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MARGARITAVILLE -
SLIDES & TOWER

WATER BODIES	NO. FT.
SLIDE POOL	2,000.00
TOTAL	2,000.00

NO. OF POOL (SQ. FT.)	WATER RESTROOMS	W.C.	LAUNDRY	W.C.	LAUNDRY	WOMEN RESTROOMS	W.C.	LAUNDRY
REQUIRED	1	1	1	1	1	1	1	1
PROVIDED	1	1	1	1	1	1	1	1

FLORIDA PLUMBING CODE 8TH EDITION (2023), SECTION 403 SANITARY FACILITIES FOR PUBLIC SWIMMING POOLS

RESTROOMS SHALL INCLUDE A WATER CLOSET, A CHANGING TABLE, AND A LAUNDRY. CHANGING TABLES ARE NOT REQUIRED AT RESTROOMS WHERE ALL POOLS SERVED ARE RESTRICTED TO ADULT USE ONLY. THE ENTRY DOORS OF ALL RESTROOMS SHALL BE LOCATED WITHIN A 20-FOOT WALKING DISTANCE OF THE NEAREST WATER'S EDGE OF EACH POOL SERVED BY THE FACILITIES.

IF RESTROOMS SHALL BE PROVIDED AS INDICATED ON TABLE 403.6, ROUNDED UP TO THE NEXT WHOLE NUMBER. THE FEATURE COUNT ON THIS CHART DESIGNED TO BE ADEQUATE FOR THE POOL AND POOL DECK AREA THAT IS UP TO THREE TIMES THE AREA OF THE POOL SURFACE PROVIDED.

WHERE RESTROOMS ARE LOCATED WITHIN AN ADJACENT BUILDING AND THE RESTROOM DOORS DO NOT OPEN TO THE OUTSIDE, THE RESTROOM DOORS SHALL BE WITHIN 50 FT. OF THE MAIN ENTRY TO THE BUILDING.

IF THE RESTROOMS ARE NOT VISIBLE FROM ANY PORTION OF THE POOL DECK, SIGNS SHALL BE POSTED SHOWING DIRECTIONS TO THE FACILITIES. DIRECTIONS SHALL BE LEGIBLE & VISIBLE FROM VACUUM BREAKERS LOCATED IN OR WITHIN 50 FT. OF EACH RESTROOM.

RESTROOM FLOORS SHALL SLOPE TO FLOOR DRAIN.

IF RESTROOMS ARE LOCATED WITHIN A BUILDING, THE FLOOR SHALL BE COVERED.

IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 10% OF THE REQUIRED WATER CLOSETS IN ASSEMBLY AND EDUCATIONAL OCCUPANCIES. URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 10% OF THE REQUIRED WATER CLOSETS IN ALL OTHER OCCUPANCIES.

W.C.	WATER RESTROOM	LAUNDRY	W.C.	WATER RESTROOM	LAUNDRY
1 PER 1,000 FOR FIRST 10,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 10,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000	1 PER 1,000 FOR FIRST 10,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 10,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000

TABLE 403.6 PUBLIC SWIMMING POOL - REQUIRED FEATURE COUNT

WATER BODIES	NO. FT.
SLIDE POOL	1,000.00
TOTAL	1,000.00

NO. OF POOL (SQ. FT.)	WATER RESTROOMS	W.C.	LAUNDRY	W.C.	LAUNDRY	WOMEN RESTROOMS	W.C.	LAUNDRY
REQUIRED	1	1	1	1	1	1	1	1
PROVIDED	1	1	1	1	1	1	1	1

FLORIDA PLUMBING CODE 8TH EDITION (2023), SECTION 403 SANITARY FACILITIES FOR PUBLIC SWIMMING POOLS

RESTROOMS SHALL INCLUDE A WATER CLOSET, A CHANGING TABLE, AND A LAUNDRY. CHANGING TABLES ARE NOT REQUIRED AT RESTROOMS WHERE ALL POOLS SERVED ARE RESTRICTED TO ADULT USE ONLY. THE ENTRY DOORS OF ALL RESTROOMS SHALL BE LOCATED WITHIN A 20-FOOT WALKING DISTANCE OF THE NEAREST WATER'S EDGE OF EACH POOL SERVED BY THE FACILITIES.

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WHERE RESTROOMS ARE LOCATED WITHIN AN ADJACENT BUILDING AND THE RESTROOM DOORS DO NOT OPEN TO THE OUTSIDE, THE RESTROOM DOORS SHALL BE WITHIN 50 FT. OF THE MAIN ENTRY TO THE BUILDING.

IF THE RESTROOMS ARE NOT VISIBLE FROM ANY PORTION OF THE POOL DECK, SIGNS SHALL BE POSTED SHOWING DIRECTIONS TO THE FACILITIES. DIRECTIONS SHALL BE LEGIBLE & VISIBLE FROM VACUUM BREAKERS LOCATED IN OR WITHIN 50 FT. OF EACH RESTROOM.

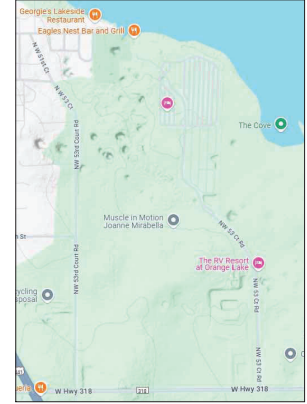
RESTROOM FLOORS SHALL SLOPE TO FLOOR DRAIN.

IF RESTROOMS ARE LOCATED WITHIN A BUILDING, THE FLOOR SHALL BE COVERED.

IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 10% OF THE REQUIRED WATER CLOSETS IN ASSEMBLY AND EDUCATIONAL OCCUPANCIES. URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 10% OF THE REQUIRED WATER CLOSETS IN ALL OTHER OCCUPANCIES.

W.C.	WATER RESTROOM	LAUNDRY	W.C.	WATER RESTROOM	LAUNDRY
1 PER 1,000 FOR FIRST 10,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 10,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000	1 PER 1,000 FOR FIRST 10,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 10,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000	1 PER 1,000 FOR FIRST 1,000, 1 PER 1,000 FOR REMAINDER EXCEEDING 1,000

TABLE 403.6 PUBLIC SWIMMING POOL - REQUIRED FEATURE COUNT

LOCATION MAP
SCALE: N.T.S.

GENERAL NOTES AND SPECIFICATIONS

ELECTRICAL NOTES:

- BONDING OF ALL STEEL SLIDE SUPPORTS AND FOOTER REINFORCING SHALL BE PER THE 2020 N.E.C. (N.F.P.A. - 70) AND 2023 LIFE SAFETY CODE (N.F.P.A. - 101) FLORIDA EDITION OR THE LOCALLY ADOPTED AND ENFORCED EDITION OF THE ELECTRICAL AND LIFE SAFETY CODES.

STRUCTURAL NOTES:

- 10% GENERAL STRUCTURAL DRAWINGS ARE TO BE USED IN SPECIFICATIONS, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS AS A PART OF THE CONTRACT DOCUMENTS. CONSULT THESE DRAWINGS FOR FEATURES AND DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS. DRAWING DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING. ENGINEERING AND CONSTRUCTION SHALL BE VERIFIED IN THE FIELD. THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF-SUPPORTING WHEN COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE MEANS AND METHODS OF CONSTRUCTION TO PROVIDE STABILITY FOR THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES ANY TEMPORARY BRACING, SHORING, GUYS, OR TOWERS. (PER ATCM 2020 EDITION F2378-2.14, STANDARDS)

10% DESIGN LOADS

THE STRUCTURAL DESIGN FOR THIS BUILDING IS IN ACCORDANCE WITH THE FLORIDA STATE BUILDING CODE EIGHTH EDITION (2023), AND ASTM F2378-2.14. THE FOLLOWING LOADINGS HAVE BEEN USED: SPHALL SLIDE SECTIONS SHALL BE TREATED AS SOLID SECTIONS.

LIVE LOADS:

ROOF DEAD LOAD	200 LB/FT ²
ROOF WIND	300 LB/FT ²
ROOF SNOW	20 LB/FT ²
ROOF LIVE LOAD	15 FT/FT
CONCENTRIC FORCE	2100 LB/FT
DECK SURFACE POINT LOAD	2100 LB/FT

DECK LOADS:

DECK DEAD LOAD	25 LB/FT ²
DECK LIVE LOAD	200 LB/FT ²

WATER LOADS: WATER LOAD CALCULATED AT 16.88 PER LINEAR FOOT (WATER [10' x 10' x 12']

PRESUMED LINEAR FOOT OF SLIDE:

DECK WEIGHT	228 LB/FT ²
WATER WEIGHT	210 LB/FT ²
WATER WEIGHT	210 LB/FT ²
WATER WEIGHT	210 LB/FT ²

WIND LOADS:

WIND SPEED	140 MPH
WIND EXPOSURE FACTOR	1
WIND EXPOSURE	2
WIND EXPOSURE	2
INTERNAL PRESSURE COEFFICIENT	PARTIALLY ENCLOSED STRUCTURE (+0.55/-0.55)

SOIL FOUNDATIONS

DESIGNER SHALL PROVIDE AN ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF ON CLEAN COMPACTED SOIL. REPORT SHALL INCLUDE RECOMMENDATIONS FOR SITE PREPARATION AND FOUNDATIONS. SCOTT R. VAUGHN, P.E. SHALL HAVE NO LIABILITY EXPRESSED OR IMPLIED FOR THE PERFORMANCE OF THE FOUNDATION. A GEOTECHNICAL REPORT IS NOT PROVIDED. SOILS ARE TO BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-1557.

STEEL REINFORCING STEEL

STEEL SHALL BE CHLORINE TREATED BARS ASTM A615 GRADE 60. FABRICATE AND PLACE STEEL IN ACCORDANCE WITH ACI MANUAL OF STANDARD PRACTICE AND ACI 318-15 UNLESS NOTED OTHERWISE. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION.

SLAB ON GRADE

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, MINIMUM LAP IS 12 SPACES. ALTERNATELY, THE CONCRETE MAY CONTAIN FIBERGLASS POLYPROPYLENE FIBER AS MANUFACTURED BY FIBERMESH OR AN ENGINEER APPROVED SUBSTITUTION. CONCRETE MIX DESIGN SHOP DRAWING SUBMITTAL MUST INDICATE PRODUCT DATA AND DOSAGE RATE.

CONCRETE

CONCRETE SHALL BE AN APPROVED MIX DESIGN TO ACHIEVE A COMPRESSIVE STRENGTH AT 28 DAYS, AS SCHEDULED BELOW, PLACED IN ACCORDANCE WITH ACI STANDARDS AND SPECIFICATIONS. MIXES BATCHED 90 MINUTES BEFORE FINAL PLACING SHALL NOT BE USED. MIX DESIGNS WITH COARSE AGGREGATE OF LESS THAN 10# (90#) OR SMALLER MAY NOT BE USED. ALL OTHER STRUCTURAL CONCRETE 4000 PSI FOUNDATIONS

EPOXY ANCHORS

EPOXY ANCHORS SHALL BE HELIX HAS 3/8" HDL, HIGH CARBON STEEL, OR ENGINEER APPROVED SUBSTITUTION. RODS SET TO A MINIMUM EMBEDDED CONCRETE DEPTH OF 8" FOR 1/4" THICK FOOTERS WITH HELIX HAS 1/2" 20# EPOXY 28 DAYS AFTER CONCRETE INSTALLATION.

STEEL

ALL STEEL SHALL BE A-36 HOT DIPPED GALVANIZED. ALL WELDS SHALL BE 1/4" CONTINUOUS UNLESS NOTED OTHERWISE AND GROUND FLUSH WITHOUT BURRS. ALL UNCOATED STEEL SHALL BE COLO GALVANIZED PAINTED.

STAIRS

STAIRS SHALL BE BUILT IN ACCORDANCE WITH 2023 FLORIDA STATE BUILDING CODE - EIGHTH EDITION.

GUARDRAILS

GUARDRAILS SHALL FORM A VERTICAL PROTECTIVE BARRIER NOT LESS THAN 42 INCHES HIGH. OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL PATTERN SUCH THAT A 4 INCH DIAMETER SPHERE CANNOT PASS THROUGH ANY OPENING. GUARDRAILS OR CHAIRS SHALL BE PROVIDED THAT WILL RESIST THE PRESSURE OF A 4 INCH DIAMETER SPHERE. IN COMPLIANCE WITH 2023 FLORIDA STATE BUILDING CODE - EIGHTH EDITION.

HANDRAILS

HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12 INCHES BEYOND THE TOP RIGGS AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RIGGS. IN COMPLIANCE WITH 2023 EIGHTH EDITION FRC. ADDITIONALLY CLEARANCE FROM THE GUARDRAIL TO THE HANDRAIL SHALL BE AT LEAST 2" (FPCA 1017.2.4.5.5)

RIDER POSITIONING

THE RIDER SHALL BE POSITIONED FOR ONLY ONE RIDER AT A TIME WITH RIDER IN SUPINE POSITION (LAPPING FACE UP). RIDER SHALL NOT EXCEED 3 Gs OF ACCELERATION AT ANY POINT DURING THE RIDE. IN ACCORDANCE WITH ASTM F2378 - 8.3.2 (EIGHTH EDITION)

PLANT MATERIAL PROPERTIES

POLYURETHANE TUBES	COMPOSITE MAKEUP	50%
BLUE THICKNESS	0.25 IN	
COMPOSITE TUBES LENGTH	31.0 IN	
MODULUS OF ELASTICITY	420,000 PSI	
COMPOSITE HOOP STRESS	27,500 PSI	

OVERLAP SLIDE BLADE

START 108 INCHES FROM 1" HAS A SLOPE OF 1%.

SECTIONS 40-45 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 45-51 ENTER THE POOL AT WATER LEVEL WITH A SLOPE OF LESS THAN 10%.

ENVELOPED SLIDE BLADE

SECTIONS 40-45 HAVE A SLOPE OF 1% OR 1/4" IN 20'.

SECTIONS 45-51 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 51-55 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 55-60 ENTER THE POOL AT WATER LEVEL WITH A SLOPE OF LESS THAN 10%.

SECTIONS 60-65 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 65-70 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 70-75 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 75-80 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 80-85 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 85-90 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 90-95 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 95-100 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 100-105 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 105-110 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 110-115 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 115-120 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 120-125 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 125-130 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 130-135 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 135-140 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 140-145 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 145-150 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 150-155 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 155-160 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 160-165 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 165-170 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 170-175 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 175-180 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 180-185 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 185-190 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 190-195 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 195-200 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 200-205 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 205-210 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 210-215 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 215-220 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 220-225 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 225-230 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 230-235 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 235-240 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 240-245 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 245-250 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 250-255 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 255-260 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 260-265 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 265-270 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 270-275 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

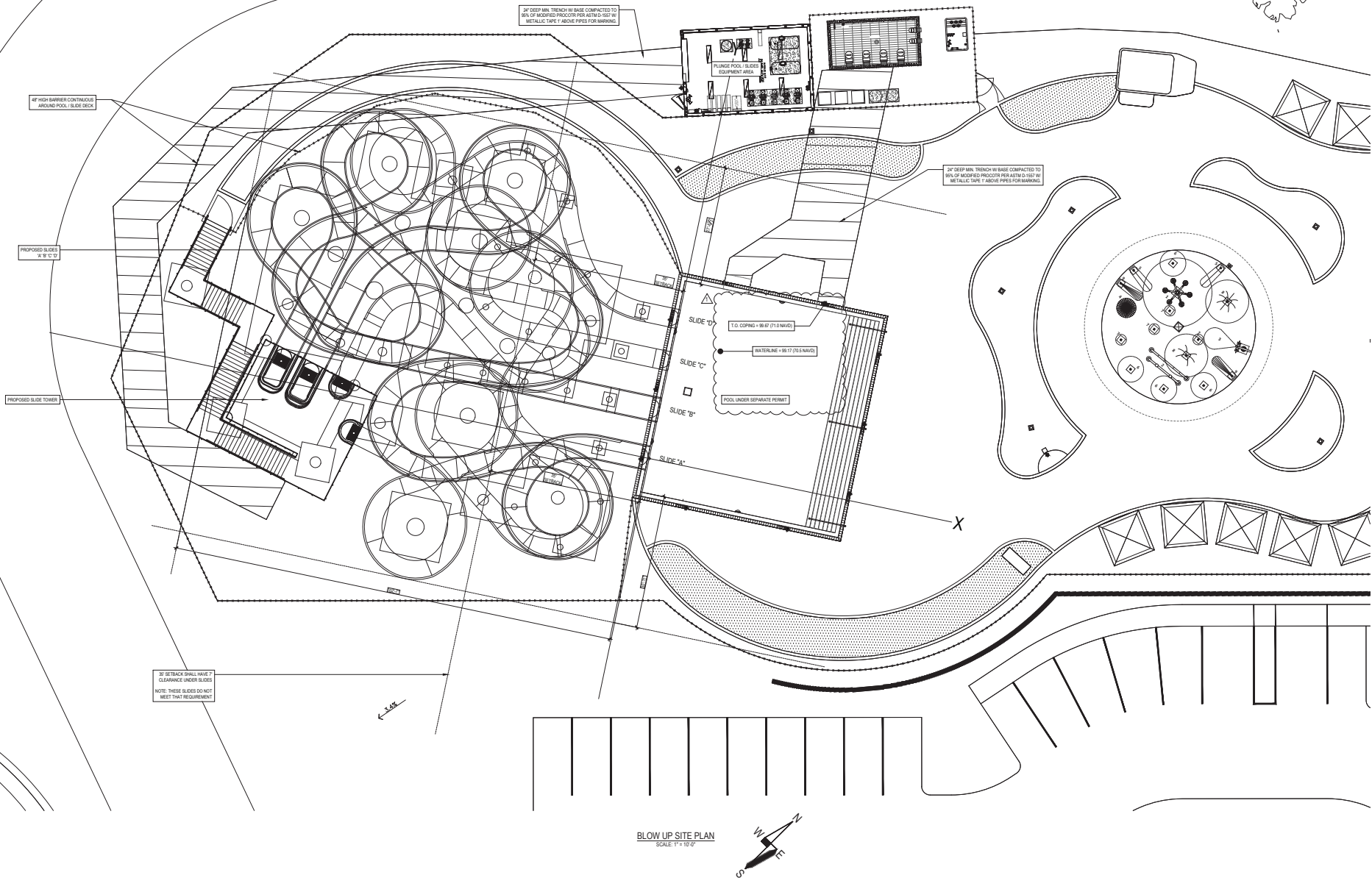
SECTIONS 275-280 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 280-285 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 285-290 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 290-295 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.

SECTIONS 295-300 HAVE A SLOPE OF 1/4" OR 1/4" IN 20'.</



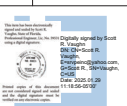
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NO.	DATE	REVISIONS	BY
1	11/21/24	PER CONTRACTOR	SPO
2			
3			
4			
5			
6			

BLOW UP SITE PLAN

MARGARITAVILLE
18365 NW 45TH AVE. ROAD
CITRA, FL 32113



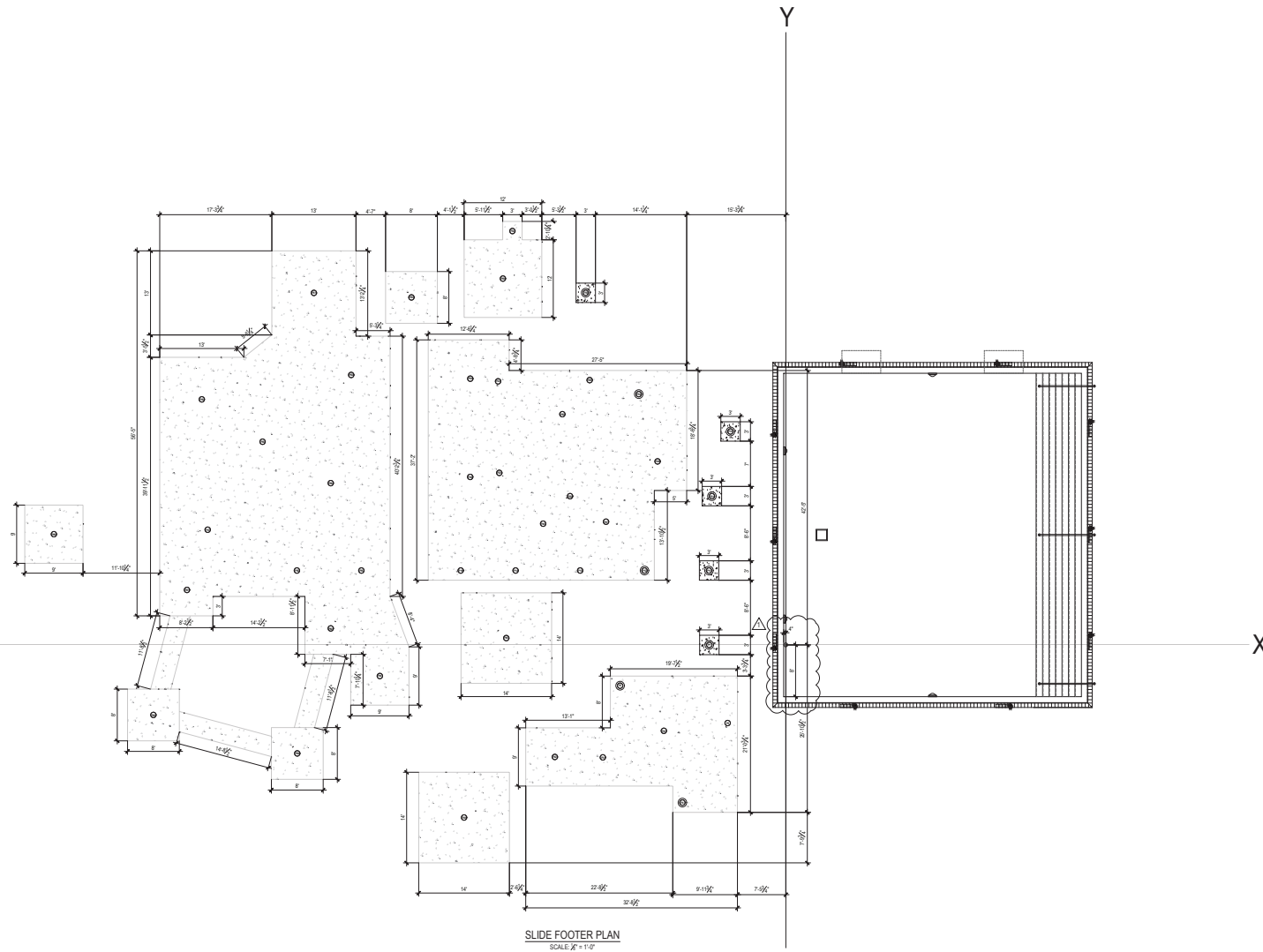
ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

FL LICENSE # 59031
116 SE 23rd TER
CAPE CORAL, FL 33904
PH: 239-454-2806

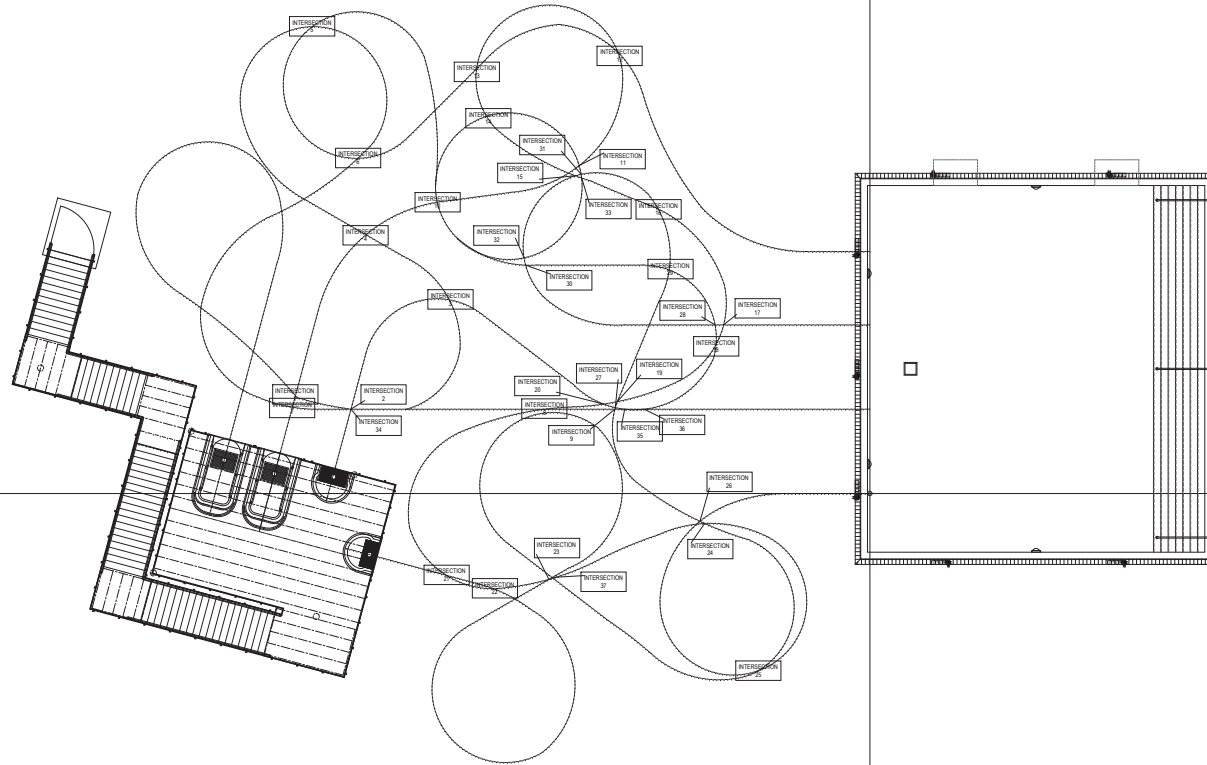
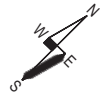
DATE	11/21/24
SCALE	AS SHOWN
DRAWN BY	AM
CHECKED BY	SRV
INT. JOB NO.	P60.001

S2.0



SLIDE FOOTER PLAN
SCALE: $\frac{1}{8}" = 1'-0"$

S3.1



SLIDE INTERSECTION PLAN
SCALE: 1/8" = 1'-0"

SLIDE INTERSECTION CLEARANCE			
INTERSECTION NUMBER	SLIDE (ELEVATION)	SLIDE (ELEVATION)	INTERSECTION CLEARANCE
INTERSECTION 1	A (162'-7.5/4')	B (162'-4.5/4')	10'-0"
INTERSECTION 2	B (162'-7.5)	D (162'-2.5/4')	10'-0"
INTERSECTION 3	D (162'-7.5)	D (162'-50.5/2')	10'-0"
INTERSECTION 4	A (164'-10.5/4')	B (25'-0.5/2')	10'-0"
INTERSECTION 5	B (164'-11.5/2')	D (164'-5.5/2')	10'-0"
INTERSECTION 6	B (167'-0')	D (167'-5.5/4')	10'-0"
INTERSECTION 7	A (167'-8.5/4')	B (167'-0')	10'-0"
INTERSECTION 8	A (171'-0.5/2')	B (171'-0.5/4')	10'-0"
INTERSECTION 9	B (171'-1.5/2')	C (171'-7.5)	10'-0"
INTERSECTION 10	A (171'-10.5/2')	D (171'-10.5/2')	10'-0"
INTERSECTION 11	A (171'-10.5/2')	D (171'-10.5/2')	10'-0"
INTERSECTION 12	A (180'-5.5/2')	D (180'-4.5/4')	10'-0"
INTERSECTION 13	A (180'-3')	D (180'-7.5/4')	10'-0"
INTERSECTION 14	A (182'-5.5/2')	D (182'-4.5/4')	10'-0"
INTERSECTION 15	A (182'-5.5/4')	C (182'-5.5/4')	10'-0"
INTERSECTION 16	A (182'-5.5/4')	C (182'-5.5/4')	10'-0"
INTERSECTION 17	A (182'-5.5/4')	C (182'-5.5/4')	10'-0"
INTERSECTION 18	A (182'-5.5/4')	D (182'-5.5/4')	10'-0"
INTERSECTION 19	A (182'-5.5/4')	C (182'-5.5/4')	10'-0"
INTERSECTION 20	A (182'-10.5/2')	D (182'-10.5/2')	10'-0"
INTERSECTION 21	A (182'-10.5/2')	C (182'-10.5/2')	10'-0"
INTERSECTION 22	A (182'-10.5/2')	C (182'-10.5/2')	10'-0"
INTERSECTION 23	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 24	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 25	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 26	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 27	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 28	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 29	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 30	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 31	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 32	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 33	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 34	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 35	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 36	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"
INTERSECTION 37	A (182'-10.5/4')	C (182'-10.5/4')	10'-0"

NOTE: CLEARANCE SHALL BE 4' ABOVE & BELOW SLIDES INCLUDING SUPPORT (4')

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NO.	DATE	REVISIONS	BY
1			
2			
3			
4			
5			
6			

SLIDE INTERSECTION LAYOUT
MARGARITAVILLE
18365 NW 45TH AVE. ROAD
CITRA, FL 32113



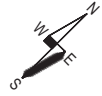
ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

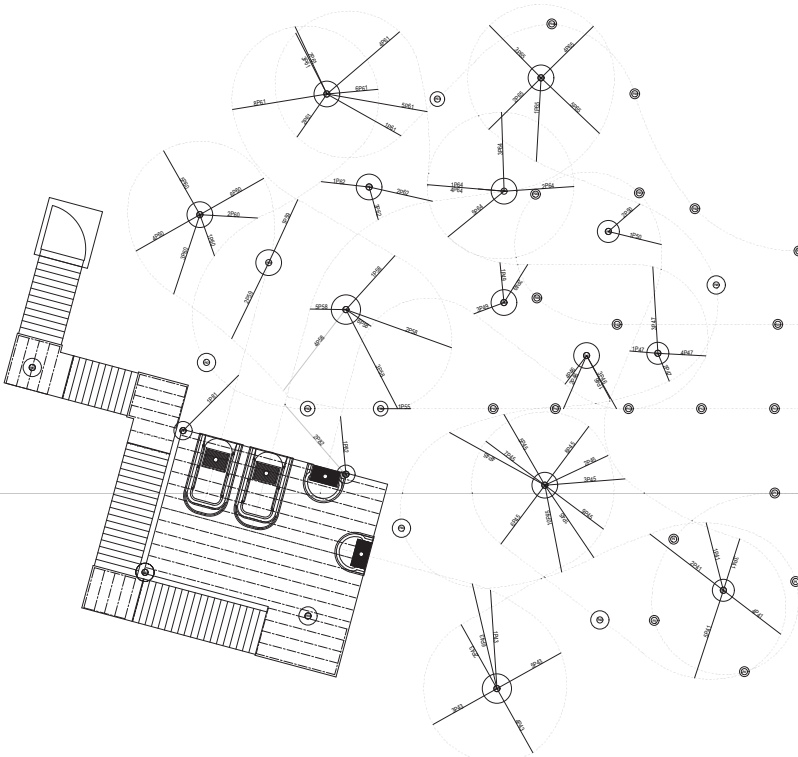
FL LICENSE # 55931
116 SE 23rd TER
CAPE CORAL, FLORIDA 33909
PH: 239-454-2806

DATE	11.21.24
SCALE	AS SHOWN
DRAWN BY	AM
CHECKED BY	SRV
INT. JOB NO.	P60.001

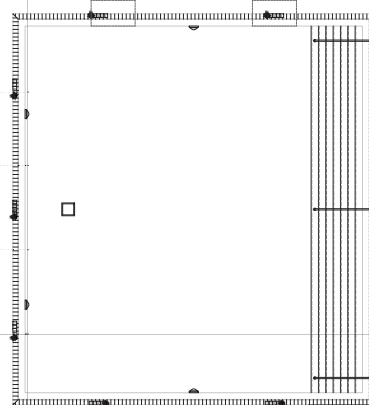
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Y



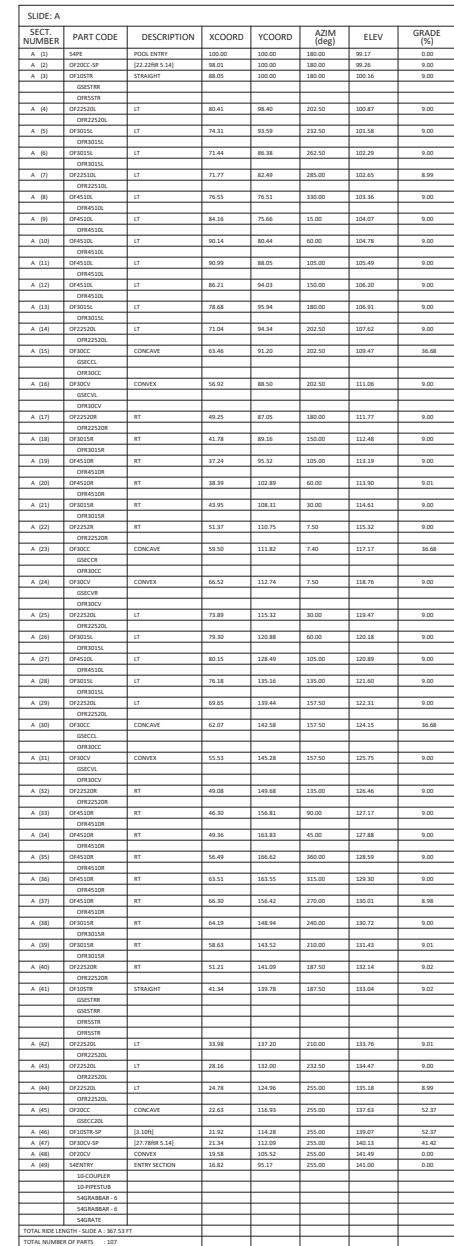
SLIDE ARM LAYOUT PLAN
SCALE: 1" = 1'-0"



X



		ARM AND YOKE TABLE					
COL. NO.	ARM NO.	ARM ELEV. (FINISH)	ARM ELEV. (BUILT)	ARM LENGTH	ARM SECTION	SUPPORTED SECTION	
P1						A104	
P2						A106	
P3						A108	
P4						A110	
P5						A112	
P11						B104	
P12						B106	
P13						B108	
P14						B110	
P15						B112	
P21						C104	
P22						C106	
P23						C108	
P24						C110	
P25						C112	
P31						D104	
P32						D106	
P33						D108	
P34						D110	
P35						D112	
N1	1N1	106.45	77.78	104.33	9.21	T5 S45X30.25	
N2	1N2	107.18	78.49	102.50	12.33	T5 S45X30.25	
N3	1N3	113.82	85.15	72.38	7.07	T5 S45X30.25	
N4	1N4	113.24	86.57	102.50	9.84	T5 S45X30.25	
N5	1N5	116.54	87.87	201.76	12.33	T5 S45X30.25	
N6						C104C13	
N7	1N7	111.3	82.83	83.77	12.8	T5 S45X30.25	
N8	1N8	130.42	101.75	110.28	9.04	T5 S45X30.25	
N9	1N9	131.83	103.16	209.28	9.04	T5 S45X30.25	
N10	1N10	133.25	104.58	209.27	9.04	T5 S45X30.25	
N11	1N11	134.66	105.99	20.28	9.04	T5 S45X30.25	
N12	1N12	136.08	107.41	103.24	13.71	T5 S45X30.25	
N13						C104C14	
N14						C106C14	
N15	1N15	108.95	80.28	304.1	11.18	T5 S45X30.25	
N16	1N16	DET. 1/4/10		25.24	9.01	T5 S45X30.25	
N17	1N17	112.25	83.55	4.08	10.25	T5 S45X30.25	
N18	1N18	114.15	85.48	151	14.12	T5 S45X30.25	
N19	1N19	114.86	86.19	119.93	10.46	T5 S45X30.25	
N20	1N20	122.45	93.78	233.22	9.29	T5 S45X30.25	
N21	1N21	123.67	95.01	143.22	9.29	T5 S45X30.25	
N22	1N22	125.09	96.43	93.22	9.29	T5 S45X30.25	
N23	1N23	126.51	97.85	103.22	9.29	T5 S45X30.25	
N24	1N24	127.93	99.27	201.01	10.67	T5 S45X30.25	
N25	1N25	111.08	82.40	208.51	5.08	T5 S45X30.25	
N26	1N26	116.65	87.99	246.44	8.84	T5 S45X30.25	
N27	1N27	130.39	101.72	209.43	7.03	T5 S45X30.25	
N28	1N28	131.1	102.43	232.89	4.13	T5 S45X30.25	
N29	1N29	108.93	80.26	176.08	9.31	T5 S45X30.25	
N30	1N30	119	90.35	202.15	5.55	T5 S45X30.25	
N31	1N31	127.54	98.87	93.38	11.29	T5 S45X30.25	
N32	1N32	128.25	100.28	306.98	8	T5 S45X30.25	
N33						C104C15	
N34						C106C15	
N35	1N35	116.93	88.26	95.75	5.28	T5 S45X30.25	
N36	1N36	122.97	94.40	54.18	4.41	T5 S45X30.25	
N37	1N37	134.32	105.65	200.52	3.68	T5 S45X30.25	
N38	1N38	106.33	77.46	346.26	7.07	T5 S45X30.25	
N39	1N39	121.85	93.18	40.97	5.31	T5 S45X30.25	
N40						C104C16	
N41						C106C16	
N42	1N42	116.93	88.26	95.75	5.28	T5 S45X30.25	
N43	1N43	122.97	94.40	54.18	4.41	T5 S45X30.25	
N44	1N44	134.32	105.65	200.52	3.68	T5 S45X30.25	
N45	1N45	106.33	77.46	346.26	7.07	T5 S45X30.25	
N46	1N46	121.85	93.18	40.97	5.31	T5 S45X30.25	
N47						C104C17	
N48						C106C17	
N49	1N49	116.93	88.26	95.75	5.28	T5 S45X30.25	
N50	1N50	122.97	94.40	54.18	4.41	T5 S45X30.25	
N51	1N51	134.32	105.65	200.52	3.68	T5 S45X30.25	
N52	1N52	106.33	77.46	346.26	7.07	T5 S45X30.25	
N53	1N53	121.85	93.18	40.97	5.31	T5 S45X30.25	
N54						C104C18	
N55						C106C18	
N56	1N56	116.93	88.26	95.75	5.28	T5 S45X30.25	
N57	1N57	122.97	94.40	54.18	4.41	T5 S45X30.25	
N58	1N58	134.32	105.65	200.52	3.68	T5 S45X30.25	
N59	1N59	106.33	77.46	346.26	7.07	T5 S45X30.25	
N60	1N60	121.85	93.18	40.97	5.31	T5 S45X30.25	
N61						C104C19	
N62						C106C19	
N63	1N63	116.93	88.26	95.75	5.28	T5 S45X30.25	
N64	1N64	122.97	94.40	54.18	4.41	T5 S45X30.25	
N65	1N65	134.32	105.65	200.52	3.68	T5 S45X30.25	
N66	1N66	106.33	77.46	346.26	7.07	T5 S45X30.25	
N67	1N67	121.85	93.18	40.97	5.31	T5 S45X30.25	
N68						C104C20	
N69						C106C20	
N70	1N70	116.93	88.26	95.75	5.28	T5 S45X30.25	
N71	1N71	122.97	94.40	54.18	4.41	T5 S45X30.25	
N72	1N72	134.32	105.65	200.52	3.68	T5 S45X30.25	
N73	1N73	106.33	77.46	346.26	7.07	T5 S45X30.25	
N74	1N74	121.85	93.18	40.97	5.31	T5 S45X30.25	
N75						C104C21	
N76						C106C21	
N77	1N77	116.93	88.26	95.75	5.28	T5 S45X30.25	
N78	1N78	122.97	94.40	54.18	4.41	T5 S45X30.25	
N79	1N79	134.32	105.65	200.52	3.68	T5 S45X30.25	
N80	1N80	106.33	77.46	346.26	7.07	T5 S45X30.25	
N81	1N81	121.85	93.18	40.97	5.31	T5 S45X30.25	
N82						C104C22	
N83						C106C22	
N84	1N84	116.93	88.26	95.75	5.28	T5 S45X30.25	
N85	1N85	122.97	94.40	54.18	4.41	T5 S45X30.25	
N86	1N86	134.32	105.65	200.52	3.68	T5 S45X30.25	
N87	1N87	106.33	77.46	346.26	7.07	T5 S45X30.25	
N88	1N88	121.85	93.18	40.97	5.31	T5 S45X30.25	
N89						C104C23	
N90						C106C23	
N91	1N91	116.93	88.26	95.75	5.28	T5 S45X30.25	
N92	1N92	122.97	94.40	54.18	4.41	T5 S45X30.25	
N93	1N93	134.32	105.65	200.52	3.68	T5 S45X30.25	
N94	1N94	106.33	77.46	346.26	7.07	T5 S45X30.25	
N95	1N95	121.85	93.18	40.97	5.31	T5 S45X30.25	
N96						C104C24	
N97						C106C24	
N98	1N98	116.93	88.26	95.75	5.28	T5 S45X30.25	
N99	1N99	122.97	94.40	54.18	4.41	T5 S45X30.25	
N100	1N100	134.32	105.65	200.52	3.68	T5 S45X30.25	
N101	1N101	106.33	77.46	346.26	7.07	T5 S45X30.25	
N102	1N102	121.85	93.18	40.97	5.31	T5 S45X30.25	
N103						C104C25	
N104						C106C25	
N105	1N105	116.93	88.26	95.75	5.28	T5 S45X30.25	
N106	1N106	122.97	94.40	54.18	4.41	T5 S45X30.25	
N107	1N107	134.32	105.65	200.52	3.68	T5 S45X30.25	
N108	1N108	106.33	77.46	346.26	7.07	T5 S45X30.25	
N109	1N109	121.85	93.18	40.97	5.31	T5 S45X30.25	
N110						C104C26	
N111						C106C26	
N112	1N112	116.93	88.26	95.75	5.28	T5 S45X30.25	
N113	1N113	122.97	94.40	54.18	4.41	T5 S45X30.25	
N114	1N114	134.32	105.65	200.52	3.68	T5 S45X30.25	
N115	1N115	106.33	77.46	346.26	7.07	T5 S45X30.25	
N116	1N116	121.85	93.18	40.97	5.31	T5 S45X30.25	
N117						C104C27	
N118						C106C27	
N119	1N119	116.93	88.26	95.75	5.28	T5 S45X30.25	
N120	1N120	122.97	94.40	54.18	4.41	T5 S45X30.25	
N121	1N121	134.32	105.65	200.52	3.68	T5 S45X30.25	
N122	1N122	106.33	77.46	346.26	7.07	T5 S45X30.25	
N123	1N123	121.85	93.18	40.97	5.31	T5 S45X30.25	
N124						C104C28	
N125						C106C28	
N126	1N126	116.93	88.26	95.75	5.28	T5 S45X30.25	
N127	1N127	122.97	94.40	54.18	4.41	T5 S45X30.25	
N128	1N128	134.32	105.65	200.52	3.68	T5 S45X30.25	
N129	1N129	106.33	77.46	346.26	7.07	T5 S45X30.25	
N130	1N130	121.85	93.18	40.97	5.31	T5 S45X30.25	
N131						C104C29	
N132						C106C29	
N133	1N133	116.93	88.26	95.75	5.28	T5 S45X30.25	
N134	1N134	122.97	94.40	54.18	4.41	T5 S45X30.25	
N135	1N135	134.32	105.65	200.52	3.68	T5 S45X30.25	
N136	1N136	106.33	77.46	346.26	7.07	T5 S45X30.25	
N137	1N137	121.85	93.18	40.97	5.31	T5 S45X30.25	
N138						C104C30	
N139						C106C30	
N140	1N140	116.93	88.26	95.75	5.28	T5 S45X30.25	
N141	1N141	122.97	94.40	54.18	4.41	T5 S45X30.25	
N142	1N142	134.32	105.65	200.52	3.68	T5 S45X30.25	
N143	1N143	106.33	77.46	346.26	7.07	T5 S45X30.25	
N144	1N144	121.85	93.18	40.97	5.31	T5 S45X30.25	
N145						C104C31	
N146						C106C31	
N147	1N147	116.93	88.26	95.75	5.28	T5 S45X30.25	
N148	1N148	122.97	94.40	54.18	4.41	T5 S45X30.25	
N149	1N149	134.32	105.65	200.52	3.68	T5 S45X30.25	
N150	1N150	106.33	77.46	346.26	7.07	T5 S45X30.25	
N151	1N151	121.85	93.18	40.97	5.31	T5 S45X30.25	
N152						C104C32	
N153						C106C32	
N154	1N154	116.93	88.26	95.75	5.28	T5 S45X30.25	
N155	1N155	122.97	94.40	54.18	4.41	T5 S45X30.25	
N156	1N156	134.32	105.65	200.52	3.68	T5 S45X30.25	
N157	1N157	106.33	77.46	346.26	7.07	T5 S45X30.25	
N158	1N158	121.85	93.18	40.97	5.31	T5 S45X30.25	
N159						C104C33	
N160						C106C33	
N161	1N161	116.93	88.26	95.75	5.28	T5 S45X30.25	
N162	1N162	122.97	94.40	54.18	4.41	T5 S45X30.25	
N163	1N163	134.32	105.65	200.52	3.68	T5 S45X30.25	
N164	1N164	106.33	77.46	346.26	7.07	T5 S45X30.25	
N165	1N165	121.85	93.18	40.97	5.31	T5 S45X30.25	
N166						C104C34	
N167						C106C34	
N168	1N168	116.93	88.26	95.75	5.28	T5 S45X30.25	
N169	1N169	122.97	94.40	54.18	4.41	T5 S45X30.25	
N170	1N170	134.32	105.65	200.52	3.68	T5 S45X30.25	



NO.	DATE	REVISIONS	BY
1			
2			
3			
4			
5			
6			

SLIDE 'A' PLANS

MARGARITAVILLE
18365 NW 45TH AVE. R.
CITRA, FL 32113

This form has been electronically signed and sealed by Scott R. Vaughn, State of Florida, Professional Engineer, No. 106, 00000 using a Digital Signature.



Digitally signed by Scott R. Vaughn
 DN: cn=Scott R. Vaughn,
 e=scrvaughn@yahoo.com,
 o=Scott R., SN=Vaughn,
 c=US
 Date: 2025.04.29
 11:19:05-0500

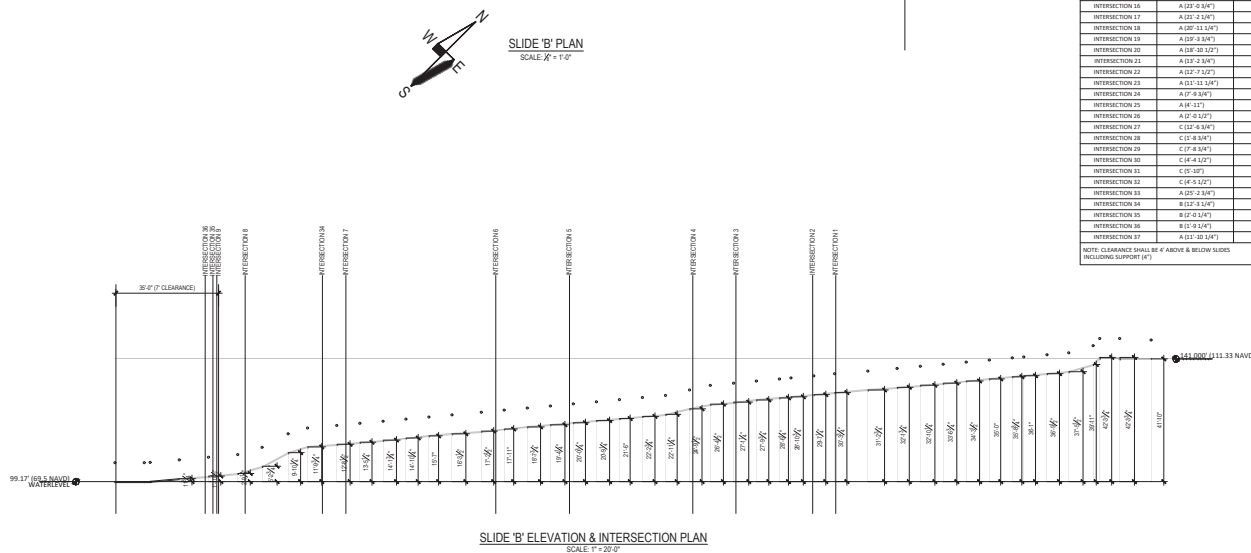
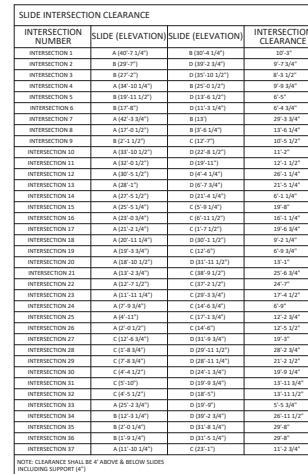
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ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

FL. LICENSE # 59631
116 SE 23rd TER
CAPE CORAL, FLORIDA 33990
PH: 239-494-2806

DATE	11.21.24
SCALE	AS SHOWN
DRAWN BY	AM
CHECKED BY	SRV
INT. JOB NO.	P60.001

[illegible]

NO.	DATE	REVISIONS	BY
1			
2			
3			
4			
5			
6			

SLIDE 'B' PLANS

MARGARITAVILLE
18365 NW 45TH AVE. ROAD
CITRA, FL 32113

This form has been electronically signed and sealed by Scott R. Vaughn, State of Florida Probation Services Supervisor. Use this **PDF** as your digital signature.

 Digitally signed by Scott R. Vaughn
SN: CH-Scott R. Vaughn
E: scvaughn@yahoo.com
C: Scott R., SN-VAUGHN, C-USA
Date: 2025.01.29 11:19:10-0500'

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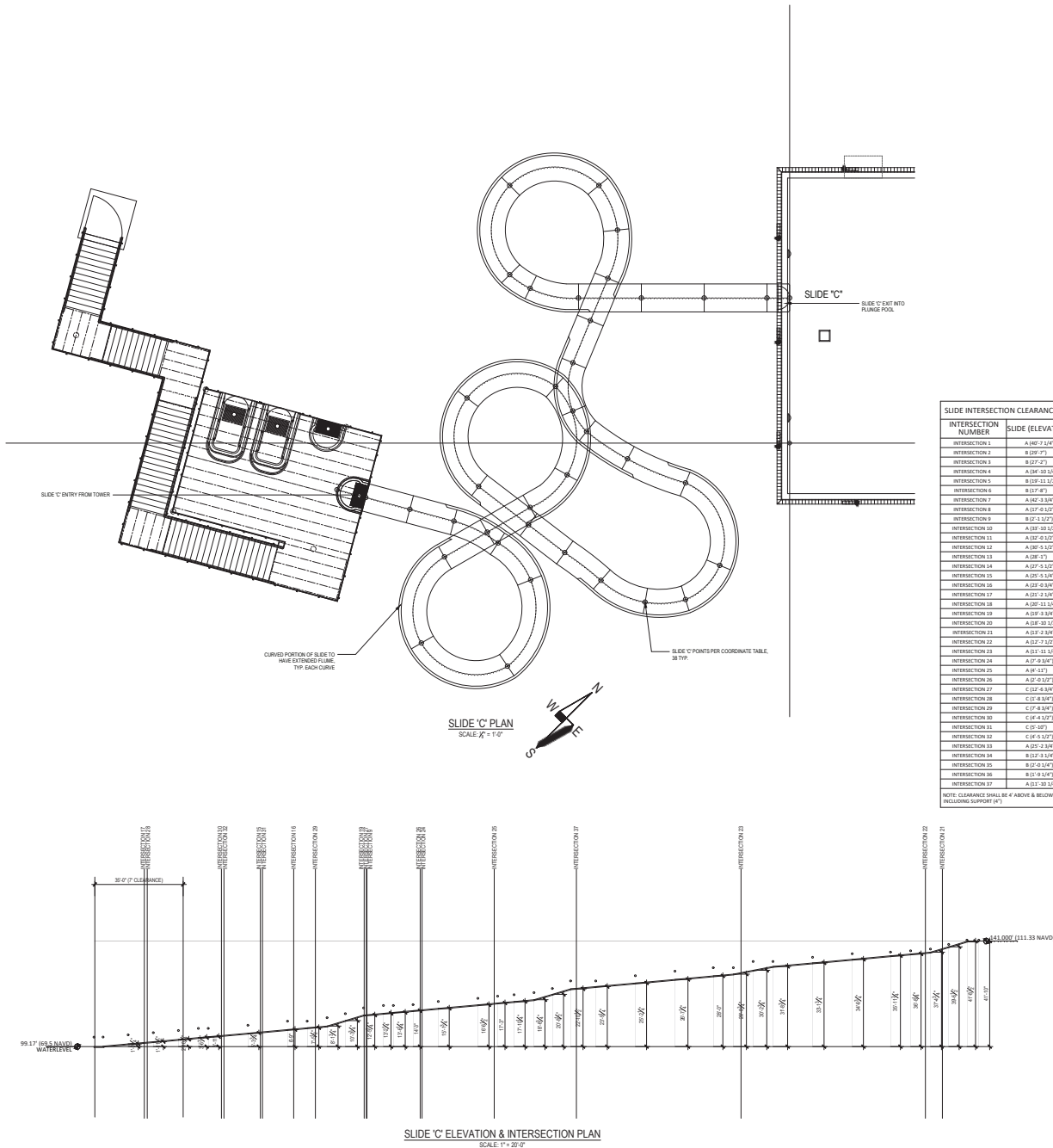
ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

FL. LICENSE # 59531
116 SE 23rd TER
CAPE CORAL, FLORIDA 33990
PH: 239-494-2806

DATE	11.21.24
SCALE	AS SHOWN
DRAWN BY	AM
CHECKED BY	SRV
INT. JOB NO.	P60.001

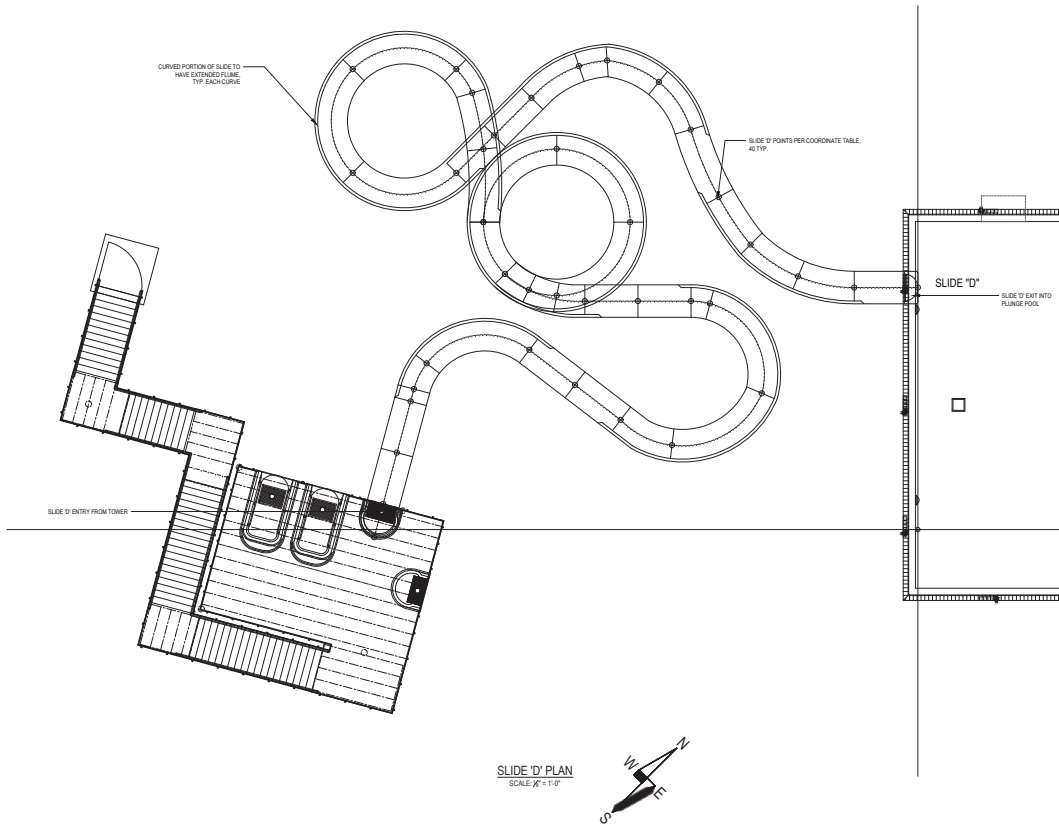
S6.0



INTERSECTION NUMBER	SLIDE (ELEVATION)	SLIDE (ELEVATION)	INTERSECTION CLEARANCE
INTERSECTION 1	A (40'-7.5 1/4")	B (38'-4 1/4")	10'-3"
INTERSECTION 2	B (29'-7")	D (38'-2 3/4")	8'-7 3/4"
INTERSECTION 3	B (27'-2")	D (30'-10 1/2")	8'-1 1/2"
INTERSECTION 4	A (34'-10 1/4")	B (27'-0 1/2")	6'-8 3/4"
INTERSECTION 5	B (19'-11 1/2")	D (13'-4 1/2")	6'-5"
INTERSECTION 6	B (17'-4")	D (12'-8 3/4")	8'-4 3/4"
INTERSECTION 7	A (42'-3 3/4")	B (33'-3")	28'-8 3/4"
INTERSECTION 8	A (17'-8 1/2")	B (16'-4 1/4")	13'-4 1/4"
INTERSECTION 9	B (17'-1 1/2")	C (12'-7")	10'-5 1/2"
INTERSECTION 10	A (31'-10 1/2")	D (22'-8 1/2")	11'-0"
INTERSECTION 11	A (34'-0 1/2")	D (20'-12")	12'-1 1/2"
INTERSECTION 12	A (26'-5 1/2")	D (14'-4 1/4")	26'-1 1/4"
INTERSECTION 13	A (28'-1")	D (10'-7 3/4")	21'-5 1/4"
INTERSECTION 14	A (27'-5 1/2")	D (10'-4 3/4")	6'-1 1/4"
INTERSECTION 15	A (25'-5 1/4")	C (10'-8 3/4")	19'-8"
INTERSECTION 16	A (21'-0 1/4")	C (10'-12 1/2")	10'-1 1/4"
INTERSECTION 17	A (21'-2 1/4")	C (10'-7 1/2")	10'-6 3/4"
INTERSECTION 18	A (20'-11 1/4")	D (10'-1 1/2")	8'-2 1/4"
INTERSECTION 19	A (19'-3 3/4")	C (10'-8")	8'-8 3/4"
INTERSECTION 20	A (18'-10 1/2")	D (10'-11 1/2")	13'-1"
INTERSECTION 21	A (13'-2 3/4")	C (10'-8 1/2")	25'-6 3/4"
INTERSECTION 22	A (13'-7 1/2")	C (10'-2 1/2")	26'-7"
INTERSECTION 23	A (11'-11 1/4")	C (10'-8 3/4")	17'-4 1/2"
INTERSECTION 24	A (17'-8 3/4")	C (10'-4 3/4")	6'-8"
INTERSECTION 25	A (14'-1 1/2")	C (10'-7 1/4")	12'-2 3/4"
INTERSECTION 26	A (12'-8 1/2")	C (10'-4")	12'-5 1/2"
INTERSECTION 27	C (12'-6 3/4")	D (10'-8 3/4")	10'-3"
INTERSECTION 28	C (11'-8 3/4")	D (10'-11 1/2")	28'-2 3/4"
INTERSECTION 29	C (11'-8 3/4")	D (10'-11 1/2")	21'-2 1/2"
INTERSECTION 30	C (11'-4 1/2")	D (10'-1 1/4")	10'-8 1/4"
INTERSECTION 31	C (10'-10")	D (10'-8 3/4")	13'-11 3/4"
INTERSECTION 32	C (10'-5 1/2")	D (10'-2")	13'-11 1/2"
INTERSECTION 33	A (25'-2 1/4")	D (10'-8")	5'-3 3/4"
INTERSECTION 34	B (12'-5 1/4")	D (10'-2 3/4")	26'-11 1/2"
INTERSECTION 35	B (10'-0 1/4")	D (10'-8 3/4")	29'-8"
INTERSECTION 36	B (11'-9 1/4")	D (10'-5 1/4")	29'-8"
INTERSECTION 37	A (11'-10 1/4")	C (10'-7")	11'-2 3/4"

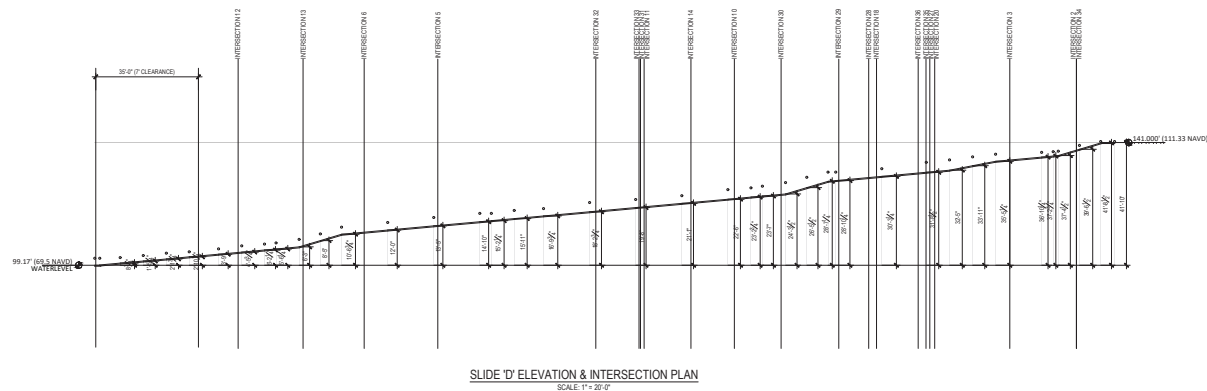
NOTE: CLEARANCE SHALL BE 4' ABOVE & BELOW SLIDES INCLUDING SUPPORT (S).

SLIDE: C							
SECT. NUMBER	PART CODE	DESCRIPTION	XCOORD	YCOORD	AZIM (deg)	ELEV	GRADE (%)
C (1)	OSPE	POOL ENTRY	200.00	223.00	180.00	99.27	0.00
C (2)	OS40CC-SP	OS40CC-SP	96.42	123.00	180.00	99.31	0.00
C (3)	OS107R	STRAIGHT	86.46	123.00	180.00	100.23	0.00
C (4)	OS107R	STRAIGHT	76.50	123.00	180.00	101.12	8.99
C (5)	OS107R	STRAIGHT	66.54	123.00	180.00	102.02	9.00
OS157R							
C (6)	OS12320R	R1	158.88	124.52	157.50	100.73	0.00
OS12320R							
C (7)	OS12320R	R1	55.64	126.89	135.00	101.08	0.00
OS12320R							
C (8)	OS107R	R1	105.68	140.83	45.00	104.49	0.00
OS40R							
C (9)	OS107R	R1	89.76	140.83	315.00	105.91	0.00
OS40R							
C (10)	OS40R	R1	72.72	139.76	270.00	106.62	9.01
OS40R							
C (11)	OS12320R	R1	73.18	126.11	247.50	107.52	0.00
OS12320R							
C (12)	OS107R	CONVEX	68.42	123.42	247.50	108.48	13.31
OS107R							
C (13)	OS107R	CONVEX	65.05	122.74	247.50	111.64	0.00
OS40R							
C (14)	OS40R	LT	81.65	105.09	292.50	113.33	0.01
OS40R							
C (15)	OS12320R	LT	51.82	103.84	315.00	113.70	0.01
OS12320R							
C (16)	OS107R	LT	74.51	97.51	337.50	113.41	0.01
OS12320R							
C (17)	OS107R	STRAIGHT	81.55	95.70	337.50	114.31	0.01
OS157R							
C (18)	OS157R	R1	88.92	80.63	247.50	115.72	0.00
OS107R							
C (19)	OS40R	R1	83.51	75.22	267.50	116.43	8.99
OS40R							
C (20)	OS40R-SP	(10.00R 37.5)	77.10	74.80	165.00	117.02	0.00
OS40R-SP							
C (21)	OS12320R	R1	73.18	78.25	142.50	117.73	0.00
OS12320R							
C (22)	OS107R	CONVEX	66.08	60.66	142.50	118.88	13.30
OS107R							
C (23)	OS107R	CONVEX	58.62	67.06	142.50	122.04	8.99
C (24)	OS157R	STRAIGHT	50.72	93.13	142.50	123.94	8.99
OS157R							
C (25)	OS107R	R1	66.87	107.15	50.50	124.35	0.00
OS40R							
C (26)	OS107R	R1	62.30	108.99	322.50	125.77	0.01
OS107R							
C (27)	OS107R	R1	64.74	94.97	232.50	127.18	0.00
OS40R							
C (28)	OS12320R	R1	58.87	89.82	210.00	127.89	0.00
OS12320R							
C (29)	OS107R	CONVEX	52.08	85.90	210.00	129.40	29.81
OS107R							
C (30)	OS107R	CONVEX	47.49	81.58	222.50	130.90	8.99
OS107R							
C (31)	OS107R	LT	41.63	68.32	300.00	132.32	0.00
OS40R							
C (32)	OS40R	LT	51.29	64.66	300.00	133.73	0.00
OS40R							
C (33)	OS40R	LT	58.95	76.32	120.00	135.15	8.99
OS40R							
C (34)	OS12320R	LT	51.80	84.19	142.50	135.85	0.00
OS12320R							
C (35)	OS40R-SP	LT	46.80	87.64	165.00	136.56	0.00
OS12320R							
C (36)	OS107R	CONVEX	39.81	89.51	165.00	138.72	13.30
OS107R							
C (37)	OS107R	CONVEX	32.83	93.19	165.00	140.88	8.99
C (38)	OS107R	ENTRY SECTION	28.27	92.81	165.00	141.00	0.00
R - CULPIER							
R - PAVEMENT							
OS107R							
OS107R							
TOTAL ROAD LENGTH = SLIDE C : 354.94 FT							
TOTAL NUMBER OF PANELS : 1							

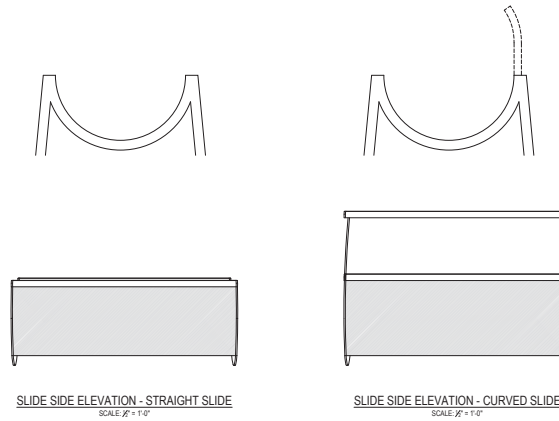
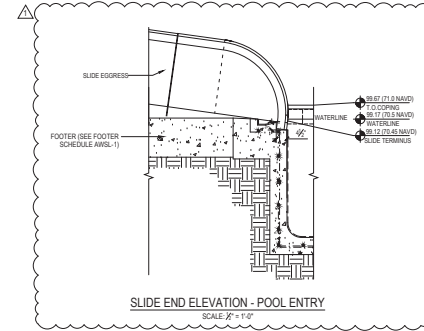
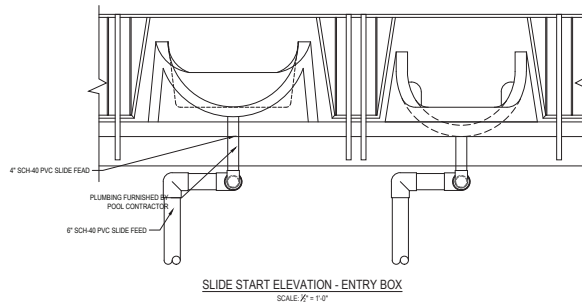
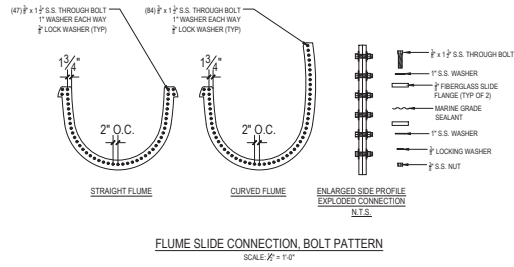
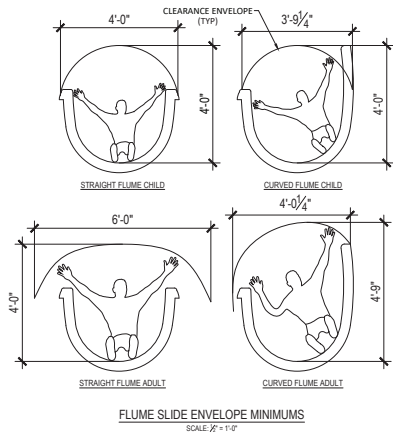


INTERSECTION NUMBER	SLIDE (ELEVATION)	SLIDE (ELEVATION)	INTERSECTION CLEARANCE
INTERSECTION 1	A (40'-7.5 1/2')	B (30'-4.5 1/2')	10'-3"
INTERSECTION 2	B (30'-4.5 1/2')	D (30'-2.5 1/2')	9'-7 3/4"
INTERSECTION 3	B (30'-4.5 1/2')	D (30'-10.5 1/2')	8'-1 1/2"
INTERSECTION 4	A (34'-10.5 1/2')	B (30'-4.5 1/2')	9'-3 3/4"
INTERSECTION 5	B (30'-4.5 1/2')	D (30'-4.5 1/2')	6'-5"
INTERSECTION 6	B (30'-4.5 1/2')	D (30'-2.5 1/2')	8'-4 1/4"
INTERSECTION 7	A (34'-3.5 1/2')	B (30'-4.5 1/2')	28'-3 3/4"
INTERSECTION 8	A (37'-0.5 1/2')	B (30'-4.5 1/2')	13'-6 1/4"
INTERSECTION 9	B (30'-4.5 1/2')	D (30'-2.5 1/2')	10'-6 1/2"
INTERSECTION 10	A (30'-10.5 1/2')	D (30'-4.5 1/2')	11'-0"
INTERSECTION 11	A (34'-0.5 1/2')	D (30'-4.5 1/2')	12'-1 1/2"
INTERSECTION 12	A (30'-5.5 1/2')	D (30'-4.5 1/2')	20'-1 1/4"
INTERSECTION 13	A (30'-5.5 1/2')	D (30'-2.5 1/2')	21'-5 1/4"
INTERSECTION 14	A (27'-5.5 1/2')	D (30'-4.5 1/2')	6'-3 3/4"
INTERSECTION 15	A (25'-5.5 1/2')	D (30'-4.5 1/2')	10'-0"
INTERSECTION 16	A (22'-0.5 1/2')	C (40'-11.5 1/2')	10'-1 1/4"
INTERSECTION 17	A (22'-2.5 1/2')	C (30'-7.5 1/2')	10'-6 3/4"
INTERSECTION 18	A (20'-11.5 1/2')	D (30'-2.5 1/2')	9'-2 3/4"
INTERSECTION 19	A (30'-5.5 1/2')	C (30'-4.5 1/2')	6'-0 3/4"
INTERSECTION 20	A (34'-10.5 1/2')	D (30'-11.5 1/2')	13'-1"
INTERSECTION 21	A (37'-2.5 1/2')	C (30'-0.5 1/2')	25'-6 3/4"
INTERSECTION 22	A (37'-2.5 1/2')	C (30'-2.5 1/2')	26'-0"
INTERSECTION 23	A (31'-11.5 1/2')	C (30'-0.5 1/2')	17'-4 1/2"
INTERSECTION 24	A (37'-0.5 1/2')	C (34'-0.5 1/2')	6'-0"
INTERSECTION 25	A (37'-0.5 1/2')	C (34'-0.5 1/2')	12'-5 1/2"
INTERSECTION 26	C (34'-0.5 1/2')	D (30'-0.5 1/2')	19'-3"
INTERSECTION 27	C (34'-0.5 1/2')	D (30'-0.5 1/2')	20'-2 3/4"
INTERSECTION 28	C (37'-8.5 1/2')	D (30'-11.5 1/2')	21'-2 1/2"
INTERSECTION 29	C (34'-0.5 1/2')	D (30'-0.5 1/2')	10'-0 1/4"
INTERSECTION 30	C (34'-0.5 1/2')	D (30'-0.5 1/2')	13'-11 1/4"
INTERSECTION 31	C (34'-0.5 1/2')	D (30'-0.5 1/2')	13'-11 1/2"
INTERSECTION 32	C (34'-0.5 1/2')	D (30'-0.5 1/2')	13'-11 1/2"
INTERSECTION 33	A (25'-2.5 1/2')	D (30'-0.5 1/2')	5'-5 1/4"
INTERSECTION 34	B (32'-5.5 1/2')	D (30'-2.5 1/2')	20'-11 1/2"
INTERSECTION 35	B (32'-5.5 1/2')	D (30'-0.5 1/2')	20'-0"
INTERSECTION 36	B (32'-5.5 1/2')	C (30'-0.5 1/2')	11'-2 3/4"

NOTE: CLEARANCE SHALL BE 4' ABOVE & BELOW SLIDES INCLUDING SUPPORT (S)



SLIDE 'D'							
SECT. NUMBER	PART CODE	DESCRIPTION	XCOORD	YCOORD	AZIM (deg)	ELEV	GRADE (%)
D (1)	GSPE	POOL ENTRY	100.00	110.00	180.00	99.17	0.00
D (2)	GS4040C-SP	(10.000R 5.14)	98.00	110.00	180.00	99.25	9.00
D (3)	GS1007N	(7.00R)	95.00	110.00	180.00	99.89	8.99
D (4)	GS1007N	RT	80.67	114.52	157.50	100.00	9.00
D (5)	GS1007N	RT	77.18	118.86	135.00	101.31	9.00
D (6)	GS1007N	RT	73.85	124.25	112.50	103.00	9.00
D (7)	GS1007N	STRAIGHT	69.04	134.55	112.50	103.92	9.00
D (8)	GS1007N	LT	64.70	141.04	135.00	103.84	9.00
D (9)	GS1007N	LT	57.83	149.97	180.00	104.25	9.00
D (10)	GS1007N	LT	53.80	155.40	202.50	104.70	9.00
D (11)	GS1007N	LT	47.05	158.87	225.00	105.42	9.01
D (12)	GS1007N	CONCAVE	42.00	153.75	225.00	107.18	10.31
D (13)	GS1007N	CONCAVE	37.08	148.64	225.00	109.74	9.00
D (14)	GS1007N	RT	32.94	148.64	135.00	111.16	8.99
D (15)	GS1007N	RT	32.94	162.76	45.00	112.10	9.00
D (16)	GS1007N	RT	37.08	162.76	315.00	114.05	9.00
D (17)	GS1007N	RT	39.25	159.54	292.50	114.30	9.00
D (18)	GS1007N	RT	40.77	155.88	270.00	115.08	9.00
D (19)	GS1007N	STRAIGHT	40.77	141.92	270.00	115.08	9.00
D (20)	GS1007N	STRAIGHT	40.77	133.52	360.00	117.40	9.01
D (21)	GS1007N	LT	40.77	141.92	90.00	118.59	9.01
D (22)	GS1007N	LT	40.77	153.92	180.00	120.25	9.01
D (23)	GS1007N	LT	40.77	141.92	270.00	121.08	9.00
D (24)	GS1007N	LT	43.70	134.85	315.00	122.39	9.01
D (25)	GS1007N	LT	46.00	132.68	337.50	122.75	9.01
D (26)	GS1007N	LT	54.60	133.16	0.00	123.46	9.00
D (27)	GS1007N	CONCAVE	61.83	131.16	360.00	125.62	10.31
D (28)	GS1007N	CONCAVE	68.07	131.16	360.00	127.78	9.00
D (29)	GS1007N	CONCAVE	71.80	130.82	345.00	128.00	8.98
D (30)	GS1007N	RT	78.73	118.18	255.00	129.45	9.01
D (31)	GS1007N	RT	86.48	111.51	165.00	130.87	9.01
D (32)	GS1007N	RT	95.48	114.96	142.50	131.18	9.00
D (33)	GS1007N	CONCAVE	103.26	118.73	142.50	133.00	20.82
D (34)	GS1007N	CONCAVE	107.04	124.51	142.50	134.61	9.00
D (35)	GS1007N	LT	110.00	122.66	232.50	136.03	9.01
D (36)	B - CUPULE	LT	112.25	119.18	255.00	136.99	9.01
D (37)	B - PFFSTUB	(1.75R)	108.84	117.48	255.00	136.55	9.01
D (38)	GS1007N	CONCAVE	108.07	110.49	255.00	138.73	10.31
D (39)	GS1007N	CONCAVE	110.00	103.50	255.00	140.87	9.00
D (40)	GS1007N	ENTRY SECTION	110.00	96.93	255.00	141.00	9.00
TOTAL ROAD LENGTH - SLIDE C: 015.531 FT							
TOTAL ROADERS OF PARTS - 108							



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NO.	DATE	REVISIONS	BY
1	11/21/24	CONTRACTOR	SPC
2			
3			
4			
5			
6			

SLIDE DETAILS & SECTIONS
MARGARITAVILLE
18365 NW 45TH AVE. ROAD
CITRA, FL 32113



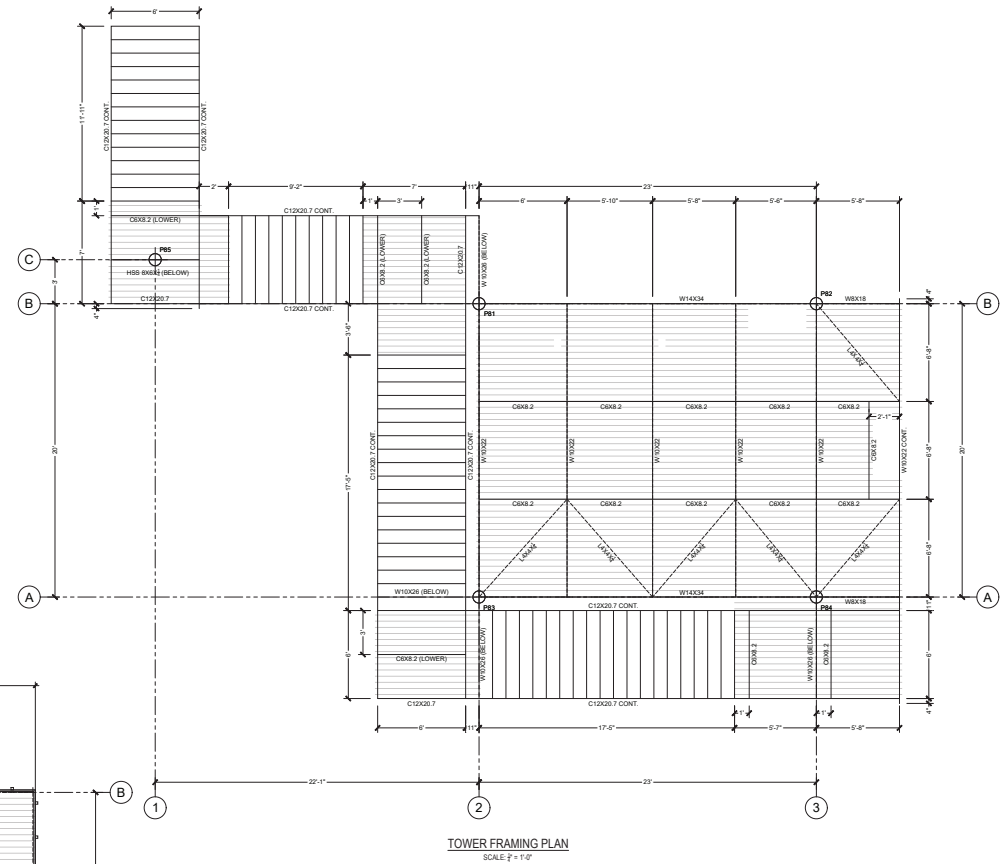
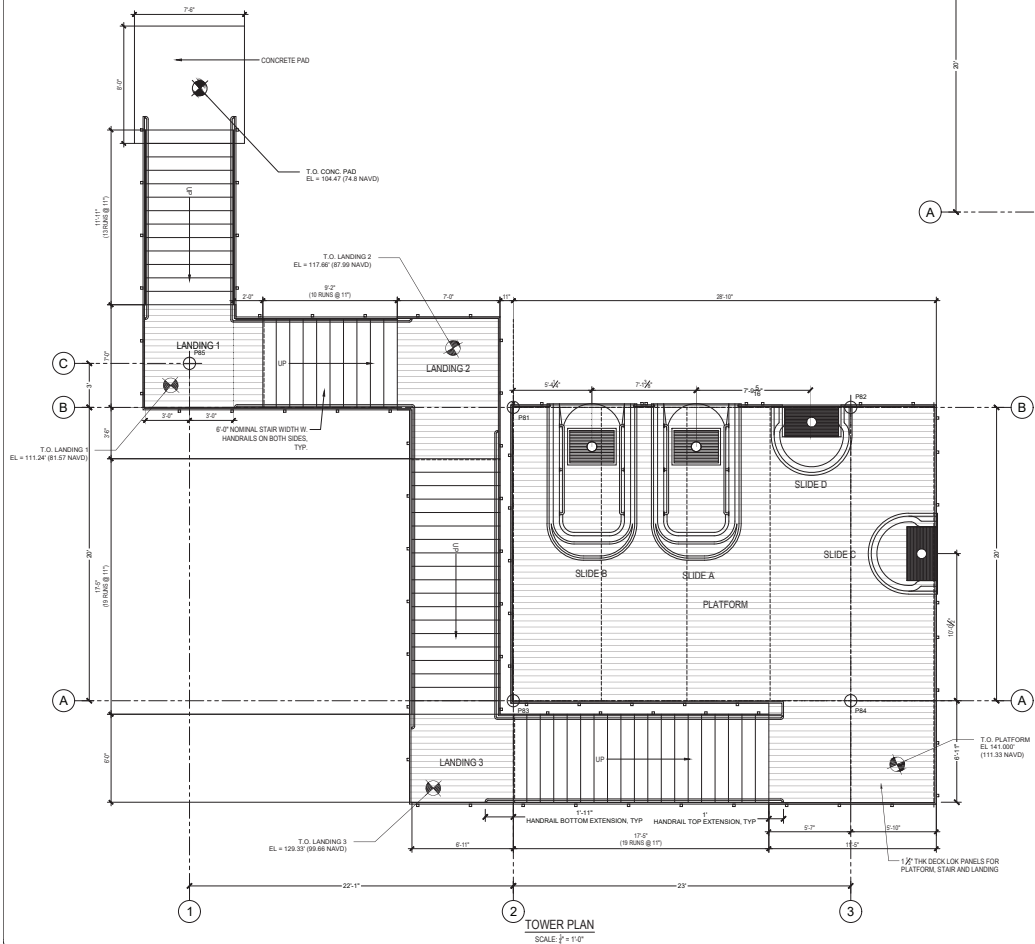
ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

FL LICENSE # 55931
116 SE 23rd TER
CAPE CORAL, FL 33909
PH: 239-484-2806

DATE	11.21.24
SCALE	AS SHOWN
DRAWN BY	AM
CHECKED BY	SRV
INT. JOB NO.	P60.001

S9.0



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NO.	DATE	REVISIONS	BY
1			
2			
3			
4			
5			
6			

SLIDE TOWER LAYOUT & FRAMING PLAN

MARGARITAVILLE
18365 NW 45TH AVE. ROAD
CITRA, FL 32113



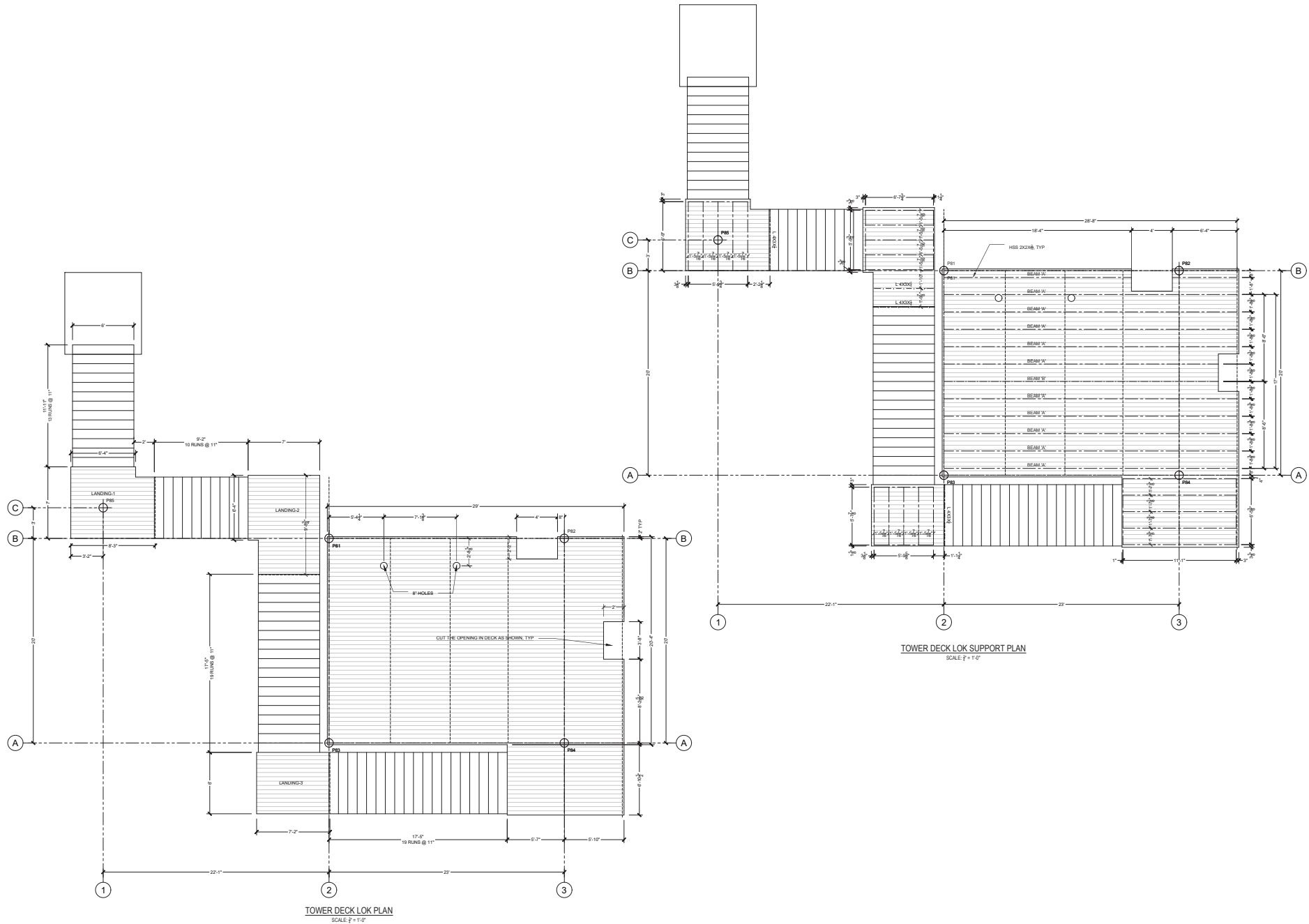
ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

FL LICENSE # 59931
110 SE 23rd TERR
CAPE CORRAL, FL 33904
PH: 239-494-2806

DATE	11.06.24
SCALE	AS SHOWN
DRAWN BY	TJA
CHECKED BY	SRV
INT. JOB NO.	P60.001

ST1.0



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NO.	DATE	REVISIONS	BY
1			
2			
3			
4			
5			
6			

SLIDE TOWER LOK PLANS
MARGARITAVILLE
18365 NW 45TH AVE. ROAD
CITRA, FL 32113



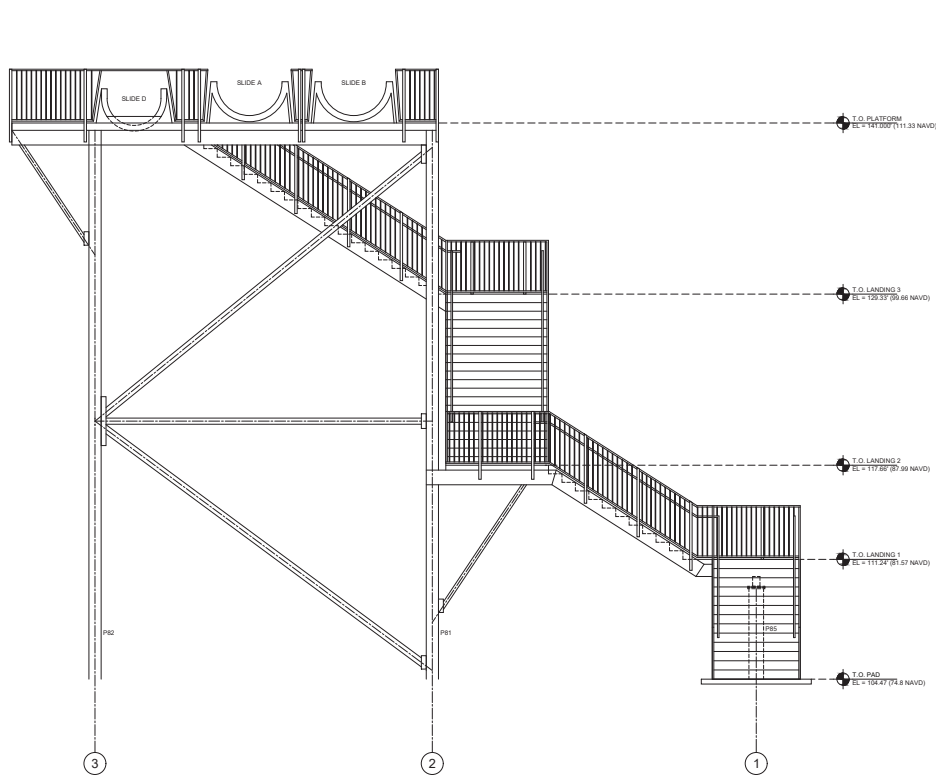
ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

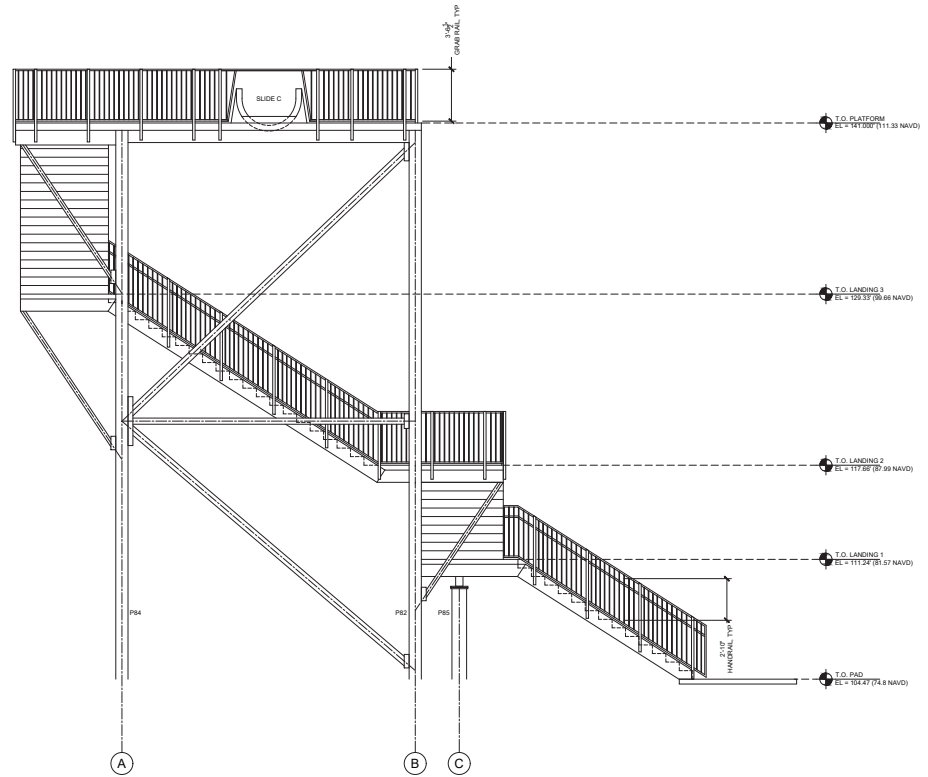
FL LICENSE # 59931
110 SE 22nd TERR
CAPE CORRAL, FL 33904 33990
PH: 239-494-2866

DATE	11.06.24
SCALE	AS SHOWN
DRAWN BY	TJA
CHECKED BY	SRV
INT. JOB NO.	P60.001

ST3.0



TOWER ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



TOWER ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$

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NO.	DATE	REVISIONS	BY
1			
2			
3			
4			
5			
6			

SLIDE TOWER ELEVATIONS
MARGARITAVILLE
18365 NW 45TH AVE. ROAD
CITRA, FL 32113



ENGINEER OF RECORD:

SCOTT R. VAUGHN, P.E.

FL LICENSE # 59931
110 SE 22nd TERR
CAPE CORRAL, FL 33904 33990
PH: 239-494-2806

DATE	11.06.24
SCALE	AS SHOWN
DRAWN BY	TJA
CHECKED BY	SRV
INT. JOB NO.	P80.001

ST5.0

