

STAGING AREA MATERIAL  
AS DETERMINED BY  
PROJECT ARBORIST

ROOT PROTECTION MATTING (SEE DETAILS)

EXCAVATE WITH SUPER SONIC AIR TOOL TO EXPOSE ROOTS. SMALL  
ROOTS SHALL BE HAND PRUNED BY ARBORIST AS NEEDED FOR  
UTILITY INSTALLATION.

SIGNIFICANT ROOTS SHALL BE PROTECTED AND REMAIN  
UNDISTURBED. ARBORIST MAY WRAP WITH PROTECTIVE  
MATERIAL/MATTING TO MINIMIZE DAMAGE.

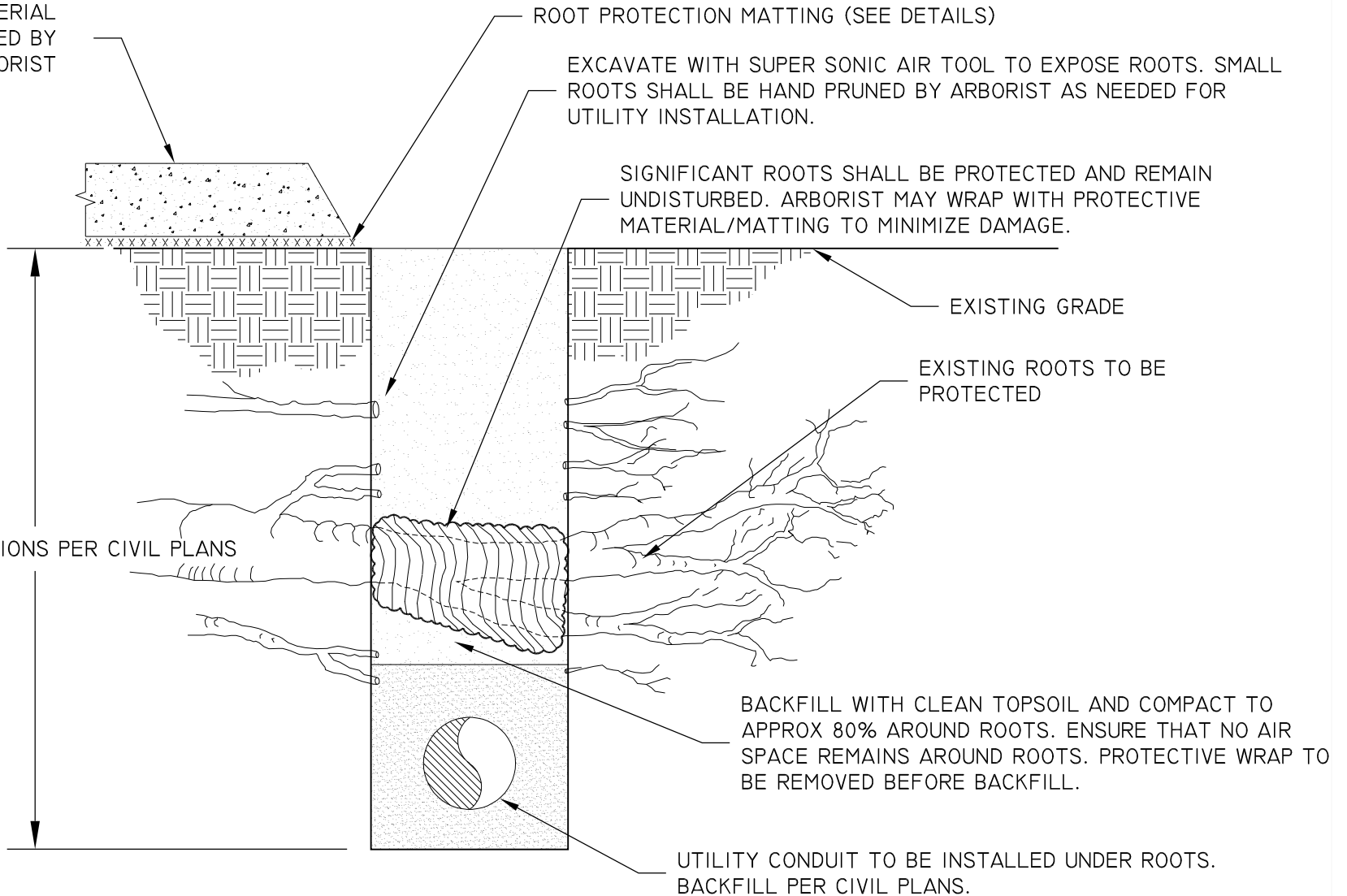
EXISTING GRADE

EXISTING ROOTS TO BE  
PROTECTED

TRENCH DIMENSIONS PER CIVIL PLANS

BACKFILL WITH CLEAN TOPSOIL AND COMPACT TO  
APPROX 80% AROUND ROOTS. ENSURE THAT NO AIR  
SPACE REMAINS AROUND ROOTS. PROTECTIVE WRAP TO  
BE REMOVED BEFORE BACKFILL.

UTILITY CONDUIT TO BE INSTALLED UNDER ROOTS.  
BACKFILL PER CIVIL PLANS.



# ROOT PROTECTION IN UTILITY TRENCH

SECTION  
311300.20 (2026)

NOT TO SCALE

