NOTES:

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE DETAIL

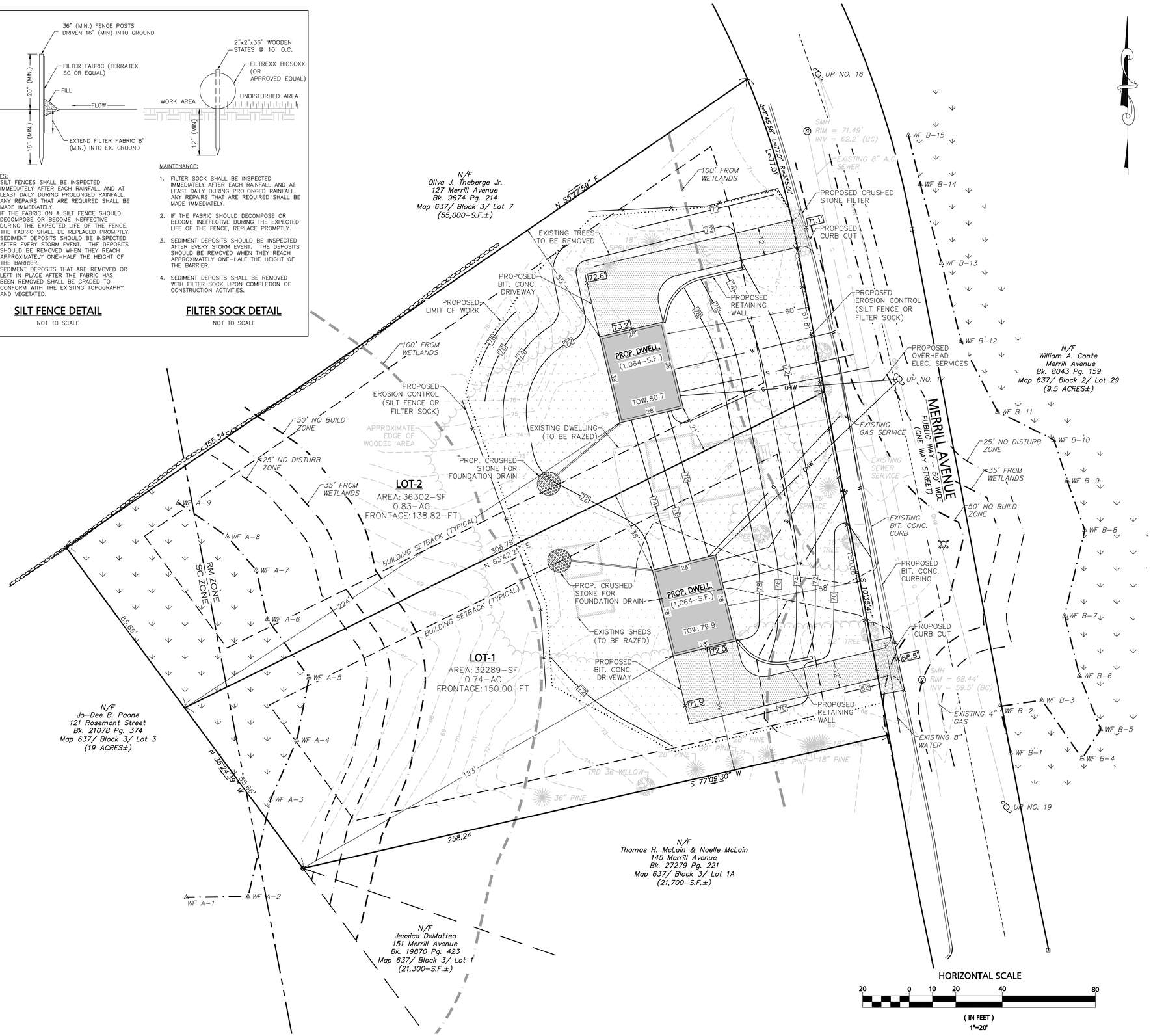
NOT TO SCALE

MAINTENANCE:

1. FILTER SOCK SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, REPLACE PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4. SEDIMENT DEPOSITS SHALL BE REMOVED WITH FILTER SOCK UPON COMPLETION OF CONSTRUCTION ACTIVITIES.

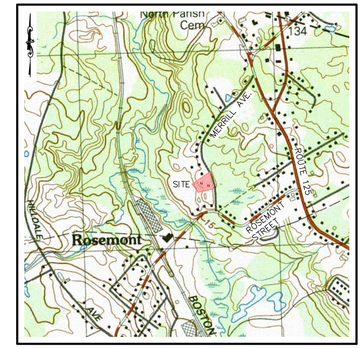
FILTER SOCK DETAIL

NOT TO SCALE



USGS MAP

(SCALE: 1:2,000)



LOCUS MAP

(SCALE: 1:1,200)

PROJECT NOTES:

1. SOILS / WETLANDS: GREG HOCHMUTH
   WILLIAMS & SPARAGES.
   189 NORTH MAIN STREET
   MIDDLETON, MA. 01949
2. EXISTING CONDITIONS INFORMATION OBTAINED FROM AN ON THE GROUND SURVEY PERFORMED BY CIVIL DESIGN CONSULTANTS, INC. BETWEEN JULY 1 AND JULY 11, 2016.
3. BASIS OF BEARING IS THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM, NAD83. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88. LINEAR UNITS ARE U.S. SURVEY FEET.
4. PROPERTY IS NOT LOCATED IN A FLOOD HAZARD ZONE. AS SHOWN ON FEMA FIRM MAP 25009C0086F, PANEL NUMBER 86 OF 600, DATED JULY 3, 2012.
5. WETLANDS WERE DELINEATED IN JUNE OF 2016 BY GREG HOCHMUTH OF WILLIAMS & SPARAGES.
6. THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. CDCI MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 811.
7. CRUSHED STONE FILTER TO BE USED DURING CONSTRUCTION.
8. FOUNDATION DRAIN SHALL BE 4" P.V.C. WITH CRUSHED STONE AND FILTER FABRIC PAPER.
9. AUTHORIZATION FROM THE HIGHWAY SUPERINTENDANT MUST BE RECEIVED PRIOR TO BACKFILLING (978)-374-2384
10. TRENCH BACKFILL SHALL BE PERFORMED UNDER THE INSPECTION OF AUTHORIZED CITY PERSONAL.
11. SEWER SERVICE TO BE CONNECTED PER CITY OF HAVERHILL SPECIFICATIONS.
12. WATER SERVICE TO BE CONNECTED PER CITY OF HAVERHILL SPECIFICATIONS.
13. WATER TABLE ELEVATION SHOULD BE DETERMINED BY A SOIL EVALUATOR PRIOR TO SETTING THE FOOTING.

DATE	DESCRIPTION
REVISIONS	

PREPARED FOR:

PINNACLE BUILDERS
621 RIVERSIDE AVENUE
HAVERHILL, MA 01830

PROJECT:

137 MERRILL AVENUE

TAX MAP 637 - BLOCK 3 - LOT 6
HAVERHILL MA. 01830

DATE ISSUED:	JULY 18, 2016
PROJECT #:	16-10021
PREPARED BY:	WARREN A. WAGNER

PROFESSIONAL ENGINEER FOR CIVIL DESIGN CONSULTANTS, INC.

CIVIL DESIGN Consultants, Inc.
SURVEY • DESIGN • PERMITTING • CONSTRUCTION ADMINISTRATION

30 River Street
Methuen, MA 01844-1097
Tel: (978) 416-0920
Fax: (978) 416-7865

DRAWING TITLE:

RDA PLAN

DRAWING #:

C-1