

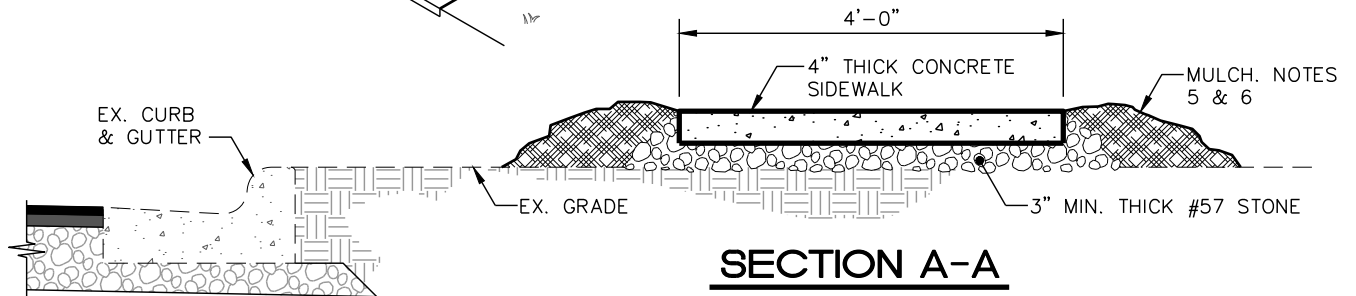
NO EXCAVATION WITHIN DRIP LINE OF TREE. PLACE SIDEWALK ON 3" LAYER (MIN.) OF #57 STONE AND COVER EXPOSED STONE WITH MULCH.

INSTALL SAFETY FENCING AT R=7' FROM TRUNK.

EX. CURB & GUTTER

MULCH

WHEN R.O.W. IS RESTRICTED, TRANSITION FROM A 5' SIDEWALK TO A 4' SIDEWALK WHEN CONSTRUCTION IS WITHIN 7' OF THE TRUNK.



**SECTION A-A**

**NOTES:**

1. The contractor shall be careful not to damage trees or roots.
2. Excavation within a trees drip line must be approved jointly by engineering inspections and the city arborist.
3. When there is a restricted R.O.W., a pinch point can be created by reducing the sidewalk width from 5' to 4' when construction is within 7' of any tree trunk.
4. A minimum of 3" of #57 stone shall be placed under the sidewalk within the drip line of any tree.
5. Mulch the entire construction area adjacent to the tree protection sidewalk construction.
6. Seed and mulch (type i) the construction area.

Details Provided by APPIAN Consulting Engineers - www.appianengineers.com



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**CITY OF DURHAM, NC**  
USE WITH THE STANDARD SPECIFICATIONS ONLY

Voice (919) 560-4326

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**PROTECTION OF EXISTING TREE  
DURING SIDEWALK CONSTRUCTION**

SCALE:  
Not to Scale

DETAIL#  
402.05

REVISION DATE:  
06/2017

SHEET#  
1 of 1