

**DESIGN CALCULATIONS:**

**LEACHING VOLUME REQUIRED (STATIC METHOD)**  
 EXISTING HOUSE TO BE RAZED: 1,243 S.F.  
 PROPOSED HOUSE: 1,128 S.F.  
 NEW DRIVEWAY: 775 S.F.  
 NET INCREASE IN IMPERVIOUS AREA: 660 S.F.

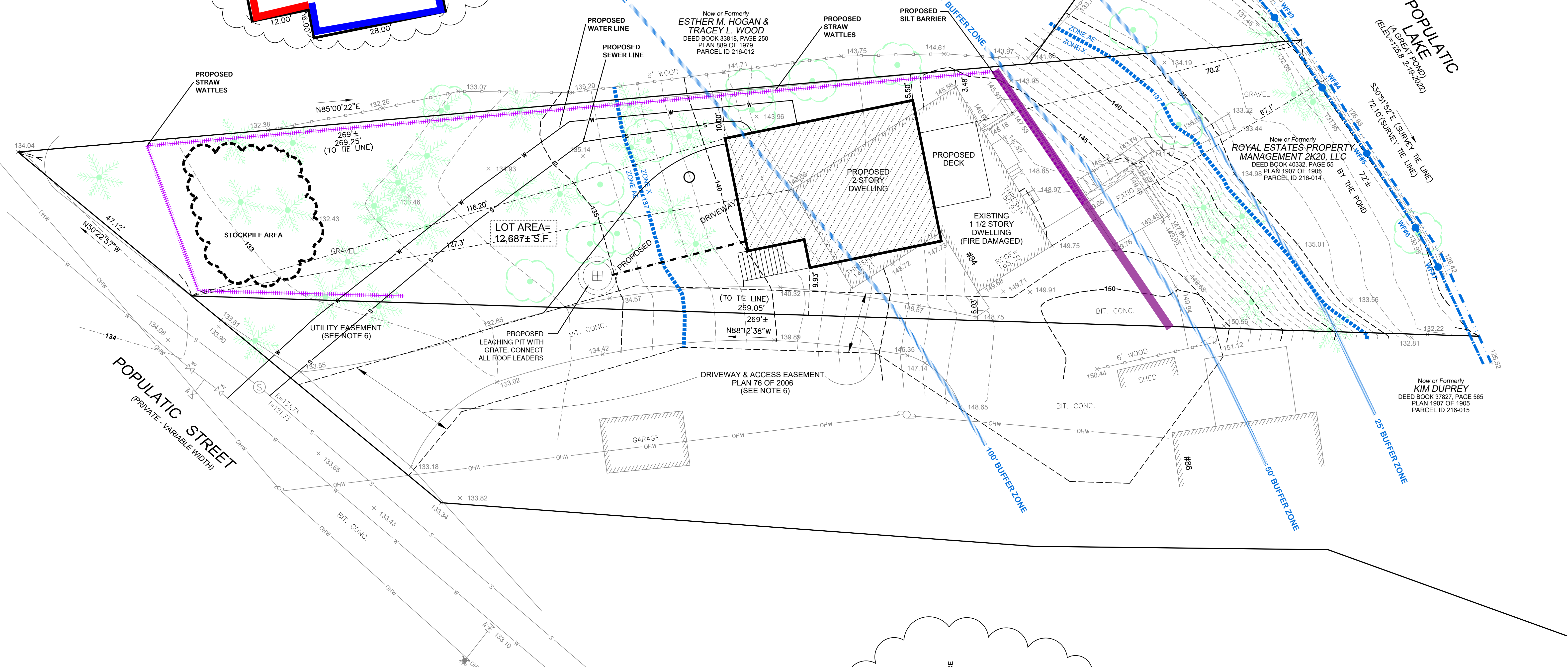
USE 1" OF RAINFALL OVER NEW ROOF AND DRIVEWAY  
 $1,903 \text{ S.F.} \times 1" \times 1 \text{ FT}/12" = 159 \text{ C.F.}$

**LEACHING VOLUME PROVIDED:**  
 USE 1,000 GAL. LEACHING CATCH BASIN (SEE DETAIL)  
 195 C.F. STORAGE PROVIDED.

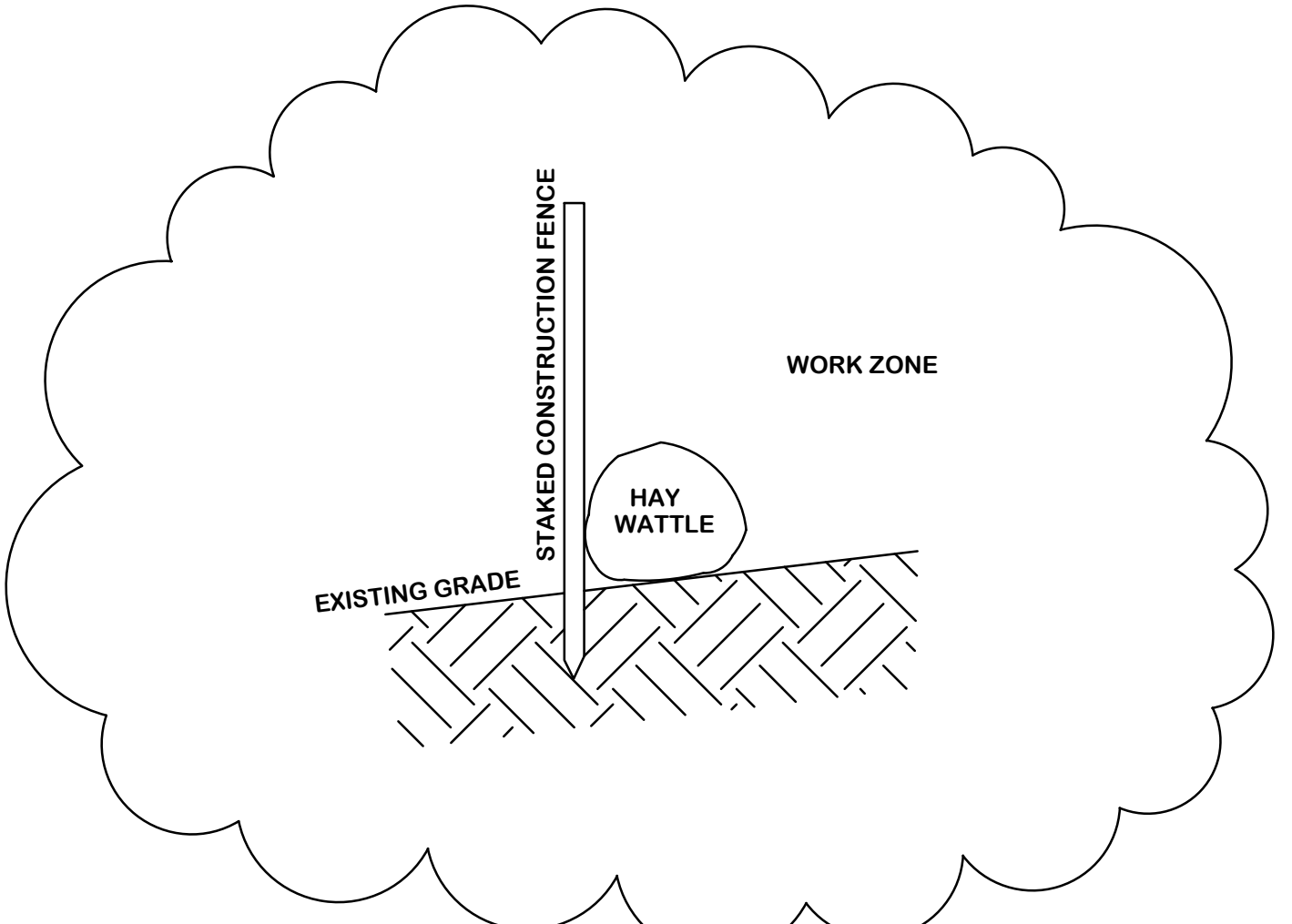
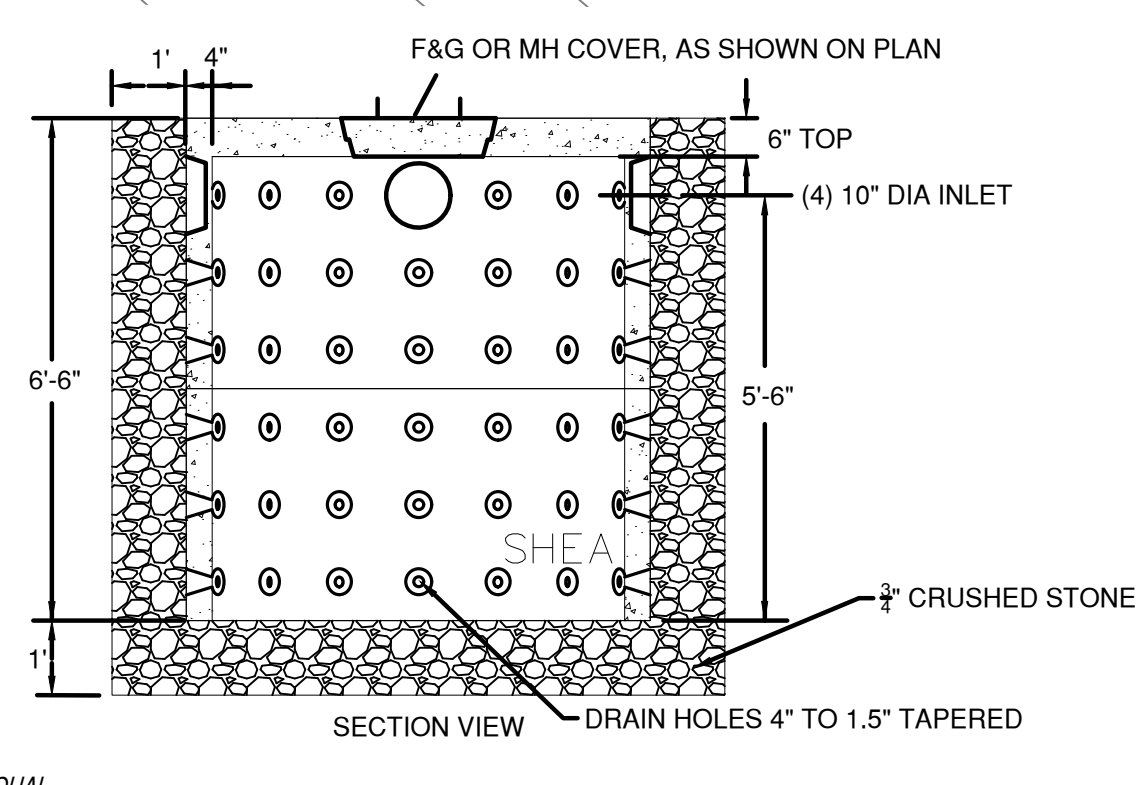
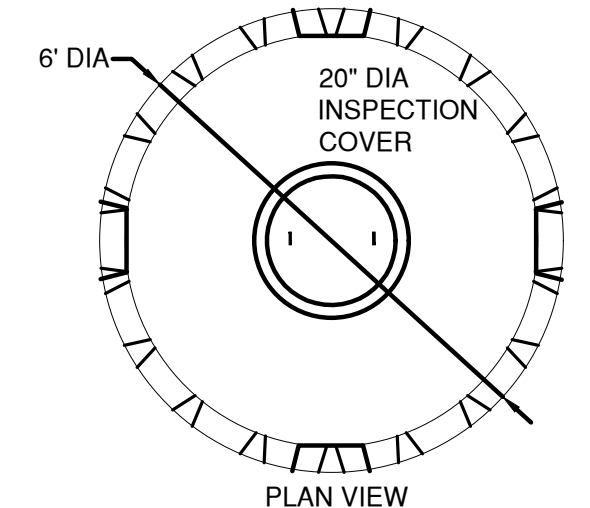
Now or Formerly  
**HENRY F. TUCK**  
 DEED BOOK 1473, PAGE 126  
 PLAN IN BOOK 1472, PAGE 500  
 PARCEL ID 216-013  
 (SEE NOTE 5)

Now or Formerly  
**ROYAL ESTATES PROPERTY MANAGEMENT 2K20, LLC**  
 DEED BOOK 40332, PAGE 55  
 PLAN 1907 OF 1905  
 PARCEL ID 216-014

Now or Formerly  
**KIM DUPREY**  
 DEED BOOK 37827, PAGE 565  
 PLAN 1907 OF 1905  
 PARCEL ID 216-015



- NOTES**
- ELEVATIONS SHOWN HEREON REFER THE NORTH AMERICAN DATUM OF 1988. TIE TO NAVD88 AND NAD83 ARE FROM GPS SURVEY TIED TO MASSDOT CORRS STATIONS "MAMI", "MANB" & "MAWR".
  - THE SURVEY IS BASED ON DEEDS AND PLANS OF RECORD.
  - LIMITS OF 100 YEAR FLOOD PLAIN (ZONE AE) SHOWN HEREON FROM DATA ON FEMA FLOOD PLAN MAP 25021C0144E WITH AN EFFECTIVE DATE OF JULY 17, 2012.
  - SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS TO THE PROPOSED DWELLING.
  - TITLE TO THE TRIANGLE ADJUTING LOT IS SHOWN FROM INFORMATION ON PLAN 76 OF 2006. THE SURVEYOR RECOMMENDS ADDITIONAL TITLE RESEARCH ON THIS PARCEL TO DETERMINE WHO HOLDS CURRENT TITLE TO THE LAND. THE LOCUS PARCEL MAY HAVE ACQUIRED RIGHTS TO THIS PARCEL. A LEGAL OPINION SHOULD BE SOUGHT TO DETERMINE THIS STATUS.
  - LOCUS IS SUBJECT TO AND BENEFITS FROM THE DRIVEWAY AND ACCESS EASEMENTS SHOWN ON PLAN 76 OF 2006 AS WELL AS PROVISIONS DESCRIBED IN DEED BOOK 24102, PAGE 533 OF THE UTILITY EASEMENT. BOTH EASEMENTS ARE SHOWN HEREON.
  - WETLAND FLAGS SHOWN HEREON WERE SET BY DEBORA J. ANDERSON WETLAND SCIENTIST, 45 WILLOW STREET NORWOOD MA 02062. PHONE NUMBER IS: 781-603-8421
  - PROPOSED ENGINEERED ELEMENTS SHOWN HEREON ARE FROM INFORMATION PROVIDED BY W. ENGINEERING, LLC. 27 JEFFERSON STREET TAUNTON MA 02780. PHONE NUMBER IS 508-621-8245.
  - ALL OTHER PROPOSED DESIGN INFORMATION SHOWN HEREON IS FROM INFORMATION PROVIDED BY THE CLIENT.



EVAN K. WATSON, PE (#47130)  
 .W. ENGINEERING, LLC



DANIEL G. MacISAAC, PLS (#41408)  
 MACISAAC SURVEY



SCALE: 1"=10'

PROPOSED CONSTRUCTION  
 PLOT PLAN  
 #84 POPULATIC STREET  
 FRANKLIN, MASSACHUSETTS  
 (NORFOLK COUNTY)



CALC BY: DGM DATE: MARCH 14, 2022 SCALE: 1"=10'