

3990 SR 64 E.  
Bradenton, FL 34208  
Office: 941-749-0311  
C.A. 27189

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64

SCALE: N.T.S.

- NOTE TO REVIEWER:  
DETAILED TDH  
CALCULATIONS ARE  
REQUIRED TO  
DETERMINE ANSI 7-  
SUCTION ENTRAPMENT  
COMPLIANCE**

COMPLIES WITH  
7TH ED. (2020) FBC,  
ALL VOLUMES

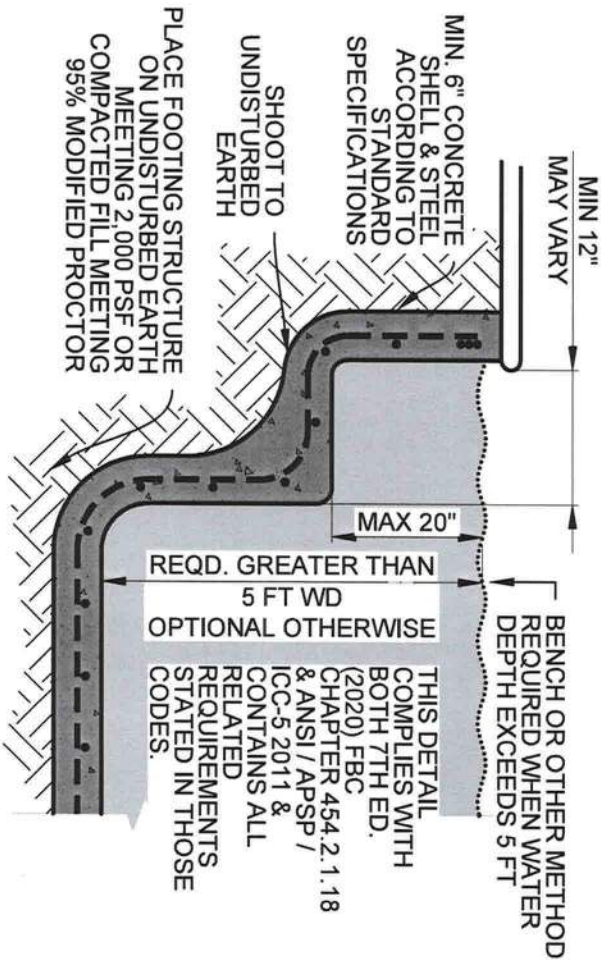
FOR USE IN: VARIOUS JURISDICTIONS  
BY: FUN STATE POOLS, INC.

## TYPICAL PLAN & SECTIONS FOR RESIDENTIAL POOL/SPA



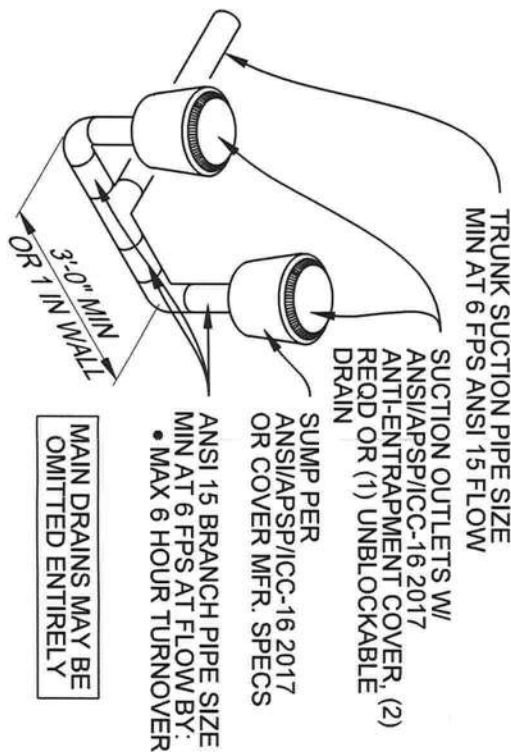
3 BENCH SECTION

SCALE: N.T.S.



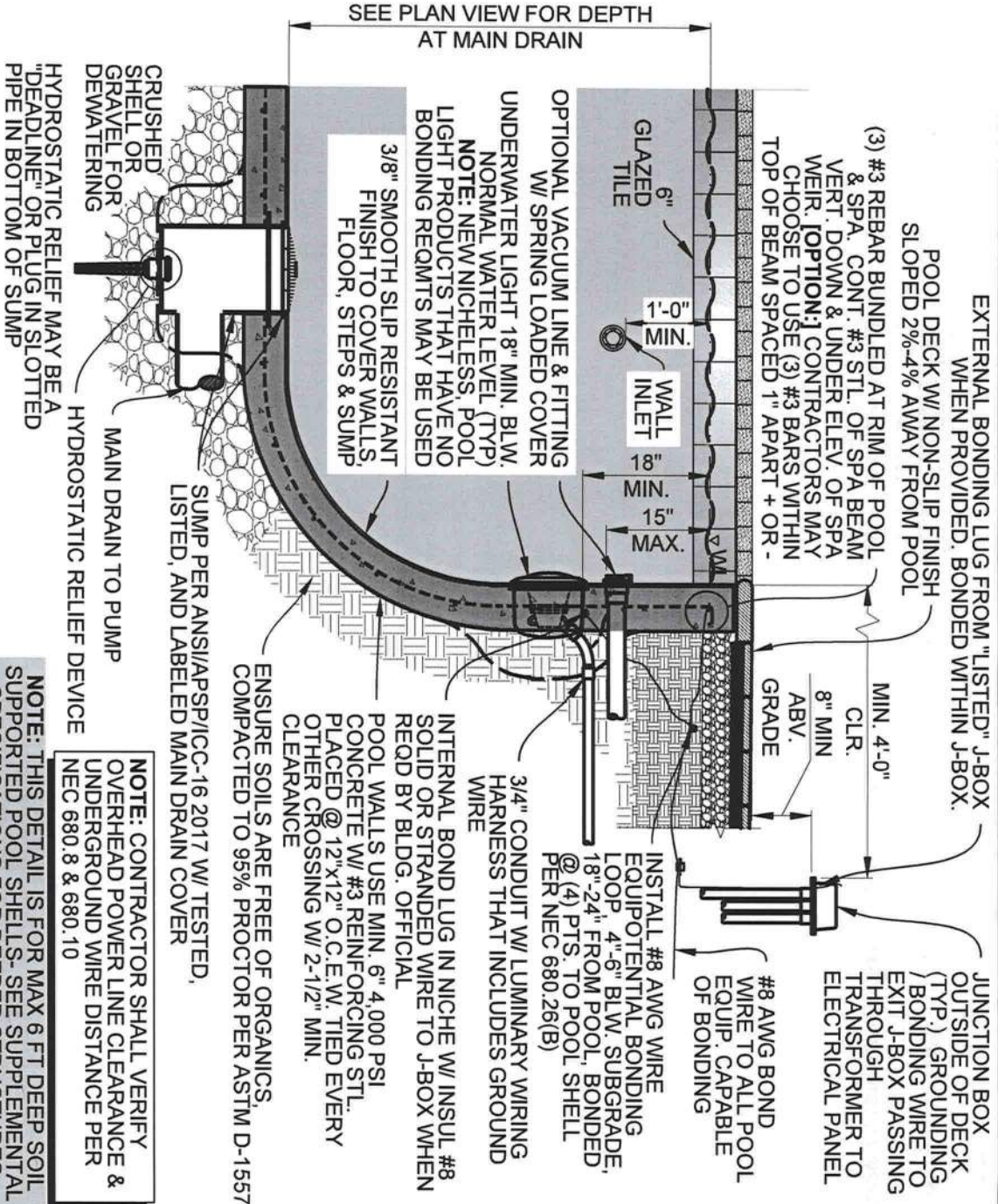
4 BRANCH PIPING

SCALE: N.T.S.



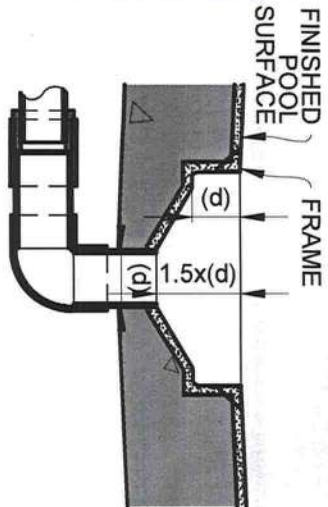
1 POOL DEEP END SECTION

SCALE: N.T.S.



2 FIELD BUILT SUMP

SCALE: N.T.S.



SPECIFIED PVC PIPE SIZE (d) MIN. SUMP DEPTH MIN. LEDGE DEPTH (d) -OR- FOR FIELD BUILT SUMPS SEE PRODUCT INSTALLATION INSTRUCTIONS



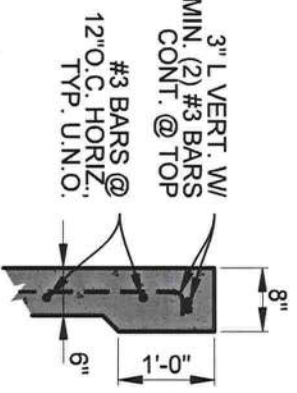
NOTES:  
• APPROVED PRODUCT SPECIFICATION MAY DIFFER FROM FIELD BUILT SUMPS SHOWN ON THIS PAGE

ADDITIONAL STRUCTURAL NOTES:

- USE MINIMUM ASTM A815 GRADE 40 STEEL
- LAP #3 BARS MINIMUM 15"
- LAP #5 BARS MINIMUM 25"
- 6" SHELL THICKNESS AND 2-1/2" CONCRETE COVERAGE ARE MINIMUMS
- USE 4,000 PSI CONCRETE
- CONTRACTOR / OWNER REQUIRED TO: CONTACT ENGINEER IF POOL NOT PLACED ON UNDISTURBED AND DE-WATERED EARTH THAT CAN MEET 2,000 PSF BEARING CAPACITY.
- WHEN BURIED DEBRIS IS ENCOUNTERED OR QUESTIONABLE CONDITIONS ARE INDICATED AT THE WORK SITE PRIOR / DURING CONSTRUCTION, A SUBSURFACE CONSULTANT SHALL CONDUCT BORING(S) IN THE AREA OF THE POOL TO CONFIRM SOIL BEARING CAPACITY, CLEAR OF BURIED DEBRIS, & VERIFYING GROUND WATER LEVEL
- ALL MODIFIED SOILS & EARTH FILL UNDER PERSPECTIVE POOL AREA SHALL MEET A SOIL DENSITY AND COMPACTION MINIMUM OF 95% MODIFIED PROCTOR WITHOUT SETTLEMENT.

5 POOL BEAM 8"x12" OPTION

SCALE: N.T.S.



NOTE: THIS DETAIL IS FOR MAX 6 FT DEEP SOIL SUPPORTED POOL SHELLS- SEE SUPPLEMENTAL SPECIFICATIONS FOR DEEPER STRUCTURES, LOAD SURCHARGE STRUCTURES, OR APPURTENANT STRUCTURES

COMPLIES WITH 7TH ED. (2020) FBC, ALL VOLUMES

THIS DOCUMENT VALID ONLY 12 MONTHS FROM DATE SIGNED

FOR USE IN: VARIOUS JURISDICTIONS  
BY: FUN STATE POOLS, INC.

TYPICAL SECTIONS  
FOR RESIDENTIAL POOL/SPA

**KIMES ENGINEERING**  
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REV.	DATE	DESCRIPTION
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DRAWING: 01-Jan-21		VERSION: 21-Dec-20

