



**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 GROUNDWORK.
  - 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; "TW" = TOP OF RETAINING WALL ELEVATION; "BW" = BOTTOM OF RETAINING WALL ELEVATION.
  - C. THE ALTAIACS 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 ABC-3 PER F.D.O.T. SPECIFICATIONS, OR EQUIVALENT LIMEROCK THICKNESS MIN. LBR-100 (MAX. 6" LIFTS).
  - B. ASPHALT SURFACES SHALL BE TYPE S-II ASPHALTIC CONCRETE, UNLESS OTHERWISE SPECIFIED ON THE PLANS, AND SHALL BE A MINIMUM OF 1-1/2" THICK, AND CONSTRUCTED IN TWO 3/4" LIFTS, WITH TACKCOAT BETWEEN LIFTS.
  - 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-99) 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-99.
  - D. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR TYPE S-II ASPHALTIC CONCRETE OR THE LATEST REVISION.
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-BUILT" ON THE FINISHED BASE SHALL BE SUPPLIED TO THE GEOTECHNICAL ENGINEER, AND APPROVED BEFORE ANY ASPHALT PAVEMENT IS CONSTRUCTED.

**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 SOODED.

**FEMA MAP INFORMATION:**

THE PROPERTY SHOWN HEREON APPEARS TO LIE IN FLOOD ZONE "X" ACCORDING TO THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 1210100183F, EFFECTIVE SEPTEMBER 26, 2014, FOR PASCO COUNTY, FLORIDA.

**DATUM NOTE:**

CONTROL BENCHMARKS:  
 ELEVATIONS SHOWN HEREON ARE REFERRED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988), USING NATIONAL GEODETIC SURVEY BENCHMARK SYSTEM, FLANGE ENCASED RED, STAMPED "7655 2006", LOCATED IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF STATE ROAD 52 AND LITTLE ROAD, ELEVATION = 14.77.

TM #1:  
 IRON ROD SET IN PARKING STALL  
 ELEVATION = 19.84 (NAVD 1988)

TM #2:  
 IRON ROD CAPPED "TRAV PT" SET NEAR NORTHWEST CORNER OF PROPERTY  
 ELEVATION = 19.00 (NAVD 1988)

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 LICENSE NO. BC0000707-BUSINESS ENGINEER

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REV	DATE	COMMENT	BY
2	2017-07-11	PER COUNTY SWYING & FOOT COMMENTS	JDP
3	2017-10-13	PER COUNTY COMMENTS	JDP
4	2017-10-27	PER FOOT COMMENTS	JDP
5	2017-11-30	PER COUNTY UTILITY COMMENTS	JDP
6	2018-01-02	PER COUNTY & FOOT COMMENTS	JDP
7	2018-01-25	PER FOOT COMMENTS	JDP
8	2018-02-06	PER FOOT COMMENTS	JDP
9	2018-04-05	HYDRANT PER FIRE MARSHAL	JDP
10	2018-09-07	WAWA BID SET	JDP
11	2018-10-03	PER ROW COMMENTS	SKK

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**PERMIT SET**

PROJECT NO.: FLT160078  
 DRAWN BY: JDP  
 CHECKED BY: KSM  
 DATE: 11/03/2018  
 SCALE: 1" = 10'  
 CAD ID: GPD

**WAWA SR 52 & LITTLE RD**

FOR

**RMC PROPERTY GROUP**

LOCATION OF SITE:  
 9021 STATE ROAD 52  
 HUDSON, FLORIDA 34669  
 PASCO COUNTY

**BOHLER ENGINEERING**

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10/5/2018

SHEET TITLE:  
**WAWA ADA GRADING PLAN**

SHEET NUMBER:  
**C-6.4**

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