

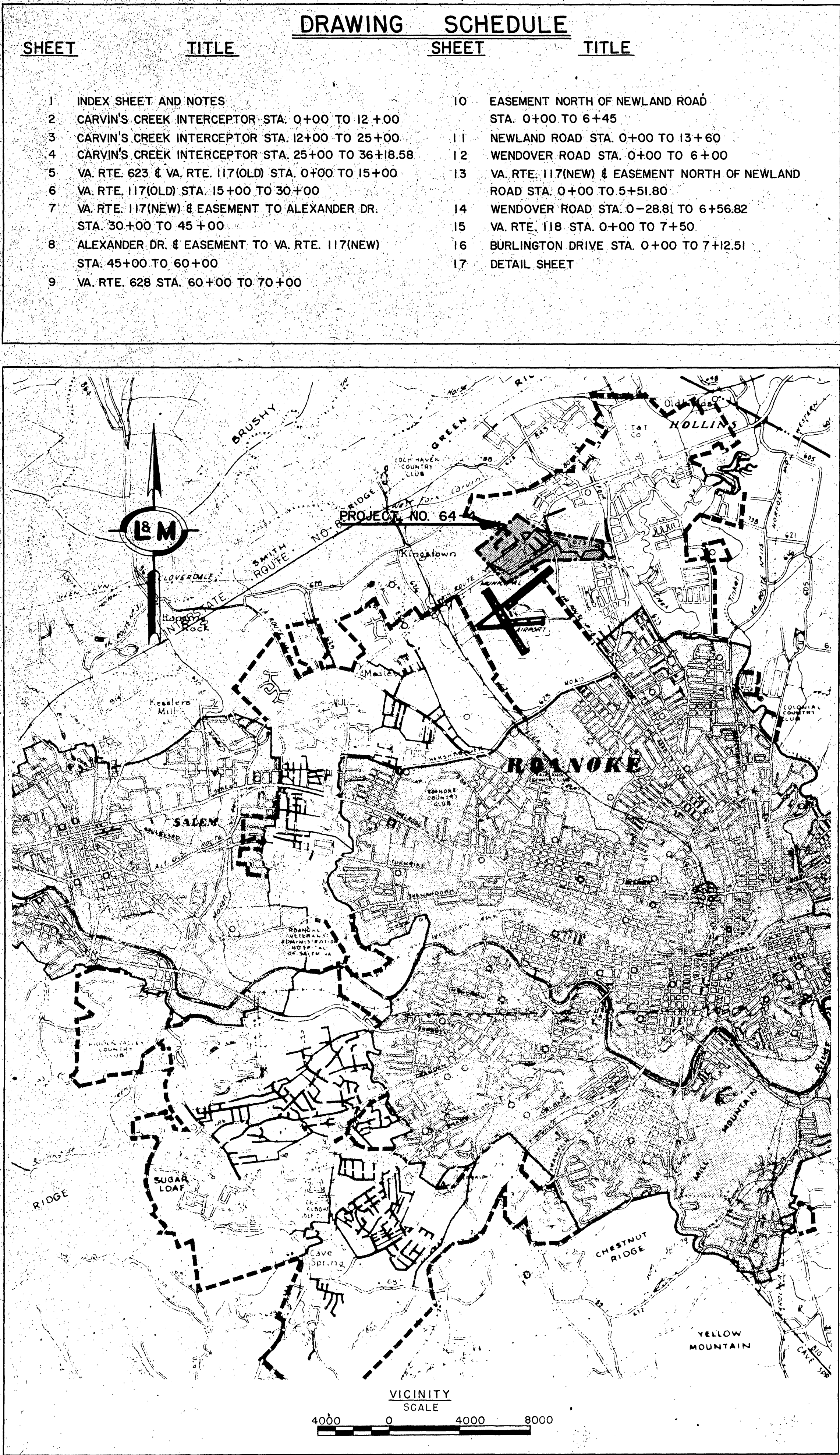
ROANOKE COUNTY
SANITATION AUTHORITY
ROANOKE COUNTY, VIRGINIA

AUTHORITY MEMBERS	
M.C. TOWNSEND	CHAIRMAN
G.D. WHITLOW	VICE-CHAIRMAN
A.F. PARRISH	
J.C. THOMAS	
P.R. THOMSON	
J.A. BEAVERS	EXECUTIVE DIRECTOR

ROANOKE COUNTY SANITATION AUTHORITY	ROANOKE COUNTY BOARD OF SUPERVISORS
APPROVED: <i>James A. Beavers</i> JAMES A. BEAVERS, EXECUTIVE DIRECTOR	APPROVED: <i>Paul B. Matthews</i> PAUL B. MATTHEWS, EXECUTIVE OFFICER

SANITARY SEWERAGE SYSTEM

PROJECT NO. 64-4
SERVICE AREA NO. 9
AUGUST 15, 1964



SUMMARY OF QUANTITIES			
ITEM	DESCRIPTION	QUANTITY	UNIT
1 THRU 4	15" SANITARY SEWERS, IN PLACE	4,044	L.F.
5 THRU 10	8" SANITARY SEWERS, IN PLACE	11,709	L.F.
11	8" C.I. SANITARY SEWERS, IN PLACE	79	L.F.
12	4" SANITARY SEWERS, IN PLACE	2,072	L.F.
13	STANDARD WYE BRANCHES, INCL. 1/8 BEND FOR 8" SEWER, IN PLACE	95	EACH
14 THRU 19	STANDARD MANHOLE, TYPE A, IN PLACE	53	EACH
20 & 21	DROP MANHOLE, TYPE B, IN PLACE	5	EACH
22	STANDARD CLEANOUT, IN PLACE	7	EACH

LEGEND

	CITY OF ROANOKE
	TOWNS OF SALEM AND VINTON
	JURISDICTIONAL BOUNDARIES
	PROJECT AREA
	SURVEY BASE LINE
	PROPERTY LINE OR RIGHT OF WAY LINE
	CENTER LINE OF ROAD
	EDGE OF PAVEMENT
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING MANHOLE
	PROPOSED MANHOLE
	PROPOSED CLEANOUT
	PROPOSED METERING STATION
	WATER MAIN
	GAS LINE
	ELECTRIC CABLE OR CONDUIT
	TELEPHONE CABLE OR CONDUIT
	RAILROAD TRACKS
	DITCH
	STREAM
	FENCE
	FIRE HYDRANT
	POWER POLE
	TELEPHONE POLE AND GUY WIRE
	VALVE VAULT
	WATER METER
	12" TREE
	SHRUB
	HEDGE
	ROCK OR STONE WALL
	EXISTING GROUND

LANGLEY AND McDONALD CONSULTING ENGINEERS NORFOLK, VIRGINIA	
APPROVED: <i>Joseph McDonald</i>	