

1. NO WORK SHALL COMMENCE UNTIL PERMITS ARE OBTAINED FROM THE TOWN LOCAL MUNICIPALITY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY, COORDINATION WITH THE OWNER AND ALL SUBCONTRACTORS, AND THE MEANS AND METHODS OF CONSTRUCTING THE PROPOSED WORK.
3. CONTRACTOR SHALL FOLLOW ALL STANDARDS FOR EXCAVATING WORK, FOLLOW ALL REQUIREMENTS OF OSHA EXCAVATION STANDARDS INCLUDING, BUT NOT LIMITED TO, THE PROVISION FOR A COMPETENT PERSON ON SITE AND ANY REQUIRED DOCUMENTATION REQUIRING CERTIFICATION BY A PROFESSIONAL ENGINEER.
4. PER MASSACHUSETTS LAW, CALL 1-888-DIG-SAFE (1-888-344-7233), THE MUNICIPALITY ADVISES UTILITY OWNERS IN THE AREA NOT TO DISREGARD ANY MESSAGE FROM 72-URR. PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST DISPLACE VERIFICATION NUMBER TO THE APPROPRIATE MUNICIPALITY AND NOTIFY ANY DEEMEDLY NONGRADE ROAD REPAIR, DEMOLITION, BORING, BACKFILLING, GRADING, LANDSCAPING, OR ANY OTHER EARTH MOVING OPERATIONS.
5. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SOME UTILITIES MAY NOT BE SHOWN.
6. IF SUBSURFACE CONDITIONS OR ELEVATION TO GROUNDWATER APPEAR TO BE DIFFERENT THAN WHAT IS DEPICTED ON THIS PLAN, THE ENGINEER OF RECORD SHALL BE NOTIFIED IMMEDIATELY.
7. NOTIFY THE ENGINEER OF ANY UTILITIES IDENTIFIED DURING CONSTRUCTION THAT ARE NOT SHOWN ON THE DRAWINGS OR THAT DIFFER IN SIZE OR MATERIAL.
8. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF FIELD CONDITIONS ARE OBSERVED THAT VARY SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS, IMMEDIATELY NOTIFY THE ENGINEER IN WRITING FOR RESOLUTION OF THE CONFLICTING INFORMATION.

1. PRIOR TO THE COMMENCEMENT OF WORK, SEDIMENT BARRIERS SHALL BE INSTALLED ALONG THE LOCATIONS INDICATED ON THE PLAN. ADDITIONAL BARRIERS, SLOTTED FENCE OR BERMUS SHALL BE LOCATED AS CONDITIONS WARRANT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE, OR THE LOCAL AUTHORITY THE TOWN IS TO BE CONTACTED PRIOR TO START OF WORK FOR INSPECTION OF THE EROSION CONTROL MEASURES.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL TEMPORARY AND PERMANENT SEDIMENT CONTROL MEASURES, INCLUDING CONCRETE WASHOUT AREAS AND STOCKPILE AREAS, UNTIL WORK IS COMPLETE AND ALL AREAS HAVE BEEN PERMANENTLY STABILIZED.
3. THE CONTRACTOR SHALL INSPECT SEDIMENTATION AND EROSION CONTROLS ON A WEEKLY BASIS AND IMMEDIATELY AFTER EACH RAINFALL. REPAIRS SHALL BE MADE PRIOR TO THE END OF EACH RAINFALL. SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, AS REQUIRED BY THE LOCAL AUTHORITY OR AS DIRECTED BY THE ENGINEER.
4. NO MATERIALS SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN THE RIVERFRONT AREA UNLESS CONTAINED BY SEDIMENT BARRIERS OR COVERED.
5. DISTURBED AREAS SHALL BE STABILIZED BY LOAM AND SEED, OR BY ANOTHER APPROVED METHOD, AS SOON AS POSSIBLE AFTER THE FINISH GRADE HAS BEEN ESTABLISHED. FERTILIZER SHALL BE APPLIED TO THE GROWING SEASON. THESE AREAS SHALL BE MULCHED WITH HAY AND SECURED.
6. DUST CONTROL: IF DUST IS GENERATED DURING CONSTRUCTION ACTIVITIES THEN THE USE OF WATER TRUCKS OR WATER SPRINKLING WILL BE IMPLEMENTED.
7. DEBRIS & LITTER REMOVAL: ALL DEBRIS & LITTER SHALL BE REMOVED WHENEVER POSSIBLE.
8. STREET SWEEPING IN THE VICINITY OF THE PROJECT AREA SHALL BE PERFORMED IF NEEDED UNTIL THE PROJECT LIMITS HAVE BEEN STABILIZED. ALL SEDIMENT TRACKED ONTO PUBLIC RIGHT OF WAYS OR PAVED AREAS SHALL BE REMOVED IMMEDIATELY.
9. IF A DRAINAGE OR RUN-OFF PROBLEM OCCURS DURING CONSTRUCTION, THE APPLICANT SHALL TAKE IMMEDIATE CORRECTIVE MEASURES.
10. ALL STUMPS SHALL BE REMOVED FROM THE SITE. NO STUMPS SHALL BE BURIED ON SITE.
11. STOCKPILES SHALL HAVE EROSION CONTROL MEASURES AROUND THE PERIMETER AT ALL TIMES. STOCKPILES SHALL BE LOCATED ONLY WITHIN THE LIMIT OF WORK BOUNDARIES AND AS FAR AWAY AS REASONABLY POSSIBLE FROM THE RESOURCE AREAS.
12. UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS SHALL BE IMMEDIATELY STABILIZED WITH A 4-6 INCH LAYER OF LOAM AND SEED.
13. AT THE COMPLETION OF THE PROJECT, ALL DISTURBED AREAS ARE TO BE PERMANENTLY LOAMED AND SEED OR PERMANENTLY STABILIZED WITH SUITABLE GROUND COVER APPROVED BY THE ENGINEER.
14. ALL FUEL OIL, GREASE, OIL, AND FLAMMABLE LIQUIDS, IF REFUELING IS REQUIRED, IT SHALL BE PERFORMED OUTSIDE THE RIVERFRONT AREA/BUFFER ZONE AND A SPILL KIT SHALL BE KEPT ON-SITE AT ALL TIMES.

1. INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLAN.
2. REMOVE NECESSARY TREES AND STUMPS.
3. START GRADING AND CONSTRUCTION OF RETAINING WALL AND BACKFILL. ALL BACKFILL MUST BE CLEAN AND FREE OF STONES OR BOULDERS GREATER THAN 6" SIZE. SEE SEPTIC PLAN FOR FURTHER DETAILS.
4. INSTALL SEPTIC SYSTEM.
5. PREPARE FINAL GRADING, LOAM AND SEED.
6. REMOVE AND DISPOSE OF SILTATION BARRIER ONCE VEGETATION IS WELL ESTABLISHED AND EROSION IS UNDER FULL CONTROL.

1. THIS PLAN REFERENCES A SURVEY PLAN PREPARED BY MCDONALD LAND SURVEYING, INC, DATED 10/15/2022.
2. THIS PLAN REFERENCES A APPROVED SEPTIC PLAN TITLED "10 IYV ROAD LITTLETON MA SEPTIC UPGRADE" PREPARED BY CHONGRIS ENGINEERING, DATED 10/15/23.
3. EXISTING CONDITIONS PLAN WAS PREPARED BY CHONGRIS ENGINEERING BASED ON A FIELD SURVEY PERFORMED ON 7/29/22.
4. WETLAND DELINEATION REFERENCES AN APPROVED SITE PLAN TITLED NOTICE OF INTENT PLAN IYV ROAD LITTLETON, MASSACHUSETTS, PREPARED BY MARKEY RUBIN CIVIL ENGINEERING, DATED 3/31/21.
5. THE WETLAND DELINEATION WAS PERFORMED BY GODDARD CONSULTING LLC ON MARCH 20, 2020.

- THERE ARE BORDERING VEGETATED WETLANDS, INLAND BANKS OR SURFACE WATERS LOCATED WITHIN 100 FEET.
- THERE ARE NO KNOWN PRIVATE WATER SUPPLY WELLS LOCATED WITHIN 100 FT.
- THE PROPERTY IS NOT LOCATED WITHIN A ZONE I OR ZONE II.
- THERE ARE NO KNOWN CERTIFIED VERNAL POOLS LOCATED WITHIN 100 FT.
- THERE ARE NO FEMA DESIGNATED REGULATORY FLOODWAYS WITHIN 150 FEET.
- THERE ARE NO KNOWN IRRIGATION WELLS WITHIN 50 FT.

**TP-1**

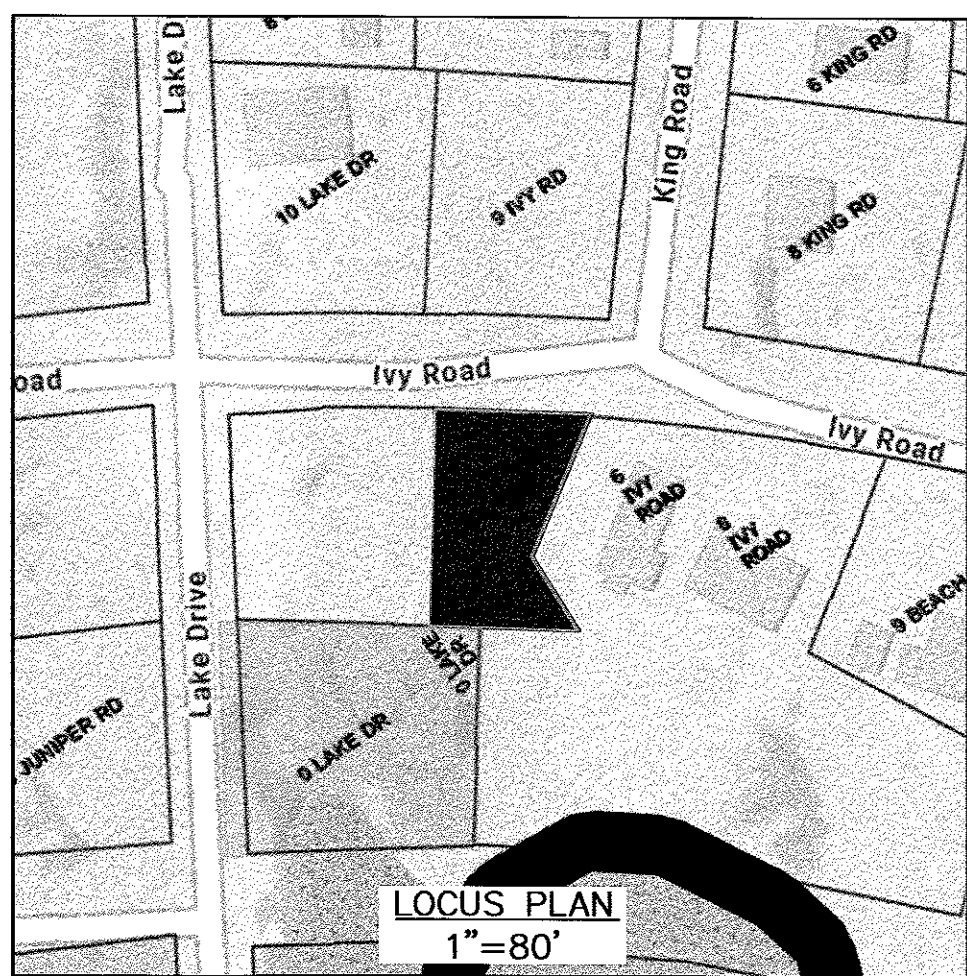
Depth (ft)	Soil Description
0"	LOAMY SAND 10YR3/2
18"	BC LOAMY SAND 10YR7/4
36"	C SANDY LOAM 5Y7/4
84"	

REDOX  $\approx$  24" BGS  
 SEEPAGE  $\approx$  24" BGS  
 ESHGW  $\approx$  24" (255.5' FT)

**TP-2**

Depth (ft)	Soil Description
0"	LOAMY SAND 10YR3/2
16"	BC LOAMY SAND 10YR7/4
30"	C SANDY LOAM 5Y7/4
84"	

REDOX  $\approx$  24" BGS  
 SEEPAGE  $\approx$  24" BGS  
 ESHGW  $\approx$  24" (255.3' FT)



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