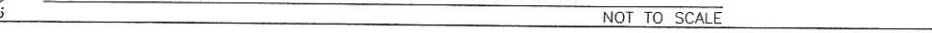
CONSTRUCTION NOTES:

- THE FOUNDATION AREA OF THE WATERWAY SHALL BE CLEARED AND GRUBBED OF ALL TREES, BRUSH, STUMPS AND OTHER OBJECTIONABLE MATERIAL.
- THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE DESIGN CRITERIA. THE WATERWAY SHALL BE FREE OF IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- EARTH FILLS REQUIRED TO MEET SUBGRADE REQUIREMENTS BECAUSE OF OVER EXCAVATION OR TOPOGRAPHY SHALL BE COMPACTED TO THE SAME DENSITY AS THE SURROUNDING SOIL TO PREVENT UNEQUAL SETTLEMENT.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER AS TO MINIMIZE EROSION AND AIR AND WATER POLLUTION.
- THE WATERWAY SHALL BE STABILIZED USING THE APPROPRIATE "BEST MANAGEMENT PRACTICES" FOR VEGETATIVE MEASURES PRIOR TO DIRECTING STORMWATER TO IT.

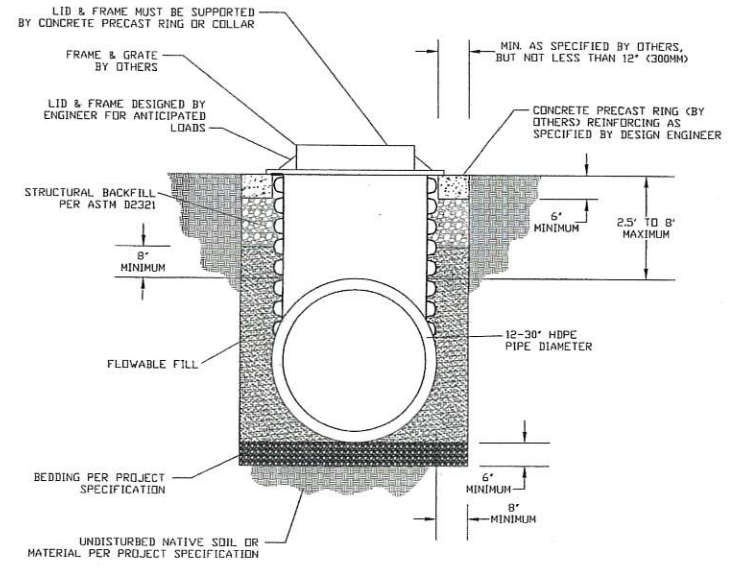
MAINTENANCE:

- THE WATERWAY SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY MAJOR STORM TO DETERMINE THE CONDITION OF THE SWALE. RILLS AND DAMAGED AREAS SHALL BE PROMPTLY REPAIRED AND RE-VEGETATED AS NECESSARY TO PREVENT FURTHER DETERIORATION.
- MAINTENANCE OF THE VEGETATION IN THE GRASSED WATERWAY IS EXTREMELY IMPORTANT IN ORDER TO PREVENT RILLING, EROSION AND FAILURE OF THE WATERWAY.
- MOWING SHOULD BE DONE FREQUENTLY ENOUGH TO KEEP THE VEGETATION IN VIGOROUS CONDITION AND TO CONTROL ENCROACHMENT OF WEEDS AND WOODY VEGETATION, HOWEVER IT SHOULD NOT BE MOWED SO CLOSELY AS TO REDUCE EROSION RESISTANCE IN THE WATERWAY.
- FERTILIZE ON AN "AS-NEEDED" BASIS TO KEEP THE GRASS HEALTHY.

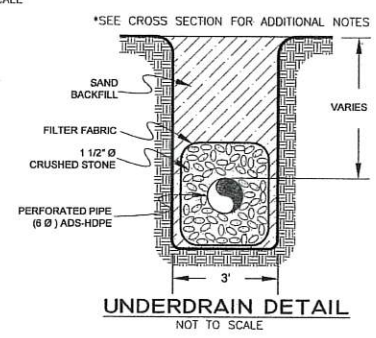
GRASS LINED ROADSIDE SWALE



PAVEMENT SAWCUT DETAIL



ADS RISER DETAIL



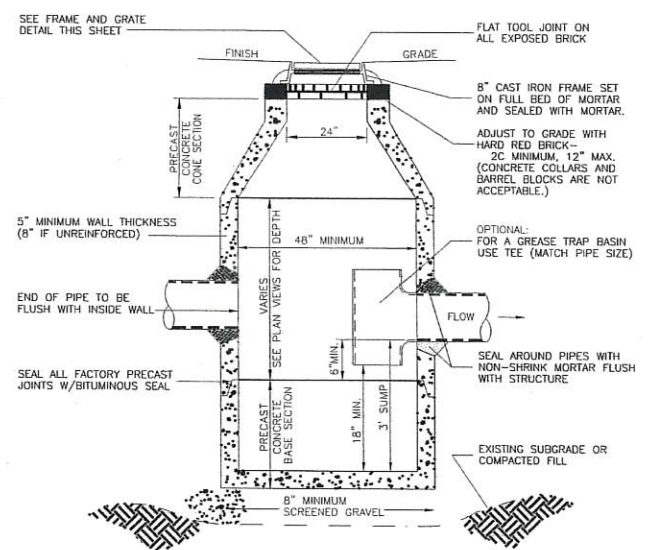
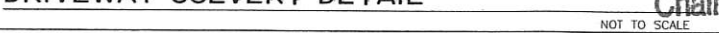
UNDERDRAIN DETAIL

STONE SIZE	% FINER BY WEIGHT
1"	0-15%
2"	15-30%
3"	30-50%
4"	50-90%
6"	100%

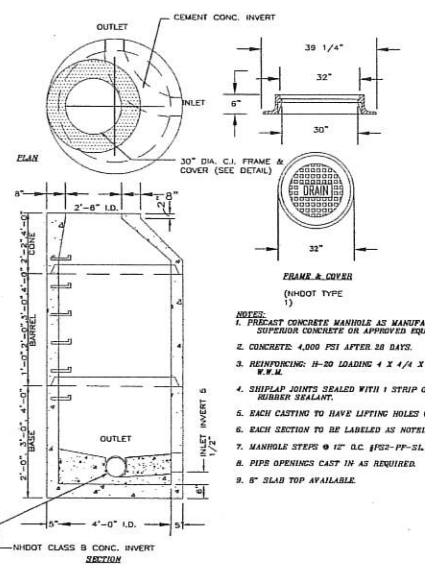
GENERAL NOTES:

- ALL CULVERTS TO BE CONSTRUCTED WITH A MINIMUM OF 2.0 FT. COVER.
- FLARED END SECTION TO FIT OVER END OF CULVERT.
- CULVERT TO EXTEND 3.0 FT. MIN. ON EITHER SIDE OF DRIVEWAY, MEASURED FROM THE EDGE OF PAVEMENT TO END OF CULVERT.
- CENTERLINE OF CULVERT TO BE ALIGNED WITH CENTERLINE OF SWALE.
- FINAL DRIVEWAY LOCATION, CULVERT SIZE AND LOCATION WILL BE FIELD DETERMINED.
- MINIMUM CULVERT SIZE IS 12" DIAMETER.

DRIVEWAY CULVERT DETAIL



CATCH BASIN



DRAIN MANHOLE

GENERAL DETAILS

**RAMSDALL WOODS SUBDIVISION
TAX MAP 233 LOT 30**
RAMSDALL LANE, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR: **TUCK REALTY CORP.**
34 RAEDER DRIVE
STRATHAM, NH 03885

OWNER OF RECORD: **GARY & GEORGE RAMSDALL**
27 RAMSDALL LANE
BARRINGTON, NH 03825

PREPARED BY: **BROWN ENGINEERING & SURVEYING LLC**
683 FIRST NH TURNPIKE (RTE 4)
NORTHWOOD, NH 03261
Tel: (603) 677-7004
Tel: (603) 677-7014
www.browneengineeringllc.com

civil engineers, surveyors
construction managers

SCALE: AS NOTED DECEMBER 11, 2013

REV	DATE	DESCRIPTION	BY
4	6-11-14	FINAL PLAN SUBMITTAL	SRF
3	3-24-14	REVISED UNDERDRAIN NOTES PER ENG. COMMENTS	SRF
2	5-7-14	ADDED UNDERDRAIN NOTES	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF

JOB NO: 4714-03
SHEET 19 OF 22

PLANNING BOARD APPROVAL BLOCK
BARRINGTON, NH

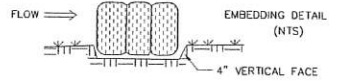
- APPROVED -

File Number **233-30-GR-14-Sub**
Date **7/2/2014**

Chairman *[Signature]*

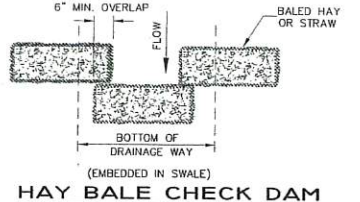
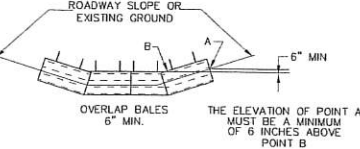


C:\Land Projects 2007\4714-03 Turner Porter - Ramsdall - Barrington.dwg Submitted plan set/dwg Jun 10, 2014 - 1:32pm



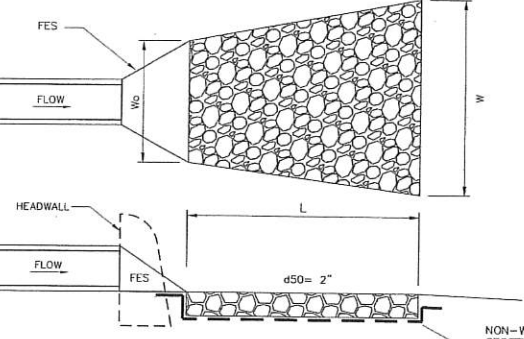
- NOTES:**
- STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
 - CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION WILL BE MINIMIZED.
 - WHEN HAY BALES ARE USED, THEY ARE TO BE EMBEDDED INTO THE SOIL 4 INCHES. WHEN TIMBERS ARE TO BE USED, THE TIMBER SHALL EXTEND AT LEAST 18 INCHES INTO THE SOIL.
 - HAY OR STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2"x2" STAKES DRIVEN THROUGHOUT THE BALES AT LEAST 18 INCHES INTO THE SOIL.
 - SEEDING, FERTILIZING AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE BMP.
 - STRUCTURES ARE TEMPORARY AND ARE TO BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS EXPIRED, WHEN A SOLID STAND OF GRASS HAS GROWN OR THE AFTER ANY STONE HAS STABILIZED.

PLAN VIEW



HAY BALE CHECK DAM

NOT TO SCALE



% FINER BY WEIGHT		% FINER BY WEIGHT	
STONE SIZE	D ₅₀ = 2"	STONE SIZE	CLASS C
2"	0-15%	3/4"	0-10%
3"	15-30%	1-1/2"	0-30%
4"	30-50%	4"	50-90%
6"	50-90%	12"	100%
9"	100%		

* FIFTY PERCENT BY WEIGHT OF THE RIP-RAP MIXTURE SHALL BE SMALLER THAN THE MEDIAN SIZED STONE DESIGNATED AS d₅₀. THE LARGEST STONE IN THE MIXTURE SHALL BE 1.5 TIMES THE d₅₀ SIZE.

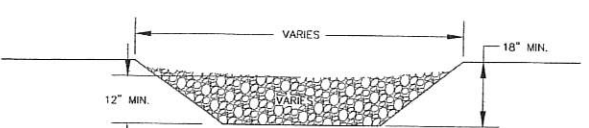
- NOTES:**
- THE INLET/OUTLET APRON SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
 - THE RIP-RAP SHALL CONFORM TO THE SPECIFIED GRADATION (d₅₀=2").
 - GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP-RAP. DAMAGED AREAS IN THE FABRIC SHALL 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 (ALL SIDES).
 - RIP-RAP MAY BE PLACED BY EQUIPMENT (AS TO PREVENT SEGREGATION OF THE STONE SIZES) AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION.

MAINTENANCE:

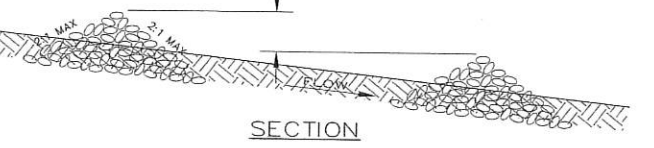
- THE OUTLET PROTECTION SHALL BE CHECKED AT LEAST BI-ANNUALLY AND AFTER EVERY SIGNIFICANT RAIN EVENT. IF THE RIP-RAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED, IT SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
- THE CHANNEL IMMEDIATELY BELOW THE OUTLET SHOULD BE CHECKED TO SEE THAT EROSION IS NOT OCCURRING.
- THE DOWNSTREAM CHANNEL SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS AND SEDIMENT THAT COULD CHANGE THE FLOW PATTERNS AND/OR TAILWATER DEPTHS ON THE PIPES.
- ALL REPAIRS MUST BE CARRIED OUT IMMEDIATELY TO AVOID DAMAGE TO THE OUTLET PROTECTION APRON.

PIPE OUTLET PROTECTION APRON

NOT TO SCALE



ELEVATION



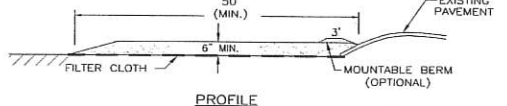
SECTION

TEMPORARY STONE CHECK DAM

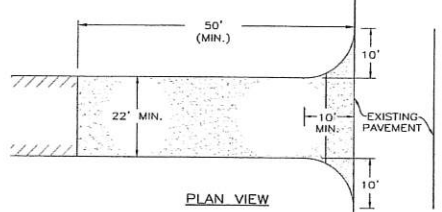
NOT TO SCALE

NOTES:

- 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 WILL BE MINIMIZED.
- WHEN HAY BALES ARE USED, THEY ARE TO BE EMBEDDED INTO THE SOIL 4 INCHES. WHEN TIMBERS ARE TO BE USED, THE TIMBER SHALL EXTEND AT LEAST 18 INCHES INTO THE SOIL.
- HAY OR STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2"x2" STAKES DRIVEN THROUGHOUT THE BALES AT LEAST 18 INCHES INTO THE SOIL.
- SEEDING, FERTILIZING AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE BMP.
- STRUCTURES ARE TEMPORARY AND ARE TO BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS EXPIRED, WHEN A SOLID STAND OF GRASS HAS GROWN AND STABILIZED.



PROFILE



PLAN VIEW

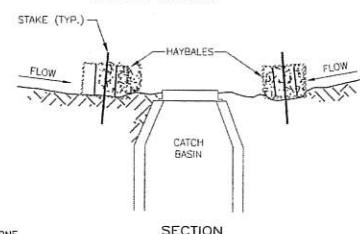
- NOTES:**
- STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
 - THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM WOULD APPLY.
 - THE THICKNESS OF 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 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 TOPRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.
 - WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

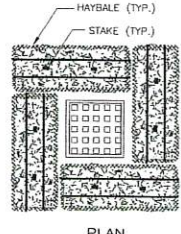
MAINTENANCE NOTES:

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

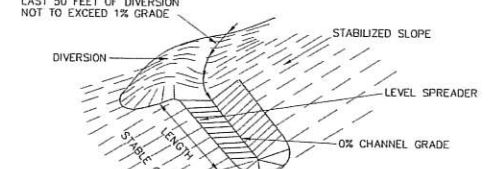


SECTION SEDIMENTATION CONTROL AT CATCH BASINS

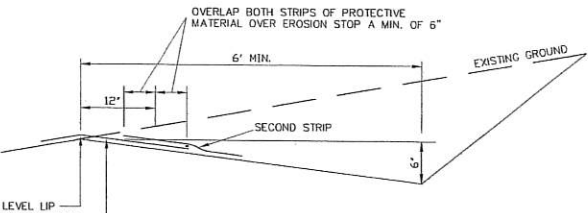
NOT TO SCALE



PLAN



ISOMETRIC VIEW



CROSS SECTION

NOTES:

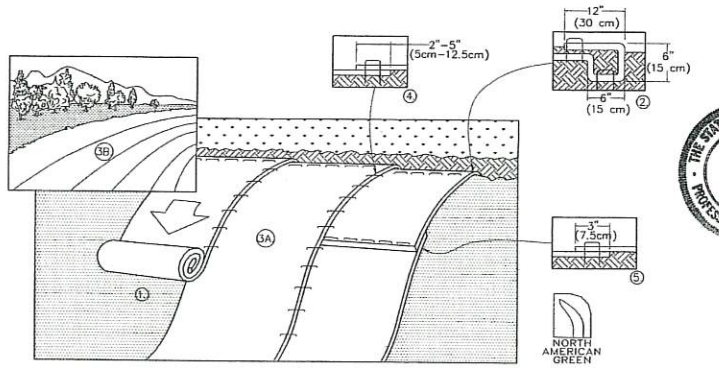
- CONSTRUCT THE LEVEL SPREADER LIP ON A ZERO PERCENT GRADE TO INSURE UNIFORM SPREADING OF RUNOFF.
- LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL, NOT ON FILL.
- AN EROSION STOP SHALL BE PLACED VERTICALLY A MINIMUM OF SIX INCHES DEEP IN A SLIT TRENCH ONE FOOT BACK FROM THE LEVEL LIP AND PARALLEL TO THE LIP. THE EROSION STOP SHALL EXTEND THE ENTIRE LENGTH OF THE LEVEL LIP.
- THE ENTIRE LEVEL LIP AREA SHALL BE PROTECTED BY PLACING TWO STRIPS OF JUTE OR U EXCELISOR MATTING ALONG THE LIP. EACH STRIP SHALL OVERLAP THE EROSION STOP BY AT LEAST SIX INCHES.
- THE ENTRANCE CHANNEL TO THE LEVEL SPREADER SHALL NOT EXCEED A ONE PERCENT GRADE FOR AT LEAST 50 FEET BEFORE ENTERING THE LEVEL SPREADER.
- THE FLOW FROM THE LEVEL SPREADER SHALL OUTLET ONTO STABILIZED AREAS. WATER SHOULD NOT BE ALLOWED TO RE-CONCENTRATE BELOW THE SPREADER.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PERFORMED.

MAINTENANCE

THE LEVEL SPREADER SHOULD BE CHECKED PERIODICALLY AND AFTER EVERY MAJOR STORM TO DETERMINE IF THE LIP HAS BEEN DAMAGED AND TO DETERMINE THAT THE MAJOR DESIGN CONDITIONS HAVE NOT CHANGED. ANY DETRIMENTAL SEDIMENT ACCUMULATION SHOULD BE REMOVED. IF RILLING HAS TAKEN PLACE ON THE LIP, THEN THE DAMAGE SHOULD BE REPAIRED AND RE-VEGETATED. THE VEGETATION SHOULD BE MOWED ON OCCASION TO CONTROL WEEDS AND THE ENDOCHMENT OF WOODY VEGETATION. CLIPPINGS SHOULD BE REMOVED AND DISPOSED OF OUTSIDE THE SPREADER AREA AND AWAY FROM THE OUTLET AREA. FERTILIZATION SHOULD BE DONE AS NECESSARY TO KEEP THE VEGETATION HEALTHY AND DENSE.

LEVEL SPREADER

NOT TO SCALE



NOTES:

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-0-SEED DO NOT SEED PREPARED AREA. CELL-0-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH. NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

SLOPE INSTALLATION

NOT TO SCALE

PLANNING BOARD APPROVAL BLOCK
BARRINGTON, NH
- APPROVED -

File Number 233-30-GR-14-Sub
Date 7/2/2014
Chairman *[Signature]*



EROSION CONTROL DETAILS

**RAMSDALL WOODS SUBDIVISION
TAX MAP 233 LOT 30**

RAMSDALL LANE, BARRINGTON, NEW HAMPSHIRE
PREPARED FOR: TUCK REALTY CORP. 34 RAEDER DRIVE STRATHAM, NH 03885
OWNER OF RECORD: GARY & GEORGE RAMSDALL 27 RAMSDALL LANE BARRINGTON, NH 03825

PREPARED BY: **BROWN ENGINEERING & SURVEYING LLC**

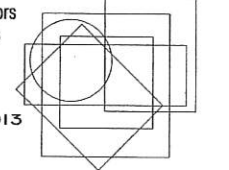
683 FIRST NH TURNPIKE (RTE 4) NORTHWOOD, NH 03261
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civil engineers, surveyors
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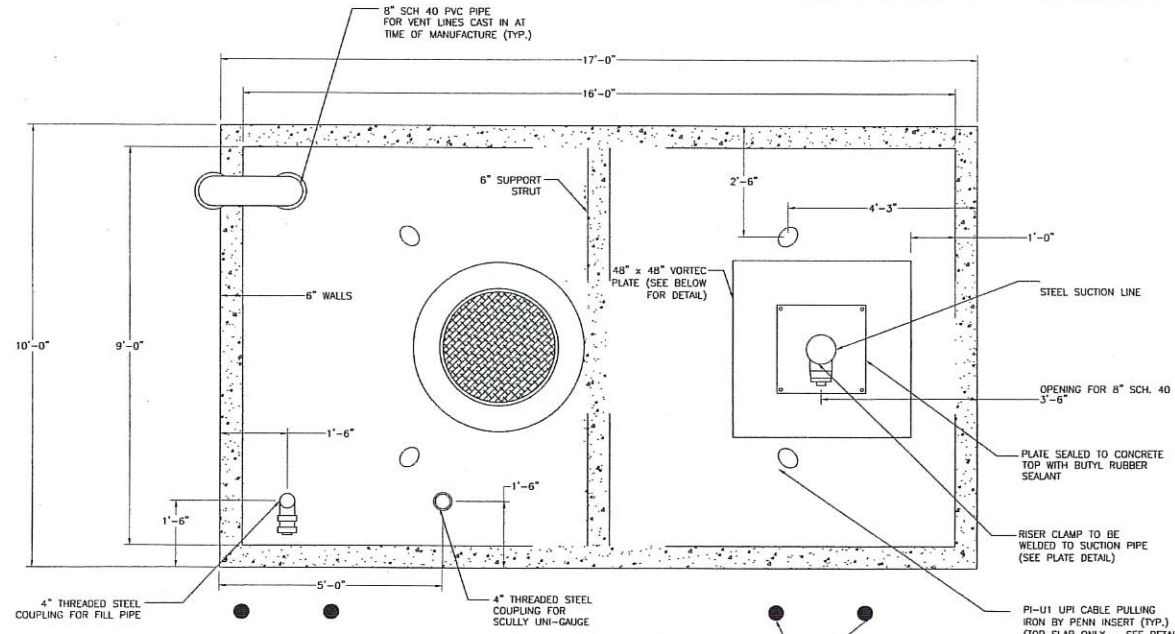
DECEMBER 11, 2013

SCALE: AS NOTED

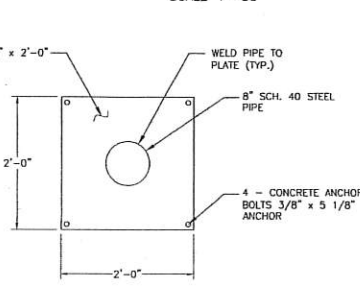
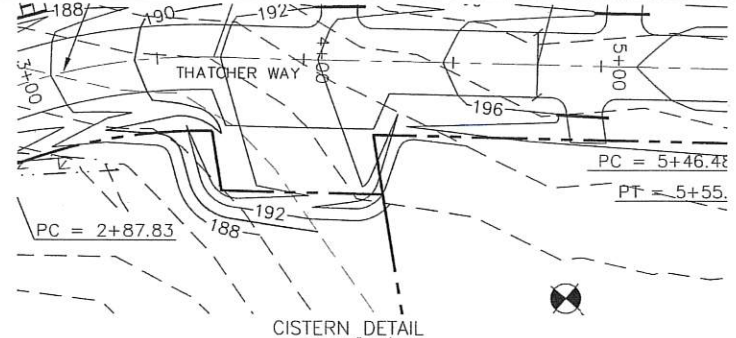
2	6-11-14	FINAL PLAN SUBMITTAL	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF
REV	DATE	DESCRIPTION	BY



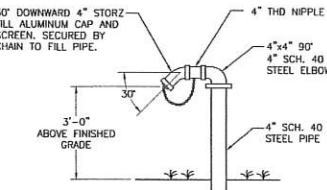
JOB NO: 4714-03
SHEET 20 OF 22



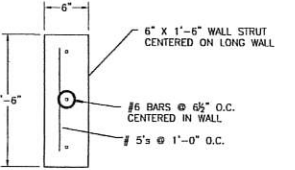
PLAN VIEW



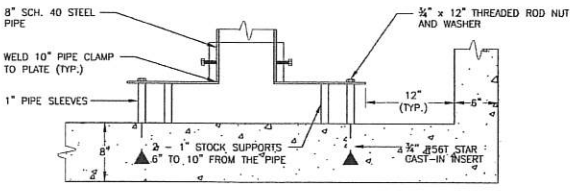
RISER CLAMP PLATE DETAIL



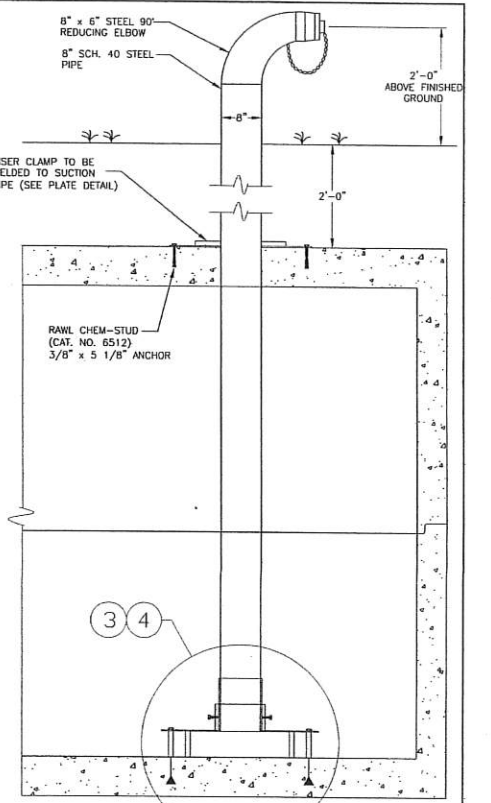
FILL LINE DETAIL



STRUT REINFORCING



ANTIVORTEX PLATE

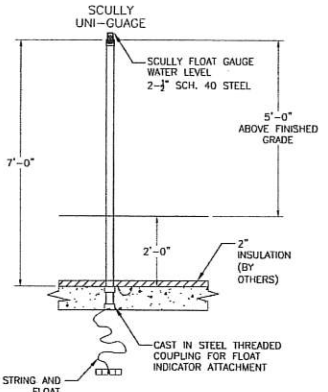


SUCTION ASSEMBLY DETAIL

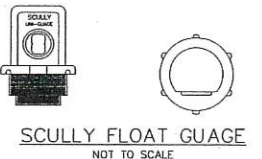
NOTE: 8" VERTICAL SUCTION PIPE, TERMINATING WITH AN 8" x 6" 90° THREADED REDUCING ELBOW AND A 6" NET OR 4" NET NOZZLE AND CAP. THE SUCTION PIPE CONNECTION SHOULD BE 20" - 24" ABOVE THE LEVEL OF THE ROAD OR SHOULDER WHERE THE VEHICLE WHEELS WILL BE LOCATED WHEN CISTERN IS IN USE.

- FOUNDATION & BACKFILL NOTES:**
- FOUNDATION MATERIAL SHALL BE 3/4" CRUSHED STONE, MINIMUM 12" THICK.
 - 1 1/2" BANKRUN GRAVEL SHALL BE USED FOR BACKFILL OPERATIONS SURROUNDING TANK. BACKFILL SHALL BE PLACED IN MAXIMUM 12" LOOSE LIFTS, 95% OF MAXIMUM DRY DENSITY BY MODIFIED PROCTOR METHOD (ASTM 1557).
 - TANK EXCAVATION SHALL BE KEPT DEWATERED THROUGHOUT INSTALLATION AND BACKFILL OPERATIONS.
 - ALL AREAS BETWEEN TANKS SHALL BE FILLED TO 6" ABOVE 16" DR 18 INTERCONNECTION PIPE WITH 3/4" CRUSHED STONE.

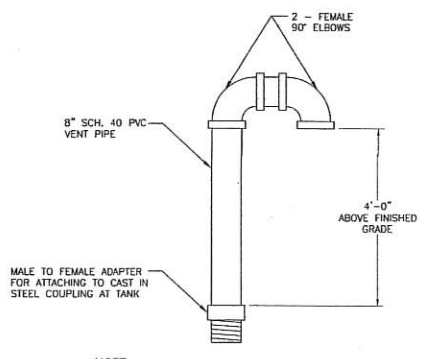
PLEASE NOTE FILL AND SUCTION LINES ARE TURNED 90° FROM ACTUAL LOCATION TO SHOW DETAIL



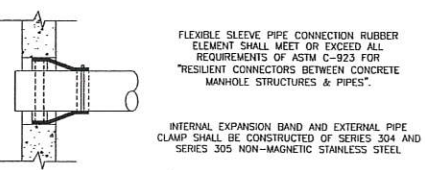
WATER LEVEL FLOAT INDICATOR DETAIL



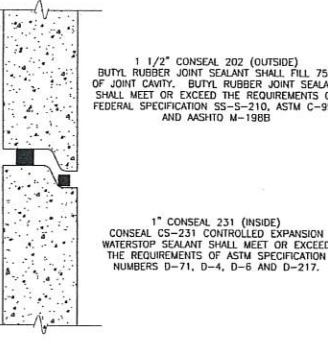
SCULLY FLOAT GAUGE



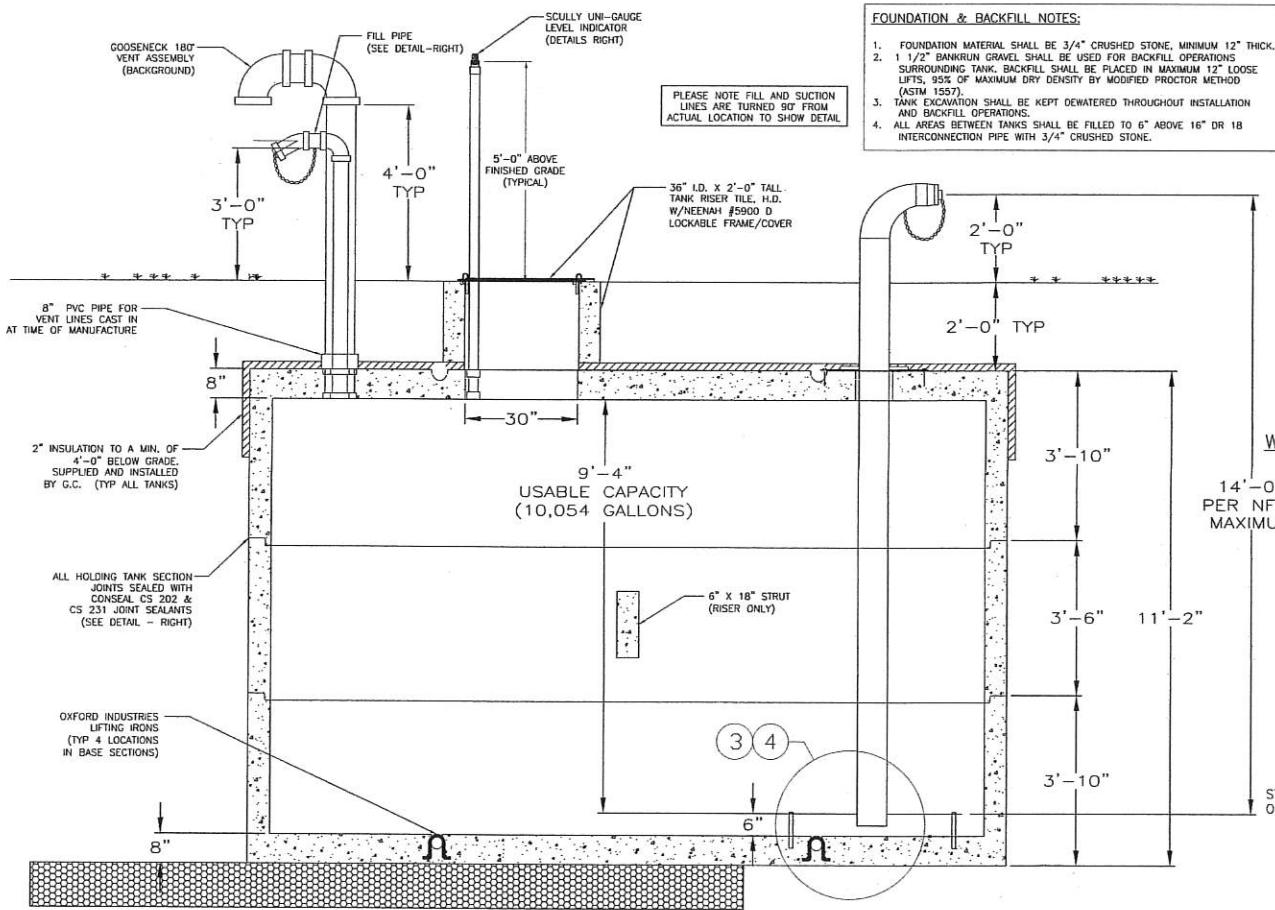
VENT PIPE DETAIL



FLEXIBLE SLEEVE PIPE CONNECTIONS



CONSEAL JOINT SEALANTS



PLAN VIEW

- NOTES:**
- CONCRETE: 5,000 PSI @ 28 DAYS. CEMENT TO BE TYPE III PER ASTM C-150.
 - REINFORCING TO BE PER ASTM A-615, GRADE 60 DEFORMED BILLET STEEL WITH 1" MINIMUM COVER UNLESS NOTED OTHERWISE.
 - REINFORCED TO MEET OR EXCEED REQUIREMENTS OF AASHTO HS20-44. COVER: 1" - 5".
 - ALL SECTION JOINTS SEALED WITH BUTYL RUBBER JOINT SEALANT PER ASTM C-990 & AASHTO M-198.
 - EXTERIOR TO BE ASPHALT COATED WITH SEABOARD LN-12 ASPHALT GILSONITE PAINT THAT MEETS THE REQUIREMENTS OF FEDERAL SPECIFICATION TT-C-494, TYPES I, II & III.
 - PENN INSERT AND OXFORD LIFTING ANCHORS PROVIDED FOR LIFTING, HANDLING AND SETTING PURPOSES AND SHALL BE LOCATED AS SHOWN ON THE DRAWING.
 - HEAVIEST SECTION TO WEIGH: 30,416#.



DETAIL PROVIDED BY:



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HENNIKER, NH 03242
PHONE: 603-428-3218
FAX: 603-428-7426

CISTERN DETAILS

**RAMSDELL WOODS SUBDIVISION
TAX MAP 233 LOT 30**

RAMSDELL LANE, BARRINGTON, NEW HAMPSHIRE
PREPARED FOR: TUCK REALTY CORP. OWNER OF RECORD: GARY & GEORGE RAMSDELL
34 RAEGER DRIVE STRATHAM, NH 03885 27 RAMSDELL LANE BARRINGTON, NH 03825

PREPARED BY: **BROWN ENGINEERING & SURVEYING LLC**

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civil engineers, surveyors
construction managers

DECEMBER II, 2013

SCALE: AS NOTED

2	16-11-14	FINAL PLAN SUBMITTAL	SRF
1	2-17-14	REVISIONS PER TOWN COMMENTS	SRF
REV.	DATE	DESCRIPTION	BY

JOB NO: 4714-03
SHEET 22 OF 22

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 233-30-GR-14-Sub
Date 7/2/2014
Chairman *[Signature]*