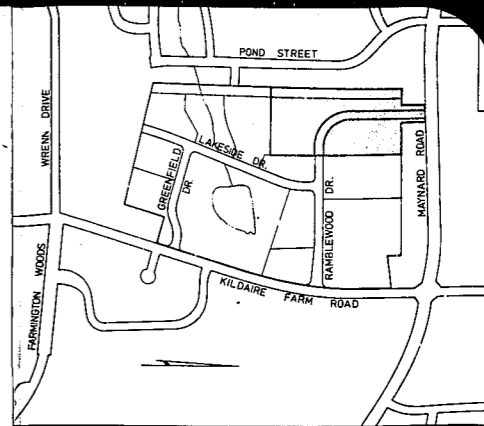


**PLAN SUMMARY**  
 ZONING DISTRICT O#I; REC  
 TRACT AREA 8.473 AC  
 AREA OF STREET 0.868 AC  
 NO. OF LOTS 12



**VICINITY MAP**  
 1" = 500'

**DRAINAGE STRUCTURES**

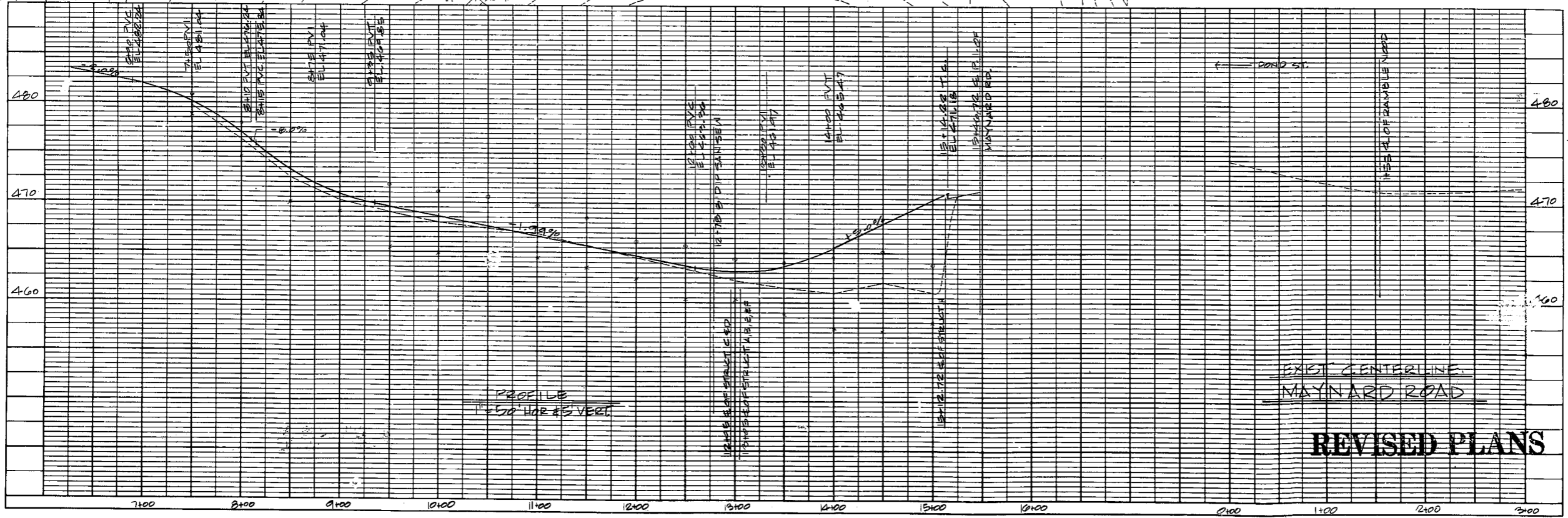
STRUCTURE IDENTIFIER	RIM ELEVATION (TOP-OF-CURB)
A	463.34
B	463.34
C	463.34
D	463.34
E	463.34
F	463.34
G	463.34
H	463.34
I	463.34

**DRAINAGE PIPES**

PIPE IDENTIFIER	DIAMETER (INCHES)	UPSTREAM INVERT	DOWNSTREAM INVERT	LENGTH (ft.)	SLOPE (%)	Q <sub>10</sub> (cfs)
A-B	24	460.50	460.30	20	1.00	17.4
B-C	15	460.40	460.30	5	2.00	-
C-D	24	460.10	459.76	34	1.00	21.4
D-E	15	459.96	459.76	5	2.00	-
E-F	24	459.55	459.00	55	1.00	21.2
F-G	30	463.50	462.85	65	1.00	21.2
G-H	42	458.80	455.80	155	1.94	121.2
H-I	24	458.33	458.00	70	0.19	25.4

\* Not necessarily Q<sub>10</sub> - discharge was in part determined by capacity of 36" RCP under Maynard Road prior to overtopping the road.

*Approved AS BOWEN*  
 7-10-82  
 11/19/82



**REVISIONS**

**William G. Daniel & Associates**  
 CONSULTING ENGINEERS  
 1152 Executive Circle, Suite 201  
 Cary, North Carolina 27511

PROJECT SUBDIVISION  
 CHASE & ALEXANDER PROP.  
 PROP. OF L. CALEXANDER & MARION CHASE  
 CARY, NORTH CAROLINA

DATE  
 4-27-82

SCALE  
 AS NOTED

SHEET  
 1

OF  
 2

DRAWN BY  
 P. PRIEST

REVISIONS

#284-82  
 #1 TOC REVIEW