

DEFINITIONS:

Park Strip - The grass area within the street right-of-way between back of curb (or edge of pavement) and sidewalk. In areas where there is no sidewalk, it is the area between the back of curb and the right-of-way or property line.

Trunk Dia. (DBH) - Tree trunk diameter in inches measured at a height of 4.5 feet above existing grade.

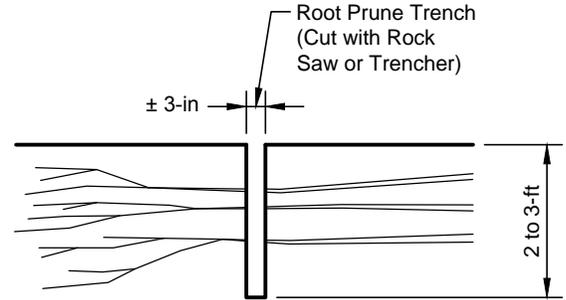
CRZ Rad. - Critical Root Zone Radius in feet. Defined as 3 times trunk DBH or 10-ft, whichever is greater. Do not install new utilities within this area.

RPZ Rad. - Root Protection Zone Radius. Extends to the edge of the dripline of the tree. No 'open cut' installation is allowed within this area. Push, directional drill or other approved technique for installation must be used.

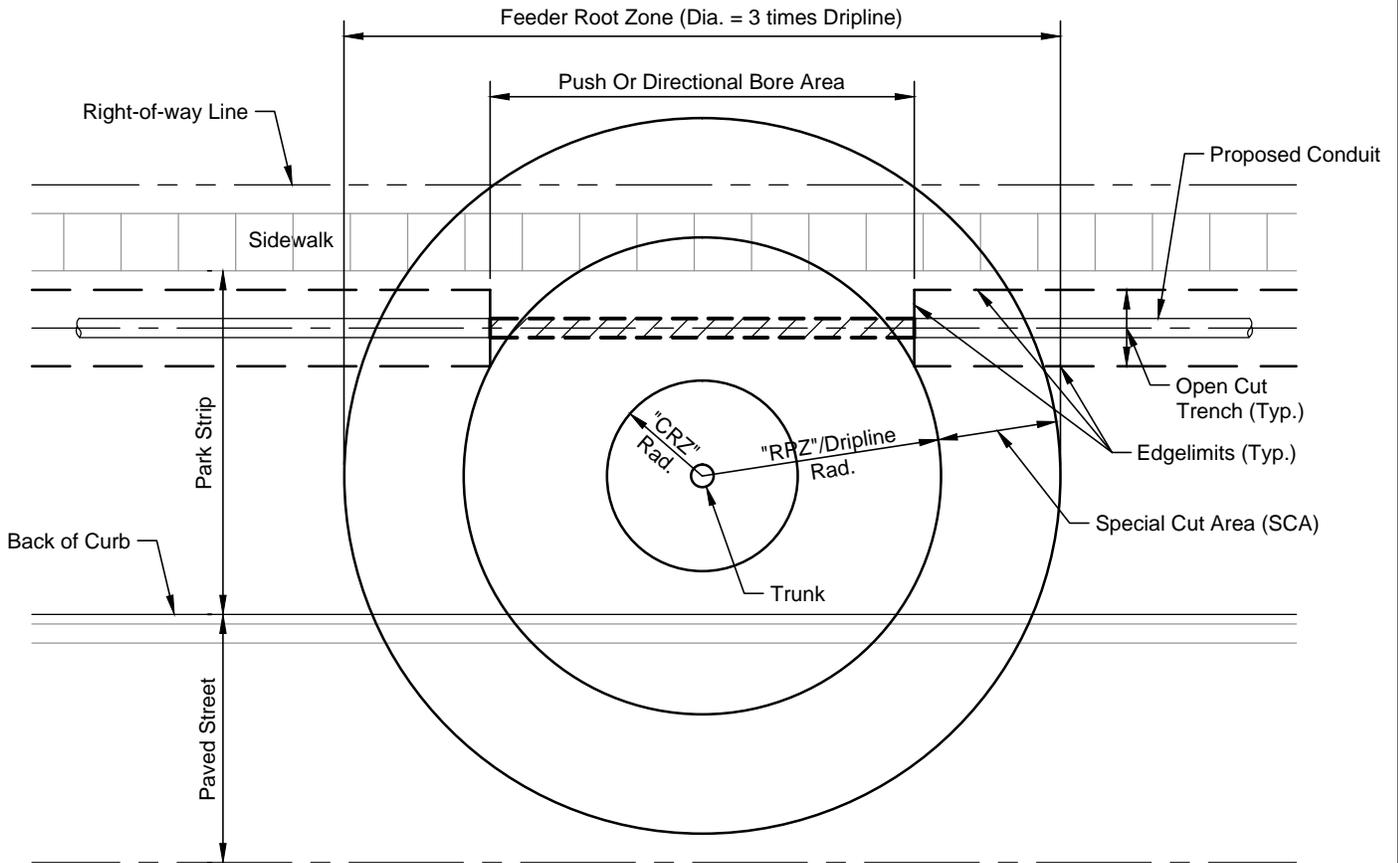
SCA - Special Cut Area. Pre-cut trench limits to a minimum depth of 2-3 feet using a trenching machine or other approved method before excavating the trench to plan depth.

NOTES:

1. This detail contains general guidelines for protection of existing trees within the 'park strip'.
2. No soil compaction by construction equipment within the RPZ radius.
3. If equipment must be stationed or operated within the drip line area, then tread plates or wheel mats must be used to prevent soil compaction.
4. If, in the opinion of the City Arborist, soil compaction has occurred as a result of the construction, then the contractor shall air spade the area to reestablish an adequate aeration layer within the upper soil horizon near the tree.



SPECIAL CUT AREA DETAIL



FILE NO.:
DATE: NOV. 2013
REVISION NO.:
REVISION DATE:

**CITY OF CEDAR RAPIDS PUBLIC WORKS DEPARTMENT STANDARD DETAIL
(MANDATORY FOR CITY PROJECTS - RECOMMENDED FOR ALL OTHER PROJECTS)**

BORE AND TRENCH DETAIL

NO.
2910-026