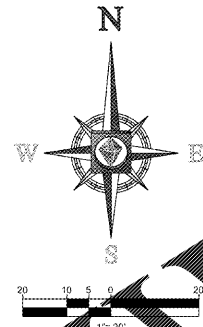


- NOTES:
- CONTRACTOR TO PROVIDE PILOT TO EOR.
 - CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES BOTH VERTICALLY AND HORIZONTALLY.



- LEGEND:
- EXIST. STORM SEWER
 - EXIST. SANITARY FORCE MAIN
 - EXIST. WATER MAIN
 - EXIST. OVERHEAD UTILITY LINE
 - EXIST. ELECTRIC POLE
 - EXIST. UNDERGROUND TELEPHONE LINE
 - EXIST. UNDERGROUND FIBER OPTIC LINE
 - PROP. WATER MAIN

WATER DISTRIBUTION NOTES:

- CONTRACTOR SHALL FOLLOW GUIDELINES AND PROCEDURES OUTLINED BY UTILITY PROVIDER AND HAVE UTILITY PROVIDER'S MANUAL ON-SITE AT ALL TIMES. THIS POLICY MANUAL SHALL BE CONSIDERED PART OF THE CONSTRUCTION DOCUMENTS AS IT PERTAINS TO APPROVED MATERIALS, INSTALLATION METHODS, INSPECTION NOTIFICATION AND AS-BUILT/PROJECT CLOSEOUT REQUIREMENTS.
- ALL HIGH DENSITY POLYETHYLENE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M-294 LATEST REVISIONS. ALL FITTINGS SHALL BE NON-PERFORATED.

NOTES:

- ANY DAMAGE TO EXISTING ST. LUCIE COUNTY AND FDOT - TRAFFIC SIGNALS AND BURIED FIBER OPTICS CAUSED BY THE PROJECT CONSTRUCTION ON THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT THE COST TO ST. LUCIE COUNTY OR FDOT.
- ST. LUCIE COUNTY AND FDOT RESERVE THE RIGHT TO DETERMINE IF DAMAGED FACILITIES WILL BE REPAIRED OR REPLACED.
- CONTRACTOR SHALL CONTACT FDOT DISTRICT IV TO OBTAIN PERMITS TO CONSTRUCT IF ANY SIGN IS BEING DONE WITHIN 10FT OF ANY SIGN EQUIPMENT.
- PAVEMENT PATCHINGS & CURBS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND HIGHWAY AND FDOT DESIGN STANDARDS.
- CONTRACTOR SHALL FOLLOW THE APPROVED PRODUCT LIST (FPUA DETARS) AND FORT PIERCE UTILITY AUTHORITY (FPUA) MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY INFORMATION AND CONTACT ENGINEER OF RECORD IF DIFFERENT FROM PERMITTED PLANS.
- DURING THE PROPOSED CONSTRUCTION CROSSING ANY EXISTING ST. LUCIE COUNTY/FDOT FORM DRAINAGE STRUCTURES ARE AFFECTED IN ANY WAY ST. LUCIE COUNTY/FDOT SHALL REQUIRE RESTORATION OF THE AFFECTED SYSTEM TO LIKE OR BETTER THAN LIKE CONDITION TO ST. LUCIE COUNTY/FDOT STANDARDS. ALL AFFECTED ROADWAYS ARE TO BE RESTORED FROM EOP TO EOP. LANE WIDTH MIN. AND 100' IN EITHER DIRECTION (THROUGHPILES) AND 20' MIN. RESTORATION (NON-THROUGHPILES).
- IF ANY ADDITIONAL LANES ARE AFFECTED FOR ANY REASON DURING CONSTRUCTION, ST. LUCIE COUNTY/FDOT WILL REQUIRE THE ADDITIONAL LANES BE RESTORED TO LIKE OR BETTER THAN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES.
- IF ST. LUCIE COUNTY/FDOT SIDEWALK / PATHWAY / CAS / AND OR ADA FACILITIES ARE AFFECTED, ST. LUCIE COUNTY/FDOT WILL REQUIRE RESTORATION OF A MINIMUM OF 10' AND TO BE LIKE OR BETTER THAN LIKE CONDITION PER ST. LUCIE COUNTY/FDOT STANDARDS.
- SIDEWALKS WILL BE RESTORED BY REPLACING TWO FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED AT A CONTROL JOINT AND THREE FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED BETWEEN CONTROL JOINTS. NO PARTIAL JOINTS ACCEPTED. (PER SITUATION)

RECORD DRAWING NOTES:

- RECORD DRAWINGS SHALL BE PREPARED IN THE STATE PLANE COORDINATE SYSTEM.
- ALL UTILITY FEATURES SHALL BE SHOWN IN THEIR AS-BUILT LOCATION.
- STATE PLANE COORDINATES SHALL BE DISPLAYED ON RECORD DRAWINGS FOR ALL FEATURES SPECIFIED IN PRCWD STANDARDS.

HYDRANT & HYDRANT SECURITY EQUIPMENT NOTES:

- FIRE HYDRANT SHALL BE EQUIPPED WITH A SET OF AFC "CAPTIVATED" SECURITY CAPS. THE CAPS SHALL BE CHAINED TO THE HYDRANT BODY AND INSTALLED PRIOR TO ISSUANCE OF "CONSTRUCTION WATER RELEASE" CERTIFICATION. A SCHEDULED INSPECTION BY THE FPUA IS REQUIRED TO VERIFY THE INSTALLATION AND OPERATION OF THE CAPS.
- PLEASE NOTE THAT THE SECURITY CAPS CAN ONLY BE REMOVED USING SPECIAL WRENCHES. THE CONTRACTOR SHALL CONTACT THE INSPECTOR FOR ASSISTANCE IF ACCESS TO THE HYDRANT IS REQUIRED FOR FLUSHING OR TESTING PURPOSES.

GENERAL WATER NOTES:

- ALL DUCTILE IRON PIPE AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE.
- ALL WATER MAINS SHALL BE MARKED WITH ONE CONTINUOUS STRIP OF 6" WIDE MAGNETIC BLUE CODED TAPE IMPRINTED WITH TWO (2) 1/2" HIGH LETTERING READING "CAUTION - POTABLE WATER LINE BURIED BELOW" AND LOCATED APPROXIMATELY TWELVE (12) INCHES ABOVE THE CROWN OF THE PIPE. THE WORDING SHALL OCCUR EVERY THREE (3) FEET.
- ALL WATER SERVICE FITTINGS ARE REQUIRED TO BE LEAD FREE.
- ALL EXISTING FPUA FACILITIES (IE VALVES) TO BE OPERATED BY FPUA PERSONNEL ONLY.

GENERAL LANDSCAPE NOTE:

- SOD ONLY WITH NO SHRUBS AND/OR TREES TO BE INSTALLED WITHIN 5' OF A WATER METER AND 7.5' OF A FIRE HYDRANT. TREES CANNOT BE INSTALLED WITHIN 10' OF WATER OR SEWER MAIN WITHOUT PRIOR FPUA APPROVAL AND THE INSTALLATION OF A ROOT BARRIER.

DATUM NOTE:

CONTROL BENCHMARK:
 SAINT LUCIE COUNTY BENCHMARK DESCRIBED AS SAINT LUCIE COUNTY 2004 VERTICAL CONTROL DISK IN CONCRETE LOCATED AT THE NORTHEAST CORNER OF JENKINS AND OKKECHOEBE ROADS, 47.6' SOUTHEAST OF A TYPICAL CONCRETE POWER POLE AT THE INTERSECTION OF AN 8' CONCRETE SIDEWALK, 14' NORTHWEST OF THE SOUTHWEST CORNER OF THE PARKING LOT PARALLEL TO OKKECHOEBE ROAD.

ELEVATION: 19.13' (NORTH AMERICAN VERTICAL DATUM 1988)

ON-SITE TBM #1:
 STATION IS DESCRIBED AS A LB-7662 NAIL AND DISK SET ON TOP OF CONCRETE SIDEWALK LOCATED 106.04' NORTH AND 31.68' EAST OF THE NORTHWEST CORNER OF SUBJECT PARCEL.

ELEVATION: 20.50' (NORTH AMERICAN VERTICAL DATUM 1988)

ON-SITE TBM #2:
 STATION IS DESCRIBED AS A LB-7662 NAIL AND DISK SET ON TOP OF CONCRETE SIDEWALK LOCATED 33.18' NORTH AND 289.81' WEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

ELEVATION: 17.92' (NORTH AMERICAN VERTICAL DATUM 1988)

Order Plans @

WWW.LDWLINE.COM

BOHLER ENGINEERING

SITE CIVIL AND CONSULTING ENGINEERING
 LAND SURVEYING
 SUSTAINABLE DESIGN
 TRANSPORTATION SERVICES

RALEIGH, NC
 CHARLOTTE, NC
 TAMPA, FL
 SOUTH FLORIDA

MEMBER OF THE NATIONAL ASSOCIATION OF PROFESSIONAL ENGINEERS

REVISIONS

REV	DATE	COMMENT	BY
1	8/9/2016	PER CITY COMMENTS	SMT
2	10/20/2016	REVISIONS PER SFWMD COMMENTS	SMT
3	4/10/2017	PER FDOT AND SFWMD COMMENTS	DJE
4	4/24/2017	PER CITY OF FORT PIERCE COMMENTS	SGM
5	5/12/2017	PER CITY OF FORT PIERCE COMMENTS	SGM
6	6/21/2017	PER FDOT COMMENTS	SGM
7	7/14/2017	PER FDOT COMMENTS	SGM

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG

www.callsunshine.com

APPROVED FOR CONSTRUCTION

PROJECT No: FLB15009
 DRAWN BY: DJE
 CHECKED BY: CR
 DATE: 06/24/16
 SCALE: 1" = 30'
 CAD I.D.: UPR

PROJECT: **SR 70 AND JENKINS FOR WAWA**

LOCATION OF SITE: **SEC SR 70 & S JENKINS RD FORT PIERCE, FLORIDA**

BOHLER ENGINEERING

2255 GLADES ROAD, SUITE 305E
 BOCA RATON, FLORIDA 33431

Phone: (561) 571-0280
 Fax: (561) 571-0281
 FLORIDA LICENSE # 5391 OF AUTH. No. 30780
 LICENSE # 5391 OF AUTH. No. 30780



SHEET TITLE: **UTILITY PLAN & PROFILE**

SHEET NUMBER: **C-10**