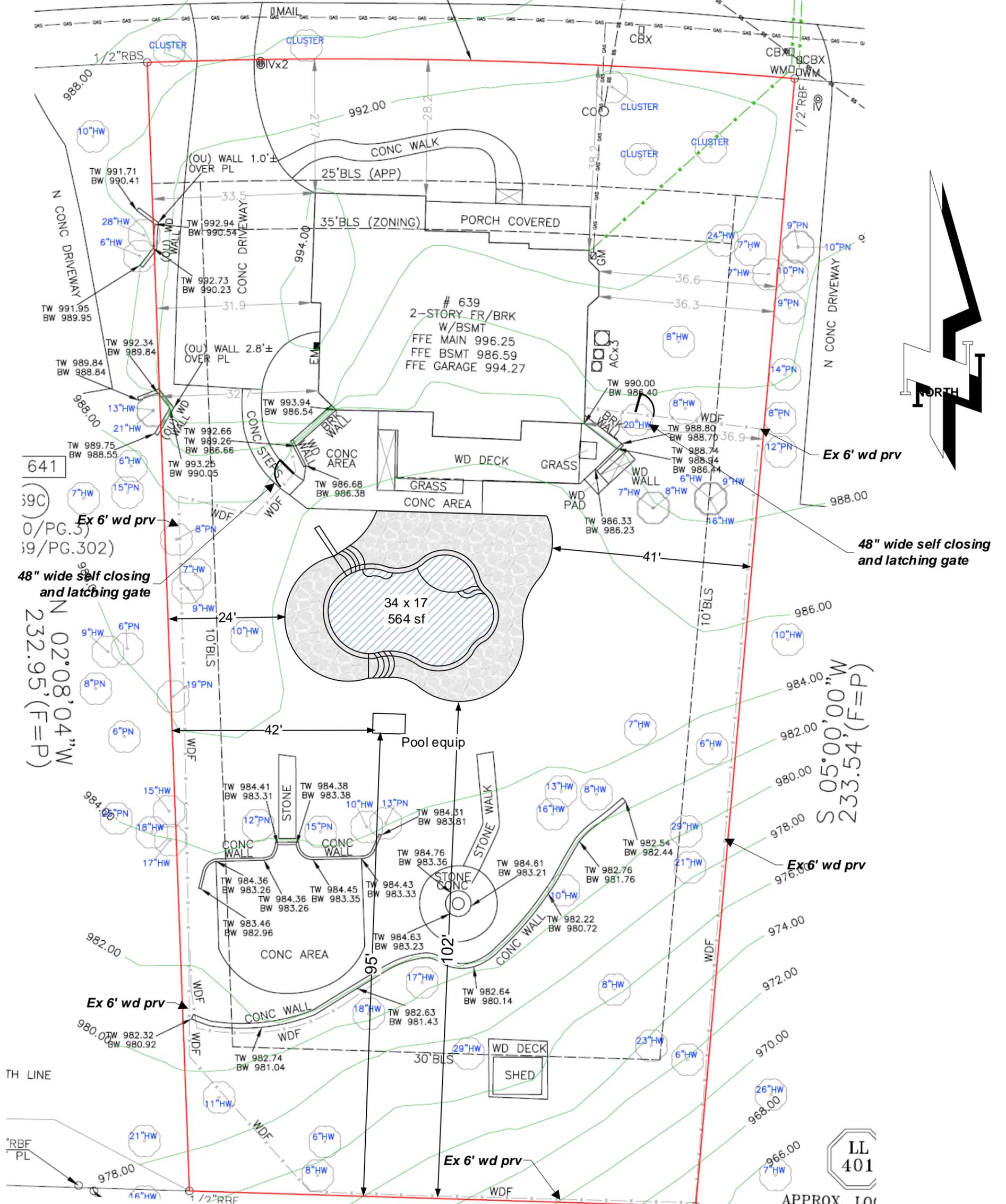


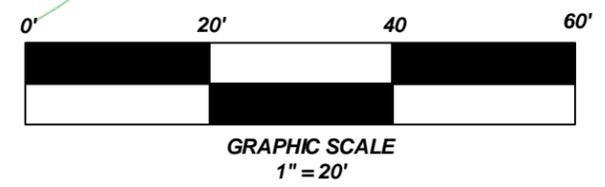
S 88°34'06"E  
 CHORD 133.23'  
 ARC 133.32'(F=P)  
 RADIUS 1070.71'

**ON SITE EROSION CONTROL  
 AND 24 HOUR CONTACT:  
 BRUCE TODD  
 770-833-9347**



TOTAL LOT: 0.639 ACRES OR 27821.66 SQ FT  
 LOT COVERAGE CALCULATIONS:

EXISTING IMPERVIOUS:	6747.96 SQ FT
PROPOSED POOL AND SPA (H2O):	(564) SQ FT
PROPOSED STONE COPING AND DECKING:	102 SQ FT
PROPOSED POOL DECK:	852 SQ FT
PROPOSED POOL EQUIP:	32 SQ FT
PROPOSED COVERAGE:	7733.96 SQ FT OR 27.79%



**SITE PLAN FOR:  
 SHANNON GREENWALD  
 639 VININGS ESTATES DR  
 MABLETON GA 30126**

**LOCATED IN:  
 LL: 3  
 DIST: 3<sup>RD</sup> SECT: 1<sup>ST</sup>  
 LOT: 70C VININGS ESTATES  
 CITY OF SMYRNA  
 COBB COUNTY  
 GEORGIA**

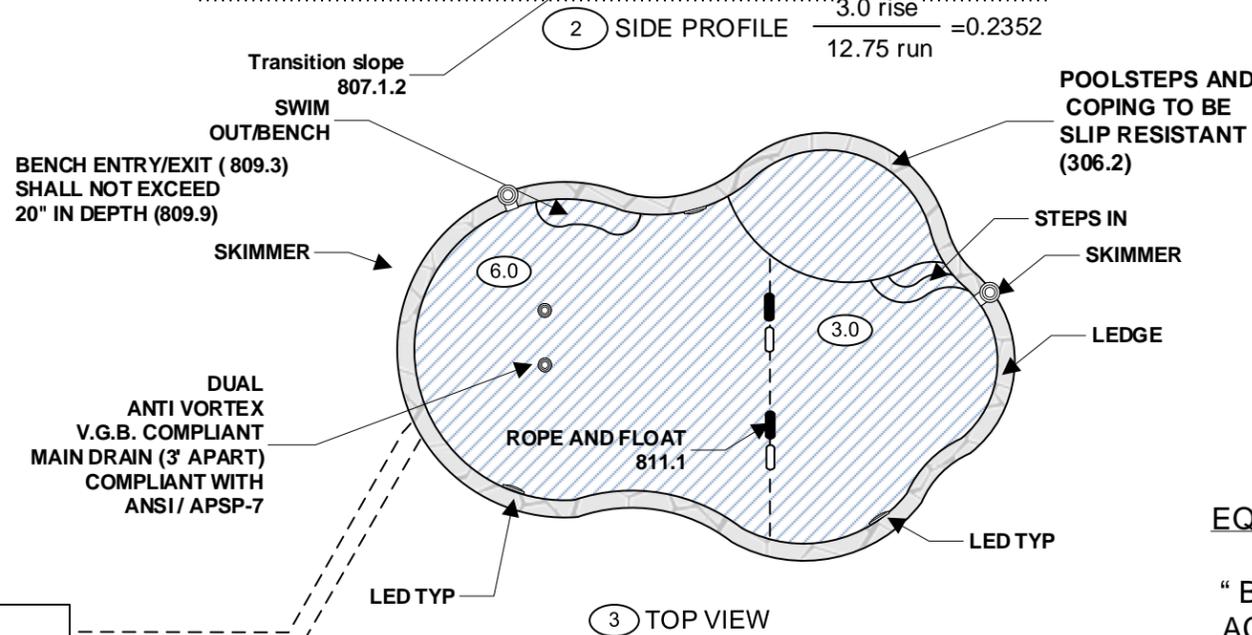
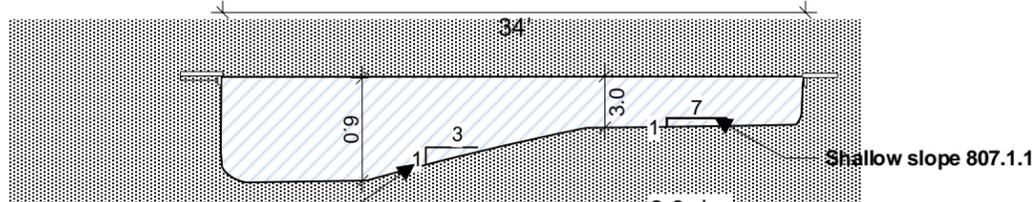
**BUILDER:  
 ATLANTIS POOLS  
 102 SHILOH RIDGE TR.  
 CANTON GA 30115  
 770-833-9347**

**Pool Dimensions:**  
 Maximum length: 34'  
 Maximum width: 17'  
 Maximum depth: 3.5'  
 Maximum depth: 7.0'  
 Perimeter feet: 112  
 Square feet: 564  
 Spa: NO SPA  
 Square feet: N/A

**Pool Equipment:**  
 Pump: 2.0 hp VS  
 Filter: CV580 CARTRIDGE  
 Chem Type: CHLORINE  
 Lighting: (3) 12 VOLT LED  
 Heater: 399k BTU  
**Reinforcement:**  
 Steel C x C: 12 INCH  
 Rebar Size: #3 3/8"  
**Piping:**  
 Returns: 2w/2" PIPE  
 Skimmer: 2w/2" PIPE  
 Drain: VGB COMPLIANT  
 DOUBLE ANTI VORTEX  
 Auto sweep: YES  
 Coping: BLUESTONE  
 Tile: 6X6 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 (3/8")
- STARTING AT 6 1/2" DEPTH AND RUNNING AROUND THE DEEP END BOWL TO THE OPPOSITE SIDE OF THE POOL AT THE 6 1/2" DEPTH. #3 REBAR SHALL BE INSTALLED ON 12" CENTERS 10" LONG BARS WILL START AT THE TOP OF THE BEAM AND BE SPLICED INTO THE FLOOR.
- 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

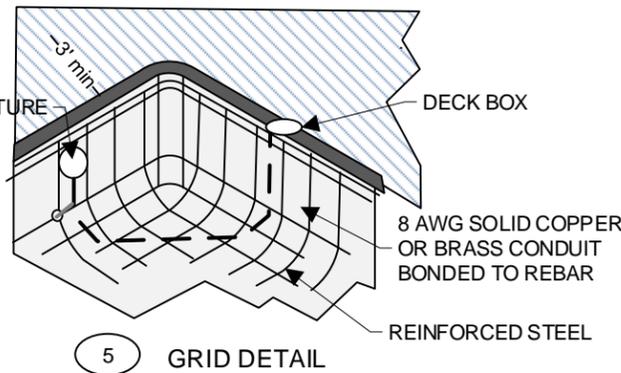
**SWIMMING POOL NOTE:**  
 POOL IN AN ENCLOSED CARTRIDGE FILTER SYSTEM. AUTOFILL CONNECTED TO EXISTING IRRIGATION AND WILL CONTAIN DUAL/DBL CHECK VALVE.

POOL EQUIPMENT LOCATION (nts)

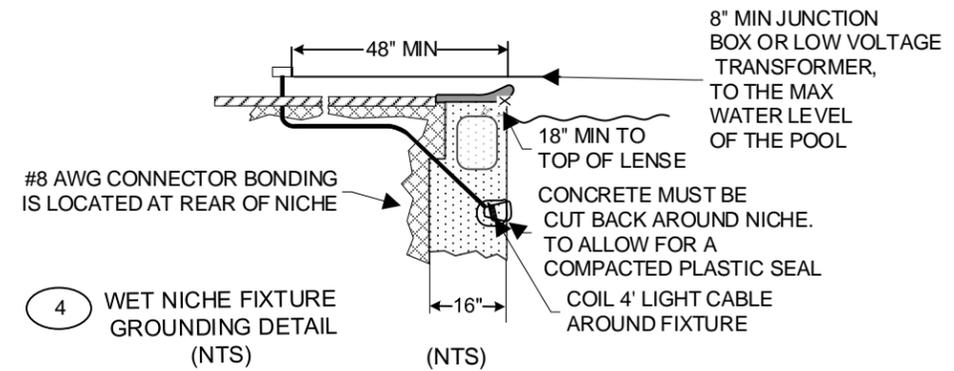
2" PVC PIPE TO SKIMMERS AND RETURNS

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

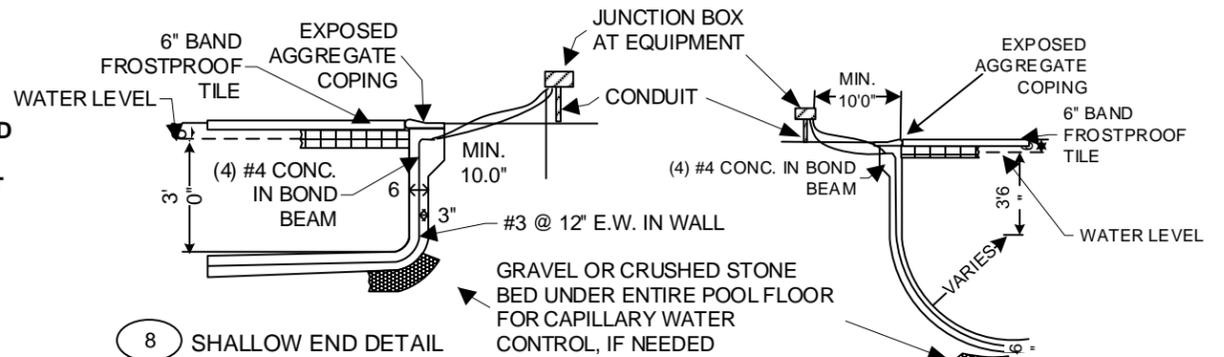
- BONDING OF PERIMETER SURFACES MUST BE IN ACCORDANCE AND BE ATTACHED TO THE CONCRETE POOL REINFORCING STEEL OR COPPER CONDUCTOR GRID AT A MINIMUM OF FOUR EQUAL POINTS AROUND THE PERIMETER
- ALL METAL PARTS OF POOL STRUCTURE WILL BONDED TOGETHER WITH AN 8 AWG SOLID COPPER CONDUCT
- ALL METAL PARTS OF ELECTRICAL EQUIPMENT ASSOCIATED WITH WATER CIRCULATING SYSTEM MUST BE BONDED
- EQUIPOTENTIAL BONDING MUST EXTEND A MINIMUM OF 3' HORIZONTALLY BEYOND THE INSIDE WALLS OF A POOL/SPA



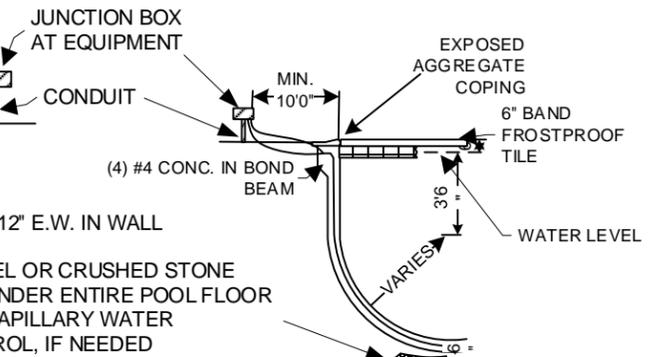
5 GRID DETAIL



4 WET NICHE FIXTURE GROUNDING DETAIL (NTS)



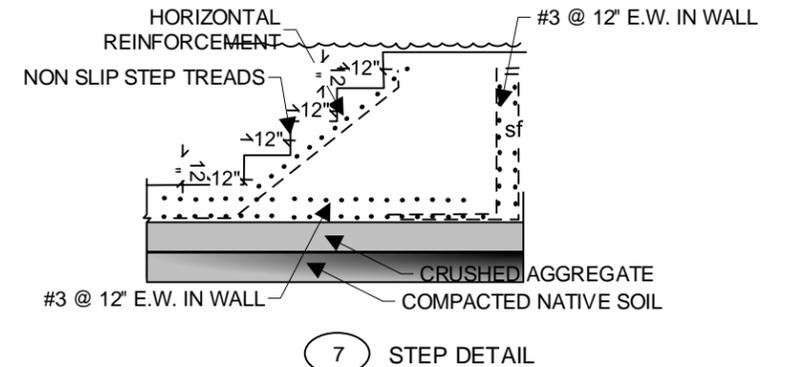
8 SHALLOW END DETAIL



9 DEEP END DETAIL

**EQUIPOTENTIAL BONDING AND BONDING GRID:**  
 "BONDING SHALL BE DONE IN ACCORDANCE WITH SECTION 680.26 OF THE NATIONAL ELECTRICAL CODE (NEC)"

**403.9.3 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.**



7 STEP DETAIL

\*\*\*\*RELEASED FOR CONSTRUCTION

**ISpsc 2018 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:**

**SECTION 305.2.1 BARRIER HEIGHT**

1. THE TOP OF THE BARRIER SHALL BE NOT LESS THAN 48" (1219 mm) ABOVE GRADE MEASURED ON THE SIDE OF THE BARRIER THAT FACES AWAY FROM THE AQUATIC VESSEL. SUCH HEIGHT SHALL EXIST AROUND THE ENTIRE PERIMETER OF THE VESSEL AND FOR A DISTANCE OF 3' (914MM) WHERE MEASURED HORIZONTALLY FROM THE REQUIRED BARRIER.

2. THE VERTICAL CLEARANCE BETWEEN GRADE AND THE BOTTOM OF THE BARRIER SHALL NOT EXCEED 2 INCHES (51 mm) FOR GRADE SURFACES THAT ARE NOT SOLID SUCH AS GRASS OR GRAVEL WHERE MEASURED ON THE SIDE OF THE BARRIER WHICH FACES AWAY FROM THE VESSEL.

3. THE VERTICAL CLEARANCE BETWEEN A SURFACE BELOW THE BARRIER TO A SOLID SURFACE, SUCH AS CONCRETE, AND THE BOTTOM OF THE REQUIRED BARRIER SHALL NOT EXCEED 4" (102MM). WHERE MEASURED ON THE SIDE OF THE BARRIER THAT FACES AWAY FROM THE VESSEL.

4. WHERE THE TOP OF THE VESSEL STRUCTURE IS ABOVE GRADE, THE BARRIER SHALL BE INSTALLED ON GRADE OR SHALL BE MOUNTED ON TOP OF THE VESSEL STRUCTURE. WHERE THE BARRIER IS MOUNTED ON TOP OF THE VESSEL THE VERTICAL CLEARANCE BETWEEN THE TOP OF THE VESSEL AND THE BOTTOM OF THE BARRIER SHALL NOT EXCEED 4" (102MM).

**SECTION 305.2.2 OPENINGS**

1. OPENINGS IN THE BARRIER SHALL NOT ALLOW PASSAGE OF A 4" (102MM) DIAMETER SPHERE

**SECTION 305.3 GATES**

ACCESS GATES SHALL COMPLY WITH THE REQUIREMENTS OF SECTIONS 305.3.1 through 305.3.3 , AND SHALL BE EQUIPPED TO ACCOMMODATE A LOCKING DEVICE. PEDESTRIAN ACCESS GATES SHALL OPEN OUTWARD AWAY FROM THE VESSEL AND SHALL BE SELF-CLOSING AND HAVE A SELF-LATCHING DEVICE.

WHERE THE RELEASE MECHANISM AND OPENINGS SHALL COMPLY WITH THE FOLLOWING:

**305.3.1 UTILITY OR SERVICE GATES**

**3.5.3.3 LATCHES**

WHERE THE RELEASE MECHANISM OF THE SELF LATCHING DEVICE IS LOCATED LESS THAN 54" (1372MM) FROM GRADE THE RELEASE MECHANISM SHALL BE LOCATED ON THE VESSEL SIDE OF THE GATE AT LEAST 3" (76mm) BELOW THE TOP OF THE GATE, AND THE GATE AND BARRIER SHALL HAVE OPENINGS GREATER THAN 1/2" (12.7mm) WITHIN 18" (457mm) OF THE RELEASE MECHANISM.

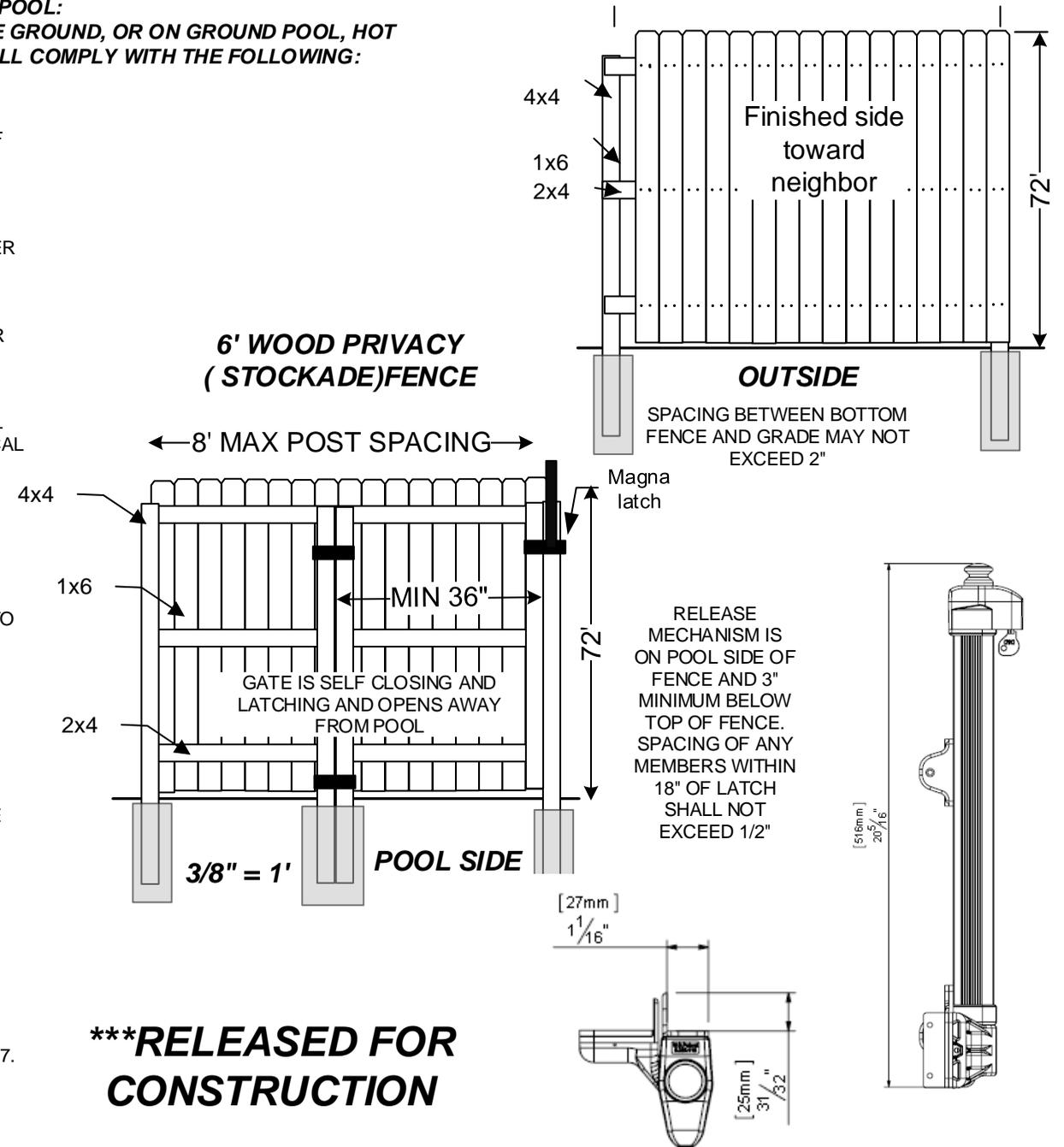
**305.4 STRUCTURE WALL AS A BARRIER**

WHERE A WALL OF A DWELLING OR STRUCTURE SERVES AS A PART OF THE BARRIER DOORS AND OPERABLE WINDOWS WITH A SILL HEIGHT OF LESS THAN 48" (1219MM) THAT PROVIDE DIRECT ACCESS TO THE AQUATIC VESSEL THROUGH THE WALL, SHALL BE EQUIPPED WITH ONE OR MORE OF THE FOLLOWING: ONE OF THE FOLLOWING CONDITIONS MUST BE MET:

1. AN ALARM THAT PRODUCES AN AUDIBLE WARNING WHEN THE DOOR OR WINDOW AND ITS SCREEN, IF PRESENT, ARE 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" (1372MM) 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" (1372MM) OR NOT LESS THAN 48" (1219MM) ABOVE THE THRESHOLD OF THE DOOR

2. A SAFETY COVER THAT IS LISTED AND LABELED IN ACCORDANCE WITH ATSM F 1346.

3. AN APPROVED MEANS OF PROTECTION, SUCH AS SELF CLOSING DOORS WITH SELF LATCHING DEVICES, PROVIDED THAT THE DEGREE OF PROTECTION AFFORDED IS NOT LESS THAN THE PROTECTION AFFORDED BY ITEMS 1 OR 2.



**MAGNALATCH TOP PULL - MLTPS2BGA**