

General Notes:

See Plan & Profiles (6 Sheets) showing "Proposed Mud Lick Sewer Extension" along Mud Lick Creek to N. Side Sugar Loaf Mountain by C.B.M. & Son, C.E.'s dated May 13, 1957. Sheets 3 & 4 show details for sewer between M.H.s (23) & (30) incl. Proposed M.H. Revised (29) is shown hereon about 14.3' to west - no change in grades. 6" Wyes & 1/4 bends, and Stubs in Manholes on line along creek (M.H. 23 to 30 incl.) not shown on "Proposed Mud Lick Sewer Extension".

Elevations of Profiles on Approx. U.S.G.S. Datum - same as "Proposed Mud Lick Sewer Extension".

Record Map of Section No. 1 Cresthill dated Feb 15, 1957 by T.P. Parker recorded in P.B. 3-A-256. See Record Map for all lot & St. dimensions, easements, etc.

Proposed Sanitary Sewer mains, manholes, laterals, and wyes to be installed according to these Plan & Profiles using materials and construction methods in accordance with "Specifications and Standards for Sanitary Sewers of Engineering Department of the City of Roanoke, Va., except as otherwise stated herein.

All mains to be of approved 8" terra cotta or vitrified clay using cement grout joints except where poured joints are indicated on plan or by conditions which indicate infiltration is likely to occur.

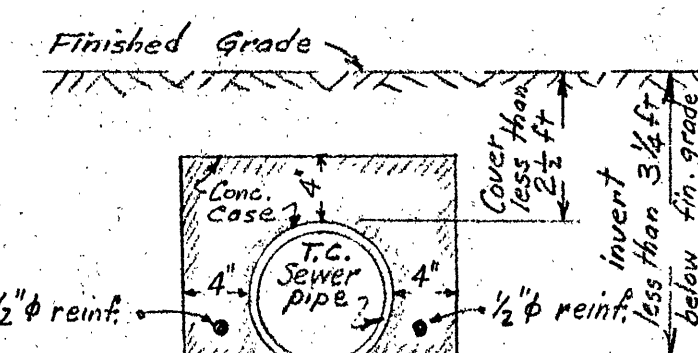
"Extra Strength" pipe shall be installed at every point where depth of cover above top of pipe exceeds 10' height.

A minimum cover of 2 1/2' above top of sewer shall be provided between manholes, or a 4" minimum thickness concrete case is to be placed over main according to "Typical Section - Conc. Case" shown hereon.

Manhole lids to contain the words "ROANOKE / SEWER / COUNTY"

Pay height for manholes to be from Invert to Top of Rim of manhole.

Infiltration for each collector line not to exceed 1 gal. per lin. ft. of 8" main per 24 hr. day.



Typical Section - Concrete Case

2000 psi. concrete to be used.

Conc. Case required where cover is less than 2 1/2' ft., unless C.I. pipe is used.



Proposed San. Sewer
Plans & Profiles (Sheets)
Approved:

Rene P. Matthews
Engineer for Roanoke County, Va.

James A. Beaders
Exec. Director, Roanoke Co. San. Authority

H. Clinton Cropper
City Engineer of Roanoke, Va.

John W. Matthews
Director of Public Works, Roanoke, Va.

A. J. Brown
Owner

8-28-57
date

8-28-57
date

9-6-57
date

Sept. 6, 1957
date

7-9-57
date

SHEET 1 OF 4 INDEX PLAN
PROPOSED SAN. SEWERS
SECT. No. 1 CRESTHILL
ROANOKE COUNTY, VIRGINIA.
PREPARED FOR G.G. FRALIN, CHAS. C. FLORA, & C.F. KEAVER
BY: C.B. MALCOLM & SON
STATE CERT. ENGRS. & SURV.

DATE: JULY 8, 1957 SCALE: 1"=100'
NOTE BOOKS 52-56, & 51-63-57 - Interceptor = N.B. 2 RM 62-57

Crest Hill