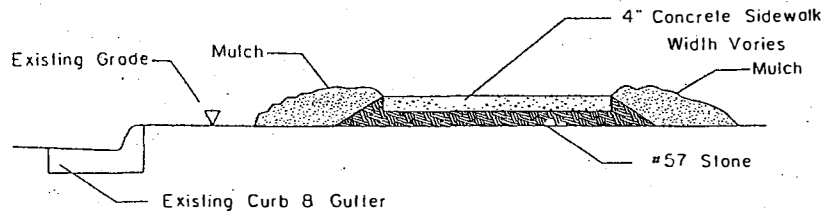


TREE PROTECTION SIDEWALK CONSTRUCTION NOTES:

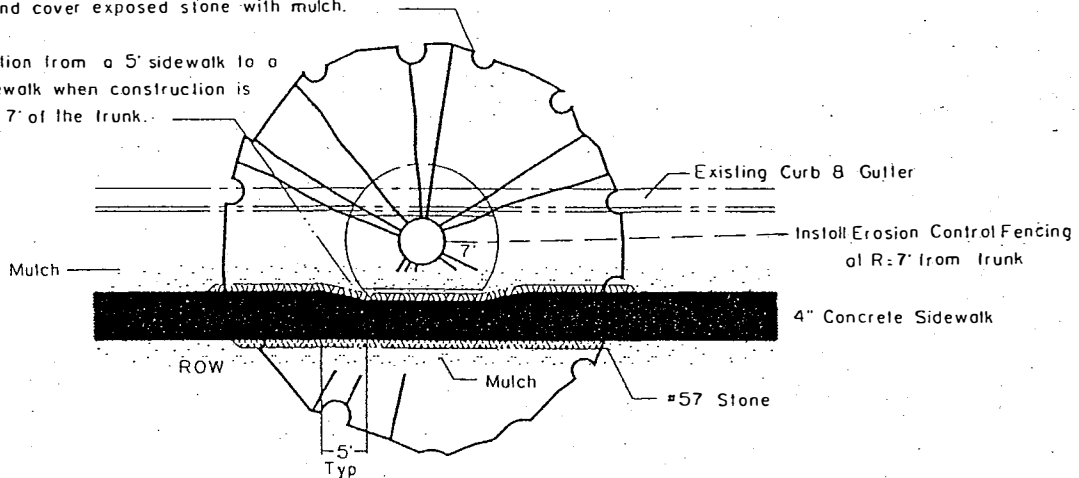
1. The Contractor shall take care not to damage trees or roots.
2. Excavation within a tree's drip line must be approved jointly by City Inspector John Rives and City Arborist Chris Boyer.
3. Reduce the sidewalk width from 5' to 4' when construction is within 7' of any tree trunk.
4. A minimum of 3" 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 II) the construction area.



CROSS SECTION OF
TREE PROTECTION
SIDEWALK CONSTRUCTION

No Excavation within drip line of tree.
Place sidewalk on 3" layer (min) of #57
stone and cover exposed stone with mulch.

Transition from a 5' sidewalk to a
4' sidewalk when construction is
within 7' of the trunk.



PLAN VIEW OF
TREE PROTECTION
SIDEWALK CONSTRUCTION

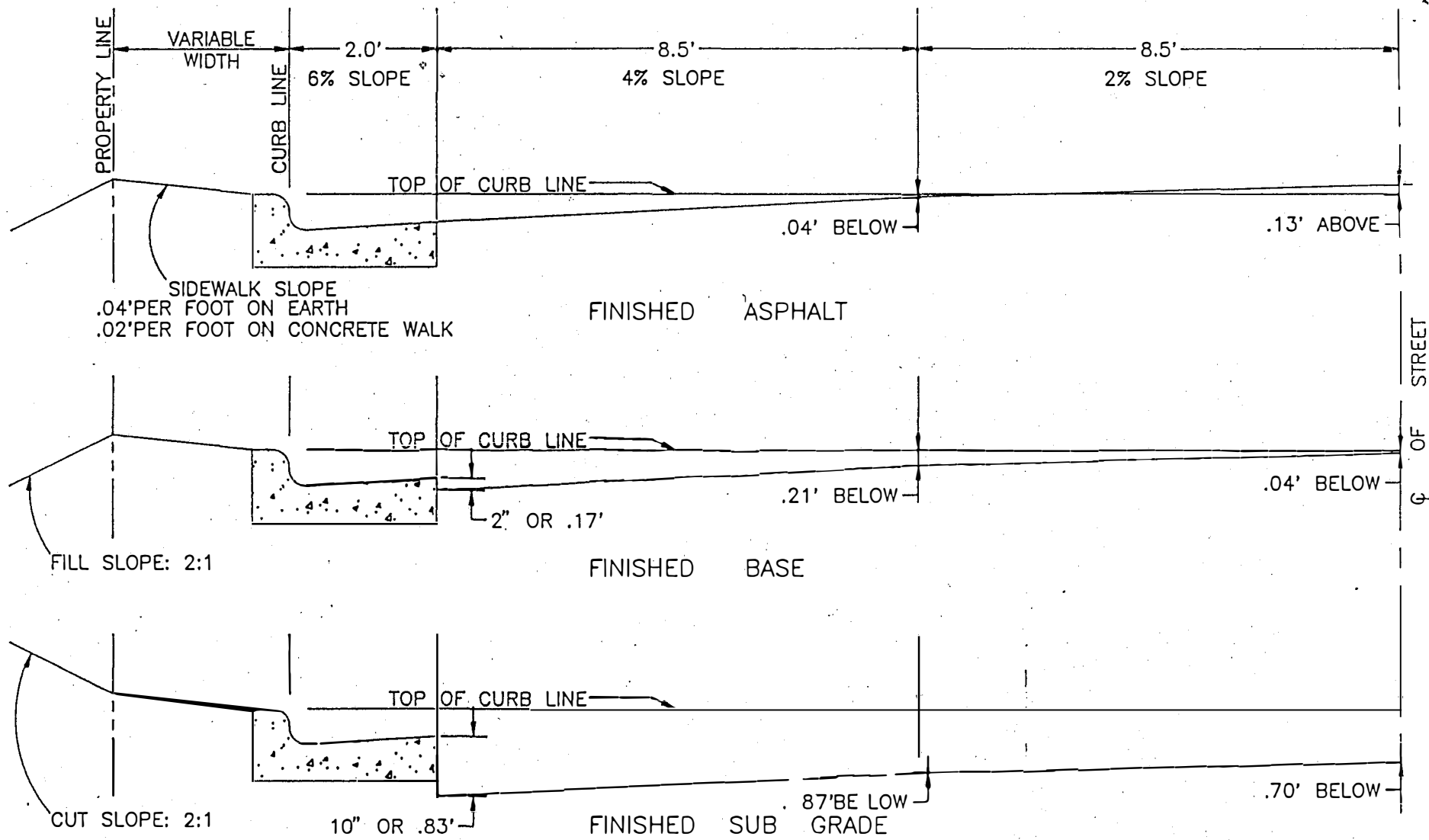
2. Seeding and Mulching:

Replace the fifth paragraph for "Item 43. SEEDING AND MULCHING" on page 37 of the "City of Durham Water and Sewer Construction Specifications" dated November, 1990 with the following:

Special attention is called to the portion of Section 880-4 of the North Carolina Department of Transportation and Highway Safety Specifications dealing with seedbed preparation. This project consists of two methods of seeding and mulching:

1. Type I. Type I seeding and mulching consists of loosening the soil by scarifying or other method to a depth of not less than 5 inches except as otherwise provided in Section 880-4 or directed by Engineer. Clods shall be broken and the top 2 to 3 inches of soil shall be worked into an acceptable seedbed by the use of soil pulverizers, drags, or harrows; or by other methods approved by the Engineer. All rock and debris 1 inch or larger shall be removed on cut or fill slopes which are 3:1 or flatter, medians, shoulders, and ditch slopes prior to the application of seed and fertilizer. Type I seeding and mulching will be required in all residential areas.
2. Type II. Type II seeding and mulching consists of loosening the soil by scarifying or other method to a depth of not less than 5 inches except as otherwise provided in Section 880-4 or directed by Engineer. Clods shall be broken and the top 2 to 3 inches of soil shall be worked into an acceptable seedbed by the use of soil pulverizers, drags, or harrows; or by other methods approved by the Engineer. All rock and debris 3 inches or larger shall be removed on cut or fill slopes which are 3:1 or flatter, medians, shoulders, and ditch slopes prior to the application of seed and fertilizer. Type II seeding and mulching will be required in all areas except for residential areas.

Superficial scratching of the slope surface will not be sufficient seedbed preparation. On 2:1 or 1-1/2:1 slopes, a seedbed preparation will be required approaching the degree of preparation required on flatter areas as far as depth is concerned although the same degree of smoothness of seedbed will not be required.



CROWN SHEET

FOR FINISHED SUB GRADE, SUB BASE AND FINISHED ASPHALT
 8" STONE BASE 2" FINISHED ASPHALT

38' STREET

DEPARTMENT OF PUBLIC WORKS DURHAM, NORTH CAROLINA
 APRIL 1991

