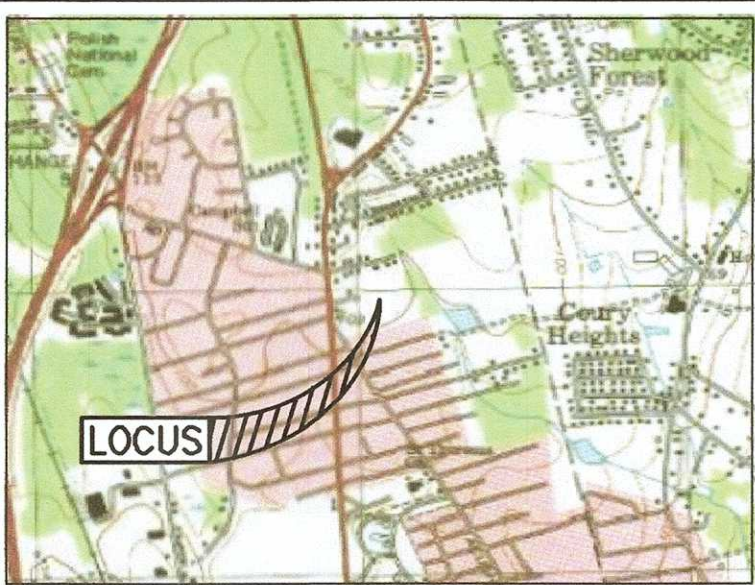




LOCUS MAP SCALE: 1"=2,000'±

SUBSURFACE ROOF RECHARGE UNIT SIZING CALCULATIONS:

INFLOW AREA = 773 SF, 100.00% IMPERVIOUS, INFLOW DEPTH = 6.78" FOR 100-YEAR STORM EVENT  
INFLOW = 0.12 CFS @ 12.09 HRS, VOLUME= 436 CF  
OUTFLOW = 0.03 CFS @ 12.47 HRS, VOLUME= 436 CF, ATTEN= 75%, LAG= 23.0 MIN  
DISCARDED = 0.01 CFS @ 11.50 HRS, VOLUME= 428 CF

ROUTING BY STOR-IND METHOD, TIME SPAN= 0.00-30.00 HRS, DT= 0.05 HRS  
PEAK ELEV= 100.07' @ 12.45 HRS SURF AREA= 68 SF REQUIRED STORAGE= 132 CF

VOLUME INVERT AVAIL STORAGE STORAGE DESCRIPTION  
#1 94.95' 69 CF 6.33'W X 10.50'L X 3.54'H PRISMATOID X 1  
236 CF OVERALL - 63 CF EMBEDDED = 172 CF X 40.0% VOIDS

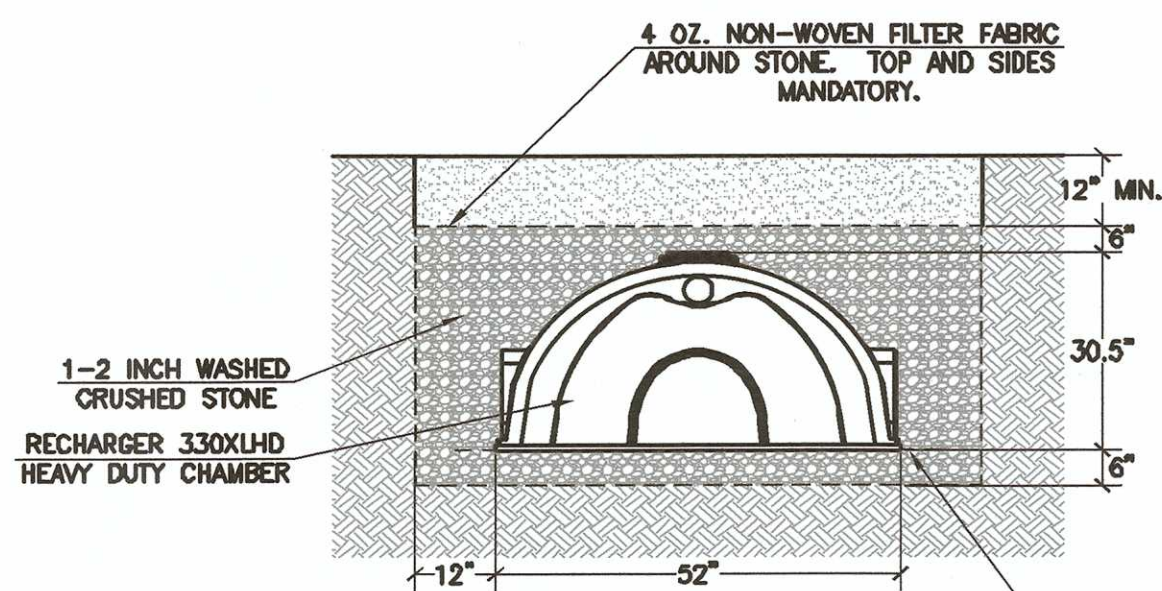
#2 95.45' 63 CF 47.8'W X 30.0'H X 7.00'L PARABOLIC ARCH X 1 INSIDE #1

#3 97.50' 1 CF 0.33'D X 10.0'H VERTICAL CONE/CYLINDER-IMPERVIOUS

TOTAL AVAILABLE STORAGE = 133 CF >>> 132 CF

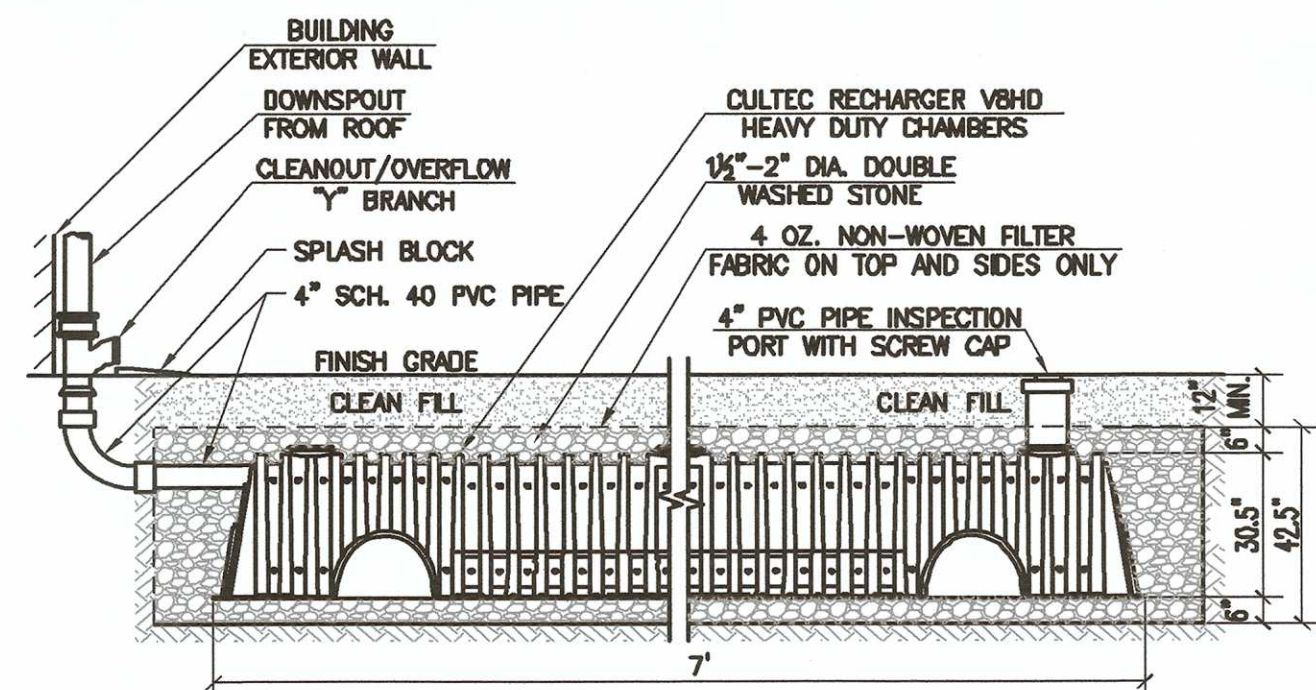
\*PLEASE NOTE: THESE CALCULATIONS ARE PER UNIT. THERE ARE 2 UNITS ONSITE.

| - ZONING DATA -              |            |                |
|------------------------------|------------|----------------|
| DISTRICT: RA - RESIDENTIAL A |            |                |
| DESCRIPTION                  | REQUIRED   | PROVIDED       |
| LOT AREA                     | 8,000 S.F. | 15,035± S.F.   |
| LOT FRONTAGE                 | 75 FT      | 78.45 FT       |
| FRONT SETBACK                | 20 FT      | 22.9± FT       |
| SIDE SETBACK                 | 10/12 FT   | 12.2±/13.0± FT |
| REAR SETBACK                 | 30 FT      | 60.6± FT       |
| BUILDING HEIGHT (MAXIMUM)    | 45 FT      | 30± FT         |
| BUILDING COVERAGE (MAXIMUM)  | 30 %       | 10.2± %        |
| LOT COVERAGE (MAXIMUM)       | 65 %       | 35.7± %        |



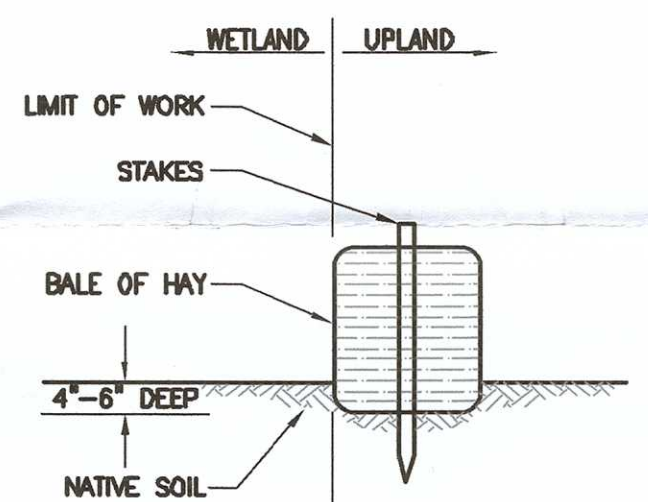
CULTEC RECHARGER 330XLHD STANDARD CROSS SECTION

NOT TO SCALE



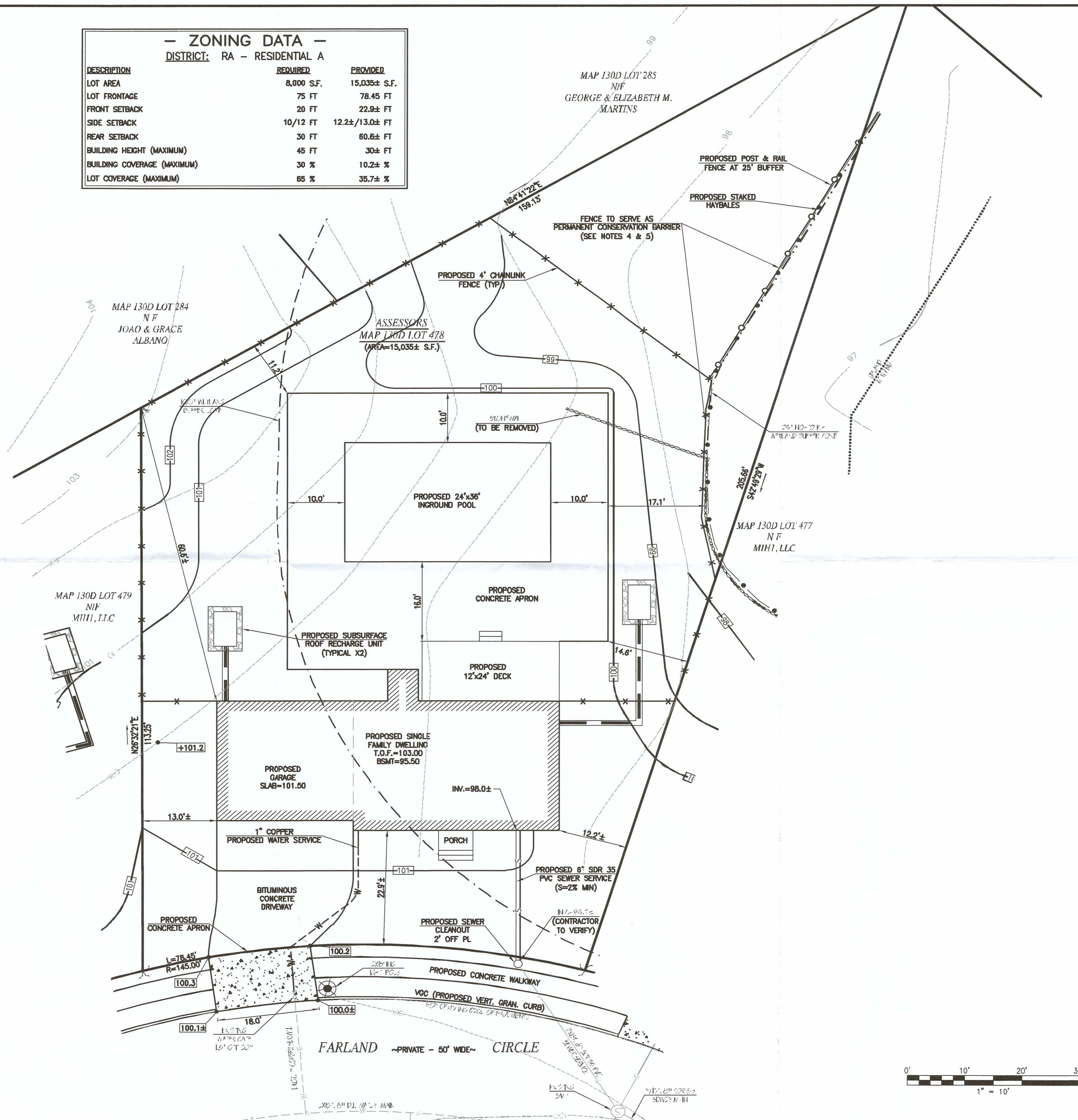
ROOF RECHARGE SYSTEM

NOT TO SCALE



STAKED HAY BALES

NOT TO SCALE



REVISIONS

1 8/26/19 PER CONSERVATION COMMENTS  
2 8/8/20 PER CLIENT REQUEST  
3 7/2/20 PER DPM COMMENTS



www.FarlandCorp.com

401 COUNTY STREET  
NEW BEDFORD, MA 02740  
P.508.717.3479  
OFFICES IN:  
•TAUNTON  
•MARLBOROUGH  
•WARWICK, RI

DRAWN BY: JT  
DESIGNED BY: JT  
CHECKED BY: CAF

SITE PLAN  
— FARLAND CIRCLE —  
ASSESSORS MAP 130D LOT 478  
NEW BEDFORD, MASSACHUSETTS

DPM DEVELOPMENT  
70 LAMBETH STREET  
NEW BEDFORD, MA 02745  
PREPARED FOR:

FEBRUARY 5, 2019

SCALE: 1"=10'

JOB NO. 18-1063.3

LATEST REVISION:  
JULY 2, 2020

SHEET 1 OF 1