FIELD "AS-BUILT" NOTES

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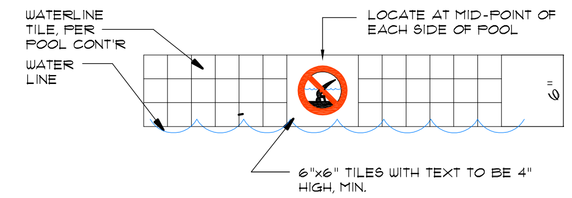
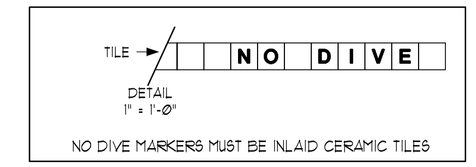
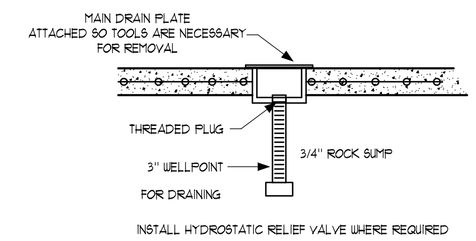


NO DIVING DETAIL (1)
SCALE: NTS

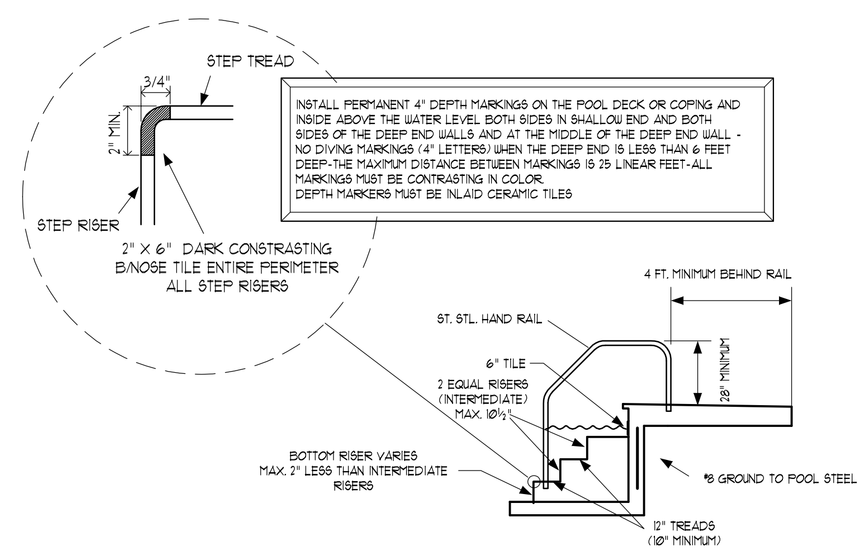


ALL HORIZONTAL TILE AND DEPTH MARKINGS SHALL BE UNGLAZED

ALT. NO DIVE DETAIL (2)
SCALE: NTS



MAIN DRAIN DETAIL (3)
SCALE: NTS



ENTRANCE STEPS & HANDRAIL DET. (4)
SCALE: NTS

POOL FITTINGS				
1	POOL SKIMMER	STA-RITE	08650-5404	IN-GROUND SKIMMER FOR CONCRETE POOLS
1	INLET FITTINGS	TRITON	54-1005	1-1/2" ADJUSTABLE (DIRECTIONAL) PLASTIC WALL INLETS
1	MAIN DRAIN OUTLET	TRITON	54-2020	12" x 12" PLASTIC PLATE W/85.86' OPEN AREA (EA.)
1	UNDERWATER LIGHT	AMERICAN PRODUCTS		12V, 300 WATTS EA. W/ LOW WATER CUT-OFF & TRANSFORMER
1	HAND RAIL	ASTRAL		STAINLESS STEEL - 3 BEND

OPTIONAL DECK AND OTHER EQUIPMENT				
1	LIFE HOOK	A. J. JAMACO		ST. STL. W/ 16' ALUMINUM POLE
1	LIFE RING	RAINBOW PLASTIC		24" DIA. W/ 50' OF 1/2" NYLON LINE
1	VACUUM CLEANER	RAINBOW PLASTIC	#88-20	4-WHEEL W/ 18" HEAD AND 40' OF HOSE
1	NYLON BRUSH	AMB	#AB-905	18" W/ CURVED ENDS
1	TEST KIT	TAYLOR	2000 SERIES	FAC, TAC, Ph, CH, CYA, AND TA TEST CAPABILITIES

GENERAL POOL NOTES

SOILS:

1. A MINIMUM SAFE SOIL BEARING OF 1500 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 DELETERIOUS MATERIALS. WHERE FILLING IS NECESSARY, SOIL SHALL BE SUITABLE COMPACTED ACCORDING TO THE RECOMENDATIONS AND THE SUPERVISION OF A REGISTERED ENGINEER.

PIPING:

1. ALL PIPING TO BE PVC - SCH-40 MINIMUM, NON-THREADED & SHALL BEAR THE NSF-pw STAMP & SHALL BEAR THE STAMP OF THE MANUFACTURER.
2. ALL PIPING SHALL BE PRESSURE TESTED DURING TH TIME OF ROUTINE INSPECTION OF THE BUILDING DEPARTMENT.
3. ALL VALVES SHALL BE TAGGED WITH PERMENANT TAGS AND COMPLETE OPPERATING 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 U.V. LIGHT DEGRADATION OR IF THE PIPE, DURING THE MANUFACTURING PROCESS, ACHIEVES THE SAME END RESULT.
6. ALL PIPING SHALL BE SUPPORTED ON 5'-0" MAXIMUM CENTERS ON EITHER CLEVIS TYPE HANGERS, WATER PACKED FILL OR AS SHOWN IN THE WALL SECTION PIPING DETAIL.

WET DECKS:

1. POOL DECKS SHALL SLOPE AWAY FROM THE POOL AT A MINIMUM TWO PERCENT TO A MAXIMUM FOUR PERCENT TO PROVIDE ADEQUATE DRAINAGE.
2. THE SURFACE OF ALL DECKS AND WALKWAYS TO THE TOILET (THE FIRST 15'-0") SHALL BE IMPERVIOUS AND SLIP RESISTANT.
3. THERE SHALL BE A MINIMUM 4'-0" UNOBSTRUCTED DECK AROUND ALL POINTS OF THE POOL.

STRUCTURAL:

1. ALL CONCRETE SHALL CONFORM TO ACI 318-83 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF F'c = 3,000 PSI.
2. CONCRETE MAY BE PLACED CONVENTIONALLY IN FORMS OR PNEUMATICALLY PLACED USING GUNITE OR SHOTCRETE METHODS OF A COMBINATION OF BOTH.
3. REINFORCING STEEL SHALL BE ASTM DESIGNATION A615 GRADE 60 WITH A MINIMUM YEILD STRESS OF Fy = 60 KSI. REINFORCING BARS SHALL BE NEW DEFORMED BARS OF BILLET STEEL, FREE FROM OIL, SCALE OR RUST. ALL SPLICES, LAPS AND PLACEMENT SHALL CONFORM TO ACI 318-83.
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 "SPECIFACATIONS FOR STRUCTURAL CONCRETE FOR BUILDING" (ACI 301 LATEST EDITION).
5. CURING: BEGINNING IMMEDIATELY AFTER PLACEMENT, CONCRETE SHALL BE PROTECTED FROM PREMATURE DRYING, EXCESSIVELY HOT OR COLD TEMPERATURES, AND MECHANICAL INJURY, AND SHALL BE MAINTAINED WITH A MINIMAL MOISTURE LOSS AT A RELATIVELY CONSTANT TEMPERATURE FOR THE PERIOD NECESSARY FOR THE HYDRATION OF THE CEMENT 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 #8 INSULATED COPPER WIRE.
3. BONDING SHALL BE IN ACCORDANCE WITH NEC 680-22.
4. UNDERWATER LIGHTING SHALL BE LOW VOLTAGE (MAXIMUM 15 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 STANDS, TOWERS OR PLATFORMS.
6. IT WILL BE THE RESPONSIBILITY OF OTHERS TO PROVIDE WRITTEN EVIDENCE AT THE TIME OF CERTIFACATION FROM THE ELECTRICAL INSPECTOR OR THE ELECTRICAL CONTRACTOR OF COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE AND THE APPROVED PLANS.
7. ALL ELECTRICAL EXTENTION CORDS USED AROUND THE POOL AREA SHALL BE EQUIPPED WITH UL, 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 DIMENSION TAKE PRECEDENCE OVER SCALE AT ALL TIMES, SCALE IS FOR GUIDELINE PURPOSES ONLY. WHEN DOUBT, REQUEST CLEARFACATION 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 PORVIDE WEEP HOLES AND DE-WATERING PUMP(S) AND ANY OTHER METHODS 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 TIMING DEVICES ARE INSTALLED. THE SHUT DOWN OF THE RECIRCULATION AND FILTRATION SYSTEMS SHALL NEVER 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. HOSE BIBBS 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 OCCURES AND BACKFILLING SHALL BE DONE WITH CLEAN SOIL FREE FROM ORGANICS AND DEBRIS AND SHALL BE COMPACTED SO THAT NO VOIDS 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 INSPECTIONS WILL BE MADE BY THE DESIGNER, UNLESS SPECIFICALLY CONTRACTED FOR SEPERATELY.

REVISION:

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CUSTOM RESIDENTIAL DESIGN for:
SVETLANA KHOMICH
COLUMBIA COUNTY, FLORIDA
POOL DETAILS / CONSTRUCTION NOTES

Celebrating 53 Years of Service
1972 - 2025
N.P. Geisler, Architect
AR0007005

CUSTOM ARCHITECTURAL DESIGN

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DATE: 10 MAY 2025
COMM: 2K2518

SHEET: A.0
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