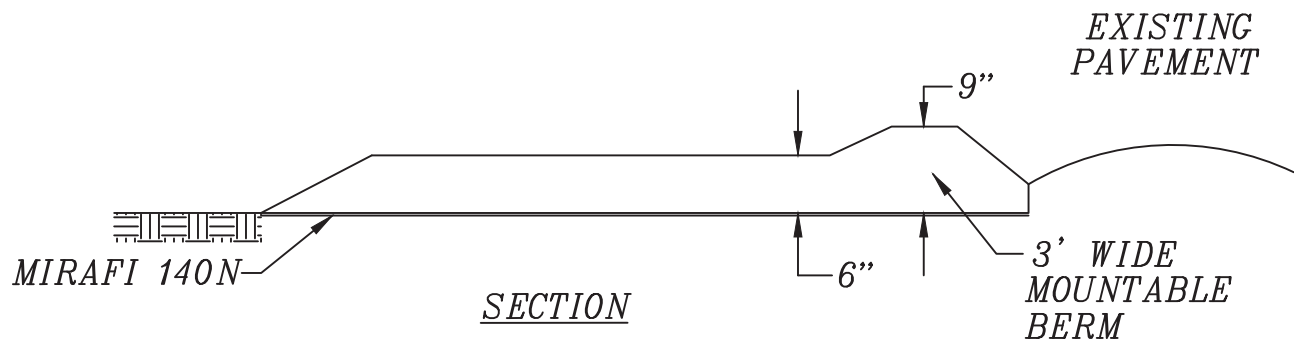
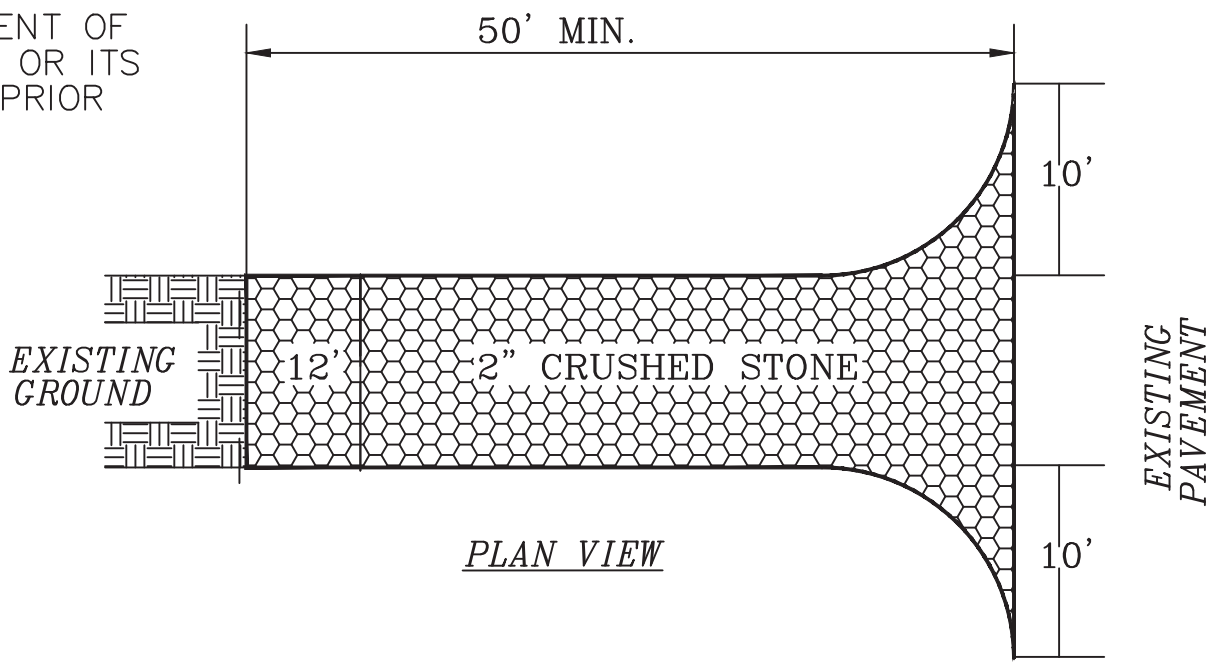


GENERAL NOTES

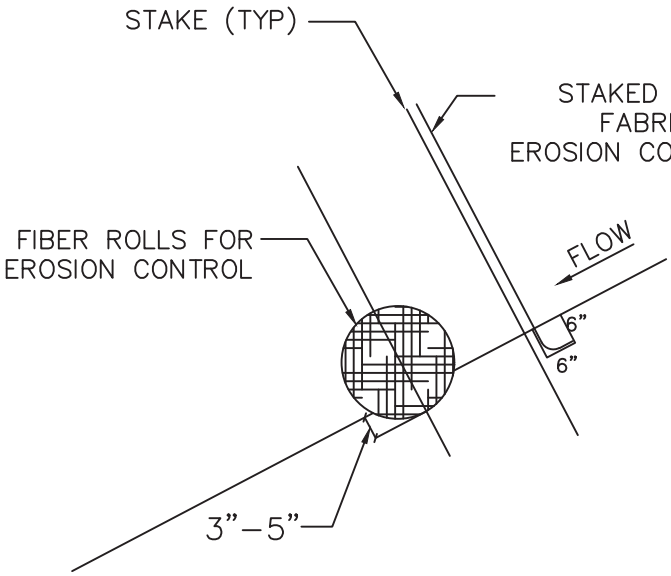
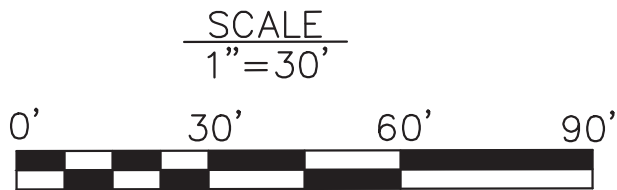
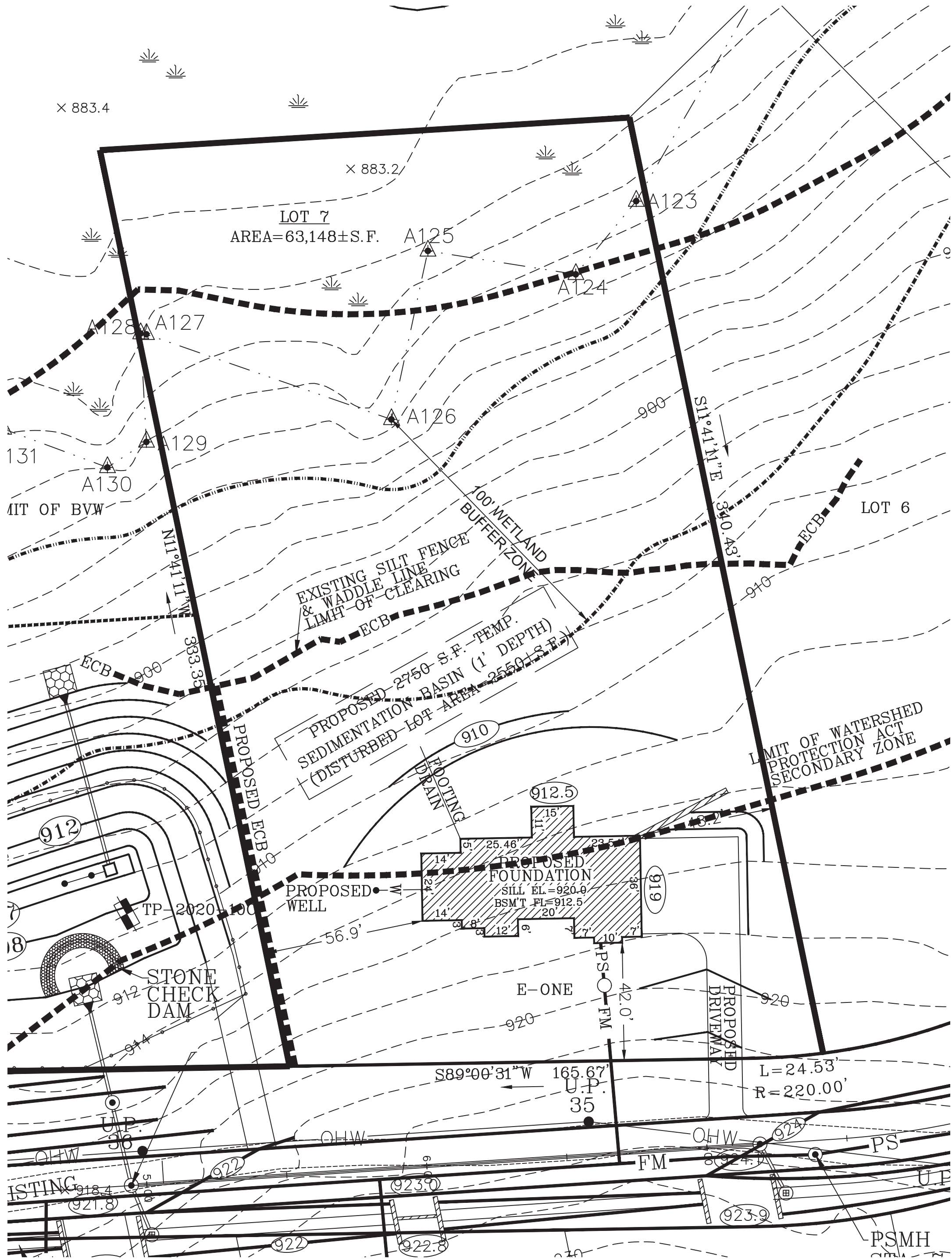
- 1.) EXISTING TOPOGRAPHICAL INFORMATION WAS PREPARED BY EASTERN TOPOGRAPHICS. ELEVATIONS REFER TO THE TOWN OF HOLDEN SEWER DATUM.
- 2.) ALL MATERIALS AND CONSTRUCTION PRACTICES SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS (MDPW) CONSTRUCTION STANDARDS AND THE MDPW "STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES", UNLESS OTHERWISE SPECIFIED BY LOCAL AUTHORITY OR THE ENGINEER.
- 3.) THE CONTRACTOR SHALL UTILIZE ALL MEASURES AND MATERIALS NECESSARY TO ENSURE THE SAFETY OF ALL PERSONS AND PROPERTIES AT THE SITE DURING CONSTRUCTION. ALL EXCAVATIONS SHALL CONFORM TO CURRENT OSHA STANDARDS.
- 4.) UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS SHALL BE DRESSED WITH A MINIMUM OF FOUR INCHES (4") OF LOAM AND SHALL BE SEEDED WITH AN APPROVED GRASS MIX.
- 5.) THE CONTRACTOR SHALL PROVIDE APPROPRIATE EROSION AND SEDIMENTATION CONTROL MEASURES AT ALL TIMES. DEWATERING OPERATIONS SHALL BE PROVIDED, IF REQUIRED; ALL DISCHARGE SHALL PASS THROUGH SEDIMENTATION CONTROL DEVICES TO PREVENT IMPACTS UPON WATER BODIES, BORDERING VEGETATED WETLANDS, DRAINAGE SYSTEMS AND ABUTTING PROPERTIES.
- 6.) NO MATERIALS SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF A WETLAND. ALL MATERIALS STOCKPILED WITHIN 100 FEET OF A WETLAND OR WHICH MAY INDIRECTLY AFFECT A WETLAND, SHALL BE RELOCATED, MULCHED OR OTHERWISE TREATED TO INSURE THAT THE MATERIALS ARE NOT CARRIED TO THE WETLAND.
- 7.) EQUIPMENT SHALL NOT BE PARKED WITHIN WETLANDS OR BUFFER AREAS EXCEPT DURING ACTUAL OPERATIONS REQUIRING SAID EQUIPMENT.
- 8.) DISTURBED AREAS SHALL BE STABILIZED BY LOAMING AND SEEDING SOON AFTER THE FINISHED GRADE HAS BEEN MET. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON, THESE AREAS SHALL BE MULCHED WITH HAY SECURED BY WEIGHTED SNOW FENCE, CHICKEN WIRE MESH OR JUTE NETTING WITH STAPLES. SEED FOR PERMANENT GRASS COVER SHOULD BE ACCORDING TO SOIL CONSERVATION SERVICE GUIDELINES FOR SOIL AND MOISTURE CONDITIONS FOUND ON THE SITE.
- 9.) SEDIMENTATION CONTROL FENCE AND/OR HAY BALES SHALL BE MAINTAINED UNTIL ALL SLOPES HAVE BEEN STABILIZED AND THERE IS NO DANGER OF EROSION DIRECTLY INTO THE WETLANDS.
- 10.) PRIOR TO INITIATING CONSTRUCTION, SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN THE DEVICES UNTIL ALL WORK IS COMPLETE AND ALL AREAS HAVE BEEN STABILIZED.
- 11.) ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AS REQUIRED BY THE CONSERVATION COMMISSION OR AS DIRECTED BY THE ENGINEER.
- 12.) THE FUNCTIONING OF TEMPORARY CULVERTS, DITCHES, SWALES, OR CONSTRUCTION OPERATIONS SHALL NOT CAUSE NOTICEABLE SEDIMENTATION PLUMES. IF PLUMES OCCUR, THE CONTRACTOR SHALL STOP WORK AND INSTALL ADDITIONAL SEDIMENTATION CONTROL DEVICES IMMEDIATELY TO PREVENT FURTHER SEDIMENTATION.
- 13.) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH THE APPROPRIATE HIGHWAY AND UTILITY DEPARTMENTS. CONTRACTOR SHALL MAINTAIN ALL EXISTING AND NEWLY INSTALLED UTILITIES IN GOOD WORKING ORDER AND SHALL PROTECT THEM FROM DAMAGE AT ALL TIMES UNTIL THE WORK IS COMPLETED AND ACCEPTED.
- 14.) THE CONTRACTOR SHALL PROVIDE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH THE TOWN OF HOLDEN REQUIREMENTS.
- 15.) NO TRENCHES SHALL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
- 16.) THE SANITARY SEWER SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE TOWN OF HOLDEN CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH APPLICABLE PERMITS (TO BE OBTAINED BY THE CONTRACTOR).
- 17.) ALL VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE STABILIZED CONSTRUCTION ENTRANCE (TIRE SEDIMENT SCRUBBER). SEE DETAIL.
- 18.) ALL WORK SHALL BE IN ACCORDANCE WITH THE ORDER OF CONDITIONS ISSUED BY THE TOWN OF HOLDEN CONSERVATION COMMISSION AND THE PROJECT SPECIFICATIONS.
- 19.) THE CONTRACTOR SHALL INSPECT SEDIMENTATION AND EROSION CONTROLS ON A DAILY BASIS AND IMMEDIATELY AFTER EACH RAINFALL; REPAIRS SHALL BE MADE BY THE END OF THE WORKING DAY. ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, AS REQUIRED BY THE CONSERVATION COMMISSION OR AS DIRECTED BY THE ENGINEER.
- 20.) DUST CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED PROPERLY THROUGHOUT DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. METHODS FOR DUST CONTROL SHALL INCLUDE WATER SPRINKLING AND/OR OTHER METHODS APPROVED BY THE ENGINEER.
- 21.) A PERMANENT DEMARCATION SHALL BE INSTALLED JUST UPGRADIENT OF THE EROSION CONTROL BARRIER. THE CONSERVATION COMMISSION OR ITS AGENT SHALL APPROVE THE TYPE OF PERMANENT DEMARCATION PRIOR TO ITS INSTALLATION.



STABILIZED CONSTRUCTION ENTRANCE
NO SCALE



PLAN VIEW



FIBER ROLLS AND SILT FENCES FOR EROSION CONTROL

NOT TO SCALE



General Construction Sequence:

The following is a general construction sequence that will be implemented as part of the construction at the site.

1. **Perimeter Sediment Controls:** Prior to the start of earth-moving activities, a sediment control barrier consisting of properly installed siltation fence (i.e., the bottom few inches of the siltation fence installed in a narrow, trench and the trench filled with soil around the siltation fence), and where proposed, double staked hay bales will be installed along the proposed limit of work as shown on the site plans.
2. **Construction Access:** Construction access points from Fisher Road shall be stabilized with a stabilized construction entrance, anti-tracking pad/berm, as specified in the site plans. Any other bare construction routes or equipment staging areas shall be stabilized with gravel, wood chips, or temporary vegetation (e.g., annual rye grass). Fisher Road shall be inspected and swept daily, as needed, to remove vehicle tracked sediments.
3. **Land clearing and Grading:** Any vegetation for removal shall be cleared and site grading shall commence. All slopes shall be brought to finish grade and final stabilization applied immediately. Slopes in excess of 3H:1V shall be stabilized with rip rap hard-armoring, bonded fiber matrix (BFM) hydroseed, bark mulch, sod, or seed and erosion control blanketing. Install additional run-off control measures as grading progresses, to include temporary sediment ponds, water bars, dikes and swales.
4. **Sediment Barriers and Traps:** Temporary sediment ponds may be constructed, as necessary, to store and infiltrate run-off. The basins shall include a temporary stone and filter fabric, or hay bale bulkhead dam at the outlet structure to provide additional settling. The basin slopes and bottoms shall be stabilized with seed and erosion control matting, or bonded fiber matrix hydroseed, and a stabilized exit spillway shall be constructed with a filter fabric and stone apron. Surface outlet requirements state that when discharging from basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. Temporary riser pipes, or skimmers, may be utilized to allow retention and treatment with controlled release of stormwater runoff during construction. The ponds shall be excavated to provide storage for, at a minimum, 3,600 c.f. per disturbed acre of run-off (i.e., 1-inch runoff). Ponds will be inspected weekly, before and after significant rainfall events. Accumulated sediments will be removed once they reach no more than 20% of the sediment capacity.
5. **Run-off Control and Conveyance Systems:** As needed, water bars, diversion swales and/or dikes shall be constructed and stabilized utilizing filter fabric and crushed stone. Where feasible, runoff shall be diverted away from unstabilized areas and slopes. Stone check dams shall be installed along the swales at intervals which will provide toe to crest spacing. The spacing shall be calculated by dividing the height of the check dam (in inches) by the percent slope (decimal form).
6. **Stockpiling:** Soil stockpiling shall take place outside the 100 foot wetland buffer or as far away from the wetland as possible. Inactive stockpiles must be covered and/or contained with sediment control barriers. Any stockpiling that will remain idle for more than 14 days shall be hydroseeded or covered with poly or tarpaulins.
7. **Surface Stabilization:** Apply temporary or permanent stabilization measures including sod, seed, hydromulch, bark mulch, poly, wood chips, hay/straw or crushed stone, immediately on all disturbed areas where work is completed or delayed greater than 14 days.
8. **Landscaping and Final Stabilization:** After construction is complete in a given area, any exposed soils will be stabilized by loam and seed, hydroseeding and/or landscaping.

Single-Family Building Construction and Final Stabilization Sequence:

The following is a general construction sequence that will be implemented for house construction and final stabilization at the site.

1. Excavate for foundation/slab;
2. Form and pour foundation/slab;
3. Backfill foundation/slab and complete rough grading. Temporarily stabilize exposed soils as necessary with hydromulch (min. 2,200 lbs/acre), wood mulch, hay mulch (2 bales/1,000 sf), or similar;
4. Construct house, including framing, roofing, siding and interior;
5. Connect underground utilities;
6. Complete grading, pave driveway;
7. Conduct final cleanup of wood scraps, building materials, etc.;
8. Loam and seed lawn area. Use sod, seed and erosion control blanket, or bonded fiber matrix hydroseed applied at manufacturer's recommended rate for slopes in excess of 3H:1V. Re-seed as necessary to achieve solid vegetative cover.

LEGEND

- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- PSMH PROPOSED SEWER MANHOLE
- PS PROPOSED SEWER LINE
- ECB PROPOSED ENVIRONMENTAL CONTROL BARRIER
- OHW EXISTING OVERHEAD WIRE
- G11 WETLAND FLAG BY ECOTEC INC.
- WS EXISTING CURB STOP

OWNER OF RECORD:

WINGSPAN PROPERTIES, LLC
W.D.R.D. BK. 70046 PG. 20
MAP 242 PARCEL 23 & 25

04/22/24	2	ADDED EXISTING ECB LOCATION	JEF
DATE	ISSUE	REVISION	DESCRIPTION

PROPOSED SITE DEVELOPMENT PLAN

PREPARED FOR

WINGSPAN PROPERTIES LLC

LOCATED AT

LOT 7, 291 FISHER ROAD

HOLDEN, MASSACHUSETTS

DES.: JEF	DWN.: JEF	CHK.: JEF
SCALE: 1"=30'	DATE: 01/22/24	
PLAN NUMBER	SHEET	
240003	1 OF 1	