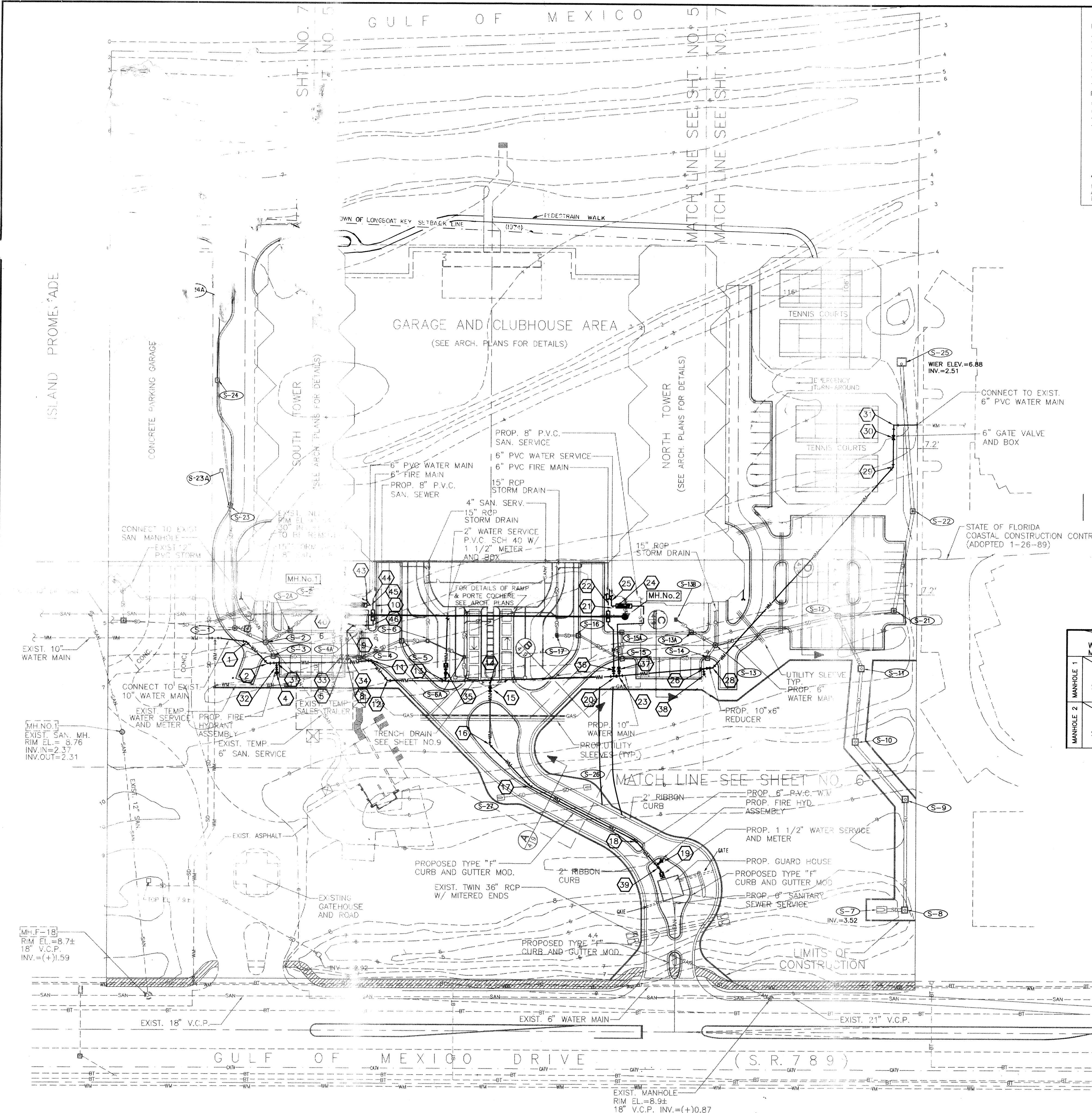


GULF OF MEXICO



**LEGEND**

EXISTING UTILITIES	
---	SANITARY SEWER
---	FORCE MAIN
---	STORM DRAIN
---	WATER MAIN
---	GAS MAIN
---	BURIED CABLE TV
---	BURIED ELECTRIC
---	BURIED TELEPHONE
PROPOSED UTILITIES	
---	SANITARY SEWER
---	STORM DRAIN
---	WATER MAIN
---	FIRE MAIN
(S-21)	PROP. STORM SEWER STRUCTURE
(MH.No. 2)	PROP. SANITARY SEWER MANHOLE
LIMITS OF CONSTRUCTION	

NOTE: ALL UTILITY SLEEVES ARE TO BE 5' BEYOND BACK OF CURB UNLESS NOTED OTHERWISE.

**ALSO NOTIFY:**

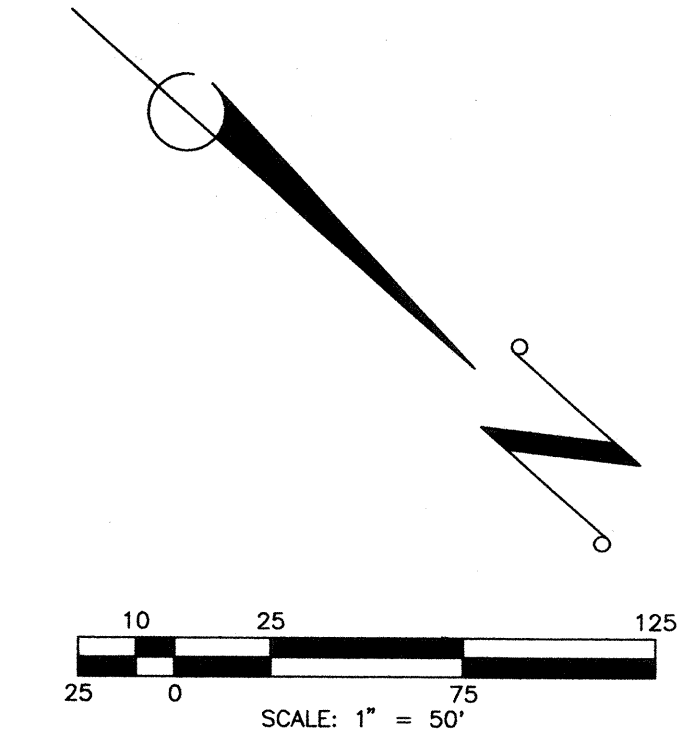
FP&L 953-7265  
TOWN OF LONGBOAT KEY 383-3721

**INVESTIGATE BEFORE YOU EXCAVATE**

**"CALL CANDY"**  
1-800-282-8881  
TOLL FREE

FL STATUTE 553.851 (1979) REQUIRES MIN. OF 2 DAYS AND MAX. OF 5 DAYS NOTICE BEFORE YOU EXCAVATE.

- GENERAL NOTES:**
- FOR DETAILS OF WATER SYSTEM SEE SHEET NO. 11.
  - ALL WATER MAIN, SANITARY SEWER, AND STORM DRAIN LENGTHS SHOWN ARE APPROXIMATE.
  - CONNECTION TO EXIST. 6" AND 10" PVC WATER MAIN TO BE MADE AFTER THE PROPOSED WATER MAIN IS CONSTRUCTED AND CERTIFIED TO BE IN CONFORMANCE WITH CONTRACT DOCUMENTS.
  - ALL 8" SANITARY SEWER TO BE P.V.C. C-900, UNLESS NOTED OTHERWISE.
  - ALL 10" AND 6" WATER MAIN SHALL BE P.V.C. (AWWA C-900 CLASS 150 DR18) UNLESS NOTED OTHERWISE.
  - ALL ELEVATIONS ARE BASED ON N.G.V.D. 1929 DATUM.
  - CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION OF ALL EXISTING STORM DRAINS, WATER MAINS, AND OTHER UTILITY CROSSINGS AND SERVICES.
  - CONTRACTOR IS TO MAINTAIN SERVICE TO ALL RESIDENTS DURING CONSTRUCTION.



**WATER SYSTEM RECORD DRAWING LOCATIONS**

WITNESS MARKER	DISTANCE		DESCRIPTION
20	18.4	51.6	TEE
21	S-15	S-16	45' ELBOW
22	S-15	S-16	45' ELBOW
23	16.5	54.9	TEE
24	S-15	S-16	45' ELBOW
25	S-15	S-16	45' ELBOW
26	9.4	81.6	TEE
28	10.3	87.1	45' ELBOW
29	152.6	240.6	45' ELBOW
30	178.6	261.9	6" GATE VALVE
31	189.9	271.1	90' ELBOW
32	53.4	79.1	VALVE
33	74.9	16.4	6" GATE VALVE
34	80.1	11.2	6" GATE VALVE
35	85.4	54.75	2" GATE VALVE
36	16.6	50.2	6" GATE VALVE
37	14.2	53.1	6" GATE VALVE
38	11.3	84.2	6" GATE VALVE
39	98.0	165.0'	PLUG
40	86'	31.7'	45' ELBOW
41	81.9	52.9'	90' ELBOW
42	S-2	S-4	6" GATE VALVE
43	109.5'	55.2'	45' ELBOW
44	111.4'	58.5'	45' ELBOW
45	106.7'	51.6'	45' & 90' ELBOW
46	104.2'	33.7'	90' ELBOW

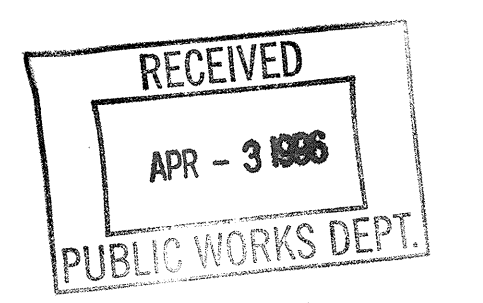
**WATER SYSTEM RECORD DRAWING LOCATIONS**

WITNESS MARKER	DISTANCE		DESCRIPTION
1	17.1	29.4	45' ELBOW
2	46.1	8.6	45' ELBOW
3	51.9	79.4	TEE
4	54.4	79.3	FIRE HYDRANT
5	72.7	16.7	TEE
6	S-1	S-3	45' ELBOW
7	100.5	49.7	45' ELBOW
8	80.8	12.0	TEE
9	78.9	27.9	45' ELBOW
10	108.5	50.9	45' ELBOW
11	12.4	35.0	45' ELBOW
12	34.9	40.2	45' ELBOW
13	85.7	55.8	TEE
14	92.9	128.4	TEE
15	93.4	128.7	6" GATE VALVE
16	135.3'	150.1'	45' ELBOW
17	75.1'	146.4'	ELBOW
18	97.4'	164.6'	22 1/2' ELBOW
19	97.4'	165.3'	FIRE HYDRANT

**SANITARY SEWER SYSTEM RECORD DRAWING LOCATIONS**

WITNESS MARKER	DISTANCE		DESCRIPTION
MANHOLE 1	81.9		MANHOLE 1 RIM EL.=7.60 INV.N. EL.=3.47 INV.S. EL.=3.52 INV.W. EL.=3.50
S-2	42.55		
S-4			
S-15	40.2		MANHOLE 2 RIM EL.=7.45 INV.N. EL.=4.66 INV.S. EL.=4.55
S-16	48.1		

REUSE OF DOCUMENTS  
THESE DOCUMENTS ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT TO WHICH THEY APPLY AND ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY BISHOP AND ASSOCIATES (B&A) FOR THE SPECIFIC PURPOSES INTENDED WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO B&A, AND USER SHALL INDEMNIFY AND HOLD HARMLESS B&A FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM. ANY SUCH VERIFICATION OR ADAPTATION WILL ENTITILE B&A TO FURTHER COMPENSATION AT RATES TO BE AGREED UPON BY USER AND B&A.



**BISHOP & ASSOCIATES**  
Consulting Engineers - Surveyors  
AN EMPLOYEE OWNED COMPANY  
78 SARASOTA CENTER BLVD. SARASOTA, FLORIDA 34240  
PHONE (813)-371-6362 • FAX (813)-378-3215

BY	DATE	O.C.	DATE	DESCRIPTION
PSN	10-8-93	PCP	10-8-93	REV. CURB TYPE FROM RIBBON TO "F" MOD.
SWS	1/7/94	TJD	1/7/94	REV. PROJECT NO., NAME, & OWNER; ADDED S-25
SMS	1/14/94	PCP	1/14/94	RELOCATE W.M. & FIRE HYD.; STRUC. S-1, S-5, & S-6
ONS	4/25/94	PCP	4/25/94	REV. WATERMAIN LOCATION
PSN	6-9-94	PCP	6-9-94	ADD WATERMAIN RECORD INFORMATION

CLIENT/TITLE: **THE WATER CLUB AT LONGBOAT KEY TISHMAN SPEYER PROPERTIES GENERAL DRAINAGE AND UTILITY PLAN**

DATE: 3/27/96

**RECORD DRAWING**

PROJECT NO: TSP-01  
SHEET NO: 4