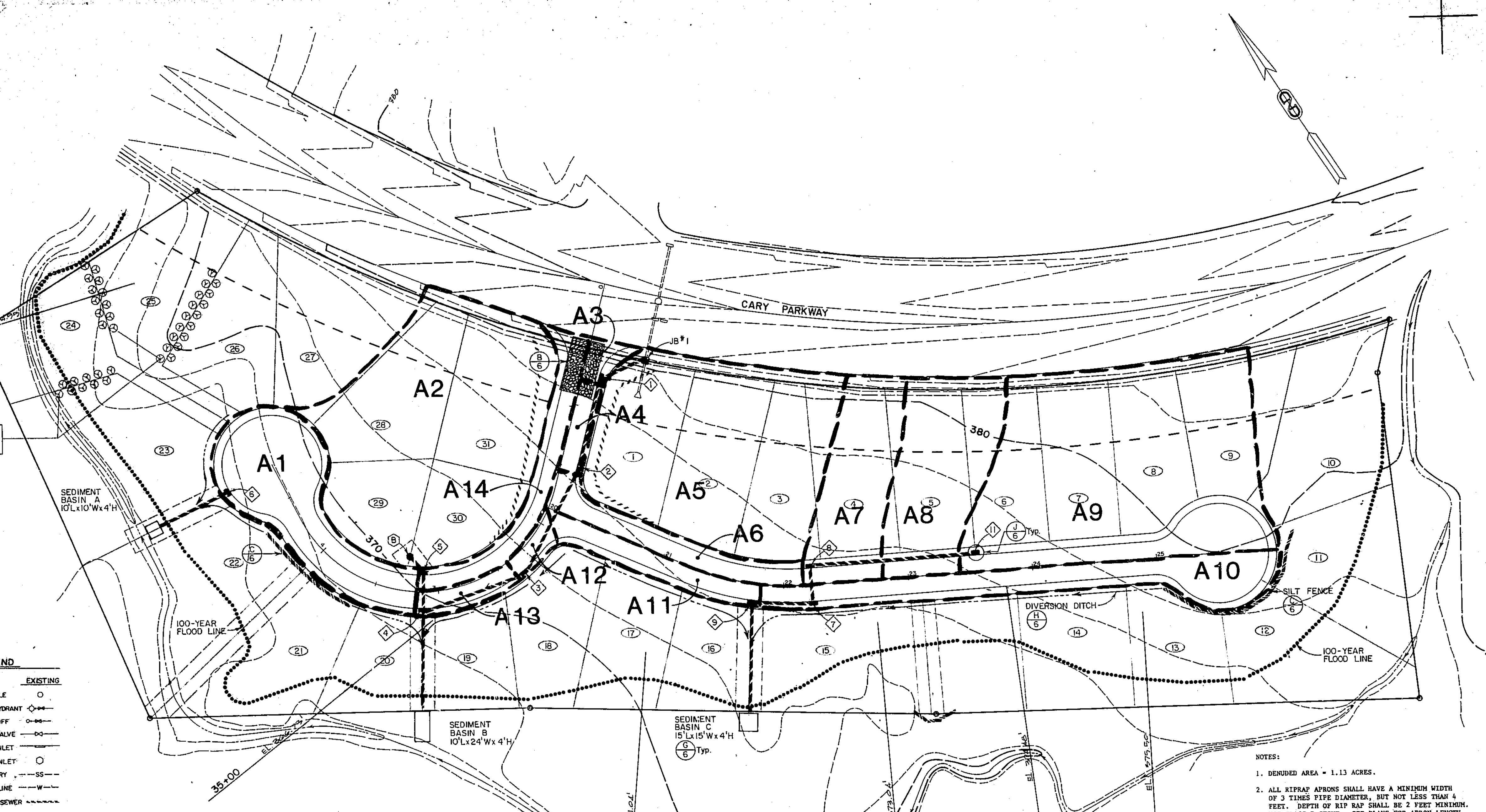
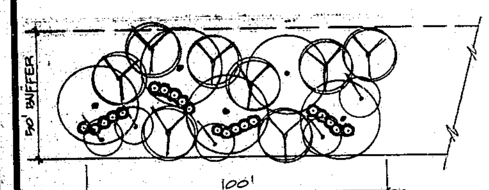


LEGEND

PROPOSED		EXISTING
● MH	MANHOLE	○
FH	FIRE HYDRANT	
	BLOW OFF	
	GATE VALVE	
	CURB INLET	
●	YARD INLET	○
—SS—	SANITARY SEWER	---SS---
—WL—	WATERLINE	---W---
	STORM SEWER	



NOTES:
1. ALL 50' DISTURBED BUFFERS SHALL HAVE REVEGETATION MIX OF:
   5 SHADE TREES (MAPLES/OAKS)
   5 UNDERSTORY TREES (REDBUDS/DOGWOODS)
   8 EVERGREEN TREES (PINES)
   20 EVERGREEN SHRUBS (JUNIPER/WAX MYRTLE)
2. BUFFER SHALL HAVE MINIMUM NUMBER OF PLANTS. INCLUDE EXISTING VEGETATION IN THE MIX OF PLANTS PER 100'.
3. ONLY THE BUFFER AREA DISTURBED DURING CONSTRUCTION SHALL BE REVEGETATED ACCORDING TO THIS SCHEME.

A/2 REVEGETATION SCHEME

DRAINAGE AREA PARAMETERS
(I10=7.5, I2=5.52)

MARK	AREA	C	Q10	Q2
A1	.28 ac	.90	1.89 cfs	1.39 cfs
A2	.73 ac	.35	1.92 cfs	1.41 cfs
A3	.03 ac	.90	0.20 cfs	0.15 cfs
A4	.05 ac	.90	0.34 cfs	0.25 cfs
A5	.66 ac	.50	2.48 cfs	1.82 cfs
A6	.10 ac	.90	0.68 cfs	0.50 cfs
A7	.25 ac	.50	0.94 cfs	0.69 cfs
A8	.33 ac	.50	1.24 cfs	0.91 cfs
A9	.83 ac	.50	3.11 cfs	2.29 cfs
A10	.22 ac	.90	1.49 cfs	1.09 cfs
A11	.09 ac	.90	0.61 cfs	0.48 cfs
A12	.03 ac	.90	0.20 cfs	0.15 cfs
A13	.03 ac	.90	0.20 cfs	0.15 cfs
A14	.15 ac	.90	1.01 cfs	0.75 cfs

NOTES:

1. DENUDED AREA = 1.13 ACRES.
2. ALL RIPRAP APRONS SHALL HAVE A MINIMUM WIDTH OF 3 TIMES PIPE DIAMETER, BUT NOT LESS THAN 4 FEET. DEPTH OF RIP RAP SHALL BE 2 FEET MINIMUM. USE CLASS B STONE. SEE PLANS FOR APRON LENGTH.
3. INSTALL TEMPORARY DIVERSION DITCHES AS NEEDED TO DIRECT SEDIMENT FLOW TO THE BASINS. THE ENGINEER SHALL APPROVE ALL DITCH LOCATIONS BEFORE INSTALLATION.
4. DO NOT USE THIS SHEET FOR CONSTRUCTION OF ROADWAYS OR UTILITY SERVICES. SEE PLAN & PROFILE DRAWINGS.
5. SEE SHEET 6 FOR ADDITIONAL EROSION CONTROL DETAILS.
6. FLOW QUANTITIES ARE BASED ON THE 10-YEAR EVENT.
7. IMPERVIOUS SURFACES = 0.68 acres.
8. LIMITS OF DISTURBED AREA IS WITHIN R/W EXCEPT WHERE DELINEATED THUS ////// PLUS AREA IN EASEMENTS.

APR 18 1989

40 0 20 40 80 120

FOR EROSION CONTROL ONLY!!

REVIEW PRINTS
DO NOT USE FOR CONSTRUCTION

NORTH CAROLINA PROFESSIONAL SEAL 8288 ENGINEER DWIGHT F. STEPHENSON 3/7/89

NORTH CAROLINA PROFESSIONAL SEAL 7952 ENGINEER JOHN DAVID POETZSCH 3-3-89

DES JDF CKD mgd GNP APP

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TRACT M-6
PARKWAY P.U.D., CARY, N.C.
RICHLAND PROPERTIES

EROSION CONTROL PLAN

Scale 1" = 40'
Sheet 2 of
Date FEB. 1989
File Number 86016-M6