

WATER, SEWER AND RECLAIM RECORD DRAWING

March 30, 2021
Venice, Florida
City on the Galf

APPROVED

RECORD DRAWINGS

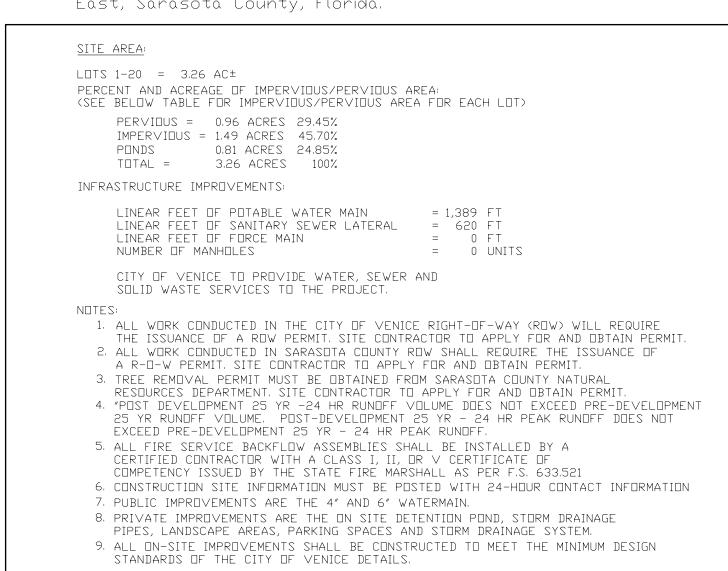
DEVELOPER:

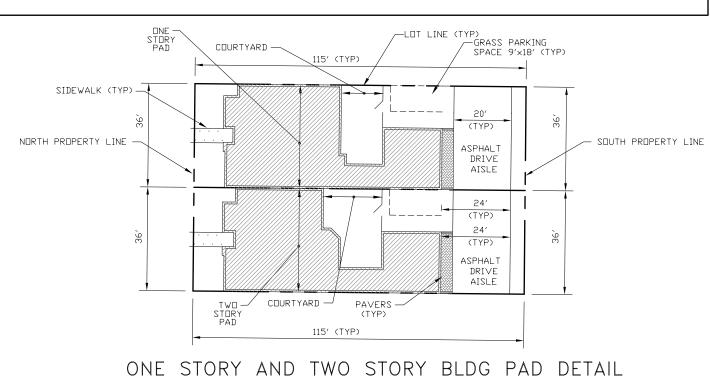
MPS DEVELOPMENT AND CONSTRUCTION, LLC 333 SOUTH TAMIAMI TRAIL, SUITE 205 VENICE, FL. 34285

LEGAL DESCRIPTION:

Lots 1 thru 49 inclusive, Block 229, Replat of a Portion of the; VENICE, NORTH EDGEWOOD SECTION, as recorded in Plat Book 10, Page 94, of the Public Records of Sarasota County, Florida

Being in Section 8, Township 39 South, Range 19 East, Sarasota County, Florida.





N. 1 . 3.

LOT IMPERVIOUS/PERVIOUS AREA TABLE

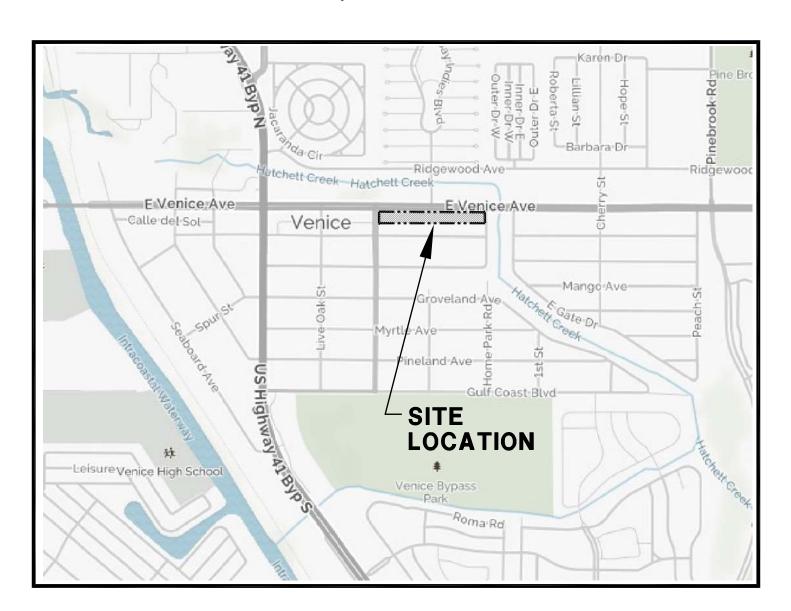
LOT NO.	LOT AREA	HOUSE PAD	SIDEWALK	DRIVE AISLE	PAVERS	GRASS PARKING	COURTYARD*	PERVIOUS
1	5,335,44 S.F.	2,001.52 S.F.	66.13 S.F.	937.96 S.F.	85.34 S.F.	162.00 S.F.	387,81 S.F.	1,694.68 S.F.
2	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85,34 S.F.	162.00 S.F.	387,81 S.F.	717.20 S.F.
3	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387,81 S.F.	717.20 S.F.
4	4,140.00 S.F.	1,904.75 S.F.	69.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	479.12 S.F.	719.66 S.F.
5	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
6	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
7	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
8	4,140.00 S.F.	1,904.75 S.F.	69.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	479.12 S.F.	719.66 S.F.
9	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
10	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
11	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85,34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
12	4,140.00 S.F.	1,904.75 S.F.	69.13 S.F.	720.00 S.F.	85,34 S.F.	162.00 S.F.	479.12 S.F.	719.66 S.F.
13	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85,34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
14	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
15	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
16	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
17	4,140.00 S.F.	1,904.75 S.F.	69.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	479.12 S.F.	719.66 S.F.
18	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
19	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.
20	4,140.00 S.F.	2,001.52 S.F.	66.13 S.F.	720.00 S.F.	85.34 S.F.	162.00 S.F.	387.81 S.F.	717.20 S.F.

^{*}COURTYARD MAY BE EITHER POOL AND DECK / CONCRETE PATIO / CABANA / SPA.

(THE ENTIRE COURTYARD HAS BEEN CONSIDERED IMPERVIOUS (WORST CASE SCENARIO))

OWNER:

EDGEWOOD GARDENS CORP. 18924 CRESCENT RD. ODESSA, FL. 33556



LOCATION MAP

SECTION 8 TOWNSHIP 39S RANGE 19E

CITY OF VENICE NOTES

 A. ALL IMPROVEMENTS INCLUDING UTILITIES, WHETHER PUBLIC OR PRIVATE SHALL MEET THE LATEST VERSION OF THE CITY STANDARD DETAILS.
 B. CONTACT PUBLIC WORKS SOLID WASTE DIVISION (941-486-2422) FOR APPROVAL OF

DUMPSTER LOCATION AND LAYOUT PRIOR TO CONSTRUCTION.

UTILITIES

TECO PEOPLES GAS 702 NORTH FRANKLIN STREET P.O. BOX 2562 TAMPA, FL. 33601-2562		WATER AND SEWER CITY OF VENICE 401 WEST VENICE AVE VENICE, FL. 34285
VERIZON ENGINEERING 1701 RINGLING BOULEVARD SARASOTA, FL 34230	COMCAST CABLEVISION OF WEST FLORIDA, I 5205 FRUITVILLE ROAD SARASOTA, FL 34232	NC.

SAG

NO. DATE BY

11-10-18

5-8-19

7-8-20

10-21-20

11-25-20

REVISED AS PER CITY OF VENICE COMMENTS
REVISE POND AS PER OWNER'S REQUEST.
REVISE CITY OF VENICE NOTE #7 AS PER CITY COMMENTS.
CONSTRUCTION PLAN MODIFICATION REVISED STORM DRAINAGE PIPE AT HOME PARK ROAD.
REVISED COVER SHEET FOR RECORD DRAWINGS
REVISED COVER SHEET FOR RECORD DRAWINGS

CIVIL ENGINEER

PROFESSIONAL ENGINEERING RESOURCES, INC. 10225 ULMERTON ROAD, SUITE 4D LARGO, FL. 33771 (727) 408-5207

SURVEYOR

BRITT SURVEYING, INC.
606 CYPRESS AVE.
VENICE, FL. 34285 (941) 493-1396

LANDSCAPE ARCHITECT

HAZELTINE NURSERIES, INC. P.O. BOX 236 VENICE, FL. 34292 (941) 485-1272

INDEX:

- 1. COVER SHEET
- 2. EXISTING UTILITY PLAN
- 3. EXISTING TREE PLAN
- 4. EXISTING TOPOGRAPHY PLAN
- 5. SITE, SIGNAGE AND STRIPING PLAN
- 6. WATER AND SANITARY SEWER PLAN
- 7. DRAINAGE PLAN
- 8. GRADING PLAN
- 9. PRELIMINARY PLAT
- 10. SURVEY
- 11. BUILDING FOOTPRINT PLAN
- 12. MASTER UTILITY PLAN
- 13. LIGHTING PLAN
- 14. TREE REMOVAL PLAN
- 15. FIRE TRUCK TURNING MOVEMENT
- 16. REFUSE TRUCK TURNING MOVEMENT
- 17. EROSION CONTROL (BMP) PLAN
- 18. GENERAL AND CONSTRUCTION NOTES
- 19-20C. PAVING, GRADING AND DRAINAGE DETAILS
- 21. CITY OF VENICE PAVING GRADING AND DRAINAGE DETAILS
- 22-23. CITY OF VENICE WATER AND SEWER DETAILS
- 24. WATERMAIN PLAN AND PROFILE
- LS-1-LS-6. PROPOSED LANDSCAPE PLAN
 IR-1-IR-6. PROPOSED IRRIGATION PLAN

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY PAUL V. SHERMA, PE. ON THE DATE ADJACENT TO THE SEAL USING A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES, 8-29-18.

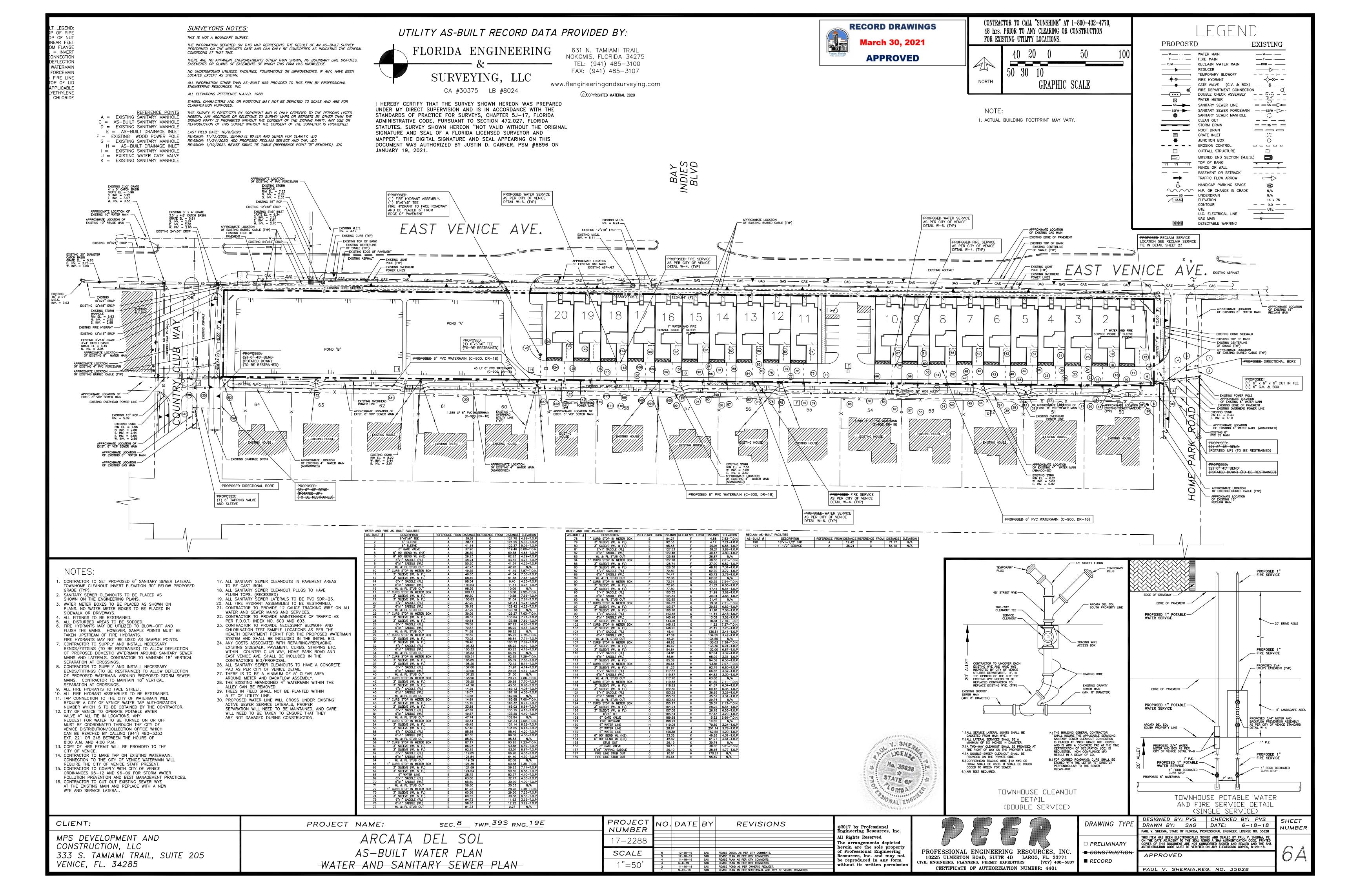
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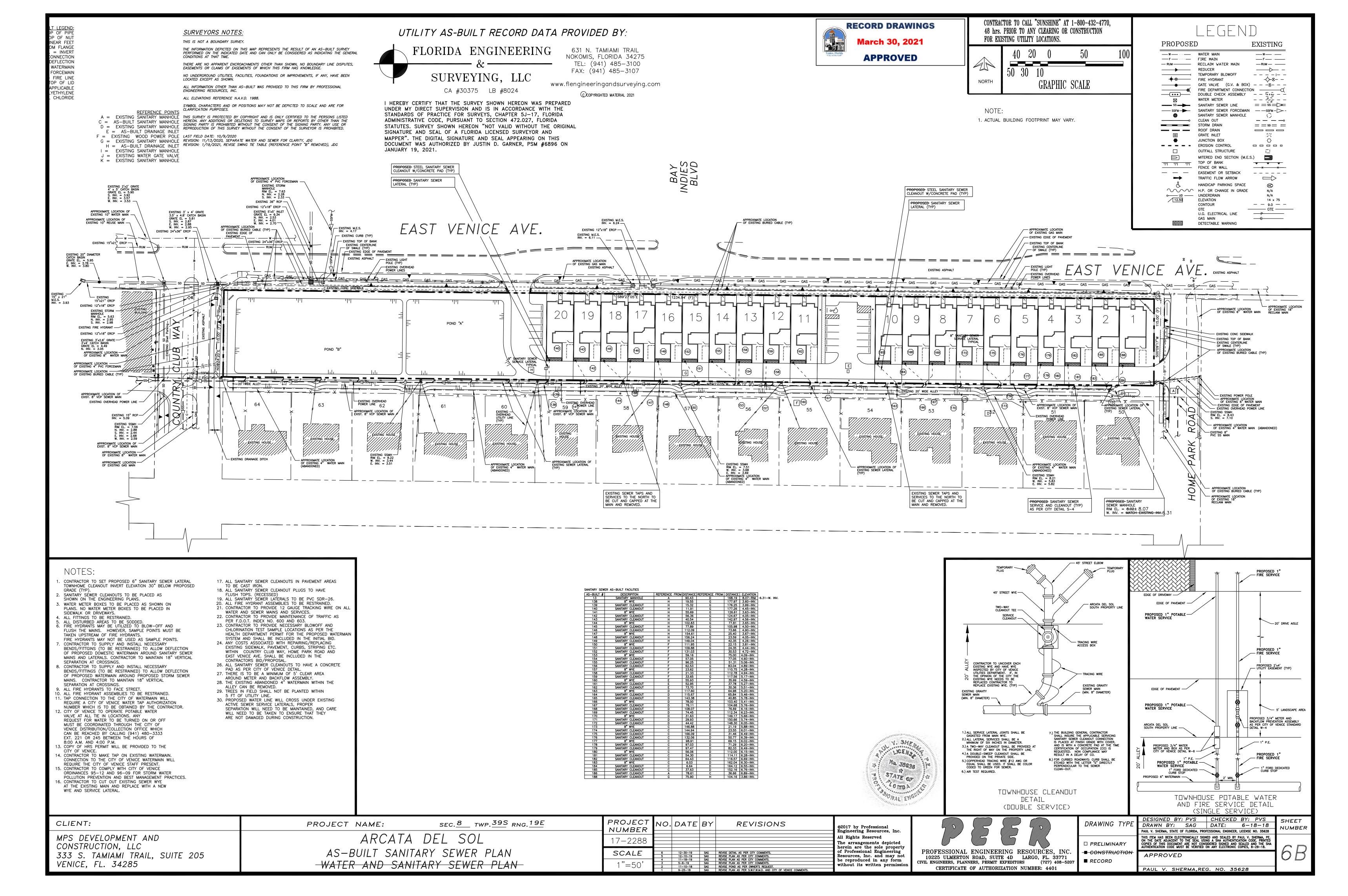
PAUL V. SHERMA, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 35628

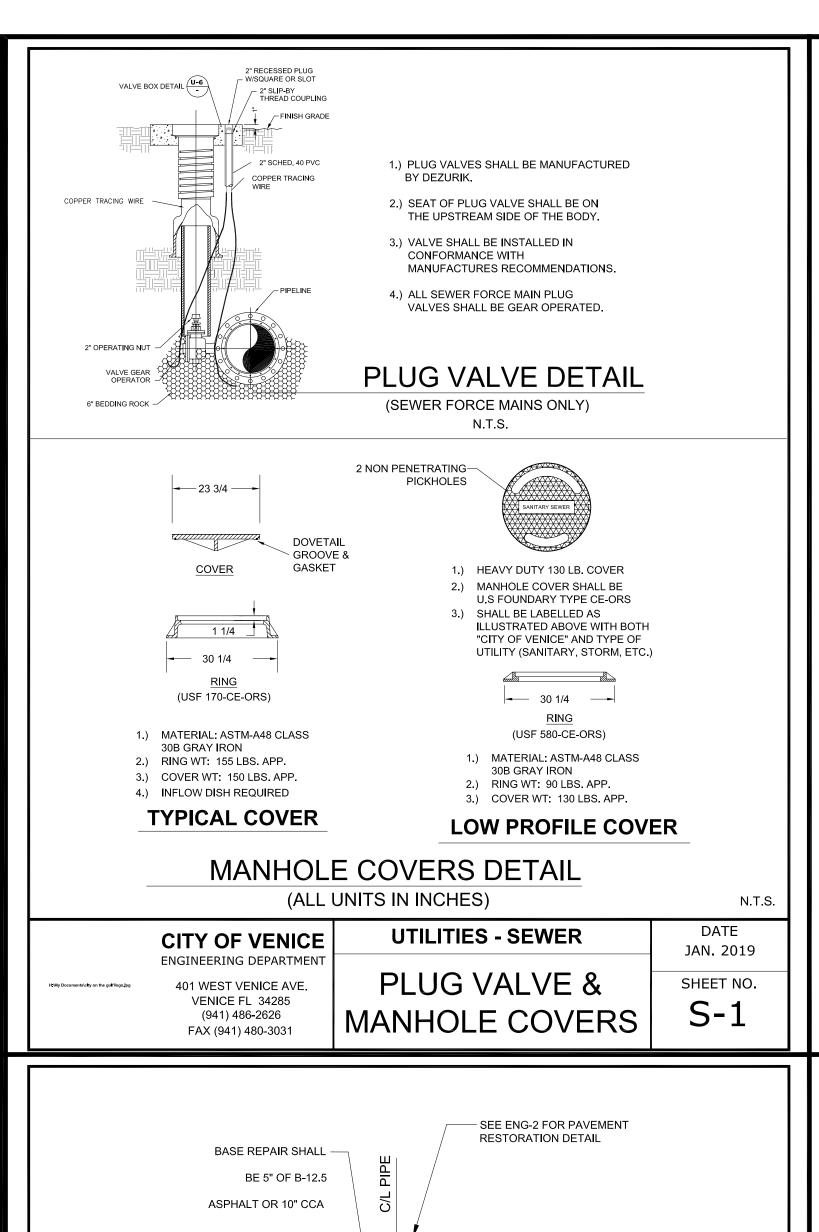
Ma. 35528

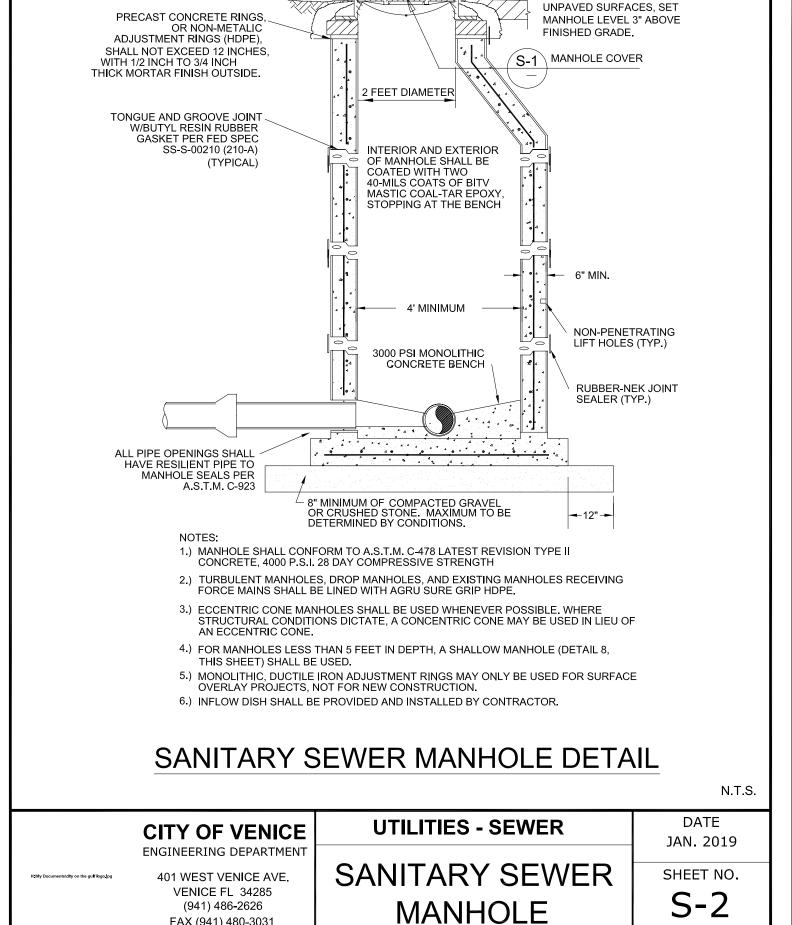
STATE OF

PAUL V. SHERMA,REG. NO. 35628









EXISTING MAIN

SLEEVE

VALVE

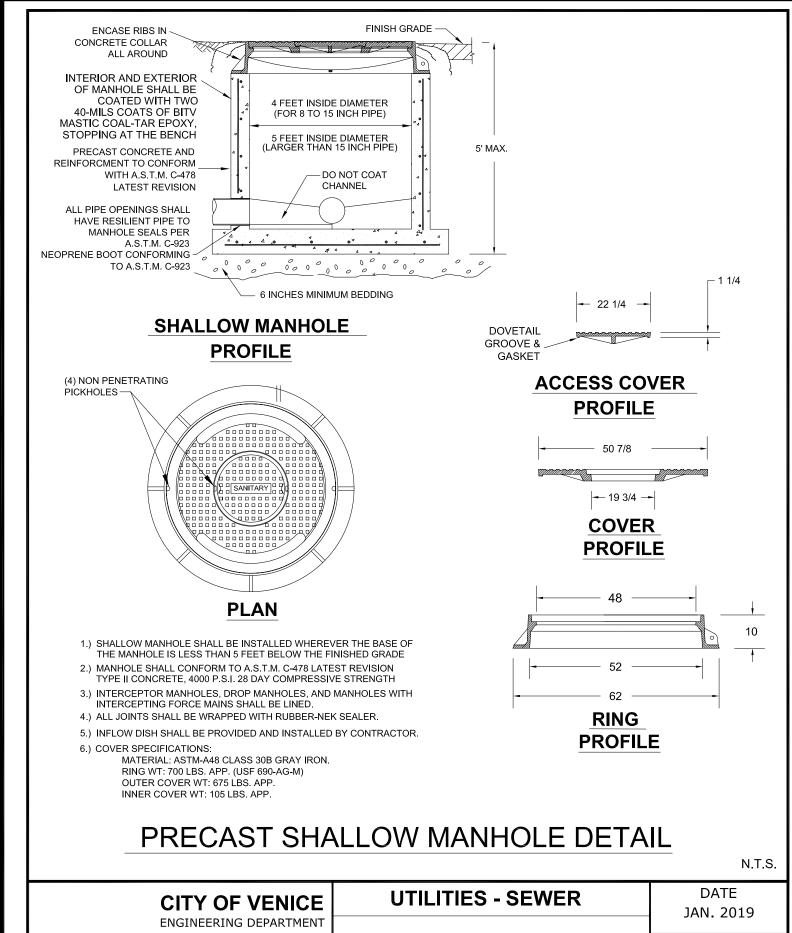
PROPOSED MAIN

FAX (941) 480-3031

FOR PAVED SURFACES, SET

MANHOLE LEVEL WITH

FINISHED GRADE. FOR



PRECAST SHALLOW

401 WEST VENICE AVE.

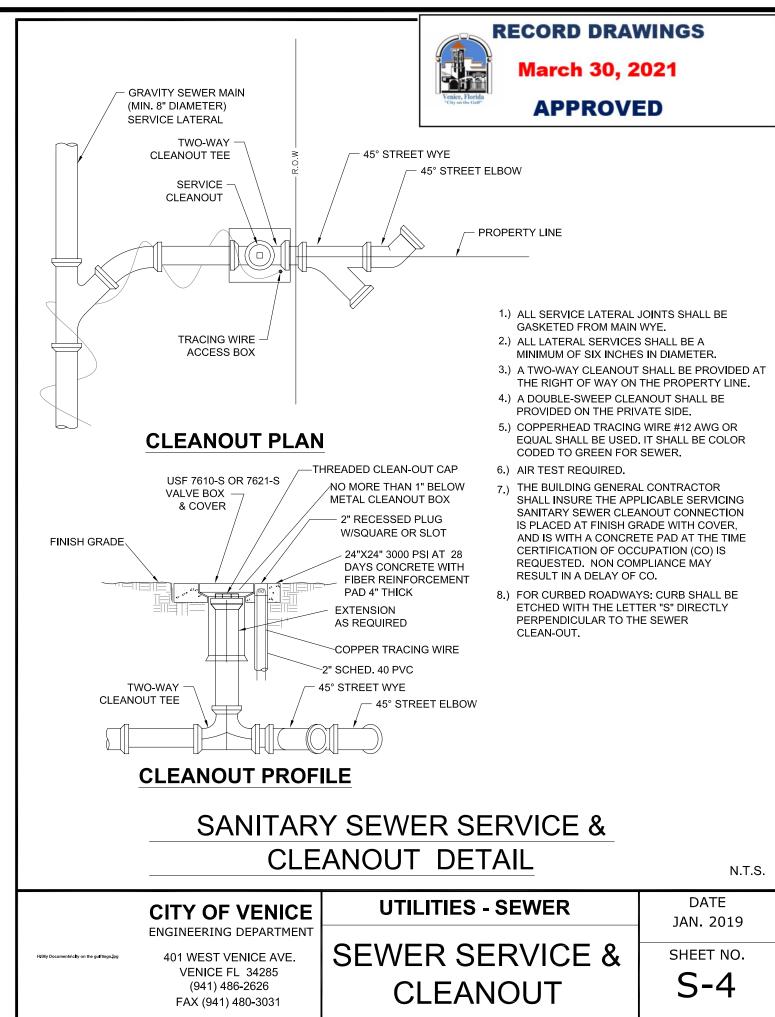
VENICE FL 34285

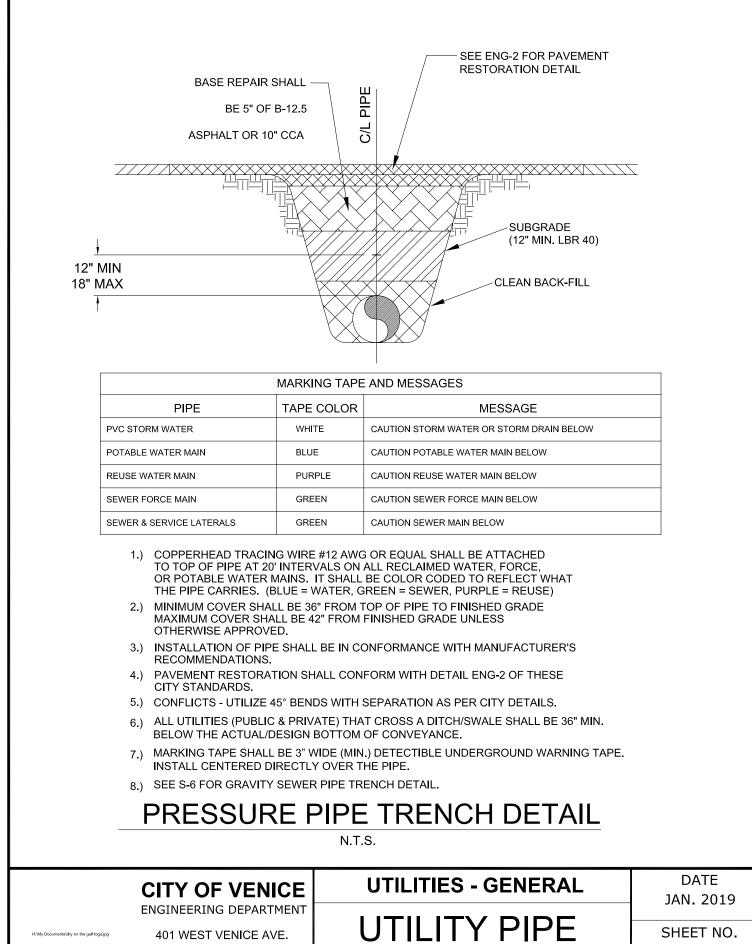
(941) 486-2626

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FAX (941) 480-3031

SHEET NO.





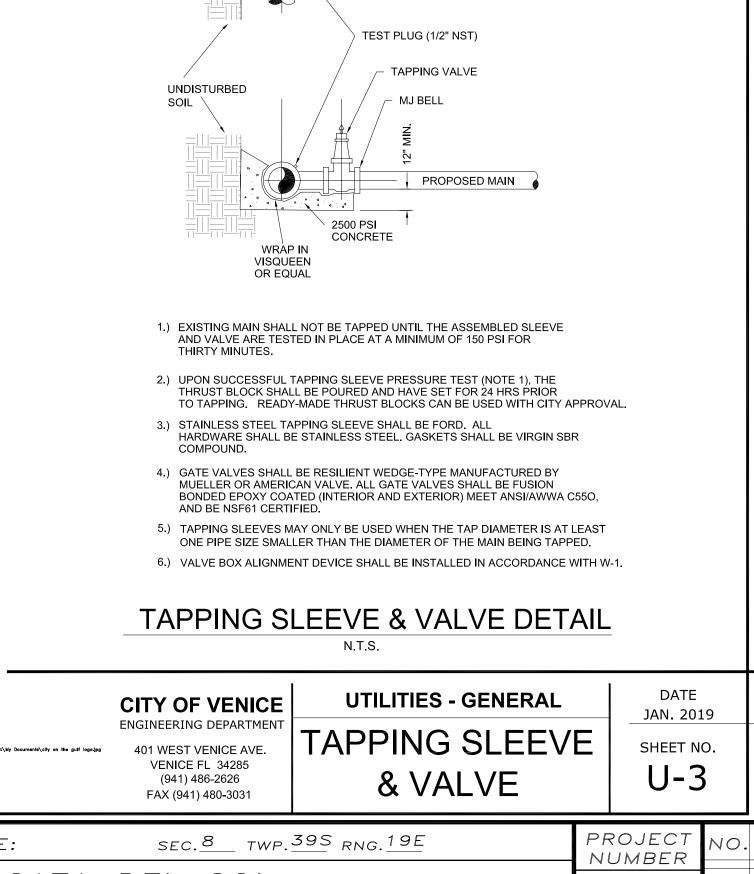
TRENCH

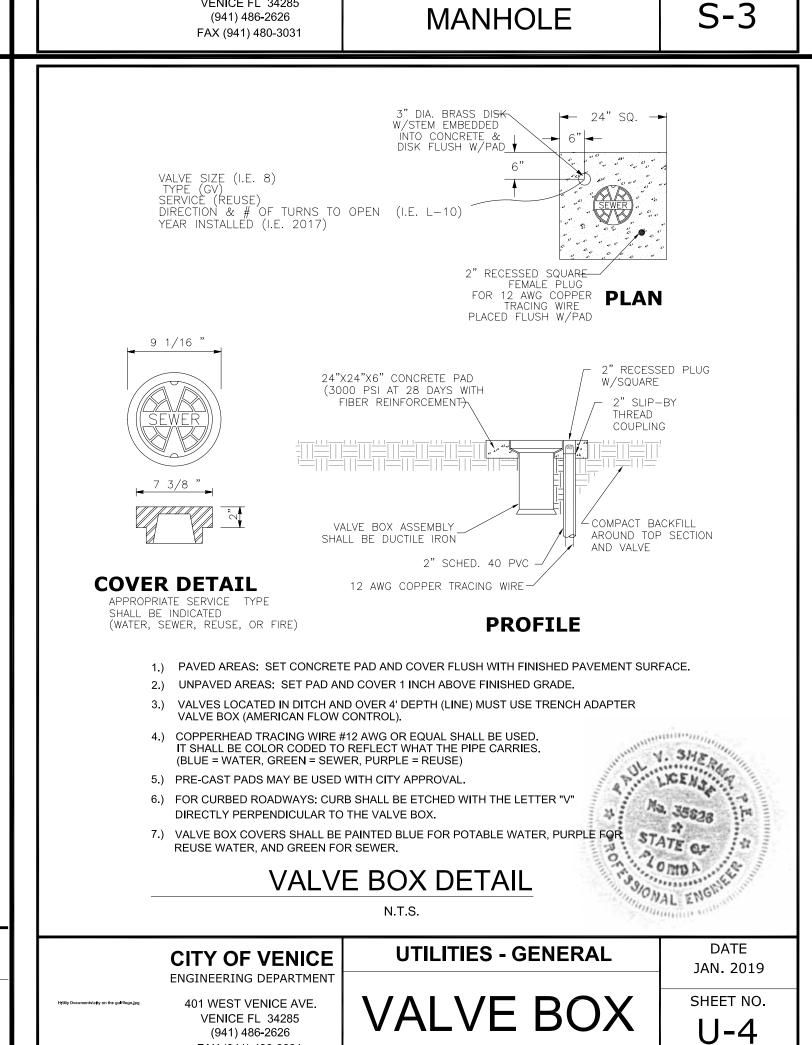
U-1

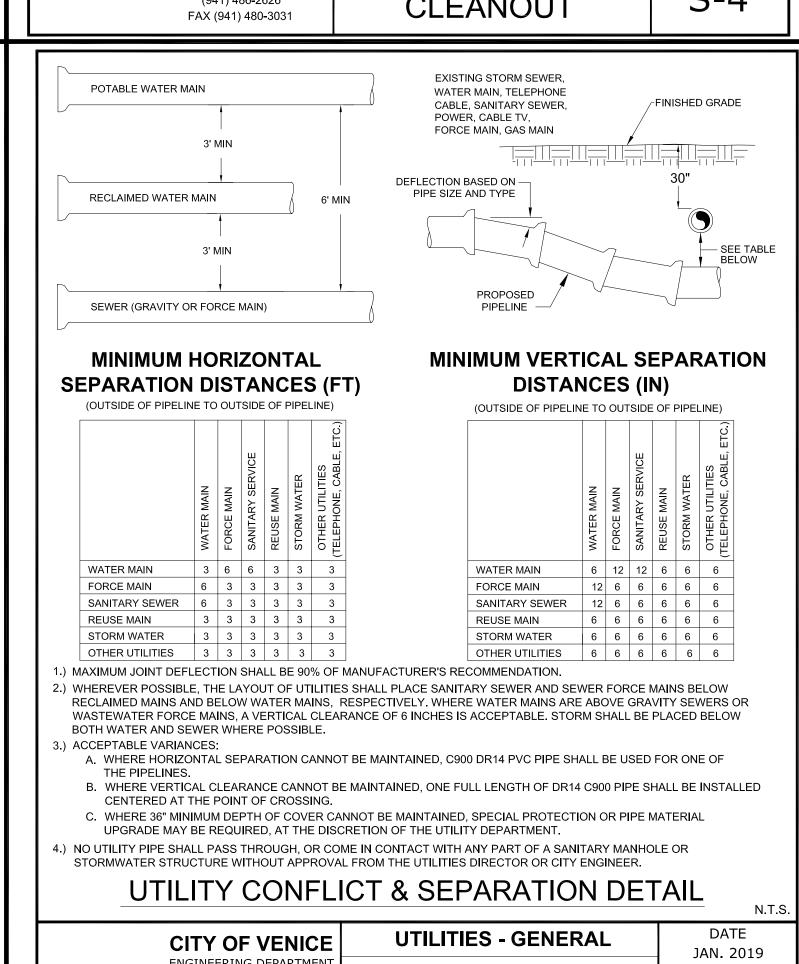
VENICE FL 34285

(941) 486-2626

FAX (941) 480-3031







UTILITY CONFLICTS

& SEPARATIONS

401 WEST VENICE AVE.

VENICE FL 34285

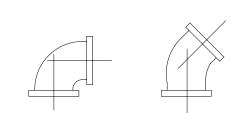
(941) 486-2626

FAX (941) 480-3031

SHEET NO.

U-5

DESIGNED BY: PVS CHECKED BY: PVS DRAWN BY: SAG DATE: 6—18—18 CLIENT: PROJECT NAME: O. DATE BY REVISIONS DRAWING TY 2017 by Professional Ingineering Resources, Inc. MPS DEVELOPMENT AND ARCATA DEL SOL THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY PAUL V. SHERMA, PE ON THE DATE ADJACENT TO THE SEAL USING A SHA AUTHENTICATION CODE. PRINTE COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SH AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES, 8–29–18. All Rights Reserved 17-2288 The arrangements depicted PRELIMINARY CONSTRUCTION, LLC herein are the sole property f Professional Engineering PROFESSIONAL ENGINEERING RESOURCES, INC SCALE] CONSTRUCTIO 333 S. TAMIAMI TRAIL, SUITE 205 APPROVED desources, Inc. and may not 10225 ULMERTON ROAD, SUITE 4D LARGO, FL. 33771 CITY OF VENICE WATER AND SEWER DETAILS be reproduced in any form ■ RECORD VENICE, FL. 34285 CIVIL ENGINEERS, PLANNERS, PERMIT EXPEDITORS (727) 408-5207 N.T.S. without its written permissi CERTIFICATE OF AUTHORIZATION NUMBER: 4401



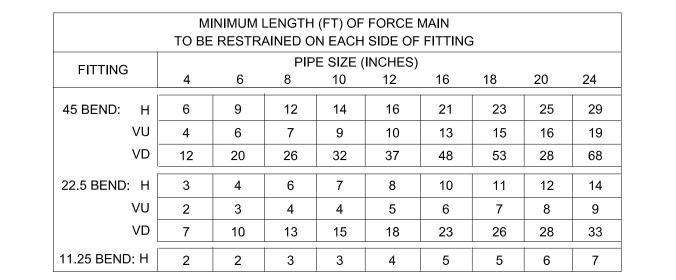
- 1.) ALL PIPE FITTINGS SHALL BE COMPACT, DUCTILE IRON.
- 2.) ALL APPLICATIONS (RAW, POTABLE, REUSE, SEWER) SHALL BE FUSION BONDED EPOXY COATED INSIDE AND OUT.
- 3.) ALL FITTINGS SHALL MEET ANSI/AWWA C116/A21,16 STANDARDS.

PIPE FITTINGS

CEDVICE	COLOR	MATERIAL /CLACC
SERVICE	COLOR	MATERIAL/CLASS
POTABLE WATER MAIN	BLUE	
RAW WATER MAIN	WHITE	AWWA C900 PVC / DR 18 FUSIBLE C900 PVC / DR 18
REUSE MAIN	PURPLE	HDPE PPI PE 4710 / DR 11
FORCE MAIN (MIN. 4" DIAMETER)	GREEN	(DUCTILE IRON PIPE SIZE)
WATER SERVICE	BLUE	PE (POLYTUBING) / DR 9
REUSE SERVICE	PURPLE	PE (POLYTUBING) / DR 9
GRAVITY SEWER MAIN (MIN. 8" DIAMETER)	GREEN	ASTMD3034 / SDR 26 FUSIBLE PVC / SDR 26
SEWER LATERAL (MIN. 6" DIAMETER)	GREEN	ASTMD3034 / SDR 26 / SDR 35 / SCH 40 PVC

PIPE MATERIAL SCHEDULE

	CITY OF VENICE	UTILITIES - GENERAL	DATE JAN. 2019
	ENGINEERING DEPARTMENT		37.111.2013
H:\My Documents\city on the gulf logo.jpg	401 WEST VENICE AVE.	PIPE FITTINGS &	SHEET NO.
	VENICE FL 34285		U-6
	(941) 486-2626 FAX (941) 480-3031	MATERIAL	0-0



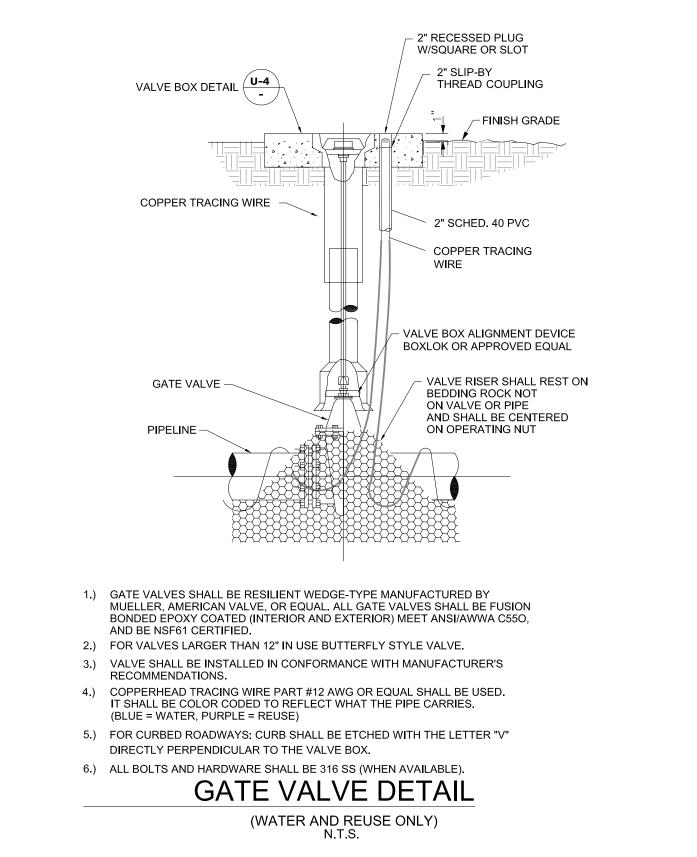
MINIMUM LENGTH (FT) OF WATER OR REUSE MAIN TO BE RESTRAINED ON EACH SIDE OF FITTING									
DIDE SIZE (INICHES)									
FITTING	4	6	8	10	12	16	18	20	24
90 BEND: H	23	33	43	51	60	76	83	90	104
45 BEND: H	10	14	18	21	25	31	34	37	43
VU	6	8	11	13	16	20	22	24	28
VD	22	30	40	48	56	72	80	87	102
22.5 BEND: H	5	7	8	10	12	15	17	18	21
VU	3	4	5	6	7	10	11	12	14
VD	10	15	19	23	27	35	38	42	49
11.25 BEND: H	2	3	4	5	6	7	8	9	10
PLUGS:	52	73	96	115	136	174	193	211	246

- ABBREVIATIONS: H=HORIZONTAL, VU=VERTICAL UP, VD=VERTICAL DOWN. 1.) FOR TEE OR REDUCER FITTINGS SUBMIT RESTRAINED JOINT LENGTH CALCULATIONS TO CITY ENGINEER FOR REVIEW AND APPROVAL. USING THE ASSUMPTIONS LISTED ABOVE.
- 2.) RESTRAINED JOINT LENGTH FOR WATER AND REUSE MAINS BASED ON TEST PRESSURE OF 150 PSI. RESTRAINED JOINT LENGTH FOR FORCE (SEWER) MAINS BASED ON TEST PRESSURE OF 100 PSI, CALCULATIONS WERE MADE USING EBAA IRON SOFTWARE (AVAILABLE AT WWW.EBAA.COM) AND THE FOLLOWING ASSUMPTIONS: GRANULAR MATERIAL (GM) SOIL TYPE. TRENCH TYPE 3. BURY DEPTH OF 3 FT. AND SAFETY FACTOR OF 2 TO 1. IF FIELD CONDITIONS DIFFER FROM ABOVE ASSUMPTIONS EOR SHALL PROVIDE CALCULATIONS BASED ON ACTUAL CONDITIONS.
- RESTRAINED JOINT SHALL BE USED ON ALL JOINTS FROM ANY MAIN TEE TO ANY FIRE HYDRANT ASSEMBLY.
- 4.) THRUST BLOCKS WILL NOT BE ACCEPTED, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

ALL HARDWARE SHALL BE SS (316 WHEN AVAILABLE) OR EPOXY COATED. PRESSURE MAIN RESTRAINED JOINT TABLE

N.T.S.

H2My Documentsicity on the gulf logo-jpg	CITY OF VENICE	UTILITIES - GENERAL	DATE JAN. 2019
	ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2626	RESTRAINED JOINT TABLE	SHEET NO.
	FAX (941) 480-3031	JOINT TABLE	,



CITY OF VENICE	UTILITIES - WATE
ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2626	GATE VALV
FAX (941) 480-3031	

SHEET NO. 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2626 FAX (941) 480-3031

JAN. 2019

W-3

TWO 2 1/2' - 5 1/4" MAIN VALVE OPERATING NUT HOSE NOZZLES ONE 4 1/2" PUMPER NOZZLE FACING STREET (U-4) VALVE BOX DETAIL BREAKABI F CONNECTION -2" RECESSED PLUG W/SQUARE 2" SLIP-BY **USE MANUFACTURERS** SPECIFICATIONS FOR COUPLING INSTALLED HEIGHT FROM BREAKABLE CONNECTION FLANGE TO FINISH GRADE. 2" SCHED. 40 PVC G.V. DETAIL (W-1) COPPER TRACING CONNECTION M.J. TEE SEE DETAIL W-1 FOR VALVE BEDDING 1.) POTABLE WATER FIRE HYDRANTS SHALL BE PAINTED "SAFETY YELLOW" 2.) REUSE FIRE HYDRANTS SHALL BE PAINTED PANTONE PURPLE 522C AND TAGGED WITH A PERMANENT LABEL "RECLAIMED WATER-DO NOT DRINK." 3.) HYDRANT SHALL BE MUELLER SUPER CENTURIAN MODEL A423, AMERICAN B84BV WITH BREAK-AWAY FEATURE. ALL BOLTS SHALL BE SS (BONNET, SAFETY FLANGE, SHOE). 4.) RESTRAINED JOINTS SHALL BE USED BETWEEN TEE AND HYDRANT 5.) HYDRANTS SHALL HAVE "OUT OF SERVICE" TAGS AND BE BAGGED UNTIL MAINS ARE ACCEPTED BY CITY. 6.) ALL WEEP HOLES SHALL BE PLUGGED. 7.) HYDRANT LOCATED AT LEAST 3' OR MORE FROM ANY STORM WATER PIPE OR DITCH AND AT LEAST 6' OR MORE FROM ANY SANITARY SEWER STRUCTURE. 8.) FOR CLEARANCE ISSUES, PLEASE REFER TO CURRENT FLORIDA FIRE PREVENTION CODE REQUIREMENTS,

9.) COPPERHEAD TRACING WIRE #12 AWG OR EQUAL SHALL BE USED. IT SHALL BE COLOR CODED TO REFLECT WHAT THE PIPE CARRIES. (BLUE = WATER, PURPLE = REUSE)

10.) ASSEMBLY SHALL BE BEDDED IN 8" OF 57 STONE OR CRUSHED SHELL AND INSTALLED AT PROPER BURIAL DEPTH. 11.) FIRE HYDRANT ASSEMBLY INCLUDES GATE VALVE TO BE LOCATED AS CLOSE TO WATER MAIN AS POSSIBLE.

12.) GRADELOCK CONNECTION TO BE USED BETWEEN VALVE AND HYDRANT. FUSION BONDED EPOXY. ROTATE TO FINAL GRADE.

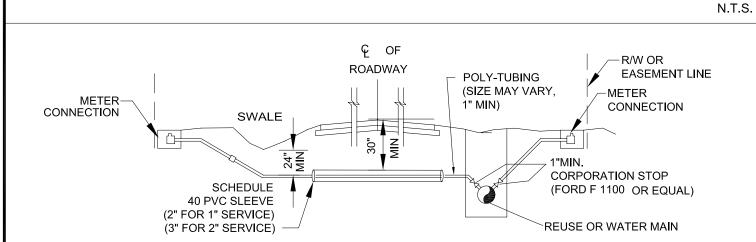
FIRE HYDRANT ASSEMBLY DETAIL

UTILITIES - WATER	DATE JAN. 201
FIRE HYDRANT	SHEET NO
ASSEMBLY	W-2

2019 T NO.

SINGLE SERVICE DUAL SERVICE CONNECTION CONNECTION R/W OR EASEMENT METER BOX (TYP.) -WYE, FORD 1" P.E. MINIMUM Y44-264, OR TYPICAL 2" P.E. MINIMUM REUSE MAIN OR WATER MAIN

RESIDENTIAL METER CONNECTION DETAIL



- 1.) TAPS SHALL NOT BE CLOSER THAN TWO FEET APART OR WITHIN TWO FEET OF ANY JOINT. 2.) TAPS IN MULTIPLE GROUPS SHALL NOT BE MADE IN THE SAME LONGITUDINAL LINE OF THE PIPE BUT MUST BE
- STAGGERED VERTICALLY
- 3.) TAPPING SADDLE SHALL BE EPOXY COATED, DUCTILE IRON BODY WITH SS 316 BAND(S) AND HARDWARE.
- 4.) BRASS FITTINGS AND BALL VALVES SHALL BE FORD F1100 OR EQUAL
- 5.) ALL SERVICES SHALL HAVE COPPER TRACING WIRE. 6.) ALL SLEEVE ENDS SHALL BE SEALED WITH FOAM SEAL
- 7.) INSERT STIFFENERS WILL NOT BE ACCEPTABLE.
- 8.) ALL WATERWORKS BRASS MUST BE LEAD FREE. 9.) METER SIZE AND SERVICE LINE PIPING DOWNSTREAM OF METER SHALL BE MINIMALLY SIZED BASED ON FIXTURE CALCS
- AS DETERMINED BY THE EOR.
- 10.) FOR CURBED ROADWAYS: CURB SHALL BE ETCHED WITH THE LETTER "W" FOR WATER SERVICE AND "R" FOR REUSE SERVICE DIRECTLY PERPENDICULAR TO THE METER.

WATER & REUSE SERVICE CONNECTION

N.T.S.

	CITY OF VENICE	UTILITIES - WATER	DATE JAN. 2019
	ENGINEERING DEPARTMENT		57
H:Way Documents/city on the gulf logo_log	401 WEST VENICE AVE. VENICE FL 34285	RESIDENTIAL METER &	SHEET NO.
		SERVICE CONNECTION	W-8

► INSTALLED BY PLUMBER INSTALLED BY CITY **TEMPORARY** WATER METER INSTALLED BY THE CITY OF VENICE -- DUAL OR DOUBLE CHECK ASSEMBLY AND METER BOX COPPER TRACING WIRE (SEE NOTES 1 & 5) - / CONNECTION -BOXES WITH FLEXIBLE WATERPROOF SHEETING (SEE NOTE 2)

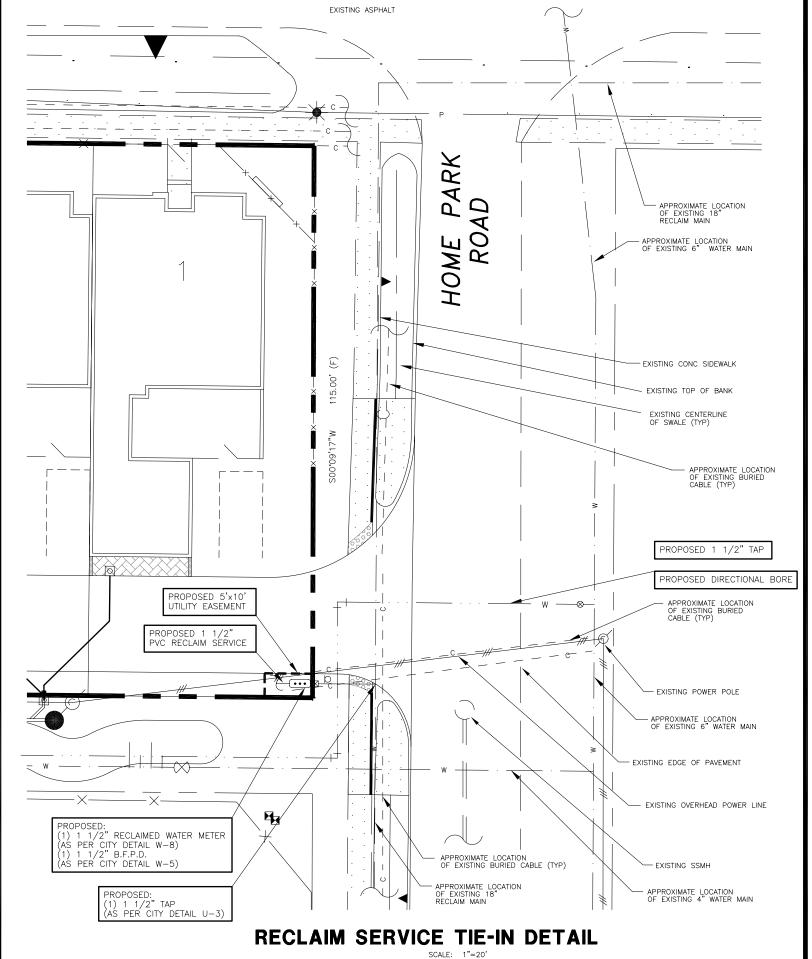
- THE POTABLE WATER SYSTEM SHALL USE AN OLDCASTLE CARSON MODEL #1220 BLACK PLASTIC METER BOX WITH METAL READER AND BLACK SOLID RODS OR APPROVED EQUAL FOR BOTH METER AND CHECK VALVE.
- CENTER METER IN BOX AND BLOCK ENDS OF BOX TO PREVENT DIRT FROM ENTERING WITH FLEXIBLE WATERPROOF
- SHEETING. SHEETING SHALL BE A PVC TYPE MATERIAL WITH MINIMUM 40 MIL THICKNESS. 3.) COPPERHEAD TRACING WIRE #12 AWG OR EQUAL SHALL BE USED AND COLOR CODED TO REFLECT WHAT THE PIPE CARRIES (BLUE = WATER).
- 4.) $\,$ LOCKING CURB STOP MUST BE LOCATED IN BOX AND SHALL BE LOCKED IN THE CLOSED POSITION WITH A LOCK SUPPLIED BY THE UTILITIES DEPARTMENT AT THE TIME OF SERVICE LINE INSTALLATION. LOCK TO BE REMOVED BY THE UTILITIES DEPARTMENT ONLY AFTER STANDARD DETAIL REQUIREMENTS ARE MET. DEDICATED FIRE SERVICE CURB STOPS SHALL BE LOCKED IN THE OPEN POSITION BY THE UTILITIES DEPARTMENT AFTER STANDARD DETAIL
- CROSS-CONNECTION CONTROL PROGRAM, SHALL BE INSTALLED BY A PLUMBER IN A SEPARATE BOX IMMEDIATELY AFTER THE WATER METER BOX. TEST PORTS SHALL BE PLUGGED WITH NON-METALLIC OR PLASTIC PLUGS.
- RESIDENTIAL FIRE SERVICE SPRINKLERS INCORPORATED INTO DOMESTIC RESIDENTIAL PLUMBING SHALL BE SERVICED BY AN ELECTRONIC WATER METER MEETING NFPA STANDARDS FOR FLOW AND PRESSURE LOSS.
- 7.) THE ENGINEER OF RECORD SHALL SUBMIT METER SIZING CALCULATIONS BASED ON SERVICE DEMAND PER
- AWWA M-22 AND SUBJECT TO APPROVAL BY THE UTILITIES DEPARTMENT. 8.) ALL METER BOXES SHALL BE SET FLUSH WITH FINISHED GRADE.
- 9.) BELOW GROUND PIPING BETWEEN WATER METER AND DUAL OR DOUBLE CHECK ASSEMBLY SHALL BE PE

RESIDENTIAL WATER & FIRE METER

(RESIDENTIAL USE ONLY) N.T.S.

	CITY OF VENICE	UTILITIES - WATER	DATE JAN. 2019
	ENGINEERING DEPARTMENT		3, 2013
Documents\city on the gulf logo.jpg	401 WEST VENICE AVE.	RESIDENTIAL WATER &	SHEET NO.
	VENICE FL 34285 (941) 486-2626 FAX (941) 480-3031	FIRE METER	W-6

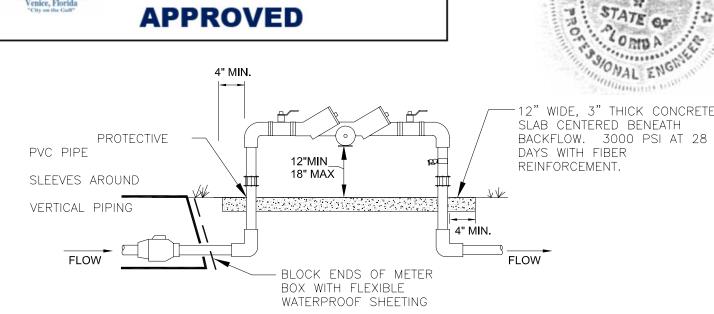




RECORD DRAWINGS

CITY OF VENICE

ENGINEERING DEPARTMENT



- 1.) BACKFLOW PREVENTION ASSEMBLY TYPE SHALL BE DETERMINED BY THE CITY OF VENICE
- UTILITIES DEPARTMENT'S MOST CURRENT CROSS-CONNECTION CONTROL PROGRAM. 2.) ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE APPROVED BY THE UNIVERSITY OF SOUTHERN CALIFORNIA
- FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH AND/OR ASSE 1013.
- 3.) ALL ABOVE GROUND PIPING SHALL BE RIGID COPPER.
- 4.) THE WATER METER AND BACKFLOW PREVENTER SHALL BE THE SAME SIZE. 5.) INSTALLED IMMEDIATELY AFTER THE UTILITY WATER METER UNLESS OTHERWISE APPROVED IN WRITING BY
- THE CITY OF VENICE UTILITIES DIRECTOR.
- 6.) NO BRANCH OR TEE CONNECTIONS SHALL EXIST BETWEEN THE WATER METER AND BACKFLOW PREVENTER. 7.) ALL METER BOXES SHALL BE SET FLUSH WITH FINISHED GRADE.
- 8.) SHEETING SHALL BE A PVC TYPE MATERIAL WITH A MINIMUM OF 40 MIL. THICKNESS.
- 9.) PROTECTIVE PIPE SLEEVES MAY BE PVC PIPE ONE SIZE LARGER THAN RISER OR OTHER CITY APPROVED MATERIAL.
- 10.) UNIONS ARE REQUIRED ON THE RISERS.
- 11.) PRESSURE RELIEF VALVE SHALL BE INSTALLED PER PLUMBING CODE.
- 12.) LINE DOWNSTREAM OF METER AND PRIOR TO BACKFLOW SHALL BY POLYETHYLENE. BACKFLOW PREVENTION ASSEMBLY

(RESIDENTIAL, NOT MASTER METERED)

	CITY OF VENICE	UTILITIES - WATER	DATE JAN. 2019
H:\My Documents\city on the gulf logo.jpg	## ENGINEERING DEPARTMENT ## 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2626 FAX (941) 480-3031	BACKFLOW ASSEMBLY	SHEET NO.
		(NO MASTER METER)	W-5

DESIGNED BY: PVS CHECKED BY: PVS SEC. 8 TWP. 395 RNG. 19E CLIENT: PROJECT NAME: O. DATE BY REVISIONS DRAWING TY DRAWN BY: SAG DATE: 2017 by Professional NUMBER PAUL V. SHERMA, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 35628 Ingineering Resources, Inc. MPS DEVELOPMENT AND ARCATA DEL SOL All Rights Reserved THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY PAUL V. SHERMA, PE ON THE DATE ADJACENT TO THE SEAL USING A SHA AUTHENTICATION CODE. PRINTE 17-2288 The arrangements depicted PRELIMINARY OPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIJIHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. 8—29—18. CONSTRUCTION, LLC of Professional Engineerin PROFESSIONAL ENGINEERING RESOURCES, INC. 333 S. TAMIAMI TRAIL, SUITE 205 VENICE, FL. 34285 CONSTRUCTIO SCALE APPROVED desources, Inc. and may no 10225 ULMERTON ROAD, SUITE 4D LARGO, FL. 33771 be reproduced in any form CITY OF VENICE WATER AND SEWER DETAILS ■ RECORD CIVIL ENGINEERS, PLANNERS, PERMIT EXPEDITORS N.T.S. without its written permissi CERTIFICATE OF AUTHORIZATION NUMBER: 4401 PAUL V. SHERMA, REG. NO. 35628