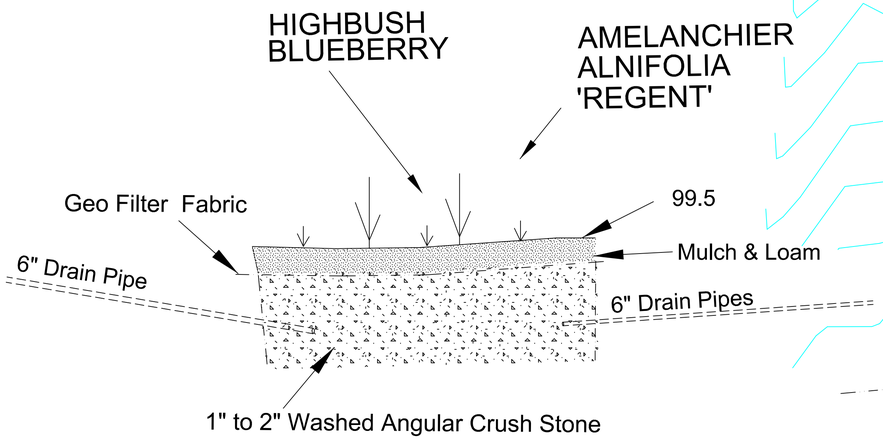
Adamian Proposed Drainage Plan

Drainage Notes:

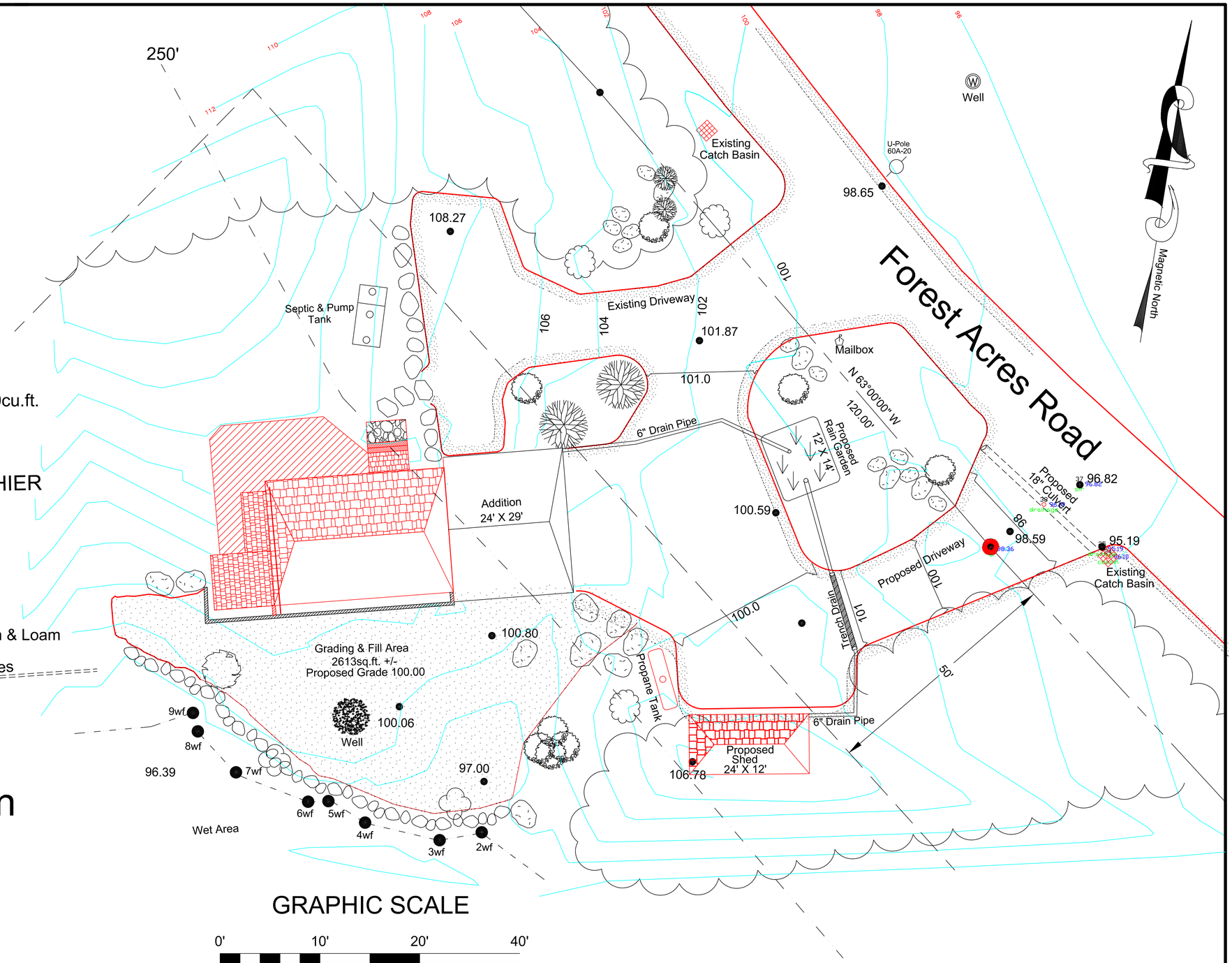
1. Total Lot Area = 24178.00Sq. Ft.
2. Total New Impervious Surface = 2928.0Sq. Ft.
3. Percentage of New Impervious Area of Lot = 12%
4. IPS sq.ft. X 1.0 / 12 = cu. ft.
5. 2928 sq.ft. X 1.0 / 12 = cu.ft. = 244.00cu.ft.
6. 7.48 X 244cu.ft.= 1825 US gals.
7. 1- 12'X 4'X 14' Rain Garden = 672cu.ft X 40% = 258.80cu.ft.
   7.48 X 258.80cu.ft = 1935.82 US Gallons.



Proposed Rain Garden

NOTES:

1. 6" Trench Drain Pipe will run into Garden.
2. Gutters on the House and Shed will also run into Rain Garden.
3. Approximate size will be 12' X 14' X 4'.
4. Plantings will be Native to the Area.



GRAPHIC SCALE

0' 10' 20' 40'

1 INCH = 10 FEET