

EROSION CONTROL AND SEDIMENTATION NOTES:

- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES DURING ENTIRE CONSTRUCTION PERIOD.
- ALL STOCKPILED AREAS SHALL BE LOCATED WITHIN THE LIMIT OF WORK LINE AND STABILIZED TO PREVENT EROSION.
- ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF-SITE.
- PROVIDE CRIBBING AS NECESSARY TO PROTECT EXISTING UTILITY LINES DURING CONSTRUCTION.
- ALL TOPSOIL ENCOUNTERED WITHIN WORK AREA SHALL BE STRIPPED TO ITS FULL DEPTH AND STOCKPILED FOR REUSE. EXCESS TOPSOIL SHALL BE REMOVED AS DIRECTED BY OWNER. TOPSOIL PILES SHALL REMAIN SEGREGATED FROM EXCAVATED SUBSURFACE SOIL MATERIALS.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.
- ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS OR PARKING AREAS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.
- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT.
- DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.
- HAY BALE CHECK DAMS AS APPROPRIATE ARE TO BE PROVIDED ON TWO HUNDRED (200) FOOT SPACINGS WITHIN ALL DRAINAGE SWALES AND DITCHES AND AT UPSTREAM SIDES OF ALL DRAINAGE INLETS.
- AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS INDICATED IN THE PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING NEARBY WETLANDS OR THEIR ASSOCIATED BUFFERS.
- CLEAN AND MAINTAIN EROSION CONTROL BARRIER AS REQUIRED DURING CONSTRUCTION OPERATIONS TO ENSURE ITS CONTINUED FUNCTIONALITY.
- THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS AFTER RE-VEGETATION OF DISTURBED AREAS AND AFTER WRITTEN APPROVAL OF THE PROJECT ENGINEER AND LYNNFIELD CONSERVATION COMMISSION.
- THE SURFACE OF ALL DISTURBED AREAS SHALL BE STABILIZED DURING AND AFTER CONSTRUCTION. TEMPORARY MEASURES SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT EROSION AND SILTATION. TEMPORARY EROSION CONTROL MEASURES SHALL BE APPROVED BY THE ENGINEER. ALL DISTURBED SLOPES WILL BE STABILIZED WITH A PERMANENT VEGETATIVE COVER. SOME OR ALL OF THE FOLLOWING MEASURES WILL BE UTILIZED ON THIS PROJECT.

GENERAL CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL ALSO PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTIONS MEANS AND METHODS.
- LIMIT OF WORK SHALL BE WITHIN ESTABLISHED EROSION CONTROL LIMITS AS INDICATED ON DRAWINGS.
- ANY ALTERATIONS TO THESE DRAWINGS MUST BE APPROVED BY THE LYNNFIELD CONSERVATION COMMISSION OR THE COMMISSIONS APPOINTED AGENT.

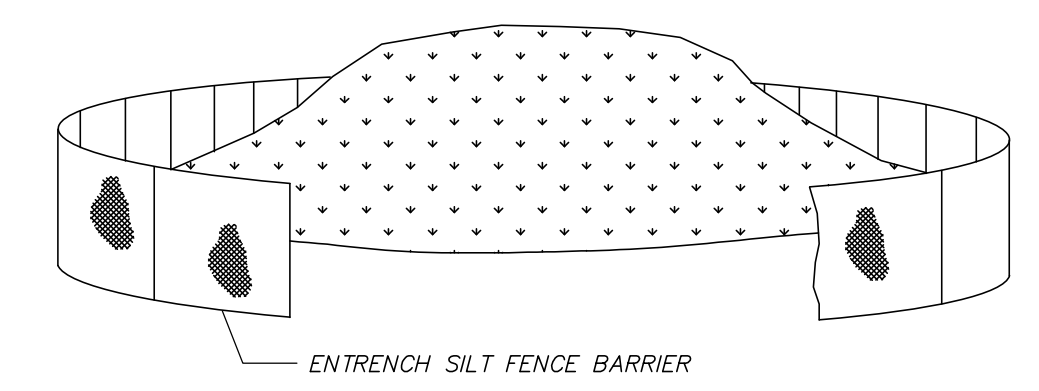
NOTES:

- THE TOPOGRAPHY, SITE DETAIL & SURFACE IMPROVEMENTS DEPICTED HEREON WERE OBTAINED FROM AN PLAN PREPARED BY MERIDIAN ASSOCIATES, INC.
- THE SUBJECT PROPERTY IS LOCATED IN ZONE RESIDENCE A.
- THE SUBJECT PROPERTY IS DEPICTED AS LOTS 195 & 911 ON TOWN OF LYNNFIELD ASSESSOR'S MAP 42.
- THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE; PATRIOT DOES NOT WARRANT NOR GUARANTEE THE LOCATION OF ALL UTILITIES DEPICTED OR NOT DEPICTED. THE CONTRACTOR, PRIOR TO COMMENCEMENT OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UTILITIES AND CONTACT DIG SAFE AT 1-888-344-7233.
- THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.
- THE ELEVATIONS DEPICTED HEREON WERE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), AS DERIVED FROM GPS OBSERVATIONS.
- THE SUBJECT PREMISES IS LOCATED IN THE FOLLOWING FLOOD ZONES PER FEMA FLOOD INSURANCE RATE MAP NUMBER 25009C0394F DATED JULY 3, 2012:
 - FLOOD ZONE AE, AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT DETERMINED BY DETAILED METHODS (ELEV=98.0). (NAVD 88)

ALL DISTURBED AREA TO BE LOAMED AND SEEDED WHEN EARTHWORK ACTIVITIES ARE COMPLETED

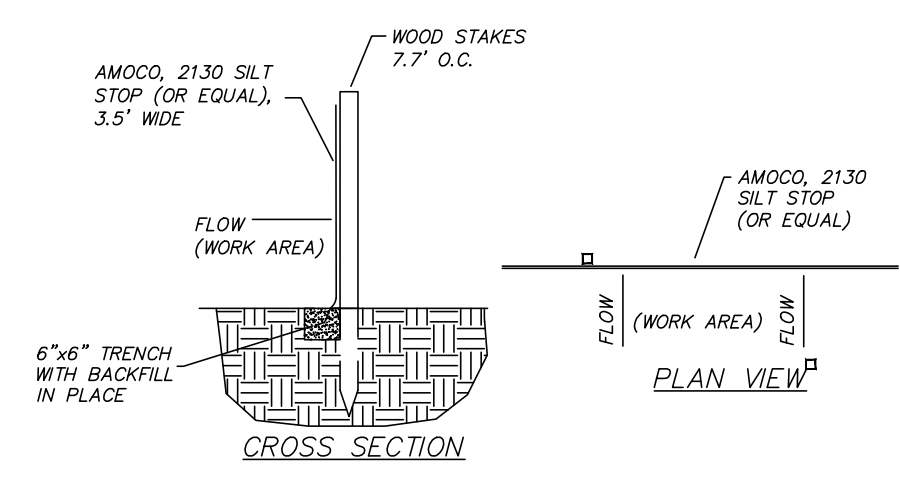
COMPENSATORY FLOOD STORAGE CHART:

	ELEVATION	AREA	VOLUME
EXISTING CONDITIONS	98.0-98.1	590 SF	58.2 CF
PROPOSED CONDITIONS	97.9-98.0	601 SF	60.1 CF



NOTES:
LOCATE STOCKPILE IN A DRY AND STABLE AREA OUTSIDE OF 100' WETLAND BUFFER ZONE.
STABILIZE STOCKPILE WITH ANNUAL RYEGRASS, MULCH OR EROSION CONTROL BLANKETS.

SOIL STOCKPILE
(NOT TO SCALE)

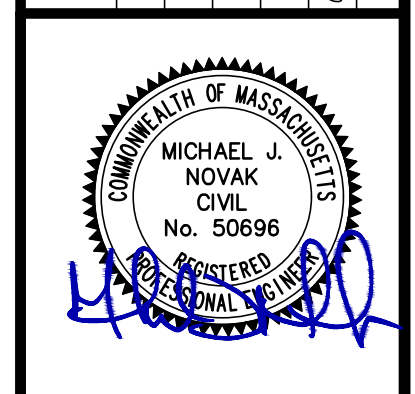


RECORD OWNER:

BRYAN LAST
36 ELMWOOD ROAD
LYNNFIELD, MA
- DEED BOOK 34884 PAGE 214

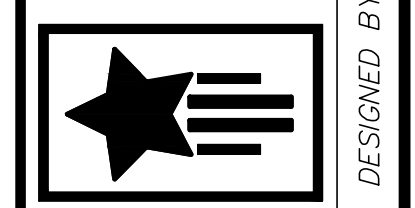
REVISIONS

NO.	DATE	DESCRIPTION
02/08/22		REVISE PROPOSED FLOOD MITIGATION PLAN



SITE PLAN TO ACCOMPANY AN NOI
36 ELMWOOD ROAD
LOCATED IN
LYNNFIELD, MASSACHUSETTS
(ESSEX COUNTY)
PREPARED FOR
BRYAN LAST

Patriot Engineering
95 BEDFORD STREET, SUITE 4
LEXINGTON, MASSACHUSETTS 02420
T: (978) 726-2654
www.patriot-eng.com



DESIGNED BY:
CHECKED BY:
DATE: 10/01/2021
SCALE: AS NOTED
SHEET No. 1 OF 1
PROJECT No. 20-13

ALL UNDERGROUND UTILITY DATA REPRESENTS RECORD INFORMATION RECOVERED THROUGH RESEARCH WITHOUT SURFACE DEMARCATION NOR SUBSURFACE VERIFICATION