

PREPARED FOR:

OWNER OF RECORD:

COUNTY LINE HOLDINGS, LLC
8 LITTLE JOHN ROAD
DURHAM, NH 03824
JOHN H. FARRELL, MANAGER

APPLICANT:

SITE PLAN

FOR APPROVAL BY

THE TOWN OF BARRINGTON PLANNING BOARD

**White Tail
Condominiums**

COUNTY LINE HOLDINGS, LLC PROPERTY

ROUTE 202

BARRINGTON, NEW HAMPSHIRE
(TAX MAP 246 LOT 17.1)

**TOWN OF BARRINGTON
STRAFFORD COUNTY, NEW HAMPSHIRE**

PREPARED BY:

**AMERICAN ENGINEERING
CONSULTANTS, CORP.**

Durham, New Hampshire 03824
Tel: 603-868-1227
aecc.eng@comcast.com

**DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES**

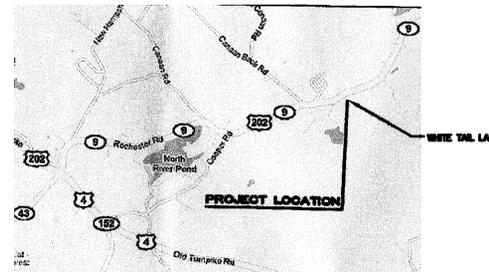
5 POWERS DRIVE
BARRINGTON, NH 03825-3350
TEL: (603) 664-5786

**RANDY R. ORVIS
WETLAND SCIENTIST**

P.O. Box 277
FARMINGTON, NH 03835

INDEX

- 1 COVER SHEET
- 2 CONSERVATION AREA PLAN
- 3 SITE PLAN
- 4 GRADING & DRAINAGE
- 5 GENERAL DETAILS
- 6 EROSION CONTROL DETAILS
- 7 DETENTION BASIN DETAILS



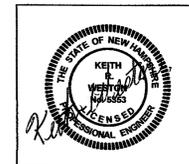
VICINITY MAP

SCRD Plan # 96-68
Lot Line Adjustment & Annexation
Plan. Revised to 12/20/07
By David W. Vincent, Land Surveyor

**JUNE 21, 2007
REVISED AUGUST 2013**

APPROVED BY THE
BARRINGTON PLANNING
BOARD

PLANNING BOARD
BARRINGTON, NH
- APPROVED -
File Number 246/17 SR 10/380
Date 9-5-13
Chairman [Signature]

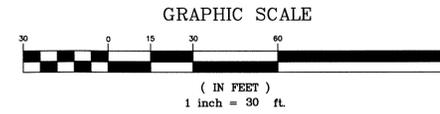


**KEITH WESTON
NEW HAMPSHIRE
PROFESSIONAL
ENGINEER**

ALL UTILITIES TO BE UNDERGROUND

LANDSCAPE-ROW OF TREES (SPRUCE, PINE OR FIR)
10'-12' TALL (MIN. OF 20 TREES) ALONG RTE. 202

STREET LIGHT TO BE ADDED BY PSNH
EXIST. CISTERN LOCATION



Route 202 & 9

LEGEND:

- EDA Effluent Disposal Area (4,000 s.f.)
- SCRD Strafford County Registry of Deeds
- Iron Rod Found
- Stone Bound Found
- Stone Bound to be Set
- Iron Rod to be Set
- Utility Pole
- Drill Hole Found
- Edge of Wetlands
- ▨ Wetlands
- Building Setback
- Stone Wall
- Culvert
- Building Envelope

SITE DATA BLOCK

ZONE: GENERAL RESIDENTIAL DISTRICT AND HIGHWAY COMMERCIAL
OVERLAY DISTRICT
PROPOSED USE: 7-3 BEDROOM RESIDENTIAL CONDOMINIUMS

AREA CALCULATIONS

TOTAL LOT AREA	= 973,539 S.F. (22.35AC.)
UNITS ALLOWED	= 973,539 S.F. / 80,000 S.F. = 12 UNITS
IMPERVIOUS AREA CALCULATIONS	
PAVEMENT	= 4,660 S.F. (0.11 AC.)
BUILDING AREA	= 8,890 S.F. (0.20 AC.)
DRIVEWAYS	= 6,110 S.F. (0.14 AC.)
TOTAL IMPERVIOUS AREA	= 19,660 S.F. (0.45 AC.) = 2.0%
OFF-STREET PARKING REQUIREMENTS	
MINIMUM CAR PARKING SPACE SIZE: 9' WIDE BY 18' LONG	
REQUIRED: 2 SPACE PER RESIDENCE	= 14 SPACES
TOTAL REQUIRED	= 14 SPACES
PROVIDED	= 14 SPACES

PERMITS:

REQUIRED- STATE OF NEW HAMPSHIRE DRIVEWAY PERMIT
06-027-472
STATE OF NEW HAMPSHIRE DES SUBDIVISION APPROVAL
SA2011009649

NOTES:

ACTUAL FOOTPRINTS SHOWN MAY CHANGE BUT MUST REMAIN WITHIN THE BUILDING ENVELOPE
ALL BUILDINGS MUST MAINTAIN 25' SEPARATION BETWEEN BUILDINGS
WELLS & SEPTIC SYSTEMS TO MEET STATE OF NEW HAMPSHIRE DES SEPTIC APPROVAL

PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number _____
Date _____
Chairman _____

LAND USE OFFICE
SEP 03 2013
RECEIVED

ISSUE	DATE	DESCRIPTION	BY	CHKD.
1	10/07	EDA	KRW	KRW
2	01/08	ADD NOTES PER COMMENTS	KRW	KRW
3	03/08	COMMENTS FROM BERGER	KRW	KRW
4	05/2010	COMMENTS FROM BERGER	KRW	KRW
5	08/2010	REVISED TO SINGLE UNITS	KRW	KRW
6	06/2011	REVISED TO BARRINGTON COMMENTS	KRW	KRW
7	08/2011	REVISED TO BARRINGTON COMMENTS	KRW	KRW

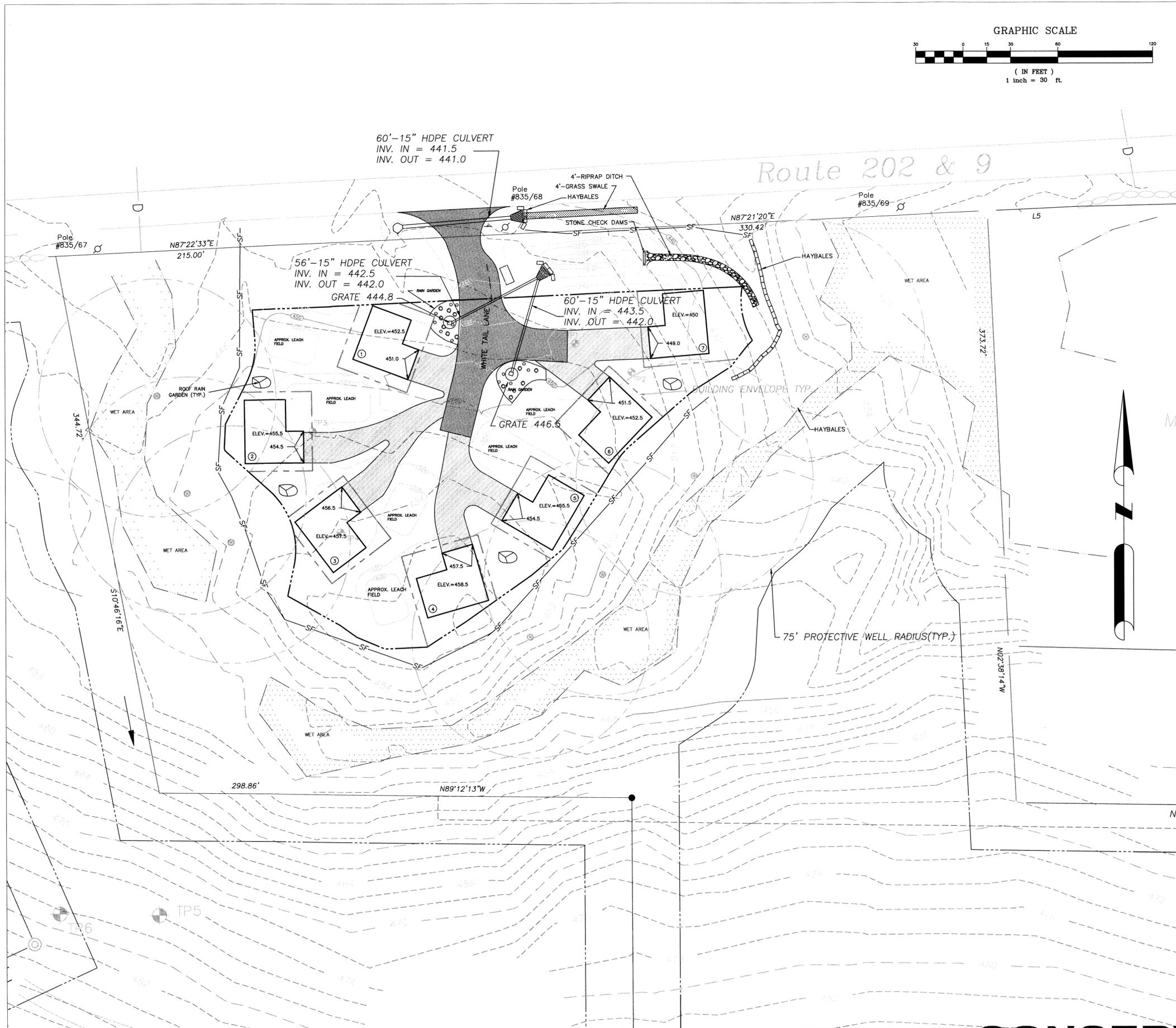
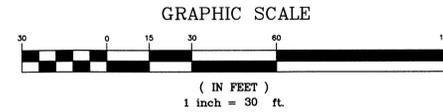
AMERICAN ENGINEERING
CONSULTANTS, CORP.

12 Meserve Road, Durham, NH 03824 (603)868-1227



WHITE TAIL CONDOMINIUMS
SITE PLAN (REVISED)
Barrington, New Hampshire

DESIGNED: KW
CAD: 06-08-07
DATE: JUNE, 2007
JOB No.: RTE 202
SCALE: H: 1" = 30'
V: n/a
SHEET OF



- LEGEND:**
- EDA Effluent Disposal Area (4,000 s.f.)
 - SCRD Strafford County Registry of Deeds
 - Iron Rod Found
 - Stone Bound Found
 - Stone Bound to be Set
 - Iron Rod to be Set
 - Utility Pole
 - Drill Hole Found
 - Edge of Wetlands
 - Wetlands
 - Building Setback
 - Stone Wall
 - Culvert
 - Building Envelope

SITE DATA BLOCK

ZONE: GENERAL RESIDENTIAL DISTRICT AND HIGHWAY COMMERCIAL OVERLAY DISTRICT
 PROPOSED USE: 7-3 BEDROOM RESIDENTIAL CONDOMINIUMS

AREA CALCULATIONS

TOTAL LOT AREA = 973,539 S.F. (22.35AC.)
 UNITS ALLOWED = 973,539 S.F./ 80,000 S.F. = 12 UNITS

IMPERVIOUS AREA CALCULATIONS

PAVEMENT = 4,660 S.F. (0.11 AC.)
 BUILDING AREA = 8,890 S.F. (0.20 AC.)
 DRIVEWAYS = 6,110 S.F. (0.14 AC.)

TOTAL IMPERVIOUS AREA = 19,660 S.F. (0.45 AC.) = 2.0%

OFF-STREET PARKING REQUIREMENTS
 MINIMUM CAR PARKING STALL SIZE: 9' WIDE BY 18' LONG

REQUIRED: 2 SPACE PER RESIDENCE = 14 SPACES
 TOTAL REQUIRED = 14 SPACES
 PROVIDED: 14 SPACES

PERMITS:

REQUIRED- STATE OF NEW HAMPSHIRE DRIVEWAY PERMIT # 06-027-472
 STATE OF NEW HAMPSHIRE DES SUBDIVISION APPROVAL # SA2011009649

NOTES:

ACTUAL FOOTPRINTS SHOWN MAY CHANGE BUT MUST REMAIN WITHIN THE BUILDING ENVELOPE

ALL BUILDINGS MUST MAINTAIN 25' SEPARATION BETWEEN BUILDINGS

WELLS & SEPTIC SYSTEMS TO MEET STATE OF NEW HAMPSHIRE DES SEPTIC APPROVAL

RAIN GARDEN NOTES:

THE RAIN GARDENS SHOWN WERE ADDED IS TO INCREASE WATER QUALITY FOR 80+% OF THE STORMS THAT ARE BELOW THE TWO YEAR DESIGN STORM THRESHOLD. THEY WILL NOT AFFECT THE QUANTITY OF WATER DISCHARGED FROM THE APPROVED SITE PLAN FOR THE DESIGN STORMS.

PLANNING BOARD
 BARRINGTON, NH
-APPROVED-
 File Number: _____
 Date: _____
 Chairman: *[Signature]*

LAND USE OFFICE
 SEP 03 2013
RECEIVED

ISSUE	DATE	DESCRIPTION	BY	CHKD.
1	10/07	ADD NOTES PER COMMENTS	KRW	KRW
2	07/08	COMMENTS FROM BERGER	KRW	KRW
3	03/08	COMMENTS FROM BERGER	KRW	KRW
4	05/2010	REVISED TO SINGLE UNITS	KRW	KRW
5	06/2010	REVISED TO BARRINGTON COMMENTS	KRW	KRW
6	06/2011	REVISED TO BARRINGTON COMMENTS	KRW	KRW
7	08/2011	REVISED TO BARRINGTON COMMENTS	KRW	KRW

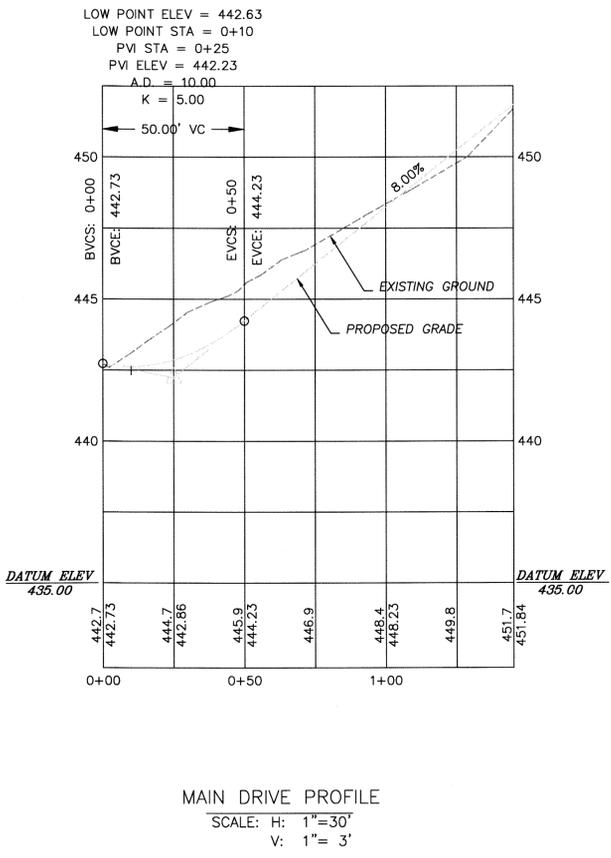
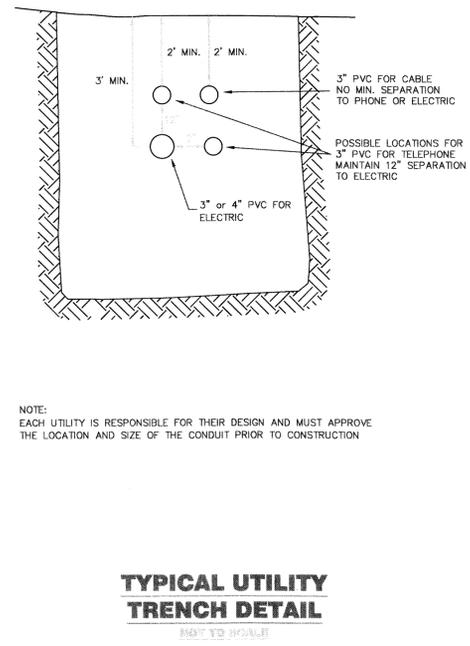
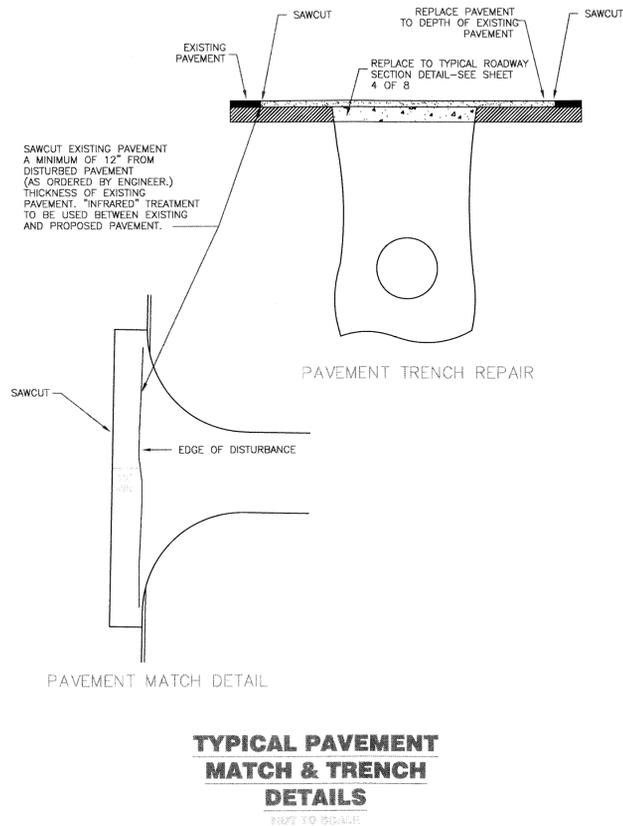
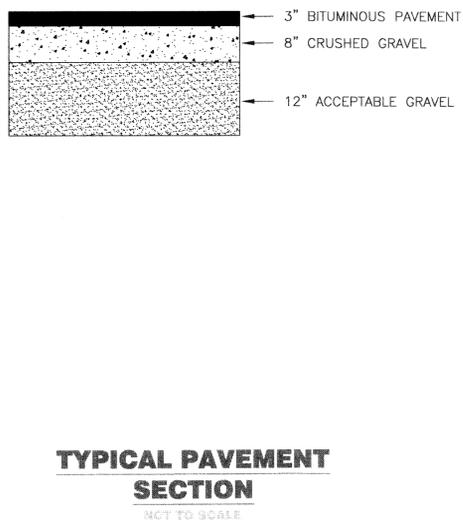
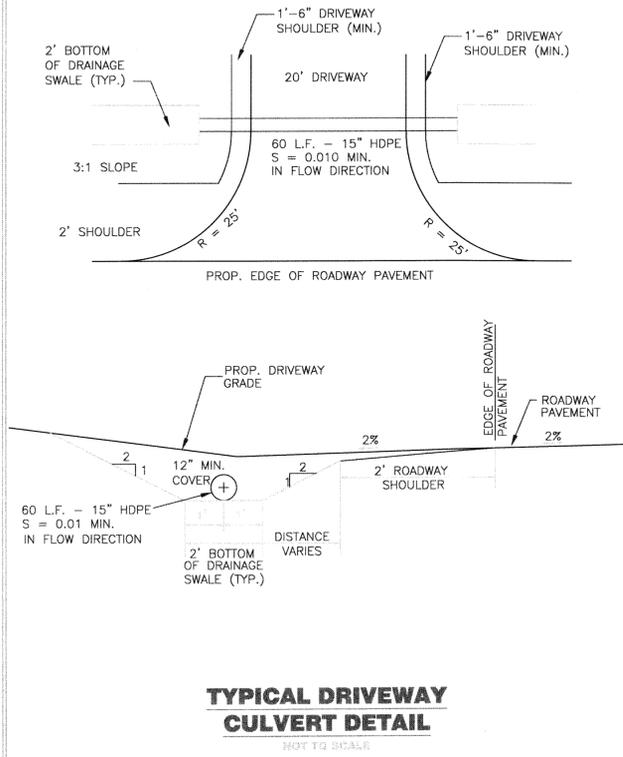
AMERICAN ENGINEERING
 CONSULTANTS, CORP.

12 Meserve Road, Durham, NH 03824 (603)868-1227



**WHITE TAIL CONDOMINIUMS
 GRADING & DRAINAGE**
Barrington, New Hampshire

DESIGNED: KW
 CAD: 06-08-07
 DATE: JUNE, 2007
 JOB No.: RTE 202
 SCALE: H: 1" = 30'
 V: n/a
 SHEET OF



BARRINGTON APPROVAL NOTES:

The Subdivision & Site Plan Regulations are part of this plat and approval of this plat is contingent on completion of all the requirements set forth in the applicable regulations, excepting only any variance or modifications made in writing by the planning Board and attached hereto.

This approval is granted on compliance with all applicable Subdivision, Site Plan Regulations, and Zoning Ordinance.

In consideration for approval and the privileges accruing there to, the applicant hereby agrees:

- To carry out the improvements agreed upon as shown and intended by said plat, including any work made necessary by unforeseen conditions which become apparent during construction of the site plan.
- To post all streets "Private" until accepted by the Town and to provide and install street signs as approved by the Selectmen of the Town for all street intersections.
- To give the Town on demand, proper deeds for land or rights-of ways reserved on the plat for streets, drainage, or other purposes as agreed upon.
- To save the Town harmless from any obligation it may incur or repairs it may make of my failure to carry out of the forgoing provisions.
- Applicant _____ of _____ to whom all communications to the applicant may be addressed with any proceedings arising out of the agreement herein.
- 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.

SIGNATURE OF DEVELOPER _____

BARRINGTON FIRE DEPARTMENT NOTES:

- Fire protection cistern to be maintained year round.
- All fire protection cistern connections are to be painted red.
- "NO PARKING" signs are to be placed in area of cistern.
- Tie in driveway to cistern pull-off area.

CONSTRUCTION NOTES:

- 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.
- WATER AND SEWER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NHDES STANDARDS FOR SEWER CONSTRUCTION AND WATER SYSTEM CONSTRUCTION.
- ALL UTILITIES, INCLUDING ELECTRIC, CABLE, AND TELEPHONE SHALL BE UNDERGROUND. ALL UTILITIES SHALL BE DESIGNED AND INSTALLED BY THE INDIVIDUAL UTILITY COMPANIES.
- STREET SIGNS AND TRAFFIC CONTROL DEVICES WILL BE INSTALLED PER THE STANDARDS OF PUBLIC WORKS AND AT THE DEVELOPERS EXPENSE.
- DIMENSIONS, LOCATIONS AND FINAL GRADES ARE APPROXIMATE, OWNER SHALL HAVE THE RIGHT TO MAKE LOCATION CONFIGURATION, SIZE MINOR FIELD CHANGES TO AND FINAL GRADE OF BUILDINGS AND OTHER IMPROVEMENTS IN CONSULTATION WITH THE CODE ENFORCEMENT OFFICER AT THE TIME OF CONSTRUCTION, PROVIDED SUCH CHANGES MEET APPLICABLE REGULATIONS AND ARE CONSISTENT WITH THE INTENT OF THIS SITE PLAN.
- PRIOR TO THE START OF ANY EXCAVATION THE CONTRACTOR BY LAW IS REQUIRED TO NOTIFY ALL UTILITIES THAT MAY BE LOCATED IN THE AREA. CONTACT DIG SAFE @ 1-888-344-7233 TO ASSIST WITH THIS NOTIFICATION.
- ELEVATIONS AND CONTOURS ARE BASED ON NGVD 1983
- EXISTING UTILITIES - ALL INFORMATION ON, AND LOCATION OF, EXISTING UTILITIES ARE APPROXIMATE AND BASED ON FIELD INFORMATION AND AVAILABLE PLANS. EXACT LOCATIONS AND DEPTHS TO BE VERIFIED BY THE CONTRACTOR

PLANNING BOARD
 BARRINGTON, NH
-APPROVED-
 File Number _____
 Date _____
 Chairman *[Signature]*

LAND USE OFFICE

SEP 03 2013
 RECEIVED

ISSUE	DATE	DESCRIPTION	BY	CHKD.
1	10/07	ADD NOTES PER COMMENTS	KRW	
2	05/2010	REVISED PROFILE	KRW	
3	06/2011	REVISED TO BARRINGTON COMMENTS	KRW	
4	08/2011	REVISED TO BARRINGTON COMMENTS	KRW	

AMERICAN ENGINEERING CONSULTANTS, CORP.
 12 Meserve Road, Durham, NH 03824 (603)868-1227



WHITE TAIL CONDOMINIUMS
 DETAILS
Barrington, New Hampshire

DESIGNED:	KW
CAD:	06-08-07
DATE:	JUNE, 2007
JOB No.:	RTE 202
SCALE: H:	n/a
V:	n/a
SHEET	OF
5	7

EROSION CONTROL GENERAL NOTES

A. General
Erosion & sediment control practices include the use of hay bale barriers, silt fences, treatment swales and grass and/or rock lined swales. All erosion practices will be constructed and maintained according to minimum standards and specifications contained in the "Storm Water Management, Erosion and Sediment Control Handbook for Developing Areas of New Hampshire" Dated August 1992 by USDA-SCS (Available from the local USDA-SCS office)
Topsoil Stockpiling: Topsoil shall be stripped and stockpiled for later use on critical areas and all other areas to be seeded. The stockpile will not be compacted and shall be stabilized against erosion with temporary seeding.

B. Structural Measures
Hay bale barriers/silt screen fences are to be installed in the areas shown on the plan. They are intended primarily to intercept and filter small volumes of "sheet flow" run-off, or as sediment traps in small swales. Hay bales have a useful life of 3 months and must be repaired or replaced periodically. Silt screen fences will function 6 months or longer if free of sediment accumulations.
Temporary and/or permanent swales are to be installed as shown on the plan. Swales are used to convert sheet flow into channel flow and convey the run-off to permanent channel storm drain or detention/sediment structure

C. Maintenance
During the period of construction and/or until long-term vegetation is established, seeded area will be fertilized and reseeded as necessary to insure vegetative establishment. All hay bale barriers and silt screen fences will be checked regularly and after each significant rainfall. Necessary repairs will be made to correct undermining or deterioration of the barriers. All swales will be checked weekly and repaired when necessary. It is suggested that a formal log be kept of all erosion control inspections and maintenance, including removal of any trapped silt.

CONSTRUCTION SEQUENCE

1. Fell and clear trees if any.
2. Install silt fence at all locations shown on plans and as directed. Install other temporary and permanent sediment, erosion and detention control facilities as appropriate. Continue installation as earthwork proceeds.
3. Install construction entrance stabilize this before any other excavation starts.
4. Grub site and dispose of debris.
5. Stockpile topsoil and install erosion control for stockpile.
6. Construct and stabilize the drainage swales, install underground utilities, and construct the driveway
7. All ditches, swales and retention basins must be stabilized prior to directing any stormwater to them.
8. All disturbed areas to be seeded shall receive 4" of top soil prior to seeding.
9. When all construction activity is complete and site is stabilized, remove all haybales, silt fence and sediment that has been accumulated by these devices.

CONSTRUCTION ENTRANCE NOTES

PROVIDE CONSTRUCTION ENTRANCE using AASHTO designation M43, size No. 2 (2-2-1/2" to 1-1/2"). Thickness of stone shall be no less than 8 inches with a length of no less than 50 feet. WASHING: When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone with drains into an approved sediment trap or basin. All sediment shall be prevented from entering any storm drain, ditch or watercourse through the use of sand bags, gravel, boards or other approved methods. MAINTENANCE: The entrance shall be maintained in a condition which prevents the tracking or flowing of sediment onto public right-of-way. This may require periodic dressing with additional stone as the conditions demand and repair and/or cleanout any of the measures used to trap sediment. All sediment spilled, dropped, washed, or tracked onto public right-of-way must be removed immediately

CONSTRUCTION NOTES

1. No excavated area shall be left unstabilized for more than 30 days. After 30 days any disturbed area must be temporarily or permanently stabilized (see Stabilization Note).
2. The maximum disturbed area shall not exceed 200,000 sq. ft.
3. All roads shall be stabilized within 72 hours after grading.
4. All cut & fill slopes shall be seeded and mulched within 72 hours after their construction all disturbed areas to be seeded shall receive 4" of top soil prior to seeding.
5. All ditches, swales and retention/detention basins must be stabilized prior to directing any stormwater to them.
6. Install and stabilize all ditches, swales, retention basins and the stabilized construction entrance prior to any further excavation.
7. Install jute or fibrous mats in the bottom of road side ditches immediately after shaping.
8. Retain existing vegetation down slope from the proposed construction area.
9. All disturbed areas to be stabilized and/or seeded by October 15. If earth moving operations occur any October 15, matting or other stabilization will be required for disturbed areas during the winter months.
10. No construction vehicles will be allowed beyond the limits of the silt fence at anytime.

STABILIZATION NOTE:

An area shall be considered stable if one of the following has occurred:

- A. Base course gravels have been installed in areas to be paved;
- B. A minimum of 85% vegetated growth has been established;
- C. A minimum of 3" of non-erosive material such as stone or riprap has been installed;
- D. Erosion control blankets have been properly installed.

WINTER CONSTRUCTION NOTES:

- A. All proposed vegetated areas which do not exhibit a minimum of 85% vegetative growth by October 15th, or which are disturbed after October 15th, shall be stabilized by seeding and installing erosion control blankets on slopes greater than 3:1, and seeding and placing 3 to 4 tons of mulch per acre, secured with anchored netting, elsewhere. The installation of erosion control blankets or mulch and netting shall not occur over accumulated snow or on frozen ground and shall be completed in advance of thaw or snow melt events;
- B. All ditches or swales which do not exhibit a minimum of 85% vegetative growth by October 15th, or which are disturbed after October 15th, shall be stabilized temporarily with stone or erosion control blankets appropriate for the design flow conditions; and
- C. After November 15th, incomplete road or parking surfaces, where work has stopped for the winter season, shall be protected with a minimum of 3 inches of crushed gravel per NHDOT item 304.3.

BARRINGTON EROSION CONTROL NOTE:

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 at no expense to the Town.

NOTE: It is the owner's responsibility to maintain drainage and filtration structures. Owners shall notify the Barrington Code Enforcement Officer of maintenance activities annually.

1. Pipes and inlets and spillway structures shall be inspected annually and after every major storm. Accumulated debris should be properly disposed of.
2. Pipe outlets should be inspected semiannually and after every major storm. The condition of the pipes should be noted and repairs made as necessary. If erosion is taking place then outlets should be stabilized and protected against further erosion.
3. Sediment shall be consistently monitored. When sediment accumulations reach 6" in depth in the basin or swales, then the sediment should be removed and properly disposed of. If permits are required, they shall be obtained.
4. Outlet structures shall be inspected semiannually and after every major storm. Silts and debris shall be removed when accumulations reach 6" in depth
5. All side slopes shall be inspected annually for erosion or burrows and repaired as necessary.
6. Side sloped and swale vegetation shall be protected from damage by people, animals or vehicles. Weeds, trees and shrubs shall not be allowed to grow in these areas.

EPA STORM WATER II NOTICE OF INTENT & NOTICE OF TERMINATION

NOTE: THIS PROJECT IS SUBJECT TO THE "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM FEDERAL STORM WATER PROGRAM (PHASE II)" UNDER THE CONSTRUCTION ACTIVITY SECTION, CONSTRUCTION GENERAL PERMIT (CGP).

1. Submit a separate Notice of Intent (NOI) to the local EPA office prior to the start of construction.
2. Within 30 days after the project is done and completely stabilized (or transferred to another permit holder or the homeowner after temporary stabilization), you must file a Notice of Termination (NOT) form (this is the same form that is used for Industrial Activity Notice of Termination).

PERMANENT SEEDING

1. BEDDING - STONES LARGER THAN 2" TRASH, ROOTS AND OTHER DEBRIS THAT WILL INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA SHOULD BE REMOVED. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF 4" TO PREPARE A SEEDBED AND MIX FERTILIZER INTO THE SOIL.
2. FERTILIZER - LIME AND FERTILIZER SHOULD BE APPLIED EVENLY OVER THE AREA PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KIND AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:

AGRICULTURAL LIMESTONE @ 100 lbs. PER 1,000 S.F.
10-20-20 FERTILIZER @ 12 lbs. PER 1,000 S.F.

3. SEED MIXTURE (recommended):

RATE:			
TYPE:	Lbs. per ACRE	Lbs. PER 1,000 S.F.	USE THIS PROJECT
MIXTURE "A"			
TALL FESCUE	20	0.45	
CREEPING RED FESCUE	20	0.45	
RED TOP	2	0.05	
TOTAL	42	0.95	
MIXTURE "B"			
TALL FESCUE	15	0.35	
CREEPING RED FESCUE	10	0.25	
CROWN VETCH or FLATPEA	15	0.35	
BIRDSFOOT TREFLOIL	30	0.75	
TOTAL	40 or 55	0.95 or 1.35	
MIXTURE "C"			
TALL FESCUE	20	0.45	
CREEPING RED FESCUE	20	0.45	TREATMENT SWALES
BIRDSFOOT TREFLOIL	8	0.20	and RETENTION PONDS
TOTAL	48	1.10	
MIXTURE "D"			
BIRDSFOOT TREFLOIL	10	0.25	
RED CANARYGRASS	15	0.45	
RED TOP	5	0.10	
TOTAL	30	0.70	
MIXTURE "E"			
TALL FESCUE	20	0.45	ALL SLOPE
FLATPEA	30	0.75	AREAS
TOTAL			
MIXTURE "F"			
CREEPING RED FESCUE	50	1.15	
KENTUCKY BLUEGRASS	50	1.15	
TOTAL	100	2.30	
MIXTURE "G"			
TALL FESCUE	150	3.60	
TOTAL	150	3.60	

4. SODDING - SODDING IS DONE WHERE IT IS DESIRABLE TO RAPIDLY ESTABLISH COVER ON A DISTURBED AREA. SODDING AN AREA MAY BE SUBSTITUTED FOR PERMANENT SEEDING PROCEDURES ANYWHERE ON SITE. BED PREPARATION, FERTILIZING, AND PLACEMENT OF SOD SHALL BE PERFORMED ACCORDING TO THE S.C.S. HANDBOOK.
SODDING IS RECOMMENDED FOR STEEP SLOPED AREAS, AREA IMMEDIATELY ADJACENT TO SENSITIVE WATER COURSES, EASILY ERODIBLE SOILS (FINE SAND/SILT) ETC.

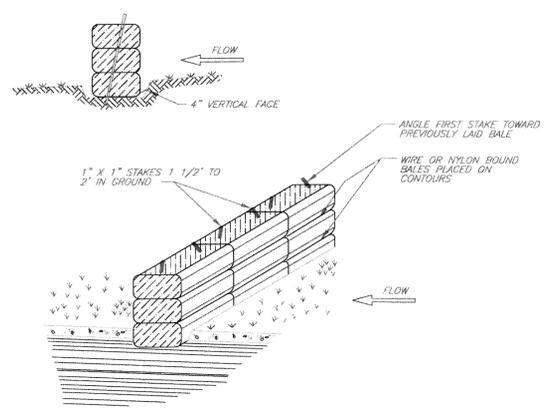
ISSUE	DATE	DESCRIPTION	BY	CHKD.
1	10/07	ADD NOTES PER COMMENTS	KRW	
2	06/20/11	REVISED TO BARRINGTON COMMENTS	KRW	
3	08/20/11	REVISED TO BARRINGTON COMMENTS	KRW	

AMERICAN ENGINEERING
CONSULTANTS, CORP.
12 Meserve Road, Durham, NH 03824 (603)868-1227



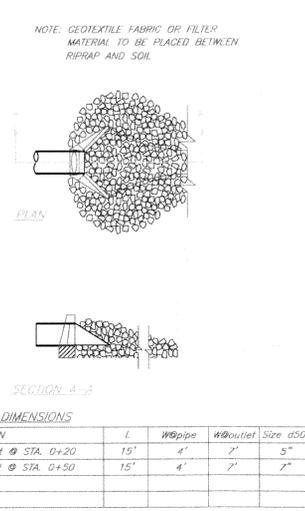
WHITE TAIL CONDOMINIUMS
EROSION CONTROL DETAILS
Barrington, New Hampshire

DESIGNED:	KW
CAD:	06-08-07
DATE:	JUNE, 2007
JOB No.:	RTE 202
SCALE:	H: n/a V: n/a
SHEET	OF
6	7



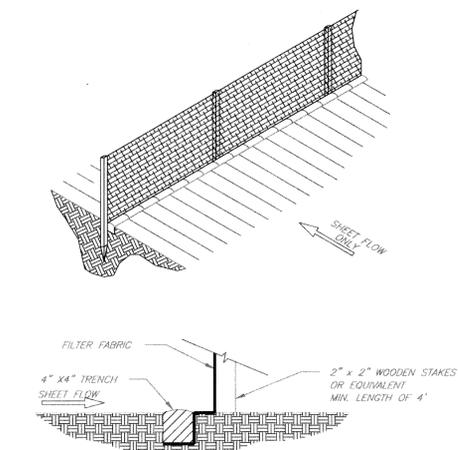
- CONSTRUCTION SPECIFICATIONS**
1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM DEPTH OF 4".
 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY 1" X 1" WOOD STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
 4. INSPECTION SHALL BE FREQUENT, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

HAYBALE DETAIL



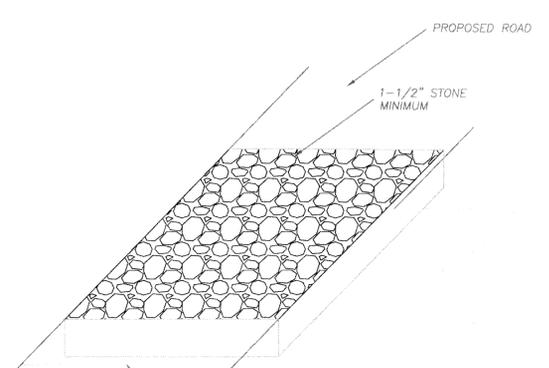
- NOTES:**
1. THE SUBGRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC, AND RIPRAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
 2. THE ROCK OR GRAVEL USED FOR FILTER OR RIPRAP SHALL CONFORM TO THE SPECIFIED GRADATION.
 3. GEOTEXTILE FABRIC SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIPRAP. 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 TWELVE INCHES.
 4. STONE FOR THE RIPRAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.

PIPE OUTLET PROTECTION



- SILT FENCE CONSTRUCTION SPECIFICATIONS:**
1. FENCE POSTS SHALL BE 2" X 2" WOODEN STAKES 4' LONG DRIVEN INTO THE GROUND 18", MAXIMUM SPACING SHALL BE 10'.
 2. GEOTEXTILE FABRIC USED FOR SILT FENCE SHALL BE RECOMMENDED FOR SUCH USE BY THE MANUFACTURER.
 3. WOVEN WIRE SUPPORT FENCE SHALL BE 14.5 GAUGE WITH A 6" MESH OPENING.
 4. FABRIC SHALL BE EMBEDDED IN THE GROUND 8".
 5. WIRE TIES, SPACED 12" O.C. SHALL SECURE FABRIC & SUPPORT FENCE TO POSTS.
 6. SILT FENCE SHALL BE INSPECTED REGULARLY. DAMAGED SECTIONS SHALL BE REPAIRED OR REPLACED. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN DEPOSITS REACH 1/2 THE HEIGHT OF SILT FENCE.

SILT FENCE DETAIL

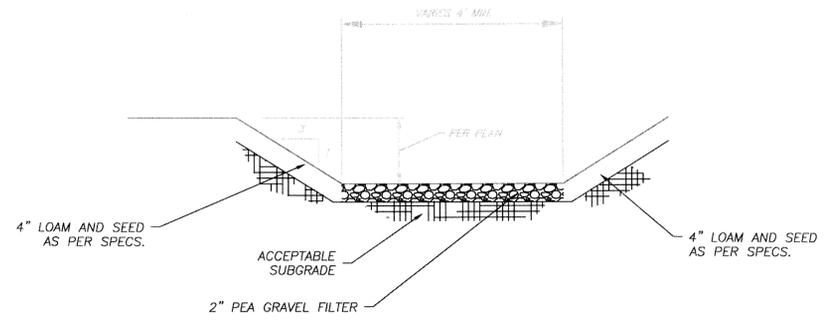


PLANNING BOARD
BARRINGTON, NH
-APPROVED-

File Number _____
Date _____
Chairman _____

CONSTRUCTION ENTRANCE DETAIL

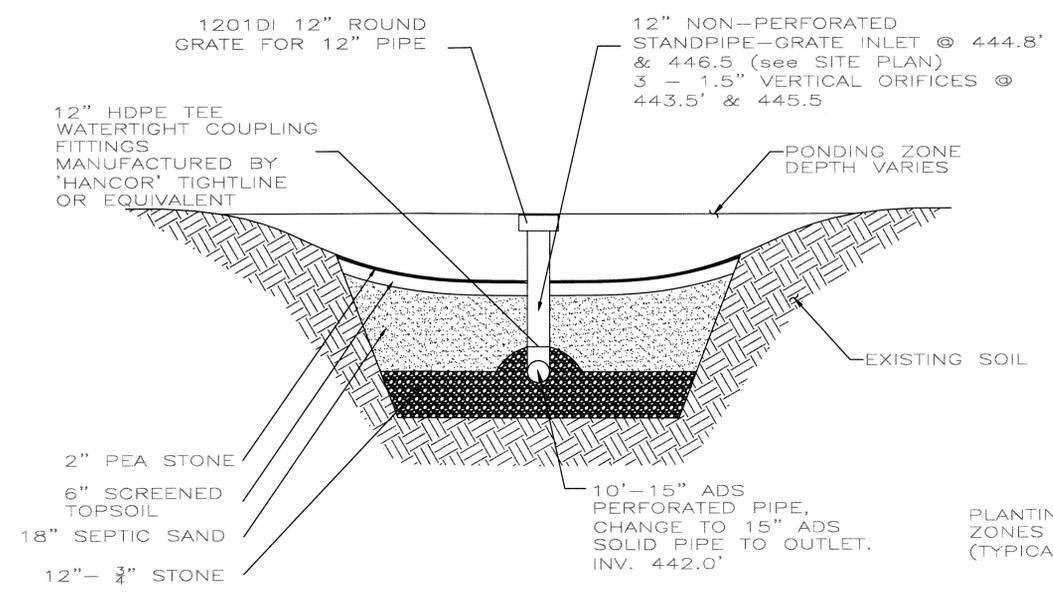
LAND USE OFFICE
SEP 03 2013
RECEIVED



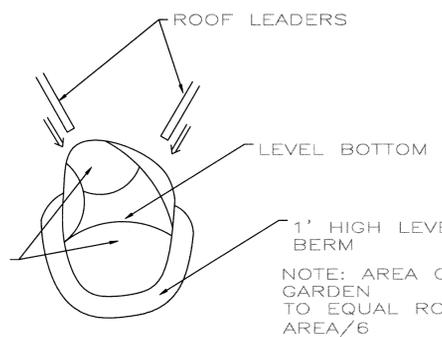
SEED MIXTURES - (RECOMMENDED)

TYPE	LBS. PER ACRE	LBS. PER 1000 S.F.
TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
RED TOP	2	0.50
TOTAL	42	1.40

**INFILTRATION SWALE
DETAIL**
NOT TO SCALE



RAIN GARDEN SECTION
NOT TO SCALE



ROOF RAIN GARDEN PLAN
NOT TO SCALE

**RAIN GARDEN SAMPLE
PLANTS (see Note)**
NOT TO SCALE

KEY	#	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	ROOT
IV	12	Iris versicolor	Blue Flag	24"-36" HT	12"-24"	#3 CAN
AT	38	Asclepias Tuberosa	Butterfly Weed	18"-24" HT	12"-18"	#3 CAN
AI	30	Asclepias Incarnata	Swamp Milkweed	3'-4' HT	24" o.c.	#3 CAN
HI	30	Hemerocallis lilioasphodelus	Yellow Day-lily	30" HT	24"-30"	#3 CAN
Ms	30	Miscanthos sinensis 'Arabesque'	Arabesque Japanese Silver Grass	18-24" HT	12"-18"	#3 CAN
Rf	30	Rudbeckia fulgida	Brown-eyed Susan	12-18" HT	5' o.c.	#1 CAN

NOTE: ALL RAIN GARDENS TO BE INTENSIVELY PLANTED. PLANTS TO BE SELECTED & LOCATED BY A PROFESSIONAL HORTICULTURIST. PLANTING PLAN TO BE SUBMITTED TO AND APPROVED BY DURHAM PUBLIC WORKS DEPARTMENT.

PLANNING BOARD
BARRINGTON, NH
-APPROVED-
File Number _____
Date _____
Chairman *[Signature]*

ISSUE	DATE	DESCRIPTION	BY
1	10/07	ADD NOTES PER COMMENTS	KRW
2	03/08	COMMENTS FROM BERGER	KRW
3	05/2010	REVISED TO LATEST PLAN	KRW
4	06/2011	REVISED TO BARRINGTON COMMENTS	KRW

AMERICAN ENGINEERING
CONSULTANTS, CORP.

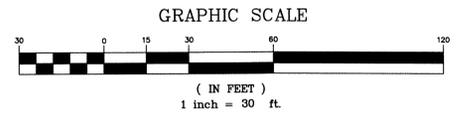
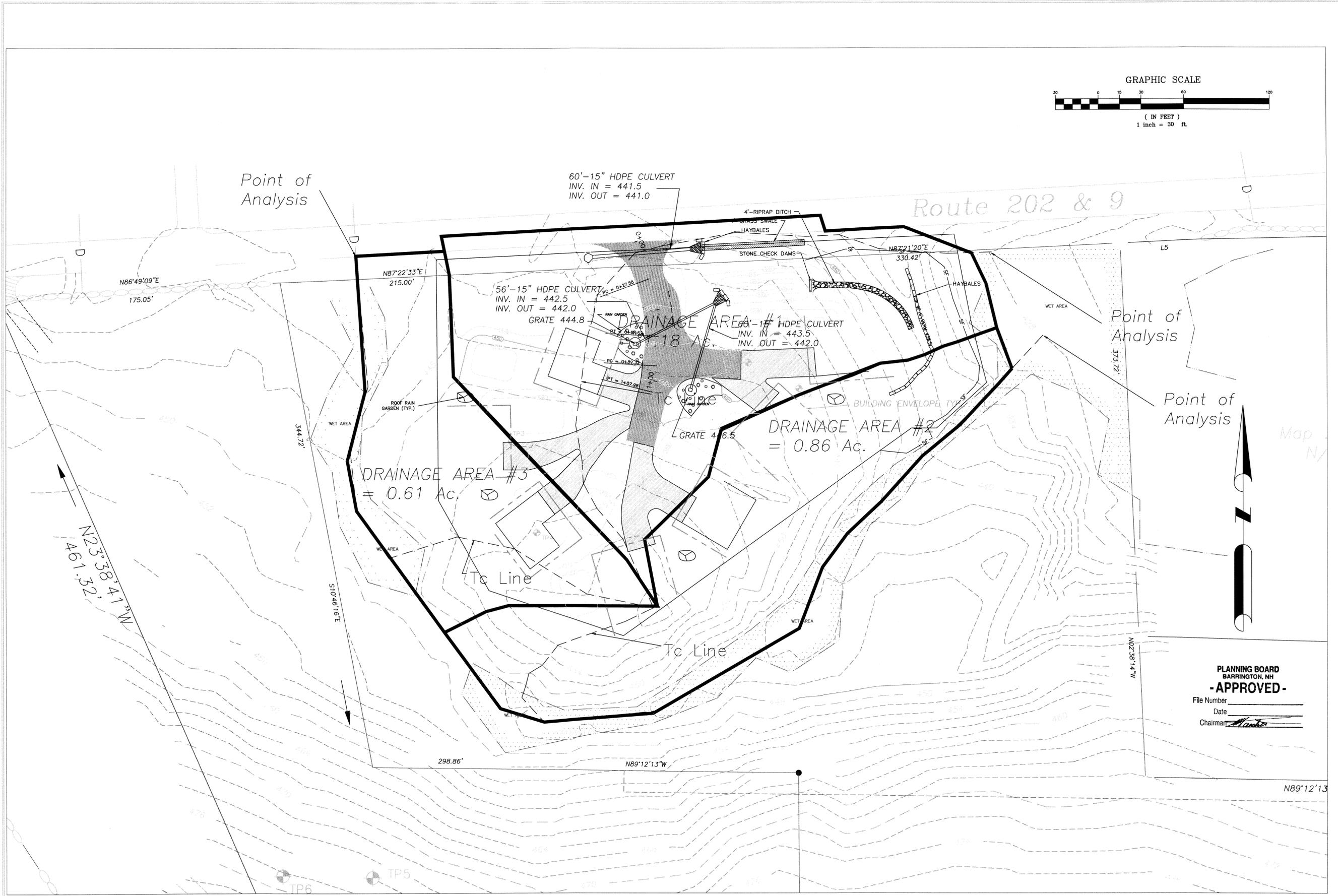
12 Meserve Road, Durham, NH 03824 (603)868-1227



WHITE TAIL CONDOMINIUMS
RAIN GARDEN DETAILS
Barrington, New Hampshire

DESIGNED:	KW
CAD:	06-08-07
DATE:	JANUARY, 2008
JOB No.:	RTE 202
SCALE: H:	n/a
V:	n/a
SHEET	OF
7	7

LAND USE OFFICE
SEP 03 2013
RECEIVED



ISSUE	DATE	DESCRIPTION	BY	CHKD.

AMERICAN ENGINEERING
 CONSULTANTS, CORP.

12 Meserve Road, Durham, NH 03824 (603)868-1227

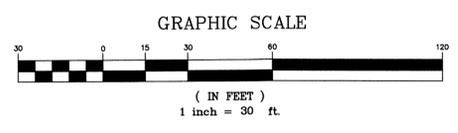
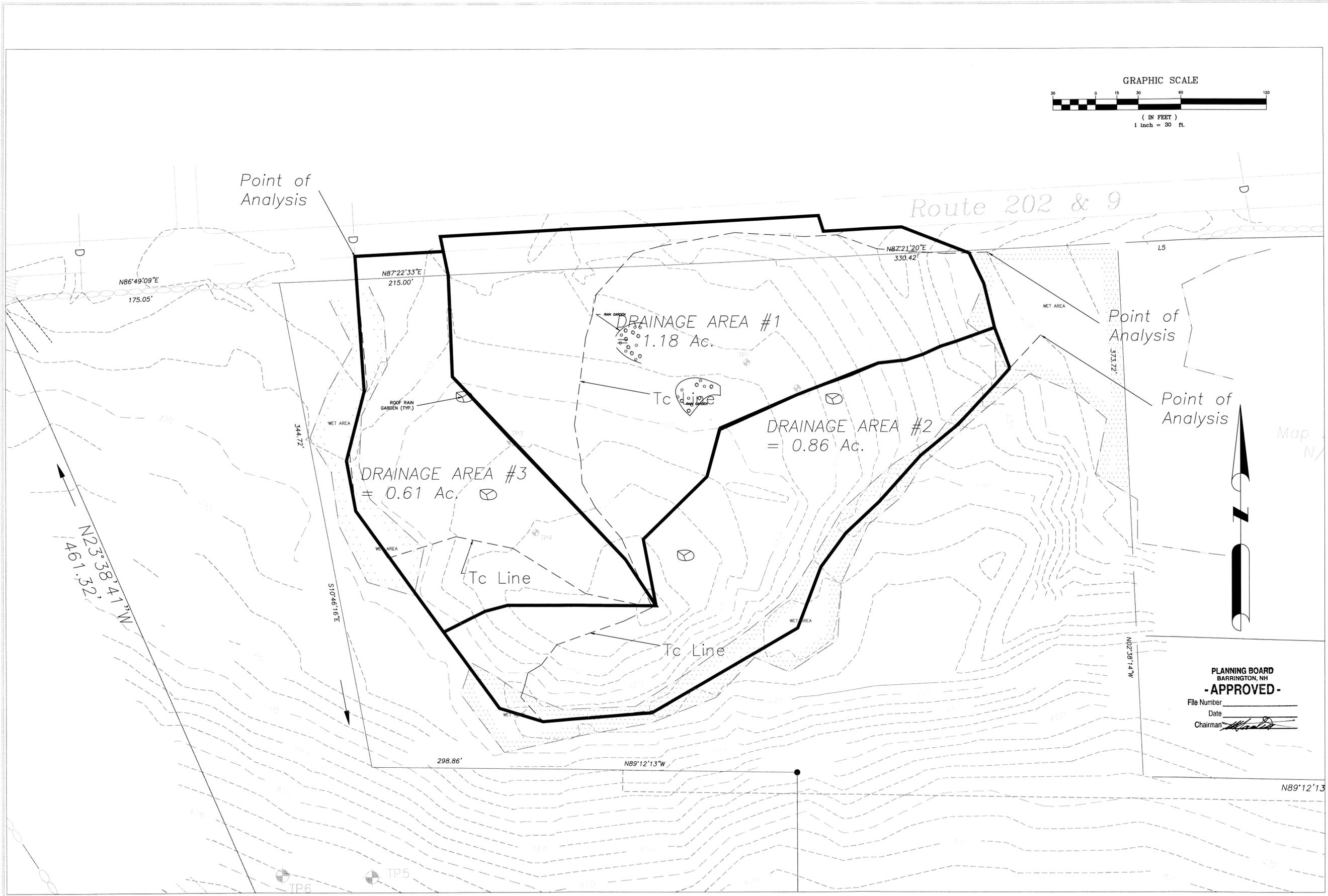


PLANNING BOARD
 BARRINGTON, NH
- APPROVED -
 File Number _____
 Date _____
 Chairman *[Signature]*

CANAAN WOODS
EXISTING DRAINAGE PLAN
Barrington, New Hampshire

LAND USE OFFICE
 SEP 03 2013
 RECEIVED

DESIGNED: KW
 CAD: 06-08-07
 DATE: JUNE, 2007
 JOB No.: RTE 202
 SCALE: H: 1" = 30'
 V: n/a
 SHEET OF



ISSUE	DATE	DESCRIPTION	BY	CHKD.

AMERICAN ENGINEERING CONSULTANTS, CORP.

12 Reserve Road, Durham, NH 03824 (603)868-1227



CANAAN WOODS
EXISTING DRAINAGE PLAN
Barrington, New Hampshire

PLANNING BOARD
 BARRINGTON, NH
- APPROVED -
 File Number _____
 Date _____
 Chairman *[Signature]*

LAND USE OFFICE
 SEP 03 2013
 RECEIVED

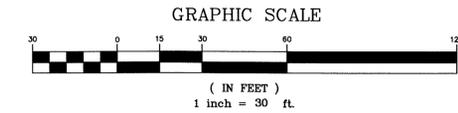
DESIGNED: KW
 CAD: 06-08-07
 DATE: JUNE, 2007
 JOB No.: RTE 202
 SCALE: H: 1" = 30'
 V: n/a
 SHEET OF

DRAINAGE AREA P-1=0.59 Ac.

HOUSES=2622 SF, .06 Ac.
DRIVES=2942 SF, .07 Ac.
MAIN DR.=2942 SF, .07 Ac.
WOODED=7259 SF, .17 Ac.
RTE 202=1463 SF, .03 Ac.
GRASS=8276 SF, .19 Ac.

DRAINAGE AREA#P-1A=0.78Ac.

HOUSES=2940 SF, .07 Ac.
DRIVES=3561 SF, .08 Ac.
MAIN DR.=3085 SF, .07 Ac.
WOODED=10553 SF, .24 Ac.
RTE 202=1495 SF, .03 Ac.
GRASS=12632 SF, .29 Ac.



Point of Analysis

60'-15" HDPE CULVERT
INV. IN = 441.5
INV. OUT = 441.0

Route 202 & 9

Point of Analysis

Point of Analysis

DRAINAGE AREA P-3 = 0.47 Ac.

HOUSES=.02 Ac.
WOODED=.06 Ac.
WOODED=.33 Ac.
GRASS=.06 Ac.

DRAINAGE AREA P-2 = 0.87 Ac.

ISSUE	DATE	DESCRIPTION	BY	CHKD.
2	07/08	COMMENTS FROM BERGER	KRW	

AMERICAN ENGINEERING CONSULTANTS, CORP.

12 Meserve Road, Durham, NH 03824 (603)868-1227



CANAAN WOODS
PROPOSED DRAINAGE PLAN
Barrington, New Hampshire

PLANNING BOARD
BARRINGTON, NH
- APPROVED -

File Number _____
Date _____
Chairman *[Signature]*

LAND USE OFFICE
SEP 03 2013
RECEIVED

DESIGNED: KW
CAD: 06-08-07
DATE: JUNE, 2007
JOB No.: RTE 202
SCALE: H: 1" = 30'
V: n/a
SHEET OF