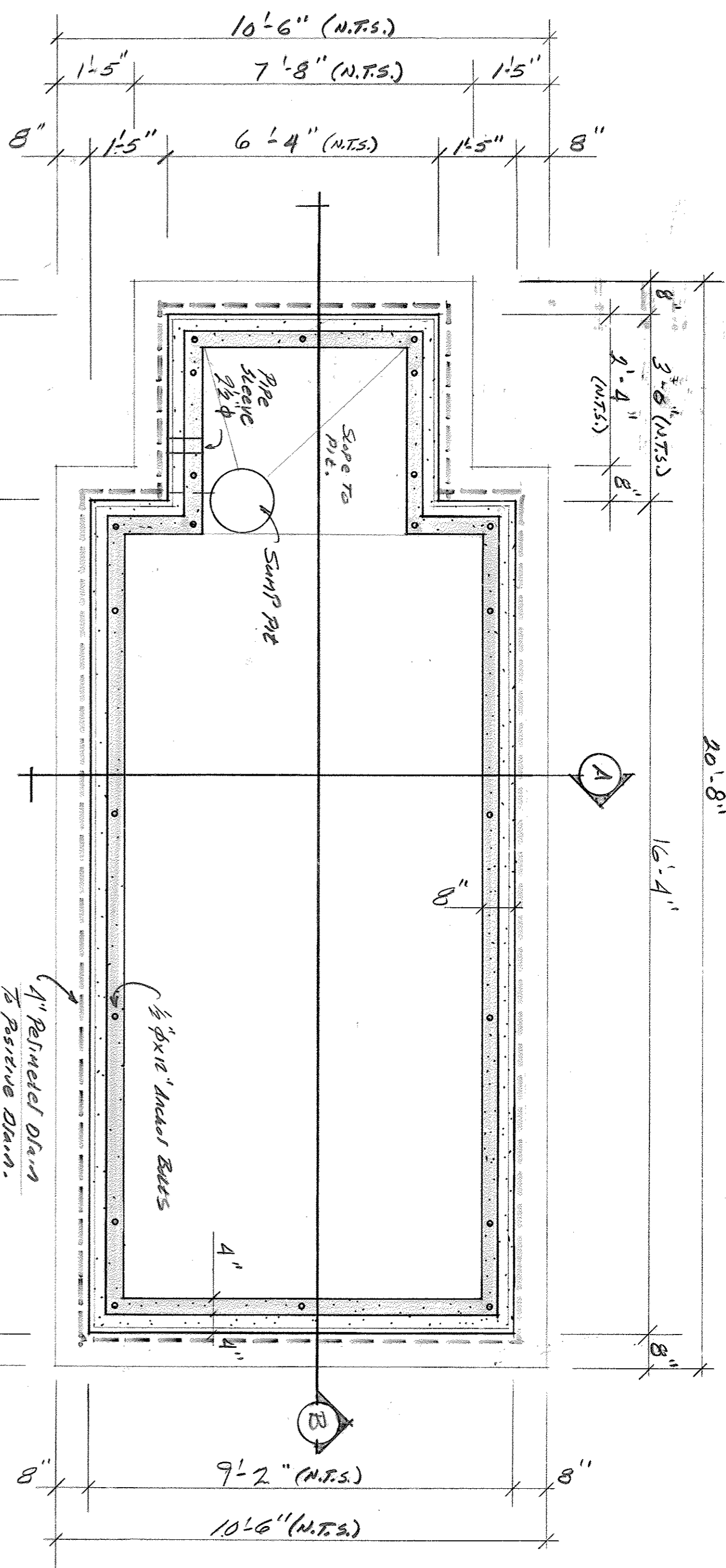
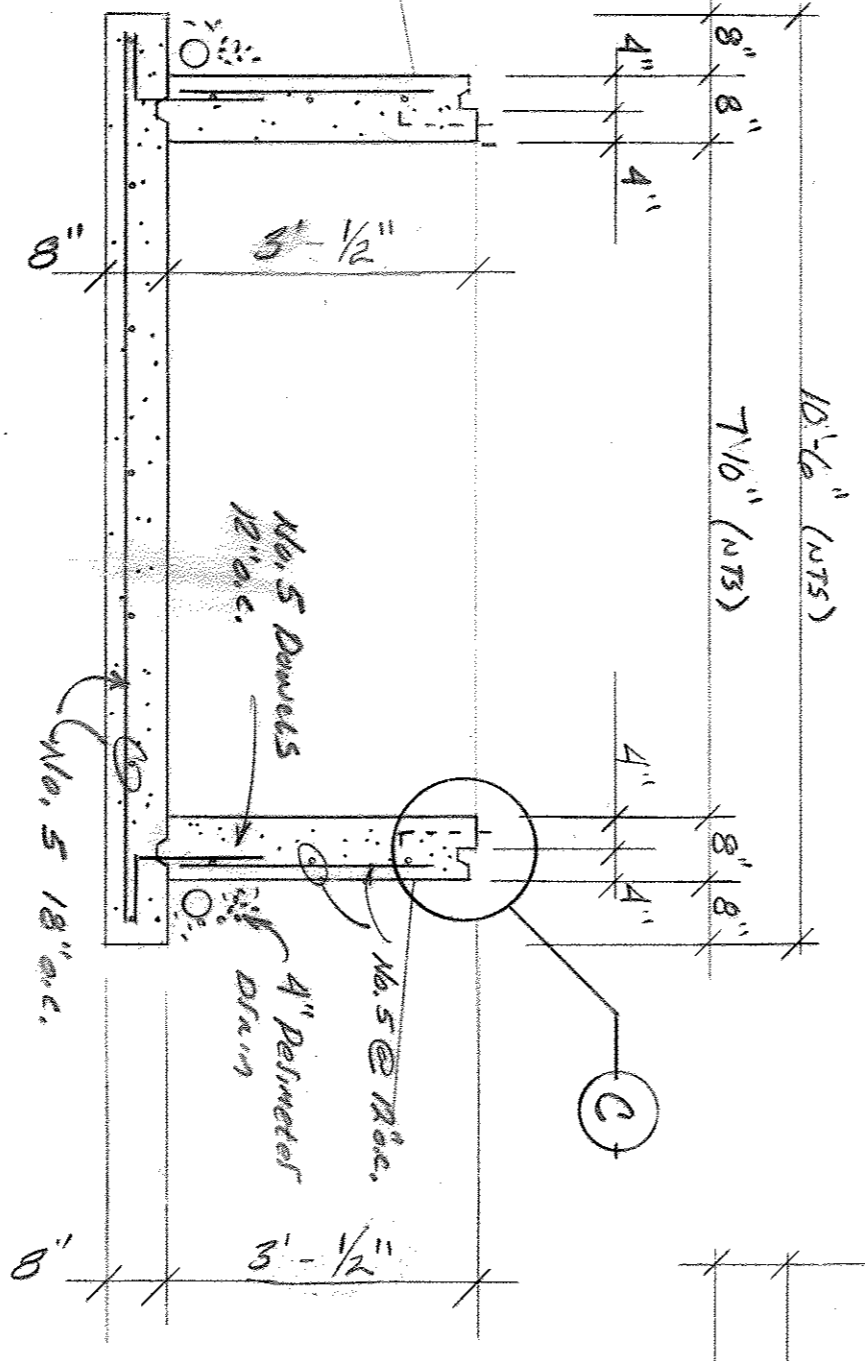


CONCRETE NOTES:
(Typical unless noted otherwise)

- All concrete shall test $f'_c = 3000$ psi in standard test cylinder.
- All concrete for footings, piers and columns shall be normal weight 150 pcf.
- All footing elevations are to top of footing (T/F) and are referenced to finish floor elevation +0'-0". All footings to bear on undisturbed soil or engineered fill. If soil at bottom of footings as detailed is of questionable bearing value, the Architect and Soils Engineer shall be notified at once.
- All detailing, fabrication, and placing of reinforcing bars shall be in accordance with the latest ACI code and detailing manual of practice.
- Footings have been designed for net allowable soil pressure of 2000 psf for columns and walls.
- All reinforcing bars to have deformations per ASTM A 615 and minimum yield of 60,000 psi.
- Minimum concrete covers for reinforcement:
Footings 3 inches
Walls 2 inches
Piers 1 1/2 inches to ties
Slab on grade Top 1/3 of slab
- Lap all splices and corners 30 bar diameters (12" minimum)
- All engineered fill beneath floor slabs and over footings should be compacted to a density of 95 percent maximum dry density in accordance with ASTM density test D-1557. To assure that all structurally loaded areas are adequately compacted, it is recommended that a density of 95 percent maximum dry density (in accordance with ASTM density test D-1557) be obtained in all fill placed up to the bottom of footing elevation. The compaction should be accomplished by placing the fill in layers not exceeding 8 inches in loose lifts. Each lift should be uniformly compacted using lift suitable equipment for the materials composing the fill.

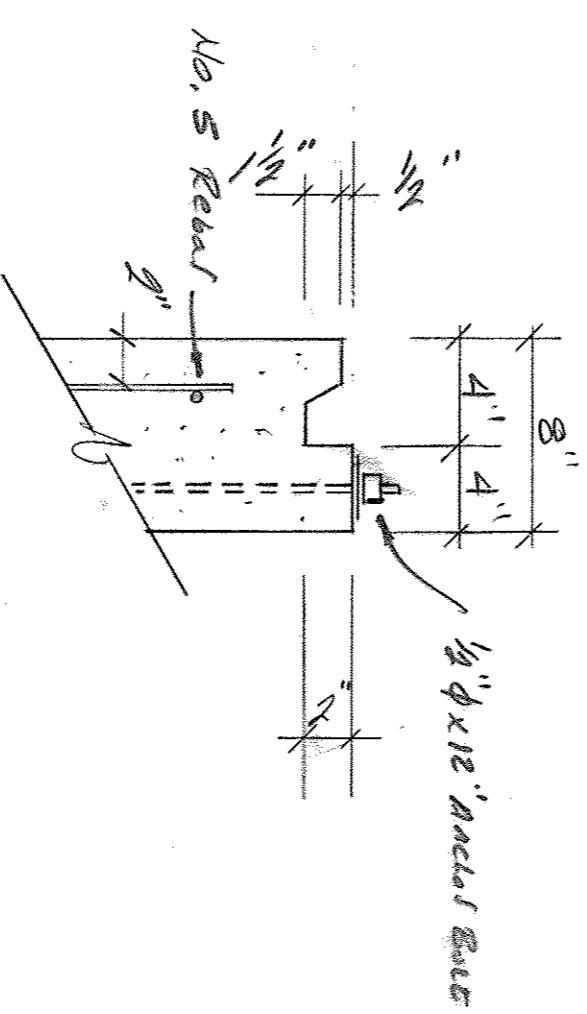


SPA TANK PLAN

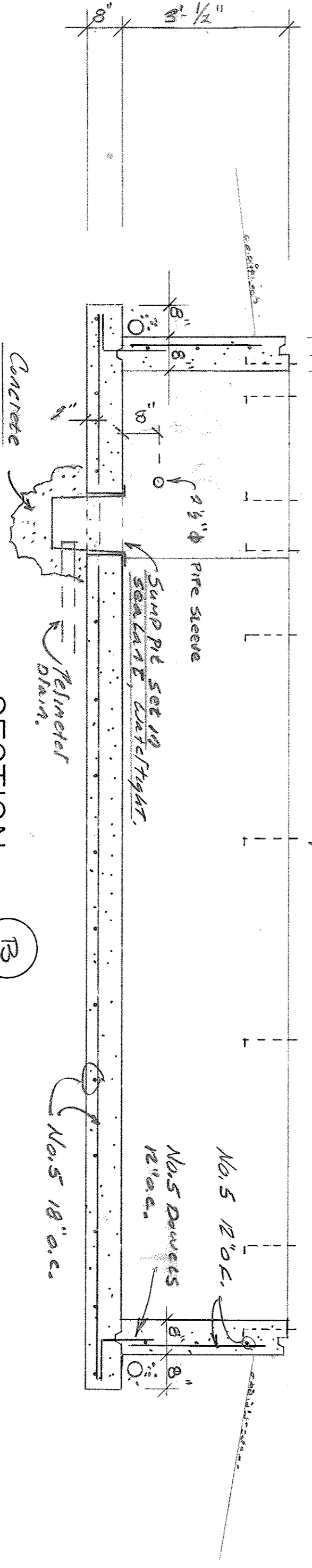


SECTION A

Note: Installation Contracted
in Deck Finish.



DETAIL C



SECTION B

- Concrete Contractor to set and install all embedded misc. metal items furnished by others.
- Concrete Contractor shall finish the concrete floor using the following overall tolerances:
Ft 25 (Finish Floor Finish Number)
Fl 15 (Finish Floor Levelness Number)
Per ACI 117 (See Sec. 4.5.6, for test area and minimum local F-number) and ASTM E-1155.

Notice:
This drawing is given in confidence and shall be used only as an instrument to convey design intent. Original copies shall remain the property of the designer.
No other dissemination or duplication is permitted without the consent of the designer.

Project No. 7394
Date: 7-11-94
Sheet 1 of 2

- Drawing Status:
- Preliminary Concept (not for construction)
 - Design Development (not for construction)
 - Final Design Drawing
- Revisions:
- 9-21-94 (N.T.S.) NOT TO SCALE.
 -
 -
 -

Project Title: South SPA

Owner: Royal Spa

General Contractor: