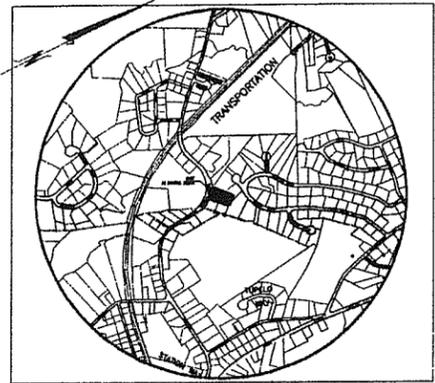
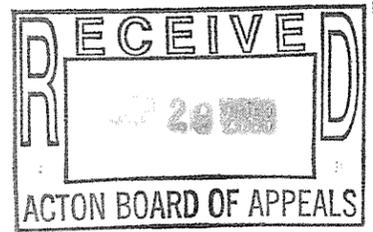


"MARSH VIEW"

A PROPOSED COMPREHENSIVE PERMIT PROJECT UNDER MGL CHAPTER 40B
 ACTON, MASSACHUSETTS

JUNE 19, 2009
 REVISED SEPTEMBER 29, 2009



LOCUS PLAN
 Scale: 1" = 1200 ft.

LOCUS PARCEL INFORMATION

93 CENTRAL STREET
 ASSESSORS MAP G-2 PARCEL 123
 ZONING DISTRICT: R-2 (RESIDENCE 2)
 OVERLAY DISTRICT: GROUNDWATER PROTECTION DISTRICT 4

APPLICANT:

MARSH VIEW, LLC
 411 MASS. AVE, SUITE 304
 ACTON, MA 01720

RECORD OWNER:

CHARLES D. MICOL
 93 CENTRAL STREET
 ACTON, MA 01720

DEED AND PLAN REFERENCES:

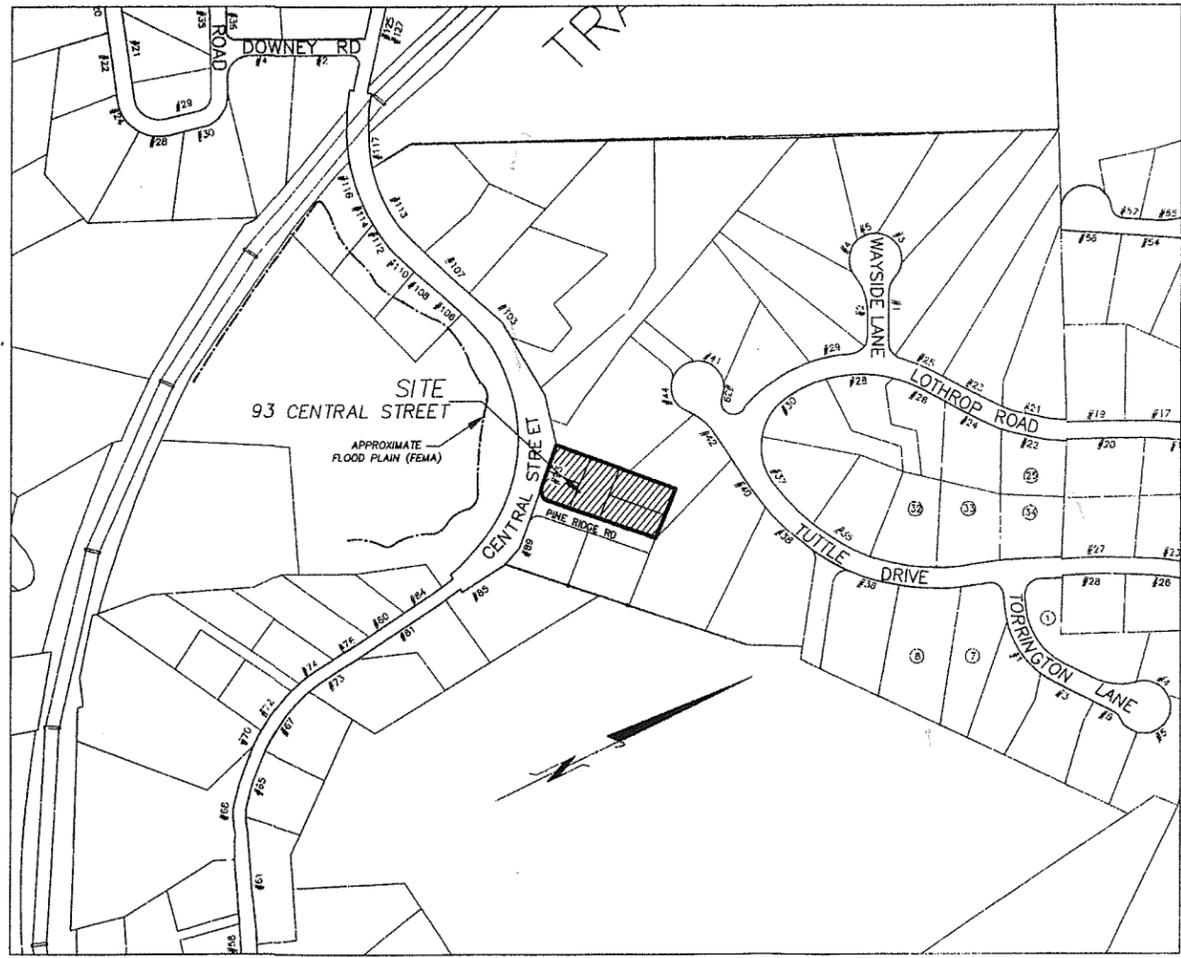
MIDDLESEX SOUTH DISTRICT REGISTRY OF DEEDS
 DEED BOOK 47301 PAGE 104
 PLAN NO. 43 OF 1972

CONCEPTUAL PLAN OF 93 CENTRAL STREET, ACTON, MASSACHUSETTS, PREPARED FOR WESTCHESTER COMPANY, INC., PREPARED BY FORESITE ENGINEERING ASSOCIATES, INC., DATED APRIL 23, 2007.

TOTAL SITE AREA = 41,162 SQ.FT. (0.9 ACRES)

ELEVATION DATUM REFERENCE:

CONCEPTUAL PLAN BY FORESITE ENGINEERING ASSOCIATES, INC.



VICINITY PLAN
 Scale: 1" = 200 ft.

SHEET NO.	TITLE
1	COVER SHEET
2	MASTER PLAN
3	RECORDABLE PLAN
4	NATURAL FEATURES AND EXISTING CONDITIONS PLAN
5	SITE DEVELOPMENT PLAN
6	LANDSCAPE PLAN
7	EROSION & SEDIMENTATION CONTROL PLAN

THIS IS TO CERTIFY THAT NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON BOARD OF APPEALS WAS RECEIVED AND RECORDED AT THIS OFFICE ON _____ AND THAT NO APPEAL WAS RECEIVED WITHIN TWENTY DAYS NEXT FOLLOWING RECEIPT AND RECORDING OF THIS NOTICE.

ACTON TOWN CLERK _____ DATE _____

ACTON BOARD OF APPEALS

DATE _____

SEE DECISION ON APPLICATION BY MARSH VIEW, LLC. FOR A COMPREHENSIVE PERMIT, DECISION DATED _____, 2009, RECORDED HEREWITH.

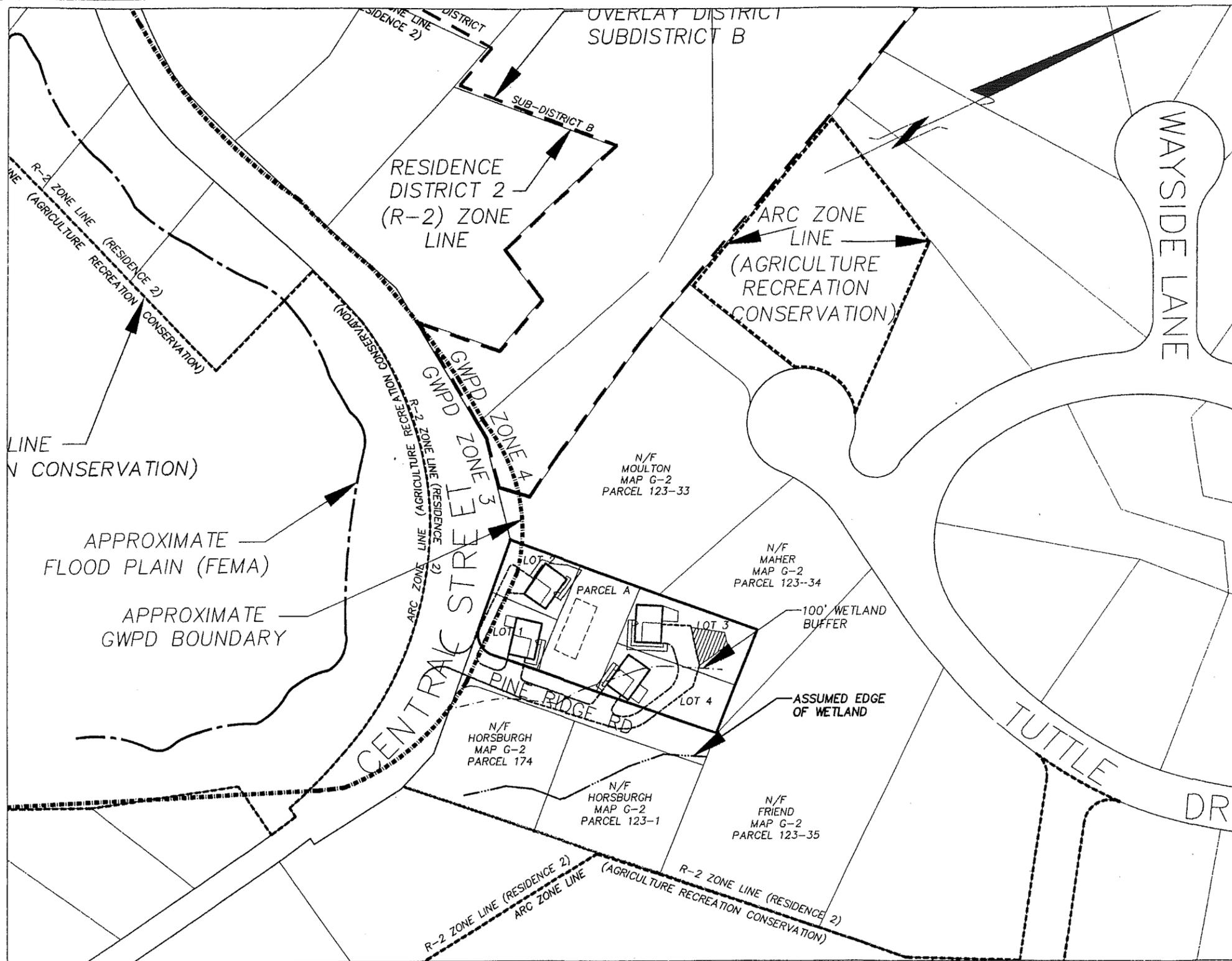
ACTON SURVEY & ENGINEERING, INC.

Civil Engineers • Land Surveyors • Environmental Scientists
 97 Great Road P.O. Box 666 Acton, Massachusetts 01720
 Phone: (978) 263-3666

COVER SHEET
MARSH VIEW
 93 CENTRAL STREET
 ACTON, MA
 PREPARED FOR:
 MARSH VIEW, LLC
 411 MASSACHUSETTS AVENUE, SUITE 304
 ACTON, MA 01720
 SCALE: AS NOTED DATE: JUNE 19, 2009

97 GREAT ROAD
 P.O. BOX 666
 ACTON, MA 01720
 PH. (978) 263-3666
 FAX (978) 635-0218

IN-CARLSON PROJECTS/PT308161/09/07/2009/11-1000.dwg, 408 COVER SHEET 1 of 7, Copyright Acton Survey & Engineering, Inc.



DEVELOPMENT DATA:

EXISTING:

DWELLING LOCATED AT 93 CENTRAL STREET TO BE RAZED AND DRIVEWAY TO BE REMOVED.

PROPOSED DEVELOPMENT: FOUR SINGLE FAMILY UNITS

(4) 3-BEDROOM UNITS = 12 BEDROOMS
(1) AFFORDABLE UNIT; (LOT 1)

DWELLING UNIT DENSITY:

TOTAL SITE AREA = 41,163 SF = 0.94 ACRES
THERE ARE NO WETLANDS LOCATED ON THE SITE
TOTAL UPLAND AREA = 0.94 ACRES
TOTAL NUMBER OF UNITS = 4
NUMBER OF UNITS PER ACRE = 4.3

EXISTING IMPERVIOUS COVER = 0.04 ACRES (4%)

PROPOSED BUILDING COVERAGE = 0.12 ACRES (13%)

PROPOSED IMPERVIOUS COVER = 0.27 ACRES (29%)

FLOOR AREA RATIO:

NET FLOOR AREA=10,080 SF (1260 SF x 2 FLOORS x 4 UNITS)

DEVELOPABLE SITE AREA = 41,163 SF

NET FLOOR AREA/DEVELOPABLE SITE AREA = 0.24

ZONING INFORMATION

DISTRICT:
R-2 (RESIDENCE 2)

OVERLAY DISTRICTS:
GROUNDWATER PROTECTION DISTRICT 4

FLOODZONE:
ZONE X (OUTSIDE OF 500 YR FLOODPLAIN)

ZONING REQUIREMENTS:

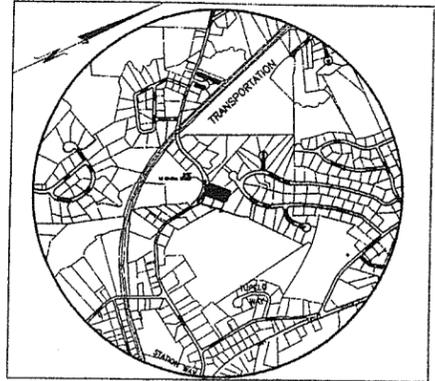
	MINIMUM REQUIRED	PROPOSED LOT 1	PROPOSED LOT 2	PROPOSED LOT 3	PROPOSED LOT 4	PROPOSED PARCEL A
AREA (sf):	20,000	7013	5976	9356	9016	9802
FRONTAGE (ft):	150	N/A	N/A	N/A	N/A	N/A
FRONT YARD SETBACK (ft):	30	42	49	N/A	N/A	N/A
REAR YARD SETBACK (ft):	10	7	8	84	79	N/A
SIDE YARD SETBACK (ft):	10	10	6	7	7	N/A
MIN. LOT WIDTH (ft):	50	N/A	N/A	N/A	N/A	N/A
NO. UNITS PER LOT:	1	1	1	1	1	0
FLOOR AREA RATIO:	N/A	N/A	N/A	N/A	N/A	N/A

No.	DATE	DESCRIPTION
1	9/29/09	TOWN COMMENTS

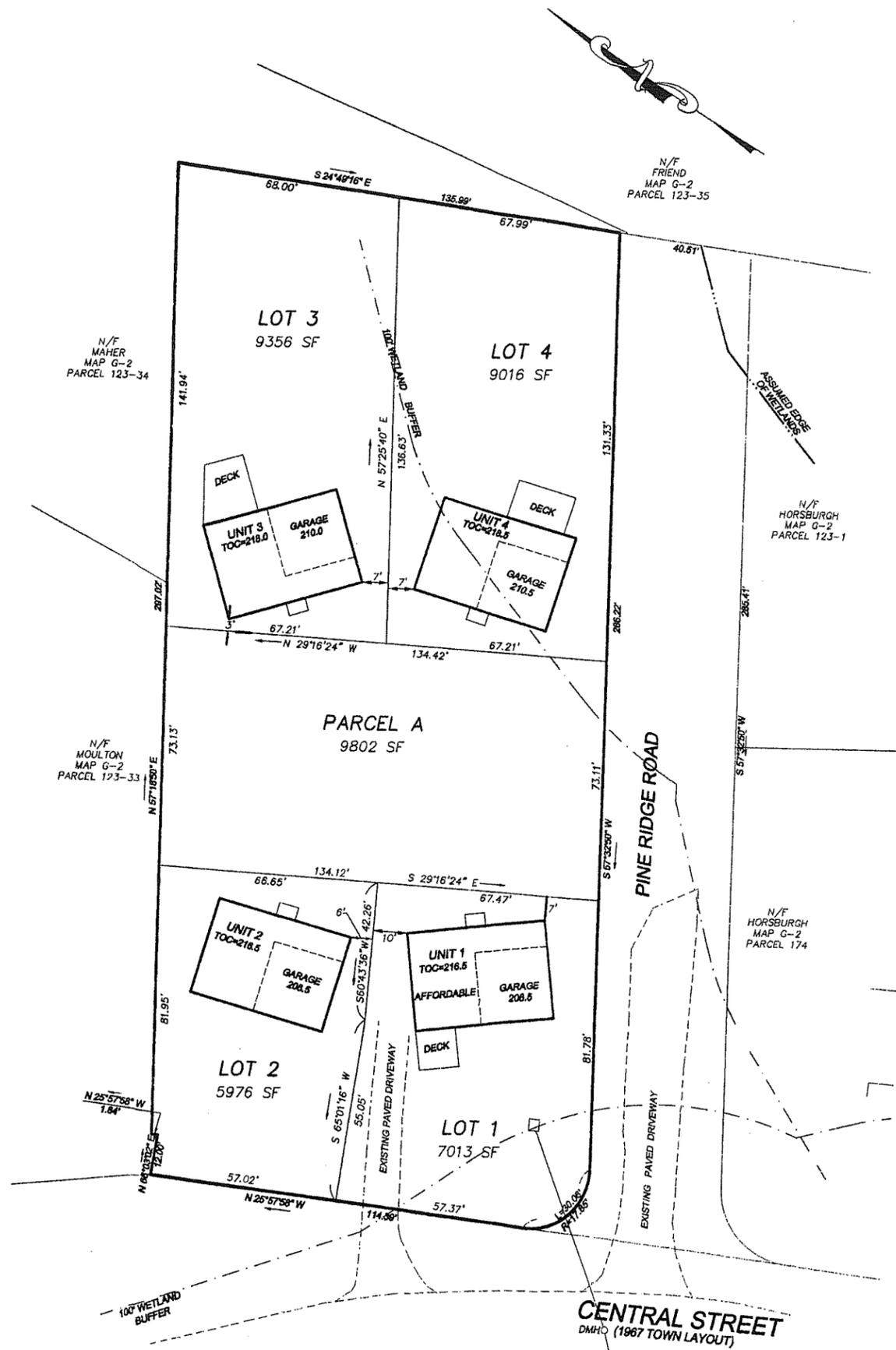
REVISIONS

MASTER PLAN
MARSH VIEW
93 CENTRAL STREET
ACTON, MA
PREPARED FOR:
MARSH VIEW, LLC
411 MASSACHUSETTS AVENUE, SUITE 304
ACTON, MA 01720
SCALE: 1"=60' DATE: JUNE 19, 2009

Acton Survey & Engineering, Inc.
Since 1967
97 GREAT ROAD
P.O. BOX 666
ACTON, MA 01720
PH. (978) 263-3666
FAX (978) 635-0218



LOCUS PLAN
Scale: 1" = 1200 ft.



DEED AND PLAN REFERENCES:

MIDDLESEX SOUTH DISTRICT REGISTRY OF DEEDS
DEED BOOK 47301 PAGE 104
PLAN NO. 43 OF 1972

CONCEPTUAL PLAN OF 93 CENTRAL STREET, ACTON, MASSACHUSETTS, PREPARED FOR WESTCHESTER COMPANY, INC., PREPARED BY FORESITE ENGINEERING ASSOCIATES, INC., DATED APRIL 23, 2007.

RECORD OWNER:

CHARLES D. MICOL
93 CENTRAL STREET
ACTON, MA 01720

ASSESSORS REFERENCE

ASSESSORS MAP G-2 PARCEL 123

ZONING INFORMATION

ZONING DISTRICT: R-2 (RESIDENCE 2)
OVERLAY DISTRICT: GROUNDWATER PROTECTION DISTRICT 4

APPLICANT:

MARSH VIEW, LLC
411 MASS. AVE, SUITE 304
ACTON, MA 01720

ENGINEER & LAND SURVEYOR:

ACTON SURVEY AND ENGINEERING, INC.
P.O. BOX 666
97 GREAT ROAD
ACTON, MA 01720

TOTAL SITE AREA = 41,162 SQ.FT. (0.9 ACRES)

NOTE: PROPERTY LINES FROM "PLAN OF LAND IN ACTON, MASS. SURVEYED FOR LAWRENCE DONNELLY" PREPARED BY HARLAN E. TUTTLE, SURVEYOR, DATED JANUARY 7, 1972. PLAN 43 OF 1972.

EXISTING CONDITIONS BASED ON CONCEPTUAL PLAN BY FORESITE ENGINEERING ASSOCIATES, INC.

PRIOR TO A PLAN BEING PREPARED FOR RECORDING IN THE REGISTRY OF DEEDS, ACTON SURVEY & ENGINEERING, INC. WILL REQUIRE A PERIMETER SURVEY TO BE PERFORMED.

THIS IS TO CERTIFY THAT NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON BOARD OF APPEALS WAS RECEIVED AND RECORDED AT THIS OFFICE ON _____ AND THAT NO APPEAL WAS RECEIVED WITHIN TWENTY DAYS NEXT FOLLOWING RECEIPT AND RECORDING OF THIS NOTICE.

ACTON TOWN CLERK _____ DATE _____

ACTON BOARD OF APPEALS

DATE _____

SEE DECISION ON APPLICATION BY MARSH VIEW, LLC. FOR A COMPREHENSIVE PERMIT, DECISION _____ DATED _____, 2009, RECORDED HEREWITH.

No.	DATE	DESCRIPTION
1	9/29/09	TOWN COMMENTS

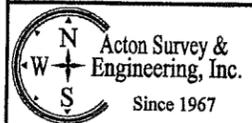
REVISIONS

RECORDABLE PLAN-DRAFT
MARSH VIEW

93 CENTRAL STREET
ACTON, MA

PREPARED FOR:
MARSH VIEW, LLC
411 MASSACHUSETTS AVENUE, SUITE 304
ACTON, MA 01720

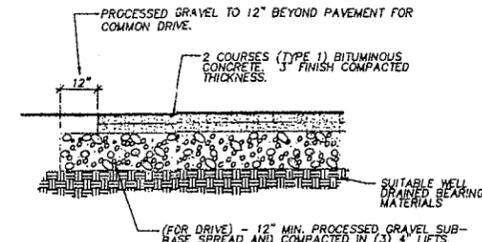
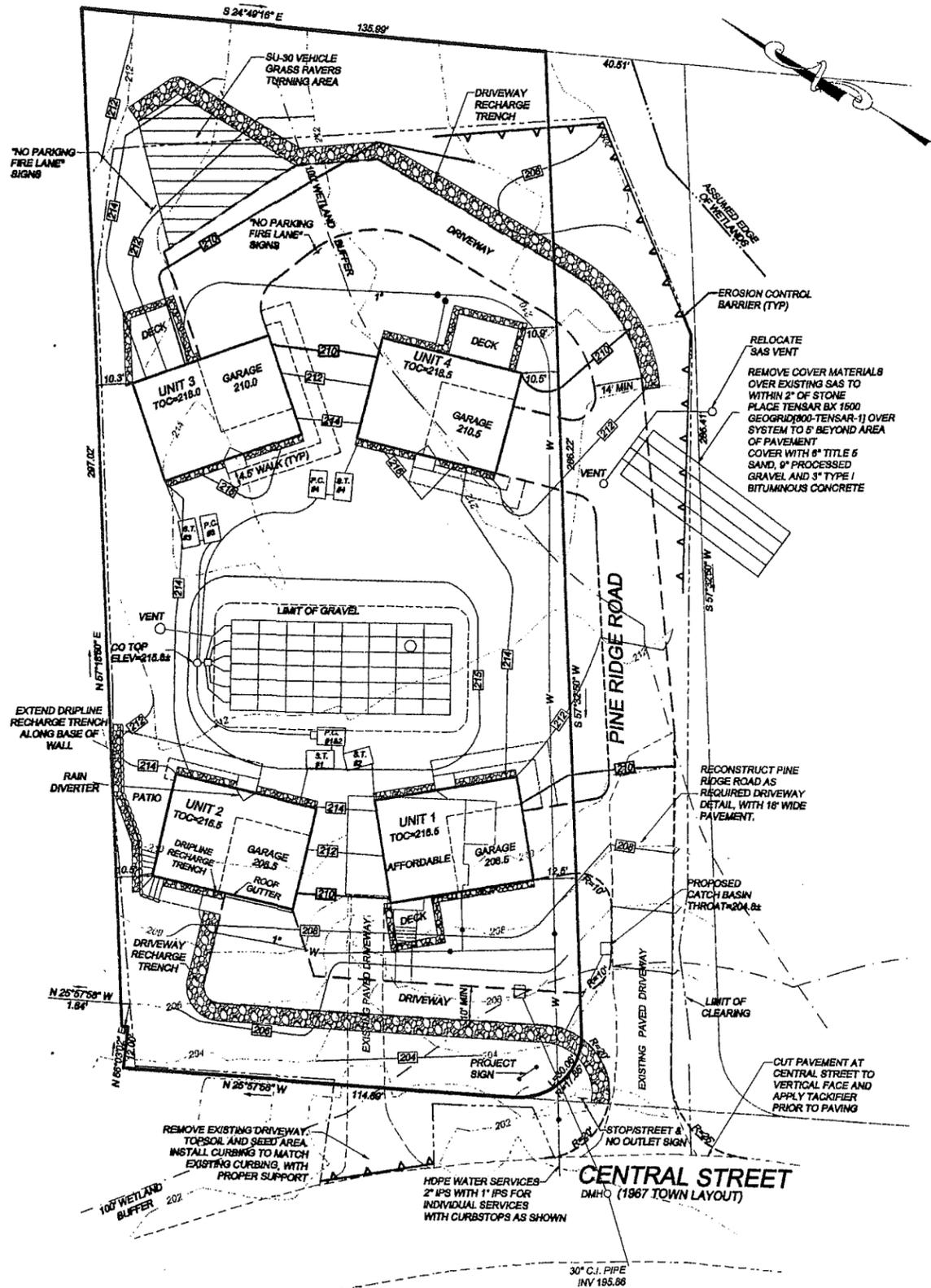
SCALE: 1"=20' DATE: JUNE 19, 2009



97 GREAT ROAD
P.O. BOX 666
ACTON, MA 01720
PH. (978) 263-3666
FAX (978) 635-0218

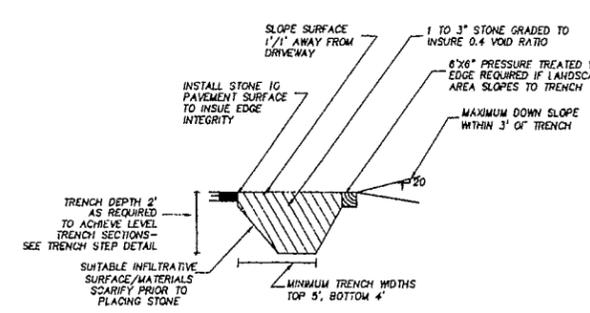
GENERAL NOTES:

- Plans were prepared for named client and project. Reproduction in whole, in part or by adaptation for other purposes is expressly prohibited.
- Drawings shall not be scaled. If clarification of intent is REQUIRED, contractor shall obtain prompt clarification prior to continuing work.
- Contractor shall visit site prior to initiation of work and shall notify ACTON SURVEY & ENGINEERING, INC. and owner of any discrepancies with site conditions, or proposed construction, on date discovered.
- Contractor shall be responsible for coordinating proposed construction with existing conditions.
- Contractor shall notify Dig-Safe [1-888-344-7233] and verify all underground utilities prior to construction.
- Contractor shall be responsible for obtaining all necessary permits and licenses.
- All work shall conform to all local and state regulatory agencies and utility company requirements.
- Upon entering the SITE, the contractor shall become responsible for all erosion control, dewatering and shall undertake all measures to protect wetlands, the drainage system and streets from siltation and dust.
- Contractor shall be responsible for repairing any damage caused to roads, walks, utilities, site improvements [existing or proposed] both inside and outside the limit of work if damage due to work directly associated with this project.
- Existing utilities shall be maintained in service as required by the use of site and adjacent properties. Relocate utility lines as required.
- The drainage system shall be maintained and functional during construction and all catch basins, manholes & pipes shall be cleaned after the completion of the project.
- The "site plan" is based on topographic survey showing all visually apparent features of the site on the date(s) that surface explorations and topography were completed.
- No attempt was made, in preparing the plans, to ascertain the location of non-visually apparent subsurface utilities and structures, or conditions.
- The limit of work shall be as designated and / or the edge of the proposed grading and / or the property lines, if not indicated.
- Materials imported to the site shall be free of hazardous waste and noxious materials, stored as designated and shall not hamper the site activities.
- Materials exported from the site shall become the property of the contractor and be disposed of in a legal manner.
- All existing and new utility structures shall be adjusted to finished grades. Setting of rims temporarily at binder course may be required.
- All water mains, water services and force mains shall have a five (5) foot minimum cover.
- All pavements shall be cut to a vertical face outside limits of prior disturbance and prior to installing adjacent new pavements. All new pavements shall be installed in a manner that is uniform, with watertight joints resulting.
- The project shall be complete when the site is found to be litter/debris free, erosion resistant, all erosion barriers are removed and pavements, catch basins, manholes and pipes are clean.
- The contractor shall clearly mark the limits of work in the field prior to the start of construction.
- Hauling of earth to or from the site shall be done between the hours of 9:00 a.m. and 4:00 p.m. on weekdays only.

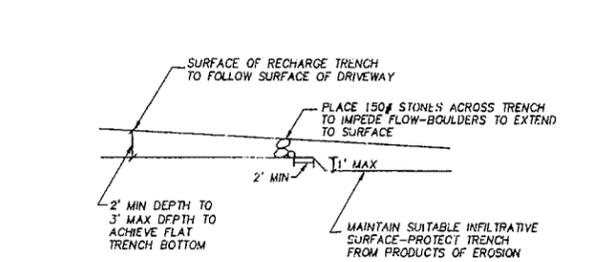


- NOTES:**
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE ACTON "COMMON DRIVEWAY BY LAWS AND / OR MASS. HIGHWAY DEPARTMENT STANDARDS SPECIFICATIONS AND REGULATIONS.
 - PAVEMENT SHALL BE CLASS 1 BITUMINOUS CONCRETE LAID IN 2 COURSES TO A FINISHED DEPTH OF 3" (1 1/2" MIN. BINDER WITH A 1 1/2" WEARING COURSE ABOVE.)
 - GRAVEL SUBBASE SHALL CONTAIN NO STONES GREATER THAN 2" AND BE INSTALLED TO A MIN. DEPTH OF 12" (FOR DRIVE). COMPACT IN 4" (MAX.) LIFTS. REMOVE ALL ORGANIC SILTS & UNSUITABLE MATERIALS BENEATH.

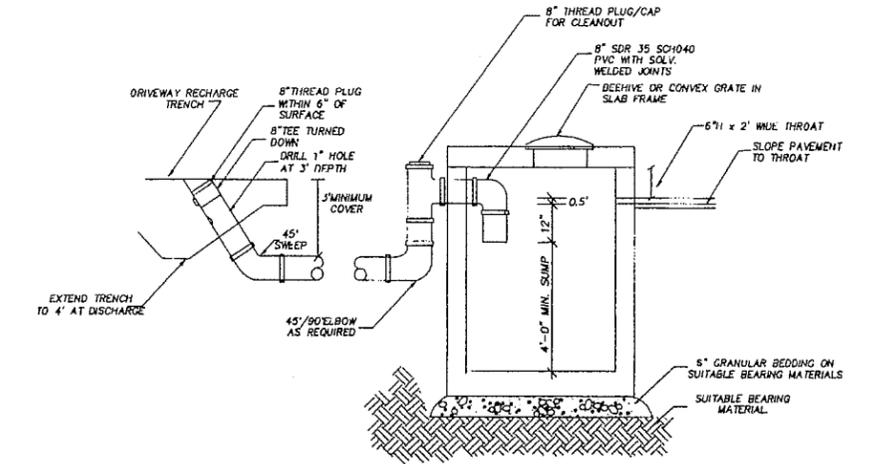
BITUMINOUS CONCRETE DRIVEWAY DETAIL
N.T.S.



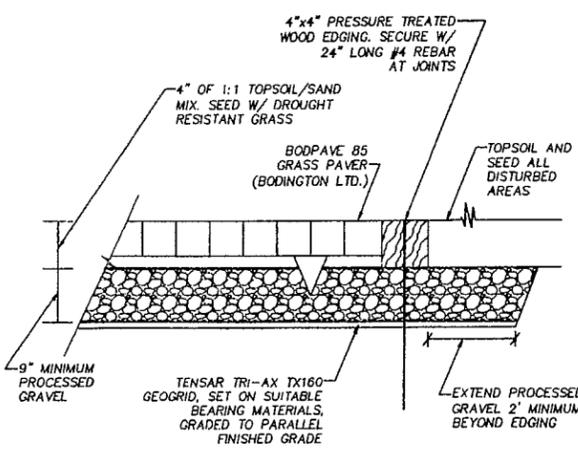
DRIVEWAY RECHARGE TRENCH DETAIL
N.T.S.



TRENCH STEP DETAIL
N.T.S.



CATCH BASIN / DISCHARGE DETAIL
N.T.S.



GRASS PAVER TURNING AREA DETAIL
N.T.S.

LEGEND

- EXISTING 2' CONTOUR
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EDGE OF WETLANDS
- 100' WETLANDS BUFFER ZONE
- CATCH BASIN
- ⊙ DRAIN MANHOLE
- PROPOSED WATERLINE
- CURB STOP
- UTILITY POLE
- OHW --- OVERHEAD WIRES
- PROPOSED SIGN

OWNER OF RECORD:
CHARLES D. WICOL
93 CENTRAL STREET
ACTON, MA 01720

**DEED BOOK 47301 PAGE 104
PLAN NO. 43 OF 1972**

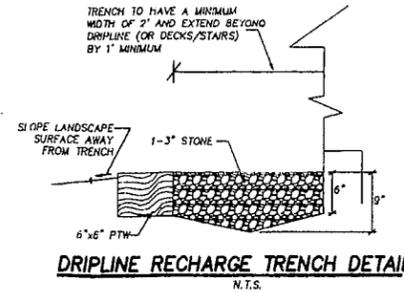
ASSESSORS MAP G-2 PARCEL 123

**PROPERTY LINES FROM "PLAN OF LAND IN ACTON,
MASS. SURVEYED FOR LAWRENCE DONNELLY"
PREPARED BY HARLAN E. TUTTLE, SURVEYOR,
DATED JANUARY 7, 1972. PLAN 43 OF 1972.**

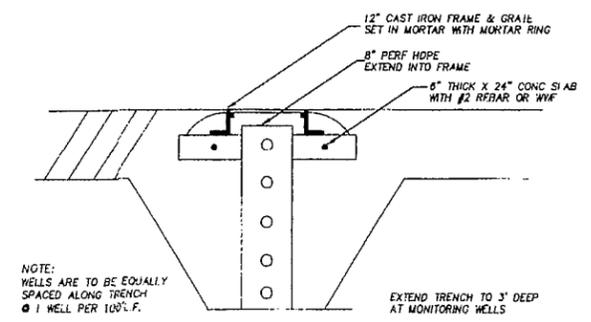
**EXISTING CONDITIONS BASED ON CONCEPTUAL PLAN
BY FORESITE ENGINEERING ASSOCIATES, INC.**

EXISTING FACILITIES

- THE EXISTING STRUCTURES ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- FLOOR SLABS ARE TO BE CRACKED AND FOUNDATIONS ARE TO BE PUSHED IN AND BACKFILLED IN A MANNER SUCH THAT VOIDS ARE NOT FORMED UNLESS THEY ARE LOCATED UNDER AREAS TO BE UTILIZED FOR NEW STRUCTURES, INSTALLATION OF UTILITIES, STORMWATER MANAGEMENT SYSTEMS, OR SUBSURFACE SEWAGE DISPOSAL SYSTEMS.
- COLLAPSED FOUNDATIONS SHALL NOT RETAIN WATER.
- EXISTING BITUMINOUS CONCRETE PAVEMENTS ARE TO BE REMOVED AND TRANSPORTED OFF SITE FOR RECYCLING.
- THE EXISTING UTILITIES ARE TO BE DISCONNECTED AS DIRECTED BY THE APPROPRIATE UTILITY COMPANIES.
- THE EXISTING WATER SERVICE IS TO BE TERMINATED AS DIRECTED BY THE ACTON WATER DISTRICT.



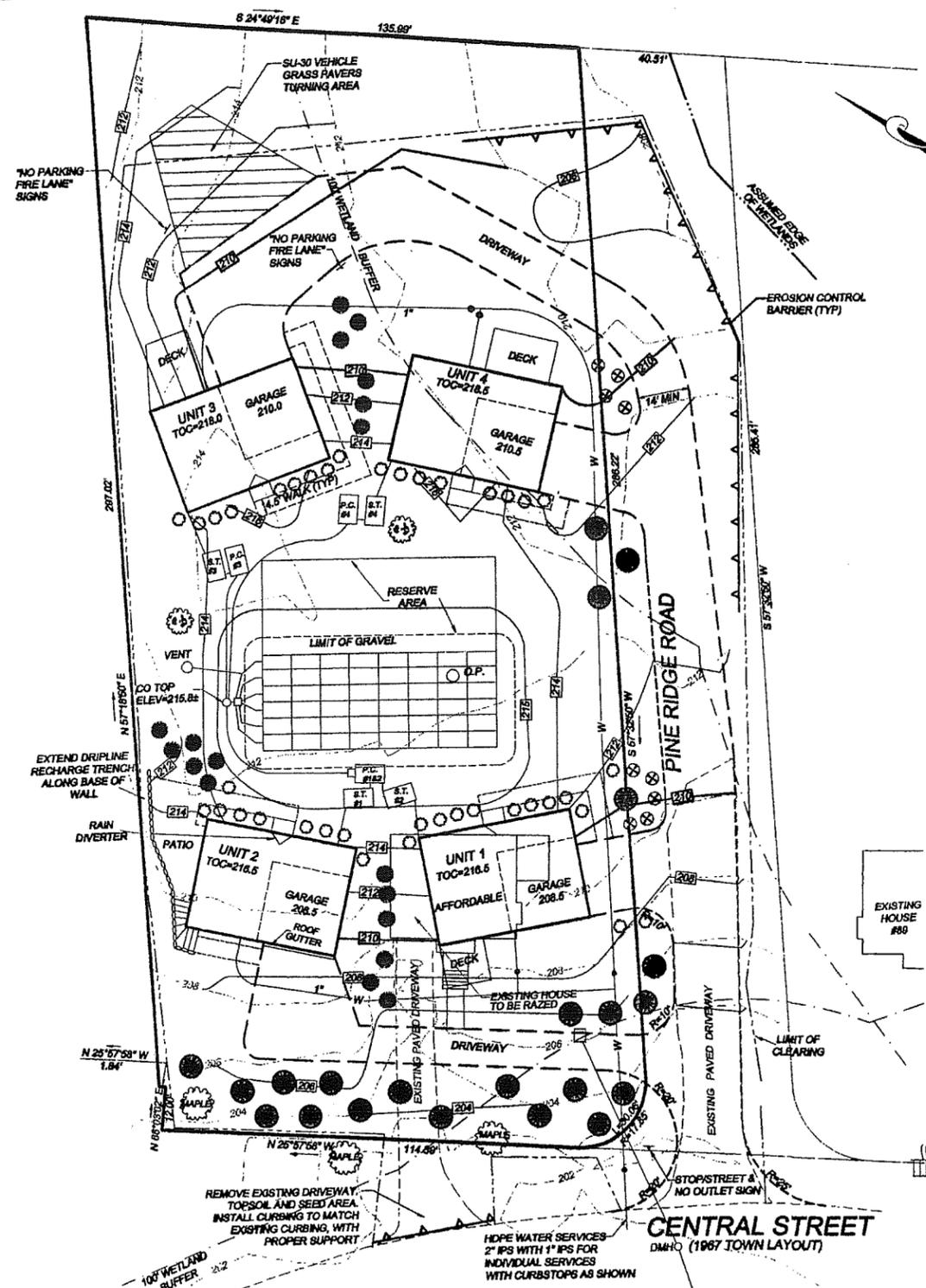
DRIPLINE RECHARGE TRENCH DETAIL
N.T.S.



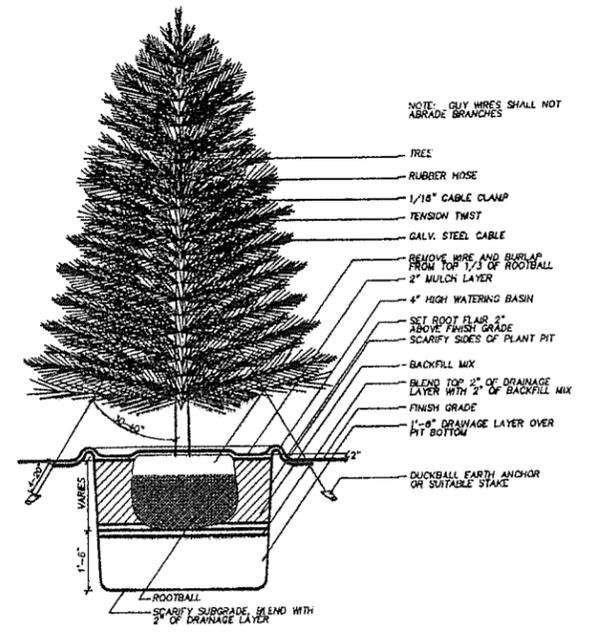
NOTE:
WELLS ARE TO BE EQUALLY SPACED ALONG TRENCH
@ 1 WELL PER 100' F.

DRIVEWAY RECHARGE TRENCH MONITORING WELL DETAIL
N.T.S.

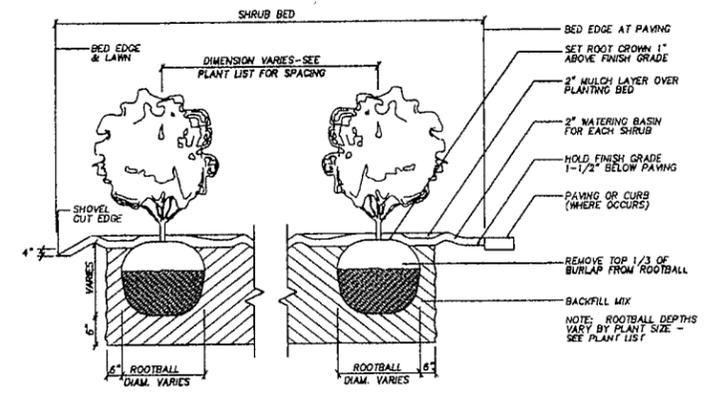
1	9/29/09	TOWN COMMENTS
No.	DATE	DESCRIPTION
REVISIONS		
SITE DEVELOPMENT PLAN		
MARSH VIEW		
93 CENTRAL STREET ACTON, MA		
PREPARED FOR: MARSH VIEW, LLC 411 MASSACHUSETTS AVENUE, SUITE 304 ACTON, MA 01720		
SCALE: 1"=20'	DATE: JUNE 19, 2009	
	Acton Survey & Engineering, Inc.	97 GREAT ROAD P.O. BOX 666 ACTON, MA 01720 PH. (978) 263-3666 FAX (978) 635-0218
	Since 1967	



SYMBOL	TYPE	SIZE	EXAMPLE
	FLOWERING TREE	6"	PIRUS CALLERYANNA (ARISTOGAT FLOWERING PEAR)
	MAPLE TREE	6"	ACER RUBRUM (RED MAPLE)
	EVERGREEN TREE	8"	PIRUS STROBUS (WHITE PINE), TSUGA CANADENSIS (CANADIAN HEMLOCK), PINUS RESINOSA (RED PINE), TAXUS THUJA SMARAGD (EMERALD GREEN ARBORVITAE)
	FORSYTHIA	4"	FORSYTHIA 'GOLD TIDE' (GOLD TIDE FORSYTHIA)
	FOUNDATION PLANT	18-24" CONTAINED	JUNIPERUS 'GOLD LACE' (GOLD LACE JUNIPER), JUNIPERUS 'SEAGREEN' (SEAGREEN JUNIPER), CEPHALOTAXUS HARRINGTONIA 'PROSTRATA' (JAPANESE PLUM YEW), RHODODENDRON 'CHIONODES' (CHIONODES RHODODENDRON), TAXUS THUJA (ARBORVITAE)
	ARBORVITAE	6-8"	TAXUS THUJA SMARAGD (EMERALD GREEN ARBORVITAE)



EVERGREEN TREE PLANTING
NOT TO SCALE



SHRUB PLANTING
NOT TO SCALE

LANDSCAPE NOTES

- All landscape materials shall be of nursery stock grown in New England.
- All topsoil shall be retained onsite.
- Branches and brush shall be clipped and retained for incorporation into erosion controls and slope stabilization.
- Areas of disturbance shall be limited and be made erosion resistant as soon as possible.
- The Orders of Conditions shall be kept on site and adhered to.

GRASS

All disturbed areas shall be planted in grass, unless shown otherwise on the plans. Planting shall be performed during the optimum periods of the year and facilities for irrigation shall be present.

Weed killers shall not be utilized before, during or immediately after seeding.

Six inches of topsoil, corrected for alkalinity, shall be spread to conform to the grades shown on the plans. Adjustments shall be made to eliminate shallow areas where water might collect and areas in excess of 3H:1V.

The top three inches of the topsoil shall be loosened and debris, sticks and stones shall be removed.

Soil pods shall be broken to a size less than a half dollar and the formation of a fine soil shall be avoided.

Spread seed at the rate stipulated by the grower. Generally, 16 seeds per square inch is desirable. Over seeding will result in plants not receiving sufficient nutrients resulting in weak grass. Spreading shall be by rotary spreader.

Gross seed shall be selected based on the nature of the lawn surface to be established. Consideration should be given to drought resistant grasses.

Cover the seeds by dragging so that 1/4 inch of cover results and lightly compact the soil with an empty roller to provide soil contact.

Apply a starter fertilizer by rotary spreader at the rate provided by the manufacturer.

Water lightly and frequently in a manner that does not saturate the soil or result in runoff. Irrigation shall be at least daily and if possible for three 10 minute periods with one being timed to provide cooling in the early afternoon and to keep roots moist.

Weed control applications shall only be made if not prohibited by an Order of Conditions and after the grass has been mowed at least 3 times.

Establishing the lawn areas by hydro-seeding or placement of sod may be substituted and is recommended under adverse growing conditions or in areas requiring rapid stabilization.

Crush Stone Walk Notes

- Walk shall not be located or graded in a manner in which runoff will be concentrated and cause erosion or result in portions of the walk being flooded.
- Organic materials and soils and other unsuitable bearing materials shall be removed from under and for an area 10 feet from walk.
- Foundation materials shall be thoroughly compacted under and within 10 feet of work prior to construction of walk. Remove any stones over 6 inches from the surface under the proposed walk.
- Process gravel shall be free of organic soils and stones over 3/4 inch in size. Gradation shall allow for free draining and be suited to allow compaction.
- Three inch wearing surface shall have the following percentage by weight passing the designated sieve and be thoroughly mixed with a soil stabilizer such as that manufactured by Stabilized, Inc [800-336-2468].

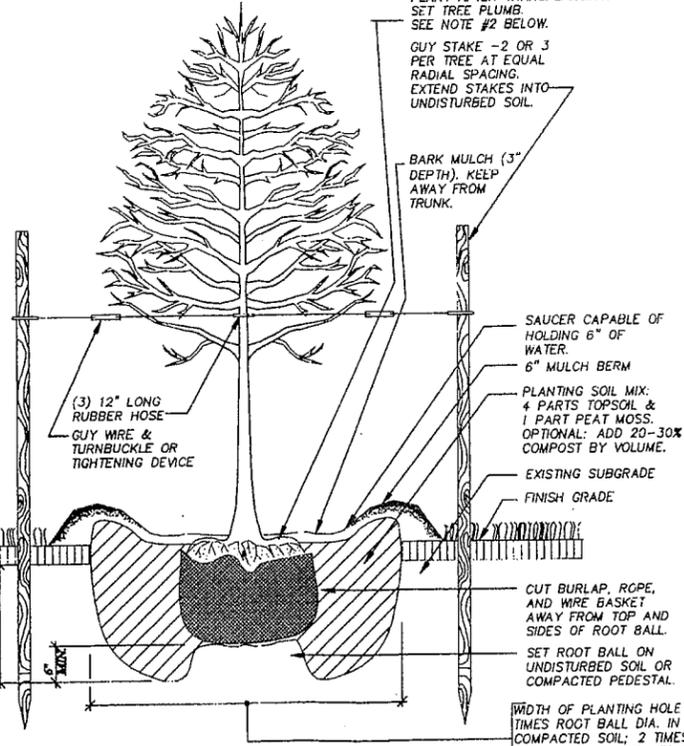
3/8-in	100
# 4	95-100
# 8	75-80
# 16	55-65
# 30	40-50
# 50	25-35
#100	20-25
#200	5-15

Materials passing the #200 sieve shall be non-plastic.

- Wearing surface shall be placed between forms, edging materials or other constraining device. Raked smooth and to desired cross-section and gently water at a rate of 2 gallons per 100 square feet, or as required to achieve full penetration of wearing surface without causing runoff.
- Compact walk with a 250 pound [30 inch wide] lawn roller.

PROPERTY LINES FROM "PLAN OF LAND IN ACTON, MASS. SURVEYED FOR LAWRENCE DONNELLY" PREPARED BY HARLAN E. TUTTLE, SURVEYOR, DATED JANUARY 7, 1972. PLAN 43 OF 1972.

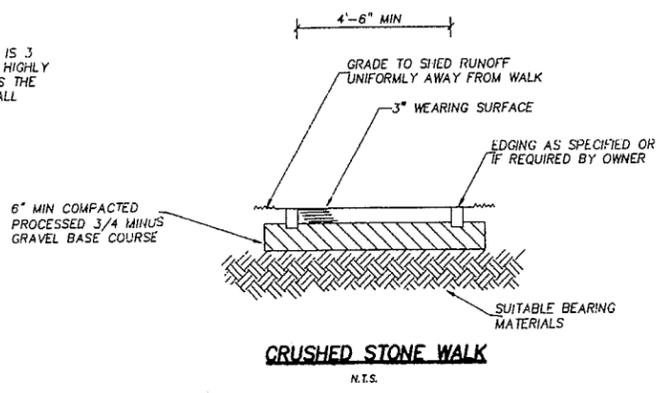
EXISTING CONDITIONS BASED ON CONCEPTUAL PLAN BY FORESITE ENGINEERING ASSOCIATES, INC.



TREE PLANTING DETAIL
N.T.S.

NOTES:

- GUY WIRES SHALL NOT ABRADF BRANCHES.
- REMOVE ALL SYNTHETIC WRAP, IF PRESENT.
- TRUNK FLARE AND TOP OF ROOT BALL SHOULD BE AT GRADE IN WELL DRAINED SOIL.
- PACK BACKFILL SOIL AROUND BASE OF ROOT BALL TO STABILIZE. ALLOW REST OF BACKFILL TO SETTLE NATURALLY OR TAMP LIGHTLY.



CRUSHED STONE WALK
N.T.S.

No.	DATE	TOWN COMMENTS	DESCRIPTION
1	9/29/09	TOWN COMMENTS	

REVISIONS

LANDSCAPE PLAN
MARSH VIEW
93 CENTRAL STREET
ACTON, MA

PREPARED FOR:
MARSH VIEW, LLC
411 MASSACHUSETTS AVENUE, SUITE 304
ACTON, MA 01720

SCALE: 1"=20' DATE: JUNE 19, 2009

Acton Survey & Engineering, Inc.
Since 1967

97 GREAT ROAD
P.O. BOX 666
ACTON, MA 01720
PH. (978) 263-3666
FAX (978) 635-0218

6730 40B-6/7

EROSION AND SEDIMENTATION CONTROL

GENERAL

A rapid and well ordered construction project of this site resulting in the limitation of extent and time in which surfaces are not erosion resistant shall be the primary erosion and sedimentation control method utilized of this site.

The flat slopes and heavy vegetation between the area of construction and the wetlands at the rear of the property should limit the possibility of products of erosion impacting the wetland.

The transport of or tracking of earth to Central Street where it could be "washed" to catch basins or wetland resource areas is of greater concern.

The area of disturbance shown on the plans is less than one acre. Disturbance of over one acre requires a filing with US EPA.

CLEARING

Prior to clearing the limit of work shall be demarcated. Invasive vegetation shall be removed and transported off site for disposal by incineration. All other vegetation shall be removed and disposed of within one week of cutting, except woodchips which should be retained on site for erosion control.

EROSION BARRIERS

A double row of silt fences shall be installed at the rear of the property and its toe sealed with wood chips.

The existing Pine Ridge Road driveway shall be used for access and double rows of sand bag dikes shall be placed across the bottom to divert runoff to a basin formed by placing sand bags in a "U" shape. The capacity of the basin will be minimal and earthen products must be removed from the driveways and the area tributary to the sand bags must be kept stable or materials will be transported beyond the sand bags.

A broom and shovel shall be kept at the site for policing the driveway and Central Street.

Temporary construction entrances or tracking pads are shown and their locations must be adjusted to correspond with changes in site conditions.

Silt fences and sand bag check dams shall be installed as necessary to decrease the concentration of runoff and transport of products of erosion.

SITE CONSTRUCTION

The existing house shall be removed with allowances for proper dust control and be removed from site simultaneously with its demolition. Materials shall not be piled on site.

Building materials shall be stored in a manner that will not concentrate runoff and create unnecessary traffic. Containers shall be utilized for disposal of refuse except liquid wastes which shall be placed in sealed containers and transported offsite for required disposal.

The site shall be kept neat and litter free.

The area of disturbance required for the subsurface sewage disposal is a significant portion of the site and the construction of the system shall be scheduled so it can be accomplished and made erosion resistant in a short time period. Stabilization of its surface with an annual cover shall be done if permanent stabilization is not possible.

Driveways shall be brought to binder course as soon as possible to limit rutting. The placement of pavement will enhance the transport of products of erosion from tributary surfaces and efforts shall be made to limit runoff, control erosion and capture materials prior to their reaching the pavements.

Stabilization shall be an on going process and not be delayed until final landscaping. Topsoil has a high erosion potential.

RECHARGE SYSTEMS

Stormwater management for the site is accomplished by drip line recharge trenches at the houses and recharge trenches along portions of the driveway. The long term viability of these facilities will be adversely impacted if products of erosion reached them.

Prior to the construction of the recharge facilities areas tributary to them shall be made erosion resistant and barriers such as sand bag dikes shall be installed as required to provide necessary protections.

After their installation the site shall be maintained to limit the transport of soil, debris and landscape litter to the recharge trenches.

RECHARGE SYSTEM OPERATION AND MAINTENANCE

The recharge systems have been designed to require limited maintenance if the surfaces tributary to them are kept erosion resistant and free of materials [leaf litter, sand for ice control, etc.] that could be transported by runoff to the trenches.

Noticeable amounts of sand and debris located on the driveways shall be promptly removed and properly disposed of.

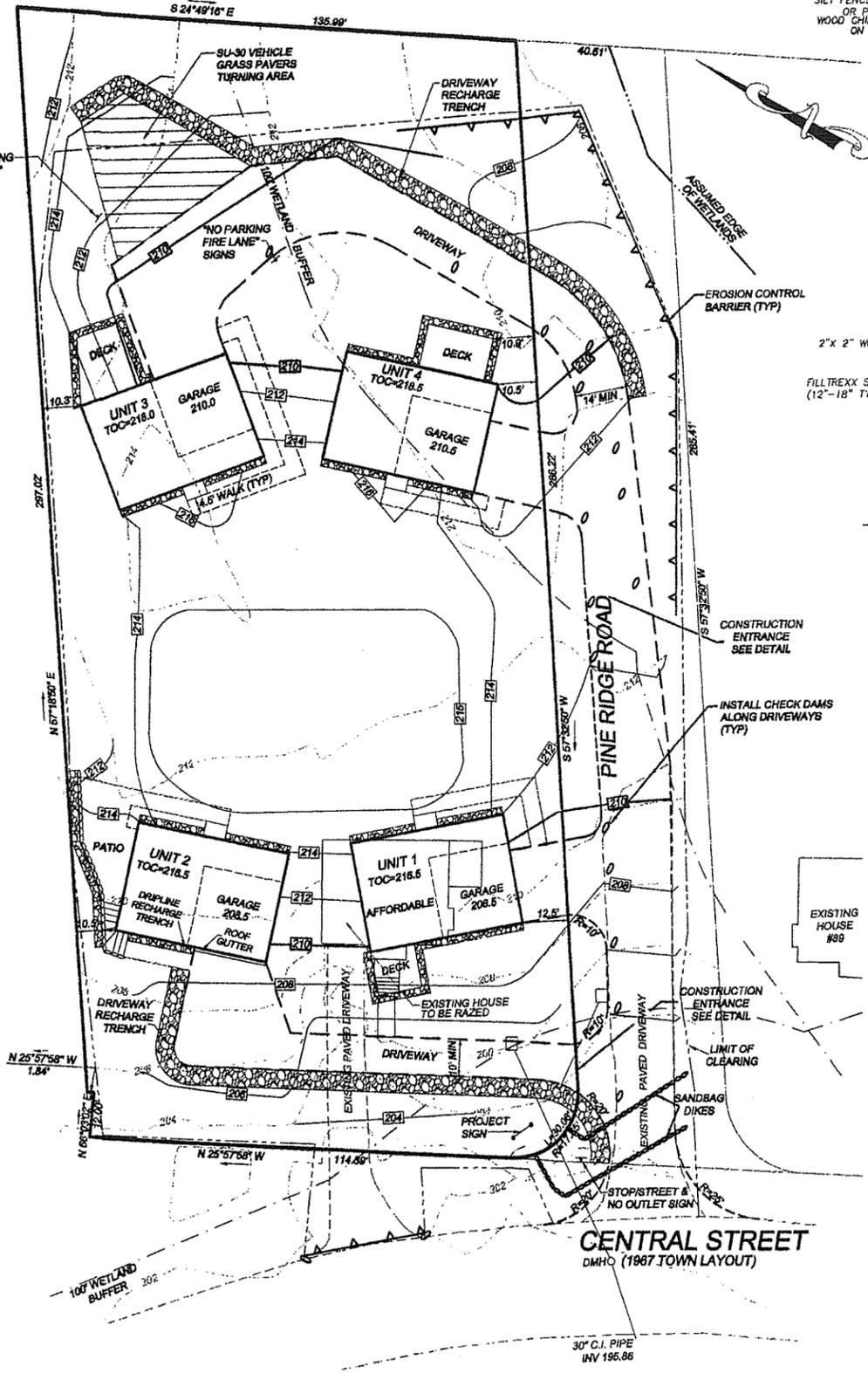
The concrete structure located above the bottom driveway on Pine Ridge is a catch basin installed to remove materials from the runoff flowing down Pine Ridge. The catch basin has a four foot deep sump to retain sand and other debris and the piped outlet is arranged to retain oil and other materials that float on the water surface.

The catch basin should be cleaned on an annual basis by a licensed person and observed each quarter to determine if additional cleaning is required by passing a dipstick through the open grate and measuring the depth of water. If debris is not present the depth of water will be four feet. If the depth of water is less than three feet, then there is over a foot of debris and the basin should be cleaned.

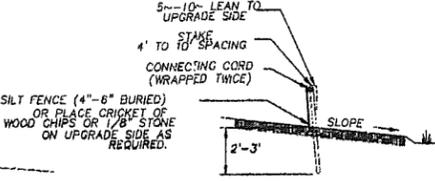
When the dipstick is removed its surface should be inspected for the presence of oil and if such materials are detected the catch basin shall be cleaned.

If the recharge trenches are observed to be overflowing they should be monitored to determine if this is a common occurrence. If it is found that it is common their replacement by excavation and placement of new stone shall be planned.

Each driveway trench has two monitoring wells. The wells are located in areas where the recharge well extends to a depth of three feet. The water level in the wells should be one foot or less from the surface shortly after rain storms. If it is found to be higher, then renovation of the trenches should be planned.

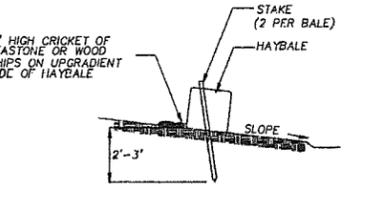


NOTE: THE CENTRAL STREET DRAINAGE SYSTEM AND RIGHT-OF-WAY IN FRONT OF THE SITE SHALL BE CLEANED PRIOR TO AND MAINTAINED AS SUCH DURING CONSTRUCTION - SEE GENERAL NOTES



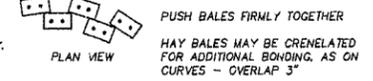
NOTES:

1. FENCES SHALL BE LOCATED AT LIMIT OF WORK, OR AS SHOWN ON PLANS.
2. PENETRATE OR "SNUG" GROUND WITH BOTTOM FOR ENTIRE LENGTH.
3. DO NOT INSTALL IN A MANNER WHICH WILL CONCENTRATE RUNOFF.
4. BACK FENCE WITH STAKED HAYBALES IN HIGH RISK AREAS.
5. MAINTAIN AND REMOVE FENCE AS REQUIRED.
6. REMOVE PRODUCTS OF EROSION FREQUENTLY.

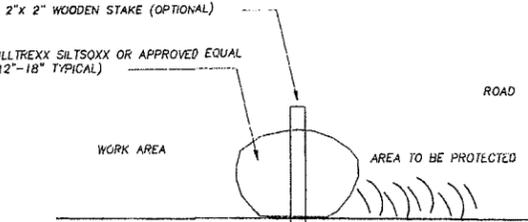


EROSION CONTROL BARRIER

(TWO ALTERNATIVES)
N.T.S.

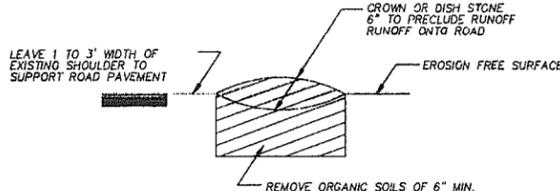


PUSH BALES FIRMLY TOGETHER
HAY BALES MAY BE CRINKLED FOR ADDITIONAL BONDING, AS ON CURVES - OVERLAP 3"



EROSION CONTROL SOCK DETAIL

N.T.S.

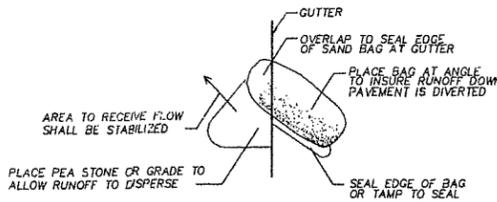


NOTES:

1. STONE SHALL BE 1-3" IN SIZE AND INSTALLED TO REMOVE AND ENTRAP MATERIALS FROM TIRES AND NOT BE TRANSPORTED TO ROAD.
2. STONE SHALL EXTEND ACROSS FULL WIDTH OF ENTRANCE AND BE OF SUFFICIENT LENGTH TO PRECLUDE MUD FROM REACHING ROAD.
3. STONE SHALL BE REPLACED AS REQUIRED TO INSURE MUD REMOVAL.

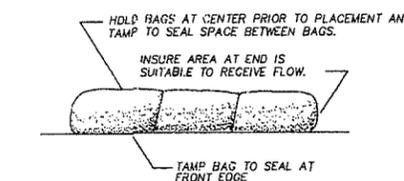
TEMPORARY CONSTRUCTION ENTRANCE

N.T.S.



SAND BAG CHECK DAM DETAIL

N.T.S.



SAND BAG DIKE DETAIL

N.T.S.

PROPERTY LINES FROM "PLAN OF LAND IN ACTON, MASS. SURVEYED FOR LAWRENCE DONNELLY" PREPARED BY HARLAN E. TUTTLE, SURVEYOR, DATED JANUARY 7, 1972. PLAN 43 OF 1972.

EXISTING CONDITIONS BASED ON CONCEPTUAL PLAN BY FORESITE ENGINEERING ASSOCIATES, INC.

No.	DATE	TOWN COMMENTS	DESCRIPTION
1	9/29/09		

REVISIONS

EROSION AND SEDIMENTATION CONTROL PLAN-MARSH VIEW

93 CENTRAL STREET
ACTON, MA

PREPARED FOR:
MARSH VIEW, LLC
411 MASSACHUSETTS AVENUE, SUITE 304
ACTON, MA 01720

SCALE: 1"=20' DATE: JUNE 19, 2009



C:\ARCSOFT\PROJECTS\0730W161\Map\0730W161-base.dwg 408 EROSION PLAN (7 of 7), Copyright Acton Survey & Engineering, Inc.