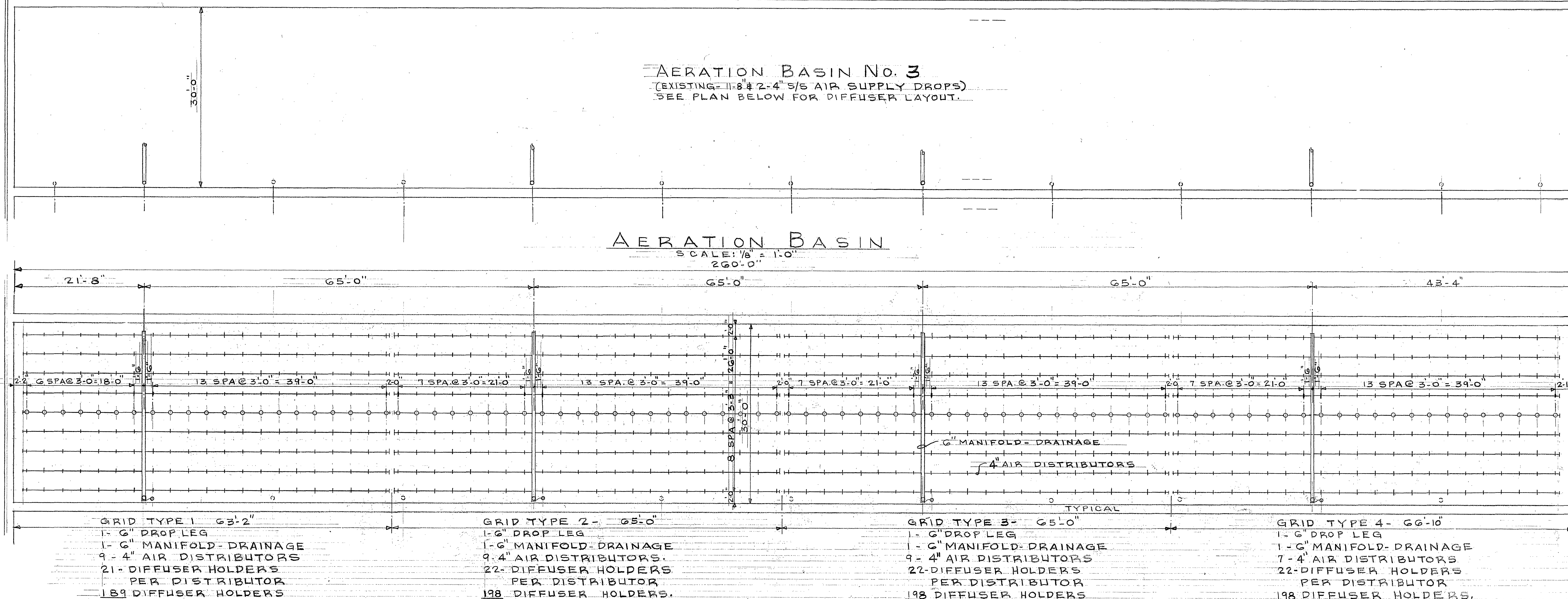
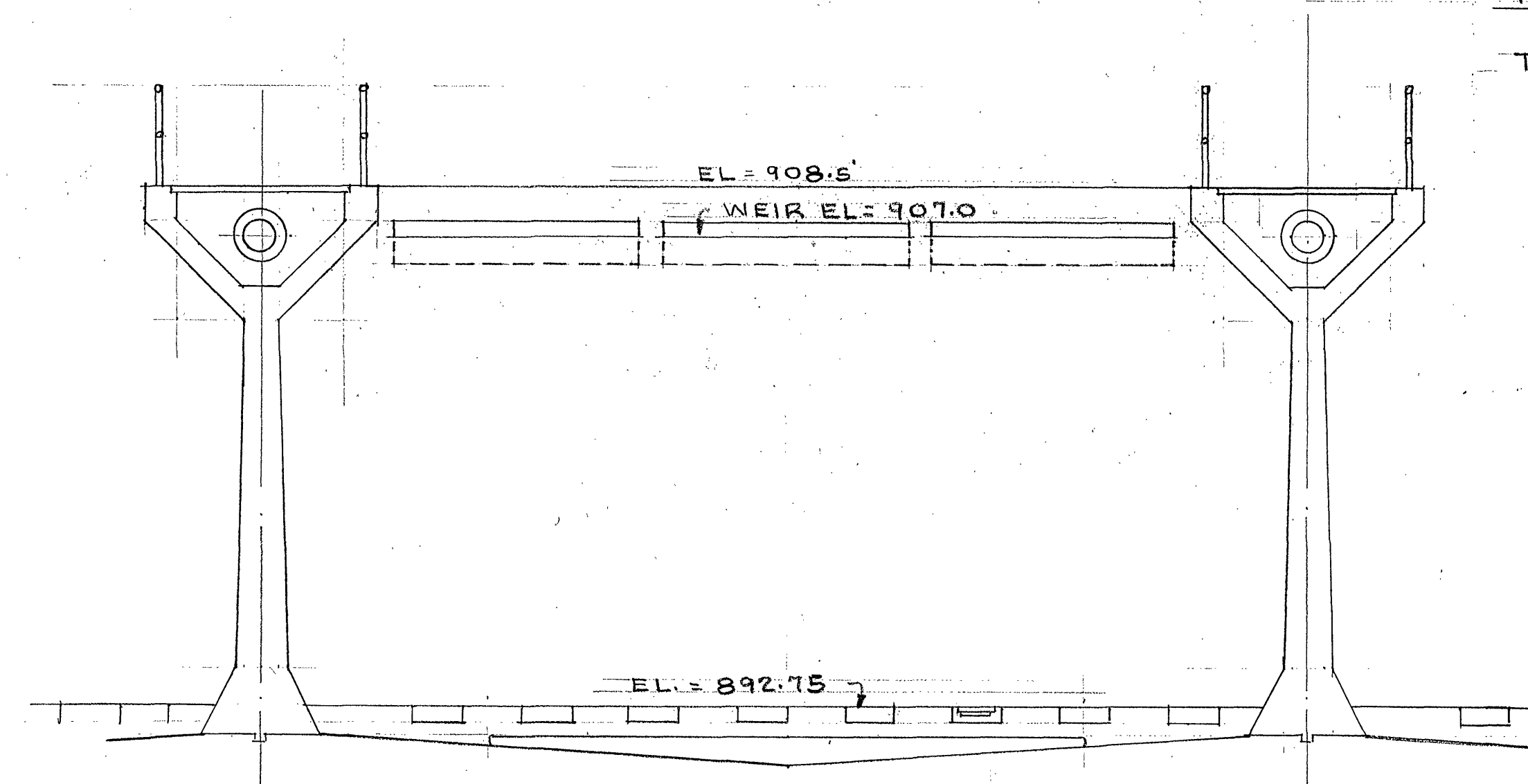


(EXISTING- 11-8" & 2-4" S/S AIR SUPPLY DROPS)
SEE PLAN BELOW FOR DIFFUSER LAYOUT.

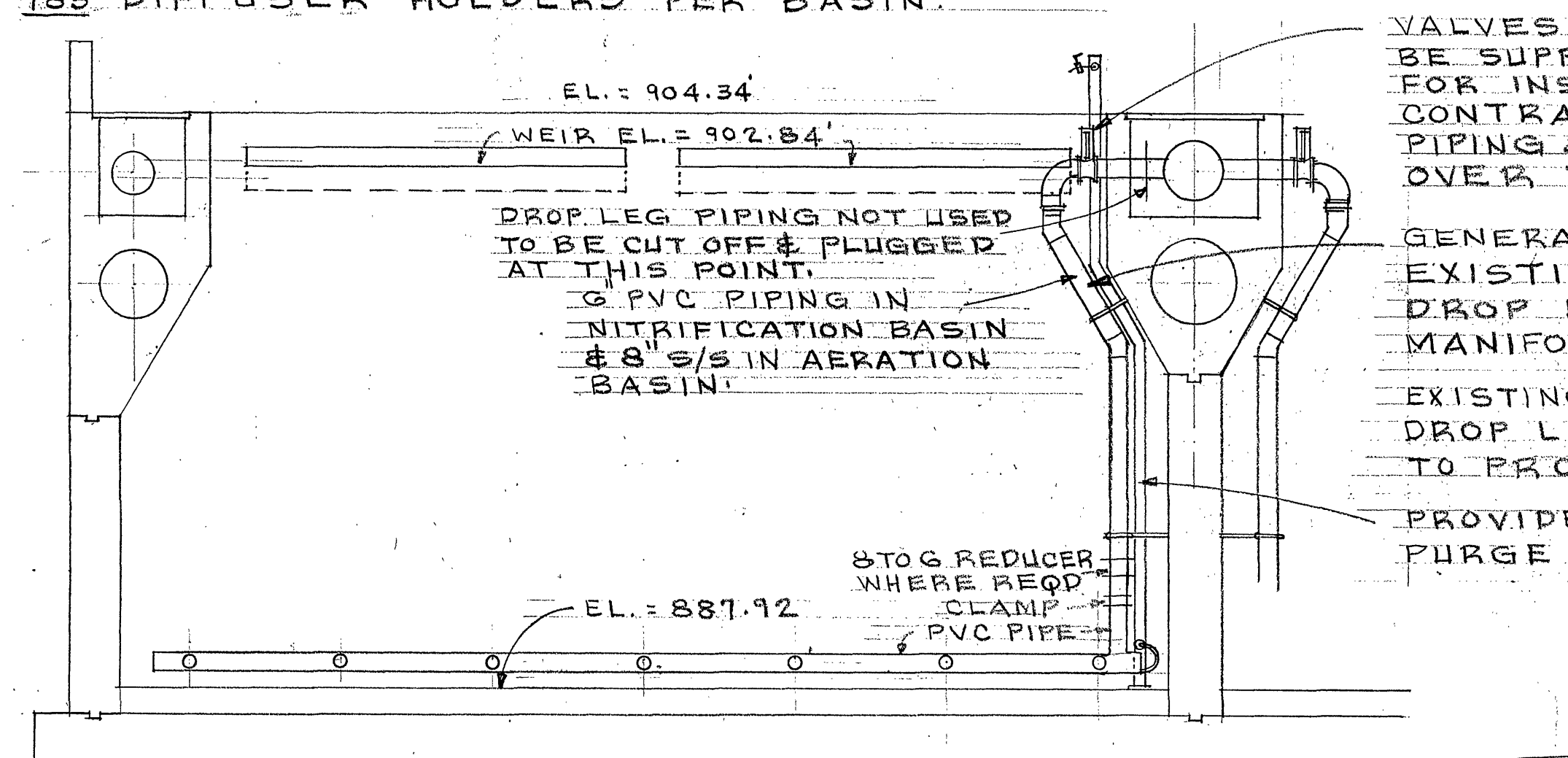


NITRIFICATION BASIN No. 3 & 4

SCALE: $\frac{1}{8}" = 1'-0"$
TOTAL OF 783 DIFFUSER HOLDERS PER BASIN



SECTION A-A AERATION BASIN.



SECTION B-B NITRIFICATION BASIN

VALVES EITHER EXIST OR WILL
BE SUPPLIED BY CITY OF ROANOKE
FOR INSTALLATION BY CONTRACTOR.
CONTRACTOR TO REMOVE DROP LEG
PIPING & VALVES NOT USED & TURN
OVER TO CITY OF ROANOKE.

GENERAL NOTES
EXISTING AERATION BASIN HAS 11-8" & 2-4" S/S
DROP LEGS. USE 4 DROP LEGS-8" S/S TO 6" PVC
MANIFOLD-DRAINLINE.

EXISTING NITRIFICATION BASIN HAS 11-6" PVC
DROP LEGS. USE 4 DROP LEGS AS SHOWN
TO PROVIDE 4-6" PVC MANIFOLD-DRAINAGE PIPES

PROVIDE 4-4" PVC PROTECTIVE PIPE WITH 1" PVC PURGE PIPING INSIDE WITH DRAIN COCK AT TOP

DATE	REV.	DESCRIPTION		BY
			CITY ENGINEER	
ALTERATIONS TO [#] 3#4 NITRIFICATION BASINS - WATER POLLUTION CONTROL PLANT ROANOKE, VIRGINIA			DRAWN L.B.C. CHECKED APPROVED DATE 6-25-91 PLAN NO. 19-90A SHEET 1 OF 2	
OFFICE OF CITY ENGINEER MUNICIPAL BUILDING, ROOM 350 215 CHURCH AVENUE, S.W. ROANOKE, VIRGINIA 24011				