

CARLOS A. QUINTAL  
 CIVIL  
 No. 30812  
 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION	BY
1	11/26/18	REVISIONS PER REVIEW COMMENTS	JS

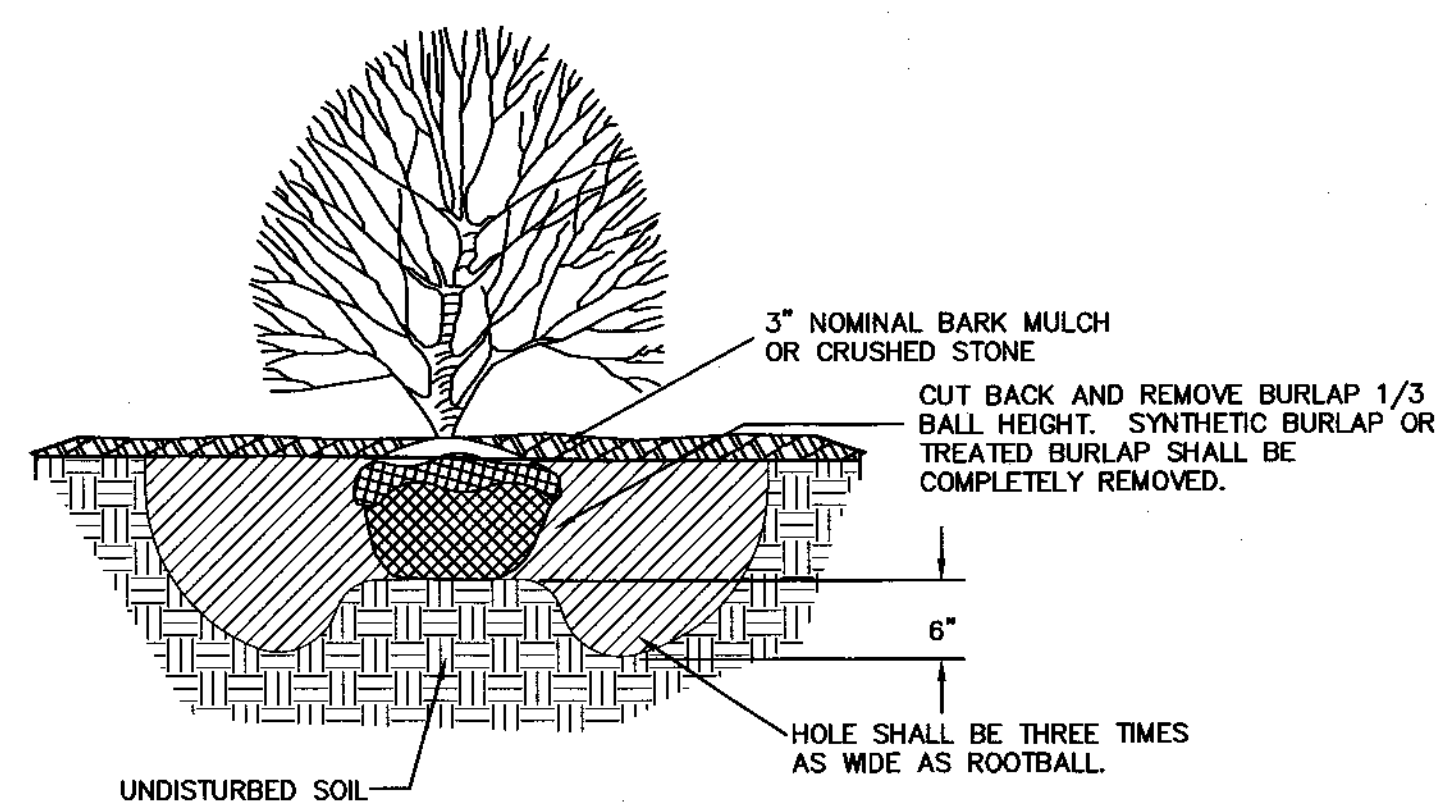
SITE PLAN  
 736 HIGH STREET  
 WESTWOOD, MASSACHUSETTS  
 PREPARED FOR  
 STAGECOACH CROSS L.P.  
 1212 BOYLSTON STREET  
 CHESTNUT HILL, MASSACHUSETTS

UNITED CONSULTANTS INC.  
 850 FRANKLIN STREET SUITE 11D  
 WRENTHAM, MASSACHUSETTS 02093  
 508-384-6560 FAX 508-384-6568

DATE NOV. 6, 2018 PROJECT UC 454-2018  
 SCALE 1" = 20' SHEET 1 of 1

ROOF AREA - 2,640 SF 0.061  
 RECHARGE PROVIDED HYDROLOGIC SOIL GROUP FOR RECHARGE - A RECHARGE FACTOR - 0.60  
 PERCENT VOLUME METHOD  
 $Rev = (F)(A)(I)/12$  WHERE  
 Rev = RECHARGE VOLUME (acre-feet)  
 F = RECHARGE FACTOR (in inches) = 0.60  
 A = AREA (in acres) = 0.067  
 I = IMPERVIOUSNESS = 0.98  
 $Rev = (0.60)(0.067)(0.98)/12 = 0.00299$  ac = 130.2 cf

PERCENT AREA METHOD  
 $Rea = (F)(A)(I)$  WHERE  
 Rea = RECHARGE VOLUME (acre-feet)  
 F = RECHARGE FACTOR (in inches) = 0.60  
 A = AREA (in acres) = 0.067  
 I = IMPERVIOUSNESS = 0.98  
 $Rea = (0.60)(0.067)(0.98) = 0.0359$  ac = 1,562 sf



SHRUB PLANTING N.T.S.