STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PERMIT

RECEIVED
OCT 27 1994
PUBLIC WORKS DEPT.

DATE: 28 February 1994 PERMIT NO. R17-022-94

SUBJECT: SECTION 17030-401 22 STATE ROAD SR 789 COUNTY Sarasota

PERMITTEE: Town of Longboat Key

REQUESTING PERMISSION FROM THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, HEREINAFTER CALLED THE DEPARTMENT, TO CONSTRUCT, OPERATE AND MAINTAIN: Wooden pedestrian walkway "QUICKPOINT NATURE PRESERVE"

AT/FROM M.P./STA. 0.267 TO M.P./STA. 0.337

1. PROPOSED WORK IS WITHIN THE CORPORATE LIMITS OF A MUNICIPALITY. YES (X) NO ( ) NAME OF MUNICIPALITY Town of Longboat Key

2. IS INTERSTATE OR TOLL ROAD R/W INVOLVED? YES ( ) NO (X)

3. APPLICANT DECLARES THAT PRIOR TO FILING THIS APPLICATION HE HAS ASCERTAINED THE LOCATION OF ALL EXISTING UTILITIES, BOTH AERIAL AND UNDERGROUND AND THE ACCURATE LOCATIONS ARE SHOWN ON THE PLANS. A LETTER OF NOTIFICATION WAS MAILED ON 28 February 1994 TO THE FOLLOWING UTILITIES/MUNICIPALITIES:
FPL Peoples Gas Storer Cable GTE.

4. THE OFFICE OF THE LOCAL MAINTENANCE OR RESIDENT ENGINEER SHALL BE NOTIFIED TWENTY-FOUR (24) HOURS PRIOR TO STARTING WORK AND AGAIN IMMEDIATELY UPON COMPLETION OF WORK. THE ENGINEER IS Mr. Sam Stacy, LOCATED AT Sarasota, FLORIDA. TELEPHONE NUMBER 813 359-5654.

5. ALL WORK, MATERIALS, AND EQUIPMENT SHALL BE SUBJECT TO INSPECTION BY THE LOCAL MAINTENANCE OR RESIDENT ENGINEER AND SHALL CONFORM TO ALL DEPARTMENT SPECIFICATIONS AND STANDARDS IN EFFECT AS OF THE APPROVAL DATE OF THIS PERMIT. 5866

6. ALL DEPARTMENT PROPERTY SHALL BE RESTORED TO ITS ORIGINAL CONDITION IN [redacted] WITH THE DEPARTMENT'S SPECIFICATIONS AND IN A MANNER ACCEPTABLE [redacted] DEPARTMENT.

7. PLANS OF THIS INSTALLATION SHALL CONFORM TO THE DEPARTMENT'S STANDARD SPECIFICATIONS AND ROADWAY AND TRAFFIC DESIGN STANDARDS AND SHALL BE MADE PART OF THIS PERMIT BY ATTACHMENT.

8. THE PERMITTEE SHALL COMMENCE ACTUAL CONSTRUCTION IN GOOD FAITH WITHIN 90 DAYS FROM THE DAY OF SAID PERMIT APPROVAL AND ALL WORK SHALL BE COMPLETED WITHIN 60 DAYS. IF THE BEGINNING WORK DATE IS MORE THAN SIXTY (60) DAYS FROM THE DATE OF PERMIT APPROVAL, THEN THE PERMITTEE MUST REVIEW THE PERMIT WITH THE AFFECTED DEPARTMENT ENGINEER TO DETERMINE IF ANY CHANGES HAVE OCCURRED THAT WOULD AFFECT THE PROPOSED PERMIT ACTIVITY.

9. THE CONSTRUCTION AND MAINTENANCE OF SAID ACTIVITY SHALL NOT INTERFERE WITH THE PROPERTY AND RIGHTS OF A PRIOR PERMITTEE. IT IS EXPRESSLY STIPULATED THAT THIS PERMIT IS A LICENSE FOR PERMISSIVE USE ONLY AND THAT THE PLACING OF FACILITIES UPON PUBLIC PROPERTY PURSUANT TO THIS PERMIT SHALL NOT OPERATE TO CREATE OR VEST ANY PROPERTY RIGHT IN SAID HOLDER.

10. WHENEVER NECESSARY FOR THE CONSTRUCTION, REPAIR, IMPROVEMENT, MAINTENANCE, SAFE AND EFFICIENT OPERATION, ALTERATION OR RELOCATION OF ALL, OR ANY PORTION OF SAID HIGHWAY AS DETERMINED BY THE DISTRICT DIRECTOR OF OPERATIONS, ANY AND ALL FACILITIES AND APPURTENANCES AUTHORIZED HEREUNDER, SHALL BE IMMEDIATELY REMOVED FROM SAID HIGHWAY OR RESET OR RELOCATED THEREON AS REQUIRED BY THE DIRECTOR OF OPERATIONS. THIS WILL BE ACCOMPLISHED AT THE EXPENSE OF THE PERMITTEE.

THE SARASOTA MAINTENANCE OFFICE SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF STARTING WORK.

Sod All Portions of Disturbed Right-Of-Way.

11. IT IS UNDERSTOOD AND AGREED THAT THE RIGHTS AND PRIVILEGES HEREIN SET OUT ARE GRANTED ONLY TO THE EXTENT OF THE STATE'S RIGHT, TITLE AND INTEREST IN THE LAND TO BE ENTERED UPON AND USED BY THE PERMITTEE. THE PERMITTEE WILL, AT ALL TIMES, ASSUME ALL RISK, INDEMNIFY, DEFEND AND SAVE HARMLESS THE STATE OF FLORIDA, THE DEPARTMENT'S OFFICERS, AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DEMANDS, ACTIONS, LIABILITIES AND SUITS OF ANY NATURE WHATSOEVER ARISING OUT OF, BECAUSE OF, OR DUE TO THE PERMITTEE'S USE (OR USE BY ITS AGENTS OR EMPLOYEES) OF DEPARTMENT R/W. THIS WILL INCLUDE ANY AND ALL LOSS, DAMAGE, COST OR EXPENSE ARISING IN ANY MANNER ON ACCOUNT OF THE EXERCISE OR THE ATTEMPTED EXERCISE BY THE PERMITTEE OF THE AFORESAID RIGHTS AND PRIVILEGES. THIS WILL INCLUDE ANY ACT OR OCCURRENCE OF OMISSION OR COMMISSION BY THE PERMITTEE, ITS AGENTS OR EMPLOYEES. IT IS SPECIFICALLY UNDERSTOOD AND AGREED THAT THIS INDEMNIFICATION CLAUSE DOES NOT COVER OR INDEMNIFY THE DEPARTMENT FOR ITS SOLE NEGLIGENCE.

12. DURING CONSTRUCTION, ALL SAFETY REGULATIONS OF THE DEPARTMENT SHALL BE ADHERED TO AND THE PERMITTEE SHALL BE RESPONSIBLE TO PROVIDE MEASURES, INCLUDING PLACING AND DISPLAY OF SAFETY DEVICES, THAT MAY BE NECESSARY IN ORDER TO SAFELY CONDUCT THE PUBLIC THROUGH THE PROJECT AREA IN ACCORDANCE WITH THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS AMENDED, AND THE DEPARTMENT'S LATEST ROADWAY AND TRAFFIC DESIGN STANDARDS.

13. SPECIAL CONDITIONS: None noted

14. THIS IS TO CERTIFY THAT THE ABOVE INFORMATION IS CORRECT WITH THE UNDERSTANDING THAT ANY FALSE STATEMENT WILL VOID THE PERMIT HEREBY REQUESTED. IN CASE OF NONCOMPLIANCE WITH THE APPLICABLE STATUTE, RULE, REGULATION, STANDARD OR SPECIFICATION, THIS PERMIT IS VOID AND THE FACILITY/ACTIVITY WILL HAVE TO BE BROUGHT INTO COMPLIANCE OR REMOVED FROM THE DEPARTMENT'S R/W AT THE PERMITTEE'S EXPENSE IMMEDIATELY.

SUBMITTED BY: TOWN of LBK
PERMITTEE

PLACE CORPO[illegible] SEAL (OR FACSIMILE)

SIGNATURE AND TITLE
DIR of PW
LEONARD A. SMALLEY

Carol Hill Deputy Town Clerk
CAROL HILL ATTESTED

WITNESS Carl B Hubbard
CARL B. HUBBARD

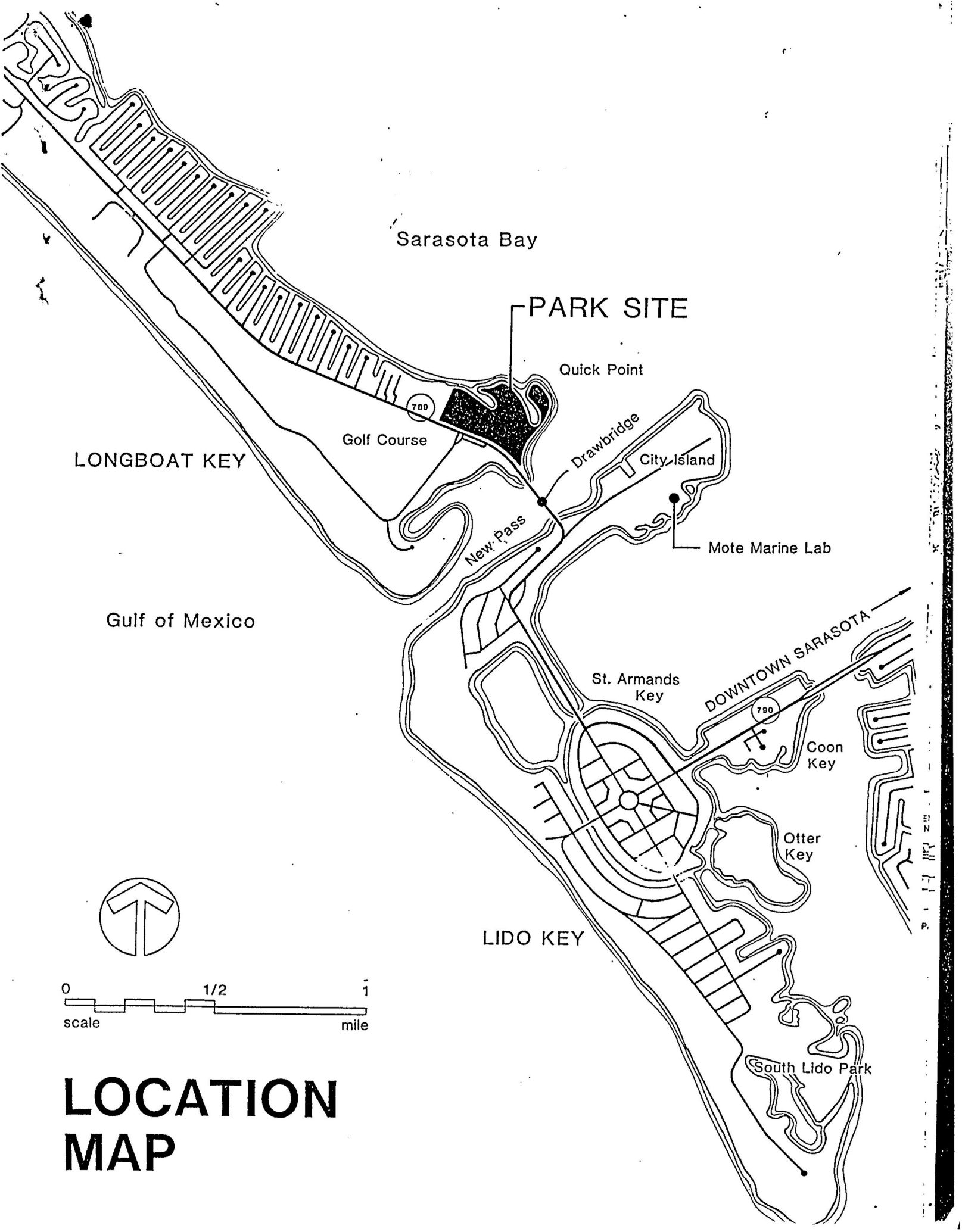
IS WAIVER OF CORPORATE SEAL ON FILE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, TALLAHASSEE, FLORIDA? YES (X) NO ( )

IS ROADWAY CONSTRUCTION PROPOSED OR UNDERWAY? YES (X) NO ( ) WPI# 111921
111974
111913

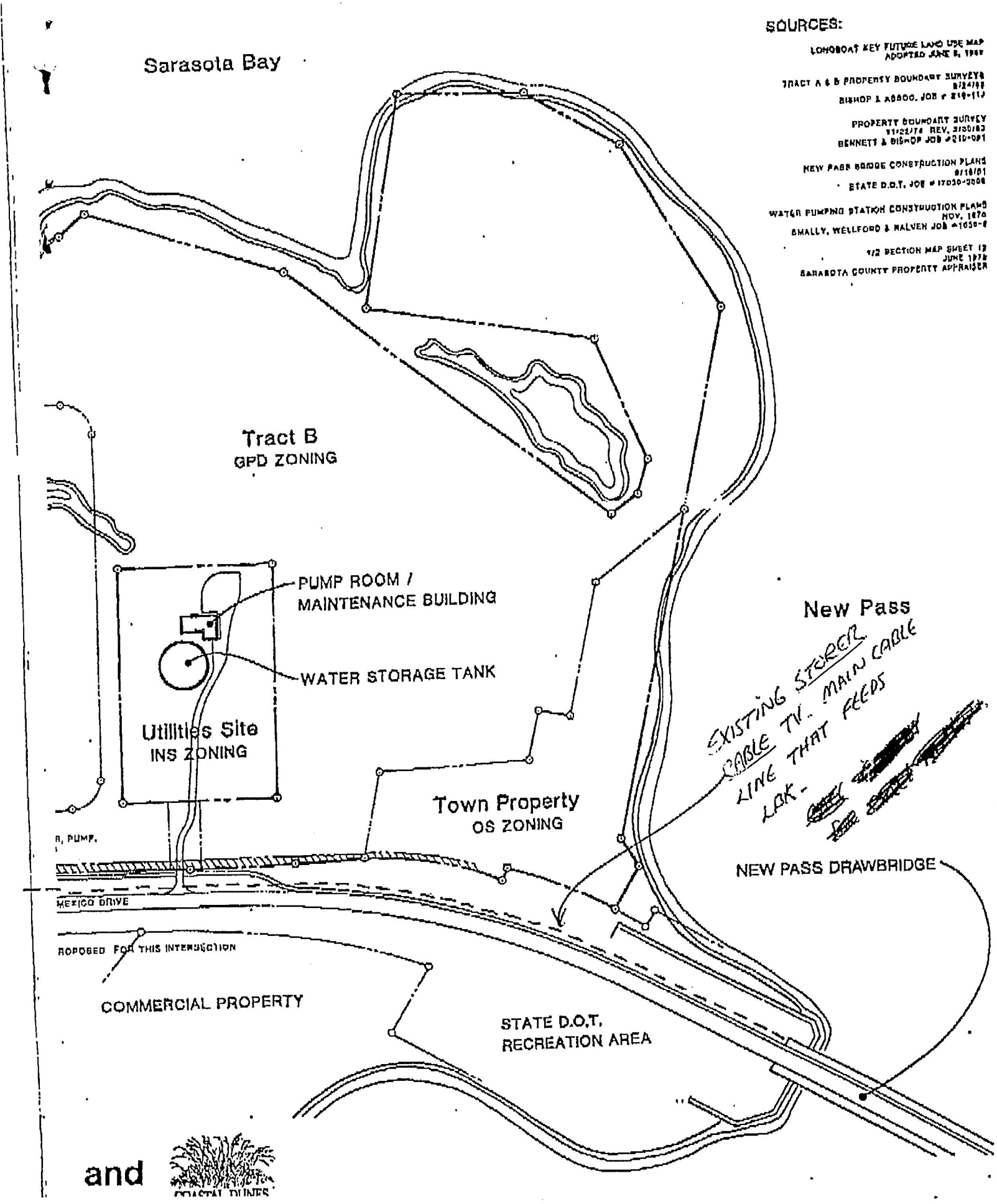
RECOMMENDED FOR APPROVAL S. M. Lacy

TITLE: E III DATE: 10-17-94

APPROVED BY: D. M. Cornelius II DATE: OCT 24 1994
DISTRICT PERMIT ENGINEER OR AUTHORIZED REPRESENTATIVE



LOCATION MAP


SOURCES:
LONGBOAT KEY FUTURE LAND USE MAP ADOPTED JUNE 6, 1989
TRACT A & B PROPERTY BOUNDARY SURVEYS 8/24/88
BISHOP & ASSOC. JOB # 210-111
PROPERTY BOUNDARY SURVEY 11/22/74 REV. 3/30/83
BENNETT & BISHOP JOB #210-091
NEW PASS BRIDGE CONSTRUCTION PLANS 9/18/81
STATE D.O.T. JOB # 17030-3508
WATER PUMPING STATION CONSTRUCTION PLANS NOV. 1970
SMALLY, WELLFORD & NALVEN JOB #1058-0
1/2 SECTION MAP SHEET 19 JUNE 1978
SARASOTA COUNTY PROPERTY APPRAISER
Sarasota Bay
Tract B
GPD ZONING
PUMP ROOM / MAINTENANCE BUILDING
WATER STORAGE TANK
Utilities Site
INS ZONING
Town Property
OS ZONING
New Pass
EXISTING STORER CABLE TV. MAIN CABLE LINE THAT FEEDS LBK.
NEW PASS DRAWBRIDGE
MEXICO DRIVE
ROPOSED FOR THIS INTERSECTION
COMMERCIAL PROPERTY
STATE D.O.T. RECREATION AREA
and
COASTAL DUNES

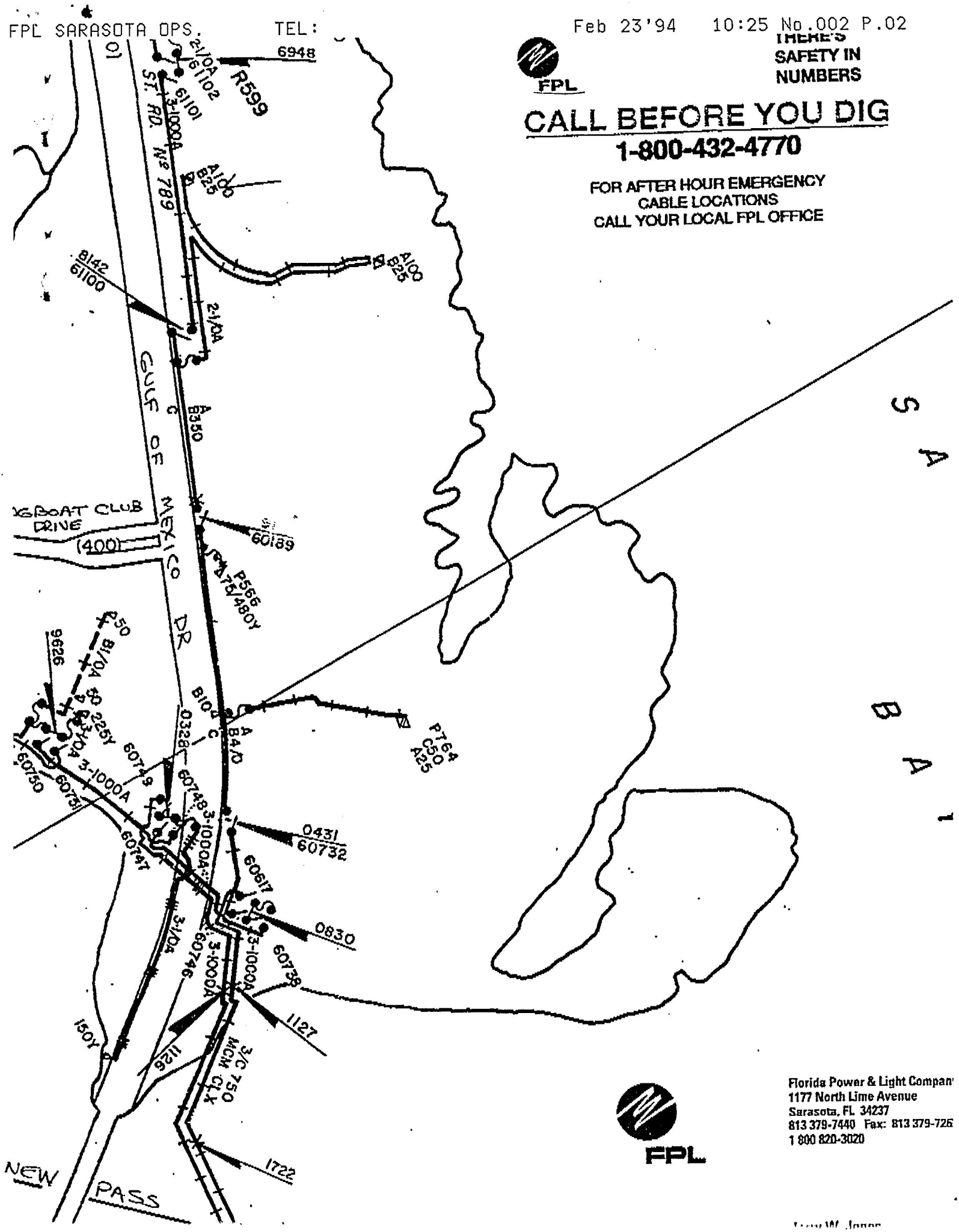
FPL

THERE'S SAFETY IN NUMBERS

CALL BEFORE YOU DIG

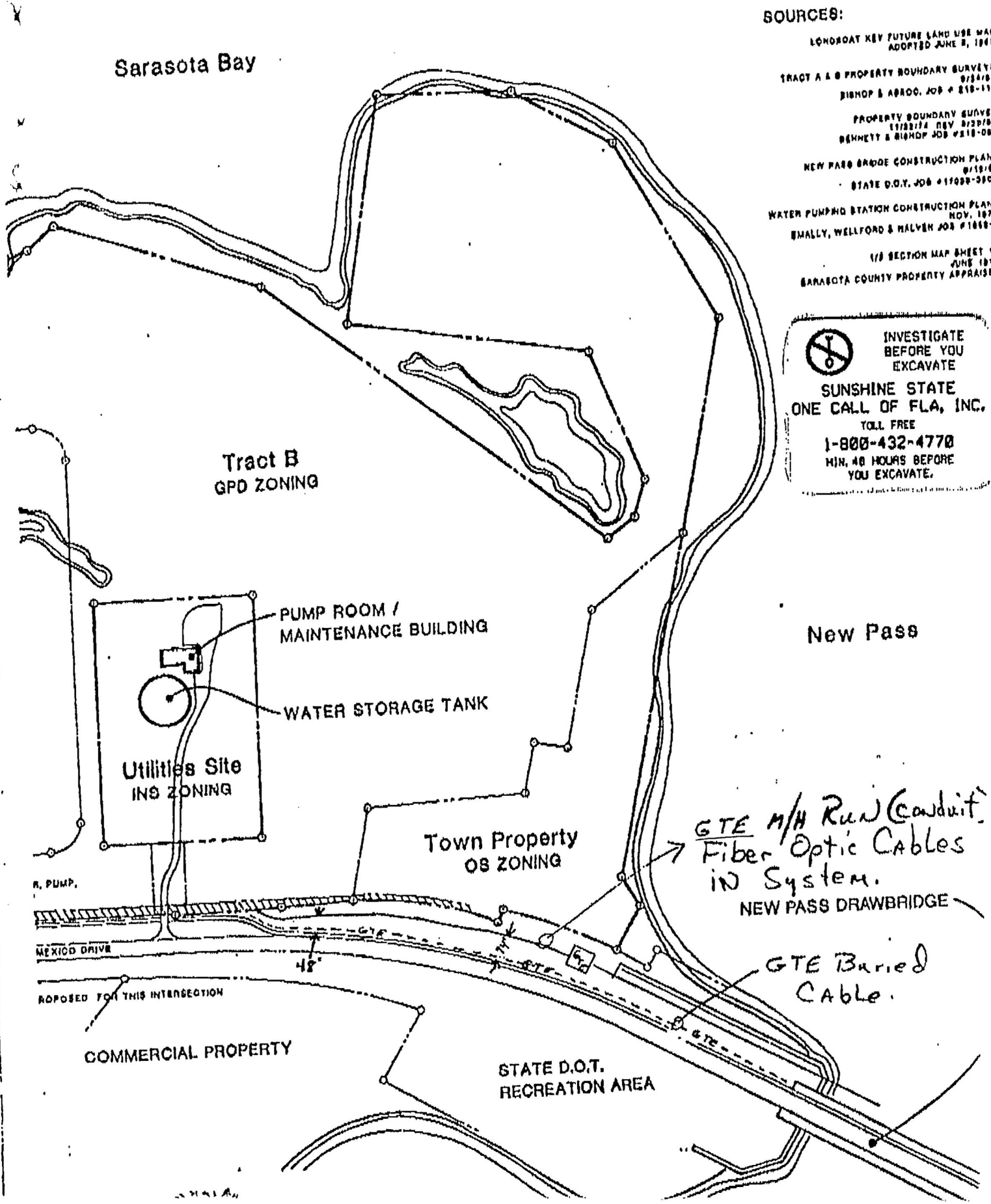
1-800-432-4770

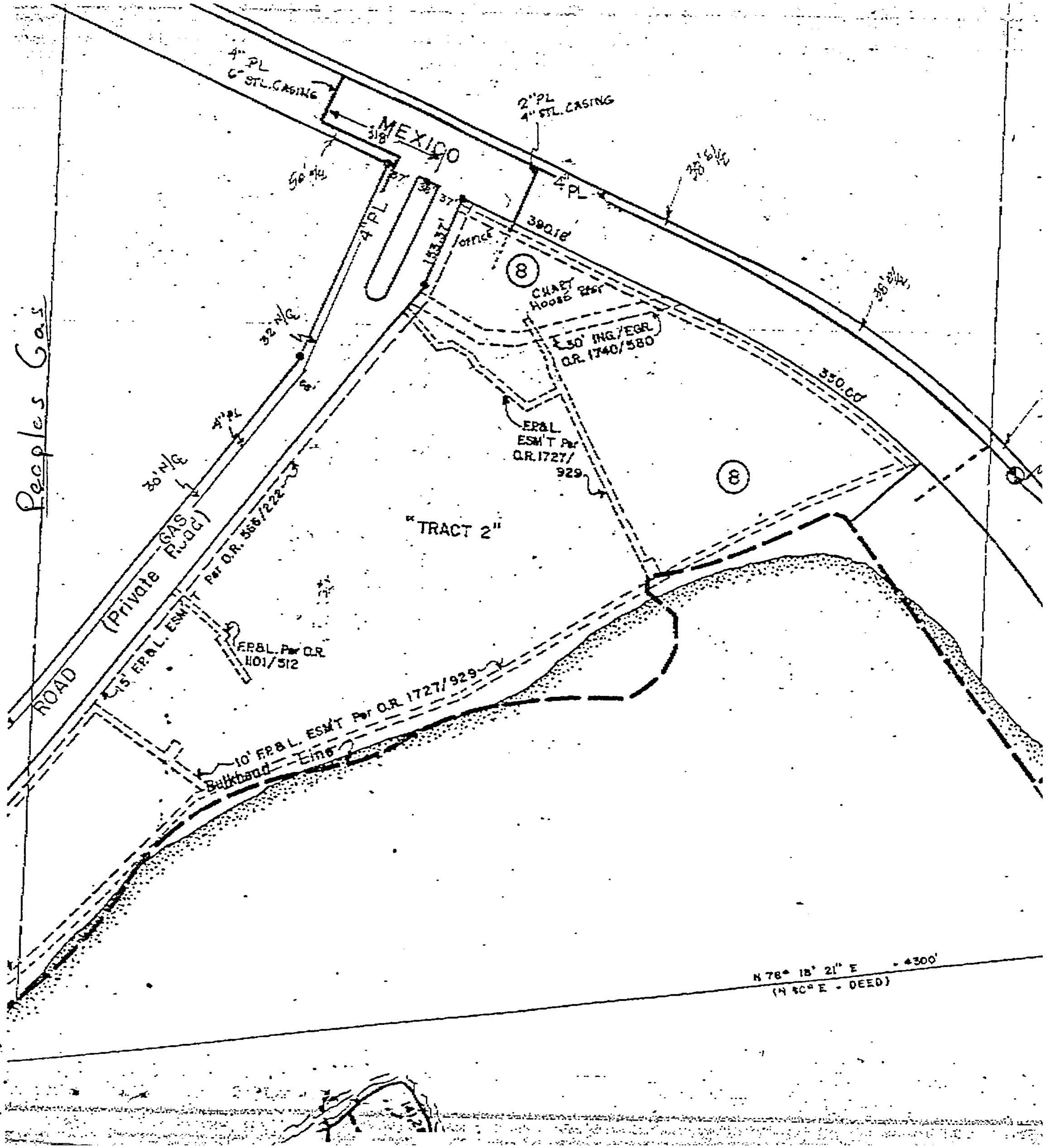
FOR AFTER HOUR EMERGENCY
CABLE LOCATIONS
CALL YOUR LOCAL FPL OFFICE



FPL

Florida Power & Light Company
1177 North Lime Avenue
Sarasota, FL 34237
813 379-7440 Fax: 813 379-726
1 800 820-3020


SOURCES:
LONGBOAT KEY FUTURE LAND USE MAP ADOPTED JUNE 8, 1989
TRACT A & B PROPERTY BOUNDARY SURVEYS 9/24/87
BISHOP & ASSOC. JOB # 818-117
PROPERTY BOUNDARY SURVEY 11/22/74 REV 8/20/85
BENNETT & BISHOP JOB #818-087
NEW PASS BRIDGE CONSTRUCTION PLANS 9/19/61
STATE D.O.T. JOB #17080-3506
WATER PUMPING STATION CONSTRUCTION PLANS NOV. 1976
SMALLY, WELLFORD & MALVEN JOB #1868-1
1/8 SECTION MAP SHEET 18 JUNE 1976
SARASOTA COUNTY PROPERTY APPRAISER
INVESTIGATE BEFORE YOU EXCAVATE
SUNSHINE STATE ONE CALL OF FLA, INC.
TOLL FREE
1-800-432-4770
MIN. 48 HOURS BEFORE YOU EXCAVATE.
Sarasota Bay
Tract B
GPD ZONING
PUMP ROOM / MAINTENANCE BUILDING
WATER STORAGE TANK
Utilities Site
INS ZONING
New Pass
Town Property
OS ZONING
GTE M/H Run Conduit
Fiber Optic Cables
in System.
NEW PASS DRAWBRIDGE
GTE Buried Cable.
R. PUMP.
MEXICO DRIVE
48"
GTE
GTE
GTE
ROPOSED FOR THIS INTERSECTION
COMMERCIAL PROPERTY
STATE D.O.T.
RECREATION AREA



4" PL
6" STL. CASING
MEXICO
2" PL
4" STL. CASING
4" PL
390.18'
8
CHART House Rest
30' ING./EGR. O.R. 1740/580
330.00'
4" PL
153.37'
Peoples Gas
30' N/G
4" PL
GAS ROAD (Private Road)
15' F.P.&L. ESM'T Per O.R. 566/222
F.P.&L. ESM'T Per O.R. 1727/929
8
"TRACT 2"
F.P.&L. Per O.R. 1101/512
10' F.P.&L. ESM'T Per O.R. 1727/929
Bulkhead Line
N 78° 18' 21" E
(N 80° E - DEED)

"Applicant is responsible for notifying owners of all existing aerial or buried utilities of proposed driveway and resolving any conflicts before construction begins."

DENSITY REPORTS ARE TO BE SUBMITTED PRIOR TO PLACEMENT OF PAVEMENT

In accordance with Florida Statute 335.16, Permittee shall be required to bear costs of future access modifications, traffic control devices or other improvements, when determined by the Florida Department of Transportation to be needed in conjunction with accepted engineering practices"

"PERMITTEE IS CAUTIONED THAT UTILITIES MAY BE LOCATED WITHIN THE CONSTRUCTION AREA."

ALL REQUIRED ROADWAY STRIPING PAVEMENT SYMBOLS AND RAISED PAVEMENT MARKERS TO BE THE RESPONSIBILITY OF PERMITTEE.

THE SARASOTA MAINTENANCE OFFICE SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF STARTING WORK.

CALL BEFORE YOU DIG!!!
U.N.C.L.E. 1-800-432-4770
CANDY 1-800-282-8881
AT&T 24 HOUR EMERGENCY
1-800-252-1133

Sod All Portions of Disturbed Right-Of-Way.

THE APPLICANT SHALL NOT, DURING AND AFTER COMPLETION OF PERMITTED CONSTRUCTION, INTRODUCE ANY FORM OR METHOD OF SITE DRAINAGE DISCHARGE INTO THE DRAINAGE FACILITIES ON THE DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY OR EASEMENT. ANY DISCHARGE SHALL BE IN VIOLATION OF THIS PERMIT.

"If construction, reconstruction, repair or maintenance activity necessitates the closing of one or more travel lanes of any road on the State Primary, County Road, or City Street system, for a period of time exceeding two hours, the party performing such work will be responsible to give notice to the appropriate local law enforcement agency which has jurisdiction where such road is located prior to commencing work on this project."

335.15 F.S. 91, 330.048 F.S. 91

ATTACHMENT TO PERMIT NO. R17-022-94 **DATE** 3-24-94

This permit is approved subject to the following conditions and stipulations and as shown on the attached sketch or plan sheet.

GENERAL

1. Construction is to be done at Permittee's expense.

2. If the construction, as approved by this permit, is not started within 90 days or is incomplete at the end of 360 calendar days from the approved date, this permit shall be null and void and all work not accepted by the Department will be removed from the Rights-of-Way at the permittee's expense.

3. The D.O.T. retains the right to make alteration to the attached sketch or character of work, as may be considered necessary or desirable, during the progress of the work for satisfactory completion of the proposed construction.

4. The D.O.T. retains the right to require removal of any part of construction not in compliance with these requirements. This shall be at the Permittee's expense.

DRAINAGE

1. The applicant assumes all responsibility, during and after completion of construction, for the quality of the water at all locations where it is being permitted to be introduced into the drainage facilities on the Department of Transportation right-of-way or easement. The Department retains the right to void this permit and require removal of all drainage connections if the quality of water is not maintained within limitations established by the Department of Pollution Control or other appropriate governmental agencies. If discharge of water by Permittee should at any time raise the level of pollutants in the Department's drainage facility to the point where the Department is in violation of a statute or regulation, Permittee will either:

   (a) Immediately cease such discharge.

   (b) Remove pollutants from the water before discharging into Department facilities.

   (c) Pay all costs which D.O.T. must incur in order to reduce pollution in the Department's facilities to acceptable levels.

2. Catch basins or inlets will be constructed in accordance with attached details or Department of Transportation Plan Index Sheet No._____. If detail is not shown they shall be constructed with an 8" bottom and 8" walls of reinforced concrete. Minimum grate size is 28" x 36" cast iron.

3. Pipe culverts shown on the permit must be new pipe and must meet F.D.O.T. specifications, type, size and length as described on the permit. Each joint or length of pipe shall be D.O.T. stamp or tag affixed verifying this approval. All concrete pipe joints other than O ring joints must be diapered. All culverts are to be inspected by the D.O.T. prior to the placement of fill. At some locations culverts may not be required. When this is the case, construct the driveway(s) in such a manner so that the natural flow of water through the swale paralleling the pavement is not being obstructed.

CONSTRUCTION

1. All construction is to be performed in accordance with the current F.D.O.T. standard Specifications for Road and Bridge Construction.

2. It shall be the responsibility of the permittee to notify all utility companies, which occupy the Department's Right-of-Way in the vicinity of this project, indicating the extent of improvements. All conflicting utilities must be adjusted prior to work commencing. If an adjustment is required, it will be at the expense of the permittee.

3. Median crossovers, left turn storage lanes, deceleration lanes, acceleration tapers, or pavement widening strips and transitions are made a part of this permit and are to be constructed in conjunction with the driveway connection.

SPECIFIC REQUIREMENTS ARE AS FOLLOWS:

4. Additional Widening for Travel Lanes
   Deceleration Lanes
   Turnout or Driveway Construction

   SUBGRADE Shall be stabilized to a depth of 12" below base and extending to the outside edge of shoulder (6" back of curb) to an LBR of 40.

   BASE Standard Index #514
   Optional Base Group 7
   Shoulder - Optional Base Group 16

   SURFACE Standard Index #513
   Match existing type and depth to 4" maximum 1-1/2" minimum.

   NOTE Some projects may require overlaying or other special treatment to be compatible with existing friction or surface courses to produce safe finished roadway striping for the public.

5. All pavement widening shall match the cross slope of the existing pavement or as otherwise indicated on approved plans.

6. Concrete curb, if required, shall be constructed in accordance with attached details or Department of Transportation Plan Index Sheet No. _____. Curb shall be constructed of Class I concrete with a 28-day minimum compressive strength of 2500 psi.

7. All shoulders within the project shall be constructed of a stabilized material the same width as the typical section of the roadway where the project is being constructed with a 3/4":1' slope toward the outside. All ditches are to be re-aligned in pavement widening areas to provide a maximum of 4:1 front slope and to match existing ditch grades with the full pavement widening areas. Front slopes within pavement transitions shall be constructed from a 6:1 slope at the beginning and end of widening to a 4:1 slope at full widening areas and match existing ditch grade.

8. The permittee shall be responsible for all fill material required for construction of all items made a part of this permit including that material required to construct the shoulder and front slope to the proper cross section. All unusable materials will be disposed of by the permittee.

9. All portions of the right-of-way disturbed during construction will be regraded, mulched, seeded, & fertilized or sodded in accordance with the most recent specifications of the F.D.O.T. and as directed by the Maintenance Engineer. Sodding may be required in specific areas. Area at culverts end are to be sodded and sod will be placed at the edge of all new pavement and disturbed areas adjacent to existing pavement.

10. All required roadway striping, pavement symbols and raised pavement markers are to be the responsibility of the permittee according to Standard Index. All pavement markings required by the permit will be installed by the Permittee.

11. Mailboxes shall be installed in accordance with Standard Index 532.

CONSTRUCTION/INSPECTION

1. The F.D.O.T. Maintenance Office must be notified 24 hours in advance of starting construction, excluding Fridays, weekends and holidays. Telephone (813) 359-5666.

2. It shall be the responsibility of the permittee to retain the services of an engineering firm or competent contractor personnel for the purpose of performing the necessary field lay-out work required to properly construct this project. This work shall be coordinated with the F.D.O.T. Maintenance Office and all alignment and grades are to be checked and approved by the F.D.O.T. Inspector before starting work.

3. Inspection of all phases of work covered under this permit will be a the discretion of the Department of Transportation's Engineer. Once construction has commenced, it will be required that the project progress as rapidly as possible. It shall be one continual operation until completed.

CONSTRUCTION/TESTING

It shall be the responsibility of the permittee to retain the services of an engineering laboratory for the purpose of certifying that the subgrade, base and surface are constructed in accordance with the Department's specifications. The subgrade, base and surface thickness must also be certified. Copies of the certification shall be furnished to the Department of Transportation upon completion of each phase and **prior** to construction of the surface course.

TRAFFIC CONTROL

1. "If construction, reconstruction, repair or maintenance activity necessitates the closing of one or more travel lanes of any road on the State Primary, County Road or City Street System, for a period of time exceeding two hours, the party performing such work will be required to notify the appropriate local law enforcement agency which has jurisdiction where such road is located prior to commencing work on the project." 335.15 F.S. 7/86. 336.07 F.S. 7/86.

2. Traffic Control - "All construction and/or maintenance on the Department's Right-of-Way shall conform to the Federal Manual on Uniform Traffic Control Devices (MUTCD), the Department's Roadway and Traffic Design Standards and the Standard Specifications for Road and Bridge Construction."

3. Traffic Control - At such time as the permitted roadway is put into service, all signs and pavement markings **must** be in place and be in conformance with the "Federal Manual on Uniform Traffic Control Devices."

4. If the permit involves traffic signals, Permittee is responsible for retaining the services of a consultant firm to prepare a traffic analysis and set of plans for modification or installation. Both traffic analysis and set of plans must be approved by the District Traffic Operations Office. All costs associated with modifying an existing signal or installing a new signal will be the responsibility of the Permittee.

NOTE: ANY DEVIATION FROM THESE REQUIREMENTS OR THE APPROVED PLANS MUST BE APPROVED BY THE DISTRICT MAINTENANCE ENGINEER.

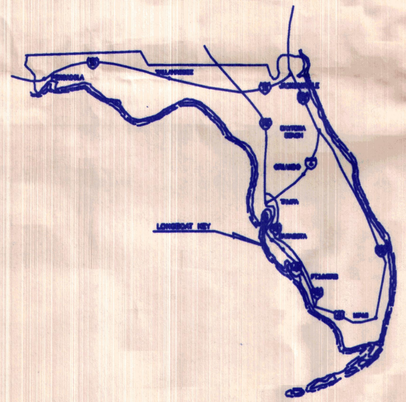
RECEIVED
APR 19 1996
PUBLIC WORKS DEPT.

QUICK POINT NATURE PRESERVE

AS BUILT DOCUMENTS (F.D.O.T. R.O.W.)

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

VICINITY MAP



SHEET INDEX

SHEET	SHEET TITLE
C-1	BOARDWALK AS BUILT PLAN
C-9/11	BOARDWALK AS BUILT DETAILS

LOCATION MAP

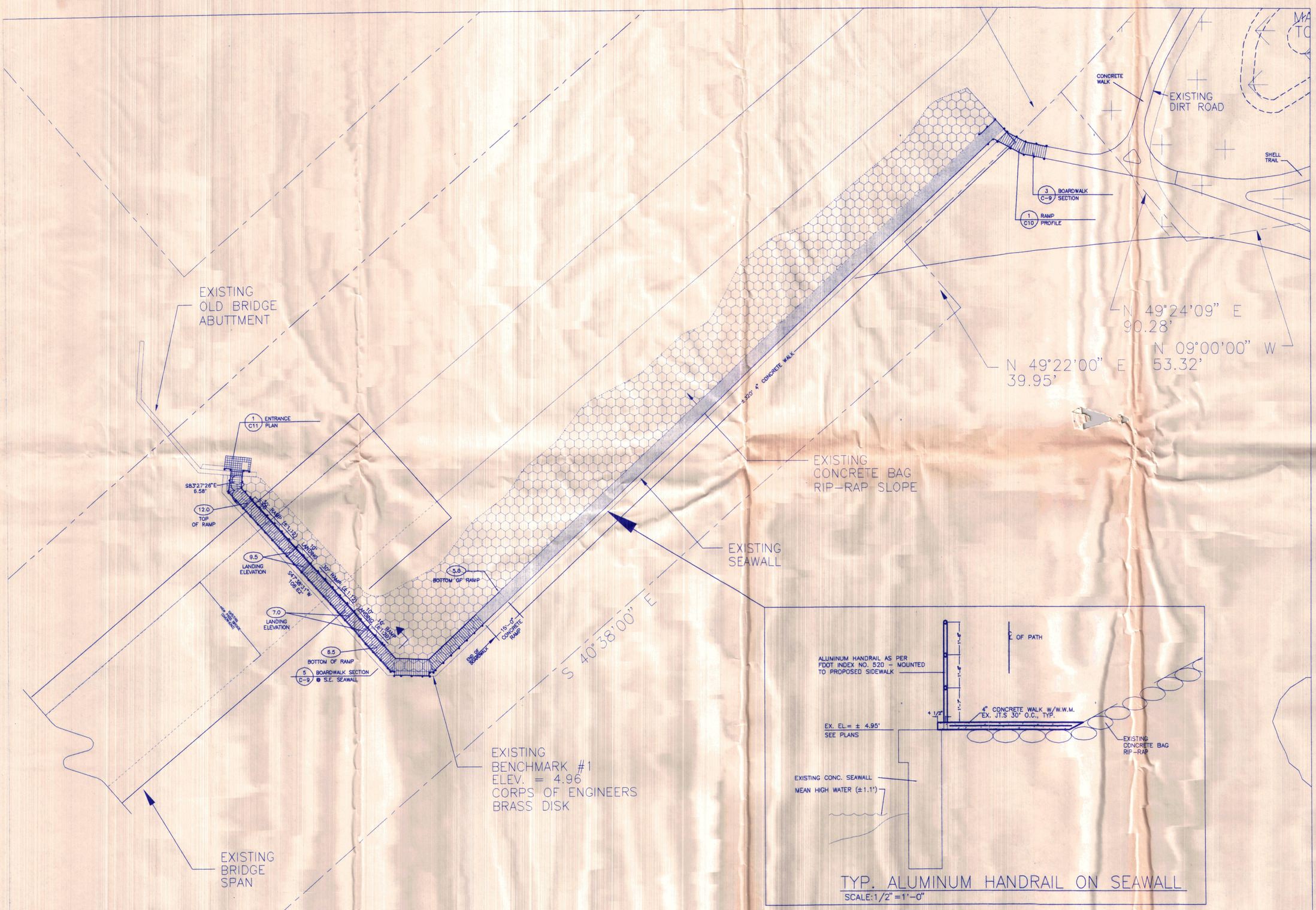
DSW
DESIGN STUDIOS WEST

PLANNING ENGINEERING LANDSCAPE ARCHITECTURE ARCHITECTURE
1527 SECOND STREET SARASOTA, FLORIDA 34236
(813) 954-1718 FAX (813) 366-7454
SARASOTA DENVER

LANDRY & ESBER
ENGINEERS + SURVEYORS
130 N. TAMIAMI TRAIL SUITE 301
SARASOTA, FLORIDA 34236
(813) 955-6004 FAX (813) 955-7501

COASTAL DUNES
1605 MAIN STREET, SUITE 800
SARASOTA, FLORIDA 34236
(813) 366-6538

PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS



TYP. ALUMINUM HANDRAIL ON SEAWALL

SCALE: 1/2" = 1'-0"

ACAD FILE NAME

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

AS BUILT PLAN

DSW
DESIGN STUDIOS WEST, INC.
PLANNING ENGINEERING
ARCHITECTURE LANDSCAPE ARCHITECTURE
1527 SECOND STREET SARASOTA, FLORIDA 34236
(813) 954-1718 FAX (813) 366-7454
SARASOTA DENVER

LANDRY & ESBER
ENGINEERS • SURVEYORS
130 N. TAMIAMI TRAIL, SUITE 301
SARASOTA, FLORIDA 34236
813-955-6004 FAX 813-955-7501

COASTAL DUNES
1605 MAIN STREET, SUITE 800
SARASOTA, FLORIDA 34236
813-366-6538 FAX 813-954-6036

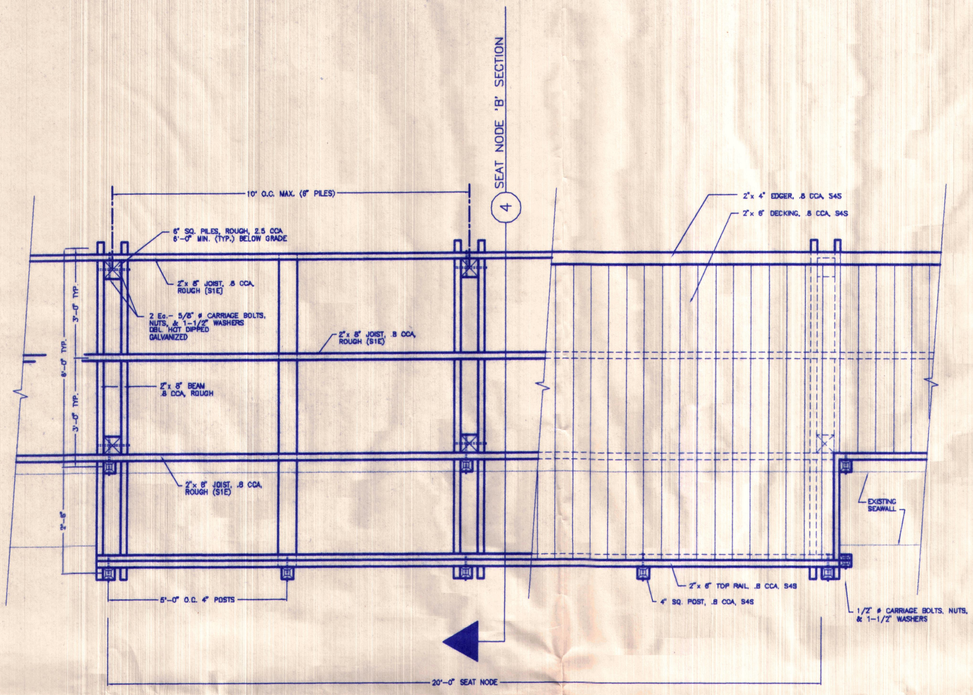
PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS
6619 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3084

Sheet #

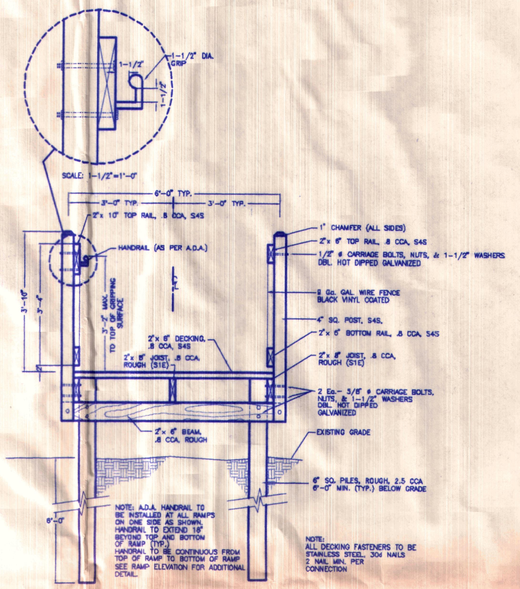
C-1

North

Date: 4-5-96	Scale: 1" = 20'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by:



1 SEAT NODE 'B' PLAN (TYP.)
SCALE:1/2"=1'-0"



2 BOARDWALK RAMP SECTION (TYP.)
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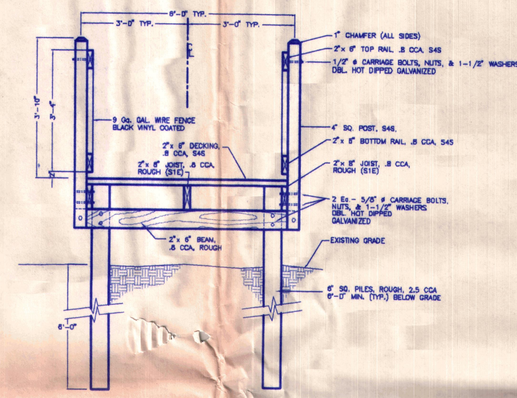
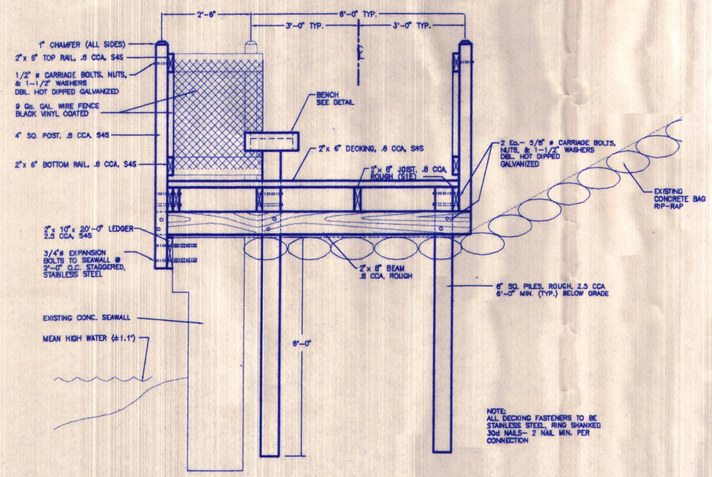


3 BOARDWALK SECTION (TYP.)
SCALE:1/2"=1'-0"



4 SEAT NODE "B" SECTION
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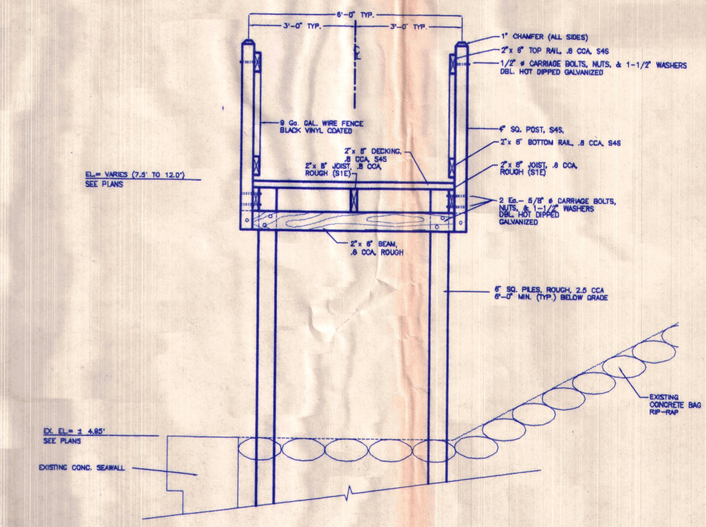


5 BOARDWALK SECTION @ S.E. SEAWALL
SCALE:1/2"=1'-0"

ACAD FILE NAME
DETAIL

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

BOARDWALK AS BUILT

DSW
DESIGN STUDIOS WEST, INC.
PLANNING ENGINEERING
ARCHITECTURE LANDSCAPE ARCHITECTURE
1527 SECOND STREET SARASOTA, FLORIDA 34236
(813) 954-1718 FAX (813) 366-7454
SARASOTA DENVER

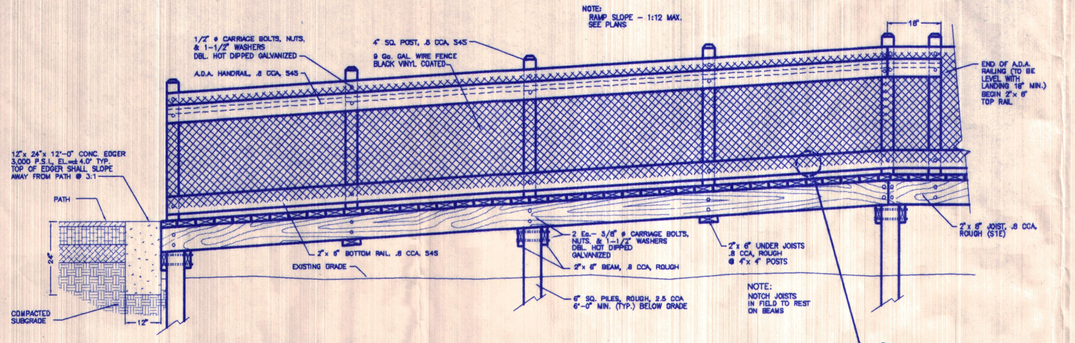
LANDRY & ESBER
ENGINEERS + SURVEYORS
130 N. TAMIAMI TRAIL, SUITE 301
SARASOTA, FLORIDA 34236
813-955-6004 FAX 813-955-7501

COASTAL DUNES
1605 MAIN STREET, SUITE 800
SARASOTA, FLORIDA 34236
813-366-6638 FAX 813-954-6036

PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS
6619 GEORGIA AVENUE + BRADENTON, FL 34207 + (813) 751-3094

Sheet # C-9

Date: 4/5/96	Scale: NOTED
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



1 RAMP PROFILE (TYP.)
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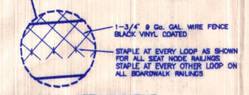

TYP. CHAIN LINK ATTACHMENT
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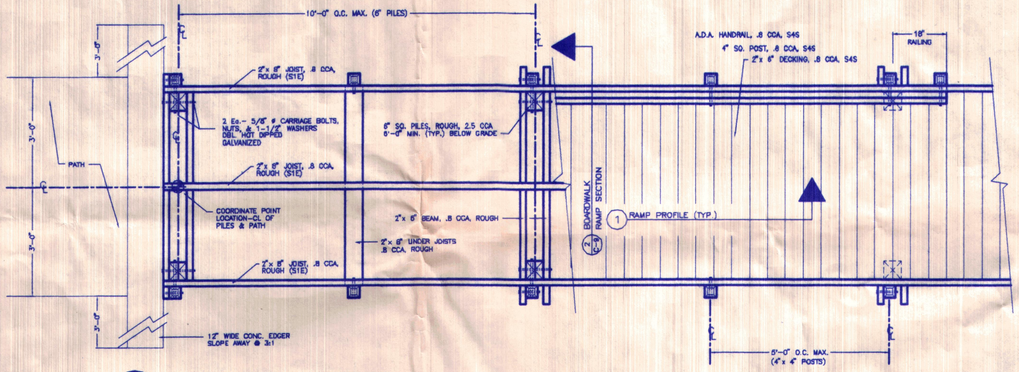

2 RAMP FRAMING PLAN (TYP.)
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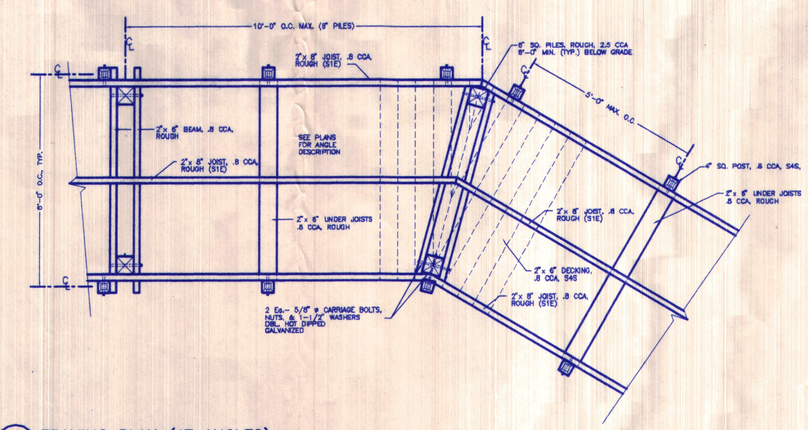

4 FRAMING PLAN (AT ANGLES)
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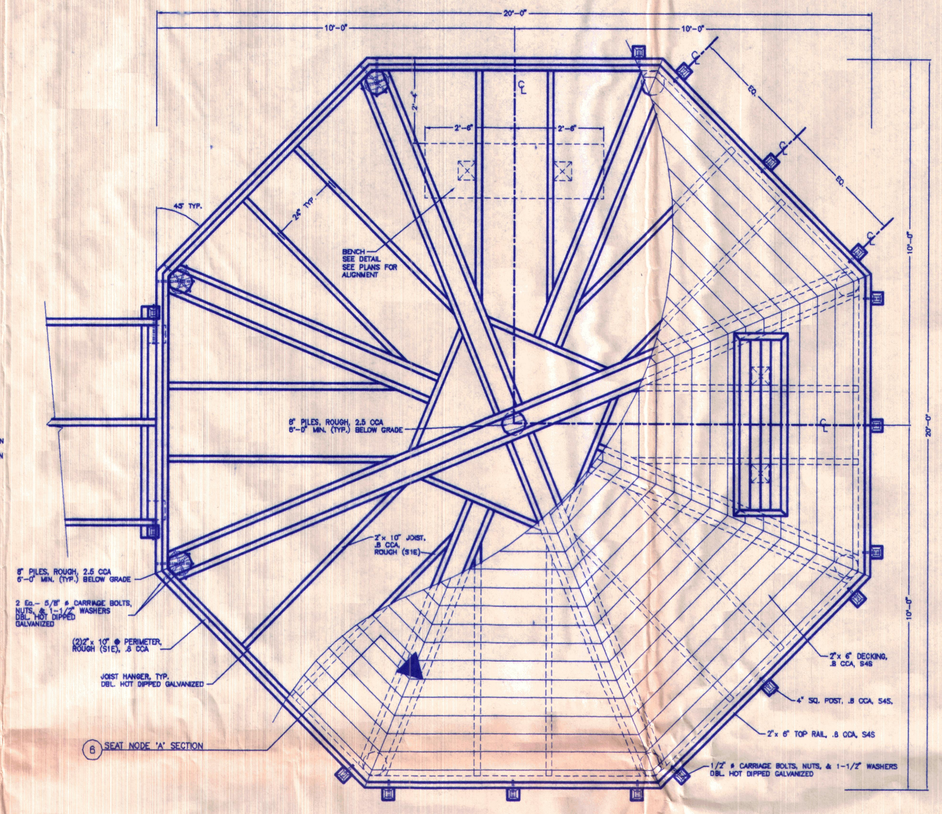
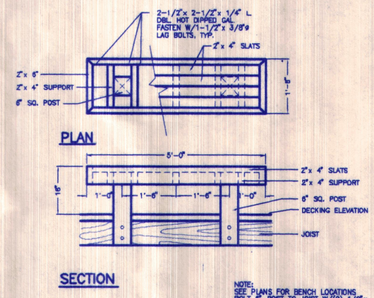


6 SEAT NODE 'A' SECTION

3 SEAT NODE 'A' PLAN
SCALE:1/2"=1'-0"



5 BENCH (TYP.)
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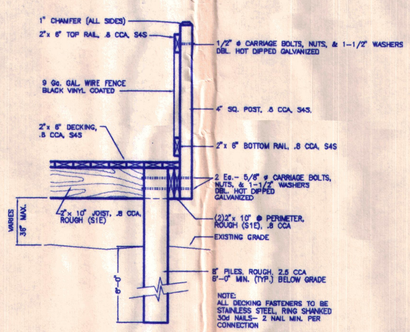

6 SEAT NODE 'A' SECTION
SCALE:1/2"=1'-0"

ACAD FILE NAME
DETAIL

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

BOARDWALK DETAILS

DSW
DESIGN STUDIOS WEST, INC.
PLANNING ENGINEERING
ARCHITECTURE LANDSCAPE ARCHITECTURE
1527 SECOND STREET SARASOTA, FLORIDA 34236
(813) 954-1718 FAX (813) 366-7454
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COASTAL DUNES
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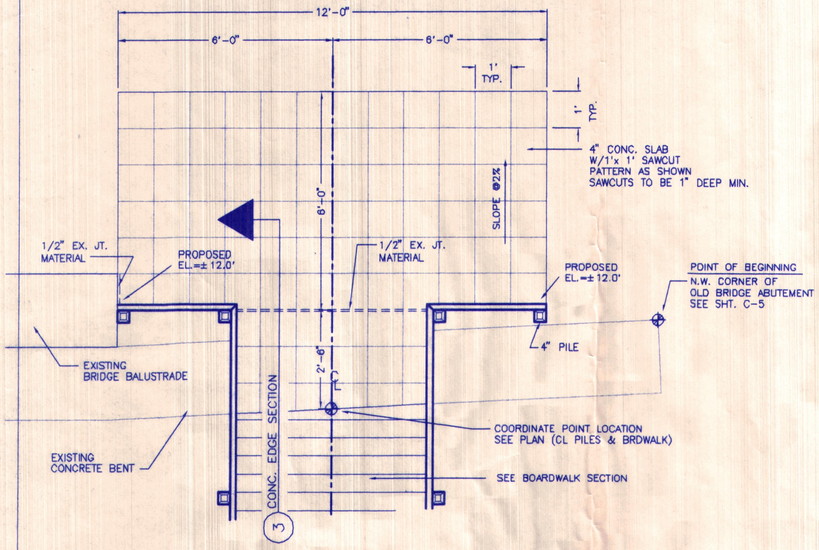
813-366-6538 FAX 813-954-6036

PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS
6619 GEORGIA AVENUE * BRADENTON, FL 34207 * (813) 751-3094

Sheet #

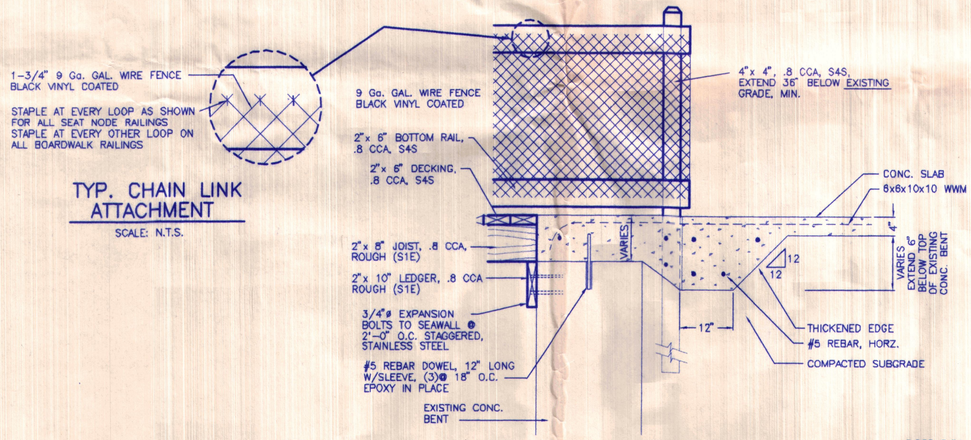
C-10

Date: 11/28/94	Scale: NOTED
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



1 ENTRANCE PLAN

SCALE: 1/2"=1'-0"

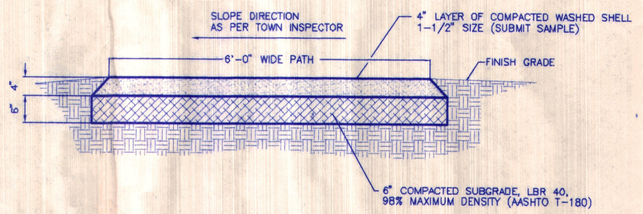


TYP. CHAIN LINK ATTACHMENT

SCALE: N.T.S.

3 CONCRETE EDGE SECTION

SCALE: 3/4"=1'-0"



5 SHELL PATH SECTION

SCALE: 3/4"=1'-0"

ACAD FILE NAME
DETAIL

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

BOARDWALK DETAILS

DSW
DESIGN STUDIOS WEST, INC.
PLANNING ENGINEERING
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1527 SECOND STREET SARASOTA, FLORIDA 34236
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PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS
8619 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3094

Sheet # C-11	
Date: 4/5/96	Scale: NOTED
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM

QUICK POINT
NATURE PRESERVE
CONSTRUCTION DOCUMENTS

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

VICINITY MAP

SHEET INDEX

SHEET	SHEET TITLE
S-1	SURVEY PLAN
S-2	SURVEY DETAILS & SECTIONS
C-1	OVERALL KEY PLAN
C-2	DEMOLITION & CLEARING PLAN
C-3/4	GRADING PLANS
C-5/6	BOARDWALK PLANS
C-7	EROSION CONTROL DETAILS
C-8	GRADING SECTIONS
C-9/11	BOARDWALK DETAILS
C-12	REVEGETATION PLAN

DSW
DESIGN STUDIOS WEST

PLANNING ENGINEERING LANDSCAPE ARCHITECTURE ARCHITECTURE
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SARASOTA DENVER

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(813) 366-6538

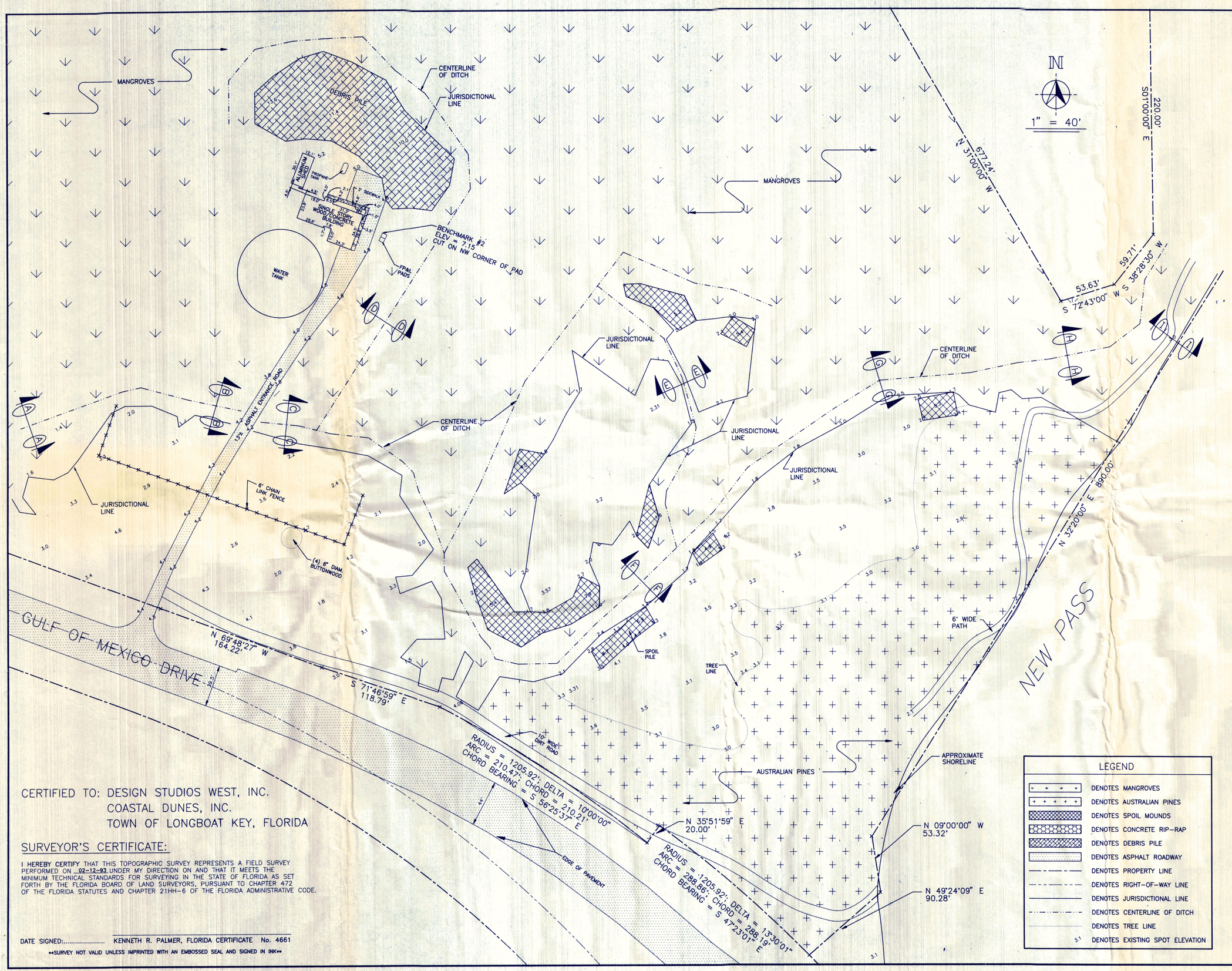
PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS
6618 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3094

LOCATION MAP

R-2/7/94

DATE: AUGUST 17, 1994
JOB NUMBER: 0441.00
SET #

LANDRY & ESBER
WM. MAUGHAN JR. PE
33150 9/13/94



CERTIFIED TO: DESIGN STUDIOS WEST, INC.
COASTAL DUNES, INC.
TOWN OF LONGBOAT KEY, FLORIDA

SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY REPRESENTS A FIELD SURVEY PERFORMED ON 02-12-93 UNDER MY DIRECTION ON AND THAT IT MEETS THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA AS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO CHAPTER 472 OF THE FLORIDA STATUTES AND CHAPTER 21HH-6 OF THE FLORIDA ADMINISTRATIVE CODE.

DATE SIGNED:..... KENNETH R. PALMER, FLORIDA CERTIFICATE No. 4661

SURVEY NOT VALID UNLESS IMPRINTED WITH AN EMBOSSED SEAL AND SIGNED IN INK

SURVEYOR'S NOTES:

1. SKETCH OF PROPERTY SHOWN IS TAKEN FROM BISHOP & ASSOCIATES DRAWING #219-081, DATED 5-21-82, FOR THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP OF STATE ROAD No. 789 PROJECT No. 17030-2506.
2. THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES AND UNDERGROUND FOUNDATIONS OR ANY OTHER PERTINENT ATTRIBUTES TO SUBJECT PROPERTY (IF ANY) NOT ABSTRACTED AS PART OF THIS SURVEY, EXCEPT AS SHOWN.
3. BEARINGS ARE BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY OF STATE ROAD No. 789
4. SUBJECT TO ALL RESTRICTIONS, RIGHTS OF WAY AND EASEMENTS OF RECORDS, IF ANY.
5. THIS DOCUMENT IS AN INSTRUMENT OF SERVICE IN RESPECT OF THE PROJECT TO WHICH IT APPLIES AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN CONSENT OF BISHOP & ASSOCIATES, P.A. ANY UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING WITHOUT THE WRITTEN AUTHORIZATION OF BISHOP & ASSOCIATES, P.A. WILL BE AT THE USERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO KR PALMER & ASSOCIATES, P.A.
6. PROPERTY IS LOCATED IN FLOOD ZONE "A13", PER FLOOD INSURANCE RATE MAP # 125126 0010 B , DATE 8-15-83 REFERENCE BENCH MARK # 12, SARASOTA COUNTY.
7. ELEVATIONS SHOWN, IF ANY, ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (1929).
8. LOCATION OF JURISDICTIONAL LINE WAS MARKED BY COASTAL DUNES INC., FEBRUARY 1993.

LEGEND

- DENOTES MANGROVES
- DENOTES AUSTRALIAN PINES
- DENOTES SPOIL MOUNDS
- DENOTES CONCRETE RIP-RAP
- DENOTES DEBRIS PILE
- DENOTES ASPHALT ROADWAY
- DENOTES PROPERTY LINE
- DENOTES RIGHT-OF-WAY LINE
- DENOTES JURISDICTIONAL LINE
- DENOTES CENTERLINE OF DITCH
- DENOTES TREE LINE
- 3.1 DENOTES EXISTING SPOT ELEVATION

LEGEND:

P.	PLAT	C.I.R.	CAPPED IRON ROD FOUND
D.	DEED	FND	IR / NP FND
M	MEASURED	●	NAIL & DISK FND
C	CALCULATED	■	CONCRETE MON. FND
IP	IRON PIPE	⊗	RESET #4661
IR	IRON ROD	○	CM SET #4661
CM	CONCRETE MONUMENT	□	
PRM	PERMANENT REFERENCE MONUMENT		
PCP	PERMANENT CONTROL POINT		
P.C.	POINT OF CURVE		
P.T.	POINT OF TANGENCY		

PALMER & ASSOCIATES, P.A.

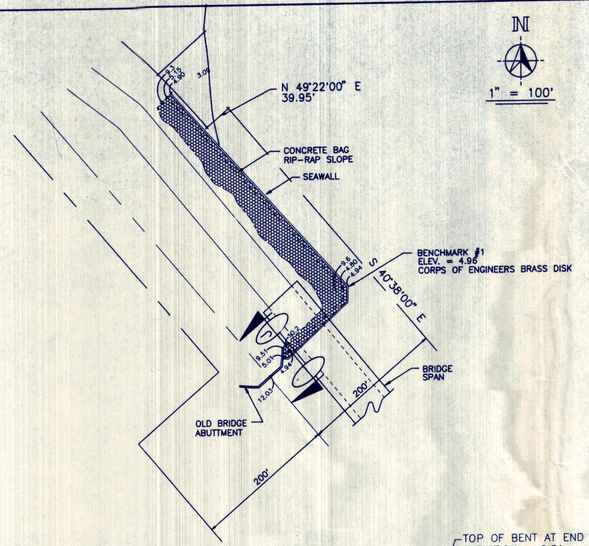
PROFESSIONAL LAND SURVEYORS

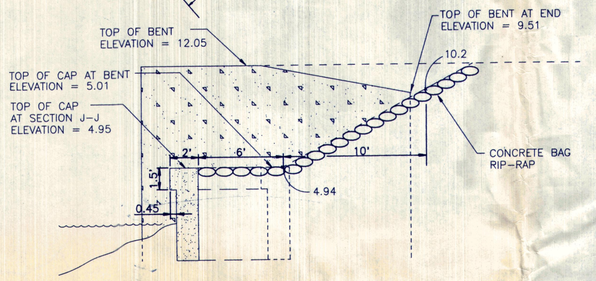
6619 GEORGIA AVENUE ▪ BRADENTON, FL 34207 ▪ (813) 751-3094

PROJECT NO. 93W-0194 FIELD BOOK #1
DRAWN BY J.M.P. PAGE No.
REVISIONS DATE BY

TOPOGRAPHIC SURVEY
QUICK POINT PRESERVE

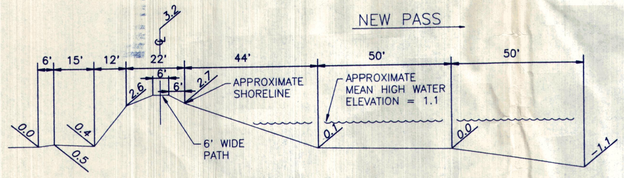
SHEET S-1





SECTION J J

SCALE: HORZ 1" = 20'
VERT 1" = 20'



SECTION I I

SCALE: HORZ 1" = 60'
VERT 1" = 0.25'

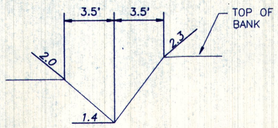
CERTIFIED TO: DESIGN STUDIOS WEST, INC.
COASTAL DUNES, INC.
TOWN OF LONGBOAT KEY, FLORIDA

SURVEYOR'S CERTIFICATE:

I **HEREBY CERTIFY** THAT THIS TOPOGRAPHIC SURVEY REPRESENTS A FIELD SURVEY PERFORMED ON **02-12-93** UNDER MY DIRECTION ON AND THAT IT MEETS THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA AS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO CHAPTER 472 OF THE FLORIDA STATUTES AND CHAPTER 21HH-6 OF THE FLORIDA ADMINISTRATIVE CODE.

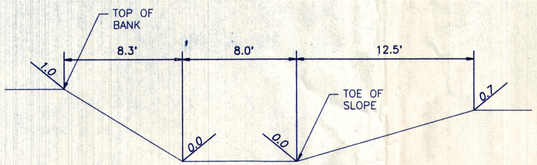
DATE SIGNED:..... KENNETH R. PALMER, FLORIDA CERTIFICATE No. 4661

SURVEY NOT VALID UNLESS IMPRINTED WITH AN EMBOSSED SEAL AND SIGNED IN INK



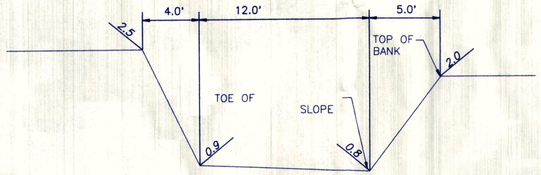
SECTION E E

SCALE: HORZ 1" = 5'
VERT 1" = 1'



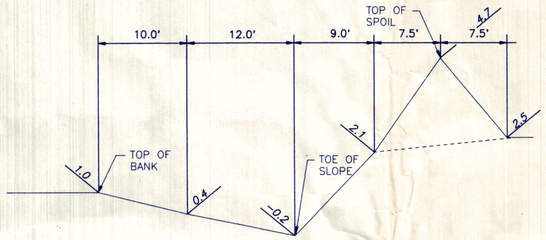
SECTION A A

SCALE: HORZ 1" = 5'
VERT 1" = 1'



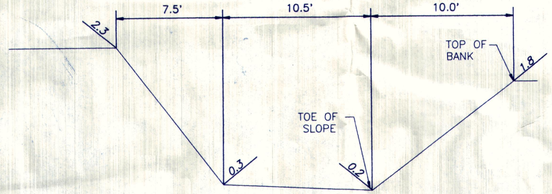
SECTION F F

SCALE: HORZ 1" = 5'
VERT 1" = 1'



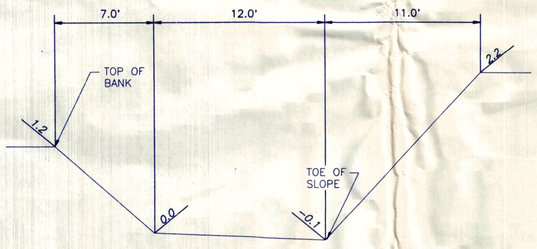
SECTION B B

SCALE: HORZ 1" = 8'
VERT 1" = 2'



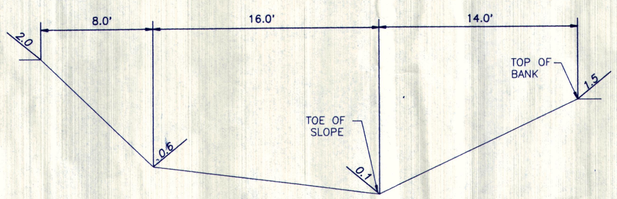
SECTION G G

SCALE: HORZ 1" = 5'
VERT 1" = 1'



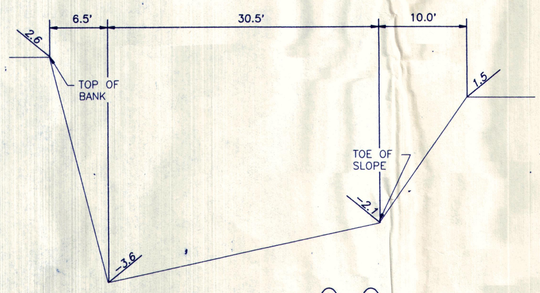
SECTION C C

SCALE: HORZ 1" = 5'
VERT 1" = 1'



SECTION H H

SCALE: HORZ 1" = 5'
VERT 1" = 1'



SECTION D D

SCALE: HORZ 1" = 8'
VERT 1" = 2'

SURVEYOR'S NOTES:

1. SKETCH OF PROPERTY SHOWN IS TAKEN FROM BISHOP & ASSOCIATES DRAWING #210-081, LAND SURVEY FOR: DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAPS OF STATE ROAD No. 789 PROJECT No. 17030-2506.
2. THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES AND UNDERGROUND FOUNDATIONS OR ANY OTHER PERTINENT ATTRIBUTES TO SUBJECT PROPERTY (IF ANY) NOT ABSTRACTED AS PART OF THIS SURVEY, EXCEPT AS SHOWN.
3. BEARINGS ARE BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY OF STATE ROAD No. 789
4. SUBJECT TO ALL RESTRICTIONS, RIGHTS OF WAY AND EASEMENTS OF RECORDS, IF ANY.
5. THIS DOCUMENT IS AN INSTRUMENT OF SERVICE IN RESPECT OF THE PROJECT TO WHICH IT APPLIES AND ANY REUSE, ADDITIONS OR DELETIONS WITHOUT WRITTEN CONSENT OR ADAPTATION BY KR-PALMER & ASSOCIATES, P.A. WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO KR PALMER & ASSOCIATES, P.A.
6. PROPERTY IS LOCATED IN FLOOD ZONE "A13", PER FLOOD INSURANCE RATE MAP # 125126 0010 B , DATE 8-15-83.
7. ELEVATIONS SHOWN, IF ANY, ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (1929). REFERENCE BENCH MARK # 12, SARASOTA COUNTY.
8. LOCATION OF JURISDICTIONAL LINE WAS MARKED BY COASTAL DUNES INC.; FEBRUARY 1993.

LEGEND:

P	PLAT	C.I.R.	CAPPED IRON ROD
D	DEED	FND	FOUND
M	MEASURED	IR / IP FND	
C	CALCULATED	CM FND	
A	ARC DISTANCE	NAIL & DISK FND	
IR	IRON ROD	RAILROAD SPIKE FND	
CM	CONCRETE MONUMENT	IR SET #4661	
PRM	PERMANENT REFERENCE MONUMENT	CM SET #4661	
PCP	PERMANENT CONTROL POINT		
P.C.	POINT OF CURVE		
P.T.	POINT OF TANGENCY		

PROJECT NO. 0294-0104 FIELD BOOK #1
DRAWN BY AMP PAGE No. 9-26

REVISIONS	DATE	BY

PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS
6619 GEORGIA AVENUE * BRADENTON, FL 34207 * (813) 751-3094

TOPOGRAPHIC SURVEY
QUICK POINT PRESERVE

SHEET
S-2

EXISTING CONDITIONS LEGEND

- EXISTING MANGROVES
- EXISTING AUSTRALIAN PINES
- EXISTING SPOIL MOUNDS
- EXISTING CONCRETE RIP-RAP
- EXISTING DEBRIS PILE
- EXISTING ASPHALT ROADWAY
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING JURISDICTIONAL LINE
- EXISTING CENTERLINE OF DITCH
- EXISTING TREE LINE
- 5.1 EXISTING SPOT ELEVATION

PROPOSED CONDITIONS LEGEND

- PROPOSED BOARDWALK
- PROPOSED SHELL PATH
- PROPOSED H'CAP ACCESSIBLE PATH
- 8 PROPOSED CONTOUR
- 9.2 PROPOSED SPOT ELEVATION
- CLEARING LIMIT LINE

C.I.R. CAPPED IRON ROD
FND FOUND
● IR / IP FND
■ CM FND
◉ NAIL & DISK FND
◉ RAILROAD SPIKE FND
○ IR SET #4661
□ CM SET #4661

LEGEND:
P PLAT
D DEED
M MEASURED
C CALCULATED
IP IRON PIPE
IR IRON ROD
CM CONCRETE MONUMENT
PRM PERMANENT REFERENCE MONUMENT
PCP PERMANENT CONTROL POINT
P.C. POINT OF CURVE
P.T. POINT OF TANGENCY

CURVE DATA:
RADIUS = 1205.92'
DELTA = 10°00'00"
ARC = 210.47'
CHORD = 210.21'
CHORD BEARING = S 56°25'37" E

CURVE DATA:
RADIUS = 1225.92'
DELTA = 13°30'01"
ARC = 288.86'
CHORD = 288.19'
CHORD BEARING = S 47°23'01" E

NOTE:
THE CONTRACTOR SHALL CLOSELY COORDINATE CONSTRUCTION AND REVEGETATION ACTIVITIES WITH THE TOWN AND THE D.E.P. TO MAKE FIELD ADJUSTMENTS WHICH BETTER PROTECT ESTABLISHED HABITATS OR ENHANCE THE ENVIROMENTAL RESTORATION EFFORT
THE CONTRACTOR SHALL CLEAN ALL MOSQUITO DITCHES OF EXISTING DIRT PLUGS (TYP.) WITHIN CLEARING LIMIT LINE
THE D.E.P. WILL DIRECTLY PARTICIPATE AND HELP COORDINATE ALL PROPOSED ACTIVITIES
ALL ELEVATIONS ARE BASED ON N.G.V.D.(1929)

EXISTING ENTRY SIGN TO REMAIN
GULF OF MEXICO DRIVE
EXISTING EDGE OF PAVEMENT
44'
EXISTING 6' CHAIN LINK FENCE
SEE GRADING PLAN SHEET C-3
EXISTING LAGOON
EXISTING MANGROVE
WATER TANK
BUILDING
SHED
EXISTING 13± ASPHALT ENTRANCE ROAD
CUT ON NW CORNER OF PAD ELEV. = 7.15 BENCHMARK #2
CENTERLINE OF EXISTING DITCH
FORMER DEBRIS PILE REMOVED BY OTHERS (N.I.C.)
EXISTING AUSTRALIAN PINE SPOIL AREA/NOT DITCHED
EXISTING 10' WIDE DIRT ROAD
EXISTING SPOIL PILE
N 35°51'59" E 20.00
EXISTING TREE LINE
EXISTING MANGROVES TO REMAIN
EXISTING MANGROVES TO REMAIN
SEE GRADING PLAN SHEET C-4
SEAGRASSES
N 50°30'00" W 340.00'
3 C10 SEAT NODE 'A' PLAN
EXISTING AUSTRALIAN PINES
Δ = 89°51'11" R = 41.00 T = 40.89 L = 64.30
Δ = 113°04'09" R = 143.00 T = 216.33 L = 282.20
Δ = 50°35'47" R = 73.00 T = 34.50 L = 64.46
Δ = 59°57'45" R = 87.00 T = 50.19 L = 91.05
Δ = 26°59'49" R = 84.13 T = 20.20 L = 39.64
Δ = 03°20'50" R = 87.00 T = 2.54 L = 5.08
4 C11 HANDICAP ACCESSIBLE PATH
1 C11 BICYCLE RACK PLAN
EXISTING OLD BRIDGE ABUTTMENT
N 49°24'09" E 90.28'
N 09°00'00" W 53.32'
N 49°22'00" E 39.95'
EXISTING CONCRETE BAG RIP-RAP SLOPE
APPROXIMATE EXISTING SANDY SHORELINE
EXISTING 6' WIDE PATH
5 C11 SHELL PATH SECTION
1 C-9 SEAT NODE 'B' PLAN
EXISTING SEAWALL
3 C-9 BOARDWALK SECTION
S 40°38'00" E
BOARDWALK AREA "A"
EXISTING BENCHMARK #1 ELEV. = 4.96 CORPS OF ENGINEERS BRASS DISK
EXISTING BRIDGE SPAN
1 C-9 SEAT NODE 'B' PLAN
SEE BOARDWALK PLAN SHEET C-5
EXISTING SEAGRASSES
N 37°20'00" E
EXISTING LAGOON
EXISTING MANGROVES
59.71' S 38°28'30" W
3 C10 SEAT NODE 'A' PLAN
220.00' S01°00'00" E
690.00'
EXISTING AUSTRALIAN PINE SPOIL AREA/NOT DITCHED
S 60°00'00" E 360.00'
N 31°00'00" W 677.24'
180.00' S 60°00'00" E
BOARDWALK AREA "B"
3 C-9 BOARDWALK SECTION
4 C11 HANDICAP ACCESSIBLE PATH
SEE BOARDWALK PLAN SHEET C-6
APPROXIMATE EXISTING SANDY SHORELINE
EXISTING MANGROVES
3 C-9 BOARDWALK SECTION
CENTERLINE OF EXISTING DITCH
BOARDWALK AREA "C"
180.00' N 60°00'00" W
320.00' N 09°00'00" W
NEW PASS

ACAD FILE NAME
DECKPLAN

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:
OVERALL KEY PLAN

DSW
DESIGN STUDIOS WEST, INC.
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PALMER & ASSOCIATES, P.A.
PROFESSIONAL LAND SURVEYORS
6619 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3094

Sheet # C-1
North

Date: 9/7/94	Scale: 1"=60'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM

EXISTING CONDITIONS LEGEND

- EXISTING MANGROVES
- EXISTING AUSTRALIAN PINES
- EXISTING SPOIL MOUNDS
- EXISTING CONCRETE RIP-RAP
- EXISTING DEBRIS PILE
- EXISTING ASPHALT ROADWAY
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING JURISDICTIONAL LINE
- EXISTING CENTERLINE OF DITCH
- EXISTING TREE LINE
- EXISTING SPOT ELEVATION

PROPOSED CONDITIONS LEGEND

- PROPOSED BOARDWALK
- PROPOSED SHELL PATH
- PROPOSED H'CAP ACCESSIBLE PATH
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- CLEARING LIMIT LINE

C.I.R. CAPPED IRON ROD
FND FOUND
● IR / IP FND
■ CM FND
◆ NAIL & DISK FND
● RAILROAD SPIKE FND
○ IR SET #4661
□ CM SET #4661

LEGEND:
P PLAT
D DEED
M MEASURED
C CALCULATED
IP IRON PIPE
IR IRON ROD
CM CONCRETE MONUMENT
PRM PERMANENT REFERENCE MONUMENT
PCP PERMANENT CONTROL POINT
P.C. POINT OF CURVE
P.T. POINT OF TANGENCY

CURVE DATA:
RADIUS = 1205.92'
DELTA = 10°00'00"
ARC = 210.47'
CHORD = 210.21'
CHORD BEARING = S 56°25'37" E

CURVE DATA:
RADIUS = 1225.92'
DELTA = 13°30'01"
ARC = 288.86'
CHORD = 288.19'
CHORD BEARING = S 47°23'01" E

DEMOLITION NOTES

1) SEE SHEET C-7 FOR EROSION CONTROL DETAILS
2) CLEARING LIMIT LINE TO BE DEMARCATED WITH SILT FENCE
3) CLEARING LIMITS SHALL BE 3' UPLAND OF THE PROPOSED TOP OF BANK
4) LIMITS SHALL BE REVIEWED BY OWNER'S REPRESENTATIVES PRIOR TO COMMENCEMENT OF CLEARING ACTIVITIES
5) THE OWNER SHALL HAVE THE RIGHT TO MAKE MINOR FIELD ADJUSTMENTS TO THE CLEARING LIMITS TO PROTECT EXISTING VEGETATION
6) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AS FEW MANGROVES AS POSSIBLE
7) PROPOSED GRADING SHOWN IS SCHEMATIC ONLY
8) ALL EXISTING VEGETATION IN EXCESS OF 3" CAL. WITHIN THE CLEARING LIMITS SHALL BE PROTECTED WITH TREE BARRIERS
9) REMOVE ALL CLEARED DEBRIS FROM SITE
10) ALL EXISTING SPOIL MOUNDS TO BE REMOVED
11) ALL EXCAVATION SHALL BE PERFORMED USING LAND BASED EQUIPMENT, CHAIN SAWS AND OTHER HAND OPERATED EQUIPMENT MAYBE REQUIRED TO CAREFULLY SEPARATE EXOTIC VEGETATION FROM NATIVE VEGETATION TO REMAIN

GULF OF MEXICO DRIVE
EXISTING EDGE OF PAVEMENT
44'
EXISTING ENTRY SIGN TO REMAIN
EXISTING 6' CHAIN LINK FENCE
INSTALL TREE BARRIER
REMOVE EXISTING CHAIN LINK FENCE WITHIN AREAS TO BE GRADED. GATE & 10' OF FENCE ON EACH SIDE OF ROAD TO REMAIN
EXISTING 13'± ASPHALT ENTRANCE ROAD
WATER TANK
BUILDING
SHED
CUT ON NW CORNER OF PAD
EXIST. ELEV. 7.75 BENCHMARK #2
EXISTING LAGOON
EXISTING MANGROVE
CENTERLINE OF EXISTING DITCH
FORMER DEBRIS PILE REMOVED BY OTHERS (N.I.C.)
REMOVE DIRT PLUGS ONLY FROM THIS DITCH
CLEARING LIMIT LINE
EXISTING AUSTRALIAN PINE SPOIL AREA/NOT DITCHED
CLEARING LIMIT LINE
EXISTING 10' WIDE DIRT ROAD
EXISTING SPOIL PILE
EXISTING MANGROVES TO REMAIN
EXISTING TREE LINE
CLEARING LIMIT LINE
REMOVE ONLY EXOTIC VEGETATION FROM CREATED "UPLAND" AREAS
CLEARING LIMIT LINE
EXISTING AUSTRALIAN PINES
EXISTING OLD BRIDGE ABUTTMENT
EXISTING CONCRETE BAG RIP-RAP SLOPE
EXISTING SEAWALL
EXISTING CONC. RIP-RAP BAGS WILL HAVE TO BE REMOVED AS NECESSARY FOR PILE PLACEMENT
EXISTING BENCHMARK #1 ELEV. = 4.96 CORPS OF ENGINEERS BRASS DISK
EXISTING BRIDGE SPAN
APPROXIMATE EXISTING SANDY SHORELINE
EXISTING 6' WIDE PATH
EXISTING SEAGRASSES
EXISTING MANGROVES TO BE PRUNED FOR DECK LOCATION AS PER OWNER'S REPRESENTATIVE
EXISTING LAGOON
EXISTING MANGROVES
EXISTING AUSTRALIAN PINE SPOIL AREA/NOT DITCHED
SEAGRASSES
CENTERLINE OF EXISTING DITCH
APPROXIMATE EXISTING SANDY SHORELINE
EXISTING MANGROVES
NEW PASS

N 35°51'59" E 20.00'
N 49°24'09" E 90.28'
N 09°00'00" W 53.32'
N 49°22'00" E 39.95'
S 40°38'00" E
N 32°20'00" E
N 31°00'00" W 677.24'
S 60°00'00" E 360.00'
N 30°30'00" W 340.00'
N 60°00'00" W 180.00'
N 30°00'00" W 320.00'
59.71' S 38°28'30" W
220.00' S01°00'00" E
890.00'

ACAD FILE NAME
DECKPLAN

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:
CLEARING & DEMO. PLAN

DSW
DESIGN STUDIOS WEST, INC.
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Sheet # C-2

North

Date: 9/7/94	Scale: 1"=60'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM

COORDINATE POINTS		
PT #	NORTHING	EASTING
29	1132.953	2744.044
30	1154.326	2710.232
31	1147.930	2866.722
32	1167.410	2875.541
33	1221.760	2873.782
34	1223.935	2838.928
35	1223.158	2827.139
36	1204.272	2781.818
37	1164.493	2761.262
38	1137.904	2736.829
39	1104.942	2749.672
40	1097.134	2777.962
41	1083.192	2790.263
42	1079.888	2818.674
43	1106.421	2831.469
44	1118.532	2702.919
45	1162.835	2730.799
46	1190.789	2737.327
47	1256.343	2717.945
48	1275.489	2701.748
49	1301.165	2661.865
50	1308.229	2642.720
51	1326.442	2581.797
52	1322.656	2511.906
53	1315.733	2479.410
54	1338.896	2430.802
55	1365.006	2436.613

COORDINATE POINTS		
PT #	NORTHING	EASTING
94	1125.114	2424.983
95	1125.351	2463.033
96	1160.340	2454.396
97	1180.447	2423.868
98	1151.306	2359.484
99	1172.038	2360.777
100	1262.695	2438.848
101	1265.346	2450.049
102	1234.582	2507.243
103	1218.548	2538.350
104	1185.584	2558.754
105	1152.055	2556.027
106	1134.798	2581.686
107	1121.936	2629.454
108	1116.955	2658.222
109	1194.155	2666.140
110	1225.562	2660.010
111	1236.169	2602.042
112	1255.023	2574.398
113	1200.213	2603.799
114	1187.502	2633.141

EXISTING ENTRY SIGN TO REMAIN

EXISTING 6' CHAIN LINK FENCE
SEE NOTE, SHT. C-2

GULF OF MEXICO DRIVE

N 69°48'27" W 1644.22'

S 71°46'59" E 1820.18'

44'

SECTION A-A'

(4) 6" DIAM. BUTTONWOOD TO REMAIN

(2) 24"x38" E.R.C.P., 36 L.F. EACH
RESTORE DISTURBED ASPHALT & BASE.
COMPACT BASE & SUB-BASE

TIE GRADE INTO EXISTING MOSQUITO DITCH, TYP.

INV. EL. -2

-3.0'

-2.5'

TOWN OF LONGBOAT KEY TO CLEAR FILL PLUGS IN THIS DITCH

EXISTING LAGOON

ENSURE CIRCULATION OF TIDAL WATERS

FORMER DEBRIS PILE LOCATION, EXISTING GRADES ARE ±4.0'-5.0'

WATER TANK

SHED

BUILDING

DEBRIS PILE

EXISTING 13'± ASPHALT ENTRANCE ROAD

CUT ON NW CORNER OF PAD
ELEV. = 7.15
BENCHMARK #2

CENTERLINE OF EXISTING DITCH

FORMER DEBRIS PILE REMOVED BY OTHERS (N.I.C.)

CLEAN FILL PLUGS FROM MOSQUITO DITCH

CENTERLINE OF EXISTING DITCH

EXISTING MANGROVES TO REMAIN

MATCHLINE SEE SHEET C-4

ACAD FILE NAME
DECKPLAN

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

GRADING PLAN

DSW
DESIGN STUDIOS WEST, INC.
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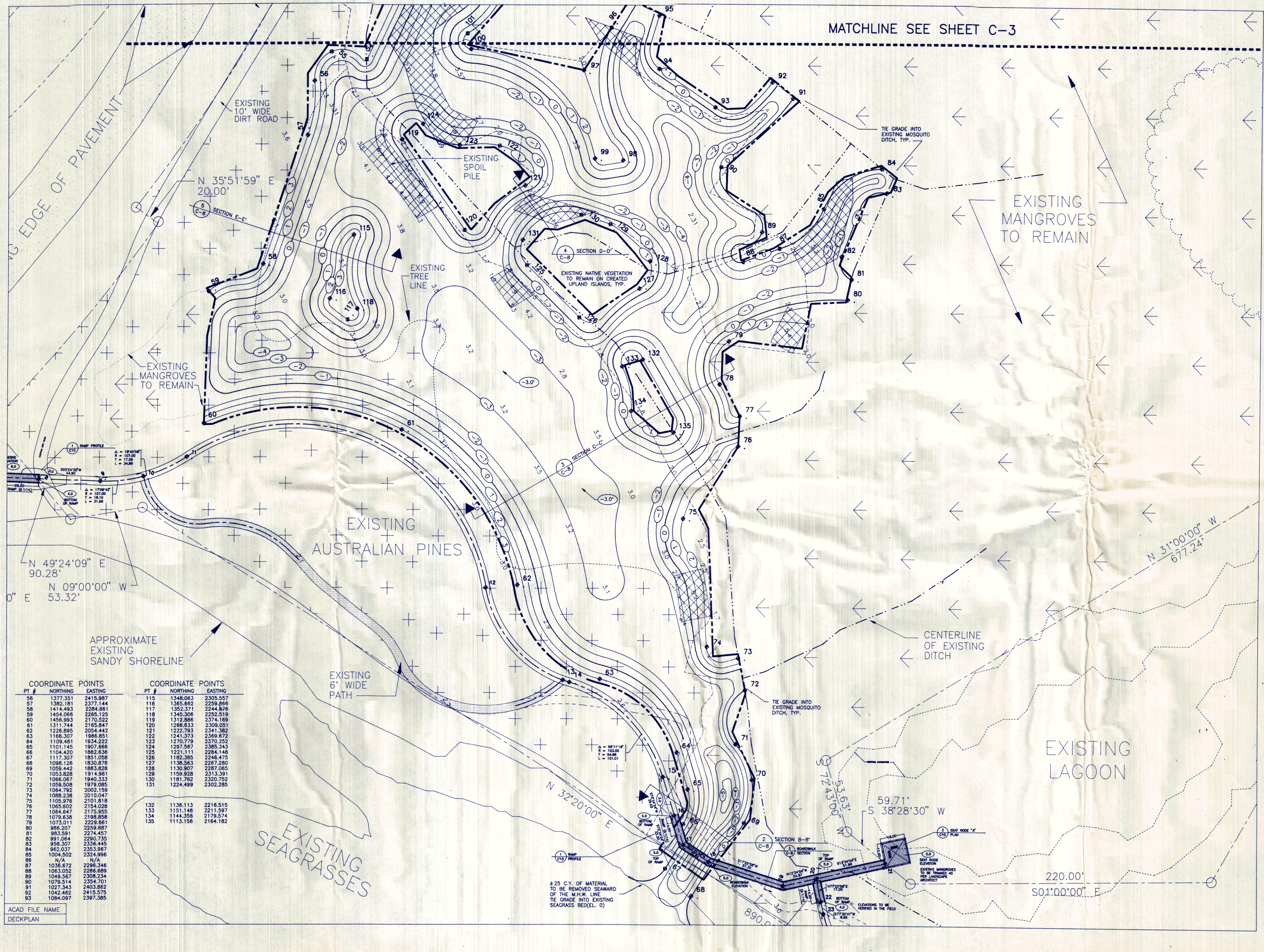
6619 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3094

Sheet # C-3

North

Date: 9/7/94	Scale: 1"=30'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



COORDINATE POINTS

PT #	NORTHING	EASTING
56	1377.351	2415.987
57	1382.181	2377.144
58	1414.493	2284.661
59	1454.066	2265.125
60	1456.993	2170.522
61	1311.744	2165.847
62	1226.895	2054.442
63	1166.307	1986.851
64	1109.481	1934.222
65	1101.145	1907.666
66	1104.420	1882.636
67	1117.307	1851.058
68	1098.126	1830.878
69	1059.442	1883.828
70	1053.828	1914.961
71	1066.067	1940.333
72	1059.508	1979.085
73	1064.792	2002.159
74	1088.238	2010.047
75	1105.976	2101.818
76	1065.602	2154.028
77	1064.647	2175.955
78	1079.638	2198.858
79	1073.011	2229.661
80	986.207	2259.687
81	983.591	2274.457
82	991.064	2290.735
83	958.307	2336.445
84	962.037	2353.967
85	1004.502	2324.996
86	N/A	N/A
87	1036.672	2296.346
88	1063.052	2286.689
89	1049.567	2308.234
90	1079.514	2354.701
91	1027.343	2403.862
92	1042.462	2415.575
93	1084.097	2397.385

COORDINATE POINTS

PT #	NORTHING	EASTING
115	1348.063	2305.557
116	1365.662	2259.866
117	1352.371	2244.676
118	1345.306	2252.519
119	1312.886	2374.169
120	1266.633	2309.051
121	1222.793	2341.382
122	1241.373	2369.672
123	1270.779	2370.252
124	1297.567	2385.343
125	1221.111	2284.148
126	1182.385	2246.475
127	1138.563	2267.280
128	1130.907	2287.065
129	1159.928	2313.391
130	1181.762	2320.752
131	1224.499	2302.285
132	1136.113	2216.515
133	1151.146	2211.597
134	1144.356	2179.574
135	1113.156	2164.182

ACAD FILE NAME
DECKPLAN

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

GRADING PLAN

DSW
DESIGN STUDIOS WEST, INC.
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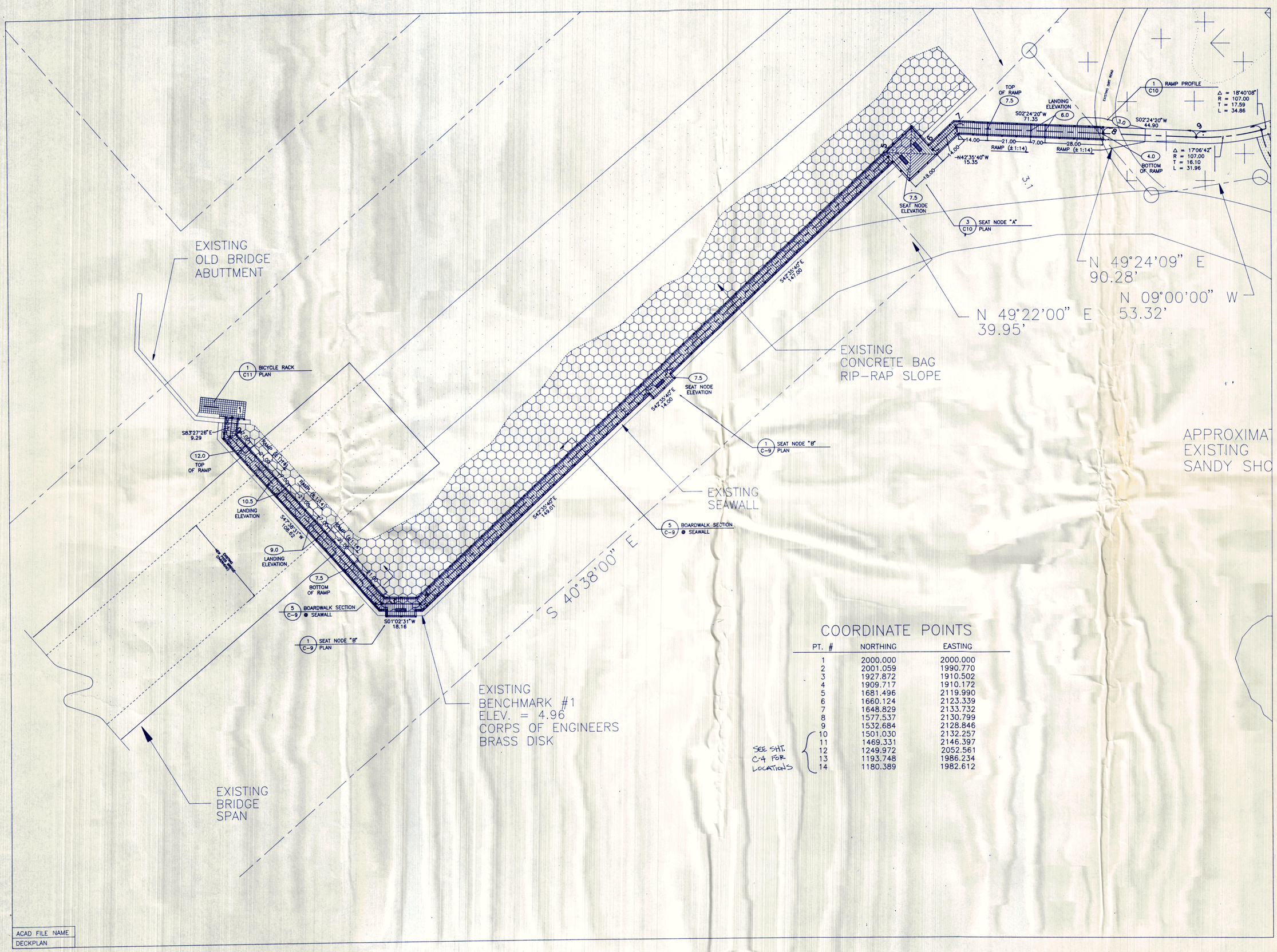
Sheet #

C-4

North

Date: 9/7/94	Scale: 1"=30'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



COORDINATE POINTS

PT. #	NORTHING	EASTING
1	2000.000	2000.000
2	2001.059	1990.770
3	1927.872	1910.502
4	1909.717	1910.172
5	1681.496	2119.990
6	1660.124	2123.339
7	1648.829	2133.732
8	1577.537	2130.799
9	1532.684	2128.846
10	1501.030	2132.257
11	1469.331	2146.397
12	1249.972	2052.561
13	1193.748	1986.234
14	1180.389	1982.612

SEE SHT. C-4 FOR LOCATIONS

ACAD FILE NAME
DECKPLAN

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

BOARDWALK PLAN

DSW
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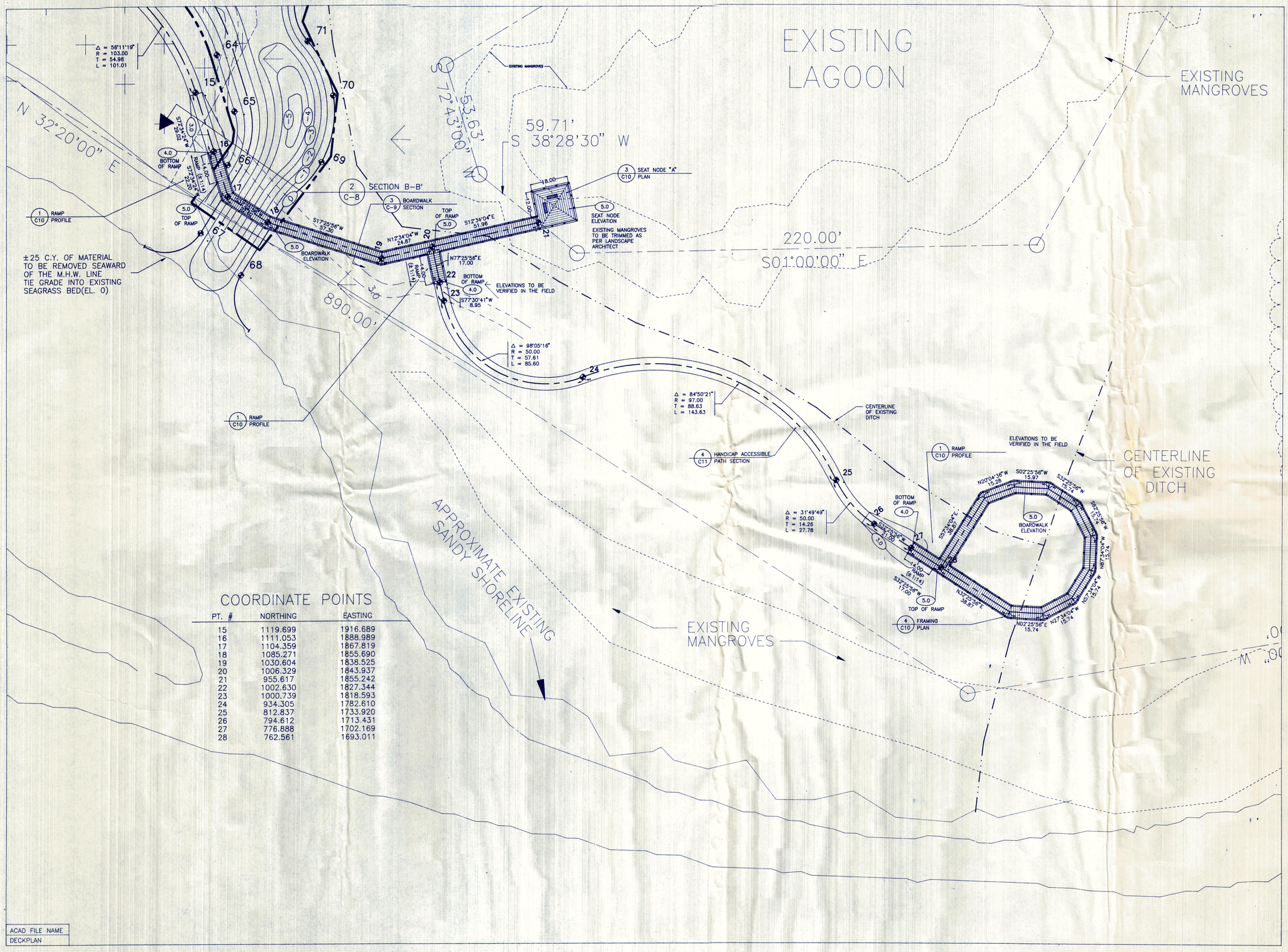
Sheet # C-5

North

Date: 8/17/94	Scale: 1" =20'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



COORDINATE POINTS

PT. #	NORTHING	EASTING
15	1119.699	1916.689
16	1111.053	1888.989
17	1104.359	1867.819
18	1085.271	1855.690
19	1030.604	1838.525
20	1006.329	1843.937
21	955.617	1855.242
22	1002.630	1827.344
23	1000.739	1818.593
24	934.305	1782.610
25	812.837	1733.920
26	794.612	1713.431
27	776.888	1702.169
28	762.561	1693.011

ACAD FILE NAME
DECKPLAN

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:
BOARDWALK PLAN

DSW
DESIGN STUDIOS WEST, INC.
PLANNING ENGINEERING
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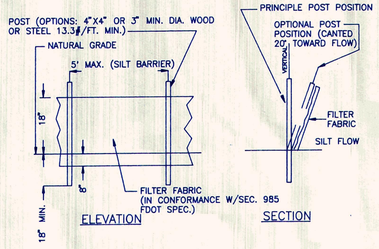
6619 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3094

Sheet # C-6

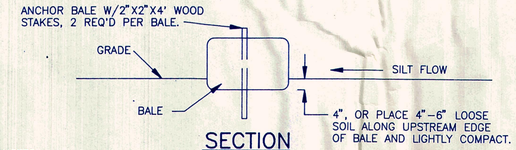
North

Date: 9/7/94	Scale: 1"=20'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



1 STAKED SILT FENCE

N.T.S.

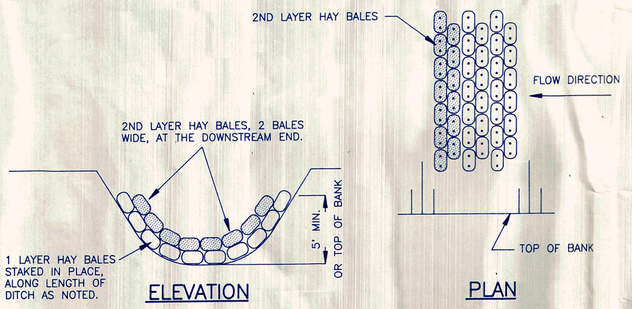


NOTES:

1. EROSION AND SEDIMENT CONTROL APPLICATIONS MUST BE MAINTAINED FOR ENTIRE DURATION OF PROJECT OR UNTIL VEGETATION IS ESTABLISHED AS DIRECTED BY ENGINEER.
2. DURING CONSTRUCTION ALL MEASURES FOR EROSION AND SEDIMENT CONTROL WILL BE TAKEN, INCLUDING BUT NOT LIMITED TO, USE OF TURBIDITY SCREENS. MULCHING, HAY BALES, AND VEGETATION PLACEMENT AT THE EARLIEST POSSIBLE TIME AFTER EXCAVATION/GRADING. ALL SILTATION/EROSION CONTROL MEASURES WILL BE TAKEN WHICH MEET THE STATE OF FLORIDA D.O.T. INDEX NO. 102 & 103.
3. EROSION AND SEDIMENT CONTROL MEASURES FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING (NOT SHOWN), FENCE OR STAKED TYPES OR ANY COMBINATIONS OF TYPES THAT WILL SUIT SITE CONDITIONS AND MEET EROSION & SEDIMENT CONTROL AND WATER QUALITY REQUIREMENTS INCORPORATED IN VARIOUS ENVIRONMENTAL PERMITS FOR THIS JOB. MEASURES SPECIFICALLY SHOWN ARE TO BE CONSIDERED AS A MINIMUM. ADDITIONAL CONTROL MEASURES WILL BE AT THE CONTRACTORS OPTION, AT NO ADDITIONAL COST TO THE OWNER.
4. EROSION & SEDIMENT CONTROL MEASURES SHALL BE PLACED TO CONTAIN ALL POINTS OF DISCHARGE TO SURFACE WATERS INCLUDING CURB INLETS, DITCH BOTTOM INLETS, DITCHES, AND DOWNSTREAM PORTIONS OF STREAMS AND TIDAL WATERS ADJACENT TO CONSTRUCTION.
5. DURING CONSTRUCTION, THE CONTRACTOR SHALL COLLECT AND ANALYZE TURBIDITY SAMPLES ON A DAILY BASIS WHEN THEIR IS A DISCHARGE OF TURBID WATERS, WHICH COULD REASONABLY BE EXPECTED TO CAUSE A WATER QUALITY VIOLATION. SAMPLES SHALL BE TAKEN WITHIN THE CENTER OF ANY DISCHARGE PLUME AT A POINT WITHIN 50 FT. WATERWARD OF CONSTRUCTION ACTIVITY. WEEKLY WATER QUALITY/CONSTRUCTION UPDATE REPORTS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE.
6. THE FOLLOWING MEASURES SHALL BE TAKEN IMMEDIATELY BY THE CONTRACTOR IF TURBIDITY EXCEEDS 29 NTU'S (NEPHLOMETRIC TURBIDITY UNITS) MORE THAN 50 FT. WATERWARD OF THE CONSTRUCTION AREA WITHIN THE OPEN WATERS OF NEW PASS OR SARASOTA BAY (EXCLUDING MOSQUITO DITCHES).
   A) CEASE ALL WORK CONTRIBUTING TO THE WATER QUALITY DEGRADATION AND TAKE APPROPRIATE CORRECTIVE ACTION
   B) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH DEP AND UPGRADE CONSTRUCTION PRACTICES, AS REQUIRED, TO PREVENT DEGRADATION OF ADJACENT WATERS AND HABITATS.

2 TYPICAL BALE PLACEMENT

N.T.S.



NOTE: IF SILT COLLECTION BY THE BALES CAUSES A SIGNIFICANT AMOUNT OF STANDING WATER UPSTREAM, SUCH THAT CONSTRUCTION ACTIVITIES ARE IMPAIRED, OR SUCH THAT STREAM FLOW BY–PASSES THE BARRIER SURFACE, THE ENTIRE BARRIER WILL BE REMOVED AND RE–CONSTRUCTED WITH NEW BALES, AS REQ'D FOR THE DURATION OF THE PROJECT.

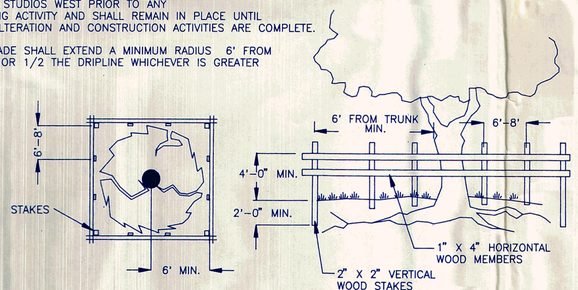
3 HAY BALE SILT BARRIER

N.T.S.

DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE TOWN.

ALL BARRIERS SHALL BE INSPECTED, AND APPROVED BY DESIGN STUDIOS WEST PRIOR TO ANY CLEARING ACTIVITY AND SHALL REMAIN IN PLACE UNTIL LAND ALTERATION AND CONSTRUCTION ACTIVITIES ARE COMPLETE.

BARRICADE SHALL EXTEND A MINIMUM RADIUS 6' FROM TRUNK OR 1/2 THE DRIPLINE WHICHEVER IS GREATER



4 TREE PROTECTION

N.T.S.

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

EROSION CONTROL

DSW
DESIGN STUDIOS WEST, INC.
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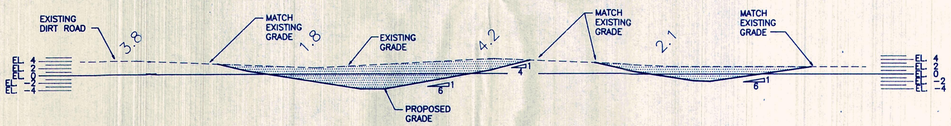
Sheet #

C–7

Date: 9/7/94	Scale: N.T.S.
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: GKL

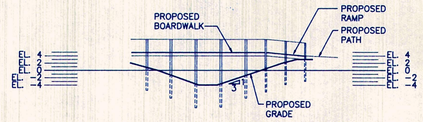
ACAD FILE NAME
CIVDET



NOTE:
GRADE AT 6:1 FROM EL.(1) TO BOTTOM OF BANK
GRADE AT 4:1 FROM EL.(1) TO TOP OF BANK

1 SECTION A–A'

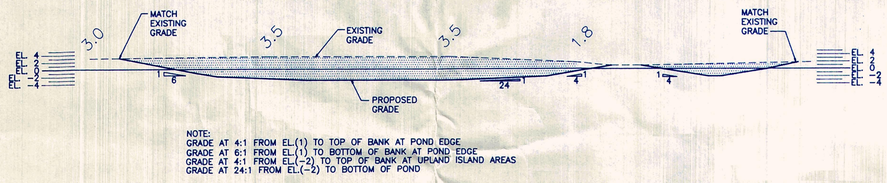
SCALE: 1"=20'–0"



NOTE:
GRADE AT 3:1 FOR NEW PASS CONNECTION

2 SECTION B–B'

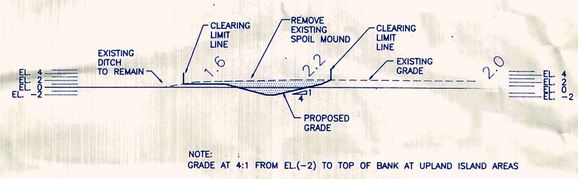
SCALE: 1"=20'–0"



NOTE:
GRADE AT 4:1 FROM EL.(1) TO TOP OF BANK AT POND EDGE
GRADE AT 6:1 FROM EL.(1) TO BOTTOM OF BANK AT POND EDGE
GRADE AT 4:1 FROM EL.(–2) TO TOP OF BANK AT UPLAND ISLAND AREAS
GRADE AT 24:1 FROM EL.(–2) TO BOTTOM OF POND

3 SECTION C–C'

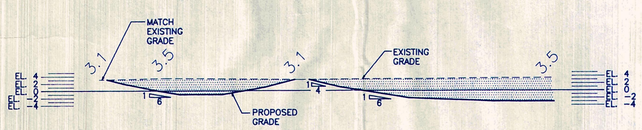
SCALE: 1"=20'–0"



NOTE:
GRADE AT 4:1 FROM EL.(–2) TO TOP OF BANK AT UPLAND ISLAND AREAS

4 SECTION D–D'

SCALE: 1"=20'–0"



NOTE:
GRADE AT 4:1 FROM EL.(1) TO TOP OF BANK AT POND EDGE
GRADE AT 6:1 FROM EL.(1) TO BOTTOM OF BANK AT POND EDGE
GRADE AT 4:1 FROM EL.(–2) TO TOP OF BANK AT UPLAND ISLAND AREAS
GRADE AT 24:1 FROM EL.(–2) TO BOTTOM OF POND

5 SECTION E–E'

SCALE: 1"=20'–0"

ACAD FILE NAME
C–8

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

GRADING SECTIONS

DSW
DESIGN STUDIOS WEST, INC.
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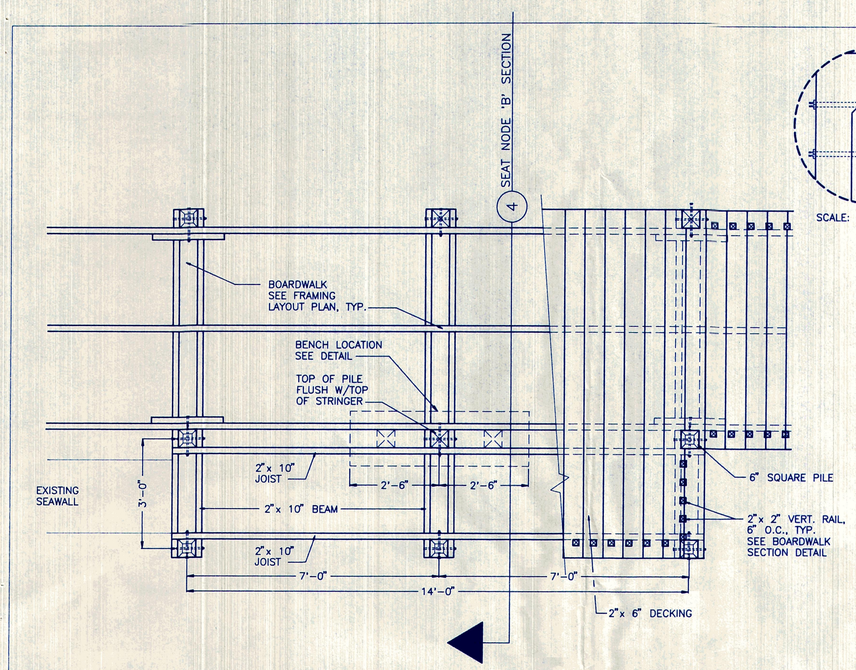
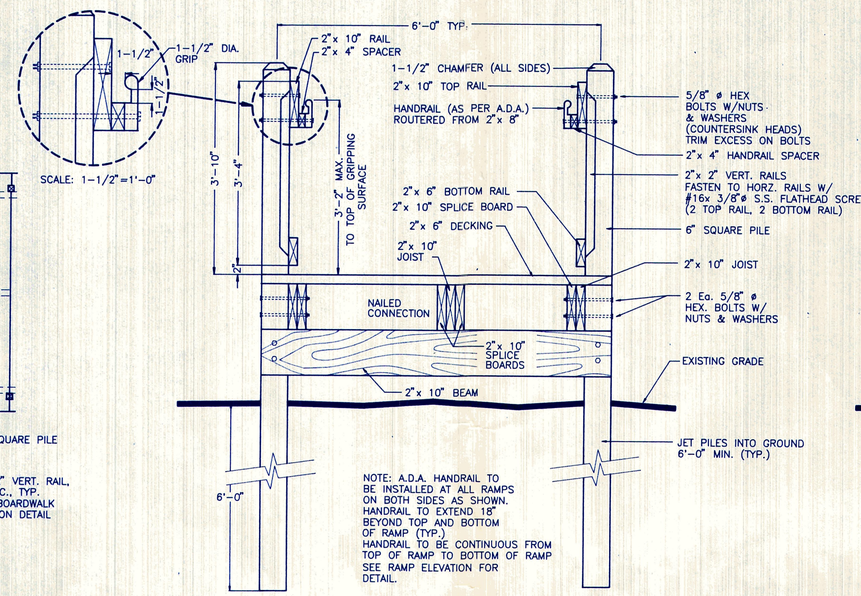
Sheet #
C–8

Date: 8/17/94	Scale: 1"=20'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: GKL



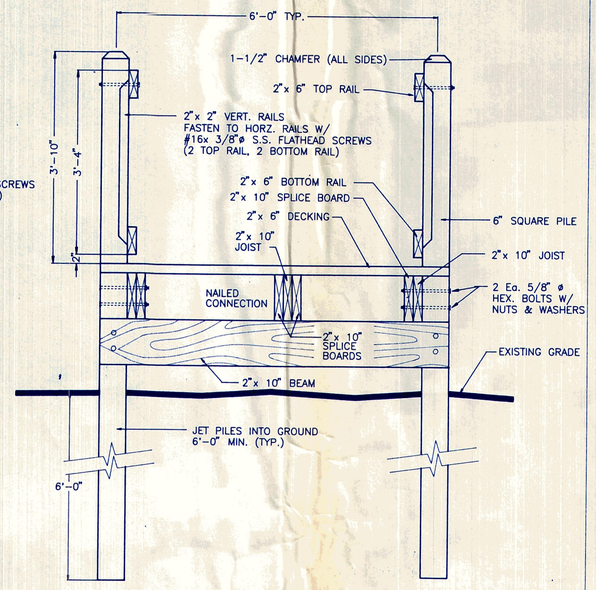
1 SEAT NODE 'B' PLAN (TYP.)

SCALE:1/2"=1'-0"



2 BOARDWALK RAMP SECTION (TYP.)

SCALE:3/4"=1'-0"



3 BOARDWALK SECTION (TYP.)

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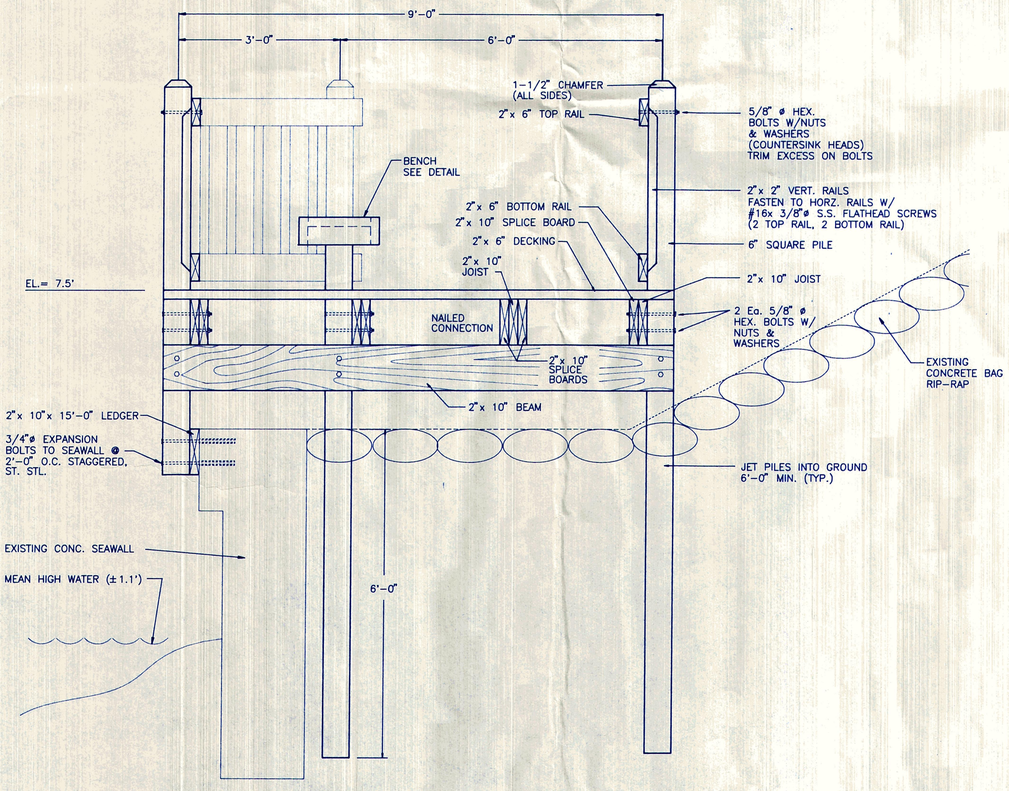
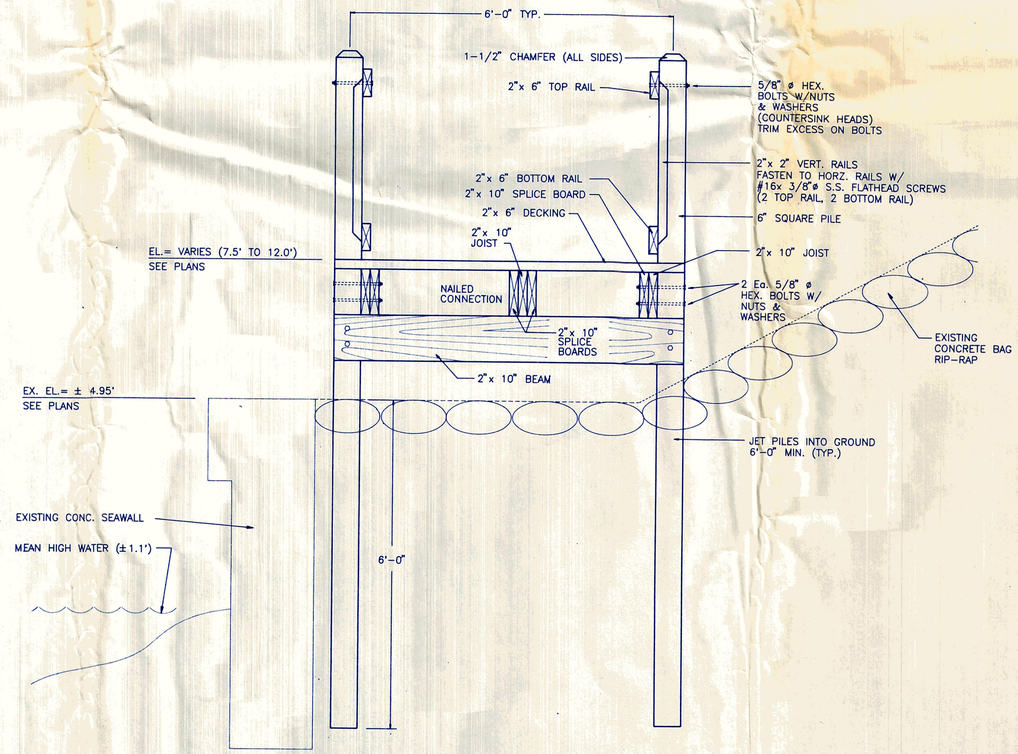


4 SEAT NODE "B" SECTION

SCALE:3/4"=1'-0"



5 BOARDWALK SECTION @ SEAWALL

SCALE:3/4"=1'-0"

ACAD FILE NAME
DETAIL

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

BOARDWALK DETAILS

DSW
DESIGN STUDIOS WEST, INC.
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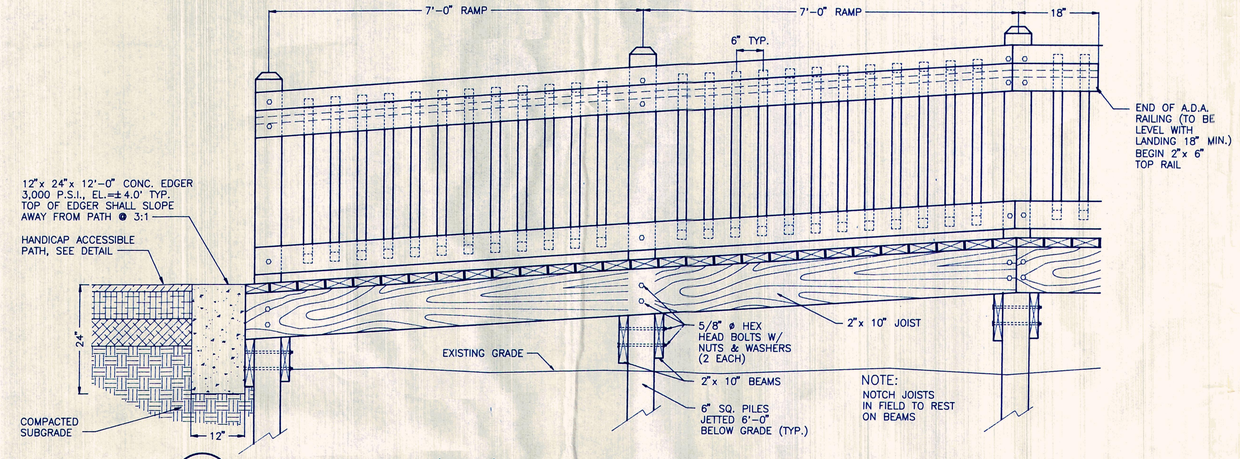
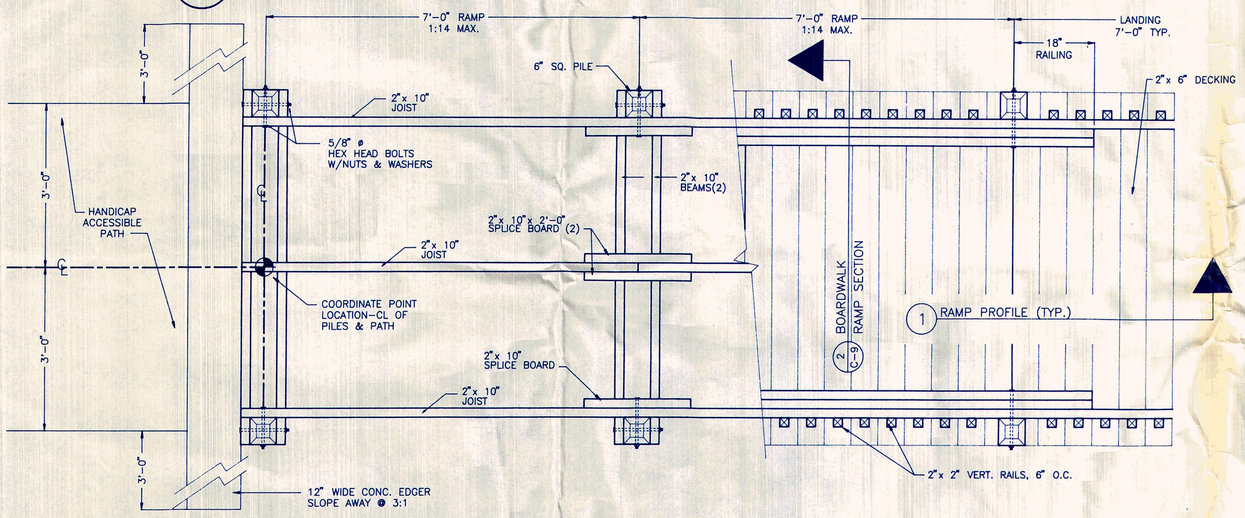
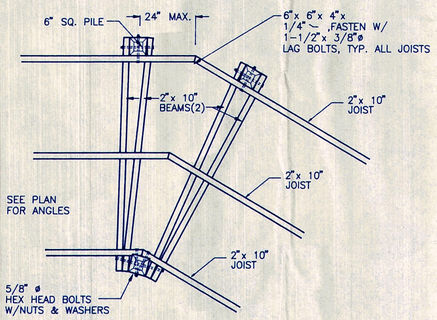
Sheet #	
C-9	
Date: 8/17/94	Scale: NOTED
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



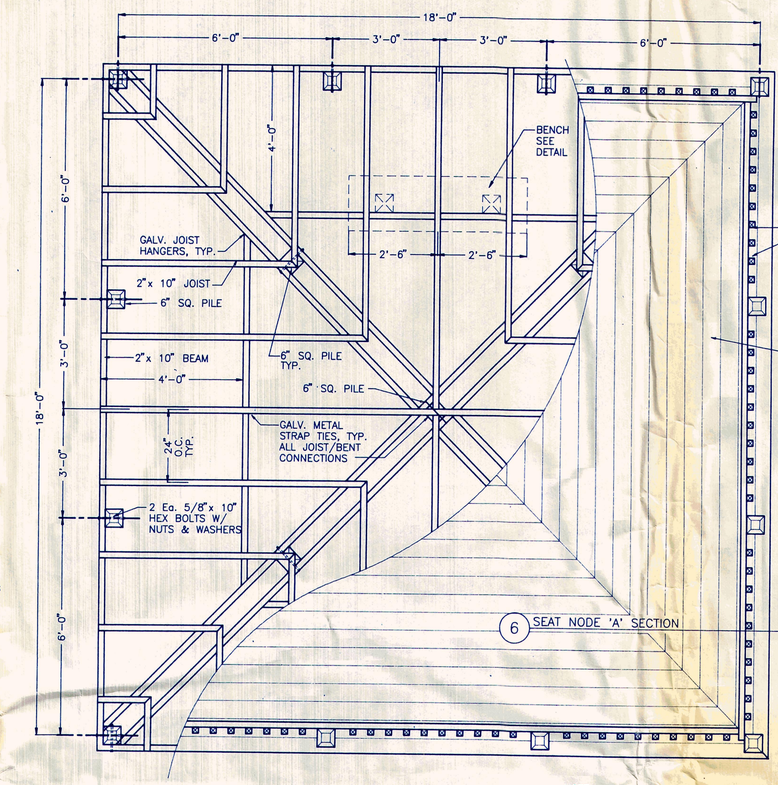
1 RAMP PROFILE (TYP.)
SCALE:3/4"=1'-0"



2 RAMP FRAMING PLAN (TYP.)
SCALE:3/4"=1'-0"

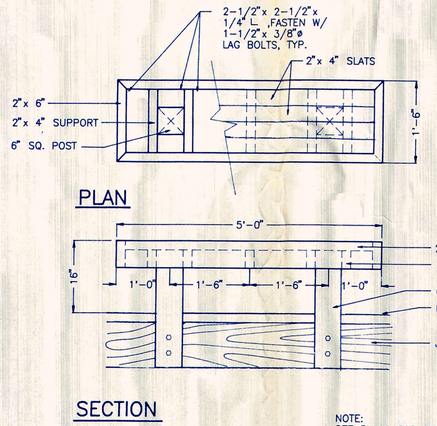


4 FRAMING PLAN (AT ANGLES)
SCALE:1/2"=1'-0"



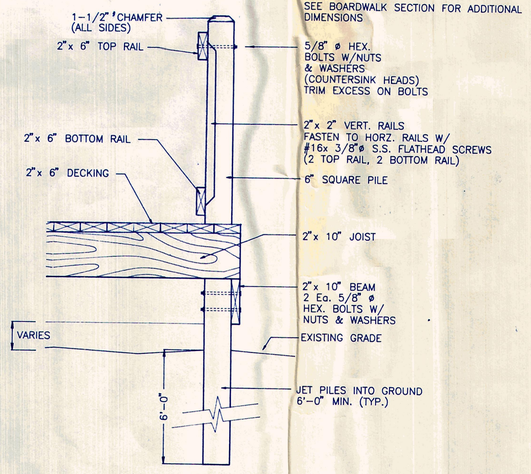
NOTE:
SEE PLANS FOR BOARDWALK LOCATIONS
COORDINATE RAILING WITH BOARDWALK ACCESS

3 SEAT NODE 'A' PLAN
SCALE:1/2"=1'-0"



NOTE:
SEE PLANS FOR BENCH LOCATIONS
BOLT 6" POST TO JOIST W/(2) 1/2"x 12" HEX BOLTS W/NUTS & WASHERS
BRACE AS NECESSARY

5 BENCH (TYP.)
SCALE:3/4"=1'-0"



6 SEAT NODE 'A' SECTION
SCALE:3/4"=1'-0"

ACAD FILE NAME
DETAIL

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:
BOARDWALK DETAILS

DSW
DESIGN STUDIOS WEST, INC.
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Sheet #	C-10
Date: 9/7/94	Scale: NOTED
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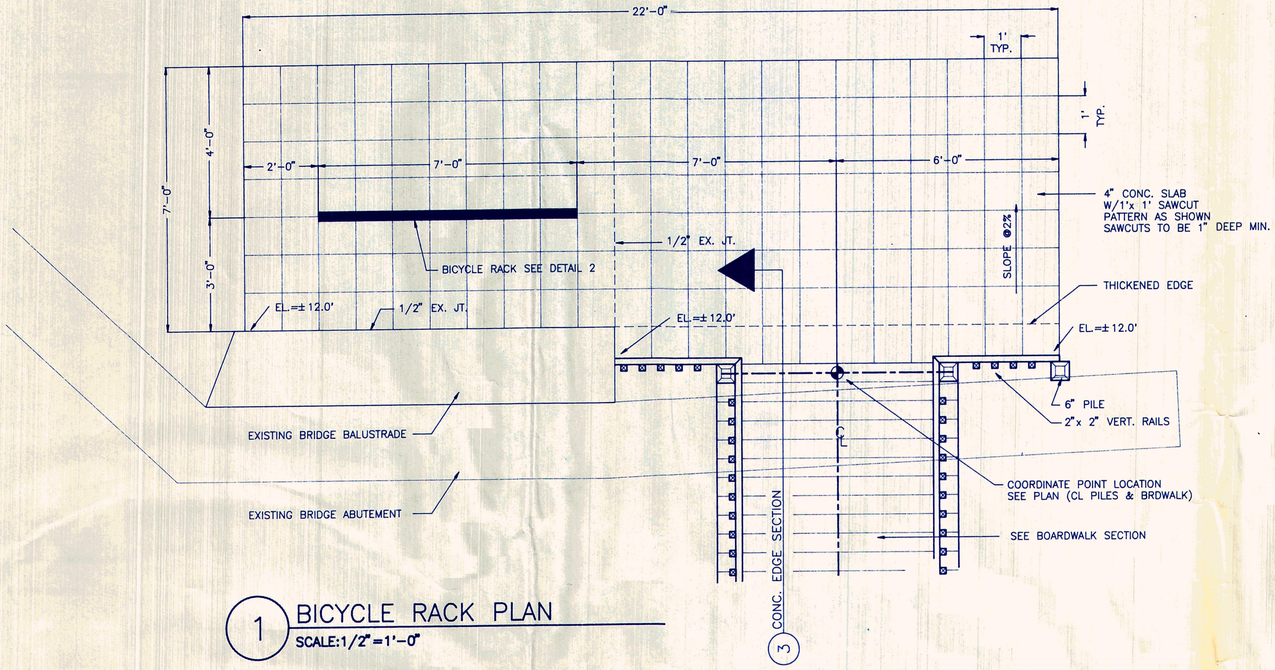
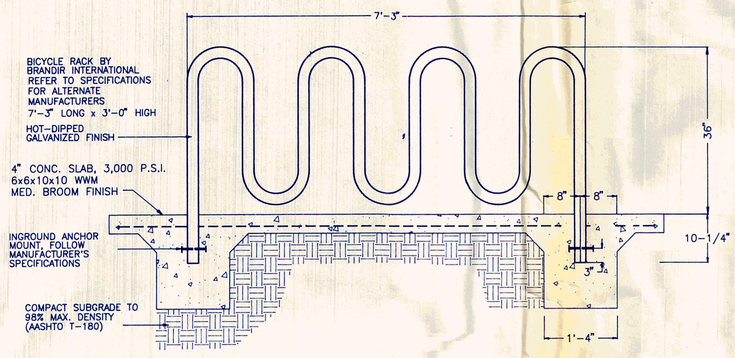
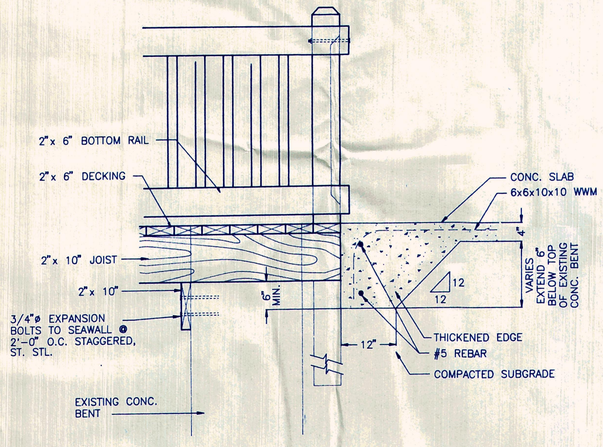


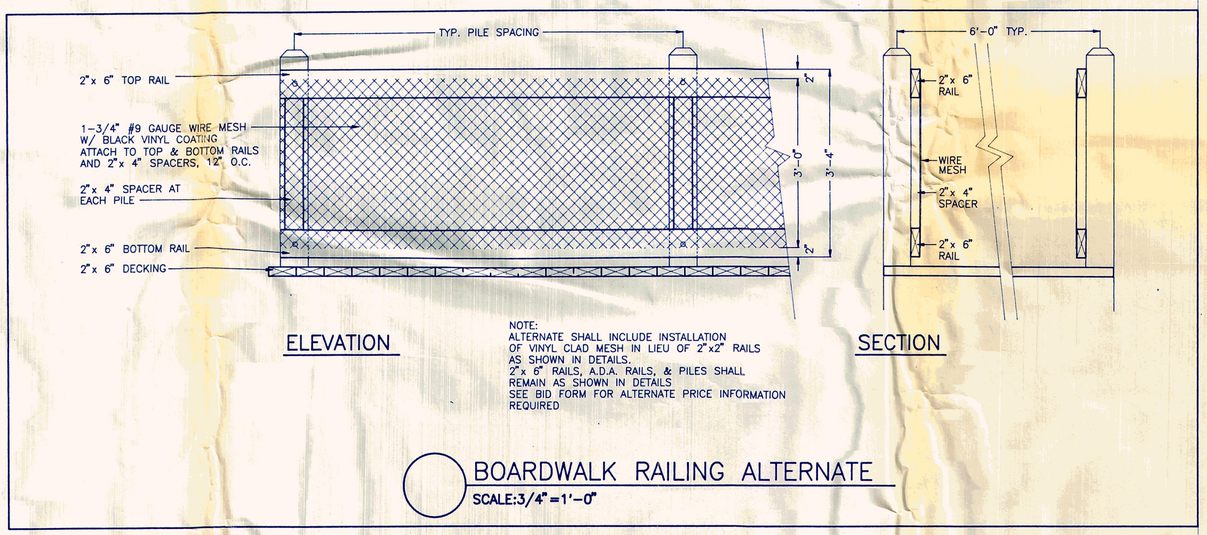
1 BICYCLE RACK PLAN
SCALE:1/2"=1'-0"



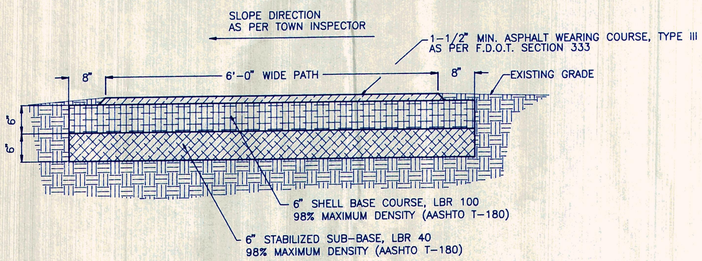
2 BICYCLE RACK ELEVATION
SCALE:3/4"=1'-0"



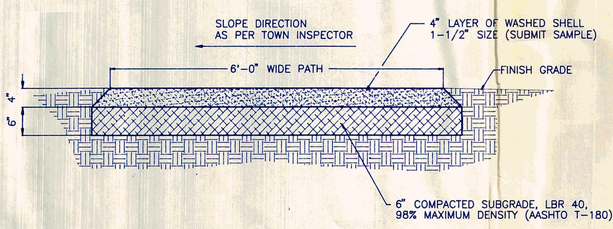
3 CONCRETE EDGE SECTION
SCALE:3/4"=1'-0"



BOARDWALK RAILING ALTERNATE
SCALE:3/4"=1'-0"



4 HANDICAP ACCESSIBLE PATH SECTION
SCALE:3/4"=1'-0"



5 SHELL PATH SECTION
SCALE:3/4"=1'-0"

ACAD FILE NAME
DETAIL

PREPARED FOR:

THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:

BOARDWALK DETAILS

DSW
DESIGN STUDIOS WEST, INC.
PLANNING ENGINEERING
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Sheet #

C-11

Date: 9/7/94	Scale: NOTED
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EXISTING CONDITIONS LEGEND

- EXISTING MANGROVES
- EXISTING AUSTRALIAN PINES
- EXISTING CONCRETE RIP-RAP
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING JURISDICTIONAL LINE
- EXISTING CENTERLINE OF DITCH
- EXISTING TREE LINE

PROPOSED CONDITIONS LEGEND

- PROPOSED BOARDWALK
- PROPOSED SHELL PATH
- PROPOSED H'CAP ACCESSIBLE PATH
- PASPALUM VAGINATUM PLANTING
- SPARTINA ALTERNIFLORA PLANTING
- CLEARING LIMIT LINE

NOTE:
THE CONTRACTOR SHALL CLOSELY COORDINATE CONSTRUCTION AND REVEGETATION ACTIVITIES WITH THE TOWN AND THE D.E.P. TO MAKE FIELD ADJUSTMENTS WHICH BETTER PROTECT ESTABLISHED HABITATS OR ENHANCE THE ENVIROMENTAL RESTORATION EFFORT
THE CONTRACTOR SHALL CLEAN ALL MOSQUITO DITCHES OF EXISTING DIRT PLUGS (TYP.)
THE D.E.P. WILL DIRECTLY PARTICIPATE AND HELP COORDINATE ALL PROPOSED ACTIVITIES
ALL ELEVATIONS ARE BASED ON N.G.V.D.(1929)

PLANT LEGEND

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
CU	9	COCCOLOBA UVIFERA	SEAGRAPE	10 GAL., 5' HT.
SA	16,943	SPARTINA ALTERNIFLORA	SMOOTH CORDGRASS	4" PLUGS, 18" O.C.
PV	61,099	PASPALUM VAGINATUM	SEASHORE PASPALUM	4" PLUGS, 12" O.C.

1. CORDGRASS SHALL BE PLANTED FROM EL. (-1) TO EL. (0)
2. PASPALUM SHALL BE PLANTED FROM EL. (0) TO LIMITS OF CLEARING
3. ALL PLANTING AREAS SHALL BE MULCHED WITH STRAW OR HAY AT THE RATE OF 75 lbs. PER 1,000 SQ. FT.
4. THE CONTRACTOR SHALL PERFORM A SUFFICIENT NUMBER OF SOIL TESTS TO DETERMINE FERTILIZER AND pH MODIFICATION REQUIREMENTS FOR THE SPECIFIED PLANTS

ACAD FILE NAME
VEGPLAN

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

QUICKPOINT NATURE PRESERVE

SHEET TITLE:
REVEGETATION PLAN

DSW
DESIGN STUDIOS WEST, INC.
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Sheet # C12

North

Date: 9/7/94	Scale: 1"=60'
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Revisions:	Checked by: RGM