LEGAL DESCRIPTION:

LOT 37, BLOCK Z, SIXTH ADDITION TO GULF SHORES, AS RECORDED IN PLAT BOOK 23, PAGES 74 THROUGH 75, OF THE PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA.

BEARING:

BEARINGS ARE BASED UPON THE SOUTHERLY LINE LOT 37, S 48°20'14" W, PLATTED BEARING

ELEVATIONS:

ELEVATIONS DERIVED FROM DEPT. OF TRANSPORTATION G.P.S. NETWORK SYSTEM FTP SITE. N.A.V.D. '88 DATUM.

FLOOD ZONES:

PROPERTY APPEARS TO BE IN FLOOD ZONE "AE" PANEL #11203C-0191 SUFFIX "G" ACCORDING TO NATIONAL FLOOD INSURANCE RATE MAP. REVISED 9-3-2003 BASE FLOOD ELEVATION = 11.00', COASTAL "A"

SITE DATA TABLE:

GOVERNING MUNICIPALITY:	MADEIRA BEACH
ZONING:	R-1
PARCEL ID:	10-31-15-34416-026-03
TOTAL SITE AREA:	0.13 ACRES (5,646 SF)
ZONING DISTRICT REQUIREMENTS:	

MIN. LOT AREA: MIN. LOT WIDTH:	5,000 SF 50 FT
MIN. LOT DEPTH:	80 FT
MAX. DENSITY:	
	7.5 UNITS PER ACRE
MIN. FRONT YARD SETBACK:	20 FT
(FROM R.O.W. LINE TO STRUCTURE)	
MIN. REAR YARD SETBACK:	30 FT
(FOR WATERFRONT LOTS)	
TOTAL SIDE YARD SETBACK:	15 FT
(MIN. OF 7 FT ON EITHER SIDE)	
MAX. OVERALL HEIGHT:	40 FT
(FROM BASE FLOOD ELEVATION)	
MAX. FAR:	0.80
MAX. STRUCTURE SURFACE AREA	0.40
IMPERVIOUS SURFACE RATIO:	0.65

IMPERVIOUS SURFACE CALCULATION:

TOTAL SITE AREA:	5,646
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EXISTING IMPERVIOUS:

BUILDING: PARKING AND DRIVEWAY: PAVERS AND POOL:	2,088 SF 764 SF 862 SF
TOTAL EX. IMP.:	3,714 SF
EX. IMP. PERCENTAGE:	65.8%
PROPOSED IMPERVIOUS:	
PROP. BUILDING: PAVERS: POOL AREA: CONCRETE:	2,136 SF 141 SF 1,010 SF 87 SF

LANDSCAPE PERCENTAGE:

PROP. IMP. PERCENTAGE:

TOTAL PROP. IMP.

PROP. LANDSCAPE CALCULATION:		
	TOTAL SITE AREA: TOTAL EX. LANDSCAPE:	5,646 SF 1,932 SF
	REQUIRED LANDSCAPE: 5,646 SF * 0.25 = PROP. LANDSCAPE:	1,280 SF 2,272 SF

LEGEND				
A/C B.R. C. C.M. CONC. CALC. CATV COR. D D.E. EL	AIR CONDITIONER BEARING REFERENCE CALCULATED CONCRETE MONUMENT CONCRETE CALCULATED CABLE TELEVESION RISER CORNER DESCRIPTION OR DEED DRAINAGE EASEMENT ELEVATION	N. N.A.V.D. N&D O.H.L. O.R.B. P. P.B. PG. P.I. P.K. P.O.L.	NORTH N AMERICAN VERT DATUM NAIL & DISC OVERHEAD LINES OFFICIAL RECORDS BOOK PLAT PLAT BOOK PAGE POINT OF INTERSECTION PARKER-KAYLON NAIL POINT ON LINE	
E.	EAST	P.P.	UTILITY POLE	
E.O.P.	EDGE OF PAVEMENT	PVC	POLYVINYL CHLORIDE	

3,374 SF

59.8%

40.2%

EASEMENT P.O.C. R/W FINISHED FLOOR POINT OF COMMENCEMENT RIGHT OF WAY FOUND **IRON PIPE** SIDEWALK **IRON ROD** SECTION ARC LENGTH **TRANSFORMER** FIELD MEASURED MAINTENANCE EASEMENT TYPICAL UTILITY EASEMENT FLOW ARROW = WATER METER **ELEVATIONS =**

ELEVATIONS = 60.50 UTILITY POLE TO BE REMOVED

REVISION

ENGINEER'S CERTIFICATION MICHAEL ENOLAW FL. ENG=79407

SITE BENCHMARK

ELEVATION = 3.45'

SET P.K. NAIL IN ROAD-

MINIMUM GRADE SLOPES ARE AS FOLLOWS:

(141 SF)

- APPROX. SWALE CL

DOWNSPOUTS TO RELEASE ON DRIVEWAY,

APPROX. SWALE CL-

-PROP. CONC. RETAINING WALLS.

-EX. SEWER CLEANOUT LÔCATION

-5.0' UTILITY EASEMENT

CURVE NUMBER 1

RADIUS= 1975.00

CURVE NUMBER 2

RADIUS= 1875.00

CHORD BRG. N.40°53'56"W.

CHORD BRG. N.40°53'56"W.

ULT

ARC= 52.67

ARC= 50.00

CHORD= 50.00

CHORD= 52.67

PER O.R. BOOK 1138, PAGE 553

TOP OF WALL MUST BE 6" MIN. ABOVE

BLOCK Z

DRIVEWAY. STRUCTURAL DESIGN BY OTHERS

AND TO BE DIRECTED TOWARD ROW

NEEDED TO

FRONT YARD - 2.0%

SWALES - 1.0%

INSTALL ±62 LF X 5' (W) X 3"-6" (D) ROUTING-

UTILIZE PROPERTY LINE ELEVATION AS

RESIDENCE AND PROPERTY LINE

SWALE HIGH POINT AND CREATE CHANNEL WITH POSITIVE DISCHARGE BETWEEN

PROP. CONC. RETAINING WALLS.—

CONNECT TO EX. METER —

SEE PAVER DETAIL-

IN SHEET 2 OF 2

COMMON NAME

SWEETBAY

TOP OF WALL MUST BE 6" MIN. ABOVE

DRIVEWAY. STRUCTURAL DESIGN BY OTHERS

PROP. 1.5" PE SERVICE LINE TO CONNECT TO EX. WATER METER-

WATER METER DRAINAGE NOTE: CONTACT ENGINEER FOR REVISION

SPACE BETWEEN EX. METERS)

TO DRAINAGE OUTLET LOCATION IF

CONDITIONS IN FIELD DO NOT ALLOW

PROPOSED CONFIGURATION DUE TO

SITE BENCHMARK

ELEVATION = 3.20'

SHADE TREES

DRAWN

SYMBOL No. BOTANICAL NAME

2 MAGNOLIA VIRGINIANA

SET P.K. NAIL IN ROAD

MIN. SWALE SLOPE = 1%

SWALE TO DIVERT ONFLOWS TOWARDS ROW

REAR AND SIDE YARDS - 1.5%

EX. PAVERS TO BE PICKED UP AND-RELAID AT PROPOSED ELEVATIONS

LOT 36

SLOPE 4:1 TO-

PROP. GRADE

BLOCK Z



DESIGNED:

ENVIRONMENTAL ENGINEERING CONSULTANTS, INC.

DRAWN:

ULT

CONSULTING ENGINEERS AND **ENVIRONMENTAL SCIENTISTS** ENGINEERING BUSINESS NUMBER - 2948 5119 NORTH FLORIDA AVENUE P.O. BOX 7854 TAMPA, FLORIDA 33673

BOCA CIEGA BAY

PLATTED LOT LINE

—CONTRACTOR TO ENSURE FLOW PATTERNS

NOTIFY ENGINEER IF CONDITIONS IN FIELD

PRESENT DIFFICULTY.

DOWNSPOUTS TO RELEASE ON DRIVEWAY,

-SWALE TO BE 1.3% SLOPE TOWARDS

SEAWALL AND 1.2% SLOPE TOWARDS

-PROP. 4" C900 DR18 PVC PIPE TO CONNECT TO EX. SEWER CLEANOUT

BRUCE AVE ROW FROM EX. GRADE BREAK

NEAR SOUTH CORNER OF PROP. BUILDING

AND TO BE DIRECTED TOWARD ROW

ALONG PROPERTY BOUNDARIES ARE MAINTAINED

DRAINAGE NARRATIVE:

NORTH SIDE REAR:

TOWARDS SEAWALL.

SOUTH SIDE FRONT:

NORTH SIDE CENTER AND FRONT:

SOUTH SIDE CENTER AND REAR:

-INSTALL ±111 LF

DIRECTED OFFSITE

REAR 29 LF IS 4" (D)

Removed from design

ALL ROOF FLOWS TO BE DIRECTED VIA GUTTER AND

DOWNSPOUTS TO DRIVEWAY. ENSURE FLOWS TOWARDS ROW.

EXISTING GRADES ARE SUCH THAT ONFLOWS ARE DIRECTED

CREATE SWALE TO DIRECT ONFLOWS TOWARDS ROW. USE

CHANNEL WITH POSITIVE DISCHARGE TOWARDS STREET.

PROPERTY ELEVATIONS AS HIGH POINT IN SWALE AND CREATE

CREATE SWALE TO DIRECT FLOWS TOWARDS SEAWALL AND

CHANNEL WITH POSITIVE DISCHARGE TOWARDS ROW. paid in full.

CHANNEL WITH POSITIVE DISCHARGE TOWARDS SEAWALL

PREVENT OUTFLOWS TOWARDS NEIGHBOR. USE PROPERTY TO PERMIT OR APPROVE THE VIOLATION OF ANY CIT

LINE ELEVATIONS AS HIGH POINT IN SWALE AND CREATE COUNTY, OR STATE LAW, CODE, REGULATION OR ORDINANCE

CREATE SWALE TO DIRECT FLOWS TOWARDS ROW AND* Permit expiration within 6 months from date of original

PREVENT OUTFLOWS TOWARDS NEIGHBOR. USE PROPERPYVAL or issuance per Code Section 14-189
LINE ELEVATIONS AS HIGH POINT IN SWALE AND CREATE No work shall be performed until this permit application
LINE ELEVATIONS AS HIGH POINT IN SWALE AND CREATE No work shall be performed until this permit fees

2'-5' (W) X 4"-6" (D) ROUTING

SWALE TO ENSURE FLOWS

REMAINING PORTION IS 6" (D)

FROM POOL AREA AREN'T

FND 1"I.I

POOL AREA /

(1,010 SF)

NO CHANGES TO-

POOL DECK AREA

PHONE: 1-800-229-3781

MADEIRA BEACH, FL 33708 CHECKED: MJN

PROPOSED DRAINAGE PLAN SKILL ARCHITECTURE 14097 E PARSLEY DRIVE

PLANS REVIEWED FOR CODE COMPLIANCE

N ACCORDANCE WITH THE BUILDING CODE

WITH EXCEPTIONS NOTED

FEB 13 7023

12-15-22

DATE: SCALE: JUNE 2022 1" = 10' JOB NUMBER: SHEET:

2022109

1 OF 2

W

ESC

note

DRAINAGE CONSTRUCTION NOTES:

PROJECT

LOCATION

- 1. ALL ON-SITE CONSTRUCTION SHALL COMPLY WITH
- PINELLAS COUNTY AND STATE CODES. 2. VERIFY ALL LOCATIONS, ELEVATIONS, AND DIMENSIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE

ENGINEER IMMEDIATELY. 3. ARRANGE SEQUENCE OF ACTIVITIES TO PROVIDE SOIL EROSION PROTECTION AND PREVENT OFF-SITE STORMWATER RUNOFF. SILT CURTAINS ON PERIMETER. 4. GRADING SHALL BE COMPLETED WITHIN 0.1 FEET

5. ALL NEW SLOPES AND STORMWATER SWALES SHALL BE SODDED.

TOLERANCE OF ELEVATIONS INDICATED ON PLANS.

PROJECT NARRATIVE:

PROPOSED HOME RAISE. 1ST FLOOR IS THE GARAGE FLOOR USED FOR PARKING AND STORAGE AT 4.81' ELEVATION. 2ND FLOOR IS AT 17.44' ELEVATION. EXISTING RESIDENCE IS BEING RAISED AND ADDITIONAL SPACES ADDED. DRIVEWAY IS RECONFIGURED

SURVEY PROVIDED BY:

DON WILLIAMSON & ASSOCIATES, INC. PROFESSIONAL SURVEYORS & MAPPERS LB # 6945 5020 GUNN HIGHWAY SUITE 220 A TAMPA, FL 33624 PHONE: (813) 265-4795 FAX: (813) 264-6062 WILLIAMSONSURVEYING@VERIZON.NET FIELD DATE: 4-10-2021 JOB NUMBER: 21-350

UTILITY NOTES:

EXISTING SITE IS CONNECTED TO WATER/SEWER. PROPOSED SITE WILL USE SAME CONNECTIONS.

ELECTRIC SERVICE TO HOUSE MUST BE UNDERGROUND.

LANDSCAPE NOTES:

THE PERIMETER LANDSCAPING FOR RESIDENTIAL MULTIFAMILY OR COMMERCIAL SHALL BE AS FOLLOWS:

- 1. THE EXTERIOR OF ALL VEHICULAR USE AREAS SHALL BE LANDSCAPED WITH A BUFFER STRIP WHICH IS AT LEAST FIVE FEET IN WIDTH. SUCH BUFFER STRIPS SHALL INCLUDE ONE TREE FOR EACH 35 LINEAR FEET, OR FRACTION THEREOF, OF PERIMETER. THESE TREES MAY BE PLANTED IN CLUSTERS OR GROUPINGS AND NOT NECESSARILY IN AN EQUIDISTANT ROW PLANTING HEDGES OR OTHER DURABLE LANDSCAPE BARRIERS SHALL BE INSTALLED IN SUCH A MANNER AS TO SCREEN THE VEHICULAR USE AREA FROM THE PUBLIC RIGHT-OF-WAY, IF APPLICABLE.
- 2. TREES OR PALMS HAVING A AVERAGE MATURE CROWN SPREAD OF LESS THAN 15 FEET MAY BE GROUPED SO AS TO CREATE THE EQUIVALENT OF 15-FOOT SPREAD. ALL REQUIRED TREES, OTHER THAN PALMS, SHALL BE A MINIMUM OF EIGHT FEET IN HEIGHT AT TIME OF PLANTING. IF PALMS ARE USED, THEY SHALL CONSIST OF NO MORE THAN 50 PERCENT OF THE TOTAL TREE REQUIREMENT AND SHALL HAVE A MINIMUM OF TEN FEET OF CLEAR WOOD AT PLANTING.







