

EXECUTIVE SUMMARY

Recommendation to approve work orders, purchase orders and miscellaneous permitting expenditures related to the BCC directed revised design, permitting, and construction of new restroom facilities at Vanderbilt Beach Park, and the rehabilitation and retention of the existing restroom facilities and make a finding that the project promotes tourism.

OBJECTIVE: To provide improved beach restroom facilities for the public at Vanderbilt Beach Park that is cost effective in both design and construction and acceptable to the various stakeholders in the project.

CONSIDERATIONS: The Board of County Commissioners directed staff on January 15, 2008 to develop a plan to upgrade the existing Vanderbilt Beach restroom facility to address overall community needs consistent with current County practices and existing beach park facilities. The existing Vanderbilt beach restrooms are approximately 15 years old, in need of significant refurbishment and are undersized to meet current public demands. Vanderbilt Beach is one of the County's most popular beach parks. Adequate beach parking exists at this location at the parking garage on Vanderbilt Beach Road.

On December 11, 2012, the Board of County Commissioners approved a Settlement Agreement with the Petitioners regarding the construction of bathrooms on Vanderbilt Beach.

At the January 22, 2013 meeting, the Board of County Commissioners approved a work plan for permitting, design, and construction of bathrooms at Vanderbilt Beach. All stipulations from the Settlement Agreement have been incorporated into the work plan.

The work plan includes:

- The rehabilitation and retention of the existing bathrooms.
- A new 868 SF facility patterned after the well received new facility at Bluebill beach access; with 5 women's commodes, 3 urinals and 1 commode for men, an ADA family section with an additional commode, and a janitors closet.
- Provision of additional shower and foot wash facilities, additional boardwalks connecting the new facility with adjacent sidewalks and the existing facility completely encapsulated by existing and proposed landscaping.
- An "at grade" construction to conform to the requirements of the various stakeholder citizen groups.
- An expedited schedule for the rehabilitation of the existing facility and for the permitting and construction of the new facility.

The County Manager assigned the management of this project to the Facilities Management Department, which also oversees all Parks and Recreation projects.

In the efforts to provide immediate improvements for the beachgoers this spring, the following work has already been contracted and completed:

- Temporary, portable restrooms were rented for approximately six weeks, while the existing facility was out of service for renovation.
- The complete interior of the existing restroom facility was remodeled, including all new lavatories, toilets, sinks, and hand driers.
- The exterior of the building was completely repainted.
- The existing facility was re-opened prior to the Easter weekend.

Also in the effort to expedite the project, a design firm was retained to re-design and re-permit the revised project, and to provide complete contract documents for construction. All required permit applications, with the exception of the CC Building Permit, have now been submitted, and we are awaiting comments before submitting for the Building Permit.

FISCAL IMPACT: Funding up to the original approved amount of \$919,726.13 from Tourist Development funds is available and appropriated for the project within the Beach Park Facilities Capital Projects Fund 183.

GROWTH MANAGEMENT IMPACT: There is no impact to the Growth Management Plan from this action.

LEGAL CONSIDERATIONS: This item has been reviewed by the County Attorney's Office, requires majority vote, and is legally sufficient for Board action. – CMG

ADVISORY BOARD RECOMMENDATION: The Parks and Recreation Advisory Board previously approved this plan on February 18, 2009 by a vote of 4-0, and unanimously approved the new plan at the meeting in February 2013.

RECOMMENDATION: That the Tourist Development Council:

1. Recommend approval of the work orders, purchase orders and miscellaneous permitting expenditures related to the BCC directed revised design, and construction of the new Vanderbilt Beach Park Bathroom facilities, and the associated, permitting, easement modifications, recording, construction, and other related expenses estimated at \$873,000. The final construction contract award will be brought back to the TDC for separate recommendation.
2. Recommend approval of the rehabilitation of the existing restroom and related expenses at an estimated cost of \$42,923.
3. Make a finding that the project promotes tourism.

PREPARED BY: Hank Jones, Principal Project Manager, Facilities Management

ATTACHMENTS:

Revised SDP Plans.

- 1 CEMENT PLASTER
- 2 METAL ROOF
- 3 GUTTER
- 4 DOWNSPOUT
- 5 FLOOD PANEL
- 6 ALUM. SIGN
- 7 DRINKING FOUNTAIN
- 8 DOOR
- 9 NOT USED
- 10 ALUM. LOUVER
- 11 OH. COOLING DOOR
- 12 ALT. BID LIGHTNING PROTECTION

ARCHITECTURAL AND SITE DESIGN STANDARDS

PRIMARY FACADE STANDARDS

- 1 C.2.a DEFINED ENTRANCE, PLUS ONE OF THE FOLLOWING:
- 2 C.2.b-1 GROUND FLOOR L2 FEATURE - ARCADE
- 3 C.2.b-2 GROUND FLOOR L2 FEATURE - DISPLAY
- 4 C.2.b-3 GROUND FLOOR L2 FEATURE - ENTRY
- 5 C.2.b-4 GROUND FLOOR L2 FEATURE - OTHER

DESIGN FEATURES, MINIMUM 2

- 6 C.2.c.i GLAZING 30% FACADE AREA
- 7 C.2.c.ii PROJ. / REC. ENTRY, 100 SF, 20% GL.
- 8 C.2.c.iii COVERED WALKWAY, MIN. 8' x 60% L.
- 9 C.2.c.iv PORTECOCHERE, MIN. 18', 20% GL.
- 10 C.2.c.v TOWER ELEMENT, 20% GLASS

TRANSITIONAL ELEMENTS DESIGN STANDARDS

- 11 C.3.b.1 APPLICABLE
- 12 C.3.b.2 NOT APPLICABLE (OVER 150' TO ADJ. BLDG.)

VARIATION IN MASSING - PROJECTIONS & RECESSES

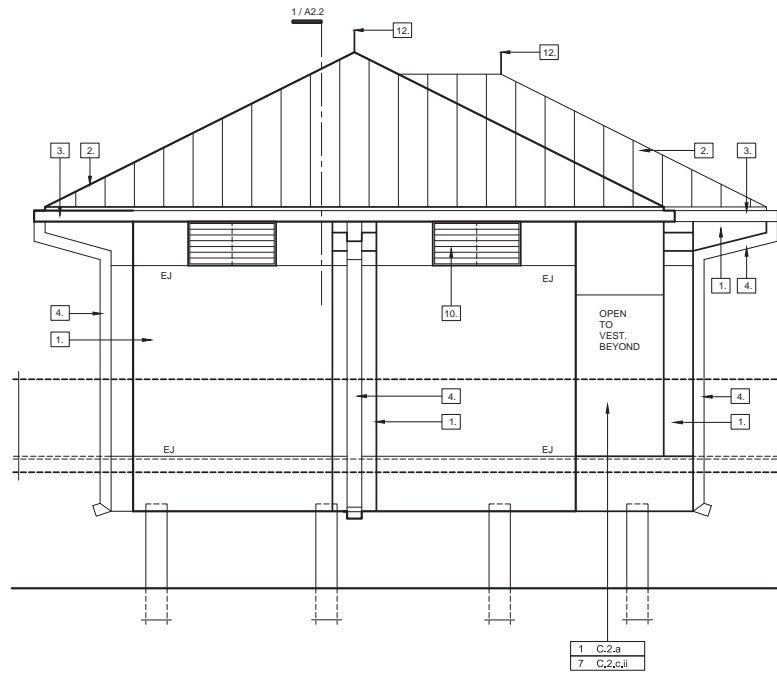
- 23 C.4.a.i 40,000 SF ABOVE - 150 LF MAX., 10' MIN.
- 24 C.4.a.ii 20,000 SF - 39,999 SF - 125 LF MAX., 8' MIN.
- 25 C.4.a.iii 10,000 SF - 19,999 SF - 100 LF MAX., 6' MIN.
- 26 C.4.a.iv 5,000 SF - 9,999 SF - 75 LF MAX., 4' MIN.
- 27 C.4.a.v UP TO 5,000 SF - 50 LF MAX., 3' MIN., MIN. W. 20%

PROJECT STANDARDS, MIN. 4 REQUIRED

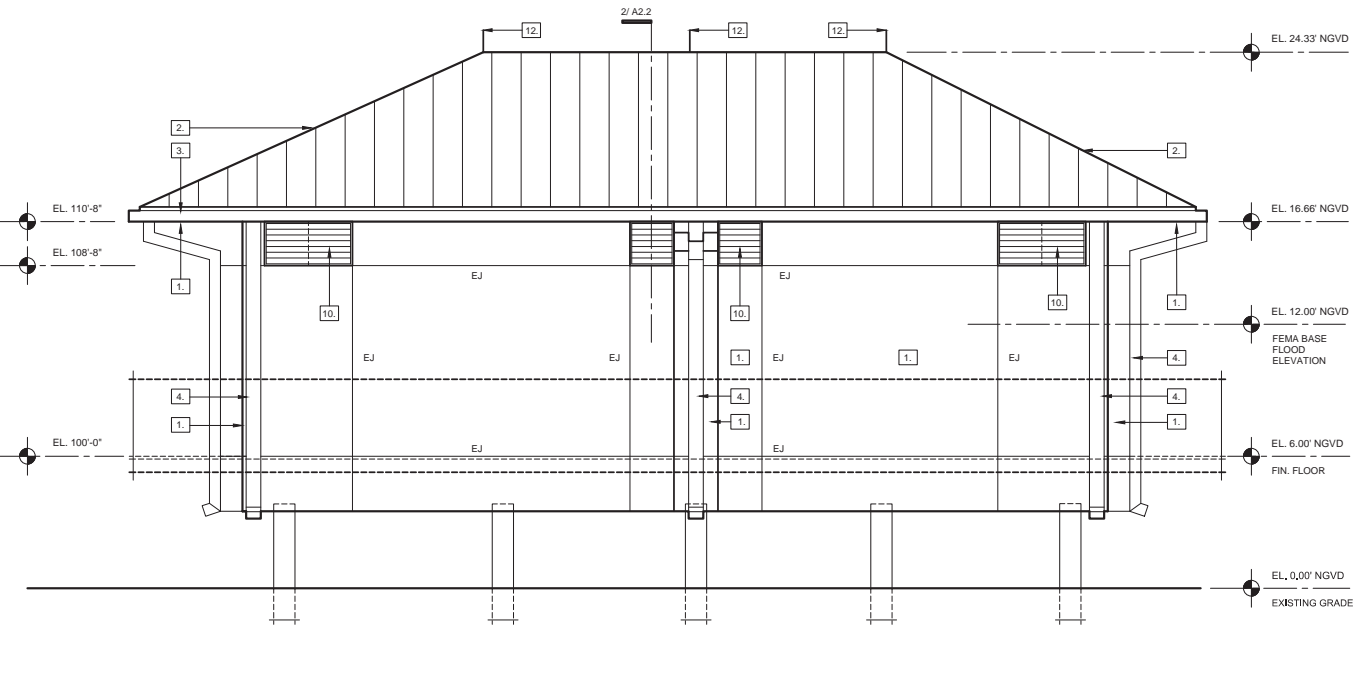
- 28 C.5.c.i CANOPY, PORTICO, PORTECOCHERE
- 29 C.5.c.ii OVERHANG, MIN. 3'
- 30 C.5.c.iii COLONNADE, ARCADE, MIN. 8' CL. W.
- 31 C.5.c.iv SCULPTURED ARTWORK
- 32 C.5.c.v CORNICE, MIN. 2" H., 1' PROJ.
- 33 C.5.c.vi PEAK OR CURVED ROOF
- 34 C.5.c.vii ARCH WITH MIN. 12" REC. D.
- 35 C.5.c.viii DISPLAY WINDOW
- 36 C.5.c.ix ORNAMENTAL, STRUCT., OR ARCH. DETAILS
- 37 C.5.c.x CLOCK OR BELL TOWER
- 38 C.5.c.xi PROJECTED COV. ENTRY, MIN. 8', MIN. 100 SF
- 39 C.5.c.xii BUILDING BASE, MIN. 3" H., MIN. 2" PROJ.
- 40 C.5.c.xiii ADDITIONAL ROOF ARTICULATION
- 41 C.5.c.xiv CURVED WALLS
- 42 C.5.c.xv COLUMNS
- 43 C.5.c.xvi PILASTERS
- 44 C.5.c.xvii METAL OR TILE ROOF
- 45 C.5.c.xviii EXPRESSED STRUCTURAL ELEMENT
- 46 C.5.c.xix ADDL. GLAZING 15% OVER MIN. GL.
- 47 C.5.c.xx SOLAR SHADING MIN. 50% COVER
- 48 C.5.c.xxi TRANSLUCENT GLAZING 15% OVER MIN. GL.
- 49 C.5.c.xxii GLASS BLOCK OVER 15% MIN.

SITE DESIGN, MIN. 2 REQUIRED

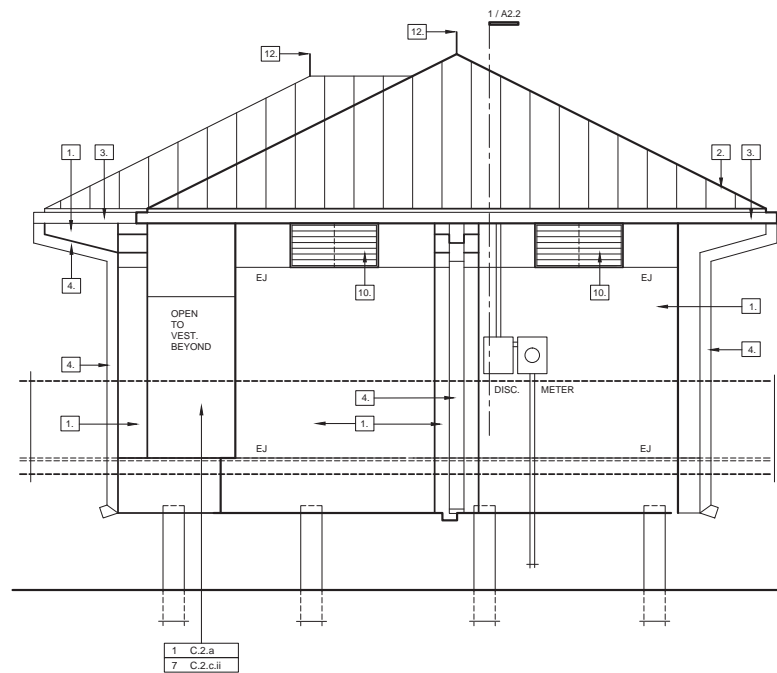
- 50 C.5.d.i DECORATIVE PLANTERS, MIN. 5' W., 100 SF
- 51 C.5.d.ii SPECIALTY PAVERS & CONC., 60% WALKWAY
- 52 C.5.d.iii TWO ACCENT SPECIMEN TREES PER LDC
- 53 C.5.d.iv SITE SCULPTURE



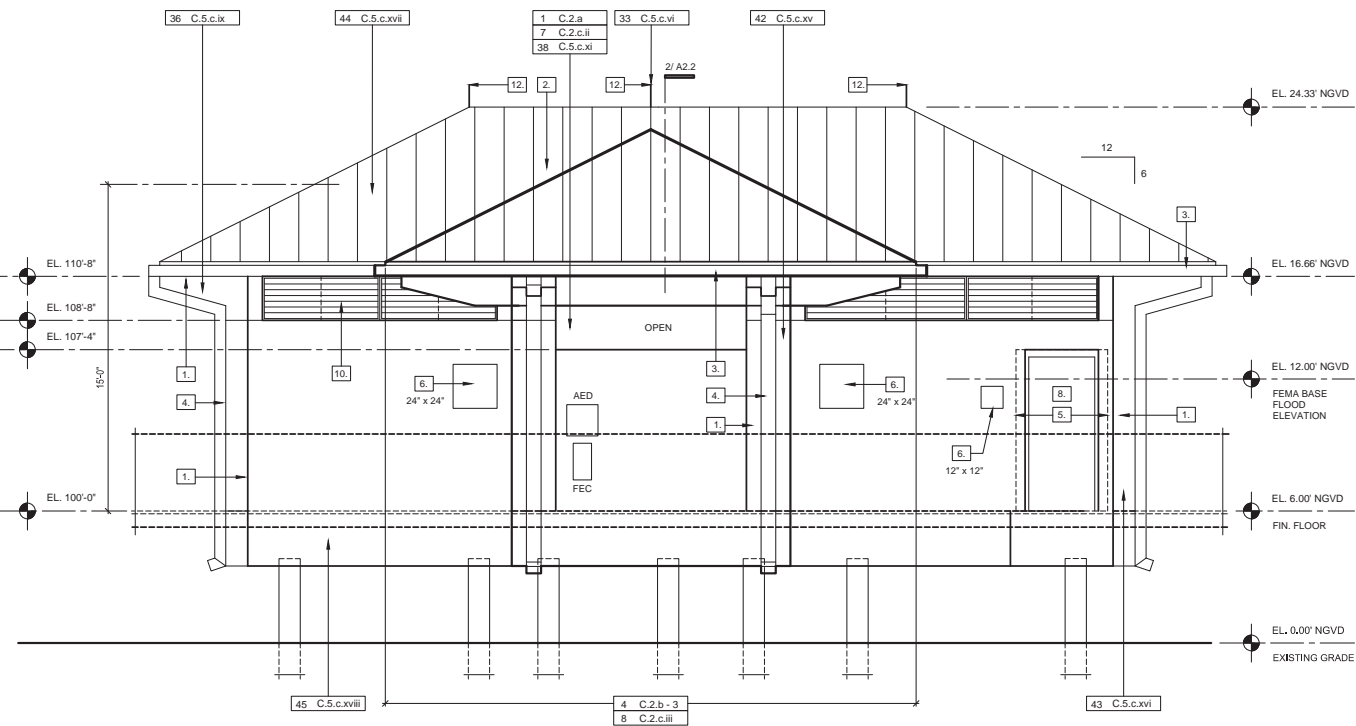
1
A2.1
ELEVATION



2
A2.1
ELEVATION



3
A2.1
ELEVATION



4
A2.1
ELEVATION

24 x 36" Sheet Scale = 1/4" = 1'-0"



Alternative Architectural
Design Submittal
Submittal No. 5.05.08 F

Vanderbilt Beach
Restroom Facility

for the
Collier County Office of
Facilities Management
Naples, Florida

DATE ISSUED 02-21-13

PROJECT NUMBER 13-540

SHEET NUMBER SDP-2

ISSUE & REVISION DATES

VICTOR J. LATAVISH, AIA
AR 11942

KEYNOTES

- 1 CEMENT PLASTER
- 2 METAL ROOF
- 3 GUTTER
- 4 DOWNSPOUT
- 5 FLOOD PANEL
- 6 ALUM. SIGN
- 7 DRINKING FOUNTAIN
- 8 DOOR
- 9 NOT USED
- 10 ALUM. LOUVER
- 11 OH. COILING DOOR
- 12 ALT. BID LIGHTNING PROTECTION

ARCHITECTURAL AND SITE DESIGN STANDARDS

PRIMARY FACADE STANDARDS

- 1 C.2.a DEFINED ENTRANCE, PLUS ONE OF THE FOLLOWING:
- 2 C.2.b-1 GROUND FLOOR 1/2 FEATURE - ARCADE
- 3 C.2.b-2 GROUND FLOOR 1/2 FEATURE - DISPLAY
- 4 C.2.b-3 GROUND FLOOR 1/2 FEATURE - ENTRY
- 5 C.2.b-4 GROUND FLOOR 1/2 FEATURE - OTHER

DESIGN FEATURES, MINIMUM 2

- 6 C.2.c.i GLAZING 30% FACADE AREA
- 7 C.2.c.ii PROJ. / REC. ENTRY, 100 SF, 20% GL.
- 8 C.2.c.iii COVERED WALKWAY, MIN. 8' x 60% L.
- 9 C.2.c.iv PORTECOCHERE, MIN. 18', 20% GL.
- 10 C.2.c.v TOWER ELEMENT, 20% GLASS

TRANSITIONAL ELEMENTS DESIGN STANDARDS

- 11 C.3.b.1 APPLICABLE
- 12 C.3.b.2 NOT APPLICABLE (OVER 150' TO ADJ. BLDG.)

VARIATION IN MASSING - PROJECTIONS & RECESSES

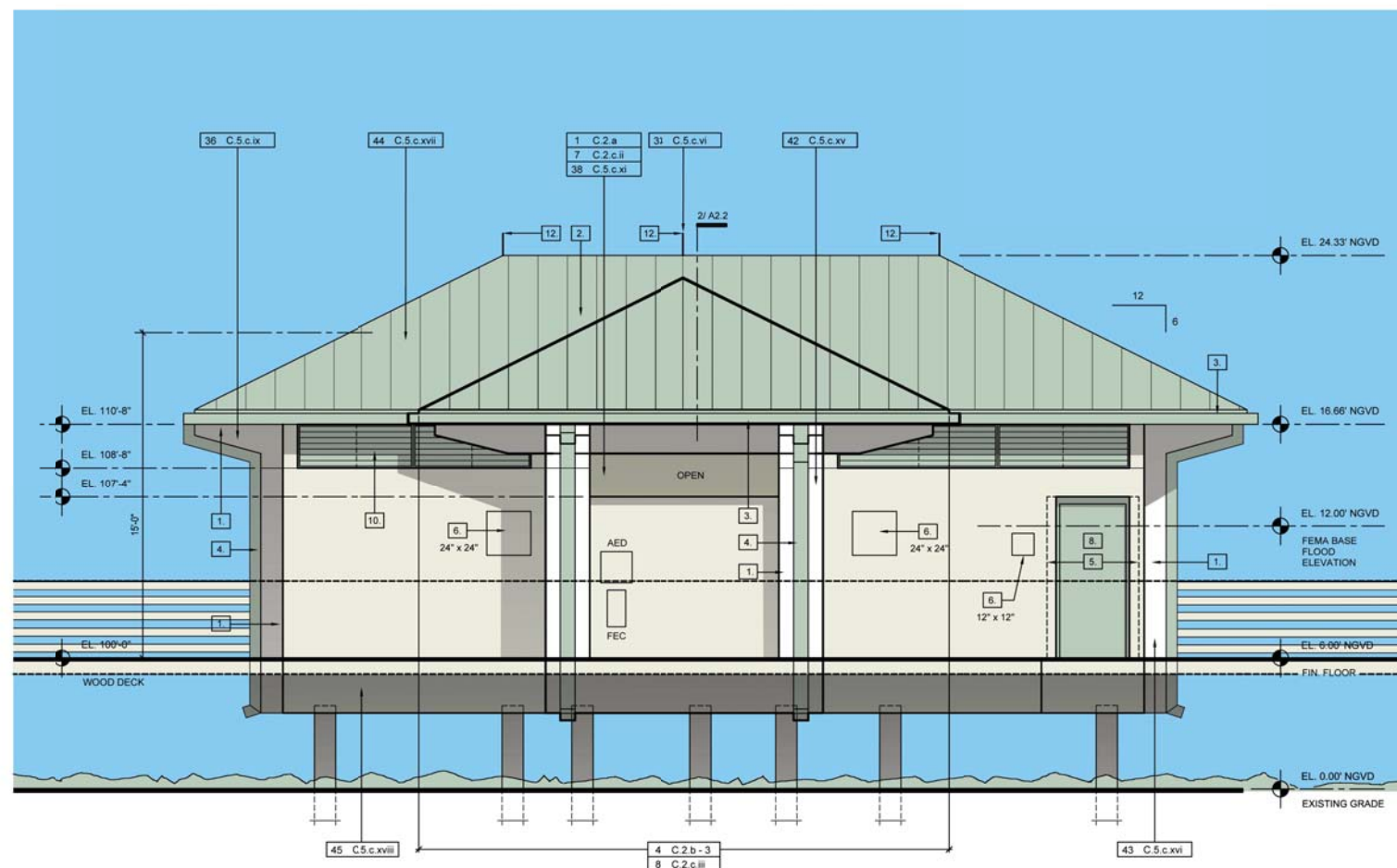
- 23 C.4.a.i 40,000 SF ABOVE - 50 LF MAX., 10' MIN.
- 24 C.4.a.ii 20,000 SF - 39,999 SF - 125 LF MAX., 8' MIN.
- 25 C.4.a.iii 10,000 SF - 19,999 SF - 100 LF MAX., 6' MIN.
- 26 C.4.a.iv 5,000 SF - 9,999 SF - 75 LF MAX., 4' MIN.
- 27 C.4.a.v UP TO 5,000 SF - 50 LF MAX., 3' MIN., MIN. W. 20%

PROJECT STANDARDS, MIN. 4 REQUIRED

- 28 C.5.c.i CANOPY, PORTICO, PORTECOCHERE
- 29 C.5.c.ii OVERHANG, MIN. 3'
- 30 C.5.c.iii COLONNADE, ARCADE, MIN. 8' CL. W.
- 31 C.5.c.iv SCULPTURED ARTWORK
- 32 C.5.c.v CORNICE, MIN. 2" H., 1' PROJ.
- 33 C.5.c.vi PEAK OR CURVED ROOF
- 34 C.5.c.vii ARCH WITH MIN. 12" REC. D.
- 35 C.5.c.viii DISPLAY WINDOW
- 36 C.5.c.ix ORNAMENTAL, STRUCT., OR ARCH. DETAILS
- 37 C.5.c.x CLOCK OR BELL TOWER
- 38 C.5.c.xi PROJECTED COV. ENTRY, MIN. 8', MIN. 100 SF
- 39 C.5.c.xii BUILDING BASE, MIN. 3" H., MIN. 2' PROJ.
- 40 C.5.c.xiii ADDITIONAL ROOF ARTICULATION
- 41 C.5.c.xiv CURVED WALLS
- 42 C.5.c.xv COLUMNS
- 43 C.5.c.xvi PILASTERS
- 44 C.5.c.xvii METAL OR TILE ROOF
- 45 C.5.c.xviii EXPRESSED STRUCTURAL ELEMENT
- 46 C.5.c.xix ADDL. GLAZING 15% OVER MIN. GL.
- 47 C.5.c.xx SOLAR SHADING MIN. 50% COVER
- 48 C.5.c.xxi TRANSLUCENT GLAZING 15% OVER MIN. GL.
- 49 C.5.c.xxii GLASS BLOCK OVER 15% MIN.

SITE DESIGN, MIN. 2 REQUIRED

- 50 C.5.d.i DECORATIVE PLANTERS, MIN. 5' W., 100 SF
- 51 C.5.d.ii SPECIALTY PAVERS & CONC., 60% WALKWAY
- 52 C.5.d.iii TWO ACCENT SPECIMEN TREES PER LDC
- 53 C.5.d.iv SITE SCULPTURE



COLOR ELEVATION

24 x 36" Sheet Scale = 1/4" = 1'-0"



Alternative Architectural
Design Submittal
Submittal No. 5.05.08 F

Vanderbilt Beach
Restroom Facility

for the
Collier County Office of
Facilities Management
Naples, Florida

DATE ISSUED 02-21-13

PROJECT NUMBER 13-540

SHEET NUMBER

SDP-4

VANDERBILT BEACH PAVILION

Site Development Plans Amendment to PL2010-1534

Located in COLLIER COUNTY
 Section 32, Township 48 South, Range 25 East

LEGAL DESCRIPTION

ALL THAT PART OF SECTION 32, TOWNSHIP 48 SOUTH, RANGE 25 EAST, COLLIER COUNTY, FLORIDA, BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 32, TOWNSHIP 48 SOUTH, RANGE 25 EAST, COLLIER COUNTY, FLORIDA;

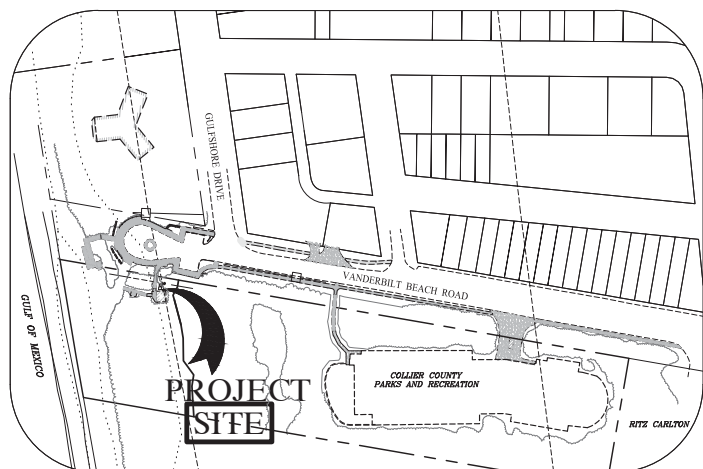
THENCE ALONG THE EAST LINE OF SAID SECTION 32, NORTH 00°-38'-50" WEST 3437.06 FEET TO THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD S-862, (VANDERBILT BEACH ROAD);
 THENCE ALONG SAID RIGHT-OF-WAY LINE NORTH 80°-08'-20" WEST 1133.38 FEET TO THE POINT OF BEGINNING OF THE PARCEL HEREIN DESCRIBED;

THENCE SOUTH 9°-51'-40" WEST 225.00 FEET;
 THENCE NORTH 80°-08'-20" WEST 724.44 FEET TO THE STATE OF FLORIDA DEPARTMENT OF NATURAL RESOURCES COASTAL CONSTRUCTION CONTROL LINE (PER REVISED MAP OF RECORD RECORDED JULY 29, 1980, COLLIER COUNTY, FLORIDA);
 THENCE CONTINUE NORTH 80°-08'-20" WEST 200.00 FEET MORE OR LESS TO THE MEAN HIGH WATER LINE OF THE GULF OF MEXICO;
 THENCE NORTHWESTERLY ALONG SAID MEAN HIGH WATER LINE 241 FEET MORE OR LESS TO A POINT ON THE SAID SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD S-862 (VANDERBILT BEACH ROAD);
 THENCE ALONG SAID RIGHT-OF-WAY LINE, SOUTH 80°-08'-20" EAST 200 FEET MORE OR LESS TO THE SAID FLORIDA DEPARTMENT OF NATURAL RESOURCES COASTAL CONSTRUCTION CONTROL LINE;
 THENCE CONTINUE ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID STATE ROAD S-862, SOUTH 80°-08'-20" EAST 810.00 FEET TO THE POINT OF BEGINNING OF THE PARCEL HEREIN DESCRIBED.

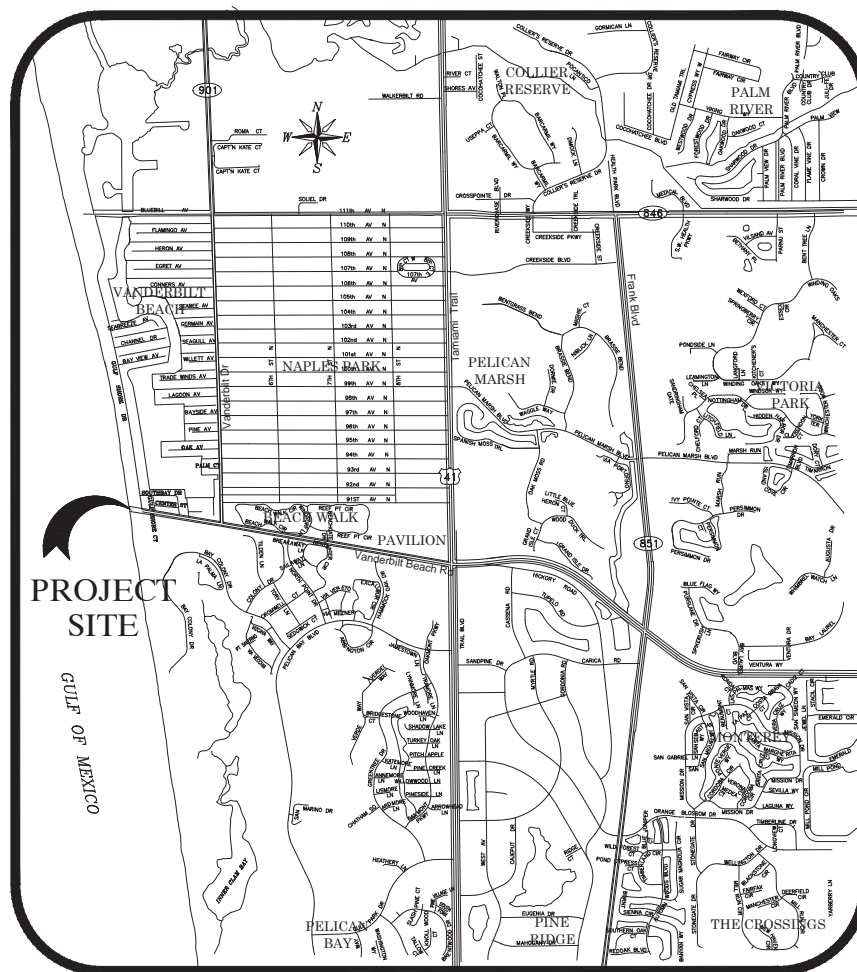
SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

Collier County Parks
 and Recreation Dept.
 15000 Livingston Road
 Naples, FL 34110
 TEL: (239)-252-4000

COLLIER COUNTY ZONING: PUD 77.18 AS AMENDED
 COLLIER COUNTY FOLIO NUMBER: 00168400005



Vicinity Map
 N.T.S.



Location Map
 N.T.S.

Sheet List Table

Sheet Number	Sheet Title
1	COVER SHEET
2	AERIAL PHOTOGRAPH
3	OVER-ALL SITE PLAN
4	CLEARING PLAN
5	SITE PLAN
6	UTILITY PLAN
7	GRADING, PAVING, & DRAINAGE PLAN
8	GARAGE VEHICLE ACCESS GRADING, PAVING & DRAINAGE PLAN
9	SECTIONS AND DETAILS
10	EROSION CONTROL PLAN
1	PRESERVE MANAGEMENT PLAN
1	GOPHER TORTOISE MANAGEMENT PLAN
1	SEA TURTLE MANAGEMENT PLAN

SDP, SDPA, SIP & BUILDING AREAS			
① FLOOR AREA, LDC LDC	② FLOOR AREA, LDC PARKING ONLY	③ AREA, BUILDING FBC	④ SQUARE FOOTAGE IMPACT FEE
715 SF	762 SF	1,438 SF	715 SF

Vanderbilt Beach Restroom Facility

Revisions

Revision	Date	Description	By

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

O. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

MICHAEL J. DELATE, P.E.
 O. GRADY MINOR & ASSOC., P.A.
 3800 VIA DEL REY
 BONITA SPRINGS, FL 34134
 FLORIDA P.E. LICENSE NO. 49442
 EB/LB 0005151

DATE: MARCH 2013
 FILE NAME: CCU142-COVDET.DWG
 JOB CODE: CCU142
 SHEET NUMBER 1 OF 10

SUBMITTAL
 SDPA

VANDERBILT BEACH PAVILION
 Site Development Plans Amendment to PL2010-1534

GradyMinor
 BONITA SPRINGS OFFICE



FLOOD ZONE VE 18

FLOOD ZONE VE 12

LEGEND

Revision	Date	Description

DESIGNED BY:	MJD
DRAWN BY:	BCB
APPROVED:	MJD
JOB CODE:	CCU142
SCALE:	1" = 30'

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

VANDERBILT BEACH PAVILION
 AERIAL PHOTOGRAPH

MICHAEL J. DELATE, P.E.
 C. GRADY MINOR & ASSOC., P.A.
 3800 VIA DEL REY
 BONITA SPRINGS, FL 34134
 FLORIDA P.E. LICENSE NO. 49442
 EB/LB 0005151

MUNICIPALITY:
 COLLIER COUNTY
 SEC./TOWNSHIP/RNG
 32/48S/25E
 DATE:
 MARCH 2013
 SUBMITTAL TYPE:
 SDPA SUBMITTAL
 SHEET 2 OF 10

ZONING	
CURRENT ZONING THIS TRACT = PUD	
NORTH = ROW	
SOUTH = PUD	
EAST = PUD (PELICAN BAY)	
WEST = GULF OF MEXICO	

ORIGINAL SITE SUMMARY (PER PERMIT)			
DESCRIPTION	AREA (S.F.)	AREA (AC.)	
GARAGE	47,979	1.10	21%
RESTROOMS	3,484	0.08	2%
OPEN SPACE	21,280	0.49	10%
BEACH	38,223	0.88	17%
OPEN WATER	14,378	0.33	6%
CONSERVATION AREA*	98,010	2.25	44%
TOTAL	222,463	5.13 **	100%

PROPOSED SITE SUMMARY			
DESCRIPTION	AREA (S.F.)	AREA (AC.)	
GARAGE	47,979	1.10	21%
RESTROOMS ***	5,447	0.13	2%
OPEN SPACE	21,780	0.50	10%
BEACH	38,223	0.88	17%
OPEN WATER	14,378	0.33	6%
CONSERVATION AREA*	95,112	2.18	44%
TOTAL	222,463	5.13 **	100%

QGM STANDARD ABBREVIATIONS

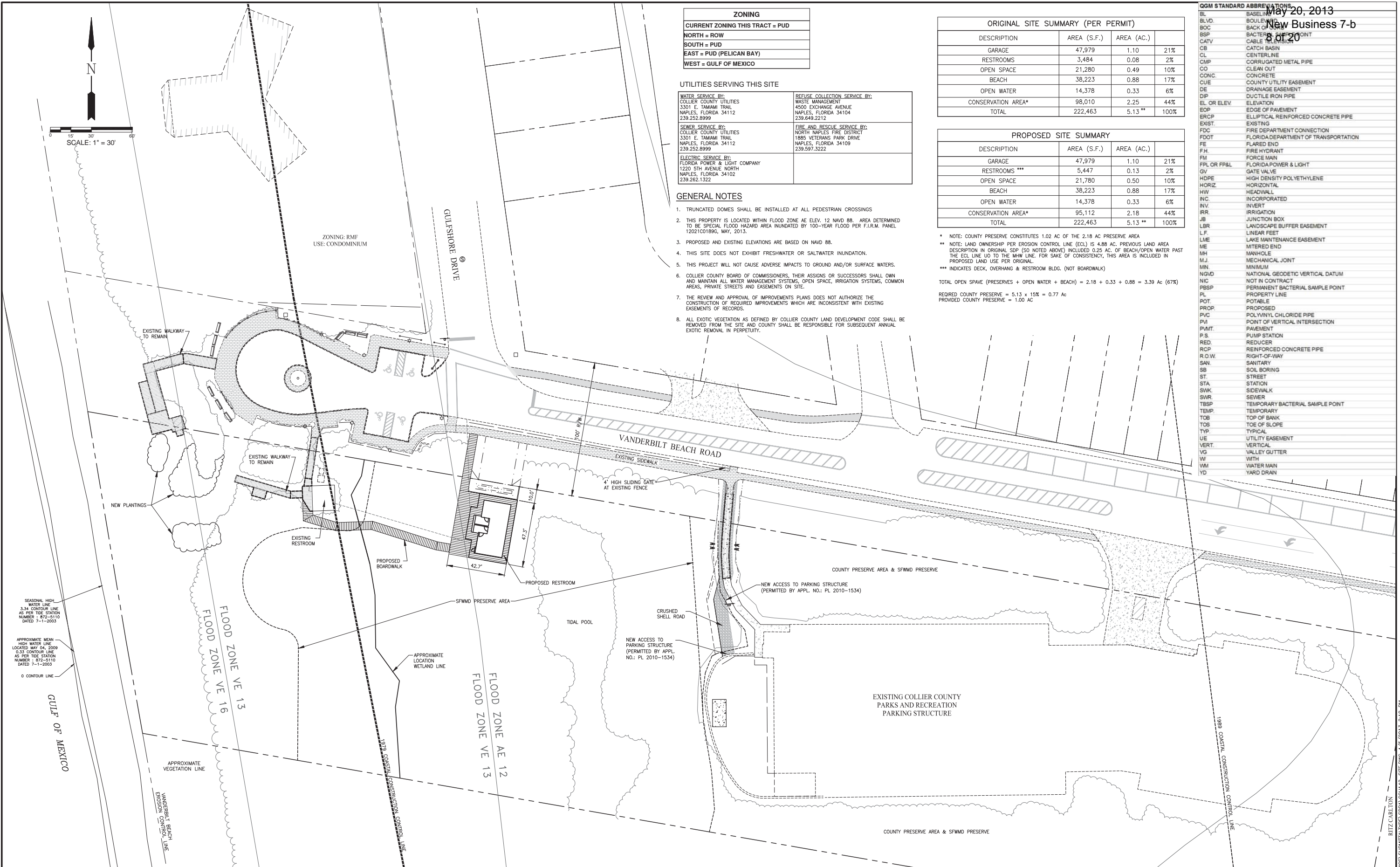
BL	BASELINE
BLVD	BOULEVARD
BOC	BACK OF CURB
BSP	BACTERIAL SAMPLE POINT
CATV	CABLE TELEVISION
CB	CATCH BASIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC.	CONCRETE
CUE	COUNTY UTILITY EASEMENT
DE	DRAINAGE EASEMENT
DIP	DUCTILE IRON PIPE
EL OR ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
EXIST.	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FE	FLARED END
FH	FIRE HYDRANT
FM	FORCE MAIN
FPL OR FPL	FLORIDA POWER & LIGHT
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
HORIZ	HORIZONTAL
HW	HEADWALL
INC.	INCORPORATED
INV	INVERT
IRR	IRRIGATION
JB	JUNCTION BOX
LBR	LANDSCAPE BUFFER EASEMENT
L.F.	LINEAR FEET
LME	LAKE MAINTENANCE EASEMENT
ME	MITERED END
MH	MANHOLE
M.J.	MECHANICAL JOINT
MIN	MINIMUM
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NIC	NOT IN CONTRACT
PBSP	PERMANENT BACTERIAL SAMPLE POINT
PL	PROPERTY LINE
POT	POTABLE
PROP.	PROPOSED
PVC	POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
P.S.	PUMP STATION
RED.	REDUCER
RCP	REINFORCED CONCRETE PIPE
R.O.W.	RIGHT-OF-WAY
SAN	SANITARY
SB	SOIL BORING
ST.	STREET
STA	STATION
SWK	SIDEWALK
SWR	SEWER
TBSP	TEMPORARY BACTERIAL SAMPLE POINT
TEMP	TEMPORARY
T.O.B.	TOP OF BANK
T.O.S.	TOP OF SLOPE
TYP.	TYPICAL
UE	UTILITY EASEMENT
VERT.	VERTICAL
VG	VALLEY GUTTER
W	WITH
WM	WATER MAIN
YD	YARD DRAIN

UTILITIES SERVING THIS SITE

WATER SERVICE BY: COLLIER COUNTY UTILITIES 3301 E. TAMAMI TRAIL NAPLES, FLORIDA 34112 239.252.8999	REFUSE COLLECTION SERVICE BY: WASTE MANAGEMENT 4500 EXCHANGE AVENUE NAPLES, FLORIDA 34104 239.649.2212
SEWER SERVICE BY: COLLIER COUNTY UTILITIES 3301 E. TAMAMI TRAIL NAPLES, FLORIDA 34112 239.252.8999	FIRE AND RESCUE SERVICE BY: NORTH NAPLES FIRE DISTRICT 1885 VETERANS PARK DRIVE NAPLES, FLORIDA 34109 239.597.3222
ELECTRIC SERVICE BY: FLORIDA POWER & LIGHT COMPANY 1220 5TH AVENUE NORTH NAPLES, FLORIDA 34102 239.262.1322	

- GENERAL NOTES**
- TRUNCATED DOMES SHALL BE INSTALLED AT ALL PEDESTRIAN CROSSINGS
 - THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE AE ELEV. 12 NAVD 88. AREA DETERMINED TO BE SPECIAL FLOOD HAZARD AREA INUNDATED BY 100-YEAR FLOOD PER F.I.R.M. PANEL 12021C0189C, MAY, 2013.
 - PROPOSED AND EXISTING ELEVATIONS ARE BASED ON NAVD 88.
 - THIS SITE DOES NOT EXHIBIT FRESHWATER OR SALTWATER INUNDATION.
 - THIS PROJECT WILL NOT CAUSE ADVERSE IMPACTS TO GROUND AND/OR SURFACE WATERS.
 - COLLIER COUNTY BOARD OF COMMISSIONERS, THEIR ASSIGNS OR SUCCESSORS SHALL OWN AND MAINTAIN ALL WATER MANAGEMENT SYSTEMS, OPEN SPACE, IRRIGATION SYSTEMS, COMMON AREAS, PRIVATE STREETS AND EASEMENTS ON SITE.
 - THE REVIEW AND APPROVAL OF IMPROVEMENTS PLANS DOES NOT AUTHORIZE THE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EXISTING EASEMENTS OF RECORDS.
 - ALL EXOTIC VEGETATION AS DEFINED BY COLLIER COUNTY LAND DEVELOPMENT CODE SHALL BE REMOVED FROM THE SITE AND COUNTY SHALL BE RESPONSIBLE FOR SUBSEQUENT ANNUAL EXOTIC REMOVAL IN PERPETUITY.

* NOTE: COUNTY PRESERVE CONSTITUTES 1.02 AC OF THE 2.18 AC PRESERVE AREA
 ** NOTE: LAND OWNERSHIP PER EROSION CONTROL LINE (ECL) IS 4.88 AC. PREVIOUS LAND AREA DESCRIPTION IN ORIGINAL SDP (SO NOTED ABOVE) INCLUDED 0.25 AC. OF BEACH/OPEN WATER PAST THE ECL LINE UP TO THE MHW LINE. FOR SAKE OF CONSISTENCY, THIS AREA IS INCLUDED IN PROPOSED LAND USE PER ORIGINAL.
 *** INDICATES DECK, OVERHANG & RESTROOM BLDG. (NOT BOARDWALK)
 TOTAL OPEN SPAVE (PRESERVES + OPEN WATER + BEACH) = 2.18 + 0.33 + 0.88 = 3.39 Ac (67%)
 REQUIRED COUNTY PRESERVE = 5.13 x 15% = 0.77 Ac
 PROVIDED COUNTY PRESERVE = 1.00 AC



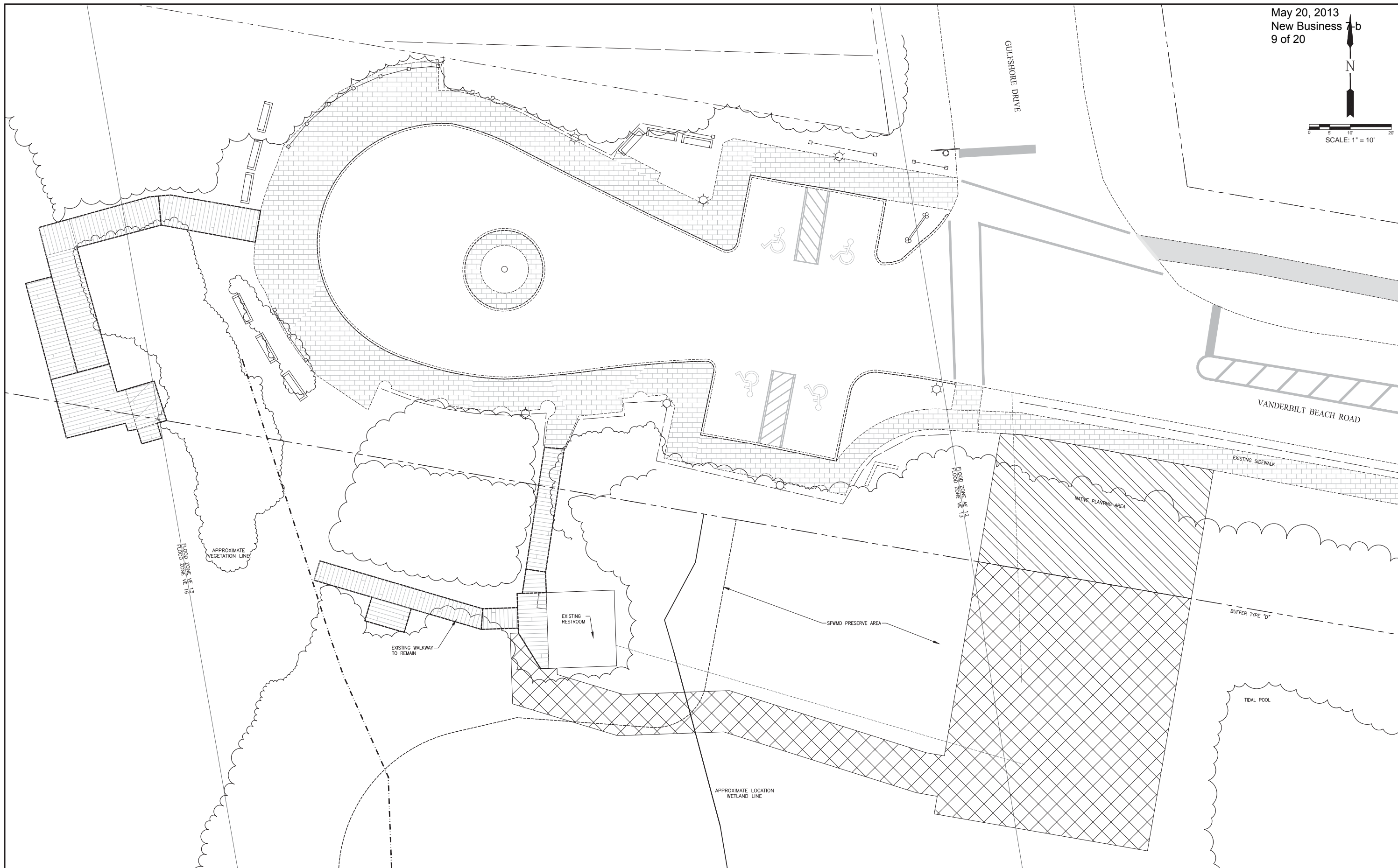
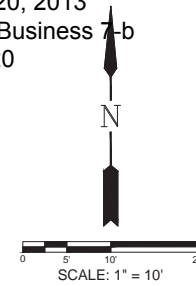
LEGEND

DESIGNED BY:	MJD		
DRAWN BY:	BCB		
APPROVED:	MJD		
JOB CODE:	CCU142		
SCALE:	1" = 30'		
Revision	Date	Description	By



GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 0. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

VANDERBILT BEACH PAVILION
 OVER-ALL SITE PLAN

MUNICIPALITY:
COLLIER COUNTY
SEC./TWN/SH/P/RNG
32/48S/25E
DATE:
MARCH 2013
SUBMITTAL TYPE:
SDPA SUBMITTAL
SHEET 3 OF 10
MICHAEL J. DELATE, P.E.
O. GRADY MINOR & ASSOC., P.A.
3800 VIA DEL REY
BONITA SPRINGS, FL 34134
FLORIDA P.E. LICENSE NO. 49442
EB/LB 0005151



LEGEND

-  AREA TO BE CLEARED WITHIN RIGHT-OF-WAY
-  SITE VEGETATION AREA TO BE CLEARED

Revision	Date	Description

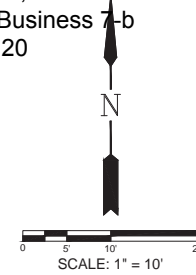
DESIGNED BY: MJD
 DRAWN BY: BCB
 APPROVED: MJD
 JOB CODE: CCU142
 SCALE: 1" = 10'

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 O. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

VANDERBILT BEACH PAVILION
 CLEARING PLAN

MICHAEL J. DELATE, P.E.
 O. GRADY MINOR & ASSOC., P.A.
 3800 VIA DEL REY
 BONITA SPRINGS, FL 34134
 FLORIDA P.E. LICENSE NO. 49442
 EB/LB 0005151

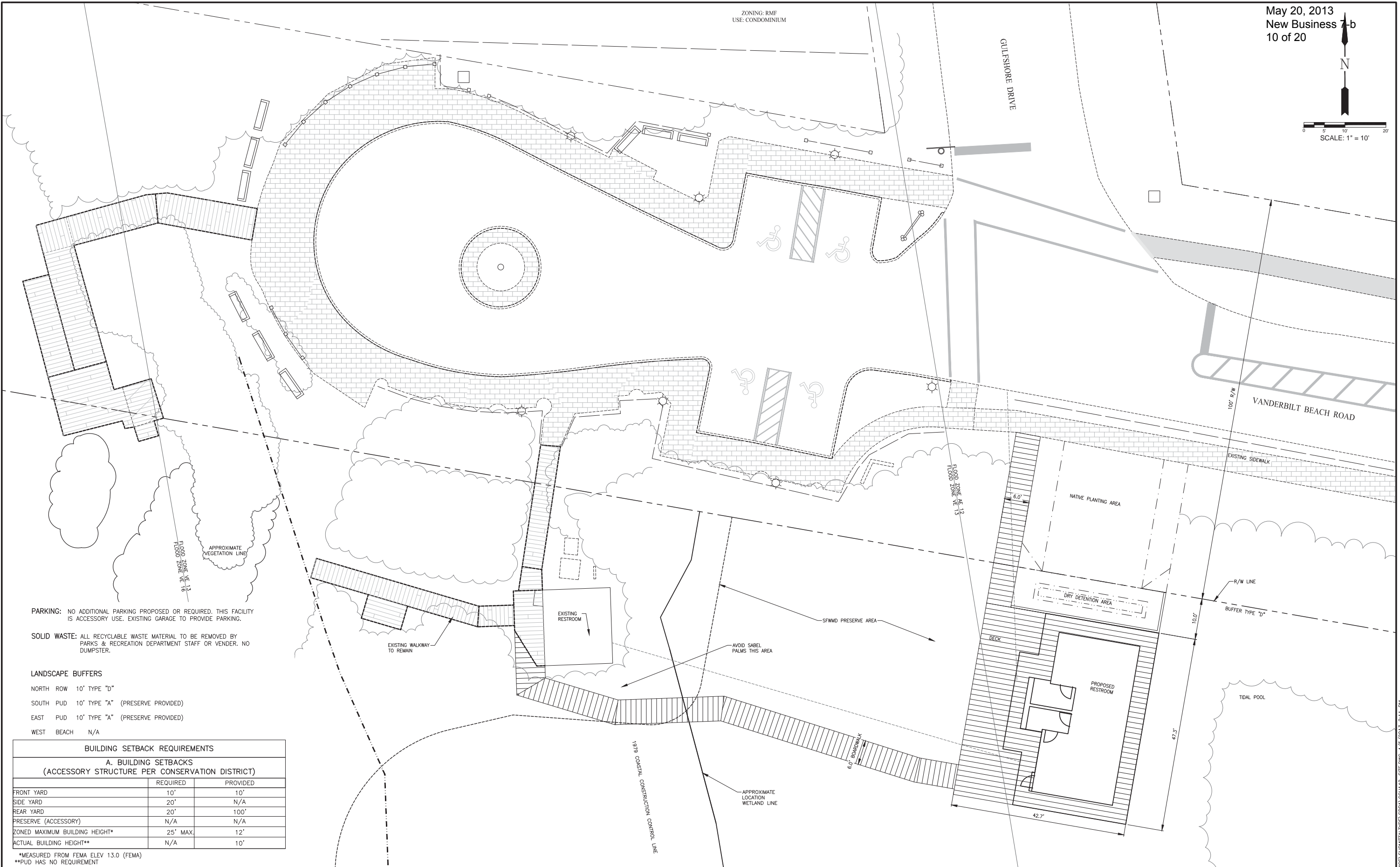
MUNICIPALITY: COLLIER COUNTY
 SEC/TWNSHIP/RNG 32/48S/25E
 DATE: MARCH 2013
 SUBMITTAL TYPE: SFWMD SUBMITTAL
 SHEET 4 OF 10



ZONING: RMF
USE: CONDOMINIUM

GULFSHORE DRIVE

VANDERBILT BEACH ROAD



PARKING: NO ADDITIONAL PARKING PROPOSED OR REQUIRED. THIS FACILITY IS ACCESSORY USE. EXISTING GARAGE TO PROVIDE PARKING.

SOLID WASTE: ALL RECYCLABLE WASTE MATERIAL TO BE REMOVED BY PARKS & RECREATION DEPARTMENT STAFF OR VENDOR. NO DUMPSTER.

LANDSCAPE BUFFERS

- NORTH ROW 10' TYPE "D"
- SOUTH PUD 10' TYPE "A" (PRESERVE PROVIDED)
- EAST PUD 10' TYPE "A" (PRESERVE PROVIDED)
- WEST BEACH N/A

BUILDING SETBACK REQUIREMENTS

A. BUILDING SETBACKS (ACCESSORY STRUCTURE PER CONSERVATION DISTRICT)		
	REQUIRED	PROVIDED
FRONT YARD	10'	10'
SIDE YARD	20'	N/A
REAR YARD	20'	100'
PRESERVE (ACCESSORY)	N/A	N/A
ZONED MAXIMUM BUILDING HEIGHT*	25' MAX	12'
ACTUAL BUILDING HEIGHT**	N/A	10'

*MEASURED FROM FEMA ELEV 13.0 (FEMA)
**PUD HAS NO REQUIREMENT

LEGEND

Revision	Date	Description	By

DESIGNED BY: MJD
DRAWN BY: BCB
APPROVED: MJD
JOB CODE: CCU142
SCALE: 1" = 10'

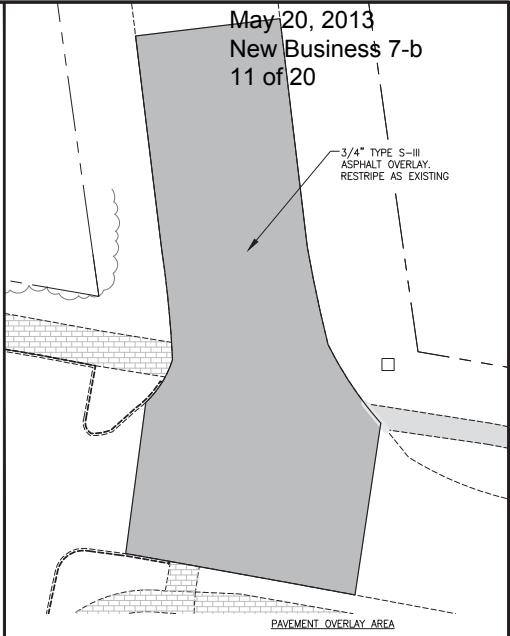
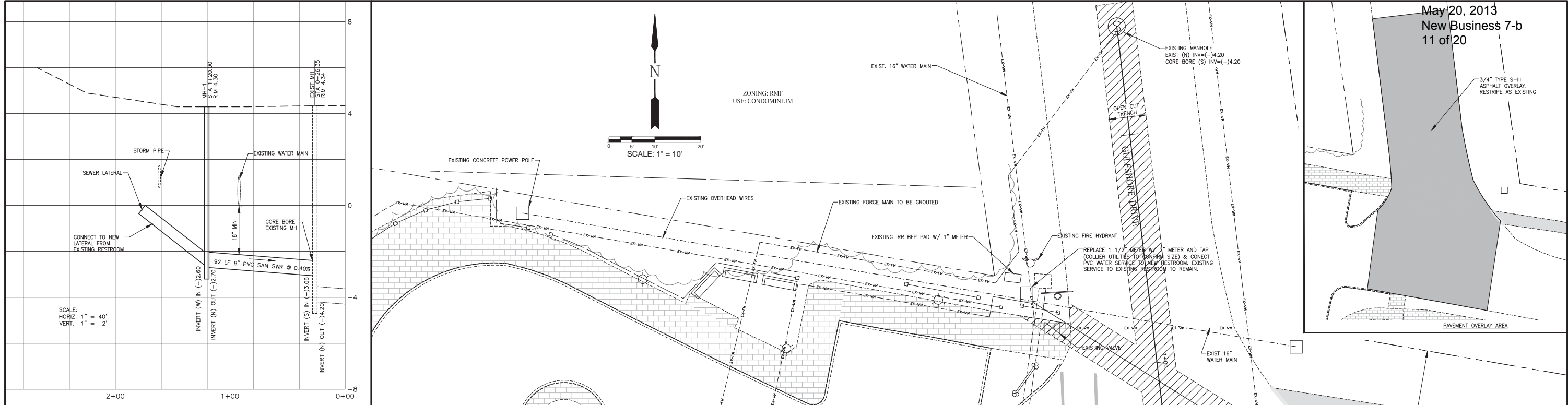
GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
3800 Via Del Rey
Bonita Springs, Florida 34134
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Business LC 26000266
Fort Myers: 239.690.4380
www.GradyMinor.com

VANDERBILT BEACH PAVILION
SITE PLAN

MUNICIPALITY: COLLIER COUNTY
SEC/TWNSHIP/RNG 32/48S/25E
DATE: MARCH 2013
SUBMITTAL TYPE: SDPA SUBMITTAL
SHEET 5 OF 10

MICHAEL J. DELATE, P.E.
C. GRADY MINOR & ASSOC., P.A.
3800 VIA DEL REY
BONITA SPRINGS, FL 34134
FLORIDA P.E. LICENSE NO. 49442
EB/LB 0005151

G:\PROJ-ENG\CCU142\01\DWG\SUBMITTAL\SDPA\CCU142-SITE.DWG 4/5/2013 2:11 PM



COUNTY UTILITY NOTES:

1. THE WATER METER SHALL BE SIZED BY COLLIER COUNTY. METERS 3" OR LARGER SHALL BE INSTALLED BY CONTRACTOR. COUNTY SHALL INSTALL SERVICE LEAD, METER BOX AND METER FOR ALL METERS 2" AND SMALLER.
 2. WATER DISTRIBUTION SYSTEM TO BE OWNED AND MAINTAINED BY COLLIER COUNTY UTILITIES UP TO CUSTOMER SIDE OF WATER METER.
 3. SANITARY SEWER SYSTEM, INCLUDING PUMP STATION, TO BE OWNED AND MAINTAINED BY COLLIER COUNTY PARKS & RECREATION DEPT.
 4. WATER MAINS SHALL BE PVC (AWWA C-900) DR-14, CLASS 200 UNDER PAVEMENT.
 6. GRAVITY SEWER PIPES SHALL BE PVC (ASTM 3034) SDR26.
 7. SANITARY LATERALS ARE 6" DIAMETER AT 1.00% MINIMUM SLOPE.
 8. ANY LANDSCAPE MATERIALS DESTROYED DURING MAINTENANCE OF THE WATER AND/OR SEWER SYSTEMS SHALL BE THE RESPONSIBILITY OF THE OWNER TO REPLACE.
 9. CONTRACTOR SHALL INSTALL 4" 3M ELECTRONIC BALL MARKERS EVERY 200 LF AND AT EACH PIPE ELBOW LOCATION.
 10. COLLIER COUNTY REQUIRES 48 HOURS NOTICE TO BE PRESENT FOR THE FOLLOWING:
 - 1) HOT TAPS TO POTABLE WATER LINES LARGER THAN 6" AND WASTEWATER SYSTEMS LINES GREATER THAN 4"
 - 2) MASTER METER AND BYPASS PIPING.
 - 3) JACK & BORE CASINGS* NA
 - 4) PRESSURE TESTS*
 - 5) INFILTRATION/EXFILTRATION TEST*
 - 6) LIFT STATION INSTALLATION PRIOR TO COVER-UP AND START-UP* N/A
 - 7) LIFT STATION START-UP* NA
 - 8) LAMPING OF SEWER LINES.*
 - 9) PIGGING AND FLUSHING OF WASTEWATER LINES, FORCE MAINS, POTABLE WATER MAINS AND NON-POTABLE IRRIGATION LINES. NOTE: FULL BORE FLUSHING AND PIGGING OF POTABLE WATER LINES NEED ONLY WATER DEPARTMENT INSPECTION.*
 - 10) TELEVISION VIDEO TAPING OF WASTEWATER LINES AT AND OF CONSTRUCTION AND THE WARRANTY PERIOD (IN OFFICE REVIEW)
 - 11) CONNECTIONS TO EXISTING POTABLE WATER, NON-POTABLE IRRIGATION WATER AND WASTEWATER SYSTEMS.*
 - 12) OTHER SPECIAL REQUIREMENTS AS SPECIFIED BY THE COUNTY STAFF AT THE TIME OF CONSTRUCTION DOCUMENT APPROVAL.
 - 13) CHLORINATION OF WATER LINES AND REFRESHING OF LINE AFTER CHLORINATION (NEEDS ONLY WATER DEPARTMENT INSPECTION ONLY)*
 - 14) INSTALLATION OF TEMPORARY METERS/BACKFLOWS.*
 - 15) BACTERIOLOGICAL SAMPLING (NEEDS WATER DEPARTMENT INSPECTION ONLY)*
 - 16) HOT TAPS TO ANY WATER CONCRETE MAINS, PRESSURE TESTS ON LINES 20" AND GREATER, AND CONNECTIONS TO EXISTING POTABLE SYSTEMS GREATER THAN 12" NEED TO BE INSPECTED BY THE WATER DEPARTMENT AND CDES.*
 - 17) FIRE FLOW TESTING NA
- *AN INSPECTOR ON BEHALF OF THE COUNTY OR OTHER QUALIFIED EMPLOYEE OF THE COUNTY MUST BE PRESENT DURING INSPECTIONS MARKED WITH AN ASTERISK.

LEGEND

	OPEN CUT TRENCH
--	-----------------

Revision	Date	Description	By

DESIGNED BY: MJD
 DRAWN BY: BCB
 APPROVED: MJD
 JOB CODE: CCU142
 SCALE: 1" = 10'

GradyMinor
 APPROXIMATE LOCATION WETLAND LINE
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

0. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Business LIC 26000266

VANDERBILT BEACH PAVILION

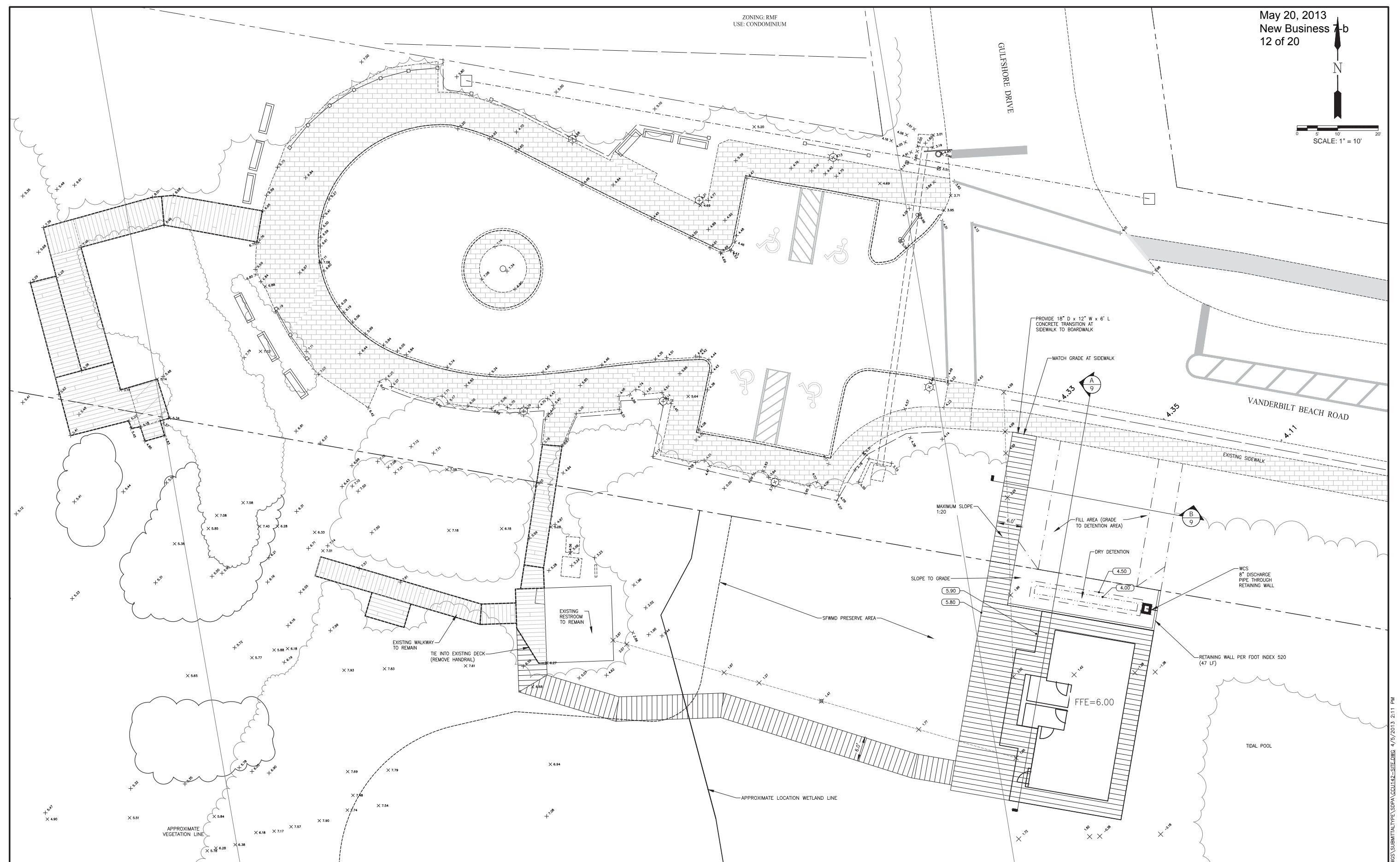
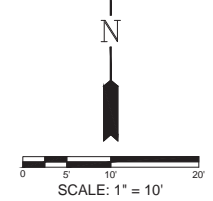
UTILITY PLAN

MUNICIPALITY: COLLIER COUNTY
 SEC/TWNSHIP/RNG 32/48S/25E
 DATE: MARCH 2013
 SUBMITTAL TYPE: SDPA SUBMITTAL
 SHEET 6 OF 10

MICHAEL J. DELATE, P.E.
 C. GRADY MINOR & ASSOC., P.A.
 3800 VIA DEL REY
 BONITA SPRINGS, FL 34134
 FLORIDA P.E. LICENSE NO. 49442
 EB/LB 0005151

ZONING: RMF
USE: CONDOMINIUM

May 20, 2013
New Business 7-b
12 of 20



LEGEND

- ALL ELEVATIONS NAVD '88
- X 1.97 EXISTING ELEVATION
- (4.50) PROPOSED ELEVATION

Revision	Date	Description

DESIGNED BY:	MJD
DRAWN BY:	BCB
APPROVED:	MJD
JOB CODE:	CCU142
SCALE:	1" = 10'

GradyMinor

O. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects

Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

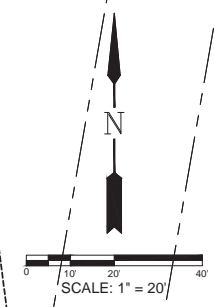
VANDERBILT BEACH PAVILION

GRADING, PAVING, & DRAINAGE PLAN

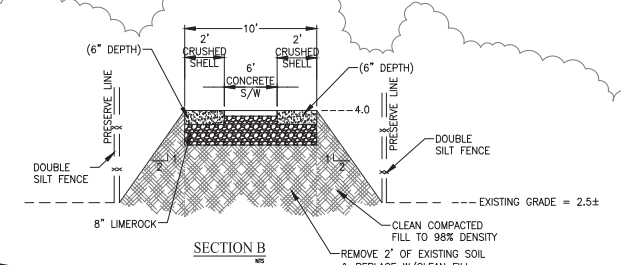
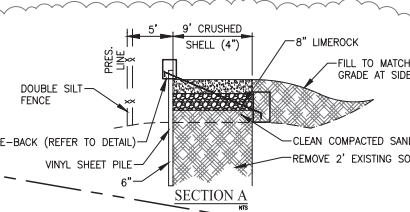
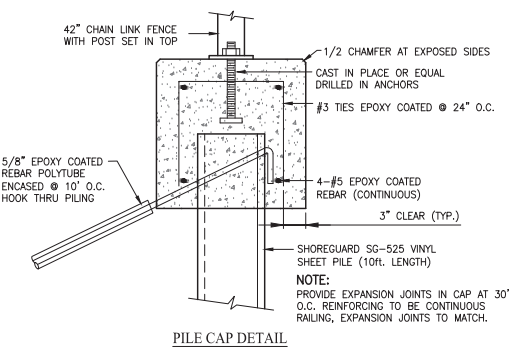
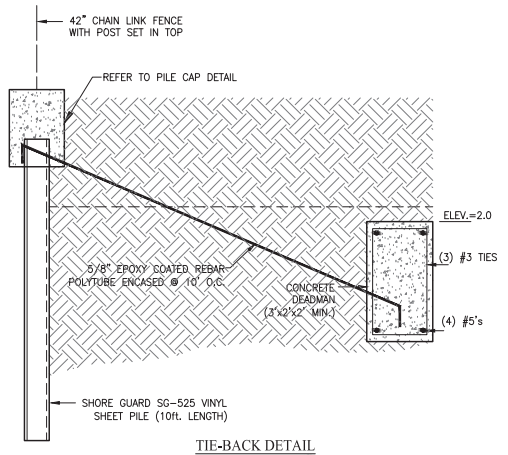
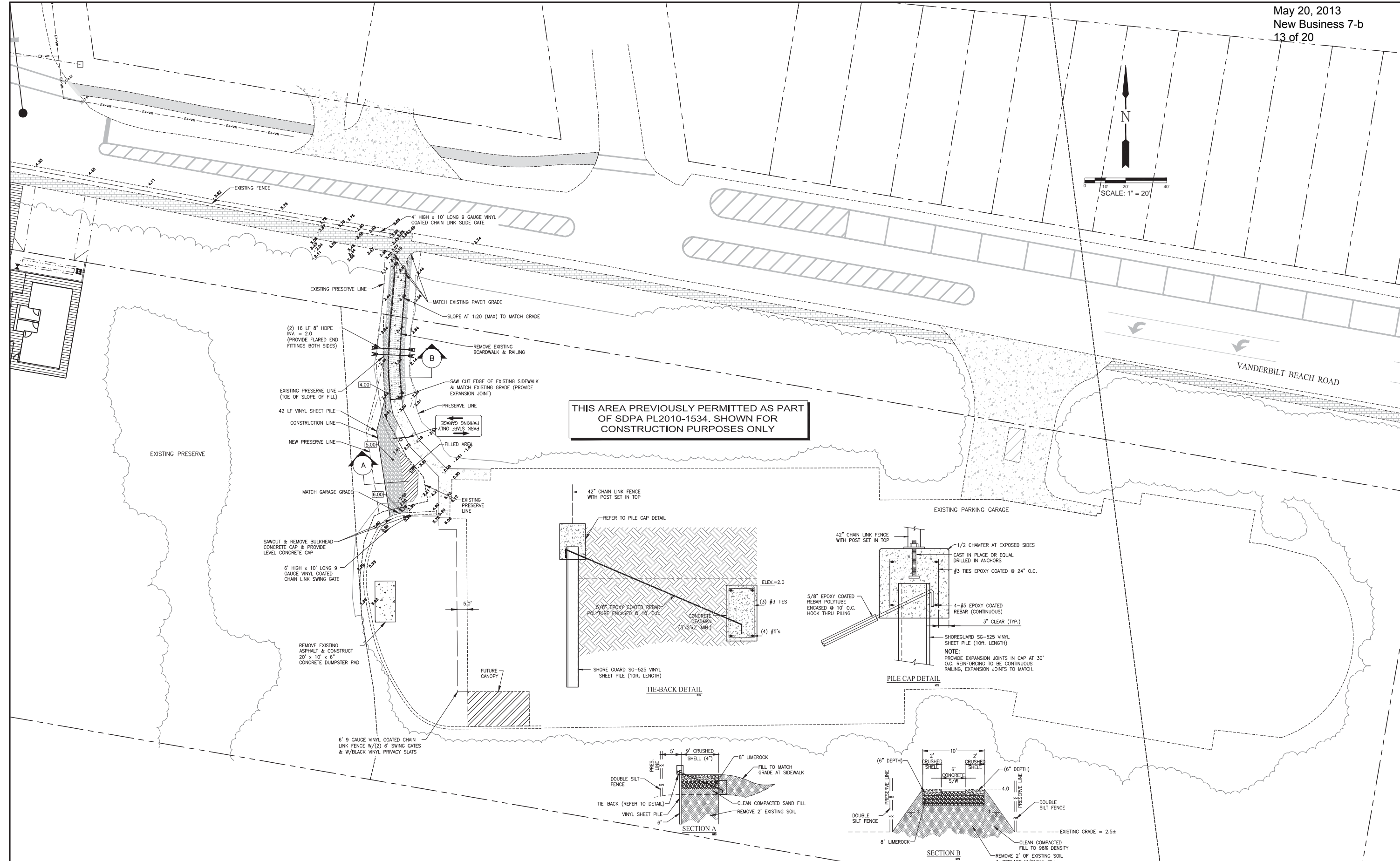
MUNICIPALITY:	COLLIER COUNTY
SEC./TOWNSHIP/RNG	32/48S/25E
DATE:	MARCH 2013
SUBMITTAL TYPE:	SDPA SUBMITTAL
SHEET	7 OF 10

MICHAEL J. DELATE, P.E.
O. GRADY MINOR & ASSOC., P.A.
3800 VIA DEL REY
BONITA SPRINGS, FL 34134
FLORIDA P.E. LICENSE NO. 49442
EB/LB 0005151

G:\PROJ-ENG\CCU142\01\DWG\SUBMITTYPE\SDPA\GULF2-SITE.DWG 4/5/2013 2:11 PM



THIS AREA PREVIOUSLY PERMITTED AS PART OF SDPA PL2010-1534. SHOWN FOR CONSTRUCTION PURPOSES ONLY



LEGEND

	EXISTING GRADE (NAVD 88)		CRUSHED SHELL DRIVEWAY
	PROPOSED GRADE (NAVD 88)		CONCRETE SIDEWALK
	DIRECTION OF RUN-OFF		

Revision	Date	Description	By

DESIGNED BY: MJD
 DRAWN BY: BCB
 APPROVED: MJD
 JOB CODE: CCU142
 SCALE: #####

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

O. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 341134
 Business LC 26000266

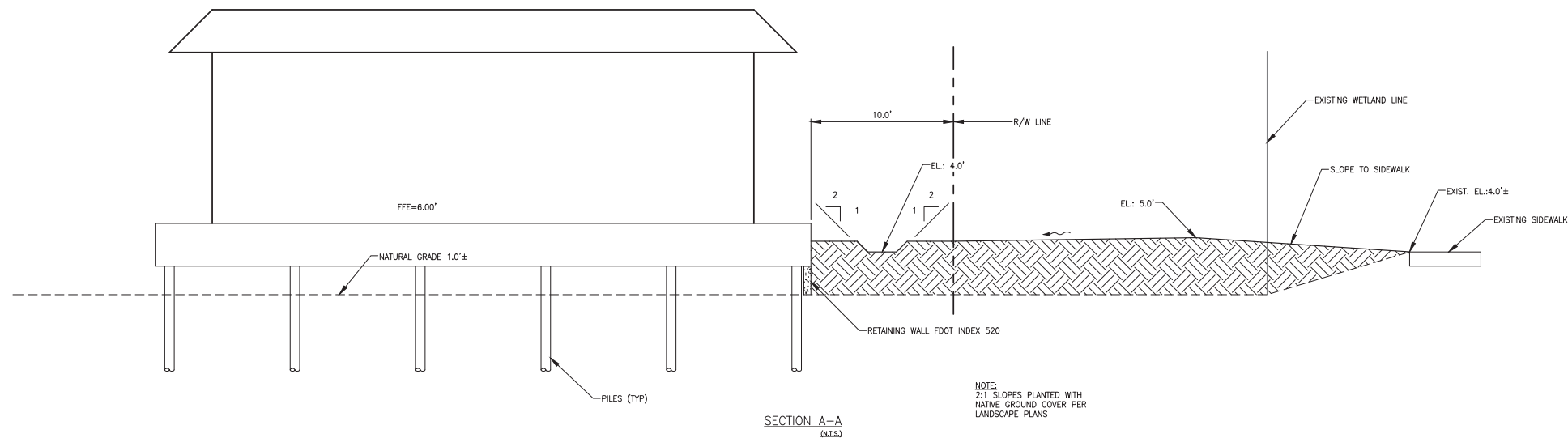
VANDERBILT BEACH PAVILION

GARAGE VEHICLE ACCESS
 GRADING, PAVING & DRAINAGE PLAN
 (PREVIOUSLY APPROVED AS PART OF PL2010-1534)

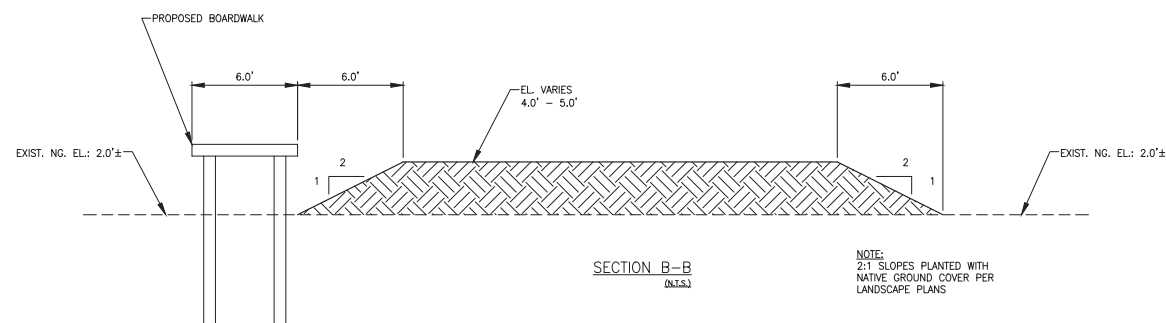
MUNICIPALITY: COLLIER COUNTY
 SEC/TWNSHIP/RNG 32/48S/25E
 DATE: MARCH 2013
 SUBMITTAL TYPE: SDPA SUBMITTAL
 SHEET 8 OF 10

MICHAEL J. DELATE, P.E.
 O. GRADY MINOR & ASSOC., P.A.
 3800 VIA DEL REY
 BONITA SPRINGS, FL 34134
 FLORIDA P.E. LICENSE NO. 49442
 EB/LB 0005151

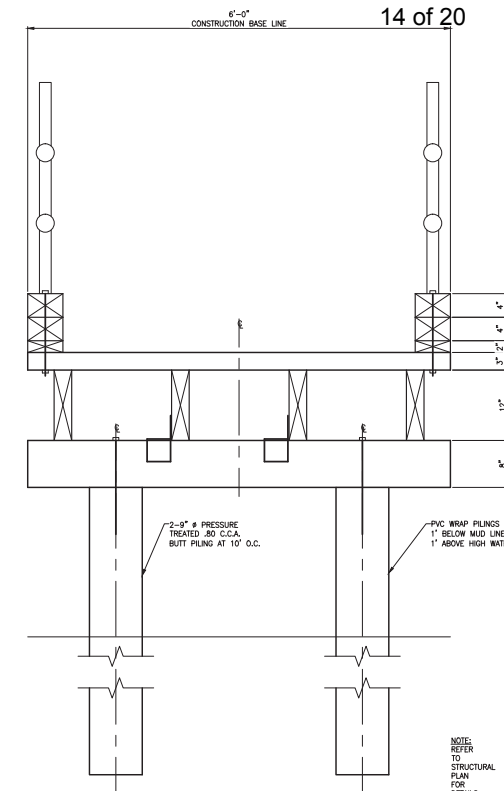
G:\PROJ-ENG\CCU142\01\DWG\SUBMITTAL\SDPA\CCU142-SITE.DWG 4/5/2013 2:11 PM



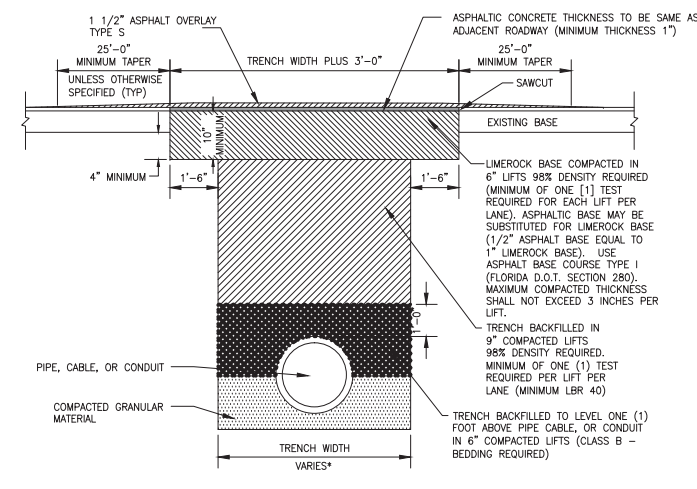
NOTE:
2:1 SLOPES PLANTED WITH
NATIVE GROUND COVER PER
LANDSCAPE PLANS



NOTE:
2:1 SLOPES PLANTED WITH
NATIVE GROUND COVER PER
LANDSCAPE PLANS



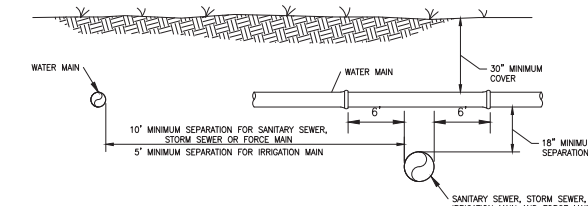
TYPICAL BOARDWALK CROSS SECTION
(N.T.S.)



NOTES:

- ALL MODIFIED PROCTOR AND DENSITY TESTS SHALL BE TAKEN BY A CERTIFIED LABORATORY.
- ALL TESTS SHALL BE COMPLETED AND SHALL MEET MINIMUM DENSITY REQUIREMENTS PRIOR TO ADDITIONAL BACKFILLING.
- RIGHT-OF-WAY PERMIT STIPULATIONS OVERRIDE THIS DETAIL WHERE TRENCH IS LOCATED WITHIN A COUNTY RIGHT-OF-WAY.

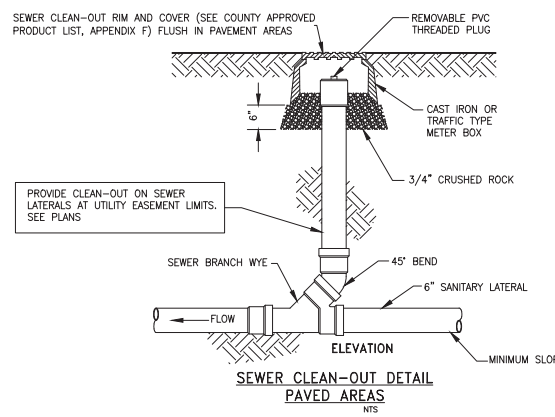
ROAD AND TRENCH RESTORATION FOR LOCAL ROADS
NTS



NOTES:

- WATER MAINS SHALL BE SEPARATED FROM STORM SEWER, SANITARY SEWER, NON-POTABLE IRRIGATION MAINS, AND FORCE MAINS BY A MINIMUM CLEAR VERTICAL DISTANCE OF 18 INCHES MEASURED BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE TOP OF THE LOWER PIPE. THE 18 INCHES MINIMUM VERTICAL SEPARATION DOES NOT APPLY TO SEPARATIONS OF SEWER LATERALS AND POTABLE WATER MAIN PIPELINE INSTALLATIONS. ALSO, WATER MAINS SHALL BE SEPARATED FROM STORM SEWERS, SANITARY SEWER AND FORCE MAINS BY 10 FEET AND FROM IRRIGATION MAINS BY 5 FEET MEASURED HORIZONTALLY BETWEEN OUTSIDE OF PIPES.
- ALL CROSSINGS WITH VERTICAL CLEARANCE LESS THAN 18 INCHES SHALL REQUIRE SUBMISSION AND APPROVAL OF A DEVIATION. IF A DEVIATION IS SUBMITTED, THE FOLLOWING MINIMUM STIPULATIONS APPLY: THE CROSSING SHALL BE MADE USING THICKNESS CLASS 300 RWMA C-900 D114, PVC (CLASS 250 RWMA C-900, DR 18, PVC FOR PIPES GREATER THAN 12" IN DIAMETER) OR DUCTILE IRON, PRESSURE CLASS 250 PIPE FOR A HORIZONTAL DISTANCE OF 10 FEET ON EACH SIDE OF THE CROSSING. WATER MAIN CONCRETE ENCASUREMENT SHALL ONLY BE MADE AFTER WRITTEN APPROVAL OF THE WATER DIRECTOR OR HIS DESIGNEE.
- 18 INCHES CLEAR DISTANCE SHALL NOT BE REDUCED IN CASES WHERE WATER CROSSES UNDER SEWER LINE.
- WATER MAINS, SANITARY SEWER, STORM SEWER, AND NON-POTABLE IRRIGATION MAINS SHALL BE IN SEPARATE TRENCHES.
- WATER MAINS CROSSING ANY TYPE OF SANITARY SEWER, INCLUDING FORCE MAIN, OR STORM SEWER SHALL HAVE THE ONE FULL LENGTH OF WATER MAIN CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THAT THE WATER JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN MEDIUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART 8 OF CHAPTER 62-610, FAC AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART 8 OF CHAPTER 62-610.
- 57 STONE SHALL BE UTILIZED FOR SEPARATION BETWEEN GRAVITY SANITARY SEWER LINES AND STORMWATER LINES.
- SEE SECTION 1- DESIGN CRITERIA, SUBSECTIONS 1.2.3 AND 1.3 FOR ADDITIONAL REQUIREMENTS.

PIPE SEPARATION DETAIL
NTS



SEWER CLEAN-OUT DETAIL PAVED AREAS
NTS

LEGEND

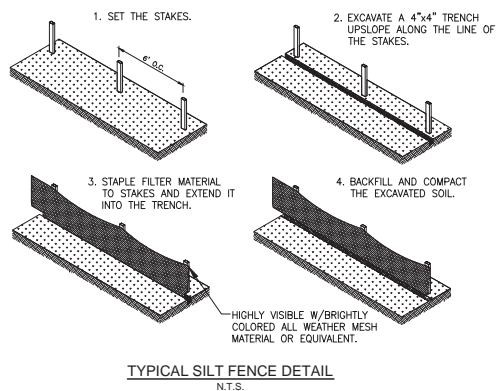
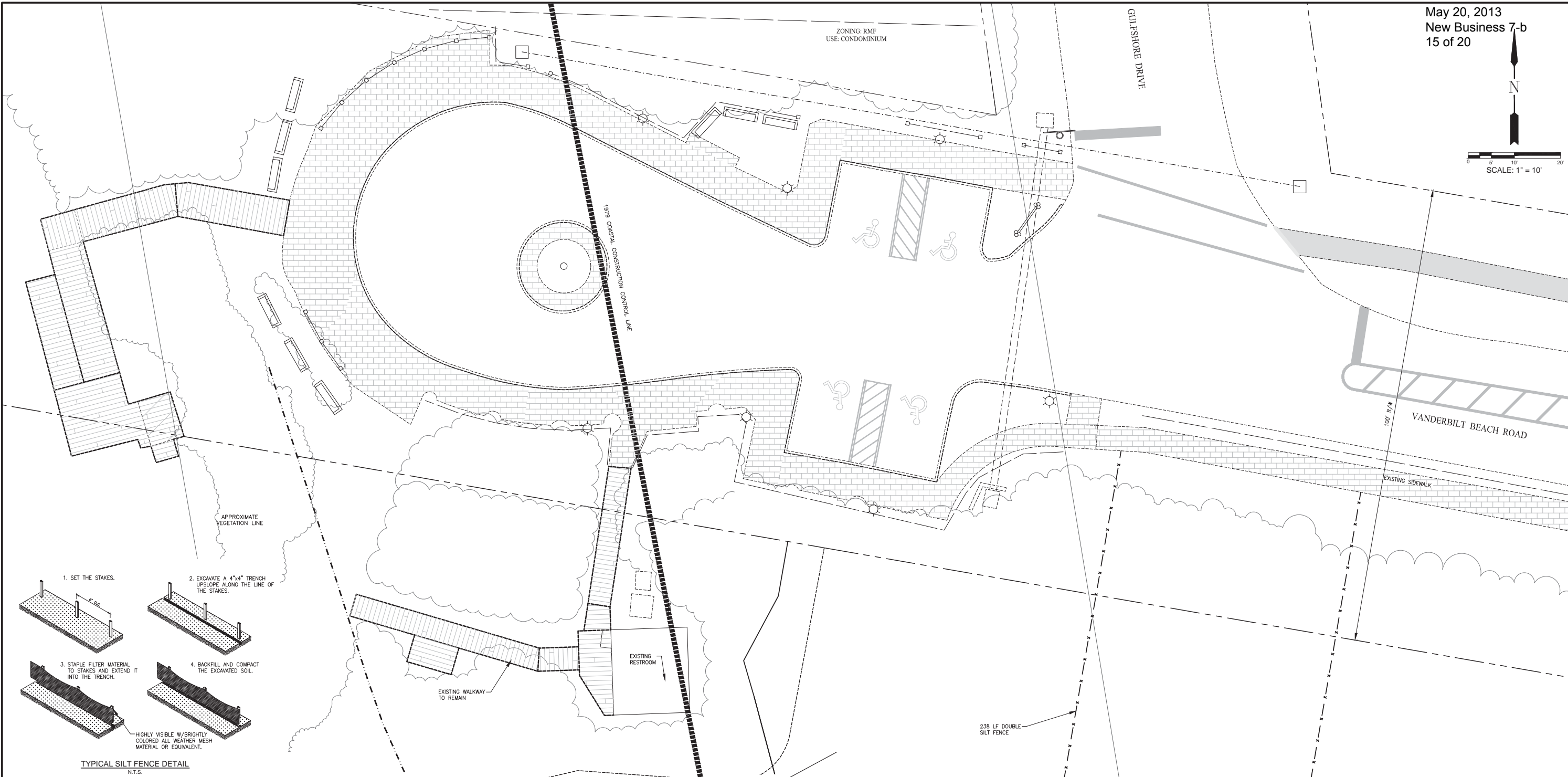
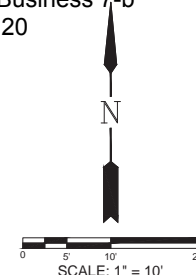
Revision	Date	Description	By

DESIGNED BY:	MJD
DRAWN BY:	BCB
APPROVED:	MJD
JOB CODE:	CCU142
SCALE:	1" = 5'

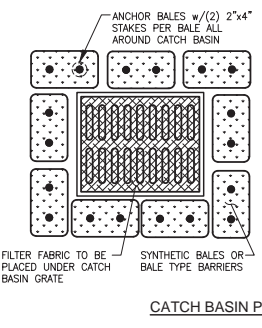
GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

VANDERBILT BEACH PAVILION
SECTIONS AND DETAILS

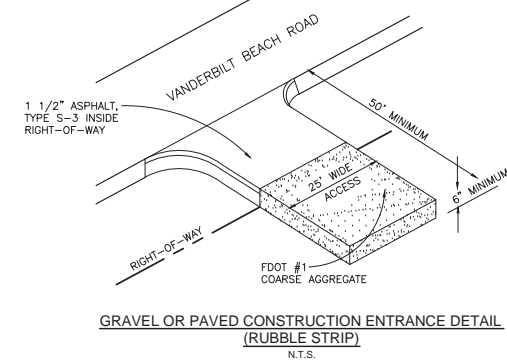
MUNICIPALITY: COLLIER COUNTY
SEC/TWNSHIP/RNG 32/48S/25E
DATE: MARCH 2013
SUBMITTAL TYPE: SDPA SUBMITTAL
SHEET 9 OF 10



- NOTES:**
- 1) CONTRACTOR TO DEMOLISH AND REMOVE ALL IMPROVEMENTS WITHIN LIMITS OF DEMOLITION SHOWN UNLESS OTHERWISE NOTED.
 - 2) CONTRACTOR TO ESTABLISH AND PROPERLY FLAG PROPERTY LINES PRIOR TO DEMOLITION.
 - 3) THE CONTRACTOR SHALL UTILIZE SUITABLE EROSION CONTROL DURING DEMOLITION.
 - 4) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL DEMOLITION DEBRIS OFF OWNERS PROPERTY.
 - 5) THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXISTING UTILITIES WITH THE OWNER OF SAID UTILITY. THIS SHALL INCLUDE WATER, SEWER, GAS, CABLE TV, POWER AND TELEPHONE.
 - 6) THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO DEMOLITION AND WILL BE RESPONSIBLE FOR THE DAMAGE OF ANY ON-SITE OR OFF-SITE UTILITIES THAT ARE NOT A PART OF THIS PROJECT AND ARE NOT IDENTIFIED TO BE REMOVED.
 - 7) REMOVAL OF ASBESTOS CONTAINING MATERIALS (IF ANY) SHALL BE IN ACCORDANCE WITH THE REGULATORY STANDARDS.
 - 8) SILT FENCE TO BE AT PERIMETER OF PRESERVED VEGETATION AND REMAIN IN PLACE FOR DURATION OF CONSTRUCTION.



- NOTES:**
1. BALES SHOULD BE ANCHORED w/2-1"x2" (OR 1" DIA.)x4" WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
 2. RAILS AND POSTS SHALL BE 2"x4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY ENGINEER.
 3. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.
 4. WHERE USED IN CONJUNCTION w/SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.



LEGEND

Revision	Date	Description	By

DESIGNED BY: MJD
DRAWN BY: BCB
APPROVED: MJD
JOB CODE: CCU142
SCALE: 1" = 10'

GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

O. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134
Business LC 26000266

VANDERBILT BEACH PAVILION
EROSION CONTROL PLAN

MUNICIPALITY: COLLIER COUNTY
SEC/TWNSHIP/RNG 32/48S/25E
DATE: MARCH 2013
SUBMITTAL TYPE: SDPA SUBMITTAL
SHEET 10 OF 10

MICHAEL J. DELATE, P.E.
O. GRADY MINOR & ASSOC., P.A.
3800 VIA DEL REY
BONITA SPRINGS, FL 34134
FLORIDA P.E. LICENSE NO. 49442
EB/LB 0005151

OVERVIEW

GOPHER TORTOISES (*GOPHERUS POLYPHEMUS*) BURROWS ARE PRESENT IN THE COASTAL DUNE HABITAT PORTVANDERBILT BEACH GARAGE AND RESTROOM

PRESERVE MANAGEMENT PLAN (REVISED)

AUGUST 11, 2011

THE PRESERVE IS LOCATED AROUND THE PERIMETER OF THE EXISTING PARKING GARAGE. RED MANGROVES WITH SCATTERED BLACK AND WHITE MANGROVES COMPRISE THE DOMINANT VEGETATION. THERE IS DRAINAGE INTO AND A TIDAL CONNECTION WITH THE PELICAN BAY SYSTEM IN DRAINAGE SYSTEM. THIS MANAGEMENT PLAN IS AN UPDATE TO THE ORIGINAL PLAN PREPARED WHEN THE PRESERVE AREA WAS ESTABLISHED AS A PART OF THE CONSTRUCTION OF THE PARKING GARAGE. THE REVISED PLAN UPDATES THE ORIGINAL DOCUMENT AND BRINGS IT INTO COMPLIANCE WITH THE CRITERIA FOR PRESERVE MANAGEMENT PLANS REQUIRED IN THE COUNTY'S LAND DEVELOPMENT CODE (LDC) CHAPTER 3.05.07.H.I.G.I.G AS OF THE DATE THIS PLAN WAS PREPARED.

GENERAL MAINTENANCE

THE PRESERVE SHALL BE MAINTAINED IN ITS NATURAL STATE AND WILL BE KEPT FREE OF REFUSE AND DEBRIS.

EXOTIC VEGETATION REMOVAL, NON-NATIVE VEGETATION, AND NUISANCE OR INVASIVE PLANT CONTROL

SINCE DESIGNATION OF THE PRESERVE AREA, CATEGORY I EXOTIC VEGETATION HAS BEEN REMOVED AND THERE HAS BEEN PERIODIC MAINTENANCE PERFORMED TO CONTROL NEW EXOTIC VEGETATION THAT RECRUITS INTO THE PRESERVE AREA. PERIODIC MAINTENANCE (YEARLY OR MORE FREQUENTLY WHEN REQUIRED) WILL CONTINUE SO THAT THE PRESERVE AREA IS KEPT FREE OF EXOTIC VEGETATION USING THE CRITERIA SPECIFIED IN 3.05.07.H.I.G.I.G COLLIER COUNTY LDC. NUISANCE OR INVASIVE PLANTS AND NON-NATIVE ORNAMENTAL VEGETATION SHALL BE ERADICATED FROM ALL PRESERVES.

DESIGNATION OF A PRESERVE MANAGER

THE PRESERVE MANAGER SHALL BE RESPONSIBLE FOR PROVIDING THE DEVELOPER/PROPERTY OWNER WITH TECHNICAL ASSISTANCE REGARDING MANAGEMENT NEEDS FOR THE PRESERVE AND COMPLIANCE WITH THE PRESERVE MANAGEMENT PLAN AND MEET THE ACADEMIC CREDENTIALS SPECIFIED IN 3.05.07.H.I.G.I.G OF THE LDC. CHANGES IN THE PRESERVE MANAGER HIRED TO MANAGE THE PRESERVE SHALL BE DOCUMENTED IN THE MONITORING REPORT FOR THE PRESERVE.

THE PRESERVE MANAGER DESIGNATED FOR THIS PRESERVE SHALL BE

PAMELA KEYS

COASTAL ZONE MANAGEMENT

3301 E. TAMiami TRAIL

W. HARMON TURNER BLDG.

SUITE 103

NAPLES, FL 34112

WILDLIFE HABITAT MANAGEMENT

THE MANGROVE HABITAT COMPRISING THE PRESERVE AREA, EXCEPT FOR THE ONGOING REMOVAL OF EXOTIC VEGETATION, DOES NOT REQUIRE ADDITIONAL MANAGEMENT WITH REGARDS TO THE SPECIES UTILIZING THIS HABITAT TYPE. THERE ARE NO PROTECTED SPECIES THAT HAVE BEEN IDENTIFIED AS USING THE PRESERVE AREA.

FIRE MANAGEMENT

THE PRESERVE AREA HABITAT DOES NOT REQUIRE SPECIAL PRACTICES TO CONTROL FIRE OR TO MAINTAIN SPECIES DIVERSITY.

PROTECTION DURING CONSTRUCTION AND SIGNAGE AFTER CONSTRUCTION

PROTECTION OF THE PRESERVE AREA DURING CONSTRUCTION OF THE PARKING GARAGE WAS ADDRESSED IN THE CONSTRUCTION PLANS. THE NEW CONSTRUCTION THAT TRIGGERED THE UPDATE OF THIS PLAN IS NOT ADJACENT TO NOR WILL IT IMPACT THE EXISTING PRESERVE AREA. NEW SIGNAGE IDENTIFYING THE PRESERVE BOUNDARY AND NOTING THAT THE POSTED AREA IS PROTECTED SHALL BE INSTALLED BY THE END OF CONSTRUCTION.

MONITORING FOR PRESERVES RECEIVING TREATED STORMWATER

THE PRESERVE AREA DOES NOT RECEIVE TREATED STORMWATER.

INSPECTIONS AND MONITORING

THE COUNTY'S PRESERVE MANAGER SHALL PROVIDE FOR INSPECTIONS OF THE PRESERVE ON AN ANNUAL BASIS, AT A MINIMUM, OR MORE FREQUENTLY WHEN REQUIRED TO ENSURE THE PRESERVE FUNCTIONS AS INTENDED. THE RESULTS OF THE INSPECTIONS, AND RECOMMENDATIONS OF THE PRESERVE MANAGER, MUST BE INCLUDED IN A MONITORING REPORT ON AN ANNUAL BASIS, AT A MINIMUM. THE COUNTY OR ITS DESIGNEE SHALL RETAIN COPIES OF THE FIVE MOST RECENT YEARS OF MONITORING REPORTS AND MAKE THEM AVAILABLE UPON REQUEST.

PRESERVE SITE PLAN

[INSERT FLUCCS MAP]

ON OF THE COUNTY'S PROPERTY. THE PURPOSE OF THIS MANAGEMENT PLAN IS TO PROVIDE GUIDANCE ON HOW GOPHER TORTOISES WILL BE PROTECTED DURING CONSTRUCTION AND THEIR HABITAT WILL BE PROTECTED AFTER CONSTRUCTION IS COMPLETED.

GOPHER TORTOISE SURVEY

THE EXHIBIT SHOWS THE LOCATIONS OF GOPHER TORTOISE BURROWS BASED ON SURVEYS CONDUCTED IN NOVEMBER 23, 2010. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AN UPDATED SURVEY WILL BE CONDUCTED AND A PERMIT WILL BE OBTAINED FROM THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWCC) TO RELOCATE ANY TORTOISES LIVING WITHIN THE PROPOSED PROJECT SITE TO SUITABLE ON-SITE HABITAT.

HABITAT MANAGEMENT

ONCE THE NEW PROJECT IS CONSTRUCTED, THE REMAINING COASTAL DUNE HABITAT SUITABLE FOR GOPHER TORTOISES WILL BE MAINTAINED AS GOPHER TORTOISE PRESERVE AREA.

UNDER THE TERMS OF THE FWCC GOPHER TORTOISE PERMIT, ANY TORTOISES THAT MUST BE RELOCATED WILL BE MOVED BY ONE OF THE FWCC'S APPROVED RELOCATION METHODS. THE RELOCATION METHOD CHOSEN WILL BE DETERMINED BASED ON THE NUMBER AND LOCATION OF BURROWS TO BE EXCAVATED. IF REQUIRED BY THE FWCC AND/OR COLLIER COUNTY SHALL PROVIDE SUPPLEMENTAL PLANTINGS.

IN ORDER TO PRECLUDE TORTOISES THAT MUST BE RELOCATED FROM RETURNING TO THEIR BURROWS, TEMPORARY INSTALLATION OF FILTER FABRIC (SILT FENCING) OR OTHER COMPARABLE FENCING (BURIED AT LEAST EIGHT INCHES DEEP) WILL BE PLACED ALONG THE OUTER EDGE OF THE CONSTRUCTION SITE TO BLOCK TORTOISE RE-ENTRY INTO THE AREA OF DISTURBANCE ON THE PROJECT SITE DURING CONSTRUCTION ACTIVITIES. THIS TEMPORARY EXCLUSION FENCING WILL BE REMOVED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.

INSPECTIONS AND MONITORING

ANNUALLY, THE GOPHER TORTOISE MANAGER WILL INSPECT THE PRESERVE AREA FOR EXOTIC PLANTS AND ARRANGE FOR THEIR REMOVAL. THIS PLAN WILL ALSO INCORPORATE, BY REFERENCE, ALL PERMIT CONDITIONS CONTAINED WITHIN THE FWCC GOPHER TORTOISE PERMIT.

GOPHER TORTOISE MANAGER

THE PERSON IDENTIFIED AS THE BEING RESPONSIBLE FOR THE INITIAL AND ANNUAL PROTECTION AND OR MANAGEMENT OF THE TORTOISES AND THE PRESERVE AREA IS

MAURA KRAUS
COLLIER COUNTY PARKS AND RECREATION
1500 LIVINGSTON RD
NAPLES, FL 34109

PROCESS FOR PERMITTING

1. STAKE OUT CONSTRUCTION SITE
2. 100% SURVEY 90 DAYS BEFORE COMMENCING CONSTRUCTION (7/1/2012 = 4/1/2012 TO START PROCESS) CONFIRM THIS WILL BE ENOUGH TIME TO PERMIT FROM FWCC
3. PERMITTING
4. FENCE
5. EXCAVATE AND MOVE
6. REMOVE FENCING AT END OF CONSTRUCTION

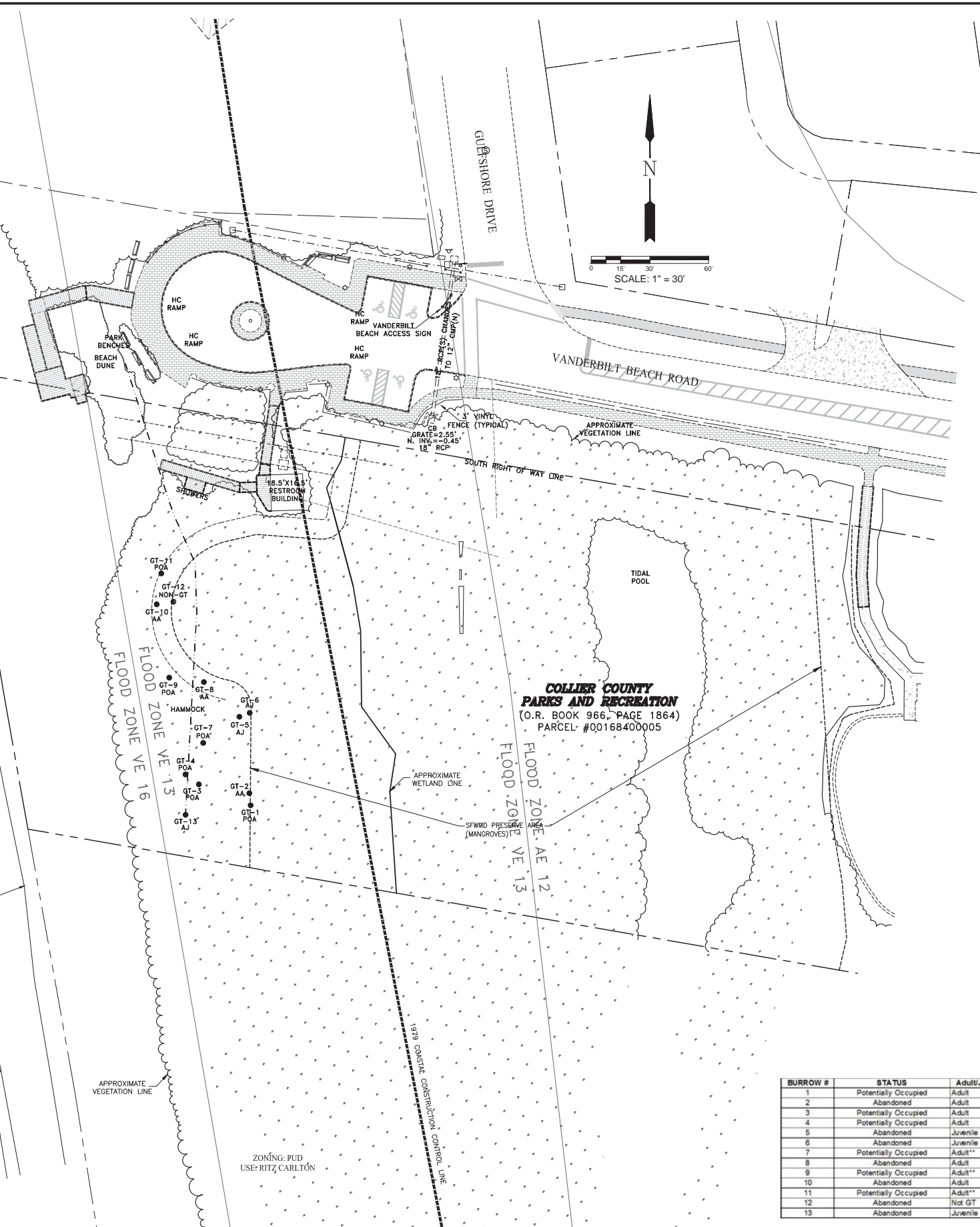
3.0202 - SPECIES SPECIFIC REQUIREMENTS

WILDLIFE HABITAT MANAGEMENT PLANS FOR LISTED SPECIES SHALL BE SUBMITTED FOR COUNTY APPROVAL. A PLAN SHALL BE REQUIRED FOR ALL PROJECTS WHERE THE WILDLIFE SURVEY INDICATED LISTED SPECIES ARE UTILIZING THE SITE (OTHER THAN FOR OCCASIONAL USE BY NON-RESIDENT SPECIES SUCH AS WADING BIRDS) OR IS REQUIRED BY STATE AND FEDERAL PERMIT REQUIREMENTS. THESE PLANS SHALL DESCRIBE HOW THE PROJECT DIRECTLY AND INDIRECTLY AFFECTS THE SPECIES AND THEIR HABITATS. THE COUNTY SHALL CONSULT WITH APPLICABLE DRP POLICIES, CONSIDER AND FOLLOW RECOMMENDATIONS AND LETTERS OF TECHNICAL ASSISTANCE FROM THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION AND RECOMMENDATIONS FROM THE US FISH AND WILDLIFE SERVICE IN BINDING DEVELOPMENT ORDERS ON PROPERTY CONTAINING LISTED SPECIES. IT IS RECOGNIZED THAT THESE AGENCY RECOMMENDATIONS, ON A CASE BY CASE BASIS, MAY CHANGE THE REQUIREMENTS CONTAINED WITH THESE WILDLIFE PROTECTION POLICIES AND SUCH CHANGE SHALL BE DEEMED CONSISTENT WITH THE GROWTH MANAGEMENT PLAN. THE FOLLOWING SPECIFIC SPECIES MANAGEMENT AND PROTECTION PLANS SHALL BE APPLICABLE, IN ADDITION:

ON TO THOSE REQUIRED BY OTHER PROVISIONS IN THIS SECTION 3.0202:

- A. GOPHER TORTOISE (*GOPHERUS POLYPHEMUS*)
 1. ALL NATIVE HABITATS OCCUPIED BY GOPHER TORTOISES AND THE ASSOCIATED LISTED COMMENSAL ARE HEREBY PROTECTED.
 2. IT IS EXPRESSLY PROHIBITED TO TAKE, WHICH MEANS TO HARASS, HARM, HUNT, SHOOT, WOUND, HILL, TRAP, CAPTURE, COLLECT, MOLEST, PURSUE, OR ATTEMPT TO ENGAGE IN ANY SUCH CONDUCT, ANY GOPHER TORTOISE, AND TO ALTER, DESTROY, OR DEGRADE THE FUNCTIONS AND VALUES OF THEIR BURROWS OR HABITAT, UNLESS OTHERWISE PROVIDED FOR BY THIS SECTION.
 3. ALL GOPHER TORTOISE BURROWS ARE PROTECTED, AND IT IS PROHIBITED TO INTENTIONALLY DESTROY OR TAKE ANY SUCH BURROW BY ANY MEANS, UNLESS OTHERWISE PROVIDED FOR IN THIS SECTION.
 4. RELOCATION SHALL BE PERMITTED AND EXECUTED ACCORDING TO FWCC GOPHER TORTOISE PERMITTING GUIDELINES.
 5. WHEN GOPHER TORTOISES ARE IDENTIFIED ON-SITE, A HABITAT PROTECTION AND/OR MANAGEMENT PLAN OR OFF-SITE RELOCATION PLAN, AS PREPARED BY A FWCC PERMITTED AUTHORIZED GOPHER TORTOISE RELOCATION AGENT, SHALL BE SUBMITTED TO THE COUNTY MANAGER OR DESIGNEE FOR REVIEW AND APPROVAL.
 6. THE ON-SITE HABITAT PROTECTION AND/OR MANAGEMENT PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS:
 - A. A GOPHER TORTOISE SURVEY NO MORE THAN 6 MONTHS OLD OR WITHIN THE TIME FRAME RECOMMENDED BY THE FWCC, WHICH MAY BE FIELD-VERIFIED BY THE COUNTY MANAGER OR DESIGNEE.
 - B. A PROPOSAL FOR EITHER MAINTAINING THE HABITAT FOR THE POPULATION ON SITE OR RELOCATING THE EXISTING POPULATION TO A GOPHER TORTOISE RECIPIENT SITE PERMITTED BY THE FWCC.
 - C. IF PREPARED ON SITE, A SITE PLAN IDENTIFYING THE BOUNDARIES OF THE GOPHER TORTOISE PRESERVE.
 - D. THE METHOD OF RELOCATION IF NECESSARY.
 - E. THE PROPOSED SUPPLEMENTAL PLANTINGS, IF NEEDED.
 - F. DETAILS OF THE CONSTRUCTION AND MAINTENANCE OF GOPHER TORTOISE PRESERVE FENCING TO PROTECT TORTOISES DURING CONSTRUCTION.
 - G. AN ANNUAL MAINTENANCE PLAN DESCRIBING EXOTIC REMOVAL AND WEEDS/TREE MANAGEMENT.
 - H. IDENTIFICATION OF PERSONS RESPONSIBLE FOR THE INITIAL AND ANNUAL PROTECTION AND/OR MANAGEMENT OF THE TORTOISES AND THE PRESERVE AREA. SUITABLE GOPHER TORTOISE HABITAT AND MAXIMUM ALLOWABLE DENSITY OF GOPHER TORTOISES SHALL BE IN ACCORDANCE WITH THE PARAMETERS IDENTIFIED IN GOPHER TORTOISE MANAGEMENT PLAN AND GOPHER TORTOISE PERMITTING GUIDELINES UTILIZED BY THE FWCC. SUITABLE GOPHER TORTOISE HABITAT PRESERVED ON SITE SHALL BE DESIGNATED ON THE SITE PLAN AT THE TIME PRESERVES ARE ESTABLISHED AND SHALL BE CREDITED TO THE PRESERVATION REQUIREMENT AS SPECIFIED IN SECTION 3.0202.
 - I. HABITAT MANAGEMENT AND MONITORING TO ENSURE HABITAT WITHIN THE PRESERVE IS MAINTAINED IN ACCORDANCE WITH THE PARAMETERS IDENTIFIED IN GOPHER TORTOISE MANAGEMENT PLAN AND GOPHER TORTOISE PERMITTING GUIDELINES UTILIZED BY THE FWCC.
 - J. METHODS IDENTIFIED TO PROTECT TORTOISES FROM ROADWAYS, DOMESTIC ANIMALS, OR OTHER POSSIBLE DANGERS, IF NEEDED.
7. WHEN IDENTIFYING THE MAIN VEGETATION PRESERVATION REQUIREMENT OF SECTION 3.0202 FOR PARCELS CONTAINING GOPHER TORTOISES, PRIORITY SHALL BE GIVEN TO PROTECTING THE LARGEST, MOST CONTIGUOUS GOPHER TORTOISE HABITAT WITH THE GREATEST NUMBER OF ACTIVE BURROWS, AND FOR PROVIDING A CONNECTION TO OTHER ADJACENT GOPHER TORTOISE PRESERVES. IT SHALL BE A PRIORITY TO PRESERVE SCRUB HABITAT, WHEN IT EXISTS, FOR FIRE RESISTANT QUALITIES AND FOR BEING ONE OF THE MOST ENGINEERED HABITATS IN THE COUNTY, REGARDLESS OF WHETHER GOPHER TORTOISES ARE RELOCATED OFF-SITE.
8. ALL GOPHER TORTOISES SHALL BE CAPTURED AND RELOCATED FROM WITHIN THE DEVELOPMENT FOOTPRINT PRIOR TO ANY SITE IMPROVEMENT, IN ACCORDANCE WITH FWCC GUIDELINES AND THE PROTECTION MANAGEMENT PLAN APPROVED BY COUNTY MANAGER OR DESIGNEE. HIGH DENSITIES OF HATCHLING AND JUVENILE TORTOISES ARE OFTEN FOUND IN THESE TRACTS OF LOW VEGETATION IN HABITAT WHERE EXISTING GOPHER TORTOISES AND THEIR BURROWS ARE LOCATED. IN AREAS WHERE RELOCATION OF GOPHER TORTOISES IS REQUIRED, THE LOCATION OF THESE TRACTS SHALL BE IDENTIFIED IN THE PRESERVE MANAGEMENT PLAN AND GOPHER TORTOISE PERMITTING GUIDELINES UTILIZED BY THE FWCC.
9. BIRD TURTLE PROTECTION:
 1. THE PURPOSE OF THIS SECTION IS TO PROTECT THE THREATENED AND ENDANGERED SEA TURTLES THAT NEST ALONG THE BEACHES OF THE COUNTY, BY SAFEGUARDING SEA TURTLE HATCHINGS FROM SOURCES OF ARTIFICIAL LIGHT, AND ADULT AND HATCHLING SEA TURTLES FROM INJURY OR HARASSMENT. THE COUNTY SHALL ADHERE TO STATE AND FEDERAL GUIDELINES FOR THE PROTECTION OF SEA TURTLES.
 2. THE REQUIREMENTS OF THIS SECTION APPLY WHEN DEVELOPMENT OR LIGHTING ASSOCIATED WITH DEVELOPMENT IS LOCATED WITHIN 300 FEET OF COASTAL MEAN-HIGH WATER WHEN PARKING LOTS, DUNE WALKWAYS, OR OTHER OUTDOOR LIGHTINGS ARE PROPOSED; AND WHEN REFLECTIVE SURFACES THAT WILL BE ILLUMINATED BY OUTDOOR LIGHTING WILL BE VISIBLE FROM THE BEACH.
 - A. OUTDOOR LIGHTING SHALL BE HELD TO THE MINIMUM NECESSARY FOR SECURITY AND SAFETY, FLOODLIGHTS AND LANDSCAPE OR ACCENT LIGHTING SHALL BE PROHIBITED.
 - B. ALL LIGHTING, INCLUDING WALL-MOUNTED FIXTURES, POLE LIGHTING, LIGHTS ON BALCONIES, AND ANY OTHER TYPE OF LIGHTING NOT SPECIFICALLY REFERENCED BY THIS SECTION, SHALL BE OF LOW INTENSITY, AND SHALL BE FITTED WITH HOODS OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - C. DOWN PROFILE LUMINAIRES SHALL BE USED IN PARKING LOTS, AND SUCH LIGHTING SHALL BE FITTED WITH HOODS OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - D. DUNE CROSSWALKS SHALL UTILIZE LOW PROFILE SHIELDED LUMINAIRES DIRECTED AND POSITIONED SO THAT LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH. DUNE CROSSOVER LIGHTING SHALL BE LIMITED TO THE AREA LANDWARD OF THE BEACH DUNE.
 - E. IF HIGH INTENSITY LIGHTING IS NECESSARY, LOW PRESSURE SODIUM VAPOR LUMINAIRES SHALL BE USED AND FITTED WITH A HOOD OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - F. PLATES OF TINTED GLASS ARE REQUIRED FOR WINDOWS THAT ARE VISIBLE FROM THE BEACH. THE TINTED GLASS SHALL BE ANY WINDOW OR GLAZING THAT HAS AN INDUSTRY-APPROVED LIGHT TRANSMITTANCE VALUE OF 45 PERCENT OR LESS. SUCH TRANSMITTANCE SHALL BE LIMITED TO THE VISIBLE SPECTRUM 400 TO 700 NANOMETERS, AND SHALL BE MEASURED AS THE PERCENTAGE OF LIGHT THAT IS TRANSMITTED THROUGH THE GLASS, INSTEAD OF OUTSIDE.
 - G. TEMPORARY SECURITY LIGHTS AT CONSTRUCTION SITES SHALL NOT BE MOUNTED MORE THAN 15 FEET ABOVE THE GROUND. LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.

BURROW #	STATUS	Adult/Juvenile	Drawing Code
1	Potentially Occupied	Adult	POA
2	Abandoned	Adult	AA
3	Potentially Occupied	Adult	POA
4	Potentially Occupied	Adult	POA
5	Abandoned	Juvenile	AJ
6	Abandoned	Juvenile	AJ
7	Potentially Occupied	Adult**	POA
8	Abandoned	Adult	AA
9	Potentially Occupied	Adult**	POA
10	Abandoned	Adult**	POA
11	Potentially Occupied	Adult**	POA
12	Abandoned	Not GT	Non GT
13	Abandoned	Juvenile	AJ



COLLIER COUNTY
PARKS AND RECREATION
(O.R. BOOK 966, PAGE 1864)
PARCEL # 00168400005

SEASONAL HIGH
WATER LINE
3.34 CONTOUR LINE
LOCATED MAY 04, 2009
0.33 CONTOUR LINE
AS PER THE STATION
NUMBER 1, 872-5110
DATED 7-1-2003

APPROXIMATE MEAN
HIGH WATER LINE
LOCATED MAY 04, 2009
0.33 CONTOUR LINE
AS PER THE STATION
NUMBER 1, 872-5110
DATED 7-1-2003

LEGEND

Revision	Date	Description	By

DESIGNED BY: MJD
DRAWN BY: BCB
APPROVED: MJD
JOB CODE: CCU142
SCALE: N/A

GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

VANDERBILT BEACH PAVILION
GOPHER TORTOISE MANAGEMENT PLAN

MUNICIPALITY:
COLLIER COUNTY
SEC/TWNSHIP/RNG
32/48S/25E
DATE:
MARCH 2013
SUBMITTAL TYPE:
SDPA SUBMITTAL
SHEET 1 OF 1

G:\PROJ-ENG\VC0142\DWG\SUBMITTAL\TYPE SDPA\CG0142-MANAGEMENT 4/15/2013 2:12 PM

VANDERBILT BEACH GARAGE AND RESTROOM
VANDERBILT BEACH GARAGE AND RESTROOM
SEA TURTLE MANAGEMENT PLAN

OVERVIEW

THIS PROJECT INVOLVES REMOVING THE EXISTING RESTROOM FACILITY AND CONSTRUCTING A NEW, PILING-SUPPORTED RESTROOM AND CONCESSION FACILITY WITH DECK IN THE LANDWARD SIDE OF THE FRONTAL DUNE. BECAUSE THE WORK BEING DONE IS SEAWARD OF THE COUNTY'S COASTAL CONTROL SETBACK LINE AND THE STATE'S COASTAL CONSTRUCTION CONTROL LINE (CCCL), VARIANCES WERE REQUIRED FROM BOTH ENTITIES.

POTENTIAL IMPACTS TO SEA TURTLES

CONSTRUCTION OF THE PROJECT WILL NOT DIRECTLY IMPACT SEA TURTLE NESTING HABITAT. THE POTENTIAL FOR INDIRECT IMPACTS TO EMERGING HATCHLINGS, SPECIFICALLY DISORIENTATION DUE TO PROJECT LIGHTING, COULD OCCUR. THIS ISSUE IS BEING ADDRESSED DURING THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) COASTAL CONSTRUCTION CONTROL LINE PERMIT APPLICATION PROCESS. THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FFWCC) REVIEWED THE CCCL APPLICATION AND THE PROJECT WILL COMPLY WITH ALL REQUIREMENTS OF THE CCCL PERMIT AS THEY RELATE TO SEA TURTLES.

PROTECTION DURING CONSTRUCTION

A CONSTRUCTION IN SEA TURTLE NESTING AREA PERMIT WILL BE OBTAINED IF CONSTRUCTION OCCURS DURING SEA TURTLE NESTING SEASON. IN ORDER TO PREVENT SEA TURTLES FROM ENTERING THE CONSTRUCTION AREA, A SIX FOOT TALL CHAIN LINK FENCE WILL BE ERRECTED AROUND THE CONSTRUCTION SITE TO EXCLUDE SEA TURTLES FROM ENTERING THE SITE.

INSPECTIONS AND MONITORING

THE COUNTY, AS A PART OF ITS ONGOING SEA TURTLE MONITORING RESPONSIBILITIES, WILL BE RESPONSIBLE FOR MONITORING THE BEACH AREA IF CONSTRUCTION OCCURS DURING SEA TURTLE NESTING SEASON. IF SEA TURTLE NESTING OCCURS WITHIN 100 YARDS OF THE CONSTRUCTION, MEASURED PARALLEL TO THE SHORELINE DURING PERMITTED CONSTRUCTION ACTIVITIES, THE NEST AREA SHALL BE FLAGGED BY THE COUNTY. DEPENDING ON NEST LOCATION, IN RELATION TO INTENSIVE CONSTRUCTION ACTIVITIES, THE NEST(S) BE RELOCATED.

MANAGEMENT PLANS

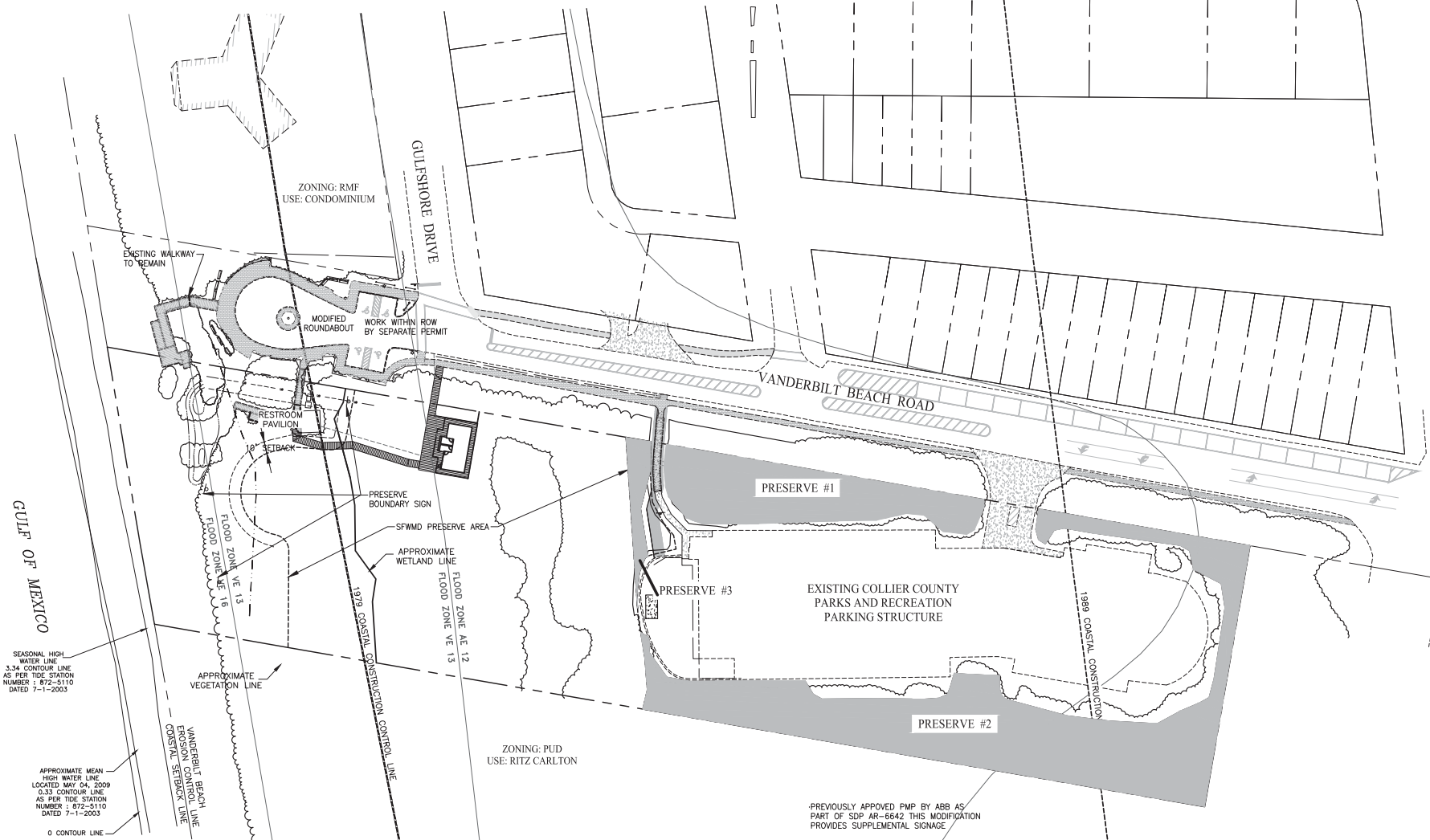
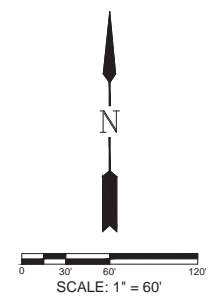
GENERAL REQUIREMENTS, A WILDLIFE MANAGEMENT PLAN SHALL BE REQUIRED FOR ALL PROJECTS WHERE THE WILDLIFE SURVEY INDICATES LISTED SPECIES ARE UTILIZING THE SITE, OR WHERE BALD EAGLE NESTS OCCUR ON THE SITE OR WITHIN DISTANCES TO THE SITE IDENTIFIED IN THE BALD EAGLE MANAGEMENT PLAN UTILIZED BY THE FFWCC. THESE PLANS SHALL DESCRIBE HOW THE PROJECT DIRECTS INCOMPATIBLE LAND USES AWAY FROM LISTED SPECIES AND THEIR HABITATS, THE COUNTY SHALL, CONSISTENT WITH APPLICABLE CMP POLICIES, CONSIDER AND UTILIZE RECOMMENDATIONS AND LETTERS OF TECHNICAL ASSISTANCE FROM THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION AND RECOMMENDATIONS FROM THE US FISH AND WILDLIFE SERVICE IN ISSUING DEVELOPMENT ORDERS ON PROPERTY CONTAINING LISTED SPECIES. IT IS RECOGNIZED THAT THESE AGENCY RECOMMENDATIONS, ON A CASE BY CASE BASIS, MAY CHANGE THE REQUIREMENTS CONTAINED WITHIN THESE WILDLIFE PROTECTION POLICIES AND ANY SUCH CHANGE SHALL BE DEEMED CONSISTENT WITH THE GROWTH MANAGEMENT PLAN. THE FOLLOWING SPECIFIC SPECIES MANAGEMENT AND PROTECTION PLANS SHALL BE APPLICABLE, IN ADDITION TO THOSE REQUIRED BY OTHER PROVISIONS IN THIS SECTION 3.04.02:

REFERENCES: MANAGEMENT GUIDELINES CONTAINED IN PUBLICATIONS UTILIZED BY THE FFWCC AND USFWS AS THEIR TECHNICAL ASSISTANCE, SHALL BE USED FOR DEVELOPING REQUIRED MANAGEMENT PLANS.

3.04.02 - SPECIES SPECIFIC REQUIREMENTS

WILDLIFE HABITAT MANAGEMENT PLANS FOR LISTED SPECIES SHALL BE SUBMITTED FOR COUNTY APPROVAL. A PLAN SHALL BE REQUIRED FOR ALL PROJECTS WHERE THE WILDLIFE SURVEY INDICATED LISTED SPECIES ARE UTILIZING THE SITE (OTHER THAN FOR OCCASIONAL USE BY NON-RESIDENT SPECIES SUCH AS WADING BIRDS) OR IF REQUIRED BY STATE AND FEDERAL PERMIT REQUIREMENTS. THESE PLANS SHALL DESCRIBE HOW THE PROJECT DIRECTS INCOMPATIBLE LAND USES AWAY FROM LISTED SPECIES AND THEIR HABITATS. THE COUNTY SHALL, CONSISTENT WITH APPLICABLE CMP POLICIES, CONSIDER AND UTILIZE RECOMMENDATIONS AND LETTERS OF TECHNICAL ASSISTANCE FROM THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION AND RECOMMENDATIONS FROM THE US FISH AND WILDLIFE SERVICE IN ISSUING DEVELOPMENT ORDERS ON PROPERTY CONTAINING LISTED SPECIES. IT IS RECOGNIZED THAT THESE AGENCY RECOMMENDATIONS, ON A CASE BY CASE BASIS, MAY CHANGE THE REQUIREMENTS CONTAINED WITHIN THESE WILDLIFE PROTECTION POLICIES AND ANY SUCH CHANGE SHALL BE DEEMED CONSISTENT WITH THE GROWTH MANAGEMENT PLAN. THE FOLLOWING SPECIFIC SPECIES MANAGEMENT AND PROTECTION PLANS SHALL BE APPLICABLE, IN ADDITION TO THOSE REQUIRED BY OTHER PROVISIONS IN THIS SECTION 3.04.02:

1. THE PURPOSE OF THIS SECTION IS TO PROTECT THE THREATENED AND ENDANGERED SEA TURTLES THAT NEST ALONG THE BEACHES OF THE COUNTY BY SAFEGUARDING SEA TURTLE HATCHLINGS FROM SOURCES OF ARTIFICIAL LIGHT, AND ADULT AND HATCHLING SEA TURTLES FROM HURRY OR HARASSMENT. THE COUNTY SHALL ADHERE TO STATE AND FEDERAL GUIDELINES FOR THE PROTECTION OF SEA TURTLES.
2. THE REQUIREMENTS OF THIS SECTION APPLY WHEN DEVELOPMENT OR LIGHTING ASSOCIATED WITH DEVELOPMENT IS LOCATED WITHIN 300 FEET OF COASTAL MEAN HIGH WATER, WHEN PARKING LOTS, DUNE WALKWAYS, OR OTHER OUTDOOR LIGHTING IS PROPOSED; AND WHEN REFLECTIVE SURFACES THAT WILL BE ILLUMINATED BY OUTDOOR LIGHTING WILL BE VISIBLE FROM THE BEACH.
 - A. OUTDOOR LIGHTING SHALL BE HELD TO THE MINIMUM NECESSARY FOR SECURITY AND SAFETY. FLOODLIGHTS AND LANDSCAPE OR ACCENT LIGHTING SHALL BE PROHIBITED.
 - B. ALL LIGHTING, INCLUDING WALL MOUNTED FIXTURES, LIGHT FIXTURES ON BALCONIES, AND ANY OTHER TYPE OF LIGHTING NOT SPECIFICALLY REFERENCED BY THIS SECTION, SHALL BE OF LOW INTENSITY, AND SHALL BE FITTED WITH HOODS OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - C. LOW PROFILE LUMINAIRES SHALL BE USED IN PARKING LOTS, AND SUCH LIGHTING SHALL BE FITTED WITH HOODS OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - D. DUNE CROSSWALKS SHALL UTILIZE LOW PROFILE SHIELDED LUMINAIRES DIRECTED AND POSITIONED SO THAT LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES SHALL NOT BE VISIBLE FROM THE BEACH. DUNE CROSSOVER LIGHTING SHALL BE LIMITED TO THE AREA LANDWARD OF THE PRIMARY DUNE.
 - E. IF HIGH INTENSITY LIGHTING IS NECESSARY, LOW PRESSURE SODIUM VAPOR LUMINAIRES SHALL BE USED AND FITTED WITH A HOOD OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - F. PLATES OF TINTED GLASS ARE REQUIRED FOR WINDOWS THAT ARE VISIBLE FROM THE BEACH. THE TINTED GLASS SHALL BE ANY WINDOW OR GLAZING THAT HAS AN INDUSTRY-APPROVED LIGHT TRANSMITTANCE VALUE OF 45 PERCENT OR LESS, SUCH TRANSMITTANCE SHALL BE LIMITED TO THE VISIBLE SPECTRUM AND TO 700 NANOMETERS, AND SHALL BE MEASURED AS THE PERCENTAGE OF LIGHT THAT IS TRANSMITTED THROUGH THE GLASS IN THE VISIBLE SPECTRUM.
 - G. TEMPORARY SECURITY LIGHTS AT CONSTRUCTION SITES SHALL NOT BE MOUNTED MORE THAN 15 FEET ABOVE THE GROUND. LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - H. FOR EXISTING DEVELOPMENT, EXISTING STRUCTURES WITH ANY LIGHT SOURCES, OR REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, THAT ARE VISIBLE FROM THE BEACH, SHALL BE IN COMPLIANCE WITH THE FOLLOWING:
 - A. ALL LIGHTS SHALL BE TURNED OFF AFTER 9:00 P.M. BETWEEN MAY 1 AND OCTOBER 31 OF EACH YEAR, OR FITTED WITH A HOOD OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - B. LIGHTS ILLUMINATING DUNE CROSSWALKS SHALL BE TURNED OFF AFTER 9:00 P.M. BETWEEN MAY 1 AND OCTOBER 31 OF EACH YEAR, AND MUST BE MODIFIED TO CONFORM TO THE REQUIREMENTS FOR NEW DEVELOPMENT IN ACCORDANCE WITH SECTION 3.04.02(C) OF THIS SECTION.
 - C. SECURITY AND EMERGENCY EXIT LIGHTING SHALL FOLLOW THE SAME REQUIREMENTS STATED IN SECTION 3.04.02(C) OF THIS SECTION. IF HIGH INTENSITY LIGHTING IS NECESSARY, LOW PRESSURE SODIUM VAPOR LUMINAIRES SHALL BE USED AND FITTED WITH A HOOD, OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, SHALL NOT BE VISIBLE FROM THE BEACH.
 - D. AT LEAST ONE (1) OF THE FOLLOWING MEASURES SHALL BE TAKEN, WHERE APPLICABLE, TO REDUCE OR ELIMINATE THE NEGATIVE EFFECTS OF INTERIOR LIGHT EMANATING FROM DOORS OR WINDOWS WITHIN THE LINE OF SIGHT OF THE BEACH, WHERE LIGHT CURRENTLY ILLUMINATE THE BEACH:
 1. LIN WINDOWS FACING THE GULF OF MEXICO, AND ALL INLET SHORELINES OF THESE BEACHES, TINTED WINDOW TREATMENTS ARE REQUIRED FOR WINDOWS THAT ARE VISIBLE FROM THE BEACH SO THAT INTERIOR LIGHTS DO NOT ILLUMINATE THE BEACH. THE TINTED GLASS SHALL BE ANY WINDOW OR GLAZING THAT HAS AN INDUSTRY-APPROVED LIGHT TRANSMITTANCE VALUE OF 45 PERCENT OR LESS, SUCH TRANSMITTANCE SHALL BE LIMITED TO THE VISIBLE SPECTRUM AND TO 700 NANOMETERS, AND SHALL BE MEASURED AS THE PERCENTAGE OF LIGHT THAT IS TRANSMITTED THROUGH THE GLASS, UNLESS IT IS TRANSMITTED THROUGH THE GLASS, UNLESS IT IS TRANSMITTED THROUGH THE GLASS, UNLESS IT IS TRANSMITTED THROUGH THE GLASS.
 2. REARRANGE LAMPS AND OTHER MOVABLE FEATURES AWAY FROM WINDOWS.
 3. USE WINDOW TREATMENTS, INCLUDING, BUT NOT LIMITED TO, BLINDS AND CURTAINS, TO SHIELD INTERIOR LIGHTS FROM THE BEACH.
 4. TURN OFF UNNECESSARY LIGHTS.
3. ALL PUBLICLY OWNED LIGHTING WITH LIGHT SOURCES THAT ARE VISIBLE FROM THE BEACH OR THAT ILLUMINATE REFLECTIVE SURFACES THAT ARE VISIBLE FROM THE BEACH, SHALL BE TURNED OFF AFTER 9:00 P.M. BETWEEN MAY 1 AND OCTOBER 31 OF EACH YEAR, OR SHALL BE FITTED WITH A HOOD, OR POSITIONED SO THAT THE LIGHT SOURCES, OR ANY REFLECTIVE SURFACES ILLUMINATED BY SUCH SOURCES, ARE NOT VISIBLE FROM THE BEACH.
4. IT SHALL BE UNLAWFUL, DURING THE NESTING SEASON, TO CONSTRUCT ANY STRUCTURE, AND ANY FULL MECHANICALLY CLEAN ANY BEACH, OR GRADE ANY DIRT WITHIN 100 FEET OF THE NESTING ZONE OF A BEACH WHERE SEA TURTLES NEST OR MAY NEST, WITHOUT OBTAINING A CONSTRUCTION IN SEA TURTLE NESTING AREA PERMIT FROM THE COUNTY MANAGER OR DESIGNEE.
 - A. IF SEA TURTLE NESTING OCCURS WITHIN 100 YARDS OF THE CONSTRUCTION, MEASURED PARALLEL TO THE SHORELINE DURING PERMITTED CONSTRUCTION ACTIVITIES, THE NEST AREA SHALL BE FLAGGED BY THE PERMITTEE AND THE COUNTY MANAGER OR DESIGNEE BE ADVISED PRIOR TO 10:00 A.M. OF THAT MORNING.
 - B. DEPENDING ON NEST LOCATION, IN RELATION TO INTENSIVE CONSTRUCTION ACTIVITIES, THE COUNTY MANAGER OR DESIGNEE MAY REQUIRE THAT THE NEST(S) BE RELOCATED BY THE APPLICANT.
 - C. CONSTRUCTION ACTIVITIES SHALL NOT INTERFERE WITH SEA TURTLE NESTING. SHALL PRESERVE OR REPLACE ANY NATIVE VEGETATION ON THE SITE, MUST MAINTAIN THE NATURAL EXISTING BEACH PROFILE, AND MINIMIZE INTERFERENCE WITH THE NATURAL BEACH DYNAMICS AND FUNCTION.
 - D. CONSTRUCTION OR REPAIR OF ANY STRUCTURE, INCLUDING, BUT NOT LIMITED TO, DUNE WALKWAYS, SEAWALKS, OR OTHER REVELMENTS, SANDBAGS, GRIDS, OR JETTES, SHALL NOT BE PERMITTED DURING SEA TURTLE NESTING SEASON ON ANY COUNTY BEACHES, EXCEPT IF PERMITTED STRUCTURES ARE DAMAGED BY A NAMED STORM OR OTHER DECLARED NATURAL DISASTER AND THE FOLLOWING CONDITIONS ARE MET:
 1. MINOR REPAIR WORK, MINOR REPAIR WORK (BOARDS NEED TO BE NAILLED BACK TO THE EXISTING CONTACT STRUCTURE, OR LESS THAN 10 PERCENT OF THE BOARDS NEED TO BE REPLACED) THAT CAN BE PERFORMED COMPLETELY FROM TOP OF THE STRUCTURE IS AUTHORIZED AFTER OBTAINING THE NECESSARY APPROVAL OF THE FDEP AND NOTIFYING THE COUNTY MANAGER OR DESIGNEE OF THAT WORK. WORK MUST BE COMPLETED WITHIN 30 DAYS OF THE NAMED STORM OR DECLARED NATURAL DISASTER.
 2. MAJOR REPAIR WORK, PRIOR TO ANY REPAIR WORK GREATER THAN THAT DESCRIBED IN A ABOVE OR RECONSTRUCTION OF ANY PART OF THE STRUCTURE, THE FOLLOWING INFORMATION SHALL BE PROVIDED SO THAT STAFF CAN DETERMINE IF THE MAJOR REPAIR OR RECONSTRUCTION CAN OCCUR PRIOR TO THE END OF SEA TURTLE NESTING SEASON:
 - A) THE APPROPRIATE PERMIT OR AUTHORIZATION FROM FDEP, IF REQUIRED.
 - B) THE LOCATION OF ALL KNOWN SEA TURTLE NESTS. THE COUNTY MANAGER OR DESIGNEE WILL PROVIDE ASSISTANCE IN LOCATING NESTS. CONSTRUCTION ACTIVITIES SHALL NOT OCCUR WITHIN 10 FEET OF THE BOUNDARIES OF VISIBLE NESTS.
 - C) A SURVEY BY A FFWCC PERMITTED AUTHORIZED GOPHER TORTOISE RELOCATION AGENT LOCATING ANY GOPHER TORTOISE BURROWS ON SITE WITHIN 50 FEET OF PROPOSED CONSTRUCTION, RELOCATION AGENT OF GOPHER TORTOISES WILL BE REQUIRED WHEN THE BURROWS ARE IN HARM'S WAY OF THE CONSTRUCTION ACTIVITY.
 - D) PHOTOGRAPHS OF THE SITE AS IT EXISTED AFTER THE STORM TO DOCUMENT THE CONDITIONS OF THE PROPERTY.
 - E) AN AERIAL OF THE PROPERTY SHOWING THE CCCL LINE.
 - F) A COPY OF A CCCL VARIANCE OR CCCL PERMIT, IF PERMITTED, AND BUILDING PERMIT APPROVING THE ORIGINAL CONSTRUCTION OF THE STRUCTURE.
 - G) SEA TURTLE NEST LOCATIONS WILL BE REESTABLISHED USING THEIR PREVIOUSLY RECORDED GPS LOCATIONS AND ACCURACY DATA TO IDENTIFY A 95% CONFIDENCE BOUNDARY. CONSTRUCTION ACTIVITIES SHALL NOT OCCUR WITHIN 10 FEET OF THESE BOUNDARIES FOR VISIBLE NESTS. NESTS WILL BE CONSIDERED VISIBLE FOR 80 DAYS FROM THE TIME THE NEST WAS RECORDED UNLESS IT CAN BE PROVEN THAT A PARTICULAR NEST HAS BEEN DAMAGED BY THE STORM AND THERE IS NO CHANCE OF ANY HATCHLINGS.
5. MINOR STRUCTURES, AS DEFINED BY FLORIDA STATUTES SUBSECTION 161.001, OF THE COASTAL ZONE PROTECTION ACT OF 1985, SHALL BE APPROVED PROVIDED THAT THEY ALSO COMPLY WITH:
 1. FEDERAL REQUIREMENTS FOR ELEVATIONS ABOVE THE 100-YEAR FLOOD LEVEL.
 2. COLLIER COUNTY BUILDING CODE REQUIREMENTS FOR FLOOD PROOFING.
 3. CURRENT BUILDING AND LIFE SAFETY CODES.
 4. COLLIER COUNTY AND STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION CCCL/CCCL REGULATIONS.
 5. APPLICABLE DEBRIS BY ACCESS REGULATIONS OF THE AMERICAN DISABILITY ACT AND ANY VULNERABILITY REQUIRED COLLIER COUNTY ZONING AND OTHER DEVELOPMENT REGULATIONS WITH THE EXCEPTION OF EXISTING DEBRIS OR INTENSITY REQUIREMENTS ESTABLISHED, UNLESS COMPLIANCE WITH SUCH ZONING OR OTHER DEVELOPMENT REGULATIONS WOULD PRECLUDE RECONSTRUCTION OTHERWISE INTENDED BY THE BUILD BACK POLICY AS DETERMINED BY THE EMERGENCY REVIEW BOARD ESTABLISHED HEREIN.
 6. THE FOLLOWING SHALL BE OBLIGATIONS FOR ALL PROPERTY OWNERS WHO HAVE HAD SAND WASHED AWAY AS A RESULT OF A STORM AND DEPOSITED ON THE DUNE AND SEAWARD OF THE CCCL, AS SUPPORTED BY GMP CONSERVATION AND COASTAL MANAGEMENT ELEMENTS OF THE SDI AND POLICY. TO ALL CONSTRUCTION SEAWARD OF THE CCCL, SHALL NOT INTERFERE WITH SEA TURTLE NESTING, WILL MINIMIZE INTERFERENCE WITH NATURAL BEACH DYNAMICS, AND WHERE APPROPRIATE, WILL RESTORE THE HISTORICAL DUNES AND WILL VEGETATE WITH NATIVE VEGETATION AND HELP IN THE RESTORATION OF NATURAL FUNCTIONS OF COASTAL BARRIERS AND BEACHES AND DUNES. THE PROPERTY OWNER MAY BE PROHIBITED FROM REMOVING THE DEPOSITED SAND WHEN IT IS DETERMINED THAT THE WASH OVER WAS A PART OF THE NATURAL REBUILDING OF THE BEACH AND DUNE SYSTEM. ONLY NATIVE SALT TOLERANT BEACH OR DUNE VEGETATION MAY BE PLANTED ON THE DEPOSITED SAND, AFTER OBTAINING A COLLIER COUNTY CCCL PERMIT. THIS SHALL NOT APPLY TO SAND WASHED OVER ONTO YARDS THAT HAVE RECEIVED THE APPROPRIATE COLLIER COUNTY APPROVALS FOR LANDSCAPING SEAWARD OF THE CCCL, (SUCH AS SINGLE FAMILY HOMES ALONG VANDERBILT BEACH). IT SHALL BE UNLAWFUL FOR ANY PERSON TO KILL, MOLEST, OR CAUSE DIRECT OR INDIRECT INJURY TO ANY SPECIES OF SEA TURTLE IN COLLIER COUNTY OR WITHIN ITS JURISDICTIONAL WATERS. IT SHALL BE UNLAWFUL TO COLLECT OR POSSESS ANY PART OF A SEA TURTLE.



SEASONAL HIGH WATER LINE 3.34 CONTOUR LINE AS PER TIDE STATION NUMBER : 872-5110 DATED 7-1-2003

APPROXIMATE MEAN HIGH WATER LINE LOCATED MAY 04, 2009 C-33 CONTOUR LINE AS PER TIDE STATION NUMBER : 872-5110 DATED 7-1-2003

0 CONTOUR LINE

LEGEND

Revision	Date	Description

DESIGNED BY:	MJD
DRAWN BY:	BCB
APPROVED:	MJD
JOB CODE:	CCU142
SCALE:	N/A

GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

VANDERBILT BEACH PAVILION
SEA TURTLE MANAGEMENT PLAN

MUNICIPALITY:	COLLIER COUNTY
SEC./TNSHP./RNG	32/48S/25E
DATE:	MARCH 2013
SUBMITTAL TYPE:	SDPA SUBMITTAL
SHEET	1 OF 1

