

# UTILITY CONSTRUCTION PLANS RECORD DRAWING

## FOR

# RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS

## FOR

# JEN TAMPA 1, LLC

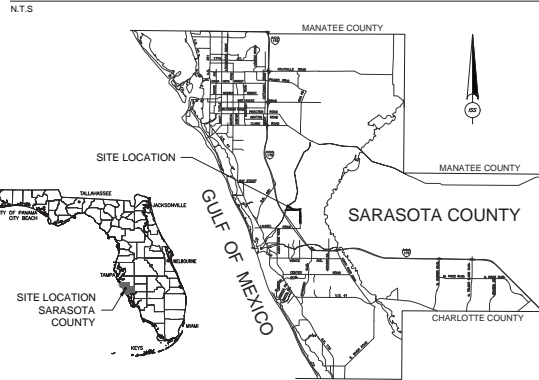
APRIL 2021

ENGINEER'S CERTIFICATION:  
IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS BUILT DATA OBTAINED BY THE SURVEYOR AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.

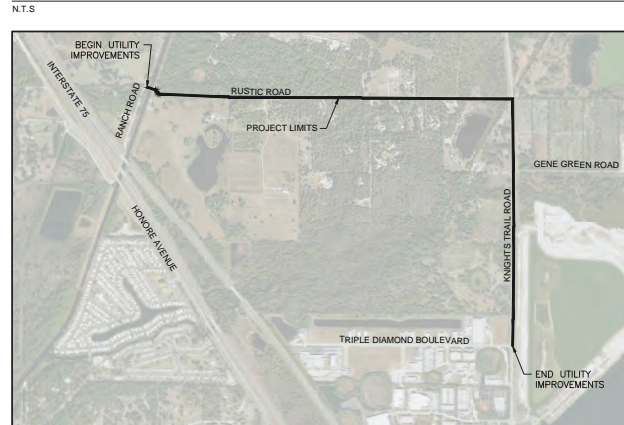


DEVYN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 8839. THE DESIGN ON THESE PLANS HAS BEEN DIGITALLY SIGNED AND SEALED BY DEVYN M. BROWN, P.E. PRINTED COPIES OF THIS DOCUMENT HAVE NOT BEEN CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

### VICINITY MAPS



### LOCATION MAP



SECTIONS 20 AND 21, TOWNSHIP 38 S, RANGE 19 E  
SARASOTA COUNTY, FLORIDA

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CG-501	BEST MANAGEMENT PRACTICES PLAN
CT-701	MAINTENANCE OF TRAFFIC PLAN

### CONTACTS

<b>DEVELOPER</b> JEN TAMPA 1, LLC 1316 WEST SWANN AVENUE TAMPA, FLORIDA 33606	<b>CIVIL ENGINEER</b> INFRASTRUCTURE SOLUTIONS SERVICES, LLC 7319 MERCHANT COURT, SUITE B SARASOTA, FLORIDA 34240 PHONE: (941) 526-0813	<b>UTILITY PURVEYOR</b> CITY OF VENICE UTILITIES 200 WARFIELD AVENUE N. VENICE, FLORIDA 34285 PHONE: (941) 480-3333
<b>SURVEYOR</b> GEOPOINT SURVEYING, INC. 1403 EAST 5TH AVENUE TAMPA, FLORIDA 33605 PHONE: (813) 248-8888	<b>RIGHT-OF-WAY PURVEYOR (COUNTY)</b> SARASOTA COUNTY TRANSPORTATION 1001 SARASOTA CENTER BOULEVARD SARASOTA, FLORIDA 34240 PHONE: (941) 861-6790	<b>RIGHT-OF-WAY PURVEYOR (CITY)</b> CITY OF VENICE 401 WEST VENICE AVENUE VENICE, FLORIDA 34285 PHONE: (941) 486-2626

### UTILITIES PROVIDERS LIST

- SUNSHINE ONE CALL DESIGN TICKET #: 322005061
- DAMIEN STILLINGS  
CITY OF VENICE UTILITIES  
200 WARFIELD AVENUE N.  
VENICE, FLORIDA 34285  
PHONE: (941) 480-3333
  - TONI CANNON  
FRONTIER COMMUNICATIONS  
3712 W. WALNUT STREET  
TAMPA, FLORIDA 33607  
PHONE: (813) 875-1014
  - INVESTIGATIONS DEPT.  
MCI  
7000 WESTON PARKWAY  
CARY, NORTH CAROLINA 27513  
PHONE: (468) 886-4091
  - SCOTT CUNNINGHAM  
PEACE RIVER/MANASOTA REGIONAL WATER  
8995 SW. COUNTY ROAD 769  
ACADIA, FLORIDA  
PHONE: (863) 993-4565
  - DEAN YOUNG  
SARASOTA COUNTY TRAFFIC  
1001 SARASOTA CENTER BOULEVARD  
SARASOTA, FLORIDA 34240  
PHONE: (941) 264-8288
  - KARLA SOHALLI  
SARASOTA COUNTY UTILITIES  
1001 SARASOTA CENTER BOULEVARD  
SARASOTA, FLORIDA 34240  
PHONE: (941) 861-0525
  - JOEL BRAY  
FLORIDA POWER & LIGHT  
PHONE: (386) 386-6403
  - JOHN SCOTT STRAHN  
COMCAST  
PHONE: (561) 227-3417
  - TECO PEOPLES GAS  
JOAN DOMING  
PHONE: (813) 275-3783



7319 Merchant Court, Suite B  
Sarasota, FL 34240  
Phone: (941) 526-0813  
FBPE CA# 29992

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE FACILITIES, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLY WITH ALL APPLICABLE STANDARDS, INCLUDING THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTIONS 358.075 (1) AND (4) FLORIDA STATUTES, AND THE SARASOTA COUNTY LAND DEVELOPMENT REGULATIONS, AND THE SARASOTA COUNTY UNIFIED DEVELOPMENT CODE (ARTICLE 13, SECTION 124.2500 OF THE UDC)/ARTICLE 18, SECTION 124-310, APPENDIX 18 OF THE UDC.

NO.	DATE	DESCRIPTION	REVISIONS
04	10/15/21	DETAIL SHEETS ADDED	
03	09/08/21	REVISED BASED ON CITY FEEDBACK	
02	07/27/21	REVISED BASED ON CITY FEEDBACK	
01	07/16/21	COORDINATE WITH ADJACENT DEVELOPMENT	

UTILITY  
CONSTRUCTION PLANS

DRAWING TITLE  
COVER SHEET  
RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS  
CLIENT  
JEN TAMPA 1, LLC



SARASOTA COUNTY AND/OR CITY OF VENICE RIGHT-OF-WAY USE PERMITTING IS REQUIRED FOR ALL WORK PROPOSED WITHIN MUNICIPAL RW. ATTENTION SHOULD BE DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE AND SCALE BY REPRODUCTION. PLEASE NOTE THAT THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



07/2023 3:36:12 PM

CM-101



ENGINEER'S CERTIFICATION:  
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DEVIN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 48380. THIS ITEM HAS BEEN DIGITALLY SIGNED AND ON THE DATE INDICATED HERE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NO.	DATE	DESCRIPTION

**INFRASTRUCTURE SOLUTION SERVICES**  
 7319 Merchant Court, Suite B  
 Sarasota, FL 34240  
 Phone: (941) 526-0913  
 www.infrastructureSS.com

DRAWING TITLE: MASTER UTILITY PLAN  
 RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS  
 CLIENT: JEN TAMPA 1, LLC

PROJECT NO:	JEN001	PROJ. MGR:	MWM
DATE:	04/30/21	DRWN BY:	JWR
SCALE:	1" = 300'	CRD BY:	MWM
SHEET NO:			

CM-102

6/29/2023 12:26:44 PM

## GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO SARASOTA COUNTY AND CITY OF VENICE STANDARDS, WHERE APPLICABLE. ALL UTILITY WORK FOR THIS PROJECT SHALL BE CONDUCTED IN ACCORDANCE WITH CITY OF VENICE STANDARDS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY, PRIOR TO BIDDING, TO INSPECT THE JOB SITE AND BECOME TOTALLY FAMILIAR WITH THE PLANS AND THEIR INTENT. SHOULD THERE BE ANY QUESTIONS, THE CONTRACTOR SHALL INQUIRE FOR CLARIFICATION.
- THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD APPARENT DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- THE ENGINEER RESERVES THE RIGHT TO ADJUST THE LOCATION OF PROPOSED IMPROVEMENTS TO MEET FIELD CONDITIONS, AS NECESSARY. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AS REQUIRED TO PROPERLY ACCOMMODATE ANY MODIFICATIONS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL CONSTRUCT SILT SCREENS, HAY BALES OR OTHER APPROVED DEVICES PRIOR TO CONSTRUCTION TO PREVENT ADVERSE OFFSITE IMPACT OF STORM WATER QUALITY AND QUANTITY. REFER TO BMP PLAN AND DETAILS.
- THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.
- THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL (811) AND EXISTING UTILITY FACILITY COMPANIES A MINIMUM OF 48 HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE VERIFICATION OF, AND PROTECTION OF, EXISTING UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL HAVE ANY DAMAGES (CAUSED BY CONSTRUCTION ACTIVITIES) TO EXISTING WATER, GAS, POWER AND TELEPHONE MAINS AND SERVICES, IMMEDIATELY REPAIRED.
- ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS OTHERWISE NOTED.
- AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL CLEAN OUT ALL EXISTING STORM DRAINS AND STRUCTURES WITHIN, OR DIRECTLY IMPACTED BY, THE PROJECT LIMITS.
- THE CONTRACTOR SHALL MAKE ALL STREETS FULLY PASSABLE AT THE END OF EACH WORK DAY. NO OPEN TRENCHES WILL BE PERMITTED OVERNIGHT, WEEKENDS, OR HOLIDAYS.
- ALL SURVEY MARKERS (BOTH VERTICAL AND HORIZONTAL) WITHIN THE GENERAL VICINITY, SHALL BE CONTINUOUSLY PROTECTED. ANY MARKERS DISTURBED OR DAMAGED SHALL BE REPLACED BY A PROFESSIONAL SURVEYOR AND MAPPER AND CERTIFIED TO THE GOVERNING MUNICIPALITY PRIOR TO FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY REQUIRED CONSTRUCTION PERMITS AND/OR RIGHT-OF-WAY USE PERMITS FROM AGENCY HAVING JURISDICTION PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY WITHIN THE MUNICIPAL RIGHT-OF-WAY.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY PROGRAMS/PROCEDURES AND THE IMPLEMENTATION AND COMPLIANCE THEREOF.
- THE CONTRACTOR SHALL PROVIDE THE CONSTRUCTION MEANS, METHODS, AND MATERIALS NECESSARY TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS AS PROPOSED IN THESE PLANS.
- THE CONTRACTOR SHALL NOTIFY APPROPRIATE LAW ENFORCEMENT, EMERGENCY, AND PUBLIC USE AGENCIES WHEN CONSTRUCTION ACTIVITIES NECESSITATE THE CLOSING OF ONE OR MORE TRAVEL LANES OF ANY ROAD FOR A TIME EXCEEDING TWO HOURS. THE CONTRACTOR SHALL NOTIFY, AT LEAST 48 HOURS IN ADVANCE, THE LOCAL PUBLIC WORKS DEPARTMENT, POLICE DEPARTMENT, FIRE RESCUE DEPARTMENT, SANITATION DEPARTMENT, U.S. POST OFFICE, SCHOOL BOARD, AND ENGINEER OF RECORD FOR ANY AND ALL ROAD CLOSURES.
- THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER, DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE PROJECT'S BMP GUIDELINES, FOOT INDEX NO. 102, AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION CRITERIA. SAID CONTROL MEASURES SHALL BE INSPECTED, LOGGED, AND MAINTAINED DAILY.
- UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL REPLACE ALL EXISTING PAVING, STABILIZED EARTH CURBS, DRIVEWAYS, SIDEWALKS, LANDSCAPING, FENCES, MAILBOXES, IRRIGATION SYSTEMS, SIGNS AND OTHER IMPROVEMENTS DISTURBED BY CONSTRUCTION TO EQUAL OR BETTER PRE-CONSTRUCTION CONDITIONS. AT NO ADDITIONAL COST TO THE OWNER.
- THE LOCATION OF EXISTING UTILITIES SHOWN WITHIN THESE PLANS IS BASED ON THE BEST AVAILABLE INFORMATION AS PROVIDED BY THE ASSOCIATED UTILITY OWNER AND INFORMATION OBTAINED BY SURVEY AND/OR RECORD DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- CONSTRUCTION MUST COMPLY WITH THE "FAIR HOUSING ACT DESIGN MANUAL", "FLORIDA ACCESSIBILITY CODE", AND THE "AMERICANS WITH DISABILITIES ACT" WHERE APPLICABLE.
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED FILL, CLEAN AND FREE OF ORGANIC MATERIAL AND OTHER OBJECTIONABLE DEBRIS. FILL NOT MEETING THESE REQUIREMENTS WILL BE DIRECTED TO BE REMOVED AND REPLACED WITH PROPER FILL. AT NO ADDITIONAL COST TO THE OWNER.
- ANY EXISTING UNSUITABLE OR ORGANIC SOIL MATERIAL SHALL BE REMOVED FROM UNDER PAVEMENT AND FIVE FEET BEHIND CURB AND FROM UNDER BUILDING PADS AND FIVE FEET OUTSIDE OF BUILDING PADS. A GEOTECHNICAL ENGINEER SHALL INDICATE THE REMOVAL DEPTH AND SHALL VERIFY THAT ORGANIC AND OTHER UNSUITABLE MATERIAL HAS BEEN REMOVED.
- FILL UNDER ROADWAYS, DRIVEWAYS, AND BUILDING PADS SHALL BE PLACED IN APPROPRIATE LIFTS. COMPACTION OF SOIL MATERIAL UNDER PROPOSED BUILDINGS AND PAVEMENT SHALL BE 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AGSHTO METHOD T-160. FILL IN UNPAVED AREAS SHALL BE 90% T160. FILL IN PLAY FIELDS SHALL BE 90% T160, OR AS DIRECTED BY THE OWNER.
- ALL COMPACTION DENSITY SHALL BE VERIFIED IN A REPORT BY A PROFESSIONAL ENGINEERING FIRM LICENSED IN THE STATE OF FLORIDA AND SIGNED AND SEALED BY A PROFESSIONAL ENGINEER. ANY UNSATISFACTORY OR FAILING TEST AREAS SHALL BE RE-COMPACTED BY THE CONTRACTOR UNTIL DENSITY TESTS PASS. AT NO ADDITIONAL EXPENSE TO THE OWNER, THE COST FOR FAILING TESTS SHALL BE BORNE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE SIGNED AND SEALED AS-BUILT SURVEY RECORD DRAWINGS PREPARED BY A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORIDA. THE RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND CONCURRENCE AND SHALL INDICATE HORIZONTAL AND VERTICAL DIMENSIONAL TOPOGRAPHIC DATA SO THAT CONSTRUCTED IMPROVEMENTS MAY BE LOCATED AND DELINEATED SO THE ENGINEER OF RECORD CAN DETERMINE IF THE IMPROVEMENTS WERE CONSTRUCTED IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS. AS-BUILT DRAWING PRESENTATION AND DATA SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE FIELDING AGENCIES. IT SHALL BE NOTED THAT THE RECORD DRAWING PLANS MAY BE REQUIRED TO BE PREPARED BY THE ENGINEERING BASE PLANS AS PERMITTED BY THE AGENCY HAVING JURISDICTION.
- FOR ANY WORK WITHIN A PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL PROVIDE A DETAILED SITE SPECIFIC MAINTENANCE OF TRAFFIC PLAN BASED ON THEIR CONSTRUCTION PHASING FOR ALL MAINTENANCE OF TRAFFIC INCLUDING WARNING SIGNALS, SIGNS, LIGHTS, AND FLAGMEN AS REQUIRED BY FOOT TO ENSURE SAFE PASSAGE OF VEHICLE TRAFFIC DURING CONSTRUCTION ACTIVITIES. REFER TO SHEET C1701 FOR GENERALIZED MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE FABRICATION OF PROPOSED CIVIL SITE IMPROVEMENTS. SHOP DRAWINGS SHALL BE CLEARLY MARKED IDENTIFYING THE SPECIFIC ITEM FOR REVIEW, WHERE A DEVIATION FROM THE DESIGN IS PROPOSED, THE SHOP DRAWING SHALL HAVE A SPECIFIC NOTE DETAILING THE DEVIATION AND REASON FOR SUCH.
- TESTING IS REQUIRED FOR ALL PROPOSED IMPROVEMENTS IN ACCORDANCE WITH APPLICABLE AGENCY STANDARDS. CONTRACTOR TO PROVIDE ENGINEER A MINIMUM OF 48 HOUR NOTICE FOR WITNESSING REQUIRED TESTING.

## PAVING, GRADING, AND DRAINAGE NOTES

- REFER TO THE GENERAL SITE CONSTRUCTION NOTES, SUPPLEMENTAL SPECIFICATIONS (IF APPLICABLE), AND PLAN SPECIFIC NOTES FOR SUPPLEMENTAL CONSTRUCTION REQUIREMENTS.
- THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WITH CONSTRUCTION. ANY OBSERVED SILTATION, SEEBERS, AND/OR EROSION SHALL BE CORRECTED AS SOON AS PRACTICAL IN ORDER TO AVOID ADVERSE STORMWATER DISCHARGE (QUANTITY OR QUALITY). REFER TO SHEET CG-501 FOR BEST MANAGEMENT PRACTICES PLAN AND GUIDELINES.
- ANY PROPOSED DRAINAGE PIPE SHALL BE CONCRETE OR HDPE, AS SPECIFIED. UNLESS OTHERWISE NOTED, CONCRETE PIPE SHALL BE RCP CLASS III AND BE FURNISHED AND INSTALLED IN ACCORDANCE WITH FOOT STANDARD SPECIFICATIONS, 410-7 AND 341. CORRUGATED POLYETHYLENE HDPE PIPE SHALL MEET AGSHTO 162M AND BE FURNISHED AND INSTALLED IN ACCORDANCE WITH FOOT STANDARD SPECIFICATIONS, 410-11 AND 9482. ALL RCP/ERCP JOINTS SHALL BE WRAPPED IN ACCORDANCE WITH FOOT STANDARD SPECIFICATIONS, INDEX 280 (LATEST EDITION).
- UNLESS PURPOSED OTHERWISE, ALL AREAS (PAVED AND UNPAVED) SHALL BE GRADED TO ASSURE POSITIVE DRAINAGE.
- PROPOSED FINISHED GRADE IN UNPAVED AREAS REPRESENTS TOP OF SOO. CONTRACTOR SHALL ALLOW 2" IN FINAL GRADING FOR SOO PLACEMENT.
- THE CONTRACTOR SHALL USE DUE CARE WHILE FINISHING ANY PAVED SURFACES TO ASSURE POSITIVE DRAINAGE AND PRECLUDE PONDED WATER OR "BIRD-BATHS".
- THE CONTRACTOR SHALL CONSTRUCT SOO RESTORATION FOR ALL DISTURBED UNPAVED SURFACES UNLESS OTHERWISE SPECIFIED.
- ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS OTHERWISE NOTED.
- ALL SURFACE WATER DISCHARGES SHALL COMPLY WITH THE STATE WATER QUALITY STANDARDS CONTAINED IN DEPARTMENT OF ENVIRONMENTAL PROTECTION RULES, CHAPTER 62-302, FLORIDA ADMINISTRATIVE CODE (F.A.C.)
- THE CONTRACTOR SHALL AVOID ADVERSELY IMPACTING THE EXISTING DRAINAGE SYSTEMS. THEY SHALL BE MAINTAINED FOR FUNCTION AND CAPACITY THROUGHOUT THE DURATION OF THE CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED FILL, CLEAN AND FREE OF ORGANIC MATERIAL AND OTHER OBJECTIONABLE DEBRIS. FILL NOT MEETING THESE REQUIREMENTS WILL BE DIRECTED TO BE REMOVED AND REPLACED WITH PROPER FILL. AT NO ADDITIONAL COST TO THE OWNER.

## WATER DISTRIBUTION NOTES

- REFER TO THE GENERAL SITE CONSTRUCTION NOTES, SUPPLEMENTAL SPECIFICATIONS (IF APPLICABLE), AND PLAN SPECIFIC NOTES FOR SUPPLEMENTAL WATER DISTRIBUTION CONSTRUCTION REQUIREMENTS.
- PVC WATER MAIN SHALL BE C-900 PVC DR18, COLOR CODED BLUE UNLESS OTHERWISE SPECIFIED. PVC FIRE/DC FIRE LINE SHALL BE C-800 DR-14, COLOR CODED BLUE AND SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24 AND BY A LICENSED FIRE PROTECTION CONTRACTOR.
- WHERE HORIZONTAL SEPARATION BETWEEN WATER MAIN AND SANITARY SEWER MAIN IS LESS THAN 10 FEET, OR WHERE WATER MAIN CROSSES UNDER SANITARY SEWER MAIN, WATER MAIN SHALL BE C-900 PVC DR-14 OR ENCASED IN CONCRETE, UNLESS OTHERWISE DIRECTED.
- FOR PVC WATER MAIN, 14 GAUGE, THIN INSULATED, SOLID COPPER WIRE SHALL BE LAD IN THE PIPE TRENCH. WIRE SHALL BE CONTINUOUS FROM VALVE BOX TO VALVE BOX, WRAPPED TWO TIMES AROUND EACH JOINT OF PIPE AND EXTENDED INSIDE EACH VALVE BOX TO ENABLE LOCATION DEVICES TO BE ATTACHED WITHOUT DIGGING UP THE VALVE BOX.
- DURING WATER PIPE INSTALLATION, THE CONTRACTOR SHALL IMMEDIATELY BACKFILL THE TRENCH AFTER EACH SECTION OF PIPE IS INSTALLED. MAXIMUM OPEN TRENCH LENGTH SHALL BE 40 FEET.
- ALL WATER PIPE SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES. WATER PIPE SHALL NOT HAVE LESS THAN 36" COVER UNLESS OTHERWISE SPECIFIED. NO ADDITIONAL PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR INSTALLING LINES AT GREATER THAN 36" COVER OVER PIPE.
- TESTING IS REQUIRED FOR ALL PROPOSED IMPROVEMENTS IN ACCORDANCE WITH CITY OF VENICE/SARASOTA COUNTY AND FDEP STANDARDS. CONTRACTOR TO PROVIDE ENGINEER A MINIMUM OF 48 HOUR NOTICE FOR WITNESSING REQUIRED TESTING.
- PROPER FITTINGS SHALL BE USED FOR APPROPRIATE ANGLE CHANGES, LONG RADIUS CURVES, EITHER HORIZONTAL OR VERTICAL. MAY BE LAID WITH STANDARD PIPE DEFLECTIONS AT THE JOINTS. THE MAXIMUM DEFLECTIONS AT PIPE JOINTS AND LAYING RADIUS FOR THE VARIOUS PIPE LENGTHS SHALL NOT EXCEED 75% OF THE PIPE MANUFACTURER'S RECOMMENDATIONS.
- ANY UTILITY EASEMENTS SHALL BE PROVIDED AS INDICATED FOR THE PROPOSED WATER DISTRIBUTION SYSTEM. ANY PROPOSED EASEMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE OWNER AND CITY OF VENICE/SARASOTA COUNTY.

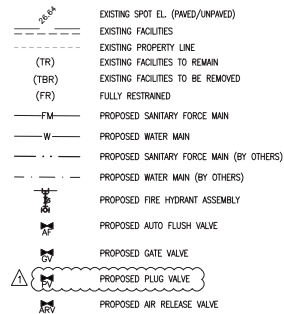
## WASTEWATER SYSTEM NOTES

- REFER TO THE GENERAL SITE CONSTRUCTION NOTES, SUPPLEMENTAL SPECIFICATIONS (IF APPLICABLE), AND PLAN SPECIFIC NOTES FOR SUPPLEMENTAL SANITARY SEWER CONSTRUCTION REQUIREMENTS.
- WASTEWATER FORCE MAIN PIPE SHALL BE C-900 PVC DR-18, COLOR CODED GREEN UNLESS OTHERWISE SPECIFIED.
- WHERE HORIZONTAL SEPARATION BETWEEN WATER MAIN AND SANITARY SEWER MAIN IS LESS THAN 10 FEET, OR WHERE WATER MAIN CROSSES UNDER SANITARY SEWER MAIN, WATER MAIN SHALL BE C-900 PVC DR-14 OR ENCASED IN CONCRETE, UNLESS OTHERWISE DIRECTED.
- DURING SEWER PIPE INSTALLATION, THE CONTRACTOR SHALL IMMEDIATELY BACKFILL THE TRENCH AFTER EACH SECTION OF PIPE IS INSTALLED. MAXIMUM OPEN TRENCH LENGTH SHALL BE 40 FEET.
- ALL SEWER PIPE SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES. GRAVITY SEWER PIPE (MANS) SHALL NOT HAVE LESS THAN 36" COVER UNLESS OTHERWISE SPECIFIED. NO ADDITIONAL PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR INSTALLING LINES AT GREATER THAN 36" COVER OVER PIPE.
- TESTING IS REQUIRED FOR ALL PROPOSED IMPROVEMENTS IN ACCORDANCE WITH CITY OF VENICE/ SARASOTA COUNTY AND FDEP STANDARDS. CONTRACTOR TO PROVIDE ENGINEER A MINIMUM OF 48 HOUR NOTICE FOR WITNESSING REQUIRED TESTING.
- PROPER FITTINGS SHALL BE USED FOR APPROPRIATE ANGLE CHANGES, LONG RADIUS CURVES, EITHER HORIZONTAL OR VERTICAL. MAY BE LAID WITH STANDARD PIPE DEFLECTIONS AT THE JOINTS. THE MAXIMUM DEFLECTIONS AT PIPE JOINTS AND LAYING RADIUS FOR THE VARIOUS PIPE LENGTHS SHALL NOT EXCEED 75% OF THE PIPE MANUFACTURER'S RECOMMENDATIONS.

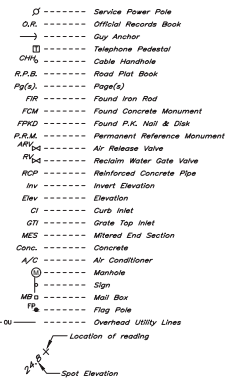
## PROJECT BENCHMARK

REFER TO SURVEY OR SUPPLEMENTAL BENCHMARK DATA.  
 SITE BENCHMARK: ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) BASED ON NATIONAL GEODETIC SURVEY BENCHMARK 170 63 431 RIM 11, NAVD88 A PUBLISHED ELEVATION OF 36.41 FEET (NAVD 88).

## UTILITY LEGEND



## SURVEY LEGEND



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## CITY OF VENICE/SARASOTA COUNTY UTILITY NOTES

- THE PROPOSED UTILITY IMPROVEMENTS SHALL BE CITY OF VENICE INFRASTRUCTURE. SINCE A PORTION OF THE CONSTRUCTION IS LOCATED WITHIN SARASOTA COUNTY RIGHT-OF-WAY/ASSESSMENT, APPLICABLE REQUIREMENTS OF EITHER BOTH SHALL APPLY.
- ALL PIPING AND ASSOCIATED APPURTENANCES, INCLUDING JOINT RESTRAINTS, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST CITY OF VENICE ENGINEERING/UTILITY STANDARDS AND THE SARASOTA COUNTY UNIFORM WATERWASTEWATER/RECLAIMED WATER SYSTEM CODE, AS APPLICABLE, AND ALL ASSOCIATED STATE AND LOCAL REGULATIONS.
- HORIZONTAL AND VERTICAL SEPARATION SHALL CONFORM TO THE LATEST FDEP RULES.
- PRESSURE AND LEAKAGE TESTING WILL BE PERFORMED IN ACCORDANCE WITH THE CITY OF VENICE UTILITY STANDARDS AND THE SARASOTA COUNTY UNIFORM WATERWASTEWATER/RECLAIMED WATER SYSTEM CODE, WHERE APPLICABLE.
- DISINFECTION OF THE WATER MAIN SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF VENICE, SARASOTA COUNTY, AND FDEP REQUIREMENTS.
- IN THE CASE WHERE CONTAMINATED SOILS ARE FOUND WITHIN THE UTILITY WORK ZONE, WORK WILL BE STOPPED AND THE PROPER AUTHORITIES NOTIFIED. WITH THE APPROVAL OF CITY OF VENICE AND/OR THE FDEP, ALL WATER MAINS AND SERVICE LINES FROM MAIN TO THE CROSS CONNECTION DEVICE WITHIN THE CONTAMINATED AREA SHALL BE DUCTILE IRON PIPE AND FITTINGS WITH APPROVED SOLVENT RESISTANT GASKET MATERIAL. THE DUCTILE IRON PIPE WILL EXTEND AT LEAST ONE HUNDRED FEET (100) BEYOND THE CONTAMINATED AREA.
- WATER METERS WILL NOT BE INSTALLED PRIOR TO ISSUANCE OF THE AUTHORIZATION TO PLACE INTO SERVICE. FOR THE WATER SYSTEM.
- ALL TAPS, TO BE MADE BY THE CONTRACTOR, SHALL BE NOTED ON THE PLANS AND COORDINATED WITH THE INSPECTOR A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION.

DEVYN M. BROWN, PROFESSIONAL ENGINEER STATE OF FLORIDA, LICENSE NO. 9600. THE DESIGNER HAS READ THE THESE PLANS AND HAS NOTICED ALL CHANGES. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED VALID UNLESS SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NO.	DATE	REVISION
03	08/06/21	REVISED BASED ON CITY FEEDBACK

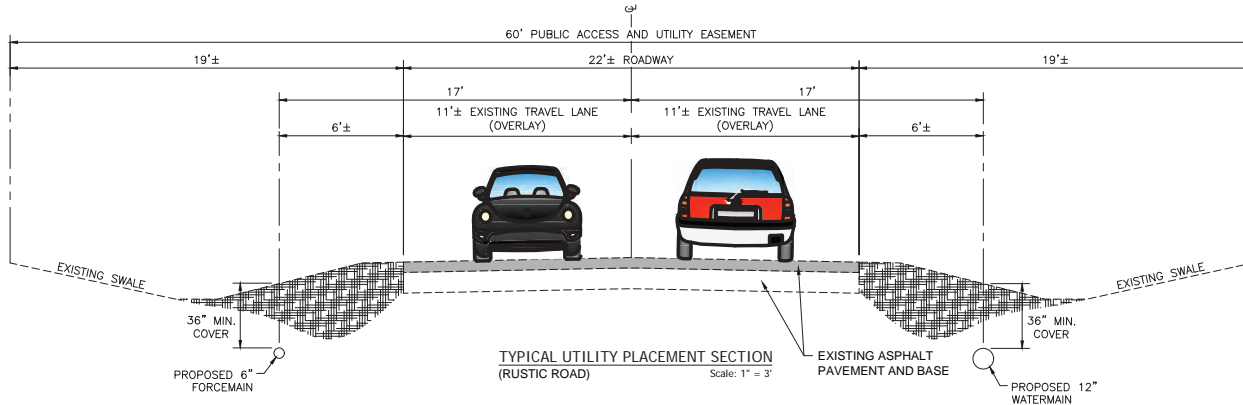
**INFRASTRUCTURE SOLUTION SERVICES**  
 7319 Michoud Court, Suite B  
 Sarasota, FL 34240  
 Phone: (941) 526-0913  
 www.infrastructuresolutions.com

**GENERAL NOTES**  
**RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS**  
**JEN TAMPA 1, LLC**  
 CLIENT

PROJECT NO.	PROJ. MGR.
JEN001	MWM
DATE:	DRWN BY:
04/30/21	JWR
SCALE:	CRD BY:
N.T.S.	MWM
SHEET NO.	

CU-001

ENGINEER'S CERTIFICATION:  
 IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS-BUILT DATA OBTAINED BY THE SURVEYOR AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.



UTILITY CONSTRUCTION KEYNOTE LEGEND	
WASTEWATER FORCEMAIN:	
(4PF)	CONSTRUCT 4" PVC (C-900, DR-18) FORCEMAIN (BY TRENCHING)
(6PF)	CONSTRUCT 6" PVC (C-900, DR-18) FORCEMAIN (BY TRENCHING)
(6DF)	CONSTRUCT 6" DIPS HDPE (DR-11) FORCEMAIN (BY DIRECTIONAL DRILL)
(4PV)	CONSTRUCT 4" PLUG VALVE
(6PV)	CONSTRUCT 6" PLUG VALVE
(6TR)	CONSTRUCT 6" PVC TO HDPE TRANSITION COUPLING
(8B90)	CONSTRUCT 6" 90-DEGREE BEND (MJ RESTRAINED)
(8B45)	CONSTRUCT 6" 45-DEGREE BEND (MJ RESTRAINED)
(4RR)	CONSTRUCT 6"x4" REDUCER
(4B45)	CONSTRUCT 4" 45-DEGREE BEND (MJ RESTRAINED)
(8B22)	CONSTRUCT 6" 22.5-DEGREE BEND (MJ RESTRAINED)
(ARVF)	CONSTRUCT AIR RELEASE VALVE ASSEMBLY (ABOVE GRADE)
(6YF)	CONSTRUCT 6" WYE (MJ RESTRAINED)
(64YF)	CONSTRUCT 6"x4" WYE (MJ RESTRAINED)
(6TF)	CONSTRUCT 6" TEE (MJ RESTRAINED)
(4CF)	CONSTRUCT 4" CAP (MJ RESTRAINED; FOR FUTURE CONNECTION)
(6CF)	CONSTRUCT 6" CAP (MJ RESTRAINED; FOR FUTURE CONNECTION)
(FMDA)	PROPOSED DRILL SETUP AREA (APPROXIMATE)
(FMDP)	PROPOSED DRILLING PIT (APPROXIMATE)
(FMRP)	PROPOSED RECEIVING PIT (APPROXIMATE)
(4FF)	FUTURE 4" FM (BY OTHERS)
(6FF)	FUTURE 6" FM (BY OTHERS)
(12R)	CONSTRUCT 16"x12" REDUCER
POTABLE WATERMAIN:	
(8PW)	CONSTRUCT 8" PVC (C-900, DR-18) WATERMAIN (BY TRENCHING)
(12PW)	CONSTRUCT 12" PVC (C-900, DR-18) WATERMAIN (BY TRENCHING)
(16PW)	CONSTRUCT 16" PVC (C-905, DR-18) WATERMAIN (BY TRENCHING)
(12DW)	CONSTRUCT 12" DIPS HDPE (DR-11) WATERMAIN (BY DIRECTIONAL DRILL)
(12TR)	CONSTRUCT 12" PVC TO HDPE TRANSITION COUPLING
(8GV)	CONSTRUCT 8" GATE VALVE (RESILIENT SEAT)
(12GV)	CONSTRUCT 12" GATE VALVE (RESILIENT SEAT)
(16GV)	CONSTRUCT 16" GATE VALVE (RESILIENT SEAT)
(12B90)	CONSTRUCT 12" 90-DEGREE BEND (MJ RESTRAINED)
(12B45)	CONSTRUCT 12" 45-DEGREE BEND (MJ RESTRAINED)
(12B22)	CONSTRUCT 12" 22.5-DEGREE BEND (MJ RESTRAINED)
(12B11)	CONSTRUCT 12" 11.25-DEGREE BEND (MJ RESTRAINED)
(ARVW)	CONSTRUCT AIR RELEASE VALVE ASSEMBLY (ABOVE GRADE)
(FH)	CONSTRUCT FIRE HYDRANT ASSEMBLY
(12T)	CONSTRUCT 12" TEE
(12TB)	CONSTRUCT 12"x8" TEE
(16R)	CONSTRUCT 16"x12" REDUCER
(8CF)	CONSTRUCT 8" CAP FOR FUTURE CONNECTION
(12CF)	CONSTRUCT 12" CAP FOR FUTURE CONNECTION
(FMDA)	PROPOSED DRILL SETUP AREA (APPROXIMATE)
(FMDP)	PROPOSED DRILLING PIT (APPROXIMATE)
(FMRP)	PROPOSED RECEIVING PIT (APPROXIMATE)
(8FW)	FUTURE 8" WM (BY OTHERS)
(12FW)	FUTURE 12" WM (BY OTHERS)
(16FW)	FUTURE 16" WM (BY OTHERS)
GENERAL:	
(DR)	CONSTRUCT DRIVEWAY RESTORATION

DEVIN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 12086. THESE DRAWINGS HAVE BEEN DIGITALLY SIGNED AND SEALED BY DEVIN M. BROWN, P.E. ON THE DATE INDICATED HERE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NO.	DATE	DESCRIPTION	REVISIONS

**INFRASTRUCTURE SOLUTION SERVICES**

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 Sarasota, FL 34240  
 Phone: (941) 526-0813  
 www.infrastructuresolutions.com

DRAWING TITLE: TYPICAL SECTION AND KEYNOTES

RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS

JEN TAMPA 1, LLC

CLIENT:

PROJECT NO.	PROJ. MGR.
JEN001	MWM
DATE:	DRWN. BY:
04/30/21	JWR
SCALE:	CHKD. BY:
N.T.S.	MWM
SHEET NO.	

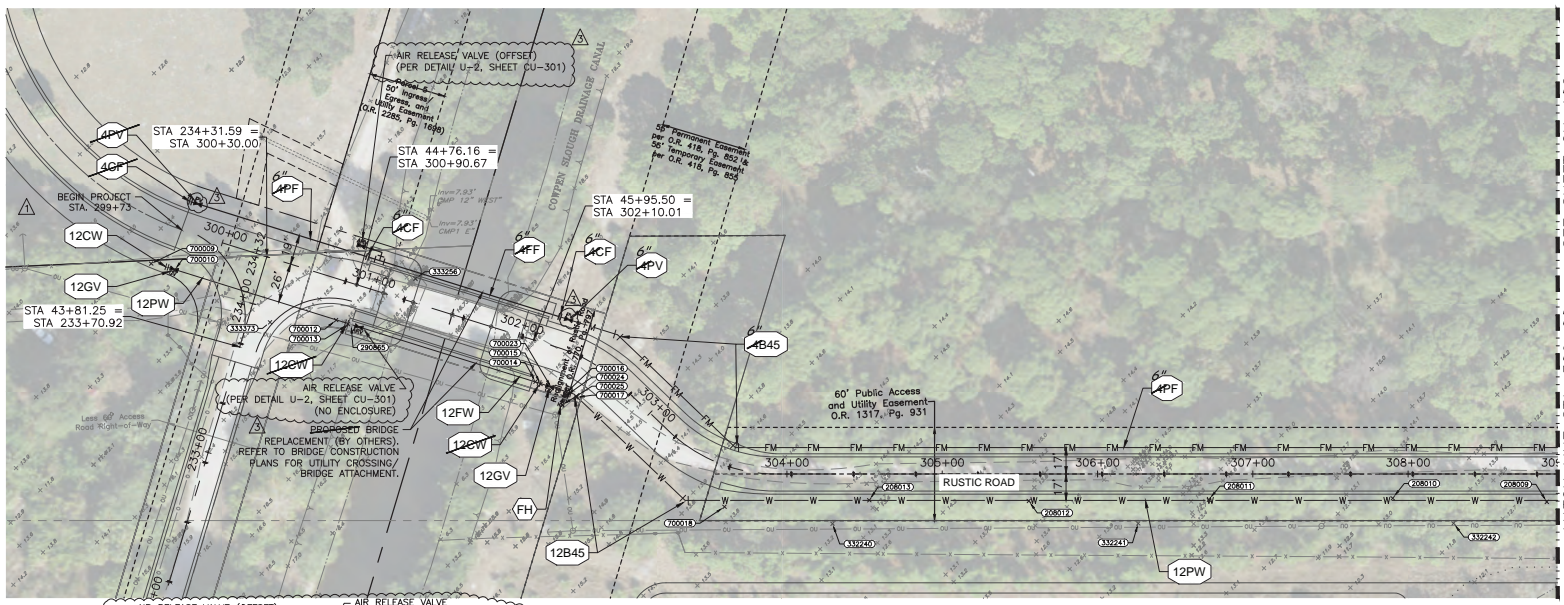
CU-002

POINT #	DESCRIPTION	ELEVATION	DISTANCE	LOCATION	DESCRIPTION	DISTANCE
00000	WATER MAIN DE 12" VERT	31.66	131256	10.45	131257	10.45
00001	WATER MAIN GATE VALVE 12"	31.68	131256	10.45	131257	10.45
00002	WATER MAIN BEND 12" VERT 45°	31.63	131256	10.45	131257	10.45
00003	WATER MAIN BEND 12" VERT 45°	31.62	131256	10.45	131257	10.45
00004	WATER MAIN BEND 12" VERT 45°	31.61	131256	10.45	131257	10.45
00005	WATER MAIN BEND 12" VERT 45°	31.60	131256	10.45	131257	10.45
00006	WATER MAIN GATE VALVE 12"	31.59	131256	10.45	131257	10.45
00007	WATER MAIN DE 12" VERT	31.58	131256	10.45	131257	10.45

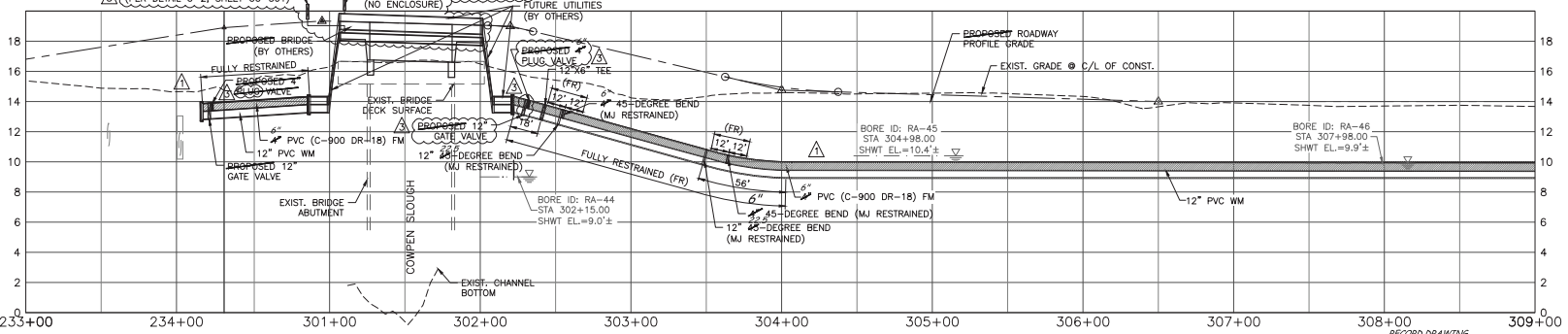
00024	WATER MAIN GATE VALVE 6"	35.66	131240	100.54	00025	6.21
00025	WATER MAIN BEND 12" VERT	35.65	131240	100.54	00026	104.71
00026	WATER MAIN BEND 12" VERT	35.64	131240	100.54	00027	108.88
00027	WATER MAIN BEND 12" VERT	35.63	131240	100.54	00028	113.05
00028	WATER MAIN BEND 12" VERT	35.62	131240	100.54	00029	117.22
00029	WATER MAIN BEND 12" VERT	35.61	131240	100.54	00030	121.39
00030	WATER MAIN BEND 12" VERT	35.60	131240	100.54	00031	125.56
00031	WATER MAIN BEND 12" VERT	35.59	131240	100.54	00032	129.73
00032	WATER MAIN BEND 12" VERT	35.58	131240	100.54	00033	133.90
00033	WATER MAIN BEND 12" VERT	35.57	131240	100.54	00034	138.07
00034	WATER MAIN BEND 12" VERT	35.56	131240	100.54	00035	142.24
00035	WATER MAIN BEND 12" VERT	35.55	131240	100.54	00036	146.41

ENGINEER'S CERTIFICATION:  
 IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS-BUILT DATA OBTAINED BY THE SURVEYOR AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OPPOSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.

DEVIN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 80878. THESE DRAWINGS HAVE BEEN DIGITALLY SIGNED AND SEALED BY DEVIN M. BROWN, P.E. ON THE DATE 04/30/21. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



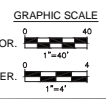
MATCH LINE STA. 309+00 - SEE SHEET CU-102



POINT #	DESCRIPTION
00026	Set Magnet and Disk in Utility Pole marked RR1
333241	Set Magnet and Disk in Utility Pole marked RR2
333242	Set Magnet and Disk in Utility Pole marked RR3
333243	Set Magnet and Disk in Utility Pole marked RR4
333256	Set Magnet and Disk (Stamped AD) in Asphalt @ NW Corner of Bridge
333373	Set Magnet and Disk (Stamped AC) in Asphalt @ SW Corner of Bridge

**RECORD DRAWING LEGEND**  
 42270 PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGH.  
 42271 "RECORD" ELEVATION OR DIMENSION WRITTEN IN.  
 12" INDICATES "RECORD" ELEVATION.  
 12" INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.  
 10000 INDICATES "RECORD" ITEM NUMBER.

**RECORD SURVEYORS CERTIFICATION**  
 I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS DEPICTED ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.  
 DATE OF LAST FIELD SURVEY = 03/27/2023  
 Justin Brantley  
 JUSTIN O. BRANTLEY, P.S.M.  
 FLORIDA CERTIFICATE NO. 156837



NO.	DATE	DESCRIPTION	REVISIONS
03	04/30/21	REVISE BASED ON CITY FEEDBACK	
04	07/12/21	REVISE BASED ON CITY FEEDBACK	

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 Sarasota, FL 34240  
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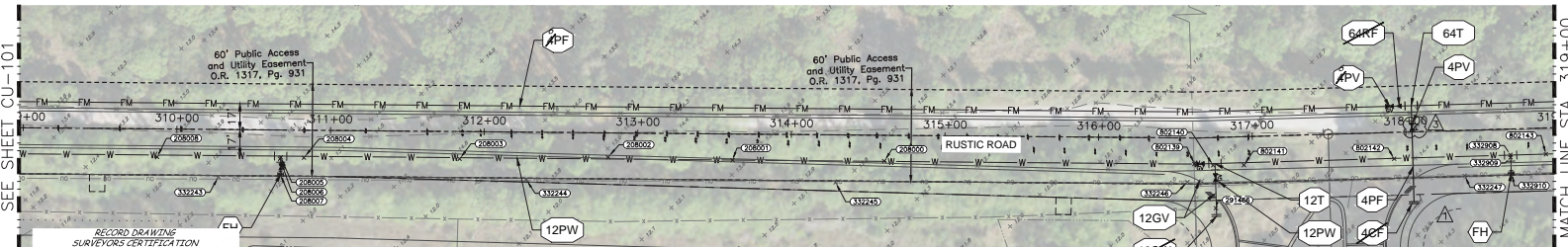
**UTILITY PLAN AND PROFILE**  
**RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS**  
 CLIENT: JEN TAMPA 1, LLC

PROJECT NO.	PROJ. MOD.
JEN001	MWM
DATE:	04/30/21
SCALE:	1" = 40'
DRWN BY:	JWR
CHECKED BY:	MWM
SHEET NO.:	

**CU-101**

03/29/2023 12:15:53 AM

MATCH LINE STA. 309+00  
SEE SHEET CU-101



MATCH LINE STA. 319+00  
SEE THIS SHEET

I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS DEPICTED ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.

DATE OF LAST FIELD SURVEY 03/27/2023  
Justin Brantley

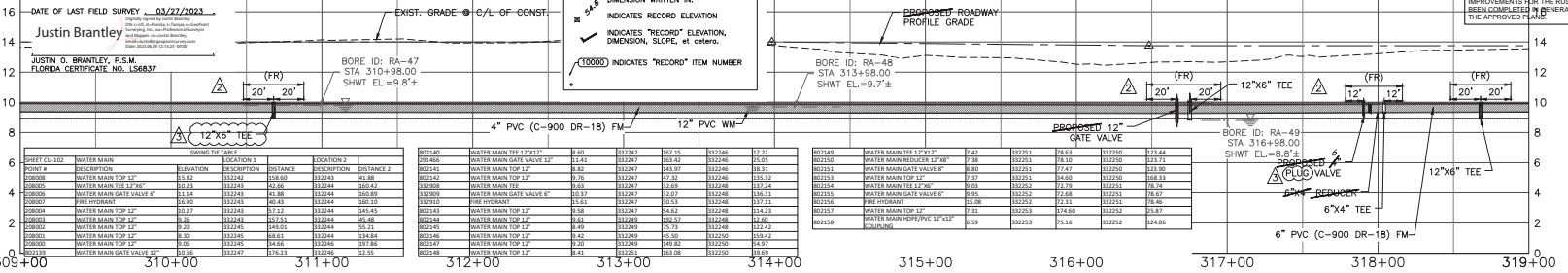
JUSTIN G. BRANTLEY, P.S.M.  
FLORIDA CERTIFICATE NO. 159837

**RECORD DATA PROVIDED BY GEOPPOINT SURVEYING, INC.**

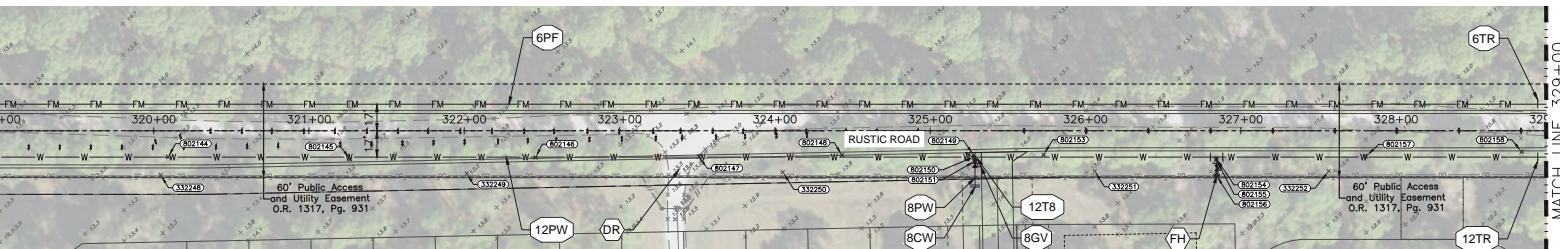
**RECORD DRAWING LEGEND**

- 42.07' PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGH, "RECORD" ELEVATION OR DIMENSION WRITTEN ON
- 42.07' INDICATES RECORD ELEVATION
- 42.07' INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.
- 42.07' INDICATES "RECORD" ITEM NUMBER

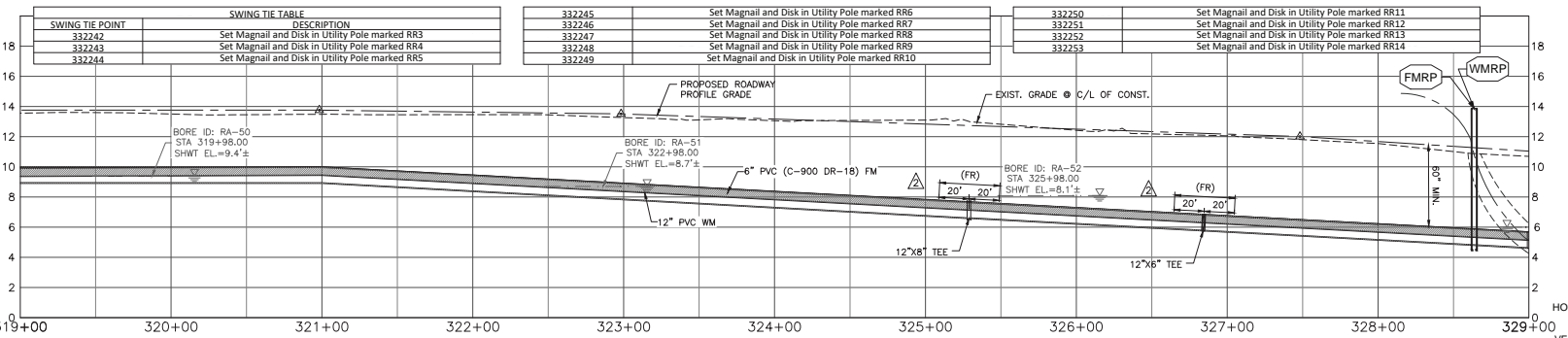
**ENGINEER'S CERTIFICATION**  
I, THE UNDERSIGNED, BEING A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA, HEREBY CERTIFY THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS-BUILT DATA OBTAINED BY THE SURVEYOR AND APPROVED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLAN.



MATCH LINE STA. 319+00  
SEE THIS SHEET



MATCH LINE STA. 329+00  
SEE SHEET CU-103



SWING TIE POINT	DESCRIPTION
332242	Set Magnail and Disk in Utility Pole marked RR3
332243	Set Magnail and Disk in Utility Pole marked RR2
332244	Set Magnail and Disk in Utility Pole marked RR5

332245	Set Magnail and Disk in Utility Pole marked RR6
332246	Set Magnail and Disk in Utility Pole marked RR7
332247	Set Magnail and Disk in Utility Pole marked RR8
332248	Set Magnail and Disk in Utility Pole marked RR9
332249	Set Magnail and Disk in Utility Pole marked RR10

332250	Set Magnail and Disk in Utility Pole marked RR11
332251	Set Magnail and Disk in Utility Pole marked RR12
332252	Set Magnail and Disk in Utility Pole marked RR13
332253	Set Magnail and Disk in Utility Pole marked RR14

DEVYN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 86971, THIS FORM HAS BEEN PREVIOUSLY REGISTERED AND SEALED BY DEVYN M. BROWN, P.E. ON THE DATE INDICATED HEREIN. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED VALID UNLESS THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NO.	DATE	DESCRIPTION
03	08/05/21	REVISION BASED ON CITY FEEDBACK
04	07/21/23	REVISION BASED ON CITY FEEDBACK
05	07/16/23	COORDINATE WITH ADJACENT DEVELOPMENT
06		REVISION

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Sanatola, FL 32640  
Phone: (941) 526-0813  
www.infrastructure360.com

**UTILITY PLAN AND PROFILE**  
**RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS**  
CLIENT: JEN TAMPA 1, LLC

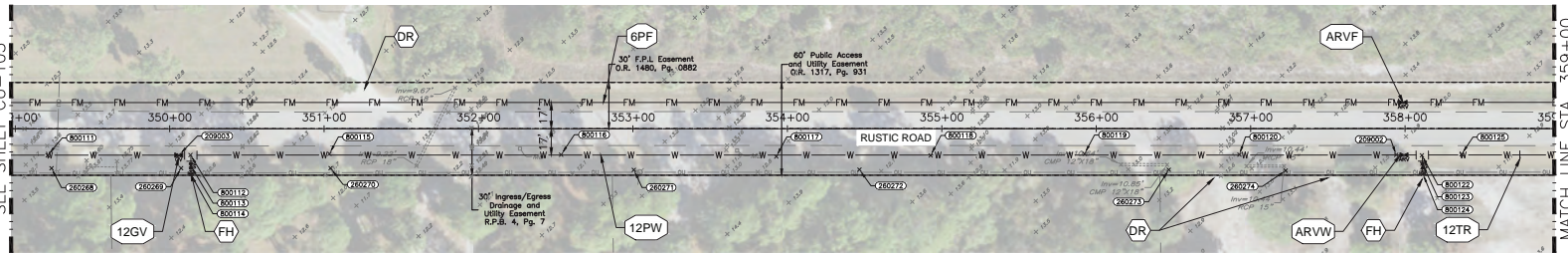
PROJECT NO.	PROJ. MGR.
JEN001	MWM
DATE	DRAWN BY
04/30/21	JWR
SCALE	CRD. BY
1" = 40'	MWM
SHEET NO.	

**CU-102**

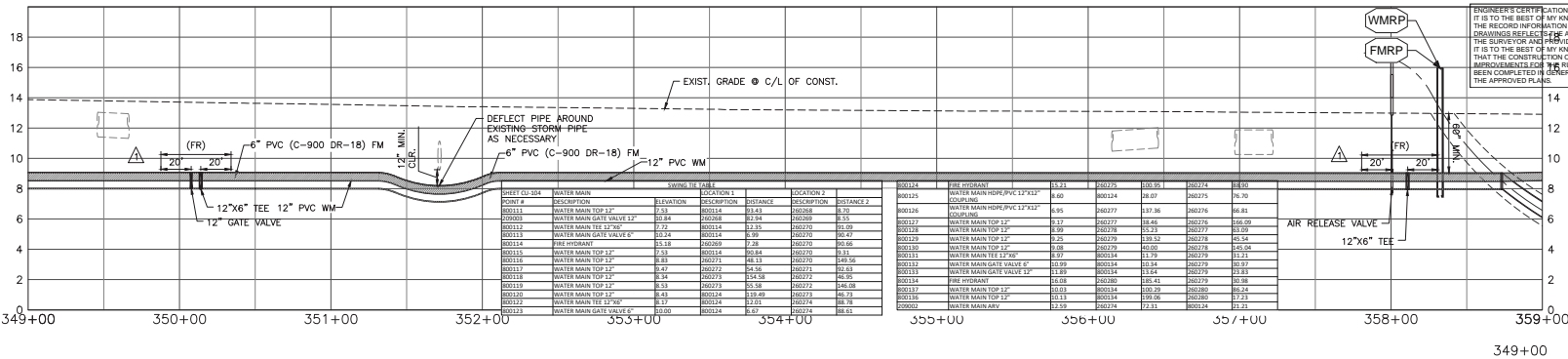




MATCH LINE STA. 349+00  
SEE SHEET CU-103



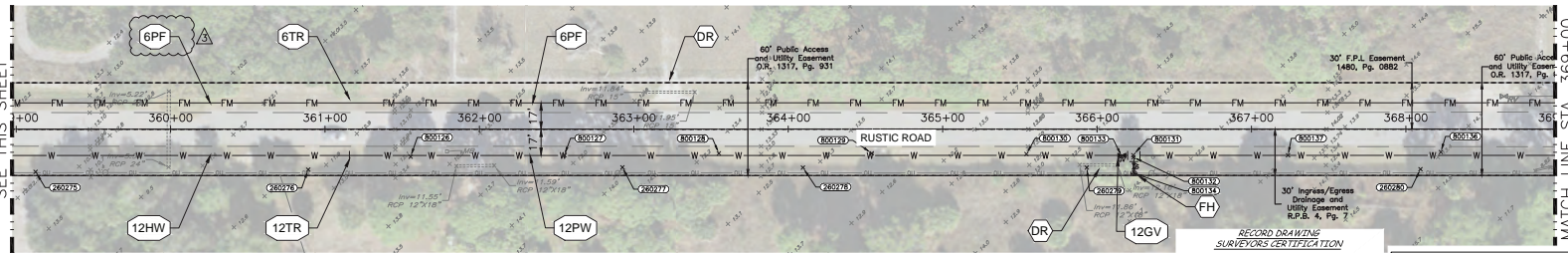
MATCH LINE STA. 359+00  
SEE THIS SHEET



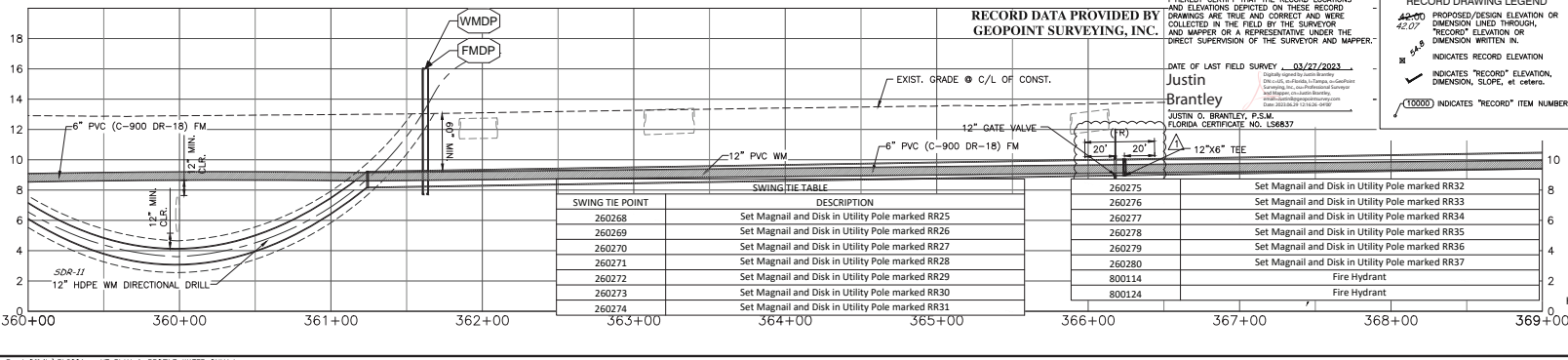
ENGINEER'S CERTIFICATION  
IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS-BUILT DATA OBTAINED BY THE SURVEYOR AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THIS RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.

SHEET NO.	DESCRIPTION	ELEVATION	DESCRIPTION	DISTANCE	LOCATION 2
00111	WATER MAIN	81.31	00114	81.41	00208
00112	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00113	WATER MAIN GATE VALVE 12"	81.31	00114	81.41	00208
00114	WATER MAIN GATE VALVE 6"	81.31	00114	81.41	00208
00115	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00116	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00117	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00118	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00119	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00120	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00121	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00122	WATER MAIN TOP 12"	81.31	00114	81.41	00208
00123	WATER MAIN GATE VALVE 6"	81.31	00114	81.41	00208

MATCH LINE STA. 359+00  
SEE THIS SHEET



MATCH LINE STA. 369+00  
SEE SHEET CU-107



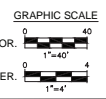
RECORD DATA PROVIDED BY  
GEOPOINT SURVEYING, INC.

I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS DEPICTED ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.  
DATE OF LAST FIELD SURVEY: 03/27/2023  
Justin Brantley  
P.S.M.  
FLORIDA CERTIFICATE NO. 158837

RECORD DRAWING LEGEND  
42.00 PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGHOUT  
42.07 RECORD ELEVATION OR DIMENSION WRITTEN IN  
64.8 INDICATES RECORD ELEVATION  
INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, etc.  
10000 INDICATES "RECORD" ITEM NUMBER

SWING TIE POINT	DESCRIPTION
260268	Set Magnail and Disk in Utility Pole marked RR25
260269	Set Magnail and Disk in Utility Pole marked RR26
260270	Set Magnail and Disk in Utility Pole marked RR27
260271	Set Magnail and Disk in Utility Pole marked RR28
260272	Set Magnail and Disk in Utility Pole marked RR29
260273	Set Magnail and Disk in Utility Pole marked RR30
260274	Set Magnail and Disk in Utility Pole marked RR31

260275	Set Magnail and Disk in Utility Pole marked RR32
260276	Set Magnail and Disk in Utility Pole marked RR33
260277	Set Magnail and Disk in Utility Pole marked RR34
260278	Set Magnail and Disk in Utility Pole marked RR35
260279	Set Magnail and Disk in Utility Pole marked RR36
260280	Set Magnail and Disk in Utility Pole marked RR37
800114	Fire Hydrant
800124	Fire Hydrant



DEVIN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 92518. THESE PLANS HAVE BEEN DIGITALLY SIGNED AND SEALED BY DEVIN M. BROWN, P.E., ON THE DATE INDICATED HEREIN. PRINTED COPIES OF THESE PLANS ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NO.	DATE	DESCRIPTION
03	08/20/21	REDESIGNED ON CITY FEEDBACK
04	07/21/21	REDESIGNED ON CITY FEEDBACK

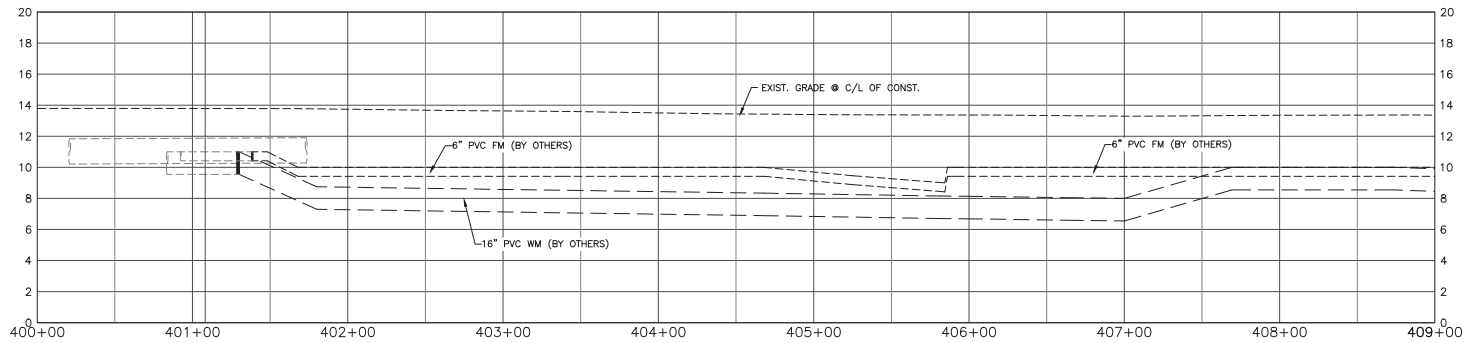
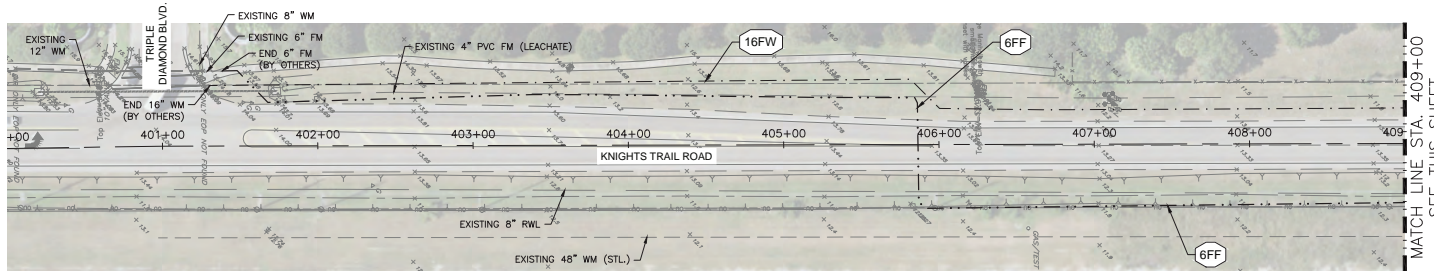
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7819 Merchant Court, Suite B  
Sanatola, FL 34240  
Phone: (941) 526-0813  
www.infrastructure360.com

DRAWING TITLE: UTILITY PLAN AND PROFILE  
PROJECT NO.: JEN001  
DATE: 04/30/21  
SCALE: 1" = 40'  
SHEET NO.: CU-104

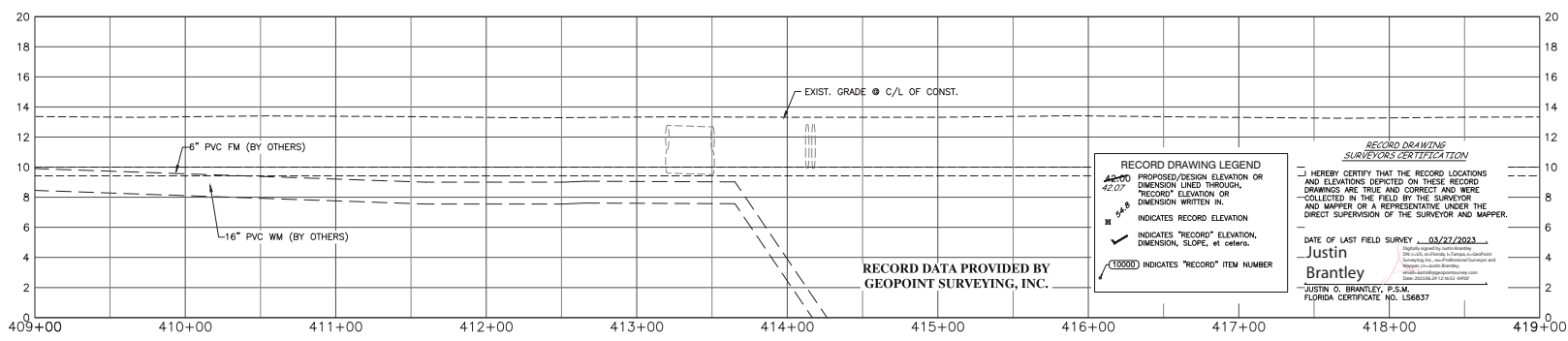
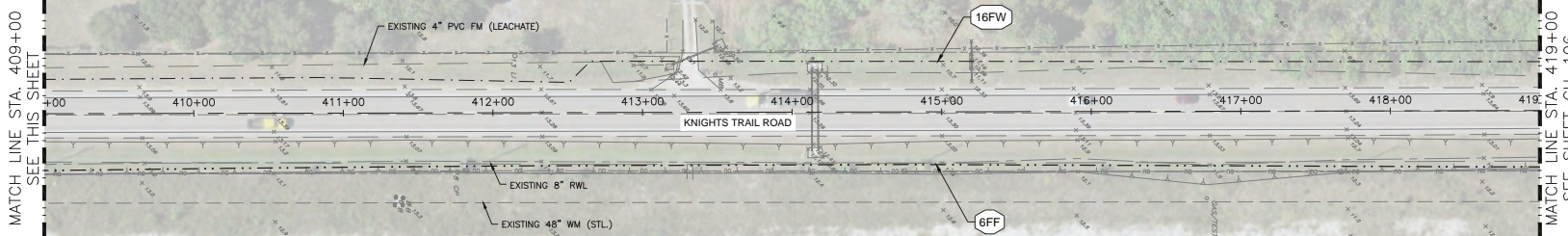
CLIENT: RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS  
JEN TAMPA 1, LLC

PROJECT NO.: JEN001  
DATE: 04/30/21  
SCALE: 1" = 40'  
SHEET NO.: CU-104

CU-104



MATCH LINE STA. 409+00  
SEE THIS SHEET

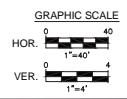


MATCH LINE STA. 419+00  
SEE THIS SHEET

**RECORD DRAWING LEGEND**  
 42.00 PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGH, "RECORD" ELEVATION OR DIMENSION WRITTEN IN.  
 42.07 INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.  
 100000 INDICATES "RECORD" ITEM NUMBER

**RECORD DRAWING SURVEYORS CERTIFICATION**  
 I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS SHOWN ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.  
 DATE OF LAST FIELD SURVEY: 03/21/2023  
 Justin Brantley  
 JUSTIN O. BRANTLEY, P.S.M.  
 FLORIDA CERTIFICATE NO. L56837

RECORD DATA PROVIDED BY  
GEOPOINT SURVEYING, INC.



NO.	DATE	DESCRIPTION

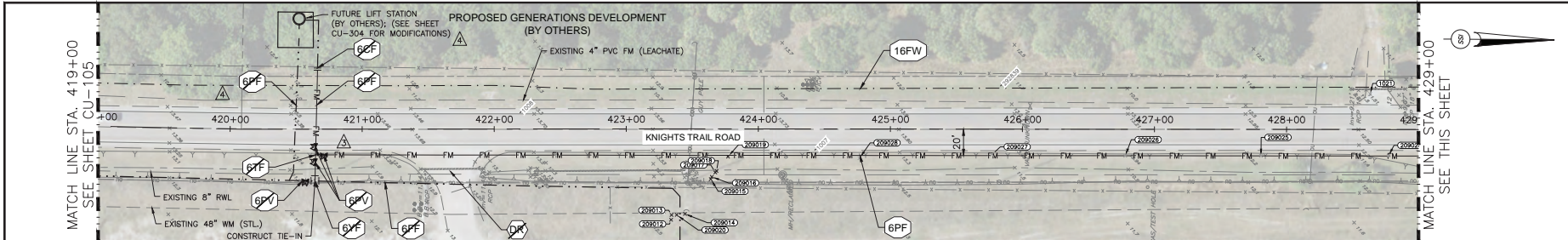
**INFRASTRUCTURE SOLUTION SERVICES**  
 7319 Merchant Court, Suite B  
 Sarasota, FL 34240  
 Phone: (941) 526-0813  
 www.infrastructuresolutions.com

DRAWING TITLE: UTILITY PLAN AND PROFILE  
 PROJECT: RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS  
 CLIENT: JEN TAMPA 1, LLC

PROJECT NO.:	JEN001	PROJ. MGR.:	MWM
DATE:	04/30/21	DRAWN BY:	JWR
SCALE:	1" = 40'	CHKD BY:	MWM
SHEET NO.:			

CU-105

6/14/2023 10:52:21 PM



SWING TIE POINT	DESCRIPTION
260286	Set Magnail and Disk in Utility Pole marked RR43
260287	Set Magnail and Disk in Utility Pole marked RR44
260288	Set Magnail and Disk in Utility Pole marked RR45
260289	Set Magnail and Disk in Utility Pole marked RR46
260290	Set Magnail and Disk in Utility Pole marked RR47
290277	Fire Hydrant

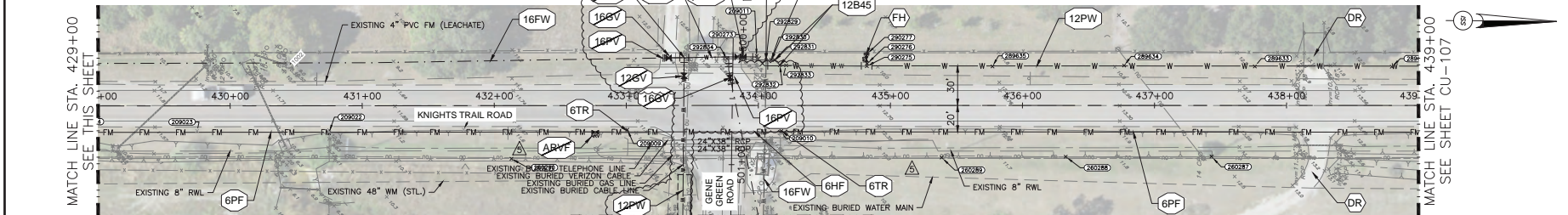
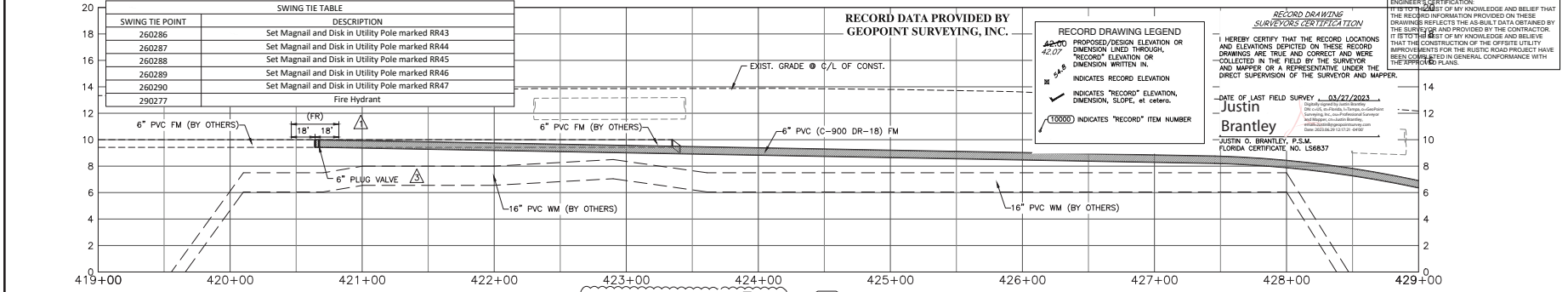
RECORD DATA PROVIDED BY  
GEOPOINT SURVEYING, INC.

**RECORD DRAWING LEGEND**  
 PROPOSED DESIGN ELEVATION OR DIMENSION LINED THROUGH  
 "RECORD" ELEVATION OR DIMENSION WRITTEN IN  
 INDICATES RECORD ELEVATION, DIMENSION, SLOPE, et cetera.  
 [10000] INDICATES "RECORD" ITEM NUMBER

**ENGINEER'S CERTIFICATION:**  
 I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS DEPICTED ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.

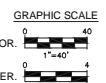
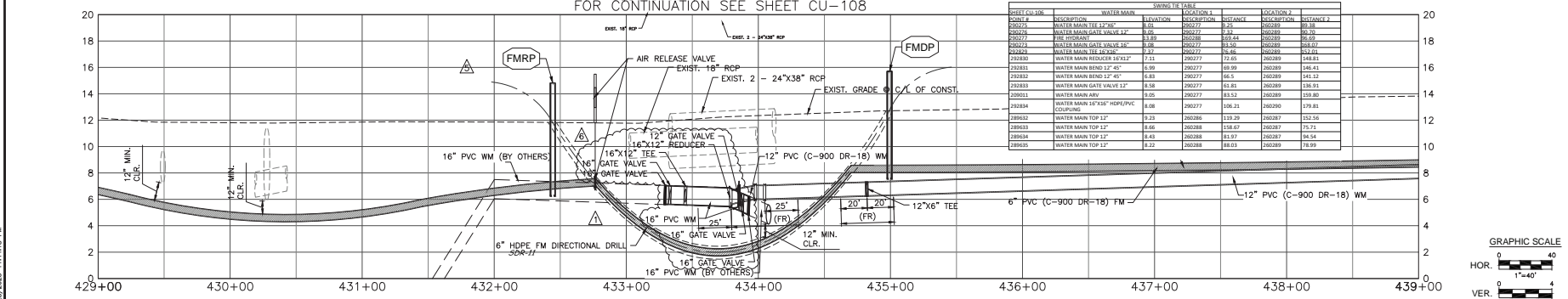
**RECORD DRAWING SURVEYORS CERTIFICATION**  
 I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS DEPICTED ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.

DATE OF LAST FIELD SURVEY: 03/22/2023  
**Justin Brantley**  
 JUSTIN O. BRANTLEY, P.S.M.  
 FLORIDA CERTIFICATE NO. LS6837



FOR CONTINUATION SEE SHEET CU-108

SHEET NO. OR DATE	DESCRIPTION	SWING TIE TABLE	
		ELEVATION	DISTANCE
290277	WATER MAIN TIE 12" 70'	8.05	290277
290278	WATER MAIN TIE 16" 140'	8.05	290278
290279	FIRE HYDRANT	8.05	290279
290280	WATER MAIN GATE VALVE 16"	8.05	290280
290281	WATER MAIN TIE 16" 140'	8.05	290281
290282	WATER MAIN REDUCER 16" X 12"	7.11	290277
290283	WATER MAIN BEND 12" 45'	6.99	290277
290284	WATER MAIN BEND 12" 45'	6.83	290277
290285	WATER MAIN GATE VALVE 12"	6.58	290277
290286	WATER MAIN ADV	9.05	290277
290287	WATER MAIN TIE 12" 70'	8.05	290277
290288	WATER MAIN TIE 12" 70'	8.05	290277
290289	WATER MAIN TIE 12" 70'	8.05	290277
290290	WATER MAIN TIE 12" 70'	8.05	290277
290291	WATER MAIN TIE 12" 70'	8.05	290277
290292	WATER MAIN TIE 12" 70'	8.05	290277
290293	WATER MAIN TIE 12" 70'	8.05	290277
290294	WATER MAIN TIE 12" 70'	8.05	290277
290295	WATER MAIN TIE 12" 70'	8.05	290277
290296	WATER MAIN TIE 12" 70'	8.05	290277
290297	WATER MAIN TIE 12" 70'	8.05	290277
290298	WATER MAIN TIE 12" 70'	8.05	290277
290299	WATER MAIN TIE 12" 70'	8.05	290277
290300	WATER MAIN TIE 12" 70'	8.05	290277



NO.	DATE	DESCRIPTION
06	08/17/22	RE REVISION OF TEMPORARY WATER MAIN CONNECTION
05	06/07/22	RE REVISION BASED ON CITY FEEDBACK
04	10/10/21	RE REVISION BASED ON CITY FEEDBACK
03	08/03/21	RE REVISION BASED ON CITY FEEDBACK
02	07/12/21	RE REVISION BASED ON CITY FEEDBACK
01		

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 Sarasota, FL 34240  
 Phone: (941) 526-0813  
 www.infrastructuresolutions.com

**UTILITY PLAN AND PROFILE**  
**RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS**  
 CLIENT: JEN TAMPA 1, LLC

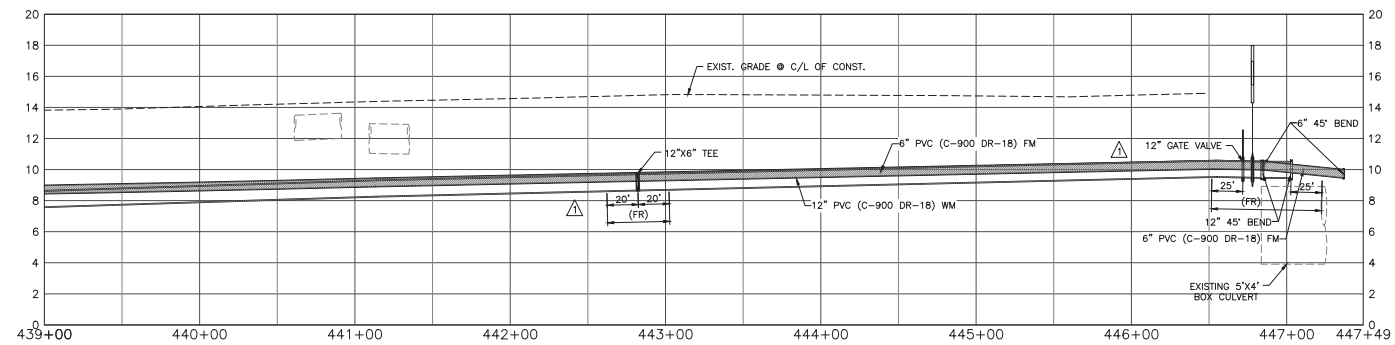
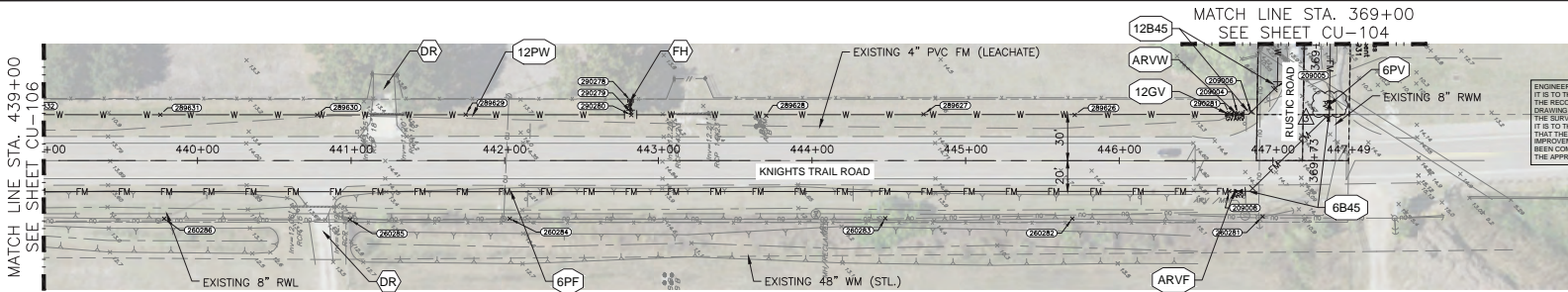
PROJECT NO.	PROJ. MGR.
JEN001	MWM
DATE	DRWN BY
04/30/21	JWR
SCALE	CRD BY
1" = 40'	MWM
SHEET NO.	
CU-106	

**CU-106**

6/29/2023 11:46:18 AM

DEVIN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 88918. THIS DRAWING HAS BEEN DIGITALLY SIGNED AND SEALED BY DEVIN M. BROWN, P.E. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

MATCH LINE STA. 439+00  
SEE SHEET CU-106



SWING TIE TABLE	
SWING TIE POINT	DESCRIPTION
260281	Set Magnail and Disk in Utility Pole marked RR38
260282	Set Magnail and Disk in Utility Pole marked RR39
260283	Set Magnail and Disk in Utility Pole marked RR40
260284	Set Magnail and Disk in Utility Pole marked RR41
260285	Set Magnail and Disk in Utility Pole marked RR42
260286	Set Magnail and Disk in Utility Pole marked RR43
290278	Fire Hydrant

SWING TIE TABLE					
POINT #	DESCRIPTION	ELEVATION	DESCRIPTION	DISTANCE 1	DISTANCE 2
290278	WATER MAIN GATE VALVE 12"	87.26	290282	134.80	290282
290280	WATER MAIN TEE 12" 20'	88.18	290284	103.85	290285
290279	WATER MAIN GATE VALVE 6"	87.48	290280	104.80	290281
290278	WATER MAIN KEY	87.84	290284	109.88	290285
290286	WATER MAIN BEND 45° 20'	87.84	290280	105.08	290282
290286	WATER MAIN BEND 12° 25'	87.73	290281	88.31	290282
290286	WATER MAIN TOP 12"	87.28	290280	104.08	290282
290287	WATER MAIN TOP 12"	88.51	290281	77.09	290282
290288	WATER MAIN TOP 12"	87.48	290280	102.28	290278
290289	WATER MAIN TOP 12"	101.01	290284	73.51	290285
290290	WATER MAIN TOP 12"	87.81	290286	120.36	290285
290291	WATER MAIN TOP 12"	87.55	290286	87.62	290285

MATCH LINE STA. 369+00  
SEE SHEET CU-104

ENGINEER'S CERTIFICATION:  
IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS-BUILT DATA OBTAINED BY THE SURVEYOR AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.

DEVIN M. BRUNY, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 8830. THE ITEMS HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY DEVIN M. BRUNY, P.E. ON THE DATE INDICATED HEREIN. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED VALID UNLESS THEY ARE SEALED AND THE SIGNATURE HAS BEEN VERIFIED ON ANY ELECTRONIC COPIES.

NO.	DATE	DESCRIPTION
03	08/02/21	REDESIGNED ON-CITY FEEDBACK
04	07/27/21	REDESIGNED ON-CITY FEEDBACK

**INFRASTRUCTURE SOLUTION SERVICES**  
7319 Merchant Court, Suite B  
Sanatoga, FL 32440  
Phone: (941) 526-0813  
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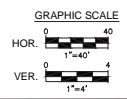
DRAWING TITLE: UTILITY PLAN AND PROFILE  
PROJECT: RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS  
CLIENT: JEN TAMPA 1, LLC

PROJECT NO.	PROJ. MGR.
JEN001	MWM
DATE:	DRAWN BY:
04/30/21	JWR
SCALE:	CRD. BY:
1" = 40'	MWM
SHEET NO.:	TOTAL SHEETS:
CU-107	1

**RECORD DRAWING LEGEND**

**RECORD DRAWING SURVEYORS CERTIFICATION**  
I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS SHOWN ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.

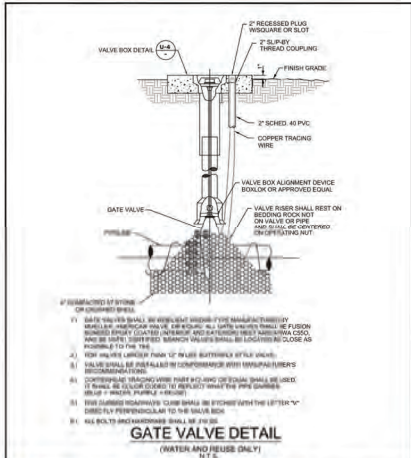
DATE OF LAST FIELD SURVEY: 03/27/2023  
Justin Brantley  
JUSTIN G. BRANTLEY, P.S.M.  
FLORIDA CERTIFICATE NO. 158673



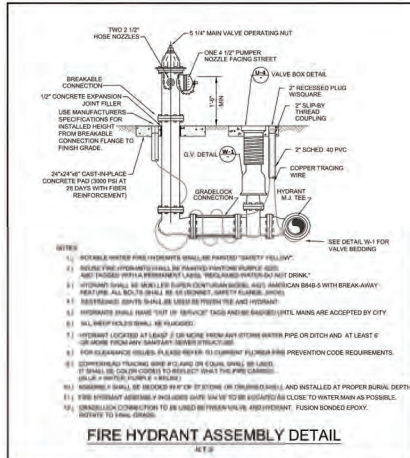
RECORD DATA PROVIDED BY  
GEOPOINT SURVEYING, INC.

6/29/2023 11:53:36 AM

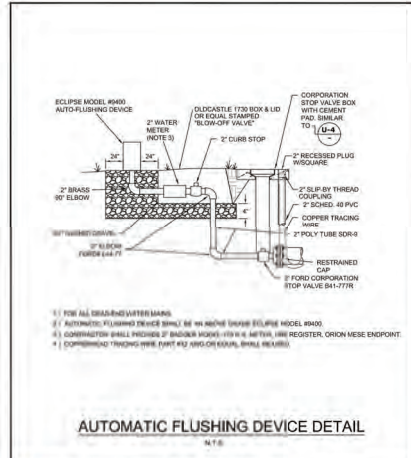




	CITY OF VENICE ENGINEERING DEPARTMENT	UTILITIES - WATER	DATE JAN 2021
	901 WEST VENICE AVE. VENICE, FL 33596 (941) 884-3225 FAX (941) 884-3227	GATE VALVE	SHEET NO. W-1



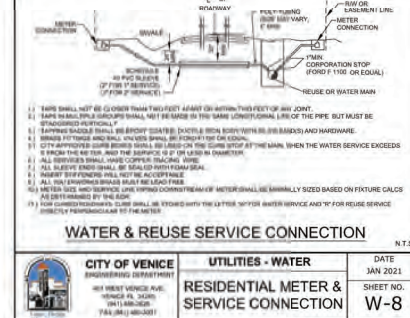
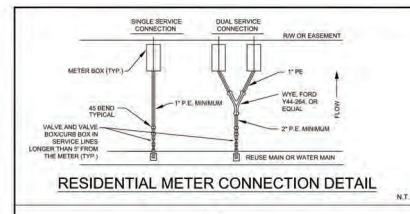
	CITY OF VENICE ENGINEERING DEPARTMENT	UTILITIES - WATER	DATE JAN 2021
	901 WEST VENICE AVE. VENICE, FL 33596 (941) 884-3225 FAX (941) 884-3227	FIRE HYDRANT ASSEMBLY	SHEET NO. W-2



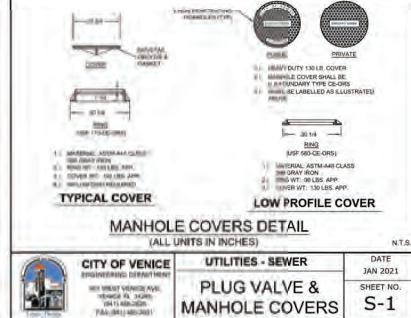
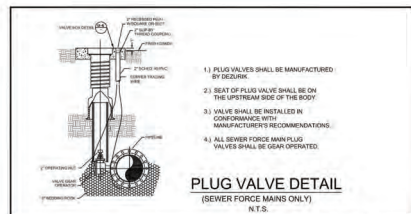
	CITY OF VENICE ENGINEERING DEPARTMENT	UTILITIES - WATER	DATE JAN 2021
	901 WEST VENICE AVE. VENICE, FL 33596 (941) 884-3225 FAX (941) 884-3227	AUTOMATIC FLUSHING DEVICE	SHEET NO. W-3



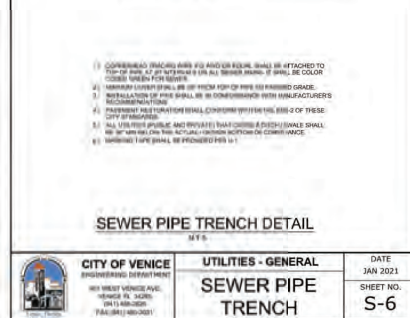
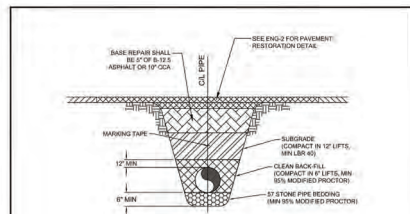
	CITY OF VENICE ENGINEERING DEPARTMENT	UTILITIES - WATER	DATE JAN 2021
	901 WEST VENICE AVE. VENICE, FL 33596 (941) 884-3225 FAX (941) 884-3227	RESIDENTIAL WATER & FIRE METER	SHEET NO. W-6



	CITY OF VENICE ENGINEERING DEPARTMENT	UTILITIES - WATER	DATE JAN 2021
	901 WEST VENICE AVE. VENICE, FL 33596 (941) 884-3225 FAX (941) 884-3227	RESIDENTIAL METER & SERVICE CONNECTION	SHEET NO. W-8



	CITY OF VENICE ENGINEERING DEPARTMENT	UTILITIES - SEWER	DATE JAN 2021
	901 WEST VENICE AVE. VENICE, FL 33596 (941) 884-3225 FAX (941) 884-3227	PLUG VALVE & MANHOLE COVERS	SHEET NO. S-1



	CITY OF VENICE ENGINEERING DEPARTMENT	UTILITIES - GENERAL	DATE JAN 2021
	901 WEST VENICE AVE. VENICE, FL 33596 (941) 884-3225 FAX (941) 884-3227	SEWER PIPE TRENCH	SHEET NO. S-6

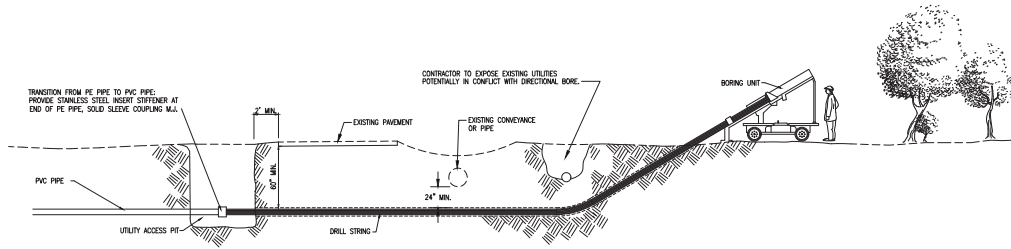
ENGINEER'S CERTIFICATION:  
IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS-BUILT DATA OBTAINED BY THE SURVEYOR AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.

DEVIN W. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 12574, HAS REVIEWED THESE DRAWINGS AND BEEN DIGITALLY SIGNED AND READED BY DEVIN W. BROWN, P.E. ON THE DATE INDICATED HERE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE REPRODUCED ON ANY ELECTRONIC COPIES.

CO	0008021	REVISED BASED ON CITY FEEDBACK
NO		DATE
		DESCRIPTION

7319 Merchant Court, Suite B  
 Sarasota, FL 34240  
 Phone: (941) 526-0813  
 www.infrastructuresolutions.com

DRAWING TITLE: UTILITY DETAILS RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS	CLIENT: JEN TAMPA 1, LLC
PROJECT NO: JEN001	PROJ. MGR: MWM
DATE: 04/30/21	DRAWN BY: JWR
SCALE: AS NOTED	CRD BY: MWM
SHEET NO. CU-302	



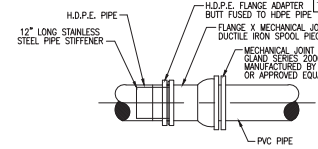
TRANSITION FROM PE PIPE TO PVC PIPE. PROVIDE STAINLESS STEEL INSERT STIFFENER AT END OF PE PIPE. SLOTTED COUPLING WILL.

\* HIGH DENSITY POLYETHYLENE PIPE WILL BE CAST IRON OUTSIDE DIAMETER BRIDGEPIPE 1200 SERIES, SDR 11, CLASS 100, OR APPROVED EQUIVALENT, CONFORMING TO ASTM D-3502; TENSILE STRENGTH OF 3,200 P.S.I.; FLOW MODULUS OF 130,000 P.S.I.; AND U-V STABILIZER OF 2.0%.

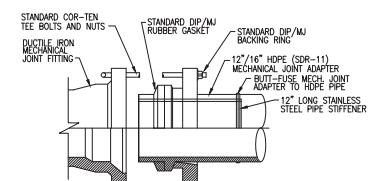
**DIRECTIONAL DRILL DETAIL**

ENGINEER'S CERTIFICATION:  
IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE AS-BUILT DATA OBTAINED BY THE SURVEYOR AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.

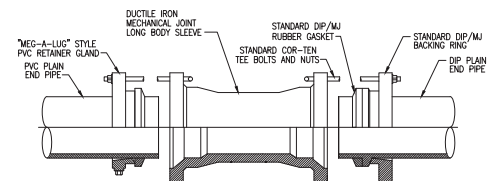
DEVYN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 8089. THIS DESIGN HAS BEEN DIGITALLY SIGNED AND SEALED BY DEVYN M. BROWN, P.E., ON THE DATE INDICATED HEREIN. PRINTED COPIES OF THIS DOCUMENT AND ANY CORRECTED, SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED BY ANY ELECTRONIC COPIES.



**H.D.P.E.-TO-P.V.C. TRANSITION**  
N.T.S.

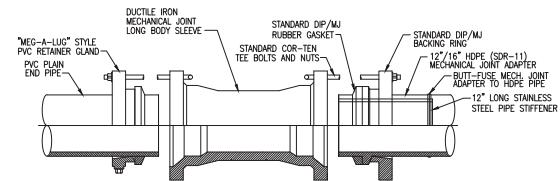


**H.D.P.E. TO D.I. FITTING**  
N.T.S.



NOTE:  
PROVIDE REIBER STYLE GASKETS WITH APPROPRIATE I.D. TO O.D. RELATIONSHIP FOR CORESPONDING PIPE MATERIAL.

**P.V.C. TO D.I.P. TRANSITION**  
N.T.S.



NOTE:  
PROVIDE REIBER STYLE GASKETS WITH APPROPRIATE I.D. TO O.D. RELATIONSHIP FOR CORESPONDING PIPE MATERIAL.

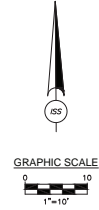
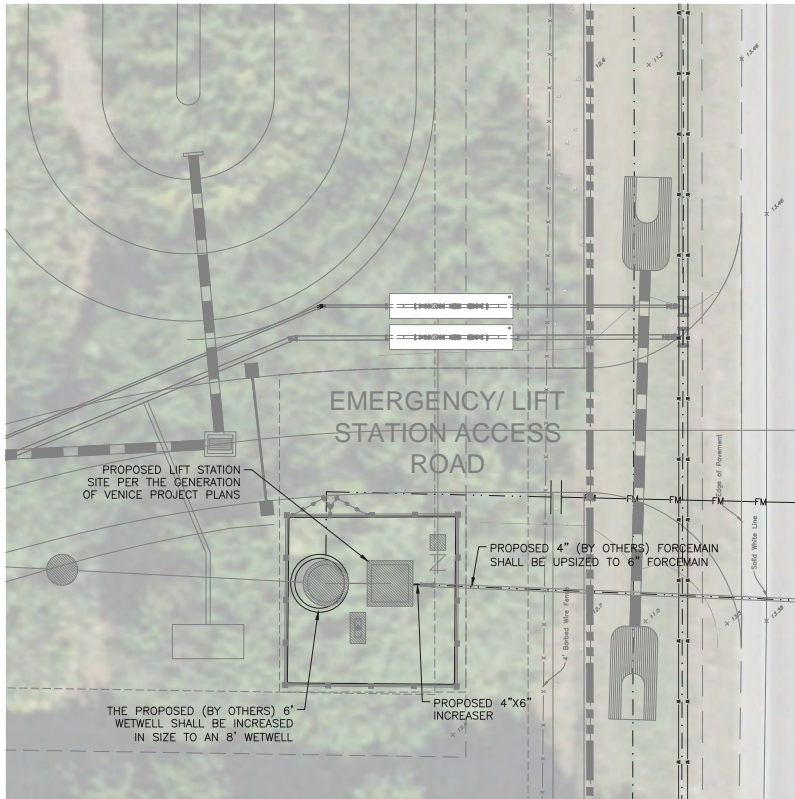
**P.V.C. TO H.D.P.E. TRANSITION**  
N.T.S.

NO.	DATE	DESCRIPTION
03	04/30/21	REVISED BASED ON CITY FEEDBACK

**INFRASTRUCTURE SOLUTION SERVICES**  
7319 Merchant Court, Suite B  
Sanatoga, FL 32440  
Phone: (941) 526-0913  
www.infrastructures.com

DRAWING TITLE:	UTILITY DETAILS
PROJECT NO.:	JEN001
DATE:	04/30/21
SCALE:	AS NOTED
SHEET NO.:	CU-303
PROJECT MGR.:	MWM
DRAWN BY:	JWR
CLIENT:	JEN TAMPA 1, LLC
PROJECT MGR.:	MWM
CLIENT:	JEN TAMPA 1, LLC

4/7/2023 3:40:15 PM

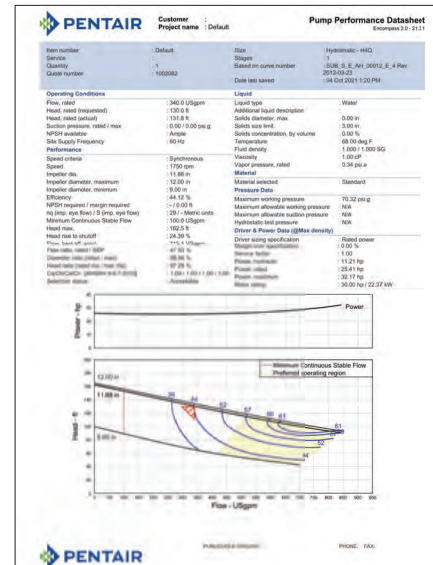
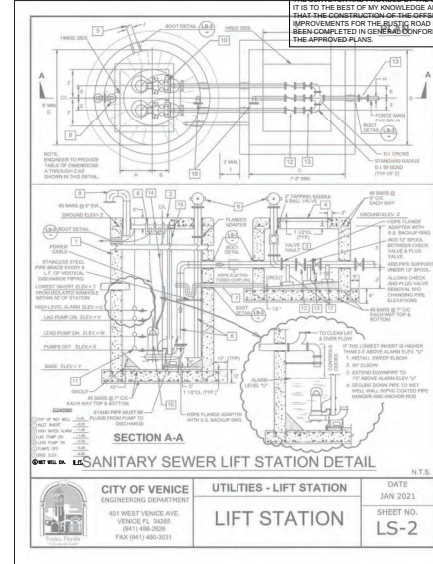


**LIFT STATION PLAN**

**LIFT STATION MODIFICATION NOTES**

- REFER TO PROJECT PLANS FOR GENERATION AT VENICE PREPARED BY KIMLEY-HORN AND ASSOCIATES FOR DETAILED LIFT STATION DESIGN.
- ALL CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE CITY OF VENICE UTILITIES DEPARTMENT.
- THE LIMITED ADJUSTMENTS SHOWN HEREON ARE PART OF THE RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS AND SHALL BE COORDINATED WITH THE GENERATION AT VENICE PROJECT TO FACILITATE A COMPREHENSIVE AND COMPLETE INSTALLATION FOR THE PROPOSED CONDITIONS.
- THE LIFT STATION MODIFICATIONS SHOWN AS PART OF THE RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS ARE LIMITED TO AN INCREASE IN WETWELL DIAMETER (6" TO 8"), AN UPSIZE IN PUMPS, AND AN INCREASE IN FORECMAIN SIZE (4" TO 6"); THE BALANCE OF THE IMPROVEMENTS SHALL REMAIN CONSISTENT WITH THE GENERATION OF VENICE DESIGN (BY OTHERS).

**ENGINEER'S CERTIFICATION**  
IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE RECORD INFORMATION PROVIDED ON THESE DRAWINGS REFLECTS THE ACTUAL DATA OBTAINED BY THE SURVEYORS AND PROVIDED BY THE CONTRACTOR. IT IS TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE CONSTRUCTION OF THE OFFSITE UTILITY IMPROVEMENTS FOR THE RUSTIC ROAD PROJECT HAVE BEEN COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS.



DEVIN M. BROWN, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 8888. THIS ITEM HAS BEEN REVIEWED BY THE ENGINEER AND SEALED BY DEVIN M. BROWN, P.E. ON THE DATE INDICATED HERE. THIS DOCUMENT IS NOT TO BE CONSIDERED A FINAL DESIGN AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

04	10/15/21	DETAIL SHEETS ADDED
03	09/08/21	REVISED BASED ON CITY FEEDBACK
NO.	DATE	DESCRIPTION

**INFRASTRUCTURE SOLUTION SERVICES**

**ISS**

7319 Michant Court, Suite B  
Sanatola, FL 34240  
Phone: (941) 526-0913  
www.infrastructureSS.com

**UTILITY DETAILS**  
**RUSTIC ROAD OFFSITE UTILITY IMPROVEMENTS**  
**JEN TAMPA 1, LLC**

CLIENT

PROJECT NO.	PROJ. MGR.
JEN001	MWM
DATE:	DRWN BY:
04/30/21	JWR
SCALE:	CRDR BY:
AS NOTED	MWM
SHEET NO.	

**CU-304**