PROJECT LEGEND ABUTTERS PROPERTY LINE VEGETATED WETLAND (BVW) EXISTING 50 FT BUFFER ZONE TO BVW EXISTING 100 FT BUFFER ZONE TO BVW EXISTING 200 RIVERFRONT EXISTING STRUCTURE EXISTING CONTOUR EXISTING WATER EXISTING HYDRANT |---**}**; EXISTING GATE VALVE EXISTING TREE LINE TP 28 P4 🛛 PERCOLATION TEST EXISTING RETAINING WALL PROPOSED PROPERTY LINE PROPOSED BUILDING SETBAC PROPOSED CENTERLINE PROPOSED PAVEMENT PROPOSED CONTOUR PROPOSED SPOT GRADE PROPOSED SPOT GRADE (T.O.W. / B.O.W.) PROPOSED ROCK RIP-RAF PROPOSED RETAINING WALL PROPOSED HAYBALES & SILT PROPOSED TIMBER GUARDRAIL PROPOSED WATER MYMMYMM PROPOSED TREE LINE EXISTING 20% SLOPES EXISTING WILDLIFE / RARE PROPOSED TRAIL "A" & "B"

WAIVERS TO SUBDIVISION RULES AND REGULATIONS FRANTED BY THE PLANNING BOARD

- 1. TO ALLOW THE LOTTING PLAN TO BE AT 50 SCALE RATHER THAN 40 SCALE SO THE ENTIRE PROJECT CAN BE SHOWN ON ONE SHEET.
- 2. TO ALLOW THE 1988 NAVO DATUM SYSTEM TO BE USED RATHER THAN THE 1929 SYSTEM SECTION 3.3.3.1.5.
- 3. TO ALLOW THE DIMENSIONAL CRITERIA OF LOTS TO BE SHOWN AT AN ACCURACY OF TWO DECIMAL PLACES RATHER THAN 3. SECTION
- 4. TO ALLOW STREET BOUNDS TO BE LOCATED AT POINTS OF CURVATURE OF THE ROAD AS DIRECTED BY THE PLANNING BOARD. SECTION
- 5. TO ALLOW NO MODIFIED CAPE COD BERM SECTION 4.2.5.1
- 6. TO ALLOW A ROADWAY WIDTH OF 16 FEET TO BE USED FOR OVERLAYING THE EXISTING SULLIVANS COURT AND THE NEW ROADWAY EXTENSION: SECJION 4.2.6.3
- 7. TO ALLOW THE TANKELLED WIDTH OF THE EXISTING SULLIVANS COURT AND THE NEW SECTION OF SULLIVANS COURT TO HAVE A TRAVELLED WIDTH OF 16 FEET SECTION 4.2.6.3.
- 8. TO ALLOW THE EXTENSION OF A DEAD END STREET. SECTION 4.2.8.1.
- 9. TO ALLOW A MODIFIED CIRCULAR TURNAROUND AT THE END OF NEW SULLIVANS COURT THE PAVEMENT WIDTH ON THE CUL-DE-SAC SHALI BE 16' FEET AS SHOWN ON THE APPROVED PLANS. SECTION 4.2.8.2.

PARCEL ID: R-11-17

32 WHETSTONE STREET

PARCEL ID: R-11-18A

34 WHETSTONE STREET

PARCEL ID: R-11-18B

36 WHETSTONE STREET

PARCEL ID: R-11-18D

WHETSTONE STREET

SUSAN & BRIAN RICHARD

(BOOK 27777 PAGE 313)

SUSAN & BRIAN RICHARD

(BOOK 13872 PAGE 328)

BRIAN & KERRY CARIFIO

(BOOK 13872 PAGE 329)

(BOOK 12458 PAGE 178)

JANES T ADELAIDE LIVING TRUST

JANES T ADELAIDE (TRUSTEE)

PARCEL ID: R-11-16

PARCEL ID: R-11-18C

3 SULLIVANS COURT

PARCEL ID: R-11-18

18 SULLIVANS COURT

STEPHEN J. GALLIGAN

18 RIVER MEADOW DRIVE

(BOOK 10857 PAGE 229)

(BOOK 14173 PAGE 559)

PARCEL ID: R-11-59 & 83C

(BOOK 15939 PAGE 403)

(BOOK 15939 PAGE 403)

MARY P. & VINCENT P. SULLIVAN

K. COFFIN, J. SANTOS & LF BEARD

DEBRA C. GREEN

JAY J. SOUCEY

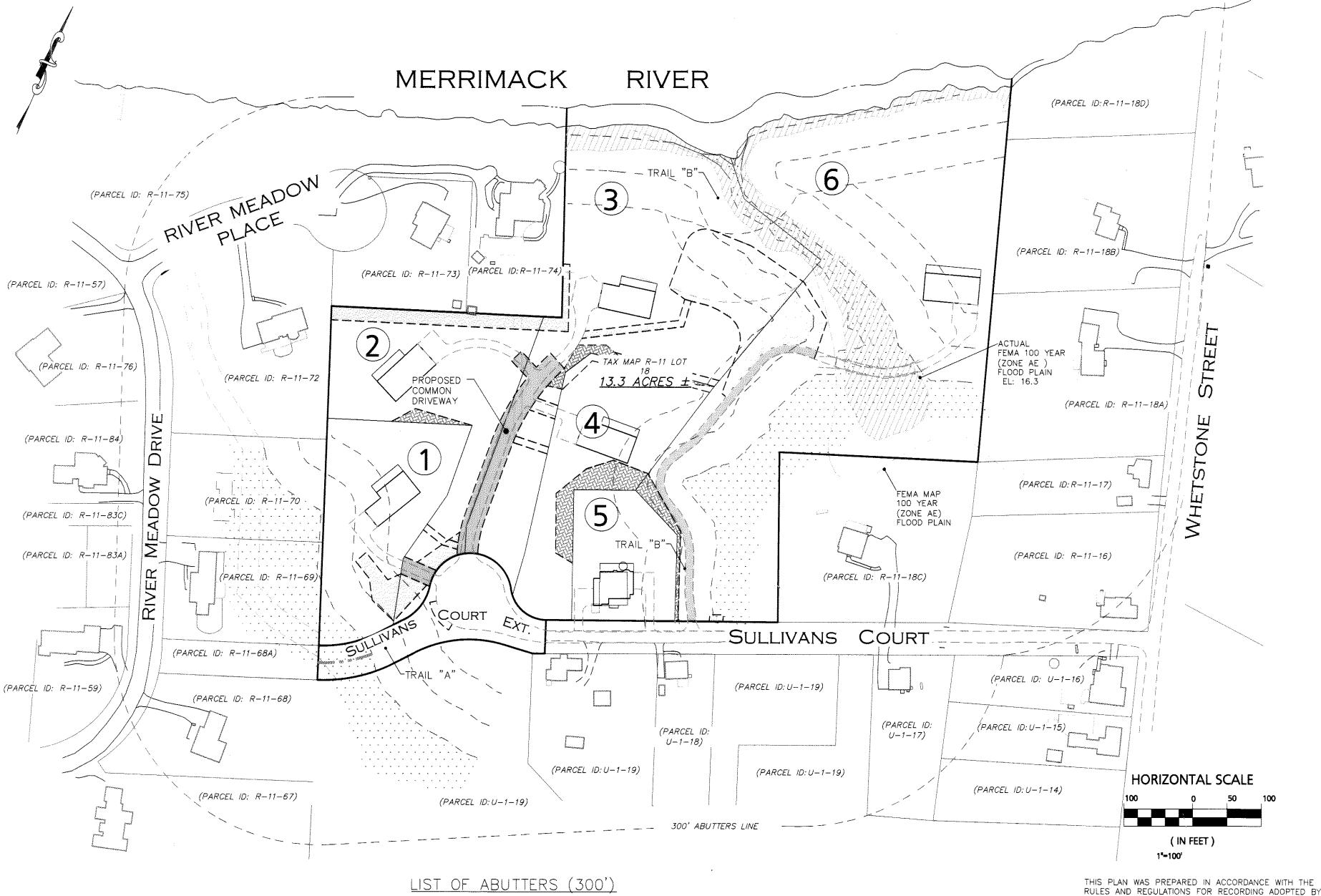
1 SULLIVANS COURT

- 10. TO ALLOW NO SCHWALKS. SECTION 4.3.1.1 AND 4.3.1.2 (NONE ARE REQUIRED FOR MINOR LOCAL ACCESS ROADS, SEE TABLE).
- 11. TO ALLOW THE USE OF HIGH DENSITY POLYETHYLENE PIPE (HDPE) IN PLACE OF REINFORCED CONCRETE PIPE FOR DRAINAGE PURPOSES.
- 12. TO ALLOW FOR NO STREET LIGHTS TO BE INSTALLED ALONG SULLIVANS COURT. SECTION 4.7.2
- 13. TO ALLOW STREET TREES TO BE INSTALLED IN LOCATIONS AS DIRECTED BY THE PLANNING BOARD ALONG EXISTING SULLIVANS COURT, NEW SULLIVANS COURT AND ALONG THE COMMON DRIVEWAY. SECTION 5.7.
- 14. TO ALLOW A ROADWAY AND COMMON DRIVEWAY TO BE BUILT WITH A CROSS SECTION AS SHOWN ON THE PLANS. SECTION 5.2.1.4 AND

DEFINITIVE SUBDIVISION PLAN OF SULLIVANS COURT EXTENSION AKA

ESTATE HOMES AT RIVER'S EDGE

(TAX MAP R-11 - LOT 18) WEST NEWBURY, MA



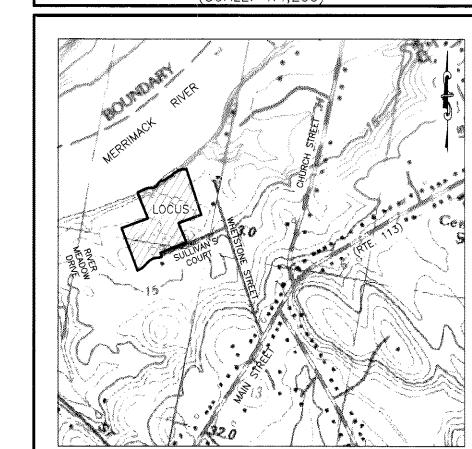
THE REGISTERS OF DEEDS IN 1978 AND AMENDED



PARCEL ID: U-1-18 MICHAEL D. SHERBURNE 14 SULLIVANS COURT RIVER MEADOWS DRIVE(31103-1) PARCEL ID: U-1-19

MARY P. & VINCENT P. SULLIVAN K. COFFIN, J. SANTOS & LF BEARD 18 SÜLLIVANS COURT (BOOK 14173 PAGE 559)

LOCUS MAP



PROJECT NOTES: PROPERTY LOCATION: SULLIVAN COURT (TAX MAP R-11 / LOT 18) WEST NEWBURY, MA 01985 1. DEED: ESSEX SOUTH REGISTRY OF DEEDS BOOK 14173 / PAGE 559 RESIDENCE C (RES C)

3. USE: RESIDENTIAL SUBDIVISION K. COFFIN, PJ SANTOS & LF P.O. BOX 31 WEST NEWBURY, MA 01985

5. PROJECT CIVIL ENGINEER: 10 VALLEY VIEW WAY METHUEN, MA 01844 E-MAIL: THOMASENEVE@GMAIL.COM 6. PROJECT LAND SURVEYOR: THOMAS E. NEVE, RLS

10 VALLEY VIEW WAY

TEL: (603) 275-5369

METHUEN, MA. 01844 E-MAIL: THOMASENEVE@GMAIL.COM 7. ENGINEERING CONSULTANT: CIVIL DESIGN CONSULTANTS INC. METHUEN, MA. 01844

8. EVIRONMENTAL CONSULTANT: WILLIAMS & SPARAGES

CONTENT REQUIREMENTS OF TOWN OF WEST NEWBURY ZONING BYLAW (APRIL 12, 2013), SECTION 7.D. OF THE ZONING BYLAW REGARDING FRONTAGE EXCEPTION LOTS / COMMON DRIVEWAY SPECIAL PERMITS AND THE TOWN OF WEST NEWBURY SUBDIVISION RULES AND REGULATIONS, REVISED THROUGH DECEMBER 21, 2010.

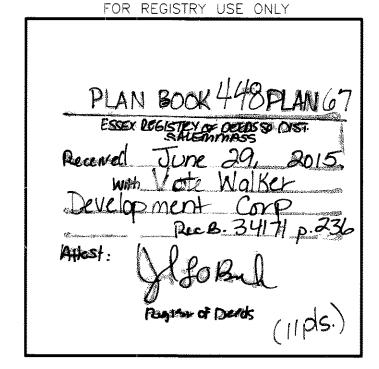
10. PLAN INDEX:

C-1 COVER SHEET 03/31/15 C-2 EXISTING CONDITIONS PLAN 03/31/15 C-3 LOTTING PLAN 03/31/15 C-4 SULLIVAN'S COURT ROADWAY & PROFILE PLAN C-5 COMMON DRIVEWAY PLAN & PROFILE 03/31/15 C-6 GRADING & EROSION CONTROL PLAN 03/31/15 C-7 CROSSING, INFILTRATION POND AND REPLICATION AREA C-8 EASEMENT PLAN 03/31/15 D-1 CONSTRUCTION DETAILS 03/31/15 D-2 CONSTRUCTION DETAILS 03/31/15 D-3 CONSTRUCTION DETAILS 03/31/15

11. SEE THE FORM I, APPROVAL WITH COVENANT CONTRACT,

- RECORDED HEREWITH. 12. SEE DECLARATION OF DRIVEWAY, ACCESS AND UTILITY EASEMENT AND COMMON DRIVEWAY MAINTENANCE COVENANT RECORDED HEREWITH.
- 13. SEE CERTIFICATE OF VOTE DATED APRIL 21, 2015, RECORDED HEREWITH FOR DEFINITIVE SUBDIVISION APPROVAL.

14. SEE CERTIFICATE OF VOTE DATED APRIL 21, 2015 FOR COMMON DRIVEWAY AND REDUCED FRONTAGE LOTS, RECORDED HEREWITH.



REVISED TO: JUNE 8, 2015

APPROVED BY THE **WEST NEWBURY** PLANNING BOARD

June 16, 2015

ECEIVED NO NOTICE OF ANY and PM CARNO OWN OF WEST NEWBURY

DATE: June 16, 2015

06/08/15 | REVISED PER 04/21/15 P.B. DECISION REVISED TO ADDRESS

REVIEW COMMENTS REVISED TO ADDRESS **REVIEW COMMENTS** DESCRIPTION

PREPARED FOR: (APPLICANT)

REVISIONS

WALKER DEVELOPMENT, CORP

447 OLD BOSTON ROAD (U.S RTE. 1 TOPSFIELD, MA. 01983 PROJECT:

DEFINITIVE SUBDIVISION PLAN (TAX MAP R-11/LOT 18)

WEST NEWBURY, MA DATE ISSUED: OCTOBER 9, 2014

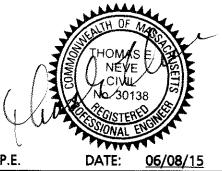
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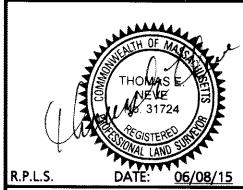
PREPARED BY: THOMAS E. NEVE, P.E

PREPARED BY:

THOMAS E. NEVE REGISTERED PROFESSIONAL ENGINEER REGISTERED PROFESSIONAL LAND

10 VALLEY VIEW WAY METHUEN, MA. 01944 EMAIL: THOMASENEVE@GMAIL.COM





DRAWING TITLE:

COVER SHEET

DRAWING #:

LIST OF ABUTTERS (300') (PARCEL ID: = MAP, BLOCK, LOT)

PARCEL ID: R-11-67 PETER KEVIN & CAROLINE WATTS COLLINS 17 RIVER MEADOW DRIVE (BOOK 214989 PAGE 55)

CHERLY A. & NICHOLAS E. GRANT 19 RIVER MEADOW DRIVE (BOOK 127746 PAGE 351) PARCEL ID: R-11-68A THE TOWN OF WEST NEWBURY

381 MAIN STREET

(31103-1)

(BOOK 11364 PAGE 179) PARCEL ID: R-11-69 THE BRIN FAMILY TRUST DAVID S. & ERIN M. BRIN (TRUSTEES) 21 RIVER MEADOW DRIVE

PARCEL ID: R-11-70 THE TOWN OF WEST NEWBURY 381 MAIN STREET (BOOK 23418 PAGE 19) PARCEL ID: R-11-72 ROBERT L. & DEBORAH L. TURUNEN

31 RIVER MEADOW DRIVE (BOOK 13683 PAGE 487) PARCEL ID: R-11-73 JANET A. & THOMAS M. HORGAN 33 RIVER MEADOW PLACE (BOOK12709 PAGE 497)

PARCEL ID: R-11-74 SHEREE I. & HOWARD HILL 32 RIVER MEADOW DRIVE (BOOK 22276 PAGE 292) (31103-1)

PARCEL ID: R-11-75 THE TOWN OF WEST NEWBURY RIVER MEADOW DRIVE (BOOK 11364 PAGE 179) PARCEL ID: R-11-76 MICHELE IL. & JAMES ARNETTE

24 RIVER MEADOW DRIVE (28807-30)PARCEL ID: R-11-84 LISA & BRIAN SHEA 22 RIVER MEADOW DRIVE (BOOK 11311 PAGE 422) PARCEL ID: R-11-83A THE BRIN FAMILY TRUST

DAVID S. & ERIN M. BRIN (TRUSTEES) RIVER MEADOW DRIVE (UNDEV.)

(32323-156)PARCEL ID: U-1-16 SHERYL L. WILLIAM C. LASALA 28 WHETSTONE STREET (BOOK 5779 PAGE 761)

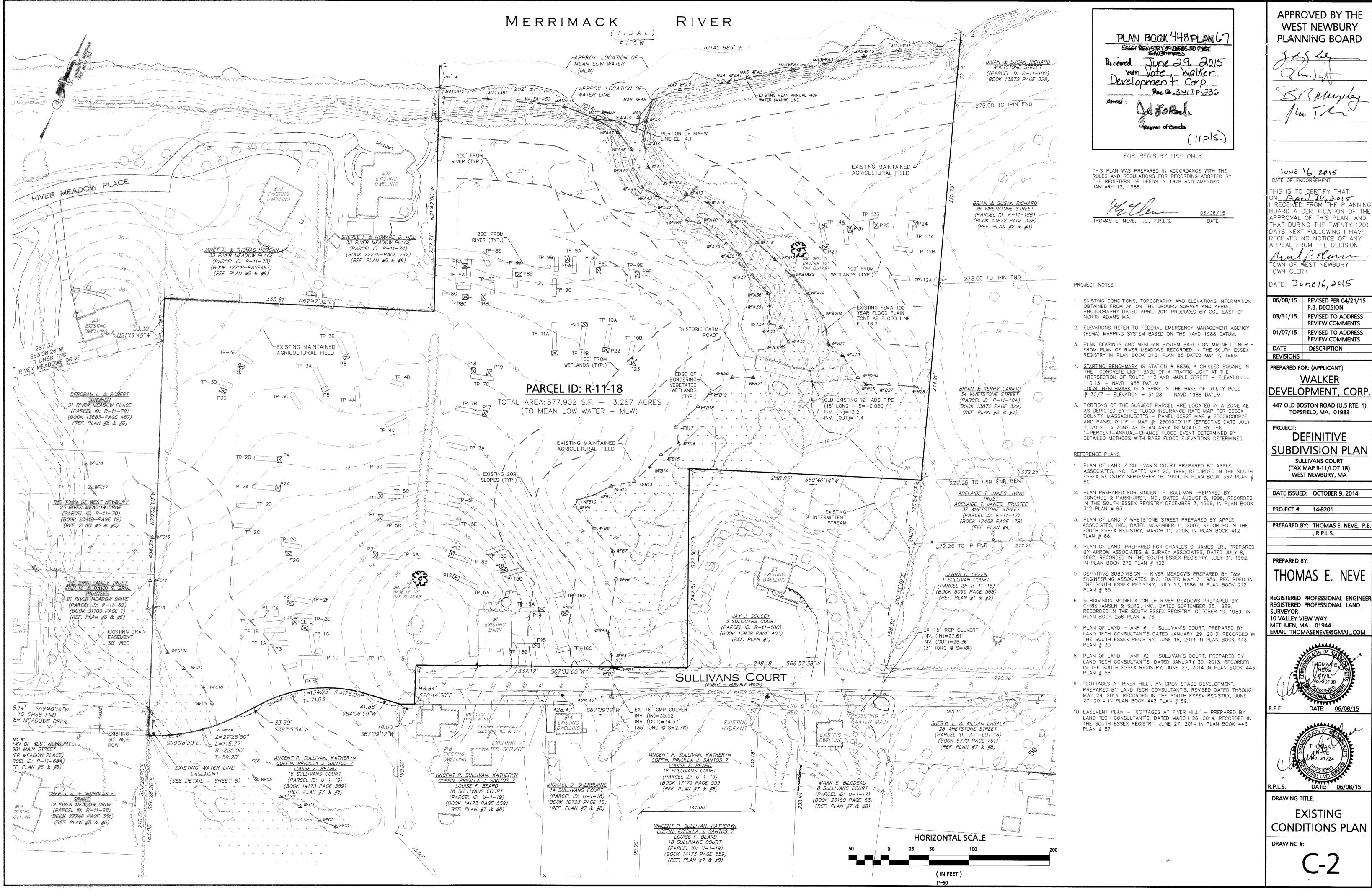
26 WHETSTONE STREET

PARCEL ID: U-1-17

MARK E. BILODEAU

8 SULLIVANS COURT

(BOOK 26160 PAGE 53)



WEST NEWBURY PLANNING BOARD

06/08/15 REVISED PER 04/21/15 REVISED TO ADDRESS **REVIEW COMMENTS** REVISED TO ADDRESS **REVIEW COMMENTS**

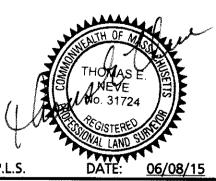
DEVELOPMENT, CORP

447 OLD BOSTON ROAD (U.S RTE. 1)

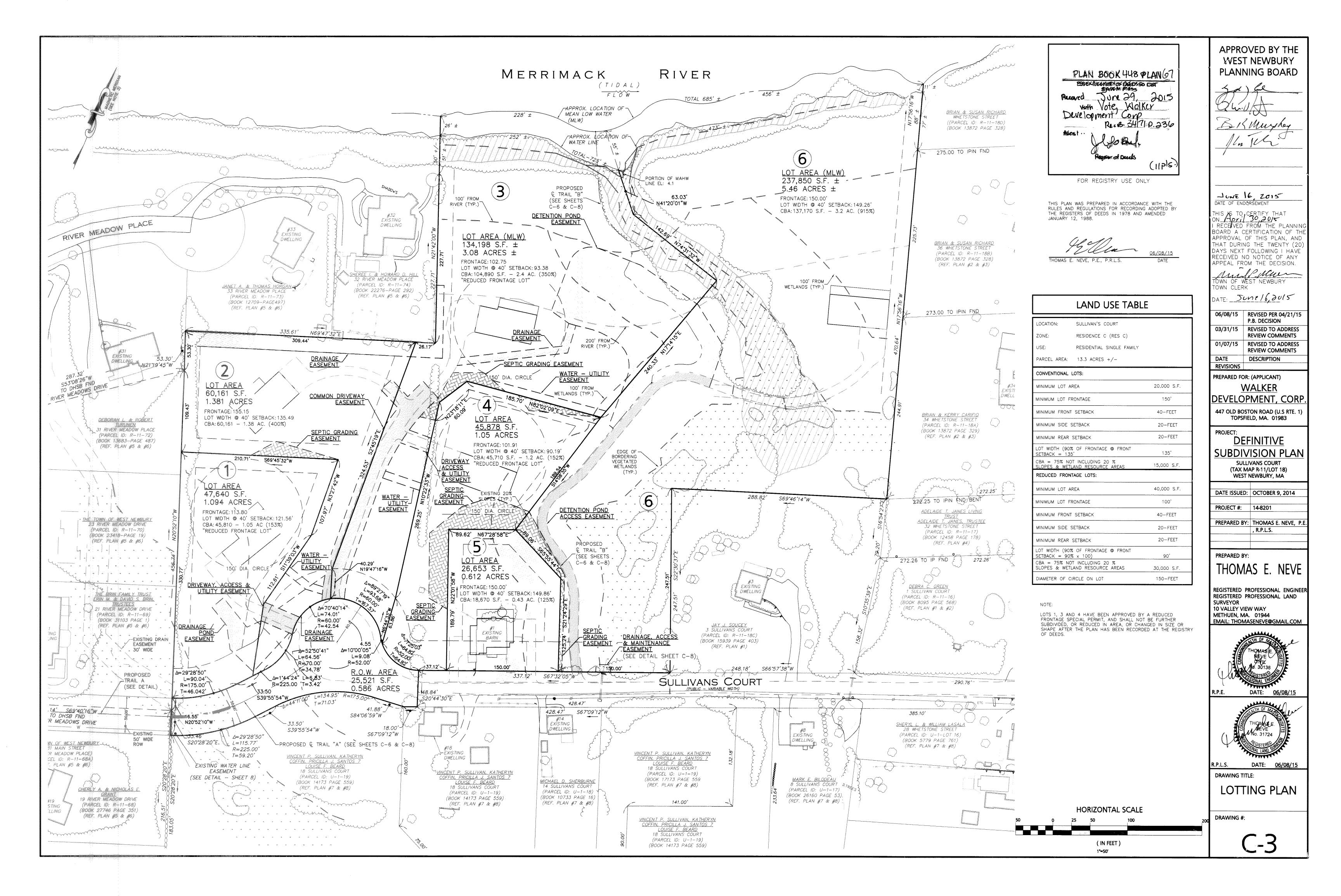
SUBDIVISION PLAN

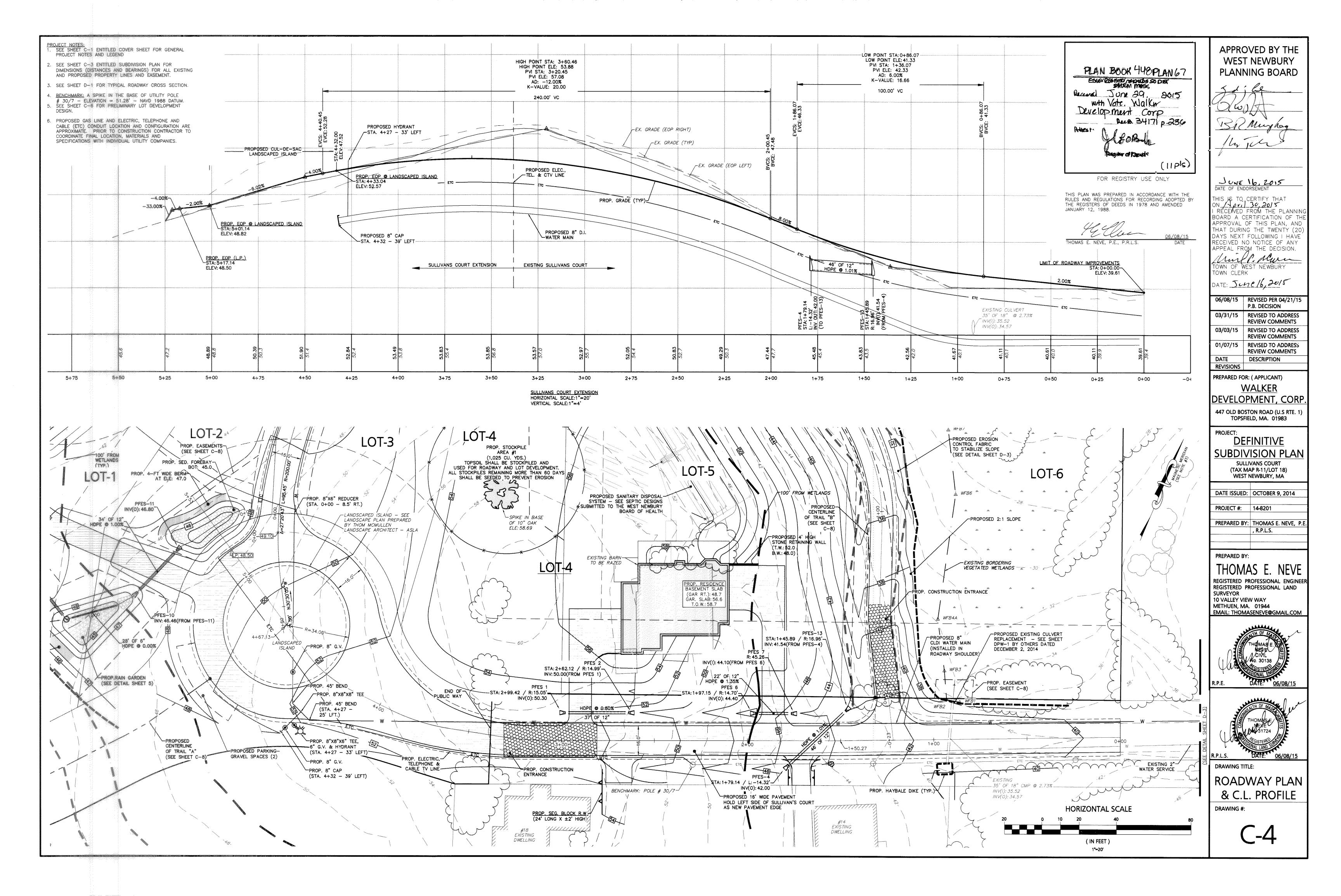
THOMAS E. NEVE

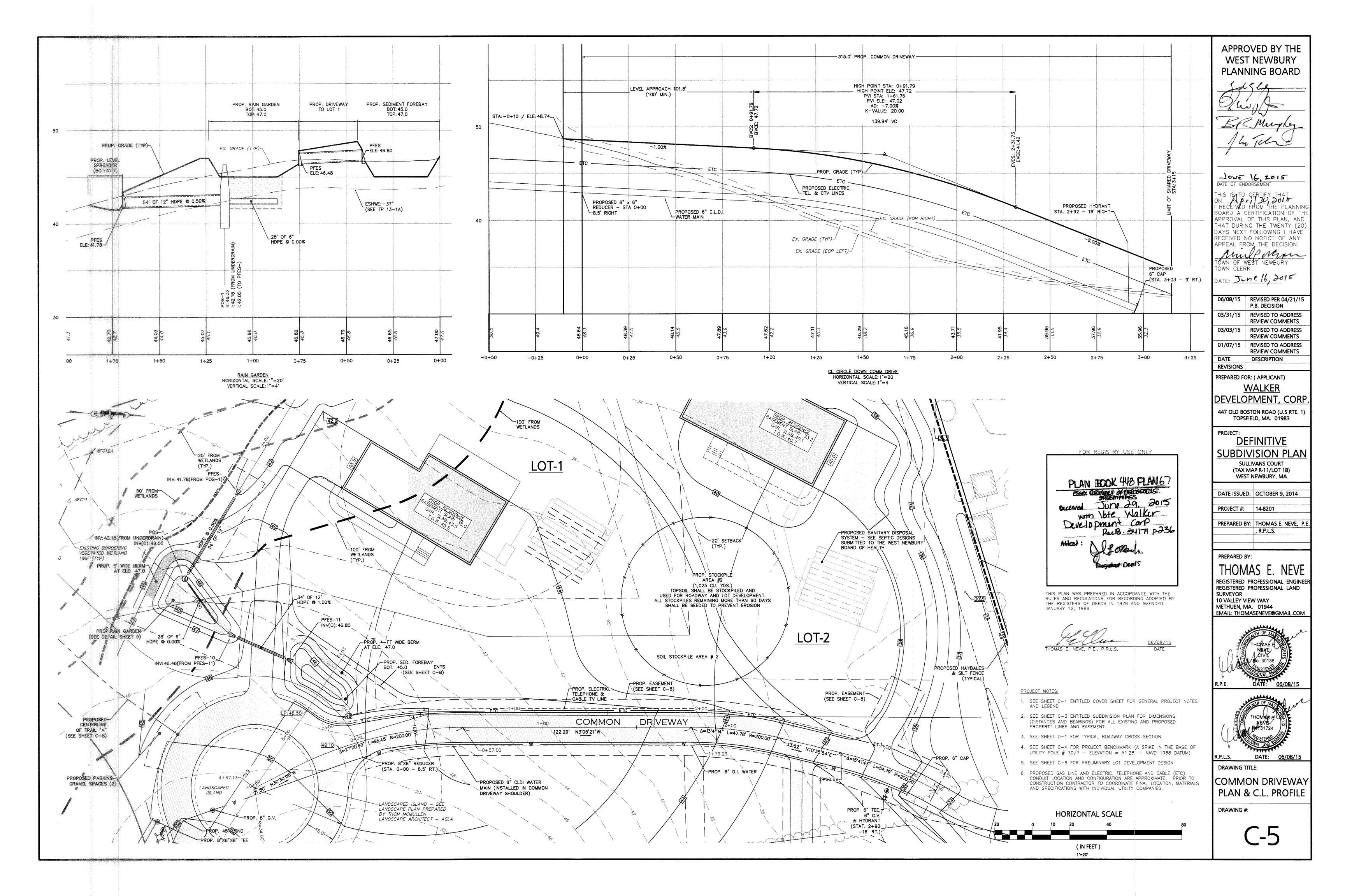
MAIL: THOMASENEVE@GMAIL.COM DATE: <u>06/08/15</u>

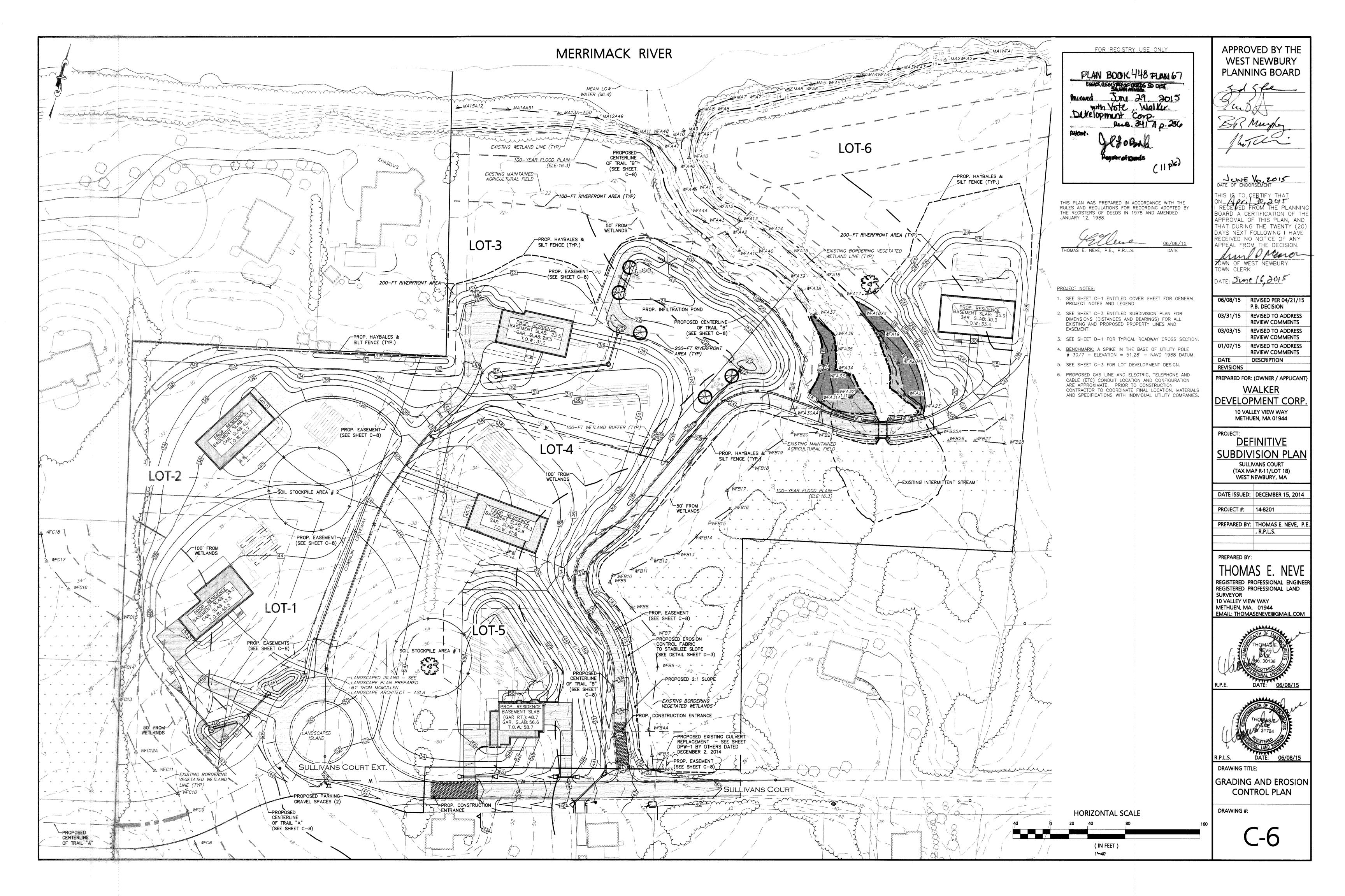


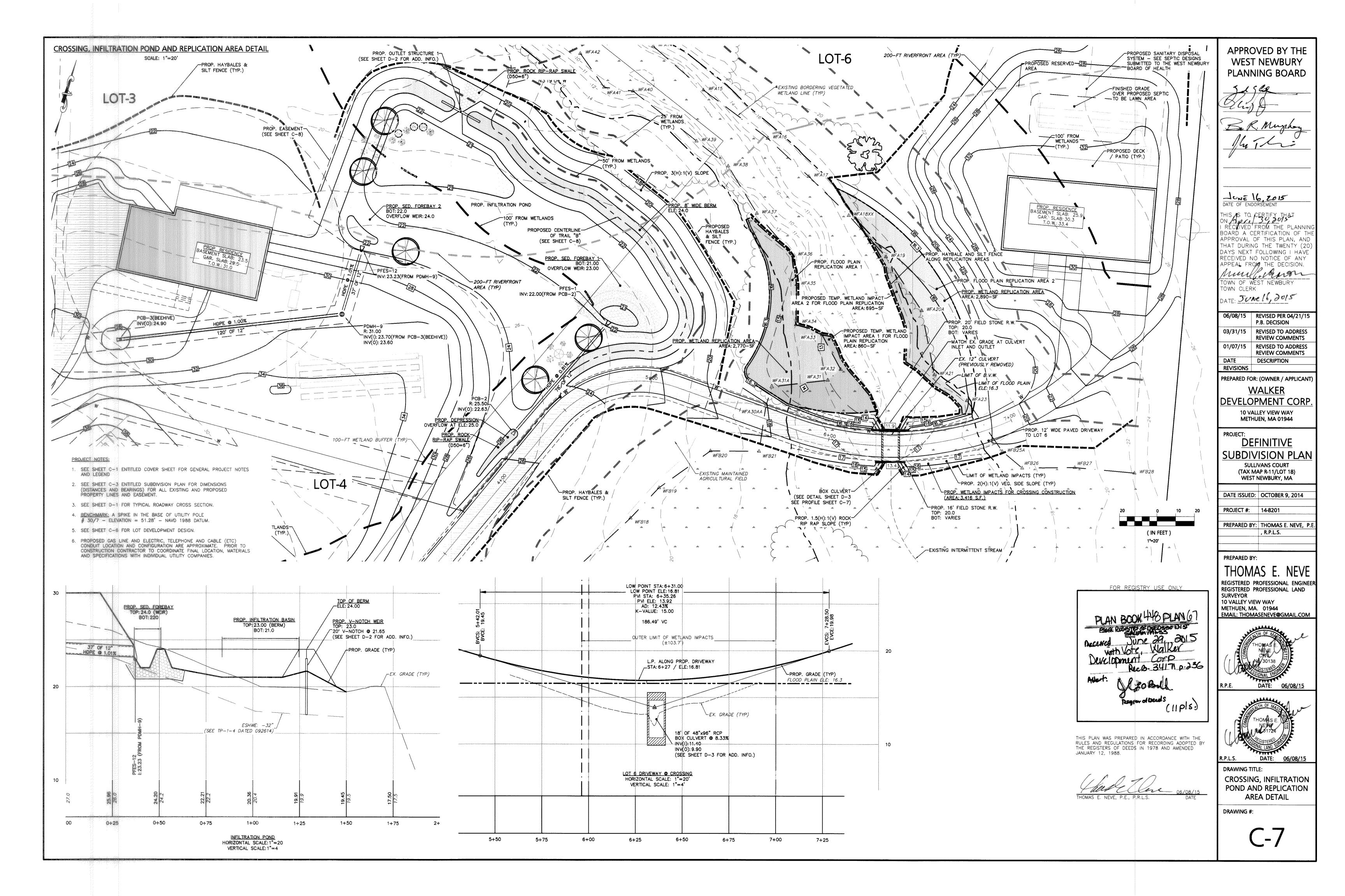
CONDITIONS PLAN

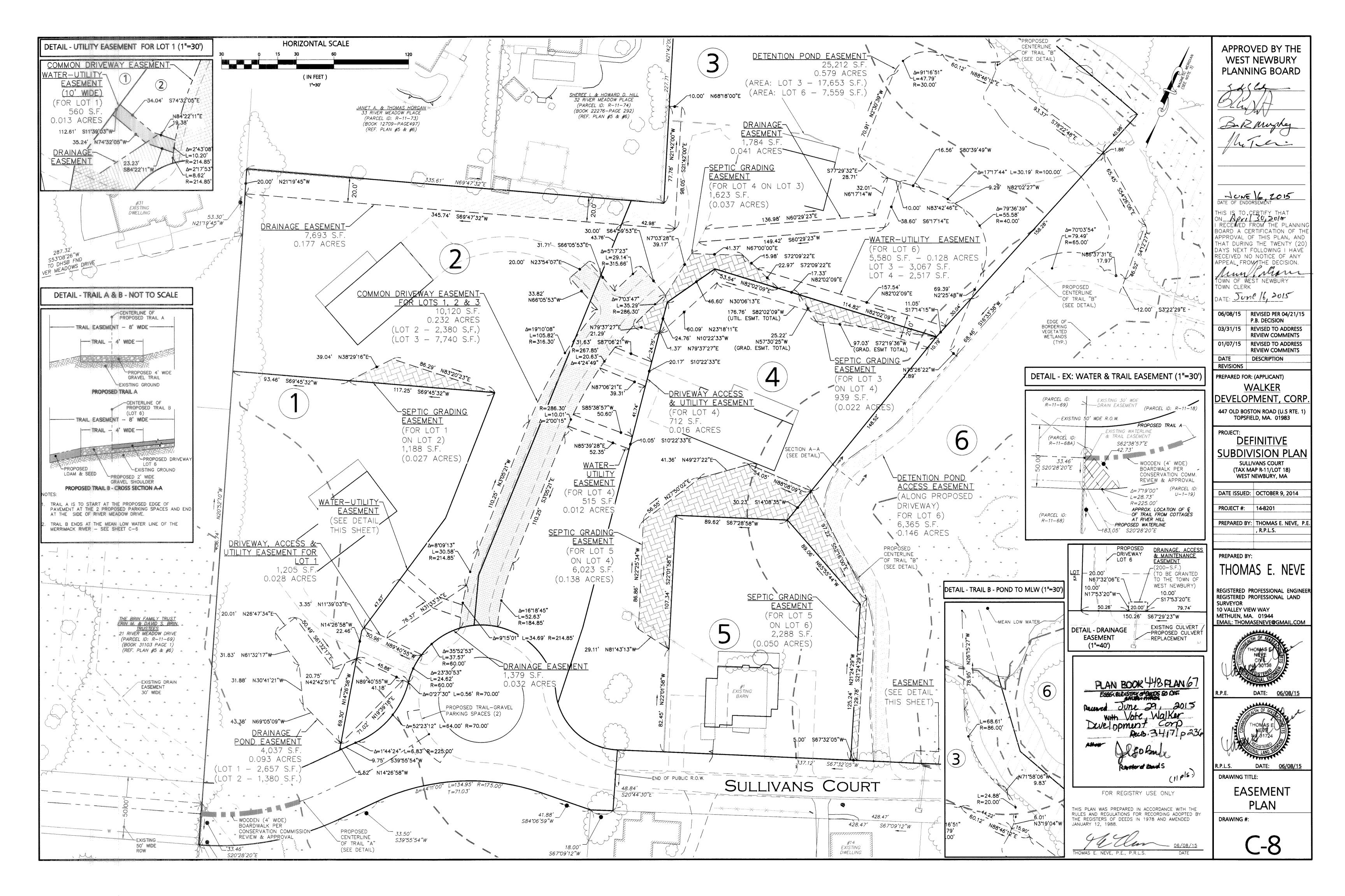


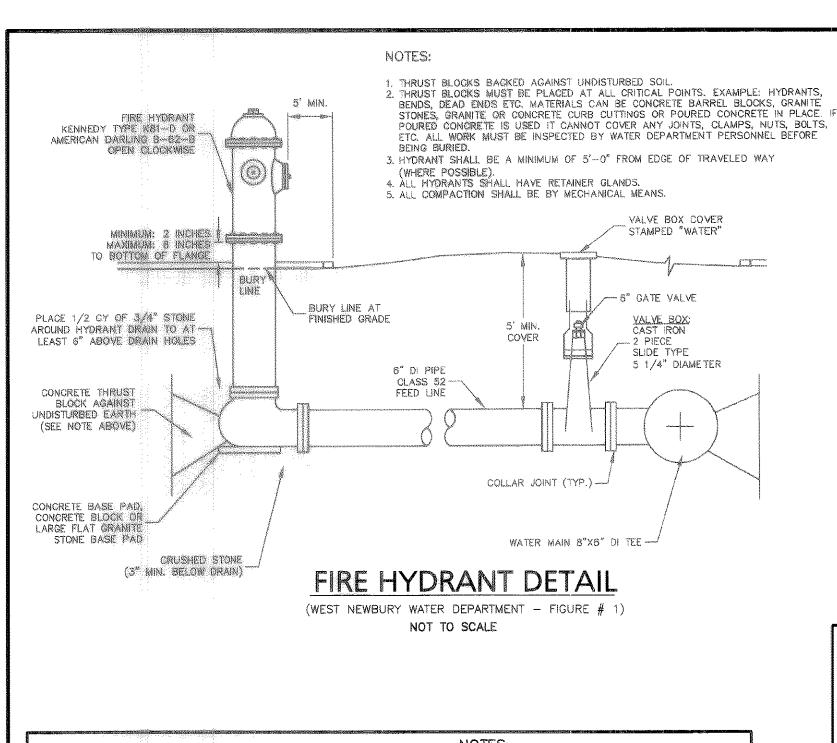


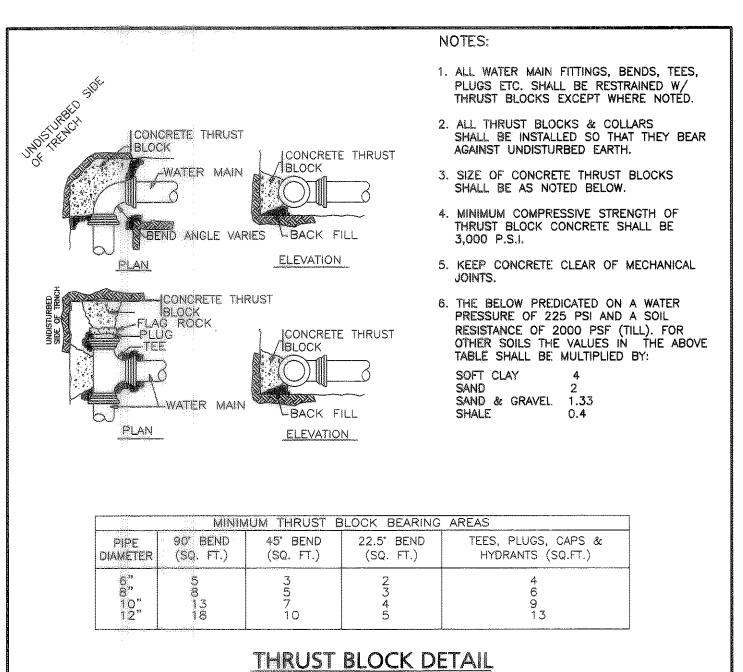




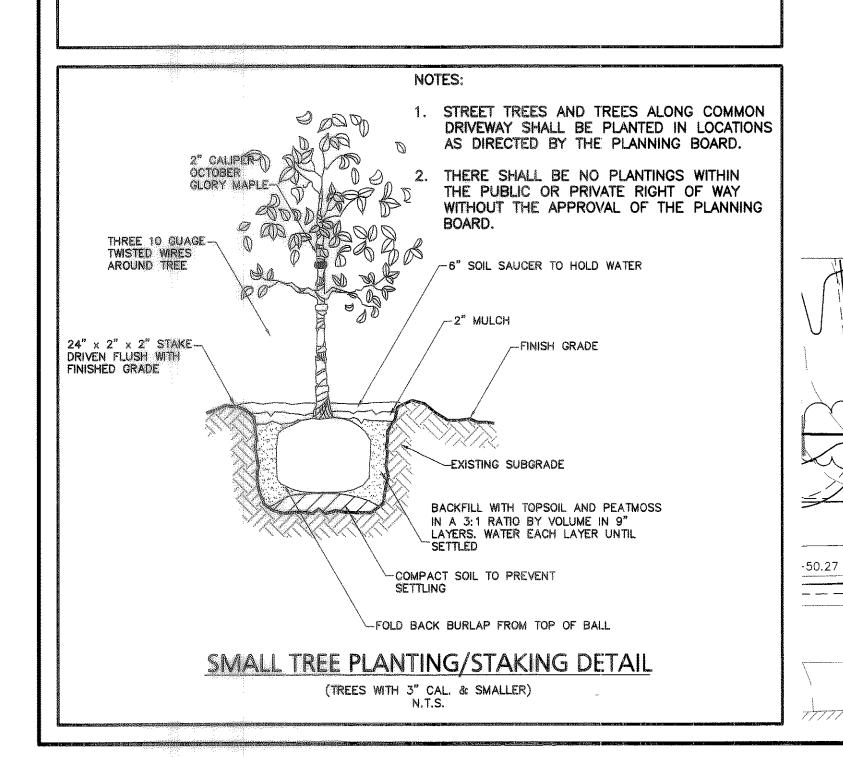


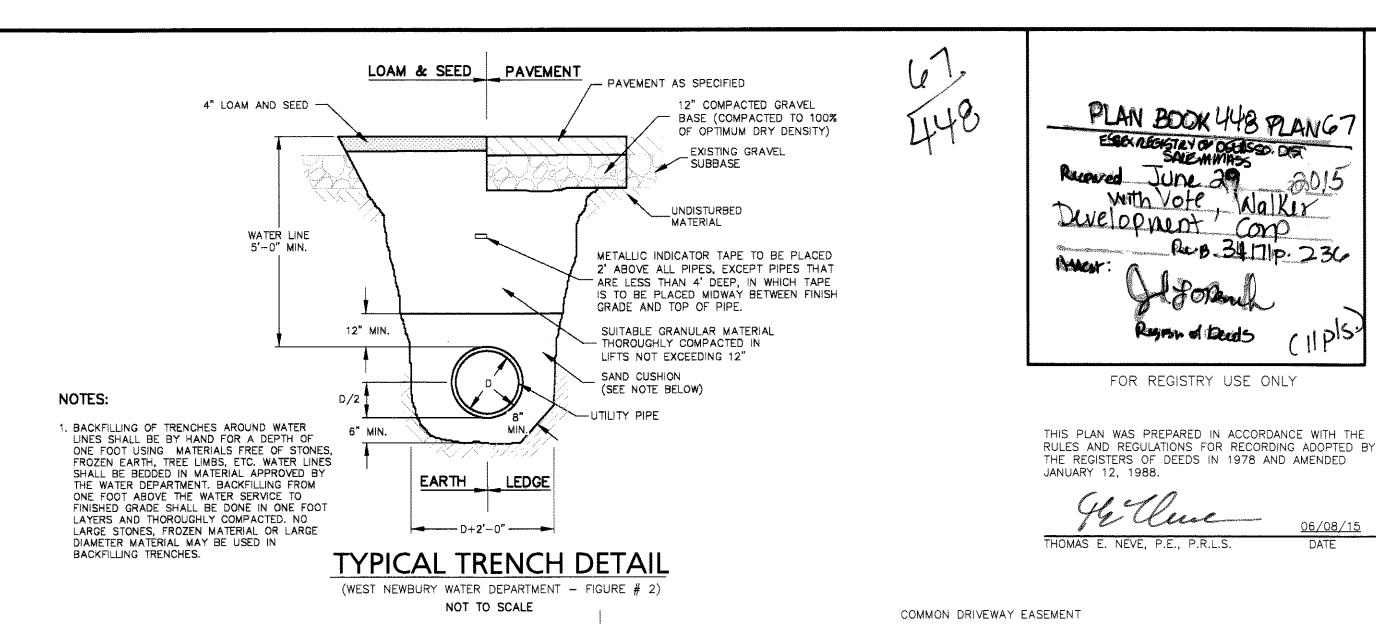


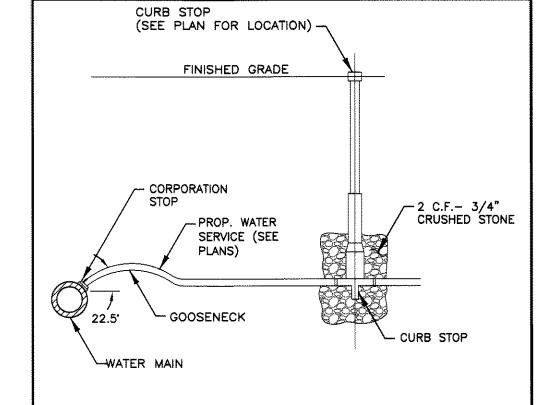




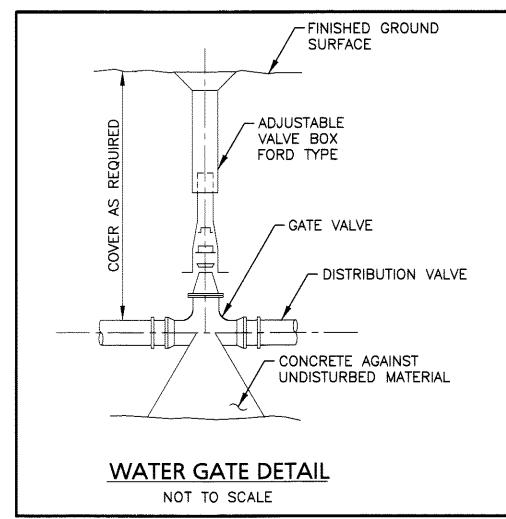
NOT TO SCALE

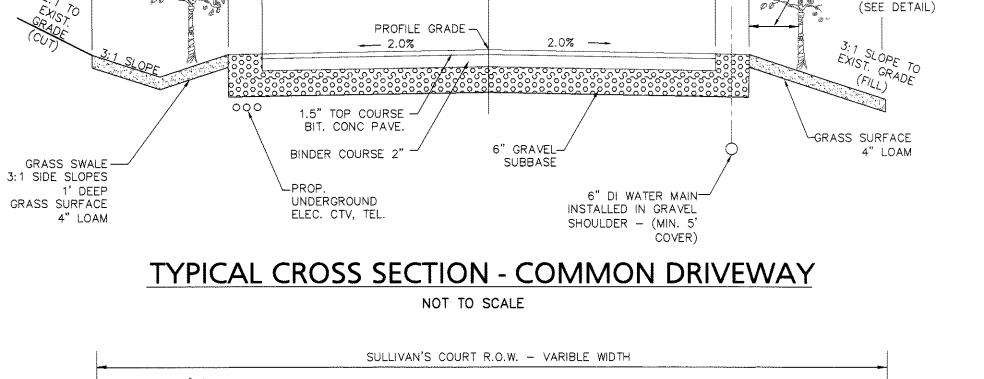






TYPICAL WATER SERVICE CONNECTION NOT TO SCALE

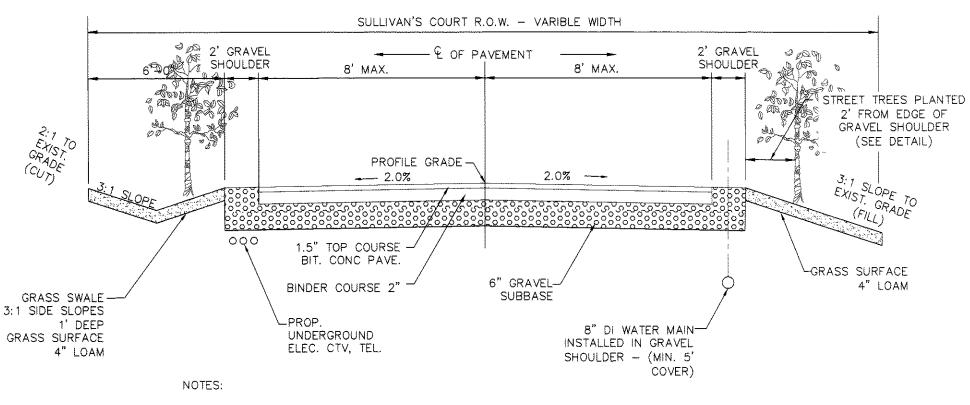




- Q OF PAVEMENT

8' MAX.

SHOULDER

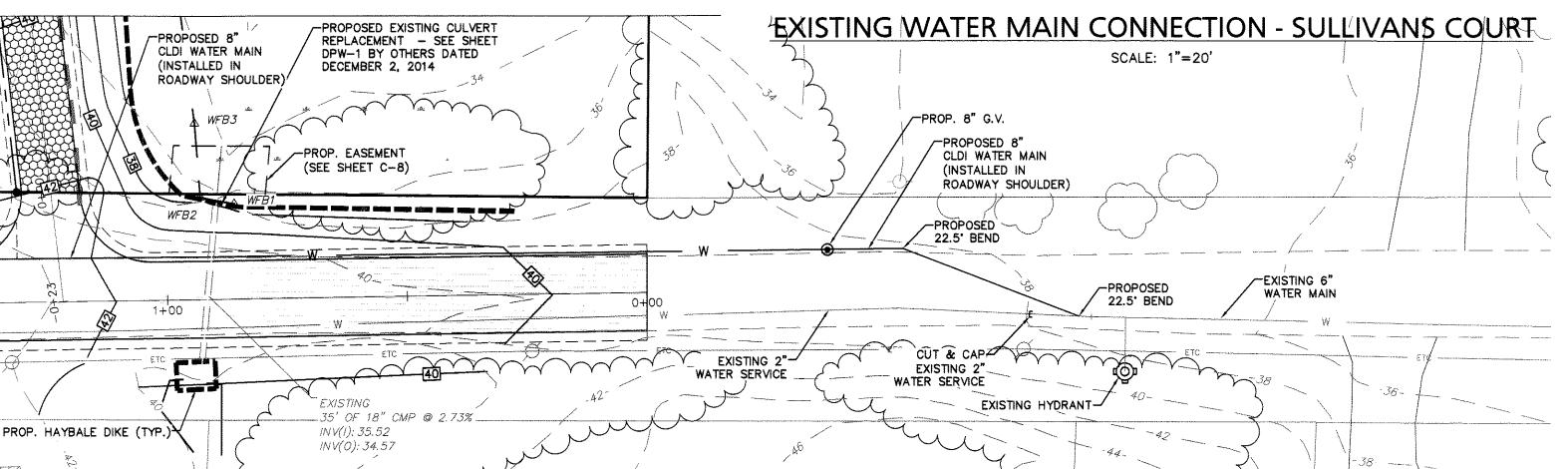


1. THE EXTENSION OF SULLIVAN'S COURT SHALL BE PAVED TO A MAXIMUM WIDTH OF 16'. THE PROPOSED CUL-DE-SAC PAVEMENT WIDTH SHALL BE 16' WIDE. (SEE SHEET C-4)

2. THE PROPOSED PAVEMENT IN SULLIVAN'S COURT SHALL START AT THE LEFT EDGE OF EXISTING

PAVEMENT TO A MAXIMUM WIDTH OF 16'.

TYPICAL CROSS SECTION - SULLIVANS COURT NOT TO SCALE



GENERAL CONSTRUCTION NOTES

Comp

Pub. 34171p. 236

2' GRAVEL

SHOULDER

STREET TREES PLANTED

2' FROM EDGE OF

GRAVEL SHOULDER

8' MAX.

- 1. THE CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. THE CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH CONSTRUCTION.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSPECTIONS, BONDS, ETC. AND OTHER APPROVAL RELATED ITEMS. NO CONSTRUCTION SHALL COMMENCE UNTIL SUCH PERMITS HAVE BEEN SECURED.
- 3. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF IMPROVEMENTS FOR THIS PROJECT SHALL CONFORM TO THE CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE MASSDOT AND THE LOCAL SUBDIVISION REGULATIONS
- 4. CONTRACTOR TO CONFIRM AND VERIFY THE VALIDITY, LOCATION, MATERIAL, AND AVAILABILITY TO USE EXISTING UTILITIES ON OR NEAR THE PROJECT SITE PROPERTY CONTRACTOR TO LOCATE EXISTING UTILITIES AND CONFIRM SAID UTILITIES WITH ALL APPLICABLE MUNICIPALITIES AND UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION. ONCE UTILITIES HAVE BEEN CONFIRMED IN THE FIELD BY CONTRACTOR AND VERIFIED BY APPLICABLE MUNICIPALITY AND UTILITY COMPANY AND CONNECTION HAS BEEN APPROVED BY ENTITY, ONLY THEN SHALL THE CONTRACTOR CONSTRUCT AND UTILIZE THESE UTILITIES. CONTRACTOR TO IMMEDIATELY INFORM THE ENGINEER OF RECORD OF ANY DEVIATIONS TO
- 5. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE ANY EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF NECESSARY, THE EXISTENCE AND/OR LOCATION OF UTILITIES SHOWN ON THESE PLANS MAY BE ONLY APPROXIMATELY CORRECT AND THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN HEREON AND ANY OTHER EXISTING UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT HIS EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
- 6. THE CONTRACTOR SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST THREE WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS, PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION. ALL WATER, GAS, SEWER AND OTHER UTILITIES SHALL BE MAINTAINED AT ALL TIMES DURING
- 7. RELOCATION OF ANY UTILITIES SHALL BE AT THE OWNERS EXPENSE AND COMPLETED WITH THE UTILITY WORK. THE OWNER SHALL BE NOTIFIED AS TO THE RELOCATIONS REQUIRED
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, WITH MATCHING MATERIALS, ANY PAVEMENT, WALKS, CURBS, ETC. THAT MUST BE CUT OR THAT ARE DAMAGED DURING
- 9. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE.
- 10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE DOCUMENTS AND SUBSEQUENT ISSUED PLAN REVISIONS. ANY DEVIATIONS FROM THESE DOCUMENTS SHALL REQUIRE NOTIFICATION TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF CONSTRUCTING ANY CHANGE. THE CONTRACTOR WILL BE WORKING AT HIS OR HER OWN RISK.
- 11. ALL WATER AND SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF WEST NEWBURY RULES AND REGULATIONS
- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE WORK.
- 2. WHERE SANITARY SEWERS CROSS WATER MAINS, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST 18 INCHES BELOW THE INVERT THE WATER MAIN. IF THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT , THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR CONSTRUCTED WITH MECHANICAL-JOINT PIPE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS $\,$ POSSIBLE WHENEVER IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS STIPULATED ABOVE BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE ENCASED IN CONCRETE FOR A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
- 3. ALL UTILITY WORK PERFORMED WITHIN RIGHT-OF-WAY SHALL BE PERFORMED BY A CONTRACTOR LICENSED BY THE DPW AND OBTAIN A PERMIT FOR SUCH WORK FROM THE
- 4. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- 5. A DUST EMISSION CONTROL PLAN SHALL BE DEVELOPED AND IMPLEMENTED BY THE
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL UTILITIES AS SHOWN ON THESE PLANS IN ACCORDANCE WITH THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY CONSTRUCTION SHALL CONFORM TO THE APPROPRIATE UTILITY COMPANY STANDARDS FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SPECIFICATIONS OF MATERIALS AND INSTALLATION PROCEDURES AND INSTALL IN ACCORDANCE WITH APPLICABLE REGULATIONS.
- 7. THE CONTRACTOR IS RESPONSIBLE TO CONTACT AND DETERMINE, COORDINATE AND SCHEDULE ALL NECESSARY INSPECTIONS AND MONITORING WITH ALL APPROPRIATE UTILITY
- 8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ANY PERMITS AND/OR CONNECTION FEES REQUIRED TO PERFORM THE WORK.
- 9. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE PROJECT BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE RESTORATION AND CLEAN UP UPON COMPLETION OF THE PROJECT.
- 11. WATER AND SEWER TESTING TO CONFORM TO LOCAL DPW REGULATIONS.
- 12. ALL MECHANICAL JOINTS TO BE MEGALUG SERIES 1100 INSTALLED IN ACCORDING WITH MANUFACTURER RECOMMENDATIONS OR APPROVED EQUAL.

WEST NEWBURY WATER MAIN NOTES

- 1. PIPE FOR WATER SERVICE SHALL BE TYPE "K" SOFT TEMPER COPPER TUBING. ALL COPPER TUBING MUST BE STAMPED TO SHOW TYPE. MINIMUM SERVICE IS 1", BUT LARGER SERVICE MAY BE REQUIRED, BASED ON ANTICIPATED WATER DEMAND, ELEVATION OF BUILDING OR LENGTH OF SERVICE.
- 2. CURB STOP SHALL BE FORD TYPE COMPRESSION FG-244-444SW-"NL"
- 3. 6. CORPORATION STOP SHALL BE FORD TYPE COMPRESSION FAFB1000-4 "NL", USED IN CONJUNCTION WITH A SERVICE SADDLE OR DIRECT TAP.
- 4. 7. THREE PART UNION SHALL BE FORD TYPE COMPRESSION FJ44-44-"NL".
- 5. 8. ALL NECESSARY FITTINGS SHALL BE FORD COMPRESSION APPROVED BY THE WATER DEPARTMENT. THE WATER METER WILL BE SUPPLIED AND INSTALLED BY THE WATER DEPARTMENT, FOR NEW INSTALLATIONS.
- 6. RESIDENTIAL METERS SHALL BE BADGER M-25 WITH REMOTE READERS.
- 7. CURB BOX SHALL BE MCDONALD TYPE #5607, 1" UPPER SECTION FOR USE WITH 1/2" TO 1" CURB STOPS, 5' BURY WITH STATIONARY ROD, OR EQUIVALENT QUALITY APPROVED BY THE WATER DEPARTMENT.
- 8. INSIDE BALL VALVE SHALL BE INSTALLED BY AND SUPPLIED BY THE WATER DEPARTMENT.
- 9. FIRE HYDRANT SHALL BE KENNEDY TYPE K-81D 5-1/2", BURY WITH A 5 1/2" BARREL (3-WAY) (2)-2 1/2", (1)-4 1/2", WITH 6" - MECHANICAL JOINT BASE AND IT MUST OPEN CLOCKWISE (RIGHT). INSTALLATION OF A HYDRANT MUST INCLUDE A GATE VALVE FOR
- 10. WATER MAIN PIPE SHALL BE DUCTILE TYPE CLASS 52. NO WATER MAIN CAN BE INSTALLED UNDER THE ROAD UNLESS OTHERWISE APPROVED BY WATER DEPARTMENT
- 11. STREET VALVES MUST BE AWWA APPROVED AND MUST OPEN COUNTER-CLOCKWISE
- 12. THE SERVICE PIPE SHALL COME OFF THE WATER MAIN AT A 10 O'CLOCK OR 2 O'CLOCK ANGLE AND RUN DIRECTLY TO THE CURB STOP AND TO THE BUILDING UNLESS

OTHERWISE APPROVED IN ADVANCE BY THE WATER DEPARTMENT.

13. ANY PARTS CONTAINING LEAD MUST BE LABELED "NL" TO INDICATE THAT IT COMPLIES WITH NO LEAD REGULATIONS.

APPROVED BY THE **WEST NEWBURY** PLANNING BOARD

NUNE 16, 2015

THIS IS TO CERTIFY THAT ON AWAI 30,30/8 RECEIVED FROM THE PLANNING BOARD A CERTIFICATION OF TH APPROVAL OF THIS PLAN, AND HAT DURING THE TWENTY (20) DAYS NEXT FOLLOWING 1 HAVE ECEIVED NO NOTICE OF ANY PPEAL FROM THE DECISION.

Ling J. Mens TOWN OF WEST NEWBURY TOWN CLERK

ATE: June/6, 2016

06/08/15 | REVISED PER 04/21/15 P.B. DECISION 03/31/15 REVISED TO ADDRESS

REVIEW COMMENTS REVISED TO ADDRESS **REVIEW COMMENTS**

DESCRIPTION **REVISIONS** PREPARED FOR: (APPLICANT)

WALKER

DEVELOPMENT, CORP 447 OLD BOSTON ROAD (U.S RTE. 1) TOPSFIELD, MA. 01983

DEFINITIVE

SUBDIVISION PLAN SULLIVANS COURT (TAX MAP R-11/LOT 18) WEST NEWBURY, MA

DATE ISSUED: OCTOBER 9, 2014

PROJECT #: 14-8201

PREPARED BY: THOMAS E. NEVE, P.E.

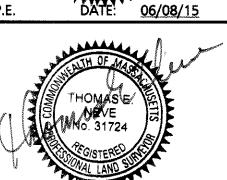
PREPARED BY:

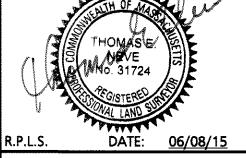
THOMAS E. NEVE

registered professional engineer REGISTERED PROFESSIONAL LAND **SURVEYOR** 10 VALLEY VIEW WAY METHUEN, MA. 01944



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DRAWING TITLE:

CONSTRUCTION DETAILS

DRAWING #:

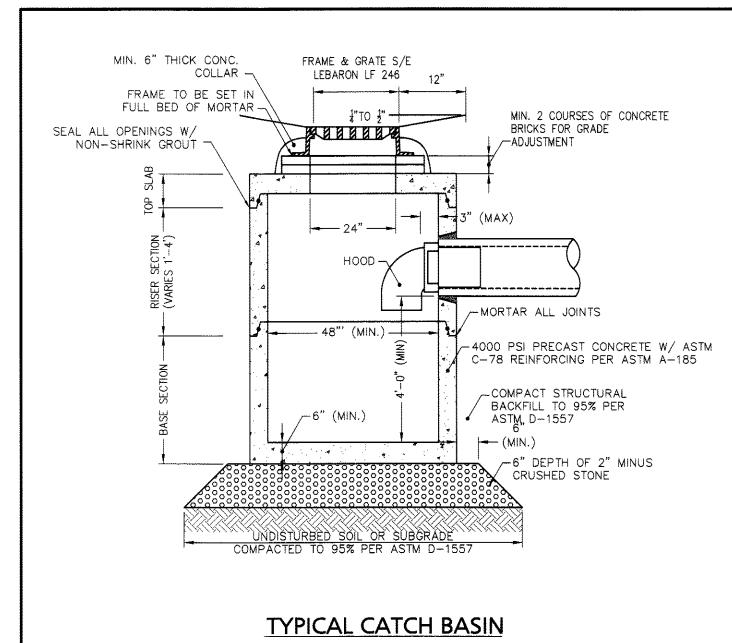
GENERAL EROSION CONTROL NOTES

- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICE AS SHOWN ON THE PLAN. ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED IN EFFECTIVE CONDITION DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE TERMS AND CONDITIONS OF THE CONSTRUCTION GENERAL PERMIT ISSUED BY THE EPA AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SUBMITTED WITH THE PERMIT DOCUMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY INSTALLATION, INSPECTION, MAINTENANCE, AND/OR REPLACEMENT OF ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES TO ENSURE PROPÉR OPERATION THROUGHOUT THE LIFE OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF PERMANENT MEASURES UNTIL CONSTRUCTION OF THE PROJECT IS COMPLETED OR UNTIL IT IS ACCEPTED BY THE OWNER. THE OWNER IS RESPONSIBLE THEREAFTER.
- 3. IT SHALL BETTHE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, CONTROL DUST, AND TAKE ALL NECESSARY MEASURES TO ENSURE THAT THE SITE AND ALL ROADS BE MAINTAINED IN A MUD AND DUST-FREE CONDITION AT ALL TIMES THROUGHOUT THE LIFE OF THE CONTRACT. DUST CONTROL SHALL INCLUDE, BUT IS NOT LIMITED TO, WATER, CALCIUM CHLORIDE, AND/OR CRUSHED STONE OR COARSE GRAVEL.
- 4. ALL PROPOSED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND DETAILS.
 ALL VEHICLE TRAFFIC ENTERING OR EXITING THE WORK AREA SHALL PASS OVER THE CONSTRUCTION ENTRANCES TO REDUCE THE TRACKING OR FLOWING OF SEDIMENT ONTO THE SURROUNDING ROADWAYS.
- 5. THE CONTRACTOR SHALL INSTALL ALL PERIMETER SEDIMENT CONTROL BARRIERS AS SHOWN ON THE SITE DEVELOPMENT PLANS. SILT FENCE SHALL ALSO BE INSTALLED AROUND ANY SOIL STOCKPILE AREAS.
- 6. THE CONTRACTOR SHALL RESTORE DISTURBED AREAS AS CLOSELY AS POSSIBLE. AREAS DAMAGED DURING CONSTRUCTION SHALL BE RESODDED, RESEEDED, OR OTHERWISE RESTORED TO THEIR ORIGINAL STATE. TREES AND OTHER EXISTING VEGETATION SHALL BE RETAINED WHEREVER FEASIBLE.
- TEMPORARY WEGETATIVE COVER SHALL BE APPLIED TO ANY DISTURBED AREAS (INCLUDING SOIL STOCKPILE AREAS) THAT HAVE NOT YET REACHED FINISHED GRADE AS SOON AS POSSIBLE, BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY CEASED, UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS. THE RECOMMENDED TEMPORARY SEEDING DATES ARE MARCH 1 TO JUNE 15 AND AUGUST 15 TO OCTOBER 1
- 8. PERMANENT VEGETATIVE COVER SHALL BE APPLIED TO ALL DISTURBED AREAS THAT HAVE REACHED FINISHED GRADE AS SOON AS POSSIBLE, BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA WAS PERMANENTLY CEASED. THE RECOMMENDED PERMANENT SEEDING DATES ARE APRIL 1 TO JUNE
- AREAS WHICH HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED SHOULD BE MULCHED IMMEDIATELY FOLLOWING SEEDING IN ADDITION TO AREAS WHICH CANNOT BE SEEDED WITHIN THE RECOMMENDED SEEDING DATES AND ANY SOIL STOCKPILE AREAS. TEMPORARY MULCHING SHOULD BE PERFORMED AS SOON AS POSSIBLE, BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY CEASED UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS.
- 10. STRAW OR MAY MULCH, WOOD FIBER MULCH, AND HYDROMULCH ARE RECOMMENDED. THE MATERIALS USED IN MULCHING SHALL CONFORM TO THE REQUIREMENTS LISTED IN SECTION M6.04.0 OF THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES.
- 11. IF SEEDING CANNOT BE COMPLETED IMMEDIATELY OR WITHIN THE RECOMMENDED SEEDING DATES, USE THE TEMPORARY MULCHING MEASURE TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD
- 12. ANY EXISTING OR PROPOSED CATCH BASINS THAT MAY BE SUBJECT TO SEDIMENTATION PROCESSES SHALL HAVE SILT SACKS INSTALLED TO PREVENT SEDIMENT FROM ENTERING THE PROPOSED STORM DRAINAGE SYSTEM PRIOR O PERMANENT STABILIZATION OF THE DISTURBED SITE. THE PROPER INLET PROTECTION DEVICES SHALL BE INSTALLED WHERE STORM DRAIN INLETS ARE TO BE MADE OPERATIONAL BEFORE PERMANENT STABILIZATION OF
- 13. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES AND VOLUME TWO OF THE MASSACHUSETTS STORM WATER MANAGEMENT HANDBOOK
- 14. WASTE DISPOSAL: MATERIALS WHICH COULD BE A POTENTIAL SOURCE OF STORM WATER POLLUTION SUCH AS GASOLINE, DIESEL FUEL, HYDRAULIC OIL, ETC., SHALL BE STORED AT THE END OF EACH DAY IN A STORAGE TRAILER OR COVERED LOCATION AND TAKEN OFF-SITE AND PROPERLY DISPOSED OF. ALL TYPES OF WASTE GENERATED AT THIS SHE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH STATE LAW AND/OR
- 15. GOOD HOUSEKEEPING: THE PROJECT SITE SHALL PROVIDE FOR THE MINIMIZATION OF EXPOSURE OF CONSTRUCTION DEBRIS (INCLUDING, BUT NOT LIMITED TO, INSULATION, WIRING, PAINTS AND PAINT CANS, SOLVENTS, WALL BOARD, ETC.) TO PRECIPITATION BY MEANS OF DISPOSAL AND/OR PROPER SHELTER OR COVER. IN ADDITION, CONSTRUCTION WASTE MUST BE PROPERLY DISPOSED OF IN ORDER TO AVOID EXPOSURE TO PRECIPITATION AT THE END OF EACH WORKING DAY.
- 16. NO DUST WILL BE ALLOWED ON OR OFF WORK SITE. CONTRACTOR MUST CONDUCT CONTINUOUS EFFORT TO CONTROL DUST. LACK OF DUST CONTROL COULD CAUSE THE PROJECT TO BE STOPPED UNTIL ISSUES ARE
- 17. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST AND TAKE ALL NECESSARY MEASURES TO ENSURE ALL ROADS ARE MAINTAINED IN A DUST FREE CONDITION AT ALL TIMES THROUGHOUT THE LIFE OF THE REPETITIVE TREATMENTS SHOULD BE APPLIED AS NECESSARY.
- 18. REPAIRS OR REPLACEMENT OF DRAINAGE STRUCTURES, RIP RAP CHANNELS, OR OTHER ELEMENTS OF THE FACILITY SHOULD BE DONE WITHIN 14 DAYS OF DEFICIENCY REPORTS. IF AN EMERGENCY SITUATION IS IMMINENT THEN REPAIR/REPLACEMENT MUST BE DONE IMMEDIATELY TO AVERT FAILURE OR DANGER TO NEARBY RESIDENTS.
- 19. IMMEDIATELY PRIOR TO THE END OF CONSTRUCTION OR ACCEPTANCE BY THE OWNER, THE CONTRACTOR SHALL INSPECT ALL ON-SITE STORMWATER MANAGEMENT FACILITIES AND CLEAN AND FLUSH AS NECESSARY.
- 20. THE GENERAL CONTRACTOR OR NOMINEE WILL BE THE PARTY RESPONSIBLE FOR THE INSPECTION, MAINTENANCE. AND REQUIRED DOCUMENTATION OF ALL STORM WATER STRUCTURES AS OUTLINED WITHIN.

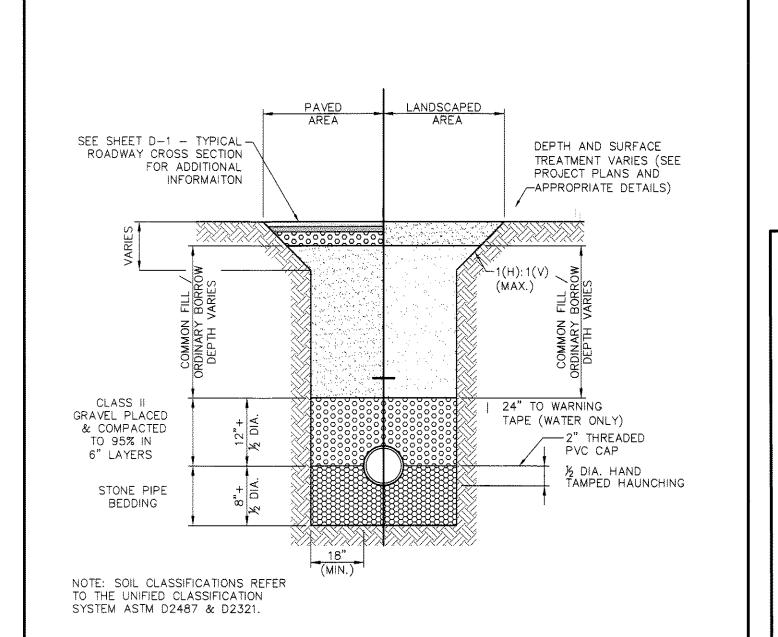
PROJECT SPECIFIC CONSTRUCTION SEQUENCING:

DESCRIBED BELOW ARE THE MAJOR CONSTRUCTION ACTIVITIES. THEY ARE PRESENTED IN THE ORDER (OR SEQUENCE) THEY ARE EXPECTED TO BEGIN, BUT EACH ACTIVITY WILL NOT NECESSARILY BE COMPLETED BEFORE THE NEXT BEGINS ALSO, THESE ACTIVITIES COULD OCCUR IN A DIFFERENT ORDER IF NECESSARY TO MAINTAIN ADEQUATE EROSION AND SEDIMENTATION CONTROL. ALL ACTIVITIES AND THE TIMEFRAME (BEGINNING AND ENDING DATES) SHALL BE RECORDED BY THE GENERAL CONTRACTOR:

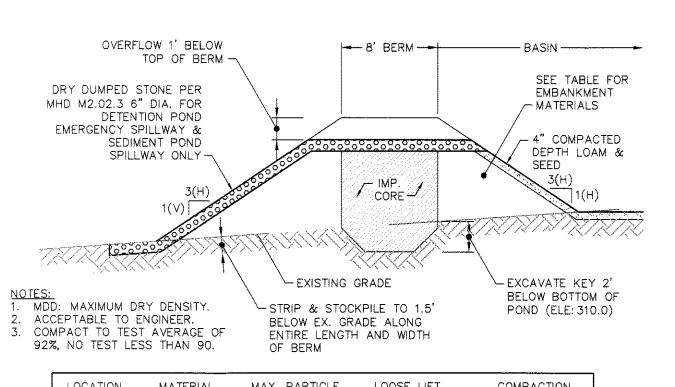
- 1. CONTRACTOR TO REVIEW ORDER OF CONDITIONS AND ALL LOCAL, STATE AND FEDERAL PERMITS.
- 2. REVIEW AND CERTIFY THE STORMWATER POLLUTION PREVENTION PLAN.
- 3. DELINEATE THE LIMIT OF THE TREE CLEARING OPERATIONS.
- 4. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- 5. CUT AND CLEAR TREES WITHIN THE AREA OF DISTURBANCE.
- 6. PLACE REMAINING EROSION CONTROL MEASURES PRIOR TO ANY EARTH MOVING OPERATIONS.
- 7. CONSTRUCT INFILTRATION POND. LIMIT INITIAL EXCAVATION TO ELEVATION 112.0. SEE INFILTRATION BASIN CONSTRUCTION NOTES FOR ADDITIONAL INFORMATION.
- 8. BEGIN ROUGH GRADING AND EARTHWORK OPERATIONS.
- 9. CONSTRUCT REMAINING DRAINAGE IMPROVEMENTS. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER GRADING. ALL DISTURBED AREAS SHALL BE STABILIZED NO LATER THAN 72-HOURS AFTER CONSTRUCTION ACTIVITIES GEASE. IF EARTHWORK TEMPORARILY CEASES ON A PORTION OF OR ON THE ENTIRE SITE, AND WILL NOT RESUME WITHIN 21-DAYS, THE AREA SHALL BE STABILIZED. AN AREA SHALL BE CONSIDERED STABILE IF
- ONE OF THE FOLLOWING HAS OCCURRED: A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
- B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED; OR . EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- 10. INSTALL ALL UNDERGROUND UTILITIES.
- 11. CONSTRUCT ROADWAYS ACCORDING TO THE PLAN. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER
- 12. SURFACE TREATMENT OF ALL DISTURBED AREAS NOT PAVED OR OTHERWISE LANDSCAPED SHALL BE TREATED WITH 4" OF LOAM AND SEED.
- 13. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL MEASURES CONSISTENT WITH THE PROCEDURE AND SCHEDULE OUTLINED IN THE STORMWATER POLLUTION PREVENTION PLAN.
- 14. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 15. REMOVE TEMPORARY EROSION CONTROL MEASURES ONCE ALL AREAS ARE STABILIZED WITH A SUITABLE STAND OF GRASS, PAVEMENT OR COMPACTED GRAVELS.



NOT TO SCALE

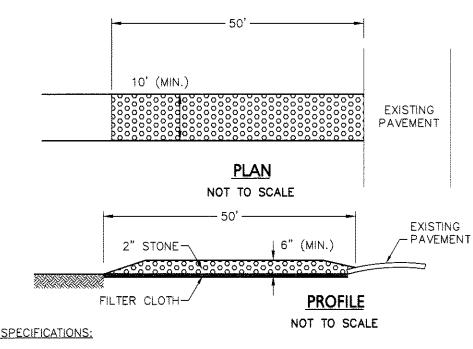


TYPICAL DRAIN TRENCH DETAIL NOT TO SCALE



LOCATION	MATERIAL	MAX. PARTICLE SIZE (IN)	LOOSE LIFT THICKNESS (IN)	COMPACTION REQUIREMENTS (% MDD) ¹
KEY	NATIVE SOIL 2	6	12 (MAX)	92% ³
EMBANKMENT	NATIVE SOIL 2	6	12 (MAX)	92% ³
LOAM COVER	NATIVE TOPSOI	_ 1	8 (MIN)	80%
IMP. CORE	SOIL W/ AT LEAST 30% CL/ & SILT CONTEN		12 (MAX)	92% ³

PROPOSED POND EMBANKMENT DETAIL NOT TO SCALE



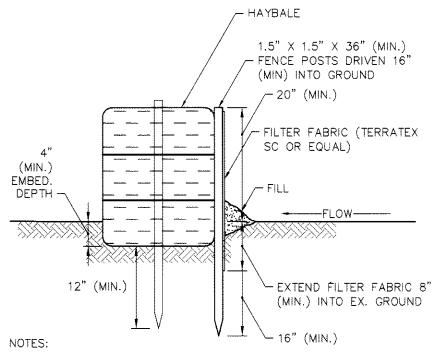
CONSTRUCTION SPECIFICATIONS:

- USE 2" DIAMETER STONE OR RECLAIMED/RECYCLED CONCRETE EQUIVALENT. RECOMMENDED LENGTH GREATER THAN 50 FEET WHERE PRACTICAL.
- THICKNESS NOT LESS THAN 6 INCHES. 4. 10 FOOT MINIMUM WIDTH, BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCUR.
- FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WILL BE PERMITTED.
- ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS—OF—WAY MUST BE REMOVED
- CONTRACTOR REMOVE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACEMENT OF BITUMINOUS CONCRETE PAVEMENT.

PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED BY THE

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



- 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM
- DEPTH OF 4". 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES
- BALE TO FORCE BALES TOGETHER. 4. INSPECTION SHALL BE FREQUENT, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS REQUIRED.

HAYBALE AND

- EXTEND FILTER FABRIC 8"

1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.

- OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID
- 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULLNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

FILTER FABRIC SILT FENCE DETAIL

June 29, 2015 note Vote, Walker Development Corp. Per 34/7/p. 236 THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS FOR RECORDING ADOPTED BY THE REGISTERS OF DEEDS IN 1978 AND AMENDED JANUARY 12, 1988.

FOR REGISTRY USE ONLY

PLAN BOOK 448 PLAN 6"

TEXOLOGICAL PROPERTY OF USE OF

2 W/ 151 Mugho

JUNE 16, 2015

APPROVED BY THE

WEST NEWBURY

PLANNING BOARD

S IS TO CERTIFY THA RECEIVED FROM THE PLANNIN DARD A CERTIFICATION OF TH APPROVAL OF THIS PLAN, AND THAT DURING THE TWENTY (20 DAYS NEXT FOLLOWING I HAVE RECEIVED NO NOTICE OF ANY APPEAL FROM THE DECISION.

Ann P. M. Court
TOWN OF WEST NEWBURY TOWN CLERK

June 16, 2015

REVISED PER 04/21/15 06/08/15 P.B. DECISION REVISED TO ADDRESS 03/31/15 REVIEW COMMENTS **REVISED TO ADDRESS** REVIEW COMMENTS

DATE DESCRIPTION REVISIONS PREPARED FOR: (APPLICANT)

WALKER DEVELOPMENT, CORP

447 OLD BOSTON ROAD (U.S RTE. 1) TOPSFIELD, MA. 01983

DEFINITIVE SUBDIVISION PLAN **SULLIVANS COURT**

DATE ISSUED: OCTOBER 9, 2014

(TAX MAP R-11/LOT 18)

WEST NEWBURY, MA

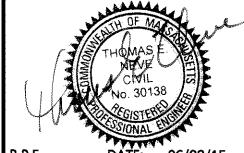
PROJECT #: 14-8201

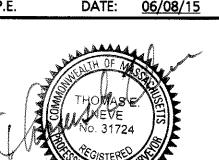
PREPARED BY: THOMAS E. NEVE, P.E R.P.L.S.

PREPARED BY:

REGISTERED PROFESSIONAL ENGINEE REGISTERED PROFESSIONAL LAND

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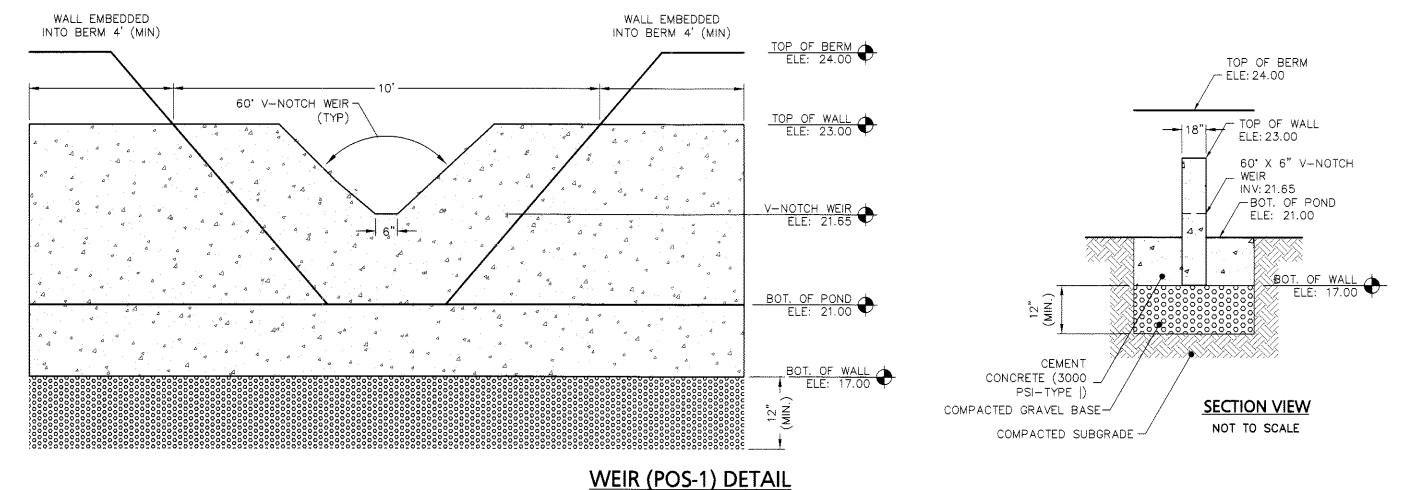




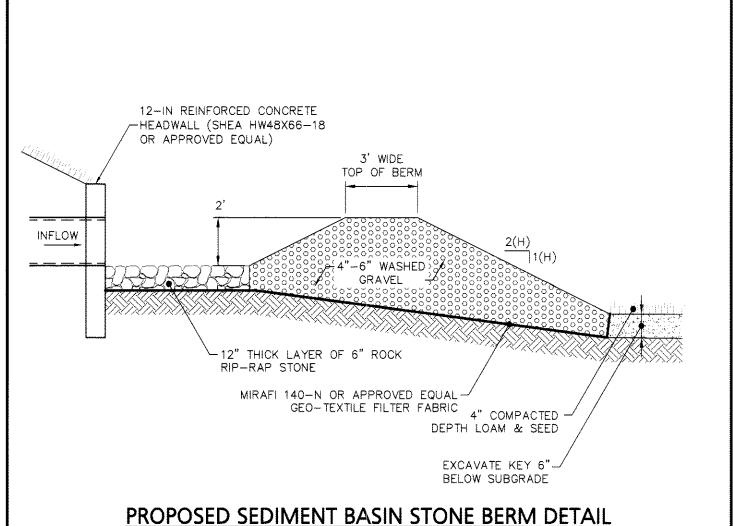
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CONSTRUCTION DETAILS

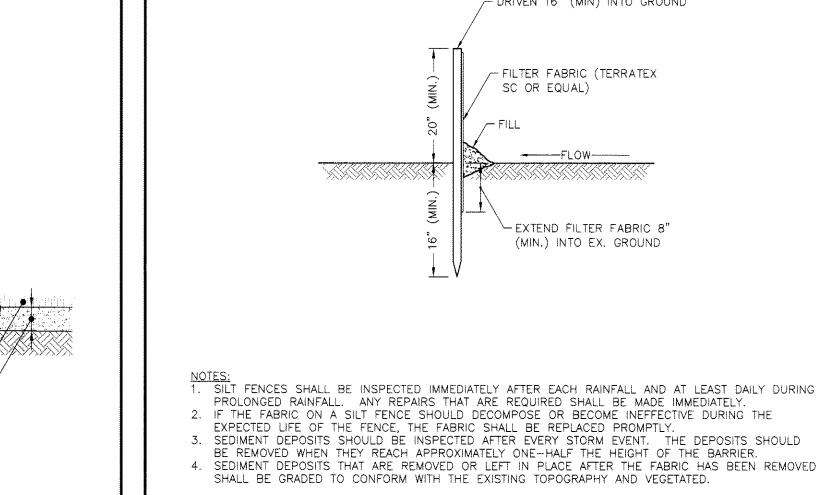
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NOT TO SCALE



NOT TO SCALE



SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY. 2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY. 3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE—HALF THE HEIGHT OF THE BARRIER.

SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED. FILTER FABRIC SILT FENCE DETAIL

NOT TO SCALE

36" (MIN.) FENCE POSTS

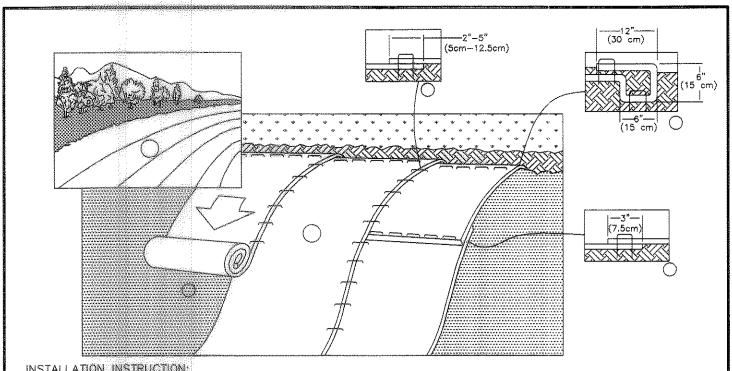
- FILTER FABRIC (TERRATEX

-EXTEND FILTER FABRIC 8"

(MIN.) INTO EX. GROUND

SC OR EQUAL)

- DRIVEN 16" (MIN) INTO GROUND



INSTALLATION INSTRUCTION:

1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPS) TYPE P300 PERMANENT TURF REINFORCING MAT BY NORTH AMERICAN GREEN OR APPROVED EQUAL INCLUDING ANY NECESSARY

- APPLICATION OF LIME, FERTILIZER, AND SEED.

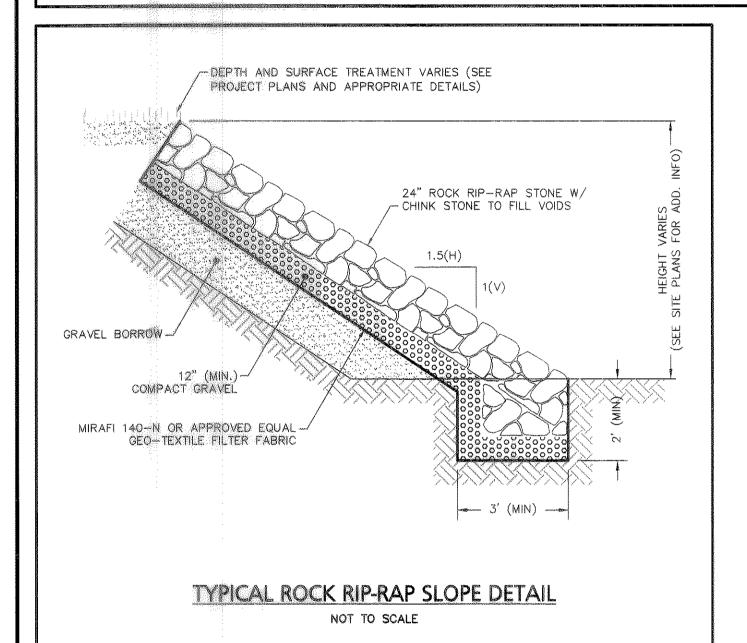
 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPS IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECPS EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPS WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECPS BACK OVER SEED AND COMPACTED SOIL. SECURE RECPS OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE
- 3. ROLL THE RECPS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECPS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM™, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- 4. THE EDGES OF PARALLEL RECPS MUST BE STAPLED WITH APPROXIMATELY 2" 5" OVERLAP DEPENDING ON RECP'S TYPE.
- RECP'S TYPE,

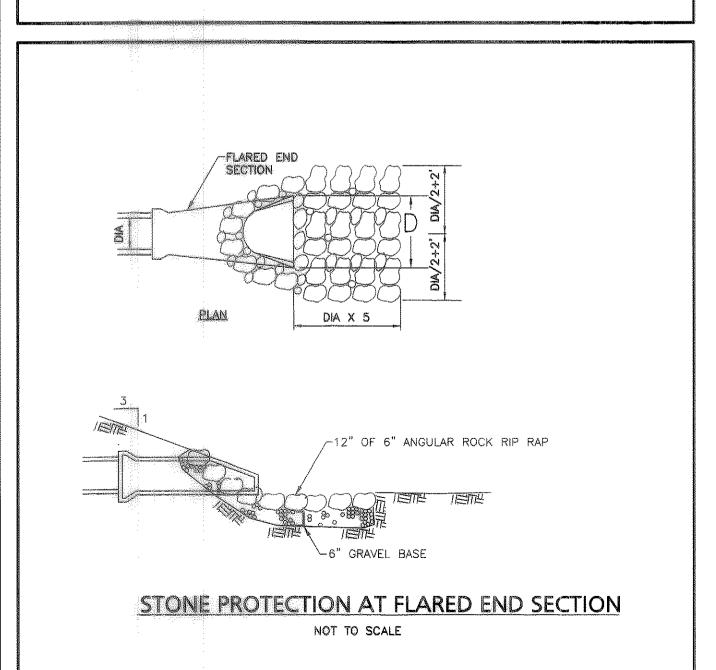
 5. CONSECUTIVE RECPS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH

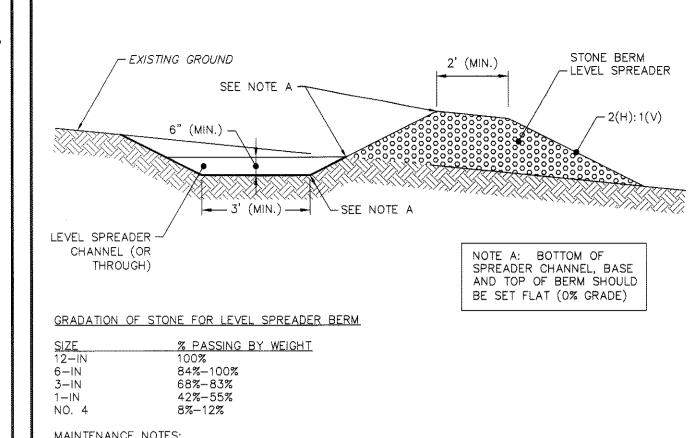
 AN APPROXIMATE 3" OVERLAP, STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS

REINFORCED SLOPE DETAIL

NOT TO SCALE







MAINTENANCE NOTES:

1. INSPECT AT LEAST ONCE ANNUALLY FOR ACCUMULATION OF SEDIMENT AND DEBRIS AND FOR SIGNS OF EROSION WITHIN APPROACH CHANNEL, SPREADER CHANNEL OR DOWN—SLOPE OF THE SPREADER.

2. REMOVE DEBRIS WHENEVER OBSERVED DURING INSPECTION.

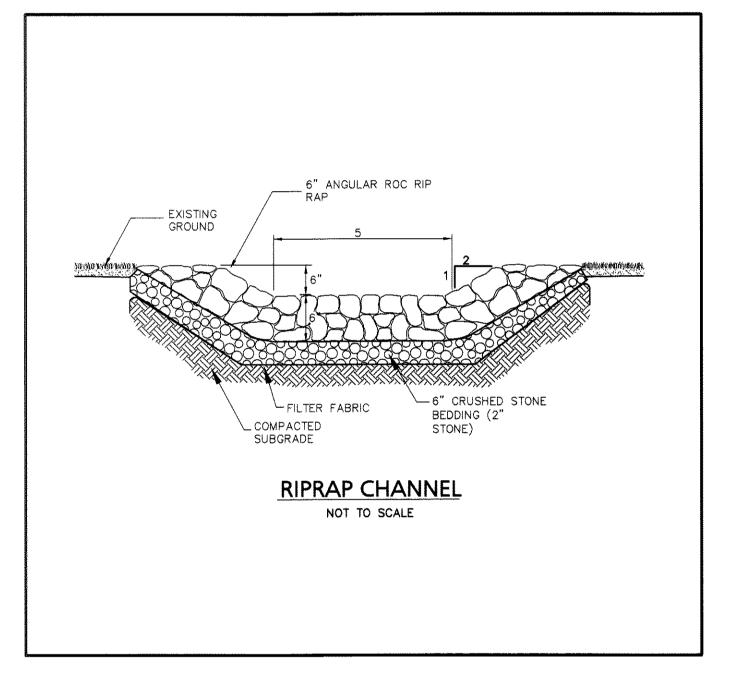
3. REMOVE SEDIMENT WHEN ACCUMULATION EXCEEDS 25% OF SPREADER CHANNEL DEPTH.

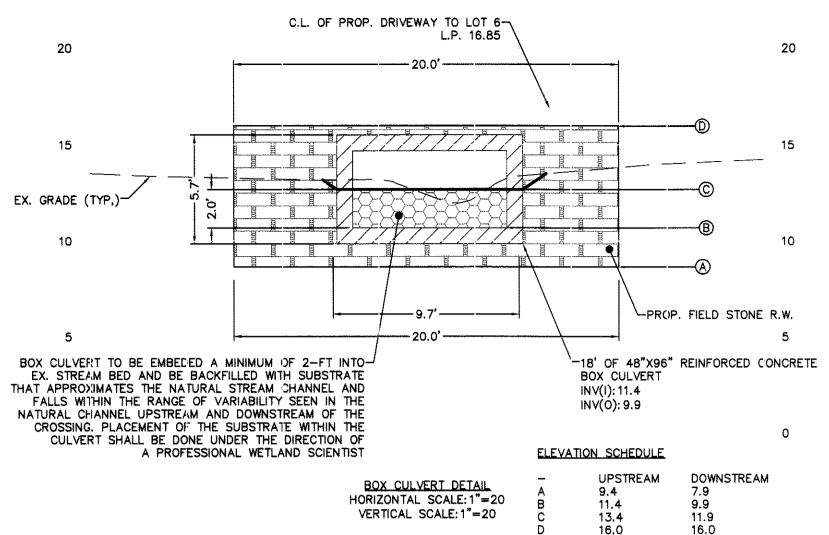
- 4. MOW AS REQUIRED BY LANDSCAPING DESIGN. AT A MINIMUM, MOW ANNUALLY TO CONTROL WOODY VEGETATION WITHIN THE SPREADER.
- 5. SNOW SHOULD NOT BE STORED WITHIN OR DOWN-SLOPE OF THE LEVEL SPREADER OR ITS APPROACH CHANNEL.

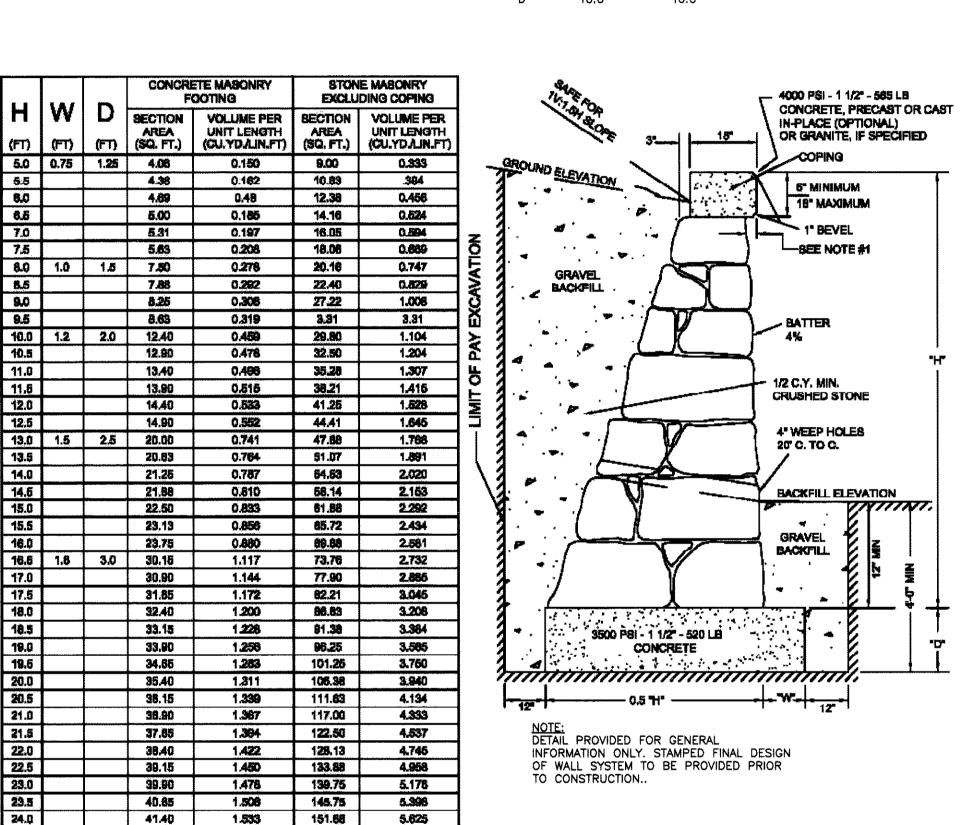
 6. REPAIR ANY EROSION AND RE-GRADE OR REPLACE STONE BERM MATERIAL, AS WARRANTED BY
- 7. RECONSTRUCT THE SPREADER IF DOWN—SLOPE CHANNELIZATION INDICATES THAT THE SPREADER IS NOT LEVEL OR THAT DISCHARGE HAS BECOME CONCENTRATED, AND CORRECTIONS CANNOT BE MADE THROUGH MINOR RE—GRADING.

LEVEL SPREADER DETAIL

NOT TO SCALE







COPING TO BE PRECAST CONCRETE OR GRANITE OF UNIFORM DEPTH FOR THE ENTIRE LENGTH. DEPTH OF CONCRETE TO BE 1/12 THE AVERAGE "H" WITHIN THE LIMITS SHOWN. DEPTH OF GRANITE TO BE AS SHOWN ON THE PLANS, 8" OR 9".

156.13 5.856

184.50 6.093

1.617 171.00 6.333

1.644 177.63 8.579

1.672 184.38 8.829

FOR CHAIN LINK FENCE ON TOP OF WALL, THE COPING SHALL BE CONCRETE CAST-IN-PLACE WITH A MINIMUM DEPTH OF 12°. THE LENGTH OF GALVANIZED PIPE SLEEVES FOR FENCE POSTS SHALL BE EQUAL TO THE DEPTH OF COPING.

1.561

1,589

42.15

42.90

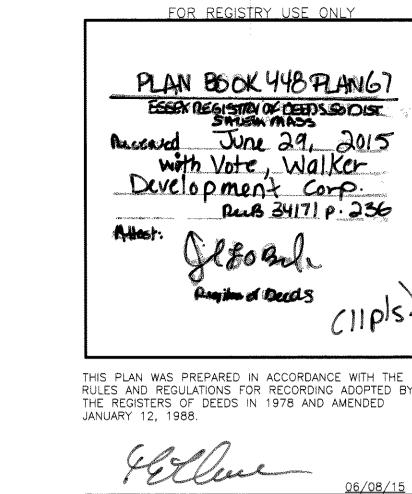
43.65

44.40

45.15

TYPICAL PROPOSED FIELD STONE RETAINING WALL DETAIL

NOT TO SCALE



APPROVED BY THE WEST NEWBURY PLANNING BOARD

But Supply

But Rempty

Multiple

DATE OF ENDORSEMENT

APPEAL FROM THE DECISION.

Many
TOWN OF WEST NEWBURY
TOWN CLERK

DATE: Sunc 16, 2015

06/08/15 REVISED PER 04/21/15
P.B. DECISION

03/31/15 REVISED TO ADDRESS
REVIEW COMMENTS

01/07/15 REVISED TO ADDRESS
REVIEW COMMENTS

DATE DESCRIPTION

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WALKER

DEVELOPMENT, CORP.

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DEFINITIVE
SUBDIVISION PLAN
SULLIVANS COURT

(TAX MAP R-11/LOT 18)

WEST NEWBURY, MA

DATE ISSUED: OCTOBER 9, 2014

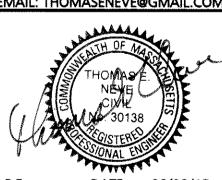
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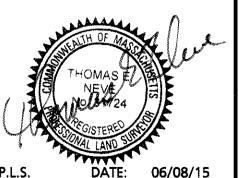
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DATE: 06/08/15



DRAWING TITLE:

DKAWING HILE:

CONSTRUCTION DETAILS

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D-3