

General
The swimming pools and spas consist of one-piece fiberglass construction shop-formed over a mold. The material is fiberglass reinforced plastic (FRP), a minimum of 1/4 inch (6.4 mm) thick, composed of isophthalic resin, vinyl ester resin, and fiberglass. The surface finish is a neo penyl glycol gel coat. Panther Pools produces various styles of swimming pools and spas. When installed in accordance to Panther Pools installation procedures, the pools and spas comply with applicable requirements of the following codes:

- CODE COMPLIANCE**
 MASSACHUSETTS
 COMMONWEALTH OF THE MASSACHUSETTS BUILDING CODE
 780 CMR (10th ED.)
 INTERNATIONAL RESIDENTIAL CODE - 2021
 INTERNATIONAL SWIMMING POOL & SPA CODE - 2021

ELECTRICAL & PLUMBING
 THE CONSTRUCTION AND INSTALLATION OF ELECTRIC WIRING, GROUNDING AND BONDING, AND EQUIPMENT ARE SUBJECT TO THE STATE CODE AND TO THE CURRENT ADOPTED NATIONAL ELECTRIC CODE REQUIREMENTS.
 ALL PLUMBING MUST COMPLY WITH THE ADOPTED STATE CODE.

POOL IS IN COMPLIANCE TO American National Standard for Residential Inground Swimming Pools ANS/APSP/ICC-5-11.

The overall pool dimensions, depths and capacities are shown in Table 1 and Table 4. The units comply with ANS/NSPI-5, specified in Section AG103.1 of the IRC, and IAPMO IGC-2000[®], specified in the UPC.

Models described in Table 2, Table 3, and Table 4 can be placed up to 19-1/2 inches (49.5mm) above ground. These pools and spas may be placed with or without concrete or wood decking. Unless elevated portions of the units are protected from sunlight by soil berms, decking, etc., these portions must be coated with a UV-inhibiting opaque paint that is compatible with the laminate.

All plumbing must comply with the IPC or UPC. Electrical work must comply with the code in effect at the construction site. The pool and spa must remain full of water at all times. A permanent sign, bearing the following statement, must be attached to the pumping equipment: Notice-The pool or spa is designed to remain full of water at all times. The pool shell may be damaged if the water level is allowed to drop below the skimmer. When appreciable draw-down is noticed or if it becomes necessary to drain the pool or spa, contact Panther Pools or its dealers for instructions.

A permanent label must be installed adjacent to the above sign indicating the Panther Pools dealer's name, address and telephone number.

Installation Procedure:
 Panther pools and spas may be installed without a soil investigation by a registered design professional (RDP), subject to the building official's approval, provided none of the following conditions are encountered at the site:

1. The existence of uncontrollable groundwater within the depth of the pool or spa excavation.
2. The existence of an uncompacted fill in contact with any portion of the pool or spa not confine sand or 1/2" clean gravel bedding.
3. The existence of any soil types with an angle of repose that will not support the walls of the excavation at desired slopes.
4. Danger to adjacent structures posed by the proposed pool or spa location.
5. The existence of any cracks or openings in soil that would, if any of the conditions above is encountered, excavation must cease immediately. The specified conditions at the site must then be reviewed and recommendations made by the RDP. The building official must approve the RDP's report before work is completed.

The pool or spa excavation profile must coincide with the contours of the pool. The over excavation is minimum 6 inches (152mm) on the sides and ends. The over excavation at the pool bottom is minimum 4inches (102mm). The backfill for the pool or spa bottom is a layer of 3-inch-thick (76mm) bedding sand or 1/2" clean gravel matching the pool or spa profile the backfill level

This backfill layer is compacted using a manual tamper and water. The pool or spa is then set into place using a crane, excavator or manually and be within 1 inch (25mm) of level. Simultaneous water-fill and backfill operations then commence. The backfill is compacted with a tamper and water. The installer must ensure that and water level are approximately the same throughout this procedure. After completion of the backfill and plumbing, the decking is placed.

Decks are prepared as indicated in Figures 1 through 4:

1. Cantilevered concrete decks are constructed as noted in Figure 1 in all cases.
 2. Cantilevered decks are constructed with brick or stone as noted Figure 2 in all cases.
 3. Raised bond beams are constructed as noted in Figure 3 in all cases.
 4. Aboveground installations are constructed as noted in Figure 4 in all cases.
- Barriers are required where pools are on premises of UBC Group R, Division 3, Occupancies or IBC Group R Occupancies. The barriers must comply with Appendix Chapter 4, Division 1, of the UBC or Section 3109.4 of the IBC
- Expansive soils:**
 For installation of pools or spas in expansive soils, the following additional installation details must be followed subject to code official's approval:

1. All surfaces adjacent to the pool or spas must be excavated to a minimum depth of 12 inches (305 mm) beneath the pool bottom and minimum 6 inches (152 mm) behind the pool walls.
2. Any soft or loose soils exposed by step 1 must be removed until exposed material is solid. If the soil is still soft and loose, the

upper 6 inches (152 mm) of all horizontal excavation surfaces must be scarified and compacted with mechanical equipment. The compacted surfaces and the excavated wall surfaces must be maintained in a moist condition until the first lift of backfill or fill is placed against the surface. The term compaction implies any method necessary to consolidate the native and fill materials to keep the pool or structure from settling.

3. The excavated bottom area of the pool or spa must be backfilled with granular import material to approximately 6 inches (152 mm) below the bottom of the pool or spa, wetted and compacted.
4. The remaining 6 inches (152 mm) must be backfilled beneath the pool or spa and outside the pool walls with compacted clean granular import material. The pool or spa must be filled with water as backfilling progresses to a level equivalent to that of the backfill. The backfill must be placed in compacted layers of approximately 6 inches (152 mm) while a uniform height of backfill is maintained around the pool or spa.
5. Positive surface drainage away from the perimeter of the pool and surrounding deck is required and critical to installations in highly expansive soils. Surface area drains and surface drainage swales or sub-drains must be placed as needed to prevent ponding or saturation of the soil around the perimeter and vicinity of the pool to prevent excessive shrink-swell or volume changes in the soil.

Identification:
 Panther pools and spas are identified by the following information imprinted on the top step of the pool or spa: manufacturer's name (Panther Pools) and address, pool or spa model designation, a coded serial number and the evaluation report number (ESR-2014).
 The units also bear the label of the quality control agency, Columbia Research & Testing Corporation (AA-527).

Findings: That the fiberglass one piece swimming pools and spas are in compliance with the above listed codes as noted in ESR-2014 subject to the following conditions.

1. The construction and pool/spa installation comply with this report and the manufacturer's instructions.
2. Electrical and plumbing installation comply with the respective
3. That all pools are installed in accordance with manufacturer's recommendations
4. The pools and spas produced by Panther Pools, 870 Harding Hwy, Newfield NJ 08344 are manufactured under a quality control program with inspections by Columbia Research & Testing Corporation (AA-527).

POOL MODEL NAME	CODE	SIZE	DEPTH	GALLONS
1. Texas	TX42	18' x 42'	3'-6" 7"	24,000
2. Tennessee	TN38	16' x 38'	3'-6" 5'-10"	17,500
3. New York	NY35	16' x 35'	3'-4" 6'-5"	12,000
4. Massachusetts	MA26	12' x 26'	3'-6" 5'-6"	7,200
5. Connecticut	CT26	13' x 26'	3'-6" 5'-6"	8,000
6. Indiana	IN25	12' x 25'	4'-6"	8,100
7. Illinois	IL24	12' x 24'	5'-4"	7,500
8. South Carolina	SC20	10' x 20'	4'-4"	2,500
9. New Jersey	NJ18	17'-3" x 10'-10"	4'-6"	2,500
10. Rhode Island	RI14	14' x 8'-6"	5'-2"	100
11. Spa Round	SR	7'-10" x 15'-10"	3'	420
12. Rectangle Ledge	RL	7'-9" x 15'-9"	10"	400
13. Wyoming	WY44	18' x 44'	3-8" to 8'1"	26,000
14. Nebraska	NE40	16' x 40'	3-5" to 8'	19,600
15. Iowa	IA37	15-6" x 35'	3-7" to 5-9"	14,000
16. Maryland	MD30	14' x 30'	3-7" to 5-11"	12,800
17. Oregon	OR29	13' x 29'	3-9" to 5-5"	8,988
18. Virginia	VA26	13' x 26'	3-6" to 5-6"	6,000
19. North Carolina	NC25	12' x 25'	3-7" to 5-5"	6,000
20. Delaware	DE20	11' x 20'	3-5" to 5-5"	3,600

ALL POOL MODEL'S ANS/NSPI - TYPE 0 - NON DIVING EXCEPT
 GEORGIA MODEL IS - TYPE I POOL - JUMPING BOARD PERMITTED
 Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines.

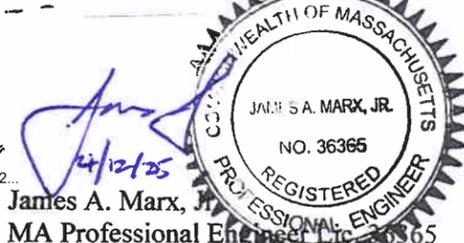
ONLY COMPOSITE POOL PAGES 1, 2, 3, 5, 10 ARE APPLICABLE FOR NEW HAMPSHIRE



870 Harding Hwy, Newfield NJ 08344, 1 (609) 350-0050

DocuSigned by James Marx 4AC0DCBEBB06472...

CHRISTINE McCORMICK
 121 SETUKET RD
 YARMOUTH PORT MA



21.	Florida	FL18	9' x 18'	4'3"	2,000
22.	Georgia	GA44	16' x 44'	3'7" to 8'1"	18,684
23.	Ohio	OH40	16' x 40'	3'6" to 6'10"	15,400
24.	California	CA40	16' x 40'	3'6" to 6'10"	18,500
25.	Maine	ME30	14' x 30'	3'6" to 5'10"	12,500
26.	New Hampshire	NH30	14' x 30'	3'6" to 6'	11,300
27.	New Mexico 20	NM20	10' x 20'	4'4"	2,200
28.	New Mexico 12	NM12	12' x 24'	4'4"	3,000
29.	New Mexico 24	NM24	10' x 24'	4'4"	2,500
30.	New Mexico 28 spa combo	NM28	10' x 28'	4'4"	2,900
31.	South Carolina	SC20	10' x 20'	4'	2,500
32.	Indiana 65L cap Pool	IA65	12' x 20' x 65"	4'6"	7,000 - 28,000
33.	Rhode Island 20	RI20	9'6" x 20'	4'4"	3,200
34.	Rhode Island 8	RI8	8' x 20'	4'	3,000
35.	Rhode Island	RI15	9'6" x 14'6"	4'	2,100
36.	Montana	MT11	7'4" x 10'4"	2'9"	600
37.	Montana w/ spillway	MTS11	8'10" x 10'4"	2'9"	600
38.	Vermont	VT11	10'2" x 10'2"	3'4"	4'75
39.	South Dakota	SD8	7'9" x 7'9"	3'	6'75
40.	South Dakota w/ spillover	SDS8	7'9" x 7'9"	3'	400
41.	Puerto Rico	PR11	8'2" x 10'2"	3'4"	900
42.	Puerto Rico w/ spillover	PRS11	8'2" x 10'2"	3'4"	900
43.	Michigan	MI8	8' x 8'	3'3"	400
44.	Michigan w/ spillover	MIS8	8' x 8'	3'3"	400
45.	North Dakota	ND7	7' x 7'	3'	400
46.	North Dakota w/ spillover	NDS7	7' x 7'	3'	400
47.	Washington	WA15	7' x 15'	10"	400
48.	Washington w/ wide spillover	WAW15	7' x 15'	10"	400
49.	Washington w/ spillover x3	WAS315	7' x 15'	10"	400
50.	Washington w/ spillover x2	WAS215	7' x 15'	10"	400
51.	Colorado	CO13	8' x 12'4"	3'	875

52.	Colorado w/ standard spillover	CO13	8' x 12'4"	3'	875
53.	Colorado w/ WIDE spillover	COW13	8' x 12'4"	3'	875
54.	Round Spa-RS	RS	6'11" diam	3'	1,200
55.	Rectangle Ledge - RL	RL16	15'8" x 7'8"	10"	400
56.	Wisconsin	WI30	12' x 30'	3'6" to 6'	9,300
57.	Alabama	AL32	14' x 32'	3'6" to 5'10"	11,000
58.	Louisiana	LA14	7' x 14'	1'9"	920
59.	Alaska	AK15	10' x 15'	4'	2,200
60.	Utah	UT20	10' x 20'	4'	2,650
61.	Nevada	NV25	12' x 25'	4'6"	8,000
62.	Indiana 22	IA22	10' x 22'	4'6"	9,000
63.	New Mexico 14x30	NM1430	14' x 30'	4'4"	12,800
64.	New Mexico 16x35	NM1635	16' x 35'	4'4"	14,000
65.	Indiana w/Bench	IAB	12' x 25'	4'6"	5,500
66.	Indiana 26	IAP26	10' x 26'	4'6"	11,400
67.	South Dakota V2	SDV2-6	6'9" x 6'9"	3'	550
68.	South Dakota Spill V2	SDVSP2-6	6'9" x 6'9"	3'	560
69.	Oklahoma Spa	OKSPA	6' x 9'5"	3'	550
70.	South Carolina V2	SCV2-16	10' x 16'	4'	2,000
71.	Freedom 34	FR34	15' x 34'	3'6" to 7'	12,000
72.	Alabama	AL14-32	14' x 32'	3'6" to 5'10"	11,000
73.	Arizona	AR-BVI-16	12' x 16'6"	5'	5,200
74.	Hawaii	HW15	11'6" x 22'	3'6" x 5'6"	5,200
75.	Louisiana Spill	LASPKCPsp	7' x 14'	1'9"	920
76.	Gaige May Spa	GMSp-6x9	6' x 9'	3'	550
77.	Trenton	TRambo12	12'6" x 30'	4'5" - 5'10"	10,000
78.	Phoenix	Phx19	7' x 15'	10"	400
79.	Phoenix w/ wide spillover	PhxWsp	7' x 15'	10"	400
80.	Phoenix w/ spillover x2	Phx-sp2	7' x 15'	10"	400
81.	Phoenix w/ spillover x3	Phx-sp3	7' x 15'	10"	400

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ALL POOL MODELS ANS/NSPI - TYPE 0- NON-DIVING EXCEPT GEORGIA MODEL IS TYPE 1 - JUMPING BOARD PERMITTED

Project Name and Address

DocuSigned by:

James Marx
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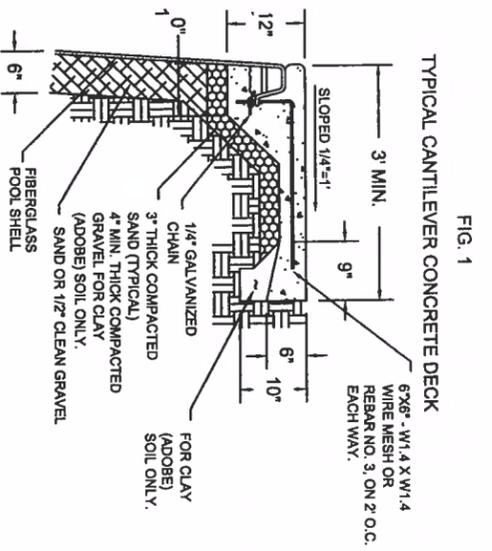


FIG. 1

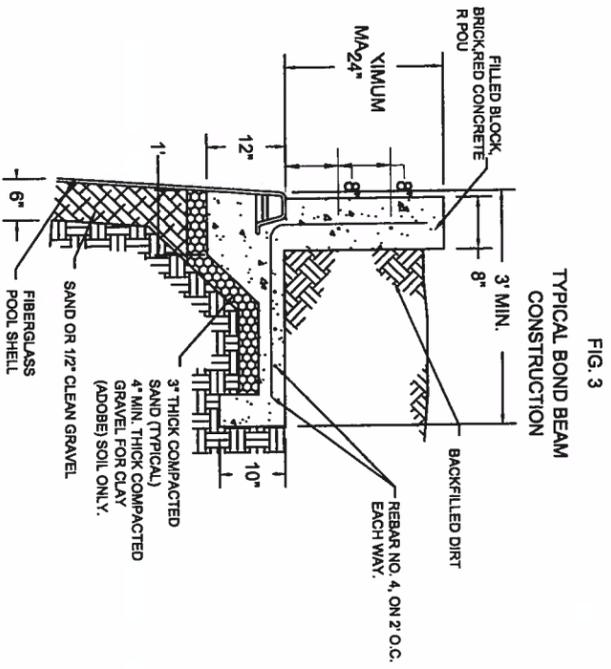


FIG. 3

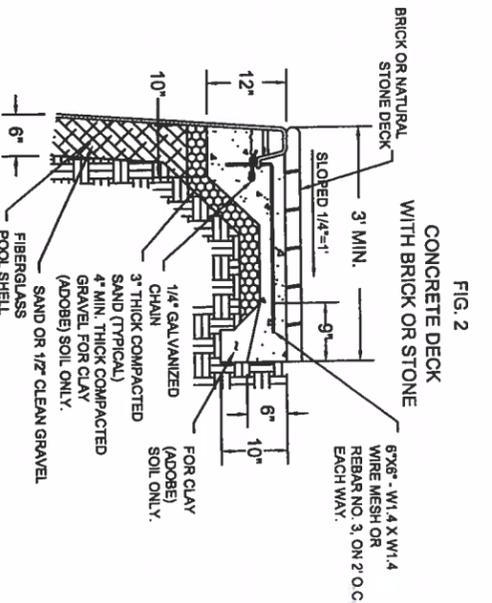


FIG. 2

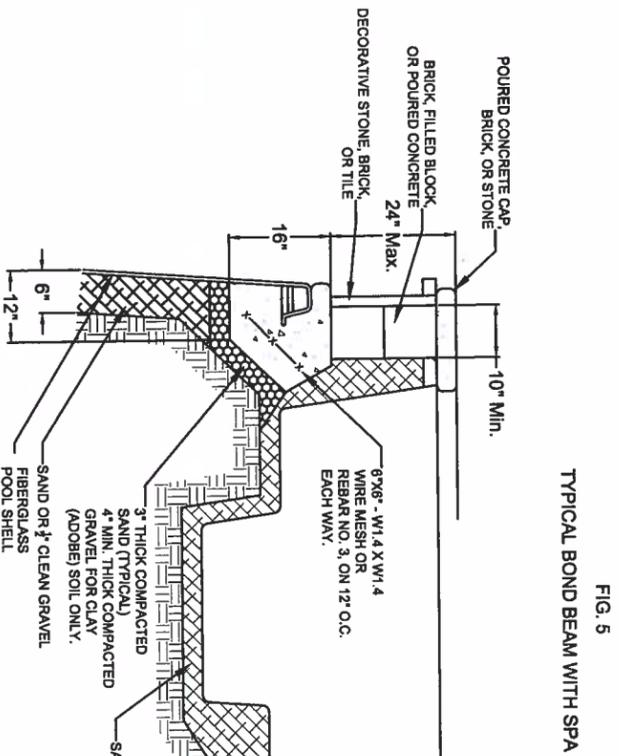


FIG. 5

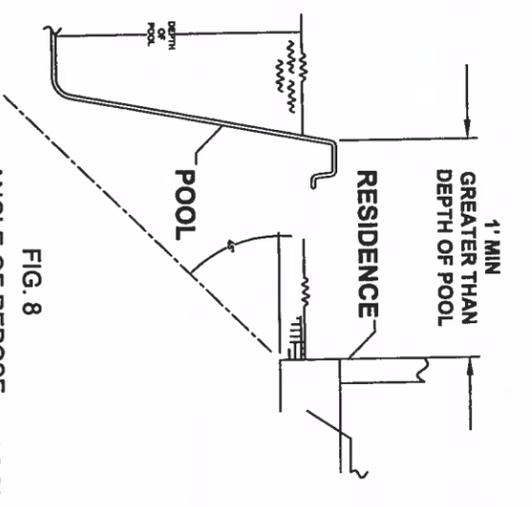


FIG. 8

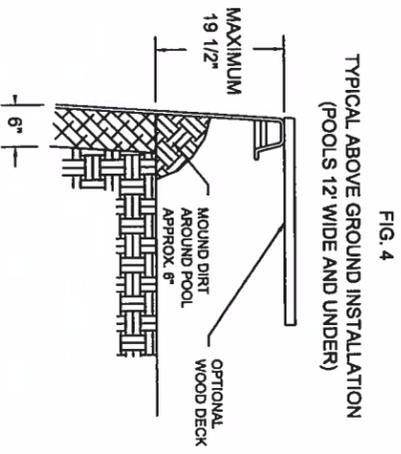


FIG. 4

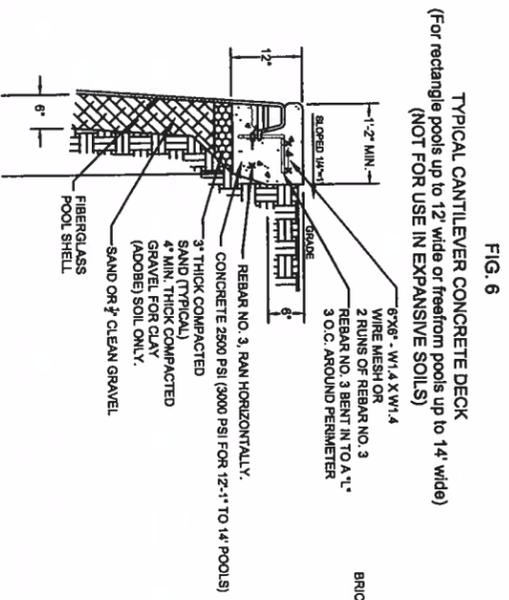


FIG. 6

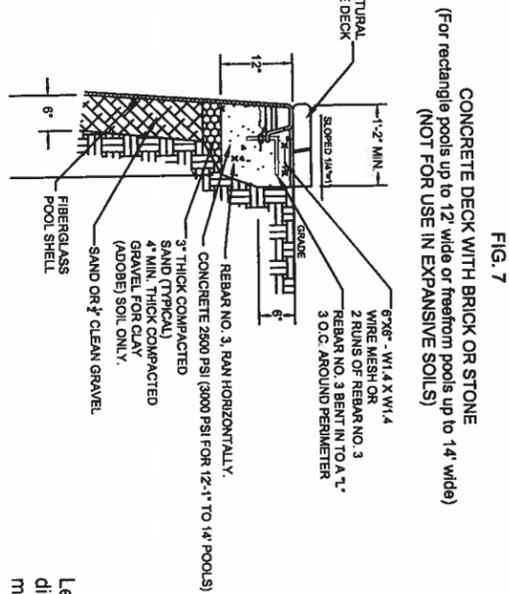
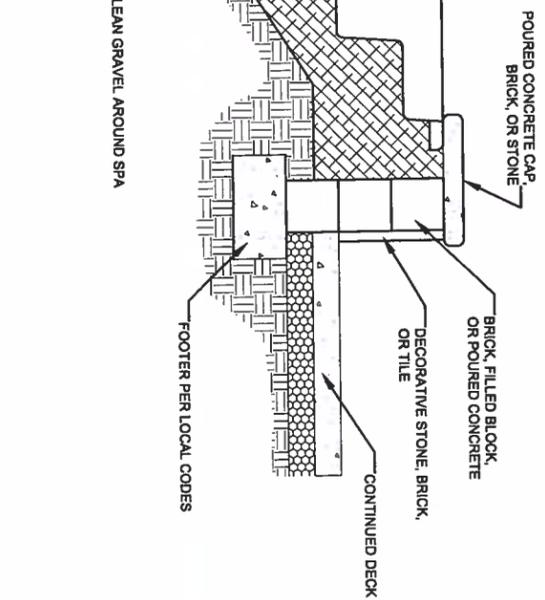


FIG. 7



ANGLE OF REPOSE IN POOL
(NO INCREASED PRESSURE STRUCTURE WALLS FROM ADJACENT STRU)

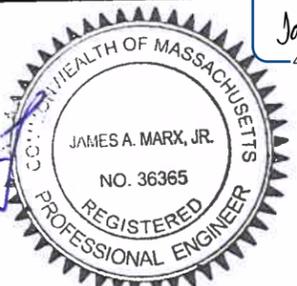
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Project Name and Address

DocuSigned by:

James Marx

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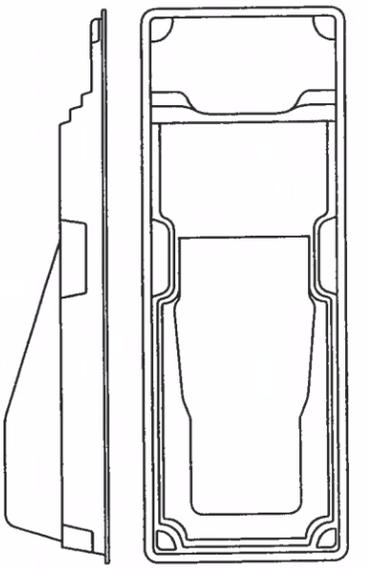
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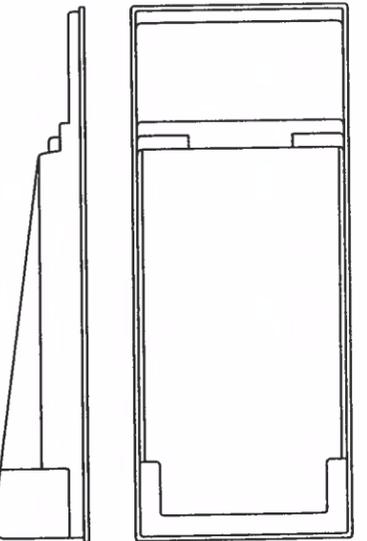
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GEORGIA

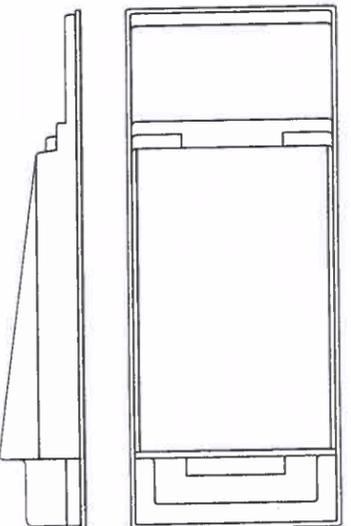
16' wide x 44' long
3'7" to 8'1" deep
18,684 Gal. Approx.

ROPE & FLOATS OFFSET 12" FROM TRANSITION WILL BE PROVIDED



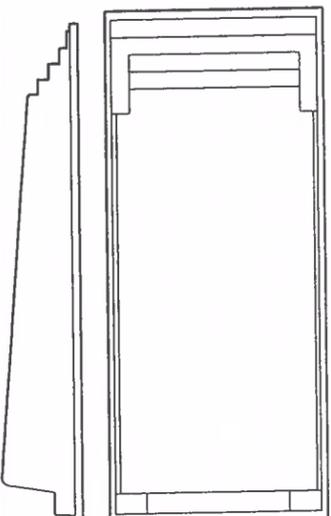
OHIO

16' wide x 40' long
3'6" to 6'10" deep
15,400 Gal. Approx.



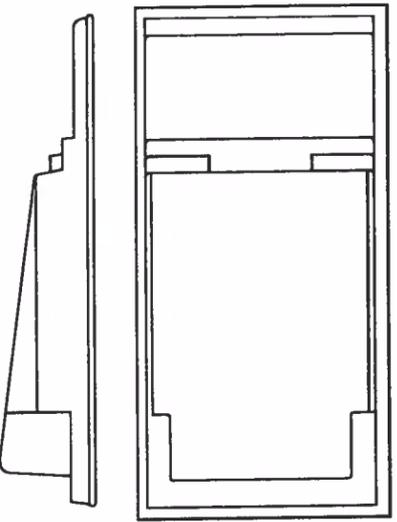
CALIFORNIA

16' wide x 40' long
3'6" to 6'10" deep
18,500 Gal. Approx.



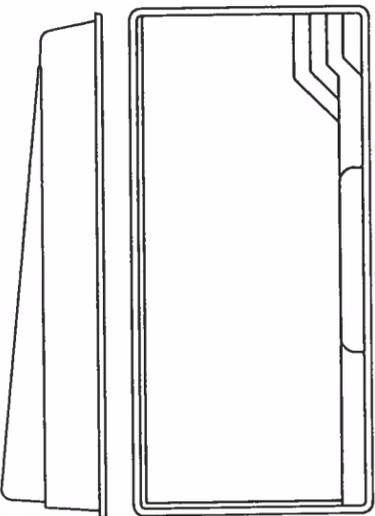
TENNESSEE

16' wide x 38' long
3'6" to 5'10" deep
17,500 Gal. Approx.



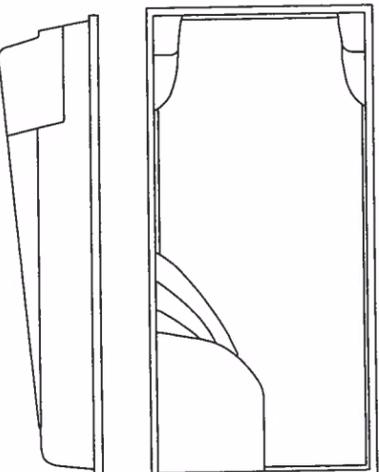
MAINE

14' wide x 30' long
3'6" to 5'10" deep
12,500 Gal. Approx.



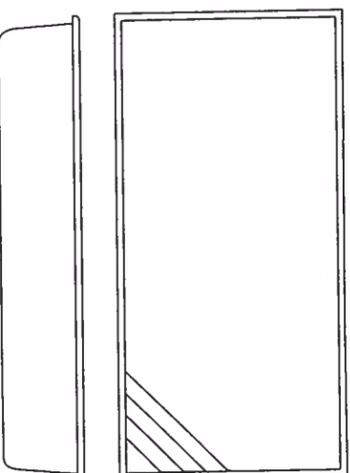
NEW HAMPSHIRE

14' wide x 30' long
3'6" to 6' deep
11,300 Gal. Approx.



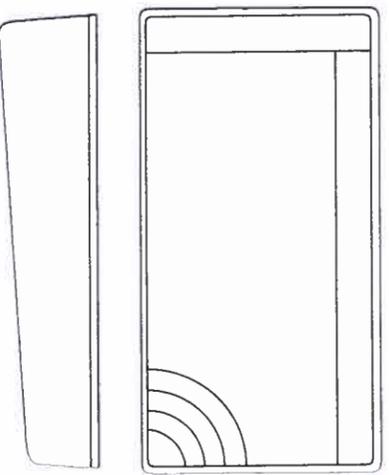
MASSACHUSETTS

12' wide x 26' long
3'6" to 5'6" deep
7,200 Gal. Approx.



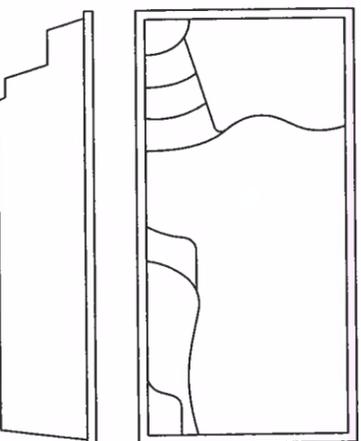
INDIANA

12' wide x 25' long
4'6" deep
5,500 Gal. Approx.



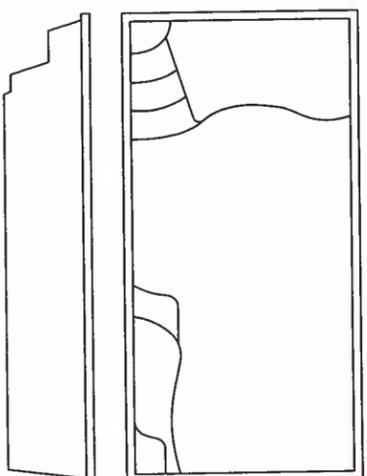
ILLINOIS

12' wide x 24' long
3'9" to 5'4" deep
4,750 Gal. Approx.



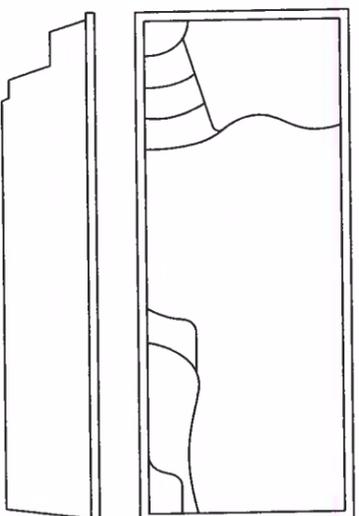
NEW MEXICO 20

10' wide x 20' long
4'4" deep
2,200 Gal. Approx.



NEW MEXICO 12

12' wide x 24' long
4'4" deep
3,000 Gal. Approx.



NEW MEXICO 24

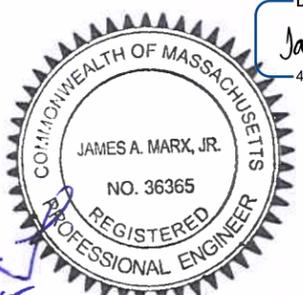
10' wide x 24' long
4'4" deep
2,500 Gal. Approx.

Project Name and Address

DocuSigned by:

James Marx

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John
4/1/25

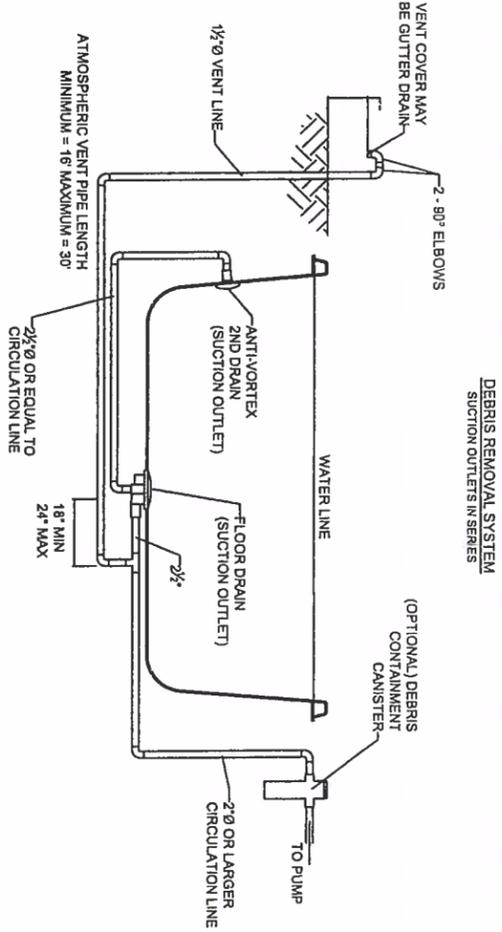
COMPOSITE POOLS USA

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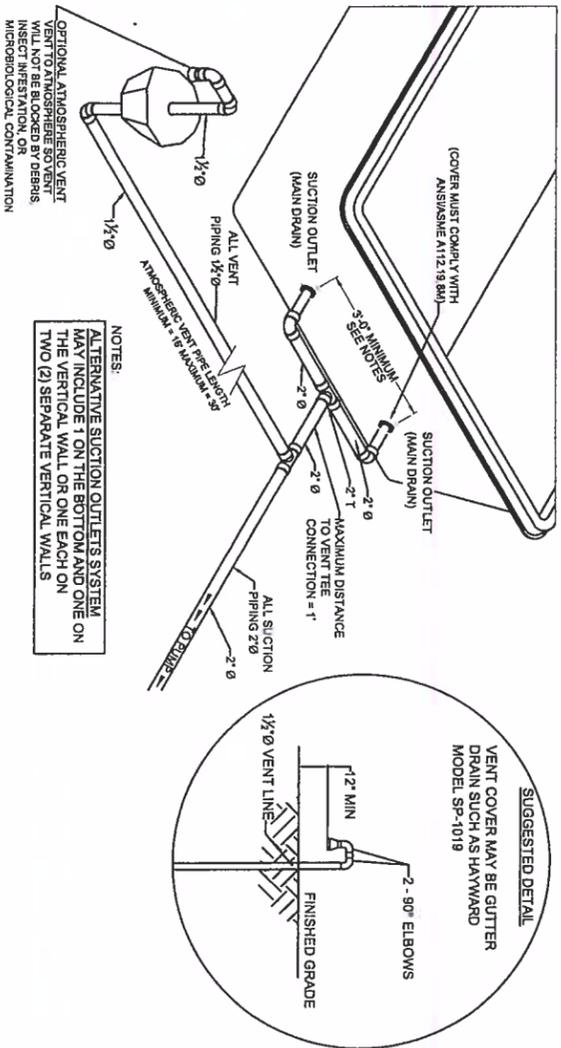
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GENERAL NOTES

1. THE DEBRIS REMOVAL SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH DRAIN MANUFACTURER'S RECOMMENDATIONS.
2. CONTRACTOR TO INSTALL VACUUM RELIEF BACKUP SYSTEM
3. ALL PIPING TO BE SCHEDULE 40 PVC BEARING NSF APPROVAL UNLESS OTHERWISE NOTED.
4. THE FLOOR DRAIN MEETS THE REQUIREMENTS OF ANSIS/ASSE A112.19.8-2007 AND DRAIN COVERS MEET THE REQUIREMENTS OF ANSIS/ASSE A112.19.8-2007 FOR ANTI-HAIR AND BODY ENTRAPMENT AND ANSIS/ASPE/ICC-7 2013 STANDARD.
5. THIS DRAWING WILL SUPPLEMENT CONTRACTOR'S SPECIFICATION DRAWING ON FILE. FOR METHODS AND MATERIALS OF CONSTRUCTION, REFER TO CONTRACTOR'S ENGINEERED AND SEALED SPECIFICATION DRAWING ON FILE WITH THE BUILDING DEPARTMENT.
6. ATTACH PLACARD WHICH STATES THAT VENT IS A SWIMMING POOL SAFETY DEVICE AND SHOULD NOT BE TAMPERED WITH.
7. THE MAXIMUM VACUUM WITH ONE SLUMP PLUGGED AND TO RELEASE A BODY ENTRAPMENT ON THE OTHER SLUMP WILL NOT EXCEED 4.5 INCHES OF MERCURY IN 3 SECONDS
8. MAXIMUM SUCTION PIPE VELOCITY SIX (6) FPS OR 59 GPM
9. AN APPROVED VACUUM RELEASE SYSTEM SUCH AS THE VAC-ALERT SVRS SYSTEM IS AN ALTERNATIVE TO THE OTHER SYSTEMS SHOWN

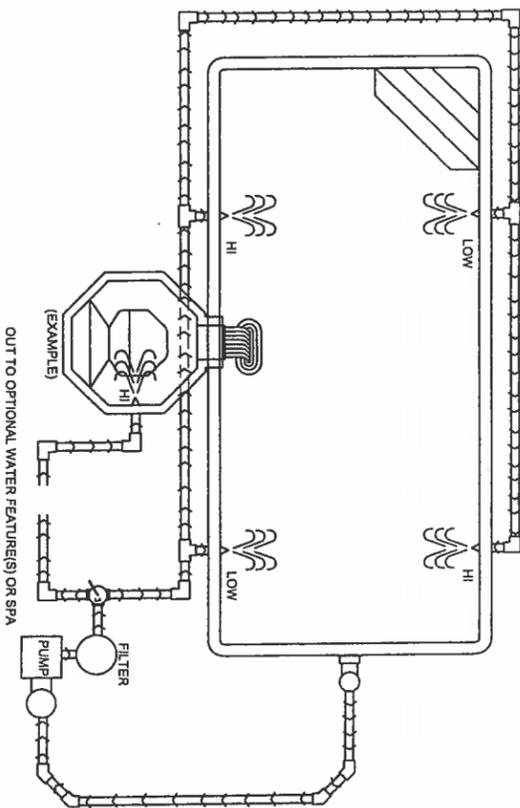
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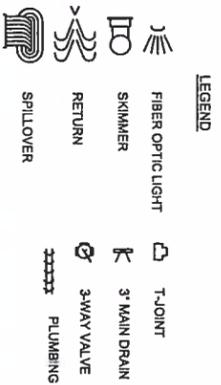
NOTES:
ALTERNATIVE SUCCTION OUTLETS SYSTEM MAY INCLUDE 1 ON THE BOTTOM AND ONE ON THE VERTICAL WALL OR ONE EACH ON TWO (2) SEPARATE VERTICAL WALLS

DUAL SUCCTION OUTLETS IN PARALLEL WITH OPTIONAL ATMOSPHERIC VENT SYSTEM

SWIMMING POOL WITHOUT RECIRCULATION MAIN DRAINS



- STANDARD NOTES:**
1. USE 2\"/>



Project Name and Address

DocuSigned by:

James Marx

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James Marx
4/12/25



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