

- FENCING/ROOT PROTECTION

 1. PAINT OR STAKE FENCE ALIGNMENT OUTSIDE ZONE B FOR APPROVAL BY THE OWNER BEFORE INSTALLATION.
- 2. TREE PROTECTION FENCE SHALL BE PROVIDED AND MAINTANED AS SHOWN ON THE PLANS.
- 3. OWNER'S APPROVAL IS REQUIRED FOR USE/ACCESS WITHIN ZONE B. PERMISSION FOR USE/ACCESS REQUIRES SURFACE PROTECTION FOR ALL UNFENCED, UNPAVED SURFACES WITHIN ZONE B*.

* SURFACE PROTECTION MEASURES

- 1. MULCH LAYER, 6"-8" DEPTH
- 3/4" PLYWOOD STEEL PLATES 2.

TRENCHING/EXCAVATION

- ZONE A (CRITICAL ROOT ZONE)

 1. MEASURED: 7 X's THE ROOT FLARE DIAMETER (RFD)

 2. NO DISTURBANCE ALLOWED WITHOUT SITE—SPECIFIC OWNER'S INSPECTION AND APPROVAL OF METHODS TO MINIMIZE ROOT DAMAGE
- 3. SEVERANCE OF ROOTS LARGER THAN 2" DIA REQUIRES

OWNER'S APPROVAL

CONTRACTOR SHERROVAL

4. IF TREE ROOTS 2" IN DIAMETER OR MORE WILL BE
CUT, SCORED, OR GOUGED BY CONTRACT DIGGING, THE
CONTRACTOR SHALL CONTACT THE OWNER ABOUT
ALTERNATIVE GRADING, DEEPER EXCAVATION, OR
TUNNELING. THE OWNER MAY CONSULT WITH A CERTIFIED ARBORIST IN THIS INSTANCE.

ZONE B (TREE PROTECTION ZONE)

- 1. MEASURED: 25 X's DBH (DIAMETER BREAST HEIGHT) OPERATION OF HEAVY EQUIPMENT AND/OR STOCKPILING
- OF MATERIALS SUBJECT TO ENGINEERS APPROVAL IN ADVANCE.
- SURFACE PROTECTION* MEASURES AREA REQUIRED
- 3. THE OWNER MAY ALLOW TRENCHING AS FOLLOWS:

 EXCAVATION BY HAND OR WITH HAND-DRIVEN
 TRENCHER MAY BE REQUIRED. OTHER EQUIPMENT MAY BE USED AS APPROVED IN ADVANCE BY THE OWNER. - LIMIT TRENCH WIDTH, DO NOT DISTURB ZONE A
- 4. MAINTAIN 2/3 OR MORE OF ZONE B IN UNDISTURBED
- 5. TUNNELING IS REQUIRED WHEN INSTALLING UTILITIY LINES 3'-0" OR BELOW AND WHERE TREE ROOTS OVER 2" DIAMETER WILL BE OTHERWISE CUT, SCORED, OR GOUGED BY DIGGING.

 6. IF TREE ROOTS 2" IN DIAMETER OR MORE WILL BE
- CUT, SCORED, OR GOUGED BY CONTRACT DIGGING, THE CONTRACTOR SHALL CONTACT THE OWNER ABOUT ALTERNATIVE GRADING, DEEPER EXCAVATION, OR TUNNELING. THE OWNER MAY CONSULT WITH A CERTIFIED ARBORIST IN THIS INSTANCE.

DAMAGED OR DESTROYED PLANT REPLACEMENT 1. SEE SECTION 02231 OF THE SPECIFICATIONS

PARKS AND RECREATION DESIGN AND DEVELOPMENT DECEMBER 5, 2011

CITY OF BELLINGHAM TREE PROTECTION DETAIL SCALE: NTS

DRAWING 02950.07