

GRADING LEGEND

	SPOT ELEVATIONS
	RIDGE LINE
	FLOW ARROW
	STORM GRATE INLET
	SANITARY MANHOLE
	PROP. 4" CONCRETE SIDEWALK
	PROP. 6" STANDARD DUTY CONCRETE
	PROP. 6" HEAVY DUTY CONCRETE
	PROP. ASPHALT
	BORING LOCATION
	PROP. 6" CONCRETE DRIVEWAY

GENERAL NOTES:

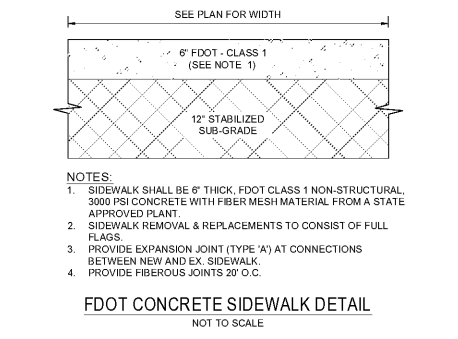
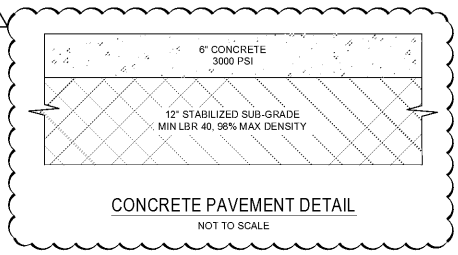
- CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CASTING STRUCTURES.
- COORDINATE ALL UTILITY LEADS AND BUILDING CONNECTIONS WITH THE ARCHITECTURAL PLANS.
- STANDARD INDEXES REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS".
- ALL DISTURBED AREAS WITHIN RIGHT-OF-WAY WILL NEED TO BE SODDED.
- ANY CONSTRUCTION IN THE CITY RIGHT OF WAY WILL REQUIRE A RIGHT OF WAY PERMIT. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING INSPECTIONS DAILY. DIRECTIONS ARE ON THE PERMIT OR AT 904-255-8368. CALL FROM 7:30AM TO 6:30AM WHEN WORKING WITHIN THE CITY ROW.

DATUM NOTE:

ELEVATIONS SHOWN HEREON ARE IN FEET AND ARE REFERENCES TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

FEMA MAP INFORMATION:

THE PROPERTY SHOWN HEREON APPEARS TO LIE IN FLOOD ZONE "X" ACCORDING TO THE FLOOD INSURANCE RATE MAP, COMMUNITY NUMBER 120077, PANEL NUMBER 0388, SUFFIX II, EFFECTIVE JUNE 3, 2013, FOR THE CITY OF JACKSONVILLE, FLORIDA.



- NOTES:**
- SIDEWALK SHALL BE 6" THICK, FOOT CLASS 1 NON-STRUCTURAL, 3000 PSI CONCRETE WITH FIBER MESH MATERIAL FROM A STATE APPROVED PLANT.
 - SIDEWALK REMOVAL & REPLACEMENTS TO CONSIST OF FULL FLAGS.
 - PROVIDE EXPANSION JOINT (TYPE 'A') AT CONNECTIONS BETWEEN NEW AND EX. SIDEWALK.
 - PROVIDE FIBEROUS JOINTS 20' O.C.

PAVING AND GRADING NOTES:

- 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. "TOP" = 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; "BY" = BOTTOM OF RETAINING WALL ELEVATION.
 - THE ALTAIACS 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 JOINT OF PAVEMENT SHALL BE REINFORCED TO EXTEND A MINIMUM OF 12" 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.
- MATERIALS:**
 - BASE COURSE SHALL BE ASPHALTIC BASE COURSE TYPE B-12.5 PER F.D.O.T. SPECIFICATIONS OR EQUIVALENT LIMEROCK THICKNESS W/ MIN. LBR-100. (MAX. 6" LIFTS)
 - ASPHALT SURFACES SHALL BE STRUCTURAL COURSE 1.5" TYPE SP TRAFFIC C, AND FRICTIONAL COURSE FC-9.5 "1".
 - REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 3000 PSI AND SHALL BE REINFORCED WITH A 6" X 6" NO. 6 GAUGE WIRE MESH.
- INSTALLATION:**
 - SUBGRADE FOR ROADWAY SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-190), 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).
- 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.

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REVISIONS

REV	DATE	COMMENT	BY
1	01/08/18	PER CITY & JEA COMMENTS	JRT
2	03/06/18	PER CITY & FDOT COMMENTS	JRT
3	04/16/18	PER FDOT COMMENTS	JRT
4	01/28/20	FORCE MAIN & IRRIGATION REVISION	ASZ
5	02/11/20	EOD COMMENTS	ASZ
6	09/25/20	PER WAWA	KM

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PERMIT SET

PROJECT NO.: FL170094
 DRAWN BY: JRT
 CHECKED BY: ASZ
 DATE: 9/28/20
 SCALE: AS NOTED
 CAD I.D.: GPD

Wawa FOR BRIGHTWORK REAL ESTATE

LOCATION OF SITE
 1004 EDGEWOOD AVE NORTH
 JACKSONVILLE, FL 32254
 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. 30789
 LANDSCAPE ARCHITECTURE LICENSE NO. CA0000001

PAVING & GRADING PLAN

SHEET NUMBER: **C-5**