

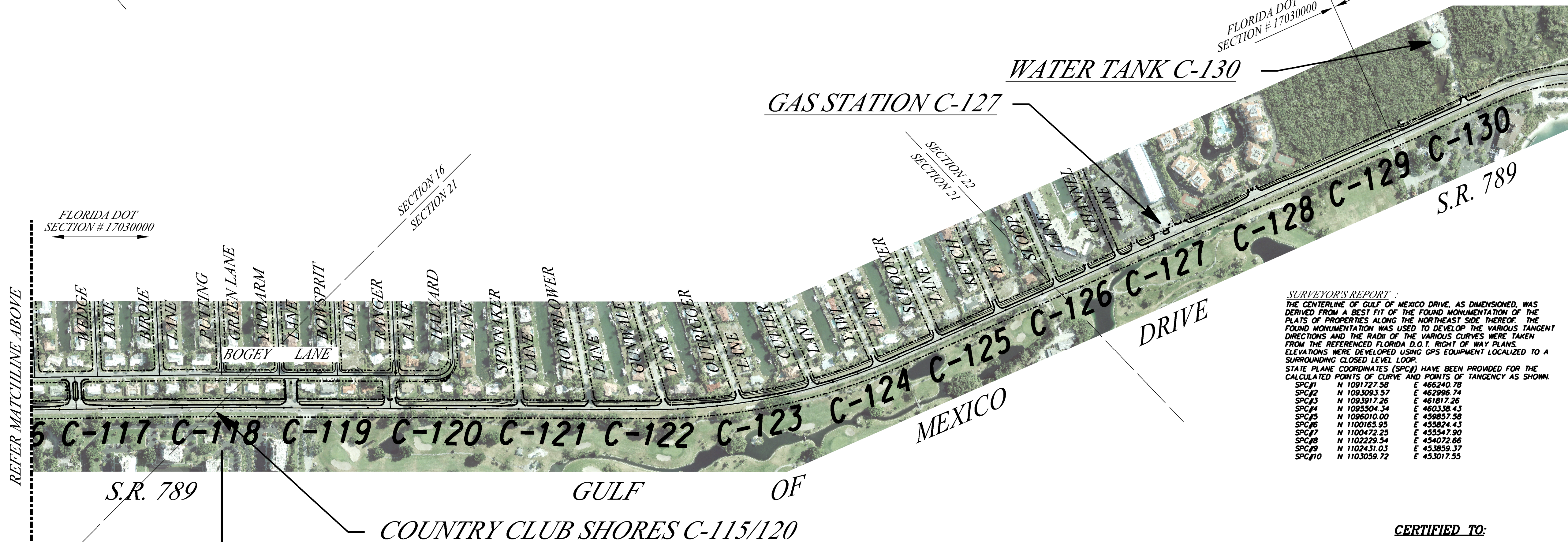
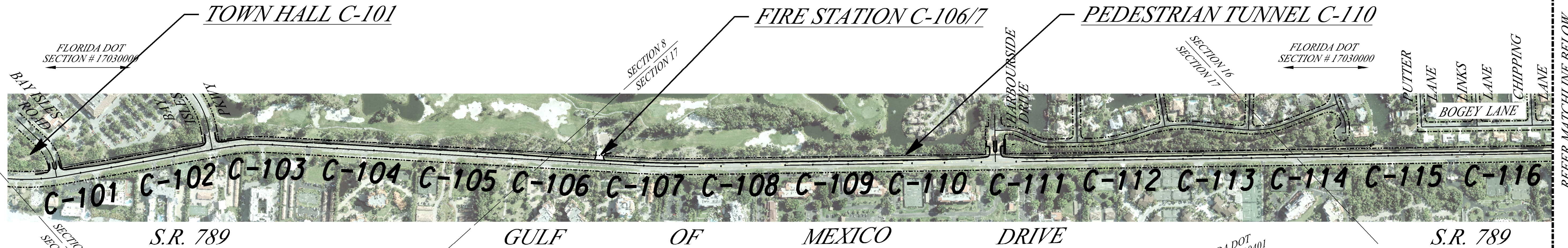
GULF OF MEXICO DRIVE UTILITIES PLAN

FOR

TOWN OF LONGBOAT KEY, FLORIDA

TOWNSHIP 36 SOUTH, RANGE 17 EAST

COMPREHENSIVE KEY MAP



- NOTES:**
1. BASIS OF BEARINGS SHOWN HEREON IS FLORIDA STATE PLANE HORIZONTAL DATUM, NAD 1983 (1990 ADJUSTMENT), FLORIDA ZONE WEST AS DERIVED USING GPS OBSERVATIONS TAKEN JANUARY 2007 UTILIZING CERTIFIED CORNER RECORDS - DOCUMENTS #079195, #079196, #079194, #079186 AND #079170.
 2. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF ABSTRACT OF TITLE AND MAY BE SUBJECT TO EASEMENTS, RESERVATIONS AND/OR RESTRICTIONS OF RECORD. FUTURE RIGHT-OF-WAY AND EASEMENTS SHOWN ARE TAKEN FROM RECORDED PLATS AS NOTED ON PLANS. OTHER EASEMENTS MAY EXIST THAT HAVE NOT BEEN SHOWN. ALL MATTERS OF TITLE SHOULD BE REFERRED TO AN ATTORNEY AT LAW.
 3. VERTICAL DATUM IS NOV 1929; SOURCE BENCHMARK IS COASTAL CONTROL MONUMENT R-11 SAR; ELEVATION 8.04.
 4. ROAD STATIONS DERIVED FROM FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PROJECT NO. 1215, ROAD NO. 18 FOR STATE ROAD 789 DATED 15 SEPTEMBER, 1939.
 5. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY. ROAD RIGHT-OF-WAY AND PROPERTY LINES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY. THE SOLE PURPOSE OF THIS PLAN IS TO DETECT EXISTING FEATURES ALONG THE EASTERLY HALF OF GULF OF MEXICO DRIVE BETWEEN BAY ISLES ROAD AND THE WATER TOWER. BOGEY LANE BETWEEN PUTTING GREEN LANE AND HALYARD LANE AND THE NORTHERLY 1,000 FEET OF LONGBOAT KEY CLUB DRIVE FOR THE PROPOSED DESIGN OF A NEW WATER DISTRIBUTION SYSTEM. THERE MAY BE VISIBLE IMPROVEMENTS OTHER THAN THOSE SHOWN HEREON.
 6. TREE SPECIES IDENTIFICATION ARE TO THE BEST OF THIS SURVEYOR'S KNOWLEDGE. CONSULT AN ARBORIST TO CONFIRM EXACT TREE SPECIES AS NECESSARY.
 7. UNDERGROUND UTILITIES ARE SHOWN FROM UTILITY FIELD MARKUP OF FEBRUARY-MARCH, 2007 BY F.R. ALEXANDER AND ASSOCIATES, INC. WATER DISTRICT SYSTEM PLANS DATED 10 DECEMBER, 1970 BY SMALLY, WELLFORD AND NALVEN, AND WASTEWATER COLLECTION SYSTEM PLANS DATED 20 OCTOBER 1972 BY SMALLY, WELLFORD AND NALVEN.
 8. AERIAL PHOTOGRAPHY PROVIDED BY PICKETT SURVEYING AND PHOTOGRAMMETRY. PHOTOGRAPHY ACQUIRED 24 MARCH 2007 AND INTENDED TO BE DISPLAYED AT A SCALE OF 1" = 30' GROUND BASED ON A LICENSED FLORIDA SURVEYOR AND MAPPER.
 9. DIMENSIONS SHOWN HEREON ARE IN U.S. SURVEY FEET AND DECIMALS THEREOF.
 10. THIS SURVEY DOES NOT ADDRESS ANY ENVIRONMENTAL CONCERNS, ENDANGERED WILDLIFE OR JURISDICTIONAL WETLANDS, IF ANY, EXCEPT AS SHOWN ON THIS SURVEY.
 11. THIS CERTIFICATION IS ONLY FOR THE LOCATIONS SHOWN HEREON. IT IS NOT A CERTIFICATION OF TITLE, ZONING, SETBACKS, OR FREEDOM OF ENCUMBRANCES.
 12. THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RASCED OF A LICENSED FLORIDA SURVEYOR AND MAPPER.
 13. DATE OF FIELD DATA ACQUISITION PERFORMED BETWEEN 31 JANUARY AND 9 APRIL 2007.

SURVEYOR'S REPORT:
THE CENTERLINE OF GULF OF MEXICO DRIVE, AS DIMENSIONED, WAS DERIVED FROM A BEST FIT OF THE FOUND MONUMENTATION OF THE PLATS OF PROPERTIES ALONG THE NORTHEAST SIDE THEREOF. THE FOUND MONUMENTATION WAS USED TO DEVELOP THE VARIOUS TANGENT DIRECTIONS AND THE RADI OF THE VARIOUS CURVES WERE TAKEN FROM THE REFERENCED FLORIDA D.O.T. RIGHT OF WAY PLANS. ELEVATIONS WERE DEVELOPED USING GPS EQUIPMENT LOCALIZED TO A SURROUNDING CLOSED LEVEL LOOP.

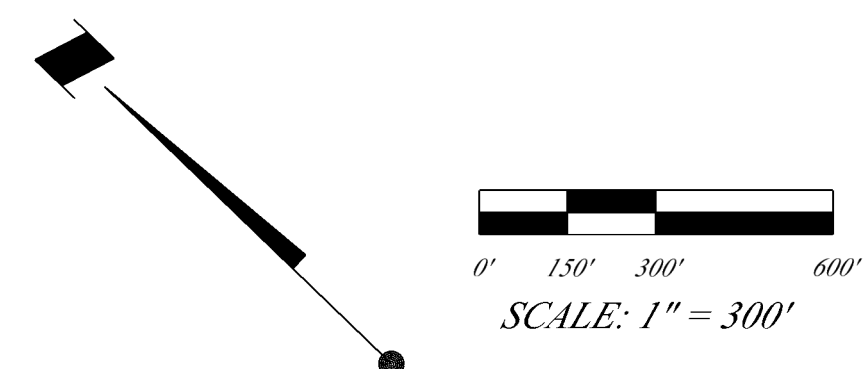
STATE PLANE COORDINATES (SPC#) HAVE BEEN PROVIDED FOR THE CALCULATED POINTS OF CURVE AND POINTS OF TANGENCY AS SHOWN.

SPC#1	N 1091727.90	E 465240.78
SPC#2	N 1093081.57	E 462996.74
SPC#3	N 1093917.26	E 461817.26
SPC#4	N 1095504.34	E 460338.43
SPC#5	N 1096010.00	E 459857.58
SPC#6	N 1100165.95	E 455824.43
SPC#7	N 1100472.25	E 455547.90
SPC#8	N 1102229.54	E 454072.66
SPC#9	N 1102431.03	E 453859.17
SPC#10	N 1103059.72	E 453017.55

CERTIFIED TO:
TOWN OF LONGBOAT KEY,
ENGINEERING VISIONS, INC.
TGW ENGINEERING, INC.

<p>SURVEY INFORMATION PROVIDED BY:</p> <p>Q. GRADY MINOR & ASSOCIATES, P.A. CIVIL ENGINEERS • LAND SURVEYORS • PLANNERS 2562 COMMERCE PARKWAY NORTH PORT, FLORIDA 34289 PHONE: (941) 426-5858 FAX: (941) 426-5844 CERTIFICATE OF AUTHORIZATION NUMBER LB 5151</p>	<p>SPECIFIC PURPOSE SURVEY</p> <p>UTILITY CORRIDOR ALONG GULF OF MEXICO DRIVE</p> <p>SECTION 8, 16, 17, & 21, TOWNSHIP 36 SOUTH, RANGE 17 EAST TOWN OF LONGBOAT KEY, SARASOTA COUNTY, FLORIDA DATE: 13 APRIL 2007 DRAWING: 0158-3617-08-LBKUS</p>
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23 JULY 2007 - REVISED PER ENGINEERING VISIONS, INC.'S REDLINE MARK UP
1 JUNE 2007 - REVISED TO SHOW UTILITY DIG LOCATION & DEPTHS, BORING LOCATIONS, NEW AERIALS



DESIGNED BY: LSA/TGW	PROJECT MANAGER: LAURA S. ANDREWS, PE	DATE
DRAWN BY: ABE	FILE NAME: LBK WLR G-100.DWG	REVISIONS
DATE 10/17/08	ACCOUNT:	
<p>ENGINEERING VISIONS, INC. FL COAH #26755 1000 W. GOLF COURSE BLVD., SUITE 210 WOODBRIDGE, FLORIDA 34987 PH: (941) 412-9187 FAX: (941) 412-9273</p> <p>ENGINEERING PARTNERSHIP VISIONS, INC. FL COAH #27192 1000 W. GOLF COURSE BLVD., SUITE 210 WOODBRIDGE, FLORIDA 34987 PH: (941) 870-5622 FAX: (941) 870-5449</p>		
<p>UPSIZE POTABLE WATER TRANSMISSION MAIN TOWN OF LONGBOAT KEY, SARASOTA COUNTY, FLORIDA</p>		
<p>COMPREHENSIVE EXISTING SURVEY PLAN WITH AERIAL</p>		
DRWG. NO.:	Date:	
G-100		
SHT. 3 OF 55	DRAWING SIZE 24" x 36" - USE GRAPHIC SCALE OTHERWISE.	