

PERMIT

CITY OF NAPOLEON, OHIO — DEPT. OF BUILDING & ZONING
255 W. Riverview Avenue, Napoleon, Ohio 43545 (419) 592-4010

Permit No. 635 Date June 10, 1983
Job Location 125 Orchard Lane Valuation \$ 10,460.00
Owner John Knappe Address 125 Orchard Lane
Contractor Defiance Water Recreation Telephone No. 782-2618
Address 1417 Ralston Ave., Defiance, Ohio
Electric Contractor _____
Plumbing Contractor _____
Mechanical Contractor _____

This permit is issued for work described in the plans, specifications, and/or application submitted, as approved by the Building Commissioner of the City of Napoleon, Ohio. Work shall conform to all pertinent construction and land use Codes and Ordinances.

Work Information:

Residential Commercial _____ Industrial _____
New Construction _____ Addition _____ Remodel _____
Brief Description of Work Construct fox swimming pool

ISSUED BY Richard H. Hayman DEPT. OF BUILDING & ZONING
Building Official

It is the owners or contractors responsibility to call the Building Department for the following (x) inspections:

- Footing excavation prior to placing concrete.
- Footing drains and foundation prior to backfill.
- Prepared sub-grade prior to placing concrete floor slab.
- Sanitary sewer
- Rough-in electrical, plumbing and service framing prior to installing wall board.
- Final electrical, plumbing and heating.
- Final building inspection, prior to occupancy.

PERMIT & FEES

Building Permit	\$ 25.50
Electrical Permit	\$ 7.00
Plumbing Permit	\$ _____
Mechanical Permit	\$ _____
Demolition Permit	\$ _____
Zoning Permit	\$ _____
Sign Permit	\$ _____
Water Tap	\$ _____
Sewer Tap	\$ _____
Temp. Elec.	\$ _____
Other	\$ _____
TOTAL FEES	\$ 32.50
LESS FEES PAID	\$ -0-
BALANCE DUE	\$ 32.50

PAID

JUN 10 1983

CITY OF NAPOLEON

Permit is not valid until all fees are paid in full, and shall be void if work is not started within six months of date above.

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CITY OF NAPOLEON

INSPECTION RECORD

UNDERGROUND		ROUGH-IN &				FINAL
Type	Date	By	Type	Date	By	Date
PLUMBING	Sewer Connection		Drainage, W. & Vent			Drainage, W. & Vent
	Building Sewer		Water Piping			Water Heater
	Water Piping		Condensate Lines			Backflow Prevention
			Indirect Waste			
ELECTRICAL	Floor Ducts Raceways		Rough Wiring	6/15/83		FINAL APPROVAL Electric Mtr. Clearance
	Conduits & Cable		Conduits/Cable			Signs
	Grounding & Bonding	6/15/83	Service Panel			
			Switchboard			
MECHANICAL	Refrigerant Piping		Subpanels			
	Ducts/Plenums		<input type="checkbox"/> Range <input type="checkbox"/> Dryer			FINAL APPROVAL Duct Insulation
			Refrigerant Piping			Chimney(s)
			Ducts/Plenums			Furnace(s)
BUILDING			Ventilation <input type="checkbox"/> Supply <input type="checkbox"/> Exhst.			FINAL APPROVAL
	Location, Set-backs, Esmt(s)		Wall Construction			Fireplace Chimney
	Excavation		Crawl Space <input type="checkbox"/> Vent <input type="checkbox"/> Access			Attic <input type="checkbox"/> Vent <input type="checkbox"/> Access
	Footings & Reinforcing		Floor System(s)			Special Insp Reports Rec'd
	Sub-soil Drain		Roof System			Smoke Detector
	Foundation Walls		Fire Wall(s)			Demolition (sewer cap)
	Floor Slab		Roof Cover Roof Drain			Building or Structure
	FINAL APPROVAL BLOG. DEPT		—	Certificate of Occupancy Issued		#

CITY OF NAPOLEON
 BUILDING INSPECTION DEPARTMENT
 APPLICATION FOR BUILDING PERMIT
 (Please print or type)

The undersigned hereby makes application for construction, installation, or alteration work as herein specified, agreeing to do all such work in strict accordance with the City of Napoleon's adopted Building Codes.

Location of project 125 ORCHARD LANE Cost of project 10,460.00

Owner's Name JOHN KNAPE Address 125 ORCHARD LANE

Contractor DEFIANCE WATER RECREATION Telephone No. 782-2618

Address 1917 RAISON AV. DEFIANCE OHIO

Lot Information: (Not required for siding job)

Lot No. _____ Subdivision ANTHONY WANE

Zoning District _____ Lot Size _____ ft. X _____ ft. Area _____ sq. ft.

Setbacks: Front 120' Right Side 60' Left Side 65' Rear 30'

Work Information:

Residential POOL Commercial _____ Industrial _____

New Construction Addition _____ Remodel _____

Accessory Building _____ Siding _____

(Specific Type)

Brief Description of Work: CONSTRUCT POOL SWIMMING POOL

Size: Length 35 Width 22 No. of Stories _____

Area: 1st Floor _____ sq. ft. Basement _____ sq. ft.

2nd Floor _____ sq. ft. Accessory Bldg. _____ sq. ft.

3rd Floor _____ sq. ft. Other _____ sq. ft.

Additional Information: _____

APPLICATION FOR PERMIT SHALL BE ACCOMPANIED BY TWO COMPLETE SETS OF PLANS INCLUDING: ELEVATIONS, FLOOR PLANS, CROSS SECTIONS AND PLOT PLAN. IF ADDITION OR REMODELING, SHOW ALL EXISTING STRUCTURES AND THEIR SIZE AND LOCATION. ALL PLANS SHALL BE DRAWN TO SCALE.

Date 6-10-83

Applicant's Signature John Knape

PERMIT NO. 635

PERMIT FEE \$ 25.50

429



CITY OF NAPOLEON
BUILDING INSPECTION DEPARTMENT
APPLICATION FOR ELECTRICAL PERMIT
(Please print or type)

The undersigned hereby makes application for installation or replacement of electrical equipment as herein specified, agreeing to do all such work in strict accordance with the City of Napoleon's adopted Electrical Codes.

Owner's Name John Knapp Address 1250 Lakeland Lane

Electrical Contractor Defiance Water Rtg. Telephone No. 782-2618

Address 1417 Raisin Ave Def. Ohio

General Contractor Same Telephone No. 782-2618

Address _____

Location of Project 1250 Lakeland Lane Cost of Project _____

Work Information:

Residential _____ Commercial _____ Industrial _____

No. Units

New _____ Service Change _____ Rewiring _____ Additional Wiring _____

Brief Description of Work: Electrical wiring for swimming pool, pump,

light & grounding

Size of proposed service entrance _____ Number of new circuits 2

Type of proposed service entrance _____ Underground _____ Overhead _____

Require Temporary Electric _____ (Yes or No)

Total Floor Area - Commercial and Industrial only _____ sq. ft.

Additional Information: 2 circuits 1-220, 1-115 + G.F.I. on pump

*Ground fault circuit interrupter protection is required on all 120-volt single phase, 15 and 20 amp. Circuits which are part of a temporary electric service; and also on bathroom, outdoor, and garage receptacles in all dwelling units. Art. 220-8 N.E.C.

*Application for permit shall be accompanied by two complete sets of plans including: Electrical layout and riser diagram. (For commercial and industrial work only).

Date 6-10-83 Applicant's Signature [Signature]

PERMIT NO. 635
PERMIT FEE \$ 7.00

NOTE

1. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH ACI BUILDING CODE (ACI 318-TI), TWO INCHES OF CONCRETE COVER FOR CONCRETE SURFACES IN CONTACT WITH SOIL, ONE AND ONE HALF INCH COVER FOR EXPOSED CONCRETE SURFACES.
2. ACI AND LOCAL CODES MAY REQUIRE ADDITIONAL TEMPERATURE STEEL IN DECK WHEN STRUCTURE IS ADJACENT TO THESE SPECIFICATIONS IT IS SELF SUPPORTING WITH OR WITHOUT POOL WATER.

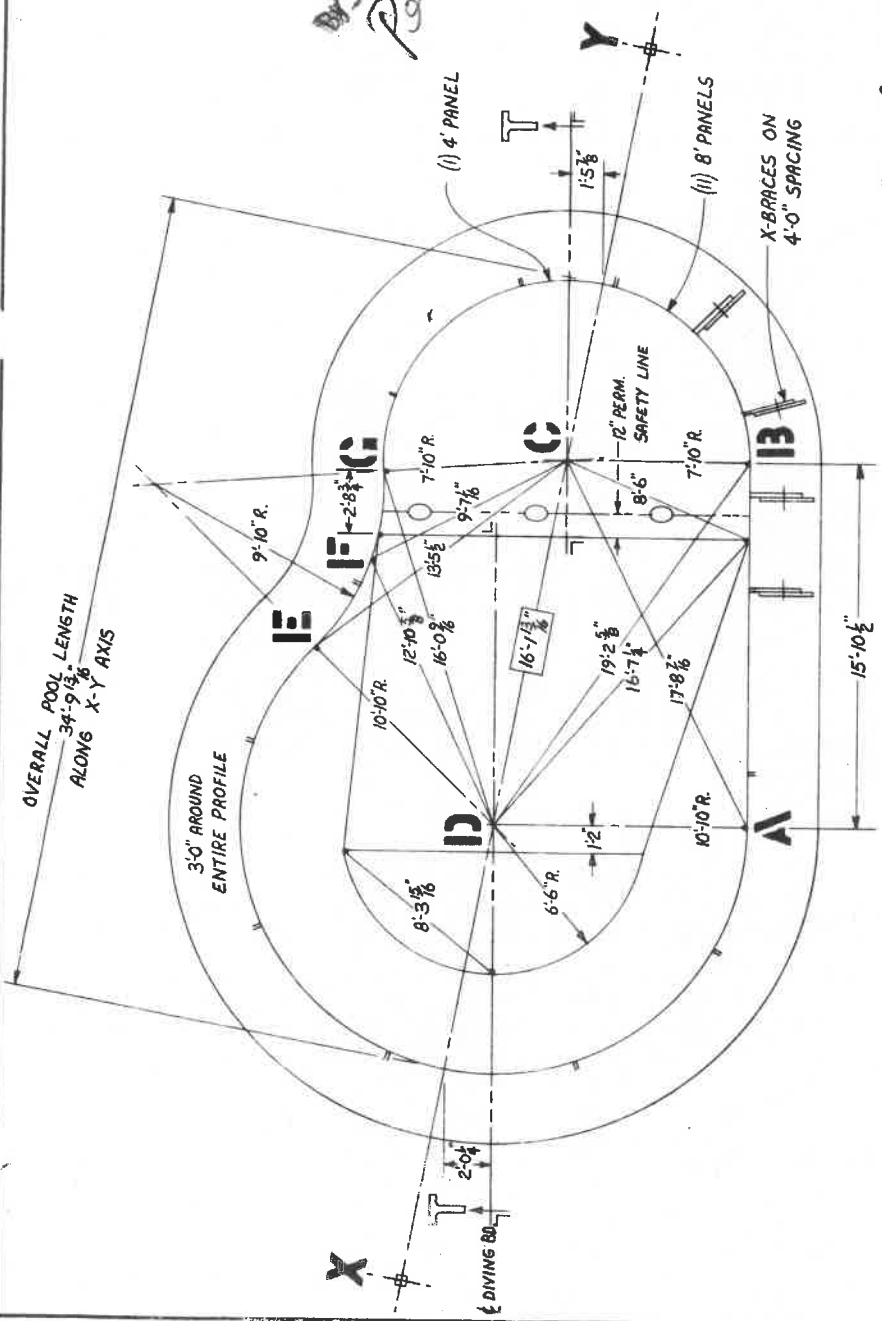
**CITY OF NAPOLEON
BUILDING DEPT.**
Plan Approval
Permit # *635*
Date *10/10/83*

*1. #6 Copper for
Ground wire*

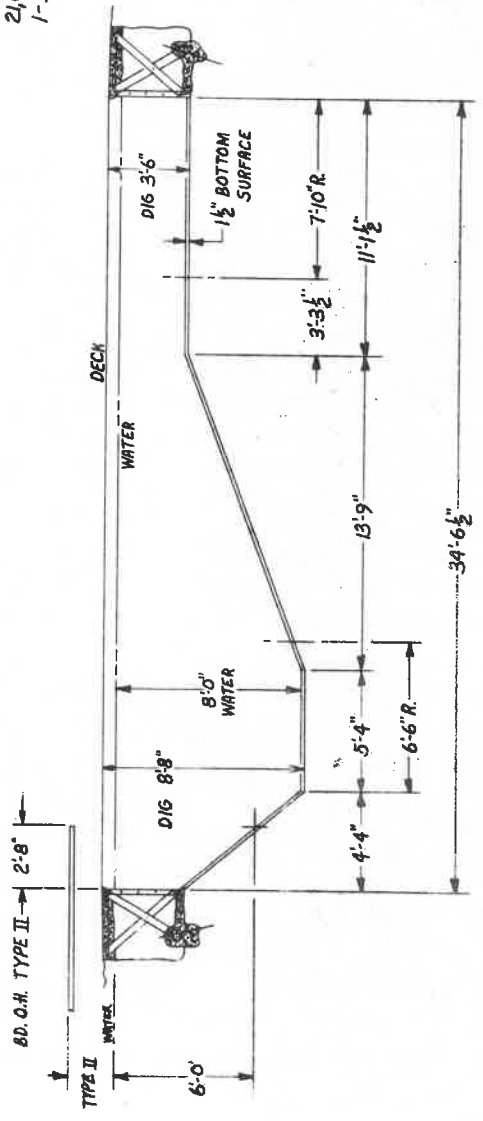


INSTALLATION TO BE IN ACCORDANCE WITH
FOX POOL, CORP. RECOMMENDATIONS.

ITEM	QTY.	DESCRIPTION	STOCK SIZE OR PART NO.	MATERIAL
		UNLESS OTHERWISE SPECIFIED.		
		FINISH: 1. 1/2" OR STOCK FINISH ALL OVER 2. JTS 3. JTS 4. JTS 5. JTS 6. JTS 7. JTS 8. JTS 9. JTS 10. JTS 11. JTS 12. JTS 13. JTS 14. JTS 15. JTS 16. JTS 17. JTS 18. JTS 19. JTS 20. JTS 21. JTS 22. JTS 23. JTS 24. JTS 25. JTS 26. JTS 27. JTS 28. JTS 29. JTS 30. JTS 31. JTS 32. JTS 33. JTS 34. JTS 35. JTS 36. JTS 37. JTS 38. JTS 39. JTS 40. JTS 41. JTS 42. JTS 43. JTS 44. JTS 45. JTS 46. JTS 47. JTS 48. JTS 49. JTS 50. JTS 51. JTS 52. JTS 53. JTS 54. JTS 55. JTS 56. JTS 57. JTS 58. JTS 59. JTS 60. JTS 61. JTS 62. JTS 63. JTS 64. JTS 65. JTS 66. JTS 67. JTS 68. JTS 69. JTS 70. JTS 71. JTS 72. JTS 73. JTS 74. JTS 75. JTS 76. JTS 77. JTS 78. JTS 79. JTS 80. JTS 81. JTS 82. JTS 83. JTS 84. JTS 85. JTS 86. JTS 87. JTS 88. JTS 89. JTS 90. JTS 91. JTS 92. JTS 93. JTS 94. JTS 95. JTS 96. JTS 97. JTS 98. JTS 99. JTS 100. JTS		
		REMOVE BURRS AND BREAK SHARP CORNER STAMP PART WITH DRAWING NUMBER IN AREA MARKED X.		
DL	C.V.	DATE 12/7/81	NO. RECD	
DL	PL	DATE 1-21-81	ASBY NO.	
DL	PL	DATE 1/21/81	SCALE NONE	
				02-237-C



24" FILTER, 3/4 HP PUMP
2,025 GAL., 574 SQFT.
1-SKIMMER



SECTION T-T

© ALL RIGHTS RESERVED

PHASE VI ELECTRICAL & CONCRETE DECK PREPARATIONS & DECK POUR

- 1. Electrical**
- 2. Final Backfilling**
- 3. Concrete Deck Preparation**
- 4. Permanent Locators**
- 5. Stair Preparation**
- 6. Concrete Deck**

1: ELECTRICAL INSTALLATIONS AND SAFETY GROUNDINGS TO U.L. CODE

The requirements of the latest National Electric Code, as published by the National Fire Protection Association, shall be followed for the wiring and grounding of all electrical equipment associated with a swimming pool and the grounding of all metallic appurtenances.

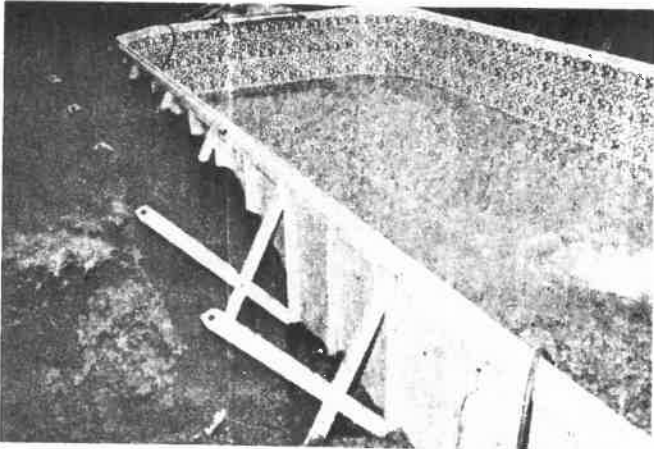
The requirements of local ordinances shall be followed along with the National Electric Code with precedence established at the locale.



2. FINAL BACKFILLING

After all below grade plumbing has been completed, checked for function and for leaks; and after all below grade electrical work has been completed, checked for function and inspected where necessary, you may proceed with the remaining backfilling operation. Because of the strength of the X-Brace structural system, it is not required to compact backfill or equalize water pressure while backfilling.

Backfill to the proper elevation for pouring the concrete deck, making certain the back of the Foxite II coping and the top of the X-Braces remain exposed. This allows easy re-rod installation and facility for filling the Foxite coping with the concrete.



It should be noted, that it is intended, in time the backfill will settle down and away from underneath the concrete deck, leaving it suspended above an air gap. This allows room for soil expansion during freezing so the concrete deck will not be affected by upward ground pressures.

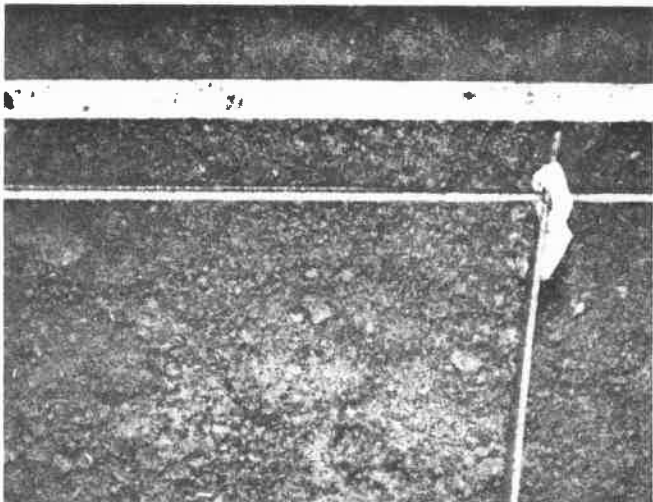
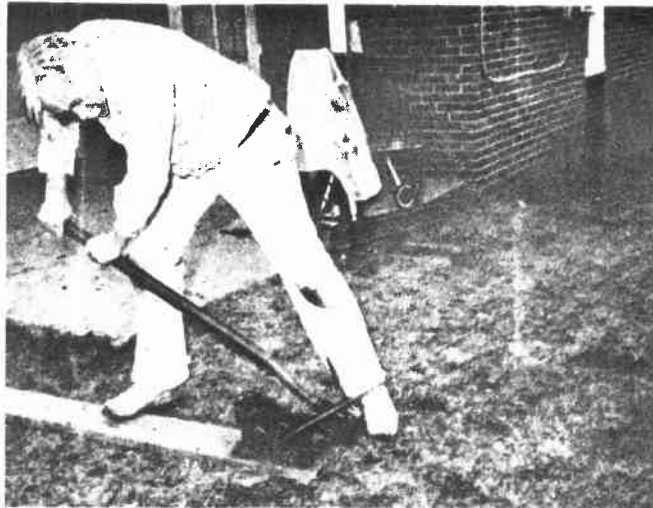
NOTES

3. CONCRETE DECK PREPARATION

This preparation includes the installation of: steel reinforcing rods, ladders, hand rails for stairs and diving boards (if applicable). All these components must be accurately and firmly located prior to pouring the concrete deck.

Run $\frac{3}{8}$ " dia. rerod completely around the pool, threading it through the outside hole in the top X-Brace farthest away from the pool. Optionally, you may run a 2nd rerod completely around the pool, midway between the outside run and the pool wall. Tie all rerod intersections.

Using 42" long by $\frac{3}{8}$ " dia. rerods, one for every 2' of pool perimeter, bend and insert through holes around pool perimeter. These holes are present every 2' and are either in the top of the X-Brace or the top extremity of the "Z" bar panel stiffeners where X-Braces have been omitted. The outer end of the rerod is either inserted in the top hole of the outboard X-Brace member or tied to the outside perimeter rerod as shown below.



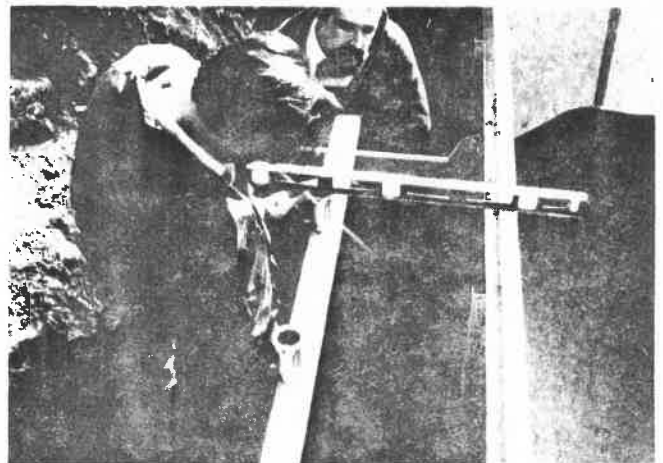
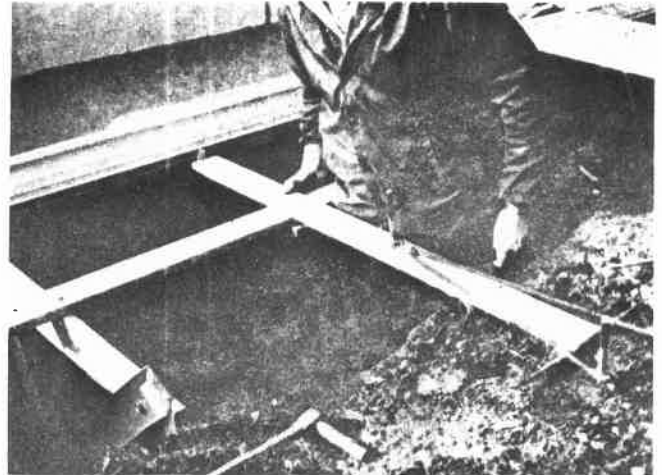
Raise the lid ring seal in the skimmer to the height of the concrete finish desired.

Concrete deck is formed to provide 3'-0" from rear edge of Foxite coping. Use expansion joint and proper rerod tie bars should it be desired to place a wider concrete deck. Concrete deck should be 4" min. thickness. Deck should slope min. $\frac{1}{4}$ " per foot away from pool. Reinforcing steel should have one and one-half inch cover, or as required by local building codes.

Diving boards must be installed in accordance with the manufacturer's instructions supplied with the board. The diving board stand is supplied with a pre-formed rerod mounting jig. Care must be taken to assure true pool centerline position of the diving board by marking C points on coping or panels. Refer to any Fox pool drawings and codes regarding board height above deck and board overhang from the edge of the pool.

4. PERMANENT LOCATORS FOR LADDERS - BOARDS AND HAND RAILS

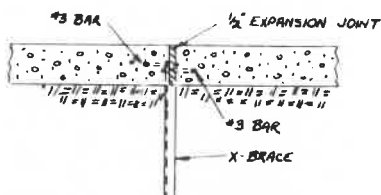
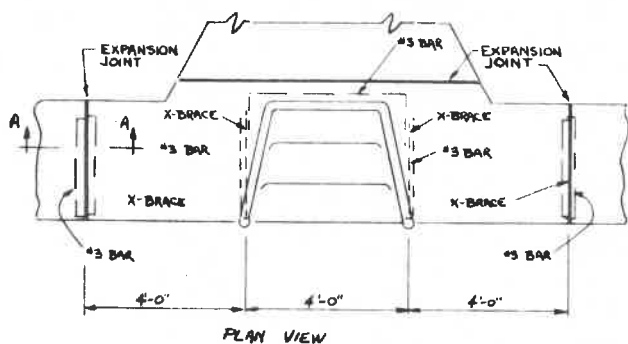
Each X-Brace has a hole drilled approximately 5" from the top. This allows for installation of the optional Permanent Locator system Fox Pool Corporation makes available. Install the Locators as illustrated below.



5. PREPARATION OF STAIR FOR PLACING CONCRETE DECK

The stair should be isolated by Fox Expansion Joint to allow deck expansion and contraction without unduly stressing the stair shell. This is especially important in freezing climates, as pools are subjected to forces from both ice in the pool and frost in the ground.

Figure shows one method for locating and placing Expansion Joints around a 4' stair. An 8' stair will require additional vertical supports in the mid-point of stair (an X-Brace parallel to rear of stair can be used for this purpose).



6. DECK POUR

FOOTNOTE:

Concrete deck, coping and liner are visual lasting aspects of the pool. Therefore, extreme care should be taken when installing any of these items to ensure everlasting beauty.

If you are not experienced in placing and finishing concrete, we suggest you secure the assistance of a local contractor.

When pouring concrete decks, be sure to:

1. Wet the ground on dry or hot days.
2. Order a minimum of 3,000 # test; 4" slump; approx. 8% air entrainment.
3. During pour, lift rerods so that they are centered in the concrete.
4. Make sure concrete decks are properly expanded per the pool model you are building using Fox Expansion Joints or control joints.
5. Be sure to fill coping bullnose with concrete and tap coping with a rubber mallet or hammer handle to remove air pockets.
6. In early spring or late fall, it is advisable to add 2% calcium to all concrete borders.
7. For added strength and beauty in any concrete deck, it is desirable to wet the deck as often as possible to retard curing of the concrete. Keep in mind that the concrete finish will become whiter the longer it is kept wet.

