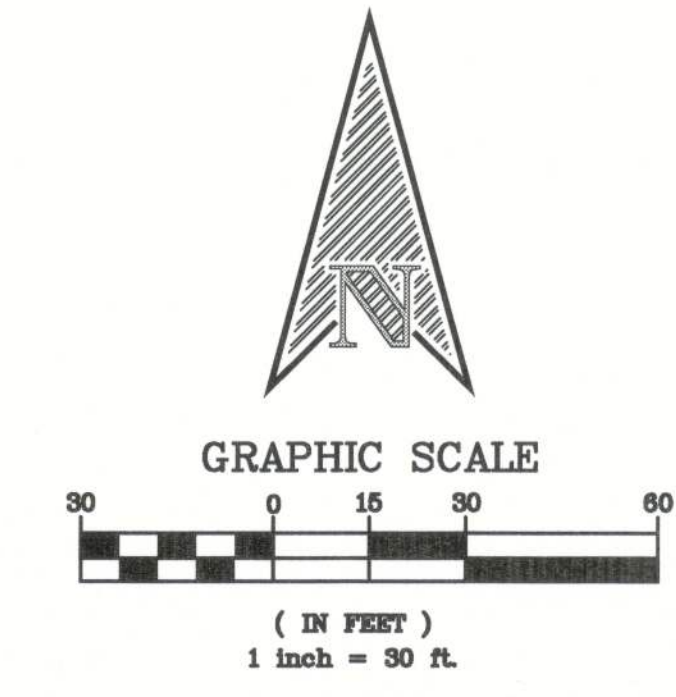


① DRIVEWAY PROFILE  
N.T.S.

### LEGEND

- = EXISTING DRAINAGE PATTERNS (TO REMAIN)
- = PROPOSED GRADING PATTERNS (WITHIN PARKING LOT & GREEN AREAS)



### DRAINAGE DATA

- 1 TYPE "I" INLET  
TOP = 67.00  
INV = 64.0 (2/CS) (TYP.)
- 2 100 LF 15" RCP @ 0.50% (6/CS) (TYP.)
- 3 TYPE "I" INLET  
TOP = 66.75  
INV = 63.50
- 4 92 LF 18" RCP PIPE @ 0.33%
- 5 TYPE "I" INLET  
TOP = 66.75  
INV = 63.20
- 6 77 LF 18" HDPE PIPE @ 0.25%
- 7 M.E.S. (INSTALL ENERGY DISSIPATOR BLOCKS) WITH 6" SUMP  
INV = 63.0 (8/CS)
- 8 HANDICAP ZONE - MAX. 2.0% SLOPE IN ANY DIRECTION.
- 9 HANDICAP ACCESSIBLE ROUTE - SLOPE SHALL NOT EXCEED 2% ACROSS AND 5% LONGITUDINAL
- 10 M.E.S. PER FDOT INDEX 273, SHEET 4 OF 7  
INV = 64.5 (10/CS)
- 11 137 LF 19"X30" RCP PIPE @ 0.36 % PER FDOT INDEX 273, SHEET 4 OF 7  
INV = 64.0 (10/CS)
- 12 M.E.S. PER FDOT INDEX 273, SHEET 4 OF 7  
INV = 64.0 (10/CS)

**NOTES:**

CONTRACTOR SHALL FIELD VERIFY LOCATION, INVERT ELEVATION, MATERIALS AND PIPE SIZE BEFORE CONSTRUCTION BEGINS.

PROPOSED SIDEWALKS SHALL NOT EXCEED 2% ACROSS AND 5% LONGITUDINAL.

ALL PROPOSED GRADES AND CONTOURS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

CONTRACTOR SHALL OBTAIN A COPY OF THE SITE GEOTECHNICAL REPORT AND ADHERE TO ALL REQUIREMENTS CONTAINED THEREIN.

CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL REPORT AND INCLUDE ALL NECESSARY SOIL WORK IN THE PROJECT BID.

CONTRACTOR TO VERIFY SLOPES ON ALL SIDEWALKS, HANDICAP ZONES, RAMPS AND DRIVEWAY CONNECTIONS FOR COMPLIANCE WITH ADA REQUIREMENTS AND/OR OPERATIONAL FUNCTIONABILITY PRIOR TO POURING FINAL CONCRETE OR ASPHALT.

CONTRACTOR SHALL CONTACT ENGINEER OF RECORD AT LEAST 24 HOURS PRIOR TO POURING CONCRETE OR PLACING ASPHALT ON ALL DRIVEWAY/CURB CUT CONNECTIONS FOR ENGINEERING INSPECTIONS.

Stephens Barrios  
Retail Exchange Development Civil Engineering

By: \_\_\_\_\_

Revision/Issue: \_\_\_\_\_

Date: \_\_\_\_\_

No: \_\_\_\_\_

**SEAL**

JOAQUIN A. MOJICA, PE  
PE No. 60488

**BARRIOS ENGINEERING, LLC.**  
CA #69108  
823 IRMA AVE.  
ORLANDO, FL 32803  
407-266-5610

**PARKLAND ENGINEERING GROUP**

7270-7350 S.W. U.S. HWY. 27  
FT. WHITE, FLORIDA

**GRADING AND DRAINAGE PLAN**

|           |        |      |
|-----------|--------|------|
| Date      | Sheet  | C3.0 |
| 11/18/11  |        |      |
| Project # | 11-014 |      |