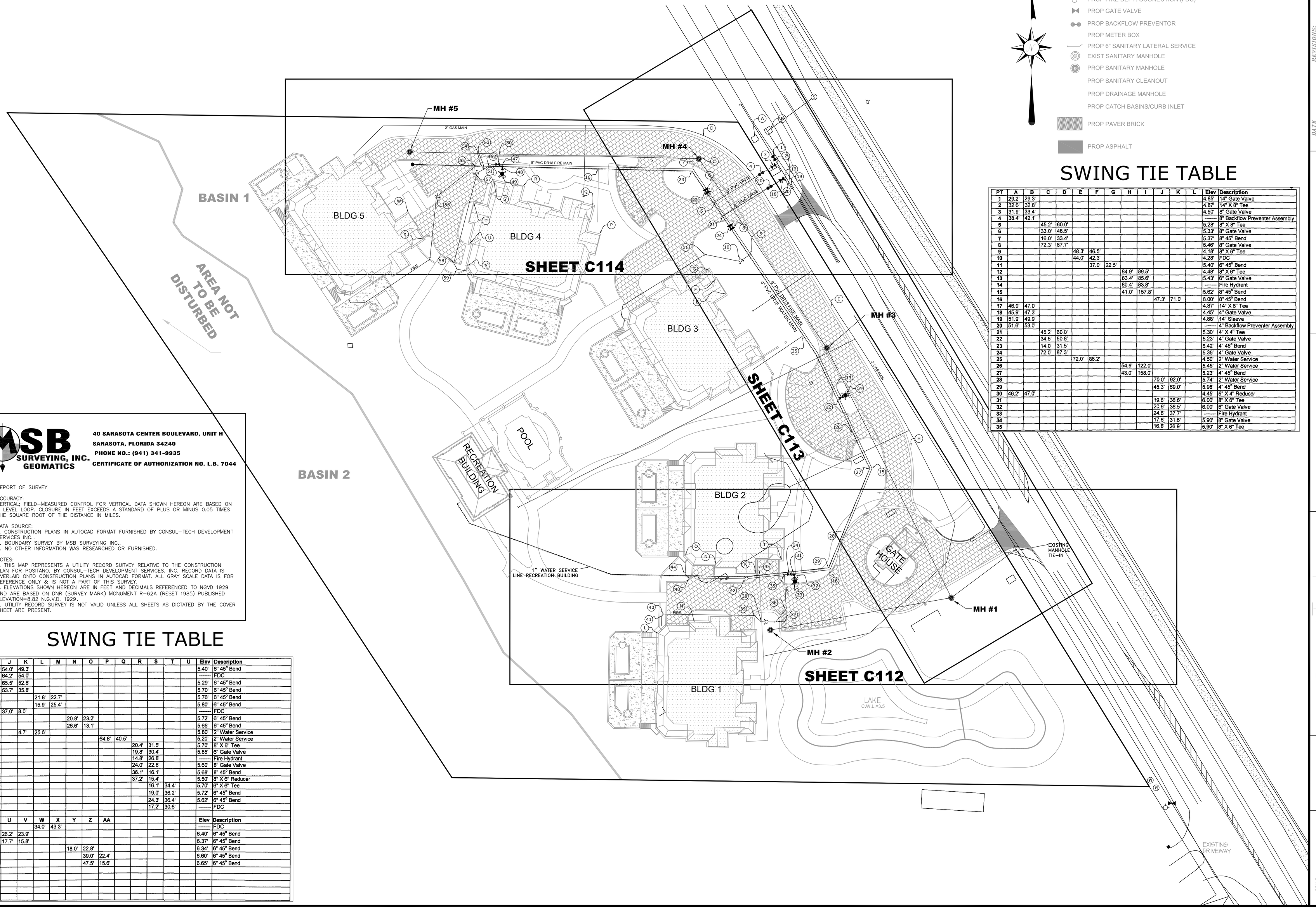
RECORD SURVEY



LEGEND:

- PROP FIRE HYDRANT
- PROP FIRE DEPT. COONECTION (FDC)
- PROP GATE VALVE
- PROP BACKFLOW PREVENTOR
- PROP METER BOX
- PROP 6" SANITARY LATERAL SERVICE
- EXIST SANITARY MANHOLE
- PROP SANITARY MANHOLE
- PROP SANITARY CLEANOUT
- PROP DRAINAGE MANHOLE
- PROP CATCH BASINS/CURB INLET
- PROP PAVER BRICK
- PROP ASPHALT

SWING TIE TABLE

PT	A	B	C	D	E	F	G	H	I	J	K	L	Elev	Description
1	29.2'	29.3'											4.85'	14" Gate Valve
2	32.6'	32.8'											4.87'	14" X 8" Tee
3	31.9'	33.4'											4.50'	8" Gate Valve
4	38.4'	42.1'											------	8" Backflow Preventer Assembly
5			45.2'	60.0'									5.28'	8" X 8" Tee
6			33.0'	46.5'									5.33'	8" Gate Valve
7			16.0'	33.4'									5.37'	8" 45° Bend
8			72.3'	87.7'									5.46'	8" Gate Valve
9					48.3'	46.5'							4.18'	8" X 6" Tee
10					44.0'	42.3'							4.28'	FDC
11						37.0'	22.5'						5.40'	6" 45° Bend
12								84.9'	86.5'				4.48'	6" X 6" Tee
13								83.4'	85.6'				5.43'	6" Gate Valve
14								80.4'	83.8'				------	Fire Hydrant
15								41.0'	157.8'				5.62'	8" 45° Bend
16										47.3'	71.0'		6.00'	8" 45° Bend
17	46.9'	47.0'											4.87'	14" X 6" Tee
18	45.9'	47.3'											4.45'	4" Gate Valve
19	51.9'	49.9'											4.88'	14" Sleeve
20	51.6'	53.0'											------	4" Backflow Preventer Assembly
21			45.2'	60.0'									5.30'	4" X 4" Tee
22			34.5'	50.8'									5.23'	4" Gate Valve
23			14.0'	31.5'									5.42'	4" 45° Bend
24			72.0'	87.3'									5.35'	4" Gate Valve
25					72.0'	86.2'							4.50'	2" Water Service
26								54.9'	122.0'				5.45'	2" Water Service
27								43.0'	158.0'				5.23'	4" 45° Bend
28										70.0'	92.0'		5.74'	2" Water Service
29										45.3'	69.0'		5.98'	4" 45° Bend
30	46.2'	47.0'											4.45'	6" X 4" Reducer
31										19.6'	36.6'		6.00'	6" X 6" Tee
32										20.6'	36.5'		6.00'	6" Gate Valve
33										24.6'	37.7'		------	Fire Hydrant
34										17.6'	31.6'		5.90'	8" Gate Valve
35										16.8'	26.9'		5.90'	8" X 6" Tee

MSB SURVEYING, INC. GEOMATICS

40 SARASOTA CENTER BOULEVARD, UNIT H
SARASOTA, FLORIDA 34240
PHONE NO.: (941) 341-9935
CERTIFICATE OF AUTHORIZATION NO. L.B. 7044

REPORT OF SURVEY

ACCURACY:
VERTICAL; FIELD-MEASURED CONTROL FOR VERTICAL DATA SHOWN HEREON ARE BASED ON A LEVEL LOOP. CLOSURE IN FEET EXCEEDS A STANDARD OF PLUS OR MINUS 0.05 TIMES THE SQUARE ROOT OF THE DISTANCE IN MILES.

DATA SOURCE:
1. CONSTRUCTION PLANS IN AUTOCAD FORMAT FURNISHED BY CONSUL-TECH DEVELOPMENT SERVICES INC..
2. BOUNDARY SURVEY BY MSB SURVEYING INC..
3. NO OTHER INFORMATION WAS RESEARCHED OR FURNISHED.

NOTES:
1. THIS MAP REPRESENTS A UTILITY RECORD SURVEY RELATIVE TO THE CONSTRUCTION PLAN FOR POSITANO, BY CONSUL-TECH DEVELOPMENT SERVICES, INC. RECORD DATA IS OVERLAID ONTO CONSTRUCTION PLANS IN AUTOCAD FORMAT. ALL GRAY SCALE DATA IS FOR REFERENCE ONLY & IS NOT A PART OF THIS SURVEY.
2. ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMALS REFERENCED TO NGVD 1929 AND ARE BASED ON DNR (SURVEY MARK) MONUMENT R-62A (RESET 1985) PUBLISHED ELEVATION=8.82 N.G.V.D. 1929.
3. UTILITY RECORD SURVEY IS NOT VALID UNLESS ALL SHEETS AS DICTATED BY THE COVER SHEET ARE PRESENT.

SWING TIE TABLE

PT	J	K	L	M	N	O	P	Q	R	S	T	U	Elev	Description
36	54.0'	49.3'											5.40'	6" 45° Bend
37	64.2'	54.0'											------	FDC
38	65.5'	52.8'											5.29'	6" 45° Bend
39	53.7'	35.8'											5.70'	6" 45° Bend
40			21.8'	22.7'									5.76'	6" 45° Bend
41			15.9'	25.4'									5.80'	6" 45° Bend
42	37.0'	8.0'											------	FDC
43					20.8'	23.2'							5.72'	6" 45° Bend
44					26.6'	13.1'							5.65'	6" 45° Bend
45		4.7'	25.6'										5.80'	2" Water Service
46							64.8'	40.5'					5.20'	2" Water Service
47									20.4'	31.5'			5.70'	6" X 6" Tee
48									19.8'	30.4'			5.85'	6" Gate Valve
49									14.8'	26.8'			------	Fire Hydrant
50									24.0'	22.8'			5.60'	8" Gate Valve
51									36.1'	16.1'			5.68'	8" 45° Bend
52									37.2'	15.4'			5.50'	8" X 6" Reducer
53										16.1'	34.4'		5.70'	6" X 6" Tee
54										19.0'	36.2'		5.72'	6" 45° Bend
55										24.3'	36.4'		5.62'	6" 45° Bend
57										17.2'	30.6'		------	FDC

PT	U	V	W	X	Y	Z	AA	Elev	Description
56			34.0'	43.3'				------	FDC
58	26.2'	23.9'						6.40'	6" 45° Bend
59	17.7'	15.8'						6.37'	6" 45° Bend
60					18.0'	22.8'		6.34'	6" 45° Bend
61						39.0'	22.4'	6.60'	6" 45° Bend
62						47.5'	15.6'	6.65'	6" 45° Bend

DATE	REVISIONS:
03/11/04	REVISED PER OWNERS COMMENTS
06/14/04	ISSUED FOR CONSTRUCTION
08/03/04	REMOVE PHASE LINES

POSITANO
Project No. 03020440
LONGBOAT KEY, FLORIDA
SECTION 36, TOWNSHIP 35 S., RANGE 16 E.

MASTER UTILITY PLAN

ConsulTech
DEVELOPMENT SERVICES, INC.
CIVIL ENGINEERING - PLANNING - TRANSPORTATION - CONSTRUCTION MANAGEMENT - ENVIRONMENTAL
9015 Town Center Parkway, Suite 112, Sarasota Florida 34236, Phone: 941-907-8822, Fax: 941-907-8821

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DESIGN BY:
DRAWN BY:
CHECKED BY:
DATE:

SCALE: 1" = 40'
CAD FILE: S-002
DWG NO: S-002-site-04-10-03
C110