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

TOTAL SITE ACREAGE: 79,835 SF

49,969 SF IMPERVIOUS

62.5% IMPERVIOUS AREA

DENUDED AREA: 79,835 SF

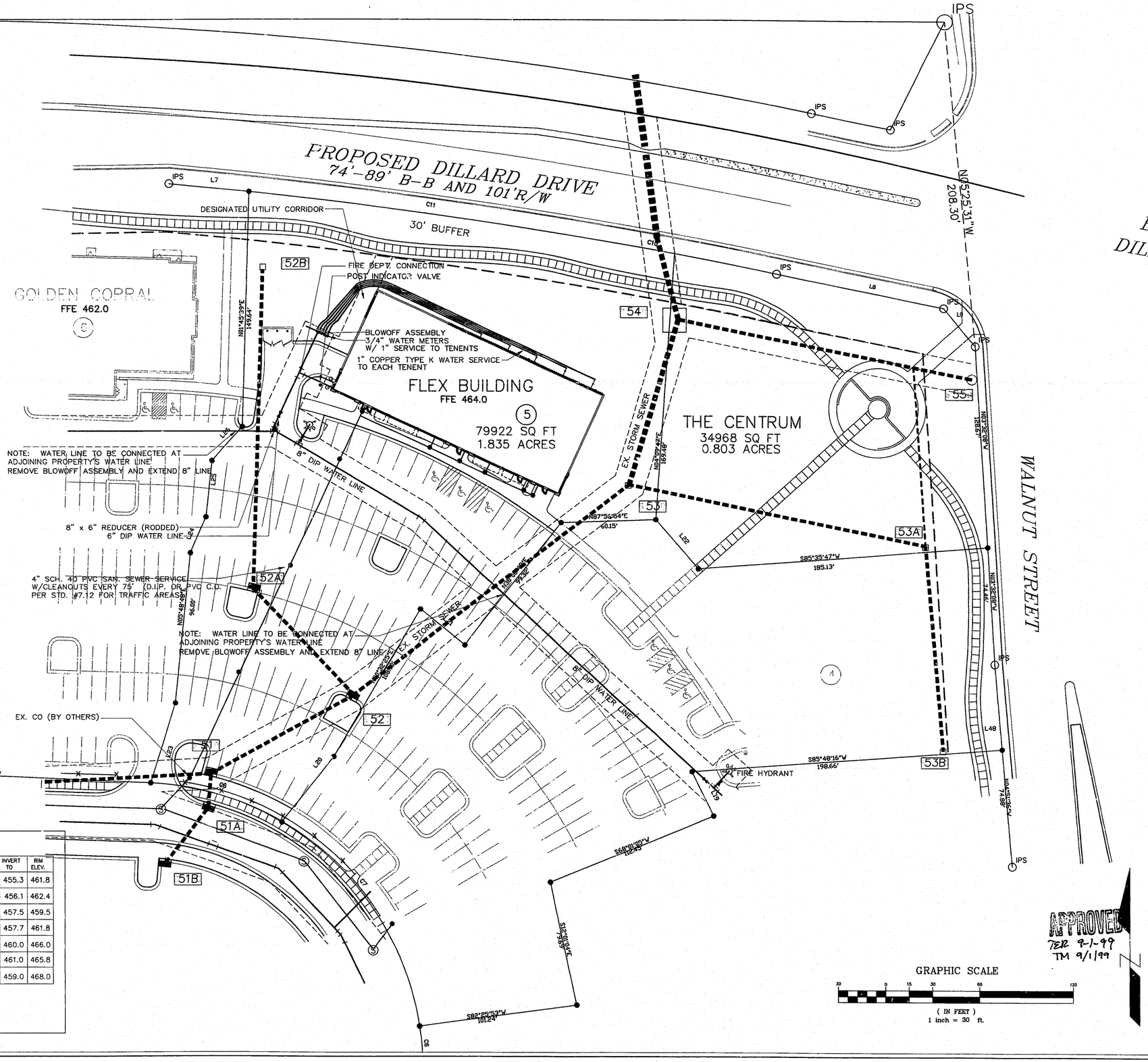
NO WETLANDS EXIST ON SITE

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
TER 9-1-99
TM 9/1/99

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

THE ROSE GROUP
ENGINEERS
PLANNERS
SURVEYORS
621-101 Hutton St.
Raleigh, NC 27606
(919) 829-0555
(919) 829-9335
email: rosegrp.com

NORTH CAROLINA PROFESSIONAL SEAL 11889 ENGINEER RUSSELL BRIGGS

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)361-6000
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

UTILITY PLAN

DRAWING SCALE

HORIZONTAL = 1"=30'

DATE

8-18-99

SHEET NUMBER

U1

OF 6