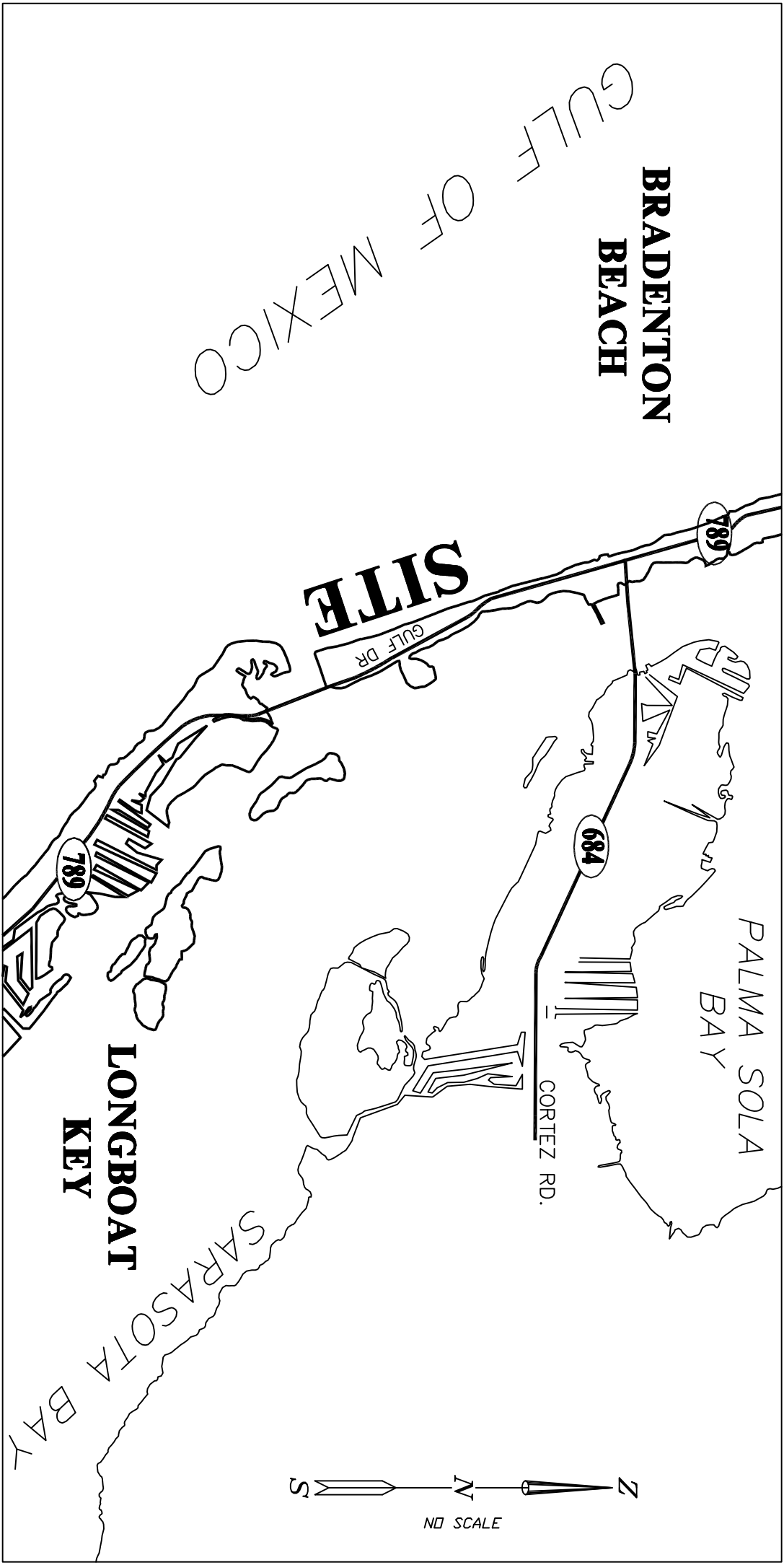
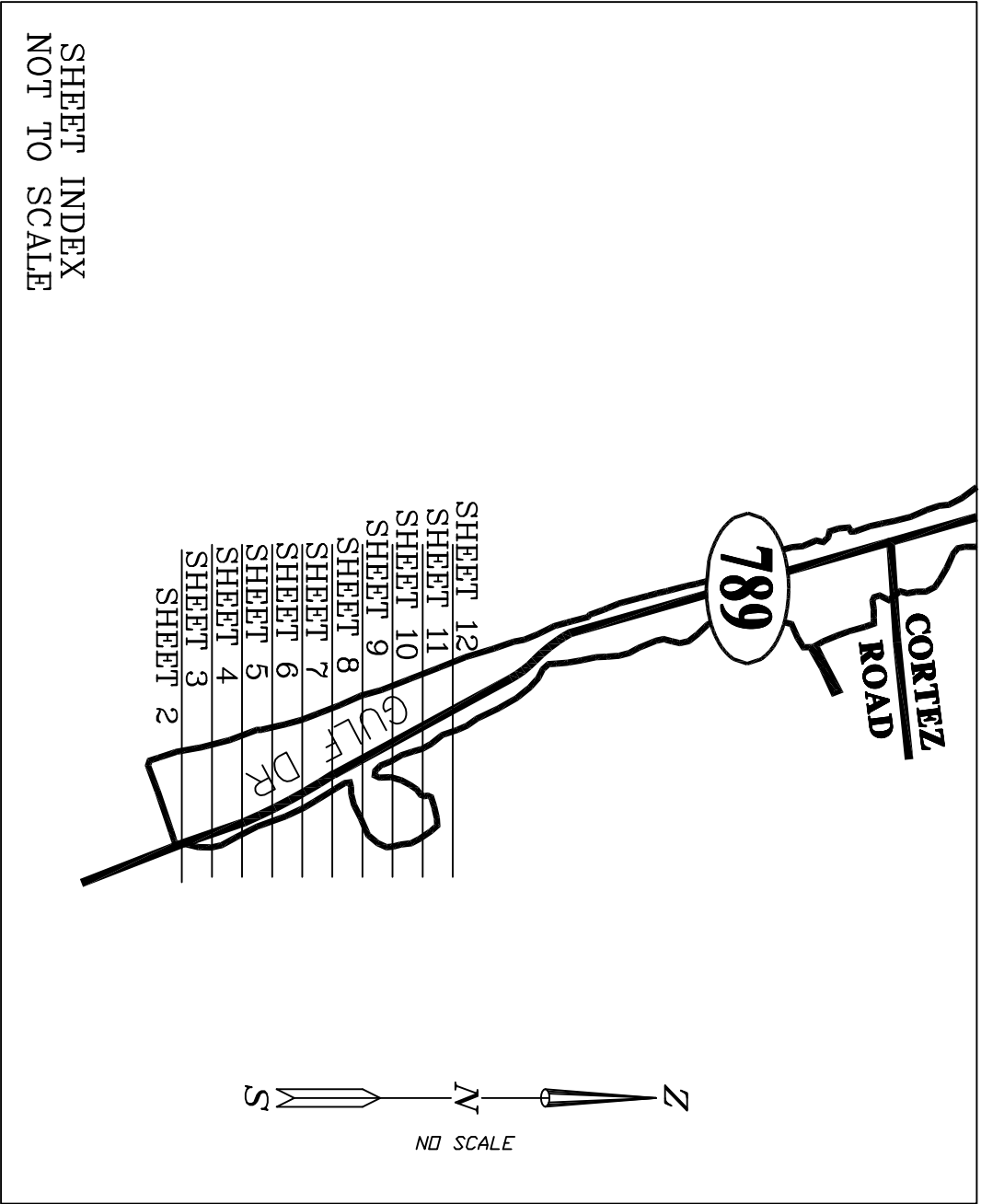


TOPOGRAPHIC SURVEY  
OF  
COQUINA BEACH  
LOCATED IN  
SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA



| EXISTING |                          | LEGEND |                    |
|----------|--------------------------|--------|--------------------|
|          | BENCH MARK               |        | BUSH               |
|          | CONCRETE MONUMENT        |        | TREE               |
|          | IRON PIPE                |        | OAK TREE           |
|          | IRON ROD                 |        | PALM TREE          |
|          | HUB                      |        | PINE TREE          |
|          | NAIL & DISK              |        | EDGE OF VEGETATION |
|          | ELEVATION                |        | CHAIN LINK FENCE   |
|          | PARCEL ID NO.            |        | WOOD FENCE         |
|          | PARCEL ID NO.            |        | BARBED WIRE FENCE  |
|          | LOT NO.                  |        | FORCE MAIN         |
|          | GUY WIRE                 |        | POTABLE WATER      |
|          | POWER POLE               |        | RECYCLED WATER     |
|          | LIGHT POLE               |        | SANITARY SEWER     |
|          | MAIL BOX                 |        | STORM DRAIN        |
|          | SIGN                     |        | GAS LINE           |
|          | REFLECTOR                |        | OVERHEAD CABLE TV  |
|          | SPRINKLER                |        | OVERHEAD ELECTRIC  |
|          | GAS MARKER               |        | BURIED ELECTRIC    |
|          | BACKFLOW PREVENTER       |        | BURIED VERIZON     |
|          | BLOW OFF VALVE           |        | VERIZON            |
|          | FIRE HYDRANT             |        | BURIED UTILITY     |
|          | WATER VALVE              |        | OVERHEAD UTILITY   |
|          | AIR RELEASE VALVE        |        | RAIL ROAD TRACKS   |
|          | WATER METER              |        | EDGE OF CONCRETE   |
|          | SANITARY SEWER MANHOLE   |        | EDGE OF ROAD       |
|          | SANITARY SEWER CLEAN OUT |        | TOE OF SLOPE       |
|          | SOL BORING LOCATION      |        | TOP OF BANK        |
|          | TELEPHONE SERVICE BOX    |        | PROPERTY LINE      |
|          | FLOW DIRECTION           |        | RIGHT OF WAY       |
|          | GRATE INLET              |        |                    |
|          | MITERED END SECTION      |        |                    |
|          | CURB STOP                |        |                    |

| ABBREVIATIONS |                        |
|---------------|------------------------|
|               | R/W                    |
|               | CONC                   |
|               | ASPH                   |
|               | SWK                    |
|               | EP                     |
|               | BOC                    |
|               | NAMD                   |
|               | FF                     |
|               | A PINE                 |
|               | PN                     |
|               | PLM                    |
|               | ORNTL                  |
|               | OK                     |
|               | PROPOSED               |
|               | MAIN                   |
|               | SERVICE LINE           |
|               | PROPOSED EASEMENT      |
|               | FIRE HYDRANT           |
|               | VALVE                  |
|               | SANITARY SEWER MANHOLE |
|               | BLOW OFF ASSEMBLY      |
|               | REDUCER                |
|               | TEE                    |
|               | HORIZONTAL BEND        |
|               | VERTICAL BEND          |
|               | PLUG                   |
|               | MASTER METER ASSEMBLY  |
|               | SERVICE LINE & METER   |
|               | DOUBLE SERVICE         |



- NOTES:
- BEARINGS AND COORDINATES ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE) NAD 83/2011, AND ARE DERIVED FROM POINT GIS-105 AND GIS-106, HAVING AN ELEVATION OF 4.15 FEET (NAVD 1989), AND BENCHMARK GIS-105 (PID AG9210) HAVING AN ELEVATION OF 3.29 FEET (NAVD 1989).
  - ELEVATIONS ARE BASED ON NAVD 1988, AND ARE DERIVED FROM BENCHMARK GIS-106, HAVING AN ELEVATION OF 4.15 FEET (NAVD 1989), AND BENCHMARK GIS-105 (PID AG9210) HAVING AN ELEVATION OF 3.29 FEET (NAVD 1989).

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NOTE: THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED PROFESSIONAL SURVEYOR & MAPPER, HEREBY CERTIFY THAT THIS RECORD OF LAND SURVEY WAS PREPARED UNDER MY DIRECT SUPERVISION THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, IT COMES WITHIN THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA, CHAPTER SL-17.050, OF THE FLORIDA ADMINISTRATIVE CODE.

FLORIDA CERTIFICATE No. LS4292

DATE OF CERTIFICATION 1/28/2016

DATE OF FIELD SURVEY 1/20/2016

BY: R.E.M. ENGERTON, P.S.M.



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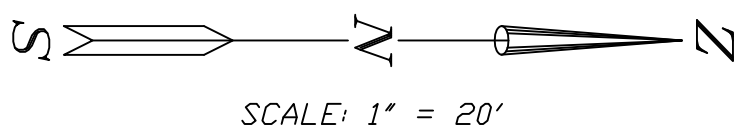
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DRAWN: bernie JOB NO.: 00-44064 FIELD BOOK: PAGE: SHEET: 1 OF 13



MATCH LINE (SEE SHEET 12)

MATCH LINE (SEE SHEET 10)



GULF DRIVE (S.R. 789)  
(200' PUBLIC R/W)

S 28°00'22" E 3660.13'  
RIGHT OF WAY

SHELL DRIVE

SHELL DRIVE

SHELL DRIVE

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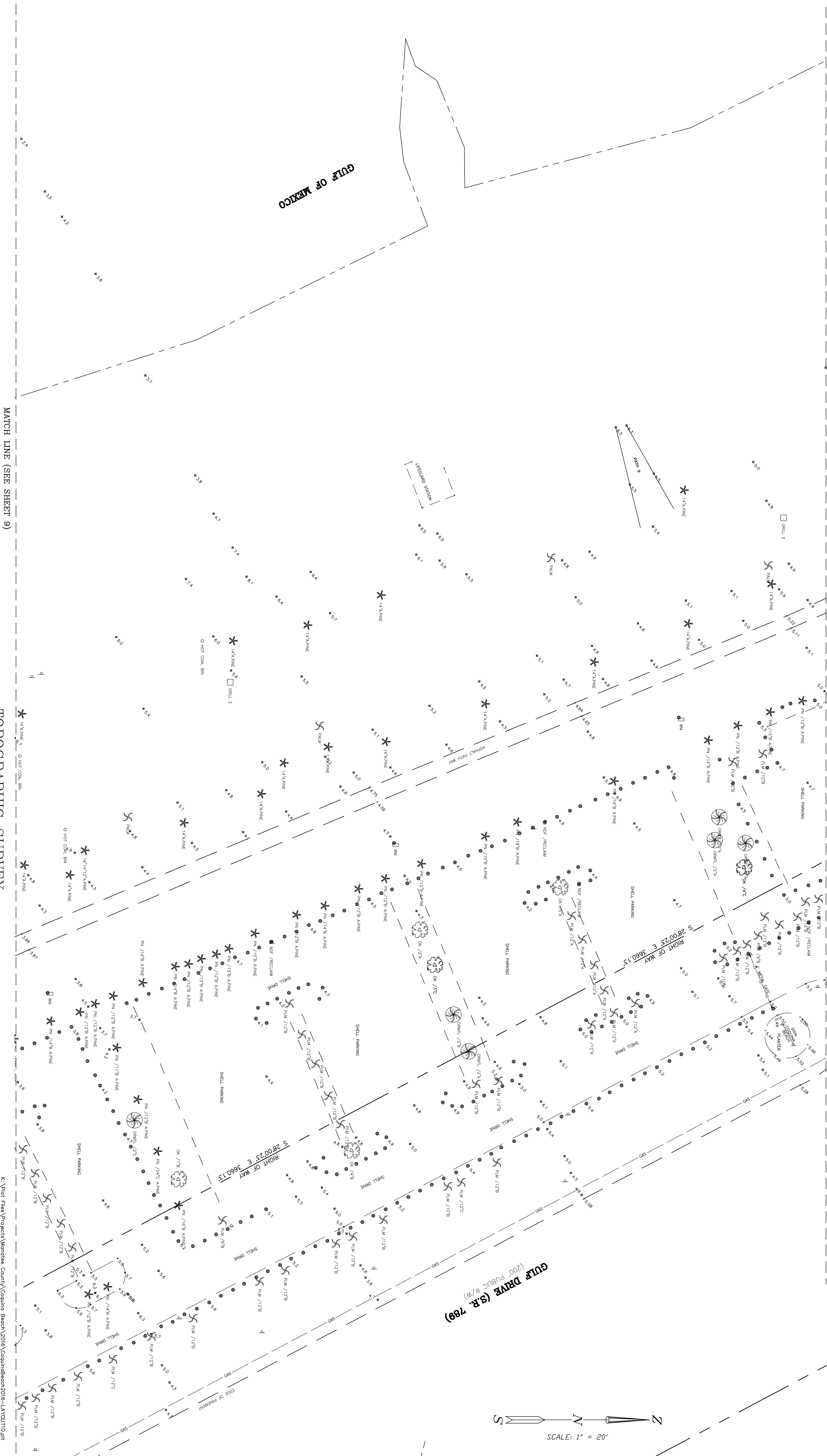
TOPOGRAPHIC SURVEY  
OF  
COQUINA BEACH  
LOCATED IN  
SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

NAVD 1988

NAD 83/2011

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MATCH LINE (SEE SHEET 11)



SCALE: 1" = 20'

MATCH LINE (SEE SHEET 9)

# TOPOGRAPHIC SURVEY

OF  
COQUINA BEACH

LOCATED IN

SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
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NAVVD 1988

NAD 83/2011

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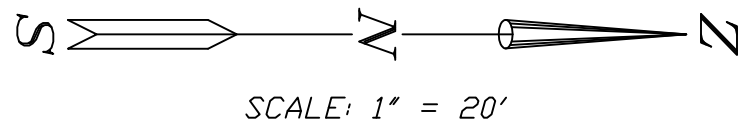
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MATCH LINE (SEE SHEET 10)

MATCH LINE (SEE SHEET 8)



MATCH LINE (SEE SHEET 8)

TOPOGRAPHIC SURVEY

COQUINA BEACH

LOCATED IN

SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST

MANATEE COUNTY, FLORIDA

NAVD 1988

NAD 83/2011

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DRAWN: bernie JOB NO.: 00-44064 FIELD BOOK: PAGE: 9 OF 12

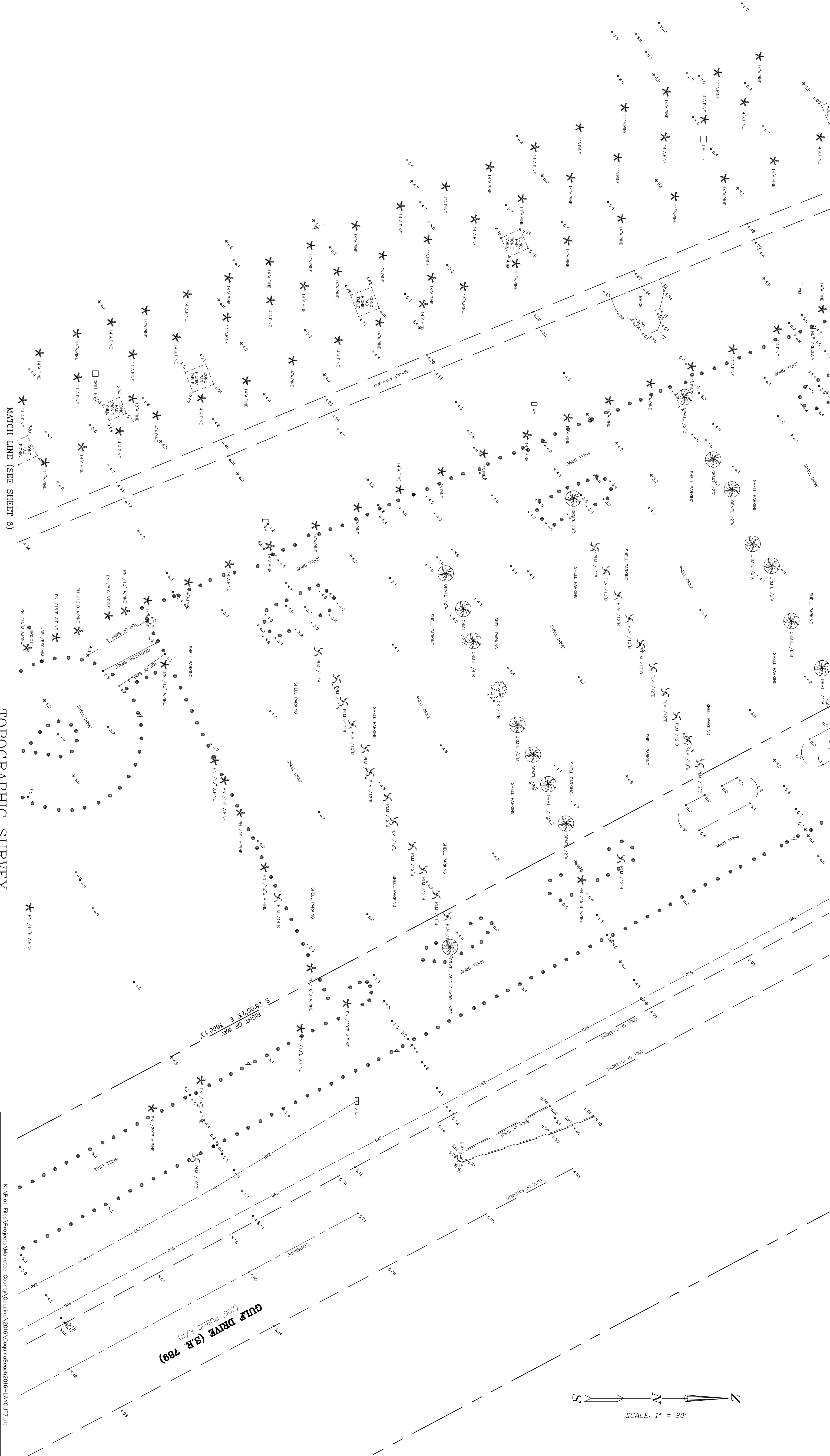
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MATCH LINE (SEE SHEET 8)



MATCH LINE (SEE SHEET 6)

# TOPOGRAPHIC SURVEY

OF

## COQUINA BEACH

LOCATED IN

SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

NAVD 1988

NAD 83/2011

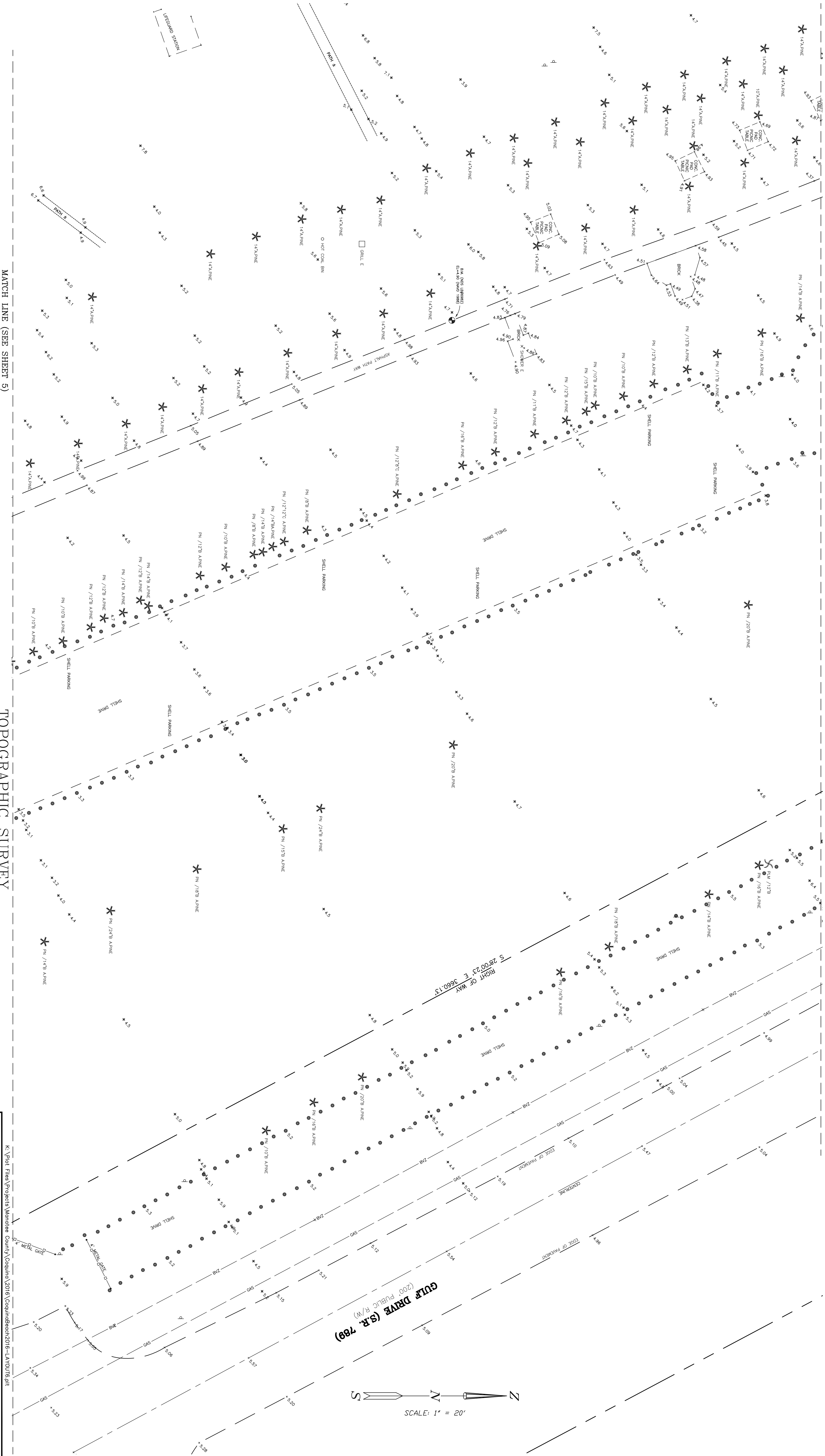
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MATCH LINE (SEE SHEET 7)



MATCH LINE (SEE SHEET 5)

TOPOGRAPHIC SURVEY

OF

COQUINA BEACH

LOCATED IN

SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

NAVVD 1988

NAD 83/2011

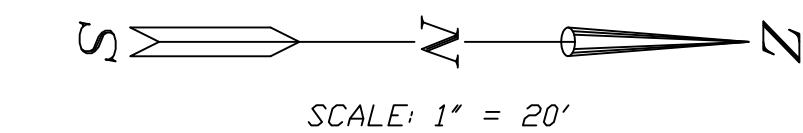
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**GULF DRIVE (S.R. 789)**  
(200' PUBLIC R/W)

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**NAD 83/2011**

COQUINA BEACH  
LOCATED IN  
& 15, TOWNSHIP 35 SOUTH,  
MANATEE COUNTY, FLORIDA

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15000042  
15000042

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MATCH LINE (SEE SHEET 5)



TOPOGRAPHIC SURVEY

OF  
COQUINA BEACH

LOCATED IN

SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

NAVD 1988

NAD 83/2011

MATCH LINE (SEE SHEET 3)

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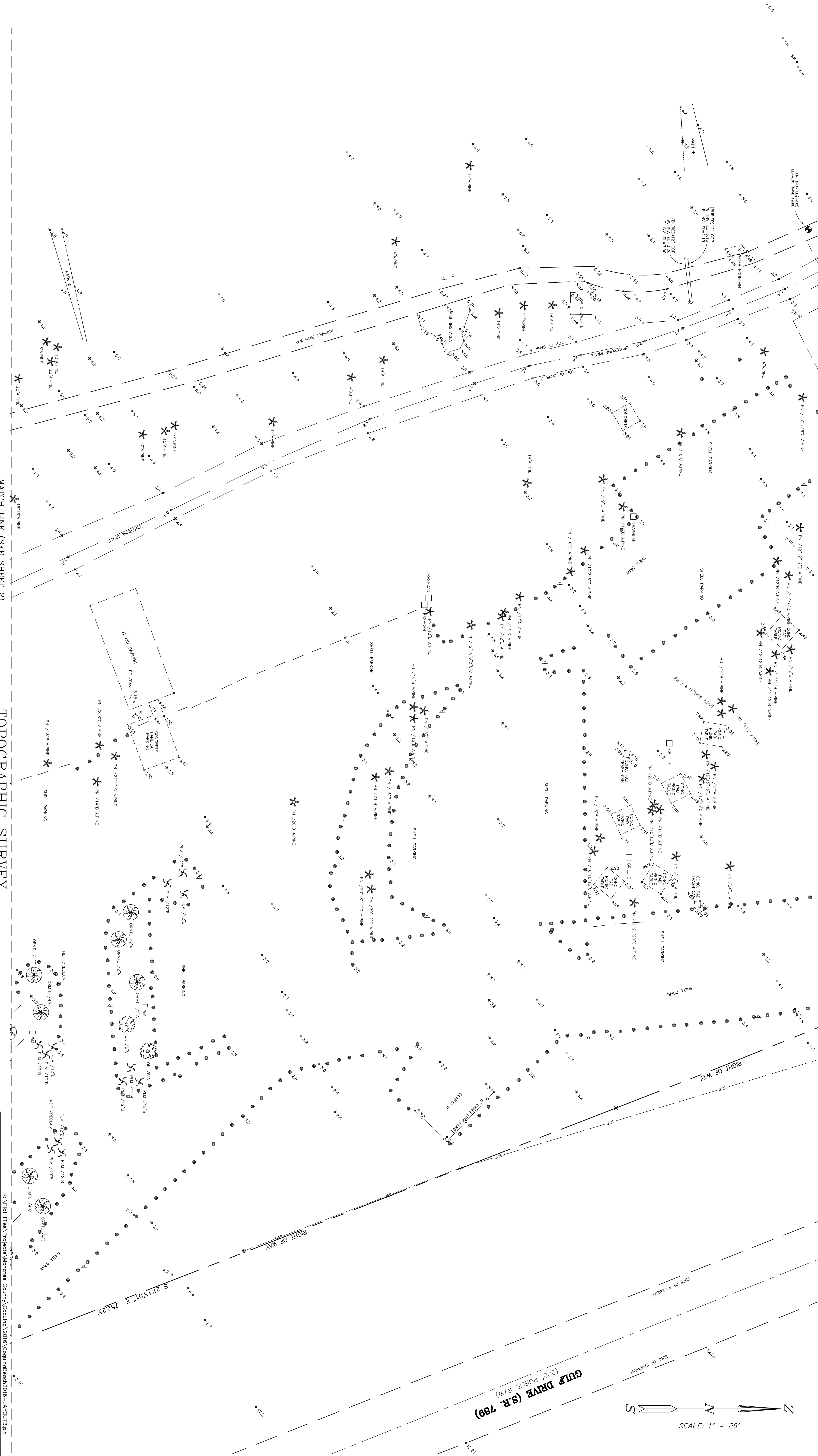


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MATCH LINE (SEE SHEET 4)



MATCH LINE (SEE SHEET 2)

# TOPOGRAPHIC SURVEY

OF

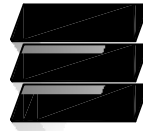
## COQUINA BEACH

LOCATED IN

SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

NAVVD 1988

NAD 83/2011



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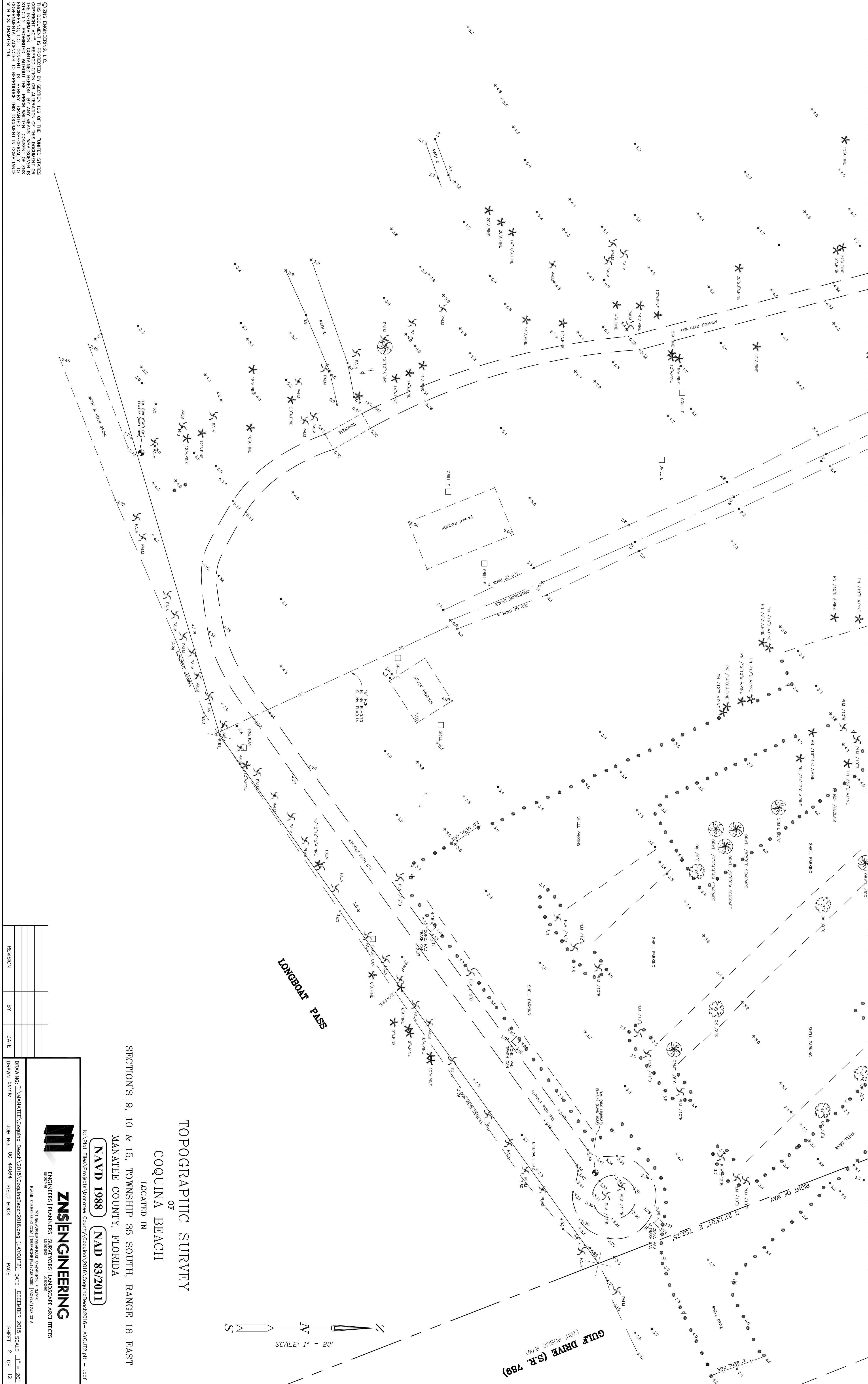
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F. MANATEE COUNTY BOARD OF COUNTY COMMISSIONERS

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MATCH LINE SEE SHEET 3



TOPOGRAPHIC SURVEY  
OF  
COQUINA BEACH  
LOCATED IN  
SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

NAV D 1988    NAD 83/2011

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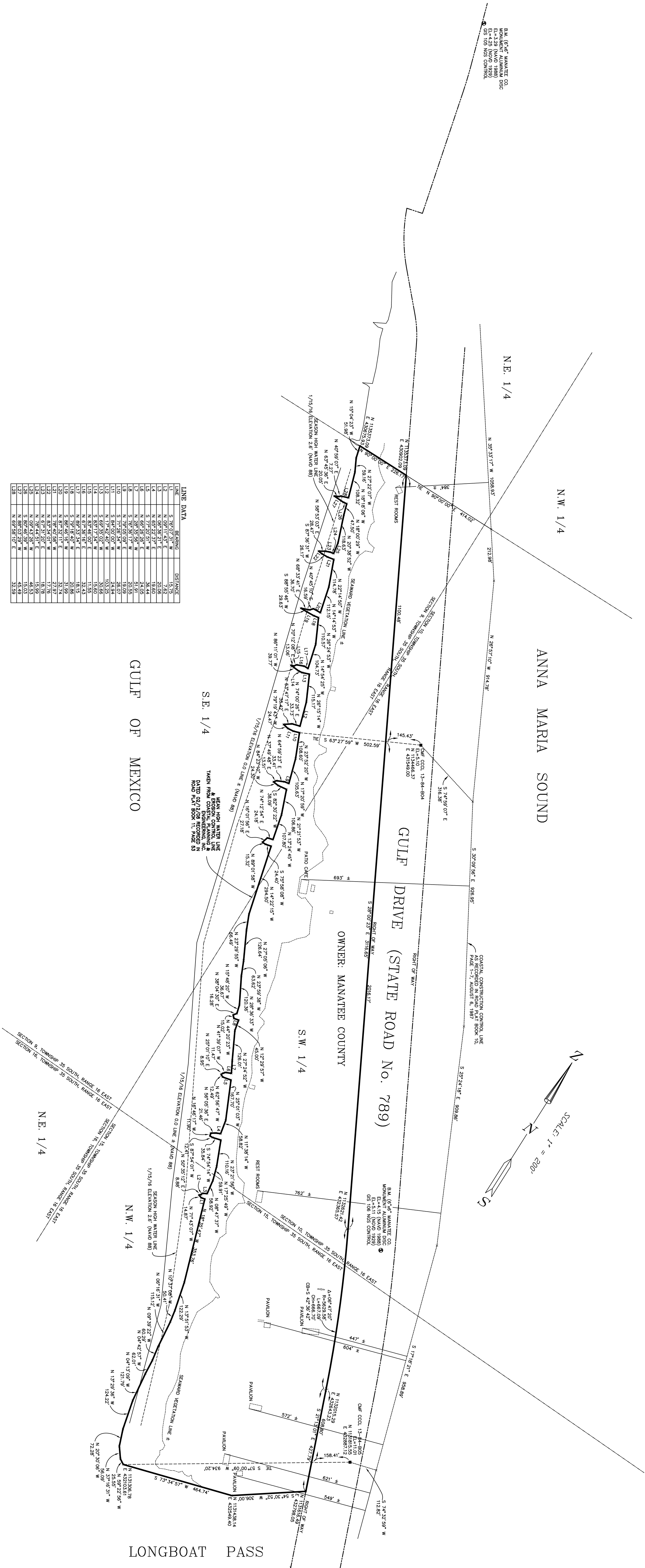
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| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| 1    | S 76°07'31" W | 15.75    |
| 2    | N 09°11'45" E | 7.62     |
| 3    | N 82°53'51" E | 12.63    |
| 4    | N 82°22'37" E | 19.60    |
| 5    | S 77°20'31" W | 36.44    |
| 6    | N 82°53'56" W | 12.50    |
| 7    | N 28°35'56" W | 51.91    |
| 8    | S 76°36'17" W | 20.55    |
| 9    | N 82°53'56" W | 12.50    |
| 10   | S 71°26'34" W | 26.07    |
| 11   | S 34°40'00" W | 24.94    |
| 12   | S 62°35'02" W | 10.62    |
| 13   | N 82°53'56" W | 15.60    |
| 14   | S 83°17'24" W | 18.15    |
| 15   | N 82°53'56" E | 11.55    |
| 16   | N 82°53'56" E | 11.55    |
| 17   | N 82°53'56" E | 18.15    |
| 18   | S 76°18'40" W | 20.86    |
| 19   | S 82°46'40" W | 13.93    |
| 20   | N 87°32'11" E | 32.74    |
| 21   | S 76°40'04" W | 27.97    |
| 22   | S 82°53'56" W | 12.50    |
| 23   | N 82°53'56" E | 18.78    |
| 24   | N 76°44'51" E | 15.93    |
| 25   | N 82°53'56" W | 15.03    |
| 26   | S 82°46'39" W | 15.03    |
| 27   | N 82°53'56" E | 15.03    |
| 28   | N 82°53'56" E | 32.59    |

DESCRIPTION

SE. 1/4 OF SECTION 9, TOWNSHIP 35 SOUTH, RANGE 16 EAST LAYING WEST OF GULF DRIVE (STATE ROAD #789)

S.W. 1/4 OF SECTION 10, TOWNSHIP 35 SOUTH, RANGE 16 EAST LAYING WEST OF GULF DRIVE (STATE ROAD #789)

N.W. 1/4 OF SECTION 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST LAYING WEST OF GULF DRIVE (STATE ROAD #789) AND NORTH OF LONGBOAT PASS

MANATEE COUNTY, FLORIDA

- NOTES:
1. BEARINGS ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE) NAD 83/2011 - EPOCH 2010.0000 AND ARE DERIVED FROM THE NGS CONTROL G5 105 AND G5 106 HAVING A BEARING OF S 28°20'15" E. THIS BEARING ORIENTATION IS DERIVED FROM THE FLORIDA PERMANENT REFERENCE NETWORK SITE "MANATEE G. STROOP CORB-APR" (DIP-41-7428).
  2. THERE MAY BE PORTIONS OF THIS PROPERTY WHICH MAY BE TREATED JURISDICTIONAL BY VARIOUS GOVERNMENT AGENCIES. THESE POSSIBLE JURISDICTIONAL AREAS HAVE NOT BEEN DEALT WITH AS PART OF THIS SURVEY.
  3. PORTIONS OF THIS SURVEY WERE UNDERTAKEN USING A TRIMBLE R8 GPS SYSTEM IN REAL TIME KINEMATIC MODE BASED ON THE FLORIDA PERMANENT REFERENCE NETWORK SITE "MANATEE G. STROOP CORB-APR" (DIP-41-7428). THE SURVEY WAS CONDUCTED USING A TRIMBLE R8 GPS SYSTEM IN REAL TIME KINEMATIC MODE BASED ON THE FLORIDA PERMANENT REFERENCE NETWORK SITE "MANATEE G. STROOP CORB-APR" (DIP-41-7428). OBSERVATIONS WERE MADE DURING TIME PERIODS WHEN FIVE OR MORE SATELLITES WERE AVAILABLE AND A PROOF OF LESS THAN FOUR WAS IN EFFECT.
  4. BEARINGS AND DISTANCES ARE FIELD MEASUREMENTS UNLESS NOTED OTHERWISE.
  5. ELEVATIONS ARE BASED ON NAVD 88 AND ARE DERIVED FROM BENCHMARK G5 105 HAVING AN ELEVATION OF 3.29 FEET NAVD 88.
  6. THIS SURVEY COMPLETES WITH SECTION 62B-33.10881, FLORIDA ADMINISTRATIVE CODE FOR CCL SURVEYS.

SPECIFIC PURPOSE SURVEY  
COASTAL CONSTRUCTION CONTROL LINE  
& EROSION CONTROL LINE (MEAN HIGH WATER LINE)  
OF  
COQUINA BEACH  
LOCATED IN  
SECTION'S 9, 10 & 15, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

FOR: MANATEE COUNTY

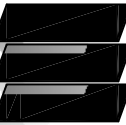
NOTE: THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED PROFESSIONAL SURVEYOR & MAPPER, HEREBY CERTIFY THAT THIS RECORD OF LAND SURVEY WAS PREPARED UNDER MY DIRECT SUPERVISION THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA, CHAPTER 51-17.050, OF THE FLORIDA ADMINISTRATIVE CODE.

FLORIDA CERTIFICATE No. 154292  
DATE OF CERTIFICATION 7/9/2016  
DATE OF FIELD SURVEY 1/20/2016  
BY: *[Signature]*  
R.E.M. EGGERTON, P.S.M.

DRAWING: I:\MANATEE\Coquina Beach\2016\CoquinaBeach\2016-LAYOUT13.plt  
JOB NO. 00-44064 FIELD BOOK PAGE 1 OF 1



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