

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO FLORIDA BUILDING CODE 2023.
2. IT IS THE INTENT OF THESE DRAWINGS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MEET WITH ALL APPLICABLE UTILITY COMPANIES TO VERIFY ALL UNDER- GROUND FACILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL EXCAVATIONS SHALL PROCEED WITH EXTREME CAUTION AT ALL TIMES. IN THE EVENT THAT EXISTING UTILITIES ARE DAMAGED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE ALL DAMAGES.
4. THIS WORK REQUIRES A BUILDING PERMIT. DO NOT BEGIN WORKING UNTIL A BUILDING PERMIT IS OBTAINED.
5. CONTRACTOR IS TO FURNISH ALL LABOR, MATERIALS, SERVICES AND EQUIPMENT NECESSARY TO COMPLETE ALL WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.
6. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN.
7. THE CONTRACTOR SHALL MAKE REQUIRED ARRANGEMENTS, SECURE AND PAY FOR ALL BARRICADES, ENCLOSURES, AND FENCING AS NEEDED FOR AND DURING THE PROGRESS TO PROTECT ADJACENT PROPERTIES.
8. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS CONSTRUCTION, AND FOR THE SEQUENCES AND PROCEDURES TO BE USED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING WITH CURRENT SITE CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.

10. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. ANY DISCREPANCIES BETWEEN PLANS, SECTIONS AND DETAILS OR THE APPLICABLE CODES OR REGULATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER DURING BIDDING OR BEFORE WORK BEGINS IN ORDER TO CLARIFY THE REQUIREMENTS AND TO EFFECT THE NECESSARY MODIFICATIONS, CHANGES AND /OR INSTRUCTIONS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR RESETING ALL DISTURBED EXISTING CONDITIONS AND PROPER DISPOSAL OF ANY EXTRA MATERIALS & GARBAGE FROM THE SITE AFTER COMPLETION OF WORK.
12. THIS FENCE DESIGN IS INTENDED EXCLUSIVELY FOR FLAT TERRAIN GROUND SURFACES AND IS LIMITED TO DECORATIVE BARRIER PURPOSES ONLY.
13. COMPLIANCE WITH EGRESS REQUIREMENTS IS THE RESPONSIBILITY OF OTHERS AND MUST BE APPROVED BY A DESIGN PROFESSIONAL BEFORE INSTALLATION

NON-POOL APPLICATIONS:

1. PER FLORIDA FIRE PREVENTION CODES NFPA 1, 101, GATES REQUIRING EGRESS SHALL HAVE NO LATCHES AND BE FREE SWINGING FOR QUICK EGRESS BY BUSHING ON THE DOOR ONLY
2. THE GATE SHALL HAVE A HINGE THAT SPRINGS CLOSED ONLY

POOL APPLICATIONS:

1. PER FBC 454.2.17.1.8 POOL ACCESS GATE WHEN PROVIDE SHALL COMPLY WITH FBC 454.2 AND MUST BE AT LEAST 48" ABOVE GRADE & EQUIPPED WITH A SELF CLOSING , SELF LATCHING LOCKING DEVICE NOT LESS THAN 54" FROM BOT OF GATE MUST OPEN OUTWARD AWAY FROM POOL. DOUBLE GATES SHALL HAVE A CANE BAR ON AT LEAST ONE SIDE.

DESIGN LOADS:

1. WIND LOAD AS PER ASCE 7-22 KD=0.85, MIAMI-DADE & BROWARD, CATEGORY 2 - 115 mph AS PER FBC 2023 SECTION 1616.2.1 EXPOSURE: C
MAX. ALLOWABLE DESIGN PRESSURE= 16.2 PSF

STRUCTURAL STEEL:

1. STRUCTURAL STEEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE AND AISC SPECIFICATIONS NINTH EDITION.

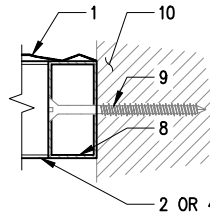
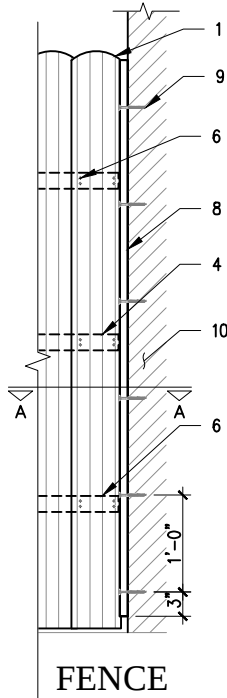
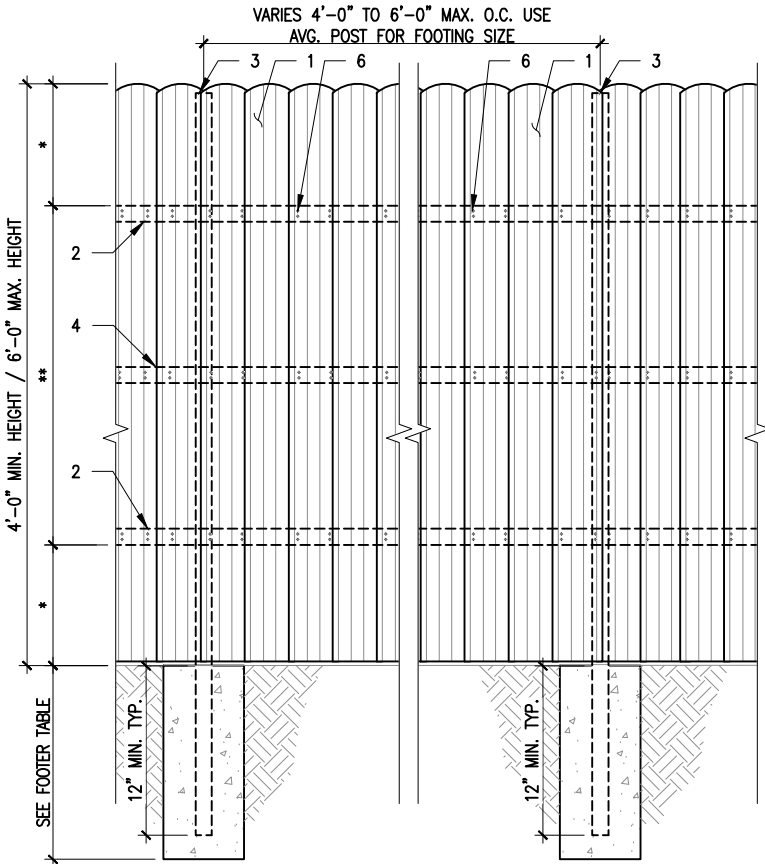
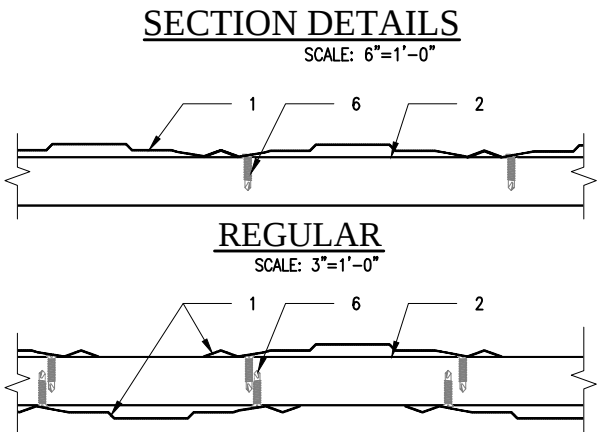
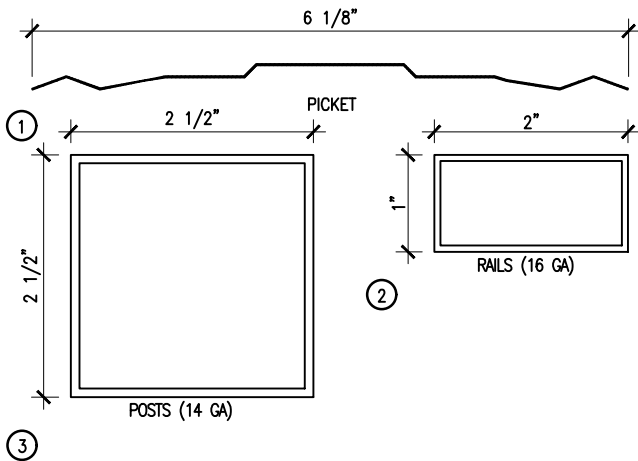
TYPE	ASTM	GRADE	FY
STEEL SHEETS	A36	----	36.0 KSI
STRUCTURAL TUBING	A500	B	46.0 KSI

2. STRUCTURAL STEEL SHALL MEET THE FOLLOWING REQUIREMENTS:
3. ALL STEEL SHALL BE HOT-DEEP GALVANIZED.
4. ALL EXPOSED FERROUS METAL PANELS, RAILS AND POSTS TO BE OF FACTORY HOT DIP GALVANIZED AND FACTORY PAINTED WITH ALKALI-RESISTANCE COATINGS, SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATHER-WHITE MOTHACRYLATE LACQUER.

LEGEND:

1. 24 GA. (MIN.) GALVANIZED METAL SHEET FENCE.
2. 2"x1"x16GA GALVANIZED STEEL TOP & BOTTOM RAIL.
3. 2-1/2"x2-1/2"x14GA GALVANIZED STEEL POST.
4. 2"x1"x16GA GALVANIZED STEEL INTERMEDIATE RAIL OPTIONAL NOT MANDATORY.
6. (2) 10-16 KWIK FLEX SCREW BY HILTI OR APPROVED EQUAL.
8. 2"x1"x16GA GALVANIZED STEEL POST TO CONNECTED TO WALL.
9. #1/4" TAPCON BY READ HEAD OR EQUIVALENT, W/ 3-1/4" MIN EMBEDMENT, 24" MIN SPACING AND 2-1/2" MIN EDGE DISTANCE.
10. EXISTING CMU OR CONCRETE WALL BY OTHERS.

3000 PSI CONCRETE FOOTING TABLE				
FENCE FOOTERS DESIGNED BASED ON F.B.C				
POST HEIGHT	POST SPACING			
	4'-0"	5'-0"	6'-0"	
48"	10"x24"	10"x24"	10"x26"	
60"	10"x24"	10"x24"	-	
72"	10"x24"	-	-	



FOR POOL BARRIERS REFER TO POOL APPLICATION NOTE

- ** 42" MAX FOR 2 RAILS
* 1'-3" MAX FOR 2 RAILS



MANUFACTURE:
Eastern Engineering

JOB No.: 25-0435

PROPERTY OWNER NAME:
Harry Hollub

PROPERTY ADDRESS:
6100 West Suburban Drive Pinecrest FL 33156

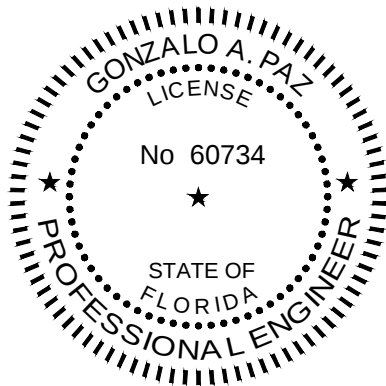
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Digitally signed by
encodian



GONZALO A. PAZ, PE. (Lic No-60734)

CERTIFICATE OF AUTHORIZATION No. 26655

SHEET NAME:
FENCE DWGS.

THIS PLAN IS VALID ONLY AT SPECIFIED LOCATION:
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