Surveyors Package

DHEC-OCRM

Isle of Palms

March 29, 1999

Introduction

The 1990 Beachfront Management Act defines the method by which beachfront jurisdiction is established by the South Carolina Department of Health and Environmental Control, Office of Ocean and Coastal Resource Management (OCRM). The Beachfront Management Act requires that all shorelines be classified as inlet zones or standard zones. Inlet zones are further subdivided into stabilized inlet zones or unstabilized inlet zones.

In unstabilized inlet zones, the baseline is located at the most landward position of the shoreline in the past 40 years, unless the best available scientific and historical data of the inlet and adjacent beaches indicate that the shoreline is unlikely to return to its former position. In standard zones and stabilized inlet zones, the baseline is located at the crest of the primary oceanfront sand dune. If there is no primary dune, the baseline is established based on the volume of sand on the active beach profile at each survey monument.

The position of the setback line is determined by the local long-term erosion rate. In erosional areas, the setback line is located landward of the baseline a distance equal to 40 times the annual erosion rate. In stable or accretional areas, the setback line is located 20 feet landward of the baseline.

All original baselines and setback lines became final on July 3rd, 1991. The Beachfront Management Act calls for all lines to be revised between July 1998 and July 2000, and then once every eight to 10 years after each preceding revision. Once a line is adopted as final, it will not change unless OCRM moves it as the result of a successful legal appeal of the line position or following a successful beach renourishment project. The date on which the new lines for this particular area were adopted as final is listed on the front cover.

Section 48-39-330 of the Beachfront Management Act reads as follows:

> Thirty days after the initial adoption by the Department of setback lines, a contract of sale or transfer of real property located in whole or in part seaward of the setback line or the jurisdictional line must contain a disclosure statement that the property is or may be affected by the setback line, baseline, and the seaward corners of all habitable structures referenced to the South Carolina State Plane Coordinate System (N.A.D.-1983) and include the local erosion rate most recently made available by the Department for that particular standard zone or inlet zone as applicable. Language reasonably calculated to call attention to the existence of baselines, setback lines, jurisdictional lines, and the seaward corners of all habitable structures and the erosion rate complies with this section. The provisions of this section are regulatory in nature and do not affect the legality of an instrument violating the provisions.

As a result, surveyors have been called upon to transfer the OCRM baseline and setback lines to individual plats and to locate these lines in the field. OCRM has undertaken several steps to facilitate this task, as described below.

Orthophotographs

Orthophotographs, which are aerial photographs with the distortion removed at ground level, have been produced for all developed beaches in the state. These maps are to national map accuracy standards, and are depicted in the South Carolina State Plane Coordinate System (NAD 83). The maps are based on July 1993 photography, are at a scale of 1"=100', and have the beach lines drawn on them. Copies of these maps are for available for review in the appropriate OCRM office and municipal or county office. Copies are available for sale at Duncan-Parnell, Inc., 3150 W. Montague Ave., North Charleston, SC, 29419, phone 843-747-6033.

Digitized Lines

OCRM has digitized the location of the baseline and setback line for all islands where such lines have been established. These digital line coordinates are listed as northings and eastings in the South Carolina State Plane Coordinate System (NAD 83), in units of international feet. They are provided in order to avoid having different surveyors obtain slightly different results when digitizing or scaling off the orthophotographs. Appendix 1 gives the line coordinates for this area.

Beach Survey Monuments

In 1987, OCRM installed a network of beach survey monuments along most of South Carolina's shoreline. Over time, additional monuments have been added to the network to replace ones that have been destroyed. In general, the replacement monument is along the same shore-perpendicular line as the original monument but farther landward. Replacement monuments are stamped with the letter "B" (or the letter "C" for a third-generation monument). For example, monument 4220 was replaced with 4220B. These monuments are located horizontally in the South Carolina State Plane Coordinate System (NAD 83), and are vertically referenced to 1929 NGVD. Description sheets for all monuments in this are given in Appendix 2. In some cases, the monument's coordinates are given in meters. To convert to international feet, divide by 0.3048.

Local Erosion Rate

OCRM has conducted studies of the long-term erosion rates at all survey monument locations. These rates were used to establish the location of the setback line, and must also be given on individual plats. In erosional areas the exact rate was determined. In stable or accretional areas no specific number was determined, and the shoreline is officially classified as "stable to accretional" or S/A. Local erosion rates for the area covered by this report are given in Appendix 3.

Plat Review Requirements

In order to receive a permit from OCRM for many activities seaward of the setback line, the applicant must submit a plat in state plane coordinates with specific information shown on it. The following is a list of the required information:

1. Monuments used to reference the survey
2. Line coordinates used to establish the baseline and setback line
3. Coordinates of the property corners
4. Coordinates of the corners of any habitable structures on the property
5. Distance between the seaward structure corners and the baseline and setback line
6. Footprint of all structures on the property
7. Location of the crest and trough of the primary oceanfront sand dune
8. Local erosion rate

Appendix 1

This appendix contains a listing of OCRM baseline and setback line coordinates, given as northings and eastings in international feet referenced to the South Carolina State Plane Coordinate System (NAD 83). Coordinates are listed as one continuous line that begins at one end of the island or beach and extends to the other. There are separate listings for the baseline and the setback line.

DHEC-OCRM BASELINE COORDINATES
ISLE OF PALMS
VALID AS OF 3/29/99
STATE-PLANE COORDINATE SYSTEM, NAD 1983
INTERNATIONAL FEET

NORTHING	EASTING
345391.20	2365418.21
345379.39	2365421.69
345316.17	2365441.14
345250.17	2365462.67
345189.73	2365484.91
345135.54	2365505.75
345092.47	2365525.89
345059.29	2365539.81
345027.79	2365548.80
344967.06	2365575.80
344901.82	2365596.05
344843.33	2365627.54
344809.58	2365668.03
344787.09	2365726.52
344766.84	2365769.26
344744.35	2365857.00
344726.35	2365953.73
344712.85	2366084.21
344721.85	2366183.19
344753.34	2366257.43
344773.59	2366324.91
344789.34	2366464.39
344805.08	2366576.87
344834.33	2366671.35
344899.57	2366828.82
344953.56	2366970.55
344989.55	2367049.28
345041.29	2367152.76
345093.03	2367253.99
345151.52	2367350.73
345210.01	2367449.71
345299.99	2367586.93
345344.99	2367665.67
345401.23	2367748.90
345477.71	2367854.63
345547.45	2367951.37
345630.68	2368059.35
345709.42	2368158.33
345797.15	2368288.81
345878.14	2368392.29
345972.62	2368511.52
346023.21	2368591.12
346089.60	2368691.48
346190.83	2368837.71
346260.57	2368934.44
346325.81	2369042.42
346388.80	2369130.15
346451.79	2369217.89
346526.02	2369328.12
346588.24	2369417.35
346623.94	2369478.40
346667.71	2369549.81
346723.00	2369644.26

346780.59	2369720.27
346843.93	2369815.87
346892.31	2369884.98
346937.23	2369949.48
346969.48	2370004.77
347016.70	2370069.27
347062.77	2370133.77
347118.06	2370210.94
347150.31	2370260.46
347187.17	2370318.05
347235.54	2370395.22
347300.04	2370490.82
347344.96	2370558.78
347400.25	2370650.92
347448.62	2370730.39
347479.72	2370779.92
347525.79	2370847.88
347563.80	2370907.77
347601.81	2370968.82
347638.67	2371026.40
347674.37	2371081.69
347714.69	2371151.95
347748.09	2371209.54
347761.10	2371230.97
347785.09	2371255.98
347802.66	2371270.51
347819.50	2371295.92
347845.99	2371343.15
347871.33	2371391.52
347897.82	2371432.99
347936.13	2371506.02
347967.55	2371565.83
347996.95	2371629.02
348027.45	2371700.85
348032.95	2371706.82
348055.78	2371755.37
348058.58	2371769.07
348067.77	2371779.94
348077.41	2371786.91
348084.46	2371798.58
348082.86	2371812.49
348092.41	2371843.86
348095.56	2371854.46
348107.35	2371886.69
348133.62	2371923.25
348155.47	2371964.88
348162.21	2371989.63
348201.48	2372027.33
348203.67	2372055.08
348208.33	2372073.82
348216.81	2372095.04
348228.14	2372138.58
348277.14	2372191.56
348295.92	2372222.14
348299.67	2372235.72
348306.46	2372258.88
348327.44	2372322.98
348342.77	2372344.37
348353.52	2372371.21
348383.22	2372409.17

348392.19	2372425.33
348406.16	2372462.98
348409.29	2372484.25
348418.93	2372507.21
348447.80	2372556.46
348424.72	2372637.78
348462.21	2372712.62
348470.86	2372725.92
348483.13	2372749.10
348495.92	2372769.42
348499.83	2372782.68
348509.29	2372795.95
348526.24	2372824.31
348530.94	2372829.30
348540.12	2372844.67
348551.49	2372871.62
348558.53	2372885.44
348568.91	2372903.10
348579.93	2372924.65
348587.27	2372937.59
348594.68	2372952.35
348600.40	2372963.21
348609.17	2372975.78
348621.63	2372994.78
348628.90	2373007.38
348635.04	2373017.29
348639.67	2373027.97
348651.02	2373044.53
348656.44	2373058.82
348670.67	2373082.66
348677.29	2373094.58
348687.11	2373111.38
348692.23	2373127.78
348705.29	2373151.67
348718.12	2373171.77
348740.00	2373218.63
348750.53	2373234.76
348757.30	2373249.03
348774.10	2373279.43
348780.97	2373301.95
348785.30	2373312.20
348810.16	2373351.91
348821.60	2373372.62
348836.81	2373403.71
348845.12	2373427.74
348851.45	2373443.52
348863.34	2373474.57
348873.43	2373488.98
348879.03	2373511.72
348889.02	2373530.00
348895.75	2373544.63
348900.02	2373562.15
348904.09	2373593.99
348917.28	2373619.94
348933.04	2373642.81
348938.23	2373661.84
348959.37	2373685.33
348972.44	2373696.83
348983.51	2373719.28
348987.42	2373737.59

349004.26	2373757.94
349018.03	2373782.13
349029.31	2373809.94
349038.92	2373825.82
349045.57	2373842.48
349055.47	2373861.12
349065.94	2373875.78
349085.11	2373915.07
349095.75	2373941.60
349107.02	2373960.35
349116.54	2373975.98
349129.74	2373991.07
349141.99	2374001.95
349156.10	2374010.03
349167.34	2374027.53
349177.09	2374043.16
349183.51	2374052.07
349190.12	2374063.71
349195.69	2374077.51
349206.40	2374098.28
349217.51	2374120.87
349222.49	2374131.15
349228.27	2374140.17
349240.25	2374160.28
349249.26	2374178.82
349254.35	2374195.35
349260.71	2374208.91
349270.13	2374233.31
349281.64	2374252.54
349304.29	2374286.63
349308.57	2374296.67
349316.36	2374316.28
349330.89	2374342.17
349336.97	2374353.59
349346.97	2374373.37
349355.64	2374394.14
349366.93	2374408.13
349382.71	2374437.12
349391.25	2374452.48
349403.05	2374476.10
349417.55	2374496.10
349427.54	2374518.74
349434.68	2374536.04
349442.84	2374548.12
349447.86	2374557.98
349456.73	2374574.70
349463.64	2374589.61
349474.58	2374604.85
349484.91	2374622.19
349490.06	2374636.47
349496.36	2374648.23
349519.85	2374683.79
349529.62	2374707.40
349533.79	2374721.18
349545.77	2374740.19
349556.56	2374761.26
349565.15	2374782.82
349570.51	2374789.83
349577.88	2374801.19
349581.61	2374813.13

349591.52	2374824.96
349600.71	2374839.75
349611.94	2374855.34
349615.59	2374862.10
349619.35	2374868.30
349630.36	2374889.63
349641.63	2374907.11
349649.35	2374918.51
349662.32	2374940.11
349671.75	2374957.28
349675.92	2374966.67
349683.63	2374982.26
349694.01	2375002.38
349702.89	2375014.71
349709.17	2375029.17
349720.67	2375043.35
349727.04	2375055.90
349734.97	2375071.65
349746.94	2375094.92
349749.16	2375100.85
349759.08	2375118.15
349766.99	2375135.88
349770.90	2375147.38
349783.36	2375165.41
349790.58	2375180.93
349796.93	2375195.06
349813.81	2375217.10
349820.81	2375228.72
349825.59	2375246.97
349835.77	2375264.61
349843.29	2375278.11
349850.49	2375291.37
349860.80	2375310.80
349863.49	2375321.72
349877.66	2375343.26
349887.88	2375356.21
349894.80	2375373.24
349903.92	2375389.72
349914.28	2375405.69
349922.66	2375420.88
349928.45	2375429.05
349940.90	2375451.66
349949.43	2375466.04
349962.84	2375483.90
349969.44	2375498.43
349976.61	2375514.19
349986.14	2375531.26
350004.85	2375558.93
350014.87	2375574.66
350026.43	2375596.96
350046.15	2375633.81
350060.06	2375668.84
350075.23	2375699.54
350083.68	2375715.61
350093.73	2375734.72
350100.51	2375742.27
350112.92	2375762.41
350125.21	2375778.06
350143.47	2375802.10
350149.45	2375820.80

350155.71	2375837.23
350172.71	2375865.75
350179.24	2375877.32
350186.03	2375897.83
350199.62	2375913.12
350208.40	2375931.61
350220.08	2375954.65
350230.70	2375973.85
350244.50	2375993.20
350251.94	2376012.38
350265.72	2376030.57
350279.88	2376047.51
350289.66	2376068.48
350299.22	2376090.82
350315.34	2376115.77
350332.11	2376141.02
350340.54	2376162.17
350351.19	2376177.49
350353.60	2376184.94
350368.00	2376202.93
350378.36	2376220.35
350392.25	2376241.84
350403.46	2376264.71
350418.58	2376292.83
350435.04	2376320.24
350447.24	2376337.22
350468.79	2376377.02
350482.61	2376401.95
350501.46	2376432.83
350521.03	2376462.45
350556.25	2376528.85
350577.61	2376556.51
350586.41	2376576.11
350596.13	2376589.37
350609.20	2376616.75
350625.96	2376642.94
350634.87	2376665.80
350649.80	2376690.57
350659.31	2376707.73
350691.72	2376774.44
350703.46	2376796.89
350714.90	2376817.46
350726.74	2376838.12
350740.13	2376867.00
350751.52	2376886.21
350759.84	2376899.05
350773.68	2376924.76
350782.76	2376945.85
350793.52	2376967.24
350808.70	2376991.04
350820.43	2377008.71
350827.95	2377025.77
350840.89	2377045.28
350852.53	2377071.32
350854.77	2377077.30
350862.58	2377091.40
350872.57	2377110.97
350884.68	2377125.32
350896.67	2377151.09
350905.00	2377169.77

350925.70	2377210.38
350940.65	2377241.01
350956.70	2377264.97
350963.97	2377283.82
350975.88	2377304.93
350984.82	2377328.37
350989.87	2377340.53
351004.00	2377370.86
351016.23	2377390.29
351025.53	2377400.43
351031.85	2377415.35
351048.86	2377449.37
351061.32	2377472.36
351075.70	2377495.67
351085.03	2377513.23
351085.51	2377530.78
351101.56	2377572.46
351119.59	2377602.89
351132.56	2377623.02
351145.66	2377646.97
351159.75	2377672.26
351174.00	2377696.35
351180.09	2377707.85
351190.58	2377726.96
351213.69	2377772.39
351223.11	2377789.41
351232.77	2377810.33
351237.06	2377819.37
351251.76	2377846.45
351257.89	2377865.99
351272.21	2377892.88
351279.57	2377908.87
351283.43	2377918.83
351294.61	2377940.12
351311.54	2377968.19
351320.77	2377989.81
351330.36	2378007.09
351344.40	2378034.37
351353.60	2378054.07
351363.06	2378072.53
351375.22	2378093.16
351390.54	2378118.62
351402.80	2378139.34
351415.81	2378168.46
351419.26	2378182.09
351431.40	2378204.56
351438.16	2378216.49
351461.40	2378257.58
351471.31	2378282.62
351480.31	2378303.82
351490.29	2378322.87
351495.93	2378332.15
351510.66	2378357.97
351522.75	2378378.95
351526.60	2378397.05
351544.51	2378432.27
351555.01	2378446.87
351562.68	2378467.38
351571.28	2378489.67
351584.16	2378515.64

351595.72	2378539.60
351602.70	2378560.56
351613.25	2378581.98
351625.07	2378599.66
351631.60	2378612.87
351638.66	2378625.40
351647.53	2378647.52
351658.10	2378672.57
351668.07	2378694.90
351679.11	2378717.87
351689.90	2378736.83
351697.95	2378756.68
351712.78	2378775.11
351720.97	2378798.90
351731.19	2378819.90
351741.86	2378843.93
351751.97	2378870.35
351763.06	2378895.47
351773.54	2378918.02
351781.43	2378938.64
351784.67	2378949.42
351794.20	2378970.18
351801.53	2378989.76
351809.93	2379006.30
351814.64	2379021.73
351823.59	2379031.67
351829.62	2379047.77
351836.28	2379062.40
351839.25	2379071.56
351849.43	2379091.39
351858.97	2379107.93
351869.25	2379123.93
351872.81	2379137.53
351878.37	2379151.53
351885.18	2379164.35
351888.71	2379171.88
351898.63	2379189.90
351907.17	2379215.11
351904.25	2379256.70
351925.33	2379303.03
351937.96	2379332.22
351949.95	2379361.18
351956.85	2379380.90
351967.58	2379404.71
351976.09	2379426.35
351982.55	2379441.54
351997.06	2379466.15
352007.30	2379488.05
352016.07	2379516.72
352027.18	2379537.72
352034.41	2379556.53
352052.99	2379582.77
352075.30	2379642.88
352080.02	2379658.95
352086.63	2379673.26
352094.29	2379690.87
352097.21	2379709.33
352103.46	2379737.61
352119.41	2379753.93
352132.41	2379780.08

352141.46	2379796.48
352148.78	2379810.24
352161.40	2379836.40
352174.14	2379864.05
352183.97	2379882.59
352201.02	2379920.20
352221.87	2379973.63
352251.11	2380035.44
352254.20	2380052.94
352257.03	2380065.99
352268.10	2380085.79
352273.38	2380105.51
352284.06	2380118.78
352289.00	2380131.25
352298.35	2380156.98
352309.16	2380180.31
352322.04	2380209.39
352324.05	2380222.86
352328.42	2380238.20
352341.50	2380257.25
352356.26	2380286.35
352387.72	2380340.00
352405.15	2380384.52
352419.55	2380417.48
352439.73	2380472.25
352449.85	2380487.45
352462.60	2380519.82
352469.98	2380540.98
352474.35	2380562.32
352478.27	2380580.28
352484.83	2380608.15
352499.32	2380625.41
352522.13	2380673.46
352537.88	2380734.22
352545.19	2380761.88
352560.07	2380809.39
352571.65	2380836.57
352586.01	2380875.01
352596.92	2380908.86
352610.09	2380932.88
352621.77	2380966.57
352630.54	2380995.66
352644.65	2381029.15
352658.79	2381065.43
352676.04	2381111.82
352686.59	2381144.89
352696.21	2381164.45
352703.92	2381184.28
352725.74	2381230.77
352744.66	2381272.62
352754.51	2381297.39
352765.14	2381340.55
352782.70	2381365.20
352803.27	2381392.13
352815.98	2381430.14
352821.37	2381451.28
352832.05	2381481.00
352834.88	2381501.99
352850.14	2381530.18
352861.30	2381555.03

352866.44	2381572.65
352880.98	2381615.64
352895.13	2381653.73
352903.79	2381683.58
352906.17	2381722.31
352916.34	2381753.45
352928.38	2381782.75
352936.41	2381817.76
352944.50	2381843.94
352951.09	2381875.38
352960.31	2381896.76
352968.21	2381927.72
352978.36	2381955.75
352983.11	2381978.46
352997.32	2382033.98
352999.00	2382055.40
353003.28	2382078.30
353015.18	2382106.75
353023.78	2382129.27
353032.72	2382153.38
353046.01	2382180.58
353062.63	2382208.30
353073.98	2382240.04
353091.67	2382278.95
353103.58	2382311.94
353110.54	2382339.38
353117.15	2382364.32
353128.03	2382399.51
353137.52	2382424.51
353148.27	2382448.06
353169.11	2382478.49
353184.44	2382498.11
353208.87	2382536.29
353207.56	2382553.15
353212.60	2382577.02
353219.17	2382587.86
353222.59	2382600.88
353232.93	2382624.33
353235.43	2382638.00
353235.44	2382640.67
353237.64	2382643.98
353240.78	2382649.67
353246.31	2382668.83
353252.19	2382698.22
353259.26	2382719.56
353273.20	2382757.16
353280.62	2382777.98
353284.15	2382803.10
353291.31	2382834.10
353303.27	2382865.53
353306.32	2382883.80
353319.45	2382913.39
353320.83	2382933.60
353322.27	2382947.28
353333.07	2382970.36
353345.10	2383015.97
353359.23	2383048.43
353376.93	2383074.40
353395.50	2383098.22
353401.82	2383122.64

353415.91	2383159.84
353421.69	2383188.42
353430.74	2383234.26
353435.40	2383266.22
353423.06	2383275.50
353401.05	2383282.35
353408.46	2383319.96
353419.11	2383350.42
353428.83	2383371.78
353436.88	2383397.26
353441.12	2383416.71
353447.19	2383440.27
353461.66	2383476.18
353474.79	2383508.44
353487.43	2383539.54
353501.23	2383574.12
353509.55	2383596.90
353514.20	2383609.21
353523.85	2383635.66
353528.81	2383649.56
353533.23	2383661.64
353537.09	2383672.34
353539.40	2383678.68
353541.50	2383684.31
353543.82	2383690.76
353546.79	2383697.00
353550.71	2383705.10
353554.02	2383711.94
353557.71	2383719.61
353561.24	2383726.89
353564.17	2383733.12
353570.12	2383734.39
353575.20	2383735.44
353578.12	2383742.89
353580.49	2383748.79
353582.09	2383752.87
353586.23	2383763.51
353590.31	2383774.10
353594.01	2383783.31
353597.26	2383791.75
353598.81	2383795.72
353602.17	2383804.33
353603.16	2383806.92
353606.09	2383815.64
353609.40	2383825.18
353612.32	2383833.62
353614.14	2383838.75
353618.33	2383850.93
353622.85	2383863.95
353626.93	2383875.64
353628.09	2383879.06
353631.07	2383887.67
353633.77	2383895.50
353636.20	2383906.37
353639.29	2383921.09
353641.55	2383932.07
353644.47	2383945.75
353647.34	2383959.65
353648.61	2383965.93
353650.54	2383975.42

353652.14	2383982.98
353653.41	2383988.99
353654.02	2383998.92
353654.46	2384006.86
353656.99	2384017.50
353660.36	2384029.75
353663.28	2384040.56
353664.55	2384045.58
353668.25	2384059.48
353671.17	2384070.34
353673.87	2384080.49
353678.28	2384097.20
353681.87	2384110.72
353683.91	2384118.49
353687.66	2384132.78
353690.36	2384142.93
353692.85	2384152.52
353697.09	2384168.64
353700.68	2384182.08
353705.92	2384201.94
353711.02	2384221.24
353714.05	2384232.75
353717.22	2384246.20
353718.19	2384250.20
353719.64	2384253.37
353721.64	2384257.51
353722.88	2384259.92
353723.43	2384263.43
353724.95	2384273.22
353726.39	2384282.39
353727.43	2384288.39
353728.12	2384292.80
353728.94	2384296.60
353730.39	2384302.80
353732.46	2384311.56
353734.87	2384321.69
353735.91	2384326.17
353739.29	2384340.58
353742.04	2384352.10
353744.66	2384363.40
353746.80	2384372.78
353749.83	2384385.81
353752.39	2384396.29
353754.87	2384403.74
353758.18	2384413.60
353759.42	2384417.25
353760.73	2384422.56
353764.80	2384438.28
353767.97	2384450.69
353769.76	2384457.86
353771.35	2384462.61
353773.69	2384469.78
353775.83	2384476.13
353779.41	2384486.88
353783.34	2384498.60
353787.06	2384509.63
353788.86	2384515.15
353790.37	2384522.80
353791.82	2384529.84
353794.58	2384543.00

353797.96	2384559.34
353800.09	2384570.17
353801.54	2384576.99
353802.65	2384582.37
353805.20	2384590.99
353807.75	2384599.88
353811.06	2384610.84
353814.71	2384623.32
353816.71	2384630.01
353819.67	2384640.15
353823.60	2384652.90
353827.67	2384666.69
353830.77	2384677.31
353836.22	2384695.85
353840.43	2384709.92
353843.39	2384719.78
353845.46	2384726.81
353848.49	2384737.36
353849.60	2384740.94
353851.11	2384748.80
353853.18	2384759.83
353855.11	2384769.76
353856.22	2384775.76
353858.70	2384784.58
353861.87	2384795.82
353864.56	2384805.75
353866.63	2384813.20
353868.35	2384819.40
353870.35	2384826.85
353871.45	2384829.81
353874.49	2384838.84
353877.52	2384847.81
353880.21	2384855.32
353882.28	2384861.53
353887.09	2384875.49
353892.50	2384891.32
353899.33	2384911.22
353904.46	2384926.35
353907.46	2384935.13
353912.93	2384950.96
353918.35	2384966.39
353922.53	2384977.58
353928.42	2384993.82
353933.78	2385008.66
353937.25	2385017.85
353939.75	2385024.83
353946.65	2385043.60
353952.72	2385060.25
353958.70	2385076.53
353964.22	2385091.71
353967.16	2385099.44
353967.99	2385101.92
353970.38	2385109.65
353973.42	2385118.66
353978.02	2385132.92
353982.25	2385146.17
353992.09	2385176.53
354000.65	2385203.02
354004.60	2385215.07
354015.06	2385246.06

354027.98	2385282.86
354037.72	2385310.85
354047.30	2385338.38
354055.97	2385363.47
354062.97	2385382.94
354073.46	2385410.47
354081.22	2385430.40
354088.21	2385448.50
354092.62	2385460.36
354095.21	2385466.29
354101.14	2385468.12
354109.51	2385479.68
354114.98	2385487.43
354117.87	2385490.63
354123.35	2385496.10
354133.23	2385507.36
354148.75	2385525.30
354161.52	2385540.67
354165.33	2385545.23
354168.52	2385552.83
354175.67	2385570.02
354183.43	2385589.34
354191.79	2385609.56
354205.17	2385642.11
354216.58	2385669.79
354221.45	2385681.81
354227.23	2385698.84
354235.59	2385723.33
354252.32	2385772.31
354266.93	2385815.04
354275.29	2385841.51
354285.78	2385875.58
354295.37	2385907.37
354305.10	2385939.00
354309.06	2385951.63
354318.64	2385983.11
354325.79	2386006.99
354332.48	2386030.41
354338.26	2386049.88
354343.73	2386068.89
354350.27	2386091.55
354352.40	2386099.01
354358.03	2386113.61
354363.66	2386128.66
354370.96	2386147.83
354376.74	2386163.19
354382.97	2386179.62
354394.23	2386209.88
354400.46	2386226.76
354409.29	2386249.58
354414.30	2386264.18
354420.24	2386281.21
354422.06	2386286.69
354434.99	2386323.95
354442.59	2386345.55
354449.59	2386366.24
354457.65	2386389.81
354464.04	2386411.56
354470.58	2386432.85
354479.10	2386460.53

354484.72	2386479.24
354491.42	2386500.84
354496.28	2386516.96
354497.65	2386521.37
354506.78	2386544.49
354518.19	2386572.63
354527.77	2386597.12
354533.09	2386610.04
354548.76	2386647.76
354563.05	2386681.38
354575.98	2386712.10
354583.74	2386730.05
354591.95	2386750.12
354600.77	2386779.78
354609.75	2386810.35
354619.48	2386844.12
354627.54	2386871.95
354634.54	2386905.87
354644.73	2386956.21
354650.69	2386985.86
354653.75	2386999.88
354669.05	2387037.88
354688.43	2387085.56
354698.63	2387114.88
354719.29	2387173.78
354732.80	2387220.45
354748.61	2387274.50
354756.26	2387301.53
354775.13	2387371.91
354789.92	2387425.71
354803.69	2387471.61
354813.38	2387503.99
354817.71	2387519.29
354832.24	2387547.85
354850.35	2387583.29
354876.87	2387635.31
354882.22	2387646.27
354890.89	2387666.42
354905.17	2387700.07
354926.84	2387750.56
354950.30	2387804.11
354974.78	2387859.18
354989.31	2387891.82
355003.34	2387922.93
355007.42	2387934.91
355030.11	2388005.04
355047.71	2388058.58
355049.24	2388064.19
355053.32	2388081.28
355070.15	2388154.71
355082.38	2388206.47
355100.74	2388245.49
355123.44	2388294.70
355130.83	2388310.25
355141.29	2388336.52
355162.19	2388388.02
355168.06	2388403.07
355189.99	2388457.12
355197.89	2388475.99
355199.42	2388479.82

355212.17	2388504.55
355236.40	2388550.19
355245.58	2388567.79
355247.87	2388584.62
355258.32	2388656.52
355267.76	2388718.74
355271.33	2388742.96
355281.78	2388771.01
355305.70	2388836.02
355313.27	2388857.54
355336.38	2388947.98
355354.71	2389019.69
355356.30	2389026.47
355360.68	2389069.50
355366.26	2389130.05
355368.25	2389153.56
355382.60	2389197.78
355401.72	2389257.95
355410.89	2389286.63
355430.81	2389348.39
355453.91	2389420.50
355476.62	2389491.42
355496.15	2389554.37
355516.46	2389620.50
355530.01	2389662.34
355555.91	2389718.11
355589.37	2389788.23
355618.06	2389844.81
355649.14	2389905.77
355655.51	2389918.91
355673.84	2389960.75
355700.13	2390021.31
355707.70	2390038.44
355721.65	2390086.25
355729.22	2390112.54
355747.55	2390138.04
355769.06	2390167.92
355782.61	2390186.65
355795.75	2390209.36
355816.87	2390246.81
355826.03	2390262.75
355851.93	2390330.88
355874.64	2390388.65
355882.21	2390407.37
355919.66	2390469.92
355960.70	2390534.47
355987.39	2390574.31
356017.27	2390616.14
356040.38	2390648.41
356053.13	2390673.91
356063.49	2390687.06
356092.57	2390725.70
356132.02	2390776.70
356155.52	2390811.76
356204.93	2390888.66
356231.22	2390922.12
356263.97	2390964.93
356318.56	2391035.61
356346.32	2391071.90
356361.47	2391090.51

356400.91	2391136.27
356462.13	2391206.32
356500.94	2391248.92
356523.35	2391273.85
356537.23	2391290.57
356573.83	2391334.43
356609.49	2391377.35
356642.31	2391417.74
356670.08	2391451.19
356694.06	2391478.64
356726.24	2391514.93
356735.39	2391525.34
356746.75	2391531.33
356775.47	2391549.64
356810.18	2391571.41
356832.90	2391586.24
356842.68	2391592.55
356851.83	2391602.96
356868.24	2391621.58
356892.54	2391643.99
356919.67	2391668.28
356949.65	2391692.90
356961.33	2391702.68
356985.94	2391717.19
357004.56	2391728.87
357013.08	2391731.71
357023.17	2391733.92
357042.11	2391738.97
357063.57	2391745.02
357072.76	2391747.73
357074.78	2391747.70
357081.11	2391749.45
357085.23	2391751.37
357087.87	2391752.16
357090.74	2391753.20
357096.25	2391755.05
357100.36	2391755.84
357104.48	2391756.73
357111.23	2391758.04
357114.08	2391758.59
357116.82	2391759.97
357122.38	2391762.74
357127.47	2391762.69
357130.81	2391762.62
357136.50	2391761.85
357138.70	2391761.55
357141.32	2391762.76
357145.92	2391764.91
357148.68	2391765.78
357154.39	2391767.31
357157.76	2391768.25
357163.50	2391769.85
357169.65	2391772.02
357173.11	2391773.22
357178.95	2391775.97
357181.91	2391777.33
357187.57	2391779.68
357192.54	2391781.69
357196.65	2391783.67
357203.02	2391786.82

357213.34	2391789.88
357221.96	2391793.46
357227.77	2391795.63
357234.01	2391797.72
357242.40	2391802.43
357250.61	2391805.92
357258.06	2391810.54
357265.41	2391812.24
357268.71	2391812.99
357279.37	2391816.39
357288.98	2391820.25
357296.91	2391825.72
357304.92	2391831.57
357307.37	2391833.36
357310.39	2391834.31
357312.94	2391835.25
357318.59	2391838.64
357324.44	2391842.13
357335.38	2391848.64
357342.26	2391852.69
357348.39	2391856.37
357353.86	2391859.58
357358.48	2391860.90
357365.84	2391863.07
357373.29	2391868.35
357378.76	2391872.50
357391.39	2391883.25
357394.50	2391885.89
357399.12	2391891.26
357408.74	2391898.80
357414.12	2391902.86
357419.68	2391908.71
357425.34	2391916.44
357427.60	2391919.55
357433.54	2391923.70
357438.16	2391927.75
357444.11	2391933.32
357448.25	2391939.82
357454.86	2391947.84
357456.46	2391949.91
357458.82	2391954.35
357462.21	2391959.25
357463.72	2391961.42
357474.47	2391964.06
357485.50	2391966.98
357497.10	2391973.49
357508.42	2391979.81
357512.47	2391982.07
357517.00	2391987.45
357520.77	2391991.69
357528.22	2391996.97
357532.46	2392000.46
357540.57	2392007.81
357547.55	2392013.94
357554.91	2392020.07
357558.68	2392022.81
357562.73	2392027.71
357567.73	2392032.61
357580.74	2392043.74
357597.15	2392057.89

357610.19	2392068.84
357626.31	2392082.88
357648.87	2392102.22
357654.17	2392106.60
357664.53	2392117.19
357677.88	2392129.16
357685.75	2392136.73
357693.67	2392143.55
357703.43	2392154.41
357718.35	2392169.52
357730.14	2392181.86
357737.51	2392194.01
357747.27	2392210.22
357752.61	2392215.74
357762.19	2392226.24
357777.29	2392242.63
357798.84	2392265.66
357826.28	2392295.49
357839.17	2392309.49
357858.33	2392330.67
357873.61	2392330.12
357884.11	2392344.67
357890.92	2392354.61
357897.00	2392360.14
357897.55	2392363.82
357900.69	2392368.24
357911.00	2392382.61
357915.60	2392386.47
357923.34	2392391.26
357929.79	2392396.60
357943.78	2392411.71
357958.89	2392425.52
357964.41	2392431.23
357969.38	2392439.33
357978.59	2392447.25
357985.41	2392457.01
357996.09	2392465.30
358002.35	2392472.30
358007.51	2392478.56
358013.22	2392483.90
358023.35	2392493.48
358042.32	2392511.90
358060.73	2392528.84
358078.23	2392545.23
358096.83	2392562.73
358108.07	2392573.41
358119.85	2392585.02
358133.67	2392597.72
358140.67	2392605.64
358144.35	2392610.25
358152.82	2392617.80
358170.50	2392635.48
358187.63	2392652.42
358200.71	2392665.13
358205.87	2392669.92
358208.08	2392672.87
358212.86	2392678.03
358216.55	2392681.89
358223.73	2392690.55
358228.52	2392696.44

358232.94	2392701.42
358235.89	2392704.55
358238.83	2392707.12
358242.15	2392710.99
358258.17	2392728.49
358277.69	2392749.67
358292.43	2392765.88
358309.56	2392785.03
358326.50	2392803.26
358342.16	2392820.76
358355.23	2392833.65
358360.02	2392842.13
358371.07	2392849.49
358376.23	2392854.10
358384.33	2392866.99
358388.75	2392875.28
358395.93	2392880.07
358402.20	2392884.30
358411.04	2392898.48
358424.30	2392911.01
358445.48	2392931.64
358450.45	2392936.61
358469.42	2392968.65
358473.66	2392975.65
358477.16	2392981.55
358492.44	2393007.33
358511.41	2393038.46
358516.57	2393043.61
358524.49	2393053.56
358532.04	2393061.30
358542.17	2393066.64
358547.51	2393069.40
358552.85	2393076.21
358562.80	2393089.11
358575.69	2393100.89
358588.03	2393114.89
358598.34	2393125.94
358602.21	2393131.10
358605.90	2393134.78
358612.16	2393143.44
358616.02	2393148.78
358621.73	2393154.86
358630.39	2393164.07
358637.21	2393171.06
358641.07	2393179.54
358642.91	2393183.59
358645.49	2393186.90
358655.44	2393195.93
358677.36	2393214.53
358705.17	2393238.47
358723.77	2393254.50
358754.16	2393280.46
358759.31	2393285.07
358774.23	2393299.62
358784.36	2393309.38
358787.86	2393313.25
358794.31	2393318.22
358800.94	2393324.11
358809.96	2393333.69
358817.51	2393341.43

358826.54	2393348.98
358834.09	2393355.79
358837.77	2393360.03
358843.30	2393365.74
358853.24	2393372.74
358858.40	2393375.68
358863.56	2393378.08
358878.48	2393389.13
358885.84	2393394.47
358894.31	2393400.18
358899.47	2393404.23
358903.52	2393406.99
358907.76	2393411.05
358917.89	2393419.70
358933.73	2393431.86
358936.68	2393434.44
358945.15	2393442.72
358955.09	2393450.28
358974.06	2393466.67
358983.46	2393473.48
358999.51	2393483.77
359005.27	2393488.81
359007.79	2393492.05
359017.86	2393497.08
359023.62	2393505.00
359031.53	2393510.75
359039.81	2393515.10
359046.08	2393520.81
359055.84	2393528.73
359058.23	2393530.39
359071.49	2393545.49
359077.20	2393551.20
359086.23	2393560.96
359091.75	2393565.57
359095.80	2393568.15
359101.70	2393571.09
359106.85	2393573.49
359115.69	2393579.01
359122.88	2393586.20
359125.82	2393594.48
359136.69	2393598.91
359141.48	2393605.72
359150.87	2393618.24
359158.98	2393622.85
359168.74	2393628.93
359173.89	2393632.79
359178.31	2393638.13
359183.66	2393644.40
359190.29	2393651.40
359194.34	2393655.26
359200.60	2393651.21
359209.62	2393645.13
359225.83	2393633.53
359249.22	2393616.22
359258.80	2393609.22
359275.19	2393597.43
359285.50	2393584.72
359302.45	2393564.46
359308.53	2393556.91
359343.34	2393550.84

359366.17	2393546.78
359386.25	2393537.76
359407.80	2393528.55
359441.13	2393514.55
359473.36	2393500.74
359488.47	2393494.29
359522.54	2393479.37
359559.37	2393462.80
359579.82	2393453.59
359591.42	2393447.70
359635.44	2393425.78
359653.30	2393416.75
359681.67	2393409.76
359684.98	2393409.02
359715.00	2393401.47
359725.13	2393398.89
359751.47	2393387.66
359775.60	2393377.16
359797.15	2393372.55
359820.35	2393368.13
359827.53	2393370.90
359859.21	2393383.97
359861.98	2393385.26
359869.71	2393385.81
359902.86	2393388.76
359924.23	2393390.42
359949.09	2393386.73
359973.40	2393383.05
360010.24	2393377.53
360016.87	2393376.60
360037.50	2393368.50
360048.55	2393363.90
360091.46	2393346.95
360127.56	2393331.48
360138.42	2393327.06
360156.84	2393319.14
360178.21	2393308.83
360212.65	2393292.25
360226.46	2393285.44
360252.61	2393272.18
360284.84	2393255.05
360310.81	2393241.60
360330.89	2393230.92
360338.25	2393227.24
360354.28	2393214.90
360385.22	2393191.88
360406.22	2393176.41
360436.60	2393154.30
360471.23	2393129.07
360497.57	2393110.29
360523.26	2393094.41
360547.14	2393079.73
360554.05	2393075.70
360586.57	2393060.45
360614.48	2393046.92
360646.43	2393031.10
360673.48	2393017.28
360697.08	2393004.91
360727.58	2392996.85
360750.31	2392990.52

360782.83	2392981.31
360804.42	2392977.86
360834.06	2392973.54
360841.54	2392971.81
360860.53	2392955.99
360869.16	2392947.35
360896.79	2392916.27
360916.94	2392894.40
360944.85	2392866.78
360973.05	2392838.29
360995.21	2392814.69
361019.38	2392789.08
361045.57	2392760.59
361076.65	2392724.90
361095.36	2392702.75
361116.94	2392677.71
361141.69	2392647.20
361163.27	2392620.15
361181.11	2392593.97
361203.85	2392561.16
361222.84	2392537.85
361250.18	2392505.04
361280.40	2392467.35
361309.75	2392429.07
361318.96	2392417.85
361341.40	2392379.00
361365.29	2392339.00
361378.81	2392316.55
361393.49	2392283.46
361407.02	2392253.53
361427.16	2392208.92
361447.88	2392164.89
361462.27	2392134.39
361474.07	2392108.20
361490.76	2392071.94
361504.28	2392043.16
361526.44	2391999.14
361537.95	2391974.67
361547.16	2391955.97
361551.19	2391937.55
361556.66	2391910.21
361562.13	2391883.16
361565.87	2391855.82
361567.31	2391844.60
361545.44	2391821.29
361527.02	2391800.86
361518.39	2391791.94

END

DHEC-OCRM SETBACK LINE COORDINATES
ISLE OF PALMS
VALID AS OF 3/29/99
STATE-PLANE COORDINATE SYSTEM, NAD 1983
INTERNATIONAL FEET

NORTHING	EASTING
345396.67	2365437.45
345385.15	2365440.84
345322.22	2365460.20
345256.73	2365481.57
345196.77	2365503.63
345143.38	2365524.16
345100.94	2365544.01
345067.02	2365558.25
345064.78	2365559.04
345034.64	2365567.65
344975.18	2365594.08
344909.59	2365614.57
344856.22	2365643.31
344827.06	2365678.30
344805.75	2365733.70
344785.74	2365776.09
344763.89	2365861.32
344746.16	2365956.59
344732.95	2366084.33
344741.48	2366178.26
344771.76	2366249.61
344792.75	2366319.17
344809.18	2366461.88
344824.67	2366572.50
344853.16	2366664.55
344918.04	2366821.17
344972.02	2366962.82
345007.60	2367040.65
345059.14	2367143.74
345110.52	2367244.26
345168.64	2367340.38
345226.99	2367439.13
345316.72	2367575.97
345361.98	2367655.09
345417.62	2367737.44
345493.92	2367842.91
345563.49	2367939.41
345646.43	2368047.02
345725.07	2368145.88
345813.35	2368277.05
345893.85	2368379.91
345988.30	2368499.09
346039.99	2368580.23
346106.17	2368680.27
346207.17	2368826.16
346276.79	2368922.74
346342.52	2369031.40
346405.04	2369118.49
346468.03	2369206.22
346542.52	2369316.81
346604.64	2369405.92
346641.10	2369468.12
346684.76	2369539.36

346739.66	2369633.13
346796.53	2369708.20
346860.46	2369804.61
346908.69	2369873.51
346953.64	2369938.05
346986.23	2369993.79
347032.84	2370057.45
347079.04	2370122.13
347134.32	2370199.29
347167.07	2370249.55
347204.01	2370307.27
347252.31	2370384.32
347316.62	2370479.64
347361.65	2370547.75
347417.37	2370640.58
347465.64	2370719.88
347496.47	2370768.99
347542.35	2370836.65
347580.69	2370897.05
347618.72	2370958.14
347655.49	2371015.59
347691.18	2371070.84
347732.01	2371141.96
347765.29	2371199.33
347777.05	2371218.72
347798.72	2371241.30
347815.41	2371255.10
347819.33	2371259.46
347836.17	2371284.88
347863.43	2371333.36
347888.65	2371381.48
347914.68	2371422.22
347953.84	2371496.73
347985.26	2371556.53
348015.09	2371620.58
348044.51	2371689.85
348047.66	2371693.27
348049.18	2371695.65
348051.05	2371698.31
348073.88	2371746.87
348075.37	2371751.36
348077.15	2371760.06
348081.47	2371765.16
348089.13	2371770.70
348091.55	2371772.76
348094.53	2371776.56
348101.58	2371788.24
348102.94	2371790.93
348104.46	2371798.58
348104.33	2371800.87
348103.20	2371810.65
348111.55	2371838.04
348114.55	2371848.17
348125.19	2371877.25
348149.87	2371911.58
348173.18	2371955.58
348174.77	2371959.62
348180.06	2371979.03
348215.33	2372012.90
348219.96	2372019.67

348221.42	2372025.75
348223.56	2372052.81
348227.37	2372067.58
348235.38	2372087.61
348236.16	2372090.00
348246.23	2372128.69
348291.82	2372177.98
348294.18	2372181.09
348312.96	2372211.68
348314.40	2372214.49
348315.19	2372216.81
348318.91	2372230.25
348325.56	2372252.96
348345.49	2372313.83
348359.02	2372332.71
348361.25	2372336.71
348371.02	2372361.13
348398.97	2372396.85
348409.68	2372415.61
348410.67	2372417.67
348424.91	2372456.03
348425.94	2372460.07
348428.71	2372478.83
348436.86	2372498.24
348465.06	2372546.35
348466.28	2372548.81
348467.80	2372556.46
348467.04	2372561.92
348446.08	2372635.77
348479.59	2372702.66
348487.63	2372715.02
348500.45	2372739.09
348512.84	2372758.77
348514.39	2372761.77
348515.10	2372763.76
348518.06	2372773.80
348525.58	2372784.34
348542.30	2372812.18
348545.51	2372815.60
348548.11	2372819.04
348557.29	2372834.42
348558.51	2372836.84
348569.64	2372863.19
348576.08	2372875.83
348586.15	2372892.97
348597.54	2372915.16
348604.66	2372927.71
348612.47	2372943.21
348617.51	2372952.79
348625.57	2372964.34
348638.36	2372983.81
348646.07	2372997.12
348652.04	2373006.76
348653.27	2373009.16
348657.26	2373018.24
348667.52	2373033.22
348669.50	2373036.87
348674.52	2373050.08
348687.84	2373072.41
348694.66	2373084.67

348704.38	2373101.28
348705.59	2373103.73
348710.73	2373119.93
348722.52	2373141.48
348734.98	2373161.01
348757.53	2373208.88
348767.28	2373223.83
348768.30	2373225.77
348775.10	2373239.90
348791.60	2373269.76
348792.58	2373271.78
348799.80	2373295.13
348803.10	2373302.95
348827.11	2373341.30
348839.11	2373362.94
348854.78	2373394.92
348863.86	2373420.74
348870.01	2373436.08
348881.13	2373465.12
348889.81	2373477.50
348891.91	2373481.32
348892.85	2373484.19
348897.83	2373504.41
348906.57	2373520.42
348913.92	2373536.26
348915.18	2373539.89
348919.45	2373557.41
348923.49	2373588.02
348934.51	2373609.69
348949.51	2373631.47
348951.52	2373635.16
348952.33	2373637.55
348956.27	2373652.00
348973.46	2373671.08
348985.65	2373681.81
348990.38	2373687.99
349001.45	2373710.44
349003.07	2373715.10
349005.96	2373728.62
349019.66	2373745.19
349035.41	2373772.23
349036.51	2373774.47
349047.24	2373800.95
349056.03	2373815.47
349057.40	2373818.17
349063.74	2373834.06
349072.51	2373850.57
349082.21	2373864.15
349083.39	2373866.27
349103.09	2373906.30
349113.72	2373932.67
349124.14	2373950.00
349132.73	2373964.11
349143.96	2373976.95
349153.72	2373985.62
349166.04	2373992.68
349170.24	2373995.89
349172.92	2373999.22
349184.17	2374016.72
349193.70	2374032.01

349199.73	2374040.37
349207.51	2374053.83
349208.60	2374056.05
349213.89	2374069.16
349224.18	2374089.13
349235.45	2374112.04
349239.97	2374121.36
349245.11	2374129.38
349257.43	2374150.04
349267.25	2374170.08
349273.05	2374188.12
349278.82	2374200.41
349288.17	2374224.51
349298.57	2374241.87
349320.95	2374275.57
349322.58	2374278.63
349326.97	2374288.82
349334.45	2374307.66
349348.33	2374332.38
349354.62	2374344.20
349364.82	2374364.35
349373.00	2374383.80
349382.50	2374395.57
349400.24	2374427.48
349408.73	2374442.76
349420.21	2374465.69
349433.74	2374484.36
349435.54	2374487.58
349445.84	2374510.66
349452.39	2374526.53
349459.41	2374536.93
349465.61	2374548.76
349474.40	2374565.33
349480.99	2374579.48
349490.83	2374593.20
349502.09	2374611.95
349503.39	2374614.54
349508.38	2374628.31
349513.55	2374637.98
349536.54	2374672.77
349538.33	2374676.14
349548.10	2374699.76
349552.15	2374712.80
349562.69	2374729.53
349574.36	2374752.14
349582.71	2374772.86
349586.40	2374777.68
349594.66	2374790.31
349596.36	2374793.54
349599.51	2374803.35
349606.85	2374812.12
349617.33	2374828.61
349628.16	2374843.64
349632.95	2374852.16
349636.46	2374857.95
349647.69	2374879.59
349658.32	2374896.08
349665.91	2374907.30
349679.47	2374929.81
349689.28	2374947.66

349694.03	2374958.18
349701.48	2374973.23
349711.10	2374991.90
349719.12	2375003.02
349721.01	2375006.42
349726.42	2375018.70
349736.20	2375030.75
349737.44	2375032.84
349744.87	2375046.85
349752.79	2375062.58
349764.72	2375085.77
349767.32	2375092.31
349776.43	2375108.20
349785.25	2375127.73
349788.93	2375138.30
349799.82	2375154.04
349801.13	2375156.45
349808.71	2375172.50
349814.22	2375184.75
349829.69	2375204.94
349837.94	2375218.40
349839.29	2375221.07
349840.16	2375223.66
349844.25	2375239.30
349853.09	2375254.61
349860.76	2375268.37
349868.07	2375281.82
349878.47	2375301.43
349880.21	2375306.01
349882.09	2375313.60
349893.89	2375331.55
349903.58	2375343.82
349906.36	2375348.55
349912.88	2375364.60
349921.08	2375379.43
349931.06	2375394.81
349939.63	2375410.24
349944.76	2375417.49
349958.27	2375441.73
349966.08	2375454.90
349978.83	2375471.89
349980.58	2375474.95
349987.64	2375490.15
349994.47	2375505.15
350003.19	2375520.77
350021.41	2375547.73
350031.73	2375563.91
350044.12	2375587.64
350063.79	2375624.37
350078.35	2375660.71
350093.05	2375690.45
350101.38	2375706.31
350110.28	2375723.21
350115.39	2375728.90
350117.54	2375731.78
350129.35	2375750.95
350140.93	2375765.70
350159.39	2375790.00
350161.94	2375794.45
350168.34	2375814.19

350173.78	2375828.49
350189.89	2375855.51
350196.66	2375867.50
350197.71	2375869.67
350203.72	2375887.63
350214.57	2375899.84
350216.18	2375902.41
350217.69	2375904.54
350226.36	2375922.80
350237.76	2375945.29
350247.65	2375963.16
350260.79	2375981.59
350262.98	2375985.55
350269.58	2376002.53
350281.38	2376018.11
350295.23	2376034.69
350297.03	2376037.67
350307.78	2376060.02
350316.94	2376081.40
350332.06	2376104.81
350348.77	2376129.95
350350.59	2376133.37
350358.27	2376152.64
350367.61	2376166.07
350369.67	2376169.84
350371.50	2376175.30
350383.61	2376190.44
350395.36	2376209.81
350409.05	2376230.97
350421.26	2376255.57
350435.97	2376282.94
350451.76	2376309.24
350463.48	2376325.55
350486.33	2376367.41
350499.90	2376391.89
350518.35	2376422.10
350537.72	2376451.43
350573.12	2376517.98
350593.44	2376544.29
350595.35	2376547.59
350603.79	2376565.99
350612.26	2376577.54
350613.63	2376579.97
350626.71	2376607.01
350642.81	2376632.15
350644.44	2376635.28
350652.88	2376656.94
350666.93	2376680.24
350676.80	2376698.04
350709.58	2376765.44
350721.07	2376787.39
350732.32	2376807.63
350744.09	2376828.18
350757.85	2376857.67
350768.52	2376875.67
350776.62	2376888.17
350791.29	2376915.28
350800.89	2376937.40
350810.93	2376957.34
350825.47	2376980.13

350837.09	2376997.65
350838.53	2377000.35
350845.56	2377016.14
350857.56	2377034.22
350858.92	2377036.79
350870.79	2377063.16
350872.98	2377068.90
350880.07	2377081.70
350889.34	2377099.82
350899.97	2377112.41
350901.79	2377115.42
350914.81	2377142.65
350923.05	2377161.16
350943.52	2377201.30
350958.03	2377231.02
350973.32	2377253.85
350975.18	2377257.32
350982.11	2377275.26
350993.31	2377295.11
350994.36	2377297.28
351003.40	2377320.97
351008.17	2377332.47
351021.60	2377361.28
351032.19	2377378.11
351040.26	2377386.91
351043.33	2377391.71
351050.02	2377406.97
351066.60	2377440.13
351078.64	2377462.34
351092.72	2377485.17
351102.69	2377503.85
351105.03	2377512.69
351105.41	2377526.80
351119.62	2377563.71
351136.60	2377592.37
351149.37	2377612.18
351163.17	2377637.30
351177.09	2377662.30
351191.22	2377686.16
351197.70	2377698.36
351208.11	2377717.34
351231.36	2377763.01
351240.61	2377779.73
351250.88	2377801.85
351254.90	2377810.31
351269.34	2377836.91
351276.42	2377858.23
351289.86	2377883.48
351297.74	2377900.50
351301.66	2377910.54
351312.04	2377930.30
351328.67	2377957.86
351329.87	2377960.25
351338.76	2377981.01
351347.85	2377997.39
351362.19	2378025.22
351371.57	2378045.28
351380.59	2378062.88
351392.41	2378082.93
351407.68	2378108.31

351420.01	2378129.16
351434.07	2378160.30
351435.20	2378163.55
351438.04	2378174.77
351448.90	2378194.88
351455.56	2378206.63
351478.81	2378247.73
351479.88	2378249.92
351489.82	2378275.03
351498.40	2378295.26
351507.71	2378313.03
351513.02	2378321.77
351528.01	2378348.02
351540.08	2378368.96
351541.22	2378371.29
351542.31	2378374.79
351545.61	2378390.32
351561.65	2378421.83
351571.25	2378435.20
351573.49	2378439.22
351581.38	2378460.28
351589.61	2378481.61
351602.08	2378506.75
351613.74	2378530.91
351621.24	2378552.94
351630.61	2378571.96
351641.70	2378588.55
351649.29	2378603.52
351656.08	2378615.58
351657.14	2378617.74
351666.03	2378639.91
351676.45	2378664.60
351686.22	2378686.49
351696.84	2378708.58
351707.28	2378726.94
351708.37	2378729.17
351715.38	2378746.44
351728.36	2378762.58
351731.25	2378767.46
351739.48	2378791.25
351749.17	2378811.15
351760.14	2378835.81
351770.47	2378862.73
351781.28	2378887.22
351791.68	2378909.59
351800.11	2378931.49
351803.42	2378942.33
351812.38	2378961.83
351819.87	2378981.70
351827.77	2378997.24
351832.47	2379011.65
351838.45	2379018.28
351842.07	2379024.02
351848.11	2379040.11
351854.48	2379054.11
351857.78	2379063.86
351866.99	2379081.82
351876.05	2379097.52
351886.07	2379113.11
351887.73	2379116.27

351888.60	2379118.86
351891.85	2379131.29
351896.55	2379143.12
351902.84	2379154.96
351906.54	2379162.81
351916.14	2379180.25
351926.11	2379208.69
351927.17	2379215.11
351924.55	2379253.04
351943.54	2379294.74
351956.32	2379324.28
351968.43	2379353.53
351975.44	2379373.48
351985.82	2379396.49
351994.60	2379418.77
352000.45	2379432.51
352014.29	2379455.99
352025.42	2379479.58
352034.64	2379509.05
352044.86	2379528.36
352052.04	2379546.67
352069.34	2379571.26
352071.46	2379575.11
352094.05	2379635.92
352098.79	2379651.90
352104.78	2379664.87
352112.63	2379682.89
352114.04	2379687.75
352116.87	2379705.61
352121.75	2379727.71
352133.71	2379739.95
352137.32	2379745.02
352150.13	2379770.79
352158.97	2379786.81
352166.44	2379800.86
352179.41	2379827.71
352192.07	2379855.17
352201.64	2379873.22
352219.24	2379911.94
352240.25	2379965.71
352269.19	2380026.88
352270.80	2380031.96
352273.83	2380049.08
352275.94	2380058.83
352285.56	2380076.03
352286.58	2380078.14
352287.42	2380080.62
352291.60	2380096.26
352299.64	2380106.23
352302.54	2380111.12
352307.60	2380123.89
352316.86	2380149.34
352327.31	2380171.91
352340.33	2380201.29
352341.82	2380206.45
352343.64	2380218.63
352346.75	2380229.57
352357.99	2380245.93
352373.82	2380276.76
352404.97	2380329.89

352406.19	2380332.35
352423.64	2380376.87
352437.87	2380409.48
352457.68	2380463.12
352466.50	2380476.36
352468.33	2380479.79
352481.21	2380512.50
352488.87	2380534.39
352493.91	2380558.19
352497.77	2380575.85
352503.21	2380598.94
352514.64	2380612.55
352516.30	2380615.30
352540.20	2380664.88
352541.49	2380668.44
352557.23	2380729.15
352564.41	2380756.33
352578.86	2380802.46
352590.05	2380828.74
352604.74	2380868.01
352615.38	2380900.91
352627.63	2380923.27
352640.67	2380960.01
352649.38	2380988.87
352663.08	2381021.39
352677.43	2381058.16
352694.78	2381104.85
352705.19	2381137.40
352714.16	2381155.62
352722.32	2381176.40
352743.84	2381222.27
352762.88	2381264.38
352773.09	2381290.00
352773.93	2381292.61
352783.64	2381332.05
352798.80	2381353.33
352819.17	2381379.99
352821.75	2381384.48
352834.95	2381423.80
352840.51	2381445.41
352850.87	2381474.24
352851.87	2381478.34
352854.21	2381495.69
352867.73	2381520.65
352879.55	2381546.84
352885.52	2381566.65
352899.83	2381608.95
352913.88	2381646.76
352922.99	2381678.01
352923.39	2381680.82
352925.97	2381718.53
352935.12	2381746.53
352946.88	2381775.15
352947.87	2381778.28
352955.74	2381812.56
352963.61	2381838.04
352970.25	2381869.31
352978.67	2381888.83
352979.69	2381891.81
352987.35	2381921.83

352997.16	2381948.94
352997.93	2381951.65
353002.60	2381973.94
353016.69	2382029.02
353016.97	2382031.22
353018.86	2382052.77
353022.55	2382072.54
353033.63	2382099.04
353042.46	2382122.13
353050.11	2382142.76
353052.83	2382146.72
353063.79	2382171.34
353079.79	2382198.02
353081.11	2382200.65
353092.53	2382232.53
353109.87	2382270.67
353122.39	2382305.15
353129.90	2382334.36
353136.38	2382358.81
353146.95	2382393.00
353155.99	2382416.80
353165.75	2382438.18
353185.26	2382466.67
353200.20	2382485.80
353225.71	2382525.51
353227.34	2382528.63
353228.87	2382536.29
353227.72	2382551.83
353231.47	2382569.56
353236.28	2382577.50
353237.65	2382580.21
353238.52	2382582.78
353241.53	2382594.27
353251.23	2382616.27
353252.60	2382620.73
353255.00	2382633.82
353258.30	2382640.02
353259.26	2382642.02
353260.00	2382644.13
353265.52	2382663.29
353271.56	2382693.09
353278.14	2382712.94
353291.95	2382750.21
353299.46	2382771.27
353300.42	2382775.20
353303.83	2382799.45
353310.49	2382828.27
353321.96	2382858.42
353323.00	2382862.23
353325.63	2382878.01
353337.73	2382905.28
353339.41	2382912.03
353340.76	2382931.87
353341.81	2382941.85
353351.18	2382961.88
353352.41	2382965.26
353364.05	2383009.39
353376.81	2383038.73
353393.09	2383062.61
353411.27	2383085.92

353413.98	2383090.56
353414.86	2383093.21
353420.91	2383116.58
353434.61	2383152.75
353435.51	2383155.87
353441.30	2383184.46
353450.36	2383230.39
353455.19	2383263.33
353455.40	2383266.22
353453.88	2383273.88
353449.55	2383280.36
353447.42	2383282.21
353435.08	2383291.49
353430.71	2383293.98
353424.15	2383296.11
353427.81	2383314.70
353437.70	2383342.96
353447.03	2383363.50
353455.95	2383391.24
353460.59	2383412.09
353466.23	2383434.01
353480.20	2383468.68
353493.32	2383500.90
353505.96	2383532.01
353519.81	2383566.71
353528.29	2383589.93
353532.91	2383602.13
353542.64	2383628.81
353547.62	2383642.77
353552.01	2383654.78
353555.89	2383665.52
353558.17	2383671.76
353560.24	2383677.33
353562.30	2383683.05
353564.82	2383688.34
353568.72	2383696.40
353572.02	2383703.23
353575.72	2383710.90
353577.99	2383715.59
353582.85	2383716.96
353589.34	2383721.30
353593.68	2383727.79
353596.71	2383735.50
353599.05	2383741.33
353600.71	2383745.57
353604.87	2383756.25
353608.92	2383766.78
353612.57	2383775.87
353615.91	2383784.52
353620.80	2383797.06
353621.84	2383799.77
353625.01	2383809.18
353628.29	2383818.62
353631.19	2383827.00
353632.99	2383832.06
353637.23	2383844.40
353641.74	2383857.37
353645.82	2383869.05
353649.98	2383881.15
353652.68	2383888.98

353655.78	2383902.29
353658.86	2383916.99
353661.12	2383927.96
353664.03	2383941.57
353666.93	2383955.60
353668.21	2383961.96
353670.12	2383971.36
353671.71	2383978.83
353672.98	2383984.86
353673.21	2383987.06
353673.98	2383997.70
353674.33	2384003.96
353676.37	2384012.53
353679.64	2384024.45
353682.59	2384035.34
353683.91	2384040.56
353687.57	2384054.31
353690.48	2384065.15
353693.20	2384075.34
353697.62	2384092.09
353701.20	2384105.59
353703.25	2384113.41
353707.00	2384127.67
353709.69	2384137.78
353712.20	2384147.47
353716.42	2384163.51
353720.00	2384176.93
353725.25	2384196.83
353730.35	2384216.13
353733.39	2384227.66
353736.68	2384241.56
353737.18	2384243.64
353739.54	2384248.58
353740.66	2384250.77
353742.64	2384256.82
353743.19	2384260.34
353744.71	2384270.13
353746.13	2384279.14
353747.14	2384284.99
353747.78	2384289.13
353748.45	2384292.19
353749.86	2384298.23
353751.92	2384306.94
353754.33	2384317.06
353758.75	2384335.98
353761.49	2384347.44
353764.15	2384358.89
353766.29	2384368.29
353769.29	2384381.18
353771.62	2384390.75
353773.83	2384397.39
353777.13	2384407.20
353778.36	2384410.82
353780.12	2384417.66
353784.16	2384433.27
353787.34	2384445.74
353788.98	2384452.26
353790.32	2384456.29
353792.67	2384463.48
353794.78	2384469.74

353798.38	2384480.54
353802.30	2384492.23
353806.01	2384503.24
353807.88	2384508.97
353809.98	2384518.84
353811.40	2384525.77
353814.15	2384538.90
353817.54	2384555.29
353819.69	2384566.16
353821.11	2384572.84
353822.07	2384577.51
353824.37	2384585.31
353826.93	2384594.24
353830.20	2384605.06
353833.89	2384617.65
353835.87	2384624.28
353838.83	2384634.39
353842.72	2384647.01
353846.86	2384661.03
353849.97	2384671.68
353855.40	2384690.17
353859.58	2384704.17
353862.54	2384714.02
353864.65	2384721.17
353867.66	2384731.65
353868.71	2384735.06
353870.75	2384745.01
353872.83	2384756.08
353874.74	2384765.94
353875.72	2384771.23
353877.95	2384779.16
353881.12	2384790.39
353883.85	2384800.46
353885.90	2384807.84
353887.62	2384814.05
353889.42	2384820.75
353890.20	2384822.84
353893.44	2384832.45
353896.41	2384841.23
353899.04	2384848.58
353901.22	2384855.10
353906.00	2384868.97
353911.43	2384884.84
353918.25	2384904.73
353923.39	2384919.91
353926.37	2384928.62
353931.82	2384944.38
353937.16	2384959.58
353941.27	2384970.57
353947.22	2384987.01
353952.54	2385001.73
353955.96	2385010.77
353958.55	2385018.01
353965.42	2385036.70
353971.50	2385053.38
353977.47	2385069.64
353982.96	2385084.73
353985.85	2385092.32
353986.96	2385095.60
353989.41	2385103.50

353992.37	2385112.28
353997.05	2385126.78
354001.29	2385140.04
354011.12	2385170.36
354019.66	2385196.83
354023.58	2385208.75
354033.97	2385239.55
354046.85	2385276.24
354056.61	2385304.28
354066.19	2385331.80
354074.83	2385356.83
354081.72	2385376.00
354092.12	2385403.28
354099.85	2385423.14
354106.87	2385441.28
354110.37	2385450.69
354115.28	2385453.97
354117.34	2385456.39
354125.71	2385467.95
354130.62	2385474.91
354137.49	2385481.96
354148.26	2385494.16
354163.88	2385512.22
354176.89	2385527.87
354180.69	2385532.42
354183.60	2385537.23
354186.96	2385545.09
354194.13	2385562.34
354201.95	2385581.79
354210.27	2385601.92
354223.67	2385634.50
354235.07	2385662.17
354239.99	2385674.30
354246.16	2385692.40
354254.52	2385716.87
354271.25	2385765.84
354285.85	2385808.58
354294.36	2385835.48
354304.90	2385869.69
354314.50	2385901.54
354324.20	2385933.07
354328.14	2385945.65
354337.77	2385977.29
354344.95	2386001.25
354351.68	2386024.82
354357.43	2386044.19
354362.95	2386063.35
354369.49	2386086.01
354371.39	2386092.65
354376.69	2386106.41
354382.37	2386121.60
354389.65	2386140.71
354395.45	2386156.12
354401.67	2386172.52
354412.97	2386202.91
354419.17	2386219.69
354427.94	2386242.37
354433.21	2386257.64
354439.12	2386274.64
354441.00	2386280.25

354453.87	2386317.35
354461.46	2386338.91
354468.53	2386359.80
354476.58	2386383.34
354483.19	2386405.81
354489.70	2386426.98
354498.21	2386454.65
354503.85	2386473.40
354510.52	2386494.92
354515.41	2386511.11
354516.53	2386514.73
354525.35	2386537.06
354536.72	2386565.11
354546.33	2386589.66
354551.57	2386602.40
354567.19	2386640.01
354581.46	2386673.55
354594.38	2386704.25
354602.10	2386722.11
354609.95	2386741.30
354611.19	2386743.53
354611.96	2386745.76
354619.99	2386774.25
354628.94	2386804.72
354638.69	2386838.57
354646.75	2386866.39
354654.13	2386901.83
354664.33	2386952.24
354670.27	2386981.75
354672.94	2386993.98
354687.59	2387030.38
354706.96	2387078.03
354717.51	2387108.29
354738.16	2387167.17
354752.00	2387214.86
354767.80	2387268.89
354775.50	2387296.08
354794.43	2387366.67
354809.14	2387420.18
354822.84	2387465.86
354832.54	2387498.26
354836.42	2387511.96
354850.06	2387538.76
354868.16	2387574.19
354894.68	2387626.22
354900.19	2387637.49
354909.26	2387658.51
354923.56	2387692.22
354945.19	2387742.60
354968.60	2387796.03
354993.05	2387851.05
355007.57	2387883.64
355021.57	2387914.71
355026.35	2387928.47
355049.13	2387998.83
355066.71	2388052.34
355068.53	2388058.93
355072.77	2388076.63
355089.62	2388150.18
355101.37	2388199.84

355118.84	2388236.97
355141.55	2388286.22
355148.89	2388301.67
355159.84	2388329.06
355180.73	2388380.50
355186.64	2388395.68
355208.48	2388449.50
355216.34	2388468.27
355217.64	2388471.50
355229.89	2388495.28
355254.06	2388540.82
355263.31	2388558.54
355265.39	2388565.09
355267.67	2388581.83
355278.11	2388653.58
355287.53	2388715.74
355290.81	2388737.96
355300.52	2388764.03
355324.47	2388829.12
355332.14	2388850.90
355355.76	2388943.03
355374.09	2389014.74
355375.77	2389021.89
355380.58	2389067.47
355386.18	2389128.22
355387.99	2389149.58
355401.62	2389191.61
355420.78	2389251.87
355429.93	2389280.52
355449.84	2389342.25
355472.96	2389414.40
355495.67	2389485.32
355515.25	2389548.44
355535.54	2389614.48
355548.66	2389655.02
355574.00	2389709.60
355607.32	2389779.40
355635.89	2389835.75
355666.96	2389896.68
355673.51	2389910.19
355692.16	2389952.72
355718.45	2390013.28
355726.00	2390030.36
355726.90	2390032.84
355740.85	2390080.65
355747.48	2390103.68
355763.78	2390126.36
355785.28	2390156.22
355798.81	2390174.93
355813.06	2390199.34
355834.25	2390236.91
355843.37	2390252.78
355844.51	2390255.09
355870.58	2390323.66
355893.22	2390381.24
355900.17	2390398.43
355936.68	2390459.42
355977.45	2390523.53
356003.84	2390562.93
356033.54	2390604.51

356056.64	2390636.77
356070.10	2390663.14
356079.20	2390674.68
356108.47	2390713.57
356147.84	2390764.47
356172.13	2390800.62
356221.24	2390877.05
356246.95	2390909.77
356279.82	2390952.74
356334.38	2391023.38
356362.03	2391059.51
356376.80	2391077.67
356416.02	2391123.16
356477.05	2391193.00
356515.73	2391235.45
356538.22	2391260.48
356552.60	2391277.78
356589.19	2391321.62
356624.87	2391364.57
356657.76	2391405.04
356685.30	2391438.22
356709.07	2391465.42
356741.21	2391501.66
356747.99	2391509.37
356756.09	2391513.65
356786.16	2391532.73
356820.81	2391554.47
356843.79	2391569.46
356853.52	2391575.74
356856.82	2391578.41
356866.85	2391589.75
356882.56	2391607.58
356905.99	2391629.18
356932.70	2391653.10
356962.34	2391677.44
356972.91	2391686.29
356996.10	2391699.96
357013.15	2391710.65
357018.39	2391712.40
357027.45	2391714.38
357047.26	2391719.64
357069.00	2391725.77
357076.21	2391727.89
357080.02	2391728.40
357086.46	2391730.18
357090.38	2391731.43
357097.33	2391734.31
357101.24	2391735.63
357104.64	2391736.31
357108.50	2391737.14
357115.02	2391738.40
357117.83	2391738.94
357121.73	2391740.11
357125.78	2391742.09
357129.25	2391742.64
357133.82	2391742.03
357136.02	2391741.73
357138.70	2391741.55
357146.35	2391743.07
357149.71	2391744.61

357153.17	2391746.23
357159.58	2391748.00
357163.14	2391748.99
357168.88	2391750.59
357176.25	2391753.14
357179.68	2391754.34
357187.37	2391757.83
357189.92	2391759.00
357195.15	2391761.17
357200.03	2391763.14
357205.32	2391765.64
357210.35	2391768.13
357218.61	2391770.58
357222.10	2391771.68
357229.93	2391775.12
357240.46	2391778.78
357243.80	2391780.28
357251.24	2391784.46
357258.43	2391787.52
357262.03	2391789.35
357265.91	2391791.83
357269.89	2391792.75
357273.17	2391793.50
357285.44	2391797.33
357296.44	2391801.70
357300.35	2391803.80
357308.27	2391809.27
357316.52	2391815.27
357319.88	2391816.49
357323.23	2391818.10
357328.86	2391821.48
357334.68	2391824.95
357345.57	2391831.43
357352.41	2391835.46
357358.60	2391839.17
357361.79	2391841.04
357363.98	2391841.67
357371.49	2391843.88
357377.40	2391846.75
357384.85	2391852.03
357390.84	2391856.56
357404.34	2391868.00
357407.44	2391870.64
357413.01	2391876.74
357420.94	2391882.95
357426.16	2391886.89
357428.26	2391888.72
357434.17	2391894.92
357441.48	2391904.63
357444.82	2391907.18
357448.67	2391910.15
357451.97	2391913.28
357457.78	2391918.72
357462.16	2391925.04
357463.98	2391927.46
357470.29	2391935.13
357472.28	2391937.69
357474.94	2391942.26
357479.24	2391944.64
357490.62	2391947.65

357493.16	2391948.50
357495.29	2391949.54
357506.87	2391956.04
357518.17	2391962.34
357522.22	2391964.61
357526.61	2391967.93
357532.12	2391974.36
357534.20	2391976.69
357539.79	2391980.65
357545.16	2391985.01
357553.65	2391992.67
357560.33	2391998.56
357567.19	2392004.28
357570.42	2392006.61
357572.82	2392008.66
357578.15	2392014.97
357580.93	2392017.59
357593.74	2392028.54
357610.21	2392042.74
357622.97	2392053.45
357639.39	2392067.75
357661.75	2392086.92
357666.90	2392091.18
357678.36	2392102.73
357691.23	2392114.27
357699.22	2392121.93
357706.72	2392128.39
357717.99	2392140.69
357732.58	2392155.46
357744.60	2392168.04
357747.24	2392171.49
357754.61	2392183.64
357763.23	2392197.95
357766.99	2392201.84
357776.93	2392212.73
357791.94	2392229.02
357813.44	2392251.99
357840.99	2392281.95
357853.88	2392295.94
357866.91	2392310.35
357872.89	2392310.13
357881.27	2392311.64
357887.75	2392315.97
357889.83	2392318.41
357900.33	2392332.96
357906.10	2392341.38
357910.46	2392345.34
357915.48	2392352.48
357916.41	2392355.84
357925.78	2392368.91
357933.87	2392374.26
357942.55	2392381.20
357957.89	2392397.51
357972.14	2392410.54
357979.25	2392417.82
357981.46	2392420.77
357984.79	2392426.21
357991.63	2392432.09
357994.99	2392435.80
358000.07	2392443.07

358008.35	2392449.50
358017.26	2392458.96
358022.12	2392464.85
358026.88	2392469.30
358037.09	2392478.95
358056.06	2392497.36
358074.28	2392514.12
358091.90	2392530.64
358110.54	2392548.16
358121.85	2392558.92
358133.64	2392570.53
358147.21	2392583.01
358155.65	2392592.40
358158.92	2392596.44
358166.13	2392602.87
358184.61	2392621.30
358201.63	2392638.14
358214.48	2392650.63
358219.47	2392655.27
358221.87	2392657.92
358223.45	2392660.03
358227.43	2392664.32
358231.03	2392668.10
358239.12	2392677.78
358243.76	2392683.49
358247.70	2392687.92
358249.79	2392690.13
358252.00	2392692.07
358257.12	2392697.73
358272.90	2392714.96
358292.40	2392736.11
358307.23	2392752.42
358324.34	2392771.56
358341.15	2392789.65
358356.64	2392806.96
358369.27	2392819.41
358372.64	2392823.81
358375.08	2392828.13
358382.16	2392832.85
358389.55	2392839.18
358393.16	2392843.45
358401.26	2392856.35
358404.03	2392861.43
358407.03	2392863.43
358413.40	2392867.74
358416.34	2392870.16
358419.17	2392873.72
358426.64	2392885.71
358438.03	2392896.47
358459.43	2392917.31
358464.59	2392922.47
358467.66	2392926.42
358486.58	2392958.38
358490.77	2392965.30
358494.35	2392971.34
358509.58	2392997.03
358527.25	2393026.01
358530.71	2393029.47
358539.51	2393040.31
358544.15	2393045.07

358551.43	2393048.91
358556.70	2393051.63
358561.65	2393055.26
358568.59	2393063.88
358577.57	2393075.52
358589.19	2393086.13
358602.85	2393101.45
358612.97	2393112.29
358615.14	2393115.67
358620.04	2393120.64
358622.10	2393123.06
358628.36	2393131.71
358631.48	2393136.02
358636.31	2393141.16
358644.84	2393150.24
358651.53	2393157.11
358655.40	2393162.76
358659.27	2393171.23
358668.63	2393180.89
358690.30	2393199.28
358718.21	2393223.32
358736.79	2393239.32
358767.15	2393265.26
358772.63	2393270.15
358788.15	2393285.26
358798.24	2393294.98
358801.49	2393298.50
358806.52	2393302.39
358814.22	2393309.17
358824.40	2393319.85
358831.12	2393326.74
358839.37	2393333.64
358847.49	2393340.94
358852.52	2393346.50
358856.35	2393350.47
358863.98	2393355.84
358867.59	2393357.90
358871.98	2393359.94
358875.46	2393362.01
358890.30	2393373.00
358897.30	2393378.08
358905.49	2393383.59
358911.30	2393388.09
358914.79	2393390.47
358917.08	2393392.37
358921.18	2393396.21
358930.48	2393404.16
358945.90	2393415.99
358949.85	2393419.38
358958.24	2393427.55
358967.19	2393434.35
358986.50	2393450.98
358994.73	2393456.95
359010.31	2393466.94
359018.44	2393473.76
359026.80	2393479.19
359032.00	2393482.94
359034.03	2393485.32
359037.93	2393490.68
359042.12	2393493.72

359049.12	2393497.40
359051.84	2393499.41
359059.12	2393505.65
359067.85	2393512.72
359072.37	2393516.25
359086.09	2393531.81
359091.34	2393537.06
359100.55	2393546.99
359103.40	2393549.28
359105.67	2393550.72
359110.38	2393553.08
359115.28	2393555.35
359126.29	2393562.05
359129.84	2393564.87
359137.02	2393572.05
359141.35	2393578.54
359144.23	2393580.38
359150.83	2393584.76
359153.05	2393587.41
359157.66	2393593.97
359164.37	2393602.91
359168.86	2393605.46
359179.31	2393611.95
359185.89	2393616.79
359188.04	2393618.65
359193.63	2393625.27
359197.16	2393629.41
359214.06	2393617.36
359237.32	2393600.14
359247.00	2393593.07
359261.35	2393582.75
359269.98	2393572.12
359286.99	2393551.78
359292.95	2393544.37
359300.87	2393538.44
359305.09	2393537.21
359339.87	2393531.14
359360.24	2393527.52
359378.05	2393519.52
359399.94	2393510.16
359433.32	2393496.14
359465.49	2393482.36
359480.53	2393475.93
359514.42	2393461.09
359551.16	2393444.56
359571.18	2393435.55
359582.36	2393429.86
359626.47	2393407.90
359644.29	2393398.90
359648.51	2393397.34
359676.88	2393390.34
359680.37	2393389.56
359710.10	2393382.08
359718.70	2393379.89
359743.56	2393369.29
359767.62	2393358.82
359771.42	2393357.60
359792.97	2393352.99
359816.61	2393348.49
359820.35	2393348.13

359827.53	2393349.47
359834.71	2393352.23
359866.84	2393365.48
359871.14	2393365.86
359904.52	2393368.83
359923.53	2393370.30
359946.13	2393366.96
359970.41	2393363.28
360007.27	2393357.75
360011.76	2393357.12
360029.99	2393349.96
360040.85	2393345.43
360083.85	2393328.46
360119.68	2393313.10
360130.70	2393308.61
360148.54	2393300.94
360169.51	2393290.82
360203.89	2393274.27
360217.51	2393267.55
360243.40	2393254.43
360275.46	2393237.39
360301.52	2393223.89
360321.49	2393213.27
360327.58	2393210.21
360342.07	2393199.05
360373.28	2393175.83
360394.35	2393160.30
360424.83	2393138.14
360459.45	2393112.91
360485.95	2393094.00
360512.74	2393077.39
360536.67	2393062.69
360543.97	2393058.43
360577.96	2393042.40
360605.68	2393028.96
360637.44	2393013.23
360664.29	2392999.52
360687.79	2392987.20
360691.97	2392985.57
360722.34	2392977.55
360744.91	2392971.26
360777.38	2392962.07
360801.26	2392958.11
360830.36	2392953.87
360832.40	2392953.40
360847.03	2392941.20
360854.61	2392933.63
360881.84	2392902.99
360902.22	2392880.85
360930.71	2392852.63
360958.65	2392824.40
360980.63	2392801.00
361004.75	2392775.45
361030.67	2392747.25
361061.47	2392711.88
361080.07	2392689.84
361101.60	2392664.88
361126.10	2392634.67
361147.17	2392608.27
361164.58	2392582.70

361187.41	2392549.77
361207.34	2392525.22
361234.69	2392492.39
361264.66	2392455.00
361293.88	2392416.90
361302.46	2392406.43
361324.09	2392368.99
361348.12	2392328.74
361361.04	2392307.30
361375.21	2392275.35
361388.79	2392245.30
361408.93	2392200.69
361429.78	2392156.38
361444.11	2392126.01
361455.83	2392099.99
361472.59	2392063.58
361486.18	2392034.66
361508.46	2391990.38
361519.86	2391966.16
361528.14	2391949.32
361531.62	2391933.45
361537.05	2391906.29
361542.40	2391879.82
361546.04	2391853.20
361530.85	2391834.98
361512.40	2391814.51
361504.59	2391806.45

END

Appendix 2

This appendix contains descriptions of all OCRM beach survey monuments in the area.

DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3100 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°39'36" SCALE FACTOR: 0.99991413

NORTHING: 345,202.86 FEET LAT: 32°46'34".64977

EASTING: 2,365,850.31 FEET LONG: 79°48'34".68998

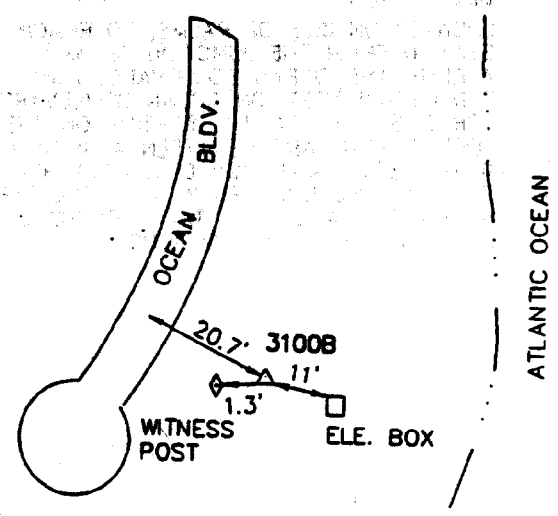
ELEVATION (NGVD 29) 8.90 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3105 B	N 87° 29' 37" E	N 86° 50' 01" E	998.02 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF 3RD AVENUE AND OCEAN BOULEVARD, TURN RIGHT, SOUTHWEST ON OCEAN BOULEVARD FOR 0.35 MILE TO THE STATION ON THE LEFT, ABOUT 0.05 MILE SOUTH – SOUTHEAST OF THE CUL-DE-SAC OF OCEAN BOULEVARD AND IN TOP OF THE NORTHEAST SIDE OF A CONCRETE FOUNDATION OF A SEWER MANHOLE COVER. A STANDARD SCCC BRONZE SURVEY DISK SET IN TOP OF THE EAST SIDE OF THE CONCRETE FOUNDATION OF A SEWER MANHOLE COVER, ABOUT 6" ABOVE THE SAND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE-OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3105 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 - SINGLE ZONE SPC - CONVERGANCE: 00°39'42" SCALE FACTOR: 0.99991410

NORTHING: 345,257.98 FEET LAT: 32°46'35".08147

EASTING: 2,366,846.81 FEET LONG: 79°48'23".01128

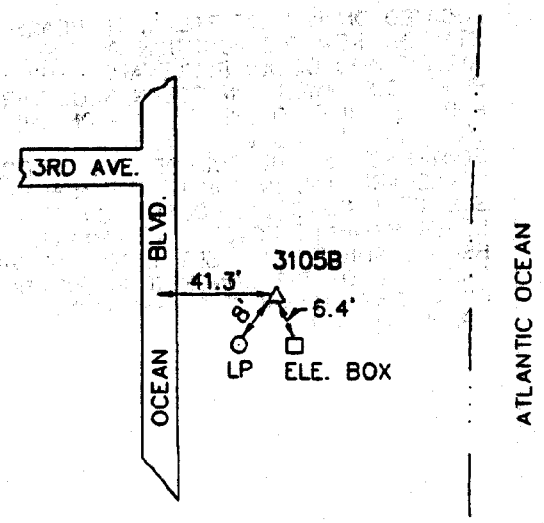
ELEVATION (NGVD 29) 8.92 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3100 B	S 87° 29' 43" W	S 86° 50' 01" W	998.02 FEET
3110	N 74° 20' 33" E	N 73° 40' 51" E	771.50 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF 3RD AVENUE AND OCEAN BOULEVARD, TURN RIGHT,SOUTHWEST, ON OCEAN BOULEVARD, FOR 0.15 MILES TO THE STATION ON THE LEFT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP THAT PROJECTS ABOUT 6" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3110

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°39'47" SCALE FACTOR: 0.99991395

NORTHING: 345,474.77 FEET LAT: 32°46'37".14174

EASTING: 2,367,587.23 FEET LONG: 79°48'14".30990

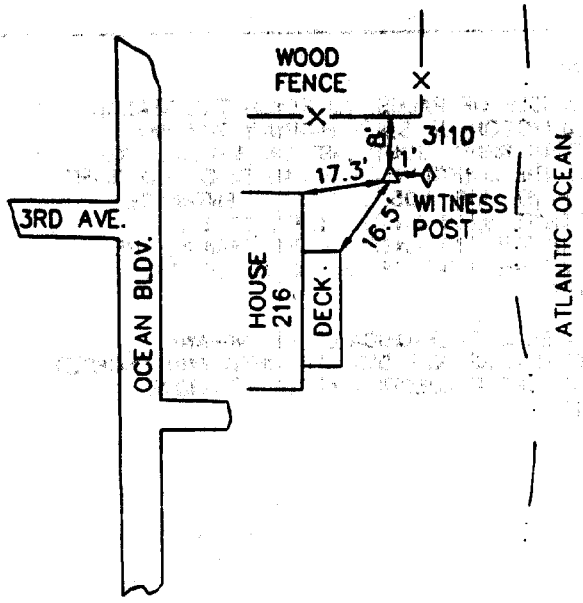
ELEVATION (NGVD 29) 9.91 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3105 B	S 74° 20' 38" W	S 73° 40' 51" W	771.50 FEET
3115	N 56° 42' 50" E	N 56° 03' 03" E	2124.12 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 703 AND 3RD AVENUE, TURN RIGHT, SOUTHEAST ON 3RD AVENUE FOR 0.20 MILE TO THE JUNCTION OF OCEAN BOULEVARD, GO RIGHT ON OCEAN BOULEVARD FOR 0.05 MILE TO THE ENTRANCE DRIVE OF HOUSE #216 ON THE LEFT, GO LEFT, SOUTHEAST IN THE ENTRANCE TO THE GARAGE, THE STATION IS AT THE REAR OF THE HOUSE AT THE EAST CORNER. THE STATION IS A STANDARD SCCC PRE-FAB BREAK-AWAY PVC PIPE, WITH A BRONZE DISK ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING ABOUT 6" ABOVE THE GROUND.

SKETCH:



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS

ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 3110

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGENCE: 00°39'47"

SCALE FACTOR: 0.99991395

NORTHING: 345,474.77 FEET

LONG: 32°46'37.14174"

EASTING: 2,367,587.23 FEET

LAT: 79°48'14.30990"

ELEVATION (NGVD 29): 9.91 FEET

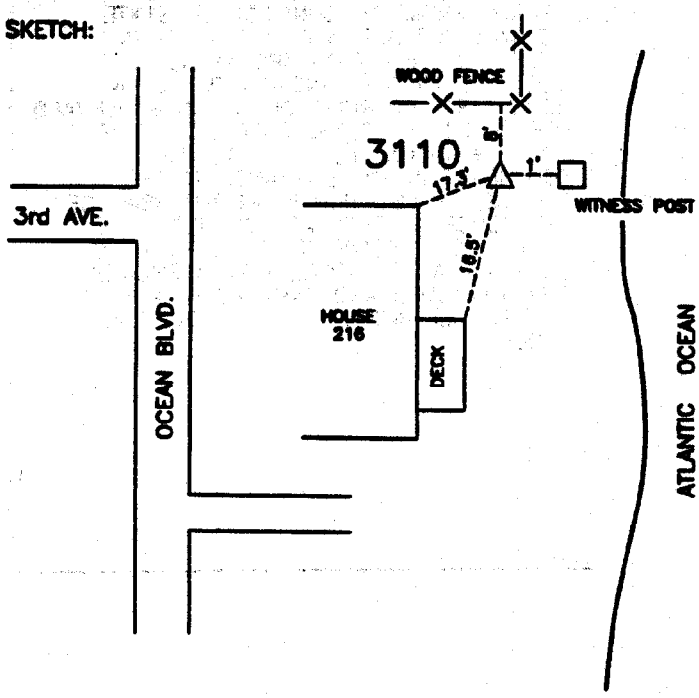
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3105 B	254°20'38"	S 73°40'51"W	771.50 FEET
3115 B	128°04'07"	N 51°15'55"E	2157.44 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 703 AND 3rd AVE., TURN RIGHT, SOUTHEAST ON 3rd AVE. FOR 0.20 MI. TO THE JUNCTION OF OCEAN BLVD., GO RIGHT ON OCEAN BLVD. FOR 0.05 MI. TO THE ENTRANCE DRIVE OF HOUSE #216 ON THE LEFT, GO LEFT, SOUTHEAST IN THE ENTRANCE TO THE GARAGE, THE STATION IS AT THE REAR OF THE HOUSE AT THE EAST CORNER.

A STANDARD SCCC PREFABRICATED BREAK-AWAY PVC PIPE WITH A BRONZE DISK ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING ABOUT 6" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3115

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°39'59" SCALE FACTOR: 0.99991308

NORTHING: 346,661.00 FEET LAT: 32°46'48".67659

EASTING: 2,369,349.26 FEET LONG: 79°47'53".51088

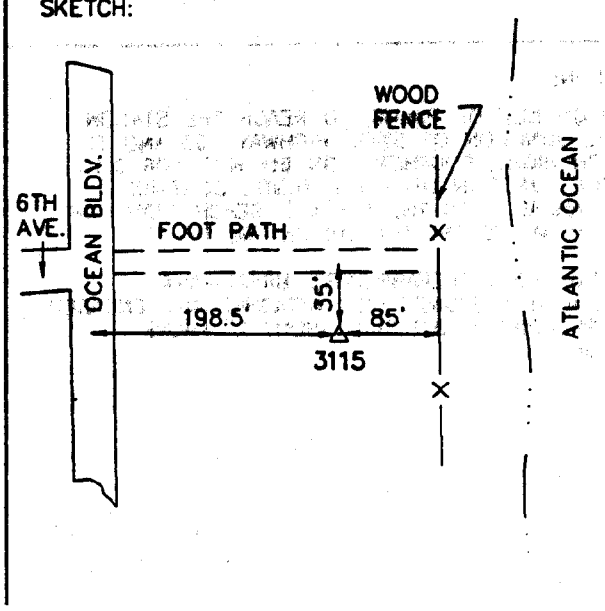
ELEVATION (NGVD 29) 10.91 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3110	S 56° 43' 02" W	S 56° 03' 03" W	2124.12 FEET
3120 B	N 54° 26' 44" E	N 53° 46' 45" E	1596.10 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS. TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 703 AND 6TH AVENUE, TURN RIGHT, SOUTHEAST ON 6TH AVENUE FOR 0.10 MILE TO THE JUNCTION OF OCEAN BOULEVARD, CONTINUE STRAIGHT AHEAD ONTO THE 6TH AVENUE BEACH PATH FOR ABOUT 0.05 MILE TO THE STATION ON THE RIGHT. A STANDARD SCCC PRE-FAB BREAK-AWAY PVC PIPE, WITH A BRONZE DISK ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING ABOUT 2" ABOVE THE SAND.

SKETCH:



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS

ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 3115 B 1995

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGENCE: 00°39'59"

SCALE FACTOR: 0.99991316

NORTHING: 346,824.71 FEET

LONG: 32°46'50.30551"

EASTING: 2,369,270.14 FEET

LAT: 79°47'54.41534"

ELEVATION (NGVD 29): 10.05 FEET

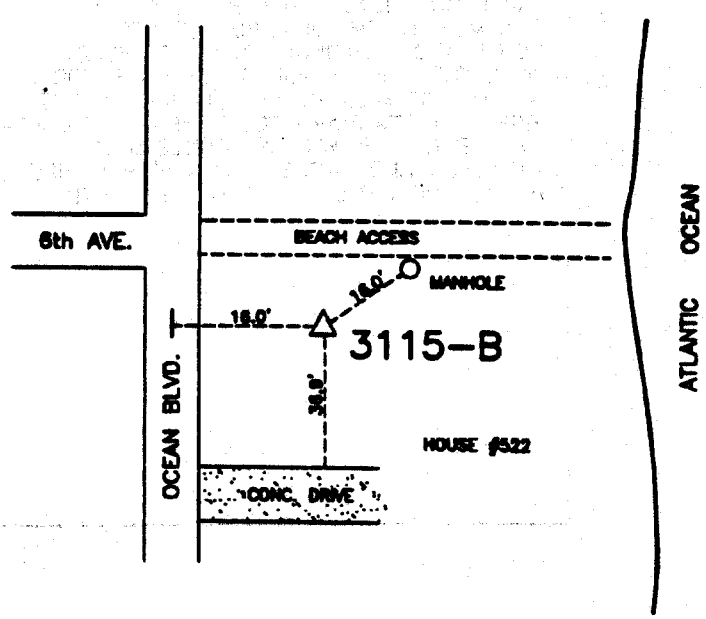
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3110	308°04'18"	S 51°15'55"W	2157.44 FEET
3120 B	119°01'34"	N 60°18'19"E	1573.39 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 703 AND 6th AVE., TURN RIGHT, SOUTHEAST ON 6th AVE. FOR 0.10 MI. TO THE JUNCTION OF OCEAN BLVD., CONTINUE STRAIGHT AHEAD ONTO THE 6th AVE. BEACH PATH FOR ABOUT 0.05 MI. TO THE STATION ON THE RIGHT.

A STANDARD SCCC PREFABRICATED BREAK–AWAY PVC PIPE WITH A BRONZE DISK ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING ABOUT 2" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3120 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 - SINGLE ZONE SPC - CONVERGANCE: 00°40'07" SCALE FACTOR: 0.99991240

NORTHING: 347,604.14 FEET LAT: 32°46'57".85998

EASTING: 2,370,636.91 FEET LONG: 79°47'38".30013

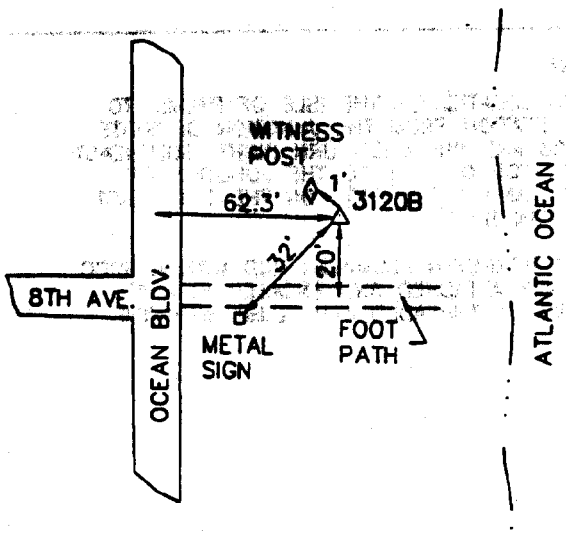
ELEVATION (NGVD 29) 13.37 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3115	S 54° 26' 52" W	S 53° 46' 45" W	1596.10 FEET
3125 B	N 58° 37' 49" E	N 57° 57' 42" E	2711.01 FEET

DESCRIPTION:

THE STATION LOCATED ON THE ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF STATE OF HIGHWAY 703 AND 8TH AVENUE, TURN RIGHT, SOUTHEAST ON 8TH AVENUE FOR 0.10 MILE TO THE JUNCTION OF OCEAN BOULEVARD AND THE STATION ON THE SOUTHEAST SIDE OF OCEAN BOULEVARD. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP FLUSH WITH THE SAND.

SKETCH:



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS

ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 3120 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGENCE: 00°40'07"

SCALE FACTOR: 0.99991240

NORTHING: 347,604.14 FEET

LONG: 32°46'57.85998"

EASTING: 2,370,636.91 FEET

LAT: 79°47'36.30013"

ELEVATION (NGVD 29): 13.37 FEET

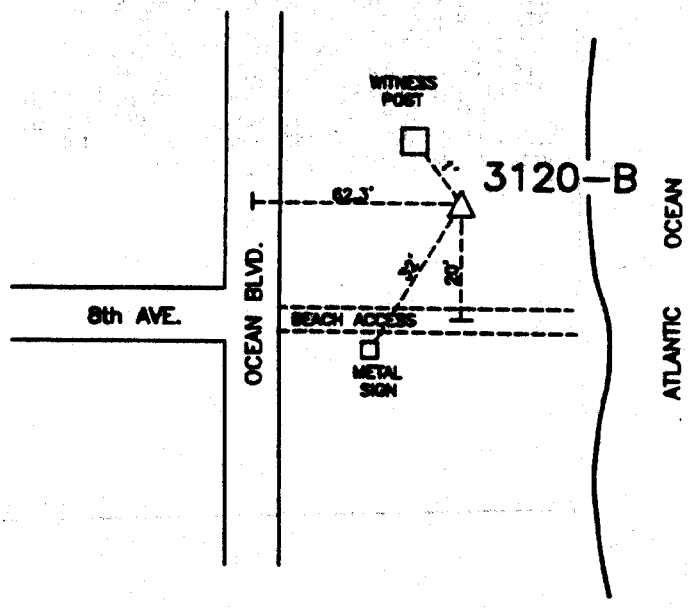
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3115 B	299°01'43"	S 60°18'19"W	1573.39 FEET
3125 B	058°37'49"	N 57°57'42"E	2711.01 FEET

DESCRIPTION:

THE STATION LOCATED ON THE ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 703 AND 8th AVE., TURN RIGHT, SOUTHEAST ON 8th AVE. FOR 0.10 MI. TO THE JUNCTION OF OCEAN BLVD. AND THE STATION ON THE SOUTHEAST SIDE OF OCEAN BLVD.

A STANDARD BERNSTEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP FLUSH WITH THE SAND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3125 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°40'22" SCALE FACTOR: 0.99991137

NORTHING: 349,042.30 FEET LAT: 32°47'11".82360

EASTING: 2,372,935.01 FEET LONG: 79°47'11".18443

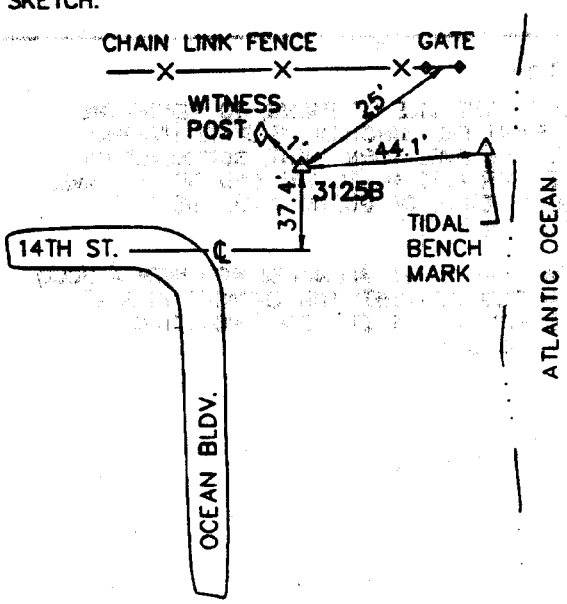
ELEVATION (NGVD 29) 9.16 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3120 B	S 58° 38' 04" W	S 57° 57' 42" W	2711.01 FEET
3130 B	N 53° 11' 28" E	N 52° 31' 06" E	1310.20 FEET

DESCRIPTION:

LOCATED ON THE ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 703 AND 14TH AVENUE, TURN RIGHT, SOUTHEAST ON 14TH AVENUE FOR 0.10 MILE TO THE END OF 14TH AVENUE AND THE JUNCTION OF OCEAN BOULEVARD AND THE STATION ON THE LEFT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 2" ABOVE THE GROUND.

SKETCH:



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS

ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 3125 B

STATE: SOUTH CAROLINA COUNTY: CHARLESRON

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 00°40'22"

SCALE FACTOR: 0.99991137

NORTHING: 349,042.30 FEET

LONG: 32°47'11.82360"

EASTING: 2,372,935.01 FEET

LAT: 79°47'11.18443"

ELEVATION (NGVD 29): 9.16 FEET

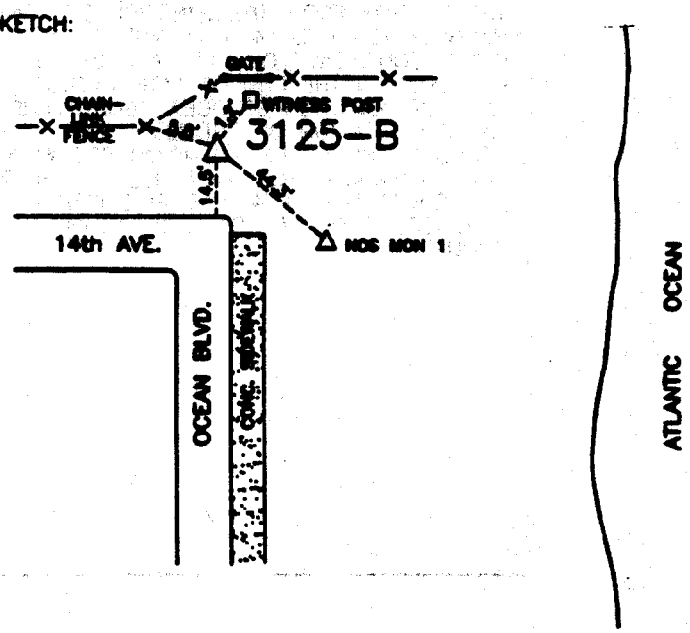
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3120 B	238°38'03"	S 57°57'42"W	2711.01 FEET
3130 B	053°11'29"	N 52°31'06"E	1310.20 FEET

DESCRIPTION:

LOCATED ON THE ISLE OF PALMS. TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 703 AND 14th AVE., TURN RIGHT, SOUTHEAST ON 14th AVE. FOR 0.10 MI. TO THE END OF 14th AVE. AND THE JUNCTION OF OCEAN BLVD. AND THE STATION ON THE LEFT.

A STANDARD BERNSTEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 2" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3130 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°40'29" SCALE FACTOR: 0.99991079

NORTHING: 349,839.56 FEET LAT: 32°47'19".59112

EASTING: 2,373,974.72 FEET LONG: 79°46'58".89571

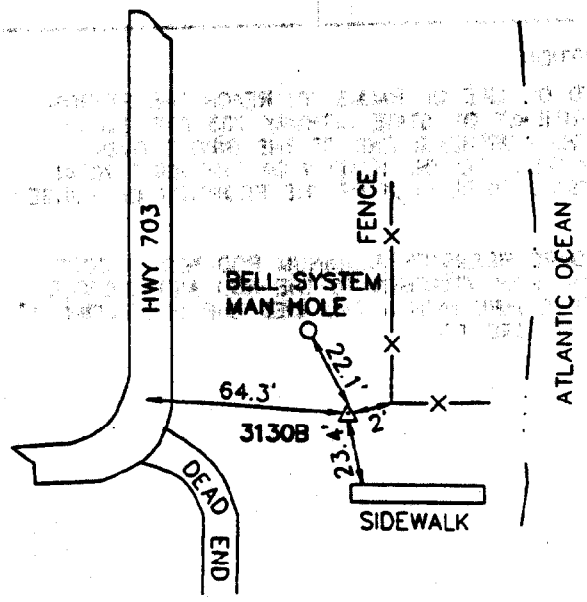
ELEVATION (NGVD 29) 11.52 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3125 B	S 53° 11' 35" W	S 52° 31' 06" W	1310.20 FEET
3135 B	N 64° 03' 15" E	N 63° 22' 46" E	2529.90 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS. TO REACH THE STATION GO NORTHEAST ON STATE HIGHWAY 703 FOR 2.0 MILES FROM THE NORTHEAST END OF BRIDGE OVER BREACH INLET, TO THE STATION ON THE RIGHT NEAR THE WEST CORNER POST OF THE PROPERTY OF HOUSE #2201. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 1" ABOVE THE GROUND.

SKETCH:



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS

ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 3130 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGENCE: 00°40'29"

SCALE FACTOR: 0.99991079

NORTHING: 349,839.56 FEET

LONG: 32°47'19.59112"

EASTING: 2,373,974.72 FEET

LAT: 79°46'58.89571"

ELEVATION (NGVD 29): 11.52 FEET

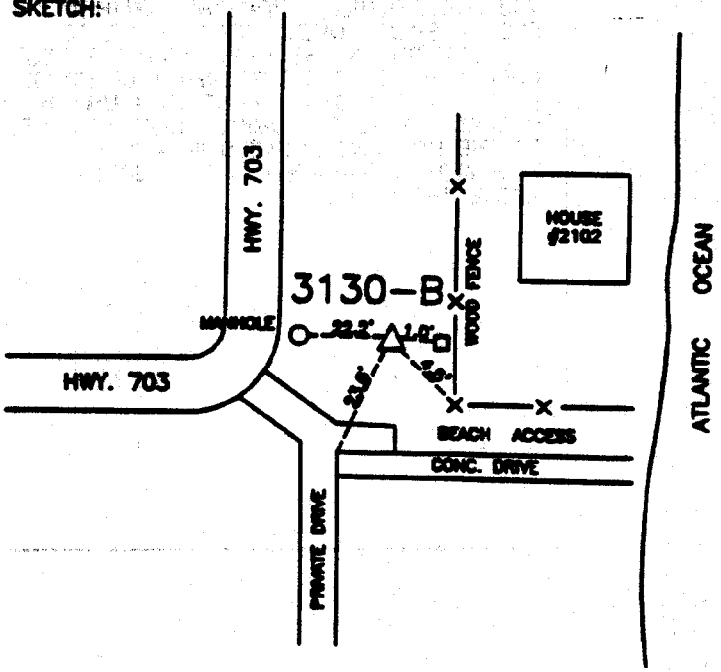
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3125 B	233°11'35"	S 52°31'06"W	1310.20 FEET
3135 B	64°03'15"	N 63°22'46"E	2529.60 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION GO NORTHEAST ON STATE HIGHWAY 703 FOR 2.0 MI. FROM THE NORTHEAST END OF THE BRIDGE OVER BREACH INLET, TO THE STATION ON THE RIGHT NEAR THE WEST CORNER POST OF THE PROPERTY OF HOUSE #2201.

A STANDARD BERNSTEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4"PVC PIPE WITH A THREADED CAP PROJECTING 1" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3135 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°40'44" SCALE FACTOR: 0.99990999

NORTHING: 350,973.16 FEET LAT: 32°47'30".54312

EASTING: 2,376,236.43 FEET LONG: 79°46'32".24497

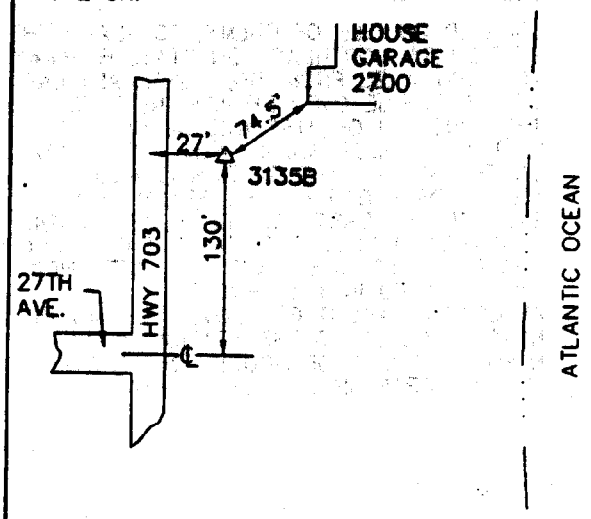
ELEVATION (NGVD 29) 9.47 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3130 B	S 64° 03' 30" W	S 63° 22' 46" W	2529.90 FEET
3140	N 75° 25' 04" E	N 74° 44' 20" E	1839.85 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION GO NORTHWEST ON STATE HIGHWAY 703 FOR 2.5 MILES TO THE STATION ON THE RIGHT ON THE SOUTHWEST SIDE OF THE PAVED DRIVEWAY OF HOUSE #2700. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP FLUSH WITH THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3140

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°40'55" SCALE FACTOR: 0.99990965

NORTHING: 351,457.44 FEET LAT: 32°47'35".12627

EASTING: 2,378,011.40 FEET LONG: 79°46'11".38491

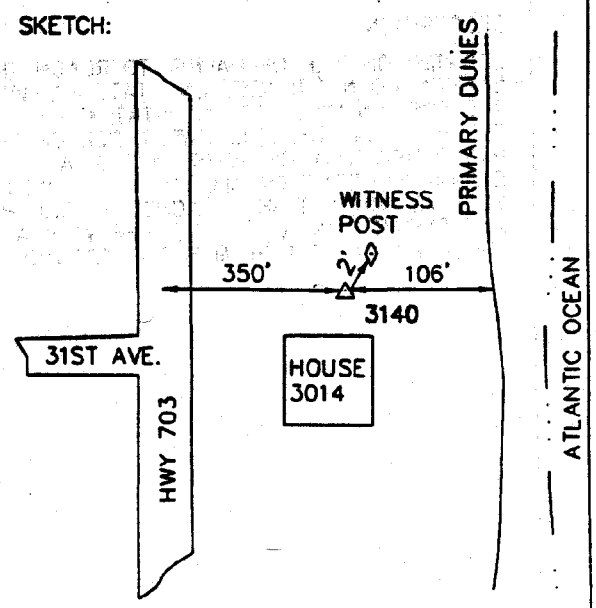
ELEVATION (NGVD 29) 8.37 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3135 B	S 75° 25' 15" W	S 74° 44' 20" W	1839.85 FEET
3145 B	N 57° 23' 14" E	N 56° 42' 19" E	2056.38 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION GO NORTHEAST ON STATE HIGHWAY 703 2.90 MILES FROM THE NORTHEAST END OF THE BRIDGE OVER BREACH INLET TO THE JUNCTION OF 31ST AVENUE ON THE LEFT AND HOUSE #3014 PALM BOULEVARD ON THE RIGHT. THE STATION IS ABOUT 150.0' NORTHWEST OF THE BEACH AND EAST OF THE EAST COR. OF HOUSE #3014. A STANDARD SCCC PRE-FAB BREAK-AWAY PVC PIPE, WITH A BRONZE DISK ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING ABOUT 6" ABOVE THE GROUND. NOTE: ACCESS TO THE STATION IS ON NORTHEAST SIDE OF HOUSE 3014 CHECK WITH RESORTS, INC. (803) 886-6493.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3145 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°41'06" SCALE FACTOR: 0.99990885

NORTHING: 352,586.28 FEET LAT: 32°47'46".09257

EASTING: 2,379,730.24 FEET LONG: 79°45'51".09153

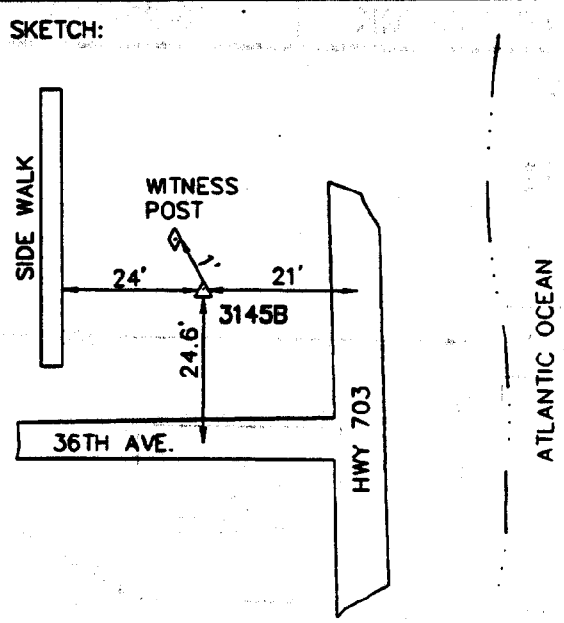
ELEVATION (NGVD 29) 10.53 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3140	S 57° 23' 25" W	S 56° 42' 19" W	2056.38 FEET
3150 B	N 72° 33' 02" E	N 71° 51' 56" E	1860.01 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION GO NORTHEAST ON HIGHWAY 703 FOR 3.3 MILES FROM THE NORTHEAST END OF THE BRIDGE OVER BREACH INLET, TO THE JUNCTION OF 36TH AVENUE AND THE STATION ON THE LEFT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 2" ABOVE THE GROUND.

SKETCH:



South Carolina Department of Health and Environmental Control

Office of Coastal Resource Management
Control Data

Set By: Cornerstone Surveying & Engineering, Inc.

Project: OCRM Replacement Monuments — Station No.: 3145C

State: SC — County: Charleston — Date: 11/10/97

SC System Plane Coordinates Lambert 3900 Zone — CSE Job #: 97242

Horizontal: NAD '83 ('86 ADJ.) — Vertical: NGVD '29

X Coordinate: 2,379,834.91 Int. Ft. — Y Coordinate: 352,290.07 Int. Ft.

Latitude: 32-47-43.1494 N — Longitude: 79-45-49.9068 W

Elevation: 9.54 US Ft. — Convergence: 0-41-07.1

Grid Factor: 0.999909061 — Elevation Factor: 1.000004836

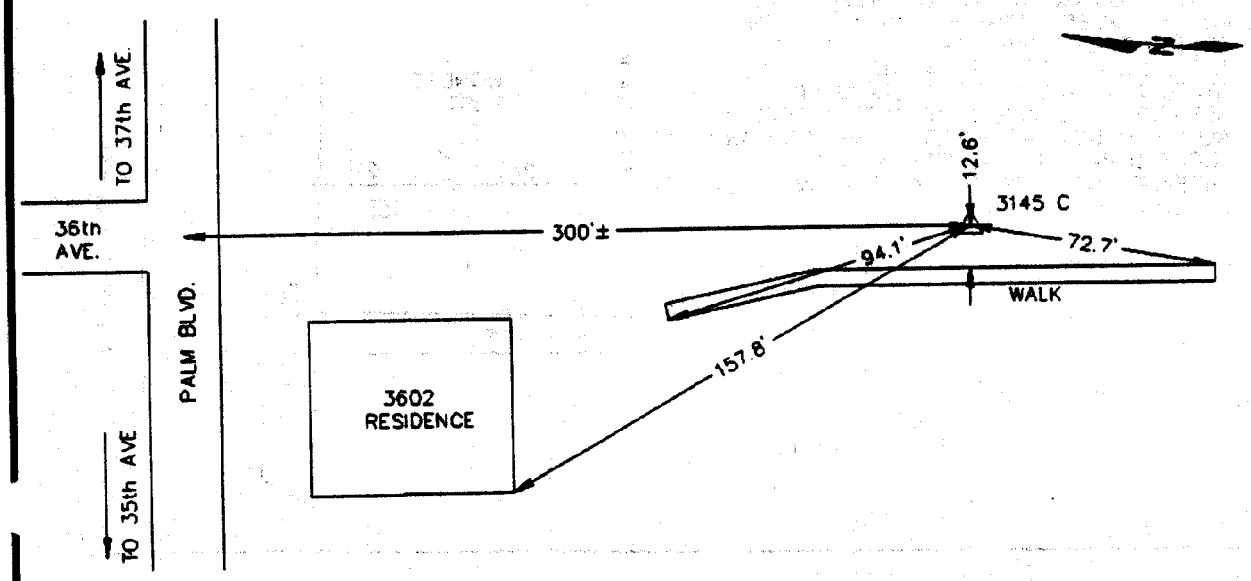
Type Of Mark: Berntsen PVC breakaway monument w/ aluminum cap

Description Of Location:

Located on the Isle of Palms. To reach the station from the intersection of Coleman Blvd. and Ben Sawyer Blvd. (S-8-703) go Southerly on Ben Sawyer Blvd. for 2.77 miles to the intersection of Station 22-1/2. Turn left at the intersection of Station 22-1/2 and stay on S-8-703 (a.k.a. Jasper Blvd.). Proceed 3.59 miles to the intersection of 21st Ave. Turn right and go 0.10 miles to Palm Blvd. Take a left and go 1.20 miles to the intersection of 36th Ave. Point "3145 C" is located approximately 300' South of intersection of Palm Blvd. and 36th Avenue; 157.8' Southeast of Southwest most corner of residence #3602; 12.6' East of walk; 94.1' Southeast of the Northwest most corner of walk nearest residence #3602.

To Station	Geodetic Azimuth	Grid Azimuth	Grid Distance
10 011	271-11-30.1	270-30-23.0	907.49 Ft.
10 011 AZ MK	48-23-27.3	47-42-20.1	892.54 Ft.

Sketch:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3150 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°41'18" SCALE FACTOR: 0.99990844

NORTHING: 353,165.20 FEET LAT: 32°47'51".61102

EASTING: 2,381,497.86 FEET LONG: 79°45'30".30266

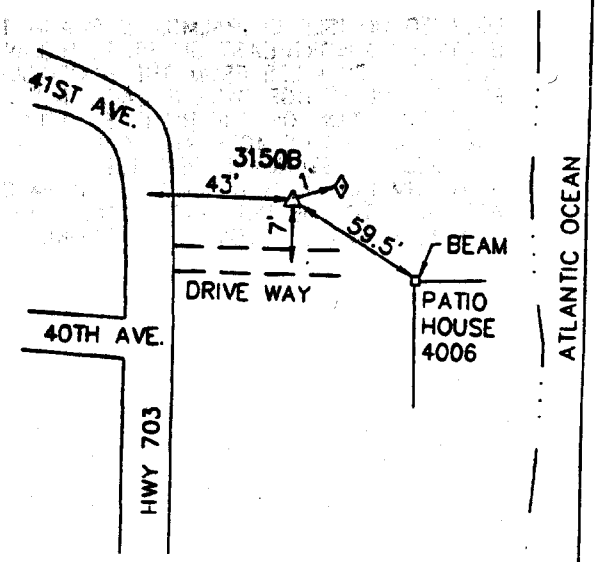
ELEVATION (NGVD 29) 8.16 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3145 B	S 72° 33' 14" W	S 71° 51' 56" W	1860.01 FEET
3155	N 81° 16' 48" E	N 80° 35' 30" E	1923.25 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION GO NORTHEAST ON STATE HIGHWAY 703 FOR 3.70 MILES FROM THE NORTHEAST END OF THE BRIDGE OVER BREACH INLET, TO THE STATION ON THE RIGHT BETWEEN THE JUNCTIONS OF 40TH AND 41ST AVENUES. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE ABOUT 1" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3155

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°41'30" SCALE FACTOR: 0.99990823

NORTHING: 353,479.59 FEET LAT: 32°47'54".49566

EASTING: 2,383,395.24 FEET LONG: 79°45'08".03027

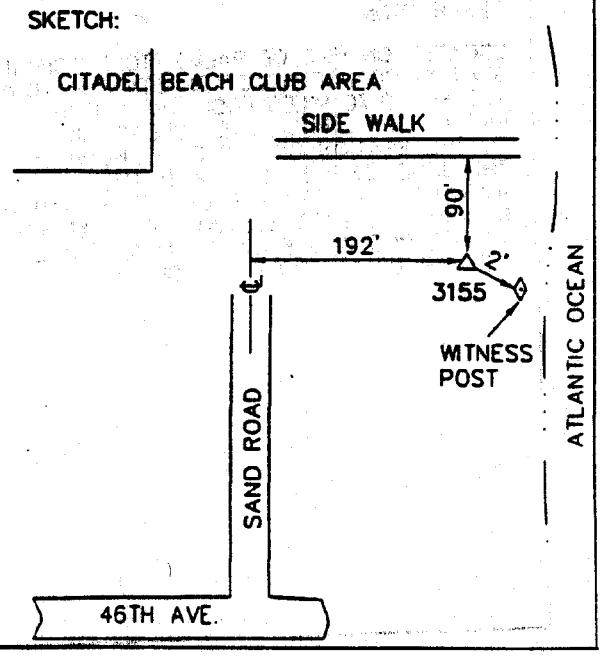
ELEVATION (NGVD 29) 7.86 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3150 B	S 81° 17' 00" W	S 80° 35' 30" W	1923.25 FEET
3157	N 74° 23' 45" E	N 73° 42' 15" E	1102.37 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION GO NORTHEAST ON STATE HIGHWAY 703 FOR 3.70 MILES FROM THE NORTHEAST END OF THE BRIDGE OVER BREACH INLET, TO THE STATION ON THE RIGHT BETWEEN THE JUNCTIONS OF 40TH AND 41ST AVENUES. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PIPE ABOUT 1" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3157

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°41'37" SCALE FACTOR: 0.99990802

NORTHING: 353,788.91 FEET LAT: 32°47'57".42963

EASTING: 2,384,453.32 FEET LONG: 79°44'55".59082

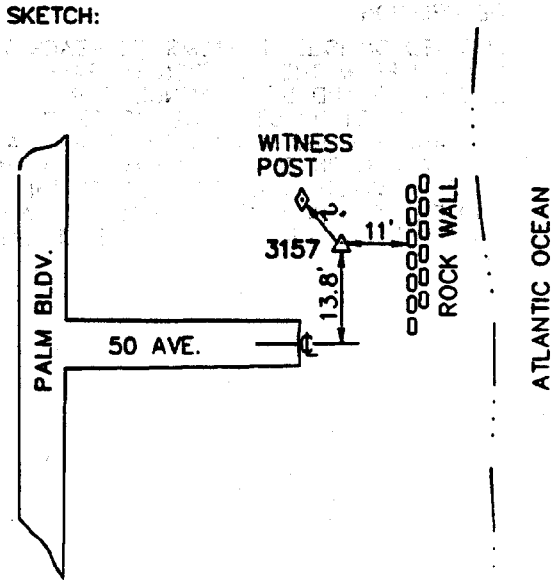
ELEVATION (NGVD 29) 7.19 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3155	S 74° 23' 52" W	S 73° 42' 15" W	1102.37 FEET
3159 B	N 67° 34' 19" E	N 66° 52' 42" E	1058.01 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF PALM BOULEVARD AND 50TH AVENUE, TURN RIGHT, SOUTH ON 50TH AVENUE TO ITS END AND THE STATION ON THE LEFT. A STANDARD SCCC PRE-FAB BREAK-AWAY PVC PIPE, WITH A BRONZE DISK ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING 6" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3159 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°41'44" SCALE FACTOR: 0.99990773

NORTHING: 354,204.38 FEET LAT: 32°48'01".42368

EASTING: 2,385,426.34 FEET LONG: 79°44'44".13254

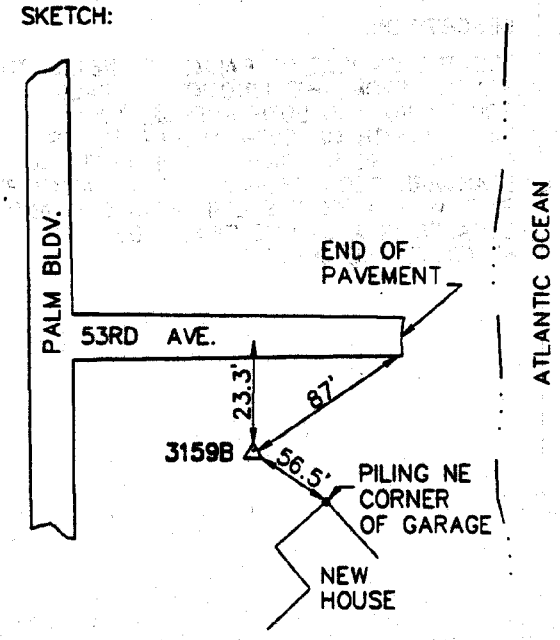
ELEVATION (NGVD 29) 6.83 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3157	S 67° 34' 26" W	S 66° 52' 42" W	1058.01 FEET
3165 B	N 76° 28' 34" E	N 75° 46' 50" E	1978.96 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE JUNCTION OF PALM BOULEVARD AND 53RD AVENUE, TURN RIGHT, SOUTH ON 53RD AVENUE TO ITS END AND THE STATION ON THE RIGHT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 2" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3165 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°41'56" SCALE FACTOR: 0.99990739

NORTHING: 354,690.48 FEET LAT: 32°48'06".00248

EASTING: 2,387,344.67 FEET LONG: 79°44'21".58911

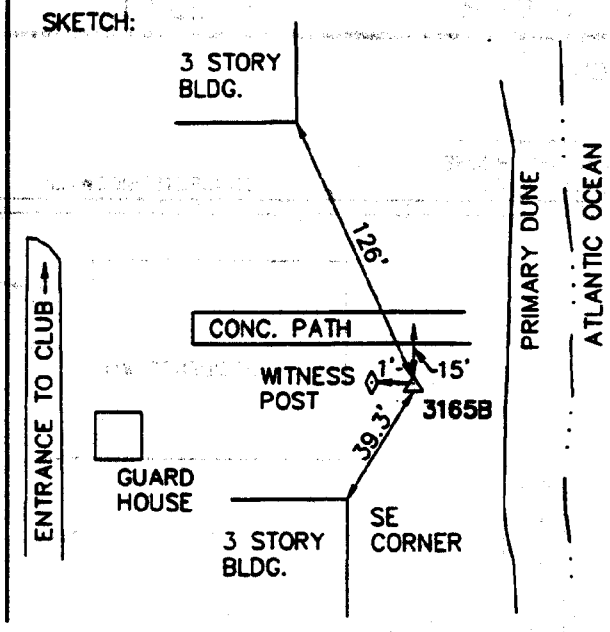
ELEVATION (NGVD 29) 7.14 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3159 B	S 76° 28' 46" W	S 75° 46' 50" W	1978.96 FEET
3167 B	N 72° 00' 25" E	N 71° 18' 29" E	1556.07 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION TRAVEL TO THE END OF PALM BOULEVARD AND THE GUARDHOUSE AT THE ENTRANCE TO WILD DUNES BEACH CLUB ON RIGHT, TURN RIGHT, SOUTH, ON A CONCRETE BEACH PATH FOR 0.10 MILE TO THE STATION ON THE RIGHT. A STANDARD BERNTSEN ALUMINUM PRE-FAB PIPE WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE FLUSH WITH THE GROUND.

SKETCH:



South Carolina Department of Health and Environmental Control

Office of Coastal Resource Management
Control Data

Set By: Cornerstone Surveying & Engineering, Inc.

Project: OCRM Replacement Monuments — Station No.: 3165C

State: SC — County: Charleston — Date: 11/10/97

SC System Plane Coordinates Lambert 3900 Zone — CSE Job #: 97242

Horizontal: NAD '83 ('86 ADJ.) — Vertical: NGVD '29

X Coordinate: 2,387,357.67 Int. Ft. — Y Coordinate: 354,647.24 Int. Ft.

Latitude: 32-48-05.5731 N — Longitude: 79-44-21.4430 W

Elevation: 8.95 US Ft. — Convergence: 0-41-56.2

Grid Factor: 0.999907425 — Elevation Factor: 1.000004869

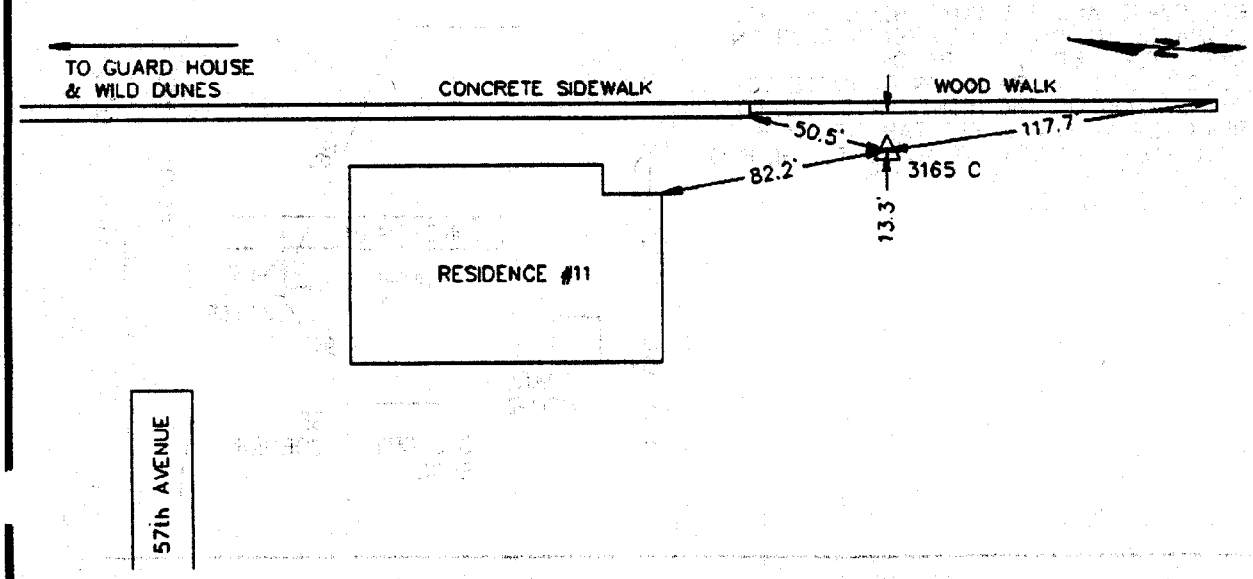
Type Of Mark: Berntsen PVC breakaway monument w/ aluminum cap

Description Of Location:

Located on the east side on Isle of Palms. To reach the station from the intersection of Coleman Blvd. and Ben Sawyer Blvd. (S-8-703) go Southerly on Ben Sawyer Blvd. for 2.77 miles to the intersection of Station 22-1/2. Turn left at the intersection of Station 22-1/2 and stay on S-8-703 (a.k.a. Jasper Blvd.). Proceed 3.59 miles to the intersection of 21st Ave. Turn right and go 0.10 miles to Palm Blvd. Take a left and go for 1.59 miles to the intersection of 41st street. Turn left and go 0.05 miles to the intersection of Cameron Blvd. and Palm Blvd. Turn right on Palm Blvd. and go 1.07 miles to 57th Ave. on right. Proceed down 57th Ave. to the tee intersection. Turn left and go to the end of 57th Ave. Point "3165 C" is located 82.2' Southeast of Southeastern most corner of residence #11 on South side of 57th Ave.; 50.5' Southwest of Western most corner of concrete sidewalk end and wood walk begin; 13.3' West of wood walk.

To Station	Geodetic Azimuth	Grid Azimuth	Grid Distance
10 332	286-25-11.7	285-43-15.5	791.12 Ft.
3167 B	70-20-51.0	69-38-54.8	1558.27 Ft.

Sketch:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3167 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°42'06" SCALE FACTOR: 0.99990705

NORTHING: 355,189.18 FEET LAT: 32°48'10".75848

EASTING: 2,388,818.67 FEET LONG: 79°44'04".24887

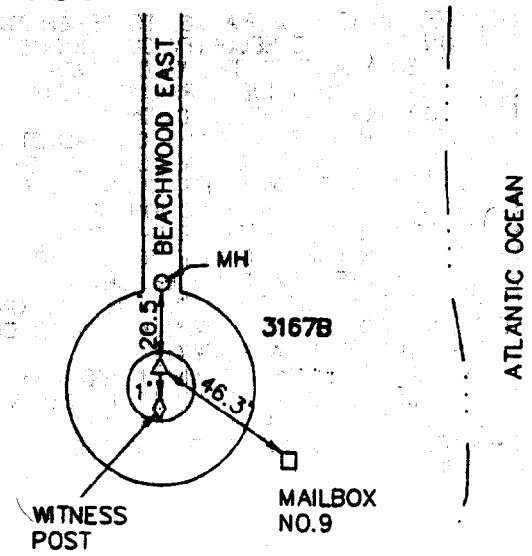
ELEVATION (NGVD 29) 7.17 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3165 B	S 72° 00' 35" W	S 71° 18' 29" W	1556.07 FEET
3170 B	N 65° 00' 54" E	N 64° 18' 48" E	870.79 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARDHOUSE AT THE ENTRANCE OF THE WILD DUNES BEACH CLUB CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 1.15 MILE TO THE JUNCTION OF BEACHWOOD WEST ON RIGHT, TURN RIGHT, FOR 0.10 MILE TO THE JUNCTION OF BEACHWOOD EAST ON RIGHT, TURN RIGHT SOUTH FOR 0.05 MILE TO A CUL-DE-SAC AND THE STATION ON THE LEFT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE DISK AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP FLUSH WITH THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3170 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°42'11" SCALE FACTOR: 0.99990678

NORTHING: 355,566.62 FEET LAT: 32°48'14".39790

EASTING: 2,389,603.41 FEET LONG: 79°43'55".00083

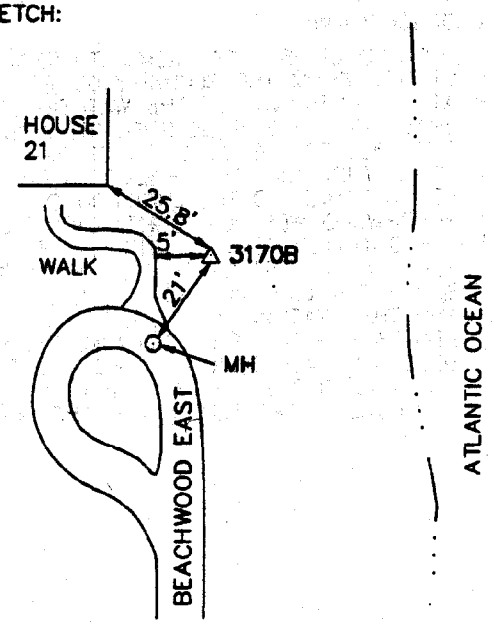
ELEVATION (NGVD 29) 7.62 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3167 B	S 65° 00' 59" W	S 64° 18' 48" W	870.79 FEET
3173 B	N 61° 49' 52" E	N 61° 07' 41" E	1415.84 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARDHOUSE AT THE ENTRANCE OF THE WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 1.15 MILE TO THE JUNCTION OF BEACHWOOD WEST ON RIGHT, TURN RIGHT, FOR 0.10 MILE TO THE JUNCTION OF BEACHWOOD EAST ON THE RIGHT, TURN RIGHT, SOUTH FOR 0.10 MILE TO A STOP SIGN, TURN LEFT, EAST, ON BEACHWOOD EAST FOR 0.15 MILE TO A CUL-DE-SAC ON LEFT AND THE STATION STRAIGHT AHEAD ON THE SOUTHSIDE OF A SIDEWALK. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP ABOUT 3" BELOW THE GROUND.

SKETCH:



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL

CONTROL SURVEYS

ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 3170 B 1990

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGENCE: 00°42'11"

SCALE FACTOR: 0.99990678

NORTHING: 355,566.62 FEET

LONG: 32°48'14.39790"

EASTING: 2,389,603.41 FEET

LAT: 79°43'55.00083"

ELEVATION (NGVD 29): 7.62 FEET

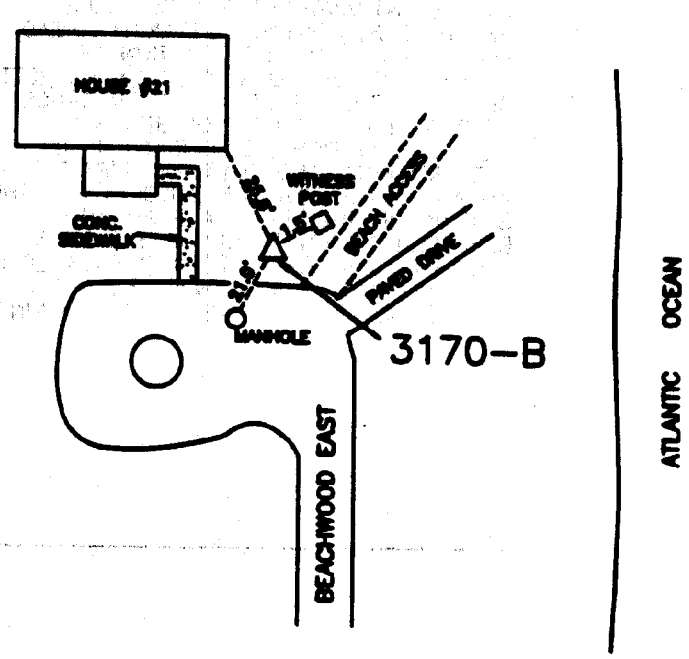
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3167 B	245°00'59"	S 64°18'48"W	870.79 FEET
3173 B	061°49'53"	N 61°07'41"E	1415.84 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARDHOUSE AT THE ENTRANCE OF THE WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MI. TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 1.15 MI. TO THE JUNCTION OF BEACHWOOD WEST ON RIGHT, TURN RIGHT, FOR 0.10 MILE TO THE JUNCTION OF BEACHWOOD EAST ON THE RIGHT, TURN RIGHT, SOUTH FOR 0.10 MI. TO A STOP SIGN, TURN LEFT, EAST, ON BEACHWOOD EAST FOR 0.15 MI. TO A CUL-DE-SAC ON LEFT AND THE STATION STRAIGHT AHEAD ON THE SOUTHSIDE OF A WALK.

A STANDARD BERNSTEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4"PVC PIPE WITH A THREADED CAP ABOUT 3" BELOW THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 3173 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 - SINGLE ZONE SPC - CONVERGANCE: 00°42'19" SCALE FACTOR: 0.99990630

NORTHING: 356,250.26 FEET LAT: 32°48'21".01133

EASTING: 2,390,843.26 FEET LONG: 79°43'40".37625

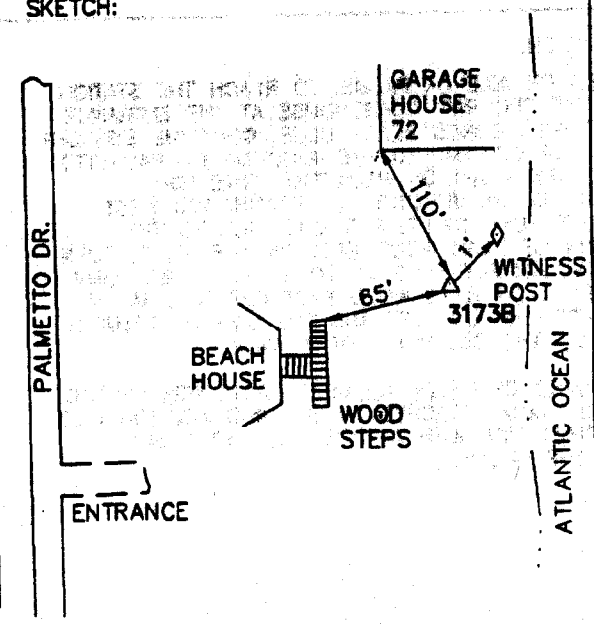
ELEVATION (NGVD 29) 5.97 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3170 B	S 61° 50' 00" W	S 61° 07' 41" W	1415.84 FEET
3175 B	N 49° 59' 44" E	N 49° 17' 25" E	897.21 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARDHOUSE AT THE ENTRANCE TO THE WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 1.65 MILES TO THE ENTRANCE OF "THE BEACH HOUSE" OF BEACH CLUB VILLAS, TURN RIGHT, SOUTHEAST, INTO THE ENTRANCE AND CONTINUE STRAIGHT AHEAD TO THE REAR OF BUILDING AND THE STATION ON THE LEFT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING ABOUT 2" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS –

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3175 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°42'23" SCALE FACTOR: 0.99990589

NORTHING: 356,835.45 FEET LAT: 32°48'26".71848

EASTING: 2,391,523.37 FEET LONG: 79°43'32".32349

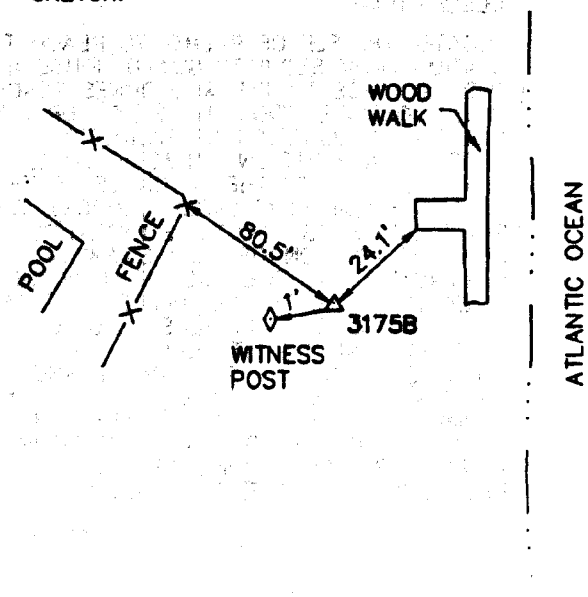
ELEVATION (NGVD 29) 11.04 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3173 B	S 49° 59' 48" W	S 49° 17' 25" W	897.21 FEET
3178 B	N 39° 04' 32" E	N 38° 22' 09" E	1018.22 FEET.

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE ENTRANCE TO THE WILD DUNES BEACH CLUB CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 1.8 MILE TO THE ENTRANCE OF ~~MORIMERS~~ Mariners WALK, TURN RIGHT, SOUTHEAST, INTO THE ENTRANCE, TURN RIGHT THEN LEFT FOR 0.15 MILE TO THE REAR OF THE DRIVE TO BUILDING 11A AND THE STATION EAST OF THE BUILDING AND ON SOUTHEAST SIDE OF THE SWIMMING POOL. A STANDARD ALUMINUM PRE-FAB PIPE WITH A SCCC ALUMINUM DISK ATTACHED AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP 2" BELOW THE SAND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3178 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 - SINGLE ZONE SPC - CONVERGANCE: 00°42'28" SCALE FACTOR: 0.99990533

NORTHING: 357,633.76 FEET LAT: 32°48'34".54011

EASTING: 2,392,155.41 FEET LONG: 79°43'24".80288

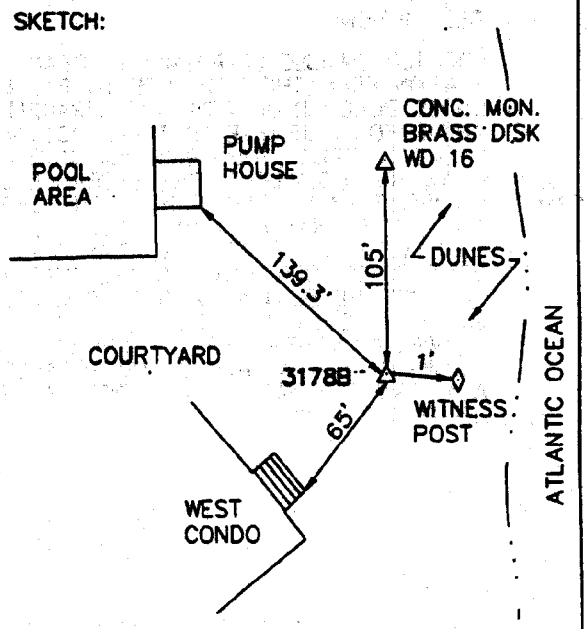
ELEVATION (NGVD 29) 10.25 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3175 B	S 39° 04' 37" W	S 38° 22' 09" W	1018.22 FEET
3180 B	N 43° 34' 30" E	N 42° 52' 02" E	742.74 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM SECURITY GUARD HOUSE AT THE ENTRANCE TO THE WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 1.90 MILES TO THE ENTRANCE OF THE SUMMER HOUSE (TWO LARGE CONDOS), TURN RIGHT, SOUTHEAST, INTO THE ENTRANCE DRIVE OF THE CONDOS TO A SIDEWALK LEADING EAST TO THE POOL, FOLLOW THE SIDEWALK ALONG THE SOUTHWEST SIDE OF THE POOL TO THE SOUTHEAST EDGE OF THE PROPERTY AND THE STATION ON LEFT, ABOUT 25' SOUTH OF THE SODDED AREA OF THE COURTYARD. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 2" ABOVE THE GROUND.

SKETCH:



DATE : NOVEMBER 1998

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 3178 C 1998

STATE : SOUTH CAROLINA COUNTY : CHARLESTON

NAD 83-SINGLE ZONE SPC-CONVERGANCE : 0°42'27.05" SCALE FACTOR : 0.99990526

NORTHING : 357,730.11 FEET LAT : 32°48'35.51048"

EASTING : 2,392,069.35 FEET LONG : 79°43'25.74106"

ELEVATION (NGVD '29) 12.24 FEET

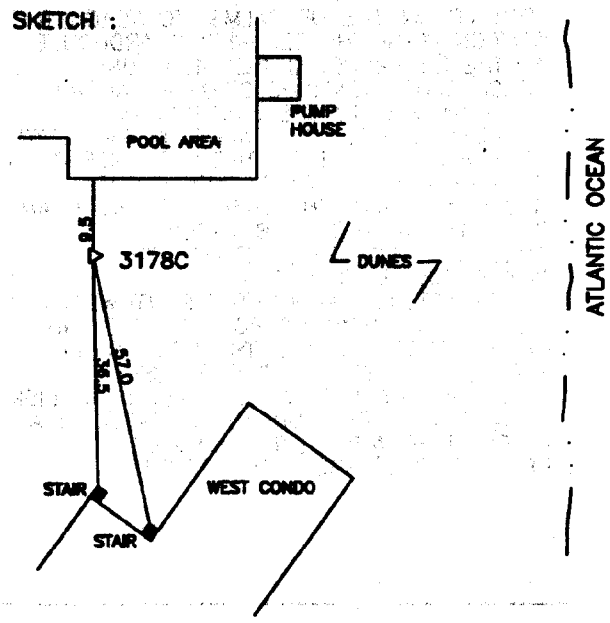
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3175B	212°06'06.79"	S31°23'39.74"W	1048.12 FEET
3180C	50°46'08.98"	N50°03'41.93"E	754.02 FEET

DESCRIPTION :

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARD HOUSE AT THE ENTRANCE TO WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MI TO JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 1.90 MI TO ENTRANCE OF THE SUMMER HOUSE (TWO LARGE CONDOS), TURN RIGHT, SOUTHEAST, INTO THE ENTRANCE OF THE CONDOS TO A SIDEWALK LEADING EAST TO THE POOL. FOLLOW THE SIDEWALK ALONG THE SOUTHWEST SIDE OF THE POOL TO THE SOUTHEAST EDGE OF THE PROPERTY AND THE STATION IS ON THE LEFT.

A STANDARD ALUMINUM CAP ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING 6" ABOVE GRADE.

SKETCH :



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3180 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°42'31" SCALE FACTOR: 0.99990494

NORTHING: 358,178.14 FEET LAT: 32°48'39".86463

EASTING: 2,392,660.69 FEET LONG: 79°43'18".80372

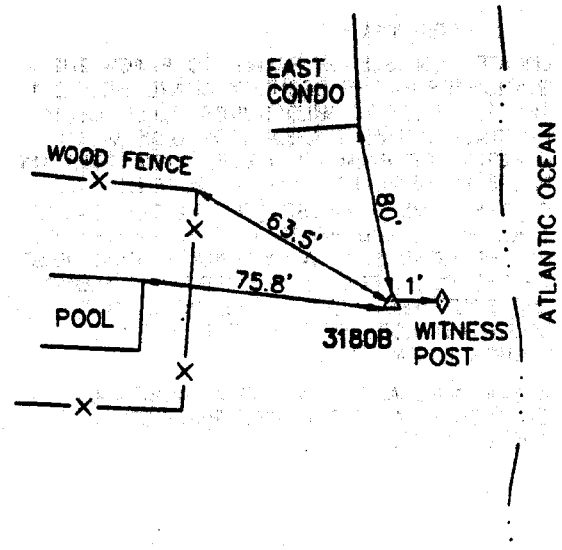
ELEVATION (NGVD 29) 10.66 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3178 B	S 43° 34' 33" W	S 42° 52' 02" W	742.74 FEET
3183 B	N 32° 44' 46" E	N 32° 02' 15" E	1032.57 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARDHOUSE AT THE ENTRANCE TO THE WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 2.0 MILE TO THE ENTRANCE OF PORT OF CALL (CONDOS) TURN RIGHT, SOUTHEAST, INTO THE ENTRANCE AND BEAR RIGHT TO AN OPENING BETWEEN THE CONDOS. TURN LEFT, BETWEEN THE CONDOMINIUMS, THEN RIGHT, SOUTHEASTERLY, ALONG THE SOUTHWEST SIDE OF THE SWIMMING POOL TO THE END OF THE PROPERTY AND THE STATION ON THE LEFT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 2" ABOVE THE GROUND.

SKETCH:



DATE : NOVEMBER 1998

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 3180 C 1998

STATE : SOUTH CAROLINA COUNTY : CHARLESTON

NAD 83–SINGLE ZONE SPC–CONVERGANCE : 0°42'30.84" SCALE FACTOR : 0.9999049

NORTHING : 358,214.17 FEET LAT : 32°48'40.2293"

EASTING : 2,392,647.48 FEET LONG : 79°43'18.8972"

ELEVATION (NGVD '29) 11.73 FEET

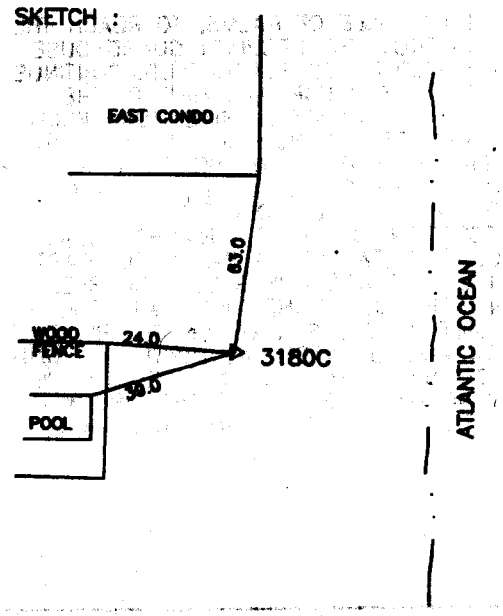
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3178C	230°46'12.77"	S50°03'41.93"W	754.02 FEET
3183B	34°27'53.01"	N33°45'22.17"E	1009.46 FEET

DESCRIPTION :

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARD HOUSE AT THE ENTRANCE TO WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MI TO JUNCTION OF PALMETTO DRIVE, TURN RIGHT ON PALMETTO DRIVE FOR 2.0 MI TO ENTRANCE OF PORT OF CALL (CONDOS) TURN RIGHT, SOUTHEAST, INTO THE ENTRANCE AND BEAR RIGHT TO AN OPENING BETWEEN THE CONDOS. TURN LEFT, BETWEEN THE CONDOMINIUMS, THEN RIGHT SOUTHEASTERLY, ALONG THE SOUTHWEST SIDE OF THE SWIMMING POOL TO THE END OF THE PROPERTY AND THE STATION ON THE LEFT.

A STANDARD ALUMINUM CAP ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING 6" ABOVE GRADE.

SKETCH :



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3183 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°42'35" SCALE FACTOR: 0.99990433

NORTHING: 359,053.44 FEET LAT: 32°48'48".45821

EASTING: 2,393,208.44 FEET LONG: 79°43'12".25884

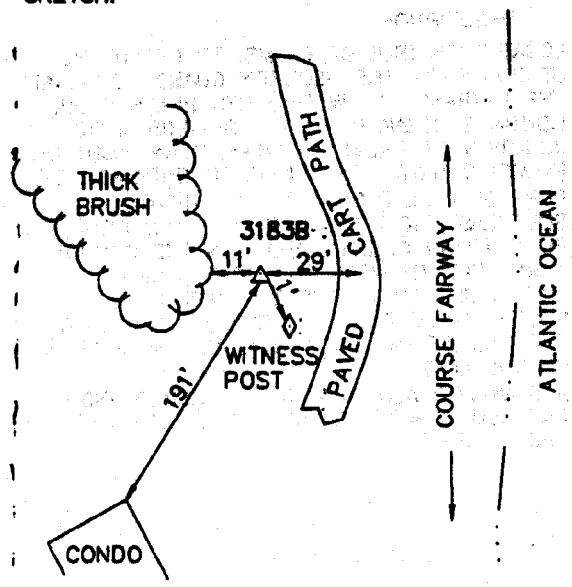
ELEVATION (NGVD 29) 6.83 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3180 B	S 32° 44' 50" W	S 32° 02' 15" W	1032.57 FEET
3185 B	N 26° 01' 19" E	N 25° 18' 44" E	481.28 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARDHOUSE AT THE WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ONTO PALMETTO DRIVE FOR 2.35 MILES TO THE ENTRANCE OF OCEAN POINT, TURN RIGHT, NORTHEAST ALONG THE ENTRANCE ROAD FOR 0.20 MILE TO A "T" INTERSECTION, CONTINUE STRAIGHT AHEAD, ACROSS THE SAND TO A PAVED GOLFCART PATH OF THE WILD DUNES GOLF COURSE, TURN RIGHT ALONG THE CART PATH FOR 0.35 MILE TO THE STATION ON THE RIGHT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP FLUSH WITH THE SAND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3185 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°42'36" SCALE FACTOR: 0.99990402

NORTHING: 359,488.52 FEET LAT: 32°48'52".73776

EASTING: 2,393,414.22 FEET LONG: 79°43'09".78461

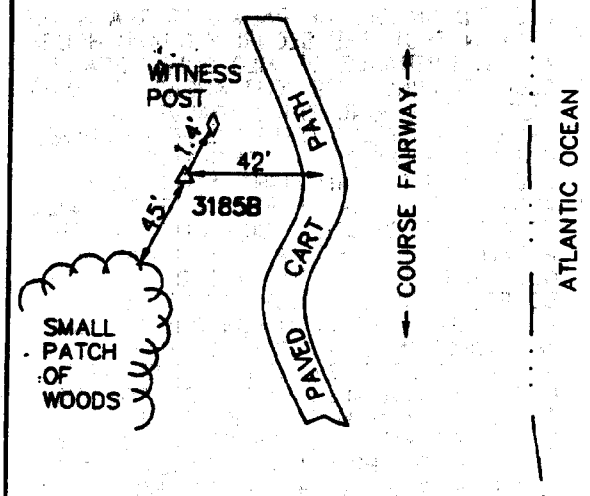
ELEVATION (NGVD 29) 9.16 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3183 B	S 26° 01' 20" W	S 25° 18' 44" W	481.28 FEET
3190 B	N 32° 50' 26" W	N 33° 33' 02" W	1820.19 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARD HOUSE AT THE WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ONTO PALMETTO DRIVE FOR 2.35 MILES TO THE ENTRANCE OF OCEAN POINT, TURN RIGHT, NORTHEAST ALONG THE ENTRANCE ROAD FOR 0.20 MILE TO A T-INTERSECTION, CONTINUE AHEAD, ACROSS THE SAND TO A PAVED GOLFCART PATH OF THE WILD DUNES GOLF COURSE, TURN RIGHT ALONG THE CART PATH FOR 0.20 MILE TO THE STATION ON THE RIGHT. A STANDARD BERNTSEN ALUMINUM ROD WITH A SCCC ALUMINUM DISK ATTACHED TO THE ROD AND ENCASED IN A 4" PVC PIPE WITH A THREADED CAP PROJECTING 2" ABOVE THE GROUND.

SKETCH:



DATE: OCTOBER 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
ISLE OF PALMS

PROJECT: SCCC SURVEY MONUMENTATION STATION NO.: SCCC 3190 B

STATE: SOUTH CAROLINA COUNTY: CHARLESTON

NAD 83 – SINGLE ZONE SPC – CONVERGANCE: 00°42'29" SCALE FACTOR: 0.99990294

NORTHING: 361,005.46 FEET LAT: 32°49'07".87019

EASTING: 2,392,408.25 FEET LONG: 79°43'21".35211

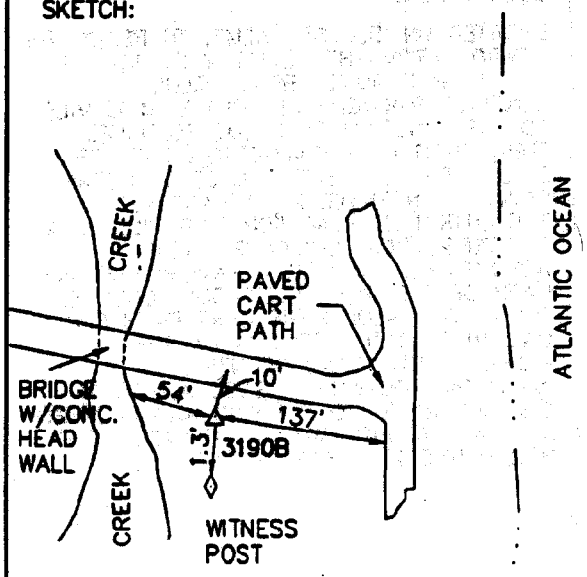
ELEVATION (NGVD 29) 5.62 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
3185 B	S 32° 50' 33" E	S 33° 33' 02" E	1820.19 FEET

DESCRIPTION:

LOCATED ON ISLE OF PALMS, TO REACH THE STATION FROM THE SECURITY GUARD HOUSE AT THE ENTRANCE OF WILD DUNES BEACH CLUB, CONTINUE STRAIGHT AHEAD FOR 0.05 MILE TO THE JUNCTION OF PALMETTO DRIVE, TURN RIGHT ONTO PALMETTO DRIVE FOR 2.35 MILES TO THE ENTRANCE OF OCEAN POINT, TURN RIGHT, NORTHEAST ALONG THE ENTRANCE ROAD FOR 0.20 MILE TO A T–INTERSECTION, CONTINUE STRAIGHT AHEAD ACROSS THE SAND TO A PAVED GOLFCART PATH OF THE WILD DUNES GOLF COURSE, TURN LEFT NORTH–NORTHWEST ALONG THE CART PATH FOR 0.15 MILE TO THE JUNCTION OF A GOLFCART PATH LEADING WEST, TURN LEFT ON THE CART PATH FOR 0.05 MILE TO THE STATION ON THE LEFT. A STANDARD NGS STAINLESS STEEL ROD WITH THE TOP OF THE DATUM POINT CENTER PUNCHED, ENCASED IN A 1" PVC PIPE FILLED WITH GREASE AND SURROUNDED BY A 5" PVC PIPE WITH AN ALUMINUM LOGO CAP FLUSH WITH THE GROUND.

SKETCH:



Appendix 3

This appendix contains shoreline change rates for this area, given in feet per year. A negative number indicates erosion. A stable or accretional shoreline is designated S/A.

All of the Isle of Palms has been classified as stable to accretional.