



# HISTORIC DISTRICT COMMISSION APPLICATION FOR WORK APPROVAL

City of Detroit - Planning & Development Department  
2 Woodward Avenue, Suite 808  
Detroit, Michigan 48226

**APPLICATION ID**

HDC2025-00586

**PROPERTY INFORMATION****ADDRESS(ES):** 70 W Boston**HISTORIC DISTRICT:** Boston-Edison**SCOPE OF WORK: (Check ALL that apply)**

- |  |   |  |   |  |   |
|--|---|--|---|--|---|
| <input type="checkbox"/> Windows/<br>Doors | <input type="checkbox"/> Walls/<br>Siding | <input type="checkbox"/> Painting        | <input type="checkbox"/> Roof/Gutters/<br>Chimney | <input type="checkbox"/> Porch/Deck/Balcony  | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Demolition        | <input type="checkbox"/> Signage          | <input type="checkbox"/> New<br>Building | <input type="checkbox"/> Addition                 | <input checked="" type="checkbox"/> Site Improvements<br>(landscape, trees, fences,<br>patios, etc.) |   |

**BRIEF PROJECT DESCRIPTION:**

Inground swimming pool to be installed next to existing tennis court

**APPLICANT IDENTIFICATION****TYPE OF APPLICANT:** Contractor**NAME:** Craig Kallen**COMPANY NAME:** Wet Custom Pool Design**ADDRESS:** 5285 7 Mile Road**CITY:** South Lyon**STATE:** MI**ZIP:** 48178**PHONE:** +1 (248) 378-4079**EMAIL:** Craig@wetcustompools.com**I AGREE TO AND AFFIRM THE FOLLOWING:**

- ☒ I understand that the failure to upload all required documentation may result in extended review times for my project and/or a denied application.
- ☒ I understand that the review of this application by the Historic District Commission does not waive my responsibility to comply with any other applicable ordinances including obtaining appropriate permits (building, sign, etc.) or other department approvals prior to beginning the work.
- ☒ I hereby certify that the information on this application is true and correct. I certify that the proposed work is authorized by the owner of record and I have been authorized to make this application as the property owner(s) authorized agent.

Signed by:

Craig Kallen

Wet Custom Pool Design

09/11/2025

SIGNATURE

DATE

5285 7 Mile Road

South Lyon

MI

48178

+1 (248) 378-4079

Craig@wetcustompools.com

Questions? Contact us at [hdc@detroitmi.gov](mailto:hdc@detroitmi.gov) or (313)224-1762

**NOTE:** Based on the scope of work, additional documentation may be required. See [www.detroitmi.gov/hdc](http://www.detroitmi.gov/hdc) for scope-specific requirements.

## PROJECT DETAILS – TELL US ABOUT YOUR PROJECT

**Instructions:** Add project details using the text box in each section. If your details exceed the space provided, attach the details via the attachment icon for that section.

### ePLANS PERMIT NUMBER:

(only applicable if you've already applied for permits through ePLANS)

BLD2025-01738

## GENERAL

### 1. DESCRIPTION OF EXISTING CONDITION

*Please tell us about the current appearance and conditions of the areas you want to change. You may use a few sentences or attach a separate prepared document on the right. (For example, "existing roof on my garage is covered in gray asphalt shingles in poor condition.")*

Grass Area Next to Tennis court to construct an inground swimming pool with Pool Fence

### 2. PHOTOGRAPHS

*Help us understand your project. Please attach photographs of all areas where work is proposed.*



### 3. DESCRIPTION OF PROJECT

*In this box, tell us about what you want to do at the areas described above in box #1. (For example, "Install new asphalt shingle roofing at garage.")*

Install new inground Gunite swimming pool with grass around pool. Size of pool is 50x 25.

### 4. DETAILED SCOPE OF WORK



*In this box, please describe all steps necessary to complete the work described in box #3. (For example, "remove existing shingles, replace wood deck as necessary, replace wood eaves, install roof vents, replace rotted fascia boards, paint, clean worksite.")*

The area is open grass next to Tennis Court. We will be digging a pool and repairing the grass around the pool once complete.

### 5. BROCHURES/CUT SHEETS

*Please provide information on the products or materials you are proposing to install. For example, a brochure on the brand and color of the shingles proposed.*

ADDITIONAL DETAILS

|   |   |
|---|---|
|   |   |
|   |   |
| <p><b>8. SITE IMPROVEMENTS</b></p> <p><i>If site improvements are proposed, please provide any relevant site improvement plans pertaining to your project.</i></p>            |  |
| <p><b>9. OTHER</b></p> <p><i>Please provide any additional details. HDC Staff may ask you to submit additional information at a later time depending on your project.</i></p> |  |









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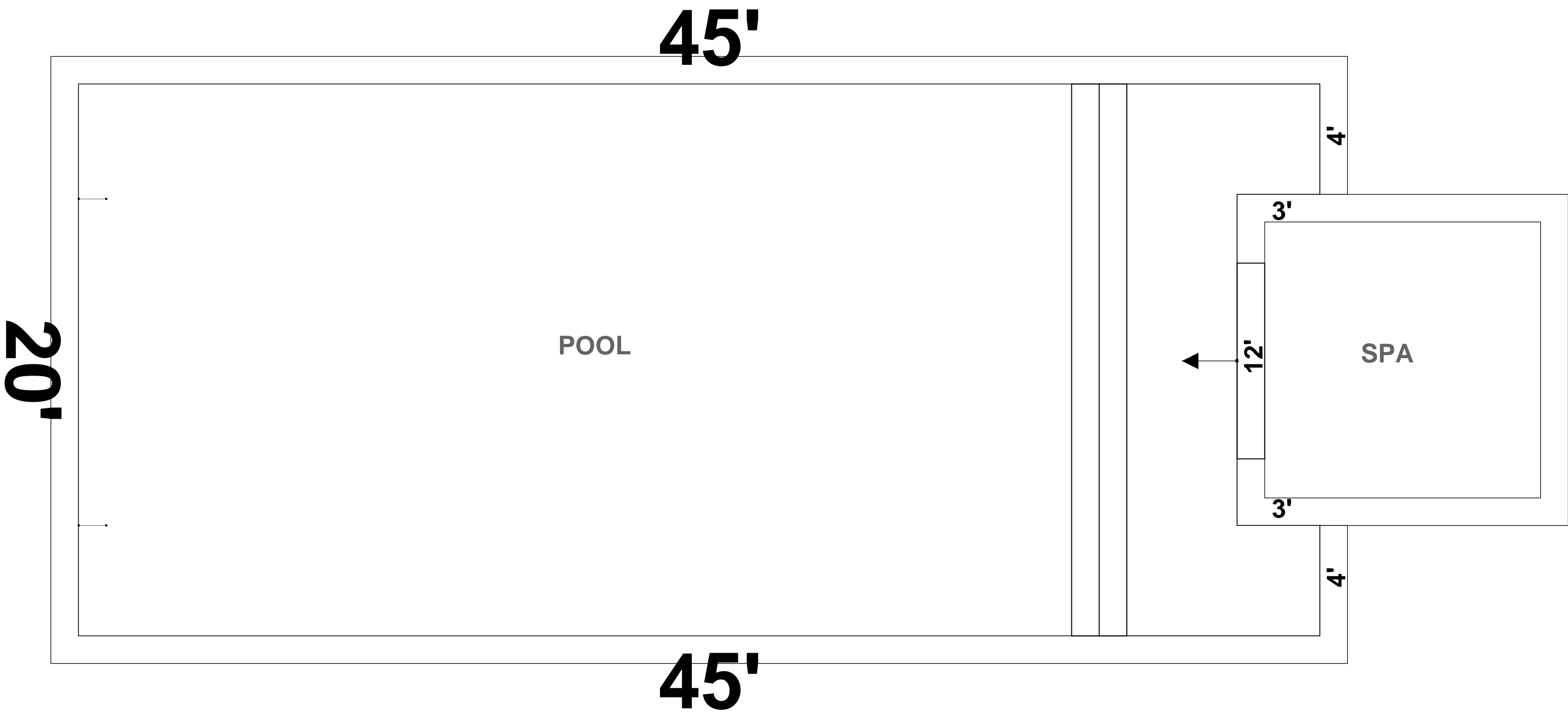
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POOL SPECS

|           |        |
|-----------|--------|
| LENGTH    | 45     |
| WIDTH     | 20     |
| DEPTH     | 6      |
| SQ FT     | 900    |
| PERIMETER | 140    |
| CAPACITY  | 24000  |
| MATERIAL  | Gunite |
| FEATURES  | SPA    |



Entrapment Protection for  
Swimming Pool and Spa Suction Outlets

**General.** Suction outlets shall be designed to produce circulation throughout the pool or spa. Single-outlet systems, such as automatic vacuum cleaner systems, or multiple suction outlets, whether isolated by valves or otherwise, shall be protected against user entrapment.

**Suction fittings.** Pool and spa suction outlets shall have a cover that conforms to ANSI/ASME A 112.19.8M, or an 18 inch x 23 inch (457 mm by 584 mm) drain grate or larger, or an approved channel drain system.

**Exception:** Surface skimmer

**Atmospheric vacuum relief system required.** Pool and spa single- or multiple-outlet circulation systems shall be equipped with atmospheric vacuum relief should grate covers located therein become missing or broken. This vacuum relief system shall include at least one approved or engineered method of the type specified herein, as follows:

- 1. Safety vacuum release system conforming to ASME A112.19.17; or
- 2. An approved gravity drainage system.

**Dual drain separation.** Single or multiple pump circulation systems have a minimum of two suction outlets of the approved type. A minimum horizontal or vertical distance of 3 feet (914 mm) shall separate the outlets. These suction outlets shall be piped so that water is drawn through them simultaneously through a vacuum-relief-protected line to the pump or pumps.

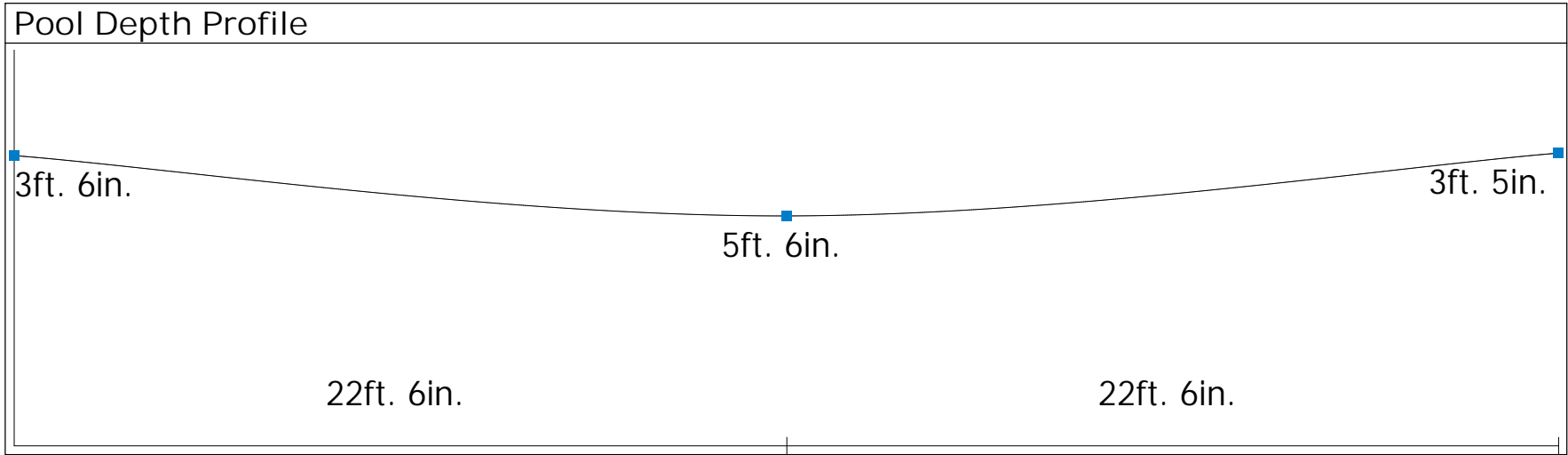
**Pool cleaner fittings.** Where provided, vacuum or pressure cleaner fitting(s) shall be located in an accessible position(s) at least 6 inches (152 mm) and not more than 12 inches (305 mm) below the minimum operational water level or as an attachment to the skimmers(s).

ANSI is the American National Standards Institute.  
ASME is the American Society of Mechanical Engineers.

Precast coping with 6 inch band of frostproof tile and marcite finish. Shell to be 3000 PSI gunite.  
All piping to be rigid PVC schedule 40 approved for possible water.  
All electrical to comply with current requirements. Mark exposed piping with direction of flow.  
Pool decking note:  
All decking concrete to be 4000 PSI concrete. Concrete to be pitched towards drains so no puddling will occur.  
Radius schedule:  
Minimum 1/2 at steps and bench coves and nosing.

Provided but not shown:  
Test kit  
Vacuum cleaner with floating house and pole, leaf skimmer with handle

Electrical panel, breakers, starters, gas and venting of heater make up and combustion air for heater and freshwater supply by others



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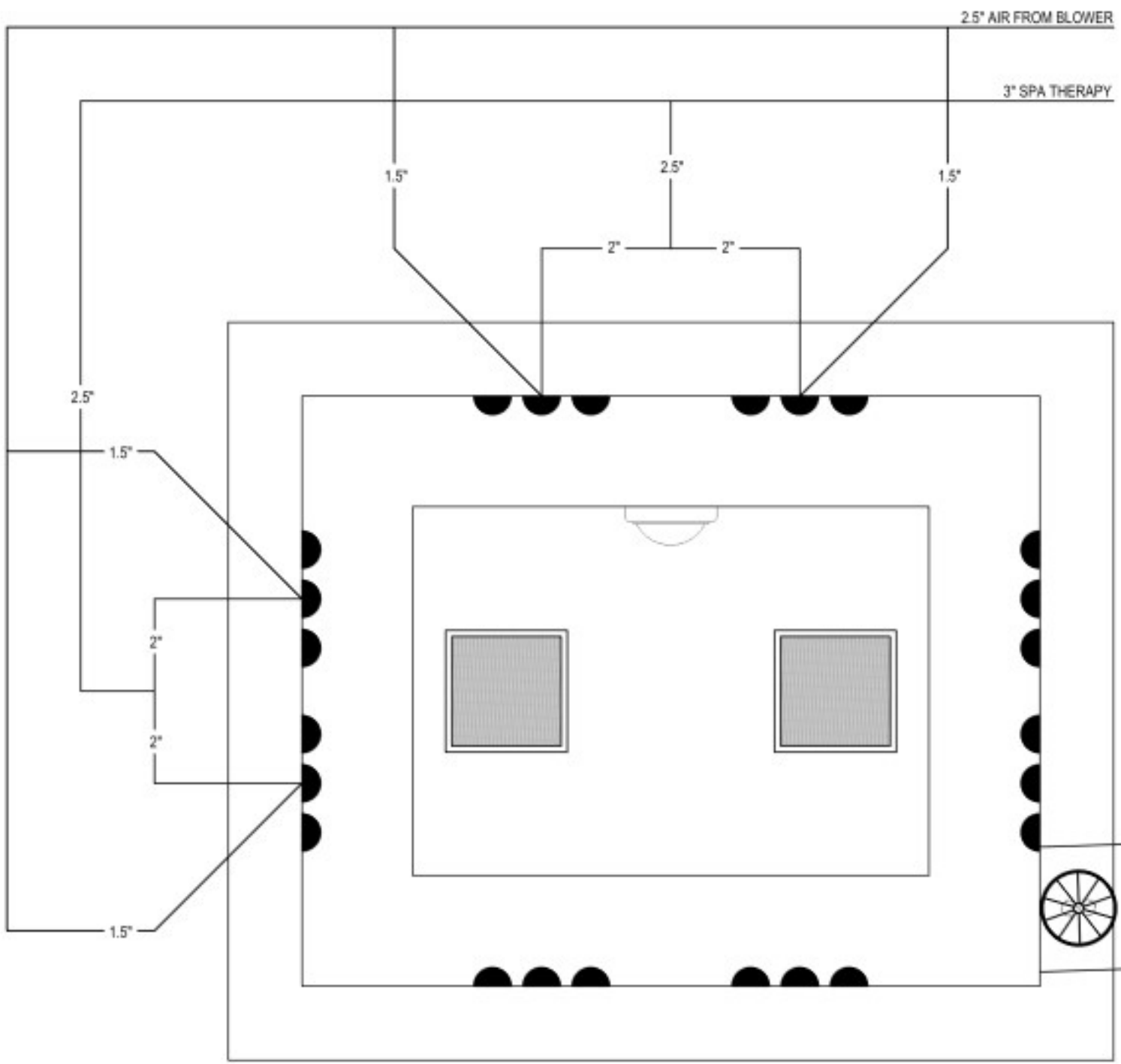
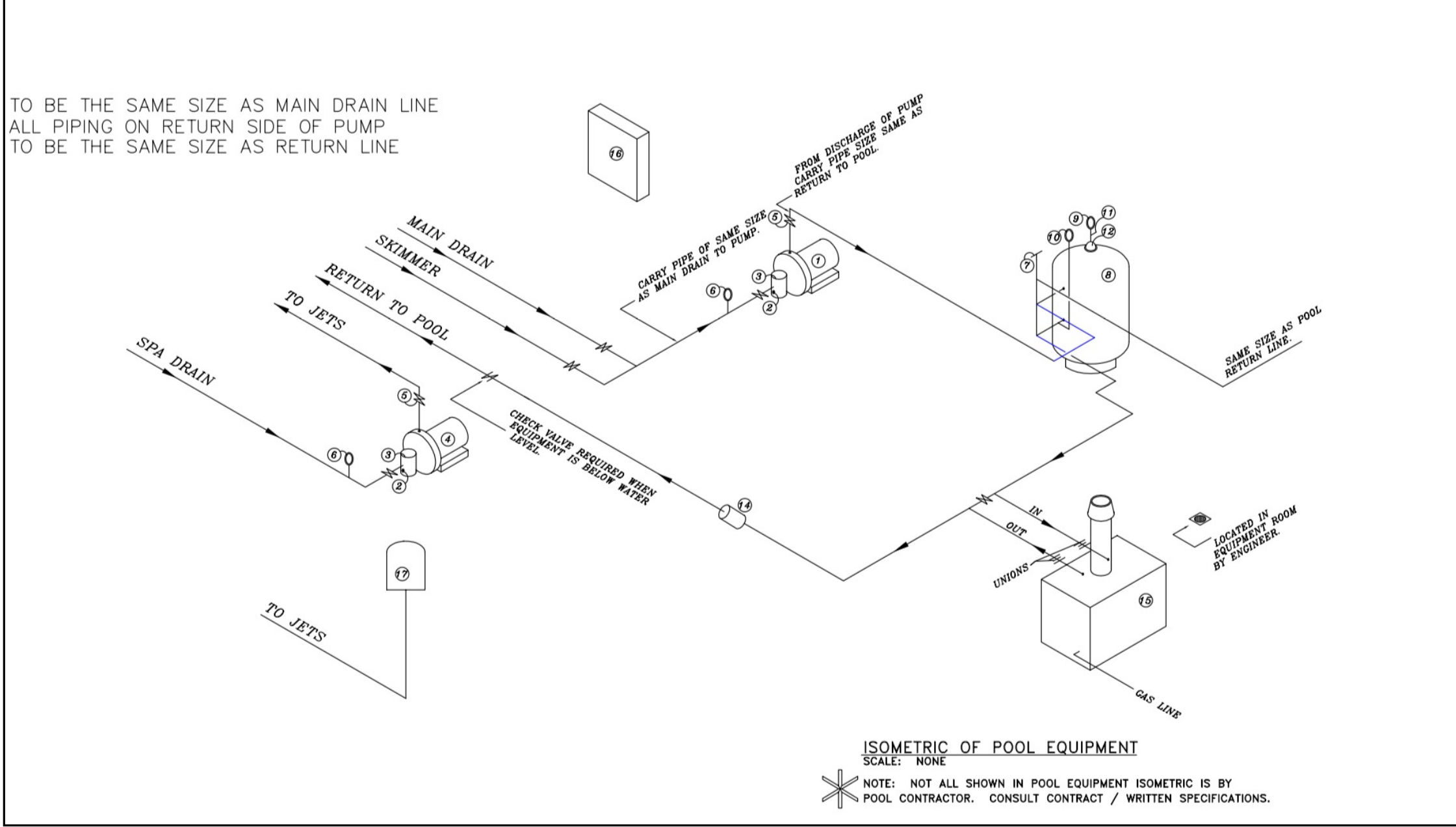
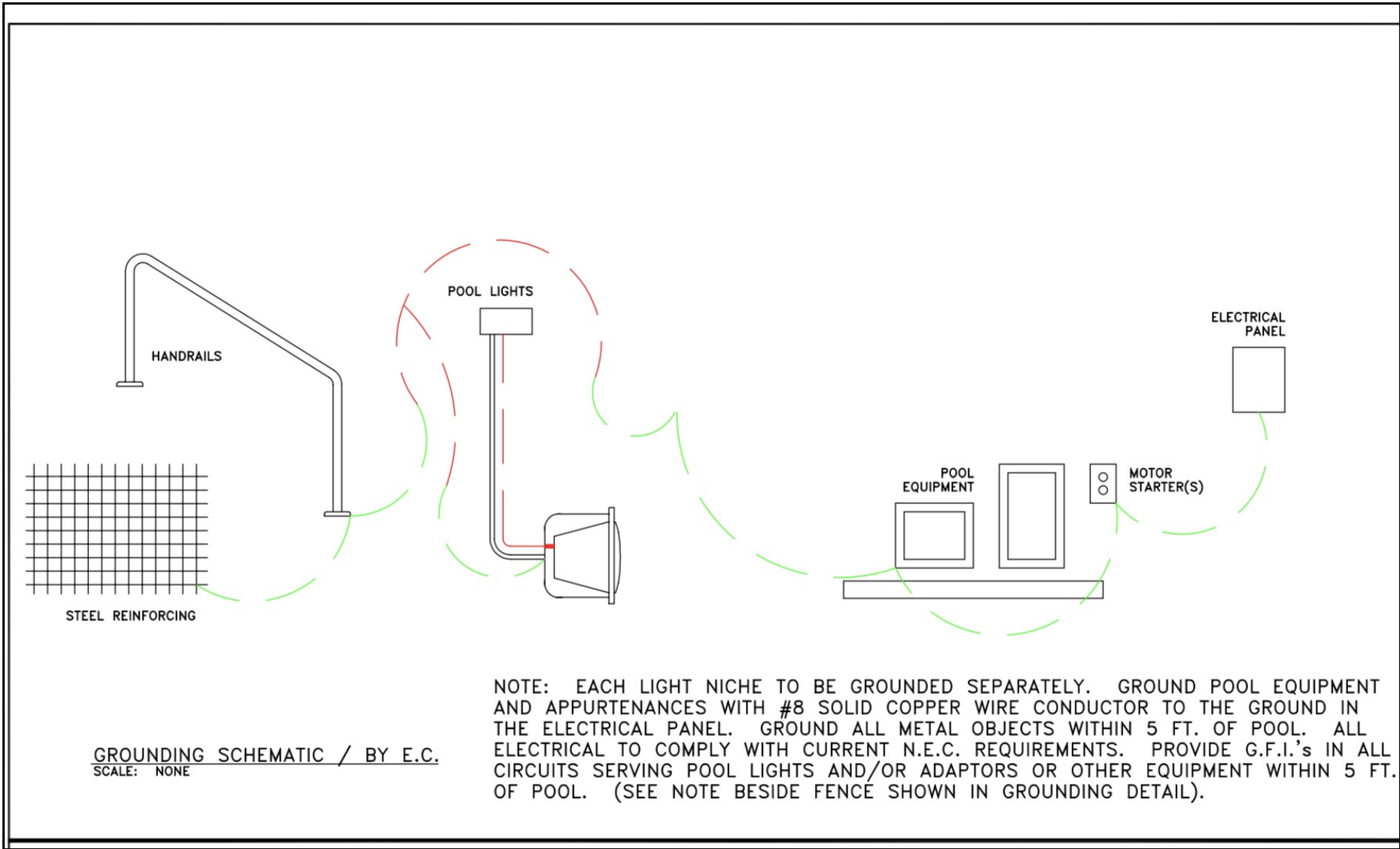




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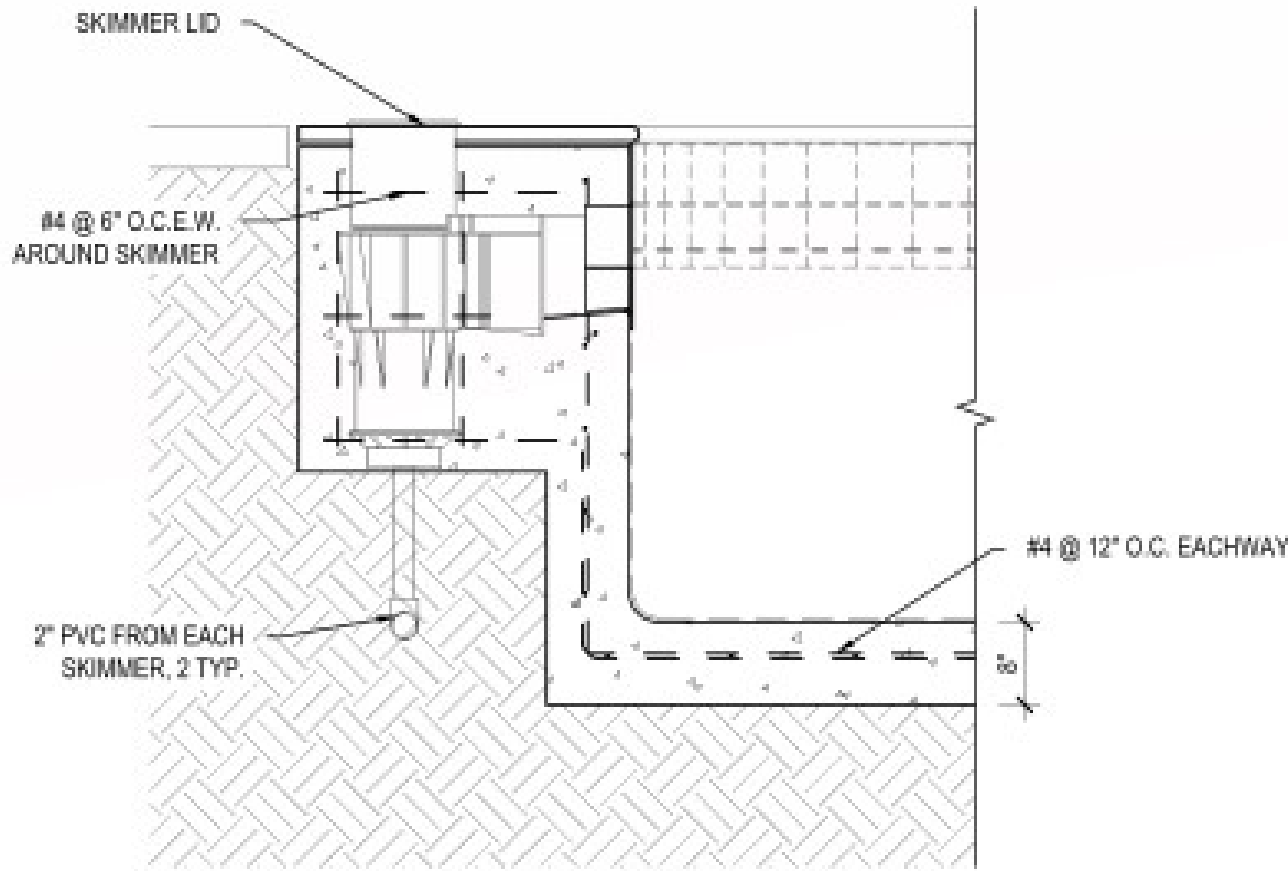
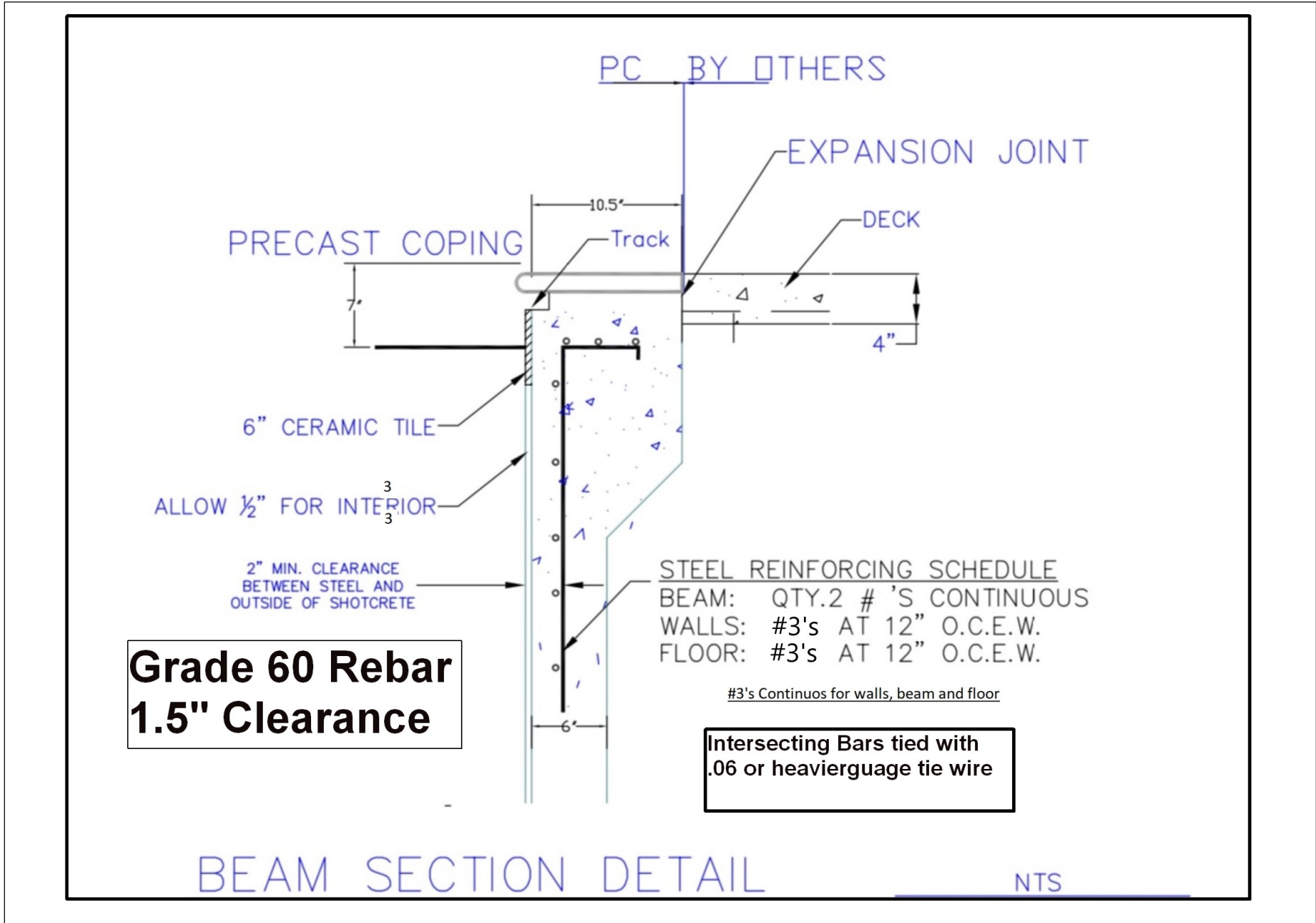
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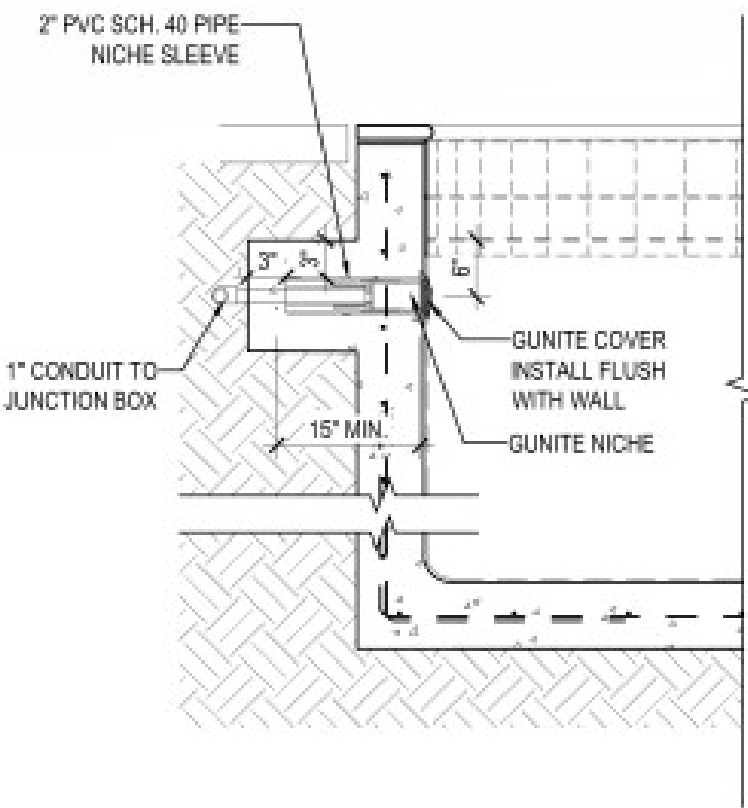
TYP. SPA THERAPY PLUMBING DETAIL

SCALE: 1/2" = 1'-0"



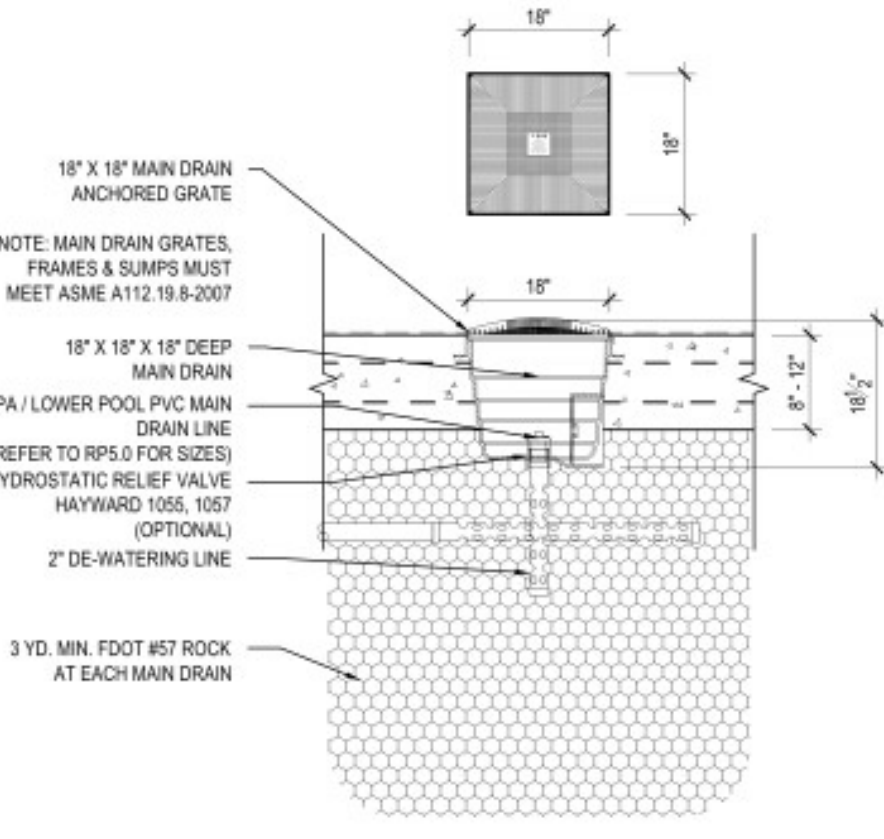
SKIMMER DETAIL

SCALE: 1/2" = 1'-0"



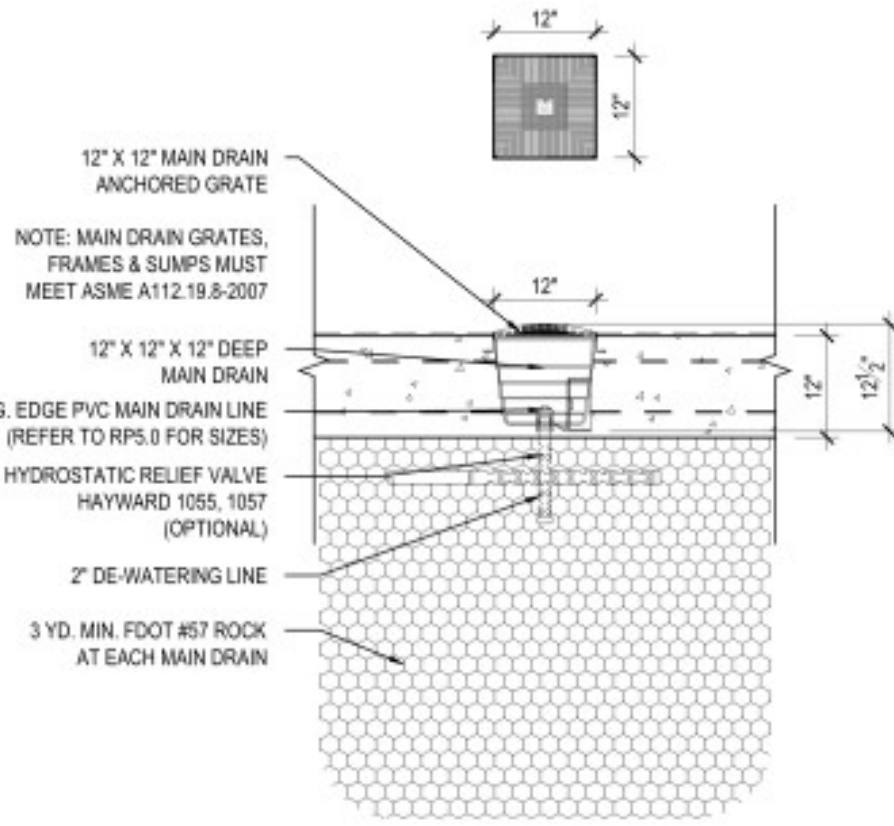
TYP. LED LIGHT DETAIL

SCALE: 1/2" = 1'-0"



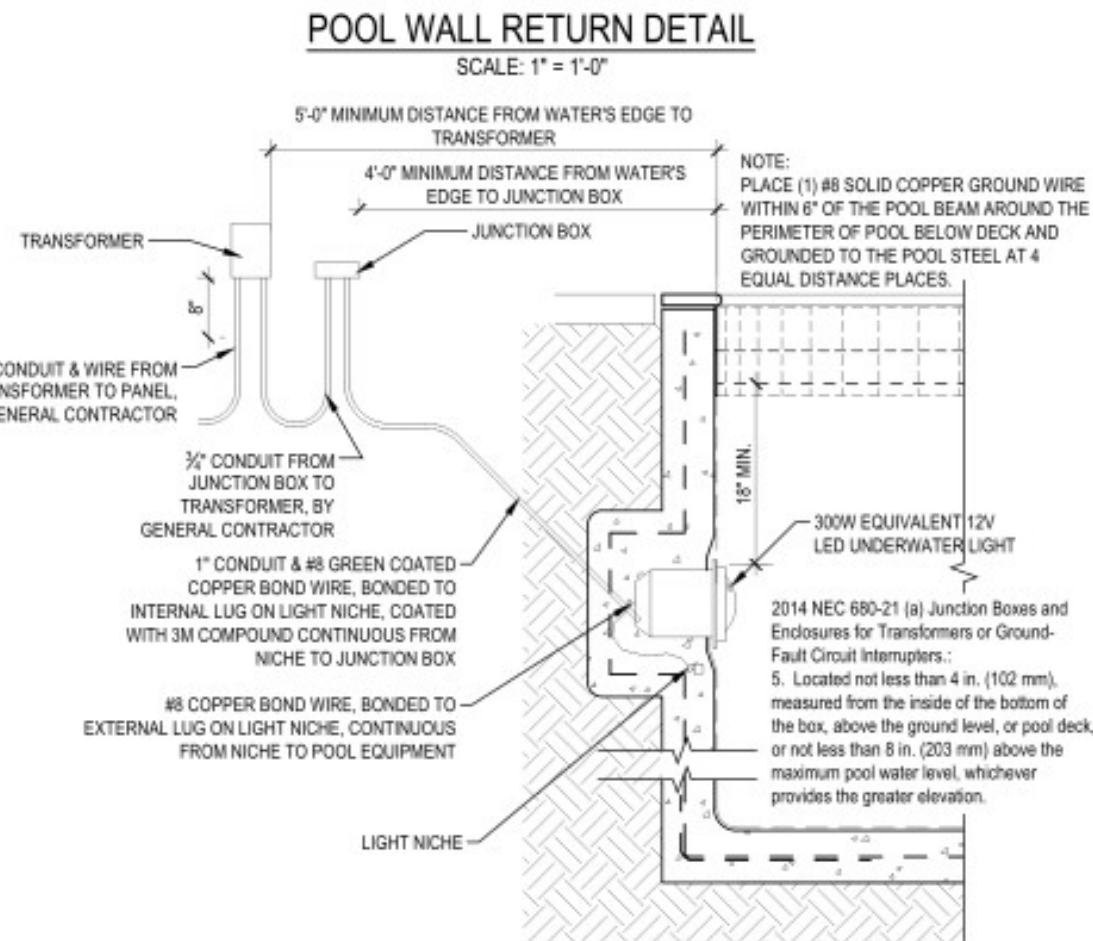
POOL / SPA FLOOR MAIN DRAIN DETAIL

SCALE: 1/2" = 1'-0"



NEG. EDGE FLOOR MAIN DRAIN DETAIL

SCALE: 1/2" = 1'-0"

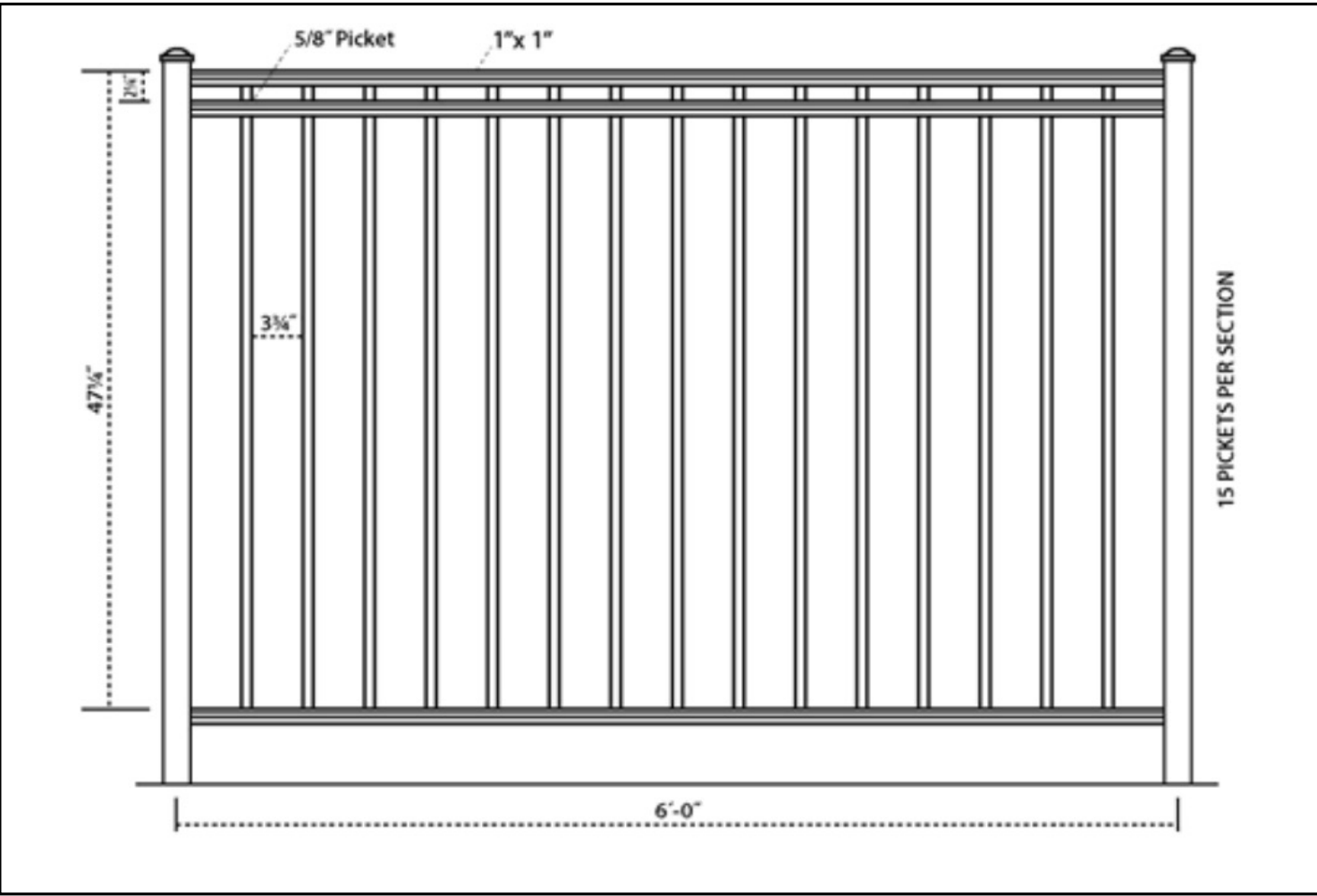


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Pool Fence to code



Techko S187D Safe



248.378.4079

D&D TECHNOLOGIESMAGNALatchTOP PULL

| Code     | Applications                       | Color        |
|----------|------------------------------------|--------------|
| MLPS28GA | Swimming Pool & Child Safety Latch | Black, White |

MAGNALatch® TOP PULL  
MAGNETIC SAFETY GATE LATCH  
FOR POOLS AND CHILD SAFETY AREAS

- Magnetically triggered latching
- Key lockable safety (Top Pull & Vertical Pull)
- Adjusts horizontally and vertically
- Patented 'Lost Motion' Technology
- Quick and easy to install

Independently tested to meet Pool Barrier & Safety Codes

**WORLD'S #1 CHILD SAFETY GATE LATCH**

| Features  | Benefits  |
|---|---|
| <ul style="list-style-type: none"><li>• Patented magnetic self-latching</li><li>• Meets international barrier/safety codes</li><li>• Quality molded polymers &amp; stainless steel</li><li>• Key lockable (Top Pull &amp; Vertical Pull)</li><li>• Screws hidden while locked</li><li>• Engineered for ease of installation</li><li>• Latches even in the "locked" position</li><li>• Won't disengage from shaking &amp; pulling</li><li>• Magnet is sealed from the elements</li></ul> | <ul style="list-style-type: none"><li>No mechanical jamming during closure</li><li>Unprecedented reliability &amp; safety</li><li>No rusting, binding or staining</li><li>Added safety and peace-of-mind</li><li>Resists tampering</li><li>Reduced installation time (costs)</li><li>Exceptional safety &amp; reliability</li><li>Can't be forced open</li><li>Magnet won't rust or corrode</li></ul> |

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D&D Technologies - World's Leading Polymer Gate Hardware Manufacturer

www.ddtechglobal.com

D&D TECHNOLOGIESMAGNALatchTOP PULL

Vertical and horizontal adjustment makes installation easy and helps to overcome future gate misalignment due to gate sag or ground settling

Latch release knob sits out of reach of toddlers

Key lockable for added peace-of-mind

MAGNETICALLY TRIGGERED

Side fixing legs for accurate alignment and added fixing strength. Reduces installation time.

Permanent magnets never lose strength and are sealed from elements to prevent corrosion

NOTE: MagnaLatch Top Pull and Vertical Pull are keyed-alike

Most swimming pool barrier codes require gates to be self-closing and self-latching. The MagnaLatch® range has been designed and independently tested to meet strict international safety codes.

Protect kids! Get height requirements from your local building department to make sure the barrier complies

ROUND POST ADAPTOR KIT

The "Round Post Adaptor Kit" is an optional kit for mounting MagnaLatch® "Top Pull" or "Vertical Pull" latches to gates and fences with round posts.

The kit includes adaptor brackets and shims to fit most common chain link and railing post diameters.

For gaps up to 2" (50mm)

Post diameters: 1 1/4"-2" (48-50mm), 2 1/4" (60mm), 2 1/2" (73mm)  
Gate diameters: 1 1/2" (35mm), 1 3/4" (41mm)

USA: (800) 716-0888   EUROPE: +31 (0)30 291 98 47   AUSTRALIA: 1800 500 203   www.ddtechglobal.com

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D&D TECHNOLOGIESMAGNALatchTOP PULL

Super Strong Engineering Polymer

LIFETIME WARRANTY

MAGNALatch® TOP PULL  
MAGNETIC SAFETY GATE LATCH  
FOR POOLS AND CHILD SAFETY AREAS

INSTALLATION REQUIREMENTS  
(Top Pull & Vertical Pull models)

For swimming pool and other child safety gates, most Barrier Codes and Standards specify the following requirements:

- The pool gate must open outward, away from the pool, so the latch must be installed on the outside of the gate
- The latch release knob is to be mounted at least 54" or 60" (1370 or 1500mm) above finished ground - or at a height specified by your local community Codes
- The fence height should be a minimum 48" (1200mm) above finished ground - or at a height specified by your local barrier/fencing codes

SAFETY NOTE

After installation, inform gate owners that it is their responsibility to inspect and adjust any gate latches and hinges to compensate for ground movement and other factors, so that the gate continues to self-close and self-latch effectively.

ADDITIONAL SAFETY

To make a safety gate complete, add TruClose adjustable, self-closing gate hinges with a Hinge Safety Cap. The cap prevents toddlers from using the hinge top as a foothold.

TOCACAP Regular Heavy Duty

Vertical Adjustment

Horizontal Adjustment

Upper and lower dovetail mounting brackets with side-fixing legs for added strength.

TOP PULL model

Striker adjusts from the side to provide greater convenience.

2" (50mm) GATE GAP SPACER

Applies to North America only...

The MagnaLatch® comes standard with a gate gap variance of 1/4" to 1/2". For larger gaps of 1/2"-2", an optional spacer is available. Install the spacer behind the Striker Mounting Plate to ensure proper latch installation and operation.

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