
BEACH MANAGEMENT PLAN

CITY OF FOLLY BEACH

SOUTH CAROLINA

Prepared By

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79 ANSON STREET

CHARLESTON, SOUTH CAROLINA 29401

June 30, 1991

TABLE OF CONTENTS

- 1.0 Physical Description
 - 1.1 General
 - literal description
 - graphic description
 - 1.2 Beach Use
 - 1.3 Coastal Processes
 - historical erosion rates
 - beach profiles
 - storms/hurricanes
 - inlet dynamics
 - littoral transport
 - sediment budget
 - erosion losses
 - shoreline changes
- 2.0 Beach Inventory
 - 2.1 Setback lines
 - 2.2 Structures
 - structure inventory
 - erosion control inventory
 - analysis
 - 2.3 Beach Access and Parking
 - beach access inventory
 - parking inventory
 - analysis
 - beach access plan
 - 2.4 Land Use and Zoning
 - 2.5 Drainage
 - 2.6 Endangered Species and Critical Habitat
 - habitat areas
 - protection plan
 - 2.7 Beach Erosion Control Plan
- 3.0 Forty-Year Retreat Strategy
- 4.0 Post Disaster Plan
- Appendix A Beach Profile Inventory and Historic Erosion Rate Data
- Appendix B Lighting Ordinance
- Appendix C Overlay Series #1
- Appendix D Overlay Series #2

1.0 PHYSICAL DESCRIPTION

1.1 General

Folly Beach is located approximately two miles south of the entrance to Charleston Harbor. The island runs in an approximate northeast/southwest direction. It is bordered on the northeast by Lighthouse Inlet and on the southwest by Stono River Inlet as shown in Figure 1. Folly Beach is the closest and most publicly accessible beach for the Tri-County area of Berkeley, Dorchester and Charleston Counties. Folly Beach and Kiawah Island lie south of the Harbor Entrance while Sullivan's Island and Isle of palms are north of the Harbor. Lighthouse Inlet is small but has been continuous over charted history (approximately 120 years). Stono River Inlet is much larger and feeds a large estuarine complex. The ebb tidal shoals extend several miles offshore.

Charleston Harbor is a jettied entrance and has been maintained since the late 1878. Since the initiation of construction of the jetties there has been continual erosion at both Folly Beach and Morris Island which is located between Lighthouse Inlet and Charleston Harbor. South of Folly Beach, below the Stono Inlet, Kiawah has been accreting at least since the Charleston Harbor jetty project began.

Folly Beach is probably the most frequented public beach in Charleston County and between Myrtle Beach and Savannah. Its proximity to Charleston, access points and parking make it a desirable beach in spite of the continuing erosional problems.

Because of the continuing erosion of Folly Beach the South Carolina State Highway Department installed forty-eight (48)

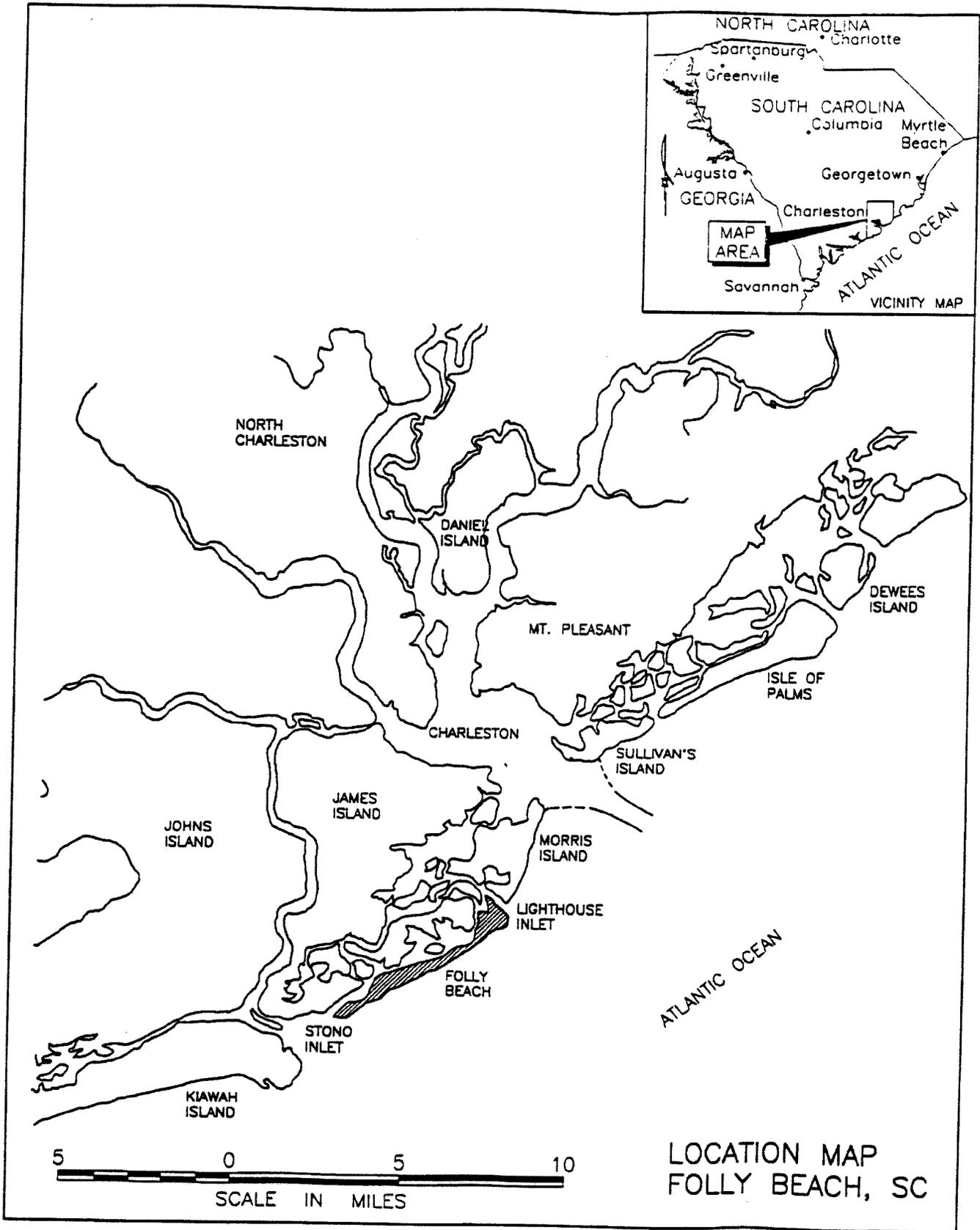


FIGURE 1. GENERAL LOCATION OF FOLLY BEACH

timber and rock groins along Folly Beach's coastline. Additionally the United States Coast Guard installed a groin/timber bulkhead structure at the northeast end of the island. All along the oceanfront seawalls and revetments have been constructed to combat the continuing erosion on Folly Beach. Currently nearly all of the island shoreline is armored which protects the upland structures in many cases; the beach, however, continues to disappear as a result of the interruption of the longshore transport by the Charleston Harbor jetties.

1.2 Beach Use

Folly Beach is approximately five and a half miles in length and is incorporated as the City of Folly Beach. The Island is predominantly residential with some commercial area located in the center of the Island. At the northeast end of Folly Beach a large tract of land is owned by the United States Coast Guard which has until recently been used as the site for a Loran Base. The Charleston County Folly Beach Park is located at the southwest end of Folly Beach and is well used according to recent records of the Parks and Recreation Commission. The Coast Guard Station and the County Park together with the area adjacent to the Holiday Inn represent the only major undeveloped portions of the oceanfront of Folly Beach.

1.3 Coastal Processes

Many reports and publications have been prepared concerning the coastal processes affecting Folly Beach and the interrelationship of those processes with the Charleston Harbor Navigation project. A thorough review of all literature available on Folly Beach will not be presented; however, the

serious reader is referred to the following references:

1. Black, "Improvement of Harbors on the South Atlantic Coasts of the United States" (1893).
2. Hubbard, Hayes and Brown, "Beach Erosion Trends Along South Carolina Coasts" (1977).
3. Langdon and Edge, "Historical Coastline Changes in the Vicinity of Charleston, SC" (1977).
4. Fitzgerald, Fico and Hayes, "Effects of the Charleston Harbor, SC Jetty Construction on Local Accretion and Erosion" (1979).
5. Coastal Engineering Research Center, USACOE, "Evaluation of the Impact of Charleston Harbor Jetties on Folly Island, SC" (1987).
6. Stapor and May, "Sediment Transport and Ebb Tidal Delta Development at Charleston Harbor Entrance, SC" (1987).
7. Jones, "Shoreline Assessment and Shoreline Management Alternatives for Folly Beach County Park" (1989).
8. Charleston District, USACOE, "General Design Memorandum: Folly Beach" (1991).
9. Edge & Dean, "Effects of Charleston Harbor Entrance on Folly Beach" (1991).

A detailed history of the storms and hurricanes which have affected Folly Beach are contained in the "Detailed Project Report", Charleston District, USACOE (1987). The Detailed Project Report documents all known storms except the most recent, Hurricane Hugo. The latter, while not necessarily the most energetic, caused significant damage of property and structures on Folly Beach. Although the beach recovered rapidly after the storm, rebuilding of damaged structures still continues through 1991.

It has been estimated by several sources (see for example Coastal Engineering Research Center, 1987) that the natural longshore transport is between 160,000 and 200,000 cy/yr in this

area of the State. Prior to completion of the jetties, the natural bar bypassing system carried material at this rate from Sullivan's Island to Folly Beach. Since the construction of the jetties however this natural transport has been interrupted and this can be equated to a loss of at least 16,000,000 cubic yards of sand from the nearshore system downdrift of the south jetty.

Moreover it can be shown through evaluation of bathymetric surveys documented by the Coastal Engineering Research Center that over 120,000,000 cubic yards of material have been lost from the shoals offshore of Folly Island and Morris Island which served to protect these islands, as a result of the construction of the jetties. Removal of these shoals has caused an increase of approximately 100% in the wave energy at the shoreline of Folly Beach. This is due to the disappearance of the offshore shoals which protected Folly Beach and Morris Island after the jetties were completed. These larger waves have contributed to the beach erosion and have made the upland structures more vulnerable to damaging effects from severe storms.

Analysis of all available data clearly establishes that the Charleston Harbor jetties and channel dredging project has had a severe effect on Morris Island and Folly Beach since construction was initiated in 1878. Available data, both bathymetric and topographic, indicate that Folly Beach has eroded at approximately 4.2 ft/yr. Until such time as the natural sand flow past Charleston Harbor entrance is reinstated the downdrift impact will continue to be a net erosion of Folly Beach.

Appendix A provides an inventory of the most recent beach profile data for Folly Beach. These data are updated annually by the South Carolina Coastal Council. From these data recent and limited erosion rate information can be obtained. Longterm shoreline movement data are given in the map series prepared by the NOS. These NOAA/COE cooperative shoreline movement study maps give shoreline positions from 1854 to 1983. Shoreline positions are given in Figure 2 for:

1854
1933
1955
1983

It can be seen that over the period 1854 - 1983 there has been erosion in excess of 1,500 ft at the southwest end of the Island and lesser amounts at other locations on the Island. Nevertheless the entire Island has eroded over the 130 year record.

2.0 BEACH INVENTORY

2.1 Setback Lines

At the present time there has been no setback line established for Folly Beach. The 1990 Beach Management Act continued the exemption for Folly Beach established in the 1988 Beachfront Management Act. According to the 1990 Beachfront Management Act, Section 48-39-280 which applies to the establishment of a baseline and setback lines does not apply to Folly Beach. However, the Act states that if a successful beach nourishment project is established at Folly Beach then all provisions of the Beach Management Act would apply. A successful project is defined in the Act as one consisting of at least 150

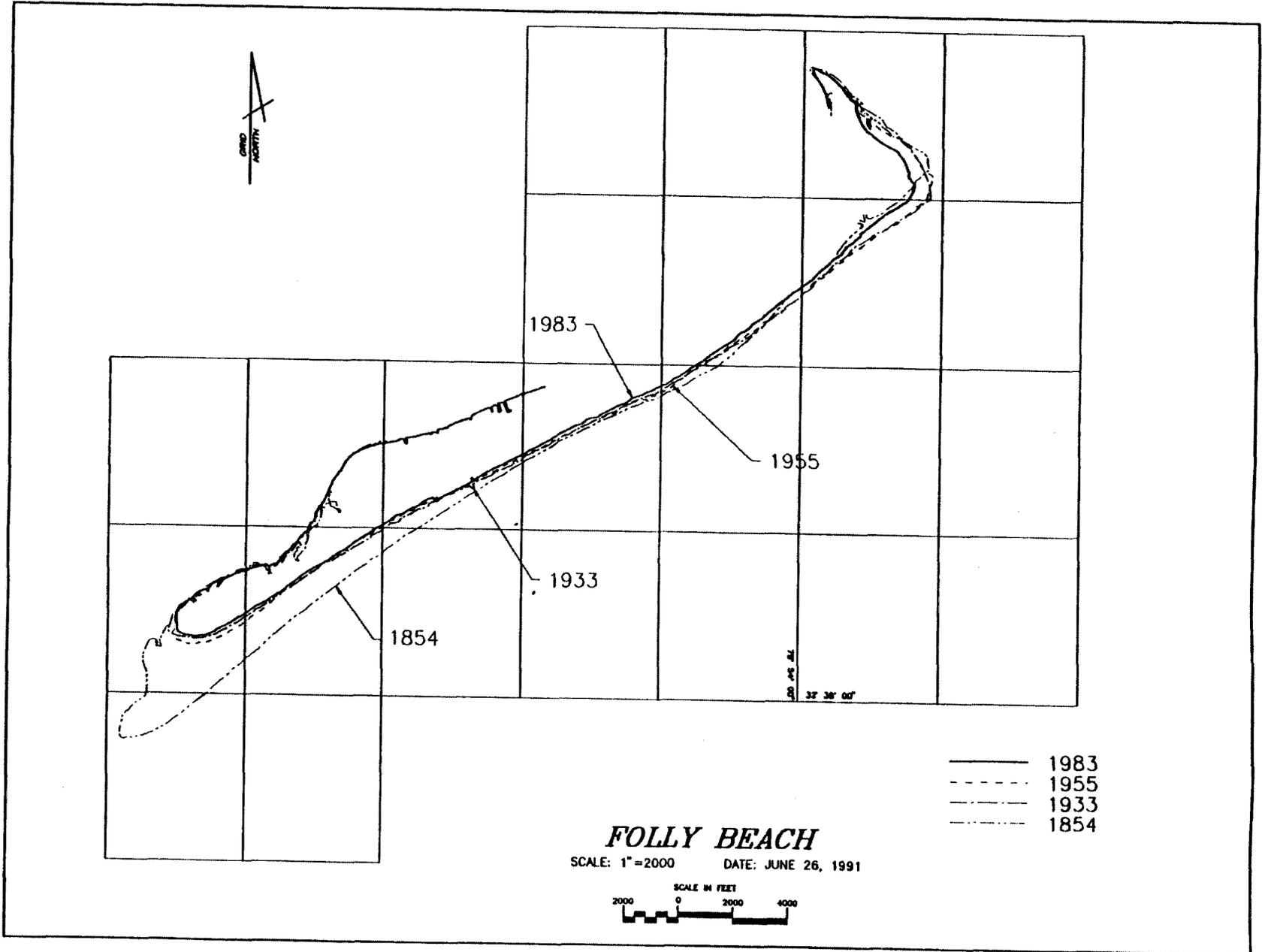


FIGURE 2. HISTORIC SHORELINE POSITIONS

cubic yards a foot over a length of five and a half miles with a project design capable of withstanding a one and ten year storm and with periodic annual renourishment at a rate which would occur naturally if the navigation project causing the erosion did not exist.

The Act further identifies that the baseline at Folly Beach is to be determined by the local governing body and the South Carolina Coastal Council. This baseline is the line of erosion control devices and structures seaward of which the Council retains its jurisdiction until such time as Folly Beach becomes governed by all sections of the Beach Management Act. The Coastal Council and City of Folly Beach have met on numerous occasions to develop a baseline for Folly Beach. The baseline is depicted in the accompanying overlay drawings, Sheets 127 - 141. There are three areas where the baseline has not yet been set.

A series of overlay drawings have been created in accordance with the requirements for the Beach Management Plan. On these drawings the baseline is shown as has been agreed tentatively between the City of Folly Beach and the South Carolina Coastal Council. The drawings are shown in Appendix C as Overlay Series #1, Sheets 127 through 141 and in Appendix D as Overlay Series #2, Sheet 127 through 141. Full size drawings are included as an attachment to this Beach Management Plan. The attached drawings will lay directly onto the Orthophoto maps prepared by the South Carolina Coastal Council.

Overlay Series #1 presents a structural inventory. Overlay Series #2 provides a beach access facilities inventory. Both

series show the baseline and the mean high water line as established by the Corps of Engineers in April 1989.

2.2 Structures

The Overlay Series #1 provides a depiction of all oceanfront lots as defined on the Charleston County Tax Maps and buildings in existence as of March 1991. The Atlantic House is also shown on Sheet 131, in its original configuration, since the Beach Front Management Act authorized its rebuilding.

Each property is labeled with a tax map number. For each property immediately landward of the baseline a street number is also provided. The currently adopted SCCC monuments are also noted on the overlays. The outlines of each building includes roofed areas as well as decked areas. It may appear some of the buildings are over the property lines. That is likely due to the distortion created in the aerial photograph of the building. When the buildings were digitized, a correction was not made to locate the building in the center of the lot; rather, the outline is intended to represent the location of the building as observed obliquely on the orthophotos.

These drawings further show the location of shoreline erosion control structures such as revetments, bulkheads and groins. The erosion control structures shown in Overlay Series #1 are taken primarily from the information provided by the Charleston District, USACOE, in a survey that was conducted April 1989 by Sur-Tech, Inc. That survey provides information on bulkheads and revetments that existed at the time of the survey. That information has been updated based upon more recent aerial

photography flown for the Charleston District, USACOE, in October, 1990, by Maptech, Inc., and site visits. It can be seen that the erosion control devices extend the full length of Folly Beach Island with only minor breaks between structures.

Table 2.1 presents a list of all habitable structures in accordance with the structural inventory classification proposed by the South Carolina Coastal Council. To date the table provides classification of all structures according to the following classes:

- A. habitable structure (less than 5,000 sq.ft. in area)
- B. habitable structure (greater than 5,000 sq.ft. in area)
- C. recreational amenities (pools, piers, etc.)
- D. parking lots
- E. ancillary buildings (gazebos, pool houses, garages, etc.)

In addition to the structural classification, the location of the structure from the baseline is also given. Positive values indicate the structure is landward of the baseline. The table also provides a total for all structures defined above. According to the requirements of the Coastal Council the size estimate of a structure is based upon the area of all porches, decks, patios and attached garages as well as living area and parking areas under buildings. The size of each building was established based upon the aerial photograph and the number of stories determined by visual inspection. Therefore, the table can only be considered an estimate of the number of buildings greater than 5,000 sq.ft. and those less than 5,000 sq.ft.

Table 2.2 is a listing of all properties on which erosion control devices are located. The inventory is broken into the following categories.

BF functional seawalls
BU nonfunctional seawalls
RF functional revetments
RU nonfunctional revetments
G groins/jetties
BR revetments fronting seawalls

Table 2.2 also presents a total of all erosion control structures for Folly Beach.

2.3 Beach Access and Parking

Overlay Series #2 provides a beach access facilities inventory for all of Folly Beach. In addition to beach access at the end of every street on Folly Beach there is an access with 10 ft. width between each block. Thus, throughout most of the Island there is an access every 350 ft. Each beach access is numbered beginning with No. 1 at Folly Beach County Park and continuing through No. 57 at the northeast end adjacent to the Coast Guard entrance. This equates to approximately one access per 510 ft. or one access every 1/10 mile over the length of the entire Island.

For each beach access there is a related parking area. Throughout Folly Beach on-street parking is allowed; therefore, the parking areas as shown in Overlay Series #2 are generally confined to streets and occasionally off-street parking for a specific access point. The parking areas are numbered from No. 1 to No. 59 as shown on the Overlay Series #2. All parking is coded according to the following:

1. On-street parking
2. Off-street private parking lots
3. Off-street public parking lots
4. Beach transient lots

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FEET FROM BASELINE
<i>325-00-00</i>	1	1100	B(2),E(4)	2984	26
<i>325-15-00</i>	51	1031	B	3916	50
	50	1029			
	58	1027			
	62	1025			
	14	1017	A	5520	76
	29	1011			
	32	1009	B	3266	100
	33	1007	B	4902	89
	34	1005	B	4976	73
	15	1003	B	3584	78
	16	1001	A	5080	72
	17	919	B	3404	52
	18	917	B	3128	65
	19	915	B	3204	54
	20	913	A	5050	42
	21	911	B	2339	50
	22	909	B	1902	43
	59	907			
	60	905			
	23	903	B	4682	65
	35	901	B	1588	112
<i>325-16-00</i>	24	819	B	3462	42
	80	817	B	3796	41
	25	815	B	3466	38
	26	813	B	1934	44
	27	811	B	1102	90
	28	809	B	1518	78
	29	807	B	4228	43
	30	805	B	4368	32
	31	801	B	2008	42
	32	725	B	1232	60
	33	721	B	1530	41
	34	719	B	3040	93
	35	717	B	4250	80
	36	715	B	761	82
	37	713	B	1640	42
	38	711	B	4636	98
	39	709	B	2202	118
	40	707			
	41	703			
	42	701	B	1352	100
<i>328-13-00</i>	46	623			

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS (CONT'D)

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FEET FROM BASELINE
	47	621	B	1437	82
	48	619			
	49	617	B	2358	43
	50	615	B	1906	41
	51	613			
	52	611			
	53	609	B	3626	42
	54	607	B	1928	51
	55	605	B	2477	43
	56	601	B	1286	31
	57	521			
	58	519	B	1472	20
	59	517	B	2482	79
	60	515	B	1446	52
	61	513	B	1063	81
	62	511	B	4790	39
	63	509	B	3846	26
	64	507	B	4606	78
	65	505	B	1415	47
	66	503	B	2072	50
	67	501	A	5956	11
	68	421	B	2101	51
	69	419	B	859	92
	70	415	B	2975	28
	71	413	A	6806	72
	72	409	B	1384	98
	73	407	B	250	100
	73a	407	B	250	100
	74	405	B	1801	30
	75	403	B	1366	84
	76	401	B	2026	91
	77	323			
	78	321	B	2732	47
	79	319	B	790	48
	80	317			
	81	315			
	82	313			
	129	311	B	525	122
	83	309			N/A
	84	305			
	85	303			
	86	301			
328-14-00	149	220	B	2103	112
	150	218	B	4800	118

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS (CONT'D)

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FEET FROM BASELINE
	151	216	B	4224	98
	152	214			
	153	212			
	3	111			
	4	113			
	5	115	B	2626	100
	6	117			
	7	119			
	8	121			
	9	201	B	1534	85
	10	203	B	3550	85
	11	205	A	8186	44
	12	207	B	2148	65
	13	209	B	649	74
	14	211	B	986	N/A
	15	213			
	16	215			
	17	217			
	18	219			
	19	221			
	20	223			
	21	225	B	951	28
328-15-00	1	301			
	2	303			
	3	305			
	4	307	B	2544	49
	5	309	B	1747	59
	6	311	B	2018	45
	7	313	B	1670	53
	8	315	B	2984	50
	9	317	B	4552	31
	10	319	B	1726	61
	11	401	B	1198	62
	12	403	B	1336	24
	13	405			
	14	407			
	15	409	B	2090	35
	16	411			
	17	413	B	3362	37
	18	415	B	794	50
	19	417	B	2045	53
	20	419	B	1709	65
	21	501			
	22	503	B	1209	21

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS (CONT'D)

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FEET FROM BASELINE
		23			505
		24			507
		25			509
	25a				511
		26	B	3466	31
		27	B	1961	35
		28	B	4090	17
		29			519
		30	B	1677	24
		31	B	1313	40
		32	B	2290	38
		33	B	4746	21
		34	B	4464	11
		35	B	1989	29
		36			609
		37	B	968	35
		38	B	2410	31
		39			615
	39a				617
	39b				619
		41	B	886	52
328-16-00		1	B	2762	16
		2	B	1231	52
		3	B	1440	45
		4	B	1246	55
		5			709
		6	B	1857	48
		7	B	4932	28
		8	B	1212	72
		9	B	1711	86
		10			719
		11	B	1192	83
		12	A	6938	20
		13	A	6054	50
		14	B	3318	69
		15	B	2398	112
		16	A	6112	83
	189		A	11667	78
		17	B	2038	78
		18	B	1518	80
	18a		B	442	118
		19	B	3906	60
		20	B	835	90
	20a				905

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS (CONT'D)

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FEET FROM BASELINE
	21	907			
	22	909	B	2536	85
	23	911	B	4200	67
	24	913	B	4318	42
	25	915	A	7776	51
	26	917	B	2835	57
	27	919	B	3380	87
	28	921	B	1831	61
	29	1001	B	2022	60
	30	1003	B	4972	42
	31	1005	A	5346	85
	32	1007			
	33	1009	B	1644	23
	34	1011	B	3838	34
	35	1013			
	36	1015			
	37	1017	A	5985	22
	38	1019	B	3108	50
	209	1021	B	2326	54
439-13-00	1	1101			
	2	1103	B	2778	38
	3	1105	A	7314	49
	4	1107	B	2942	75
	5	1109	B	1896	106
	5a	1109	B	2392	47
	6	1111	B	2800	90
	7	1113	B	1752	82
	8	1115	B	726	97
	9	1119	B	2138	82
	10	1121	B	2962	69
	11	1123	B	3294	68
	12	1201	B	2974	59
	13	1203	B	2018	57
	14	1205	B	2220	39
	15	1207	B	2536	24
	16	1209	B	3880	19
	17	1211	B	2192	28
	18	1213	B	1256	27
	19	1215	B	1205	28
52	1217				
	51	1219	A	5924	148
	50	1301	B	2218	135
	49	1303	A	8082	92
	48	1305	B	2230	112

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS (CONT'D)

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FET FROM BASELINE
	47	1307	B	798	109
	46	1309	A	5260	95
	45	1311	B	4148	98
	44	1313	A	5691	101
	43	1315	B	2976	99
	42	1317	B	1040	99
	41	1319	B	3866	68
	40	1401	B,E	2156	87
	39	1403	B	3586	59
	38	1405			
	37	1407	B	1547	32
	36	1409			
439-14-00	16	1411			
	17	1413			
	18	1415			
	19	1417			
	20				
	21				
	22				
	23				
	24	1531			
	25	1533			
	26	1535			
	27	1537			
	28	1541			
	29	1545			
	30	1547			
	31	1549			
	32	1551			
	33	1553			
	34	1555			
	35	1557			
	36	1561			
	37	1563			
	38	1565			
	39	1567			
	40	1569	B	1535	11
	41	1571			
	42	1573			
	43	1575	B	3124	22
	44	1577			
	45	1579			
	46	1581	B	3644	17
	47	1583	B	1530	22

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS (CONT'D)

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FEET FROM BASELINE	
439-15-00	2	1587	B	1160	55	
	3	1589	B	3606	39	
	4	1591	B	1930	25	
	5	1593	B	1134	71	
	6	1595	B	3704	63	
	7	1597				
	8	1601				
	9	1603				
	10	1605	B	3606	89	
	11	1607	B	1899	68	
	13	1611	B	3044	69	
	15	1615				
	16	1617	B	2096	70	
	17	1619	B	1768	78	
	18	1621				
	19	1623	B	2676	78	
	20	1625	B	1359	78	
	21	1627	B	1297	53	
	22	1629	B	1842	62	
	23	1631				
	24	1633				
	25	1635	B	2072	61	
	26	1639	A	6447	38	
	27	1641				
	92	1643	B	1434	49	
	28	1645	B	3850	45	
	29	1647	B	2656	62	
	30	1649			82	
	31	1651	B	2748	58	
	32	1653	B	1667	67	
	33	1655	B	1014	64	
	34	1657			80	
	35	1659	B	1318	64	
	36	1661	B	946	109	
	37	1663	B	3674	112	
	38	1665	B	1288	55	
	39	1667				
	40	1669				
	41					
	439-16-00	34	1673	B	1308	78
		35	1675	B	1472	73
36		1677	B	1713	118	
37		1679	A	8727	84	
38		1681	B	3538	119	

TABLE 2.1 STRUCTURAL INVENTORY OF BUILDINGS (CONT'D)

TMS NO.	PARCEL NO.	STREET NO.	STRUCTURE CATEGORY	TOTAL AREA	FEET FROM BASELINE
	39	1683	B	3420	71
	40	1685	B	867	92
	41	1687	B	2836	70
	42	1689	B	1585	108
	43	1691	B	1423	60
	44	1692	B	3728	62
	45	1695	B	3736	41
	46	1697	B	3290	21
	47	1699	B	2414	58
	48	1701	B	4605	50
	49	1703	B	2420	52
	50	1705	B	870	46
	51	1707	B	1887	44
	52	1709	B	1130	47
	53	1711	B	961	51
	54	1713	B	1701	48
	55	1715	B	2122	74
	56	1717	B	1325	48
	57	1719	B	2106	33
	58	1721	B	1675	59
	59	1723	B	997	73
	99	1727	B	2660	91
	96	1731	B	1395	68
	97	1733	B	1968	62
	91	1737	B	3438	59

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCTURES

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES
325-00-	1	1100	
325-15-	51	1031	
	50	1029	RU
	58	1027	RU
	62	1025	RF
	14	1017	
	29	1011	RU
	32	1009	RF
	33	1007	RU
	34	1005	RF
	15	1003	RF
	16	1001	RF
	17	919	RF
	18	917	RF
	19	915	RF
	20	913	RF
	21	911	RF
	22	909	RF
	59	907	RF
	60	905	RF
	23	903	RF
	35	901	RF
325-16-	24	819	RF
	80	817	RF
	25	815	RF
	26	813	RF
	27	811	RF
	28	809	RF
	29	807	RF
	30	805	RF
	31	801	RF
	32	725	RF
	33	721	RF
	34	719	RF
	35	717	RF
	36	715	RF
	37	713	RF
	38	711	
	39	709	
	40	707	RF
	41	703	RF
	42	701	RF
328-13-	46	623	RF

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCT (CONTD)

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES
	47	621	RU
	48	619	RU
	49	617	RF
	50	615	RU
	51	613	RU
	52	611	RF
	53	609	RF
	54	607	RF
	55	605	RF
	56	601	RF
	57	521	RF
	58	519	RF
	59	517	RF
	60	515	RF
	61	513	RF
	62	511	RF
	63	509	RF
	64	507	RF
	65	505	RF
	66	503	RF
	67	501	RF
	68	421	RU
	69	419	RF
	70	415	RF
	71	413	RF
	72	409	RF
	73	407	RU
	73a	407	RU
	74	405	RU
	75	403	RF
	76	401	RF
	77	323	RF
	78	321	RF
	79	319	RF
	80	317	RF
	81	315	RF
	82	313	RF
	129	311	RF
	83	309	RF
	84	305	RF
	85	303	RF
	86	301	RF
328-14-	149	220	RF
	150	218	RF

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCT (CONTD)

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES
	151	216	RF
	152	214	RF
	153	212	RF
	3	111	RF
	4	113	RF
	5	115	RF
	6	117	RF
	7	119	BRF
	8	121	BRF
	9	201	RF
	10	203	RF
	11	205	RF
	12	207	RF
	13	209	RF
	14	211	RF
	15	213	
	16	215	
	17	217	RF
	18	219	RU
	19	221	RU
	20	223	RU
	21	225	RU
328-15-	1	301	RU
	2	303	
	3	305	RF
	4	307	RF
	5	309	RF
	6	311	BRF
	7	313	BRF
	8	315	RF
	9	317	BRF
	10	319	RF
	11	401	BRF
	12	403	RF
	13	405	RF
	14	407	RF
	15	409	RF
	16	411	
	17	413	BRF
	18	415	RF
	19	417	RF
	20	419	BRF
	21	501	RF
	22	503	BRF

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCT (CONTD)

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES
	23	505	RF
	24	507	
	25	509	BRF
25a		511	BRF
	26	513	BRF
	27	515	BRF
	28	517	BRF
	29	519	BF
	30	521	BF
	31	523	BF
	32	601	RF
	33	603	BRF
	34	605	RF
	35	607	RF
	36	609	RF
	37	611	RF
	38	613	RF
	39	615	RF
39a		617	RF
39b		619	RF
	41	621	RF
328-16-	1	701	RF
	2	703	RF
	3	705	RF
	4	707	
	5	709	
	6	711	RF
	7	713	RF
	8	715	RF
	9	717	RF
	10	719	RF
	11	801	RF
	12	803	RF
	13	805	RF
	14	807	RF
	15	809	
	16	811	
	189	815	RU
	17	817	
	18	819	
18a		819	
	19	901	
	20	903	
20a		905	

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCT (CONTD)

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES
	21	907	
	22	909	
	23	911	BF
	24	913	BF
	25	915	BR
	26	917	RF
	27	919	RF
	28	921	RF
	29	1001	RF
	30	1003	RF
	31	1005	RF
	32	1007	RF
	33	1009	RF
	34	1011	RF
	35	1013	RF
	36	1015	RF
	37	1017	RF
	38	1019	BRF
	209	1021	RF
439-13-	1	1101	BRF
	2	1103	RF
	3	1105	RF
	4	1107	
	5	1109	
5a		1109	
	6	1111	
	7	1113	
	8	1115	
	9	1119	
	10	1121	
	11	1123	
	12	1201	
	13	1203	
	14	1205	
	15	1207	
	16	1209	RF
	17	1211	RF
	18	1213	
	19	1215	
	52	1217	
	51	1219	
	50	1301	
	49	1303	
	48	1305	

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCT (CONTD)

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES
	47	1307	
	46	1309	RF
	45	1311	RF
	44	1313	RF
	43	1315	RF
	42	1317	RF
	41	1319	RF
	40	1401	RF
	39	1403	RU
	38	1405	RU
	37	1407	BRF
	36	1409	RF
439-14-	16	1411	RF
	17	1413	RF
	18	1415	RF
	19	1417	RF
	20		RF
	21		RF
	22		RF
	23		
	24	1531	
	25	1533	
	26	1535	
	27	1537	
	28	1541	
	29	1545	
	30	1547	
	31	1549	
	32	1551	
	33	1553	
	34	1555	
	35	1557	
	36	1561	BRF
	37	1563	RF
	38	1565	RF
	39	1567	RF
	40	1569	RF
	41	1571	RF
	42	1573	RF
	43	1575	RF
	44	1577	BRF
	45	1579	RU
	46	1581	RF
	47	1583	RU

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCT (CONTD)

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES	
439-15-	2	1587	RU	
	3	1589	RU	
	4	1591	RF	
	5	1593	RF	
	6	1595	RF	
	7	1597	RF	
	8	1601	RF	
	9	1603	RF	
	10	1605	RF	
	11	1607	BRF	
	13	1611	RU	
	15	1615	RF	
	16	1617		
	17	1619		
	18	1621		
	19	1623		
	20	1625		
	21	1627		
	22	1629	RF	
	23	1631	RF	
	24	1633	RF	
	25	1635		
	26	1639		
	27	1641		
	92	1643		
	28	1645		
	29	1647		
	30	1649		
	31	1651		
	32	1653		
	33	1655		
	34	1657		
	35	1659	R	
	36	1661		
	37	1663		
	38	1665		
	39	1667		
	40	1669		
	41			
	439-16-	34	1673	
		35	1675	
36		1677		
37		1679		
38		1681		

TABLE 2.2 INVENTORY OF EROSION CONTROL STRUCT (CONTD)

TMS NO.	PARCEL NO.	STREET NO.	CATEGORY OF STRUCTURES
	39	1683	RU
	40	1685	RU
	41	1687	RU
	42	1689	RU
	43	1691	RU
	44	1692	RU
	45	1695	RU
	46	1697	RU
	47	1699	RU
	48	1701	
	49	1703	RU
	50	1705	RU
	51	1707	
	52	1709	
	53	1711	
	54	1713	
	55	1715	
	56	1717	
	57	1719	
	58	1721	
	59	1723	
	99	1727	
	96	1731	
	97	1733	
	91	1737	

Table 2.3 provides a list of all parking areas with an estimate of the number of spaces at each site and the classification as identified above. The parking areas identified are limited to spaces that would be less than a walking distance of 500 ft. from the most landward point of access. Although there may be more parking than indicated on the overlay only that parking within the specified limit was is presented in Table 2.3. It should also be noted that during the summer season parking is only allowed on one side of Ashley Avenue West (west of Center Street). Limited parking is required to allow emergency vehicles access to Charleston County Park. During the winter season, from after Labor Day until Memorial Day, parking is allowed on both sides of the street. The number of spaces reflected in Table 2.3 are for summer conditions with limited parking.

Generally, beach access on Folly Beach is associated with a walkover. Since Hurricane Hugo, reconstruction is continuing to replace those walkovers which were destroyed or damaged during the hurricane. Each of the access points is easily identified and is heavily used throughout the summer. There are a total of 3 handicapped beach access points. Only three access points have restroom facilities. These are located within Folly Beach County Park.

It should also be noted that parking areas No. 58 and No. 59 are private. The continued use of parking at area No. 59 will be contingent upon the future of the The Atlantic House restaurant. Parking in area No. 58 is primarily for use of the patrons of the Holiday Inn. There is, however, additional parking across Arctic

TABLE 2.3 INVENTORY OF PARKING AREAS

AREA DESIGNATION	NUMBER OF SPACES
1	242
2	164
3	98
4	30
5	15
6	57
7	15
8	30
9	15
10	15
11	15
12	66
13	15
14	71
15	15
16	89
17	16
18	80
19	51
20	40
21	50
22	117
23	30
24	99
25	30
26	99
27	30
28	99
29	30
30	99
31	30
32	99
33	30
34	99
35	30
36	99
37	30
38	99
39	30
40	98
41	30
42	96
43	18
44	64

TABLE 2.3 INVENTORY OF PARKING AREAS (CONT'D)

AREA DESIGNATION	NUMBER OF SPACES
45	30
46	30
47	30
48	30
49	30
50	28
51	38
52	52
53	62
54	76
55	68
56	58
57	67
58	155 PRIVATE
59	34 PRIVATE
TOTAL	3462

Avenue from the Holiday Inn on undeveloped property which is not included in Table 2.3. Access for parking area No. 20 to the beach is through the parking lot No. 58 of the Holiday Inn.

2.4 Land Use and Zoning

On Overlay Series #2 an identification of zoning is shown. Sheets 127 through 130 and Sheets 133 through 141 are all zoned R-1 which is residential. Sheets 131 and 132 show the commercial zoning for Districts C-1 and C-2. As noted previously Folly Beach is predominantly residential in character and is committed to continue with a predominate residential character.

2.5 Drainage

There are no areas where drainage is channeled to the beach front. Since Folly Beach is dominantly drained to the Folly River no overlay was prepared to identify any specific drainage problems. It is not expected that there would be any change in the drainage configuration on Folly Beach that would promote drainage to the beach as opposed to the current pathways.

2.6 Endangered Species and Critical Habitat

The only endangered species which is known to frequent Folly Beach is the Loggerhead turtle. It is possible that other turtles, Kemps Ridley, , Leatherback or Hawks Bill, may also visit the area but much less frequently than the Loggerhead. There are not any identified or mapped critical habitat areas on Folly Beach. The areas of noted nesting are identified on Overlay Series #2. These areas are primarily at the Folly Beach County Park and at the Coast Guard facility. With the proposed beach nourishment project it is likely that the extent of nesting could become much more pervasive.

The protection plan for the endangered turtles include adoption of a beachfront lighting ordinance, a leash law restricting roaming pets on the beach during critical periods of the year, regulation of vehicular traffic on the beach and regulation of other construction and related activities which could interfere with nesting during the critical season of the year.

The proposed Beachfront Lighting Ordinance is included as Appendix B. To further the protection of the endangered species and the critical habitats for these species the City of Folly Beach is committed to continue working with the appropriate State and Federal agencies for this purpose. Through its existing regulations and the proposed Beach Lighting Ordinance and educational programs and regulation of activities affecting protected species and habitats, the City will afford the maximum protection for these protected species and their habitats.

The City is working with the Corps of Engineers to accomplish the proposed Beach Nourishment Project at such time and in such a manner that it will not further endanger the protected species and their habitats. It is planned at the present time that the nourishment project will be constructed between November 1 and May 15. It is expected that subsequent renourishment efforts would take place during the same winter season.

2.7 Beach Erosion Control Plan

As referenced in Section 1.1, one of the primary reasons for the erosion of Folly Beach is the construction of the navigation

project at Charleston Harbor. This was further substantiated in the work by the Coastal Engineering Research Center (1987) in their preparation of the Section 111 Study. The Corps of Engineers, through their previous feasibility reports and studies together with the recent Section 111 Study by the Coastal Engineering Research Center, has produced a plan for a Federal Beach Nourishment Project at Folly Beach. The beach nourishment plan provides for nourishment of 28,200 linear feet of shoreline. A berm would be constructed along the shoreline with a top width of 15 ft. and an elevation of 9.0 ft. NGVD. The length of this project extends from just below the US Coast Guard Base to the Charleston County Park. Within this 5.3 miles of shoreline 2.5 million cubic yards of beach quality material will be placed during the initial construction effort. The recommended project is shown in Figure 3.

Periodic nourishment is estimated to require 1.7 million cubic yards of material every eight years. The actual construction effort would be done between a 5 and 10-year period depending upon the rate of loss of material. Actual quantities will be determined based on a monitoring program which will be implemented immediately following the initial construction. As is generally the case with Federal projects overfill will be applied during the initial construction to accommodate initial losses of material from that which is dredged from the borrow site as well as an initial eight years of advanced nourishment. This equates to approximately 149.0 cubic yards per foot of shorefront. The Corps of Engineers also proposes that the nine

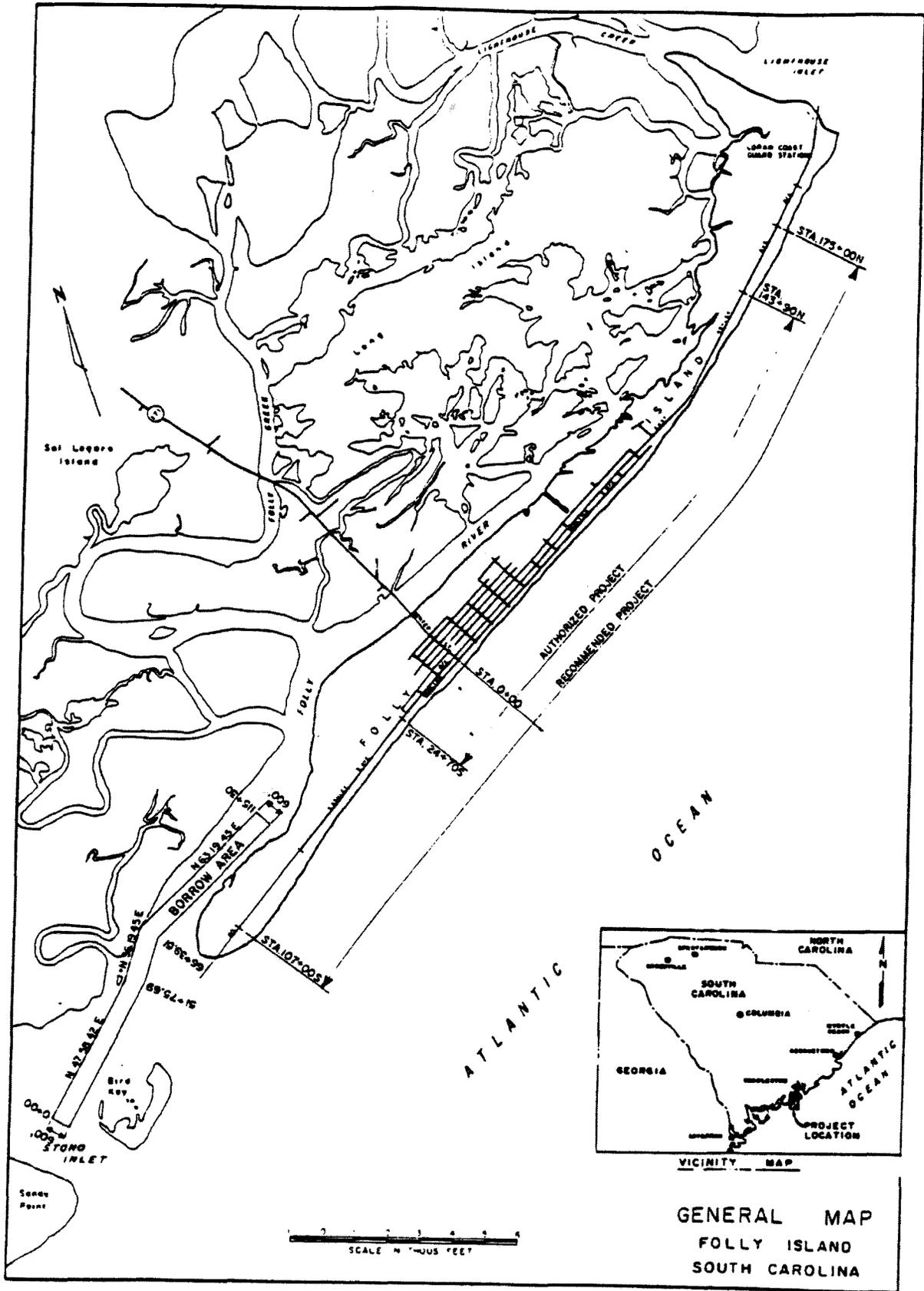


FIGURE 3. PROPOSED FEDERAL PROJECT
 City of Folly Beach

groins immediately north of the Holiday Inn (Center Street) be rehabilitated as a part of the nourishment project. None of the other groins would be affected by the Federal project however it is expected that no efforts will be made to remove the groins until the Beach Nourishment Project has stabilized. Moreover the groins at the northeast end on the Coast Guard property will probably remain in place since they are more directly aligned with the dynamic activities of Lighthouse Inlet.

In support of the Federal Beach Nourishment Project the City of Folly Beach has passed a resolution authorizing the expenditure of up to \$100,000 annually to contribute to the local sponsor's share for the ongoing renourishment efforts approximately every eight years. The City of Folly Beach is committed to this beach erosion control plan as evidenced by the resolution to expend \$100,000 annually for continual maintenance.

3.0 FORTY YEAR RETREAT STRATEGY

The South Carolina General Assembly adopted a 40-Year Retreat Policy in the passage of the Beach Management Act. The 40-year Retreat Policy as defined in Section 48-39-280 must be implemented by defining a baseline along standard erosion zones and inlet erosion zones and measuring back from the baseline a distance equal to 40 times the annual erosion rate. The erosion rate is to be determined as an average over the previous 40 years or comparable period of time. However, the 1990 Beachfront Management Act Section 48-39-290(E) states that the provisions of Section 48-39-280 do not apply to an area in which the erosion of the beaches is attributed to a federally authorized navigation

project as documented by the findings of the Section 111 Study. Thus, Folly Beach is not presently required to come under the requirements of a 40-year retreat policy.

The proposed Beach Nourishment Project at Folly Beach, when constructed, will essentially provide a stable shoreline. The planned renourishment at approximately 8-year intervals will create a no net loss of beachfront. Although the mean high water line will move seaward the creation of the baseline and the "hold line" will prevent any construction from taking place seaward of those lines; therefore, all future construction will be landward of where the shoreline can be expected to be over the 50-year life of the nourishment project.

To insure that the shoreline is stably maintained a detailed monitoring plan will be developed by the Corps of Engineers in conjunction with the Local Sponsor (Charleston County). This monitoring together with the profile data furnished by the Coastal Council will identify corrective actions that may be required to maintain the beach at the design restoration condition.

As a part of the review of the Beach Management Plan, on a 5-year basis, the 40-year retreat strategy will be reconsidered. If there develops a situation where construction of the Beach Nourishment Project cannot continue in terms of renourishment and the previous erosion at Folly Beach begins to continue unabated then there will be a basis for reconsideration of the 40-year retreat strategy.

4.0 POST DISASTER PLAN

The City of Folly Beach incorporates the post disaster procedures of Charleston County Emergency operations Plan as stated in the most recent edition of the plan. The County Plan as stated is intended to maximize the most effective utilization of all resources in the County, minimize the loss of life and injury and protect and conserve the resources of Charleston County. This plan is also coordinated with the South Carolina Comprehensive Emergency Preparedness Plan and it sets forth the specific delegation of responsibility of municipal agencies in Charleston County.

The City of Folly Beach is obligated by the Charleston County Plan to apply all available local resources to its own needs before requesting assistance from the County and subsequently State and Federal resources. When resources from outside are provided, the City provides local coordination and assistance for those resources but does not provide control over those resources.

During the Post Disaster recovery period the City of Folly Beach including all units of government, public services, industries, the office of emergency preparedness and other organizations will undertake emergency operations in the following order:

- restore law and order
- administer to the sick and injured.
- protect public health
- repair damages to utilities
- repair damages to public facilities
- resettle homeless and displaced individuals
- coordinate repair to private facilities
- approve reconstruction of jurisdictional property

Responsibility for execution of disaster and post disaster operations resides with the Mayor of Folly Beach. The Mayor shall decide when to allow evacuees to return to the Island. He shall select and coordinate the activities of all clean-up operations and disposal of debris at preapproved temporary storage sites.

The Mayor of Folly Beach shall be responsible for notification of the South Carolina Coastal Council and any other jurisdictional body of a state of emergency when it is declared. The City Administrator will continue coordination with each appropriate jurisdictional agency. The Mayor shall also be responsible for notifying and requesting assistance for repair of damaged infrastructure from the respective State, County and public service agencies.

It is the Policy of the City that road washout areas are to be repaired and protected. Likewise it is the Policy of the City that water, sewer when available, and electricity be repaired and protected to insure rapid revitalization of the community.

Post disaster building inspection will be conducted by the City's Building Inspector with additional assistance as may be required. Post disaster rebuilding permits will be issued by the Building Inspector who will also inspect all repairs. If the South Carolina Coastal Council determines that certain habitable structures or erosion control structures are not eligible for repair or reconstruction in accordance with the requirements of the Beach Management Act then the City shall not issue a permit for such construction. Removal of structures subject to the

Beach Management Act shall be coordinated with the South Carolina Coastal Council by the Mayor of Folly Beach.

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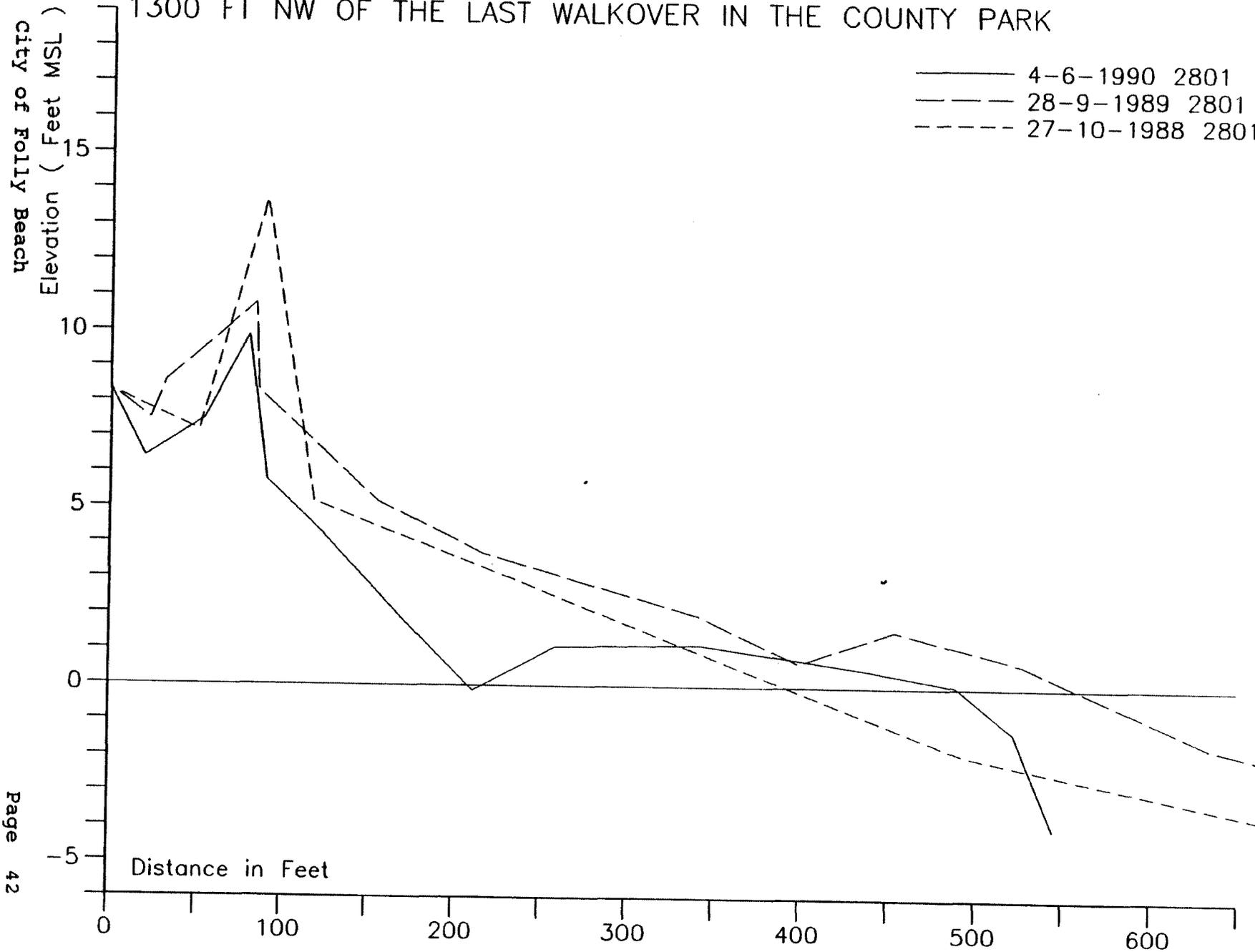
USACOE (1988) "Folly Beach, South Carolina, Special PED Report to Re-evaluate Federal Justification for Storm Damage Reduction," Charleston District, U.S. Army Corps of Engineers.

APPENDIX A

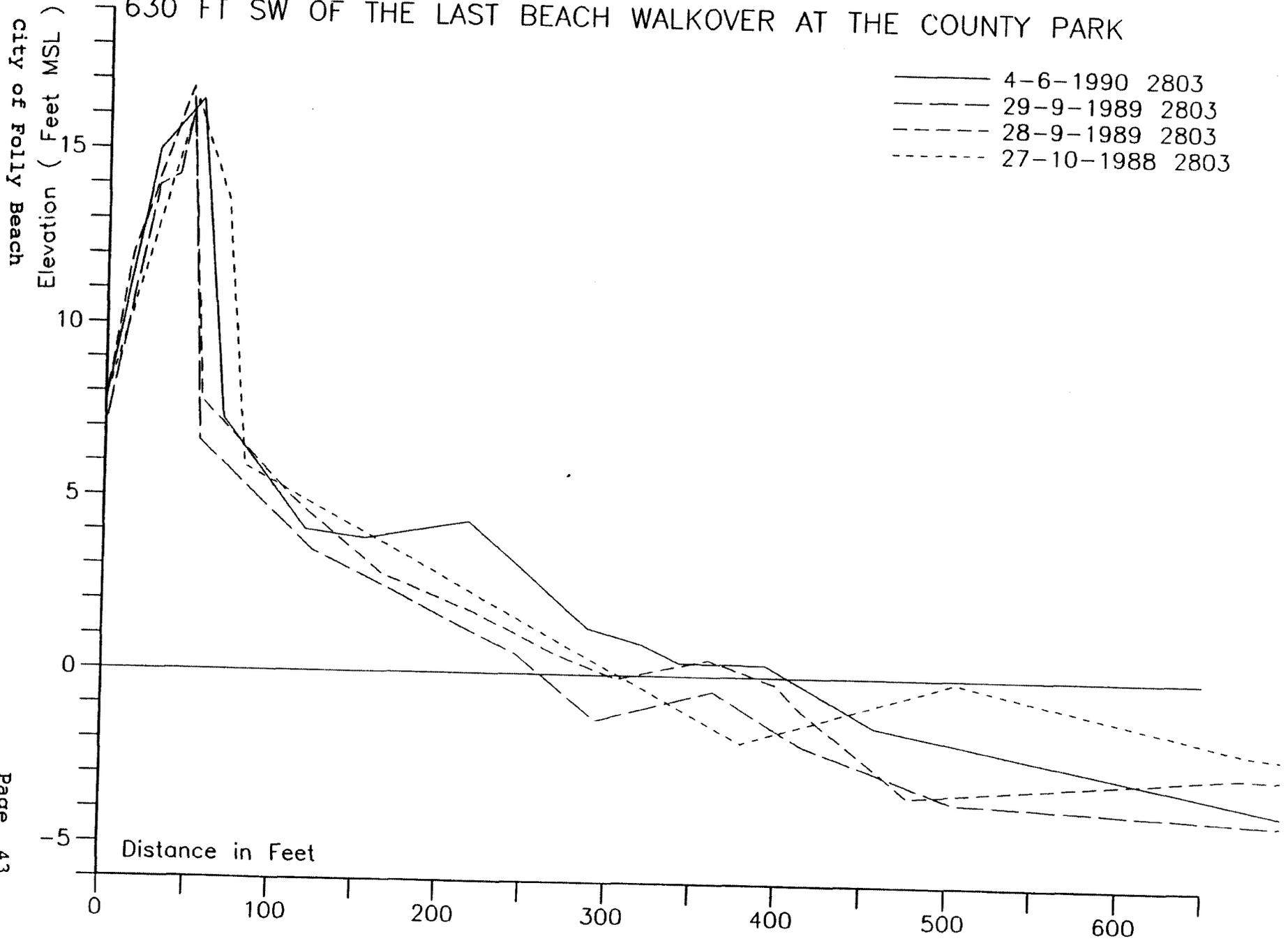
BEACH PROFILE INVENTORY AND HISTORIC EROSION RATE DATA

2801 Folly Beach
1300 FT NW OF THE LAST WALKOVER IN THE COUNTY PARK

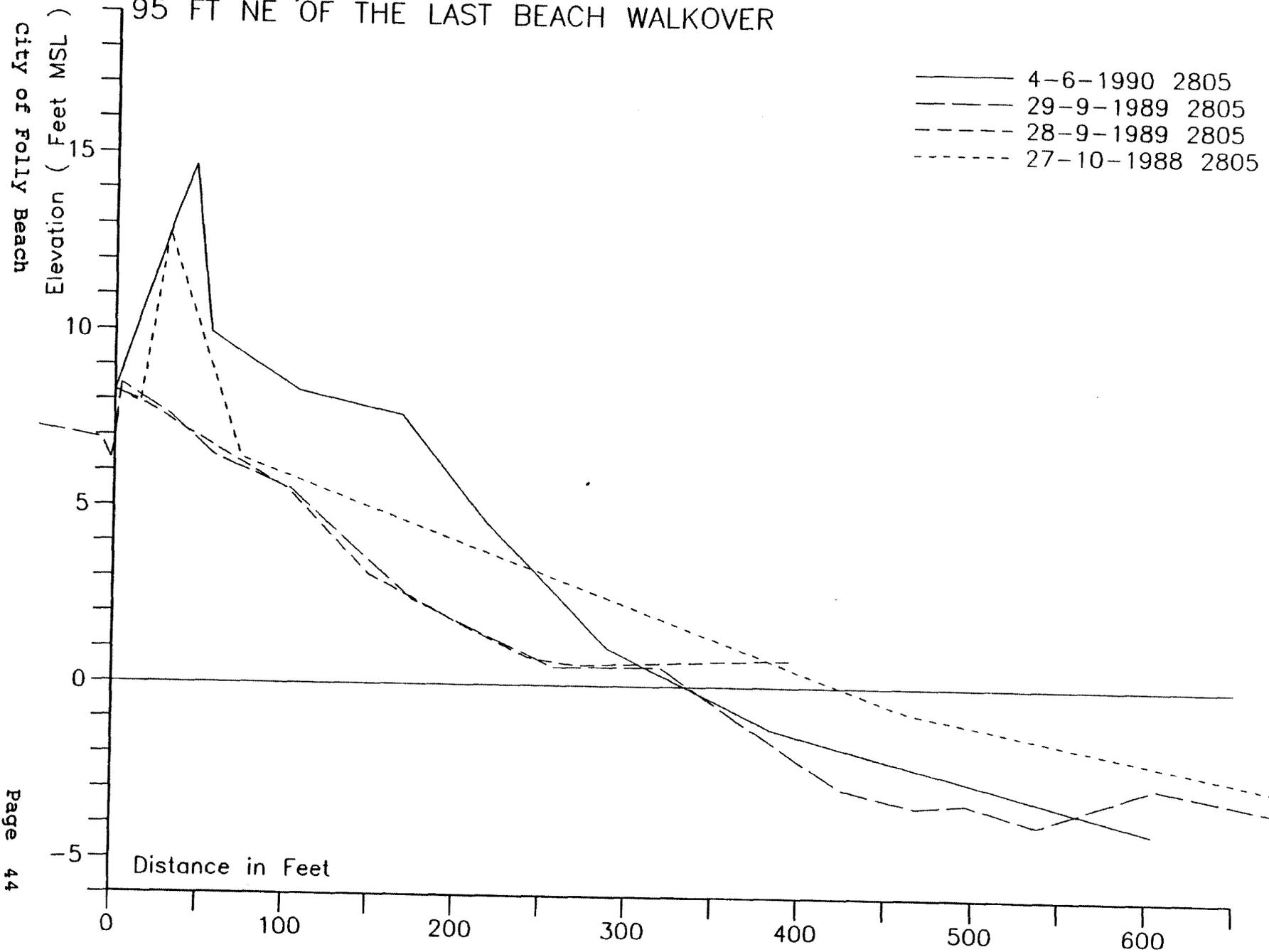
— 4-6-1990 2801
- - - 28-9-1989 2801
- - - 27-10-1988 2801



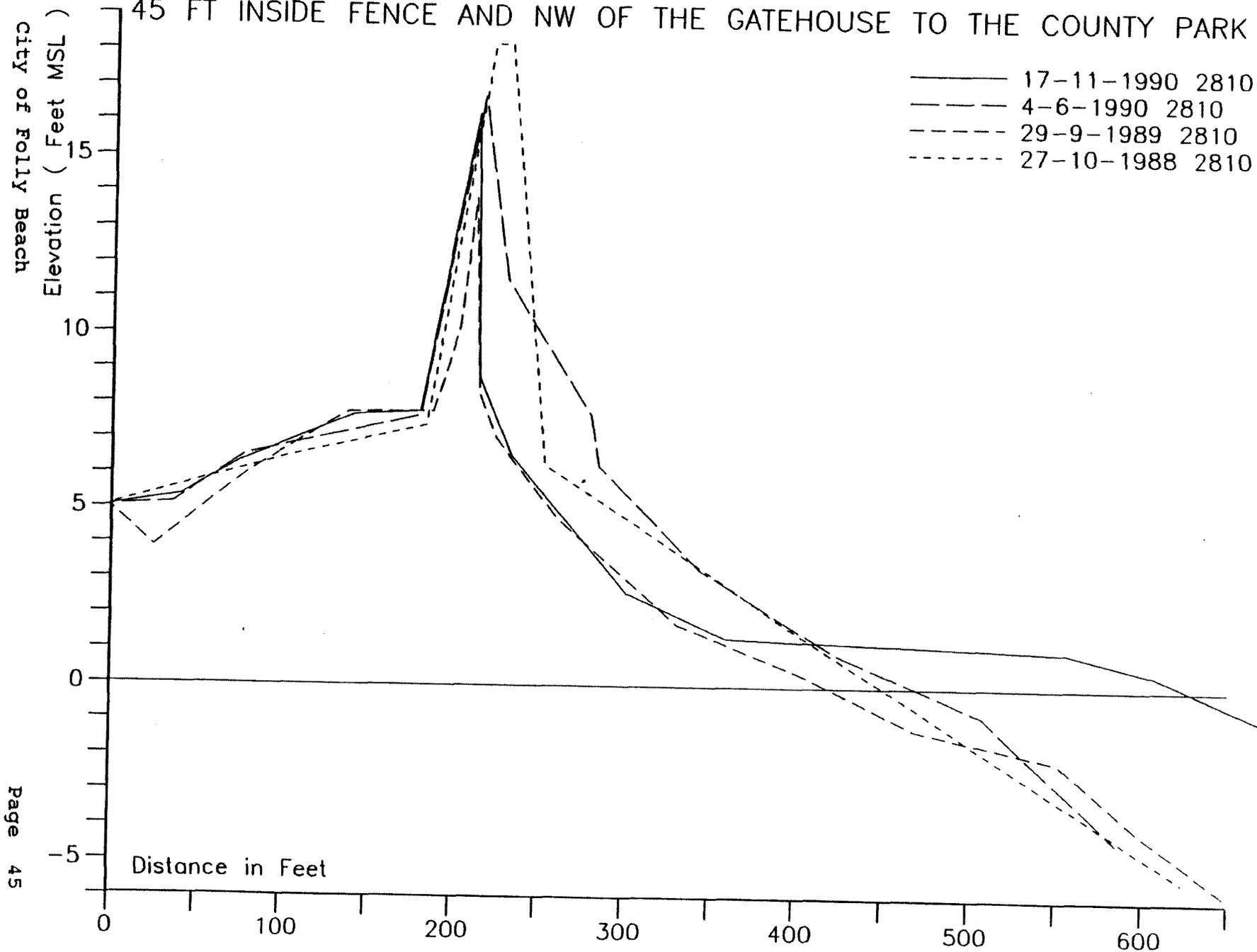
2803 Folly Beach
630 FT SW OF THE LAST BEACH WALKOVER AT THE COUNTY PARK



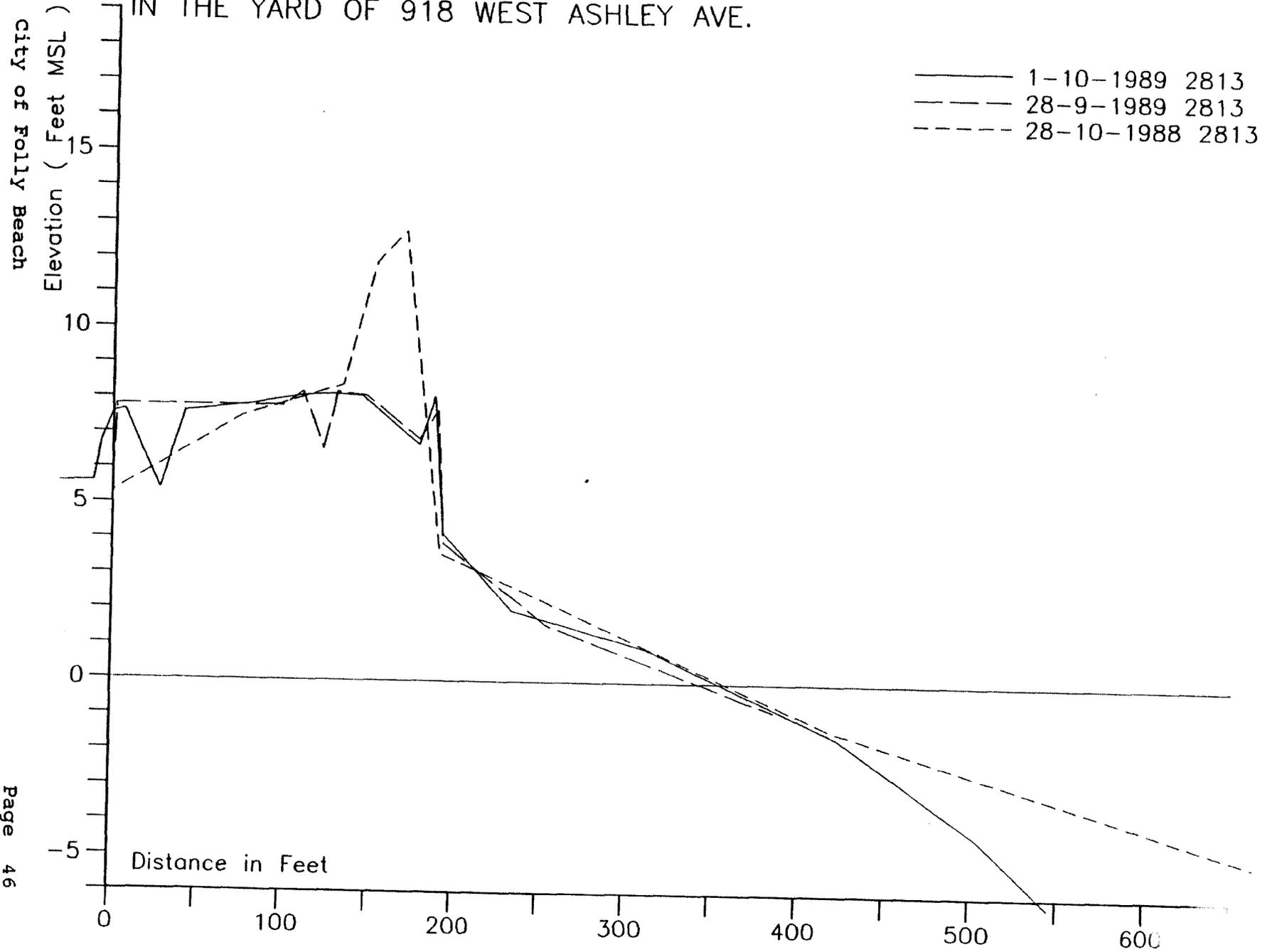
2805 Folly Beach
95 FT NE OF THE LAST BEACH WALKOVER



2810 Folly Beach
45 FT INSIDE FENCE AND NW OF THE GATEHOUSE TO THE COUNTY PARK

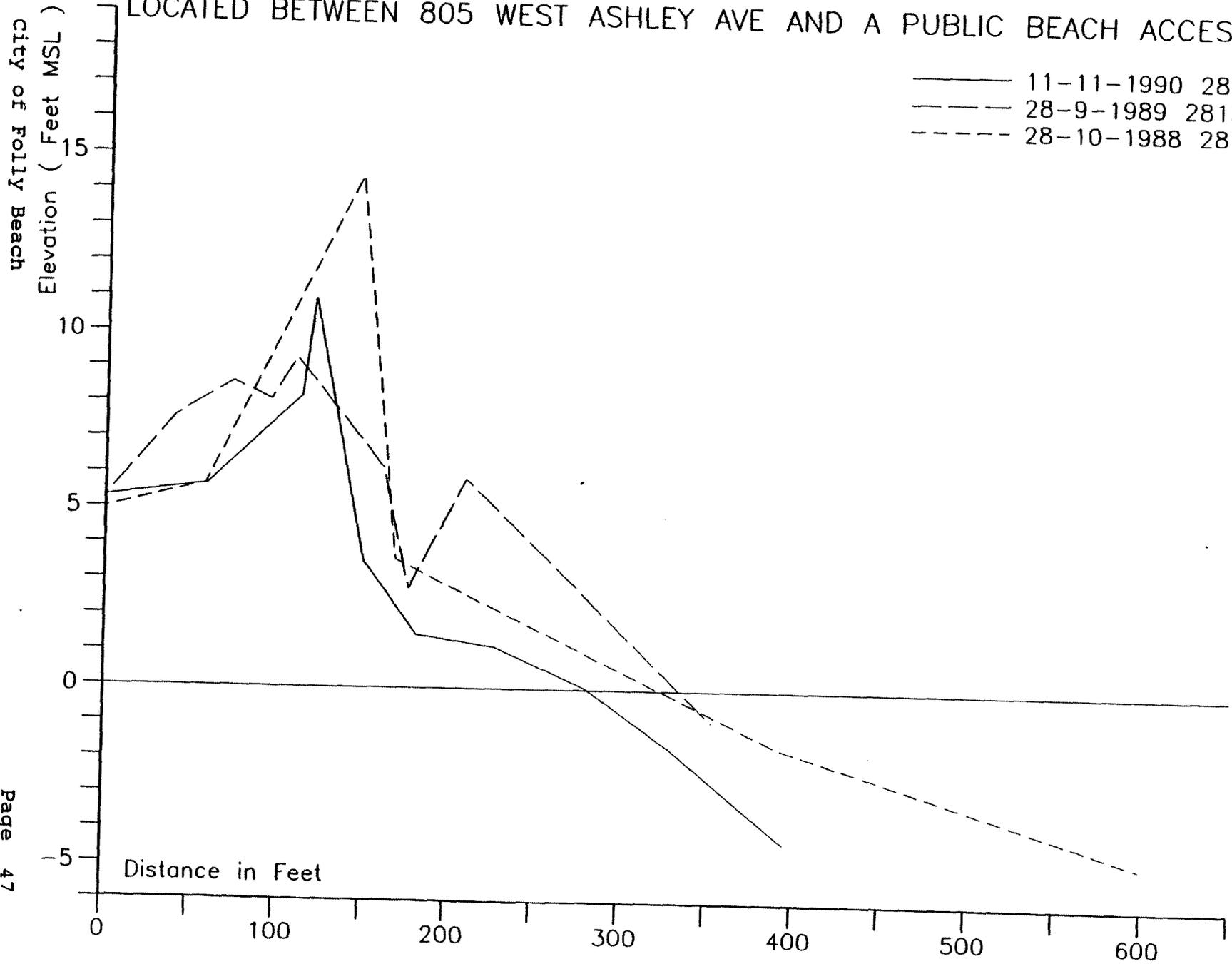


2813 Folly Beach
IN THE YARD OF 918 WEST ASHLEY AVE.

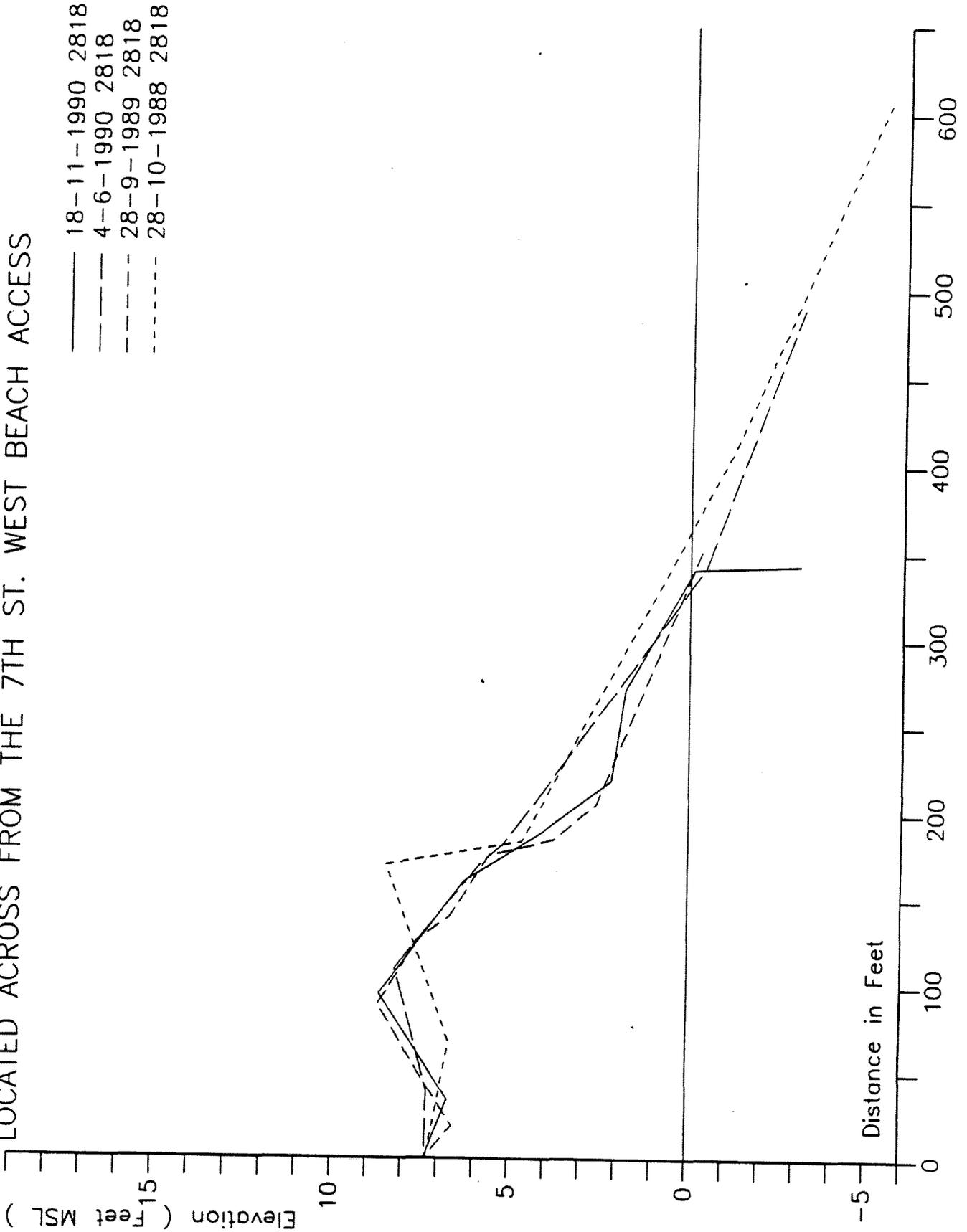


2815 Folly Beach
LOCATED BETWEEN 805 WEST ASHLEY AVE AND A PUBLIC BEACH ACCESS

— 11-11-1990 2815
- - - 28-9-1989 2815
- - - 28-10-1988 2815

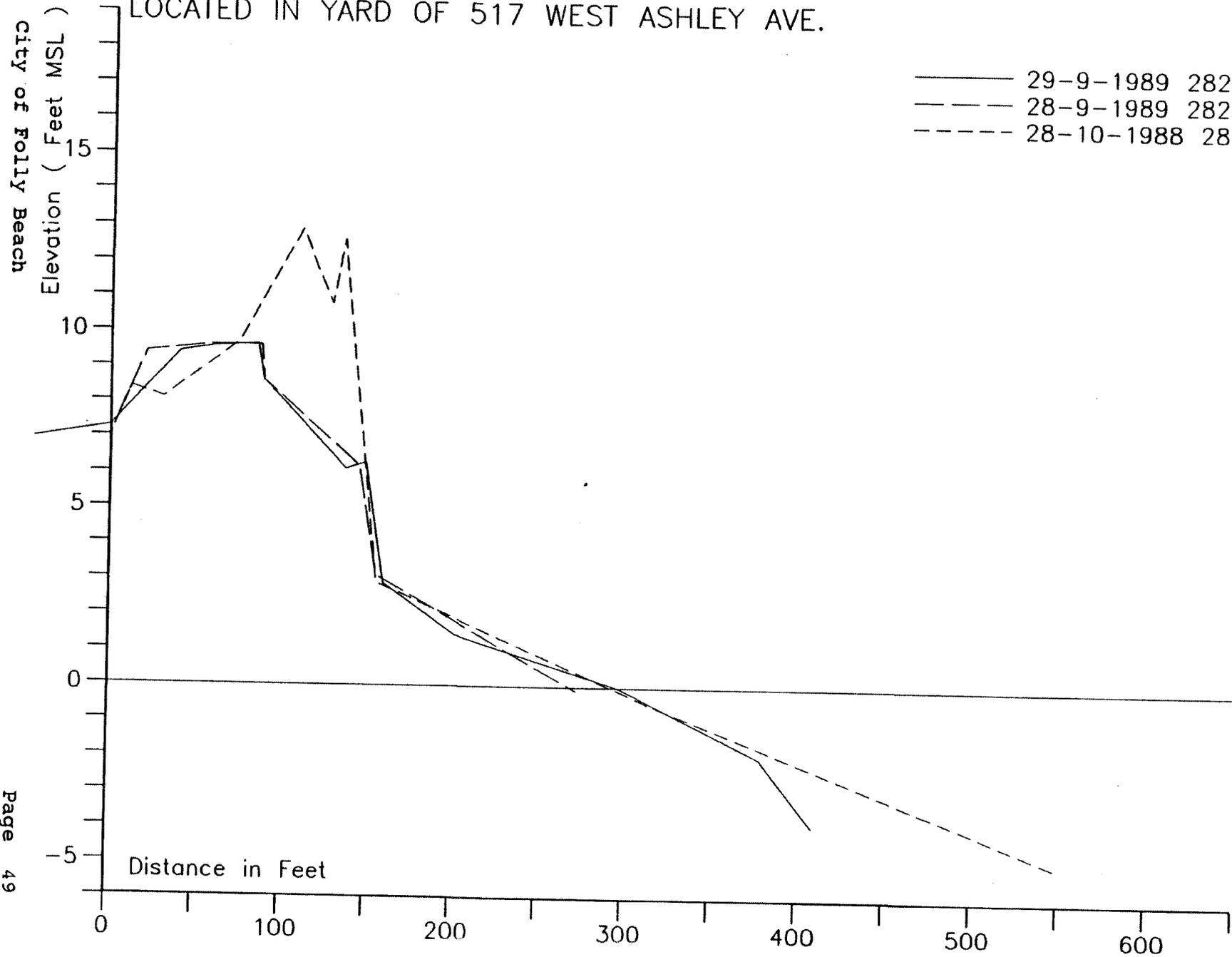


2818 Folly Beach
 LOCATED ACROSS FROM THE 7TH ST. WEST BEACH ACCESS



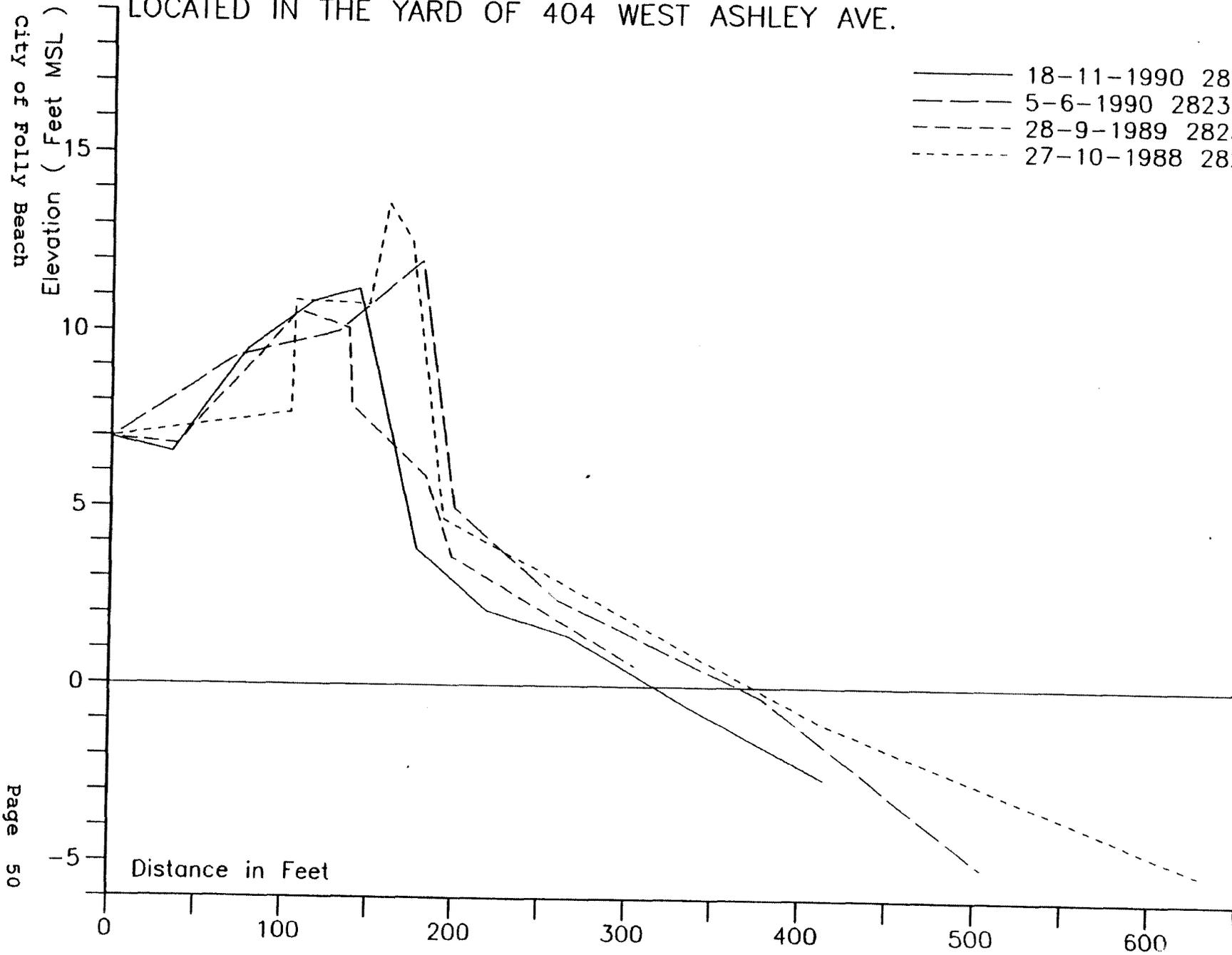
2820 Folly Beach
LOCATED IN YARD OF 517 WEST ASHLEY AVE.

— 29-9-1989 2820
- - - 28-9-1989 2820
- - - 28-10-1988 2820



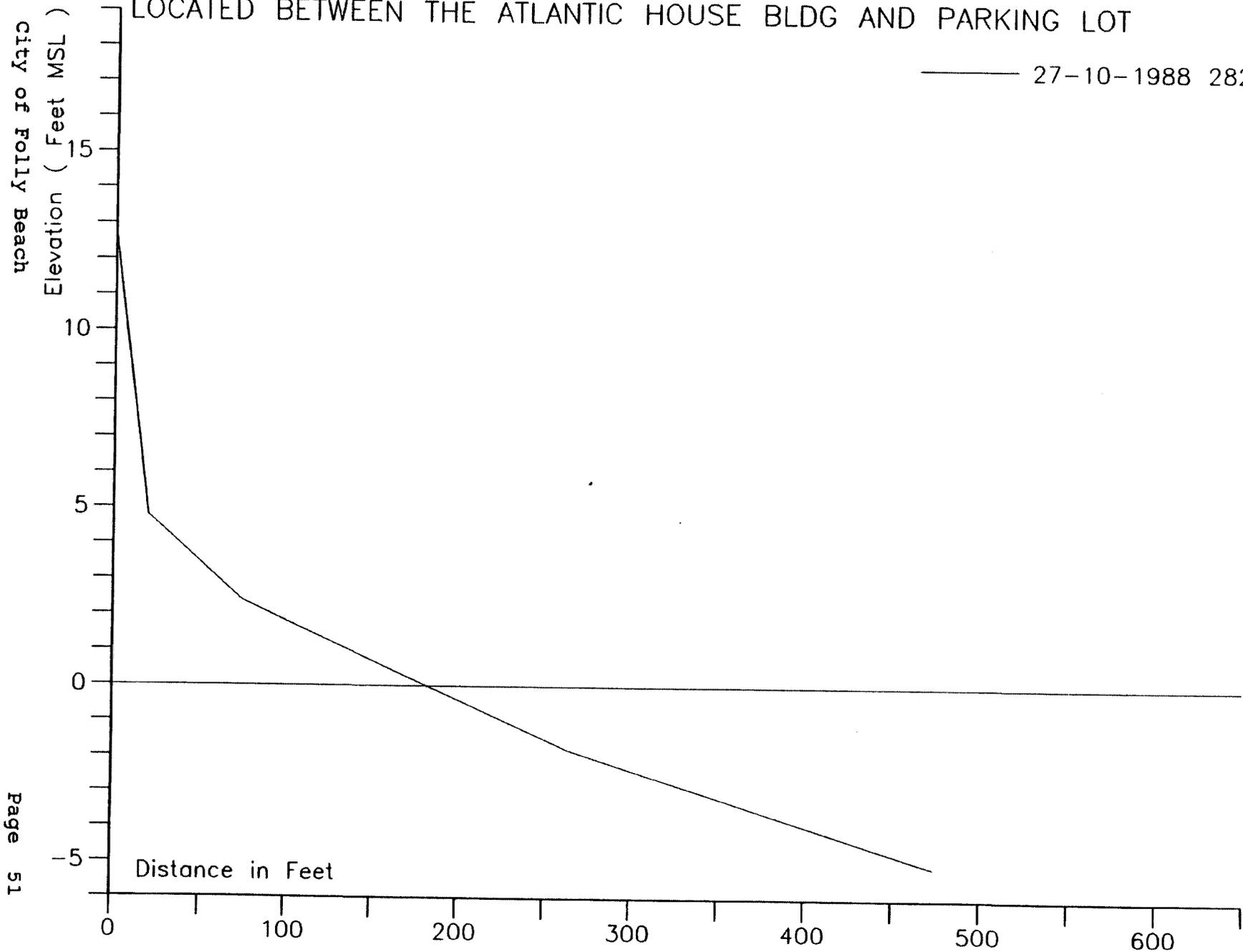
2823 Folly Beach
LOCATED IN THE YARD OF 404 WEST ASHLEY AVE.

— 18-11-1990 2823
- - - 5-6-1990 2823
- - - 28-9-1989 2823
- - - 27-10-1988 2823



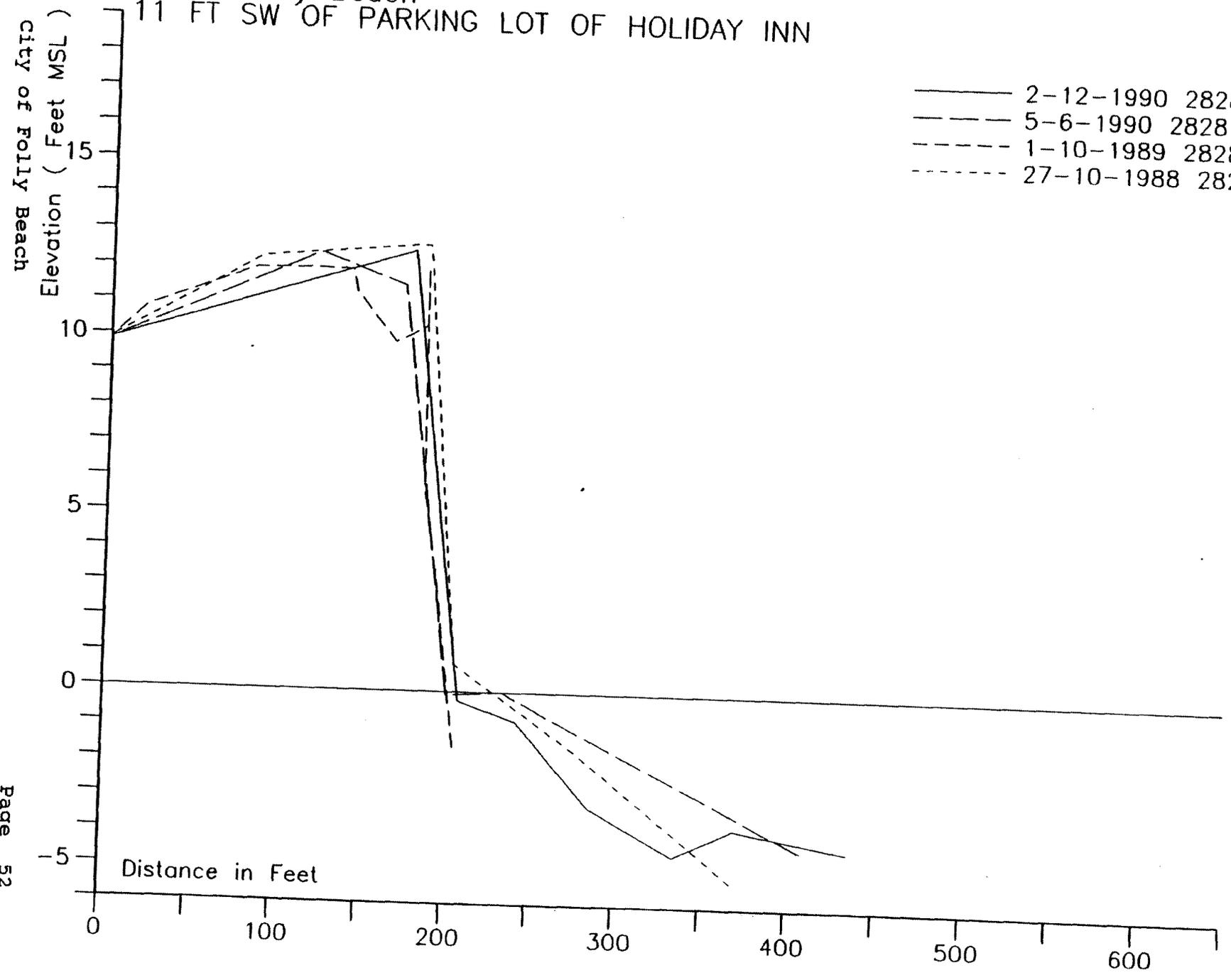
2825 Folly Beach
LOCATED BETWEEN THE ATLANTIC HOUSE BLDG AND PARKING LOT

27-10-1988 2825



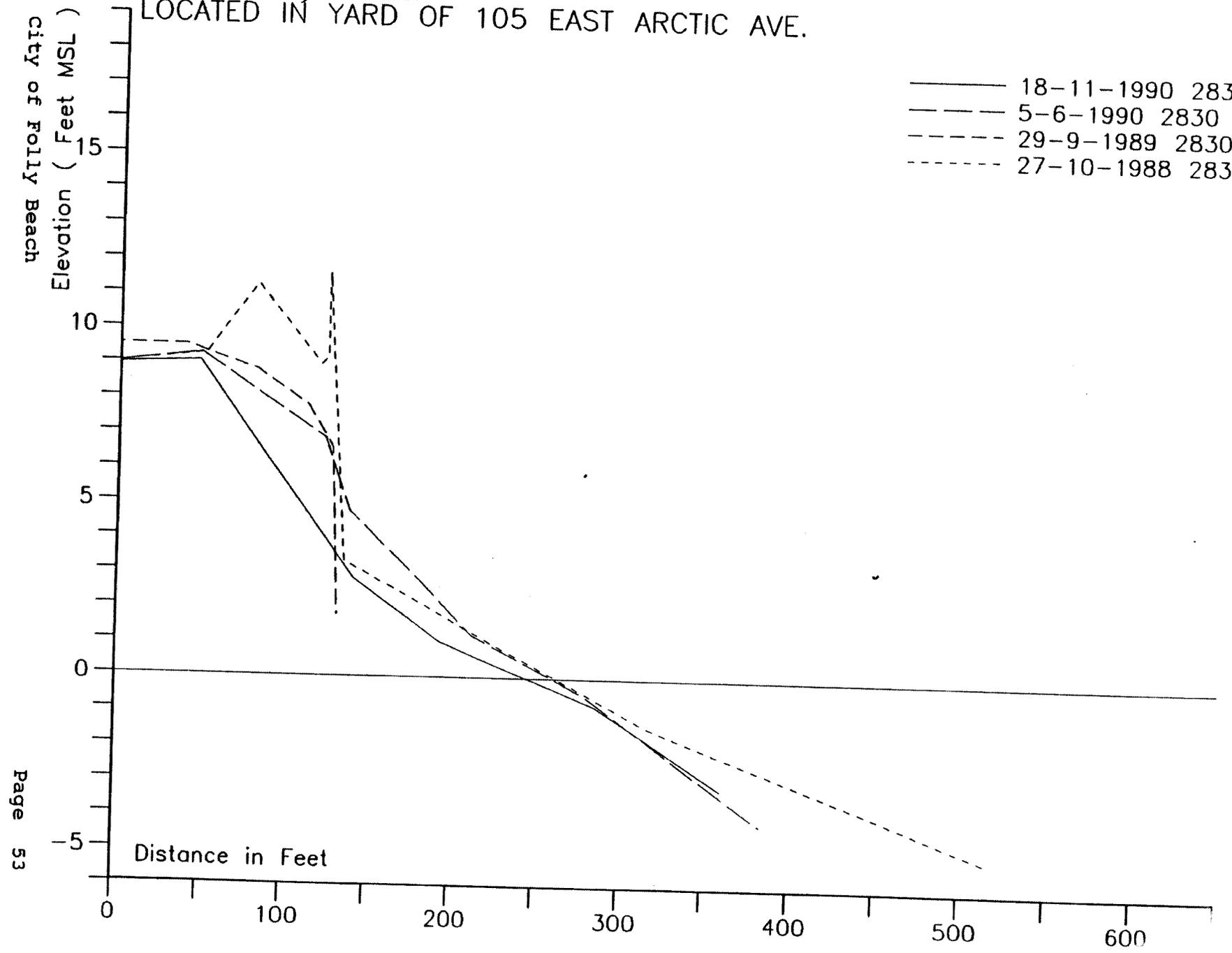
2828 Folly Beach
11 FT SW OF PARKING LOT OF HOLIDAY INN

— 2-12-1990 2828
- - - 5-6-1990 2828
- - - 1-10-1989 2828
- - - 27-10-1988 2828



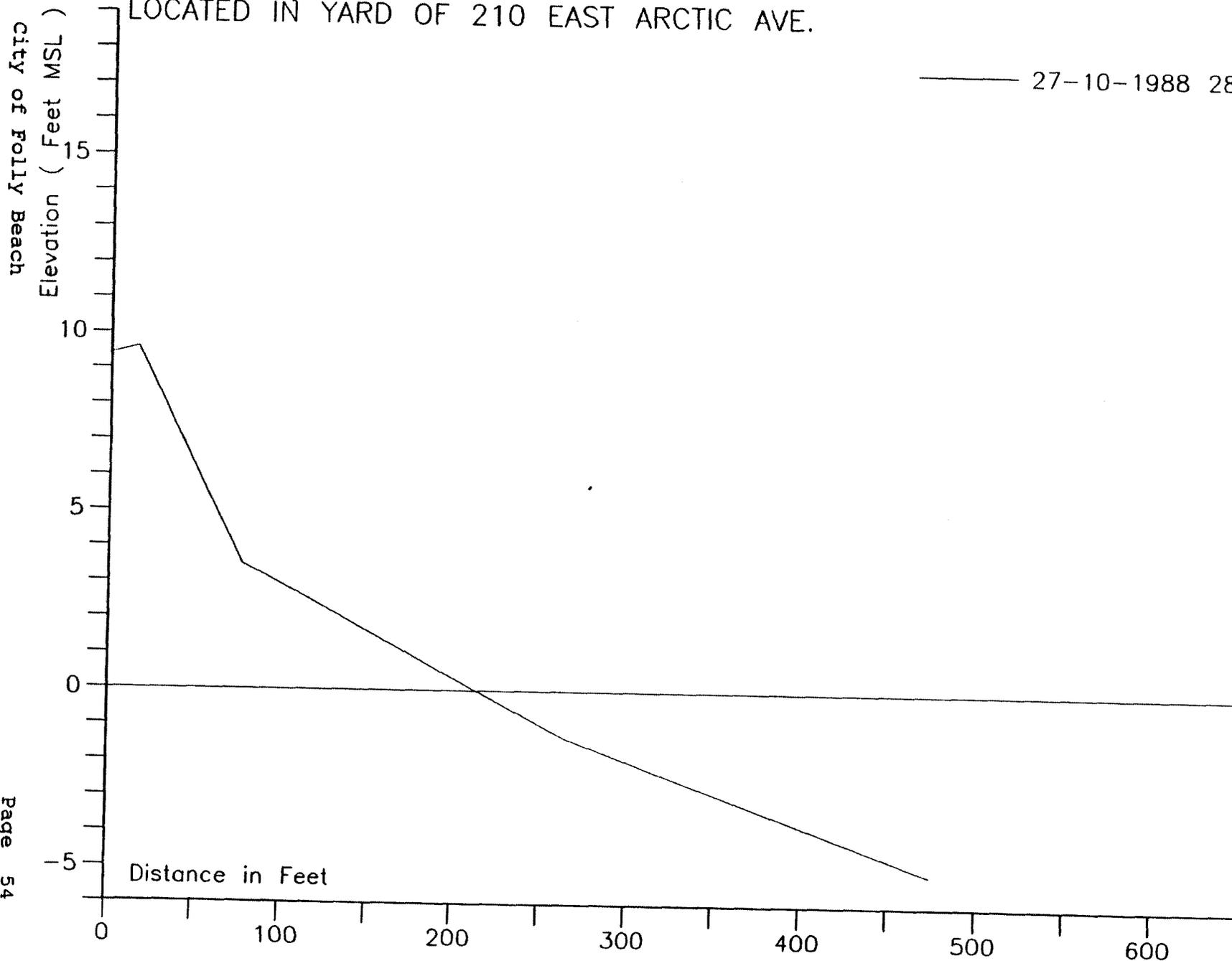
2830 Folly Beach
LOCATED IN YARD OF 105 EAST ARCTIC AVE.

— 18-11-1990 2830
- - - 5-6-1990 2830
- - - 29-9-1989 2830
- - - 27-10-1988 2830



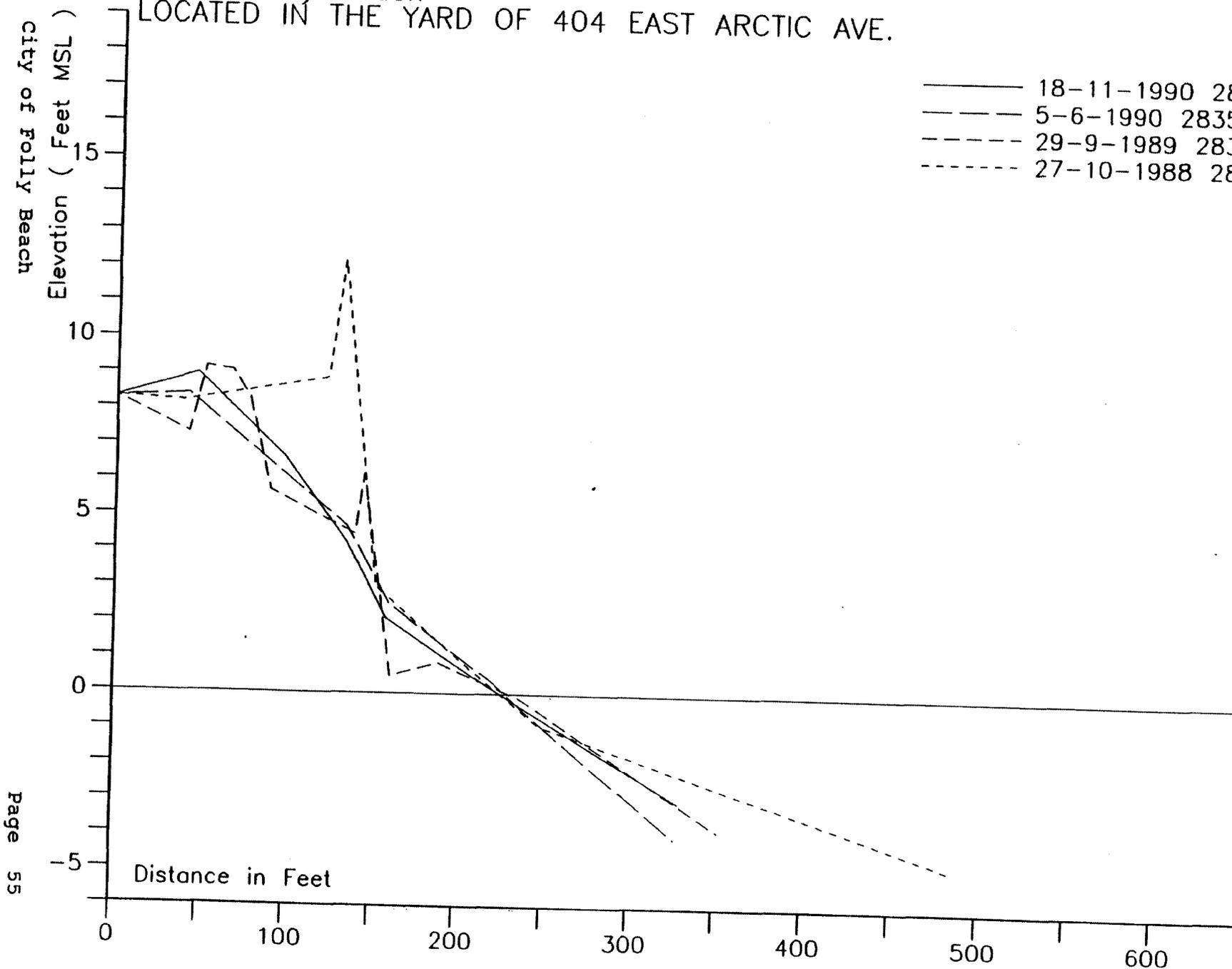
2833 Folly Beach
LOCATED IN YARD OF 210 EAST ARCTIC AVE.

— 27-10-1988 2833



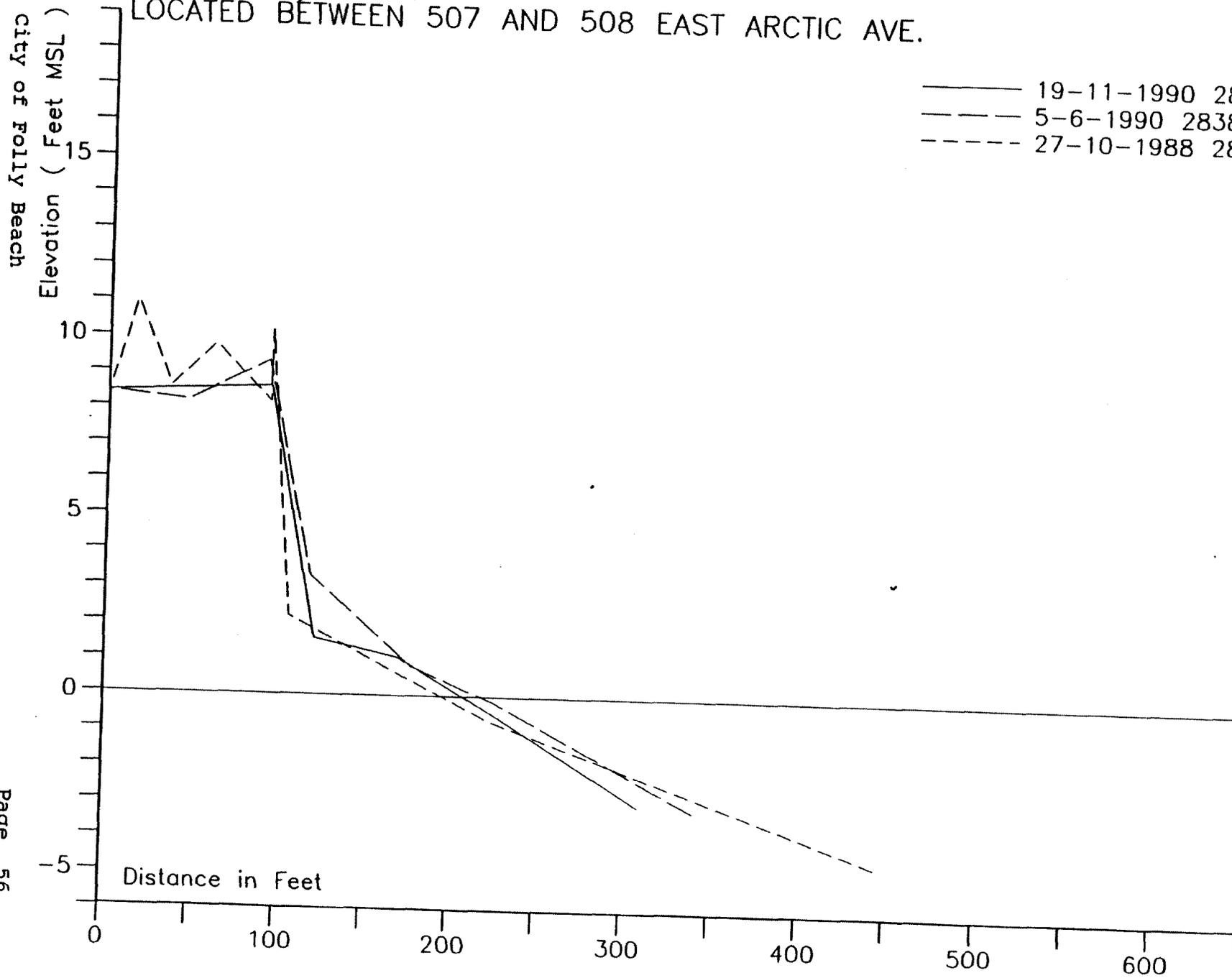
2835 Folly Beach
LOCATED IN THE YARD OF 404 EAST ARCTIC AVE.

— 18-11-1990 2835
- - - 5-6-1990 2835
- - - 29-9-1989 2835
- - - 27-10-1988 2835



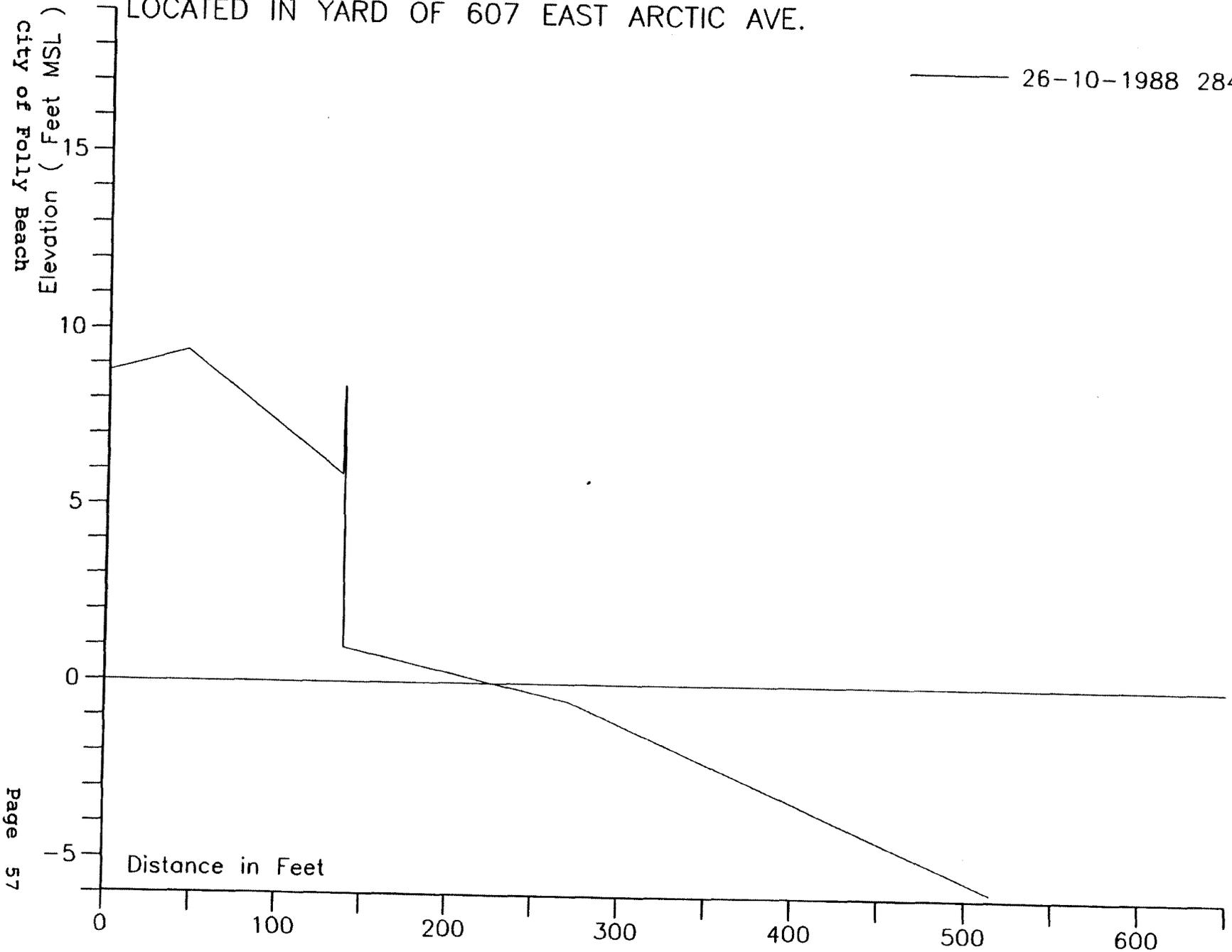
2838 Folly Beach
LOCATED BETWEEN 507 AND 508 EAST ARCTIC AVE.

— 19-11-1990 2838
- - - 5-6-1990 2838
- - - 27-10-1988 2838

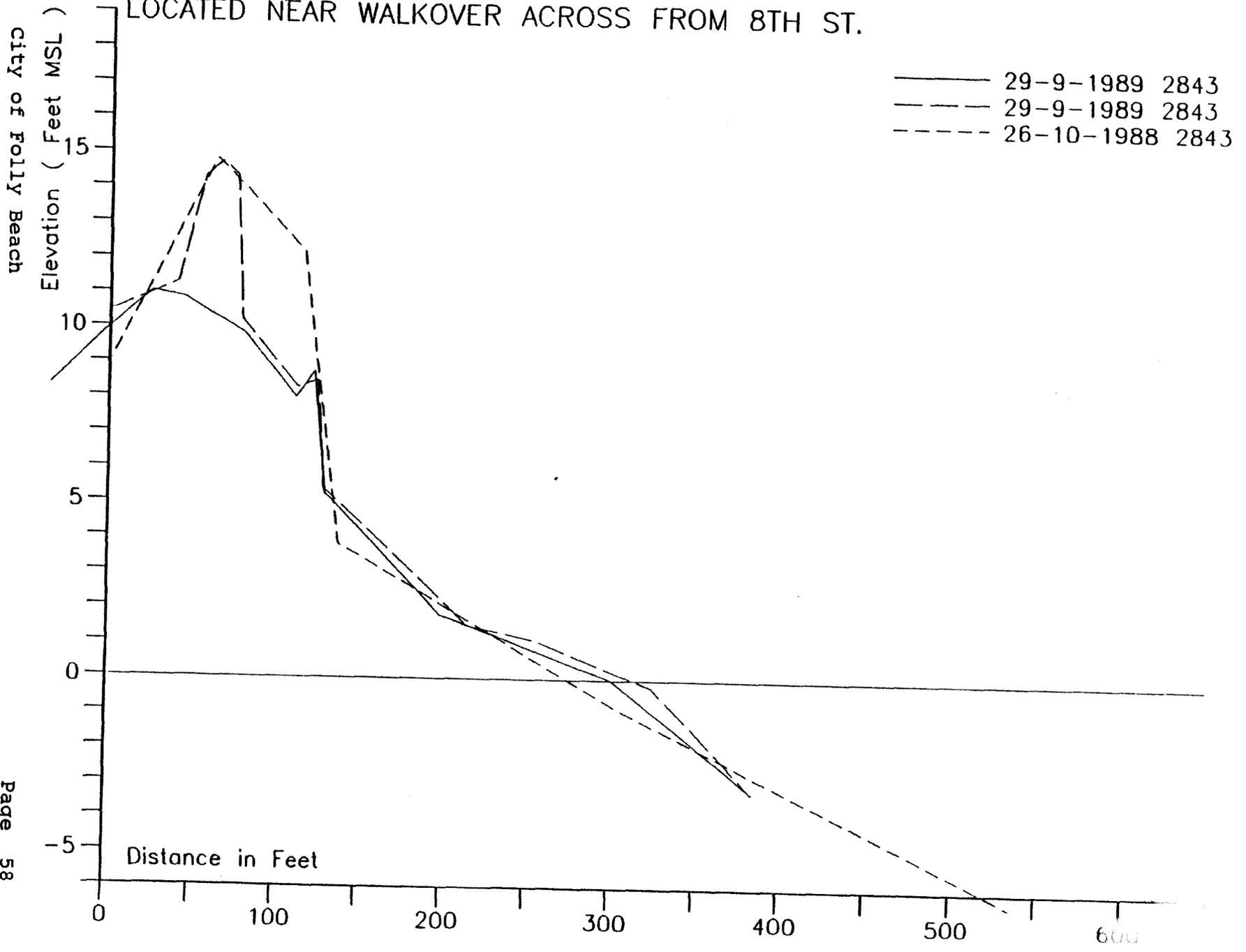


2840 Folly Beach
LOCATED IN YARD OF 607 EAST ARCTIC AVE.

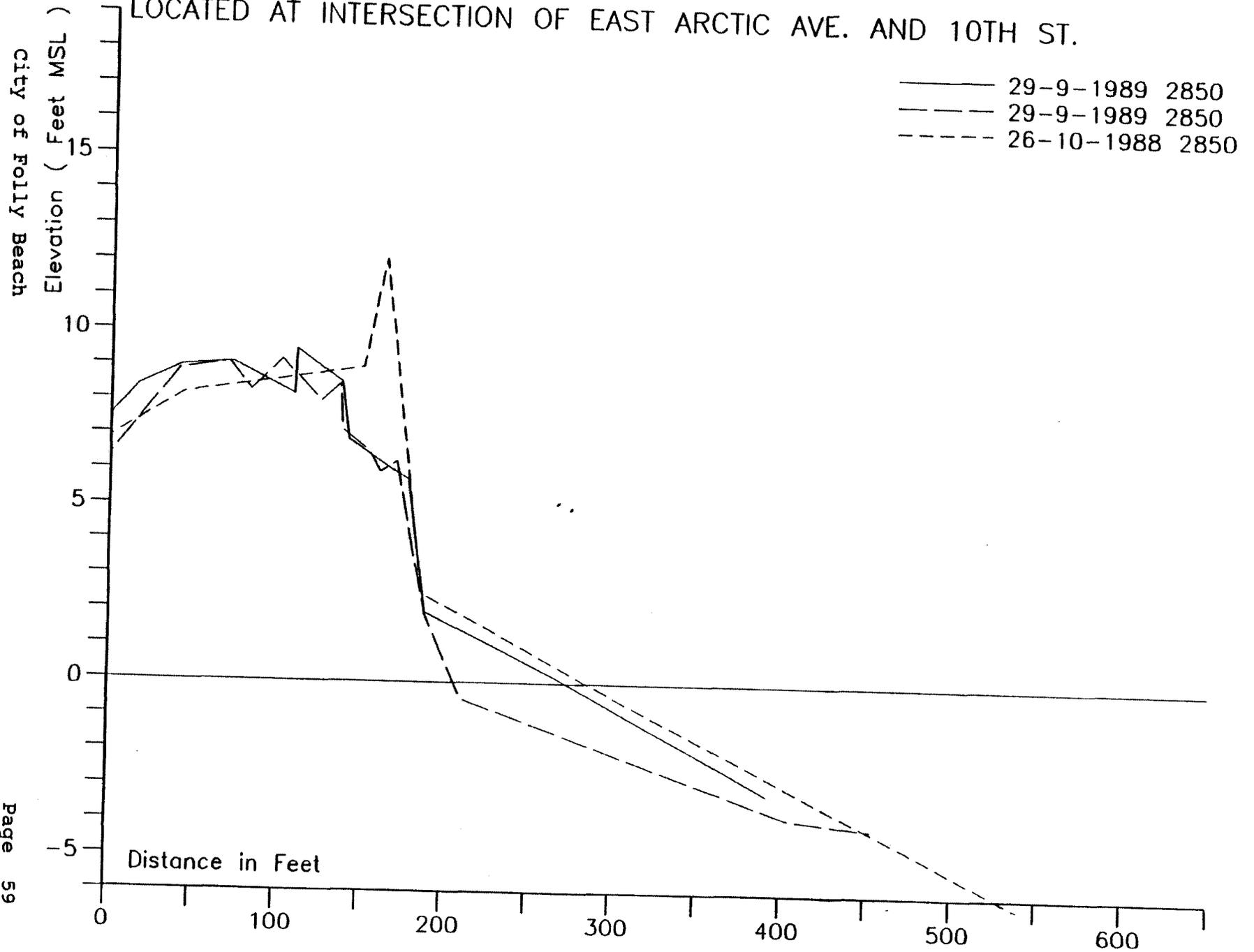
26-10-1988 2840



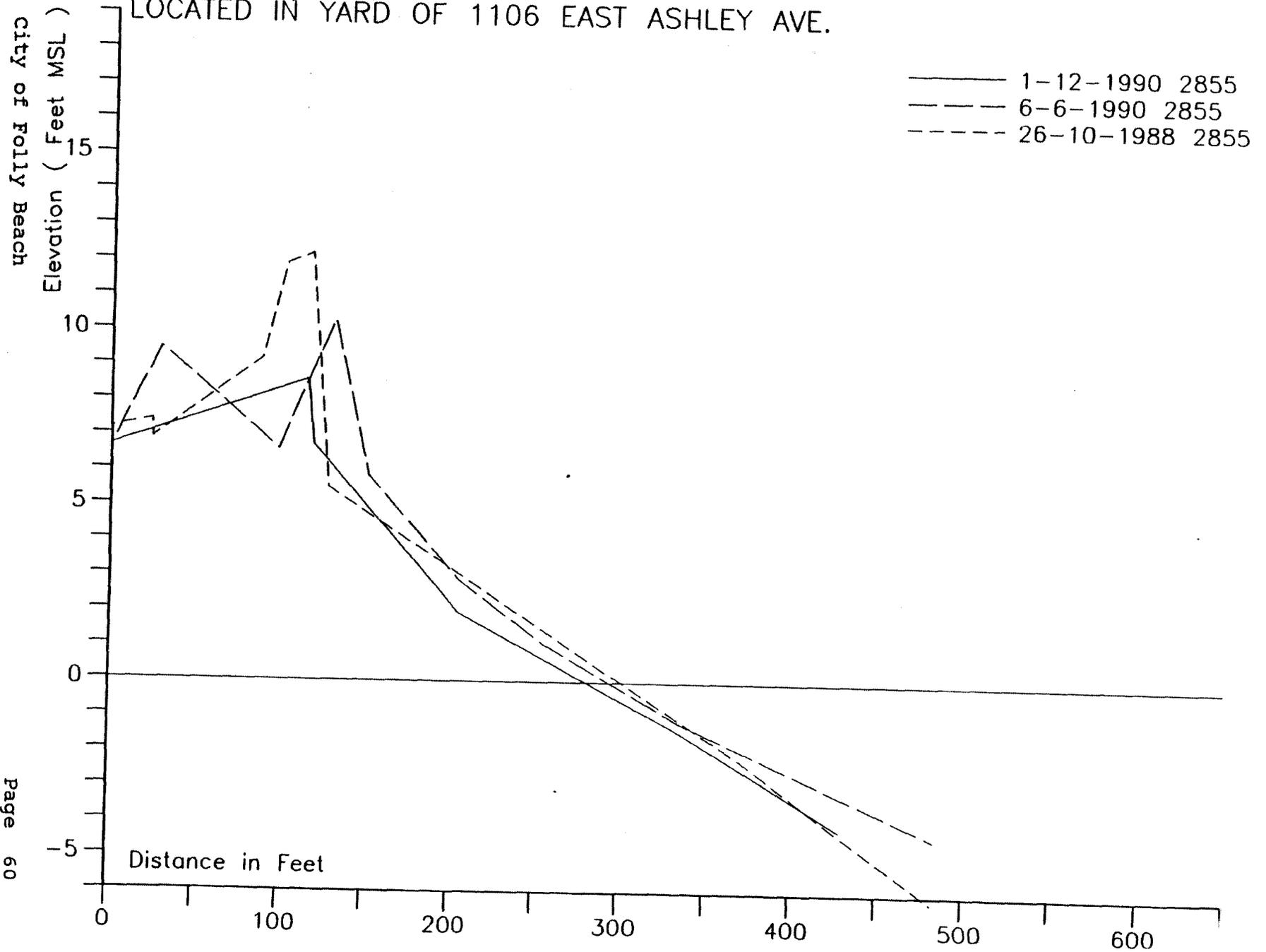
2843 Folly Beach
LOCATED NEAR WALKOVER ACROSS FROM 8TH ST.



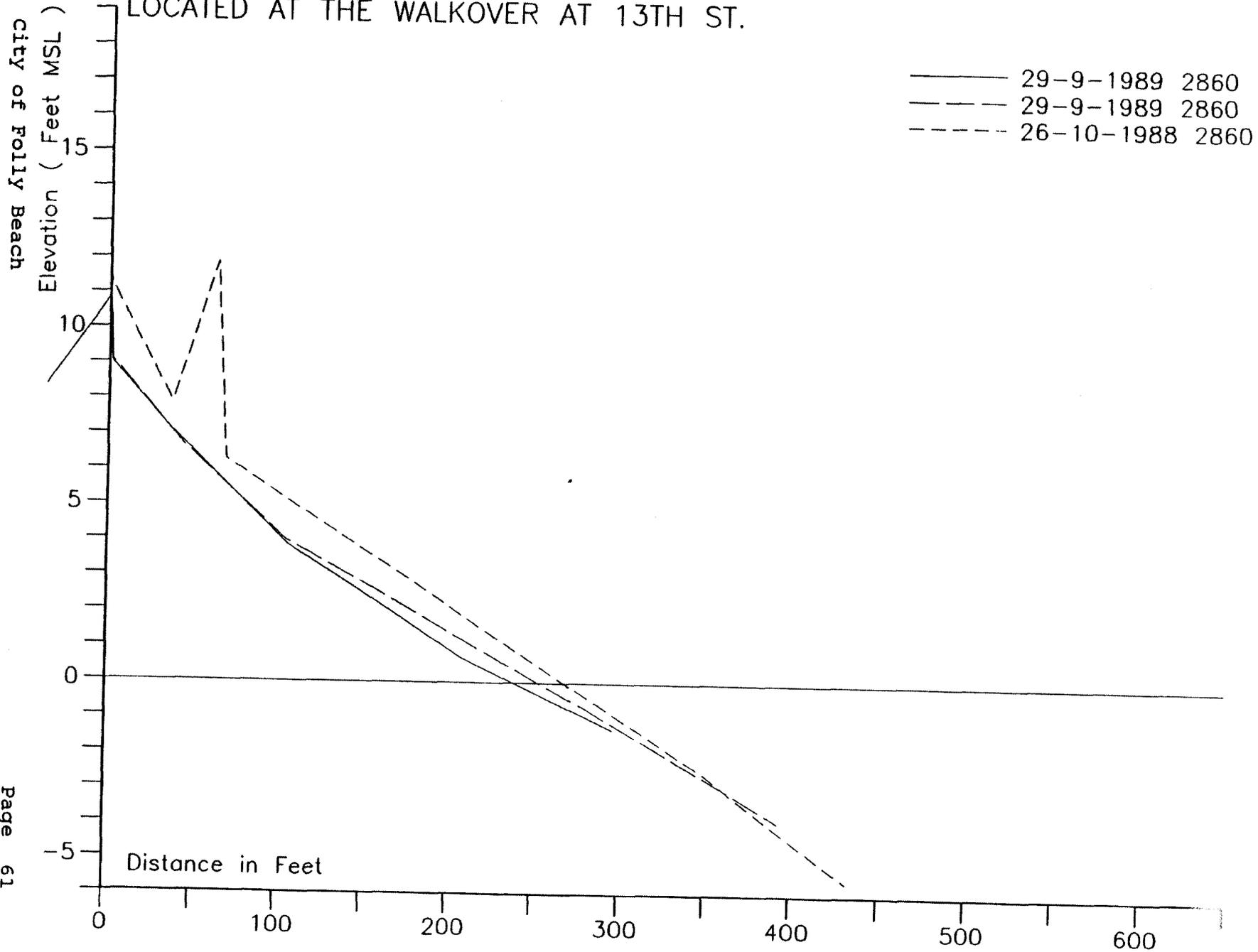
2850 Folly Beach
LOCATED AT INTERSECTION OF EAST ARCTIC AVE. AND 10TH ST.



2855 Folly Beach
LOCATED IN YARD OF 1106 EAST ASHLEY AVE.

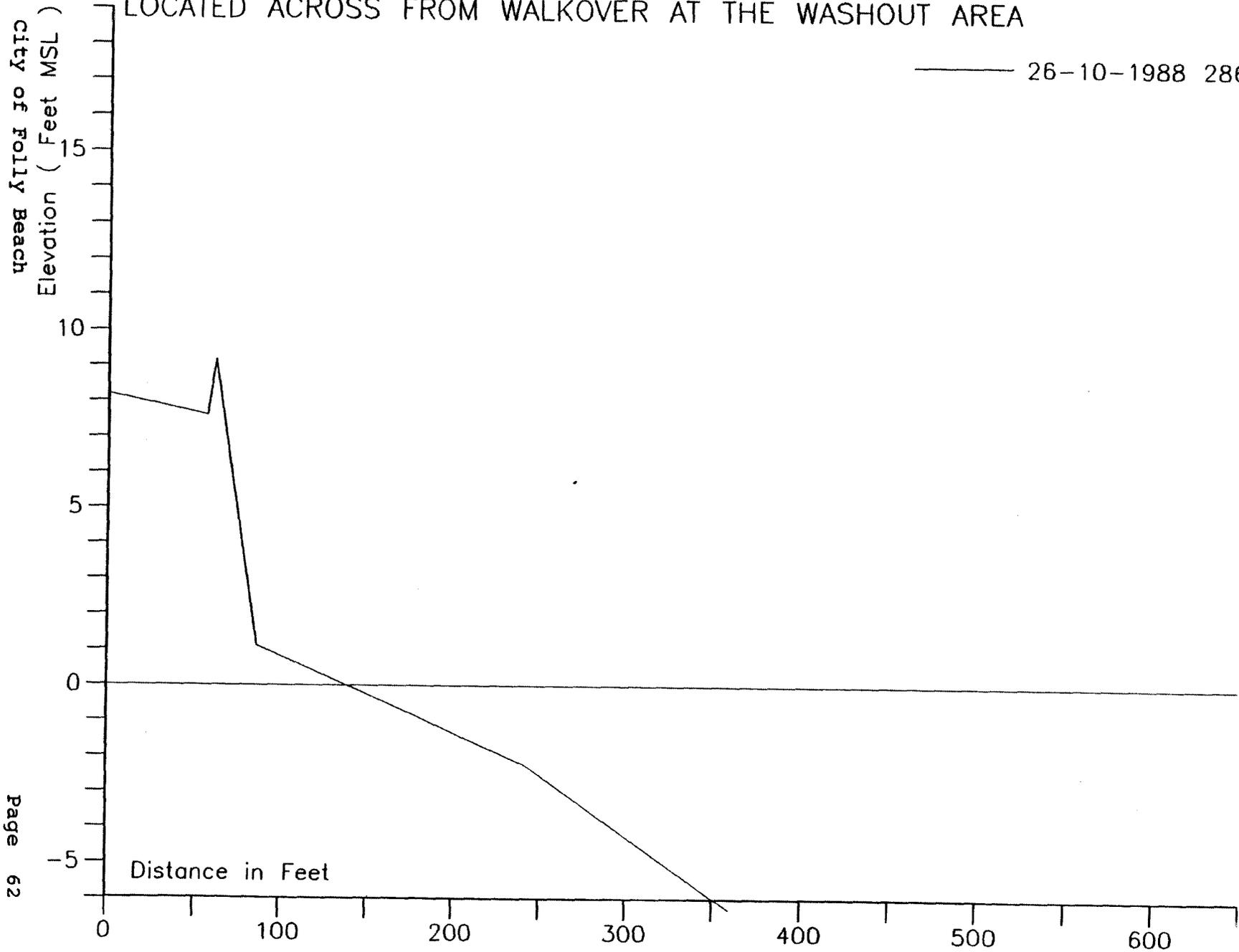


2860 Folly Beach
LOCATED AT THE WALKOVER AT 13TH ST.



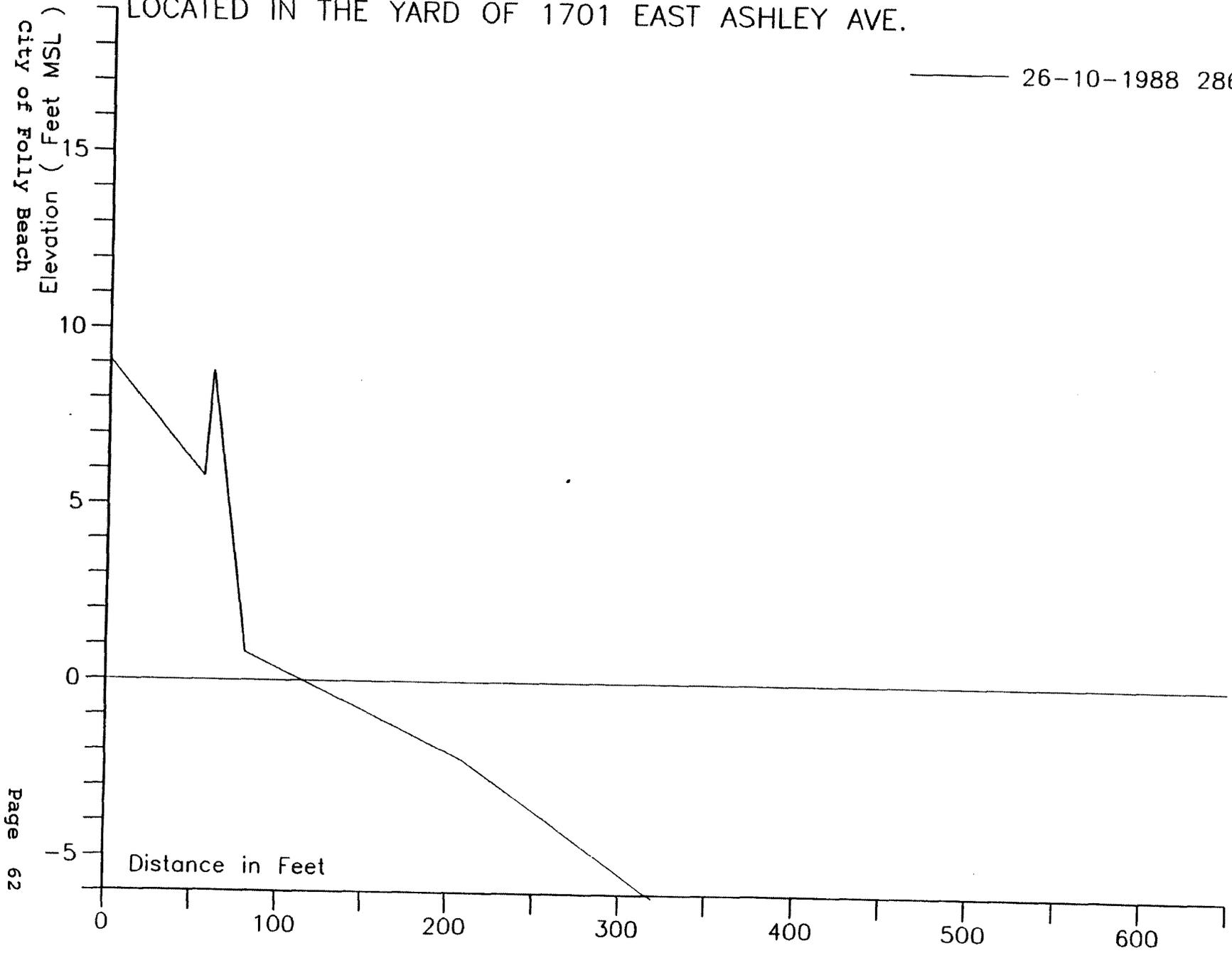
2865 Folly Beach
LOCATED ACROSS FROM WALKOVER AT THE WASHOUT AREA

— 26-10-1988 2865



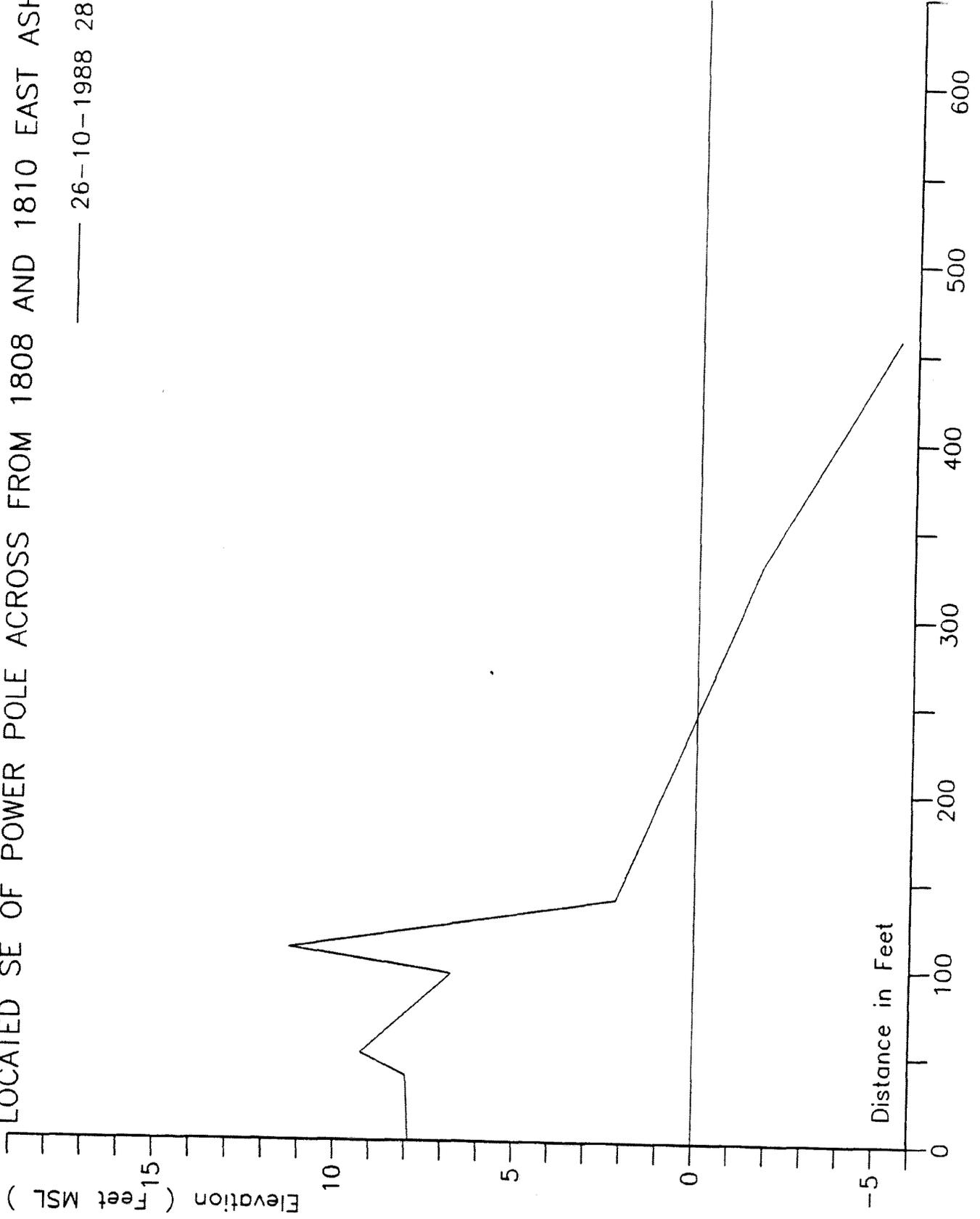
2868 Folly Beach
LOCATED IN THE YARD OF 1701 EAST ASHLEY AVE.

26-10-1988 2868

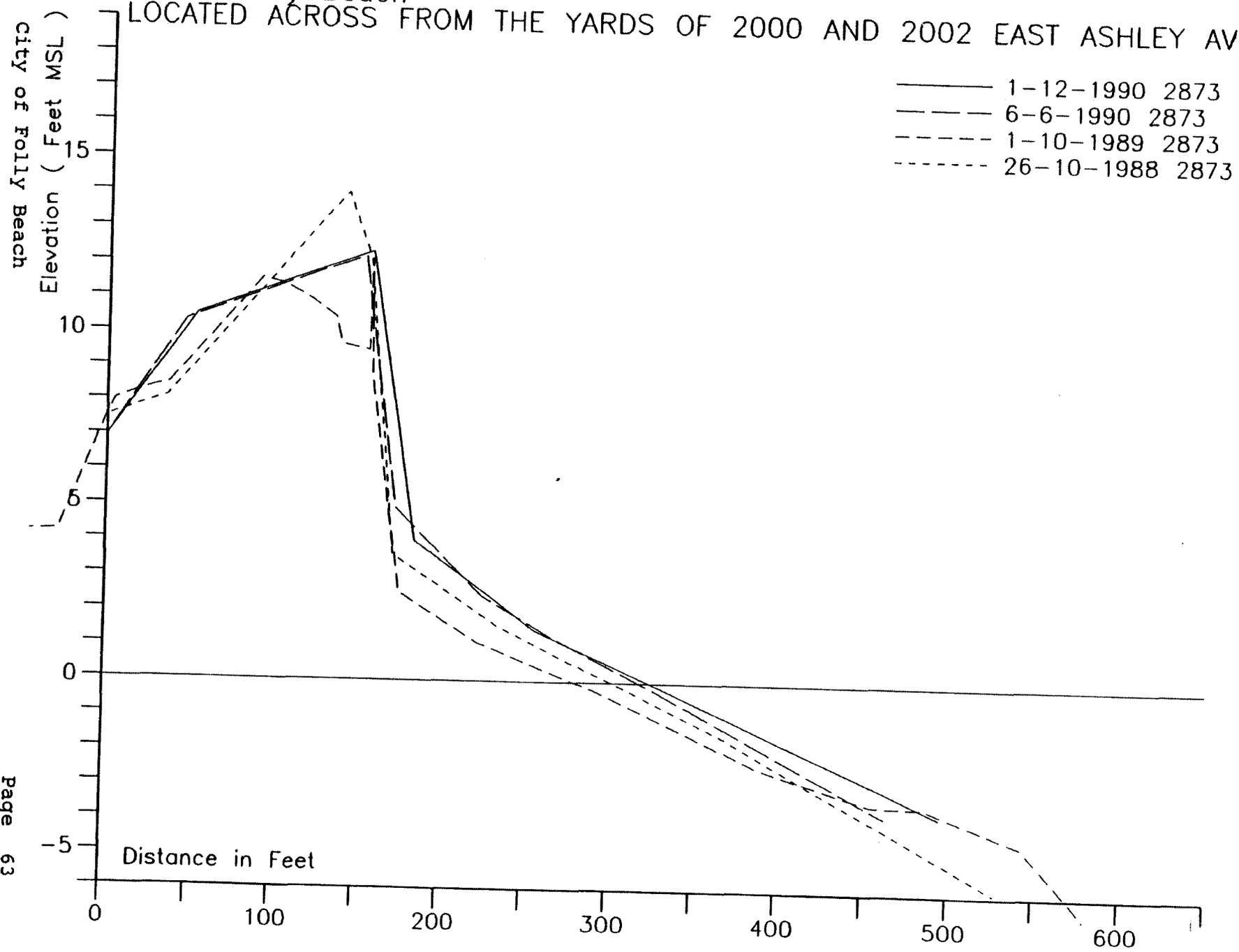


2870 Folly Beach
LOCATED SE OF POWER POLE ACROSS FROM 1808 AND 1810 EAST ASHLEY A

———— 26-10-1988 2870



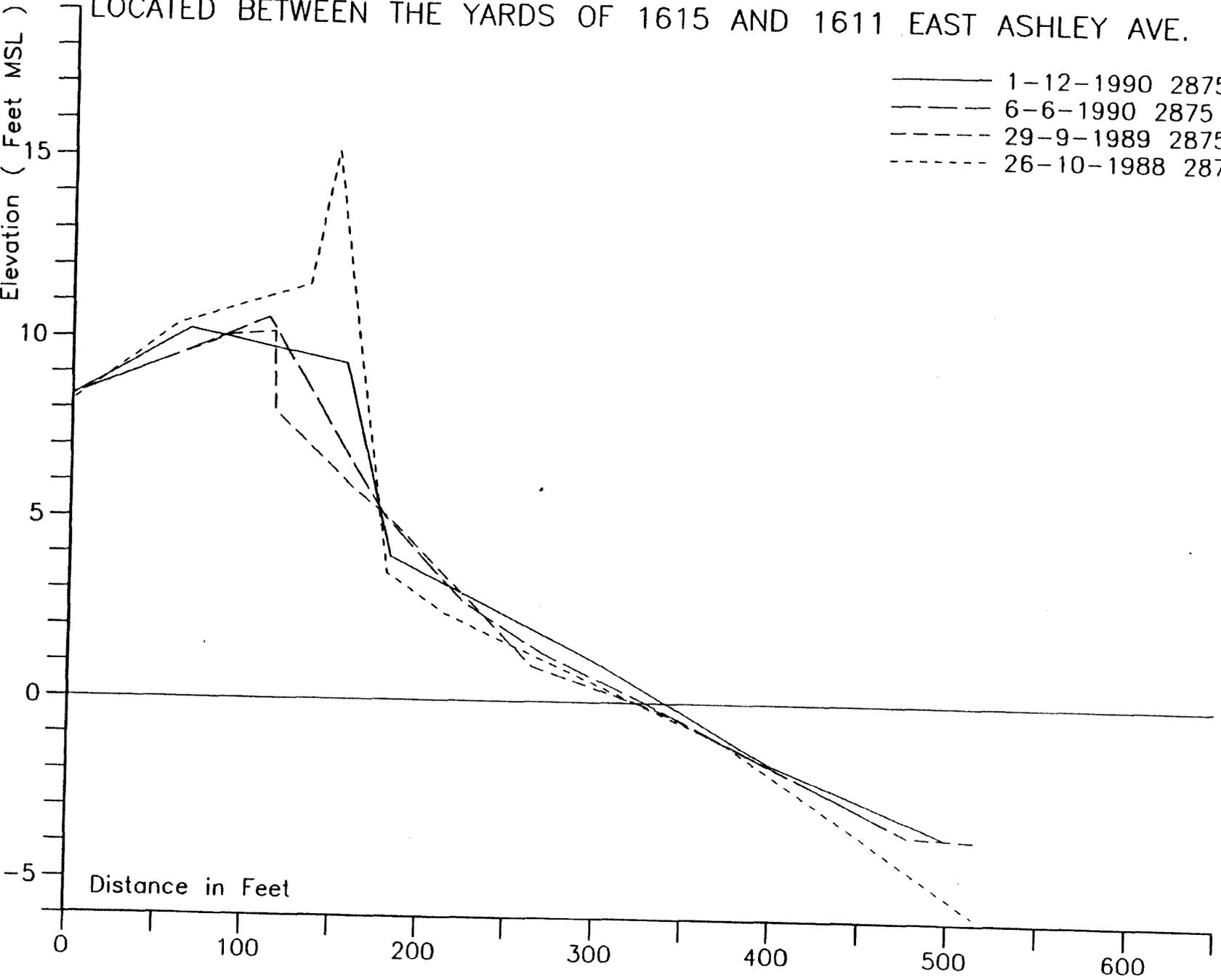
2873 Folly Beach
LOCATED ACROSS FROM THE YARDS OF 2000 AND 2002 EAST ASHLEY AVE.



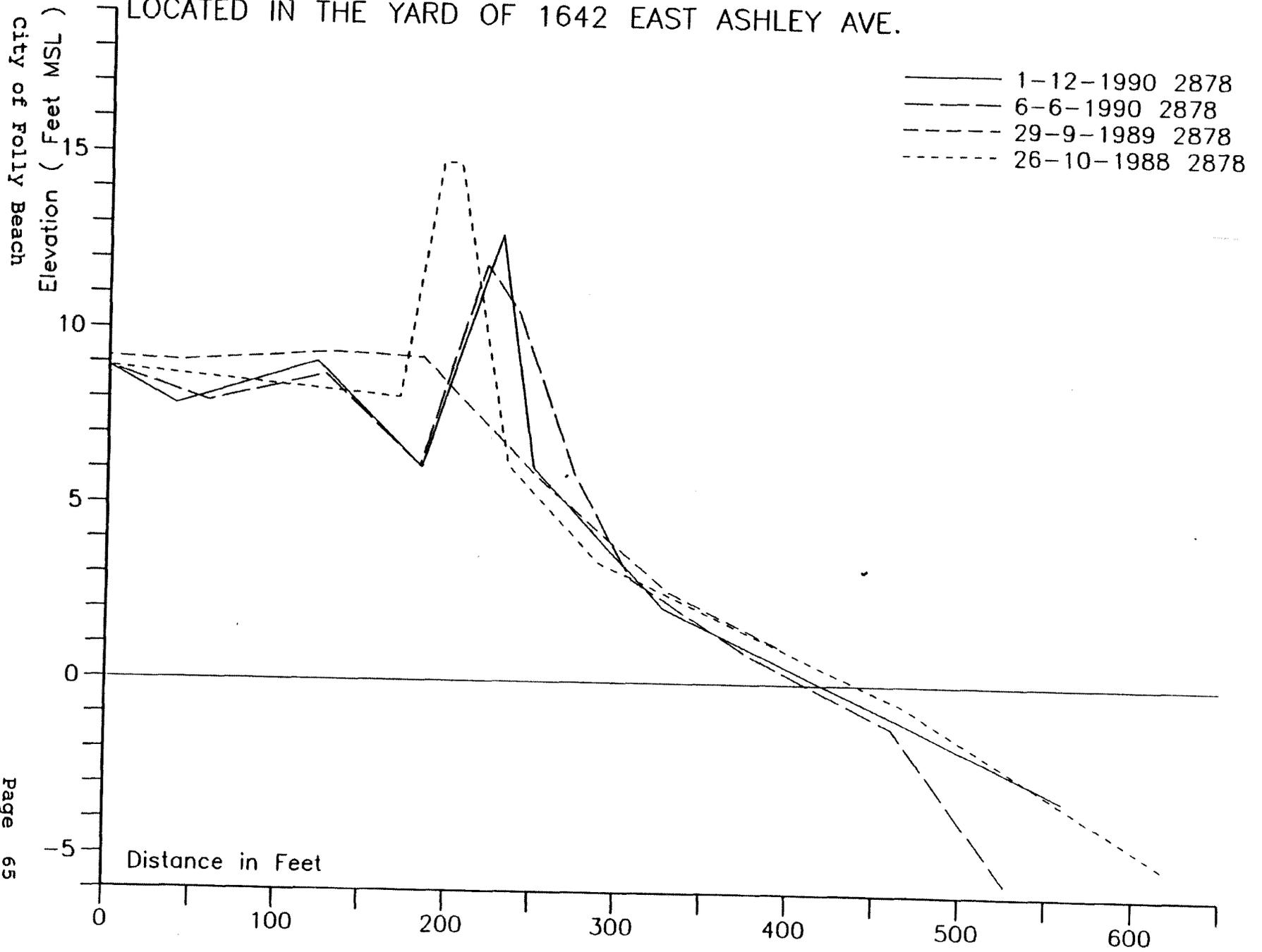
2875 Folly Beach
LOCATED BETWEEN THE YARDS OF 1615 AND 1611 EAST ASHLEY AVE.

Elevation (Feet MSL)
city of Folly Beach

- 1-12-1990 2875
- - - 6-6-1990 2875
- - - 29-9-1989 2875
- - - 26-10-1988 2875



2878 Folly Beach
LOCATED IN THE YARD OF 1642 EAST ASHLEY AVE.

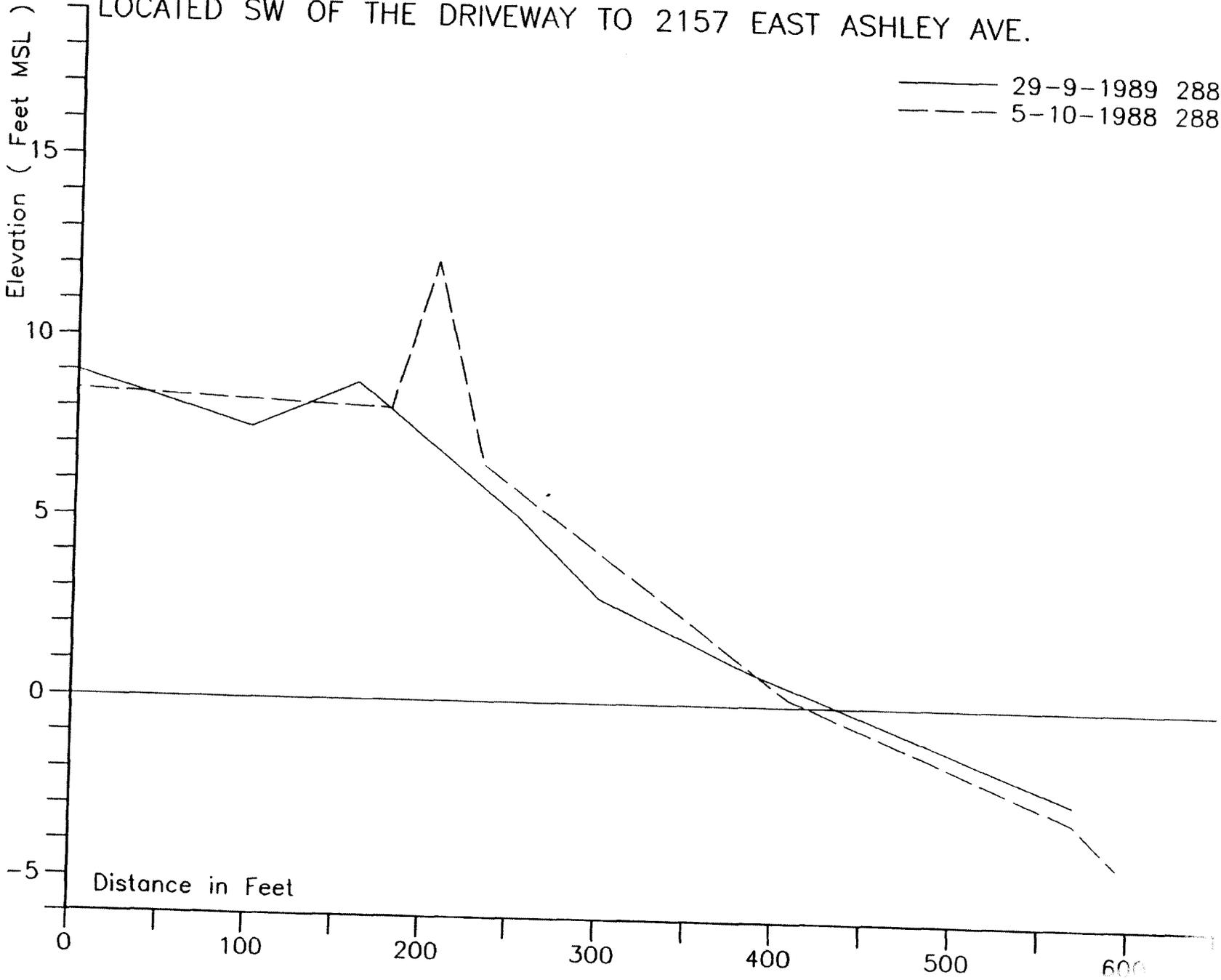


2880 Folly Beach
LOCATED SW OF THE DRIVEWAY TO 2157 EAST ASHLEY AVE.

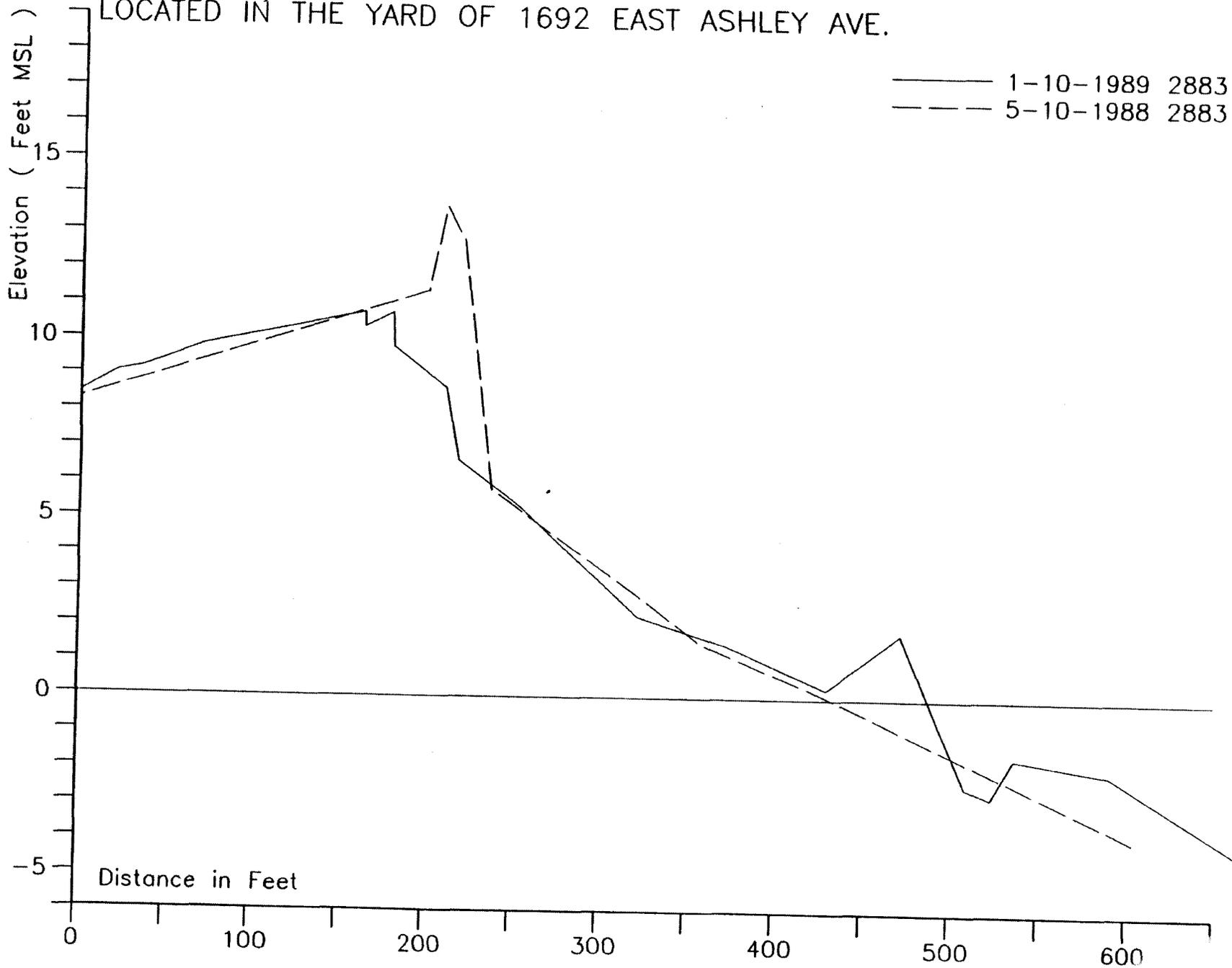
Elevation (Feet MSL)

— 29-9-1989 2880
- - - 5-10-1988 2880

Distance in Feet



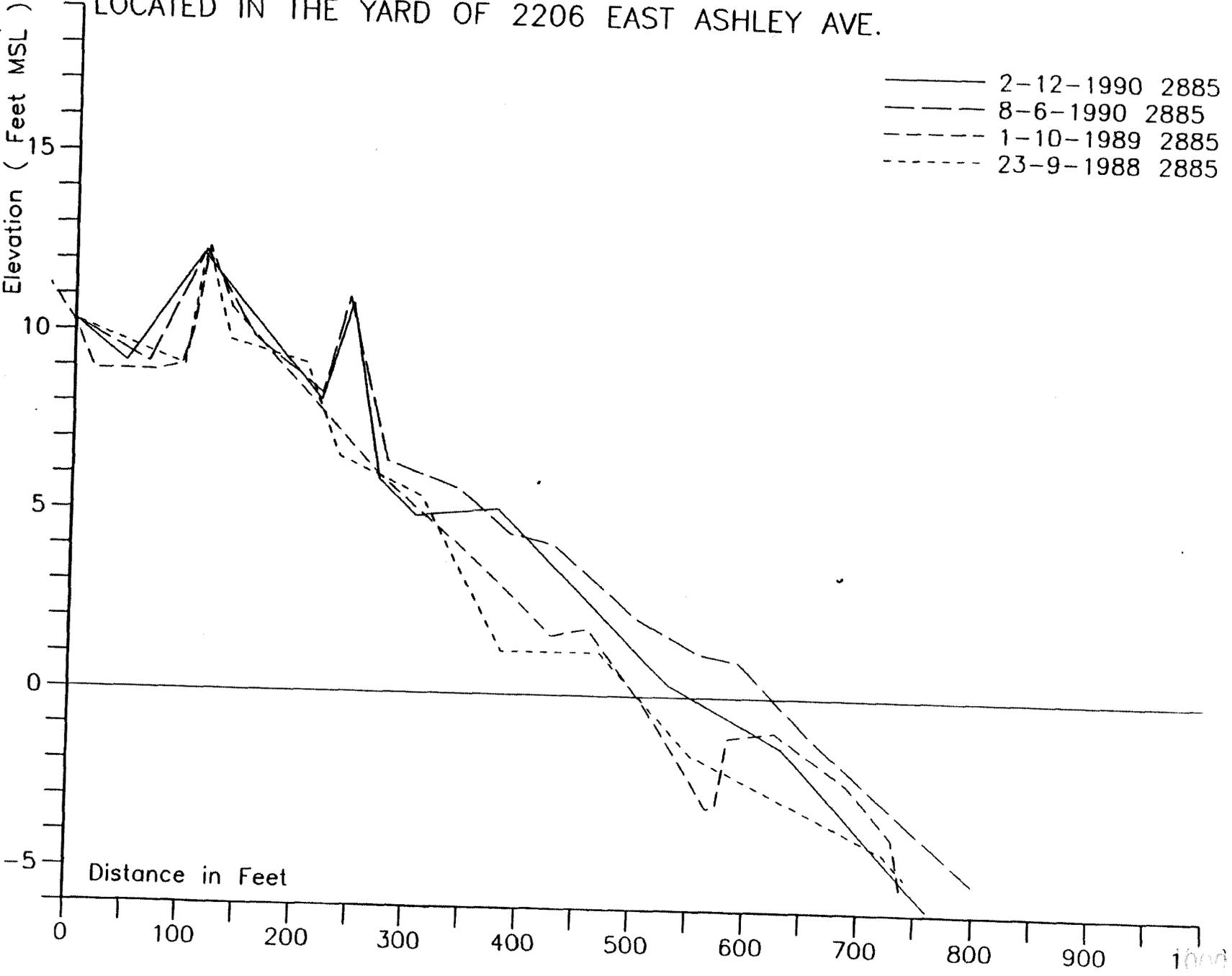
2883 Folly Beach
LOCATED IN THE YARD OF 1692 EAST ASHLEY AVE.



2885 Folly Beach
LOCATED IN THE YARD OF 2206 EAST ASHLEY AVE.

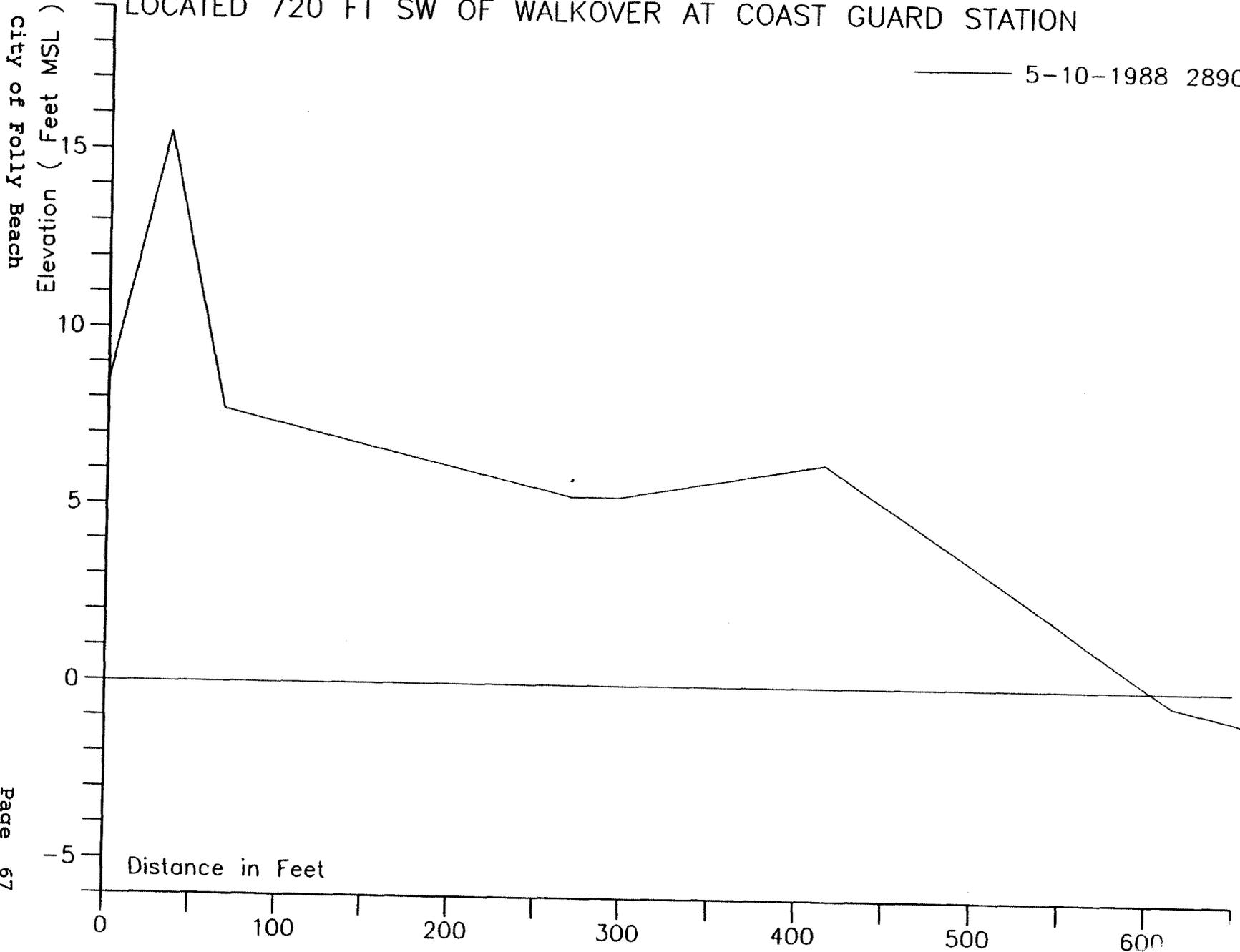
Elevation (Feet MSL)
city of Folly Beach

— 2-12-1990 2885
- - - 8-6-1990 2885
- - - 1-10-1989 2885
- - - 23-9-1988 2885

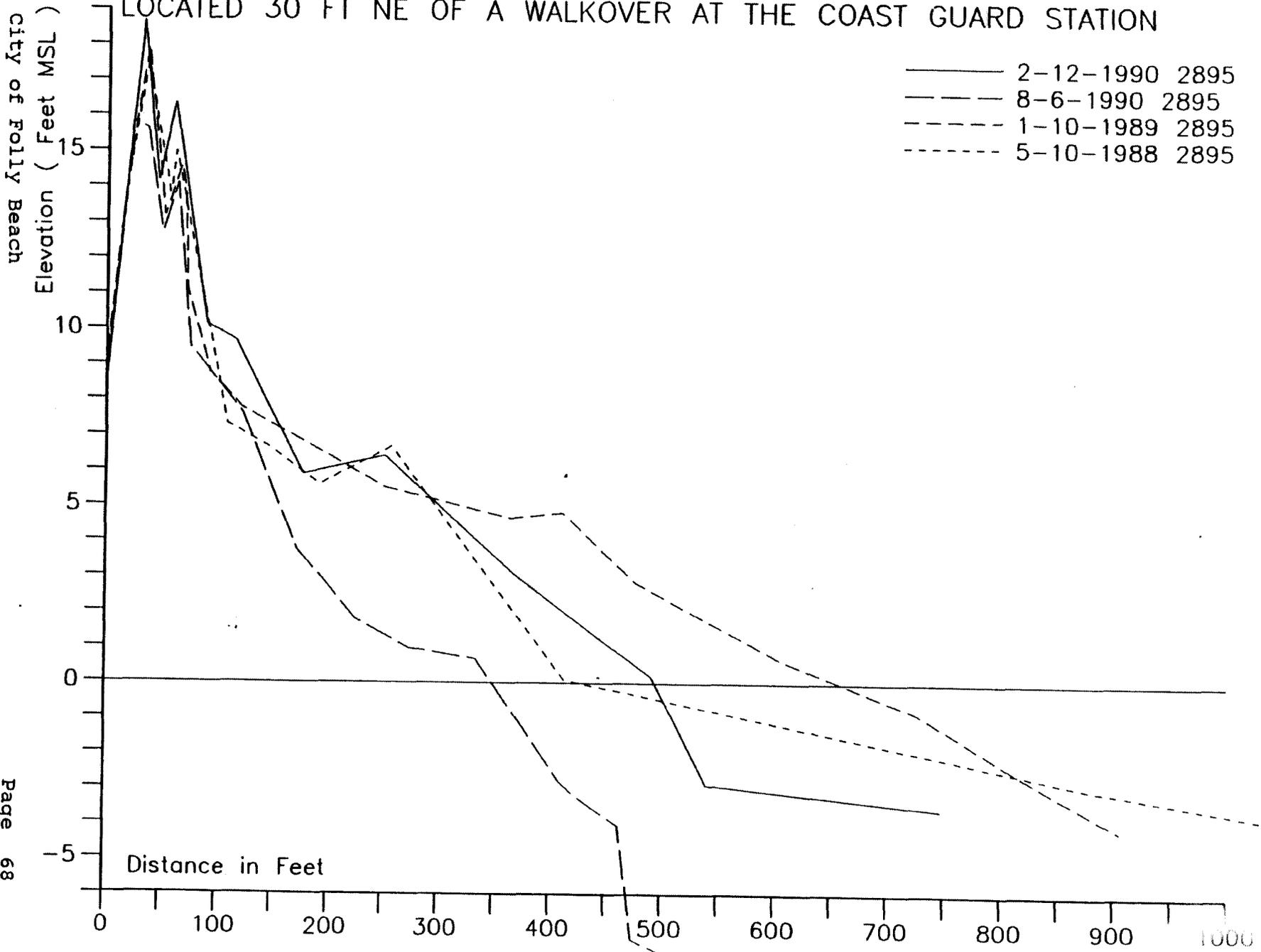


2890 Folly Beach
LOCATED 720 FT SW OF WALKOVER AT COAST GUARD STATION

5-10-1988 2890



2895 Folly Beach
LOCATED 30 FT NE OF A WALKOVER AT THE COAST GUARD STATION



APPENDIX B
LIGHTING ORDINANCE

BEACH LIGHTING ORDINANCE

AN ORDINANCE RELATING TO THE PROTECTION OF SEA TURTLES CREATING A NEW SECTION OF THE CODE OF ORDINANCES FOR CITY OF FOLLY BEACH, RESTRICTING OUTDOOR LIGHTING IN BEACH AREAS NAMED HEREIN; PROVIDING FOR ENFORCEMENT, PENALTY AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Folly Beach beaches serve as nesting habitat for sea turtles; and

WHEREAS, coastal development threatens the survival of turtle hatchlings because the artificial light causes disorientation in young hatchlings; and

WHEREAS, the sea turtle is an essential member of the food chain and has been identified as a threatened and endangered species; and

WHEREAS, the protection of sea turtle hatchlings is of significant public interest; and

WHEREAS, this Ordinance is necessary to protect the natural reproductive cycle of the sea turtle during the nesting and hatching season which runs from May 1, through October 31, of each year.

NOW, THEREFORE, BE IT ORDAINED BY THE Council of the City of Folly Beach, that:

SECTION 1. A section of the Code of Ordinances for the City of Folly Beach, is hereby created to read as follows:

SECTION 1. Definitions. For the purpose of the Ordinance, the following terms shall have the meaning set forth in this Section:

A. Artificial Light: Any source of light emanating from a manmade device, including but not limited to, incandescent mercury vapor, metal halide, or sodium lamps, flashlights, spotlights, street lights, vehicular lights, construction or security lights.

B. Beach: That area of unconsolidated material that extends landward from the mean low water line to the place where there is a marked change in material or physiographic form, or to the line of permanent vegetation (usually the effective limit of storm waves).

C. Floodlight: Reflector type light fixture which is attached directly to a building and which is unshielded.

D. Low Profile Luminaire: Light fixture set on a base which raises the source of the light no higher than forty-eight (48) inches off the ground, and designed in such a way that light is directed downward from a hooded light source.

E. New Development: Shall include new construction and remodeling of existing structures when such remodeling includes alteration of exterior lighting.

F. Person: Any individual, firm, association, joint venture, partnership, estate, trust, syndicate, fiduciary, corporation, group, or unit or Federal, State, County or municipal government.

G. Pole Lighting: Light fixture set on a base or pole which raises the source of the light higher than forty-eight (48) inches off the ground.

H. Solar Screen: Screens which are fixed installations and permanently project shade over the entire glass area of the window. The screens must be installed outside of the glass and must:

1. Have a shading coefficient of .45 or less, and
2. Carry a minimum five year warranty, and
3. Must have performance claims supported by approved testing procedures and documentation.

I. Tinted or Filmed Glass: Window glass which has been covered with window tint or film such that the material has:

1. A shading coefficient of .45 or less, and
2. A minimum five year warranty, and
3. Adhesive as an integral part, and
4. Performance claims which are supported by approved testing procedures and documentation.

J. Shading Coefficient: A coefficient expressing that percentage of the incident radiation which passes through the window as heat.

SECTION 2. Purpose. The purpose of this Ordinance is to protect the threatened and endangered sea turtles which nest along the beaches of the City of Folly Beach, by safeguarding the hatchlings from sources of artificial light.

SECTION 3. New Development. It is the policy of the City of Folly Beach that no artificial light illuminate any area of the beaches of the City of Folly Beach. To meet this intent, building and electrical plans for construction of single family or multi-family dwellings, commercial or other structures including electrical plans associated with parking lots, dune walkovers or other outdoor lighting for real property if lighting associated with such construction or development can be seen from the beach, shall be in compliance with the following:

A. Floodlights shall be prohibited. Wall mounted light fixtures shall be fitted with hoods so that no light illuminates the beach.

B. Pole lighting shall be shielded in such a way that light will be contained within an arc of three (3) to seventy-three (73) degrees on the seaward side of the pole. Outdoor lighting shall be held to the minimum necessary for security and convenience and shall be low pressure sodium only unless otherwise approved by the City of Folly Beach.

C. Low profile luminaries shall be used in parking lots and such lighting shall be positioned so that no light illuminates the beach.

D. Dune crosswalks shall utilize low profile shielded luminaries.

E. Lights on balconies shall be fitted with hoods so that lights will not illuminate the beach.

F. Tinted or filmed glass shall be used in windows facing the ocean above the first floor of multi-story structures. Shade screens can be substituted for this requirement.

G. Temporary security lights at construction sites shall not be mounted more than fifteen (15) feet above the ground. Illumination from the lights shall not spread beyond the boundary of the property being developed, and in no case shall those lights illuminate the beach.

SECTION 4. Exemptions for New Development. The provisions of Section 3 of this Ordinance shall not apply to any structure for which a building permit has been issued by the City of Folly Beach County Building Official, prior to the effective date of this Ordinance.

SECTION 5. Existing Development. It is the policy of the City of Folly Beach that no artificial light illuminate any area of the beaches of the City of Folly Beach, South Carolina. To meet this intent, lighting of existing structures which can be seen from the beach shall be in compliance with the following within six (6) months of the effective date of this ordinance.

A. Lights illuminating buildings or associated grounds for decorative or recreational purposes shall be shielded or screened such that they are not visible from the beach, or turned off after 10:00 p.m. during the period of May 1, to October 31, of each year.

B. Lights illuminating dune crosswalks of any areas oceanward of the dune line shall be turned off after 10:00 p.m. during the period of May 1, to October 31, of each year.

C. Security lighting shall be permitted throughout the night so long as low profile luminaries are used and screened in such a way that those lights do not illuminate the beach.

D. Window treatments in windows facing the ocean above the first floor of multi-story structures are required so that interior lights do not illuminate the beach. The use of black-out draperies or shade screens are preferred. The addition of tint or film to windows or awnings is also encouraged, as is turning off unnecessary lights if the light illuminates the beach.

SECTION 6. Publicly Owned Lighting. Street lights and lighting at parks and other publicly owned beach access areas shall be subject to the following:

A. Whenever possible, street lights shall be located so that the bulk of their illumination will travel away from the beach. These lights shall be equipped with shades or shields that will prevent backlighting and render them not visible from the beach.

B. Lights at parks or other public beach access points shall be shielded or shaded or shall not be utilized during the period May 1, to October 31, of each year.

SECTION 7. Enforcement and Penalty. This Ordinance shall be enforced in accordance with the provisions of Article _____, Chapter _____ of the Code Enforcement Board, with the penalties set forth in Section _____ of the Code.

SECTION 8. Effective Date: This Ordinance shall take effect pursuant to law.

DONE AND ADOPTED in Regular Session, this _____ day of _____, 1991.

ATTEST:

CITY COUNCIL
CITY OF FOLLY BEACH

APPENDIX C
OVERLAY SERIES #1

City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

	BUILDING
	REVTMENT
	SEAWALL
	GRASS
1561	STREET NUMBER
	TAX MAP PARCEL
TAB 280-10-0	TAX MAP NUMBER
	TAX MAP BOUNDARY
	SOCC MONUMENT
	SURVEYED REGISTRATION MARK
	SOCC BASELINE
	APPROXIMATE MEAN HIGH WATER

ENGINE AND SOUTH CAROLINA COUNTY
ENGINE, REGISTERED PROFESSIONAL ENGINEER
JULY 1, 1968 BY
SOUTH CAROLINA
SOUTH CAROLINA
SOUTH CAROLINA
SOUTH CAROLINA

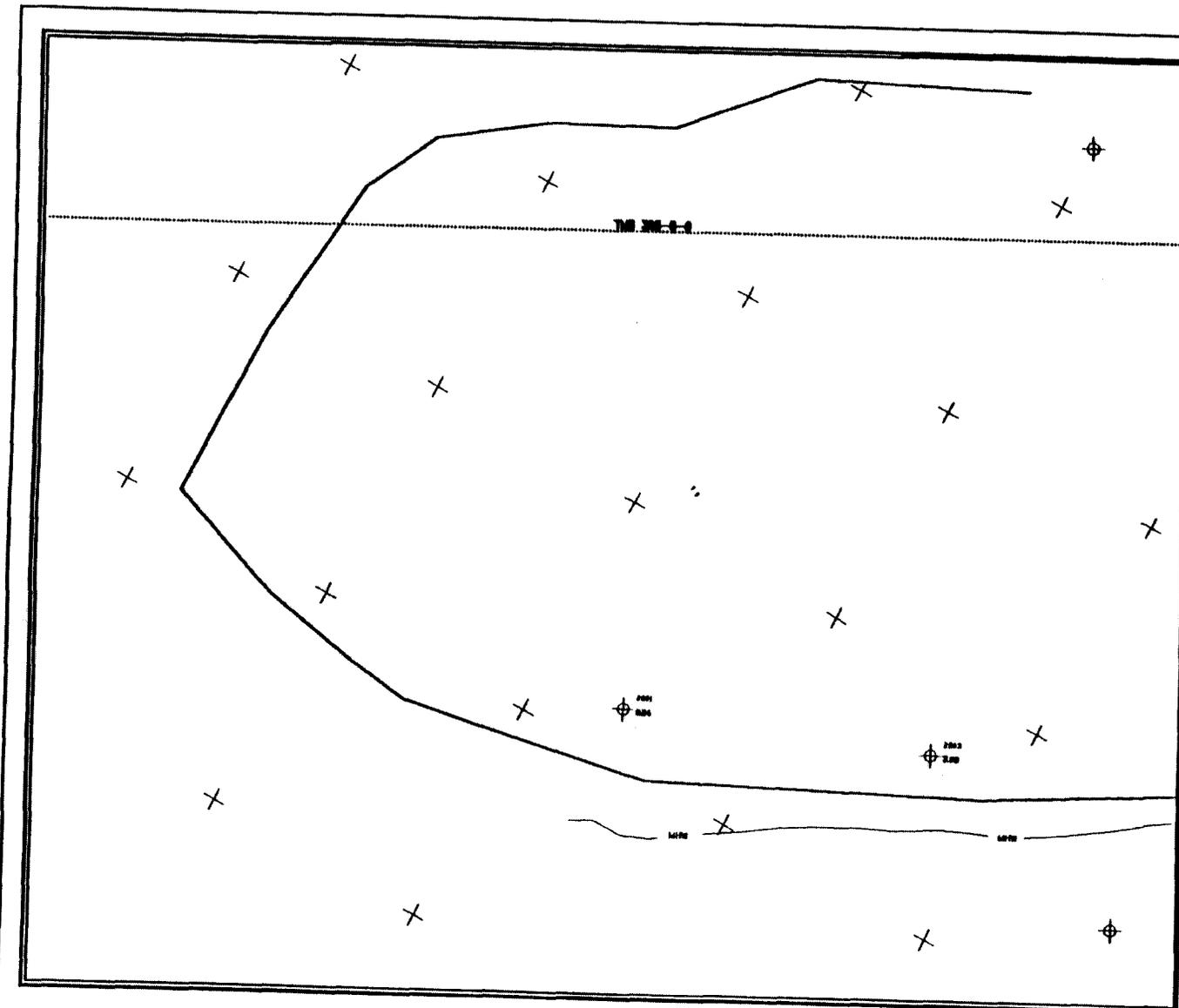
DATE MARKS SET TO DATE OF PLAN
SHEET, SHEET, SHEET, SHEET

MAP WAS MADE BY GROUP OF
ENGINEERS, APRIL, 1968.

OVERLAY SERIES #1

STRUCTURAL INVENTORY

SHEETS 127 THROUGH 131



EDGE & ASSOCIATES, INC.

79 SANDH STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401

(803) 730-4004

Graphic Scale: 1" = 100'

Old System based on South Carolina
State Plane Coordinate System, South
Zone, (International Feet), 1983
North American Datum.



City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

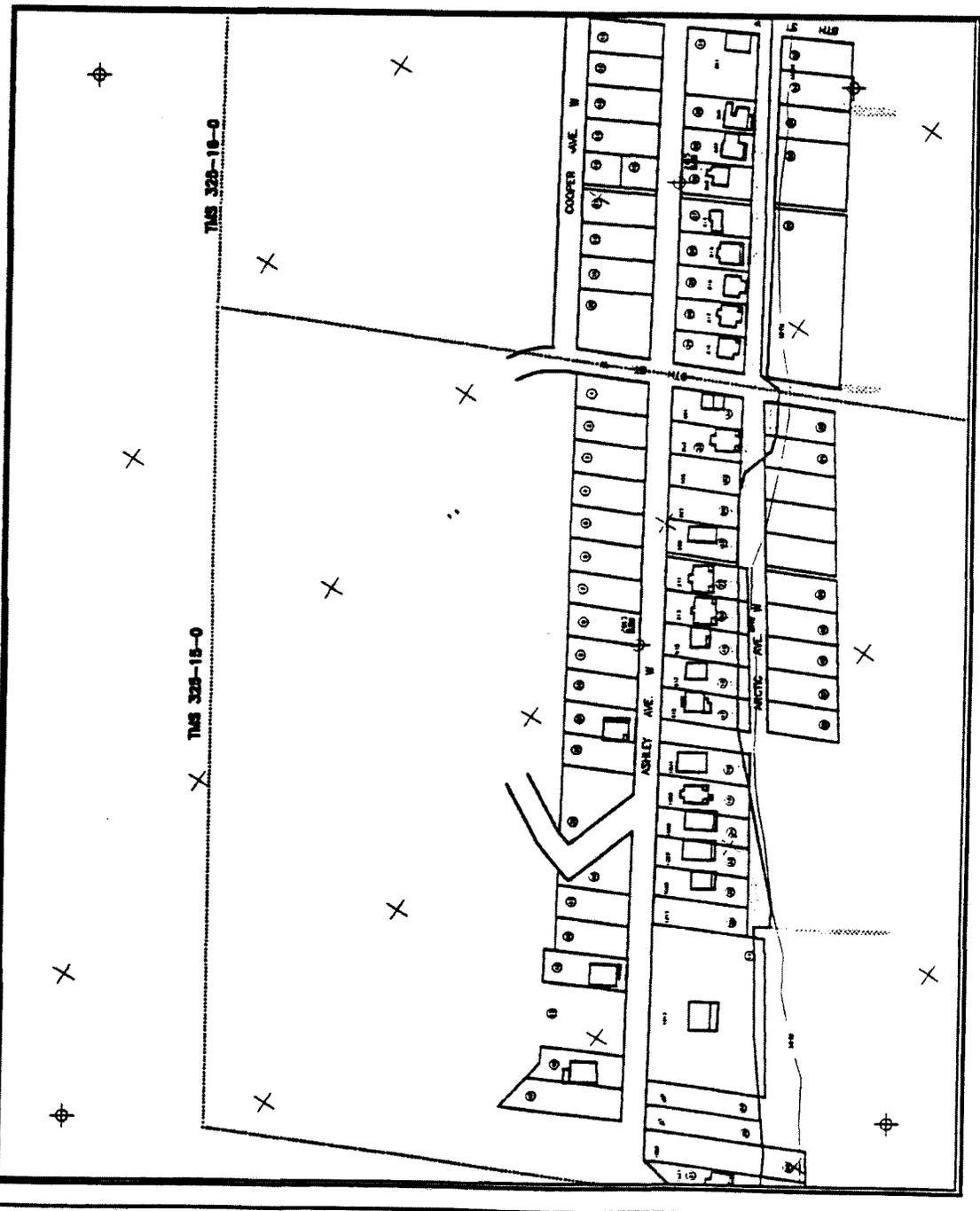
	BUILDING
	FENCE
	DRIVEWAY
	TREE
1841	STREET NUMBER
	TAX MAP PARCEL
	TAX MAP NUMBER
	TAX MAP BOUNDARY
	SECC MONUMENT
	OUTLINED REGISTRATION MARKS
	SECC EASEMENT
	APPROACH MARK
	HIGH WATER

DESIGNED FOR SOUTH CAROLINA COUNTY ENGINEERING BOARD AND ARCHITECTURAL BOARD
 DATE: 11/15/01
 DRAWN BY: J. W. WILSON
 CHECKED BY: J. W. WILSON
 SCALE: 1" = 100'
 DATE: 11/15/01
 PROJECT: BEACH MANAGEMENT PLAN
 SHEET: 127 THROUGH 128
 DRAWING NO. 127

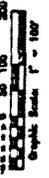
OVERLAY SERIES #1
 STRUCTURAL INVENTORY
 SHEETS 127 THROUGH 128

MAY 31, 1991

SHEET 170



Map based on South Carolina
 State Plane Coordinate System, South
 North American Datum, 1983



EDGE & ASSOCIATES, INC.

70 LAMAR STREET
 THIRD FLOOR
 CHARLESTON, SOUTH CAROLINA 29401 (803) 753-4000

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



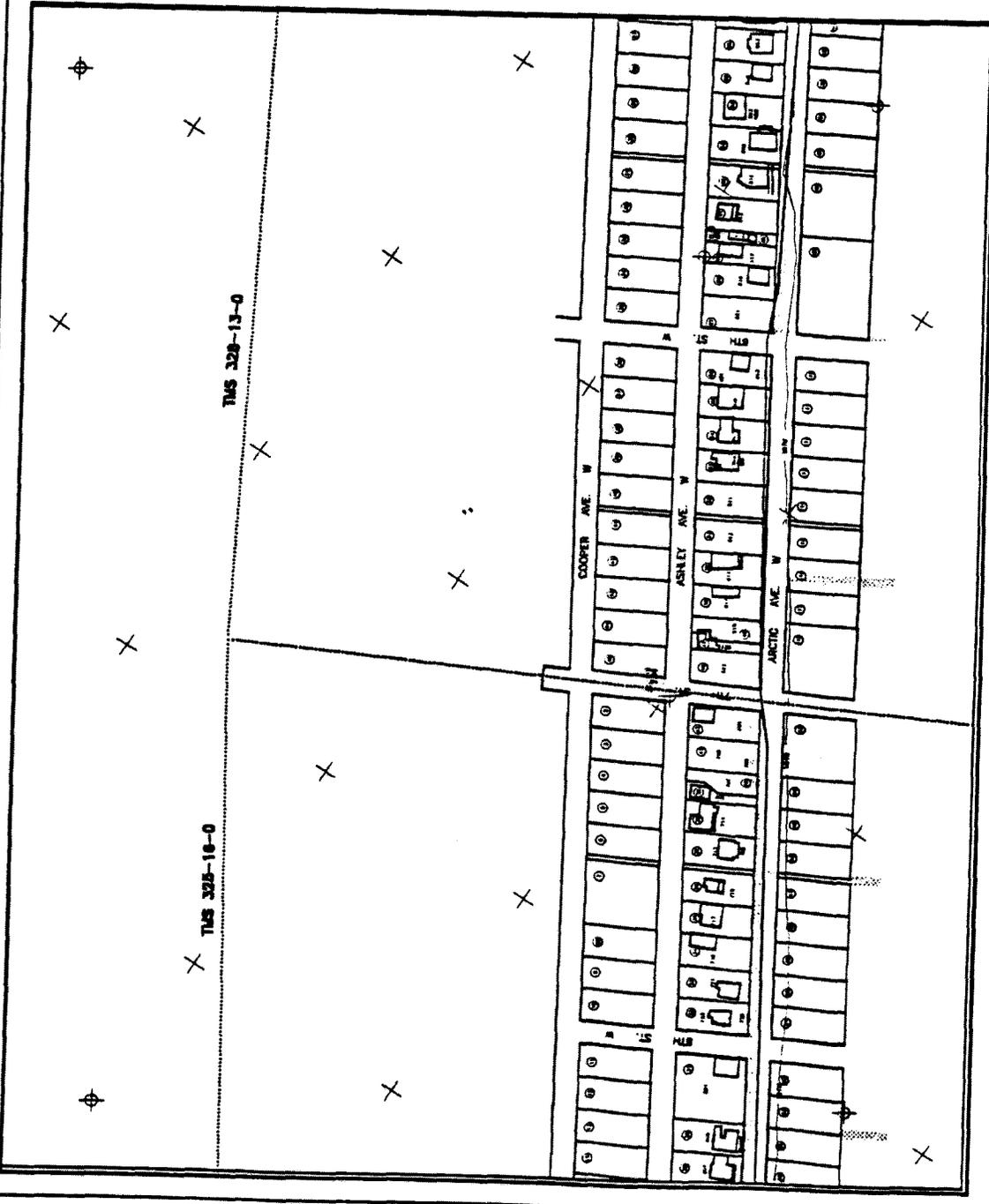
BEACH MANAGEMENT PLAN

LEGEND

	BUILDING		FENCE
	PAVEMENT		SMALL
	GRASS		STREET NUMBER
	TAX MAP PARCEL		TAX MAP MARKER
	TAX MAP BOUNDARY		SUCC. MONUMENT
	DEMOLITION MARK		RECREATION MARK
	SUCC. BASELINE		APPROXIMATE MEAN HIGH WATER

21.5'
 15.0'
 10.0'
 5.0'
 0.0'

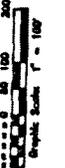
1. ALL DISTANCES ARE TO CENTER OF ROAD UNLESS OTHERWISE NOTED.
 2. ALL DISTANCES ARE TO CENTER OF ROAD UNLESS OTHERWISE NOTED.
 3. ALL DISTANCES ARE TO CENTER OF ROAD UNLESS OTHERWISE NOTED.
 4. ALL DISTANCES ARE TO CENTER OF ROAD UNLESS OTHERWISE NOTED.
 5. ALL DISTANCES ARE TO CENTER OF ROAD UNLESS OTHERWISE NOTED.



OVERLAY SERIES #1
STRUCTURAL INVENTORY
SHEETS 127 THROUGH 141



244 Notes based on South Carolina
 S&A Plans Commission Order, June
 1988 (Revised 7-27-1988)
 South Carolina State



EDGE & ASSOCIATES, INC.

70 ASPEN STREET
 THIRD FLOOR
 CHARLESTON SOUTH CAROLINA 29401

(843) 735-4000

City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

	BUILDING
	REVERMENT
	SEAWALL
	DITCH
1361	STREET NUMBER
	TAX MAP PARCEL
TMS 328-13-0	TAX MAP NUMBER
	TAX MAP BOUNDARY
	2012 S.C.C.C. MONUMENT
	ORTHO PHOTO REGISTRATION MARKS
	S.C.C.C. BASELINE
	APPROXIMATE MEAN HIGH WATER

OVERLAY FOR SOUTH CAROLINA COASTAL ZONING ACT OF 1972, AS AMENDED BY ACT 1, 1987, BY ACT 1, 1991, BY ACT 1, 1993, BY ACT 1, 1995, BY ACT 1, 1997, BY ACT 1, 1999, BY ACT 1, 2001, BY ACT 1, 2003, BY ACT 1, 2005, BY ACT 1, 2007, BY ACT 1, 2009, BY ACT 1, 2011, BY ACT 1, 2013, BY ACT 1, 2015, BY ACT 1, 2017, BY ACT 1, 2019, BY ACT 1, 2021, BY ACT 1, 2023.

2012 MONUMENTS TO THE SOUTH CAROLINA COASTAL ZONING ACT OF 1972, AS AMENDED BY ACT 1, 1987, BY ACT 1, 1991, BY ACT 1, 1993, BY ACT 1, 1995, BY ACT 1, 1997, BY ACT 1, 1999, BY ACT 1, 2001, BY ACT 1, 2003, BY ACT 1, 2005, BY ACT 1, 2007, BY ACT 1, 2009, BY ACT 1, 2011, BY ACT 1, 2013, BY ACT 1, 2015, BY ACT 1, 2017, BY ACT 1, 2019, BY ACT 1, 2021, BY ACT 1, 2023.

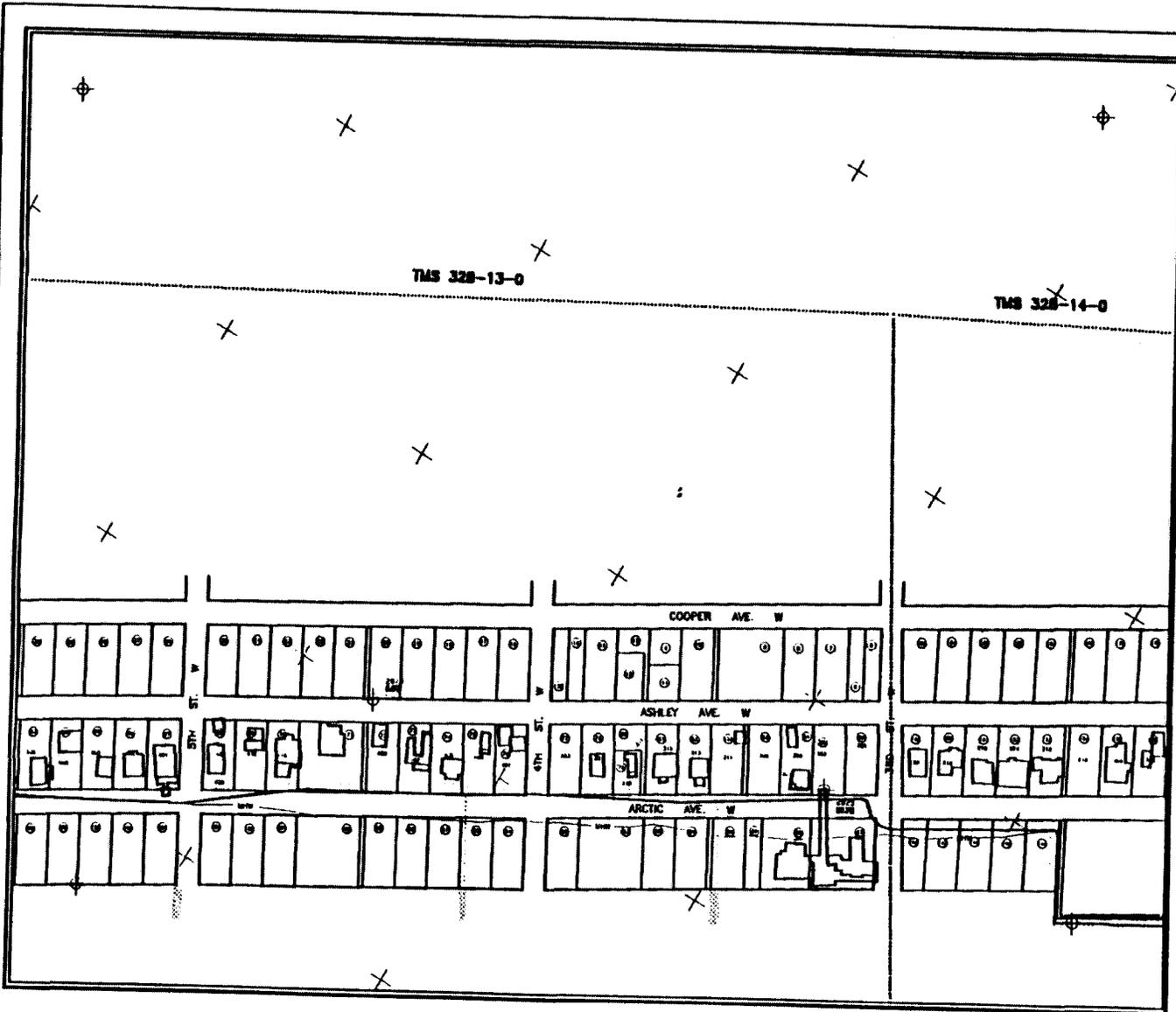
MEAN HIGH WATER DETERMINED BY SURVEY OF NOVEMBER 1987.

OVERLAY SERIES #1

STRUCTURAL INVENTORY

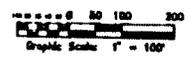
SHEETS 127 THROUGH 141

MAY 31, 2023



EDGE & ASSOCIATES, INC.

75 ANSON STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401 (843) 728-4004



Grid System based on South Carolina State Plane Coordinate System, South Zone, (International Foot) 1983 North American Datum



City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

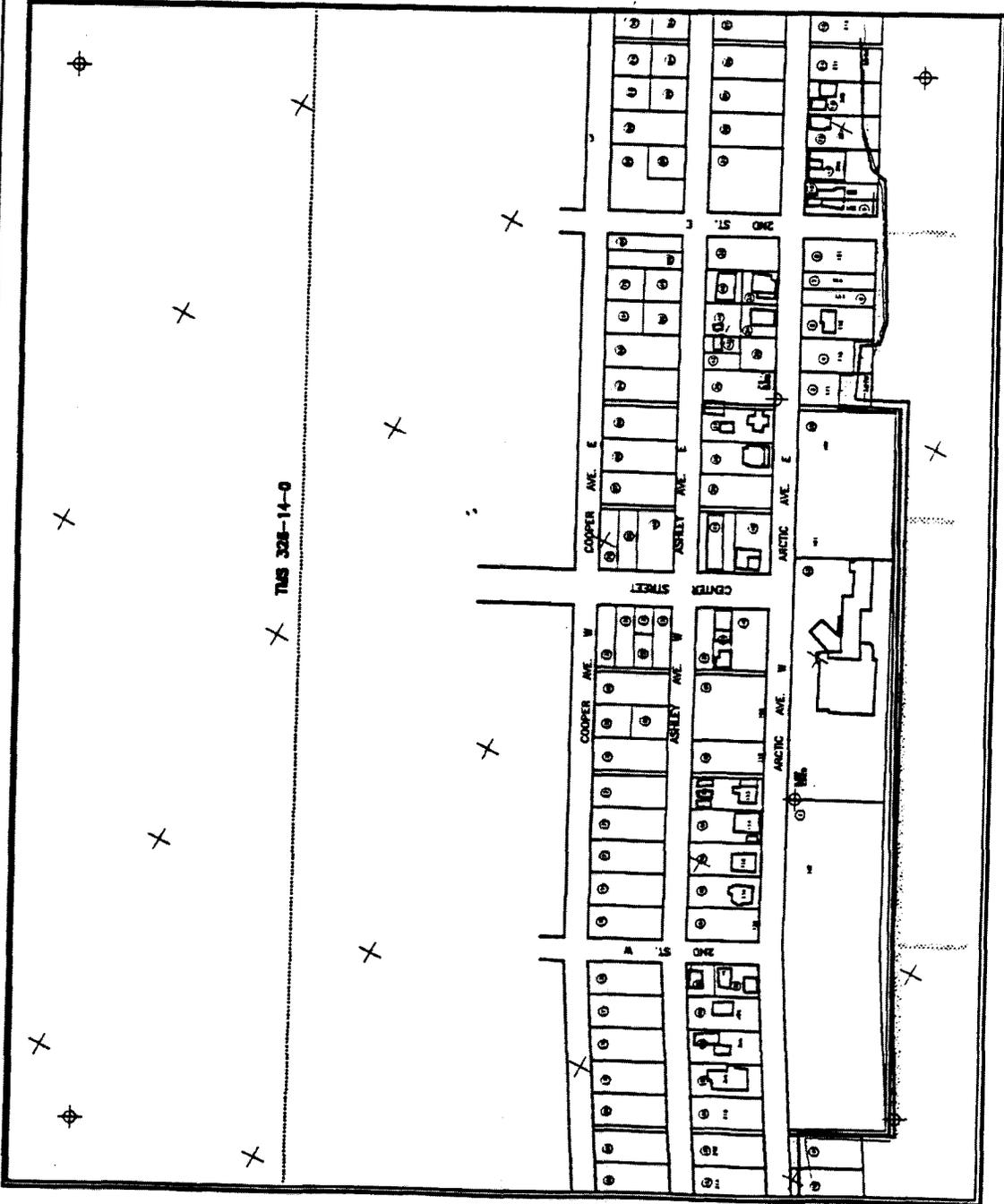
LEGEND

	BUILDING
	RECTANGLE
	SMALL
	CRON
	STREET MARKER
	TAX MAP PARCEL
	TAX MAP NUMBER
	TAX MAP BOUNDARY
	SCCC MONUMENT
	ORTHOGONAL REGISTRATION MARKS
	SCCC BOUNDARY
	APPROXIMATE MEAN HIGH WATER

OVERLAY FOR SOUTH CAROLINA COUNTY
PLANNING, ZONING, AND DEVELOPMENT
DEPARTMENT
1000 W. BROAD ST.
CHARLESTON, SOUTH CAROLINA 29403
(803) 792-4844

OVERLAY SERIES #1
STRUCTURAL INVENTORY
SHEETS 127 THROUGH 141

MAY 81 (ACT)



Old symbols based on South Carolina
State Planning Commission Survey
Map, (Revised 7-27-74) 1483
North American Datum



EDGE & ASSOCIATES, INC.

725 AMERICAN STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401 (803) 792-4844

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

	BUILDING
	PAVEMENT
	GRASS
	STREET NUMBER
	TAX MAP PARCEL
	TAX MAP MARKER
	TAX MAP BOUNDARY
	SCALE MARKER
	DEMARCATION REGISTRATION MARKS
	SCALE BAR/200 FEET
	APPROXIMATE MEAN HIGH WATER

215
 1276

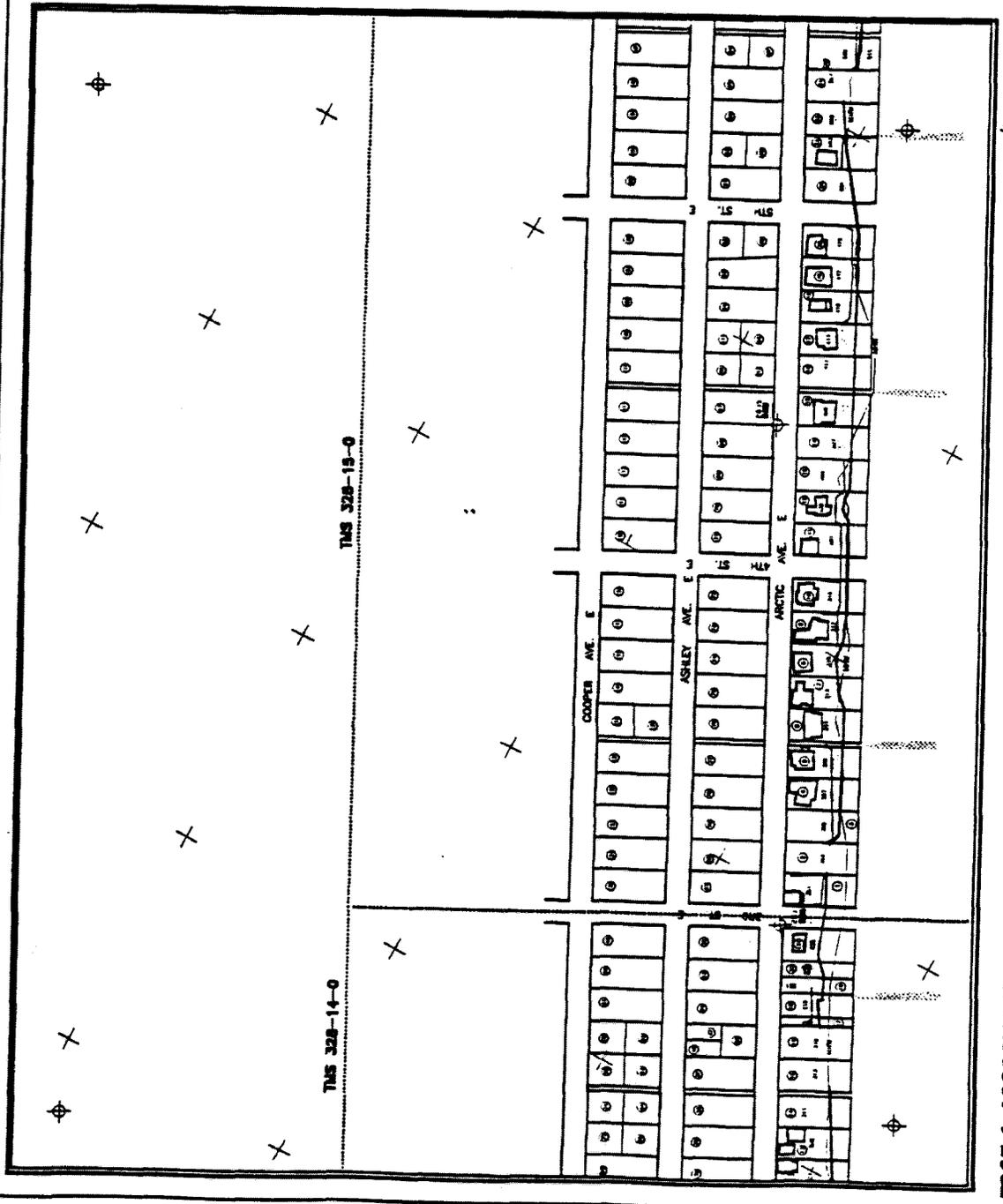
TMS 328-14-0
 TMS 328-15-0

0 50 100 200
 Graphic Scale 1" = 100'
 North Arrow

THIS PLAN FOR JOLLY BEACH, CHARLESTON COUNTY, SOUTH CAROLINA, IS A BEACH MANAGEMENT PLAN. IT IS A PART OF THE BEACH MANAGEMENT PLAN FOR JOLLY BEACH, CHARLESTON COUNTY, SOUTH CAROLINA, AND IS SUBJECT TO THE BEACH MANAGEMENT PLAN FOR JOLLY BEACH, CHARLESTON COUNTY, SOUTH CAROLINA, AND IS SUBJECT TO THE BEACH MANAGEMENT PLAN FOR JOLLY BEACH, CHARLESTON COUNTY, SOUTH CAROLINA.

OVERLAY SERIES #1
 STRUCTURAL INVENTORY
 SHEETS 127 THROUGH 141

MAY 11 2001



041 Station located at South Carolina
 State Plane Coordinate System
 North American Datum 1983
 North Arrow

0 50 100 200
 Graphic Scale 1" = 100'
 North Arrow

EDGE & ASSOCIATES, INC.
 75 ANSON STREET
 THIRD FLOOR
 CHARLESTON, SOUTH CAROLINA 29401
 (803) 726-4004

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

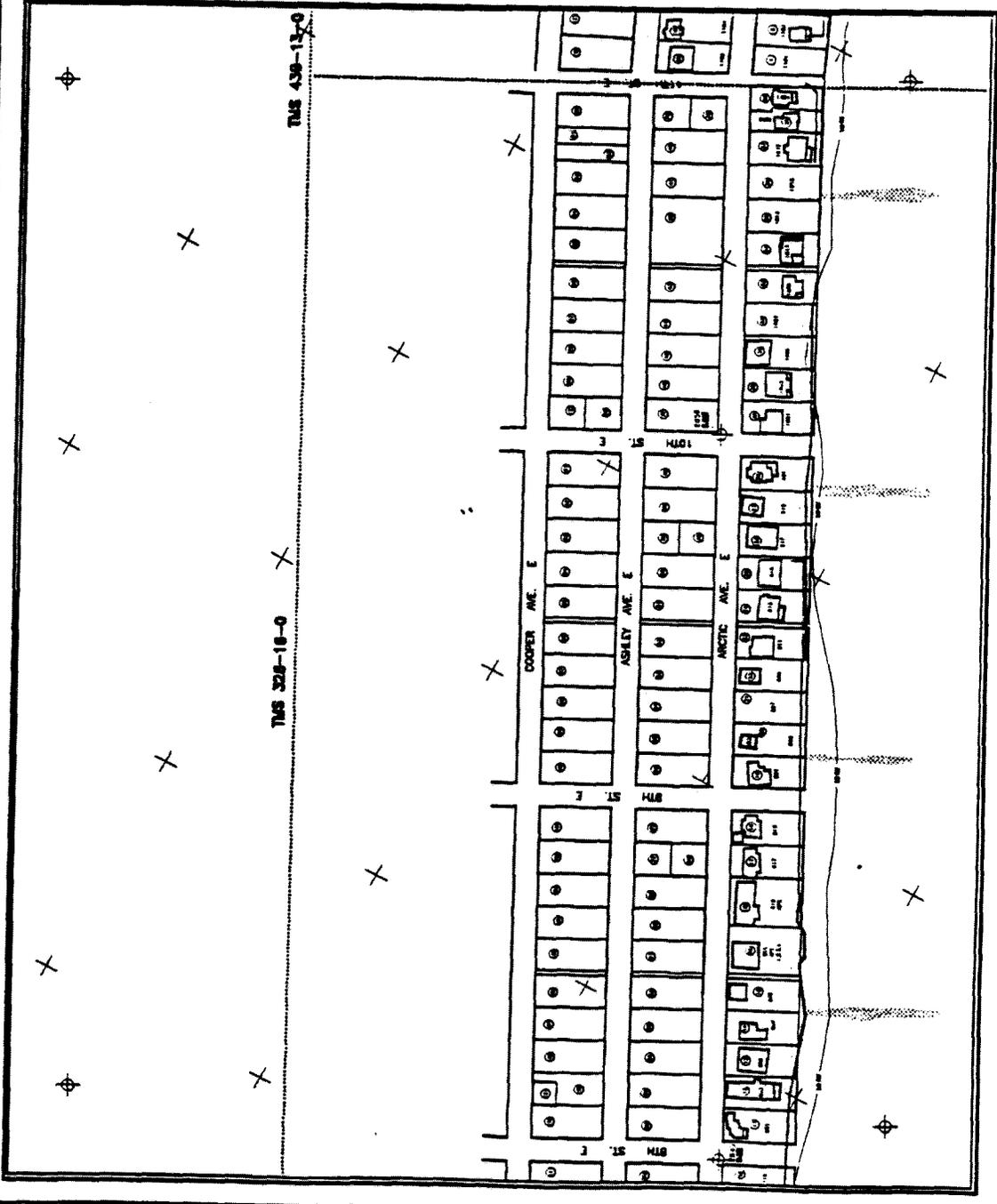
LEGEND

- BUILDING
- RECREATION
- SMALL
- DRAIN
- STREET MARKER
- TAX MAP PARCEL
- TAX MAP NUMBER
- TAX MAP BOUNDARY
- ROCK MONUMENT
- CIRCUMSCRIBED RECREATION MONUMENT
- ROCK MARKER
- APPROXIMATE MEAN HIGH WATER

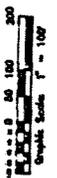
NORTH
 SCALE: 1" = 100'
 DATUM: NAD 83
 PROJECTION: UTM
 ZONE: 18N
 DATUM: NAD 83
 PROJECTION: UTM
 ZONE: 18N

THIS PLAN IS A BEACH MANAGEMENT PLAN
 AND IS NOT TO BE USED FOR ANY OTHER
 PURPOSES. THE CITY OF JOLLY BEACH
 IS NOT RESPONSIBLE FOR ANY DAMAGE
 TO PERSONS OR PROPERTY CAUSED BY
 THE USE OF THIS PLAN.

OVERLAY SERIES #1
 STRUCTURAL INVENTORY
 SHEETS 127 THROUGH 141



This plan is based on South Carolina
 State Plane Coordinate System, Zone
 18N, North American Datum of 1983.



EDGE & ASSOCIATES, INC.
 1700 ARDEN STREET
 FLOOR 1400
 CHARLESTON, SOUTH CAROLINA 29405

(803) 782-2000

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



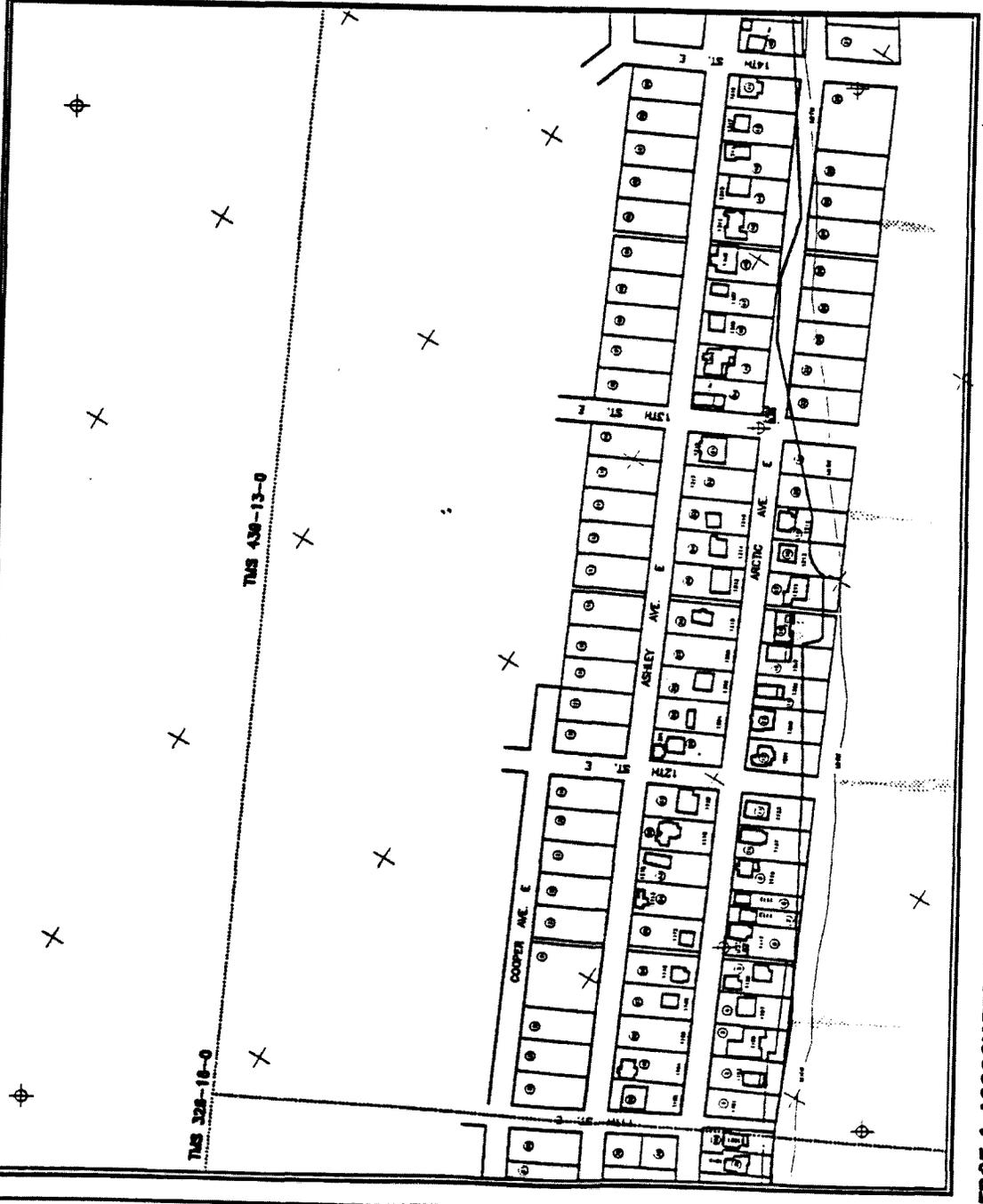
BEACH MANAGEMENT PLAN

LEGEND

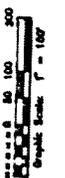
- BUILDING
- RECTANGLE
- SQUARE
- CIRCLE
- TRIANGLE
- HEXAGON
- STAR
- STREET NUMBER
- TAX MAP PARCEL
- TAX MAP MAPPED
- TAX MAP BOUNDARY
- SOCC MONUMENT
- ORTHOPHOTO RECREATION MARKS
- SOCC BOUNDARY
- APPROXIMATE MEAN HIGH WATER

OVERLAY FOR SOUTH CAROLINA COUNTY
PROPERTY TAX MAPS, INCLUDING BEACH
FRONTAGE, IS A PUBLIC RECORD.
FOR A LIST OF TAX MAPS, SEE
THE BEACH FRONTAGE TAX MAPS
FOR THE CITY OF JOLLY BEACH.
BASE MAPS ARE TO BE USED FOR
LOCAL CONTROL. THESE MAPS
DO NOT SUPERSEDE THE CITY OF
JOLLY BEACH TAX MAPS.

OVERLAY SERIES #1
STRUCTURAL INVENTORY
SHEETS 127 THROUGH 141



Old building located in South Carolina
State Tax Records are available from
Beach, Jacksonville, and Jolly Beach
North American District.



EDGE & ASSOCIATES, INC.

10 AMERICAN STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401 (803) 732-4994

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

	EASEMENT
	FENCE LINE
	WELL
	CREEK
	STREET MARKER
	1/4 MAP PARCEL
	1/2 MAP PARCEL
	3/4 MAP PARCEL
	1/8 MAP BOUNDARY
	3000 MONUMENT
	6000 MONUMENT
	12000 MONUMENT
	24000 MONUMENT
	48000 MONUMENT
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City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

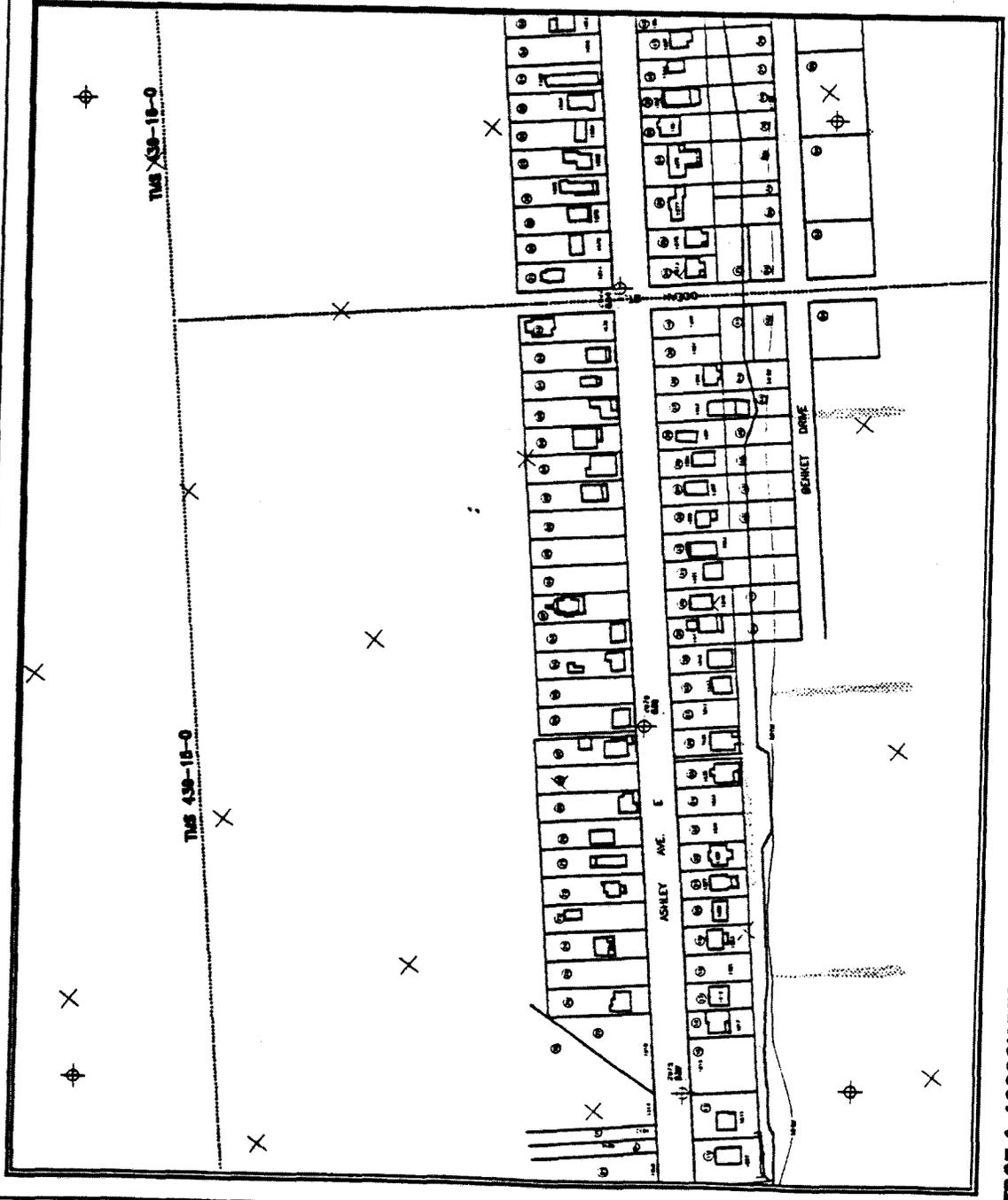
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	GRASS		TAX MAP BOUNDARY
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	2000 SODDIMENT		RECREATION MARKS
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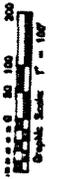
NOTES: THIS BEACH MANAGEMENT PLAN IS A SUPPLEMENT TO THE CITY OF HOLLY BEACH ZONING ORDINANCE. THE BEACH MANAGEMENT PLAN IS SUBJECT TO THE CITY OF HOLLY BEACH ZONING ORDINANCE. THE BEACH MANAGEMENT PLAN IS SUBJECT TO THE CITY OF HOLLY BEACH ZONING ORDINANCE. THE BEACH MANAGEMENT PLAN IS SUBJECT TO THE CITY OF HOLLY BEACH ZONING ORDINANCE.

OVERLAY SERIES #1
STRUCTURAL INVENTORY
SHEETS 127 THROUGH 141

MAY 11 1001



Old Index Based on Beach Damage Risk Assessment (1987-1988) and Beach Erosion Data.



EDGE & ASSOCIATES, INC.

70 ANSON STREET
THIRD FLOOR
CHARLESTON SOUTH CAROLINA 29401 (803) 733-6664

City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND	
	BUILDING
	RETIEMENT
	SEAWALL
	CROWN
1561	STREET NUMBER
	TAX MAP PARCEL
TMS 288-18-0	TAX MAP PARCEL
	TAX MAP BOUNDARY
	SOCC MONUMENT
	ORTHOPEIDIC REGISTRATION MARK
	SOCC BASELINE
	APPROXIMATE MEAN HIGH WATER

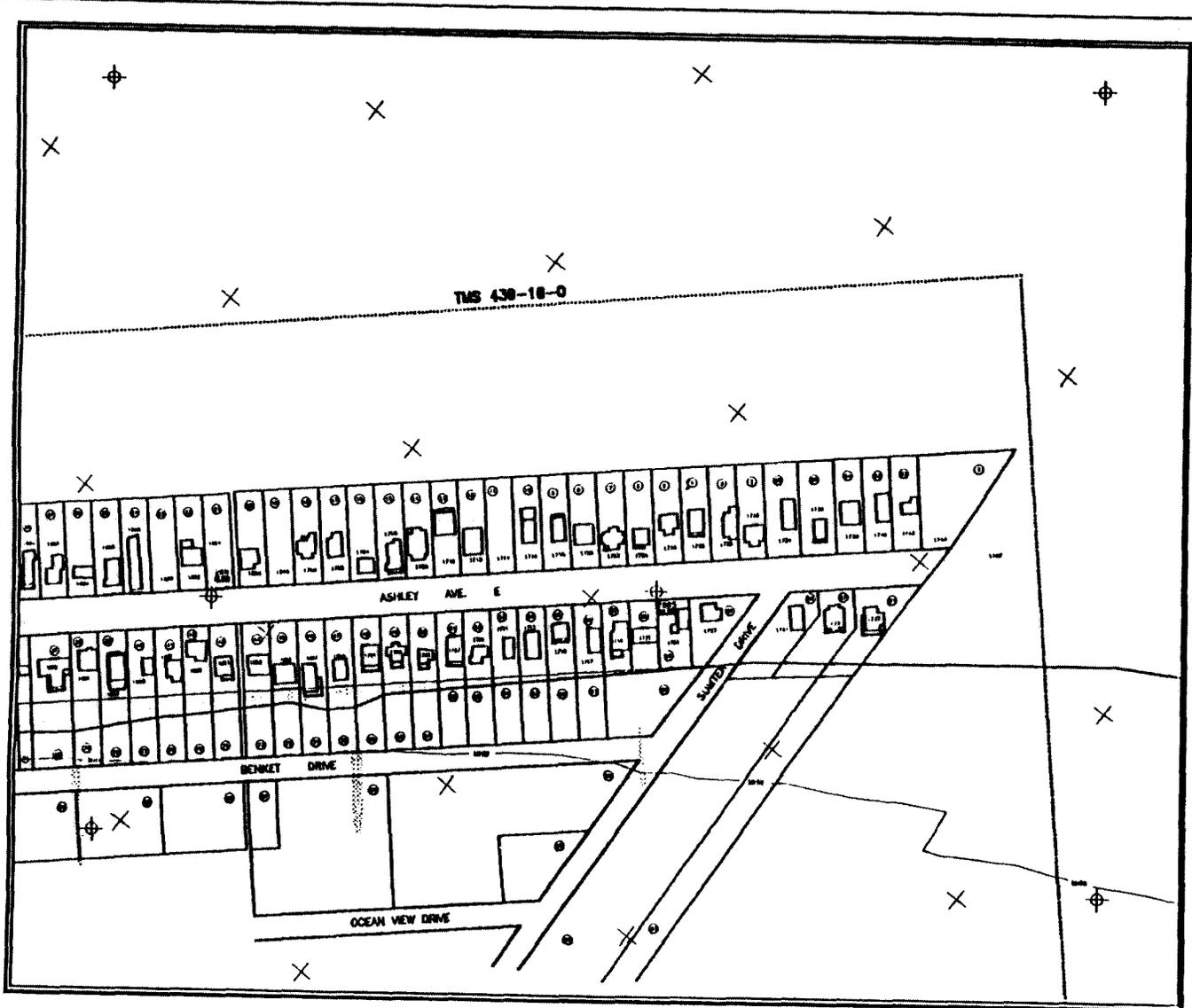
OVERLAY FOR SOUTH CAROLINA COUNTY
LOCAL GOVERNMENT COMMUNITY DEVELOPMENT
PROGRAM: BEACH MANAGEMENT PLAN
JULY 1, 1988
DRAWN: J. H. HARRIS
CHECKED: J. H. HARRIS
DATE: 07-15-88
BY: J. H. HARRIS

SEE PLANS FOR SOUTH CAROLINA COUNTY
LOCAL GOVERNMENT COMMUNITY DEVELOPMENT
PROGRAM: BEACH MANAGEMENT PLAN
JULY 1, 1988
DRAWN: J. H. HARRIS
CHECKED: J. H. HARRIS
DATE: 07-15-88
BY: J. H. HARRIS

SEE PLANS FOR SOUTH CAROLINA COUNTY
LOCAL GOVERNMENT COMMUNITY DEVELOPMENT
PROGRAM: BEACH MANAGEMENT PLAN
JULY 1, 1988
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CHECKED: J. H. HARRIS
DATE: 07-15-88
BY: J. H. HARRIS

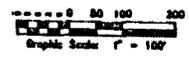
OVERLAY SERIES #1
STRUCTURAL INVENTORY
SHEETS 127 THROUGH 141

MAY 31 1988



EDGE & ASSOCIATES, INC.

70 ALDRICH STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401 (803) 732-4004



Grid System based on South Carolina
State Plane Coordinate System, South
Zone, (International Foot), 1983
North American Datum



City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



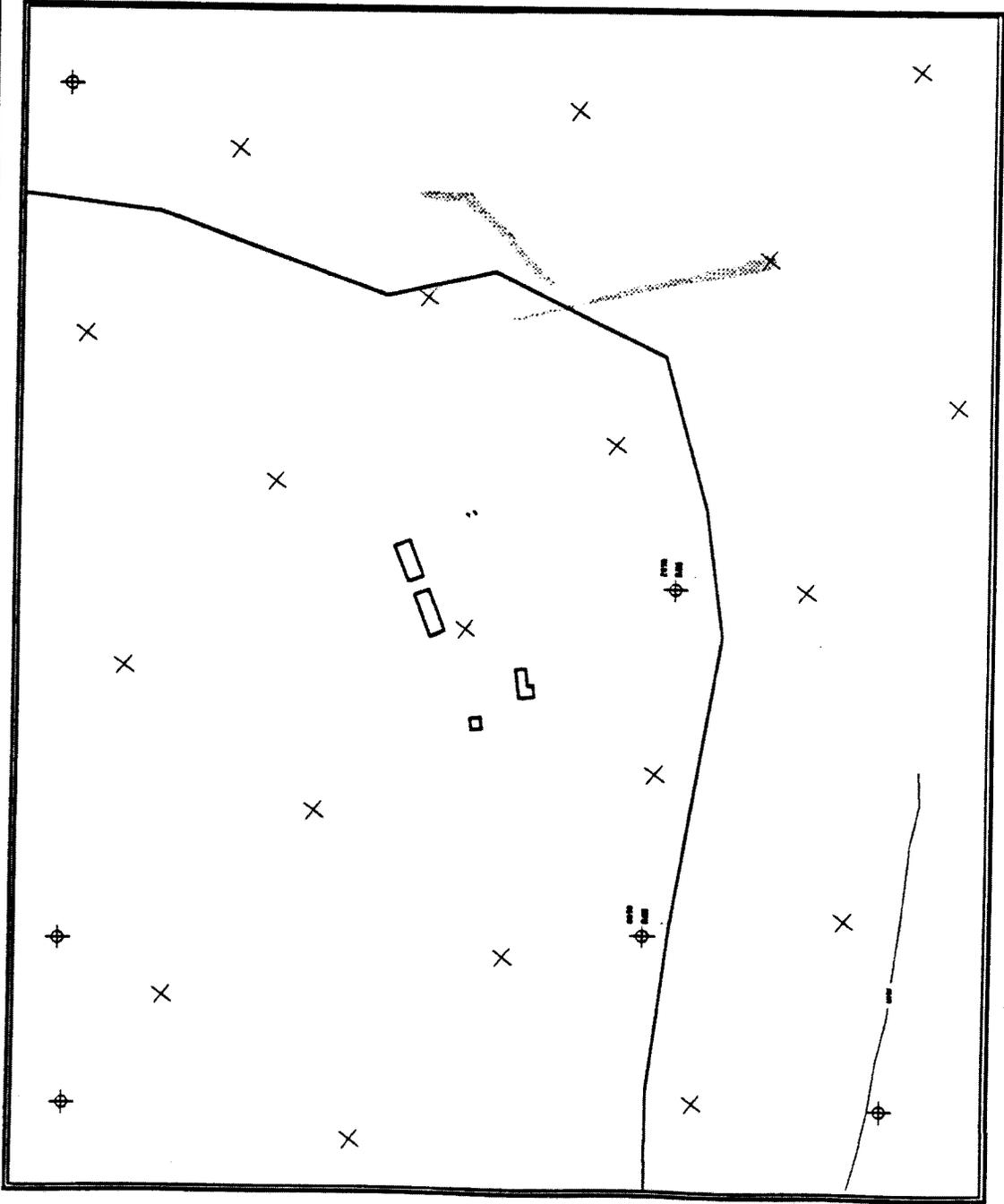
BEACH MANAGEMENT PLAN

LEGEND

	BUILDING
	RETENTION
	SEAWALL
	OPEN
	STREET MARKER
	TAX MAP PARCEL
	TAX MAP MARKER
	TAX MAP BOUNDARY
	SOCC MARKER
	PROPRIETARY RESTRICTION MARKER
	SOCC ENVELOPE
	APPROXIMATE MEAN HIGH WATER

NOTES:
1. ALL DISTANCES SHOWN ON THIS PLAN ARE APPROXIMATE.
2. ALL DISTANCES SHOWN ON THIS PLAN ARE BASED ON THE 1987 AERIAL PHOTOGRAPHY.
3. ALL DISTANCES SHOWN ON THIS PLAN ARE BASED ON THE 1987 AERIAL PHOTOGRAPHY.
4. ALL DISTANCES SHOWN ON THIS PLAN ARE BASED ON THE 1987 AERIAL PHOTOGRAPHY.
5. ALL DISTANCES SHOWN ON THIS PLAN ARE BASED ON THE 1987 AERIAL PHOTOGRAPHY.

OVERLAY SERIES #1
STRUCTURAL INVENTORY
SHEETS 127 THROUGH 141



Old Photos Used in South Carolina
State Archives
Date: 1987
Scale: 1" = 100'



EDGE & ASSOCIATES, INC.

10000 17TH STREET
CHARLESTON, SOUTH CAROLINA 29405
(803) 782-6666

APPENDIX D
OVERLAY SERIES #2

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA

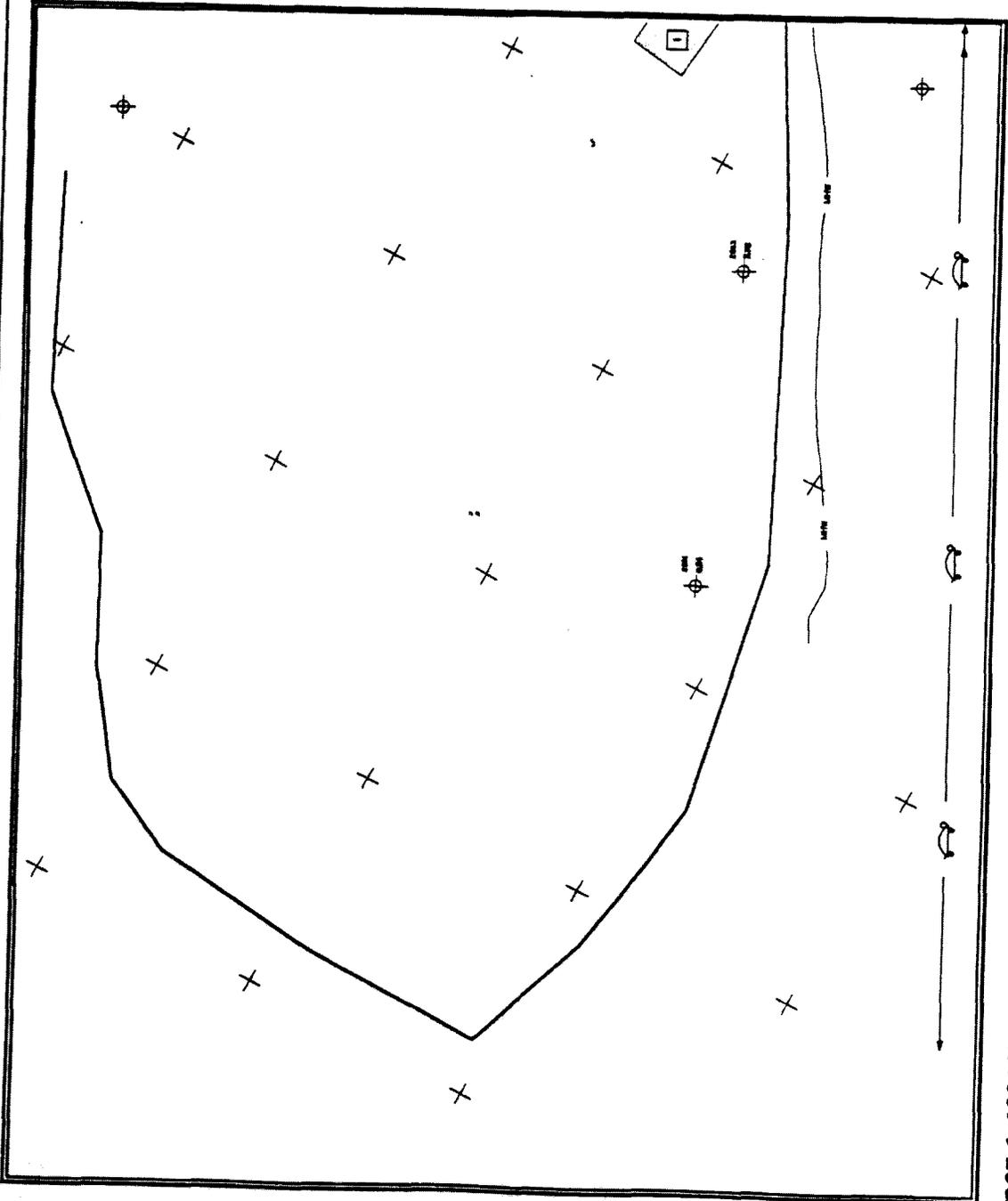


BEACH MANAGEMENT PLAN

LEGEND	
—	BEACH ACCESS
⊕	RECREATION
⊕	TOILET FACILITIES
⊕	HANDICAP BEACH ACCESS
⊕	BEACH
⊕	ZONING CLASSIFICATION
⊕	PARKING FACILITIES
⊕	ENGINEERED SPICES INVIAT
⊕	SOCC MONUMENT
⊕	CONCRETE REGISTRATION MARKS
⊕	SOCC BOUNDARY
⊕	APPROXIMATE MEAN HIGH WATER

SCALE: 1" = 100'
 DATE: 10/10/00
 DRAWN BY: J. L. BROWN
 CHECKED BY: J. L. BROWN
 APPROVED BY: J. L. BROWN
 DATE: 10/10/00

OVERLAY SERIES #2
 BEACH ACCESS FACILITIES INVENTORY
 SHEETS 127 THROUGH 141



EDGE & ASSOCIATES, INC.
 70 ANNE STREET
 THIRD FLOOR
 CHARLESTON, SOUTH CAROLINA 29407
 (843) 739-6664

City of Jolly Beach, Charleston County, South Carolina
 Beach Access Facilities Inventory
 Sheet 127 of 141

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



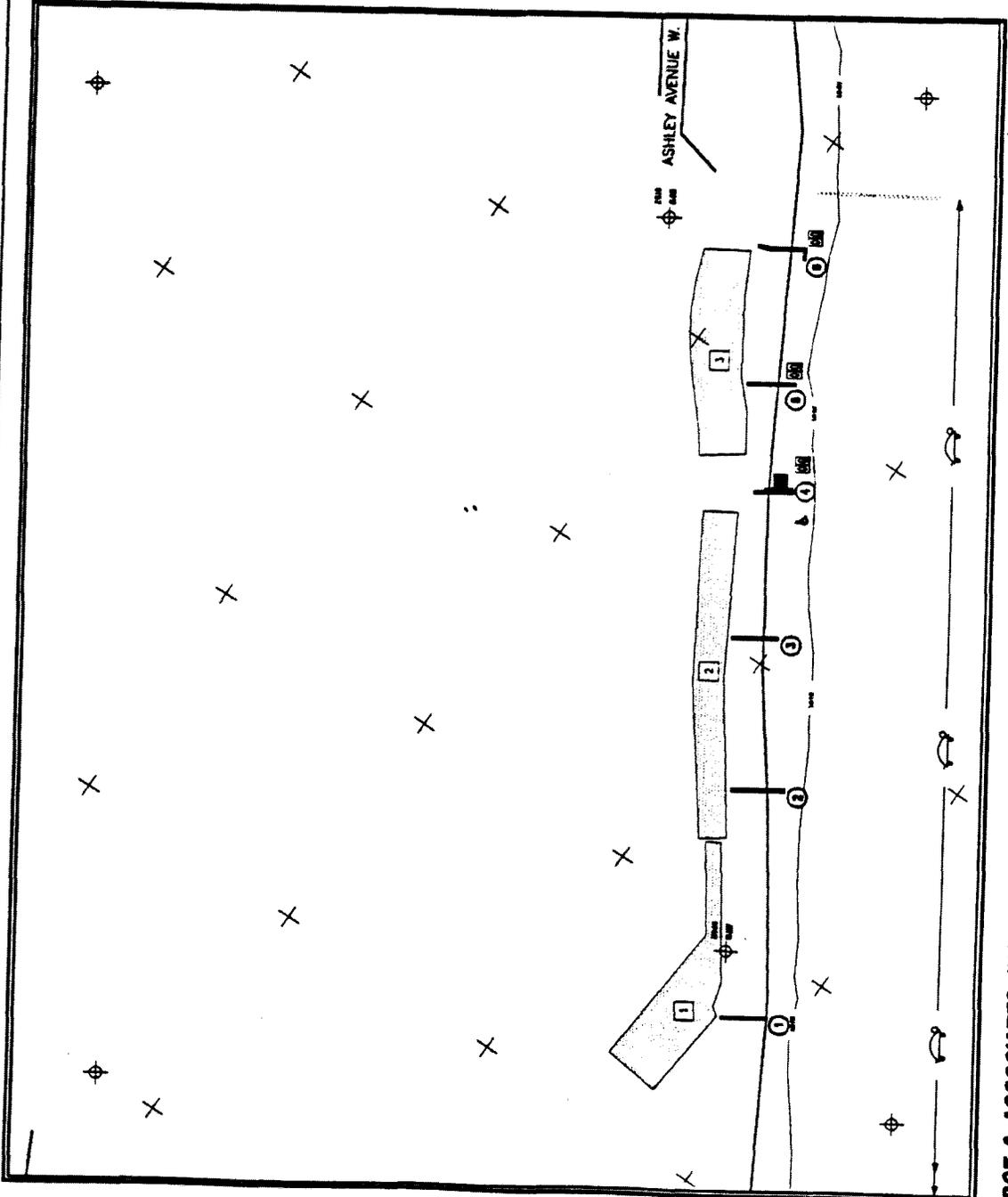
BEACH MANAGEMENT PLAN

LEGEND

- BEACH ACCESS
- RESTROOM
- TOILET FACILITIES
- HANDICAP BEACH ACCESS
- GRASS
- ZONING CLASSIFICATION
- PARKING FACILITIES
- ENHANCED SPECIES HABITAT
- SOCC MONUMENT
- CONCRETE RECREATION WALKS
- SOCC BOUNDARY
- APPROXIMATE BEACH HIGH WATER

CHARLESTON COUNTY, SOUTH CAROLINA
 1. THE CITY OF JOLLY BEACH IS A PART OF CHARLESTON COUNTY, SOUTH CAROLINA.
 2. THE CITY OF JOLLY BEACH IS A PART OF CHARLESTON COUNTY, SOUTH CAROLINA.
 3. THE CITY OF JOLLY BEACH IS A PART OF CHARLESTON COUNTY, SOUTH CAROLINA.
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 10. THE CITY OF JOLLY BEACH IS A PART OF CHARLESTON COUNTY, SOUTH CAROLINA.

OVERLAY SERIES #2
 BEACH ACCESS FACILITIES INVENTORY
 SHEETS 127 THROUGH 141



Old Beach Located on Beach Overlay
 Zone, Incorporated July 1, 1987
 North Carolina Dept.



EDGE & ASSOCIATES, INC.

PO BOX 271007
 THUMB PLACE
 CHARLESTON SOUTH CAROLINA 29407
 (803) 733-4000

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA

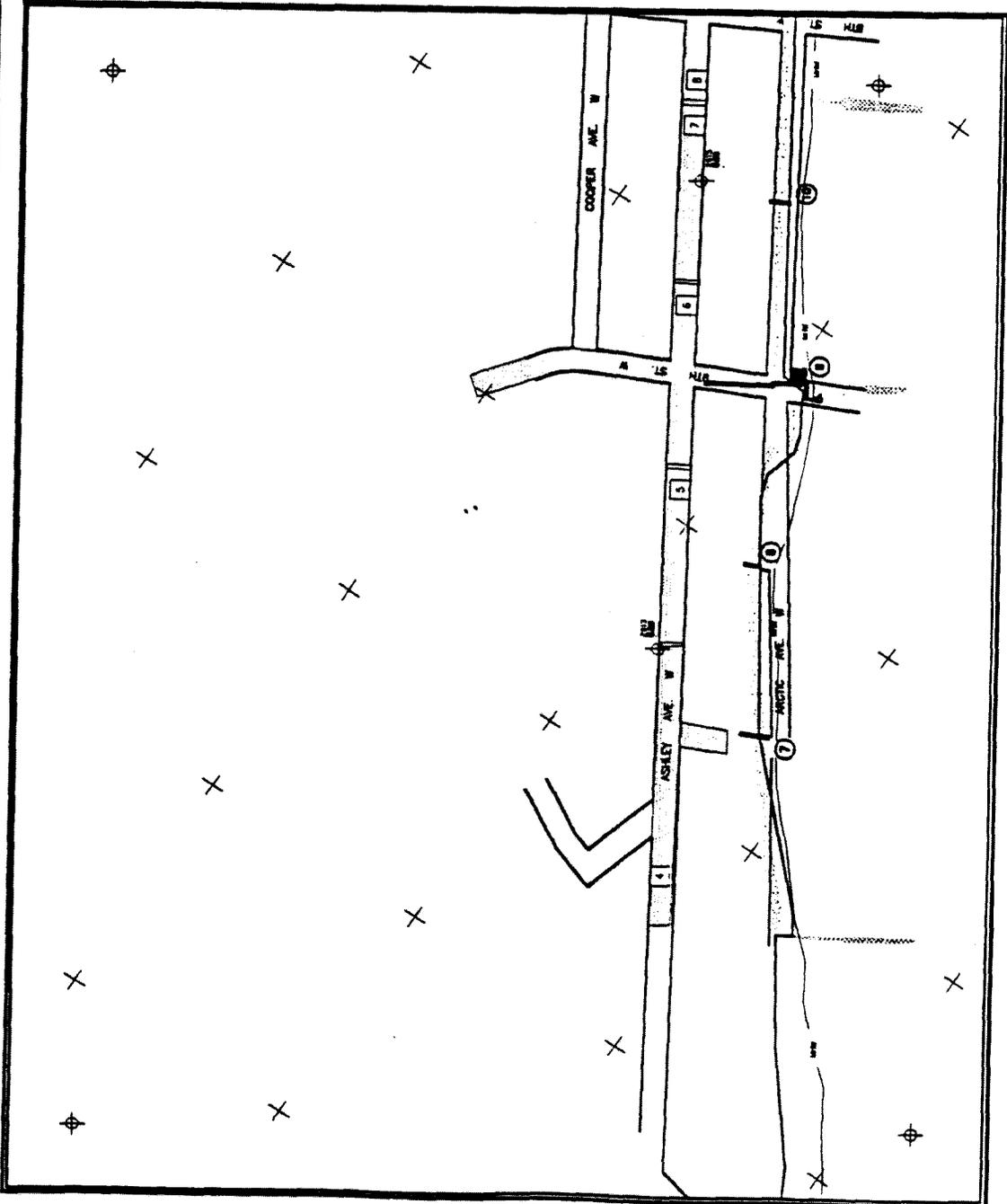


BEACH MANAGEMENT PLAN

LEGEND	
(11)	BEACH ACCESS
—	RECREATION
BB	TOILET FACILITIES
⬇	WINDUP BEACH ACCESS
⬆	DRUM
⬆	ZONING CLASSIFICATION
⬆	PARKING FACILITIES
⬆	ENGINEERED SPACES (WALK)
⬆	SOCC MOVABLE
⬆	ORTHOGONAL RESTRICTION MARKS
⬆	SOCC BOUNDARY
⬆	APPROXIMATE MEAN HIGH WATER

DATE: MAY 1981
 DRAWN BY: J. J. [unreadable]
 CHECKED BY: [unreadable]
 SCALE: 1" = 100'
 SHEET NO. 127 THROUGH 141

OVERLAY SERIES #2
 BEACH ACCESS FACILITIES INVENTORY
 SHEETS 127 THROUGH 141



DATE: MAY 1981
 DRAWN BY: J. J. [unreadable]
 CHECKED BY: [unreadable]
 SCALE: 1" = 100'

EDGE & ASSOCIATES, INC.

70 JAMES STREET
 CHARLESTON, SOUTH CAROLINA 29401
 (803) 782-0000

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



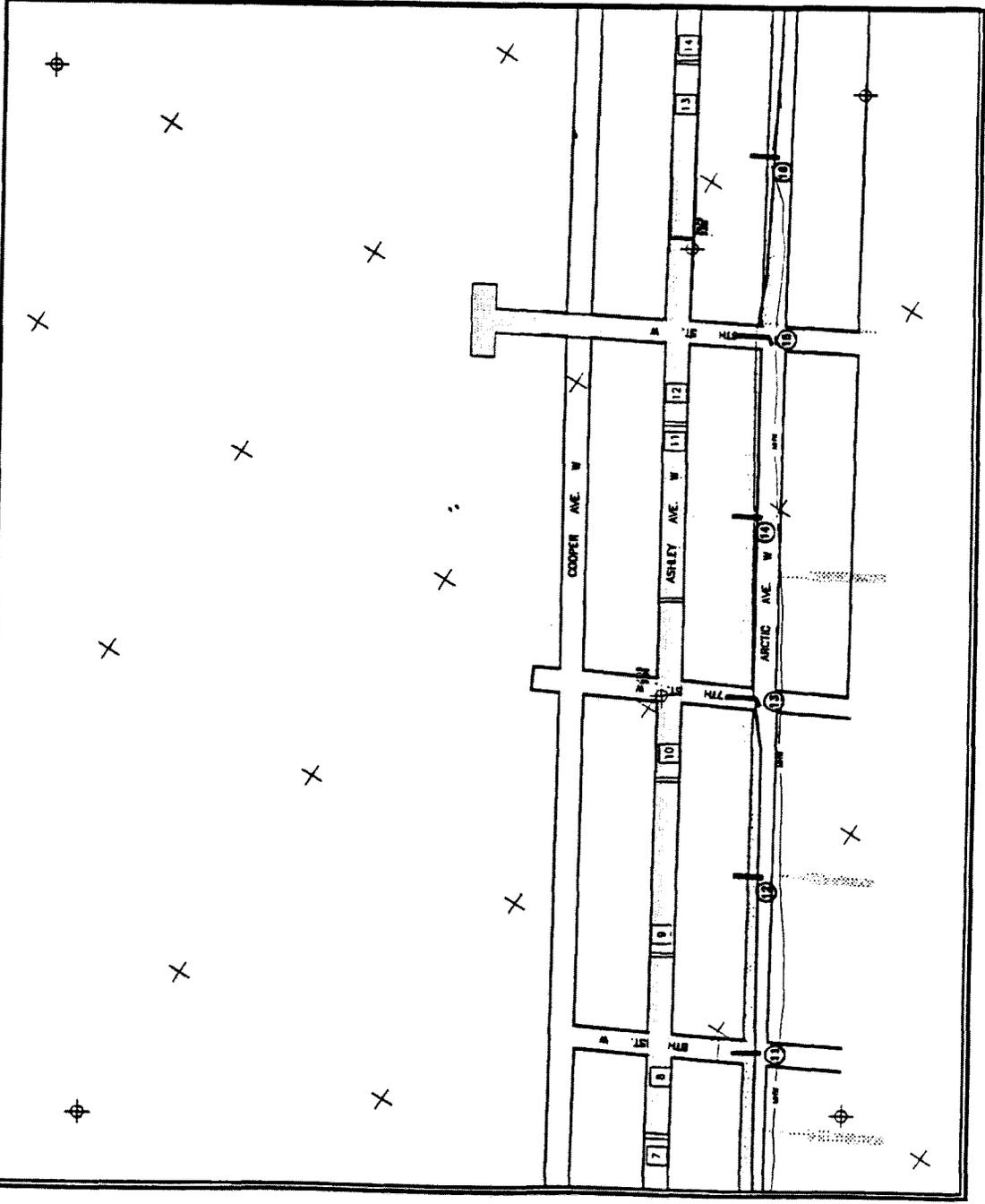
BEACH MANAGEMENT PLAN

LEGEND

- ⑩ BEACH ACCESS
- REVENUE
- ▨ TABLE FACILITIES
- ▲ WINDCUP BEACH ACCESS
- GRASS
- ZONING CLASSIFICATION
- PARKING FACILITIES
- DIMENSIONED SPACES IN HABITAT
- SECC MONUMENT
- OUTLOOKED REGISTRATION MARKS
- SECC BENCHMARK
- APPROXIMATE MEAN HIGH WATER

2015
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OVERLAY AND BEACH ACCESS PLAN
 BEACH ACCESS AND BEACH MONUMENTS
 SHALL BE PLACED IN ACCORDANCE WITH
 SECTION 16-10-100 OF THE ZONING
 ORDINANCE AND THE BEACH ACCESS
 REGULATIONS. THE BEACH ACCESS
 REGULATIONS ARE LOCATED IN SECTION
 16-10-100 OF THE ZONING ORDINANCE.
 THE BEACH ACCESS REGULATIONS
 SHALL BE PLACED IN ACCORDANCE WITH
 SECTION 16-10-100 OF THE ZONING
 ORDINANCE.



OVERLAY SERIES #2
 BEACH ACCESS FACILITIES INVENTORY
 SHEETS 127 THROUGH 141



Old System Based on South Carolina
 Code (Now Code of Laws)
 South Carolina Code of Laws
 Title 16, Chapter 10, Section 16-10-100



EDGE & ASSOCIATES, INC.

77 JAMES STREET
 THIRD FLOOR
 CHARLESTON, SOUTH CAROLINA 29401
 (843) 733-6868

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

	BEACH ACCESS
	RECREATION
	TOILET FACILITIES
	HANDICAP BEACH ACCESS
	GREEN
	ZONING CLASSIFICATION
	PARKING FACILITIES
	ENDANGERED SPECIES HABITAT
	SODC MONUMENT
	ORTHO-PHOTO REGISTRATION MARKS
	SODC BASELINE
	APPROXIMATE MEAN HIGH WATER

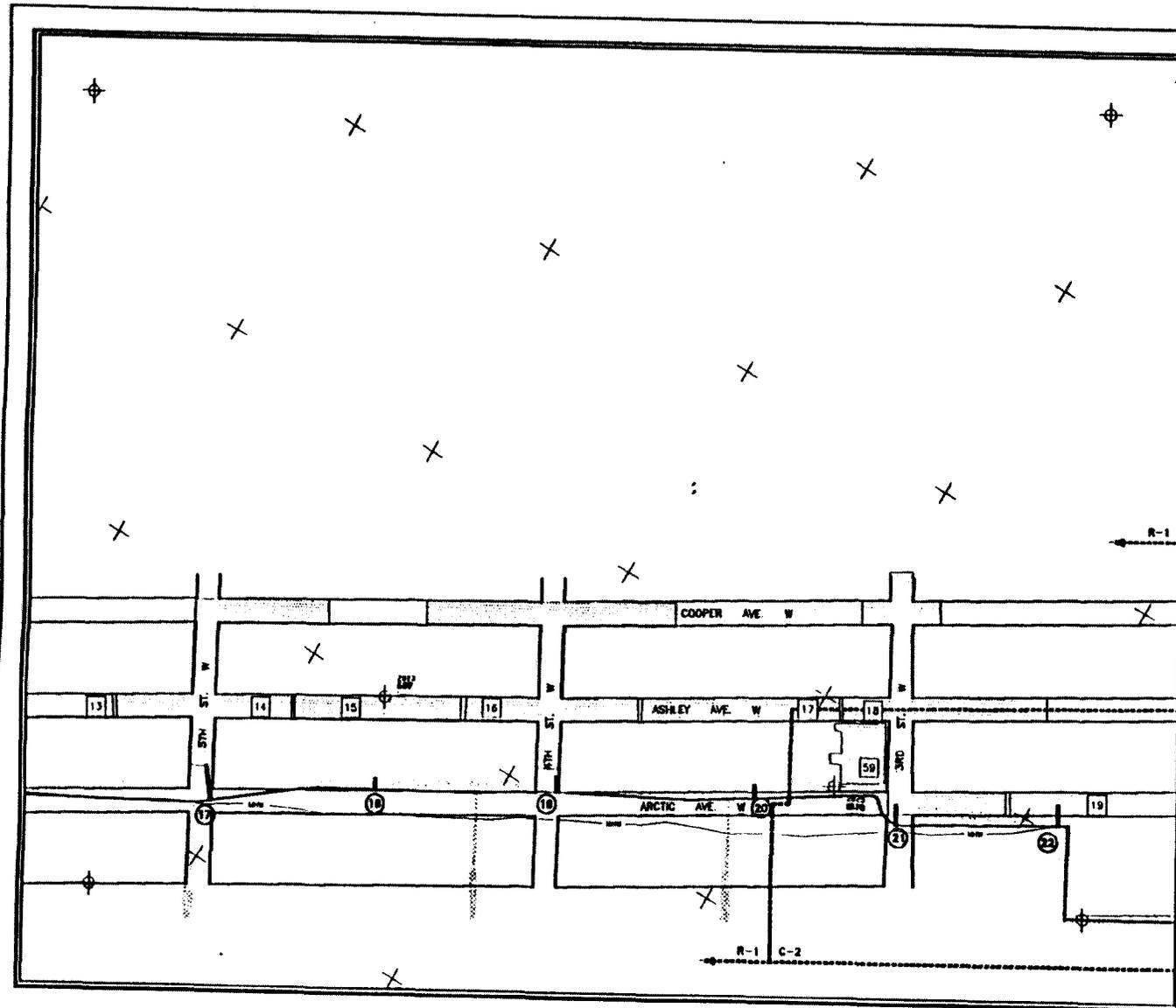
OVERLAY FOR SOUTH CAROLINA GENERAL
PLANNING ACT, SECTION 56-2-101, BEACH
ACCESS FACILITIES INVENTORY
JULY 1, 1988, BY
EDGE & ASSOCIATES, INC.
1000 750-4004

DATE: 10/1/88
BY: J. W. BROWN
MEAN HIGH WATER DETERMINED BY GROUP OF
RESIDENTS, 1988, 1989.

OVERLAY SERIES #2

BEACH ACCESS FACILITIES INVENTORY

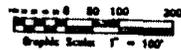
SHEETS 127 THROUGH 141



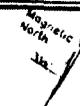
EDGE & ASSOCIATES, INC.

70 ANGELO STREET
THIRD FLOOR
CHARLESTON SOUTH CAROLINA 29401

(803) 750-4004



Old System based on South Carolina
State Plane Coordinate System, South
Zone, (International Foot), 1983
North American Datum



City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



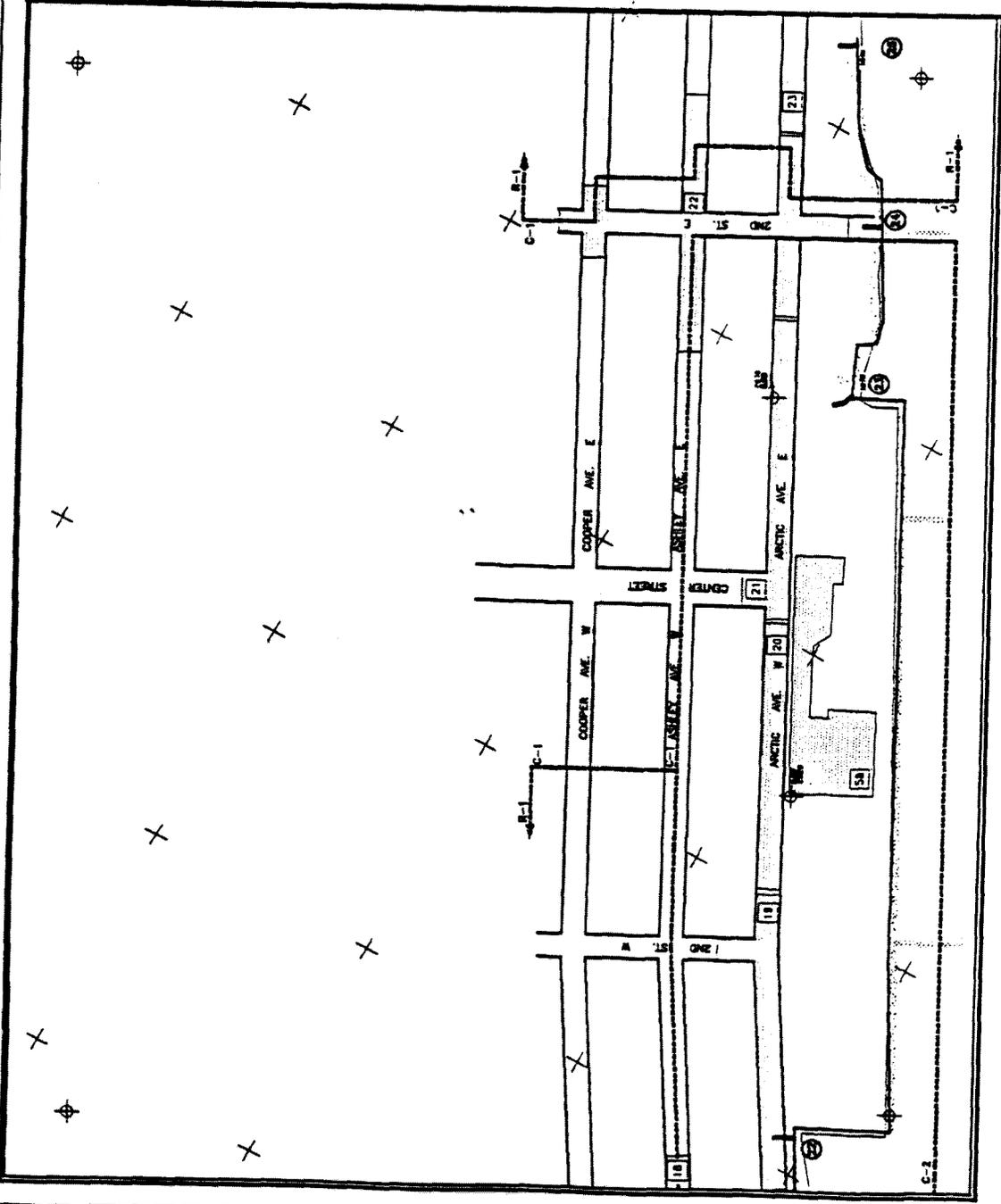
BEACH MANAGEMENT PLAN

LEGEND	
(1)	BEACH ACCESS
(2)	RECREATION
(3)	TOILET FACILITIES
(4)	WANDERER BEACH ACCESS
(5)	SPAWN
(6)	ZONING CLASSIFICATION
(7)	PARKING FACILITIES
(8)	ENDANGERED SPECIES HABITAT
(9)	SOCC MONUMENT
(10)	OUTDOOR RECREATION MARKS
(11)	SOCC BOUNDARY
(12)	APPROXIMATE MEAN HIGH WATER

NOTES: 1. ALL BEACH ACCESS POINTS SHOWN ON THIS PLAN ARE BASED ON AERIAL PHOTOGRAPHS TAKEN IN 1985. 2. ALL BEACH ACCESS POINTS SHOWN ON THIS PLAN ARE BASED ON AERIAL PHOTOGRAPHS TAKEN IN 1985. 3. ALL BEACH ACCESS POINTS SHOWN ON THIS PLAN ARE BASED ON AERIAL PHOTOGRAPHS TAKEN IN 1985. 4. ALL BEACH ACCESS POINTS SHOWN ON THIS PLAN ARE BASED ON AERIAL PHOTOGRAPHS TAKEN IN 1985.

OVERLAY SERIES #2

BEACH ACCESS FACILITIES INVENTORY
SHEETS 127 THROUGH 141



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Map Scale: 1" = 100'
Graphic Scale: 1" = 100'

Scale: 1" = 100'
Graphic Scale: 1" = 100'

EDGE & ASSOCIATES, INC.

70 JIMMIE STREET
CHARLESTON, SOUTH CAROLINA 29401

6043 728-0004

City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



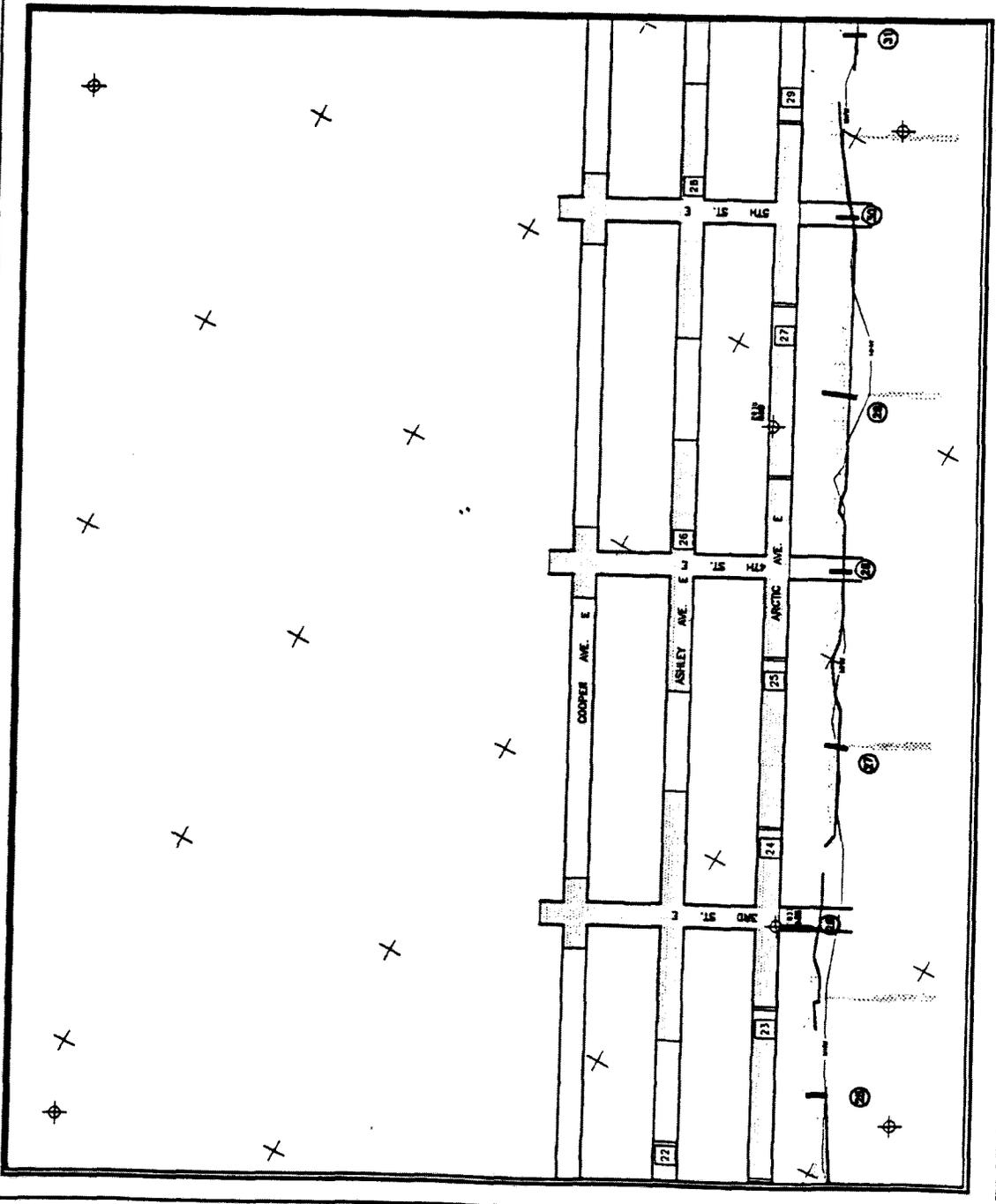
BEACH MANAGEMENT PLAN

LEGEND

- BEACH ACCESS
- ⊕ RECREATION
- ⊕ TRAIL FACILITIES
- ⊕ WOODCHIP BEACH ACCESS
- ⊕ DRIVE
- ⊕ ZONING CLASSIFICATION
- ⊕ PARKING FACILITIES
- ⊕ DANGEROUS SPICES HAZARD
- ⊕ SOCCER FIELD
- ⊕ PHOTOGRAPHY RESTRICTION MARKS
- ⊕ SOCCER BASELINE
- ⊕ APPROXIMATE MEAN HIGH WATER

RELATIVE TO SOUTH CAROLINA COASTAL ZONING ACT, 1972, AS AMENDED BY ACT 107 OF 1977, ACT 107 OF 1978, ACT 107 OF 1979, ACT 107 OF 1980, ACT 107 OF 1981, ACT 107 OF 1982, ACT 107 OF 1983, ACT 107 OF 1984, ACT 107 OF 1985, ACT 107 OF 1986, ACT 107 OF 1987, ACT 107 OF 1988, ACT 107 OF 1989, ACT 107 OF 1990, ACT 107 OF 1991, ACT 107 OF 1992, ACT 107 OF 1993, ACT 107 OF 1994, ACT 107 OF 1995, ACT 107 OF 1996, ACT 107 OF 1997, ACT 107 OF 1998, ACT 107 OF 1999, ACT 107 OF 2000, ACT 107 OF 2001, ACT 107 OF 2002, ACT 107 OF 2003, ACT 107 OF 2004, ACT 107 OF 2005, ACT 107 OF 2006, ACT 107 OF 2007, ACT 107 OF 2008, ACT 107 OF 2009, ACT 107 OF 2010, ACT 107 OF 2011, ACT 107 OF 2012, ACT 107 OF 2013, ACT 107 OF 2014, ACT 107 OF 2015, ACT 107 OF 2016, ACT 107 OF 2017, ACT 107 OF 2018, ACT 107 OF 2019, ACT 107 OF 2020, ACT 107 OF 2021, ACT 107 OF 2022, ACT 107 OF 2023, ACT 107 OF 2024, ACT 107 OF 2025.

OVERLAY SERIES #2
BEACH ACCESS FACILITIES INVENTORY
SHEETS 127 THROUGH 141



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Charleston, South Carolina 29401



EDGE & ASSOCIATES, INC.

20 ANSON STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401 (803) 725-6666

City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

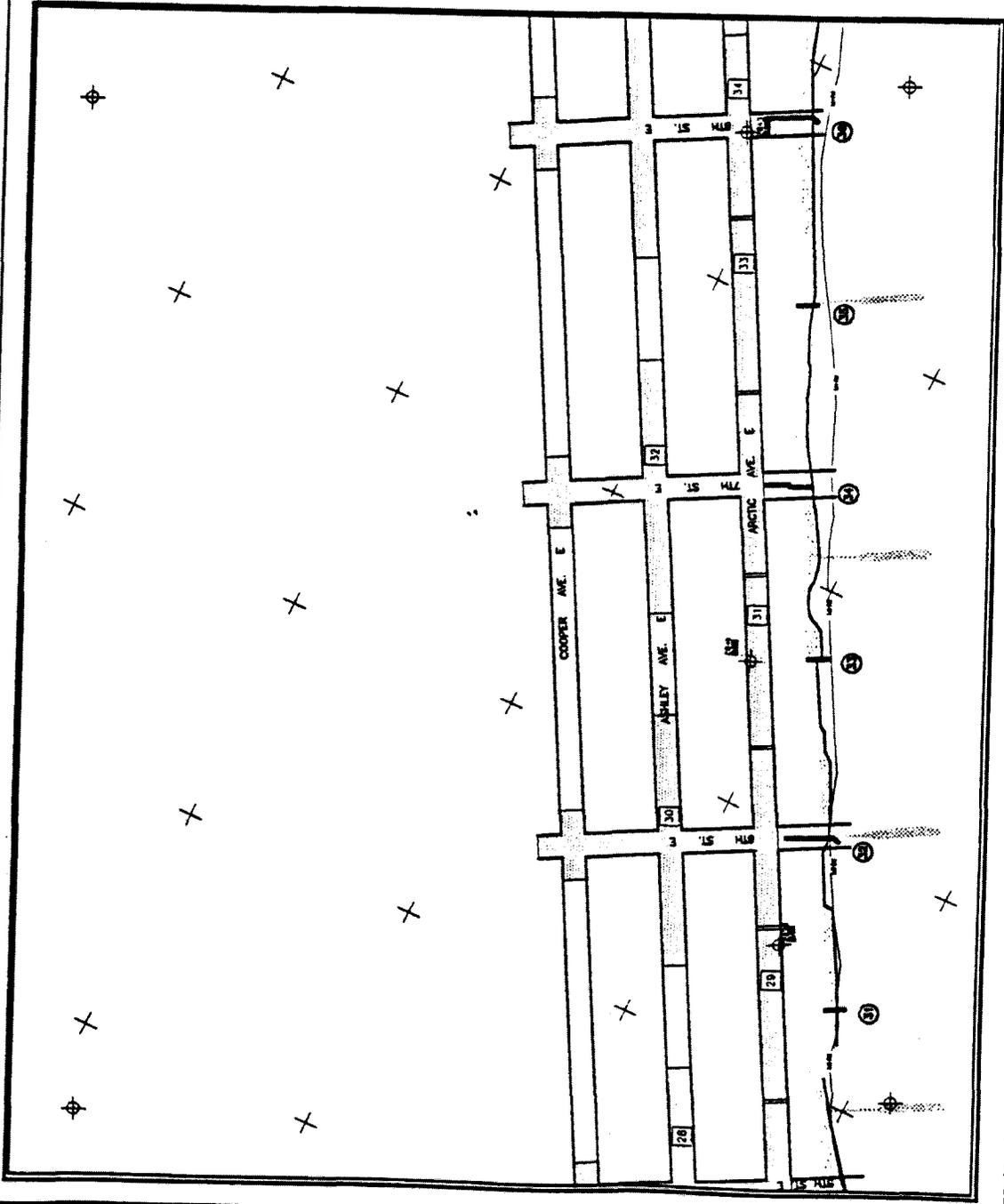
LEGEND

(10)	BEACH ACCESS
—	RECREATION
⊕	TOILET FACILITIES
⬇	IMPROVED BEACH ACCESS
⬆	DRIVE
⊕	ZONING CLASSIFICATION
⊕	PARKING FACILITIES
⊕	DANGEROUS SPECIES HABITAT
⊕	SOCC BALLS/NET
⊕	ORTOPHOTO REGISTRATION MARKS
⊕	SOCC BASELINE
⊕	APPROXIMATE MEAN HIGH WATER

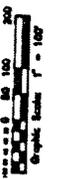
DATE: 10/15/10
 DRAWN BY: J. W. WILSON
 CHECKED BY: J. W. WILSON
 APPROVED BY: J. W. WILSON
 DATE: 10/15/10

OVERLAY SERIES #2
 BEACH ACCESS FACILITIES INVENTORY
 SHEETS 127 THROUGH 141

MAY 11 1009



ALL features based on Holly Beach
 and New Communities Systems, Inc.
 Aerial Photographs (July 1987)
 and other information.



EDGE & ASSOCIATES, INC.

70 ANSON STREET
 FLEMING PLACE
 CHARLESTON, SOUTH CAROLINA 29401
 (803) 782-1000

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

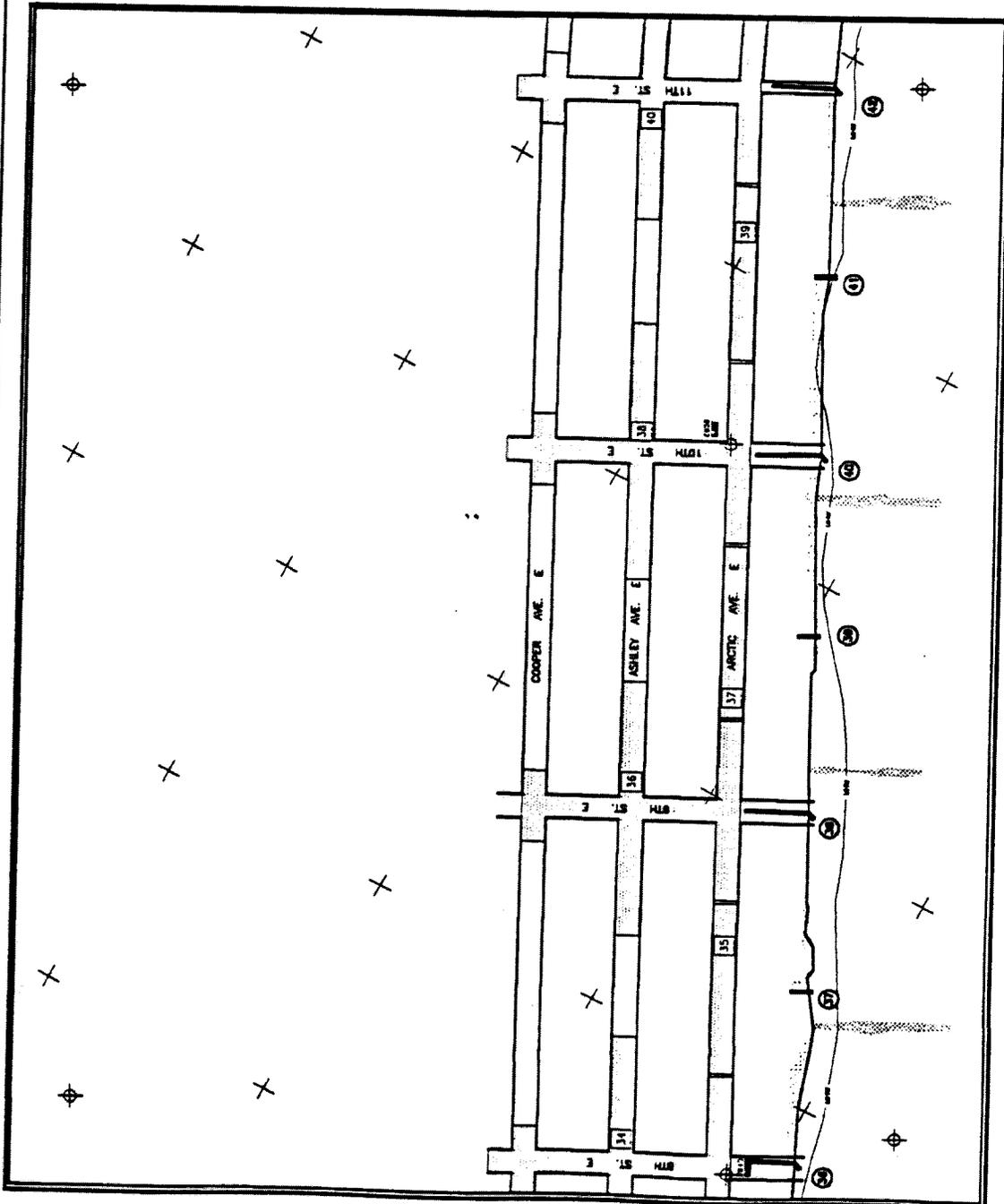
LEGEND

- ⑩ BEACH ACCESS
- REINFORCEMENT
- TOILET FACILITIES
- HANDICAP BEACH ACCESS
- DRUM
- ZONING CLASSIFICATION
- PARKING FACILITIES
- ENGINEERED SPECIES HABITAT
- BOCC MONUMENT
- CERTIFICATED REGISTRATION MARKS
- BOCC BOUNDARY
- APPROXIMATE MEAN HIGH WATER

DESIGNED FOR BEACH ACCESS CONTROL
 BEACHES, WALKWAYS, AND PARKING FACILITIES
 JULY 1, 1987
 BY: J. W. HARRIS, JR.
 CONSULTING ENGINEER
 1110 1/2 S. 10th St.
 JOLLY BEACH, FLA. 32050

DATE: PROJECT BEACH TO BEACH CONTROL
 BEACHES, WALKWAYS, AND PARKING FACILITIES
 JULY 1, 1987
 BY: J. W. HARRIS, JR.
 CONSULTING ENGINEER
 1110 1/2 S. 10th St.
 JOLLY BEACH, FLA. 32050

OVERLAY SERIES #2
 BEACH ACCESS FACILITIES INVENTORY
 SHEETS 127 THROUGH 137



Map Scale Based on Beach Control
 Beaches, Walkways, and Parking
 Facilities, Jolly Beach, Florida
 North American Datum



EDGE & ASSOCIATES, INC.

77 JAMES STREET
 CHARLESTON, SOUTH CAROLINA 29401

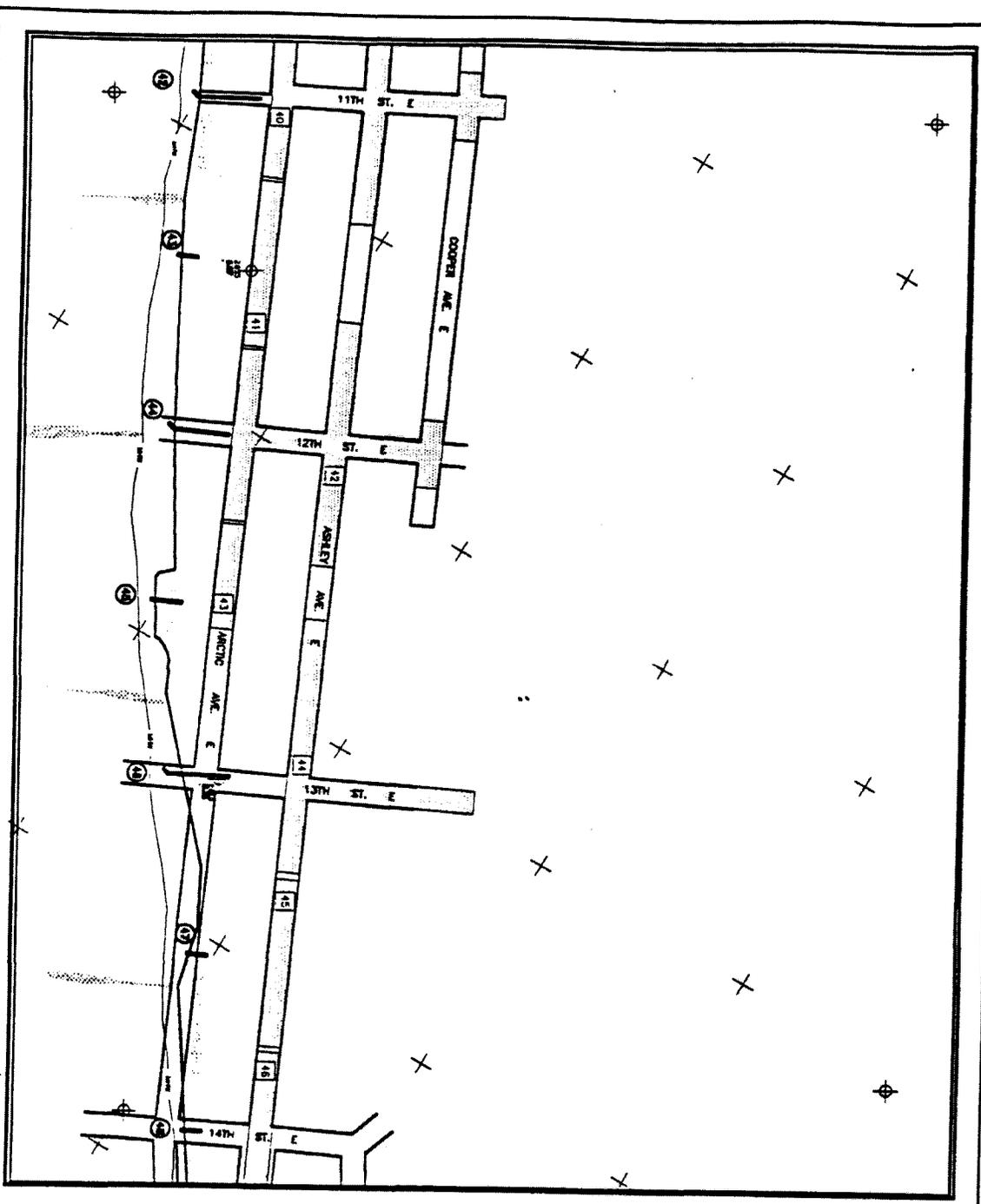
6840 750-0004

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN



LEGEND

	BEACH ACCESS
	RESTROOM
	TOILET FACILITIES
	HANDICAP BEACH ACCESS
	GREEN
	ZONING DISTRIBUTION
	PARKING FACILITIES
	DISMANTLED BEACHES INVENTORY
	SOCC LOCATION
	ORIENTATION DISTRIBUTION AREAS
	KICK SHUTTLE
	APPROACHES TO MAIN BEACH WATER

PLANNING AND DESIGN DIVISION
CITY OF JOLLY BEACH
1115 12TH ST. E.
JOLLY BEACH, FLORIDA 32054
TEL: 904.255.1234
FAX: 904.255.1235
WWW.CITYOFJOLLYBEACH.COM

OVERLAY SERIES #2

BEACH ACCESS FACILITIES INVENTORY
SHEETS 127 THROUGH 141

MAY 31 1001

EDGE & ASSOCIATES, INC.
72 LAUREL STREET
PO BOX 100
CHARLESTON SOUTH CAROLINA 29401
803.782.4444

SCALE: 1" = 100'
GRAPHIC SCALE: 1" = 100'

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DATE: 10/15/00
BY: J. W. HARRIS

City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

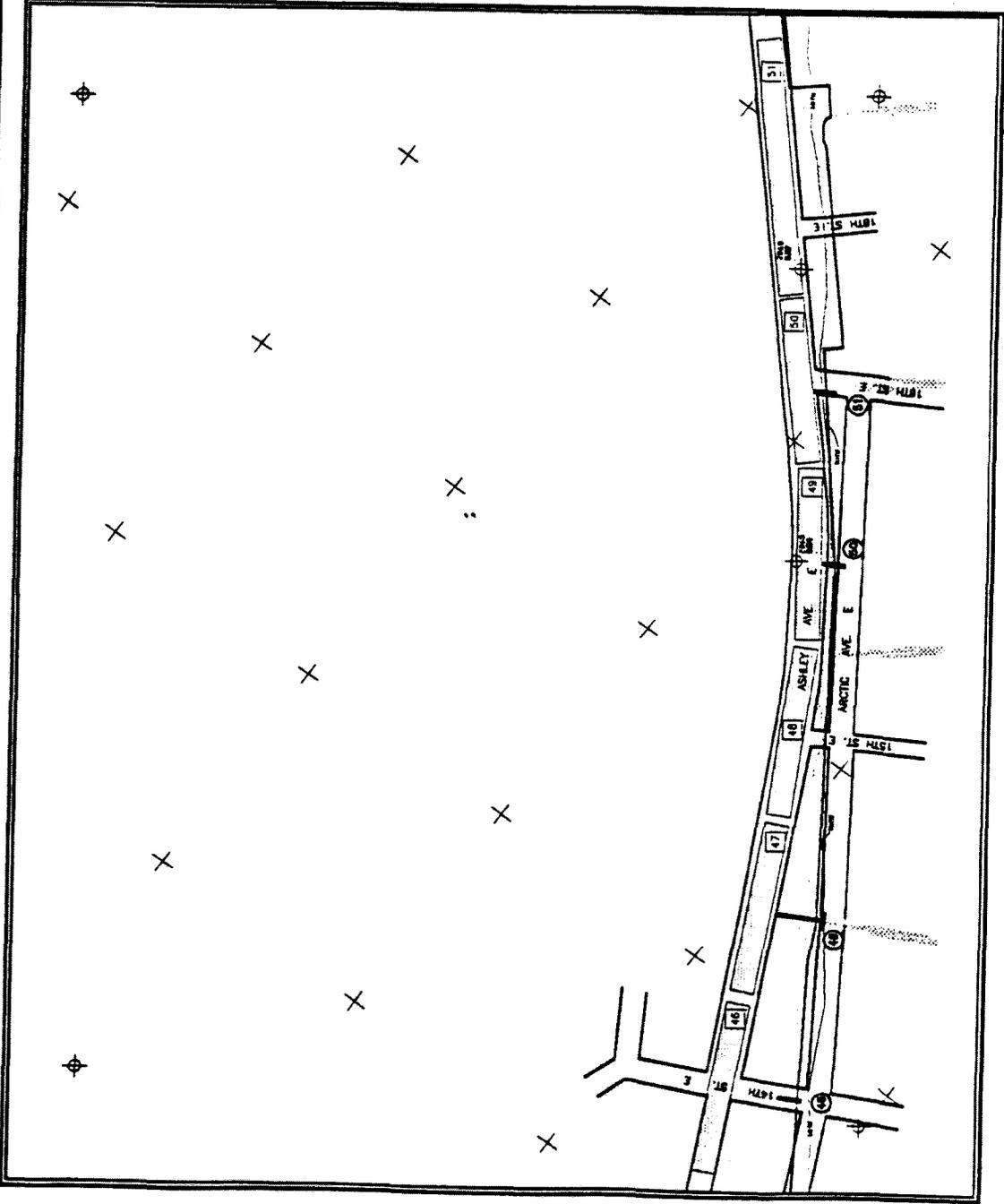
- BEACH ACCESS
- ⊕ REVENUE
- ⊕ TOILET FACILITIES
- ⊕ HANGAR BEACH ACCESS
- ⊕ DRIVE
- ⊕ ZONING CLASSIFICATION
- ⊕ PARKING FACILITIES
- ⊕ ENHANCED BEACH INFRASTRUCTURE
- ⊕ SOCC MOBILE
- ⊕ OPERATING RESTORATION MARK
- ⊕ SOCC BUILDING
- ⊕ APPROXIMATE MEAN HIGH WATER

SCALE: 1" = 100' (SEE PLAN FOR EXACT SCALE)
 DATE: 10/15/04
 DRAWN BY: J. W. BROWN
 CHECKED BY: J. W. BROWN
 APPROVED BY: J. W. BROWN
 PROJECT NO. 04-001

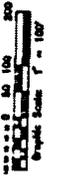
OVERLAY SERIES #2

BEACH ACCESS FACILITIES INVENTORY
SHEETS 127 THROUGH 141

MAY 31, 1991



Scale based on South Carolina
 State Plane Coordinate System, Zone 17A
 North American Datum, 1983



EDGE & ASSOCIATES, INC.

10 ANSON STREET
 TRUMP PLAZA
 CHARLESTON, SOUTH CAROLINA 29403

PHONE 724-4664

City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

- BEACH ACCESS
- REVETMENT
- TOILET FACILITIES
- HANDICAP BEACH ACCESS
- STORM
- ZONING CLASSIFICATION
- PARKING FACILITIES
- ENDANGERED SPECIES HABITAT
- SOCC MONUMENT
- OPTION/ID REGISTRATION MARK
- SOCC BASELINE
- APPROXIMATE MEAN HIGH WATER

OVERLAY FOR SOUTH CAROLINA COASTAL ZONING ACT AND BEACH MANAGEMENT PLAN
JULY 1, 2015
DATE OF ADOPTION
DATE OF AMENDMENT (SEE MAP)
BILL NUMBER
BY: 2015-004

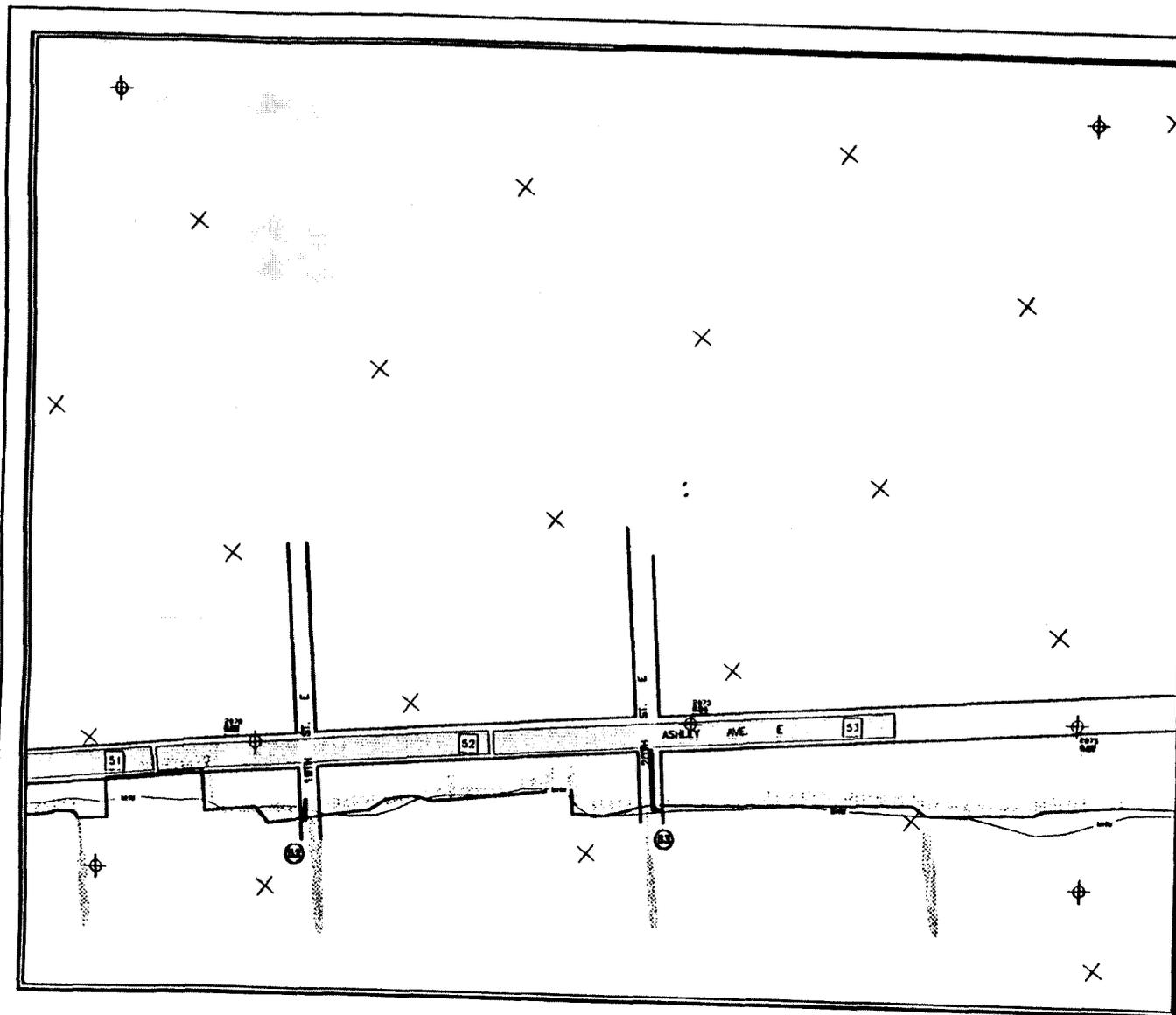
SOCC MONUMENTS SET BY SOUTH CAROLINA COASTAL ZONING ACT
MONUMENT, CHARLES, 2815

MEAN HIGH WATER DETERMINED BY CORPS OF ENGINEERS APRIL 1988

OVERLAY SERIES #2

BEACH ACCESS FACILITIES INVENTORY

SHEETS 127 THROUGH 141



EDGE & ASSOCIATES, INC.

70 ANSON STREET
FLORENCE, SOUTH CAROLINA 29501

(803) 782-8000

Graphic Scale: 1" = 100'

GMA System based on South Carolina State Plane Coordinate System, South Zone, (International T.M.-83, 1983 North American Datum.



City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

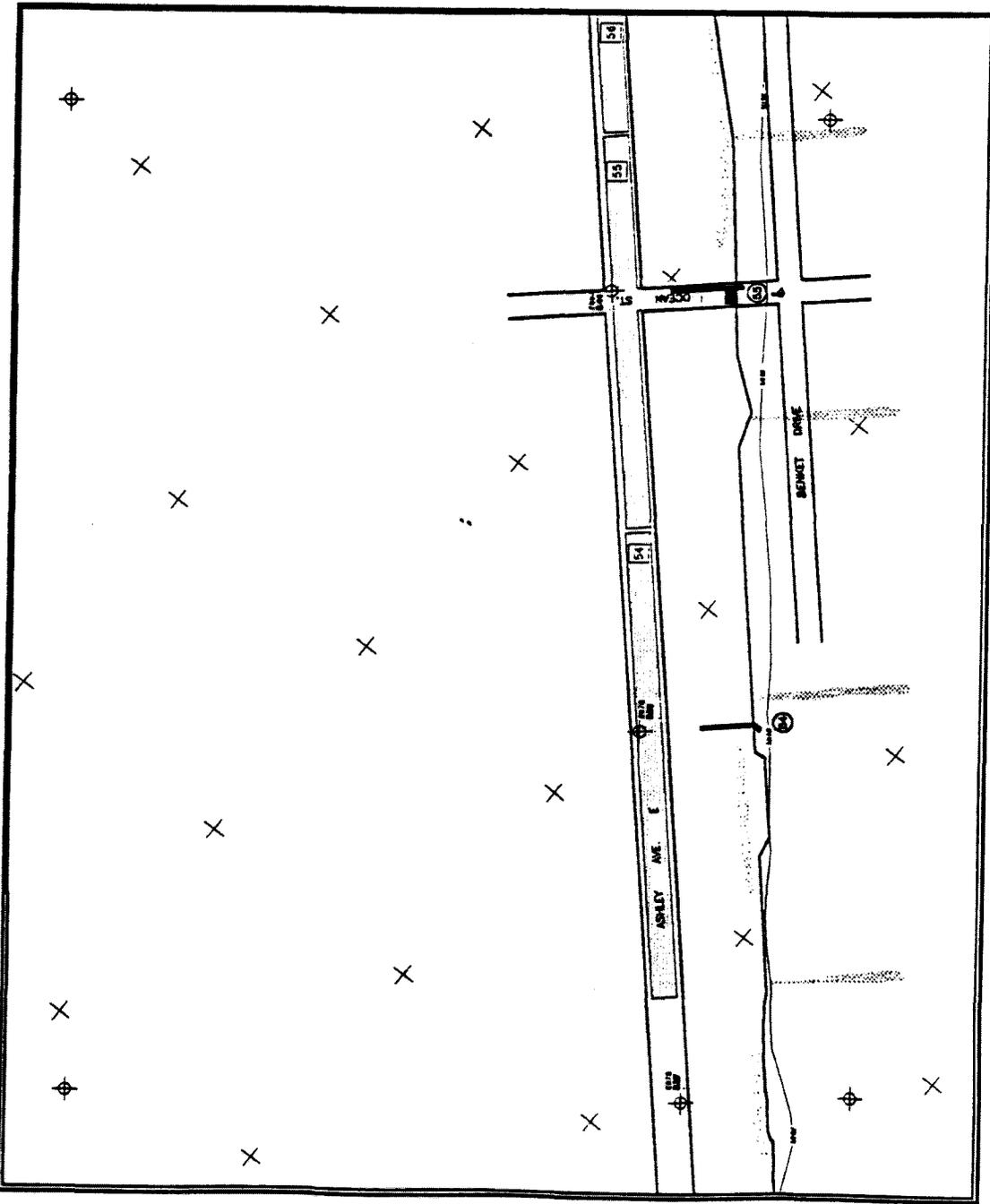
- ① BEACH ACCESS
- REINFORCEMENT
- TOILET FACILITIES
- WINDSTOP BEACH ACCESS
- OPEN
- ZONING CLASSIFICATION
- PARKING FACILITIES
- DIVIDED SPECIES HABITAT
- SOCC MONUMENT
- ORIENTED VEGETATION MARKS
- SOCC BOUNDARY
- APPROXIMATE MEAN HIGH WATER

SCALE FOR BEACH ACCESS POINTS:
 1" = 100' (Horizontal)
 1" = 200' (Vertical)
 ALL DISTANCES ARE APPROXIMATE.
 ALL DISTANCES ARE APPROXIMATE.
 ALL DISTANCES ARE APPROXIMATE.
 ALL DISTANCES ARE APPROXIMATE.

OVERLAY SERIES #2

BEACH ACCESS FACILITIES INVENTORY
SHEETS 127 THROUGH 141

MAY 31 2004



EDGE & ASSOCIATES, INC.

70 JAYSON STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401 (803) 733-2004



All points based on South Carolina
 State Plane Coordinate System, North
 American Datum, 1983.



City of Jolly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



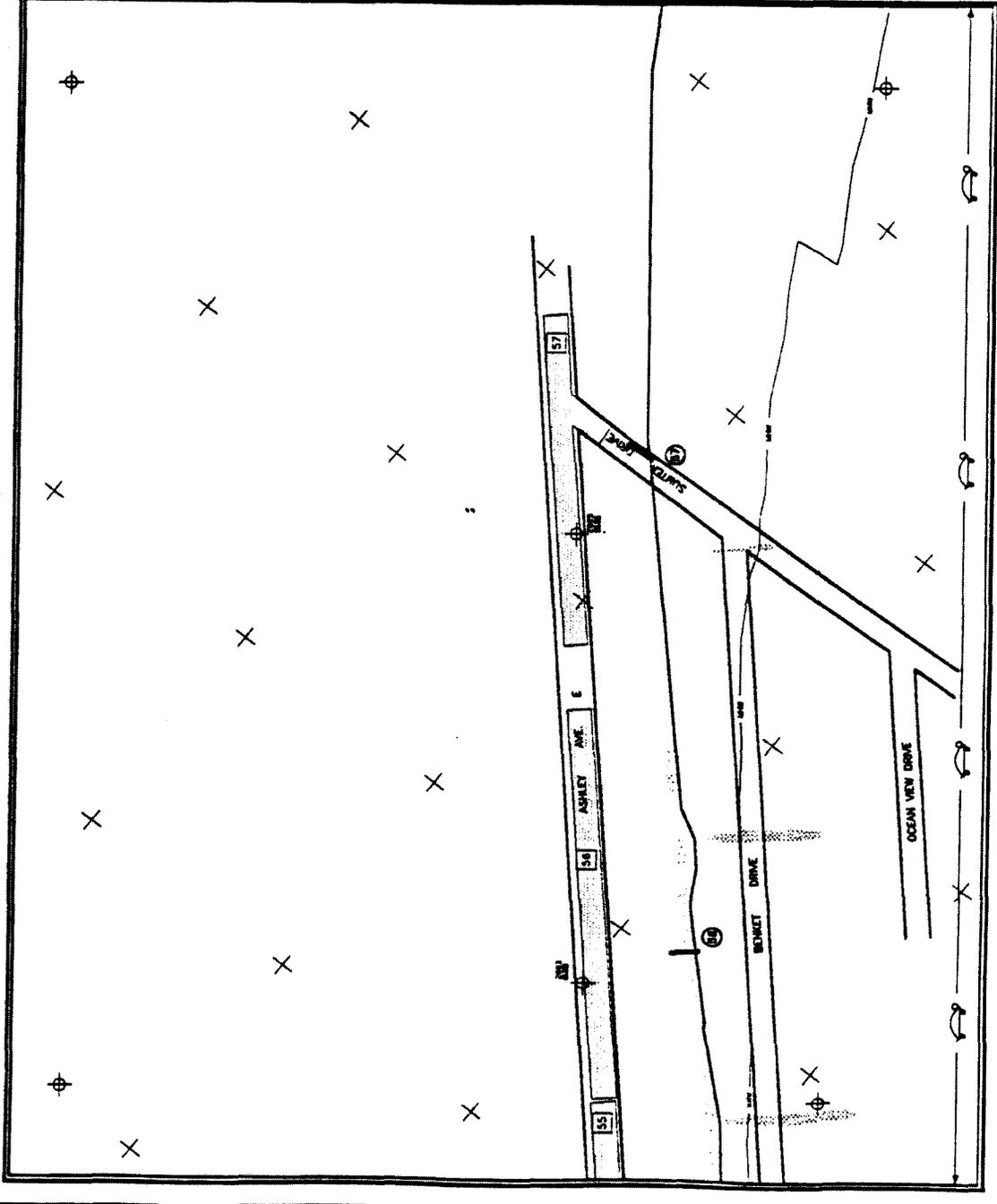
BEACH MANAGEMENT PLAN

LEGEND

	BEACH ACCESS
	REVENUE
	TOILET FACILITIES
	PICKUP BEACH ACCESS
	GREEN
	ZONING CLASSIFICATION
	PARKING FACILITIES
	ENDANGERED SPECIES HABITAT
	ROCK MOUND/LAKE
	DISMANTLED RECREATION AREAS
	ROCK SHELL/LAKE
	APPROXIMATE MEAN HIGH WATER

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OVERLAY SERIES #2
BEACH ACCESS FACILITIES INVENTORY
SHEETS 127 THROUGH 141



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Graphic Scale: 0 50 100 200
Edge & Associates, Inc.
10000 Highway 101, Suite 100
North Charleston, SC 29505

EDGE & ASSOCIATES, INC.

70 ALMOND STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29403 (843) 728-3000

City of Holly Beach

CHARLESTON COUNTY
SOUTH CAROLINA



BEACH MANAGEMENT PLAN

LEGEND

	BEACH ACCESS
	RECREATION
	TOILET FACILITIES
	HANDICAP BEACH ACCESS
	BROWN
	ZONING CLASSIFICATION
	PARKING FACILITIES
	ENDANGERED SPECIES HABITAT
	SOCC MONUMENT
	ORTHODONTO REGISTRATION MARKS
	SOCC BOUNDARY
	APPROXIMATE MEAN HIGH WATER

OVERLAY FOR SOUTH CAROLINA COASTAL
MANAGEMENT ACT AND SUBSEQUENT AMENDMENTS
APPROVED BY THE BOARD OF ARCHITECTURE & PLANNING
JULY 1, 1988
DATE OF REVISION: 1994
DRAWN BY: [Name]
CHECKED BY: [Name]
DATE: 10/10/94

DATE MONUMENT REFER TO SOUTH COASTAL
MANAGEMENT ACT, SECTION 6-20-20.

MEAN HIGH WATER DETERMINED BY SURVEY OF
DECEMBER 1988.

OVERLAY SERIES #2

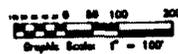
BEACH ACCESS FACILITIES INVENTORY

SHEETS 127 THROUGH 141



EDGE & ASSOCIATES, INC.

79 ANTHONY STREET
THIRD FLOOR
CHARLESTON, SOUTH CAROLINA 29401 (803) 730-0004



GRID System based on South Carolina
State Plane Coordinate System, South
Zone, (International Feet), 1983
North American Datum.



