

Pool Dimensions:
 Maximum length: 37'
 Maximum width: 23'
 Minimum depth: 3'6"
 Maximum depth: 6'
 Perimeter feet: 98 L/F
 Square feet: 600 SF

Spa:
 Max Length: 7'D
 Square Feet: 50 SF

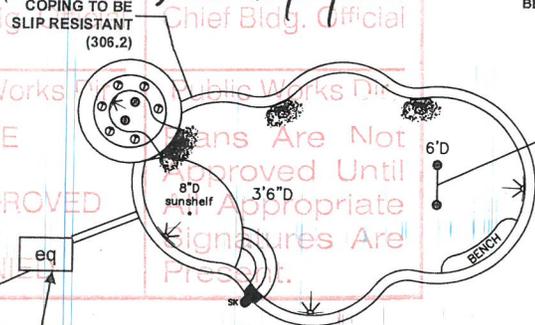
Pool Equipment:
 Pump: 1.5 hp JANDY PUMPS
 Filter: CL420 CARTRIDGE
 Chem Type: SALT
 Lighting: (2) 12 volt LED
 Heater: 400K BTU
 Reinforcement:
 Steel C x C: 12 INCH
 Rebar Size: #3 3/8"
 Piping:
 Returns: 2w/2" PIPE
 Skimmer: 2w/2" PIPE
 Drains: VGB COMPLIANT
 DOUBLE ANTI VORTEX
 Auto sweeps: PFA 180
 Coping: BLUE STONE
 Tiles: 6" STONE
 Inside finish: PEBBLE-TEC

NOTES:

- #3 (3/8") REBAR SCHED .40 SPEC. 615 USED THROUGHOUT POOL EXCEPT IN BEAM
- STEEL WILL BE 12" O.C. EXCEPT IN BOND BEAM.
- BOND BEAM WILL BE 3 BARS #4 (1/2")
- STARTING AT 6 1/4" DEPTH AND RUNNING AROUND THE DEEP END BOWL TO THE OPPOSITE SIDE OF THE POOL AT THE 6 1/4" DEPTH. #3 REBAR SHALL BE INSTALLED ON 12" CENTERS
- ALL STEEL TO BE CONTINUOUS BY SPlicing.
- ALL SPLICES SHOULD BE APPROXIMATELY 18" WITH A MINIMUM OF 12" AND TWO TIES.
- ALL STEEL WILL BE BLOCKED 2" OFF DIRT.
- ADD #3 @ 10.0' LONG @ 12" VERT. MAKING A TOTAL OF #3 VERT. @ 6" O.C.. #3 TO BEGIN 2'0" INTO THE FLOOR & EXTEND UPWARD INTO THE WALL. ADD #3 @ 6" O.C. 2' INTO SHALLOW END EXTENDING DOWN BREAK 2' DEEP INTO THE DEEP END FLOOR.

1 DETAILS

2 SIDE PROFILE (807.1) 4.5 RISE / 28 RUN = 0.1607 (SLOPE)
 NC 12/1/2024



3 OVERVIEW

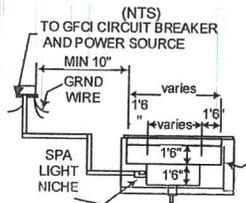
Pool covers. Heated pools shall be equipped with a vapor-retardant pool cover on or at the water surface. Pools heated to more than 90°F (32°C) shall have a pool cover with a minimum insulation value of R-12. (2009 IECC403.9.3)

#10 WIRE 60 AMP 230 V WITH OVERCURRENT ALARM AND SHUTOFF

2" PVC PIPE TO SKIMMERS AND RETURNS POOL HAS NO AUTOFILL OR DISCHARGE SYSTEM (ISPSec 311)

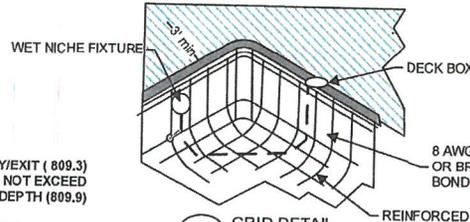
ALL PUMP MOTORS AND WET NICHE FIXTURES ARE PROTECTED WITH GFCI OVERCURRENT DEVICES

6 SPA DETAIL



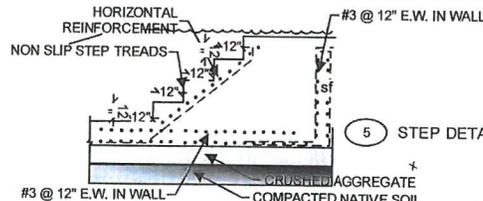
BENCH ENTRY/EXIT (809.3) SHALL NOT EXCEED 20" IN DEPTH (809.9)

DUAL ANTI VORTEX V.G.B. COMPLIANT MAIN DRAIN (3' APART) COMPLIANT WITH ANSI/APSP-7 (ANTI SUCTION ENTRAPMENT ISPSec 310)

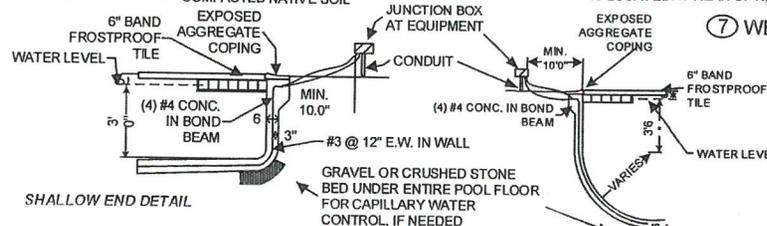


4 GRID DETAIL 2018 NEC (680.26)

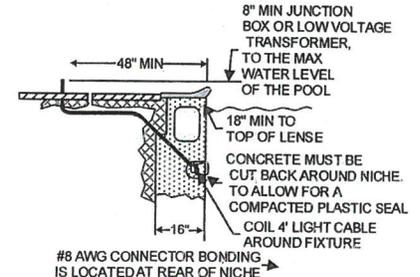
EQUIPOTENTIAL BONDING AND BONDING GRID: * BONDING SHALL BE DONE IN ACCORDANCE WITH SECTION 680.28 OF THE NATIONAL ELECTRICAL CODE (NEC)



5 STEP DETAIL



8 WALL DETAIL



7 WET NICHE FIXTURE (NTS)

24 HR Contact: RON COKER JR.
 Phone: 404-557-3265

3/32=1'

****RELEASED FOR CONSTRUCTION
 CURRENT APPLICABLE CODES FROM
 2012 ISPSec CODE FOR SWIMMING POOLS AND SPAS

E00-122

Designed for:

JUDI-LEE WEBB
 3341 PRETTY BRANCH DR.
 SMYRNA GA. 30080

ISPSec Section 305.4

Where a wall of a dwelling or structure serves as part of the barrier, doors and operable windows with a sill height of less than 48 inches that provide direct access to the aquatic vessel through the wall, shall be equipped with one or more of the following:

- An alarm that produces an audible warning when the door or its screen or window, is opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 2017. In dwellings or structures not required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located 54 inches or more above the threshold of the door. In dwellings or structures required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located not greater than 54 inches and not less than 48 inches above the threshold of the door.

SITE PLAN PREPARED FOR:
JUD-LEE WEBB
 3341 PRETTY BRANCH DR.
 SMYRNA GA. 30080



GSWCC Georgia Statewide Construction Commission
Charles W Lovelace
 Level II Certified Design Professional
 License No. 000000717
 State: GA License No. 01102819 Expires: 01/18/2022

THIS PROPERTY HAS NOT BEEN SURVEYED BY THE SURVEYOR NOR HAS THE SURVEY BEEN BOUNDARY AND TOPOGRAPHIC CONDITIONS HAVE BEEN TAKEN FROM EXISTING CONDITIONS PROVIDED BY SURVEY LAND COMPASS AND LATEST AVAILABLE TO 2020

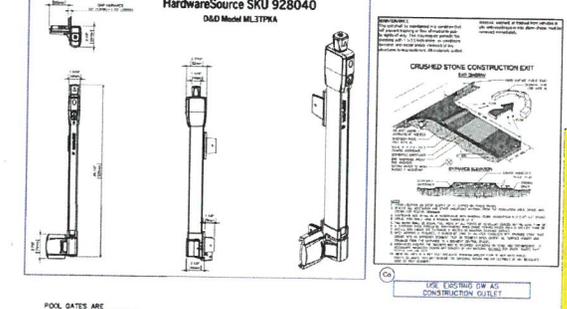
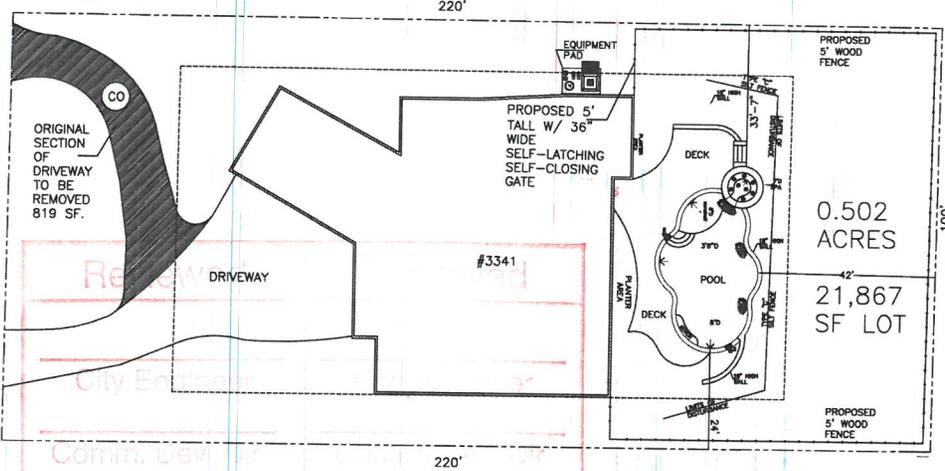
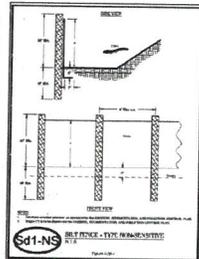
SURVEY SYSTEMS ATLANTA
 2108 W. PARK DR., SUITE D, DOWNSVILLE, GA 30007
 (404) 487-1000 FAX: (404) 487-1001
 www.surveysystems.com

24 HOUR CONTACT
 404-487-1000
 www.surveysystems.com

IF YOU DO OBSTRUCT, CALL US FIRST!
VIOLATE PROTECTION ORDER
IT'S THE LAW
 400-285-7481

The Preservation & Replacement Plan Notes:
 1. The density requirements shown on the Tree Preservation and/or Replacement Plan(s) must be verified prior to the issuance of the Certificate of Occupancy. Contact the City of Smyrna at (404) 837-0276 for a Site Inspection.
 2. Replaced trees shall be planted within 90 days of removal.
 3. Commercial properties in perpetuity.
 4. Replaced trees shall be planted within 90 days of removal.
 5. All tree protection devices including a 2" layer of mulch and an application of a hydroponic product on all saved trees must be installed and inspected prior to start of any land excavation.
 6. The City contractor shall coordinate service routing of all gas, telephone, and electric lines with the appropriate utility company. All construction must comply with all utility standards and specifications and not interfere with tree planting and/or existing trees to be preserved.
 7. For any boundary lines that have to be cut, the contractor shall be responsible for the cost to replace the boundary lines to the original condition.
 8. Trees which are to be removed shall be marked with a red 'X' and a 'T' in the field notes. The property owner shall maintain required tree density. The Permittee will be responsible for replacement trees that are removed. An agreement between the Permittee and the City of Smyrna shall be required prior to the start of any tree removal. The Permittee will be responsible for replacement trees that are removed. An agreement between the Permittee and the City of Smyrna shall be required prior to the start of any tree removal. The Permittee will be responsible for replacement trees that are removed. An agreement between the Permittee and the City of Smyrna shall be required prior to the start of any tree removal.

All construction and construction related work, including but not limited to demolition and retaining walls shall occur only from 7am to 7pm Monday through Friday, or from 9am to 5pm on Saturdays. No construction or construction related work shall occur on Sundays or on New Year's Day, Thanksgiving Day, Christmas Day, Memorial Day, July 4th, Labor Day, unless such activity occurs from 9am to 5pm on the day of the holiday. All construction work shall be completed by 5pm on the day of the holiday. All construction work shall be completed by 5pm on the day of the holiday. All construction work shall be completed by 5pm on the day of the holiday.



NO PROPOSED GRADING EXCEEDS TWO (2) FEET
 CONTOURS SHOWN ARE EXISTING. MAKE SURE TO SLOPE.

CRUSHED STONE CONSTRUCTION EXIT

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FLOOD HAZARD STATEMENT
 This site is located within a zone as defined by FEMA Community Panel Number(s) 1308800014 for the City of Broome/Bates County, Georgia.
 EFFECTIVE DATE: 06/15/2019

EROSION CONTROL LEGEND
 APPLY TO ALL DISTURBED AREAS
 [D1] TEMPORARY ORDER OF PLAN REVISIONS APPLICABLE TO THE SURFACE FOR A PERIOD OF (3) MONTHS OR LESS FROM BEGINNING OF CONSTRUCTION
 [D2] ESTABLISHING A TEMPORARY EROSION CONTROL MEASURE
 [D3] ESTABLISHING PERMANENT VEGETATIVE EROSION CONTROL MEASURES
 [D4] DISTURBED AREA STABILIZATION
 [D5] CONSTRUCTIVE SURFACE AND IMPROVEMENT OF SOIL ON LAND DISTURBED AREAS

TREE DENSITY REQUIREMENTS
 SITE DENSITY FACTOR INCHES PER ACRE: 345" x 120" inches = 41,400" REQUIRED

TREE PROTECTION FENCING DETAIL
 THIS PROTECTION SHALL NOT BE PLACED AT LEAST 30" FROM THE LENGTH OF THE TREE PROTECTION FENCE. THE SIGN SHOULD BE IN A LANGUAGE AS THAT OF THE USER OF THE SITE TO BE PROTECTED.

CONTRACTOR INFO:
ARTISTIC POOLS INC.
 3884 NORTH PEACHTREE RD,
 ATLANTA GA 30341
 770-458-9177

PROPOSED LOT COVERAGE
 POOL/SPA: 650 SQ. FT.
 PAVER DECK: 642 SQ. FT.
 EQUIPMENT PAD: 25 SQ. FT.
 WALL: 25 SQ. FT.
 TOTAL PROPOSED: 1,360 SQ. FT.

24HR CONTACT INFO
RON COKER JR.
 404-557-3265

TOTAL EXISTING: 6,227 SQ. FT.
 PROPOSED IMPERV. AREA: 7,587 SQ. FT.

POOL SPECS:
 16'X23'X37'
 3'6"X6' DEEP
 20,441 GALLONS

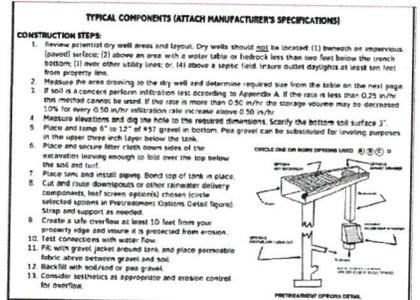
TOTAL LOT AREA: 21,867 SQ. FT.
 IMPERVIOUS AREA % 34.69%

NOTE:
 NO WALLS OVER 4' TALL
 NO TREES IMPACTED BY POOL PROJECT

ERAP-42E REQUIREMENTS - BROOKHAVEN
 R401.3 Drainage: Surface drainage shall be directed to a storm sewer, catchment or other approved point of collection that does not create a hazard. It shall be placed to drain surface water away from foundation walls. The grade shall not be less than 1/8" (3.2 mm) within the first 10 feet (3.05 m).

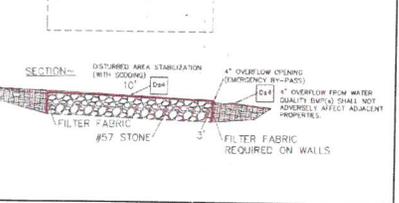
R401.7.3 Foundation elevation: On graded sites, the top of any exterior foundation shall extend above the elevation of the street gutter or point of discharge on the street or an approved drainage device a minimum of 12 inches (305 mm) plus 2 percent. Alternate provisions are permitted subject to the approval of the building official, provided it can be demonstrated that required drainage to the point of discharge and away from the structure is provided at all locations on the site.

NOTE: 16 Height above finished grade. Concrete and masonry foundation walls shall extend above the finished grade adjacent to the foundation at all points a minimum of 4 inches (102 mm) where masonry veneer is used and a minimum of 6 inches (152 mm) elsewhere.



TYPICAL COMPONENTS (ATTACH MANUFACTURER'S SPECIFICATIONS)

CONSTRUCTION STEPS:
 1. Remove existing dry well area and lay out. Dry wells should be located (1) between an impervious (paved) surface; (2) above an area with a water table or flood risk less than one foot below the street bottom; (3) over other utility lines; or (4) above a septic tank (ensure utility depths at least ten feet from property line).
 2. Measure the area draining to the dry well and determine required size from the table on the next page.
 3. Lay out a concrete perimeter foundation and determine required size from the table on the next page. This method cannot be used if the site area is more than 0.50 ac/ft. If the area is less than 0.25 ac/ft, 10% for every 0.50 ac/ft reduction (the increase allows 0.50 ac/ft).
 4. Measure elevations and dig the hole to the required dimensions. Scarify the bottom soil surface.
 5. Place and trowel 6" to 12" of #31 gravel in bottom. Pave grade can be substituted for leveling purposes in the upper three feet below the tank.
 6. Place and secure filter mesh over sides of the excavation leaving enough to lay over the top below the soil and turf.
 7. Place tank and install piping. Bond top of tank in place.
 8. Lay and secure downspout or other container delivery components, half screen optional cream level selected option as Permeation Options (Detail Figure) Strip and support as needed.
 9. Create a safe overtop as a least 10 feet from property edge and ensure a protected base erosion.
 10. Test connections with water flow.
 11. Fill with gravel (cover around tank and place permeable fabric above bottom gravel and soil).
 12. Backfill with mulch or pea gravel.
 13. Consider aesthetics as appropriate and erosion control by overtop.



AG 105.2 OUTDOOR SWIMMING POOL:
 AN OUTDOOR SWIMMING POOL, INCLUDING AN IN-GROUND, ABOVE GROUND, OR ON GROUND POOL, HOT TUB OR SPA SHALL BE PROVIDED WITH A BARRIER WHICH SHALL COMPLY WITH THE FOLLOWING:

1. THE TOP OF THE BARRIER SHALL BE AT LEAST 48" (1219 mm) ABOVE GRADE MEASURED ON THE SIDE OF THE BARRIER WHICH FACES AWAY FROM THE SWIMMING POOL. THE MAXIMUM VERTICAL CLEARANCE BETWEEN GRADE AND THE BOTTOM OF THE BARRIER SHALL BE 2 INCHES (51 mm) MEASURED ON THE SIDE OF THE BARRIER WHICH FACES AWAY FROM THE SWIMMING POOL. WHERE THE TOP OF THE POOL STRUCTURE IS ABOVE GRADE, SUCH AS AN ABOVE GROUND POOL, THE BARRIER MAY BE AT GROUND LEVEL, SUCH AS THE POOL STRUCTURE, OR MOUNTED ON TOP OF THE POOL STRUCTURE. WHERE THE BARRIER IS MOUNTED ON TOP OF THE POOL STRUCTURE, THE MAXIMUM VERTICAL CLEARANCE BETWEEN THE TOP OF THE POOL STRUCTURE AND THE BOTTOM OF THE BARRIER SHALL BE 4" (102mm).
2. OPENINGS IN THE BARRIER SHALL NOT ALLOW PASSAGE OF A 4" DIAMETER (102 mm) SPHERE.
4. WHERE A BARRIER IS COMPOSED OF HORIZONTAL AND VERTICAL MEMBERS AND THE DISTANCE BETWEEN THE TOPS OF THE HORIZONTAL MEMBERS IS LESS THAN 45", THE HORIZONTAL MEMBERS SHALL BE LOCATED ON THE SWIMMING POOL SIDE OF THE FENCE. SPACING BETWEEN VERTICAL MEMBERS SHALL NOT EXCEED 1.75 INCHES IN WIDTH

GATE NOTE:
 (AG 105.2-8)

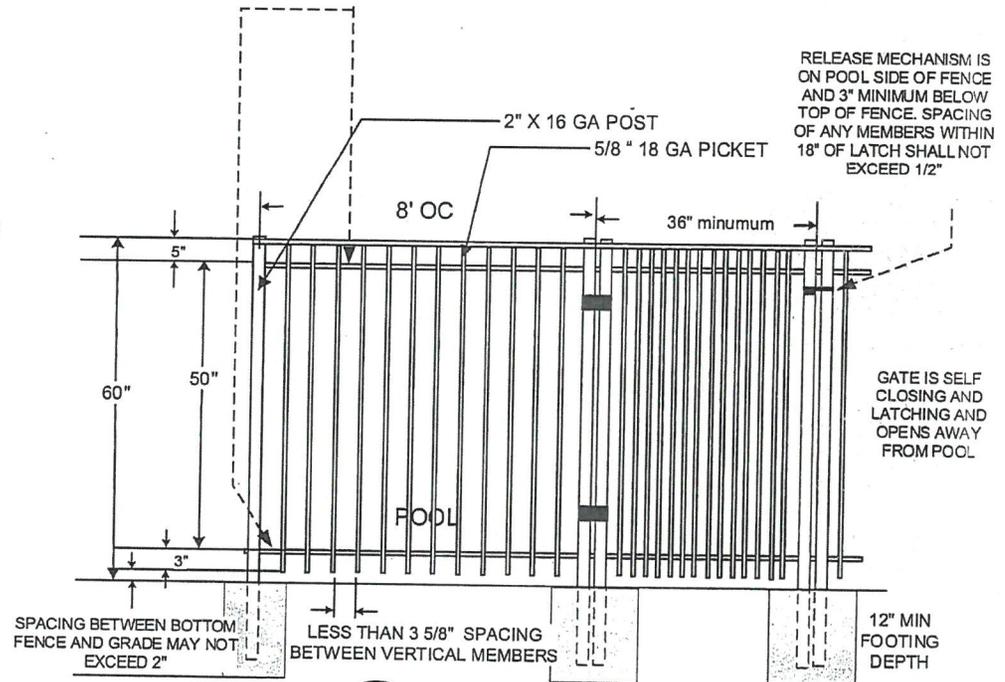
ACCESS GATES SHALL COMPLY WITH THE REQUIREMENTS OF SECTION AG 105.2, ITEMS 1-7, AND SHALL BE EQUIPPED TO ACCOMMODATE A LOCKING DEVICE. PEDESTRIAN ACCESS GATES SHALL OPEN OUTWARD AWAY FROM THE POOL AND SHALL BE SELF-CLOSING AND HAVE A SELF-LATCHING DEVICE. WHERE THE RELEASE MECHANISM AND OPENINGS SHALL COMPLY WITH THE FOLLOWING:

- 8.1 THE RELEASE MECHANISM SHALL BE LOCATED ON THE POOL SIDE OF THE GATE AT LEAST 3" (76mm) BELOW THE TOP OF THE GATE, AND
 - 8.2 THE GATE AND BARRIER SHALL HAVE NO OPENING GREATER THAN 0.5" 912.7mm) WITHIN 18" (457mm) OF THE RELEASE MECHANISM.
9. WHERE A WALL OF A DWELLING SERVES AS A PART OF THE BARRIER ONE OF THE FOLLOWING CONDITIONS MUST BE MET:

9.2 ALL DOORS WITH DIRECT ACCESS TO THE POOL THROUGH THAT WALL SHALL BE EQUIPPED WITH AN ALARM WHICH PRODUCES AN AUDIBLE WARNING WHEN THE DOOR AND ITS SCREEN, IF PRESENT, ARE OPENED. THE ALARM SHALL SOUND CONTINUOUSLY FOR 30 SECONDS IMMEDIATELY AFTER THE DOOR IS OPENED AND BE CAPABLE OF BEING HEARD THROUGHOUT THE HOUSE DURING NORMAL HOUSEHOLD ACTIVITIES. THE ALARM SHALL AUTOMATICALLY RESET UNDER ALL CONDITIONS. THE ALARM SHALL BE EQUIPPED BY A MANUAL MEANS, SUCH AS TOUCHPAD OR SWITCH, TO TEMPORARILY DEACTIVATE THE ALARM FOR A SINGLE OPENING. SUCH DEACTIVATION SHALL LAST FOR NOT MORE THAN 15 SECONDS. THE DEACTIVATION SWITCH(ES) SHALL BE LOCATED AT LEAST 54" (1372mm) ABOVE THE THRESHOLD OF THE DOOR; OR

9.3 OTHER MEANS OF PROTECTION, SUCH AS SELF-CLOSING DOORS WITH SELF-LATCHING DEVICES, WHICH ARE APPROVED BY THE GOVERNING BODY, SHALL BE ACCEPTABLE SO LONG AS THE DEGREE OF PROTECTION AFFORDED BY ITEM 9.1 OR 9.2 DESCRIBED ABOVE.

WHEN THE SPACING BETWEEN THE TOPS OF THE HORIZONTAL MEMBERS EXCEEDS 45" THEN THEY MAY BE LOCATED ON EITHER SIDE OF THE FENCE AND THE SPACING BETWEEN VERTICAL MEMBERS CAN NOT EXCEED 3 5/8"



1 POOL GATE DETAIL 1/2" = 1'

60" ALUMINUM POOL FENCE

