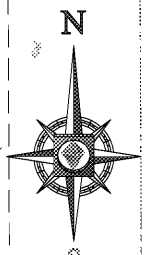


BEAUMONT ROAD  
S 00°26'46" E 627.17(D)  
S 00°06'54" E 627.17(D)  
N 89°35'05" E 30.00(F)



EX WALGREENS  
(71 SPACES REQUIRED / 71 SPACES PROVIDED)

$\Delta = 0^\circ 12' 30"$   
 $R = 34272.47$   
 $A = 124.60$   
 $CH = N 4^\circ 41' 48" W$

U.S. 41(S.R. 45)

**LEGEND:**

- EX PROPERTY BOUNDARY LINES
- EX ADJACENT BOUNDARY LINES
- PROP PROPERTY BOUNDARY LINES
- EX STORM SEWER
- EX SPOT GRADE
- PROP SPOT GRADE
- PROP ASPHALT PAVEMENT
- PROP DRAINAGE DRAINAGE
- PROP DRAINAGE PIPE W/ EXFILTRATION TRENCH
- PROP DRAINAGE STRUCTURES

**STORMWATER MANAGEMENT SUMMARY TABLE**

CONTROL ELEVATION:	7.78 NVD
MINIMUM REQUIRED FINISHED FLOOR:	11.00 NVD
PROPOSED FINISHED FLOOR:	13.00 NVD
FEMA FLOOD ELEVATION:	ZONE AE, 10' NVD
MINIMUM REQUIRED PARKING LOT ELEVATION:	8.0' NVD
PROPOSED PARKING LOT ELEVATION:	11.00 NVD
MINIMUM REQUIRED PERMETER SERV. ELEVATION:	8.67' NVD
RAINFALL DEPTH	
10 YEAR - 1 DAY:	7.2"
25 YEAR - 1 DAY:	11.7"
100 YEAR - 1 DAY:	15.7"
ALLOWABLE DISCHARGE RATE:	0.27 CFS
PEAK DISCHARGE RATE:	0.28 CFS

**LAND USE TABLE**

	PROPOSED AREA	REMAINING AREA
BUILDING AREA:	0.08 ACRES	0.48 ACRES
IMPERVIOUS SURFACES:	0.45 ACRES	0.54 ACRES
PERVIOUS AREA (EXCLUDING SWALES & WETLANDS):	0.220 ACRES	0.910 ACRES
OTHER PERVIOUS AREA (EXCLUDING SWALES):	0.610 ACRES	-
SWALES:	0.129 ACRES	-
TOTAL AREA:	1.540 ACRES	1.58 ACRES

**GENERAL NOTES:**

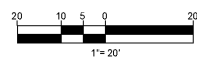
- ALL DISTURBED AREAS IN THE FDOT RIGHT OF WAY WILL BE SODDED.
- SPVMD CRITICAL DURATION 100-YEAR PEAK STAGE FOR PONDS IS 10.99'
- FDOT CRITICAL DURATION 100-YEAR PEAK STAGE FOR PONDS IS 10.99'
- NO DUMPSTER DRAINAGE CAN DISCHARGE INTO THE SANITARY LINE.

**PAVING AND GRADING NOTES:**

- A. GENERAL:**
- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE SURVEYOR'S BENCHMARKS AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUND BREAK.
  - 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; "TW" = TOP OF RETAINING WALL ELEVATION; "BW" = BOTTOM OF RETAINING WALL ELEVATION.
  - THE ALTA/ACSM LAND TITLE SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.
  - 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.
  - ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.
  - ALL EXISTING PAVEMENT CUT OR DAMAGED BY CONSTRUCTION, SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.
  - 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.
  - 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.
- B. MATERIALS:**
- REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 4,000 PSI AND SHALL BE REINFORCED WITH A 6" x 6" NO. 6 GAUGE WIRE MESH.
- C. INSTALLATION:**
- SUBGRADE FOR ROADWAY SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-99), TO A MIN. 12" AND SHALL HAVE A MINIMUM LBR 40.
  - 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).
  - BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-99.
  - INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR TYPE S-III ASPHALTIC CONCRETE OR THE LATEST REVISION.
- D. TESTING:**
- 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.
  - DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE ENGINEER.
  - ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE CONTRACTOR.
  - DENSITY TESTS ON THE STABILIZED SUBGRADE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD AND GEOTECHNICAL ENGINEER, AND APPROVED BEFORE ANY BASE IS CONSTRUCTED.
  - DENSITY TESTS AND "AS-BUILTS" ON THE FINISHED BASE SHALL BE SUPPLIED TO THE GEOTECHNICAL ENGINEER, AND APPROVED BEFORE ANY ASPHALT PAVEMENT IS CONSTRUCTED.

Order Plans @

B. F. MYERS, INC.  
28140 S. TAMM TRAIL  
BONITA SPRINGS, FL 34134  
(O.R. BOOK 3032, PAGE 1790)



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**REVISIONS**

REV	DATE	COMMENT	BY

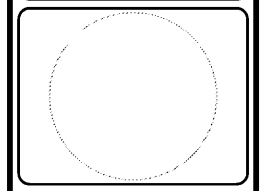
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PROJECT No.: FLB180133  
DRAWN BY: L.J.L.  
CHECKED BY: A.S.  
DATE: 01/27/2020  
SCALE: 1" = 20'  
CAD I.D.: G.P.D.

**ENGINEERING PLANS**  
FOR  
**ENCORE REAL ESTATE**  
LOCATION OF SITE  
28100 S TAMM TRAIL  
BONITA SPRINGS, FL 34134  
LEE COUNTY, FLORIDA

**BOHLER ENGINEERING**  
3820 NORTHDAY BLVD., SUITE 300B  
TAMPA, FLORIDA 33624  
Phone: (813) 812-4100  
Fax: (813) 812-4101  
FLORIDA BUSINESS CERT. OF AUTH. No. 30700  
LANDSCAPE ARCHITECT LICENSE NO. LC-00000001



SHEET TITLE:  
**PAVING, GRADING, & DRAINAGE PLAN**  
SHEET NUMBER:  
**C-401**