CITY OF SALEM

DRAINAGE AREA
PETERS CREEK

No.	GROSS AREA ACRES	AV. DAILY DESIGN FLOW	PEAK DAILY DESIGN FLOW
I	1,075	1,075 MGD.	2.70 MGD.
II	572	0.500	1.25
III	379	0.379	0.95
IV	580	0.580	1.45
V	169	0.169	0.42
VI	156	0.156	0.39
VII	238	0.238	0.60
VIII	267	0.267	0.67
IX	596	0.338	0.85
TOTAL	4,032	3.702 MGD	9.28 MGD

LEGEND

- DRAINAGE AREA BOUNDARY
- SUB-AREA BOUNDARY
- 12" EXISTING INTERCEPTOR
- (1) FLOW MEASUREMENT POINT
- [E] SUB-MAIN DESIGNATION
- 15" FUTURE EXTENSION
- FUTURE 8 IN. CONNECTION

CITY OF ROANOKE

RELIEF SEWER REQUIREMENTS

AREA	SUBMAIN	M.H.	TO M.H.	RELIEF SEWER SIZE	YEAR NEEDED
I	A	83	108	18"	1980
II	C	83	215	15"	1975
III	D	77	304	12"	1980
IV	E	80	426	15"	1972
		426	435	8"	1972
VIII	L	44	804	8"	1975

FROM MH 1 → MH 56 : @ MH 56 A LINE SIZE CHANGE OCCURES
5.39 REPRESENTS THE CAPACITY IN THIS SECTION THAT IS REQUIRED TO SERVE EXISTING CONNECTIONS. TO THIS LINE & THOSE EXIST. CONNECTIONS UPSTREAM

FROM MH 56 → MH 83 → MH 100
4.9 REPRESENTS THE CAPACITY REQUIRED TO SERVE EXISTING CONNECTIONS UPSTREAM (EXIST. CONN. TO LINE FROM MH 83 → 100 WAS TAKEN INTO ACCOUNT IN THIS FIGURE)

FROM MH 83 → MH 215
.76 REPRESENTS THE CAPACITY REQUIRED TO SERVE EXISTING CONNECTIONS UPSTREAM

Pollution Abatement Program Map.

1000 500 0 1000 2000 FEET

ROANOKE COUNTY PUBLIC SERVICE AUTHORITY
ROANOKE COUNTY, VIRGINIA

INTERCEPTOR SEWER SYSTEM
PETERS CREEK DRAINAGE AREA

POLLUTION ABATEMENT PROGRAM MAP
PETERS CREEK DRAINAGE AREA
SEWER INTERCEPTOR

LANGLEY, McDONALD & OVERMAN
CONSULTING ENGINEERS
NORFOLK, VIRGINIA

FEBRUARY 1, 1972

PLATE I