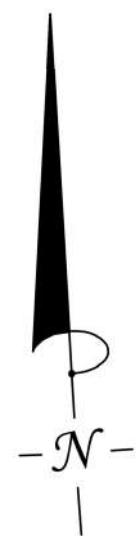
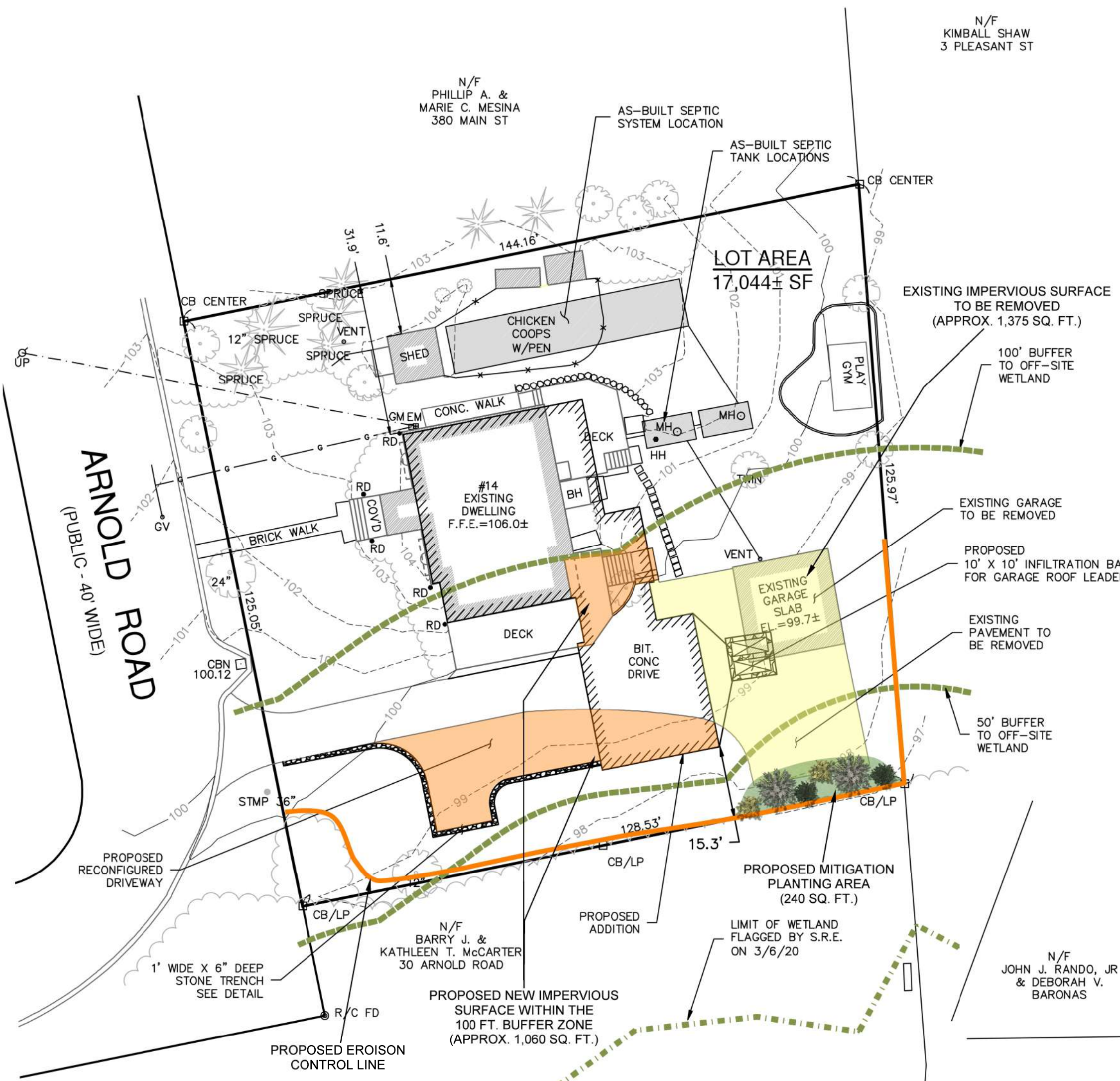
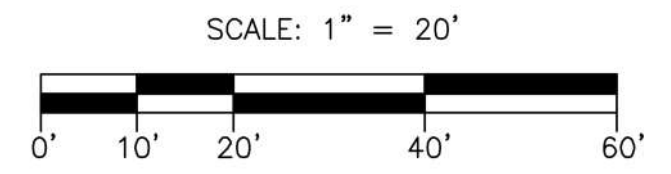


LOCUS: 14 ARNOLD ROAD - HINGHAM, MA



IMPERVIOUS AREA CALCULATIONS (BUFFER ZONE)	
PROPOSED NEW IMPERVIOUS AREA (PROPOSED ADDITION)	1,060 SQ. FT.
EXISTING IMPERVIOUS AREA TO BE REMOVED (REMOVAL OF EXISTING GARAGE & PAVEMENT)	1,375 SQ. FT.
<b>NET CHANGE</b>	<b>- 315 SQ. FT.</b>

PROVIDED AS PART OF THE PROPOSED MITIGATION PLAN.



**DATUM:**  
ELEVATIONS SHOWN HEREON REFERENCE AN ASSUMED VERTICAL DATUM.

**FEMA:**  
LOCUS LIES IN F.I.R.M. ZONE X AS SHOWN ON COMMUNITY PANEL NO. 25023C0082J DATED JULY 17, 2012.

LOCUS LIES WITHIN THE ACCORD POND WATERSHED & HINGHAM AQUIFER PROTECTION

**OWNER OF RECORD:**  
ADAM & KYLIE DUNN  
14 ARNOLD ROAD  
HINGHAM, MA 02043  
ASSESSOR'S PARCELS: #90-84  
DEED BOOK: 52613, PAGE: 147

**PLAN REFERENCES:**  
1. PLAN BOOK: 4, PAGE: 960  
2. PLAN BOOK 5, PAGE 189

**UTILITIES:**  
UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON VISIBLE ABOVE GROUND UTILITIES AND RECORD INFORMATION OF BELOW GROUND UTILITIES AND ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR TAKING ALL NECESSARY PRECAUTIONS BEFORE BEGINNING ANY EXCAVATION. (DIGSAFE 1-800-322-4844)

**SURVEY NOTES:**  
1. ALL MONUMENTS SHOWN HEREON WERE FOUND AND FIELD LOCATED BY CAVANARO CONSULTING, INC. ON NOVEMBER 21, 2019.

2. ANY EASEMENTS SHOWN HEREON ARE IN ACCORDANCE WITH CURRENT DEED DESCRIPTIONS AND/OR THOSE THAT ARE VISIBLE OR OF PUBLIC RECORD. LEGAL STATUS OF SAID EASEMENTS ARE NOT KNOWN.

3. SEPTIC SYSTEM COMPONENTS SHOWN HEREON ARE APPROXIMATE ONLY; TAKEN FROM AVAILABLE RECORD INFORMATION AT THE HINGHAM BOARD OF HEALTH.

Plant Legend				
Symbol	Qty	Common	Botanical	Size
	2	Black Chokeberry	Aronia melanocarpa	2-3 ft.
	2	Witch Hazel	Hamamelis virginiana	2-3 ft.
	2	Flowering Dogwood	Cornus florida	5-6 ft.

**Native Upland Wildlife Forage & Cover Meadow Mix**

- Mix Composition**
- 34.9% *Andropogon gerardii*, 'Niagara' (Big Bluestem, 'Niagara')
  - 27.0% *Panicum virgatum*, 'Cave-In-Rock' (Switchgrass, 'Cave-In-Rock')
  - 21.0% *Elymus virginicus*, PA Ecotype (Virginia Wildrye, PA Ecotype)
  - 9.0% *Sorghastrum nutans*, NY4 Ecotype (Indiangrass, NY4 Ecotype)
  - 3.0% *Rudbeckia hirta*, Coastal Plain NC Ecotype (Blackeyed Susan, Coastal Plain NC Ecotype)
  - 2.0% *Chamaecrista fasciculata*, PA Ecotype (Partridge Pea, PA Ecotype)
  - 1.5% *Heliopsis helianthoides*, PA Ecotype (Oxeye Sunflower, PA Ecotype)
  - 1.0% *Coreopsis tinctoria* (Plains Coreopsis)
  - 0.4% *Desmodium canadense*, PA Ecotype (Showy Ticktrefoil, PA Ecotype)
  - 0.1% *Monarda fistulosa*, Fort Indiantown Gap-PA Ecotype (Wild Bergamot, Fort Indiantown Gap-PA Ecotype)

FOR MORE INFORMATION, PLEASE REFER TO THE PROJECT NARRATIVE.

**SITE PLAN**  
**14 ARNOLD ROAD - HINGHAM**

PREPARED FOR:  
**ADAM & KYLIE DUNN**  
14 ARNOLD ROAD  
HINGHAM, MA 02043

PROPOSED MITIGATION PLAN DATE: FEB. 8, 2021, REV. MARCH 2, 2021 14 ARNOLD ROAD, HINGHAM		DRAWING NO.
PREPARED BY: ENVIRONMENTAL CONSULTING & RESTORATION, LLC		
SCALE : AS SHOWN	DESIGNED BY : -	PROJECT NO. : 19187
DATE : 2/18/21	DRAWN BY : DB	FILENAME: X:\PROJECTS\2019\19187\DWG\ECP
SURVEY : JLR	CHECKED BY : BPS	SHEET NO. 1 OF 1