

**GENERAL NOTES - WATER & SEWER**

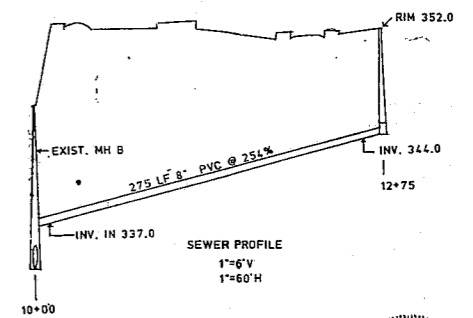
1. ALL CONSTRUCTION SHALL BE ACCORDING TO TOWN OF CARY STANDARDS AND SPECIFICATIONS.
2. CLEANOUTS FOR 6" SERVICE LATERALS TO THE BUILDINGS SHALL BE AT A MAXIMUM OF 100' SPACING, WITH A MINIMUM 0.060% SLOPE. CLEANOUTS IN PAVED AREAS SHALL HAVE IRON RISERS WITH BRASS CAPS.
3. CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS WITH CONSTRUCTION IN AREAS OF EXISTING 18" OUTFALL.
4. TEN FOOT MINIMUM SPACING SHALL BE MAINTAINED BETWEEN WATER AND SEWER LINES OR CONTRACTOR SHALL USE FERROUS MATERIAL. WHERE WATER AND SEWER LINES CROSS, CONTRACTOR SHALL USE FERROUS MATERIAL TO 10" EITHER SIDE OF THE CROSSING OR BOTH LINES.
5. AVERAGE DAILY FLOW ESTIMATED TO BE 16,500 GPD.
6. PRESSURE REDUCING VALVES SHALL BE USED IF PRESSURES EXCEED 80 PSI. LOCATE WITHIN BUILDINGS. SEE PLUMBING DRAWINGS.
7. ALL WATER LINE UP TO METERS SHALL BE PROVIDED W/20' EASEMENTS FOR TOWN ACCESS FOR MAINTENANCE.

1982  
FF RESULTS  
HYDRANT

STATIC	105 PSI
RESIDUAL	84 PSI
PITO	42 PSI
COEF	0.9
2301 GMP	20 PSI

EXISTING 18" SEWER LINE  
AS-BUILT INFORMATION

MANHOLE	RIM EL.	CENTERLINE INV.
A	344.65	331.92
B	347.02	334.70
C	348.86	337.66
D	348.84	339.80
E	348.45	340.44
F	349.98	341.39
G	350.55	342.53



**Withers & Ravenel, P.A.**  
CONSULTING ENGINEERS

No.	Description	Date	By
1	REVISE PER COMMENTS	7/18/89	WJR

**CARY AUTO MALL**

**WATER AND SEWER PLAN**

Designer	WJR	Scale	1"=50'
Drawn By	PWS	Date	
Checked By	WJR	Job No.	22-89

Sheet No.  
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