



- LEGEND**
- CHECK DAM T.O.C. STD. 4.06
  - DIVERSION DITCH T.O.C. STD. 4.08
  - SPOT ELEVATION
  - STORM DRAINAGE STRUCTURE
  - RCP AND CB
  - SILT FENCE

- NOTES:**
1. STRUCTURES 34-39 TO BE INSTALLED WITH MACKENAN DRIVE IMPROVEMENTS.
  2. ALL ON-SITE STORM DRAINAGE PIPE TO BE RCP UNLESS OTHERWISE NOTED.
  3. SEE SHEET #5 FOR SEEDING SPECIFICATIONS.
  4. ALL CONSTRUCTION SHALL COMPLY TO TOWN OF CARY STANDARDS.

**DRAINAGE STRUCTURE RIM AND INVERT EL. SCHEDULE**

U.S. STRUCTURE	D.S. STRUCTURE	U.S. RIM ELEVATION	D.S. RIM ELEVATION	U.S. INVERT	D.S. INVERT
9	10	356.00	359.50	348.25	347.95
10	13	350.50	349.25	347.25	343.95
13	16	349.25	351.50	343.85	341.55
16	17	351.50	350.50	341.00	340.60
42	43	350.50	350.50	347.90	347.40
43	19	350.50	---	347.20	346.60
20	19	---	---	347.50	346.70
19	18	349.50	346.25	343.35	---
18	16	351.50	343.15	341.55	---
11	40	351.50	350.50	346.90	346.69
40	12	350.50	350.50	346.60	344.69
12	13	350.50	349.25	344.40	344.19
17	17	351.50	---	341.20	340.60
14	14	350.50	349.25	344.24	344.10
4	4	350.50	350.50	346.30	344.00
4	5	350.50	350.50	343.30	343.80
5	6	350.50	350.50	343.70	343.30
6	7	350.50	350.50	343.30	342.50
7	45	350.50	353.50	342.60	341.20
45	31	353.50	---	341.20	341.00
27	20	352.50	---	348.50	345.00
29	30	350.50	---	346.75	345.75
30	1	353.50	354.00	351.30	---
2	34	354.00	356.50	351.00	350.65
3	35	354.00	357.50	347.50	347.60
33	38	351.77	358.58	348.00	347.00
41	44	352.50	---	346.50	344.00

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

No.	Description	Date	By
1	REVISE PER COMMENTS	3/16/90	WAS

**CARY AUTO MALL**

**GRADING, STORM DRAINAGE, AND EROSION CONTROL**

Designer: WAS  
Scale: 1"=60'  
Drawn By: PMS  
Date: 3-15-90  
Checked By: WAS  
Job No.: 22-89

Sheet No. **2**  
of