

MAP R-20 LOT 8
 N/F
 COMMONWEALTH OF MASSACHUSETTS -
 DIVISION OF FISH AND GAME

VERNAL POOL AREA SUMMARY

'A' SERIES WETLAND	
ELEVATION	AREA
53.5	4,355 SF ±
54.0	14,810 SF ±
54.3	19,115 SF ±

ADDITIONAL AREA
 EXTENDING OFF-SITE
 1,495 SF ± AT A DEPTH OF
 12 INCHES ±
TOTAL VOLUME = 0.26 ACRE FT

VOLUME CALCULATIONS:

'A' SERIES CALCULATIONS
 VOLUME ELEV. 53.5 TO 54.0 = 4,355 + 14,810 / 2 X .5 = 4,791 CUBIC FT
 VOLUME ELEV. 54.0 TO 54.3 = 14,810 + 19,115 / 2 X .3 = 5,089 CUBIC FT
 VOLUME EXTENDING OFF-SITE = 1,495 X 1 = 1,495 CUBIC FT
TOTAL = 11,375 CUBIC FT

ACRE FT = CUBIC FT / 43,560 = 0.26

- NOTE:**
1. WETLAND FLAGS D20 AND C4 HAVE BEEN DELETED.
 2. WETLANDS DELINEATED BY MARY RIMMER IN 2017.

PARCEL B
 ASSESSOR'S MAP R-20 LOT 75
 656,984 SF ±
 15.08 AC ±

DATE	NO.	REVISIONS	BY

ANRAD PLAN
BYFIELD ESTATES
 ASSESSOR'S MAP R-20 LOT 75
 NEWBURY MA, 01922

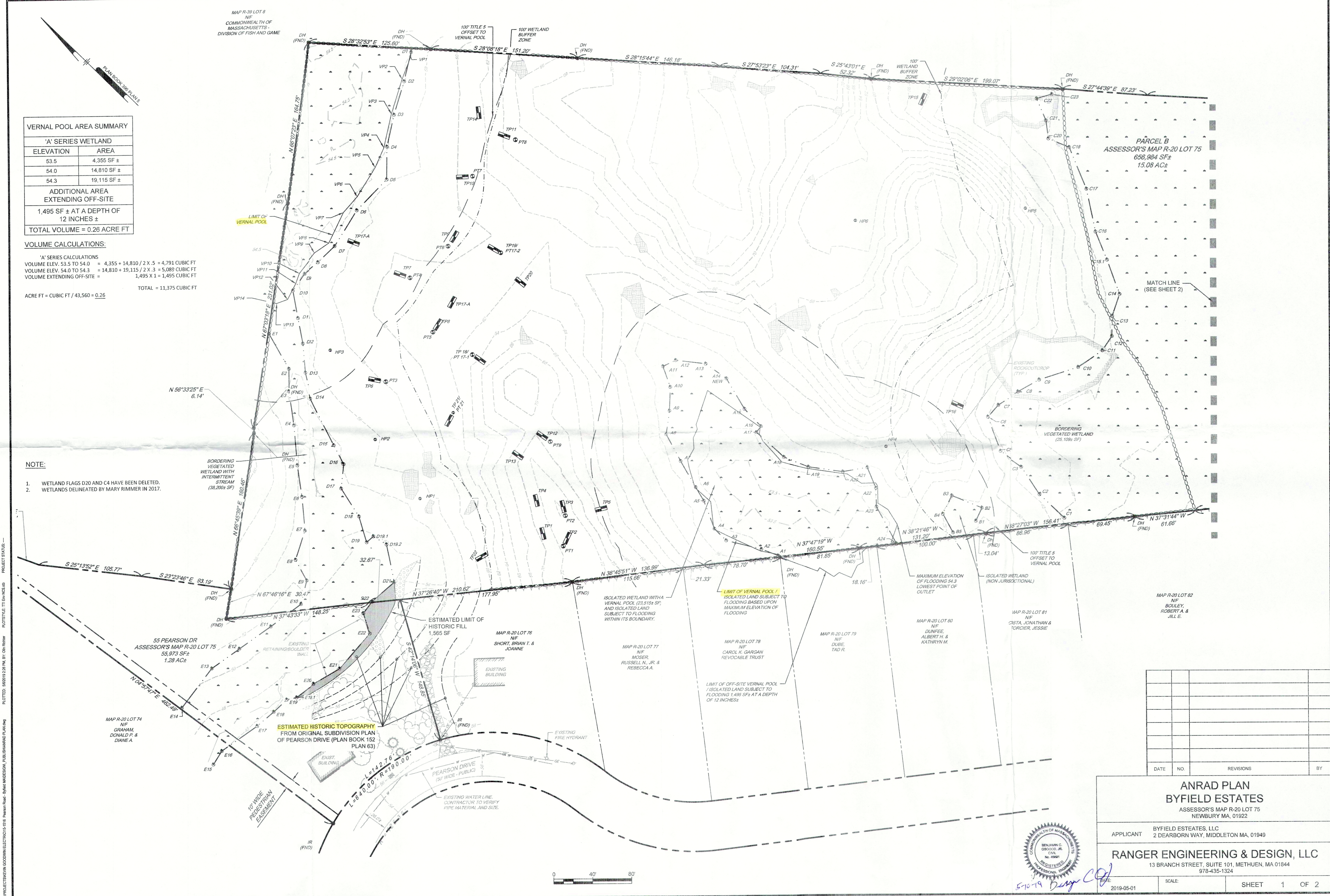
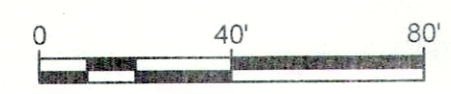
APPLICANT BYFIELD ESTATES, LLC
 2 DEARBORN WAY, MIDDLETON MA, 01949

RANGER ENGINEERING & DESIGN, LLC
 13 BRANCH STREET, SUITE 101, METHUEN, MA 01844
 978-435-1324

DATE: 2019-05-01 SCALE: SHEET 1 OF 2



5-10-19 Design COJ



PROJECT: 190519-01-01 ANRAD PLAN
 PLOTTED: 5/10/19 2:26 PM BY: CDR/REB
 PLOT STYLE: TITAN.ctb
 PROJECT STATUS: