

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NAME

**FLEX-2  
OFFICE/RETAIL**

WALNUT ST.  
CARY, NC

OWNER  
**BUCKLEY SHULER  
PROPERTIES, INC.**

4244 INTERNATIONAL PARKWAY  
SUITE 134  
ATLANTA, GA 30354  
PHONE: (404)361-8000  
FAX: (404)361-4831

PROJECT INFORMATION

PROJECT MANAGER	RJB
DRAWN BY	KRM
APPROVED BY	RJB
FILE NAME	FLEX2-8.18.dwg
PROJECT NUMBER	98208
PLOT DATE	8-18-99

SHEET NAME

**GRADING &  
EROSION  
CONTROL PLAN**

DRAWING SCALE

HORIZONTAL = 1"=30'

DATE

8-18-99

SHEET NUMBER

G1  
OF 6

- CONSTRUCTION SEQUENCE**
- OBTAIN ENVIRONMENTAL PERMIT FROM THE TOWN OF CARY. A PRE-CONSTRUCTION CONFERENCE WILL LIKELY BE REQUIRED.
  - INSTALL TEMPORARY DIVERSIONS, TREE FENCE, SILT FENCE AND BASINS AS SHOWN ON THE APPROVED PLAN. CLEAR AND GRUB ONLY AS NECESSARY TO INSTALL THESE DEVICES.
  - OBTAIN CERTIFICATE OF COMPLIANCE THROUGH ON-SITE INSPECTION BY THE TOWN OF CARY.
  - PROCEED WITH GRADING. MAINTAIN EROSION CONTROL DEVICES AND CLEAN BASINS WHEN HALF-FULL.
  - MAINTAIN EROSION CONTROL MEASURES UNTIL THE SITE IS STABILIZED
  - REQUEST FINAL APPROVAL BY THE TOWN OF CARY
  - IF APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCING AND SEDIMENT BASINS. STABILIZE THESE AREAS.

**EROSION CONTROL LEGEND**

SILT FENCE	— X — X — X —
TEMPORARY DIVERSION DITCH	— TD — TD — TD —
TREE PROTECTION FENCE	— TF — TF — TF —

**INLET PROTECTION**

TEMPORARY SEDIMENT TRAP	
CONSTRUCTION ENTRANCE	

THE STREETS IN FRONT OF THE CENTRUM WILL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.

NO CHANGES TO ANY ASPECT OF THIS SITE PLAN, INCLUDING BUT NOT LIMITED TO, LANDSCAPING, GRADING, BUILDING ELEVATIONS (ESPECIALLY COLORS), LIGHTING, OR UTILITIES WILL BE MADE WITHOUT THE APPROVAL OF THE DEVELOPMENT REVIEW GROUP OF THE DEPARTMENT OF DEVELOPMENT SERVICES.

NOTE: ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT TOWN OF CARY STANDARD SPECIFICATIONS AND DETAILS.

TOTAL SITE ACREAGE: 79,835 SF  
 49,989 SF IMPERVIOUS  
 62.5% IMPERVIOUS AREA  
 DENUDE AREA: 79,835 SF  
 NO WETLANDS EXIST ON SITE

STREETS IN FRONT OF PROJECT WILL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.

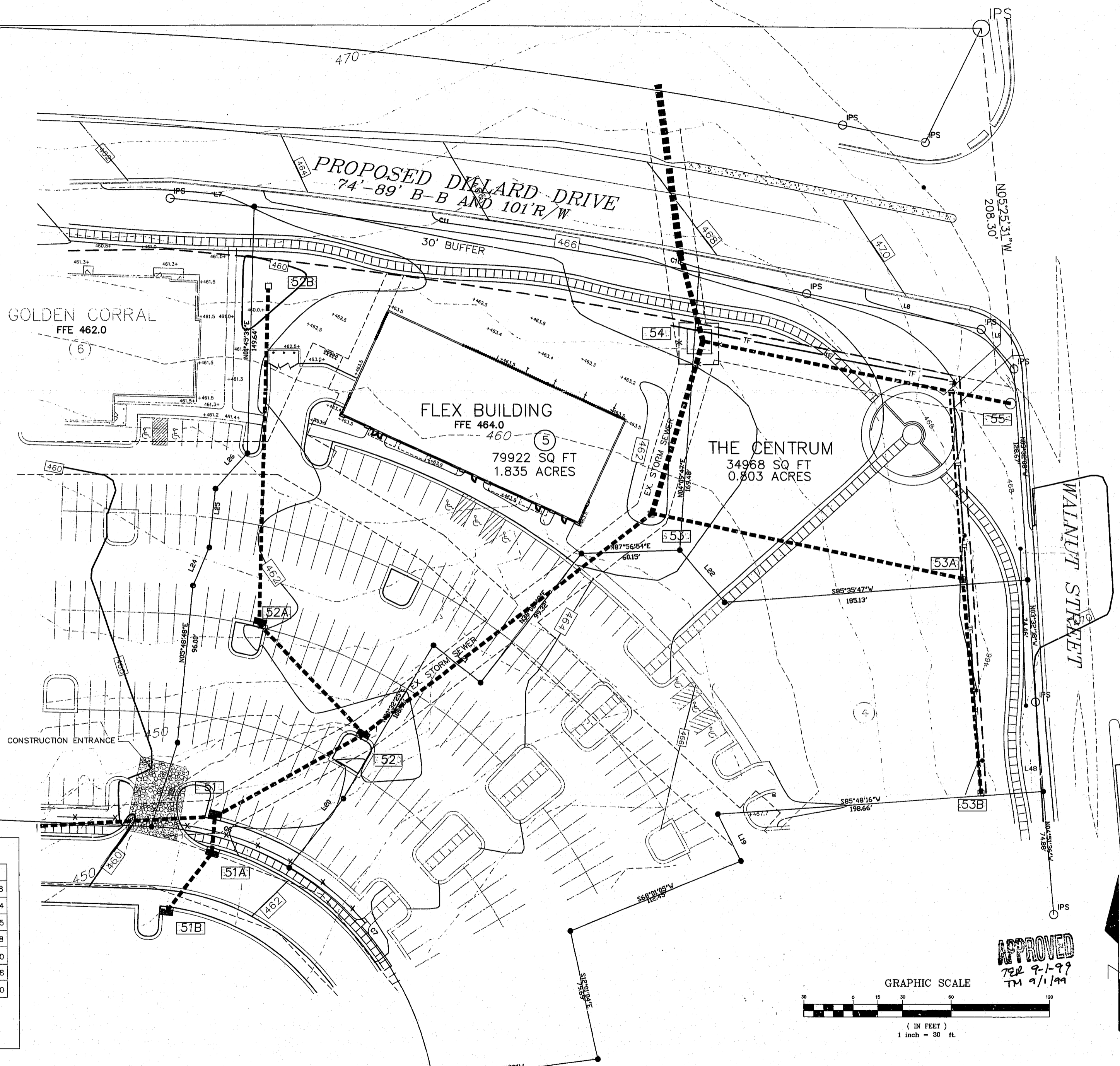
SWIFT CREEK WATERSHED  
 WATER QUALITY REQUIREMENTS MET BY WET DETENTION BASIN FOR ENTIRE SITE AS SHOWN IN CENTRUM AT CROSSROADS SUBMITTAL  
 CARY PROJECT NUMBER 99SP-041

UTILITY EQUIPMENT AND FACILITIES ASSOCIATED WITH ON SITE ELECTRIC, CABLE, TELEPHONE, GAS OR OTHER SIMILAR UTILITY SHALL BE SCREENED, TO THE EXTENT POSSIBLE, WITH EVERGREEN PLANTINGS. PLANTINGS SHALL ALLOW FOR A MINIMUM OF A 5 FOOT CLEARANCE AROUND THE STRUCTURE TO ALLOW FOR ACCESS. ADDITIONALLY, ANY SIDE OF THE STRUCTURE HAVING A DOOR OR A LOCK, SHALL HAVE A 10 FOOT CLEARANCE. THE AMOUNT OF CLEARANCE SHALL ACCOUNT FOR THE SIZE OF THE PLANTS AT MATURITY.

**STORM DRAINAGE CHART**

BASIN TO	BASIN FROM	RATIONAL C	INTENSITY (IN/HR)	AREA (AC)	Q 10 (CFS)	LENGTH (FT)	DIAMETER (INCHES)	SLOPE (%)	INVERT FROM	INVERT TO	RIM ELEV.
51*	52*	0.90	7.2	1.00	6.48	122	42	1.80%	453.4	455.3	461.8
52*	52A	0.90	7.2	0.50	3.24	93	15	0.50%	455.6	456.1	462.4
52A	52B	0.90	7.2	0.65	4.21	203	15	0.60%	456.2	457.5	459.5
52*	53*	0.90	7.2	1.10	7.10	221	42	1.00%	455.5	457.7	461.8
53*	53A	0.90	7.2	0.24	1.56	193	15	1.00%	458.1	460.0	466.0
53A	53B	0.90	7.2	0.28	1.81	131	15	0.60%	460.2	461.0	465.8
53*	54*	0.90	7.2	13.76	89.2	110	42	1.00%	457.9	459.0	468.0

\* DENOTES STORM DRAINAGE FROM OVERALL CENTRUM  
 NOTE: ALL PIPE IS REINFORCED CONCRETE, ASTM C-76, TYPE 3  
 RIM ELEVATION IS TOP OF CURB



**APPROVED**  
 TEL 9-1-99  
 TM 2/1/99

GRAPHIC SCALE  
 ( IN FEET )  
 1 inch = 30 ft.