

83-21-17 (2)

- CITY OF VENICE
UTILITY RECORD DRAWING PLANS - WATER ONLY
FOR
TOSCANA ISLES
UNITS I AND II, PHASE 2

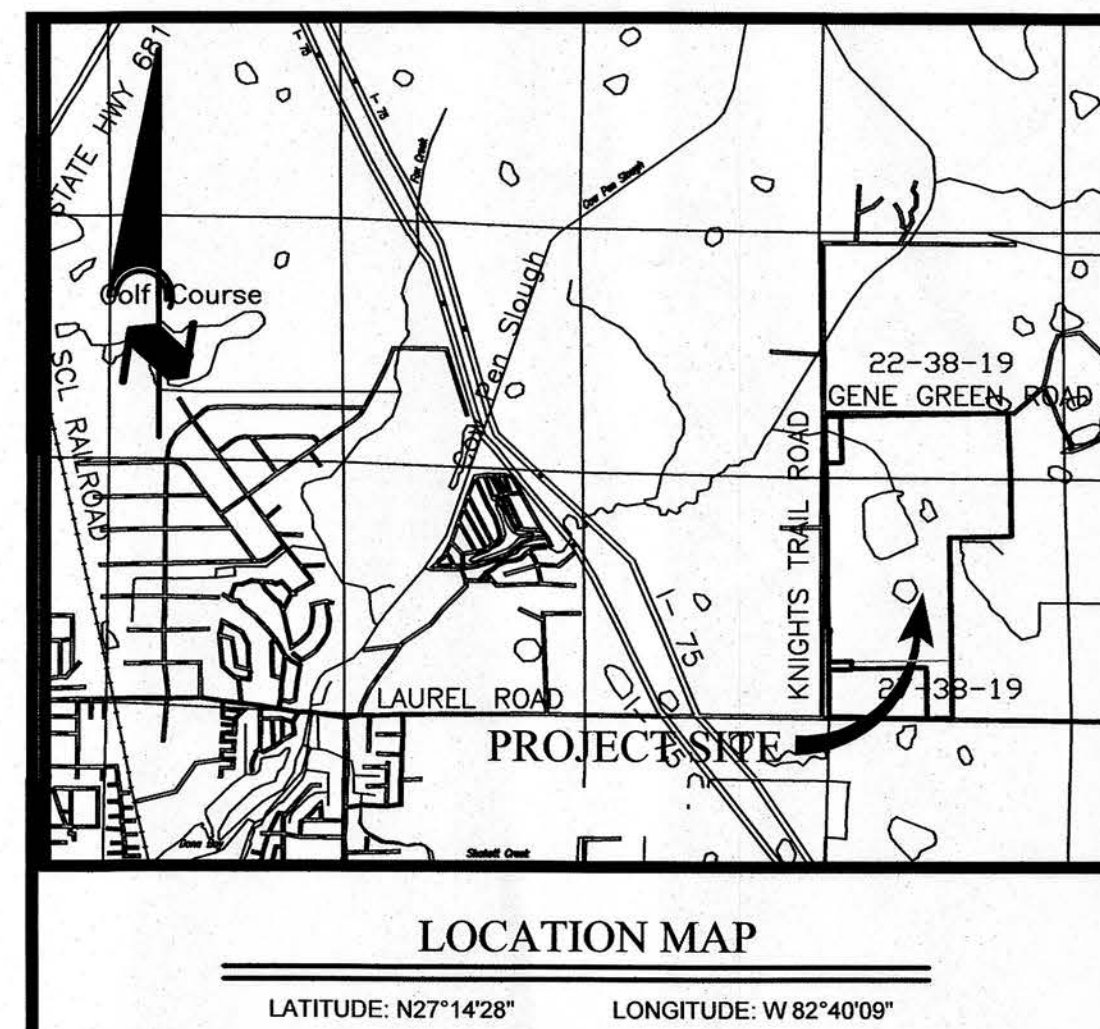
BENCHMARK AM ENG BM#2201
ELEV: 15.54
N.G.V.D. 1929
CHISELED SQUARE CENTERED ON WEST SIDE
OF CONCRETE SLAB FOR WET WELL AT LIFT STATION

ENGINEER / SURVEYOR:
AM ENGINEERING, INC.
8340 CONSUMER COURT
SARASOTA, FLORIDA 34240
(941) 377-9178
CERTIFICATE OF AUTHORIZATION No. 4334

DWG. NO.	DESCRIPTION
1	COVER SHEET
2	AERIAL PHOTOGRAPH
3	EXISTING CONDITIONS PLAN
4	MASTER SITE PLAN
4A	SIGNAGE, STRIPING & SIDEWALK PLAN
5	PRELIMINARY PLAT
6	STORMWATER MANAGEMENT PLAN
7	PAVING, GRADING & DRAINAGE PLAN
8	PAVING, GRADING & DRAINAGE DETAILS
9	STORMWATER POLLUTION PREVENTION PLAN
10	MASTER UTILITY PLAN
10A-10B-10C	UTILITY PLAN
10D	UTILITY ASBUILT CHART
11A-11F	PLAN & PROFILE
12	SANITARY SEWER DETAILS (SARASOTA COUNTY)
13	WATER DETAILS
14	PHASING PLAN

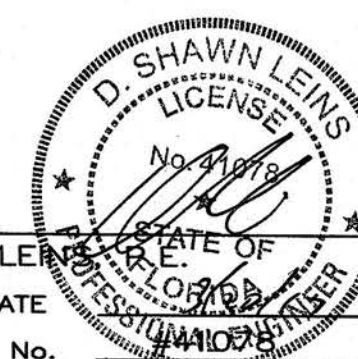


PARCEL B INCLUDES THE LAUREL ROAD PROPERTY, PB48, PGS 37 & 37A.

[illegible]

Fri, 17 Mar 2017 - 11:54am G:\AM Engineering Projects\Engineering\ANG0015\Engineering CAD\As-Built - Record Drawings\Utility\Units 1 & 2 - Phase 2\VANG15COV.dwg

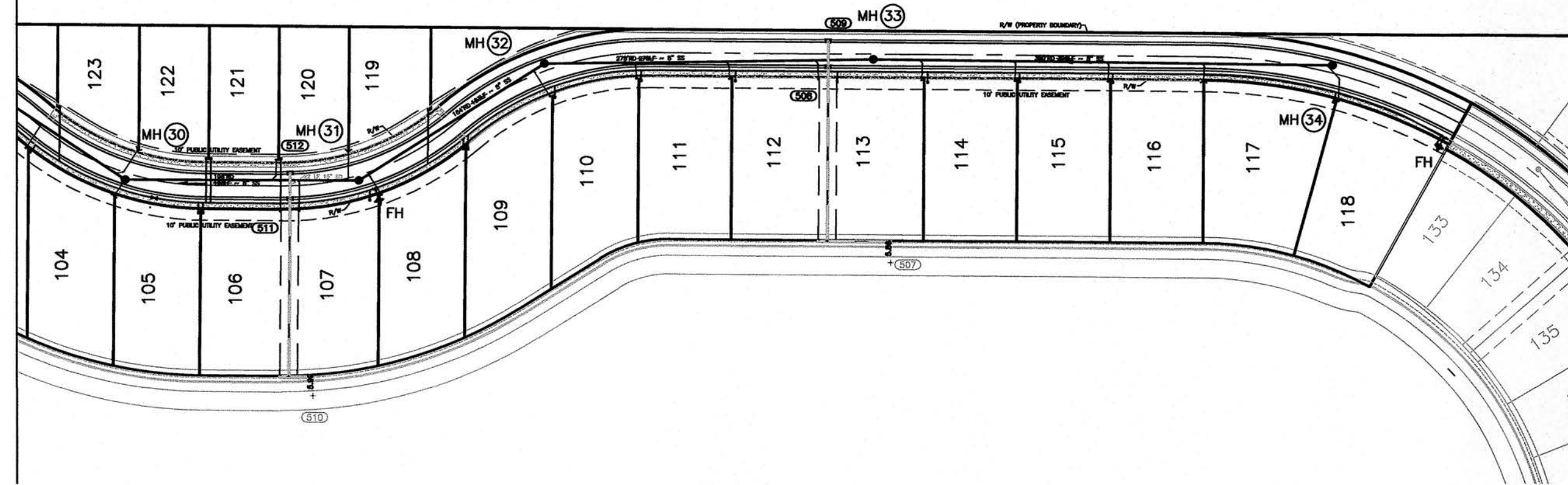
1708-1



D. SHAWN LEMMONS
DATE 5/20/98
FLORIDA P.E. No. 441058

10/26/2017 10:41 AM E:\M\Engineering\Projects\Toscano\Toscano Units 1 & 2 - Phase 2\Toscano Units 1 & 2 - Phase 2\Toscano Units 1 & 2 - Phase 2\Toscano Units 1 & 2 - Phase 2.dwg

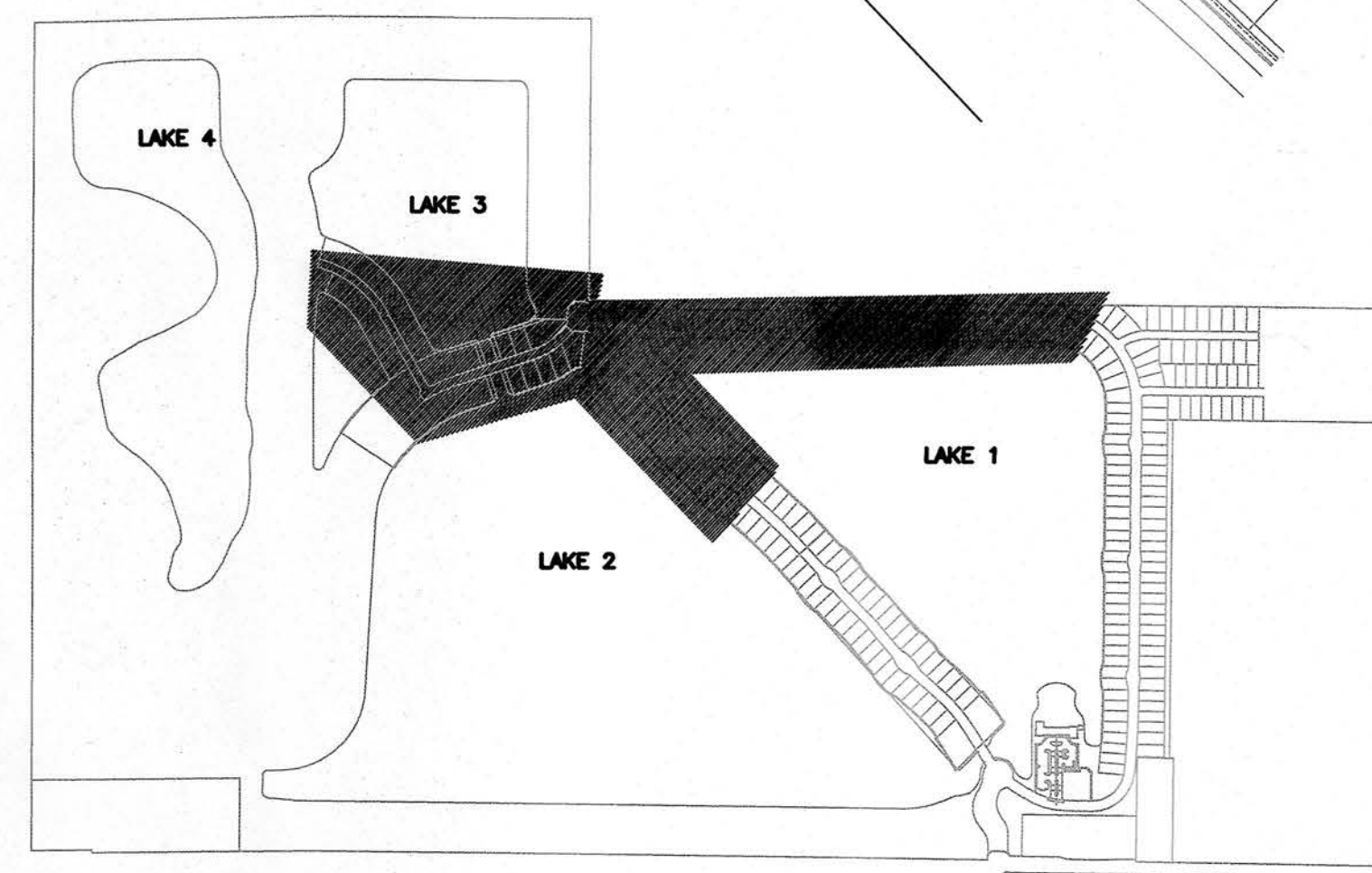
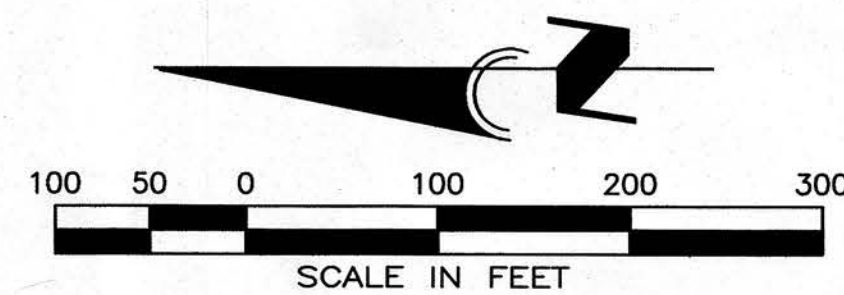
MATCHLINE
SEE ABOVE



NOTES:

1. JUMPERS WILL BE REQUIRED AT EXISTING VALVES LOCATED AT PHASE LINES.
2. EACH WATER SERVICE AND FIRELINE TO THE CONDOMINIUMS ARE TO BE 2".

MH(49)



KEY MAP

MATCHLINE
SEE BELOW

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
BKG	7/11/16	REVISIONS PER CITY OF VENICE 7/08/16
BKG	9/23/16	REVISIONS PER CLIENT; SERVICES
BKG	9/27/16	SARASOTA COUNTY UTILITIES 9/27/16
RWD	2/15/17	UTILITY RECORD DRAWING

ENGINEERING, INC.
6340 CONSUMER COURT
SARASOTA, FL 34240
EB #4334
PHONE: (941) 377-9178

UTILITY RECORD DRAWING - PHASE 2

TOSCANA ISLES UNITS I AND II, PHASE 2

SCALE: 1"=100'	APPROVED BY: D. SHAWN LEINS, PE FLORIDA CERTIFICATE NO: 41078	DRAWN BY: BKG
DATE: 4/15/16	CLIENT: LALP DEVELOPMENT, LLC	CAD FILE: VANG15MUP
DESC: MASTER UTILITY PLAN	JOB NO: VANG0015	DRWG. NO: 10

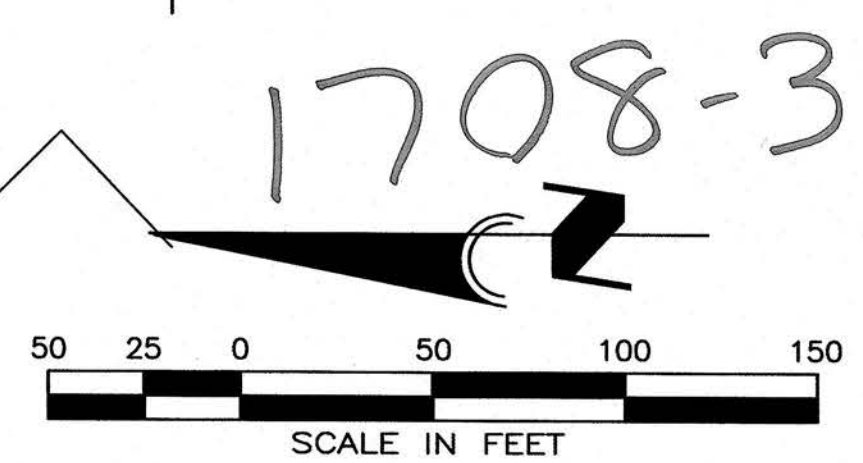


1708-2



SEE SHEET 10D FOR SWING TIE DATA

MATCHLINE - SEE SHEET 10B

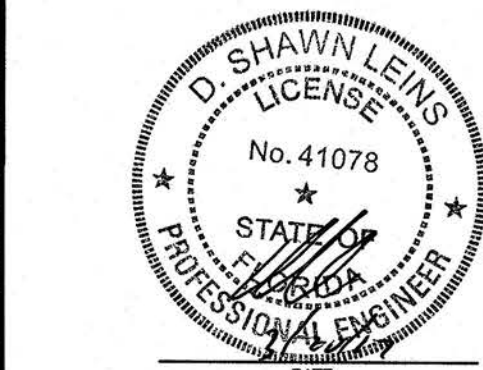


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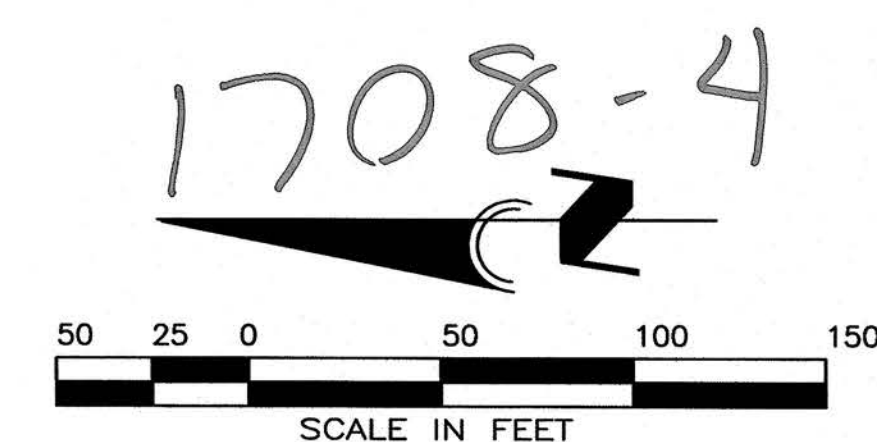
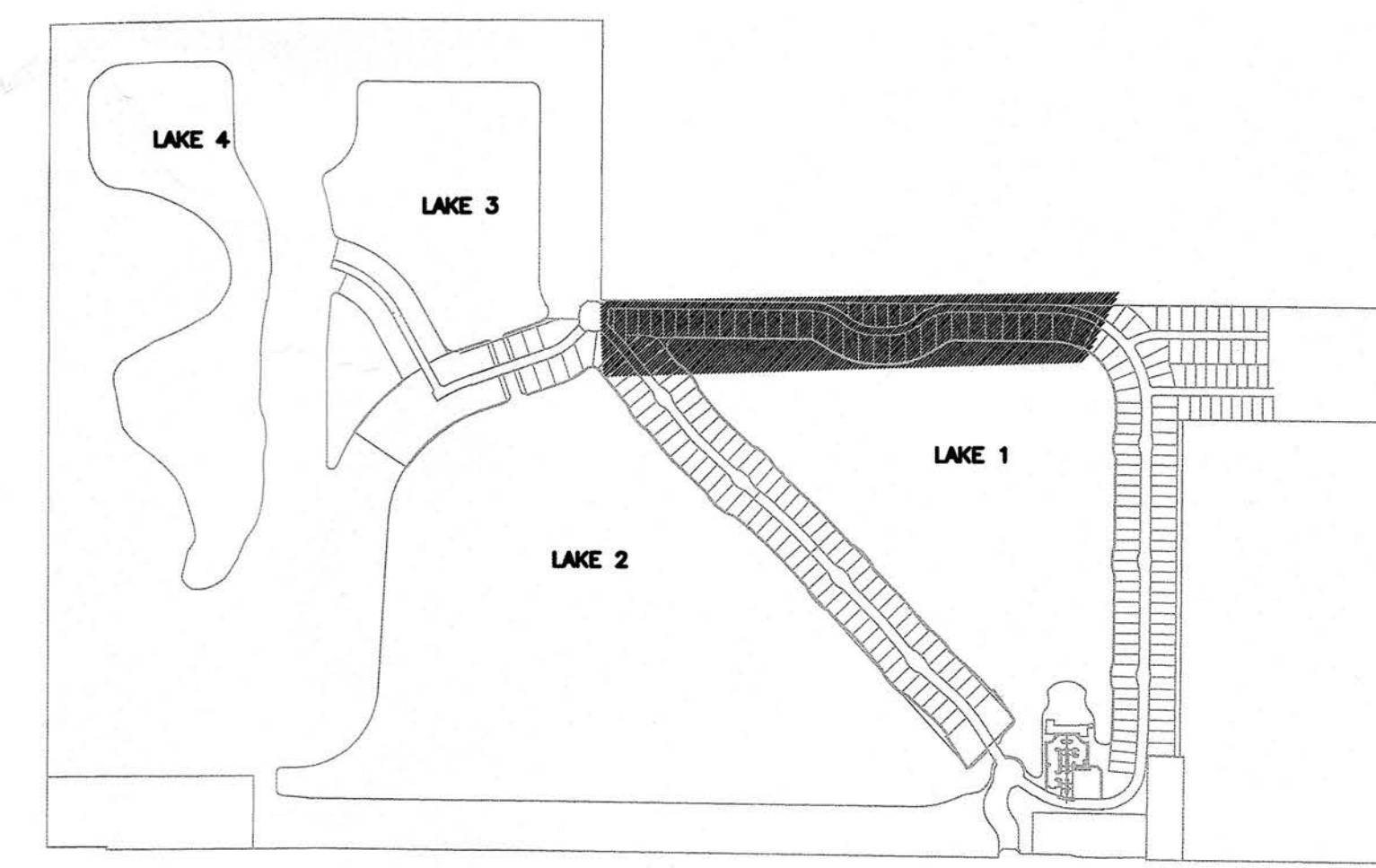
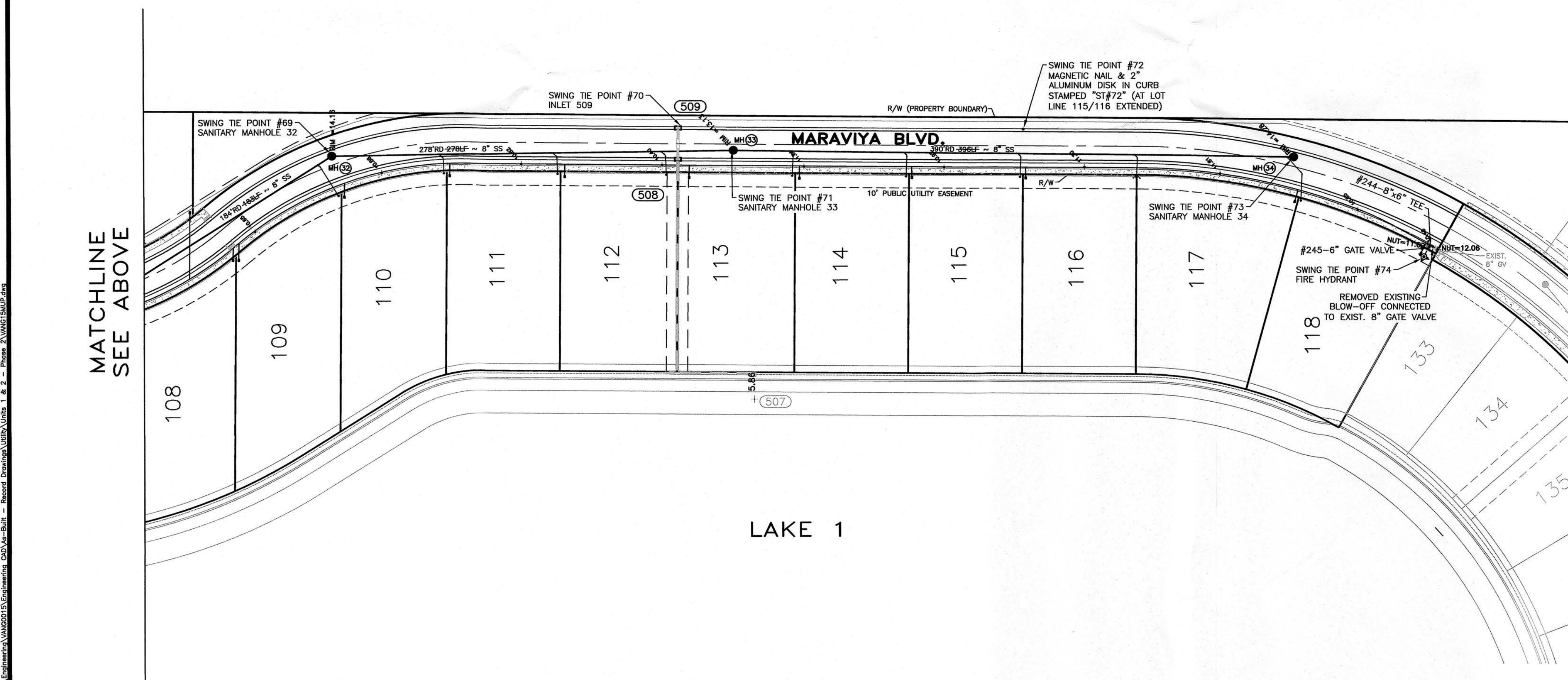
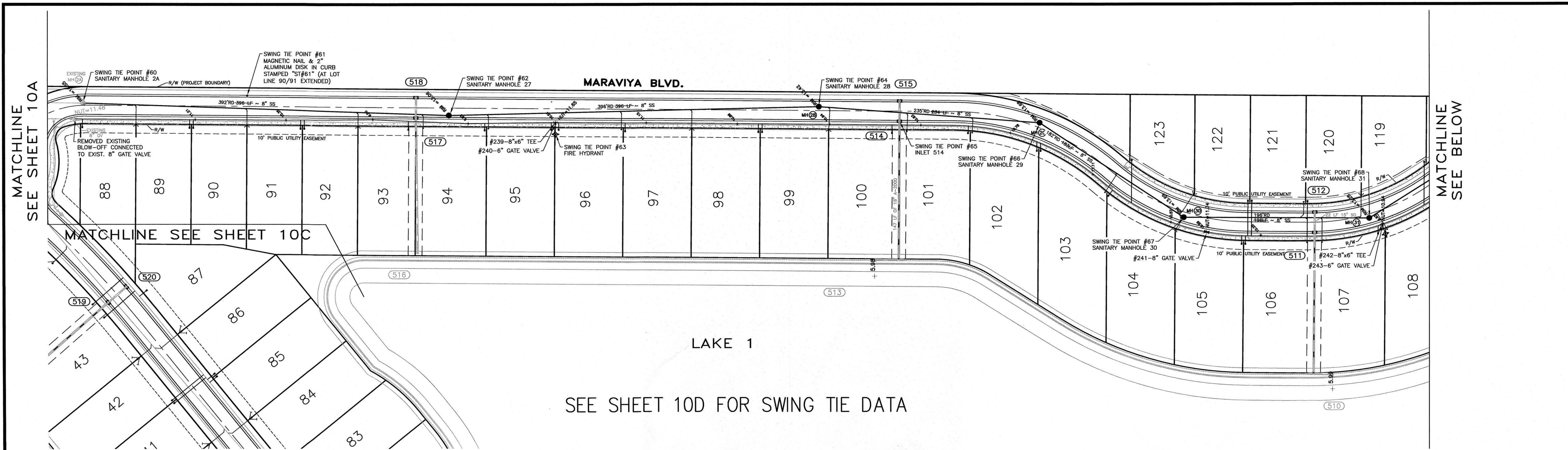
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SARASOTA, FL 34240
EB #4334
PHONE: (941) 377-9178

UTILITY RECORD DRAWING - PHASE 2
TOSCANA ISLES UNITS I AND II, PHASE 2
SCALE: 1"=50'
DATE: 4/15/16
CLIENT: LALP DEVELOPMENT, LLC
DESC: UTILITY PLAN



1708-3



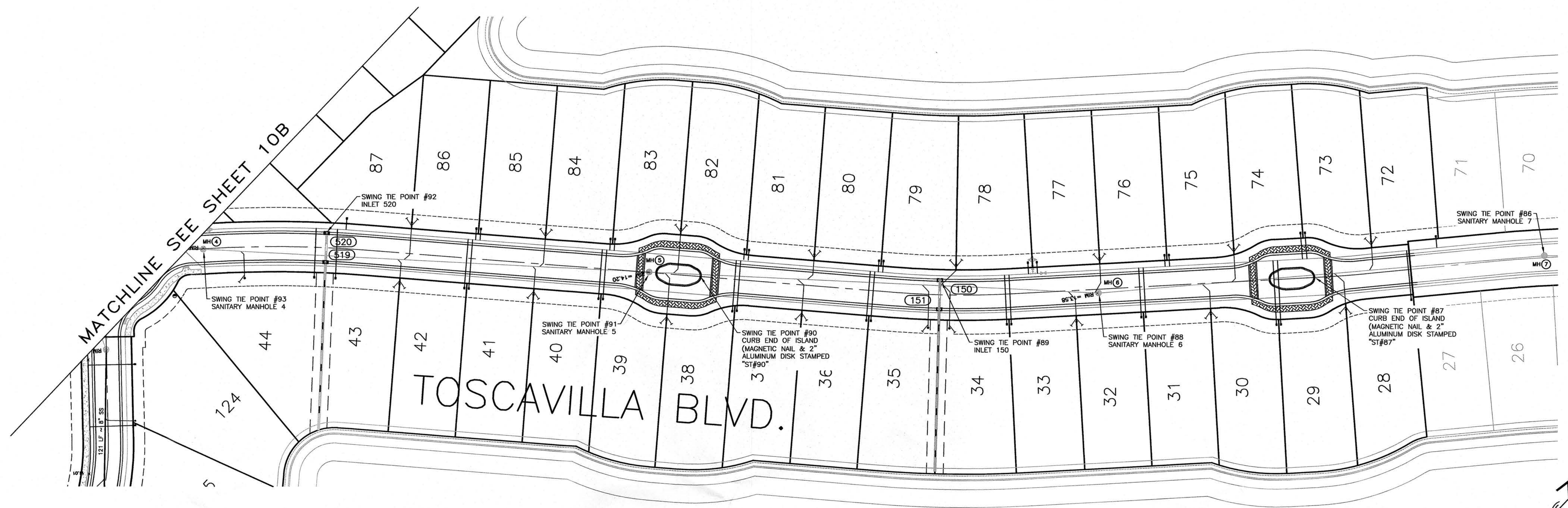
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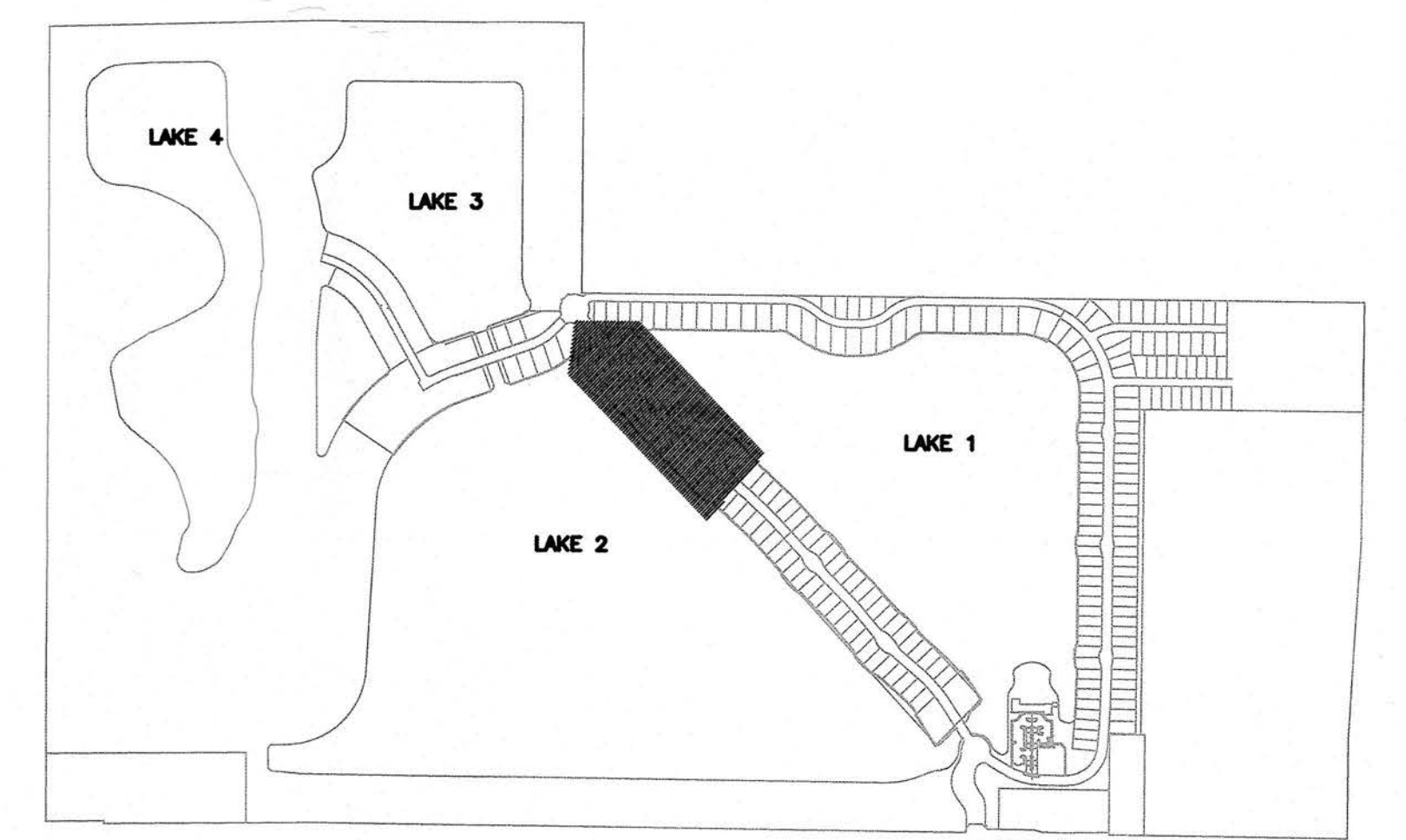
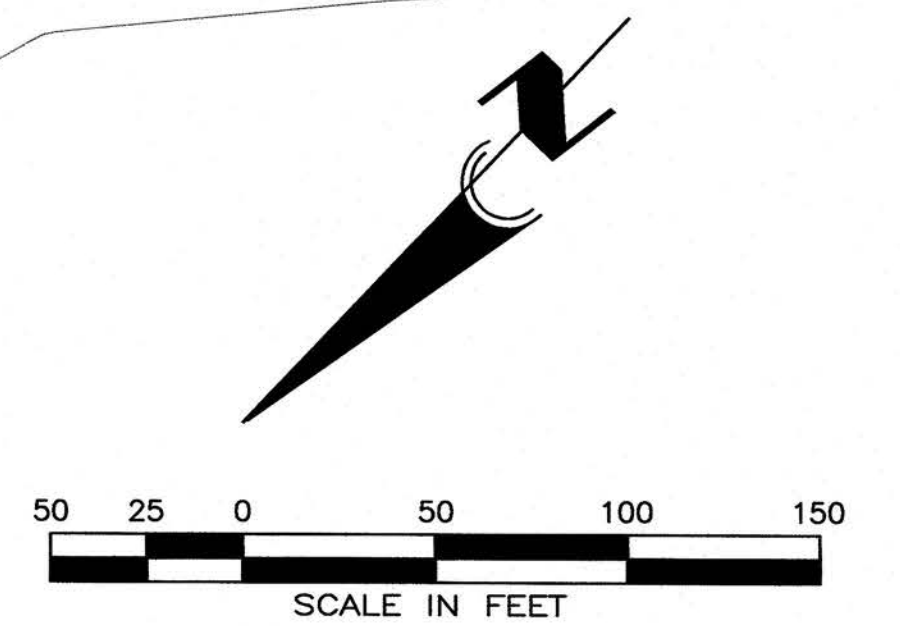
ENGINEERING, INC.
 6340 CONSUMER COURT
 SARASOTA, FL 34240
 EB #4334
 PHONE: (941) 377-9178

UTILITY RECORD DRAWING - PHASE 2
TOSCANA ISLES UNITS I AND II, PHASE 2
 SCALE: 1"=50'
 DATE: 4/15/16
 CLIENT: LALP DEVELOPMENT, LLC
 DESIGNED BY: BKG
 DRAWN BY: BKG
 CHECKED BY: VANG15MUP
 JOB NO: VANG0015
 DWG. NO: 10B





SEE SHEET 10D FOR SWING TIE DATA



KEY MAP

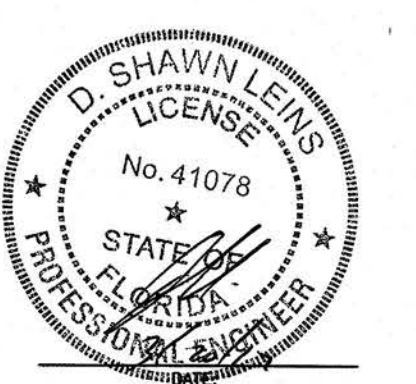
1708-5

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UTILITY RECORD DRAWING - PHASE 2
TOSCANA ISLES UNITS I AND II, PHASE 2
 SCALE: 1"=50'
 DATE: 4/15/16
 CLIENT: LALP DEVELOPMENT, LLC
 DESIGNED: [Signature]
 DRAWN BY: BKG
 CAD FILE: VANG15MUP
 JOB NO: VANG0015
 DRWG. NO: 10C



SWING TIE INFORMATION—WATER & SANITARY SEWER SERVICES

LOT #	WATER SERVICE LOCATION		SANITARY SEWER CLEANOUT	
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
28	PT #86 SANITARY MH 7	124.4'	PT #87 M.N.&D. IN CURB	89.8'
29	PT #87 M.N.&D. IN CURB	52.0'	PT #88 SANITARY MH 6	164.6'
30	PT #87 M.N.&D. IN CURB	53.9'	PT #88 SANITARY MH 6	161.7'
31	PT #87 M.N.&D. IN CURB	154.5'	PT #88 SANITARY MH 6	47.3'
32	PT #87 M.N.&D. IN CURB	157.4'	PT #88 SANITARY MH 6	44.8'
33	PT #88 SANITARY MH 6	83.2'	PT #89 INLET 150	74.7'
34	PT #88 SANITARY MH 6	86.0'	PT #89 INLET 150	72.3'
35	PT #89 INLET 150	71.8'	PT #90 M.N.&D. IN CURB	157.2'
36	PT #89 INLET 150	74.4'	PT #90 M.N.&D. IN CURB	154.0'
37	PT #89 INLET 150	183.8'	PT #90 M.N.&D. IN CURB	44.8'
38	PT #89 INLET 150	186.7'	PT #90 M.N.&D. IN CURB	42.5'
39	PT #90 M.N.&D. IN CURB	90.0'	PT #91 SANITARY MH 5	48.4'
40	PT #90 M.N.&D. IN CURB	92.7'	PT #91 SANITARY MH 5	50.8'
41	PT #91 SANITARY MH 5	162.3'	PT #92 INLET 520	135.6'
42	PT #91 SANITARY MH 5	165.1'	PT #92 INLET 520	132.9'
43	PT #92 INLET 520	40.0'	PT #93 SANITARY MH 4	117.7'
44	PT #92 INLET 520	40.4'	PT #93 SANITARY MH 4	101.6'
72	PT #86 SANITARY MH 7	97.7'	PT #87 M.N.&D. IN CURB	115.4'
73	PT #87 M.N.&D. IN CURB	41.3'	PT #88 SANITARY MH 6	191.5'
74	PT #87 M.N.&D. IN CURB	42.0'	PT #88 SANITARY MH 6	188.8'
75	PT #87 M.N.&D. IN CURB	131.5'	PT #88 SANITARY MH 6	71.3'
76	PT #87 M.N.&D. IN CURB	134.7'	PT #88 SANITARY MH 6	68.3'
77	PT #88 SANITARY MH 6	62.0'	PT #89 INLET 150	87.8'
78	PT #88 SANITARY MH 6	65.9'	PT #89 INLET 150	83.4'
79	PT #89 INLET 150	53.3'	PT #90 M.N.&D. IN CURB	163.8'
80	PT #89 INLET 150	56.2'	PT #90 M.N.&D. IN CURB	160.9'
81	PT #89 INLET 150	172.2'	PT #90 M.N.&D. IN CURB	49.7'
82	PT #89 INLET 150	175.4'	PT #90 M.N.&D. IN CURB	47.1'
83	PT #90 M.N.&D. IN CURB	83.9'	PT #91 SANITARY MH 5	43.6'
84	PT #90 M.N.&D. IN CURB	86.8'	PT #91 SANITARY MH 5	46.0'
85	PT #91 SANITARY MH 5	155.8'	PT #92 INLET 520	136.9'
86	PT #91 SANITARY MH 5	158.8'	PT #92 INLET 520	133.8'
87	PT #92 INLET 520	13.2'	PT #93 SANITARY MH 4	120.1'
88	PT #60 SANITARY MH 2A	25.8'	PT #61 M.N.&D. IN CURB	180.0'
89	PT #60 SANITARY MH 2A	118.4'	PT #61 M.N.&D. IN CURB	70.5'
90	PT #60 SANITARY MH 2A	121.5'	PT #61 M.N.&D. IN CURB	67.8'
91	PT #61 M.N.&D. IN CURB	67.7'	PT #62 SANITARY MH 27	160.5'
92	PT #61 M.N.&D. IN CURB	70.5'	PT #62 SANITARY MH 27	157.4'
93	PT #61 M.N.&D. IN CURB	174.7'	PT #62 SANITARY MH 27	49.0'
94	PT #62 SANITARY MH 27	40.2'	PT #63 FIRE HYDRANT	78.3'
95	PT #62 SANITARY MH 27	112.4'	PT #63 FIRE HYDRANT	6.1'
96	PT #62 SANITARY MH 27	120.5'	PT #63 FIRE HYDRANT	6.3'
97	PT #62 SANITARY MH 27	193.0'	PT #63 FIRE HYDRANT	77.2'
98	PT #64 SANITARY MH 28	70.4'	PT #65 INLET 514	152.5'
99	PT #64 SANITARY MH 28	67.3'	PT #65 INLET 514	149.2'
100	PT #64 SANITARY MH 28	80.8'	PT #65 INLET 514	15.9'
101	PT #65 INLET 514	74.2'	PT #66 SANITARY MH 29	79.1'
102	PT #65 INLET 514	151.9'	PT #66 SANITARY MH 29	30.0'
103	PT #66 SANITARY MH 29	31.5'	PT #67 SANITARY MH 30	171.1'
104	PT #66 SANITARY MH 29	112.0'	PT #67 SANITARY MH 30	81.9'
105	PT #67 SANITARY MH 30	69.0'	PT #68 SANITARY MH 31	140.2'
106	PT #67 SANITARY MH 30	72.1'	PT #68 SANITARY MH 31	137.1'
107	PT #68 SANITARY MH 31	21.8'	PT #69 SANITARY MH 32	187.9'
108	PT #68 SANITARY MH 31	93.5'	PT #69 SANITARY MH 32	103.1'
109	PT #68 SANITARY MH 31	96.8'	PT #69 SANITARY MH 32	100.1'
110	PT #68 SANITARY MH 31	185.0'	PT #69 SANITARY MH 32	30.3'
111	PT #69 SANITARY MH 32	86.1'	PT #70 INLET 509	163.6'
112	PT #69 SANITARY MH 32	165.5'	PT #70 INLET 509	87.1'
113	PT #70 INLET 509	35.1'	PT #71 SANITARY MH 33	35.9'
114	PT #71 SANITARY MH 33	51.4'	PT #72 M.N.&D. IN CURB	159.9'
115	PT #71 SANITARY MH 33	129.4'	PT #72 M.N.&D. IN CURB	83.7'
116	PT #72 M.N.&D. IN CURB	35.9'	PT #73 SANITARY MH 34	186.8'
117	PT #73 SANITARY MH 34	31.7'	PT #74 FIRE HYDRANT	99.8'
118	PT #73 SANITARY MH 34	110.5'	PT #74 FIRE HYDRANT	4.7'
119	PT #68 SANITARY MH 31	85.9'	PT #69 SANITARY MH 32	106.2'
120	PT #67 SANITARY MH 30	135.3'	PT #68 SANITARY MH 31	68.7'
121	PT #67 SANITARY MH 30	75.4'	PT #68 SANITARY MH 31	128.6'
122	PT #67 SANITARY MH 30	72.4'	PT #68 SANITARY MH 31	131.8'
123	PT #66 SANITARY MH 29	109.9'	PT #67 SANITARY MH 30	81.3'
124	PT #75 SANITARY MH 28	30.2'	PT #76 INLET 522	192.1'
125	PT #75 SANITARY MH 28	75.9'	PT #76 INLET 522	141.6'
126	PT #75 SANITARY MH 28	149.0'	PT #76 INLET 522	76.0'
127	PT #76 INLET 522	82.2'	PT #77 SANITARY MH 47	71.1'
128	PT #76 INLET 522	151.7'	PT #77 SANITARY MH 47	33.7'
411	PT #75 SANITARY MH 2B	188.3'	PT #76 INLET 522	16.4'
412	PT #76 INLET 522	21.7'	PT #77 SANITARY MH 47	121.5'
413	PT #76 INLET 522	141.9'	PT #77 SANITARY MH 47	20.1'

SWING TIE INFORMATION—WATER & SANITARY SEWER SERVICES

CONDO #	WATER SERVICE LOCATION		SANITARY SEWER CLEANOUT	
	SWING TIE POINT	DISTANCE	SWING TIE POINT	DISTANCE
1	DOMESTIC PT #81 FIRE HYDRANT	6.5'	PT #82 FIRE HYDRANT	187.2'
	FIRELINE PT #81 FIRE HYDRANT	9.4'	PT #82 FIRE HYDRANT	184.0'
2	DOMESTIC PT #81 FIRE HYDRANT	183.6'	PT #82 FIRE HYDRANT	9.8'
	FIRELINE PT #81 FIRE HYDRANT	185.7'	PT #82 FIRE HYDRANT	8.0'
3	DOMESTIC PT #82 FIRE HYDRANT	6.5'	PT #83 FIRE HYDRANT	191.0'
	FIRELINE PT #82 FIRE HYDRANT	8.7'	PT #83 FIRE HYDRANT	188.6'
4	DOMESTIC PT #82 FIRE HYDRANT	189.7'	PT #83 FIRE HYDRANT	8.5'
	FIRELINE PT #82 FIRE HYDRANT	192.3'	PT #83 FIRE HYDRANT	6.5'
5	DOMESTIC PT #83 FIRE HYDRANT	6.4'	PT #84 INLET 568	124.0'
	FIRELINE PT #83 FIRE HYDRANT	8.2'	PT #84 INLET 568	121.7'
6	DOMESTIC PT #84 INLET 568	109.7'	PT #85 FIRE HYDRANT	7.7'
	FIRELINE PT #84 INLET 568	112.0'	PT #85 FIRE HYDRANT	6.3'
7	DOMESTIC PT #84 INLET 568	173.3'	PT #85 FIRE HYDRANT	72.2'
	FIRELINE PT #84 INLET 568	171.8'	PT #85 FIRE HYDRANT	71.3'
8	DOMESTIC PT #84 INLET 568	86.2'	PT #85 FIRE HYDRANT	54.2'
	FIRELINE PT #84 INLET 568	83.6'	PT #85 FIRE HYDRANT	55.5'
9	DOMESTIC PT #83 FIRE HYDRANT	67.2'	PT #84 INLET 568	81.0'
	FIRELINE PT #83 FIRE HYDRANT	65.2'	PT #84 INLET 568	83.8'
10	DOMESTIC PT #82 FIRE HYDRANT	175.8'	PT #83 FIRE HYDRANT	58.0'
	FIRELINE PT #82 FIRE HYDRANT	173.8'	PT #83 FIRE HYDRANT	58.7'
11	DOMESTIC PT #82 FIRE HYDRANT	172.2'	PT #83 FIRE HYDRANT	60.0'
	FIRELINE PT #82 FIRE HYDRANT	170.3'	PT #83 FIRE HYDRANT	61.6'
12	DOMESTIC PT #81 FIRE HYDRANT	197.3'	PT #82 FIRE HYDRANT	46.3'
	FIRELINE PT #81 FIRE HYDRANT	194.0'	PT #82 FIRE HYDRANT	46.3'
13	DOMESTIC PT #81 FIRE HYDRANT	191.1'	PT #82 FIRE HYDRANT	47.2'
	FIRELINE PT #81 FIRE HYDRANT	188.0'	PT #82 FIRE HYDRANT	48.1'
14	DOMESTIC PT #81 FIRE HYDRANT	50.7'	PT #82 FIRE HYDRANT	178.2'
	FIRELINE PT #81 FIRE HYDRANT	49.8'	PT #82 FIRE HYDRANT	180.4'
15	DOMESTIC PT #79 INLET 525	86.8'	PT #80 SANITARY MH 48	37.9'
	FIRELINE PT #79 INLET 525	38.2'	PT #80 SANITARY MH 48	105.7'
16	DOMESTIC PT #78 FIRE HYDRANT	76.1'	PT #79 INLET 525	38.6'
	FIRELINE PT #78 FIRE HYDRANT	5.7'	PT #79 INLET 525	89.7'
17	DOMESTIC PT #77 SANITARY MH 47	199.4'	PT #78 FIRE HYDRANT	6.0'
	FIRELINE PT #77 SANITARY MH 47	130.3'	PT #78 FIRE HYDRANT	73.0'
18	DOMESTIC PT #78 FIRE HYDRANT	91.2'	PT #79 INLET 525	159.8'
	FIRELINE PT #78 FIRE HYDRANT	50.2'	PT #79 INLET 525	86.4'
19	DOMESTIC PT #78 FIRE HYDRANT	95.4'	PT #79 INLET 525	13.1'
	FIRELINE PT #78 FIRE HYDRANT	50.4'	PT #79 INLET 525	83.1'
20	DOMESTIC PT #79 INLET 525	25.9'	PT #80 SANITARY MH 48	92.5'
	FIRELINE PT #79 INLET 525	107.7'	PT #80 SANITARY MH 48	27.3'

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.

NOTE:
ITEMS SHOWN IN GREY ARE OWNED
BY SARASOTA COUNTY UTILITIES

SWING TIE INFORMATION—WATERMAIN

DESCRIPTION	SWING TIE POINT	DISTANCE	TO	DISTANCE	ELEVATION
#220-BLOW-OFF	PT #84 INLET 568	186.2'	PT #85 FIRE HYDRANT	71.2'	—
#221-8" GATE VALVE	PT #84 INLET 568	180.3'	PT #85 FIRE HYDRANT	65.5'	NUT=12.45
#222-8"x6" TEE	PT #84 INLET 568	115.4'	PT #85 FIRE HYDRANT	10.1'	10.79 T.O.P.
#223-6" GATE VALVE	PT #84 INLET 568	115.6'	PT #85 FIRE HYDRANT	8.9'	NUT=11.96
#224-8"x6" TEE	PT #83 FIRE HYDRANT	9.9'	PT #84 INLET 568	127.1'	11.04 T.O.P.
#225-6" GATE VALVE	PT #83 FIRE HYDRANT	9.0'	PT #84 INLET 568	127.0'	NUT=12.14
#226-8"x6" TEE	PT #81 FIRE HYDRANT	191.5'	PT #82 FIRE HYDRANT	11.5'	10.80 T.O.P.
#227-6" GATE VALVE	PT #81 FIRE HYDRANT	191.9'	PT #82 FIRE HYDRANT	10.1'	NUT=11.90
#228-8"x6" TEE	PT #81 FIRE HYDRANT	11.3'	PT #82 FIRE HYDRANT	192.2'	10.87 T.O.P.
#229-6" GATE VALVE	PT #81 FIRE HYDRANT	9.8'	PT #82 FIRE HYDRANT	192.1'	NUT=11.99
#230-8" GATE VALVE	PT #80 SANITARY MH 48	30.8'	PT #81 FIRE HYDRANT	124.6'	NUT=12.20
#231-8" TEE	PT #80 SANITARY MH 48	23.8'	PT #81 FIRE HYDRANT	136.2'	10.65 T.O.P.
#232-8" GATE VALVE	PT #80 SANITARY MH 48	40.6'	PT #81 FIRE HYDRANT	136.9'	NUT=12.05
#233-BLOW-OFF	PT #80 SANITARY MH 48	43.1'	PT #81 FIRE HYDRANT	138.4'	—
#234-8"x6" TEE	PT #78 FIRE HYDRANT	12.5'	PT #79 INLET 525	89.1'	10.83 T.O.P.
#235-6" GATE VALVE	PT #78 FIRE HYDRANT	11.4'	PT #79 INLET 525	89.7'	NUT=12.03
#236-8" GATE VALVE	PT #77 SANITARY MH 47	116.5'	PT #78 FIRE HYDRANT	86.6'	NUT=13.29
#237-8" 45° BEND	PT #77 SANITARY MH 47	111.9'	PT #78 FIRE HYDRANT	91.2'	12.05 T.O.P.
#238-8" SLEEVE	PT #76 INLET 522	128.4'	PT #77 SANITARY MH 47	12.9'	12.02 T.O.P.
#239-8"x6" TEE	PT #62 SANITARY MH 27	115.5'	PT #63 FIRE HYDRANT	12.8'	10.51 T.O.P.
#240-6" GATE VALVE	PT #62 SANITARY MH 27	115.4'	PT #63 FIRE HYDRANT	11.4'	NUT=11.65
#241-8" GATE VALVE	PT #67 SANITARY MH 30	29.4'	PT #68 SANITARY MH 31	176.1'	NUT=11.74
#242-8"x6" TEE	PT #68 SANITARY MH 31	15.2'	PT #69 SANITARY MH 32	180.3'	9.63 T.O.P.
#243-6" GATE VALVE	PT #68 SANITARY MH 31	16.0'	PT #69 SANITARY MH 32	180.6'	NUT=10.94
#244-8"x6" TEE	PT #73 SANITARY MH 34	114.3'	PT #74 FIRE HYDRANT	9.2'	10.46 T.O.P.
#245-6" GATE VALVE	PT #73 SANITARY MH 34	114.1'	PT #74 FIRE HYDRANT	8.1'	NUT=11.62

UTILITY RECORD DRAWING — PHASE 2

TOSCANA ISLES UNITS I AND II, PHASE 2

SCALE: N.T.S.	APPROVED BY: D. SHAWN LEINS, PE	DRAWN BY: RWD
DATE: 12/16/16	FLORIDA CERTIFICATE NO: 41078	CAD FILE: VANG15MUP
CLIENT: LALP DEVELOPMENT, LLC	JOB NO: VANG0015	DATE: 12/16/16
DESC: UTILITY ASBUILT CHART	DWG. NO: 100	



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

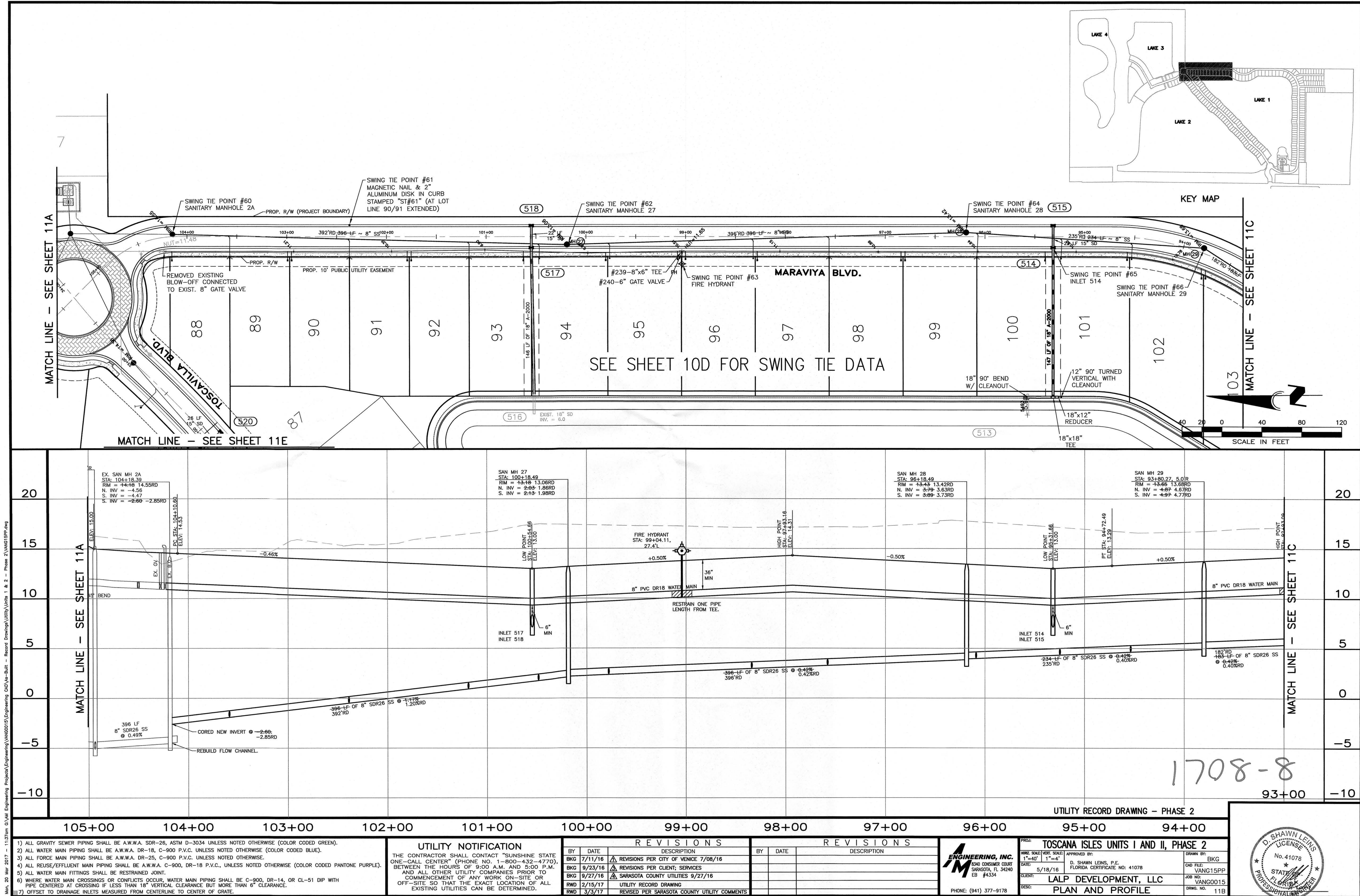
THE CONTRACTOR SHALL NOTIFY "SUNSHINE STATE ONE-CALL CENTER" AND ALL OTHER UTILITIES FOR LOCATION OF EXISTING FACILITIES PRIOR TO BEGINNING CONSTRUCTION.

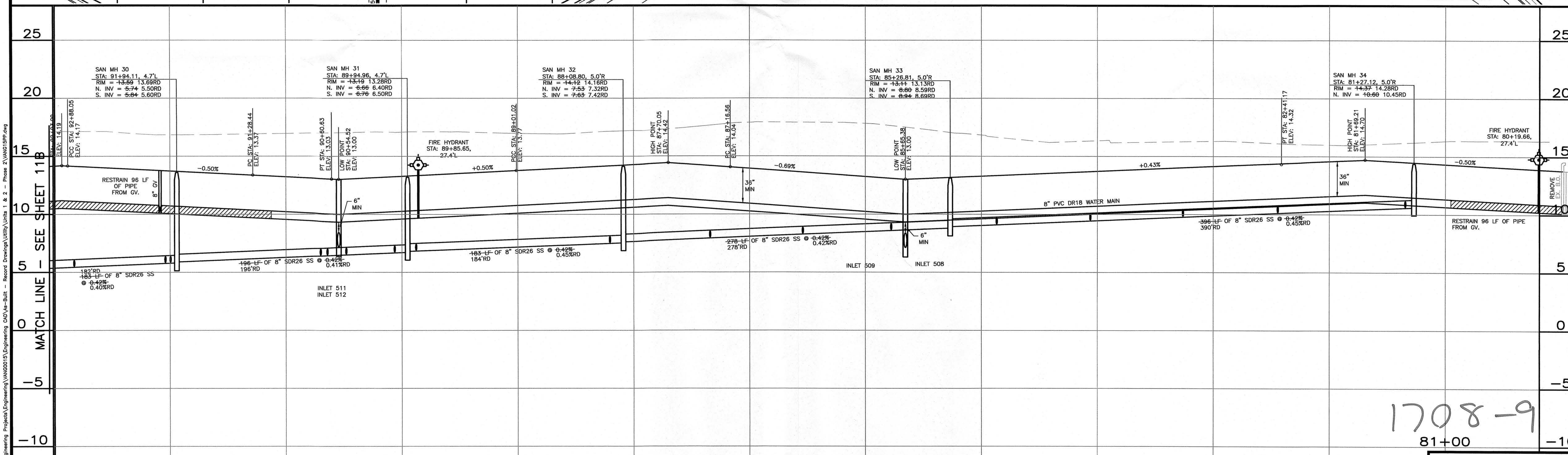
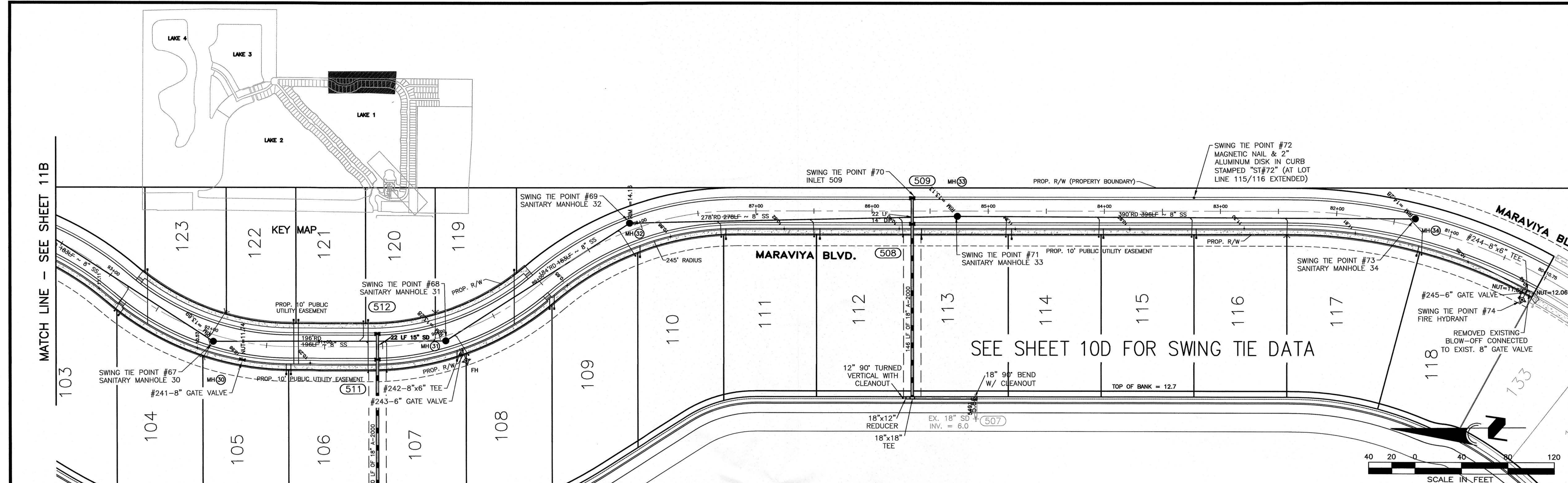
REVISIONS	
BY	DATE
RWD	2/15/17

DESCRIPTION

UTILITY RECORD DRAWING







1) ALL GRAVITY SEWER PIPING SHALL BE A.W.W.A. SDR-26, ASTM D-3034 UNLESS NOTED OTHERWISE (COLOR CODED GREEN).

2) ALL WATER MAIN PIPING SHALL BE A.W.W.A. DR-18, C-900 P.V.C. UNLESS NOTED OTHERWISE (COLOR CODED BLUE).

3) ALL FORCE MAIN PIPING SHALL BE A.W.W.A. DR-25, C-900 P.V.C. UNLESS NOTED OTHERWISE.

4) ALL REUSE/EFFLUENT MAIN PIPING SHALL BE A.W.W.A. C-900, DR-18 P.V.C., UNLESS NOTED OTHERWISE (COLOR CODED PANTONE PURPLE).

5) ALL WATER MAIN FITTINGS SHALL BE RESTRAINED JOINT.

6) WHERE WATER MAIN CROSSINGS OR CONFLICTS OCCUR, WATER MAIN PIPING SHALL BE C-900, DR-14, OR CL-51 DIP WITH PIPE CENTERED AT CROSSING IF LESS THAN 18" VERTICAL CLEARANCE BUT MORE THAN 6" CLEARANCE.

7) OFFSET TO DRAINAGE INLETS MEASURED FROM CENTERLINE TO CENTER OF GRATE.

UTILITY NOTIFICATION

THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE ONE-CALL CENTER" (PHONE NO. 1-800-432-4770), BETWEEN THE HOURS OF 9:00 A.M. AND 5:00 P.M. AND ALL OTHER UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY WORK ON-SITE OR OFF-SITE SO THAT THE EXACT LOCATION OF ALL EXISTING UTILITIES CAN BE DETERMINED.

REVISIONS		REVISIONS	
BY	DATE	DESCRIPTION	DESCRIPTION
BKG	7/11/16	REVISIONS PER CITY OF VENICE 7/08/16	
BKG	9/23/16	REVISIONS PER CLIENT; SERVICES	
RWD	2/15/17	UTILITY RECORD DRAWING	
RWD	3/3/17	REVISED PER SARASOTA COUNTY UTILITY COMMENTS	

ENGINEERING, INC.

8340 CONSUMER COURT
SARASOTA, FL 34240
EB #4334

PHONE: (941) 377-9178

TOSCANA ISLES UNITS I AND II, PHASE 2

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

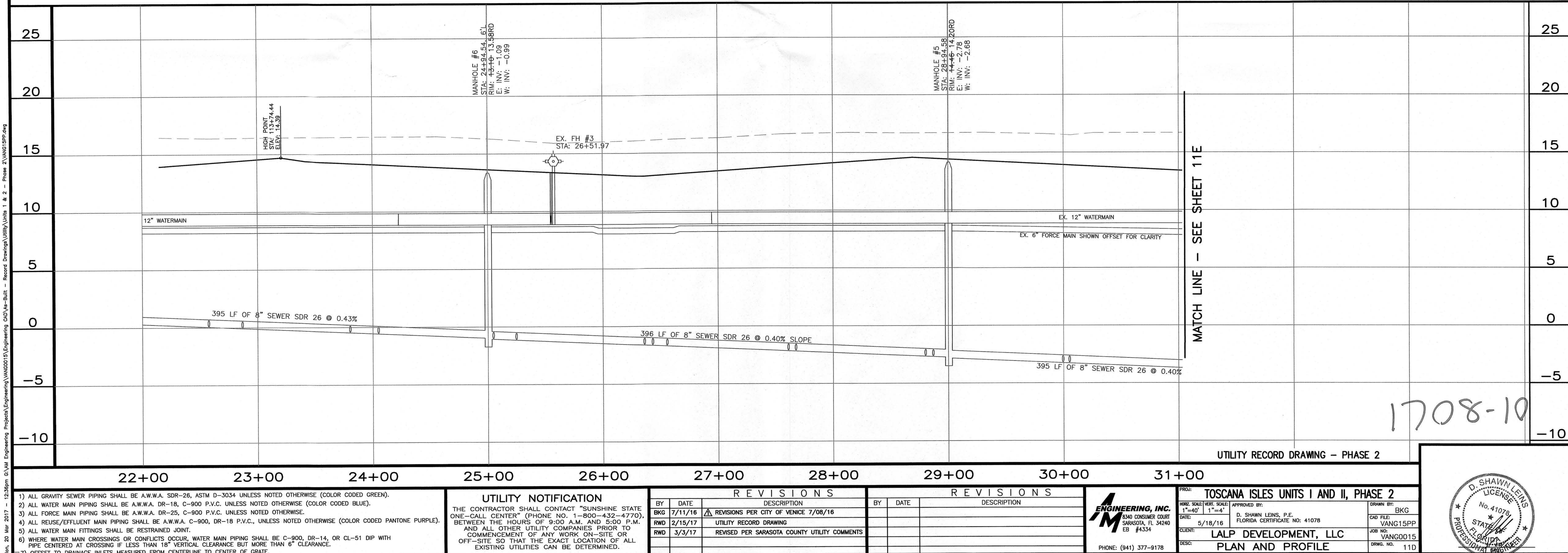
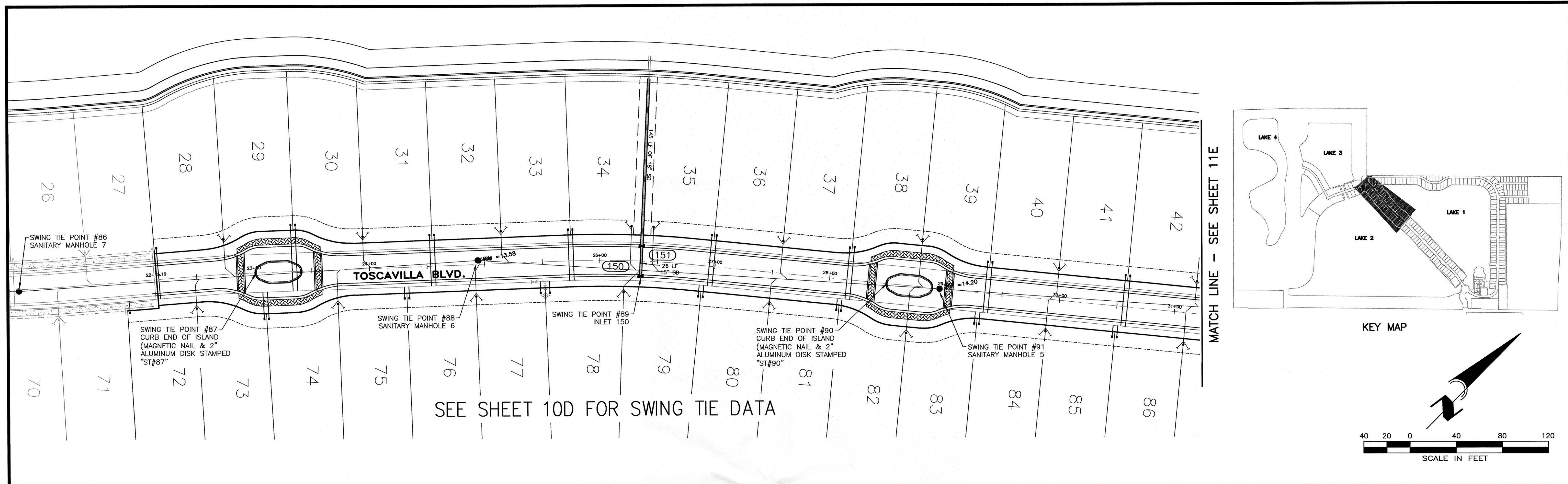
DATE: 5/18/16

CLIENT: LALP DEVELOPMENT, LLC

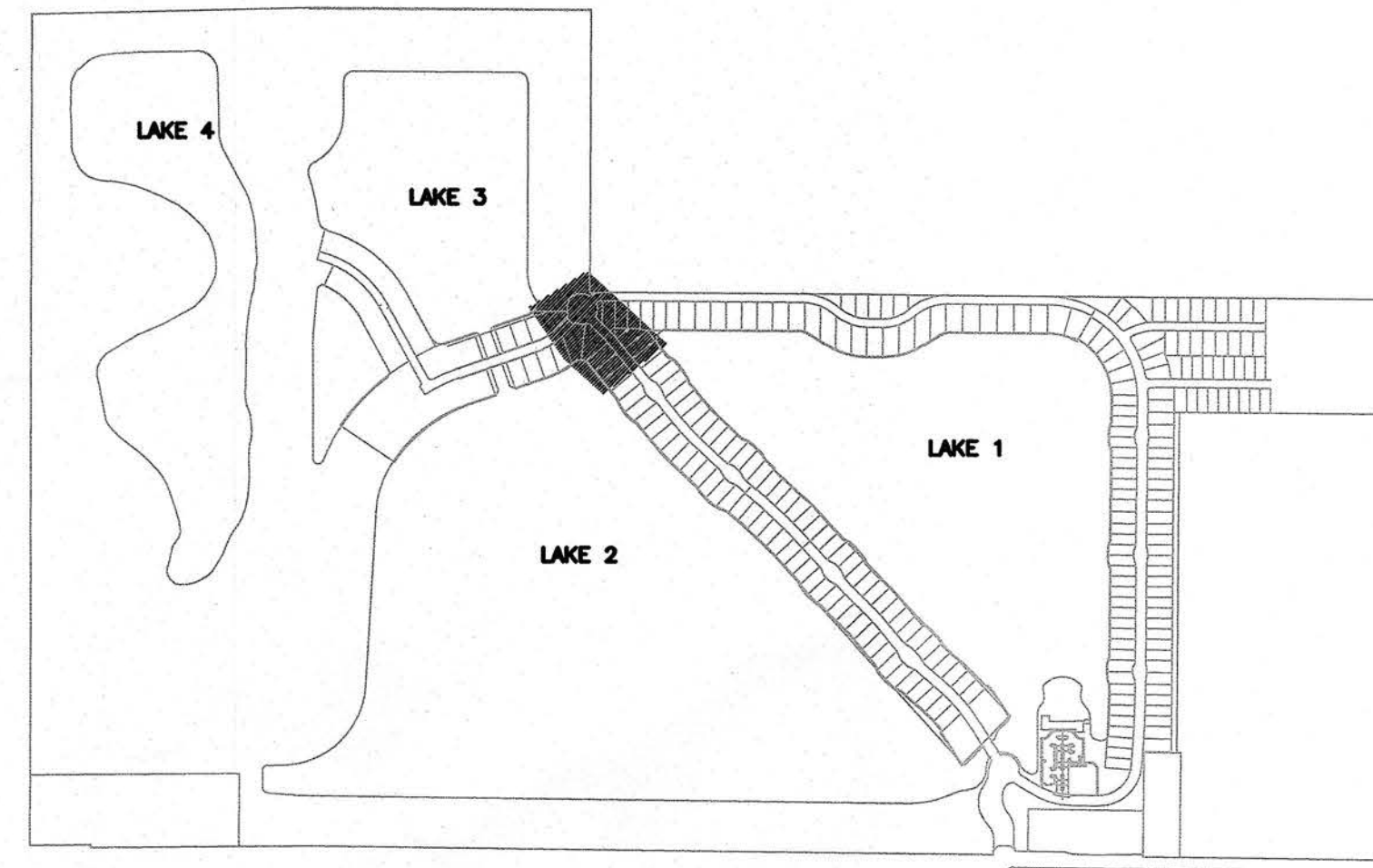
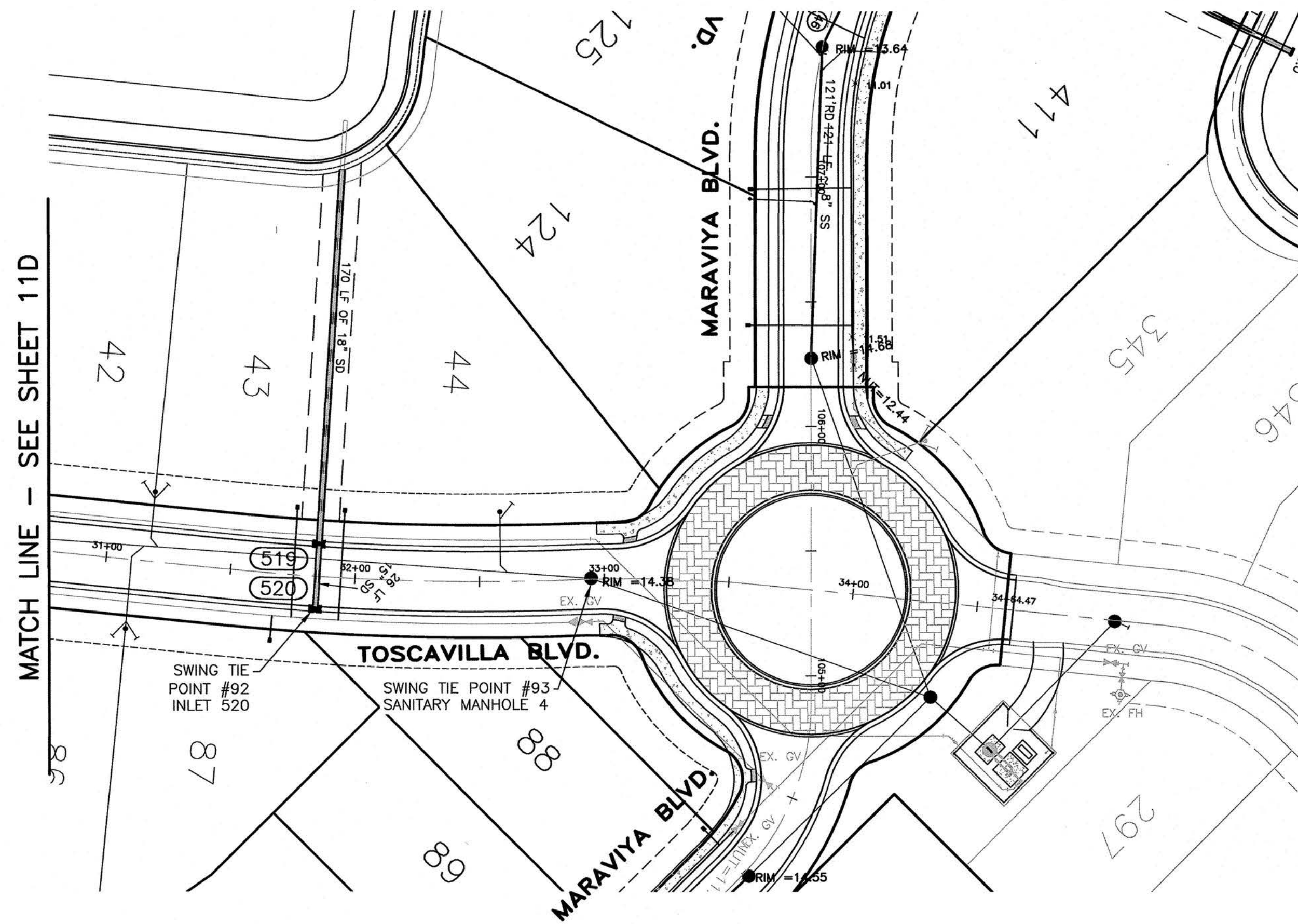
DESIGN: PLAN AND PROFILE

DRAWN BY: BKG
JOB NO: VANG15PP
JOB NO: VANG0015
DRAWG. NO: 11C

D. SHAWN LEINS
LICENSED PROFESSIONAL ENGINEER
No. 41078
STATE OF FLORIDA

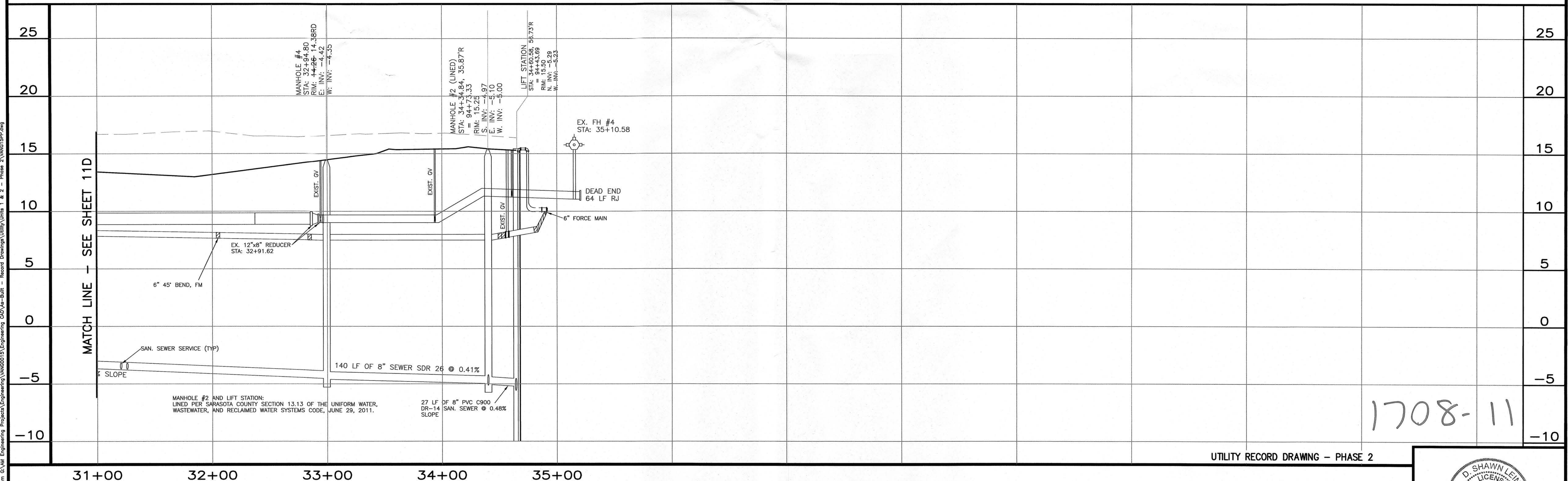
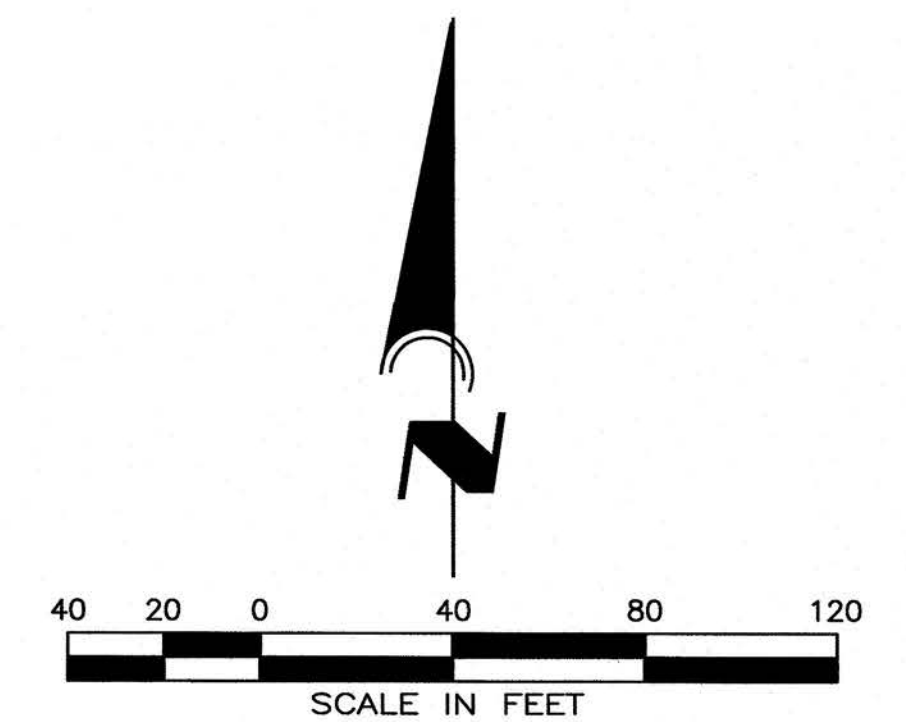


Mon, 20 Mar 2017 - 12:38pm G:\AM Engineering Projects\Engineering\TOSCA\15PP-2 - Phase 2\TOSCA15PP.dwg



KEY MAP

SEE SHEET 10D FOR SWING TIE DATA



1708-11

UTILITY RECORD DRAWING - PHASE 2

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UTILITY NOTIFICATION

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REVISIONS

BY	DATE	DESCRIPTION
BKG	7/11/16	REVISIONS PER CITY OF VENICE 7/08/16
RWD	2/15/17	UTILITY RECORD DRAWING
RWD	3/3/17	REVISED PER SARASOTA COUNTY UTILITY COMMENTS

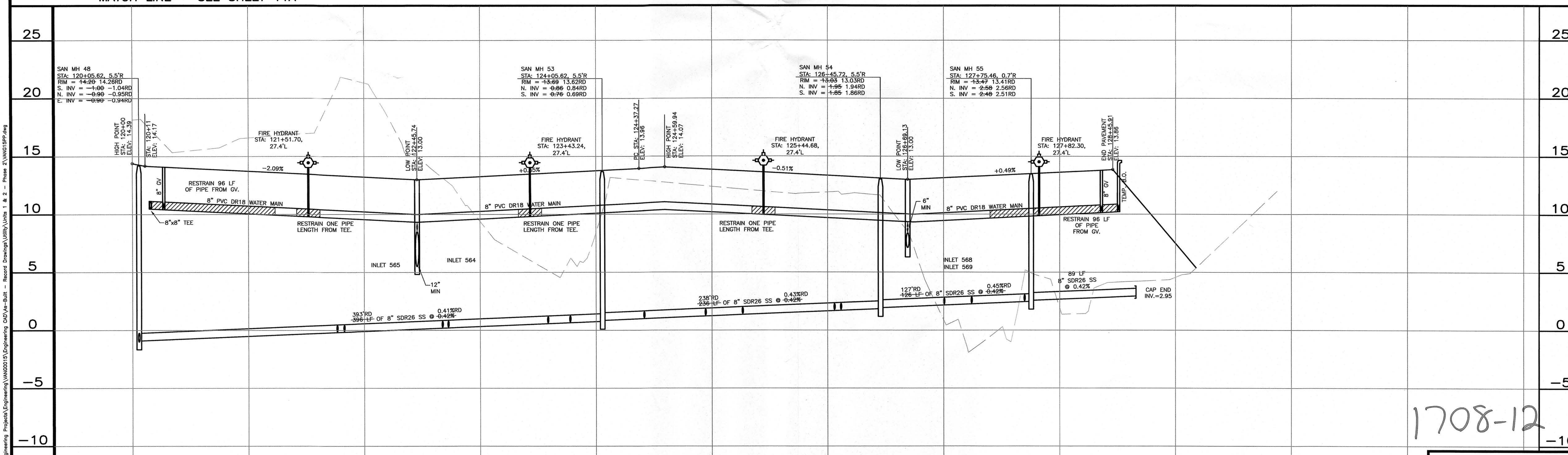
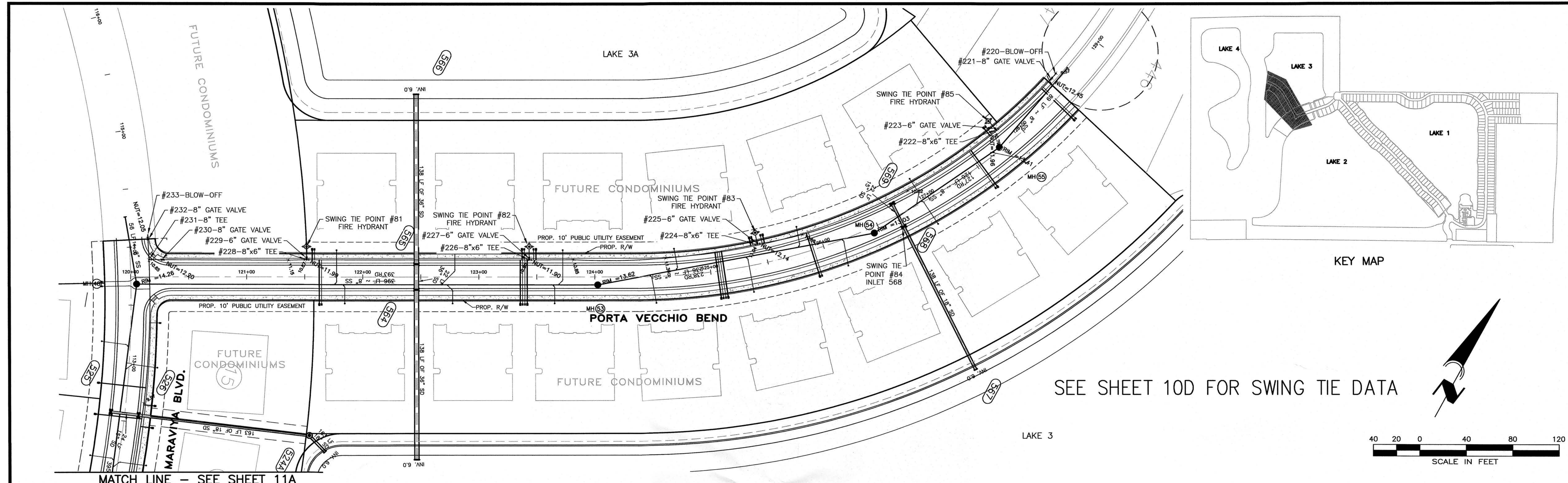
REVISIONS

BY	DATE	DESCRIPTION

ENGINEERING, INC.
6340 CONSUMER COURT
SARASOTA, FL 34240
EB #4334
PHONE: (941) 377-9178

PROJECT: **TOSCANA ISLES UNITS I AND II, PHASE 2**
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
DATE: 5/18/16
CLIENT: LALP DEVELOPMENT, LLC
DESIGN: PLAN AND PROFILE
APPROVED BY: D. SHAWN LEINS, P.E.
FLORIDA CERTIFICATE NO: 41078
DRAWN BY: BKG
JOB NO: VANG0015
DATE: 5/18/16





1) ALL GRAVITY SEWER PIPING SHALL BE A.W.W.A. SDR-26, ASTM D-3034 UNLESS NOTED OTHERWISE (COLOR CODED GREEN).

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REVISIONS		REVISIONS			
BY	DATE	DESCRIPTION	BY	DATE	DESCRIPTION
BKG	7/11/16	REVISIONS PER CITY OF VENICE 7/08/16			
BKG	8/19/16	REVISIONS PER CITY OF VENICE 8/18/16			
RWD	2/15/17	UTILITY RECORD DRAWING			
RWD	3/3/17	REVISED PER SARASOTA COUNTY UTILITY COMMENTS			

ENGINEERING, INC.
6340 CONSUMER COURT
SARASOTA, FL 34240
EB #4334
PHONE: (941) 377-9178

PROJECT: **TOSCANA ISLES UNITS I AND II, PHASE 2**

DATE: 5/18/16

CLIENT: **LALP DEVELOPMENT, LLC**

DESIGN: **PLAN AND PROFILE**

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

DRAWN BY: BKG

CAD FILE: VANG15PP

JOB NO: VANG0015

DRAWG. NO: 11F

1708-12

