

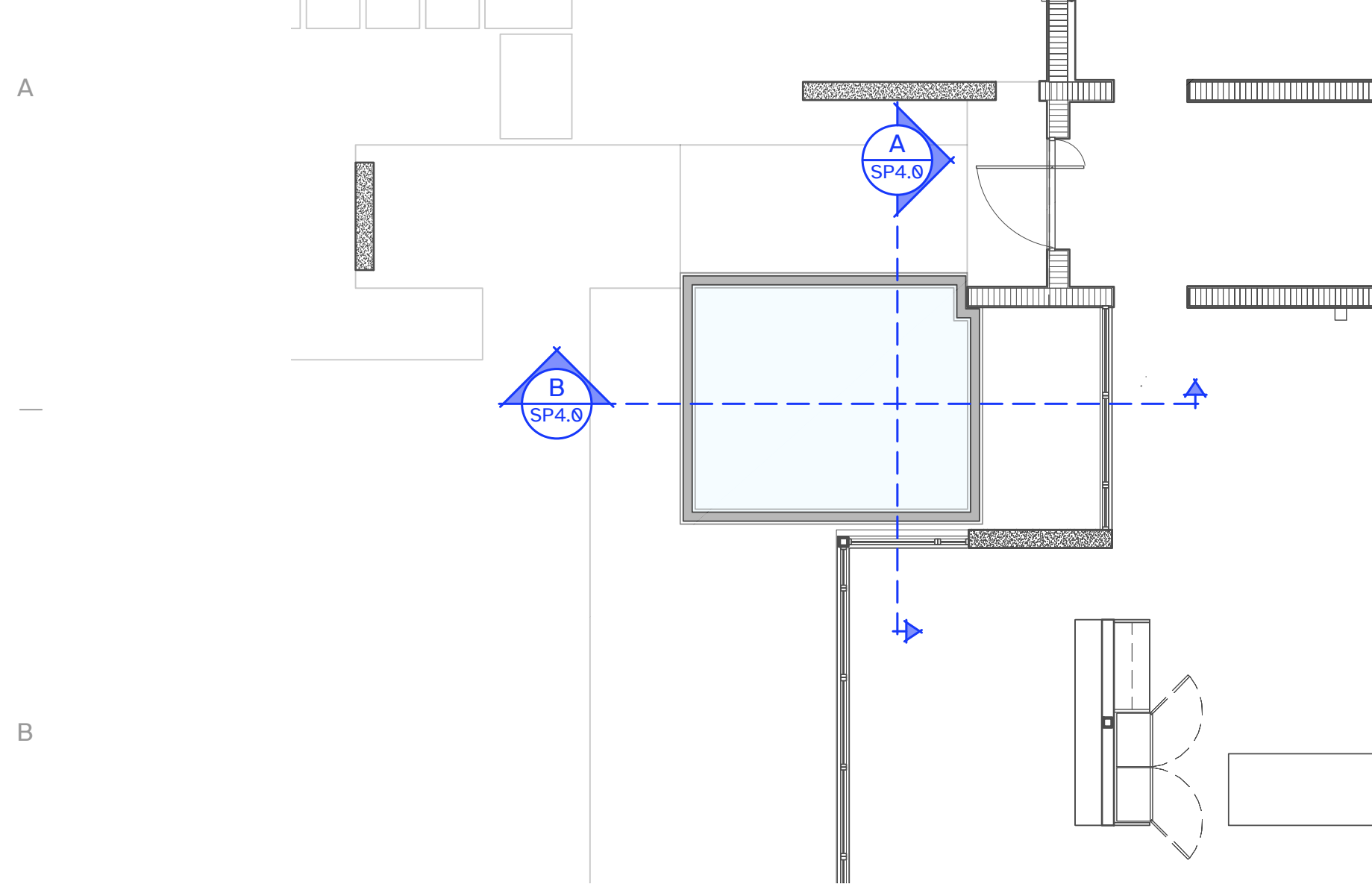
1/4" = 1'-0"

CUT ON DASH LINE FOR SCALE RULER

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SCAN QR CODE  
FOR ALL RFIS



STRUCTURE DESIGN  
WAS ADDED TO THE  
SCOPE OF THIS PERMIT.

**STRUCTURAL NOTES**

- ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE FLORIDA BUILDING CODE (FBC), 2023 EDITION, INCLUDING REFERENCED STANDARDS IN CHAPTER 35, ASCE 7-22 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ACI 318-19 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
- ALL SHOTCRETE (PNEUMATICALLY APPLIED CONCRETE) SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 3,000 PSI.
- ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. A615, GRADE 60, WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.
- REINFORCING BAR LAP SPLICES SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE DRAWINGS:
  - #3 BARS @ 18 IN.
  - #4 BARS @ 24 IN.
  - #5 BARS @ 30 IN.
- MINIMUM REINFORCEMENT COVER:
  - AGAINST EARTH = 3 IN.
  - ALL OTHER SURFACES = 2 IN. (UNLESS NOTED OTHERWISE)

**SOIL STATEMENT**

BASED ON VISUAL INSPECTION, SITE SOIL CONDITIONS (LIMEROCK AND SAND) ARE PRESUMED TO PROVIDE ADEQUATE BEARING FOR 2,000 PSF. AFTER EXCAVATION, THE SOIL BENEATH THE POOL SLAB SHALL BE COMPACTED USING A PLATE COMPACTOR.

SHOULD THESE CONDITIONS NOT MEET THE DESCRIPTION HEREIN OR THE CONDITIONS DO NOT APPEAR ADEQUATE, CONTACT THE ENGINEER OF RECORD.

PER FBC R4501.214, IN AREAS WITH ANTICIPATED HIGH WATER TABLE, AN APPROVED HYDROSTATIC RELIEF DEVICE SHALL BE INSTALLED.

**WARNING:** BEFORE EMPTYING THE POOL AFTER CONSTRUCTION, ALL HYDROSTATIC PRESSURES BENEATH THE STRUCTURE MUST BE RELIEVED TO PREVENT FLOATATION. THE OWNER SHALL CONSULT A LICENSED POOL CONTRACTOR EXPERIENCED IN HYDROSTATIC PRESSURE RELIEF.

**DIMENSIONS & ELEVATIONS**

DIMENSIONS AND ELEVATIONS SHOWN ARE TO STRUCTURE UNLESS OTHERWISE SPECIFIED BY (W) SYMBOL, NGVD, F.F., OR OTHER

HYDROSTATIC VALVE IS OPTIONAL.

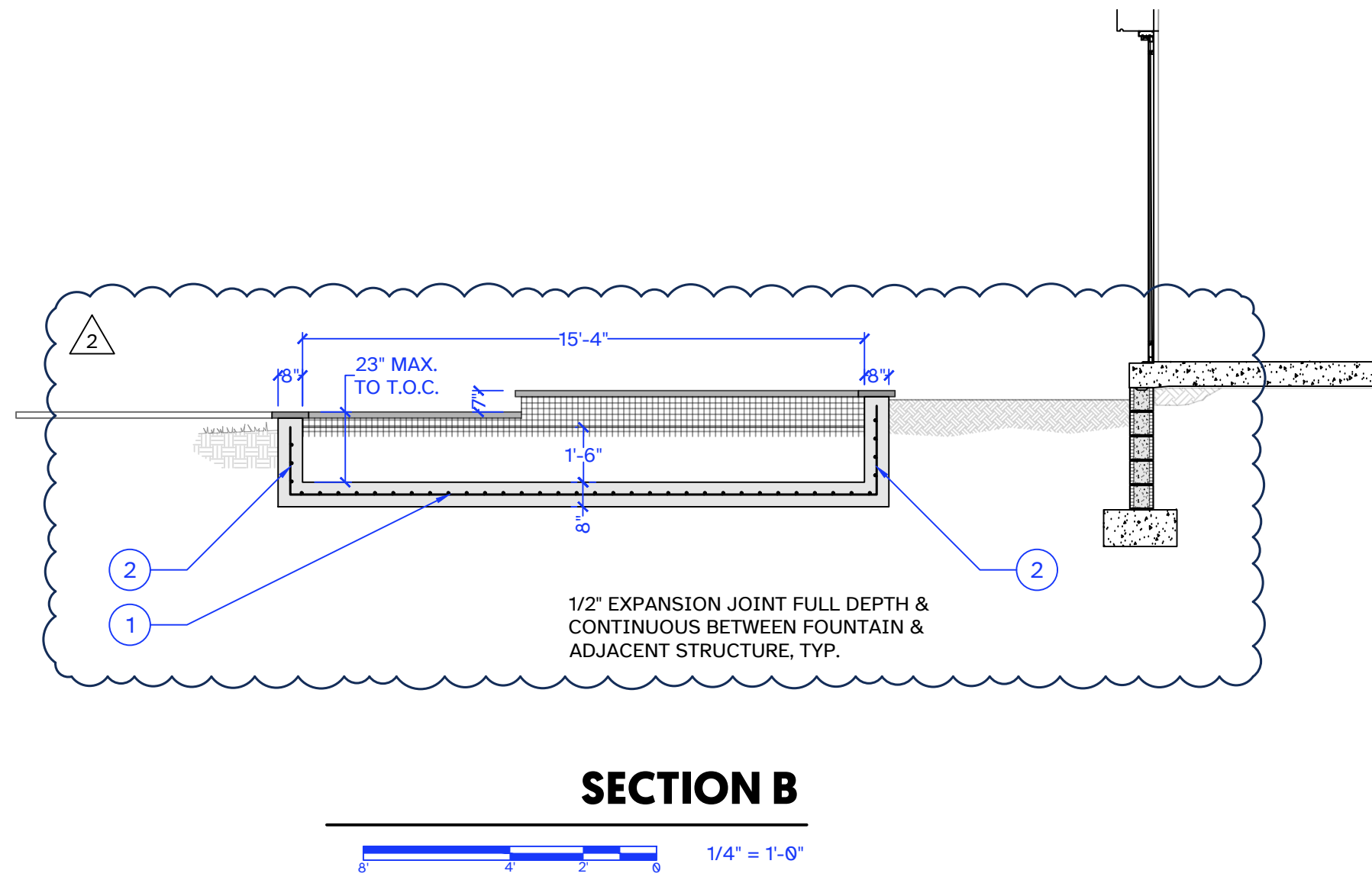
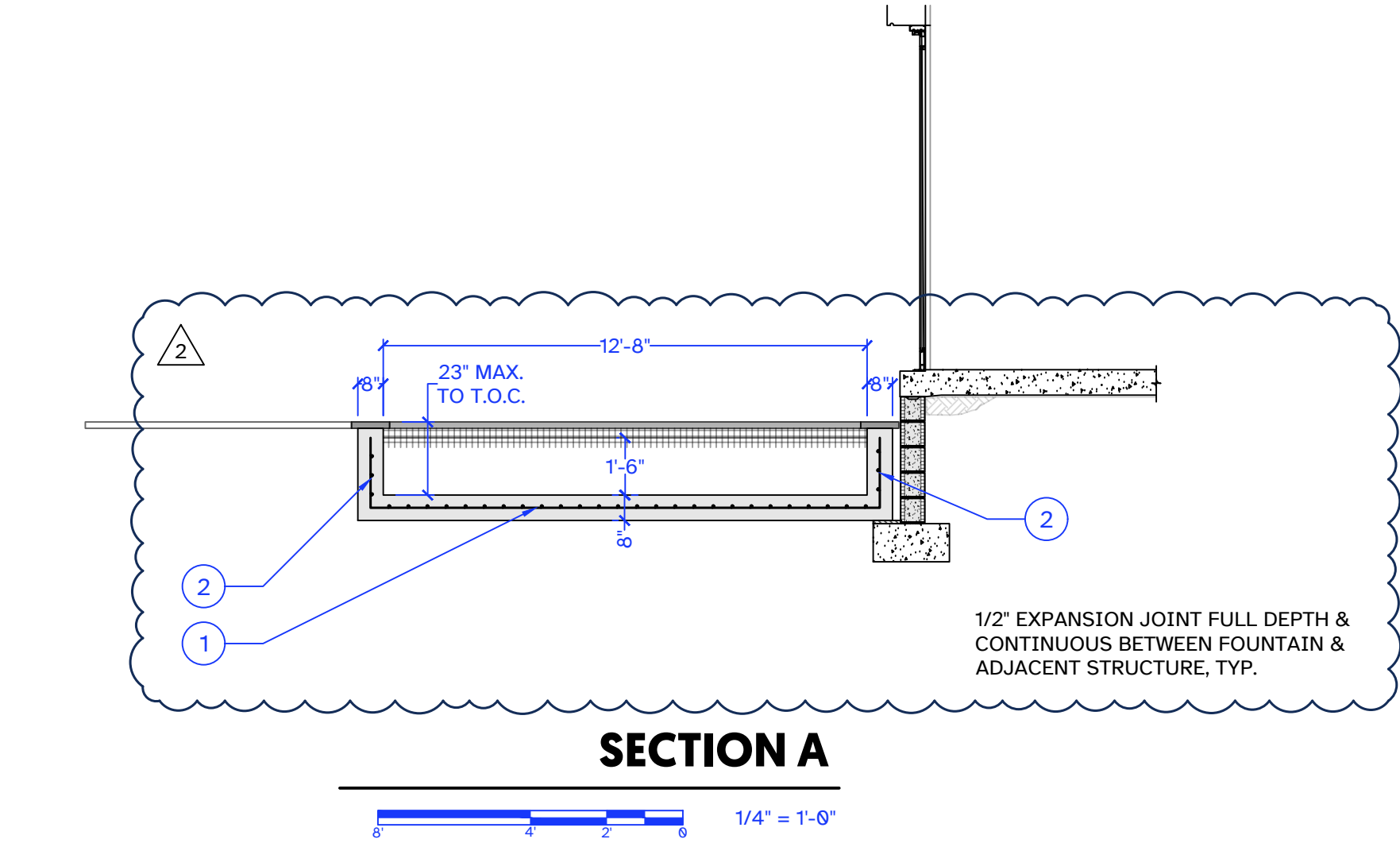
MINIMUM 8" WALLS REQUIRED.  
MINIMUM 8" SLAB REQUIRED.

**MONOLITHIC CONSTRUCTION**

- THE STRUCTURE IS DESIGNED FOR MONOLITHIC CONSTRUCTION WITHOUT COLD JOINTS. ENGINEER REVIEW AND ADDITIONAL DETAILS ARE REQUIRED IF COLD JOINTS ARE INTRODUCED.
- REINFORCING BAR SPLICES SHALL BE NOT LESS THAN 48 BAR DIAMETERS AND SHALL CONFORM TO ACI 318-19, SECTION 25.5. NON-CONTACT OR MECHANICAL SPLICES SHALL REQUIRE APPROVAL BY THE BUILDING OFFICIAL WHERE APPLICABLE.
- REINFORCEMENT SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION, IN ACCORDANCE WITH ACI 318-19, SECTION 25.3. CONTINUITY SHALL BE PROVIDED BY BENDING LONGITUDINAL BARS 48 BAR DIAMETERS OR BY ADDING MATCHING REINFORCEMENT WITH EXTENSION OF AT LEAST 48 BAR DIAMETERS BEYOND THE BEND OR CORNER. WHERE THREE OR MORE BARS ARE REQUIRED, TRANSVERSE BARS SHALL BE USED TO MAINTAIN ALIGNMENT AT A SPACING NOT TO EXCEED 48 IN.

**REBAR SCHEDULE**

|   |                       |          |               |
|---|-----------------------|----------|---------------|
| 1 | SLAB (1-LAYER) -----  | #4 @ 12" | C/C, EACH WAY |
| 2 | WALLS (1-LAYER) ----- | #4 @ 12" | C/C, EACH WAY |



NEW SHEET