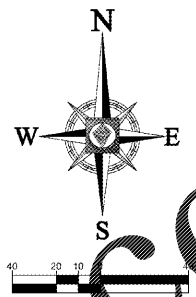


PROP. DDCVA NOTE:
PROPOSED FIRE DDCVA ON THE PRIVATE SIDE OF THE EXISTING METER TO SERVE EXISTING FIRE HYDRANT ON-SITE.



LANDSCAPE NOTE:
LANDSCAPING MUST BE KEPT CLEAR OF THE HYDRANT TO ALLOW FOR A 36" CLEARANCE AROUND THE CIRCUMFERENCE OF THE HYDRANTS.

GENERAL NOTE:

- ALL UTILITY SYSTEM DESIGN MATERIALS AND WORKMANSHIP SHALL COMPLY WITH STANDARDS FOR DESIGN AND CONSTRUCTION OF WATER, WASTEWATER, AND RECLAIMED WATER FACILITIES SPECIFICATIONS, LATEST EDITION.
 - THE UTILITIES SERVICE BRANCH SHALL NOT OWN OR MAINTAIN ON-SITE WATERLINES, SEWER LINES OR FACILITIES, UNLESS OTHERWISE APPROVED BY THE UTILITIES SERVICES BRANCH.
- ALL PEDESTALS AND BOXES SHALL BE APPROPRIATELY MARKED AND/OR IDENTIFIED, AND LOCATED WITHIN (12) INCHES OF THE REAR THE RIGHT-OF-WAY.

- 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 PIPING TO BE NON-PERFORATED TUBING.

- FIRE PROTECTION NOTES:**
- ALL PROJECTS MUST COMPLY WITH PASCO COUNTY FIRE HYDRANT ORDINANCE NO. 46-51.
 - FIRE HYDRANTS MUST BE INSTALLED AND IN SERVICE PRIOR TO THE ACCUMULATION OF COMBUSTIBLES.
 - PER NATIONAL FIRE PROTECTION ASSOCIATION, NFPA 1, 18.4.1.3, WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED AND IN SERVICE PRIOR TO CONSTRUCTION WORK.
 - PER NFPA-1, 18.3.4.1, CLEARANCES OF 7 1/2 FEET IN FRONT OF AND TO THE SIDES OF THE FIRE HYDRANT WITH A 4 FOOT CLEARANCE TO THE REAR MUST BE MAINTAINED AT ALL TIMES.
 - GATED ENTRIES REQUIRE A SIREN OPERATING SYSTEM OR A 3M OPTICOM SYSTEM FOR EMERGENCY ACCESS.

- SANITARY SEWER NOTES:**
- GENERAL:
 - DISTANCE AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.
 - PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR TO TELEPHONE EXISTING SANITARY SEWER LINE FROM POINT OF CONNECTION THROUGH THE NEXT SEQUENTIAL DOWNSTREAM RUN OF PIPE. ADDITIONALLY, PRIOR TO COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL TELEPHONE THE NEWLY INSTALLED SANITARY SEWER MAIN TO ENSURE NO DIPS OR DEBRIS WITHIN LINE.
 - ALL UTILITY SYSTEM DESIGN MATERIALS AND WORKMANSHIP SHALL COMPLY WITH STANDARDS FOR DESIGN AND CONSTRUCTION OF WATER, WASTEWATER AND RECLAIMED WATER FACILITIES SPECIFICATIONS, LATEST EDITION.
 - MATERIALS:
 - ALL PVC SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE (PVC) PIPE CONFORMING TO ASTM D 3034, SDR 26, WITH PUSH-ON RUBBER GASKET JOINTS.
 - ALL FITTINGS AND ACCESSORIES SHALL BE AS MANUFACTURED OR SUPPLIED BY THE PIPE MANUFACTURER OR APPROVED EQUAL.
 - ALL SANITARY CLEANOUTS WITHIN PAVEMENT SHALL HAVE A LID THAT IS H20 LOADING.
 - INSTALLATION:
 - PIPE AND FITTINGS:
 - SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, AND THE UN-BELL PLASTICS PIPE ASSOCIATION'S RECOMMENDED PRACTICE FOR THE INSTALLATION OF PVC SEWER PIPE.
 - BEDDING AND INITIAL BACKFILL (12 INCHES) OVER SEWER MAINS AND SERVICES SHALL BE SAND WITH NO ROCK LARGER THAN 1" IN DIAMETER. FEA ROCK OR 3/4" WASHED ROCK WILL BE USED IN WATER OR WHERE UNSUITABLE BEDDING EXISTS. ALL OTHER FILL SHALL NOT HAVE ROCK LARGER THAN 6" IN DIAMETER.
 - CLEANOUTS:
 - CLEANOUTS SHALL BE SET PLUMB TO LINE AND GRADE ON FIRM CLEAN SUBGRADE PROVIDING UNIFORM BEARING UNDER THE BASE.
 - ALL OPENINGS AND JOINTS SHALL BE SEALED WATER-TIGHT.
 - MINIMUM:
 - MINIMUM SLOPE OF ALL SERVICE LINES SHALL BE 1.00%.
 - EACH SERVICE CONNECTION SHALL BE PLUGGED WATER-TIGHT WITH AN APPROVED PLUG.
 - CONNECTION OF SERVICES TO BUILDINGS PLUMBING SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS.
 - TESTING:
 - AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENGINEER MAY REQUIRE A VISUAL INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.
 - AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE ENGINEER.
 - SEWER PIPE LEAKAGE ALLOWABLE SHALL NOT EXCEED 150 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED. NO VISIBLE LEAKAGE SHALL BE ALLOWED.
 - CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY DEFICIENCIES PRIOR TO THE CERTIFICATION TO ANY AGENCY.
 - GENERAL CONTRACTOR SHALL EMPLOY AN INDEPENDENT INSPECTOR FOR 100% CONTINUOUS INSPECTION OF THE BEDDING AND BACKFILL OPERATION. COMPACTION TESTS SHALL BE TAKEN AT THE BOTTOM OF TRENCH AND AT EACH LIFT OF BACKFILL.
 - GENERAL CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR AS BUILT TOP OF PIPE ELEVATIONS TAKEN WHEN BEDDING OPERATION IS 75% COMPLETE. THESE ELEVATIONS SHALL BE TAKEN AT POINTS OF CONNECTION, CHANGES IN DIRECTION AND AT MINIMUM 20' INTERVALS ALONG THE LENGTH OF THE PIPE. THESE ELEVATIONS SHALL BE RECORDED AS AS-BUILT DIMENSIONS ON SITE PLAN REVIEW BY PROJECT ENGINEER.
 - ALL SANITARY LINES ARE TO BE FLUSHED PRIOR TO CONTRACTOR TURNOVER OF THE FACILITY.

LEGEND:

PROPOSED 8" Tee W/8" GATE VALVE & FIRE HYDRANT ASSEMBLY PER COUNTY SPECIFICATIONS (2" WATER LINE TO FIRE HYDRANT SHALL BE DIP)

UTILITY CONTACTS:

WATER:
PASCO COUNTY UTILITIES
19420 CENTRAL BLVD
LAND O' LAKES, FL 34637
(727) 847-8146

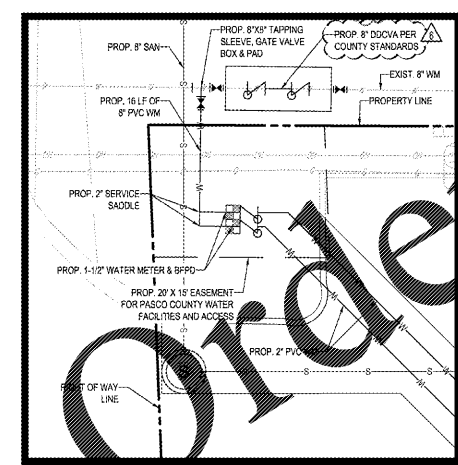
ELECTRIC:
WITHLACOCHEE RIVER ELECTRIC COOPERATIVE
12013 HAYS RD
SPRING HILL, FL 34610
JEFF RATLIFF
(727) 869-9465

CABLE/FIBER/PHONE:
FRONTIER COMMUNICATIONS
CARLOS BATES
(813) 806-6709

SANITARY:
PASCO COUNTY UTILITIES
19420 CENTRAL BLVD
LAND O' LAKES, FL 34637
(727) 847-8146

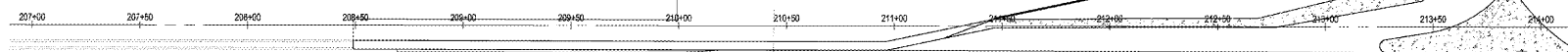
FIRE SERVICE:
PASCO COUNTY FIRE RESCUE
4111 LAND O' LAKES BLVD #208
LAND O' LAKES, FL 34639
(813) 926-2750

CATV & FIBER:
BRIGHTHOUSE NETWORKS
WEST PASCO
MIKE IKKER
(813) 962-0522



WATER CONNECTION DETAIL:
SCALE: 1" = 10'

STATE ROAD 52
PUBLIC RIGHT OF WAY MARKS
ASPHALT PAVEMENT WIDTH MARKS



BOHLER ENGINEERING
SOUTH FLORIDA DIVISION
1400 W. UNIVERSITY BLVD., SUITE 100
TAMPA, FL 33606
PH: (813) 912-4100
FAX: (813) 912-4101
WWW.BOHLER-ENGINEERING.COM

REGISTERED PROFESSIONAL ENGINEERS
FLORIDA LICENSE NO. 15307
SOUTH FLORIDA DIVISION
REGISTERED PROFESSIONAL ENGINEERS
FLORIDA LICENSE NO. 15307

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FLORIDA LICENSE NO. 15307

REVISIONS

REV	DATE	COMMENT	BY
2	2017-07-11	PER COUNTY SWYMG & 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	WAVA 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: 11/02/2018
SCALE: 1" = 40'
CAD ID: UPD

PROJECT: WAVA SR 52 & LITTLE RD
FOR **RMC PROPERTY GROUP**
LOCATION OF SITE:
8021 STATE ROAD 52
HUDSON, FLORIDA 34669
PASCO COUNTY

BOHLER ENGINEERING
3829 NORTHALE BLVD., SUITE 300B
TAMPA, FLORIDA 33624
Phone: (813) 912-4100
Fax: (813) 912-4101
FLORIDA BUSINESS CERT. OF AUTH. NO. 3819
LICENSED PROFESSIONAL ENGINEER NO. 15307

10/5/2018

SHEET TITLE: **OVERALL UTILITY PLAN**
SHEET NUMBER: **C-7**