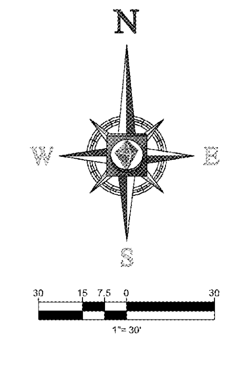

DATUM NOTE:

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 OKEECHOBEE ROADS, 47.5'± 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 OKEECHOBEE ROAD.

ELEVATION: 19.13' (NORTH AMERICAN VERTICAL DATUM 1988)

ON-SITE TBM #1:
STATION IS DESCRIBED AS A LB-7652 NAIL AND DISK SET ON TOP OF CONCRETE SIDEWALK LOCATED 105.04' NORTH AND 31.69' 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-7652 NAIL AND DISK SET ON TOP OF GRATE INLET LOCATED 5.19' NORTH AND 299.81' WEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

ELEVATION: 17.10' (NORTH AMERICAN VERTICAL DATUM 1988)

LEGEND:

- PROPERTY LINE
- EXIST. STORM SEWER
- EXIST. CATCH BASIN
- PROP. DRAINAGE ARROW
- PROP. RIDGE LINE
- PROP. STORM SEWER
- PROP. EXFILTRATION TRENCH
- PROP. CATCH BASIN
- PROP. STORM MANHOLE

STORM CLEANOUT SCHEDULE:

C.O.-01 RIM ELEV = AT GRADE I.E. = 16.90	C.O.-02 RIM ELEV = AT GRADE I.E. = 16.40	C.O.-03 RIM ELEV = AT GRADE I.E. = 15.70	C.O.-04 RIM ELEV = AT GRADE I.E. = 15.75
C.O.-05 RIM ELEV = AT GRADE I.E. = 16.10	C.O.-06 RIM ELEV = AT GRADE I.E. = 17.00	C.O.-07 RIM ELEV = AT GRADE I.E. = 16.65	C.O.-08 RIM ELEV = AT GRADE I.E. = 16.75
C.O.-09 RIM ELEV = AT GRADE I.E. = 15.80	C.O.-10 RIM ELEV = AT GRADE I.E. = 15.45	C.O.-11 RIM ELEV = AT GRADE I.E. = 15.00	

ROOF DRAIN SCHEDULE:

PIPE No.	SIZE (IN)	TYPE	LENGTH (FT)	SLOPE (%)
RL-1	8"	PVC PIPE	52	1.0
RL-2	8"	PVC PIPE	67	1.0
RL-3	12"	PVC PIPE	48	1.0
RL-4	4"	PVC PIPE	65	1.0
RL-5	4"	PVC PIPE	34	1.0
RL-6	6"	PVC PIPE	33	1.0
RL-7	12"	PVC PIPE	85	1.0
RL-8	12"	PVC PIPE	93	1.0
RL-9	12"	PVC PIPE	33	1.0
RL-10	12"	PVC PIPE	45	1.0

GENERAL NOTES:

1. CONTRACTOR SHALL BE CERTIFIED BY THE MANUFACTURER ON THE INSTALLATION OF HDPE DRAINAGE PIPE PRIOR TO INSTALLATION OF ANY PIPE.
2. ALL HDPE PIPE SHALL BE CLASS II (SMOOTH WALLED).
3. CONTRACTOR SHALL OVER EXCAVATE MINIMUM FIVE (5) FEET BELOW BOTTOM OF STORM WATER MANAGEMENT AREAS AND ADD CLEAN SUITABLE FILL.
4. EXFILTRATION PIPES SHALL COMPLY WITH THE FOLLOWING, UNLESS OTHERWISE SPECIFIED:
   - FIFTEEN (15) INCH HDPE PIPE
   - CIRCULAR PERFORATION WITH A MAXIMUM SLOT DIAMETER OF 0.313 INCHES AND A MINIMUM INLET AREA OF IN^2/FT.
5. CONTRACTOR SHALL OVER EXCAVATE A MINIMUM OF TEN AND A HALF (10.5') FEET BELOW BOTTOM OF STORM WATER MANAGEMENT AREAS, AND ADD CLEAN SUITABLE FILL WITH A HORIZONTAL K VALUE OF MIN. 30FT/D (15 IN/HR) AND A VERTICAL K VALUE OF MIN. 17 FT/D (8.5 IN/HR) AND SHALL CONFIRM CONDUCTIVITY WITH INFILTRATION TEST PRIOR TO CONSTRUCTION CERTIFICATION.

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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

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APPROVED FOR CONSTRUCTION

PROJECT No.: FLB15009
DRAWN BY: DJE
CHECKED BY: CR
DATE: 06/24/16
SCALE: 1" = 30'
CAD I.D.: HP3

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 BUSINESS CERT. OF AUTH. No. 30780
LANDSCAPE ARCHITECT BUSINESS LIC. No LC26000551

SHEET TITLE:

DRAINAGE PLAN

SHEET NUMBER: C-7

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