

GENERAL NOTES:

1. OWNERSHIP AND UNIFIED CONTROL STATEMENT:
THE PROJECT IS OWNED BY: SEE LISTINGS IN CENTER OF PAGE
2. CHARACTER AND INTENDED USE STATEMENT
THE USE IS A 484 UNIT SINGLE FAMILY RESIDENTIAL SUBDIVISION.
3. MAINTENANCE OF COMMON FACILITIES STATEMENT:
THE TOSCANA ISLES HOME OWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM AND ROADS. THE WATER DISTRIBUTION SYSTEM WILL BE TURNED OVER TO THE CITY OF VENICE FOR OWNERSHIP AND MAINTENANCE. THE SANITARY SEWER SYSTEM WILL BE TURNED OVER TO SARASOTA COUNTY AND THE CITY OF VENICE FOR OWNERSHIP AND MAINTENANCE.
4. EXISTING LAND USE: VACANT
5. ZONING: PUD, FUTURE LAND USE: MIXED USE RESIDENTIAL
6. FLOOD ZONE: THE SITE LIES WITHIN THE BOUNDARIES OF FLOOD ZONE A12, B & C PER FIRM MAP 1251440245 D
7. SETBACKS:

SINGLE FAMILY DWELLING MINIMUM YARD REQUIREMENTS:
FRONT YARD: 15' MIN. SETBACK
DRIVEWAY LENGTH: 20' MIN.
SIDE YARD: 5'
REAR YARD: 10' (5' TO ACCESSORY STRUCTURES)

ALL MEASUREMENTS, INCLUDING DRIVEWAY LENGTHS, ARE TO BE MEASURED FROM THE PROPERTY LINE.

8. STORMWATER MANAGEMENT:
THIS DEVELOPMENT PROVIDES A MASTER STORMWATER MANAGEMENT SYSTEM. EACH LOT WITHIN THIS SUBDIVISION SHALL HAVE A MAXIMUM IMPERVIOUS AREA OF 80% PER LOT.

9. REFUSE AND RECYCLABLE NOTE:
REFUSE AND RECYCLABLES TO BE PICKED UP BY THE CITY OF VENICE AND SHALL BE PICKED UP CURBSIDE.

10. UTILITY NOTES:
- A. DEP WATER, WASTEWATER, CITY OF VENICE UTILITIES AND SARASOTA COUNTY UTILITY CONSTRUCTION PERMITS ARE REQUIRED.
- B. SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SARASOTA COUNTY & CITY OF VENICE UTILITY CODE.
- C. WATER DISTRIBUTION CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF VENICE UTILITY CODE.
- D. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE" ONE CALL, FPL AND ALL OTHER UTILITY COMPANIES PRIOR TO ANY WORK ONSITE OR OFFSITE SO THAT THE EXACT LOCATION OF ALL UTILITIES CAN BE DETERMINED.
- E. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO WELLS LOCATED ON THIS SITE.
- F. ANY WELLS DISCOVERED DURING EARTH MOVING, EXCAVATION OR CONSTRUCTION MUST BE REPORTED TO THE ENVIRONMENTAL ENGINEERING DEPARTMENT WITHIN 24 HOURS OF DISCOVERY. IF SAID WELL HAS NO USE IT SHALL BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN AN APPROVED MANNER.
- G. TO THE BEST OF OUR KNOWLEDGE NO SEPTIC TANKS ARE LOCATED ON THIS SITE
- H. ALL UTILITIES INCLUDING TELEPHONE, TELEVISION CABLE AND ELECTRICAL SYSTEMS SHALL BE INSTALLED UNDERGROUND.
- I. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST VERSION OF THE CITY OF VENICE STANDARDS DETAILS.

11. UTILITY PROVIDERS:

WATER & SAN. SEWER CITY OF VENICE 200 WARFIELD AVE VENICE, FL 34285 (941)480-3333 (941)486-2084 fax	SANITARY SEWER PROVIDED BY SARASOTA COUNTY 1001 SARASOTA CENTER BLVD. SARASOTA, FL 34240 (941)861-6780 (941)861-0603 fax	TELEPHONE FRONTIER 5590 SWIFT RD. SARASOTA, FL 34231 (877)619-6198	ELECTRICITY FLORIDA POWER & LIGHT 5676 S. MCINTOSH RD. SARASOTA, FL 34233 (941)927-4218	CATV COMCAST 5205 FRUITVILLE ROAD SARASOTA, FLORIDA 34240 (941) 371-6700
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12. BENCHMARK DATUM:

BENCHMARK AM ENG BM#2201
ELEV: 15.54
N.G.V.D. 1929
CHISELED SQUARE CENTERED ON WEST SIDE
OF CONCRETE SLAB FOR WET WELL AT LIFT STATION.

13. DATUM:

- A. ALL SITE ELEVATIONS ARE SHOWN IN NVD 29 DATUM
B. TO CONVERT TO NAVD 88 A VERTICAL SHIFT OF -1.109 SHOULD BE APPLIED

14. CITY OF VENICE REQUIRED NOTES:

1. ALL WORK CONDUCTED IN THE CITY OF VENICE RIGHT-OF-WAY (ROW) WILL REQUIRE ISSUANCE OF A ROW PERMIT.
2. ALL WORK CONDUCTED IN SARASOTA COUNTY AND/OR FDOT ROW SHALL REQUIRE A COPY OF THE ISSUED PERMITS.
3. TREE REMOVAL PERMIT MUST BE OBTAINED FROM SARASOTA COUNTY NATURAL RESOURCES DEPARTMENT.
4. POST DEVELOPMENT RUNOFF DOES NOT EXCEED PRE-DEVELOPMENT RUNOFF VOLUME OR RATE FOR A 24-HOUR, 25-YEAR STORM EVENT.
5. ALL FIRE SERVICE BACKFLOW ASSEMBLIES SHALL BE INSTALLED BY A CERTIFIED CONTRACTOR WITH A CLASS 1, 11 OR V CERTIFICATE OF COMPETENCY ISSUED BY THE STATE FIRE MARSHALL AS PER F.S. 633.521.
6. CONSTRUCTION SITE MUST BE POSTED WITH 24-HOUR CONTACT INFORMATION.
7. ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, SHALL MEET CITY OF VENICE STANDARDS.
8. CONTACT PUBLIC WORKS SOLID WASTE DIVISION (941-486-2422) FOR APPROVAL OF DUMPSTER LOCATION AND LAYOUT PRIOR TO CONSTRUCTION.
9. NO MINIMUM LOT DIMENSIONS ARE REQUIRED BY THE PUD. FINAL LOT DIMENSIONS WILL BE INCLUDED ON THE FINAL PLAT.
10. ALL MEASUREMENTS, INCLUDING DRIVEWAY LENGTHS, ARE TO BE MEASURED FROM THE PROPERTY LINE.
11. A TREE PERMIT WILL BE REQUIRED PRIOR TO ANY CONSTRUCTION. NATIVE VEGETATIVE REMOVAL WITHIN THE DRIPLINE OF A TREE, AND/OR TREE REMOVAL.
12. LAND IN A PUD DESIGNATED AS OPEN SPACE WILL BE RESTRICTED BY APPROPRIATE LEGAL INSTRUMENT SATISFACTORY TO THE CITY ATTORNEY AS OPEN SPACE PERPETUALLY, OR FOR A PERIOD OF NOT LESS THAN 99 YEARS. SUCH INSTRUMENT SHALL BE BINDING UPON THE DEVELOPER, HIS SUCCESSOR AND ASSIGNS AND SHALL CONSTITUTE A COVENANT RUNNING WITH THE LAND, AND BE IN RECORDABLE FORM.

15. UTILITY QUANTITIES

		Phase 6
	Unit	Record Quantities
SANITARY		
8" PVC	LF	2981
Sanitary Manholes	EA	14
Lift Stations	EA	-
WATER		
8" PVC	LF	2909
4" PVC	LF	1699
2" PVC	LF	-
8" Gate Valves	EA	4
4" Gate Valves	EA	2
Fire Hydrants	EA	3
FORCE MAIN		
6" PVC	LF	-
4" PVC	LF	-
Air Release Valves	EA	-
8" Directional Bore	LF	-

UTILITY PLANS RECORD DRAWINGS CITY OF VENICE WATER AND SEWER

FOR

TOSCANA ISLES

UNIT II , PHASE 6

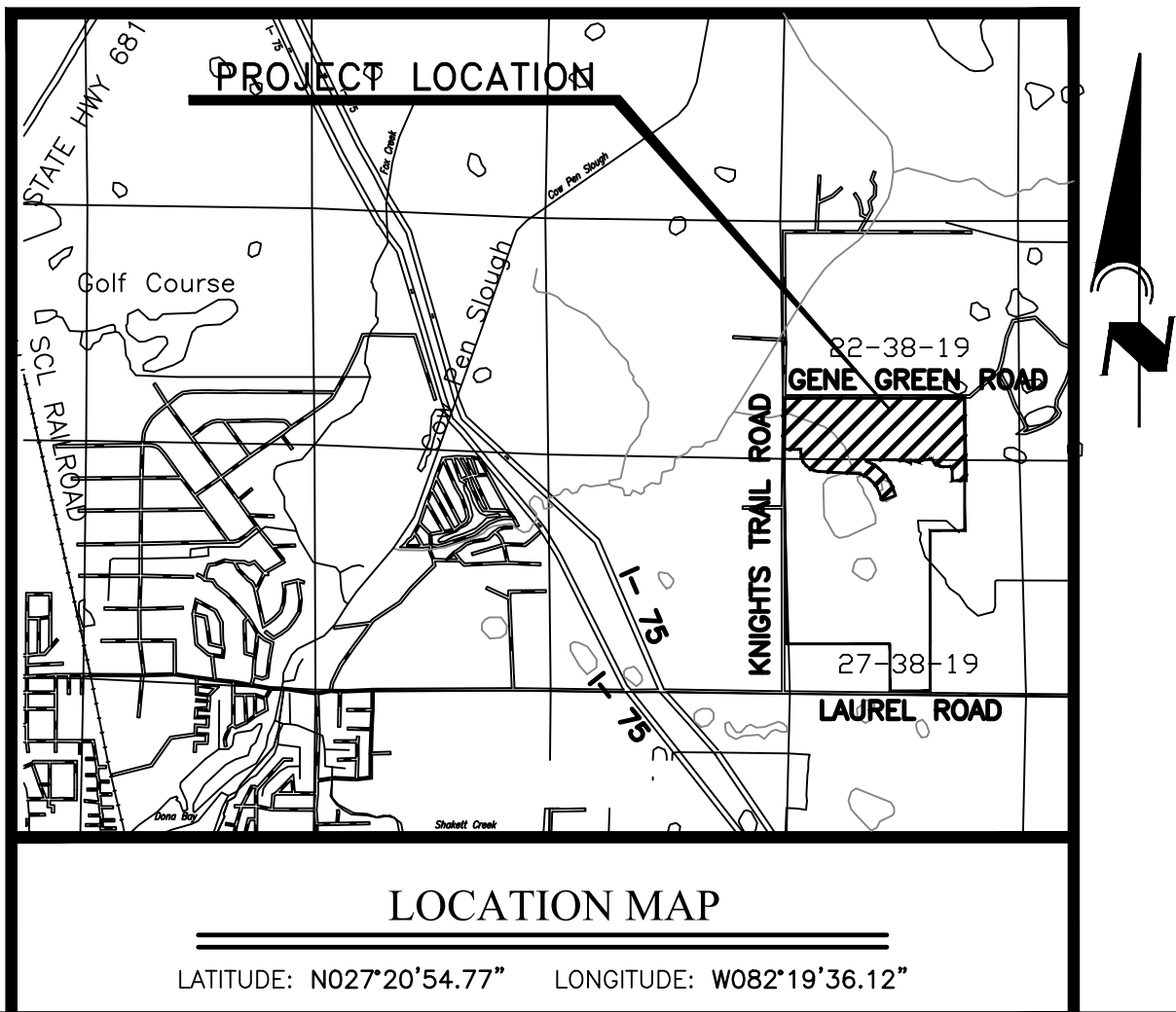
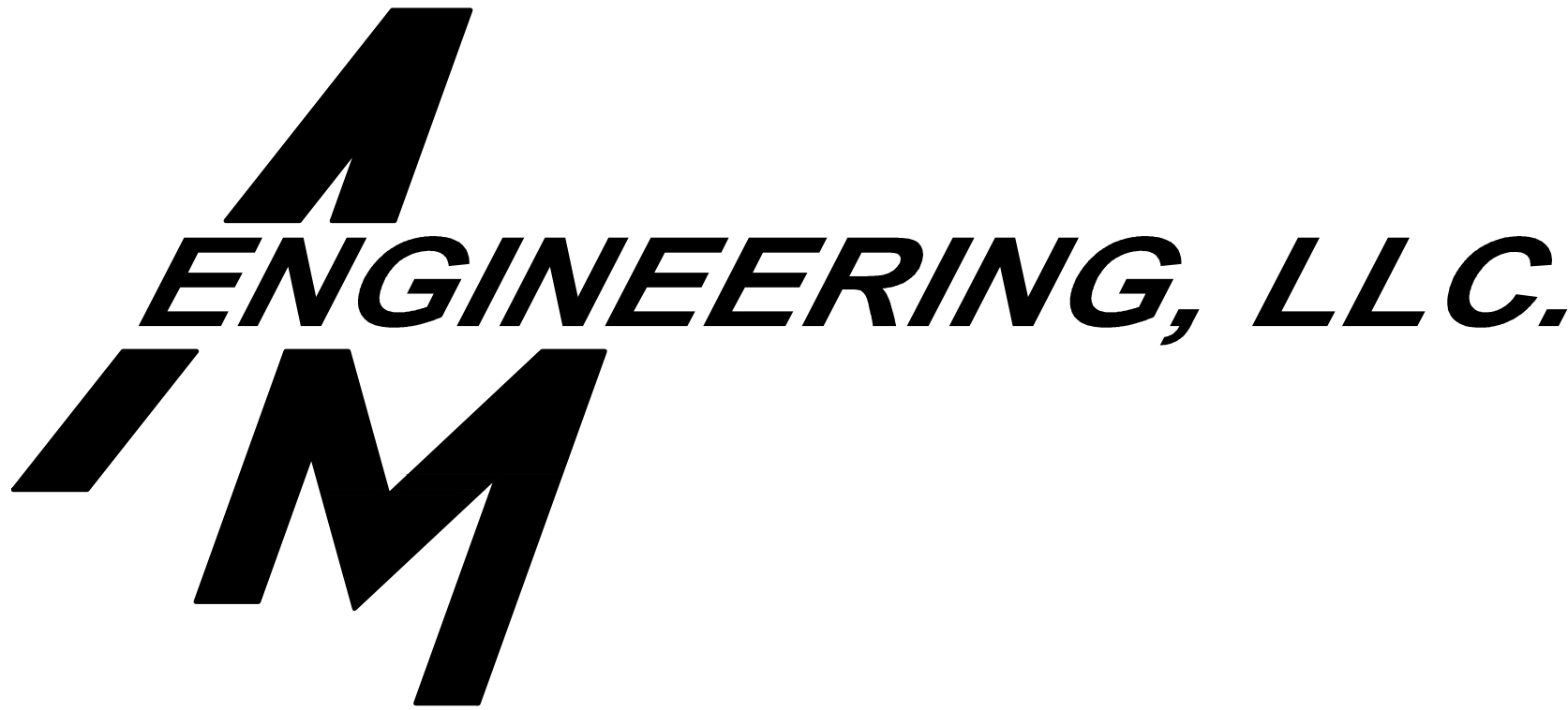
A 484 LOT SUBDIVISION LYING IN SECTION 22 AND 27, TOWNSHIP 38 SOUTH, RANGE 19 EAST, CITY OF VENICE, SARASOTA COUNTY, FLORIDA.

OWNER/ DEVELOPER:

LALP DEVELOPMENT, LLC
6561 PALMER PARK CIRCLE, SUITE B
SARASOTA, FLORIDA 34238
(941) 552-6705

ENGINEER / SURVEYOR:

AM ENGINEERING, LLC.
8340 CONSUMER COURT
SARASOTA, FLORIDA 34240
(941) 377-9178
CERTIFICATE OF AUTHORIZATION No. 33105
LB #4334



R E V I S I O N S		
	DATE	DESCRIPTION
CD	5/29/19	△ ADJUSTED INVS OF SMH 5-16.6-20, AND STM INVS 5-290.5-291
CD	6/5/19	△ MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,560 719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING
CT	05/19/21	△ ADJUSTED WATER MAIN PER CITY OF VENICE ON SHT. 33 & 33A
CT	05/25/21	UTILITY RECORD DRAWING
CT	06/16/21	ADD MANHOLE AND FIRE HYDRANT SWING TIES PER CITY OF VENICE ON SHT 33A, 35A, 36A, 38A, 44A, 45A, 46A, & 47A

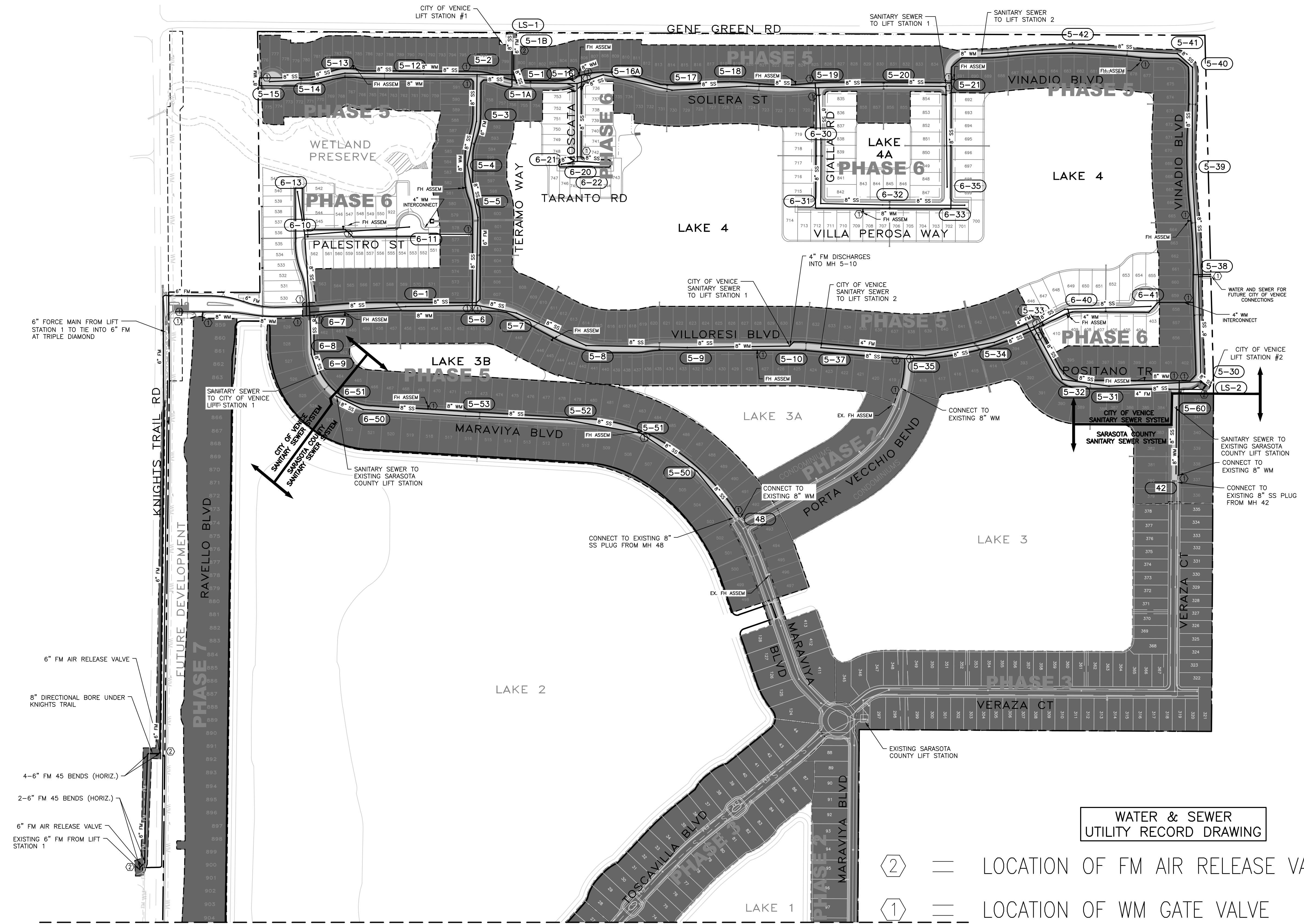


INDEX TO DRAWINGS

DWG. NO.	DESCRIPTION
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2	AERIAL PHOTOGRAPH
3	EXISTING PLATTED CONDITIONS
4	MASTER SITE PLAN
5	MASTER SIGNAGE STRIPING AND SIDEWALK PLAN
6-12	PRELIMINARY PLAT
13	STORMWATER MANAGEMENT PLAN
14-24	PAVING, GRADING & DRAINAGE DETAILS
25-27	PAVING, GRADING & DRAINAGE DETAILS
28-30	STORMWATER POLLUTION PREVENTION PLAN
31	MASTER UTILITY PLAN
32	MASTER UTILITY KEY SHEET
33	PLAN & PROFILE - VILLORESI BLVD
33A	UTILITY PLAN SWING TIES
34	PLAN & PROFILE
35	PLAN & PROFILE - VILLORESI BLVD
35A	UTILITY PLAN SWING TIES
36	PLAN & PROFILE - VILLORESI BLVD AND VINADIO BVLD
36A	UTILITY PLAN SWING TIES
37	PLAN & PROFILE
38	PLAN & PROFILE - MARAVIYA BLVD
38A	UTILITY PLAN SWING TIES
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44	PLAN & PROFILE - VINADIO WAY
44A	UTILITY PLAN SWING TIES
45	PLAN & PROFILE - VILLA PEROSA WAY
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46	PLAN & PROFILE - TARANTO RD AND GALLIA RD
46A	UTILITY PLAN SWING TIES
47	PLAN & PROFILE - MOSCATA WAY AND PALESTRO ST
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55-56	UTILITY DETAILS
57-58	LIFT STATION DETAILS
59	PHASING PLAN
60	CITY/COUNTY SANITARY SERVICE

D. SHAWN LEINS, P.E.

DATE
FLORIDA P.E. No. 41078



WATER & SEWER
UTILITY RECORD DRAWING

②

=

LOCATION OF FM AIR RELEASE VALVE

①

=

LOCATION OF WM GATE VALVE

0

100

200

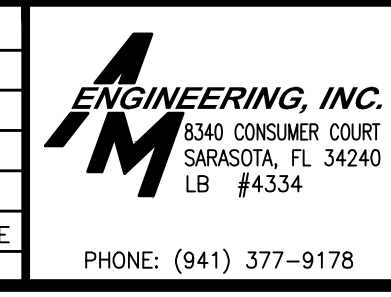
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SCALE IN FEET

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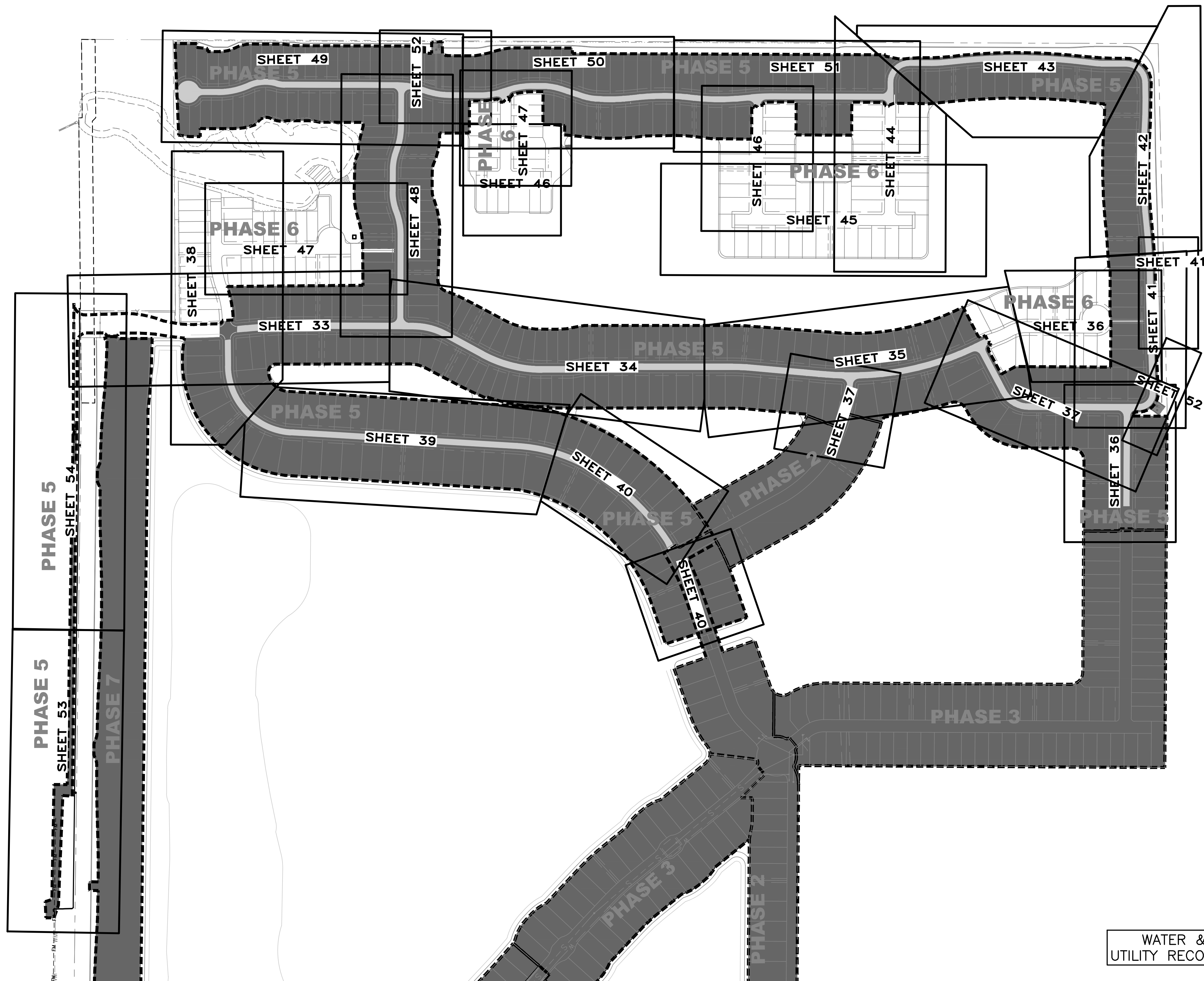
North Arrow

CALL BEFORE YOU DIG! "SUNSHINE STATE ONE-CALL CENTER" 1-800-432-4770 THE CONTRACTOR SHALL NOTIFY "SUNSHINE STATE ONE-CALL CENTER" AND ALL OTHER UTILITIES FOR LOCATION OF EXISTING FACILITIES PRIOR TO BEGINNING CONSTRUCTION.			REVISIONS			TOSCANA ISLES PHASE 6		
BY	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	SCALE:	APPROVED BY:	DRAWN BY:
CD	4/8/19	REVISD PER CITY OF VENICE COMMENTS DATED 3/15/19				1"=200'		CD
CD	5/10/19	REVISD PER SWFWMD COMMENTS DATED 5/6/19				DATE:	D. SHAWN LEINS, PE	DRWG. NO:
CD	5/15/19	REMOVED MH 6-34, ADJUSTED INVS OF MHS 5-37,5-51,6-8,6-9, 6-101, 6-102, MOVED MH 5-38, ADJUSTED LS-1 & LS-2 SCHEDULE				06/03/20	FLORIDA CERTIFICATE NO: 41078	VANG0015_31-MUP
CT	3/15/21	UTILITY RECORD DRAWING				CLIENT:	LALP DEVELOPMENT, LLC	JOB NO:
						TITLE:	MASTER UTILITY PLAN	VANG0015
								SHEET NO:
								31

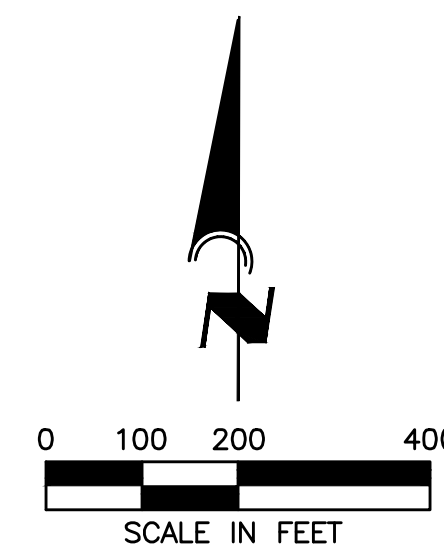


June 17, 2021

APPROVED



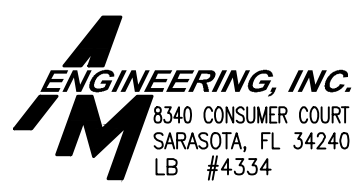
WATER & SEWER UTILITY RECORD DRAWING



CALL BEFORE YOU DIG!
"SUNSHINE STATE ONE-CALL CENTER"
1-800-432-4770

THE CONTRACTOR SHALL NOTIFY "SUNSHINE STATE ONE-CALL CENTER" AND ALL OTHER UTILITIES FOR LOCATION OF EXISTING FACILITIES PRIOR TO BEGINNING CONSTRUCTION.

R E V I S I O N S		
BY	DATE	DESCRIPTION
CD	5/29/19	△ ADJUSTED INVS OF SMH 5-16,6-20, AND STM INVS 5-290,5-291
CD	6/5/19	△ MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,5- 719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING



PHONE: (941) 377-9178

PROJ:	TOSCANA ISLES PHASE 6	
SCALE		ISSUED BY

SCALE:

1"=200'

DATE: 06/03/2018

CLIENT:

LAL

TITLE: U TI

APPROVED BY:

© 2000 Blackwell Science Ltd

D. SHAWN LEINS, PE
FLORIDA CERTIFICATE NO: 41078

DATE OF BIRTH: 11/19/78

DEVELOPMENT, LLC

ITY KEY SHEET

DRAWN BY:

CD
DDWG NO:

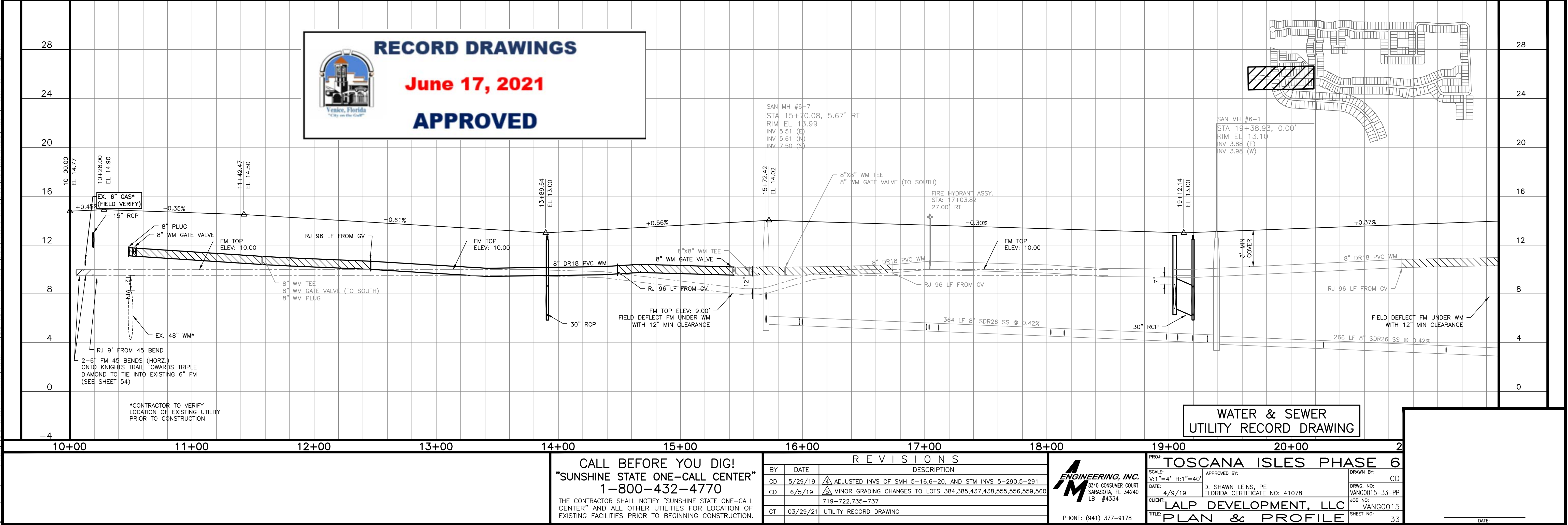
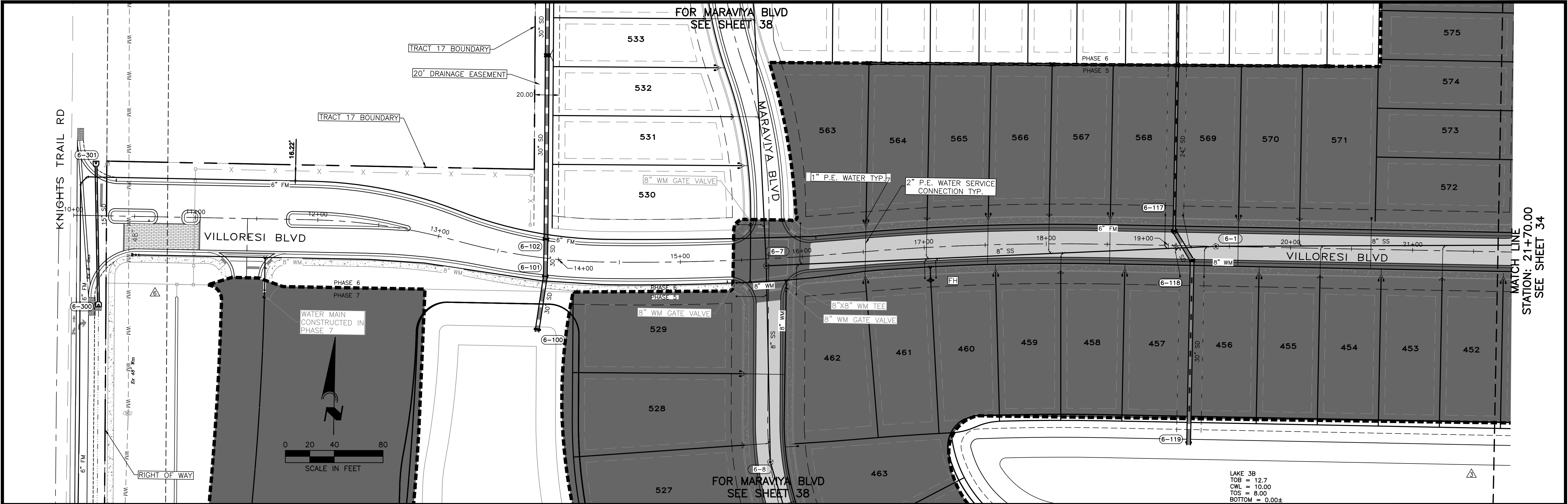
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VANG0015-32-PKEY

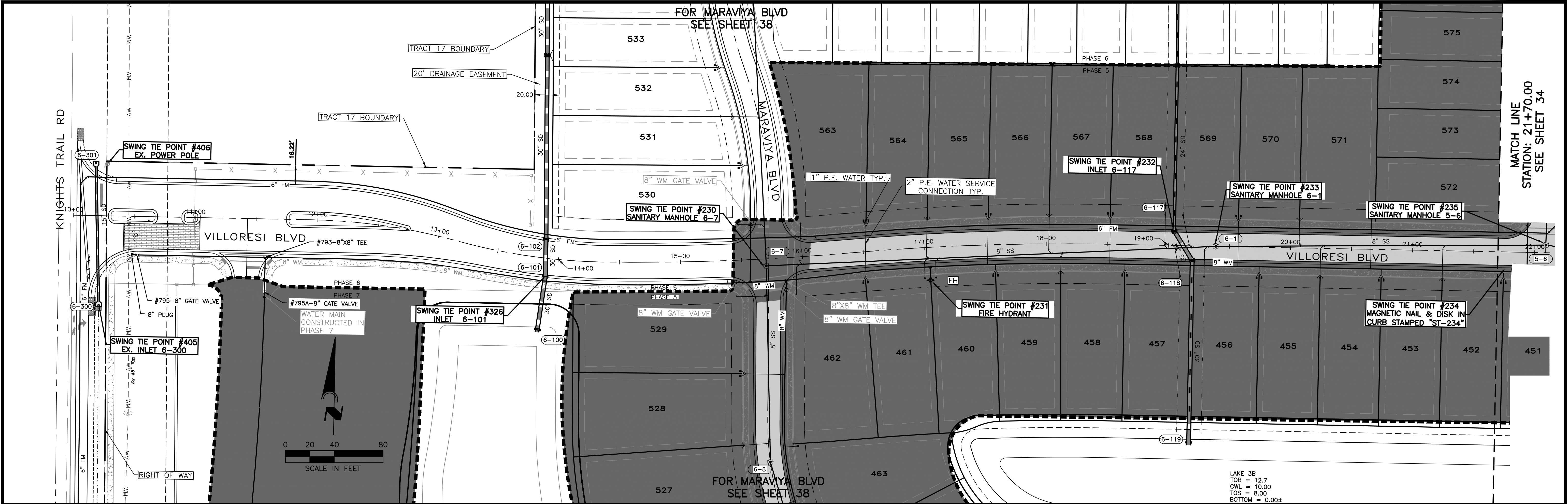
JOB NO:	
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VANG0015

SHEET NO: 32

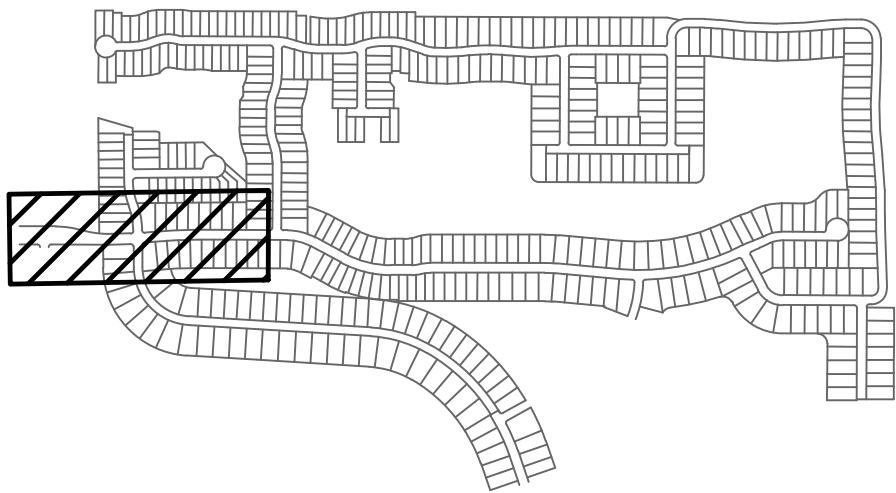
DATE





SWING TIE INFORMATION—WATERMAIN					
DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	ELEVATION
#795A-8" GATE VALVE	PT #405 EX. INLET 6-300	136.1	PT #795A-8" GATE VALVE	108.3	NUT=13.39
#791-8" GATE VALVE	PT #230 SAN. MH 6-7	29.0	PT #231 FIRE HYDRANT	160.2'	
#793-8"x8" TEE	PT #406 EX. POWER POLE	149.81	PT #326 INLET 6-101	229.98	NUT=12.15
#794-8"x8" TEE	PT #406 EX. POWER POLE	74.33	PT #405 EX. BLOW OFF	131.80	T.O.P.=10.32
#795-8" GATE VALVE	PT #406 EX. POWER POLE	76.88	PT #405 EX. INLET 6-300	51.32	

SWING TIE INFORMATION – SANITARY SEWER MANHOLE				
DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#230 SANITARY MH 6-7	#321 FIRE HYDRANT	134.7	#326 INLET 6-101	181.5



- GENERAL SWING—TIE NOTES:**
- SWING TIES TO MANHOLES ARE TO THE CENTER OF THE MANHOLE.
SWING TIES TO SD (STORM DRAIN STRUCTURES) ARE TO THE CENTER OF THE STRUCTURE
- 132 STORM DRAIN STRUCTURE NUMBER
10 SANITARY MANHOLE NUMBER
EX. BLOWOFF VALVE
EX. POWER POLE

ELEVATIONS ON FITTINGS ARE TO TOP OF FITTING.
ELEVATIONS ON GATE VALVES ARE TO TOP OF OPERATING NUT.

WATER & SEWER
UTILITY RECORD DRAWING

CALL BEFORE YOU DIG!
"SUNSHINE STATE ONE-CALL CENTER"
1-800-432-4770

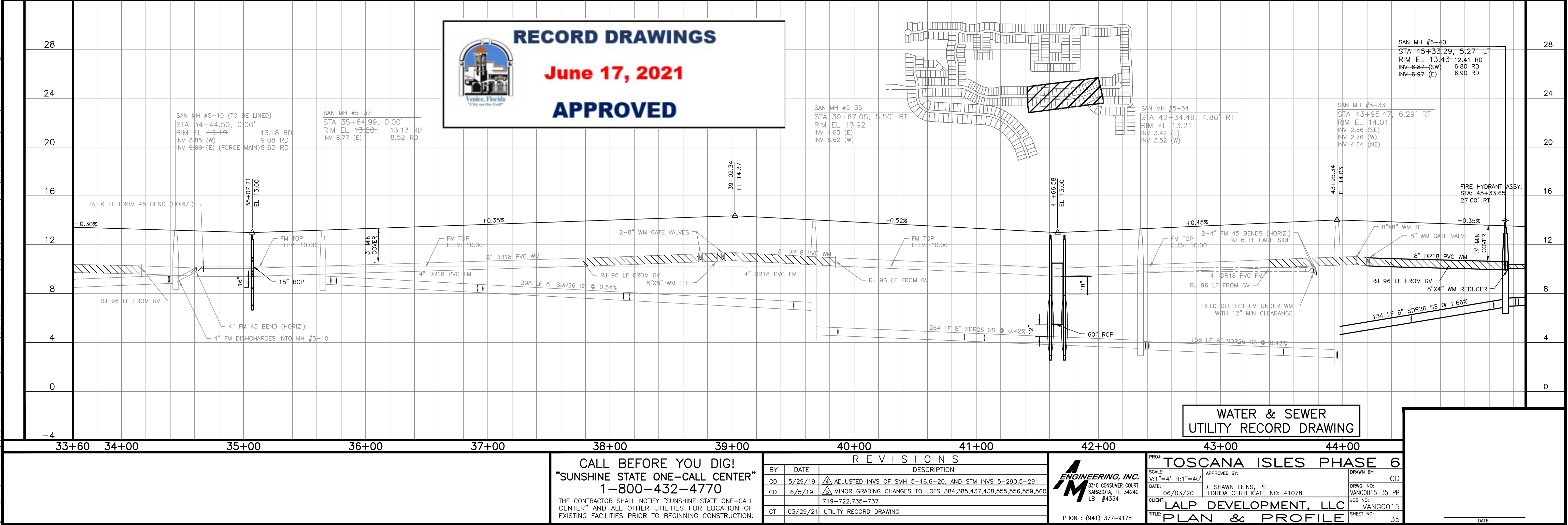
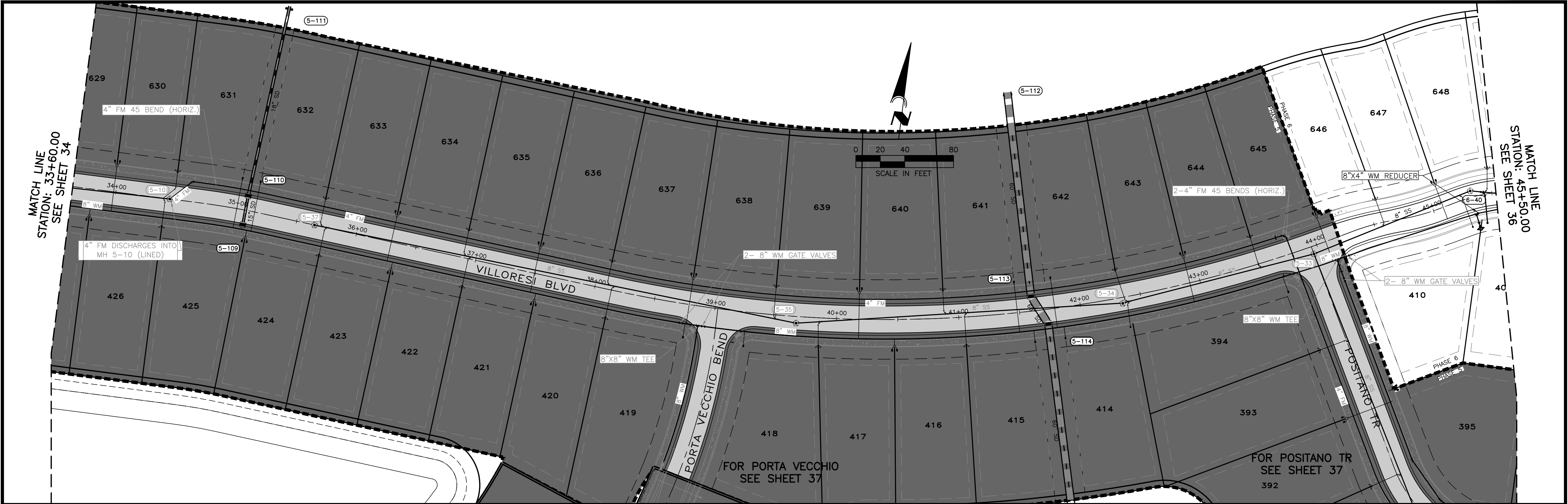
THE CONTRACTOR SHALL NOTIFY "SUNSHINE STATE ONE-CALL CENTER" AND ALL OTHER UTILITIES FOR LOCATION OF EXISTING FACILITIES PRIOR TO BEGINNING CONSTRUCTION.

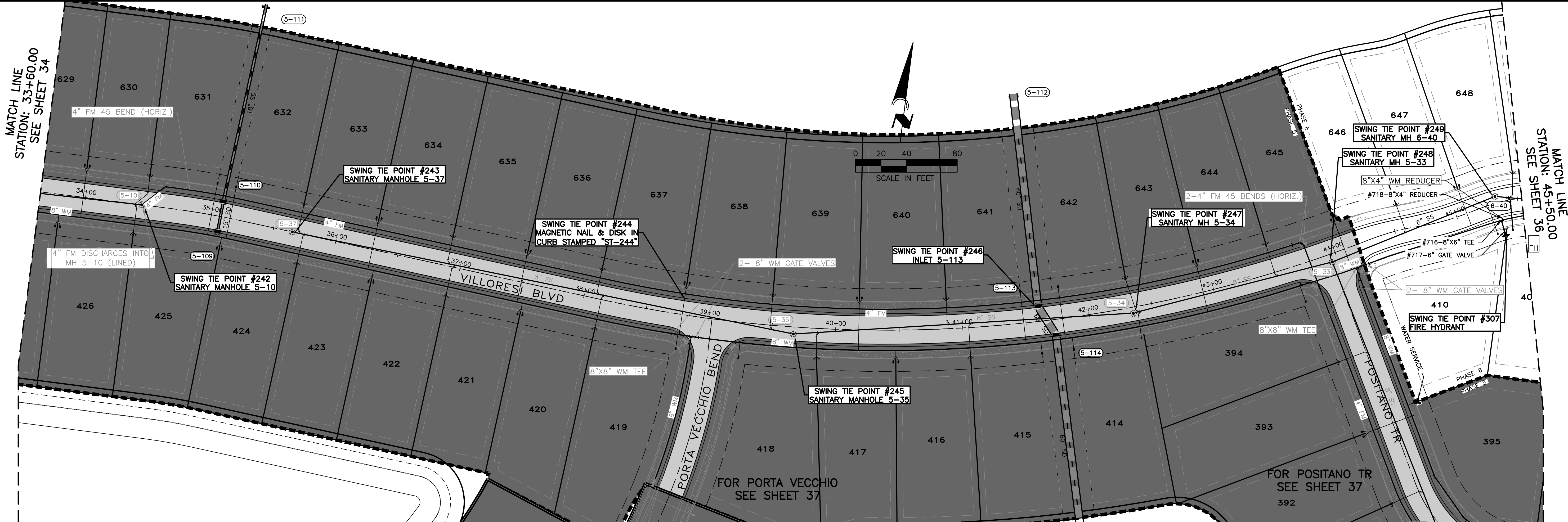
REVISIONS		
BY	DATE	DESCRIPTION
CD	5/29/19	ADJUSTED INVS OF SMH 5-16,6-20, AND STM INVS 5-290,5-291
CD	6/5/19	MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,560
CT	03/29/21	UTILITY RECORD DRAWING

ENGINEERING, INC.
8340 CONSUMER COURT
SARASOTA, FL 34240
LB #4334

PHONE: (941) 377-9178

PROJECT: TOSCANA ISLES PHASE 6	SCALE: V:1"=4' H:1"=40'	APPROVED BY: D. SHAWN LEINS, PE FLORIDA CERTIFICATE NO. 41078	DRAWN BY: CD
DATE: 4/9/19	CLIENT: LALP DEVELOPMENT, LLC	TITLE: UTILITY PLAN SWING TIES	DRWG. NO: VANG0015-33-PP JOB NO: VANG0015 SHEET NO: 33A





SWING TIE INFORMATION—WATER & SANITARY SEWER SERVICES

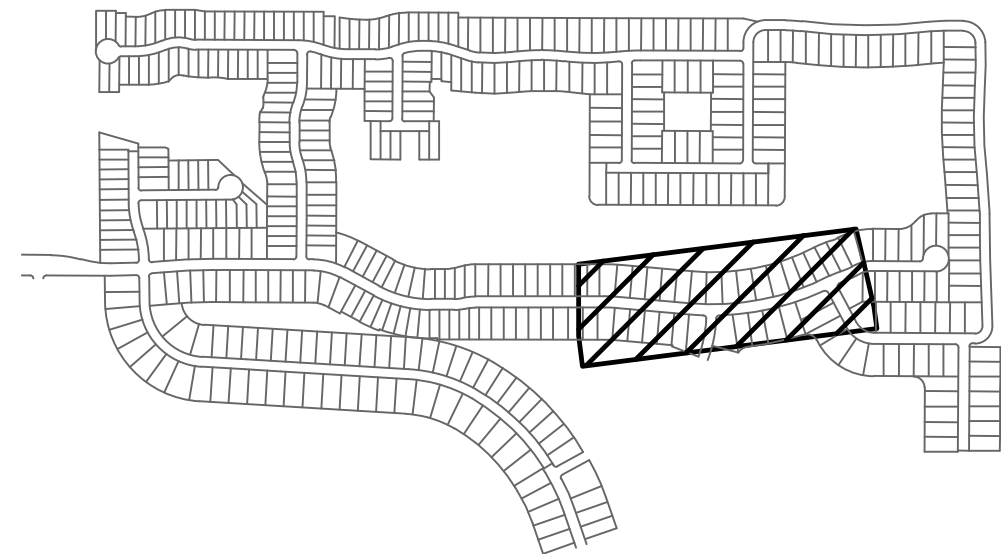
LOT #	WATER SERVICE LOCATION				SANITARY SEWER CLEANOUT			
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
409					#249 SANITARY MH 6-40	29.7	#307 FIRE HYDRANT	7.2
647	#249 SANITARY MH 6-40	49.1	#307 FIRE HYDRANT	54.7	#249 SANITARY MH 6-40	29.4	#307 FIRE HYDRANT	6.6
648	#249 SANITARY MH 6-40	28.8	#307 FIRE HYDRANT	53.1	#249 SANITARY MH 6-40	78.1	#307 FIRE HYDRANT	90.2
646	#248 SANITARY MH 5-33	33.9	#249 SANITARY MH 6-40	126.1	#249 SANITARY MH 6-40	78.1	#307 FIRE HYDRANT	90.3
410	#249 SANITARY MH 6-40	63.2	#307 FIRE HYDRANT	49.5	#249 SANITARY MH 6-40	29.8	#307 FIRE HYDRANT	32.0
649					#249 SANITARY MH 6-40	120.9	#317 INLET 6-139	57.3

SWING TIE INFORMATION—WATERMAIN

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	ELEVATION
#715-8" GATE VALVE	#248 SANITARY MH 5-33	37.2'	#247 SANITARY MH 5-34	198.2'	NUT=12.15
#716-8" X 6" TEE	#249 SANITARY MH 6-40	19.5'	#307 FIRE HYDRANT	12.5'	NUT=12.54
#717-6" GATE VALVE	#249 SANITARY MH 6-40	28.5'	#307 FIRE HYDRANT	3.5'	NUT=12.21
#718-8"x4" REDUCER	#249 SANITARY MH 6-40	19.5'	#307 FIRE HYDRANT	12.5'	T.O.P.=10.49

SWING TIE INFORMATION
SANITARY SEWER MANHOLE & FIRE HYDRANT

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#249 SANITARY MH 6-40	#307 FIRE HYDRANT	32	#317 INLET 6-139	157
#307 FIRE HYDRANT	#249 SANITARY MH 6-40	32	#317 INLET 6-139	145.8



GENERAL SWING-TIE NOTES:

SWING TIES TO MANHOLES ARE TO THE CENTER OF THE MANHOLE.
SWING TIES TO SD (STORM DRAIN STRUCTURES) ARE TO THE CENTER OF THE STRUCTURE

132 STORM DRAIN STRUCTURE NUMBER

10 SANITARY MANHOLE NUMBER

ELEVATIONS ON FITTINGS ARE TO TOP OF FITTING.
ELEVATIONS ON GATE VALVES ARE TO TOP OF OPERATING NUT.



WATER & SEWER
UTILITY RECORD DRAWING

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		719-722,735-737
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SARASOTA, FL 34240
LB #4334
PHONE: (941) 377-9178

PROJECT: TOSCANA ISLES PHASE 6	SCALE: V:1"=4' H:1"=40'	APPROVED BY: D. SHAWN LEINS, PE	DRAWN BY: CD
DATE: 06/03/20	CLIENT: LALP DEVELOPMENT, LLC	FLORIDA CERTIFICATE NO: 41078	DRWG. NO: VANG0015-35-PP
TITLE: UTILITY PLAN SWING TIES	SHEET NO: 35A	JOB NO: VANG0015	

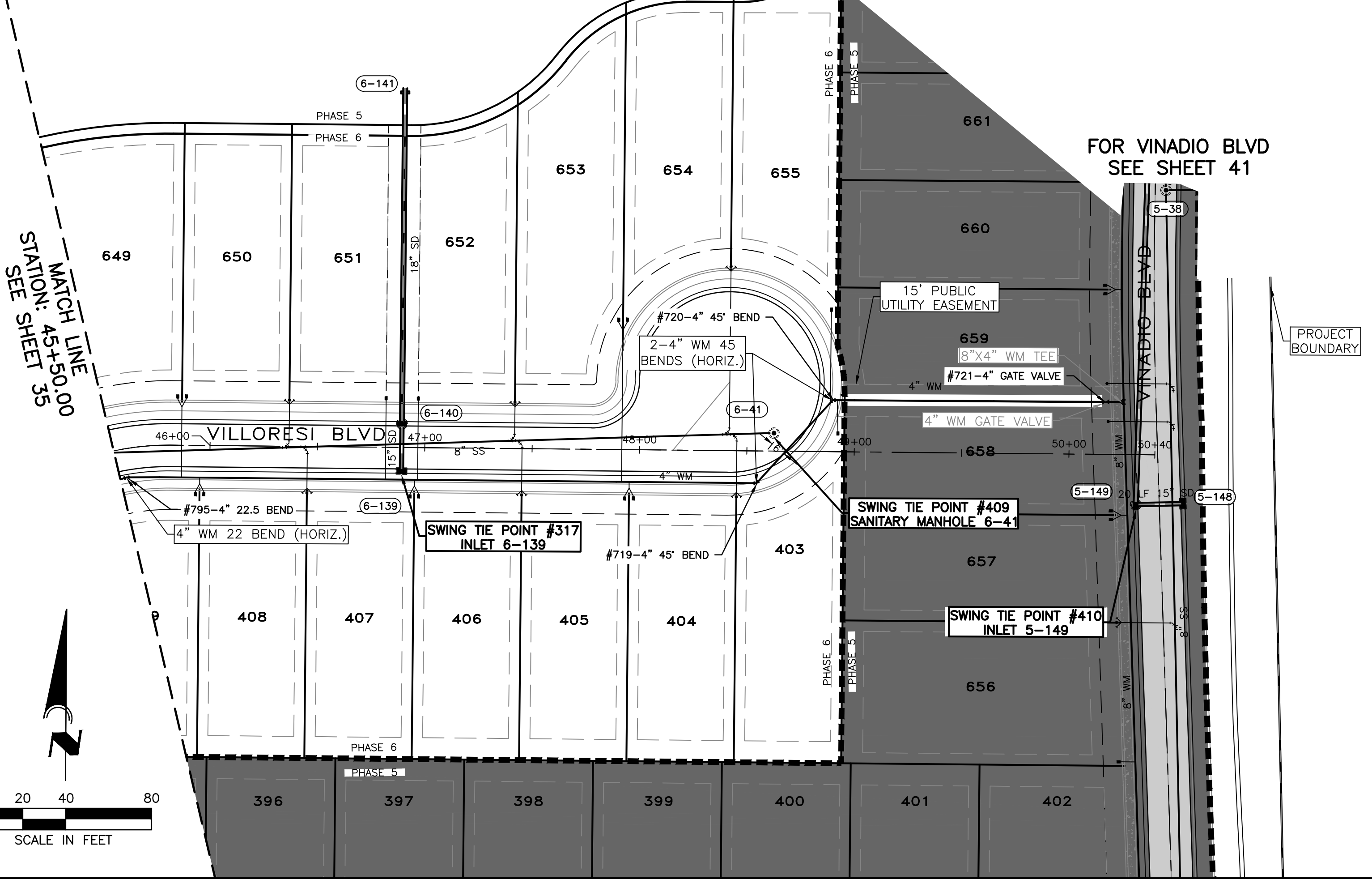
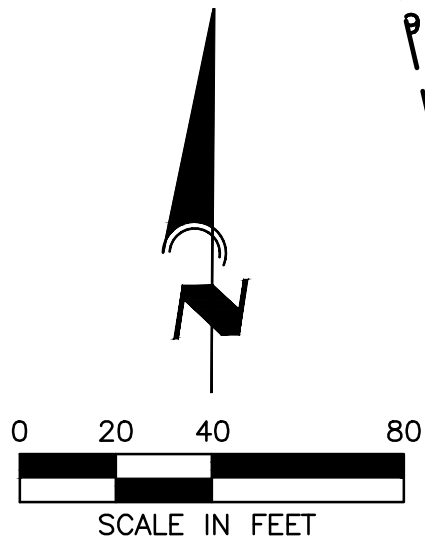


RECORD DRAWINGS

June 17, 2021

APPROVED

MATCH LINE
STATION: 45+50.00
SEE SHEET 35



FOR VINADIO BLVD
SEE SHEET 41

SWING TIE INFORMATION—WATER & SANITARY SEWER SERVICES

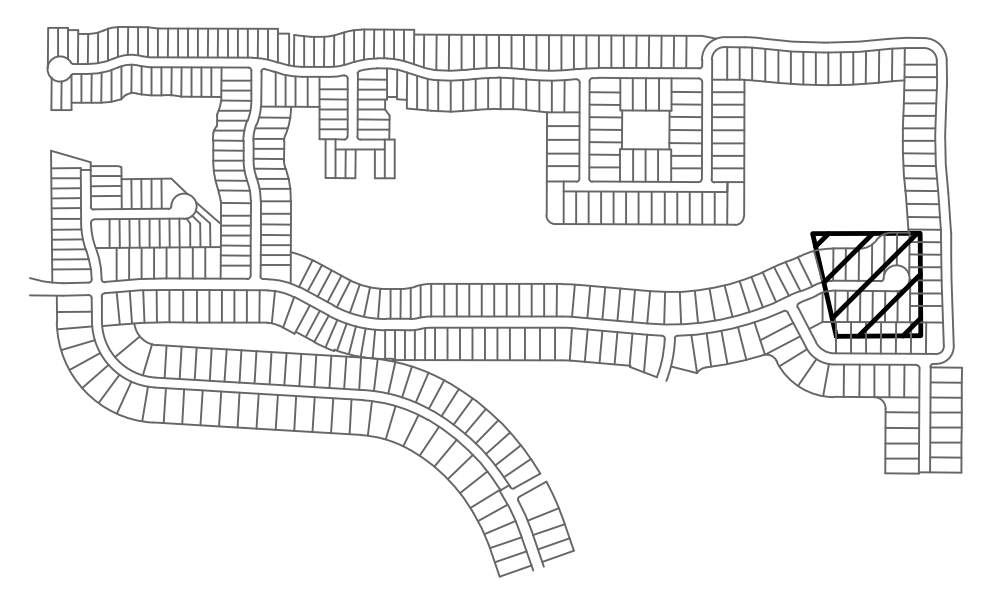
LOT #	WATER SERVICE LOCATION				SANITARY SEWER CLEANOUT			
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
403	#409 SANITARY MH 6-41	29.8	#317 INLET 6-139	174.1				
404	#409 SANITARY MH 6-41	71.9	#317 INLET 6-139	108.5	#409 SANITARY MN 6-41	34.4	#317 INLET 6-139	156.5
405	#409 SANITARY MH 6-41	75.4	#317 INLET 6-139	104.5				
406	#409 SANITARY MH 6-41	167.9	#317 INLET 6-139	14.3	#409 SANITARY MN 6-41	120.9	#317 INLET 6-139	57.3
407	#409 SANITARY MH 6-41	171.8	#317 INLET 6-139	12.4				
408	#409 SANITARY MH 6-41	267	#317 INLET 6-139	92.7	#409 SANITARY MN 6-41	219.2	#317 INLET 6-139	45
409	#409 SANITARY MH 6-41	271	#317 INLET 6-139	96.4				
649	#409 SANITARY MH 6-41	181.3	#317 INLET 6-139	34	#409 SANITARY MN 6-41	226	#317 INLET 6-139	62
650	#409 SANITARY MH 6-41	166	#317 INLET 6-139	34	#409 SANITARY MN 6-41	121	#317 INLET 6-139	62
653	#409 SANITARY MH 6-41	89.0	#307 FIRE HYDRANT	121.9	#409 SANITARY MN 6-41	121.4	#317 INLET 6-139	61.3
654	#409 SANITARY MH 6-41	85.8	#307 FIRE HYDRANT	85.8				
655	#409 SANITARY MH 6-41	62.7	#307 FIRE HYDRANT	174.2	#409 SANITARY MN 6-41	79.9	#317 INLET 6-139	180.0
651	#409 SANITARY MH 6-41	181.4	#317 INLET 6-139	32.3	#409 SANITARY MN 6-41	121	#317 INLET 6-139	62
652	#409 SANITARY MH 6-41	166.4	#317 INLET 6-139	35.4	#409 SANITARY MN 6-41	121.5	#317 INLET 6-139	61.9

SWING TIE INFORMATION—WATERMAIN

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	ELEVATION
#720 4" 45° BEND	#409 SANITARY MH 6-41	31.3	#317 INLET 6-139	203.2	
#719 4" 45° BEND	#409 SANITARY MH 6-41	24.6	#317 INLET 6-139	165.4	
#795 4" 22.5° BEND	#409 SANITARY MH 6-41	302.1	#317 INLET 6-139	128.0	

SWING TIE INFORMATION – SANITARY SEWER MANHOLE

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#409 SANITARY MH 6-41	#317 INLET 6-139	174.3	#721-4" GATE VALVE	155.1



GENERAL SWING—TIE NOTES:

SWING TIES TO MANHOLES ARE TO THE CENTER OF THE MANHOLE.
SWING TIES TO SD (STORM DRAIN STRUCTURES) ARE TO THE CENTER OF THE STRUCTURE

- (132) STORM DRAIN STRUCTURE NUMBER
(10) SANITARY MANHOLE NUMBER

ELEVATIONS ON FITTINGS ARE TO TOP OF FITTING.
ELEVATIONS ON GATE VALVES ARE TO TOP OF OPERATING NUT.

WATER & SEWER
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REVISIONS		
BY	DATE	DESCRIPTION
CD	5/29/19	ADJUSTED INVS OF SMH 5-16,6-20, AND STM INVS 5-290,5-291
CD	6/5/19	MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,560
		719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING

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LB #4334
PHONE: (941) 377-9178

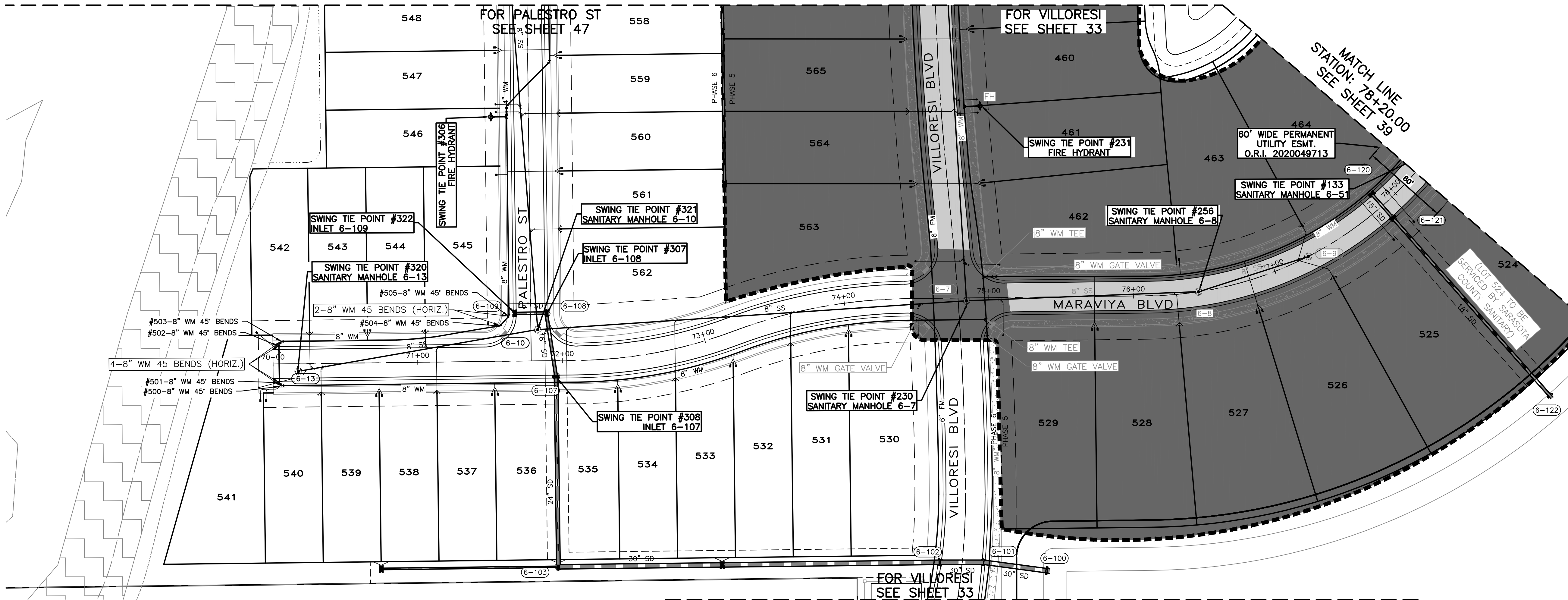
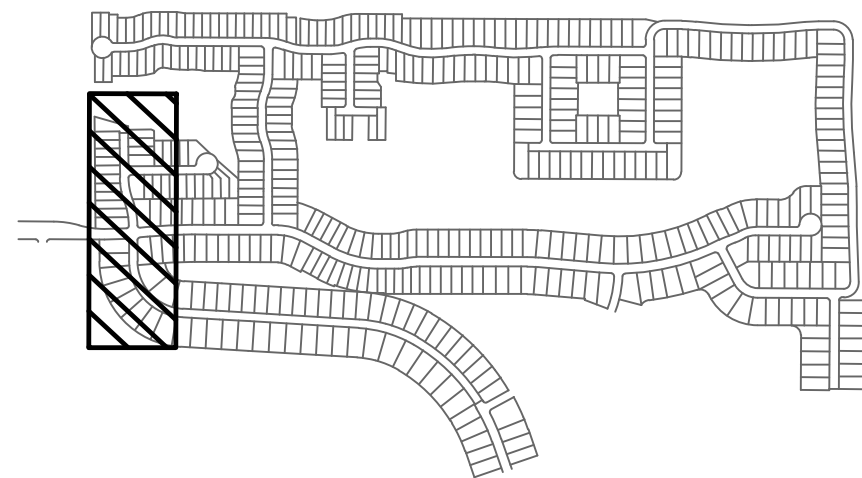
PROJECT: TOSCANA ISLES PHASE 6	SCALE: V:1"=4' H:1"=40'	APPROVED BY: D. SHAWN LEINS, PE FLORIDA CERTIFICATE NO: 41078	DRAWN BY: CD
DATE: 06/03/20	CLIENT: LALP DEVELOPMENT, LLC	TITLE: UTILITY PLAN SWING TIES	DRWG. NO: VANG0015-36-PP JOB NO: VANG0015 SHEET NO: 36A



RECORD DRAWINGS

June 17, 2021

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SWING TIE INFORMATION-WATER & SANITARY SEWER SERVICES

LOT #	WATER SERVICE LOCATION				SANITARY SEWER CLEANOUT			
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
530	#321 SANITARY MN 6-10	216.6	#230 SANITARY MH 6-7	82.9	#308 INLET 6-107	252.1	#230 SANITARY MH 6-7	41.8
531	#321 SANITARY MN 6-10	212.6	#230 SANITARY MH 6-7	82.8				
532	#308 INLET 6-107	125.6	#230 SANITARY MH 6-7	165.6	#321 SANITARY MH 6-10	87.9	#230 SANITARY MH 6-7	127.3
533	#308 INLET 6-107	122.4	#230 SANITARY MH 6-7	169.5	#308 INLET 6-107	83.9	#307 INLET 6-108	101.6
534	#308 INLET 6-107	46.8	#307 INLET 6-108	75.2	#308 INLET 6-107	13.7	#321 SANITARY MH 6-10	48.3
535	#308 INLET 6-107	43.6	#307 INLET 6-108	72.9	#308 INLET 6-107	13.7	#321 SANITARY MH 6-10	44.3
536	#308 INLET 6-107	41.9	#307 INLET 6-108	67.1	#308 INLET 6-107	83.2	#321 SANITARY MH 6-10	82.4
537	#308 INLET 6-107	44.9	#307 INLET 6-108	68.4				
538	#320 SANITARY MH 6-13	59.7	#308 INLET 6-107	120.8				
539	#320 SANITARY MH 6-13	56.5	#308 INLET 6-107	123.9				
540	#320 SANITARY MH 6-13	31.3	#308 INLET 6-107	201.3	#320 SANITARY MH 6-13	23.3	#308 INLET 6-107	161.8
541	#320 SANITARY MH 6-13	30.9	#308 INLET 6-107	202.8	#320 SANITARY MH 6-13	29.1	#308 INLET 6-107	203.2
542	#320 SANITARY MH 6-13	40.4	#307 INLET 6-108	200.6	#320 SANITARY MH 6-13	29.4	#307 INLET 6-108	164.2
543	#320 SANITARY MH 6-13	54.5	#307 INLET 6-108	125.8	#320 SANITARY MH 6-13	29.4	#307 INLET 6-108	164.2
544	#320 SANITARY MH 6-13	57.2	#307 INLET 6-108	122.5	#307 INLET 6-108	84.5	#320 SANITARY MH 6-13	92.2
545	#321 SANITARY MH 6-10	34.6	#322 INLET 6-109	19.3	#307 INLET 6-108	84.5	#320 SANITARY MH 6-13	92.2

SWING TIE INFORMATION-WATERMAIN

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#500-8" 45° BEND	#320 SANITARY MH 6-13	14.8	#321 SANITARY MH 6-10	180.7
#501-8" 45° BEND	#320 SANITARY MH 6-13	15.3	#321 SANITARY MH 610	182.3
#502-8" 45° BEND	#320 SANITARY MH 6-13	23.0	#321 SANITARY MH 610	179.2
#503-8" 45° BEND	#320 SANITARY MH 6-13	23.6	#321 SANITARY MH 610	177.2
#504-8" 45° BEND	#321 SANITARY MH 6-10	26.0	#306 FIRE HYDRANT	144.3
#505-8" 45° BEND	#321 SANITARY MH 6-10	21.9	#306 FIRE HYDRANT	138.4
#789-8" GATE VALVE	#230 SANITARY MH 6-7	39.8	#231 FIRE HYDRANT	155.7

SWING TIE INFORMATION SANITARY SEWER MANHOLE & FIRE HYDRANT

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#321 SANITARY MH 6-10	#307 INLET 6-108	13	#308 INLET 6-107	34.8
#320 SANITARY MH 6-13	#307 INLET 6-108	176.6	#322 INLET 6-109	154.6

GENERAL SWING-TIE NOTES:

SWING TIES TO MANHOLES ARE TO THE CENTER OF THE MANHOLE.
SWING TIES TO SD (STORM DRAIN STRUCTURES) ARE TO THE CENTER OF THE STRUCTURE

(132) STORM DRAIN STRUCTURE NUMBER

(10) SANITARY MANHOLE NUMBER

ELEVATIONS ON FITTINGS ARE TO TOP OF FITTING.
ELEVATIONS ON GATE VALVES ARE TO TOP OF OPERATING NUT.

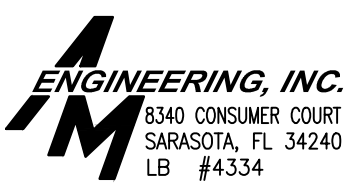
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REVISIONS

BY	DATE	DESCRIPTION
CD	5/29/19	ADJUSTED INVS OF SMH 5-16,6-20, AND STM INVS 5-290,5-291
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		719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING



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PHONE: (941) 377-9178

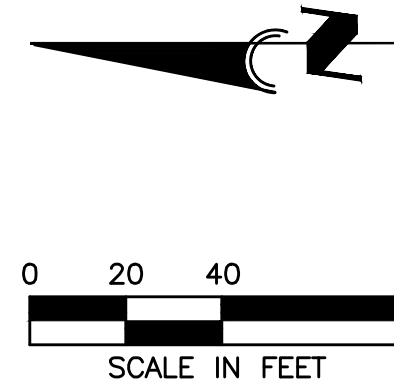
PROJECT: TOSCANA ISLES PHASE 6	APPROVED BY: D. SHAWN LEINS, PE	DATE: 06/03/20	FLORIDA CERTIFICATE NO: 41078
SCALE: V:1"=4' H:1"=40'	CLIENT: LALP DEVELOPMENT, LLC	TITLE: UTILITY PLAN SWING TIES	
DRWN BY: CD	DRAWG. NO: VANG0015-38-PP	JOB NO: VANG0015	SHEET NO: 38A



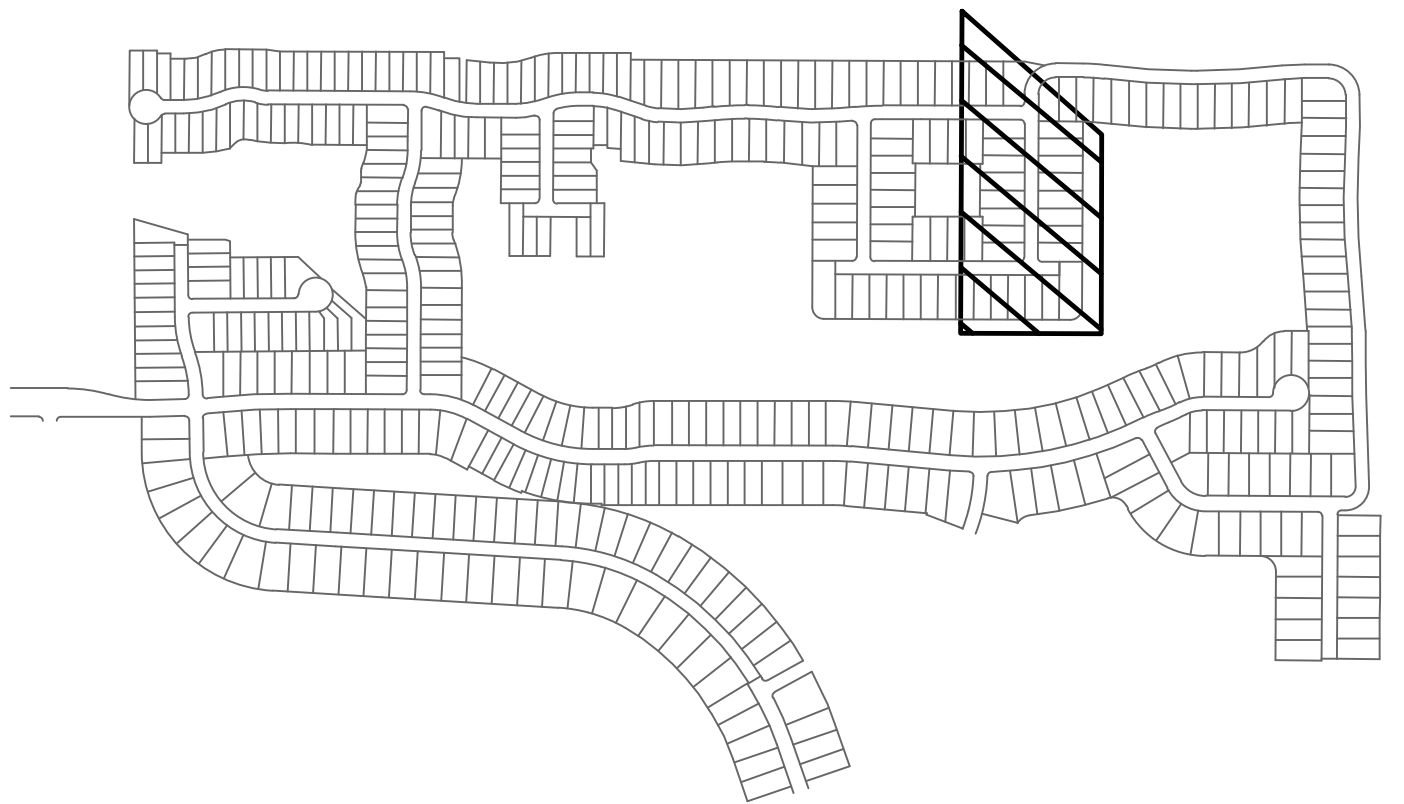
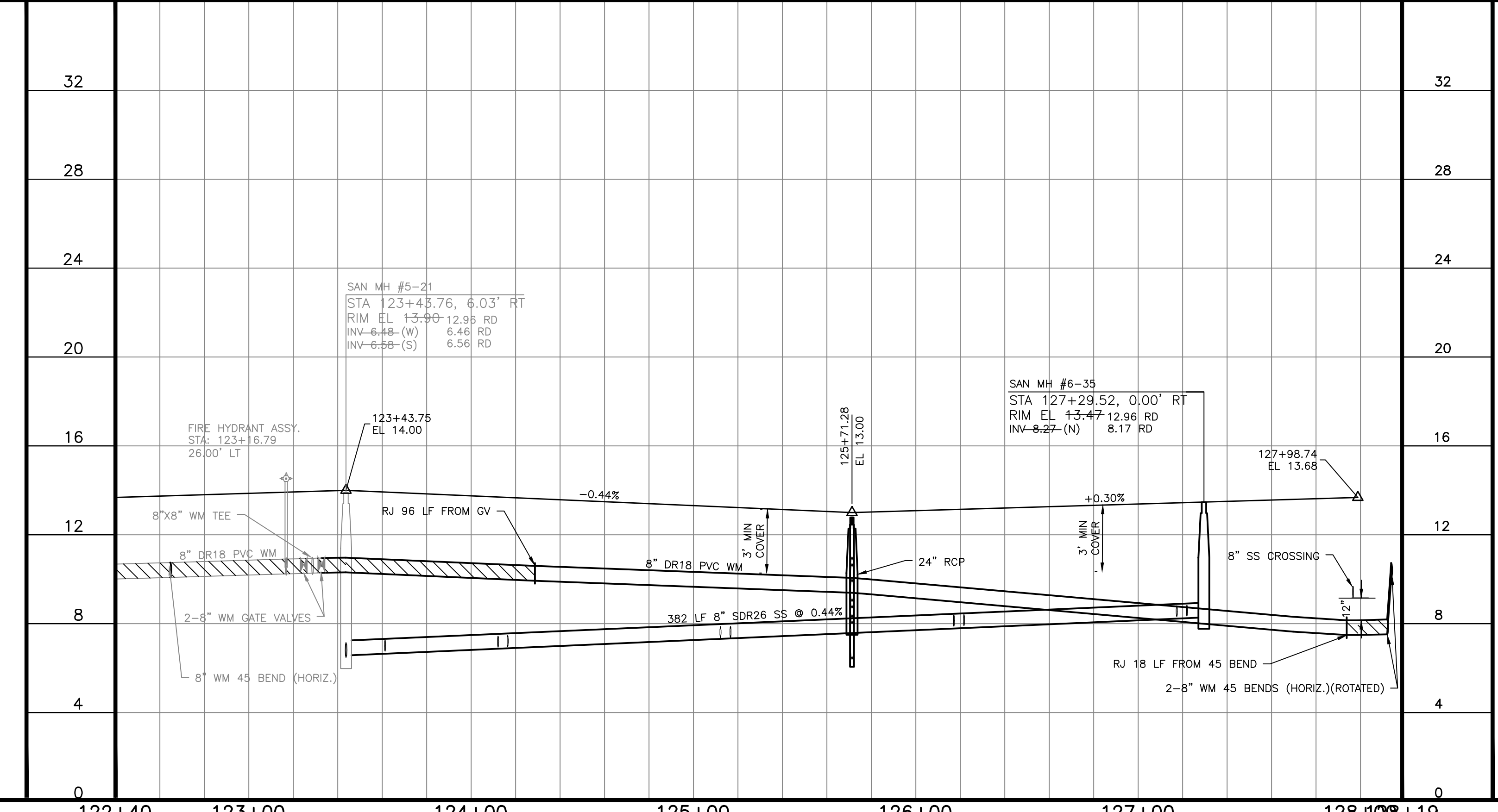
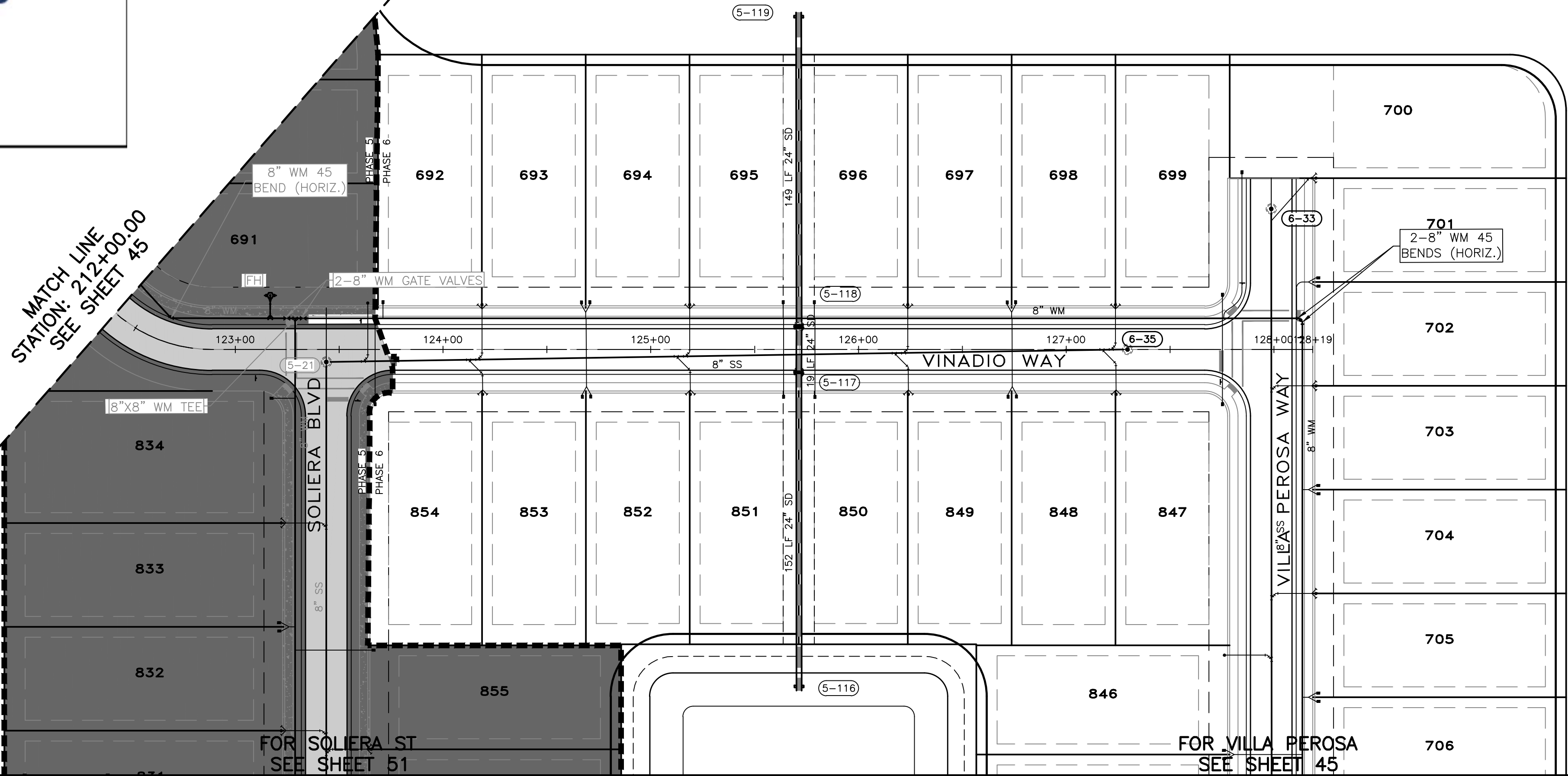
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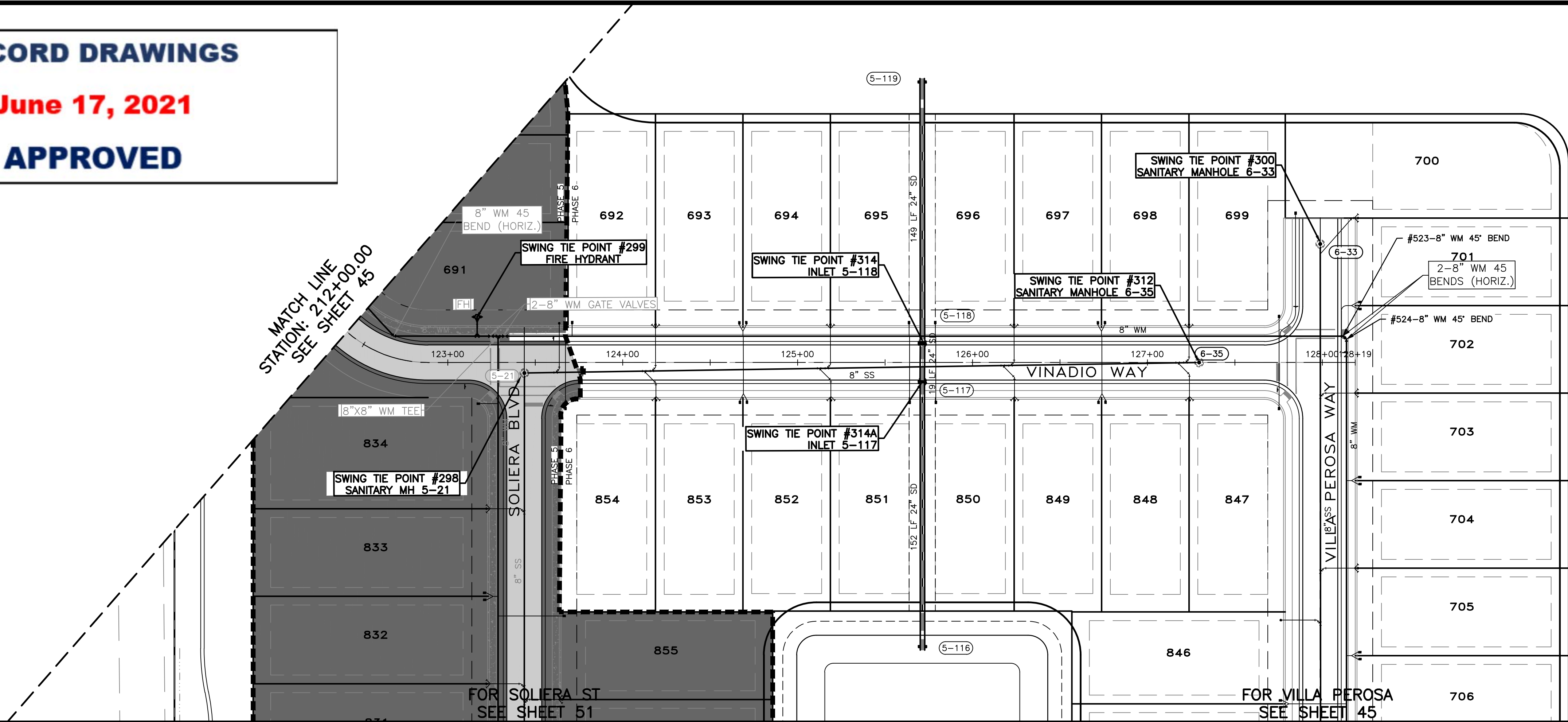
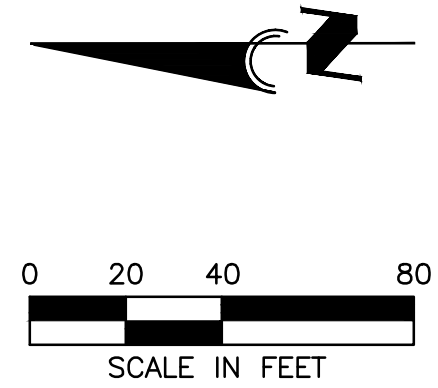
PROJECT: TOSCANA ISLES PHASE 6
SCALE: V:1"=4' H:1"=40'
DATE: 06/03/20
CLIENT: LALP DEVELOPMENT, LLC
TITLE: PLAN & PROFILE
APPROVED BY: D. SHAWN LEINS, PE
FLORIDA CERTIFICATE NO: 41078
DRAWN BY: MSL
DRWG. NO: VANG0015-44-PP
JOB NO: VANG0015
SHEET NO: 44



RECORD DRAWINGS

June 17, 2021

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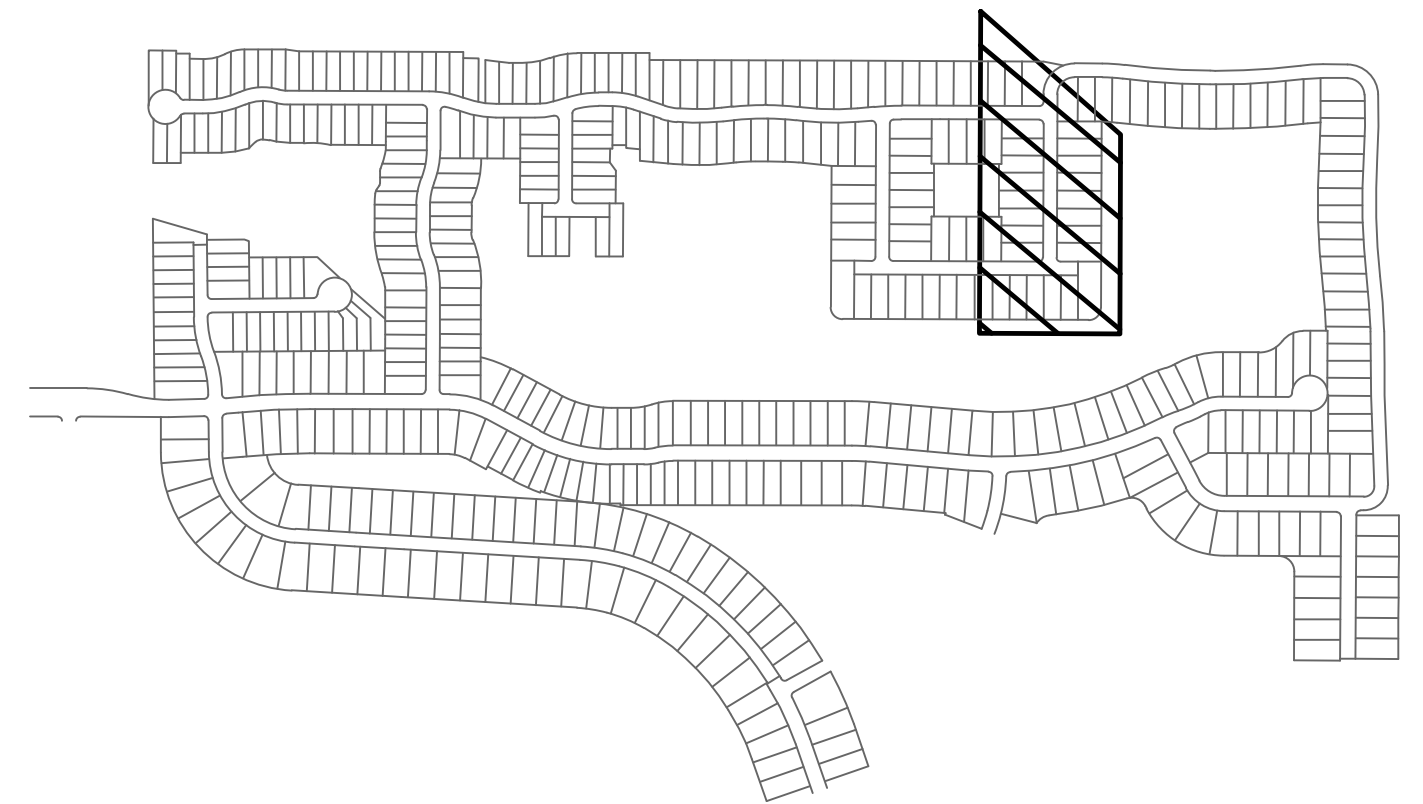


SWING TIE INFORMATION-WATER & SANITARY SEWER SERVICES

LOT #	WATER SERVICE LOCATION				SANITARY SEWER CLEANOUT			
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
699	#300 SANITARY MH 6-33	47.5	#312 SANITARY MH 6-35	53.6	#312 SANITARY MH 6-35	25.3	#300 SANITARY MH 6-33	87.3
698	#312 SANITARY MH 6-35	58.8	#314 INLET 5-118	101	#312 SANITARY MH 6-35	25.3	#300 SANITARY MH 6-33	87.3
697	#312 SANITARY MH 6-35	61.3	#314 INLET 5-118	98.3	#314 INLET 5-118	50.2	#312 SANITARY MH 6-35	107.5
696	#314 INLET 5-118	14.1	#312 SANITARY MH 6-35	149.7	#314 INLET 5-118	50.2	#312 SANITARY MH 6-35	107.5
695	#314 INLET 5-118	17.9	#312 SANITARY MH 6-35	168.3	#314 INLET 5-118	57.4	#298 SANITARY MH 5-21	177.3
694	#314 INLET 5-118	104.9	#298 SANITARY MH 5-21	130.2	#314 INLET 5-118	57.4	#298 SANITARY MH 5-21	177.3
693	#314 INLET 5-118	107.8	#298 SANITARY MH 5-21	127.4	#299 FIRE HYDRANT	102	#314 INLET 5-118	135.19
854	#298 SANITARY MH 5-21	33.6	#299 FIRE HYDRANT	75.3	#299 FIRE HYDRANT	112.8	#314 INLET 5-118	166
853	#298 SANITARY MH 5-21	77.1	#299 FIRE HYDRANT	113.3	#298 SANITARY MH 5-21	33.6	#299 FIRE HYDRANT	75.3
852	#298 SANITARY MH 5-21	128.4	#299 FIRE HYDRANT	161.9	#314 INLET 5-118	37.2	#312 SANITARY MH 6-35	167.7
692	#314 INLET 5-118	110.1	#298 SANITARY MH 5-21	127.9	#314 INLET 5-118	110.1	#298 SANITARY MH 5-21	127.9
851	#314 INLET 5-118	37.2	#312 SANITARY MH 6-35	167.7	#314 INLET 5-118	37.2	#312 SANITARY MH 6-35	167.7
850	#314 INLET 5-118	35.4	#312 SANITARY MH 6-35	149.1	#314 INLET 5-118	35.4	#312 SANITARY MH 6-35	149.1
849	#312 SANITARY MH 6-35	60.2	#314 INLET 5-118	103.8	#312 SANITARY MH 6-35	60.2	#314 INLET 5-118	103.8
848	#312 SANITARY MH 6-35	57.5	#314 INLET 5-118	106.5	#312 SANITARY MH 6-35	57.5	#314 INLET 5-118	106.5
847	#312 SANITARY MH 6-35	52.2	#300 SANITARY MH 6-33	98.7	#312 SANITARY MH 6-35	52.2	#300 SANITARY MH 6-33	98.7

SWING TIE INFORMATION SANITARY SEWER MANHOLE & FIRE HYDRANT

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#312 SANITARY MH 6-35	#314A INLET 5-117	158.6	#314 INLET 5-118	158.6



GENERAL SWING-TIE NOTES:

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- (132) STORM DRAIN STRUCTURE NUMBER
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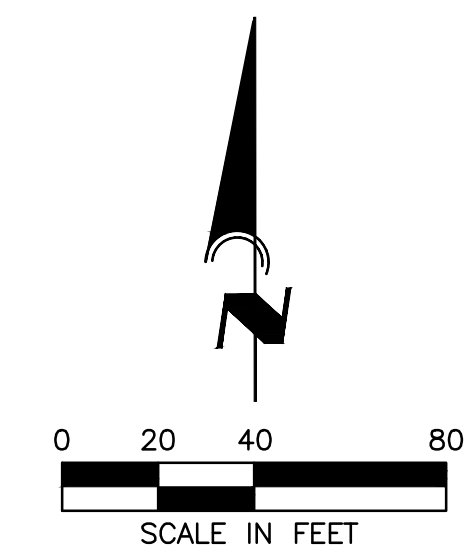
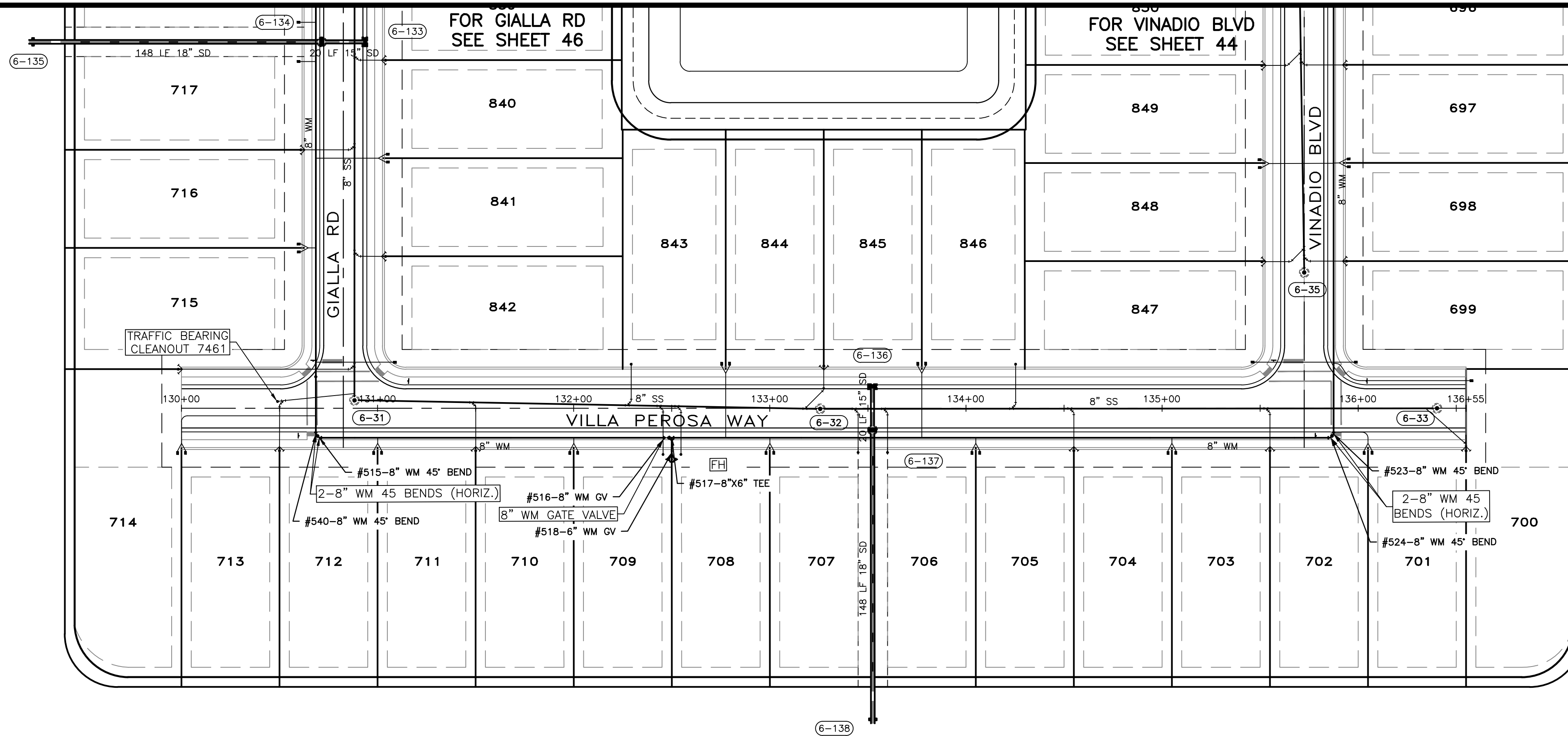
REVISIONS

BY	DATE	DESCRIPTION
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CT	03/29/21	UTILITY RECORD DRAWING



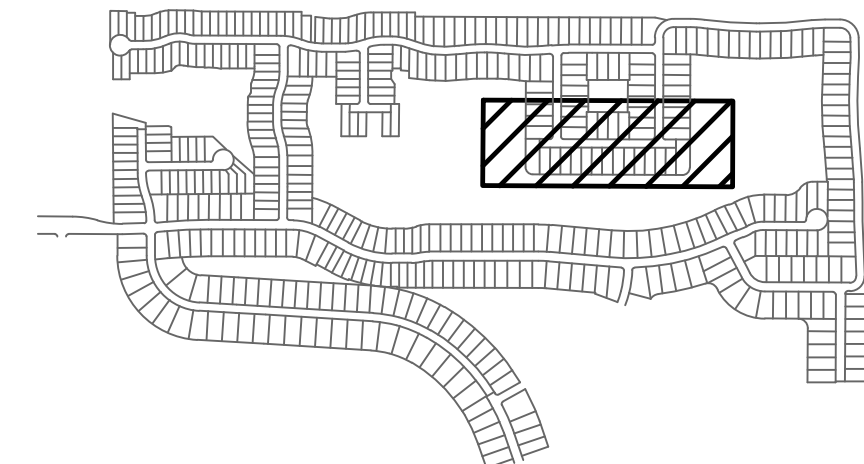
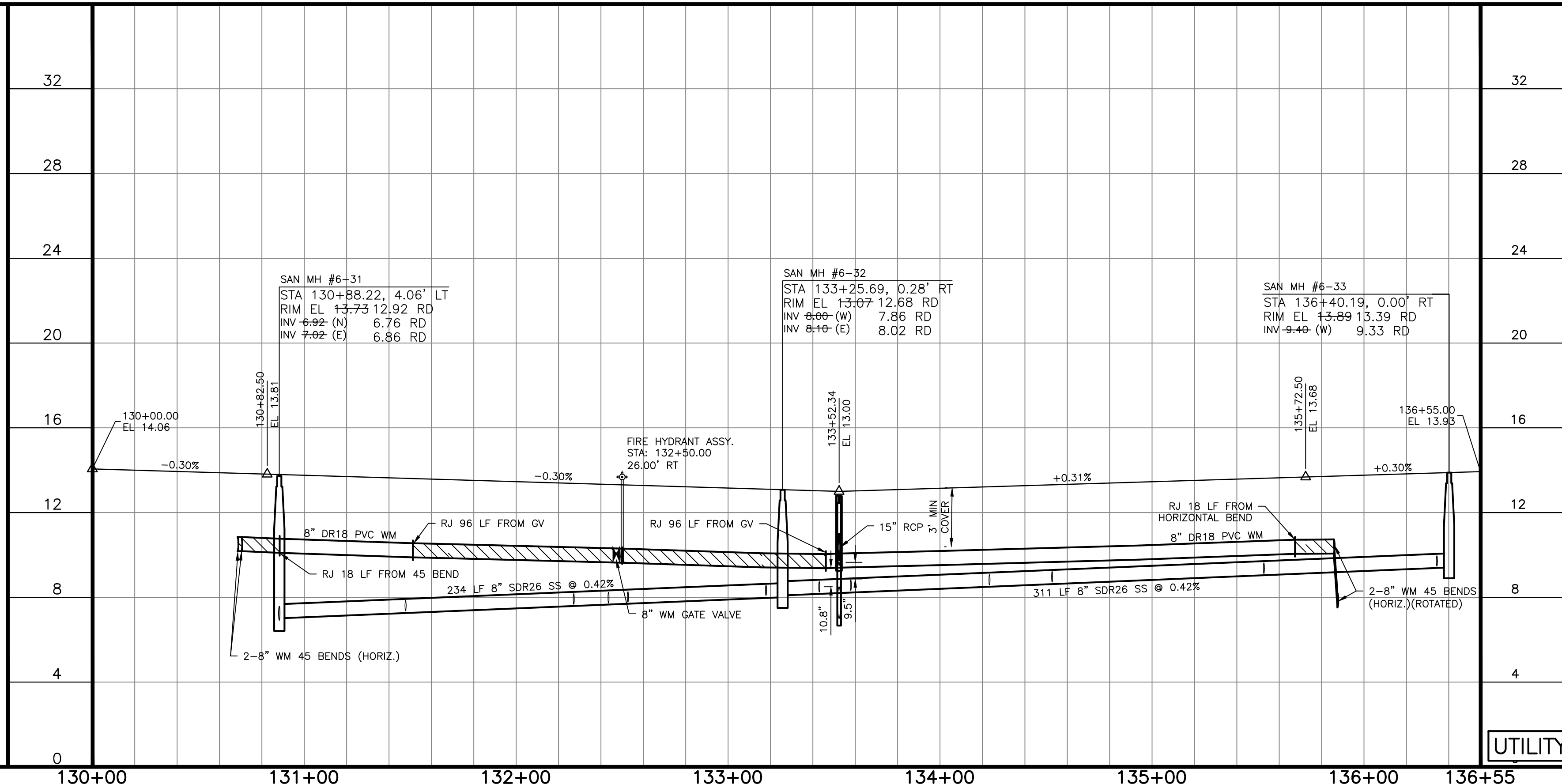
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PROJECT: TOSCANA ISLES PHASE 6	SCALE: V:1"=4' H:1"=40'	APPROVED BY: D. SHAWN LEINS, PE	DATE: 06/03/20	FLORIDA CERTIFICATE NO: 41078
CLIENT: LALP DEVELOPMENT, LLC	TITLE: UTILITY PLAN SWING TIES	DRWG. NO: VANG0015-44-PP	JOB NO: VANG0015	SHEET NO: 44A





RECORD DRAWINGS
June 17, 2021
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CD	6/5/19	MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,560
CT	03/29/21	719-722,735-737 UTILITY RECORD DRAWING

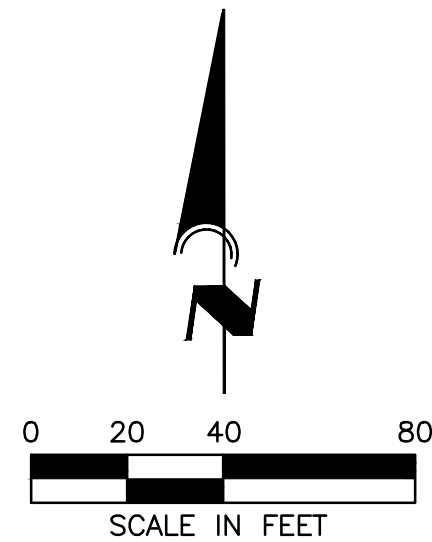


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LB #4334
PHONE: (941) 377-9178

PROJECT: **TOSCANA ISLES PHASE 6**
SCALE: V:1"=4' H:1"=40'
DATE: 06/03/20
CLIENT: LALP DEVELOPMENT, LLC
TITLE: PLAN & PROFILE

APPROVED BY: D. SHAWN LEINS, PE
FLORIDA CERTIFICATE NO: 41078

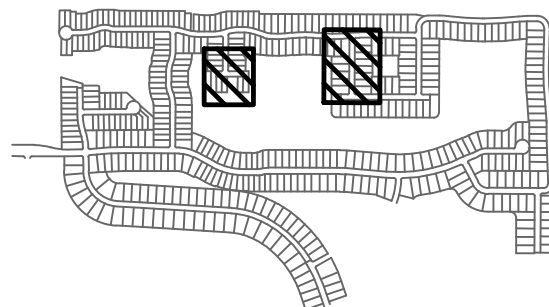
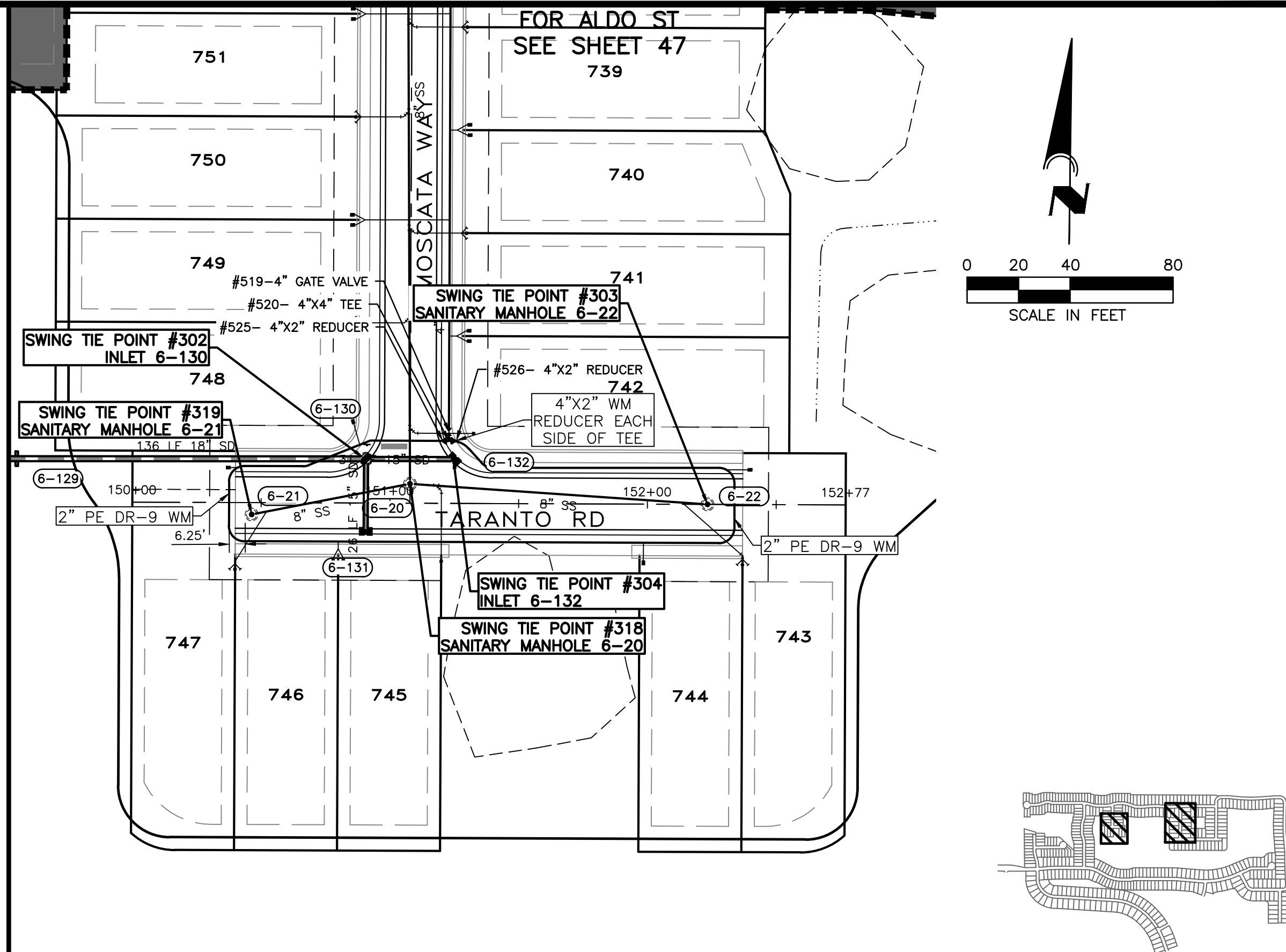
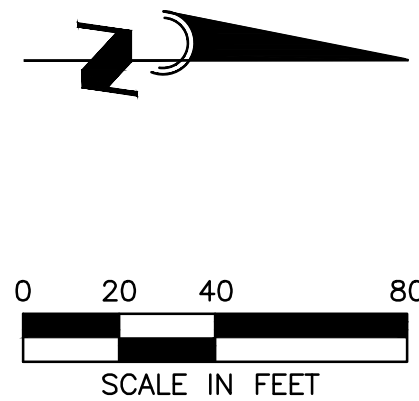
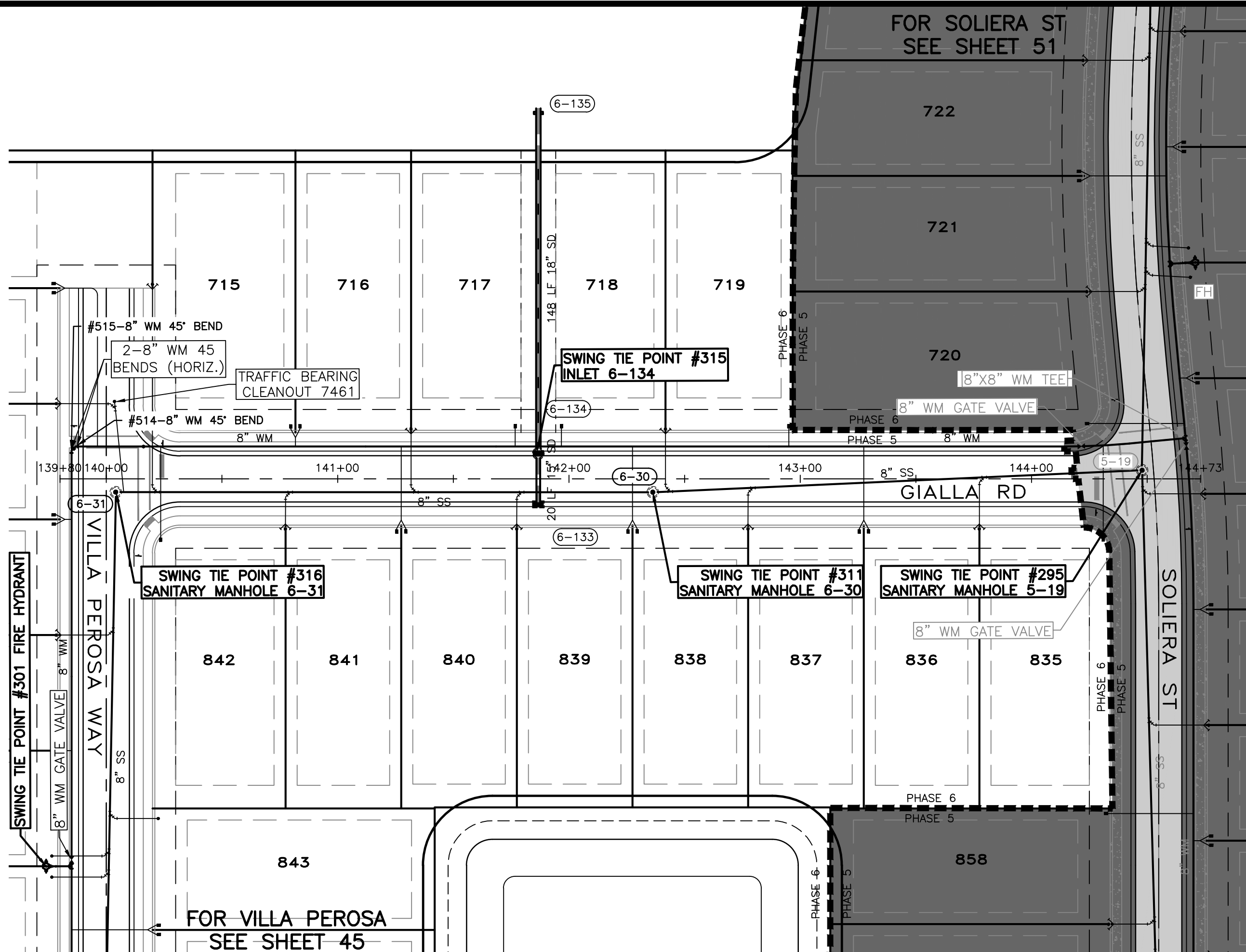
DRAWN BY: CD
DRWG. NO: VANG0015-45-PP
JOB NO: VANG0015
SHEET NO: 45



A schematic diagram of a road network. The network consists of various road segments represented by parallel lines. A rectangular area in the upper-middle part of the diagram is highlighted with diagonal hatching. This highlighted area is bounded by a solid black line. The roads within and around this area are drawn with multiple parallel lines, indicating different road types or lane configurations. The overall layout shows a complex, interconnected road system.

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#316 SAN. MH 6-31	#516-8" WM GATE VALVE	160.1	#301 FIRE HYDRANT	164.5
#301 FIRE HYDRANT	#316 SAN. MH 6-31	164.5	#352 SAN. MH 6-32	80
#352 SAN. MH 6-32	#301 FIRE HYDRANT	80	#313 INLET 6-136	57.8
#300 SAN. MH 6-33	#313 INLET 6-136	288	#312 SAN. MH 6-35	194

©AM Engineering 2021 Saved: 6/7/2021 5:33:47 AM CTARMAN | Plotted: 6/07/2021 5:35:45 AM CTARMAN | V:\active\VANG0015-UNIT 3\design\active\osbutils\utility_Phase_6\VANG0015-45-PP.dwg | sheet 2



SWING TIE INFORMATION-WATER & SANITARY SEWER SERVICES

LOT #	WATER SERVICE LOCATION				SANITARY SEWER CLEANOUT			
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
842	#316 SANITARY MH 6-31	29.4	#301 FIRE HYDRANT	148.1	#316 SANITARY MH 6-31	74.4	#315 INLET 6-134	112.5
841	#315 INLET 6-134	68.7	#311 SANITARY MH6-30	112.4	#316 SANITARY MH 6-31	74.4	#315 INLET 6-134	112.5
840	#315 INLET 6-134	65.3	#311 SANITARY MH6-30	108.4	#315 INLET 6-134	34.4	#311 SANITARY MH6-30	60
839	#311 SANITARY MH6-30	19.2	#315 INLET 6-134	53.3	#315 INLET 6-134	34.4	#311 SANITARY MH6-30	60
838	#311 SANITARY MH6-30	17.2	#315 INLET 6-134	56.4	#311 SANITARY MH6-30	43.5	#315 INLET 6-134	98.7
837	#311 SANITARY MH6-30	90.2	#295 SANITARY MH 5-19	127.2	#311 SANITARY MH6-30	43.5	#315 INLET 6-134	98.7
836	#311 SANITARY MH6-30	94.1	#295 SANITARY MH 5-19	123.4	#311 SANITARY MH6-30	142.1	#315 INLET 6-134	193.4
835	#295 SANITARY MH 5-19	37.9	#311 SANITARY MH6-30	194.2	#295 SANITARY MH 5-19	77.3	#311 SANITARY MH6-30	141.5
719	#311 SANITARY MH6-30	66	#315 INLET 6-134	110.5	#311 SANITARY MH6-30	31.4	#315 INLET 6-134	57.9
718	#315 INLET 6-134	16.5	#311 SANITARY MH6-30	52.4	#311 SANITARY MH6-30	31.4	#315 INLET 6-134	57.9
717	#315 INLET 6-134	14.4	#311 SANITARY MH6-30	66.5	#315 INLET 6-134	54.4	#311 SANITARY MH6-30	109.4
716	#316 SANITARY MH 6-31	83.9	#315 INLET 6-134	101.9	#316 SANITARY MH 6-31	54.4	#315 INLET 6-134	109.4
715	#316 SANITARY MH 6-31	79.9	#315 INLET 6-134	106.1	#316 SANITARY MH 6-31	33.4	#315 INLET 6-134	171.1

SWING TIE INFORMATION-WATERMAIN

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#514-8" GATE VALVE	#301 FIRE HYDRANT	182.4	#317 SAN. MH 6-32	29.5'
#515-8" GATE VALVE	#301 FIRE HYDRANT	180.0'	#317 SAN. MH 6-32	26.1'
#519-4" GATE VALVE	#318 SAN. HM 6-20	25.1'	#319 SAN. MH 6-21	82.9'
#520-4"x4" WM TEE	#318 SAN. HM 6-20	22.4'	#319 SAN. MH 6-21	81.7'
#525-4"x2" REDUCER	#318 SAN. HM 6-20	20.9'	#317 SAN. MH 6-21	79.4'
#526-4"x2" REDUCER	#318 SAN. HM 6-20	24.2'	#317 SAN. MH 6-21	84.1'

SWING TIE INFORMATION SANITARY SEWER MANHOLE & FIRE HYDRANT

DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#311 SAN. MH 6-30	#315 INLET 6-134	104.4	#295 SAN. MH 5-19	211.6
#318 SAN. MH 6-20	#302 INLET 6-130	19.7	#304 INLET 6-132	19.6
#319 SAN. MH 6-21	#302 INLET 6-130	49.3	#304 INLET 6-132	162.8
#303 SAN. MH 6-22	#318 SAN. MH 6-20	115.7	#304 INLET 6-132	99.8

SWING TIE INFORMATION-WATER & SANITARY SEWER SERVICES

LOT #	WATER SERVICE LOCATION				SANITARY SEWER CLEANOUT			
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
743	#303 SANITARY MH 6-22	22.9	#304 INLET 6-132	115.5	#303 SANITARY MH 6-22	27.1	#304 INLET 6-132	120.7
744	#303 SANITARY MH 6-22	32.7	#304 INLET 6-132	87.3	#304 INLET 6-132	41.4	#302 INLET 6-130	48.7
745	#302 INLET 6-130	43.4	#304 INLET 6-132	60.1	#302 INLET 6-130	65.5	#304 INLET 6-132	93.3
746	#302 INLET 6-130	44.2	#304 INLET 6-132	62.2	#302 INLET 6-130	65.5	#304 INLET 6-132	93.3
747	#302 INLET 6-130	53.8	#304 INLET 6-132	86.4	#302 INLET 6-130	52.7	#304 INLET 6-132	65.1



RECORD DRAWINGS

June 17, 2021

APPROVED

UTILITY RECORD DRAWING

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1-800-432-4770

THE CONTRACTOR SHALL NOTIFY "SUNSHINE STATE ONE-CALL CENTER" AND ALL OTHER UTILITIES FOR LOCATION OF EXISTING FACILITIES PRIOR TO BEGINNING CONSTRUCTION.

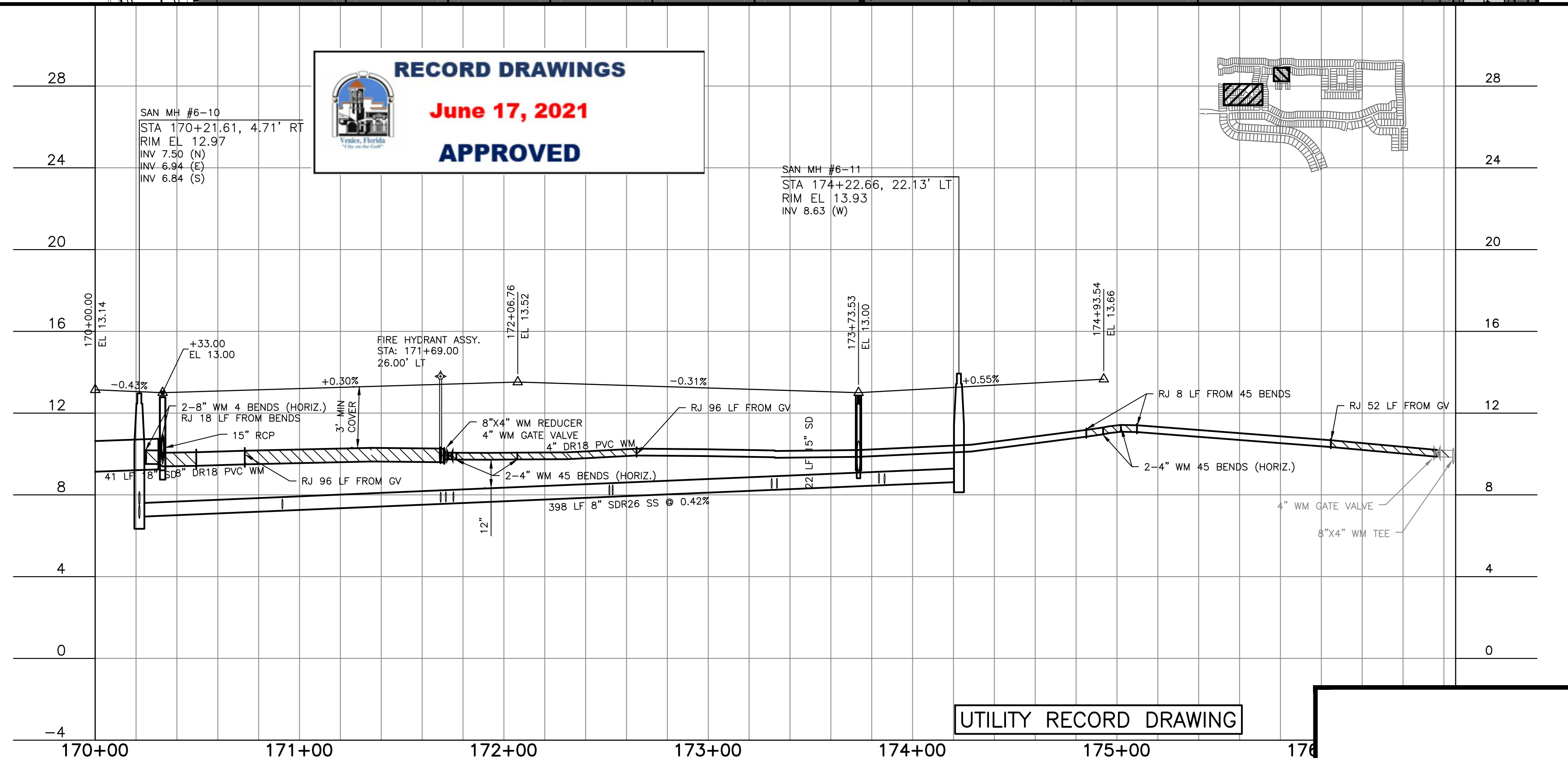
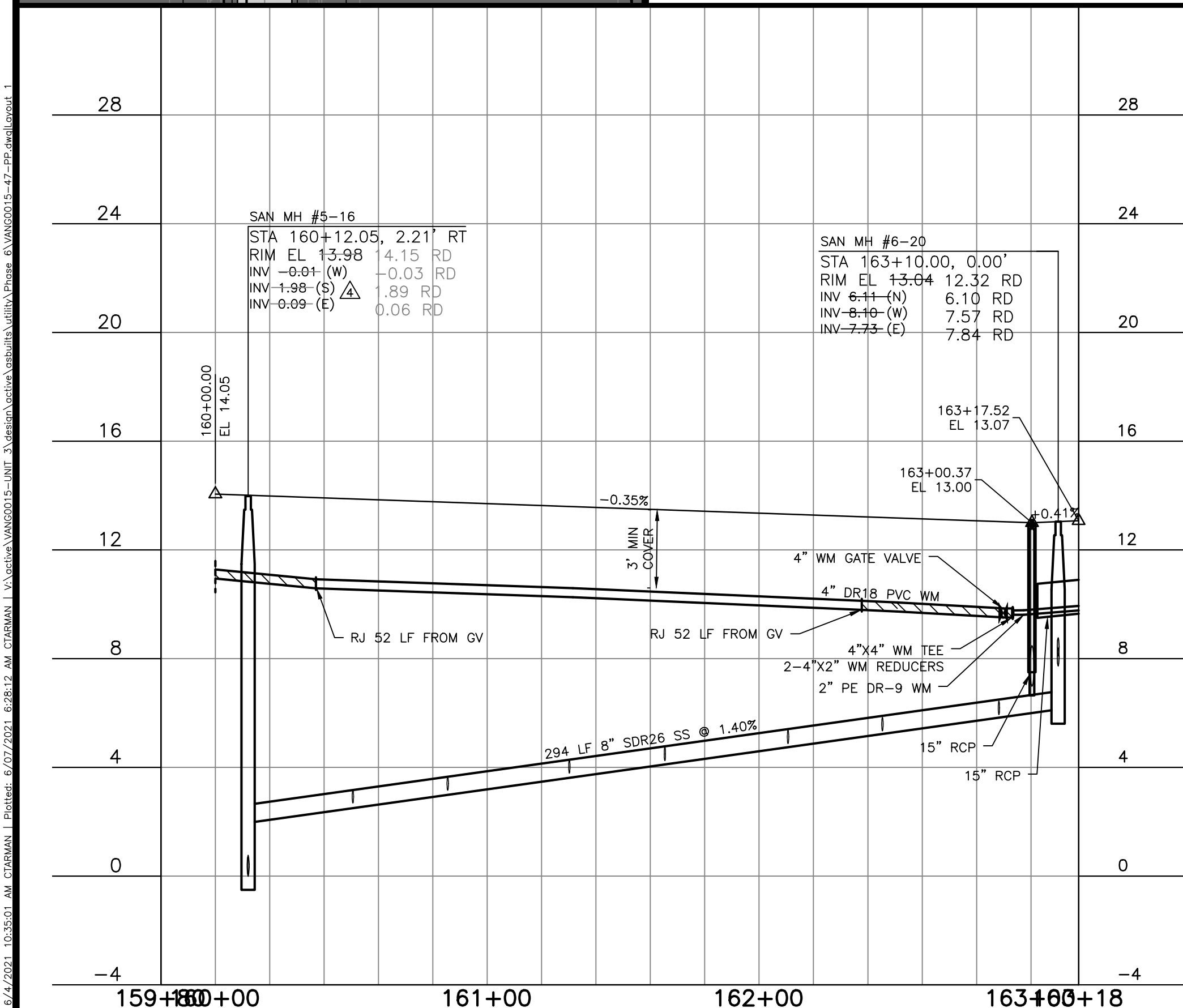
REVISIONS

BY	DATE	DESCRIPTION
CD	5/29/19	ADJUSTED INVS OF SMH 5-16,6-20, AND STD INVS 5-290,5-291
CD	6/5/19	MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,560
		719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING



PHONE: (941) 377-9178

PROJECT: TOSCANA ISLES PHASE 6		DRAWN BY: CD	
SCALE: V:1"=4' H:1"=40'	APPROVED BY: D. SHAWN LEINS, PE	DRWG. NO: VANG0015-46-PP	JOB NO: VANG0015
DATE: 06/03/20	FLORIDA CERTIFICATE NO: 41078	SHEET NO: 46A	DATE:
CLIENT: LALP DEVELOPMENT, LLC	TITLE: UTILITY PLAN SWING TIES		

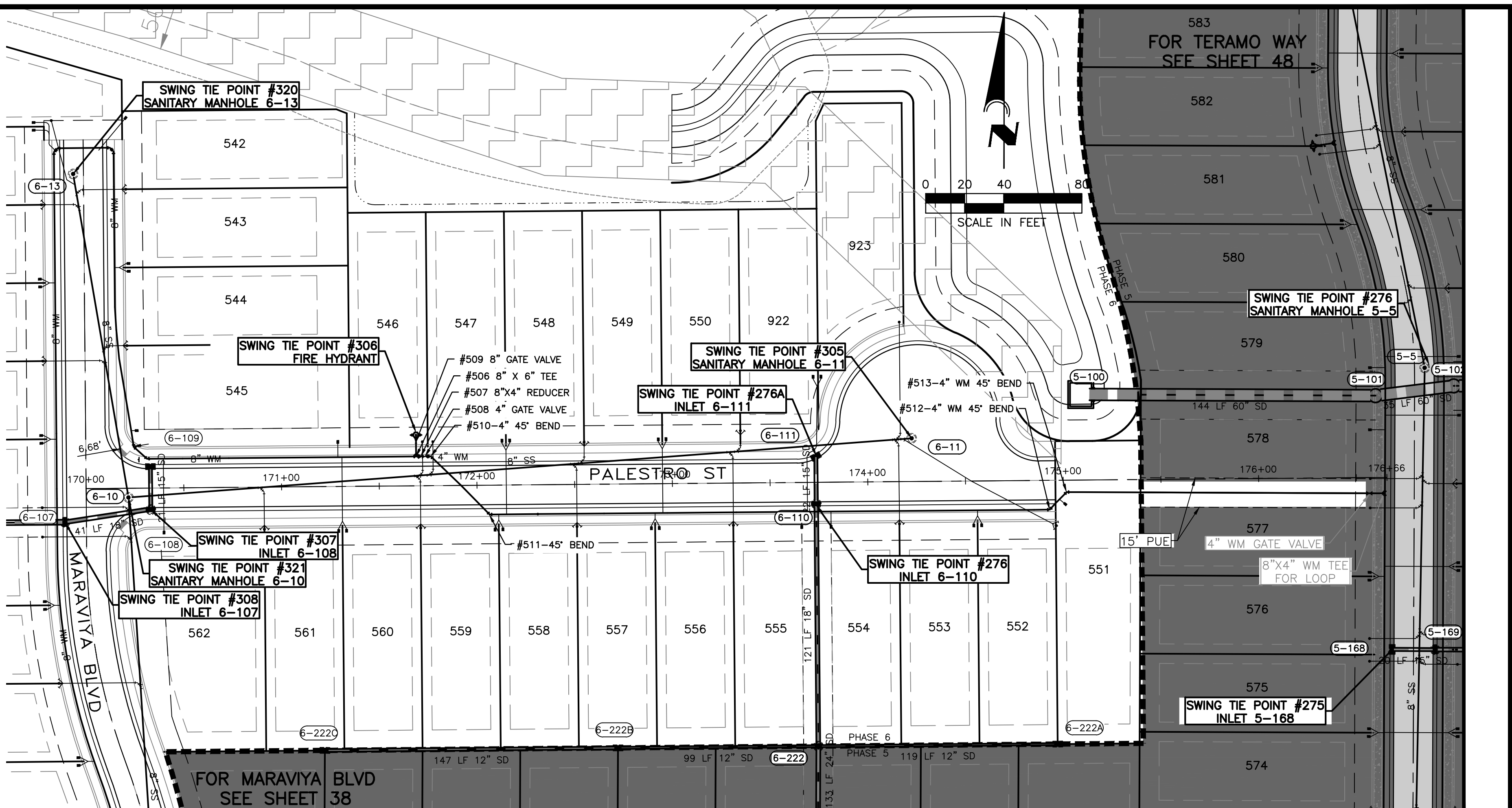


THE CONTRACTOR SHALL NOTIFY "SUNSHINE STATE ONE-CALL CENTER" AND ALL OTHER UTILITIES FOR LOCATION OF EXISTING FACILITIES PRIOR TO BEGINNING CONSTRUCTION.

**A
M**
ENGINEERING, INC.
8340 CONSUMER COURT
SARASOTA, FL 34240
LB #4334

PHONE: (941) 377-9178

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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SWING TIE INFORMATION—WATER & SANITARY SEWER SERVICES									
LOT #	WATER SERVICE LOCATION				SANITARY SEWER CLEANOUT				
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE	
546	#306 FIRE HYDRANT	31.2	#307 INLET 6-108	110.1	#306 FIRE HYDRANT	6.8	#307 INLET 6-108	145.4	
559	#306 FIRE HYDRANT	63.4	#307 INLET 6-108	177	#306 FIRE HYDRANT	48.7	#307 INLET 6-108	138	
558	#306 FIRE HYDRANT	65.1	#307 INLET 6-108	179.7	#306 FIRE HYDRANT	95.8	#305 SANITARY MH 6-11	177.3	
547	#306 FIRE HYDRANT	44.7	#307 INLET 6-108	183.6	#306 FIRE HYDRANT	6.8	#307 INLET 6-108	145.4	
548	#306 FIRE HYDRANT	47.7	#307 INLET 6-108	186.5	#306 FIRE HYDRANT	86.1	#305 SANITARY MH 6-11	167.6	
557	#306 FIRE HYDRANT	130.2	#305 SANITARY MH 6-11	141	#306 FIRE HYDRANT	95.8	#305 SANITARY MH 6-11	177.3	
556	#306 FIRE HYDRANT	133	#305 SANITARY MH 6-11	138.1	#305 SANITARY MH 6-11	102.2	#306 FIRE HYDRANT	169.1	
549	#306 FIRE HYDRANT	124.2	#305 SANITARY MH 6-11	129.4	#306 FIRE HYDRANT	86.1	#305 SANITARY MH 6-11	167.6	
550	#305 SANITARY MH 6-11	126.5	#306 FIRE HYDRANT	127.1	#305 SANITARY MH 6-11	87.2	#306 FIRE HYDRANT	166.4	
922	#305 SANITARY MH 6-11	59.8	#276 INLET 6-110	65.8	#305 SANITARY MH 6-11	87.2	#276 INLET 6-110	53.9	
923	#305 SANITARY MH 6-11	56.5	#276 INLET 6-110	65.8	#305 SANITARY MH 6-11	59.8	#276 INLET 6-110	102.2	
554	#305 SANITARY MH 6-11	65.4	#276 INLET 6-110	14.6	#305 SANITARY MH 6-11	44.2	#276 INLET 6-110	43.8	
555	#305 SANITARY MH 6-11	72.7	#279 INLET 6-110	14.6	#305 SANITARY MH 6-11	101.5	#276 INLET 6-110	43.7	
553	#305 SANITARY MH 6-11	55.2	#276 INLET 6-110	81.5	#305 SANITARY MH 6-11	45.1	#276 INLET 6-110	43.8	
552	#305 SANITARY MH 6-11	57.7	#276 INLET 6-110	86.4	#305 SANITARY MH 6-11	86.7	#276 INLET 6-110	123.3	
551	#305 SANITARY MH 6-11	85.5	#276 INLET 6-110	127.4	#305 SANITARY MH 6-11	86.7	#276 INLET 6-110	123.3	
562	#307 INLET 6-108	15.4	#308 INLET 6-107	53	#307 INLET 6-108	58.9	#306 FIRE HYDRANT	92.1	
561	#306 FIRE HYDRANT	63.6	#307 INLET 6-108	96.9	#307 INLET 6-108	58.9	#306 FIRE HYDRANT	92.1	
560	#305 SANITARY MH 6-10	113	#306 FIRE HYDRANT	61.1	#306 FIRE HYDRANT	48.7	#307 INLET 6-108	138	

SWING TIE INFORMATION SANITARY SEWER MANHOLE & FIRE HYDRANT				
DESCRIPTION	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
#305 SAN. MH 6-11	#276 INLET 6-110	59.2	#276A INLET 6-111	50
#306 FIRE HYDRANT	#307 INLET 6-108	140.9	#321 SAN. MH 6-10	151.1



RECORD DRAWINGS

June 17, 2021

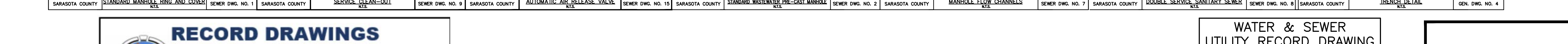
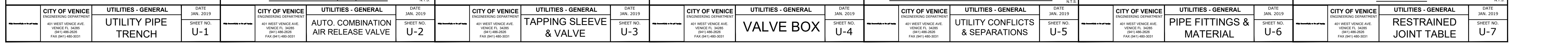
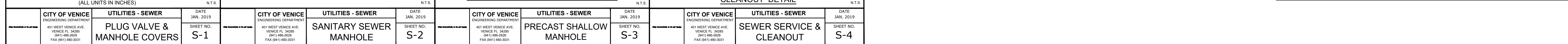
APPROVED

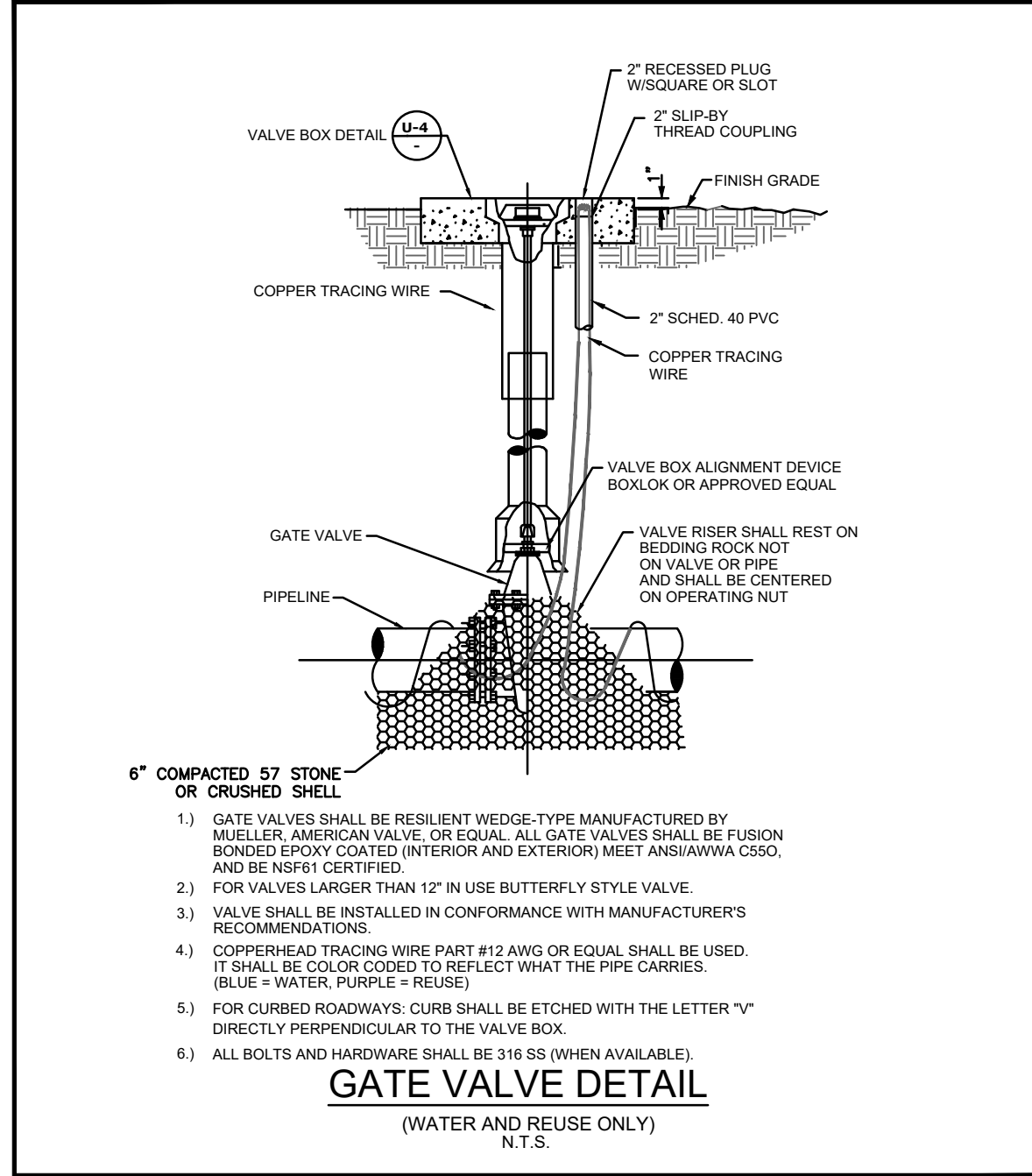
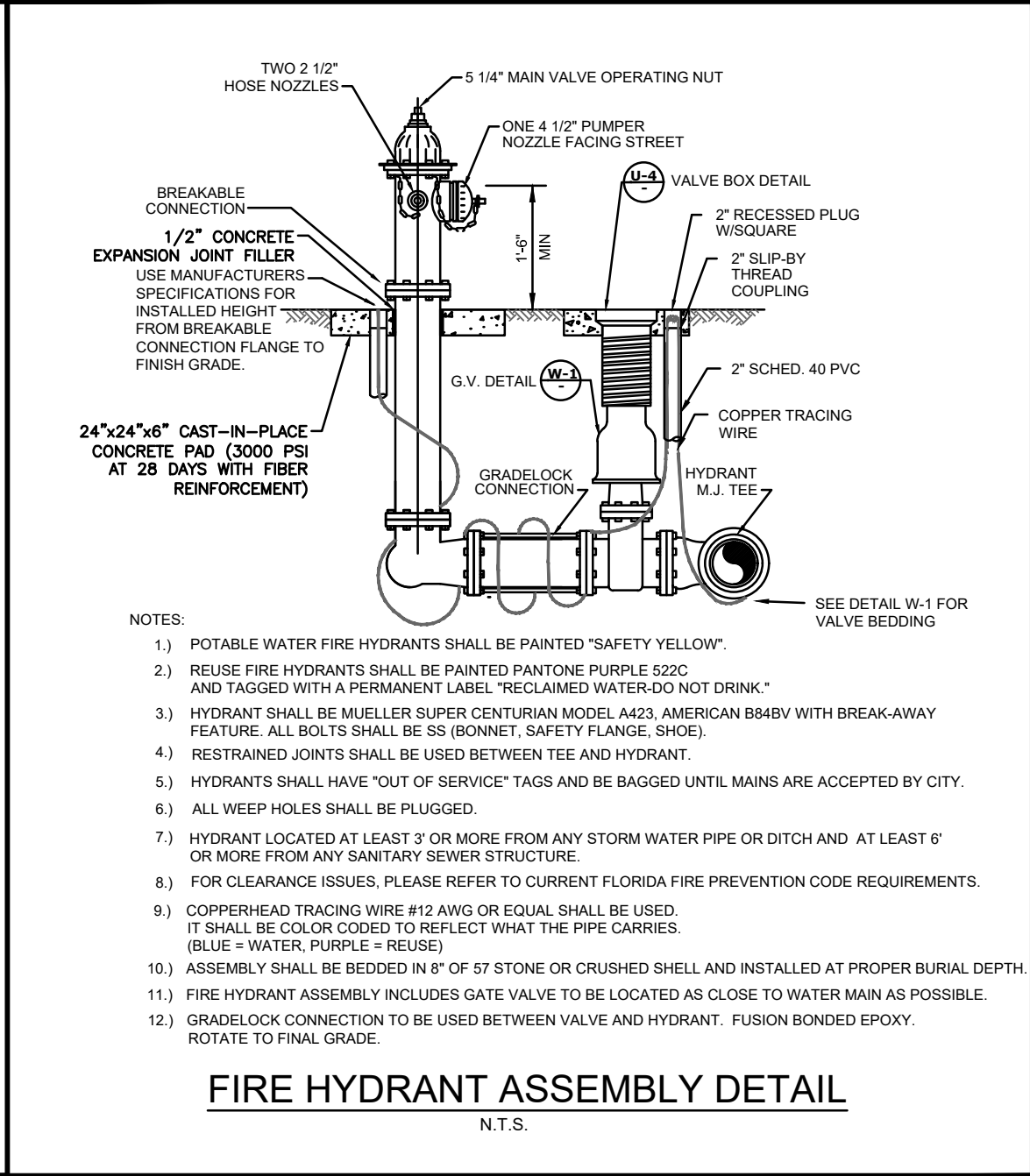
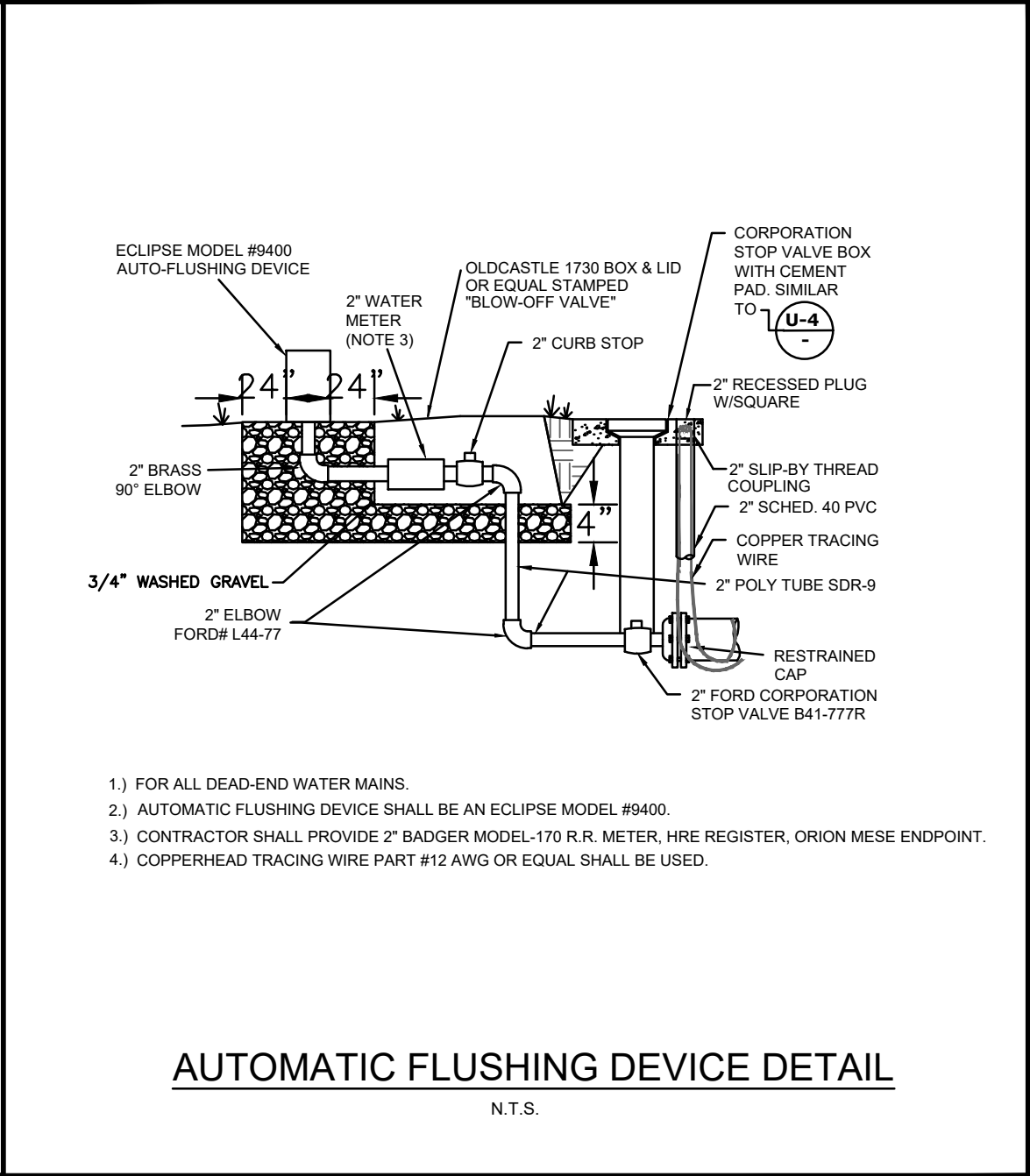
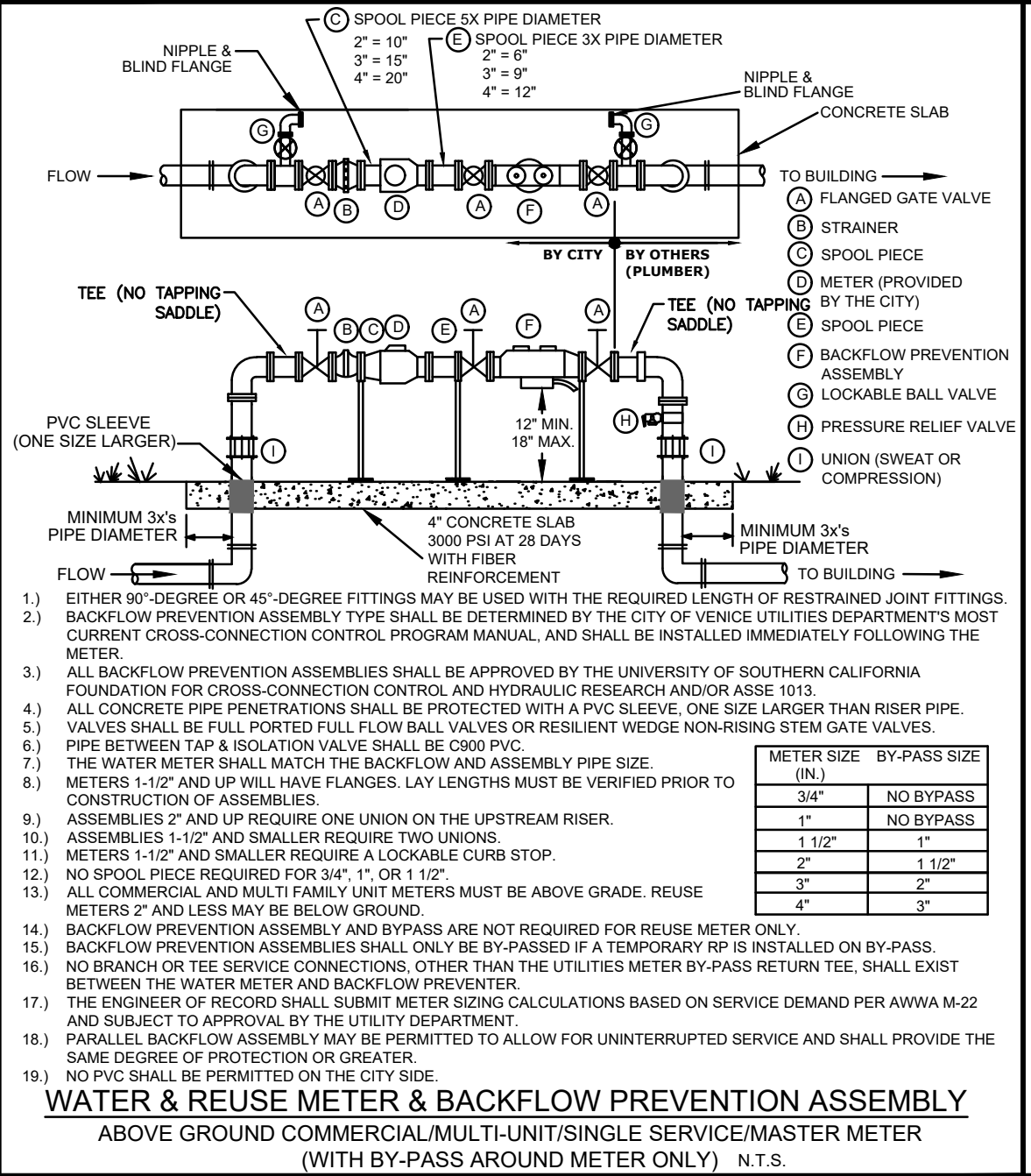
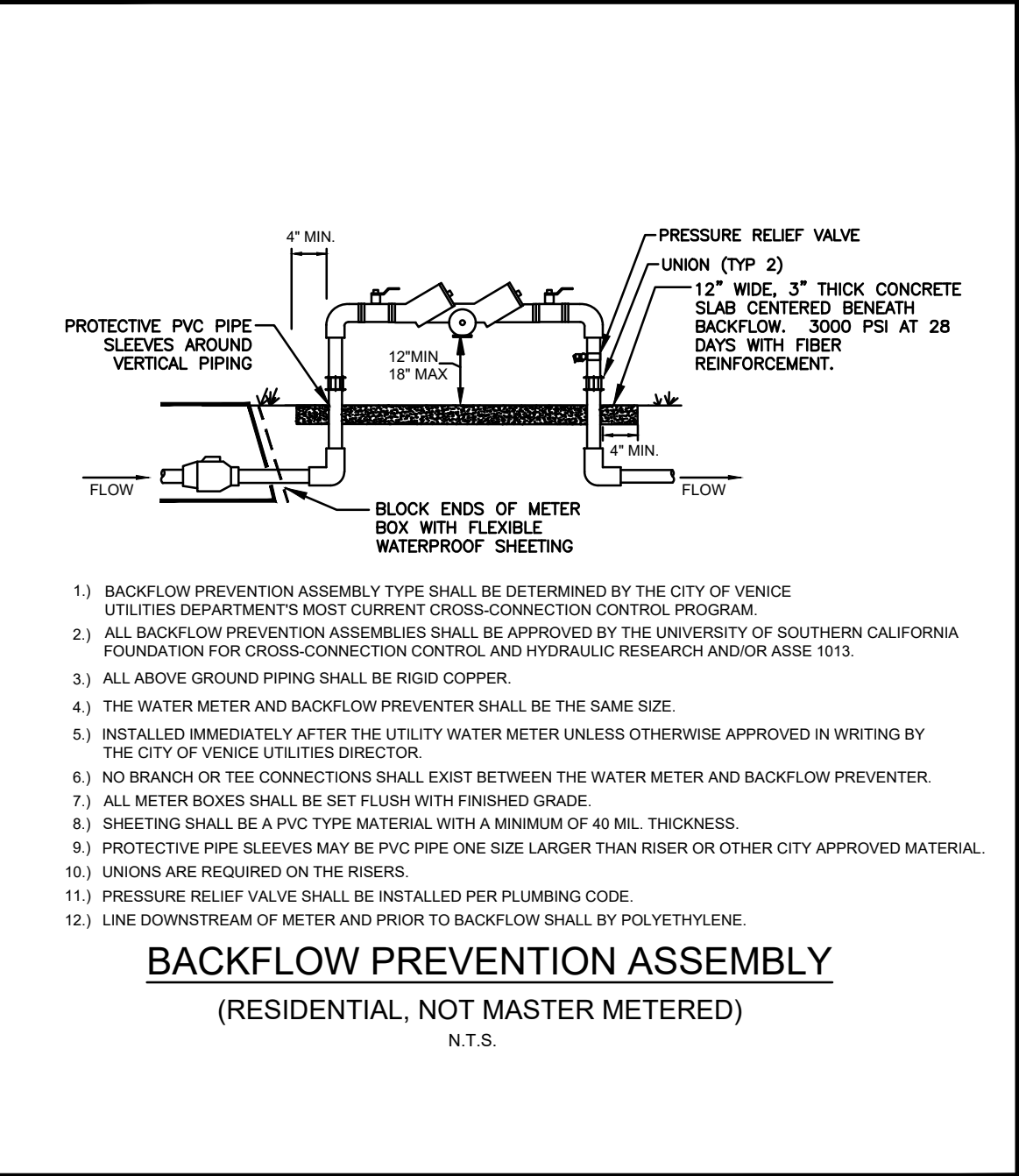
R E V I S I O N S		
BY	DATE	DESCRIPTION
CD	5/29/19	A ADJUSTED INVS OF SH# 5-16,6-20, AND STM INVS 5-290,5-291
CD	6/5/19	A MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,560 719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING

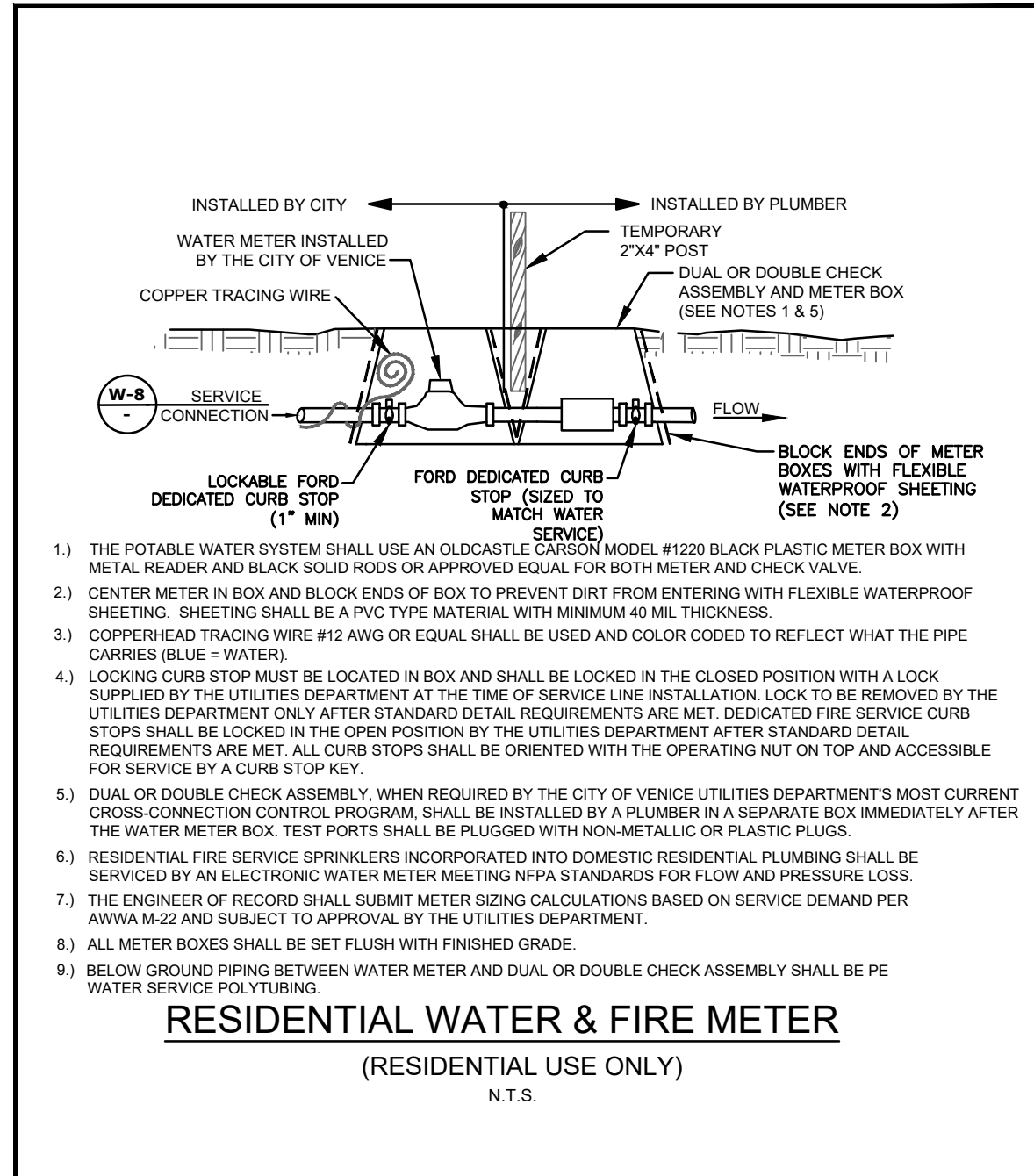
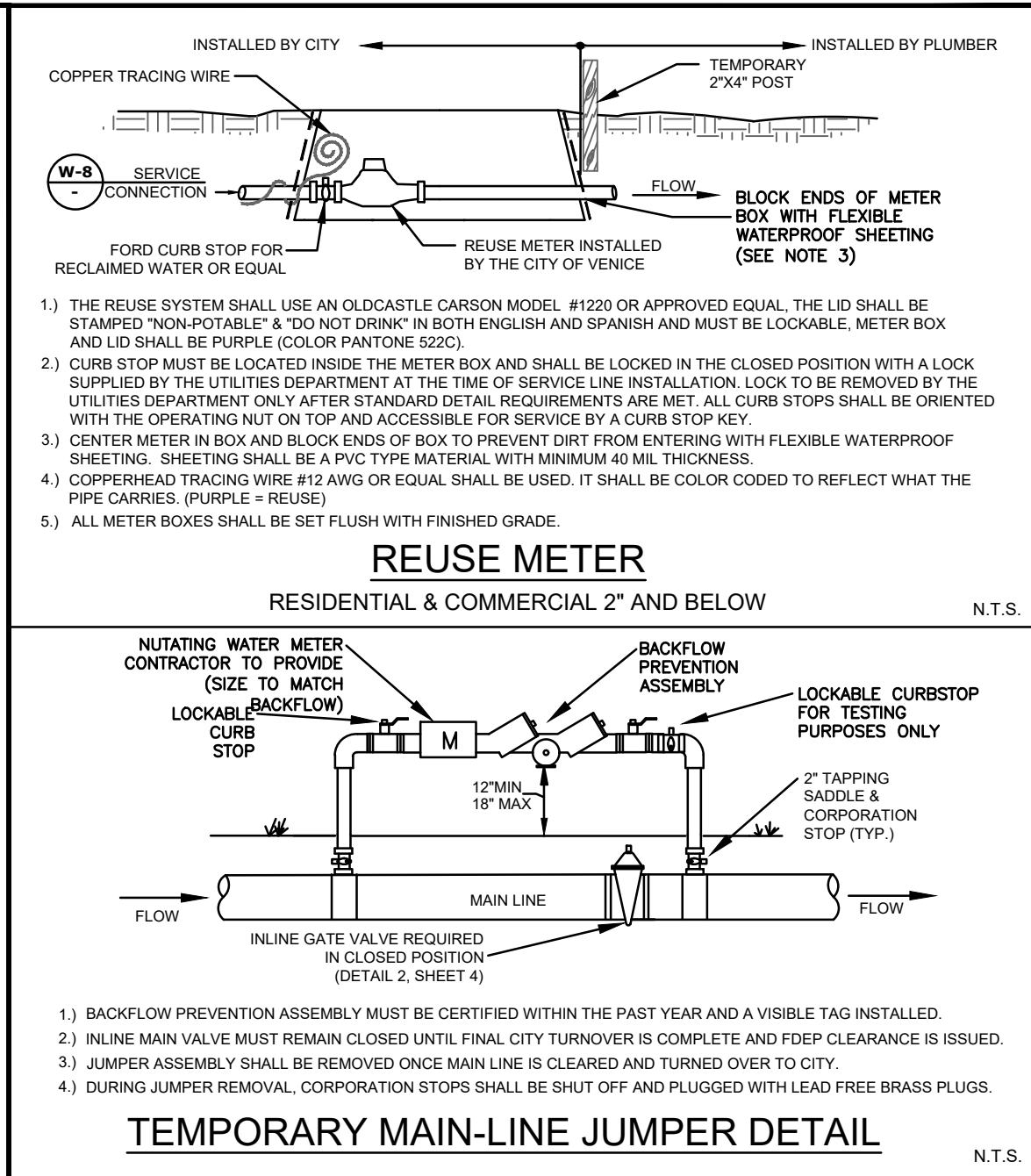
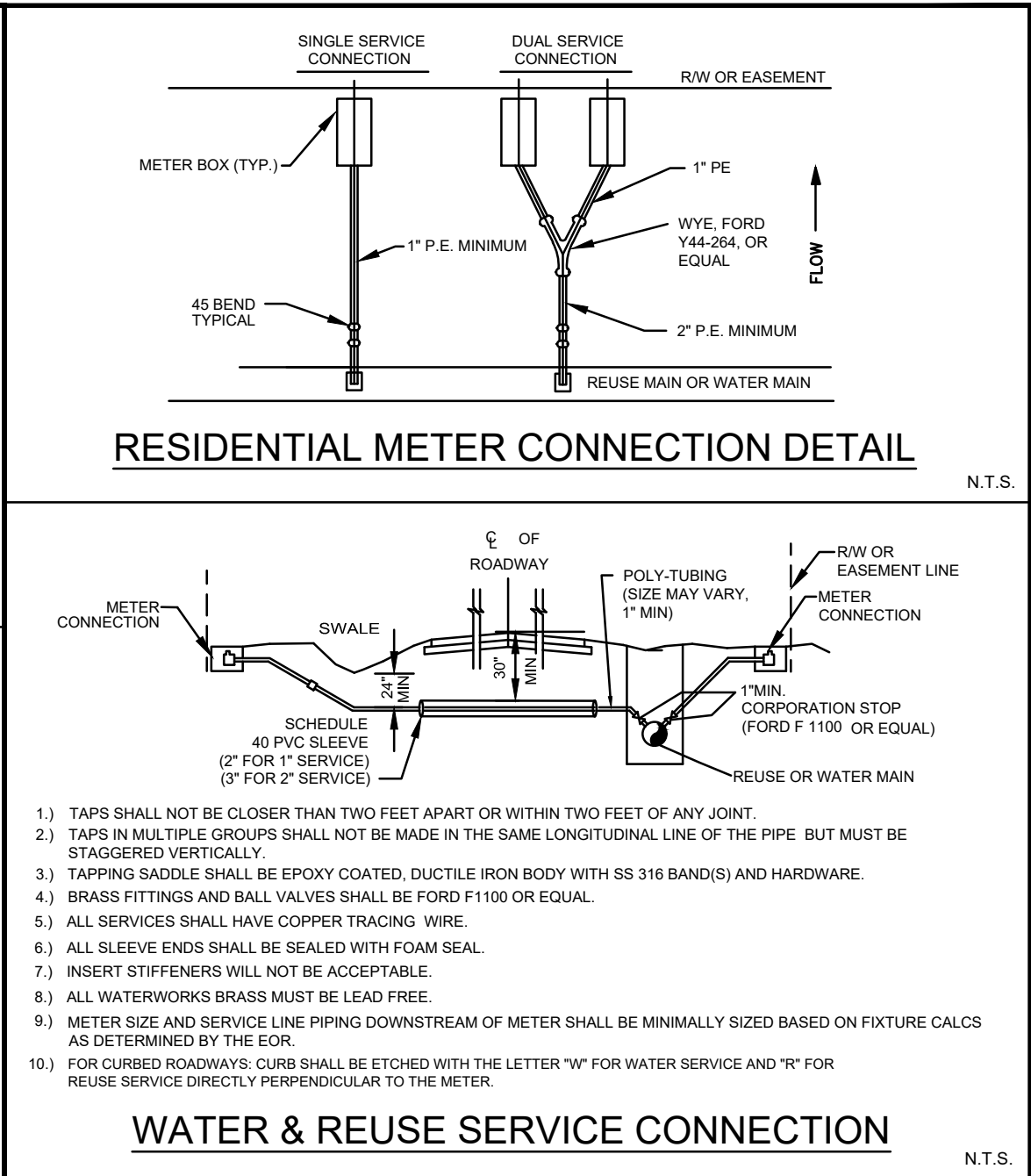
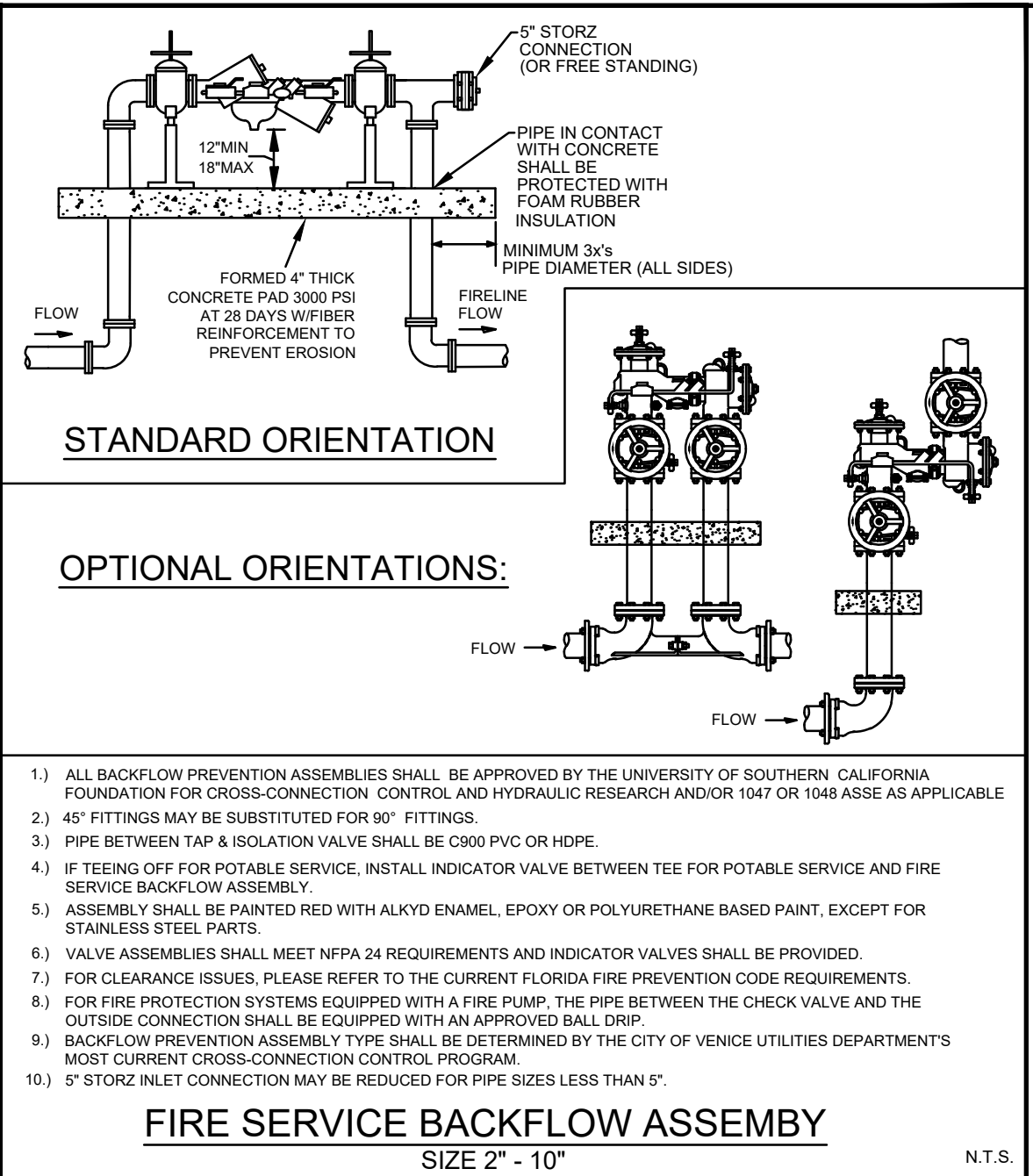
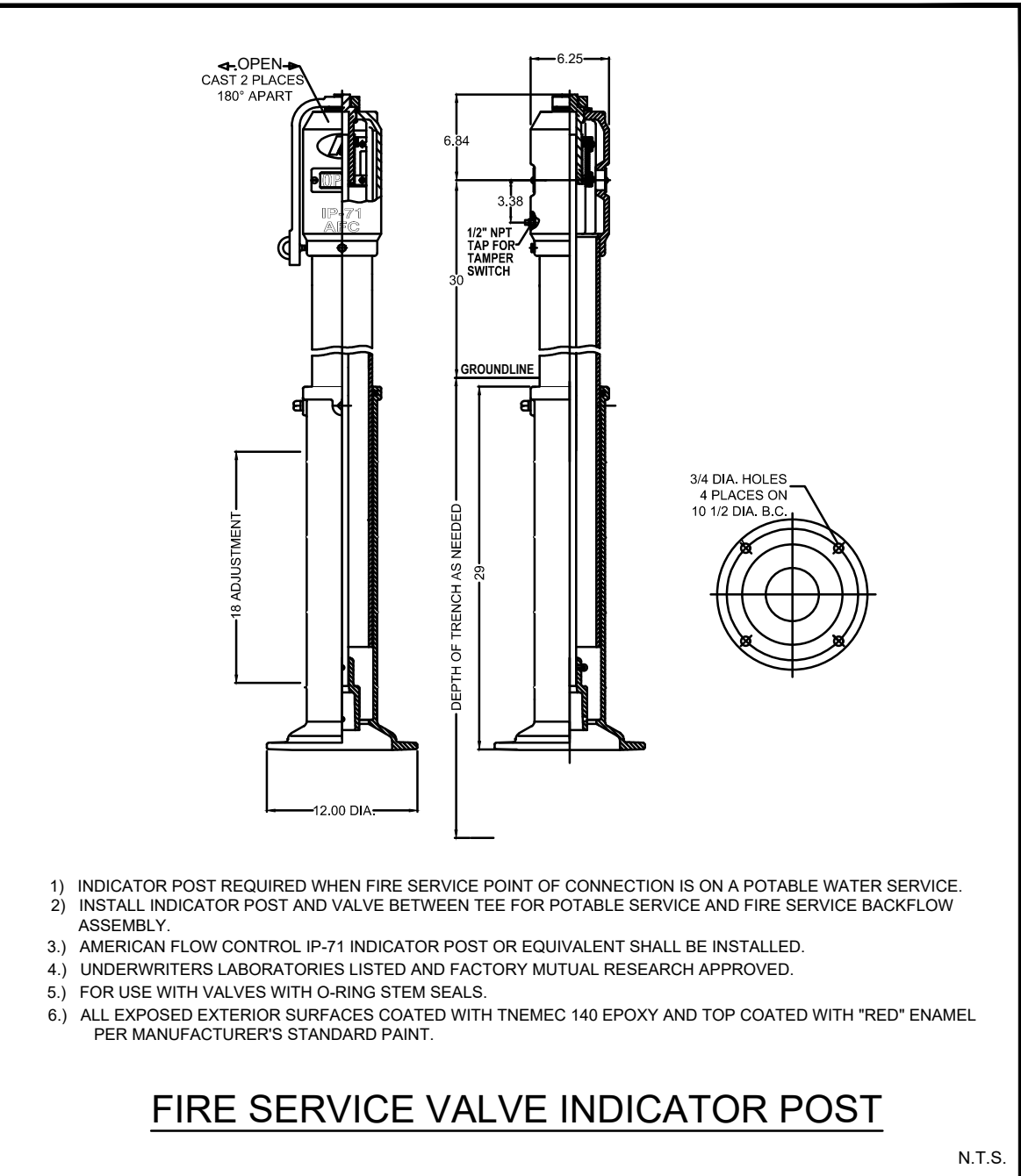
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M**
ENGINEERING, INC.
8340 CONSUMER COURT
SARASOTA, FL 34240
LB #4334
PHONE: (941) 377-9178

PROJ: TOSCANA ISLES PHASE 6		
SCALE: V:1"=4' H:1"=40'	APPROVED BY:	DRAWN BY: MSL
DATE: 06/03/20	D. SHAWN LEINS, PE FLORIDA CERTIFICATE NO: 41078	DRWG. NO: VANG0015-47-PP
CLIENT: LALP DEVELOPMENT, LLC		JOB NO: VANG0015
TITLE: UTILITY PLAN SWING TIES		SHEET NO: 47A

DRAWN BY:	MSL
DRWG. NO:	VANG0015-47-PP
JOB NO:	VANG0015
SHEET NO:	47A



 GATE VALVE DETAIL (WATER AND REUSE ONLY) N.T.S.	 FIRE HYDRANT ASSEMBLY DETAIL N.T.S.	 AUTOMATIC FLUSHING DEVICE DETAIL N.T.S.	 WATER & REUSE METER & BACKFLOW PREVENTION ASSEMBLY ABOVE GROUND COMMERCIAL/MULTI-UNIT/SINGLE SERVICE/MASTER METER (WITH BY-PASS ABOVE METER ONLY) N.T.S.	 BACKFLOW PREVENTION ASSEMBLY (RESIDENTIAL, NOT MASTER METERED) N.T.S.
CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER GATE VALVE DATE JAN. 2019 SHEET NO. W-1	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER FIRE HYDRANT ASSEMBLY DATE JAN. 2019 SHEET NO. W-2	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER AUTOMATIC FLUSHING DEVICE DATE JAN. 2019 SHEET NO. W-3	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER WATER & REUSE METER & BACKFLOW DATE JAN. 2019 SHEET NO. W-4	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER BACKFLOW ASSEMBLY (NO MASTER METER) DATE JAN. 2019 SHEET NO. W-5

 RESIDENTIAL WATER & FIRE METER (RESIDENTIAL USE ONLY) N.T.S.	 TEMPORARY MAIN-LINE JUMPER DETAIL N.T.S.	 WATER & REUSE SERVICE CONNECTION N.T.S.	 FIRE SERVICE BACKFLOW ASSEMBLY SIZE 2" - 10" N.T.S.	 FIRE SERVICE VALVE INDICATOR POST N.T.S.
CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER RESIDENTIAL WATER & FIRE METER DATE JAN. 2019 SHEET NO. W-6	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER REUSE METER & TEMPORARY JUMPER DATE JAN. 2019 SHEET NO. W-7	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER RESIDENTIAL METER & SERVICE CONNECTION DATE JAN. 2019 SHEET NO. W-8	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER FIRE SERVICE BACKFLOW ASSEMBLY DATE JAN. 2019 SHEET NO. W-9	CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2628 FAX (941) 480-3031 UTILITIES - WATER FIRE SERVICE INDICATOR POST DATE JAN. 2019 SHEET NO. W-10



RECORD DRAWINGS

June 17, 2021

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REVISIONS		
BY	DATE	DESCRIPTION
CD	5/29/19	ADJUSTED INVS OF SMH 5-16.6-20, AND STM INVS 5-29D.5-29I
CD	6/5/19	MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,560
CT	03/29/21	UTILITY RECORD DRAWING

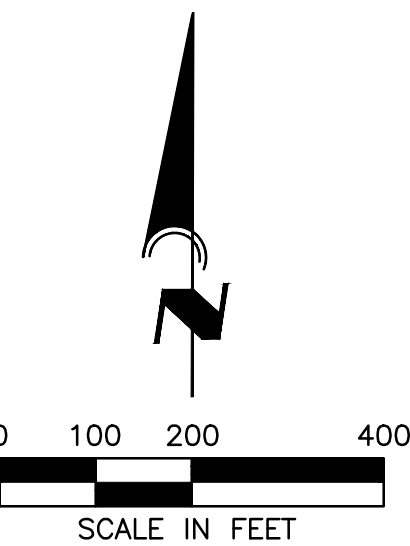
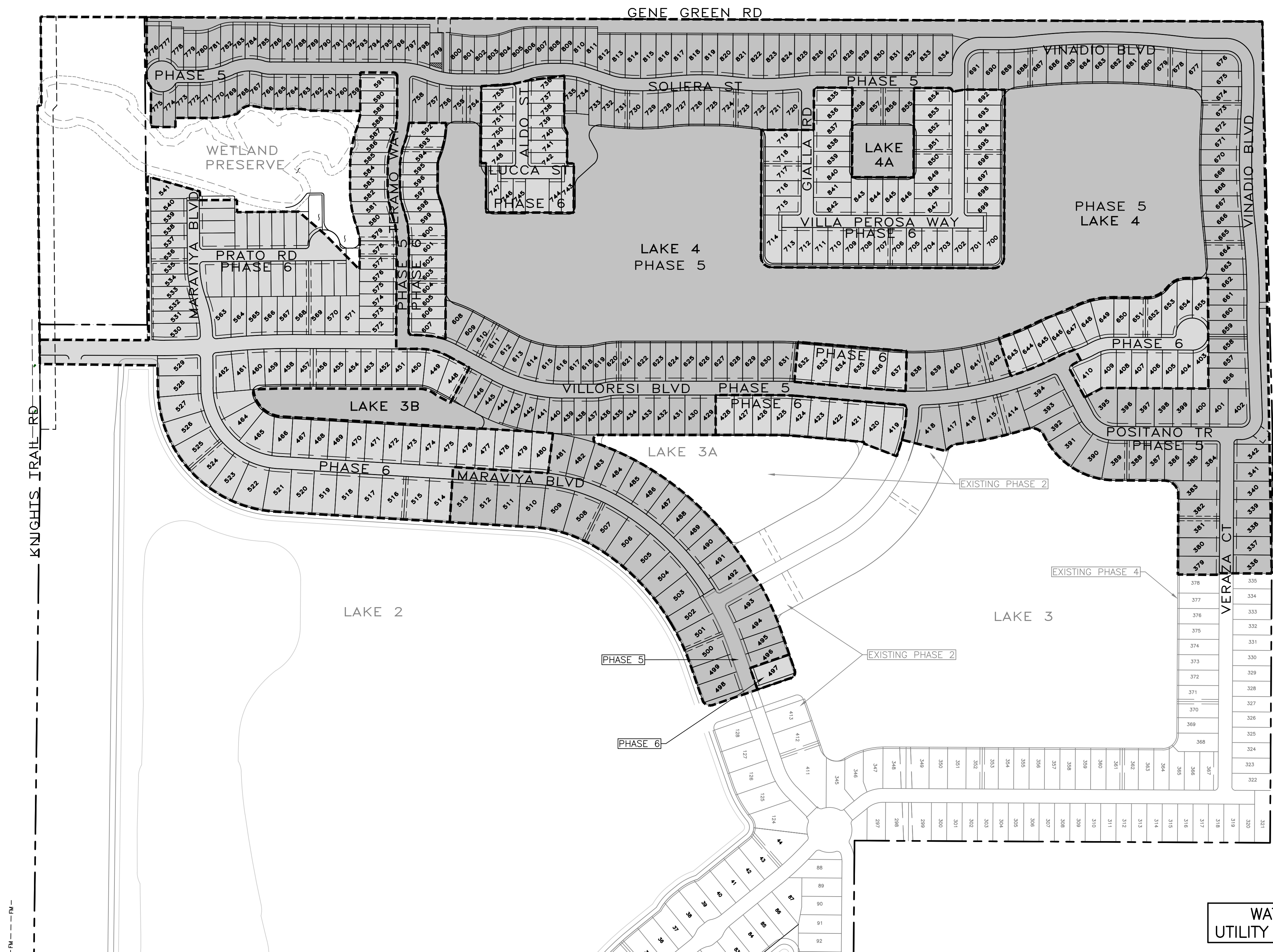
ENGINEERING, INC.
8340 CONSUMER COURT
SARASOTA, FL 34240
LB #4334
PHONE: (941) 377-9178

PROJECT: TOSCANA ISLES PHASE 6	SCALE: NTS	APPROVED BY: D. SHAWN LEINS, PE	DATE: 4/9/19	CLIENT: LALP DEVELOPMENT, LLC	TITLE: WATER & SEWER DETAILS
DESIGNED BY: CD	DRAWN BY: VANG0015-56-WSD	JOB NO: VANG0015	SHEET NO: 56	DATE:	

RECORD DRAWINGS

June 17, 2021

APPROVED

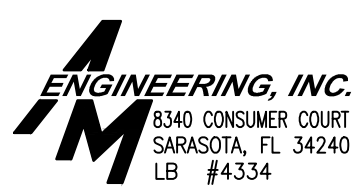


WATER & SEWER
UTILITY RECORD DRAWING

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1-800-432-4770

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R E V I S I O N S		
BY	DATE	DESCRIPTION
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CD	6/5/19	△ MINOR GRADING CHANGES TO LOTS 384,385,437,438,555,556,559,56 719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING

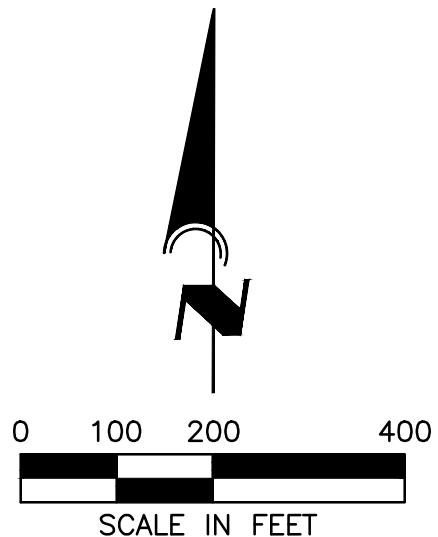
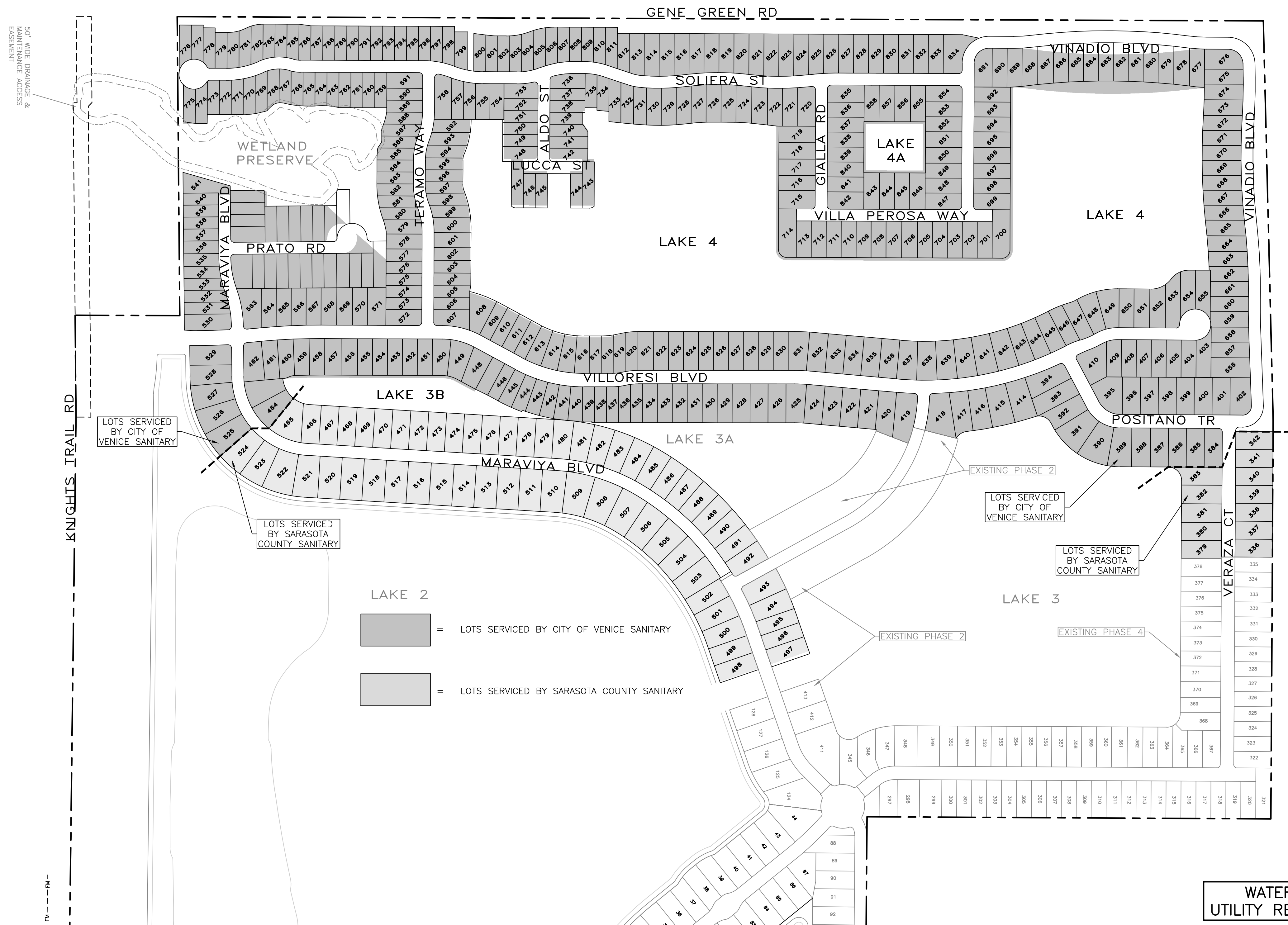


PHONE: (941) 377-9178

PROJ: TOSCANA ISLES PHASE 6		
SCALE: 1"=200'	APPROVED BY:	DRAWN BY: CD
DATE: 06/03/20	D. SHAWN LEINS, PE FLORIDA CERTIFICATE NO: 41078	DRWG NO: VANG0015-59-PHA
CUSTOMER: LALP DEVELOPMENT, LLC		JOB NO: VANG0015
TITLE: SITE PHASING PLAN		SHEET NO: 59

SHEET NO: 59

DATE



WATER & SEWER
UTILITY RECORD DRAWING

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"SUNSHINE STATE ONE-CALL CENTER"
1-800-432-4770

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REVISIONS		
BY	DATE	DESCRIPTION
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		719-722,735-737
CT	03/29/21	UTILITY RECORD DRAWING

ENGINEERING, INC.
8340 CONSUMER COURT
SARASOTA, FL 34240
LB #4334

PHONE: (941) 377-9178

PROJECT: TOSCANA ISLES PHASE 6	SCALE: 1"=200'	APPROVED BY: D. SHAWN LEINS, PE FLORIDA CERTIFICATE NO: 41078	DRAWN BY: CD
DATE: 06/03/20	CLIENT: LALP DEVELOPMENT, LLC	JOB NO: VANG0015-60-SCSS	DRWG. NO: VANG0015-60-SCSS
TITLE: CITY/COUNTY SANITARY SERVICE	SHEET NO: 60		