EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MASSACHUSETTS

MARCH 28, 2016

REVISED: MAY 13, 2016

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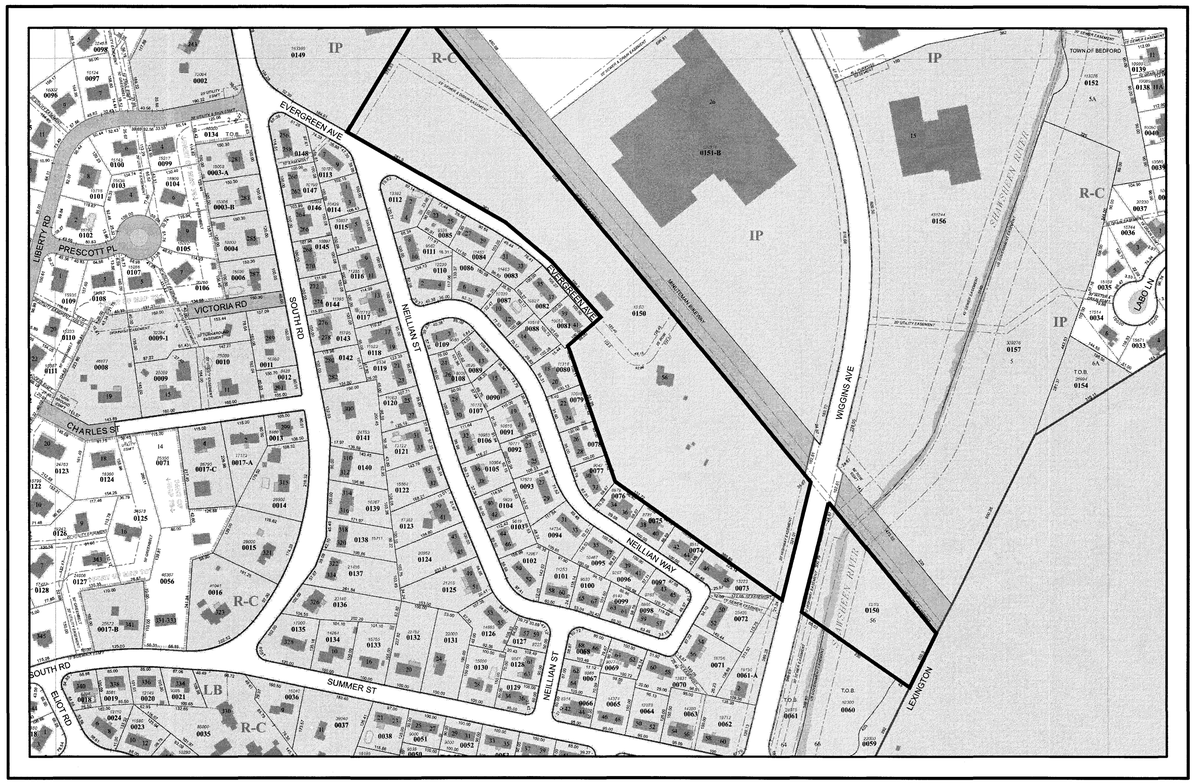
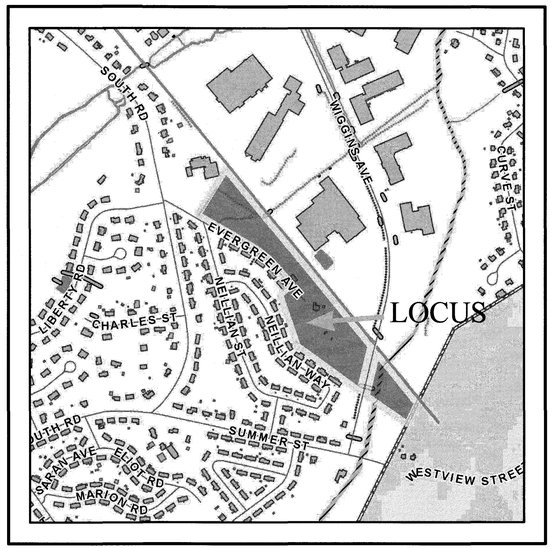


LOCUS

SCALE: 1"=200'

N



LOCUS

SCALE: 1"=500'

REFERENCE

MIDDLESEX REGISTRY OF DEEDS
SOUTH DISTRICT
DEED BOOK 64031 PAGE 41
PLAN 772 OF 1937

APPLICANT

MELANSON DEVELOPMENT
5 ROBERTSON WAY
WOBURN, MA 01801

ZONING DISTRICT

RESIDENCE C
GROUNDWATER SUPPLY FAVORABILITY– CLASS 6
AQUIFER PROTECTION DISTRICT ZONE IIIB

ARCHITECT

REEVES DESIGN ASSOCIATES
79 HIGHLAND STREET
MARLBOROUGH, MA 01752

SURVEYOR/ENGINEER

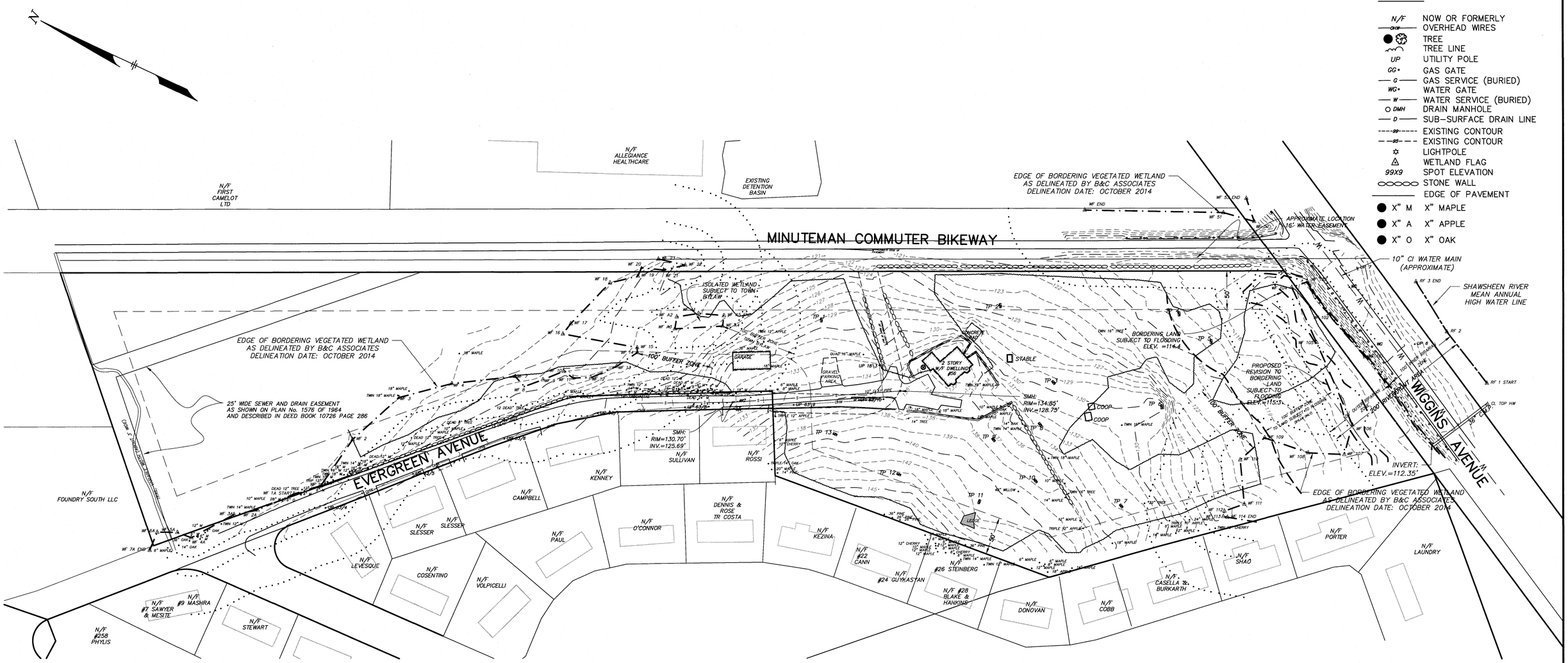
STAMSKI AND MCNARY, INC.
1000 MAIN STREET
ACTON, MA 01720

RECORD OWNER

56 EVERGREEN AVENUE REVOCABLE TRUST
DANIEL YAUCKOES
17 MOORE STREET
CHELMSFORD, MA 01824

PROJECT LOCATION

56 EVERGREEN AVENUE
TOWN MAP 079, LOT 150



LEGEND:

N/F	NOW OR FORMERLY
—OHW—	OVERHEAD WIRES
	TREE
	TREE LINE
UP	UTILITY POLE
GG•	GAS GATE
—G—	GAS SERVICE (BURIED)
WG•	WATER GATE
—W—	WATER SERVICE (BURIED)
DMH	DRAIN MANHOLE
—D—	SUB-SURFACE DRAIN LINE
—99—	EXISTING CONTOUR
—95—	EXISTING CONTOUR
	LIGHTPOLE
	WETLAND FLAG
99X9	SPOT ELEVATION
	STONE WALL
	EDGE OF PAVEMENT
X" M	X" MAPLE
X" A	X" APPLE
X" O	X" OAK

DATUM

ELEVATIONS SHOWN ON THIS PLAN REFER TO AN ASSUMED BASE.

UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

EXISTING CONDITIONS

FOR: MELANSON DEVELOPMENT

SCALE: 1"=60' MARCH 28, 2016

REVISED: MAY 13, 2016

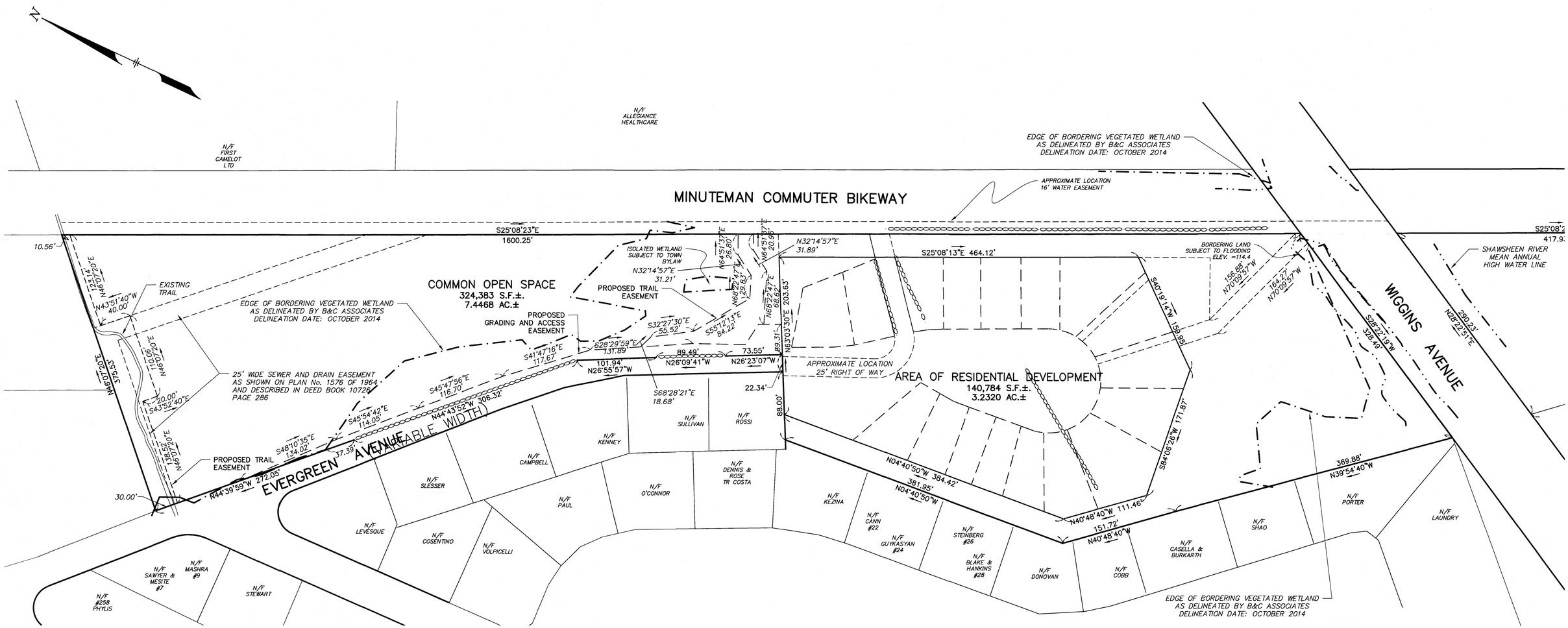
STAMSKI AND McNARY, INC.

1000 MAIN STREET ACTON, MASS.

ENGINEERING – PLANNING – SURVEYING

0 30 60 120 240 FEET

SM-5294A SHEET 2 OF 12 (5294A PRD.dwg)



RECORD OWNER

56 EVERGREEN AVENUE REVOCABLE TRUST
DANIEL YAUCKOES
17 MOORE STREET
CHELMSFORD, MA 01824

REFERENCE

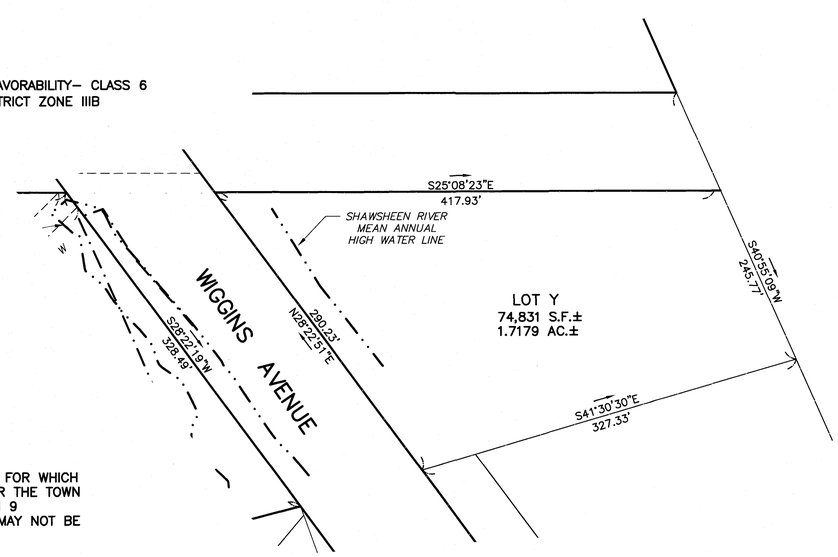
MIDDLESEX REGISTRY OF DEEDS
SOUTH DISTRICT
DEED BOOK 64031 PAGE 41
PLAN 772 OF 1937

ZONING DISTRICT

RESIDENCE C
GROUNDWATER SUPPLY FAVORABILITY– CLASS 6
AQUIFER PROTECTION DISTRICT ZONE IIIB

PROJECT LOCATION

56 EVERGREEN AVENUE
TOWN MAP 079, LOT 150



NOTES

1. THE LAND SHOWN ON THIS PLAN FOR WHICH A SPECIAL PERMIT IS GRANTED UNDER THE TOWN OF BEDFORD ZONING BYLAW, SECTION 9 PLANNED RESIDENTIAL DEVELOPMENT MAY NOT BE FURTHER SUBDIVIDED.

BEDFORD PLANNING BOARD

DATE:

THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE

REGISTERED PROFESSIONAL LAND SURVEYOR

I, CLERK OF THE TOWN OF BEDFORD, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE BEDFORD PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE

TOWN CLERK

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

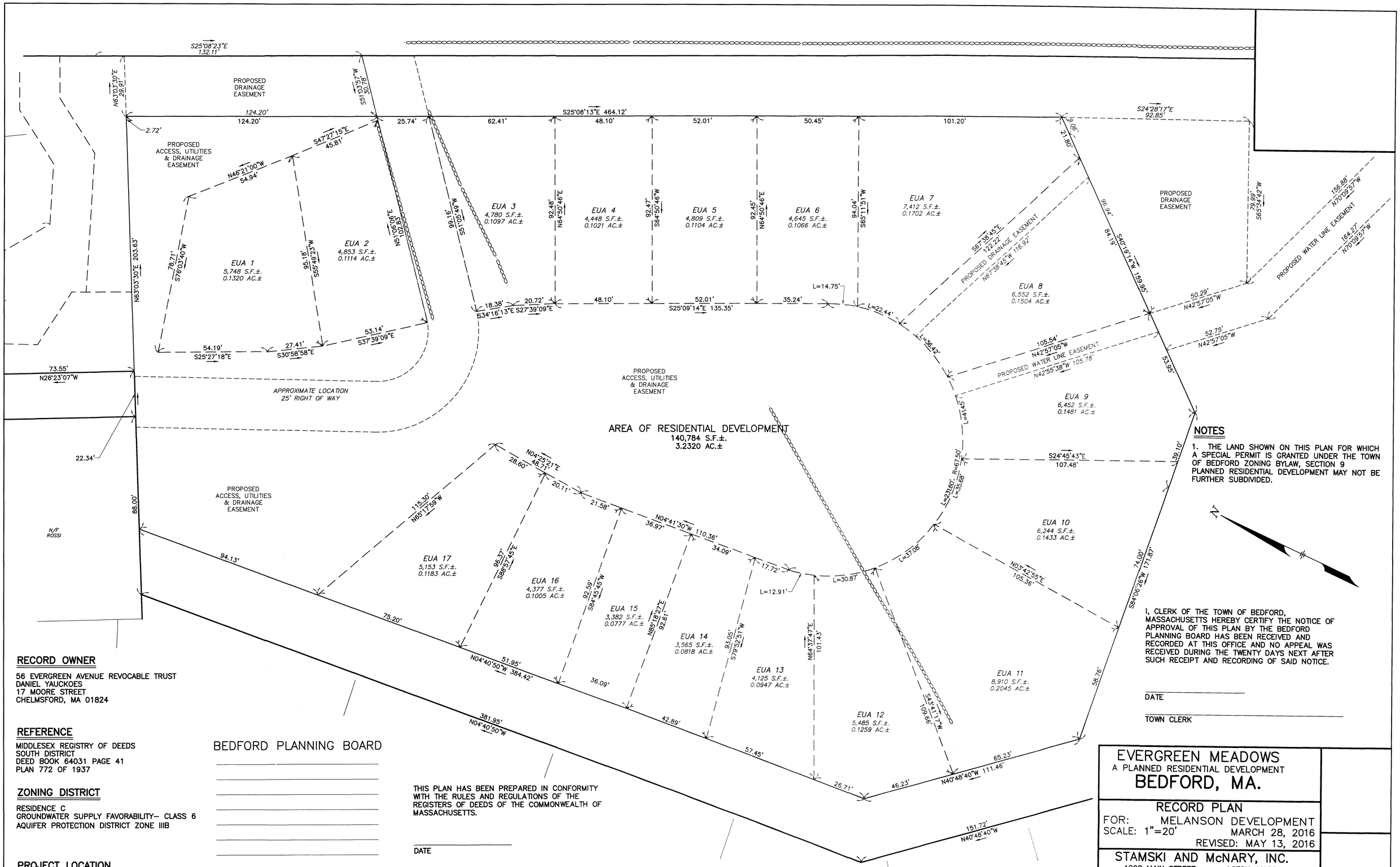
RECORD PLAN

FOR: MELANSON DEVELOPMENT
SCALE: 1"=60' MARCH 28, 2016
REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING – PLANNING – SURVEYING

0 30 60 120 240 FEET

SM–5294A SHEET 3 OF 13 (5294A.PRD4.RECORD.dwg)



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TOWN CLERK

RECORD OWNER

56 EVERGREEN AVENUE REVOCABLE TRUST
DANIEL YAUCKOES
17 MOORE STREET
CHELMSFORD, MA 01824

REFERENCE

MIDDLESEX REGISTRY OF DEEDS
SOUTH DISTRICT
DEED BOOK 64031 PAGE 41
PLAN 772 OF 1937

ZONING DISTRICT

RESIDENCE C
GROUNDWATER SUPPLY FAVORABILITY– CLASS 6
AQUIFER PROTECTION DISTRICT ZONE IIIB

PROJECT LOCATION

56 EVERGREEN AVENUE
TOWN MAP 079, LOT 150

BEDFORD PLANNING BOARD

DATE:

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DATE

REGISTERED PROFESSIONAL LAND SURVEYOR

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

RECORD PLAN

FOR: MELANSON DEVELOPMENT
SCALE: 1"=20' MARCH 28, 2016
REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING – PLANNING – SURVEYING

0 10 20 40 80 FEET

SM–5294A SHEET 4 OF 13 (5294A.PRD4.RECORD.dwg)

MINUTEMAN COMMUTER BIKEWAY

SUBJECT TO GAINING APPROVAL

PROPOSED SMA-1

PROPOSED SMA-2

PROPOSED 4' WIDE GRAVEL TRAIL

PROPOSED FOUNDATION DRAIN (TYP.)

ROOF DRYWELL (TYP.)

RELOCATED STONE WALL

UNIT 1
FF=138.40
TC=137.20
GF=136.50
BF=129.70

UNIT 2
FF=138.90
TC=137.70
GF=137.00
BF=130.20

UNIT 3
FF=138.70
TC=137.50
GF=136.80
BF=130.00

UNIT 4
FF=137.50
TC=136.30
GF=135.60
BF=128.80

UNIT 5
FF=136.90
TC=135.70
GF=135.00
BF=128.20

UNIT 6
FF=135.20
TC=134.00
GF=133.30
BF=126.50

UNIT 7
FF=135.10
TC=133.90
GF=133.20
BF=126.40

UNIT 8
FF=135.20
TC=134.00
GF=133.30
BF=126.50

UNIT 9
FF=135.60
TC=134.40
GF=133.70
BF=126.90

UNIT 10
FF=136.30
TC=135.10
GF=134.60
BF=127.60

UNIT 11
FF=137.40
TC=136.20
GF=135.50
BF=128.70

UNIT 12
FF=141.30
TC=140.10
GF=137.30
BF=132.60

UNIT 13
FF=141.30
TC=140.10
GF=137.30
BF=132.60

UNIT 14
FF=143.00
TC=141.80
GF=139.00
BF=134.30

UNIT 15
FF=143.00
TC=141.80
GF=139.00
BF=134.30

UNIT 16
FF=143.70
TC=142.50
GF=139.70
BF=135.00

UNIT 17
FF=142.80
TC=141.60
GF=138.80
BF=134.10

2 STORY W/F DWELLING #56

GARAGE

STABLE

COOP

CONCRETE PAD

ROOF DRYWELL

GRAVEL PARKING AREA

DMH-1 DMH-2 DMH-3 DMH-4 DMH-5 DMH-6 DMH-7 DMH-8

CB-1 CB-2 CB-3 CB-4 CB-5 CB-6 CB-7

TP 1 TP 2 TP 3 TP 6 TP 8 TP 9 TP 10 TP 11 TP 12 TP 13

TBM
TOP HYDRANT
ELEV.=134.46
(NAVD OF 1988)

N/F ROSSI

N/F DENNIS & ROSE TR COSTA

N/F KEZINA

N/F #22 CANN

N/F #24 GUYKASYAN

N/F #26 STEINBERG

N/F #28 BLAKE & HANKINS

PROPOSED END SILTATION BARRIER

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

SITE DEVELOPMENT PLAN

FOR: MELANSON DEVELOPMENT

SCALE: 1"=20'

MARCH 28, 2016

REVISED: MAY 13, 2016

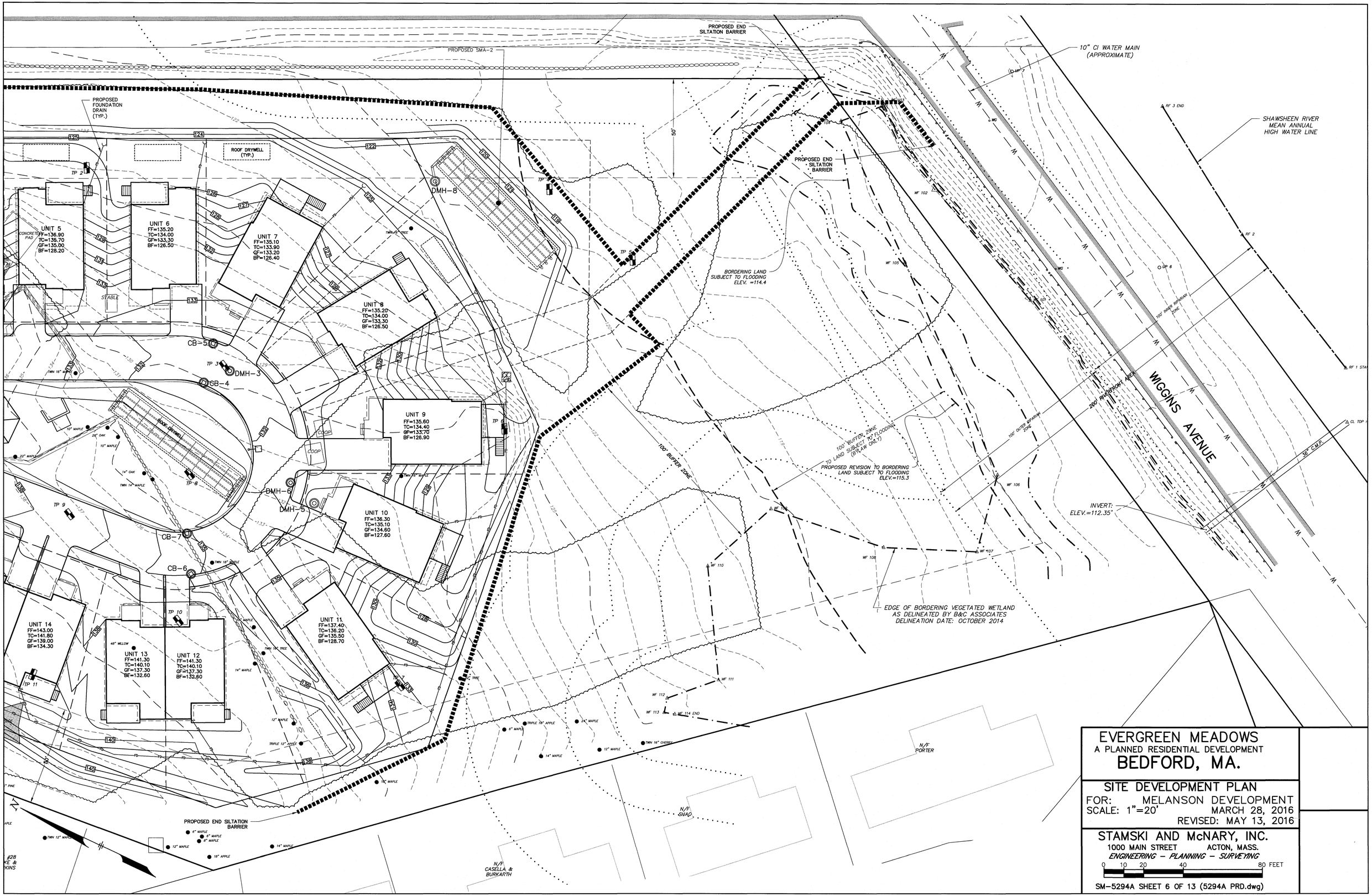
STAMSKI AND McNARY, INC.

1000 MAIN STREET ACTON, MASS.

ENGINEERING – PLANNING – SURVEYING

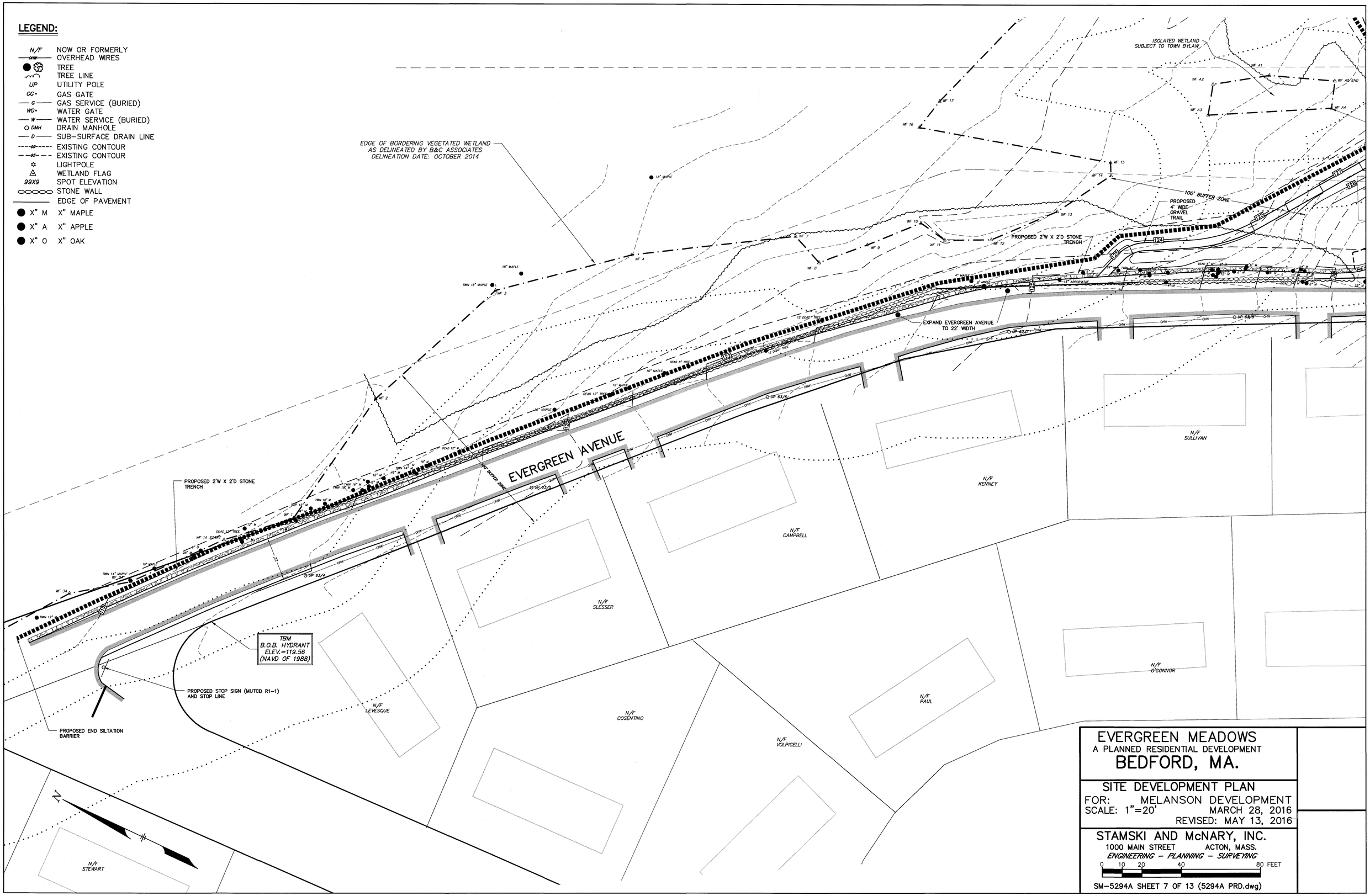
0 10 20 40 80 FEET

SM-5294A SHEET 5 OF 13 (5294A PRD.dwg)


PROPOSED END SILTATION BARRIER
PROPOSED SMA-2
10" CI WATER MAIN (APPROXIMATE)
PROPOSED FOUNDATION DRAIN (TYP.)
ROOF DRYWELL (TYP.)
SHAWSHEEN RIVER MEAN ANNUAL HIGH WATER LINE
UNIT 5 FF=136.90 TC=135.70 GF=135.00 BF=128.20
CONCRETE PAD
STABLE
UNIT 6 FF=135.20 TC=134.00 GF=133.30 BF=126.50
UNIT 7 FF=135.10 TC=133.90 GF=133.20 BF=126.40
UNIT 8 FF=135.20 TC=134.00 GF=133.30 BF=126.50
UNIT 9 FF=135.60 TC=134.40 GF=133.70 BF=126.90
UNIT 10 FF=136.30 TC=135.10 GF=134.60 BF=127.60
UNIT 11 FF=137.40 TC=136.20 GF=135.50 BF=128.70
UNIT 12 FF=141.30 TC=140.10 GF=137.30 BF=132.60
UNIT 13 FF=141.30 TC=140.10 GF=137.30 BF=132.60
UNIT 14 FF=143.00 TC=141.80 GF=139.00 BF=134.30
DMH-8
DMH-3
DMH-6
DMH-5
CB-5
CB-4
CB-7
CB-6
TP 2
TP 3
TP 6
TP 8
TP 9
TP 10
TP 11
COOP
ROOF DRYWELL
BORDERING LAND SUBJECT TO FLOODING ELEV. =114.4
100' BUFFER ZONE
100' BUFFER ZONE TO LAND SUBJECT TO FLOODING (BYLAW ONLY)
PROPOSED REVISION TO BORDERING LAND SUBJECT TO FLOODING ELEV.=115.3
100' OUTER RIPARIAN ZONE
100' INNER RIPARIAN ZONE
200' RIVERFRONT AREA
WIGGINS AVENUE
36" C.M.P.
INVERT: ELEV.=112.35'
EDGE OF BORDERING VEGETATED WETLAND AS DELINEATED BY B&C ASSOCIATES DELINEATION DATE: OCTOBER 2014
N/F PORTER
N/F SHAD
N/F CASELLA & BURKARTH
EVERGREEN MEADOWS
A PLANNED RESIDENTIAL DEVELOPMENT
BEDFORD, MA.
SITE DEVELOPMENT PLAN
FOR: MELANSON DEVELOPMENT
SCALE: 1"=20'
MARCH 28, 2016
REVISED: MAY 13, 2016
STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING
0 10 20 40 80 FEET
SM-5294A SHEET 6 OF 13 (5294A PRD.dwg)

LEGEND:

- N/F — NOW OR FORMERLY
- OHW — OVERHEAD WIRES
- TREE
- TREE LINE
- UP — UTILITY POLE
- GG+ — GAS GATE
- G — GAS SERVICE (BURIED)
- WG+ — WATER GATE
- W — WATER SERVICE (BURIED)
- DMH — DRAIN MANHOLE
- D — SUB-SURFACE DRAIN LINE
- 99 — EXISTING CONTOUR
- 95 — EXISTING CONTOUR
- LIGHTPOLE
- WETLAND FLAG
- 99X9 — SPOT ELEVATION
- STONE WALL
- EDGE OF PAVEMENT
- X" M — X" MAPLE
- X" A — X" APPLE
- X" O — X" OAK



EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

SITE DEVELOPMENT PLAN

FOR: MELANSON DEVELOPMENT

SCALE: 1"=20' MARCH 28, 2016

REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.

1000 MAIN STREET ACTON, MASS.

ENGINEERING – PLANNING – SURVEYING

0 10 20 40 80 FEET

SM-5294A SHEET 7 OF 13 (5294A PRD.dwg)

MINUTEMAN COMMUTER BIKEWAY

PROPOSED TRAIL EASEMENT

PROPOSED DRAINAGE EASEMENT

PROPOSED ACCESS, UTILITIES & DRAINAGE EASEMENT

PROPOSED GRADING AND ACCESS EASEMENT

APPROXIMATE LOCATION 25' RIGHT OF WAY

UNIT 1

UNIT 2

PROPOSED PORCH (TYP.)

UNIT 3

UNIT 4

PROPOSED SINGLE FAMILY HOUSE (TYP.)

UNIT 5

UNIT 6

UNIT 7

UNIT 8

UNIT 9

UNIT 10

UNIT 11

UNIT 12

UNIT 13

UNIT 14

UNIT 15

UNIT 16

UNIT 17

PROPOSED DUPLEX (TYP.)

ROOF DRYWELL (TYP.)

PROPOSED DRAINAGE EASEMENT

PROPOSED WATER LINE EASEMENT

PROPOSED HYDRANT (TYP.)

SNOW STORAGE

SIDEWALK

CAPE COD BERM

PROPOSED PATH

PROPOSED FIRE PIT

PROPOSED COMMUNITY STRUCTURE

CENTRAL COMMON

PROPOSED LIGHT (SEE DETAIL)

SMH-1

SMH-2

SMH-3

SMH-4

SMH-5

SMH-6

SMH-7

SMH-8

BIT. CONC. PAVEMENT

PROPOSED MAILBOXES

END CAPE COD BERM

N/F ROSSI

PROPOSED DECK (TYP.)

50'

30'

LEGEND

- PERVIOUS PAVERS (SEE DETAIL)
- PROPOSED WATER MAIN (8" CLDI) PROPOSED WATER SERVICE (1" COPPER)
- PROPOSED SEWER MAIN (8" SDR)
- PROPOSED UNDERGROUND UTILITIES

ZONING COMPLIANCE TABLE
PLANNED RESIDENTIAL DEVELOPMENT

RESIDENCE C – MIN. LOT AREA = 125,000 S.F.
TOTAL TRACT AREA = 465,167± S.F.

WETLANDS/FLOODPLAIN AREA = 177,137 S.F.

BASIC DENSITY = $\frac{(465,167-177,137)}{25,000 \text{ S.F.}}$ = 11 UNITS

MAXIMUM PERMISSIBLE DENSITY WITH AFFORDABLES = 11 UNITS x 2 = 22 UNITS

OPEN SPACE: REQUIRED = (.40)(465,167)=186,067 S.F.
PROVIDED = 324,383 S.F. (69.7%)
UPLAND REQUIRED = (.5)(186,067)=93,034 S.F.
PROVIDED = 147,215 S.F.

TOTAL TOWNHOUSE UNITS PROPOSED = 17
2 DUPLEX BUILDING WITH 3 BEDROOMS
13 SINGLE FAMILY BUILDINGS WITH 3 BEDROOMS
(50% OVER 11 OR 3 UNITS MUST BE AFFORDABLE)

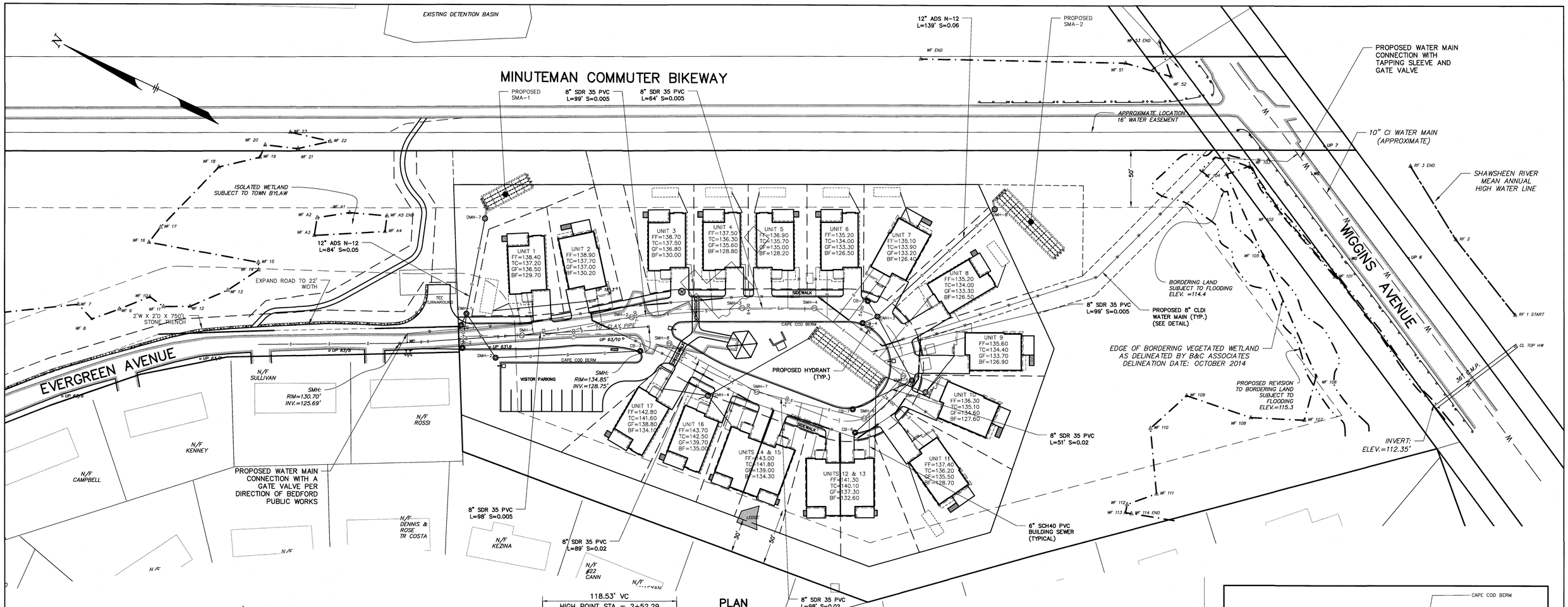
EVERGREEN MEADOWS
A PLANNED RESIDENTIAL DEVELOPMENT
BEDFORD, MA.

LAYOUT AND UTILITY PLAN
FOR: MELANSON DEVELOPMENT
SCALE: 1"=20' MARCH 28, 2016
REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING – PLANNING – SURVEYING

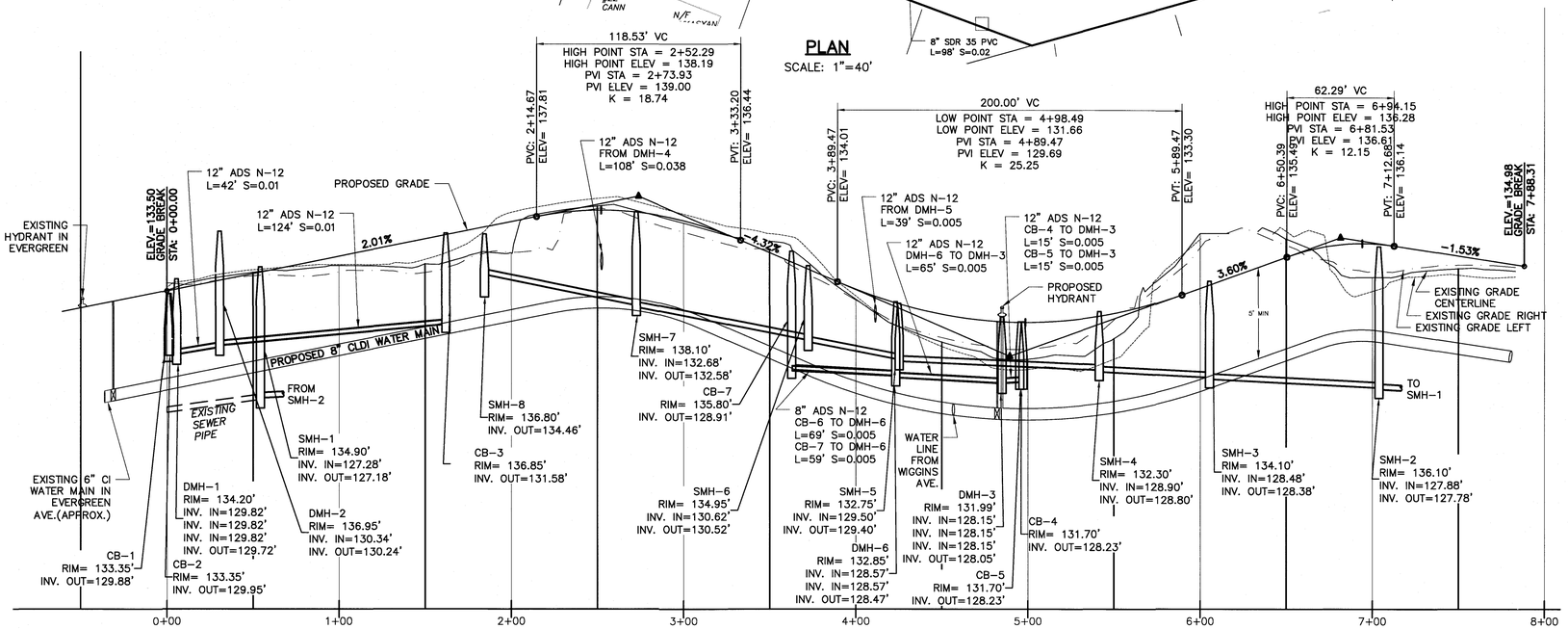
0 10 20 40 80 FEET

SM-5294A SHEET 8 OF 13 (5294A PRD.dwg)



PLAN

SCALE: 1"=40'



PROFILE

SCALE: 1"=40' HORIZ.
1"=4' VERT.

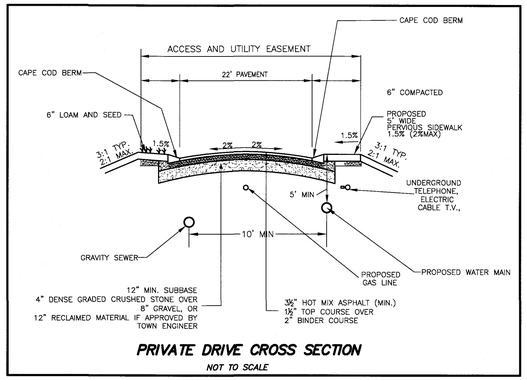
MANHOLES

	RIM	INV. IN	INV. OUT
DMH-4	139.20	135.80	135.70
DMH-5	134.50	131.89	131.79
DMH-7	128.30	125.73	125.48
DMH-8	122.50	119.80	119.55

SEWER INVERTS

UNIT #	4" INV. @ UNIT	BLD. SEWER PIPE, FT.	4" INV. @ SEWER MAIN
1	128.78	37	127.32
2	128.97	31	127.63
3	129.51	40	127.99
4	129.67	36	128.23
5	130.07	34	128.67
6	130.54	43	128.96
7	130.93	61	128.99
8	131.47	75	129.25
9	131.49	75	129.27
10	131.12	55	129.30
11	131.90	58	130.02
12	131.96	40	130.44
13	133.06	46	131.42
14	133.37	42	131.81
15	134.31	37	132.85
16	135.25	41	133.71
17	136.07	47	134.41

DATUM ELEV
115.00



PRIVATE DRIVE CROSS SECTION

NOT TO SCALE

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

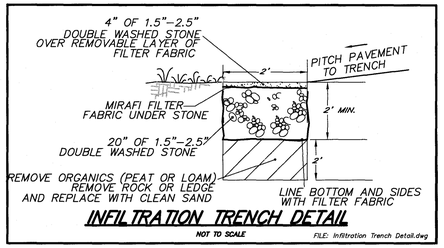
PLAN AND PROFILE

FOR: MELANSON DEVELOPMENT
SCALE: 1"=40' MARCH 28, 2016
REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING – PLANNING – SURVEYING

0 20 40 80 160 FEET

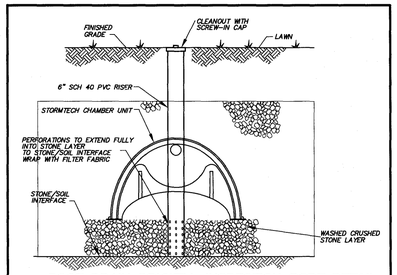
SM-5294A SHEET 9 OF 13 (5294A PRD.dwg)



INFILTRATION TRENCH DETAIL

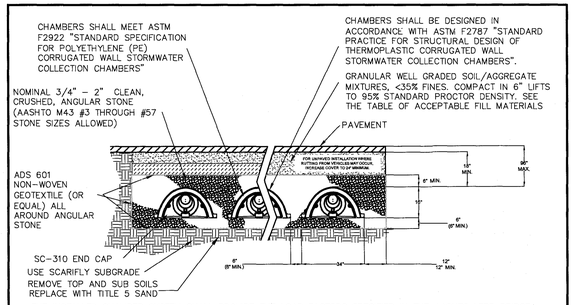
NOT TO SCALE

FILE: Infiltration Trench Detail.dwg



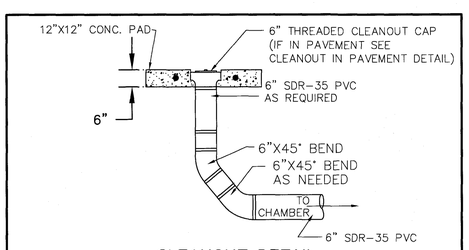
ROOF DRAIN DRYWELL INSPECTION PORT DETAIL

NOT TO SCALE



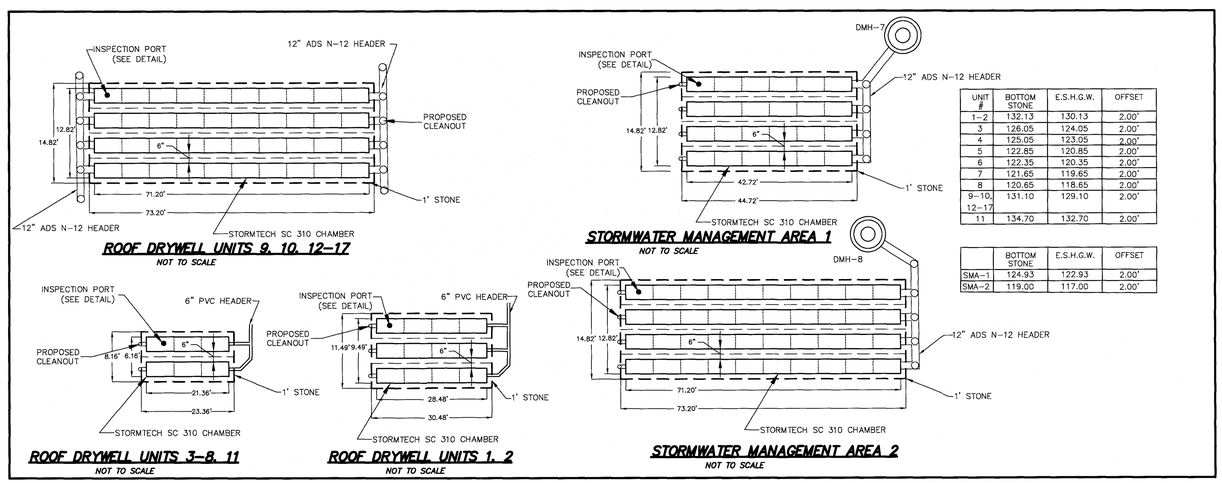
STORMTECH SC 310 (ROOF DRYWELL)

NOT TO SCALE



CLEANOUT DETAIL

NOT TO SCALE



UNIT #	BOTTOM STONE	E.S.H.G.W.	OFFSET
1–2	132.13	130.13	2.00'
3	126.05	124.05	2.00'
4	125.05	123.05	2.00'
5	122.85	120.85	2.00'
6	122.35	120.35	2.00'
7	121.65	119.65	2.00'
8	120.65	118.65	2.00'
9–10, 12–17	131.10	129.10	2.00'
11	134.70	132.70	2.00'

	BOTTOM STONE	E.S.H.G.W.	OFFSET
SMA–1	124.93	122.93	2.00'
SMA–2	119.00	117.00	2.00'

ROOF DRYWELL UNITS 9, 10, 12–17

NOT TO SCALE

STORMWATER MANAGEMENT AREA 1

NOT TO SCALE

ROOF DRYWELL UNITS 3–8, 11

NOT TO SCALE

ROOF DRYWELL UNITS 1, 2

NOT TO SCALE

STORMWATER MANAGEMENT AREA 2

NOT TO SCALE

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

DETAILS

FOR: MELANSON DEVELOPMENT

SCALE: 1"=20'

MARCH 28, 2016

REVISED: MAY 13, 2016

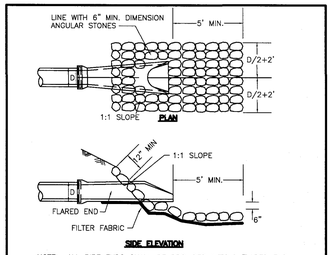
STAMSKI AND McNARY, INC.

1000 MAIN STREET ACTON, MASS.

ENGINEERING – PLANNING – SURVEYING

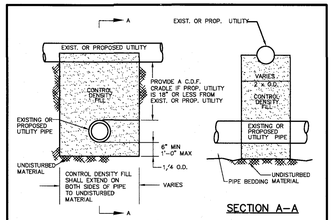
0 10 20 40 80 FEET

SM–5294A SHEET 10 OF 13 (5294A PRD.dwg)

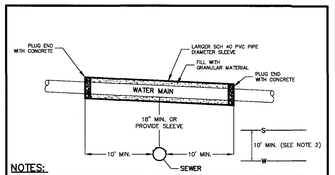


NOTE: ALL PIPE ENDS SHALL BE PROVIDED WITH A FLARED END.

PIPE END DETAIL
NOT TO SCALE

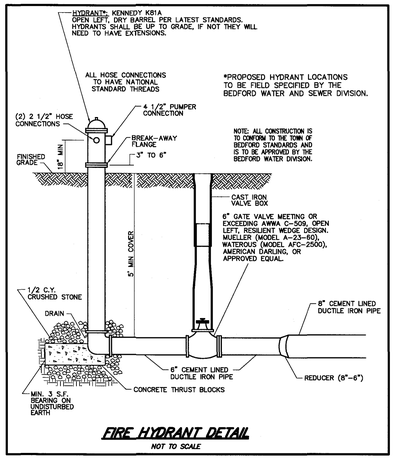


UTILITY SUPPORT DETAIL
NOT TO SCALE (DR-9)

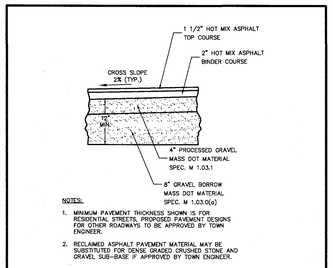


NOTES:
1. PIPE SLEEVE TO BE PROVIDED ONLY WHEN SEPARATION REQUIREMENTS OF WATER AND SEWER DIVISION CANNOT BE MET.
2. WHEREVER POSSIBLE, WATER SERVICES SHALL BE INSTALLED WITH A MINIMUM OF 10 FEET HORIZONTAL SEPARATION FROM SEWER SERVICES AND DRAINS AND A MINIMUM OF 3 FEET FROM ALL OTHER UTILITIES. ENCASEMENT OF EITHER THE WATER OR SEWER SERVICE IS REQUIRED IN THE FORM OF A 10-FOOT SLEEVE ON EITHER SIDE OF THE ADJACENT STRUCTURE IN THE FOLLOWING CASES:
   A) THE MINIMUM 10-FOOT HORIZONTAL SEPARATION FROM SEWER SERVICES AND DRAINS CANNOT BE MET;
   B) THE TOP OF THE SEWER BELL IS LESS THAN 18" FROM BOTTOM OF THE WATER LINE;
   C) A STORM DRAIN IS WITHIN 1.5 FEET ABOVE THE WATER LINE; OR
   D) A SEWER MAIN OR CONNECTION IS ABOVE WATER MAIN OR CONNECTION.
4. JOINTS OF BOTH PIPES SHALL BE LOCATED AS FAR AWAY AS POSSIBLE.

WATER & SEWER CROSSING DETAIL
NOT TO SCALE

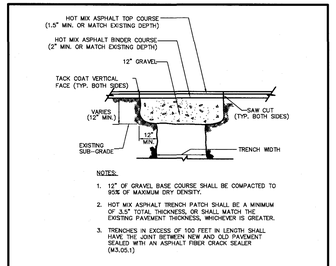


FIRE HYDRANT DETAIL
NOT TO SCALE



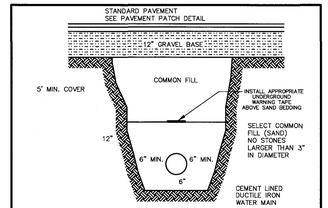
NOTES:
1. MINIMUM PAVEMENT THICKNESS SHOWN IS FOR RESIDENTIAL STREETS. PROPOSED PAVEMENT DESIGNS FOR OTHER ROADWAYS TO BE APPROVED BY TOWN ENGINEER.
2. RECLAIMED ASPHALT PAVEMENT MATERIAL MAY BE SUBSTITUTED FOR DENSE GRADED CRUSHED STONE AND GRAVEL SUB-BASE IF APPROVED BY TOWN ENGINEER.

TYPICAL PAVEMENT SECTION
NOT TO SCALE (RS-1)



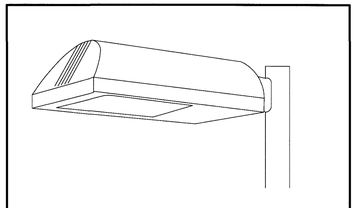
NOTES:
1. 12" OF GRAVEL BASE COURSE SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY.
2. HOT MIX ASPHALT TRENCH PATCH SHALL BE A MINIMUM OF 3.5" TOTAL THICKNESS, OR SHALL MATCH THE EXISTING PAVEMENT THICKNESS, WHICHEVER IS GREATER.
3. TRENCHES IN EXCESS OF 100 FEET IN LENGTH SHALL HAVE THE JOINT BETWEEN NEW AND OLD PAVEMENT SEALED WITH AN ASPHALT FIBER CRACK SEALER (M3.05.1)

TRENCH PAVEMENT DETAIL
NOT TO SCALE (RS-2)



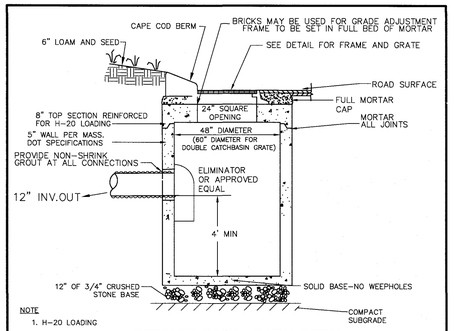
1. A THRUST BLOCK SHALL BE PROVIDED AT ALL BENDS AND ENDS OF WATERMAIN.
2. ALL WORK AND PAVEMENT REPAIR SHALL BE PERFORMED UNDER THE DIRECTION OF THE TOWN ENGINEER AND WATER SUPERINTENDENT IN ACCORDANCE WITH TOWN STANDARDS.
3. AN "AS-BUILT" DRAWING OF THE INSTALLATION SHALL BE FURNISHED TO THE TOWN BEFORE SERVICE IS ESTABLISHED.

WATER MAIN TRENCH DETAIL
NOT TO SCALE



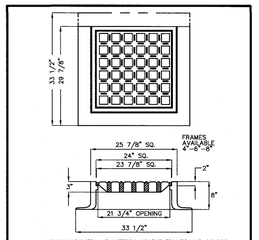
1. LIGHT SHALL BE 24 WATT LED
2. MANUFACTURER: FORTUNEARRT LED LIGHTING PVT LTD.

STREET LIGHT DETAIL
NOT TO SCALE



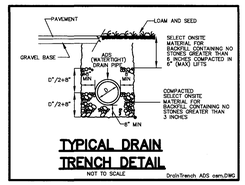
NOTE
1. H-20 LOADING

PRECAST CATCH BASIN DETAIL
NOT TO SCALE

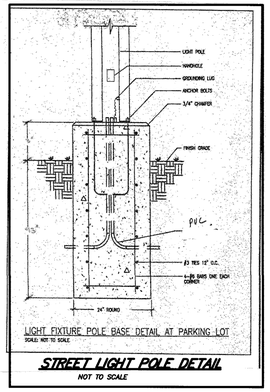


FULLY MACHINED AND INTERCHANGABLE FRAMES AND COVERS.
HIGH QUALITY MATERIALS AND WORKMANSHIP.
COAL TAR EPOXY PAINTED.
NO ROCK COVERS.
H-20 LOADING RATE.
WEIGHT OF GRATE 216 LBS.
FRAME - 3 FLANGES NO. 265
LEBARON LF-248-2 OR EQUAL.

CATCH BASIN FRAME AND GRATE MASS. STD. DETAIL
NOT TO SCALE

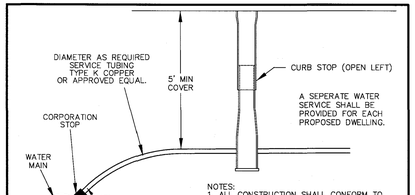


TYPICAL DRAIN TRENCH DETAIL
NOT TO SCALE DrainTrench ADS cam.DWG



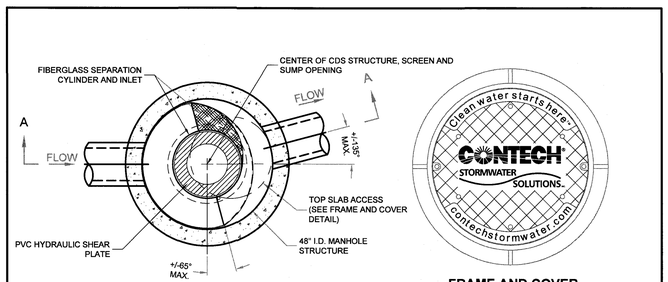
LIGHT FIXTURE POLE BASE DETAIL AT PARKING LOT
SCALE: NOT TO SCALE

STREET LIGHT POLE DETAIL
NOT TO SCALE



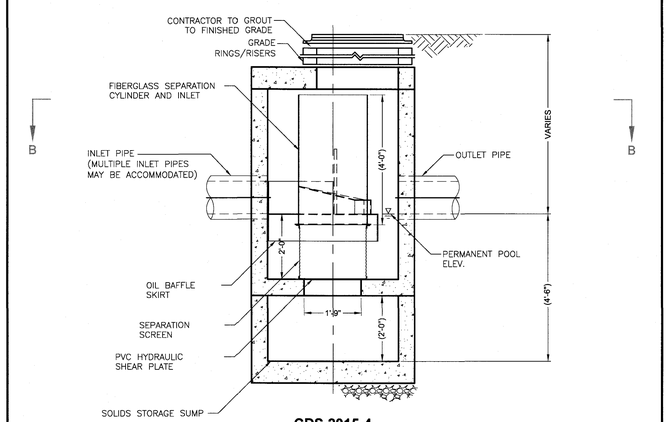
NOTES:
1. ALL CONSTRUCTION SHALL CONFORM TO THE WATER SUPPLY DISTRICT OF BEDFORD'S WATER SERVICE MATERIAL AND INSTALLATION REQUIREMENTS.

WATER SERVICE CONNECTION
NOT TO SCALE



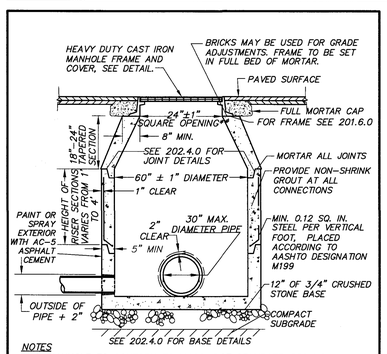
CDS 2015-4
N.T.S.

FRAME AND COVER
(DIAMETER VARIES)
N.T.S.



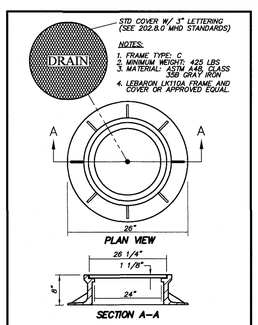
CDS 2015-4
N.T.S.

CONTECH PROPRIETARY BMP DMH-1 AND DMH-3 DETAIL



NOTES
1. MANHOLE TO CONFORM TO MASS. DOT STANDARD 202.4.0.
2. FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
3. FOR DESCRIPTION, MATERIALS AND CONSTRUCTION METHOD, SEE SPECIFICATIONS.
4. H-20 LOADING

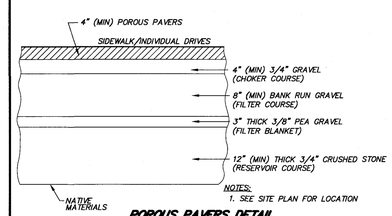
PRECAST CONCRETE MANHOLE DETAIL
NOT TO SCALE



NOTES:
1. FRAME TYPE: C.
2. MINIMUM WEIGHT: 425 LBS
3. MATERIAL: ASTM A48, CLASS 35B GRAY IRON
4. LEBARON LK110A FRAME AND COVER OR APPROVED EQUAL.

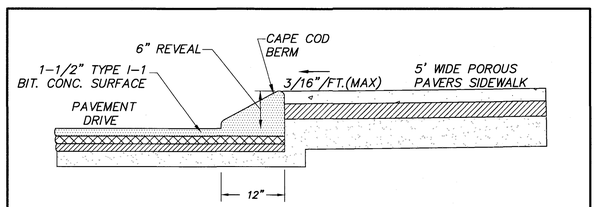
MANHOLE FRAME AND COVER
NOT TO SCALE

MAINTENANCE AND CLEANING:
1) MINIMIZE SALT USE DURING WINTER MONTHS. NO WINTER SANDING IS ALLOWED.
2) CLEAN THE SURFACE USING VACUUM SWEEPING MACHINES AT LEAST 4 TIMES PER YEAR.



NOTES:
1. SEE SITE PLAN FOR LOCATION

POROUS PAVERS DETAIL
NOT TO SCALE



SIDEWALK AND CAPE COD BERM DETAIL
NOT TO SCALE

FILE: SIDEWALK AND CAPE COD BERM.DWG

EVERGREEN MEADOWS
A PLANNED RESIDENTIAL DEVELOPMENT
BEDFORD, MA.

DETAILS
FOR: MELANSON DEVELOPMENT
SCALE: 1"=20'
MARCH 28, 2016
REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING
0 10 20 40 80 FEET

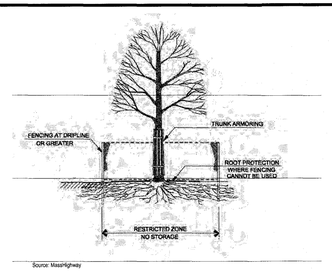
SM-5294A SHEET 11 OF 13 (5294A PRD.dwg)

PLANT LIST

SYMBOL/BOTANICAL NAME	COMMON NAME	NO.	SIZE
EXISTING TREE TO REMAIN	AS LISTED IN PLAN VIEW		
ACER RUBRUM	RED MAPLE	20	2-2.5" C
CORNUS FLORIDA	WHITE DOGWOOD	9	8-10' HT.
AMELANCHIER	AUTUMN BRILLIANCE SERVICEBERRY	9	2-2.5" C
ABIES CONCOLOR	WHITE FIR	24	8-10' HT.
SYRINGA VULGAIRS & SYRINGA ALBA	COMMON LILAC (HALF WHITE AND HALF PURPLE)	49	3-4' HT.
ILEX VERTICULATA "WINTER RED"	WNTER RED WINTERBERRY	69	3-4' HT.
ASSORTED PERENNIALS AND GROUNDCOVERS	SUGGESTED: YELLOW DAYLILY (STELLA D'ORO) HOSTA- BLUE CADET BLACK EYED SUSAN SHASTA DAISY- ALASKA	100	1 GAL.

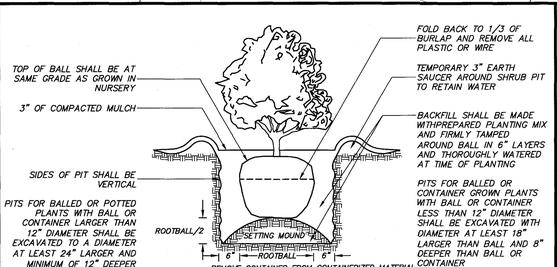
NOTE:

1. REFER TO MASSHIGHWAY'S PROJECT DEVELOPMENT & DESIGN GUIDE, CHAPTER 13 FOR PROTECTION OF EXISTING TREES TO REMAIN.



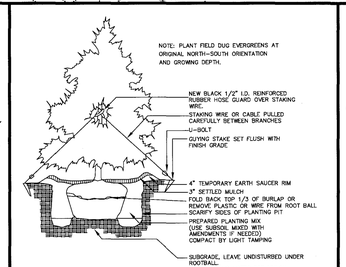
TREE PROTECTION DETAIL

January 2006 Landscape Aesthetics 13-43



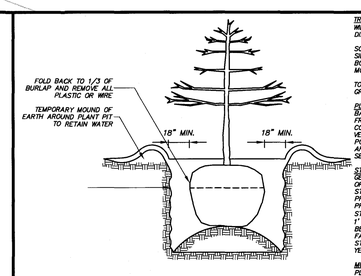
SHRUB PLANTING

NOT TO SCALE
BALLED AND BURLAPPED OR CONTAINER GROWN PLANTS



EVERGREEN TREE PLANTING

NOT TO SCALE



TREE PIT:
WIDTH OF PIT SHALL BE 18" LARGER THAN DIAMETER OF TREE BALL.

SCARIFY SIDES OF PLANTING PIT.
SIDES OF PIT SHALL BE VERTICAL.
BOTTOM OF PIT SHALL BE FLAT OR WITH SETTING MOUND OF UNDISTURBED SOIL.

TOP OF BALL SHALL BE AT SAME GRADE AS GROWN IN NURSERY.

PLANTING MIX AND WATERING:
BACKFILL SHALL BE SLIGHTLY IMPROVED MATERIAL FROM TREE PIT. BREAK UP CLODS AND COMPACTED SOIL. ADD MINIMAL AMOUNTS OF VERMICULITE AND ORGANIC MATERIAL IF SOIL IS POOR. ADD SOIL GRADUALLY, GENTLY TAMP SOIL AROUND ROOT BALL. ADD WATER, LET SOIL SETTLE, FINISH FILLING HOLE WITH LOOSE SOIL.

STAKING:
GENERALLY, LARGE TREES DO NOT NEED STAKING OR TREE WRAP. HOWEVER, CONTRACTOR MAY STAKE TREES TO PROTECT FROM MOWERS, AND TO PROVIDE ANCHORAGE, ESPECIALLY IF WIND IS A PROBLEM. IF STAKES ARE NECESSARY, USE 3 STAKES, 6-8' LONG, DRIVEN 2' INTO GROUND, AND 1' FROM TRUNK OF TREE. GUY MATERIAL SHALL BE WIDE FABRIC BAND. STAKES SHOULD BE FASTENED TO ALLOW SOME TRUNK MOVEMENT. STAKES AND GUYS SHOULD BE REMOVED WITHIN 1 YEAR OF PLANTING.

MULCH:
PLACE 2-4" DEPTH OF COMPACTED MULCH, 36" DIAMETER CIRCLE, MINIMUM, AROUND EACH TREE. DO NOT PLACE ANY MULCH AGAINST TREE TRUNK.

DECIDUOUS TREE PLANTING

NOT TO SCALE

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

LANDSCAPE PLAN

FOR: MELANSON DEVELOPMENT

SCALE: 1"=20' MARCH 28, 2016

REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING

0 10 20 40 80 FEET

SM-5294A SHEET 12 OF 13 (5294A PRD.dwg)

EROSION AND SEDIMENTATION CONTROL NOTES

1. THE SITE IS SUBJECT TO THE PERMIT REQUIREMENTS OF THE EPA NPDES PROGRAM. THE DEVELOPER SHALL SUBMIT COPIES OF SAID PERMIT AND REPORTING REQUIREMENTS TO THE TOWN AS A CONDITION OF THE SPECIAL PERMIT ISSUED BY THE BOARD OF APPEALS. DEVELOPER SHALL COMPLY WITH ANY ADDITIONAL EROSION CONTROL MEASURES IDENTIFIED BY THE NPDES PROGRAM NOT INDICATED ON THIS PLAN, IF THEY SO EXIST.

1A. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED FOR EACH PHASE PRIOR TO ANY CONSTRUCTION OCCURRING ON SITE.

2. DURING DEVELOPMENT AND CONSTRUCTION, ADEQUATE PROTECTIVE MEASURES SHALL BE PROVIDED TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATIONS OR THE SLOPING SURFACE OF FILLS. THE BOARD OF APPEALS RESERVES THE RIGHT TO REQUIRE ADDITIONAL MEASURES IF PROBLEMS ARE NOTED BY A REPRESENTATIVE OF THE TOWN OR APPOINTED CONSULTANT.

3. LAND SHALL BE DEVELOPED IN INCREMENTS OF WORKABLE SIZE WHICH CAN BE COMPLETED DURING A SINGLE CONSTRUCTION SEASON. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH THE SEQUENCE OF TRADING, DEVELOPMENT, AND CONSTRUCTION, OPERATIONS. CONTROL MEASURES SUCH AS HYDROSEEDING, BERMS, INTERCEPTOR DITCHES, TERRACES, AND SEDIMENT TRAPS SHALL BE PUT INTO EFFECT PRIOR TO THE COMMENCEMENT OF EACH INCREMENT OF THE DEVELOPMENT/CONSTRUCTION PROCESS.

4. CONTRACTOR SHALL INSPECT AND REPAIR ALL EROSION CONTROL DEVICES, IF INTENSE RAINFALL IS PREDICTED. THE CONTRACTOR'S REPRESENTATIVE SHALL INSPECT THE CONSTRUCTION SITE AT LEAST EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5 INCHES OR MORE. AREAS WITH SITES THAT HAVE BEEN FINALLY STABILIZED MUST BE INSPECTED AT LEAST ONCE A MONTH.

5. ALL SOIL STOCK PILES SHALL HAVE EROSION CONTROL MEASURES AROUND THEIR EDGES AT ALL TIMES. SOIL STOCK PILES SHALL BE COVERED WITH TEMPORARY VEGETATION OR FASTENED TARPAULIN SHEETS.

6. DURING DRIVEWAY CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN A ONE FOOT HIGH BY TWO FOOT WIDE EARTHEN BERM ALONG THE EDGES OF THE DRIVEWAY TO DIVERT RUNOFF TO A SEDIMENT BASIN. STRAWBALES MAY BE UTILIZED TO DIVERT RUNOFF FROM THE DRIVEWAY LOW POINTS TO THE SEDIMENT BASIN DURING CONSTRUCTION UNTIL THE DRAINAGE SYSTEM IS INSTALLED (SEE EARTHEN BERM DETAIL.)

7. ALL CATCH BASIN AND MANHOLE RIMS SHALL BE PROVIDED WITH SILT SACKS DURING CONSTRUCTION. CATCH BASIN GRATES ARE TO BE SET AT BINDER GRADE AND INSTALL SILT SACK UNTIL IT IS TIME TO APPLY THE PAVEMENT WEARING COURSE.

8. ALL CATCH BASIN SUMPS AND DRAINAGE BASINS SHALL BE CLEANED DURING AND FOLLOWING CONSTRUCTION. THEREAFTER REFER TO OPERATION AND MAINTENANCE PLAN.

9. SEDIMENT BASINS (DEBRIS, BASINS, DE-SILTING BASINS, OR SILT TRAPS) SHALL BE INSTALLED IN CONJUNCTION WITH THE INITIAL GRADING OPERATIONS AND MAINTAINED THROUGH THE DEVELOPMENT PROCESS TO REMOVE SEDIMENT FROM RUNOFF WATERS DRAINING FROM LAND UNDERGOING DEVELOPMENT.

10. THE DEVELOPER IS REQUIRED TO CLEAN UP ANY SAND, DIRT, OR DEBRIS WHICH ERODES FROM THE SITE ONTO ANY PUBLIC STREET OR PRIVATE PROPERTY, AND TO REMOVE SILT OR DEBRIS THAT ENTERS ANY EXISTING DRAINAGE SYSTEM INCLUDING CATCH BASIN SUMPS, PIPE LINES, MANHOLES AND DITCHES.

11. VELOCITY CHECK DAMS – STRAWBALES WILL BE USED AROUND THE CATCH BASINS ON THE PROPOSED STREETS TO PROTECT THEM FROM THE ERODING SOILS AND PROVIDE A CHECK DAM* TO SLOW THE RUNOFF DURING THE CONSTRUCTION. THE DEVELOPER SHALL PROVIDE VELOCITY CHECK DAMS* IN ALL UNPAVED STREET AREAS AT THE INTERVALS INDICATED BELOW:

GRADE OF THE STREET	INTERVALS BETWEEN CHECKDAMS
LESS THAN 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

THE DEVELOPER SHALL PROVIDE VELOCITY CHECK DAMS* IN ALL UN-VEGETATED OR UNPAVED CHANNELS AT THE INTERVALS INDICATED BELOW:

GRADE OF THE CHANNEL	INTERVALS BETWEEN CHECK DAMS
LESS THAN 3%	100 FEET
3% TO 6%	50 FEET
OVER 6%	25 FEET

12. ALL CUT AND FILL SLOPES SHALL BE IMMEDIATELY COVERED WITH 6" LOAM AND SEEDED DURING THE GROWING SEASON (APRIL 1 TO NOVEMBER 1) OR COVERED WITH A STRAW MULCH DURING THE NON-GROWING SEASON (NOVEMBER 1 TO APRIL 1). IN AREAS SUBJECT TO THE WETLANDS PROTECTION ACT, THE STRAW MULCH AND/OR REQUIRED MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS RE-ESTABLISHED.

13. DISTURBED AREAS WHERE CONSTRUCTION HAS PERMANENTLY OR TEMPORARILY CEASED MUST BE STABILIZED WITHIN 14 DAYS OF THE LAST DISTURBANCE. AREAS WHICH WILL BE REDISTURBED WITHIN 21 DAYS DO NOT HAVE TO BE STABILIZED.

14. *CHECK DAMS IN UNPAVED STREETS AND UN-VEGETATED OR UNPAVED GRADED CHANNELS BE CONSTRUCTED OF STAKED STRAW BALES OR OTHER EROSION RESISTANT MATERIALS APPROVED BY THE BOARD. THE CHECK DAMS SHALL BE INSTALLED AT THE END OF EACH WORKING DAY, AND IN THE EVENT OF RAINFALL BEING PREDICTED. THE STRAW BALES SHOULD BE SECURELY STAKED TO PREVENT OVERTURNING, FLOATATION, OR DISPLACEMENT. THEY SHALL EXTEND COMPLETELY ACROSS THE STREET OR CHANNEL AT RIGHT ANGLES TO THE CENTERLINE. ALSO, A VELOCITY CHECK DAM SHALL BE PROVIDED ALONG THE ENTRANCE OF THE LOT TO PROTECT THE PUBLIC STREETS AND ADJACENT PROPERTIES FROM THE HAZARDS OF EROSION. ALL CHECK DAMS SHALL BE CLEANED OUT OF ALL DEBRIS AND SILT PERIODICALLY.

15. ADDITIONAL EROSION CONTROL MEASURES SHALL BE STOCK-PILED ON-SITE, INCLUDING BUT NOT LIMITED TO CRUSHED STONE, STRAW BALES, SILT FENCE AND EROSION CONTROL MATS.

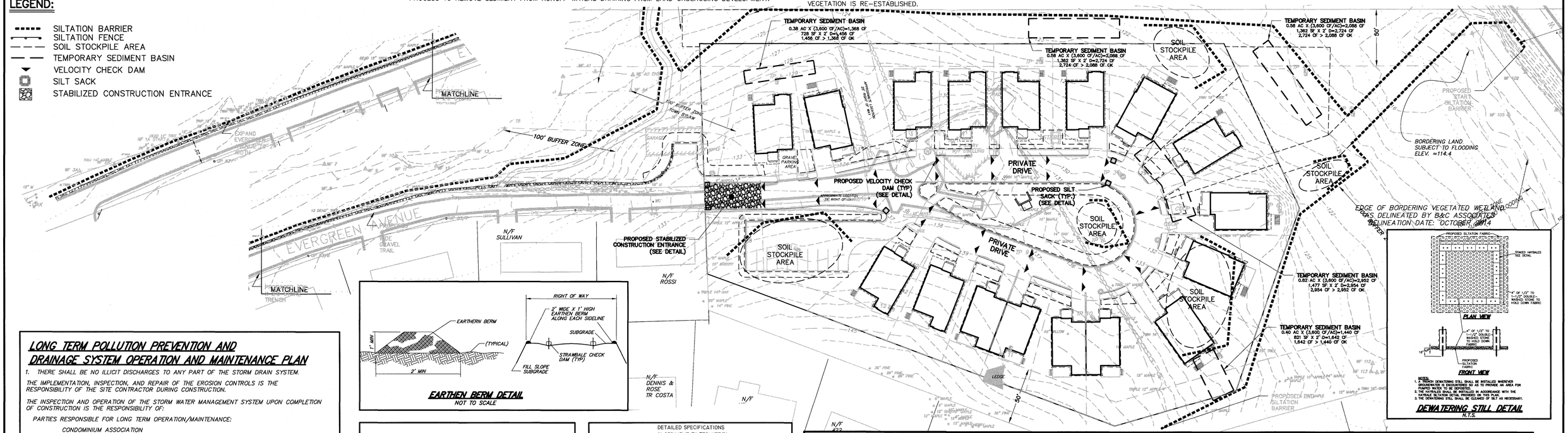
16. THE SEDIMENT SHALL BE REMOVED BEHIND ALL STRAW BALES AND SILT FENCES IF DEPTH EXCEEDS 6". SEDIMENT SHALL BE REMOVED TO OUTSIDE THE BUFFER ZONE OF THE WETLANDS WHERE APPLICABLE.

17. THE EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL ALL TRIBUTARY SURFACES ARE STABILIZED.

18. DURING CONSTRUCTION, THE CONTRACTOR SHALL SPRAY DOWN THE SITE WITH A WATER TRUCK AS NEEDED FOR DUST CONTROL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. TEMPORARY VEGETATION AND/OR USE OF TARPAULIN MAY BE NECESSARY.

LEGEND:

- SILTATION BARRIER
- SILTATION FENCE
- SOIL STOCKPILE AREA
- TEMPORARY SEDIMENT BASIN
- VELOCITY CHECK DAM
- SILT SACK
- STABILIZED CONSTRUCTION ENTRANCE



EARTHEN BERM DETAIL
NOT TO SCALE

NOTES:
1. A TRENCH DEWATERING STILL SHALL BE INSTALLED WHEREVER GROUNDWATER IS ENCOUNTERED SO AS TO PROVIDE AN AREA FOR SOIL FINES TO SETTLE OUT.
2. THE HAYBALES SHALL BE INSTALLED IN ACCORDANCE WITH THE HAYBALE SILTATION DETAIL PROVIDED ON THIS PLAN.
3. THE DEWATERING STILL SHALL BE CLEANED OF SILT AS NECESSARY.

DEWATERING STILL DETAIL
N.T.S.

LONG TERM POLLUTION PREVENTION AND DRAINAGE SYSTEM OPERATION AND MAINTENANCE PLAN

1. THERE SHALL BE NO ILLICIT DISCHARGES TO ANY PART OF THE STORM DRAIN SYSTEM.

THE IMPLEMENTATION, INSPECTION, AND REPAIR OF THE EROSION CONTROLS IS THE RESPONSIBILITY OF THE SITE CONTRACTOR DURING CONSTRUCTION.

THE INSPECTION AND OPERATION OF THE STORM WATER MANAGEMENT SYSTEM UPON COMPLETION OF CONSTRUCTION IS THE RESPONSIBILITY OF:

PARTIES RESPONSIBLE FOR LONG TERM OPERATION/MAINTENANCE:

CONDOMINIUM ASSOCIATION

SCHEDULE FOR INSPECTION AND MAINTENANCE:

STREET SWEEPING:

IT IS RECOMMENDED THAT THE PAVEMENT SHALL BE PROPERLY SWEPT FOUR TIMES A YEAR, WITH CONCENTRATIONS IN THE SPRING AND THE FALL.

POROUS PAVERS:

CLEAN THE SURFACE USING VACUUM SWEEPING MACHINES 4 TIMES A YEAR. PERIODICALLY ADD JOINT MATERIAL (SAND). NO WINTER SANDING IS ALLOWED, AND MINIMIZE SALT USE DURING WINTER MONTHS. KEEP LANDSCAPED AREAS WELL MAINTAINED TO PREVENT SOIL TRANSPORT.

DEEP SUMP AND HOODED CATCH BASINS

DURING CONSTRUCTION, CATCH BASIN GRATES SHALL BE PROVIDED WITH SILT SACKS. CATCH BASINS SHALL BE CLEANED UPON THE COMPLETION OF CONSTRUCTION. AFTER CONSTRUCTION, THE DEEP SUMPS FOR ALL CATCH BASINS AND DRAIN MANHOLES SHALL BE INSPECTED FOUR TIMES A YEAR AND CLEANED FOUR TIMES A YEAR. SEDIMENT REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL GUIDELINES AND REGULATIONS.

THE DEPTH OF THE SEDIMENT IN A BASIN SHALL NOT EXCEED A DEPTH OF 18 INCHES AS DETERMINED BY PROBING WITH A STICK. IF THE STICK HITS THE BOTTOM WITHIN 30 INCHES OF THE WATER LEVEL, MORE THAN 18 INCHES OF SEDIMENT HAS ACCUMULATED AND MUST BE REMOVED. LICENSED PERSONS SHOULD REMOVE AND DISPOSE OF THE CONTENTS OF THE SUMP IN ACCORDANCE WITH APPLICABLE REGULATIONS.

INFILTRATION BASINS

PREVENTATIVE MAINTENANCE SHOULD BE PERFORMED AT LEAST TWICE A YEAR, AND IDEALLY SEDIMENT SHOULD BE REMOVED FROM THE SEDIMENT FOREBAYS AFTER EVERY MAJOR STORM EVENT. SEDIMENT SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL GUIDELINES AND REGULATIONS.

ONCE ONLINE, THE BASINS SHALL BE INSPECTED AFTER EVERY MAJOR STORM EVENT, FOR THE FIRST FEW MONTHS. THEREAFTER, THE BASIN SHOULD BE INSPECTED AT LEAST TWICE PER YEAR. IMPORTANT ITEMS TO CHECK FOR INCLUDE: DIFFERENTIAL SETTLEMENT, CRACKING, EROSION, LEAKAGE, OR TREE GROWTH ON THE EMBANKMENTS, CONDITION OF RIPRAP, SEDIMENT ACCUMULATION AND THE HEALTH OF THE TURF.

AT LEAST TWICE A YEAR, THE BUFFER AREA, SIDE SLOPES AND BASIN BOTTOM SHOULD BE MOWED. GRASS CLIPPINGS AND ACCUMULATED ORGANIC MATTER SHOULD BE REMOVED TO PREVENT THE FORMATION OF AN IMPERVIOUS ORGANIC MAT. TRASH AND DEBRIS SHOULD ALSO BE REMOVED AT THIS TIME.

SEDIMENT SHOULD BE REMOVED FROM THE BASIN AS NECESSARY. REMOVAL PROCEDURES SHOULD NOT TAKE PLACE UNTIL THE FLOOR OF THE BASIN IS THOROUGHLY DRY. PRETREATMENT DEVISES ASSOCIATED WITH BASINS SHOULD BE INSPECTED AND CLEANED AT LEAST TWICE A YEAR AND IDEALLY EVERY OTHER MONTH.

DRYWELLS:

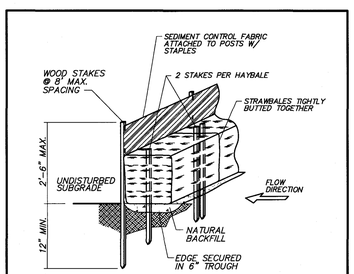
INSPECT THE DRYWELL AFTER EVERY MAJOR STORM FOR THE FIRST FEW MONTHS TO ENSURE PROPER STABILIZATION AND FUNCTION. THEREAFTER, INSPECT AND CLEAN IT AT LEAST ONCE PER YEAR. WATER LEVELS SHOULD BE RECORDED OVER SEVERAL DAYS TO CHECK THE DRYWELL DRAINAGE.

EMERGENCY CONTACTS:

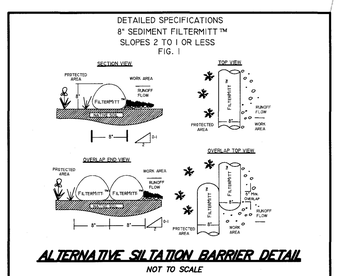
IN THE EVENT OF A HAZARDOUS MATERIALS SPILL ON THE SITE THE FOLLOWING PARTIES SHALL BE CONTACTED: FIRE DEPARTMENT: PH: 978-318-3400

RECORDS:

THE CONDOMINIUM ASSOCIATION SHALL MAINTAIN AN INSPECTION LOG OF ALL ELEMENTS OF THE STORMWATER MANAGEMENT PLAN. THE CONDOMINIUM ASSOCIATION SHALL MAINTAIN A MAINTENANCE LOG DOCUMENTING THE INSPECTION AND MAINTENANCE OF THE DRAINAGE STRUCTURES. A COPY OF THE EROSION CONTROL AND STORM WATER MAINTENANCE PLAN AND INSPECTION LOGS SHALL BE KEPT ONSITE AT ALL TIMES.

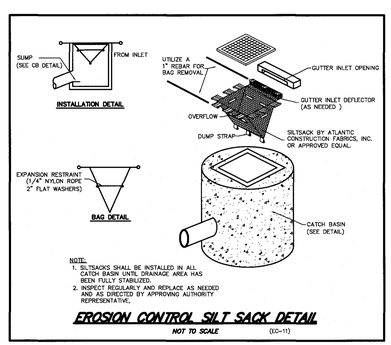


SILTATION BARRIER DETAIL
NOT TO SCALE



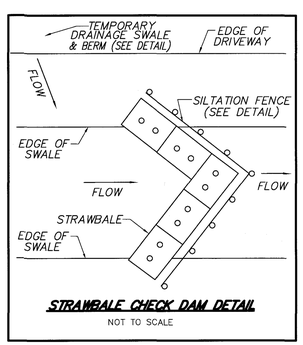
ALTERNATIVE SILTATION BARRIER DETAIL
NOT TO SCALE

FOR FURTHER INFORMATION ABOUT PHASE II STORMWATER PRODUCTS, INC. CONTACT US AT:
P.O. Box 737 - Wareham, MA 02571 - PH: (508) 386-7162 - FAX: (508) 386-0571
WWW.GROUNDCAPESCAPEINC.COM

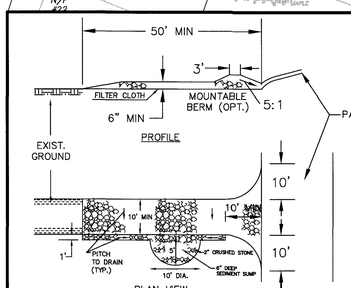


NOTE:
1. SILTSACKS SHALL BE INSTALLED IN ALL CATCH BASIN UNTIL DRAINAGE AREA HAS BEEN FULLY STABILIZED.
2. INSPECT REGULARLY AND REPLACE AS NEEDED AND AS DIRECTED BY APPROVING AUTHORITY REPRESENTATIVE.

EROSION CONTROL SILT SACK DETAIL
NOT TO SCALE (EC-11)



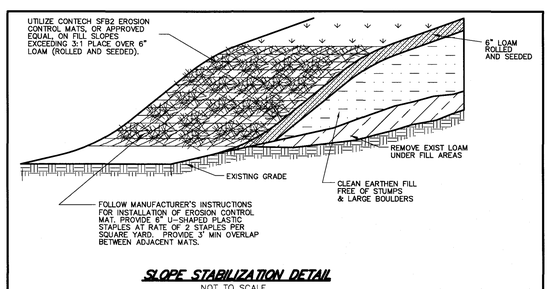
STRAWBALE CHECK DAM DETAIL
NOT TO SCALE



STABILIZED CONSTRUCTION ENTRANCE
N.T.S.

CONSTRUCTION SPECIFICATIONS

1. THE ENTRANCE OF THE PROPOSED COMMON DRIVEWAY SHALL INITIALLY HAVE 6" OF 2" CRUSHED STONE LAID DOWN AS A TRAFFIC SEDIMENT CONTROL SURFACE AS SHOWN IN THE STABILIZED CONSTRUCTION ENTRANCE DETAIL. THIS STONE PACK SHALL BE PLACED OVER THE COMMON DRIVEWAY FOR A MINIMUM DISTANCE OF 50 FEET FROM THE EDGE OF PAVEMENT AND SHALL BE REMOVED AND REPLACED WITH ROADWAY GRAVEL IMMEDIATELY PRIOR TO THE PLACEMENT OF PAVEMENT.
2. STONE SIZE – USE 2" CRUSHED STONE.
3. WIDTH – TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS OF INGRESS OR EGRESS.
4. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACEMENT OF STONE.
5. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED NEAR CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
6. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
7. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS DONE IT SHALL BE DONE ON STABILIZED ENTRANCE WITH STONE AND WHICH DRAINS INTO THE SEDIMENT SUMP AS SHOWN.
8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



SLOPE STABILIZATION DETAIL
NOT TO SCALE

EVERGREEN MEADOWS

A PLANNED RESIDENTIAL DEVELOPMENT

BEDFORD, MA.

STORMWATER POLLUTION PREVENTION PLAN

FOR: MELANSON DEVELOPMENT

SCALE: 1"=40' MARCH 28, 2016

REVISED: MAY 13, 2016

STAMSKI AND McNARY, INC.

1000 MAIN STREET ACTON, MASS.

ENGINEERING – PLANNING – SURVEYING

0 30 60 120 240 FEET

SM-5294A SHEET 13 OF 13 (5294A PRD.dwg)