

**Drawing Reference**

This plan based on the drawing provided by Meyers & Associates Architects and the survey performed by Everett M. Brooks Co., Surveyors & Engineers.  
City of Newton Bench Marks Used - TBMs set at front of property as noted

All utility design shall be installed in accordance with the requirements of the City of Newton Department of Public Works.

**Owner Address**  
115 Elinor Road  
Newton, MA 02461  
Contact Person - Andrew Lamuda  
(617) xxx-xxxx

**Owner of Record**  
Andrew Lamuda  
Phoeba Lamuda  
Book 76762, Page 138

**Map ID**  
129NE  
**Property ID**  
81034 0013

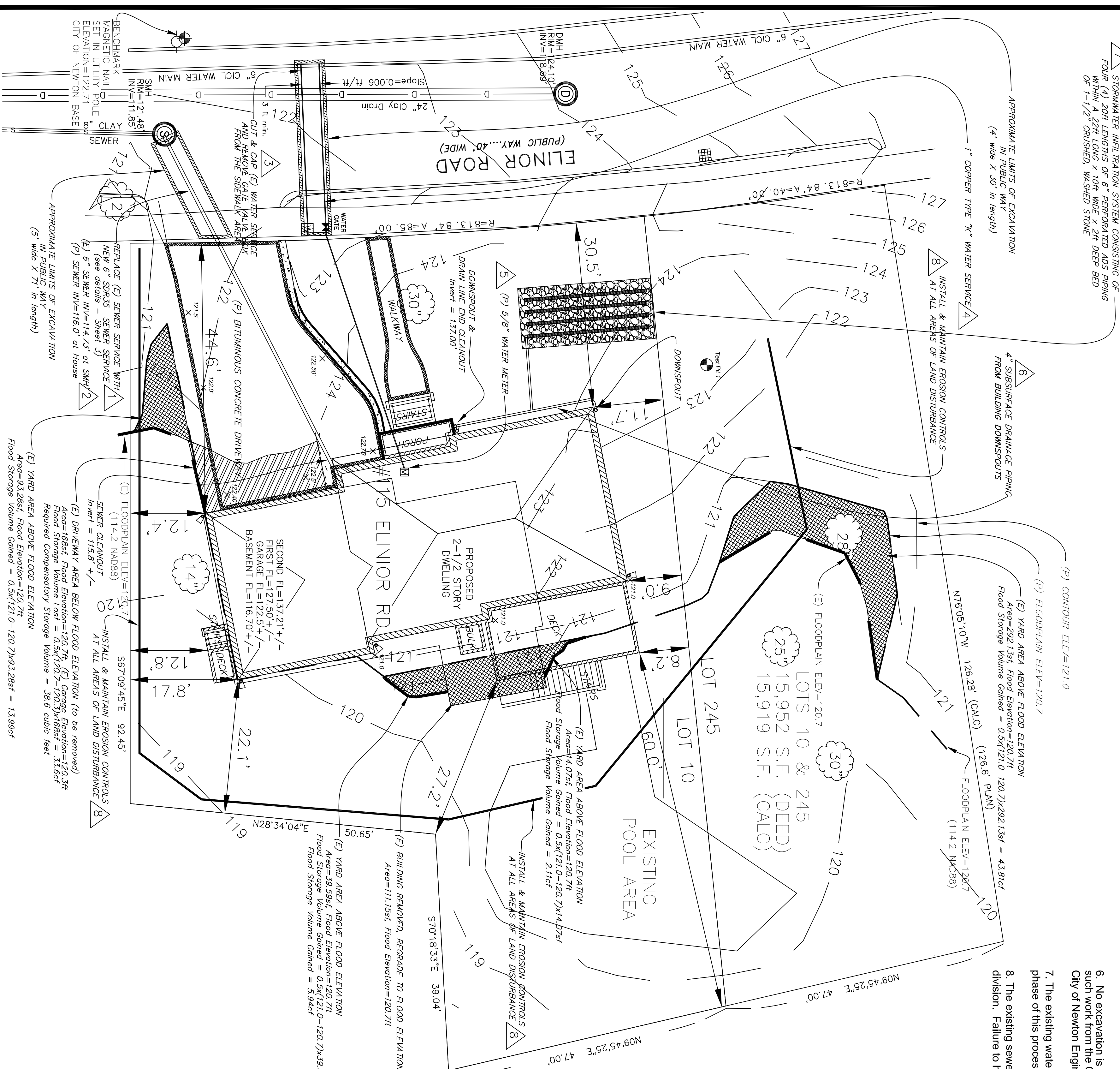
**Project Information**

Construction of a new Single Family Residential Dwelling  
4 Bedrooms Total

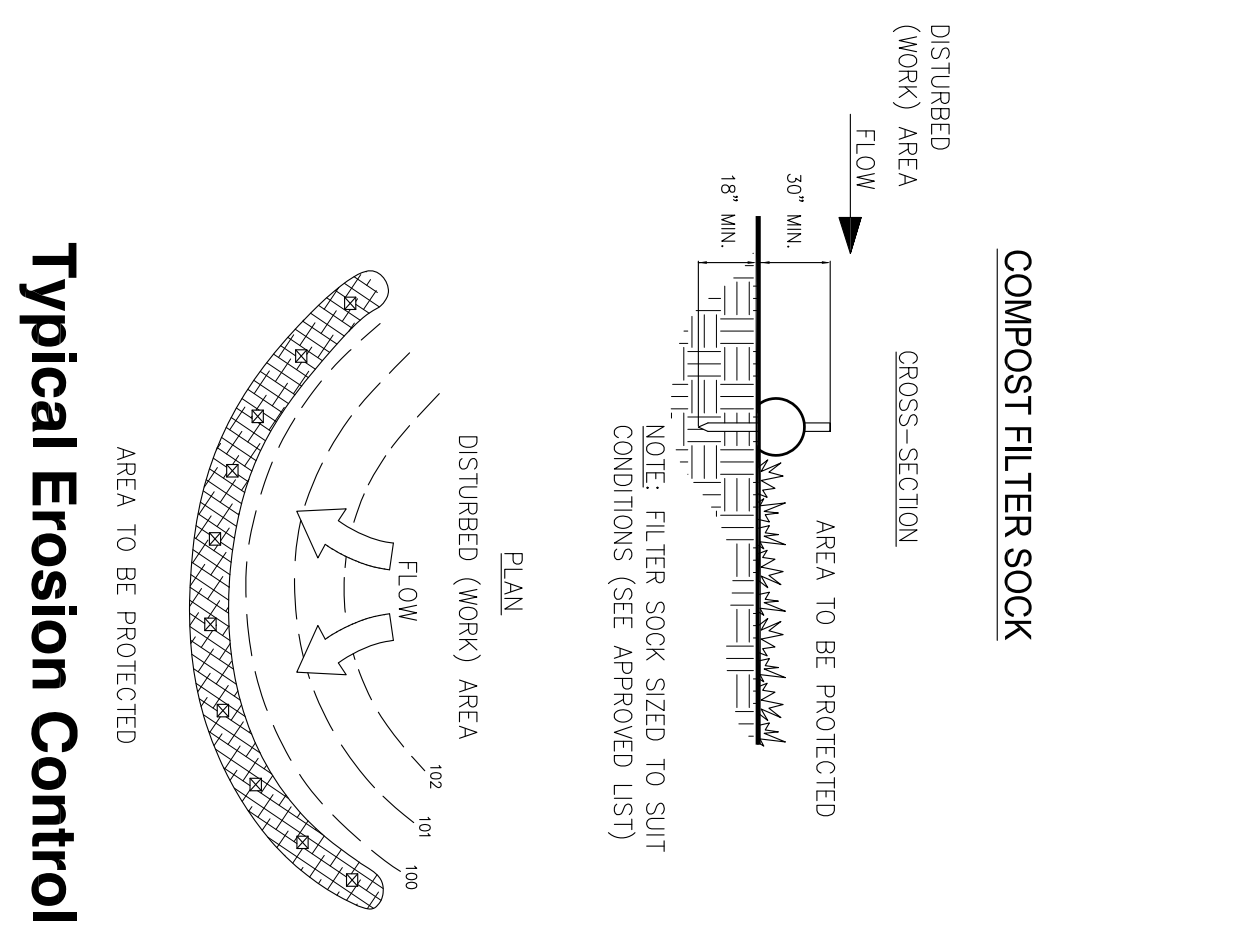
1. Anticipated Daily Sewage Flow = 440 gpd
2. (P) 6" SDR35 Sanitary Sewer Connection
3. (P) 1" Domestic Water Service with a 5/8" Meter
4. Drainage: Rain leaders connected to 4" PVC subsurface piping that is directed into a drainage system consisting of 6" ADS perforated piping embedded in a 22" x 11" x 2' field of 1-1/2" crushed washed stone located at the left side of the property.

**General Notes**

1. 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.
2. After all engineering permits are obtained, the contractor needs to notify the Engineering Division Construction Inspector a minimum of 48-hours in advance and schedule an appointment to have site utilities and stormwater components inspected. The system & utilities must be fully exposed for the inspector. Once the inspector is satisfied, the system & utilities may be backfilled.
3. The contractor must provide Police Details scheduled 48 hours in advance, for the direction and control of traffic, as required by the City Engineer. All roads affected by construction shall remain open to emergency vehicles at all times. Contractor is to coordinate with Police and the Department to ensure Public Safety.
4. All work must be done in accordance with "City of Newton Standard Specifications" and "City of Newton Construction Details", copies of which may be obtained at the Engineering Office. All work shall be subject to inspection and approval by the City of Newton Engineering Department.
5. 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, both on public and/or private property.
6. No excavation is allowed within any City right-of-way between November 1<sup>st</sup> and April 1<sup>st</sup>. If an emergency exists or there are extenuating circumstances, Applicant may seek permission for such work from the City 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.
7. The existing water service must be completely removed from the dwelling to the corporation at the main. The corporation shall be capped, and a new tap shall be made for the new service. Each phase of this process must be inspected by a representative of the Engineering Division. Failure to having this inspection performed, may result in the delay or denial of a water service permit.
8. The existing sewer service must be completely removed from the dwelling to the main. The removal, along with the new connection must be inspected by a representative of the Engineering Division. Failure to having these inspections performed, may result in the delay or denial of a sewer service permit.
9. The new sewer service(s) and/or structure(s) shall be pressure tested or videotaped after final installation is complete. Method of final inspection shall be determined solely by the construction inspector from the City Engineering Division. The sewer service will not be accepted until one of the two methods stated above is completed. A Certificate of Occupancy will not be recommended until all piping and structures are tested and pass.
10. The new water service shall be installed in conjunction with the City of Newton Utilities Division. The owner/contractor may obtain a water service application by contacting the Utilities Division (617) 796-1640 or by visiting the City of Newton website and click the link for Public Works / Utilities Division. After the application is paid in full the owner/contractor shall follow the instructions plan notes mentioned and following.
11. With the exception of gas services, all utility trenches within the City of Newton right-of-way will be back filled with Type 1E (excavatable) controlled density fill as specified by the City of Newton Engineering Specifications. Excavatable flow fill with extend to within 18" of roadway asphalt.
12. Per City of Newton Ordinance No. B-42, Council Item #251-19, Building Sewer, Water Service Pipe and Sidewalk/Curb Replacement Ordinance. The applicant is required to install/replace sidewalk and curb along the entire footage. This shall include appropriate transition to adjoining curbing and walkways, including accessible curb cuts and other access as required. The Engineering Construction Inspector makes a determination, based on the material and manner of construction of the existing sidewalk and curb, that the existing sidewalk and curb has the ability to be re-set or reused without replacement.
13. 5 Year Memorandum Applies - If at time of construction the roadway is under a 5-year moratorium, the roadway must be milled and paved gutter-to-gutter for a distance of 25 feet in each direction from the outermost trenches.
14. The contractor is responsible for notifying the design engineer for inspections and as-built locations. The engineer of record is responsible for the on-site inspection(s) of all subsurface structures. This includes but not limited to: drainage, utilities (including sewer pipe slope), roof leader collection system, trench drains, manholes etc. ENGINEER OF RECORD MUST ALSO CONDUCT BOTTOM OF HOLE INSPECTION(S) PRIOR TO SUBSURFACE DRAINAGE SYSTEM(S) BEING INSTALLED. CONTRACTOR TO NOTIFY ENGINEER BEFORE BACKFILL OR SIGN OFF CANNOT OCCUR WITHOUT RE-EXCAVATION.
15. Prior to the Engineering Division recommending that a Certificate of Occupancy be issued, an As-Built plan must be submitted in both digital and in hard copy to the assigned Engineering Construction Inspector. The As-Built plan must show dimensional ties from fixed points (foundation corners) to all subsurface components as well as final grading. The As-Built plan must be stamped, signed, and dated by the Engineer of Record.



NO.	DESCRIPTION	DATE	INSPECTOR
1	REMOVE (E) SEWER SERVICE FROM SEWER MANHOLE		
2	6" SEWER SERVICE INSTALLATION TO SEWER MANHOLE		
3	QUIT & CAP (E) WATER SERVICE		
4	1" DOMESTIC SERVICE INSTALLATION		
5	5/8" DOMESTIC METER INSTALLATION		
6	4" SUBSURFACE PIPING FROM BUILDING DOWNSPOUTS		
7	INSTALL STORMWATER INFILTRATION SYSTEM		
8	INSTALL & MAINTAIN EROSION CONTROLS		
9	AS-BUILT DRAWINGS		



**Erosion Control Notes**

The Site Contractor shall be responsible for Erosion and Sedimentation Control measures during construction, as outlined in the Erosion Control Plan and as requested by the City of Newton.

Erosion controls shall be inspected and repaired as necessary on a monthly basis and before and after major storm events.

Seeding of disturbed areas should be performed as work activities and weather conditions permit in order to minimize the erosion of soils on site.

<p><b>PROPOSED CONSTRUCTION</b> 115 ELINOR ROAD NEWTON, MA 02461 NOVEMBER 18, 2021</p>	<p>SCALE 1"=10'</p>	<p>REVISIONS</p> <table border="1"> <tr><td>1</td><td>ISSUED FOR REVIEW</td><td>11-22-21</td></tr> <tr><td>2</td><td>REVISED FLOOR ELEVATIONS</td><td>12-14-21</td></tr> <tr><td>3</td><td>REVISED DRAINAGE SYSTEM LAYOUT</td><td>7-15-22</td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> </table>	1	ISSUED FOR REVIEW	11-22-21	2	REVISED FLOOR ELEVATIONS	12-14-21	3	REVISED DRAINAGE SYSTEM LAYOUT	7-15-22	4			5			6			7			8			9				<p><b>HAYES &amp; ASSOCIATES</b> Civil Engineers 40 Harrison Avenue, Woburn MA 01801 (781) 998-0246</p>
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