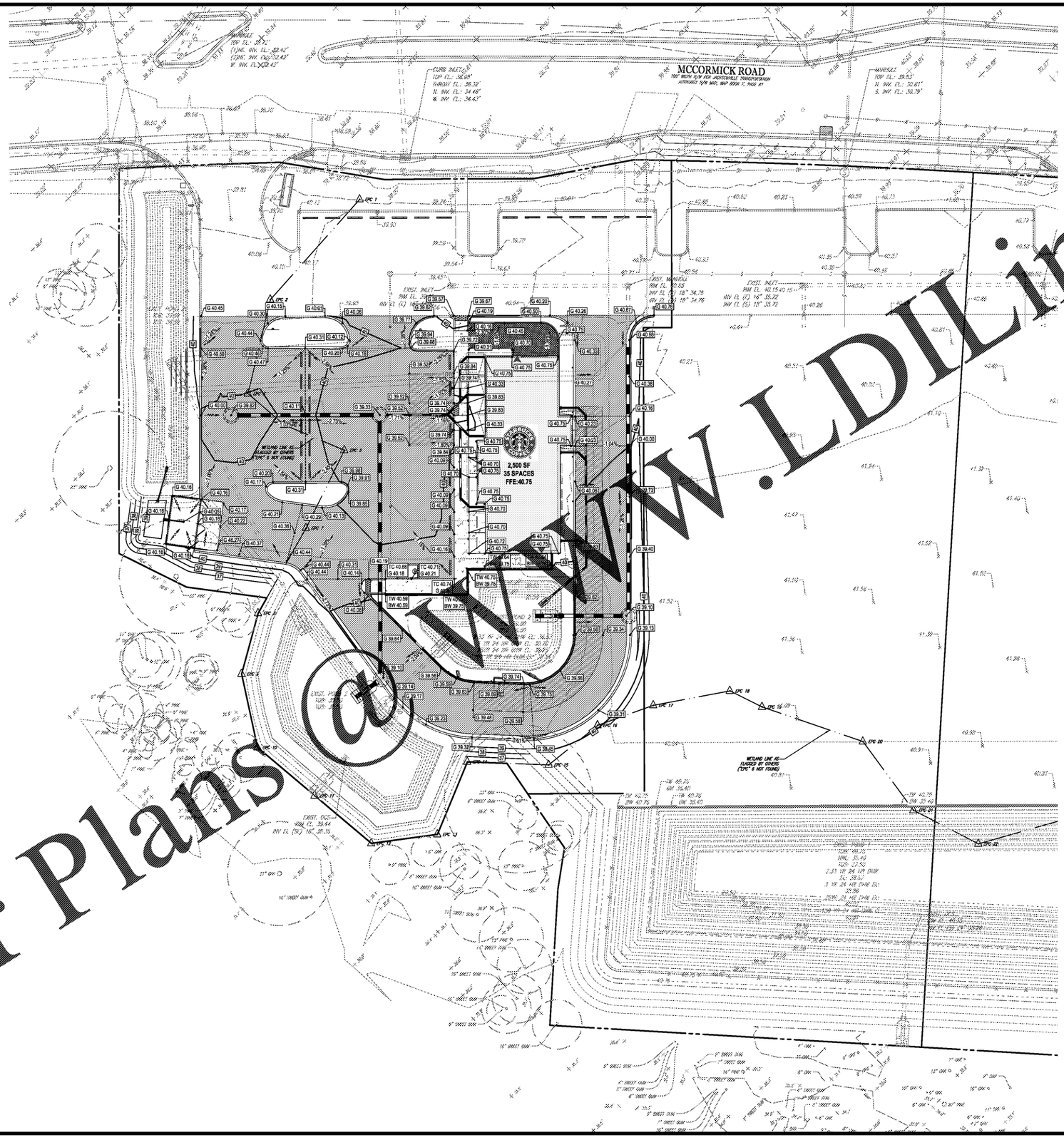
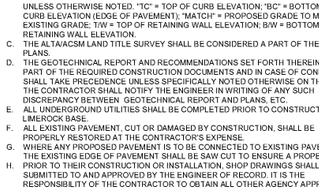
GENERAL NOTES:

1. CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CASTING STRUCTURES.
3. COORDINATE ALL UTILITY LEADS AND BUILDING CONNECTIONS WITH THE ARCHITECTURAL PLANS.
4. STANDARD INDEXES REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS".
5. ALL DISTURBED AREAS WITHIN RIGHT-OF-WAY WILL NEED TO BE SODDED.

PAVING AND GRADING NOTES:

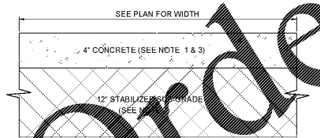
1. GENERAL:
   - A. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE SURVEYOR'S BENCHMARKS AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUNDBREAK.
   - B. ALL GRADES SHOWN REFERENCE PROPOSED ELEVATIONS AT EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. "TC" = TOP OF CURB ELEVATION; "BC" = BOTTOM OF CURB ELEVATION (EDGE OF PAVEMENT); "MATCH" = PROPOSED GRADE TO MATCH EXISTING GRADE; T/W = TOP OF RETAINING WALL ELEVATION; B/W = BOTTOM OF RETAINING WALL ELEVATION.
   - C. THE ALTA/ACSM LAND TITLE SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.
   - D. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN GEOTECHNICAL REPORT AND PLANS, ETC.
   - E. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.
   - F. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION, SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.
   - G. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT TO ENSURE A PROPER JOINT.
   - H. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED.
2. MATERIALS:
   - A. BASE COURSE SHALL BE ASPHALTIC BASE COURSE TYPE B-12.5 PER F.D.O.T. SPECIFICATIONS. OR EQUALIVENT LIMEROCK THICKNESS W/ MIN. LBR-100. (MAX. 6" LIFTS)
   - B. ASPHALT SURFACES SHALL BE STRUCTURAL COURSE 1.5" TYPE SP TRAFFIC C, AND FRICTIONAL COURSE FC-9.5 +1".
   - C. REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI AND SHALL BE REINFORCED WITH A 6" x 6" NO. 6 GAUGE WIRE MESH.
3. INSTALLATION:
   - A. SUBGRADE FOR ROADWAY SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-180), TO A MIN. 12" AND SHALL HAVE A MINIMUM LBR 40.
   - B. BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM THICKNESS OF 6" PLACED IN ONE LIFT. BASE COURSE MATERIAL SHALL HAVE A MINIMUM MARSHALL STABILITY OF 1000, UNLESS OTHERWISE INDICATED (OR LBR-100).
   - C. BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
   - D. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR STRUCTURAL COURSE TYPE SP AND FRICTIONAL COURSE FC-9.5.
4. TESTING
   - A. THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLATE. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.
   - B. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE ENGINEER.
   - C. ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE CONTRACTOR.
   - D. DENSITY TESTS ON THE STABILIZED SUBGRADE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD AND GEOTECHNICAL ENGINEER, AND APPROVED BEFORE ANY BASE IS CONSTRUCTED.
   - E. DENSITY TESTS AND "AS-BUILTS" ON THE FINISHED BASE SHALL BE SUPPLIED TO THE GEOTECHNICAL ENGINEER, AND APPROVED BEFORE ANY ASPHALT PAVEMENT IS CONSTRUCTED.





ASPHALT PAVEMENT DETAIL
NOT TO SCALE

*NOTE: THIS PAVEMENT SPECIFICATION IS BASED UPON THE GEOTECHNICAL REPORT PREPARED BY NATIVE GEOSCIENCE, INC. DATED MAY 26, 2016



NOTES:
1. SIDEWALK SHALL BE 4"
2. SUBGRADE BELOW SIDEWALK SHALL BE COMPACTED TO 98% OF MAX. DENSITY PER A.A.S.H.T.O. T-180.
3. CONCRETE STRENGTH SHALL BE MIN. 3000 PSI @ 28 DAYS.
4. SIDEWALK REMOVAL AND REPLACEMENTS TO CONSIST OF FULL FLAGS.
5. PROVIDE EXPANSION JOINT (TYPE 'A') AT CONNECTIONS BETWEEN NEW AND EXISTING CONCRETE SIDEWALK.
6. PROVIDE FIBEROUS JOINTS 20' O.C.

CONCRETE SIDEWALK DETAIL
NOT TO SCALE

LEGEND

TYPE OF NOTE TEXT	NOTE
PROPOSITION LINE / R/W LINE	
ADJOUBORING PROPERTY LINE / INTERIOR PARCEL LINE	
PROP. BUILDING OUTLINE	
PROP. BUILDING COVERAGE	
PROP. BUILDING ENTRANCES	
EXIST. STORM PIPE	
EXIST. STORM STRUCTURE	
EXIST. SPOT ELEVATION	
PROP. 4" CONC. PAVING	
PROP. ASPHALT PAVING	
PROP. 6" BLACK CONC. PAVING	
PROP. DRAINAGE FLOW ARROW	
PROP. SPOT ELEVATION	19.94
PROP. RIDGE LINE	
PROP. DRAINAGE STRUCTURE	
PROP. CONTOUR	19
EXIST. CONTOUR	19

DATUM NOTE:

BENCHMARKS:

CONTROL BENCHMARK:
ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL GEODETIC SURVEY BENCHMARK PID "DL5763", A SURVEY DISK SET IN TOP OF A CONCRETE MONUMENT, LOCATED ABOUT 350.0' SOUTH OF THE CENTERLINE OF MCCORMICK ROAD, 37.3' EAST OF THE CENTERLINE OF THE NORTHBOUND LANES OF MONUMENT ROAD, AND 2.0' WEST OF A CONCRETE LIGHT POLE AND A CARSONITE WITNESS POST.

ELEVATION: 41.28' (NAVD 1988)

TBM #1:
STATION IS A BOX CUT LOCATED ON THE CONCRETE SIDEWALK ALONG THE SOUTH SIDE OF MCCORMICK ROAD, NEAR THE NORTHEAST CONCRETE ENTRYWAY OF THE PARKING LOT SHOWN HEREON.

ELEVATION: 39.85' (NAVD 1988)

TBM #2:
STATION IS A BOX CUT LOCATED ON TOP OF A CURB INLET ON THE WEST SIDE OF MONUMENT ROAD NEAR THE SOUTHEAST CONCRETE ENTRYWAY OF THE PARKING LOT SHOWN HEREON.

ELEVATION: 40.41' (NAVD 1988)

FEMA NOTE:

THE PROPERTY SHOWN HEREON APPEARS TO LIE IN FLOOD ZONE "X" ACCORDING TO THE FLOOD INSURANCE RATE MAP, COMMUNITY NUMBER 120077, PANEL NUMBER 0382, SUFFIX H, EFFECTIVE JUNE 3, 2013 FOR THE CITY OF JACKSONVILLE, FLORIDA. MAP NUMBER 12031C0382H.

NOTE:

ANY CONSTRUCTION IN CITY RIGHT OF WAY WILL REQUIRE A RIGHT OF WAY PERMIT.

Order Plans @ WWW.LDILine.com

BOHLER ENGINEERING
SITE CIVIL AND CONSTRUCTING ENGINEERING
LAND SURVEYING ◆ LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN ◆ PERMITTING SERVICES ◆ TRANSPORTATION SERVICES
◆ UPSTATE NEW YORK ◆ SOUTHERN NEW JERSEY ◆ MARYLAND ◆ MASSACHUSETTS ◆ NEW YORK, NY ◆ NORTHERN NEW JERSEY ◆ CHARLOTTE, NC ◆ RALEIGH, NC ◆ BOSTON, MA ◆ PITTSBURGH, PA ◆ LEHIGH VALLEY, PA ◆ PHILADELPHIA, PA ◆ WASHINGTON, DC ◆ SOUTH FLORIDA ◆ TAMPA, FL ◆ CENTRAL VIRGINIA ◆ RICHMOND, VA ◆ DALLAS, TX
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BOHLER ENGINEERING. ANY REPRODUCTION IN PART OR WHOLE, WITHOUT THE WRITTEN PERMISSION OF BOHLER ENGINEERING IS PROHIBITED. © 2017 BOHLER ENGINEERING

REVISIONS

REV	DATE	COMMENT	BY

KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's fast. It's free. It's the law.
www.callsunshine.com

PERMIT SET

PROJECT No.:	FL1170050
DRAWN BY:	JDP
CHECKED BY:	GRR
DATE:	11/29/2017
SCALE:	1" =20'
CAD I.D.:	GPD

PROJECT:

FOR
BW McCORMICK, LLC
LOCATION OF SITE
McCORMICK RD
JACKSONVILLE, FL
CITY OF JACKSONVILLE

BOHLER ENGINEERING
3820 NORTHDALE BLVD., SUITE 300B
TAMPA, FLORIDA 33624
Phone: (813) 812-4100
Fax: (813) 812-4101
FLORIDA BUSINESS CERT. OF AUTH. No. 30780
LANDSCAPE ARCHITECT BUSINESS LIC. No LC26000551

GREGORY ROBERT ROTH
LICENSE
No. 74566
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12/15/2017

SHEET TITLE:
PAVING & GRADING PLAN

SHEET NUMBER:
C-5