

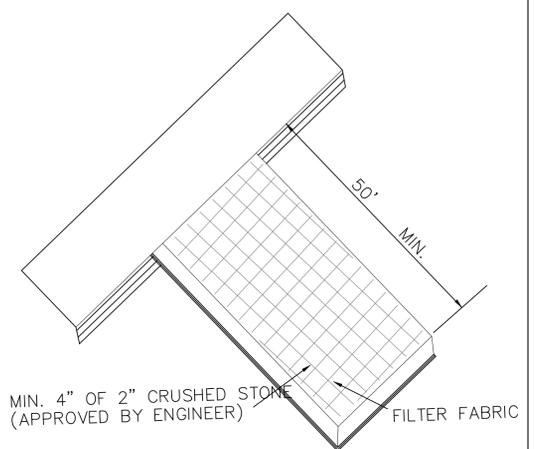
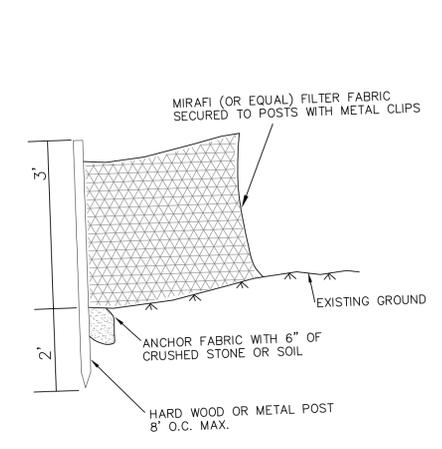
- GENERAL EROSION AND SEDIMENTATION NOTES:**
1. LAND DISTURBANCE WILL BE KEPT TO A MINIMUM. RESTABILIZATION WILL BE SCHEDULED AS SOON AS PRACTICAL.
 2. GRADED AREAS ARE TO BE LOAMED AND SEEDED AS SOON AS POSSIBLE AFTER CONSTRUCTION WORK IS COMPLETED.
 3. ALL OTHER AREAS AFFECTED BY CONSTRUCTION AND NOT TO BE FILLED ARE TO BE RESTORED TO ORIGINAL GRADE AND SEEDED.
 4. FOR SPECIFIC DETAILS AND THE APPLICATION OF EROSION AND SEDIMENTATION CONTROL, REFER TO THE LATEST "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND AS AMENDED TO DATE.
 5. FABRIC SEDIMENTATION BARRIER TO BE FIRETEX 150 GRADE, AS MANUFACTURED BY CROWN ZELLEBRACK, OR APPROVED EQUAL, OR STAKED HAYBALES.
 6. SEDIMENTATION BARRIER TO BE INSTALLED AS SHOWN ON THIS PLAN.
 7. ALL CONTROL MEASURES TO BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
 8. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED.
 9. SEDIMENT REMOVED FROM CONTROL STRUCTURES SHALL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
 10. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY UNFORSEEN FIELD CONDITIONS.
 11. ALL CONSTRUCTION TO CONFORM TO THE STANDARDS OF THE TOWN OF EAST HARTFORD.
 12. THE DEVELOPER IS RESPONSIBLE FOR NOTIFYING THE PLANNING AND ENGINEERING DEPARTMENTS AT LEAST 24 HOURS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.
 13. ANY LOAM, GRAVEL OR FILL FILE IS TO BE REMOVED FROM A LOT BEFORE A BUILDING PERMIT IS ISSUED FOR THAT LOT.

- Sediment and Erosion Control Construction Sequencing:**
Common Sequencing for all phases:
- 1) One week prior to commencement of construction, the Town of Newington Inlands Wetlands agent and Call-Before-You-Dig (1-800-922-4455) shall be notified.
 - 2) Site Contractor shall provide an erosion and sedimentation schedule for anticipated dates of completion. The schedule shall note measures that are seasonally affected (frozen ground, planting, etc.) and shall propose additional measures that may be required to provide erosion protection in that schedule.
 - 3) Silt fence required for each phase shall be installed per owner's engineer recommendation. When silt fence has been inspected by owners' licensed engineer, and approved by the inland wetlands agent, clearing and grubbing may proceed in areas where reserve topsoil storage is to occur.
- Phase 1:**
 Will include construction of the driveway from East Robbins Avenue, Rough grading per Parcel. Installation of a new 6" sewer line, 1" gas and 1" water lines from the proposed house location to the lateral hook-up.
- 1) After completion of steps 1-3 common sequencing, construction entrance pad shall be installed at the location of the proposed driveway.
 - 2) Stumps are not to be buried on site and are to be temporarily stored in the areas designated for topsoil reserve until they are removed from the site.
 - 3) All soil erosion control measures to be used on the project are as indicated on this sheet. Erosion control measures shall be in conformance with the provision of the Connecticut "Guidelines for Soil Erosion and Sediment control" 2002 edition.
 - 4) Once erosion control measures have been completed and approved by the owner's engineer, the 6" sewer line shall be installed from the Y connection to the existing lateral. Soil stockpiles and deposition areas for construction material shall be located outside wetland areas as shown on the plan, and shall be surrounded on downhill edges by properly installed silt fencing. Temporary vegetation and /or hay mulching shall be used to protect bare areas and stockpiles for erosion during construction. Bare earth slopes and soil stockpiles shall be kept to a strict minimum at all times.
 - 5) This project will require cuts and fills as shown on the plans. The contractor will provide a cut and fill plan to the owner's engineer for approval and for review with compliance with soil and erosion control measures. Cuts or fills shall not exceed a grade of 3 horizontal to 1 vertical, unless a boulder retaining wall is used, in which case grade may reach a maximum of 1 horizontal to one vertical.
 - 6) After the installation of the first sewer line, the house foundation and basement walls will be built. Water and gas mains will be extended to the house at this time.
 - 7) The last sewer line shall be extended from the Y to the house and the final grading completed around the retaining walls and the house.
 - 8) As soon as weather permits after completion of fine grading, all disturbed areas shall be permanently stabilized with placement of loam and a suitable grass seed mixture (Lofts Ecology mix for lawns and Lofts native grasses mix for the remainder of the site) and covered with a mat of loose hay prior to the completion of the project, except for steep areas where coco fiber matting or jute matting is specified. Grades completed outside the growing season shall be stabilized as indicated in erosion notes.
 - 9) Following successful stabilization of disturbed areas, all silt fencing shall be removed. Prior to that removal, all accumulated trapped sediments must be removed to a suitable upland site.
 - 10) Paving shall be done after temporary and permanent structures are in place. At this time, pavement in the street will be saw cut and removed for one foot around all new trench work, and new paving will be installed over properly compacted base material and sealed at the edges after roller compaction of final surface.

The Subdivision Regulation of the Town of Newington are a Part of this Plan and Approval of the Plan is Contingent on Compliance with all Requirements thereof.

Approved by the Newington Town Planning and Zoning Commission

Signed _____
 Chairman/Secretary



- LEGEND**
- EXISTING CONT MNR
 - EXISTING CONT. MGR
 - PROPOSED CONT. MNR
 - PROPOSED CONT. MGR

ENGINEERS: INGA CONSULTING ENGINEERS ANDREW T. INGA REG. 14894 HARTFORD, CONNECTICUT	UTILITIES & IMPROVEMENT PLAN 55 EAST ROBBINS AVENUE, NEWINGTON, CT	JOB NO: - DRAWN BY: T.I. DESIGNED BY: T.I.
	SURVEYOR:	CHECKED BY: T.I. DATE: March 4, 2020 SCALE: =1:20 DRAWING NO:
PROPOSED HOUSE LAYOUT PREPARED FOR HELTON DORNELAS 55 EAST ROBBINS AVENUE NEWINGTON		1