

McADAMS

The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT

EYC COMPANIES/Front Street Design
AND CONSULTING
36 CENTER DRIVE
FOLLY BEACH, SOUTH CAROLINA, 29439
PHONE: 843. 588. 5021 x404

CRABTREE NORTH APARTMENTS
ADMINISTRATIVE SITE REVIEW
RALEIGH, NORTH CAROLINA, 27716



REVISIONS

NO.	DATE	REVISION DESCRIPTION
1	11.19.19	REVISED PER CITY OF RALEIGH COMMENTS

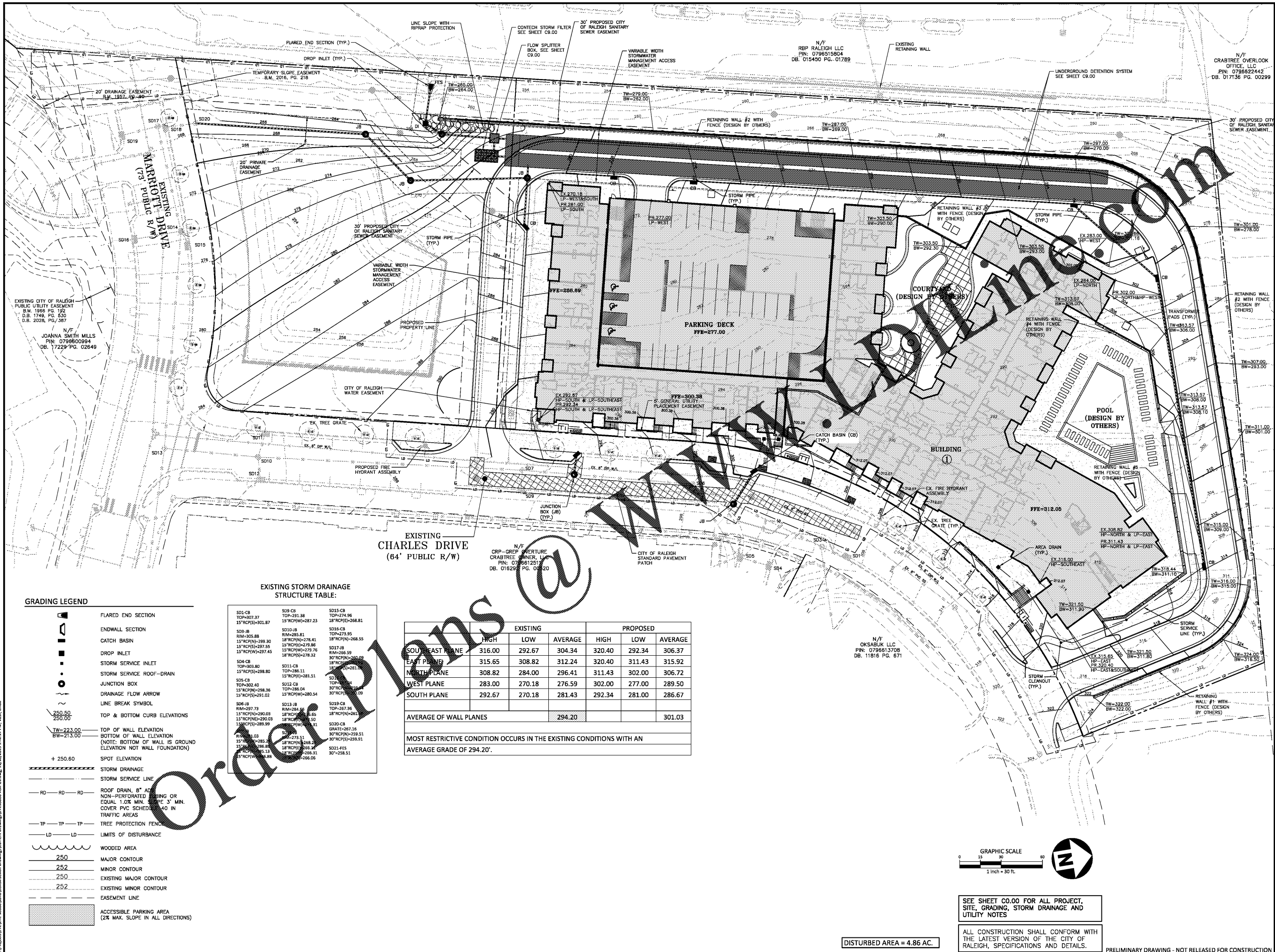
PLAN INFORMATION

PROJECT NO. EYC-18000
 FILENAME EYC18000-G1
 CHECKED BY LIV
 DRAWN BY CJJ
 SCALE 1"=30'
 DATE 07.08.2019

SHEET

GRADING AND STORM DRAINAGE PLAN

C3.00



EXISTING STORM DRAINAGE STRUCTURE TABLE:

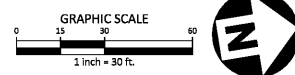
STRUCTURE	TOP ELEVATION	INVERT ELEVATION	DIAMETER
SD1-CB	307.37	291.87	15" RCP
SD2-CB	305.88	289.30	15" RCP
SD3-CB	303.80	288.80	15" RCP
SD4-CB	303.40	288.36	15" RCP
SD5-CB	297.73	290.03	15" RCP
SD6-CB	297.33	289.59	15" RCP
SD7-CB	291.38	287.23	15" RCP
SD8-CB	285.81	278.41	18" RCP
SD9-CB	285.81	278.41	18" RCP
SD10-CB	285.81	278.41	18" RCP
SD11-CB	286.11	281.51	15" RCP
SD12-CB	286.04	280.54	15" RCP
SD13-CB	286.55	281.65	18" RCP
SD14-CB	286.31	281.31	18" RCP
SD15-CB	274.94	274.94	18" RCP
SD16-CB	273.95	273.95	18" RCP
SD17-CB	268.55	268.55	18" RCP
SD18-CB	266.59	266.59	30" RCP
SD19-CB	266.09	266.09	30" RCP
SD20-CB	262.16	262.16	30" RCP
SD21-CB	259.51	259.51	30" RCP
SD22-CB	258.51	258.51	30" RCP

	EXISTING			PROPOSED		
	HIGH	LOW	AVERAGE	HIGH	LOW	AVERAGE
SOUTH EAST PLANE	316.00	292.67	304.34	320.40	292.34	306.37
EAST PLANE	315.65	308.82	312.24	320.40	311.43	315.92
NORTH PLANE	308.82	284.00	296.41	311.43	302.00	306.72
WEST PLANE	283.00	270.18	276.59	302.00	277.00	289.50
SOUTH PLANE	292.67	270.18	281.43	292.34	281.00	286.67
AVERAGE OF WALL PLANES			294.20			301.03

MOST RESTRICTIVE CONDITION OCCURS IN THE EXISTING CONDITIONS WITH AN AVERAGE GRADE OF 294.20'

GRADING LEGEND

- FLARED END SECTION
- ENDWALL SECTION
- CATCH BASIN
- DROP INLET
- STORM SERVICE INLET
- STORM SERVICE ROOF-DRAIN
- JUNCTION BOX
- DRAINAGE FLOW ARROW
- LINE BREAK SYMBOL
- TOP & BOTTOM CURB ELEVATIONS
- TOP OF WALL ELEVATION
- BOTTOM OF WALL ELEVATION
- SPOT ELEVATION
- STORM DRAINAGE
- STORM SERVICE LINE
- ROOF DRAIN, 8" AD
- NON-PERFORATED
- COVER PVC SCHEDULE 40 IN
- TRAFFIC AREAS
- TREE PROTECTION FENCE
- LIMITS OF DISTURBANCE
- WOODED AREA
- MAJOR CONTOUR
- MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EASEMENT LINE
- ACCESSIBLE PARKING AREA



SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

ALL CONSTRUCTION SHALL CONFORM WITH THE LATEST VERSION OF THE CITY OF RALEIGH, SPECIFICATIONS AND DETAILS.

DISTURBED AREA = 4.86 AC.

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

X:\Project\18000\18000-G1\Construction Drawings\Current Drawings\18000-G1.dwg, 11/26/2019 1:42:13 PM, Vasil, Linda