LEGEND

HSG A

WOODLAND

HSG B

WOOD-GRASS

LAWN

MEADOW

HSG D

WOOD-GRASS

PASTURE-FAIR

WATER QUALITY VOLUME

IMPERVIOUS SURFACES

DRIVEWAY	2,530 sq. ft.
EX. DRIVEWAY	1,367 sq. ft.
BARN	644 sq. ft.
EX. HOUSE	338 sq. ft.
HOUSE	3,681 sq. ft.
TOTAL	8,560 sq. ft

WQV
0.5" OF RUNOFF = 356.7 cu. ft..

BASIN VOLUME

EL.	SURFACE AREA (sq. ft.)	VOLUME (cu. ft.)
37.0	1,339	0
38.0	2,687	2,013
39.0	3,396	5,055

OUTLET INV. 37.30
STATIC STORAGE PROVIDED 604 cu. ft. (0.847")

NOTE:
1. EXISTING SUB DRAIN SHALL BE REMOVED FROM ITS START TO THE FOUNDATION.
2. THE AREA AT THE START OF THE SUBDRAIN SHALL BE ROUTED AS SHOWN ON THE PLAN
3. SUB DRAIN SHALL BE USED FROM THE FOUNDATION TO ITS OUTFALL AS THE FOUNDATION DRAIN.

rev. 04/02/19 modified basin
rev. 03/12/19 modified basin

WATERSHED PLAN
PROPOSED DWELLING
220 Summer Street
HINGHAM, MA 02043

JAMES ENGINEERING, Inc.
125 GREAT ROCK ROAD
HANOVER, MASS. 02339
TEL:1-(781) 878-1795

FEET 20 0 20 40 60

SHEET NUMBER 2 OF 2
SCALE: 1"=20'
DATE: 05/29/21
EAST SEPTIC.dwg
DRAWN: NLJ/ACAD
CHECKED: G.D.J.