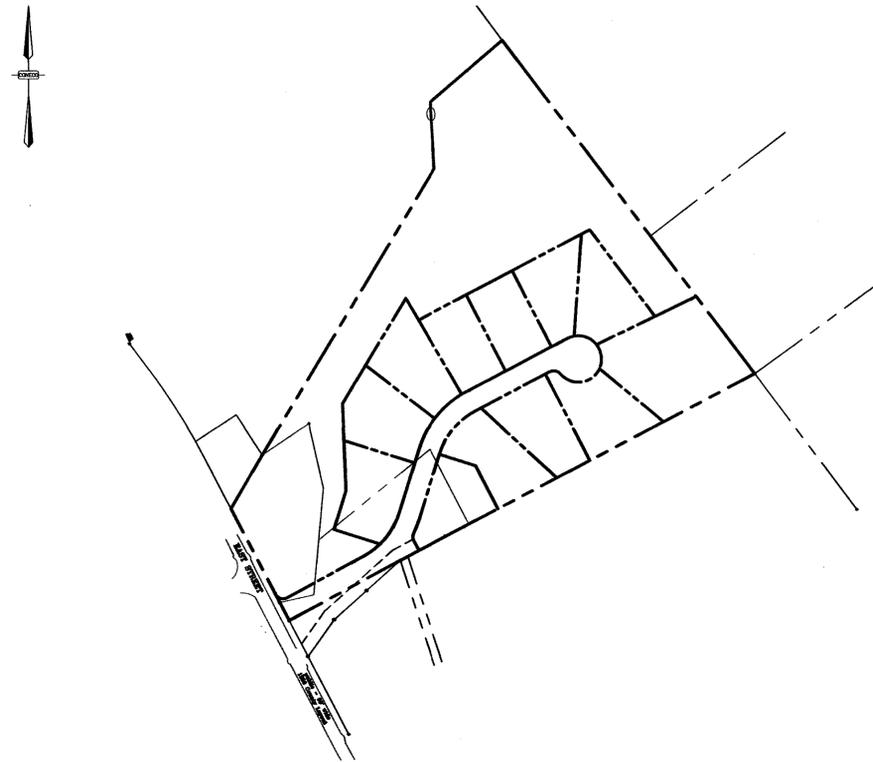


# FORGE ESTATES OF FOXBOROUGH OPEN SPACE RESIDENTIAL DEVELOPMENT

## 204 EAST STREET FOXBOROUGH, MASSACHUSETTS 02035



204 EAST STREET AERIAL LOCUS PHOTO  
SCALE: 1" = 500'



SCALE: 1" = 200'

DESCRIPTION	SHEET
COVER SHEET	1
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KEY SHEET	3
EXISTING CONDITIONS PLANS	4-5
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DETAIL SHEETS	19-23

**SITE INFORMATION:**

ZONING DISTRICT: R-40 & NEIGHBORHOOD BUSINESS  
OVERLAY DISTRICT: FUTURE WATER RESOURCE PROTECTION DISTRICT

TOTAL GROSS AREA: 17.84 Ac.  
TOTAL NUMBER OF LOTS: 12  
TOTAL OPEN SPACE: 8.01 Ac.  
WETLAND OPEN SPACE: 1.14 Ac.  
UPLAND OPEN SPACE: 6.874Ac.

PREPARED FOR:

DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768



4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
PHONE: 508.697.3191, FAX: 508.697.5996  
WEBSITE: www.coneco.com

PREPARED ON:  
**OCTOBER 30, 2014**  
REVISED: MARCH 27, 2015

ENGINEER:  
DAVID A. HARRINGTON, P.E.  
CONECO ENGINEERS & SCIENTISTS, INCORPORATED  
BRIDGEWATER, MA 02324



MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER #47093

DATE: 3/27/15

SURVEYOR:  
TIMOTHY S. BODAH, P.L.S.  
CONECO ENGINEERS & SCIENTISTS, INCORPORATED  
BRIDGEWATER, MA 02324



MASSACHUSETTS REGISTERED PROFESSIONAL LAND SURVEYOR #46110

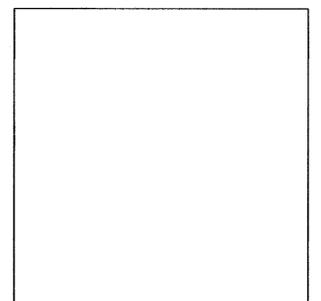
DATE: 3-27-15

TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_

ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA



RESERVED

I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

REVISIONS			
NO.	DATE	DESCRIPTION	DR/CK
1	2/12/2015	PEER REVIEW COMMENTS	DJD/JEN
2	3/27/2015	PEER REVIEW COMMENTS	JEN/DAH

**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE
---	---	INTERIOR PROPERTY LINE
---	---	PROPERTY LINE ABUTTER
---	---	EASEMENT LINE
---	---	EDGE OF BANK/WETLAND
---	---	FLOOD ZONE
---	---	RIVER BANK
---	---	RIVERFRONT BUFFER
---	---	WETLAND BUFFER
---	---	WATER RESOURCE PROTECTION DISTRICT
---	---	WATER RESOURCE PROTECTION DISTRICT BUFFER
100	50	MAJOR GROUND CONTOUR
102	48	MINOR GROUND CONTOUR
---	---	RECHARGE BOUNDARY
---	---	EDGE OF PAVEMENT
---	---	CURB
---	CCB	CAPE COD BERM
---	---	BUILDING
---	---	TREE LINE
---	---	ROCK WALL
---	---	DRAINAGE LINE
---	---	CHAIN LINK FENCE
---	---	GAS LINE
---	---	WATER LINE
---	---	SEWER LINE
---	---	OVERHEAD WIRE
---	---	TELEPHONE
---	---	UNDERGROUND ELECTRIC
⊙	⊙	DRAIN MANHOLE
⊙	⊙	CATCH BASIN
⊙	⊙	TEST PIT
⊙	⊙	UTILITY POLE
⊙	⊙	LIGHT POLE
⊙	⊙	STONE BOUND W/ DRILL HOLE
⊙	⊙	BANK/WETLAND FLAG
⊙	⊙	WATER VALVE
⊙	⊙	GAS VALVE
⊙	⊙	HYDRANT
⊙	⊙	HAYBALE
⊙	⊙	SEWER CLEAN OUT
⊙	⊙	FLARED END SECTION
⊙	⊙	CULVERT
⊙	⊙	IRON ROD
⊙	⊙	CONCRETE BOUND W/ DRILL HOLE

**ABBREVIATIONS**

ABBREV.	DESCRIPTION
ABAN	ABANDON
ADJ	ADJUST
BC	BOTTOM OF CURB
BCB	BITUMINOUS CONCRETE BERM
BCC	BITUMINOUS CONCRETE CURB
BFE	BASEMENT FLOOR ELEVATION
BIT. CONC.	BITUMINOUS CONCRETE
BM	BENCH MARK
BOS	BOTTOM OF SLOPE
BVW	BORDERING VEGETATED WETLAND
CB	CATCH BASIN
CBDH	CONCRETE BOUND DRILL HOLE
CCB	CAPE COD BERM
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
CI	CAST IRON PIPE
CLDI	CEMENT LINED DUCTILE IRON PIPE
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC.	CONCRETE
CPP	CORRUGATED POLYETHYLENE PIPE
CY	CUBIC YARD
DCB	DOUBLE CATCH BASIN
DEM	DEMOLISH
DET	DETENTION
DH	DRILL HOLE
DIA.	DIAMETER
DIM.	DIMENSION
DMH	DRAIN MANHOLE
DW	DOMESTIC WATER OR DRY WELL
EHH	ELECTRIC HANDHOLE
ELEV.	ELEVATION
ELEC.	ELECTRIC
EOP	EDGE OF PAVEMENT
EOW	EDGE OF WETLANDS
FES	FLARED END SECTION
FF	FINISHED FLOOR
FPS	FEET PER SECOND
FS	FIRE SERVICE
FT	FOOT OR FEET
GC	GENERAL CONTRACTOR
GEN	GENERAL
GFE	GARAGE FLOOR ELEVATION
GG	GAS GATE
GRAN.	GRANITE
GV	GATE VALVE
GW	GROUND WATER
HDPE	HIGH DENSITY POLYETHYLENE
HGW	HIGH GROUND WATER
HOR	HORIZONTAL
HW	HEADWALL
HYD	HYDRANT
ID	INSIDE DIAMETER
IN	INCHES
INF. CH.	INFILTRATION CHAMBER
INV.	INVERT
IP	IRON PIPE
L	LENGTH
LB	LEACHING BASIN
LP	LIGHT POLE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MW	MONITORING WELL
NTS	NOT TO SCALE
N/E	NOT ENCOUNTERED
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHW	OVERHEAD WIRE
OW	OBSERVATION WELL
PCC	PRECAST CONCRETE CURB
PL	PROPERTY LINE
PT	POINT OR POINT OF TANGENT
PVC	POLYVINYL CHLORIDE PIPE
R&R	REMOVE & RESET/REPLACE
RCF	REINFORCED CONCRETE PIPE
ROW	RIGHT OF WAY
RR	RAILROAD
S	SLOPE
SBDH	STONE BOUND DRILL HOLE
SCB	STORMCEPTOR CATCH BASIN (WATER QUALITY CATCH BASIN)
SF	SQUARE FEET
SMH	SEWER MANHOLE
SP	STANDPIPE
SPEC.	SPECIFICATION
SRBK	SUBANGULAR BLOCKY
TB	TEST BORING
TBR	TO BE REMOVED
TC	TOP OF CURB
TEK.	TELEPHONE
TMH	TELEPHONE MANHOLE
TOB	TOP OF BANK
TOF	TOP OF FOUNDATION
TOS	TOP OF SLOPE
TP	TEST PIT
TS&V	TAPPING SLEEVE & VALVE
TYP.	TYPICAL
UP	UTILITY POLE
VCP	VITRIFIED CLAY PIPE
WC/V	WATER GATE/VALVE
WRPOD	WATER RESOURCE PROTECTION OVERLAY DISTRICT
WGR	WOODEN GUARD RAIL

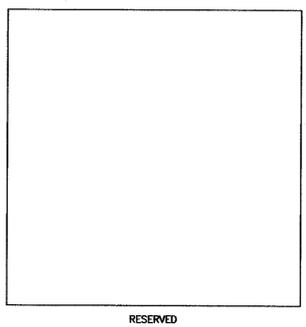
**NOTES**

- GENERAL:**
1. THE CONTRACTOR SHALL NOTIFY "DIGSAFE" (1-888-DIGSAFE) AT LEAST 72 HOURS (3 BUSINESS DAYS) BEFORE EXCAVATING.
  2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
  3. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6" LOAM AND SEED.
  4. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS.
  5. SITE SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
  6. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
  7. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER OR OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
  8. SITE CLEARING SHALL BE LIMITED TO THE SILT FENCE LINE AND/OR THE LIMIT OF GRADING IN AREAS WHERE SILT FENCE IS NOT REQUIRED. CARE SHOULD BE TAKEN TO PROTECT EXISTING TREES OUTSIDE OF THIS LINE, THEREBY MAINTAINING A NATURAL BUFFER TO THE GREATEST EXTENT POSSIBLE.
  9. BUILDING HEIGHTS SHALL CONFORM TO LATEST ARCHITECTURAL DESIGN PLANS, BUT SHALL NOT EXCEED FORTY (40) FEET.
- UTILITIES:**
1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT. FAILURE TO PROVIDE OR PERFORM THE ABOVE PRIOR TO PERFORMING ANY WORK SHALL NOT BE GROUNDS FOR EXTRA PAYMENTS TO THE CONTRACTOR.
  3. SET CATCH BASIN RIMS, AND INVERTS OF DRAINS AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND DRAINAGE PLAN.
  4. RIM ELEVATIONS FOR DRAIN MANHOLES AND OTHER SUCH ITEMS ARE APPROXIMATE AND SHALL BE ADJUSTED AS FOLLOWS:  
 \*PAVEMENTS, CONCRETE SURFACES, AND ALL SURFACE TYPES ALONG ACCESSIBLE ROUTES- SET FLUSH WITH FINISH GRADES.  
 \*LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS- SET 1 INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
  5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
  6. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITY COMPANY.
  7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:  
 \*STORM DRAINAGE PIPES SHALL BE DOUBLE WALL, SMOOTH INTERIOR HIGH DENSITY POLYETHYLENE (HDPE)

- LAYOUT & MATERIALS:**
1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
  2. CONCRETE BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
- EXISTING CONDITIONS INFORMATION:**
1. UNDERGROUND UTILITY LOCATION AS SHOWN HEREON ARE TAKEN FROM AVAILABLE RECORD AND FIELD INFORMATION AND ARE APPROXIMATE ONLY. BEFORE PLANNING ANY CONSTRUCTION, DIGSAFE AND THE VARIOUS UTILITY COMPANY ENGINEERING DEPARTMENTS SHOULD BE CONSULTED.
  2. ELEVATIONS REFER TO N.G.V.D. 1988.
  3. ON-THE-GROUND SURVEY WAS COMPLETED BY CONECO ENGINEERS AND SCIENTISTS, INC.
  4. WETLAND LINES WERE DIGITIZED FROM APPROVED S.O.R.A.D. PLANS DATED FEBRUARY 4, 2008 CREATED BY OUTBACK ENGINEERING, INC.
- LANDSCAPING:**
1. ALL AREAS CLEARED AND/OR DISTURBED SHALL BE BROUGHT TO WITHIN 6 INCHES OF FINAL GRADE AND FINISHED WITH 6 INCHES OF LOAM AND SEED EXCEPT WHERE OTHER FINISHES ARE PROPOSED (REFER TO PLANS).
  2. CONTRACTOR IS RESPONSIBLE FOR REPLACING (IN KIND) ALL DEAD OR DYING PLANT MATERIAL FOR A PERIOD OF 2 YEARS AFTER INITIAL PLANTING.
- REQUESTED VARIANCES:**
1. ROADWAY LENGTH TO EXTEND BEYOND MAXIMUM ALLOWABLE LENGTH OF 800'.

OPEN SPACE REGULATION TABLE		
ZONE: R-40		USES: Residential
	REQUIRED	PROPOSED
<b>GENERAL FEATURES</b>		
TOTAL SUBDIVISION AREA	NA	17.8 ACRES
TOTAL LOTS	NA	12
ROADWAY LENGTH	MAX 800 FT*	935 FT
<b>REQUIREMENTS</b>		
OPEN SPACE	8.01 ACRES (45%)	8.01 ACRES (45%)
UPLAND OPEN SPACE	5.61 ACRES (70%)	6.87 ACRES (86%)
MINIMUM LOT AREA	20,000 SQ. FT.	25,000 SQ. FT.
MINIMUM LOT FRONTAGE	50 FT.	50 FT.

\*AN EXTENSION OF THE LAYOUT PAST 800' MAY BE APPROVED; AND MAYBE USED TO OBTAIN LEGAL FRONTAGE AS APPROVED BY BOARD



APPROVAL OF THE FOXBOROUGH PLANNING BOARD REQUIRED UNDER THE SUBDIVISION CONTROL LAW

I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

TIMOTHY S. BODAH, P.L.S. \_\_\_\_\_ DATE \_\_\_\_\_



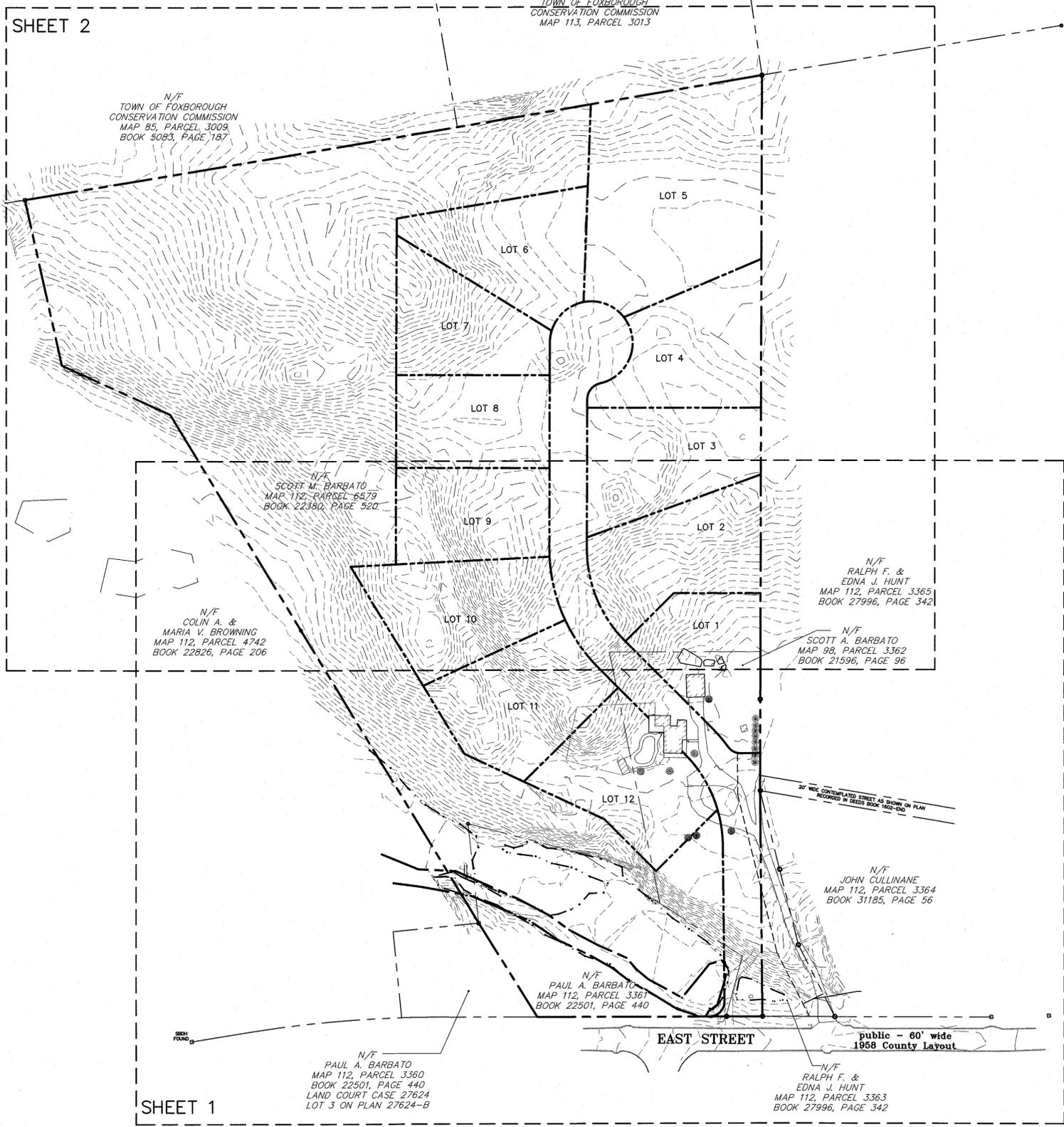
NO.	DATE	DESCRIPTION
1	2/12/2015	FEED REVIEW COMMENTS

DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

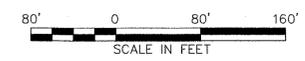
**CONECO**  
Engineers, Scientists & Surveyors  
4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
PHONE 508-697-3181 OR 800-548-3355; FAX 508-697-5998  
WEBSITE: www.coneco.com

DATE	10/30/2014
DESIGNED: DJD	CHECKED: DAH
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	N/A
PROJECT NO.	8001.0
SHEET NO.	2 OF 23

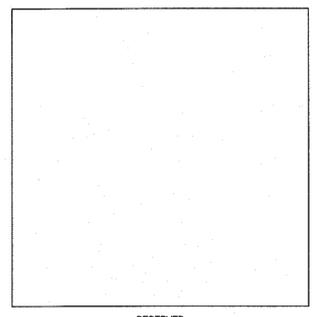


SHEET 2

SHEET 1



CONECO



APPROVAL OF THE FOXBOROUGH PLANNING BOARD REQUIRED UNDER THE SUBDIVISION CONTROL LAW

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

TIMOTHY S. BODAH, P.L.S. \_\_\_\_\_ DATE \_\_\_\_\_



NO.	DATE	DESCRIPTION	DR/CK	DD/JEN
1	2/12/2015	PEER REVIEW COMMENTS		

PREPARED FOR: DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

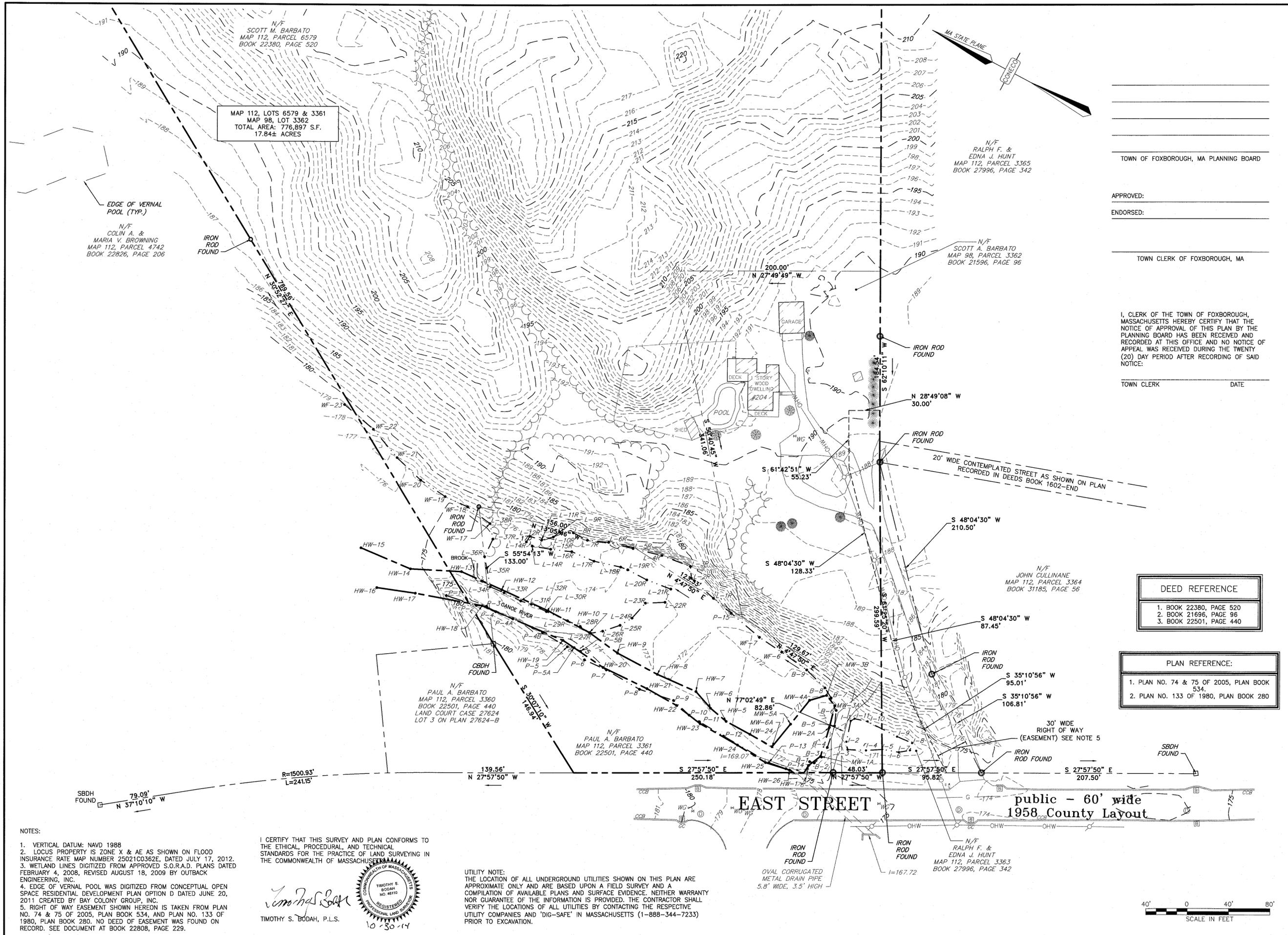
DRAWING: KEY SHEET

PROJECT: FORGE ESTATES OF FOXBOROUGH  
FOXBOROUGH, MASSACHUSETTS 02035

PLAN SET: OPEN SPACE RESIDENTIAL DEVELOPMENT

**CONECO**  
Engineers, Scientists & Surveyors  
4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
PHONE 508-697-3191 OR 800-548-3355, FAX 508-697-5998  
WEBSITE: www.coneco.com

DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 80'
PROJECT NO.	8001.0
SHEET NO.	3 OF 23



MAP 112, LOTS 6579 & 3361  
 MAP 98, LOT 3362  
 TOTAL AREA: 776,897 S.F.  
 17.84± ACRES

N/F  
 COLIN A. &  
 MARIA V. BROWNING  
 MAP 112, PARCEL 4742  
 BOOK 22826, PAGE 206

N/F  
 RALPH F. &  
 EDNA J. HUNT  
 MAP 112, PARCEL 3365  
 BOOK 27996, PAGE 342

N/F  
 SCOTT A. BARBATO  
 MAP 98, PARCEL 3362  
 BOOK 21596, PAGE 96

N/F  
 JOHN CULLINANE  
 MAP 112, PARCEL 3364  
 BOOK 31185, PAGE 56

N/F  
 PAUL A. BARBATO  
 MAP 112, PARCEL 3360  
 BOOK 22501, PAGE 440  
 LAND COURT CASE 27624  
 LOT 3 ON PLAN 27624-B

N/F  
 PAUL A. BARBATO  
 MAP 112, PARCEL 3361  
 BOOK 22501, PAGE 440

N/F  
 RALPH F. &  
 EDNA J. HUNT  
 MAP 112, PARCEL 3363  
 BOOK 27996, PAGE 342

TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_

ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA

I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

DEED REFERENCE

- BOOK 22380, PAGE 520
- BOOK 21696, PAGE 96
- BOOK 22501, PAGE 440

PLAN REFERENCE:

- PLAN NO. 74 & 75 OF 2005, PLAN BOOK 534.
- PLAN NO. 133 OF 1980, PLAN BOOK 280

NOTES:

- VERTICAL DATUM: NAVD 1988
- LOCUS PROPERTY IS ZONE X & AE AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 25021C0362E, DATED JULY 17, 2012.
- WETLAND LINES DIGITIZED FROM APPROVED S.O.R.A.D. PLANS DATED FEBRUARY 4, 2008, REVISED AUGUST 18, 2009 BY OUTBACK ENGINEERING, INC.
- EDGE OF VERNAL POOL WAS DIGITIZED FROM CONCEPTUAL OPEN SPACE RESIDENTIAL DEVELOPMENT PLAN OPTION D DATED JUNE 20, 2011 CREATED BY BAY COLONY GROUP, INC.
- RIGHT OF WAY EASEMENT SHOWN HEREON IS TAKEN FROM PLAN NO. 74 & 75 OF 2005, PLAN BOOK 534, AND PLAN NO. 133 OF 1980, PLAN BOOK 280. NO DEED OF EASEMENT WAS FOUND ON RECORD. SEE DOCUMENT AT BOOK 22808, PAGE 229.

I CERTIFY THAT THIS SURVEY AND PLAN CONFORMS TO THE ETHICAL, PROCEDURAL, AND TECHNICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE COMMONWEALTH OF MASSACHUSETTS.

*Timothy S. Bodah*

TIMOTHY S. BODAH, P.L.S.

UTILITY NOTE:  
 THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND ARE BASED UPON A FIELD SURVEY AND A COMPILATION OF AVAILABLE PLANS AND SURFACE EVIDENCE. NEITHER WARRANTY NOR GUARANTEE OF THE INFORMATION IS PROVIDED. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES BY CONTACTING THE RESPECTIVE UTILITY COMPANIES AND 'DIG-SAFE' IN MASSACHUSETTS (1-888-344-7233) PRIOR TO EXCAVATION.



REVISIONS	DR/CK	
	DESCRIPTION	
	DATE	
	NO.	

PREPARED FOR: DEER HILL DEVELOPMENT, LLC.  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

PROJECT: FORGE ESTATES OF FOXBOROUGH  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035

PLAN REF: OPEN SPACE RESIDENTIAL DEVELOPMENT  
 EXISTING CONDITIONS PLAN  
 SHEET 1 OF 2

DATE: 01/15/14

DRAFTED: WCB

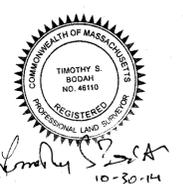
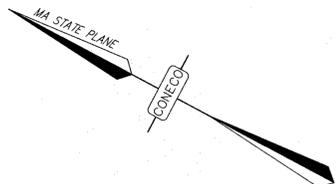
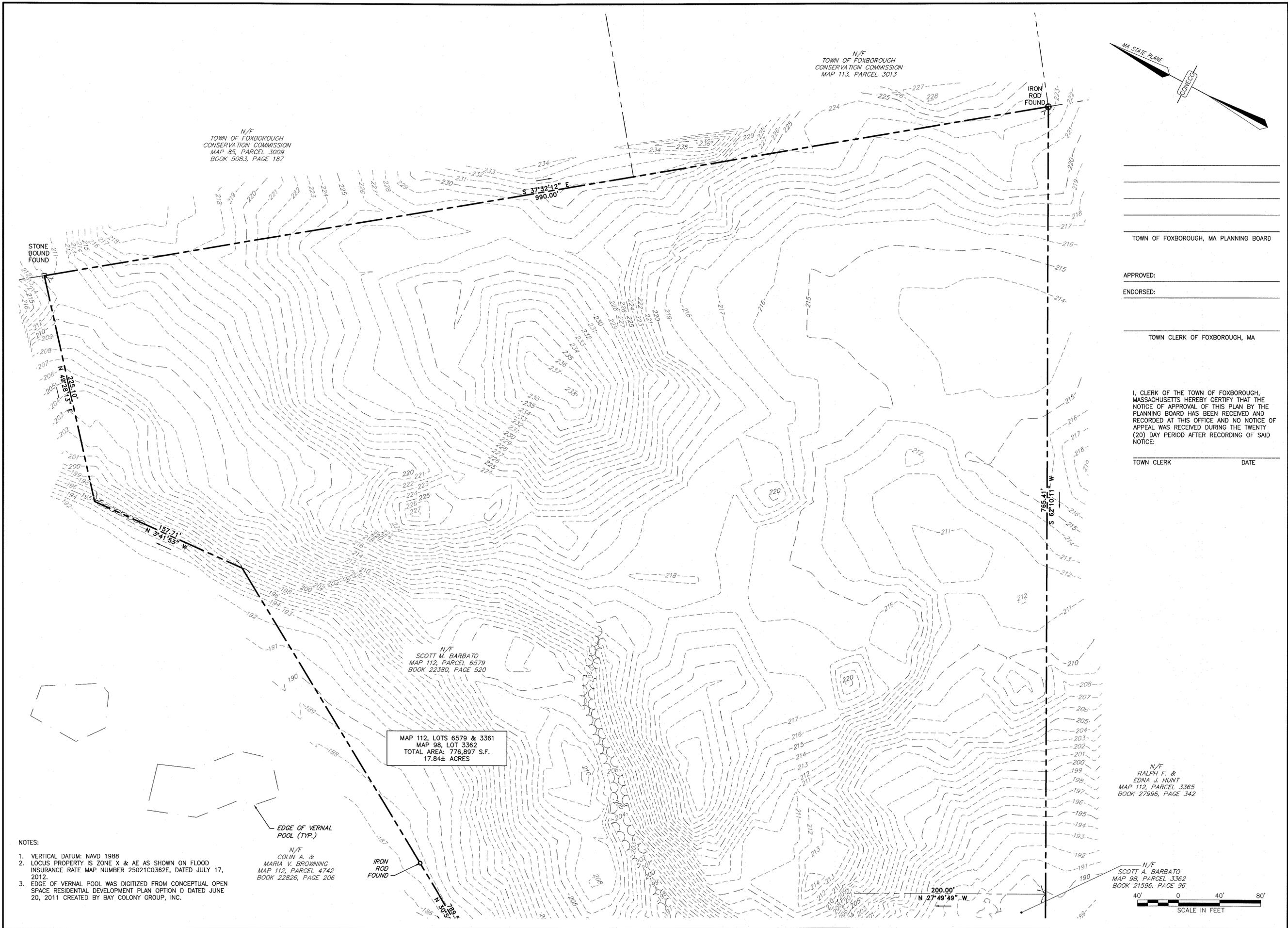
CHECKED: TSB

SCALE: 1" = 40'

PROJECT NO.: 8001.0

SHEET NO.: 4 OF 22

**CONECO**  
 Engineers, Scientists & Surveyors  
 4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
 PHONE: 508-697-3191 OR 508-546-3355 FAX: 508-697-5996  
 WEBSITE: www.coneco.com



NO.	DATE	DESCRIPTION

TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_

ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA

I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

PREPARED FOR:  
DEER HILL DEVELOPMENT, LLC,  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

DRAWING:  
EXISTING CONDITIONS PLAN  
SHEET 2 OF 2

PROJECT:  
FORCE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

PLAN SET:  
OPEN SPACE RESIDENTIAL DEVELOPMENT

**CONECO**  
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PHONE 508-697-3191 OR 800-548-3355; FAX 508-697-5996  
WEBSITE: www.coneco.com

DATE	01/15/14
DRAFTED:	WCB
CHECKED:	TSB
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	5

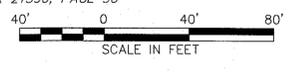
- NOTES:
1. VERTICAL DATUM: NAVD 1988
  2. LOCUS PROPERTY IS ZONE X & AE AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 25021C0362E, DATED JULY 17, 2012.
  3. EDGE OF VERNAL POOL WAS DIGITIZED FROM CONCEPTUAL OPEN SPACE RESIDENTIAL DEVELOPMENT PLAN OPTION D DATED JUNE 20, 2011 CREATED BY BAY COLONY GROUP, INC.

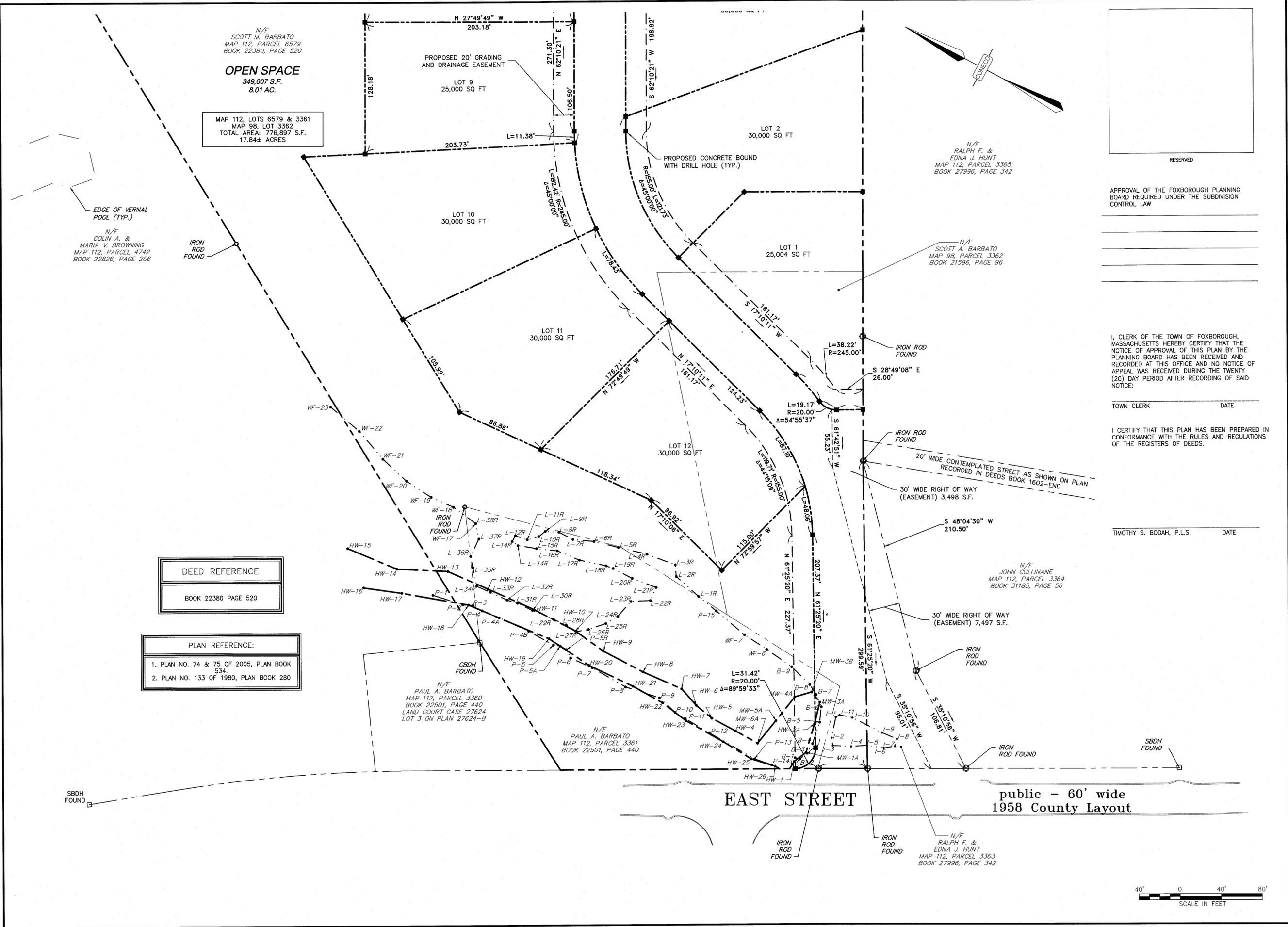
N/F  
COLIN A. &  
MARIA V. BROWNING  
MAP 112, PARCEL 4742  
BOOK 22826, PAGE 206

MAP 112, LOTS 6579 & 3361  
MAP 98, LOT 3362  
TOTAL AREA: 776,897 S.F.  
17.84± ACRES

N/F  
RALPH F. &  
EDNA J. HUNT  
MAP 112, PARCEL 3365  
BOOK 27996, PAGE 342

N/F  
SCOTT A. BARBATO  
MAP 98, PARCEL 3362  
BOOK 21596, PAGE 96





RESERVED

APPROVAL OF THE FOXBOROUGH PLANNING BOARD REQUIRED UNDER THE SUBDIVISION CONTROL LAW

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

TIMOTHY S. BODAH, P.L.S. DATE \_\_\_\_\_



NO.	DATE	DESCRIPTION	REVISIONS
1	2/12/2015	PEER REVIEW COMMENTS	

DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

PROPOSED LOT LAYOUT  
SHEET 1 OF 2

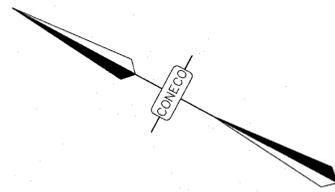
FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

OPEN SPACE RESIDENTIAL DEVELOPMENT

**CONNECO**  
Engineers, Scientists & Surveyors  
4 FIRST STREET, FOXBOROUGH, MASSACHUSETTS 02034  
PHONE: 508-697-3101 OR 800-548-1355 FAX: 508-697-5996  
WEBSITE: www.conneco.com

DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	<b>6</b>



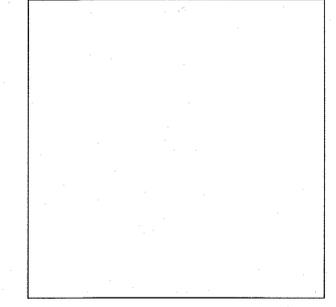


N/F  
TOWN OF FOXBOROUGH  
CONSERVATION COMMISSION  
MAP 85, PARCEL 3009  
BOOK 5083, PAGE 187

N/F  
TOWN OF FOXBOROUGH  
CONSERVATION COMMISSION  
MAP 113, PARCEL 3013

IRON  
ROD  
FOUND

STONE  
BOUND  
FOUND



RESERVED

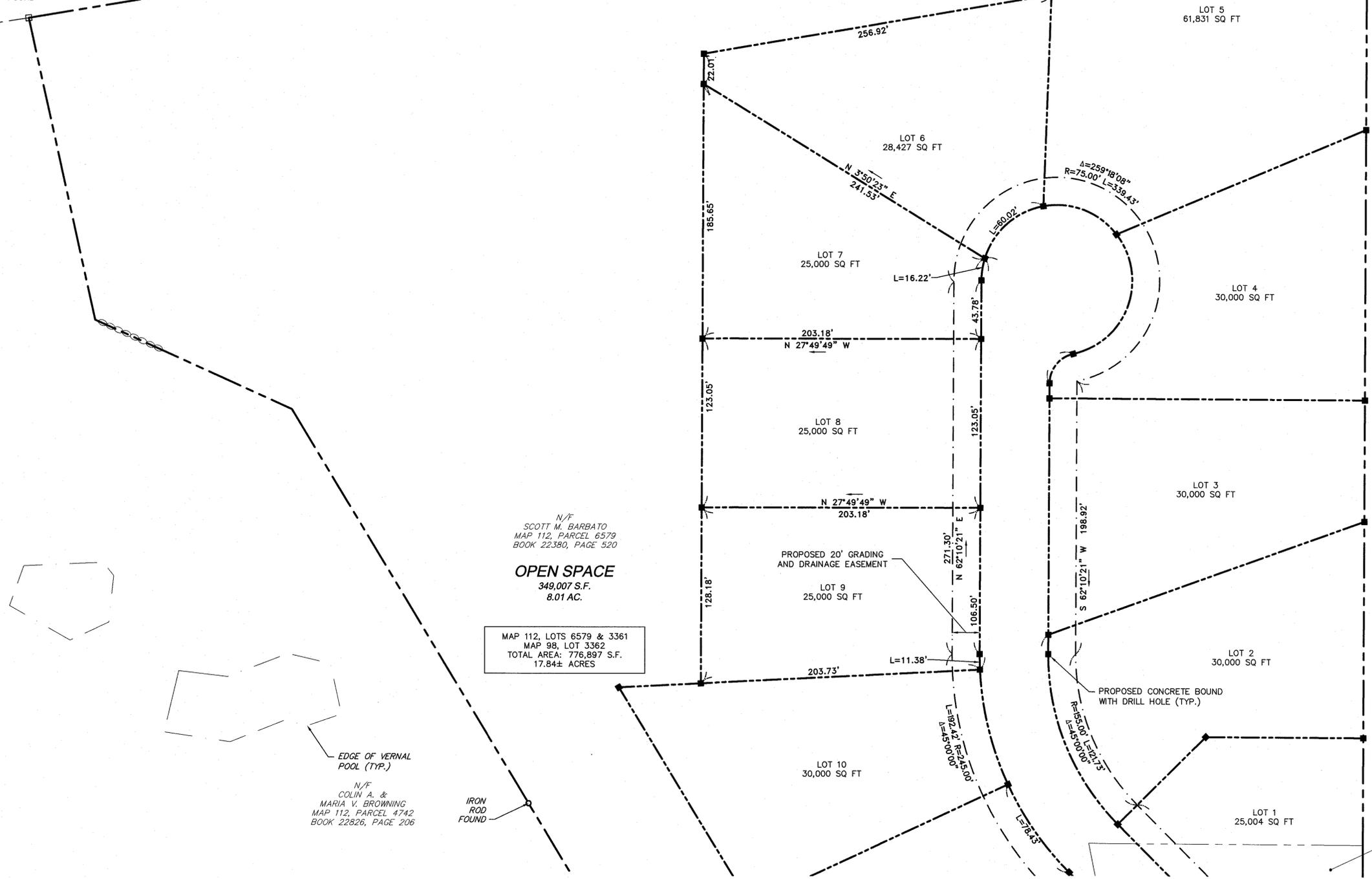
APPROVAL OF THE FOXBOROUGH PLANNING BOARD REQUIRED UNDER THE SUBDIVISION CONTROL LAW

I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

TIMOTHY S. BODAH, P.L.S. \_\_\_\_\_ DATE \_\_\_\_\_



N/F  
SCOTT M. BARBATO  
MAP 112, PARCEL 6579  
BOOK 22380, PAGE 520

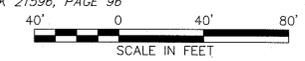
OPEN SPACE  
349,007 S.F.  
8.01 AC.

MAP 112, LOTS 6579 & 3361  
MAP 98, LOT 3362  
TOTAL AREA: 776,897 S.F.  
17.84± ACRES

N/F  
COLIN A. &  
MARIA V. BROWNING  
MAP 112, PARCEL 4742  
BOOK 22826, PAGE 206

N/F  
RALPH F. &  
EDNA J. HUNT  
MAP 112, PARCEL 3365  
BOOK 27996, PAGE 342

N/F  
SCOTT A. BARBATO  
MAP 98, PARCEL 3362  
BOOK 21596, PAGE 96



NO.	DATE	DESCRIPTION	DR/CK	D/D/JEN
1	2/12/2015	PEER REVIEW COMMENTS		

PREPARED FOR:  
DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

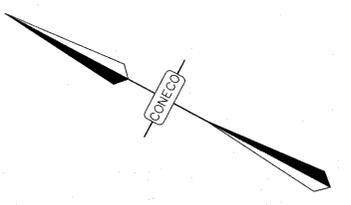
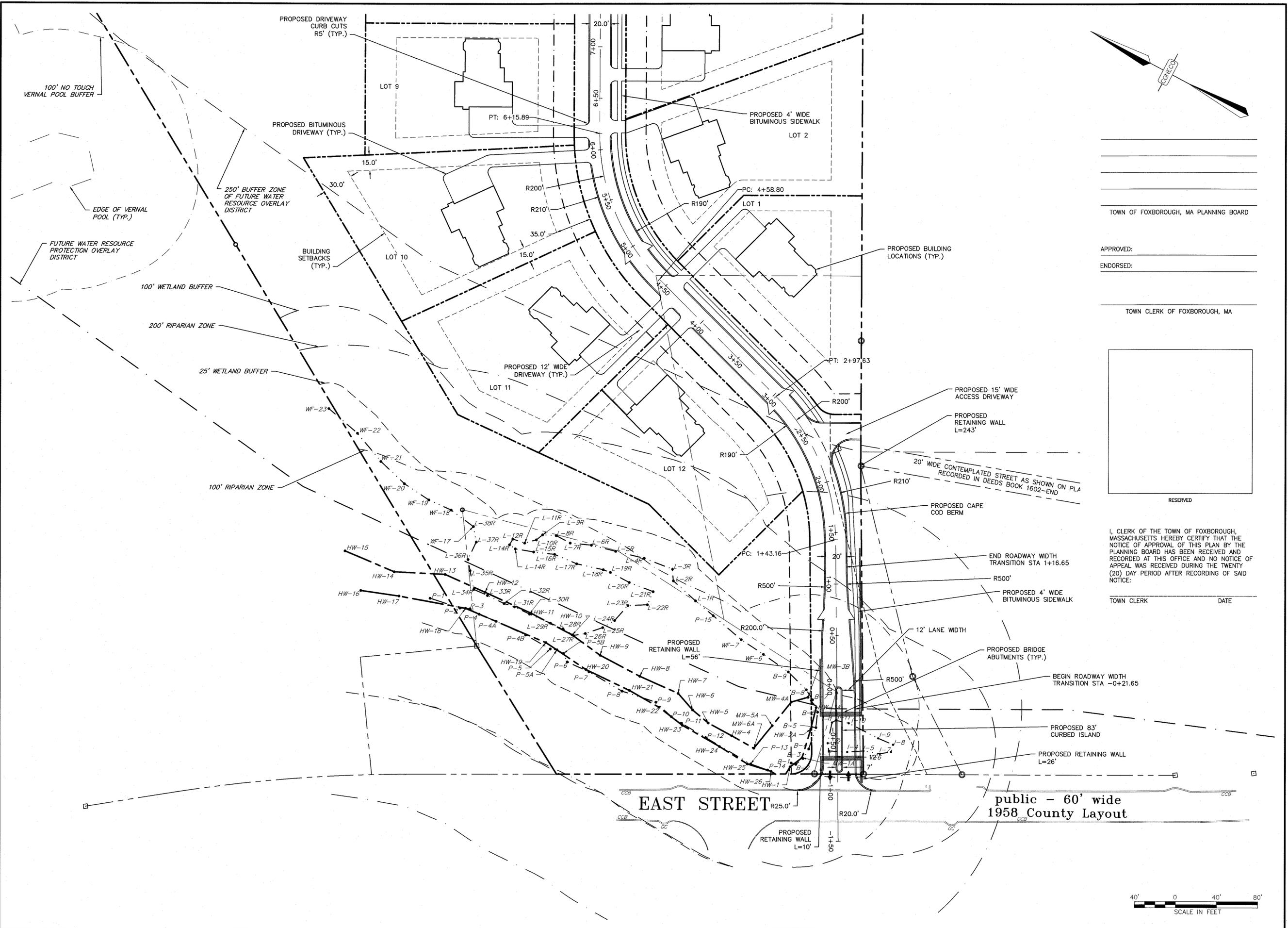
DATE: \_\_\_\_\_

PROJECT:  
FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

PLAN SET:  
OPEN SPACE RESIDENTIAL DEVELOPMENT

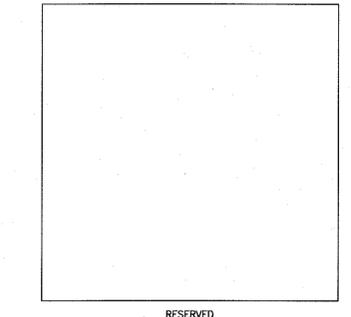
**CONECO**  
Engineers, Scientists & Surveyors  
4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
PHONE 508-697-3191 OR 800-548-3355; FAX 508-697-5986  
WEBSITE: www.coneco.com

DATE	10/30/2014
DESIGNED: DJJ	CHECKED: JEN
DRAFTED: DJJ	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	7



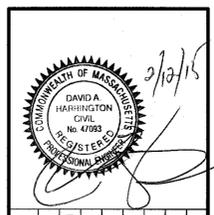
TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_  
 ENDORSED: \_\_\_\_\_  
 TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE.

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_



NO.	DATE	REVISIONS
1	2/12/2015	DR/CK DESCRIPTION D/D/JEN PEER REVIEW COMMENTS

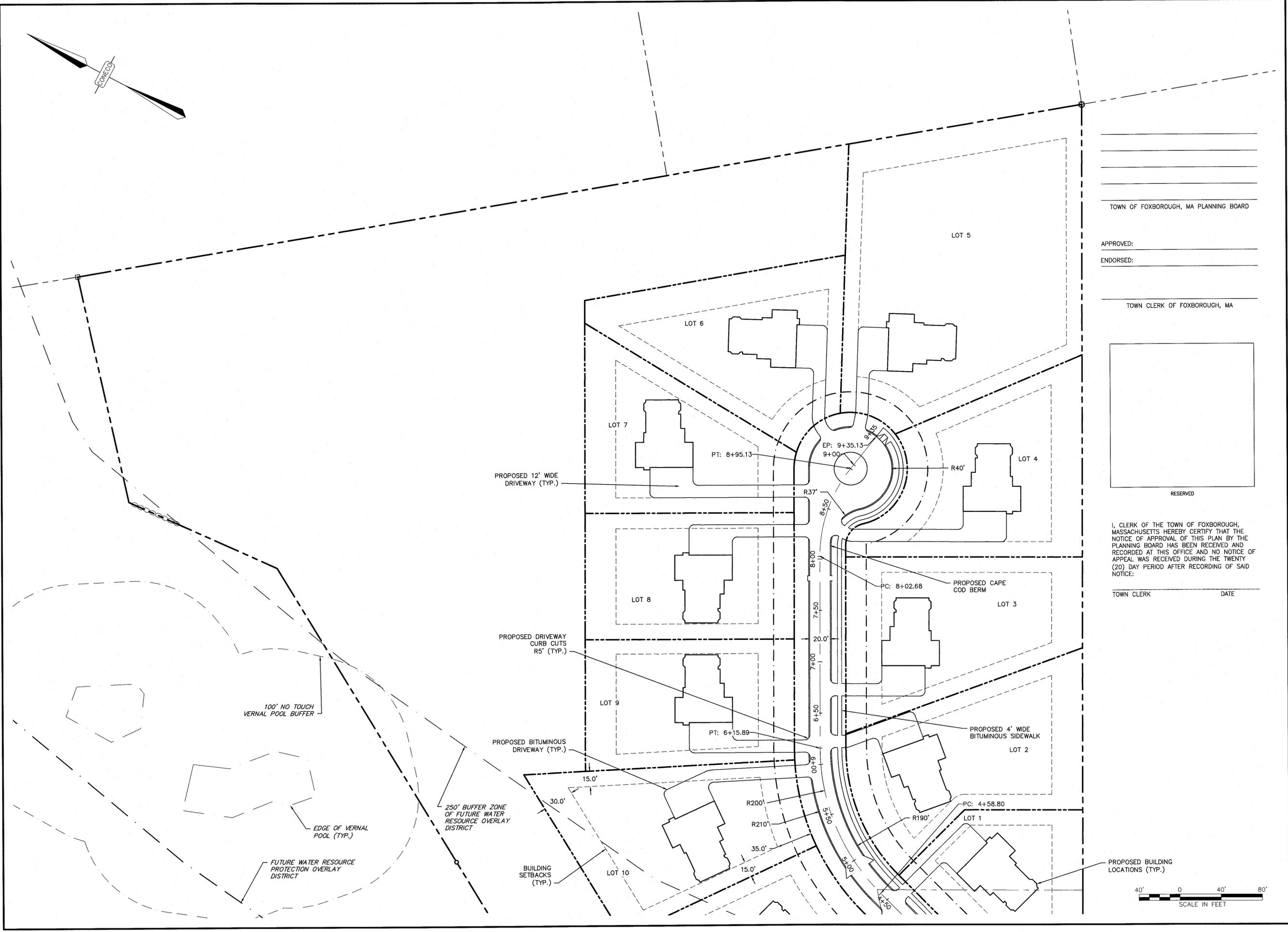
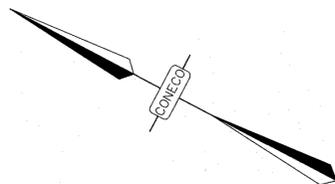
PREPARED FOR:  
 DEER HILL DEVELOPMENT, LLC.  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

PROJECT:  
 FORGE ESTATES OF FOXBOROUGH  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035

DATE SET:  
 OPEN SPACE RESIDENTIAL DEVELOPMENT

**CONECO**  
 Engineers, Scientists & Surveyors  
 4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
 PHONE 508-697-3191 OR 800-548-3355; FAX 508-697-5886  
 WEBSITE: www.coneco.com

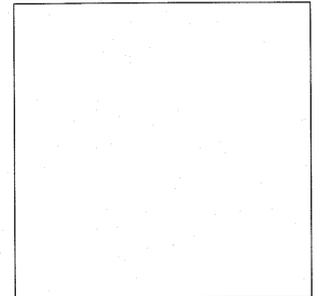
DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	8 OF 23



TOWN OF FOXBOROUGH, MA PLANNING BOARD

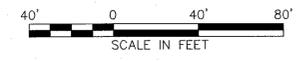
APPROVED: \_\_\_\_\_  
 ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA



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TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_



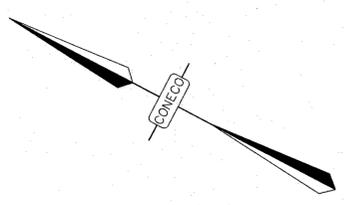
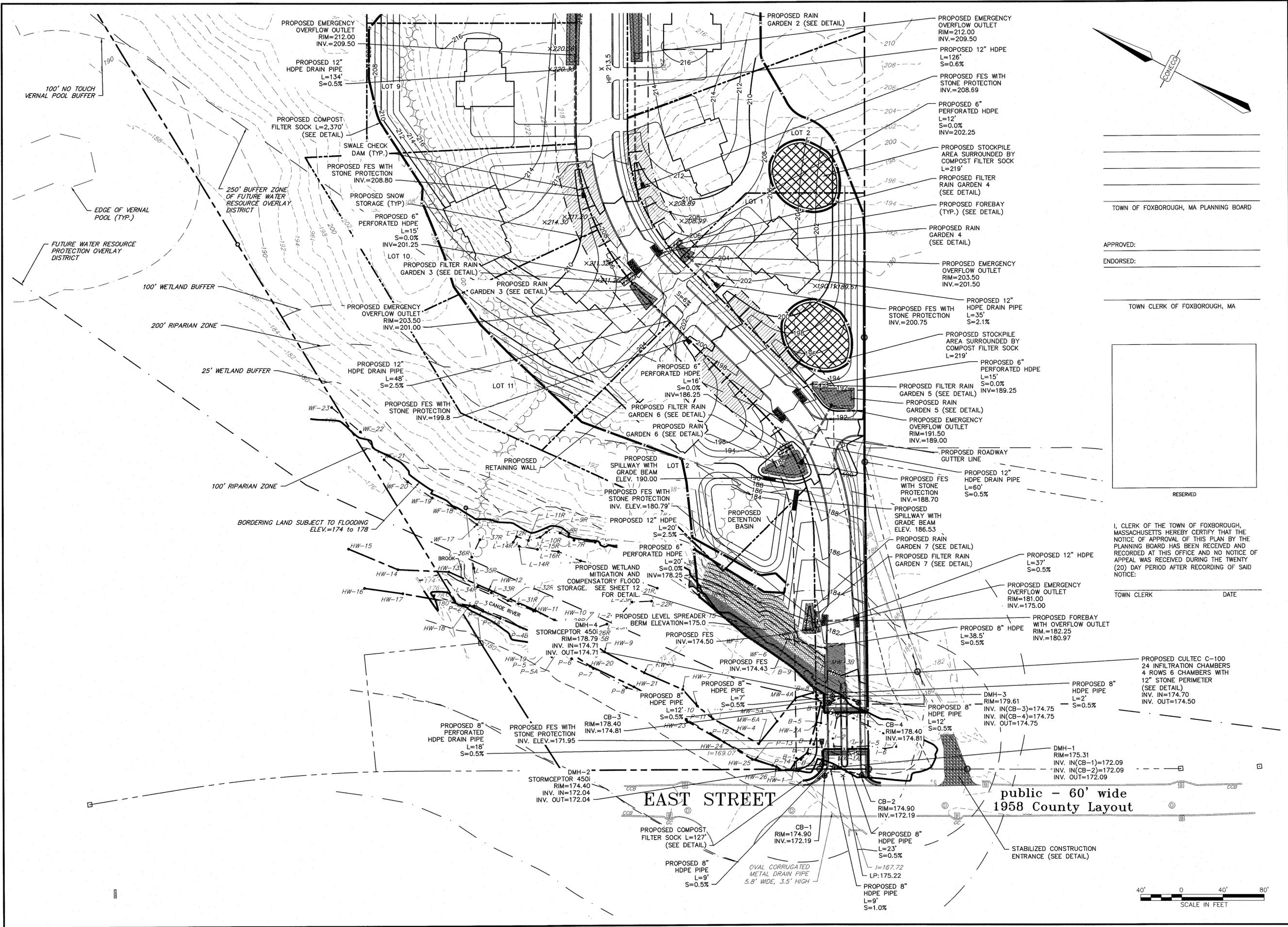
REVISIONS	
NO.	DESCRIPTION
1	2/12/2015 PEER REVIEW COMMENTS

DEER HILL DEVELOPMENT, LLC.  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

FORGE ESTATES OF FOXBOROUGH  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035

**CONECO**  
 Engineers, Scientists & Surveyors  
 4 FIRST STREET, BROOKFIELD, MASSACHUSETTS 02824  
 PHONE: 508-697-3131 OR 800-548-1355 FAX: 508-697-5986  
 WEBSITE: www.coneco.com

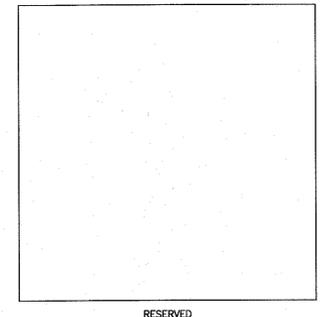
DATE: 10/30/2014  
 DESIGNED: DJD CHECKED: JEN  
 DRAFTED: DJD IN CHARGE: SMO  
 SCALE: 1" = 40'  
 PROJECT NO.: 8001.0  
 SHEET NO.:



TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_  
 ENDORSED: \_\_\_\_\_

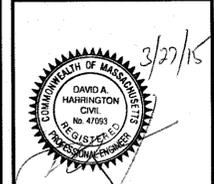
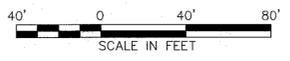
TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

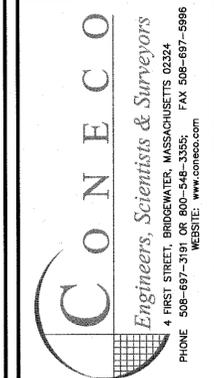
public - 60' wide  
 1958 County Layout



NO.	DATE	DESCRIPTION
1	2/12/2015	PEER REVIEW COMMENTS
2	3/27/2015	PEER REVIEW COMMENTS

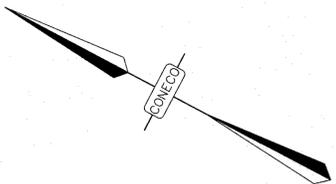
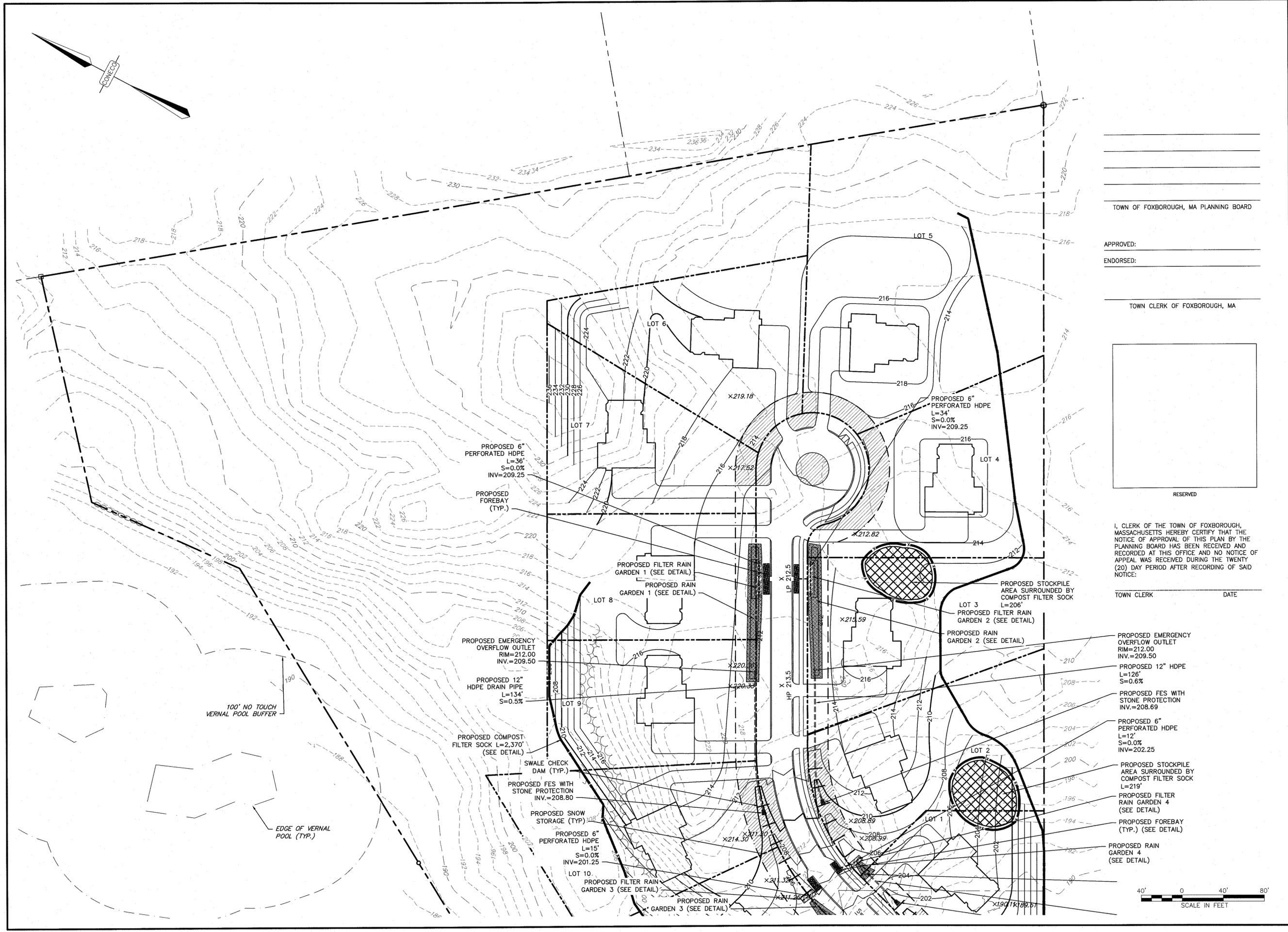
PREPARED FOR: DEER HILL DEVELOPMENT, LLC.  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

PROJECT: FORGE ESTATES OF FOXBOROUGH  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035



DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	10

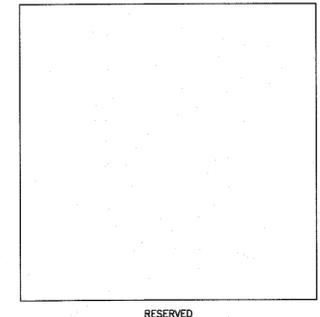
OF 23



TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_  
 ENDORSED: \_\_\_\_\_

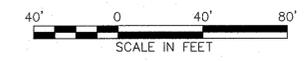
TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

- PROPOSED EMERGENCY OVERFLOW OUTLET  
RIM=212.00  
INV.=209.50
- PROPOSED 12" HDPE  
L=126'  
S=0.6%
- PROPOSED FES WITH STONE PROTECTION  
INV.=208.69
- PROPOSED 6" PERFORATED HDPE  
L=12'  
S=0.0%  
INV.=202.25
- PROPOSED STOCKPILE AREA SURROUNDED BY COMPOST FILTER SOCK  
L=219'
- PROPOSED FILTER RAIN GARDEN 4 (SEE DETAIL)
- PROPOSED FOREBAY (TYP.) (SEE DETAIL)
- PROPOSED RAIN GARDEN 4 (SEE DETAIL)



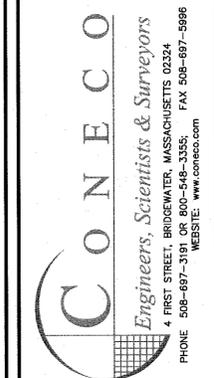
NO.	DATE	DESCRIPTION
1	2/12/2015	PEER REVIEW COMMENTS
2	3/27/2015	PEER REVIEW COMMENTS

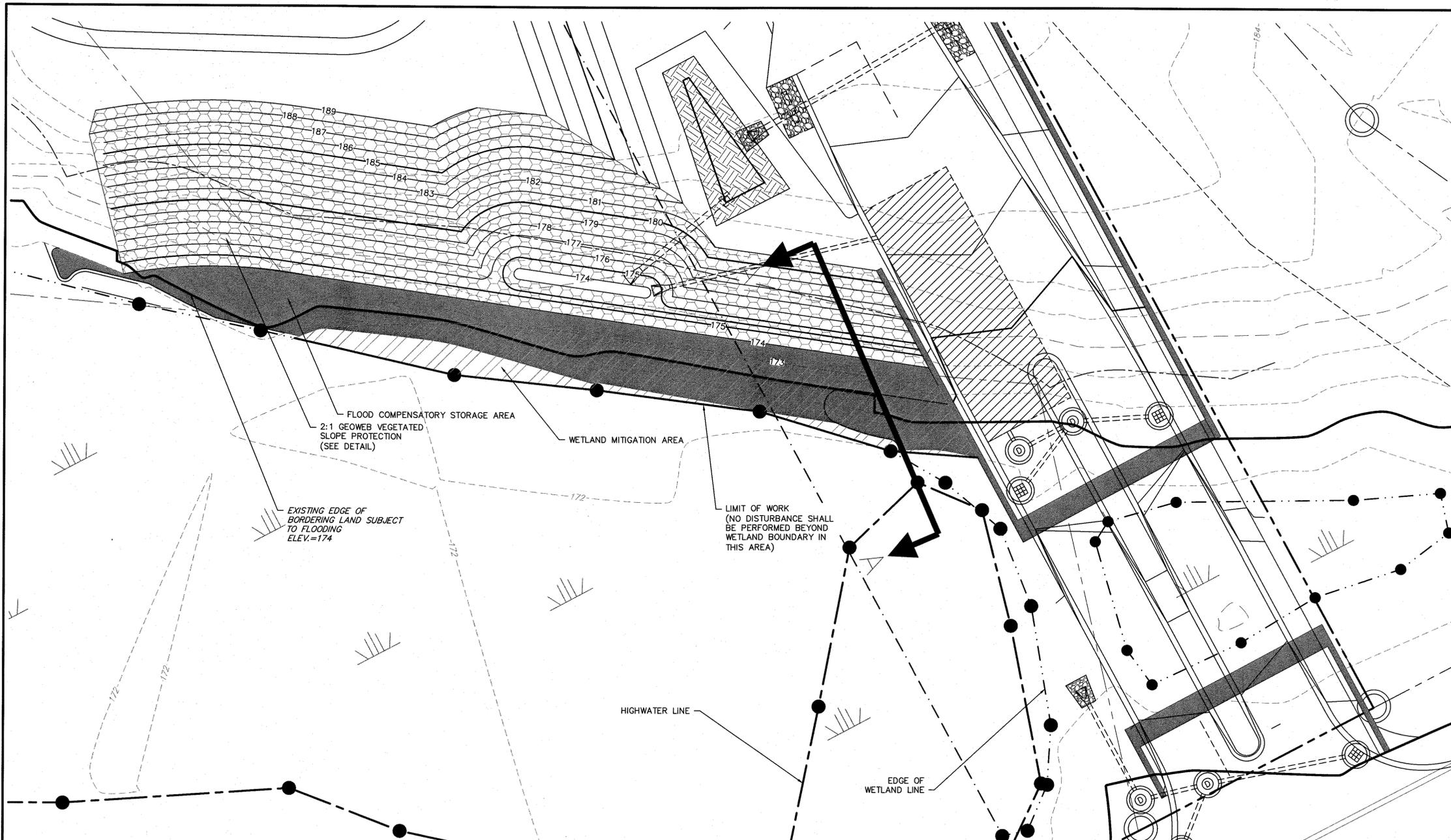
PREPARED FOR:  
**DEER HILL DEVELOPMENT, LLC.**  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

PROJECT:  
**FORGE ESTATES OF FOXBOROUGH**  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035

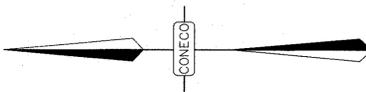
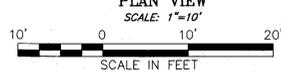
PLANNING BOARD:  
**OPEN SPACE RESIDENTIAL DEVELOPMENT**

DATE: 10/30/2014  
 DESIGNED: DJD CHECKED: JEN  
 DRAFTED: DJD IN CHARGE: SMO  
 SCALE: 1" = 40'  
 PROJECT NO. 8001.0  
 SHEET NO. **11** OF 23





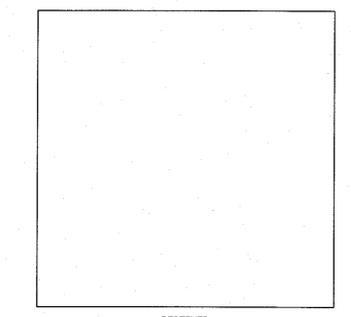
PROPOSED COMPENSATORY STORAGE AND WETLAND MITIGATION  
PLAN VIEW



TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_  
ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_



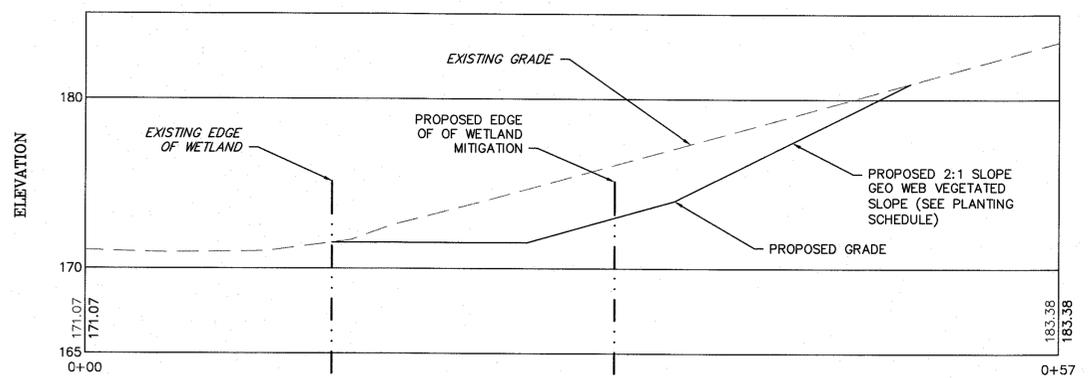
NO.	DATE	DESCRIPTION	DR/CK
1	2/12/2015	PEER REVIEW COMMENTS	DJD/JEN

PREPARED FOR:  
DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

PROJECT:  
FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

PLAN #E1:  
OPEN SPACE RESIDENTIAL DEVELOPMENT

DRAWING:  
PROPOSED COMPENSATORY STORAGE AND WETLAND MITIGATION PLAN



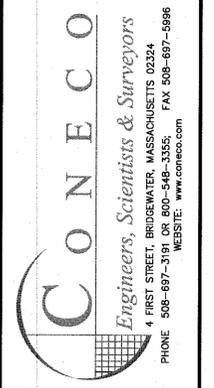
PROPOSED COMPENSATORY STORAGE AND WETLAND MITIGATION  
SECTION A  
VERT. SCALE: 1"=5', HORIZ. SCALE: 1"=5'

PROPOSED VEGETATED SLOPE PLANTING TABLE*				
QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	STATUS
4	WHITE PINE	PINUS STROBUS	2-3" cal.	FACU
4	RED OAK	QUERCUS RUBRA	2-3" cal.	FACU-
4	WHITE OAK	QUERCUS ALBA	2-3" cal.	FACU-
4	AMERICAN BEECH	FAGUS GRANDIFOLIA	2-3" cal.	FACU
8	NORTHERN BUSH HONEYSUCKLE	DIERVILLA LONICERA	18-24" HEIGHT	UPL
8	GRAY DOGWOOD	CORNUS RACEMOSA	18-24" HEIGHT	FAC
8	ALTERNATE-LEAVED DOGWOOD	CORNUS ALTERNIFOLIA	18-24" HEIGHT	UPL
8	WITCH HAZEL	HAMAMELIS VIRGINIANA	18-24" HEIGHT	FAC-
3	NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX (OR EQUIVALENT)		1 LB/1,750 SF	VARIES

\* NOTE: PLANTING SCHEDULE PROVIDED BY LUCAS ENVIRONMENTAL, LLC.

WETLAND MITIGATION		
REQUIRED	PROPOSED	
719 S.F.	1,112 S.F.	

COMPENSATORY STORAGE		
ELEVATION	REQUIRED	PROPOSED
174	1,243 S.F.	1,244 S.F.
173	802 S.F.	806 S.F.
172	192 S.F.	197 S.F.



DATE: 10/30/2014  
DESIGNED: DJD CHECKED: JEN  
DRAFTED: DJD IN CHARGE: SMO  
SCALE: AS NOTED  
PROJECT NO. 8001.0

SHEET NO. **12**  
OF 23



NO.	DATE	DESCRIPTION	DR/CK	DD/JEN
1	2/12/2015	PEER REVIEW COMMENTS		

PREPARED FOR: DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

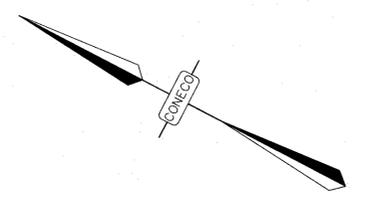
DRAWING: PROPOSED UTILITY PLAN  
SHEET 1 OF 2

PROJECT: FORCE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

PLAN SET: OPEN SPACE RESIDENTIAL DEVELOPMENT

**CONNECO**  
Engineers, Scientists & Surveyors  
4 FIRST STREET, BROADWATER, MASSACHUSETTS 02324  
PHONE 508-697-3100 FAX 508-697-9996  
WWW.CONNECO.COM

DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	<b>13</b>

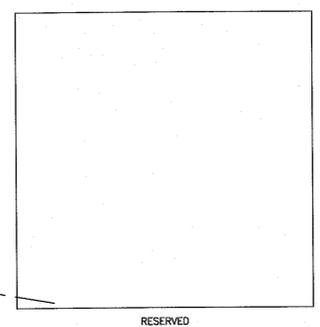


TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_

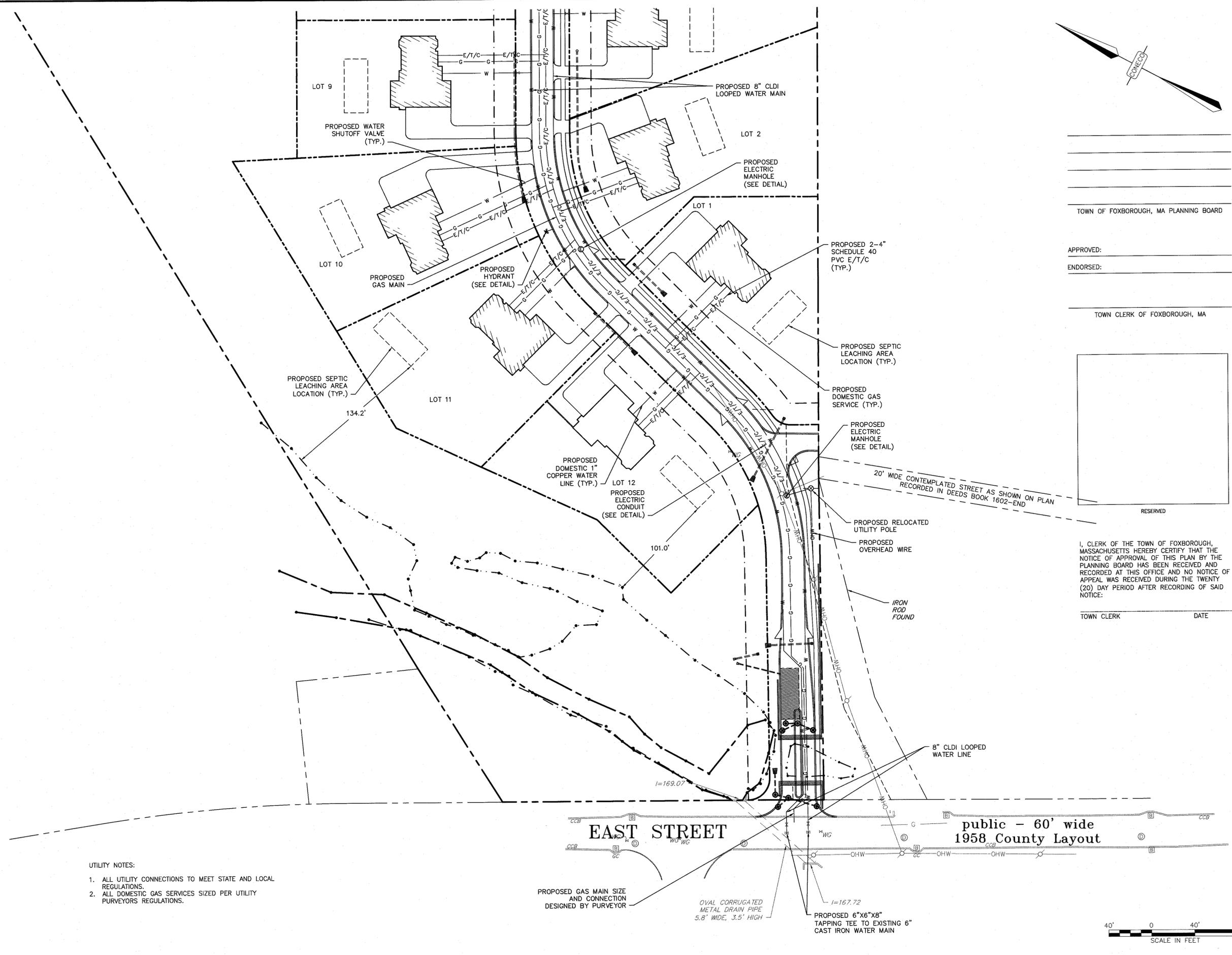
ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

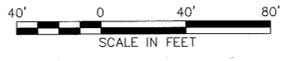


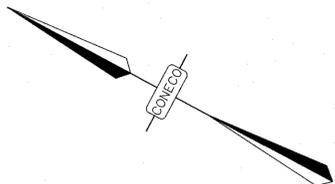
- UTILITY NOTES:
1. ALL UTILITY CONNECTIONS TO MEET STATE AND LOCAL REGULATIONS.
  2. ALL DOMESTIC GAS SERVICES SIZED PER UTILITY PURVEYORS REGULATIONS.

PROPOSED GAS MAIN SIZE AND CONNECTION DESIGNED BY PURVEYOR

OVAL CORRUGATED METAL DRAIN PIPE 5.8' WIDE, 3.5' HIGH

PROPOSED 6"X8" TAPPING TEE TO EXISTING 6" CAST IRON WATER MAIN





NO.	DATE	DESCRIPTION	DR/CK	D/D/EN
1	2/12/2015	PEER REVIEW COMMENTS		

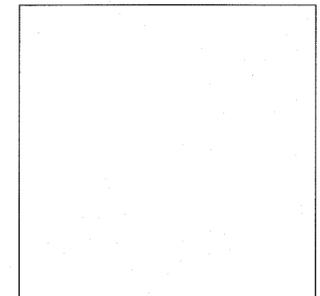
\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_

ENDORSED: \_\_\_\_\_

\_\_\_\_\_  
 TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

PREPARED FOR:  
 DEER HILL DEVELOPMENT, LLC.  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

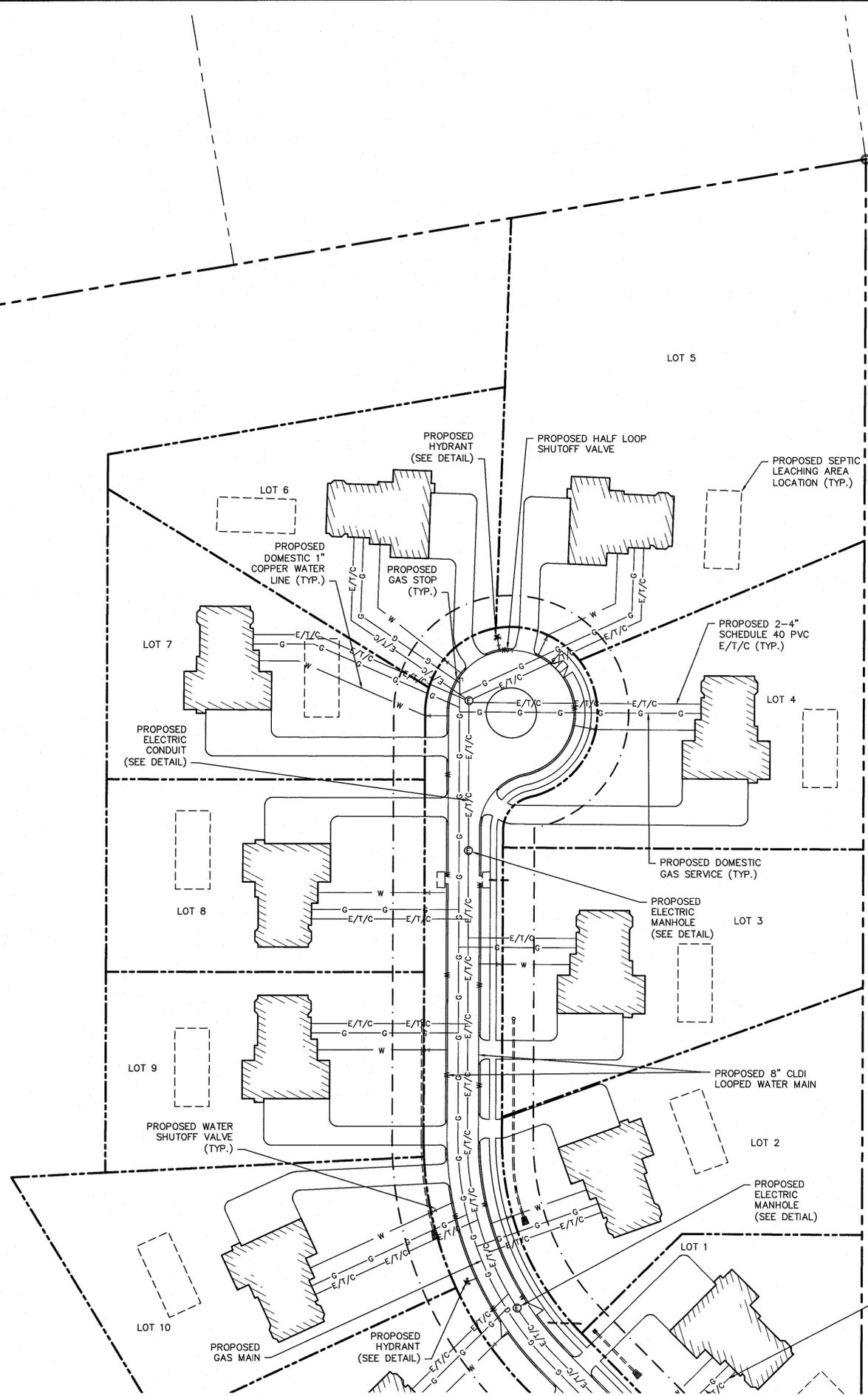
PROJECT:  
 FORGE ESTATES OF FOXBOROUGH  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035

PLAN SET:  
 OPEN SPACE RESIDENTIAL DEVELOPMENT

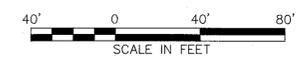
**CONNECO**  
 Engineers, Scientists & Surveyors  
 4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
 PHONE 508-697-3191 OR 800-548-3385; FAX 508-697-5996  
 WEBSITE: www.conneco.com

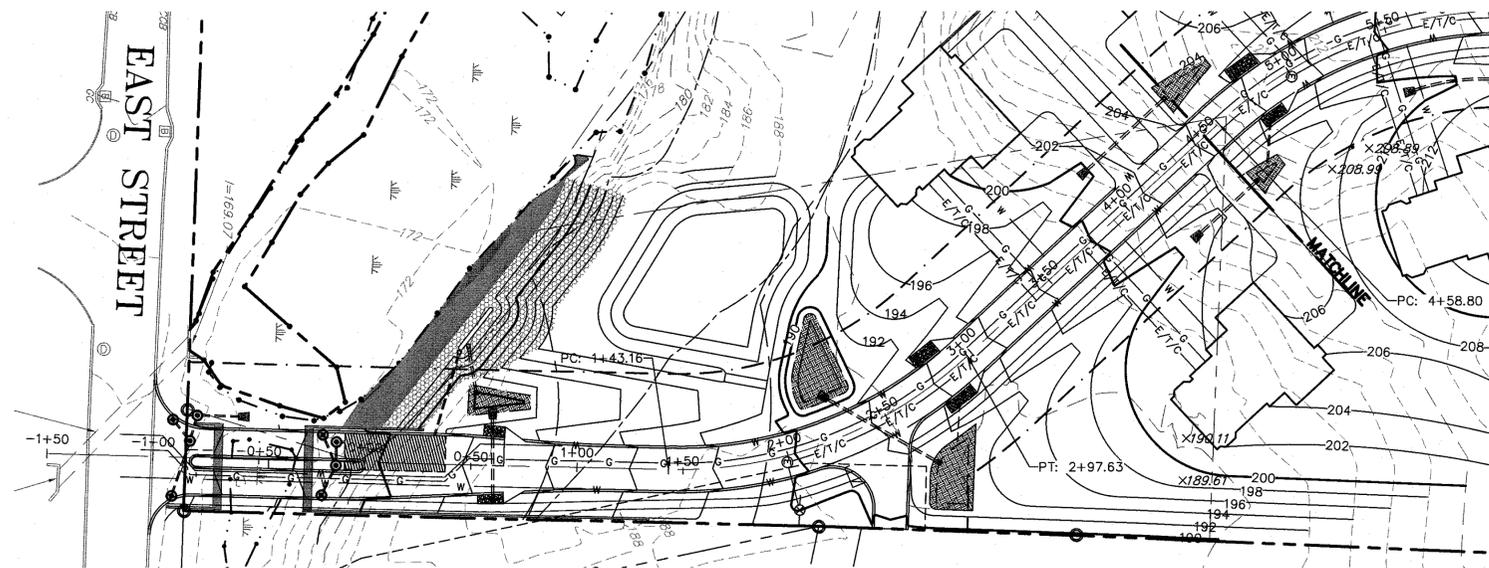
DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	14

**14**  
 OF 23

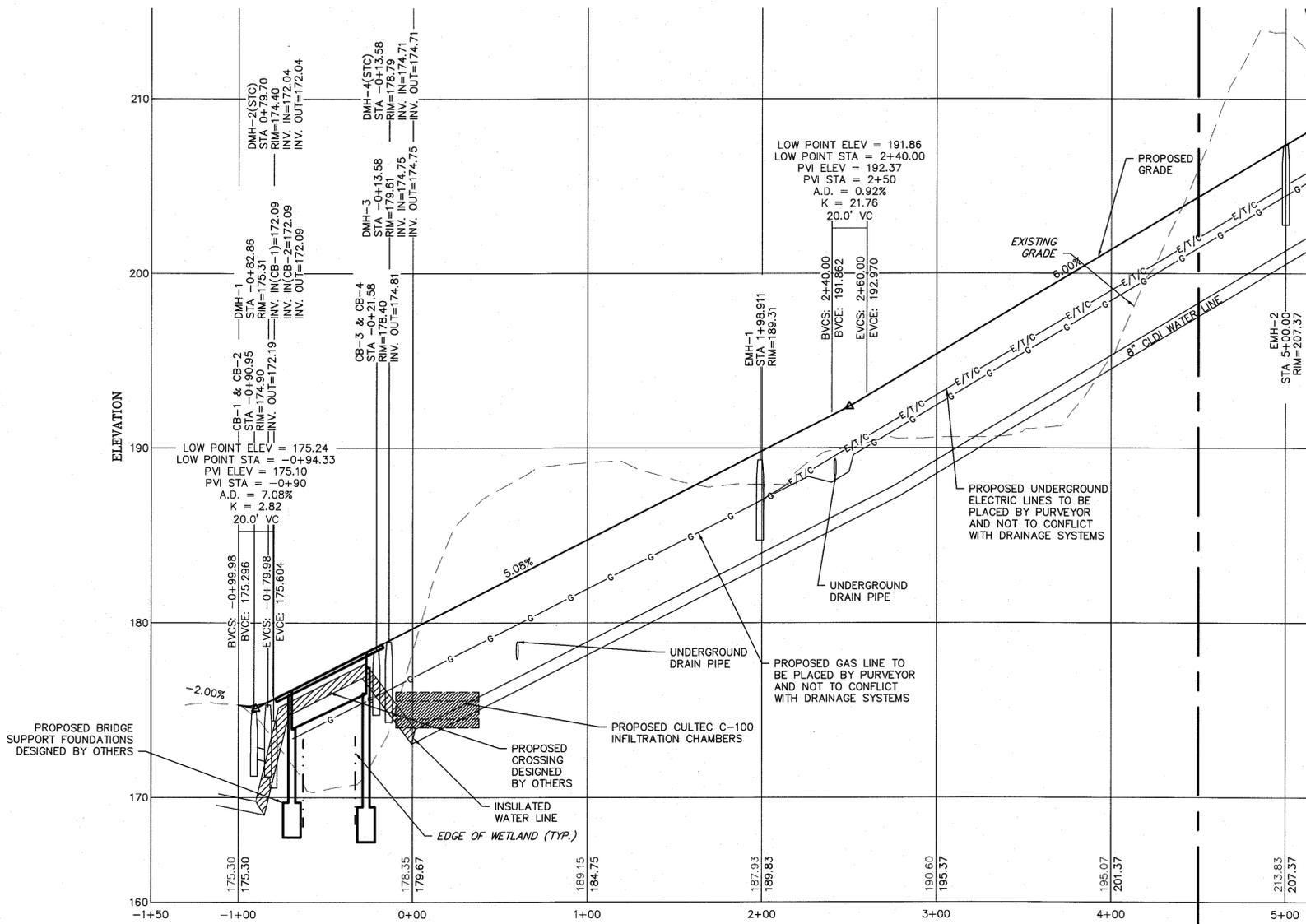
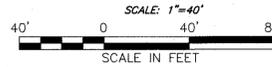


- UTILITY NOTES:
1. ALL UTILITY CONNECTIONS TO MEET STATE AND LOCAL REGULATIONS.
  2. ALL DOMESTIC GAS SERVICES SIZED PER UTILITY PURVEYORS REGULATIONS.

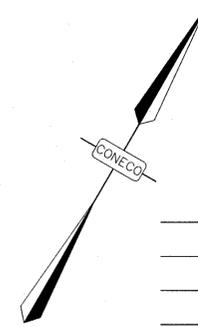




PROPOSED ROADWAY STA -1+50 TO STA 4+50  
PLAN VIEW  
SCALE: 1"=40'



PROPOSED ROADWAY STA 0+00 TO STA 4+50  
PROFILE VIEW  
VERT. SCALE: 1"=4', HORIZ. SCALE: 1"=40'

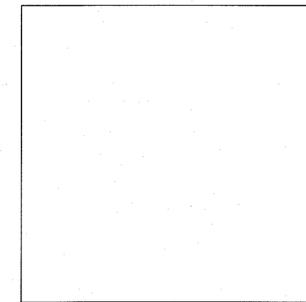


TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_

ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_



NO.	DATE	DESCRIPTION	DR/CK	D/D/JEN
1	2/12/2015	PEER REVIEW COMMENTS		

PROPOSED FOR: DEER HILL DEVELOPMENT, LLC.  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

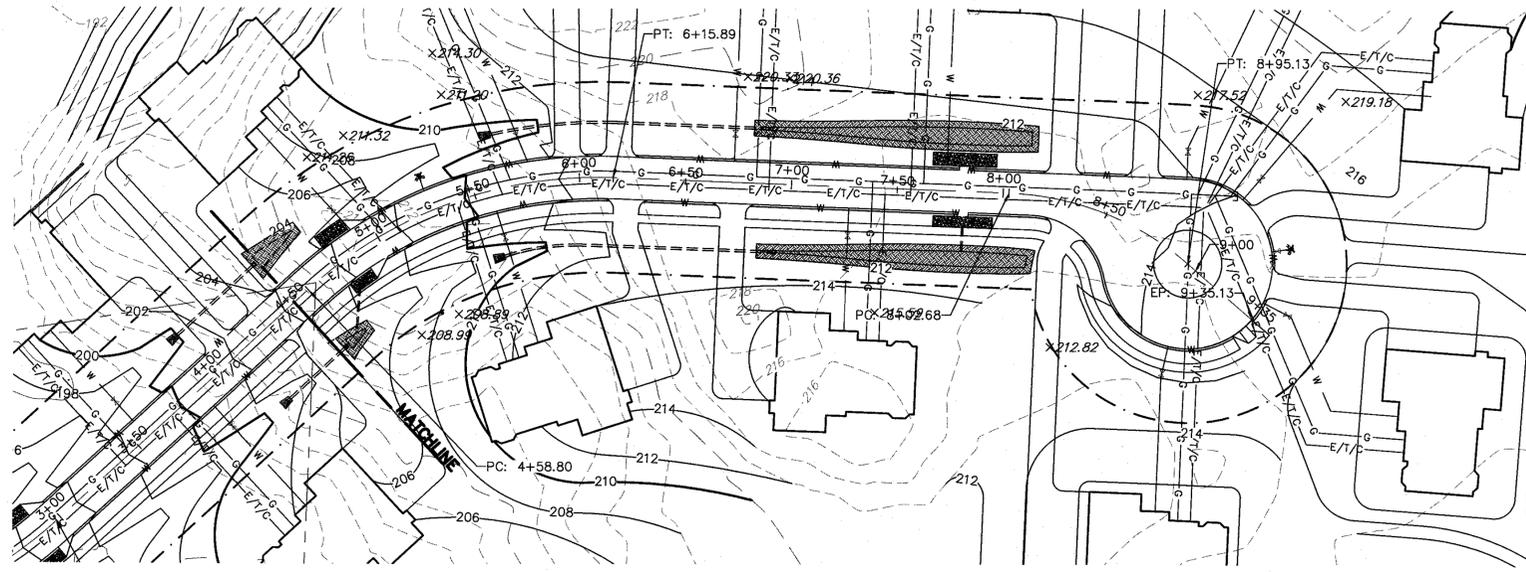
PROJECT: FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

CONECO  
Engineers, Scientists & Surveyors  
4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
PHONE 508-697-3191 OR 800-548-3305; FAX 508-697-5996  
WEBSITE: www.coneco.com

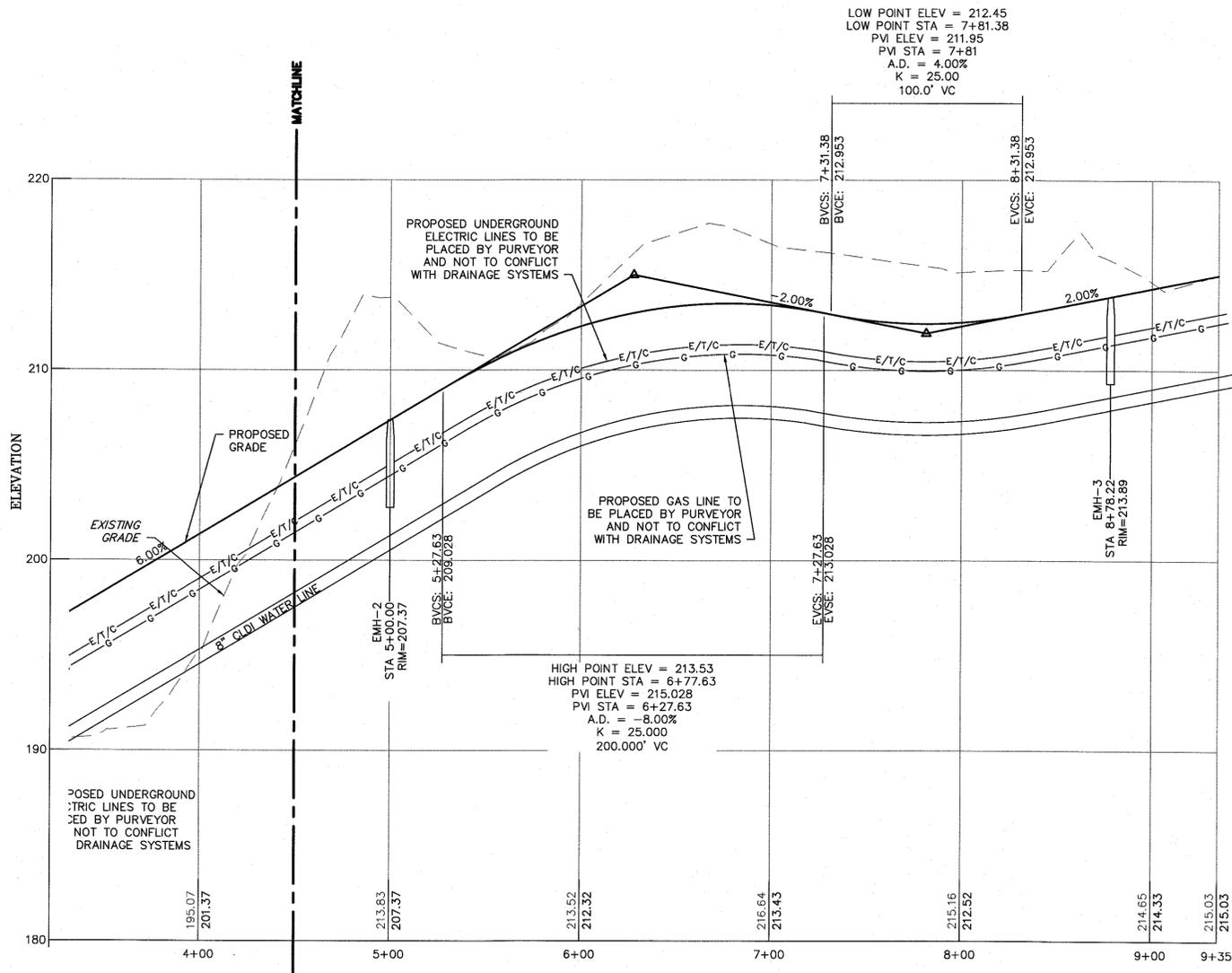
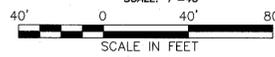
DATE: 10/30/2014  
DESIGNED: DJD CHECKED: JEN  
DRAFTED: DJD IN CHARGE: SMO

SCALE: 1" = 40'  
PROJECT NO. 8001.0  
SHEET NO.

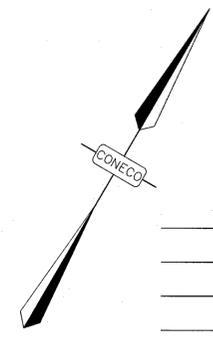
15  
OF 23



PROPOSED ROADWAY STA 4+50 TO STA 9+35  
PLAN VIEW  
SCALE: 1"=40'



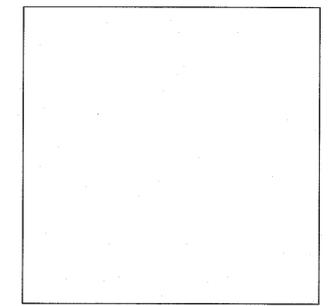
PROPOSED ROADWAY STA 4+50 TO STA 9+35  
PROFILE VIEW  
VERT. SCALE: 1"=4'; HORIZ. SCALE: 1"=40'



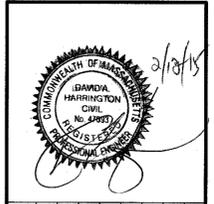
TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_  
ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:  
TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

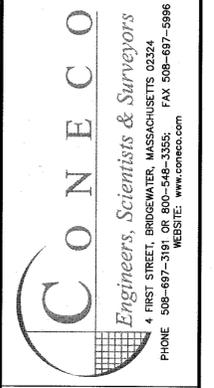


NO.	DATE	DESCRIPTION	DR/CK	DATE	REVISIONS
1	2/12/2015				

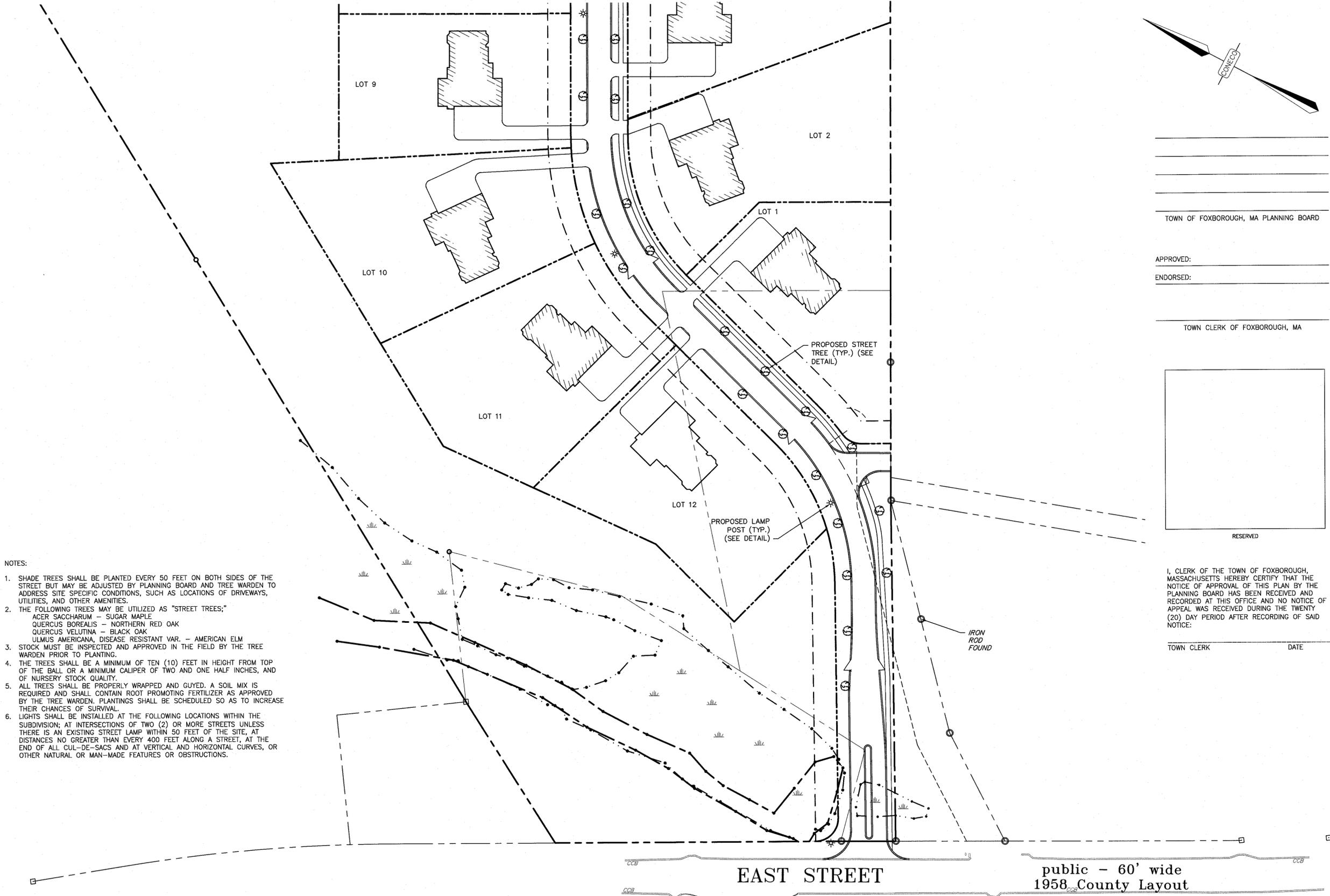
PREPARED FOR:  
**DEER HILL DEVELOPMENT, LLC.**  
P.O. BOX 250  
RAYNHAM CENTER, MA 02768

PROJECT:  
**FORGE STATES OF FOXBOROUGH**  
204 EAST STREET  
FOXBOROUGH, MASSACHUSETTS 02035

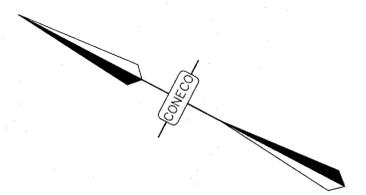
PLAN SET:  
**OPEN SPACE RESIDENTIAL DEVELOPMENT**



DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0
SHEET NO.	16



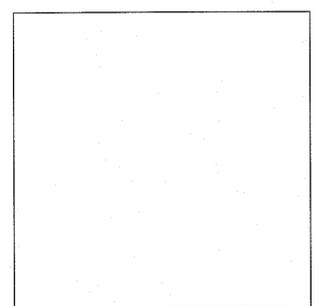
- NOTES:
- SHADE TREES SHALL BE PLANTED EVERY 50 FEET ON BOTH SIDES OF THE STREET BUT MAY BE ADJUSTED BY PLANNING BOARD AND TREE WARDEN TO ADDRESS SITE SPECIFIC CONDITIONS, SUCH AS LOCATIONS OF DRIVEWAYS, UTILITIES, AND OTHER AMENITIES.
  - THE FOLLOWING TREES MAY BE UTILIZED AS "STREET TREES;"  
 ACER SACCHARUM - SUGAR MAPLE  
 QUERCUS BOREALIS - NORTHERN RED OAK  
 QUERCUS VELUTINA - BLACK OAK  
 ULMUS AMERICANA, DISEASE RESISTANT VAR. - AMERICAN ELM
  - STOCK MUST BE INSPECTED AND APPROVED IN THE FIELD BY THE TREE WARDEN PRIOR TO PLANTING.
  - THE TREES SHALL BE A MINIMUM OF TEN (10) FEET IN HEIGHT FROM TOP OF THE BALL OR A MINIMUM CALIPER OF TWO AND ONE HALF INCHES, AND OF NURSERY STOCK QUALITY.
  - ALL TREES SHALL BE PROPERLY WRAPPED AND GUYED. A SOIL MIX IS REQUIRED AND SHALL CONTAIN ROOT PROMOTING FERTILIZER AS APPROVED BY THE TREE WARDEN. PLANTINGS SHALL BE SCHEDULED SO AS TO INCREASE THEIR CHANCES OF SURVIVAL.
  - LIGHTS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS WITHIN THE SUBDIVISION; AT INTERSECTIONS OF TWO (2) OR MORE STREETS UNLESS THERE IS AN EXISTING STREET LAMP WITHIN 50 FEET OF THE SITE, AT DISTANCES NO GREATER THAN EVERY 400 FEET ALONG A STREET, AT THE END OF ALL CUL-DE-SACS AND AT VERTICAL AND HORIZONTAL CURVES, OR OTHER NATURAL OR MAN-MADE FEATURES OR OBSTRUCTIONS.



TOWN OF FOXBOROUGH, MA PLANNING BOARD

APPROVED: \_\_\_\_\_  
 ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA

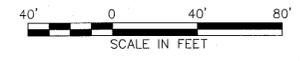


RESERVED

I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

EAST STREET public - 60' wide  
 1958 County Layout



NO.	DATE	DESCRIPTION	DR/CK	D/D/JEN
1	2/12/2015	PEER REVIEW COMMENTS		

PREPARED FOR:  
 DEER HILL DEVELOPMENT, LLC.  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

DRAWING:  
 PROPOSED LANDSCAPING LAYOUT  
 SHEET 1 OF 2

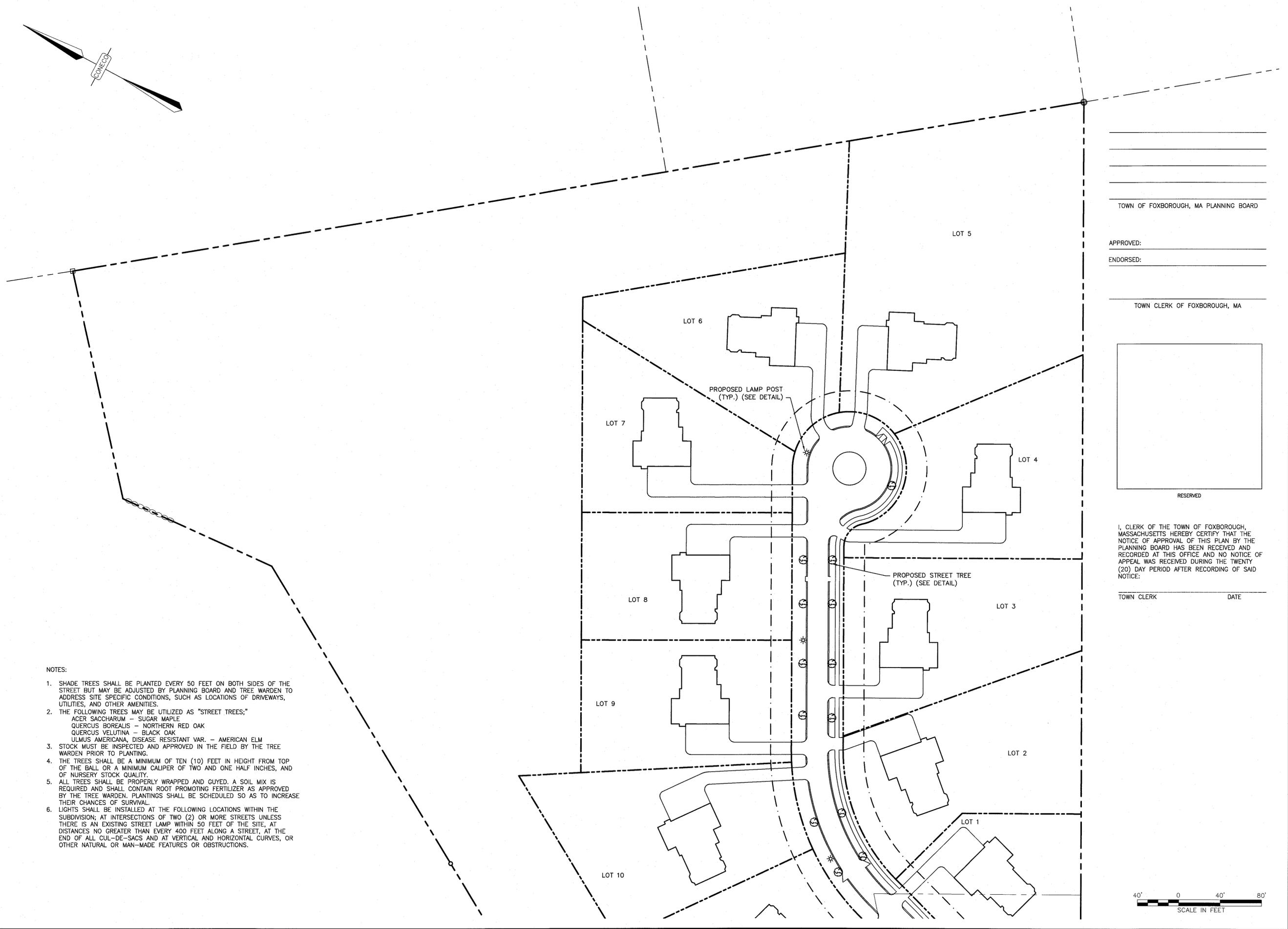
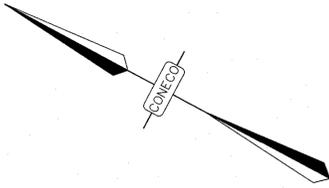
PROJECT:  
 FORCE ESTATES OF FOXBOROUGH  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035

PLAN REF:  
 OPEN SPACE RESIDENTIAL DEVELOPMENT

**CONECO**  
 Engineers, Scientists & Surveyors  
 4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02824  
 PHONE: 508-697-3191 OR 800-548-3355; FAX: 508-697-8996  
 WEBSITE: www.coneco.com

DATE	10/30/2014
DESIGNED: D.J.D.	CHECKED: JEN
DRAFTED: D.J.D.	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0

SHEET NO. **17**  
 OF 23

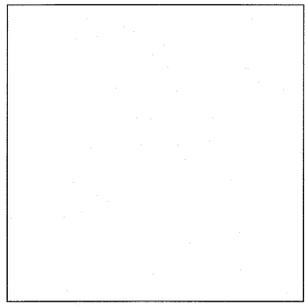


- NOTES:
- SHADE TREES SHALL BE PLANTED EVERY 50 FEET ON BOTH SIDES OF THE STREET BUT MAY BE ADJUSTED BY PLANNING BOARD AND TREE WARDEN TO ADDRESS SITE SPECIFIC CONDITIONS, SUCH AS LOCATIONS OF DRIVEWAYS, UTILITIES, AND OTHER AMENITIES.
  - THE FOLLOWING TREES MAY BE UTILIZED AS "STREET TREES;"  
 ACER SACCHARUM - SUGAR MAPLE  
 QUERCUS BOREALIS - NORTHERN RED OAK  
 QUERCUS VELUTINA - BLACK OAK  
 ULMUS AMERICANA, DISEASE RESISTANT VAR. - AMERICAN ELM
  - STOCK MUST BE INSPECTED AND APPROVED IN THE FIELD BY THE TREE WARDEN PRIOR TO PLANTING.
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  - ALL TREES SHALL BE PROPERLY WRAPPED AND GUYED. A SOIL MIX IS REQUIRED AND SHALL CONTAIN ROOT PROMOTING FERTILIZER AS APPROVED BY THE TREE WARDEN. PLANTINGS SHALL BE SCHEDULED SO AS TO INCREASE THEIR CHANCES OF SURVIVAL.
  - LIGHTS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS WITHIN THE SUBDIVISION: AT INTERSECTIONS OF TWO (2) OR MORE STREETS UNLESS THERE IS AN EXISTING STREET LAMP WITHIN 50 FEET OF THE SITE, AT DISTANCES NO GREATER THAN EVERY 400 FEET ALONG A STREET, AT THE END OF ALL CUL-DE-SACS AND AT VERTICAL AND HORIZONTAL CURVES, OR OTHER NATURAL OR MAN-MADE FEATURES OR OBSTRUCTIONS.

TOWN OF FOXBOROUGH, MA PLANNING BOARD

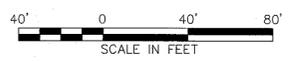
APPROVED: \_\_\_\_\_  
 ENDORSED: \_\_\_\_\_

TOWN CLERK OF FOXBOROUGH, MA



I, CLERK OF THE TOWN OF FOXBOROUGH, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY (20) DAY PERIOD AFTER RECORDING OF SAID NOTICE:

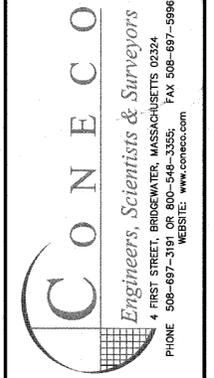
TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_



NO.	DATE	DESCRIPTION	DR/CK
1	2/12/2015	PEER REVIEW COMMENTS	D/D/JEN

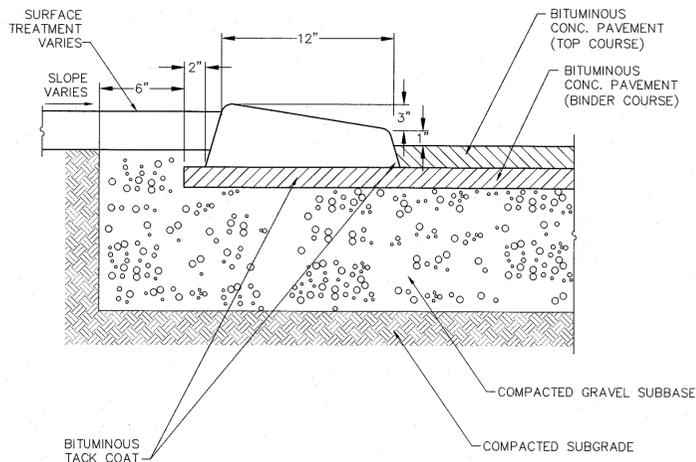
PROPOSED FOR: DEER HILL DEVELOPMENT, LLC.  
 P.O. BOX 250  
 RAYNHAM CENTER, MA 02768

PROJECT: FORGE ESTATES OF FOXBOROUGH  
 204 EAST STREET  
 FOXBOROUGH, MASSACHUSETTS 02035

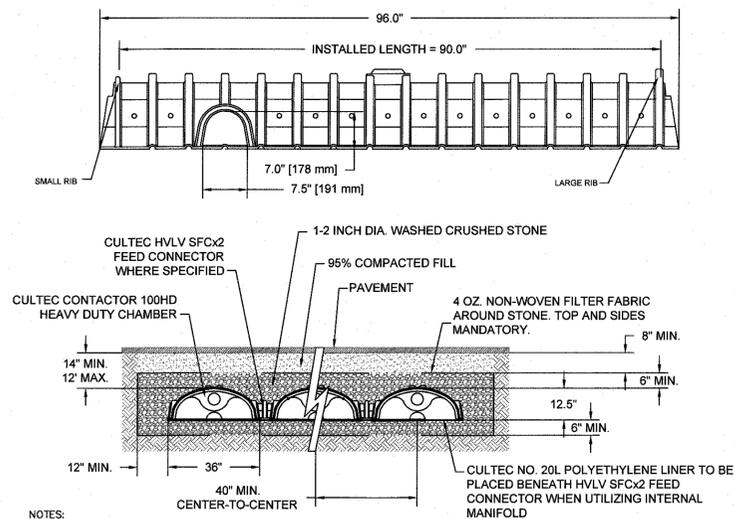
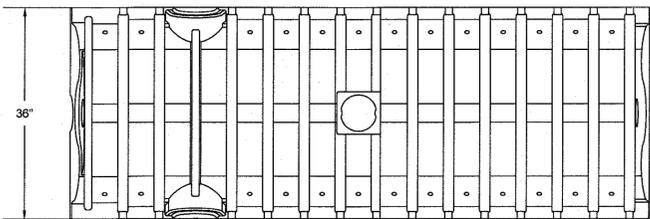


DATE	10/30/2014
DESIGNED: DJD	CHECKED: JEN
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	1" = 40'
PROJECT NO.	8001.0

SHEET NO. **18**  
 OF 23

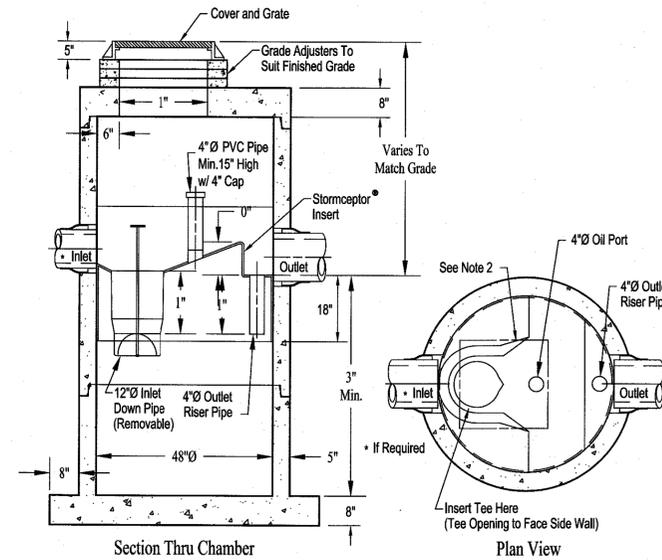


**CAPE COD BERM (CCB)**  
N.T.S.



**CULTEC CONTACTOR 100HD**  
N.T.S.

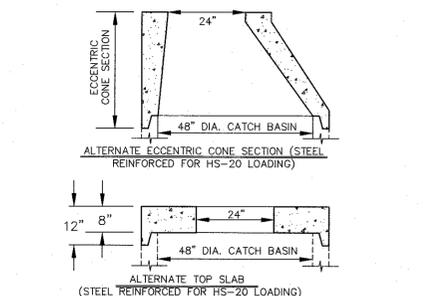
**STC 450i Precast Concrete Stormceptor®**  
(450 U.S. Gallon Capacity)



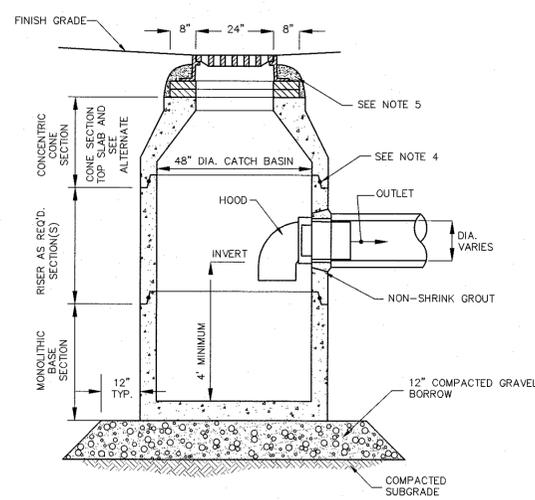
**Section Thru Chamber**  
**Plan View**

- Notes:
- The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
  - The Cover Should be Positioned Over The Inlet Drop Pipe and The Oil Port.
  - The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
  - Contact a Concrete Pipe Division representative for further details not listed on this drawing.

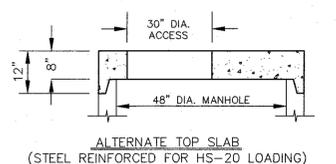
Rinker 027



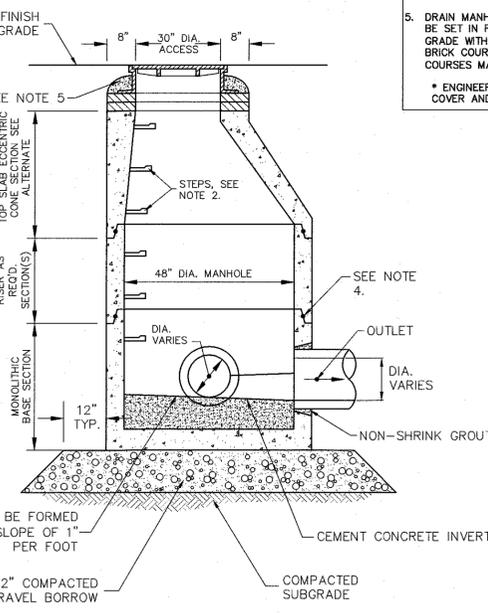
- NOTES:
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
  - COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12\"/>



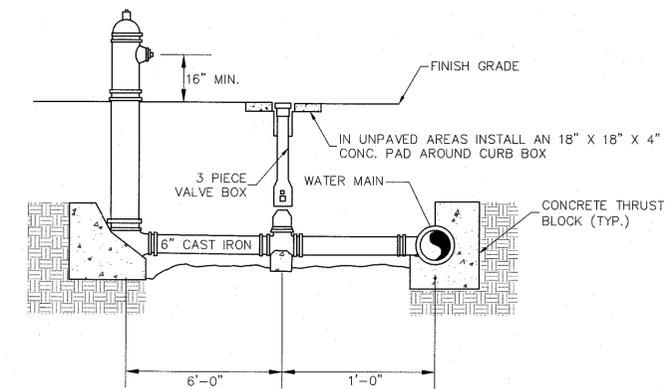
**CATCH BASIN (CB)**  
N.T.S.



- NOTES:
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
  - COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12\"/>



**DRAIN MANHOLE (DMH)**  
N.T.S.



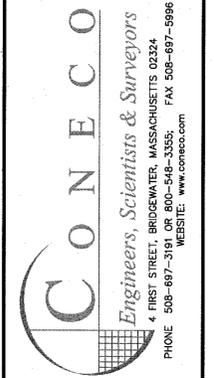
**FIRE HYDRANT INSTALLATION**  
N.T.S.



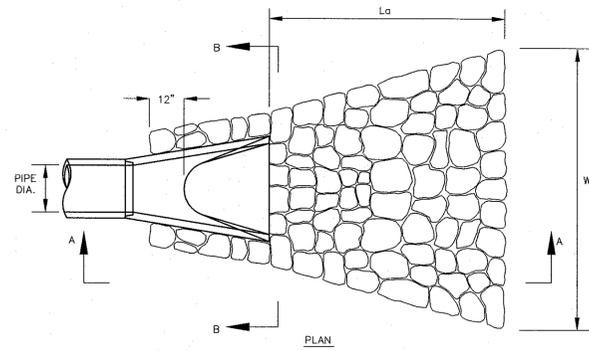
NO.	DATE	DESCRIPTION	DR/CK	D/D/EN
1	2/7/2015	PEER REVIEW COMMENTS		

DEER HILL DEVELOPMENT, LLC  
P.O. BOX 250  
RAYNHAM, MA

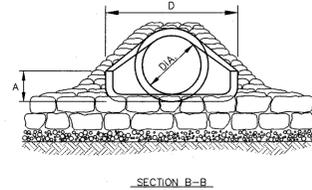
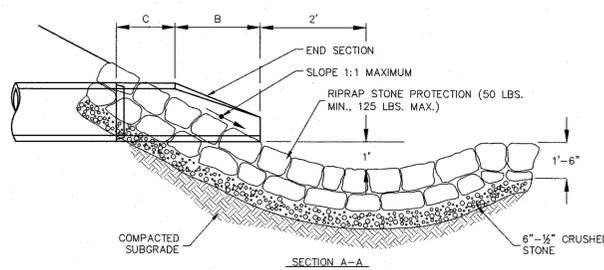
FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MA 02035



DATE	10/30/2014
DESIGNED: DJD	CHECKED: DAH
DRAFTED: DJD	IN CHARGE: SMO
SCALE:	N.T.S.
PROJECT NO.	8001.0
SHEET NO.	19

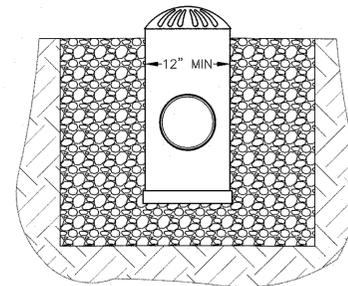


PIPE DIA.	A	B	C	D	La	Wo
6"-12"	4"	2'-0"	4'-0"	2'-0"	4'	6'
15"-18"	9"	2'-3"	3'-10"	3'-0"	6'	9'
24"	9"	3'-7"	2'-6"	4'-0"	8'	12'
30"	12"	4'-6"	1'-7"	5'-0"	12.5'	16'
36"	15"	5'-3"	2'-10"	6'-0"	16'	20'
42"	21"	5'-3"	2'-11"	6'-6"	21'	25'
48"	24"	6'-0"	2'-2"	7'-0"	24'	28'

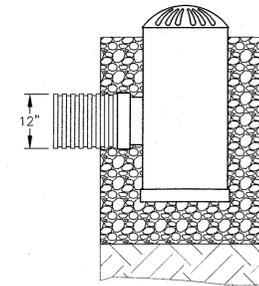


- NOTES:
1. THE FLARED END SECTION PIPE JOINT SHALL BE SIMILAR TO THE MAIN RUN OF PIPE JOINTS.
  2. FLARED END SECTIONS SHALL CONFORM AS SHOWN IN THE TABLE OR AS APPROVED BY THE ENGINEER.

**FLARED END SECTION W/ STONE PROTECTION**  
N.T.S.



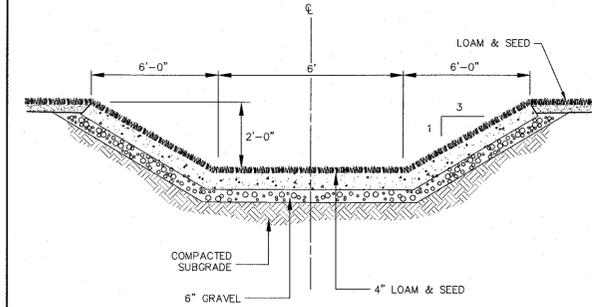
FRONT VIEW



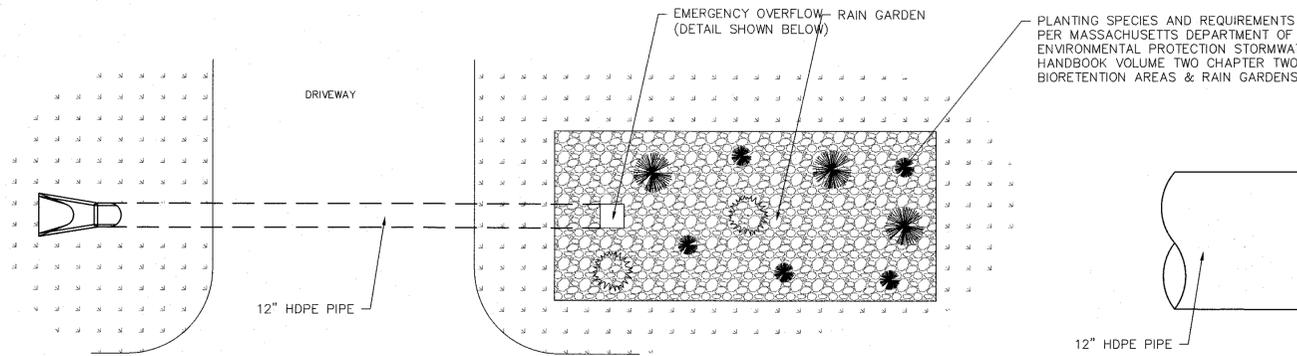
SIDE VIEW

- NOTES:
1. EMERGENCY OVERFLOW STRUCTURE TO BE NYLOPLAST DRAIN BASIN OR APPROVED EQUAL.
  2. EMERGENCY OVERFLOW GRATE TO BE BEEHIVE/DOME STYLE.

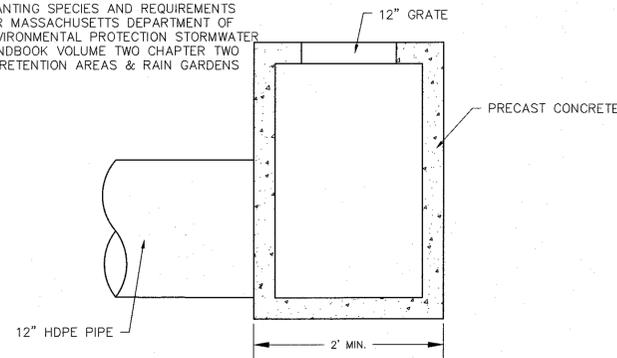
**FOREBAY OUTLET STRUCTURE**  
N.T.S.



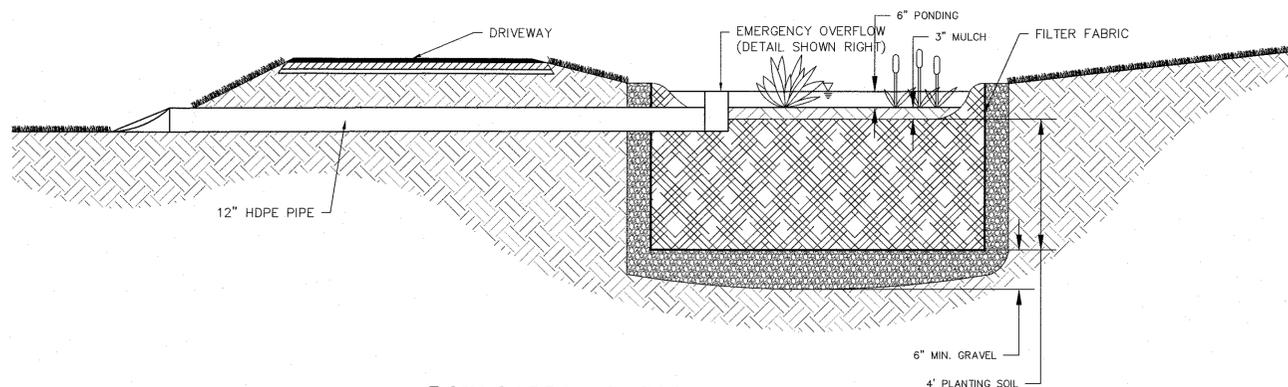
**GRASS SWALE CROSS-SECTION**  
N.T.S.



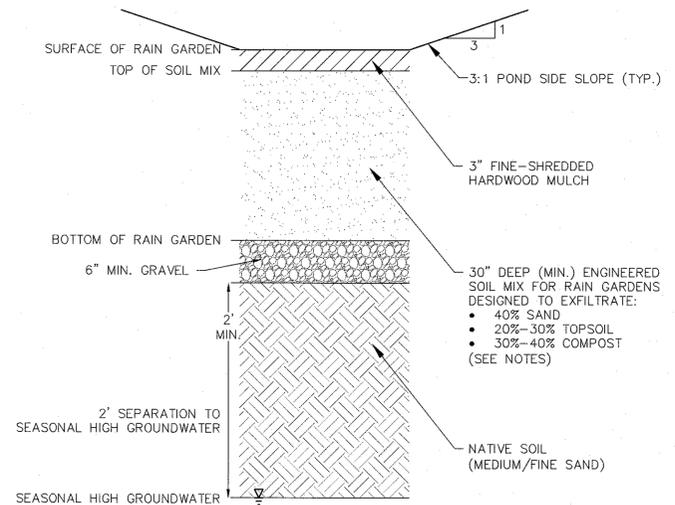
**RAIN GARDEN PLAN VIEW**  
N.T.S.



**EMERGENCY OVERFLOW SECTION**  
N.T.S.



**RAIN GARDEN CROSS-SECTION**  
N.T.S.



- NOTES:
1. DETAIL AND SPECIFICATIONS FROM THE MASSACHUSETTS STORMWATER HANDBOOK, VOLUME 2, CHAPTER 2, TREATMENT BMPs "BIORETENTION AREAS & RAIN GARDENS" GUIDELINE.
  2. THE ENGINEERED SOIL MIX MUST BE UNIFORM, FREE OF STONES, STUMPS, ROOTS, OR SIMILAR OBJECTS LARGER THAN 2". CLAY CONTENT: LESS THAN 5%. SOIL pH: 5.5-6.5. ORGANIC CONTENT: 1.5%-3%. SOLUBLE SALTS: 500 PPM (MAX.).
  3. THE SAND COMPONENT OF THE MIX SHALL BE GRAVELLY SAND THAT MEETS ASTM D 422 WITH THE FOLLOWING PERCENT PASSING (SIEVE SIZE): 100% (2-INCH), 70-100% (3/4-INCH), 50-80% (1/4-INCH), 15-40% (U.S. NO. 40), 0-3% (U.S. NO. 200).
  4. THE TOPSOIL COMPONENT SHALL BE A SANDY LOAM, LOAMY SAND, OR LOAM TEXTURE.
  5. THE COMPOST COMPONENT SHALL BE PROCESSED FROM YARD WASTE IN ACCORDANCE WITH MASSDEP GUIDELINES AND SHALL NOT CONTAIN BIOSOLIDS.
  6. SHGW: SEASONAL HIGH GROUNDWATER

**RAIN GARDEN SOIL DETAIL**  
N.T.S.



NO.	DATE	DESCRIPTION
1	7/12/2015	PEER REVIEW COMMENTS

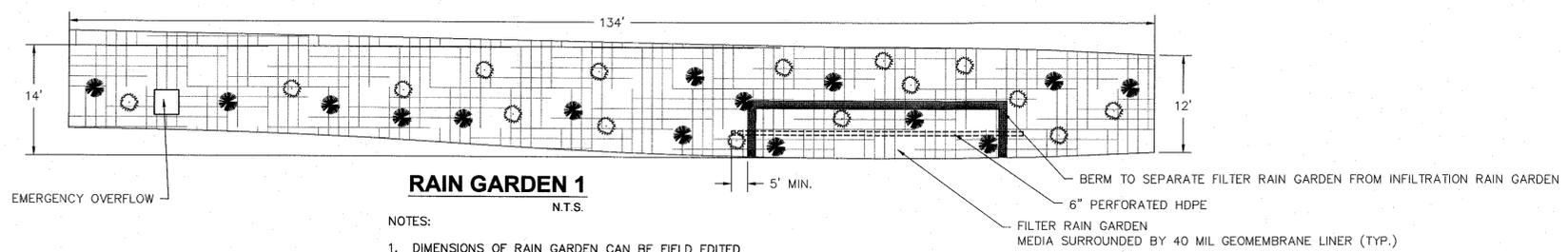
DEER HILL DEVELOPMENT, LLC  
P.O. BOX 250  
RAYNHAM, MA

FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MA 02035

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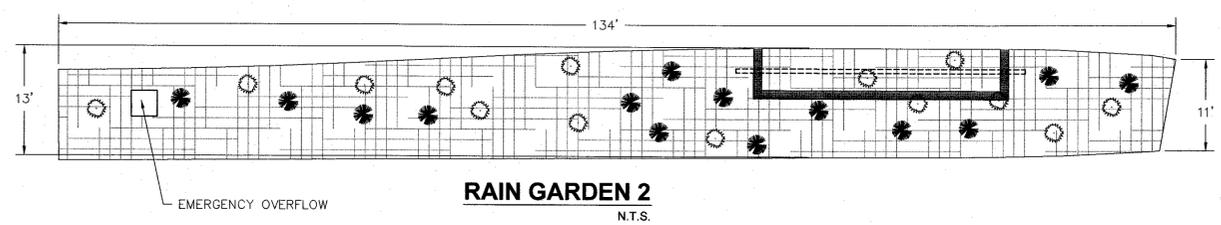
DATE: 10/30/2014  
DESIGNED: DJD CHECKED: DAH  
DRAFTED: DJD IN CHARGE: SMO  
SCALE: N.T.S.  
PROJECT NO.: 8001.0  
SHEET NO.: 20 OF 23





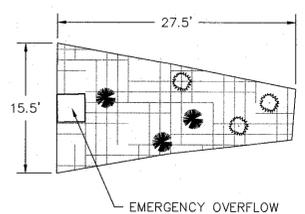
**NOTES:**

1. DIMENSIONS OF RAIN GARDEN CAN BE FIELD EDITED BUT MUST MAINTAIN A MINIMUM OF 1,517 SQ. FT.
2. VEGETATION SHOULD BE PLANTED AT 1 PLANT PER 50 S.F. OF RAIN GARDEN AREA AS PER MASSACHUSETTS STORMWATER REGULATIONS.
3. FILTER RAIN GARDEN TO BE CONSTRUCTED TO CONTAIN THE SAME AREA AND VOLUME AS THE ASSOCIATED FOREBAY.



**NOTES:**

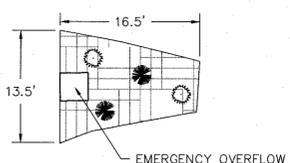
1. DIMENSIONS OF RAIN GARDEN CAN BE FIELD EDITED BUT MUST MAINTAIN A MINIMUM OF 1,392 SQ. FT.
2. VEGETATION SHOULD BE PLANTED AT 1 PLANT PER 50 S.F. OF RAIN GARDEN AREA AS PER MASSACHUSETTS STORMWATER REGULATIONS.
3. FILTER RAIN GARDEN TO BE CONSTRUCTED TO CONTAIN THE SAME AREA AND VOLUME AS THE ASSOCIATED FOREBAY.



**RAIN GARDEN 3**  
N.T.S.

**NOTES:**

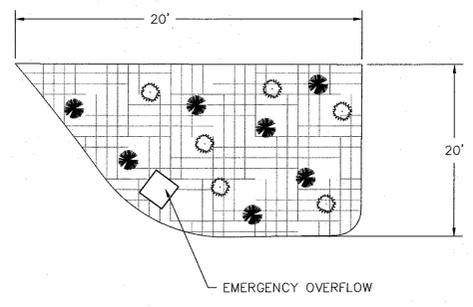
1. DIMENSIONS OF RAIN GARDEN CAN BE FIELD EDITED BUT MUST MAINTAIN A MINIMUM OF 294 SQ. FT.
2. VEGETATION SHOULD BE PLANTED AT 1 PLANT PER 50 S.F. OF RAIN GARDEN AREA AS PER MASSACHUSETTS STORMWATER REGULATIONS.
3. FILTER RAIN GARDEN TO BE CONSTRUCTED TO CONTAIN THE SAME AREA AND VOLUME AS THE ASSOCIATED FOREBAY.



**RAIN GARDEN 4**  
N.T.S.

**NOTES:**

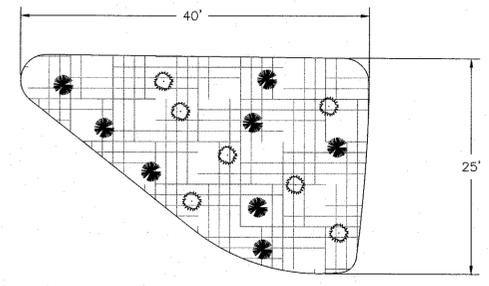
1. DIMENSIONS OF RAIN GARDEN CAN BE FIELD EDITED BUT MUST MAINTAIN A MINIMUM OF 154 SQ. FT.
2. VEGETATION SHOULD BE PLANTED AT 1 PLANT PER 50 S.F. OF RAIN GARDEN AREA AS PER MASSACHUSETTS STORMWATER REGULATIONS.
3. FILTER RAIN GARDEN TO BE CONSTRUCTED TO CONTAIN THE SAME AREA AND VOLUME AS THE ASSOCIATED FOREBAY.



**RAIN GARDEN 5**  
N.T.S.

**NOTES:**

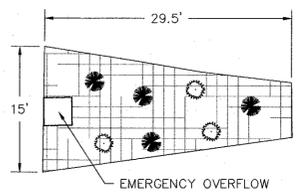
1. DIMENSIONS OF RAIN GARDEN CAN BE FIELD EDITED BUT MUST MAINTAIN A MINIMUM OF 653 SQ. FT.
2. VEGETATION SHOULD BE PLANTED AT 1 PLANT PER 50 S.F. OF RAIN GARDEN AREA AS PER MASSACHUSETTS STORMWATER REGULATIONS.
3. FILTER RAIN GARDEN TO BE CONSTRUCTED TO CONTAIN THE SAME AREA AND VOLUME AS THE ASSOCIATED FOREBAY.



**RAIN GARDEN 6**  
N.T.S.

**NOTES:**

1. DIMENSIONS OF RAIN GARDEN CAN BE FIELD EDITED BUT MUST MAINTAIN A MINIMUM OF 735 SQ. FT.
2. VEGETATION SHOULD BE PLANTED AT 1 PLANT PER 50 S.F. OF RAIN GARDEN AREA AS PER MASSACHUSETTS STORMWATER REGULATIONS.
3. FILTER RAIN GARDEN TO BE CONSTRUCTED TO CONTAIN THE SAME AREA AND VOLUME AS THE ASSOCIATED FOREBAY.



**RAIN GARDEN 7**  
N.T.S.

**NOTES:**

1. DIMENSIONS OF RAIN GARDEN CAN BE FIELD EDITED BUT MUST MAINTAIN A MINIMUM OF 306 SQ. FT.
2. VEGETATION SHOULD BE PLANTED AT 1 PLANT PER 50 S.F. OF RAIN GARDEN AREA AS PER MASSACHUSETTS STORMWATER REGULATIONS.
3. FILTER RAIN GARDEN TO BE CONSTRUCTED TO CONTAIN THE SAME AREA AND VOLUME AS THE ASSOCIATED FOREBAY.

REVISIONS		DR/CK	D/D/LEN	JEN/DAH
NO.	DATE	DESCRIPTION	PEER REVIEW COMMENTS	PEER REVIEW COMMENTS
1	2/12/2015			
2	3/27/2015			

PREPARED FOR: DEER HILL DEVELOPMENT, LLC  
P.O. BOX 250  
RAYNHAM, MA

PROJECT: FORGE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MA 02035

DATE: 10/30/2014

DESIGNED: DJD CHECKED: DAH

DRAFTED: DJD IN CHARGE: SMO

SCALE: N.T.S.

PROJECT NO. 8001.0

SHEET NO. 22 OF 23

PRELIMINARY SUBDIVISION DESIGN

DETAILS SHEET 4 OF 4

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NO.	DATE	DESCRIPTION
1	2/12/2015	PEER REVIEW COMMENTS
2	3/27/2015	PEER REVIEW COMMENTS

PREPARED FOR:  
DEER HILL DEVELOPMENT, LLC  
P.O. BOX 250  
RAYNHAM, MA

PROJECT:  
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204 EAST STREET  
FOXBOROUGH, MA 02035

DATE: 10/30/2014

DESIGNED: DJD CHECKED: DAH

DRAFTED: DJD IN CHARGE: SMO

SCALE: N.T.S.

PROJECT NO. 8001.0

SHEET NO. 23 OF 23

PREPARED BY:  
DAVID A. HARRINGTON  
CIVIL ENGINEER  
No. 9752  
State of Massachusetts

PROJECT:  
FORCE ESTATES OF FOXBOROUGH  
204 EAST STREET  
FOXBOROUGH, MA 02035

DATE: 10/30/2014

DESIGNED: DJD CHECKED: DAH

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SCALE: N.T.S.

PROJECT NO. 8001.0

SHEET NO. 23 OF 23

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DATE: 10/30/2014

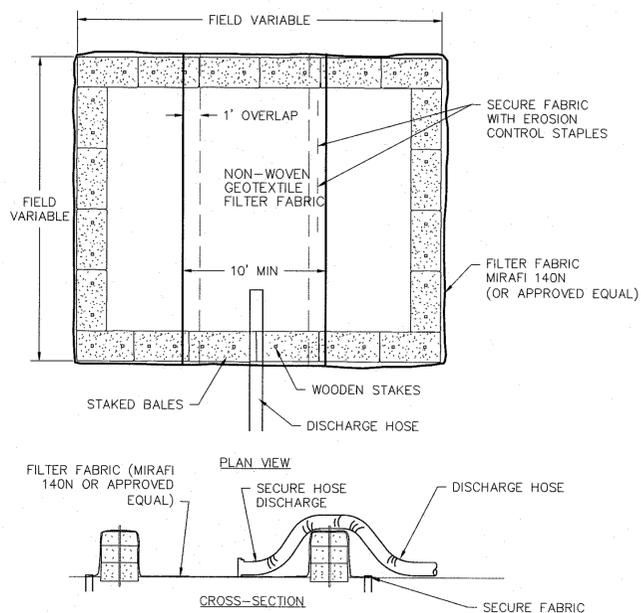
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DRAFTED: DJD IN CHARGE: SMO

SCALE: N.T.S.

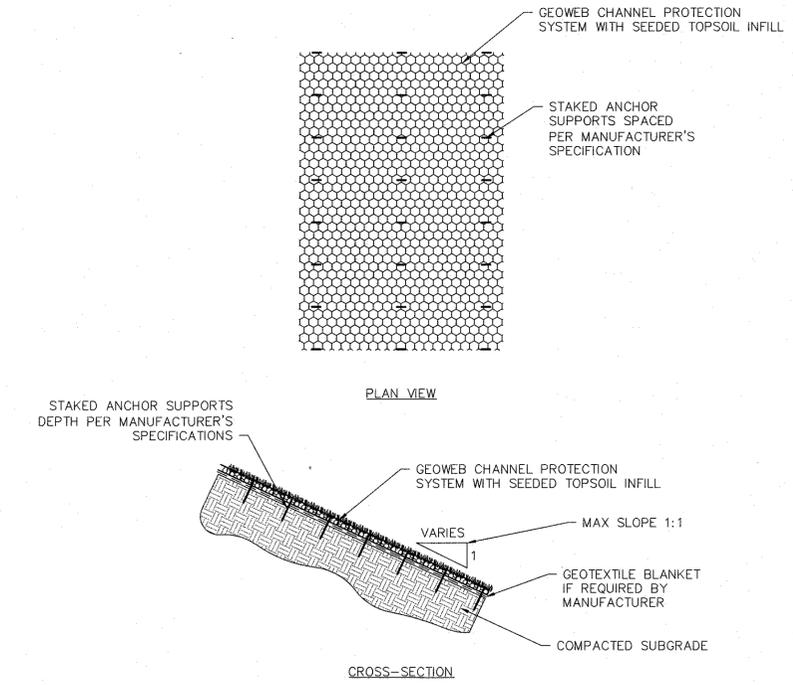
PROJECT NO. 8001.0

SHEET NO. 23 OF 23

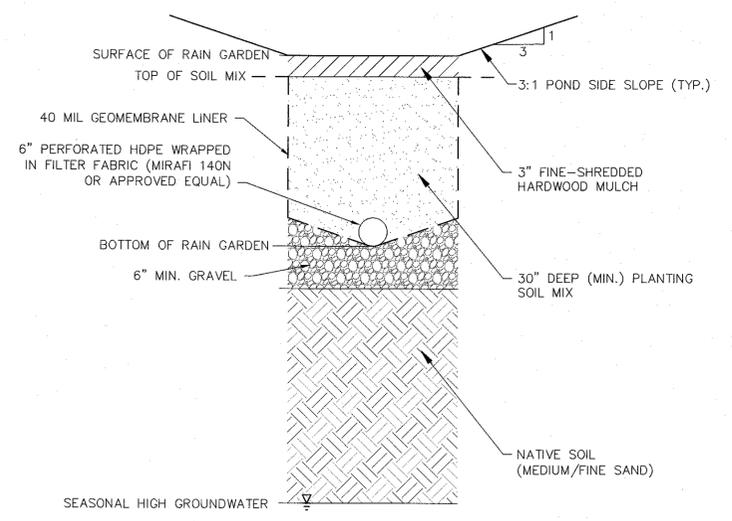


- NOTES:
1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
  2. THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.
  3. KEEP AS FAR FROM WETLANDS AS PRACTICAL.
  4. CLEAN AND REMOVE AS SOON AS DEWATERING IS COMPLETE.

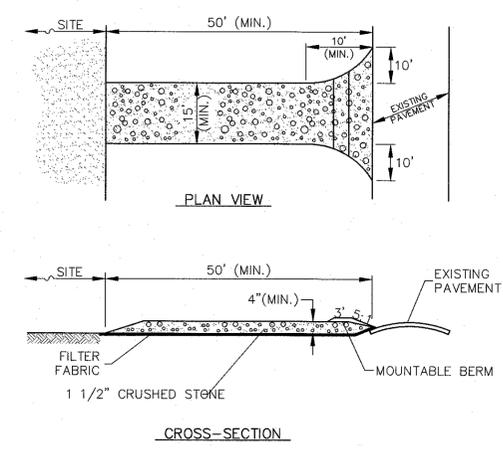
**DEWATERING HAYBALE BASIN**  
N.T.S.



**GEOWEB VEGETATED SLOPE PROTECTION**  
N.T.S.

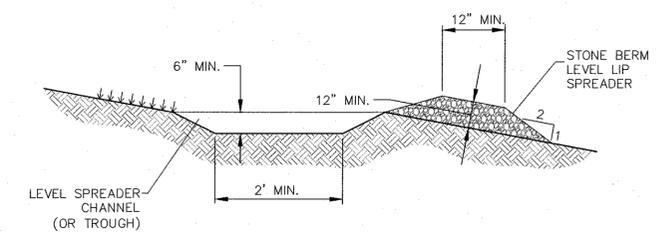


**FILTER RAIN GARDEN**  
N.T.S.



- NOTES:
1. ENTRANCE WIDTH SHALL BE A FIFTEEN (15) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO REAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED.
  3. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.

**STABILIZED CONSTRUCTION EXIT**  
N.T.S.



- NOTES:
1. DETAIL WAS CREATED BASED ON STONE BERM LEVEL SPREADER DETAIL FROM NEW HAMPSHIRE STORMWATER MANUAL.
  2. LEVEL SPREADERS SHALL BE CONSTRUCTED AT A ZERO PERCENT GRADE ALONG THE LENGTH OF THE DISCHARGE LIP. FLOW MUST DISCHARGE UNIFORMLY ALONG THE LENGTH OF THE SPREADER.
  3. THE SPREADER SHALL DISCHARGE ONTO A WELL STABILIZED RECEIVING AREA (PREFERABLY UNDISTURBED VEGETATION) TO PREVENT EROSION.

FROM NEW HAMPSHIRE STORMWATER MANUAL  
TABLE 4-13. GRADATION OF STONE FOR LEVEL SPREADER BERM

SIEVE DESIGNATION	PERCENT BY WEIGHT PASSING SQUARE MESH SIEVE
12-INCH	100%
6-INCH	84% - 100%
3-INCH	68% - 83%
1-INCH	42% - 55%
NO. 4	8% - 12%

**LEVEL SPREADER**  
N.T.S.