

PROPOSED SITE PLAN OF LAND AT

73 & 77 CROSS ROAD
HAVERHILL, MASSACHUSETTS

OCTOBER 6, 2016

OWNER:

CLAIR & ROGER LAROCHE
152 ABBOT ST.
NO. ANDOVER, MA 01845

APPLICANT:

RKACO, L.L.C.
1501 MAIN ST.
TEWKSBURY, MA.

SITE CONSTRUCTION SEQUENCE:

1. Set erosion demolition control measures as per plan.
2. Remove topsoil and stockpile within erosion control
3. Construct demolition stabilized entry
4. Demolish existing buildings and foundations and remove from site. Fill foundations holes to surrounding grade.
5. Grade, loam, seed and mulch all disturbed areas.
6. Construct new construction stabilized entries.
7. Place new construction erosion control.
8. Excavate and construct new foundations.
9. Excavate and install new drainage structures and sewer, water and utilities services.
10. Grade and construct walks and driveways.
11. Loam, seed and mulch all areas to be grassed

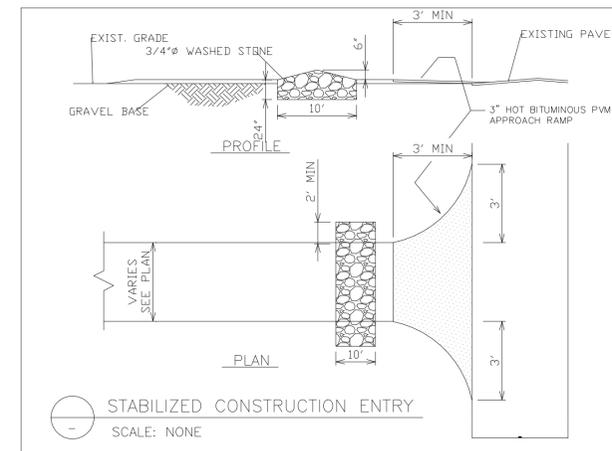
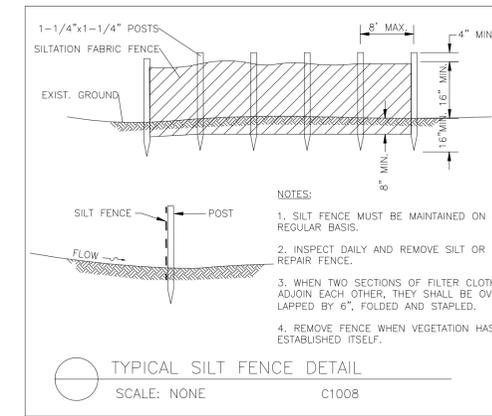
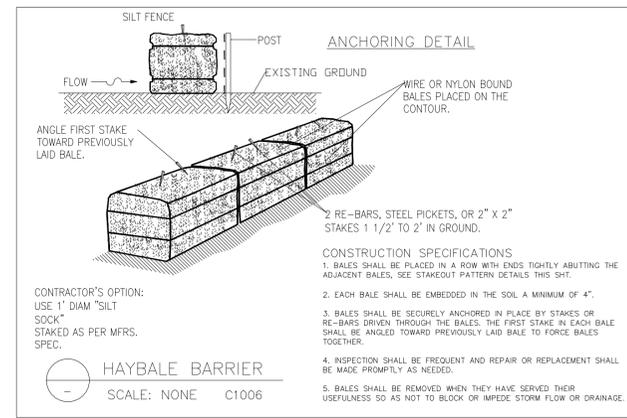
ASSESSORS PLAN 731
BLOCK 770
LOT 2, 2A
AREA 1.15 AC.
DEED BOOK 4493 PAGE 251
ZONE RH

SEE ALSO DEED BOOK 5973, PAGE 720

NOTE: ALL EXISTING BUILDINGS AND IMPERVIOUS PAVEMENT WILL BE REMOVED FROM LOTS

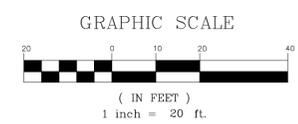
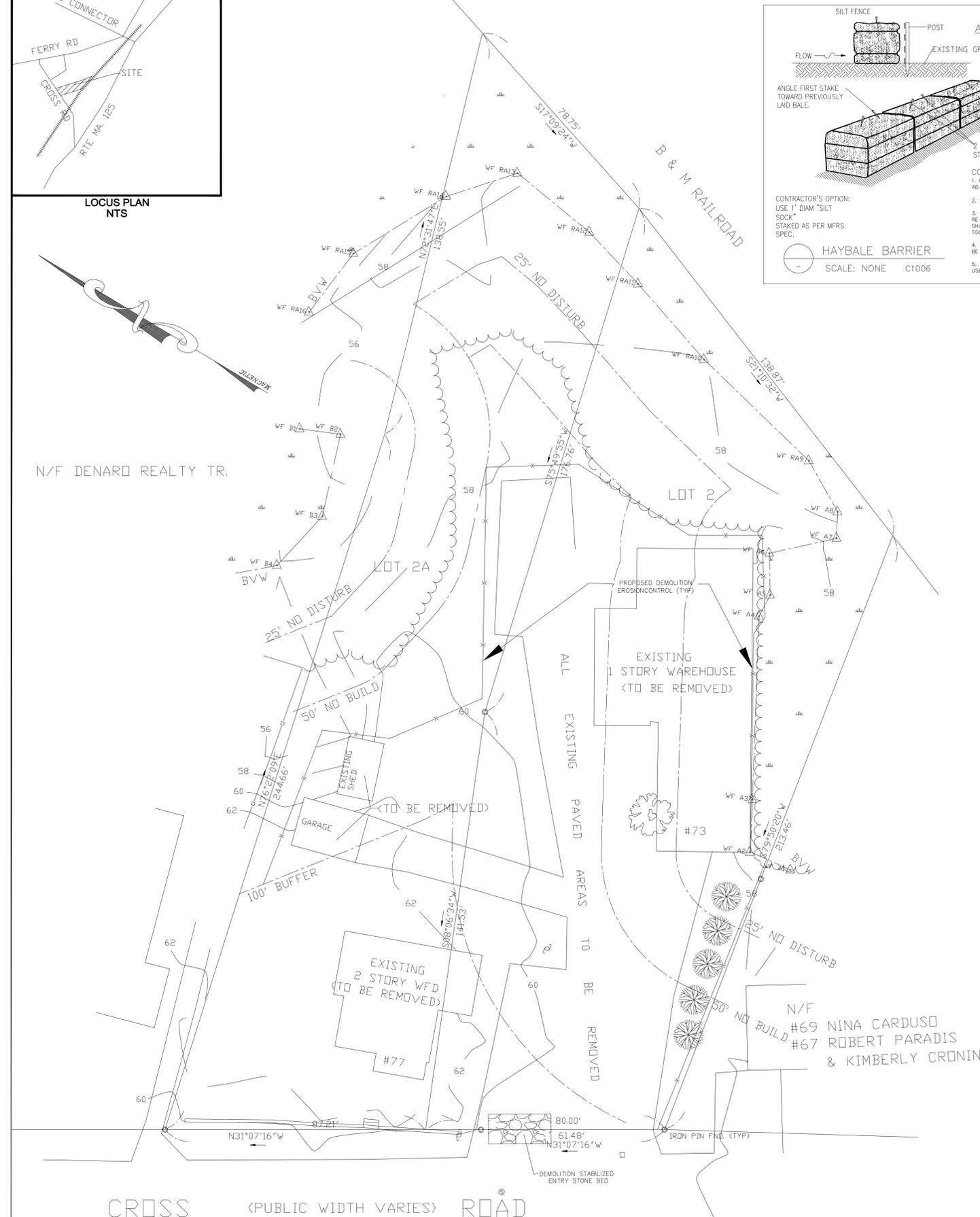
EROSION & SEDIMENT CONTROL NOTES:

1. Areas remaining unstabilized for a period of more than 14 days shall be temporarily seeded and mulched.
2. Permanent seeding shall occur between April 1 and June 1 and/or between August 15 and October 15. All seeding from September 15 to October 15 shall be hay mulched.
3. All disturbed area not in pavement or landscaped areas shall receive 6 inches of loam and seed.
4. The Contractor shall be responsible for implementing erosion control measures in order to prevent off-site tracking of earth, sediment and debris.
5. Dust shall be controlled as necessary through the use of water.
6. Soils stockpiled for a period of more than 14 days shall be temporarily seeded and mulched. All stockpiles shall be encircled with siltation fencing.
7. All permanent seeding shall use M6.03.0 seeding mixtures for slopes & shoulders as specified in the latest edition of the Massachusetts Standard Specifications for Roadway & Bridges and as approved by the City of Haverhill Conservation Commission.
8. All temporary/erosion seeding shall use M6.03.1 seeding mixtures for erosion as specified in the latest edition of the Massachusetts Standard Specifications for Roadway & Bridges and as approved by the City of Haverhill Conservation Commission.
9. Contractor shall repair, clean, and replace any sediment controls damaged during and/or after rainfall events or as directed by Engineer/City of Haverhill Conservation Commission.
10. Dewatering of work zones if required, shall be discharged into approved sediment retention measures. The Contractor shall not discharge directly into existing storm drainage systems, watercourses or waterways. All catch basins shall have sediment filters installed in the inlets.
11. Demolition erosion control shall be the limit of work for the demolition phase. New construction erosion control shall be the limit of work for the new construction phase.



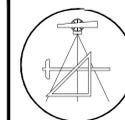
GENERAL NOTES:

1. Boundary information based upon "Proposed Site Plan Of Land At 73-77 Cross Road Haverhill, Massachusetts" dated April 27, 2016 as prepared by RAM Engineering, Haverhill MA. Additional topography and information was compiled from onsite survey performed by RAM Engineering, Haverhill, MA.
2. The Contractor shall be responsible for verify and determining the location, size and elevation of all existing utilities, shown or not shown on these plans prior to the start of any construction. The engineer shall be notified in writing of any utilities found interfering with the proposed construction and appropriate remedial action shall be agreed to by the Engineer before proceeding with the work. The Contractor shall be responsible to contact "DIGSAFE" (888) 344-7233 at least 72 hours before digging.
3. The contractor shall contact all utility companies owning utilities, either overhead or underground, within the construction area and shall coordinate with the utility companies. The protection or relocation of utilities is the responsibility of the contractor.
4. The contractor is responsible for the means and methods of construction and for conditions of the site. These plans prepared by RAM Engineering, do not extend to or include systems pertaining to the safety of the Construction Contractor or the Employees, Agents of Representatives in performance of the work. The seal of the architect or engineer hereon does not extend to any such safety systems that may now or hereafter be incorporated into these plans. The Construction Contractor shall prepare of obtain the appropriate safety systems that may be required by the US Occupational Safety and Health Administration (OSHA) and/or local regulations.
5. This project is to be constructed to the typical sections and details shown on the plans, and shall meet the standards of the City of Haverhill and the requirements of the latest Massachusetts Standard Specification for Highway and Bridges unless otherwise noted.
6. The Contractor is responsible of all permits, fees, temporary utilities and coordination with all agencies in obtaining access to the site and performing all work required for this project.
7. All disturbed areas not otherwise shown to be treated shall be loamed and seeded to a depth of six inches.
8. Contractor shall protect and maintain existing benchmarks and bounds. All benchmarks and bounds disturbed by the Contractor shall be re-established by a Massachusetts registered land surveyor at no expense to the Owner.
9. All proposed grades shall be less than 2 to 1.
10. Vertical datum based upon NVD'88.
11. All work shall conform to an Order of Conditions issued by the Haverhill Conservation Commission.



ROBERT A. MASYS, P.E.

SHEET 1 OF 2 EXISTING CONDITIONS AND DEMOLITION



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