

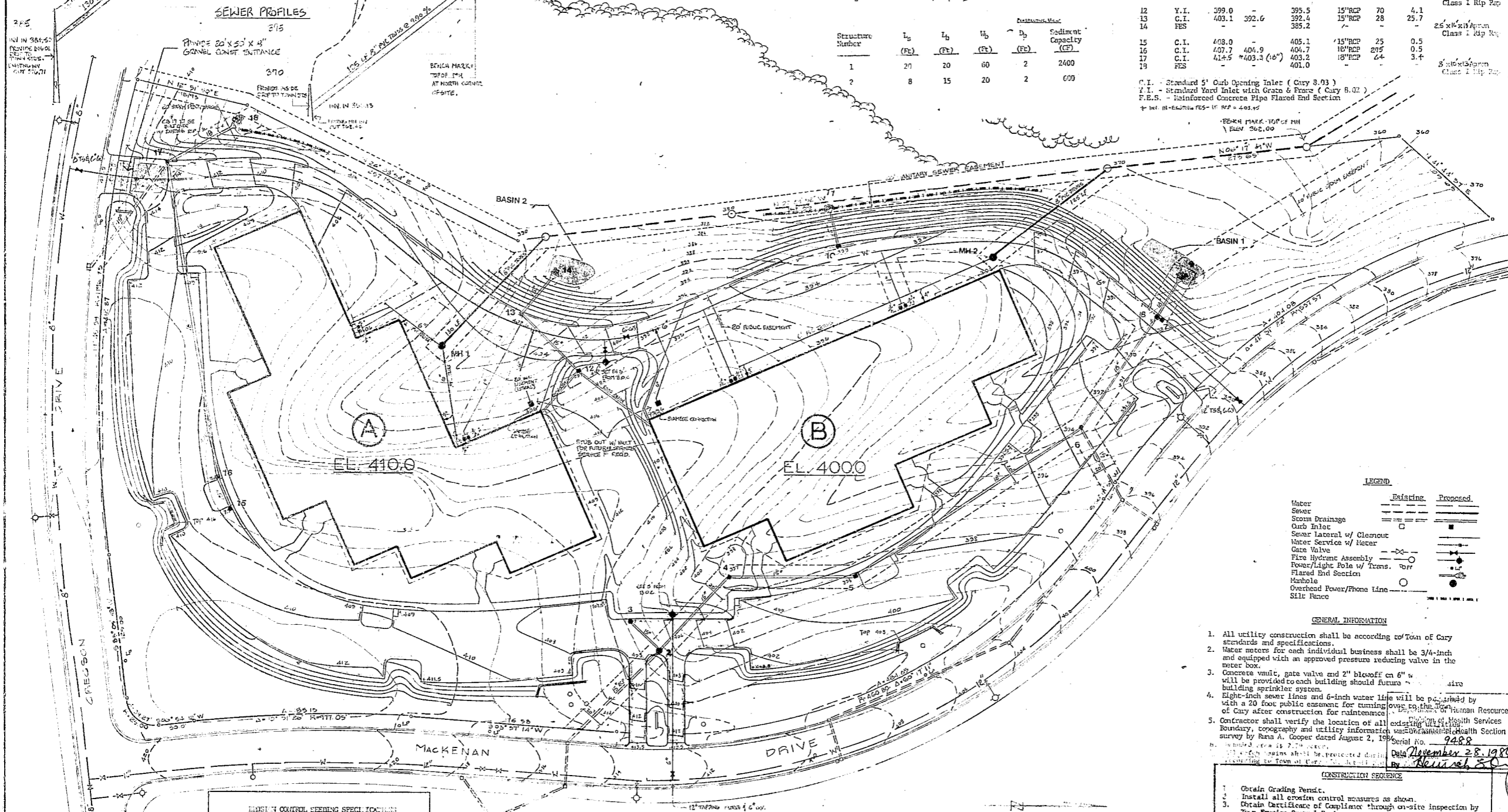
**STORM DRAIN SCHEDULE**

Structure Number	Structure Type	Rim Elev.	Inv. In Elev.	Inv. Out Elev.	Pipe Out	Length Ft.	Slope %	Comments
2	Storm MH	407.0	402.4 (Exist)	401.2	15"RCP	88	8.9	
3	C.I.	407.5	401.2 (Clear)	402.3	15"RCP	38	2.3	
4	Y.I.	397.0	393.4	393.2	15"RCP	112	2.7	
5	C.I.	398.5	390.2	390.0	18"RCP	233	2.4	
6	Storm MH	393.2	384.7 (Exist)	384.1	18"RCP	112	4.0	
7	C.I.	387.5	380.6 (15")	381.0	15"RCP	4	5.0	
8	C.I.	387.5	379.6 (18")	379.4	18"RCP	30	21.3	
9	FES	-	-	373.0	-	-	-	5' x 8' x 2' Apron Class I Rip Rap
10	C.I.	393.5	-	387.0	15"RCP	26	26.9	
11	FES	-	-	375.0	-	-	-	2' x 6' x 1' Apron Class I Rip Rap
12	Y.I.	399.0	-	395.5	15"RCP	70	4.1	
13	C.I.	403.1	392.6	392.4	15"RCP	28	25.7	
14	FES	-	-	385.2	-	-	-	2' x 6' x 1' Apron Class I Rip Rap
15	C.I.	408.0	-	405.1	15"RCP	25	0.5	
16	C.I.	407.7	404.9	404.7	18"RCP	295	0.5	
17	C.I.	414.5	403.3 (6")	403.2	18"RCP	64	3.4	
19	FES	-	-	401.0	-	-	-	5' x 8' x 2' Apron Class I Rip Rap

**SEDIMENT BASIN**

Structure Number	L <sub>1</sub> (Ft)	L <sub>2</sub> (Ft)	L <sub>3</sub> (Ft)	D <sub>1</sub> (Ft)	Sediment Capacity (CF)
1	20	20	60	2	2400
2	8	15	20	2	600

C.I. - Standard 5' Ourb Opening Inlet ( Cary 8.93 )  
 Y.I. - Standard Yard Inlet with Grate & Frame ( Cary 8.02 )  
 F.E.S. - Reinforced Concrete Pipe Flanged End Section  
 + Inv. MH - Existing FES - 1" RCP = 401.2



**EROSION CONTROL SEEDING SPECIFICATIONS**

All grassed areas outside of parking lots shall be seeded with Kentucky 31 tall fescue at a rate of 5 lbs./1000 sq. ft. Grassed areas adjacent to buildings shall receive sod - a variety called 'Rebel'.

- GENERAL INFORMATION**
- All utility construction shall be according to Town of Cary standards and specifications.
  - Water meters for each individual business shall be 3/4-inch and equipped with an approved pressure reducing valve in the meter box.
  - Concrete vault, gate valve and 2" blowoff on 6" w/w will be provided to each building should future building sprinkler system.
  - Eight-inch sewer lines and 6-inch water line will be provided by with a 20 foot public easement for turning over to the Human Resources of Cary after construction for maintenance.
  - Contractor shall verify the location of all existing utilities. Boundary, topography and utility information was obtained from Health Services Department of Cary, NC. Health Section survey by Rena A. Cooper dated August 2, 1984. Serial No. 7488. Date November 28, 1984. By [Signature]

- CONSTRUCTION SEQUENCE**
- Obtain Grading Permit.
  - Install all erosion control measures as shown.
  - Obtain Certificate of Compliance through on-site inspection by Town Erosion Control Engineer.
  - Proceed with grading.
  - Close sediment basins when half full.
  - Seed and mulch graded area within 30 days after finished grades are established.
  - Maintain soil erosion control measures until permanent ground cover is established.
  - Remove soil erosion control measures and stabilize these areas.
  - Request final approval by Town Erosion Control Engineer.

**PRELIMINARY NOT FOR CONSTRUCTION**



**community land design**  
 1407 Enclosure Circle  
 Cary, North Carolina 27511  
 1994/09/18/22

THE BARNHILL COMPANY  
 DISTRIBUTION FACILITIES  
 27 A-B MACGREGOR PARK, CARY, N.C.  
 WATER, SEWER, STORM WATER, & EROSION CONTROL

