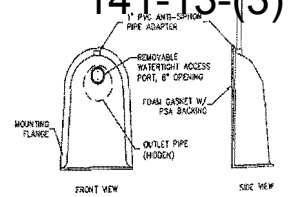


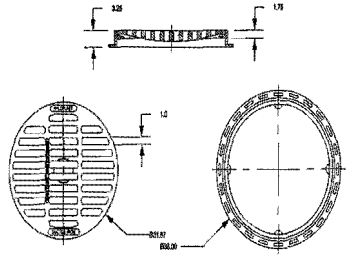
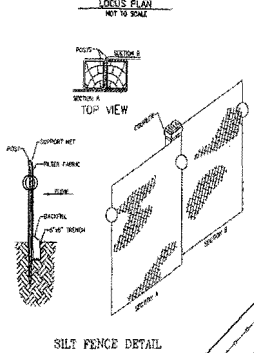
PLAN NOTES

- NO EXCAVATION IS ALLOWED WITHIN ANY CITY RIGHT-OF-WAY BETWEEN NOVEMBER 15TH AND APRIL 15TH, IF AN EMERGENCY EXISTS OR THERE ARE EXTENUATING CIRCUMSTANCES, APPLICANT MAY SEEK PERMISSION FOR SUCH WORK FROM THE CITY OF NEWTON DPW COMMISSIONER VIA THE CITY ENGINEER. IF PERMISSION IS GRANTED, SPECIAL CONSTRUCTION STANDARDS WILL BE APPLIED. APPLICANT OR APPLICANT'S REPRESENTATIVE MUST CONTACT THE CITY OF NEWTON ENGINEERING DEPARTMENT PRIOR TO START OF WORK FOR CLARIFICATION.
- WATER & SEWER SERVICES FOR EXISTING HOUSE SHALL BE CUT AND CAPPED AT THE MAINS AND BE COMPLETELY REMOVED FROM THE SITE AND PROPERLY BACK FILLED. CITY OF NEWTON ENGINEERING DIVISION MUST INSPECT THE WORK; FAILURE TO HAVING THIS WORK INSPECTED MAY RESULT IN THE DELAY OF ISSUANCE OF THE UTILITY CONNECTION PERMIT.
- AS OF JANUARY 1, 2009, ALL TRENCH EXCAVATION CONTRACTORS SHALL COMPLY WITH MASSACHUSETTS GENERAL LAWS CHAPTER 82A, TRENCH EXCAVATION SAFETY REQUIREMENTS, TO PROTECT THE GENERAL PUBLIC FROM UNAUTHORIZED ACCESS TO UNATTENDED TRENCHES. TRENCH EXCAVATION PERMIT REQUIRED. THIS APPLIES TO ALL TRENCHES ON PUBLIC AND PRIVATE PROPERTY.
- THE APPLICANT WILL HAVE TO APPLY FOR STREET OPENING, UTILITY CONNECTION, AND AN INSTALL CURB & SIDEWALK PERMITS WITH THE DPW PRIOR TO START OF WORK IF NEEDED.
- AFTER ALL ENGINEERING PERMITS ARE OBTAINED, THE CONTRACTOR NEEDS TO NOTIFY THE ENGINEERING DIVISION 48-HOURS IN ADVANCE AND SCHEDULE AN APPOINTMENT TO HAVE THE WATER, DRAINAGE & SEWER SERVICES INSPECTED. THE SYSTEM & UTILITIES MUST BE FULLY EXPOSED FOR THE INSPECTOR. ONCE THE INSPECTOR IS SATISFIED, THE SYSTEM & UTILITIES MAY THEN BE BACK-FILLED.
- WITH THE EXCEPTION OF GAS SERVICES, ALL UTILITY TRENCHES WITHIN THE CITY OF NEWTON RIGHT-OF-WAY WILL BE BACKFILLED WITH TYPE I (EXCAVATABLE) CONTROLLED DENSITY FILL, AS SPECIFIED BY THE CITY OF NEWTON ENGINEERING SPECIFICATIONS.
- PRIOR TO THE ISSUANCE OF AN OCCUPANCY PERMIT, AN AS-BUILT PLAN SHALL BE SUBMITTED TO THE ENGINEERING DIVISION IN BOTH DIGITAL FORMAT AND IN HARD COPY. THE PLAN MUST SHOW ALL UTILITIES AND DRAINAGE (INCLUDING SWING TIES), ANY EASEMENTS AND FINAL GRADING.
- IF ENGINEERING DIVISION ACCEPTANCE IS REQUESTED PRIOR TO ALL SITE WORK BEING COMPLETED, THE APPLICANT WILL BE REQUIRED TO POST A CERTIFIED BANK CHECK IN THE AMOUNT TO COVER THE REMAINING WORK. THE CITY ENGINEER SHALL DETERMINE THE VALUE OF THE UNCOMPLETED WORK.
- THE NEW SEWER SERVICES AND STRUCTURES WILL NEED TO BE PRESSURE TESTED AS FEASIBLE PRIOR TO ACCEPTANCE. THE PROPOSED SEWER LINE THAT CAN NOT BE TESTED SHALL BE VIDEO TAPED AND SUBMITTED TO THE INSPECTOR.
- PRIOR TO CONNECTION TO THE CITY DRAINAGE SYSTEM AND SEWER SYSTEM, THE EXISTING STORM DRAIN LINE AND SEWER LINE IN THE EASEMENT SHALL BE INSPECTED. THE APPLICANT/CONTRACTOR SHALL RETAIN A QUALIFIED CONTRACTOR THAT SPECIALIZES IN CLOSED CIRCUIT TELEVISION (CCTV) INSPECTIONS OF UNDERGROUND PIPES (EXISTING SEWER MAIN AND DRAIN MAIN). TWO INSPECTIONS SHALL BE CONDUCTED (PRE-CONSTRUCTION AND POST-CONSTRUCTION). THE VIDEO TAPES/CDS SHALL BE GIVEN TO THE REPRESENTATIVE OF THE ENGINEERING DIVISION AT THE END OF EACH INSPECTION. CONTRACTOR MUST PROVIDE A MINIMUM OF 48-HOURS NOTICE TO ALLOW A REPRESENTATIVE OF THE ENGINEERING DIVISION TO BE PRESENT AT TIME OF INSPECTION.
- DEMOLITION PERMIT IS REQUIRED PRIOR TO THE DEMOLITION OF EXISTING HOUSE.
- BACKFILL UTILITY TRENCHES WITH PRE MIX FLOWABLE FILL.

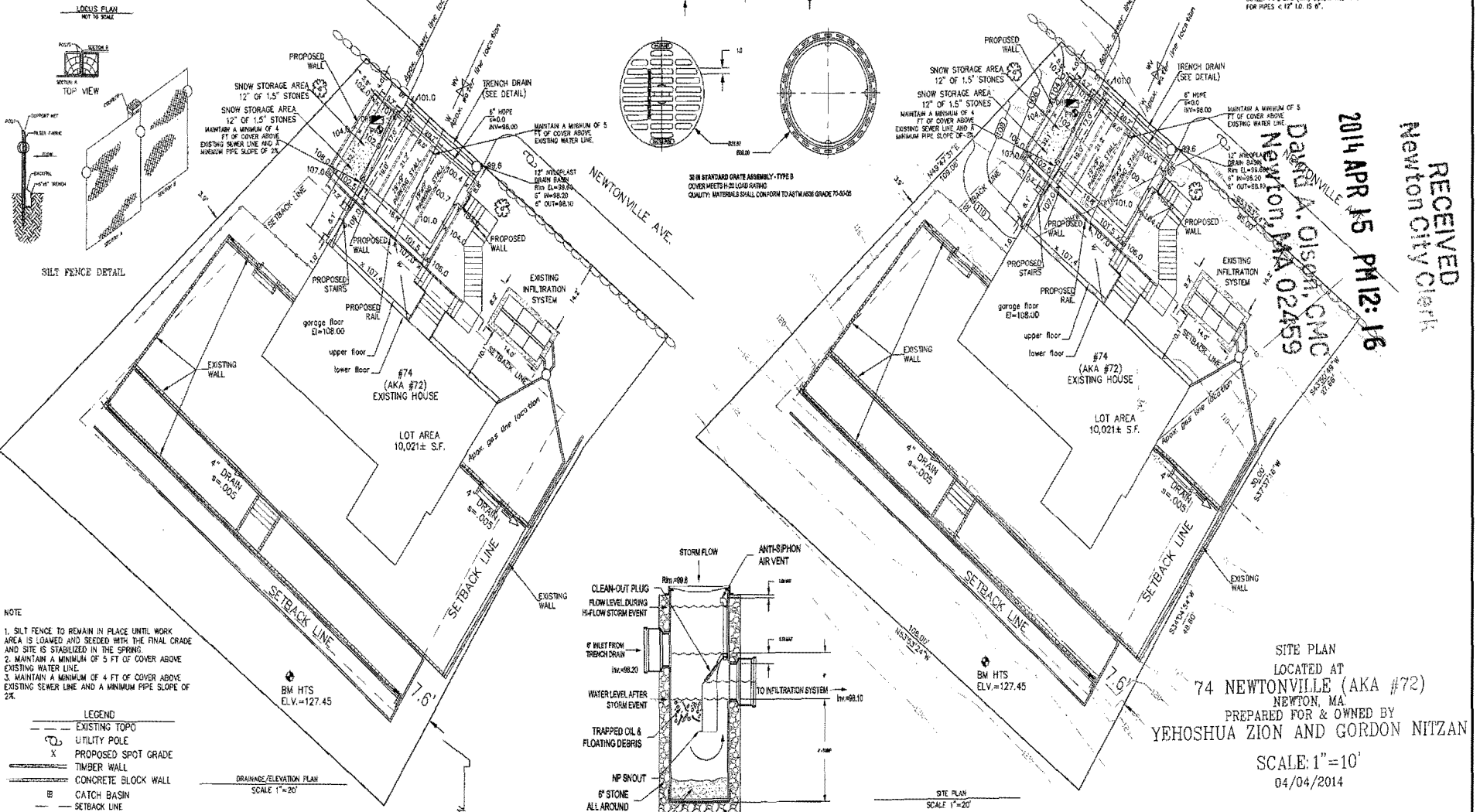
141-13-(3)



CATCHBASIN HOOD DETAIL
POSITION HOOD SUCH THAT BOTTOM FLANGE IS A DISTANCE OF 1/2\"/>

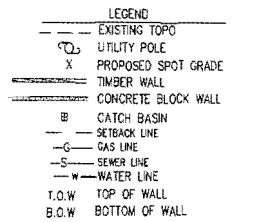


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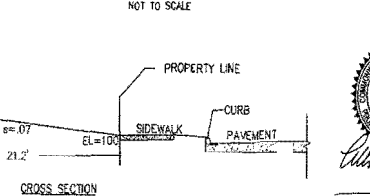
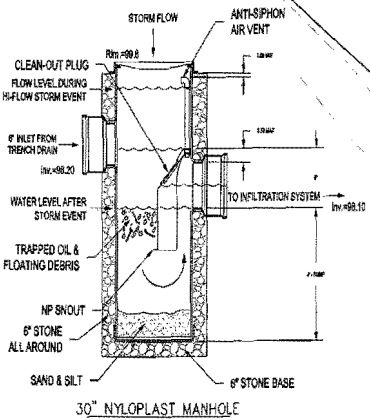
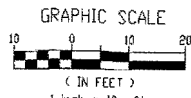
RECEIVED
 Newton City Clerk
 2014 APR 15 PM 12:16
 David A. Olson, CMC
 Newton, MA 02459
 PROJECT # 141-13

- NOTE**
- SILT FENCE TO REMAIN IN PLACE UNTIL WORK AREA IS LOADED AND SEDED WITH THE FINAL GRADE AND SITE IS STABILIZED IN THE SPRING.
 - MAINTAIN A MINIMUM OF 5 FT OF COVER ABOVE EXISTING WATER LINE.
 - MAINTAIN A MINIMUM OF 4 FT OF COVER ABOVE EXISTING SEWER LINE AND A MINIMUM PIPE SLOPE OF 2%.



EXISTING/PROPOSED TABLE OF AREAS:

LOT AREA = 10,021± S.F.
 BUILDING FOOTPRINT=1,410± S.F.
 BUILDING COVERAGE=14.07± %
 DECK & STAIRS=300± S.F.
 DRIVEWAY AND WALKWAY=630± S.F.
 IMPERVIOUS COVERED AREA OF LOT=23.4± %
 APPROXIMATE UNOCCUPIED FREE SPACE=76.6± %



SITE PLAN
 LOCATED AT
74 NEWTONVILLE (AKA #72)
 NEWTON, MA
 PREPARED FOR & OWNED BY
YEHOSHUA ZION AND GORDON NITZAN
 SCALE: 1"=10'
 04/04/2014

CONTRACTOR TO NOTIFY DIG SAFE
 72 HOURS PRIOR TO ANY EXCAVATION
 TELEPHONE NUMBER 1-888-344-7233
 WWW.DIGSAFE.COM

ALL UNDERGROUND UTILITIES INFORMATION SHOWN HEREIN TAKE FROM FIELD OBSERVATIONS AND UTILITY RECORDS.
 ALL LOCATIONS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF ANY CONSTRUCTION.



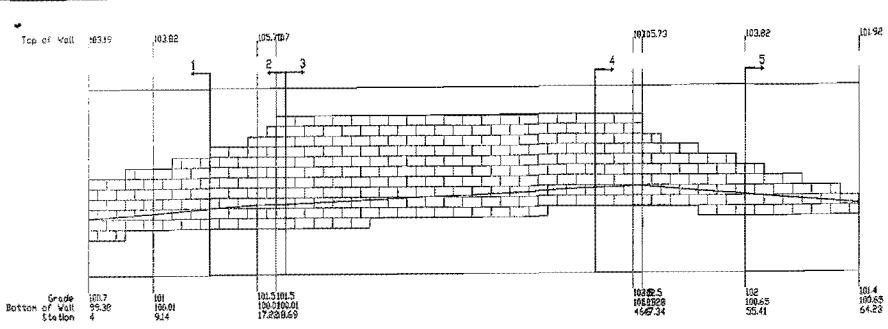
CERTIFY THAT THE EXISTING BUILDING IS LOCATED AS SHOWN HEREON AND THAT THE PROPOSED WALL DOES NOT CONFORM TO THE DIMENSIONAL SETBACK REQUIREMENT OF THE ZONING BYLAW OF THE CITY OF NEWTON, MA.

THE EXISTING STRUCTURE IS NOT LOCATED WITHIN A FEDERAL FLOOD ZONE PER HUD MAP # 50070 CONFORMITY # 0356 DATED 06/04/2010

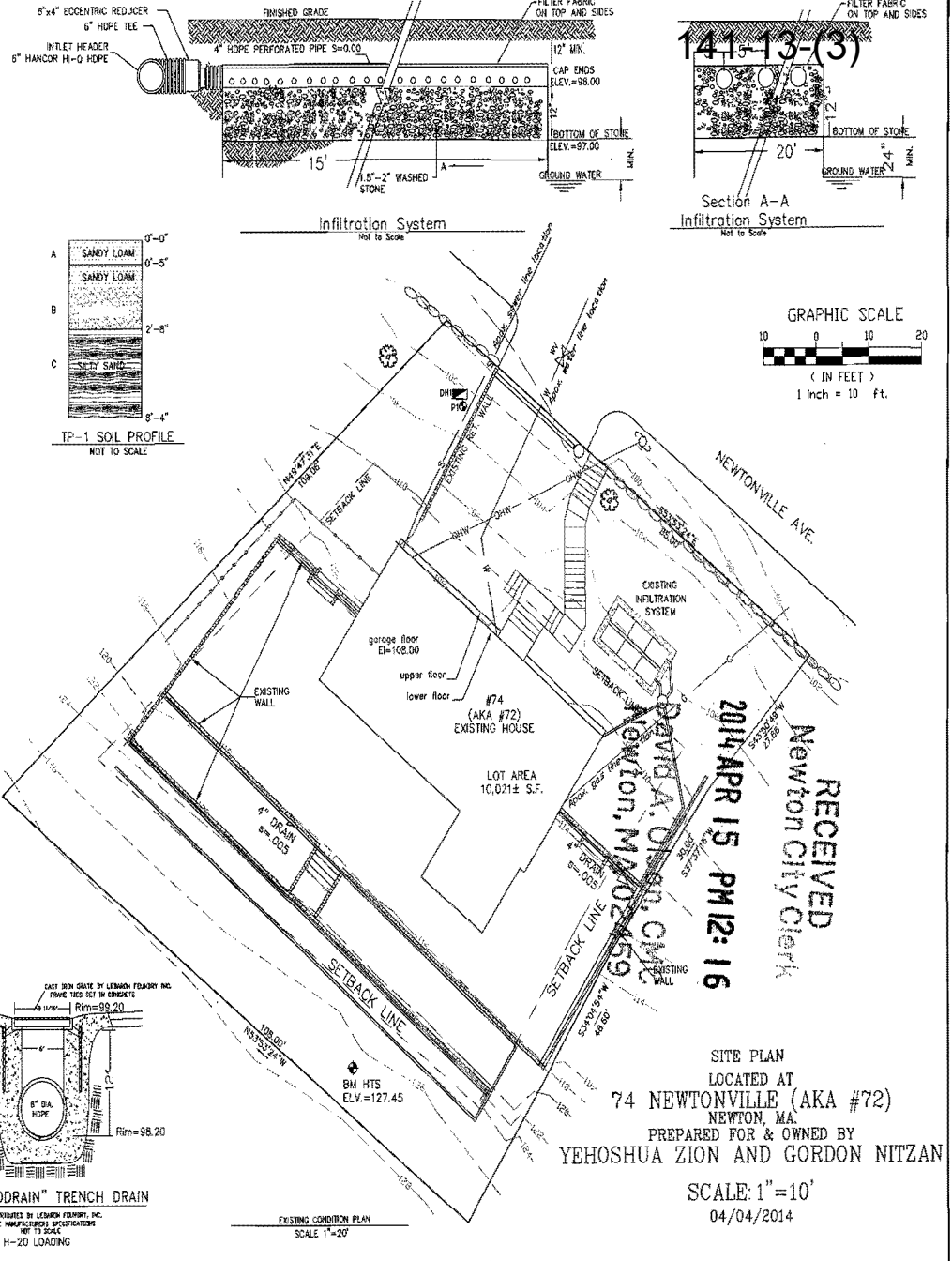
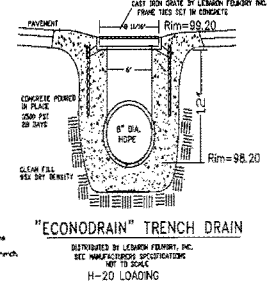
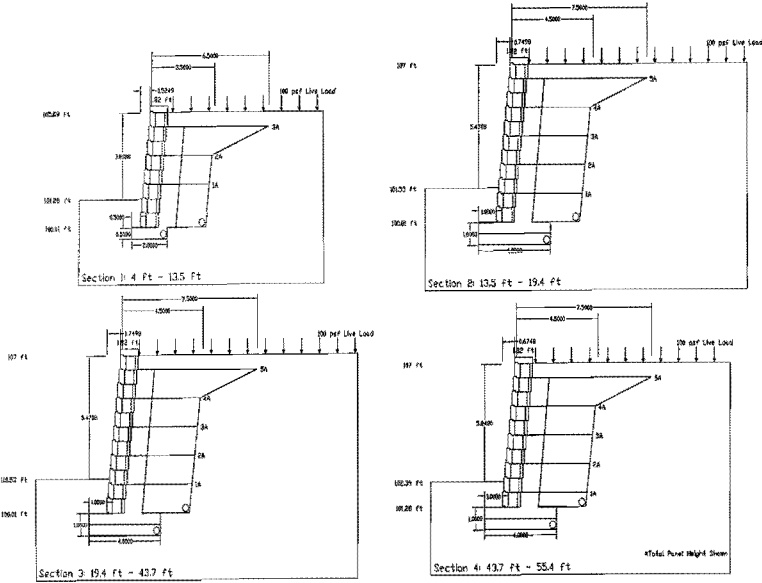
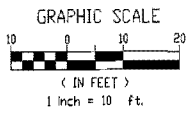
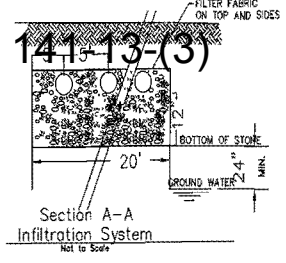
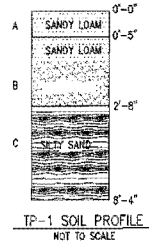
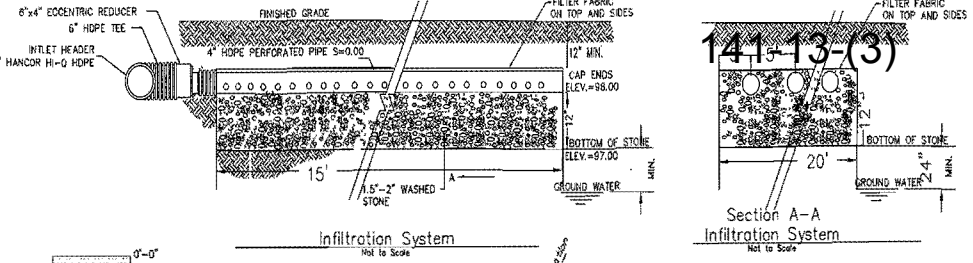
ZONING DISTRICT: SR-3	REQ. 30'
FRONT SETBACK:	15'
SIDE SETBACK:	15'
REAR SETBACK:	20%
MAX. LOT COVERAGE:	65%
MIN. OPEN SPACE:	

RECD REF. BOOK: 50893 PAGE: 387
 PLAN NUMBER: 130 OF 1973
 RECORDED @ 04/04/2014 ONLY REGISTRY OF DEEDS
 ASSESSORS MAP ID: 0345W

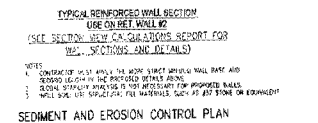
ALPHA OMEGA ENGINEERING INC.
 CIVIL ENGINEERS, LAND SURVEYORS
 ENVIRONMENTAL CONSULTANTS
 25 HIGHLAND VIEW DR
 SUTTON, Massachusetts 01590
 (508) 865-9551
 Fax: (508) 865-9551
 info@alphaomegacorp.net
 www.alphaomegacorp.net



Section	1	2	3	4	5
Top	105.99	107	107	107	103.82
Bottom	100.01	100.01	100.01	100.29	103.65
Section Cut	13.55	19.42	19.42	4.366	59.41
Station End	13.55	19.42	4.626	55.41	64.63



DAVID A. O'SHEA, C.M.C.
 Newton, MA 02459
 2014 APR 15 PM 12:16
 RECEIVED
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 LOCATED AT
 74 NEWTONVILLE (AKA #72)
 NEWTON, MA
 PREPARED FOR & OWNED BY
 YEHOShUA ZION AND GORDON NITZAN
 SCALE: 1"=10'
 04/04/2014



RETAINING WALL INSTALLATION INSTRUCTIONS:

- Base Preparation**
1. Excavate the area by removing all surface vegetation and organic materials from the area. These cannot be used as backfill material.
 2. If reinforcement is needed excavate behind the wall to accommodate the design length of the geogrid.
 3. Dig a base trench 24 in. wide the length of the wall.
 4. The depth of the trench will be 6 in. plus an additional 1 in. for each 1 ft of wall height for the amount of buried block that is needed.
 5. Compact the base trench making a minimum of two passes with a walk behind plate compactor.
 6. Foundation soils at the bottom of the base trench must be firm and solid. If the soils are made up of heavy clay or wet soils, or the areas have been previously excavated, remove this material and replace with a granular material, compacting in 8 in. lifts or less.
- Backfilling and Compaction**
1. Fill in the area in front of the blocks with on-site soils. This will keep the base course blocks from shifting while filling and compacting.
 2. Fill the hollow cores of the base course and 12 in. behind the block with wall rock to the height of the block.
 3. Use Infil or approved on-site soils to backfill behind the wall rock in lifts of no more than 6 in.
 4. Use a plate compactor to consolidate the wall rock directly behind the block then compact in a path parallel to the wall, working from the back of the block to the back of the excavated area with a minimum of 2 passes.
 5. Check the base course for level and adjust as necessary.
 6. Every course after the first course requires compaction starting on the block.

- SEDIMENT AND EROSION CONTROL PLAN**
1. Silt fence must be installed around the infiltration system area and trench drain before digging the system and be maintained until after the system is covered.
 2. The construction of the infiltration system must be done when there is no rain is expected for at least three days.



ALLEN PAIGE
 DATE: P.E. #12740



ALLEN PAIGE
 DATE: P.L.S. #12786

CERTIFY THAT THE EXISTING BUILDING IS LOCATED AS SHOWN HEREON AND THAT THE PROPOSED WALL DOES NOT CONFORM TO THE DIMENSIONAL SETBACK REQUIREMENT OF THE ZONING BYLAW OF THE CITY OF NEWTON, MA.

THE EXISTING STRUCTURE IS NOT LOCATED WITHIN A FEDERAL FLOOD ZONE PER HUD MAP # 25017C COMMUNITY # 0552E DATED 06/04/2010

ZONING DISTRICT: SR-3
 FRONT SETBACK: 30'
 SIDE SETBACK: 15'
 REAR SETBACK: 15'
 MAX. LOT COVERAGE: 20%
 MIN. OPEN SPACE: 65%

USED REF. BOOK 59883 PAGE 367
 PLAN NUMBER 136 OF 1973
 RECORDED @ REGISTERED CITY CLERK'S OFFICE OF DEEDS
 ASSESSOR'S MAP 15-10345W

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