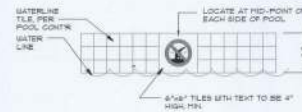
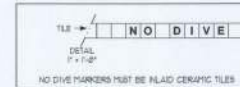


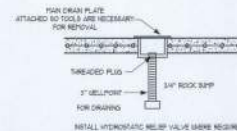
FIELD "A9-BUILT" NOTES



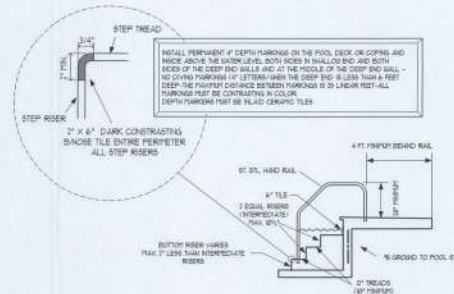
NO DIVING DETAIL
SCALE: NTS



ALT. NO DIVE DETAIL
SCALE: NTS



MAIN DRAIN DETAIL
SCALE: NTS



ENTRANCE STEPS & HANDRAIL DET.
SCALE: NTS

GENERAL POOL NOTES

SOILS:

1. A MINIMUM SAFE SOIL BEARING OF 2000 PSF IS REQUIRED AND SHALL BE VERIFIED BY OTHERS PRIOR TO CONSTRUCTION.
2. THE POOL SHALL BE PLACED ON CLEAN UNDISTURBED SOIL FREE FROM ORGANIC OR CELESTIAL MATERIALS. WHERE FILLING IS NECESSARY, SOIL SHALL BE SUITABLE COMPACTED ACCORDING TO THE RECOMMENDATIONS AND THE SUPERVISION OF A REGISTERED ENGINEER.

PIPING:

1. ALL PIPING TO BE P.V.C. - SCH-40 MINIMUM NON-THREADED 4" SHALL BEAR THE MINIMUM STARTUP 4" SHALL BEAR THE STARTUP OF THE MANUFACTURER.
2. ALL PIPING SHALL BE PRESSURE TESTED DURING THE TIME OF ROUTINE INSPECTION OF THE BUILDING DEPARTMENT.
3. ALL VALVES SHALL BE TAGGED WITH PERMANENT TAGS AND COMPLETE OPERATING INSTRUCTIONS SHALL BE POSTED IN A WATERPROOF FRAME.
4. NO 90 DEGREE ELBOWS ON SUCTION PIPING OF 2 1/2" DIA. OR LESS.
5. PLASTIC PIPES SUBJECT TO A PERIOD OF PROLONGED SUNLIGHT EXPOSURE SHALL BE COATED FOR PROTECTION FROM UV LIGHT DEGRADATION OR IF THE PIPE DURING THE MANUFACTURING PROCESS, ACHIEVES THE SAME END RESULT.

WET DECKS:

1. POOL DECKS SHALL SLOPE AWAY FROM THE POOL AT A MINIMUM TWO PERCENT TO A DRAINAGE POINT TO PROVIDE ADEQUATE DRAINAGE.
2. THE SURFACE OF ALL DECKS AND WALKWAYS TO THE TOILET (THE FIRST 8'-0") SHALL BE PERVIOUS AND SLIP RESISTANT.
3. THERE SHALL BE A MINIMUM 4'-0" UNOBSTRUCTED DECK AROUND ALL PORTS OF THE POOL.

STRUCTURAL:

1. ALL CONCRETE SHALL CONFORM TO ACI 318-85 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF $F_c = 3000$ PSI.
2. CONCRETE THAT BE PLACED CONVENTIONALLY IN FORMS OR PNEUMATICALLY PLACED USING GUNITE OR SHOTCRETE METHODS OF A COMBINATION OF BOTH.
3. REINFORCING STEEL SHALL BE A575 DEFORMATION BARS GRADE AND WITH A MINIMUM YIELD STRESS OF $F_y = 60$ KSI. REINFORCING BARS SHALL BE NEW CORRODED BARS OF BULLET STEEL FREE FROM OIL, SCALE OR RUST. ALL WELDER LAPS AND PLACEMENT SHALL CONFORM TO ACI 318-85.
4. ALL CONCRETE MATERIALS AS WELL AS MIXING, CONVEYING, PLACING AND FINISHING OF CONCRETE SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318 LATEST EDITION) AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDING" (ACI 308 LATEST EDITION).
5. CURING, BEGINNING IMMEDIATELY AFTER PLACEMENT, CONCRETE SHALL BE PROTECTED FROM PREMATURAL DRYING, EXCESSIVELY HOT OR COLD TEMPERATURES, AND FRESHNESS, INJURY, AND SHALL BE MAINTAINED WITH A MINIMUM MOISTURE LOSS AT A RELATIVELY CONSTANT TEMPERATURE FOR THE PERIOD NECESSARY FOR THE CURE OF THE CONCRETE AND HARDENING OF THE CONCRETE.

ELECTRICAL:

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE, LATEST EDITION.
2. REINFORCING STEEL SHALL BE GROUNDED WITH A MINIMUM 10 INCHES COPPER WIRE.
3. BONDING SHALL BE IN ACCORDANCE WITH NEC 800-32.
4. UNDERWATER LIGHTING SHALL BE LOW VOLTAGE (MAXIMUM 30 VOLTS) WITH LOW WATER CUT-OFF.
5. OVERHEAD SERVICE WIRING SHALL NOT PASS WITHIN AN AREA EXTENDING A DISTANCE OF 10'-0" HORIZONTALLY AWAY FROM THE INSIDE EDGE OF THE POOL WALLS, OBSERVATION STAIRS, TOWERS OR PLATFORMS.
6. IT WILL BE THE RESPONSIBILITY OF OTHERS TO PROVIDE WRITTEN EVIDENCE AT THE TIME OF CERTIFICATION FROM THE ELECTRICAL INSPECTOR OR THE ELECTRICAL CONTRACTOR OF COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE AND THE APPROVED PLANS.
7. ALL ELECTRICAL EXTENSION CORDS USED AROUND THE POOL AREA SHALL BE EQUIPPED WITH AN APPROVED GROUND FAULT INTERRUPTERS.

GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORD WITH THE PUBLIC HEALTH ADMINISTRATIVE CODE AND ALL OTHER LOCAL BUILDING CODES.
2. ALL DIMENSIONS AND FIELD CONDITIONS SHALL BE VERIFIED BY THE POOL CONTRACTOR AND THE GENERAL CONTRACTOR PRIOR TO CONSTRUCTION. ANY CHANGES OR DEVIATIONS TO THE PLANS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING. WRITTEN PERMISSION TAKE PRECEDENCE OVER SCALE AT ALL TIMES. SCALE IS FOR GUIDELINE PURPOSES ONLY. WHEN DOUBT, REQUEST CLARIFICATION FROM THE ARCHITECT.
3. THE POOL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING EXCAVATION TO PROTECT EXISTING STRUCTURES.
4. THE POOL CONTRACTOR SHALL TAKE ADEQUATE CARE TO PROVIDE DEEP HILLS AND DE-SATURATE PERIMETER AND ANY OTHER PERIODS NECESSARY TO PREVENT THE POSSIBILITY OF THE POOL FLOATING DUE TO HYDROSTATIC UPLIFT WHEN THE POOL IS EMPTY.
5. POOL EQUIPMENT SHALL BE RUN ON A 24 HOUR BASIS UNLESS TYPING DEVICES ARE INSTALLED. THE SHUT DOWN OF THE RECIRCULATION AND FILTRATION SYSTEMS SHALL BE DURING A PERIOD 3 HOURS PRIOR TO THE OPENING OF THE POOL, DURING A PERIOD WHEN THE POOL IS OPEN AND DURING A PERIOD OF 3 HOURS AFTER THE POOL IS CLOSED.
6. HOUSE BARRIERS IN THE POOL AREA, POOL EQUIPMENT ROOM AND THE TOILET FACILITIES SHALL BE EQUIPPED WITH VACUUM BREAKERS.
7. BACKFILLING OF THE POOL SHALL BE DONE CAREFULLY TO ASSURE THAT NO DAMAGE TO THE PIPING OCCURS AND BACKFILLING SHALL BE DONE WITH CLEAN SOIL, FREE FROM ORGANICS AND DEBRIS AND SHALL BE COMPACTED SO THAT NO VOID EXIST PROVIDING A FIRM BEARING FOR THE DECK.
8. THE POOL DECKS SHALL BE DESIGNED AND CONSTRUCTED BY OTHERS AND SHALL MEET ALL OF THE REQUIREMENTS AS SET FORTH IN THE PUBLIC HEALTH ADMINISTRATIVE CODES.
9. NO FIELD SUPERVISION OR INSPECTION WILL BE MADE BY THE DESIGNER, UNLESS SPECIFICALLY CONTRACTED FOR SEPARATELY.

REVISION

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N.P. Geisler, Architect

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CUSTOM POOL DESIGN FOR:
OGBIEN
COLUMBIA COUNTY, FLORIDA
POOL PLAN

Celebrating
52 Years of Service
1972-2024
N.P. Geisler, Architect
Architect



NICHOLAS
PAUL
GEISLER
ARCHITECT

NG

1770 N. W. 10th St.
Fort Lauderdale, FL 33304-4400

DATE:

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