



Imperial
POOLS INC.
REDEFINING ONE SOURCE

UNIVERSAL POLYMER SPEC BOOK

42" Panel

- Assembly Drawings and Guidelines
- Coping Layouts (*CP2 and Progressive*)
- Deck Square Footage Chart
- Dig Specifications
- Panel Layouts

2026

*Pool components manufactured by Imperial Pools, Inc.
are intended for private residential use only.*

WARNINGS TO INSTALLER



CAUTION

**CARE SHOULD BE TAKEN WHEN INSTALLING
A POOL. SERIOUS INJURY CAN OCCUR IF PROPER
PRECAUTIONS ARE NOT TAKEN DURING INSTALLATION.**

A safety package should be provided with the pool. Its contents should be reviewed with the pool owner. The package should include a pool safety sign, "NO DIVING" decals and placement instructions, the Pool & Hot Tub Association's Minimum Standards for Residential Swimming Pools, and safety booklets such as: the Sensible Way to Enjoy Your Inground Swimming Pool, Greg Lougainis on Diving, and Children Aren't Waterproof. You may obtain a safety package by contacting:

Customer Service
33 Wade Road
Latham, NY 12110
(518) 786-1200

The installer should place all warnings according to the manufacturer's instructions prior to use of this pool.

NOTICE: It is not recommended to use diving and/or sliding equipment on residential pools. Such equipment, its installation, and use is the responsibility of the pool owner.

These pools are designed for private, residential use only. If this is not a private, residential pool, you should contact your local building department and the Pool & Hot Tub Association for standards relevant to its use, since they may be quite different.

**The Pool & Hot Tub Association
1650 King St., Ste. 602
Alexandria, VA 22314**

For Pool Regulations and Standards refer to your Installation Manual-APSP Standards for Residential Swimming Pools.

WARNINGS TO POOL OWNER

Before using your pool, the dealer and/or installer should provide you with a safety package which should include a pool safety sign, "NO DIVING" decals and placement instructions, the Pool & Hot Tub Association's Minimum Standards for Residential Swimming Pools, and the following pool safety booklets:

1. The Sensible Way to Enjoy Your Inground Swimming Pool.
2. Greg Lougainis on Diving - Knowing How to Dive Can Be Worth More Than Gold. It Can Be Worth Your Life.
3. Children Aren't Waterproof.

A safety package can be obtained by contacting:

Customer Service
33 Wade Road
Latham, NY 12110
(518) 786-1200



WARNING



**DIVING OR JUMPING
INTO POOL MAY RESULT
IN SERIOUS INJURY**

Swimming & Diving Safety

Imperial does not recommend the use of diving and/or sliding equipment on residential pools. If you choose to dive, a thorough familiarity with the pool bottom, awareness of depths, and understanding of the principles of head-first entry into the water are critical factors in safe diving.

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TO VIEW COMPLETE ASSEMBLY DRAWINGS AND INSTALLATION GUIDELINES FOR POLYMER NEXUS OPEN TOP SPECIAL FEATURES.

- STAIRS- CORNER, RADIUS, ROMAN AND STRAIGHT
 - STAIRS WITH VARIABLE SUNDECKS
 - SIDE BY SIDES- STAIRS/SUNDECKS
 - CUDDLE COVES AND BENCHES

SEE SEPARATE 42" AND 48" POLYMER PANEL FEATURES SPEC BOOK



POLYMER
POOL SYSTEM

January
2026

12' x 24' 6" Radius & 90° Rectangle

Perimeter	72'-0" / 21.94 m	page 1 of 1
Surface Area	288.00 SF / 26.76 m ²	
Volume	8100 gal / 30430 L	
Liner Sq. Ft.	288.00 SF	

ITEM #	PART DESCRIPTION	No Step	Plastic End Step	NSS033 - RIGHT	NSS033 - LEFT	NSS034 - CENTER END
42101	1' PLAIN PANEL			1	1	4
42102	2' PLAIN PANEL		2	1	1	
42108	3' PLAIN PANEL			2	2	
42106	4' PLAIN PANEL	5	5	5	5	7
42106S	4' SKIMMER PANEL	1	1	1	1	1
42107	6' PLAIN PANEL w/ RETURN	8	6	7	7	6
42145	90° POLYMER CORNER FILLER	4	4	5	5	5
42146	BRACE SYSTEM COMPLETE	26	25	30	30	32
07418SNR	8' STEP & REST		1			
148838	3/8"-16X HEX BOLT		12*			
149664	3/8"-16 HEX NUT		12*			
86151	CHANNEL-LOC SONOTUBE					
42106L	4' STANDARD LIGHT PANEL					
42150	INSIDE EL FILLER 1' X 2'			1	1	2

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

ITEM #	PART DESCRIPTION	(4)	(4)	(5)	(5)	(6)
GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT					
NSS033	6' NEXUS STEP			1	1	
NSS034	8' NEXUS STEP					1

* - Use Bolts at Step Connection

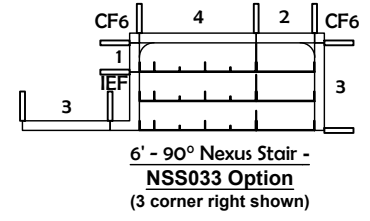
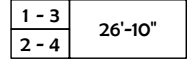
NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

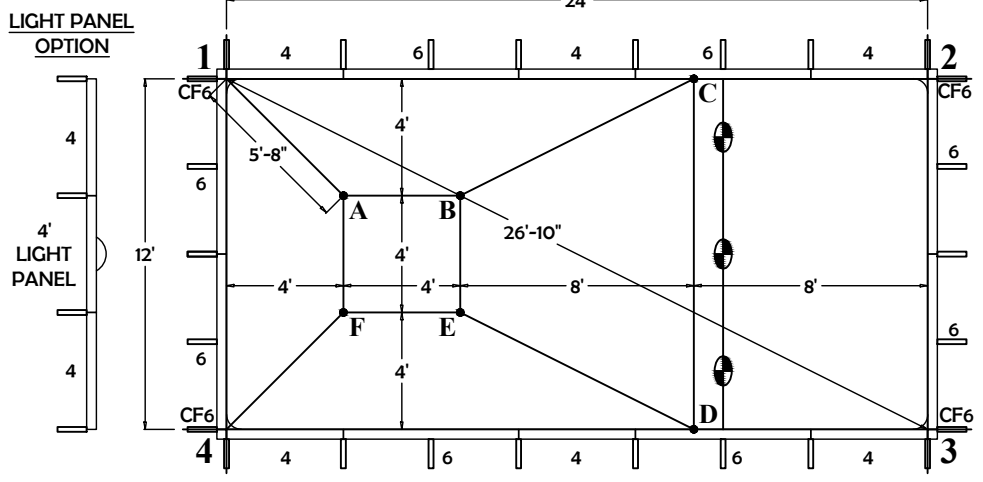
- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	5'-8"	4 - F
1 - B	8'-11 1/4"	4 - E
1 - C	16'	4 - D
1 - D	20'	4 - C
1 - E	11'-3 3/4"	4 - B
1 - F	8'-11 1/4"	4 - A

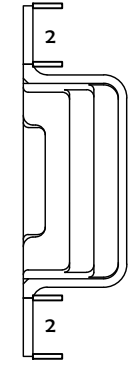


2 - A	20'-4 3/4"	3 - F
2 - B	16'-6"	3 - E
2 - C	8'	3 - D
2 - D	14'-5"	3 - C
2 - E	17'-10 3/4"	3 - B
2 - F	21'-6 1/2"	3 - A

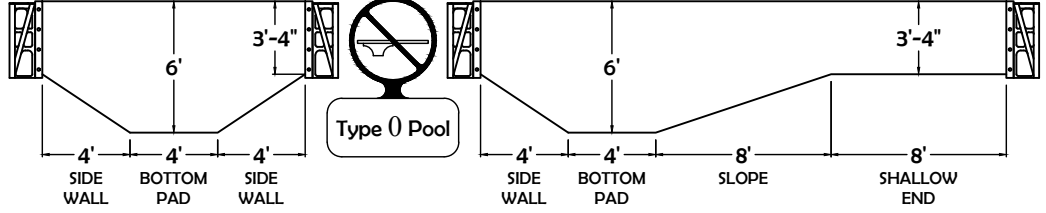
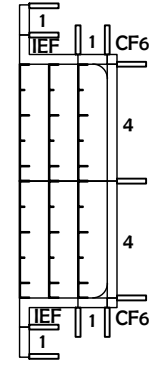
LIGHT PANEL OPTION



8' STEP & REST OPTION



8' - 90° Nexus Stair - NSS034 OPTION



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

12' x 24' w/ Full End Nexus Stair 6"Radius & 90° Rectangle

Perimeter	72'-0" / 21.94 m	page 1 of 1
Surface Area	288.00SF / 26.76 m ²	
Volume	8100 gal / 30430 L	
Liner Sq. Ft.	288.00 SF	

ITEM #	PART DESCRIPTION	No Step	NSS027- Full End Step
42106	4' PLAIN PANEL	5	8
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	8	6
42145	90° POLYMER CORNER FILLER	4	4
42146	BRACE SYSTEM COMPLETE	26	25
86151	CHANNEL-LOC SONOTUBE		
42102L	2' STANDARD LIGHT PANEL		
NSS027	12' FULL END NEXUS STEP	1	

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)
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NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

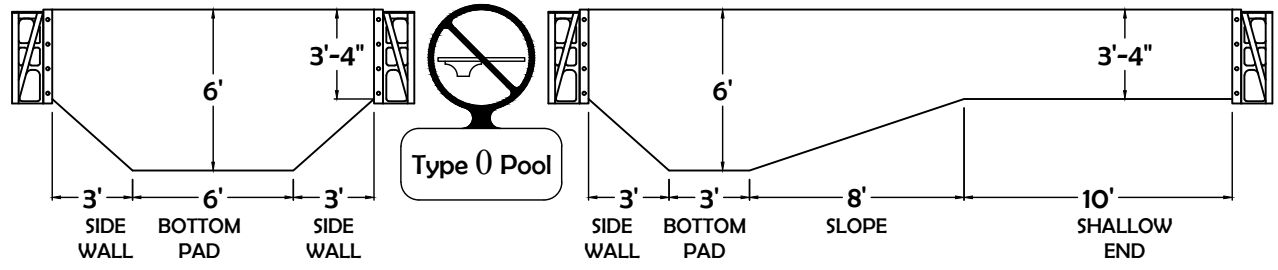
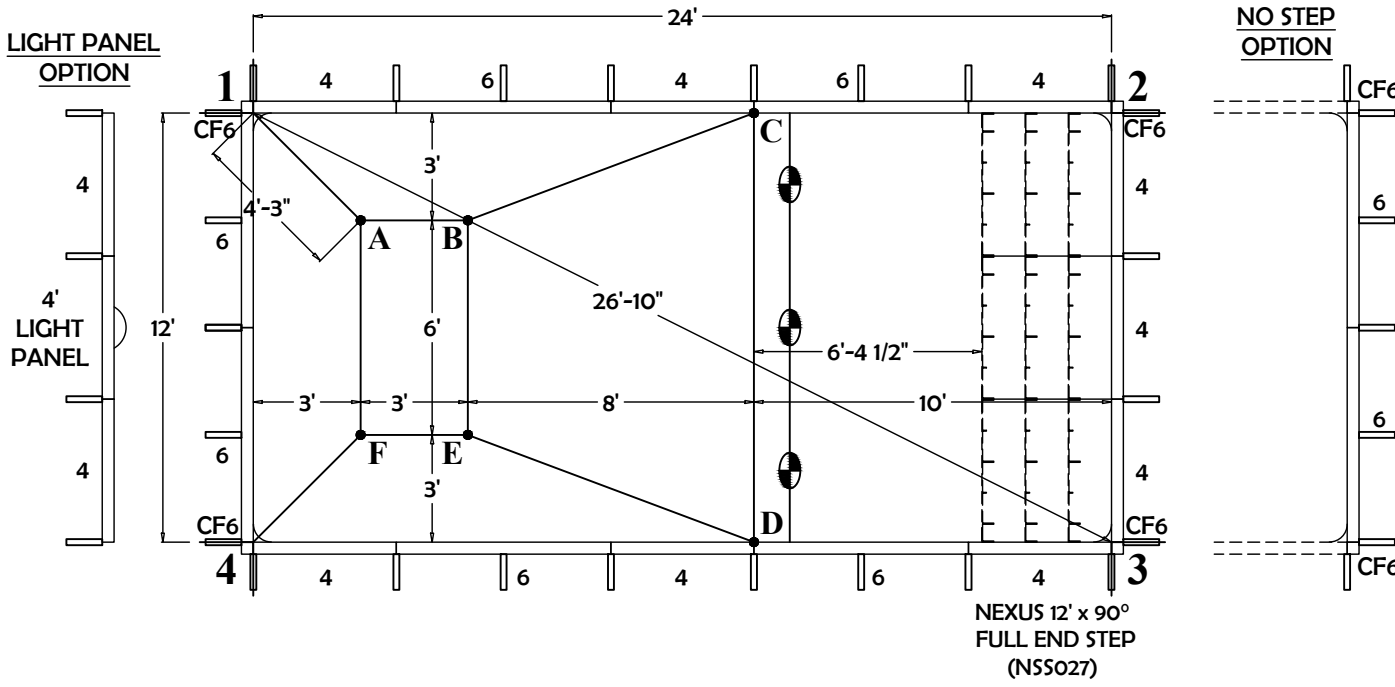
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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	4'-3"	4 - F
1 - B	6'-8 1/2"	4 - E
1 - C	14'	4 - D
1 - D	18'-5 1/4"	4 - C
1 - E	10'-9 3/4"	4 - B
1 - F	9'-5 3/4"	4 - A

1 - 3	26'-10"
2 - 4	

2 - A	21'-2 1/2"	3 - F
2 - B	18'-3"	3 - E
2 - C	10'	3 - D
2 - D	15'-7 1/2"	3 - C
2 - E	20'-1 1/2"	3 - B
2 - F	22'-10 1/4"	3 - A

LIGHT PANEL OPTION



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)

Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

14' x 28' 6" Radius & 90° Rectangle

Perimeter	84'-0" / 25.60 m	page 1 of 1
Surface Area	392.00 SF / 36.42 m ²	
Volume	12200 gal / 45940 L	
Liner Sq. Ft.	392.00 SF	

ITEM #	PART DESCRIPTION	No Step	Plastic End Step	NSS033 - RIGHT	NSS033 - LEFT	NSS034 - CENTER END
42101	1' PLAIN PANEL			2	2	2
42102	2' PLAIN PANEL			1	1	2
42108	3' PLAIN PANEL		2	1	1	
42106	4' PLAIN PANEL	5	3	7	7	5
42106S	4' SKIMMER PANEL	1	1	1	1	1
42107	6' PLAIN PANEL w/ RETURN	10	9	8	8	9
42145	90° POLYMER CORNER FILLER	4	4	5	5	6
42146	BRACE SYSTEM COMPLETE	30	29	34	34	36
07418SNR	8' STEP & REST		1			
148838	3/8"-16X HEX BOLT		12*			
149664	3/8"-16 HEX NUT		12*			
86151	CHANNEL-LOC SONOTUBE					
42102L	2' STANDARD LIGHT PANEL					
42150	INSIDE EL FILLER 1' X 2'			1	1	2

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

ITEM #	PART DESCRIPTION	(4)	(4)	(5)	(5)	(6)
GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)	(5)	(5)	(6)
NSS033	6' NEXUS STEP			1	1	
NSS034	8' NEXUS STEP					1

* - Use Bolts at Step Connection

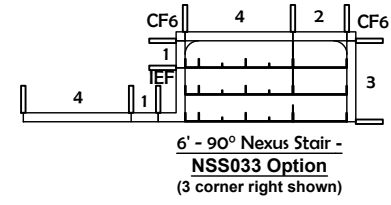
NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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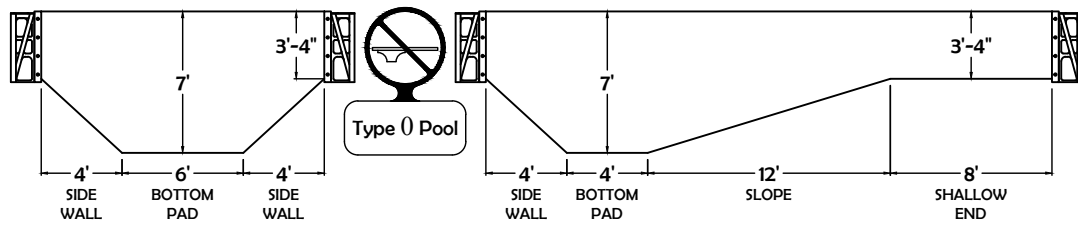
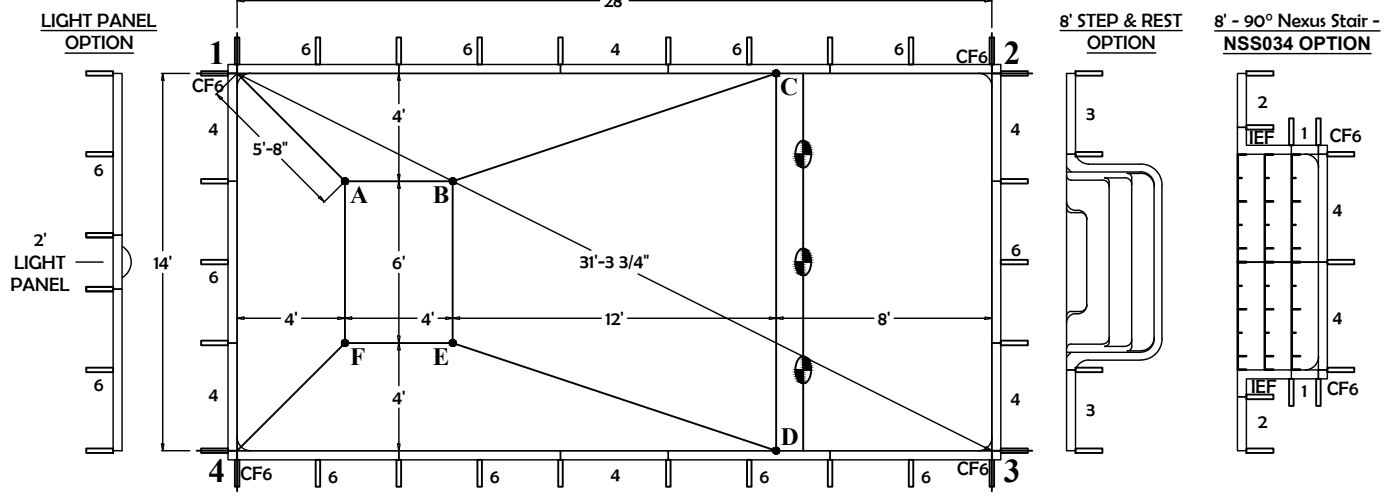
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- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance is to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	5'-8"	4 - F
1 - B	8'-11 1/4"	4 - E
1 - C	20'	4 - D
1 - D	24'-5"	4 - C
1 - E	12'-9 3/4"	4 - B
1 - F	10'-9 1/4"	4 - A

1 - 3	31'-3 3/4"
2 - 4	



2 - A	24'-4"	3 - F
2 - B	20'-4 3/4"	3 - E
2 - C	8'	3 - D
2 - D	16'-1 1/2"	3 - C
2 - E	22'-4 1/4"	3 - B
2 - F	26'	3 - A



Type 0 Pool

CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

14' x 28' w/ Full End Nexus Stair 6"Radius & 90° Rectangle

Perimeter	84'-0" / 25.60 m
Surface Area	392.00 SF / 36.42 m ²
Volume	12200 gal / 45940 L
Liner Sq. Ft.	392.00 SF

page
1 of 1

ITEM #	PART DESCRIPTION	No Step	NSS028 - Full End Step
42105	3'6" PLAIN PANEL		4
42106	4' PLAIN PANEL	5	3
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	10	9
42145	90° POLYMER CORNER FILLER	4	4
42146	BRACE SYSTEM COMPLETE	30	30
86151	CHANNEL-LOC SONOTUBE		
42102L	2' STANDARD LIGHT PANEL		
NSS028	14' FULL END NEXUS STEP		1

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)
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* - Use Bolts at Step Connection

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

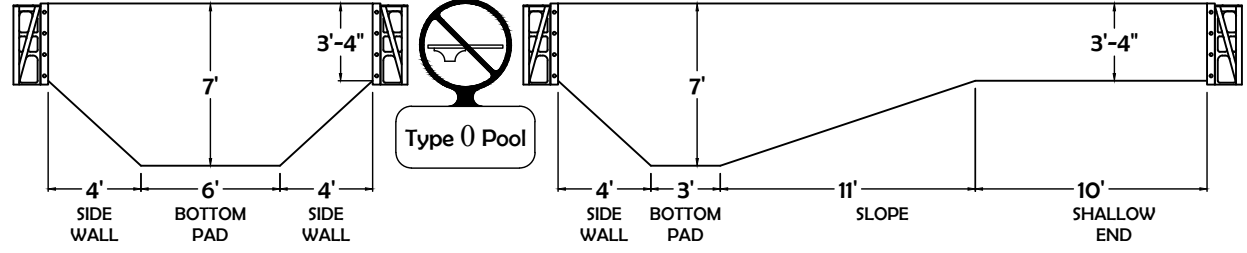
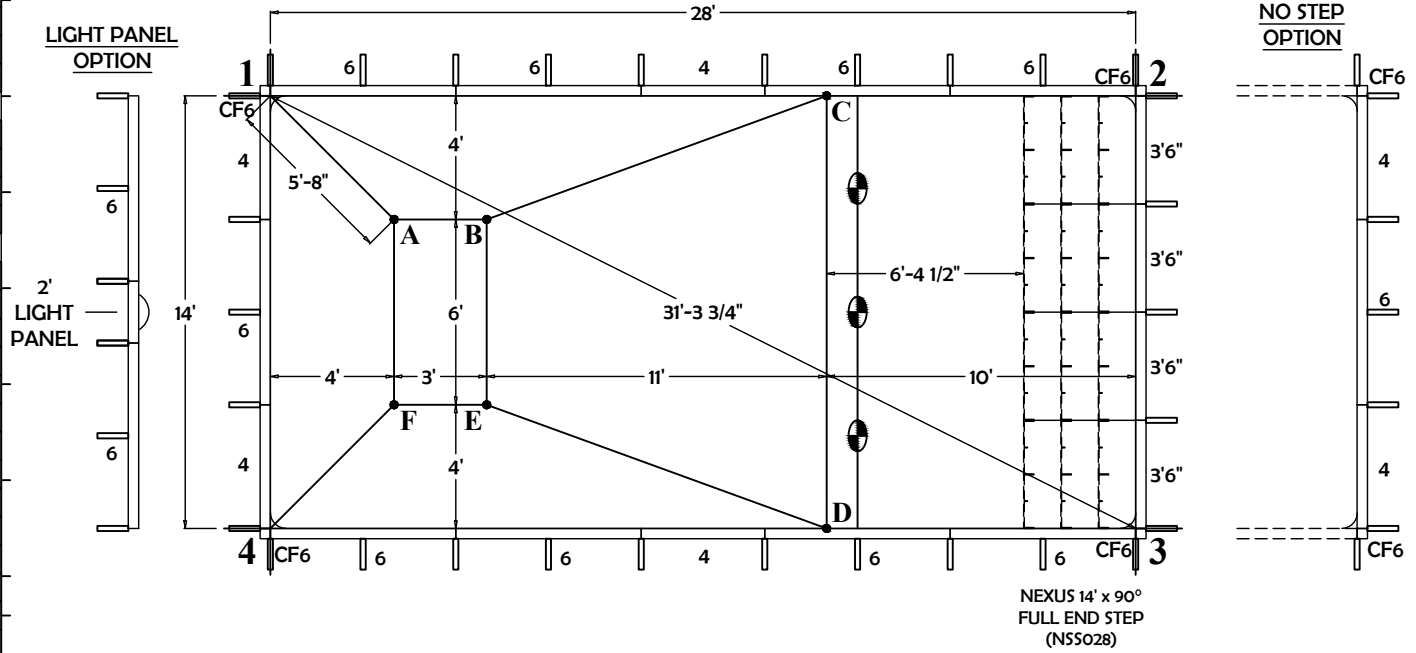
WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

1 - A	5'-8"	4 - F
1 - B	8'-0 3/4"	4 - E
1 - C	18'	4 - D
1 - D	22'-9 3/4"	4 - C
1 - E	12'-2 1/2"	4 - B
1 - F	10'-9 1/4"	4 - A

1 - 3	31'-3 3/4"
2 - 4	

2 - A	24'-4"	3 - F
2 - B	21'-4 1/2"	3 - E
2 - C	10'	3 - D
2 - D	17'-2 1/2"	3 - C
2 - E	23'-3"	3 - B
2 - F	26'	3 - A



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

16' x 32' 6"Radius & 90° Rectangle

Perimeter	96'-0" / 29.26 m	page 1 of 1
Surface Area	512.00 SF / 47.6 m ²	
Volume	17900 gal / 67700 L	
Liner Sq. Ft.	512.00 SF	

ITEM #	PART DESCRIPTION	No Step	Plastic End Step	NSS033 - RIGHT	NSS033 - LEFT	NSS034 - CENTER END
42101	1' PLAIN PANEL			1	1	2
42102	2' PLAIN PANEL			1	1	
42108	3' PLAIN PANEL			2	2	2
42106	4' PLAIN PANEL	5	6	5	5	6
42106S	4' SKIMMER PANEL	1	1	1	1	1
42107	6' PLAIN PANEL w/ RETURN	12	10	11	11	10
42145	90° POLYMER CORNER FILLER	4	4	5	5	6
42146	BRACE SYSTEM COMPLETE	34	32	38	38	39
07418SNR	8' STEP & REST	1				
148838	3/8"-16X HEX BOLT		12*			
149664	3/8"-16 HEX NUT		12*			
86151	CHANNEL-LOC SONOTUBE					
42106L	4' STANDARD LIGHT PANEL					
42150	INSIDE EL FILLER 1' X 2'			1	1	2

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6'R corners only

ITEM #	PART DESCRIPTION	(4)	(4)	(5)	(5)	(6)
GLAUC4442NT	DIAG 6'R FOAM CORNER INSERT					
NSS033	6' NEXUS STEP			1	1	
NSS034	8' NEXUS STEP					1

* - Use Bolts at Step Connection

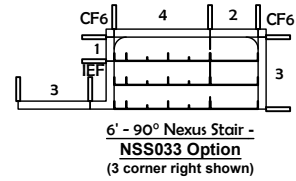
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISDSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISDSC CODE

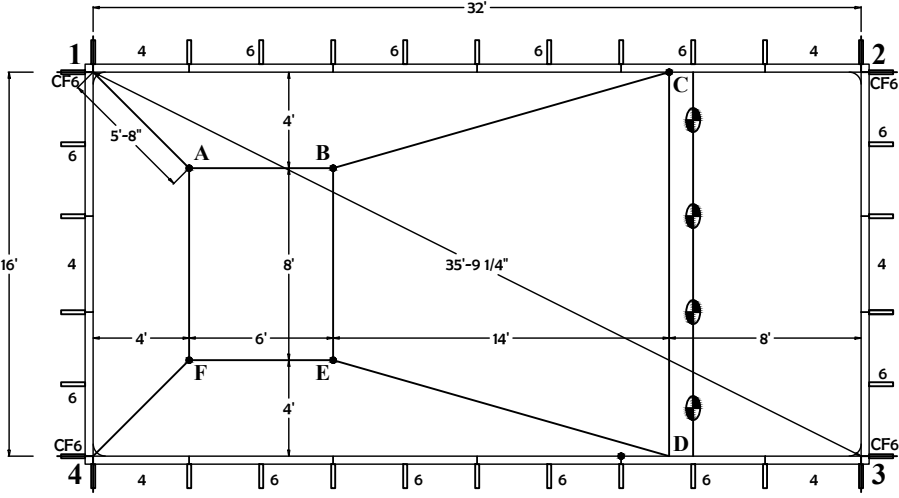
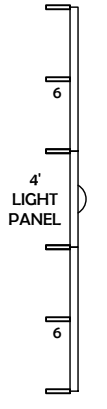
1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

1 - 3	35'-9 1/4"
2 - 4	

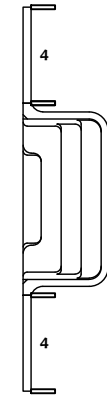


2 - A	28'-3 1/2"	3 - F
2 - B	22'-4 1/4"	3 - E
2 - C	8'	3 - D
2 - D	17'-10 3/4"	3 - C
2 - E	25'-0 3/4"	3 - B
2 - F	30'-5 1/2"	3 - A

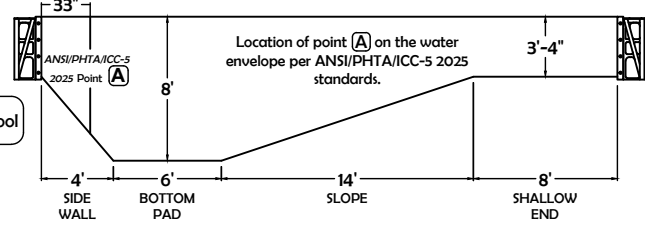
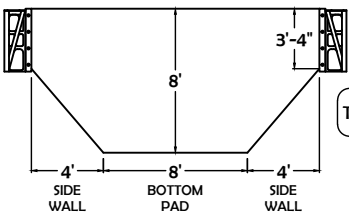
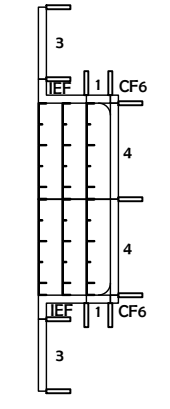
LIGHT PANEL OPTION



8' STEP & REST OPTION



8' - 90° Nexus Stair - NSS034 OPTION



CF6 -- 90° CORNER FILLER W/ 6'R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6'R corners. For 90° corner layouts, DO NOT order/install the 6'R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6'R) are desired when ordering both pool and liner

16' x 32' w/ Full End Nexus Stair 6"Radius & 90° Rectangle

Perimeter	96'-0" / 29.26 m
Surface Area	512.00 SF / 47.6 m ²
Volume	17900 gal / 67700 L
Liner Sq. Ft.	512.00 SF

page
1 of 1

No Step

NSS012- Full End Step

ITEM #	PART DESCRIPTION	No	Step
42106	4' PLAIN PANEL	5	8
42106S	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	12	10
42145	90° POLYMER CORNER FILLER	4	4
42146	BRACE SYSTEM COMPLETE	34	33
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		
NSS012	16' FULL END NEXUS STEP	1	

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

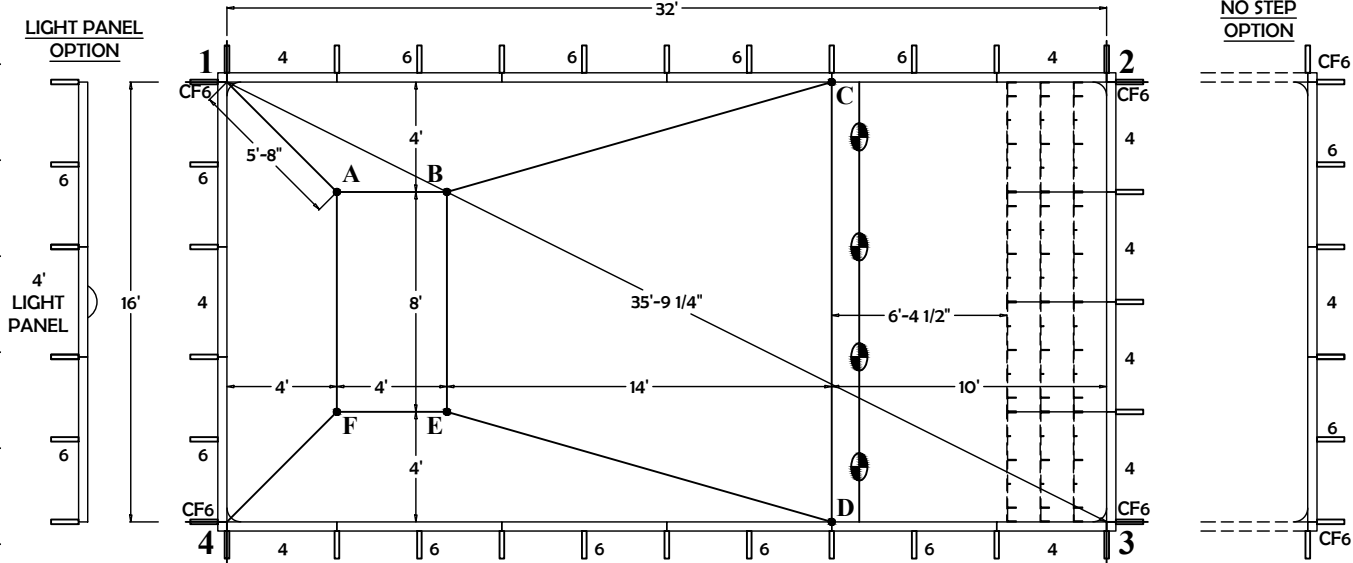
GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)
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1 - A	5'-8"	4 - F
1 - B	8'-11 1/4"	4 - E
1 - C	22'	4 - D
1 - D	27'-2 1/2"	4 - C
1 - E	14'-5"	4 - B
1 - F	12'-7 3/4"	4 - A

1 - 3	35'-9 1/4"
2 - 4	

2 - A	28'-3 1/2"	3 - F
2 - B	24'-4"	3 - E
2 - C	10'	3 - D
2 - D	18'-10 1/2"	3 - C
2 - E	26'-10"	3 - B
2 - F	30'-5 1/2"	3 - A

LIGHT PANEL
OPTION



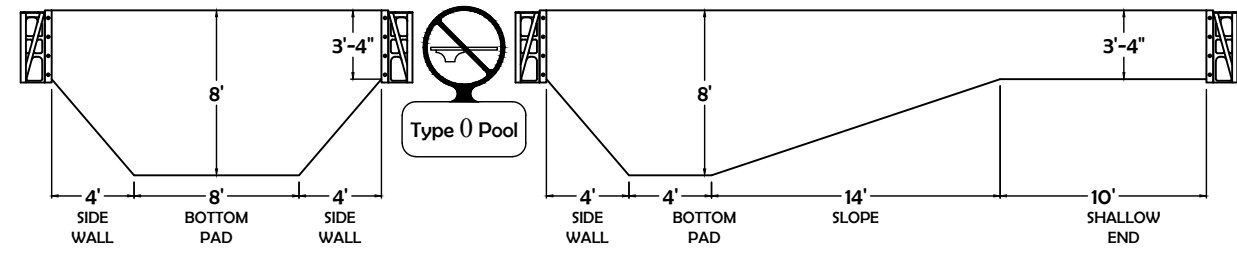
NO STEP
OPTION

NEXUS 16' x 90°
FULL END STEP
(NSS012)

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)

Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

16' x 36' 6" Radius & 90° Rectangle

Perimeter	104'-0" / 31.70 m	page 1 of 1
Surface Area	576.00 SF / 53.51 m ²	
Volume	19300 gal / 73000 L	
Liner Sq. Ft.	576.00 SF	

ITEM #	PART DESCRIPTION	No Step	Plastic End Step	Plastic Side Step	NSS034 - LEFT or RIGHT	NSS034 - CENTER END
42101	1' PLAIN PANEL				2	2
42102	2' PLAIN PANEL		1			
42108	3' PLAIN PANEL			1	1	2
42106	4' PLAIN PANEL	4	5	6	5	5
42106S	4' SKIMMER PANEL	1	1	1	1	1
42107	6' PLAIN PANEL w/ RETURN	14	12	11	13	12
42145	90° POLYMER CORNER FILLER	4	4	4	5	6
42146	BRACE SYSTEM COMPLETE	37	35	35	41	42
07418SNR	8' STEP & REST		1	1		
148838	3/8"-16X HEX BOLT		12*	12*		
149664	3/8"-16 HEX NUT		12*	12*		
86151	CHANNEL-LOC SONOTUBE					
42106L	4' STANDARD LIGHT PANEL					
42150	INSIDE EL FILLER 1' X 2'				1	2

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)	(4)	(5)	(6)
NSS033	6' NEXUS STEP				1	
NSS034	8' NEXUS STEP					1

* - Use Bolts at Step Connection

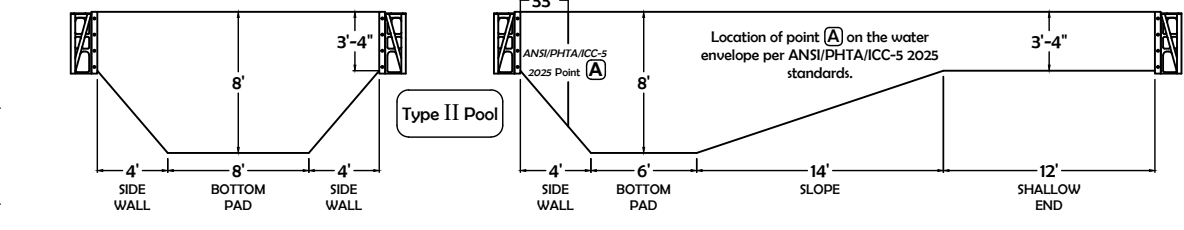
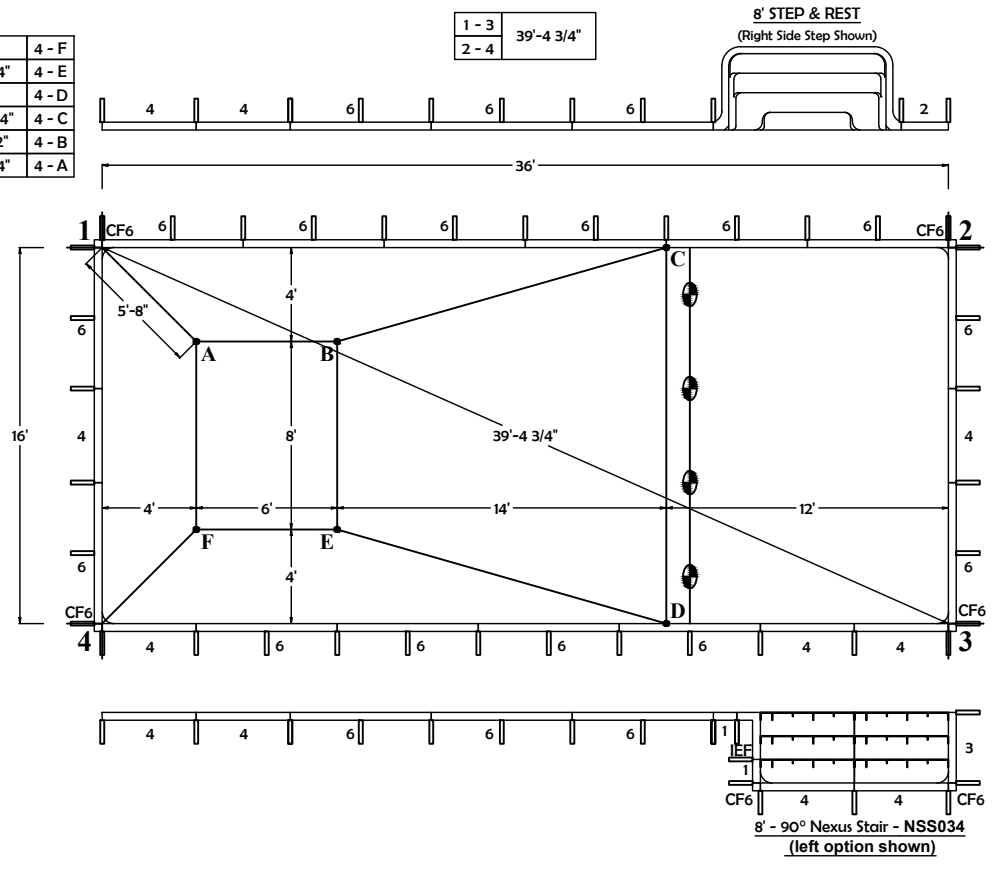
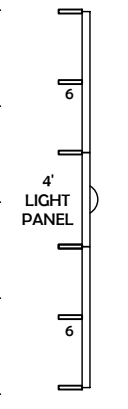
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS& ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

LIGHT PANEL OPTION



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

16' x 36' w/ Full End Nexus Stair 6"Radius & 90° Rectangle

Perimeter	104'-0" / 31.70 m	page 1 of 1
Surface Area	576.00 SF / 53.51 m ²	
Volume	19300 gal / 73000 L	
Liner Sq. Ft.	576.00 SF	

No Step
NSS012- Full End Step

ITEM #	PART DESCRIPTION	No Step	NSS012- Full End Step
42106	4' PLAIN PANEL	4	7
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	14	12
42145	90° POLYMER CORNER FILLER	4	4
42146	BRACE SYSTEM COMPLETE	37	36
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		
NSS012	16' FULL END NEXUS STEP	1	

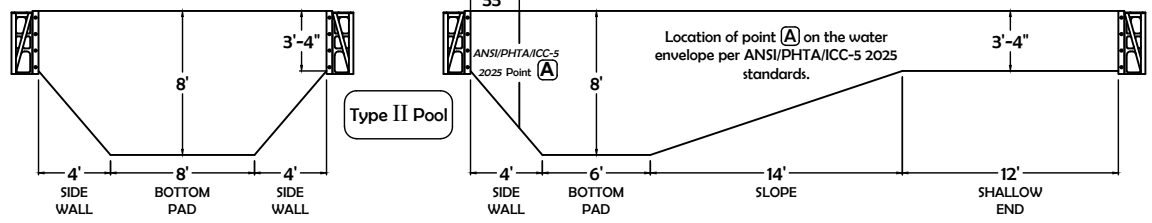
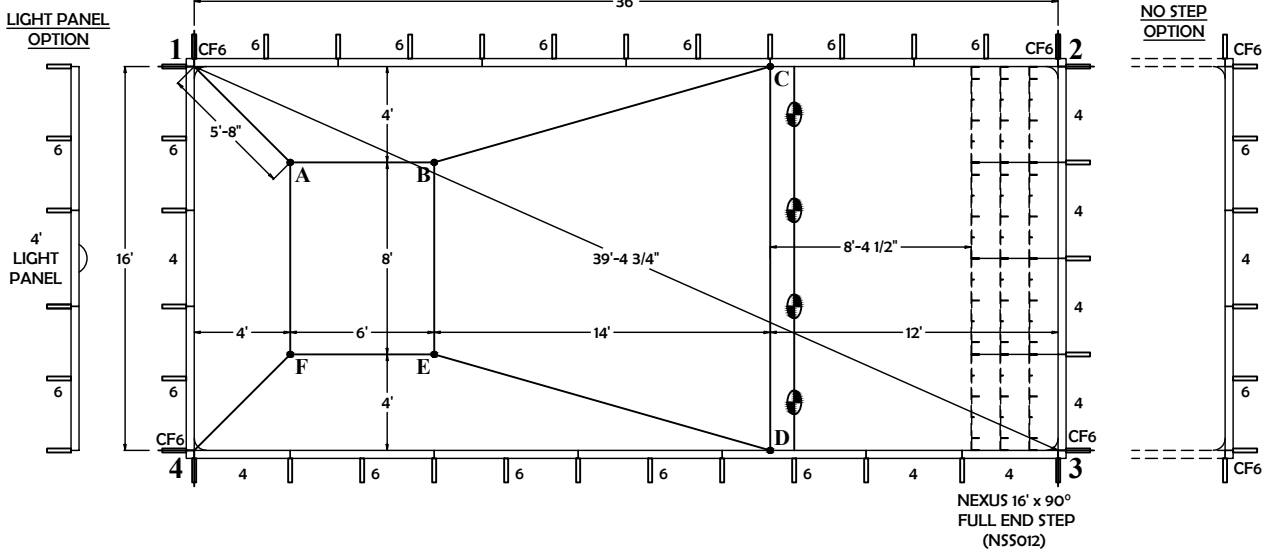
**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)
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1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

1 - 3	39'-4 3/4"
2 - 4	

2 - A	32'-3"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	20'	3 - C
2 - E	28'-7 3/4"	3 - B
2 - F	34'-2"	3 - A



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISDPC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISDPC CODE

CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

18' x 36' 6"Radius & 90° Rectangle

Perimeter	108'-0" / 32.91 m	page 1 of 1
Surface Area	648.00 SF / 60.20 m ²	
Volume	21900 gal / 82900 L	
Liner Sq. Ft.	648.00 SF	

ITEM #	PART DESCRIPTION	No Step	Plastic End Step	Plastic Side Step	NSS034 - LEFT or RIGHT	NSS034 - CENTER END
42101	1' PLAIN PANEL		2	2	2	2
42102	2' PLAIN PANEL			1		
42108	3' PLAIN PANEL				1	
42106	4' PLAIN PANEL	2	4	4	3	6
42106S	4' SKIMMER PANEL	1	1	1	1	1
42107	6' PLAIN PANEL w/ RETURN	16	13	13	15	13
42145	90° POLYMER CORNER FILLER	4	4	4	5	6
42146	BRACE SYSTEM COMPLETE	39	38	37	43	43
07418SNR	8' STEP & REST		1	1		
148838	3/8"-16X HEX BOLT		12*	12*		
149664	3/8"-16 HEX NUT		12*	12*		
86151	CHANNEL-LOC SONOTUBE					
42102L	2' STANDARD LIGHT PANEL					
42150	INSIDE EL FILLER 1' X 2'				1	2

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6'R corners only

GLAUC4442NT	DIAG 6'R FOAM CORNER INSERT	(4)	(4)	(4)	(5)	(6)
NSS033	6' NEXUS STEP				1	
NSS034	8' NEXUS STEP					1

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS& ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

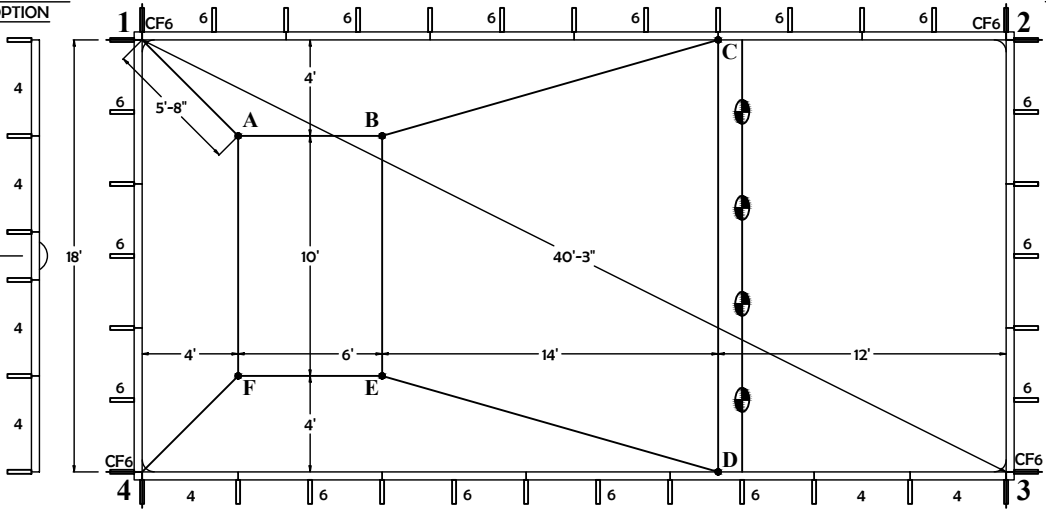
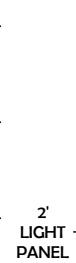
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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS& CODE

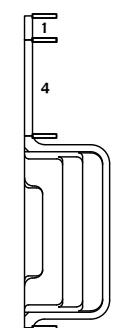
1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24"	4 - D
1 - D	30"	4 - C
1 - E	17'-2 1/2"	4 - B
1 - F	14'-6 3/4"	4 - A

1 - 3	40'-3"
2 - 4	

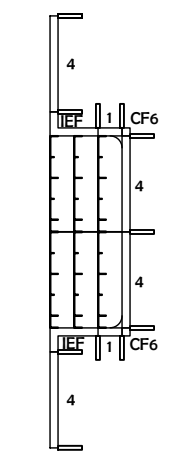
LIGHT PANEL OPTION



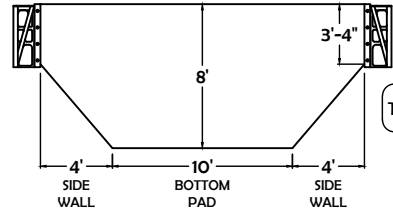
8' STEP & REST OPTION



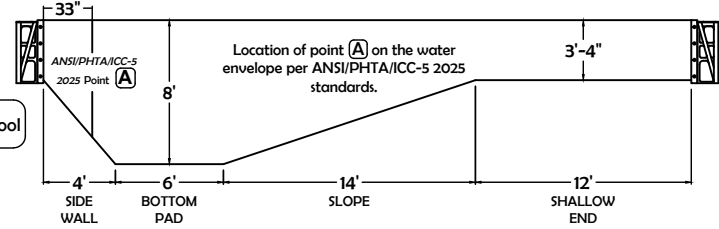
8' - 90° Nexus Stair - NSS034 OPTION



8' - 90° Nexus Stair - NSS034 (left option shown)



Type II Pool



CF6 -- 90° CORNER FILLER W/ 6'R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6'R corners. For 90° corner layouts, DO NOT order/install the 6'R foam insert (GLAUC4442NT)

Installer MUST specify what type of corners (90° OR 6'R) are desired when ordering both pool and liner

18' x 36' w/ Full End Nexus Stair 6"Radius & 90° Rectangle

Perimeter	108'-0" / 32.91 m	page 1 of 1
Surface Area	648.00 SF / 60.20 m ²	
Volume	21900 gal / 82900 L	
Liner Sq. Ft.	648.00 SF	

No Step
NSS013- Full End Step

ITEM #	PART DESCRIPTION	No Step	NSS013- Full End Step
42105	3'6" PLAIN PANEL	4	3
42106	4' PLAIN PANEL	2	3
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	16	13
42145	90° POLYMER CORNER FILLER	4	4
42146	BRACE SYSTEM COMPLETE	39	38
86151	CHANNEL-LOC SONOTUBE		
42102L	2' STANDARD LIGHT PANEL		
NSS013	18' FULL END NEXUS STEP	1	

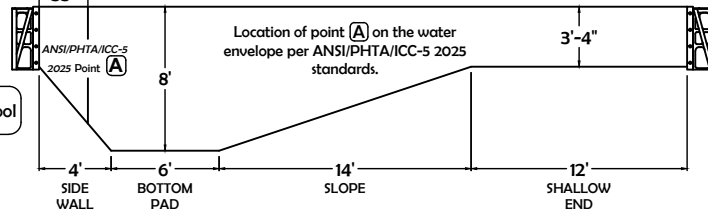
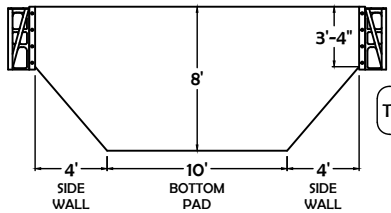
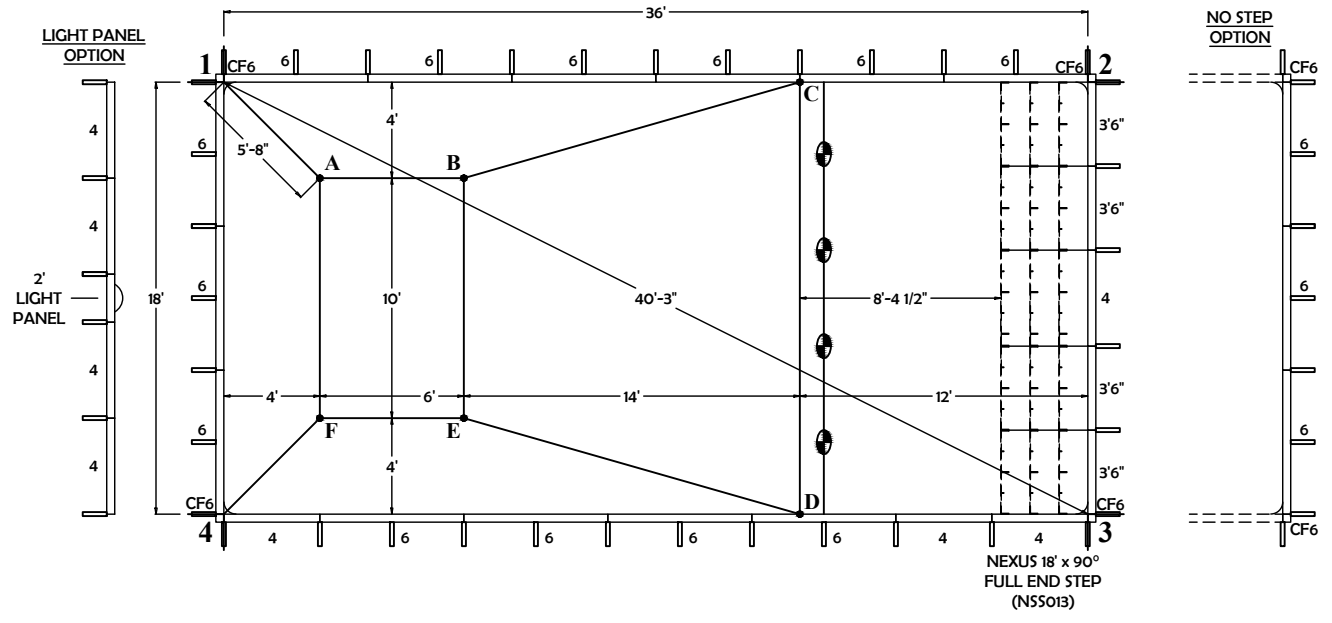
**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)
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1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	30'	4 - C
1 - E	17'-2 1/2"	4 - B
1 - F	14'-6 3/4"	4 - A

1 - 3
2 - 4 40'-3"

2 - A	32'-3"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	21'-7 1/2"	3 - C
2 - E	29'-6 1/4"	3 - B
2 - F	34'-11 1/4"	3 - A



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISDSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISDSC CODE

CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)

Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

20' x 40' 6" Radius & 90° Rectangle

Perimeter	120'-0" / 36.57 m	page 1 of 1
Surface Area	800.00 SF / 74.32 m ²	
Volume	28500 gal / 108000 L	
Liner Sq. Ft.	800.00 SF	

ITEM #	PART DESCRIPTION	No Step	Plastic End Step	Plastic Side Step	NSS034 - LEFT or RIGHT	NSS034 - CENTER END
42101	1' PLAIN PANEL				2	4
42102	2' PLAIN PANEL		1			
42108	3' PLAIN PANEL			1		
42106	4' PLAIN PANEL	4	2	6	5	6
42106S	4' SKIMMER PANEL	2	2	2	2	2
42107	6' PLAIN PANEL w/ RETURN	16	16	13	15	14
42145	90° POLYMER CORNER FILLER	4	4	4	5	6
42146	BRACE SYSTEM COMPLETE	42	41	40	47	48
07418SNR	8' STEP & REST	1	1			
148838	3/8"-16X HEX BOLT		12*	12*		
149664	3/8"-16 HEX NUT		12*	12*		
86151	CHANNEL-LOC SONOTUBE					
42106L	4' STANDARD LIGHT PANEL					
42150	INSIDE EL FILLER 1' X 2'				1	2

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)	(4)	(5)	(6)
NSS033	6' NEXUS STEP				1	
NSS034	8' NEXUS STEP					1

*** - Use Bolts at Step Connection**

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

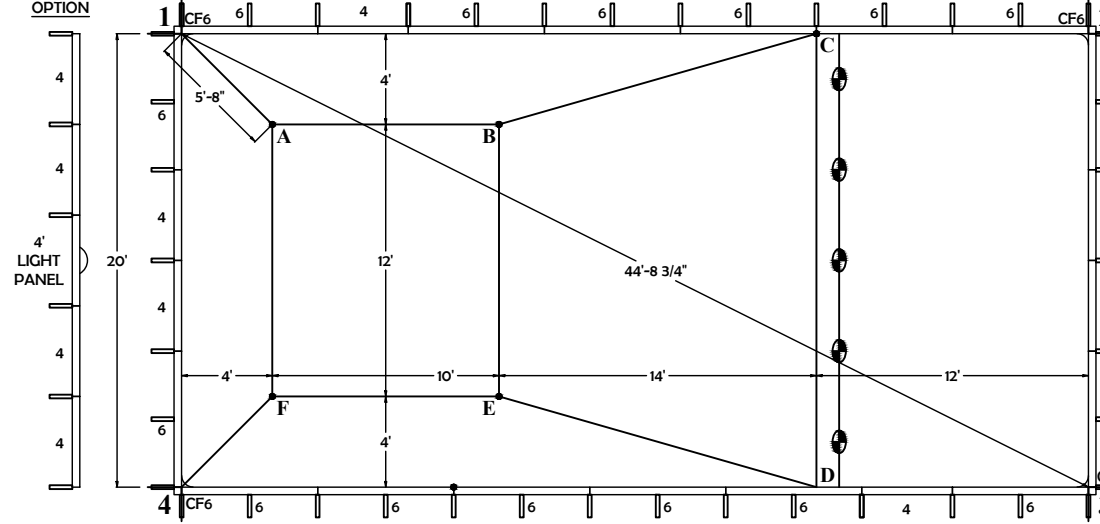
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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance is to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	5'-8"	4 - F
1 - B	14'-6 3/4"	4 - E
1 - C	28"	4 - D
1 - D	34'-5"	4 - C
1 - E	21'-3"	4 - B
1 - F	16'-6"	4 - A

1 - 3	44'-8 3/4"
2 - 4	

LIGHT PANEL OPTION

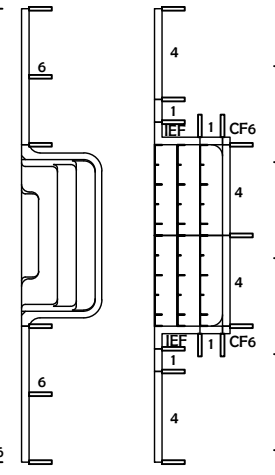


8' STEP & REST
(Right Side Step Shown)

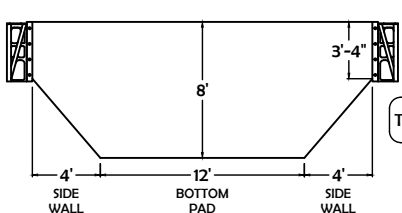
2 - A	36'-2 3/4"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	23'-4"	3 - C
2 - E	30'-6 1/4"	3 - B
2 - F	39'-4 3/4"	3 - A

8' STEP & REST OPTION

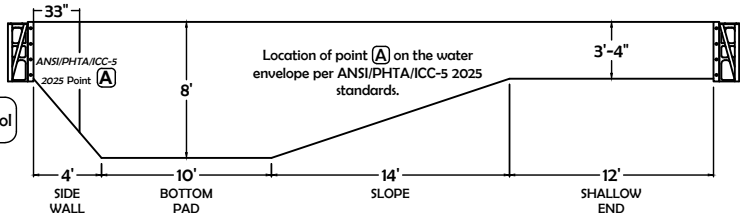
8' - 90° Nexus Stair - NSS034 OPTION



8' - 90° Nexus Stair - NSS034
(left option shown)



Type II Pool



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:

Corner Notes

Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)

Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

20' x 40' w/ Full End Nexus Stair 6"Radius & 90° Rectangle

Perimeter	120'-0" / 36.57 m	page 1 of 1
Surface Area	800.00 SF / 74.32 m ²	
Volume	28500 gal / 108000 L	
Liner Sq. Ft.	800.00 SF	

ITEM #	PART DESCRIPTION	No Step	NSS014- Full End Step
42106	4' PLAIN PANEL	4	7
421065	4' SKIMMER PANEL	2	2
42107	6' PLAIN PANEL w/ RETURN	16	14
42145	90° POLYMER CORNER FILLER	4	4
42146	BRACE SYSTEM COMPLETE	42	41
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		
NSS014	20' FULL END NEXUS STEP	1	

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(4)	(4)
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DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pool approved for use with manufactured diving equipment.

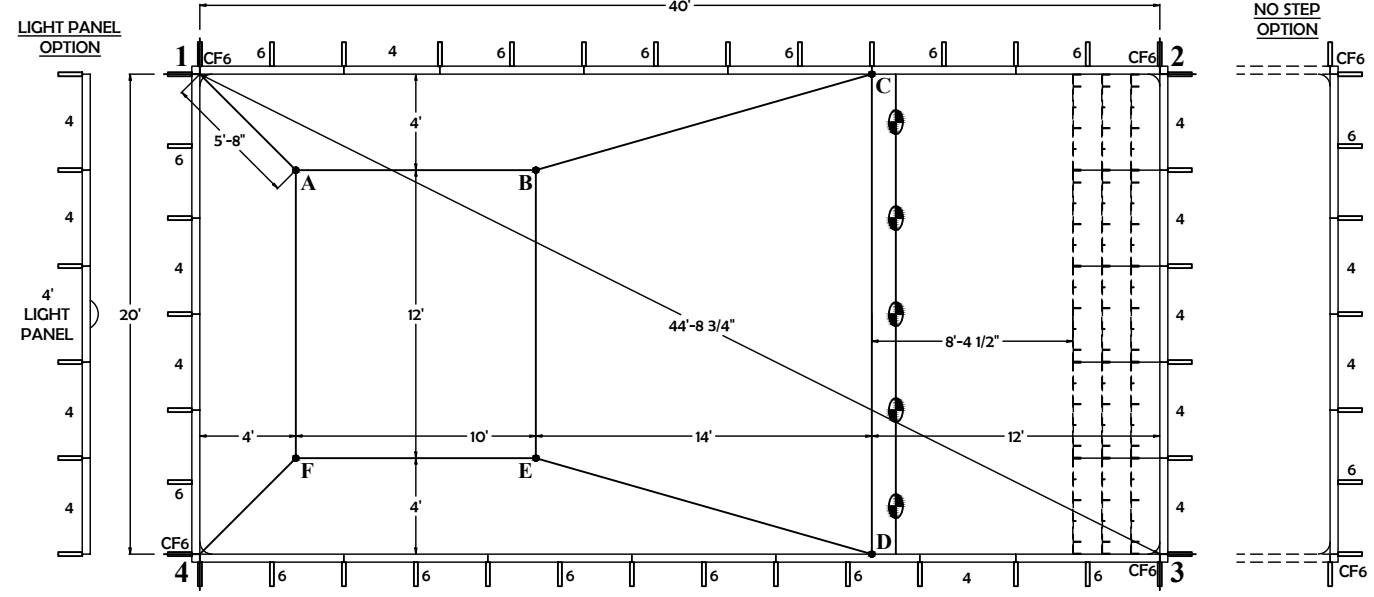
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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

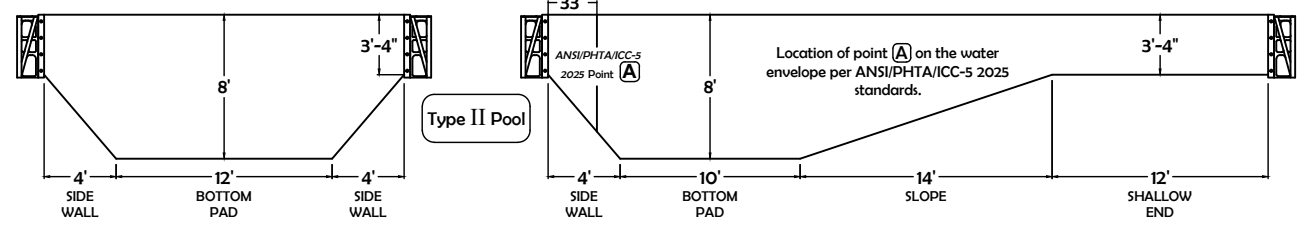
1 - A	5'-8"	4 - F
1 - B	14'-6 3/4"	4 - E
1 - C	28'	4 - D
1 - D	34'-5"	4 - C
1 - E	21'-3"	4 - B
1 - F	16'-6"	4 - A

1 - 3	44'-8 3/4"
2 - 4	

2 - A	36'-2 3/4"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	23'-4"	3 - C
2 - E	30'-6 1/4"	3 - B
2 - F	39'-4 3/4"	3 - A



NEXUS 20' x 90° FULL END STEP (NSS014)



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)

Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

16' x 38' x 24' Left 6"Radius & 90° True EL

Perimeter	124' / 37.79 m	page 1 of 1
Surface Area	704.0 SF / 65.40 m ²	
Volume	22000 gal / 83500 L	
Liner Sq. Ft.	704.00 SF	

ITEM #	PART DESCRIPTION	No Step	SNR Step	NSS034 - CENTER END	NSS027 - FULL END
42101	1' PLAIN PANEL			4	
42102	2' PLAIN PANEL		2		
42108	3' PLAIN PANEL	1	1	1	1
42106	4' PLAIN PANEL	5	5	6	8
42106S	4' SKIMMER PANEL	2	2	2	2
42107	6' PLAIN PANEL w/ RETURN	15	13	13	13
42145	90° POLYMER CORNER FILLER	5	5	7	5
42146	BRACE SYSTEM COMPLETE	44	43	50	43
42150	INSIDE EL FILLER 1' X 2'	1	1	3	1
074185NR	8' STEP & REST		1		
148838	3/8"-16X HEX BOLT		12*		
149664	3/8"-16 HEX NUT		12*		
86151	CHANNEL-LOC SONOTUBE				
42106L	4' STANDARD LIGHT PANEL				

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

ITEM #	PART DESCRIPTION	(5)	(5)	(7)	(5)
GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT				
NSS027	12' FULL END NEXUS STEP				1
NSS034	8' NEXUS STEP			1	

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

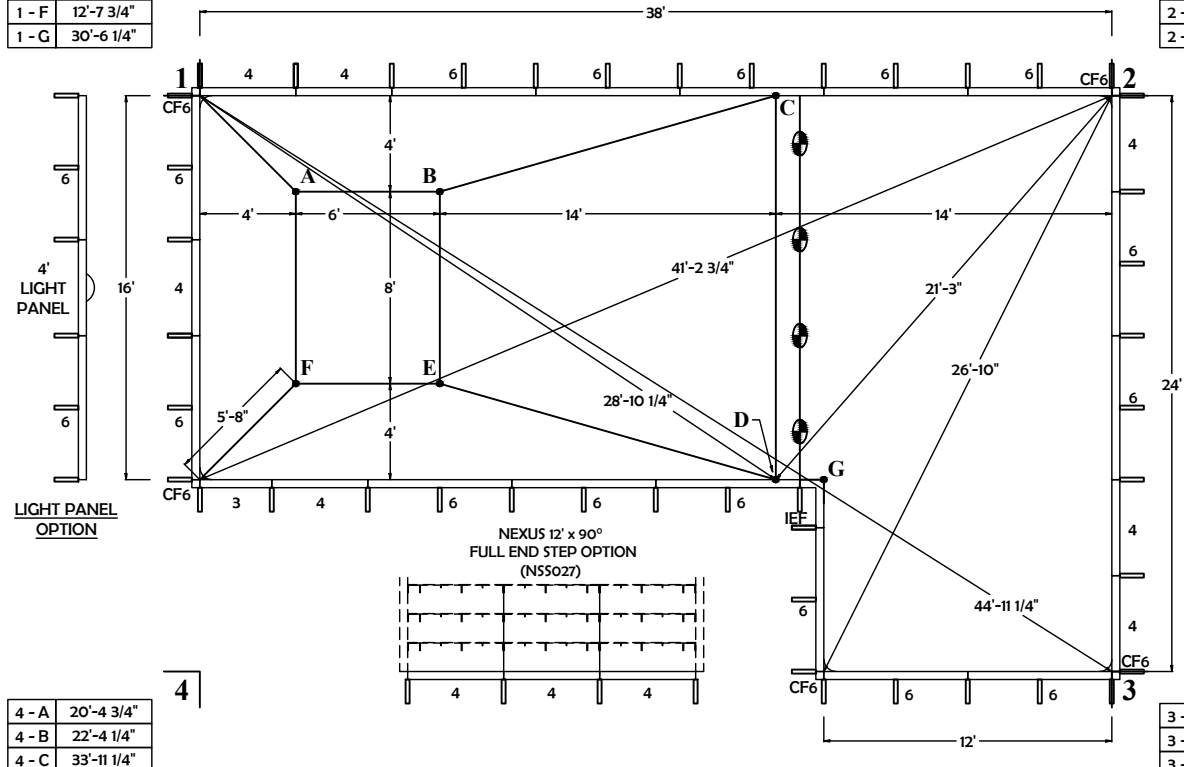
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	28'-10 1/4"
1 - E	15'-7 1/2"
1 - F	12'-7 3/4"
1 - G	30'-6 1/4"

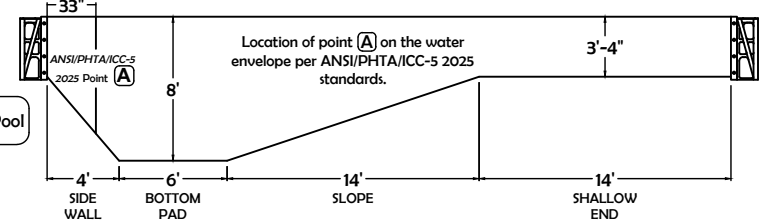
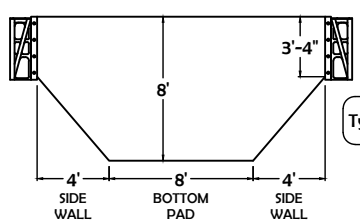
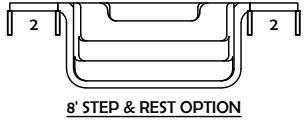
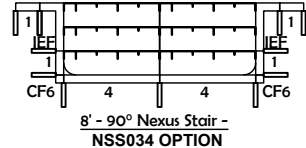
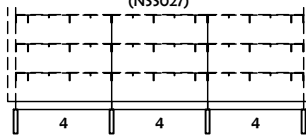
1 - 3	44'-11 1/4"
2 - 4	

2 - A	34'-2 3/4"
2 - B	28'-3 1/2"
2 - C	14'
2 - D	21'-3"
2 - E	30'-5 1/2"
2 - F	36'-0 3/4"
2 - G	20'



4 - A	20'-4 3/4"
4 - B	22'-4 1/4"
4 - C	33'-11 1/4"
4 - D	25'-3 1/2"
4 - E	15'-7 1/2"
4 - F	12'-7 3/4"
4 - G	27'-2 1/2"

3 - A	39'-5 1/4"
3 - B	34'-5"
3 - C	27'-9 1/2"
3 - D	16'-1 1/2"
3 - E	30'-5 1/2"
3 - F	36'-0 3/4"
3 - G	14'-5"



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)
IEF -- 12" x 24" x 270° INSIDE EL FILLER (42150)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

16' x 38' x 24' Right 6"Radius & 90° True EL

Perimeter	124' / 37.79 m	page 1 of 1
Surface Area	704.0 SF / 65.40 m ²	
Volume	22000 gal / 83500 L	
Liner Sq. Ft.	704.00 SF	

ITEM #	PART DESCRIPTION	No Step	SNR Step	NSS034 - CENTER END	NSS027 - FULL END
42101	1' PLAIN PANEL			4	
42102	2' PLAIN PANEL		2		
42108	3' PLAIN PANEL	1	1	1	1
42106	4' PLAIN PANEL	5	5	6	8
42106S	4' SKIMMER PANEL	2	2	2	2
42107	6' PLAIN PANEL w/ RETURN	15	13	13	13
42145	90° POLYMER CORNER FILLER	5	5	7	5
42146	BRACE SYSTEM COMPLETE	44	43	50	43
42150	INSIDE EL FILLER 1' X 2'	1	1	3	1
074185NR	8' STEP & REST		1		
148838	3/8"-16X HEX BOLT		12*		
149664	3/8"-16 HEX NUT		12*		
86151	CHANNEL-LOC SONOTUBE				
42106L	4' STANDARD LIGHT PANEL				

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(5)	(5)	(7)	(5)
NSS027	12' FULL END NEXUS STEP				1
NSS034	8' NEXUS STEP			1	

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

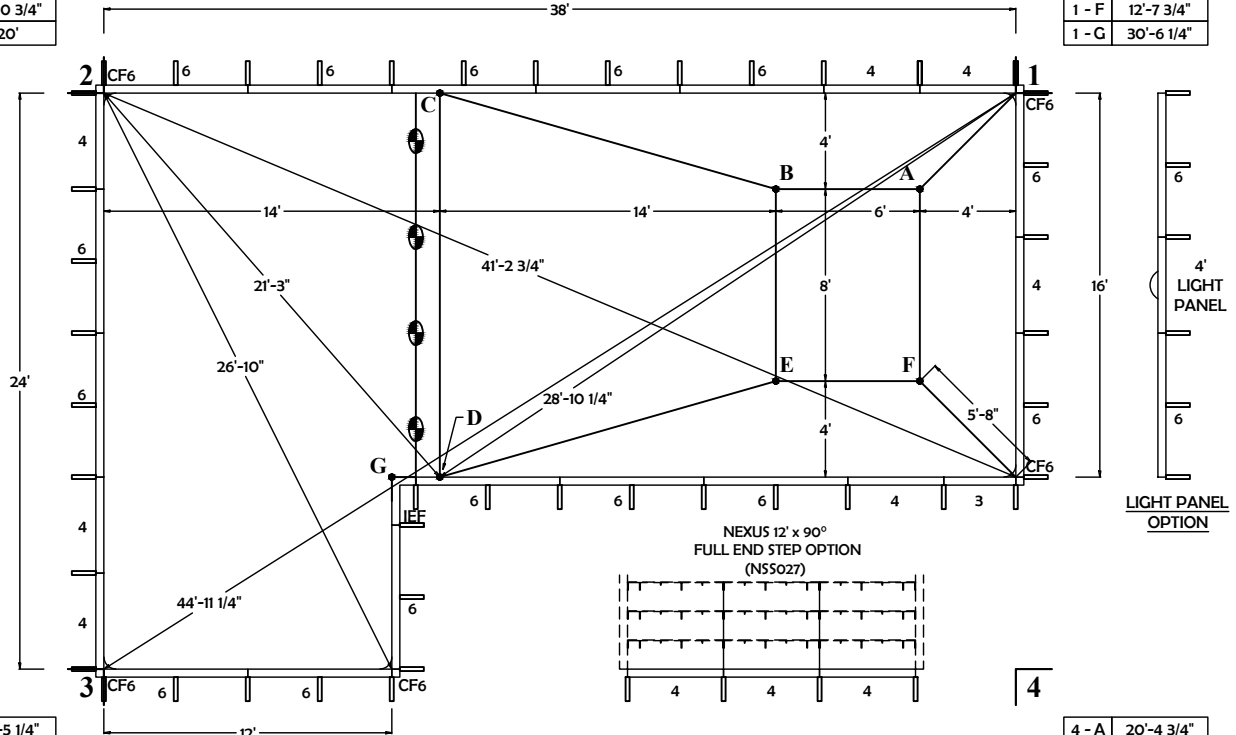
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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2023 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPSC CODE

2 - A	34'-2 3/4"
2 - B	28'-3 1/2"
2 - C	14'
2 - D	21'-3"
2 - E	30'-5 1/2"
2 - F	36'-0 3/4"
2 - G	20'

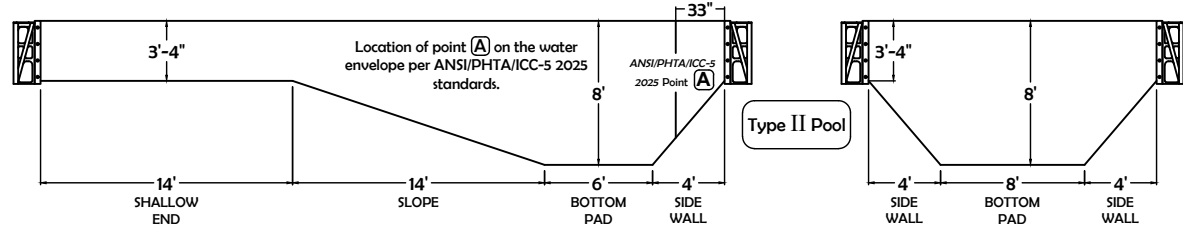
1 - 3	44'-11 1/4"
2 - 4	

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	28'-10 1/4"
1 - E	15'-7 1/2"
1 - F	12'-7 3/4"
1 - G	30'-6 1/4"



3 - A	39'-5 1/4"
3 - B	34'-5"
3 - C	27'-9 1/2"
3 - D	16'-1 1/2"
3 - E	30'-5 1/2"
3 - F	36'-0 3/4"
3 - G	14'-5"

4 - A	20'-4 3/4"
4 - B	22'-4 1/4"
4 - C	33'-11 1/4"
4 - D	25'-3 1/2"
4 - E	15'-7 1/2"
4 - F	12'-7 3/4"
4 - G	27'-2 1/2"



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
 CF-- 90° CORNER FILLER (42145)
 IEF -- 12" x 24" x 270° INSIDE EL FILLER (42150)

INSTALLATION NOTE:
Corner Notes
 Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
 Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

18' x 38' x 26' Left 6" Radius & 90° True EL

Perimeter	128' / 39.01 m	page 1 of 1
Surface Area	780.0 SF / 72.46 m ²	
Volume	24800 gal / 93800 L	
Liner Sq. Ft.	780.00 SF	

ITEM #	PART DESCRIPTION	No Step	SNR Step	NSS034 - CENTER END	NSS027 - FULL END
42101	1' PLAIN PANEL			4	
42102	2' PLAIN PANEL		2		
42108	3' PLAIN PANEL	1	1	1	1
42106	4' PLAIN PANEL	3	3	5	6
42106S	4' SKIMMER PANEL	2	2	2	2
42107	6' PLAIN PANEL w/ RETURN	17	15	15	15
42145	90° POLYMER CORNER FILLER	5	5	7	5
42146	BRACE SYSTEM COMPLETE	46	45	52	45
42150	INSIDE EL FILLER 1' X 2'	1	1	3	1
074185NR	8' STEP & REST		1		
148838	3/8"-16X HEX BOLT		12*		
149664	3/8"-16 HEX NUT		12*		
86151	CHANNEL-LOC SONOTUBE				
42102L	2' STANDARD LIGHT PANEL				

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(5)	(5)	(7)	(5)
NSS027	12' FULL END NEXUS STEP				1
NSS034	8' NEXUS STEP			1	

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS& ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

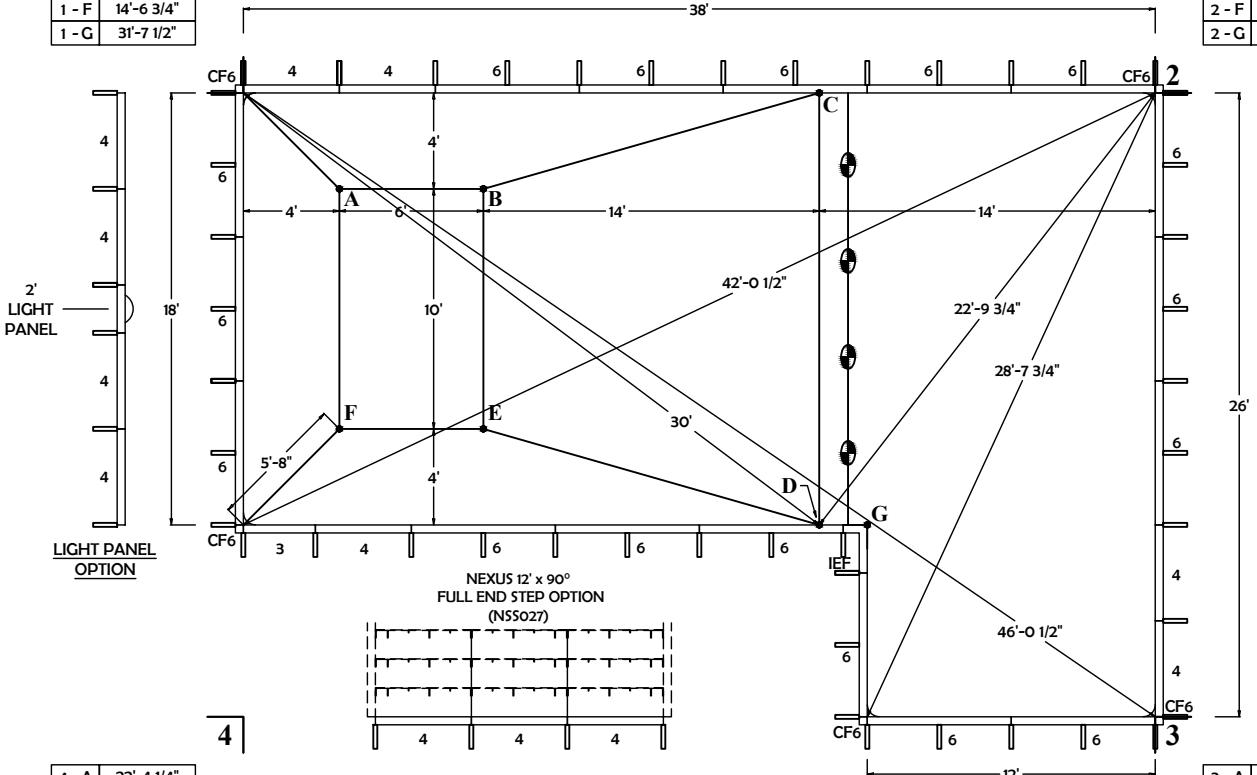
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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS& CODE

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	30'
1 - E	17'-2 1/2"
1 - F	14'-6 3/4"
1 - G	31'-7 1/2"

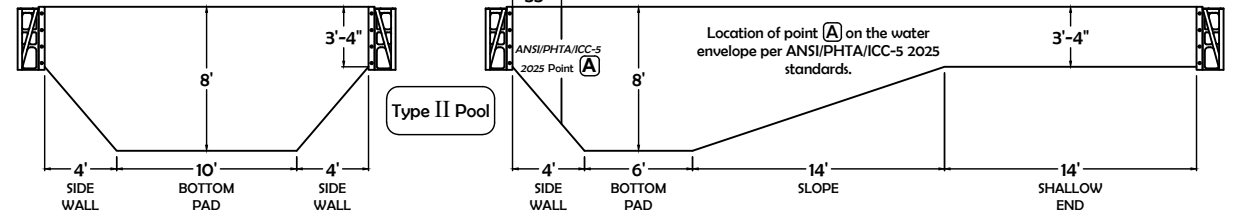
1 - 3	46'-0 1/2"
2 - 4	

2 - A	34'-2 3/4"
2 - B	28'-3 1/2"
2 - C	14'
2 - D	22'-9 3/4"
2 - E	31'-3 3/4"
2 - F	36'-9 1/4"
2 - G	21'-7 1/2"



4 - A	22'-4 1/4"
4 - B	24'-2"
4 - C	35'-4 1/2"
4 - D	25'-3 1/2"
4 - E	15'-7 1/2"
4 - F	12'-7 3/4"
4 - G	27'-2 1/2"

3 - A	40'-6"
3 - B	35'-7 1/4"
3 - C	29'-6 1/4"
3 - D	16'-1 1/2"
3 - E	30'-5 1/2"
3 - F	36'-0 3/4"
3 - G	14'-5"



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)
IEF -- 12" x 24" x 270° INSIDE EL FILLER (42150)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

18' x 38' x 26' Right 6"Radius & 90° True EL

Perimeter	128' / 39.01m	page 1 of 1
Surface Area	780.0 SF / 72.46 m ²	
Volume	24800 gal / 93800 L	
Liner Sq. Ft.	780.00 SF	

ITEM #	PART DESCRIPTION	No Step	SNR Step	NSS034 - CENTER END	NSS027 - FULL END
42101	1' PLAIN PANEL			4	
42102	2' PLAIN PANEL		2		
42108	3' PLAIN PANEL	1	1	1	1
42106	4' PLAIN PANEL	3	3	5	6
42106S	4' SKIMMER PANEL	2	2	2	2
42107	6' PLAIN PANEL w/ RETURN	17	15	15	15
42145	90° POLYMER CORNER FILLER	5	5	7	5
42146	BRACE SYSTEM COMPLETE	46	45	52	45
42150	INSIDE EL FILLER 1' X 2'	1	1	3	1
074185NR	8' STEP & REST		1		
148838	3/8"-16X HEX BOLT		12*		
149664	3/8"-16 HEX NUT		12*		
86151	CHANNEL-LOC SONOTUBE				
42102L	2' STANDARD LIGHT PANEL				

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(5)	(5)	(7)	(5)
NSS027	12' FULL END NEXUS STEP				1
NSS034	8' NEXUS STEP			1	

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

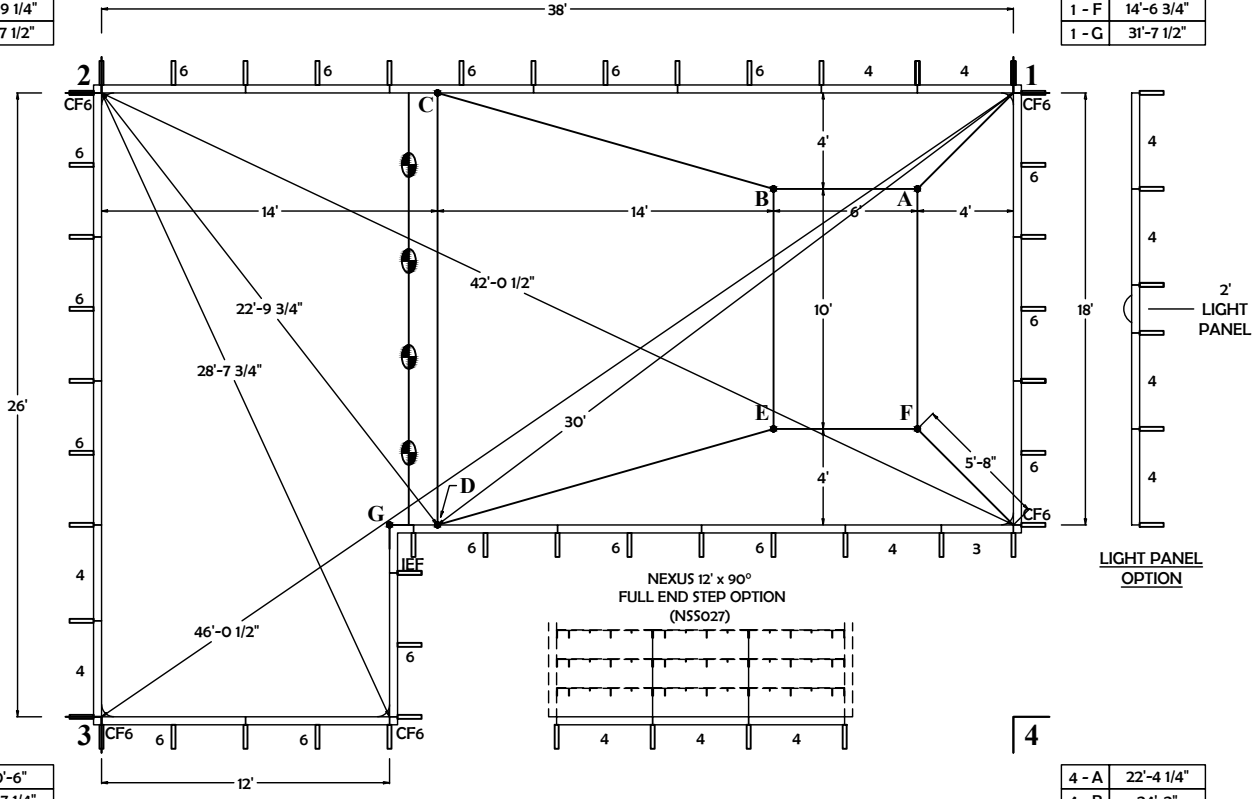
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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISDSC CODE

2 - A	34'-2 3/4"
2 - B	28'-3 1/2"
2 - C	14'
2 - D	22'-9 3/4"
2 - E	31'-3 3/4"
2 - F	36'-9 1/4"
2 - G	21'-7 1/2"

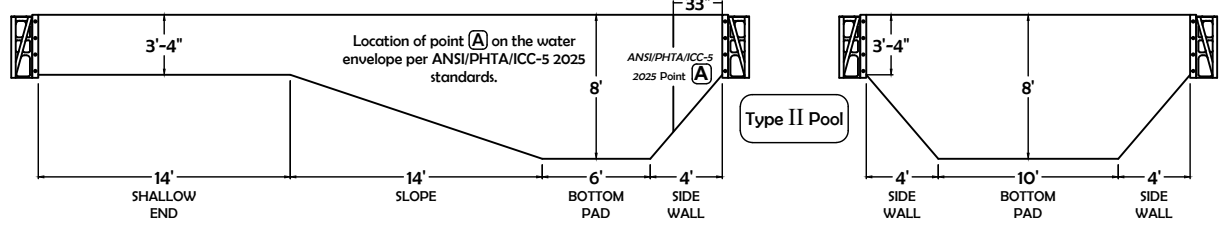
1 - 3	46'-0 1/2"
2 - 4	

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	30'
1 - E	17'-2 1/2"
1 - F	14'-6 3/4"
1 - G	31'-7 1/2"



3 - A	40'-6"
3 - B	35'-7 1/4"
3 - C	29'-6 1/4"
3 - D	16'-1 1/2"
3 - E	30'-5 1/2"
3 - F	36'-0 3/4"
3 - G	14'-5"

4 - A	22'-4 1/4"
4 - B	24'-2"
4 - C	35'-4 1/2"
4 - D	25'-3 1/2"
4 - E	15'-7 1/2"
4 - F	12'-7 3/4"
4 - G	27'-2 1/2"



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF6-- 90° CORNER FILLER (42145)
IEF -- 12" x 24" x 270° INSIDE EL FILLER (42150)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

**20' x 44' x 30' Left
6"Radius & 90° True EL**

Perimeter	148' / 45.10 m	page 1 of 1
Surface Area	1040.0 SF / 96.62 m ²	
Volume	32600 gal / 123400 L	
Liner Sq. Ft.	1040.00 SF	

ITEM #	PART DESCRIPTION	No Step	SNR Step	NSS034 - CENTER END	NSS012- FULL END
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42101	1' PLAIN PANEL			2	
42108	3' PLAIN PANEL	1	1	3	1
42106	4' PLAIN PANEL	8	7	9	6
42106S	4' SKIMMER PANEL	2	2	2	2
42107	6' PLAIN PANEL w/ RETURN	17	15	15	15
42145	90° POLYMER CORNER FILLER	5	5	7	5
42146	BRACE SYSTEM COMPLETE	51	49	56	50
074185NR	8' STEP & REST		1		
148838	3/8"-16X HEX BOLT		12*		
149664	3/8"-16 HEX NUT		12*		
86151	CHANNEL-LOC SONOTUBE				
42106L	4' STANDARD LIGHT PANEL				
42150	INSIDE EL FILLER 1' X 2'	1	1	3	1

**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only

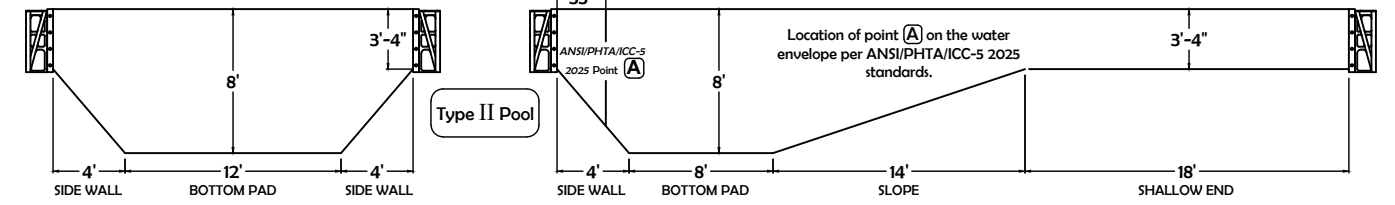
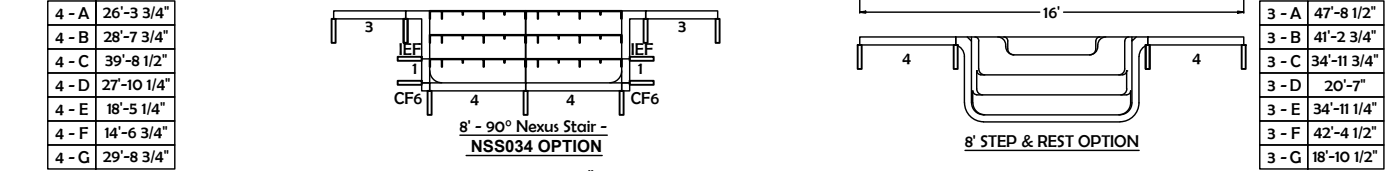
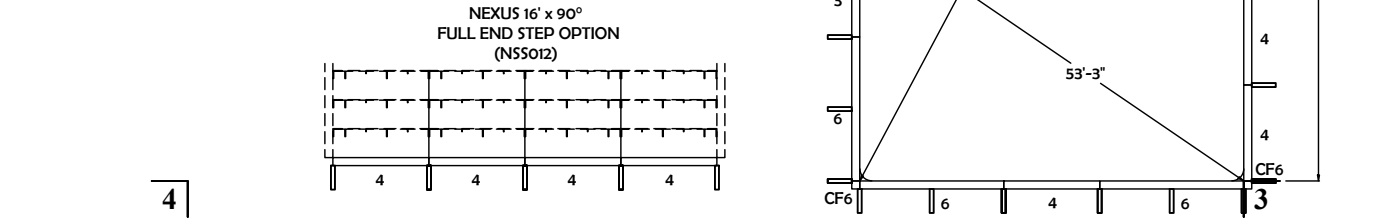
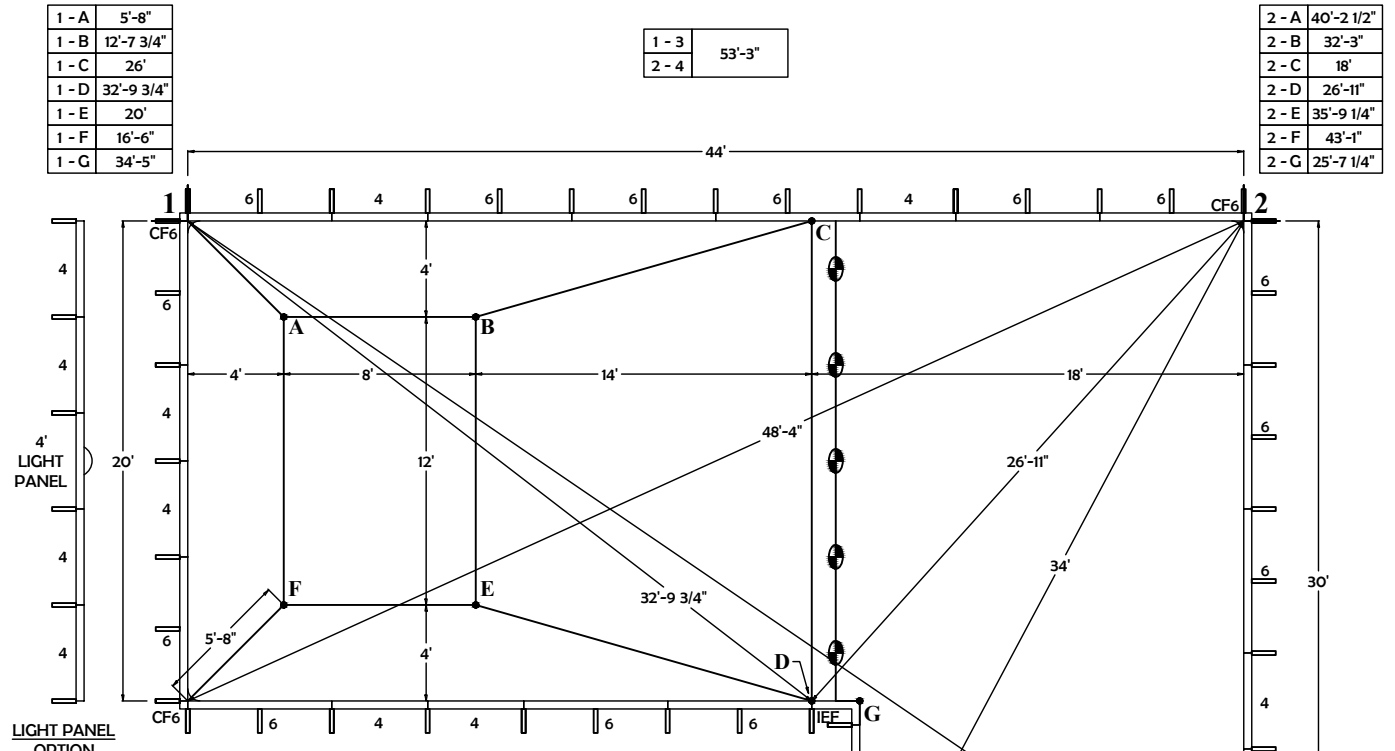
GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(5)	(5)	(7)	(5)
NSS012	16' FULL END NEXUS STEP				1
NSS034	8' NEXUS STEP			1	

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
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- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance is to be installed in accordance with APSP/ANSI/ICC/ISPS CODE



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF6-- 90° CORNER FILLER (42145)
IEF -- 12" x 24" x 270° INSIDE EL FILLER (42150)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)
Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

20' x 44' x 30' Right 6"Radius & 90° True EL

Perimeter	148' / 45.10 m	page 1 of 1
Surface Area	1040.0 SF / 96.62 m ²	
Volume	32600 gal / 123400 L	
Liner Sq. Ft.	1040.00 SF	

ITEM #	PART DESCRIPTION	No Step	SNR Step	NSS034 - CENTER END	NSS012- FULL END
42101	1' PLAIN PANEL			2	
42108	3' PLAIN PANEL	1	1	3	1
42106	4' PLAIN PANEL	8	7	9	6
42106S	4' SKIMMER PANEL	2	2	2	2
42107	6' PLAIN PANEL w/ RETURN	17	15	15	15
42145	90° POLYMER CORNER FILLER	5	5	7	5
42146	BRACE SYSTEM COMPLETE	51	49	56	50
07418SNR	8' STEP & REST	1			
148838	3/8"-16X HEX BOLT	12*			
149664	3/8"-16 HEX NUT	12*			
86151	CHANNEL-LOC SONOTUBE				
42106L	4' STANDARD LIGHT PANEL				
42150	INSIDE EL FILLER 1' X 2'	1	1	3	1
**Item- GLAUC4442NT 6" Radius foam corner insert used for 6"R corners only					
GLAUC4442NT	DIAG 6"R FOAM CORNER INSERT	(5)	(5)	(7)	(5)
NSS012	16' FULL END NEXUS STEP				1
NSS034	8' NEXUS STEP			1	
* - Use Bolts at Step Connection					

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISDPC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

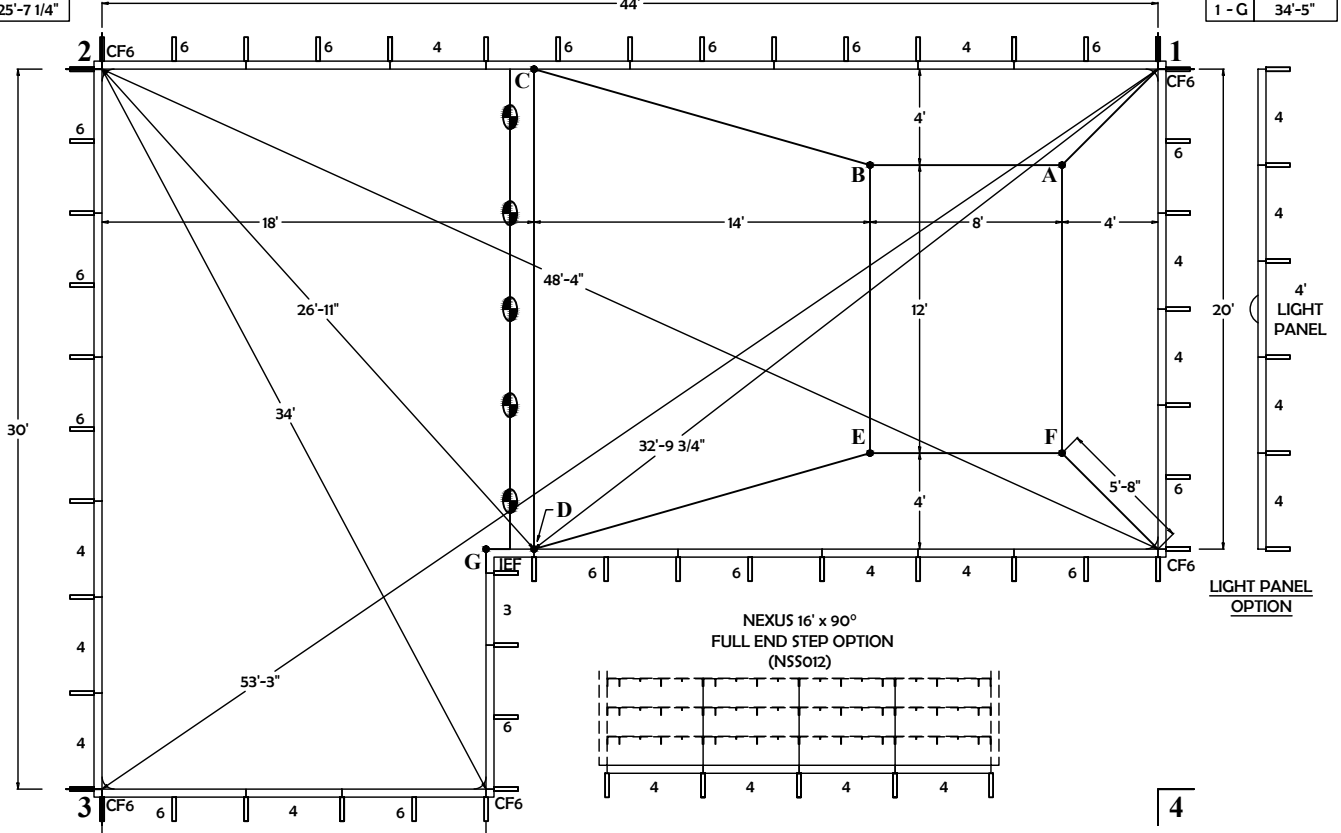
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- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISDPC CODE

2 - A	40'-2 1/2"
2 - B	32'-3"
2 - C	18'
2 - D	26'-11"
2 - E	35'-9 1/4"
2 - F	43'-1"
2 - G	25'-7 1/4"

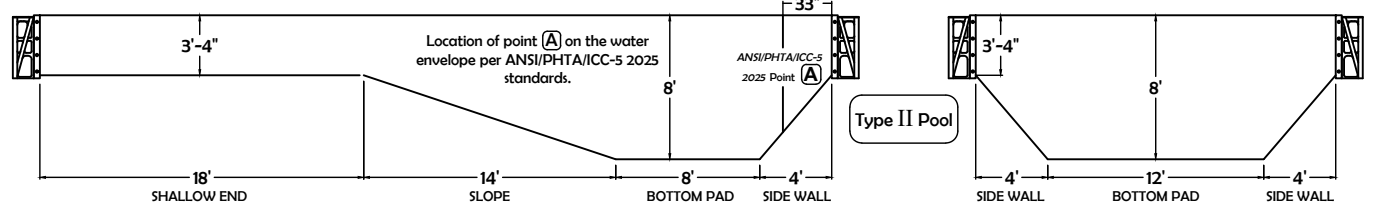
1 - 3	53'-3"
2 - 4	

1 - A	5'-8"
1 - B	12'-7 3/4"
1 - C	26'
1 - D	32'-9 3/4"
1 - E	20'
1 - F	16'-6"
1 - G	34'-5"



3 - A	47'-8 1/2"
3 - B	41'-2 3/4"
3 - C	34'-11 3/4"
3 - D	20'-7"
3 - E	34'-11 1/4"
3 - F	42'-4 1/2"
3 - G	18'-10 1/2"

4 - A	26'-3 3/4"
4 - B	28'-7 3/4"
4 - C	39'-8 1/2"
4 - D	27'-10 1/4"
4 - E	18'-5 1/4"
4 - F	14'-6 3/4"
4 - G	29'-8 3/4"



CF6 -- 90° CORNER FILLER W/ 6"R FOAM INSERT (42145&GLAUC4442NT)
CF-- 90° CORNER FILLER (42145)
IEF -- 12" x 24" x 270° INSIDE EL FILLER (42150)

INSTALLATION NOTE:
Corner Notes
Standard pool layouts shown are with 6"R corners. For 90° corner layouts, DO NOT order/install the 6"R foam insert (GLAUC4442NT)

Installer MUST specify what type of corners (90° OR 6"R) are desired when ordering both pool and liner

12' x 24'
2' Radius

Perimeter	68'-7"	/	20.90	m	page 1 of 1	No Step End Step
Surface Area	284.6	SF /	26.4	m ²		
Volume	7800	gal /	29500	L		
Liner Sq. Ft.	288.00	SF				

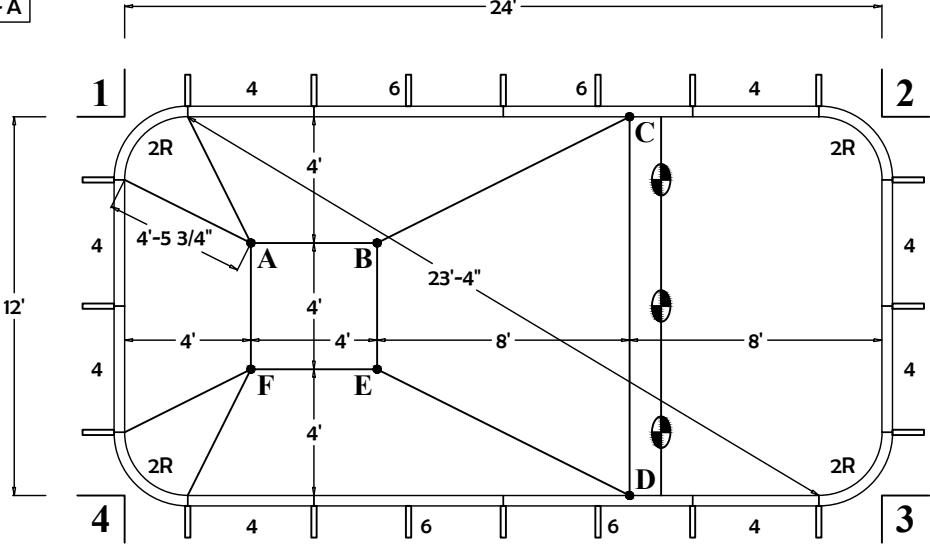
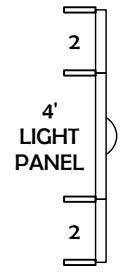
ITEM #	PART DESCRIPTION	No Step	End Step
42106	4' PLAIN PANEL	7	5
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	4	4
42110	2' RADIUS CORNER PANEL	4	4
42146	BRACE SYSTEM COMPLETE	20	19
07418SNR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		

1 - A	5'-8"	4 - F
1 - B	8'-11 1/4"	4 - E
1 - C	16'	4 - D
1 - D	20'	4 - C
1 - E	11'-3 3/4"	4 - B
1 - F	8'-11 1/4"	4 - A

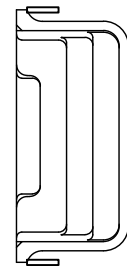
1 - 3	26'-10"
2 - 4	

2 - A	20'-4 3/4"	3 - F
2 - B	16'-6"	3 - E
2 - C	8'	3 - D
2 - D	14'-5"	3 - C
2 - E	17'-10 3/4"	3 - B
2 - F	21'-6 1/2"	3 - A

LIGHT PANEL OPTION



8' STEP & REST OPTION



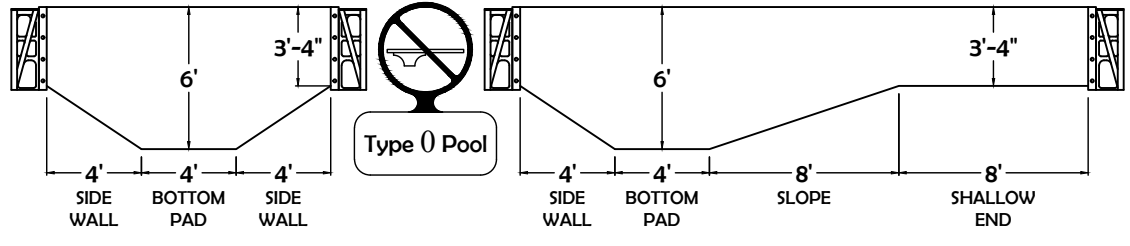
* - Use Bolts at Step Connection

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



12' x 24'

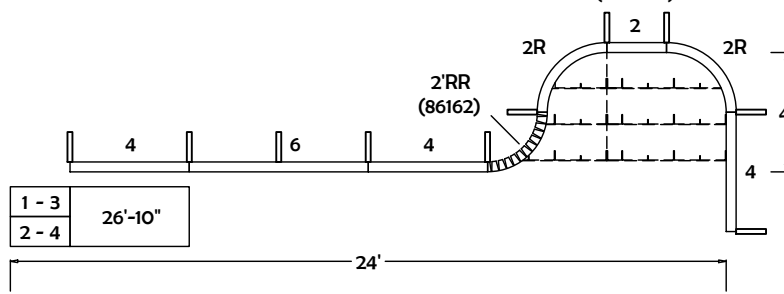
2' Radius w/ Nexus Step

Perimeter	74'-11"	/	22.83	m	page 1 of 1	3 Corner Right	3 Corner Left
Surface Area	308.6	SF	28.7	m ²			
Volume	8100	gal	30650	L			
Liner Sq. Ft.	288.00	SF					

ITEM #	PART DESCRIPTION	3 Corner Right	3 Corner Left
42102	2' PLAIN PANEL	1	1
42106	4' PLAIN PANEL	8	8
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	3	3
42110	2' RADIUS CORNER PANEL	5	5
42115	VERSA-FLEX PANEL	1	1
861625	2'RR STRAP	1	1
09115	PUSH NUTS	26	26
42146	BRACE SYSTEM COMPLETE	22	22
NSS009	6' NEXUS STAIR (3 Corner Right)	1	
NSS011	6' NEXUS STAIR (3 Corner Left)		1
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		

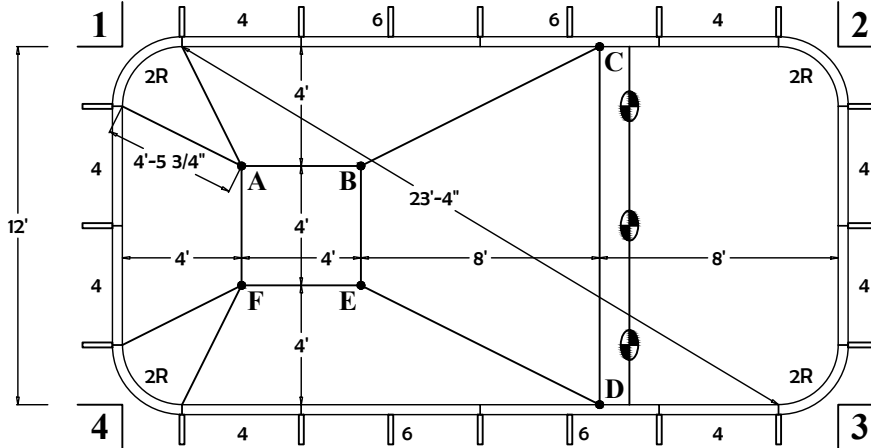
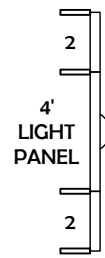
1 - A	5'-8"	4 - F
1 - B	8'-11 1/4"	4 - E
1 - C	16'	4 - D
1 - D	20'	4 - C
1 - E	11'-3 3/4"	4 - B
1 - F	8'-11 1/4"	4 - A

NEXUS 6' x 2'R
RIGHT 3 CORNER STEP
(NSS009)

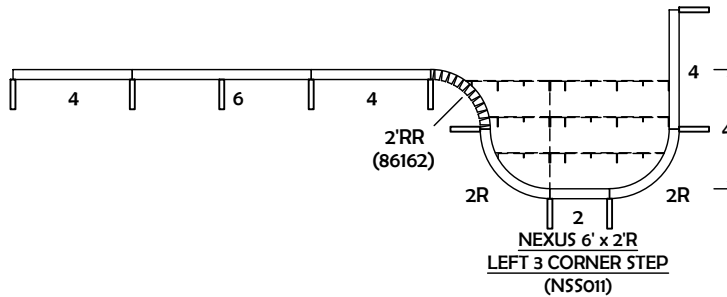


2 - A	20'-4 3/4"	3 - F
2 - B	16'-6"	3 - E
2 - C	8'	3 - D
2 - D	14'-5"	3 - C
2 - E	17'-10 3/4"	3 - B
2 - F	21'-6 1/2"	3 - A

LIGHT PANEL
OPTION



NEXUS 6' x 2'R
LEFT 3 CORNER STEP
(NSS011)

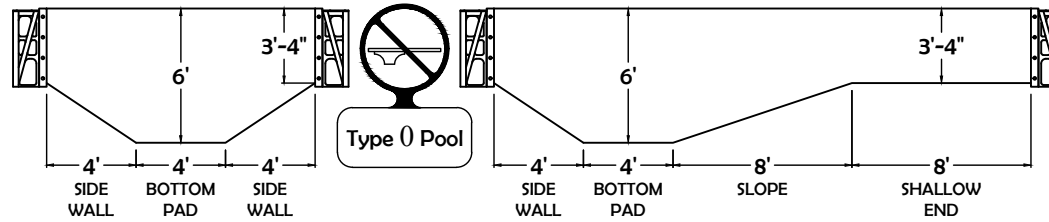


NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



Type 0 Pool

14' x 28'
2' Radius w/ Nexus Step

Perimeter	86'-11"	/	26.49 m
Surface Area	412.6 SF	/	38.3 m ²
Volume	12050 gal	/	45600 L
Liner Sq. Ft.	392.00 SF		

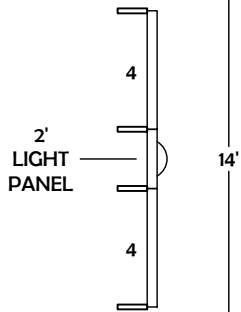
page
 1 of 1

3
 Corner Right
 3
 Corner Left

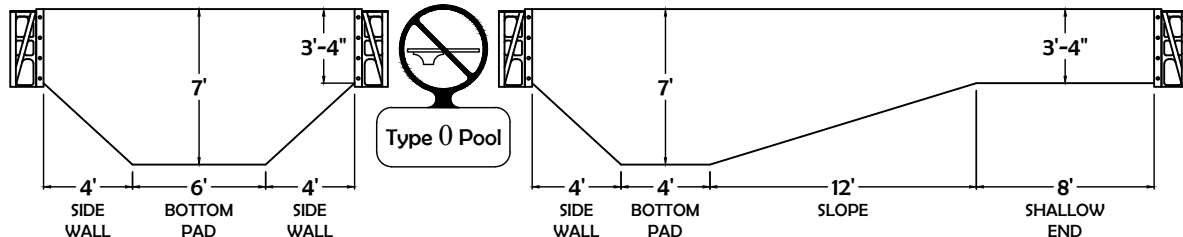
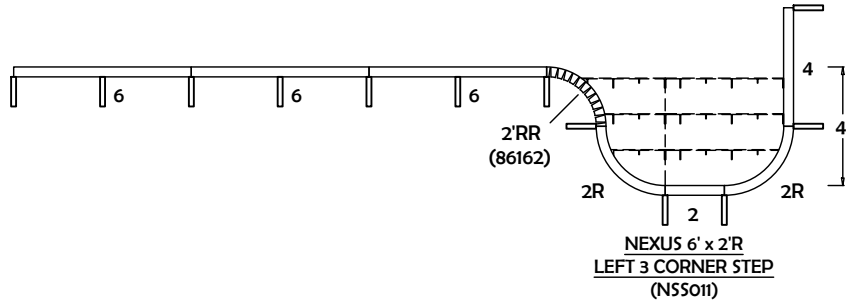
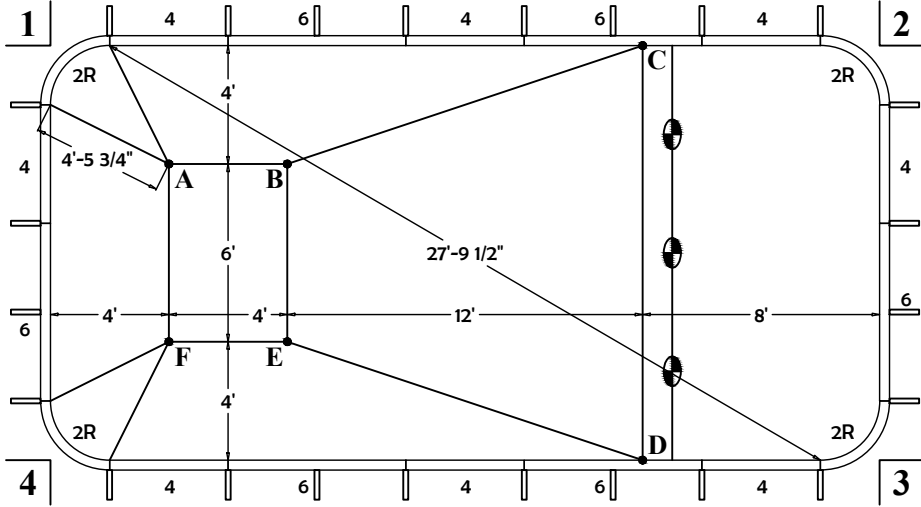
ITEM #	PART DESCRIPTION	3 Corner Right	3 Corner Left
42102	2' PLAIN PANEL	1	1
42106	4' PLAIN PANEL	4	4
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	7	7
42110	2' RADIUS CORNER PANEL	5	5
42115	VERSA-FLEX PANEL	1	1
861625	2'RR STRAP	1	1
09115	PUSH NUTS	26	26
42146	BRACE SYSTEM COMPLETE	28	28
N55009	6' NEXUS STAIR (3 Corner Right)	1	
N55011	6' NEXUS STAIR (3 Corner Left)		1
86151	CHANNEL-LOC SONOTUBE		
42102L	2' STANDARD LIGHT PANEL		

1 - A	5'-8"	4 - F
1 - B	8'-11 1/4"	4 - E
1 - C	20'	4 - D
1 - D	24'-5"	4 - C
1 - E	12'-9 3/4"	4 - B
1 - F	10'-9 1/4"	4 - A

**LIGHT PANEL
 OPTION**



2 - A	24'-4"	3 - F
2 - B	20'-4 3/4"	3 - E
2 - C	8'	3 - D
2 - D	16'-1 1/2"	3 - C
2 - E	22'-4 1/4"	3 - B
2 - F	26'	3 - A



NO DIVING PERMITTED INTO THIS POOL
 The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

16' x 32'

2' Radius

Perimeter	92'-7"	/	28.22	m	
Surface Area	508.6	SF	/	47.2	m ²
Volume	17450	gal	/	66000	L
Liner Sq. Ft.	512.00	SF			

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No Step	End Step

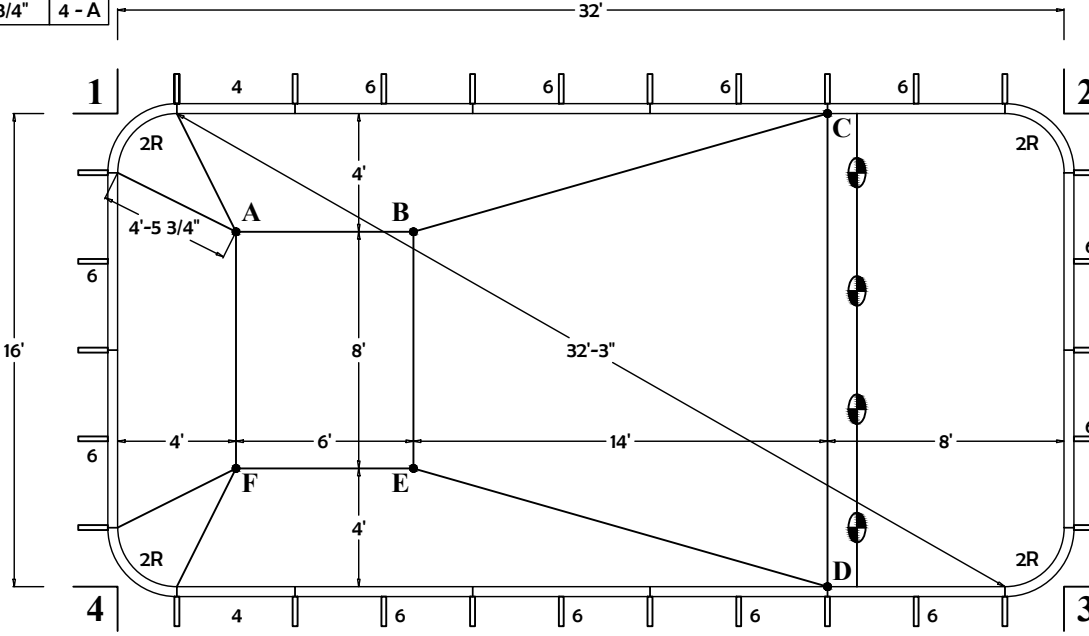
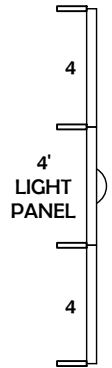
ITEM #	PART DESCRIPTION	No Step	End Step
42102	2' PLAIN PANEL		2
42106	4' PLAIN PANEL	1	1
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	12	10
42110	2' RADIUS CORNER PANEL	4	4
42146	BRACE SYSTEM COMPLETE	30	29
074185NR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		

1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

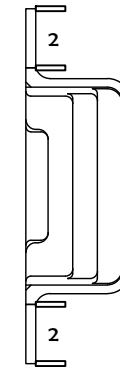
1 - 3	35'-9 1/4"
2 - 4	

2 - A	28'-3 1/2"	3 - F
2 - B	22'-4 1/4"	3 - E
2 - C	8'	3 - D
2 - D	17'-10 3/4"	3 - C
2 - E	25'-0 3/4"	3 - B
2 - F	30'-5 1/2"	3 - A

LIGHT PANEL OPTION



8' STEP & REST OPTION



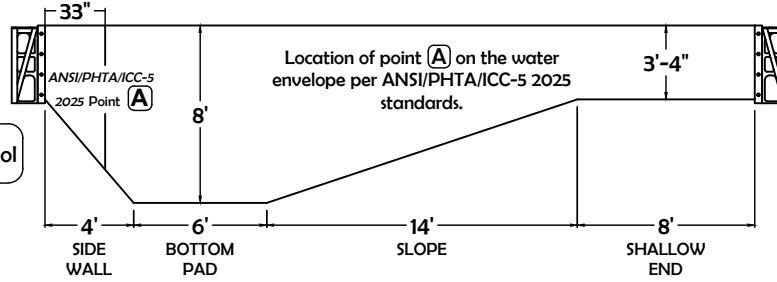
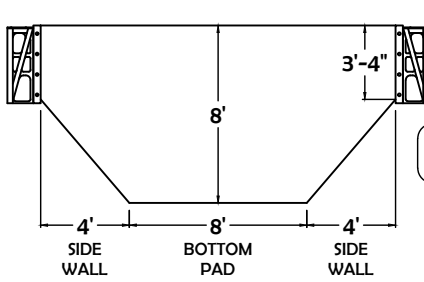
* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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1. All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
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3. Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
4. A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
5. Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
6. All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
7. Backfill with clean earth, free of roots and debris.
8. Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
9. 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
10. NO DIVING labels are to be installed around the perimeter of the pool.
11. A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
12. Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE



16' x 32'

2' Radius w/ Nexus Step

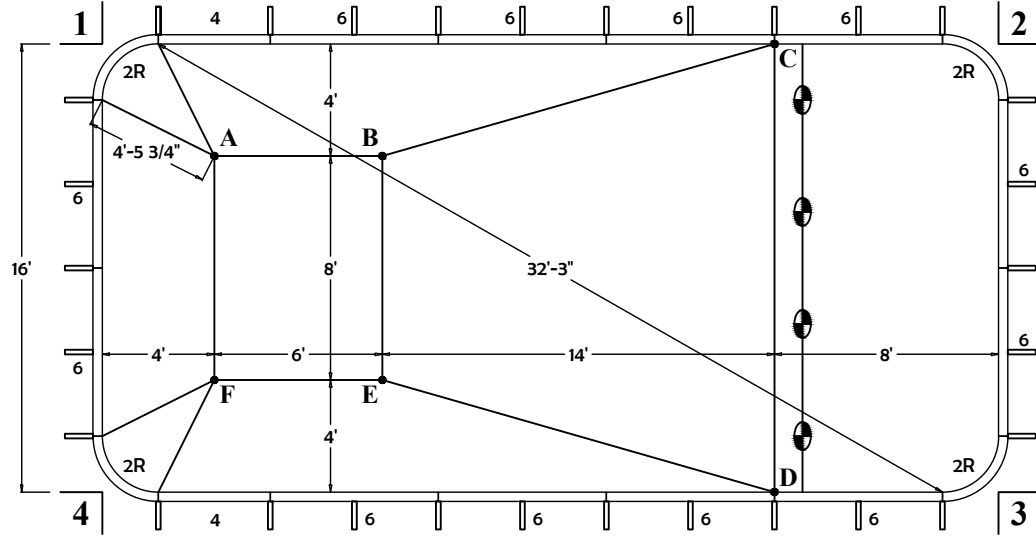
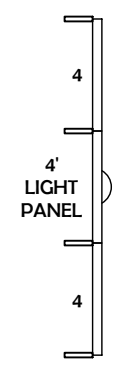
Perimeter	97'-1"	30.15	m	page 1 of 1
Surface Area	532.6	50.2	m ²	
Volume	17800	67350	L	
Liner Sq. Ft.	512.00		SF	

ITEM #	PART DESCRIPTION	End Stair	3 Corner Right	3 Corner Left
42102	2' PLAIN PANEL		1	1
42106	4' PLAIN PANEL	2	2	2
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	10	11	11
42110	2' RADIUS CORNER PANEL	6	5	5
42115	VERSA-FLEX PANEL	2	1	1
861625	2'RR STRAP	2	1	1
09115	PUSH NUTS	52	26	26
42146	BRACE SYSTEM COMPLETE	31	32	32
NSS007	8' NEXUS STAIR	1		
NSS009	6' NEXUS STAIR (3 Corner Right)		1	
NSS011	6' NEXUS STAIR (3 Corner Left)			1
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

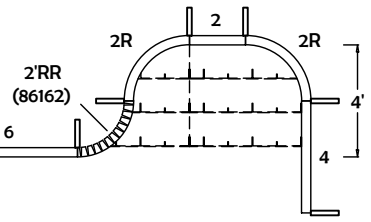
1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

1 - 3	
2 - 4	35'-9 1/4"

LIGHT PANEL OPTION

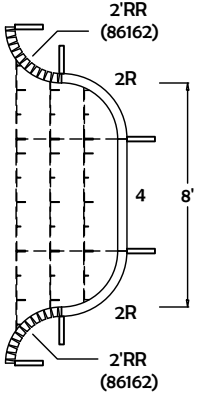


NEXUS 6' x 2'R RIGHT 3 CORNER STEP (NSS009)

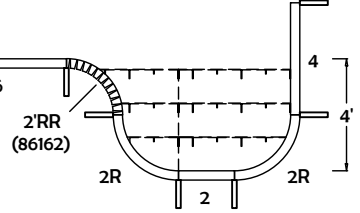


2 - A	28'-3 1/2"	3 - F
2 - B	22'-4 1/4"	3 - E
2 - C	8'	3 - D
2 - D	17'-10 3/4"	3 - C
2 - E	25'-0 3/4"	3 - B
2 - F	30'-5 1/2"	3 - A

NEXUS 8' x 2'R END STEP (NSS007)



NEXUS 6' x 2'R LEFT 3 CORNER STEP (NSS011)

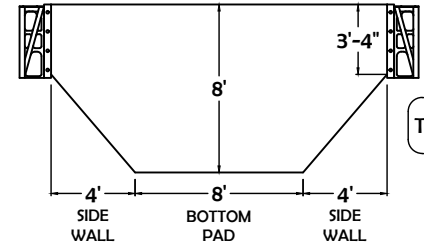


DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

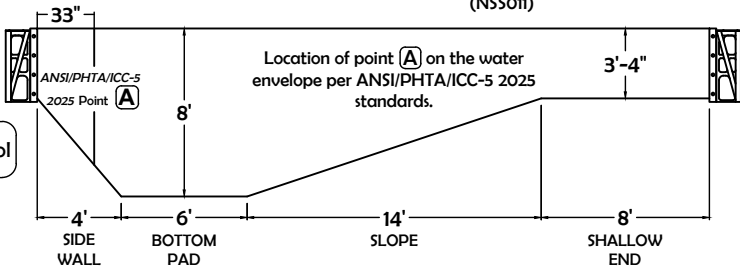
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPSC CODE



Type II Pool



16' x 36' 2' Radius

Perimeter	100'-7" / 30.66 m
Surface Area	572.6 SF / 53.2 m ²
Volume	18800 gal / 71150 L
Liner Sq. Ft.	576.00 SF

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1 of 1

ITEM #	PART DESCRIPTION	No Step	End Step	Side Step
42102	2' PLAIN PANEL		2	
42106	4' PLAIN PANEL	3	3	1
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	12	10	12
42110	2' RADIUS CORNER PANEL	4	4	4
42146	BRACE SYSTEM COMPLETE	32	31	31
074185NR	8' STEP & REST		1	1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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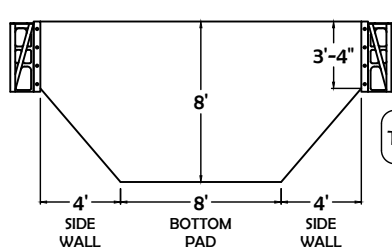
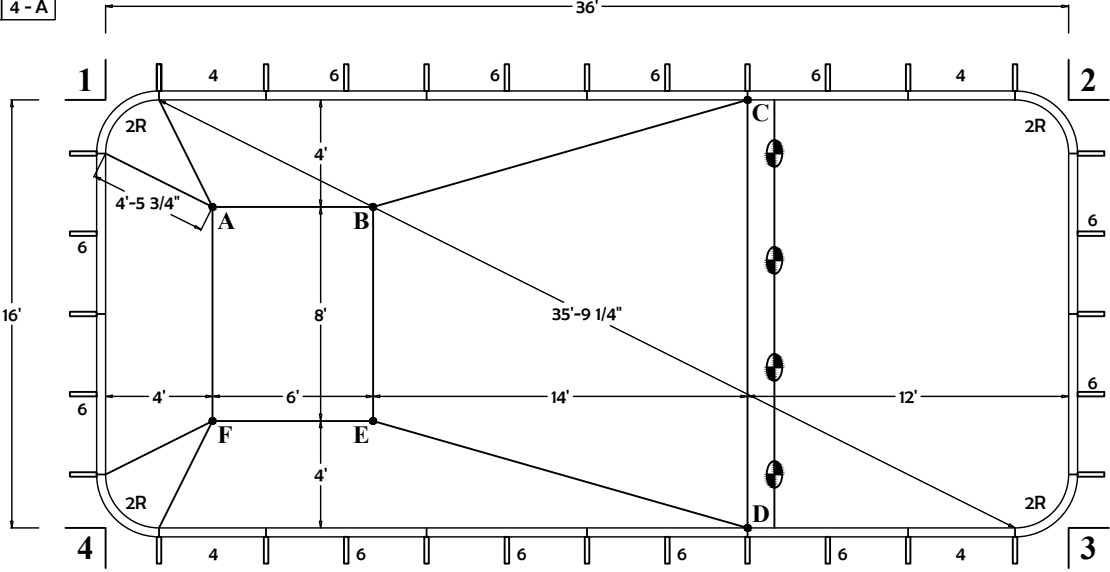
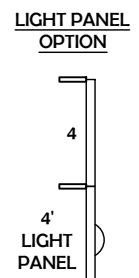
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

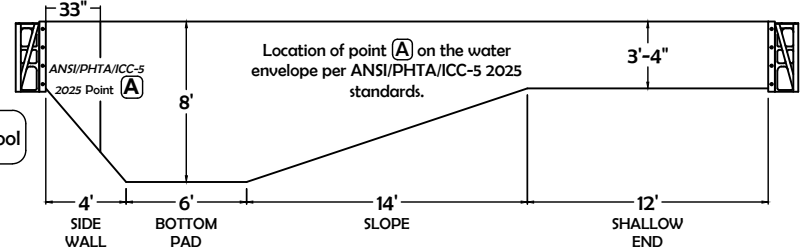
1 - 3	39'-4 3/4"
2 - 4	

8' STEP & REST
(Right Side Step Shown)

2 - A	32'-3"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	20'	3 - C
2 - E	28'-7 3/4"	3 - B
2 - F	34'-2"	3 - A



Type II Pool



16' x 36'

2' Radius w/ Nexus Step

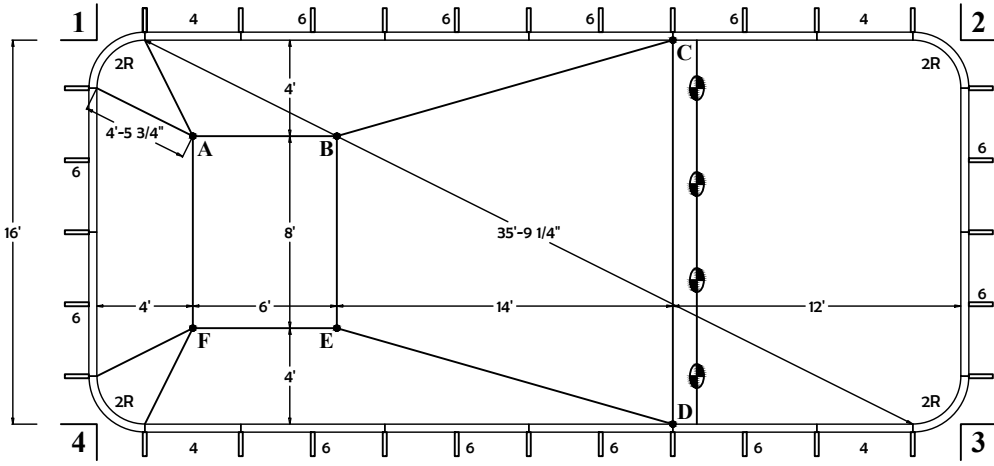
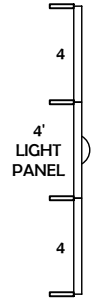
Perimeter	105'-1" / 32.59 m	page 1 of 1
Surface Area	596.6 SF / 56.2 m ²	
Volume	19150 gal / 72500 L	
Liner Sq. Ft.	576.00 SF	

ITEM #	PART DESCRIPTION	End Stair	3 Corner Right	3 Corner Left
42106	4' PLAIN PANEL	4	6	6
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	10	10	10
42110	2' RADIUS CORNER PANEL	6	5	5
42115	VERSA-FLEX PANEL	2	1	1
861625	2'RR STRAP	2	1	1
09115	PUSH NUTS	52	26	26
42146	BRACE SYSTEM COMPLETE	33	34	34
N55007	8' NEXUS STAIR	1		
N55008	8' NEXUS STAIR (3 Corner Right)		1	
N55010	8' NEXUS STAIR (3 Corner Left)			1
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

1 - 3	39'-4 3/4"
2 - 4	

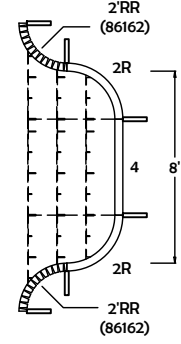
LIGHT PANEL OPTION



NEXUS 8' x 2'R
RIGHT 3 CORNER STEP
(N55008)

2 - A	32'-3"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	20'	3 - C
2 - E	28'-7 3/4"	3 - B
2 - F	34'-2"	3 - A

NEXUS 8' x 2'R
END STEP
(N55007)

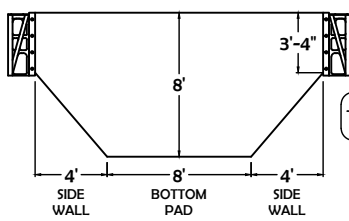


NEXUS 8' x 2'R
LEFT 3 CORNER STEP
(N55010)

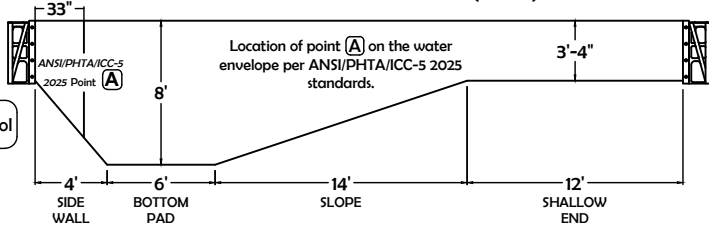
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPSC CODE



Type II Pool



Location of point (A) on the water envelope per ANSI/PHTA/ICC-5 2025 standards.

18' x 36' 2' Radius

Perimeter	104'-7" / 31.88 m	page 1 of 1	No Step	End Step	Side Step
Surface Area	644.5 SF / 59.9 m ²				
Volume	21400 gal / 81000 L				
Liner Sq. Ft.	648.00 SF				

ITEM #	PART DESCRIPTION	No Step	End Step	Side Step
42102	2' PLAIN PANEL	2	1	2
42108	3' PLAIN PANEL		2	
42106	4' PLAIN PANEL	3	3	1
42106S	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	12	10	12
42110	2' RADIUS CORNER PANEL	4	4	4
42146	BRACE SYSTEM COMPLETE	34	32	33
07418SNR	8' STEP & REST		1	1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42102L	2' STANDARD LIGHT PANEL			

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

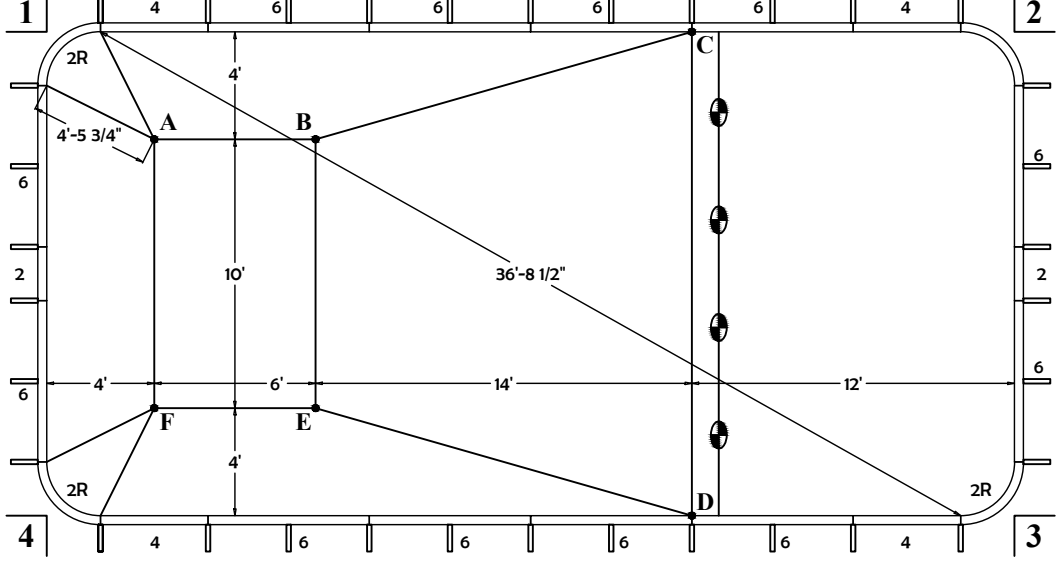
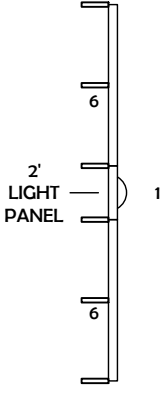
1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	30'	4 - C
1 - E	17'-2 1/2"	4 - B
1 - F	14'-6 3/4"	4 - A

1 - 3	40'-3"
2 - 4	

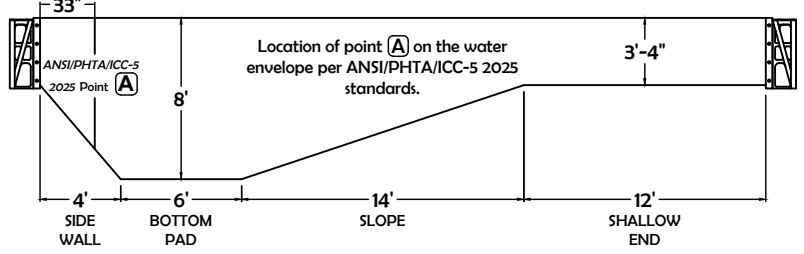
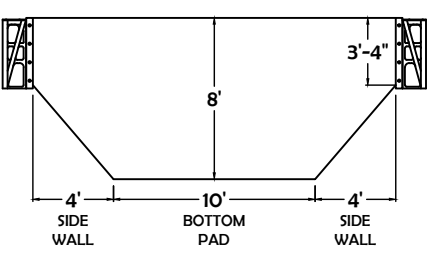
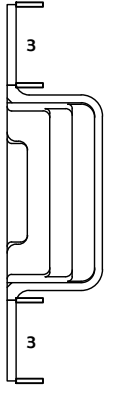
8' STEP & REST
(Right Side Step Shown)

2 - A	32'-3"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	21'-7 1/2"	3 - C
2 - E	29'-6 1/4"	3 - B
2 - F	34'-11 1/4"	3 - A

LIGHT PANEL OPTION



8' STEP & REST OPTION



18' x 36'

2' Radius w/ Nexus Step

Perimeter	80'-7" / 24.56 m	page 1 of 1
Surface Area	388.6 SF / 36.1 m ²	
Volume	11800 gal / 44650 L	
Liner Sq. Ft.	392.00 SF	

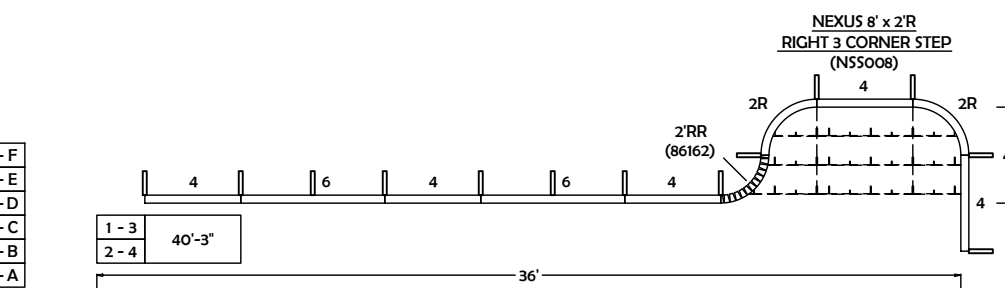
End Stair	3 Corner Right	3 Corner Left
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ITEM #	PART DESCRIPTION	End Stair	3 Corner Right	3 Corner Left
42101	1' PLAIN PANEL	2		
42102	2' PLAIN PANEL	1	2	2
42106	4' PLAIN PANEL	4	6	6
42106S	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	10	10	10
42110	2' RADIUS CORNER PANEL	6	5	5
42115	VERSA-FLEX PANEL	2	1	1
86162S	2'RR STRAP	2	1	1
09115	PUSH NUTS	52	26	26
42146	BRACE SYSTEM COMPLETE	34	35	35
N5S007	8' NEXUS STAIR	1		
N5S008	8' NEXUS STAIR (3 Corner Right)		1	
N5S010	8' NEXUS STAIR (3 Corner Left)			1
86151	CHANNEL-LOC SONOTUBE			
42102L	2' STANDARD LIGHT PANEL			

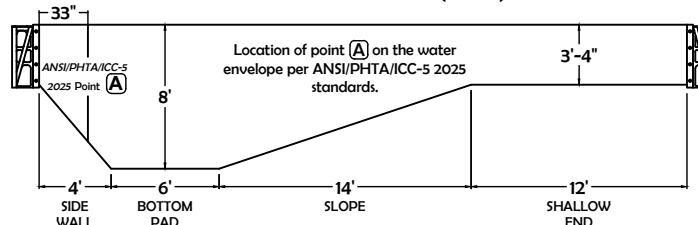
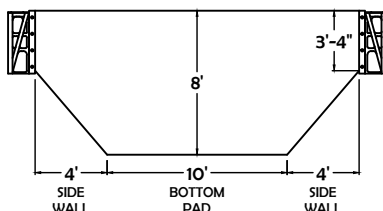
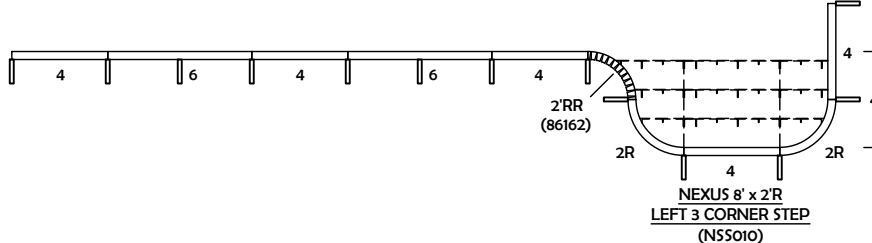
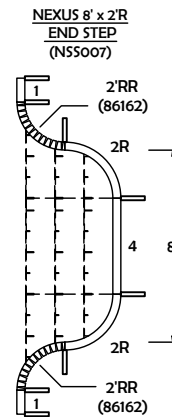
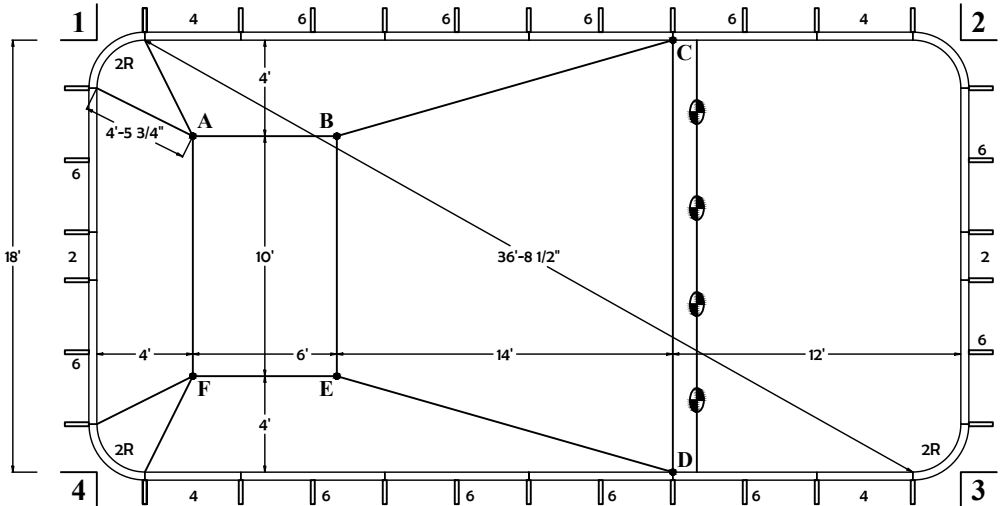
1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	30'	4 - C
1 - E	17'-2 1/2"	4 - B
1 - F	14'-6 3/4"	4 - A

LIGHT PANEL
OPTION

2'
LIGHT
PANEL



2 - A	32'-3"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	21'-7 1/2"	3 - C
2 - E	29'-6 1/4"	3 - B
2 - F	34'-11 1/4"	3 - A



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

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- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

20' x 40'

2' Radius

Perimeter	116'-7"	/	35.53 m
Surface Area	796.6 SF	/	74.0 m ²
Volume	27900 gal	/	105600 L
Liner Sq. Ft.	800.00 SF		

page
1 of 1

No Step
End Step
Side Step

ITEM #	PART DESCRIPTION	No Step	End Step	Side Step
42106	4' PLAIN PANEL	3	4	4
421065	4' SKIMMER PANEL	2	2	2
42107	6' PLAIN PANEL w/ RETURN	14	12	12
42110	2' RADIUS CORNER PANEL	4	4	4
42146	BRACE SYSTEM COMPLETE	37	35	35
07418SNR	8' STEP & REST		1	1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

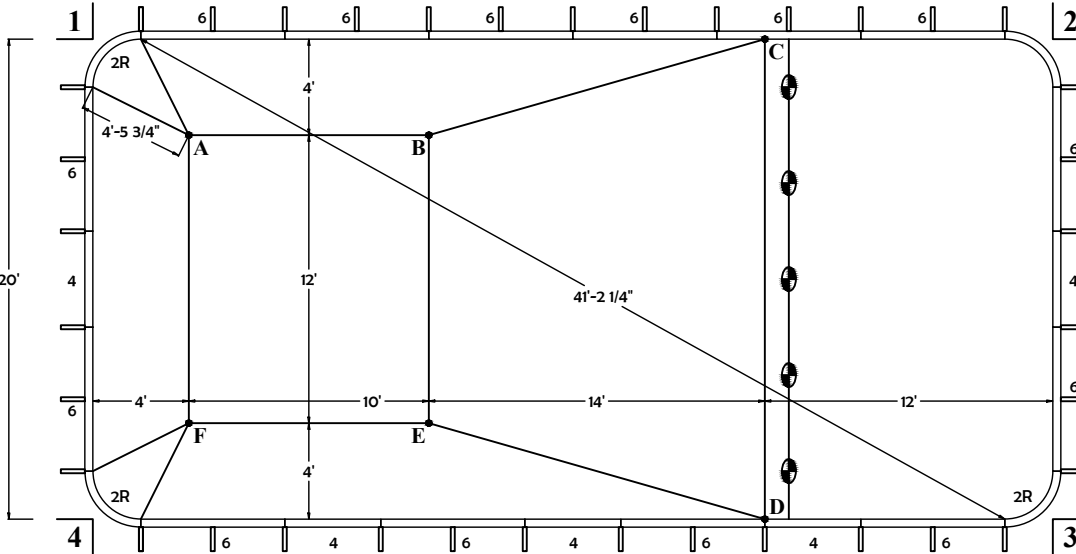
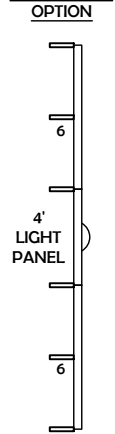
1 - A	5'-8"	4 - F
1 - B	14'-6 3/4"	4 - E
1 - C	28'	4 - D
1 - D	34'-5"	4 - C
1 - E	21'-3"	4 - B
1 - F	16'-6"	4 - A

1 - 3	44'-8 3/4"
2 - 4	

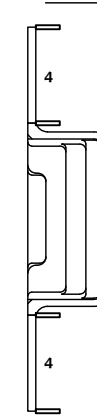
8' STEP & REST
(Right Side Step Shown)

2 - A	36'-2 3/4"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	23'-4"	3 - C
2 - E	30'-6 1/4"	3 - B
2 - F	39'-4 3/4"	3 - A

LIGHT PANEL OPTION



8' STEP & REST OPTION



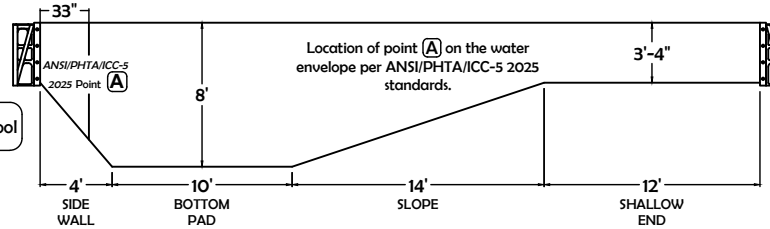
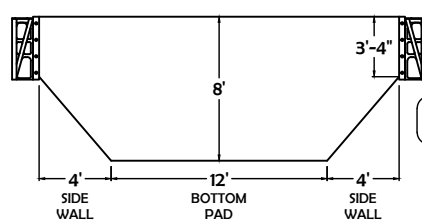
* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1' away from the pool.
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- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



Type II Pool

Location of point (A) on the water envelope per ANSI/PHTA/ICC-5 2025 standards.

20' x 40'

2' Radius w/ Nexus Step

Perimeter	121'-1"	/	37.46 m
Surface Area	828.6 SF	/	77.0 m ²
Volume	28250 gal	/	107000 L
Liner Sq. Ft.	800.00 SF		

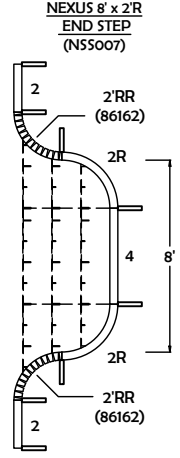
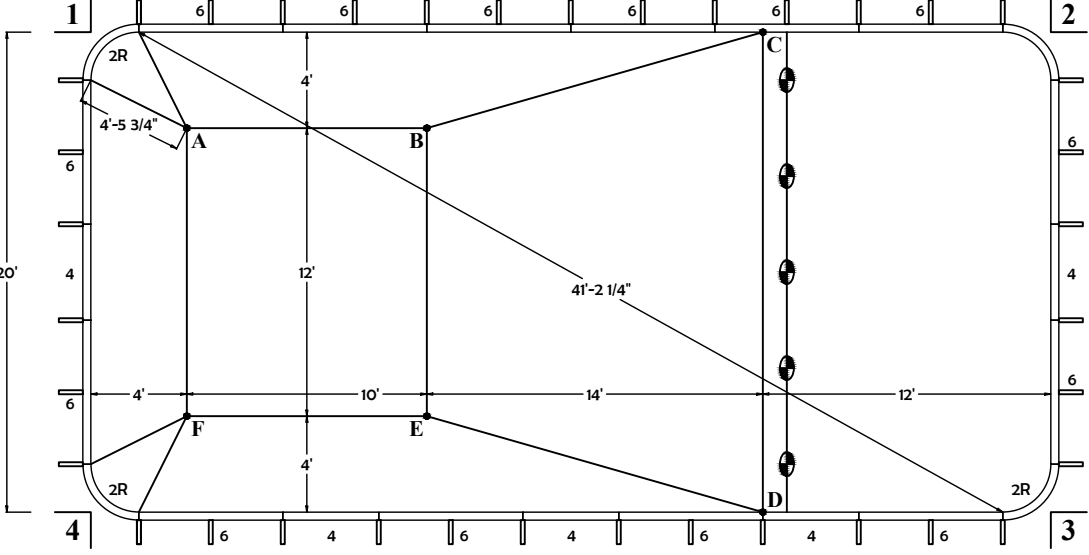
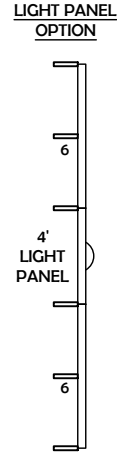
page	1 of 1
End Stair	
3 Corner Right	
3 Corner Left	

ITEM #	PART DESCRIPTION	End Stair	3 Corner Right	3 Corner Left
42102	2' PLAIN PANEL	2		
42106	4' PLAIN PANEL	6	6	6
421065	4' SKIMMER PANEL	2	2	2
42107	6' PLAIN PANEL w/ RETURN	10	12	12
42110	2' RADIUS CORNER PANEL	6	5	5
42115	VERSA-FLEX PANEL	2	1	1
861625	2'RR STRAP	2	1	1
09115	PUSH NUTS	52	26	26
42146	BRACE SYSTEM COMPLETE	38	38	38
N55007	8' NEXUS STAIR	1		
N55008	8' NEXUS STAIR (3 Corner Right)		1	
N55010	8' NEXUS STAIR (3 Corner Left)			1
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

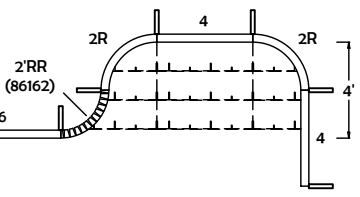
1-A	5'-8"	4-F
1-B	14'-6 3/4"	4-E
1-C	28'	4-D
1-D	34'-5"	4-C
1-E	21'-3"	4-B
1-F	16'-6"	4-A

1-3	44'-8 3/4"
2-4	

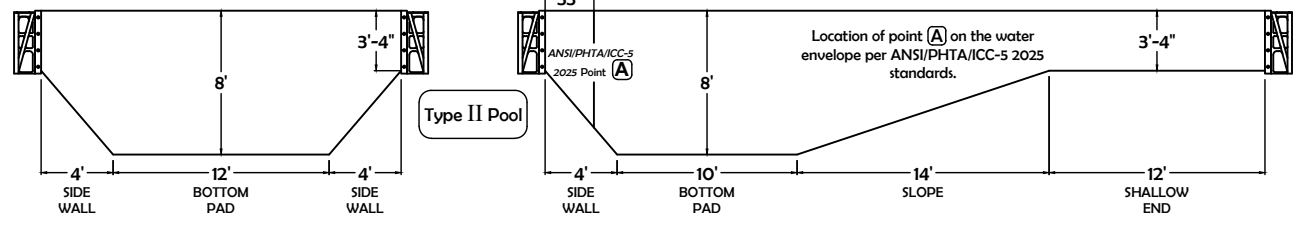
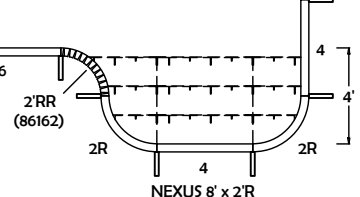
2-A	36'-2 3/4"	3-F
2-B	26'-3 3/4"	3-E
2-C	12'	3-D
2-D	23'-4"	3-C
2-E	30'-6 1/4"	3-B
2-F	39'-4 3/4"	3-A



NEXUS 8' x 2R
RIGHT 3 CORNER STEP
(N55008)



NEXUS 8' x 2R
LEFT 3 CORNER STEP
(N55010)



Type II Pool

Location of point (A) on the water envelope per ANSI/PHTA/ICC-5 2025 standards.

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- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

4'
 4'
 ↓

16' x 38' x 24' Left 2' Radius 90 Degree EL

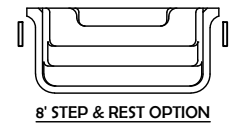
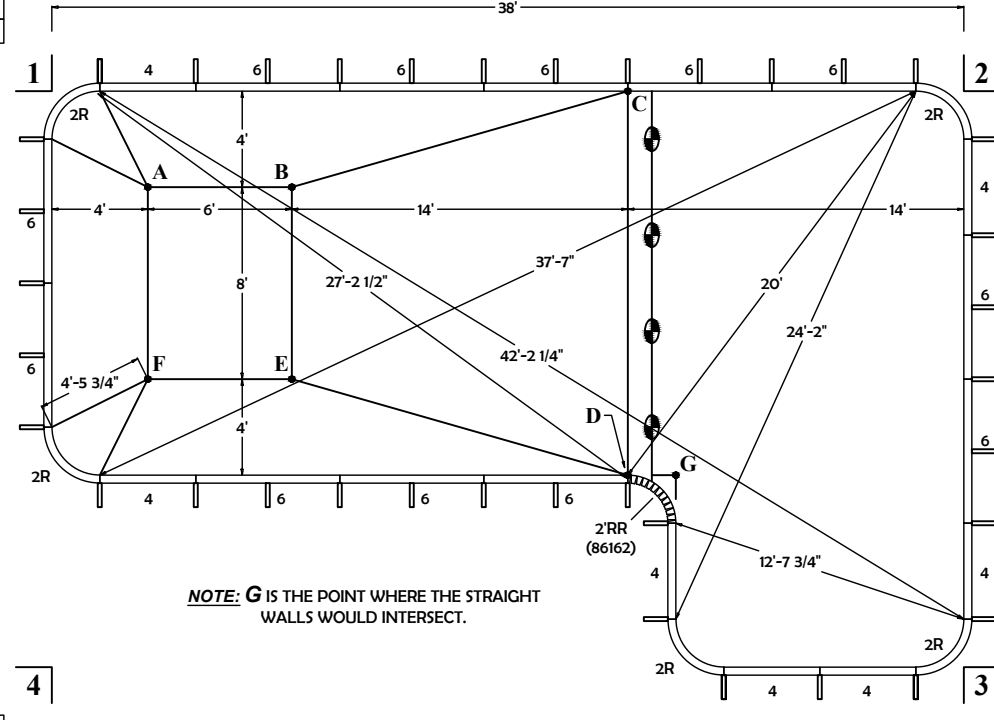
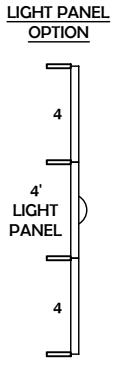
Perimeter	119' / 36.27 m	page 1 of 1
Surface Area	700.6 SF / 65.1 m ²	
Volume	21600 gal / 81750 L	
Liner Sq. Ft.	704.00 SF	

ITEM #	PART DESCRIPTION	No Step	End Step
42106	4' PLAIN PANEL	5	3
421065	4' SKIMMER PANEL	2	2
42107	6' PLAIN PANEL w/ RETURN	12	12
42110	2' RADIUS CORNER PANEL	5	5
42115	VERSA-FLEX PANEL	1	1
861625	2'RR STRAP	1	1
09115	PUSH NUTS	26	26
42146	BRACE SYSTEM COMPLETE	37	36
074185NR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	28'-10 1/4"
1 - E	15'-7 1/2"
1 - F	12'-7 3/4"
1 - G	30'-6 1/4"

1 - 3	44'-11 1/4"
2 - 4	

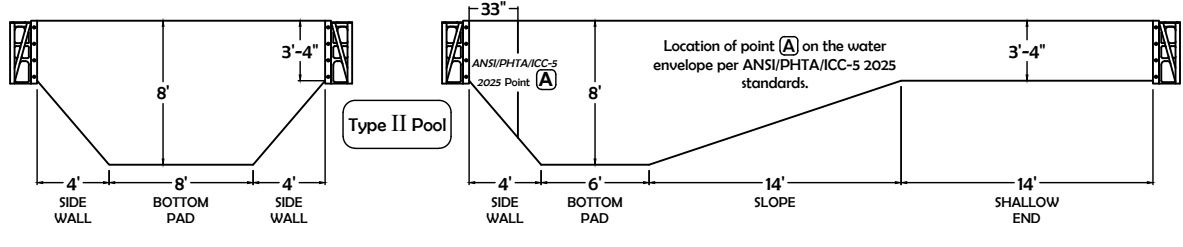
2 - A	34'-2 3/4"
2 - B	28'-3 1/2"
2 - C	14'
2 - D	21'-3"
2 - E	30'-5 1/2"
2 - F	36'-0 3/4"
2 - G	20'



4 - A	20'-4 3/4"
4 - B	22'-4 1/4"
4 - C	33'-11 1/4"
4 - D	25'-3 1/2"
4 - E	15'-7 1/2"
4 - F	12'-7 3/4"
4 - G	27'-2 1/2"

3 - A	39'-5 1/4"
3 - B	34'-5"
3 - C	27'-9 1/2"
3 - D	16'-1 1/2"
3 - E	30'-5 1/2"
3 - F	36'-0 3/4"
3 - G	14'-5"

- * - Use Bolts at Step Connection
- DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.**
- The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.
- WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.
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 - Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
 - All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
 - Backfill with clean earth, free of roots and debris.
 - Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
 - 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
 - NO DIVING labels are to be installed around the perimeter of the pool.
 - A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
 - Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



16' x 38' x 24' Right 2' Radius 90 Degree EL

Perimeter	119' / 36.27 m
Surface Area	700.6 SF / 65.1 m ²
Volume	21600 gal / 81750 L
Liner Sq. Ft.	704.00 SF

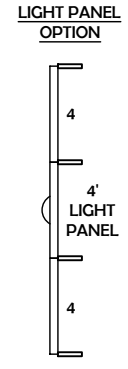
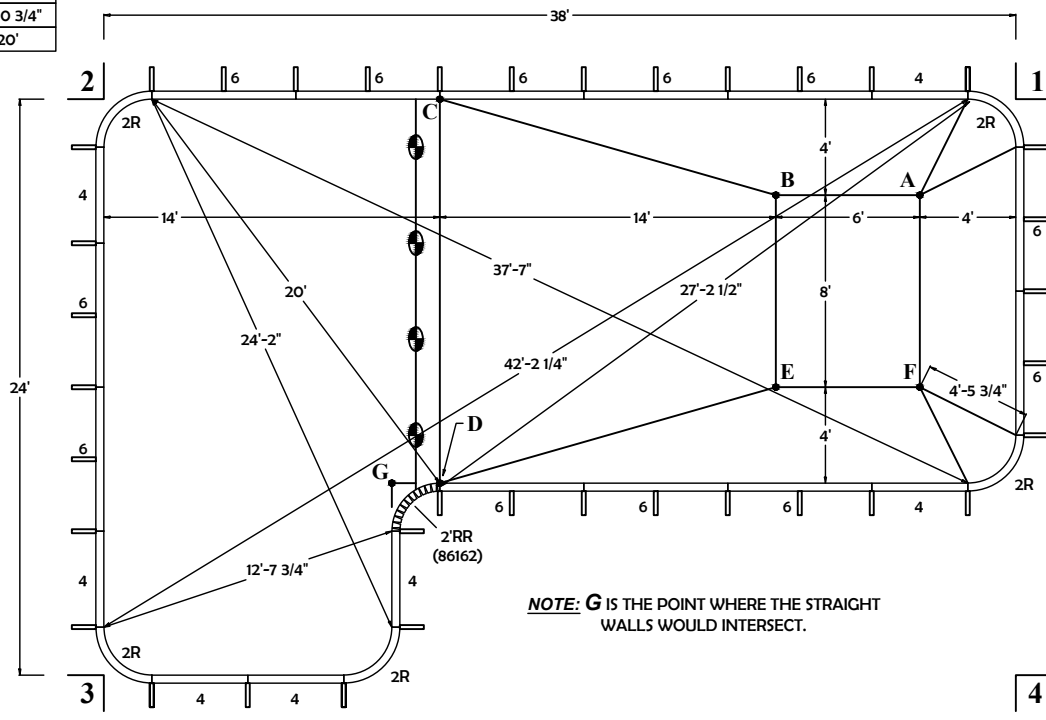
page
1 of 1

ITEM #	PART DESCRIPTION	No Step	End Step
42106	4' PLAIN PANEL	5	3
421065	4' SKIMMER PANEL	2	2
42107	6' PLAIN PANEL w/ RETURN	12	12
42110	2' RADIUS CORNER PANEL	5	5
42115	VERSA-FLEX PANEL	1	1
861625	2'RR STRAP	1	1
09115	PUSH NUTS	26	26
42146	BRACE SYSTEM COMPLETE	37	36
074185NR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		

2-A	34'-2 3/4"
2-B	28'-3 1/2"
2-C	14'
2-D	21'-3"
2-E	30'-5 1/2"
2-F	36'-0 3/4"
2-G	20'

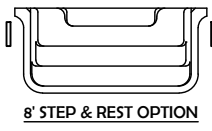
1-3	44'-11 1/4"
2-4	

1-A	5'-8"
1-B	10'-9 1/4"
1-C	24'
1-D	28'-10 1/4"
1-E	15'-7 1/2"
1-F	12'-7 3/4"
1-G	30'-6 1/4"



3-A	39'-5 1/4"
3-B	34'-5"
3-C	27'-9 1/2"
3-D	16'-11 1/2"
3-E	30'-5 1/2"
3-F	36'-0 3/4"
3-G	14'-5"

4-A	20'-4 3/4"
4-B	22'-4 1/4"
4-C	33'-11 1/4"
4-D	25'-3 1/2"
4-E	15'-7 1/2"
4-F	12'-7 3/4"
4-G	27'-2 1/2"

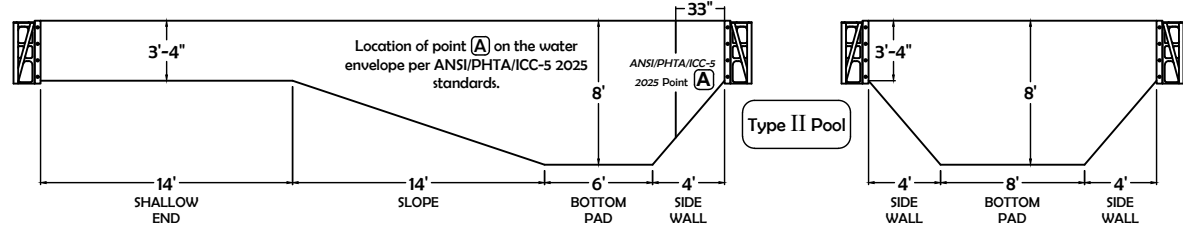


* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



18' x 38' x 26' Left
2' Radius 90 Degree EL

Perimeter	123' / 37.49 m	page 1 of 1	No Step End Step
Surface Area	776.6 SF / 72.1 m ²		
Volume	24200 gal / 91600 L		
Liner Sq. Ft.	780.00 SF		

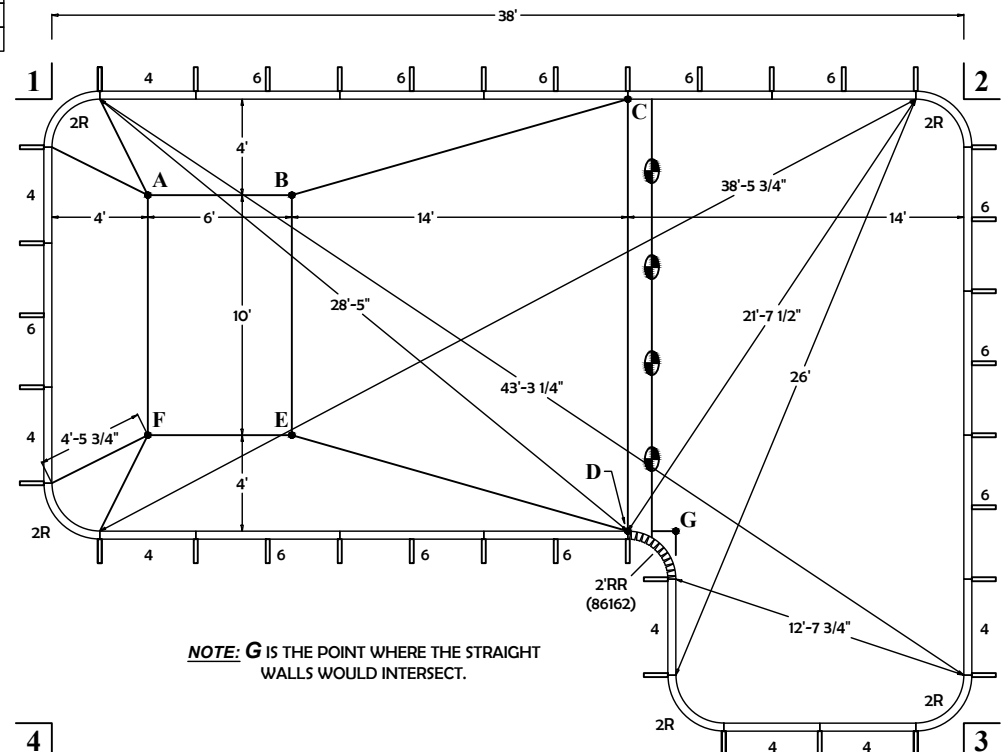
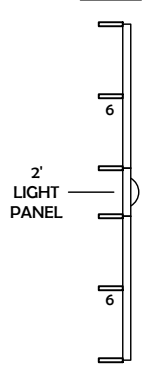
ITEM #	PART DESCRIPTION	No Step	End Step
42106	4' PLAIN PANEL	6	4
421065	4' SKIMMER PANEL	2	2
42107	6' PLAIN PANEL w/ RETURN	12	12
42110	2' RADIUS CORNER PANEL	5	5
42115	VERSA-FLEX PANEL	1	1
861625	2'RR STRAP	1	1
09115	PUSH NUTS	26	26
42146	BRACE SYSTEM COMPLETE	38	37
074185NR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42102L	2' STANDARD LIGHT PANEL		

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	30'
1 - E	17'-2 1/2"
1 - F	14'-6 3/4"
1 - G	31'-7 1/2"

1 - 3	46'-0 1/2"
2 - 4	

2 - A	34'-2 3/4"
2 - B	28'-3 1/2"
2 - C	14'
2 - D	22'-9 3/4"
2 - E	31'-3 3/4"
2 - F	36'-9 1/4"
2 - G	21'-7 1/2"

LIGHT PANEL OPTION



NOTE: G IS THE POINT WHERE THE STRAIGHT WALLS WOULD INTERSECT.



* - Use Bolts at Step Connection

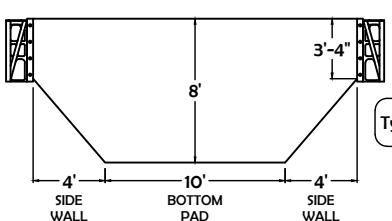
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
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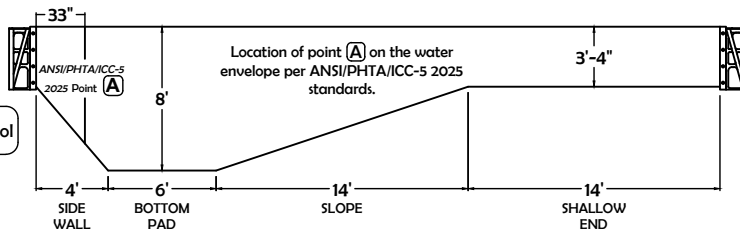
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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

4 - A	22'-4 1/4"
4 - B	24'-2"
4 - C	35'-4 1/2"
4 - D	25'-3 1/2"
4 - E	15'-7 1/2"
4 - F	12'-7 3/4"
4 - G	27'-2 1/2"

3 - A	40'-6"
3 - B	35'-7 1/4"
3 - C	29'-6 1/4"
3 - D	16'-1 1/2"
3 - E	30'-5 1/2"
3 - F	36'-0 3/4"
3 - G	14'-5"



Type II Pool



Location of point (A) on the water envelope per ANSI/PHTA/ICC-5 2025 standards.

18' x 38' x 26' Right 2' Radius 90 Degree EL

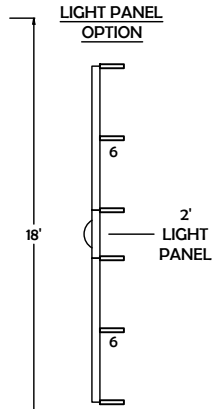
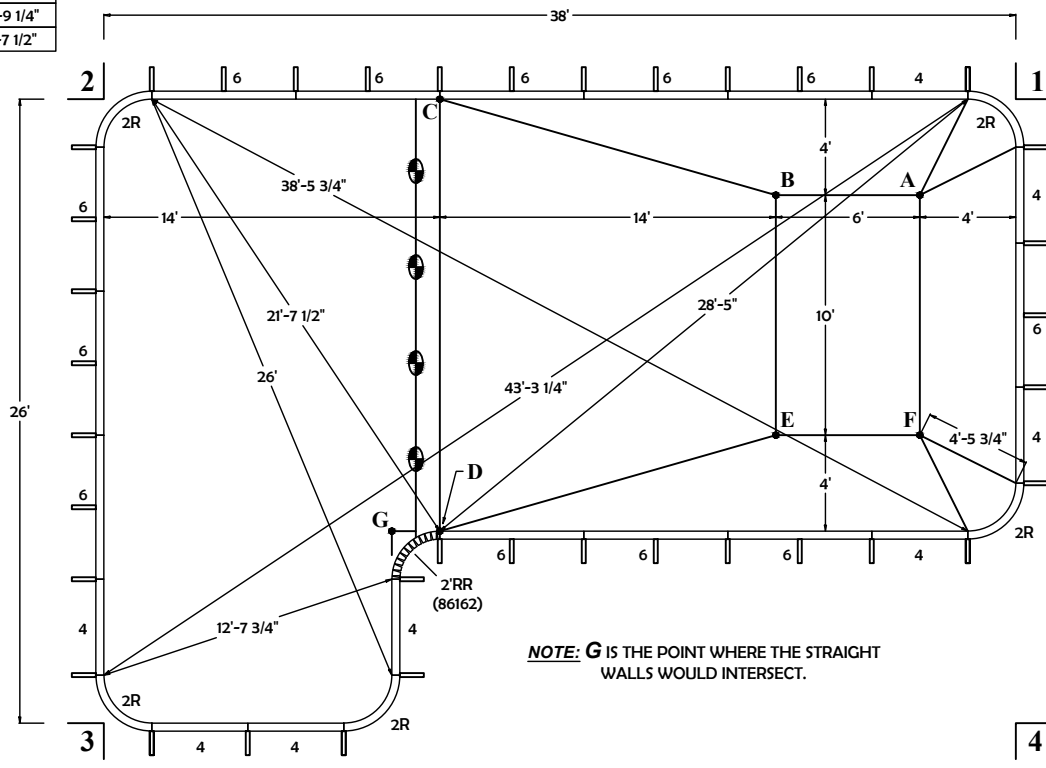
Perimeter	123' / 37.49 m	page 1 of 1	No Step	End Step
Surface Area	776.6 SF / 72.1 m ²			
Volume	24200 gal / 91600 L			
Liner Sq. Ft.	780.00 SF			

ITEM #	PART DESCRIPTION	No Step	End Step
42106	4' PLAIN PANEL	6	4
421065	4' SKIMMER PANEL	2	2
42107	6' PLAIN PANEL w/ RETURN	12	12
42110	2' RADIUS CORNER PANEL	5	5
42115	VERSA-FLEX PANEL	1	1
861625	2'RR STRAP	1	1
09115	PUSH NUTS	26	26
42146	BRACE SYSTEM COMPLETE	38	37
074185NR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42102L	2' STANDARD LIGHT PANEL		

2 - A	34'-2 3/4"
2 - B	28'-3 1/2"
2 - C	14'
2 - D	22'-9 3/4"
2 - E	31'-3 3/4"
2 - F	36'-9 1/4"
2 - G	21'-7 1/2"

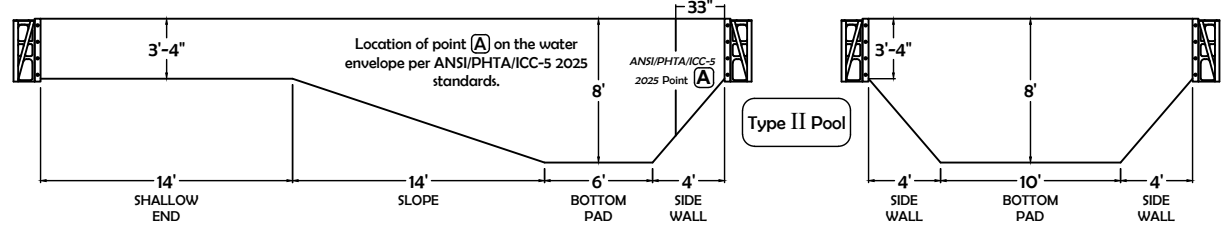
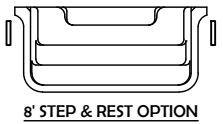
1 - 3	46'-0 1/2"
2 - 4	

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	30'
1 - E	17'-2 1/2"
1 - F	14'-6 3/4"
1 - G	31'-7 1/2"



3 - A	40'-6"
3 - B	35'-7 1/4"
3 - C	29'-6 1/4"
3 - D	16'-1 1/2"
3 - E	30'-5 1/2"
3 - F	36'-0 3/4"
3 - G	14'-5"

4 - A	22'-4 1/4"
4 - B	24'-2"
4 - C	35'-4 1/2"
4 - D	25'-3 1/2"
4 - E	15'-7 1/2"
4 - F	12'-7 3/4"
4 - G	27'-2 1/2"



* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
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- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

20' x 44' x 30' Right 2' Radius 90 Degree EL

Perimeter	143' / 43.59 m
Surface Area	1036.6 SF / 96.3 m ²
Volume	31850 gal / 120550 L
Liner Sq. Ft.	1040.00 SF

page	1 of 1	No Step	End Step

ITEM #	PART DESCRIPTION	No Step	End Step
42102	2' PLAIN PANEL	2	2
42106	4' PLAIN PANEL	2	2
421065	4' SKIMMER PANEL	2	2
42107	6' PLAIN PANEL w/ RETURN	18	16
42110	2' RADIUS CORNER PANEL	5	5
42115	VERSA-FLEX PANEL	1	1
861625	2'RR STRAP	1	1
09115	PUSH NUTS	26	26
42146	BRACE SYSTEM COMPLETE	45	46
074185NR	8' STEP & REST	1	
148838	3/8"-16X HEX BOLT	12*	
149664	3/8"-16 HEX NUT	12*	
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

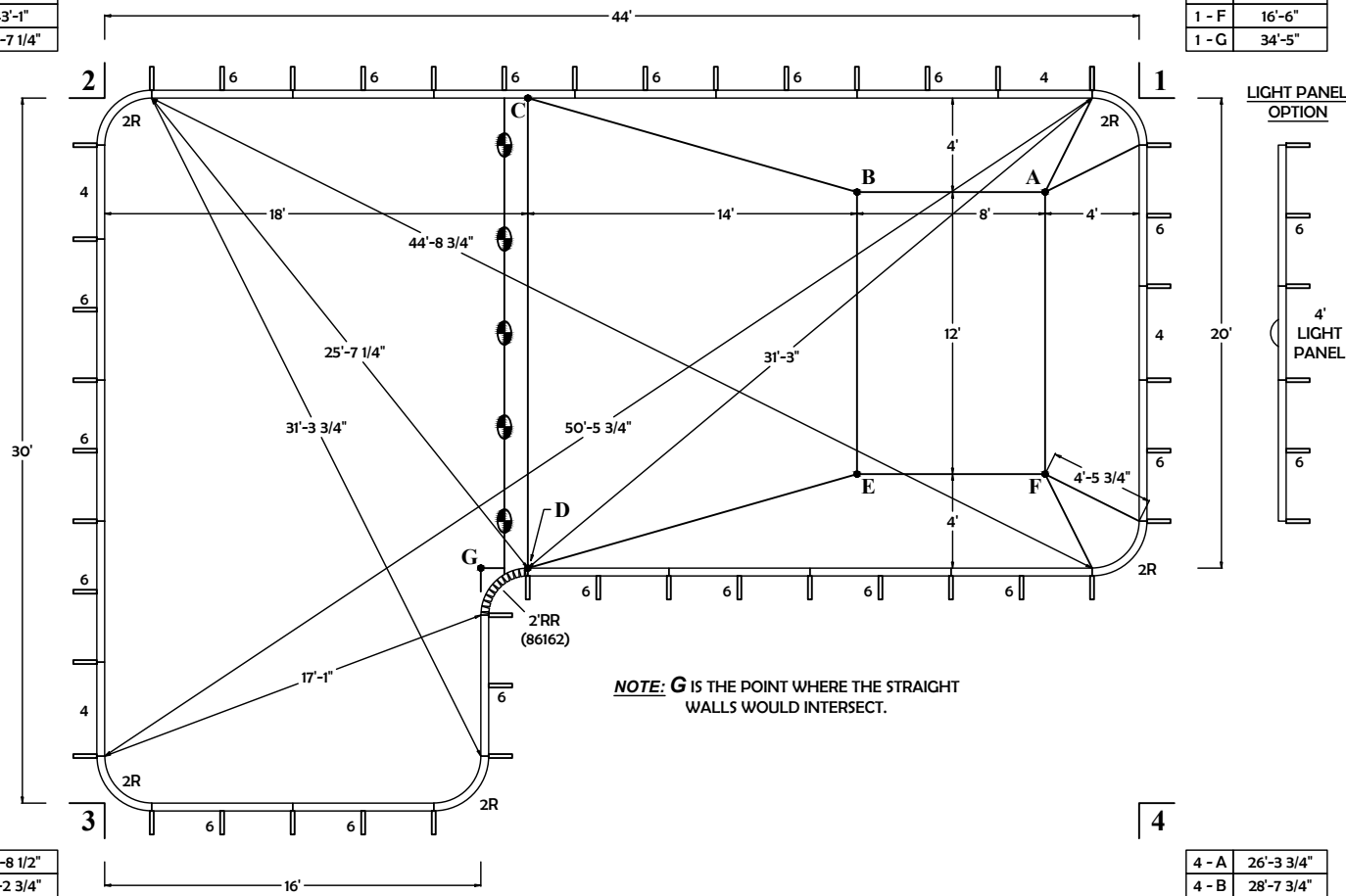
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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPSC CODE

2 - A	40'-2 1/2"
2 - B	32'-3"
2 - C	18'
2 - D	26'-11"
2 - E	35'-9 1/4"
2 - F	43'-1"
2 - G	25'-7 1/4"

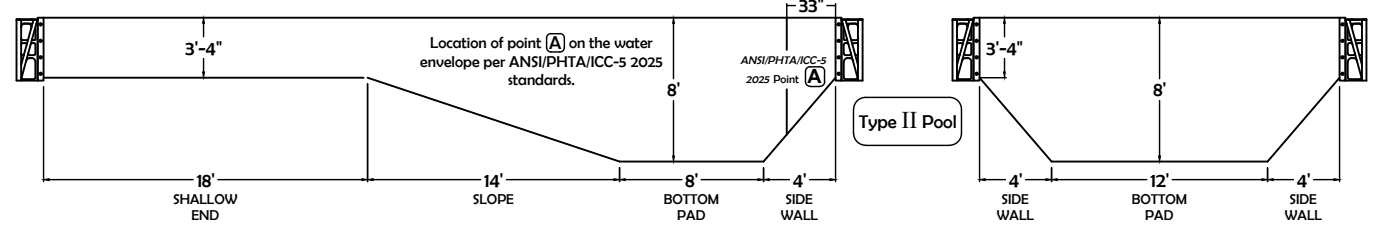
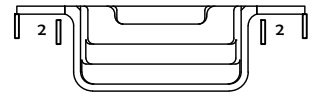
1 - 3	53'-3"
2 - 4	

1 - A	5'-8"
1 - B	12'-7 3/4"
1 - C	26'
1 - D	32'-9 3/4"
1 - E	20'
1 - F	16'-6"
1 - G	34'-5"



3 - A	47'-8 1/2"
3 - B	41'-2 3/4"
3 - C	34'-11 3/4"
3 - D	20'-7"
3 - E	34'-11 1/4"
3 - F	42'-4 1/2"
3 - G	18'-10 1/2"

4 - A	26'-3 3/4"
4 - B	28'-7 3/4"
4 - C	39'-8 1/2"
4 - D	27'-10 1/4"
4 - E	18'-5 1/4"
4 - F	14'-6 3/4"
4 - G	29'-8 3/4"



18' x 43' Right 2' Radius Lazy EL

Perimeter	114'-10" / 35.00 m	page 1 of 1	No Step	End Step
Surface Area	740.3 SF / 68.8 m ²			
Volume	23400 gal / 88550 L			
Liner Sq. Ft.	878.6250 SF			

ITEM #	PART DESCRIPTION	No Step	End Step
42100	6" PLAIN PANEL	1	1
42108	3" PLAIN PANEL		2
42105	3'6" PLAIN PANEL	1	1
42106	4' PLAIN PANEL	6	4
42106S	4' SKIMMER PANEL	2	2
42107	6' PLAIN PANEL w/ RETURN	10	9
42110	2' RADIUS CORNER PANEL	4	4
42115	VERSA-FLEX PANEL	2	2
86163S	4'RR STRAP	1	1
86155S	4'R STRAP	1	1
09115	PUSH NUTS	52	52
42146	BRACE SYSTEM COMPLETE	36	35
07418SNR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42102L	2' STANDARD LIGHT PANEL		

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

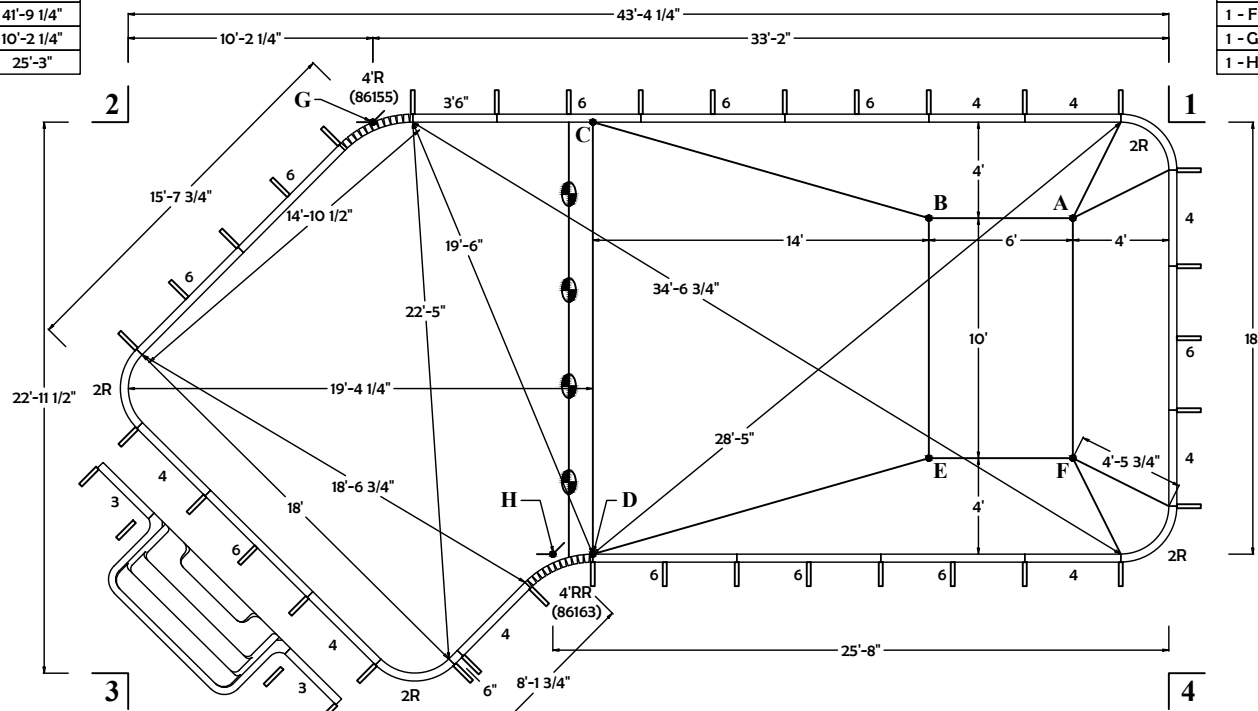
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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

2 - A	39'-6 3/4"
2 - B	33'-7 1/4"
2 - C	19'-4 1/4"
2 - D	26'-5 1/4"
2 - E	36'-2"
2 - F	41'-9 1/4"
2 - G	10'-2 1/4"
2 - H	25'-3"

1 - 3	49'-0 3/4"
2 - 4	

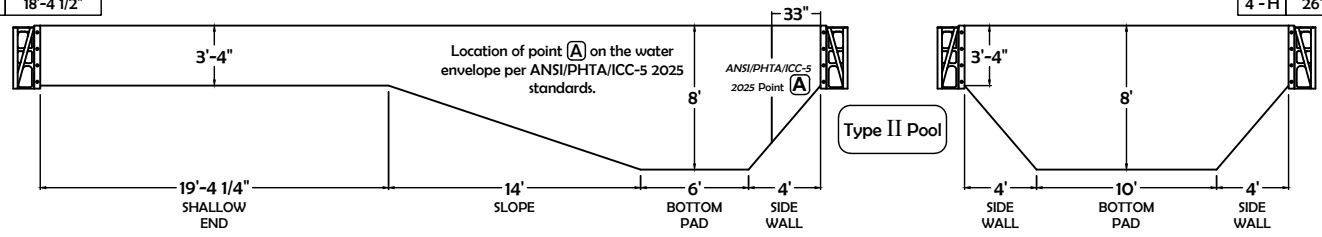
1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	30'
1 - E	17'-2 1/2"
1 - F	14'-6 3/4"
1 - G	33'-2"
1 - H	31'-4 1/4"



3 - A	43'-8 1/4"
3 - B	38'-4 1/2"
3 - C	30'-0 1/4"
3 - D	19'-11 3/4"
3 - E	34'-6 1/2"
3 - F	40'-4 1/4"
3 - G	25'-1 1/2"
3 - H	18'-4 1/2"

4 - A	19'-4 1/2"
4 - B	21'-5 1/4"
4 - C	33'-2 1/2"
4 - D	24'-6"
4 - E	13'-5"
4 - F	9'-9 3/4"
4 - G	40'-4"
4 - H	26'-1 3/4"

NOTE: G & H ARE THE POINTS WHERE THE STRAIGHT WALLS WOULD INTERSECT.



18' x 43' Left 2' Radius Lazy EL w/ Nexus Step

Perimeter	119'-4" / 36.37 m
Surface Area	772.3 SF / 71.8 m ²
Volume	23750 gal / 89900 L
Liner Sq. Ft.	878.6250 SF

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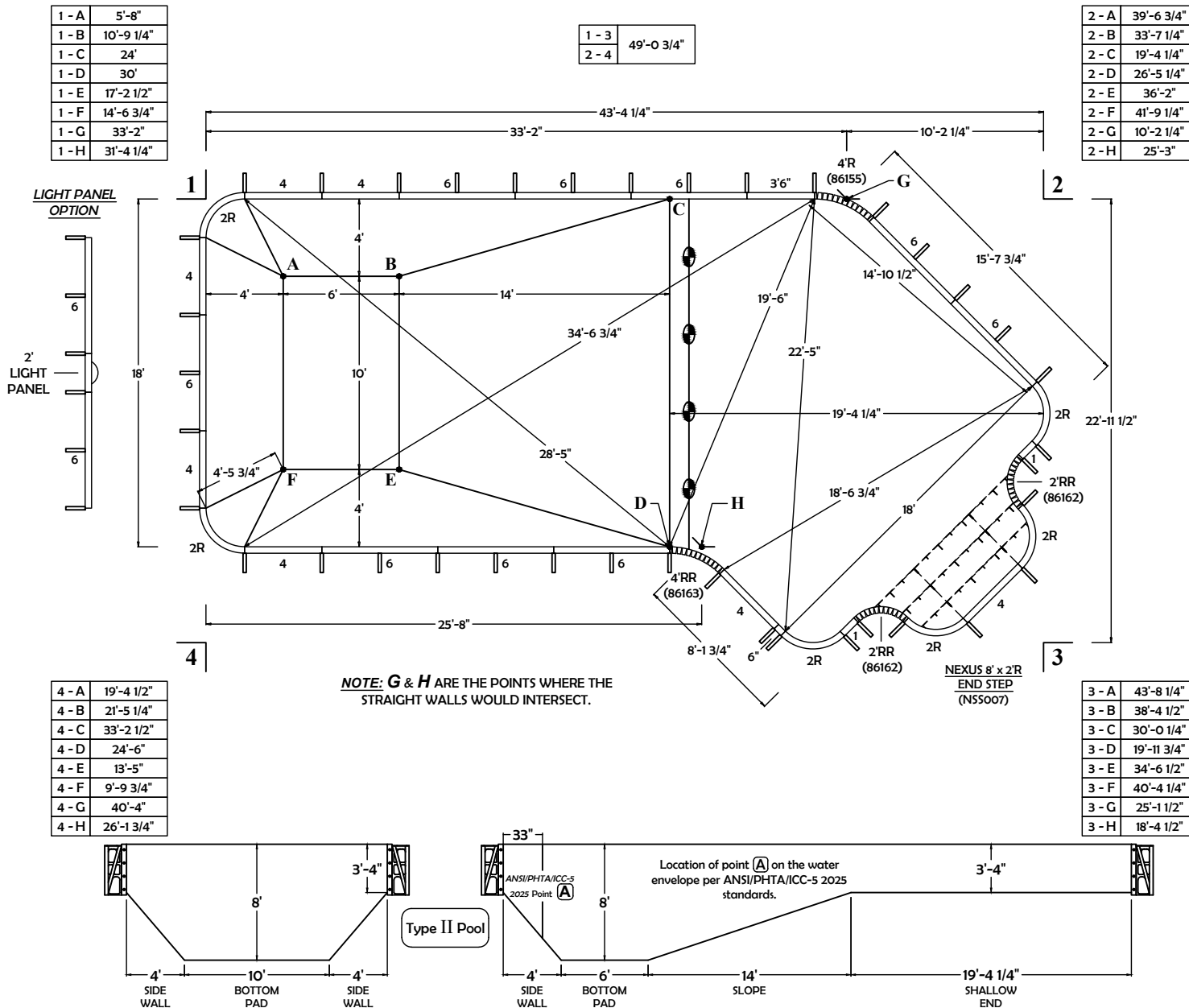
ITEM #	PART DESCRIPTION	End Stair
42100	6" PLAIN PANEL	1
42101	1' PLAIN PANEL	2
42105	3'6" PLAIN PANEL	1
42106	4' PLAIN PANEL	5
42106S	4' SKIMMER PANEL	2
42107	6' PLAIN PANEL w/ RETURN	9
42110	2' RADIUS CORNER PANEL	6
42115	VERSA-FLEX PANEL	4
86155S	4'R STRAP	1
86163S	4'RR STRAP	1
86162S	2'RR STRAP	2
09115	PUSH NUTS	104
42146	BRACE SYSTEM COMPLETE	39
NSS007	8' NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42102L	2' STANDARD LIGHT PANEL	

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE



1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	30'
1 - E	17'-2 1/2"
1 - F	14'-6 3/4"
1 - G	33'-2"
1 - H	31'-4 1/4"

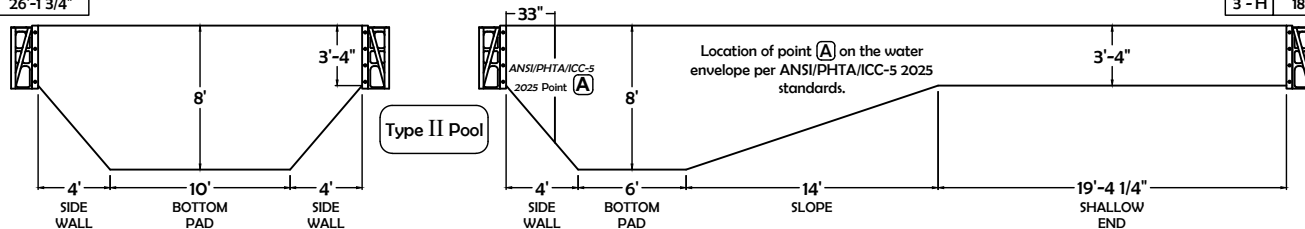
1 - 3	49'-0 3/4"
2 - 4	

2 - A	39'-6 3/4"
2 - B	33'-7 1/4"
2 - C	19'-4 1/4"
2 - D	26'-5 1/4"
2 - E	36'-2"
2 - F	41'-9 1/4"
2 - G	10'-2 1/4"
2 - H	25'-3"

4 - A	19'-4 1/2"
4 - B	21'-5 1/4"
4 - C	33'-2 1/2"
4 - D	24'-6"
4 - E	13'-5"
4 - F	9'-9 3/4"
4 - G	40'-4"
4 - H	26'-1 3/4"

3 - A	43'-8 1/4"
3 - B	38'-4 1/2"
3 - C	30'-0 1/4"
3 - D	19'-11 3/4"
3 - E	34'-6 1/2"
3 - F	40'-4 1/4"
3 - G	25'-1 1/2"
3 - H	18'-4 1/2"

NOTE: G & H ARE THE POINTS WHERE THE STRAIGHT WALLS WOULD INTERSECT.



18' x 43' Right 2' Radius Lazy EL w/ Nexus Step

Perimeter	119'-4" / 36.37 m
Surface Area	772.3 SF / 71.8 m ²
Volume	23750 gal / 89900 L
Liner Sq. Ft.	878.6250 SF

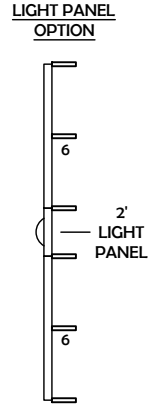
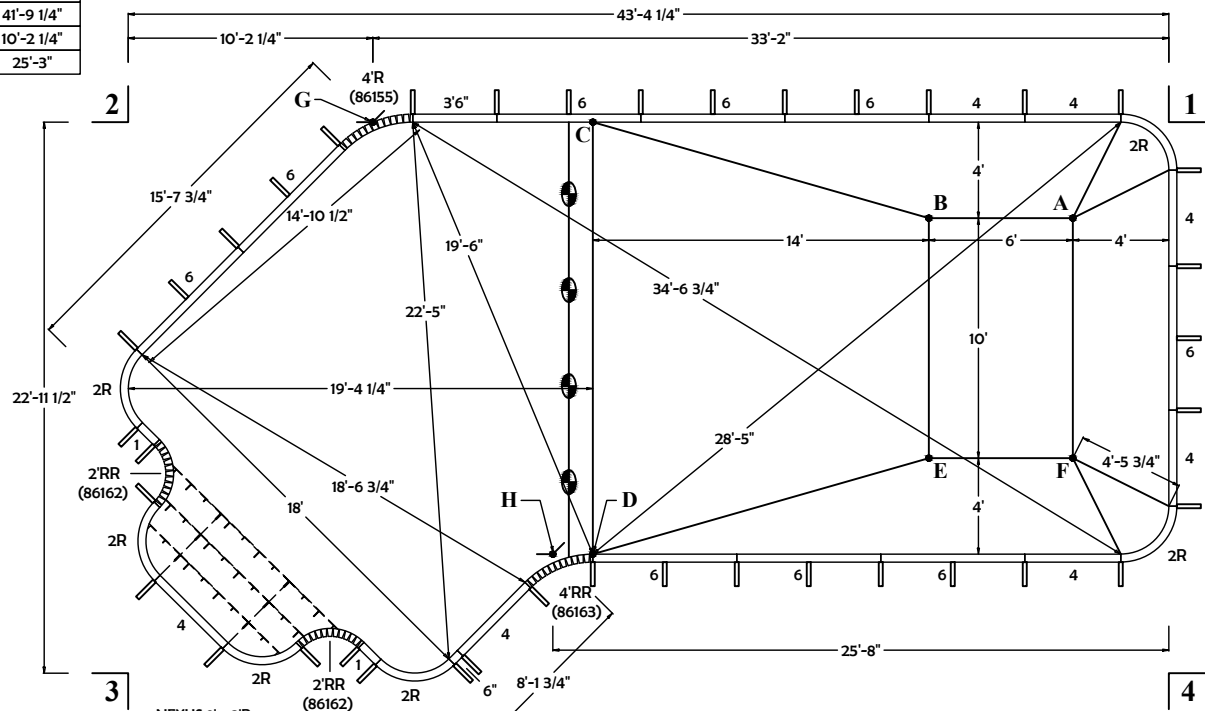
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1 of 1

ITEM #	PART DESCRIPTION	End Stair
42100	6" PLAIN PANEL	1
42101	1' PLAIN PANEL	2
42105	3'6" PLAIN PANEL	1
42106	4' PLAIN PANEL	5
42106S	4' SKIMMER PANEL	2
42107	6' PLAIN PANEL w/ RETURN	9
42110	2' RADIUS CORNER PANEL	6
42115	VERSA-FLEX PANEL	4
86155S	4'R STRAP	1
86163S	4'RR STRAP	1
86162S	2'RR STRAP	2
09115	PUSH NUTS	104
42146	BRACE SYSTEM COMPLETE	39
N55007	8' NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42102L	2' STANDARD LIGHT PANEL	

2 - A	39'-6 3/4"
2 - B	33'-7 1/4"
2 - C	19'-4 1/4"
2 - D	26'-5 1/4"
2 - E	36'-2"
2 - F	41'-9 1/4"
2 - G	10'-2 1/4"
2 - H	25'-3"

1 - 3	49'-0 3/4"
2 - 4	

1 - A	5'-8"
1 - B	10'-9 1/4"
1 - C	24'
1 - D	30'
1 - E	17'-2 1/2"
1 - F	14'-6 3/4"
1 - G	33'-2"
1 - H	31'-4 1/4"



3 - A	43'-8 1/4"
3 - B	38'-4 1/2"
3 - C	30'-0 1/4"
3 - D	19'-11 3/4"
3 - E	34'-6 1/2"
3 - F	40'-4 1/4"
3 - G	25'-1 1/2"
3 - H	18'-4 1/2"

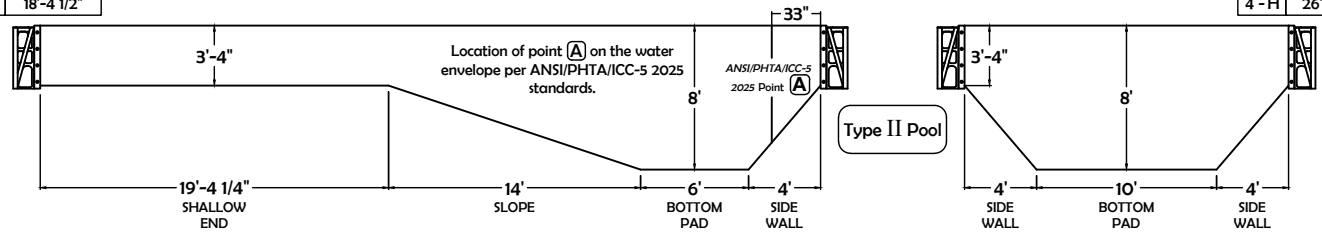
4 - A	19'-4 1/2"
4 - B	21'-5 1/4"
4 - C	33'-2 1/2"
4 - D	24'-6"
4 - E	13'-5"
4 - F	9'-9 3/4"
4 - G	40'-4"
4 - H	26'-1 3/4"

NOTE: G & H ARE THE POINTS WHERE THE STRAIGHT WALLS WOULD INTERSECT.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
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4'
4'

16' x 32'
4' Radius

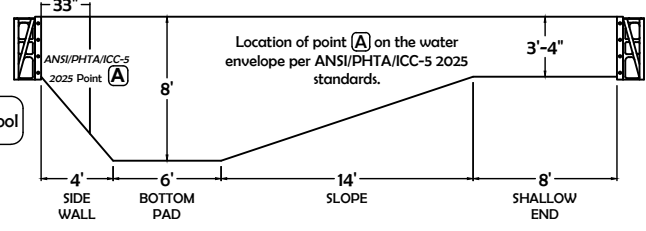
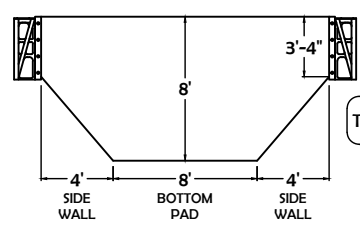
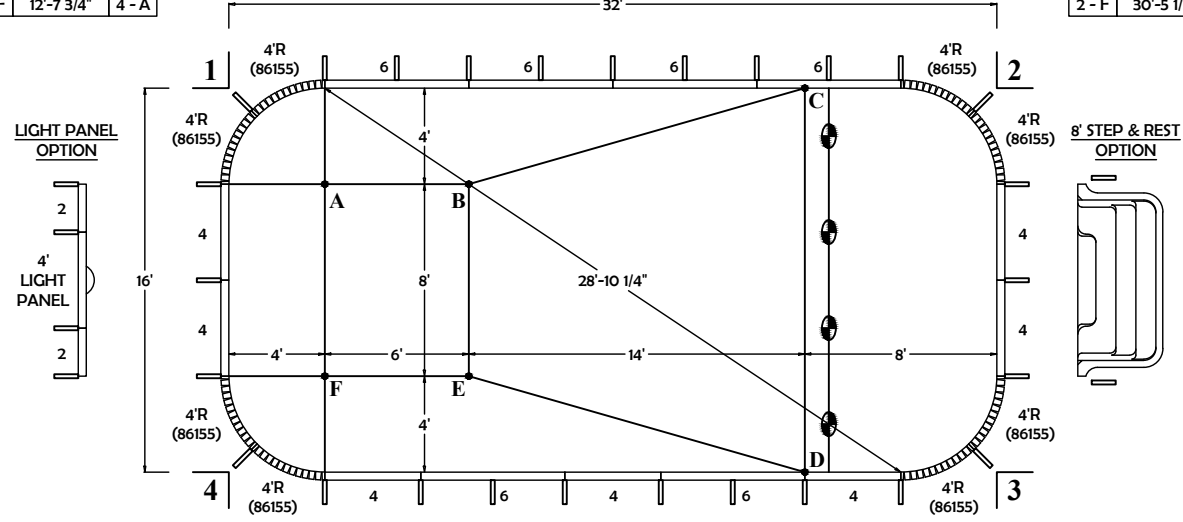
Perimeter	89'-2" / 27.18 m	page 1 of 1	No Step	End Step
Surface Area	498.3 SF / 46.3 m ²			
Volume	17200 gal / 65100 L			
Liner Sq. Ft.	512.00 SF			

ITEM #	PART DESCRIPTION	No Step	End Step
42102	2' PLAIN PANEL		
42106	4' PLAIN PANEL	6	4
421065	4' SKIMMER PANEL	1	1
42107	6' PLAIN PANEL w/ RETURN	6	6
42115	VERSA-FLEX PANEL	8	8
861555	4'R STRAP	8	8
09115	PUSH NUTS	208	208
42146	BRACE SYSTEM COMPLETE	27	26
074185NR	8' STEP & REST		1
148838	3/8"-16X HEX BOLT		12*
149664	3/8"-16 HEX NUT		12*
86151	CHANNEL-LOC SONOTUBE		
42106L	4' STANDARD LIGHT PANEL		

1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	15'-7 1/2"	4 - B
1 - F	12'-7 3/4"	4 - A

1 - 3	35'-9 1/4"
2 - 4	

2 - A	28'-3 1/2"	3 - F
2 - B	22'-4 1/4"	3 - E
2 - C	8'	3 - D
2 - D	17'-10 3/4"	3 - C
2 - E	25'-0 3/4"	3 - B
2 - F	30'-5 1/2"	3 - A



* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

18' x 36' 4' Radius



Perimeter	101'-2" / 30.84 m	page 1 of 1
Surface Area	634.3 SF / 58.9 m ²	
Volume	21200 gal / 80250 L	
Liner Sq. Ft.	648.00 SF	

No Step	End Step	Side Step

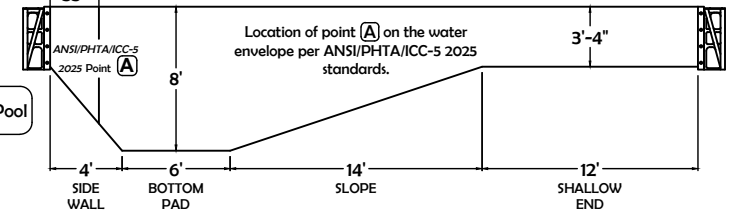
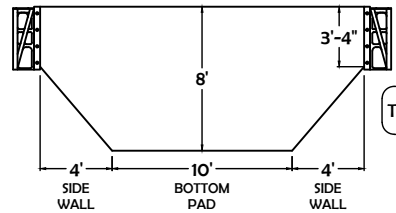
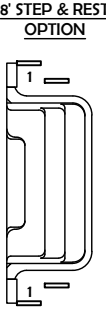
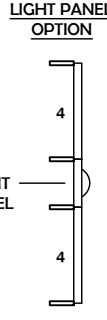
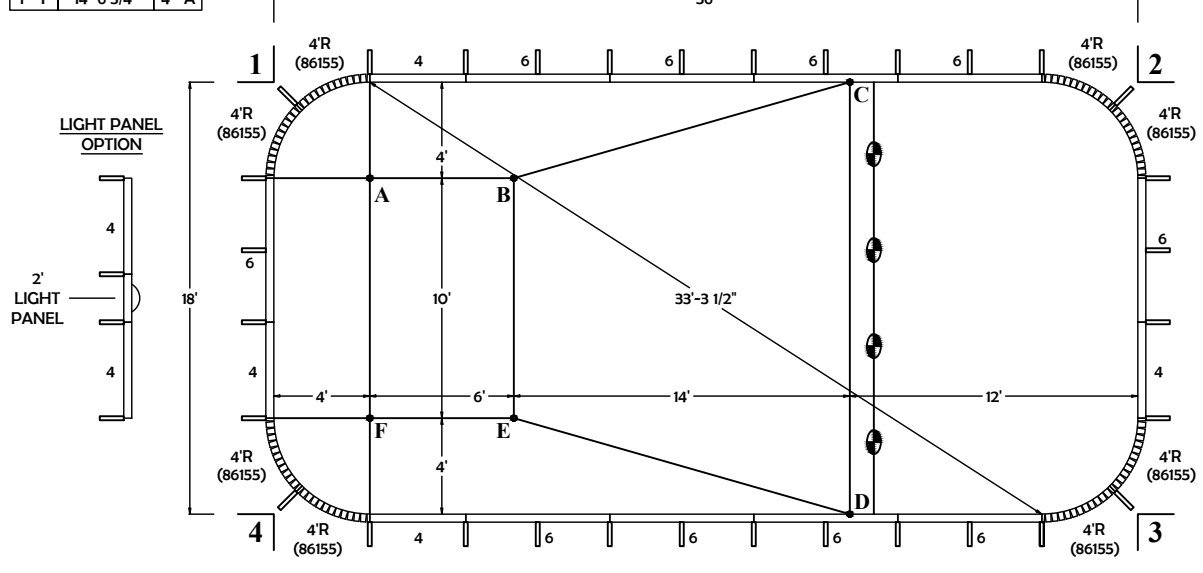
ITEM #	PART DESCRIPTION	No Step	End Step	Side Step
42101	1' PLAIN PANEL		2	
42106	4' PLAIN PANEL	3	2	3
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	10	9	9
42115	VERSA-FLEX PANEL	8	8	8
861555	4'R STRAP	8	8	8
09115	PUSH NUTS	208	208	208
42146	BRACE SYSTEM COMPLETE	32	32	31
074185NR	8' STEP & REST		1	
074165NR	6' STEP & REST			1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

1 - A	5'-8"	4 - F
1 - B	10'-9 1/4"	4 - E
1 - C	24'	4 - D
1 - D	30'	4 - C
1 - E	17'-2 1/2"	4 - B
1 - F	14'-6 3/4"	4 - A

1 - 3	40'-3"
2 - 4	

6' STEP & REST - SIDE STEP OPTION
(Right Side Step Shown)

2 - A	32'-3"	3 - F
2 - B	26'-3 3/4"	3 - E
2 - C	12'	3 - D
2 - D	21'-7 1/2"	3 - C
2 - E	29'-6 1/4"	3 - B
2 - F	34'-11 1/4"	3 - A



* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

16' x 33' Oval

Perimeter	84'-1" / 25.63 m	page 1 of 1
Surface Area	471.2 SF / 43.8 m ²	
Volume	16200 gal / 61300 L	
Liner Sq. Ft.	526.00 SF	

ITEM #	PART DESCRIPTION	End Step
42106	4' PLAIN PANEL	1
421065	4' SKIMMER PANEL	1
42107	6' PLAIN PANEL w/ RETURN	4
42111	8' RADIUS PANEL	12
42115	VERSA-FLEX PANEL	2
861685	STRAIGHT to 8'R STRAP	1
861695	8'R to STRAIGHT STRAP	1
09115	PUSH NUTS	52
42146	BRACE SYSTEM COMPLETE	25
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX BOLT	12*
149664	3/8"-16 HEX NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42106L	4' STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

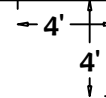
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

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- NO DIVING labels are to be installed around the perimeter of the pool.
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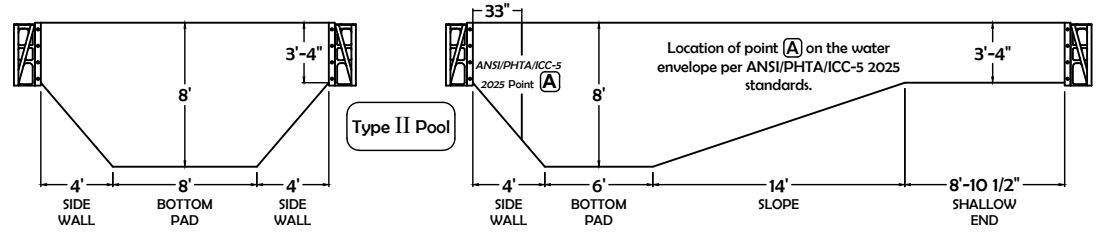
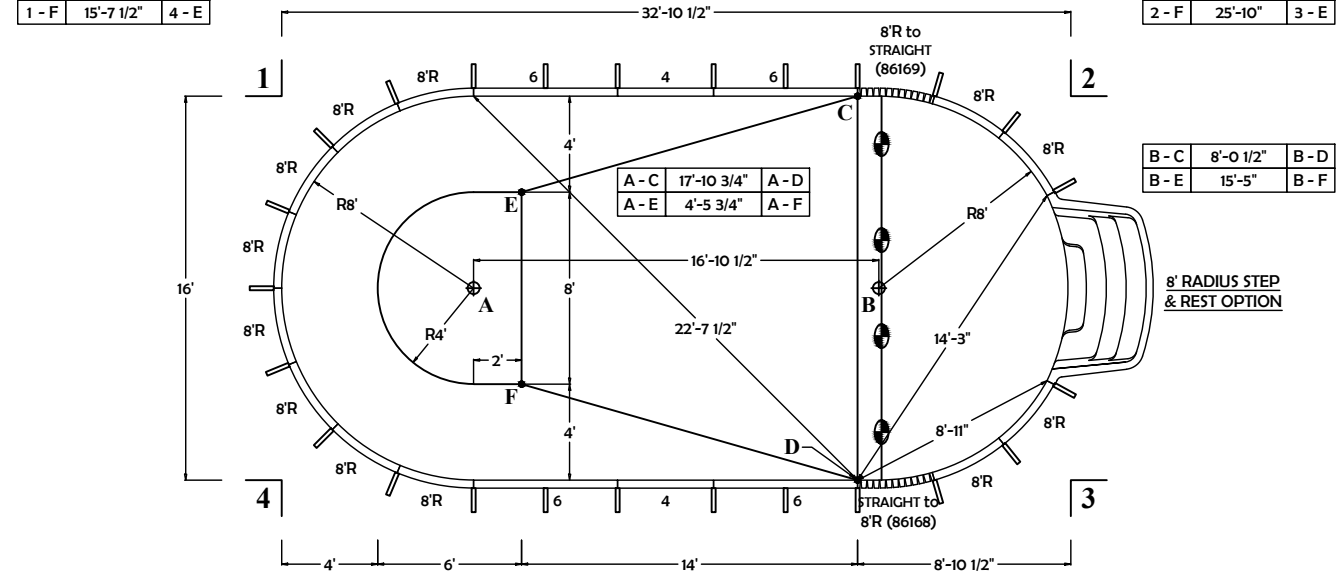


1 - A	11'-3 3/4"	4 - A
1 - B	26'-1 3/4"	4 - B
1 - C	24'	4 - D
1 - D	28'-10 1/4"	4 - C
1 - E	10'-9 1/4"	4 - F
1 - F	15'-7 1/2"	4 - E

1 - 3	36'-6 3/4"
2 - 4	

2 - A	26'-1 3/4"	3 - A
2 - B	11'-3 3/4"	3 - B
2 - C	8'-10 1/2"	3 - D
2 - D	18'-3 1/2"	3 - C
2 - E	23'-2 3/4"	3 - F
2 - F	25'-10"	3 - E

B - C	8'-0 1/2"	B - D
B - E	15'-5"	B - F



20' x 41' Oval

Perimeter	104'-6" / 31.85 m
Surface Area	730.5 SF / 67.8 m ²
Volume	24400 gal / 92350 L
Liner Sq. Ft.	816.25 SF

page
1 of 1

ITEM #	PART DESCRIPTION	End Step
42106	4' PLAIN PANEL	2
421065	4' SKIMMER PANEL	2
42107	6' PLAIN PANEL w/ RETURN	4
42112	10' RADIUS PANEL	16
42115	VERSA-FLEX PANEL	2
861725	STRAIGHT to 10'R STRAP	1
861735	10'R to STRAIGHT STRAP	1
09115	PUSH NUTS	52
42146	BRACE SYSTEM COMPLETE	31
074185NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX BOLT	12*
149664	3/8"-16 HEX NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42106L	4' STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

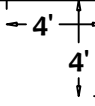
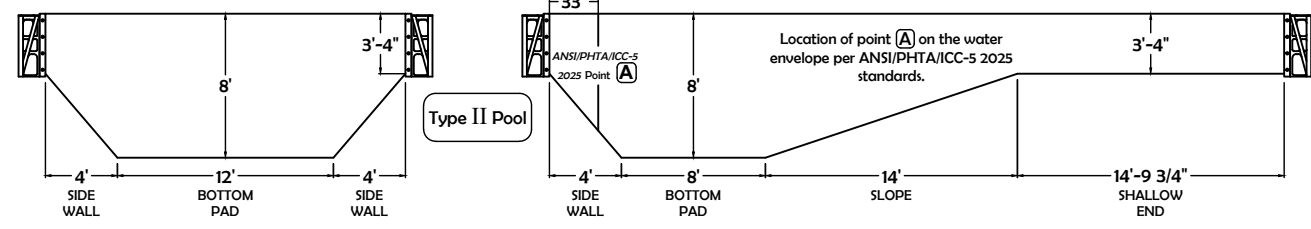
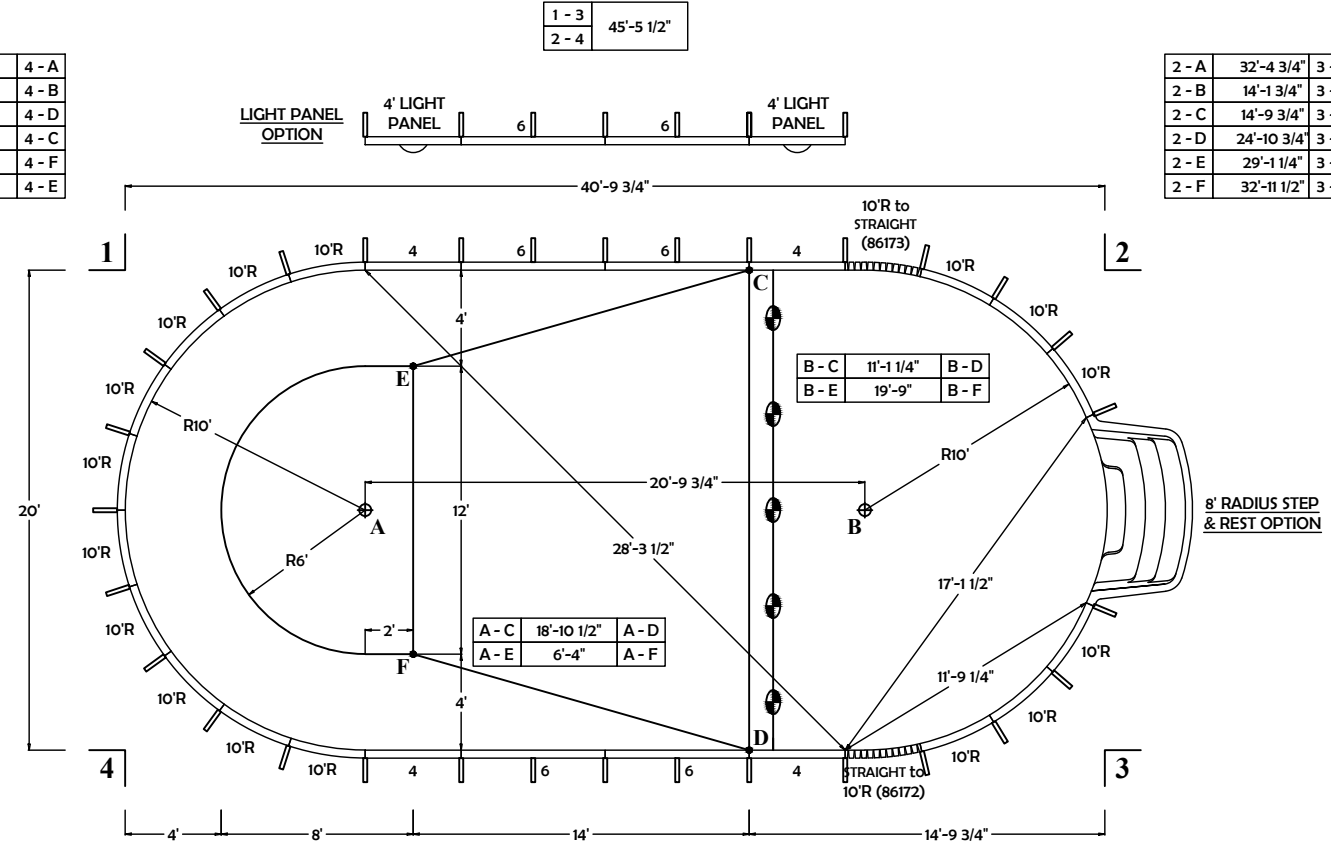
WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - A	14'-1 3/4"	4 - A
1 - B	32'-4 3/4"	4 - B
1 - C	26'	4 - D
1 - D	32'-9 3/4"	4 - C
1 - E	12'-7 3/4"	4 - F
1 - F	20'	4 - E

1 - 3	45'-5 1/2"
2 - 4	

2 - A	32'-4 3/4"	3 - A
2 - B	14'-1 3/4"	3 - B
2 - C	14'-9 3/4"	3 - D
2 - D	24'-10 3/4"	3 - C
2 - E	29'-1 1/4"	3 - F
2 - F	32'-11 1/2"	3 - E



4'
4'

14'6" x 28'6" Grecian

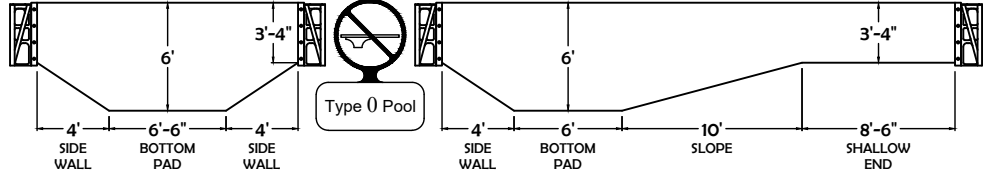
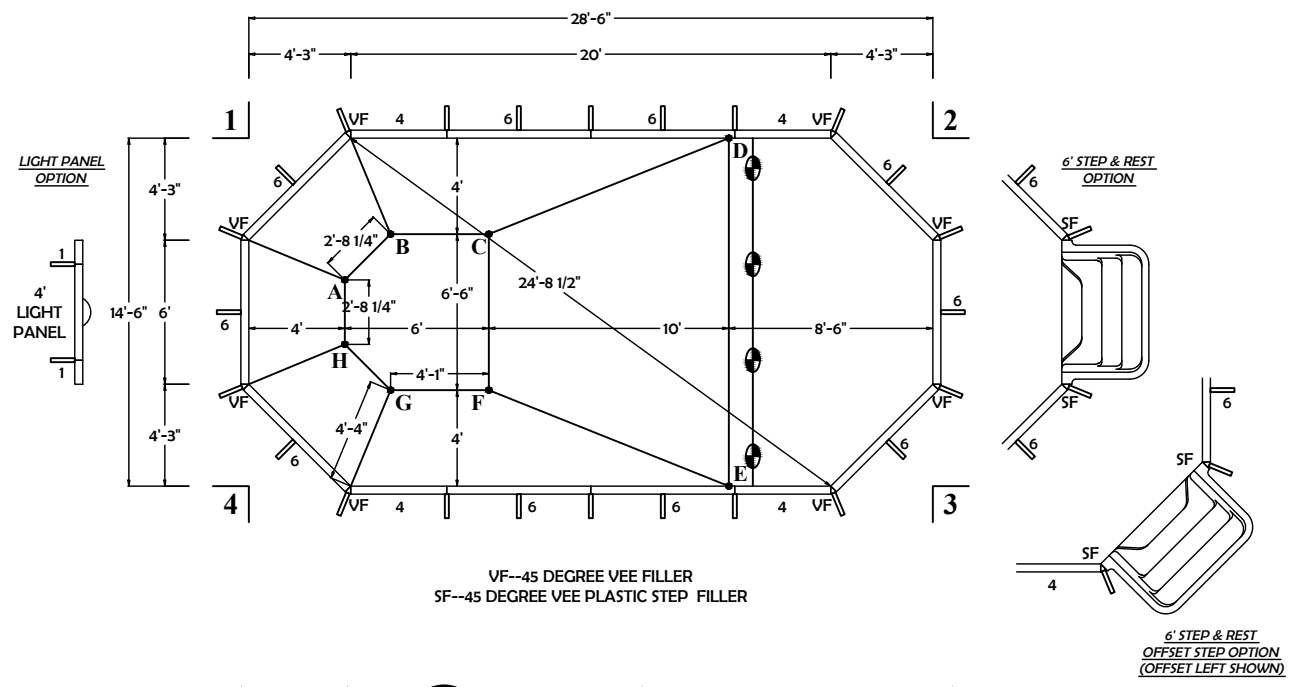
Perimeter	76' / 23.16 m	page 1 of 1	No Step	End Step	Offset Step
Surface Area	377.1 SF / 35.0 m ²				
Volume	10700 gal / 40500 L				
Liner Sq. Ft.	413.25 SF				

ITEM #	PART DESCRIPTION	No Step	End Step	Offset Step
42101	1' PLAIN PANEL			
42106	4' PLAIN PANEL	3	3	3
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	10	9	9
86140	45° VEE FILLER	32	24	24
86141	KEY-LOC for 45° VEE FILLER	64	48	48
42140	GRECIAN CORNER SLEEVE	8	6	6
42142	GRECIAN STEP FILLER - LEFT		1	1
42143	GRECIAN STEP FILLER - RIGHT		1	1
42146	BRACE SYSTEM COMPLETE	24	23	23
07416SNR	6' STEP & REST		1	1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

1 - A	7'-1 1/2"	4 - H
1 - B	7'-1 1/2"	4 - G
1 - C	10'-9 1/4"	4 - F
1 - D	20"	4 - E
1 - E	24'-8 1/2"	4 - D
1 - F	14'-6"	4 - C
1 - G	12'-0 1/2"	4 - B
1 - H	9'-5 3/4"	4 - A

2 - A	25'-2 1/2"	3 - H
2 - B	22'-11 1/4"	3 - G
2 - C	18'-11 1/4"	3 - F
2 - D	8'-6"	3 - E
2 - E	16'-9 3/4"	3 - D
2 - F	21'-3 1/4"	3 - C
2 - G	24'-11"	3 - B
2 - H	25'-11 1/2"	3 - A

1 - 3	31'-11 3/4"
2 - 4	



* - Use Bolts at Step Connection

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

16'6" x 32'6"

Grecian

Perimeter	88' / 26.82 m
Surface Area	500.1 SF / 46.4 m ²
Volume	17250 gal / 65300 L
Liner Sq. Ft.	536.25 SF

page
1 of 1

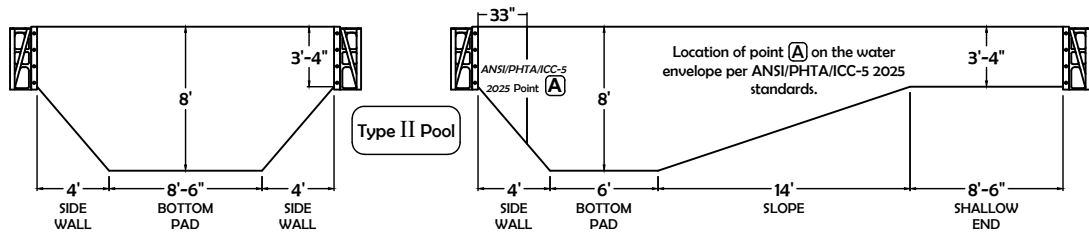
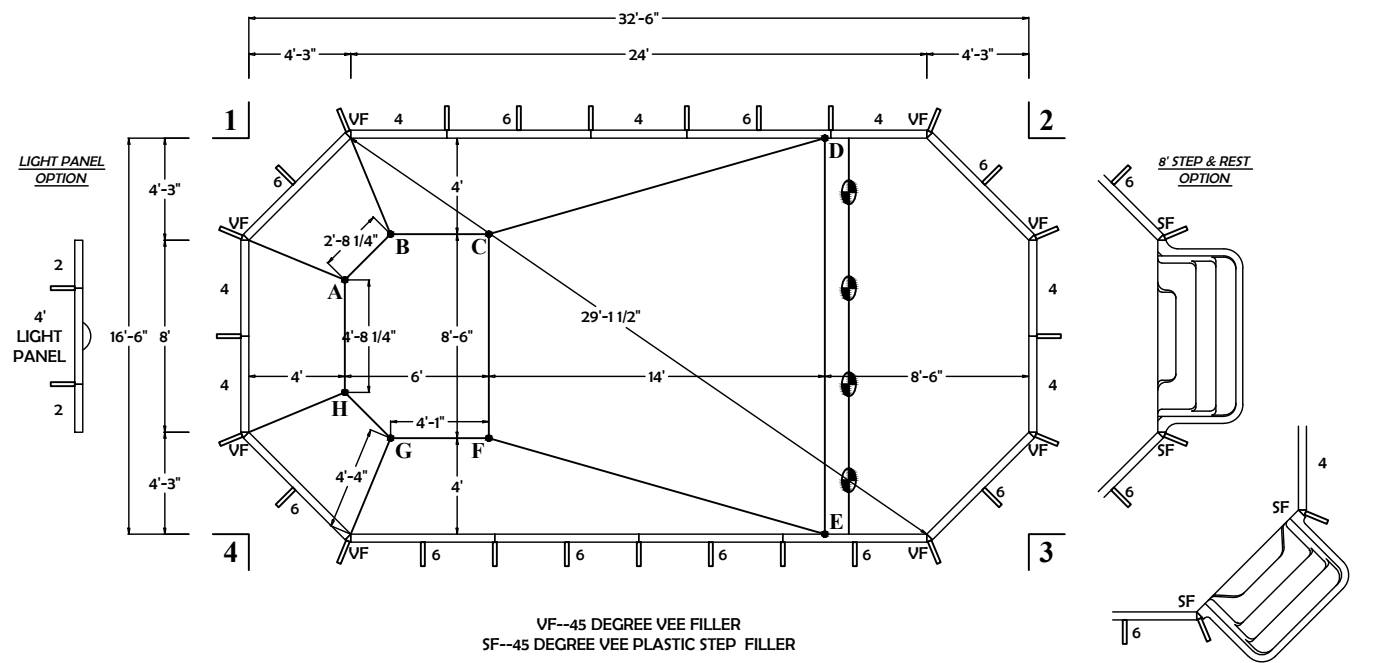
ITEM #	PART DESCRIPTION	No Step	End Step	Offset Step
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ITEM #	PART DESCRIPTION	No Step	End Step	Offset Step
42102	2' PLAIN PANEL			
42106	4' PLAIN PANEL	6	4	6
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	10	10	9
86140	45° VEE FILLER	32	24	24
86141	KEY-LOC for 45° VEE FILLER	64	48	48
42140	GRECIAN CORNER SLEEVE	8	6	6
42142	GRECIAN STEP FILLER - LEFT		1	1
42143	GRECIAN STEP FILLER - RIGHT		1	1
42146	BRACE SYSTEM COMPLETE	27	26	26
07416SNR	6' STEP & REST			1
07418SNR	8' STEP & REST		1	
148838	3/8"-16X HEX BOLT	12*	12*	
149664	3/8"-16 HEX NUT	12*	12*	
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

1 - A	7'-1 1/2"	4 - H
1 - B	7'-1 1/2"	4 - G
1 - C	10'-9 1/4"	4 - F
1 - D	24"	4 - E
1 - E	29'-1 1/2"	4 - D
1 - F	16"	4 - C
1 - G	13'-10"	4 - B
1 - H	11'-4"	4 - A

1 - 3	
2 - 4	36'-5 1/2"

2 - A	29'-1 1/4"	3 - H
2 - B	26'-10 3/4"	3 - G
2 - C	22'-10 1/4"	3 - F
2 - D	8'-6"	3 - E
2 - E	18'-6 3/4"	3 - D
2 - F	25'-8 3/4"	3 - C
2 - G	29'-4 1/2"	3 - B
2 - H	30'-4 3/4"	3 - A



* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

16' x 37' Roman End

Perimeter	95'-8" / 29.16m	page 1 of 1
Surface Area	550.0 SF / 51.1 m ²	
Volume	18000 gal / 68150 L	
Liner Sq. Ft.	598.4648 SF	

ITEM #	PART DESCRIPTION	No Step	End Step	Side Step
42100	6" PLAIN PANEL	4	4	4
42106	4' PLAIN PANEL	1	1	2
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	8	8	6
42110	2' RADIUS PANEL	4	4	4
42115	VERSA-FLEX PANEL	8	6	8
861565	6'R STRAP	4	2	4
861865	2'RR to 6'R STRAP	2	2	2
861875	6'R to 2'RR STRAP	2	2	2
09115	PUSH NUTS	208	156	208
42146	BRACE SYSTEM COMPLETE	34	33	32
07416R5NR	6' RADIUS STEP & REST		1	
07418SNR	8' STEP & REST			1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42106L	4' STANDARD LIGHT PANEL			

* - Use Bolts at Step Connection

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

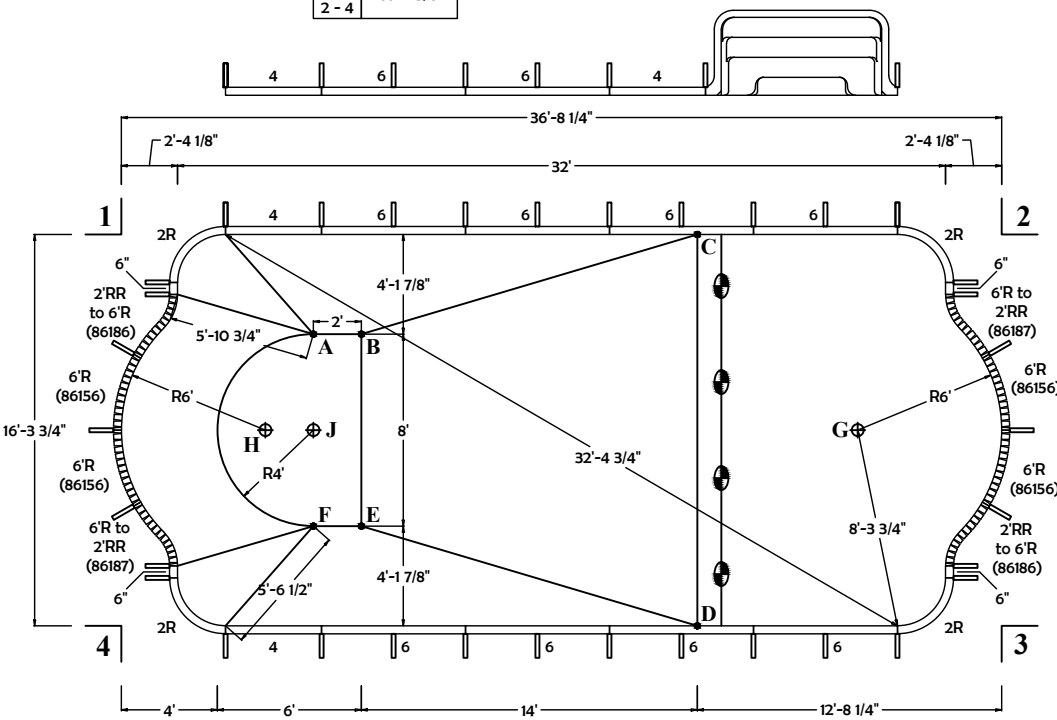
1 - A	9'-0 1/4"
1 - B	10'-10"
1 - C	24'
1 - D	29'-0 1/4"
1 - E	15'-9"
1 - F	14'-6 1/2"
1 - G	31'-9"
1 - H	10'-1 1/2"
1 - J	11'-5"

H - A	4'-5 3/4"
H - B	5'-8"
H - C	19'-9 1/4"
H - D	19'-9 1/4"
H - E	5'-8"
H - F	4'-5 3/4"
H - G	24'-8 1/4"
H - J	2'

4 - A	14'-6 1/2"
4 - B	15'-9"
4 - C	29'-0 1/4"
4 - D	24'
4 - E	10'-10"
4 - F	9'-0 1/4"
4 - G	31'-9"
4 - H	10'-1 1/2"
4 - J	11'-5"

1 - 3	40'-1 3/4"
2 - 4	40'-1 3/4"

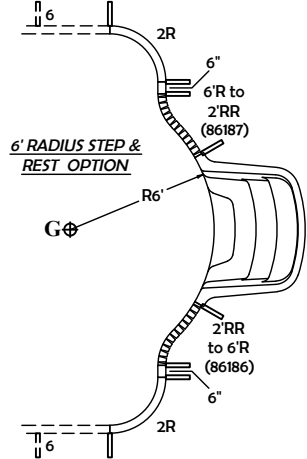
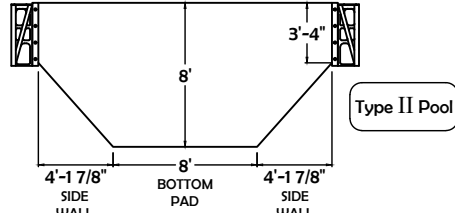
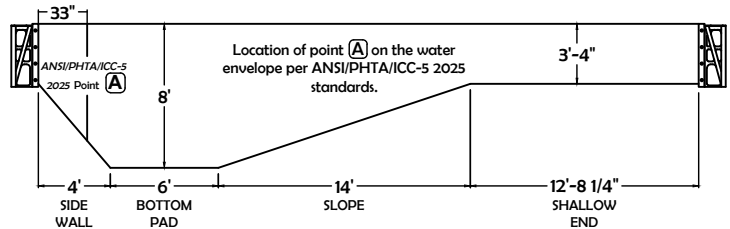
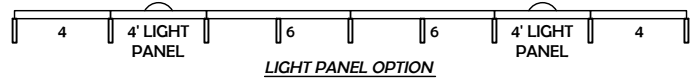
8' STEP & REST - SIDE STEP OPTION
(RIGHT SIDE STEP SHOWN)



2 - A	28'-11 3/4"
2 - B	27'
2 - C	12'-8 1/4"
2 - D	20'-8"
2 - E	29'-3 3/4"
2 - F	31'-1 3/4"
2 - G	10'-1 1/2"
2 - H	31'-9"
2 - J	29'-9 3/4"

G - A	23'-0 1/2"
G - B	21'-0 3/4"
G - C	10'-6 1/2"
G - D	10'-6 1/2"
G - E	21'-0 3/4"
G - F	23'-0 1/2"
G - H	24'-8 1/4"
G - J	22'-8 1/4"

3 - A	31'-1 3/4"
3 - B	29'-3 3/4"
3 - C	20'-8"
3 - D	12'-8 1/4"
3 - E	27'
3 - F	28'-11 3/4"
3 - G	10'-1 1/2"
3 - H	31'-9"
3 - J	29'-9 3/4"



16' x 37' Roman End w/ Nexus Steps

Perimeter	97'-10" / 29.82 m	page 1 of 1
Surface Area	564.1 SF / 52.4 m ²	
Volume	18500 gal / 70000 L	
Liner Sq. Ft.	568.2188 SF	

ITEM #	PART DESCRIPTION	Nexus Step
42100	6" PLAIN PANEL	2
42106	4' PLAIN PANEL	1
421065	4' SKIMMER PANEL	1
42107	6' PLAIN PANEL w/ RETURN	8
42110	2' RADIUS PANEL	4
42115	VERSA-FLEX PANEL	9
889125	4'8"R STRAP	3
861565	6'R STRAP	2
861865	2'RR to 6'R STRAP	1
861875	6'R to 2'RR STRAP	1
889105	2'RR to 4'8"R STRAP	1
889115	4'8"R to 2'RR STRAP	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	33
N55019	16' ROMAN END NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42106L	4' STANDARD LIGHT PANEL	

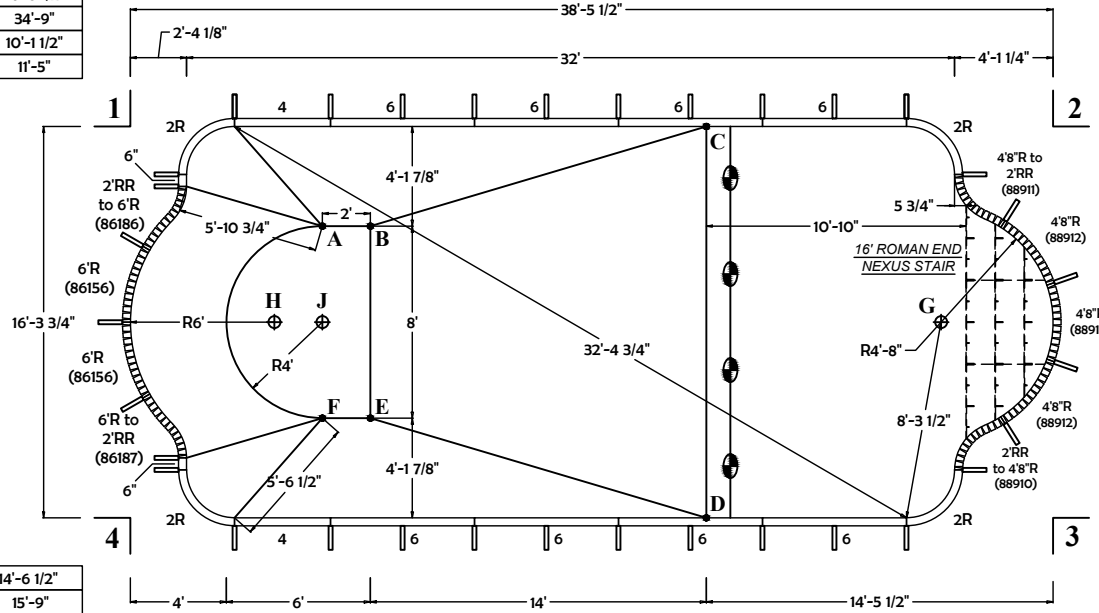
1 - A	9'-0 1/4"
1 - B	10'-10"
1 - C	24'
1 - D	29'-0 1/4"
1 - E	15'-9"
1 - F	14'-6 1/2"
1 - G	34'-9"
1 - H	10'-1 1/2"
1 - J	11'-5"

1 - 3	41'-9 1/4"
2 - 4	

2 - A	30'-8 3/4"
2 - B	28'-9"
2 - C	14'-5 1/2"
2 - D	21'-9 1/2"
2 - E	30'-11 1/4"
2 - F	32'-9 1/2"
2 - G	9'-4 3/4"
2 - H	33'-5 1/2"
2 - J	31'-6 1/4"

H - A	4'-5 3/4"
H - B	5'-8"
H - C	19'-9 1/4"
H - D	19'-9 1/4"
H - E	5'-8"
H - F	4'-5 3/4"
H - G	27'-9 1/2"
H - J	2'

G - A	26'-1"
G - B	24'-1 1/2"
G - C	12'-8 3/4"
G - D	12'-8 3/4"
G - E	24'-1 1/2"
G - F	26'-1"
G - H	27'-9 1/2"
G - J	25'-9 1/2"



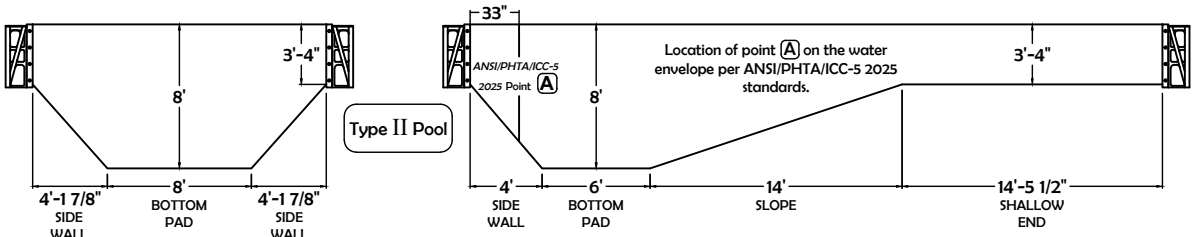
4 - A	14'-6 1/2"
4 - B	15'-9"
4 - C	29'-0 1/4"
4 - D	24'
4 - E	10'-10"
4 - F	9'-0 1/4"
4 - G	34'-9"
4 - H	10'-1 1/2"
4 - J	11'-5"

3 - A	32'-9 1/2"
3 - B	30'-11 1/4"
3 - C	21'-9 1/2"
3 - D	14'-5 1/2"
3 - E	28'-9"
3 - F	30'-8 3/4"
3 - G	9'-4 3/4"
3 - H	33'-5 1/2"
3 - J	31'-6 1/4"

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



18' x 38'
Roman End

Perimeter	100' / 30.48 m	page 1 of 1	No Step	End Step	Side Step
Surface Area	627.7 SF / 58.3 m ²				
Volume	20100 gal / 76100 L				
Liner Sq. Ft.	686.8954 SF				

ITEM #	PART DESCRIPTION	No Step	End Step	Side Step
42105	3'6" PLAIN PANEL		2	
42106	4' PLAIN PANEL	1	1	2
421065	4' SKIMMER PANEL	1	1	1
42107	6' PLAIN PANEL w/ RETURN	8	6	6
42110	2' RADIUS PANEL	4	2	4
42111	8' RADIUS PANEL	6	3	6
42115	VERSA-FLEX PANEL	4	8	4
86188S	2'RR to 8'R STRAP	2	1	2
86189S	8'R to 2'RR STRAP	2	1	2
86190S	2'RR to 8'R STRAP		1	
86191S	8'R to 2'RR STRAP		1	
86192S	2'R to 2'RR STRAP		1	
86193S	2'RR to 2'R STRAP		1	
86194S	STRAIGHT to 2'R STRAP		1	
86195S	2'R to STRAIGHT STRAP		1	
09115	PUSH NUTS	104	208	104
42146	BRACE SYSTEM COMPLETE	32	30	30
074185NR	8' RADIUS STEP & REST		1	
074185NR	8' STEP & REST			1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42116L	VERSA-FLEX LIGHT PANEL			
* - Use Bolts at Step Connection				

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
 The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

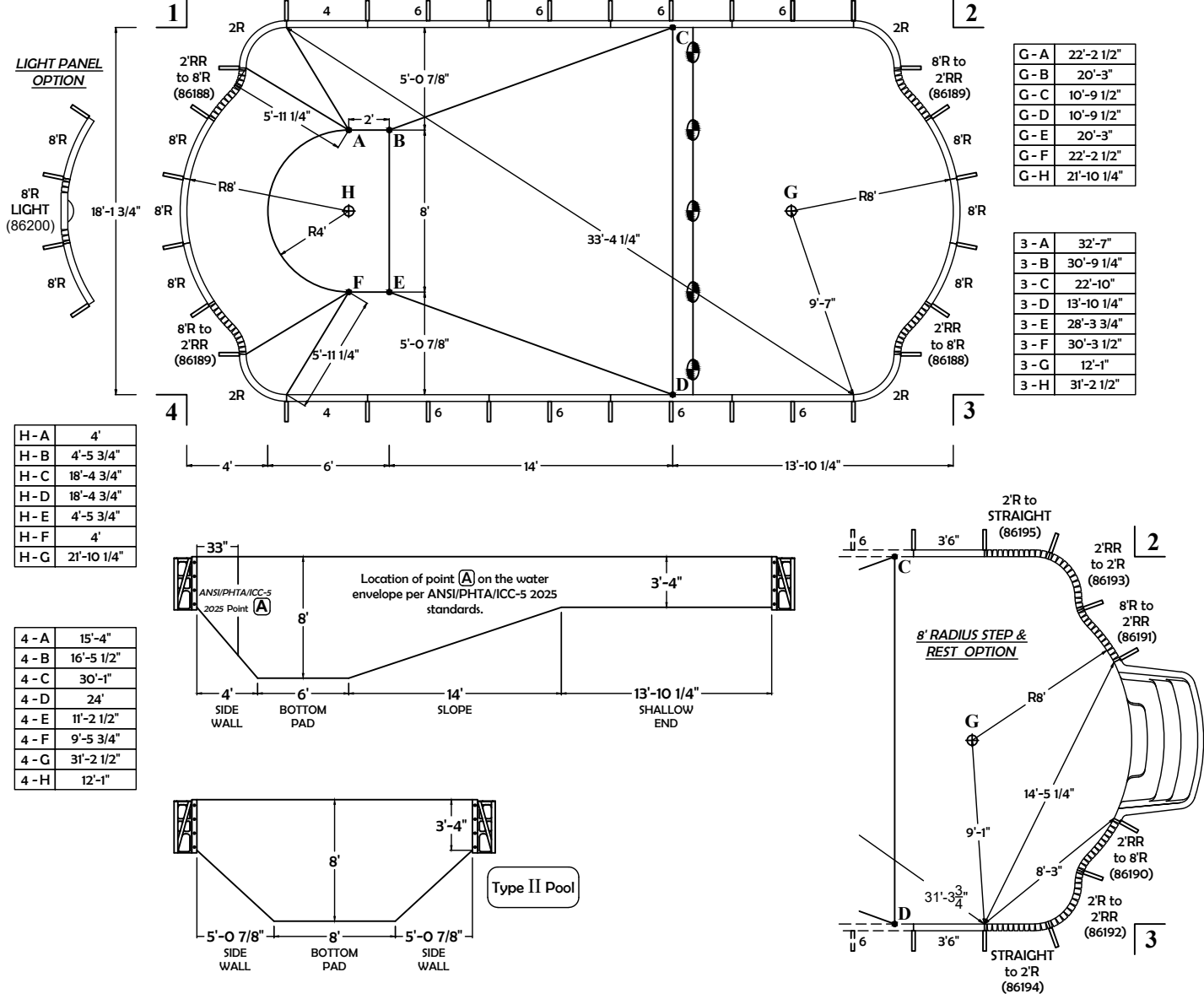
1 - A	9'-5 3/4"
1 - B	11'-2 1/2"
1 - C	24"
1 - D	30'-1"
1 - E	16'-5 1/2"
1 - F	15'-4"
1 - G	31'-2 1/2"
1 - H	12'-1"

H - A	4'
H - B	4'-5 3/4"
H - C	18'-4 3/4"
H - D	18'-4 3/4"
H - E	4'-5 3/4"
H - F	4'
H - G	21'-10 1/4"

4 - A	15'-4"
4 - B	16'-5 1/2"
4 - C	30'-1"
4 - D	24"
4 - E	11'-2 1/2"
4 - F	9'-5 3/4"
4 - G	31'-2 1/2"
4 - H	12'-1"

1 - 3	41'-11 3/4"
2 - 4	

8' STEP & REST - SIDE STEP OPTION
 (RIGHT SIDE STEP SHOWN)



2 - A	30'-3 1/2"
2 - B	28'-3 3/4"
2 - C	13'-10 1/4"
2 - D	22'-10"
2 - E	30'-9 1/4"
2 - F	32'-7"
2 - G	12'-1"
2 - H	31'-2 1/2"

G - A	22'-2 1/2"
G - B	20'-3"
G - C	10'-9 1/2"
G - D	10'-9 1/2"
G - E	20'-3"
G - F	22'-2 1/2"
G - H	21'-10 1/4"

3 - A	32'-7"
3 - B	30'-9 1/4"
3 - C	22'-10"
3 - D	13'-10 1/4"
3 - E	28'-3 3/4"
3 - F	30'-3 1/2"
3 - G	12'-1"
3 - H	31'-2 1/2"

18' x 38'

Roman End w/ Nexus Steps

Perimeter	103'-1" / 31.42 m
Surface Area	646.7 SF / 60.1 m ²
Volume	20900 gal / 79100 L
Liner Sq. Ft.	655.5182 SF

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1 of 1

ITEM #	PART DESCRIPTION	Nexus Step
42106	4' PLAIN PANEL	1
421065	4' SKIMMER PANEL	1
42107	6' PLAIN PANEL w/ RETURN	8
42110	2' RADIUS PANEL	4
42111	8' RADIUS PANEL	3
42115	VERSA-FLEX PANEL	8
863095	5'3 1/4" R STRAP	4
861885	2'RR to 8'R STRAP	1
861895	8'R to 2'RR STRAP	1
889085	2'1 1/2"RR to 5'3 1/4"R STRAP	1
889095	5'3 1/4"R to 2'1 1/2"RR STRAP	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	33
N55020	18' ROMAN END NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

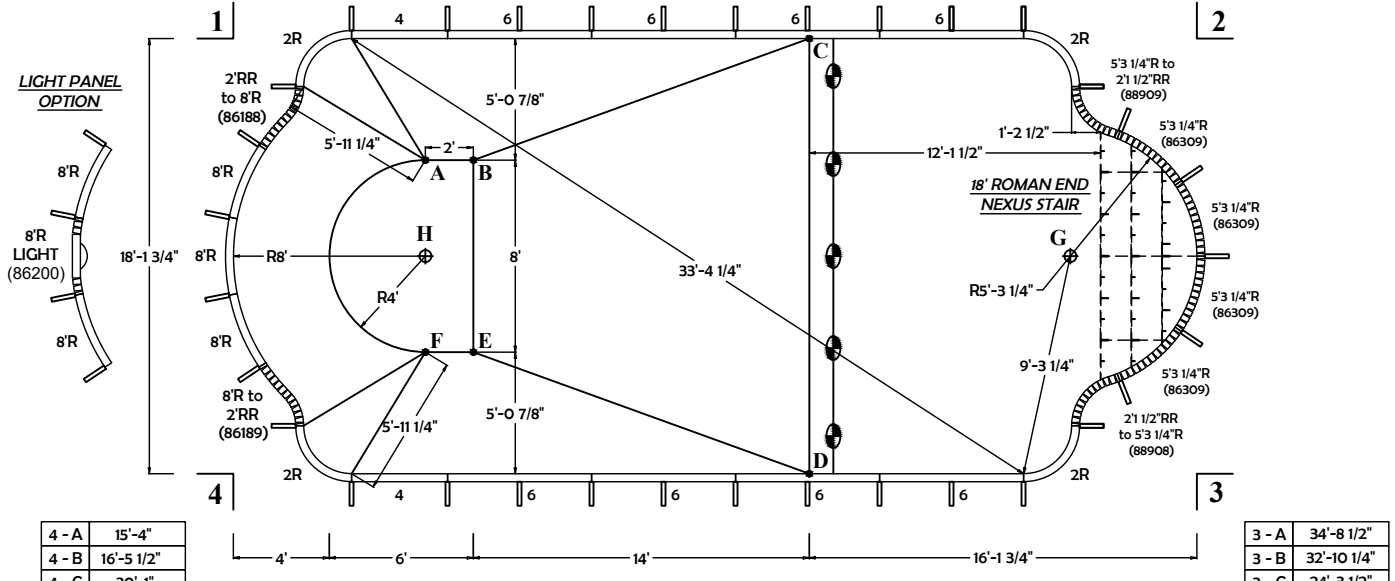
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - A	9'-5 3/4"
1 - B	11'-2 1/2"
1 - C	24'
1 - D	30'-1"
1 - E	16'-5 1/2"
1 - F	15'-4"
1 - G	36'-0 1/2"
1 - H	12'-1"

1 - 3	44'-0 3/4"
2 - 4	

2 - A	32'-6 1/2"
2 - B	30'-7"
2 - C	16'-1 3/4"
2 - D	24'-3 1/2"
2 - E	32'-10 1/4"
2 - F	34'-8 1/2"
2 - G	10'-6"
2 - H	33'-4 3/4"

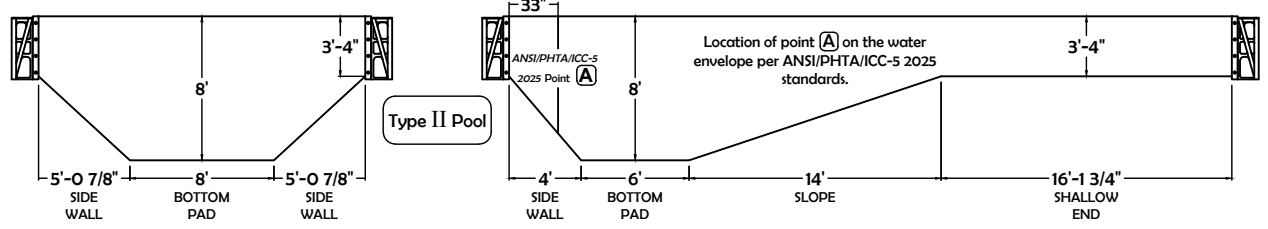


4 - A	15'-4"
4 - B	16'-5 1/2"
4 - C	30'-1"
4 - D	24'
4 - E	11'-2 1/2"
4 - F	9'-5 3/4"
4 - G	36'-0 1/2"
4 - H	12'-1"

H - A	4'
H - B	4'-5 3/4"
H - C	18'-4 3/4"
H - D	18'-4 3/4"
H - E	4'-5 3/4"
H - F	4'
H - G	26'-10 1/2"

G - A	27'-2"
G - B	25'-2 1/2"
G - C	14'-2"
G - D	14'-2"
G - E	25'-2 1/2"
G - F	27'-2"
G - H	26'-10 1/2"

3 - A	34'-8 1/2"
3 - B	32'-10 1/4"
3 - C	24'-3 1/2"
3 - D	16'-1 3/4"
3 - E	30'-7"
3 - F	32'-6 1/2"
3 - G	10'-6"
3 - H	33'-4 3/4"



Location of point **A** on the water envelope per ANSI/PHTA/ICC-5 2025 standards.

20' x 42' Roman End

Perimeter	112' / 34.13 m	page 1 of 1
Surface Area	772.4 SF / 71.7 m ²	
Volume	24600 gal / 93100 L	
Liner Sq. Ft.	843.1871 SF	

ITEM #	PART DESCRIPTION	No Step	End Step	Side Step
42101	1' PLAIN PANEL	4	2	4
42103	2'6" PLAIN PANEL		2	
42106	4' PLAIN PANEL	2		
42106S	4' SKIMMER PANEL	2	2	2
42107	6' PLAIN PANEL w/ RETURN	8	8	8
42110	2' RADIUS PANEL	4	2	4
42111	8' RADIUS PANEL	6	3	6
42115	VERSA-FLEX PANEL	4	8	4
86188S	2'RR to 8'R STRAP	2	1	2
86189S	8'R to 2'RR STRAP	2	1	2
86190S	2'RR to 8'R STRAP		1	
86191S	8'R to 2'RR STRAP		1	
86196S	2'R to 2'RR STRAP		1	
86197S	2'RR to 2'R STRAP		1	
86198S	STRAIGHT to 2'R STRAP		1	
86199S	2'R to STRAIGHT STRAP		1	
09115	PUSH NUTS	104	208	104
42146	BRACE SYSTEM COMPLETE	38	36	37
07418RSNR	8' RADIUS STEP & REST		1	
07418SNR	8' STEP & REST			1
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42116L	VERSA-FLEX LIGHT PANEL			

1 - A	10'-0 1/2"
1 - B	13'-5 1/4"
1 - C	26'
1 - D	32'-10 3/4"
1 - E	18'-6"
1 - F	16'-2 1/4"
1 - G	35'-3 3/4"
1 - H	12'-10 1/4"

4 - A	16'-2 1/4"
4 - B	18'-6"
4 - C	32'-10 3/4"
4 - D	26'
4 - E	13'-5 1/4"
4 - F	10'-0 1/2"
4 - G	35'-3 3/4"
4 - H	12'-10 1/4"

H - A	4'
H - B	5'-8"
H - C	20'-7 1/2"
H - D	20'-7 1/2"
H - E	5'-8"
H - F	4'
H - G	25'-10 1/4"

* - Use Bolts at Step Connection

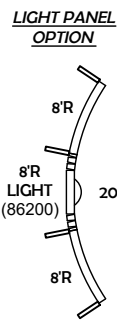
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

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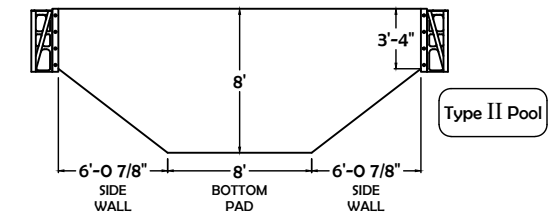
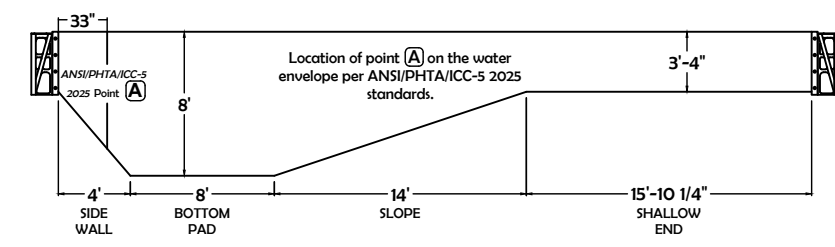
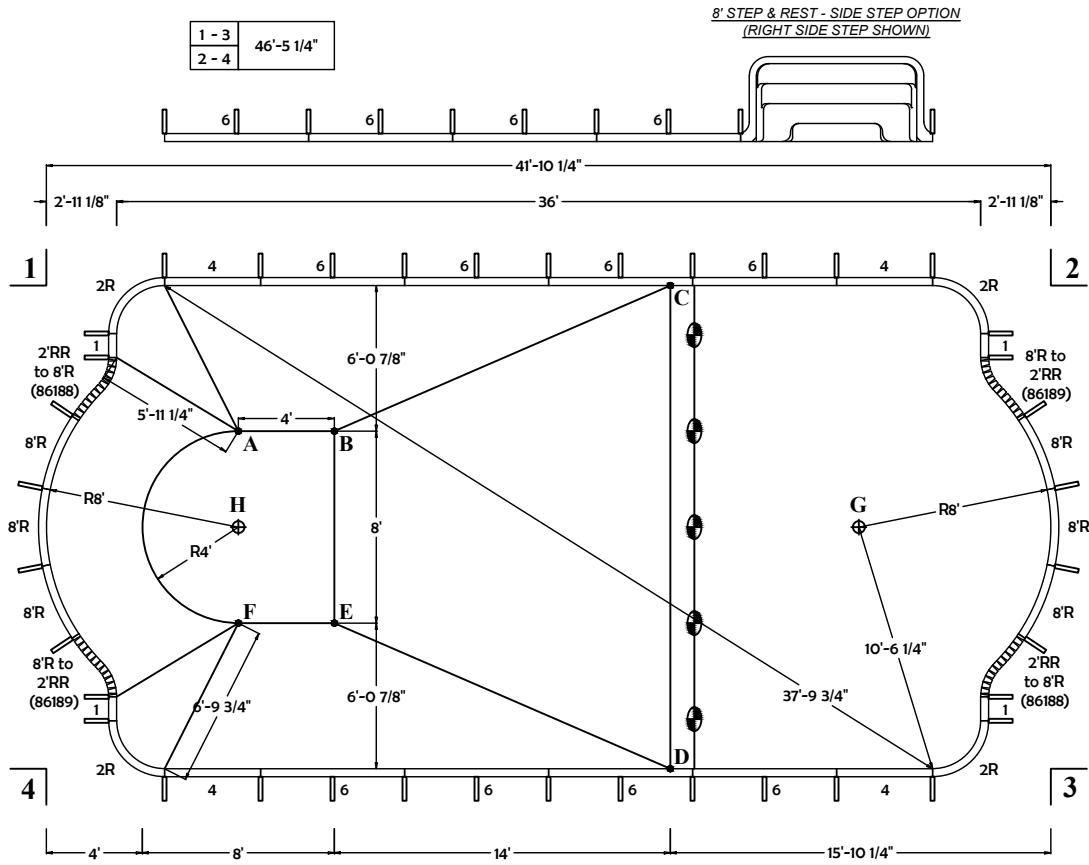
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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	10'-0 1/2"
1 - B	13'-5 1/4"
1 - C	26'
1 - D	32'-10 3/4"
1 - E	18'-6"
1 - F	16'-2 1/4"
1 - G	35'-3 3/4"
1 - H	12'-10 1/4"

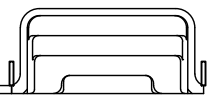


4 - A	16'-2 1/4"
4 - B	18'-6"
4 - C	32'-10 3/4"
4 - D	26'
4 - E	13'-5 1/4"
4 - F	10'-0 1/2"
4 - G	35'-3 3/4"
4 - H	12'-10 1/4"

H - A	4'
H - B	5'-8"
H - C	20'-7 1/2"
H - D	20'-7 1/2"
H - E	5'-8"
H - F	4'
H - G	25'-10 1/4"



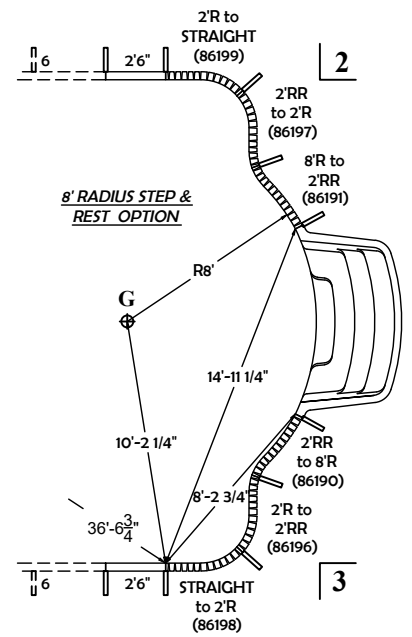
8' STEP & REST - SIDE STEP OPTION
(RIGHT SIDE STEP SHOWN)



2 - A	34'-4 3/4"
2 - B	30'-5 1/2"
2 - C	15'-10 1/4"
2 - D	25'-7 1/2"
2 - E	33'
2 - F	36'-8"
2 - G	12'-10 1/4"
2 - H	35'-3 3/4"

G - A	26'-2"
G - B	22'-2 1/2"
G - C	12'-9 1/4"
G - D	12'-9 1/4"
G - E	22'-2 1/2"
G - F	26'-2"
G - H	25'-10 1/4"

3 - A	36'-8"
3 - B	33'
3 - C	25'-7 1/2"
3 - D	15'-10 1/4"
3 - E	30'-5 1/2"
3 - F	34'-4 3/4"
3 - G	12'-10 1/4"
3 - H	35'-3 3/4"



4'
4'

20' x 42'

Roman End w/ Nexus Steps

Perimeter	114'-1" / 34.77 m
Surface Area	789.4 SF / 73.3 m ²
Volume	25500 gcl / 96500 L
Liner Sq. Ft.	798.6984 SF

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ITEM #	PART DESCRIPTION	Nexus Stair
42100	6" PLAIN PANEL	2
42101	1' PLAIN PANEL	2
42106	4' PLAIN PANEL	2
42106S	4' SKIMMER PANEL	2
42107	6' PLAIN PANEL w/ RETURN	8
42110	2' RADIUS PANEL	4
42111	8' RADIUS PANEL	3
42115	VERSA-FLEX PANEL	8
86156S	6'R PANEL STRAP SET	4
86188S	2'RR to 8'R STRAP SET	1
86189S	8'R to 2'RR STRAP SET	1
88906S	2.5'RR to 6'R STRAP SET	1
88907S	6'R to 2.5'RR STRAP SET	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	39
NS5021	20' ROMAN END NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

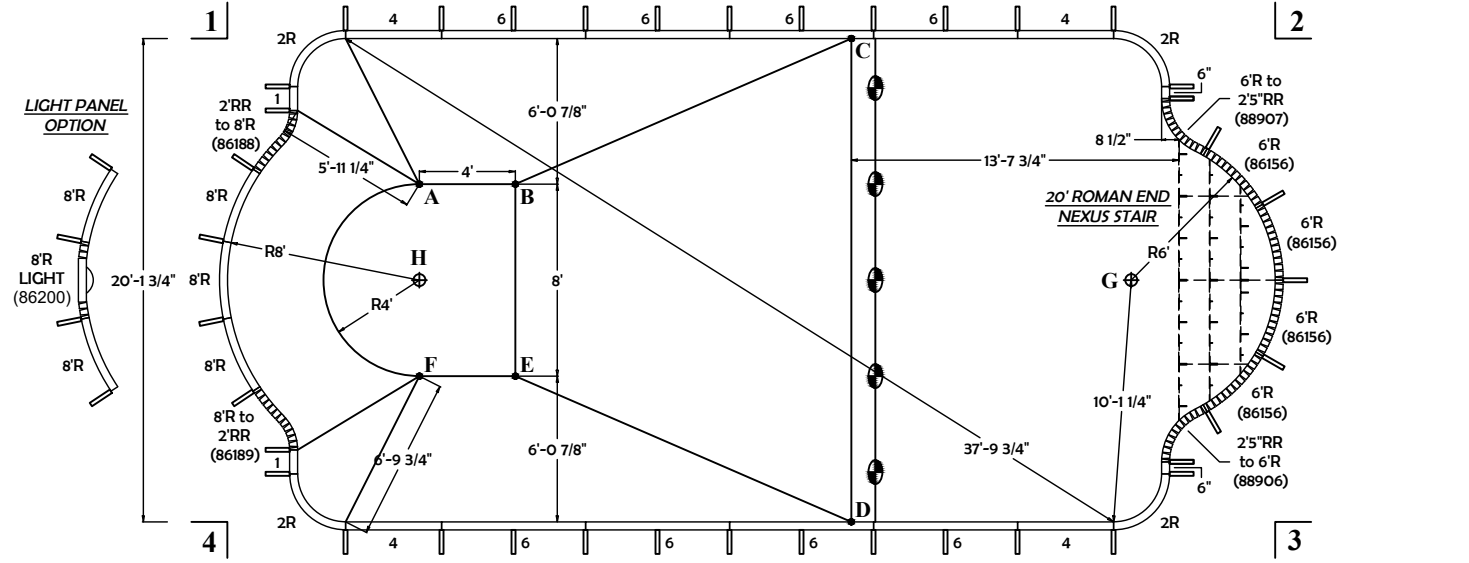
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- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - A	10'-0 1/2"
1 - B	13'-5 1/4"
1 - C	26'
1 - D	32'-10 3/4"
1 - E	18'-6"
1 - F	16'-2 1/4"
1 - G	38'-11 3/4"
1 - H	12'-10 1/4"

1 - 3	48'-1"
2 - 4	

2 - A	36'-2"
2 - B	32'-3"
2 - C	17'-8"
2 - D	26'-9 1/2"
2 - E	34'-7 3/4"
2 - F	38'-4"
2 - G	11'-8 3/4"
2 - H	37'-0 3/4"

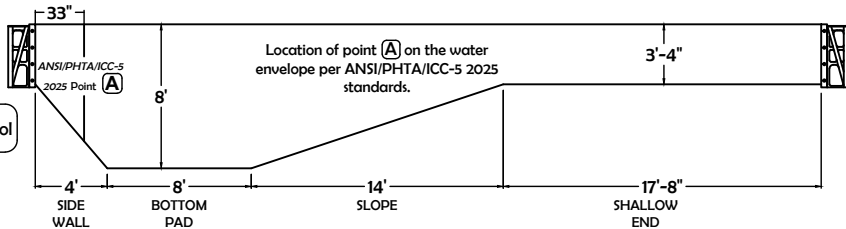
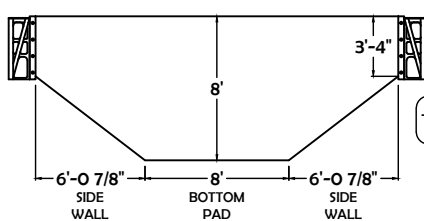


4 - A	16'-2 1/4"
4 - B	18'-6"
4 - C	32'-10 3/4"
4 - D	26'
4 - E	13'-5 1/4"
4 - F	10'-0 1/2"
4 - G	38'-11 3/4"
4 - H	12'-10 1/4"

H - A	4'
H - B	5'-8"
H - C	20'-7 1/2"
H - D	20'-7 1/2"
H - E	5'-8"
H - F	4'
H - G	29'-8"

G - A	29'-11 1/4"
G - B	25'-11 3/4"
G - C	15'-5"
G - D	15'-5"
G - E	25'-11 3/4"
G - F	29'-11 1/4"
G - H	29'-8"

3 - A	38'-4"
3 - B	34'-7 3/4"
3 - C	26'-9 1/2"
3 - D	17'-8"
3 - E	32'-3"
3 - F	36'-2"
3 - G	11'-8 3/4"
3 - H	37'-0 3/4"



18' x 45' Left Roman End Lazy EL

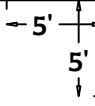
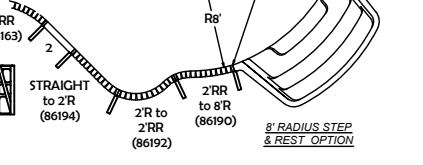
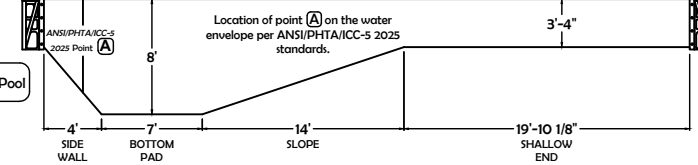
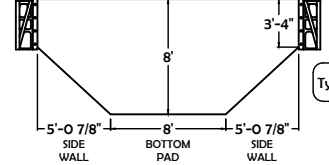
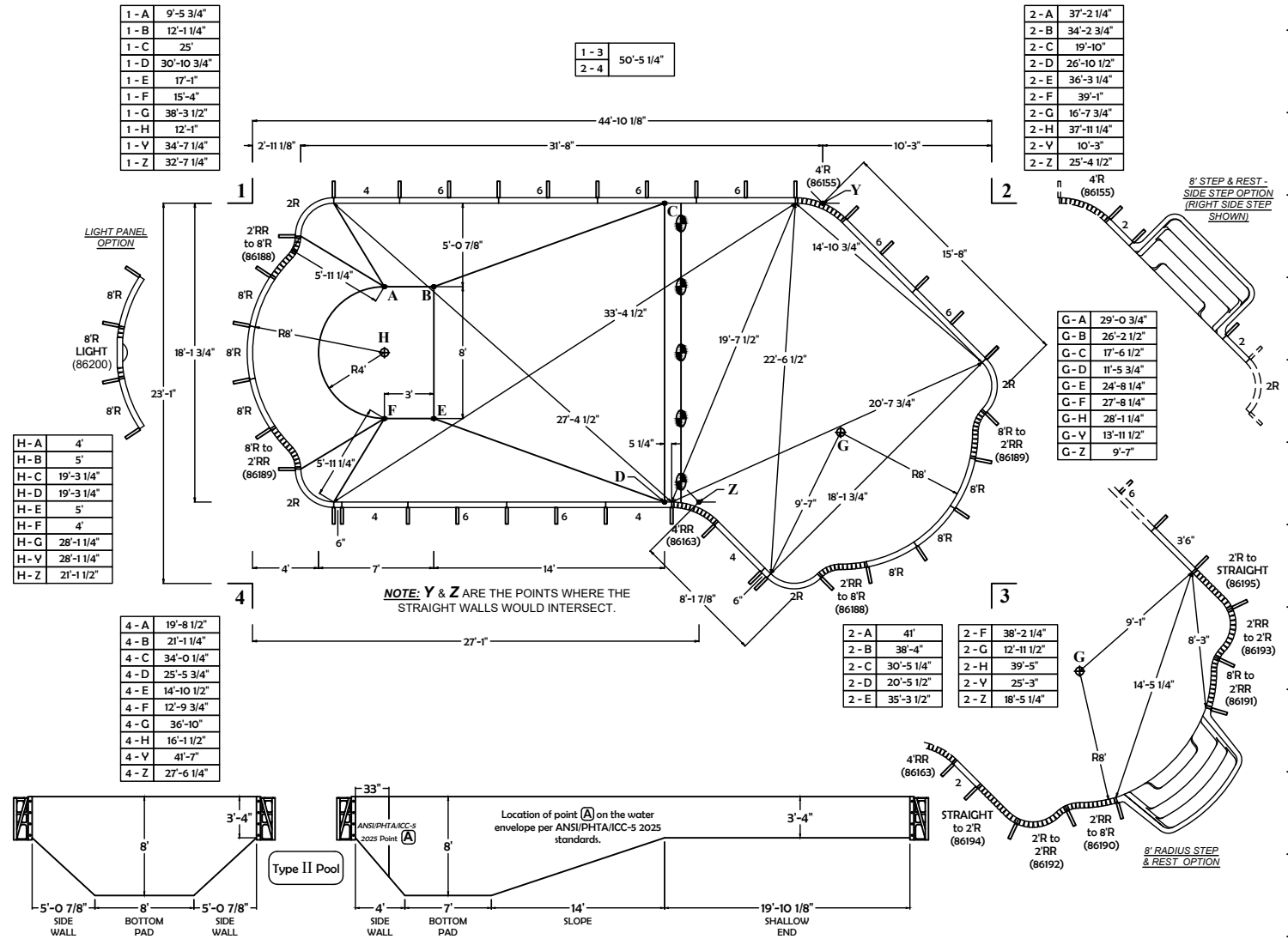
Perimeter	115'-4" / 35.15 m	page 1 of 1
Surface Area	769.2 SF / 71.4 m ²	
Volume	23500 gal / 88950 L	
Liner Sq. Ft.	964.71 SF	

ITEM #	PART DESCRIPTION	No Step	Side Step	End Step
42100	6" PLAIN PANEL	2	2	1
42102	2' PLAIN PANEL		2	1
42105	3'6" PLAIN PANEL			1
42106	4' PLAIN PANEL	2	2	1
42106S	4' SKIMMER PANEL	2	2	2
42107	6' PLAIN PANEL w/ RETURN	8	6	7
42110	2' RADIUS CORNER PANEL	4	4	2
42111	8' RADIUS PANEL	6	6	3
42115	VERSA-FLEX PANEL	6	6	10
86155S	4' RADIUS STRAP SET	1	1	1
86163S	4' REVERSE RADIUS STRAP SET	1	1	1
86188S	2'RR to 8'R STRAP SET	2	2	1
86189S	8'R to 2'RR STRAP SET	2	2	1
86190S	2'RR to 8'R STRAP SET			1
86191S	8'R to 2'RR STRAP SET			1
86192S	2'R to 2'RR STRAP SET			1
86193S	2'RR to 2'R STRAP SET			1
86194S	STRAIGHT to 2'R STRAP SET			1
86195S	2'R to STRAIGHT STRAP SET			1
09115	PUSH NUTS	156	156	260
42146	BRACE SYSTEM COMPLETE	38	37	36
074185NR	8' RADIUS STEP & REST			1
074185NR	8' STEP & REST		1	
148838	3/8"-16X HEX BOLT		12*	12*
149664	3/8"-16 HEX NUT		12*	12*
86151	CHANNEL-LOC SONOTUBE			
42116L	VERSA-FLEX LIGHT PANEL			
* - Use Bolts at Step Connection				

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
 The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

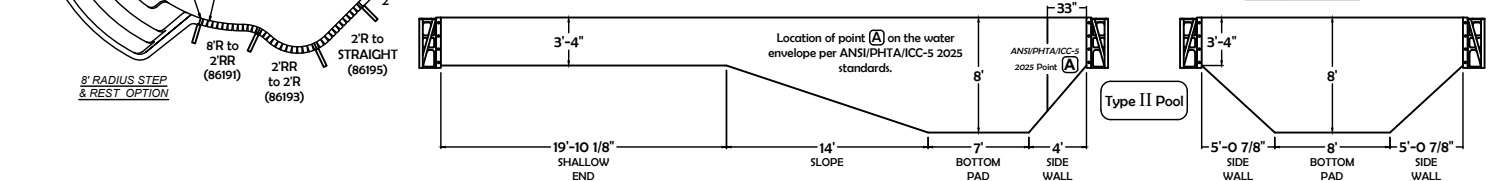
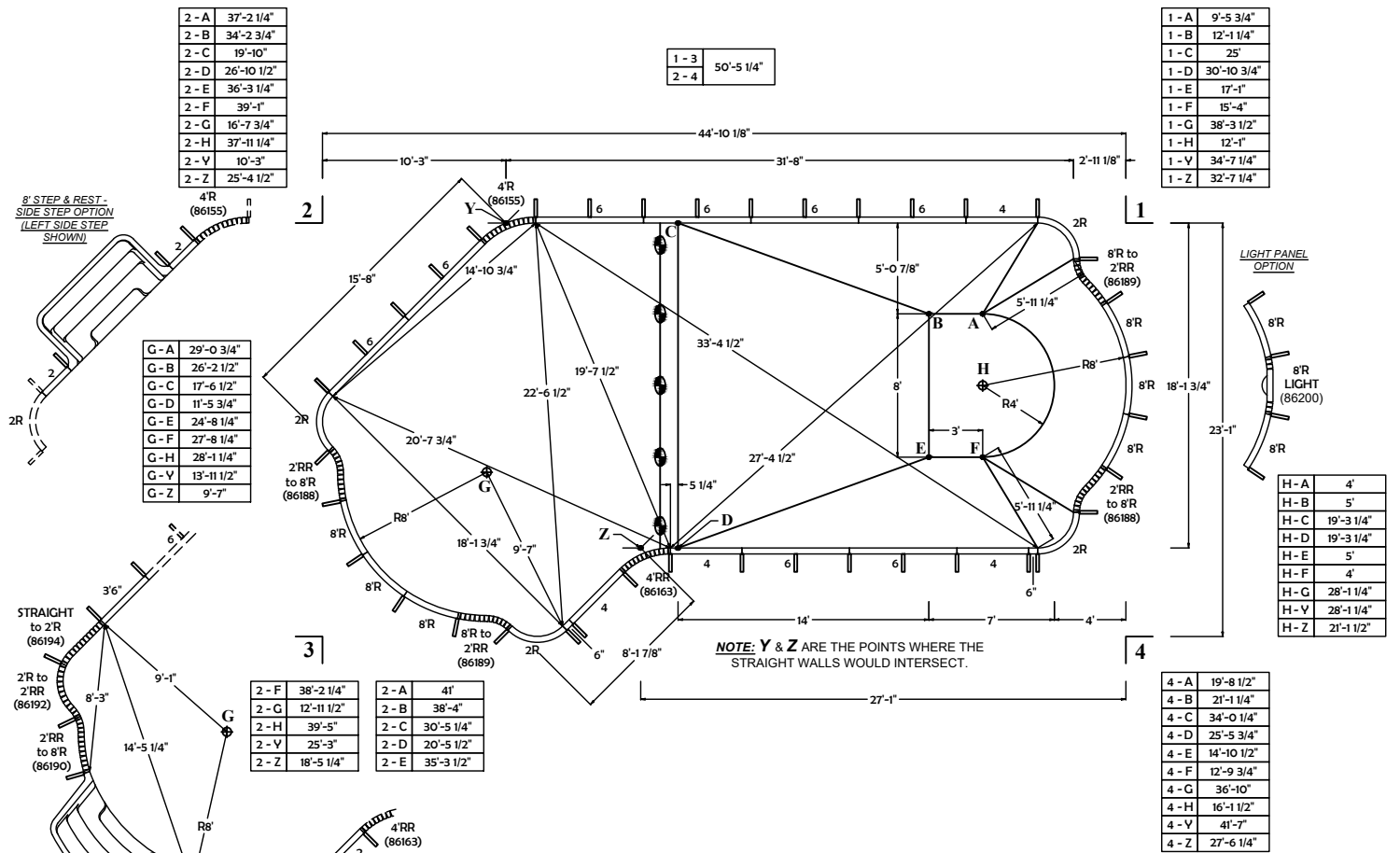


5'
5'

18' x 45' Right Roman End Lazy EL

Perimeter	115'-4" / 35.15 m	page 1 of 1
Surface Area	769.2 SF / 71.4 m ²	
Volume	23500 gal / 88950 L	
Liner Sq. Ft.	964.71 SF	

ITEM #	PART DESCRIPTION	No Step	Side Step	End Step
42100	6" PLAIN PANEL	2	2	1
42102	2' PLAIN PANEL		2	1
42105	3'6" PLAIN PANEL			1
42106	4' PLAIN PANEL	2	2	1
42106S	4' SKIMMER PANEL	2	2	2
42107	6' PLAIN PANEL w/ RETURN	8	6	7
42110	2' RADIUS CORNER PANEL	4	4	2
42111	8' RADIUS PANEL	6	6	3
42115	VERSA-FLEX PANEL	6	6	10
86155S	4' RADIUS STRAP SET	1	1	1
86163S	4' REVERSE RADIUS STRAP SET	1	1	1
86188S	2'RR to 8'R STRAP SET	2	2	1
86189S	8'R to 2'RR STRAP SET	2	2	1
86190S	2'RR to 8'R STRAP SET			1
86191S	8'R to 2'RR STRAP SET			1
86192S	2'R to 2'RR STRAP SET			1
86193S	2'RR to 2'R STRAP SET			1
86194S	STRAIGHT to 2'R STRAP SET			1
86195S	2'R to STRAIGHT STRAP SET			1
09115	PUSH NUTS	156	156	260
42146	BRACE SYSTEM COMPLETE	38	37	36
07418R5NR	8' RADIUS STEP & REST			1
07418SNR	8' STEP & REST			1
148838	3/8"-16X HEX BOLT	12*	12*	
149664	3/8"-16 HEX NUT	12*	12*	
86151	CHANNEL-LOC SONOTUBE			
42116L	VERSA-FLEX LIGHT PANEL			
* - Use Bolts at Step Connection				



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

5'
5'

18' x 45' Right Roman End Lazy EL w/ Nexus Steps

Perimeter	103'-1" / 31.42 m	page 1 of 1
Surface Area	646.7 SF / 60.1 m ²	
Volume	20900 gal / 79100 L	
Liner Sq. Ft.	655.5182 SF	

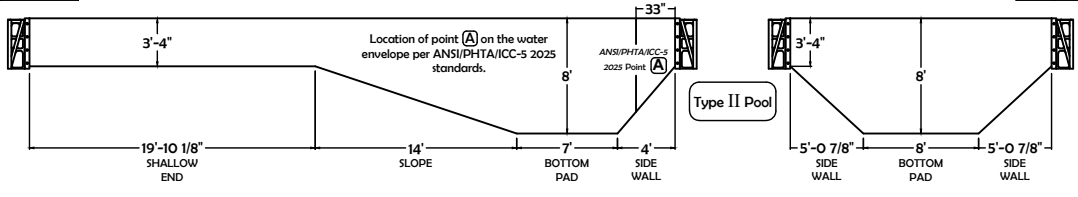
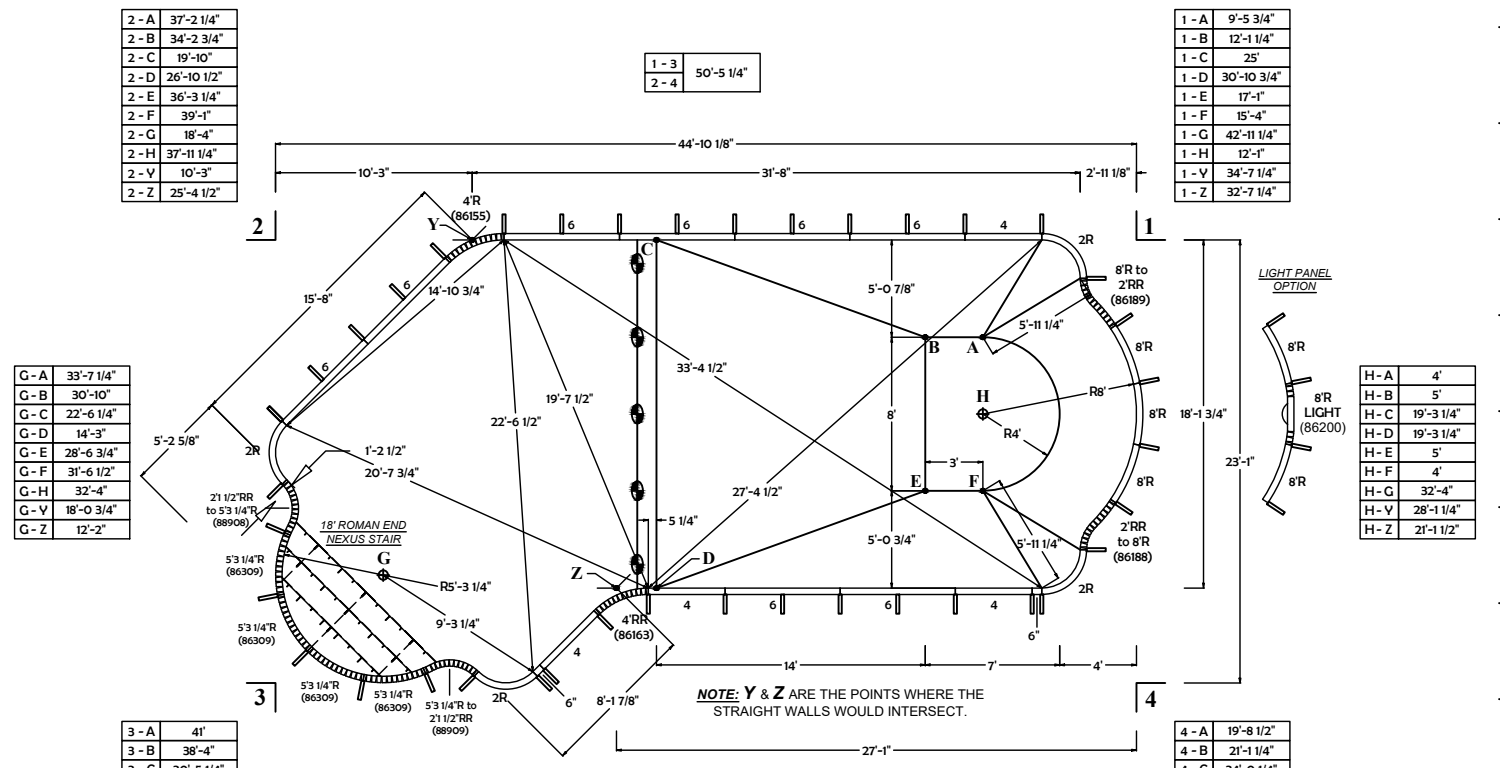
Nexus Stair

ITEM #	PART DESCRIPTION	QTY
42100	6" PLAIN PANEL	2
42106	4' PLAIN PANEL	2
421065	4' SKIMMER PANEL	2
42107	6' PLAIN PANEL w/ RETURN	8
42110	2' RADIUS CORNER PANEL	4
42111	8' RADIUS PANEL	3
42115	VERSA-FLEX PANEL	10
863095	5'3 1/4"R PANEL STRAP SET	4
861555	4' RADIUS STRAP SET	1
861635	4' REVERSE RADIUS STRAP SET	1
861885	2"RR to 8'R STRAP SET	1
861895	8'R to 2"RR STRAP SET	1
889085	2'1/2"RR to 5'3 1/4"R STRAP SET	1
889095	5'3 1/4"R to 2'1/2"RR STRAP SET	1
09115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	39
N55020	18' ROMAN END NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISDPC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISDPC CODE



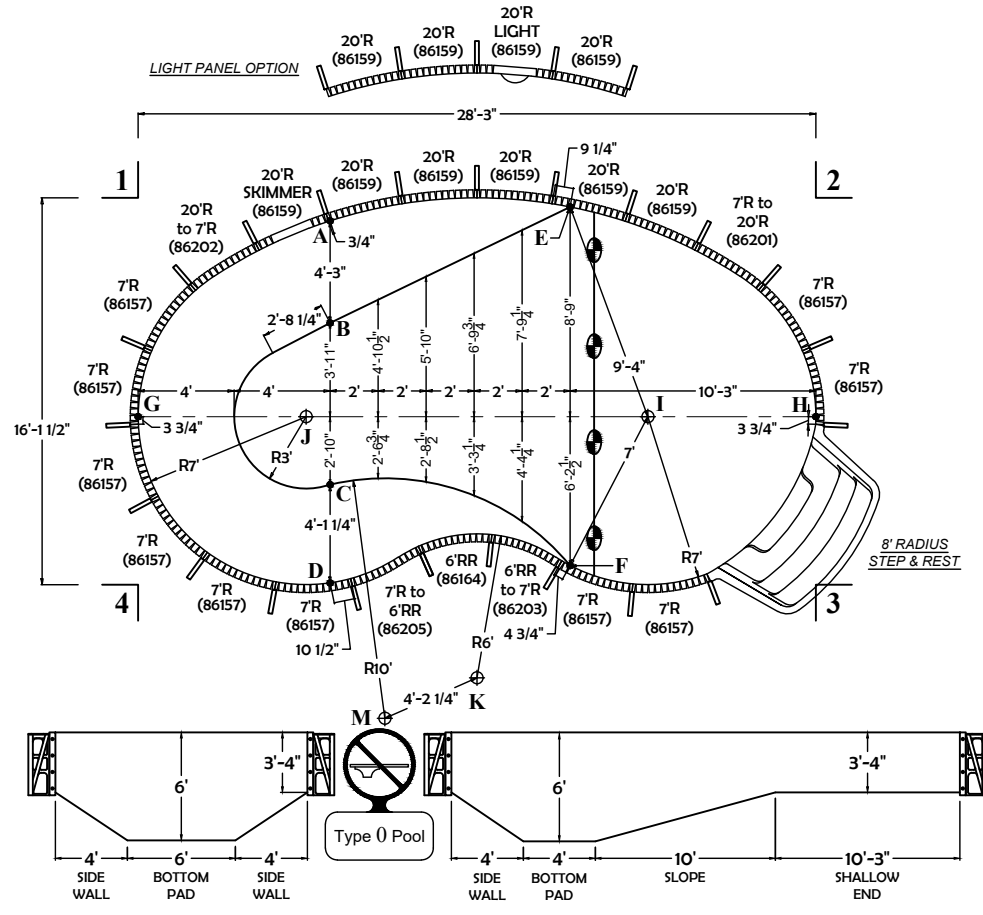
14' x 28' Left Kidney

Perimeter	74'-2" / 22.60 m	page 1 of 2	8' Radius Step
Surface Area	364.9 SF / 33.9 m ²		
Volume	10000 gal / 37850 L		
Liner Sq. Ft.	395.50 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	20
86164S	6' REVERSE RADIUS PANEL STRAP	1
86157S	7' RADIUS PANEL STRAP	10
86159S	20' RADIUS PANEL STRAP	6
86201S	7R to 20R STRAP SET	1
86202S	20R to 7R STRAP SET	1
86203S	6'RR to 7R STRAP SET	1
86205S	7R to 6'RR STRAP SET	1
09115	PUSH NUTS	546
42146	BRACE SYSTEM COMPLETE	22
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	8'-0 3/4"	2 - A	20'-3 1/4"	3 - A	25'-3 1/2"	4 - A	17'-1 3/4"	G - A	11'-5 1/4"	H - A	21'-10"
1 - B	9'-6 1/2"	2 - B	20'-10 3/4"	3 - B	23'	4 - B	13'-6 1/4"	G - B	8'-10 3/4"	H - B	20'-7 1/4"
1 - C	14'-4 1/2"	2 - C	23'-6"	3 - C	20'-8"	4 - C	9'-0 1/4"	G - C	8'-5 3/4"	H - C	20'-5 1/4"
1 - D	17'-11 1/4"	2 - D	25'-10"	3 - D	20'-3"	4 - D	8'	G - D	10'-7"	H - D	21'-4 3/4"
1 - E	18'	2 - E	10'-3"	3 - E	18'-9 1/4"	4 - E	23'-11"	G - E	20'-0 1/4"	H - E	13'-5 1/2"
1 - F	23'-7 3/4"	2 - F	18'-5 1/4"	3 - F	10'-3 1/4"	4 - F	18'-0 1/4"	G - F	19'-0 1/2"	H - F	11'-11 3/4"
1 - G	9'-1 1/2"	2 - G	29'-8 1/4"	3 - G	29'-1 1/4"	4 - G	7'	G - G	28'-3"	H - G	28'-3"
1 - H	29'-8 1/4"	2 - H	9'-1 1/2"	3 - H	7'	4 - H	29'-1 1/4"	G - H	16'-2 3/4"	H - H	21'-11"
1 - I	23'-11 1/2"	2 - I	11'-6"	3 - I	9'-10 3/4"	4 - I	22'-4 1/4"				
1 - J	11'-6"	2 - J	23'-1 1/2"	3 - J	22'-4 1/4"	4 - J	9'-10 3/4"				
1 - K	24'-5 3/4"	2 - K	24'-5 3/4"	3 - K	14'-7 3/4"	4 - K	14'-7 3/4"				
1 - M	24'	2 - M	28'-2"	3 - M	18'-9 1/2"	4 - M	11'-8 1/4"				
1 - W	18'-2"	2 - W	25'-0 3/4"	3 - W	19'-4 1/2"	4 - W	8'-10 1/4"				
1 - X	23'-3"	2 - X	18'-5 3/4"	3 - X	10'-7 1/2"	4 - X	17'-8 1/4"				
1 - Y	23'-3 1/2"	2 - Y	5'-6"	3 - Y	14'-10"	4 - Y	27'-0 3/4"				
1 - Z	5'-6"	2 - Z	23'-3 1/2"	3 - Z	27'-0 3/4"	4 - Z	14'-10"				

1 - 3	32'-6 1/4"
2 - 4	



* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

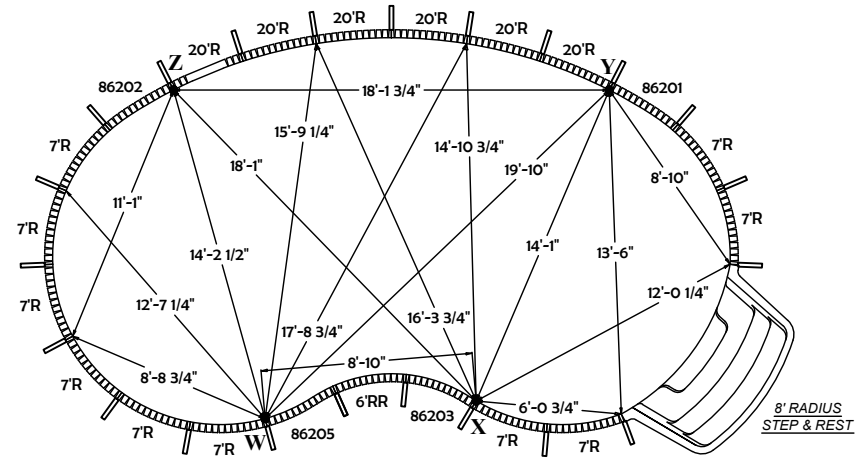
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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

4'
4'

14' x 28' Left Kidney

Perimeter	74'-2" / 22.60 m	page 2 of 2	8' Radius Step
Surface Area	364.9 SF / 33.9 m ²		
Volume	10000 gal / 37850 L		
Liner Sq. Ft.	395.50 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	20
86164S	6' REVERSE RADIUS PANEL STRAP	1
86157S	7' RADIUS PANEL STRAP	10
86159S	20' RADIUS PANEL STRAP	6
86201S	7R to 20R STRAP SET	1
86202S	20R to 7R STRAP SET	1
86203S	6'RR to 7R STRAP SET	1
86205S	7R to 6'RR STRAP SET	1
09115	PUSH NUTS	546
42146	BRACE SYSTEM COMPLETE	22
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



8' RADIUS STEP & REST

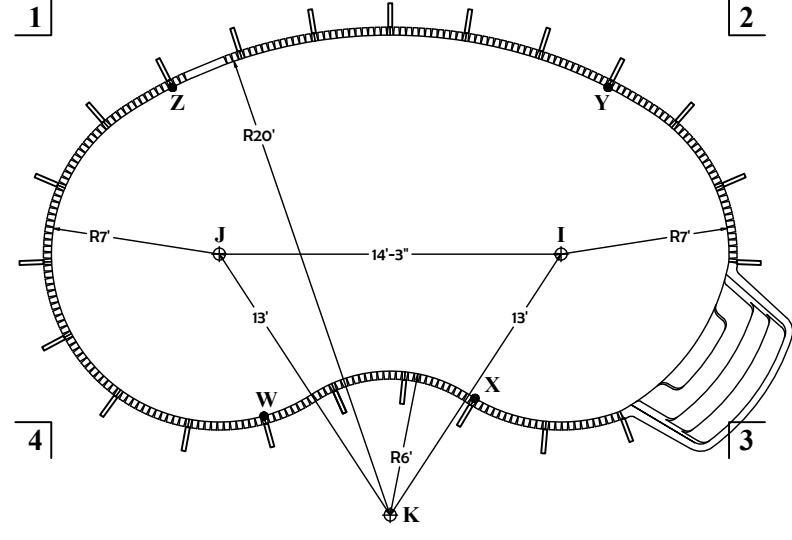
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



14' x 28' Right Kidney

Perimeter	74'-2" / 22.60 m	page 1 of 2	8' Radius Step
Surface Area	364.9 SF / 33.9 m ²		
Volume	10000 gal / 37850 L		
Liner Sq. Ft.	395.50 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	20
86164S	6' REVERSE RADIUS PANEL STRAP	1
86157S	7' RADIUS PANEL STRAP	10
86159S	20' RADIUS PANEL STRAP	6
86201S	7R to 20R STRAP SET	1
86202S	20R to 7R STRAP SET	1
86204S	7R to 6RR STRAP SET	1
86206S	6RR to 7R STRAP SET	1
09115	PUSH NUTS	546
42146	BRACE SYSTEM COMPLETE	22
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	8'-0 3/4"	2 - A	20'-3 1/4"	3 - A	25'-3 1/2"	4 - A	17'-1 3/4"	G - A	11'-5 1/4"	H - A	21'-10"
1 - B	9'-6 1/2"	2 - B	20'-10 3/4"	3 - B	23'	4 - B	13'-6 1/4"	G - B	8'-10 3/4"	H - B	20'-7 1/4"
1 - C	14'-4 1/2"	2 - C	23'-6"	3 - C	20'-8"	4 - C	9'-0 1/4"	G - C	8'-5 3/4"	H - C	20'-5 1/4"
1 - D	17'-11 1/4"	2 - D	25'-10"	3 - D	20'-3"	4 - D	8'	G - D	10'-7"	H - D	21'-4 3/4"
1 - E	18'	2 - E	10'-3"	3 - E	18'-9 1/4"	4 - E	23'-11"	G - E	20'-0 1/4"	H - E	13'-5 1/2"
1 - F	23'-7 3/4"	2 - F	18'-5 1/4"	3 - F	10'-3 1/4"	4 - F	18'-0 1/4"	G - F	19'-0 1/2"	H - F	11'-11 3/4"
1 - G	9'-1 1/2"	2 - G	29'-8 1/4"	3 - G	29'-1 1/4"	4 - G	7'	G - G	28'-3"	H - G	28'-3"
1 - H	29'-8 1/4"	2 - H	9'-1 1/2"	3 - H	7'	4 - H	29'-1 1/4"	G - H	16'-2 3/4"	H - H	21'-11"
1 - I	23'-1 1/2"	2 - I	11'-6"	3 - I	9'-10 3/4"	4 - I	22'-4 1/4"				
1 - J	11'-6"	2 - J	23'-1 1/2"	3 - J	22'-4 1/4"	4 - J	9'-10 3/4"				
1 - K	24'-5 3/4"	2 - K	24'-5 3/4"	3 - K	14'-7 3/4"	4 - K	14'-7 3/4"				
1 - M	24'	2 - M	28'-2"	3 - M	18'-9 1/2"	4 - M	11'-8 1/4"				
1 - W	18'-2"	2 - W	25'-0 3/4"	3 - W	19'-4 1/2"	4 - W	8'-10 1/4"				
1 - X	23'-3"	2 - X	18'-5 3/4"	3 - X	10'-7 1/2"	4 - X	17'-8 1/4"				
1 - Y	23'-3 1/2"	2 - Y	5'-6"	3 - Y	14'-10"	4 - Y	27'-0 3/4"				
1 - Z	5'-6"	2 - Z	23'-3 1/2"	3 - Z	27'-0 3/4"	4 - Z	14'-10"				

1 - 3	32'-6 1/4"
2 - 4	

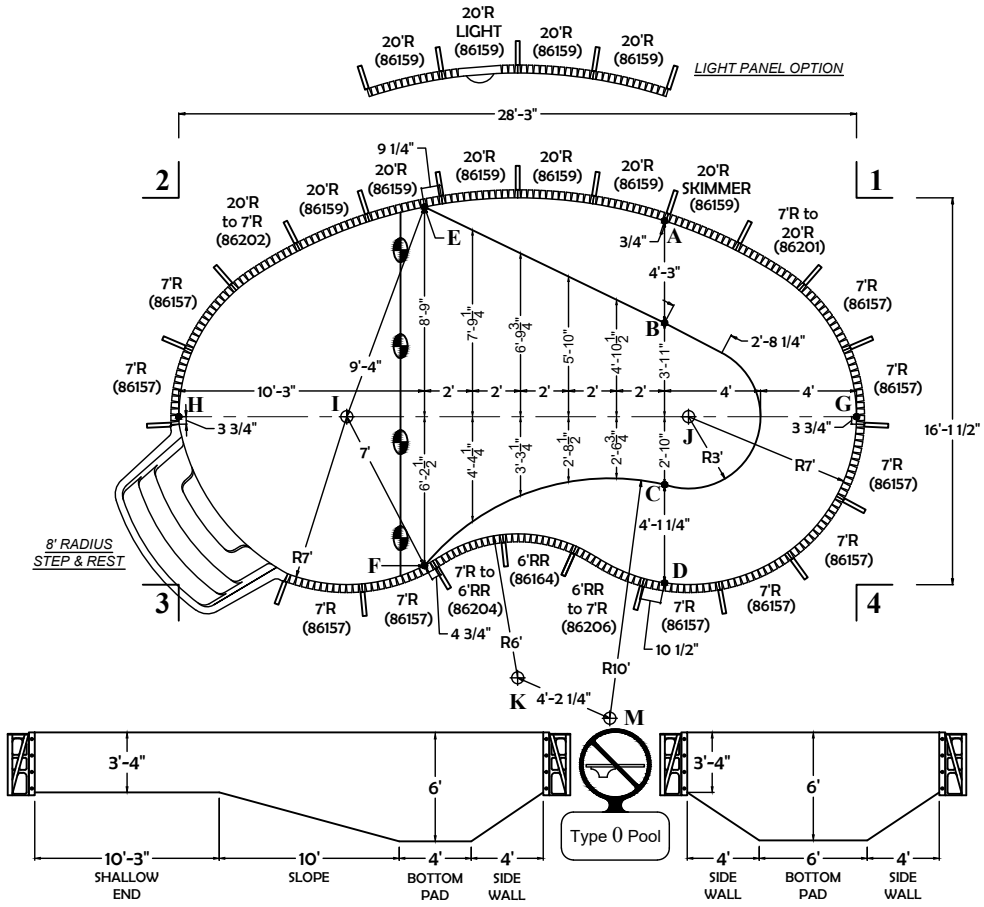
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE



4'
4'

14' x 28' Right Kidney

Perimeter	74'-2" / 22.60 m	page 2 of 2	8' Radius Step
Surface Area	364.9 SF / 33.9 m ²		
Volume	10000 gal / 37850 L		
Liner Sq. Ft.	395.50 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	20
86164S	6' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	10
86159S	20' RADIUS PANEL STRAP	6
86201S	7R to 20R STRAP SET	1
86202S	20R to 7R STRAP SET	1
86204S	7R to 6RR STRAP SET	1
86206S	6RR to 7R STRAP SET	1
09115	PUSH NUTS	546
42146	BRACE SYSTEM COMPLETE	22
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

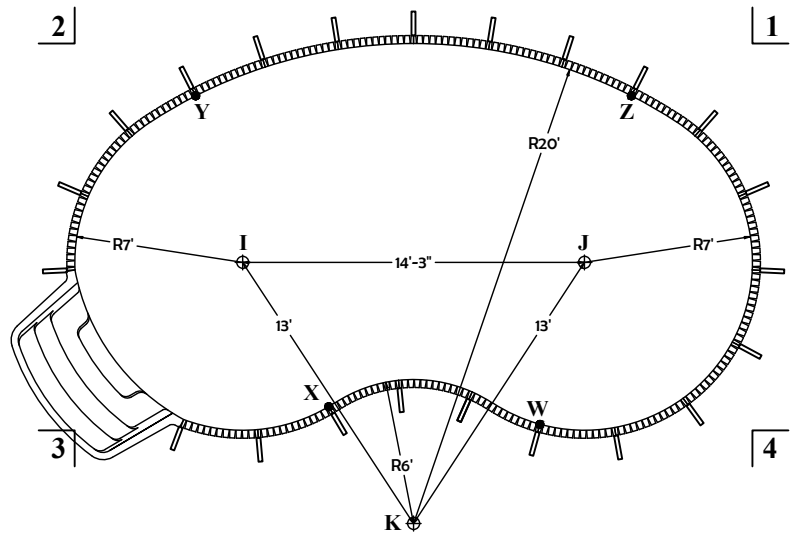
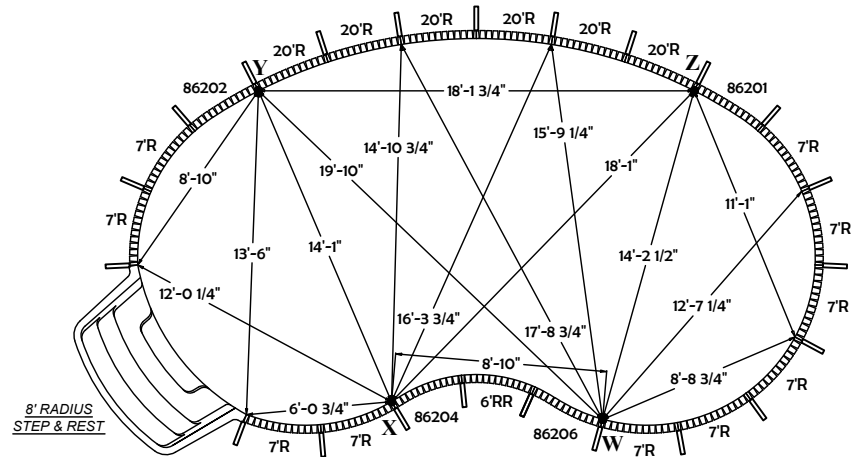
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



14' x 28' Left Kidney w/ Nexus Stair

Perimeter	75'-4" / 22.96 m	page 1 of 2
Surface Area	373.6 SF / 34.7 m ²	
Volume	10200 gal / 38600 L	
Liner Sq. Ft.	402.30 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	23
86164S	6' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	12
86159S	20' RADIUS PANEL STRAP	6
88913S	7R to 6RR STRAP SET	1
88914S	6RR to 7R STRAP SET	1
89019S	20R to 7R STRAP SET	1
89020S	7R to 20R STRAP SET	1
09115	PUSH NUTS	624
42146	BRACE SYSTEM COMPLETE	24
N55002	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	8'-0 3/4"	2 - A	20'-9 1/2"	3 - A	25'-9"	4 - A	17'-2 3/4"	G - A	11'-6"	H - A	22'-4"
1 - B	9'-7 1/4"	2 - B	21'-5 1/4"	3 - B	23'-5 3/4"	4 - B	13'-7"	G - B	8'-11 1/4"	H - B	21'-1 1/2"
1 - C	14'-6 1/4"	2 - C	24'-0 1/2"	3 - C	21'-2"	4 - C	9'-0 1/4"	G - C	8'-5 3/4"	H - C	20'-11 1/2"
1 - D	18'-1"	2 - D	26'-4 1/4"	3 - D	20'-9"	4 - D	8'	G - D	10'-7"	H - D	21'-10 1/2"
1 - E	18"	2 - E	10'-9 1/4"	3 - E	19'-3"	4 - E	24'-0 3/4"	G - E	20'-1 1/4"	H - E	14'
1 - F	23'-6 3/4"	2 - F	18'-7 1/2"	3 - F	10'-9 3/4"	4 - F	18'-0 1/2"	G - F	18'-11 1/4"	H - F	12'-3 1/4"
1 - G	9'-3 1/2"	2 - G	30'-2 3/4"	3 - G	29'-7 1/4"	4 - G	7'	G - G	28'-9"	H - G	28'-9"
1 - H	9'-3 1/2"	2 - H	9'-3 1/2"	3 - H	7'	4 - H	29'-7 1/4"	G - H	16'-4"	H - L	22'-1 3/4"
1 - I	23'-8"	2 - I	11'-7 3/4"	3 - I	9'-10 3/4"	4 - I	22'-10 1/4"				
1 - J	11'-7 3/4"	2 - J	23'-8"	3 - J	22'-10 1/4"	4 - J	9'-10 3/4"				
1 - K	24'-7 1/2"	2 - K	24'-7 1/2"	3 - K	14'-10 1/4"	4 - K	14'-10 1/4"				
1 - L	24'-2 1/2"	2 - L	28'-5 1/2"	3 - L	19'-1"	4 - L	11'-10 1/4"				
1 - W	18'-8"	2 - W	22'-10"	3 - W	17'-5 1/4"	4 - W	11'-5 3/4"				
1 - X	22'-10"	2 - X	18'-8"	3 - X	11'-5 3/4"	4 - X	17'-5 1/4"				
1 - Y	26'-4 3/4"	2 - Y	4'-7 3/4"	3 - Y	12'-9"	4 - Y	28'-11 1/4"				
1 - Z	4'-7 3/4"	2 - Z	26'-4 3/4"	3 - Z	28'-11 1/4"	4 - Z	12'-9"				

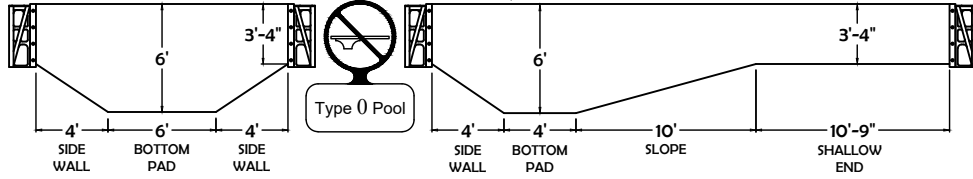
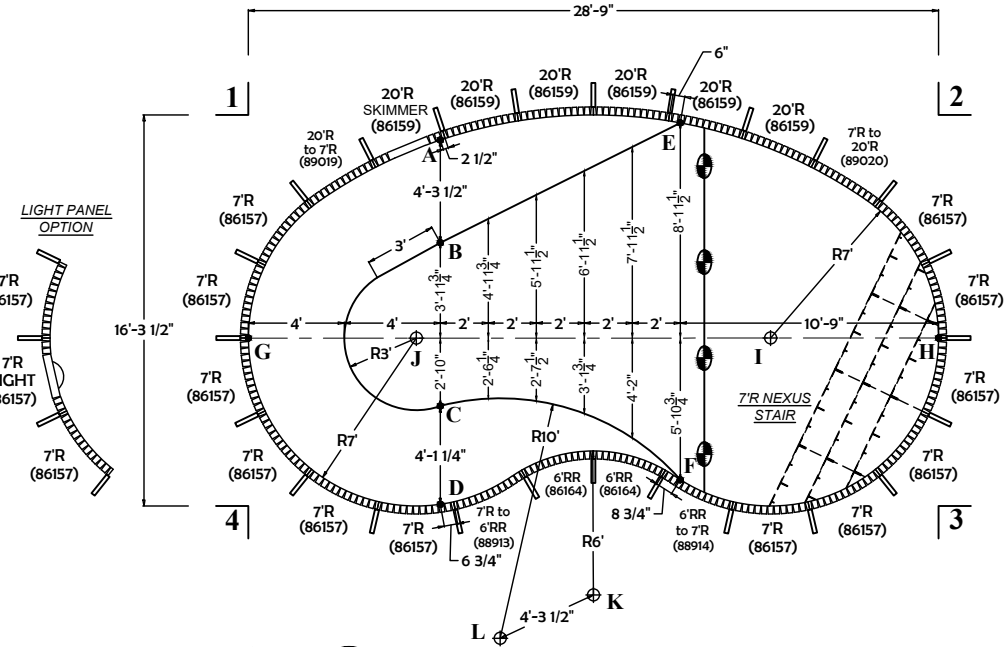
1 - 3	33'-0 3/4"
2 - 4	

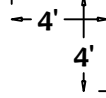
This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

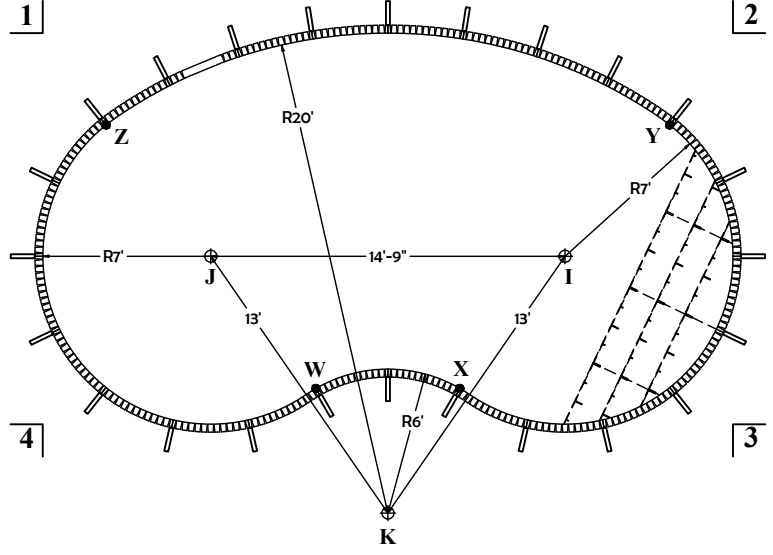
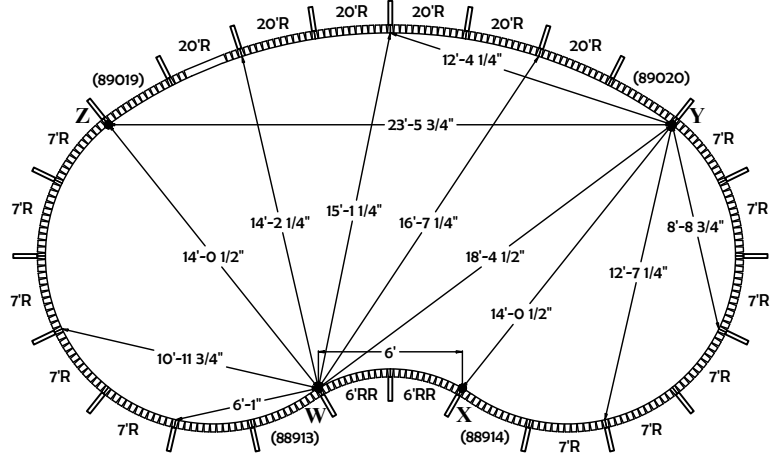




14' x 28' Left Kidney w/ Nexus Stair

Perimeter	75'-4" / 22.96 m	page 2 of 2	Nexus Stair
Surface Area	373.6 SF / 34.7 m ²		
Volume	10200 gal / 38600 L		
Liner Sq. Ft.	402.30 SF		

ITEM #	PART DESCRIPTION	
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	23
86164S	6' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	12
86159S	20' RADIUS PANEL STRAP	6
88913S	7'R to 6'RR STRAP SET	1
88914S	6'RR to 7'R STRAP SET	1
89019S	20'R to 7'R STRAP SET	1
89020S	7'R to 20'R STRAP SET	1
09115	PUSH NUTS	624
42146	BRACE SYSTEM COMPLETE	24
N55002	7 RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

14' x 28' Right Kidney w/ Nexus Stair

Perimeter	75'-4" / 22.96 m
Surface Area	373.6 SF / 34.7 m ²
Volume	10200 gal / 38600 L
Liner Sq. Ft.	402.30 SF

page
1 of 2

ITEM #	PART DESCRIPTION	Nexus Stair
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	23
86164S	6' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	12
86159S	20' RADIUS PANEL STRAP	6
88913S	7'R to 6'RR STRAP SET	1
88914S	6'RR to 7'R STRAP SET	1
89019S	20'R to 7'R STRAP SET	1
89020S	7'R to 20'R STRAP SET	1
09115	PUSH NUTS	624
42146	BRACE SYSTEM COMPLETE	24
N55002	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	8'-0 3/4"
1 - B	9'-7 1/4"
1 - C	14'-6 1/4"
1 - D	18'-1"
1 - E	18'
1 - F	23'-6 3/4"
1 - G	9'-3 1/2"
1 - H	30'-2 3/4"
1 - I	23'-8"
1 - J	11'-7 3/4"
1 - K	24'-7 1/2"
1 - L	24'-2 1/2"
1 - W	18'-8"
1 - X	22'-10"
1 - Y	26'-4 3/4"
1 - Z	4'-7 3/4"

2 - A	20'-9 1/2"
2 - B	21'-5 1/4"
2 - C	24'-0 1/2"
2 - D	26'-4 1/4"
2 - E	10'-9 1/4"
2 - F	18'-7 1/2"
2 - G	30'-2 3/4"
2 - H	9'-3 1/2"
2 - I	11'-7 3/4"
2 - J	23'-8"
2 - K	24'-7 1/2"
2 - L	28'-5 1/2"
2 - W	22'-10"
2 - X	18'-8"
2 - Y	4'-7 3/4"
2 - Z	26'-4 3/4"

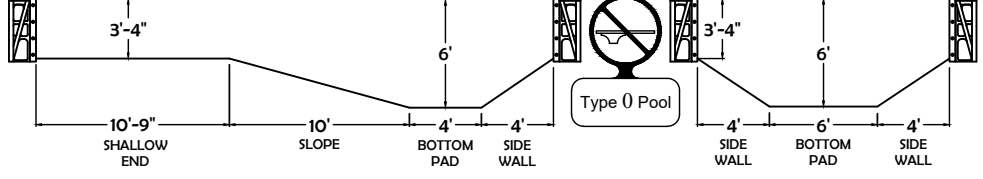
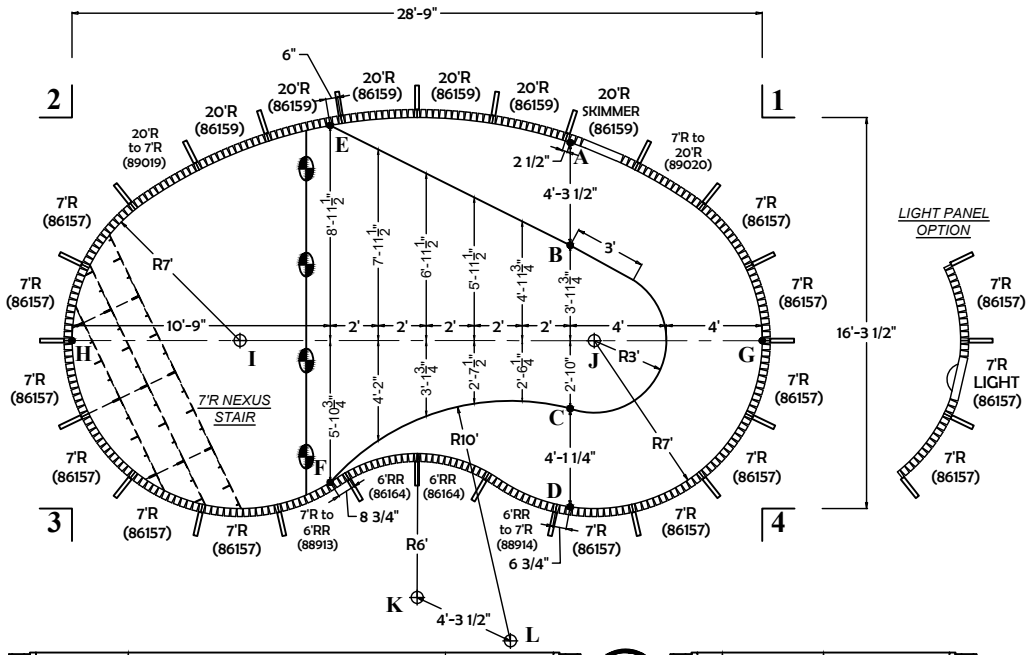
3 - A	25'-9"
3 - B	23'-5 3/4"
3 - C	21'-2"
3 - D	20'-9"
3 - E	19'-3"
3 - F	10'-9 3/4"
3 - G	29'-7 1/4"
3 - H	7'
3 - I	9'-10 3/4"
3 - J	22'-10 1/4"
3 - K	14'-10 1/4"
3 - L	19'-1"
3 - W	17'-5 1/4"
3 - X	11'-5 3/4"
3 - Y	12'-9"
3 - Z	28'-11 1/4"

4 - A	17'-2 3/4"
4 - B	13'-7"
4 - C	9'-0 1/4"
4 - D	8'
4 - E	24'-0 3/4"
4 - F	18'-0 1/2"
4 - G	7'
4 - H	29'-7 1/4"
4 - I	22'-10 1/4"
4 - J	9'-10 3/4"
4 - K	14'-10 1/4"
4 - L	11'-10 1/4"
4 - W	11'-5 3/4"
4 - X	17'-5 1/4"
4 - Y	28'-11 1/4"
4 - Z	12'-9"

G - A	11'-6"
G - B	8'-11 1/4"
G - C	8'-5 3/4"
G - D	10'-7"
G - E	20'-11 1/4"
G - F	18'-11 1/4"
G - H	28'-9"
G - L	16'-4"

H - A	22'-4"
H - B	21'-1 1/2"
H - C	20'-11 1/2"
H - D	21'-10 1/2"
H - E	14'
H - F	12'-3 1/4"
H - G	28'-9"
H - L	22'-1 3/4"

1 - 3	33'-0 3/4"
2 - 4	



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

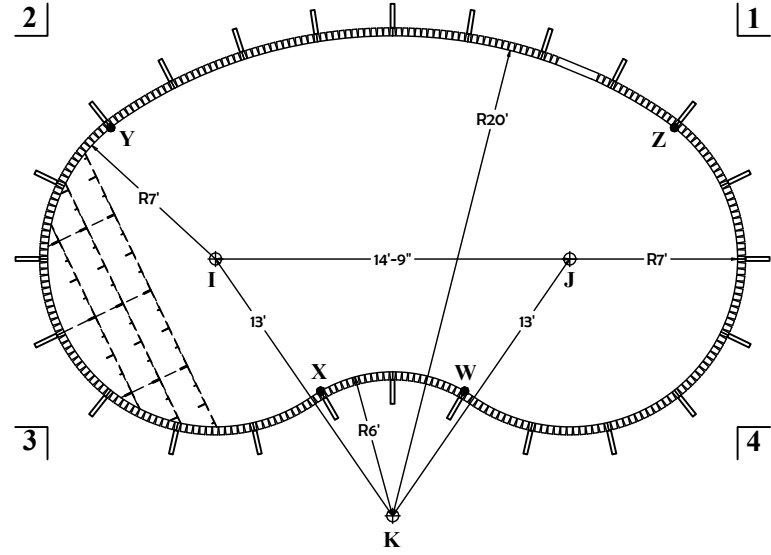
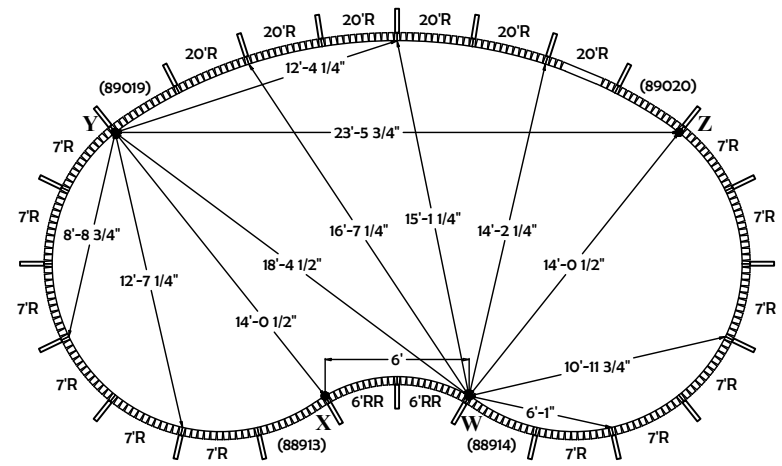


14' x 28' Right Kidney w/ Nexus Stair

Perimeter	75'-4" / 22.96 m
Surface Area	373.6 SF / 34.7 m ²
Volume	10200 gal / 38600 L
Liner Sq. Ft.	402.30 SF

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2 of 2

ITEM #	PART DESCRIPTION	Nexus Stair
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	23
86164S	6' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	12
86159S	20' RADIUS PANEL STRAP	6
88913S	7'R to 6'RR STRAP SET	1
88914S	6'RR to 7'R STRAP SET	1
89019S	20'R to 7'R STRAP SET	1
89020S	7'R to 20'R STRAP SET	1
09115	PUSH NUTS	624
42146	BRACE SYSTEM COMPLETE	24
N55002	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS& ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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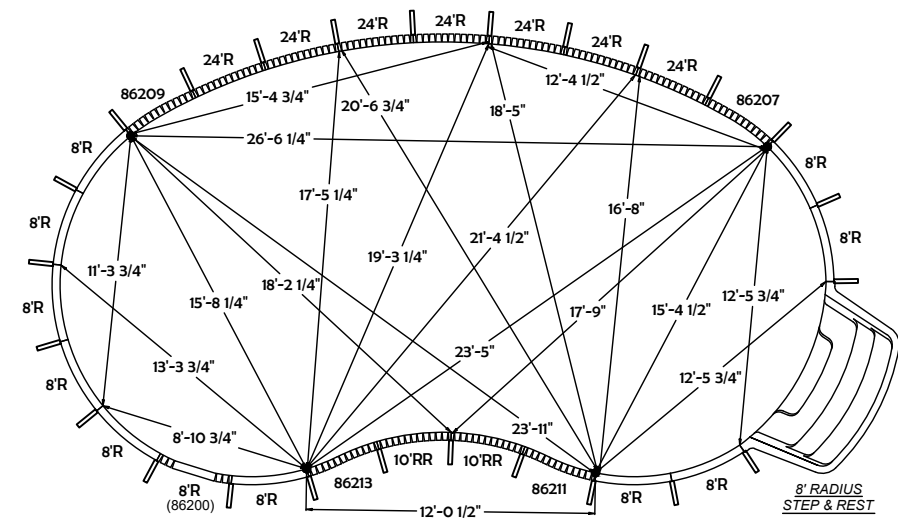
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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

16' x 32' Left Kidney

Perimeter	83'-5" / 25.42 m
Surface Area	469.3 SF / 43.6 m ²
Volume	14550 gal / 55100 L
Liner Sq. Ft.	510.6667 SF

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ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	2
86160S	24' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
86207S	8'R to 24'R STRAP SET	1
86209S	24'R to 8'R STRAP SET	1
86211S	10'RR to 8'R STRAP SET	1
86213S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	364
42146	BRACE SYSTEM COMPLETE	25
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



* - Use Bolts at Step Connection

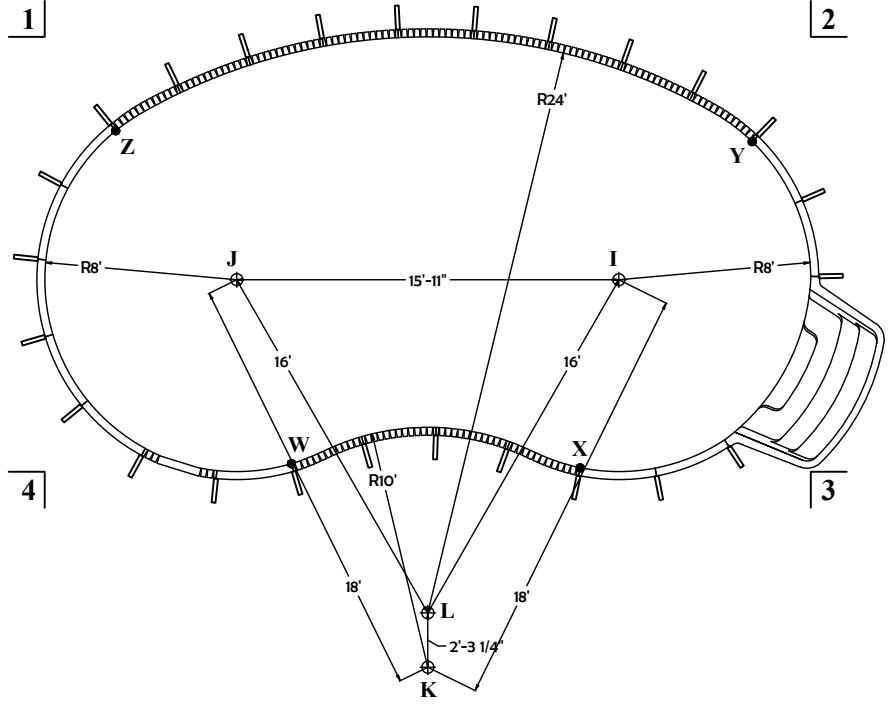
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE





16' x 32' Right Kidney

Perimeter	83'-5" / 25.42 m	page
Surface Area	469.3 SF / 43.6 m ²	
Volume	14550 gal / 55100 L	1 of 2
Liner Sq. Ft.	510.6667 SF	

8' Radius Step

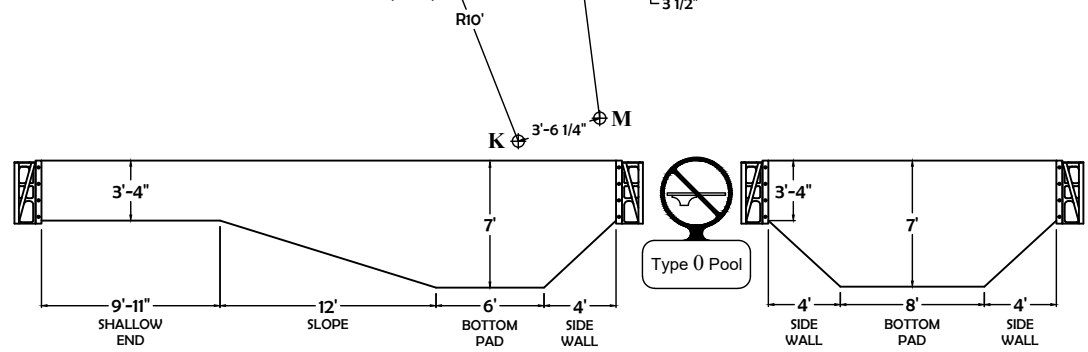
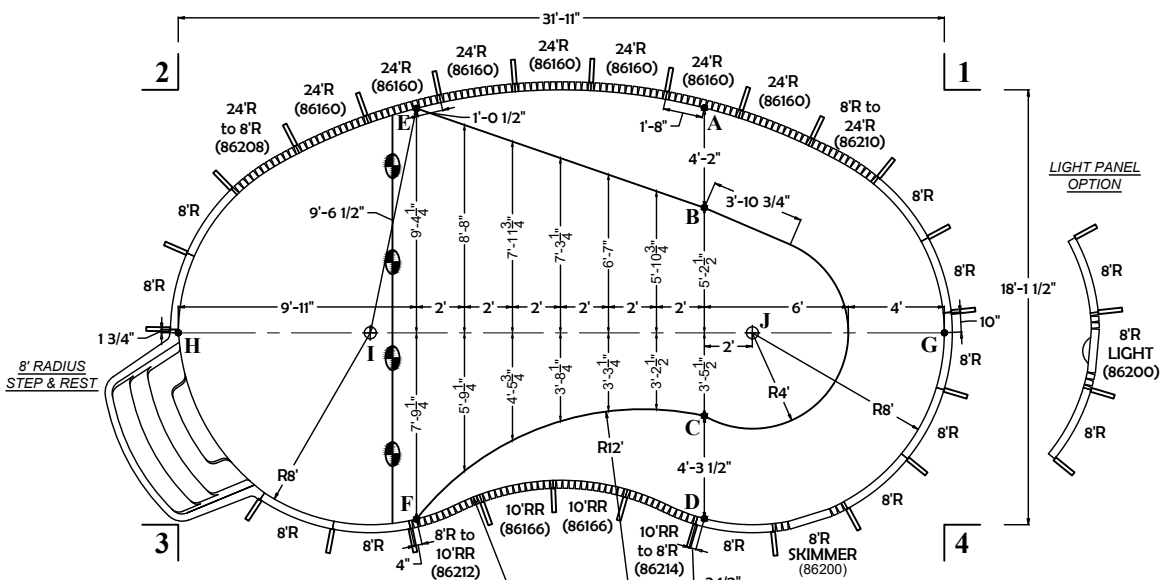
ITEM #	PART DESCRIPTION	QTY
42111	8' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	2
86160S	24' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
86208S	24'R to 8'R STRAP SET	1
86210S	8'R to 24'R STRAP SET	1
86212S	8'R to 10'RR STRAP SET	1
86214S	10'RR to 8'R STRAP SET	1
09115	PUSH NUTS	364
42146	BRACE SYSTEM COMPLETE	25
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

1 - A	10'-0 1/4"	2 - A	21'-11 1/4"	3 - A	27'-11 3/4"	4 - A	20'-0 1/2"	G - A	13'-8 1/2"	H - A	23'-10"
1 - B	11'-1 3/4"	2 - B	22'-5 1/2"	3 - B	25'-7 1/4"	4 - B	16'-6 3/4"	G - B	11'-3 1/4"	H - B	22'-6 1/2"
1 - C	16'-10 1/2"	2 - C	25'-9 1/2"	3 - C	22'-4 3/4"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	22'-2 1/4"
1 - D	20'-5 3/4"	2 - D	28'-3 1/2"	3 - D	21'-11"	4 - D	10'	G - D	12'-7 3/4"	H - D	23'-3"
1 - E	22'-0 1/4"	2 - E	9'-11 1/2"	3 - E	19'-11 3/4"	4 - E	28'-0 1/4"	G - E	23'-10 3/4"	H - E	13'-7 1/2"
1 - F	28'-4 1/4"	2 - F	20'-5 1/2"	3 - F	9'-11"	4 - F	22'	G - F	23'-4"	H - F	12'-7 1/4"
1 - G	10'-1 1/2"	2 - G	33'-6"	3 - G	32'-11"	4 - G	8'	G - H	31'-11"	H - G	31'-11"
1 - H	33'-6"	2 - H	10'-1 1/2"	3 - H	8'	4 - H	32'-11"	G - M	19'-8 1/2"	H - M	24'-7 1/4"
1 - I	25'-11 3/4"	2 - I	12'-10 3/4"	3 - I	11'-3 3/4"	4 - I	25'-2 3/4"				
1 - J	12'-10 3/4"	2 - J	25'-11 3/4"	3 - J	25'-2 3/4"	4 - J	11'-3 3/4"				
1 - K	30'-8 3/4"	2 - K	30'-8 3/4"	3 - K	17'-11"	4 - K	17'-11"				
1 - L	28'-10"	2 - L	28'-10"	3 - L	17'	4 - L	17'				
1 - M	28'-3"	2 - M	31'-10 1/4"	3 - M	20'-7 3/4"	4 - M	14'-5 3/4"				
1 - W	20'-6 1/2"	2 - W	28'-0 1/4"	3 - W	21'-7 3/4"	4 - W	10'-3 1/2"				
1 - X	28'-7 3/4"	2 - X	20'-4 1/2"	3 - X	9'-7 1/4"	4 - X	22'-3 3/4"				
1 - Y	29'-9 3/4"	2 - Y	5'	3 - Y	13'-11 3/4"	4 - Y	32'-6 1/2"				
1 - Z	4'-10 3/4"	2 - Z	29'-2 3/4"	3 - Z	32'-3 1/4"	4 - Z	14'-6 1/4"				

1 - 3	36'-8 1/2"
2 - 4	



NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

16' x 32' Right Kidney

Perimeter	83'-5" / 25.42 m
Surface Area	469.3 SF / 43.6 m ²
Volume	14550 gal / 55100 L
Liner Sq. Ft.	510.6667 SF

page
2 of 2

8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	2
86160S	24' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
86208S	24'R to 8'R STRAP SET	1
86210S	8'R to 24'R STRAP SET	1
86212S	8'R to 10'RR STRAP SET	1
86214S	10'RR to 8'R STRAP SET	1
09115	PUSH NUTS	364
42146	BRACE SYSTEM COMPLETE	25
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

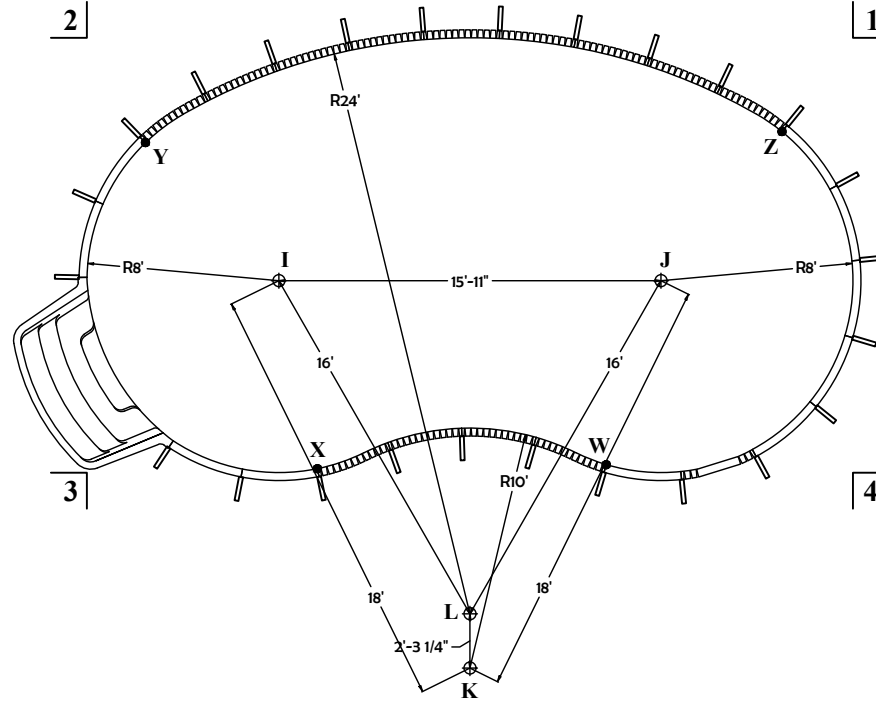
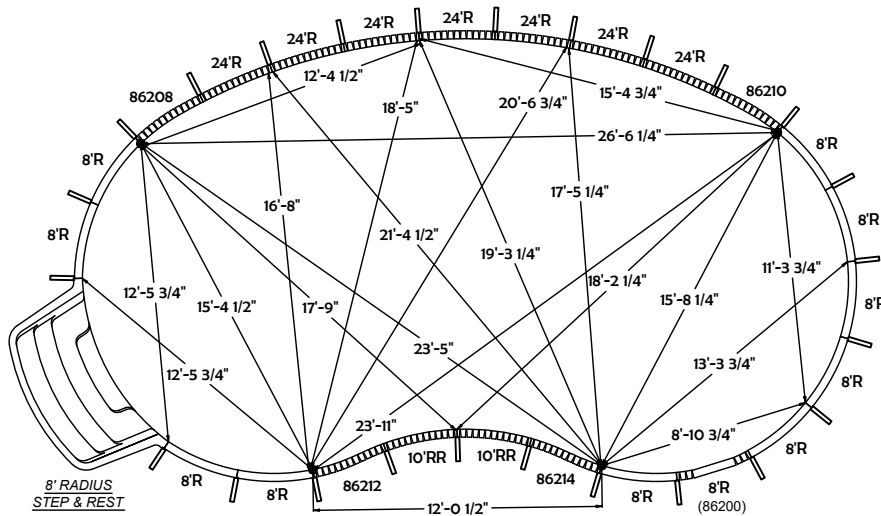
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



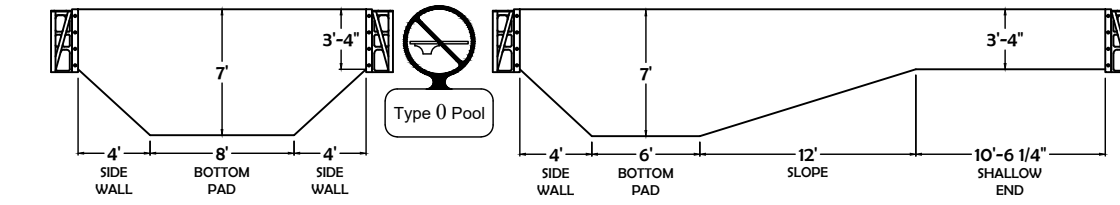
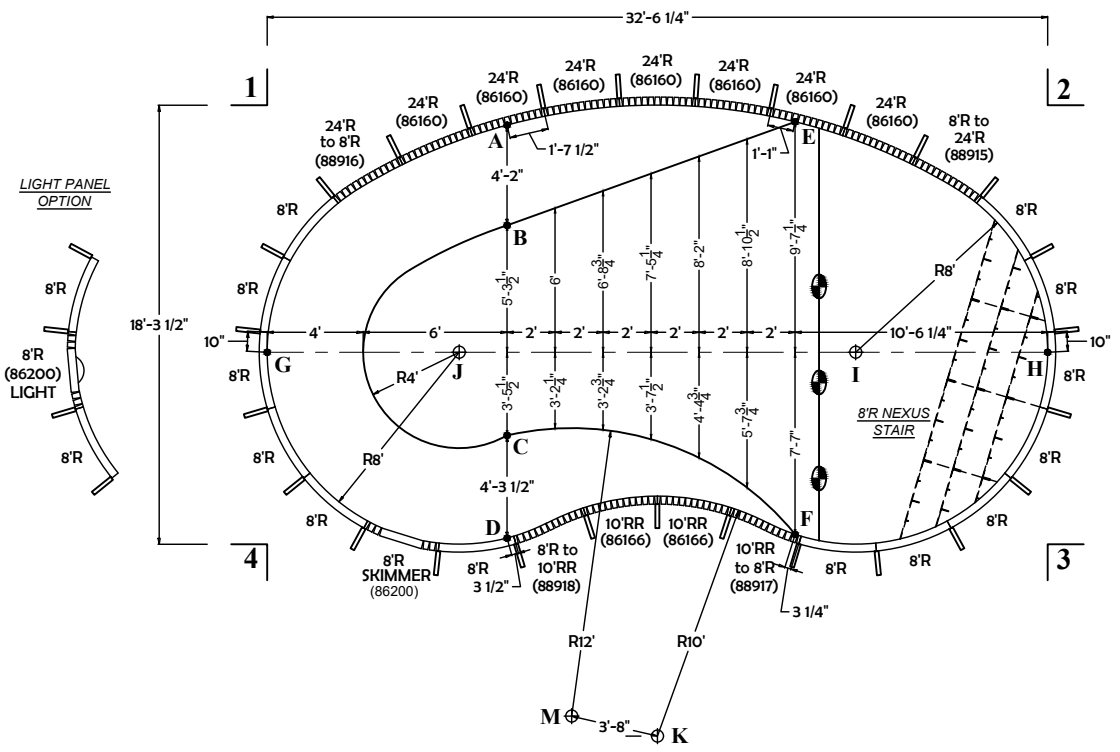
16' x 32' Left Kidney w/ Nexus Stair

Perimeter	84'-10" / 25.86 m	page 1 of 2
Surface Area	480.7 SF / 44.7 m ²	
Volume	14950 gal / 56550 L	
Liner Sq. Ft.	520.3328 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	13
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	2
86160S	24' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
88915S	8'R to 24'R STRAP SET	1
88916S	24'R to 8'R STRAP SET	1
88917S	10'RR to 8'R STRAP SET	1
88918S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	364
42146	BRACE SYSTEM COMPLETE	27
NS5003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	10'-0 1/2"	2 - A	22'-6 1/2"	3 - A	28'-6"	4 - A	20'-1 1/2"	G - A	13'-9 1/4"	H - A	24'-5 1/4"
1 - B	11'-2 1/4"	2 - B	23'-1"	3 - B	26'-1 3/4"	4 - B	16'-7 1/2"	G - B	11'-3 3/4"	H - B	23'-1 3/4"
1 - C	17'	2 - C	26'-4 3/4"	3 - C	22'-11 3/4"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	22'-9 1/2"
1 - D	20'-7 1/2"	2 - D	28'-10 1/4"	3 - D	22'-6 1/4"	4 - D	10'	G - D	12'-7 3/4"	H - D	23'-9 3/4"
1 - E	22'-0 1/4"	2 - E	10'-6 1/2"	3 - E	20'-6"	4 - E	28'-2"	G - E	24'	H - E	14'-3"
1 - F	28'-4 1/4"	2 - F	20'-9"	3 - F	10'-6 1/2"	4 - F	22'	G - F	23'-3 1/4"	H - F	12'-11 3/4"
1 - G	10'-3 1/2"	2 - G	34'-1 1/2"	3 - G	33'-6"	4 - G	8'	G - H	32'-6 1/4"	H - G	32'-6 1/4"
1 - H	34'-1 1/2"	2 - H	10'-3 1/2"	3 - H	8'	4 - H	33'-6"	G - M	19'-9 1/4"	H - M	24'-11 1/2"
1 - I	26'-7 1/4"	2 - I	13'-0 1/2"	3 - I	11'-3 3/4"	4 - I	25'-9 1/2"				
1 - J	13'-0 1/2"	2 - J	26'-7 1/4"	3 - J	25'-9 1/2"	4 - J	11'-3 3/4"				
1 - K	30'-11"	2 - K	30'-11"	3 - K	18'-1 1/2"	4 - K	18'-1 1/2"				
1 - L	29'	2 - L	28'-11 3/4"	3 - L	17'-2 3/4"	4 - L	17'-2 3/4"				
1 - M	28'-5 1/4"	2 - M	32'-3 1/4"	3 - M	21'-1"	4 - M	14'-6 3/4"				
1 - W	20'-6"	2 - W	29'-3 1/4"	3 - W	22'-11 1/2"	4 - W	9'-6 3/4"				
1 - X	27'-10 3/4"	2 - X	20'-10 1/4"	3 - X	10'-11 3/4"	4 - X	21'-6 3/4"				
1 - Y	30'-5 1/2"	2 - Y	5'-2"	3 - Y	13'-11 1/4"	4 - Y	33'-1 1/4"				
1 - Z	5'-1"	2 - Z	29'-2 1/4"	3 - Z	32'-5 1/2"	4 - Z	15'-1"				

1 - 3	37'-3 3/4"
2 - 4	



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

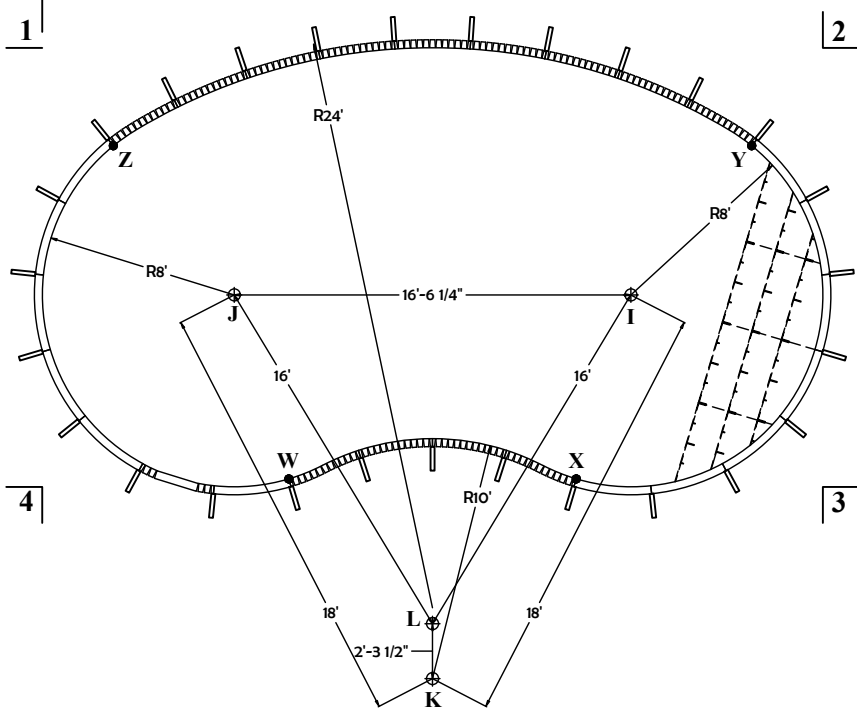
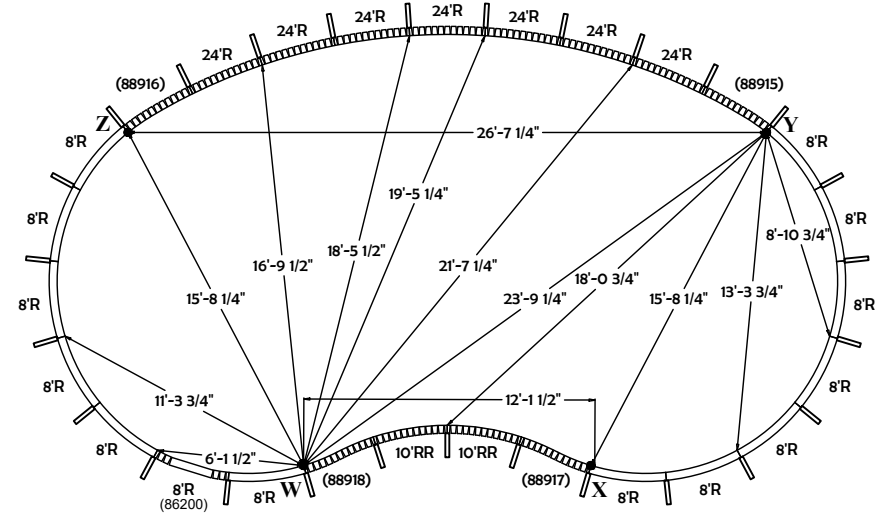
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

16' x 32' Left Kidney w/ Nexus Stair

Perimeter	84'-10" / 25.86 m
Surface Area	480.7 SF / 44.7 m ²
Volume	14950 gal / 56550 L
Liner Sq. Ft.	520.3328 SF

page
2 of 2

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	13
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	2
86160S	24' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
88915S	8'R to 24'R STRAP SET	1
88916S	24'R to 8'R STRAP SET	1
88917S	10'RR to 8'R STRAP SET	1
88918S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	364
42146	BRACE SYSTEM COMPLETE	27
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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16' x 32' Right Kidney w/ Nexus Stair

Perimeter	84'-10" / 25.86 m	page 1 of 2
Surface Area	480.7 SF / 44.7 m ²	
Volume	14950 gal / 56550 L	
Liner Sq. Ft.	520.3328 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	13
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88918S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	364
42146	BRACE SYSTEM COMPLETE	27
NS5003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 8' Radius Nexus Stair.

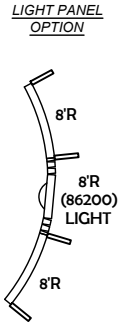
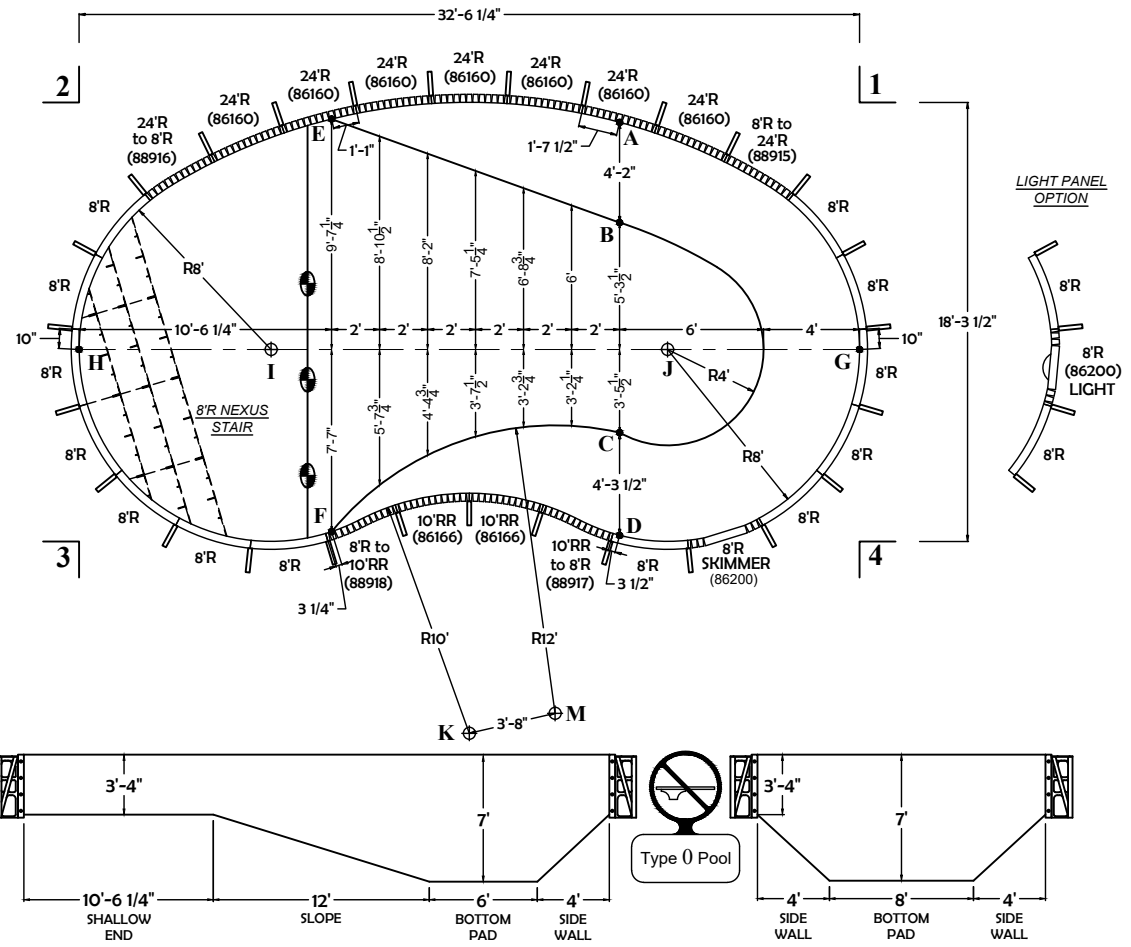
NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - A	10'-0 1/2"	2 - A	22'-6 1/2"	3 - A	28'-6"	4 - A	20'-1 1/2"	G - A	13'-9 1/4"	H - A	24'-5 1/4"
1 - B	11'-2 1/4"	2 - B	23'-1"	3 - B	26'-1 3/4"	4 - B	16'-7 1/2"	G - B	11'-3 3/4"	H - B	23'-1 3/4"
1 - C	17'	2 - C	26'-4 3/4"	3 - C	22'-11 3/4"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	22'-9 1/2"
1 - D	20'-7 1/2"	2 - D	28'-10 1/4"	3 - D	22'-6 1/4"	4 - D	10'	G - D	12'-7 3/4"	H - D	23'-9 3/4"
1 - E	22'-0 1/4"	2 - E	10'-6 1/2"	3 - E	20'-6"	4 - E	28'-2"	G - E	24'	H - E	14'-3"
1 - F	28'-4 1/4"	2 - F	20'-9"	3 - F	10'-6 1/2"	4 - F	22'	G - F	23'-3 1/4"	H - F	12'-11 3/4"
1 - G	10'-3 1/2"	2 - G	34'-1 1/2"	3 - G	33'-6"	4 - G	8'	G - H	32'-6 1/4"	H - G	32'-6 1/4"
1 - H	34'-1 1/2"	2 - H	10'-3 1/2"	3 - H	8'	4 - H	33'-6"	G - M	19'-9 1/4"	H - M	24'-11 1/2"
1 - I	26'-7 1/4"	2 - I	13'-0 1/2"	3 - I	11'-3 3/4"	4 - I	25'-9 1/2"				
1 - J	13'-0 1/2"	2 - J	26'-7 1/4"	3 - J	25'-9 1/2"	4 - J	11'-3 3/4"				
1 - K	30'-11"	2 - K	30'-11"	3 - K	18'-1 1/2"	4 - K	18'-1 1/2"				
1 - L	29'	2 - L	28'-11 3/4"	3 - L	17'-2 3/4"	4 - L	17'-2 3/4"				
1 - M	28'-5 1/4"	2 - M	32'-3 1/4"	3 - M	21'-1"	4 - M	14'-6 3/4"				
1 - W	20'-6"	2 - W	29'-3 1/4"	3 - W	22'-11 1/2"	4 - W	9'-6 3/4"				
1 - X	27'-10 3/4"	2 - X	20'-10 1/4"	3 - X	10'-11 3/4"	4 - X	21'-6 3/4"				
1 - Y	30'-5 1/2"	2 - Y	5'-2"	3 - Y	13'-11 1/4"	4 - Y	33'-1 1/4"				
1 - Z	5'-1"	2 - Z	29'-2 1/4"	3 - Z	32'-5 1/2"	4 - Z	15'-1"				

1 - 3	37'-3 3/4"
2 - 4	

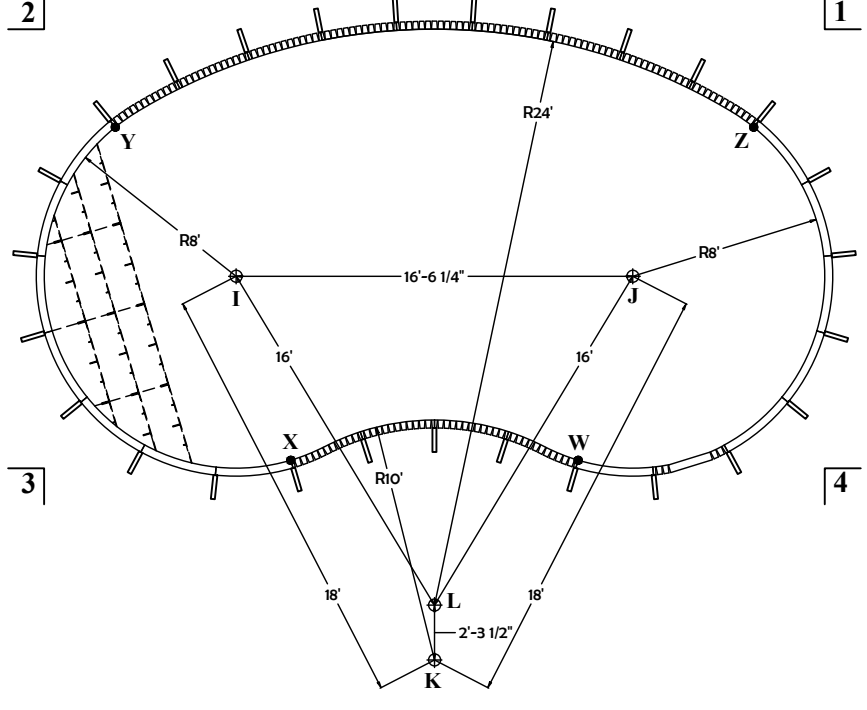
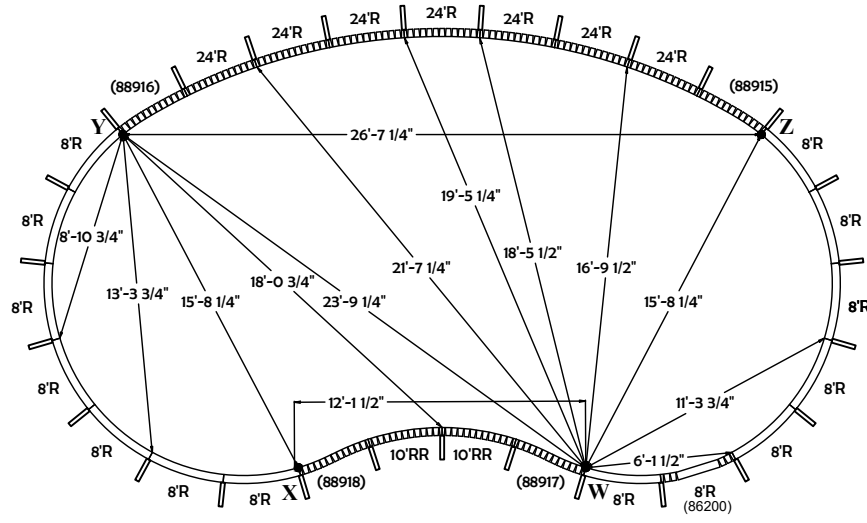


16' x 32' Right Kidney w/ Nexus Stair

Perimeter	84'-10" / 25.86 m
Surface Area	480.7 SF / 44.7 m ²
Volume	14950 gal / 56550 L
Liner Sq. Ft.	520.3328 SF

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ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	13
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	2
86160S	24' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
88915S	8'R to 24'R STRAP SET	1
88916S	24'R to 8'R STRAP SET	1
88917S	10'RR to 8'R STRAP SET	1
88918S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	364
42146	BRACE SYSTEM COMPLETE	27
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

20' x 38' Left Kidney

Perimeter	99'-2" / 30.22 m	page 1 of 2	8' Radius Step
Surface Area	643.5 SF / 59.8 m ²		
Volume	21400 gal / 81000 L		
Liner Sq. Ft.	759.1667 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	4
42112	10' RADIUS PANEL	9
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	14
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	10
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
86215S	8'R to 27'R STRAP SET	1
86217S	27'R to 10'R STRAP SET	1
86219S	10'R to 10'RR STRAP SET	1
09115	PUSH NUTS	416
42146	BRACE SYSTEM COMPLETE	30
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
 The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

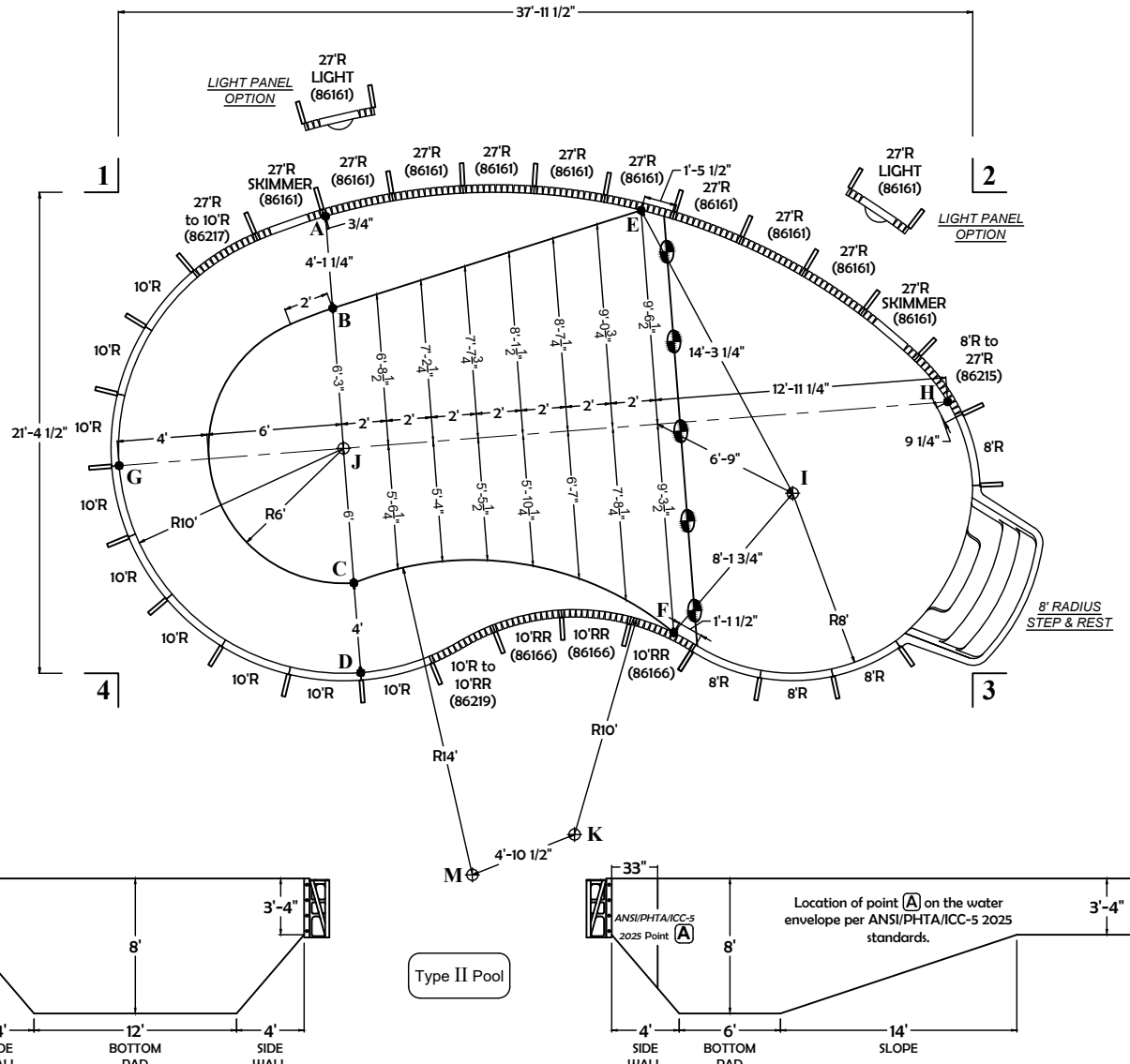
WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSIPHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSIPHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - A	9'-3 1/4"	2 - A	28'-9 1/4"	3 - A	35'-2 1/2"
1 - B	10'-10"	2 - B	28'-10 3/4"	3 - B	32'-9"
1 - C	20'-3 1/4"	2 - C	32'-6 1/4"	3 - C	27'-9 1/2"
1 - D	23'-11"	2 - D	34'-7"	3 - D	27'-2 1/4"
1 - E	23'-2 3/4"	2 - E	14'-9"	3 - E	25'-3 3/4"
1 - F	31'-6"	2 - F	23'-7 3/4"	3 - F	13'-5"
1 - G	12'-1 3/4"	2 - G	39'-10"	3 - G	39'-0 1/2"
1 - H	38'	2 - H	9'-4 1/2"	3 - H	12'-1 1/2"
1 - I	32'-9 3/4"	2 - I	15'-7"	3 - I	11'-3 3/4"
1 - J	15'-1 3/4"	2 - J	30'-2 1/4"	3 - J	29'-8 1/4"
1 - K	35'	2 - K	33'-7"	3 - K	19'-1"
1 - L	31'-9"	2 - L	34'-4 1/4"	3 - L	21'-11 3/4"
1 - M	34'-2"	2 - M	37'-7 1/4"	3 - M	23'-11 3/4"
1 - W	24'-9 3/4"	2 - W	31'-9 1/4"	3 - W	24'-2"
1 - X	32'-7 1/4"	2 - X	23'-7"	3 - X	12'-4 1/2"
1 - Y	36'-1 3/4"	2 - Y	7'-11"	3 - Y	14'-1 3/4"
1 - Z	6'-6 1/2"	2 - Z	31'-10 1/4"	3 - Z	37'-1 3/4"

4 - A	22'-3 3/4"	G - A	14'-4 3/4"	H - A	28'-10 1/4"
4 - B	18'-9 3/4"	G - B	11'-9 1/2"	H - B	27'-7 3/4"
4 - C	11'-2 1/2"	G - C	11'-8"	H - C	27'-7"
4 - D	10'-9 1/4"	G - D	14'-1 3/4"	H - D	28'-8 3/4"
4 - E	31'-0 1/2"	G - E	25'-10"	H - E	16'-0 3/4"
4 - F	24'-9"	G - F	25'-8 3/4"	H - F	15'-11"
4 - G	9'-2 3/4"	G - H	36'-11 1/4"	H - G	36'-11 1/4"
4 - H	38'-9 1/4"	H - I	29'-11 1/2"	H - I	8'
4 - I	31'-0 1/4"	H - J	10'	H - J	26'-11 1/4"
4 - J	14'-1 3/4"	H - K	26'-0 1/2"	H - K	25'-4 3/4"
4 - K	21'-6"	H - L	22'-4"	H - L	26'-9 3/4"
4 - L	17'-7 1/2"	G - M	24'-0 1/4"	H - M	29'-9 3/4"
4 - M	18'-1 1/4"				
4 - W	13'-10"				
4 - X	25'-8 1/4"				
4 - Y	38'				
4 - Z	20'-2 1/2"				

1 - 3	43'-6 3/4"
2 - 4	



20' x 38' Left Kidney

Perimeter	99'-2" / 30.22 m
Surface Area	643.5 SF / 59.8 m ²
Volume	21400 gal / 81000 L
Liner Sq. Ft.	759.1667 SF

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2 of 2

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	4
42112	10' RADIUS PANEL	9
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	14
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	10
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
86215S	8'R to 27'R STRAP SET	1
86217S	27'R to 10'R STRAP SET	1
86219S	10'R to 10'RR STRAP SET	1
09115	PUSH NUTS	416
42146	BRACE SYSTEM COMPLETE	30
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

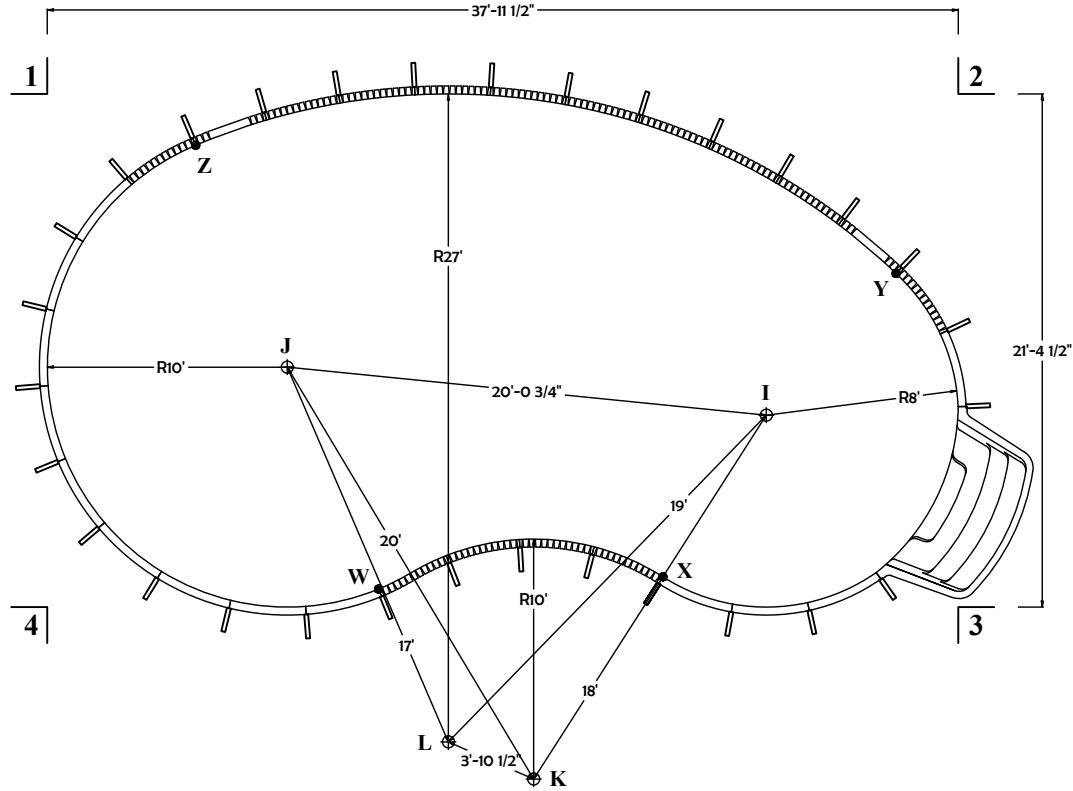
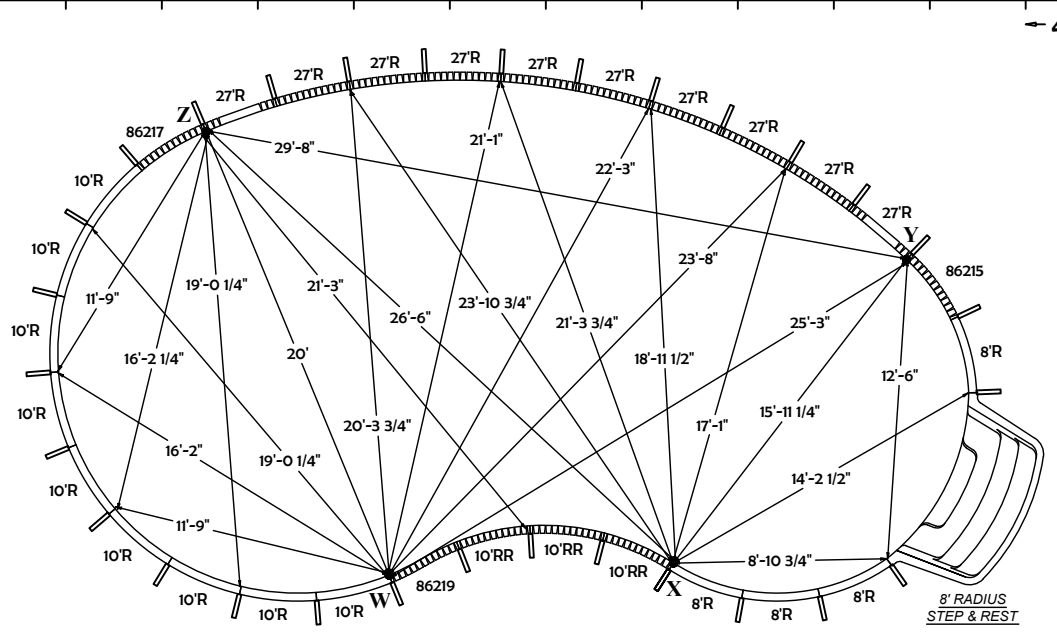
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



20' x 38' Right Kidney

Perimeter	99'-2" / 30.22 m	page 1 of 2
Surface Area	643.5 SF / 59.8 m ²	
Volume	21400 gal / 81000 L	
Liner Sq. Ft.	759.1667 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	4
42112	10' RADIUS PANEL	9
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	14
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	10
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
86216S	27R to 8'R STRAP SET	1
86218S	10'R to 27'R STRAP SET	1
86220S	10'RR to 10'R STRAP SET	1
09115	PUSH NUTS	416
42146	BRACE SYSTEM COMPLETE	30
074185NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	
* - Use Bolts at Step Connection		
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.		

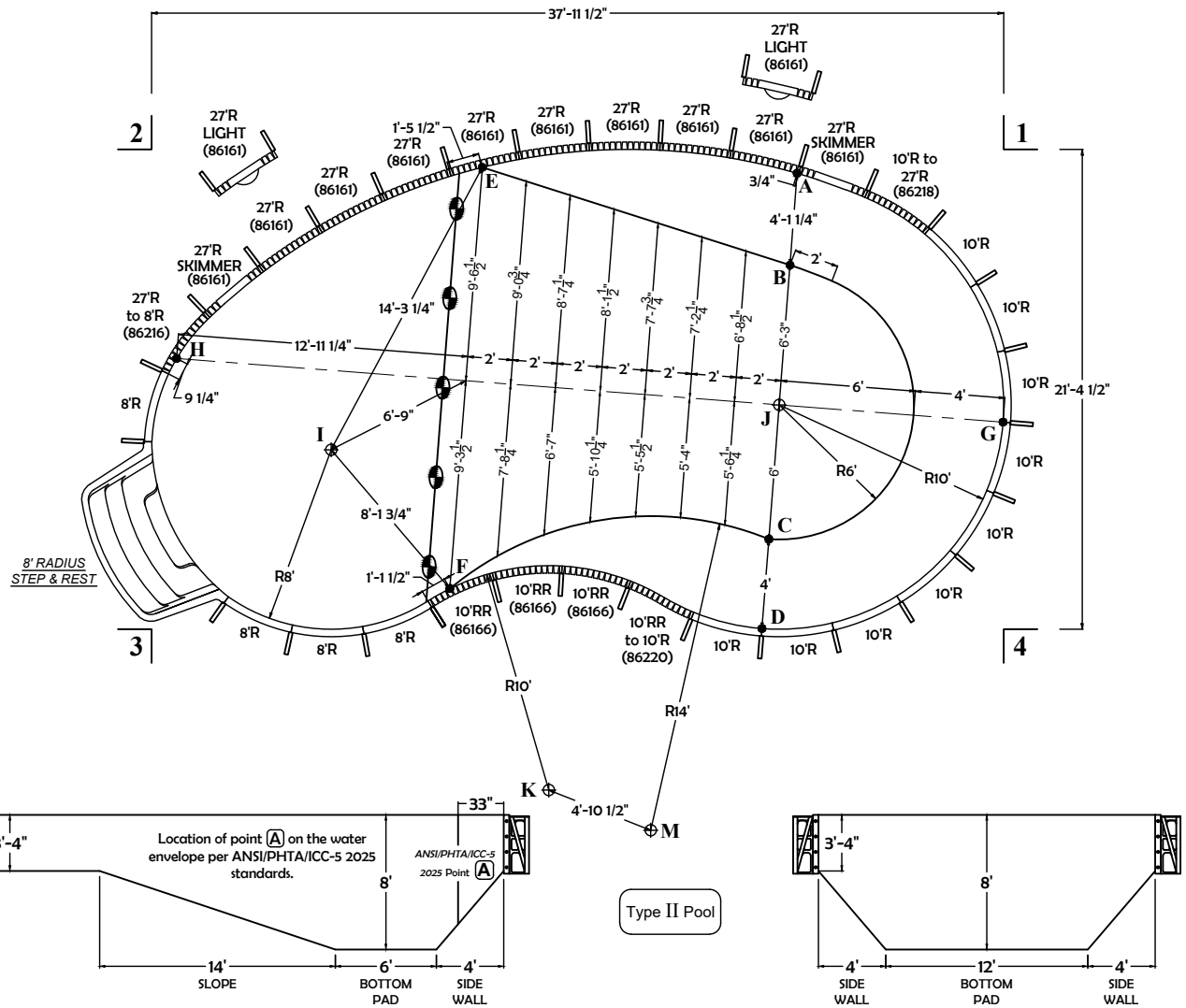
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
 The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for commercial diving equipment.

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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipment bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPSC CODE

1 - A	9'-3 1/4"	2 - A	28'-9 1/4"	3 - A	35'-2 1/2"	4 - A	22'-3 3/4"	G - A	14'-4 3/4"	H - A	28'-10 1/4"
1 - B	10'-10"	2 - B	28'-10 3/4"	3 - B	32'-9"	4 - B	18'-9 3/4"	G - B	11'-9 1/2"	H - B	27'-7 3/4"
1 - C	20'-3 1/4"	2 - C	32'-6 1/4"	3 - C	27'-9 1/2"	4 - C	11'-2 1/2"	G - C	11'-8"	H - C	27'-7"
1 - D	23'-11"	2 - D	34'-7"	3 - D	27'-2 1/4"	4 - D	10'-9 1/4"	G - D	14'-1 3/4"	H - D	28'-8 3/4"
1 - E	23'-2 3/4"	2 - E	14'-9"	3 - E	25'-3 3/4"	4 - E	31'-0 1/2"	G - E	25'-10"	H - E	16'-0 3/4"
1 - F	31'-6"	2 - F	23'-7 3/4"	3 - F	13'-5"	4 - F	24'-9"	G - F	25'-8 3/4"	H - F	15'-11"
1 - G	12'-1 3/4"	2 - G	39'-10"	3 - G	39'-0 1/2"	4 - G	9'-2 3/4"	G - H	36'-11 1/4"	H - G	36'-11 1/4"
1 - H	38'	2 - H	9'-4 1/2"	3 - H	12'-1 1/2"	4 - H	38'-9 1/4"	H - I	29'-11 1/2"	H - I	8'
1 - I	32'-9 3/4"	2 - I	15'-7"	3 - I	11'-3 3/4"	4 - I	31'-0 1/4"	H - J	10'	H - J	26'-11 1/4"
1 - J	15'-1 3/4"	2 - J	30'-2 1/4"	3 - J	29'-8 1/4"	4 - J	14'-1 3/4"	H - K	26'-0 1/2"	H - K	25'-4 3/4"
1 - K	35'	2 - K	33'-7"	3 - K	19'-1"	4 - K	21'-6"	H - L	22'-4"	H - L	26'-9 3/4"
1 - L	31'-9"	2 - L	34'-4 1/4"	3 - L	21'-11 3/4"	4 - L	17'-7 1/2"	G - M	24'-0 1/4"	H - M	29'-9 3/4"
1 - M	34'-2"	2 - M	37'-7 1/4"	3 - M	23'-11 3/4"	4 - M	18'-1 1/4"				
1 - W	24'-9 3/4"	2 - W	31'-9 1/4"	3 - W	24'-2"	4 - W	13'-10"				
1 - X	32'-7 1/4"	2 - X	23'-7"	3 - X	12'-4 1/2"	4 - X	25'-8 1/4"				
1 - Y	36'-1 3/4"	2 - Y	7'-11"	3 - Y	14'-1 3/4"	4 - Y	38'				
1 - Z	6'-6 1/2"	2 - Z	31'-10 1/4"	3 - Z	37'-1 3/4"	4 - Z	20'-2 1/2"				

1 - 3	43'-6 3/4"
2 - 4	



4'
4'

20' x 38' Right Kidney

Perimeter	99'-2" / 30.22 m
Surface Area	643.5 SF / 59.8 m ²
Volume	21400 gal / 81000 L
Liner Sq. Ft.	759.1667 SF

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8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	4
42112	10' RADIUS PANEL	9
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	14
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	10
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
86216S	27R to 8'R STRAP SET	1
86218S	10'R to 27'R STRAP SET	1
86220S	10'RR to 10'R STRAP SET	1
09115	PUSH NUTS	416
42146	BRACE SYSTEM COMPLETE	30
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

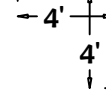
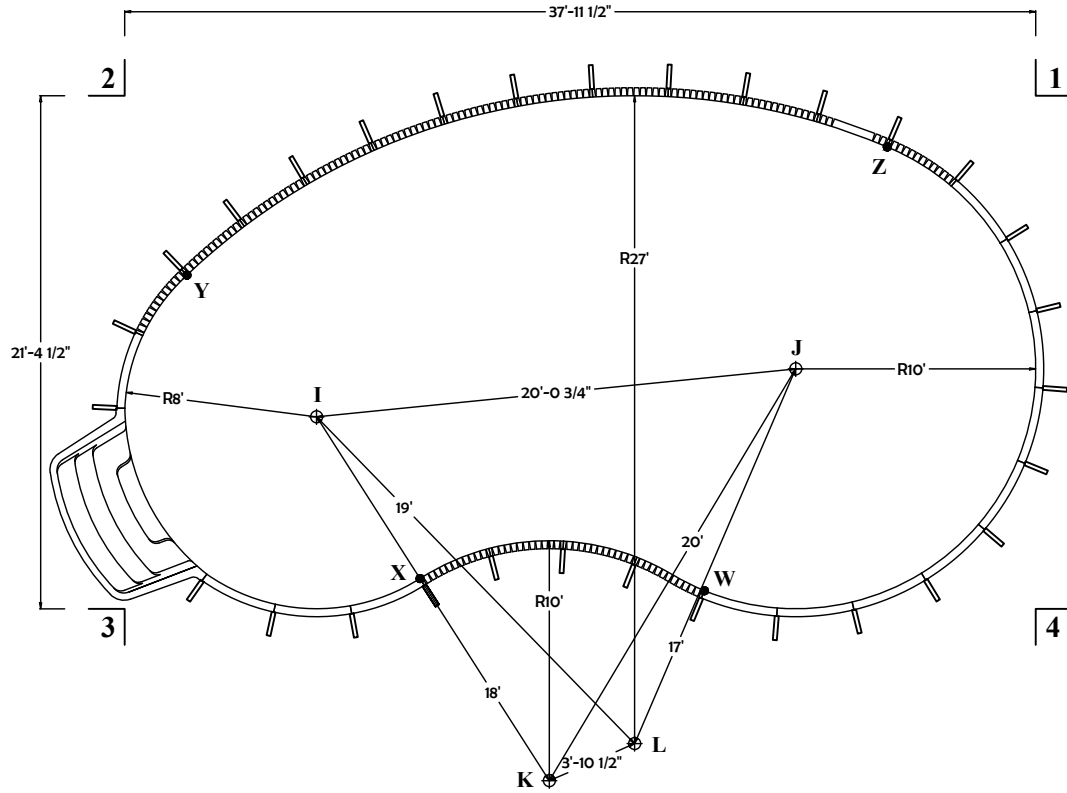
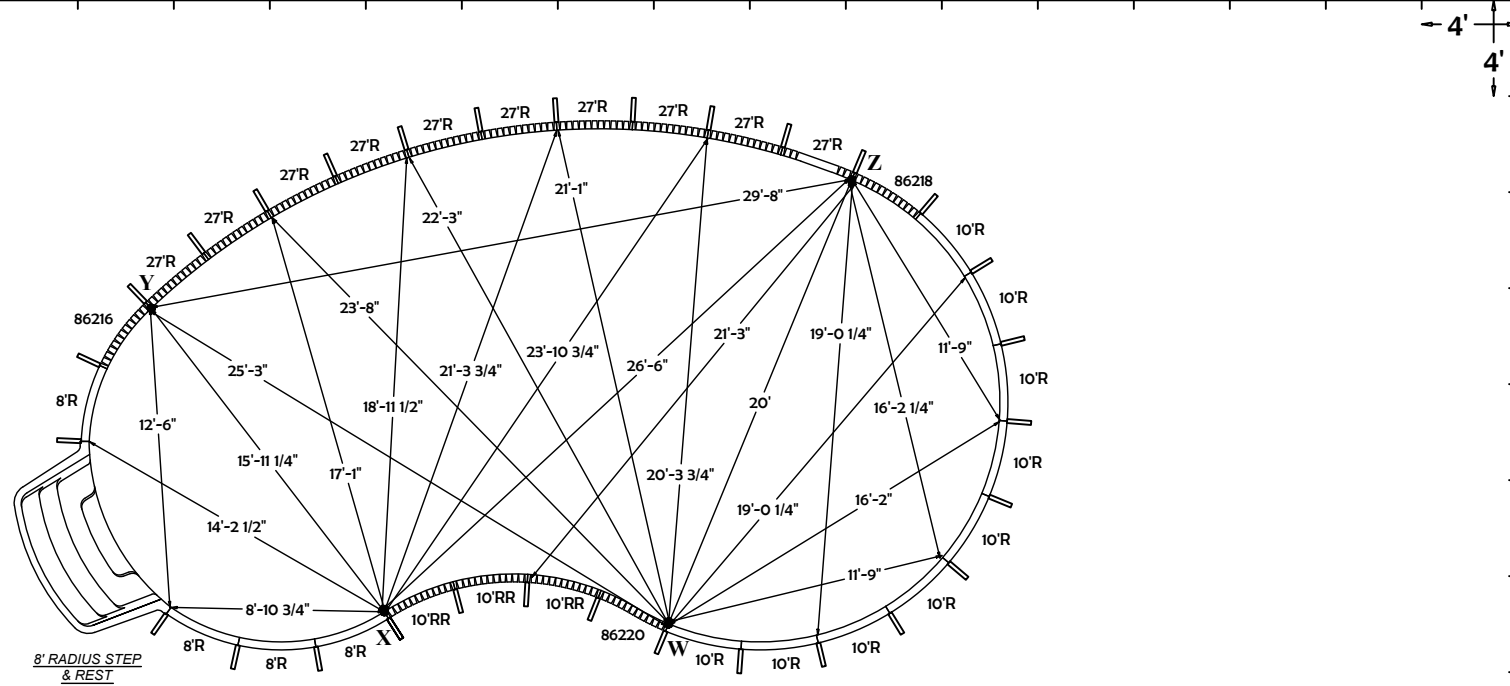
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



20' x 38' Left Kidney w/ Nexus Stair

Perimeter	100'-6" / 30.33 m	page 1 of 2
Surface Area	656.1 SF / 61.0 m ²	
Volume	22000 gal / 83250 L	
Liner Sq. Ft.	770.8333 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	9
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
88934S	8'R to 27'R STRAP SET	1
88935S	27'R to 10'R STRAP SET	1
88936S	10'RR to 8'R STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	32
NSS003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 8' Radius Nexus Stair.

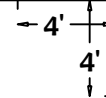
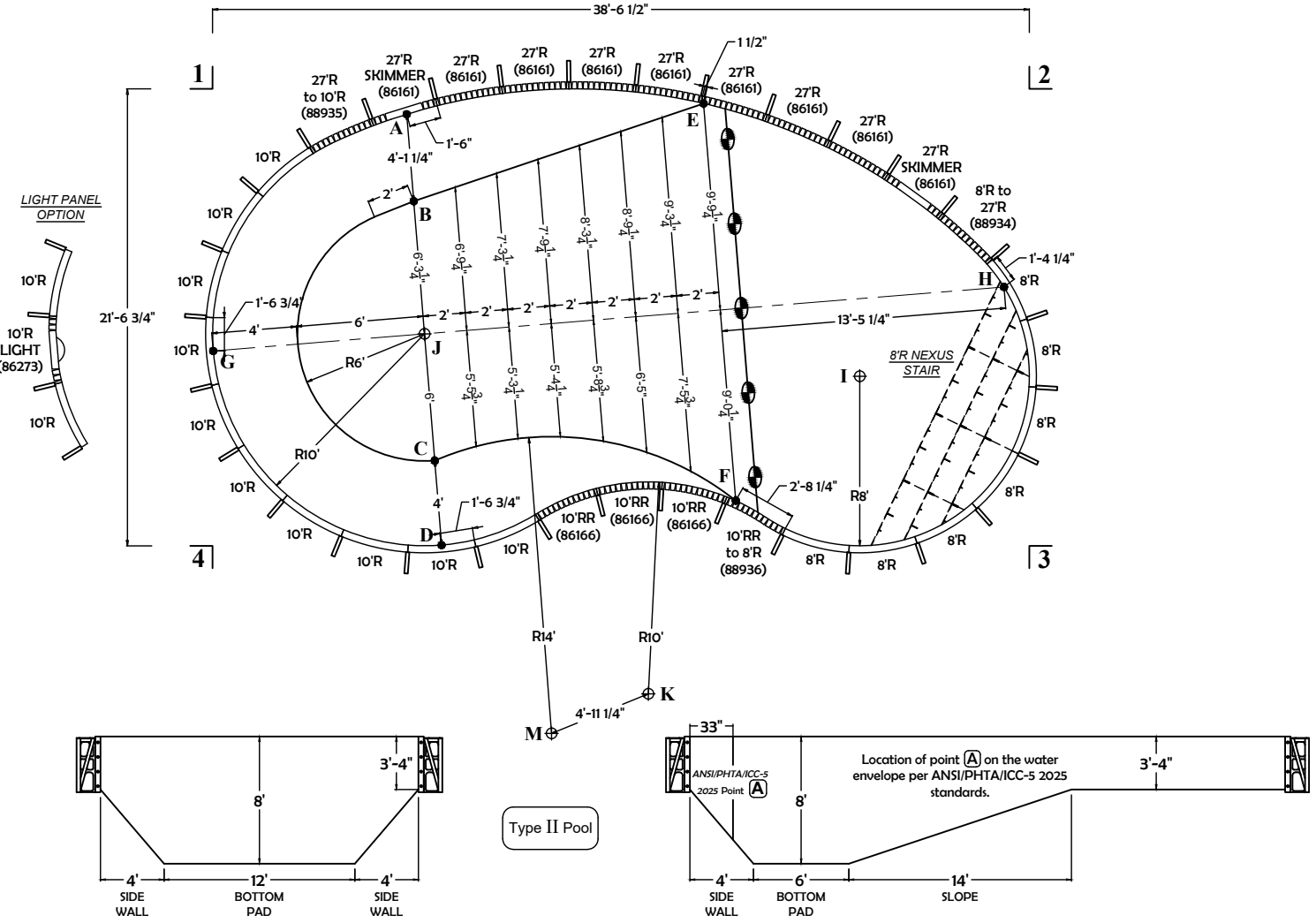
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHIA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHIA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

1-A	9'-2 3/4"	2-A	29'-4 3/4"	3-A	35'-9"	4-A	22'-4"	G-A	14'-5"	H-A	29'-4"
1-B	10'-10 1/2"	2-B	29'-6 1/4"	3-B	33'-3 1/2"	4-B	18'-10"	G-B	11'-9 3/4"	H-B	28'-1 3/4"
1-C	20'-5 1/4"	2-C	33'-1"	3-C	28'-4"	4-C	11'-2 3/4"	G-C	11'-8"	H-C	28'-1"
1-D	24'-1"	2-D	35'-1 1/4"	3-D	27'-8 3/4"	4-D	10'-9 3/4"	G-D	14'-1 3/4"	H-D	29'-2 1/4"
1-E	23'-2"	2-E	15'-4 3/4"	3-E	25'-11"	4-E	31'-2 1/4"	G-E	25'-11"	H-E	16'-7 1/4"
1-F	31'-5"	2-F	23'-10 1/4"	3-F	14'-0 1/4"	4-F	24'-9 1/4"	G-F	25'-7 3/4"	H-F	16'-2 1/4"
1-G	12'-4 1/4"	2-G	40'-5 1/4"	3-G	39'-7"	4-G	9'-2 1/4"	G-H	37'-5 1/4"	H-G	37'-5 1/4"
1-H	38'-6"	2-H	9'-5"	3-H	12'-3 1/4"	4-H	39'-3 1/2"	G-I	30'-6 1/4"	H-I	8'
1-I	33'-5"	2-I	15'-9"	3-I	11'-3 3/4"	4-I	31'-6 3/4"	G-J	10'	H-J	27'-5 1/4"
1-J	15'-3 1/2"	2-J	30'-9 1/2"	3-J	30'-2 3/4"	4-J	14'-1 3/4"	G-K	26'-1 3/4"	H-K	25'-6"
1-K	35'-2"	2-K	33'-8 3/4"	3-K	19'-3 1/2"	4-K	21'-8 1/2"	G-L	22'-6"	H-L	26'-10 1/4"
1-L	31'-11 1/2"	2-L	34'-5 3/4"	3-L	22'-1 1/2"	4-L	17'-11 1/2"	G-M	24'-1"	H-M	29'-11 3/4"
1-M	34'-4 1/4"	2-M	37'-10 1/4"	3-M	24'-2 1/2"	4-M	18'-3 1/4"				
1-W	25'-0 1/4"	2-W	30'-9"	3-W	23'-4 1/4"	4-W	15'-3 3/4"				
1-X	35'-9 1/4"	2-X	23'-8 3/4"	3-X	11'-6 1/2"	4-X	27'-0 1/2"				
1-Y	35'-11 1/4"	2-Y	8'-6"	3-Y	13'-5 1/4"	4-Y	38'-10 1/2"				
1-Z	6'-5"	2-Z	33'-11"	3-Z	38'-6 1/4"	4-Z	19'-1 1/4"				

1-3	44'-2"
2-4	



20' x 38' Left Kidney w/ Nexus Stair

Perimeter	100'-6" / 30.33 m	page 2 of 2	Nexus Stair
Surface Area	656.1 SF / 61.0 m ²		
Volume	22000 gal / 83250 L		
Liner Sq. Ft.	770.8333 SF		

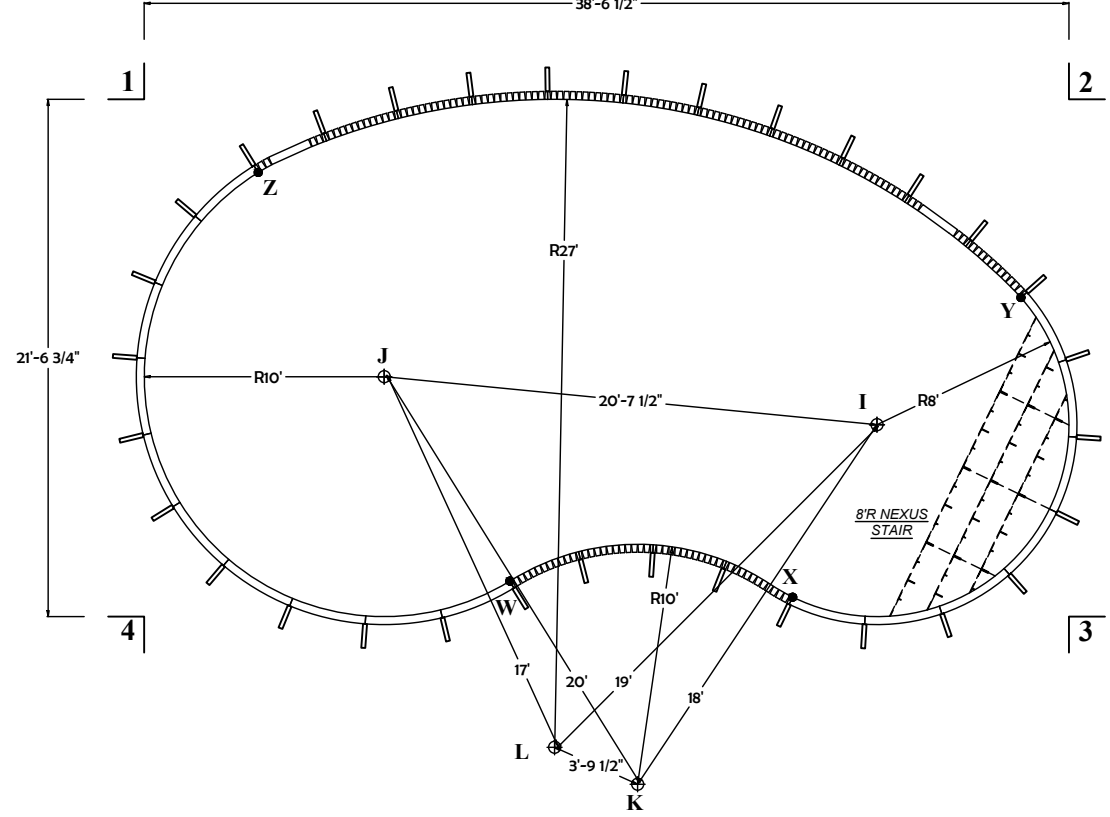
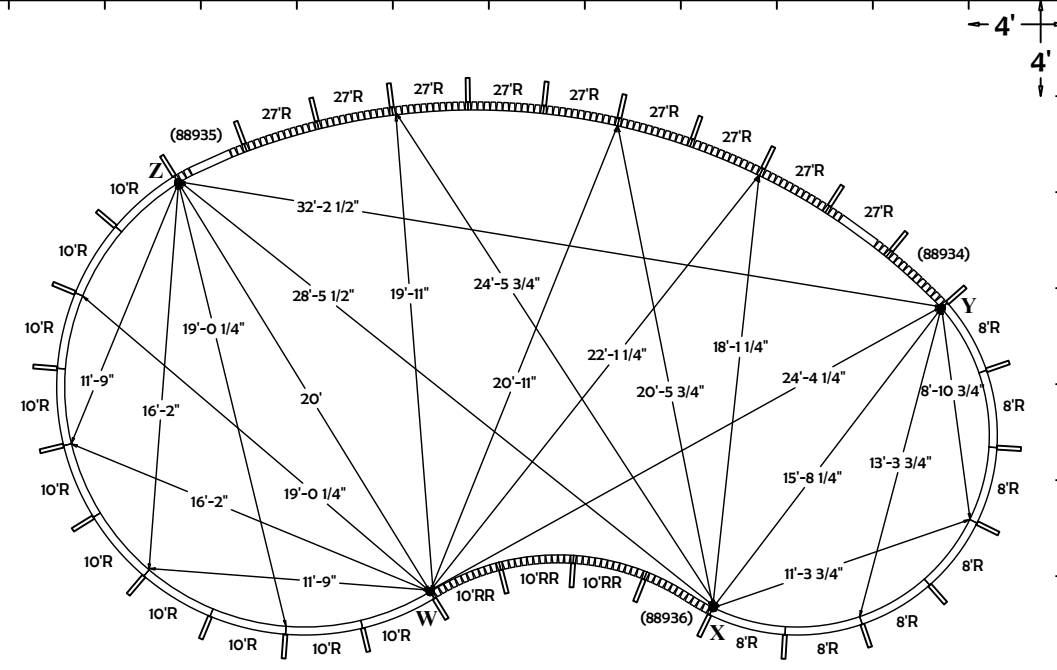
ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	9
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
88934S	8'R to 27'R STRAP SET	1
88935S	27'R to 10'R STRAP SET	1
88936S	10'RR to 8'R STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	32
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, [ANSI/APSP/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS](#), and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the [ANSI/APSP/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS](#).
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the [NEC CODE, NFPA 70](#).
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with [APSP/ANSI/ICC, ISPSC CODE](#)



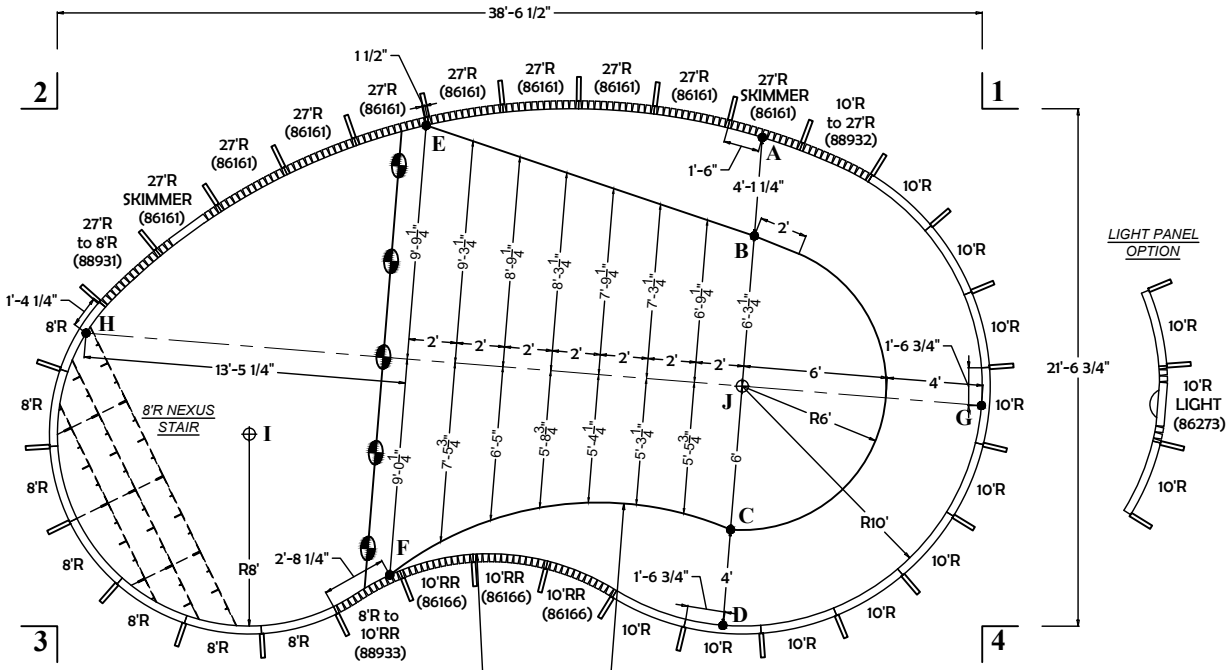
20' x 38' Right Kidney w/ Nexus Stair

Perimeter	100'-6" / 30.33 m	page 1 of 2
Surface Area	656.1 SF / 61.0 m ²	
Volume	22000 gal / 83250 L	
Liner Sq. Ft.	770.8333 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	13
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	9
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
88931S	27R to 8'R STRAP SET	1
88932S	10'R to 27R STRAP SET	1
88933S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	32
N5S003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	9'-2 3/4"	2 - A	29'-4 3/4"	3 - A	35'-9"	4 - A	22'-4"	G - A	14'-5"	H - A	29'-4"
1 - B	10'-10 1/2"	2 - B	29'-6 1/4"	3 - B	33'-3 1/2"	4 - B	18'-10"	G - B	11'-9 3/4"	H - B	28'-1 3/4"
1 - C	20'-5 1/4"	2 - C	33'-1"	3 - C	28'-4"	4 - C	11'-2 3/4"	G - C	11'-8"	H - C	28'-1"
1 - D	24'-1"	2 - D	35'-1 1/4"	3 - D	27'-8 3/4"	4 - D	10'-9 3/4"	G - D	14'-1 3/4"	H - D	29'-2 1/4"
1 - E	23'-2"	2 - E	15'-4 3/4"	3 - E	25'-11"	4 - E	31'-2 1/4"	G - E	25'-11"	H - E	16'-7 1/4"
1 - F	31'-5"	2 - F	23'-10 1/4"	3 - F	14'-0 1/4"	4 - F	24'-9 1/4"	G - F	25'-7 3/4"	H - F	16'-2 1/4"
1 - G	12'-4 1/4"	2 - G	40'-5 1/4"	3 - G	39'-7"	4 - G	9'-2 1/4"	G - G	37'-5 1/4"	H - G	37'-5 1/4"
1 - H	38'-6"	2 - H	9'-5"	3 - H	12'-3 1/4"	4 - H	39'-3 1/2"	G - I	30'-6 1/4"	H - I	8'
1 - I	33'-5"	2 - I	15'-9"	3 - I	11'-3 3/4"	4 - I	31'-6 3/4"	G - J	10'	H - J	27'-5 1/4"
1 - J	15'-3 1/2"	2 - J	30'-9 1/2"	3 - J	30'-2 3/4"	4 - J	14'-1 3/4"	G - K	26'-1 3/4"	H - K	25'-6"
1 - K	35'-2"	2 - K	33'-8 3/4"	3 - K	19'-3 1/2"	4 - K	21'-8 1/2"	G - L	22'-6"	H - L	26'-10 1/4"
1 - L	31'-11 1/2"	2 - L	34'-5 3/4"	3 - L	22'-1 1/2"	4 - L	17'-11 1/2"	G - M	24'-1"	H - M	29'-11 3/4"
1 - M	34'-4 1/4"	2 - M	37'-10 1/4"	3 - M	24'-2 1/2"	4 - M	18'-3 1/4"				
1 - W	25'-0 1/4"	2 - W	30'-9"	3 - W	23'-4 1/4"	4 - W	15'-3 3/4"				
1 - X	35'-9 1/4"	2 - X	23'-8 3/4"	3 - X	11'-6 1/2"	4 - X	27'-0 1/2"				
1 - Y	35'-11 1/4"	2 - Y	8'-6"	3 - Y	13'-5 1/4"	4 - Y	38'-10 1/2"				
1 - Z	6'-5"	2 - Z	33'-11"	3 - Z	38'-6 1/4"	4 - Z	19'-1 1/4"				

1 - 3	44'-2"
2 - 4	

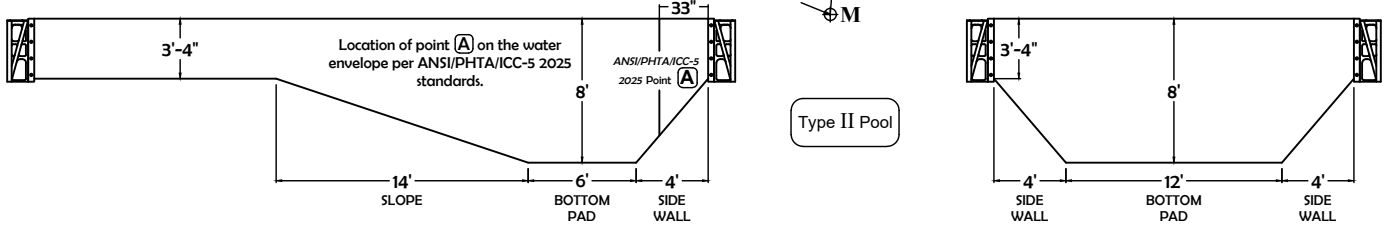


This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



20' x 38' Right Kidney w/ Nexus Stair

Perimeter	100'-6" / 30.33 m
Surface Area	656.1 SF / 61.0 m ²
Volume	22000 gal / 83250 L
Liner Sq. Ft.	770.8333 SF

page
2 of 2

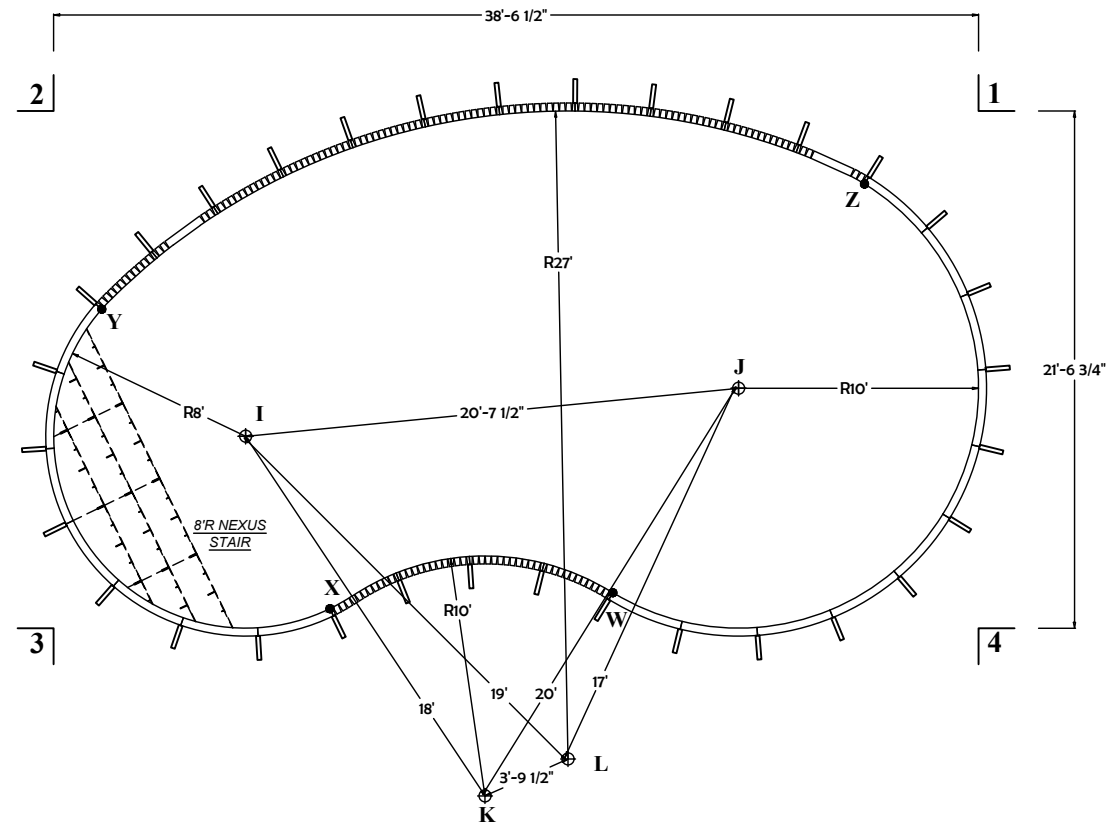
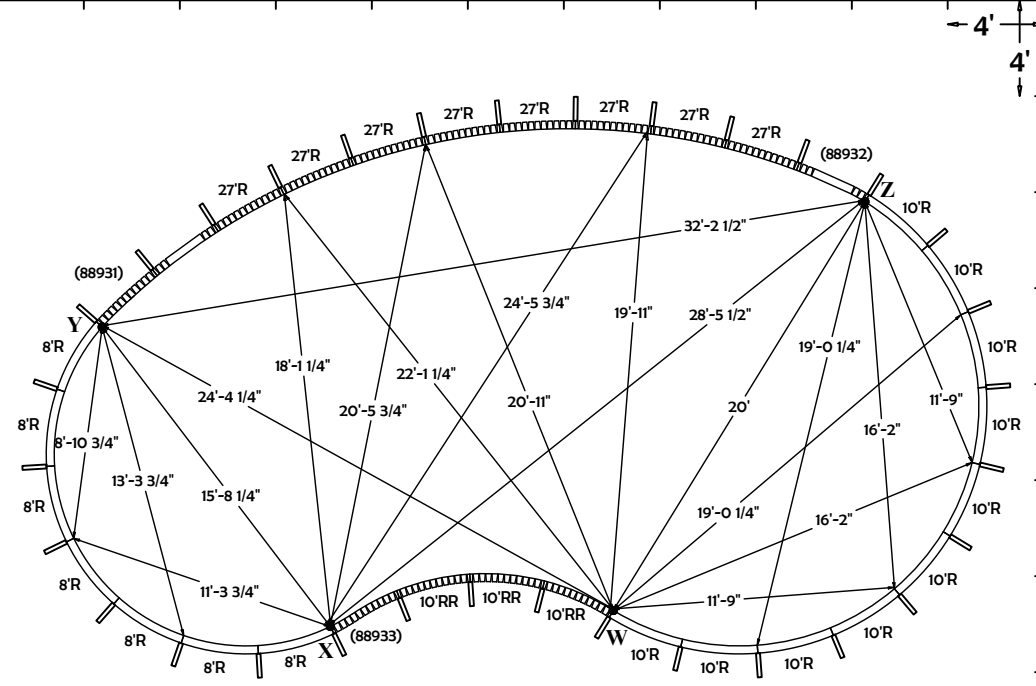
ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	14
86166S	10' REVERSE RADIUS PANEL STRAP	3
86161S	27' RADIUS PANEL STRAP	9
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	
88931S	27R to 8'R STRAP SET	1
88932S	10'R to 27'R STRAP SET	1
88933S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	32
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



20' x 33' Right Mountain Pond

Perimeter	86'-7" / 26.39 m
Surface Area	488.9 SF / 45.40 m ²
Volume	14900 gal / 56400 L
Liner Sq. Ft.	522.00 SF

page
1 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	16
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86164S	6' REVERSE RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	2
86200S	8' RADIUS PANEL STRAP	1
86221S	6'RR to 8'R STRAP SET	1
86222S	8'R to 6'RR STRAP SET	1
86223S	8'R to 8'RR STRAP SET	1
86225S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	26
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

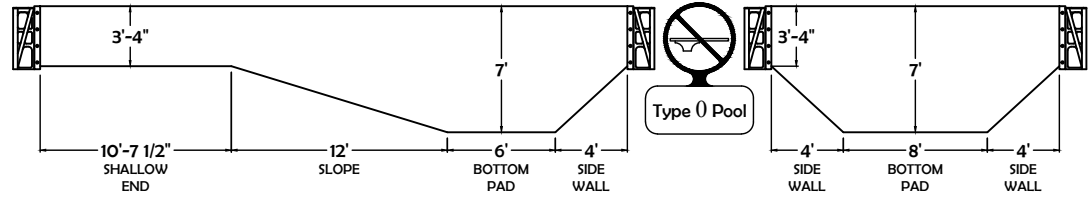
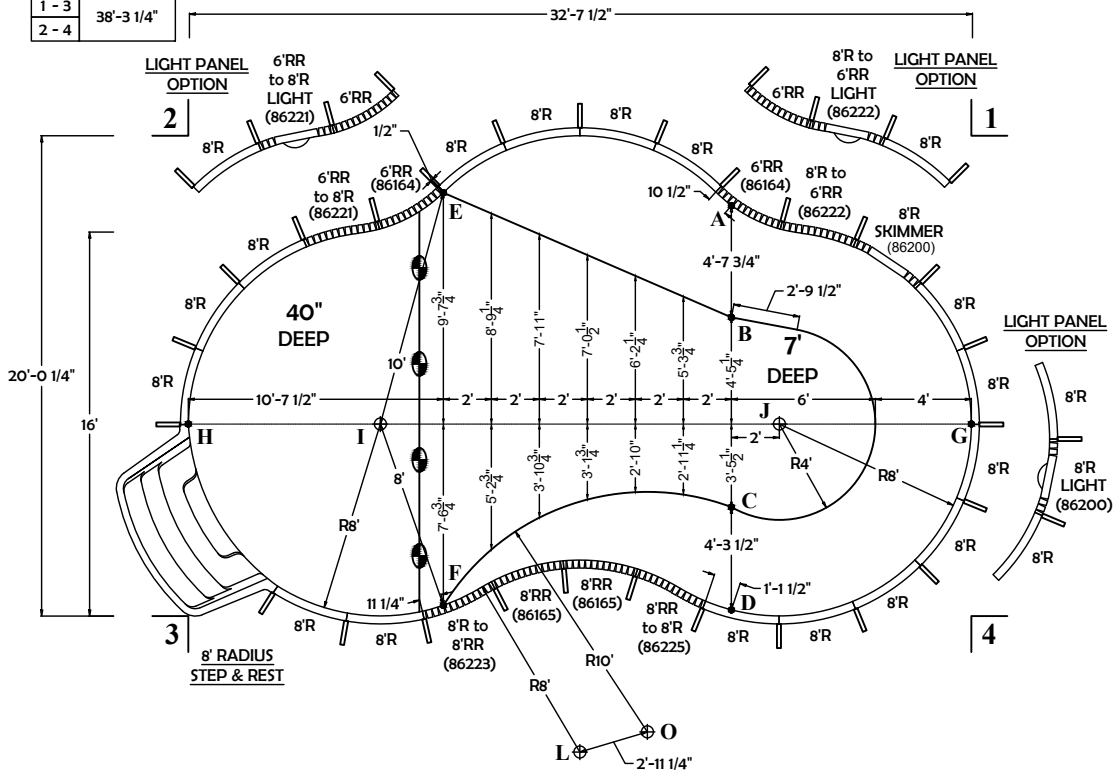
NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C and ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - A	10'-5"	2 - A	22'-9 3/4"	3 - A	28'-4 1/4"	4 - A	19'-9 3/4"	G - A	13'-6 1/4"	H - A	24'-4 3/4"
1 - B	12'-6 1/2"	2 - B	23'-10 1/4"	3 - B	25'-10"	4 - B	15'-11 1/2"	G - B	10'-11 1/4"	H - B	23'-0 3/4"
1 - C	18'-5"	2 - C	27'-5"	3 - C	23'-1"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	22'-10 3/4"
1 - D	22'-1 3/4"	2 - D	30'-0 1/2"	3 - D	22'-7 1/2"	4 - D	10'	G - D	12'-7 3/4"	H - D	23'-11"
1 - E	22'-1 1/2"	2 - E	10'-10 3/4"	3 - E	20'-7 1/4"	4 - E	28'-2 1/2"	G - E	24'-0 1/4"	H - E	14'-4 1/4"
1 - F	29'-5 1/4"	2 - F	29'-5 1/4"	3 - F	10'-7 3/4"	4 - F	22'	G - F	23'-3 1/4"	H - F	13'-0 1/2"
1 - G	12'-0 1/4"	2 - G	34'-9 1/4"	3 - G	33'-7 1/4"	4 - G	8'	G - H	32'-7 1/2"	H - G	32'-7 1/2"
1 - H	34'-9 1/4"	2 - H	12'-0 1/4"	3 - H	8'	4 - H	33'-7 1/4"	G - I	24'-7 1/2"	H - I	8'
1 - I	27'-4 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	25'-10 3/4"	G - J	8'	H - J	24'-7 1/2"
1 - J	14'-5 1/4"	2 - J	27'-4 3/4"	3 - J	25'-10 3/4"	4 - J	11'-3 3/4"	G - K	16'-9 1/2"	H - K	16'-9 1/2"
1 - K	18'-2"	2 - K	18'-2"	3 - K	20'-3"	4 - K	20'-3"	G - L	21'-3 1/2"	H - L	21'-3 1/2"
1 - L	30'-5"	2 - L	30'-5"	3 - L	17'-3 1/4"	4 - L	17'-3 1/4"	G - M	29'-8"	H - M	15'-3 3/4"
1 - M	26'-3 1/2"	2 - M	6'-8 1/4"	3 - M	22'-10"	4 - M	34'-2"	G - N	15'-3 3/4"	H - N	29'-8"
1 - N	6'-8 1/4"	2 - N	26'-3 1/2"	3 - N	34'-2"	4 - N	22'-10"	G - O	18'-7 1/2"	H - O	23'-0 1/4"
1 - O	28'-3 1/4"	2 - O	31'-4 1/4"	3 - O	19'-8 3/4"	4 - O	14'-4"				

1 - 3	38'-3 1/4"
2 - 4	



4'
4'

20' x 33' Right Mountain Pond

Perimeter	86'-7" / 26.39 m
Surface Area	488.9 SF / 45.40 m ²
Volume	14900 gal / 56400 L
Liner Sq. Ft.	522.00 SF

page
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8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	16
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86164S	6' REVERSE RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	2
86200S	8' RADIUS PANEL STRAP	1
86221S	6'RR to 8'R STRAP SET	1
86222S	8'R to 6'RR STRAP SET	1
86223S	8'R to 8'RR STRAP SET	1
86225S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	26
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

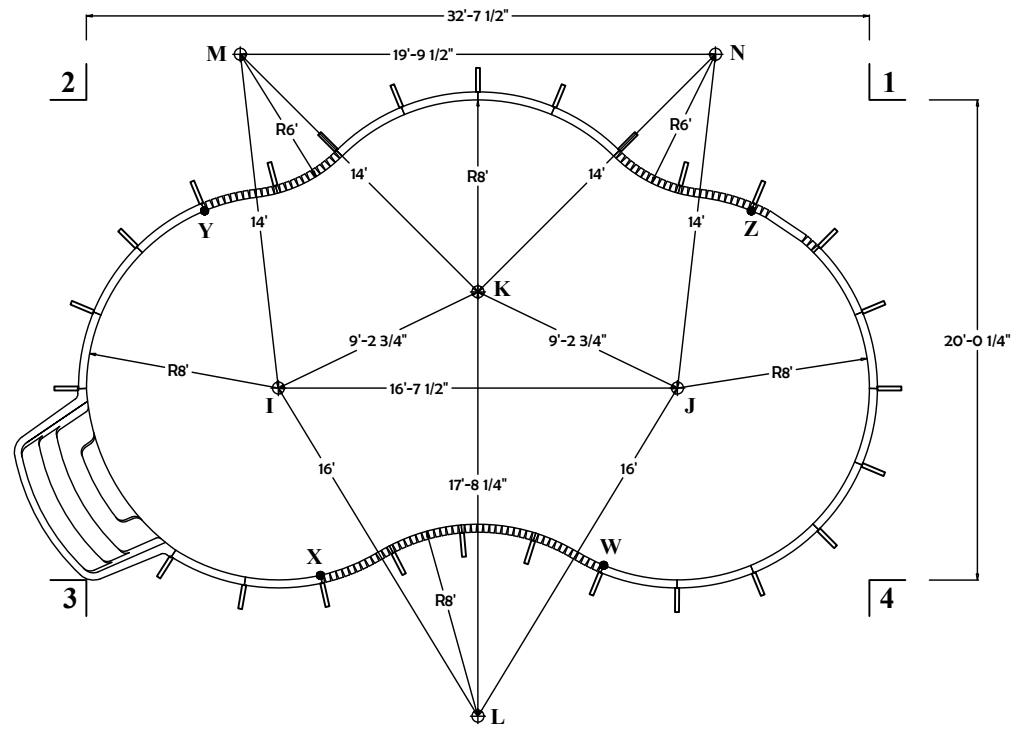
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

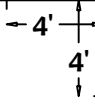
NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - I	27'-4 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	25'-10 3/4"	1 - 3	38'-3 1/4"
1 - J	14'-5 1/4"	2 - J	27'-4 3/4"	3 - J	25'-10 3/4"	4 - J	11'-3 3/4"		
1 - K	18'-2"	2 - K	18'-2"	3 - K	20'-3"	4 - K	20'-3"		
1 - L	30'-5"	2 - L	30'-5"	3 - L	17'-3 1/4"	4 - L	17'-3 1/4"		
1 - M	26'-3 1/2"	2 - M	6'-8 1/4"	3 - M	22'-10"	4 - M	34'-2"		
1 - N	6'-8 1/4"	2 - N	26'-3 1/2"	3 - N	34'-2"	4 - N	22'-10"		
1 - W	22'-4"	2 - W	29'	3 - W	21'-6 3/4"	4 - W	11'-1"		
1 - X	30'-3 1/4"	2 - X	22'-1"	3 - X	9'-9"	4 - X	22'-10 1/2"		
1 - Y	28'-1"	2 - Y	6'-9"	3 - Y	16'-1 3/4"	4 - Y	31'-8 1/4"		
1 - Z	6'-9"	2 - Z	28'-1"	3 - Z	31'-8 1/4"	4 - Z	16'-1 3/4"		





20' x 33' Right Mountain Pond

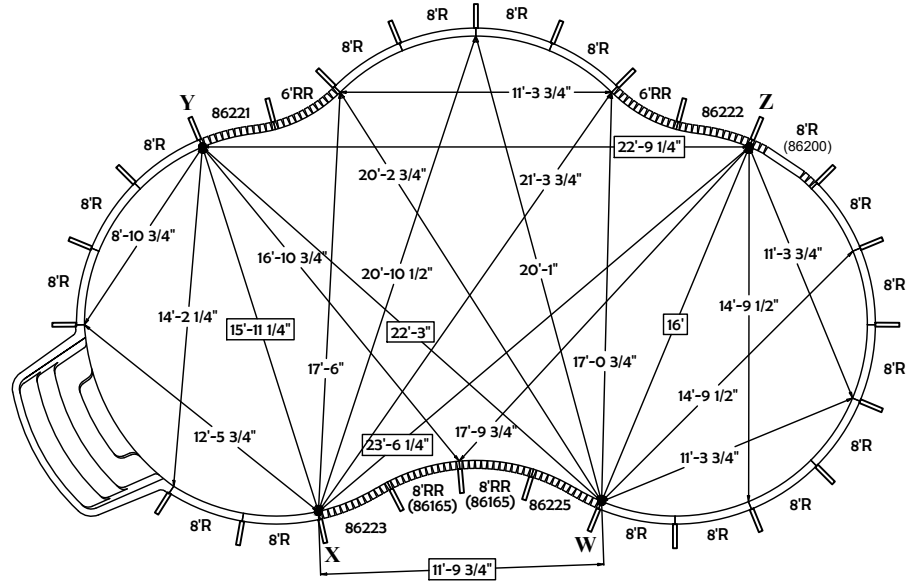
Perimeter	86'-7" / 26.39 m
Surface Area	488.9 SF / 45.40 m ²
Volume	14900 gal / 56400 L
Liner Sq. Ft.	522.00 SF

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ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	16
421165	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
861645	6' REVERSE RADIUS PANEL STRAP	2
861655	8' REVERSE RADIUS PANEL STRAP	2
862005	8' RADIUS PANEL STRAP	1
862215	6'RR to 8'R STRAP SET	1
862225	8'R to 6'RR STRAP SET	1
862235	8'R to 8'RR STRAP SET	1
862255	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	26
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.



NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

20' x 33' Left Mountain Pond

Perimeter	86'-7" / 26.39 m	page 1 of 3
Surface Area	488.9 SF / 45.40 m ²	
Volume	14900 gal / 56400 L	
Liner Sq. Ft.	522.00 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	16
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86164S	6' REVERSE RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	2
86200S	8' RADIUS PANEL STRAP	1
86221S	6'RR to 8'R STRAP SET	1
86222S	8'R to 6'RR STRAP SET	1
86224S	8'RR to 8'R STRAP SET	1
86226S	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	26
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

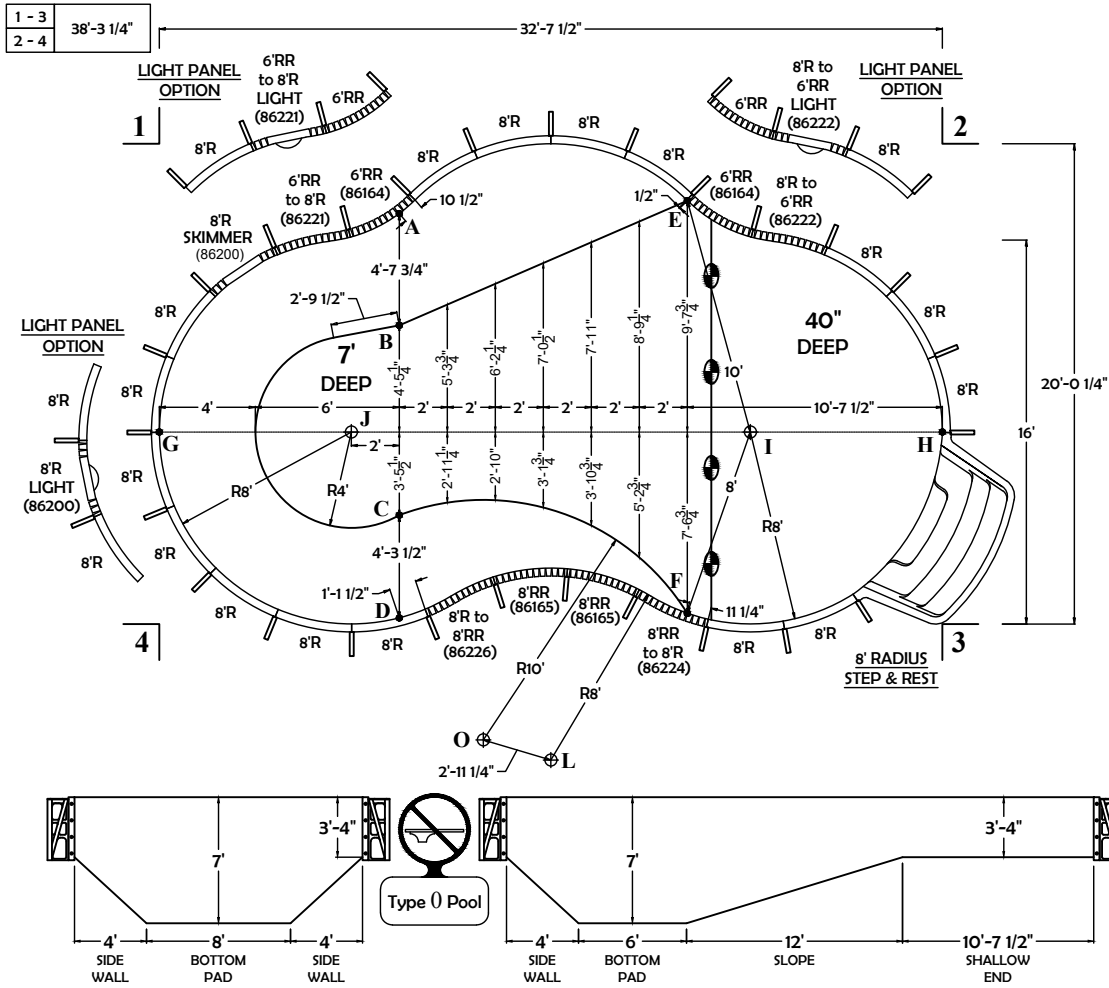
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
 The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

1 - A	10'-5"	2 - A	22'-9 3/4"	3 - A	28'-4 1/4"	4 - A	19'-9 3/4"	G - A	13'-6 1/4"	H - A	24'-4 3/4"
1 - B	12'-6 1/2"	2 - B	23'-10 1/4"	3 - B	25'-10"	4 - B	15'-11 1/2"	G - B	10'-11 1/4"	H - B	23'-0 3/4"
1 - C	18'-5"	2 - C	27'-5"	3 - C	23'-1"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	22'-10 3/4"
1 - D	22'-1 3/4"	2 - D	30'-0 1/2"	3 - D	22'-7 1/2"	4 - D	10'	G - D	12'-7 3/4"	H - D	23'-11"
1 - E	22'-1 1/2"	2 - E	10'-10 3/4"	3 - E	20'-7 1/4"	4 - E	28'-2 1/2"	G - E	24'-0 1/4"	H - E	14'-4 1/4"
1 - F	29'-5 1/4"	2 - F	22'-3 1/4"	3 - F	10'-7 3/4"	4 - F	22'	G - F	23'-3 1/4"	H - F	13'-0 1/2"
1 - G	12'-0 1/4"	2 - G	34'-9 1/4"	3 - G	33'-7 1/4"	4 - G	8'	G - H	32'-7 1/2"	H - G	32'-7 1/2"
1 - H	34'-9 1/4"	2 - H	12'-0 1/4"	3 - H	8'	4 - H	33'-7 1/4"	G - I	24'-7 1/2"	H - I	8'
1 - I	27'-4 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	25'-10 3/4"	G - J	8'	H - J	24'-7 1/2"
1 - J	14'-5 1/4"	2 - J	27'-4 3/4"	3 - J	25'-10 3/4"	4 - J	11'-3 3/4"	G - K	16'-9 1/2"	H - K	16'-9 1/2"
1 - K	18'-2"	2 - K	18'-2"	3 - K	20'-3"	4 - K	20'-3"	G - L	21'-3 1/2"	H - L	21'-3 1/2"
1 - L	30'-5"	2 - L	30'-5"	3 - L	17'-3 1/4"	4 - L	17'-3 1/4"	G - M	29'-8"	H - M	15'-3 3/4"
1 - M	26'-3 1/2"	2 - M	6'-8 1/4"	3 - M	22'-10"	4 - M	34'-2"	G - N	15'-3 3/4"	H - N	29'-8"
1 - N	6'-8 1/4"	2 - N	26'-3 1/2"	3 - N	34'-2"	4 - N	22'-10"	G - O	18'-7 1/2"	H - O	23'-0 1/4"
1 - O	28'-3 1/4"	2 - O	31'-4 1/4"	3 - O	19'-8 3/4"	4 - O	14'-4"				



20' x 33' Left Mountain Pond

Perimeter	86'-7" / 26.39 m
Surface Area	488.9 SF / 45.40 m ²
Volume	14900 gal / 56400 L
Liner Sq. Ft.	522.00 SF

page
2 of 3

8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	16
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86164S	6' REVERSE RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	2
86200S	8' RADIUS PANEL STRAP	1
86221S	6'RR to 8'R STRAP SET	1
86222S	8'R to 6'RR STRAP SET	1
86224S	8'RR to 8'R STRAP SET	1
86226S	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	26
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

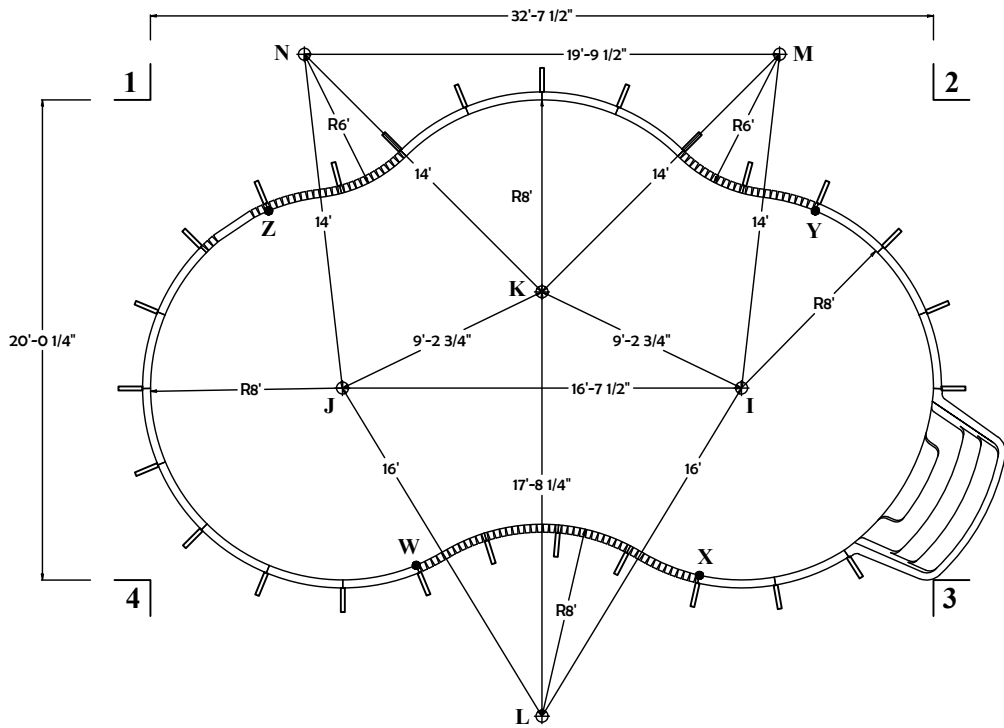
NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - I	27'-4 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	25'-10 3/4"	1 - 3	38'-3 1/4"
1 - J	14'-5 1/4"	2 - J	27'-4 3/4"	3 - J	25'-10 3/4"	4 - J	11'-3 3/4"		
1 - K	18'-2"	2 - K	18'-2"	3 - K	20'-3"	4 - K	20'-3"		
1 - L	30'-5"	2 - L	30'-5"	3 - L	17'-3 1/4"	4 - L	17'-3 1/4"		
1 - M	26'-3 1/2"	2 - M	6'-8 1/4"	3 - M	22'-10"	4 - M	34'-2"		
1 - N	6'-8 1/4"	2 - N	26'-3 1/2"	3 - N	34'-2"	4 - N	22'-10"		
1 - W	22'-4"	2 - W	29'	3 - W	21'-6 3/4"	4 - W	11'-1"		
1 - X	30'-3 1/4"	2 - X	22'-1"	3 - X	9'-9"	4 - X	22'-10 1/2"		
1 - Y	28'-1"	2 - Y	6'-9"	3 - Y	16'-1 3/4"	4 - Y	31'-8 1/4"		
1 - Z	6'-9"	2 - Z	28'-1"	3 - Z	31'-8 1/4"	4 - Z	16'-1 3/4"		



4'
4'

20' x 33' Left Mountain Pond

Perimeter	86'-7" / 26.39 m
Surface Area	488.9 SF / 45.40 m ²
Volume	14900 gal / 56400 L
Liner Sq. Ft.	522.00 SF

page
3 of 3

8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	16
421165	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	9
861645	6' REVERSE RADIUS PANEL STRAP	2
861655	8' REVERSE RADIUS PANEL STRAP	2
862005	8' RADIUS PANEL STRAP	1
862215	6'RR to 8'R STRAP SET	1
862225	8'R to 6'RR STRAP SET	1
862245	8'RR to 8'R STRAP SET	1
862265	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	26
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

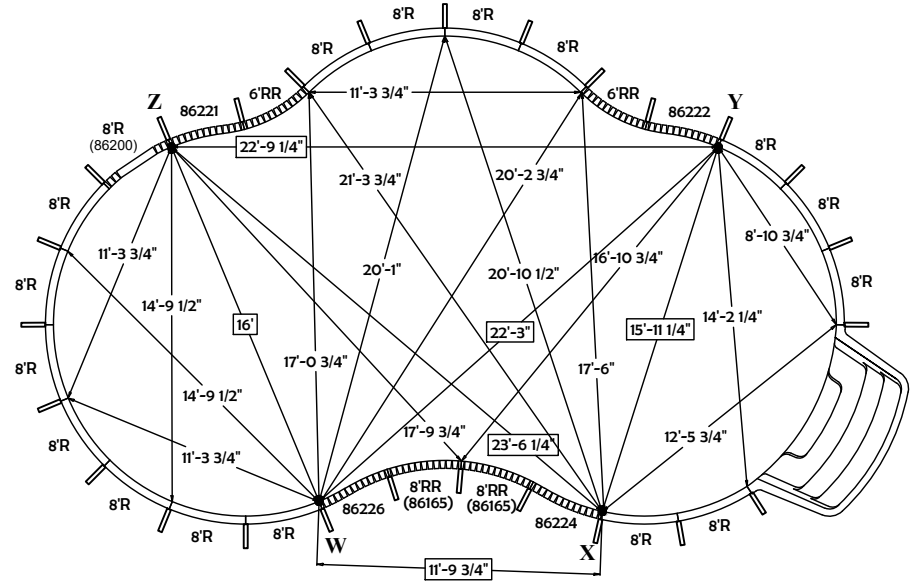
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

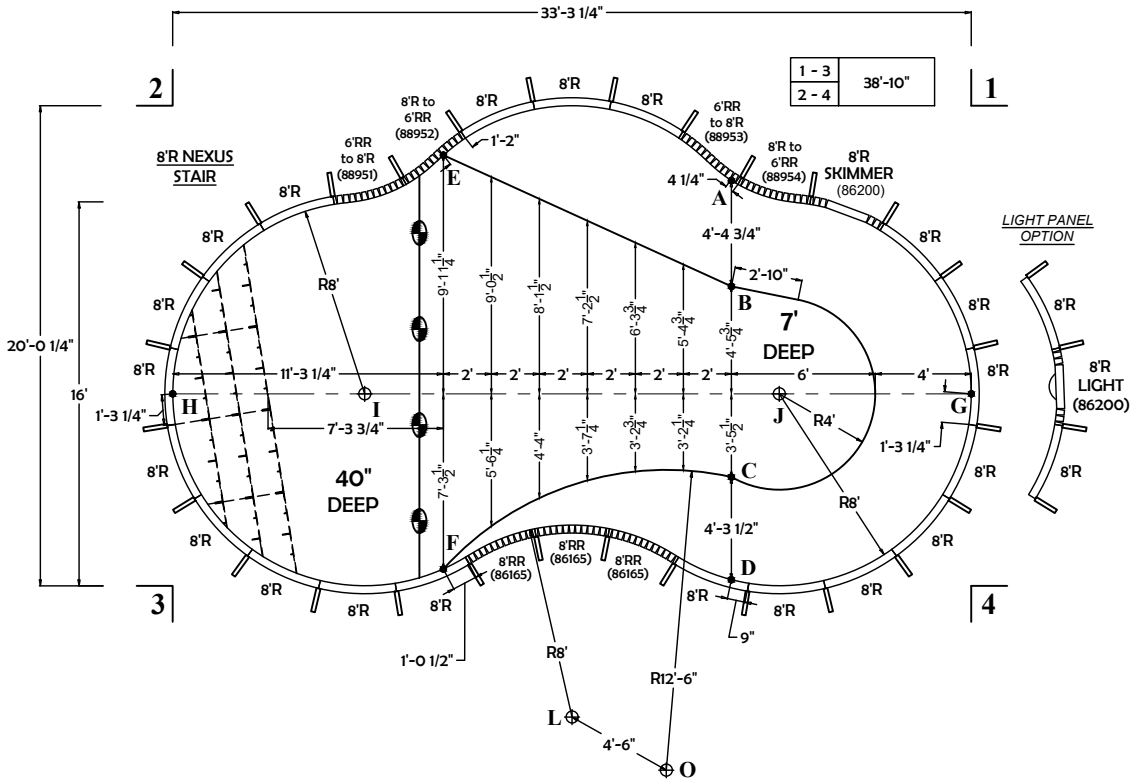


20' x 33' Right Mountain Pond w/ Nexus Stair

Perimeter	87'-11" / 26.80 m	page 1 of 3
Surface Area	469.9 SF / 46.2 m ²	
Volume	15300 gal / 57950 L	
Liner Sq. Ft.	532.3333 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	7
86200S	8' RADIUS PANEL STRAP	1
86165S	8' REVERSE RADIUS PANEL STRAP	3
88951S	6'RR to 8'R STRAP SET	1
88952S	8'R to 6'RR STRAP SET	1
88953S	6'RR to 8'R STRAP SET	1
88954S	8'R to 6'RR STRAP SET	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	28
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

1 - A	23'-5 3/4"	2 - A	10'-5 3/4"	3 - A	28'-9"	4 - A	19'-7 1/2"	G - A	13'-4 1/2"	H - A	24'-11"
1 - B	24'-5 1/2"	2 - B	12'-6 1/4"	3 - B	26'-5"	4 - B	16'	G - B	10'-11 1/2"	H - B	23'-8 1/2"
1 - C	27'-11 1/2"	2 - C	18'-5"	3 - C	23'-8 1/2"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	23'-6 1/2"
1 - D	30'-6 1/4"	2 - D	22'-1 3/4"	3 - D	23'-3 1/4"	4 - D	10'	G - D	12'-7 3/4"	H - D	24'-6 1/4"
1 - E	11'-5 1/2"	2 - E	22'-1 1/4"	3 - E	21'-2 1/4"	4 - E	28'-4 3/4"	G - E	24'-1 3/4"	H - E	15'-0 1/2"
1 - F	22'-4 1/4"	2 - F	29'-3 1/4"	3 - F	11'-3 1/2"	4 - F	22'-0 1/4"	G - F	23'-2 1/4"	H - F	13'-5 1/4"
1 - G	35'-4 1/2"	2 - G	12'-0 1/4"	3 - G	34'-2 3/4"	4 - G	8'	G - H	33'-3 1/4"	H - G	33'-3 1/4"
1 - H	12'-0 1/4"	2 - H	35'-4 1/2"	3 - H	8'	4 - H	34'-2 3/4"	H - I	25'-3 1/4"	H - I	8'
1 - I	27'-11 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	26'-6 1/4"	H - J	8'	H - J	25'-3 1/4"
1 - J	14'-5 1/4"	2 - J	27'-11 3/4"	3 - J	26'-6 1/4"	4 - J	11'-3 3/4"	H - K	17'-1 1/4"	H - K	17'-1 1/4"
1 - K	18'-5 1/2"	2 - K	18'-5 1/2"	3 - K	20'-6 1/4"	4 - K	20'-6 1/4"	H - L	21'-4 3/4"	H - L	21'-4 3/4"
1 - L	30'-5 1/4"	2 - L	30'-5 1/4"	3 - L	17'-6 1/4"	4 - L	17'-6 1/4"	H - M	29'-11 1/4"	H - M	15'-6"
1 - M	26'-6 3/4"	2 - M	7'-0 1/2"	3 - M	22'-11 1/2"	4 - M	34'-5"	H - N	15'-6"	H - N	29'-11 1/4"
1 - N	7'-0 1/2"	2 - N	26'-6 3/4"	3 - N	34'-5"	4 - N	22'-11 1/2"	G - O	20'-2 1/4"	H - O	25'-10 1/4"
1 - O	34'-5 3/4"	2 - O	30'-5 1/2"	3 - O	21'-11 1/2"	4 - O	14'-10 1/4"				



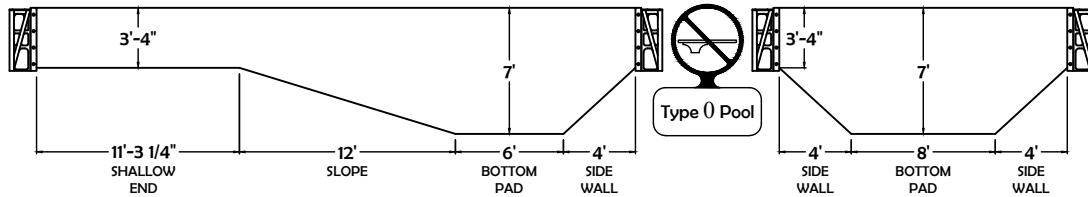
This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



20' x 33' Right Mountain Pond w/ Nexus Stair

Perimeter	87'-11" / 26.80 m
Surface Area	469.9 SF / 46.2 m ²
Volume	15300 gal / 57950 L
Liner Sq. Ft.	532.3333 SF

page
2 of 3

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	20
421165	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	7
862005	8' RADIUS PANEL STRAP	1
861655	8' REVERSE RADIUS PANEL STRAP	3
889515	6'RR to 8'R STRAP SET	1
889525	8'R to 6'RR STRAP SET	1
889535	6'RR to 8'R STRAP SET	1
889545	8'R to 6'RR STRAP SET	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	28
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

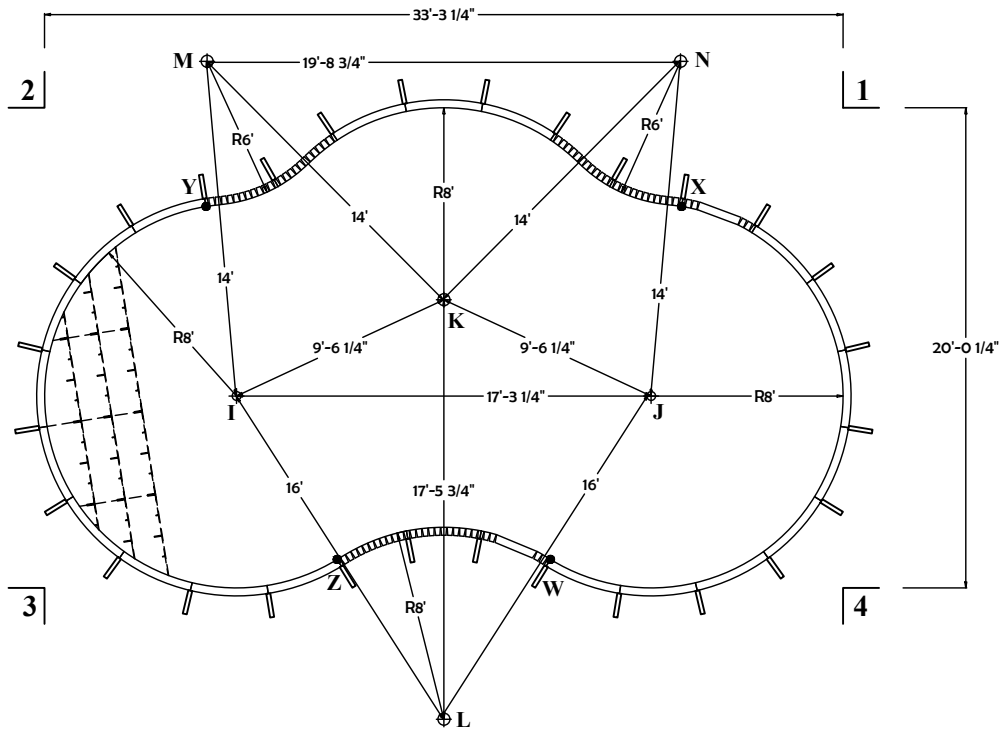
1 - I	27'-11 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	26'-6 1/4"	1 - 3	38'-10"
1 - J	14'-5 1/4"	2 - J	27'-11 3/4"	3 - J	26'-6 1/4"	4 - J	11'-3 3/4"		
1 - K	18'-5 1/2"	2 - K	18'-5 1/2"	3 - K	20'-6 1/4"	4 - K	20'-6 1/4"		
1 - L	30'-5 1/4"	2 - L	30'-5 1/4"	3 - L	17'-6 1/4"	4 - L	17'-6 1/4"		
1 - M	26'-6 3/4"	2 - M	7'-0 1/2"	3 - M	22'-11 1/2"	4 - M	34'-5"		
1 - N	7'-0 1/2"	2 - N	26'-6 3/4"	3 - N	34'-5"	4 - N	22'-11 1/2"		
1 - W	22'-5 1/4"	2 - W	28'-3"	3 - W	21'-1 1/4"	4 - W	12'-3"		
1 - X	7'-10 3/4"	2 - X	26'-10 1/4"	3 - X	30'-11 1/4"	4 - X	17'-3 1/4"		
1 - Y	26'-10 1/4"	2 - Y	7'-10 3/4"	3 - Y	17'-3 1/4"	4 - Y	30'-11 1/4"		
1 - Z	28'-3"	2 - Z	22'-5 1/4"	3 - Z	12'-3"	4 - Z	21'-1 1/4"		

This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



4'
4'

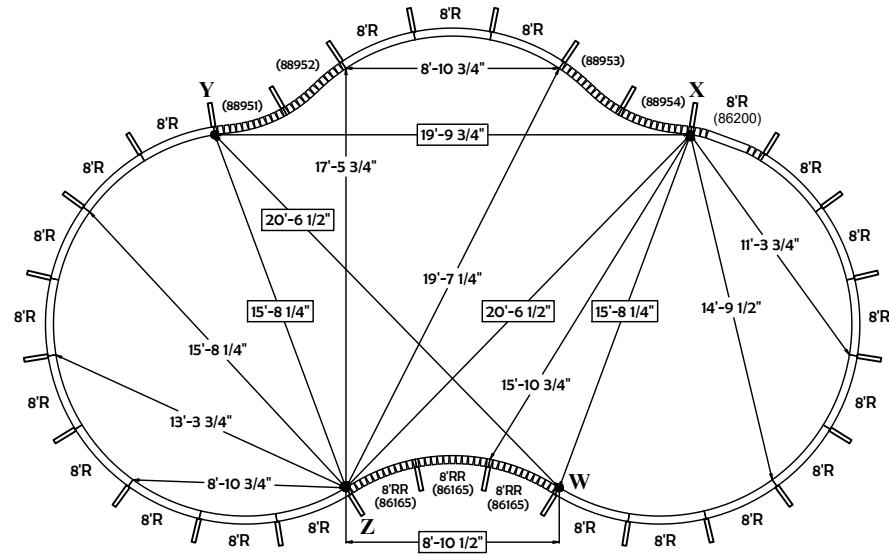
20' x 33' Right Mountain Pond w/ Nexus Stair

Perimeter	87'-11" / 26.80 m
Surface Area	469.9 SF / 46.2 m ²
Volume	15300 gal / 57950 L
Liner Sq. Ft.	532.3333 SF

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3 of 3

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	7
86200S	8' RADIUS PANEL STRAP	1
86165S	8' REVERSE RADIUS PANEL STRAP	3
88951S	6'RR to 8'R STRAP SET	1
88952S	8'R to 6'RR STRAP SET	1
88953S	6'RR to 8'R STRAP SET	1
88954S	8'R to 6'RR STRAP SET	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	28
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

20' x 33' Left Mountain Pond w/ Nexus Stair

Perimeter	87'-11" / 26.80 m	page 1 of 3
Surface Area	469.9 SF / 46.2 m ²	
Volume	15300 gal / 57950 L	
Liner Sq. Ft.	532.3333 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	7
86200S	8' RADIUS PANEL STRAP	1
86165S	8' REVERSE RADIUS PANEL STRAP	3
88951S	6'RR to 8'R STRAP SET	1
88952S	8'R to 6'RR STRAP SET	1
88953S	6'RR to 8'R STRAP SET	1
88954S	8'R to 6'RR STRAP SET	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	28
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

1 - A	23'-5 3/4"	2 - A	10'-5 3/4"	3 - A	28'-9"	4 - A	19'-7 1/2"	G - A	13'-4 1/2"	H - A	24'-11"
1 - B	24'-5 1/2"	2 - B	12'-6 1/4"	3 - B	26'-5"	4 - B	16'	G - B	10'-11 1/2"	H - B	23'-8 1/2"
1 - C	27'-11 1/2"	2 - C	18'-5"	3 - C	23'-8 1/2"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	23'-6 1/2"
1 - D	30'-6 1/4"	2 - D	22'-1 3/4"	3 - D	23'-3 1/4"	4 - D	10'	G - D	12'-7 3/4"	H - D	24'-6 1/4"
1 - E	11'-5 1/2"	2 - E	22'-1 1/4"	3 - E	21'-2 1/4"	4 - E	28'-4 3/4"	G - E	24'-1 3/4"	H - E	15'-0 1/2"
1 - F	22'-4 1/4"	2 - F	29'-3 1/4"	3 - F	11'-3 1/2"	4 - F	22'-0 1/4"	G - F	23'-2 1/4"	H - F	13'-5 1/4"
1 - G	35'-4 1/2"	2 - G	12'-0 1/4"	3 - G	34'-2 3/4"	4 - G	8'	G - H	33'-3 1/4"	H - G	33'-3 1/4"
1 - H	12'-0 1/4"	2 - H	35'-4 1/2"	3 - H	8'	4 - H	34'-2 3/4"	H - I	25'-3 1/4"	H - I	8'
1 - I	27'-11 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	26'-6 1/4"	H - J	8'	H - J	25'-3 1/4"
1 - J	14'-5 1/4"	2 - J	27'-11 3/4"	3 - J	26'-6 1/4"	4 - J	11'-3 3/4"	H - K	17'-1 1/4"	H - K	17'-1 1/4"
1 - K	18'-5 1/2"	2 - K	18'-5 1/2"	3 - K	20'-6 1/4"	4 - K	20'-6 1/4"	H - L	21'-4 3/4"	H - L	21'-4 3/4"
1 - L	30'-5 1/4"	2 - L	30'-5 1/4"	3 - L	17'-6 1/4"	4 - L	17'-6 1/4"	H - M	29'-11 1/4"	H - M	15'-6"
1 - M	26'-6 3/4"	2 - M	7'-0 1/2"	3 - M	22'-11 1/2"	4 - M	34'-5"	H - N	15'-6"	H - N	29'-11 1/4"
1 - N	7'-0 1/2"	2 - N	26'-6 3/4"	3 - N	34'-5"	4 - N	22'-11 1/2"	G - O	20'-2 1/4"	H - O	25'-10 1/4"
1 - O	34'-5 3/4"	2 - O	30'-5 1/2"	3 - O	21'-11 1/2"	4 - O	14'-10 1/4"				

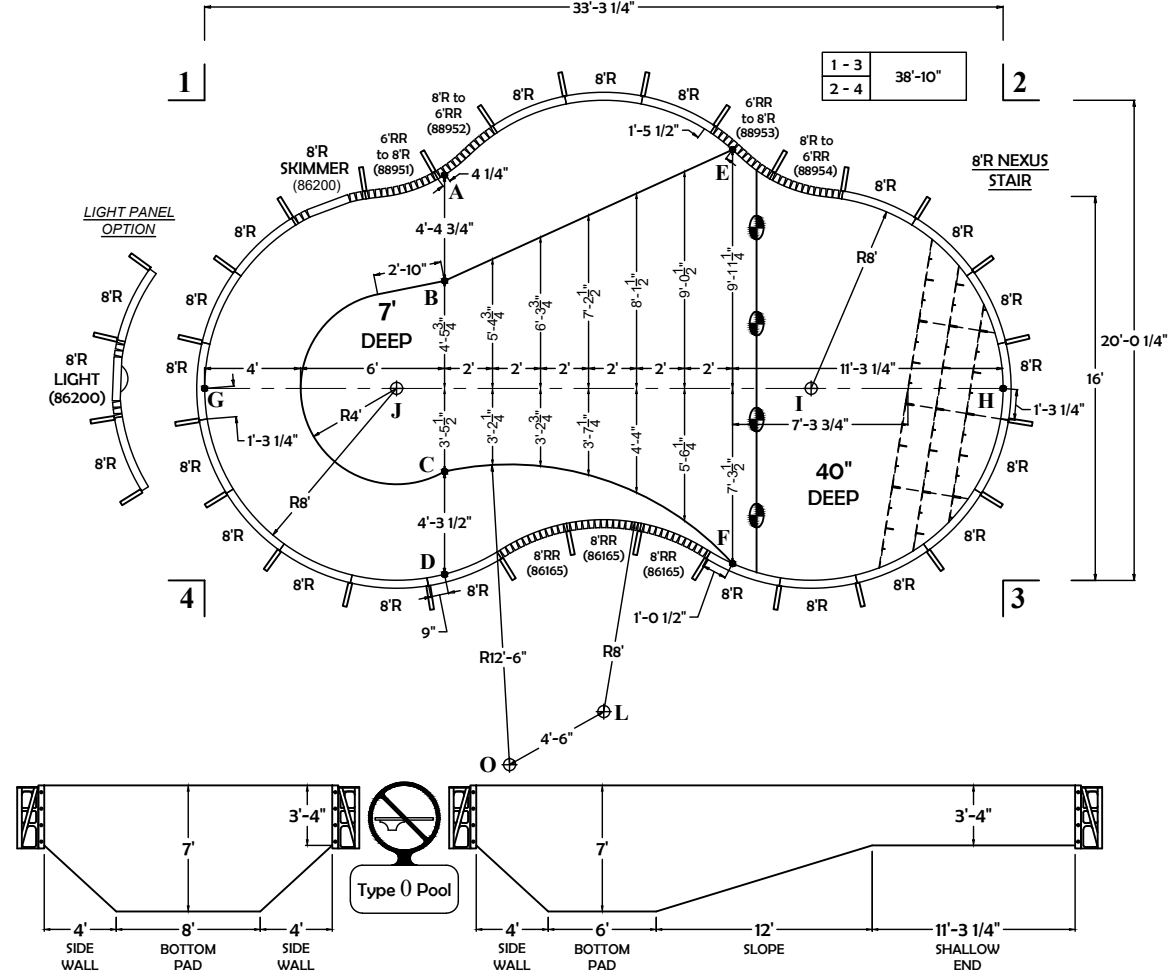
This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



Type 0 Pool

4'
4'

20' x 33' Left Mountain Pond w/ Nexus Stair

Perimeter	87'-11" / 26.80 m
Surface Area	469.9 SF / 46.2 m ²
Volume	15300 gal / 57950 L
Liner Sq. Ft.	532.3333 SF

page
2 of 3

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	7
86200S	8' RADIUS PANEL STRAP	1
86165S	8' REVERSE RADIUS PANEL STRAP	3
88951S	6'RR to 8'R STRAP SET	1
88952S	8'R to 6'RR STRAP SET	1
88953S	6'RR to 8'R STRAP SET	1
88954S	8'R to 6'RR STRAP SET	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	28
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

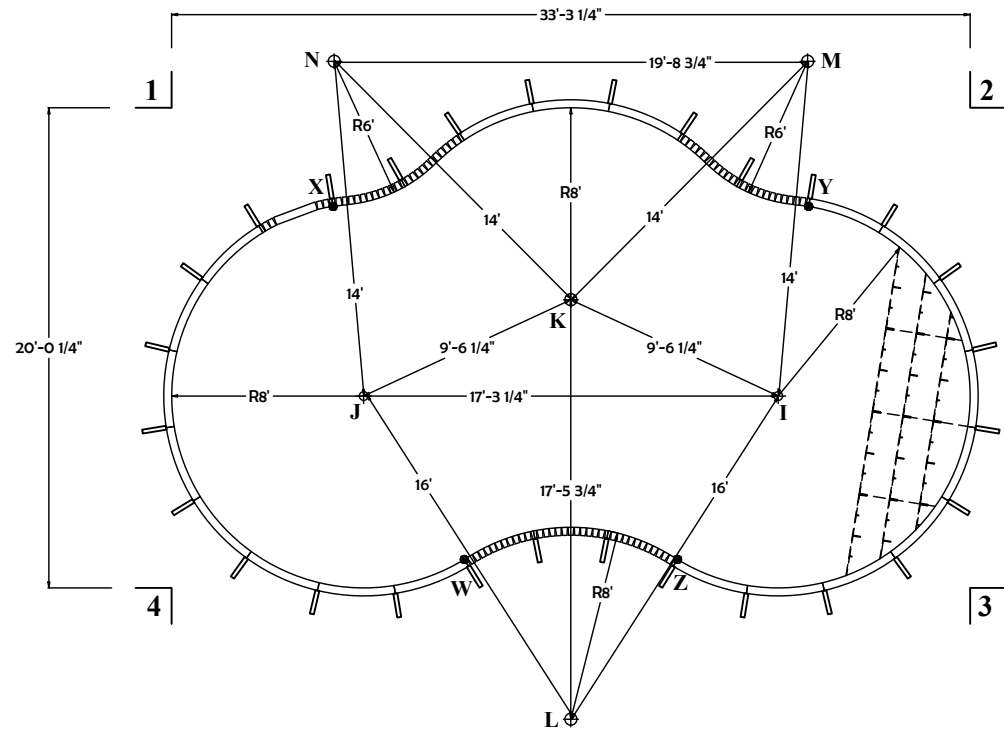
1 - I	27'-11 3/4"	2 - I	14'-5 1/4"	3 - I	11'-3 3/4"	4 - I	26'-6 1/4"	1 - 3	38'-10"
1 - J	14'-5 1/4"	2 - J	27'-11 3/4"	3 - J	26'-6 1/4"	4 - J	11'-3 3/4"	2 - 4	
1 - K	18'-5 1/2"	2 - K	18'-5 1/2"	3 - K	20'-6 1/4"	4 - K	20'-6 1/4"		
1 - L	30'-5 1/4"	2 - L	30'-5 1/4"	3 - L	17'-6 1/4"	4 - L	17'-6 1/4"		
1 - M	26'-6 3/4"	2 - M	7'-0 1/2"	3 - M	22'-11 1/2"	4 - M	34'-5"		
1 - N	7'-0 1/2"	2 - N	26'-6 3/4"	3 - N	34'-5"	4 - N	22'-11 1/2"		
1 - W	22'-5 1/4"	2 - W	28'-3"	3 - W	21'-1 1/4"	4 - W	12'-3"		
1 - X	7'-10 3/4"	2 - X	26'-10 1/4"	3 - X	30'-11 1/4"	4 - X	17'-3 1/4"		
1 - Y	26'-10 1/4"	2 - Y	7'-10 3/4"	3 - Y	17'-3 1/4"	4 - Y	30'-11 1/4"		
1 - Z	28'-3"	2 - Z	22'-5 1/4"	3 - Z	12'-3"	4 - Z	21'-1 1/4"		

This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL
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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
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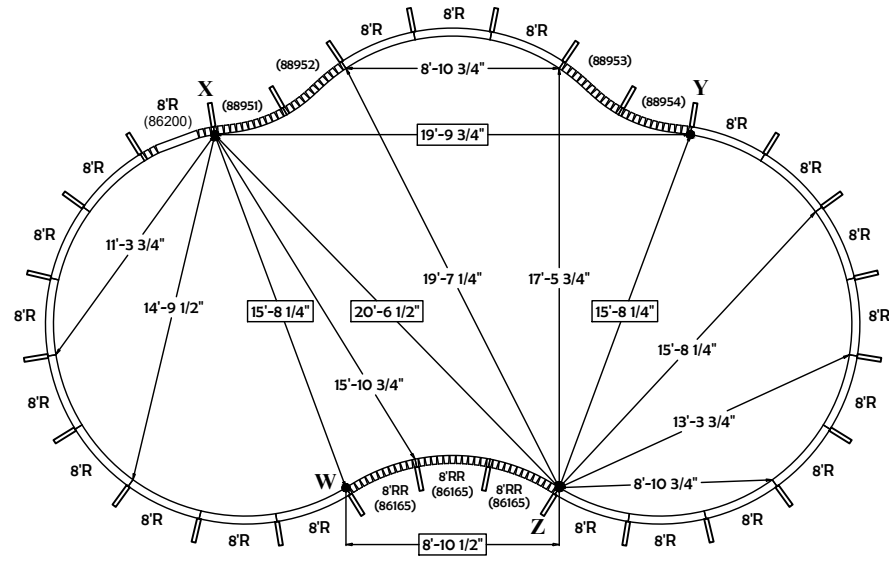
20' x 33' Left Mountain Pond w/ Nexus Stair

Perimeter	87'-11" / 26.80 m
Surface Area	469.9 SF / 46.2 m ²
Volume	15300 gal / 57950 L
Liner Sq. Ft.	532.3333 SF

page
3 of 3

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	7
86200S	8' RADIUS PANEL STRAP	1
86165S	8' REVERSE RADIUS PANEL STRAP	3
88951S	6'RR to 8'R STRAP SET	1
88952S	8'R to 6'RR STRAP SET	1
88953S	6'RR to 8'R STRAP SET	1
88954S	8'R to 6'RR STRAP SET	1
09115	PUSH NUTS	208
42146	BRACE SYSTEM COMPLETE	28
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	



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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

21' x 35' Right Mountain Pond

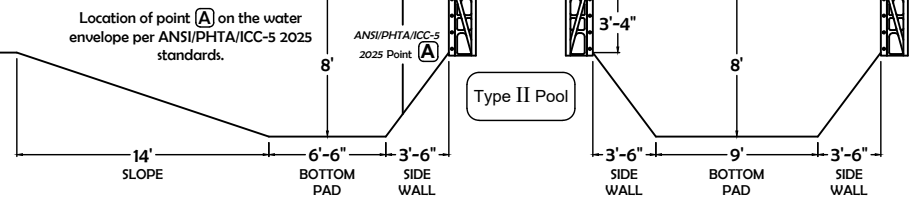
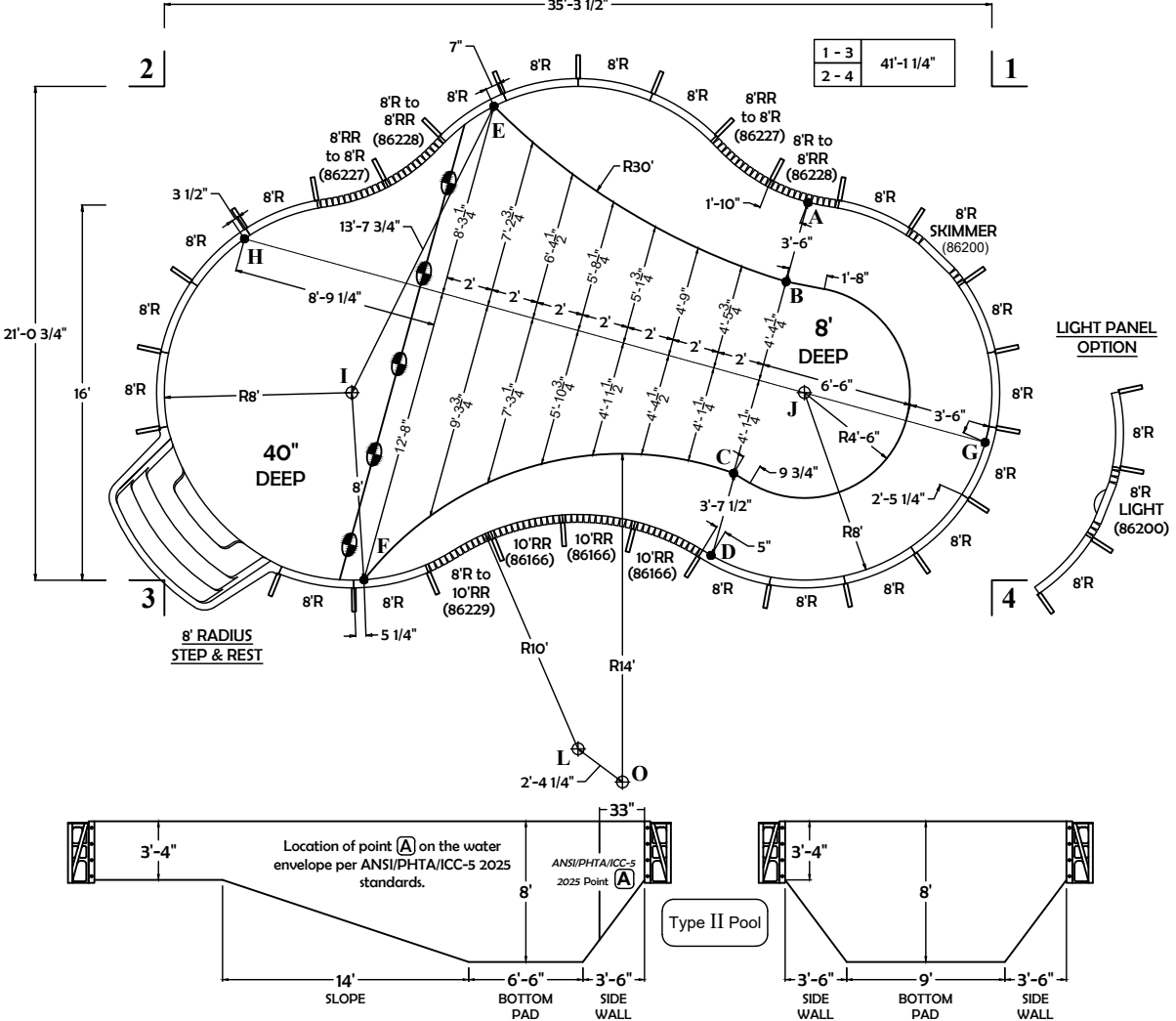
Perimeter	92'-11" / 28.32 m	page 1 of 3	8' Radius Step
Surface Area	540.1 SF / 50.2 m ²		
Volume	18000 gal / 68150 L		
Liner Sq. Ft.	564.6667 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86166S	10' REVERSE RADIUS STRAP SET	3
86200S	8' RADIUS PANEL STRAP	1
86227S	8'RR to 8'R STRAP SET	2
86228S	8'R to 8'RR STRAP SET	2
86229S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	28
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

1 - A	9'-3 1/4"	2 - A	27'-10 3/4"	3 - A	31'-10"	4 - A	17'-11"	G - A	12'-8 3/4"	H - A	24'-11"
1 - B	12'-1 1/4"	2 - B	27'-9 3/4"	3 - B	29'-5"	4 - B	15'-5 1/2"	G - B	10'-11"	H - B	23'-2 1/4"
1 - C	19'-10"	2 - C	29'-4 1/4"	3 - C	24'-8 1/2"	4 - C	11'-11"	G - C	10'-9 3/4"	H - C	23'-1 1/2"
1 - D	23'-3 3/4"	2 - D	30'-8 3/4"	3 - D	23'-4 1/4"	4 - D	12'-0 1/4"	G - D	12'-7 3/4"	H - D	24'-0 1/2"
1 - E	21'-3"	2 - E	14'-1"	3 - E	24'-7 1/2"	4 - E	29'-3 3/4"	G - E	25'-4 1/2"	H - E	12'-0 1/2"
1 - F	34'-0 3/4"	2 - F	22'-8 1/2"	3 - F	8'-6 1/4"	4 - F	26'-9 1/2"	G - F	27'-1 3/4"	H - F	15'-5"
1 - G	15'-2 1/4"	2 - G	38'-2"	3 - G	35'-6"	4 - G	5'-10 3/4"	G - G	32'-9 1/4"	H - G	32'-9 1/4"
1 - H	32'-6 1/2"	2 - H	7'-4 1/4"	3 - H	14'-11 1/2"	4 - H	35'-0 1/2"	G - H	27'-1 1/4"	H - H	8'
1 - I	30'-3 1/4"	2 - I	15'-3 3/4"	3 - I	11'-3 3/4"	4 - I	28'-5 1/2"	G - I	8'	H - I	24'-9 1/4"
1 - J	15'-3 3/4"	2 - J	30'-3 1/4"	3 - J	28'-5 1/2"	4 - J	11'-3 3/4"	G - J	18'-9 1/2"	H - K	14'-3 3/4"
1 - K	19'-4 1/2"	2 - K	19'-4 1/2"	3 - K	21'-11 1/2"	4 - K	21'-11 1/2"	G - L	21'-2 1/2"	H - L	28'-2 3/4"
1 - L	33'-3 3/4"	2 - L	33'-3 3/4"	3 - L	19'-0 3/4"	4 - L	19'-0 3/4"	G - M	34'-3 1/4"	H - M	9'-7 1/4"
1 - M	29'-7 1/4"	2 - M	6'-5 3/4"	3 - M	24'-6 3/4"	4 - M	37'-11"	G - N	18'-9 3/4"	H - N	27'-7 3/4"
1 - N	6'-5 3/4"	2 - N	29'-7 1/4"	3 - N	29'-11"	4 - N	24'-6 3/4"	G - O	21'-8 3/4"	H - O	26'
1 - O	33'-3 3/4"	2 - O	33'-3 3/4"	3 - O	19'-0 3/4"	4 - O	19'-0 3/4"				



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSIPHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

21' x 35' Right Mountain Pond

Perimeter	92'-11" / 28.32 m
Surface Area	540.1 SF / 50.2 m ²
Volume	18000 gal / 68150 L
Liner Sq. Ft.	564.6667 SF

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8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86166S	10' REVERSE RADIUS STRAP SET	3
86200S	8' RADIUS PANEL STRAP	1
86227S	8'RR to 8'R STRAP SET	2
86228S	8'R to 8'RR STRAP SET	2
86229S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	28
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

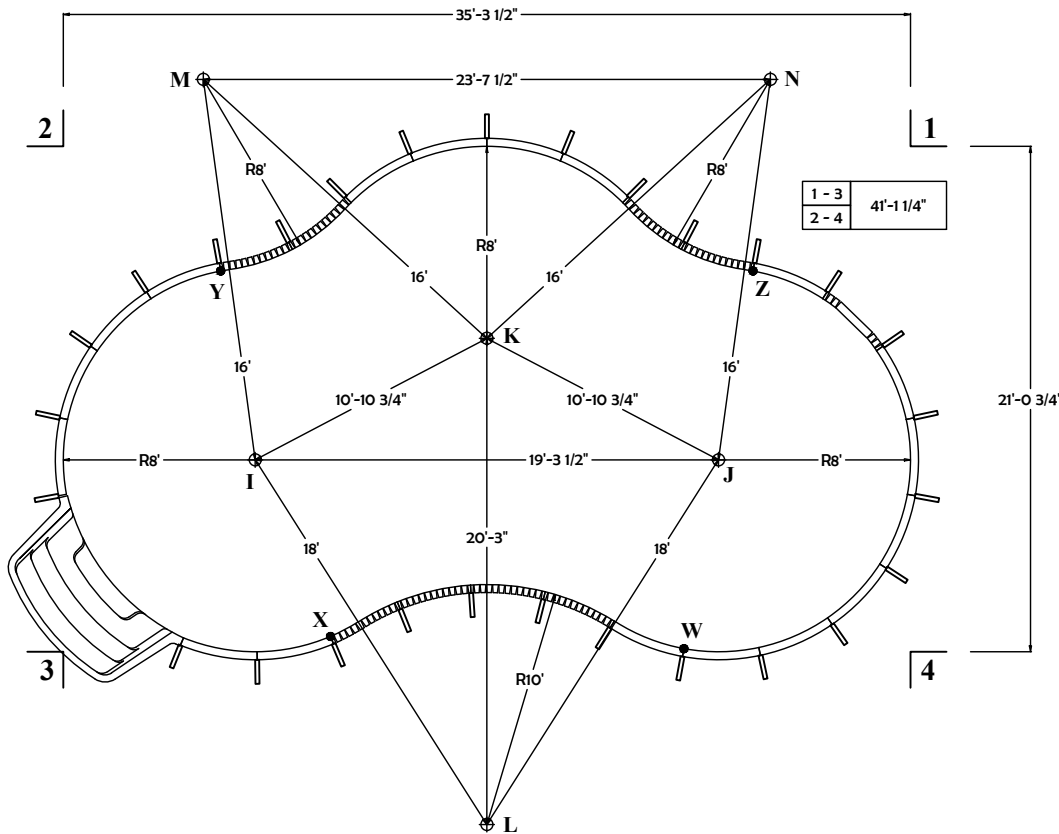
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - I	30'-3 1/4"	2 - I	15'-3 3/4"	3 - I	11'-3 3/4"	4 - I	28'-5 1/2"
1 - J	15'-3 3/4"	2 - J	30'-3 1/4"	3 - J	28'-5 1/2"	4 - J	11'-3 3/4"
1 - K	19'-4 1/2"	2 - K	19'-4 1/2"	3 - K	21'-11 1/2"	4 - K	21'-11 1/2"
1 - L	33'-3 3/4"	2 - L	33'-3 3/4"	3 - L	19'-0 3/4"	4 - L	19'-0 3/4"
1 - M	29'-7 1/4"	2 - M	6'-5 3/4"	3 - M	24'-6 3/4"	4 - M	37'-11"
1 - N	6'-5 3/4"	2 - N	29'-7 1/4"	3 - N	37'-11"	4 - N	24'-6 3/4"
1 - W	22'-11 1/2"	2 - W	33'-3 1/4"	3 - W	25'-10 1/4"	4 - W	9'-5 1/4"
1 - X	31'-7 3/4"	2 - X	23'-3 1/4"	3 - X	11'-1 3/4"	4 - X	24'-2"
1 - Y	29'-2 1/2"	2 - Y	8'-4 1/2"	3 - Y	17'-2"	4 - Y	32'-10"
1 - Z	8'-4 1/2"	2 - Z	29'-2 1/2"	3 - Z	32'-10"	4 - Z	17'-2"





21' x 35' Right Mountain Pond

Perimeter	92'-11" / 28.32 m
Surface Area	540.1 SF / 50.2 m ²
Volume	18000 gal / 68150 L
Liner Sq. Ft.	564.6667 SF

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8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86166S	10' REVERSE RADIUS STRAP SET	3
86200S	8' RADIUS PANEL STRAP	1
86227S	8'RR to 8'R STRAP SET	2
86228S	8'R to 8'RR STRAP SET	2
86229S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	28
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

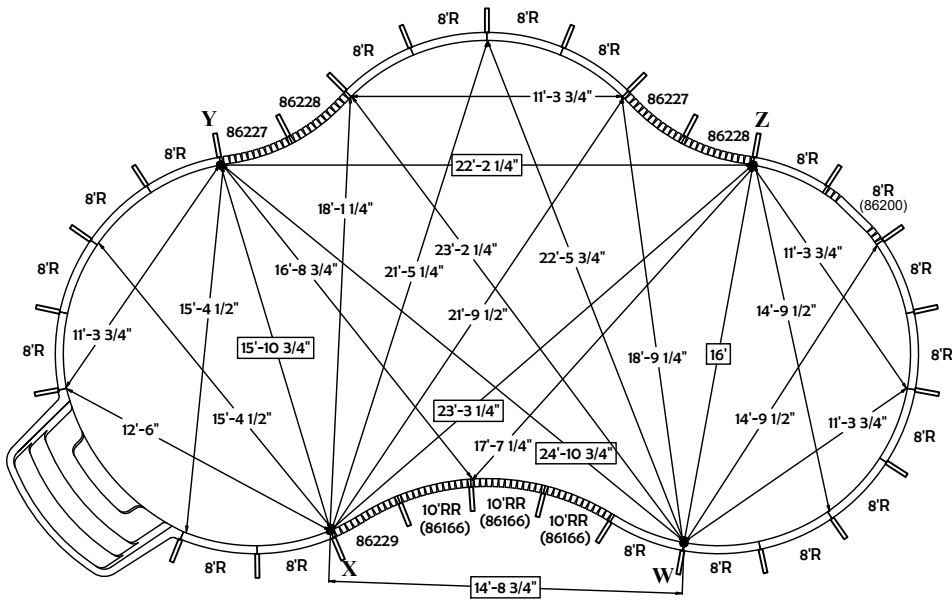
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

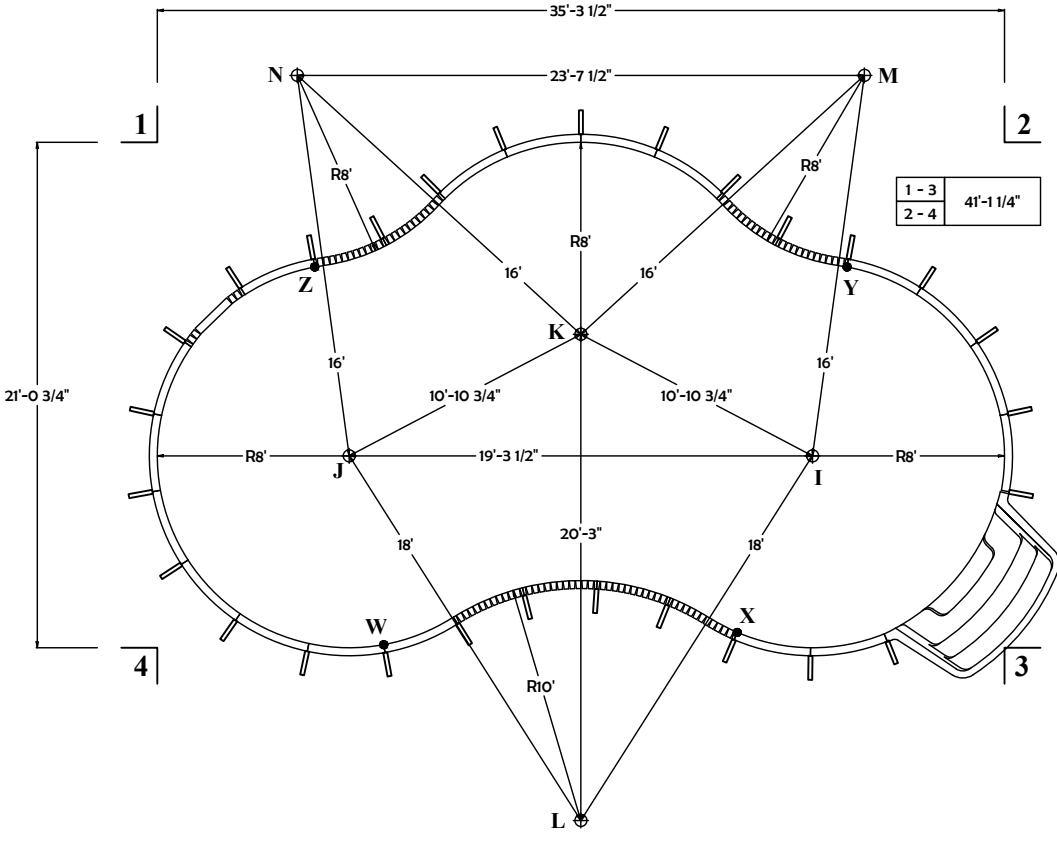


21' x 35' Left Mountain Pond

Perimeter	92'-11" / 28.32 m	page 2 of 3
Surface Area	540.1 SF / 50.2 m ²	
Volume	18000 gal / 68150 L	
Liner Sq. Ft.	564.6667 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86166S	10' REVERSE RADIUS STRAP SET	3
86200S	8' RADIUS PANEL STRAP	1
86227S	8'RR to 8'R STRAP SET	2
86228S	8'R to 8'RR STRAP SET	2
86230S	10'RR to 8'R STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	28
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	30'-3 1/4"	2 - I	15'-3 3/4"	3 - I	11'-3 3/4"	4 - I	28'-5 1/2"
1 - J	15'-3 3/4"	2 - J	30'-3 1/4"	3 - J	28'-5 1/2"	4 - J	11'-3 3/4"
1 - K	19'-4 1/2"	2 - K	19'-4 1/2"	3 - K	21'-11 1/2"	4 - K	21'-11 1/2"
1 - L	33'-3 3/4"	2 - L	33'-3 3/4"	3 - L	19'-0 3/4"	4 - L	19'-0 3/4"
1 - M	29'-7 1/4"	2 - M	6'-5 3/4"	3 - M	24'-6 3/4"	4 - M	37'-11"
1 - N	6'-5 3/4"	2 - N	29'-7 1/4"	3 - N	37'-11"	4 - N	24'-6 3/4"
1 - W	22'-11 1/2"	2 - W	33'-3 1/4"	3 - W	25'-10 1/4"	4 - W	9'-5 1/4"
1 - X	31'-7 3/4"	2 - X	23'-3 1/4"	3 - X	11'-1 3/4"	4 - X	24'-2"
1 - Y	29'-2 1/2"	2 - Y	8'-4 1/2"	3 - Y	17'-2"	4 - Y	32'-10"
1 - Z	8'-4 1/2"	2 - Z	29'-2 1/2"	3 - Z	32'-10"	4 - Z	17'-2"



* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

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 The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

21' x 35' Left Mountain Pond

Perimeter	92'-11" / 28.32 m
Surface Area	540.1 SF / 50.2 m ²
Volume	18000 gal / 68150 L
Liner Sq. Ft.	564.6667 SF

page
3 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86166S	10' REVERSE RADIUS STRAP SET	3
86200S	8' RADIUS PANEL STRAP	1
86227S	8'RR to 8'R STRAP SET	2
86228S	8'R to 8'RR STRAP SET	2
86230S	10'RR to 8'R STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	28
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

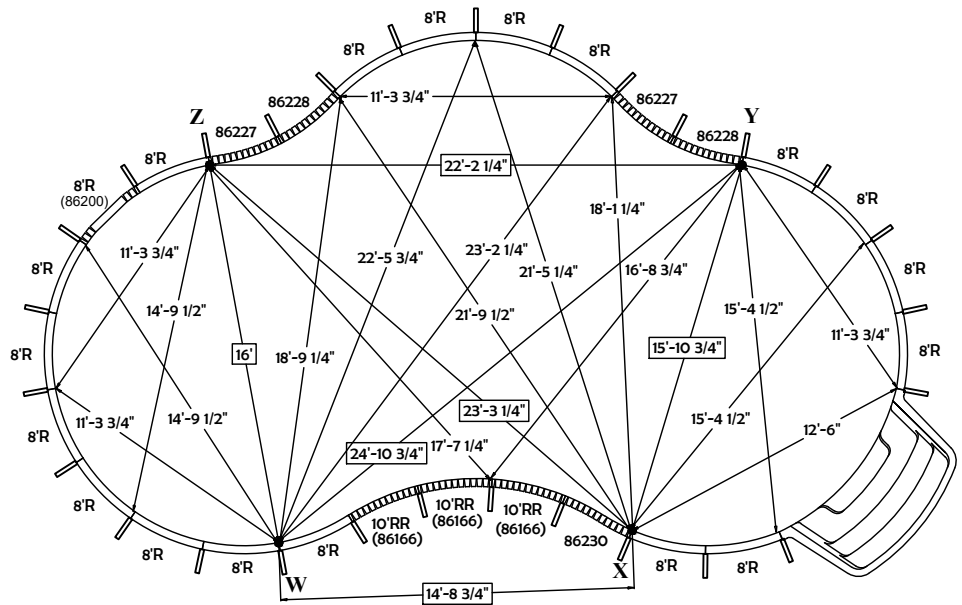
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



21' x 35' Right Mountain Pond w/ Nexus Stair

Perimeter	94'-3" / 28.73 m	page 1 of 3
Surface Area	547.3 SF / 50.8 m ²	
Volume	18550 gal / 70200 L	
Liner Sq. Ft.	575.0000 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	21
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86200S	8' RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS STRAP SET	2
88963S	8'RR to 8'R STRAP SET	1
88964S	8'R to 8'RR STRAP SET	1
88965S	8'RR to 8'R STRAP SET	1
88966S	8'R to 8'RR STRAP SET	1
88967S	10'RR to 8'R STRAP SET	1
88968S	8'R to 10'RR STRAP SET	1
O9115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	30
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

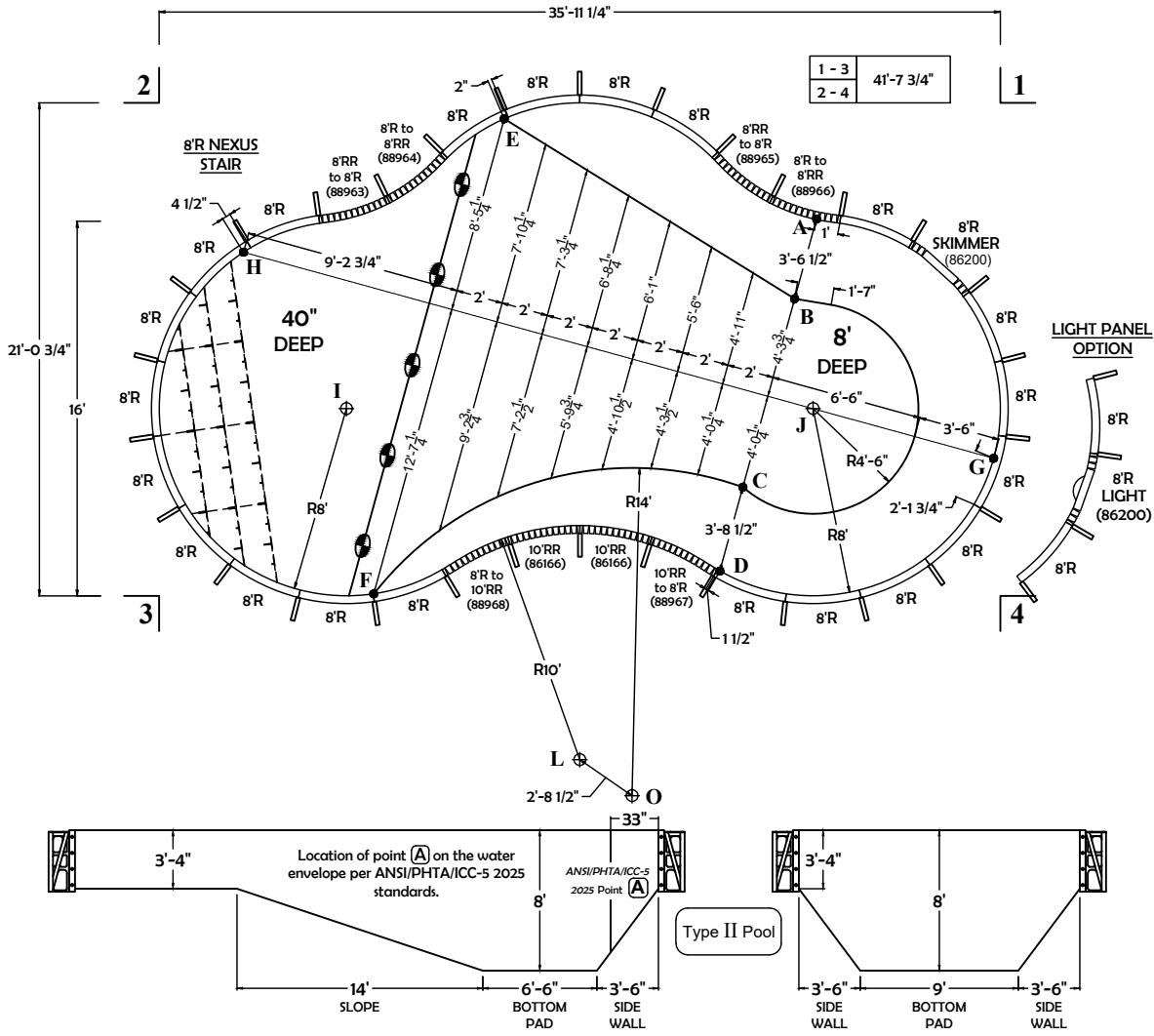
1 - A	9'-3 1/2"	2 - A	28'-6 1/4"	3 - A	32'-4 1/2"	4 - A	17'-11"	G - A	12'-8 1/2"	H - A	24'-6 1/4"
1 - B	12'-1 1/2"	2 - B	28'-4 3/4"	3 - B	29'-11 1/2"	4 - B	15'-5 1/4"	G - B	10'-10 3/4"	H - B	23'-7 1/2"
1 - C	19'-9 1/4"	2 - C	29'-10 1/4"	3 - C	25'-4 1/4"	4 - C	11'-11 1/4"	G - C	10'-9 1/2"	H - C	23'-7"
1 - D	23'-3 3/4"	2 - D	31'-2 1/2"	3 - D	23'-11 3/4"	4 - D	12'-0 1/4"	G - D	12'-7 3/4"	H - D	24'-5 3/4"
1 - E	21'-2 1/2"	2 - E	14'-9"	3 - E	25'-1 3/4"	4 - E	29'-4 3/4"	G - E	25'-5 1/4"	H - E	12'-6 1/4"
1 - F	34'	2 - F	22'-10 3/4"	3 - F	9'-2"	4 - F	26'-9 1/4"	G - F	27'-1 1/4"	H - F	15'-7 1/2"
1 - G	15'-2 1/4"	2 - G	38'-9"	3 - G	36'-1 1/2"	4 - G	5'-10 3/4"	G - G	33'-2 3/4"	H - G	33'-2 3/4"
1 - H	32'-11 1/2"	2 - H	7'-4"	3 - H	15'-1 1/2"	4 - H	35'-6"	G - I	25'-2 3/4"	H - I	8'
1 - I	30'-10"	2 - I	15'-3 3/4"	3 - I	11'-3 3/4"	4 - I	29'-0 3/4"	G - J	8'	H - J	25'-2 3/4"
1 - J	15'-3 3/4"	2 - J	30'-10"	3 - J	29'-0 3/4"	4 - J	11'-3 3/4"	G - K	14'-5 1/2"	H - K	14'-5 1/2"
1 - K	19'-8"	2 - K	19'-8"	3 - K	22'-2 1/2"	4 - K	22'-2 1/2"	G - L	33'-3 3/4"	H - L	33'-3 3/4"
1 - L	33'-3 3/4"	2 - L	33'-3 3/4"	3 - L	19'-3 1/4"	4 - L	19'-3 1/4"	G - M	27'-8 1/2"	H - M	9'-6 3/4"
1 - M	29'-10 1/2"	2 - M	6'-9 3/4"	3 - M	24'-8 1/4"	4 - M	38'-1 3/4"	G - N	9'-6 3/4"	H - N	27'-8 1/2"
1 - N	6'-9 3/4"	2 - N	29'-10 1/2"	3 - N	38'-1 3/4"	4 - N	24'-8 1/4"	G - O	21'-1 1/2"	H - O	28'-6 1/2"
1 - O	33'-6 1/4"	2 - O	35'-10"	3 - O	21'-11"	4 - O	17'-10 3/4"				

This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



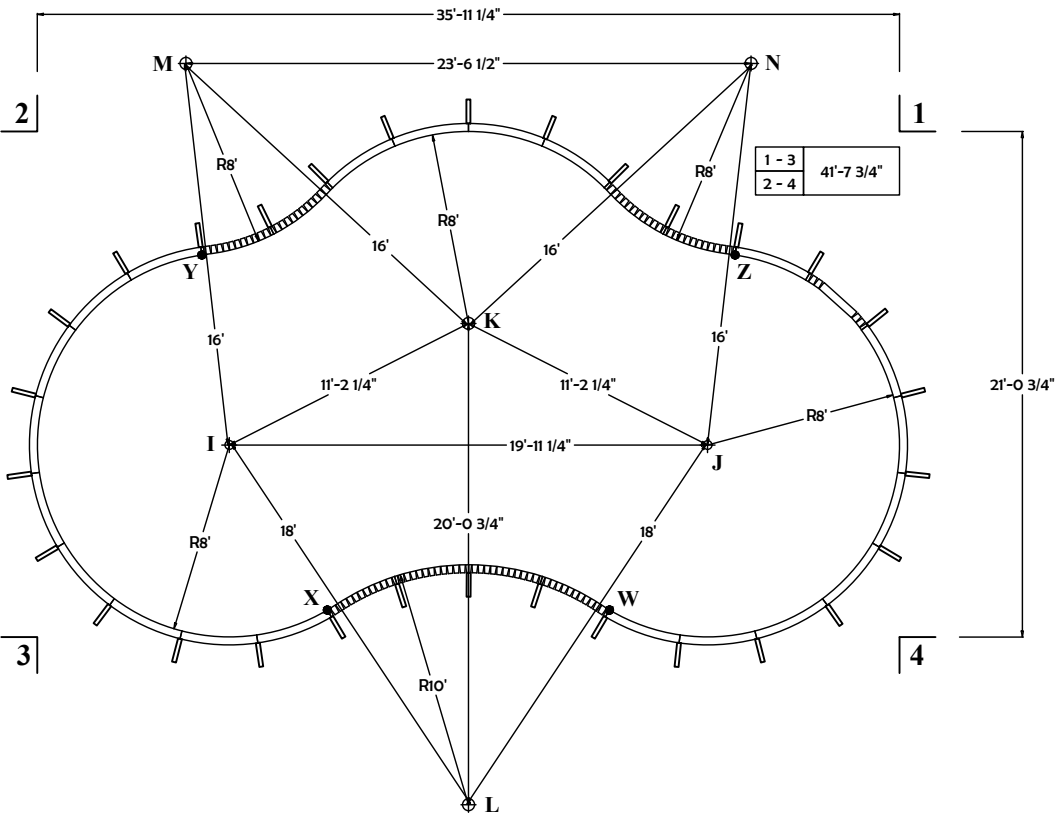
21' x 35' Right Mountain Pond w/ Nexus Stair

Perimeter	94'-3" / 28.73 m
Surface Area	547.3 SF / 50.8 m ²
Volume	18550 gal / 70200 L
Liner Sq. Ft.	575.0000 SF

page
2 of 3

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	21
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86200S	8' RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS STRAP SET	2
88963S	8'RR to 8'R STRAP SET	1
88964S	8'R to 8'RR STRAP SET	1
88965S	8'RR to 8'R STRAP SET	1
88966S	8'R to 8'RR STRAP SET	1
88967S	10'RR to 8'R STRAP SET	1
88968S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	30
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	30'-10"	2 - I	15'-3 3/4"	3 - I	11'-3 3/4"	4 - I	29'-0 3/4"
1 - J	15'-3 3/4"	2 - J	30'-10"	3 - J	29'-0 3/4"	4 - J	11'-3 3/4"
1 - K	19'-8"	2 - K	19'-8"	3 - K	22'-2 1/2"	4 - K	22'-2 1/2"
1 - L	33'-3 3/4"	2 - L	33'-3 3/4"	3 - L	19'-3 1/4"	4 - L	19'-3 1/4"
1 - M	29'-10 1/2"	2 - M	6'-9 3/4"	3 - M	24'-8 1/4"	4 - M	38'-1 3/4"
1 - N	6'-9 3/4"	2 - N	29'-10 1/2"	3 - N	38'-1 3/4"	4 - N	24'-8 1/4"
1 - W	23'-3 3/4"	2 - W	31'-1"	3 - W	23'-10 1/2"	4 - W	12'-1 3/4"
1 - X	31'-1"	2 - X	23'-3 3/4"	3 - X	12'-1 3/4"	4 - X	23'-10 1/2"
1 - Y	29'-6 1/4"	2 - Y	8'-6 3/4"	3 - Y	17'-4"	4 - Y	33'-1 3/4"
1 - Z	8'-6 3/4"	2 - Z	29'-6 1/4"	3 - Z	33'-1 3/4"	4 - Z	17'-4"



This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

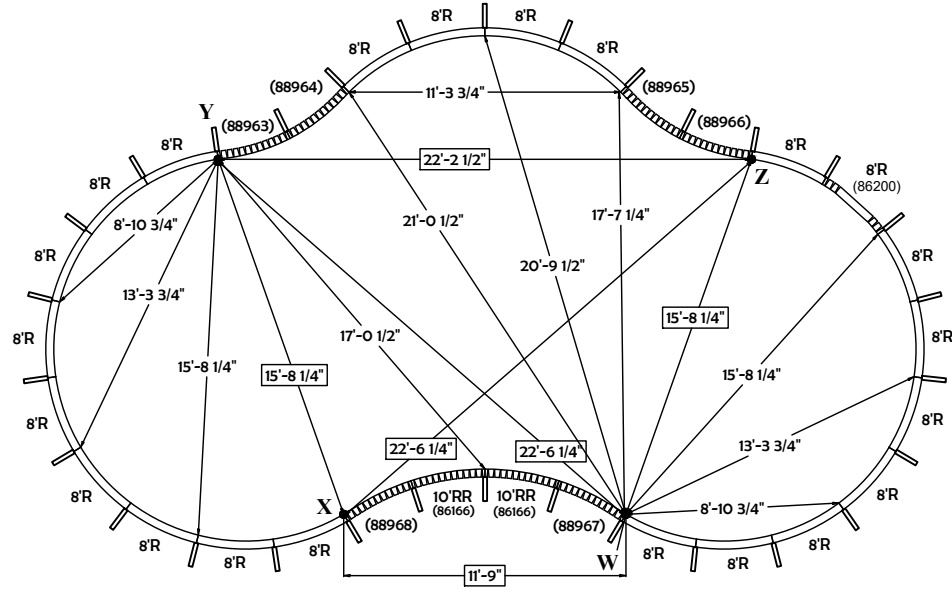
4'
4'

21' x 35' Right Mountain Pond w/ Nexus Stair

Perimeter	94'-3" / 28.73 m
Surface Area	547.3 SF / 50.8 m ²
Volume	18550 gal / 70200 L
Liner Sq. Ft.	575.0000 SF

page
3 of 3

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	21
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86200S	8' RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS STRAP SET	2
88963S	8'RR to 8'R STRAP SET	1
88964S	8'R to 8'RR STRAP SET	1
88965S	8'RR to 8'R STRAP SET	1
88966S	8'R to 8'RR STRAP SET	1
88967S	10'RR to 8'R STRAP SET	1
88968S	8'R to 10'RR STRAP SET	1
O9115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	30
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

21' x 35' Left Mountain Pond w/ Nexus Stair

Perimeter	94'-3" / 28.73 m	page	1 of 3
Surface Area	547.3 SF / 50.8 m ²		
Volume	18550 gal / 70200 L		
Liner Sq. Ft.	575.0000 SF		

ITEM #	PART DESCRIPTION	NEXUS STAIR
42111	8' RADIUS PANEL	21
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86200S	8' RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS STRAP SET	2
88963S	8'RR to 8'R STRAP SET	1
88964S	8'R to 8'RR STRAP SET	1
88965S	8'RR to 8'R STRAP SET	1
88966S	8'R to 8'RR STRAP SET	1
88967S	10'RR to 8'R STRAP SET	1
88968S	8'R to 10'RR STRAP SET	1
O9115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	30
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

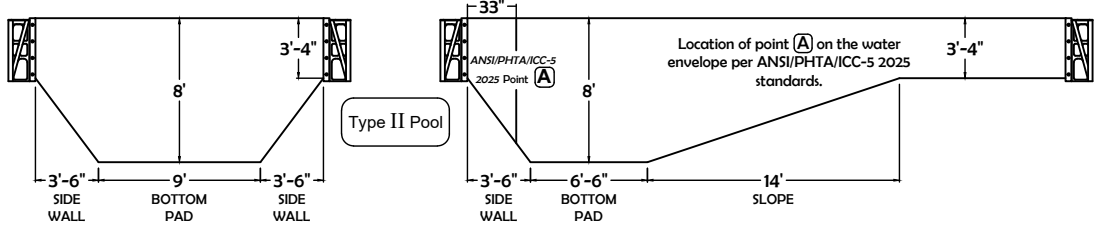
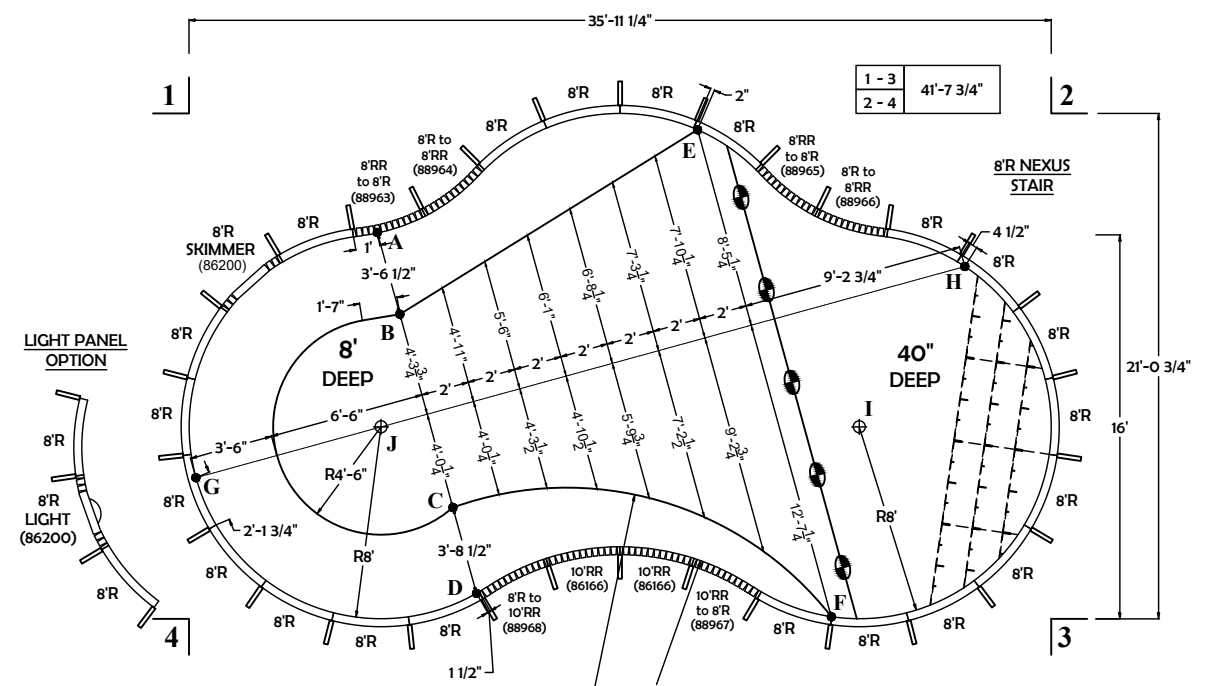
1 - A	9'-3 1/2"	2 - A	28'-6 1/4"	3 - A	32'-4 1/2"	4 - A	17'-11"	G - A	12'-8 1/2"	H - A	24'-6 1/4"
1 - B	12'-1 1/2"	2 - B	28'-4 3/4"	3 - B	29'-11 1/2"	4 - B	15'-5 1/4"	G - B	10'-10 3/4"	H - B	23'-7"
1 - C	19'-9 1/4"	2 - C	29'-10 1/4"	3 - C	25'-4 1/4"	4 - C	11'-11 1/4"	G - C	10'-9 1/2"	H - C	23'-7"
1 - D	23'-3 3/4"	2 - D	31'-2 1/2"	3 - D	23'-11 3/4"	4 - D	12'-0 1/4"	G - D	12'-7 3/4"	H - D	24'-5 3/4"
1 - E	21'-2 1/2"	2 - E	14'-9"	3 - E	25'-1 3/4"	4 - E	29'-4 3/4"	G - E	25'-5 1/4"	H - E	12'-6 1/4"
1 - F	34"	2 - F	22'-10 3/4"	3 - F	9'-2"	4 - F	26'-9 1/4"	G - F	27'-1 1/4"	H - F	15'-7 1/2"
1 - G	15'-2 1/4"	2 - G	38'-9"	3 - G	36'-1 1/2"	4 - G	5'-10 3/4"	G - H	33'-2 3/4"	H - G	33'-2 3/4"
1 - H	32'-11 1/2"	2 - H	7'-4"	3 - H	15'-1 1/2"	4 - H	35'-6"	G - I	25'-2 3/4"	H - I	8'
1 - I	30'-10"	2 - I	15'-3 3/4"	3 - I	11'-3 3/4"	4 - I	29'-0 3/4"	G - J	8'	H - J	25'-2 3/4"
1 - J	15'-3 3/4"	2 - J	30'-10"	3 - J	29'-0 3/4"	4 - J	11'-3 3/4"	G - K	14'-5 1/2"	H - K	14'-5 1/2"
1 - K	19'-8"	2 - K	19'-8"	3 - K	22'-2 1/2"	4 - K	22'-2 1/2"	G - L	33'-3 3/4"	H - L	33'-3 3/4"
1 - L	33'-3 3/4"	2 - L	33'-3 3/4"	3 - L	19'-3 1/4"	4 - L	19'-3 1/4"	G - M	27'-8 1/2"	H - M	9'-6 3/4"
1 - M	29'-10 1/2"	2 - M	6'-9 3/4"	3 - M	24'-8 1/4"	4 - M	38'-1 3/4"	G - N	9'-6 3/4"	H - N	27'-8 1/2"
1 - N	6'-9 3/4"	2 - N	29'-10 1/2"	3 - N	38'-1 3/4"	4 - N	24'-8 1/4"	G - O	21'-1 1/2"	H - O	28'-6 1/2"
1 - O	33'-6 1/4"	2 - O	35'-10"	3 - O	21'-11"	4 - O	17'-10 3/4"				

This configuration is only available with 8' Radius Nexus Stair.

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21' x 35' Left Mountain Pond w/ Nexus Stair

Perimeter	94'-3" / 28.73 m	page 2 of 3
Surface Area	547.3 SF / 50.8 m ²	
Volume	18550 gal / 70200 L	
Liner Sq. Ft.	575.0000 SF	

NEXUS STAIR

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	21
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
86200S	8' RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS STRAP SET	2
88963S	8'RR to 8'R STRAP SET	1
88964S	8'R to 8'RR STRAP SET	1
88965S	8'RR to 8'R STRAP SET	1
88966S	8'R to 8'RR STRAP SET	1
88967S	10'RR to 8'R STRAP SET	1
88968S	8'R to 10'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	30
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

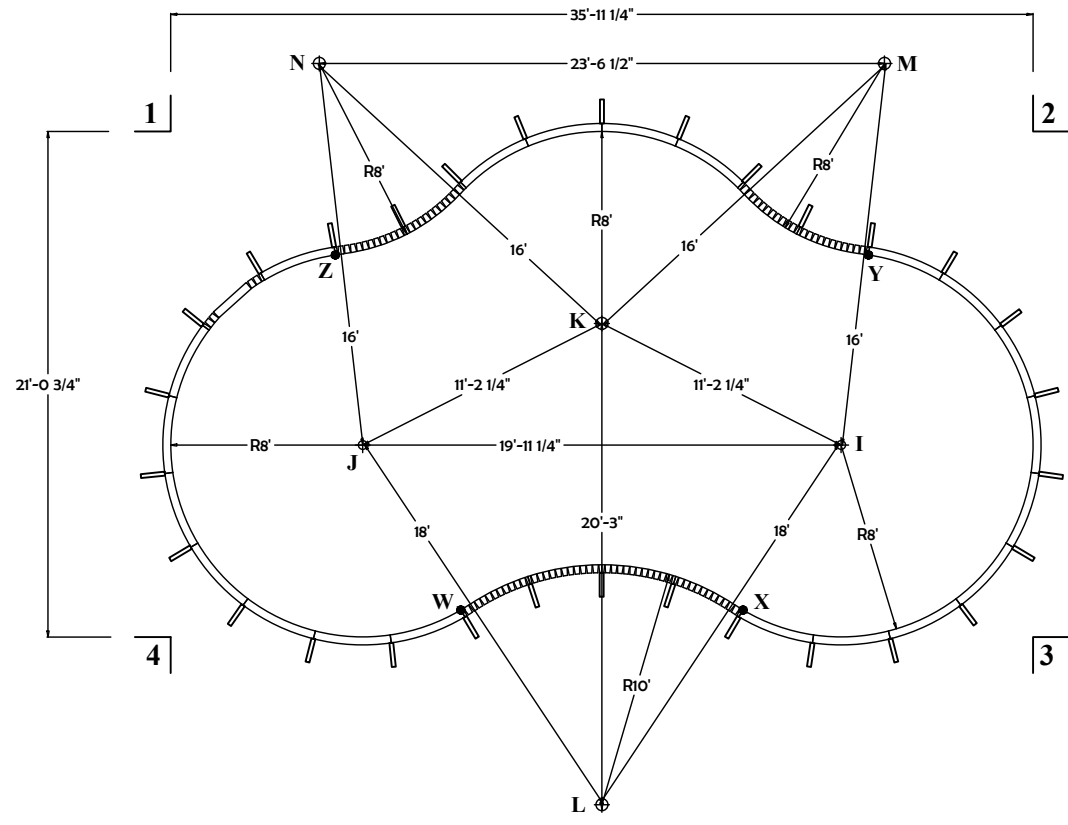
1 - I	30'-10"	2 - I	15'-3 3/4"	3 - I	11'-3 3/4"	4 - I	29'-0 3/4"
1 - J	15'-3 3/4"	2 - J	30'-10"	3 - J	29'-0 3/4"	4 - J	11'-3 3/4"
1 - K	19'-8"	2 - K	19'-8"	3 - K	22'-2 1/2"	4 - K	22'-2 1/2"
1 - L	33'-3 3/4"	2 - L	33'-3 3/4"	3 - L	19'-3 1/4"	4 - L	19'-3 1/4"
1 - M	29'-10 1/2"	2 - M	6'-9 3/4"	3 - M	24'-8 1/4"	4 - M	38'-1 3/4"
1 - N	6'-9 3/4"	2 - N	29'-10 1/2"	3 - N	38'-1 3/4"	4 - N	24'-8 1/4"
1 - W	23'-3 3/4"	2 - W	31'-1"	3 - W	23'-10 1/2"	4 - W	12'-1 3/4"
1 - X	31'-1"	2 - X	23'-3 3/4"	3 - X	12'-1 3/4"	4 - X	23'-10 1/2"
1 - Y	29'-6 1/4"	2 - Y	8'-6 3/4"	3 - Y	17'-4"	4 - Y	33'-1 3/4"
1 - Z	8'-6 3/4"	2 - Z	29'-6 1/4"	3 - Z	33'-1 3/4"	4 - Z	17'-4"

This configuration is only available with 8' Radius Nexus Stair.

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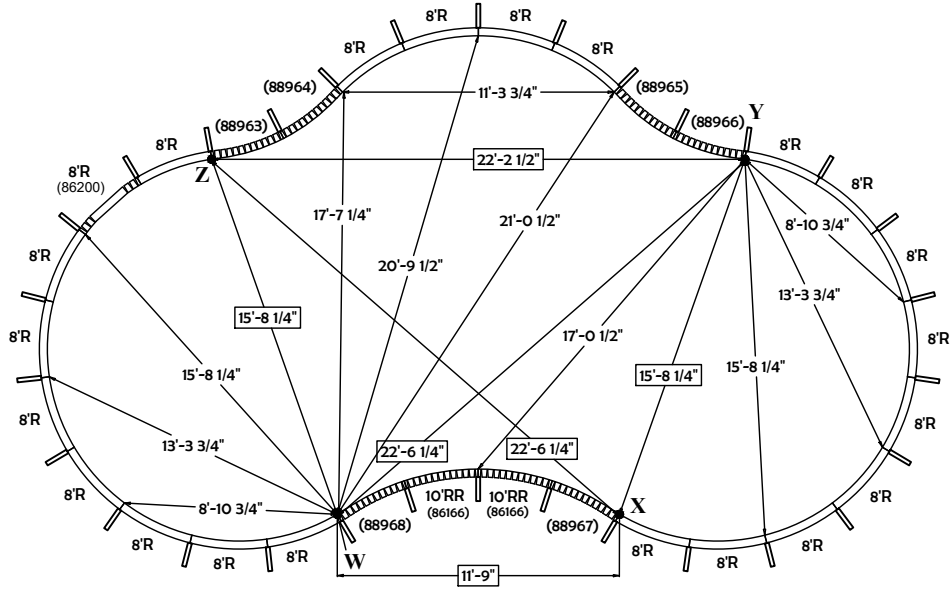
21' x 35' Left Mountain Pond w/ Nexus Stair

Perimeter	94'-3" / 28.73 m
Surface Area	547.3 SF / 50.8 m ²
Volume	18550 gal / 70200 L
Liner Sq. Ft.	575.0000 SF

page
3 of 3

NEXUS STAIR

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	21
421165	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	8
862005	8' RADIUS PANEL STRAP	1
861665	10' REVERSE RADIUS STRAP SET	2
889635	8'RR to 8'R STRAP SET	1
889645	8'R to 8'RR STRAP SET	1
889655	8'RR to 8'R STRAP SET	1
889665	8'R to 8'RR STRAP SET	1
889675	10'RR to 8'R STRAP SET	1
889685	8'R to 10'RR STRAP SET	1
O9115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	30
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

22' x 36' Right Mountain Pond

Perimeter	96' / 29.26 m	page 1 of 3	8' Radius Step
Surface Area	601.3 SF / 55.8 m ²		
Volume	20000 gal / 75700 L		
Liner Sq. Ft.	544.00 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42115	VERSA-FLEX PANEL	27
42116S	VERSA-FLEX SKIMMER PANEL	1
86165S	8'RR STRAP SET	2
86158S	9'R STRAP SET	20
86607S	9'R TO 4'RR STRAP SET	1
86608S	4'RR TO 9'R STRAP SET	1
86609S	9'R TO 4'RR STRAP SET	1
86610S	4'RR TO 9'R STRAP SET	1
87466S	9'R TO 8'RR STRAP SET	1
87467S	8'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	728
42146	BRACE SYSTEM COMPLETE	29
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

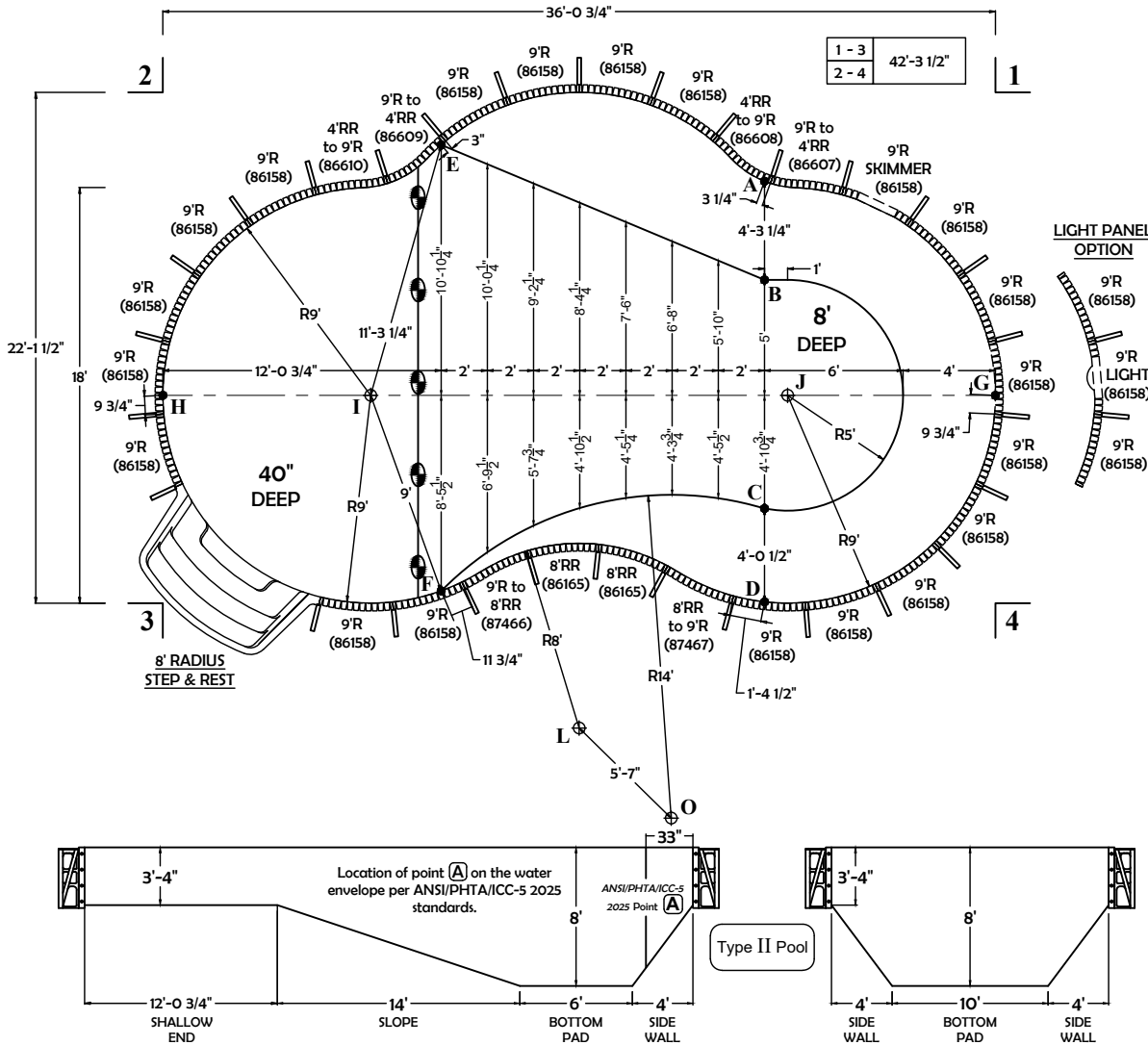
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of $\frac{1}{4}''$ to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPC CODE

1 - A	10'-8 1/2"	2 - A	26'-4"	3 - A	31'-9 3/4"	4 - A	20'-10"	G - A	13'-7 3/4"	H - A	27'-7 3/4"
1 - B	12'-10 1/2"	2 - B	27'-3 1/2"	3 - B	29'-7"	4 - B	17'-2 1/2"	G - B	11'-2 1/4"	H - B	26'-6 1/4"
1 - C	20'-7 1/4"	2 - C	31'-8"	3 - C	26'-4 1/2"	4 - C	10'-9 3/4"	G - C	11'-1 3/4"	H - C	26'-6"
1 - D	24'-2 3/4"	2 - D	34'-1 3/4"	3 - D	26'-0 3/4"	4 - D	10'	G - D	13'-5"	H - D	27'-6 1/2"
1 - E	24'-1 1/4"	2 - E	12'-3 1/4"	3 - E	23'-2 3/4"	4 - E	31'-1 3/4"	G - E	26'-4"	H - E	16'-2 1/2"
1 - F	32'-3 1/4"	2 - F	24'-8 3/4"	3 - F	12'-0 3/4"	4 - F	24'	G - F	25'-5 1/2"	H - F	14'-8 3/4"
1 - G	13'-1 1/2"	2 - G	38'-4 1/2"	3 - G	37'-2"	4 - G	9'	G - G	36'-0 3/4"	H - G	36'-0 3/4"
1 - H	38'-4 1/2"	2 - H	13'-1 1/2"	3 - H	9'	4 - H	37'-2"	G - I	27'-0 3/4"	H - I	27'-0"
1 - I	30'-0 3/4"	2 - I	15'-11"	3 - I	12'-8 3/4"	4 - I	28'-6"	G - J	9'	H - J	9'-0 3/4"
1 - J	15'-11"	2 - J	30'-0 3/4"	3 - J	28'-6"	4 - J	12'-8 3/4"	G - K	18'-6"	H - K	18'-6"
1 - K	20'-1 3/4"	2 - K	20'-1 3/4"	3 - K	22'-3 1/2"	4 - K	22'-3 1/2"	G - L	23'-1"	H - L	23'-1"
1 - L	32'-10 3/4"	2 - L	32'-10 3/4"	3 - L	18'-9 3/4"	4 - L	18'-9 3/4"	G - M	30'-5 1/4"	H - M	15'-6 1/2"
1 - M	27'-6 1/4"	2 - M	8'-6 1/4"	3 - M	23'-7"	4 - M	35'-2 3/4"	G - N	15'-6 1/2"	H - N	30'-5 1/4"
1 - N	8'-6 1/4"	2 - N	27'-6 1/4"	3 - N	35'-2 3/4"	4 - N	23'-7"	G - O	23'-0 3/4"	H - O	28'-7 1/2"
1 - O	34'-5"	2 - O	38'-4 1/2"	3 - O	23'-10 3/4"	4 - O	16'-10"				



22' x 36' Right Mountain Pond

Perimeter	96' / 29.26 m	page 2 of 3
Surface Area	601.3 SF / 55.8 m ²	
Volume	20000 gal / 75700 L	
Liner Sq. Ft.	544.00 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42115	VERSA-FLEX PANEL	27
421165	VERSA-FLEX SKIMMER PANEL	1
861655	8'RR STRAP SET	2
861585	9'R STRAP SET	20
866075	9'R TO 4'RR STRAP SET	1
866085	4'RR TO 9'R STRAP SET	1
866095	9'R TO 4'RR STRAP SET	1
866105	4'RR TO 9'R STRAP SET	1
874665	9'R TO 8'RR STRAP SET	1
874675	8'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	728
42146	BRACE SYSTEM COMPLETE	29
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

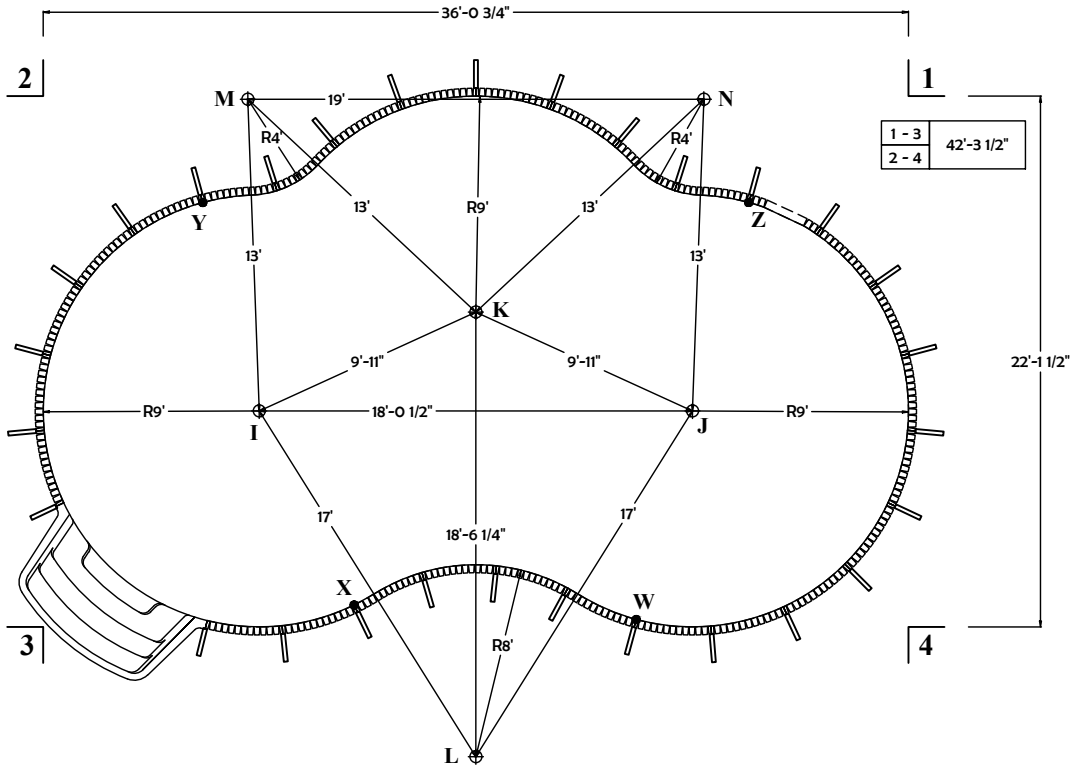
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - I	30'-0 3/4"	2 - I	15'-11"	3 - I	12'-8 3/4"	4 - I	28'-6"
1 - J	15'-11"	2 - J	30'-0 3/4"	3 - J	28'-6"	4 - J	12'-8 3/4"
1 - K	20'-1 3/4"	2 - K	20'-1 3/4"	3 - K	22'-3 1/2"	4 - K	22'-3 1/2"
1 - L	32'-10 3/4"	2 - L	32'-10 3/4"	3 - L	18'-9 3/4"	4 - L	18'-9 3/4"
1 - M	27'-6 1/4"	2 - M	8'-6 1/4"	3 - M	23'-7"	4 - M	35'-2 3/4"
1 - N	8'-6 1/4"	2 - N	27'-6 1/4"	3 - N	35'-2 3/4"	4 - N	23'-7"
1 - W	24'-7"	2 - W	32'-11 1/2"	3 - W	24'-8 1/2"	4 - W	11'-4 1/4"
1 - X	31'-4 1/4"	2 - X	24'-10 1/4"	3 - X	12'-11 3/4"	4 - X	23'-1 1/2"
1 - Y	29'-8 3/4"	2 - Y	7'-11 3/4"	3 - Y	18'-10 3/4"	4 - Y	34'-3 3/4"
1 - Z	8'	2 - Z	29'-8 3/4"	3 - Z	34'-3 3/4"	4 - Z	18'-10 3/4"



4'
4'

22' x 36' Right Mountain Pond

Perimeter	96' / 29.26 m
Surface Area	601.3 SF / 55.8 m ²
Volume	20000 gal / 75700 L
Liner Sq. Ft.	544.00 SF

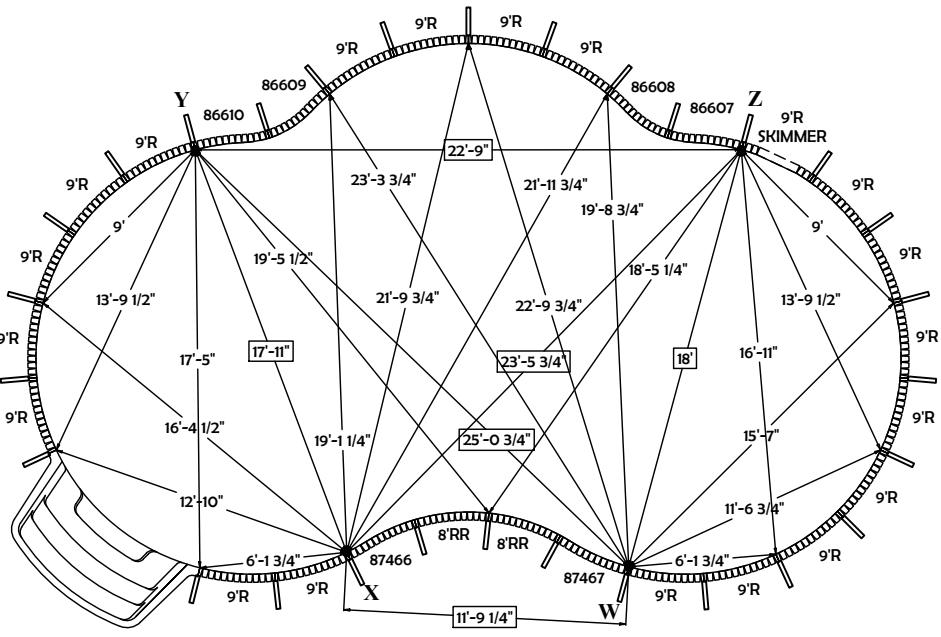
page
3 of 3

8' Radius Step

ITEM #	PART DESCRIPTION	QTY
42115	VERSA-FLEX PANEL	27
421165	VERSA-FLEX SKIMMER PANEL	1
861655	8'RR STRAP SET	2
861585	9'R STRAP SET	20
866075	9'R TO 4'RR STRAP SET	1
866085	4'RR TO 9'R STRAP SET	1
866095	9'R TO 4'RR STRAP SET	1
866105	4'RR TO 9'R STRAP SET	1
874665	9'R TO 8'RR STRAP SET	1
874675	8'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	728
42146	BRACE SYSTEM COMPLETE	29
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

22' x 36' Left Mountain Pond

Perimeter	96' / 29.2m	page 1 of 3
Surface Area	601.3 SF / 55.8 m ²	
Volume	20000 gal / 75700 L	
Liner Sq. Ft.	544.00 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42115	VERSA-FLEX PANEL	27
42116S	VERSA-FLEX SKIMMER PANEL	1
86165S	8'RR STRAP SET	2
86158S	9'R STRAP SET	20
86607S	9'R TO 4'RR STRAP SET	1
86608S	4'RR TO 9'R STRAP SET	1
86609S	9'R TO 4'RR STRAP SET	1
86610S	4'RR TO 9'R STRAP SET	1
86611S	9'R TO 8'RR STRAP SET	1
86612S	8'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	728
42146	BRACE SYSTEM COMPLETE	29
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

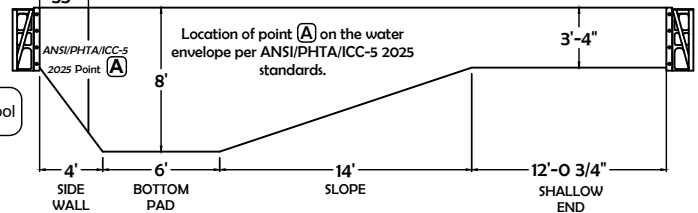
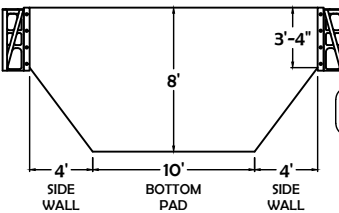
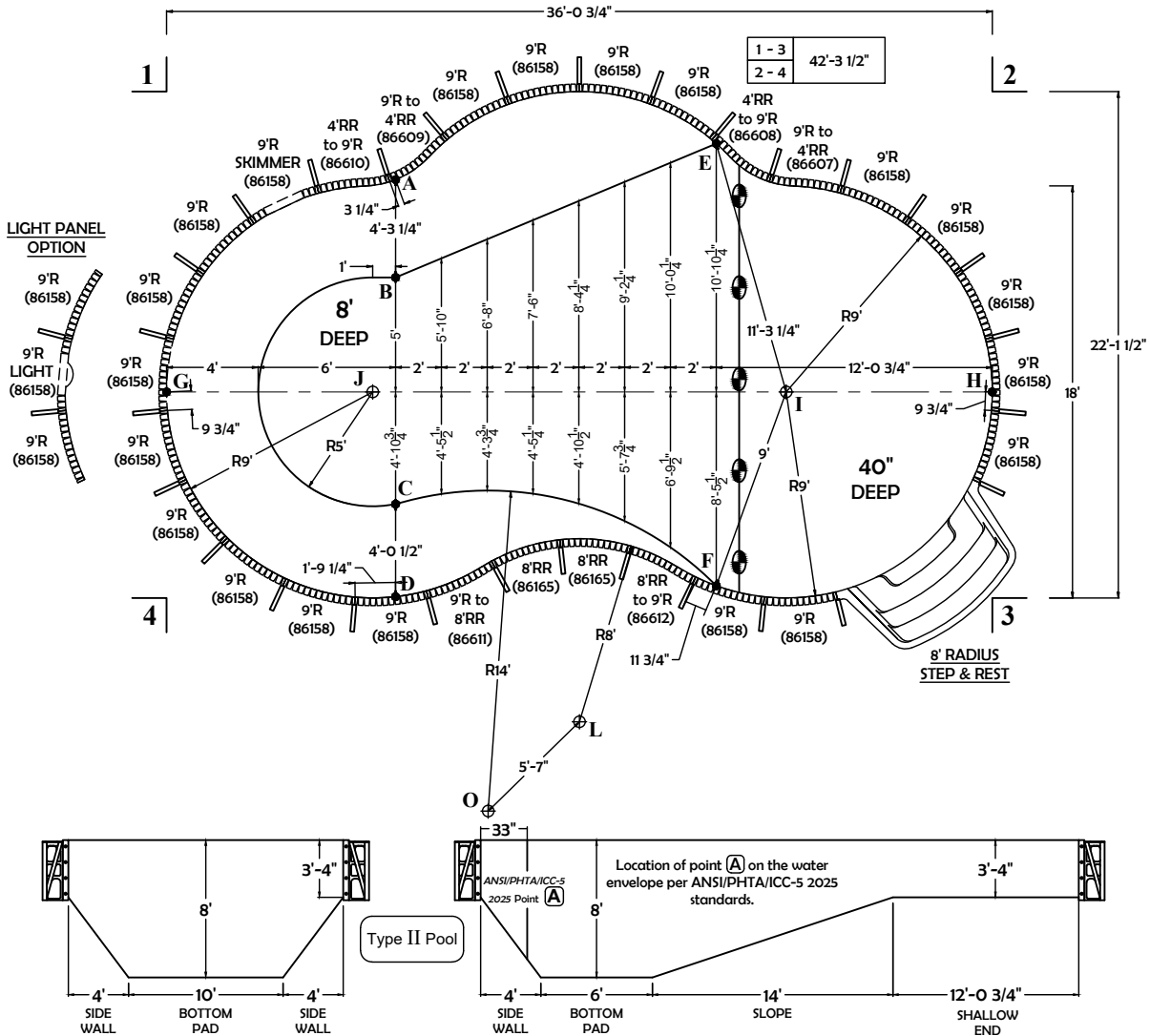
* - Use Bolts at Step Connection		
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.		

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - A	10'-8 1/2"	2 - A	26'-4"	3 - A	31'-9 3/4"	4 - A	20'-10"	G - A	13'-7 3/4"	H - A	27'-7 3/4"
1 - B	12'-10 1/2"	2 - B	27'-3 1/2"	3 - B	29'-7"	4 - B	17'-2 1/2"	G - B	11'-2 1/4"	H - B	26'-6 1/4"
1 - C	20'-7 1/4"	2 - C	31'-8"	3 - C	26'-4 1/2"	4 - C	10'-9 3/4"	G - C	11'-1 3/4"	H - C	26'-6"
1 - D	24'-2 3/4"	2 - D	34'-1 3/4"	3 - D	26'-0 3/4"	4 - D	10'	G - D	13'-5"	H - D	27'-6 1/2"
1 - E	24'-1 1/4"	2 - E	12'-3 1/4"	3 - E	23'-2 3/4"	4 - E	31'-1 3/4"	G - E	26'-4"	H - E	16'-2 1/2"
1 - F	32'-3 1/4"	2 - F	24'-8 3/4"	3 - F	12'-0 3/4"	4 - F	24'	G - F	25'-5 1/2"	H - F	14'-8 3/4"
1 - G	13'-1 1/2"	2 - G	38'-4 1/2"	3 - G	37'-2"	4 - G	9'	G - H	36'-0 3/4"	H - G	36'-0 3/4"
1 - H	38'-4 1/2"	2 - H	13'-1 1/2"	3 - H	9'	4 - H	37'-2"	G - I	27'-0 3/4"	H - I	9'
1 - I	30'-0 3/4"	2 - I	15'-11"	3 - I	12'-8 3/4"	4 - I	28'-6"	G - J	9'	H - J	27'-0 3/4"
1 - J	15'-11"	2 - J	30'-0 3/4"	3 - J	12'-8 3/4"	4 - J	12'-8 3/4"	G - K	18'-6"	H - K	18'-6"
1 - K	20'-1 3/4"	2 - K	20'-1 3/4"	3 - K	22'-3 1/2"	4 - K	22'-3 1/2"	G - L	23'-1"	H - L	23'-1"
1 - L	32'-10 3/4"	2 - L	32'-10 3/4"	3 - L	18'-9 3/4"	4 - L	18'-9 3/4"	G - M	30'-5 1/4"	H - M	15'-6 1/2"
1 - M	27'-6 1/4"	2 - M	8'-6 1/4"	3 - M	23'-7"	4 - M	35'-2 3/4"	G - N	15'-6 1/2"	H - N	30'-5 1/4"
1 - N	8'-6 1/4"	2 - N	27'-6 1/4"	3 - N	35'-2 3/4"	4 - N	23'-7"	G - O	23'-0 3/4"	H - O	28'-7 1/2"
1 - O	34'-5"	2 - O	38'-4 1/2"	3 - O	23'-10 3/4"	4 - O	16'-10"				

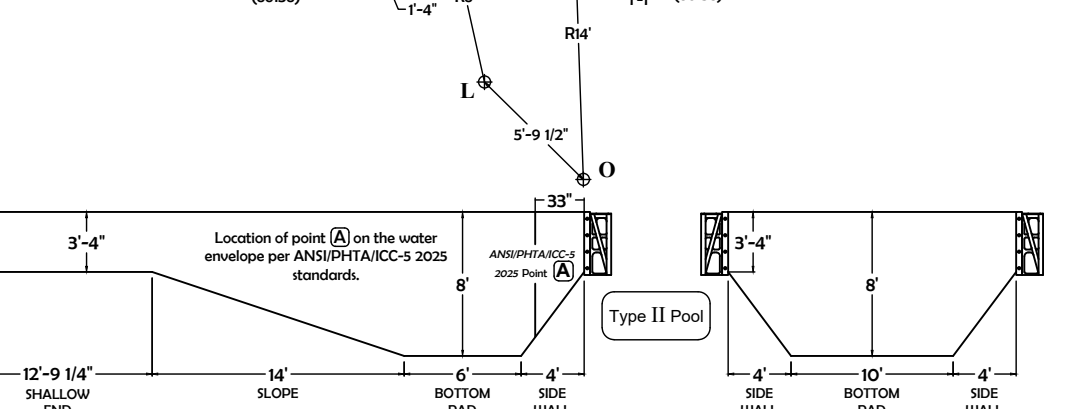
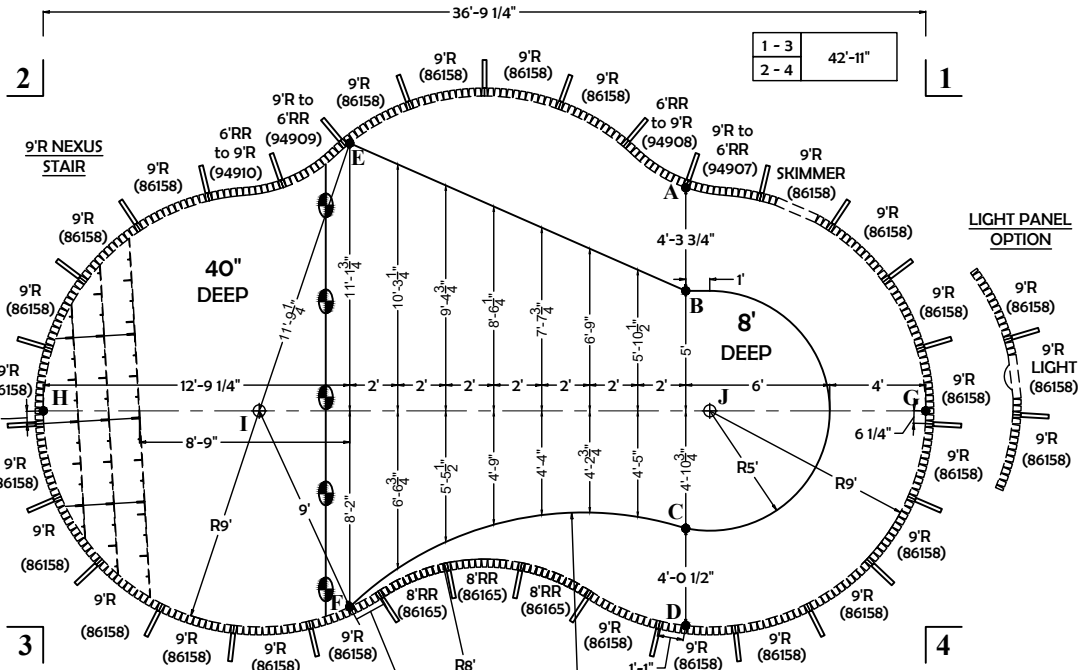


22' x 36' Right Mountain Pond w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page 1 of 3
Surface Area	612.02 SF / 56.86 m ²	
Volume	20600 gal / 78000 L	
Liner Sq. Ft.	662.00 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42115	VERSA-FLEX PANEL	30
42116S	VERSA-FLEX SKIMMER PANEL	1
86165S	8'RR STRAP SET	3
86158S	9'R STRAP SET	24
94907S	9'R TO 6'RR STRAP SET	1
94908S	6'RR TO 9'R STRAP SET	1
94909S	9'R TO 6'RR STRAP SET	1
94910S	6'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	806
42146	BRACE SYSTEM COMPLETE	31
NSS004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1-A	10'-8 1/2"	2-A	27'-0 1/2"	3-A	32'-5 1/4"	4-A	20'-10 1/4"	G-A	13'-8"	H-A	28'-4"
1-B	12'-10 1/2"	2-B	27'-11 3/4"	3-B	30'-2 1/2"	4-B	17'-2 1/2"	G-B	11'-2 1/4"	H-B	27'-2 3/4"
1-C	20'-7 1/4"	2-C	32'-3 1/4"	3-C	27'-1"	4-C	10'-9 3/4"	G-C	11'-1 3/4"	H-C	27'-2 1/2"
1-D	24'-2 3/4"	2-D	34'-8 1/4"	3-D	26'-9 1/4"	4-D	10'	G-D	13'-5"	H-D	28'-2 3/4"
1-E	24'-1"	2-E	12'-11"	3-E	23'-10 1/4"	4-E	31'-4"	G-E	26'-5 1/2"	H-E	16'-11 1/2"
1-F	32'-1"	2-F	24'-10"	3-F	12'-9 1/2"	4-F	24'-0 1/4"	G-F	25'-4 1/4"	H-F	15'-2"
1-G	13'-1 1/2"	2-G	39'-0 1/2"	3-G	37'-10 1/4"	4-G	9'	G-G	36'-9 1/4"	H-G	36'-9 1/4"
1-H	39'-0 1/2"	2-H	13'-1 1/2"	3-H	9'	4-H	37'-10 1/4"	G-H	27'-9 1/4"	H-H	27'-9 1/4"
1-I	30'-8 1/2"	2-I	15'-11"	3-I	12'-8 3/4"	4-I	29'-2 1/4"	G-I	9'	H-I	27'-9 1/4"
1-J	15'-11"	2-J	30'-8 1/2"	3-J	29'-2 1/4"	4-J	12'-8 3/4"	G-J	18'-10"	H-J	18'-10"
1-K	20'-5 3/4"	2-K	20'-5 3/4"	3-K	22'-7"	4-K	22'-7"	G-K	23'-2 1/2"	H-K	23'-2 1/2"
1-L	32'-11"	2-L	32'-11"	3-L	19'-1 1/4"	4-L	19'-1 1/4"	G-L	32'-5"	H-L	16'-11 3/4"
1-M	28'-9 3/4"	2-M	8'-2 3/4"	3-M	25'-3 1/4"	4-M	37'-5 1/4"	G-M	16'-11 3/4"	H-M	32'-5"
1-N	8'-2 3/4"	2-N	28'-9 3/4"	3-N	37'-5 1/4"	4-N	25'-3 1/4"	G-N	23'-1 3/4"	H-N	28'-11 1/2"
1-O	34'-5 1/4"	2-O	38'-7 1/4"	3-O	24'-4"	4-O	17'	G-O		H-O	



This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

22' x 36' Right Mountain Pond w/ Nexus Stair

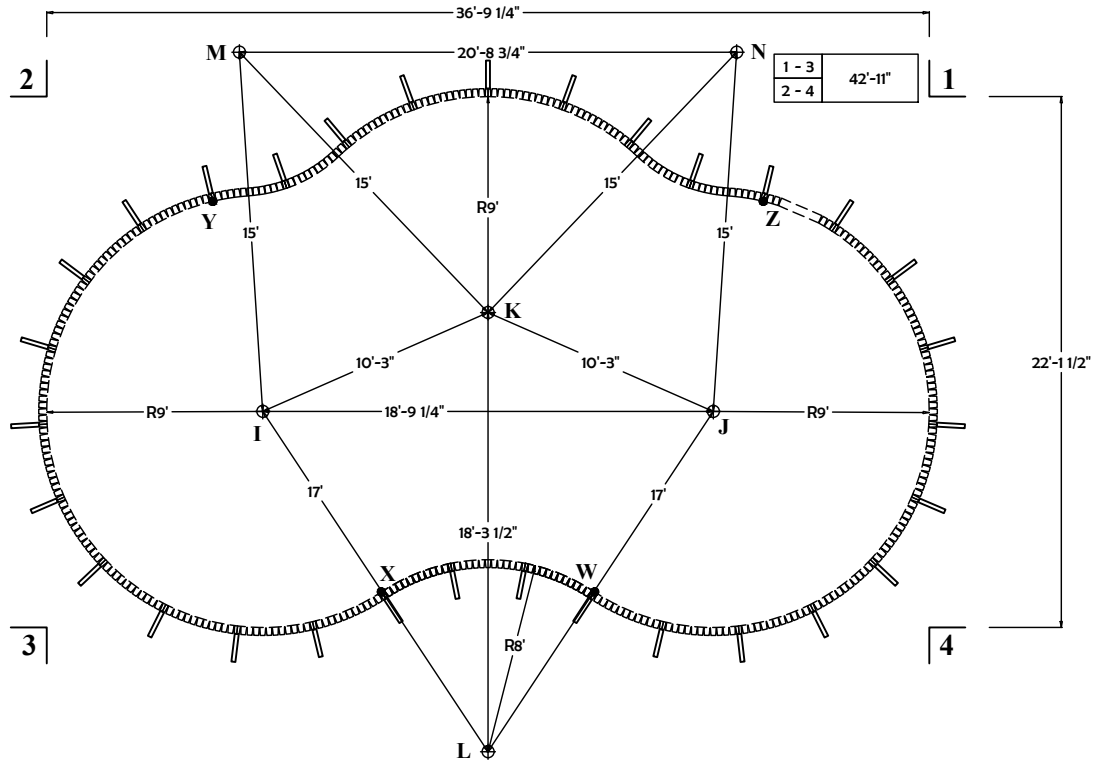
Perimeter	97'-4 1/4" / 29.67 m
Surface Area	612.02 SF / 56.86 m ²
Volume	20600 gal / 78000 L
Liner Sq. Ft.	662.00 SF

page
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Nexus Stair

ITEM #	PART DESCRIPTION	
42115	VERSA-FLEX PANEL	30
42116S	VERSA-FLEX SKIMMER PANEL	1
86165S	8'RR STRAP SET	3
86158S	9'R STRAP SET	24
94907S	9'R TO 6'RR STRAP SET	1
94908S	6'RR TO 9'R STRAP SET	1
94909S	9'R TO 6'RR STRAP SET	1
94910S	6'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	806
42146	BRACE SYSTEM COMPLETE	31
NSS004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	30'-8 1/2"	2 - I	15'-11"	3 - I	12'-8 3/4"	4 - I	29'-2 1/4"
1 - J	15'-11"	2 - J	30'-8 1/2"	3 - J	29'-2 1/4"	4 - J	12'-8 3/4"
1 - K	20'-5 3/4"	2 - K	20'-5 3/4"	3 - K	22'-7"	4 - K	22'-7"
1 - L	32'-11"	2 - L	32'-11"	3 - L	19'-1 1/4"	4 - L	19'-1 1/4"
1 - M	28'-9 3/4"	2 - M	8'-2 3/4"	3 - M	25'-3 1/4"	4 - M	37'-5 1/4"
1 - N	8'-2 3/4"	2 - N	28'-9 3/4"	3 - N	37'-5"	4 - N	25'-3 1/4"
1 - W	24'-11"	2 - W	30'-9 1/4"	3 - W	22'-10 1/2"	4 - W	14'-0 1/4"
1 - X	30'-9 1/4"	2 - X	24'-11"	3 - X	14'-0 1/4"	4 - X	22'-10 1/2"
1 - Y	30'-2"	2 - Y	8'-2 1/4"	3 - Y	19'-0 3/4"	4 - Y	34'-8 3/4"
1 - Z	8'-2 1/4"	2 - Z	30'-2"	3 - Z	34'-8 3/4"	4 - Z	19'-0 3/4"



This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

4'
4'

22' x 36' Right Mountain Pond w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m
Surface Area	612.02 SF / 56.86 m ²
Volume	20600 gal / 78000 L
Liner Sq. Ft.	662.00 SF

page
3 of 3

Nexus Stair

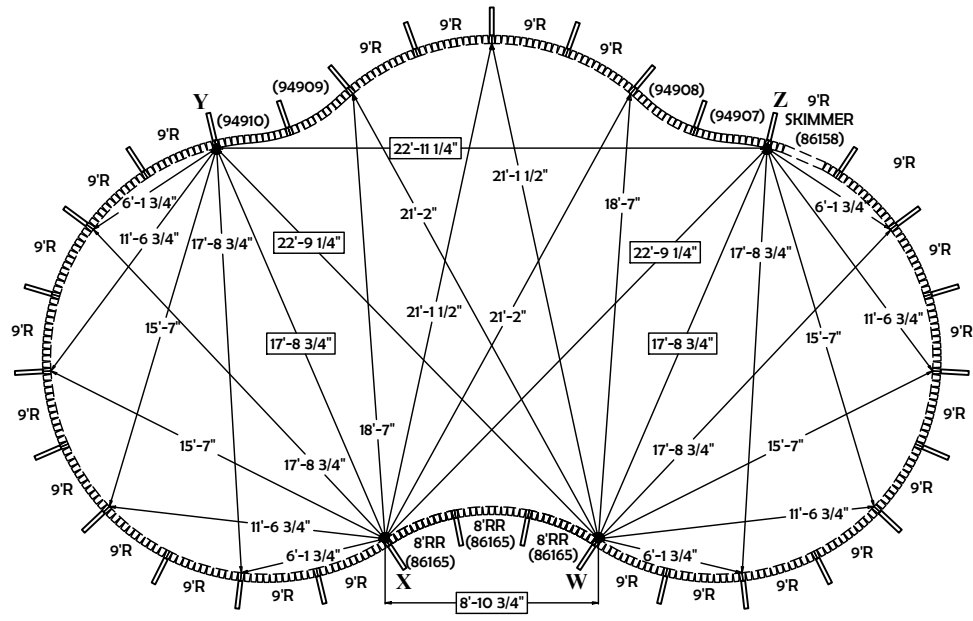
ITEM #	PART DESCRIPTION	QTY
42115	VERSA-FLEX PANEL	30
421165	VERSA-FLEX SKIMMER PANEL	1
861655	8'RR STRAP SET	3
861585	9'R STRAP SET	24
949075	9'R TO 6'RR STRAP SET	1
949085	6'RR TO 9'R STRAP SET	1
949095	9'R TO 6'RR STRAP SET	1
949105	6'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	806
42146	BRACE SYSTEM COMPLETE	31
NSS004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APSP/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSP/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



22' x 36' Left Mountain Pond w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page 1 of 3
Surface Area	612.02 SF / 56.86 m ²	
Volume	20600 gal / 78000 L	
Liner Sq. Ft.	662.00 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42115	VERSA-FLEX PANEL	30
42116S	VERSA-FLEX SKIMMER PANEL	1
86165S	8'RR STRAP SET	3
86158S	9'R STRAP SET	24
94907S	9'R TO 6'RR STRAP SET	1
94908S	6'RR TO 9'R STRAP SET	1
94909S	9'R TO 6'RR STRAP SET	1
94910S	6'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	806
42146	BRACE SYSTEM COMPLETE	31
NSS004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

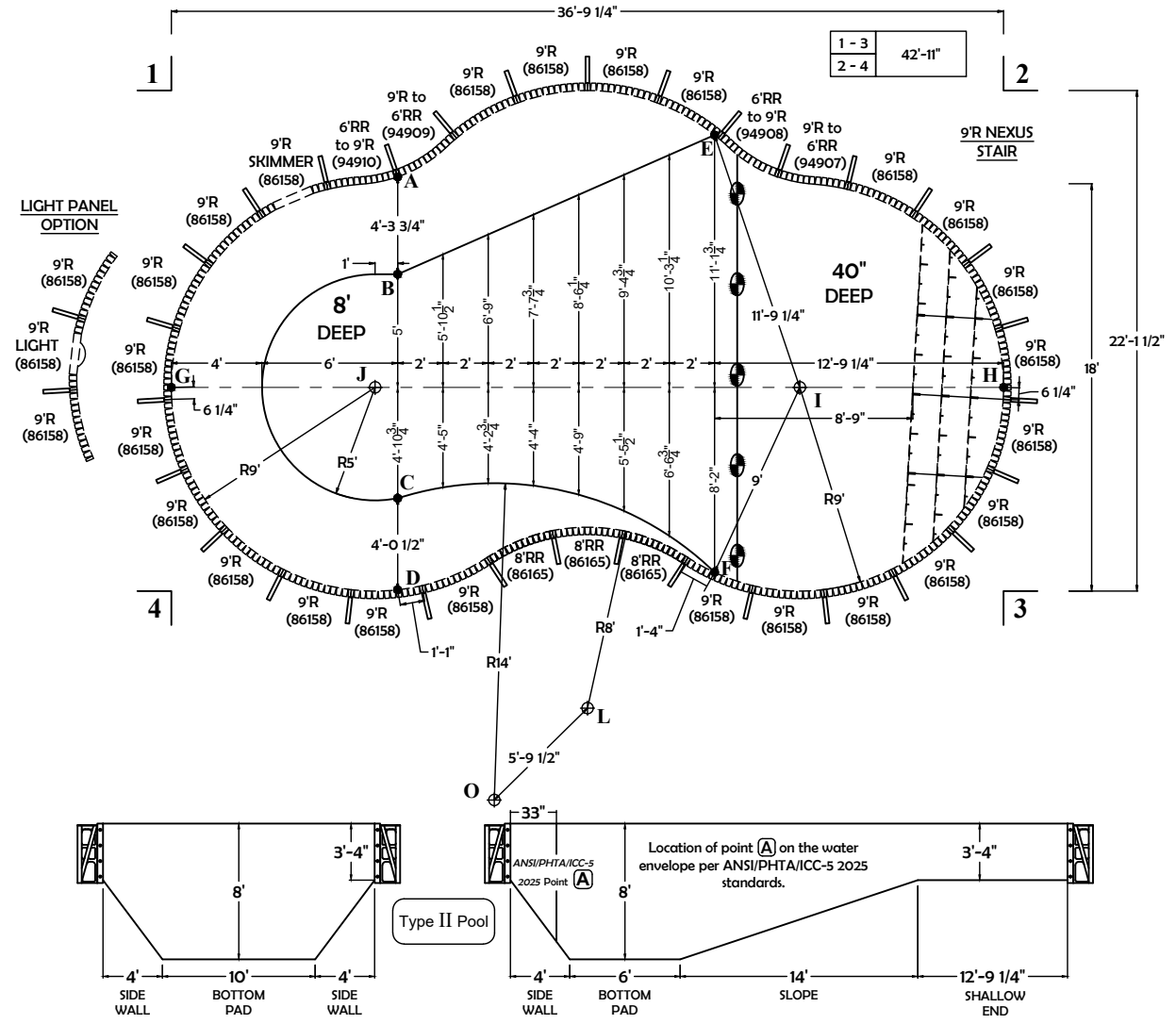
1 - A	10'-8 1/2"	2 - A	27'-0 1/2"	3 - A	32'-5 1/4"	4 - A	20'-10 1/4"	G - A	13'-8"	H - A	28'-4"
1 - B	12'-10 1/2"	2 - B	27'-11 3/4"	3 - B	30'-2 1/2"	4 - B	17'-2 1/2"	G - B	11'-2 1/4"	H - B	27'-2 3/4"
1 - C	20'-7 1/4"	2 - C	32'-3 1/4"	3 - C	27'-1"	4 - C	10'-9 3/4"	G - C	11'-1 3/4"	H - C	27'-2 1/2"
1 - D	24'-2 3/4"	2 - D	34'-8 1/4"	3 - D	26'-9 1/4"	4 - D	10'	G - D	13'-5"	H - D	28'-2 3/4"
1 - E	24'-1"	2 - E	12'-11"	3 - E	23'-10 1/4"	4 - E	31'-4"	G - E	26'-5 1/2"	H - E	16'-11 1/2"
1 - F	32'-1"	2 - F	24'-10"	3 - F	12'-9 1/2"	4 - F	24'-0 1/4"	G - F	25'-4 1/4"	H - F	15'-2"
1 - G	13'-1 1/2"	2 - G	39'-0 1/2"	3 - G	37'-10 1/4"	4 - G	9'	G - G	36'-9 1/4"	H - G	36'-9 1/4"
1 - H	39'-0 1/2"	2 - H	13'-1 1/2"	3 - H	9'	4 - H	37'-10 1/4"	G - H	27'-9 1/4"	H - H	9'
1 - I	30'-8 1/2"	2 - I	15'-11"	3 - I	12'-8 3/4"	4 - I	29'-2 1/4"	G - I	9'	H - I	27'-9 1/4"
1 - J	15'-11"	2 - J	30'-8 1/2"	3 - J	29'-2 1/4"	4 - J	12'-8 3/4"	G - J	18'-10"	H - J	18'-10"
1 - K	20'-5 3/4"	2 - K	20'-5 3/4"	3 - K	22'-7"	4 - K	22'-7"	G - K	23'-2 1/2"	H - K	23'-2 1/2"
1 - L	32'-11"	2 - L	32'-11"	3 - L	19'-1 1/4"	4 - L	19'-1 1/4"	G - L	33'-5"	H - L	16'-11 3/4"
1 - M	28'-9 3/4"	2 - M	8'-2 3/4"	3 - M	25'-3 1/4"	4 - M	37'-5 1/4"	G - M	16'-11 3/4"	H - M	32'-5"
1 - N	8'-2 3/4"	2 - N	28'-9 3/4"	3 - N	37'-5 1/4"	4 - N	25'-3 1/4"	G - N	23'-1 3/4"	H - N	28'-11 1/2"
1 - O	34'-5 1/4"	2 - O	38'-7 1/4"	3 - O	24'-4"	4 - O	17'	G - O		H - O	

This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

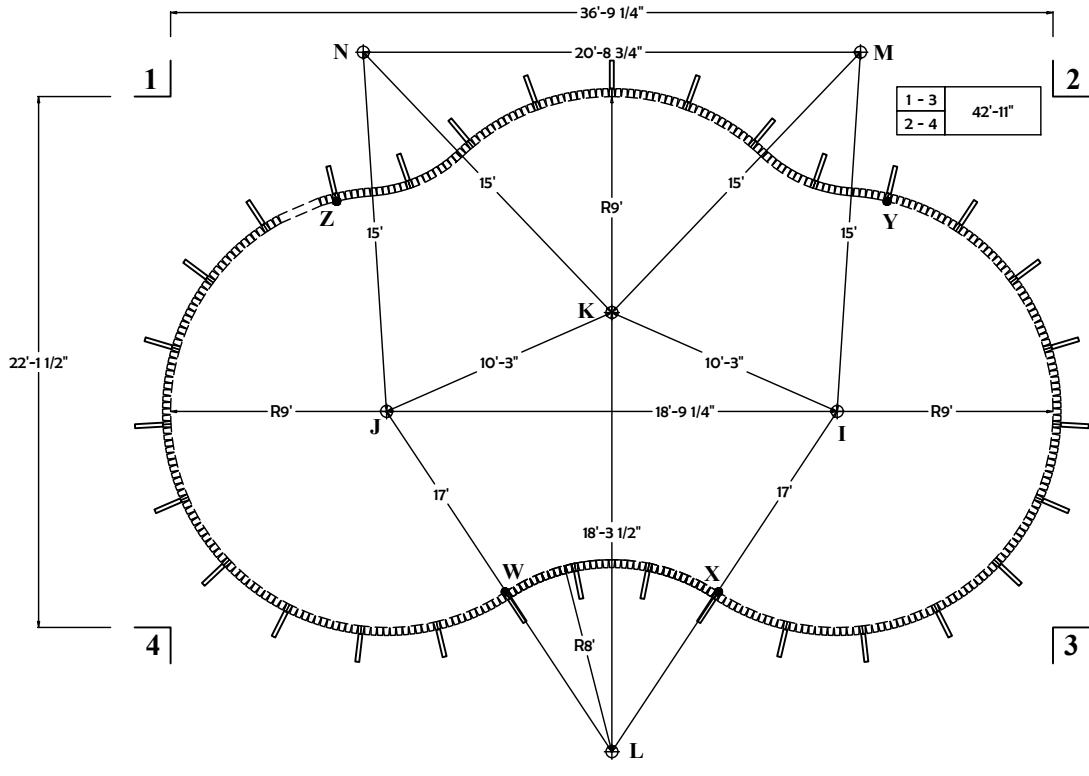


22' x 36' Left Mountain Pond w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page 2 of 3	Nexus Stair
Surface Area	612.02 SF / 56.86 m ²		
Volume	20600 gal / 78000 L		
Liner Sq. Ft.	662.00 SF		

ITEM #	PART DESCRIPTION	
42115	VERSA-FLEX PANEL	30
42116S	VERSA-FLEX SKIMMER PANEL	1
86165S	8'RR STRAP SET	3
86158S	9'R STRAP SET	24
94907S	9'R TO 6'RR STRAP SET	1
94908S	6'RR TO 9'R STRAP SET	1
94909S	9'R TO 6'RR STRAP SET	1
94910S	6'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	806
42146	BRACE SYSTEM COMPLETE	31
NSS004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	30'-8 1/2"	2 - I	15'-11"	3 - I	12'-8 3/4"	4 - I	29'-2 1/4"
1 - J	15'-11"	2 - J	30'-8 1/2"	3 - J	29'-2 1/4"	4 - J	12'-8 3/4"
1 - K	20'-5 3/4"	2 - K	20'-5 3/4"	3 - K	22'-7"	4 - K	22'-7"
1 - L	32'-11"	2 - L	32'-11"	3 - L	19'-1 1/4"	4 - L	19'-1 1/4"
1 - M	28'-9 3/4"	2 - M	8'-2 3/4"	3 - M	25'-3 1/4"	4 - M	37'-5 1/4"
1 - N	8'-2 3/4"	2 - N	28'-9 3/4"	3 - N	37'-5"	4 - N	25'-3 1/4"
1 - W	24'-11"	2 - W	30'-9 1/4"	3 - W	22'-10 1/2"	4 - W	14'-0 1/4"
1 - X	30'-9 1/4"	2 - X	24'-11"	3 - X	14'-0 1/4"	4 - X	22'-10 1/2"
1 - Y	30'-2"	2 - Y	8'-2 1/4"	3 - Y	19'-0 3/4"	4 - Y	34'-8 3/4"
1 - Z	8'-2 1/4"	2 - Z	30'-2"	3 - Z	34'-8 3/4"	4 - Z	19'-0 3/4"



This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

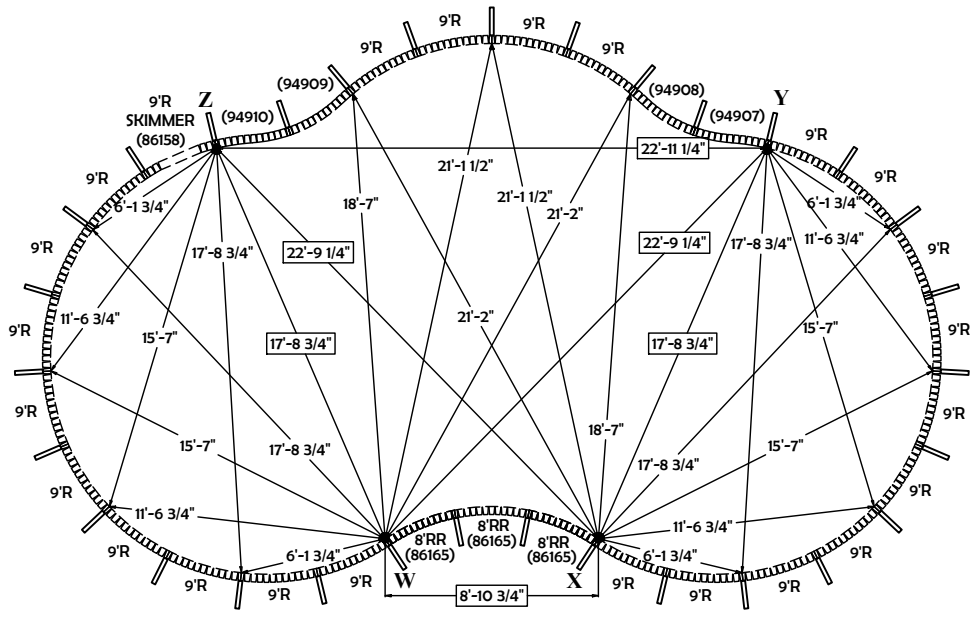
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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

22' x 36' Left Mountain Pond w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page 3 of 3	Nexus Stair
Surface Area	612.02 SF / 56.86 m ²		
Volume	20600 gal / 78000 L		
Liner Sq. Ft.	662.00 SF		

ITEM #	PART DESCRIPTION	
42115	VERSA-FLEX PANEL	30
421165	VERSA-FLEX SKIMMER PANEL	1
861655	8'RR STRAP SET	3
861585	9'R STRAP SET	24
949075	9'R TO 6'RR STRAP SET	1
949085	6'RR TO 9'R STRAP SET	1
949095	9'R TO 6'RR STRAP SET	1
949105	6'RR TO 9'R STRAP SET	1
09115	PUSH NUTS	806
42146	BRACE SYSTEM COMPLETE	31
NSS004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

24' x 40' Right Mountain Pond

Perimeter	108'-6" / 33.07 m
Surface Area	753.6 SF / 70.0 m ²
Volume	25100 gal / 95000 L
Liner Sq. Ft.	811.6667 SF

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ITEM #	PART DESCRIPTION	8' Radius Step
42112	10'R RADIUS PANEL	17
42115	VERSA-FLEX PANEL	13
42116S	VERSA-FLEX SKIMMER PANEL	2
86165S	8'RR STRAP SET	2
86158S	9'R STRAP SET	5
86273S	10'R STRAP SET	2
87468S	10'R TO 4'RR STRAP SET	1
87469S	4'RR TO 10'R STRAP SET	1
87470S	4'RR TO 9'R STRAP SET	1
87471S	9'R TO 4'RR STRAP SET	1
87474S	10'R TO 8'RR STRAP SET	1
87475S	8'RR TO 10'R STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	33
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

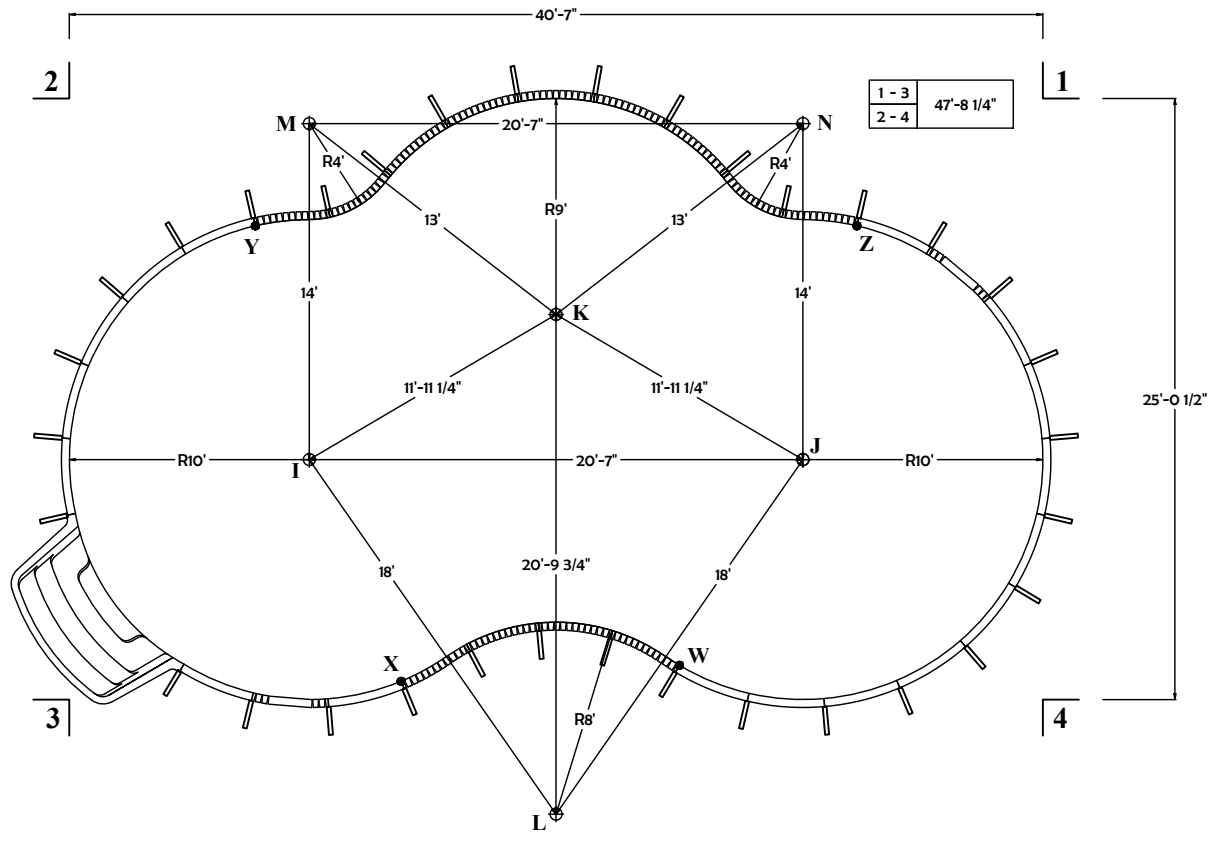
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - I	34'-1"	2 - I	18'-0 3/4"	3 - I	14'-1 3/4"	4 - I	32'-2"
1 - J	18'-0 3/4"	2 - J	34'-1"	3 - J	32'-2"	4 - J	14'-1 3/4"
1 - K	22'-2 1/4"	2 - K	22'-2 1/4"	3 - K	25'-10 1/2"	4 - K	25'-10 1/2"
1 - L	36'-0 3/4"	2 - L	36'-0 3/4"	3 - L	20'-10"	4 - L	20'-10"
1 - M	30'-7"	2 - M	10'-0 3/4"	3 - M	26'	4 - M	38'-10 1/2"
1 - N	10'-0 3/4"	2 - N	30'-7"	3 - N	38'-10 1/2"	4 - N	26'
1 - W	28'-0 3/4"	2 - W	34'-8 1/2"	3 - W	25'-5 1/2"	4 - W	15'-2 1/2"
1 - X	36'-1 1/2"	2 - X	27'-11 1/2"	3 - X	13'-10 1/4"	4 - X	26'-9"
1 - Y	33'-3"	2 - Y	9'-4 3/4"	3 - Y	21'-2 1/2"	4 - Y	38'-3 1/2"
1 - Z	9'-4 3/4"	2 - Z	33'-3"	3 - Z	38'-3 1/2"	4 - Z	21'-2 1/2"



4'
4'

24' x 40' Right Mountain Pond

Perimeter	108'-6" / 33.07 m
Surface Area	753.6 SF / 70.0 m ²
Volume	25100 gal / 95000 L
Liner Sq. Ft.	811.6667 SF

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8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42112	10'R RADIUS PANEL	17
42115	VERSA-FLEX PANEL	13
42116S	VERSA-FLEX SKIMMER PANEL	2
86165S	8'RR STRAP SET	2
86158S	9'R STRAP SET	5
86273S	10'R STRAP SET	2
87468S	10'R TO 4'RR STRAP SET	1
87469S	4'RR TO 10'R STRAP SET	1
87470S	4'RR TO 9'R STRAP SET	1
87471S	9'R TO 4'RR STRAP SET	1
87474S	10'R TO 8'RR STRAP SET	1
87475S	8'RR TO 10'R STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	33
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

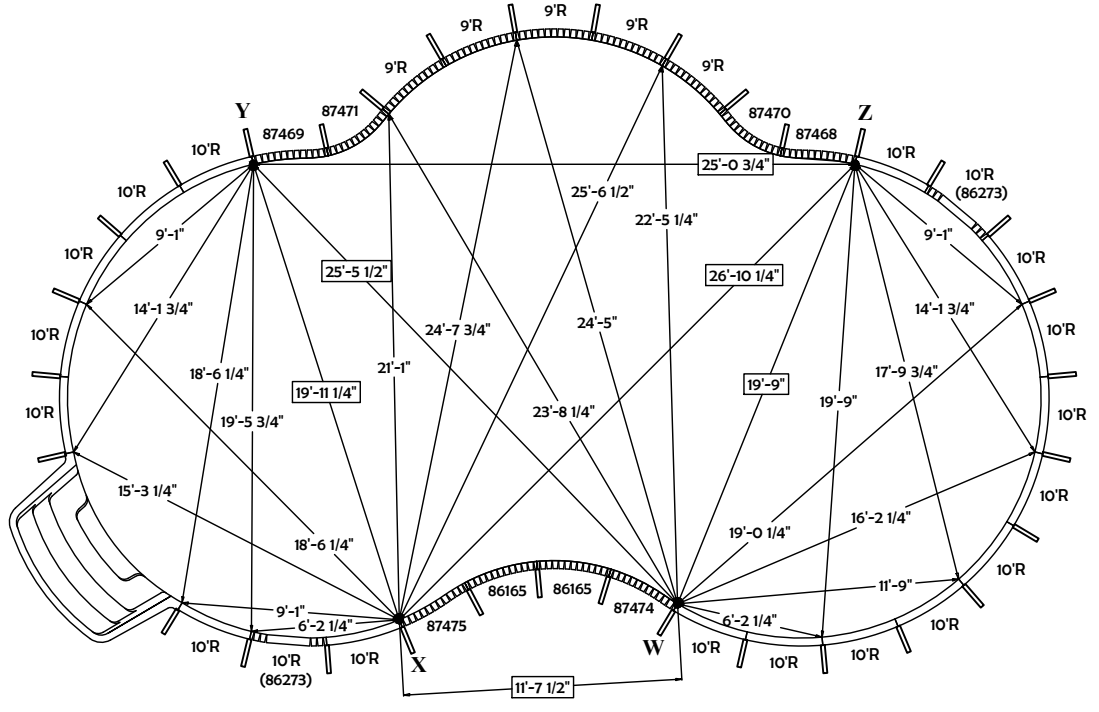
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



24' x 40' Left Mountain Pond

Perimeter	108'-6" / 33.07 m	page 1 of 3
Surface Area	753.6 SF / 70.0 m ²	
Volume	25100 gal / 95000 L	
Liner Sq. Ft.	811.6667 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42112	10'R RADIUS PANEL	17
42115	VERSA-FLEX PANEL	13
42116S	VERSA-FLEX SKIMMER PANEL	2
86165S	8'RR STRAP SET	2
86158S	9'R STRAP SET	5
86273S	10'R STRAP SET	2
87468S	10'R TO 4'RR STRAP SET	1
87469S	4'RR TO 10'R STRAP SET	1
87470S	4'RR TO 9'R STRAP SET	1
87471S	9'R TO 4'RR STRAP SET	1
87474S	10'R TO 8'RR STRAP SET	1
87475S	8'RR TO 10'R STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	33
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	
* - Use Bolts at Step Connection		

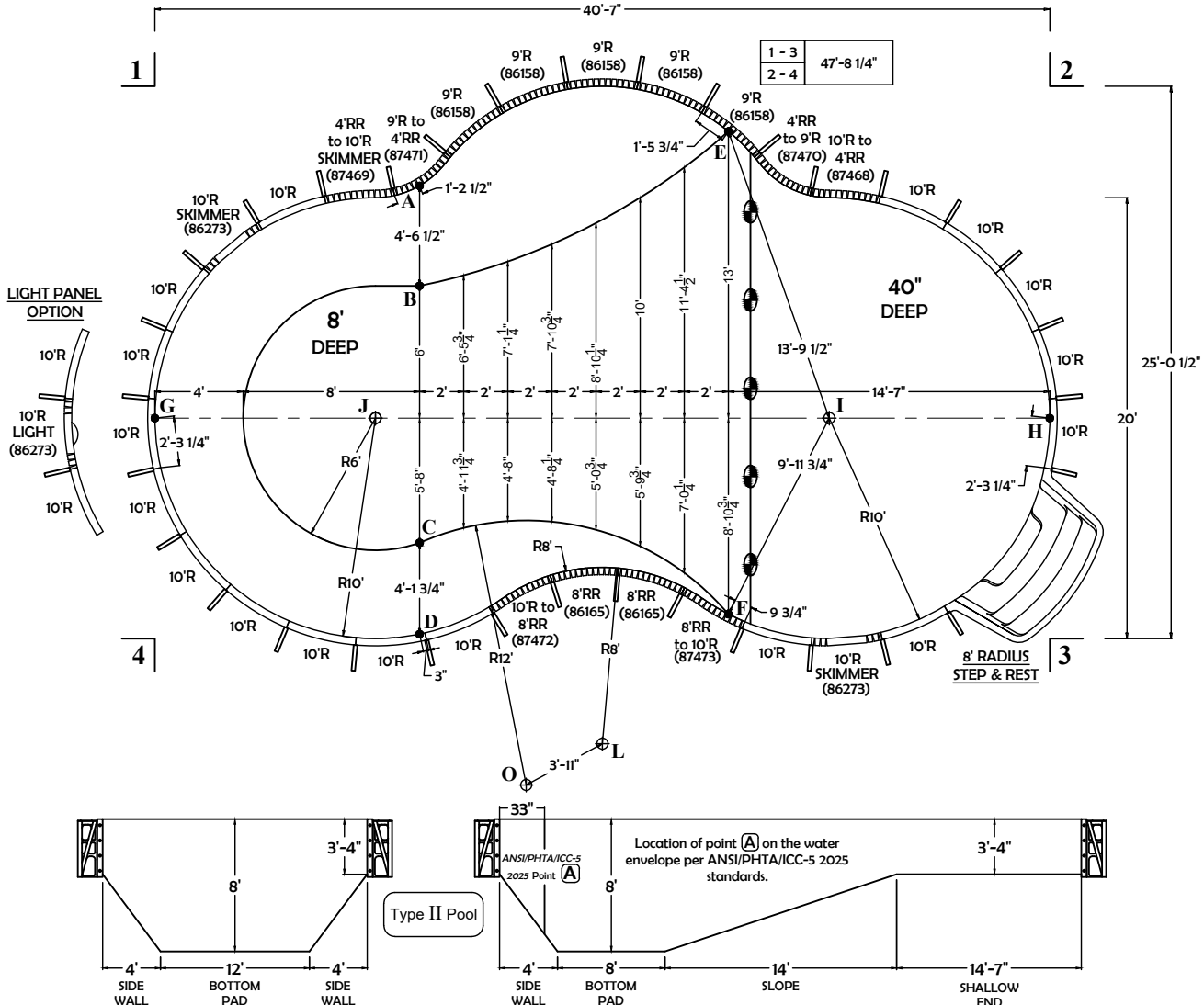
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- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - A	12'-9 3/4"	2 - A	28'-11 1/4"	3 - A	35'-2 1/4"	4 - A	23'-9 1/2"	G - A	15'-11 3/4"	H - A	30'-5 1/2"
1 - B	15'-0 1/4"	2 - B	29'-11 3/4"	3 - B	32'-9"	4 - B	20'	G - B	13'-5"	H - B	29'-2 1/4"
1 - C	23'-11 1/4"	2 - C	35'-3 1/2"	3 - C	28'-10 3/4"	4 - C	12'-9 1/4"	G - C	13'-3 1/4"	H - C	29'-1 1/2"
1 - D	27'-7 1/4"	2 - D	37'-10 1/2"	3 - D	28'-7"	4 - D	12'	G - D	15'-6"	H - D	30'-2 1/2"
1 - E	26'-1"	2 - E	14'-8 1/2"	3 - E	27'-2 3/4"	4 - E	34'-8 1/2"	G - E	29'-0 3/4"	H - E	19'-6 1/2"
1 - F	35'-4 1/4"	2 - F	28'-0 1/4"	3 - F	14'-7 1/2"	4 - F	26'-0 1/4"	G - F	27'-5 3/4"	H - F	17'-0 3/4"
1 - G	15'-0 1/2"	2 - G	43'-3 1/4"	3 - G	41'-9 1/2"	4 - G	10'	G - G	40'-7"	H - G	40'-7"
1 - H	43'-3 1/4"	2 - H	15'-0 1/2"	3 - H	10'	4 - H	41'-9 1/2"	G - I	30'-7"	H - I	10'
1 - I	34'-1"	2 - I	18'-0 3/4"	3 - I	14'-1 3/4"	4 - I	32'-2"	G - J	10'	H - J	30'-6 3/4"
1 - J	18'-0 3/4"	2 - J	34'-1"	3 - J	32'-2"	4 - J	14'-1 3/4"	G - K	21'-2"	H - K	21'-2"
1 - K	22'-2 1/4"	2 - K	22'-2 1/4"	3 - K	25'-10 1/2"	4 - K	25'-10 1/2"	G - L	25'-1 1/4"	H - L	25'-1 1/4"
1 - L	36'-0 3/4"	2 - L	36'-0 3/4"	3 - L	20'-10"	4 - L	20'-10"	G - M	33'-7 1/2"	H - M	17'-2 1/2"
1 - M	30'-7"	2 - M	10'-0 3/4"	3 - M	26'	4 - M	38'-10 1/2"	G - N	17'-2 1/2"	H - N	33'-7 1/2"
1 - N	10'-0 3/4"	2 - N	30'-7"	3 - N	38'-10 1/2"	4 - N	26'	G - O	23'-8"	H - O	28'-11 3/4"
1 - O	35'-10 1/2"	2 - O	39'-7 1/4"	3 - O	24'-7 3/4"	4 - O	18'-1 1/4"				



24' x 40' Left Mountain Pond

Perimeter	108'-6" / 33.07 m
Surface Area	753.6 SF / 70.0 m ²
Volume	25100 gal / 95000 L
Liner Sq. Ft.	811.6667 SF

page
2 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
42112	10'R RADIUS PANEL	17
42115	VERSA-FLEX PANEL	13
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86165S	8'RR STRAP SET	2
86158S	9'R STRAP SET	5
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87469S	4'RR TO 10'R STRAP SET	1
87470S	4'RR TO 9'R STRAP SET	1
87471S	9'R TO 4'RR STRAP SET	1
87474S	10'R TO 8'RR STRAP SET	1
87475S	8'RR TO 10'R STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	33
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12
149664	3/8"-16 HEX WASHER HEAD NUT	12
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

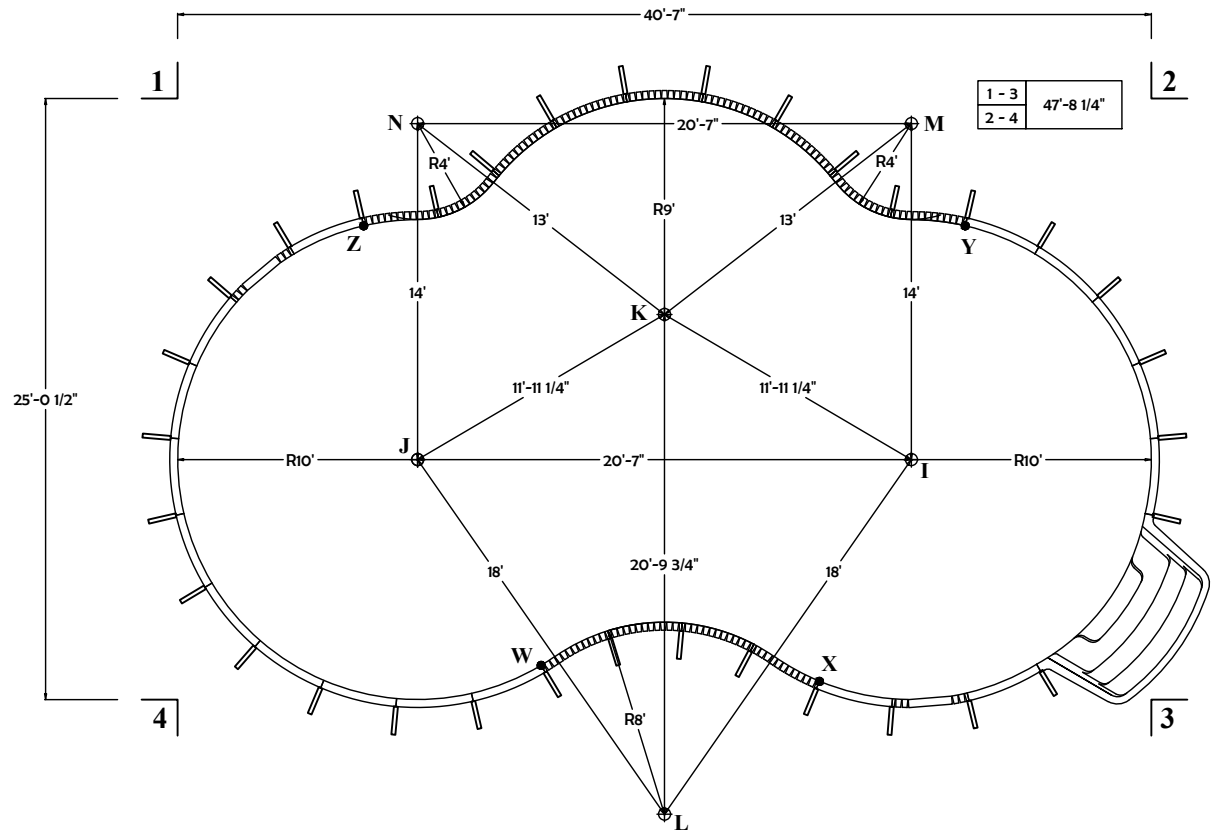
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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - I	34'-1"	2 - I	18'-0 3/4"	3 - I	14'-1 3/4"	4 - I	32'-2"
1 - J	18'-0 3/4"	2 - J	34'-1"	3 - J	32'-2"	4 - J	14'-1 3/4"
1 - K	22'-2 1/4"	2 - K	22'-2 1/4"	3 - K	25'-10 1/2"	4 - K	25'-10 1/2"
1 - L	36'-0 3/4"	2 - L	36'-0 3/4"	3 - L	20'-10"	4 - L	20'-10"
1 - M	30'-7"	2 - M	10'-0 3/4"	3 - M	26'	4 - M	38'-10 1/2"
1 - N	10'-0 3/4"	2 - N	30'-7"	3 - N	38'-10 1/2"	4 - N	26'
1 - W	28'-0 3/4"	2 - W	34'-8 1/2"	3 - W	25'-5 1/2"	4 - W	15'-2 1/2"
1 - X	36'-1 1/2"	2 - X	27'-11 1/2"	3 - X	13'-10 1/4"	4 - X	26'-9"
1 - Y	33'-3"	2 - Y	9'-4 3/4"	3 - Y	21'-2 1/2"	4 - Y	38'-3 1/2"
1 - Z	9'-4 3/4"	2 - Z	33'-3"	3 - Z	38'-3 1/2"	4 - Z	21'-2 1/2"



4'
4'

24' x 40' Right Mountain Pond w/ Nexus Stair

Perimeter	106'-9 1/2" / 32.54 m	page 1 of 3
Surface Area	745.70 SF / 69.28 m ²	
Volume	25500 gal / 96500 L	
Liner Sq. Ft.	808.50 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42115	VERSA-FLEX PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	2
42112	10'R RADIUS PANEL	24
86273S	10'R STRAP SET	2
86166S	10'RR STRAP SET	2
91882S	10'R TO 8'RR STRAP SET	1
91883S	8'RR TO 10'R STRAP SET	1
91884S	10'R TO 8'RR STRAP SET	1
91885S	8'RR TO 10'R STRAP SET	1
91886S	10'R TO 10'RR STRAP SET	1
91887S	10'RR TO 10'R STRAP SET	1
09115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	34
N55005	10' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

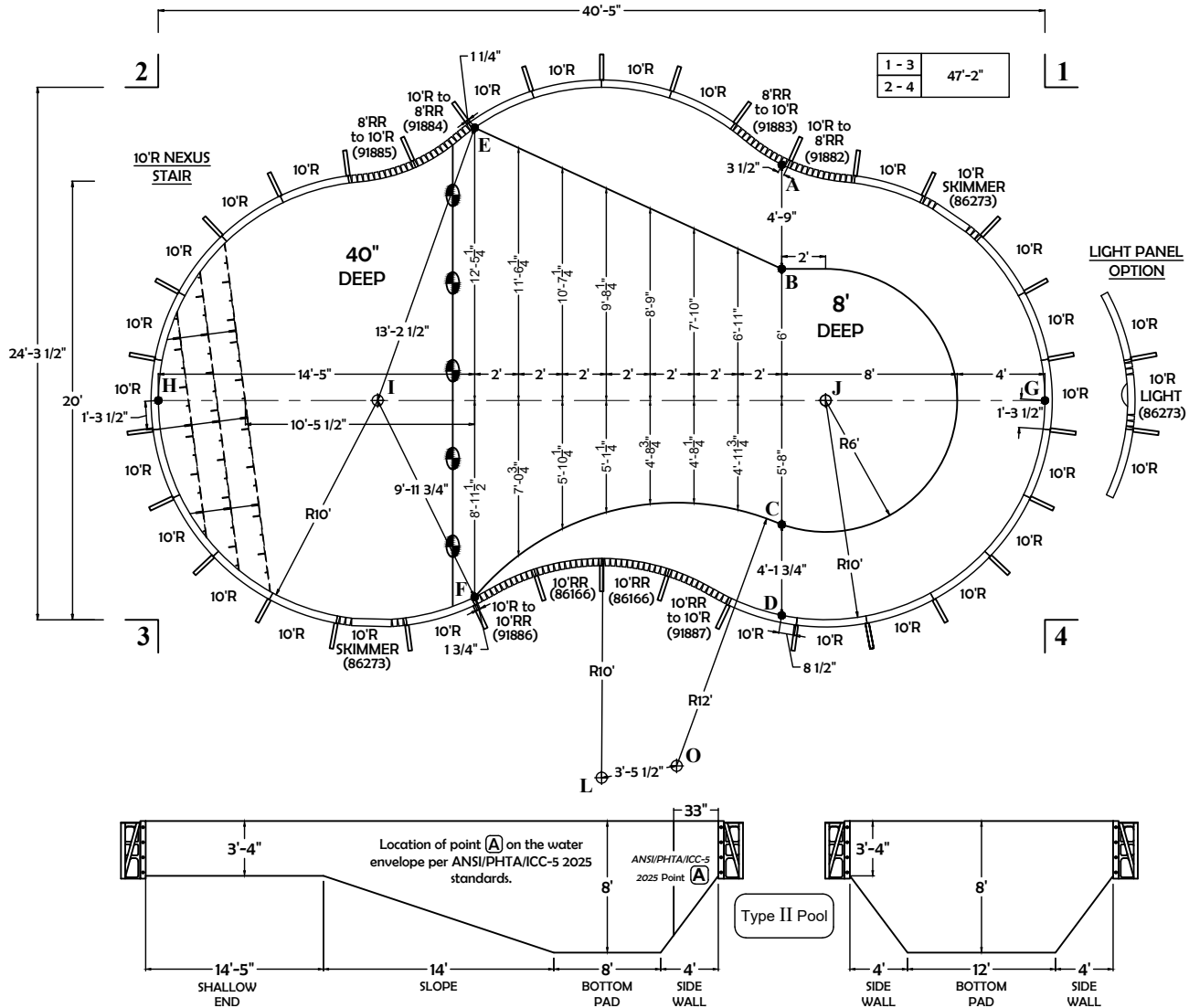
1 - A	12'-6"	2 - A	28'-7 3/4"	3 - A	35'-2 1/4"	4 - A	23'-11 3/4"	G - A	16'-1 1/4"	H - A	30'-4 3/4"
1 - B	14'-7"	2 - B	29'-7 1/4"	3 - B	32'-7 1/2"	4 - B	20"	G - B	13'-5"	H - B	29'-0 1/2"
1 - C	23'-3 1/4"	2 - C	34'-8 3/4"	3 - C	28'-9"	4 - C	12'-9 1/4"	G - C	13'-3 1/4"	H - C	28'-11 3/4"
1 - D	26'-10 3/4"	2 - D	37'-3"	3 - D	28'-5"	4 - D	12"	G - D	15'-6"	H - D	30'-0 3/4"
1 - E	26'-0 3/4"	2 - E	14'-6 1/2"	3 - E	26'-8"	4 - E	34'-4"	G - E	28'-9 3/4"	H - E	19'-0 1/2"
1 - F	34'-10 1/2"	2 - F	27'-4 1/4"	3 - F	14'-5 1/2"	4 - F	26'-0 1/4"	G - F	27'-6"	H - F	16'-11 3/4"
1 - G	14'-3 1/2"	2 - G	42'-10 1/2"	3 - G	41'-7 3/4"	4 - G	10"	G - G	40'-5"	H - G	40'-5"
1 - H	42'-10 1/2"	2 - H	14'-3 1/2"	3 - H	10"	4 - H	41'-7 3/4"	G - H	30'-5"	H - H	10"
1 - I	33'-7 1/4"	2 - I	17'-5 1/4"	3 - I	14'-1 3/4"	4 - I	32'-0 1/4"	G - I	10"	H - I	30'-5"
1 - J	17'-5 1/4"	2 - J	33'-7 1/4"	3 - J	32'-0 1/4"	4 - J	14'-1 3/4"	G - K	20'-8"	H - K	20'-8"
1 - K	22'-6 1/2"	2 - K	22'-6 1/2"	3 - K	24'-9"	4 - K	24'-9"	G - L	26'-6 1/2"	H - L	26'-6 1/2"
1 - L	37'-5"	2 - L	37'-5"	3 - L	21'-5 1/2"	4 - L	21'-5 1/2"	G - M	36'-7 1/2"	H - M	19'-10"
1 - M	32'-1 3/4"	2 - M	9'-2 3/4"	3 - M	29'-2 1/4"	4 - M	42'-5 1/4"	G - N	19'-10"	H - N	36'-7 1/2"
1 - N	9'-2 3/4"	2 - N	32'-1 3/4"	3 - N	42'-5 1/4"	4 - N	29'-2 1/4"	G - O	23'-7 3/4"	H - O	28'-11"
1 - O	35'-2 1/2"	2 - O	38'-11 1/4"	3 - O	24'-6 3/4"	4 - O	18'-0 3/4"				

This configuration is only available with 10' Radius Nexus Stair.

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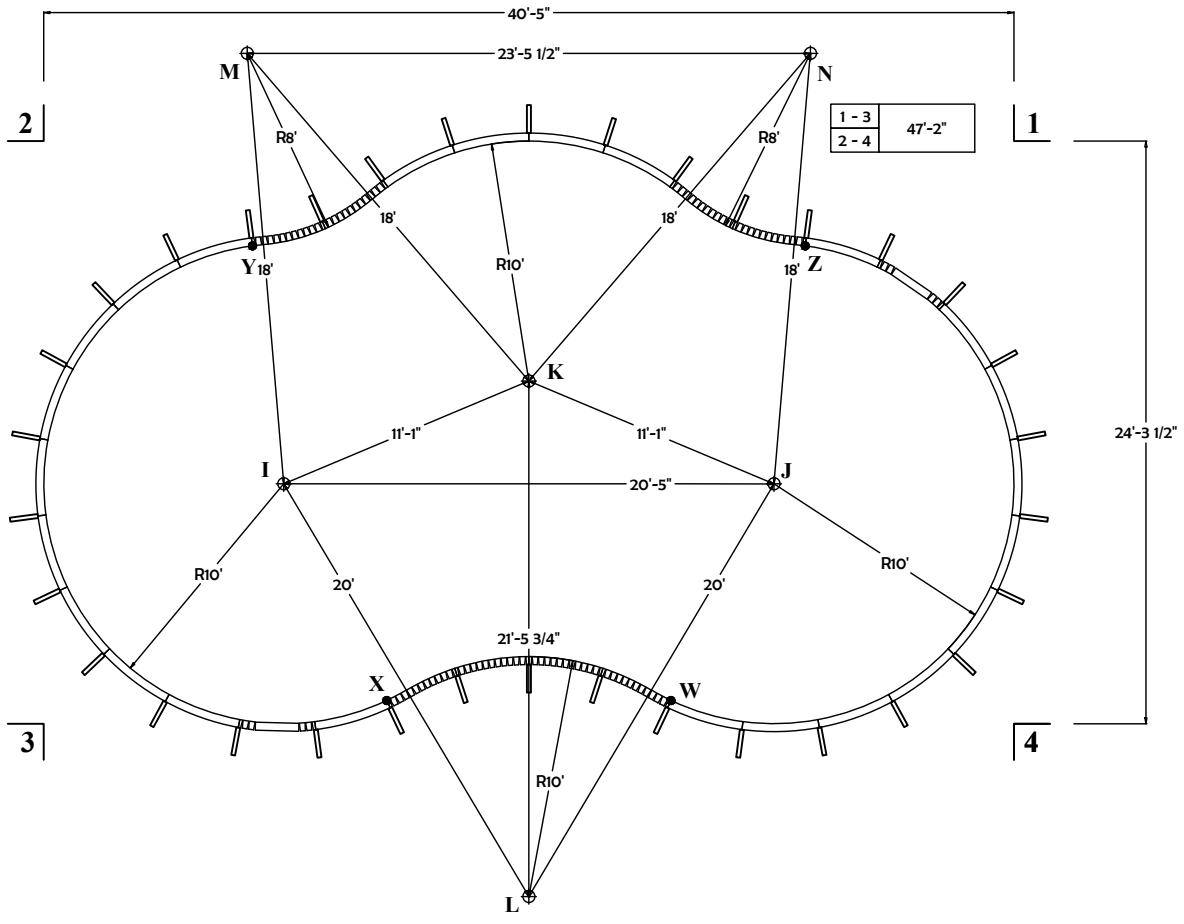


24' x 40' Right Mountain Pond w/ Nexus Stair

Perimeter	106'-9 1/2" / 32.54 m	page 2 of 3
Surface Area	745.70 SF / 69.28 m ²	
Volume	25500 gal / 96500 L	
Liner Sq. Ft.	808.50 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42115	VERSA-FLEX PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	2
42112	10'R RADIUS PANEL	24
86273S	10'R STRAP SET	2
86166S	10'RR STRAP SET	2
91882S	10'R TO 8'RR STRAP SET	1
91883S	8'RR TO 10'R STRAP SET	1
91884S	10'R TO 8'RR STRAP SET	1
91885S	8'RR TO 10'R STRAP SET	1
91886S	10'R TO 10'RR STRAP SET	1
91887S	10'RR TO 10'R STRAP SET	1
O9115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	34
N55005	10' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	33'-7 1/4"	2 - I	17'-5 1/4"	3 - I	14'-1 3/4"	4 - I	32'-0 1/4"
1 - J	17'-5 1/4"	2 - J	33'-7 1/4"	3 - J	32'-0 1/4"	4 - J	14'-1 3/4"
1 - K	22'-6 1/2"	2 - K	22'-6 1/2"	3 - K	24'-9"	4 - K	24'-9"
1 - L	37'-5"	2 - L	37'-5"	3 - L	21'-5 1/2"	4 - L	21'-5 1/2"
1 - M	32'-1 3/4"	2 - M	9'-2 3/4"	3 - M	29'-2 1/4"	4 - M	42'-5 1/4"
1 - N	9'-2 3/4"	2 - N	32'-1 3/4"	3 - N	42'-5 1/4"	4 - N	29'-2 1/4"
1 - W	27'-4 1/4"	2 - W	35'-0 1/4"	3 - W	26'-1 3/4"	4 - W	14'-4"
1 - X	35'-0 1/4"	2 - X	27'-4 1/4"	3 - X	14'-4"	4 - X	26'-1 3/4"
1 - Y	32'-0 1/4"	2 - Y	9'-8 3/4"	3 - Y	21'-8 3/4"	4 - Y	37'-5 1/2"
1 - Z	9'-8 3/4"	2 - Z	32'-0 1/4"	3 - Z	37'-5 1/2"	4 - Z	21'-8 3/4"



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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

24' x 40' Right Mountain Pond w/ Nexus Stair

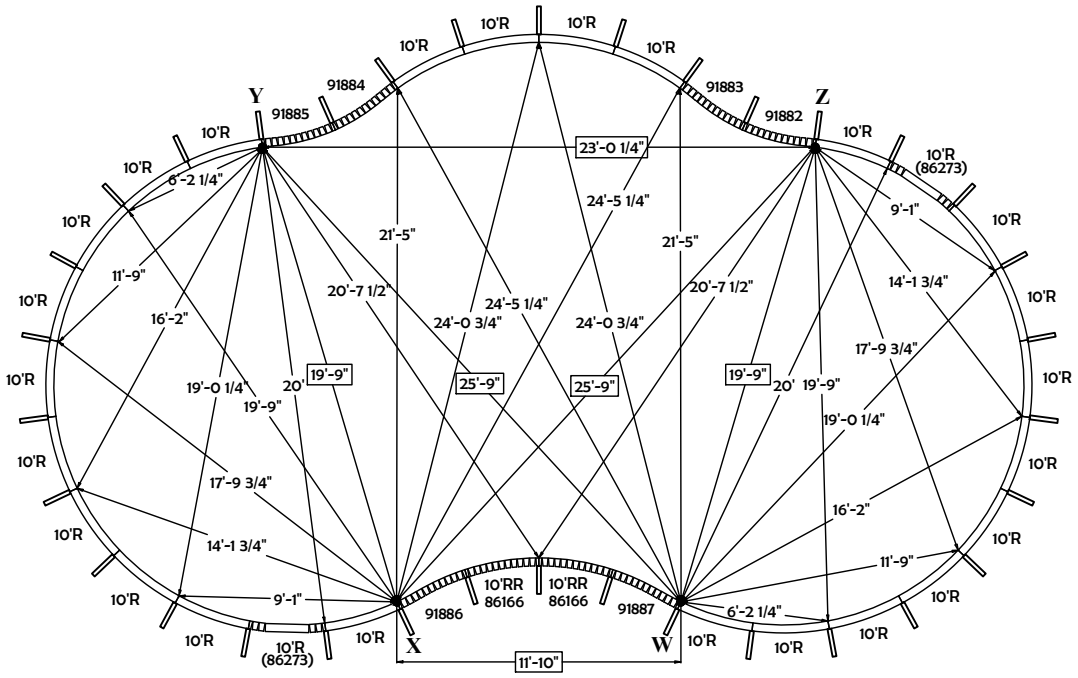


Perimeter	106'-9 1/2" / 32.54 m
Surface Area	745.70 SF / 69.28 m ²
Volume	25500 gal / 96500 L
Liner Sq. Ft.	808.50 SF

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ITEM #	PART DESCRIPTION	Nexus Stair
42115	VERSA-FLEX PANEL	8
421165	VERSA-FLEX SKIMMER PANEL	2
42112	10'R RADIUS PANEL	24
862735	10'R STRAP SET	2
861665	10'RR STRAP SET	2
918825	10'R TO 8'RR STRAP SET	1
918835	8'RR TO 10'R STRAP SET	1
918845	10'R TO 8'RR STRAP SET	1
918855	8'RR TO 10'R STRAP SET	1
918865	10'R TO 10'RR STRAP SET	1
918875	10'RR TO 10'R STRAP SET	1
09115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	34
N55005	10' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 10' Radius Nexus Stair.



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

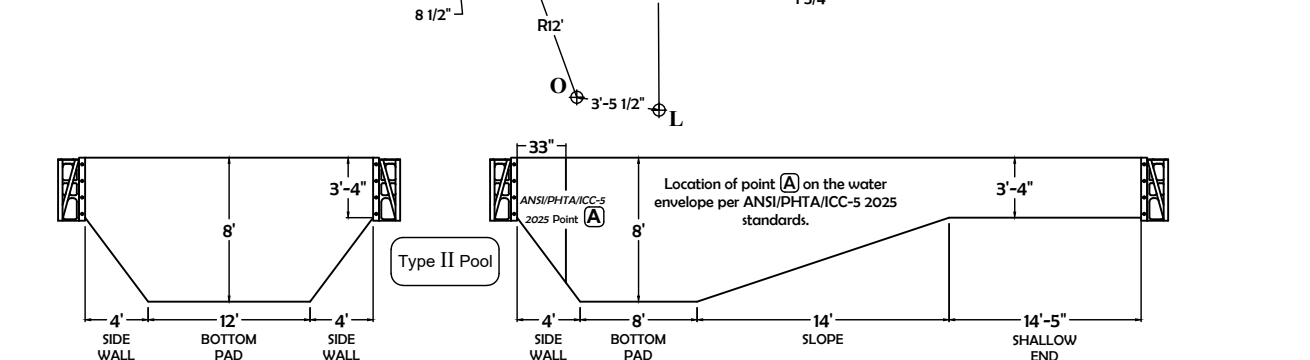
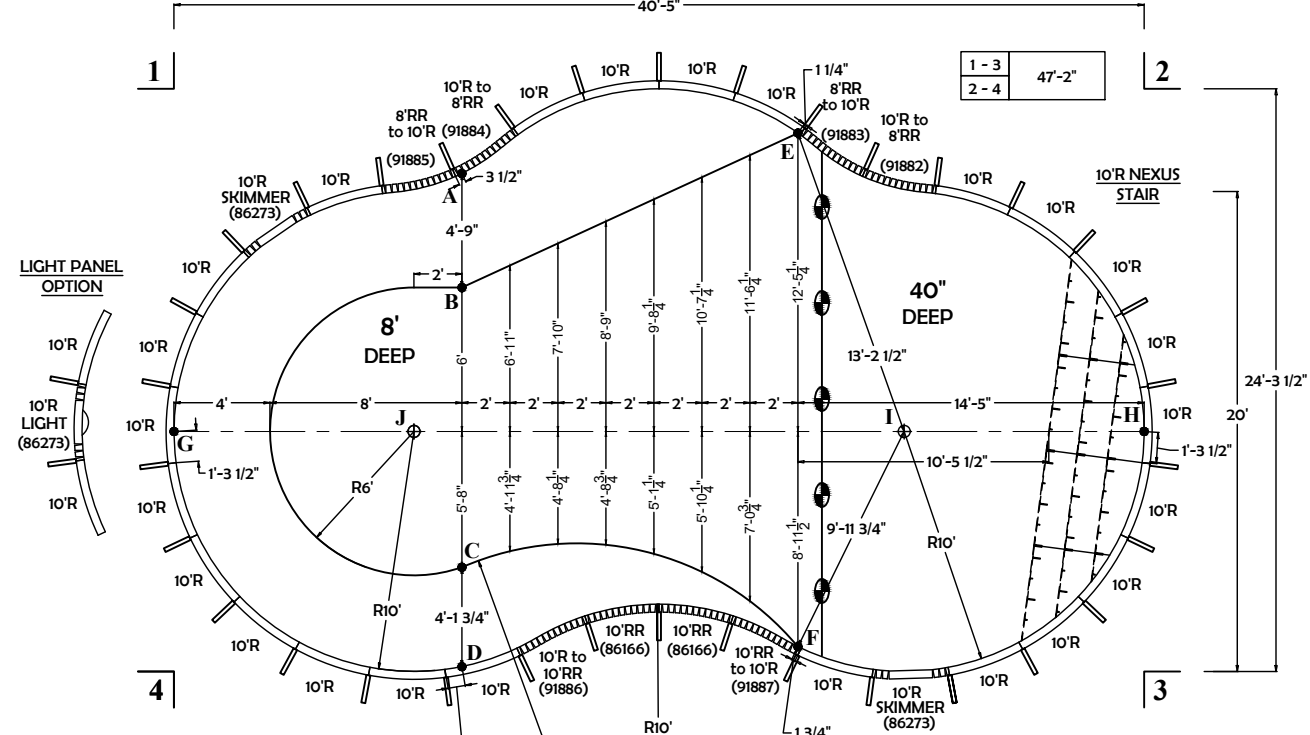
- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

24' x 40' Left Mountain Pond w/ Nexus Stair

Perimeter	106'-9 1/2" / 32.54 m	page	
Surface Area	745.70 SF / 69.28 m ²	1 of 3	
Volume	25500 gal / 96500 L		
Liner Sq. Ft.	808.50 SF		

ITEM #	PART DESCRIPTION	Nexus Stair
42115	VERSA-FLEX PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	2
42112	10'R RADIUS PANEL	24
86273S	10'R STRAP SET	2
86166S	10'RR STRAP SET	2
91882S	10'R TO 8'RR STRAP SET	1
91883S	8'RR TO 10'R STRAP SET	1
91884S	10'R TO 8'RR STRAP SET	1
91885S	8'RR TO 10'R STRAP SET	1
91886S	10'R TO 10'RR STRAP SET	1
91887S	10'RR TO 10'R STRAP SET	1
O9115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	34
N55005	10' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	12'-6"	2 - A	28'-7 3/4"	3 - A	35'-2 1/4"	4 - A	23'-11 3/4"	G - A	16'-1 1/4"	H - A	30'-4 3/4"
1 - B	14'-7"	2 - B	29'-7 1/4"	3 - B	32'-7 1/2"	4 - B	20"	G - B	13'-5"	H - B	29'-0 1/2"
1 - C	23'-3 1/4"	2 - C	34'-8 3/4"	3 - C	28'-9"	4 - C	12'-9 1/4"	G - C	13'-3 1/4"	H - C	28'-11 3/4"
1 - D	26'-10 3/4"	2 - D	37'-3"	3 - D	28'-5"	4 - D	12"	G - D	15'-6"	H - D	30'-0 3/4"
1 - E	26'-0 3/4"	2 - E	14'-6 1/2"	3 - E	26'-8"	4 - E	34'-4"	G - E	28'-9 3/4"	H - E	19'-0 1/2"
1 - F	34'-10 1/2"	2 - F	27'-4 1/4"	3 - F	14'-5 1/2"	4 - F	26'-0 1/4"	G - F	27'-6"	H - F	16'-11 3/4"
1 - G	14'-3 1/2"	2 - G	42'-10 1/2"	3 - G	41'-7 3/4"	4 - G	10'	G - H	40'-5"	H - G	40'-5"
1 - H	42'-10 1/2"	2 - H	14'-3 1/2"	3 - H	10'	4 - H	41'-7 3/4"	G - I	30'-5"	H - I	10'
1 - I	33'-7 1/4"	2 - I	17'-5 1/4"	3 - I	14'-1 3/4"	4 - I	32'-0 1/4"	G - J	10'	H - J	30'-5"
1 - J	17'-5 1/4"	2 - J	33'-7 1/4"	3 - J	32'-0 1/4"	4 - J	14'-1 3/4"	G - K	20'-8"	H - K	20'-8"
1 - K	22'-6 1/2"	2 - K	22'-6 1/2"	3 - K	24'-9"	4 - K	24'-9"	G - L	26'-6 1/2"	H - L	26'-6 1/2"
1 - L	37'-5"	2 - L	37'-5"	3 - L	21'-5 1/2"	4 - L	21'-5 1/2"	G - M	36'-7 1/2"	H - M	19'-10"
1 - M	32'-1 3/4"	2 - M	9'-2 3/4"	3 - M	29'-2 1/4"	4 - M	42'-5 1/4"	G - N	19'-10"	H - N	36'-7 1/2"
1 - N	9'-2 3/4"	2 - N	32'-1 3/4"	3 - N	42'-5 1/4"	4 - N	29'-2 1/4"	G - O	23'-7 3/4"	H - O	28'-11"
1 - O	35'-2 1/2"	2 - O	38'-11 1/4"	3 - O	24'-6 3/4"	4 - O	18'-0 3/4"				



This configuration is only available with 10' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

24' x 40' Left Mountain Pond w/ Nexus Stair

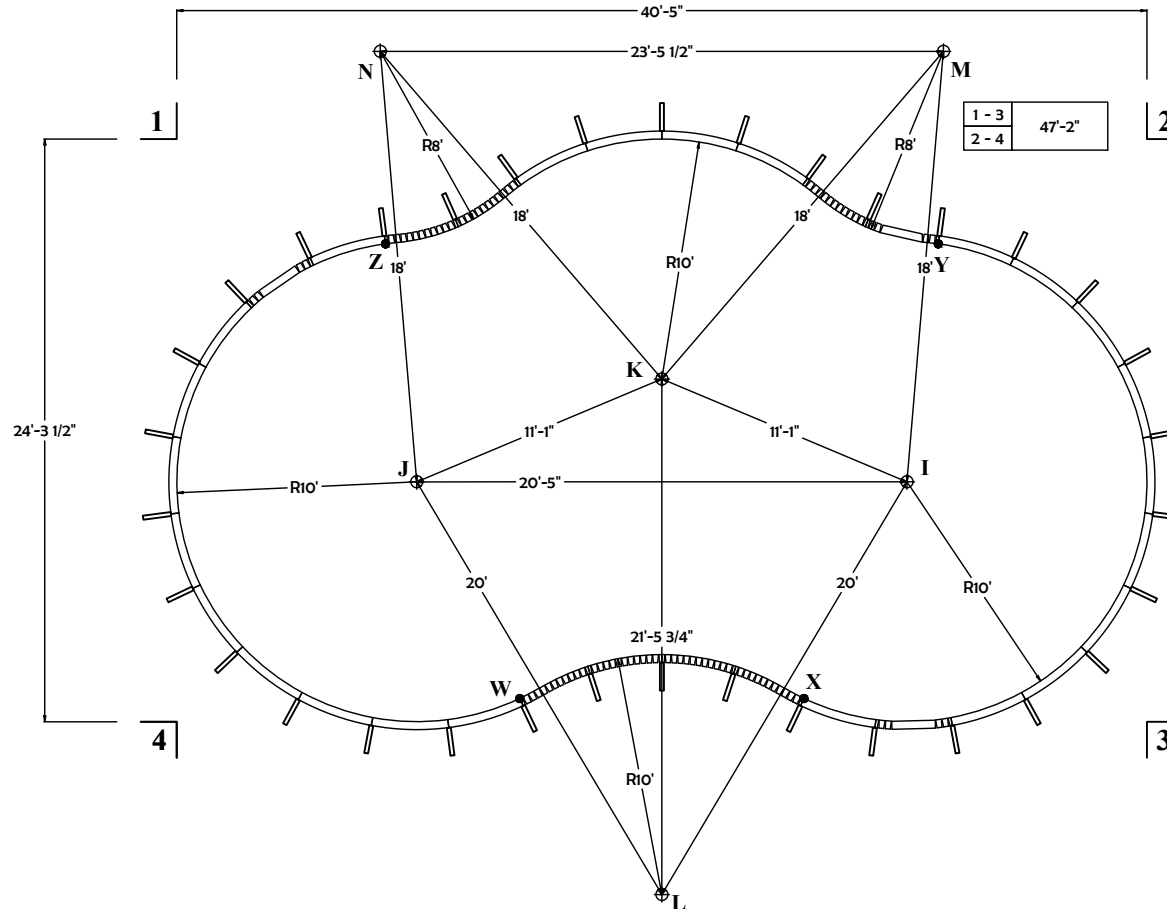
Perimeter	106'-9 1/2" / 32.54 m
Surface Area	745.70 SF / 69.28 m ²
Volume	25500 gal / 96500 L
Liner Sq. Ft.	808.50 SF

page
2 of 3

Nexus Stair

ITEM #	PART DESCRIPTION	
42115	VERSA-FLEX PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	2
42112	10'R RADIUS PANEL	24
86273S	10'R STRAP SET	2
86166S	10'RR STRAP SET	2
91882S	10'R TO 8'RR STRAP SET	1
91883S	8'RR TO 10'R STRAP SET	1
91884S	10'R TO 8'RR STRAP SET	1
91885S	8'RR TO 10'R STRAP SET	1
91886S	10'R TO 10'RR STRAP SET	1
91887S	10'RR TO 10'R STRAP SET	1
O9115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	34
N55005	10' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	33'-7 1/4"	2 - I	17'-5 1/4"	3 - I	14'-1 3/4"	4 - I	32'-0 1/4"
1 - J	17'-5 1/4"	2 - J	33'-7 1/4"	3 - J	32'-0 1/4"	4 - J	14'-1 3/4"
1 - K	22'-6 1/2"	2 - K	22'-6 1/2"	3 - K	24'-9"	4 - K	24'-9"
1 - L	37'-5"	2 - L	37'-5"	3 - L	21'-5 1/2"	4 - L	21'-5 1/2"
1 - M	32'-1 3/4"	2 - M	9'-2 3/4"	3 - M	29'-2 1/4"	4 - M	42'-5 1/4"
1 - N	9'-2 3/4"	2 - N	32'-1 3/4"	3 - N	42'-5 1/4"	4 - N	29'-2 1/4"
1 - W	27'-4 1/4"	2 - W	35'-0 1/4"	3 - W	26'-1 3/4"	4 - W	14'-4"
1 - X	35'-0 1/4"	2 - X	27'-4 1/4"	3 - X	14'-4"	4 - X	26'-1 3/4"
1 - Y	32'-0 1/4"	2 - Y	9'-8 3/4"	3 - Y	21'-8 3/4"	4 - Y	37'-5 1/2"
1 - Z	9'-8 3/4"	2 - Z	32'-0 1/4"	3 - Z	37'-5 1/2"	4 - Z	21'-8 3/4"



This configuration is only available with 10' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

24' x 40' Left Mountain Pond w/ Nexus Stair

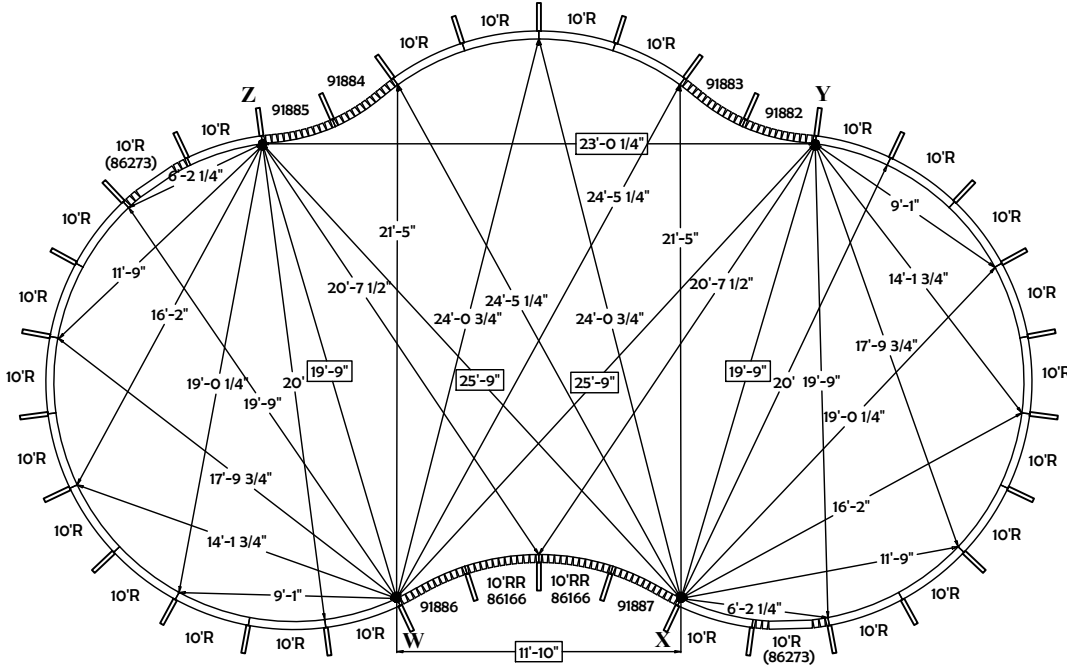
Perimeter	106'-9 1/2" / 32.54 m
Surface Area	745.70 SF / 69.28 m ²
Volume	25500 gal / 96500 L
Liner Sq. Ft.	808.50 SF

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Nexus Stair

ITEM #	PART DESCRIPTION	
42115	VERSA-FLEX PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	2
42112	10'R RADIUS PANEL	24
86273S	10'R STRAP SET	2
86166S	10'RR STRAP SET	2
91882S	10'R TO 8'RR STRAP SET	1
91883S	8'RR TO 10'R STRAP SET	1
91884S	10'R TO 8'RR STRAP SET	1
91885S	8'RR TO 10'R STRAP SET	1
91886S	10'R TO 10'RR STRAP SET	1
91887S	10'RR TO 10'R STRAP SET	1
O9115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	34
N55005	10' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 10' Radius Nexus Stair.



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

21' x 34' Right Mountain Lake

Perimeter 89'-11" / 27.40 m
 Surface Area 483.5 SF / 44.9 m²
 Volume 14700 gal / 55650 L
 Liner Sq. Ft. 544.00 SF

page 1 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	3
86157S	7' RADIUS STRAP SET	7
86200S	8' RADIUS STRAP SET	1
87438S	7'R to 5'RR STRAP SET	1
87439S	5'RR to 7'R STRAP SET	1
87440S	8'RR to 8'R STRAP SET	1
87441S	7'R to 8'RR STRAP SET	1
87437S	5'RR to 7'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	27
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

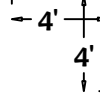
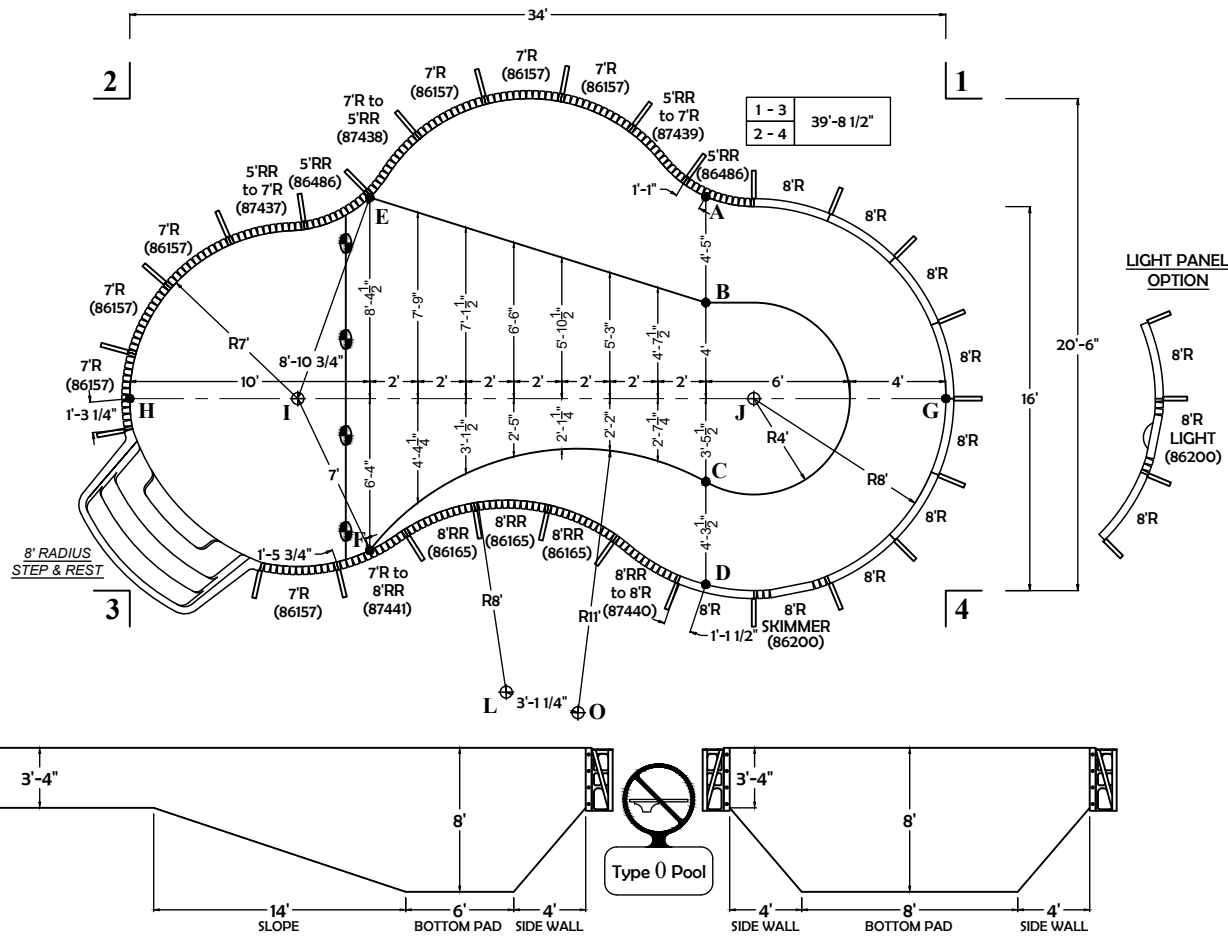
NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPC & ANSI / APSP / ICC suggested minimum standards for pools NOT approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPC CODE

1 - A	10'-9 1/2"	2 - A	24'-4 1/4"	3 - A	29'-1"	4 - A	19'-2 3/4"	G - A	13'-0 3/4"	H - A	25'-5 1/4"
1 - B	13'-1 1/2"	2 - B	25'-5 1/2"	3 - B	26'-10"	4 - B	15'-7 1/2"	G - B	10'-9 1/4"	H - B	24'-4"
1 - C	18'-10"	2 - C	28'-10"	3 - C	24'-5"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	24'-3"
1 - D	22'-7"	2 - D	31'-4 3/4"	3 - D	24'	4 - D	10'	G - D	12'-7 3/4"	H - D	25'-2 3/4"
1 - E	24'-4 1/4"	2 - E	10'-9 3/4"	3 - E	19'-2 1/4"	4 - E	29'-0 3/4"	G - E	25'-5"	H - E	13'-0 1/2"
1 - F	30'-6"	2 - F	21'-3 3/4"	3 - F	10'-1 3/4"	4 - F	24'-0 3/4"	G - F	24'-9 3/4"	H - F	11'-10"
1 - G	12'-6"	2 - G	36'-2 3/4"	3 - G	34'-11 1/4"	4 - G	8'	G - H	34'	H - G	34'
1 - H	36'-2 3/4"	2 - H	12'-6"	3 - H	8'	4 - H	34'-11 1/4"	G - I	27'	H - I	7'
1 - I	29'-9"	2 - I	14'-4"	3 - I	10'-7 1/2"	4 - I	28'-2"	G - J	8'	H - J	26'
1 - J	14'-10"	2 - J	28'-10 1/4"	3 - J	27'-2 1/2"	4 - J	11'-3 3/4"	G - K	18'-2 1/2"	H - K	17'-6 1/4"
1 - K	18'-8 3/4"	2 - K	18'-0 1/2"	3 - K	21'-5"	4 - K	22'	G - L	22'-0 1/4"	H - L	19'-10 3/4"
1 - L	30'-9 1/4"	2 - L	29'-3 1/2"	3 - L	16'-3"	4 - L	18'-9 1/2"	G - M	31'-1"	H - M	13'-1 1/2"
1 - M	28'-8 1/4"	2 - M	5'-4 1/4"	3 - M	20'-8 1/4"	4 - M	34'-11 1/2"	G - N	15'-3 1/4"	H - N	29'-0 3/4"
1 - N	8'-0 1/4"	2 - N	26'	3 - N	33'-5"	4 - N	22'-5 3/4"	G - O	20'-1 3/4"	H - O	22'-9 3/4"
1 - O	29'-10"	2 - O	31'-8 1/4"	3 - O	19'-4 1/4"	4 - O	16'-1 3/4"				



21' x 34' Right Mountain Lake

Perimeter	89'-11" / 27.40 m
Surface Area	483.5 SF / 44.9 m ²
Volume	14700 gal / 55650 L
Liner Sq. Ft.	544.00 SF

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8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	8
421165	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
864865	5' REVERSE RADIUS STRAP SET	2
861655	8' REVERSE RADIUS STRAP SET	3
861575	7' RADIUS STRAP SET	7
862005	8' RADIUS STRAP SET	1
874385	7'R to 5'RR STRAP SET	1
874395	5'RR to 7'R STRAP SET	1
874405	8'RR to 8'R STRAP SET	1
874415	7'R to 8'RR STRAP SET	1
874375	5'RR to 7'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	27
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

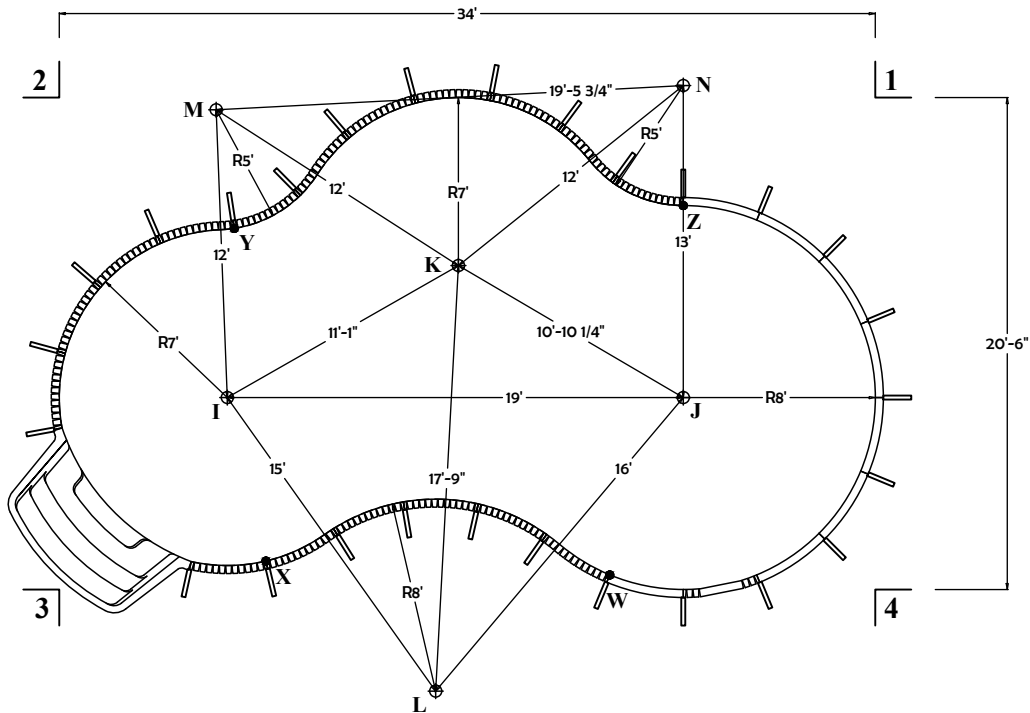
NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the components parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - I	29'-9"	2 - I	14'-4"	3 - I	10'-7 1/2"	4 - I	28'-2"
1 - J	14'-10"	2 - J	28'-10 1/4"	3 - J	27'-2 1/2"	4 - J	11'-3 3/4"
1 - K	18'-8 3/4"	2 - K	18'-0 1/2"	3 - K	21'-5"	4 - K	22'
1 - L	30'-9 1/4"	2 - L	29'-3 1/2"	3 - L	16'-3"	4 - L	18'-9 1/2"
1 - M	27'-5 1/2"	2 - M	6'-6 3/4"	3 - M	21'-0 1/2"	4 - M	33'-11 1/2"
1 - N	8'-0 1/4"	2 - N	26'	3 - N	33'-5"	4 - N	22'-5 3/4"
1 - W	22'-9"	2 - W	30'-4 1/4"	3 - W	22'-11 1/4"	4 - W	11'-1"
1 - X	31'-10 3/4"	2 - X	21'-1 3/4"	3 - X	8'-8 1/4"	4 - X	25'-5"
1 - Y	27'-3"	2 - Y	9'-1 1/4"	3 - Y	16'-8 3/4"	4 - Y	30'-7 3/4"
1 - Z	9'-2 1/4"	2 - Z	26'-4 3/4"	3 - Z	30'-6 1/4"	4 - Z	17'-10 3/4"



21' x 34' Left Mountain Lake

Perimeter	89'-11" / 27.40 m	page 1 of 3
Surface Area	483.5 SF / 44.9 m ²	
Volume	14700 gal / 55650 L	
Liner Sq. Ft.	544.00 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	3
86157S	7' RADIUS STRAP SET	7
86200S	8' RADIUS STRAP SET	1
87432S	7R to 5RR STRAP SET	1
87433S	5RR to 7R STRAP SET	1
87434S	7R to 5RR STRAP SET	1
87435S	8R to 8RR STRAP SET	1
87436S	8RR to 7R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	27
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

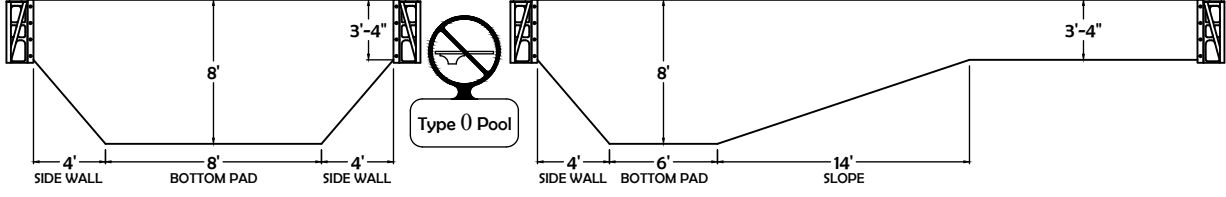
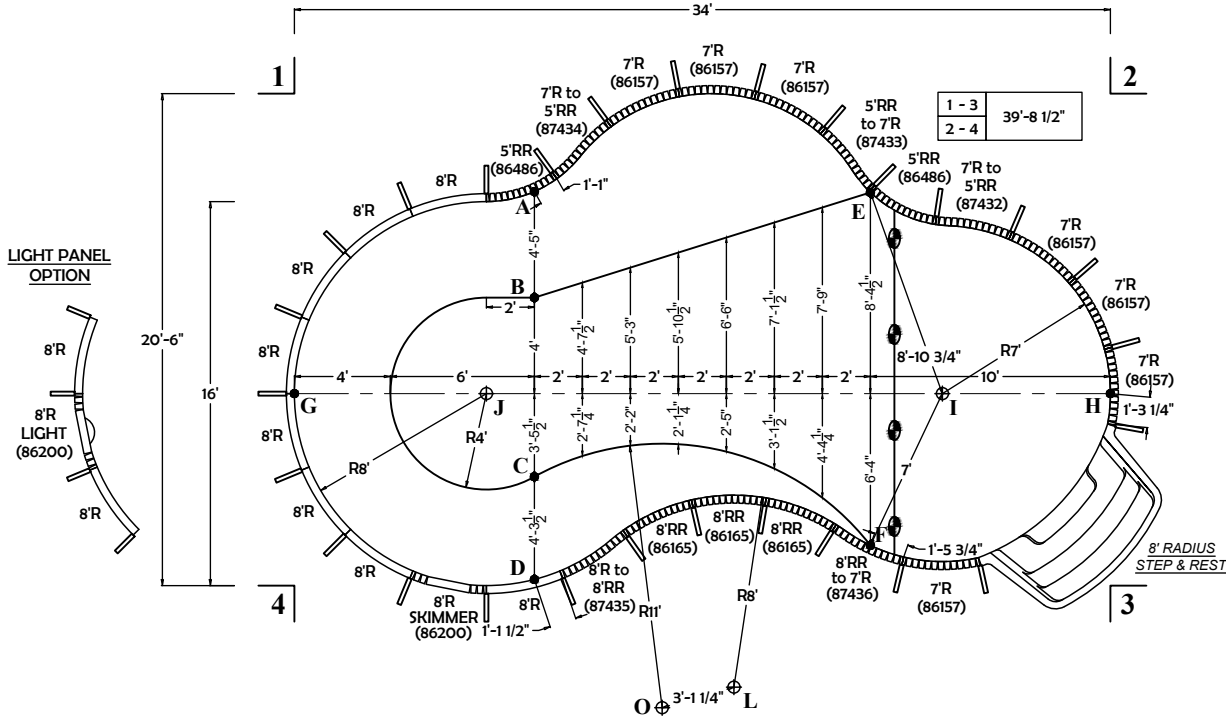
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - A	10'-9 1/2"	2 - A	24'-4 1/4"	3 - A	29'-1"	4 - A	19'-2 3/4"	G - A	13'-0 3/4"	H - A	25'-5 1/4"
1 - B	13'-1 1/2"	2 - B	25'-5 1/2"	3 - B	26'-10"	4 - B	15'-7 1/2"	G - B	10'-9 1/4"	H - B	24'-4"
1 - C	18'-10"	2 - C	28'-10"	3 - C	24'-5"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	24'-3"
1 - D	22'-7"	2 - D	31'-4 3/4"	3 - D	24'	4 - D	10'	G - D	12'-7 3/4"	H - D	25'-2 3/4"
1 - E	24'-4 1/4"	2 - E	10'-9 3/4"	3 - E	19'-2 1/4"	4 - E	29'-0 3/4"	G - E	25'-5"	H - E	13'-0 1/2"
1 - F	30'-6"	2 - F	21'-3 3/4"	3 - F	10'-1 3/4"	4 - F	24'-0 3/4"	G - F	24'-9 3/4"	H - F	11'-10"
1 - G	12'-6"	2 - G	36'-2 3/4"	3 - G	34'-11 1/4"	4 - G	8'	G - H	34'	H - G	34'
1 - H	36'-2 3/4"	2 - H	12'-6"	3 - H	8'	4 - H	34'-11 1/4"	G - I	27'	H - I	7'
1 - I	29'-9"	2 - I	14'-4"	3 - I	10'-7 1/2"	4 - I	28'-2"	G - J	8'	H - J	26'
1 - J	14'-10"	2 - J	28'-10 1/4"	3 - J	27'-2 1/2"	4 - J	11'-3 3/4"	G - K	18'-2 1/2"	H - K	17'-6 1/4"
1 - K	18'-8 3/4"	2 - K	18'-0 1/2"	3 - K	21'-5"	4 - K	22'	G - L	22'-0 1/4"	H - L	19'-10 3/4"
1 - L	30'-9 1/4"	2 - L	29'-3 1/2"	3 - L	16'-3"	4 - L	18'-9 1/2"	G - M	31'-1"	H - M	13'-1 1/2"
1 - M	28'-8 1/4"	2 - M	5'-4 1/4"	3 - M	20'-8 1/4"	4 - M	34'-11 1/2"	G - N	15'-3 1/4"	H - N	29'-0 3/4"
1 - N	8'-0 1/4"	2 - N	26'	3 - N	33'-5"	4 - N	22'-5 3/4"	G - O	20'-1 3/4"	H - O	22'-9 3/4"
1 - O	29'-10"	2 - O	31'-8 1/4"	3 - O	19'-4 1/4"	4 - O	16'-1 3/4"				



4'
4'

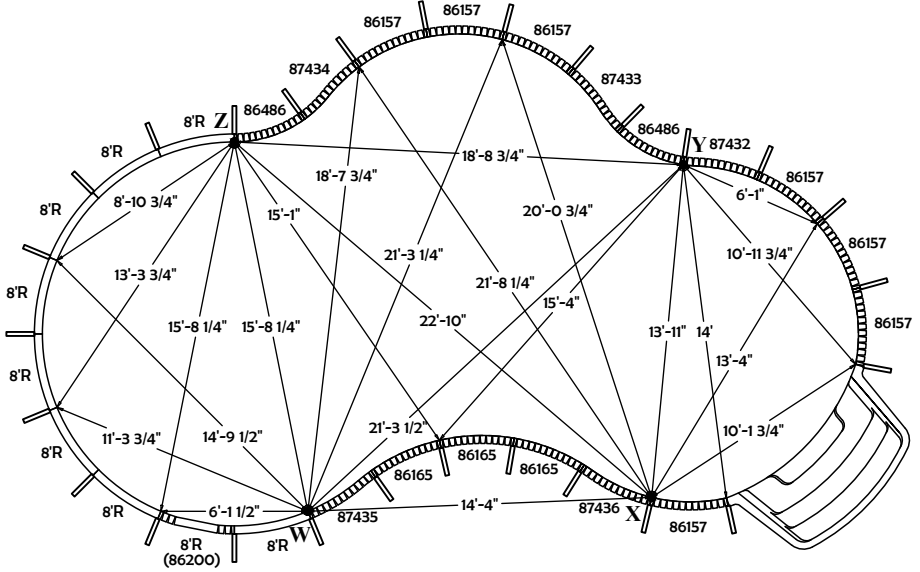
21' x 34' Left Mountain Lake

Perimeter	89'-11" / 27.40 m	page 3 of 3	8' Radius Step
Surface Area	483.5 SF / 44.9 m ²		
Volume	14700 gal / 55650 L		
Liner Sq. Ft.	544.00 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	8
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	3
86157S	7' RADIUS STRAP SET	7
86200S	8' RADIUS STRAP SET	1
87432S	7'R to 5'RR STRAP SET	1
87433S	5'RR to 7'R STRAP SET	1
87434S	7'R to 5'RR STRAP SET	1
87435S	8'R to 8'RR STRAP SET	1
87436S	8'RR to 7'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	27
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.



NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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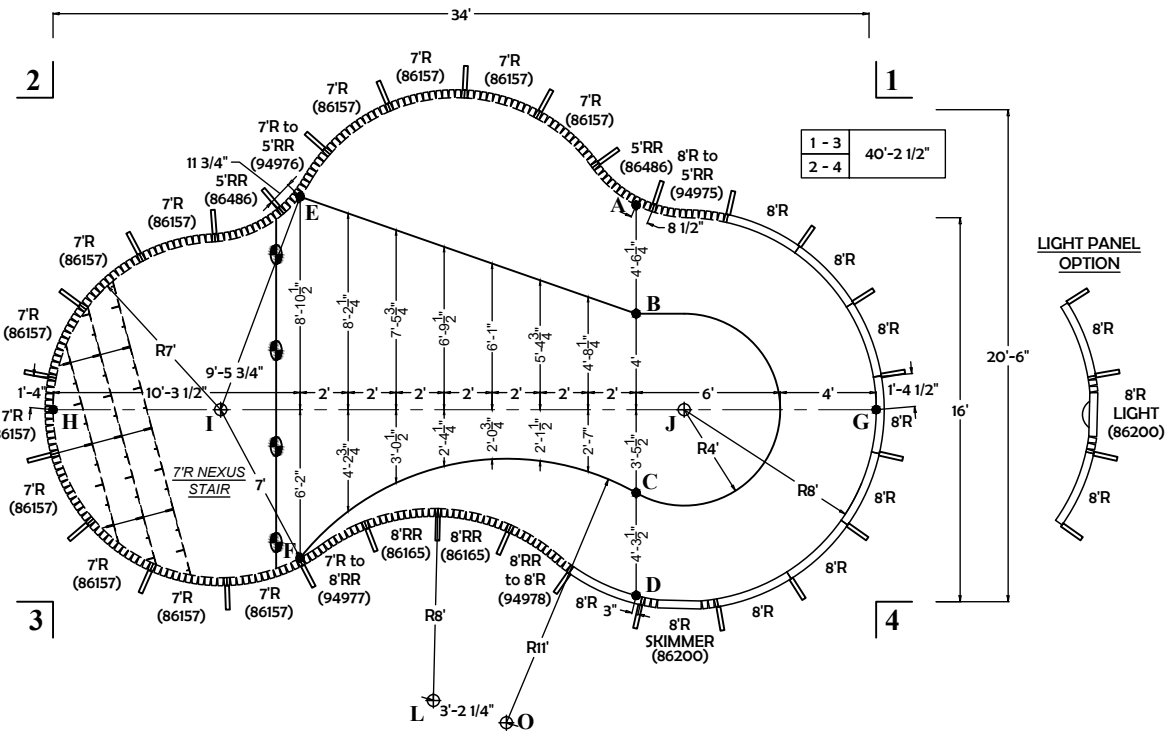
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- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPCS CODE

21' x 34' Right Mountain Lake w/ Nexus Stair

Perimeter	91'-1" / 27.76 m	page 1 of 3
Surface Area	493.53 SF / 45.85 m ²	
Volume	17100 gal / 64600 L	
Liner Sq. Ft.	548.71 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	8
42115	VERSA-FLEX PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86157S	7' RADIUS STRAP SET	12
86200S	8' RADIUS STRAP SET	1
94975S	8'R to 5'RR STRAP SET	1
94976S	7'R to 5'RR STRAP SET	1
94977S	7RR to 8'RR	1
94978S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	546
42146	BRACE SYSTEM COMPLETE	29
N55003	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	10'-11 1/2"	2 - A	24'-8 1/2"	3 - A	29'-4 1/2"	4 - A	19'-3 3/4"	G - A	13'-1 3/4"	H - A	25'-9"
1 - B	13'-5 1/2"	2 - B	25'-11"	3 - B	27'-1 1/4"	4 - B	15'-7 1/2"	G - B	10'-9 1/4"	H - B	24'-7 1/2"
1 - C	19'-3 1/4"	2 - C	29'-4 1/4"	3 - C	24'-8 1/2"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	24'-6 1/2"
1 - D	23'-0 1/4"	2 - D	31'-11 1/4"	3 - D	24'-3 1/2"	4 - D	10'	G - D	12'-7 3/4"	H - D	25'-6"
1 - E	24'-4 1/4"	2 - E	11'-1"	3 - E	19'-9 1/4"	4 - E	29'-4"	G - E	25'-7"	H - E	13'-7"
1 - F	30'-8 3/4"	2 - F	21'-9 1/4"	3 - F	10'-5 1/2"	4 - F	24'-0 3/4"	G - F	24'-9 1/2"	H - F	12'
1 - G	13'	2 - G	36'-8"	3 - G	35'-2 1/2"	4 - G	8'	G - H	34'-3 1/2"	H - G	34'-3 1/2"
1 - H	36'-8"	2 - H	13'	3 - H	8'	4 - H	35'-2 1/2"	G - I	27'-3 3/4"	H - I	6'-11 3/4"
1 - I	30'-3"	2 - I	14'-9"	3 - I	10'-7 1/2"	4 - I	28'-5 1/2"	G - J	8'	H - J	26'-3 1/2"
1 - J	15'-3 1/4"	2 - J	29'-4"	3 - J	27'-5 3/4"	4 - J	11'-3 3/4"	G - K	18'-6 1/4"	H - K	17'-9 3/4"
1 - K	18'-10 1/4"	2 - K	18'-2 1/4"	3 - K	21'-10 1/4"	4 - K	22'-5"	G - L	22'-0 3/4"	H - L	19'-11 1/4"
1 - L	31'-2"	2 - L	29'-8 1/4"	3 - L	16'-4 1/2"	4 - L	18'-10 3/4"	G - M	30'-4 1/2"	H - M	13'-7"
1 - M	27'-11 1/4"	2 - M	6'-5 1/2"	3 - M	20'-11 3/4"	4 - M	34'-4"	G - N	15'-1 3/4"	H - N	29'-6 1/2"
1 - N	7'-9 1/4"	2 - N	26'-6 1/4"	3 - N	33'-10"	4 - N	22'-4 3/4"	G - O	20'-2 1/4"	H - O	22'-11 1/2"
1 - O	30'-3"	2 - O	32'-2"	3 - O	19'-6 1/2"	4 - O	16'-2 1/2"				

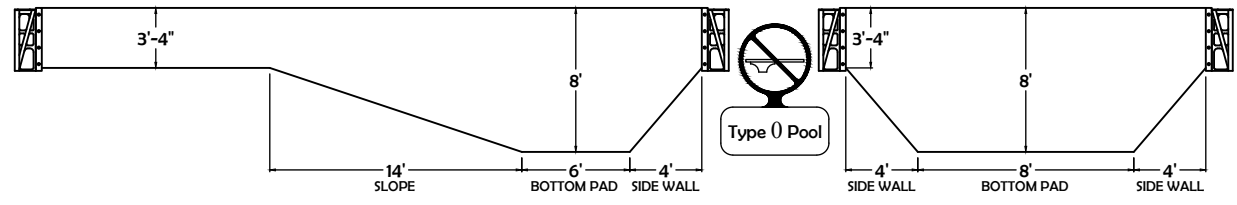


This configuration is only available with 7' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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4'
4'

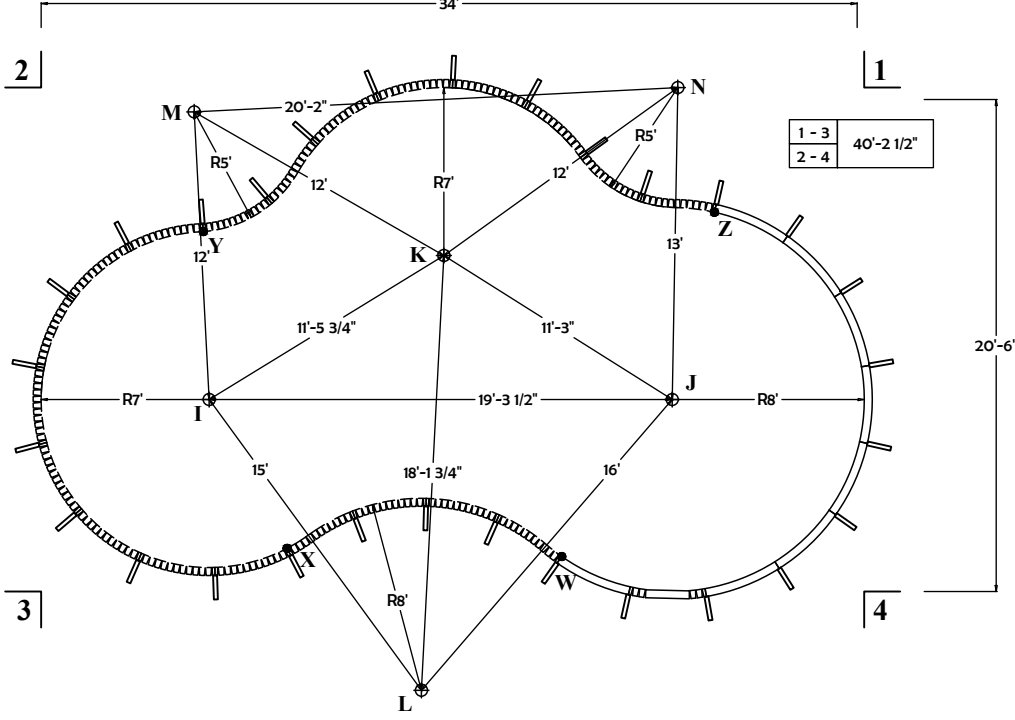
21' x 34' Right Mountain Lake w/ Nexus Stair

Perimeter	91'-1" / 27.76 m	page 2 of 3
Surface Area	493.53 SF / 45.85 m ²	
Volume	17100 gal / 64600 L	
Liner Sq. Ft.	548.71 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	8
42115	VERSA-FLEX PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86157S	7' RADIUS STRAP SET	12
86200S	8' RADIUS STRAP SET	1
94975S	8'R to 5'RR STRAP SET	1
94976S	7'R to 5'RR STRAP SET	1
94977S	7'RR to 8'RR	1
94978S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	546
42146	BRACE SYSTEM COMPLETE	29
N55003	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	30'-2 3/4"	2 - I	14'-9 1/4"	3 - I	10'-7 1/2"	4 - I	28'-5 1/4"
1 - J	15'-3 1/4"	2 - J	29'-4"	3 - J	27'-5 3/4"	4 - J	11'-3 3/4"
1 - K	18'-10 1/4"	2 - K	18'-2 1/4"	3 - K	21'-10 1/4"	4 - K	22'-5"
1 - L	31'-2"	2 - L	29'-8 1/4"	3 - L	16'-4 1/2"	4 - L	18'-10 3/4"
1 - M	27'-11 1/4"	2 - M	6'-5 1/2"	3 - M	20'-11 3/4"	4 - M	34'-4"
1 - N	7'-9 1/4"	2 - N	26'-6 1/4"	3 - N	33'-10"	4 - N	22'-4 3/4"
1 - W	23'-3"	2 - W	29'-2 1/4"	3 - W	21'-8 3/4"	4 - W	12'-8 1/4"
1 - X	30'-9 1/4"	2 - X	21'-9 1/4"	3 - X	10'-4 3/4"	4 - X	24'-1 1/4"
1 - Y	28'-2 1/4"	2 - Y	9'-0 1/2"	3 - Y	16'-5 1/2"	4 - Y	31'-4 1/4"
1 - Z	8'-1 1/2"	2 - Z	28'-6 1/4"	3 - Z	32'-2 1/2"	4 - Z	17'



This configuration is only available with 7' Radius Nexus Stair.

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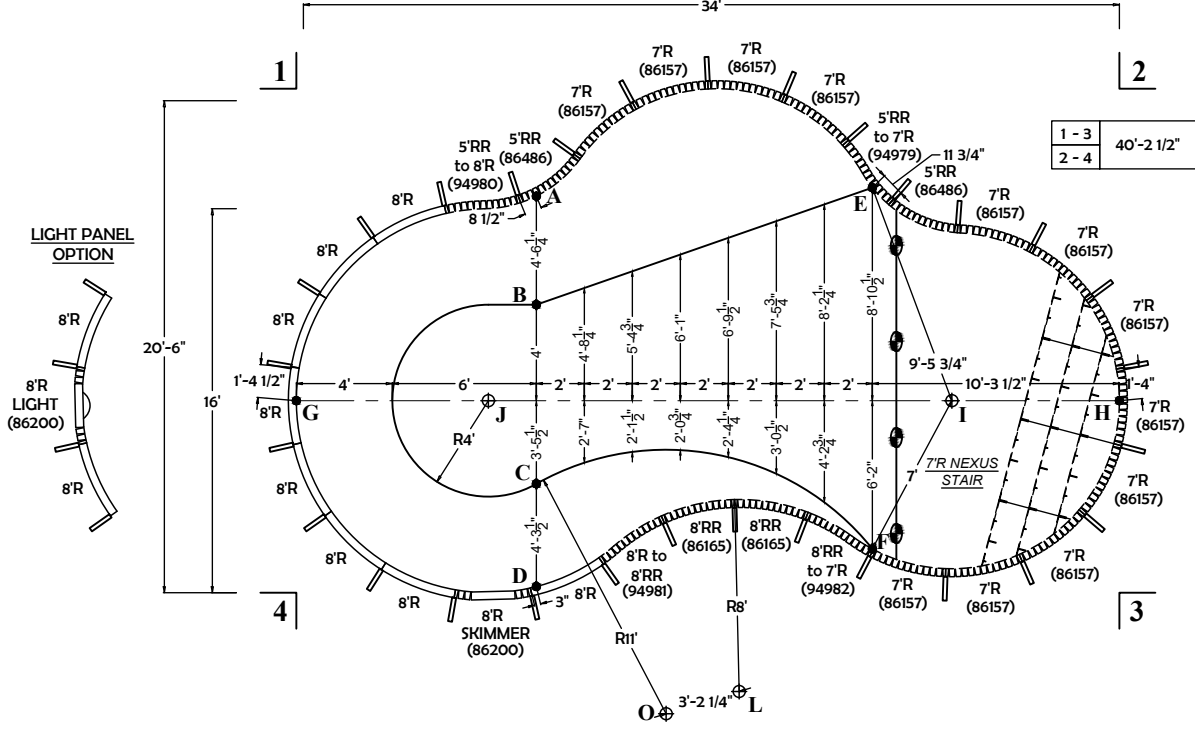
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21' x 34' Left Mountain Lake w/ Nexus Stair

Perimeter	91'-1" / 27.76 m	page 1 of 3
Surface Area	493.53 SF / 45.85 m ²	
Volume	17100 gal / 64600 L	
Liner Sq. Ft.	548.71 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	8
42115	VERSA-FLEX PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86157S	7' RADIUS STRAP SET	12
94979S	5'RR to 7'R STRAP SET	1
94980S	5'RR to 8'R STRAP SET	1
94981S	8'R to 8'RR STRAP SET	1
94982S	8'RR to 7'R STRAP SET	1
09115	PUSH NUTS	1
42146	BRACE SYSTEM COMPLETE	546
N55003	7' RADIUS NEXUS STAIR	29
86151	CHANNEL-LOC SONOTUBE	1
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - A	10'-11 1/2"	2 - A	24'-8 1/2"	3 - A	29'-4 1/2"	4 - A	19'-3 3/4"	G - A	13'-1 3/4"	H - A	25'-9"
1 - B	13'-5 1/2"	2 - B	25'-11"	3 - B	27'-1 1/4"	4 - B	15'-7 1/2"	G - B	10'-9 1/4"	H - B	24'-7 1/2"
1 - C	19'-3 1/4"	2 - C	29'-4 1/4"	3 - C	24'-8 1/2"	4 - C	10'-11 3/4"	G - C	10'-7"	H - C	24'-6 1/2"
1 - D	23'-0 1/4"	2 - D	31'-11 1/4"	3 - D	24'-3 1/2"	4 - D	10'	G - D	12'-7 3/4"	H - D	25'-6"
1 - E	24'-4 1/4"	2 - E	11'-1"	3 - E	19'-9 1/4"	4 - E	29'-4"	G - E	25'-7"	H - E	13'-7"
1 - F	30'-8 3/4"	2 - F	21'-9 1/4"	3 - F	10'-5 1/2"	4 - F	24'-0 3/4"	G - F	24'-9 1/2"	H - F	12'
1 - G	13'	2 - G	36'-8"	3 - G	35'-2 1/2"	4 - G	8'	G - H	34'-3 1/2"	H - G	34'-3 1/2"
1 - H	36'-8"	2 - H	13'	3 - H	8'	4 - H	35'-2 1/2"	G - I	27'-3 3/4"	H - I	6'-11 3/4"
1 - I	30'-3"	2 - I	14'-9"	3 - I	10'-7 1/2"	4 - I	28'-5 1/2"	G - J	8'	H - J	26'-3 1/2"
1 - J	15'-3 1/4"	2 - J	29'-4"	3 - J	27'-5 3/4"	4 - J	11'-3 3/4"	G - K	18'-6 1/4"	H - K	17'-9 3/4"
1 - K	18'-10 1/4"	2 - K	18'-2 1/4"	3 - K	21'-10 1/4"	4 - K	22'-5"	G - L	22'-0 3/4"	H - L	19'-11 1/4"
1 - L	31'-2"	2 - L	29'-8 1/4"	3 - L	16'-4 1/2"	4 - L	18'-10 3/4"	G - M	30'-4 1/2"	H - M	13'-7"
1 - M	27'-11 1/4"	2 - M	6'-5 1/2"	3 - M	20'-11 3/4"	4 - M	34'-4"	G - N	15'-1 3/4"	H - N	29'-6 1/2"
1 - N	7'-9 1/4"	2 - N	26'-6 1/4"	3 - N	33'-10"	4 - N	22'-4 3/4"	G - O	20'-2 1/4"	H - O	22'-11 1/2"
1 - O	30'-3"	2 - O	32'-2"	3 - O	19'-6 1/2"	4 - O	16'-2 1/2"				

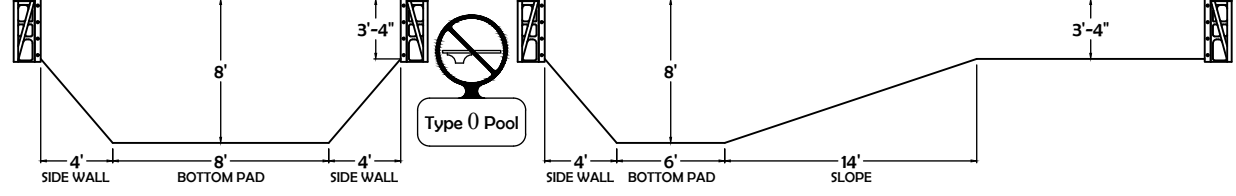


This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1" away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

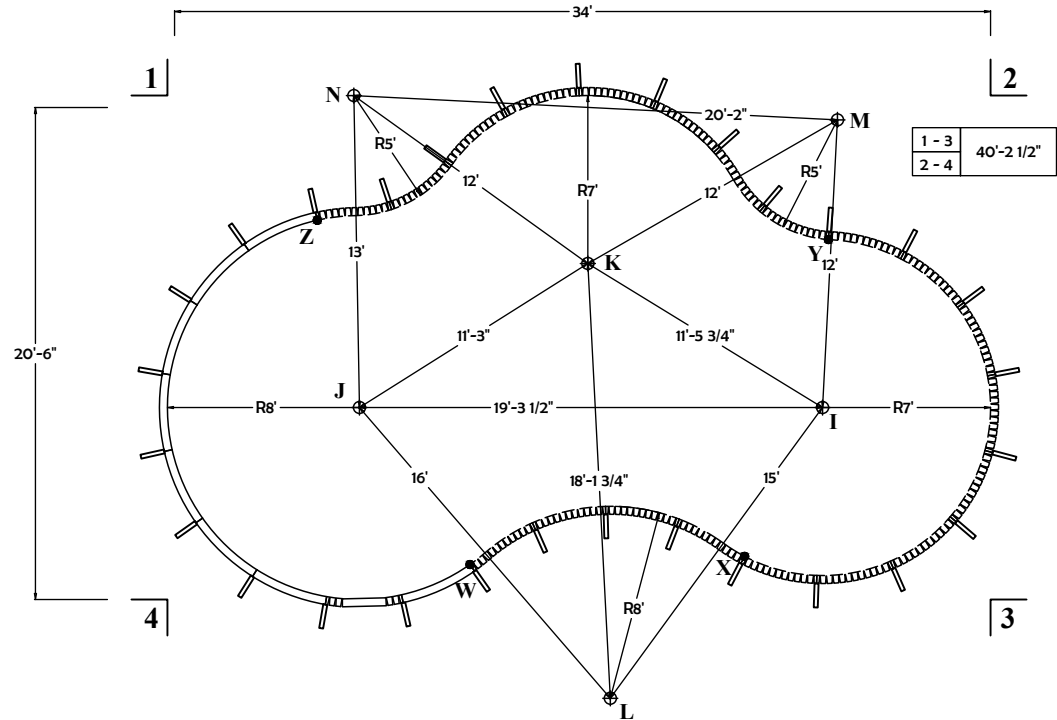


21' x 34' Left Mountain Lake w/ Nexus Stair

Perimeter	91'-1" / 27.76 m	page 2 of 3	Nexus Stair
Surface Area	493.53 SF / 45.85 m ²		
Volume	17100 gal / 64600 L		
Liner Sq. Ft.	548.71 SF		

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	8
42115	VERSA-FLEX PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86157S	7' RADIUS STRAP SET	12
94979S	5'RR to 7'R STRAP SET	1
94980S	5'RR to 8'R STRAP SET	1
94981S	8'R to 8'RR STRAP SET	1
94982S	8'RR to 7'R STRAP SET	1
09115	PUSH NUTS	1
42146	BRACE SYSTEM COMPLETE	546
N55003	7' RADIUS NEXUS STAIR	29
86151	CHANNEL-LOC SONOTUBE	1
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	30'-2 3/4"	2 - I	14'-9 1/4"	3 - I	10'-7 1/2"	4 - I	28'-5 1/4"
1 - J	15'-3 1/4"	2 - J	29'-4"	3 - J	27'-5 3/4"	4 - J	11'-3 3/4"
1 - K	18'-10 1/4"	2 - K	18'-2 1/4"	3 - K	21'-10 1/4"	4 - K	22'-5"
1 - L	31'-2"	2 - L	29'-8 1/4"	3 - L	16'-4 1/2"	4 - L	18'-10 3/4"
1 - M	27'-11 1/4"	2 - M	6'-5 1/2"	3 - M	20'-11 3/4"	4 - M	34'-4"
1 - N	7'-9 1/4"	2 - N	26'-6 1/4"	3 - N	33'-10"	4 - N	22'-4 3/4"
1 - W	23'-3"	2 - W	29'-2 1/4"	3 - W	21'-8 3/4"	4 - W	12'-8 1/4"
1 - X	30'-9 1/4"	2 - X	21'-9 1/4"	3 - X	10'-4 3/4"	4 - X	24'-1 1/4"
1 - Y	28'-2 1/4"	2 - Y	9'-0 1/2"	3 - Y	16'-5 1/2"	4 - Y	31'-4 1/4"
1 - Z	8'-1 1/2"	2 - Z	28'-6 1/4"	3 - Z	32'-2 1/2"	4 - Z	17'



NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

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- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

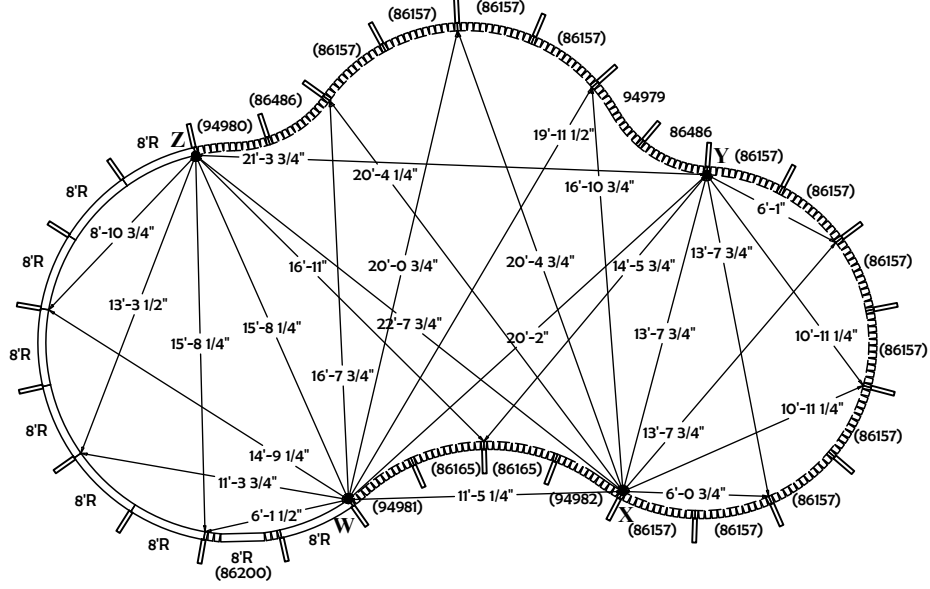
4'
4'

21' x 34' Left Mountain Lake w/ Nexus Stair

Perimeter	91'-1" / 27.76 m	page 3 of 3	Nexus Stair
Surface Area	493.53 SF / 45.85 m ²		
Volume	17100 gal / 64600 L		
Liner Sq. Ft.	548.71 SF		

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	8
42115	VERSA-FLEX PANEL	20
42116S	VERSA-FLEX SKIMMER PANEL	1
86486S	5' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86157S	7' RADIUS STRAP SET	12
94979S	5'RR to 7'R STRAP SET	1
94980S	5'RR to 8'R STRAP SET	1
94981S	8'R to 8'RR STRAP SET	1
94982S	8'RR to 7'R STRAP SET	1
09115	PUSH NUTS	1
42146	BRACE SYSTEM COMPLETE	546
N55003	7' RADIUS NEXUS STAIR	29
86151	CHANNEL-LOC SONOTUBE	1
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 8' Radius Nexus Stair.



NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

23' x 36' Right Mountain Lake

Perimeter	96'-0 1/4" / 29.26 m
Surface Area	580.69 SF / 53.95 m ²
Volume	19650 gal / 74220 L
Liner Sq. Ft.	650.63 SF

page
1 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
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42111	8' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86164S	6' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86158S	9' RADIUS STRAP SET	10
86200S	8' RADIUS STRAP SET	
94993S	9'R to 6'RR STRAP SET	1
94994S	8'R to 6'RR STRAP SET	1
94995S	8'R to 8'RR STRAP SET	1
94996S	8'RR to 9'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	29
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

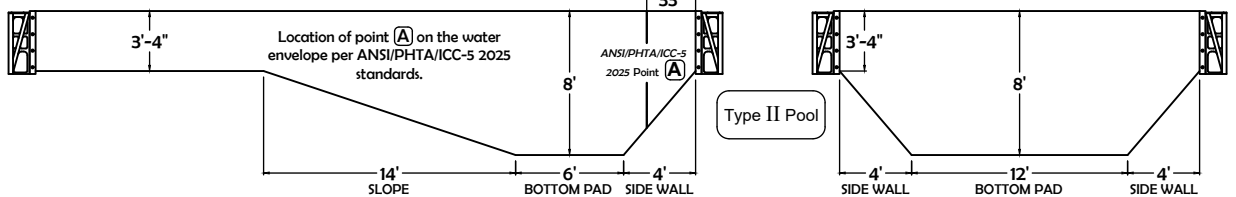
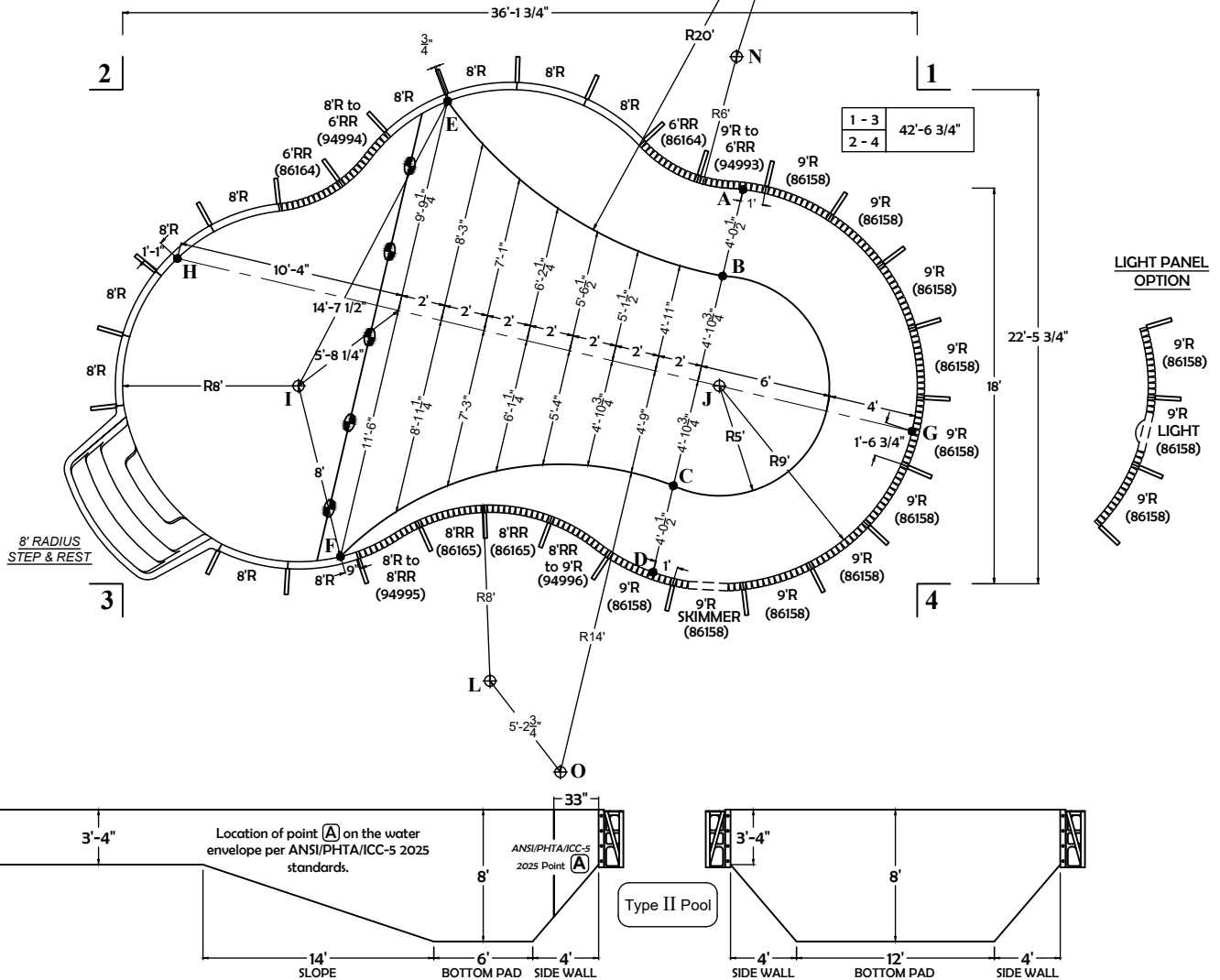
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- 1. All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSIPHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- 2. Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- 3. Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSIPHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- 4. A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- 5. Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- 6. All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- 7. Backfill with clean earth, free of roots and debris.
- 8. Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 9. 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- 10. NO DIVING labels are to be installed around the perimeter of the pool.
- 11. A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- 12. Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - A	33'-5 1/4"	2 - A	28'-7"	3 - A	33'-5 1/4"	4 - A	19'-7 1/4"	G - A	13'-5"	H - A	25'-11"
1 - B	30'-8"	2 - B	28'-7"	3 - B	30'-8"	4 - B	16'-6 3/4"	G - B	11'-1 3/4"	H - B	24'-9 3/4"
1 - C	25'-5 1/4"	2 - C	30'-10 1/4"	3 - C	25'-5 1/4"	4 - C	11'-11 1/2"	G - C	11'-1 3/4"	H - C	24'-9 3/4"
1 - D	24'-1 1/2"	2 - D	32'-7 1/2"	3 - D	24'-1 1/2"	4 - D	12'-0 1/2"	G - D	13'-5"	H - D	25'-11"
1 - E	26'-5 1/2"	2 - E	14'-9 1/2"	3 - E	26'-5 1/2"	4 - E	30'-7 1/2"	G - E	25'-11"	H - E	14'-2 3/4"
1 - F	9'-11 3/4"	2 - F	23'-5 1/4"	3 - F	9'-11 3/4"	4 - F	26'-3 1/4"	G - F	26'-7 1/2"	H - F	15'-5 1/2"
1 - G	36'-6 3/4"	2 - G	39'-1 1/2"	3 - G	36'-6 3/4"	4 - G	6'-11 1/4"	G - H	34'-4"	H - G	34'-4"
1 - H	15'	2 - H	8'-1"	3 - H	15'	4 - H	36'-9 1/4"	G - I	27'-11 3/4"	H - H	8'
1 - I	12'-0 1/2"	2 - I	15'-8"	3 - I	12'-0 1/2"	4 - I	29'-6 1/2"	G - J	9'	H - I	25'-4"
1 - J	28'-7 1/4"	2 - J	30'-3 3/4"	3 - J	28'-7 1/4"	4 - J	12'-8 3/4"	G - K	19'-9"	H - K	15'-2"
1 - K	22'-10"	2 - K	19'-4 1/2"	3 - K	22'-10"	4 - K	23'-6"	G - L	22'-3 3/4"	H - L	23'-11"
1 - L	17'-3 1/2"	2 - L	31'-8"	3 - L	17'-3 1/2"	4 - L	19'-11 1/4"	G - M	33'-6"	H - M	9'-0 1/2"
1 - M	23'-9 3/4"	2 - M	6'-5 3/4"	3 - M	23'-9 3/4"	4 - M	37'-6"	G - N	18'-9 3/4"	H - N	27'-0 1/2"
1 - N	36'-9 3/4"	2 - N	27'-11 3/4"	3 - N	36'-9 3/4"	4 - N	25'-4 1/4"	G - O	22'-3 1/4"	H - O	29'-1 3/4"
1 - O	21'-8"	2 - O	36'-10 1/2"	3 - O	21'-8"	4 - O	18'-4 1/4"	G - P	27'-2"	H - P	34'-2 1/4"
1 - P	45'-9"	2 - P	32'-11 1/2"	3 - P	45'-9"	4 - P	34'-0 1/2"				



23' x 36' Left
Mountain Lake

Perimeter	96'-0 1/4" / 29.26 m	page 1 of 3	8' Radius Step
Surface Area	580.69 SF / 53.95 m ²		
Volume	19650 gal / 74220 L		
Liner Sq. Ft.	650.63 SF		

ITEM #	PART DESCRIPTION		
42111	8' RADIUS PANEL	10	
42116S	VERSA-FLEX SKIMMER PANEL	1	
42115	VERSA-FLEX PANEL	17	
86164S	6' REVERSE RADIUS STRAP SET	2	
86165S	8' REVERSE RADIUS STRAP SET	2	
86158S	9' RADIUS STRAP SET	10	
86200S	8' RADIUS STRAP SET		
94997S	6'RR to 8'R STRAP SET	1	
94998S	6'RR to 9'R STRAP SET	1	
94999S	9'R to 8'RR STRAP SET	1	
94500S	8'RR to 8'R STRAP SET	1	
09115	PUSH NUTS	468	
42146	BRACE SYSTEM COMPLETE	29	
07418R5NR	8' RADIUS STEP & REST	1	
148838	3/8"-16X HEX WASHER HEAD BOLT	12*	
149664	3/8"-16 HEX WASHER HEAD NUT	12*	
86151	CHANNEL-LOC SONOTUBE		
42116L	VERSA-FLEX STANDARD LIGHT PANEL		

1 - A	33'-5 1/4"
1 - B	30'-8"
1 - C	25'-5 1/4"
1 - D	24'-1 1/2"
1 - E	26'-5 1/2"
1 - F	9'-11 3/4"
1 - G	36'-6 3/4"
1 - H	15'
1 - I	12'-0 1/2"
1 - J	28'-7 1/4"
1 - K	22'-10"
1 - L	17'-3 1/2"
1 - M	23'-9 3/4"
1 - N	36'-9 3/4"
1 - O	21'-8"
1 - P	45'-9"

2 - A	28'-7"
2 - B	28'-7"
2 - C	30'-10 1/4"
2 - D	32'-7 1/2"
2 - E	14'-9 1/2"
2 - F	23'-5 1/4"
2 - G	39'-1 1/2"
2 - H	8'-1"
2 - I	15'-8"
2 - J	30'-3 3/4"
2 - K	19'-4 1/2"
2 - L	31'-8"
2 - M	6'-5 3/4"
2 - N	27'-11 3/4"
2 - O	36'-10 1/2"
2 - P	32'-11 1/2"

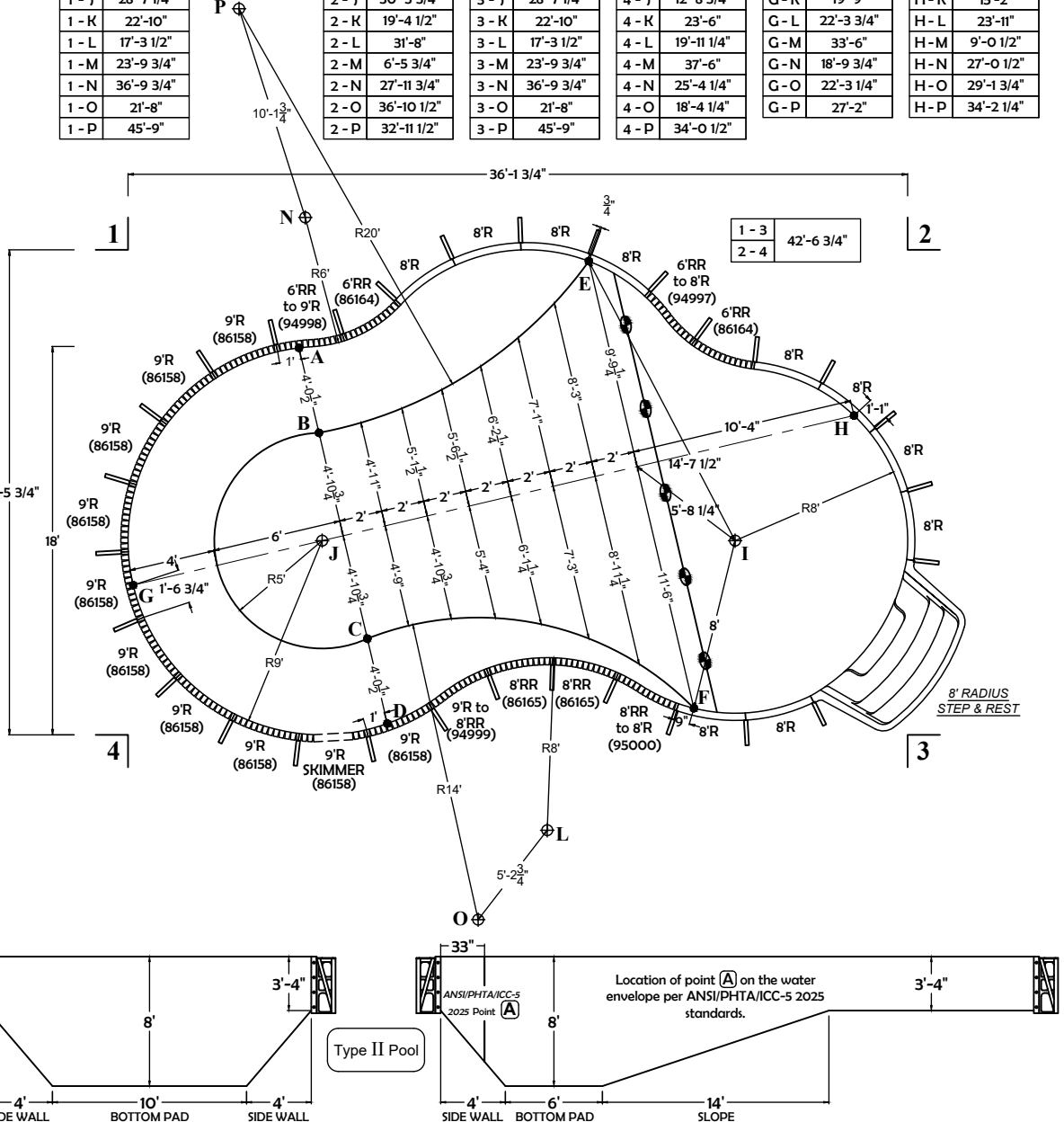
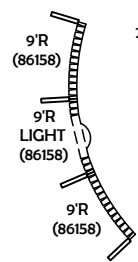
3 - A	33'-5 1/4"
3 - B	30'-8"
3 - C	25'-5 1/4"
3 - D	24'-1 1/2"
3 - E	26'-5 1/2"
3 - F	9'-11 3/4"
3 - G	36'-6 3/4"
3 - H	15'
3 - I	12'-0 1/2"
3 - J	28'-7 1/4"
3 - K	22'-10"
3 - L	17'-3 1/2"
3 - M	23'-9 3/4"
3 - N	36'-9 3/4"
3 - O	21'-8"
3 - P	45'-9"

4 - A	19'-7 1/4"
4 - B	16'-6 3/4"
4 - C	11'-11 1/2"
4 - D	12'-0 1/2"
4 - E	30'-7 1/2"
4 - F	26'-3 1/4"
4 - G	6'-11 1/4"
4 - H	36'-9 1/4"
4 - I	29'-6 1/2"
4 - J	12'-8 3/4"
4 - K	23'-6"
4 - L	19'-11 1/4"
4 - M	37'-6"
4 - N	25'-4 1/4"
4 - O	18'-4 1/4"
4 - P	34'-0 1/2"

G - A	13'-5"
G - B	11'-1 3/4"
G - C	11'-1 3/4"
G - D	13'-5"
G - E	25'-11"
G - F	26'-7 1/2"
G - H	34'-4"
G - I	27'-11 3/4"
G - J	9'
G - K	19'-9"
G - L	22'-3 3/4"
G - M	33'-6"
G - N	18'-9 3/4"
G - O	22'-3 1/4"
G - P	27'-2"

H - A	25'-11"
H - B	24'-9 3/4"
H - C	24'-9 3/4"
H - D	25'-11"
H - E	14'-2 3/4"
H - F	15'-5 1/2"
H - G	34'-4"
H - I	8'
H - J	25'-4"
H - K	15'-2"
H - L	23'-11"
H - M	9'-0 1/2"
H - N	27'-0 1/2"
H - O	29'-1 3/4"
H - P	34'-2 1/4"

LIGHT PANEL OPTION



1 - 3	42'-6 3/4"
2 - 4	

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

23' x 36' Left Mountain Lake

Perimeter	96'-0 1/4" / 29.26 m	page 2 of 3
Surface Area	580.69 SF / 53.95 m ²	
Volume	19650 gal / 74220 L	
Liner Sq. Ft.	650.63 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86164S	6' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86158S	9' RADIUS STRAP SET	10
86200S	8' RADIUS STRAP SET	
94997S	6'RR to 8'R STRAP SET	1
94998S	6'RR to 9'R STRAP SET	1
94999S	9'R to 8'RR STRAP SET	1
94500S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	29
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

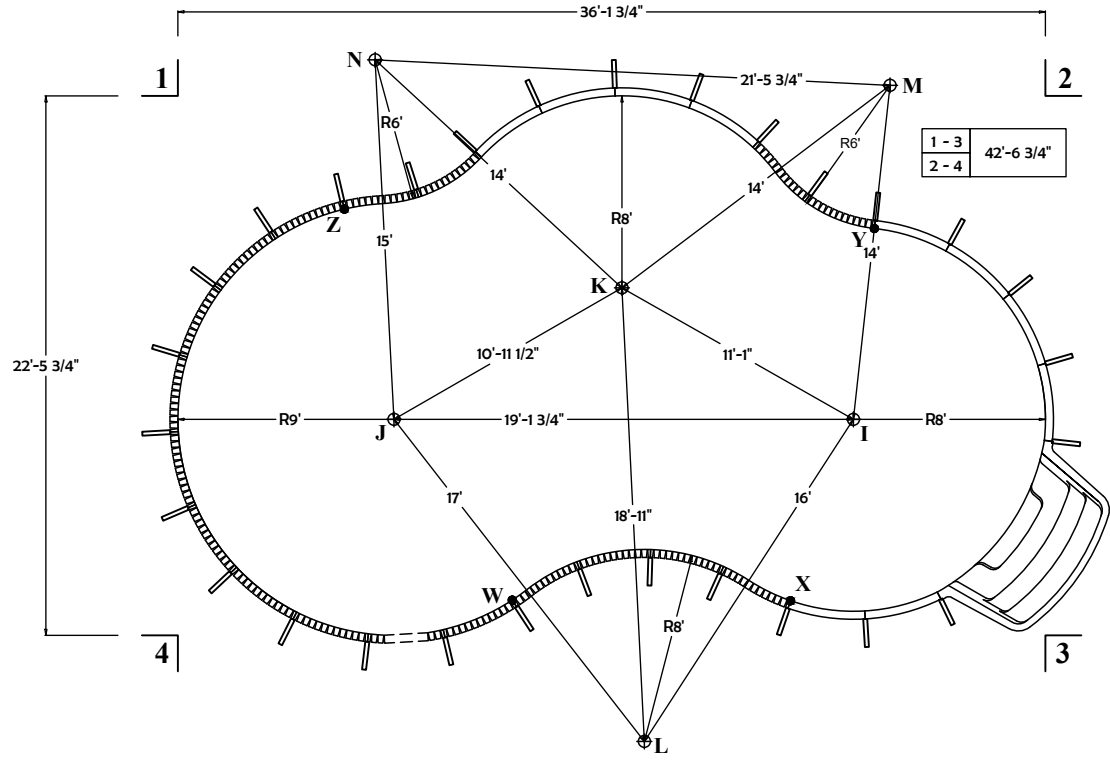
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - I	31'-2 1/2"	2 - I	15'-8"	3 - I	12'-0 1/2"	4 - I	29'-6 1/2"
1 - J	16'-2 1/2"	2 - J	30'-3 3/4"	3 - J	28'-7 1/4"	4 - J	12'-8 3/4"
1 - K	20'-1 3/4"	2 - K	19'-4 1/2"	3 - K	22'-10"	4 - K	23'-6"
1 - L	33'-2 1/4"	2 - L	31'-8"	3 - L	17'-3 1/2"	4 - L	19'-11 1/4"
1 - M	29'-8"	2 - M	6'-5 3/4"	3 - M	23'-9 3/4"	4 - M	37'-6"
1 - N	8'-4 1/4"	2 - N	27'-11 3/4"	3 - N	36'-9 3/4"	4 - N	25'-4 1/4"
1 - W	25'-2 1/2"	2 - W	30'-7"	3 - W	22'-3 1/4"	4 - W	14'
1 - X	33'-1"	2 - X	23'-6 3/4"	3 - X	10'-8 1/2"	4 - X	25'-6 3/4"
1 - Y	29'-6 1/2"	2 - Y	9'-0 1/4"	3 - Y	18'-4 3/4"	4 - Y	33'-7 1/4"
1 - Z	8'-4 3/4"	2 - Z	29'-7"	3 - Z	34'-2 1/4"	4 - Z	19'-0 3/4"



1 - 3	42'-6 3/4"
2 - 4	

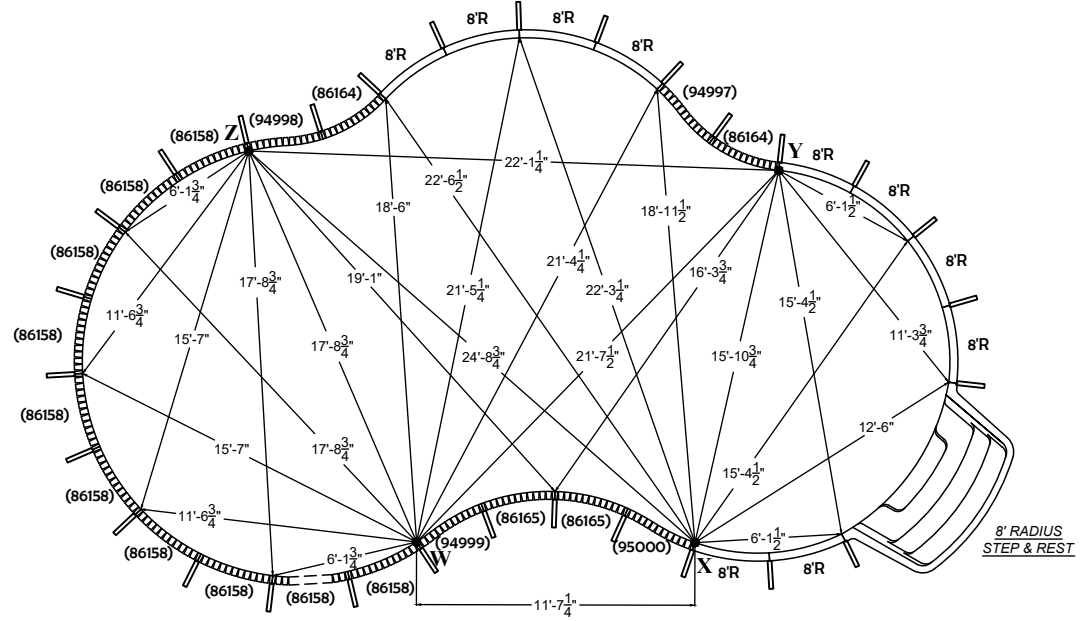
23' x 36' Left Mountain Lake

Perimeter	96'-0 1/4" / 29.26 m
Surface Area	580.69 SF / 53.95 m ²
Volume	19650 gal / 74220 L
Liner Sq. Ft.	650.63 SF

page
3 of 3

8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86164S	6' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	2
86158S	9' RADIUS STRAP SET	10
86200S	8' RADIUS STRAP SET	
94997S	6'RR to 8'R STRAP SET	1
94998S	6'RR to 9'R STRAP SET	1
94999S	9'R to 8'RR STRAP SET	1
94500S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	29
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	
* - Use Bolts at Step Connection		
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.		



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
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- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPC CODE

23' x 36' Right Mountain Lake w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page
Surface Area	591.68 SF / 54.97 m ²	1 of 3
Volume	19900 gal / 75200 L	
Liner Sq. Ft.	658.50 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	11
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	19
86158S	9' RADIUS STRAP SET	10
86200S	8' RADIUS STRAP SET	
86164S	6' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	3
94983S	9'R to 6'RR STRAP SET	1
94984S	6'RR to 8'R STRAP SET	1
94985S	8'R to 6'RR STRAP SET	1
94986S	6'RR to 8'R STRAP SET	1
94987S	8'R to 8'RR STRAP SET	1
O9115	PUSH NUTS	520
42146	BRACE SYSTEM COMPLETE	31
NSS003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

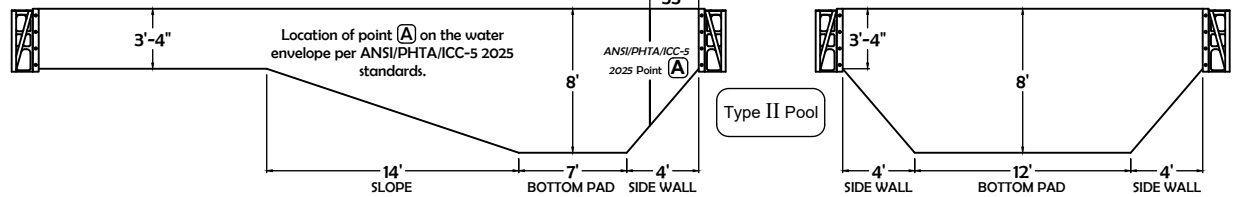
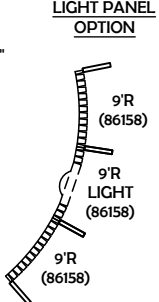
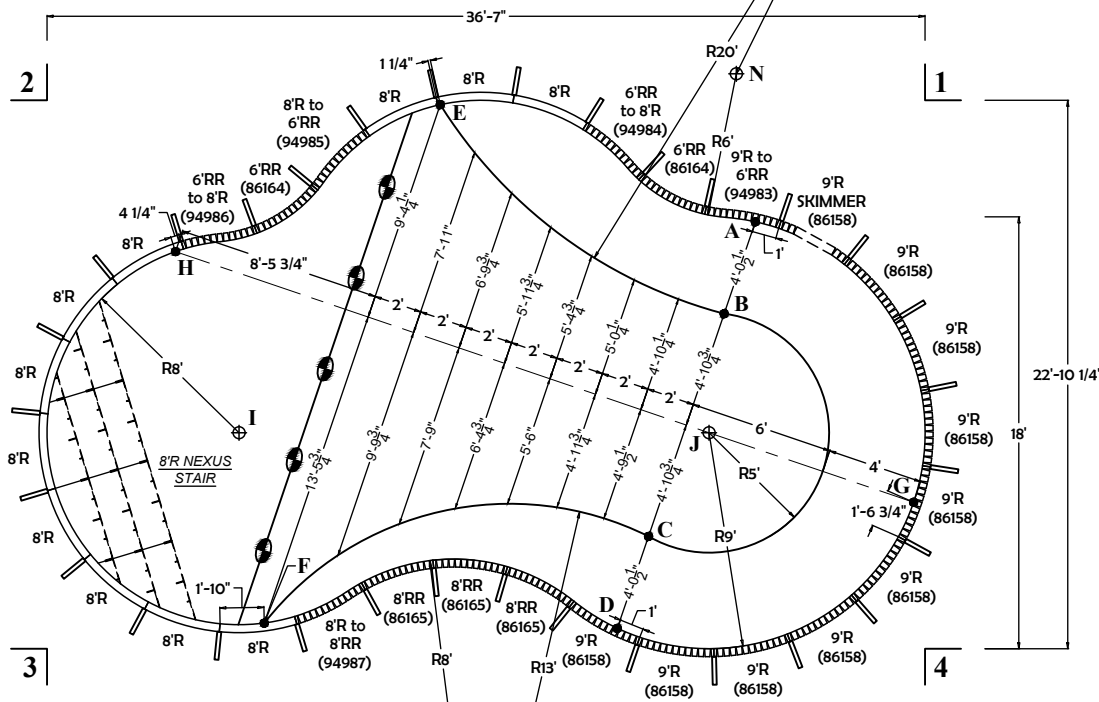
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- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - A	8'-8 1/4"	2 - A	29'-11 1/4"	3 - A	34'-5 1/2"	4 - A	19'-1 3/4"	G - A	13'-5"	H - A	24'-2 1/4"
1 - B	12'-2 1/2"	2 - B	29'-7"	3 - B	31'-5 3/4"	4 - B	16'-3 1/4"	G - B	11'-1 3/4"	H - B	23'
1 - C	21'-6 1/4"	2 - C	30'-11 1/2"	3 - C	25'-6"	4 - C	12'-5 1/4"	G - C	11'-1 3/4"	H - C	23'
1 - D	25'-5 1/2"	2 - D	32'-4 1/2"	3 - D	23'-9 1/4"	4 - D	12'-10 1/4"	G - D	13'-5"	H - D	24'-2 1/4"
1 - E	20'-2 1/2"	2 - E	16'-4 3/4"	3 - E	27'-11 3/4"	4 - E	30'-4 1/4"	G - E	25'-9"	H - E	12'-7 1/2"
1 - F	35'-1 1/4"	2 - F	23'-7"	3 - F	9'-1 1/4"	4 - F	27'-6 3/4"	G - F	27'-6 1/4"	H - F	15'-11"
1 - G	16'-9"	2 - G	39'-9 1/2"	3 - G	36'-7 1/2"	4 - G	6'-1 1/2"	G - H	32'-5 3/4"	H - G	32'-5 3/4"
1 - H	31'-10 1/4"	2 - H	8'-3 1/4"	3 - H	17'-4 3/4"	4 - H	35'-4 1/4"	G - I	28'-3"	H - I	8'
1 - I	31'-9 1/4"	2 - I	16'	3 - I	12'-0 1/2"	4 - I	29'-11 1/2"	G - J	9'	H - J	23'-5 3/4"
1 - J	16'-6 1/4"	2 - J	30'-10 1/2"	3 - J	29'-0 1/4"	4 - J	12'-8 3/4"	G - K	20'-0 1/2"	H - K	12'-10"
1 - K	20'-1 3/4"	2 - K	19'-9 1/4"	3 - K	23'-4 3/4"	4 - K	23'-8 3/4"	G - L	21'-9 1/2"	H - L	23'-10"
1 - L	33'-5 3/4"	2 - L	8'-3 1/4"	3 - L	17'-5 3/4"	4 - L	20'-1"	G - M	33'-11"	H - M	6'-6 1/4"
1 - M	29'-11 1/4"	2 - M	6'-7 3/4"	3 - M	23'-10 1/2"	4 - M	37'-8 1/2"	G - N	19'-3 3/4"	H - N	24'-6 1/4"
1 - N	7'-11 1/4"	2 - N	28'-9"	3 - N	37'-4 3/4"	4 - N	25'-2 1/2"	G - O	21'-3 3/4"	H - O	27'-3 3/4"
1 - O	34'-5 3/4"	2 - O	35'-6"	3 - O	20'-6"	4 - O	18'-7 3/4"	G - P	27'-4"	H - P	32'-7 1/4"
1 - P	10'-11 1/4"	2 - P	34'-11 1/4"	3 - P	47'-1 1/4"	4 - P	33'-5 1/2"				



4'
4'

23' x 36' Right Mountain Lake w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page 2 of 3
Surface Area	591.68 SF / 54.97 m ²	
Volume	19900 gal / 75200 L	
Liner Sq. Ft.	658.50 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	11
421165	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	19
861585	9' RADIUS STRAP SET	10
862005	8' RADIUS STRAP SET	
861645	6' REVERSE RADIUS STRAP SET	2
861655	8' REVERSE RADIUS STRAP SET	3
949835	9'R to 6'RR STRAP SET	1
949845	6'RR to 8'R STRAP SET	1
949855	8'R to 6'RR STRAP SET	1
949865	6'RR to 8'R STRAP SET	1
949875	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	520
42146	BRACE SYSTEM COMPLETE	31
NSS003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

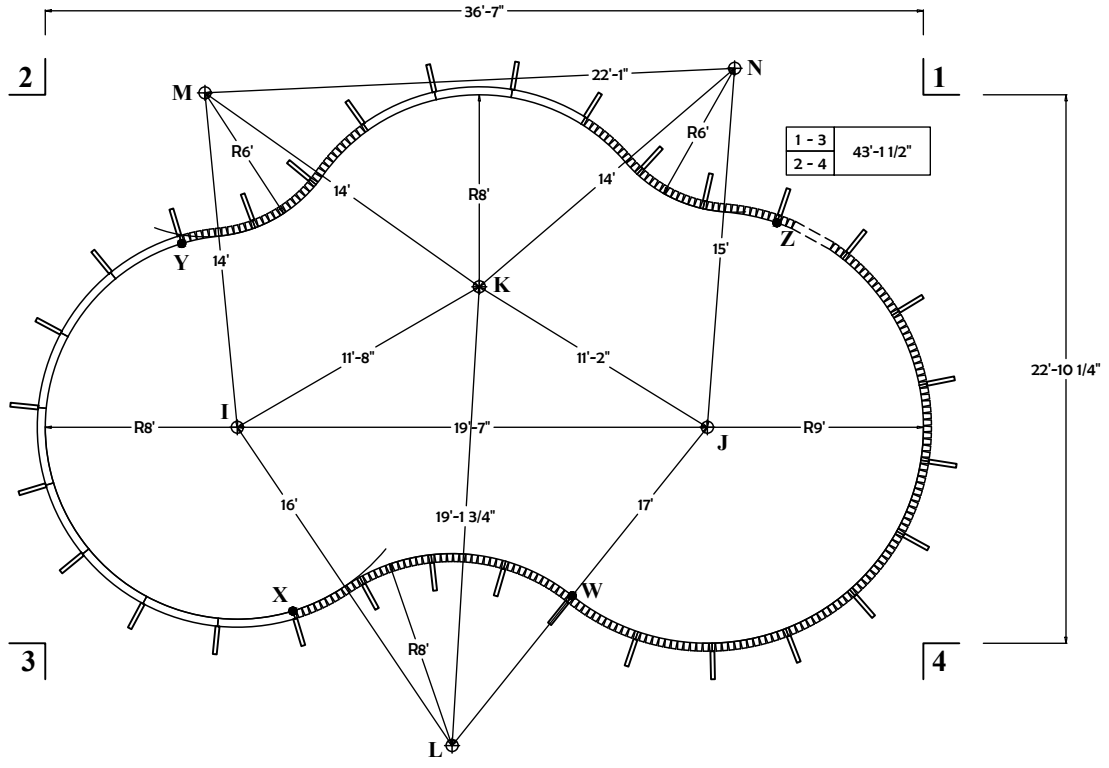
1 - I	31'-9 1/4"	2 - I	16'	3 - I	12'-0 1/2"	4 - I	29'-11 1/2"
1 - J	16'-6 1/4"	2 - J	30'-10 1/2"	3 - J	29'-0 1/4"	4 - J	12'-8 3/4"
1 - K	20'-1 3/4"	2 - K	19'-9 1/4"	3 - K	23'-4 3/4"	4 - K	23'-8 3/4"
1 - L	33'-5 3/4"	2 - L	31'-11 3/4"	3 - L	17'-5 3/4"	4 - L	20'-1"
1 - M	29'-11 1/4"	2 - M	6'-7 3/4"	3 - M	23'-10 1/2"	4 - M	37'-8 1/2"
1 - N	7'-11 1/4"	2 - N	28'-9"	3 - N	37'-4 3/4"	4 - N	25'-2 1/2"
1 - W	25'-6"	2 - W	30'-3 1/2"	3 - W	22'-0 1/2"	4 - W	14'-9 1/4"
1 - X	33'-11 1/2"	2 - X	23'-10 1/4"	3 - X	10'-4 3/4"	4 - X	26'-3 3/4"
1 - Y	31'-6 1/4"	2 - Y	8'-5"	3 - Y	17'-7 1/4"	4 - Y	35'-1 1/4"
1 - Z	8'-1 1/4"	2 - Z	30'-11 1/4"	3 - Z	35'-2"	4 - Z	18'-6 3/4"

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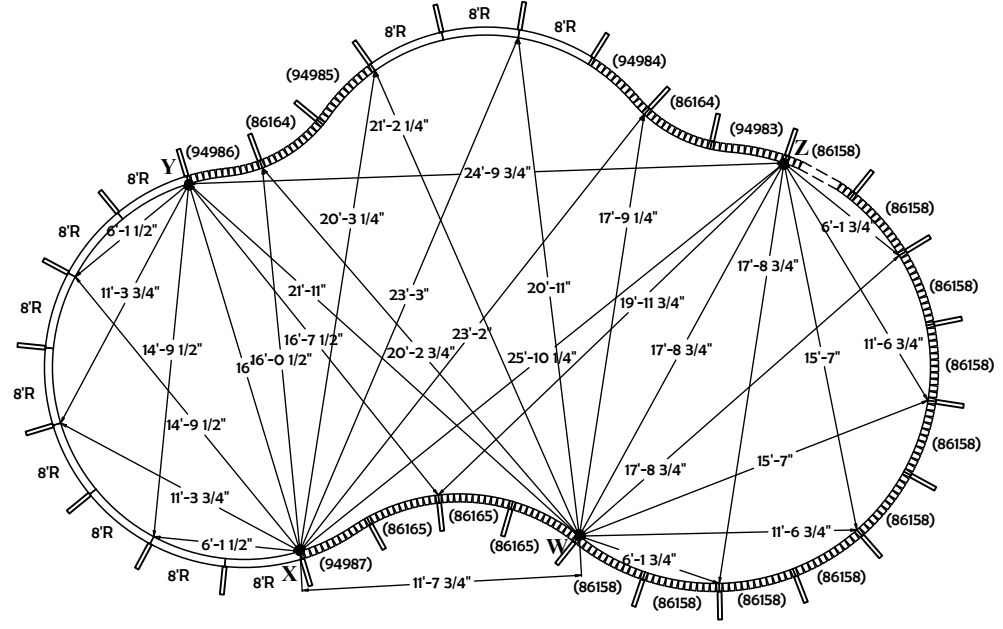
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23' x 36' Right Mountain Lake w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page 3 of 3	Nexus Stair
Surface Area	591.68 SF / 54.97 m ²		
Volume	19900 gal / 75200 L		
Liner Sq. Ft.	658.50 SF		

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	11
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	19
86158S	9' RADIUS STRAP SET	10
86200S	8' RADIUS STRAP SET	
86164S	6' REVERSE RADIUS STRAP SET	2
86165S	8' REVERSE RADIUS STRAP SET	3
94983S	9'R to 6'RR STRAP SET	1
94984S	6'RR to 8'R STRAP SET	1
94985S	8'R to 6'RR STRAP SET	1
94986S	6'RR to 8'R STRAP SET	1
94987S	8'R to 8'RR STRAP SET	1
O9115	PUSH NUTS	520
42146	BRACE SYSTEM COMPLETE	31
NSS003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



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23' x 36' Left Mountain Lake w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m	page 1 of 3	Nexus Stair
Surface Area	591.68 SF / 54.97 m ²		
Volume	19900 gal / 75200 L		
Liner Sq. Ft.	658.50 SF		

ITEM #	PART DESCRIPTION		
42111	8' RADIUS PANEL	11	
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42115	VERSA-FLEX PANEL	19	
86158S	9' RADIUS STRAP SET	10	
86200S	8' RADIUS STRAP SET		
86164S	6' REVERSE RADIUS STRAP SET	2	
86165S	8' REVERSE RADIUS STRAP SET	3	
94988S	8'R to 6'RR STRAP SET	1	
94989S	6'RR to 8'R STRAP SET	1	
94990S	8'R to 6'RR STRAP SET	1	
94991S	6'RR to 9'R STRAP SET	1	
94992S	8'RR to 8'R STRAP SET	1	
09115	PUSH NUTS	520	
42146	BRACE SYSTEM COMPLETE	31	
NSS003	8' RADIUS NEXUS STAIR	1	
86151	CHANNEL-LOC SONOTUBE		
42116L	VERSA-FLEX STANDARD LIGHT PANEL		

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DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - A	8'-8 1/4"
1 - B	12'-2 1/2"
1 - C	21'-6 1/4"
1 - D	25'-5 1/2"
1 - E	20'-2 1/2"
1 - F	35'-1 1/4"
1 - G	16'-9"
1 - H	31'-10 1/4"
1 - I	31'-9 1/4"
1 - J	16'-6 1/4"
1 - K	20'-1 3/4"
1 - L	33'-5 3/4"
1 - M	29'-11 1/4"
1 - N	7'-11 1/4"
1 - O	34'-5 3/4"
1 - P	10'-11 1/4"

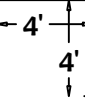
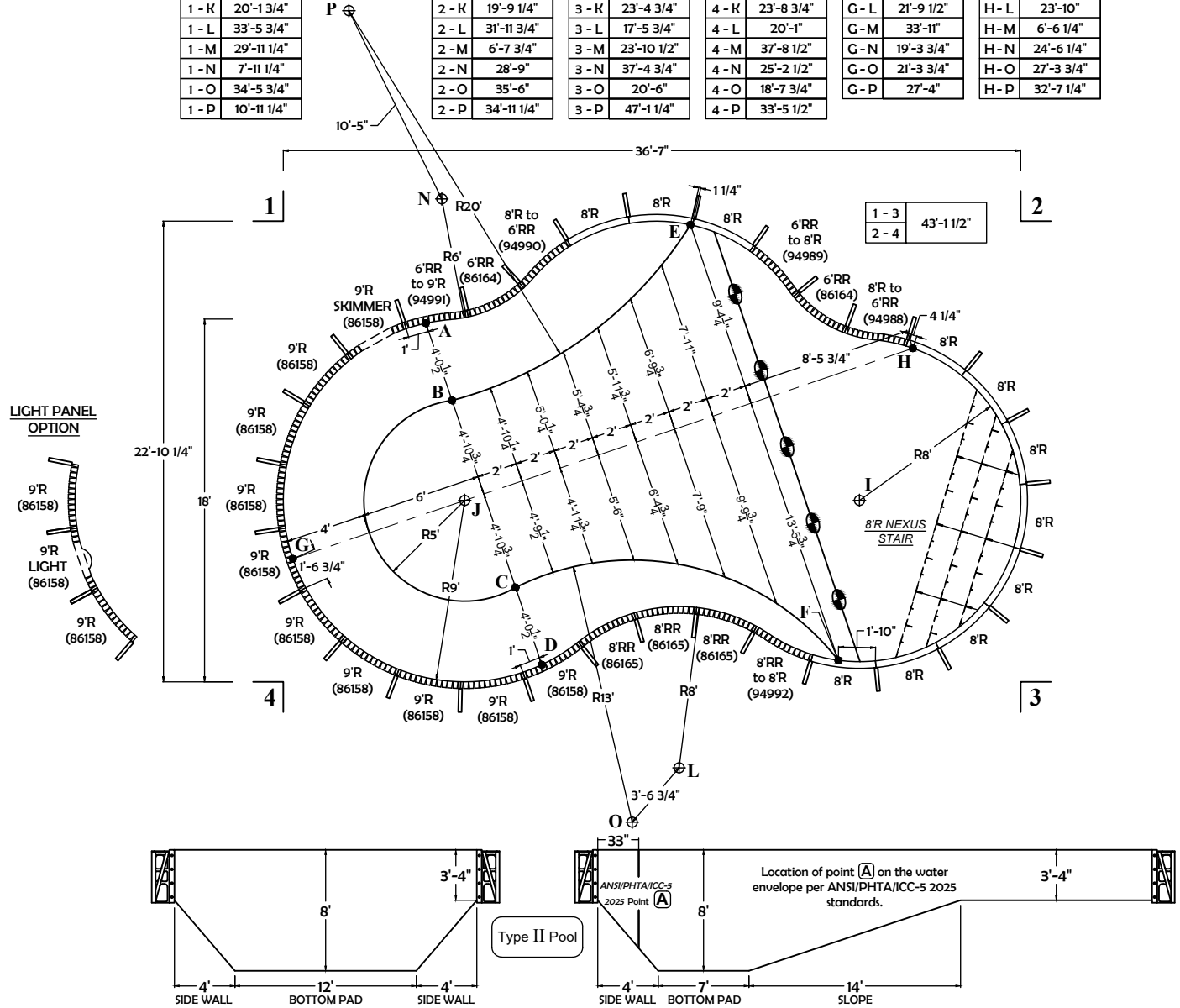
2 - A	29'-11 1/4"
2 - B	29'-7"
2 - C	30'-11 1/2"
2 - D	32'-4 1/2"
2 - E	16'-4 3/4"
2 - F	23'-7"
2 - G	39'-9 1/2"
2 - H	8'-3 1/4"
2 - I	16'
2 - J	30'-10 1/2"
2 - K	19'-9 1/4"
2 - L	31'-11 3/4"
2 - M	6'-7 3/4"
2 - N	28'-9"
2 - O	35'-6"
2 - P	34'-11 1/4"

3 - A	34'-5 1/2"
3 - B	31'-5 3/4"
3 - C	25'-6"
3 - D	23'-9 1/4"
3 - E	27'-11 3/4"
3 - F	9'-1 1/4"
3 - G	36'-7 1/2"
3 - H	17'-4 3/4"
3 - I	12'-0 1/2"
3 - J	29'-0 1/4"
3 - K	23'-4 3/4"
3 - L	31'-11 3/4"
3 - M	23'-10 1/2"
3 - N	37'-4 3/4"
3 - O	20'-6"
3 - P	47'-1 1/4"

4 - A	19'-1 3/4"
4 - B	16'-3 1/4"
4 - C	12'-5 1/4"
4 - D	12'-10 1/4"
4 - E	30'-4 1/4"
4 - F	27'-6 3/4"
4 - G	6'-1 1/2"
4 - H	35'-4 1/4"
4 - I	29'-11 1/2"
4 - J	12'-8 3/4"
4 - K	23'-8 3/4"
4 - L	20'-1"
4 - M	37'-8 1/2"
4 - N	25'-2 1/2"
4 - O	18'-7 3/4"
4 - P	33'-5 1/2"

G - A	13'-5"
G - B	11'-1 3/4"
G - C	11'-1 3/4"
G - D	13'-5"
G - E	25'-9"
G - F	27'-6 1/4"
G - H	32'-5 3/4"
G - I	28'-3"
G - J	9'
G - K	20'-0 1/2"
G - L	21'-9 1/2"
G - M	33'-11"
G - N	19'-3 3/4"
G - O	21'-3 3/4"
G - P	27'-4"

H - A	24'-2 1/4"
H - B	23'
H - C	23'
H - D	24'-2 1/4"
H - E	12'-7 1/2"
H - F	15'-11"
H - G	32'-5 3/4"
H - I	8'
H - J	23'-5 3/4"
H - K	12'-10"
H - L	23'-10"
H - M	6'-6 1/4"
H - N	24'-6 1/4"
H - O	27'-3 3/4"
H - P	32'-7 1/4"



23' x 36' Left Mountain Lake w/ Nexus Stair

Perimeter	97'-4 1/4" / 29.67 m
Surface Area	591.68 SF / 54.97 m ²
Volume	19900 gal / 75200 L
Liner Sq. Ft.	658.50 SF

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Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	11
421165	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	19
861585	9' RADIUS STRAP SET	10
862005	8' RADIUS STRAP SET	
861645	6' REVERSE RADIUS STRAP SET	2
861655	8' REVERSE RADIUS STRAP SET	3
949885	8'R to 6'RR STRAP SET	1
949895	6'RR to 8'R STRAP SET	1
949905	8'R to 6'RR STRAP SET	1
949915	6'RR to 9'R STRAP SET	1
949925	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	520
42146	BRACE SYSTEM COMPLETE	31
NSS003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 8' Radius Nexus Stair.

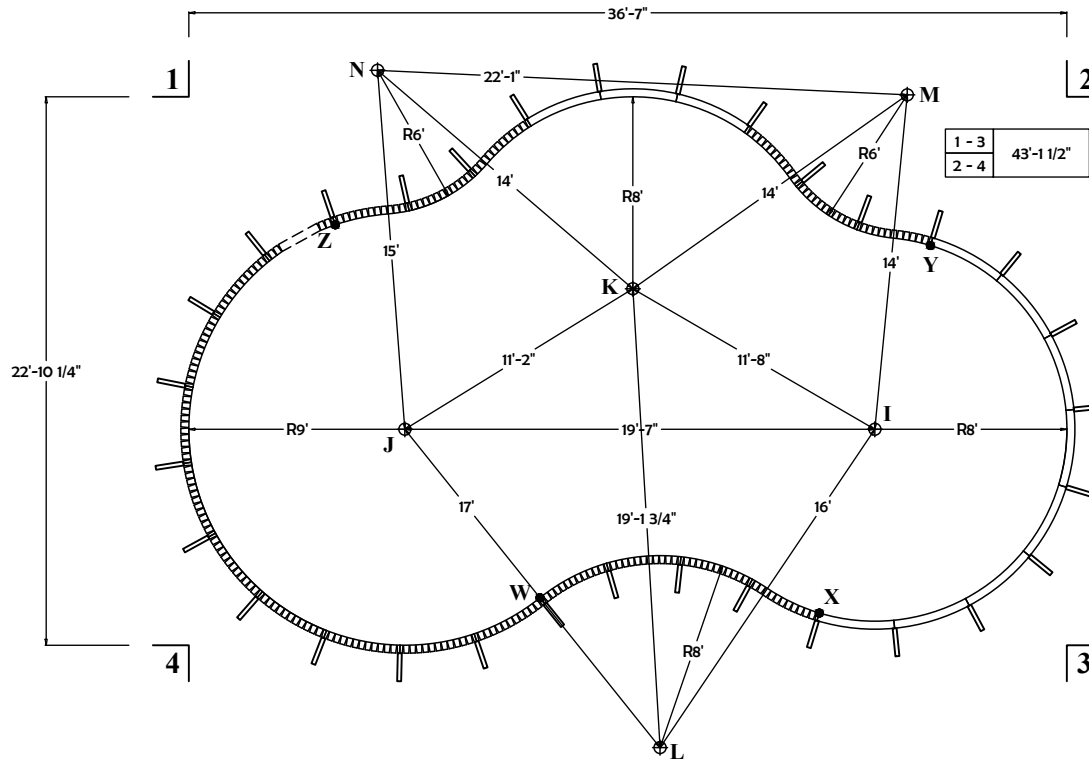
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - I	31'-9 1/4"	2 - I	16'	3 - I	12'-0 1/2"	4 - I	29'-11 1/2"
1 - J	16'-6 1/4"	2 - J	30'-10 1/2"	3 - J	29'-0 1/4"	4 - J	12'-8 3/4"
1 - K	20'-1 3/4"	2 - K	19'-9 1/4"	3 - K	23'-4 3/4"	4 - K	23'-8 3/4"
1 - L	33'-5 3/4"	2 - L	31'-11 3/4"	3 - L	17'-5 3/4"	4 - L	20'-1"
1 - M	29'-11 1/4"	2 - M	6'-7 3/4"	3 - M	23'-10 1/2"	4 - M	37'-8 1/2"
1 - N	7'-11 1/4"	2 - N	28'-9"	3 - N	37'-4 3/4"	4 - N	25'-2 1/2"
1 - W	25'-6"	2 - W	30'-3 1/2"	3 - W	22'-0 1/2"	4 - W	14'-9 1/4"
1 - X	33'-11 1/2"	2 - X	23'-10 1/4"	3 - X	10'-4 3/4"	4 - X	26'-3 3/4"
1 - Y	31'-6 1/4"	2 - Y	8'-5"	3 - Y	17'-7 1/4"	4 - Y	35'-1 1/4"
1 - Z	8'-1 1/4"	2 - Z	30'-11 1/4"	3 - Z	35'-2"	4 - Z	18'-6 3/4"



26' x 39' Right Mountain Lake

Perimeter	105'-5" / 31.3 m
Surface Area	685.3 SF / 63.7 m ²
Volume	23000 gal / 87250 L
Liner Sq. Ft.	785.00 SF

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ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42112	10' RADIUS PANEL	11
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	8
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
86200S	8' RADIUS STRAP SET	
86273S	10' RADIUS STRAP SET	
86231S	6'RR to 8'R STRAP SET	1
86233S	8'R to 8'RR STRAP SET	1
86235S	8'RR to 10'R STRAP SET	1
09115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	32
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

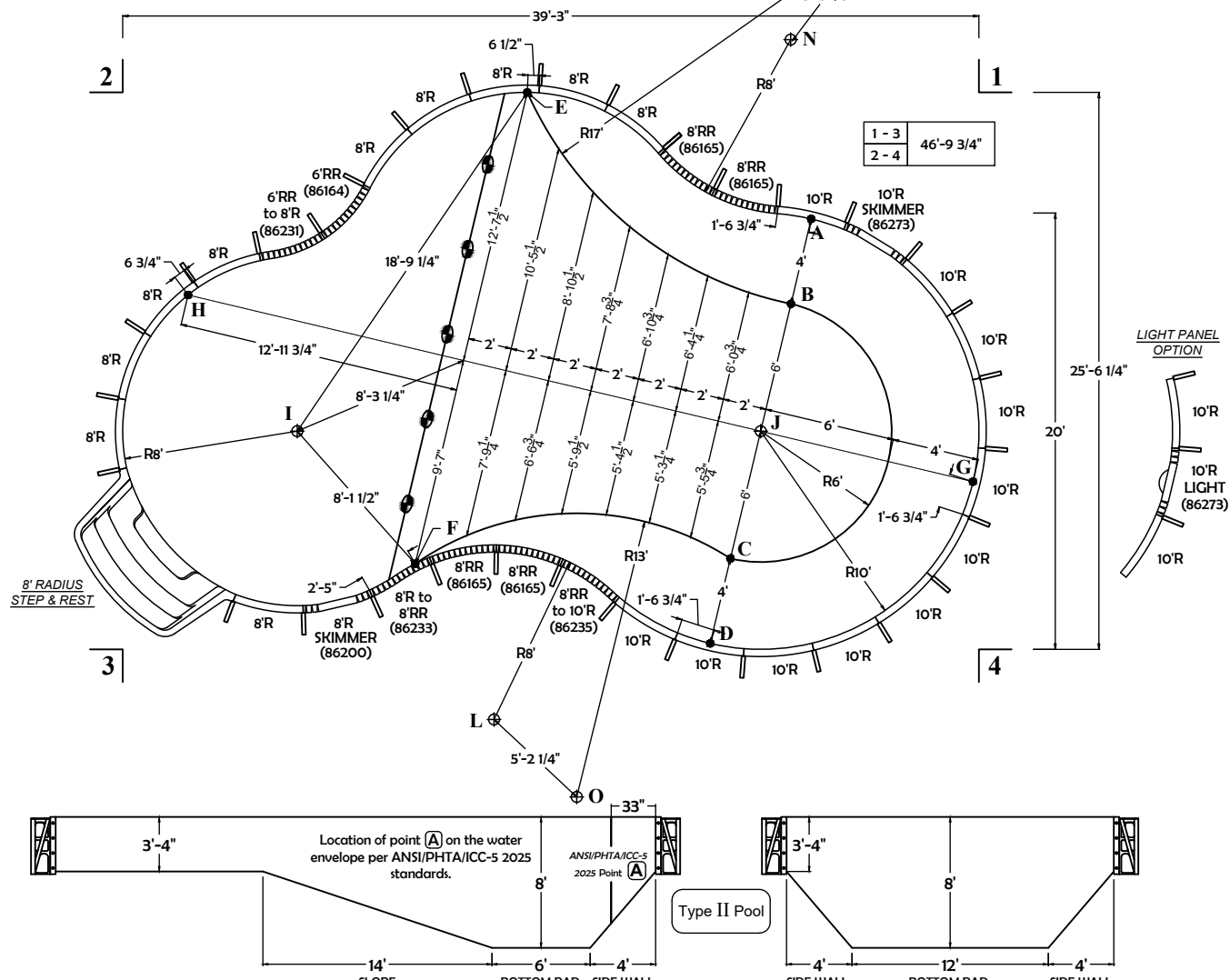
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	9'-7 1/2"	2 - A	32'-1"	3 - A	37'-2 1/2"	4 - A	21'-2"	G - A	14'-1 3/4"	H - A	28'-9 1/4"
1 - B	12'-11 1/2"	2 - B	32'-1 1/2"	3 - B	34'-5 3/4"	4 - B	18'-0 1/4"	G - B	11'-8"	H - B	27'-7 3/4"
1 - C	24'-2 1/2"	2 - C	35'-1 1/4"	3 - C	28'-2"	4 - C	12'-1 1/2"	G - C	11'-8"	H - C	27'-7 3/4"
1 - D	28'-1 1/4"	2 - D	36'-11"	3 - D	26'-11 1/4"	4 - D	12'-3 3/4"	G - D	14'-1 3/4"	H - D	28'-9 1/4"
1 - E	20'-8 1/4"	2 - E	18'-6 1/2"	3 - E	31'-6 1/2"	4 - E	32'-10 1/4"	G - E	27'-1 1/2"	H - E	18'-1 1/4"
1 - F	33'-8 1/4"	2 - F	25'-5"	3 - F	13'-11 1/2"	4 - F	26'-1 1/2"	G - F	25'-10"	H - F	16'-1 1/2"
1 - G	17'-10"	2 - G	42'-10 1/4"	3 - G	39'-8 3/4"	4 - G	7'-8 1/4"	G - G	36'-11 3/4"	H - G	36'-11 3/4"
1 - H	37'-5"	2 - H	9'-9"	3 - H	16'-6 1/4"	4 - H	39'-8 1/2"	G - H	31'-0 3/4"	H - H	8'
1 - I	34'-10 3/4"	2 - I	17'-5 1/2"	3 - I	12'-9 3/4"	4 - I	32'-9 3/4"	G - I	10'	H - I	26'-11 3/4"
1 - J	18'-5 3/4"	2 - J	33'-1 1/4"	3 - J	30'-10 3/4"	4 - J	14'-1 3/4"	G - K	22'-8 3/4"	H - K	15'-6 1/4"
1 - K	22'-3"	2 - K	20'-1 1/2"	3 - K	25'-5 1/2"	4 - K	27'-2"	G - L	24'-6"	H - L	23'-11 3/4"
1 - L	36'-4"	2 - L	33'-4 3/4"	3 - L	17'-3 3/4"	4 - L	22'-5 1/2"	G - M	36'-8 3/4"	H - M	8'-2 1/4"
1 - M	33'-3 1/2"	2 - M	6'-2 1/2"	3 - M	24'-7"	4 - M	40'-11"	G - N	21'-11"	H - N	30'
1 - N	8'-11 1/2"	2 - N	30'-8 1/2"	3 - N	41'-5 1/2"	4 - N	29'-3"	G - O	23'-2 1/2"	H - O	29'-1 1/4"
1 - O	37'-2 1/4"	2 - O	38'-5"	3 - O	21'-10 1/2"	4 - O	19'-7 1/2"	G - P	25'-3 1/2"	H - P	35'-0 1/2"
1 - P	8'-8 1/4"	2 - P	34'-9"	3 - P	47'-0 3/4"	4 - P	32'-10 3/4"				



26' x 39' Right Mountain Lake

Perimeter	105'-5" / 31.13 m
Surface Area	685.3 SF / 63.7 m ²
Volume	23000 gal / 87250 L
Liner Sq. Ft.	785.00 SF

page
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8' Radius Step

ITEM #	PART DESCRIPTION	QTY
42111	8' RADIUS PANEL	10
42112	10' RADIUS PANEL	11
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	8
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
86200S	8' RADIUS STRAP SET	
86273S	10' RADIUS STRAP SET	
86231S	6'RR to 8'R STRAP SET	1
86233S	8'R to 8'RR STRAP SET	1
86235S	8'RR to 10'R STRAP SET	1
09115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	32
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	34'-10 3/4"	2 - I	17'-5 1/2"	3 - I	12'-9 3/4"	4 - I	32'-9 3/4"
1 - J	18'-5 3/4"	2 - J	33'-1 1/4"	3 - J	30'-10 3/4"	4 - J	14'-1 3/4"
1 - K	22'-3"	2 - K	20'-1 1/2"	3 - K	25'-5 1/2"	4 - K	27'-2"
1 - L	36'-4"	2 - L	33'-4 3/4"	3 - L	17'-3 3/4"	4 - L	22'-5 1/2"
1 - M	33'-3 1/2"	2 - M	6'-2 1/2"	3 - M	24'-7"	4 - M	40'-11"
1 - N	8'-11 1/2"	2 - N	30'-8 1/2"	3 - N	41'-5 1/2"	4 - N	29'-3"
1 - W	28'-5"	2 - W	32'-5 1/2"	3 - W	22'-10 3/4"	4 - W	16'-7 3/4"
1 - X	36'-0 3/4"	2 - X	25'-5 1/2"	3 - X	11'-7 1/2"	4 - X	28'-0 3/4"
1 - Y	33'-9 3/4"	2 - Y	9'-11 1/2"	3 - Y	18'-11"	4 - Y	37'-5 1/4"
1 - Z	10'-9 1/4"	2 - Z	30'-6 1/4"	3 - Z	36'-0 1/2"	4 - Z	22'

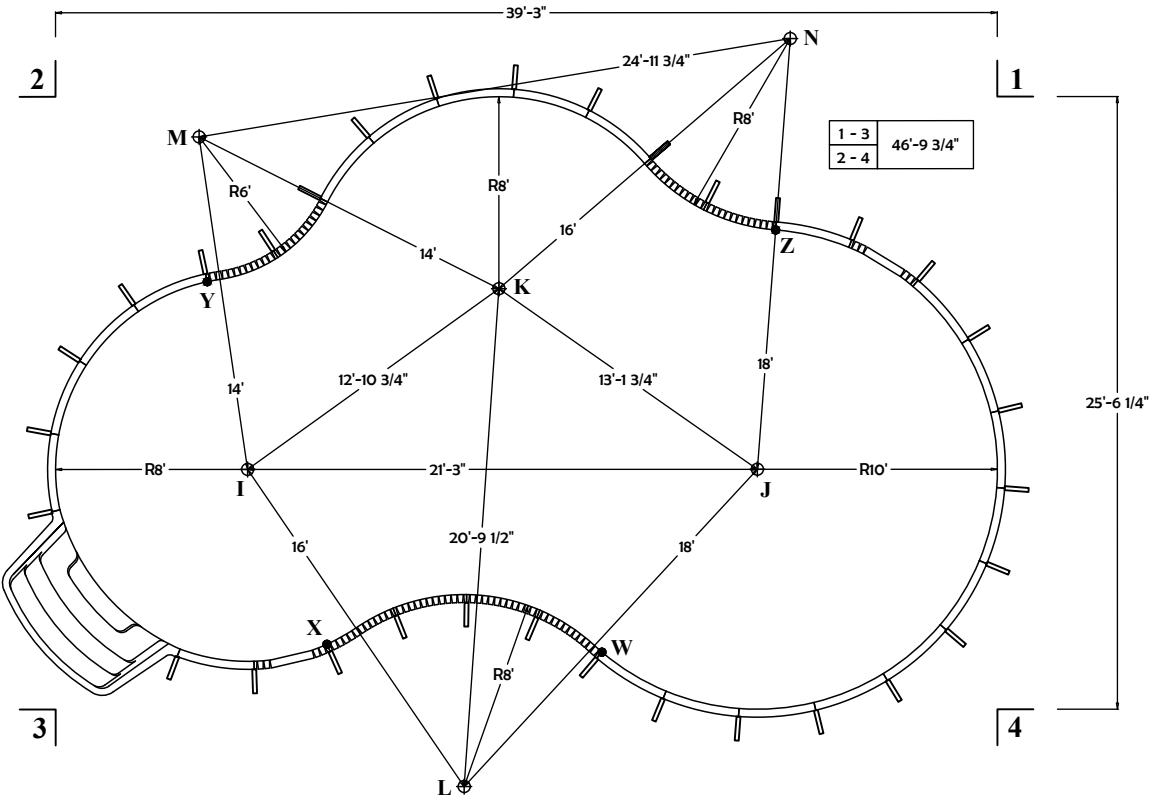
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
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26' x 39' Right Mountain Lake



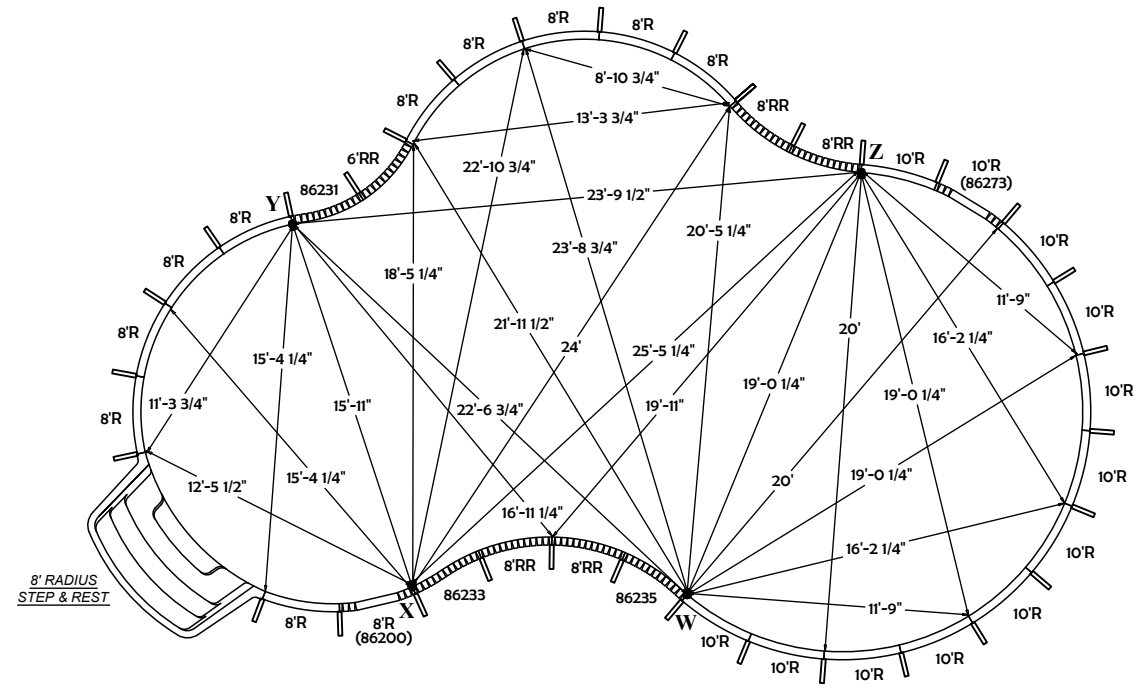
Perimeter	105'-5" / 31.13 m
Surface Area	685.3 SF / 63.7 m ²
Volume	23000 gal / 87250 L
Liner Sq. Ft.	785.00 SF

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3 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42112	10' RADIUS PANEL	11
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	8
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
86200S	8' RADIUS STRAP SET	
86273S	10' RADIUS STRAP SET	
86231S	6'RR to 8'R STRAP SET	1
86233S	8'R to 8'RR STRAP SET	1
86235S	8'RR to 10'R STRAP SET	1
09115	PUSH NUTS	260
42146	BRACE SYSTEM COMPLETE	32
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

26' x 39' Left Mountain Lake

Perimeter	105-5" / 31.13 m	page 1 of 3	8' Radius Step
Surface Area	685.3 SF / 63.7 m ²		
Volume	23000 gal / 87250 L		
Liner Sq. Ft.	785.00 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42112	10' RADIUS PANEL	12
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	7
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
86200S	8' RADIUS STRAP SET	
86273S	10' RADIUS STRAP SET	
86232S	8'R to 6'RR STRAP SET	1
86234S	8'RR to 8'R STRAP SET	1
86236S	10'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	32
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection	
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.	

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
 The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - A	9'-7 1/2"
1 - B	12'-11 1/2"
1 - C	24'-2 1/2"
1 - D	28'-1 1/4"
1 - E	20'-8 1/4"
1 - F	33'-8 1/4"
1 - G	17'-10"
1 - H	37'-5"
1 - I	34'-10 3/4"
1 - J	18'-5 3/4"
1 - K	22'-3"
1 - L	36'-4"
1 - M	33'-3 1/2"
1 - N	8'-11 1/2"
1 - O	37'-2 1/4"
1 - P	8'-8 1/4"

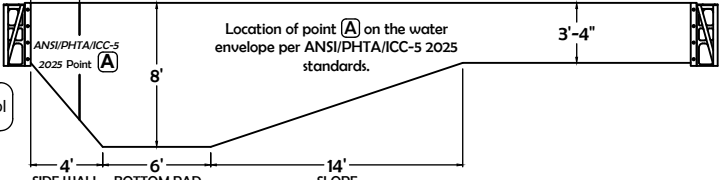
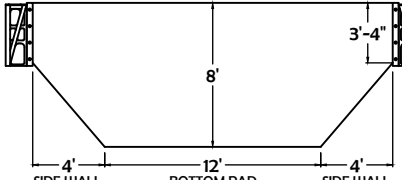
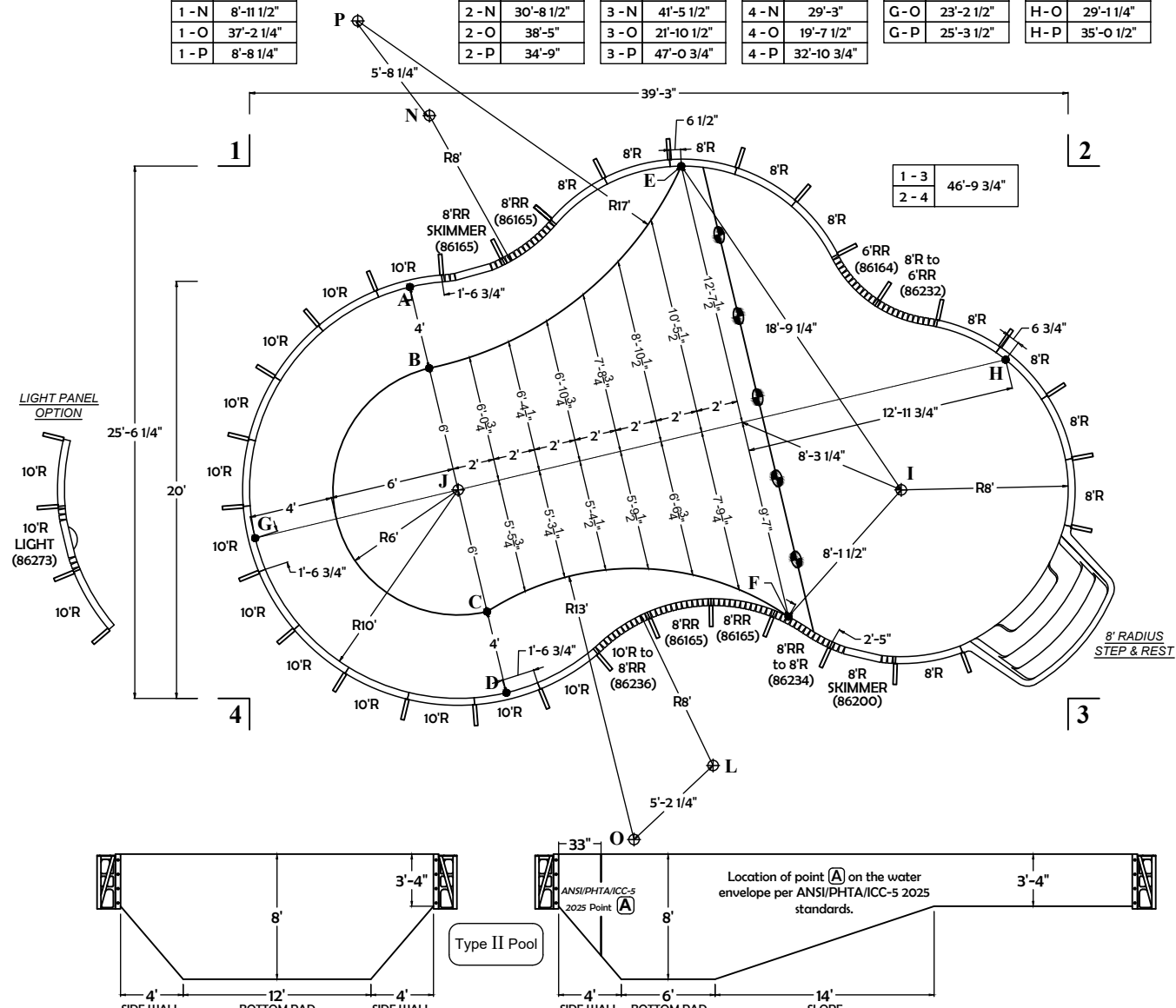
2 - A	32'-1"
2 - B	32'-1 1/2"
2 - C	35'-1 1/4"
2 - D	36'-11"
2 - E	18'-6 1/2"
2 - F	25'-5"
2 - G	42'-10 1/4"
2 - H	9'-9"
2 - I	17'-5 1/2"
2 - J	33'-1 1/4"
2 - K	20'-1 1/2"
2 - L	33'-4 3/4"
2 - M	6'-2 1/2"
2 - N	30'-8 1/2"
2 - O	38'-5"
2 - P	34'-9"

3 - A	37'-2 1/2"
3 - B	34'-5 3/4"
3 - C	28'-2"
3 - D	26'-11 1/4"
3 - E	31'-6 1/2"
3 - F	13'-11 1/2"
3 - G	39'-8 3/4"
3 - H	16'-6 1/4"
3 - I	12'-9 3/4"
3 - J	30'-10 3/4"
3 - K	25'-5 1/2"
3 - L	17'-3 3/4"
3 - M	24'-7"
3 - N	41'-5 1/2"
3 - O	21'-10 1/2"
3 - P	47'-0 3/4"

4 - A	21'-2"
4 - B	18'-0 1/4"
4 - C	12'-1 1/2"
4 - D	12'-3 3/4"
4 - E	32'-10 1/4"
4 - F	26'-1 1/2"
4 - G	7'-8 1/4"
4 - H	39'-8 1/2"
4 - I	32'-9 3/4"
4 - J	14'-1 3/4"
4 - K	27'-2"
4 - L	22'-5 1/2"
4 - M	21'-11"
4 - N	29'-3"
4 - O	19'-7 1/2"
4 - P	32'-10 3/4"

G - A	14'-1 3/4"
G - B	11'-8"
G - C	11'-8"
G - D	14'-1 3/4"
G - E	27'-1 1/2"
G - F	25'-10"
G - H	36'-11 3/4"
G - I	31'-0 3/4"
G - J	10'
G - K	22'-8 3/4"
G - L	24'-6"
G - M	36'-8 3/4"
G - N	21'-11"
G - O	23'-2 1/2"
G - P	25'-3 1/2"

H - A	28'-9 1/4"
H - B	27'-7 3/4"
H - C	27'-7 3/4"
H - D	28'-9 1/4"
H - E	18'-1 1/4"
H - F	16'-1 1/2"
H - G	36'-11 3/4"
H - I	8'
H - J	26'-11 3/4"
H - K	15'-6 1/4"
H - L	23'-11 3/4"
H - M	8'-2 1/4"
H - N	30'
H - O	29'-1 1/4"
H - P	35'-0 1/2"



26' x 39' Left Mountain Lake

Perimeter	105'-5" / 31.13 m
Surface Area	685.3 SF / 63.7 m ²
Volume	23000 gal / 87250 L
Liner Sq. Ft.	785.00 SF

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2 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	10
42112	10' RADIUS PANEL	12
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	7
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
86200S	8' RADIUS STRAP SET	
86273S	10' RADIUS STRAP SET	
86232S	8'R to 6'RR STRAP SET	1
86234S	8'RR to 8'R STRAP SET	1
86236S	10'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	32
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

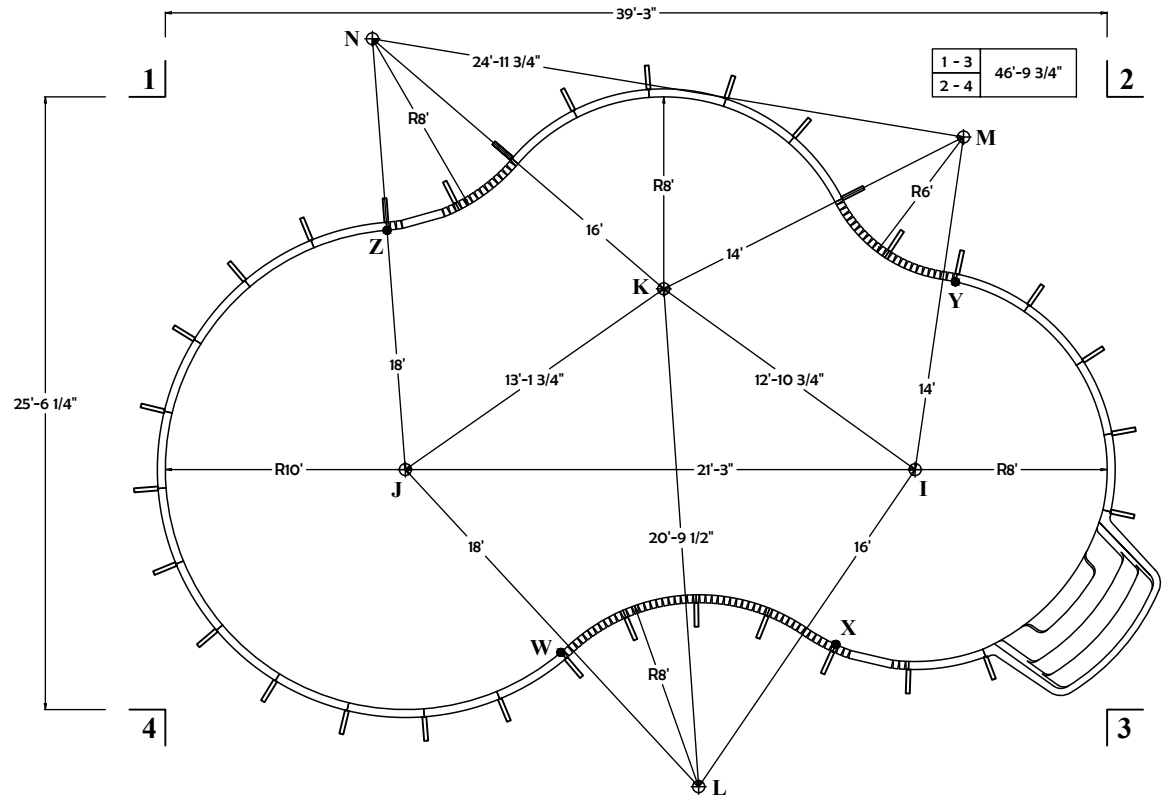
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - I	34'-10 3/4"	2 - I	17'-5 1/2"	3 - I	12'-9 3/4"	4 - I	32'-9 3/4"
1 - J	18'-5 3/4"	2 - J	33'-1 1/4"	3 - J	30'-10 3/4"	4 - J	14'-1 3/4"
1 - K	22'-3"	2 - K	20'-1 1/2"	3 - K	25'-5 1/2"	4 - K	27'-2"
1 - L	36'-4"	2 - L	33'-4 3/4"	3 - L	17'-3 3/4"	4 - L	22'-5 1/2"
1 - M	33'-3 1/2"	2 - M	6'-2 1/2"	3 - M	24'-7"	4 - M	40'-11"
1 - N	8'-11 1/2"	2 - N	30'-8 1/2"	3 - N	41'-5 1/2"	4 - N	29'-3"
1 - W	28'-5"	2 - W	32'-5 1/2"	3 - W	22'-10 3/4"	4 - W	16'-7 3/4"
1 - X	36'-0 3/4"	2 - X	25'-5 1/2"	3 - X	11'-7 1/2"	4 - X	28'-0 3/4"
1 - Y	33'-9 3/4"	2 - Y	9'-11 1/2"	3 - Y	18'-11"	4 - Y	37'-5 1/4"
1 - Z	10'-9 1/4"	2 - Z	30'-6 1/4"	3 - Z	36'-0 1/2"	4 - Z	22'



26' x 39' Right Mountain Lake w/ Nexus Stair

Perimeter	106'-9" / 32.54 m
Surface Area	692.3 SF / 64.3 m ²
Volume	22700 gal / 85950 L
Liner Sq. Ft.	797.50 SF

page
2 of 3

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	13
42112	10' RADIUS PANEL	12
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	7
86273S	10' RADIUS STRAP SET	
86200S	8' RADIUS STRAP SET	
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
88975S	6'RR to 8'R STRAP SET	1
88976S	8'RR to 10'R STRAP SET	1
88977S	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	34
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 8' Radius Nexus Stair.

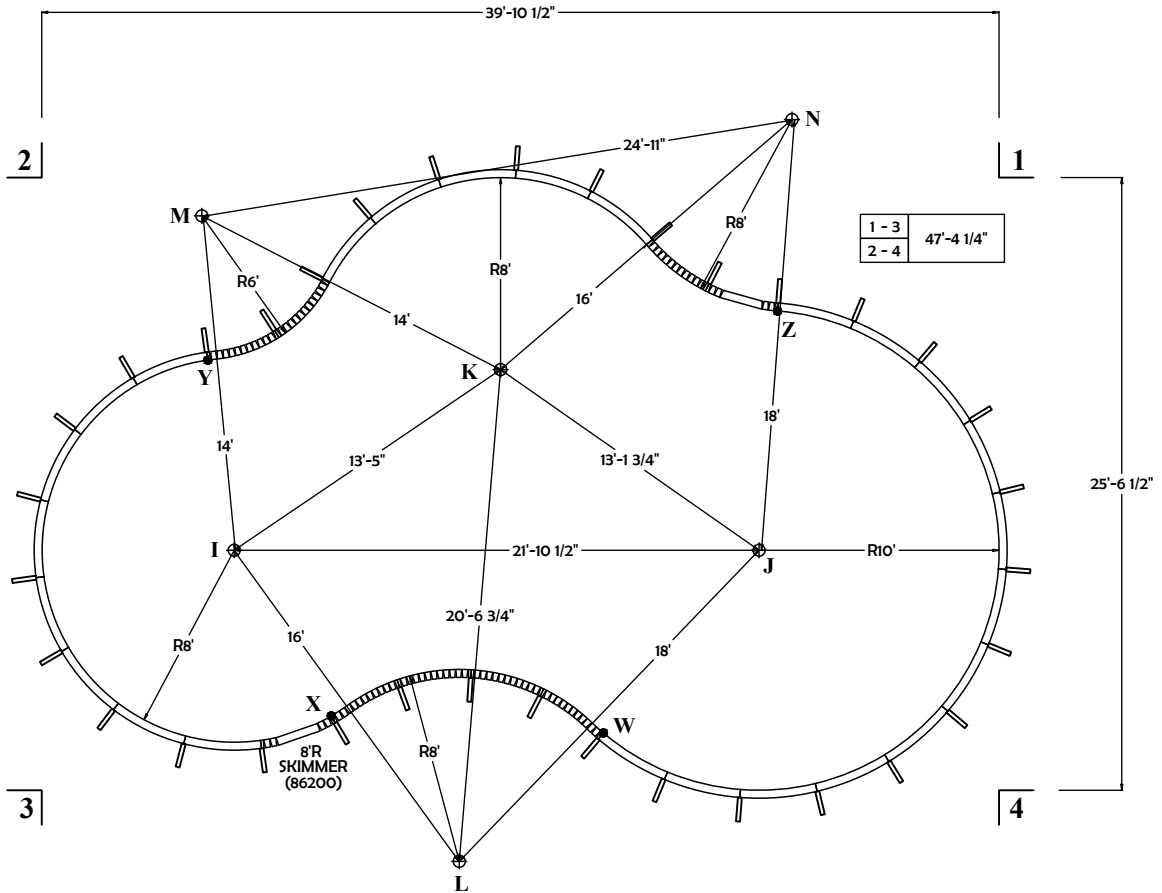
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- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - I	35'-5 1/2"	2 - I	17'-5 3/4"	3 - I	12'-9 3/4"	4 - I	33'-4 3/4"
1 - J	18'-5 3/4"	2 - J	33'-8 1/4"	3 - J	31'-6 1/4"	4 - J	14'-1 3/4"
1 - K	22'-3"	2 - K	20'-8 3/4"	3 - K	25'-11 1/4"	4 - K	27'-2"
1 - L	36'-3 1/2"	2 - L	33'-4 1/2"	3 - L	17'-7 3/4"	4 - L	22'-8 1/4"
1 - M	33'-3"	2 - M	6'-10 1/4"	3 - M	24'-10 1/4"	4 - M	40'-11 1/4"
1 - N	8'-11 1/2"	2 - N	31'-4 1/4"	3 - N	41'-11 1/4"	4 - N	29'-3"
1 - W	28'-5"	2 - W	32'-11"	3 - W	23'-6 1/4"	4 - W	16'-8"
1 - X	35'-9"	2 - X	25'-5 3/4"	3 - X	12'-5 1/2"	4 - X	28'
1 - Y	33'-10"	2 - Y	10'-3 1/2"	3 - Y	19'-2 1/2"	4 - Y	37'-6 1/4"
1 - Z	10'-9 1/4"	2 - Z	31'-2"	3 - Z	36'-7"	4 - Z	22'



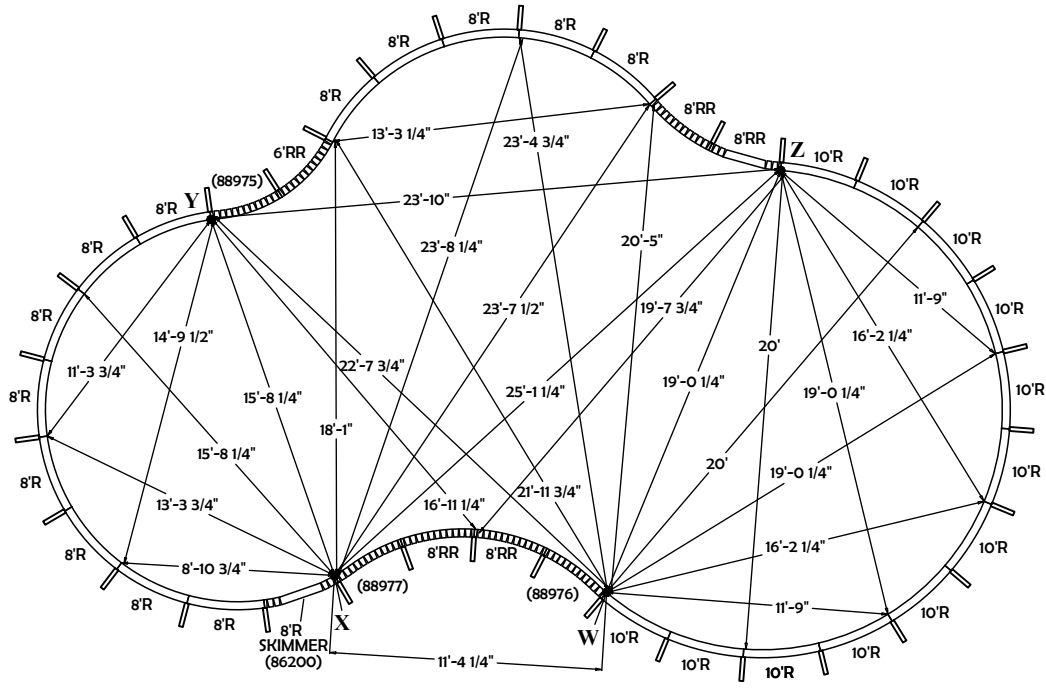
4'
4'

26' x 39' Right Mountain Lake w/ Nexus Stair

Perimeter	106'-9" / 32.54 m	page 3 of 3	Nexus Stair
Surface Area	692.3 SF / 64.3 m ²		
Volume	22700 gal / 85950 L		
Liner Sq. Ft.	797.50 SF		

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	13
42112	10' RADIUS PANEL	12
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	7
86273S	10' RADIUS STRAP SET	
86200S	8' RADIUS STRAP SET	
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
88975S	6'RR to 8'R STRAP SET	1
88976S	8'RR to 10'R STRAP SET	1
88977S	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	34
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

26' x 39' Left Mountain Lake w/ Nexus Stair

Perimeter	106'-9" / 32.54 m	page 1 of 3
Surface Area	692.3 SF / 64.3 m ²	
Volume	22700 gal / 85950 L	
Liner Sq. Ft.	797.50 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
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42112	10' RADIUS PANEL	12
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42115	VERSA-FLEX PANEL	7
86273S	10' RADIUS STRAP SET	
86200S	8' RADIUS STRAP SET	
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
88978S	8'R to 6'RR STRAP SET	1
88979S	8'RR to 8'R STRAP SET	1
88980S	10'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	34
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

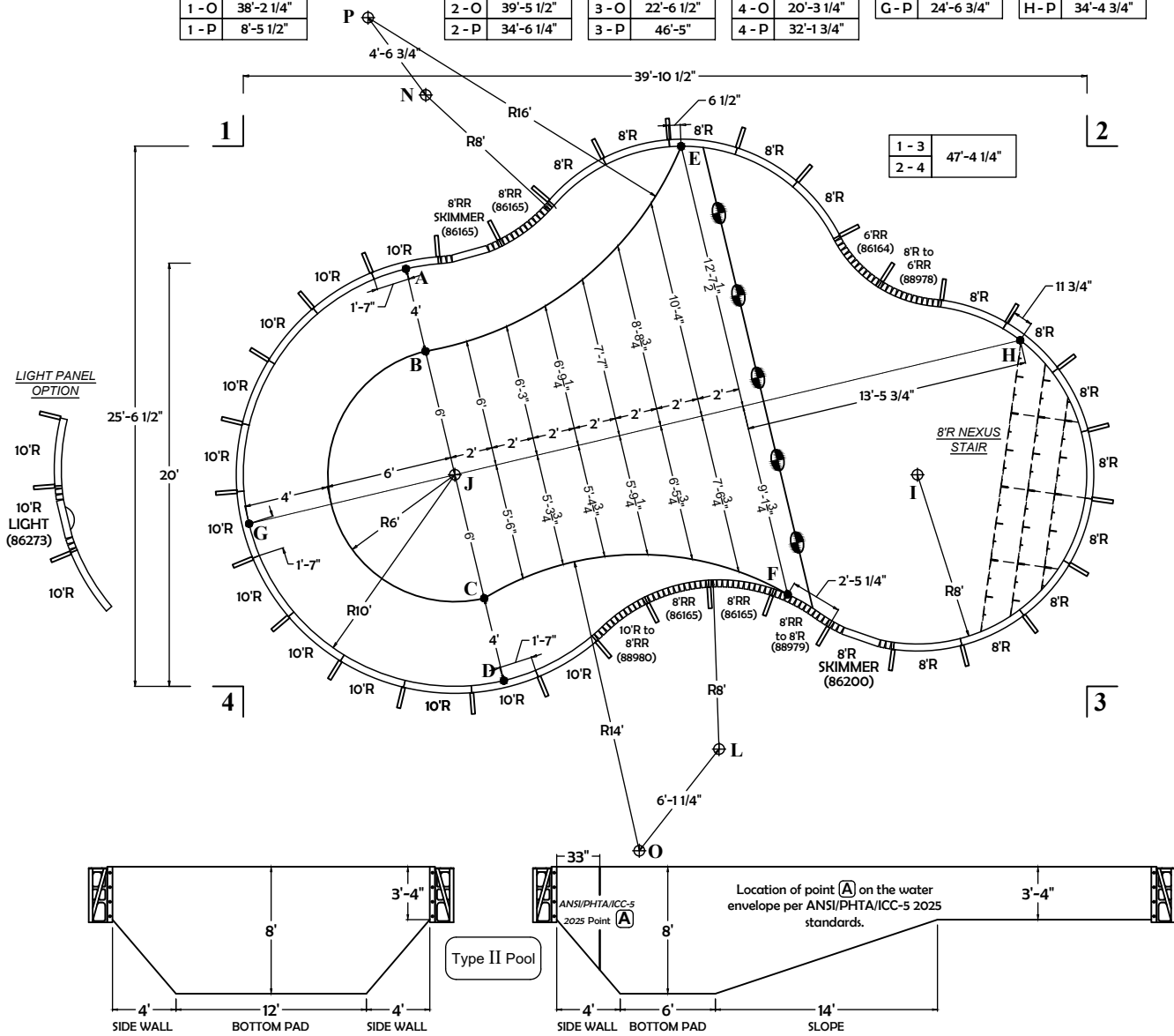
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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - A	9'-7 1/2"	2 - A	32'-8 1/2"	3 - A	37'-9 1/4"	4 - A	21'-2"	G - A	14'-1 3/4"	H - A	29'-2 3/4"
1 - B	12'-11 1/2"	2 - B	32'-9"	3 - B	35'-0 3/4"	4 - B	18'-0 1/4"	G - B	11'-8"	H - B	28'-1 1/2"
1 - C	24'-2 1/2"	2 - C	35'-7 1/2"	3 - C	28'-9 1/2"	4 - C	12'-1 1/2"	G - C	11'-8"	H - C	28'-1 1/2"
1 - D	28'-1 1/4"	2 - D	37'-4 3/4"	3 - D	27'-6 3/4"	4 - D	12'-3 3/4"	G - D	14'-1 3/4"	H - D	29'-2 3/4"
1 - E	20'-8 1/4"	2 - E	19'-2 1/4"	3 - E	31'-11 1/4"	4 - E	32'-10 1/4"	G - E	27'-1 1/2"	H - E	18'-5 1/2"
1 - F	33'-4"	2 - F	25'-5 3/4"	3 - F	14'-9 3/4"	4 - F	26'-1 1/4"	G - F	25'-8 1/4"	H - F	16'-3 1/4"
1 - G	17'-10 1/4"	2 - G	43'-5 1/4"	3 - G	40'-4 1/4"	4 - G	7'-8 1/4"	G - H	37'-5 3/4"	H - G	37'-5 3/4"
1 - H	37'-10 1/4"	2 - H	9'-8 1/2"	3 - H	16'-8"	4 - H	40'-2 1/2"	G - I	31'-8 1/4"	H - I	8'
1 - I	35'-5 1/2"	2 - I	17'-5 3/4"	3 - I	12'-9 3/4"	4 - I	33'-4 3/4"	G - J	10'	H - J	27'-5 3/4"
1 - J	18'-5 3/4"	2 - J	33'-8 1/4"	3 - J	31'-6 1/4"	4 - J	14'-1 3/4"	G - K	22'-8 3/4"	H - K	16'
1 - K	22'-3"	2 - K	20'-8 3/4"	3 - K	25'-11 1/4"	4 - K	27'-2"	G - L	24'-7 3/4"	H - L	24'
1 - L	36'-3 1/2"	2 - L	33'-4 1/2"	3 - L	17'-7 3/4"	4 - L	22'-8 1/4"	G - M	36'-8 3/4"	H - M	8'-4 1/4"
1 - M	33'-3"	2 - M	6'-10 1/4"	3 - M	24'-10 1/4"	4 - M	40'-11 1/4"	G - N	21'-11"	H - N	30'-4 3/4"
1 - N	8'-11 1/2"	2 - N	31'-4 1/4"	3 - N	41'-11 1/4"	4 - N	29'-3"	G - O	24'-0 3/4"	H - O	30'-1 1/4"
1 - O	38'-2 1/4"	2 - O	39'-5 1/2"	3 - O	22'-6 1/2"	4 - O	20'-3 1/4"	G - P	24'-6 3/4"	H - P	34'-4 3/4"
1 - P	8'-5 1/2"	2 - P	34'-6 1/4"	3 - P	46'-5"	4 - P	32'-1 3/4"				



26' x 39' Left Mountain Lake w/ Nexus Stair

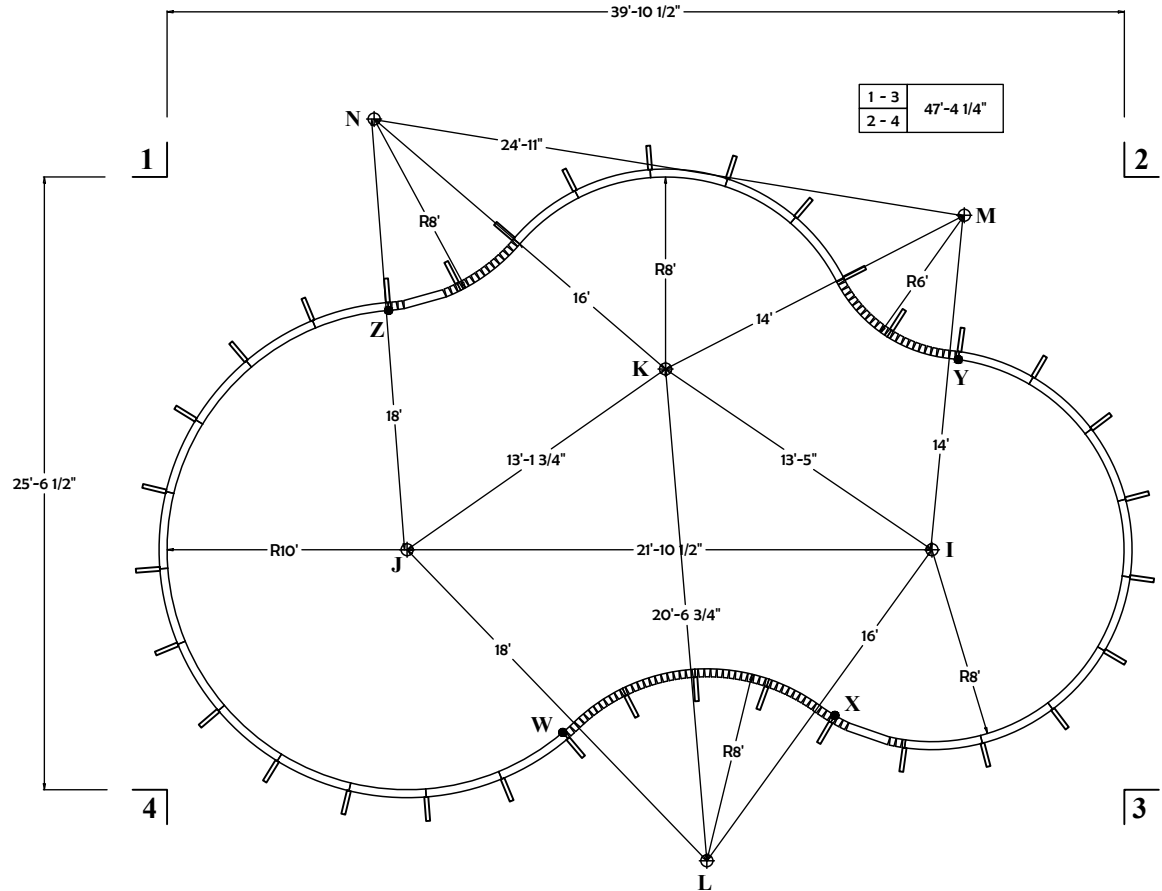
Perimeter	106'-9" / 32.54 m
Surface Area	692.3 SF / 64.3 m ²
Volume	22700 gal / 85950 L
Liner Sq. Ft.	797.50 SF

page
2 of 3

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	13
42112	10' RADIUS PANEL	12
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	7
86273S	10' RADIUS STRAP SET	
86200S	8' RADIUS STRAP SET	
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
88978S	8'R to 6'RR STRAP SET	1
88979S	8'RR to 8'R STRAP SET	1
88980S	10'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	34
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	35'-5 1/2"	2 - I	17'-5 3/4"	3 - I	12'-9 3/4"	4 - I	33'-4 3/4"
1 - J	18'-5 3/4"	2 - J	33'-8 1/4"	3 - J	31'-6 1/4"	4 - J	14'-1 3/4"
1 - K	22'-3"	2 - K	20'-8 3/4"	3 - K	25'-11 1/4"	4 - K	27'-2"
1 - L	36'-3 1/2"	2 - L	33'-4 1/2"	3 - L	17'-7 3/4"	4 - L	22'-8 1/4"
1 - M	33'-3"	2 - M	6'-10 1/4"	3 - M	24'-10 1/4"	4 - M	40'-11 1/4"
1 - N	8'-11 1/2"	2 - N	31'-4 1/4"	3 - N	41'-11 1/4"	4 - N	29'-3"
1 - W	28'-5"	2 - W	32'-11"	3 - W	23'-6 1/4"	4 - W	16'-8"
1 - X	35'-9"	2 - X	25'-5 3/4"	3 - X	12'-5 1/2"	4 - X	28'
1 - Y	33'-10"	2 - Y	10'-3 1/2"	3 - Y	19'-2 1/2"	4 - Y	37'-6 1/4"
1 - Z	10'-9 1/4"	2 - Z	31'-2"	3 - Z	36'-7"	4 - Z	22'



This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

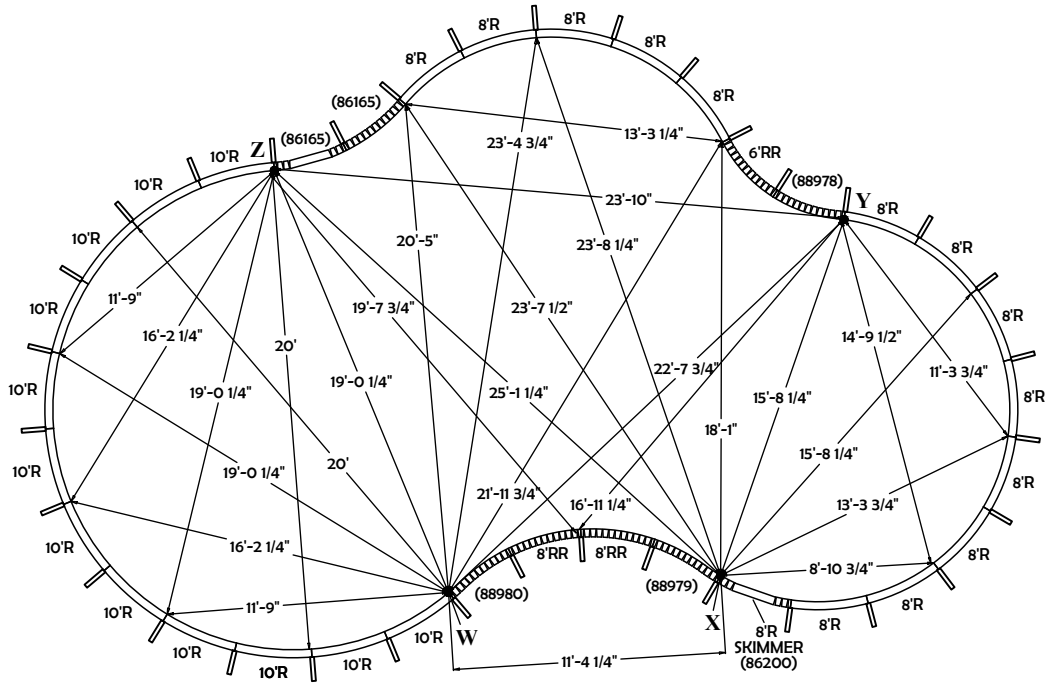
WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

26' x 39' Left Mountain Lake w/ Nexus Stair

Perimeter	106'-9" / 32.54 m	page 3 of 3	Nexus Stair
Surface Area	692.3 SF / 64.3 m ²		
Volume	22700 gal / 85950 L		
Liner Sq. Ft.	797.50 SF		

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	13
42112	10' RADIUS PANEL	12
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	7
86273S	10' RADIUS STRAP SET	
86200S	8' RADIUS STRAP SET	
86164S	6' REVERSE RADIUS STRAP SET	1
86165S	8' REVERSE RADIUS STRAP SET	4
88978S	8'R to 6'RR STRAP SET	1
88979S	8'RR to 8'R STRAP SET	1
88980S	10'R to 8'RR STRAP SET	1
09115	PUSH NUTS	234
42146	BRACE SYSTEM COMPLETE	34
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	



This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

26' x 41' Left Mountain Lake

Perimeter	108'-6" / 33.07 m
Surface Area	736.54 SF / 68.42 m ²
Volume	24500 gal / 92200 L
Liner Sq. Ft.	808.33 SF

page
2 of 3

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	3
42112	10' RADIUS PANEL	11
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	16
86165S	8' REVERSE RADIUS STRAP SET	7
86158S	9' RADIUS STRAP SET	7
86273S	10' RADIUS STRAP SET	
95004S	8'RR to 8'R STRAP SET	1
95005S	8'R to 8'RR STRAP SET	1
95006S	8'RR to 9'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	33
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

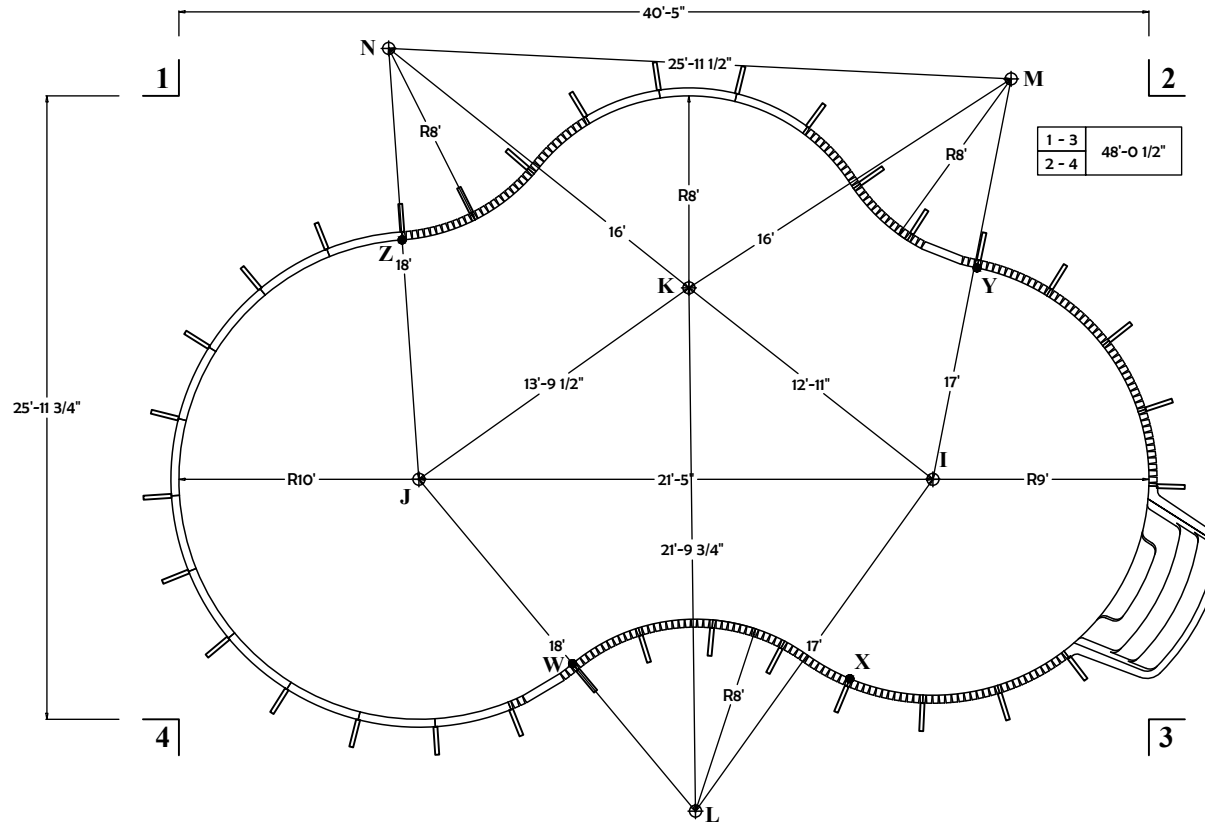
DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.

The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - I	35'-3"	2 - I	18'-4"	3 - I	13'-5 1/2"	4 - I	32'-11 3/4"
1 - J	18'-10 1/4"	2 - J	34'-4 1/4"	3 - J	32'-0 1/4"	4 - J	14'-1 3/4"
1 - K	22'-8 1/2"	2 - K	20'-9 1/4"	3 - K	26'-3 1/4"	4 - K	27'-10"
1 - L	36'-9 1/4"	2 - L	35'-3 1/2"	3 - L	19'-3 1/4"	4 - L	21'-10 1/4"
1 - M	34'-8 1/4"	2 - M	5'-9 1/2"	3 - M	27'-3 1/2"	4 - M	43'-9"
1 - N	8'-11 1/2"	2 - N	31'-8 3/4"	3 - N	42'-3"	4 - N	29'-3 1/2"
1 - W	28'-9 1/2"	2 - W	33'-8 1/2"	3 - W	24'-1 1/2"	4 - W	16'-6 3/4"
1 - X	37'-0 1/2"	2 - X	27'-3 1/2"	3 - X	12'-7"	4 - X	28"
1 - Y	34'-0 1/4"	2 - Y	10'-1 1/2"	3 - Y	20'-1 1/2"	4 - Y	38'-2 1/2"
1 - Z	11'-0 3/4"	2 - Z	31'-8 1/4"	3 - Z	36'-11 3/4"	4 - Z	22'-0 1/2"



26' x 41' Right Mountain Lake w/ Nexus Stair

Perimeter	109'-11" / 33.50 m	page 1 of 3
Surface Area	759.11 SF / 70.52 m ²	
Volume	24500 gal / 93000 L	
Liner Sq. Ft.	814.17 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	23
86273S	10' RADIUS STRAP SET	
86158S	9' RADIUS STRAP SET	13
86165S	8' REVERSE RADIUS STRAP SET	6
95007S	8'RR to 9'R STRAP SET	1
95008S	9'R to 8'RR STRAP SET	1
95009S	8'RR to 9'R STRAP SET	1
95010S	9'R to 8'RR STRAP SET	1
95011S	8'RR to 10'R STRAP SET	1
09115	PUSH NUTS	650
42146	BRACE SYSTEM COMPLETE	35
N55004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

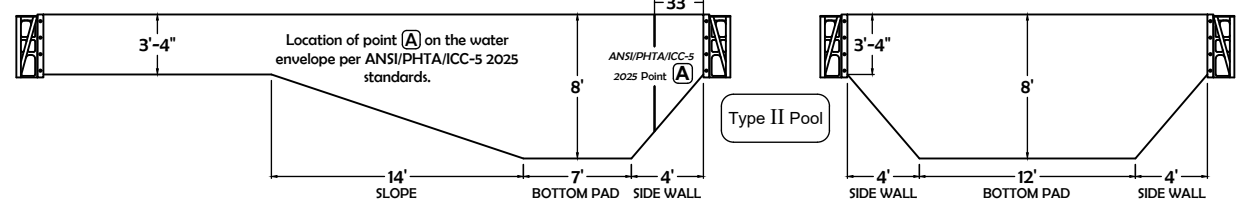
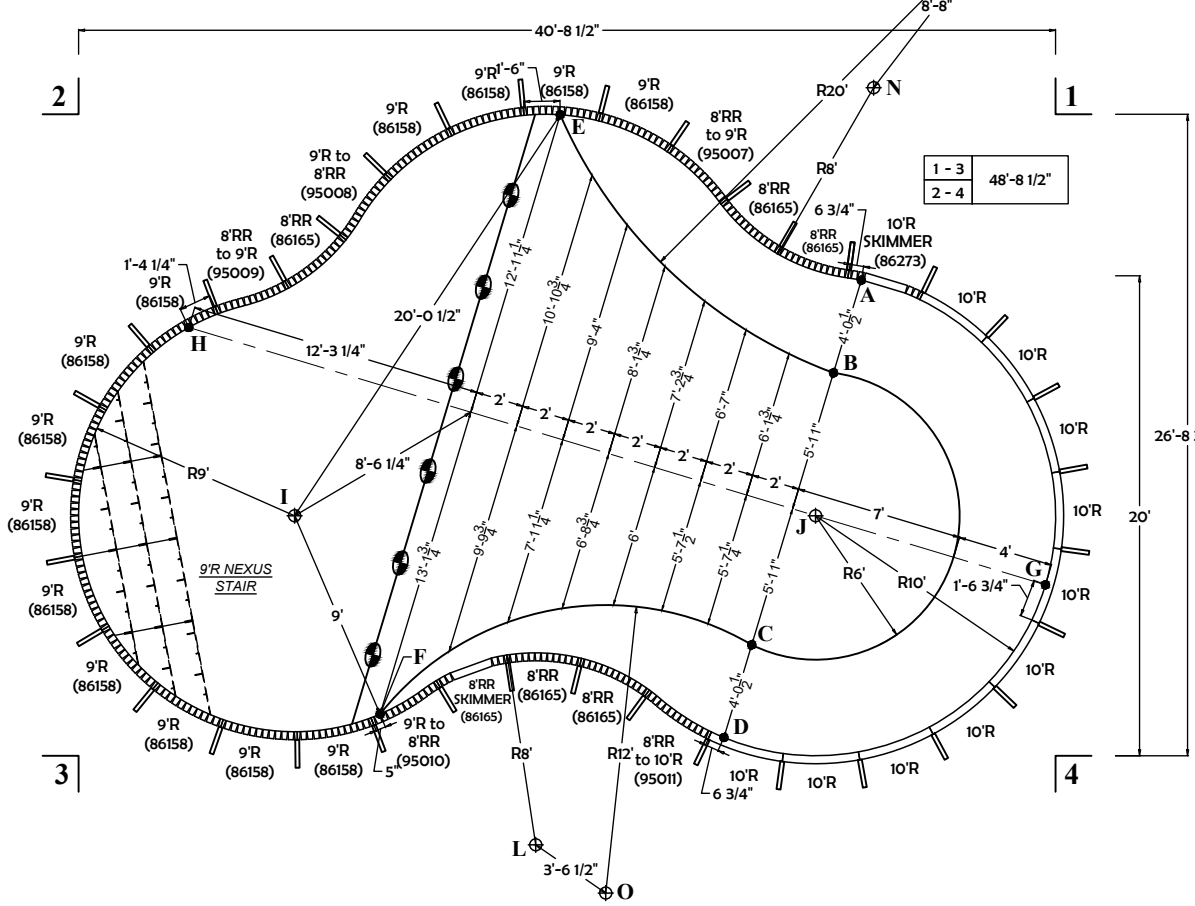
This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - A	10'-7 3/4"	2 - A	33'-4"	3 - A	38'-2"	4 - A	21'-5"	G - A	14'-10"	H - A	28'-1"
1 - B	14'-2 1/2"	2 - B	33'-3"	3 - B	35'-3 1/4"	4 - B	18'-5 1/4"	G - B	12'-6"	H - B	26'-11 1/4"
1 - C	25'-5 3/4"	2 - C	35'-8 1/2"	3 - C	28'-5"	4 - C	13'-5 3/4"	G - C	12'-6"	H - C	26'-11 1/4"
1 - D	29'-5"	2 - D	37'-4 1/2"	3 - D	26'-10 3/4"	4 - D	13'-10"	G - D	14'-10"	H - D	28'-1"
1 - E	20'-7 3/4"	2 - E	20'-0 3/4"	3 - E	33'-5"	4 - E	33'-9"	G - E	28'-1 3/4"	H - E	17'-10"
1 - F	37'-7 3/4"	2 - F	27'-11 3/4"	3 - F	12'-8 1/4"	4 - F	28'-2 1/2"	G - F	28'-3"	H - F	17'-11 3/4"
1 - G	19'-7 1/4"	2 - G	44'-9 3/4"	3 - G	40'-11"	4 - G	7'-1 1/2"	G - G	37'-3 1/4"	H - G	37'-3 1/4"
1 - H	37'-2 1/4"	2 - H	10'	3 - H	18'-5 1/4"	4 - H	40'-3 1/2"	G - H	31'-5"	H - H	9'
1 - I	35'-10 1/4"	2 - I	19'	3 - I	13'-5 1/2"	4 - I	33'-3"	G - I	10'	H - I	27'-3 1/4"
1 - J	19'-6"	2 - J	34'-11 3/4"	3 - J	32'-3 1/2"	4 - J	14'-1 3/4"	G - J	23'-4 1/2"	H - J	14'-10 1/2"
1 - K	23'-1"	2 - K	21'-5 1/4"	3 - K	26'-4"	4 - K	27'-8"	G - K	23'-10"	H - K	25'-11 1/2"
1 - L	37'-4 1/4"	2 - L	35'-11"	3 - L	19'-5"	4 - L	21'-11 3/4"	G - L	40'-4 1/4"	H - L	8'-7 3/4"
1 - M	35'-9 3/4"	2 - M	4'-10 3/4"	3 - M	26'-11 1/4"	4 - M	44'-6 1/2"	G - M	21'-11"	H - M	30'-2 3/4"
1 - N	7'-8"	2 - N	33'-1 3/4"	3 - N	43'-3 1/4"	4 - N	28'-10 1/4"	G - N	22'-4 1/2"	H - O	29'-3 1/4"
1 - O	37'-5 3/4"	2 - O	39'-2 1/4"	3 - O	22'-8 1/4"	4 - O	19'-7 1/4"	G - O	27'-7 3/4"	H - P	37'-9 1/4"
1 - P	8'-3 3/4"	2 - P	39'-2 1/2"	3 - P	51'-9"	4 - P	34'-9 1/2"				



4'
4'

26' x 41' Right Mountain Lake w/ Nexus Stair

Perimeter	109'-11" / 33.50 m	page 2 of 3	Nexus Stair
Surface Area	759.11 SF / 70.52 m ²		
Volume	24500 gal / 93000 L		
Liner Sq. Ft.	814.17 SF		

ITEM #	PART DESCRIPTION	
42112	10' RADIUS PANEL	10
421165	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	23
862735	10' RADIUS STRAP SET	
861585	9' RADIUS STRAP SET	13
861655	8' REVERSE RADIUS STRAP SET	6
950075	8'RR to 9'R STRAP SET	1
950085	9'R to 8'RR STRAP SET	1
950095	8'RR to 9'R STRAP SET	1
950105	9'R to 8'RR STRAP SET	1
950115	8'RR to 10'R STRAP SET	1
09115	PUSH NUTS	650
42146	BRACE SYSTEM COMPLETE	35
N55004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

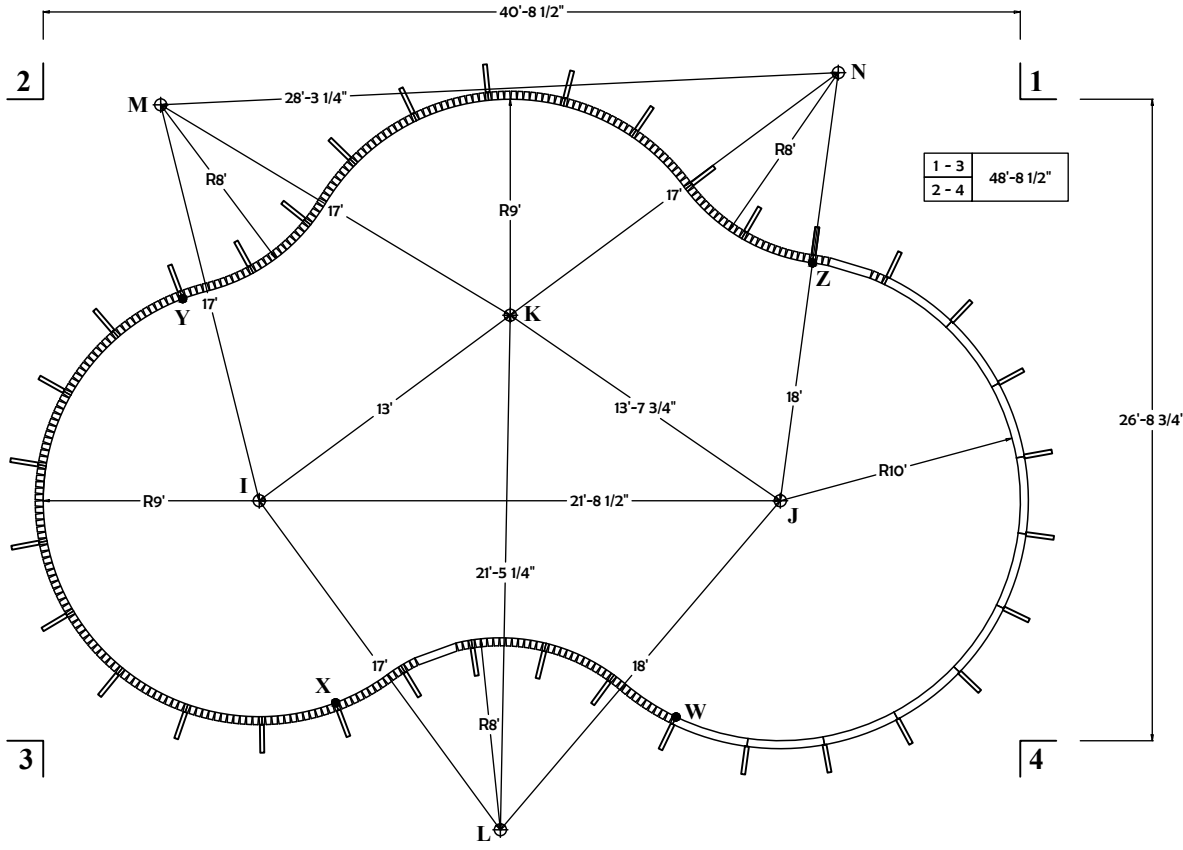
1 - I	35'-10 1/4"	2 - I	19'	3 - I	13'-5 1/2"	4 - I	33'-3"
1 - J	19'-6"	2 - J	34'-11 3/4"	3 - J	32'-3 1/2"	4 - J	14'-1 3/4"
1 - K	23'-1"	2 - K	21'-5 1/4"	3 - K	26'-4"	4 - K	27'-8"
1 - L	37'-4 1/4"	2 - L	35'-11"	3 - L	19'-5"	4 - L	21'-11 3/4"
1 - M	35'-9 3/4"	2 - M	4'-10 3/4"	3 - M	26'-11 1/4"	4 - M	44'-6 1/2"
1 - N	7'-8"	2 - N	33'-1 3/4"	3 - N	43'-3 1/4"	4 - N	28'-10 1/4"
1 - W	29'-5 1/2"	2 - W	36'-10 1/4"	3 - W	26'-4 3/4"	4 - W	14'-4 1/2"
1 - X	38'-0 1/4"	2 - X	27'-11 1/4"	3 - X	12'-3 1/2"	4 - X	28'-6 3/4"
1 - Y	35'-10 1/2"	2 - Y	10'-1 3/4"	3 - Y	19'-3 3/4"	4 - Y	39'-5 1/2"
1 - Z	11'-0 1/4"	2 - Z	32'-9 1/4"	3 - Z	37'-8 3/4"	4 - Z	21'-8 1/2"

This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
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- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

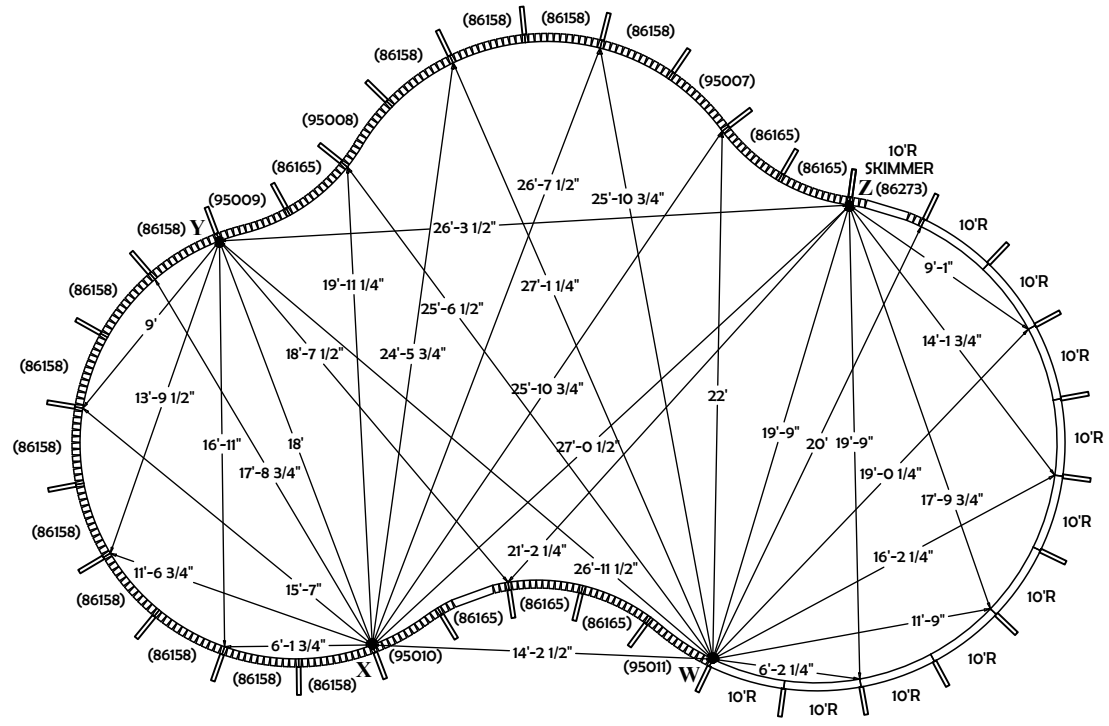


26' x 41' Right Mountain Lake w/ Nexus Stair

Perimeter	109'-11" / 33.50 m	page 3 of 3	Nexus Stair
Surface Area	759.11 SF / 70.52 m ²		
Volume	24500 gal / 93000 L		
Liner Sq. Ft.	814.17 SF		

ITEM #	PART DESCRIPTION	
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	23
86273S	10' RADIUS STRAP SET	
86158S	9' RADIUS STRAP SET	13
86165S	8' REVERSE RADIUS STRAP SET	6
95007S	8'RR to 9'R STRAP SET	1
95008S	9'R to 8'RR STRAP SET	1
95009S	8'RR to 9'R STRAP SET	1
95010S	9'R to 8'RR STRAP SET	1
95011S	8'RR to 10'R STRAP SET	1
09115	PUSH NUTS	650
42146	BRACE SYSTEM COMPLETE	35
N55004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 9' Radius Nexus Stair.



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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

26' x 41' Left Mountain Lake w/ Nexus Stair

Perimeter	109'-11" / 33.50 m	page 1 of 3
Surface Area	759.11 SF / 70.52 m ²	
Volume	24500 gcl / 93000 L	
Liner Sq. Ft.	814.17 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	23
86273S	10' RADIUS STRAP SET	
86158S	9' RADIUS STRAP SET	13
86165S	8' REVERSE RADIUS STRAP SET	6
95012S	9'R to 8'RR STRAP SET	1
95013S	8'RR to 9'R STRAP SET	1
95014S	9'R to 8'RR STRAP SET	1
95015S	10'R to 8'RR STRAP SET	1
95016S	8'RR to 9'R STRAP SET	1
09115	PUSH NUTS	650
42146	BRACE SYSTEM COMPLETE	35
N55004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS CODE

1-A	10'-7 3/4"
1-B	14'-2 1/2"
1-C	25'-5 3/4"
1-D	29'-5"
1-E	20'-7 3/4"
1-F	37'-7 3/4"
1-G	19'-7 1/4"
1-H	37'-2 1/4"
1-I	35'-10 1/4"
1-J	19'-6"
1-K	23'-1"
1-L	37'-4 1/4"
1-M	35'-9 3/4"
1-N	7'-8"
1-O	37'-5 3/4"
1-P	8'-3 3/4"

2-A	33'-4"
2-B	33'-3"
2-C	35'-8 1/2"
2-D	37'-4 1/2"
2-E	20'-0 3/4"
2-F	27'-11 3/4"
2-G	44'-9 3/4"
2-H	10'
2-I	19'
2-J	34'-11 3/4"
2-K	21'-5 1/4"
2-L	35'-11"
2-M	4'-10 3/4"
2-N	33'-1 3/4"
2-O	39'-2 1/4"
2-P	39'-2 1/2"

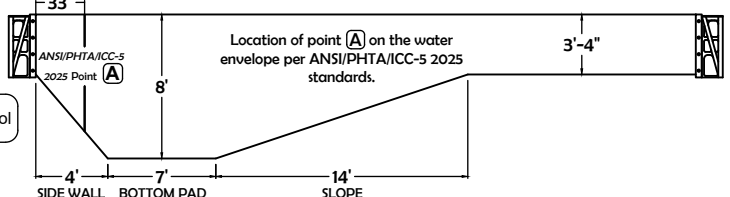
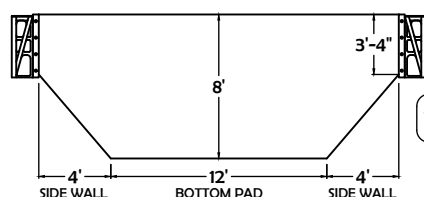
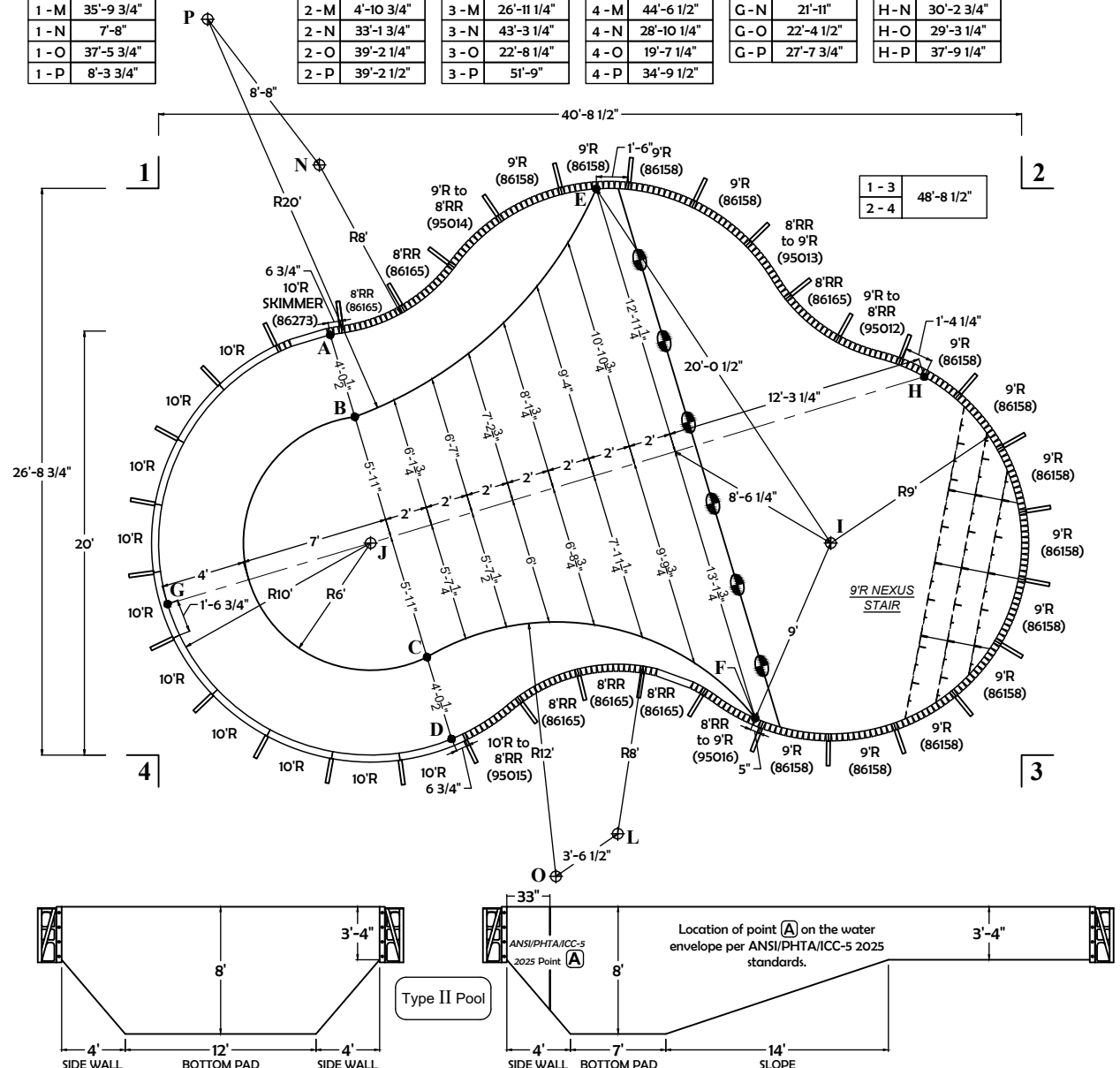
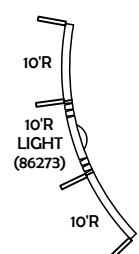
3-A	38'-2"
3-B	35'-3 1/4"
3-C	28'-5"
3-D	26'-10 3/4"
3-E	33'-5"
3-F	12'-8 1/4"
3-G	40'-11"
3-H	18'-5 1/4"
3-I	13'-5 1/2"
3-J	32'-3 1/2"
3-K	26'-4"
3-L	19'-5"
3-M	26'-11 1/4"
3-N	43'-3 1/4"
3-O	22'-8 1/4"
3-P	51'-9"

4-A	21'-5"
4-B	18'-5 1/4"
4-C	13'-5 3/4"
4-D	13'-10"
4-E	33'-9"
4-F	28'-2 1/2"
4-G	7'-1 1/2"
4-H	40'-3 1/2"
4-I	33'-3"
4-J	14'-1 3/4"
4-K	27'-8"
4-L	21'-11 3/4"
4-M	44'-6 1/2"
4-N	28'-10 1/4"
4-O	19'-7 1/4"
4-P	34'-9 1/2"

G-A	14'-10"
G-B	12'-6"
G-C	12'-6"
G-D	14'-10"
G-E	28'-1 3/4"
G-F	28'-3"
G-H	37'-3 1/4"
G-I	31'-5"
G-J	10'
G-K	23'-4 1/2"
G-L	23'-10"
G-M	40'-4 1/4"
G-N	21'-11"
G-O	22'-4 1/2"
G-P	27'-7 3/4"

H-A	28'-1"
H-B	26'-11 1/4"
H-C	26'-11 1/4"
H-D	28'-1"
H-E	17'-10"
H-F	17'-11 3/4"
H-G	37'-3 1/4"
H-I	9'
H-J	27'-3 1/4"
H-K	14'-10 1/2"
H-L	25'-11 1/2"
H-M	8'-7 3/4"
H-N	30'-2 3/4"
H-O	29'-3 1/4"
H-P	37'-9 1/4"

LIGHT PANEL OPTION



4'
4'

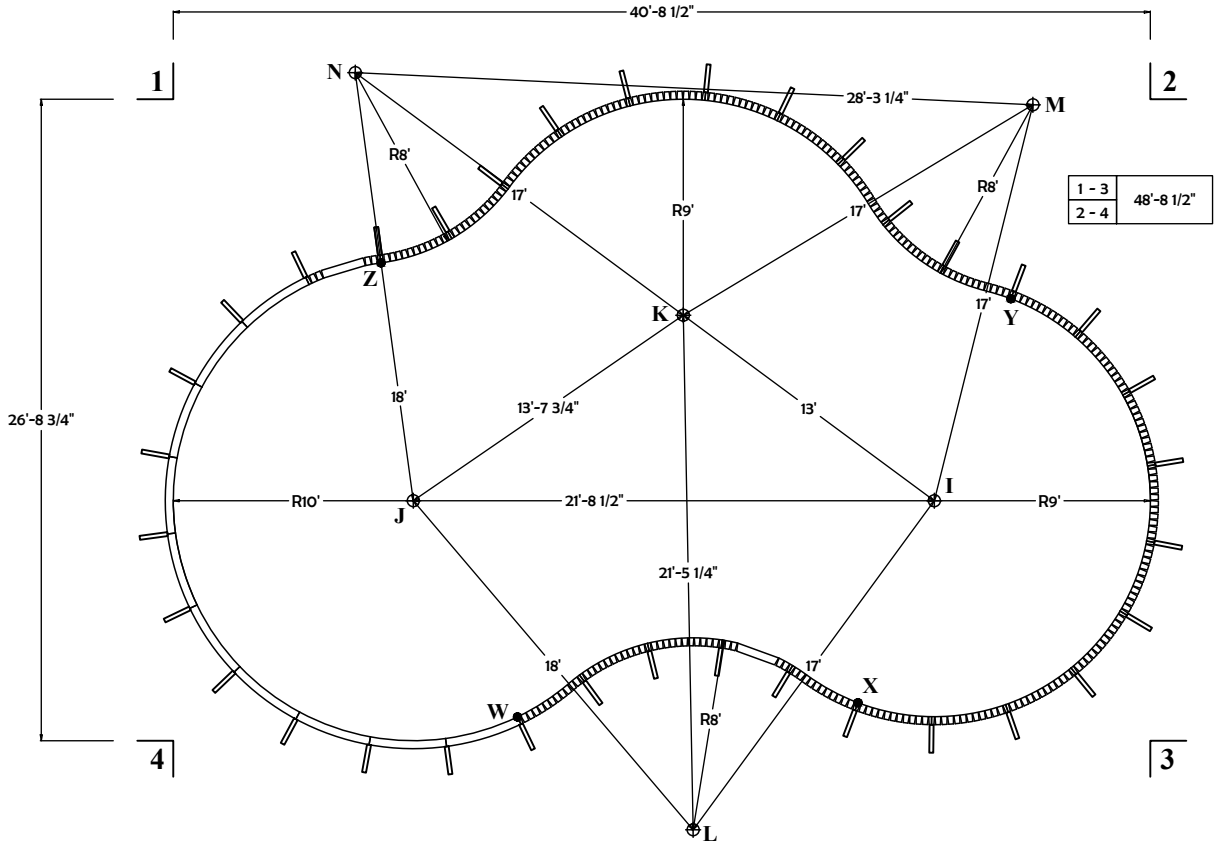


26' x 41' Left Mountain Lake w/ Nexus Stair

Perimeter	109'-11" / 33.50 m	page 2 of 3	Nexus Stair
Surface Area	759.11 SF / 70.52 m ²		
Volume	24500 gal / 93000 L		
Liner Sq. Ft.	814.17 SF		

ITEM #	PART DESCRIPTION	
42112	10' RADIUS PANEL	10
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	23
86273S	10' RADIUS STRAP SET	
86158S	9' RADIUS STRAP SET	13
86165S	8' REVERSE RADIUS STRAP SET	6
95012S	9'R to 8'RR STRAP SET	1
95013S	8'RR to 9'R STRAP SET	1
95014S	9'R to 8'RR STRAP SET	1
95015S	10'R to 8'RR STRAP SET	1
95016S	8'RR to 9'R STRAP SET	1
09115	PUSH NUTS	650
42146	BRACE SYSTEM COMPLETE	35
N55004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1 - I	35'-10 1/4"	2 - I	19'	3 - I	13'-5 1/2"	4 - I	33'-3"
1 - J	19'-6"	2 - J	34'-11 3/4"	3 - J	32'-3 1/2"	4 - J	14'-1 3/4"
1 - K	23'-1"	2 - K	21'-5 1/4"	3 - K	26'-4"	4 - K	27'-8"
1 - L	37'-4 1/4"	2 - L	35'-11"	3 - L	19'-5"	4 - L	21'-11 3/4"
1 - M	35'-9 3/4"	2 - M	4'-10 3/4"	3 - M	26'-11 1/4"	4 - M	44'-6 1/2"
1 - N	7'-8"	2 - N	33'-1 3/4"	3 - N	43'-3 1/4"	4 - N	28'-10 1/4"
1 - W	29'-5 1/2"	2 - W	36'-10 1/4"	3 - W	26'-4 3/4"	4 - W	14'-4 1/2"
1 - X	38'-0 1/4"	2 - X	27'-11 1/4"	3 - X	12'-3 1/2"	4 - X	28'-6 3/4"
1 - Y	35'-10 1/2"	2 - Y	10'-1 3/4"	3 - Y	19'-3 3/4"	4 - Y	39'-5 1/2"
1 - Z	11'-0 1/4"	2 - Z	32'-9 1/4"	3 - Z	37'-8 3/4"	4 - Z	21'-8 1/2"



This configuration is only available with 9' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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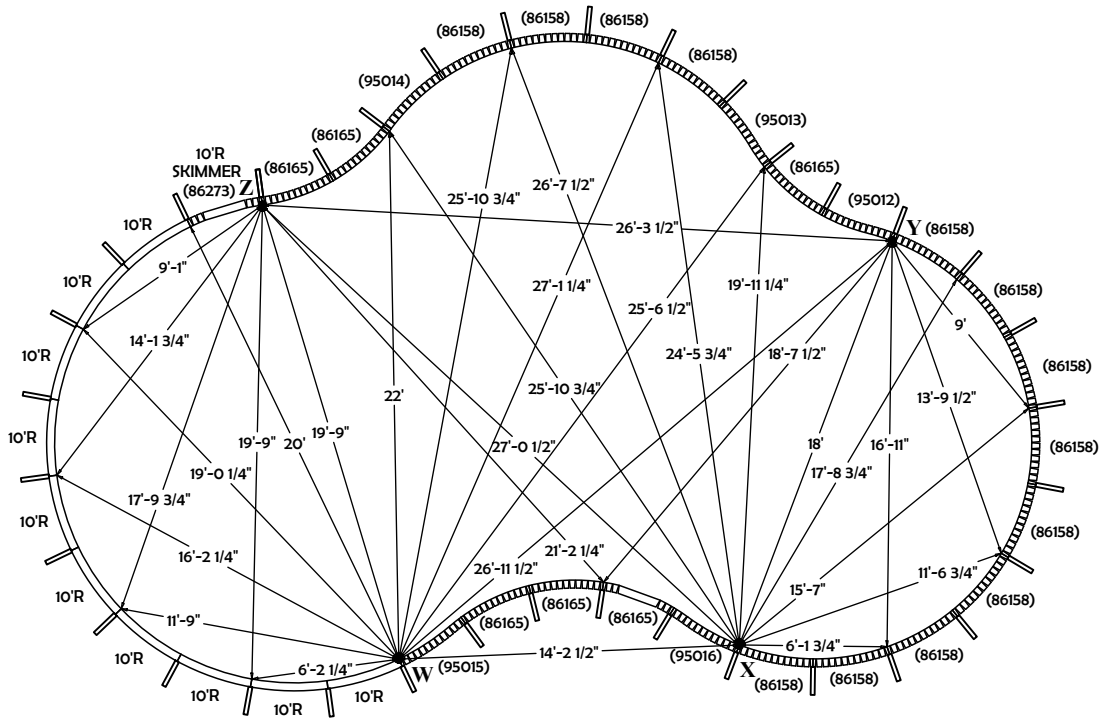
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- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

26' x 41' Left Mountain Lake w/ Nexus Stair

Perimeter	109'-11" / 33.50 m	page 3 of 3	Nexus Stair
Surface Area	759.11 SF / 70.52 m ²		
Volume	24500 gal / 93000 L		
Liner Sq. Ft.	814.17 SF		

ITEM #	PART DESCRIPTION	
42112	10' RADIUS PANEL	10
421165	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	23
862735	10' RADIUS STRAP SET	
861585	9' RADIUS STRAP SET	13
861655	8' REVERSE RADIUS STRAP SET	6
950125	9'R to 8'RR STRAP SET	1
950135	8'RR to 9'R STRAP SET	1
950145	9'R to 8'RR STRAP SET	1
950155	10'R to 8'RR STRAP SET	1
950165	8'RR to 9'R STRAP SET	1
09115	PUSH NUTS	650
42146	BRACE SYSTEM COMPLETE	35
N55004	9' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

This configuration is only available with 9' Radius Nexus Stair.



DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

16' x 34' x 25' Left Lagoon

Perimeter	102'-5" / 31.21 m	page 1 of 2	8' Radius Step
Surface Area	572.6 SF / 53.2 m ²		
Volume	16200 gal / 61300 L		
Liner Sq. Ft.	670.2917 SF		

ITEM #	PART DESCRIPTION	QTY
42111	8' RADIUS PANEL	15
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	14
86164S	6' REVERSE RADIUS PANEL STRAP	3
86165S	8' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	4
86200S	8' RADIUS PANEL STRAP	1
86237S	6'RR to 7'R STRAP SET	1
86239S	8'RR to 8'R STRAP SET	1
86241S	8'R to 8'RR STRAP SET	1
86243S	8'RR to 8'R STRAP SET	1
86245S	7'R to 8'RR STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	31
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

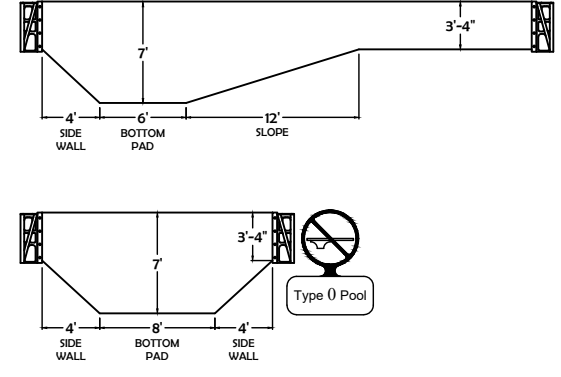
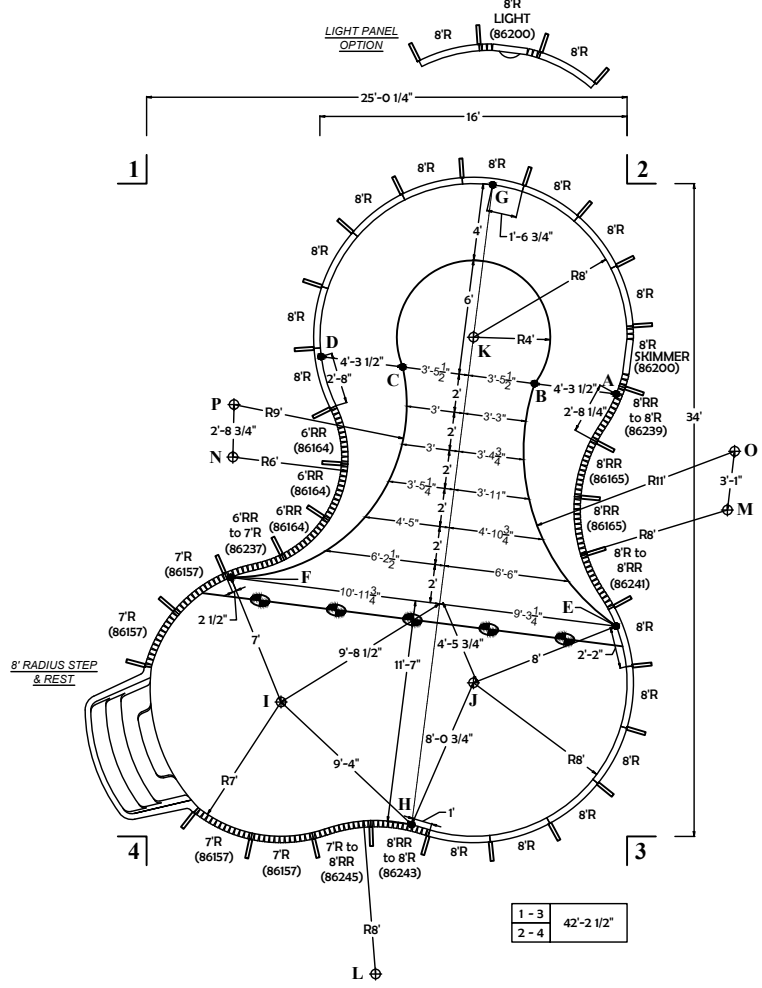
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1-A	26'-9 1/2"	2-A	10'-11 3/4"	3-A	23'-0 1/2"	4-A	33'-7 1/4"	G-A	12'-7 3/4"	H-A	24'-10"
1-B	22'-8 3/4"	2-B	11'-5 3/4"	3-B	24'-0 3/4"	4-B	31'-0 3/4"	G-B	10'-7"	H-B	23'-10 1/4"
1-C	16'-4 3/4"	2-C	15'-1"	3-C	27'-1 1/4"	4-C	27'-10 1/4"	G-C	10'-7"	H-C	23'-10 1/4"
1-D	12'-9 1/2"	2-D	18'-3 3/4"	3-D	29'-7 3/4"	4-D	26'-7"	G-D	12'-7 3/4"	H-D	24'-10"
1-E	33'-7 1/4"	2-E	23'-0 3/4"	3-E	10'-11 1/2"	4-E	26'-9 1/2"	G-E	23'-10 1/2"	H-E	14'-10 1/4"
1-F	20'-11 3/4"	2-F	29'-1 1/4"	3-F	24'-8"	4-F	14'-2 1/4"	G-F	24'-7"	H-F	15'-11 1/2"
1-G	18'-0 1/4"	2-G	7"	3-G	34'-7 3/4"	4-G	38'-5 1/4"	G-H	33'-7"	H-G	33'-7"
1-H	36'-1 1/2"	2-H	35'-2 3/4"	3-H	11'-2 3/4"	4-H	13'-9 3/4"	G-I	29'-1 1/4"	H-I	9'-4"
1-I	27'-10 3/4"	2-I	32'-5 1/2"	3-I	19'-4"	4-I	9'-10 3/4"	G-J	25'-11 1/2"	H-J	8'-0 3/4"
1-J	31'-1"	2-J	27'-2 1/2"	3-J	11'-3 3/4"	4-J	18'-9 3/4"	G-K	8"	H-K	25'-7"
1-K	18'-9 3/4"	2-K	11'-3 3/4"	3-K	27'-2 1/2"	4-K	31'-1"	G-L	41'-6 3/4"	H-L	8"
1-L	42'-10 1/4"	2-L	43'-2 1/2"	3-L	14'-11"	4-L	13'-11"	G-M	20'-10 3/4"	H-M	23'-2 3/4"
1-M	34'-8 1/2"	2-M	17'-9 1/2"	3-M	17'-9 1/2"	4-M	34'-8 1/2"	G-N	19'-7 1/4"	H-N	21'-3 1/2"
1-N	14'-5"	2-N	28'-10 1/2"	3-N	31'-9 1/4"	4-N	19'-7"	G-O	18'-9"	H-O	25'-8 1/2"
1-O	33'-7 3/4"	2-O	15'-0 1/4"	3-O	20'-9 3/4"	4-O	36'-7 1/4"	G-P	17'-8 1/4"	H-P	23'-9"
1-P	12'-4 1/2"	2-P	23'-5 3/4"	3-P	30'-5"	4-P	22'-11 1/4"				



1-3	42'-2 1/2"
2-4	

16' x 34' x 25' Left Lagoon

Perimeter	102'-5" / 31.21 m	page 2 of 2	8' Radius Step
Surface Area	572.6 SF / 53.2 m ²		
Volume	16200 gal / 61300 L		
Liner Sq. Ft.	670.2917 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	15
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	14
86164S	6' REVERSE RADIUS PANEL STRAP	3
86165S	8' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	4
86200S	8' RADIUS PANEL STRAP	1
86237S	6'RR to 7'R STRAP SET	1
86239S	8'RR to 8'R STRAP SET	1
86241S	8'R to 8'RR STRAP SET	1
86243S	8'RR to 8'R STRAP SET	1
86245S	7'R to 8'RR STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	31
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

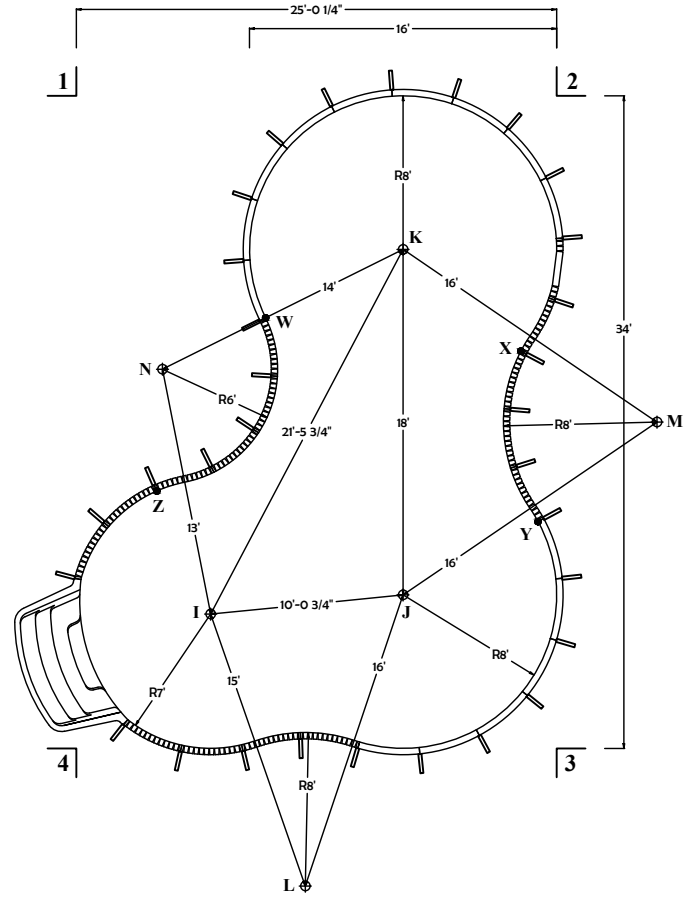
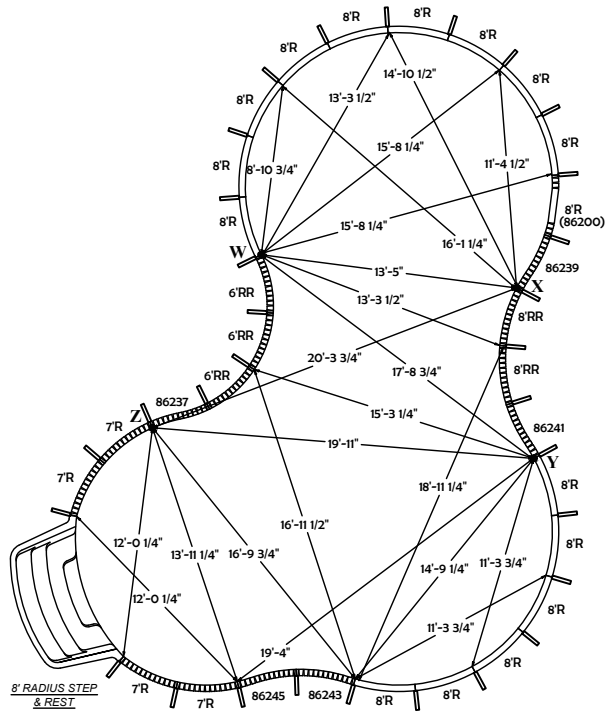
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the components parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSPA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE

1 - 3	42'-2 1/2"	1 - I	27'-10 3/4"	2 - I	32'-5 1/2"	3 - I	19'-4"	4 - I	9'-10 3/4"
2 - 4		1 - J	31'-1"	2 - J	27'-2 1/2"	3 - J	11'-3 3/4"	4 - J	18'-9 3/4"
		1 - K	18'-9 3/4"	2 - K	11'-3 3/4"	3 - K	27'-2 1/2"	4 - K	31'-1"
		1 - L	42'-10 1/4"	2 - L	43'-2 1/2"	3 - L	14'-11"	4 - L	13'-11"
		1 - M	34'-8 1/2"	2 - M	17'-9 1/2"	3 - M	17'-9 1/2"	4 - M	34'-8 1/2"
		1 - N	14'-5"	2 - N	28'-10 1/2"	3 - N	31'-9 1/4"	4 - N	19'-7"
		1 - W	15'-2 1/2"	2 - W	19'-0 3/4"	3 - W	27'-1"	4 - W	24'-6"
		1 - X	26'-8 1/2"	2 - X	13'-5 1/4"	3 - X	20'-9 1/4"	4 - X	31'-0 3/4"
		1 - Y	32'-8 3/4"	2 - Y	22'-2 1/2"	3 - Y	11'-10 1/4"	4 - Y	26'-9 1/2"
		1 - Z	21'	2 - Z	29'-3 1/2"	3 - Z	24'-9 1/4"	4 - Z	14'-0 3/4"



4'
4'

16' x 34' x 25' Right Lagoon

Perimeter	102'-5" / 31.21 m
Surface Area	572.6 SF / 53.2 m ²
Volume	16200 gal / 61300 L
Liner Sq. Ft.	670.2917 SF

page
1 of 2

8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	15
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	14
86164S	6' REVERSE RADIUS PANEL STRAP	3
86165S	8' REVERSE RADIUS PANEL STRAP	2
86157S	7' RADIUS PANEL STRAP	4
86200S	8' RADIUS PANEL STRAP	1
86238S	7R to 6RR STRAP SET	1
86240S	8'R to 8'RR STRAP SET	1
86242S	8'RR to 8'R STRAP SET	1
86244S	8'R to 8'RR STRAP SET	1
86246S	8'RR to 7'R STRAP SET	1
09115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	31
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

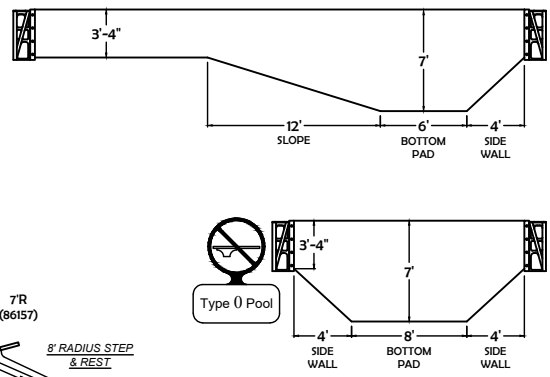
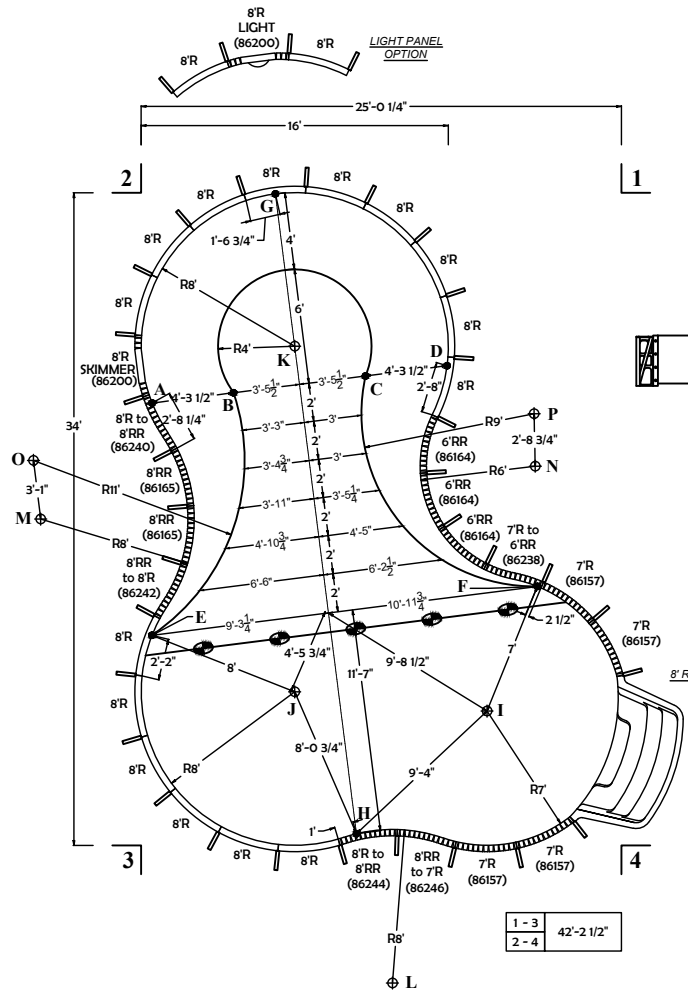
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPS&C / ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APSP/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APSP/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1-A	26'-9 1/2"	2-A	10'-11 3/4"	3-A	23'-0 1/2"	4-A	33'-7 1/4"	G-A	12'-7 3/4"	H-A	24'-10"
1-B	22'-8 3/4"	2-B	11'-5 3/4"	3-B	24'-0 3/4"	4-B	31'-0 3/4"	G-B	10'-7"	H-B	23'-10 1/4"
1-C	16'-4 3/4"	2-C	15'-1"	3-C	27'-1 1/4"	4-C	27'-10 1/4"	G-C	10'-7"	H-C	23'-10 1/4"
1-D	12'-9 1/2"	2-D	18'-3 3/4"	3-D	29'-7 3/4"	4-D	26'-7"	G-D	12'-7 3/4"	H-D	24'-10"
1-E	33'-7 1/4"	2-E	23'-0 3/4"	3-E	10'-11 1/2"	4-E	26'-9 1/2"	G-E	23'-10 1/2"	H-E	14'-10 1/4"
1-F	20'-11 3/4"	2-F	29'-1 1/4"	3-F	24'-8"	4-F	14'-2 1/4"	G-F	24'-7"	H-F	15'-11 1/2"
1-G	18'-0 1/4"	2-G	7"	3-G	34'-7 3/4"	4-G	38'-5 1/4"	G-H	33'-7"	H-G	33'-7"
1-H	36'-1 1/2"	2-H	35'-2 3/4"	3-H	11'-2 3/4"	4-H	13'-9 3/4"	G-I	29'-1 1/4"	H-I	9'-4"
1-I	27'-10 3/4"	2-I	32'-5 1/2"	3-I	19'-4"	4-I	9'-10 3/4"	G-J	25'-11 1/2"	H-J	8'-0 3/4"
1-J	31'-1"	2-J	27'-2 1/2"	3-J	11'-3 3/4"	4-J	18'-9 3/4"	G-K	8"	H-K	25'-7"
1-K	18'-9 3/4"	2-K	11'-3 3/4"	3-K	27'-2 1/2"	4-K	31'-1"	G-L	41'-6 3/4"	H-L	8"
1-L	42'-10 1/4"	2-L	43'-2 1/2"	3-L	14'-11"	4-L	13'-11"	G-M	20'-10 3/4"	H-M	23'-2 3/4"
1-M	34'-8 1/2"	2-M	17'-9 1/2"	3-M	17'-9 1/2"	4-M	34'-8 1/2"	G-N	19'-7 1/4"	H-N	21'-3 1/2"
1-N	14'-5"	2-N	28'-10 1/2"	3-N	31'-9 1/4"	4-N	19'-7"	G-O	18'-9"	H-O	25'-8 1/2"
1-O	33'-7 3/4"	2-O	15'-0 1/4"	3-O	20'-9 3/4"	4-O	36'-7 1/4"	G-P	17'-8 1/4"	H-P	23'-9"
1-P	12'-4 1/2"	2-P	23'-5 3/4"	3-P	30'-5"	4-P	22'-11 1/4"				



16' x 34' x 25' Left Lagoon w/ Nexus Stair

Perimeter	103-8" / 31.60 m	page 1 of 2
Surface Area	575.8 SF / 53.5 m ²	
Volume	16450 gcl / 62250 L	
Liner Sq. Ft.	677.624 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	15
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86157S	7' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
86164S	6' REVERSE RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	2
88876S	8'RR to 8'R STRAP SET	1
88877S	8'R to 8'RR STRAP SET	1
88878S	6'RR to 7'R STRAP SET	1
88879S	8'R to 6'RR STRAP SET	1
86243S	8'RR to 8'R STRAP SET	1
86245S	7'R to 8'RR STRAP SET	1
O9115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	33
N55002	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

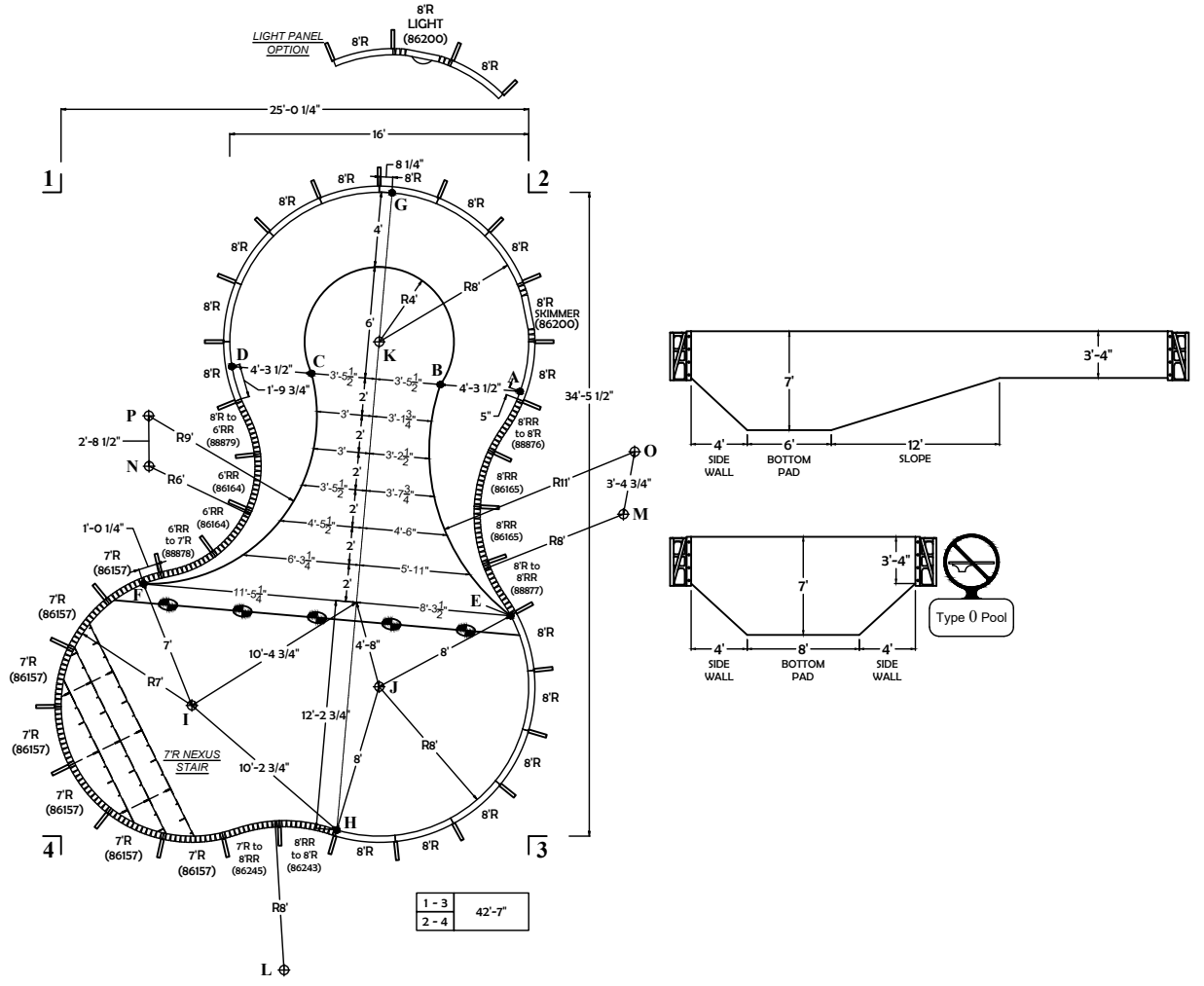
This configuration is only available with 7' Radius Nexus Stair.		
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NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHTA/ICC-5 2024 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1-A	26'-9 1/4"	2-A	10'-8"	3-A	23'-9 3/4"	4-A	34'-2 1/2"	G-A	12'-7 3/4"	H-A	25'-5 1/4"
1-B	22'-9"	2-B	11'-4"	3-B	24'-7 1/2"	4-B	31'-6 3/4"	G-B	10'-7"	H-B	24'-5 3/4"
1-C	16'-6 1/2"	2-C	15'-1 1/2"	3-C	27'-4 1/4"	4-C	28'-2"	G-C	10'-7"	H-C	24'-5 3/4"
1-D	13'-0 1/2"	2-D	18'-5"	3-D	29'-8 3/4"	4-D	26'-9"	G-D	12'-7 3/4"	H-D	25'-5 1/4"
1-E	33'-0 1/2"	2-E	22'-8"	3-E	11'-10 1/4"	4-E	26'-9 1/2"	G-E	23'-5 3/4"	H-E	14'-9 1/4"
1-F	21'-5"	2-F	29'-4 3/4"	3-F	24'-7 3/4"	4-F	14'-2 1/2"	G-F	24'-9 1/2"	H-F	16'-9"
1-G	17'-8 1/2"	2-G	7'-3 3/4"	3-G	35'-2 1/2"	4-G	38'-8 3/4"	G-H	34'-2 3/4"	H-G	18'-11 3/4"
1-H	37'-2 1/4"	2-H	35'-7 3/4"	3-H	10'-3 1/4"	4-H	14'-9"	G-I	29'-5 1/2"	H-I	10'-2 3/4"
1-I	28'-4"	2-I	32'-10 1/4"	3-I	19'-4"	4-I	9'-10 3/4"	G-J	26'-5 1/4"	H-J	8'
1-J	31'-5 1/2"	2-J	27'-7 3/4"	3-J	11'-3 3/4"	4-J	18'-9 3/4"	G-K	8'-0 1/4"	H-K	26'-2 1/2"
1-K	18'-9 3/4"	2-K	11'-3 3/4"	3-K	27'-7 3/4"	4-K	31'-5 1/2"	G-L	42"	H-L	8'-0 1/4"
1-L	43'-3 3/4"	2-L	43'-7 3/4"	3-L	14'-11"	4-L	13'-11"	G-M	21'-2 1/4"	H-M	22'-9 3/4"
1-M	34'-8"	2-M	17'-11 1/2"	3-M	17'-11 1/2"	4-M	34'-8"	G-N	19'-7"	H-N	21'-11"
1-N	15'-4 3/4"	2-N	25'-0 3/4"	3-N	28'-4 1/4"	4-N	20'-4 1/4"	G-O	18'-11 3/4"	H-O	25'-9 1/4"
1-O	33'-8 1/4"	2-O	15'	3-O	21'-4"	4-O	36'-11 1/2"	G-P	17'-8"	H-P	24'-4 1/4"
1-P	12'-10 1/4"	2-P	23'-7"	3-P	30'-4"	4-P	22'-11 3/4"				

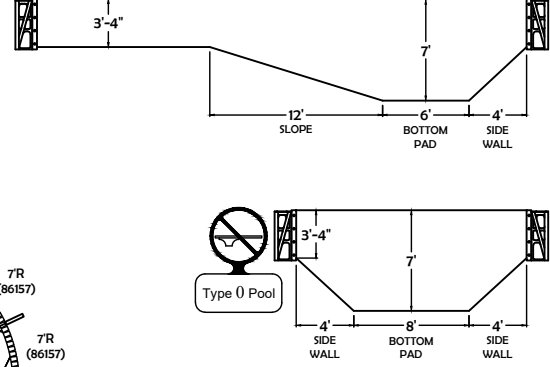
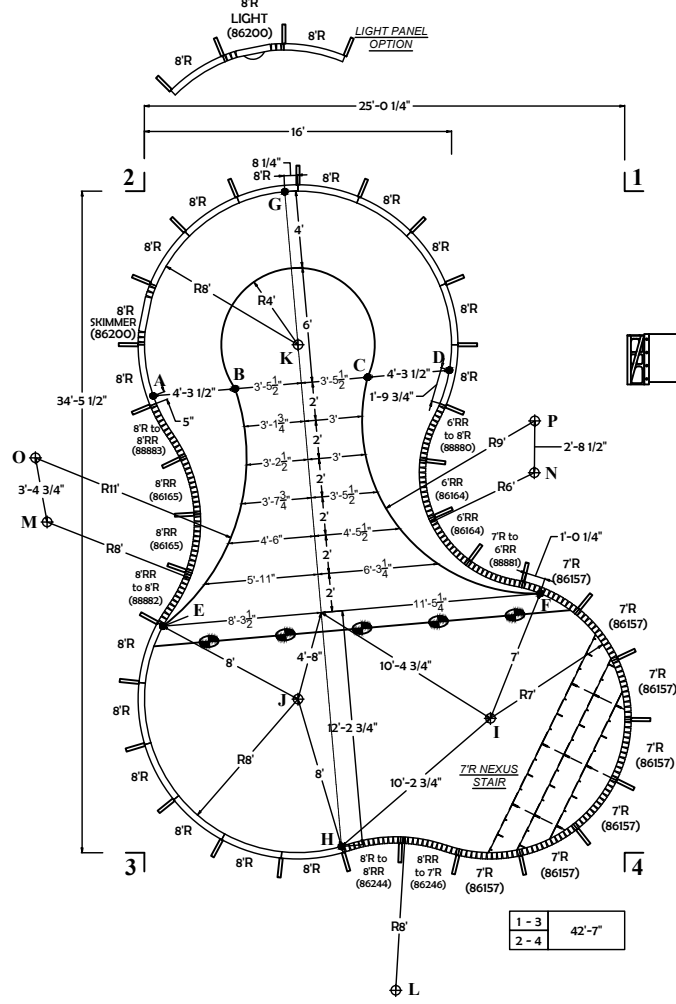


16' x 34' x 25' Right Lagoon w/ Nexus Stair

Perimeter	103-8" / 31.60 m	page 1 of 2
Surface Area	575.8 SF / 53.5 m ²	
Volume	16450 gal / 62250 L	
Liner Sq. Ft.	677.624 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	15
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86157S	7' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
86164S	6' REVERSE RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	2
88880S	6'RR to 8'RR STRAP SET	1
88881S	7'R to 6'RR STRAP SET	1
88882S	8'RR to 8'RR STRAP SET	1
88883S	8'R to 8'RR STRAP SET	1
86244S	8'R to 8'RR STRAP SET	1
86246S	8'RR to 7'R STRAP SET	1
09115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	33
N55002	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

1-A	26'-9 1/4"	2-A	10'-8"	3-A	23'-9 3/4"	4-A	34'-2 1/2"	G-A	12'-7 3/4"	H-A	25'-5 1/4"
1-B	22'-9"	2-B	11'-4"	3-B	24'-7 1/2"	4-B	31'-6 3/4"	G-B	10'-7"	H-B	24'-5 3/4"
1-C	16'-6 1/2"	2-C	15'-1 1/2"	3-C	27'-4 1/4"	4-C	28'-2"	G-C	10'-7"	H-C	24'-5 3/4"
1-D	13'-0 1/2"	2-D	18'-5"	3-D	29'-8 3/4"	4-D	26'-9"	G-D	12'-7 3/4"	H-D	25'-5 1/4"
1-E	33'-0 1/2"	2-E	22'-8"	3-E	11'-10 1/4"	4-E	26'-9 1/2"	G-E	23'-5 3/4"	H-E	14'-9 1/4"
1-F	21'-5"	2-F	29'-4 3/4"	3-F	24'-7 3/4"	4-F	14'-2 1/2"	G-F	24'-9 1/2"	H-F	16'-9"
1-G	17'-8 1/2"	2-G	7'-3 3/4"	3-G	35'-2 1/2"	4-G	38'-8 3/4"	G-H	34'-2 3/4"	H-G	18'-11 3/4"
1-H	37'-2 1/4"	2-H	35'-7 3/4"	3-H	10'-3 1/4"	4-H	14'-9"	G-I	29'-5 1/2"	H-I	10'-2 3/4"
1-I	28'-4"	2-I	32'-10 1/4"	3-I	19'-4"	4-I	9'-10 3/4"	G-J	26'-5 1/4"	H-J	8'
1-J	31'-5 1/2"	2-J	27'-7 3/4"	3-J	11'-3 3/4"	4-J	18'-9 3/4"	G-K	8'-0 1/4"	H-K	26'-2 1/2"
1-K	18'-9 3/4"	2-K	11'-3 3/4"	3-K	27'-7 3/4"	4-K	31'-5 1/2"	G-L	42'	H-L	8'-0 1/4"
1-L	43'-3 3/4"	2-L	43'-7 3/4"	3-L	14'-11"	4-L	13'-11"	G-M	21'-2 1/4"	H-M	22'-9 3/4"
1-M	34'-8"	2-M	17'-11 1/2"	3-M	17'-11 1/2"	4-M	34'-8"	G-N	19'-7"	H-N	21'-11"
1-N	15'-4 3/4"	2-N	25'-0 3/4"	3-N	28'-4 1/4"	4-N	20'-4 1/4"	G-O	18'-11 3/4"	H-O	25'-9 1/4"
1-O	33'-8 1/4"	2-O	15'	3-O	21'-4"	4-O	36'-11 1/2"	G-P	17'-8"	H-P	24'-4 1/4"
1-P	12'-10 1/4"	2-P	23'-7"	3-P	30'-4"	4-P	22'-11 3/4"				



This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL

The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

4'
4'

16' x 34' x 25' Right Lagoon w/ Nexus Stair

Perimeter	103-8" / 31.60 m	page 2 of 2
Surface Area	575.8 SF / 53.5 m ²	
Volume	16450 gal / 62250 L	
Liner Sq. Ft.	677.624 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	15
42116S	VERSA-FLEX SKIMMER PANEL	1
42115	VERSA-FLEX PANEL	17
86157S	7' RADIUS PANEL STRAP	7
86200S	8' RADIUS PANEL STRAP	1
86164S	6' REVERSE RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	2
88880S	6'RR to 8'R STRAP SET	1
88881S	7'R to 6'RR STRAP SET	1
88882S	8'RR to 8'R STRAP SET	1
88883S	8'R to 8'RR STRAP SET	1
86244S	8'R to 8'RR STRAP SET	1
86246S	8'RR to 7'R STRAP SET	1
O9115	PUSH NUTS	468
42146	BRACE SYSTEM COMPLETE	33
N55002	7' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

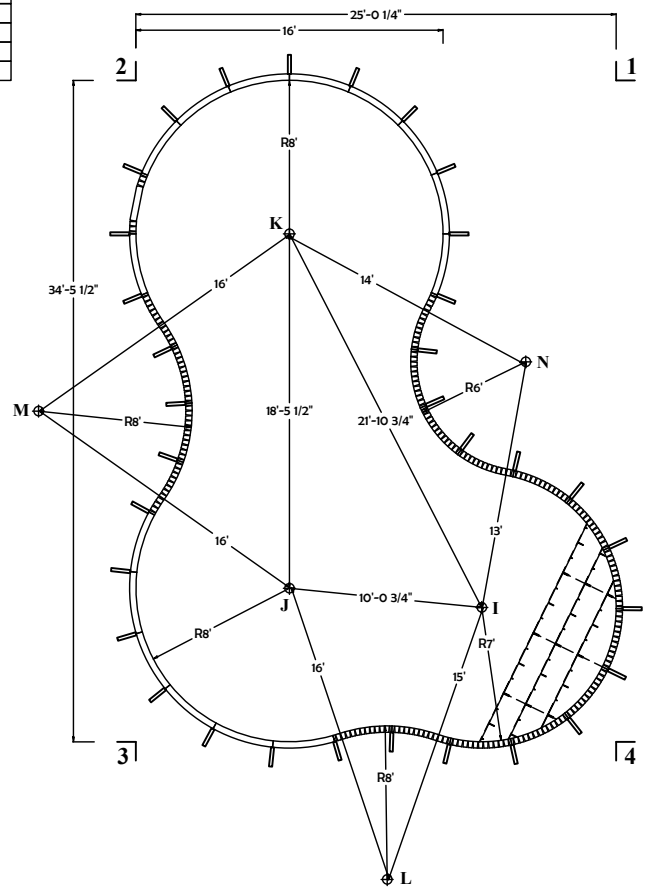
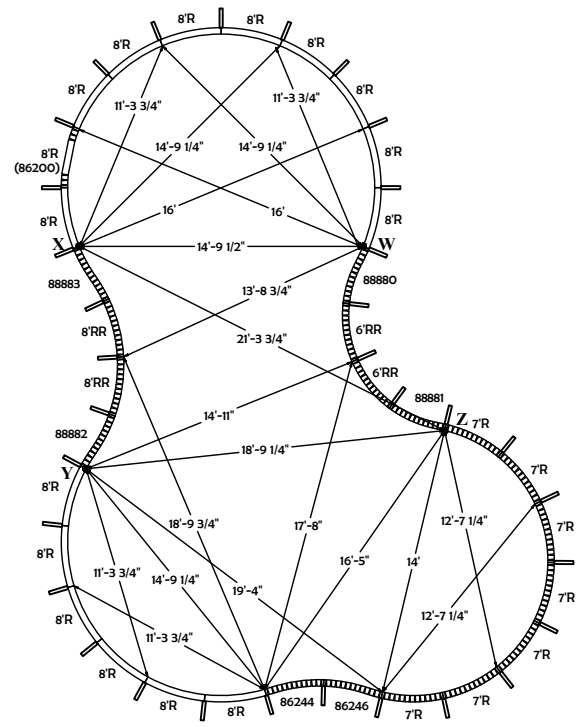
1 - 3	42'-7"	1 - I	28'-4"	2 - I	32'-10 1/4"	3 - I	19'-4"	4 - I	9'-10 3/4"
2 - 4		1 - J	31'-5 1/2"	2 - J	27'-7 3/4"	3 - J	11'-3 3/4"	4 - J	18'-9 3/4"
		1 - K	18'-9 3/4"	2 - K	11'-3 3/4"	3 - K	27'-7 3/4"	4 - K	31'-5 1/2"
		1 - L	43'-3 3/4"	2 - L	43'-7 3/4"	3 - L	14'-11"	4 - L	13'-11"
		1 - M	34'-8"	2 - M	17'-11 1/2"	3 - M	17'-11 1/2"	4 - M	34'-8"
		1 - N	15'-4 3/4"	2 - N	25'-0 3/4"	3 - N	28'-4 1/4"	4 - N	20'-4 1/4"
		1 - W	14'-8"	2 - W	18'-11 1/2"	3 - W	28'-0 1/4"	4 - W	25'-3 3/4"
		1 - X	26'-9 1/2"	2 - X	11'-0 3/4"	3 - X	23'-5"	4 - X	33'-9 3/4"
		1 - Y	33'-0 1/2"	2 - Y	22'-8"	3 - Y	11'-10 1/4"	4 - Y	26'-9 1/2"
		1 - Z	21'-4"	2 - Z	28'-6"	3 - Z	24"	4 - Z	14'-9 3/4"

This configuration is only available with 8' Radius Nexus Stair.

NO DIVING PERMITTED INTO THIS POOL
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools **NOT** approved for diving.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/APTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3" wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



18' x 38' x 29' Left Lagoon

4'
4'

Perimeter	115'-0" / 35.05 m	page 1 of 2	8' Radius Step
Surface Area	748.3 SF / 69.5 m ²		
Volume	22400 gal / 84800 L		
Liner Sq. Ft.	862.625 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	4
42112	10' RADIUS PANEL	7
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	21
86165S	8' REVERSE RADIUS PANEL STRAP	5
86158S	9' RADIUS PANEL STRAP	11
86200S	8' RADIUS PANEL STRAP	1
86247S	8'RR to 8'R STRAP SET	1
86249S	9'R to 8'RR STRAP SET	1
86251S	8'RR to 9'R STRAP SET	1
86253S	10'R to 8'RR STRAP SET	1
86255S	8'RR to 10'R STRAP SET	1
86257S	8'R to 8'RR STRAP SET	1
O9115	PUSH NUTS	598
42146	BRACE SYSTEM COMPLETE	35
O7418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

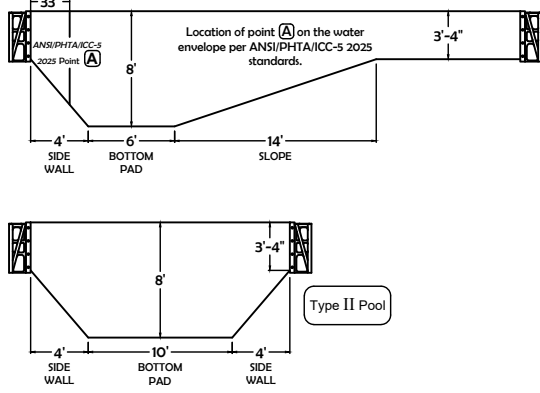
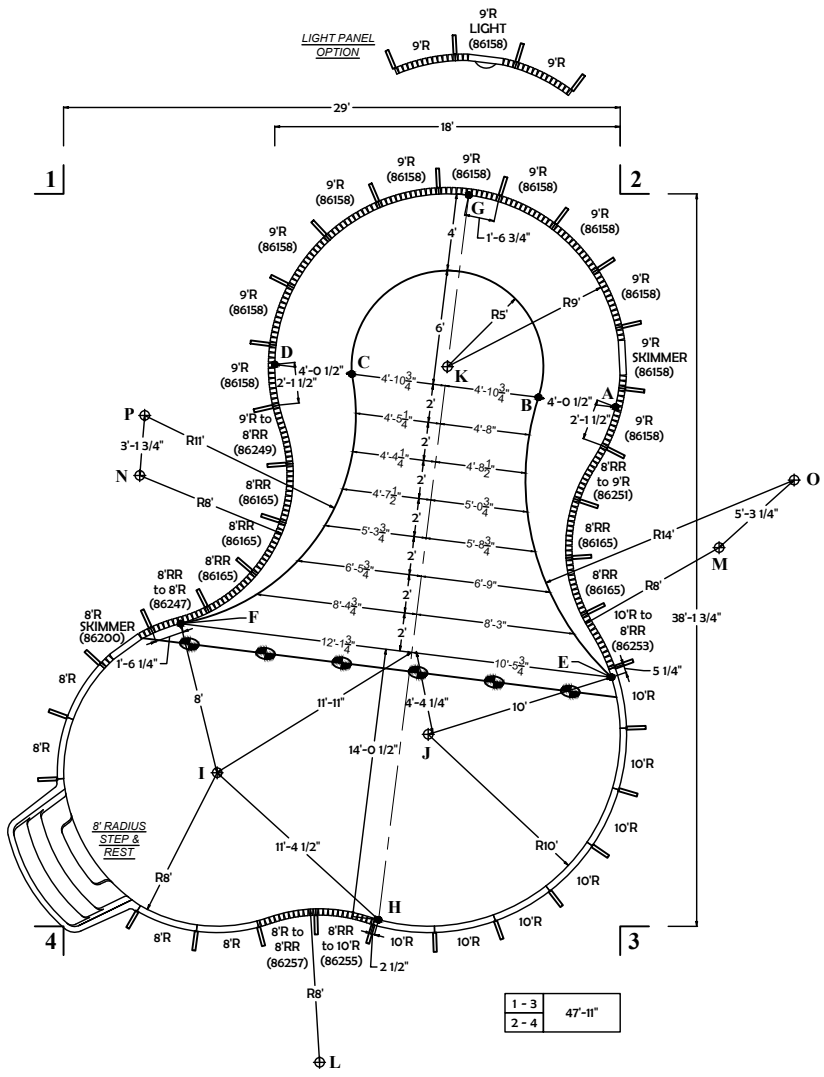
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

1 - A	30'-9 3/4"	2 - A	11'-1 1/4"	3 - A	27'-0 3/4"	4 - A	39'-5 3/4"	G - A	13'-5"	H - A	29'-5 1/4"
1 - B	26'-11"	2 - B	11'-5"	3 - B	27'-10 1/2"	4 - B	37'-0 1/4"	G - B	11'-1 3/4"	H - B	28'-5 1/2"
1 - C	17'-8 1/2"	2 - C	16'-10"	3 - C	31'-11 3/4"	4 - C	32'-5 1/2"	G - C	11'-1 3/4"	H - C	28'-5 1/2"
1 - D	14'-1 3/4"	2 - D	20'-1"	3 - D	34'-4 1/4"	4 - D	31'-3 1/4"	G - D	13'-5"	H - D	29'-5 1/4"
1 - E	38'-0 3/4"	2 - E	25'-2 1/4"	3 - E	12'-11 3/4"	4 - E	31'-4 1/4"	G - E	26'-2 1/4"	H - E	17'-6 1/4"
1 - F	23'-2 1/4"	2 - F	32'-0 1/4"	3 - F	27'-9 3/4"	4 - F	16'-11"	G - F	26'-10 3/4"	H - F	18'-6 3/4"
1 - G	21'-1 1/4"	2 - G	7'-10 3/4"	3 - G	38'-10 3/4"	4 - G	43'-6 1/2"	G - H	38'-0 1/2"	H - G	38'-0 1/2"
1 - H	41'-2 3/4"	2 - H	39'-10 1/4"	3 - H	12'-7 1/4"	4 - H	16'-5"	G - I	32'-9 3/4"	H - I	11'-4 1/2"
1 - I	31'-2 1/4"	2 - I	36'-9"	3 - I	22'-5 3/4"	4 - I	11'-3 3/4"	G - J	28'-2"	H - J	10'
1 - J	33'-11 1/2"	2 - J	29'-10 1/2"	3 - J	14'-1 3/4"	4 - J	21'-5 3/4"	G - K	9'	H - K	29'-0 1/2"
1 - K	21'-11 1/4"	2 - K	12'-8 3/4"	3 - K	30'-6 1/4"	4 - K	35'-4 1/4"	G - L	45'-10"	H - L	8'-0 1/2"
1 - L	47'-2"	2 - L	47'-10 1/2"	3 - L	17'-2 1/4"	4 - L	15'-1 1/4"	G - M	22'-6 1/4"	H - M	26'-3 1/4"
1 - M	38'-9 1/2"	2 - M	19'-1 1/2"	3 - M	20'-4 3/4"	4 - M	39'-5 1/4"	G - N	22'-6 1/4"	H - N	26'-3 1/4"
1 - N	15'-2 1/4"	2 - N	29'	3 - N	34'-3 3/4"	4 - N	23'-9 3/4"	G - O	22'-6 1/4"	H - O	31'-6 1/4"
1 - O	40'-10 1/2"	2 - O	17'-5 1/4"	3 - O	24'-11 1/4"	4 - O	44'-7 1/4"	G - P	20'-5"	H - P	28'-11 1/2"
1 - P	12'-3 1/2"	2 - P	27'-4"	3 - P	36'-4 1/4"	4 - P	26'-11 1/4"				



1 - 3	47'-11"
2 - 4	

18' x 38' x 29' Left Lagoon

Perimeter	115'-0" / 35.05 m	page 2 of 2	8' Radius Step
Surface Area	748.3 SF / 69.5 m ²		
Volume	22400 gal / 84800 L		
Liner Sq. Ft.	862.625 SF		

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	4
42112	10' RADIUS PANEL	7
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	21
86165S	8' REVERSE RADIUS PANEL STRAP	5
86158S	9' RADIUS PANEL STRAP	11
86200S	8' RADIUS PANEL STRAP	1
86247S	8'RR to 8'R STRAP SET	1
86249S	9'R to 8'RR STRAP SET	1
86251S	8'RR to 9'R STRAP SET	1
86253S	10'R to 8'RR STRAP SET	1
86255S	8'RR to 10'R STRAP SET	1
86257S	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	598
42146	BRACE SYSTEM COMPLETE	35
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

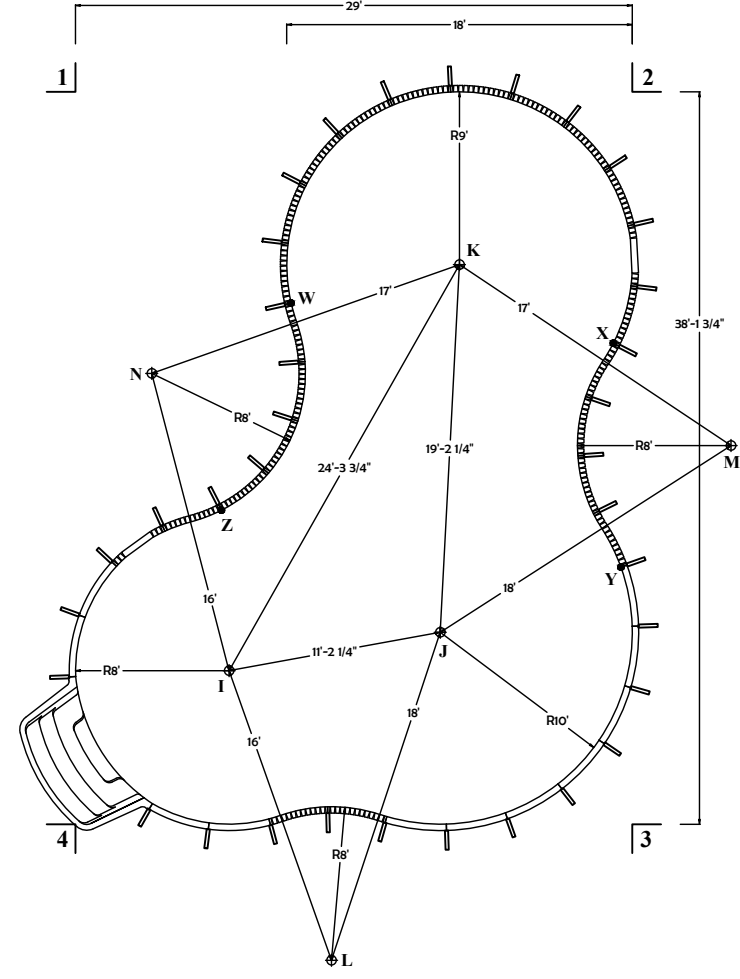
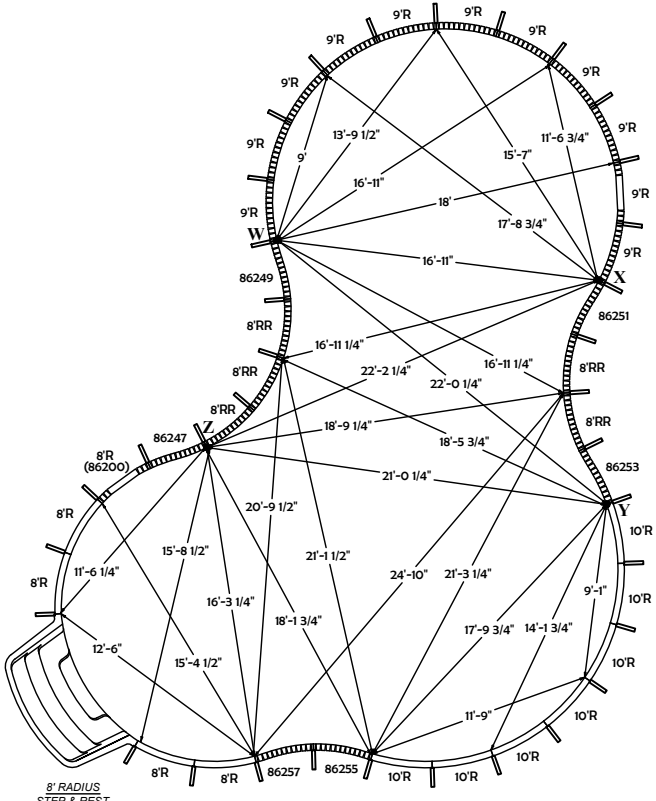
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C / ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE

1 - 3	47'-11"	1 - I	31'-2 1/4"	2 - I	36'-9"	3 - I	22'-5 3/4"	4 - I	11'-3 3/4"
2 - 4		1 - J	33'-11 1/2"	2 - J	29'-10 1/2"	3 - J	14'-1 3/4"	4 - J	21'-5 3/4"
		1 - K	21'-11 1/4"	2 - K	12'-8 3/4"	3 - K	30'-6 1/4"	4 - K	35'-4 1/4"
		1 - L	47'-2"	2 - L	47'-10 1/2"	3 - L	17'-2 1/4"	4 - L	15'-1 1/4"
		1 - M	38'-9 1/2"	2 - M	19'-1 1/2"	3 - M	20'-4 3/4"	4 - M	39'-5 1/4"
		1 - N	15'-2 1/4"	2 - N	29'	3 - N	34'-3 3/4"	4 - N	23'-9 3/4"
		1 - W	15'-8 3/4"	2 - W	20'-10 3/4"	3 - W	32'-5 1/2"	4 - W	29'-4 1/2"
		1 - X	30'-11"	2 - X	13'-1 1/2"	3 - X	25'-1"	4 - X	37'-7"
		1 - Y	37'-8 1/4"	2 - Y	24'-9 1/4"	3 - Y	13'-4 3/4"	4 - Y	31'-4 3/4"
		1 - Z	23'-1"	2 - Z	30'-6 1/2"	3 - Z	26'-11 1/4"	4 - Z	18'-0 1/2"



18' x 38' x 29' Right Lagoon

Perimeter	115'-0" / 35.05 m
Surface Area	748.3 SF / 69.5 m ²
Volume	22400 gal / 84800 L
Liner Sq. Ft.	862.625 SF

page
1 of 2

8' Radius Step

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	4
42112	10' RADIUS PANEL	7
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	21
86165S	8' REVERSE RADIUS PANEL STRAP	5
86158S	9' RADIUS PANEL STRAP	11
86200S	8' RADIUS PANEL STRAP	1
86248S	8'R to 8'RR STRAP SET	1
86250S	8'RR to 9'R STRAP SET	1
86252S	9'R to 8'RR STRAP SET	1
86254S	8'RR to 10'R STRAP SET	1
86256S	10'R to 8'RR STRAP SET	1
86258S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	598
42146	BRACE SYSTEM COMPLETE	35
07418RSNR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

1-A	30'-9 3/4"	2-A	11'-1 1/4"	3-A	27'-0 3/4"	4-A	39'-5 3/4"	G-A	13'-5"	H-A	29'-5 1/4"
1-B	26'-11"	2-B	11'-5"	3-B	27'-10 1/2"	4-B	37'-0 1/4"	G-B	11'-3 3/4"	H-B	28'-5 1/2"
1-C	17'-8 1/2"	2-C	16'-10"	3-C	31'-11 3/4"	4-C	32'-5 1/2"	G-C	11'-3 3/4"	H-C	28'-5 1/2"
1-D	14'-1 3/4"	2-D	20'-1"	3-D	34'-4 1/4"	4-D	31'-3 3/4"	G-D	13'-5"	H-D	29'-5 1/4"
1-E	38'-0 3/4"	2-E	25'-2 1/4"	3-E	12'-11 3/4"	4-E	31'-4 1/4"	G-E	26'-2 1/4"	H-E	17'-6 1/4"
1-F	23'-2 1/4"	2-F	32'-0 1/4"	3-F	27'-9 3/4"	4-F	16'-11"	G-F	26'-10 3/4"	H-F	18'-6 3/4"
1-G	21'-1 1/4"	2-G	7'-10 3/4"	3-G	38'-10 3/4"	4-G	43'-6 1/2"	G-H	38'-0 1/2"	H-G	38'-0 1/2"
1-H	41'-2 3/4"	2-H	39'-10 1/4"	3-H	12'-7 1/4"	4-H	16'-5"	G-I	32'-9 3/4"	H-I	11'-4 1/2"
1-I	31'-2 1/4"	2-I	36'-9"	3-I	22'-5 3/4"	4-I	11'-3 3/4"	G-J	28'-2"	H-J	10'
1-J	33'-11 1/2"	2-J	29'-10 1/2"	3-J	14'-1 3/4"	4-J	21'-5 3/4"	G-K	9'	H-K	29'-0 1/2"
1-K	21'-11 1/4"	2-K	12'-8 3/4"	3-K	30'-6 1/4"	4-K	35'-4 1/4"	G-L	45'-10"	H-L	8'-0 1/2"
1-L	47'-2"	2-L	47'-10 1/2"	3-L	17'-2 1/4"	4-L	15'-1 1/4"	G-M	22'-6 1/4"	H-M	26'-3 1/4"
1-M	38'-9 1/2"	2-M	19'-1 1/2"	3-M	20'-4 3/4"	4-M	39'-5 1/4"	G-N	22'-6 1/4"	H-N	26'-3 1/4"
1-N	15'-2 1/4"	2-N	29'	3-N	34'-3 3/4"	4-N	23'-9 3/4"	G-O	22'-6 1/4"	H-O	31'-6 1/4"
1-O	40'-10 1/2"	2-O	17'-5 1/4"	3-O	24'-11 1/2"	4-O	44'-7 1/4"	G-P	20'-5"	H-P	28'-11 1/2"
1-P	12'-3 1/2"	2-P	27'-4"	3-P	36'-4 1/4"	4-P	26'-11 1/4"				

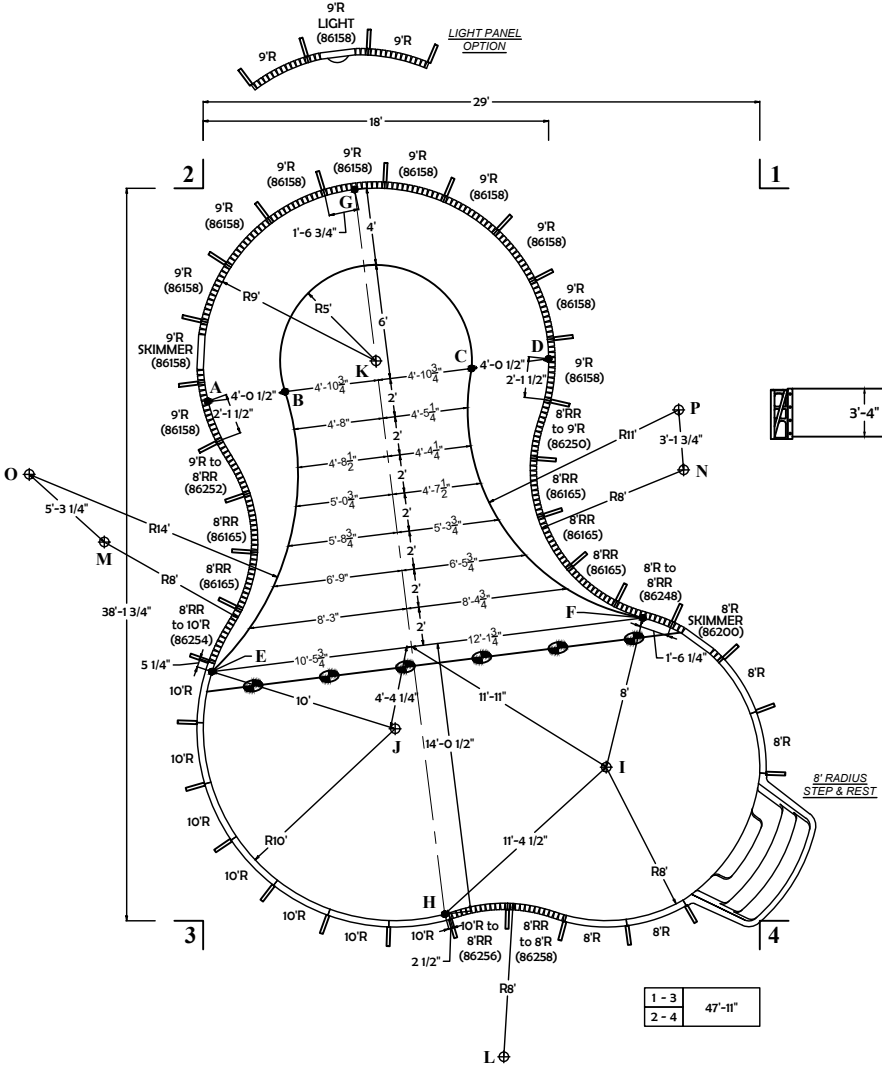
* - Use Bolts at Step Connection

This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

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- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS&C CODE



18' x 38' x 29' Left Lagoon w/ Nexus Stair

4'
4'

Perimeter	116'-3" / 35.43 m
Surface Area	753.5 SF / 70.0 m ²
Volume	22850 gal / 86500 L
Liner Sq. Ft.	872.375 SF

page
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ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	7
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	21
86158S	9' RADIUS PANEL STRAP	11
86200S	8' RADIUS PANEL STRAP	1
86165S	8' REVERSE RADIUS PANEL STRAP	6
88884S	8'RR to 9'R STRAP SET	1
88885S	10'R to 8'RR STRAP SET	1
88886S	8'RR to 8'R STRAP SET	1
88887S	9'R to 8'RR STRAP SET	1
88888S	8'RR to 10'R STRAP SET	1
09115	PUSH NUTS	598
42146	BRACE SYSTEM COMPLETE	37
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

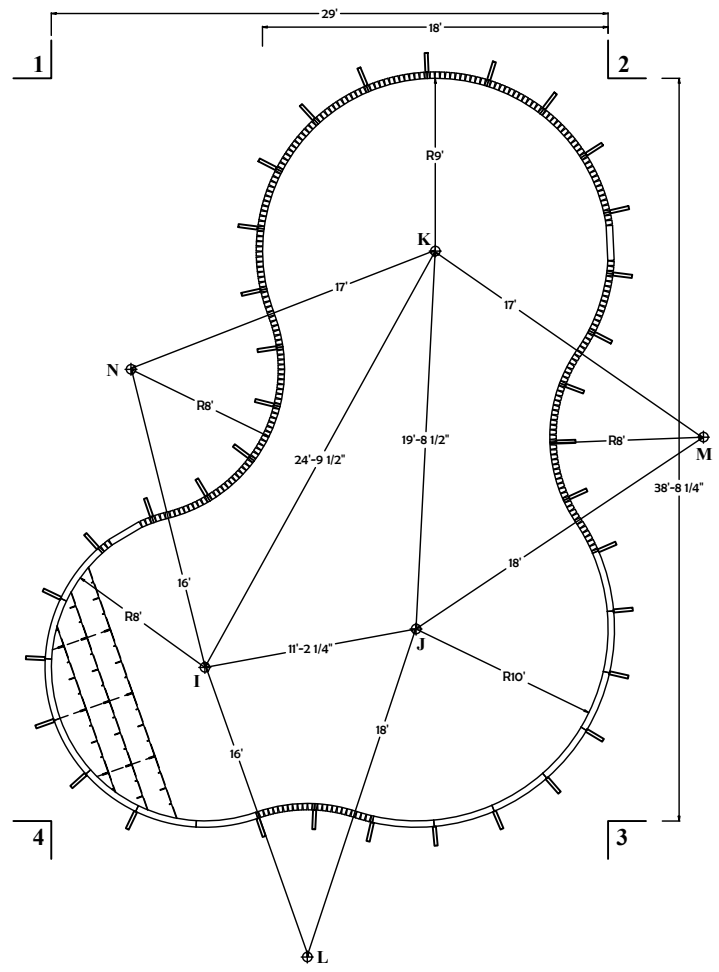
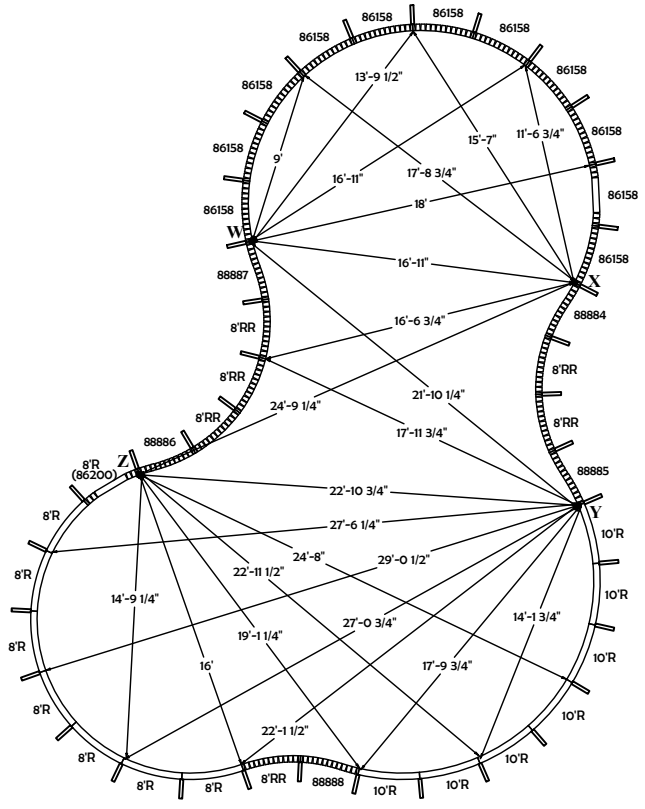
1 - 3	48'-4 1/4"	1 - 1	31'-8 1/2"	2 - 1	37'-2 1/4"	3 - 1	22'-5 3/4"	4 - 1	11'-3 3/4"
2 - 4		1 - J	34'-5"	2 - J	30'-4 1/2"	3 - J	14'-1 3/4"	4 - J	21'-5 3/4"
		1 - K	21'-11 1/4"	2 - K	12'-8 3/4"	3 - K	31'-0 1/4"	4 - K	35'-9 1/2"
		1 - L	47'-8"	2 - L	48'-4 1/2"	3 - L	17'-2 1/4"	4 - L	15'-1 1/4"
		1 - M	38'-9 1/4"	2 - M	19'-4"	3 - M	20'-7 1/4"	4 - M	39'-5"
		1 - N	15'-8 1/2"	2 - N	29'-1 1/4"	3 - N	34'-2 3/4"	4 - N	23'-10 3/4"
		1 - W	15'-8 1/4"	2 - W	20'-10 3/4"	3 - W	32'-11 1/4"	4 - W	29'-10 3/4"
		1 - X	30'-11"	2 - X	13'-2"	3 - X	25'-7"	4 - X	37'-10 3/4"
		1 - Y	37'-6"	2 - Y	24'-9"	3 - Y	13'-11 3/4"	4 - Y	31'-5 1/2"
		1 - Z	23'-9"	2 - Z	33'-1"	3 - Z	28'-3 3/4"	4 - Z	16'-5 1/4"

This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



18' x 38' x 29' Right Lagoon w/ Nexus Stair

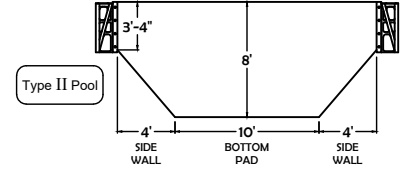
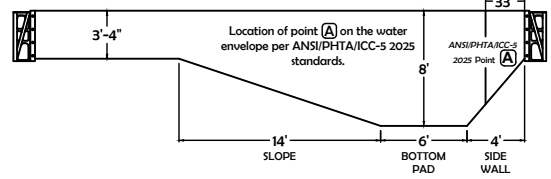
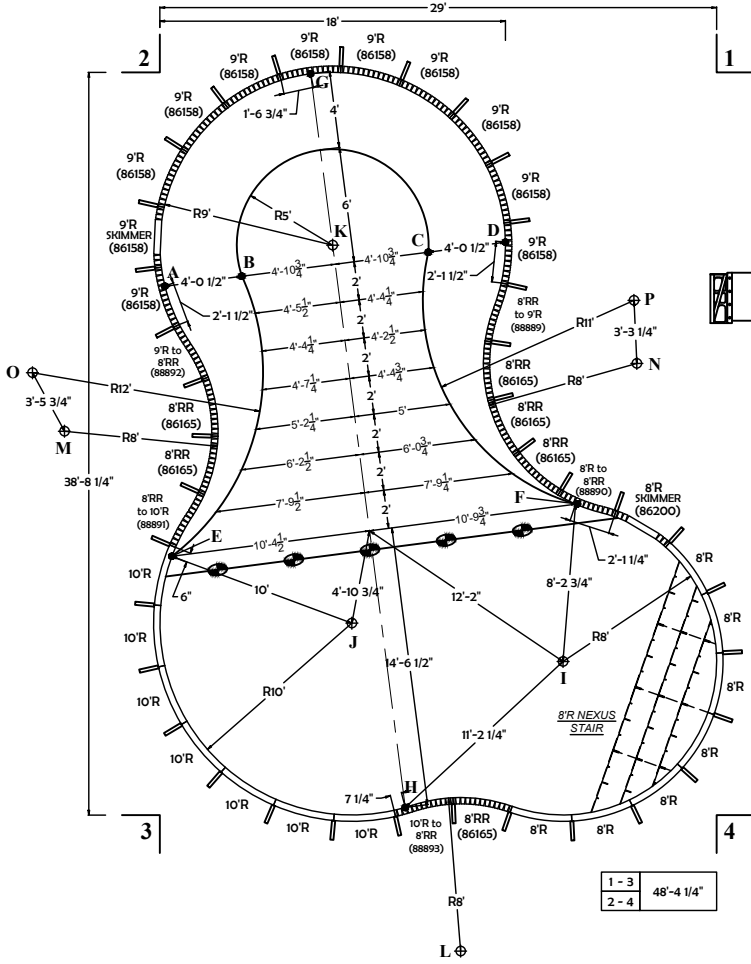
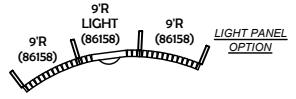
Perimeter	116'-3" / 35.43 m
Surface Area	753.5 SF / 70.0 m ²
Volume	22850 gal / 86500 L
Liner Sq. Ft.	872.375 SF

page
1 of 2

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	7
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	21
86158S	9' RADIUS PANEL STRAP	11
86200S	8' RADIUS PANEL STRAP	1
86165S	8' REVERSE RADIUS PANEL STRAP	6
88889S	8'RR to 9'R STRAP SET	1
88890S	8'R to 8'RR STRAP SET	1
88891S	8'RR to 10'R STRAP SET	1
88892S	9'R to 8'RR STRAP SET	1
88893S	10'R to 8'RR STRAP SET	1
09115	PUSH NUTS	598
42146	BRACE SYSTEM COMPLETE	37
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

1-A	30'-10"	2-A	11'-1 3/4"	3-A	27'-6 1/2"	4-A	39'-9 3/4"	G-A	13'-5"	H-A	29'-10 3/4"
1-B	26'-11"	2-B	11'-5 1/4"	3-B	28'-4 3/4"	4-B	37'-5"	G-B	11'-1 3/4"	H-B	28'-11 1/2"
1-C	17'-8 1/4"	2-C	16'-10"	3-C	32'-5 3/4"	4-C	32'-11 1/4"	G-C	11'-1 3/4"	H-C	28'-11 1/2"
1-D	14'-1 1/2"	2-D	20'-0 3/4"	3-D	34'-10 1/4"	4-D	31'-9 3/4"	G-D	13'-5"	H-D	29'-10 3/4"
1-E	31'-7 1/2"	2-E	25'-2 1/2"	3-E	13'-6"	4-E	31'-5"	G-E	26'-1 3/4"	H-E	17'-10 1/4"
1-F	23'-7 1/2"	2-F	31'-3 1/4"	3-F	27'-1 1/2"	4-F	17'-9"	G-F	26'-4 1/2"	H-F	18'-2 1/4"
1-G	21'-1 3/4"	2-G	7'-10 1/4"	3-G	39'-4 3/4"	4-G	44'-0 1/4"	G-H	38'-6 1/2"	H-G	38'-6 1/2"
1-H	41'-7"	2-H	40'-4 1/2"	3-H	12'-9 1/2"	4-H	16'-2 3/4"	G-I	33'-3 3/4"	H-I	11'-2 1/4"
1-I	31'-8 1/2"	2-I	37'-2 1/4"	3-I	22'-5 3/4"	4-I	11'-3 3/4"	G-J	28'-8 1/4"	H-J	10'
1-J	34'-5"	2-J	30'-4 1/2"	3-J	14'-1 3/4"	4-J	21'-5 3/4"	G-K	9'	H-K	29'-6 1/2"
1-K	21'-11 1/4"	2-K	12'-8 3/4"	3-K	31'-0 1/4"	4-K	35'-9 1/2"	G-L	46'-4 1/4"	H-L	8'-0 1/4"
1-L	47'-8"	2-L	48'-4 1/2"	3-L	17'-2 1/4"	4-L	15'-1 1/4"	G-M	22'-7 1/4"	H-M	26'-5 1/4"
1-M	38'-9 1/4"	2-M	19'-4"	3-M	20'-7 1/4"	4-M	39'-5"	G-N	22'-8 3/4"	H-N	26'-1"
1-N	15'-8 1/2"	2-N	29'-1 1/4"	3-N	34'-2 3/4"	4-N	23'-10 3/4"	G-O	21'-3 1/4"	H-O	29'-10"
1-O	38'-11"	2-O	17'	3-O	23'-11 3/4"	4-O	42'-5 1/4"	G-P	20'-6 3/4"	H-P	28'-11 3/4"
1-P	12'-7 1/2"	2-P	27'-4 3/4"	3-P	36'-5 1/2"	4-P	27'-1 3/4"				



This configuration is only available with 8' Radius Nexus Stair.

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18' x 38' x 29' Right Lagoon w/ Nexus Stair

Perimeter	116'-3" / 35.43 m
Surface Area	753.5 SF / 70.0 m ²
Volume	22850 gal / 86500 L
Liner Sq. Ft.	872.375 SF

page
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09115	PUSH NUTS	598
42146	BRACE SYSTEM COMPLETE	37
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

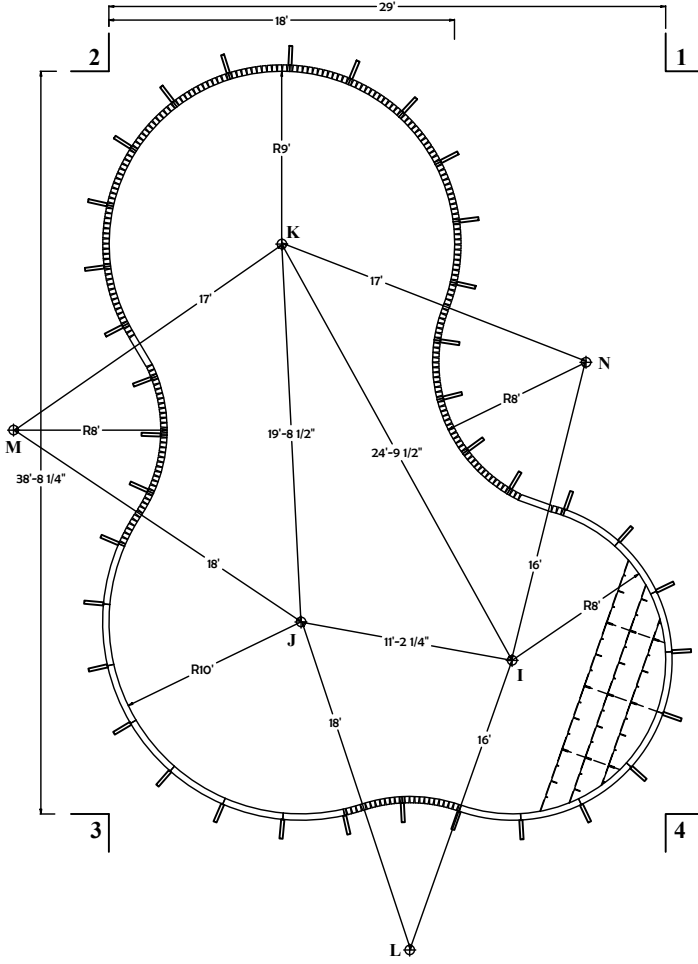
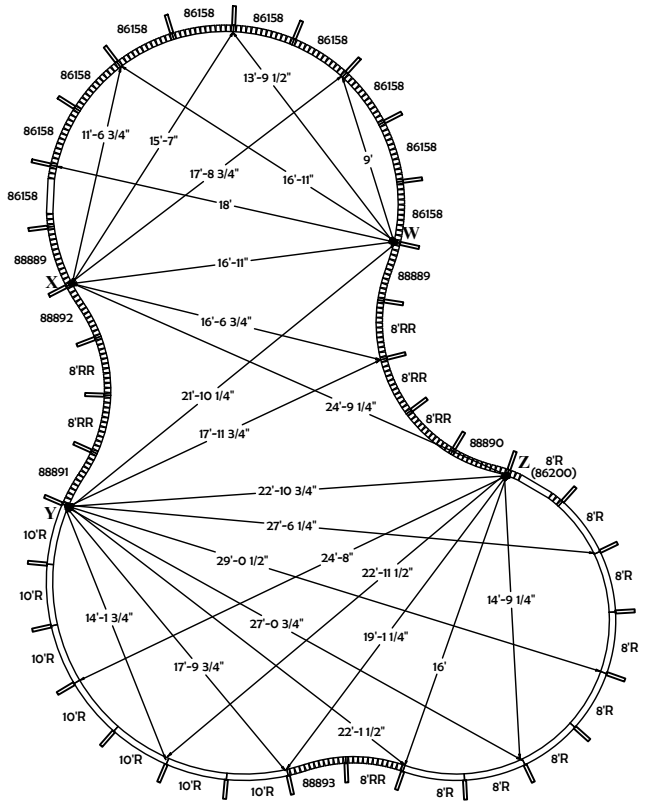
1 - 3	48'-4 1/4"
2 - 4	

1 - I	31'-8 1/2"
1 - J	34'-5"
1 - K	21'-11 1/4"
1 - L	47'-8"
1 - M	38'-9 1/4"
1 - N	15'-8 1/2"
1 - W	15'-8 1/4"
1 - X	30'-11"
1 - Y	37'-6"
1 - Z	23'-9"

2 - I	37'-2 1/4"
2 - J	30'-4 1/2"
2 - K	12'-8 3/4"
2 - L	48'-4 1/2"
2 - M	19'-4"
2 - N	29'-1 1/4"
2 - W	20'-10 3/4"
2 - X	13'-2"
2 - Y	24'-9"
2 - Z	33'-1"

3 - I	22'-5 3/4"
3 - J	14'-1 3/4"
3 - K	31'-0 1/4"
3 - L	17'-2 1/4"
3 - M	20'-7 1/4"
3 - N	34'-2 3/4"
3 - W	32'-11 1/4"
3 - X	25'-7"
3 - Y	13'-11 3/4"
3 - Z	28'-3 3/4"

4 - I	11'-3 3/4"
4 - J	21'-5 3/4"
4 - K	35'-9 1/2"
4 - L	15'-1 1/4"
4 - M	39'-5"
4 - N	23'-10 3/4"
4 - W	29'-10 3/4"
4 - X	37'-10 3/4"
4 - Y	31'-5 1/2"
4 - Z	16'-5 1/4"



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20' x 42' x 30' Left Lagoon

Perimeter	124'-3" / 37.87 m	page 1 of 2
Surface Area	862.5 SF / 80.1 m ²	
Volume	26500 gal / 100300 L	
Liner Sq. Ft.	1000.6667 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	5
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86166S	10' REVERSE RADIUS PANEL STRAP	8
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	1
86259S	10'R to 10'RR STRAP SET	1
86261S	8'RR to 10'R STRAP SET	1
86263S	8'R to 8'RR STRAP SET	1
09115	PUSH NUTS	338
42146	BRACE SYSTEM COMPLETE	38
07418R5NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

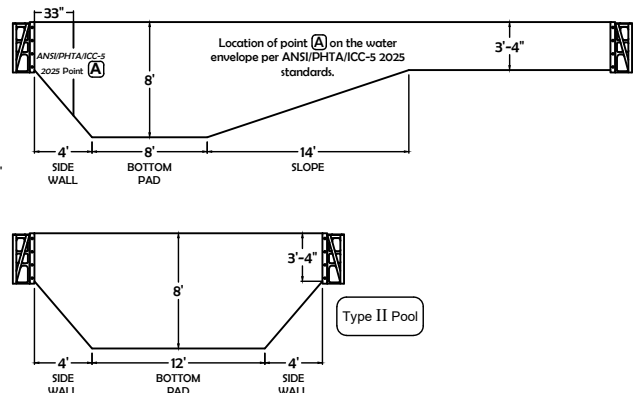
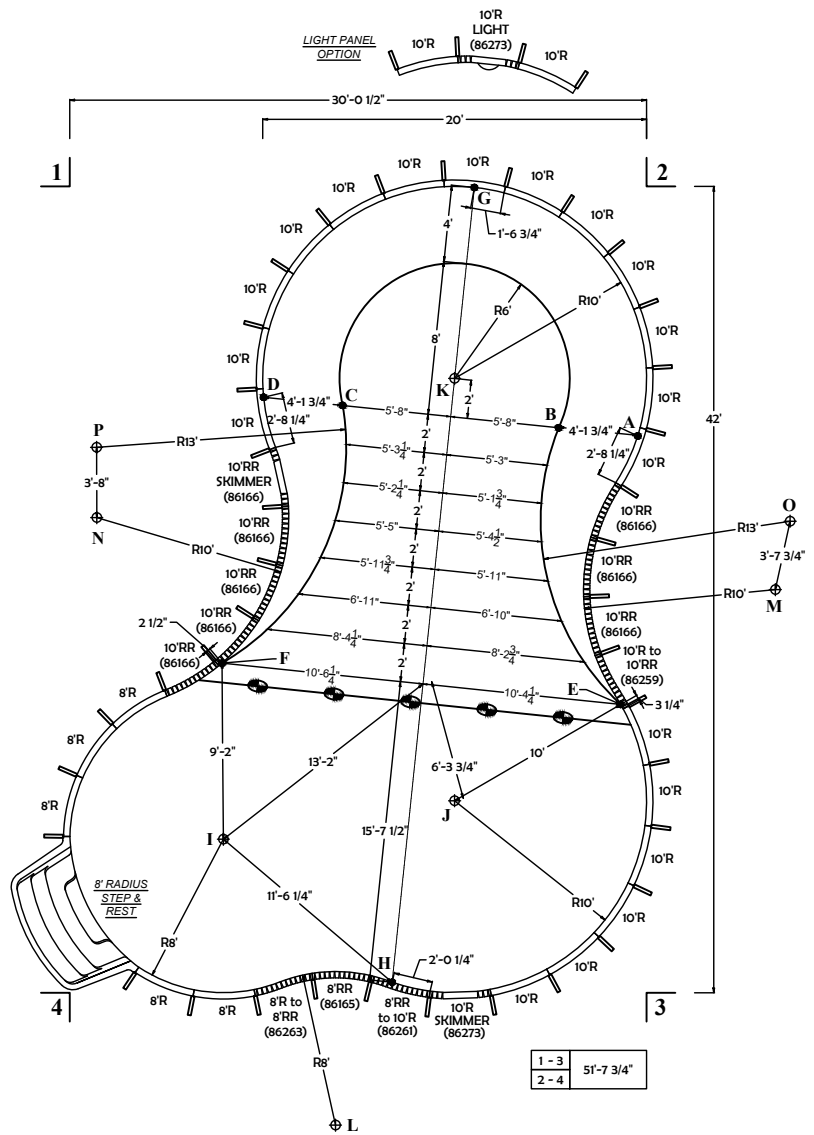
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1 - A	32'-3 3/4"	2 - A	13'	3 - A	29'	4 - A	41'-5 1/4"	G - A	15'-6"	H - A	31'-2 1/2"
1 - B	28'-4 3/4"	2 - B	13'-4 1/2"	3 - B	29'-9 1/2"	4 - B	38'-11"	G - B	13'-3 1/4"	H - B	30'-2"
1 - C	18'-2 3/4"	2 - C	19'-6 1/4"	3 - C	34'-5 1/4"	4 - C	33'-8 3/4"	G - C	13'-3 1/4"	H - C	30'-2"
1 - D	14'-11"	2 - D	22'-9 1/4"	3 - D	36'-10 1/2"	4 - D	32'-7 1/2"	G - D	15'-6"	H - D	31'-2 1/2"
1 - E	39'-4 3/4"	2 - E	27'-0 1/4"	3 - E	15'-1"	4 - E	32'-4 3/4"	G - E	27'-11 3/4"	H - E	18'-9"
1 - F	26'-0 3/4"	2 - F	33'-3"	3 - F	28'	4 - F	18'-11"	G - F	28'-0 1/2"	H - F	18'-10"
1 - G	21'-1"	2 - G	8'-11 3/4"	3 - G	42'-10 3/4"	4 - G	46'-11 1/4"	G - H	41'-7 1/2"	H - G	41'-7 1/2"
1 - H	44'-8 3/4"	2 - H	43'-6 1/4"	3 - H	13'-3 1/4"	4 - H	16'-9 1/2"	G - I	36'-4 1/2"	H - I	11'-6 1/4"
1 - I	34'-11 1/4"	2 - I	40'-6 1/4"	3 - I	23'-5 1/2"	4 - I	11'-3 3/4"	G - J	31'-11 1/2"	H - J	10'
1 - J	37'-9 1/4"	2 - J	33'-6 1/4"	3 - J	14'-1 3/4"	4 - J	22'-4 3/4"	G - K	10'	H - K	31'-7 1/2"
1 - K	22'-4 3/4"	2 - K	14'-1 3/4"	3 - K	33'-6 1/4"	4 - K	37'-9 1/4"	G - L	49'-4 1/2"	H - L	8'
1 - L	50'-9 3/4"	2 - L	51'-6 1/4"	3 - L	17'-7 1/4"	4 - L	15'-5 1/2"	G - M	26'-2"	H - M	28'-7"
1 - M	42'-4"	2 - M	22'-0 1/2"	3 - M	22'-0 1/2"	4 - M	42'-4"	G - N	26'-1 1/2"	H - N	28'-8 1/4"
1 - N	17'-3 3/4"	2 - N	33'-5 1/4"	3 - N	37'-10 1/4"	4 - N	24'-9 1/2"	G - O	23'-11 1/4"	H - O	31'-8 3/4"
1 - O	41'-4 1/2"	2 - O	18'-11 3/4"	3 - O	25'-8"	4 - O	44'-10 1/4"	G - P	23'-10 1/2"	H - P	31'-10"
1 - P	13'-8"	2 - P	31'-8 1/2"	3 - P	40'-4 1/4"	4 - P	28'-5 1/4"				



1 - 3	51'-7 3/4"
2 - 4	

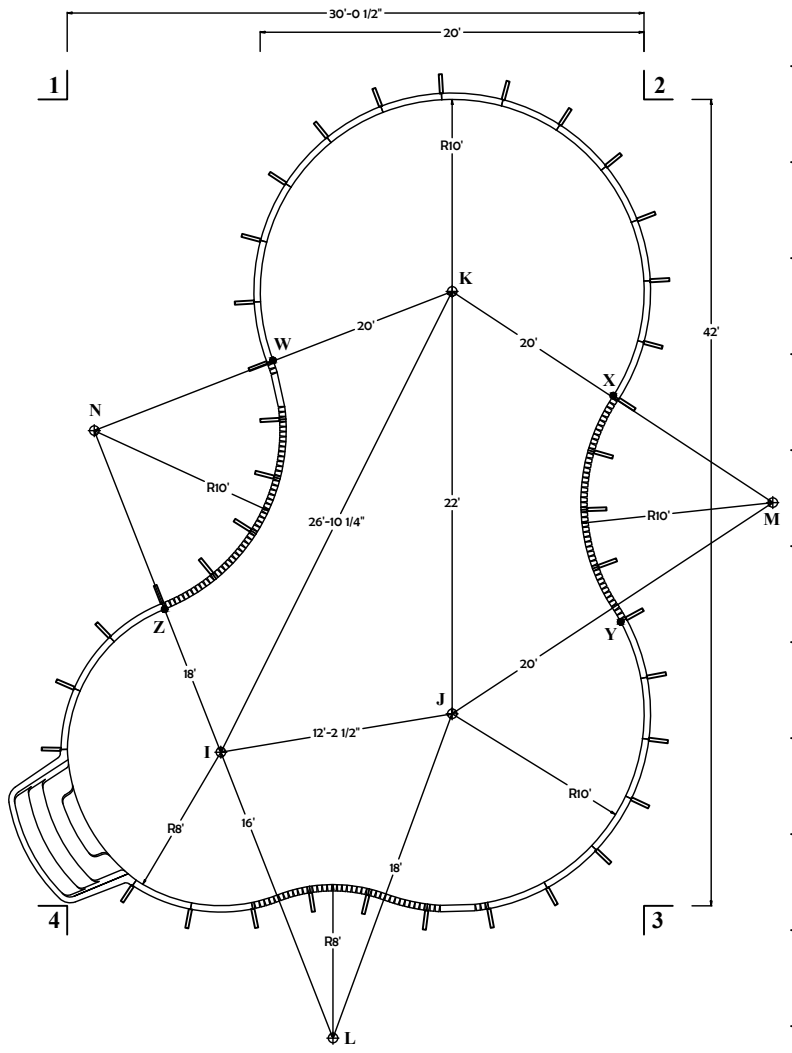
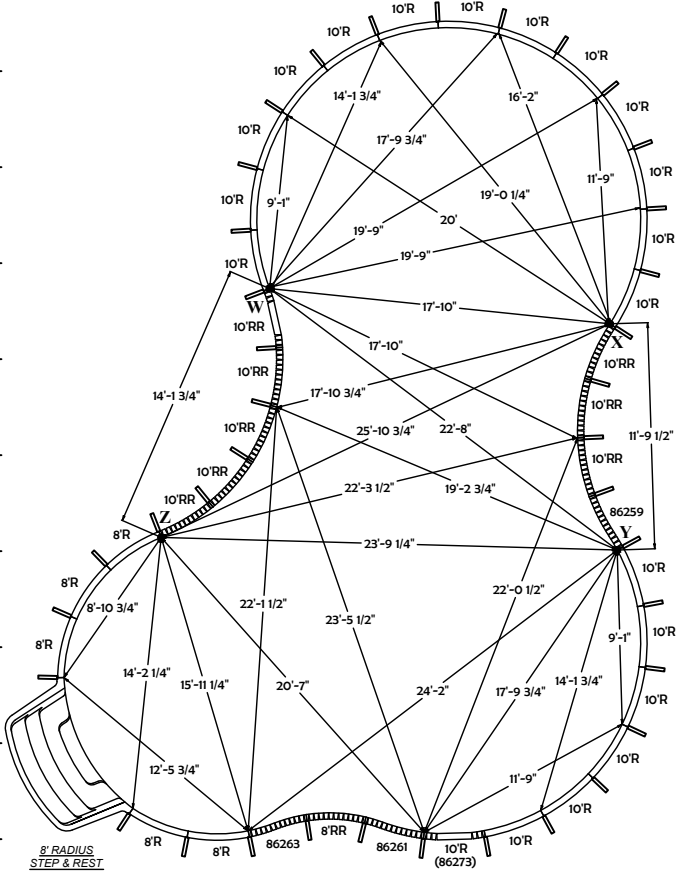
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1 - 3	51'-7 3/4"	1 - I	34'-11 1/4"	2 - I	40'-6 1/4"	3 - I	23'-5 1/2"	4 - I	11'-3 3/4"
2 - 4		1 - J	37'-9 1/4"	2 - J	33'-6 1/4"	3 - J	14'-1 3/4"	4 - J	22'-4 3/4"
		1 - K	22'-4 3/4"	2 - K	14'-1 3/4"	3 - K	33'-6 1/4"	4 - K	37'-9 1/4"
		1 - L	50'-9 3/4"	2 - L	51'-6 1/4"	3 - L	17'-7 1/4"	4 - L	15'-5 1/2"
		1 - M	42'-4"	2 - M	22'-0 1/2"	3 - M	22'-0 1/2"	4 - M	42'-4"
		1 - N	17'-3 3/4"	2 - N	33'-5 1/4"	3 - N	37'-10 1/4"	4 - N	24'-9 1/2"
		1 - W	17'-3 3/4"	2 - W	23'-7 1/2"	3 - W	34'-4 1/4"	4 - W	30'-4 1/4"
		1 - X	32'-4 1/4"	2 - X	15'-6 1/4"	3 - X	26'-7 1/2"	4 - X	38'-11"
		1 - Y	39'-7 3/4"	2 - Y	27'-2 3/4"	3 - Y	14'-10"	4 - Y	32'-4 3/4"
		1 - Z	27'-0 1/2"	2 - Z	36'-5 1/2"	3 - Z	29'-4 1/2"	4 - Z	16'-3"



* - Use Bolts at Step Connection

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- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/APHA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE

20' x 42' x 30' Right Lagoon

Perimeter	124'-3" / 37.87 m	page 1 of 2
Surface Area	862.5 SF / 80.1 m ²	
Volume	26500 gal / 100300 L	
Liner Sq. Ft.	1000.6667 SF	

ITEM #	PART DESCRIPTION	8' Radius Step
42111	8' RADIUS PANEL	5
42112	10' RADIUS PANEL	19
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	11
86165S	8' REVERSE RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS PANEL STRAP	8
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	1
86260S	10'RR to 10'R STRAP SET	1
86262S	10'R to 8'RR STRAP SET	1
86264S	8'RR to 8'R STRAP SET	1
09115	PUSH NUTS	338
42146	BRACE SYSTEM COMPLETE	38
074185NR	8' RADIUS STEP & REST	1
148838	3/8"-16X HEX WASHER HEAD BOLT	12*
149664	3/8"-16 HEX WASHER HEAD NUT	12*
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX STANDARD LIGHT PANEL	

* - Use Bolts at Step Connection

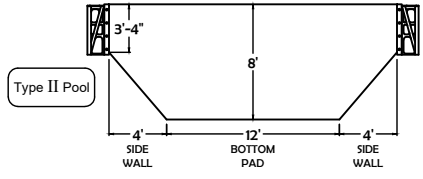
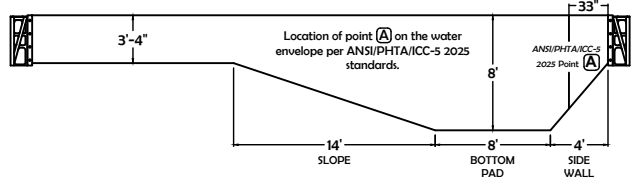
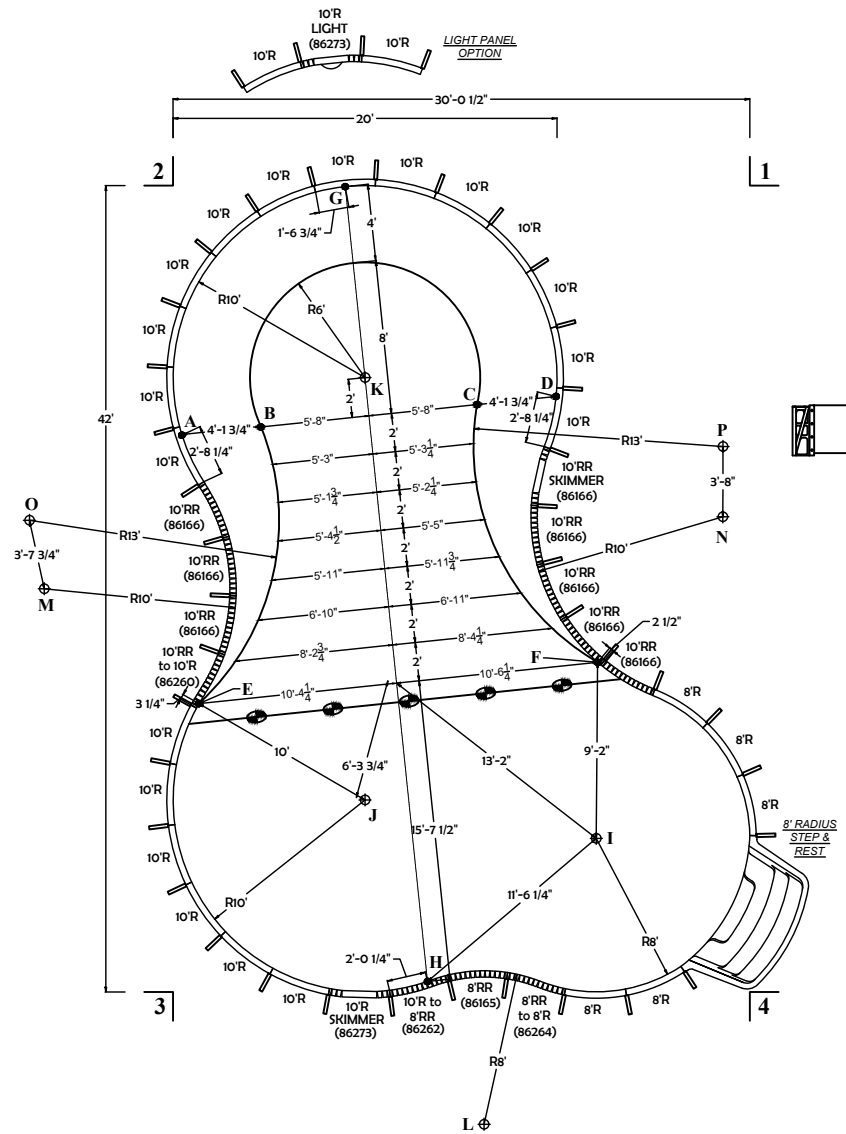
This configuration is only available with 8' Radius Step & Rest or 8' Radius Step & Spa.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS&C / ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHTA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPS&C CODE

1 - A	32'-3 3/4"	2 - A	13'	3 - A	29'	4 - A	41'-5 1/4"	G - A	15'-6"	H - A	31'-2 1/2"
1 - B	28'-4 3/4"	2 - B	13'-4 1/2"	3 - B	29'-9 1/2"	4 - B	38'-11"	G - B	13'-3 1/4"	H - B	30'-2"
1 - C	18'-2 3/4"	2 - C	19'-6 1/4"	3 - C	34'-5 1/4"	4 - C	33'-8 3/4"	G - C	13'-3 1/4"	H - C	30'-2"
1 - D	14'-11"	2 - D	22'-9 1/4"	3 - D	36'-10 1/2"	4 - D	32'-7 1/2"	G - D	15'-6"	H - D	31'-2 1/2"
1 - E	39'-4 3/4"	2 - E	27'-0 1/4"	3 - E	15'-1"	4 - E	32'-4 3/4"	G - E	27'-11 3/4"	H - E	18'-9"
1 - F	26'-0 3/4"	2 - F	33'-3"	3 - F	28'	4 - F	18'-11"	G - F	28'-0 1/2"	H - F	18'-10"
1 - G	21'-1"	2 - G	8'-11 3/4"	3 - G	42'-10 3/4"	4 - G	46'-11 1/4"	G - H	41'-7 1/2"	H - G	41'-7 1/2"
1 - H	44'-8 3/4"	2 - H	43'-6 1/4"	3 - H	13'-3 1/4"	4 - H	16'-9 1/2"	G - I	36'-4 1/2"	H - I	11'-6 1/4"
1 - I	34'-11 1/4"	2 - I	40'-6 1/4"	3 - I	23'-5 1/2"	4 - I	11'-3 3/4"	G - J	31'-11 1/2"	H - J	10'
1 - J	37'-9 1/4"	2 - J	33'-6 1/4"	3 - J	14'-1 3/4"	4 - J	22'-4 3/4"	G - K	10'	H - K	31'-7 1/2"
1 - K	22'-4 3/4"	2 - K	14'-1 3/4"	3 - K	33'-6 1/4"	4 - K	37'-9 1/4"	G - L	49'-4 1/2"	H - L	8'
1 - L	50'-9 3/4"	2 - L	51'-6 1/4"	3 - L	17'-7 1/4"	4 - L	15'-5 1/2"	G - M	26'-2"	H - M	28'-7"
1 - M	42'-4"	2 - M	22'-0 1/2"	3 - M	22'-0 1/2"	4 - M	42'-4"	G - N	26'-1 1/2"	H - N	28'-8 1/4"
1 - N	17'-3 3/4"	2 - N	33'-5 1/4"	3 - N	37'-10 1/4"	4 - N	24'-9 1/2"	G - O	23'-11 1/4"	H - O	31'-8 3/4"
1 - O	41'-4 1/2"	2 - O	18'-11 3/4"	3 - O	25'-8"	4 - O	44'-10 1/4"	G - P	23'-10 1/2"	H - P	31'-10"
1 - P	13'-8"	2 - P	31'-8 1/2"	3 - P	40'-4 1/4"	4 - P	28'-5 1/4"				



20' x 42' x 30' Left Lagoon w/ Nexus Stair

Perimeter	125'-8" / 38.3 m	page 1 of 2
Surface Area	868.0 SF / 80.6 m ²	
Volume	27150 gal / 102750 L	
Liner Sq. Ft.	1011.5012 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	13
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS PANEL STRAP	6
88894S	10'RR to 10'R STRAP SET	1
88895S	10'R to 10'RR STRAP SET	1
88896S	10'RR to 8'R STRAP SET	1
88897S	10'R to 10'RR STRAP SET	1
88898S	8'RR to 10'R STRAP SET	1
88899S	8'R to 8'RR STRAP SET	1
O9115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	40
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

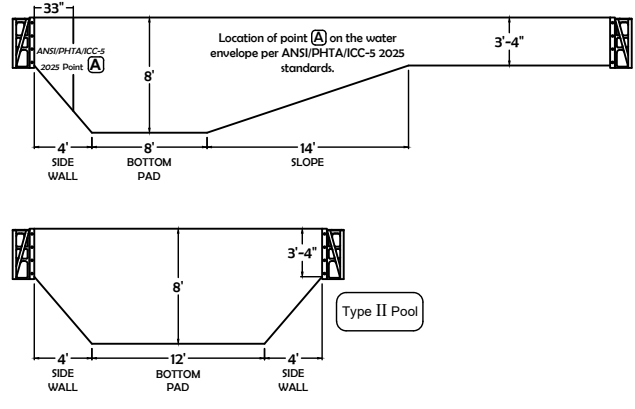
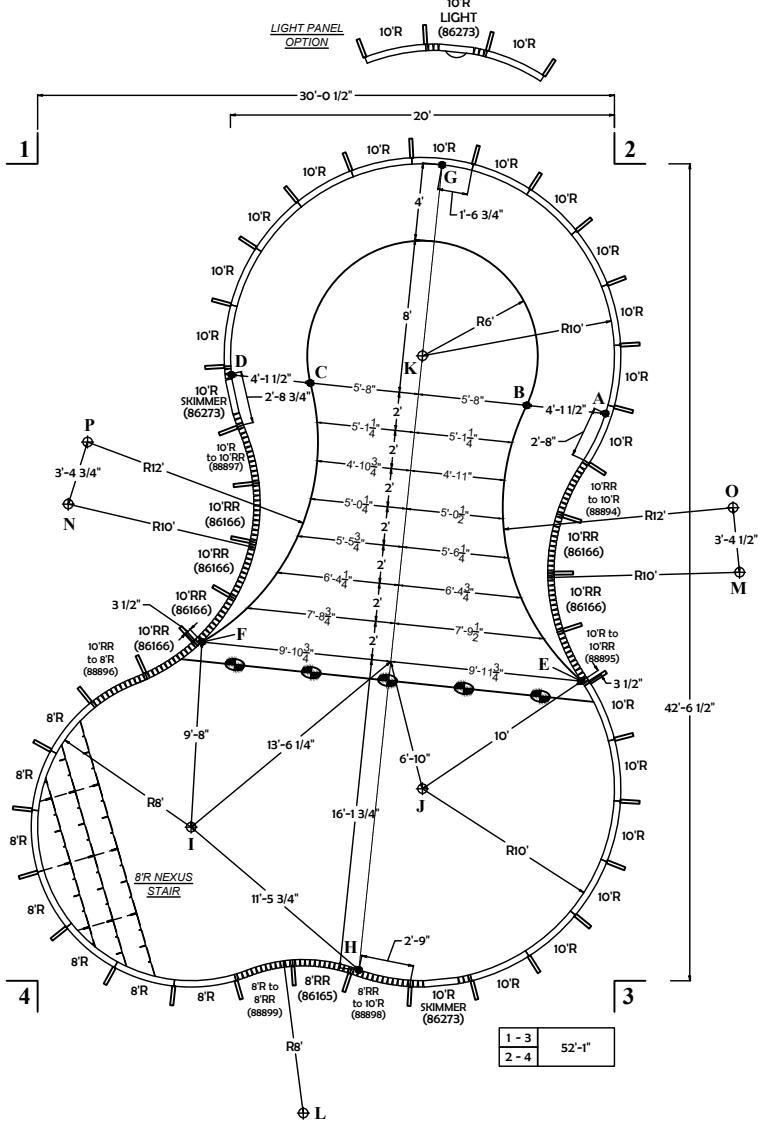
1 - A	32'-3 3/4"	2 - A	13'-0 1/4"	3 - A	29'-6 1/2"	4 - A	41'-9 3/4"	G - A	15'-6"	H - A	31'-8 1/2"
1 - B	28'-5"	2 - B	13'-4 1/2"	3 - B	30'-3 3/4"	4 - B	39'-4"	G - B	13'-3 1/4"	H - B	30'-8"
1 - C	18'-2 3/4"	2 - C	19'-6 1/4"	3 - C	34'-11 1/4"	4 - C	34'-2 3/4"	G - C	13'-3 1/4"	H - C	30'-8"
1 - D	14'-11"	2 - D	22'-9 1/4"	3 - D	37'-4"	4 - D	33'-1 3/4"	G - D	15'-6"	H - D	31'-8 1/2"
1 - E	39'-1 1/4"	2 - E	27'	3 - E	15'-8 1/4"	4 - E	32'-4"	G - E	27'-10 1/4"	H - E	18'-11 3/4"
1 - F	26'-4"	2 - F	32'-10 3/4"	3 - F	27'-9 3/4"	4 - F	19'-7 1/4"	G - F	27'-10"	H - F	18'-11 1/4"
1 - G	21'-1"	2 - G	8'-11 3/4"	3 - G	43'-5 1/4"	4 - G	47'-5 1/4"	G - H	42'-1 3/4"	H - G	42'-1 3/4"
1 - H	45'-2 1/2"	2 - H	44'-0 1/2"	3 - H	13'-3 3/4"	4 - H	16'-9"	G - I	36'-10 3/4"	H - I	11'-5 3/4"
1 - I	35'-5 1/2"	2 - I	40'-11 3/4"	3 - I	23'-5 1/2"	4 - I	11'-3 3/4"	G - J	32'-6 1/4"	H - J	10'
1 - J	38'-2 3/4"	2 - J	34'-0 1/2"	3 - J	14'-1 3/4"	4 - J	22'-4 3/4"	G - K	10'	H - K	32'-1 3/4"
1 - K	22'-4 1/2"	2 - K	14'-1 1/2"	3 - K	34'-1"	4 - K	38'-3"	G - L	49'-11"	H - L	8'
1 - L	51'-4 1/4"	2 - L	52'-0 1/2"	3 - L	17'-7 1/4"	4 - L	15'-5 1/2"	G - M	26'-3 1/4"	H - M	28'-8"
1 - M	42'-3 3/4"	2 - M	22'-3"	3 - M	22'-3"	4 - M	42'-3 3/4"	G - N	26'-3 1/2"	H - N	28'-7 1/4"
1 - N	17'-9 1/2"	2 - N	33'-6 1/4"	3 - N	37'-9"	4 - N	24'-10 1/2"	G - O	23'-5"	H - O	30'-11 3/4"
1 - O	40'-5"	2 - O	18'-11 1/4"	3 - O	25'-4 3/4"	4 - O	43'-9 3/4"	G - P	23'-5 1/4"	H - P	30'-11"
1 - P	14'-8 1/2"	2 - P	31'-0 1/4"	3 - P	39'-3"	4 - P	28'-2 1/4"				

This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



20' x 42' x 30' Left Lagoon w/ Nexus Stair

Perimeter	125'-8" / 38.3 m	page 2 of 2
Surface Area	868.0 SF / 80.6 m ²	
Volume	27150 gal / 102750 L	
Liner Sq. Ft.	1011.5012 SF	

ITEM #	PART DESCRIPTION	Nexus Stair
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	13
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS PANEL STRAP	6
88894S	10'RR to 10'R STRAP SET	1
88895S	10'R to 10'RR STRAP SET	1
88896S	10'RR to 8'R STRAP SET	1
88897S	10'R to 10'RR STRAP SET	1
88898S	8'RR to 10'R STRAP SET	1
88899S	8'R to 8'RR STRAP SET	1
0911S	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	40
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

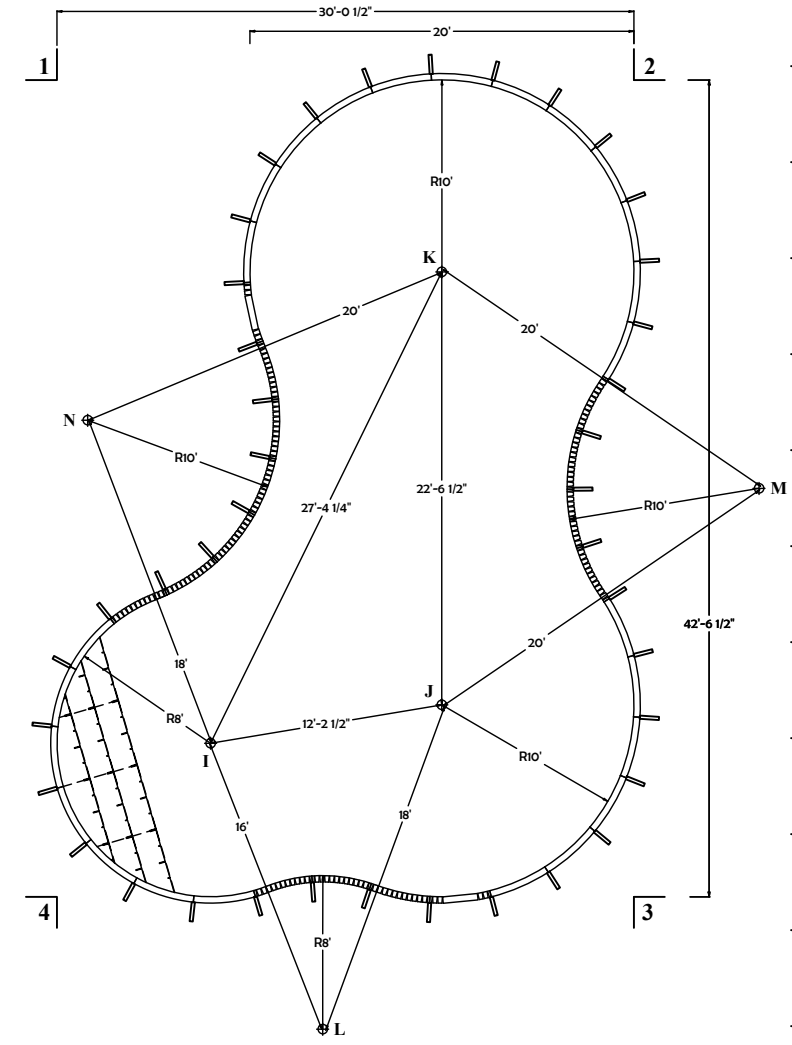
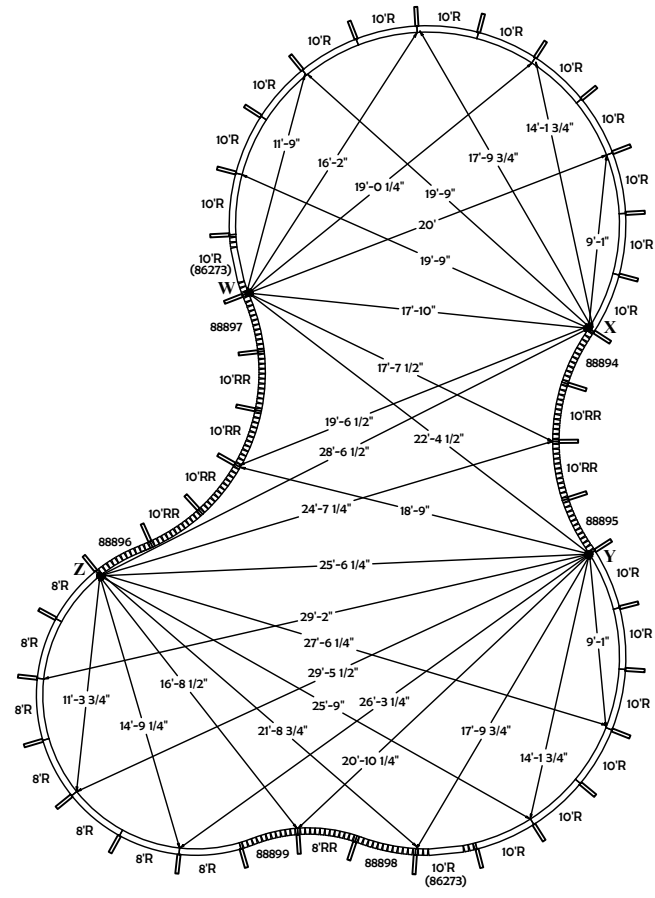
1 - 3	52'-1"	1 - I	35'-5 1/2"	2 - I	40'-11 3/4"	3 - I	23'-5 1/2"	4 - I	11'-3 3/4"
2 - 4		1 - J	38'-2 3/4"	2 - J	34'-0 1/2"	3 - J	14'-1 3/4"	4 - J	22'-4 3/4"
		1 - K	22'-4 1/2"	2 - K	14'-1 1/2"	3 - K	34'-1"	4 - K	38'-3"
		1 - L	51'-4 1/4"	2 - L	52'-0 1/2"	3 - L	17'-7 1/4"	4 - L	15'-5 1/2"
		1 - M	42'-3 3/4"	2 - M	22'-3"	3 - M	22'-3"	4 - M	42'-3 3/4"
		1 - N	17'-9 1/2"	2 - N	33'-6 1/4"	3 - N	37'-9"	4 - N	24'-10 1/2"
		1 - W	17'-3 3/4"	2 - W	23'-7 1/2"	3 - W	34'-9 3/4"	4 - W	30'-10 1/2"
		1 - X	32'-4 1/4"	2 - X	15'-6 1/4"	3 - X	27'-2"	4 - X	39'-3 3/4"
		1 - Y	39'-4 1/2"	2 - Y	27'-2 3/4"	3 - Y	15'-5 1/4"	4 - Y	32'-4 1/2"
		1 - Z	28'-5 3/4"	2 - Z	39'-2"	3 - Z	30'-7"	4 - Z	14'-6 1/2"

This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/8" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPSC CODE



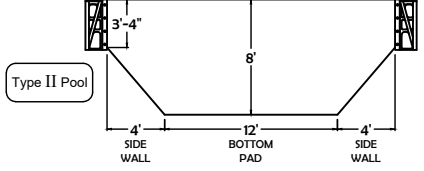
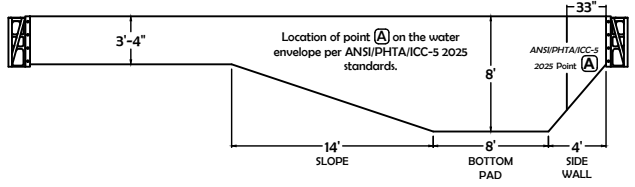
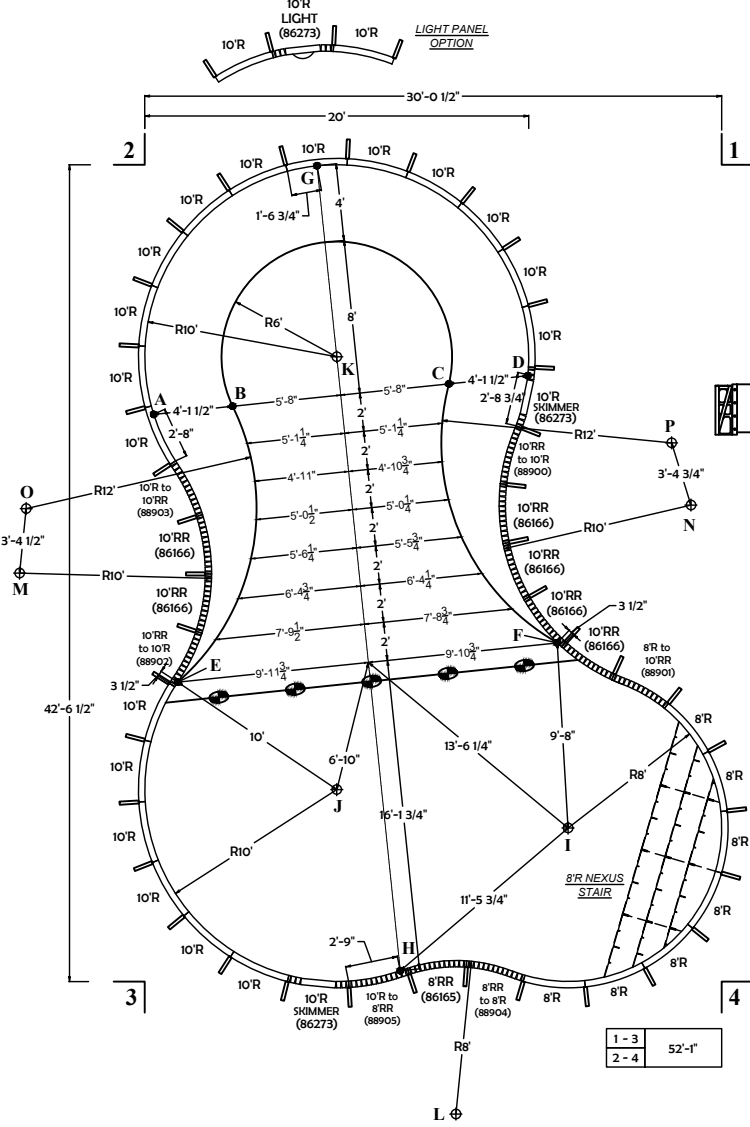
20' x 42' x 30' Right Lagoon w/ Nexus Stair

Perimeter	125'-8" / 38.3 m	page 1 of 2
Surface Area	868.0 SF / 80.6 m ²	
Volume	27150 gal / 102750 L	
Liner Sq. Ft.	1011.5012 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	13
862005	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS PANEL STRAP	6
88900S	10'RR to 10'R STRAP SET	1
88901S	8'R to 10'RR STRAP SET	1
88902S	10'RR to 10'R STRAP SET	1
88903S	10'R to 10'RR STRAP SET	1
88904S	8'RR to 8'R STRAP SET	1
88905S	10'R to 8'RR STRAP SET	1
O9115	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	40
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

1-A	32'-3 3/4"	2-A	13'-0 1/4"	3-A	29'-6 1/2"	4-A	41'-9 3/4"	G-A	15'-6"	H-A	31'-8 1/2"
1-B	28'-5"	2-B	13'-4 1/2"	3-B	30'-3 3/4"	4-B	39'-4"	G-B	13'-3 1/4"	H-B	30'-8"
1-C	18'-2 3/4"	2-C	19'-6 1/4"	3-C	34'-11 1/4"	4-C	34'-2 3/4"	G-C	13'-3 1/4"	H-C	30'-8"
1-D	14'-11"	2-D	22'-9 1/4"	3-D	37'-4"	4-D	33'-1 3/4"	G-D	15'-6"	H-D	31'-8 1/2"
1-E	39'-1 1/4"	2-E	27"	3-E	15'-8 1/4"	4-E	32'-4"	G-E	27'-10 1/4"	H-E	18'-11 3/4"
1-F	26'-4"	2-F	32'-10 3/4"	3-F	27'-9 3/4"	4-F	19'-7 1/4"	G-F	27'-10"	H-F	18'-11 1/4"
1-G	21'-1"	2-G	8'-11 3/4"	3-G	43'-5 1/4"	4-G	47'-5 1/4"	G-G	42'-1 3/4"	H-G	42'-1 3/4"
1-H	45'-2 1/2"	2-H	44'-0 1/2"	3-H	13'-3 3/4"	4-H	16'-9"	G-I	36'-10 3/4"	H-I	11'-5 3/4"
1-I	35'-5 1/2"	2-I	40'-11 3/4"	3-I	23'-5 1/2"	4-I	11'-3 3/4"	G-J	32'-6 1/4"	H-J	10'
1-J	38'-2 3/4"	2-J	34'-0 1/2"	3-J	14'-1 3/4"	4-J	22'-4 3/4"	G-K	10'	H-K	32'-1 3/4"
1-K	22'-4 1/2"	2-K	14'-1 1/2"	3-K	34'-1"	4-K	38'-3"	G-L	49'-11"	H-L	8'
1-L	51'-4 1/4"	2-L	52'-0 1/2"	3-L	17'-7 1/4"	4-L	15'-5 1/2"	G-M	26'-3 1/4"	H-M	28'-8"
1-M	42'-3 3/4"	2-M	22'-3"	3-M	22'-3"	4-M	42'-3 3/4"	G-N	26'-3 1/2"	H-N	28'-7 1/4"
1-N	17'-9 1/2"	2-N	33'-6 1/4"	3-N	37'-9"	4-N	24'-10 1/2"	G-O	23'-5"	H-O	30'-11 3/4"
1-O	40'-5"	2-O	18'-11 1/4"	3-O	25'-4 3/4"	4-O	43'-9 3/4"	G-P	23'-5 1/4"	H-P	30'-11"
1-P	14'-8 1/2"	2-P	31'-0 1/4"	3-P	39'-3"	4-P	28'-2 1/4"				



This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPSC & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

WARNING: Swimming pools can be dangerous if used improperly. Consult your dealer for information on safe use. It's the responsibility of town officials, builders and homeowners to follow safety recommendations of APSP/ANSI, local ordinances & equipment manufacturers.

- All work not specifically shown here is to be done in accordance with the requirements of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS, and all other local building codes.
- Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.
- Depth and shape of the pool meet minimum standards of the 2024 INTERNATIONAL SWIMMING POOL & SPA CODE and the ANSI/PHITA/ICC-5 2025 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.
- A means of entry & exit for the deep & shallow end of the pool must be provided in accordance with 2024 INTERNATIONAL SWIMMING POOL & SPA CODE, section 809.
- Equipotential bonding must be provided in accordance with the NEC CODE, NFPA 70.
- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC/ISPSC CODE

20' x 42' x 30' Right Lagoon w/ Nexus Stair

Perimeter	125'-8" / 38.3 m	page 2 of 2
Surface Area	868.0 SF / 80.6 m ²	
Volume	27150 gal / 102750 L	
Liner Sq. Ft.	1011.5012 SF	

Nexus Stair

ITEM #	PART DESCRIPTION	
42111	8' RADIUS PANEL	7
42112	10' RADIUS PANEL	18
42116S	VERSA-FLEX SKIMMER PANEL	2
42115	VERSA-FLEX PANEL	13
86200S	8' RADIUS PANEL STRAP	
86273S	10' RADIUS PANEL STRAP	2
86165S	8' REVERSE RADIUS PANEL STRAP	1
86166S	10' REVERSE RADIUS PANEL STRAP	6
88900S	10'RR to 10'R STRAP SET	1
88901S	8'R to 10'RR STRAP SET	1
88902S	10'RR to 10'R STRAP SET	1
88903S	10'R to 10'RR STRAP SET	1
88904S	8'RR to 8'R STRAP SET	1
88905S	10'R to 8'RR STRAP SET	1
0911S	PUSH NUTS	390
42146	BRACE SYSTEM COMPLETE	40
N55003	8' RADIUS NEXUS STAIR	1
86151	CHANNEL-LOC SONOTUBE	
42116L	VERSA-FLEX LIGHT PANEL	

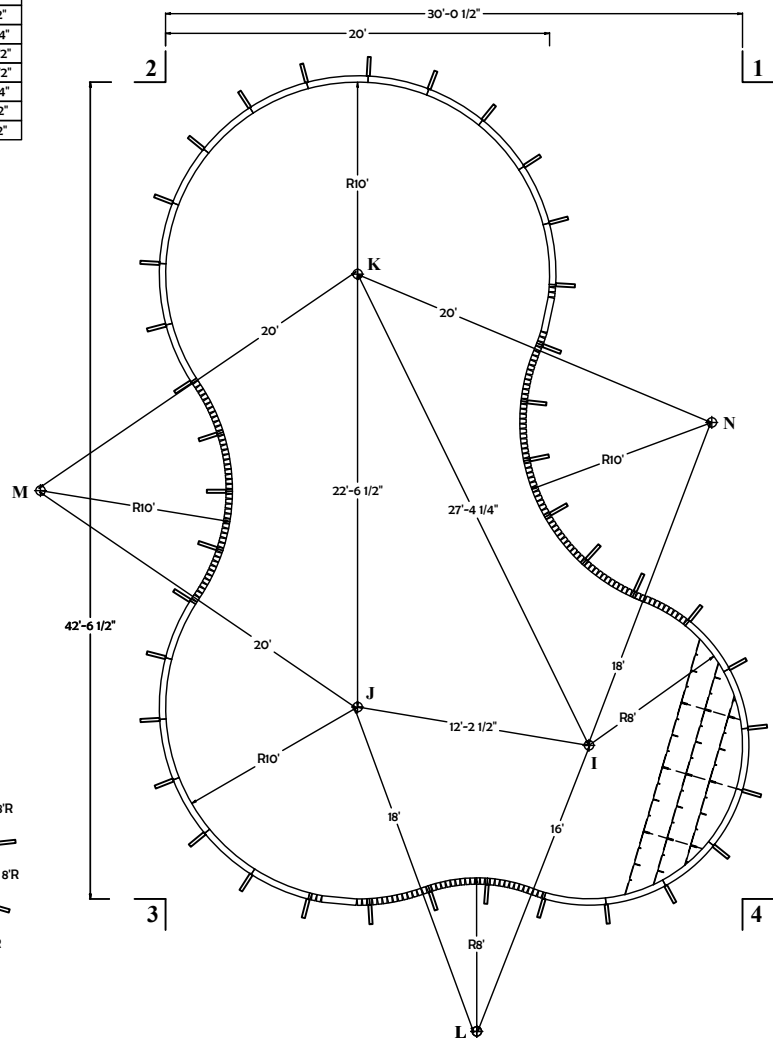
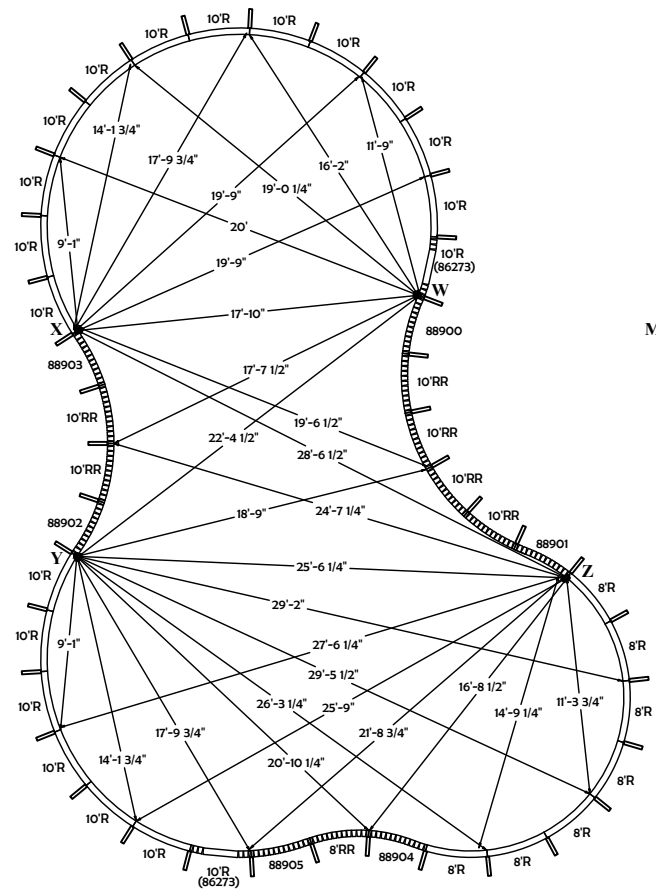
1 - 3	52'-1"	1 - I	35'-5 1/2"	2 - I	40'-11 3/4"	3 - I	23'-5 1/2"	4 - I	11'-3 3/4"
2 - 4		1 - J	38'-2 3/4"	2 - J	34'-0 1/2"	3 - J	14'-1 3/4"	4 - J	22'-4 3/4"
		1 - K	22'-4 1/2"	2 - K	14'-1 1/2"	3 - K	34'-1"	4 - K	38'-3"
		1 - L	51'-4 1/4"	2 - L	52'-0 1/2"	3 - L	17'-7 1/4"	4 - L	15'-5 1/2"
		1 - M	42'-3 3/4"	2 - M	22'-3"	3 - M	22'-3"	4 - M	42'-3 3/4"
		1 - N	17'-9 1/2"	2 - N	33'-6 1/4"	3 - N	37'-9"	4 - N	24'-10 1/2"
		1 - W	17'-3 3/4"	2 - W	23'-7 1/2"	3 - W	34'-9 3/4"	4 - W	30'-10 1/2"
		1 - X	32'-4 1/4"	2 - X	15'-6 1/4"	3 - X	27'-2"	4 - X	39'-3 3/4"
		1 - Y	39'-4 1/2"	2 - Y	27'-2 3/4"	3 - Y	15'-5 1/4"	4 - Y	32'-4 1/2"
		1 - Z	28'-5 3/4"	2 - Z	39'-2"	3 - Z	30'-7"	4 - Z	14'-6 1/2"

This configuration is only available with 8' Radius Nexus Stair.

DIVING PERMITTED ONLY FROM DESIGNATED DIVING AREA.
The bottom configuration shown conforms with current ISPS & ANSI / APSP / ICC suggested minimum standards for pools approved for use with manufactured diving equipment.

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- All braces are to be contained within an 8" thick continuous poured concrete (2500 psi) perimeter collar.
- Backfill with clean earth, free of roots and debris.
- Finished bottom is to be 2" minimum of suitable material or undisturbed earth.
- 3' wide, 3" thick concrete deck is to be poured at a slope of 1/4" to 1' away from the pool.
- NO DIVING labels are to be installed around the perimeter of the pool.
- A safety line, with buoys, is to be permanently attached 10' to the shallow side of the point of first slope change.
- Suction entrapment avoidance to be installed in accordance with APSP/ANSI/ICC, ISPS CODE



APPENDIX

	page no.
<i>Deck Square Footage Chart</i>	A1, A2
<i>Skimmer Cutouts</i>	A3, A4
<i>Grecian Filler Installation</i>	A5
<i>Nexus Connection System</i>	A6
<i>Panel Template & Bolted Step Connection</i>	A7
<i>Versa-Wall Panel & Straps</i>	A8
<i>Progressive Coping Layouts</i>	A9-A37
<i>CP2 Coping Layouts</i>	A38-A66
<i>Progressive Coping Installation</i>	A67
<i>Panel Dig Cross Section</i>	A68

DECK SQUARE FOOTAGE CHART

Deck square footage calculations are for estimating purposes only.

January
2026

POLYMER
POOL SYSTEM

The 3', 4', and 5' decks are offsets from the pool or pool & step unit perimeters. These offsets do **NOT** square off any radius corners on either the step unit or the pool.

Deck Square Footage Chart

(A 2' radius corner on the pool will be a 5', 6', or 7' radius around the perimeter of the deck.)

<i>6" RADIUS OR 90 DEGREE</i>	<i>3' DECK</i>	<i>4' DECK</i>	<i>5' DECK</i>	<i>2' RADIUS (continued)</i>	<i>3' DECK</i>	<i>4' DECK</i>	<i>5' DECK</i>	<i>4' RADIUS (continued)</i>	<i>3' DECK</i>	<i>4' DECK</i>	<i>5' DECK</i>
12' x 24' No Stair	252	352	460	16' x 32' w/ 8' Plastic/End Nexus Stairs	320	438	562	16' x 36' No Stair	320	439	564
12' x 24' w/ 8' Plastic Stair	266	369	480	16' x 32' w/ Side Nexus Stair	325	445	572	16' x 36' w/ 8' Plastic Stair	334	458	587
								16' x 36' w/ 6' Side Plastic Stair	340	467	600
14' x 28' No Stair	288	400	520	16' x 36' No Stair	330	453	582				
14' x 28' w/ 8' Plastic Stair	303	418	540	16' x 36' w/ 8' Plastic/End Nexus Stairs	344	470	602	18' x 36' No Stair	332	455	584
				16' x 36' w/ Side Nexus Stair	349	482	612	18' x 36' w/ 8' Plastic Stair	346	473	605
16' x 32' No Stair	324	448	520					18' x 36' w/ 6' Side Plastic Stair	352	483	620
16' x 32' w/ 8' Plastic Stair	339	467	601	18' x 36' No Stair	342	469	602				
				18' x 36' w/ 8' Plastic/End Nexus Stairs	356	486	622	20' x 40' No Stair	368	503	644
16' x 36' No Stair/Nexus Stair	348	480	620	18' x 36' w/ Side Nexus Stair	361	493	632	20' x 40' w/ 8' Plastic Stair	382	520	664
16' x 36' w/ 8' Plastic Stair	362	497	640					20' x 40' w/ 6' Side Plastic Stair	388	531	680
				20' x 40' No Stair	378	517	662				
18' x 36' No Stair/Nexus Stair	360	496	640	20' x 40' w/ 8' Plastic/End Nexus Stairs	392	534	682	16' x 42' x 24' El No Stair	408	556	710
18' x 36' w/ 8' Plastic Stair	374	513	660	20' x 40' w/ Side Nexus Stair	397	541	692	16' x 42' x 24' El w/ 8' Plastic Stair	423	575	732
20' x 40' No Stair/Nexus Stair	396	544	700	16' x 38' x 24' El No Stair	385	525	671	18' x 42' x 26' El No Stair	419	571	729
20' x 40' w/ 8' Plastic Stair	410	561	720	16' x 38' x 24' El w/ 8' Plastic Stair	400	544	695	18' x 42' x 26' El w/ 8' Plastic Stair	435	591	752
16' x 38' x 24' El No Stair/Nexus Stair	408	560	720	18' x 38' x 26' El No Stair	397	541	691	20' x 44' x 30' El No Stair	444	604	770
16' x 38' x 24' El w/ 8' Plastic Stair	422	577	740	18' x 38' x 26' El w/ 8' Plastic Stair	412	560	715	20' x 44' x 30' El w/ 8' Plastic Stair	459	623	792
18' x 38' x 26' El No Stair/Nexus Stair	420	576	740	20' x 44' x 30' El No Stair	457	621	791	16' x 42' Lazy El No Stair	354	485	622
18' x 38' x 26' El w/ 8' Plastic Stair	434	593	760	20' x 44' x 30' El w/ 8' Plastic/Nexus Stair	471	638	811	16' x 42' Lazy El w/ 8' Plastic Stair	369	504	644
20' x 44' x 30' El No Stair/Nexus Stair	444	608	780	16' x 42' Lazy El No Stair	352	482	618	18' x 44' Lazy El No Stair	374	512	655
20' x 44' x 30' El w/ 8' Plastic Stair	458	625	800	16' x 42' Lazy El w/ 8' Plastic/Nexus Stair	366	499	639	18' x 44' Lazy El w/ 8' Plastic Stair	389	530	677
				<i>2' RADIUS</i>							
				<i>3' DECK</i>	<i>4' DECK</i>	<i>5' DECK</i>					
				18' x 43' Lazy El No Stair	373	510	653	20' x 47' Lazy El No Stair	399	545	697
12' x 24' No Stair	234	325	422	18' x 43' Lazy El w/ 8' Plastic/Nexus Stair	387	527	673	20' x 47' Lazy El w/ 8' Plastic Stair	414	563	718
12' x 24' w/ 8' Plastic Stair	249	344	445								
12' x 24' w/ Side Nexus Stair	253	349	452	20' x 48' Lazy El No Stair	410	559	714				
				20' x 48' Lazy El w/ 8' Plastic/Nexus Stair	424	576	734	<i>OVAL</i>	<i>3' DECK</i>	<i>4' DECK</i>	<i>5' DECK</i>
								16' x 33' w/ 8'R Plastic Stair	297	409	526
14' x 28' No Stair	270	373	482								
14' x 28' w/ 8' Plastic Stair	284	391	503	<i>4' RADIUS</i>	<i>3' DECK</i>	<i>4' DECK</i>	<i>5' DECK</i>	18' x 36' w/ 8'R Plastic Stair	325	446	573
14' x 28' w/ Side Nexus Stair	289	397	512	14' x 28' No Stair	259	359	464				
				14' x 28' w/ 6' Plastic Stair	281	388	502	20' x 41' w/ 8'R Plastic Stair	359	490	628
16' x 32' No Stair	306	421	542								
				16' x 32' No Stair	296	407	524				
				16' x 32' w/ 8' Plastic Stair	310	425	547				

DECK SQUARE FOOTAGE CHART

Deck square footage calculations are for estimating purposes only.

The 3', 4', and 5' decks are offsets from the pool or pool & step unit perimeters. These offsets do **NOT** square off any radius corners on either the step unit or the pool.

(A 2' radius corner on the pool will be a 5', 6', or 7' radius around the perimeter of the deck.)

January
2026

POLYMER
POOL SYSTEM

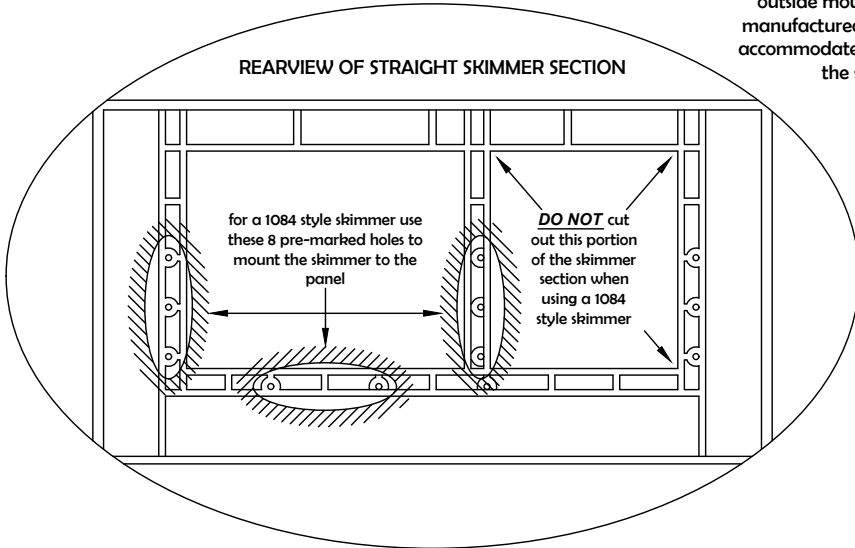
Deck Square Footage Chart

<i>GRECIAN</i>	3' DECK	4' DECK	5' DECK	<i>ROMAN END (continued)</i>	3' DECK	4' DECK	5' DECK	<i>MOUNTAIN POND</i>	3' DECK	4' DECK	5' DECK
14'6" x 28'6" No Stair	258	357	463	18' x 38' No Stair	338	450	578	20' x 33' No Stair/Nexus Stair	305	418	538
14'6" x 28'6" w/ 6' Plastic Side/End Stair	275	380	491	18' x 38' w/ 8'R Plastic Stair	345	472	606	20' x 33' w/ 8'R Plastic Stair	292	402	518
				18' x 38' w/ 8' Side Plastic Stair	343	469	600				
16'6" x 32'6" No Stair	294	405	523	18' x 38' w/ Nexus Stair	301	462	593	21' x 35' No Stair/Nexus Stair	324	444	570
16'6" x 32'6" w/ 8' Plastic End Stair	309	425	547					21' x 35' w/ 8'R Plastic Stair	311	427	550
16'6" x 32'6" w/ 6' Plastic Side Stair	266	369	480	20' x 42' No Stair	364	498	638				
				20' x 42' w/ 8'R Plastic Stair	381	520	665	22' x 36' No Stair/Nexus Stair	333	457	586
16'6" x 36'6" No Stair	318	437	563	20' x 42' w/ 8' Side Plastic Stair	380	516	660	22' x 36' w/ 8'R Plastic Stair	320	440	565
16'6" x 36'6" w/ 8' Plastic End Stair	333	457	588	20' x 42' w/ Nexus Stair	371	506	648				
16'6" x 36'6" w/ 6' Plastic Side Stair	335	460	591					24' x 40' No Stair/Nexus Stair	371	507	649
				16' x 42' Lazy El No Stair	350	478	614	24' x 40' w/ 8'R Plastic Stair	345	478	612
18'6" x 36'6" No Stair	330	453	583	16' x 42' Lazy El w/ 8'R Plastic Stair	368	503	644				
18'6" x 36'6" w/ 8' Plastic End Stair	344	471	604	16' x 42' Lazy El w/ 8' Side Plastic Stair	364	497	636	MOUNTAIN LAKE	3' DECK	4' DECK	5' DECK
18'6" x 36'6" w/ 6' Plastic Side Stair	347	476	611	16' x 42' Lazy El w/ Nexus Stair	356	487	624	21' x 34' No Stair/Nexus Stair	302	415	534
								21' x 34' w/ 8'R Plastic Stair	314	431	555
19' x 37' No Stair	330	453	583	18' x 45' Lazy El No Stair	374	511	654				
19' x 37' w/ 8' Plastic Side/End Stair	345	473	608	18' x 45' Lazy El w/ 8'R Plastic Stair	391	533	682	23' x 36' No Stair/Nexus Stair	321	440	566
				18' x 45' Lazy El w/ 8' Side Plastic Stair	389	529	675	23' x 36' w/ 8'R Plastic Stair	333	456	586
19' x 41' No Stair	354	485	623	18' x 45' Lazy El w/ Nexus Stair	384	524	670				
19' x 41' w/ 8' Plastic Side/End Stair	370	506	648					26' x 39' No Stair/Nexus Stair	349	477	612
				20' x 49' Lazy El No Stair	408	556	711	26' x 39' w/ 8'R Plastic Stair	361	494	633
16'6" x 42'6" Lazy El No Stair	363	497	638	20' x 49' Lazy El w/ 8'R Plastic Stair	425	579	738				
16'6" x 42'6" Lazy El w/ 8' End Stair	378	517	662	20' x 49' Lazy El w/ 8' Side Plastic Stair	423	574	732	26' x 41' No Stair/Nexus Stair	358	490	628
16'6" x 42'6" Lazy El w/ 6' Side Stair	380	520	666	20' x 49' Lazy El w/ Nexus Stair	414	564	720	26' x 41' w/ 8'R Plastic Stair	371	507	649
19' x 46' Lazy El No Stair	397	542	695	KIDNEY	3' DECK	4' DECK	5' DECK	LAGOON	3' DECK	4' DECK	5' DECK
19' x 46' Lazy El w/ 8' End Stair	412	562	719	14' x 28' No Stair/Nexus Stair	254	353	456	16' x 34' x 25' No Stair/Nexus Stair	339	465	597
19' x 46' Lazy El w/ 8' Side Stair	412	562	719	14' x 28' w/ 8'R Plastic Stair	267	369	476	16' x 34' x 25' w/ 8'R Plastic Stair	352	482	617
ROMAN END	3' DECK	4' DECK	5' DECK	16' x 32' No Stair/Nexus Stair	283	390	503	18' x 38' x 29' No Stair/Nexus Stair	377	515	660
16' x 37' No Stair	315	433	556	16' x 32' w/ 8'R Plastic Stair	296	406	523	18' x 38' x 29' w/ 8'R Plastic Stair	390	532	680
16' x 37' w/ 6'R Plastic Stair	334	457	587								
16' x 37' w/ Nexus Stair	321	441	566	20' x 38' No Stair/Nexus Stair	330	452	581	20' x 42' x 30' No Stair/Nexus Stair	405	552	707
				20' x 38' w/ 8'R Plastic Stair	342	469	602	20' x 42' x 30' w/ 8'R Plastic Stair	418	569	727

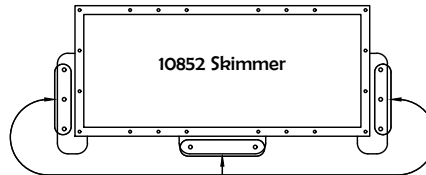
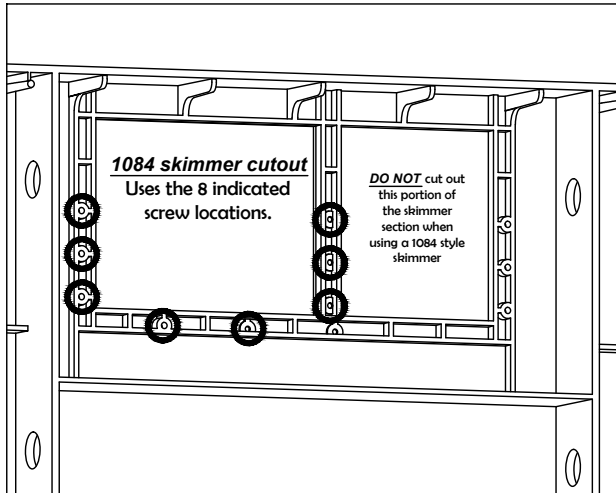
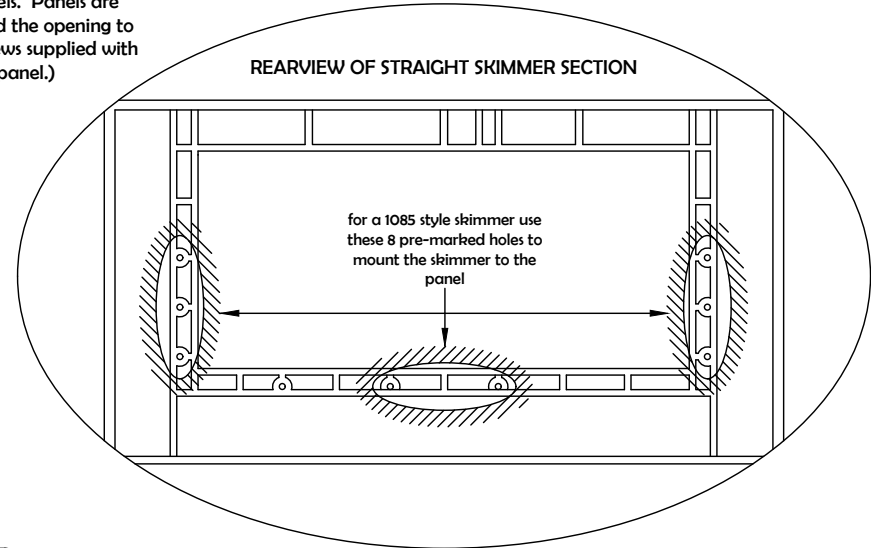
****** SKIMMER PANEL INSTALLATION NOTE ******

Using a standard SP10841 or SP10852 skimmer, you will get an (OM) outside mount application on Matrix skimmer panels. Panels are manufactured with a thicker material section around the opening to accommodate this special application. (Use 1 1/4" screws supplied with the skimmer to mount the skimmer to the panel.)

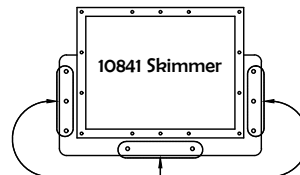
REARVIEW OF STRAIGHT SKIMMER SECTION



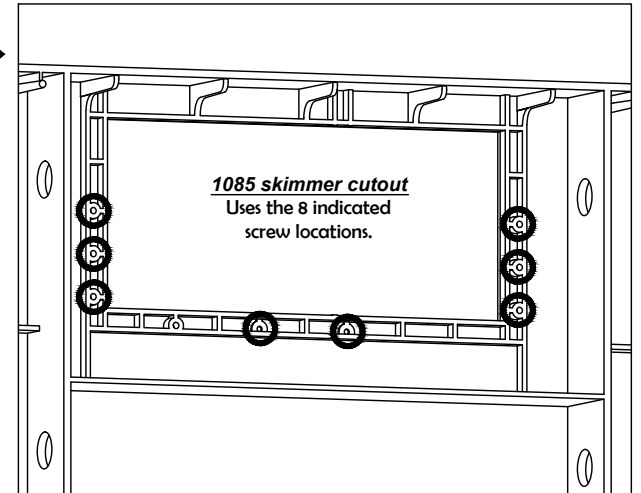
REARVIEW OF STRAIGHT SKIMMER SECTION



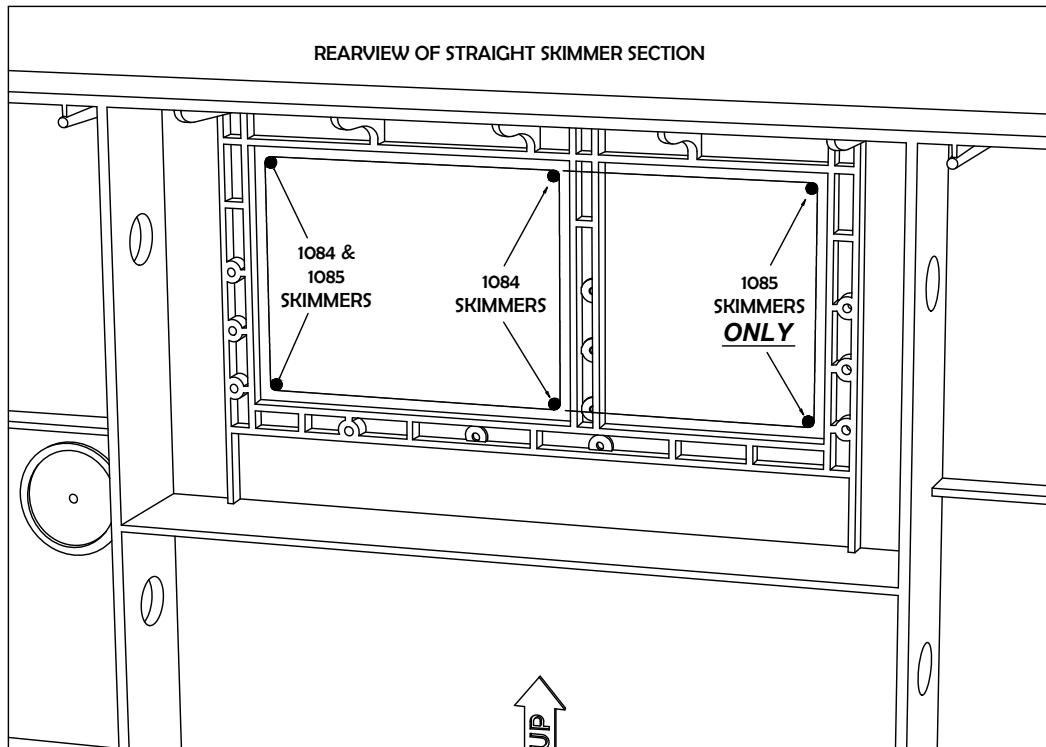
These 8 holes on the outer mounting flange of the skimmer align with the 8 pre-marked mounting holes for a 1085 style skimmer on the backside of the panel.



These 8 holes on the outer mounting flange of the skimmer align with the 8 pre-marked mounting holes for a 1084 style skimmer on the backside of the panel.

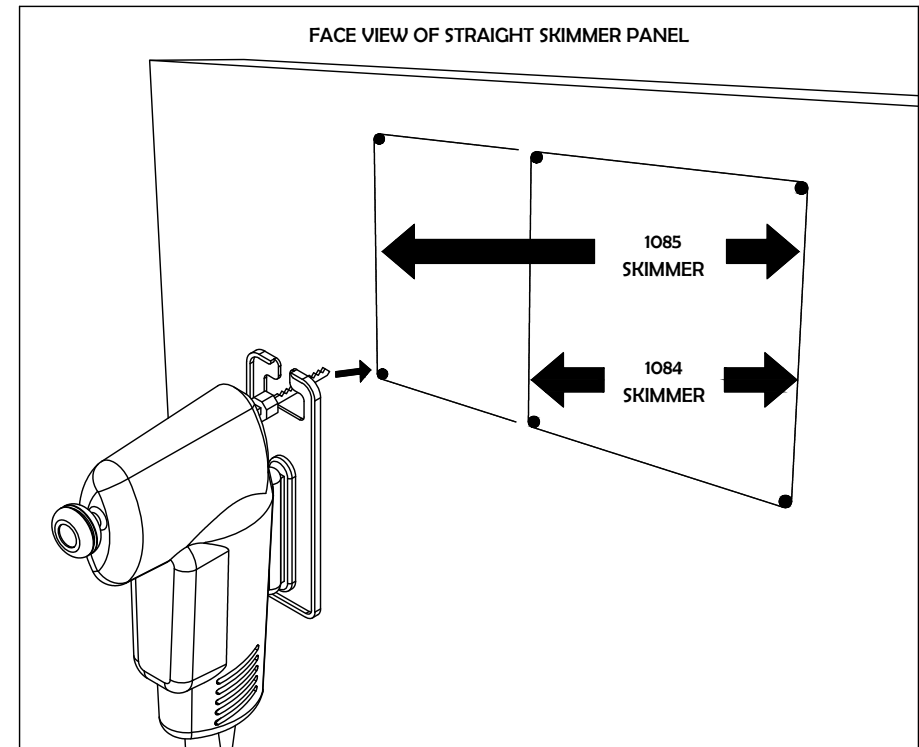


REARVIEW OF STRAIGHT SKIMMER SECTION



Depending on the type of skimmer used, drill the appropriate mounting holes (see page A1 to identify the proper holes), and the 4 starter holes at the corners of the skimmer boss on the backside of the panel. If you are using a 1084 style skimmer be sure **NOT** to drill holes in the extended skimmer section that accommodates the 1085 style skimmer.

FACE VIEW OF STRAIGHT SKIMMER PANEL



Using a straight edge, draw lines to show the skimmer section to be cut out. Use the outer edges of the drilled starter holes as a guide.

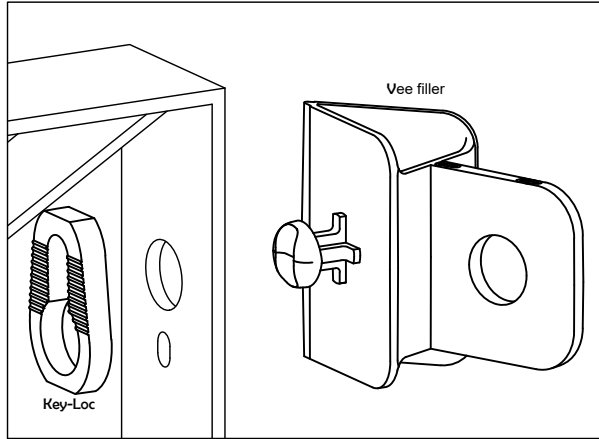
Cut the perimeter of the skimmer opening with a jigsaw. Use a coarse wood blade with large teeth to reduce the heating of the polymer panel.

*** **NOTE** ***

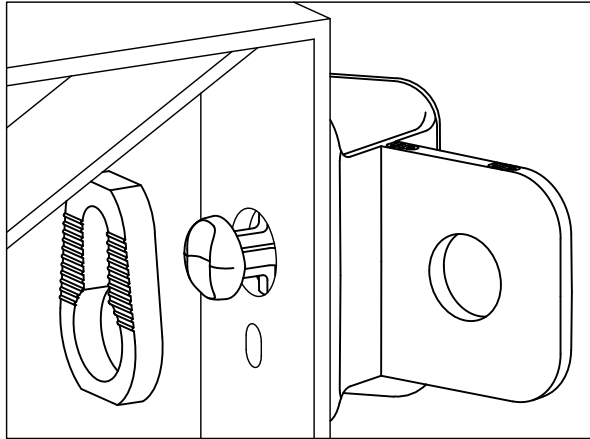
Remove all the material within the skimmer cutout area. The ribbing on the back of the panel is designed to precisely fit the 1084 or 1085 style skimmer. If material from the face of the panel remains inside the ribbing of the cutout area, the skimmer may not fit in the opening.

**KEY-LOC, VEE FILLER &
GRECIAN CORNER SLEEVE**

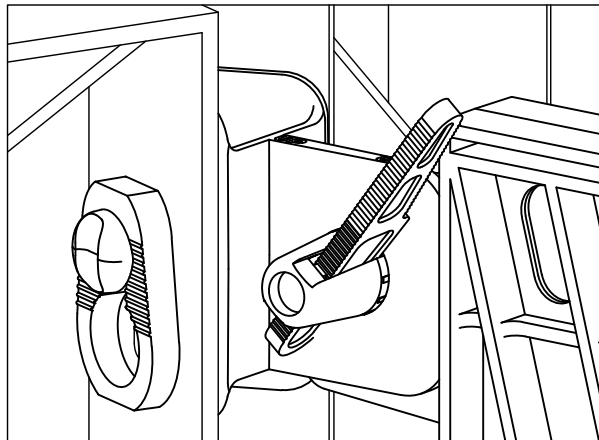
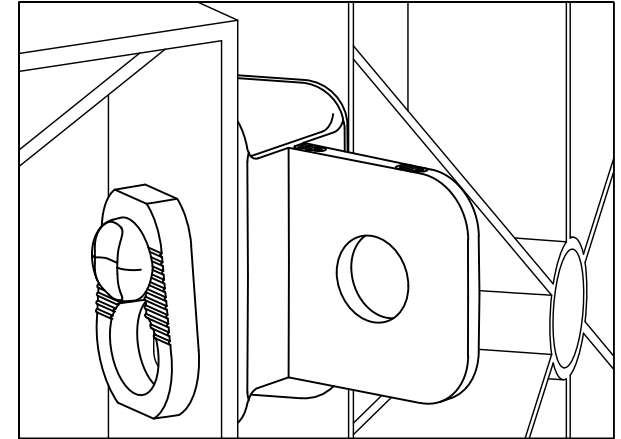
1) Each Vee filler will connect 2 wall panels using the standard peg holes on the panels side flanges. Each 42" tall panel connection will require a total of (4) - Vee fillers and (8) Key-Locs.



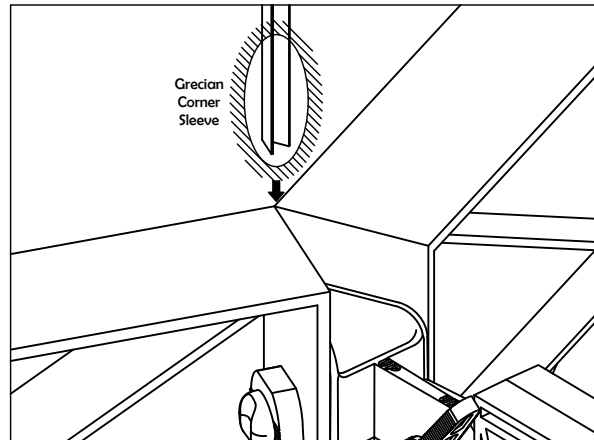
2) Attach all 4 Vee fillers to one panel first. Then align and attach the 2nd panel to the panel / vee filler assembly.



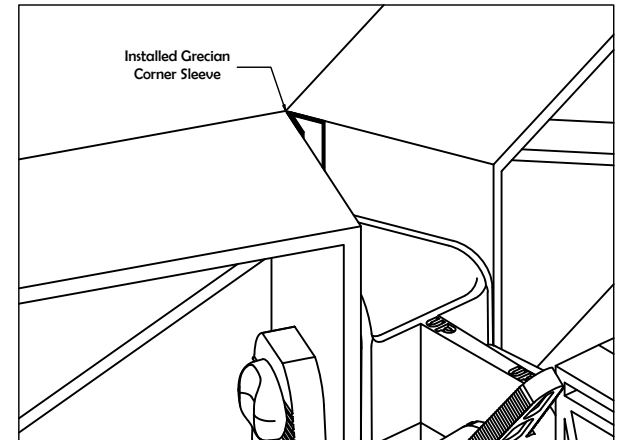
3) Each Key-Loc will fit over the head on the filler post and slide down to draw the wall panels together and lock the panel to the Vee filler.



4) A panel brace can then be attached to the tab extending from the back of the Vee filler using the standard Peg & Wedge connection.



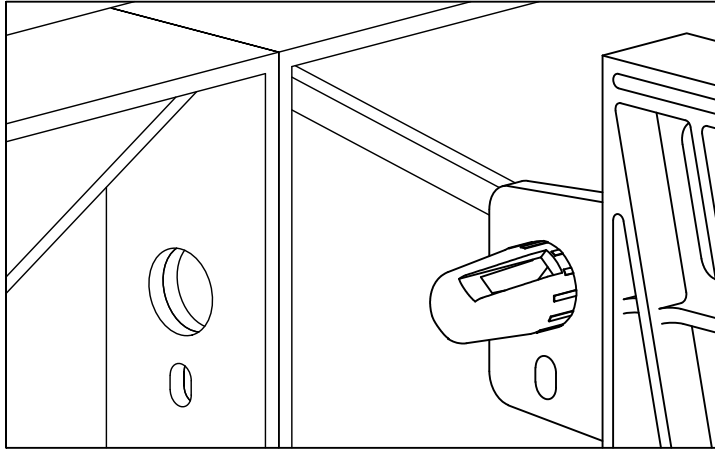
5) Slide the Grecian Corner Sleeve down between the nose of the Vee fillers and the wall panels to prevent dirt and debris from getting into the pool.



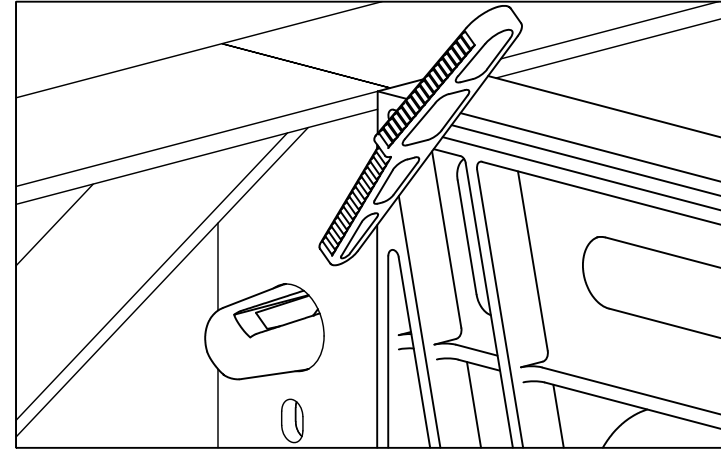
6) The completed installation will leave the Grecian Corner Sleeve flush with the top of the wall panel.

NEXUS CONNECTION SYSTEM

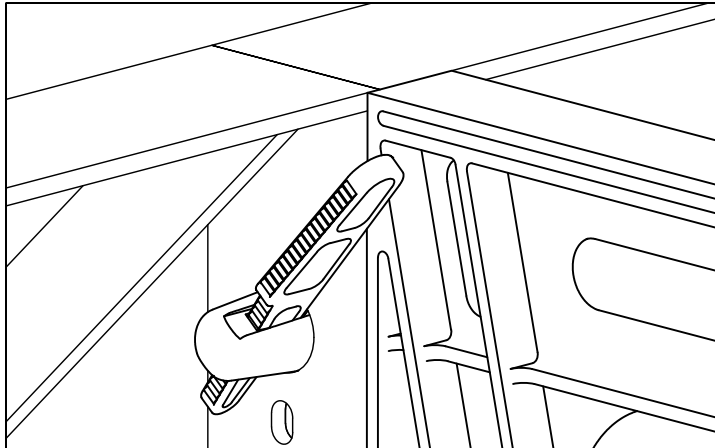
1) Set the 2 panels to be connected making sure the 4 - 1 1/2" diameter peg holes on the end flanges are lined up. Insert the brace / pegs through both flanges. The taper of the peg will properly align the panels and ensure the faces of the panels are even.



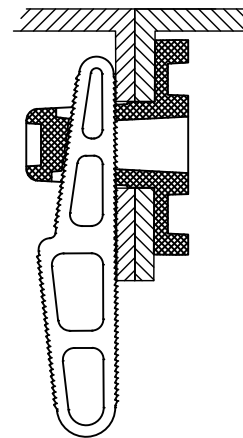
2) Break the wedges off of the molded brace. Slide the wedge through the slot in the peg (see the drawing below for proper orientation of the wedge depending on the location of the brace).



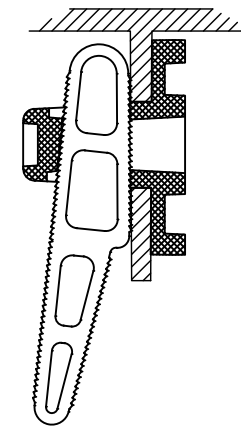
3) As the wedge is inserted through the peg, the panel joint will draw closed. The ratcheting effect of the teeth on the wedge and the teeth on the inside of the peg will prevent the wedge from backing out.



**WEDGE ORIENTATION AT
PANEL - TO - PANEL
CONNECTION**



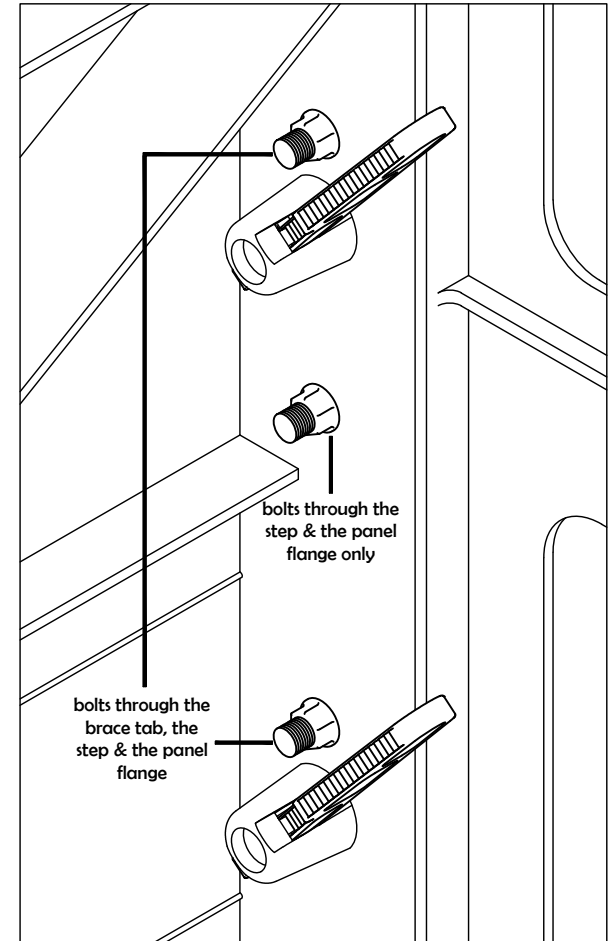
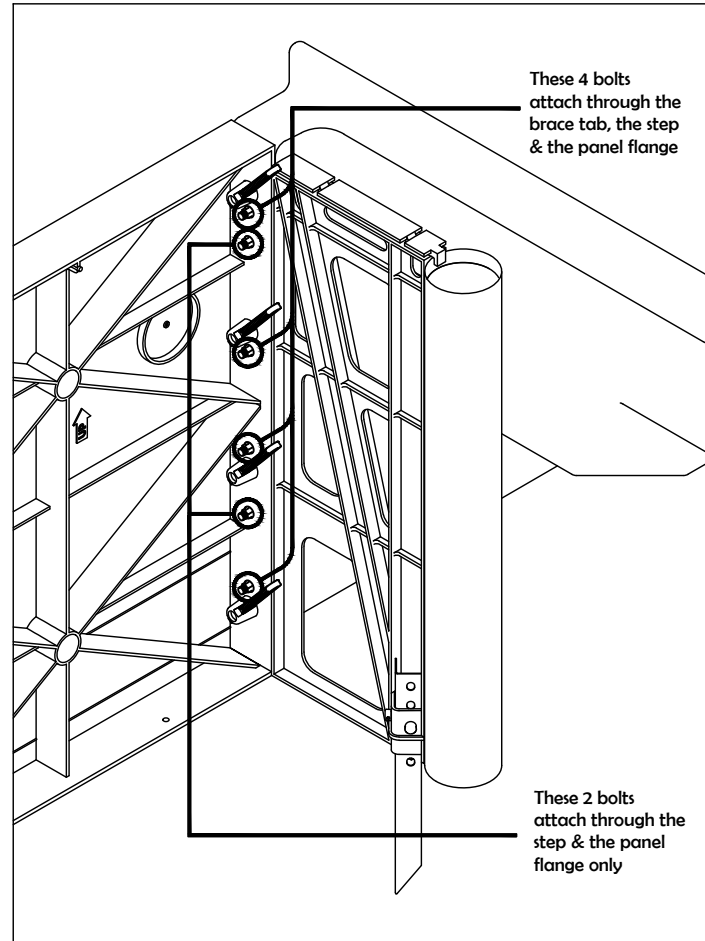
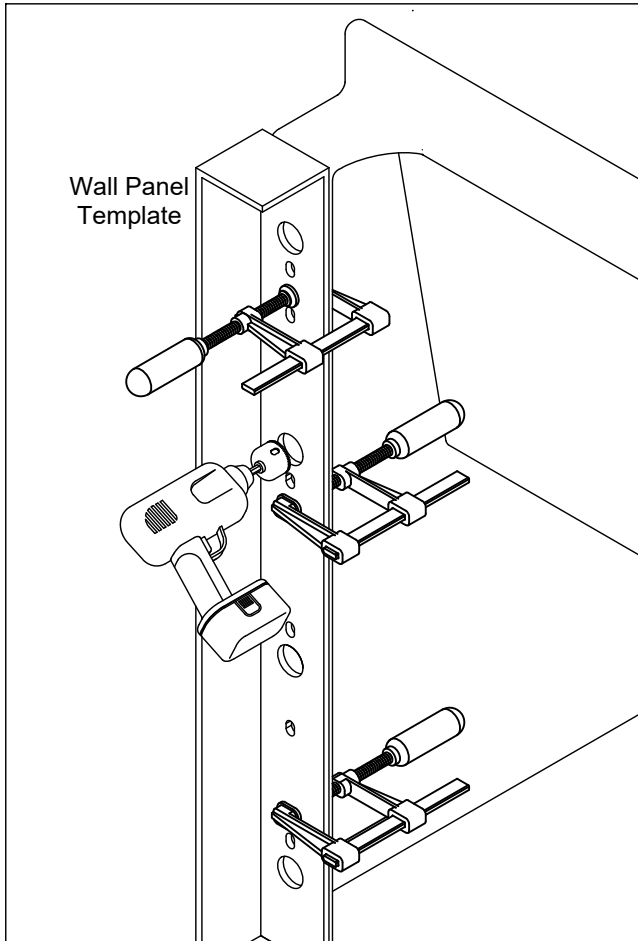
**WEDGE ORIENTATION AT A
MID - PANEL RIB**

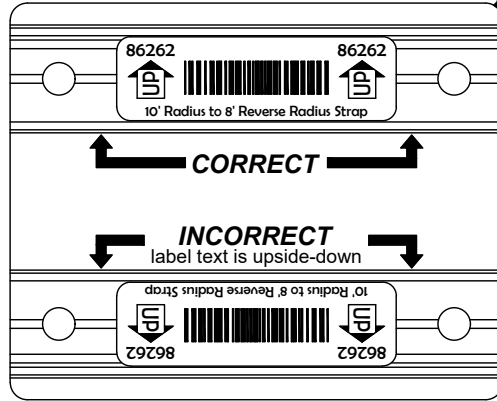
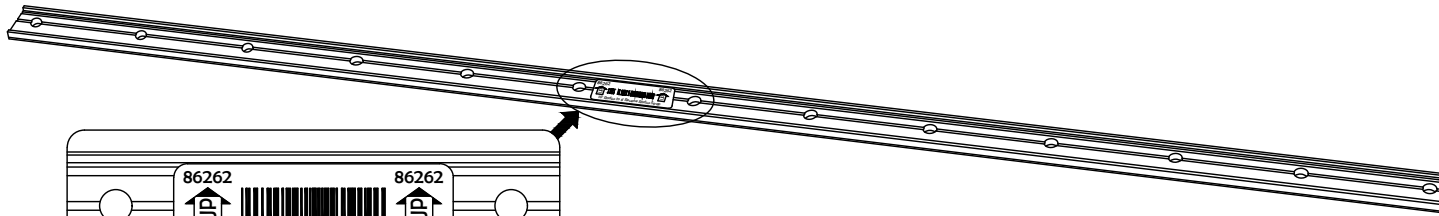


With the step securely clamped to the **PANEL TEMPLATE**, use the hole pattern in the panel template as a guide for drilling the bolt holes and 1 1/2" diameter peg holes in the step flange.

Step connections will use the standard Nexus connection as well as the 7 bolt points along the panel end flange :

- 4 bolts will go through the brace tab, the step, & the panel flange
- 2 bolts will go through the step and the panel flange only





Straps for transition panels need to be placed on the panel in the proper orientation to ensure the panel bends the correct way. With the strap properly attached to the panel, you will be able to read the text on the strap label. If the text on the label is upside-down, the strap has been put on incorrectly.

***** Matrix Panel Strap Installation Note *****

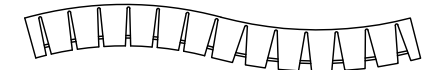
When assembling Versa-Flex panels and panel straps, **do not** install the strap on all 13 pins and then attach the push nuts. Assemble one pin at a time and securely fasten the push nut before proceeding to the next pin.



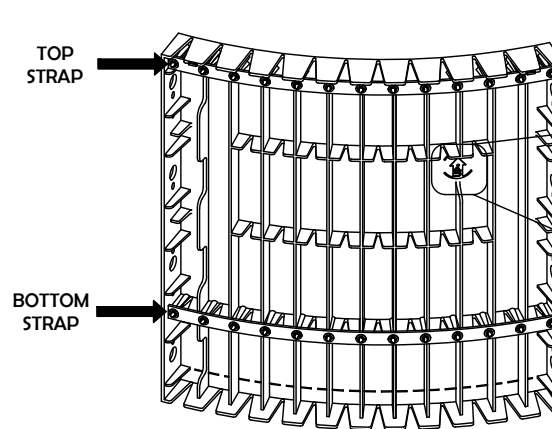
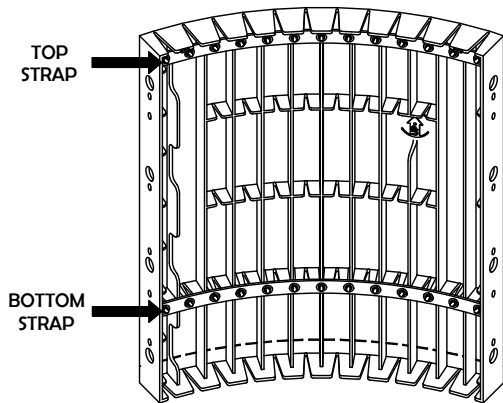
REVERSE RADIUS PANEL



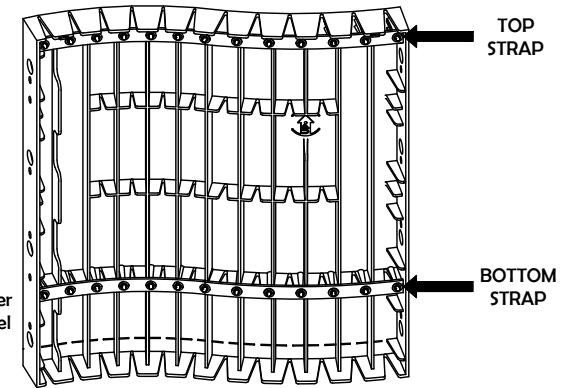
STANDARD RADIUS PANEL



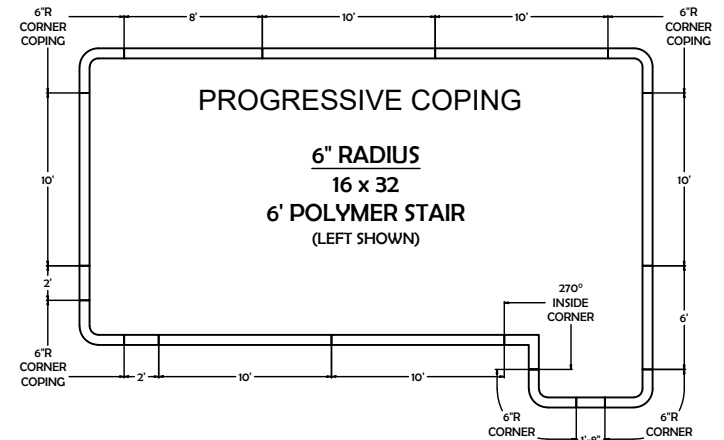
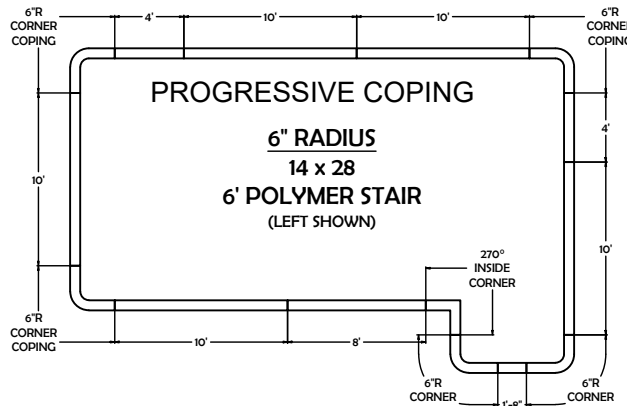
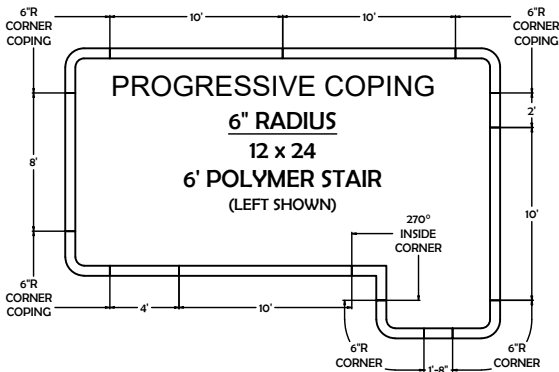
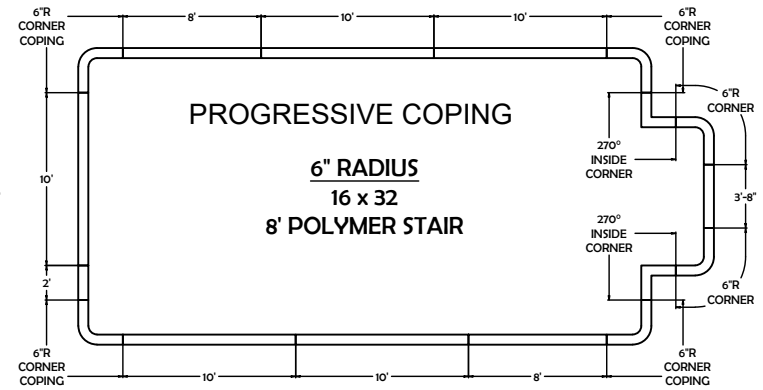
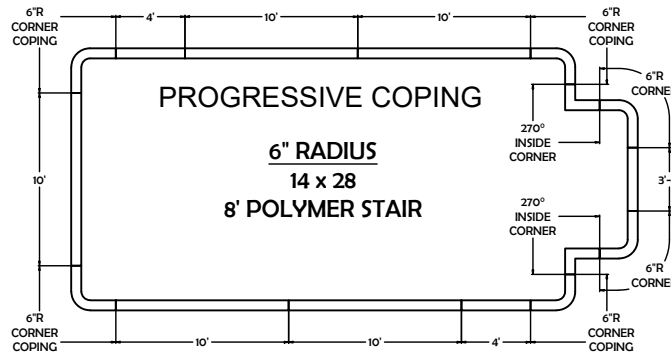
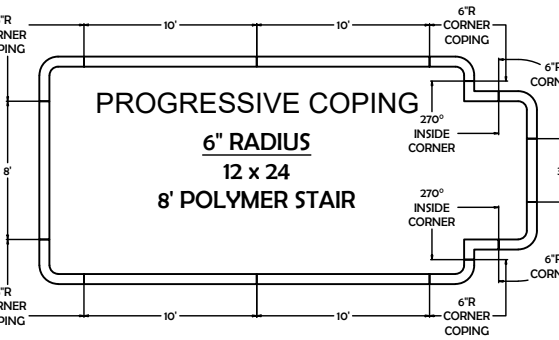
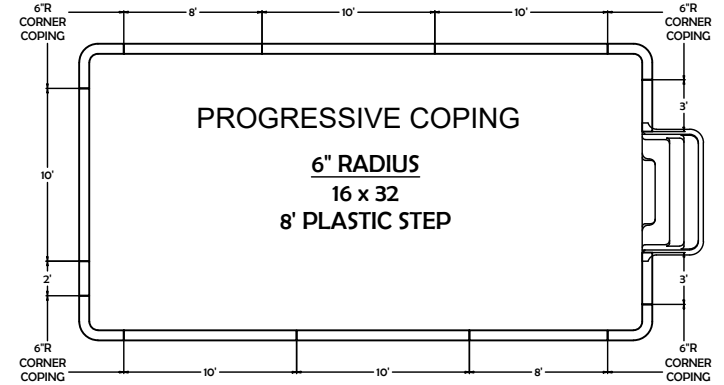
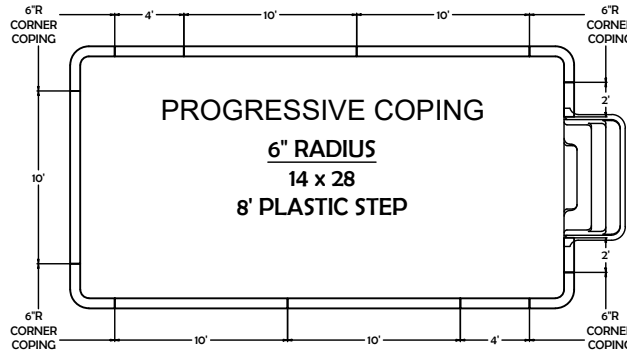
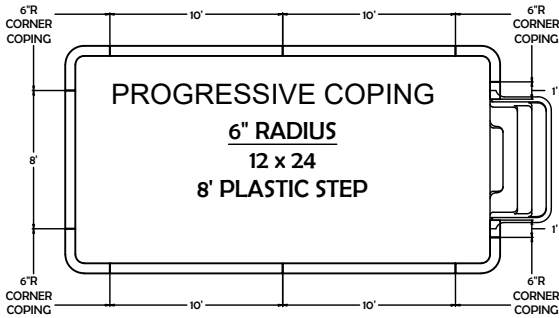
MULTIPLE RADIUS TRANSITION PANEL

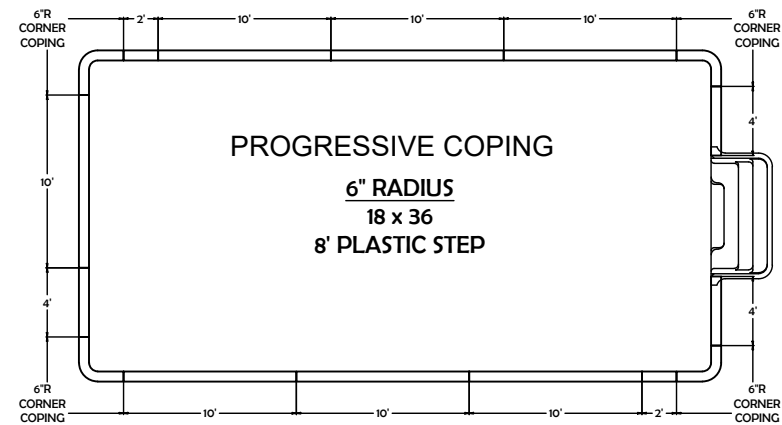
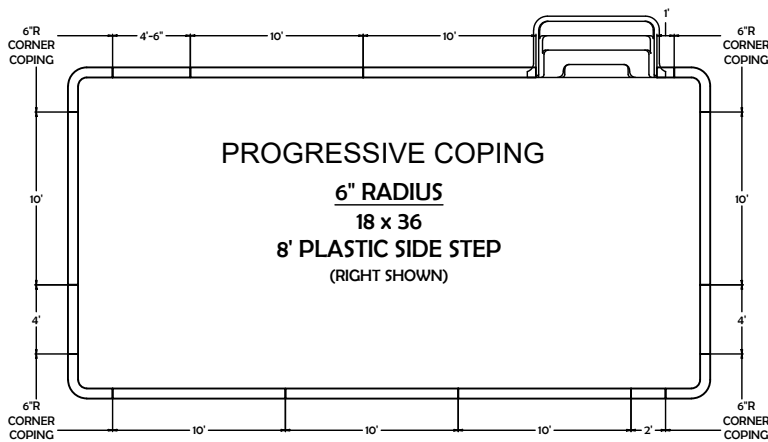
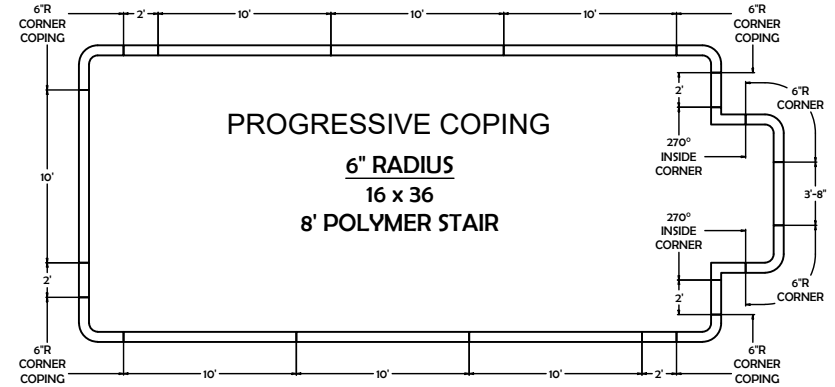
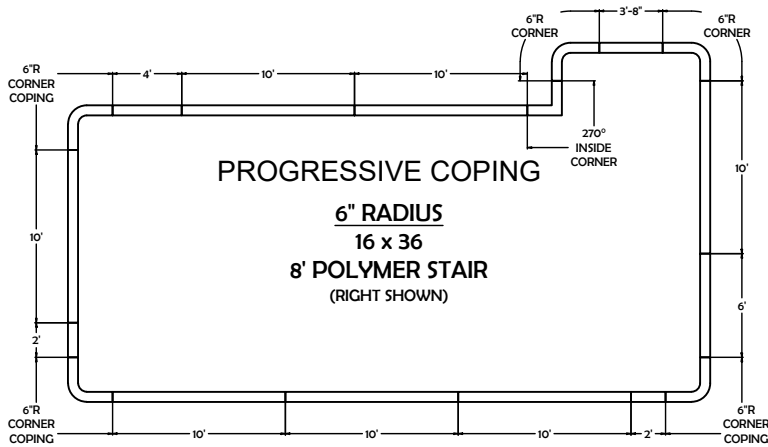
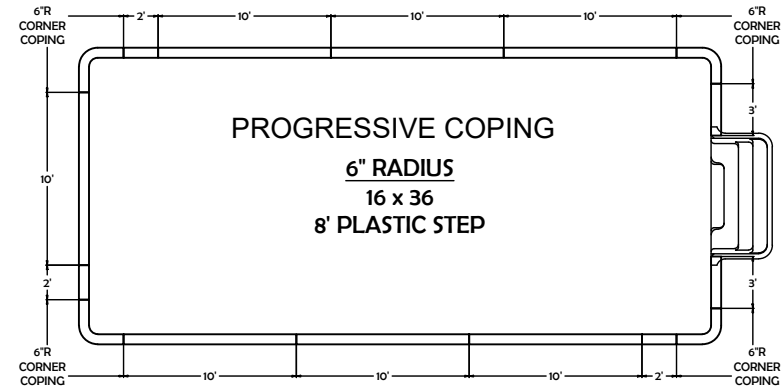
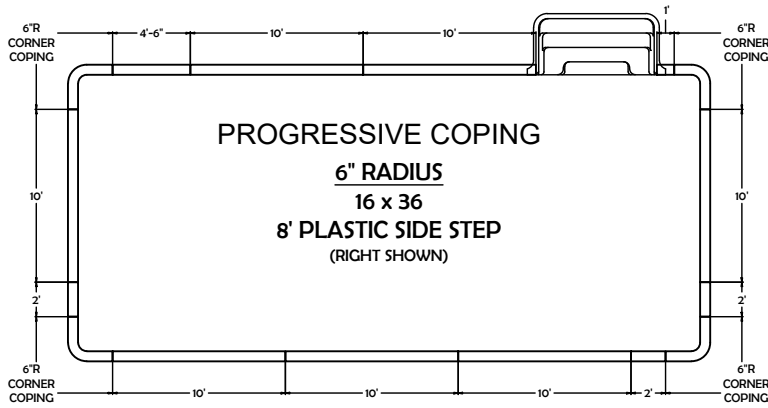


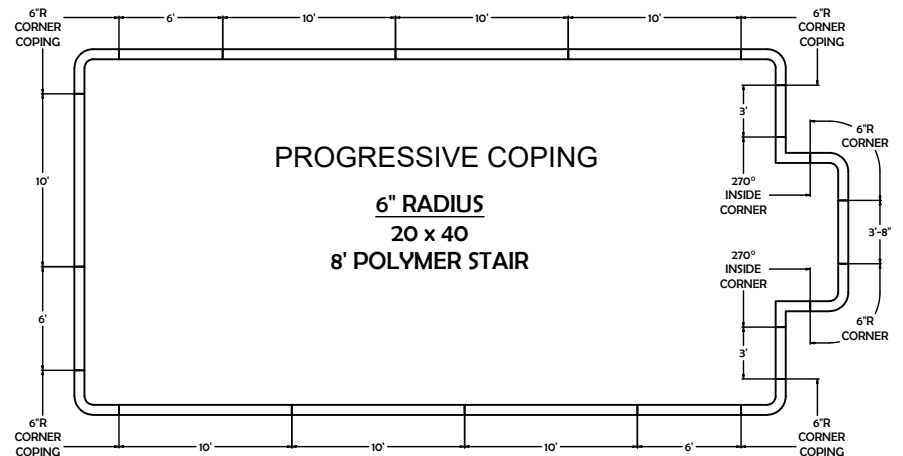
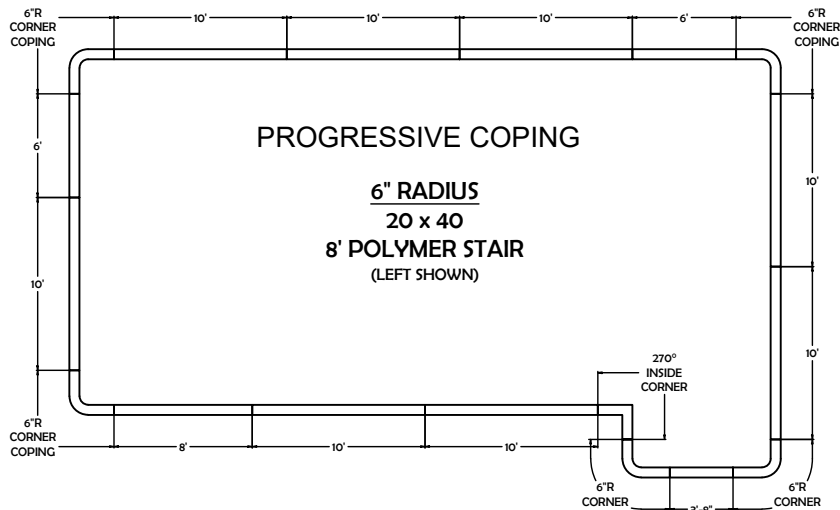
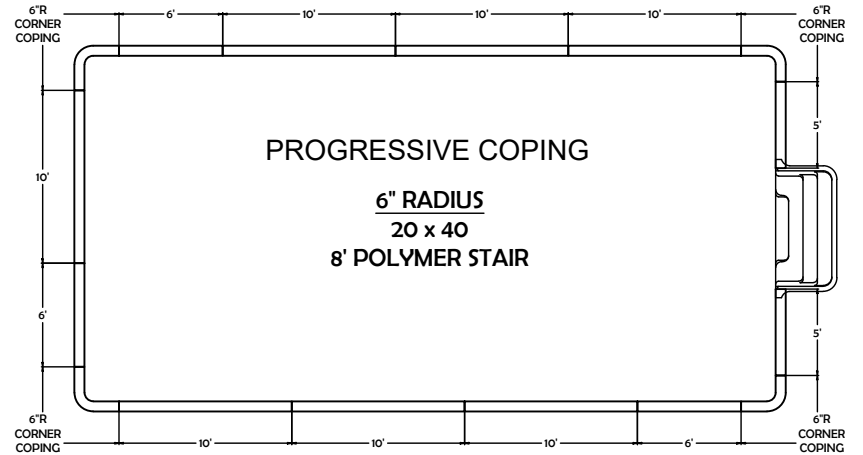
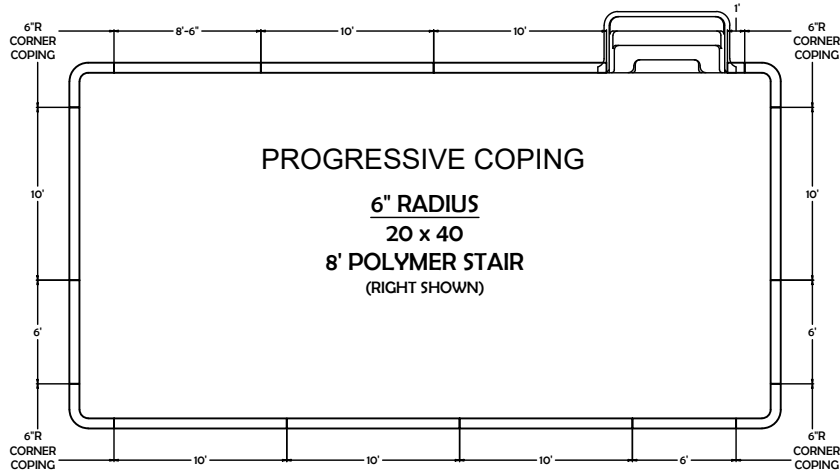
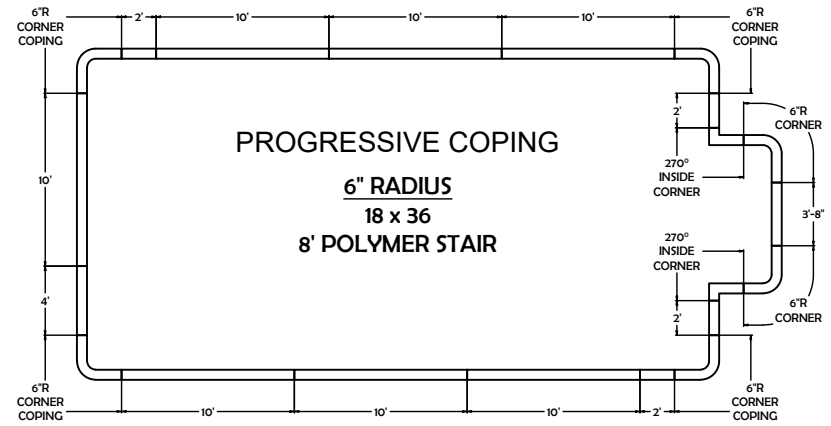
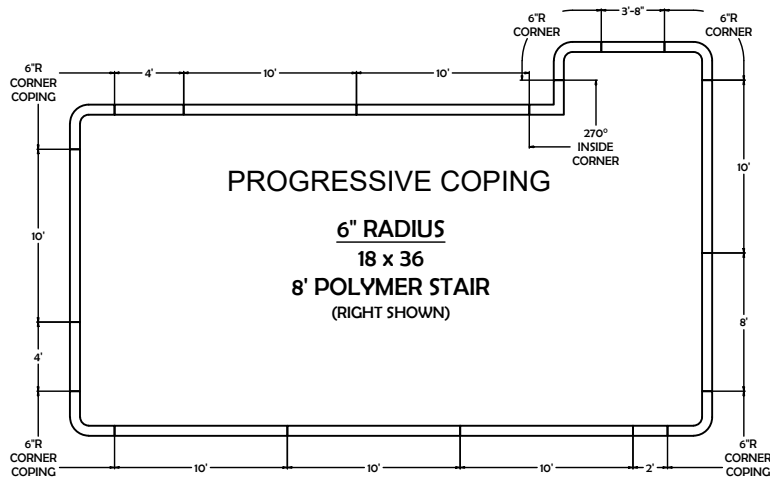
"UP" arrow designates proper panel orientation. The panel connection will not work properly if panel is placed upside-down.

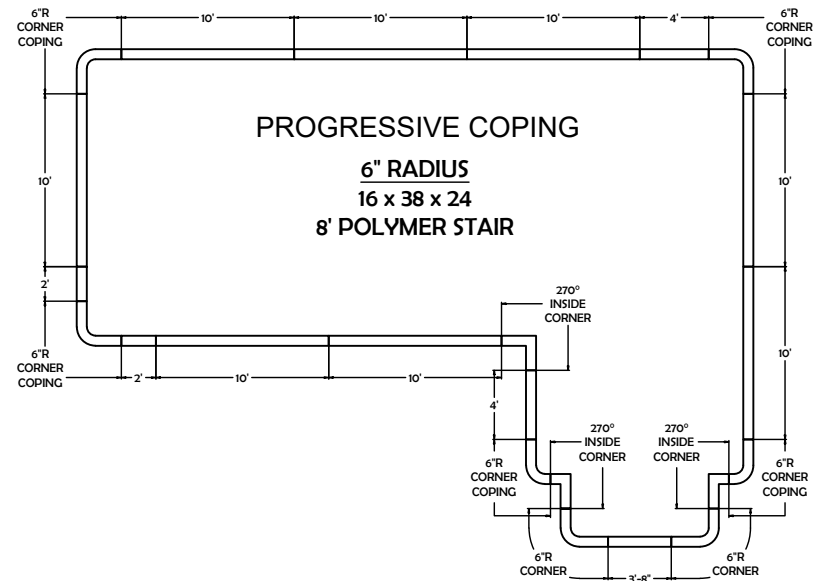
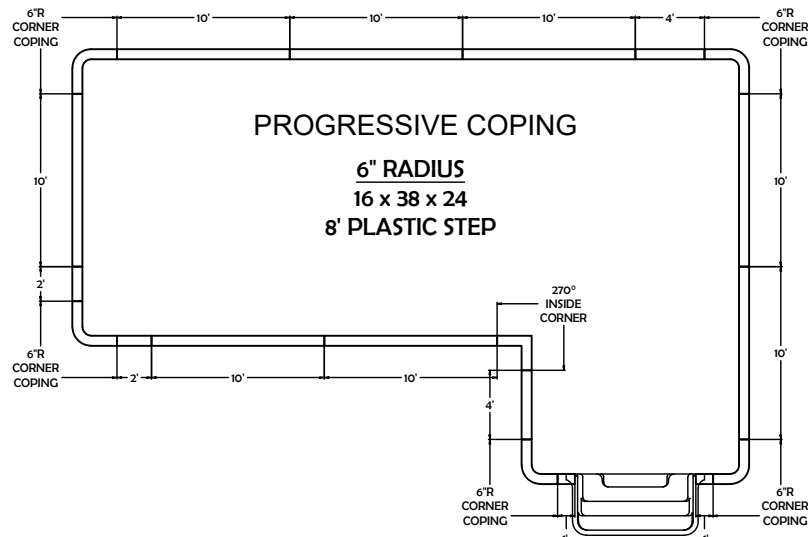
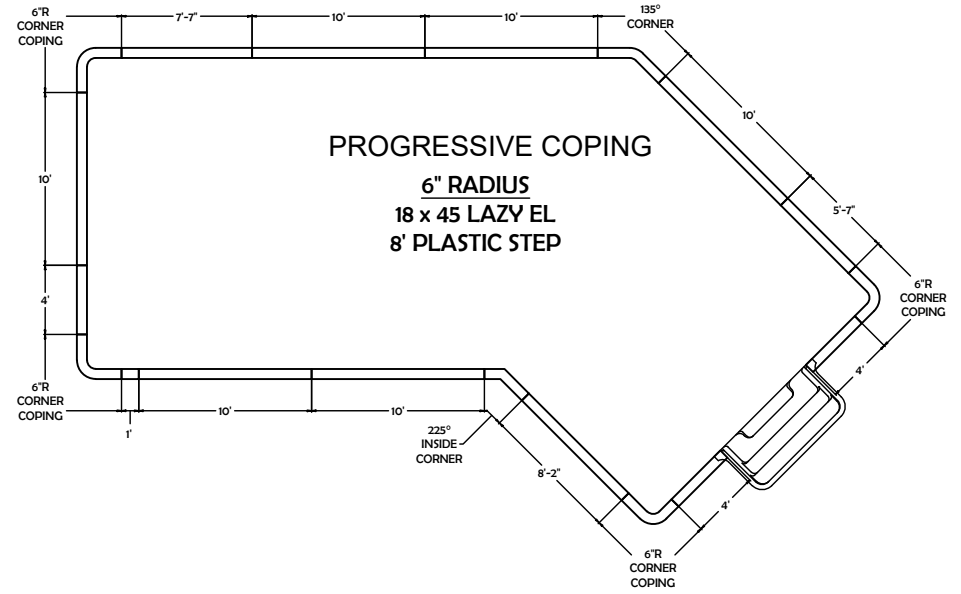
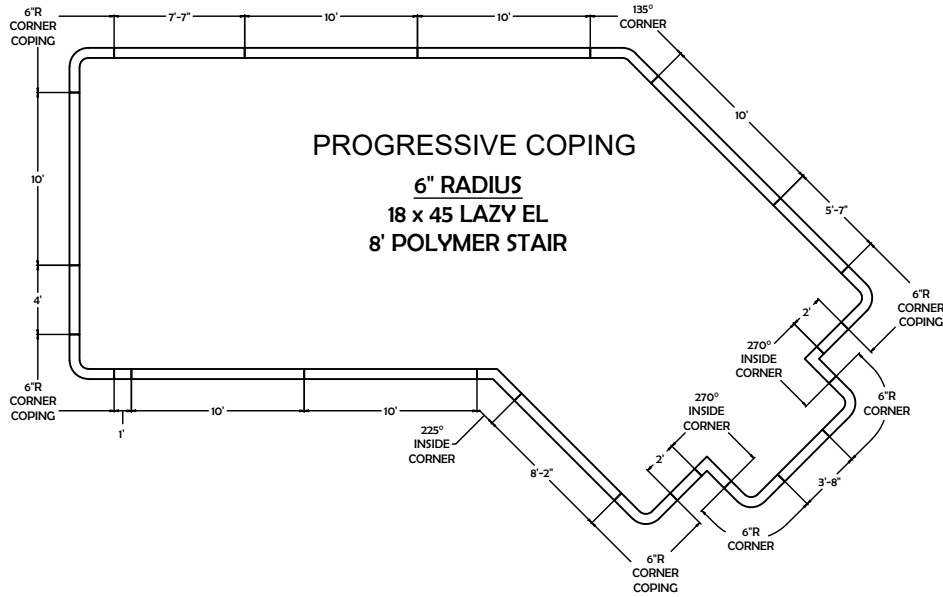


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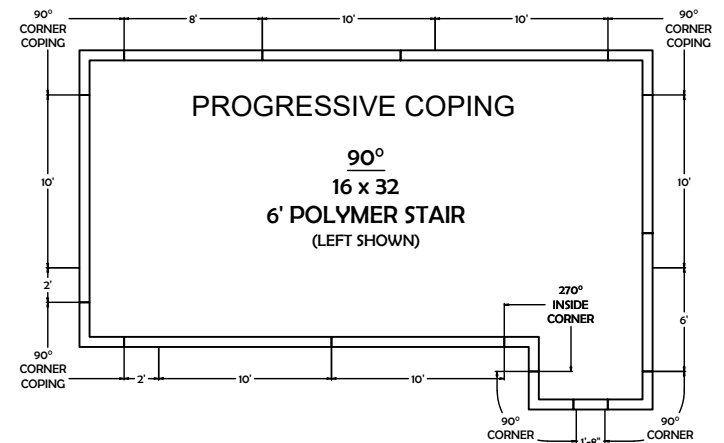
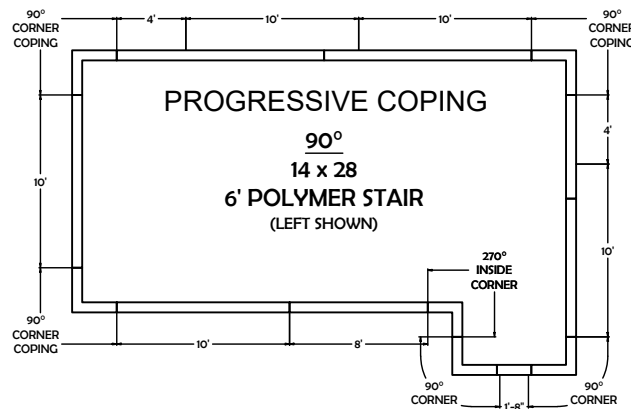
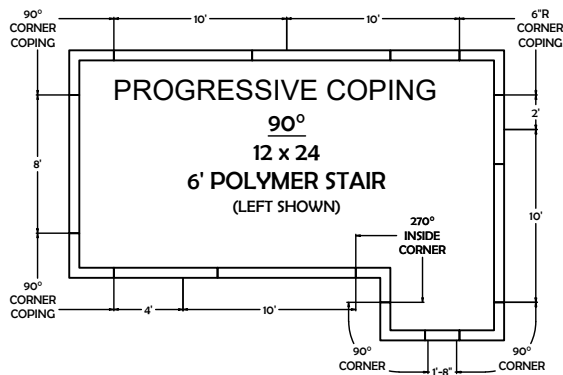
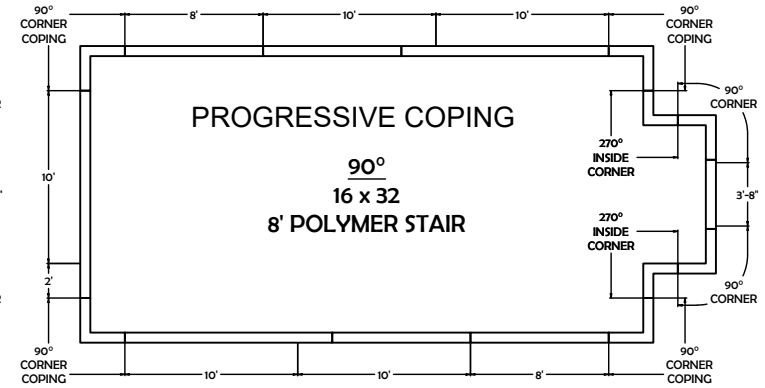
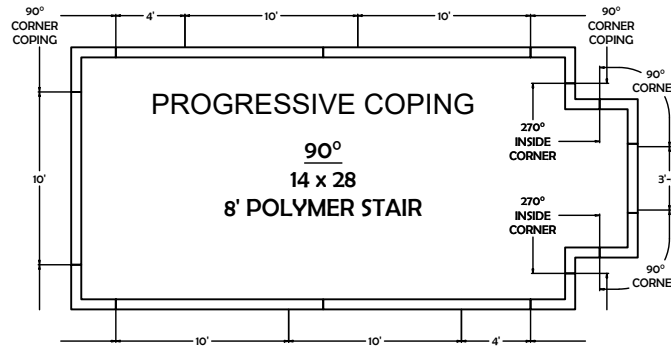
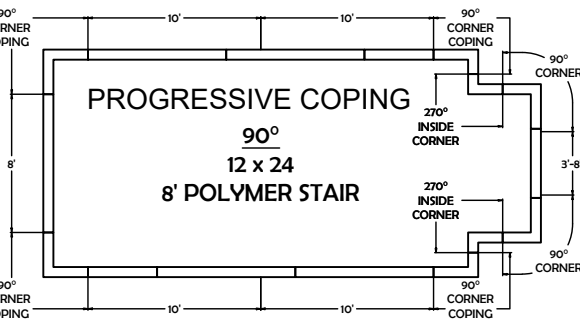
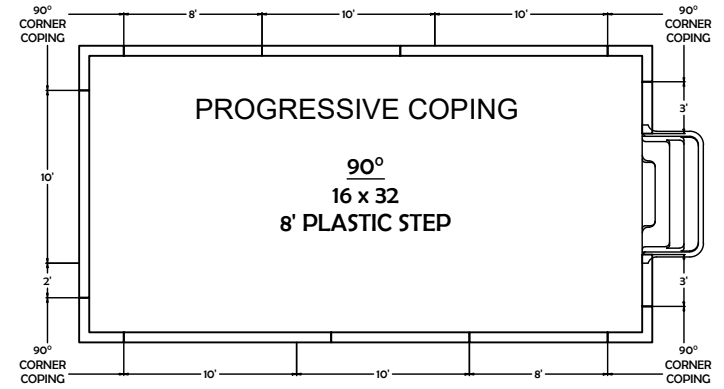
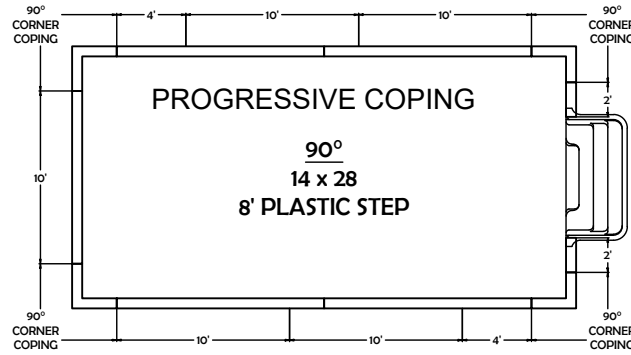
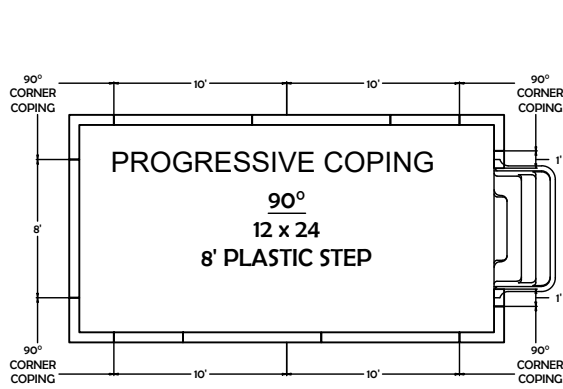


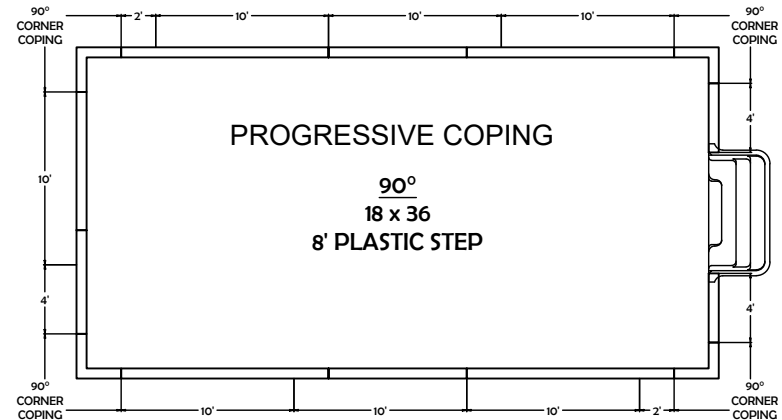
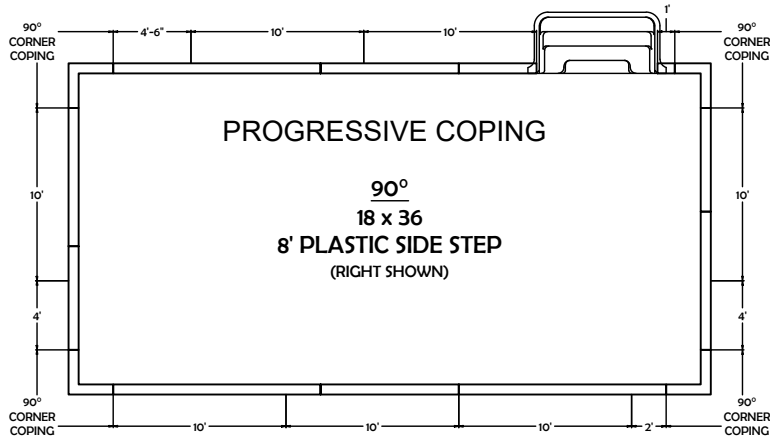
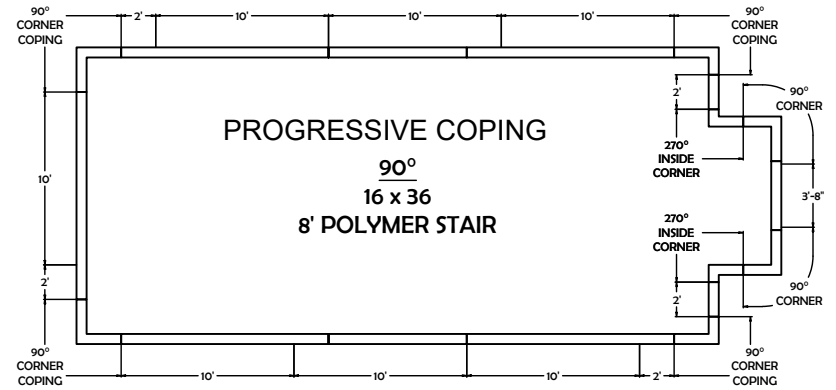
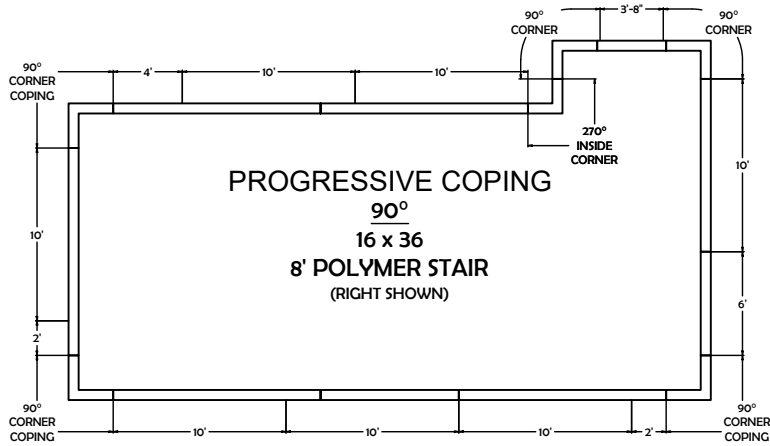
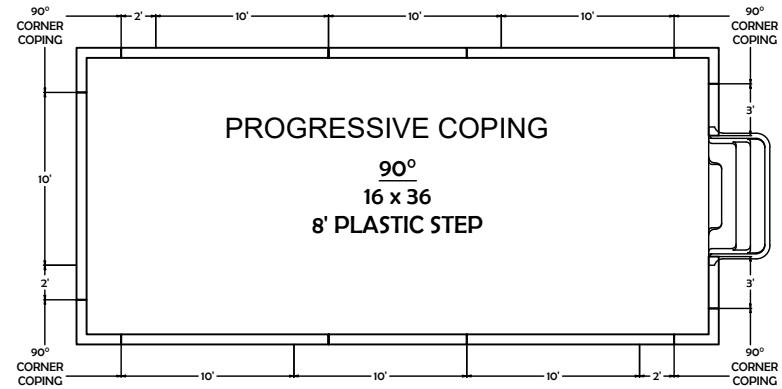
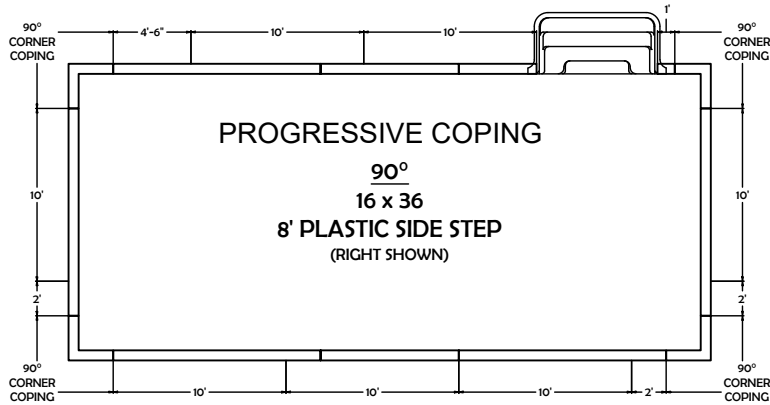




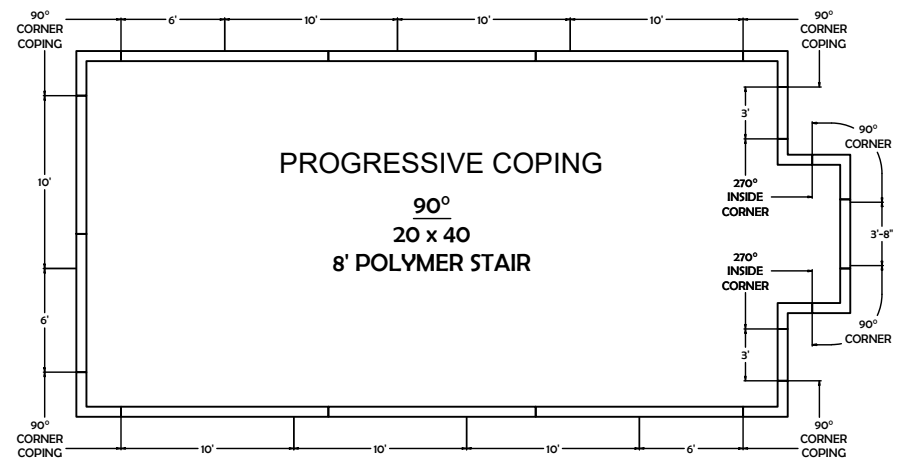
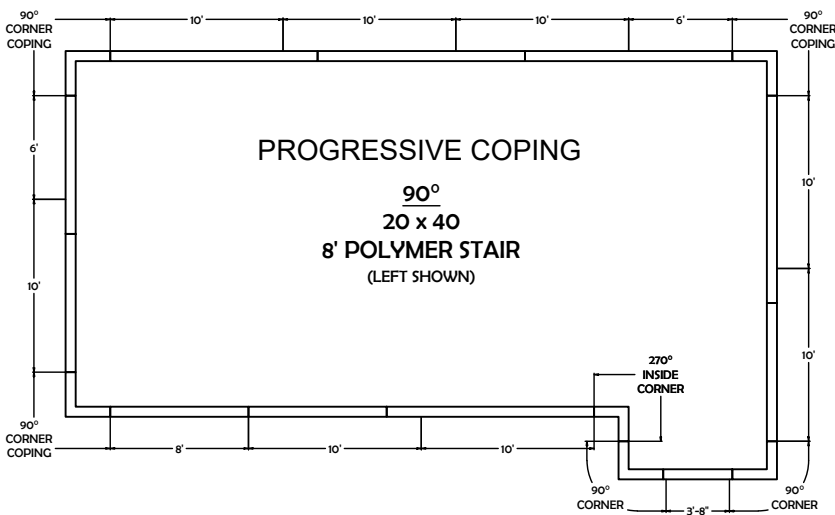
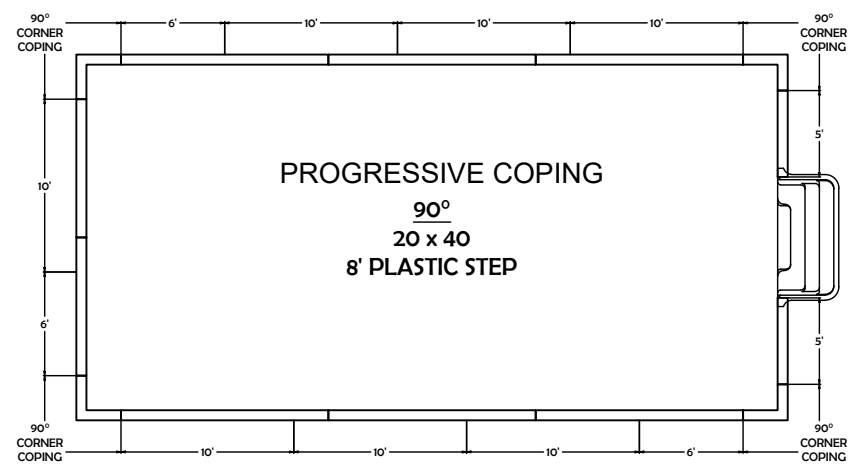
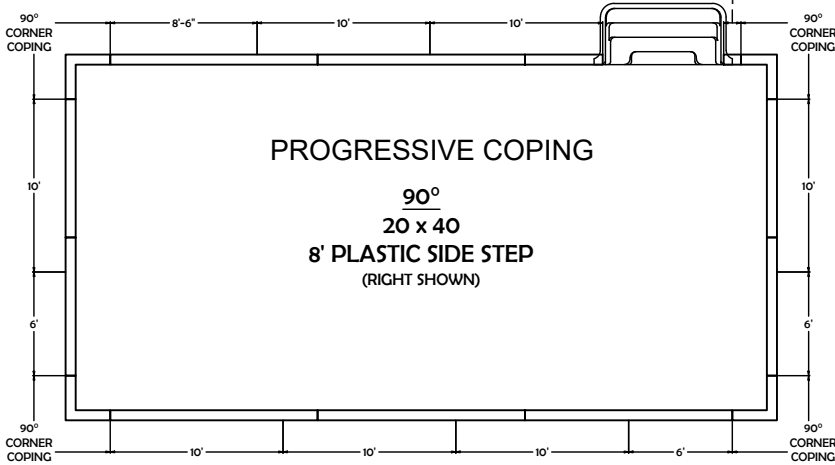
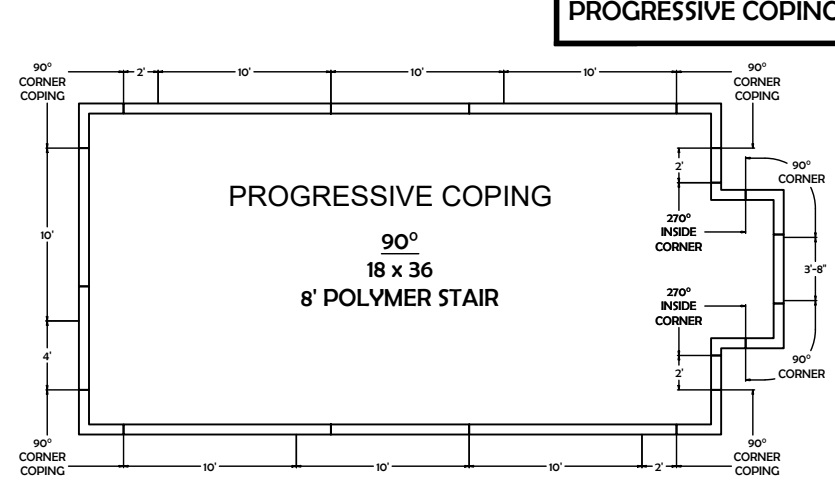
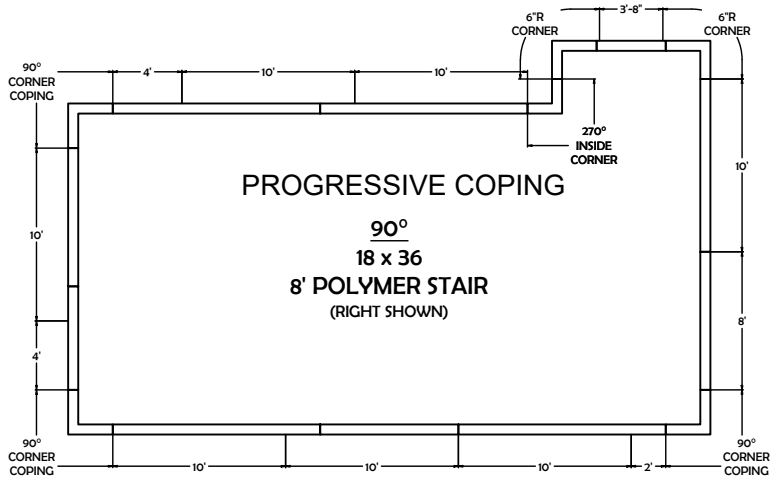


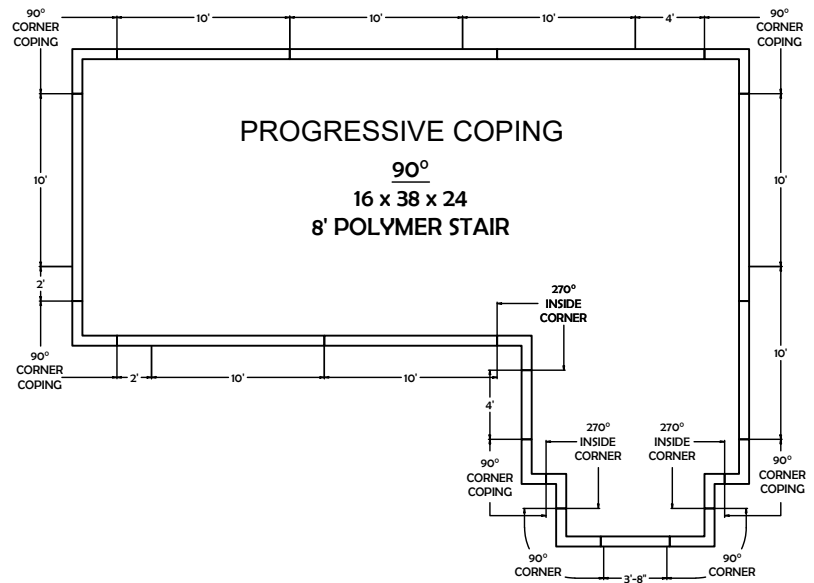
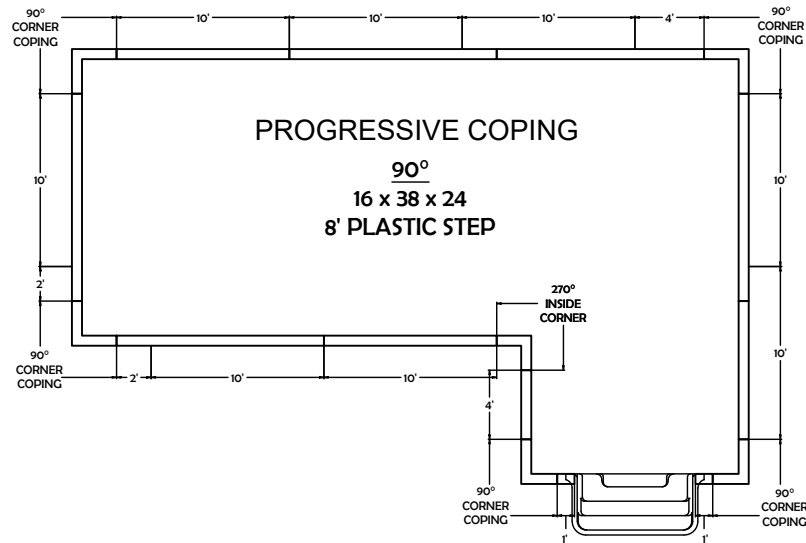
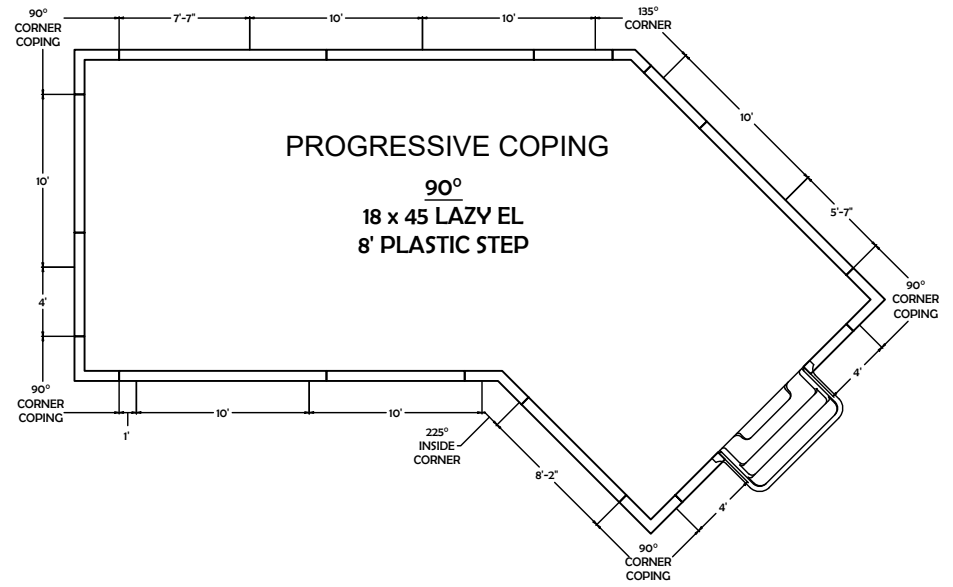
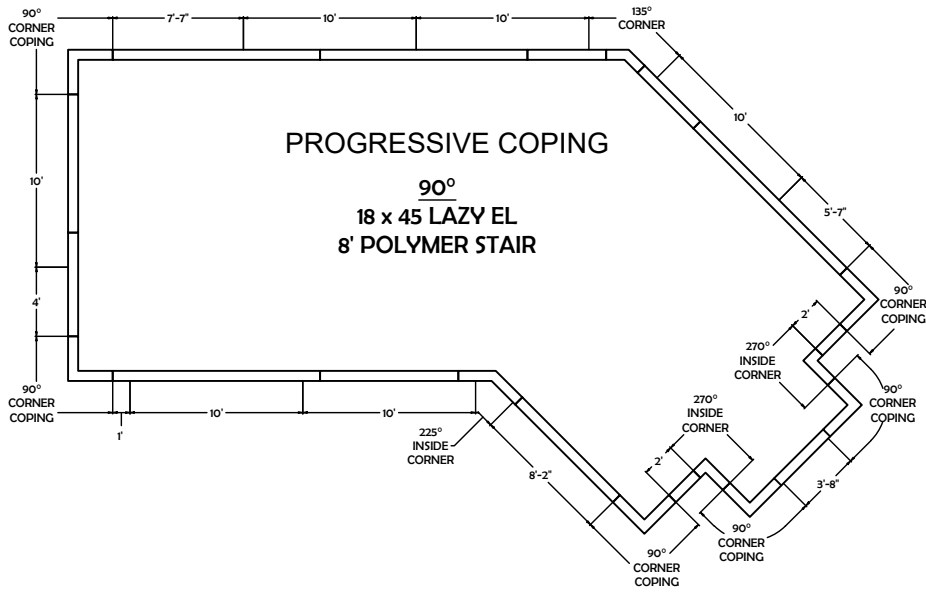
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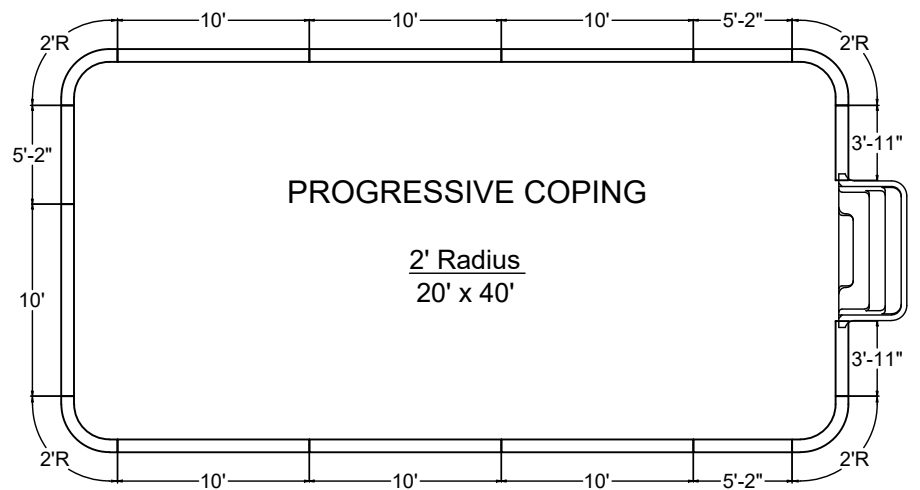
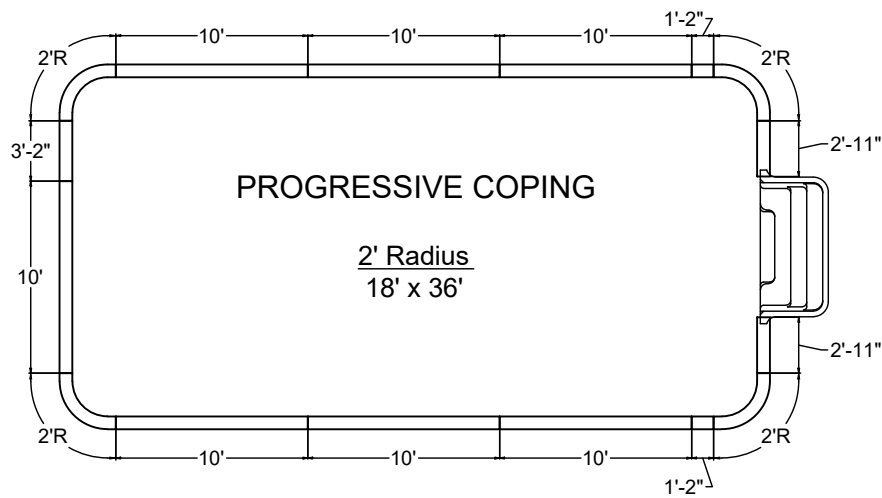
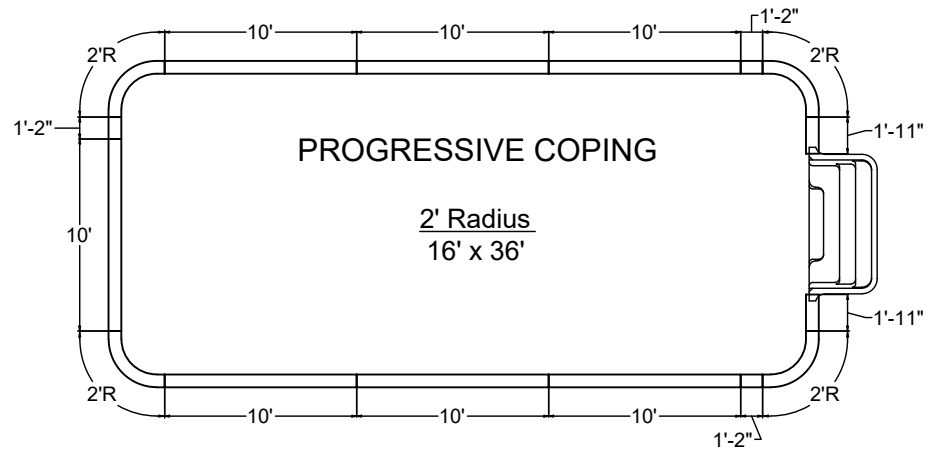
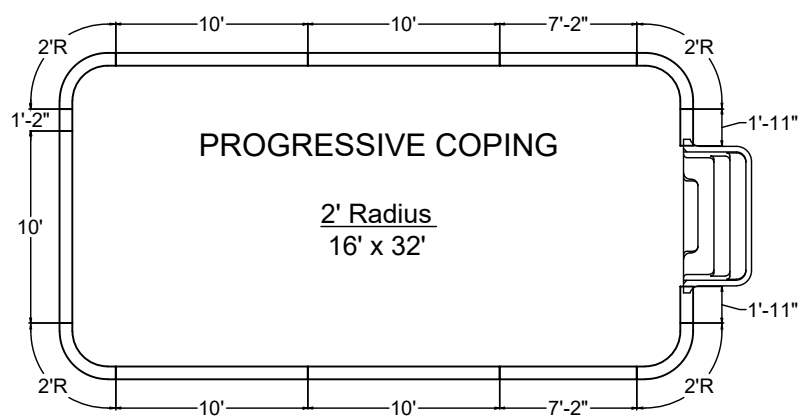
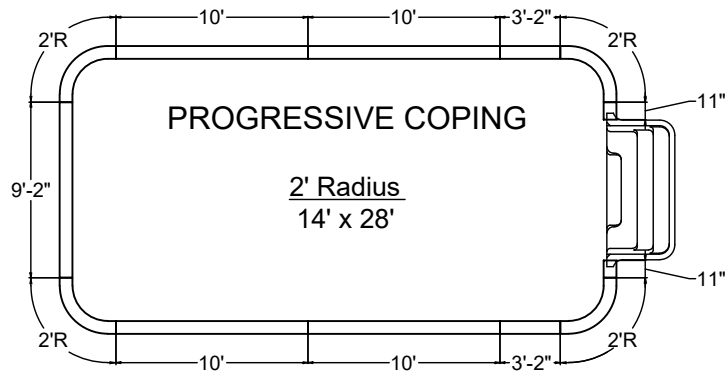
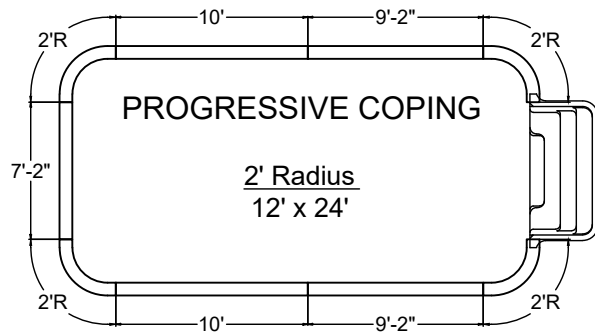


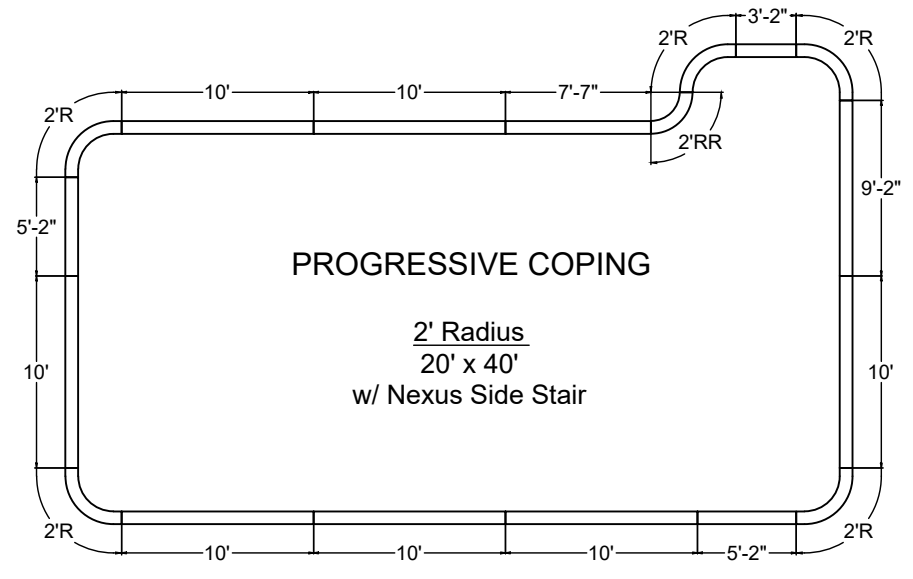
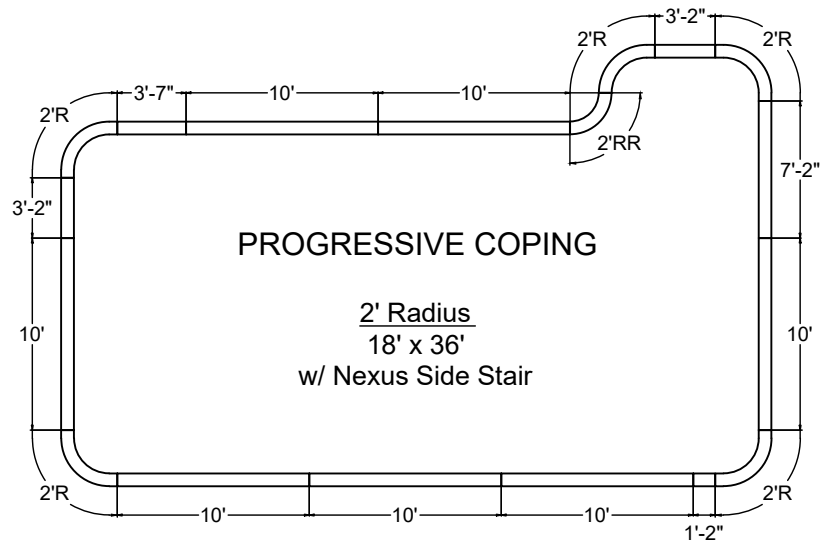
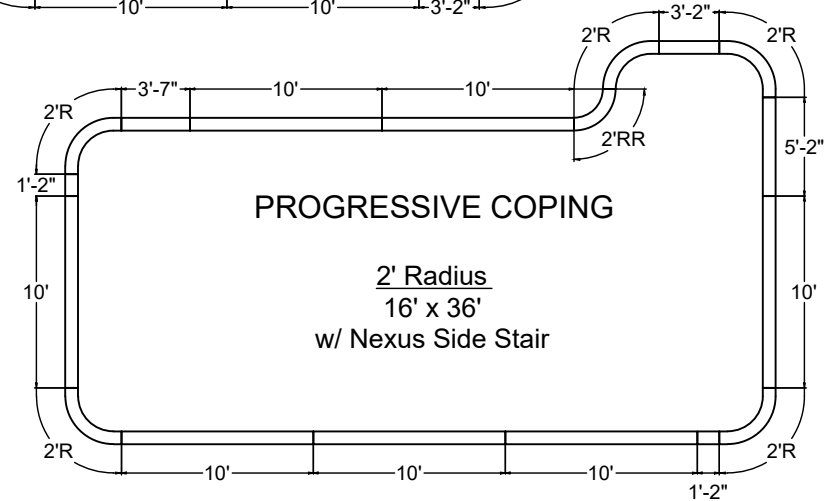
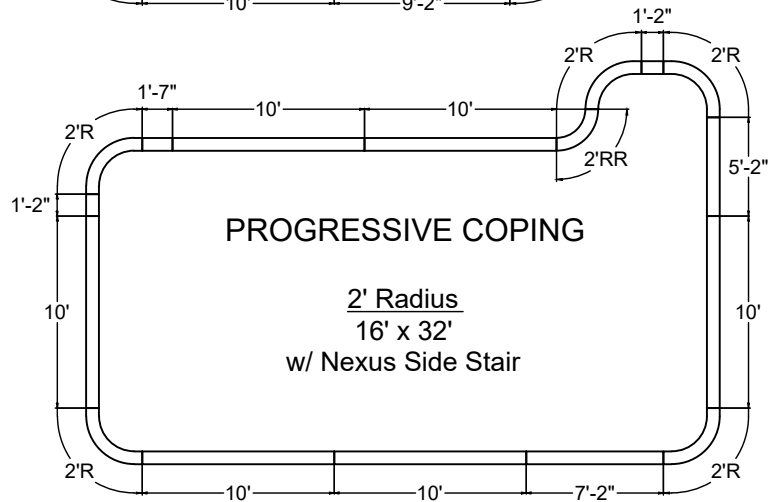
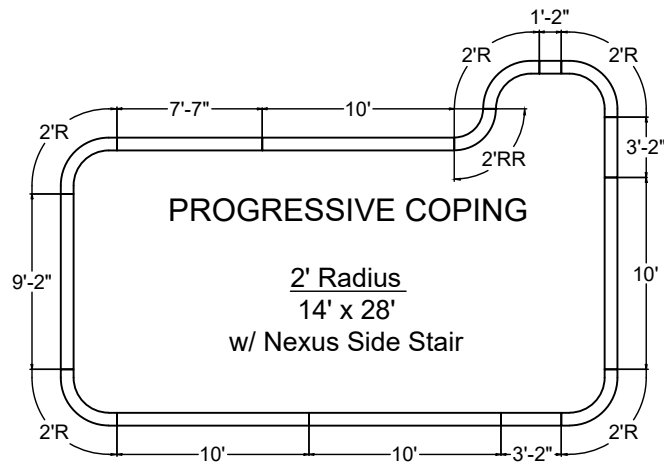
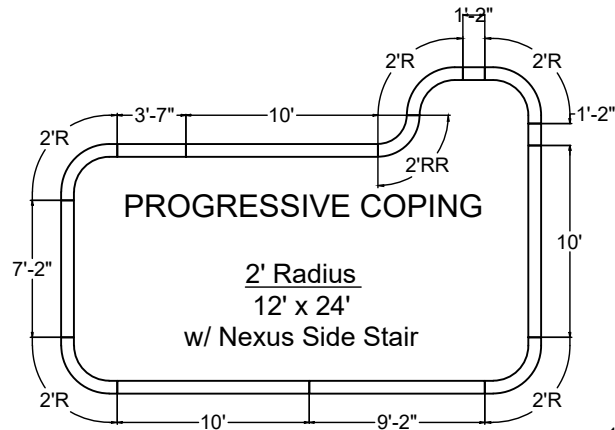


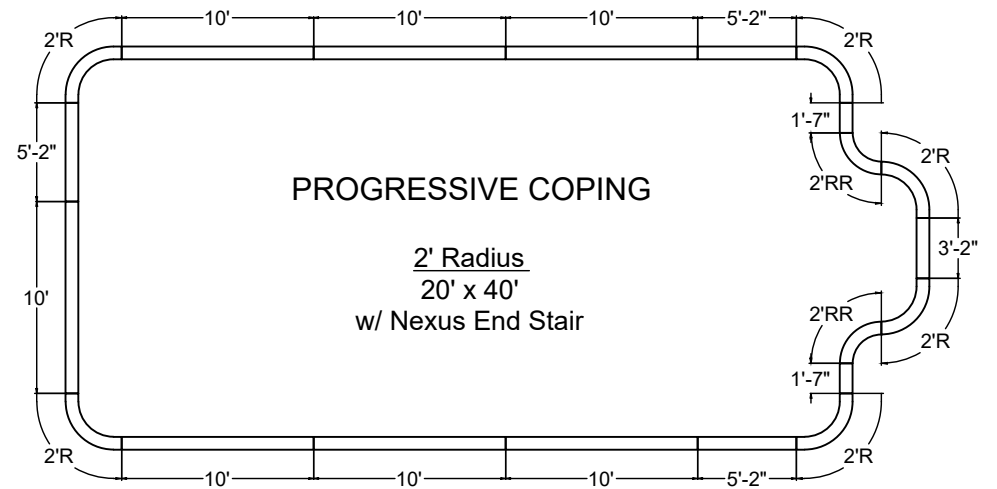
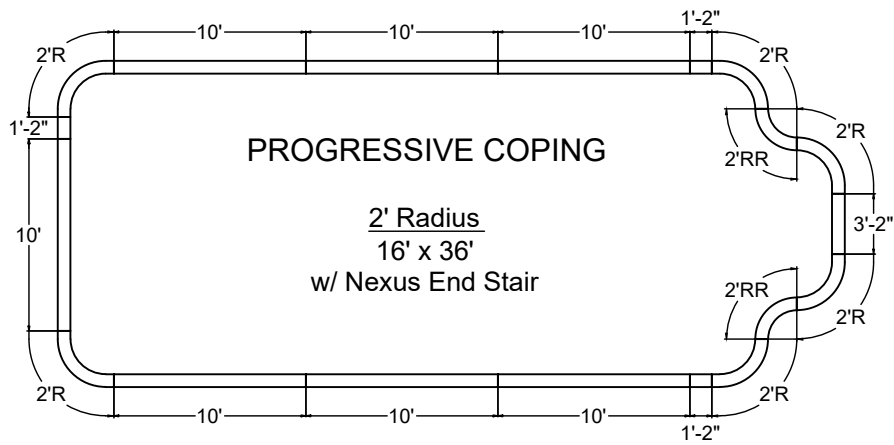
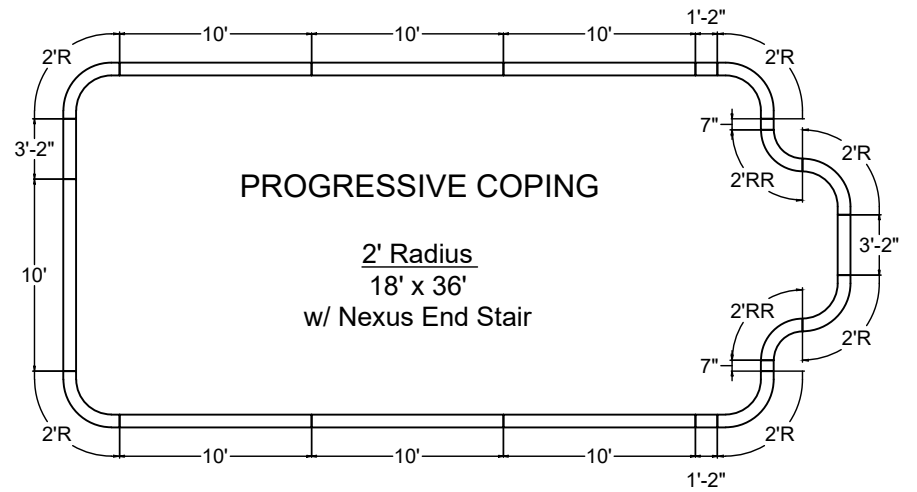
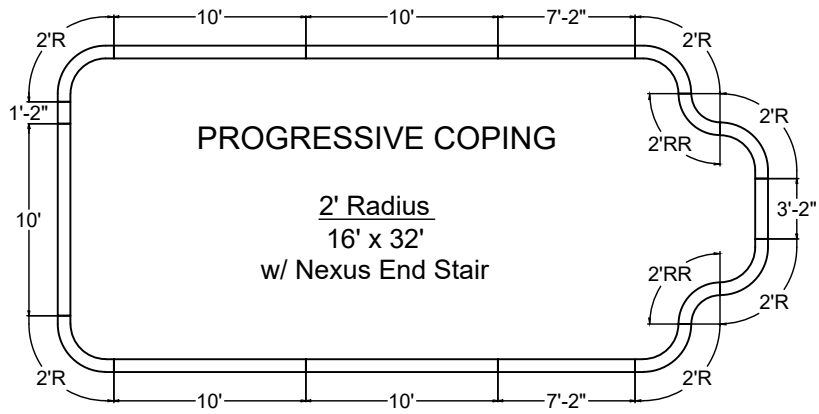
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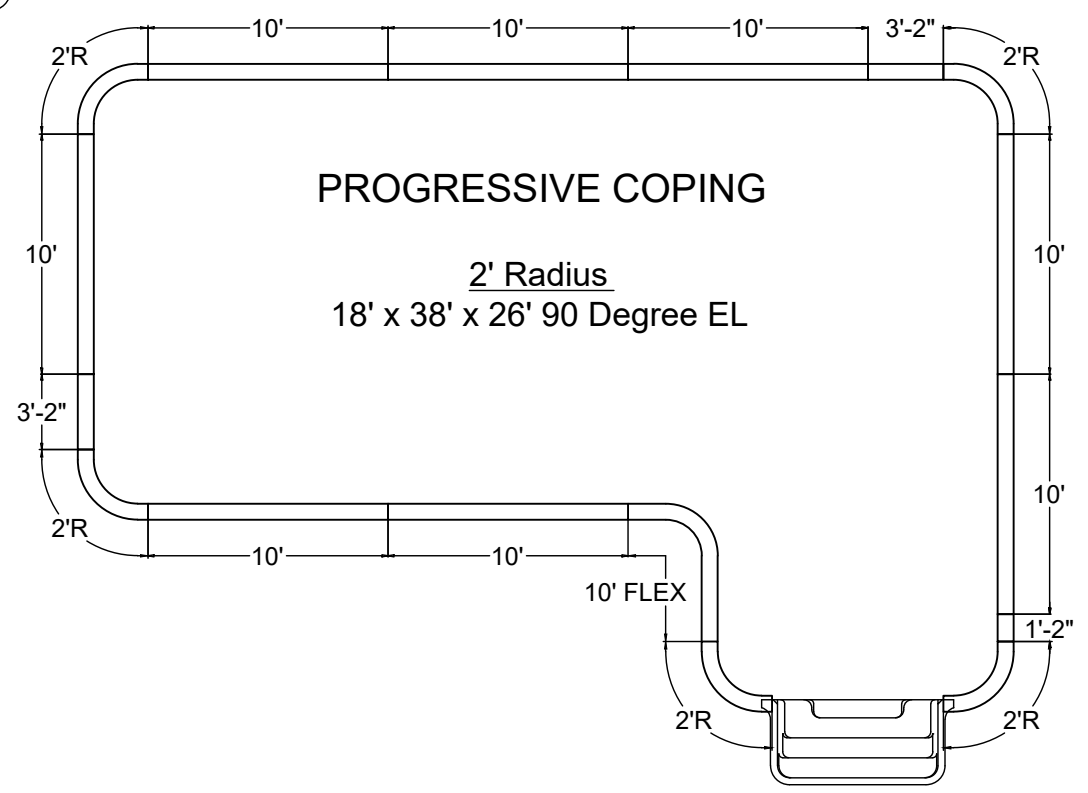
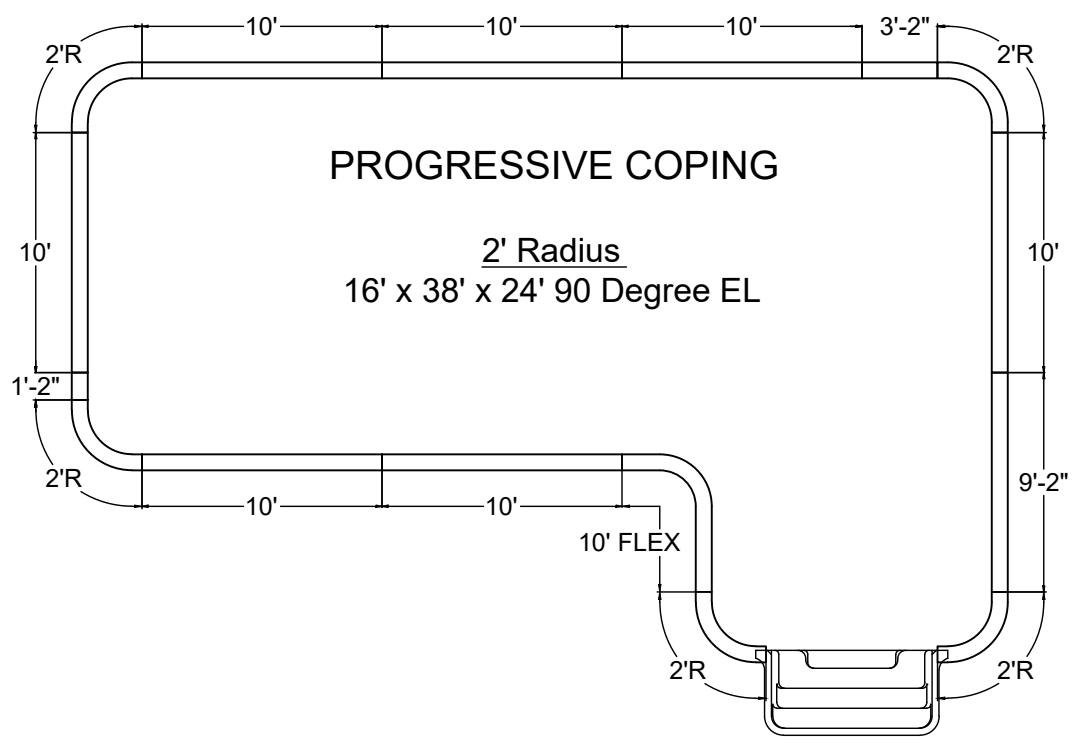


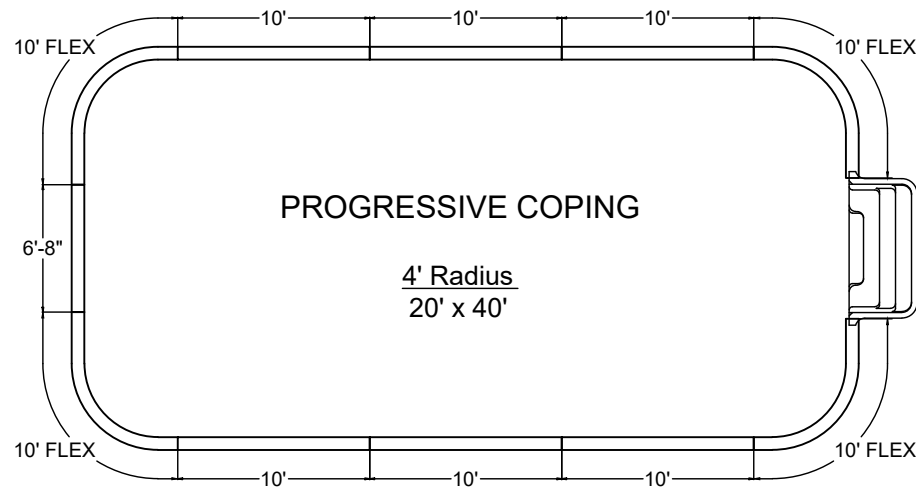
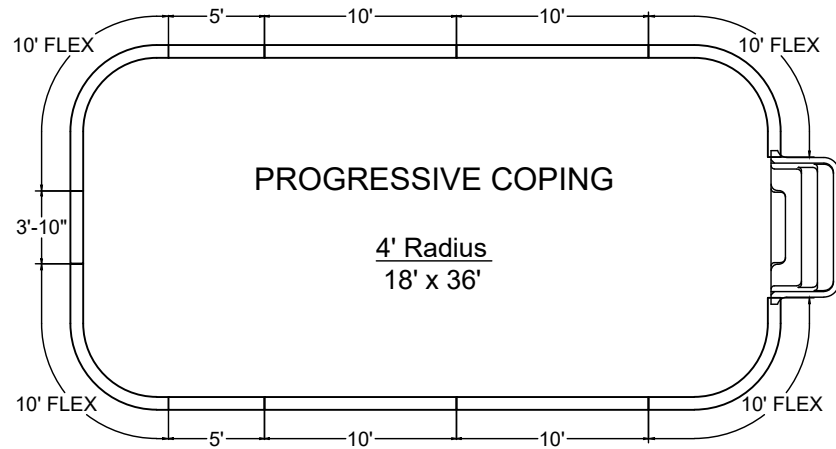
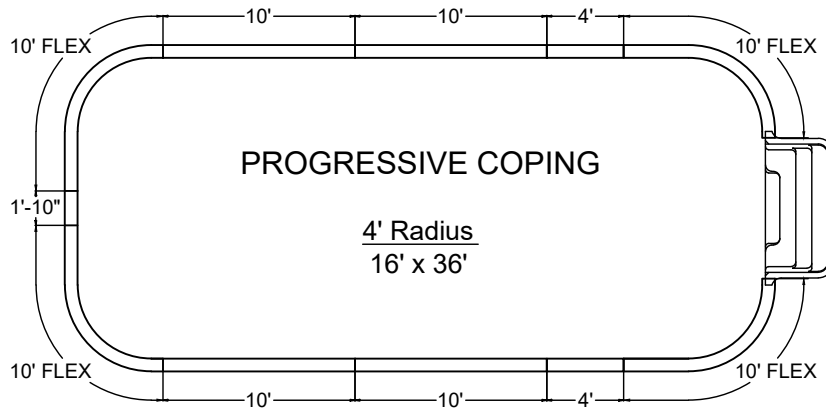
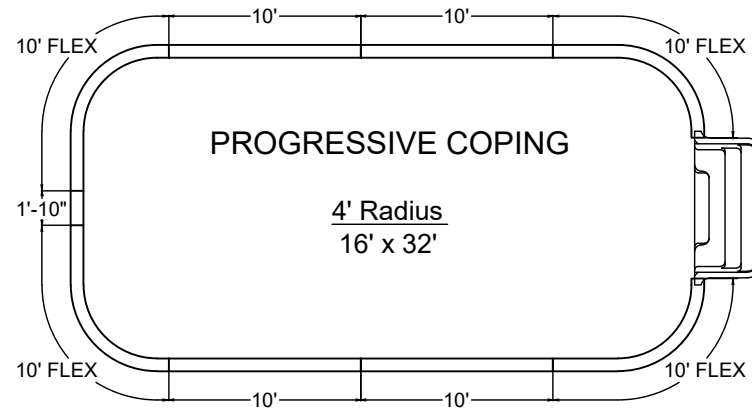
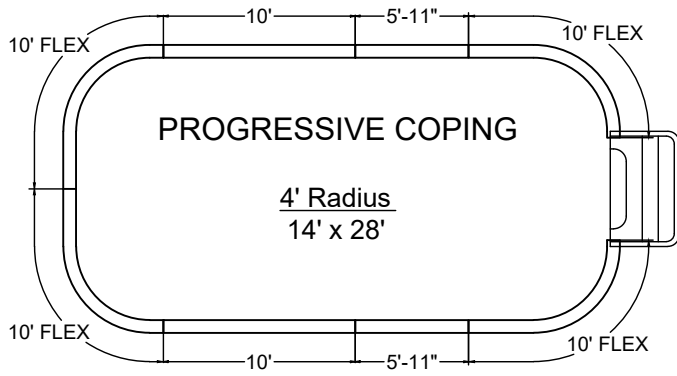


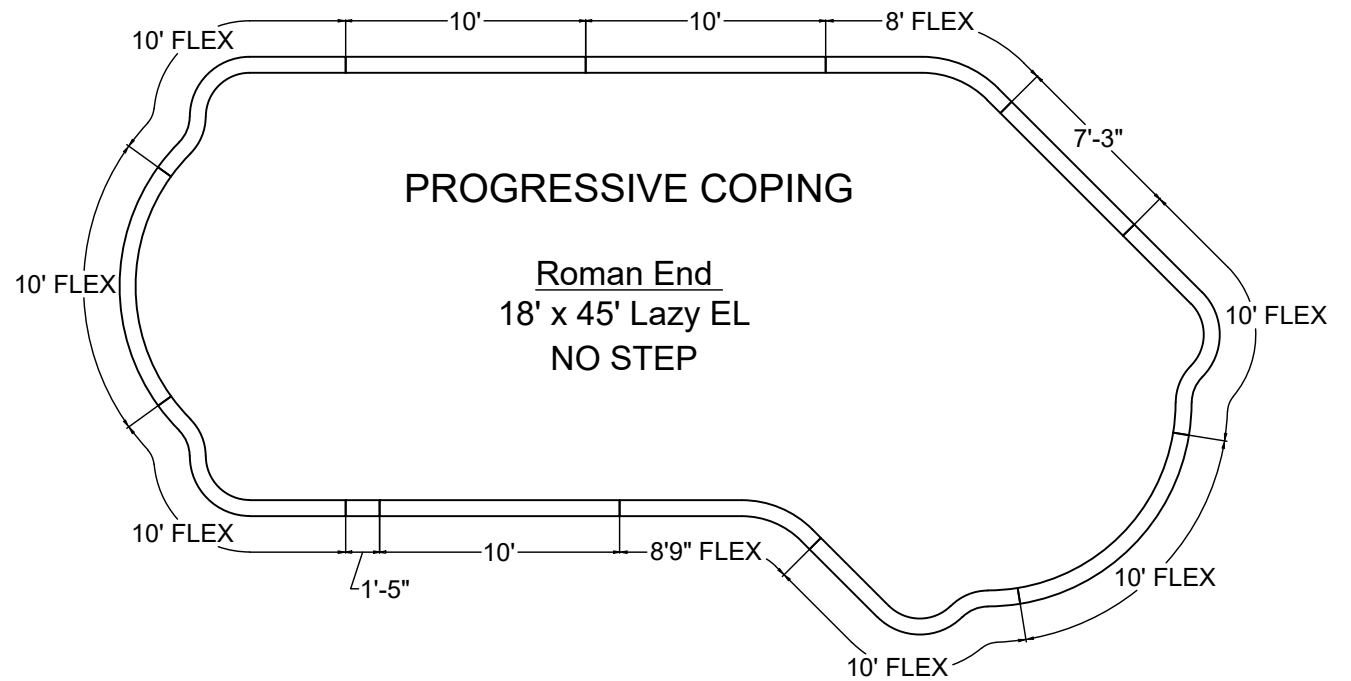
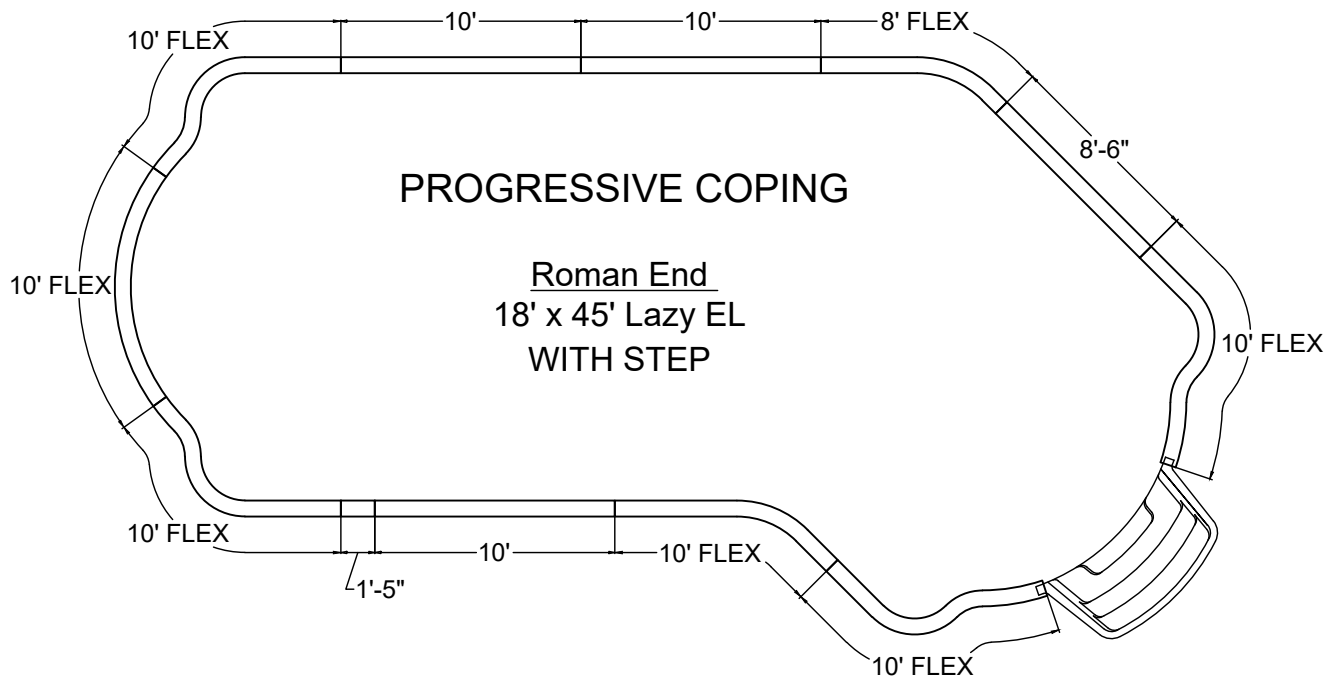


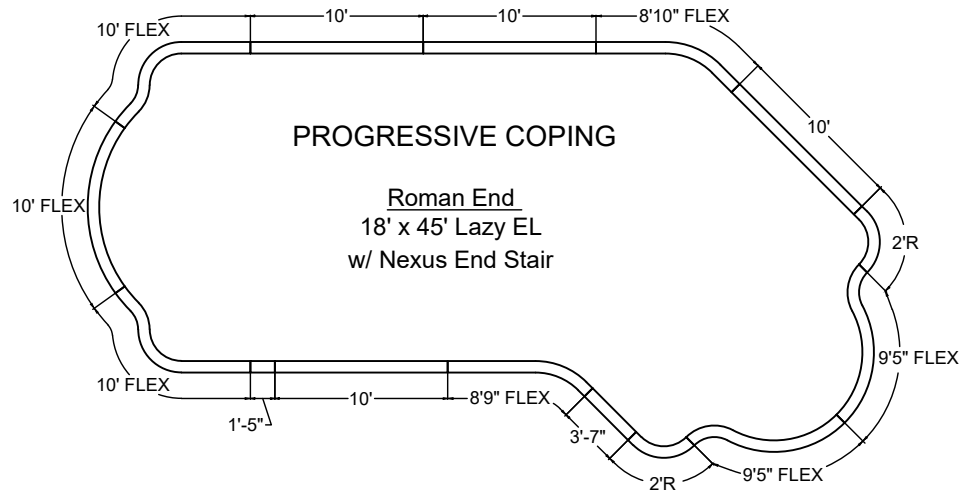
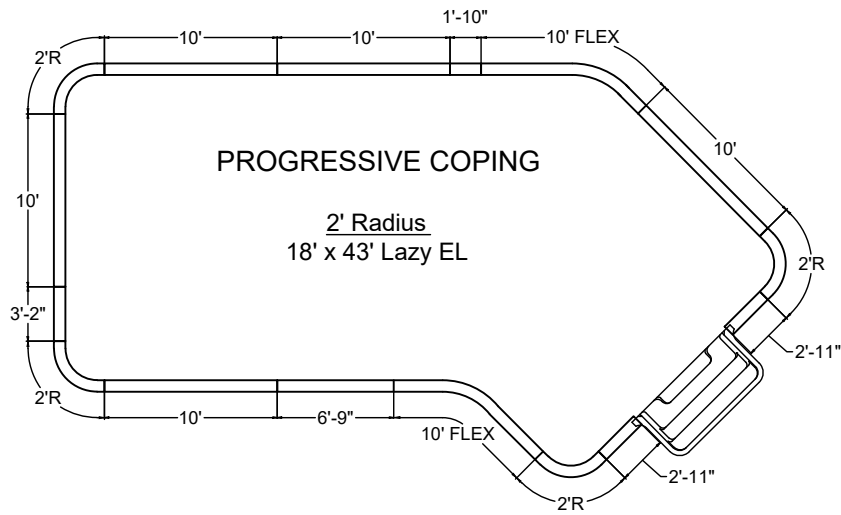
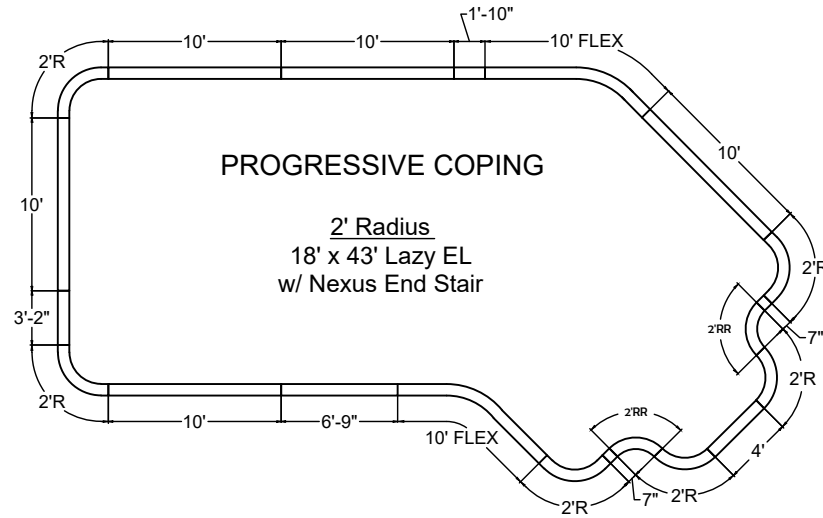


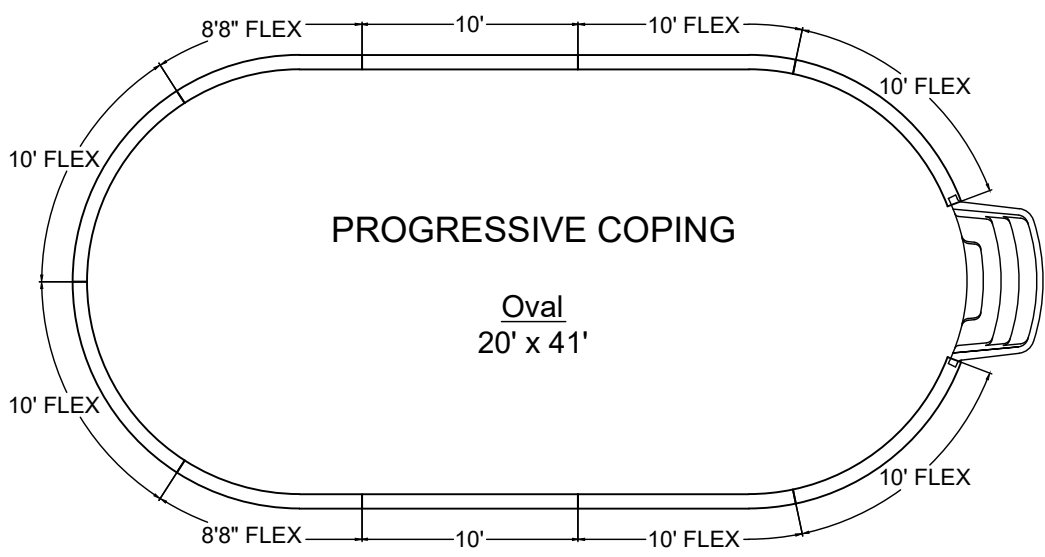
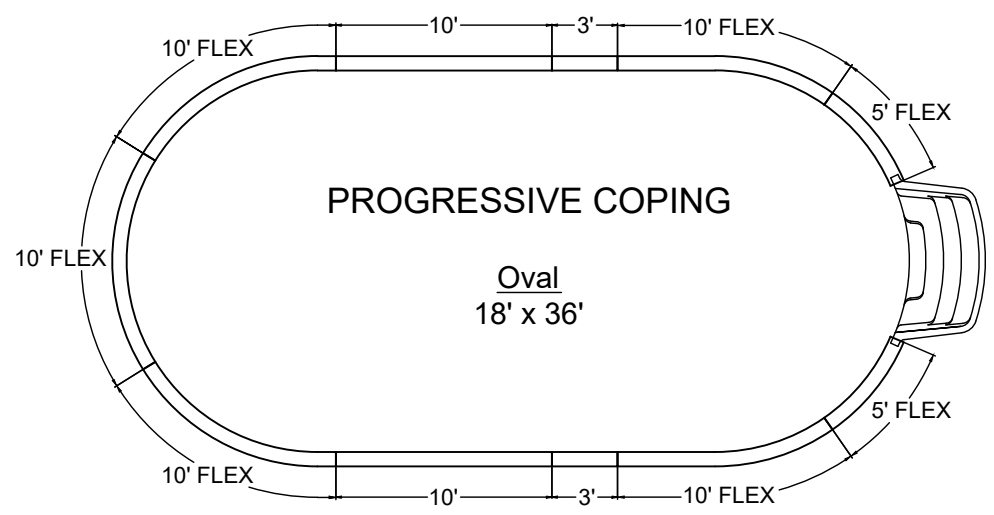
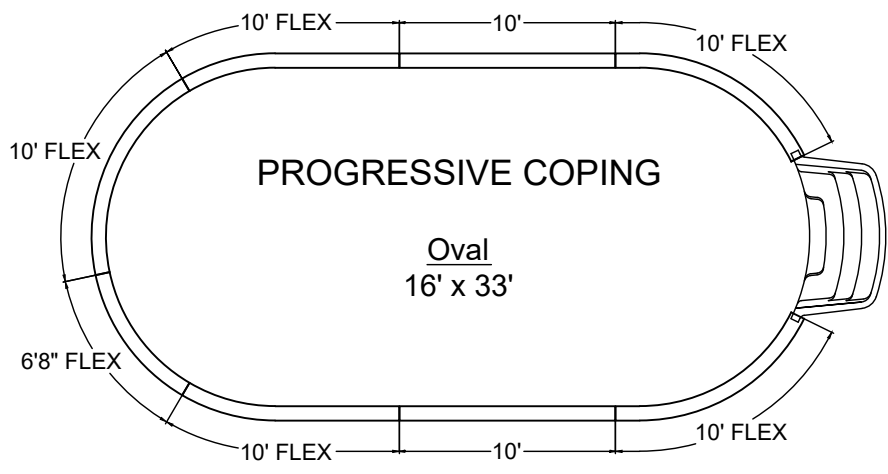


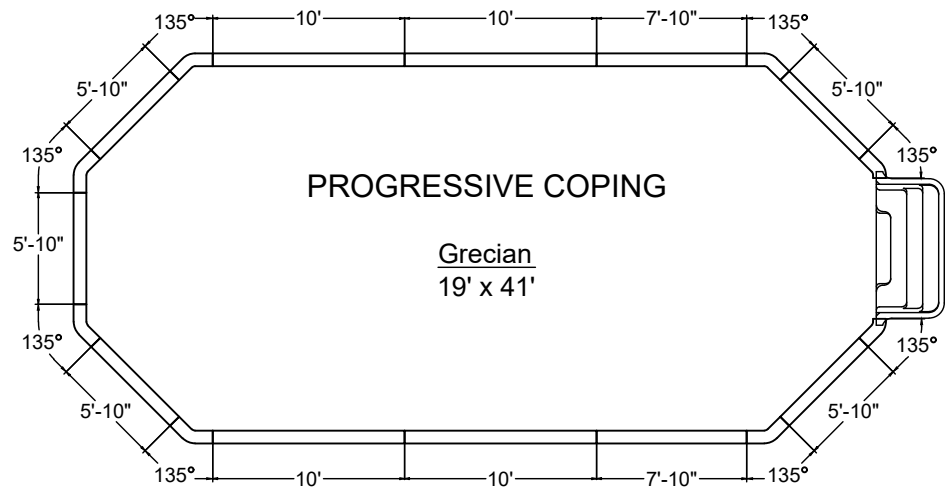
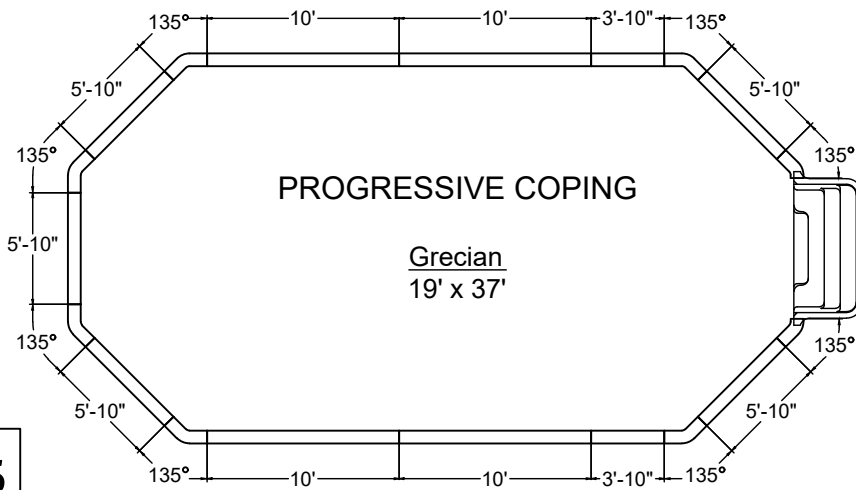
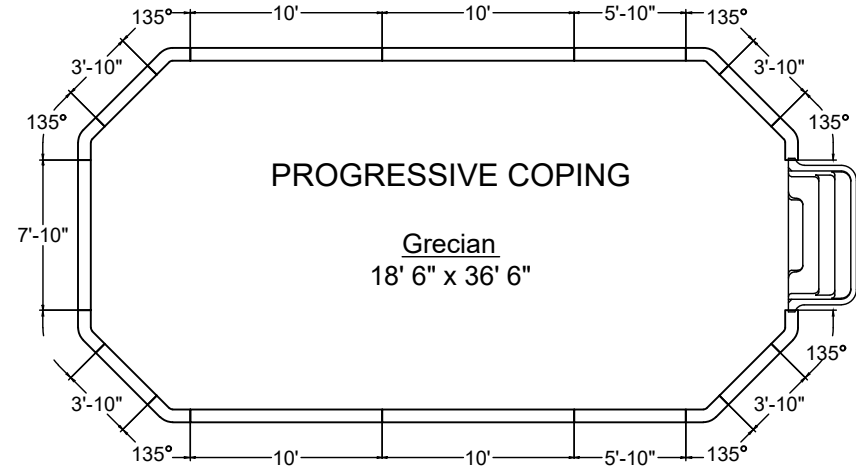
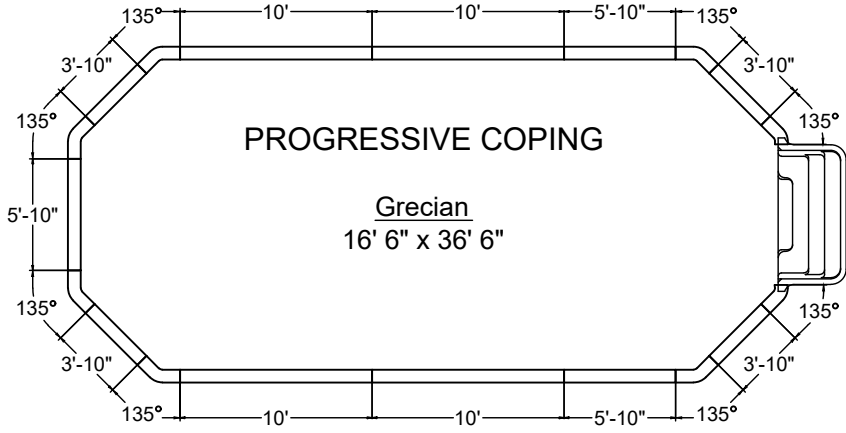
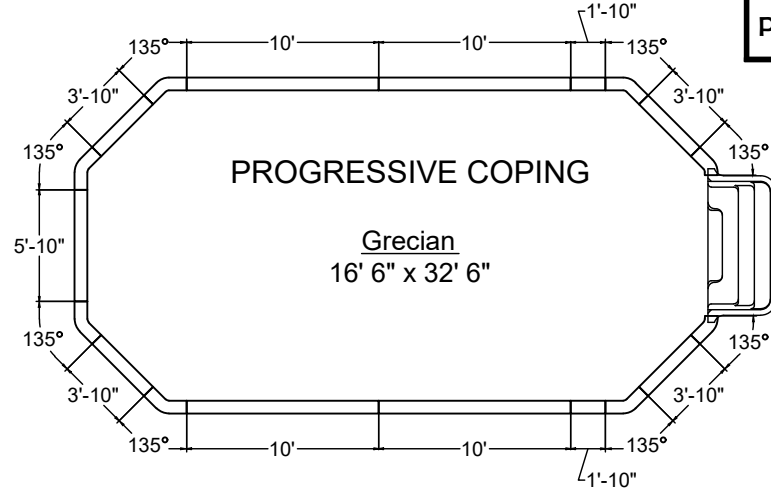
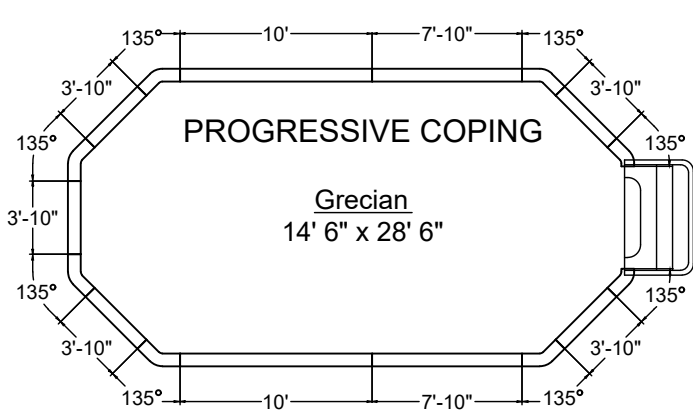


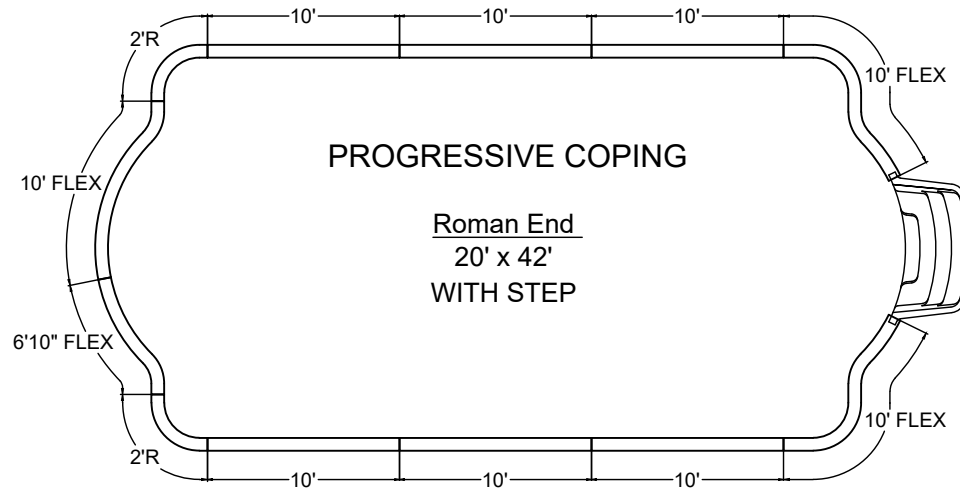
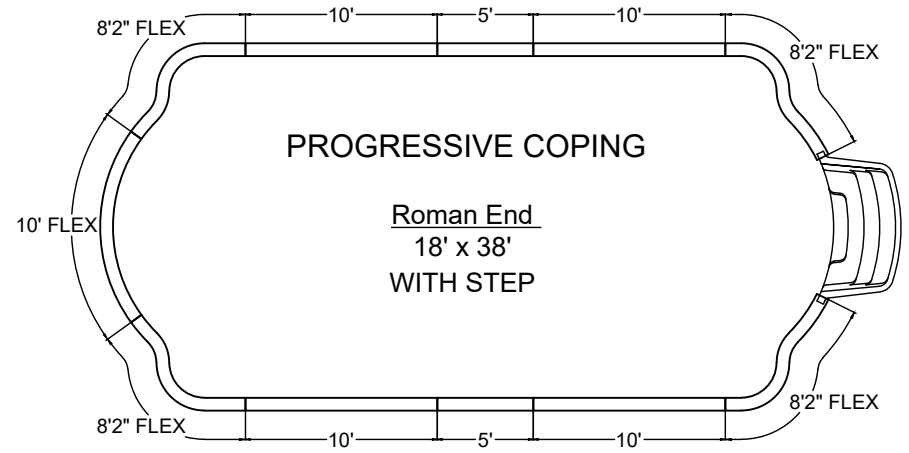
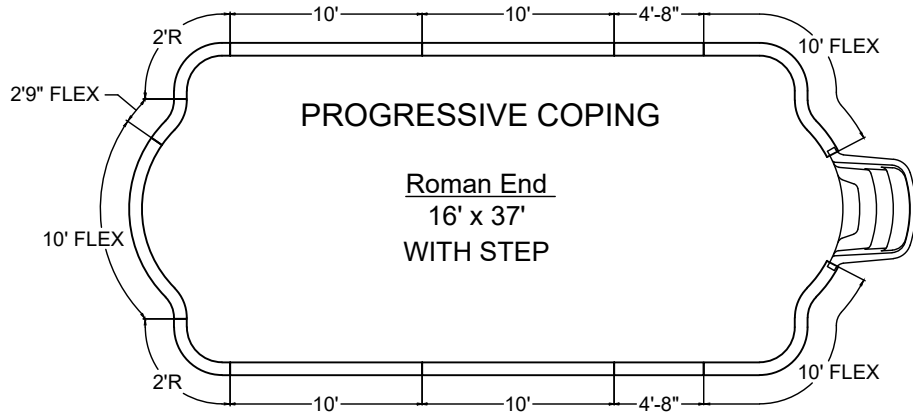


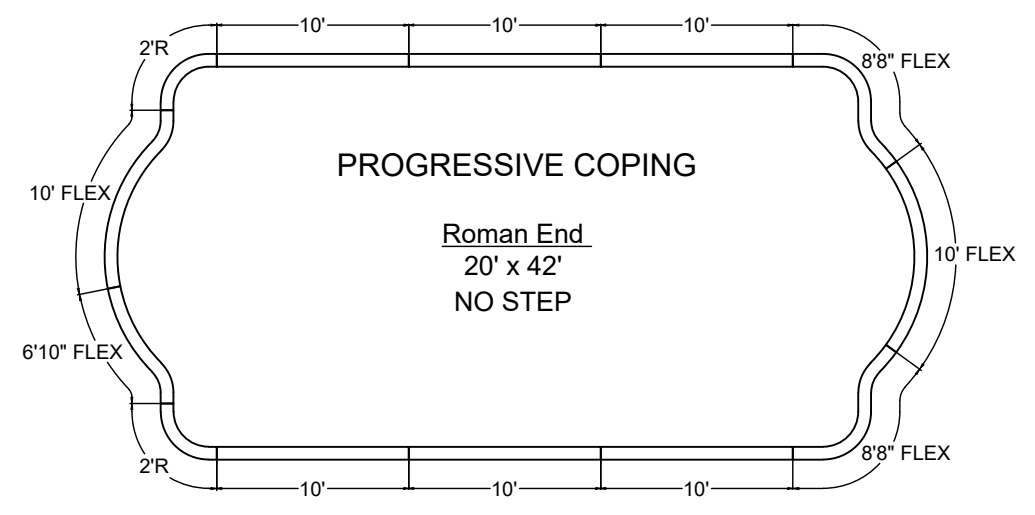
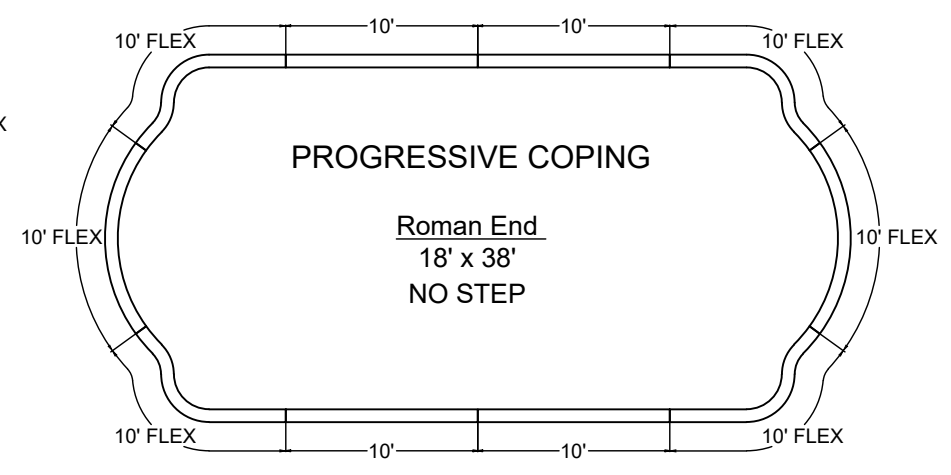
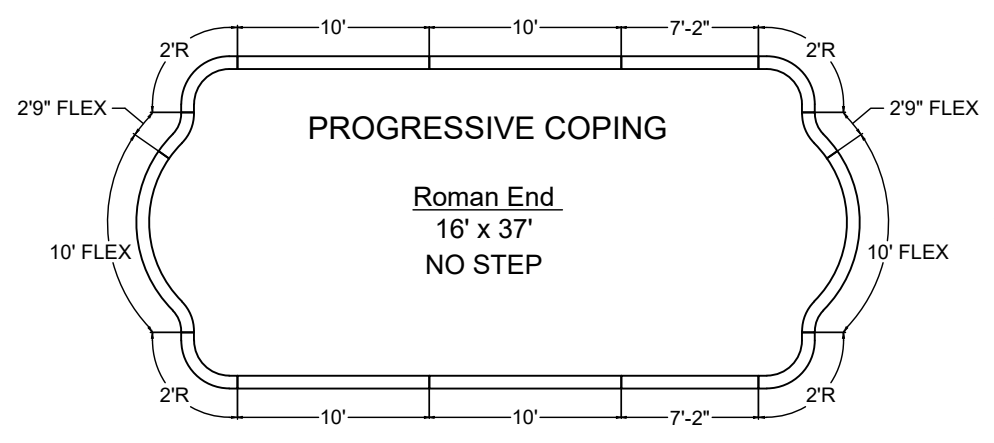


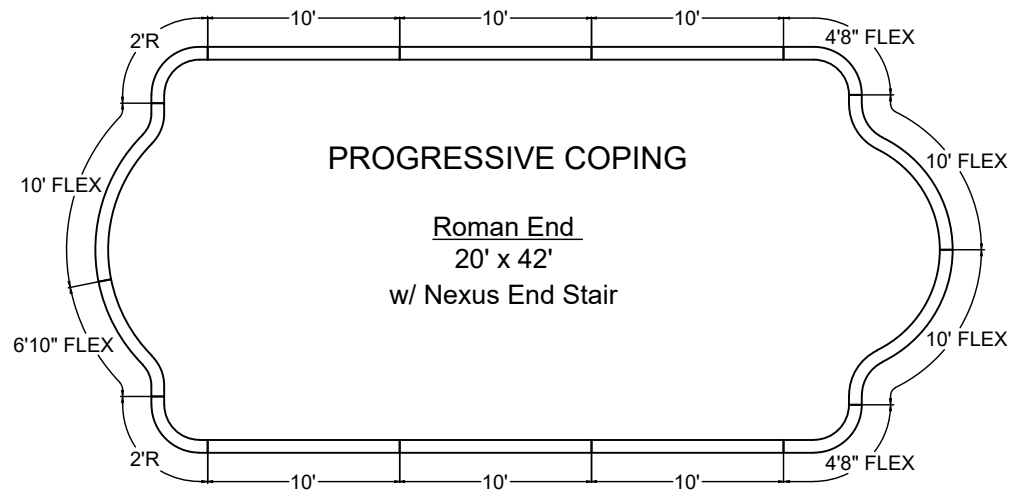
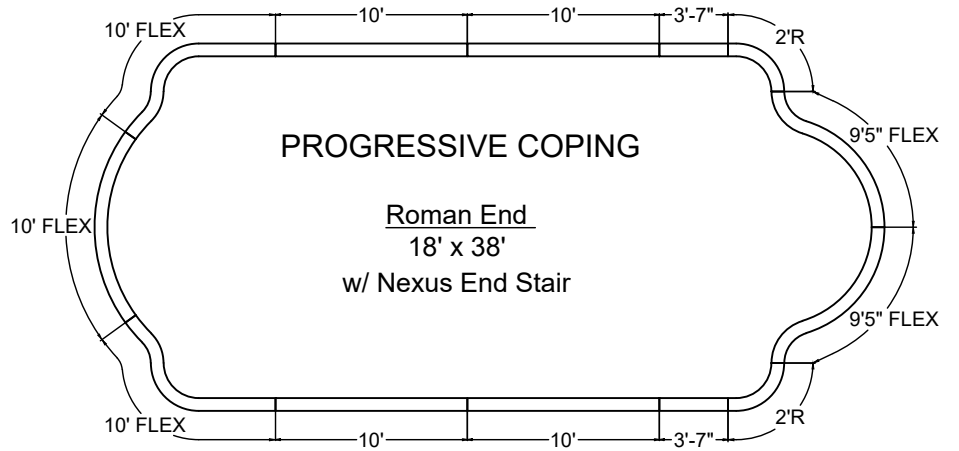
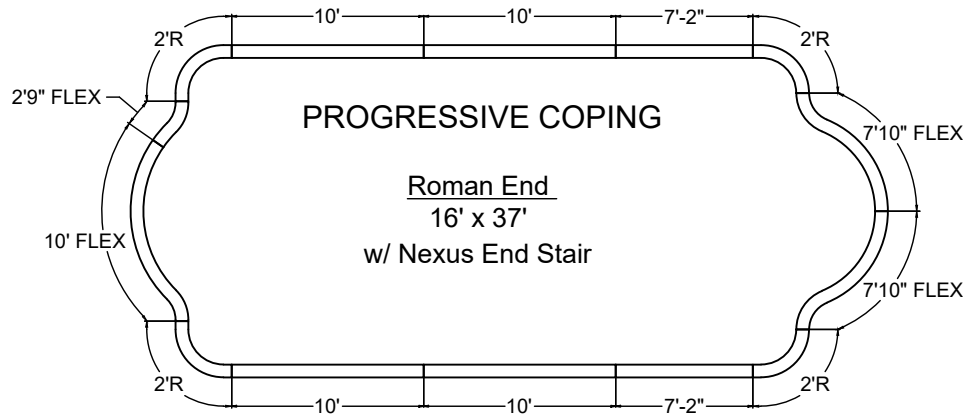


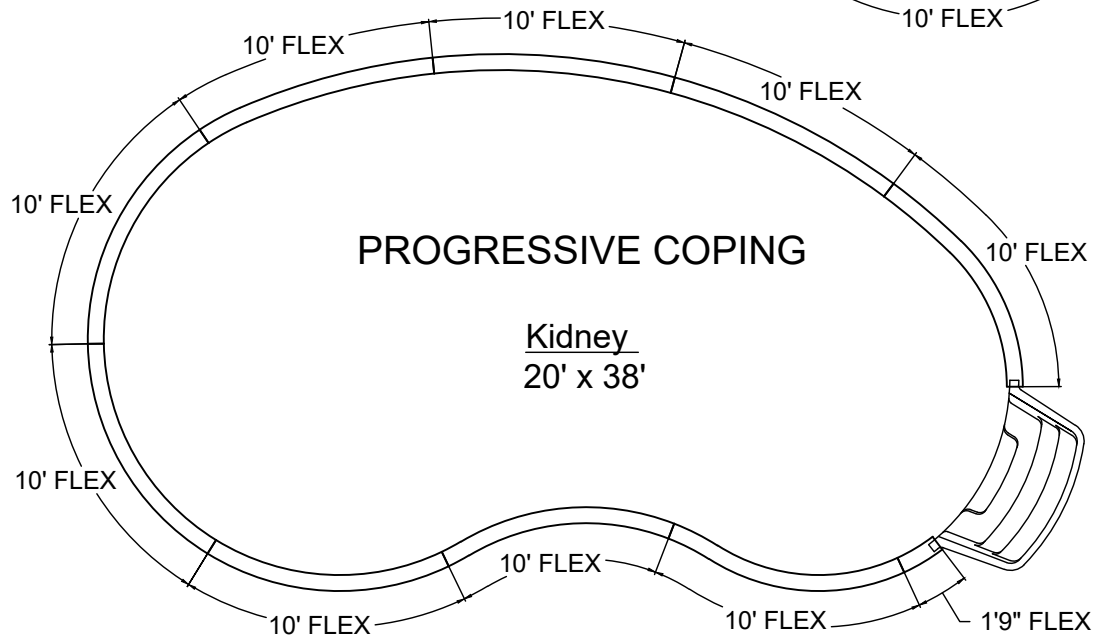
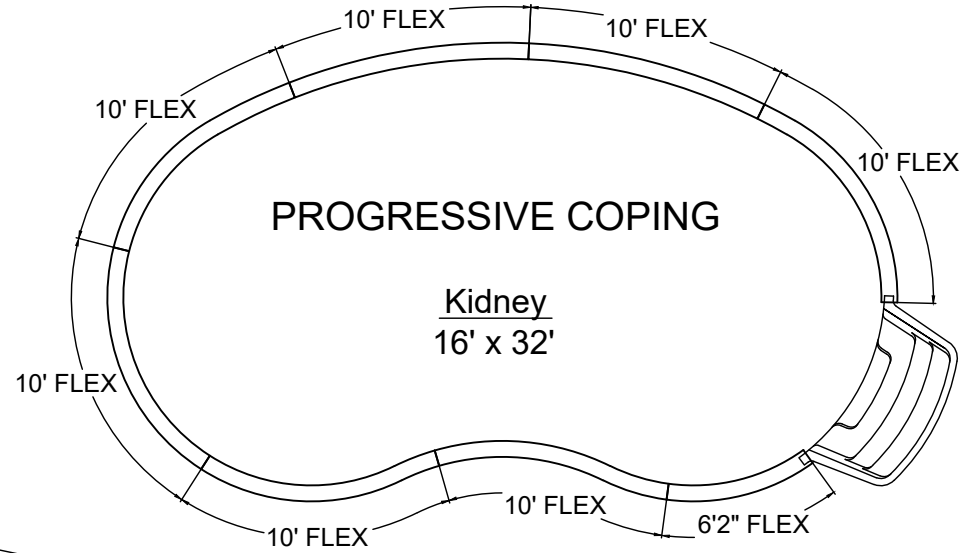
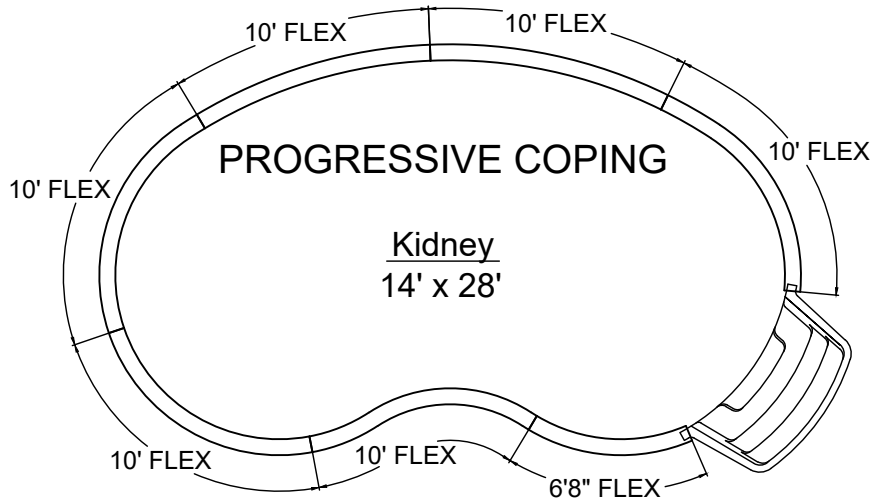


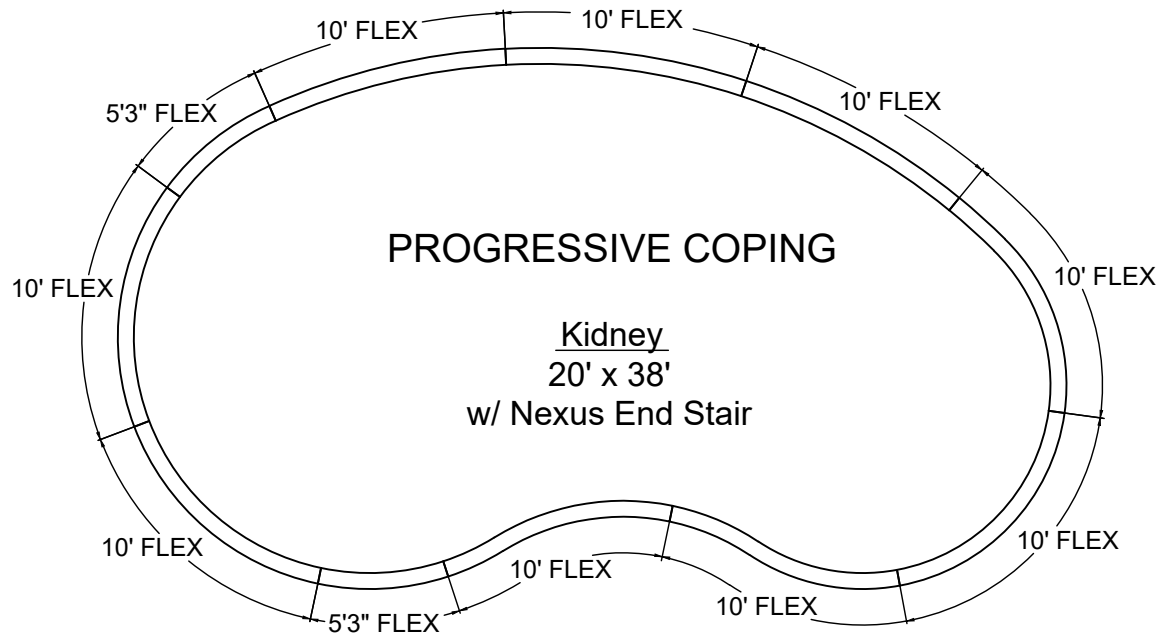
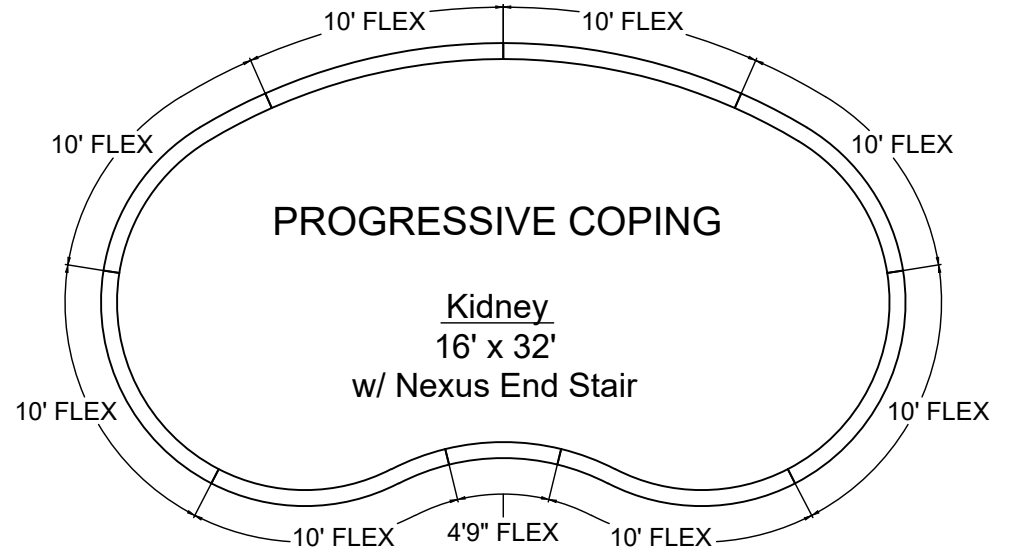
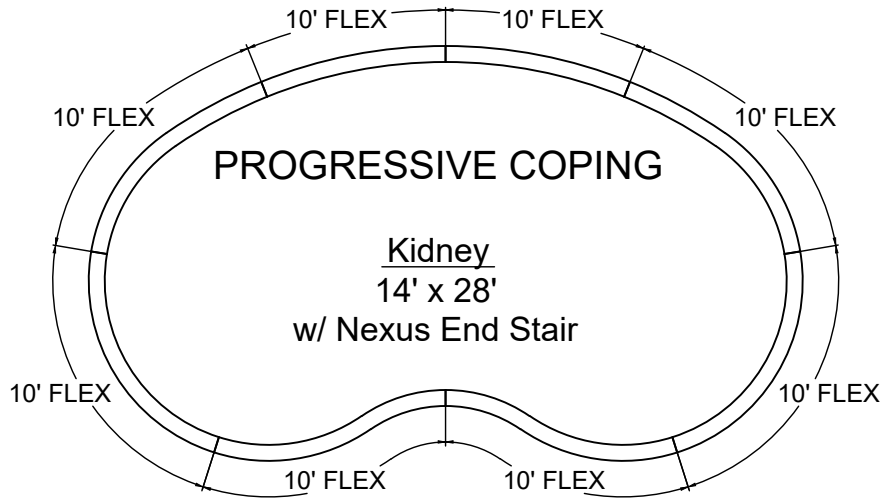


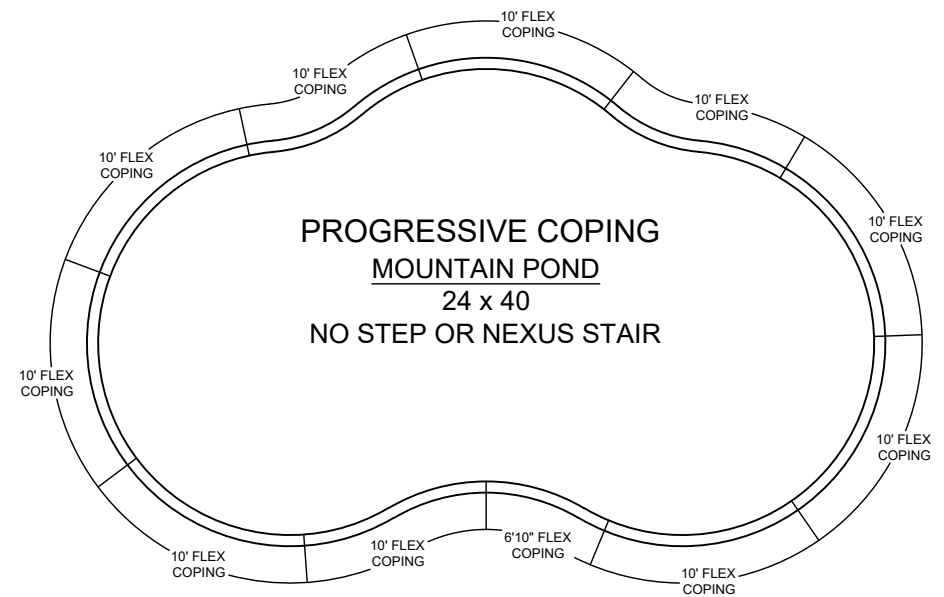
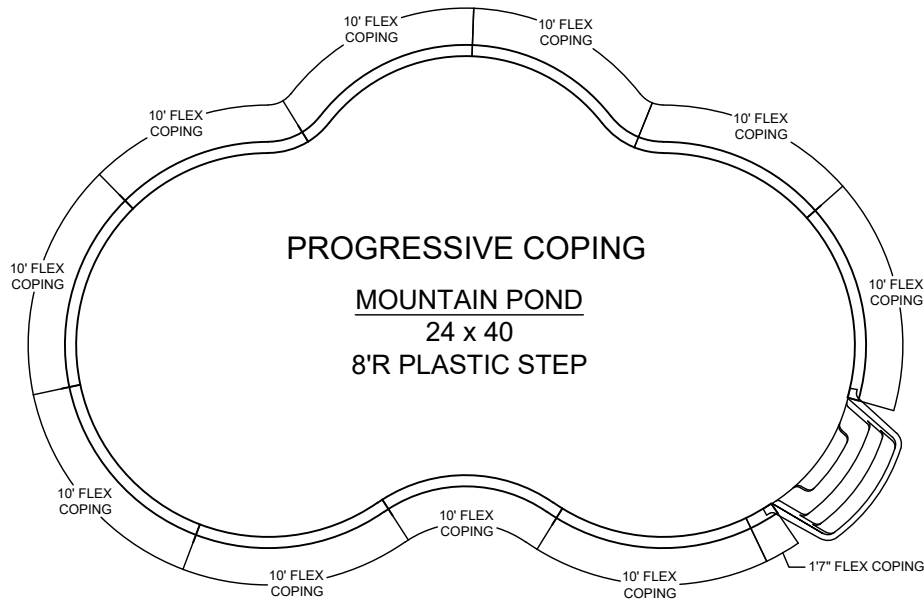
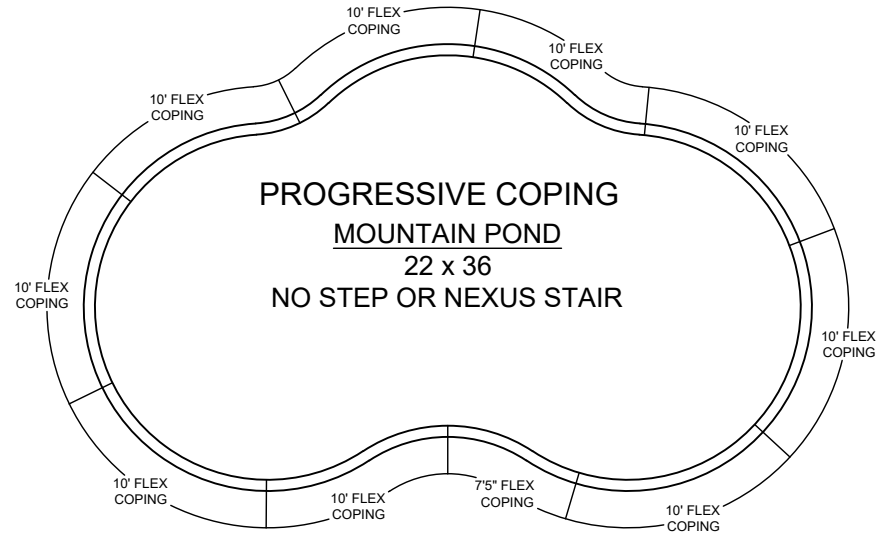
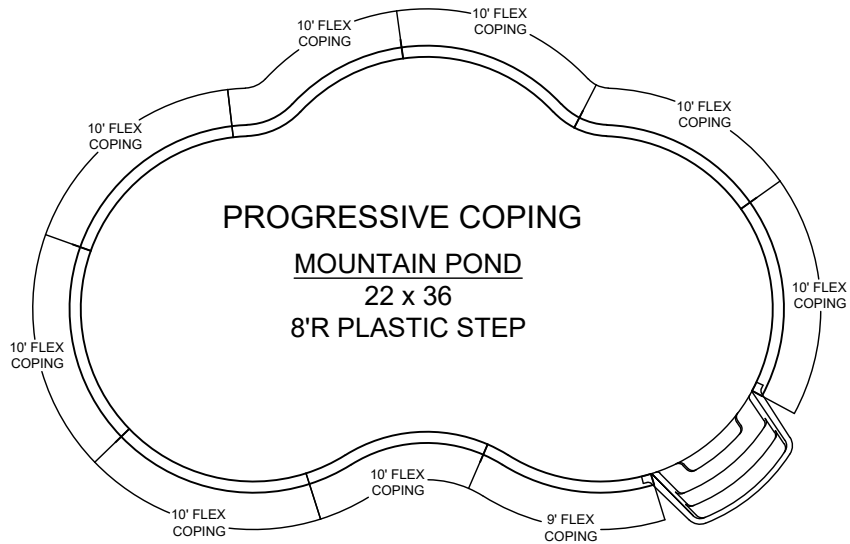


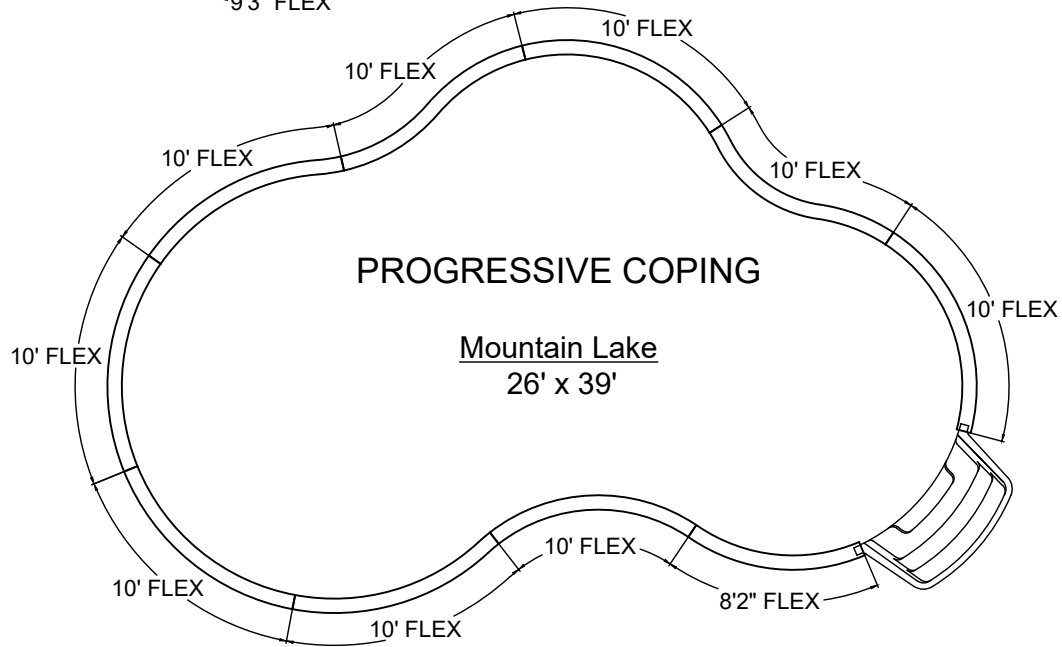
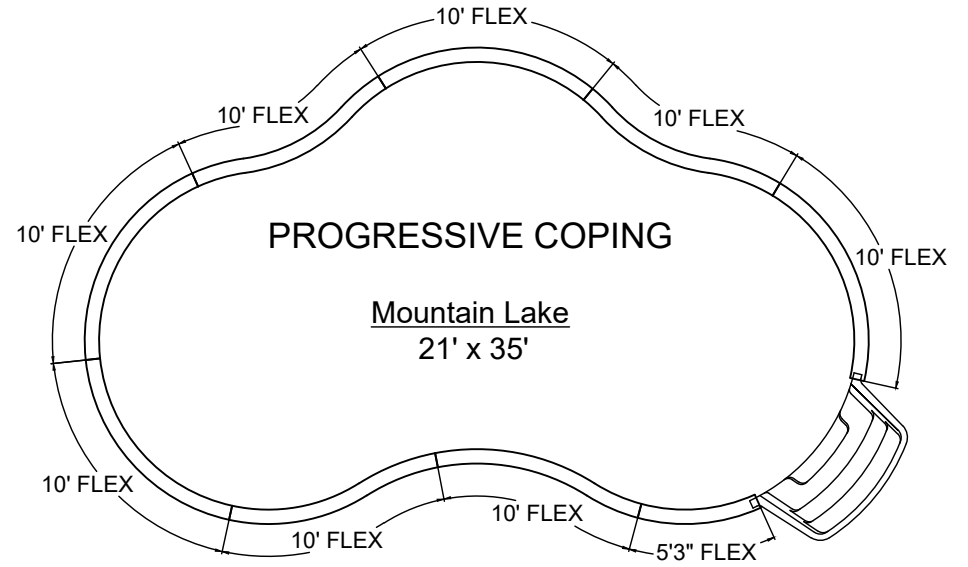
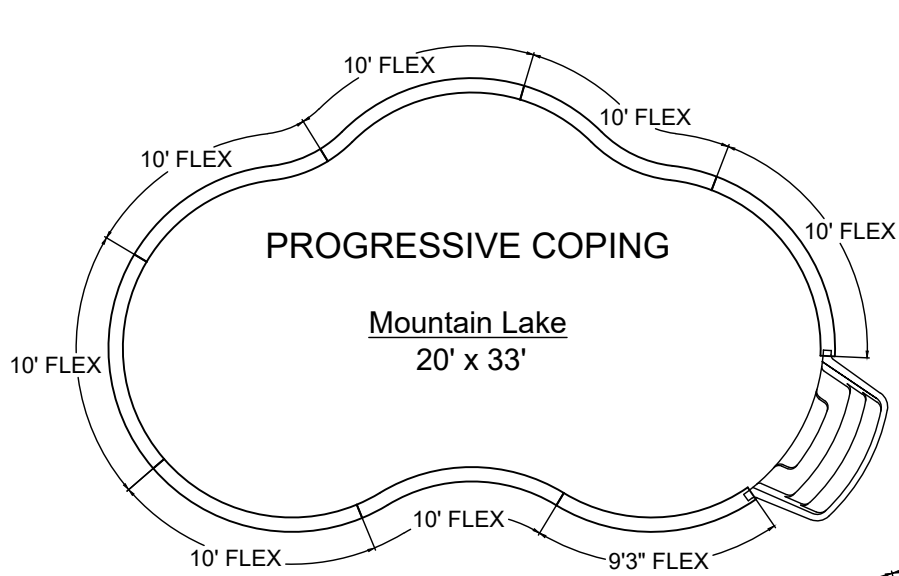


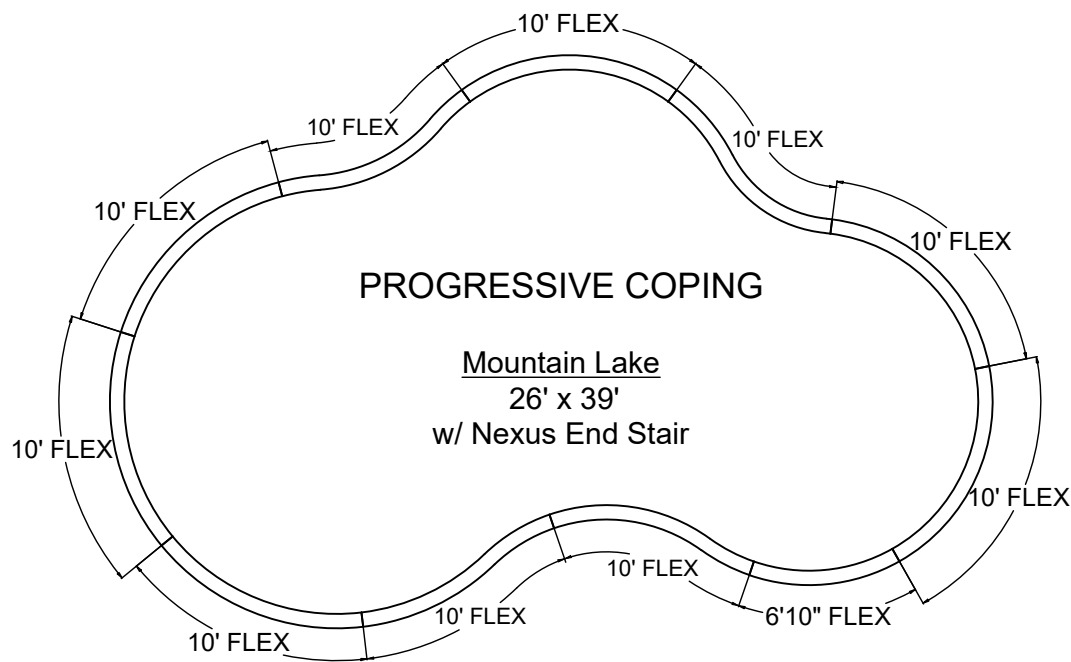
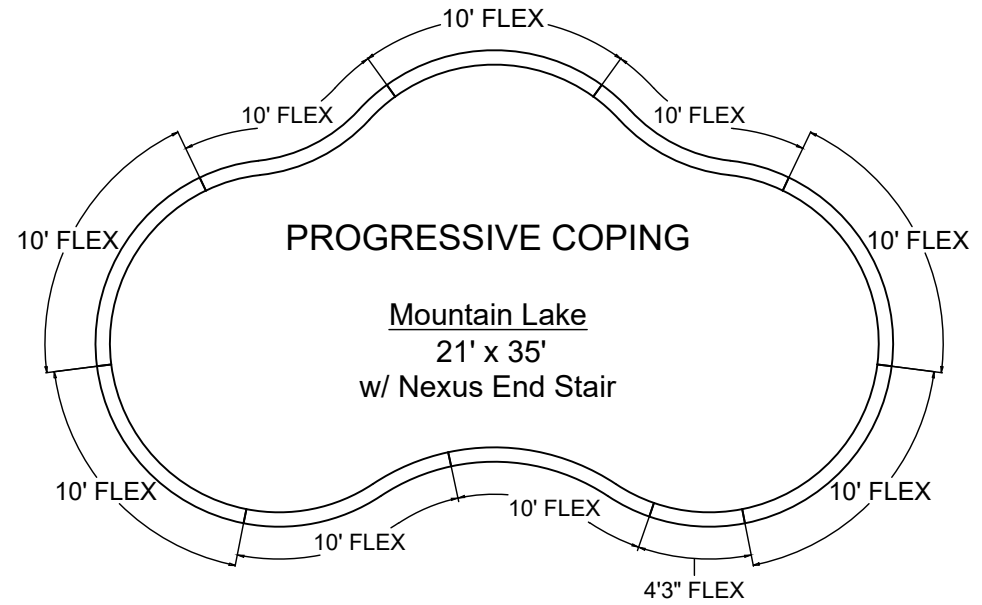
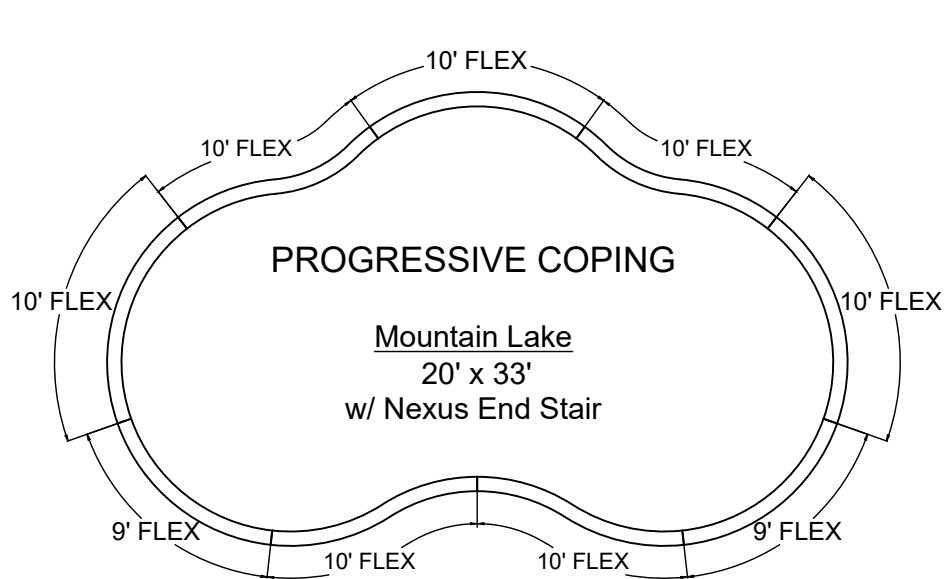


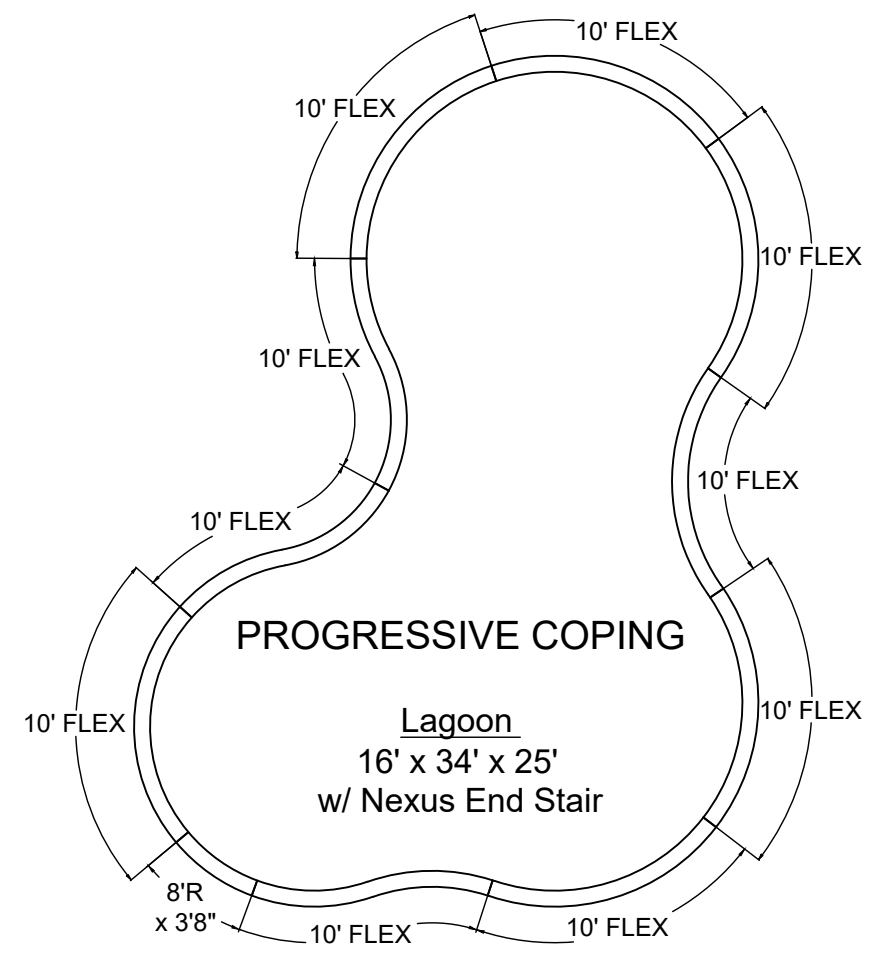
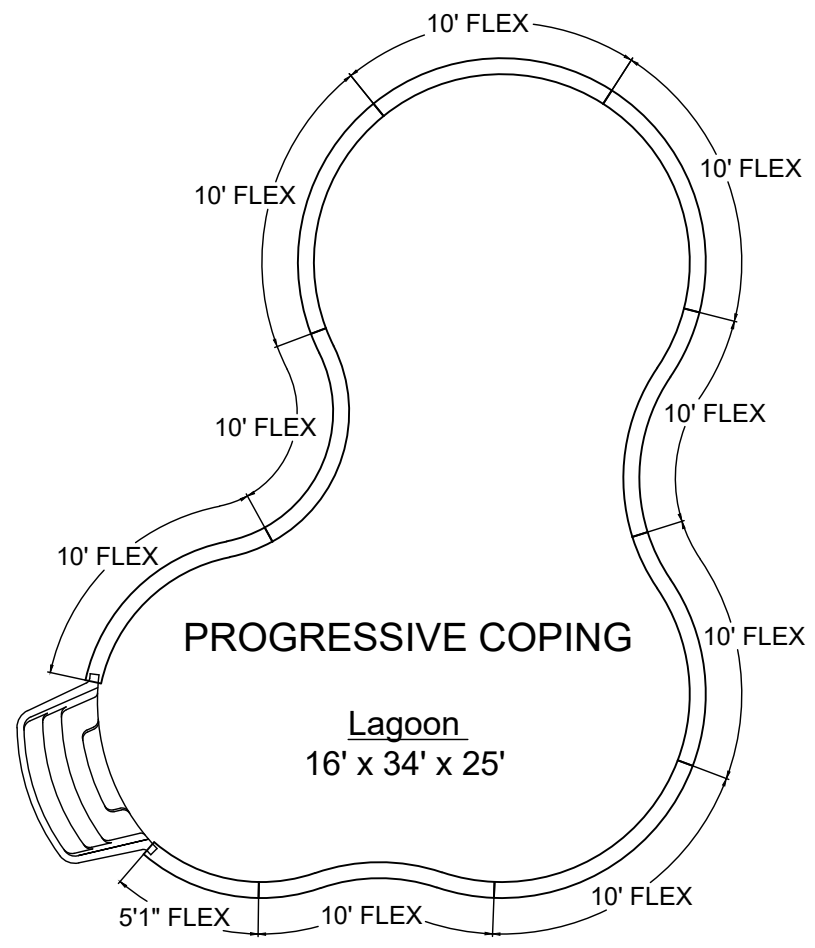


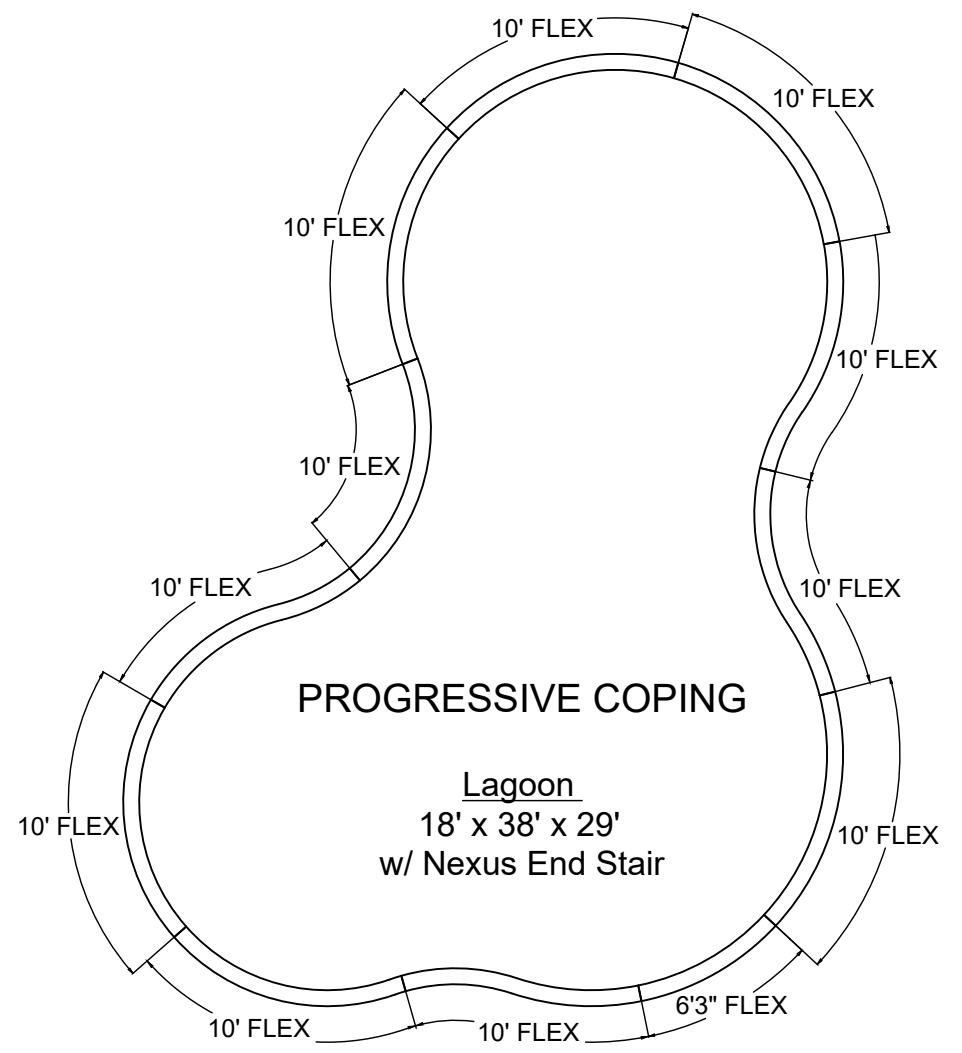
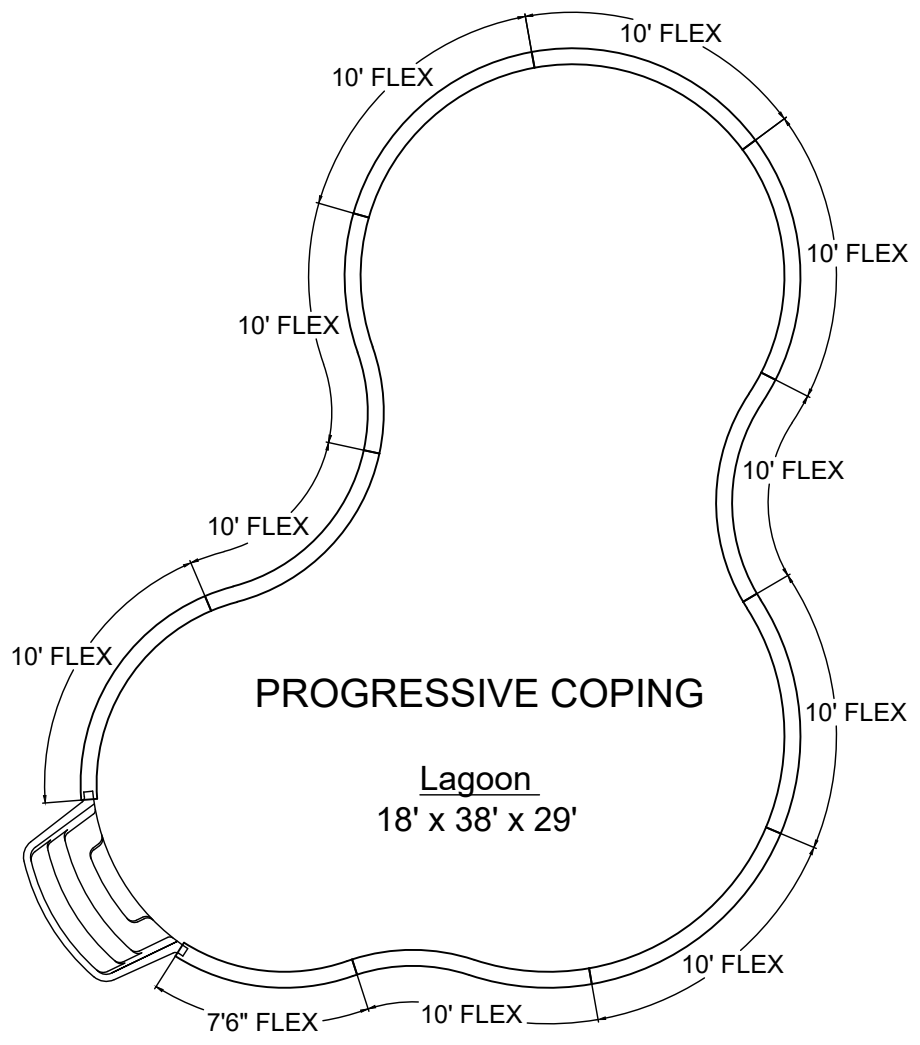


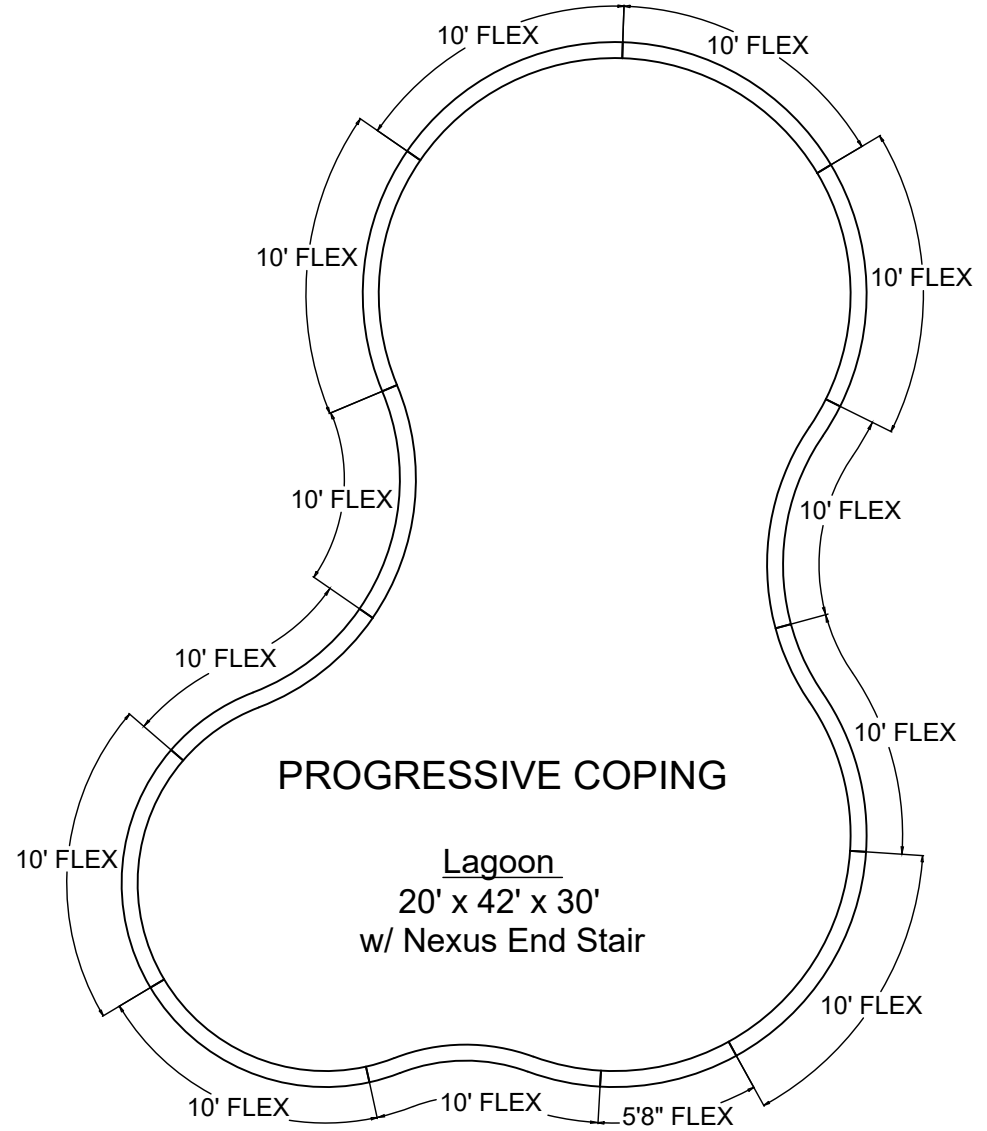
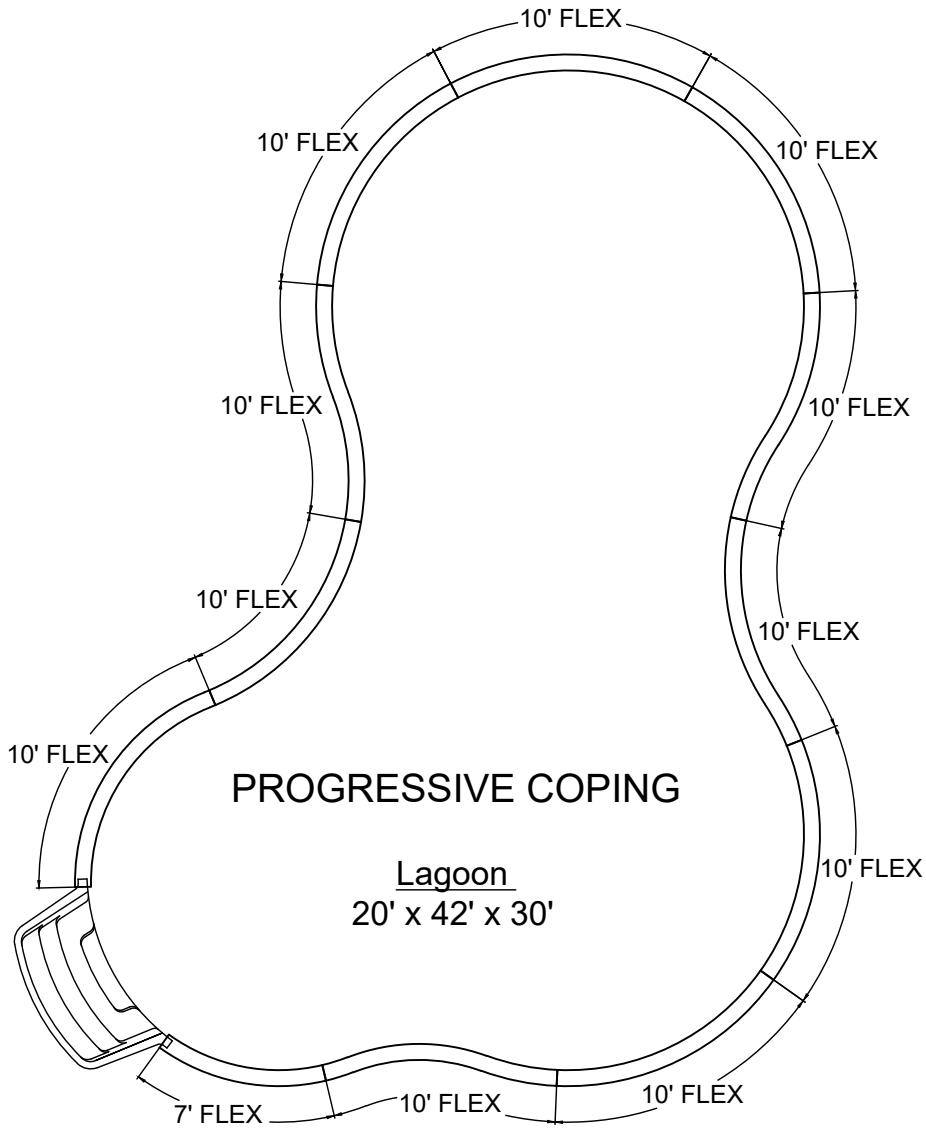




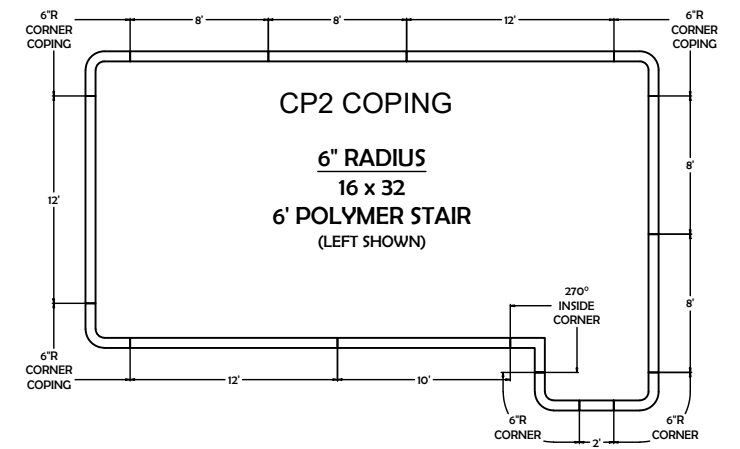
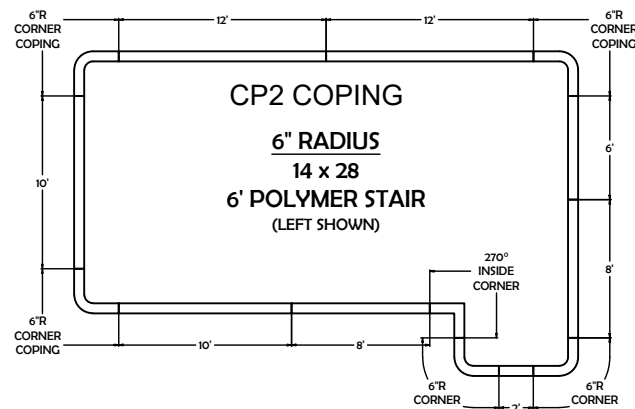
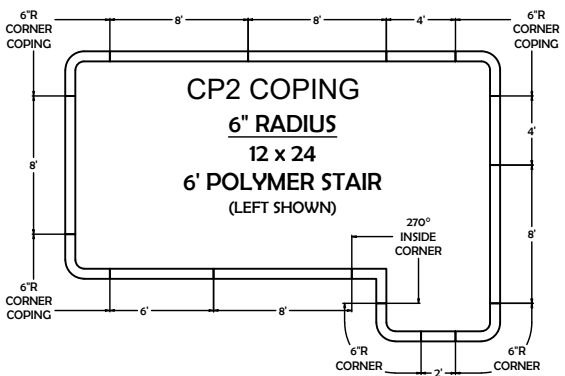
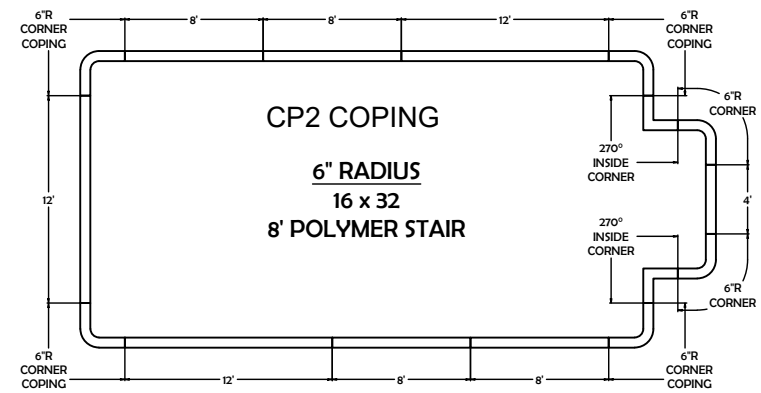
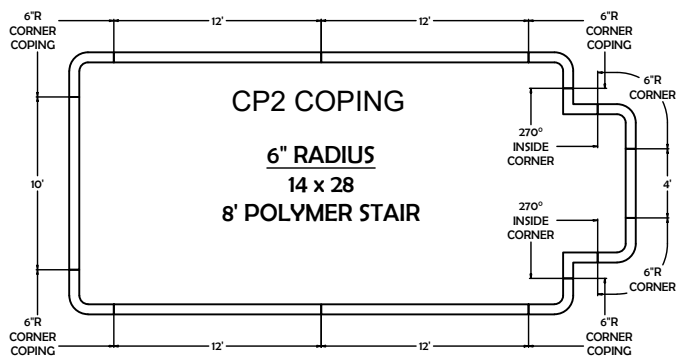
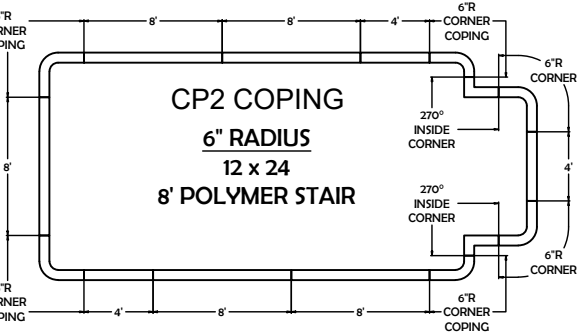
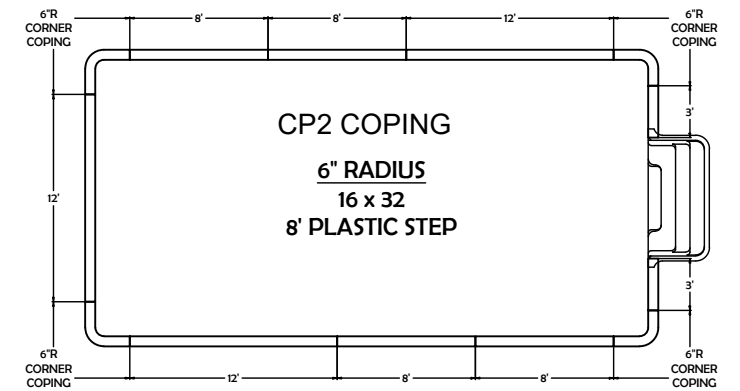
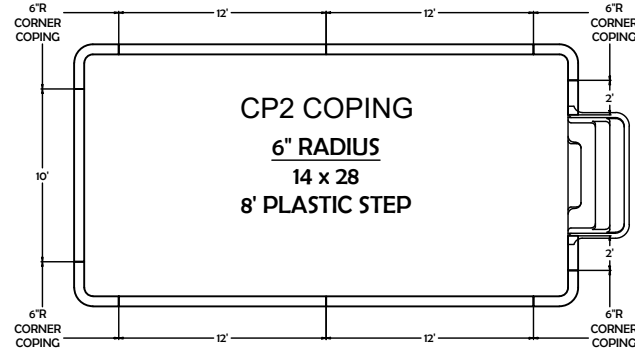
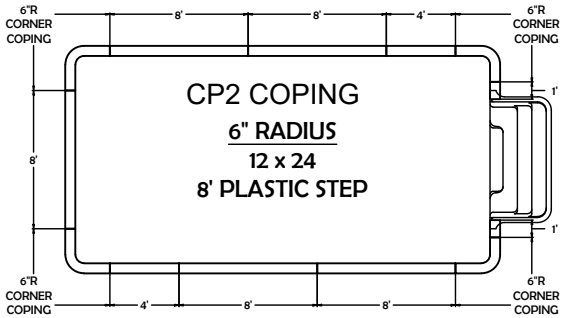




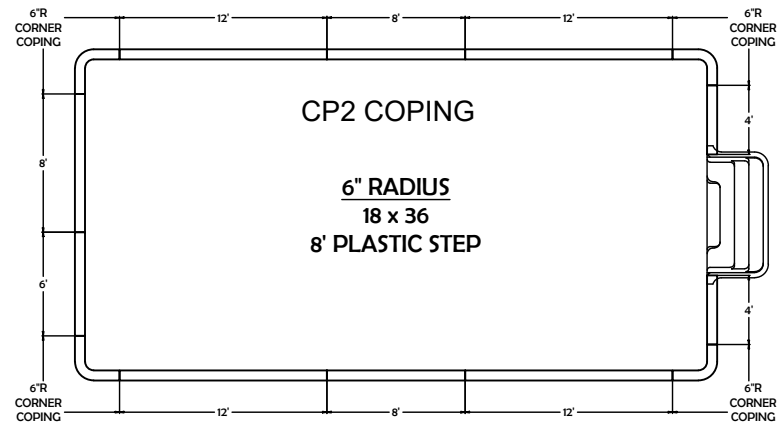
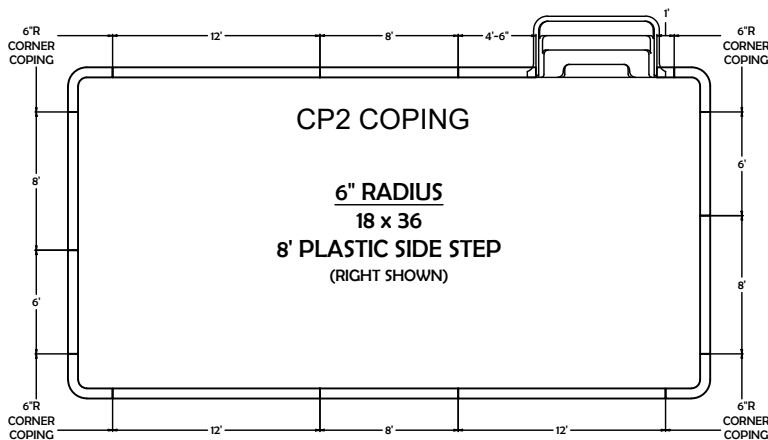
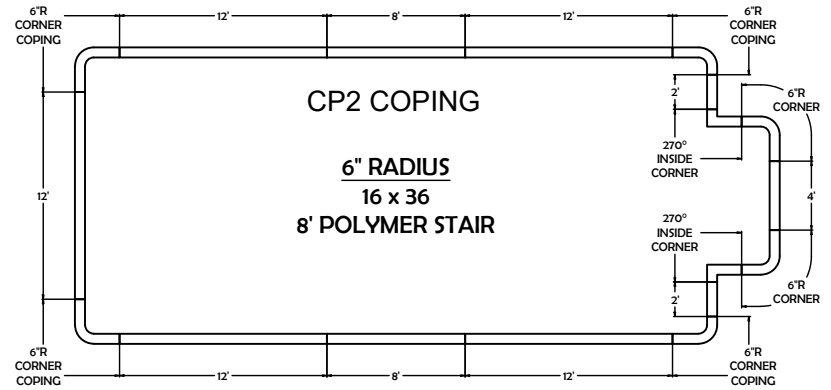
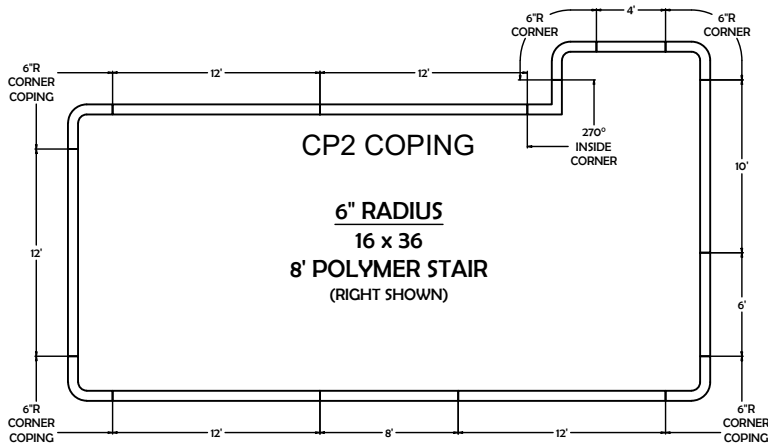
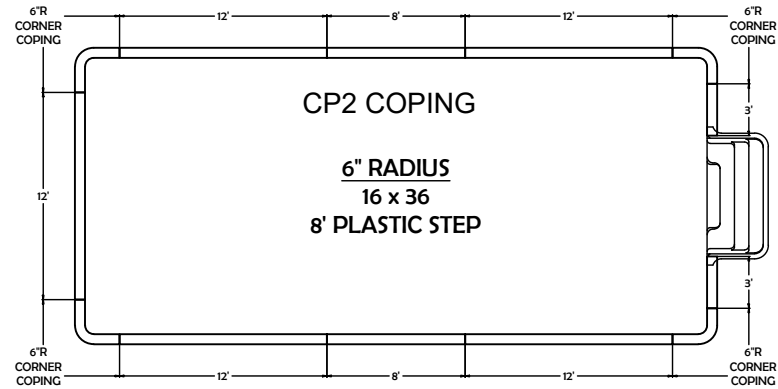
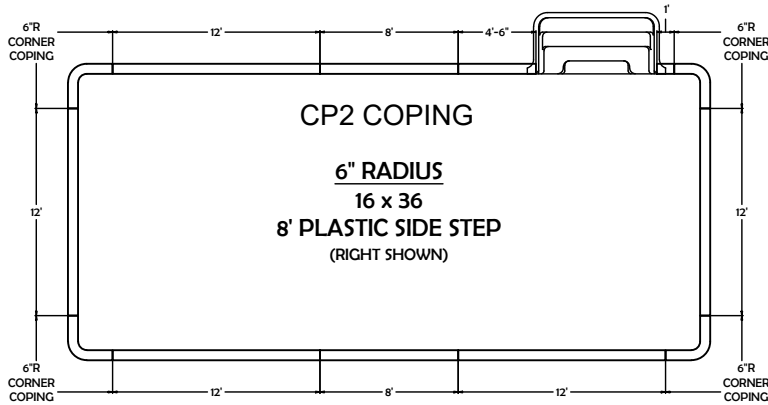




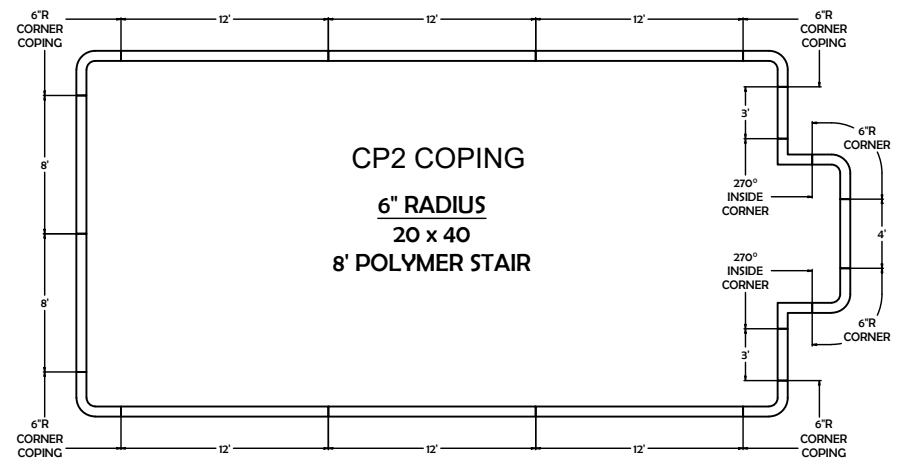
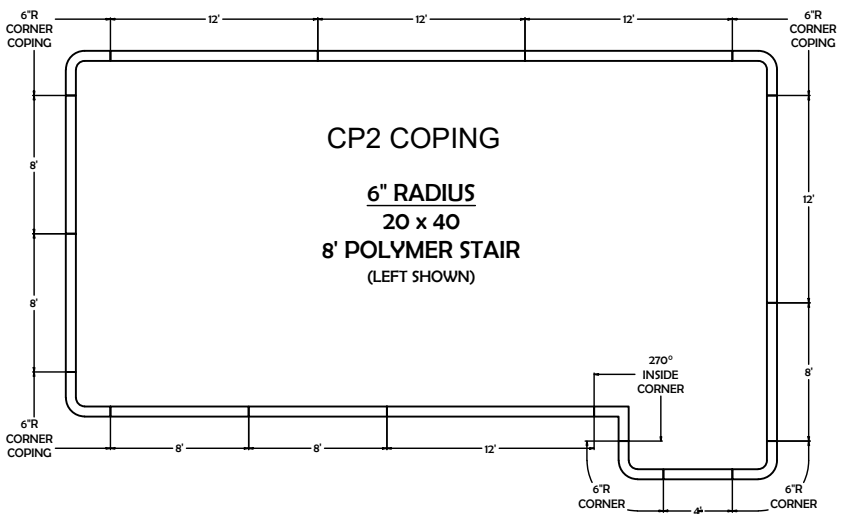
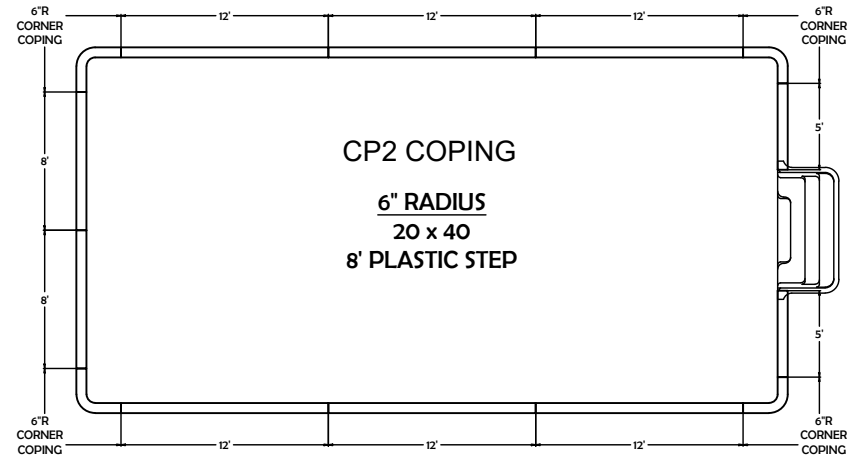
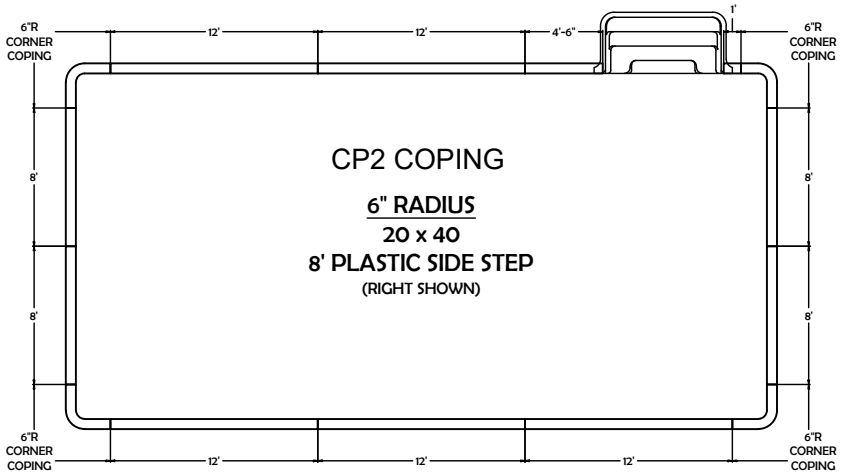
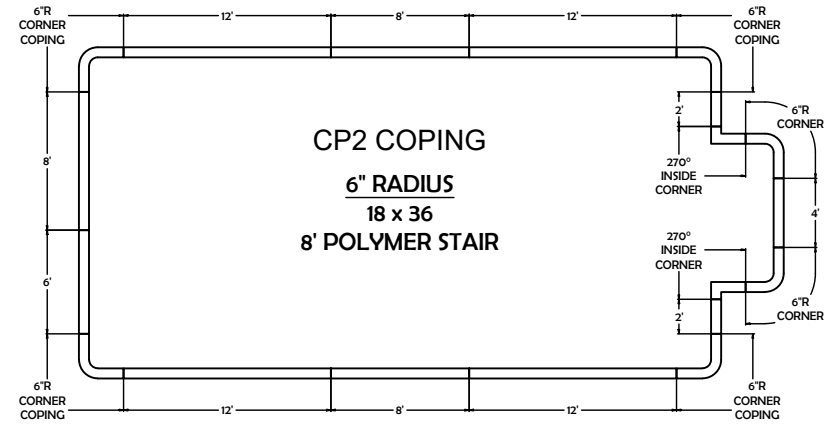
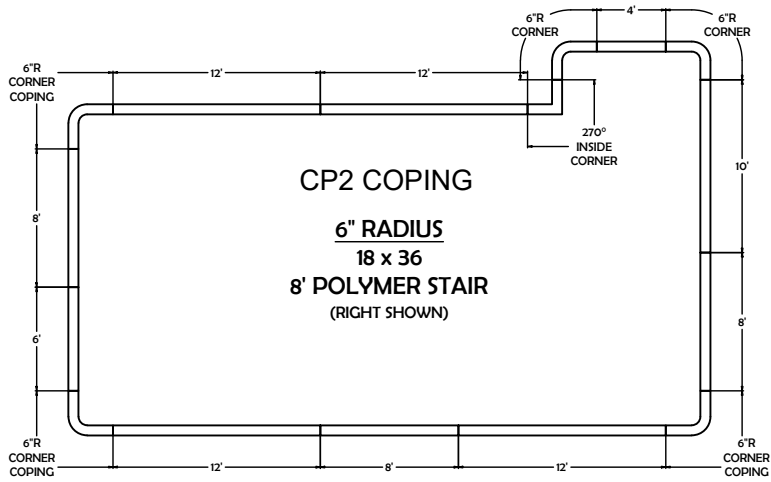
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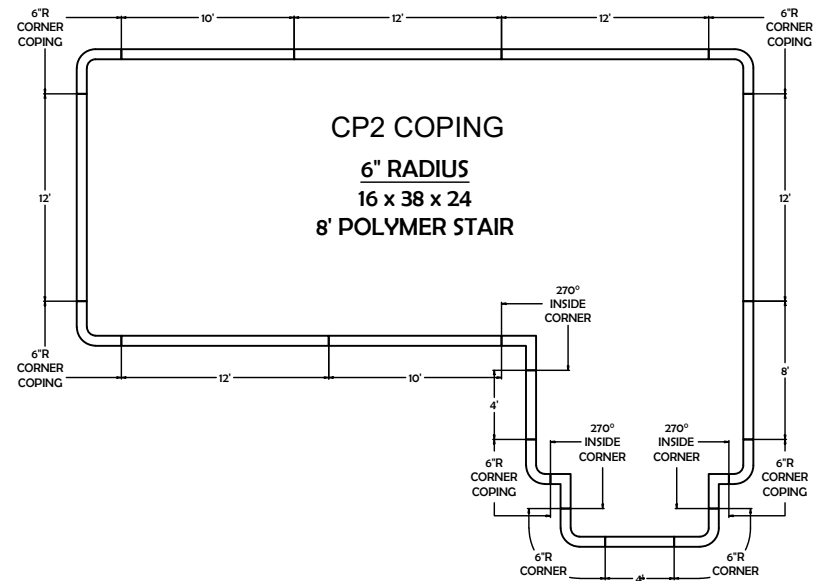
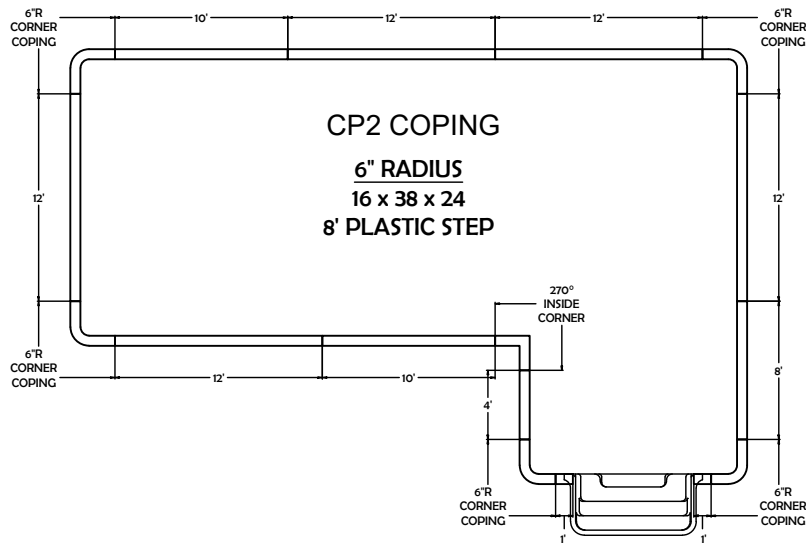
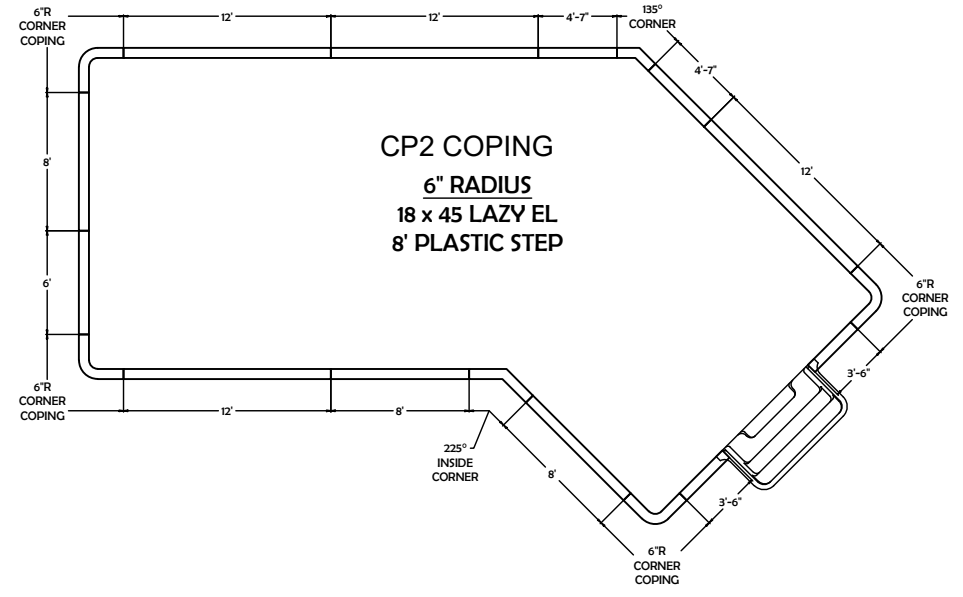
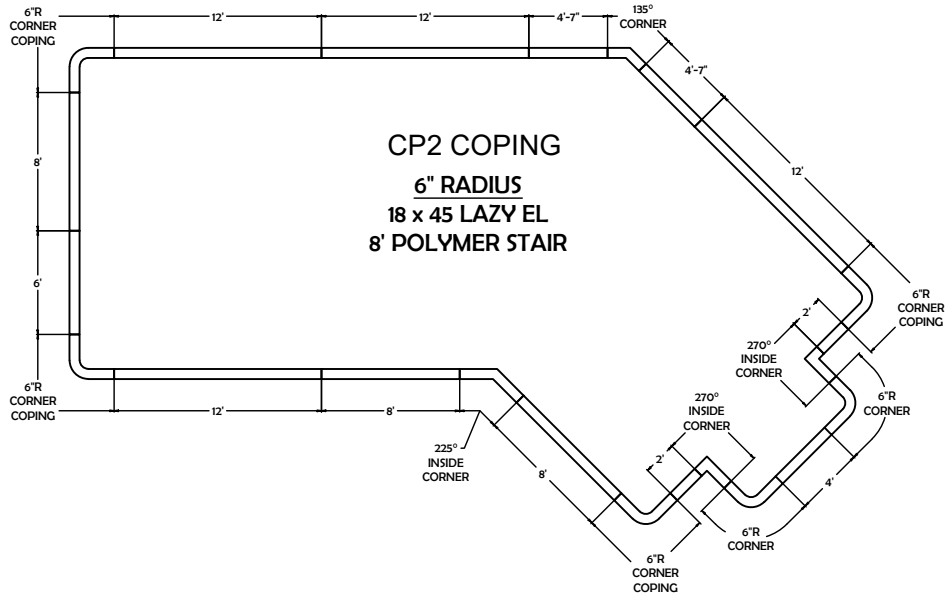
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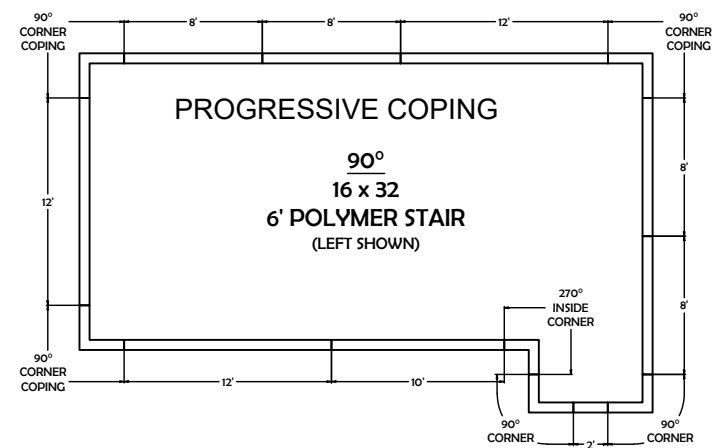
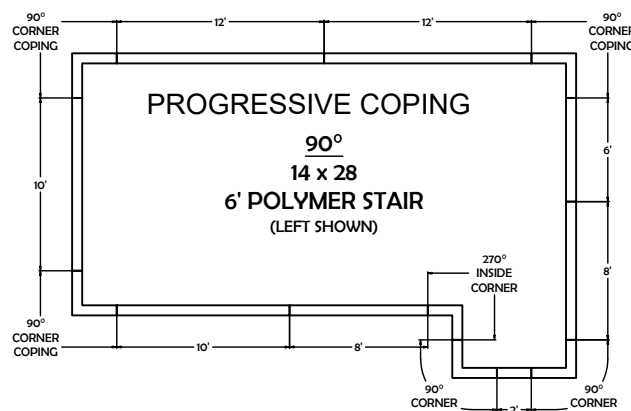
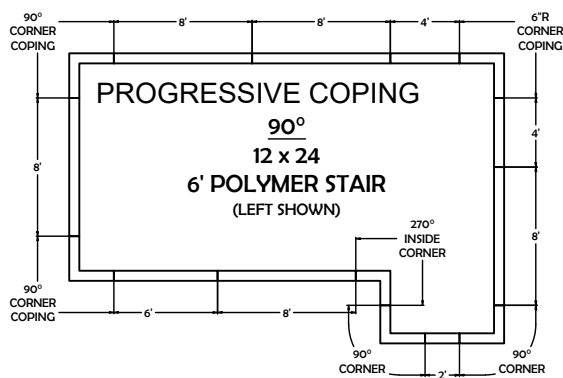
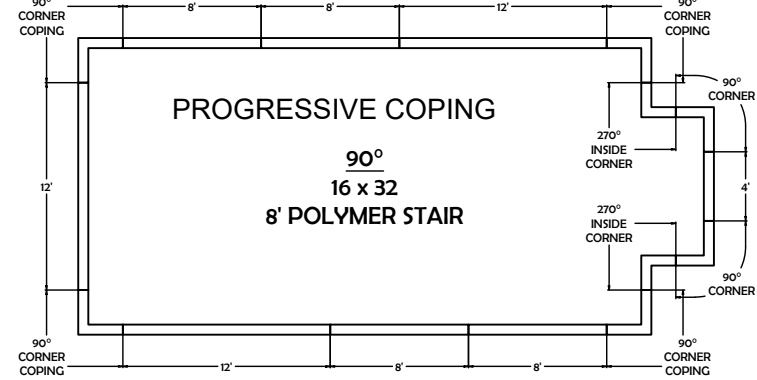
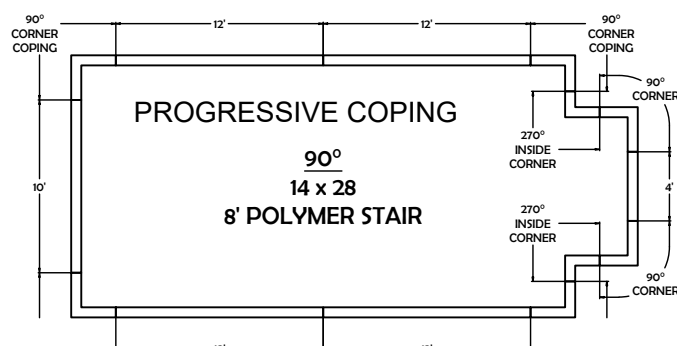
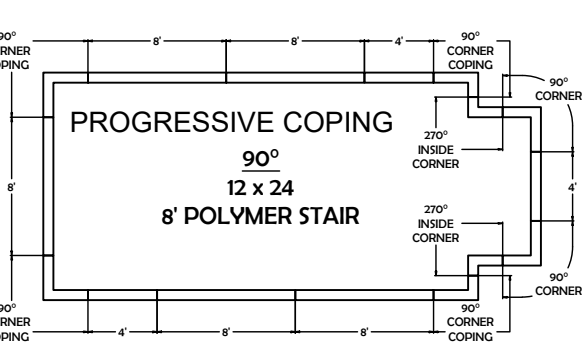
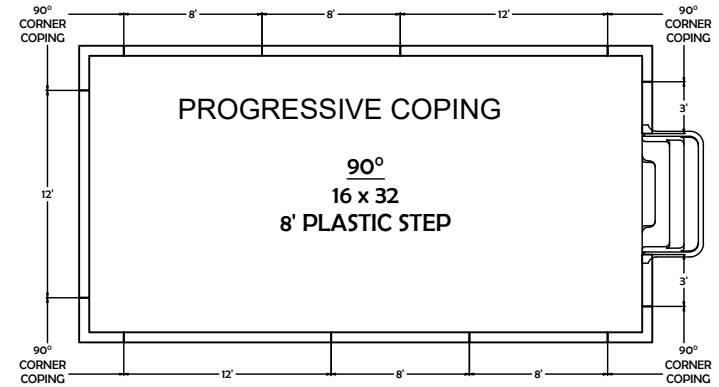
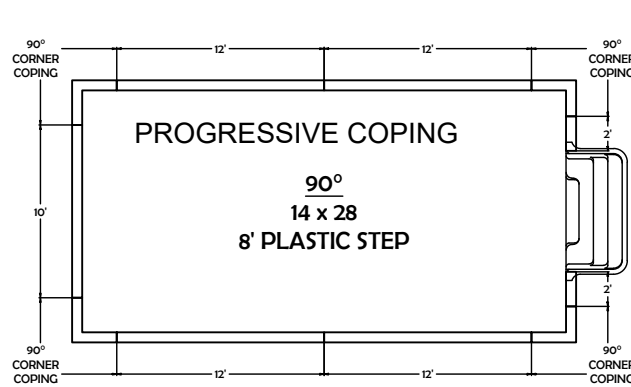
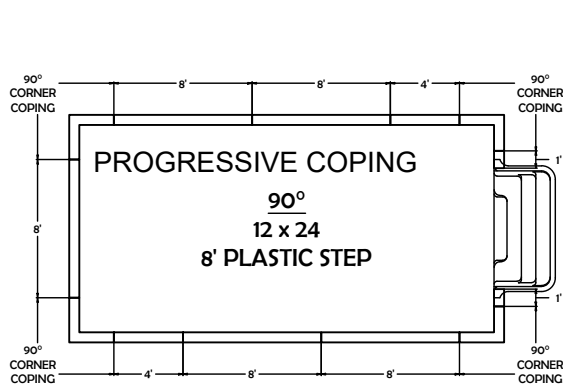
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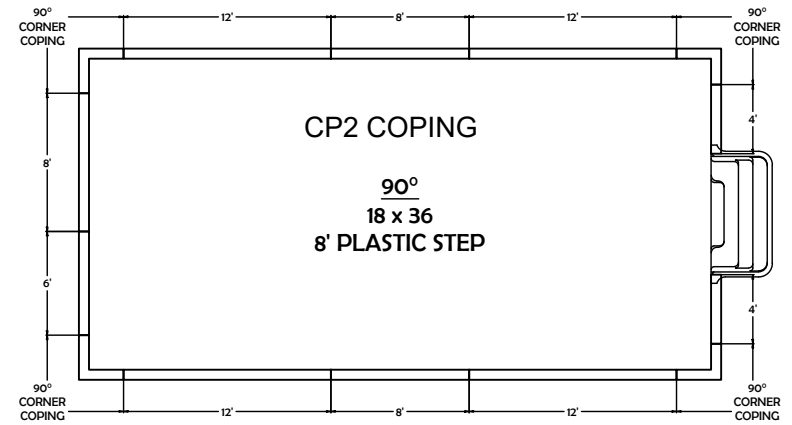
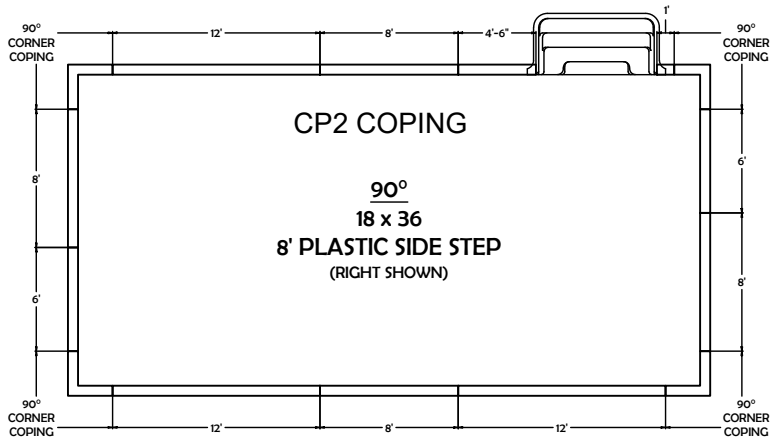
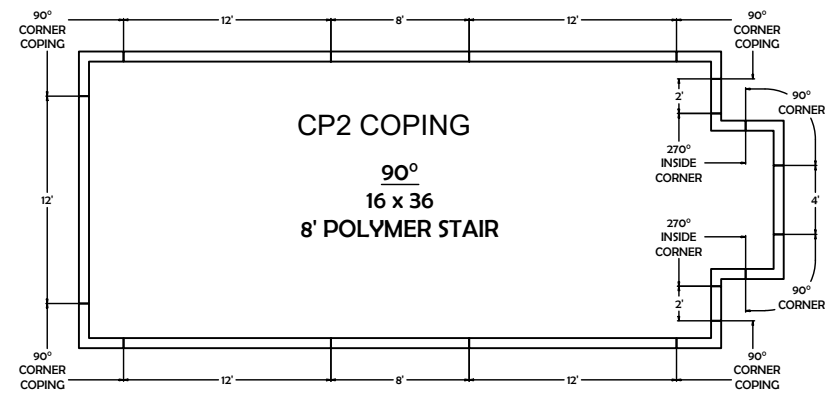
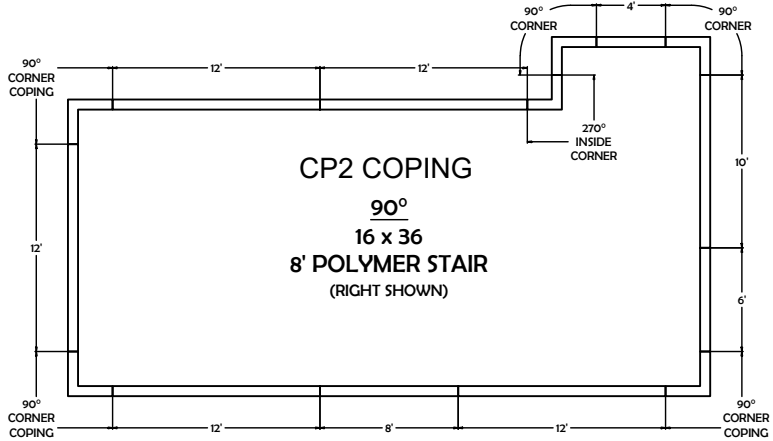
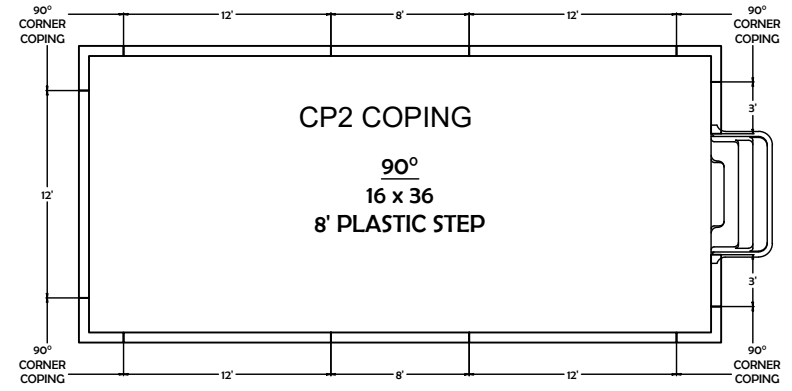
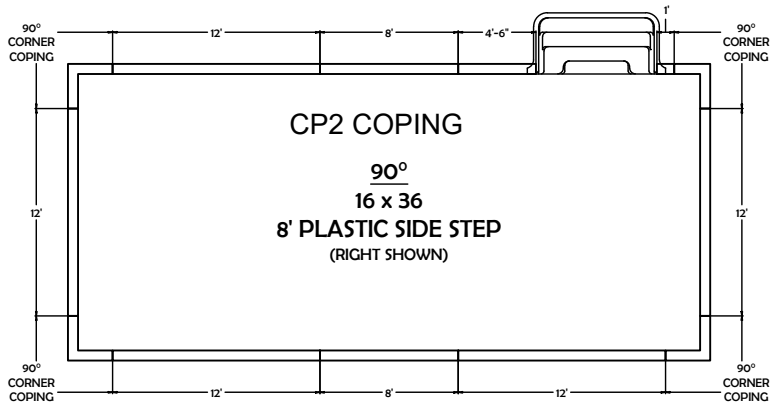
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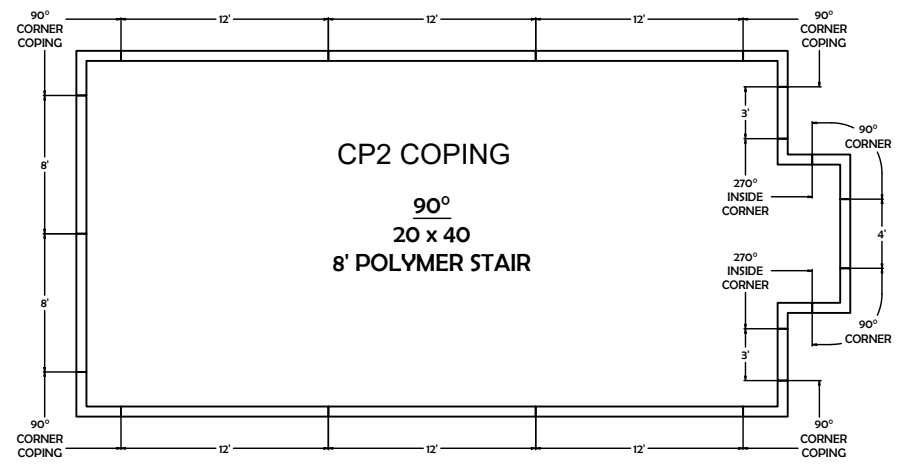
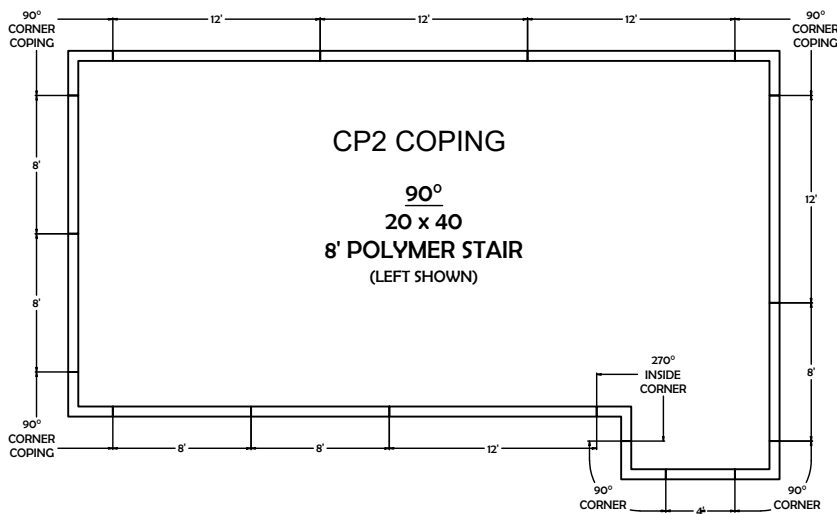
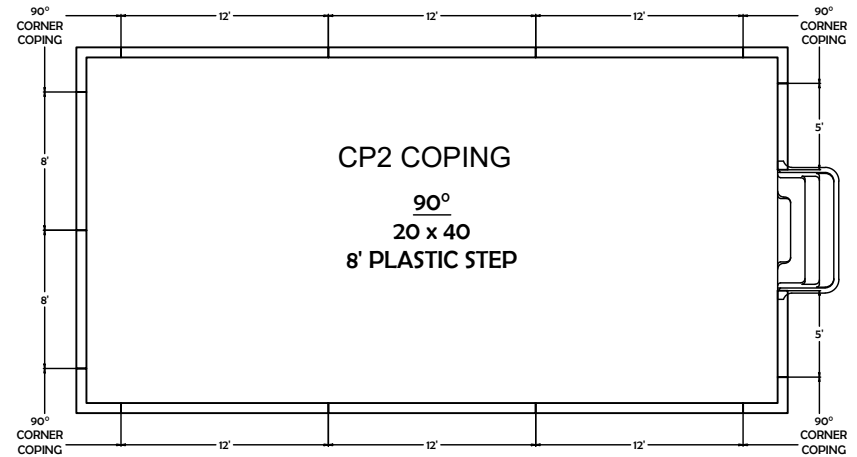
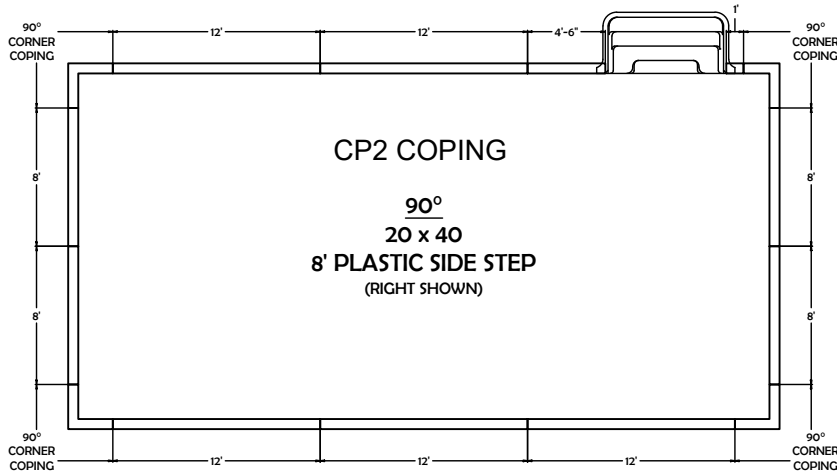
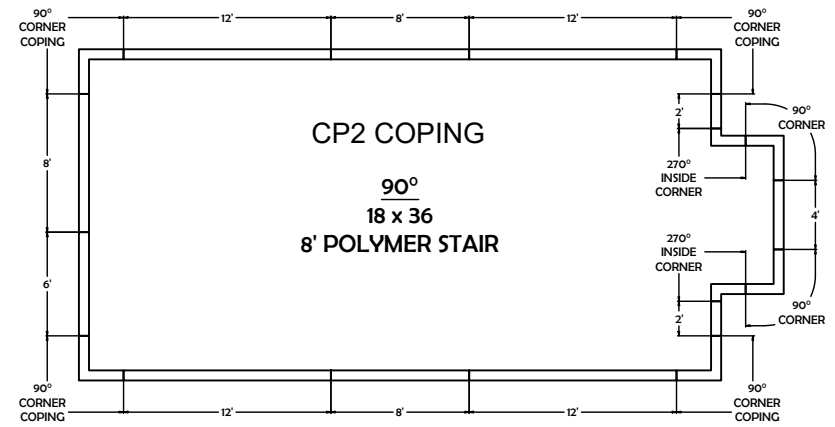
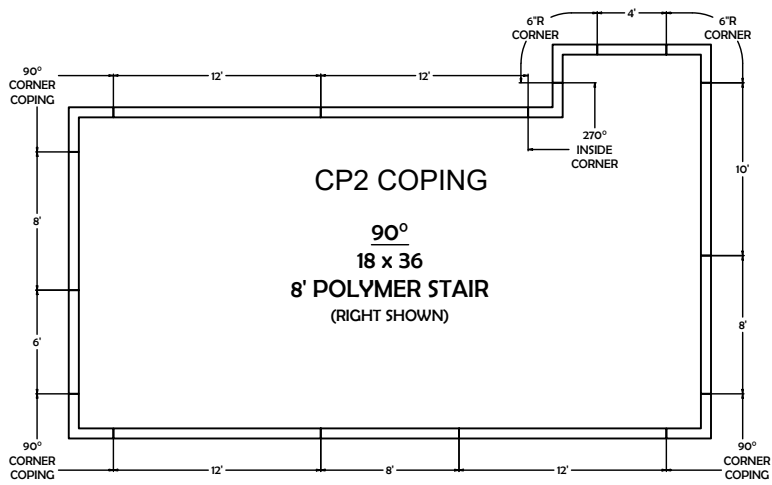
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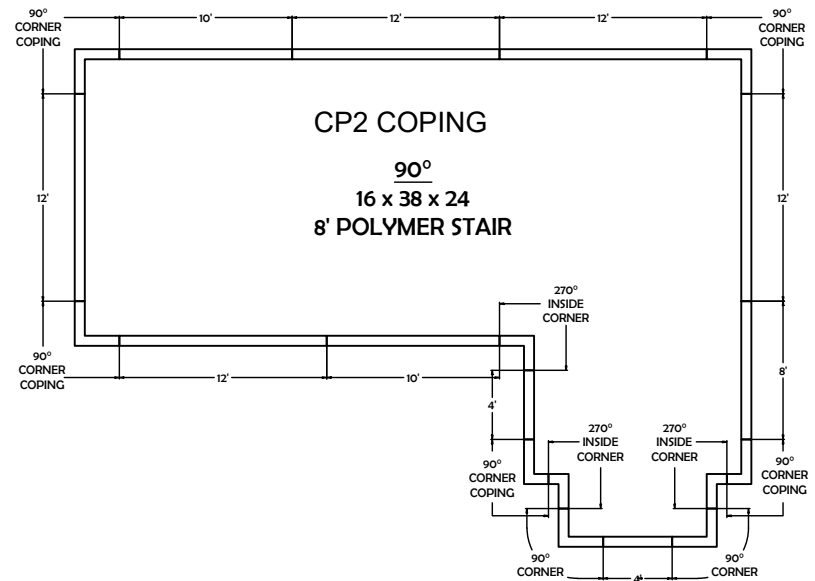
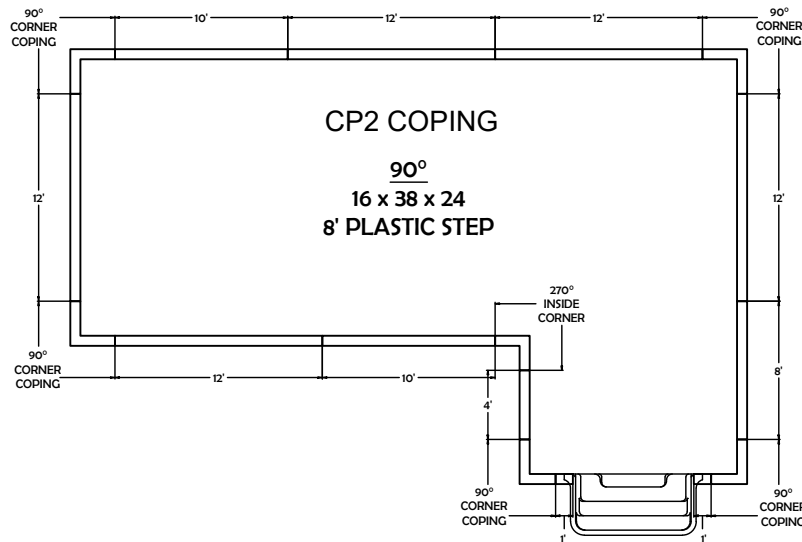
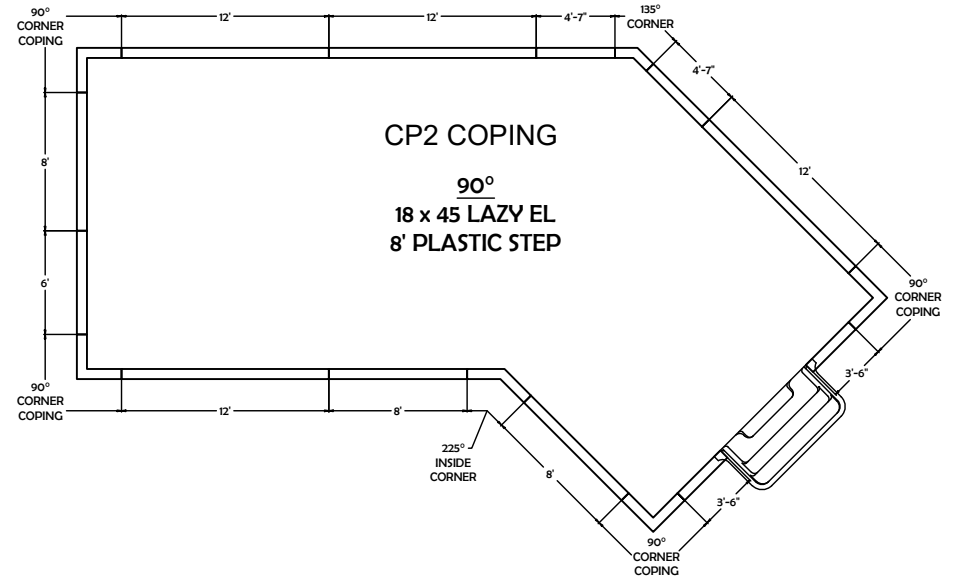
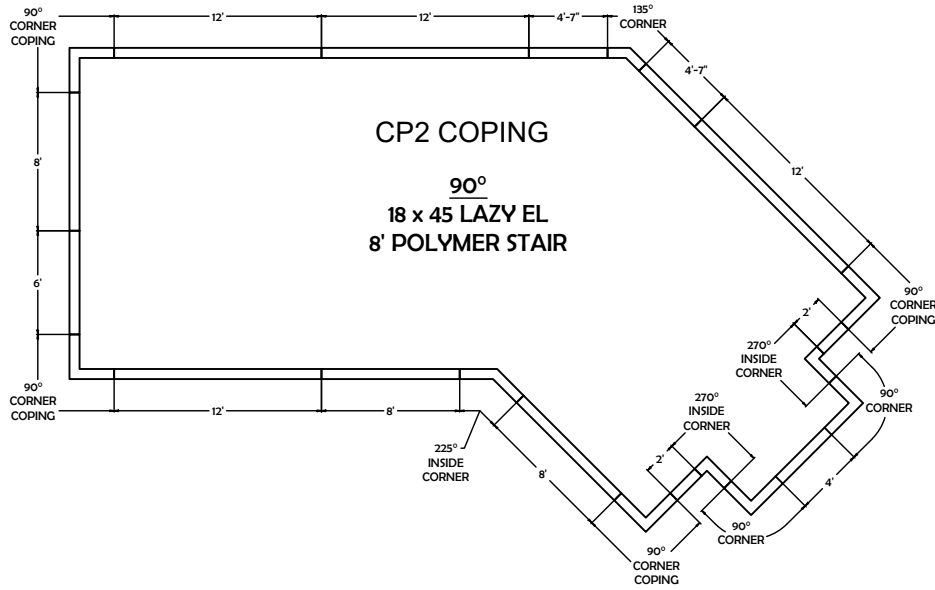
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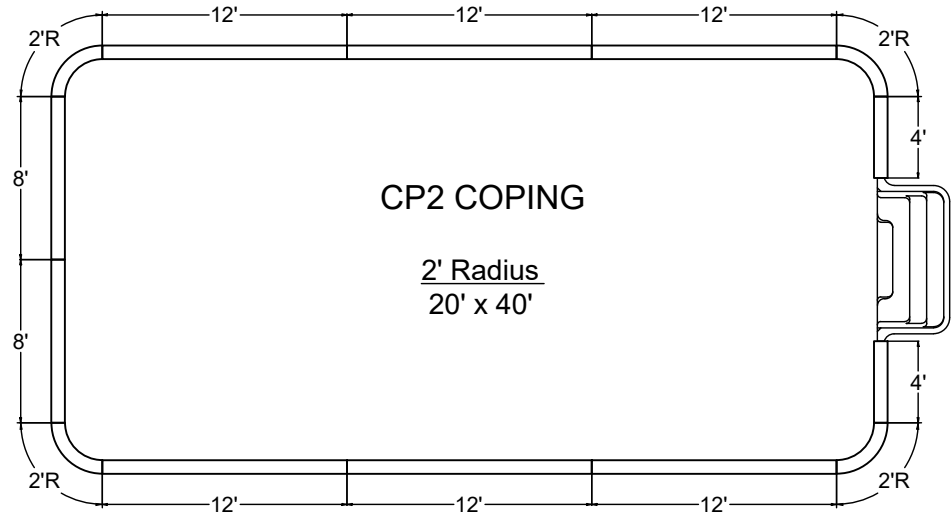
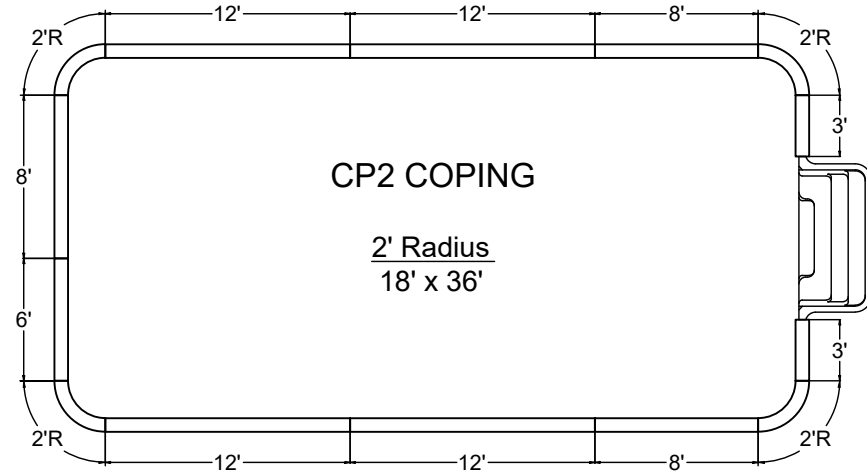
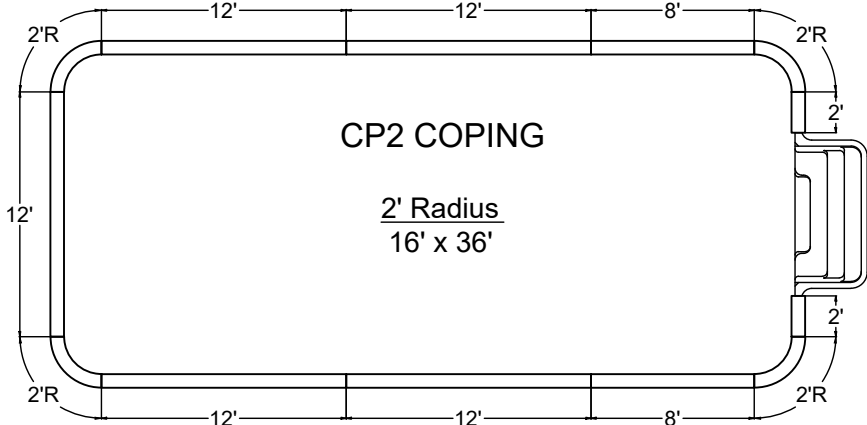
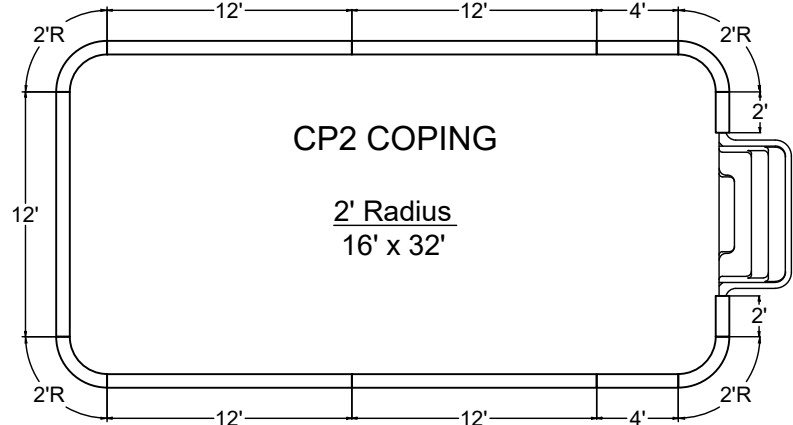
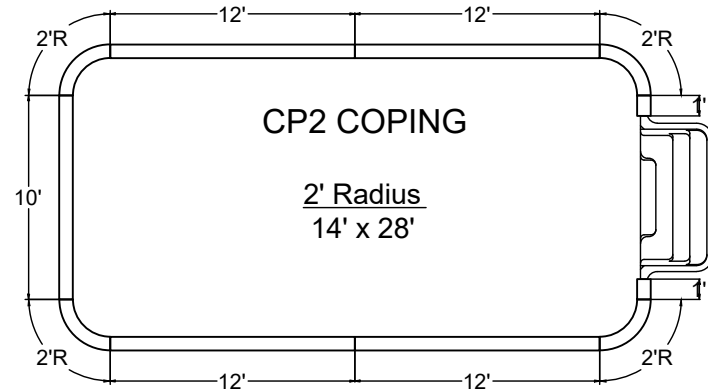
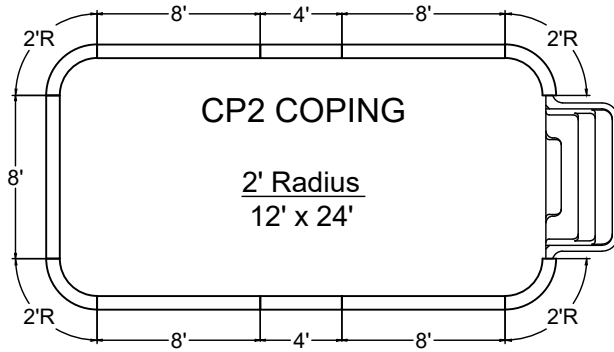
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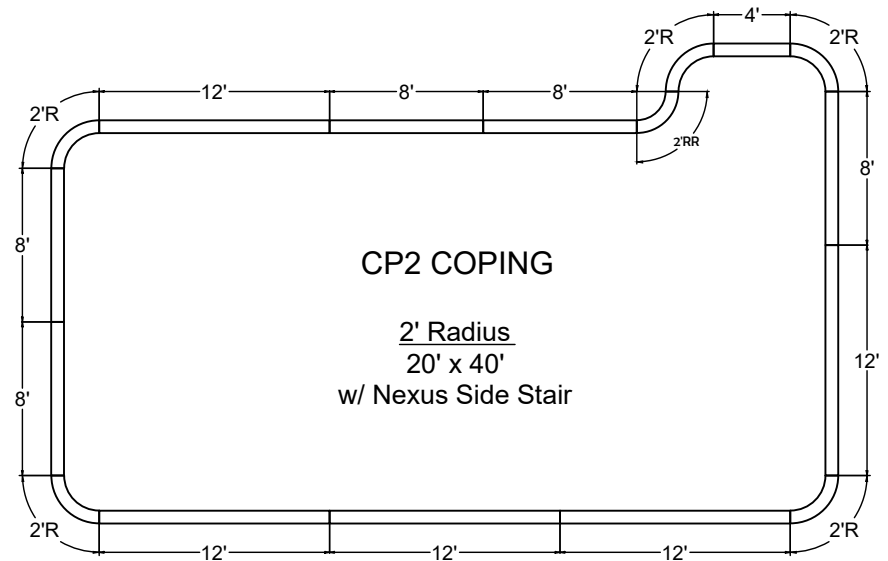
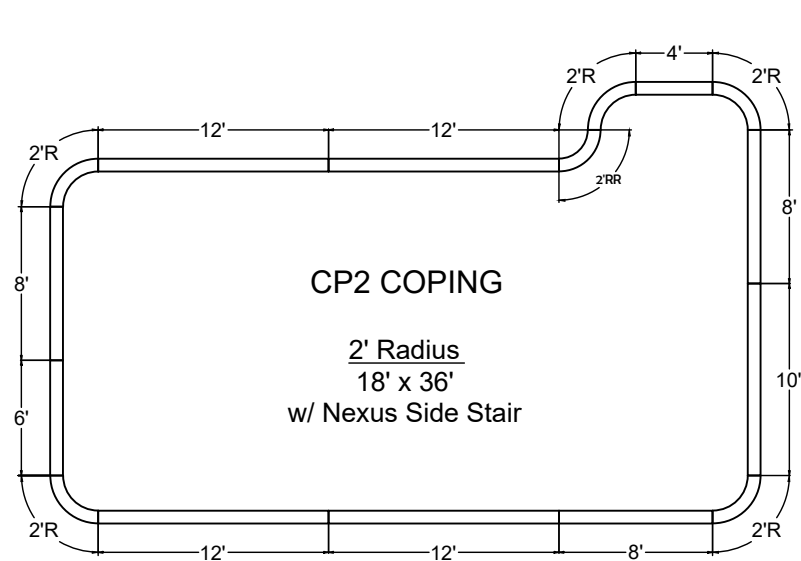
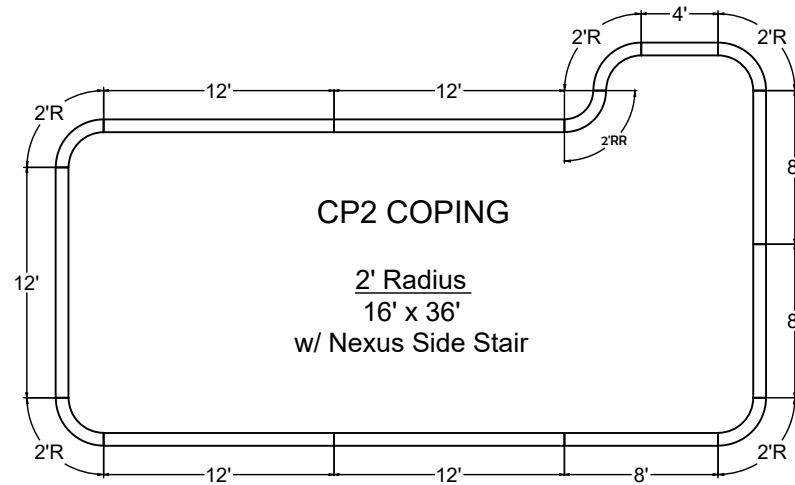
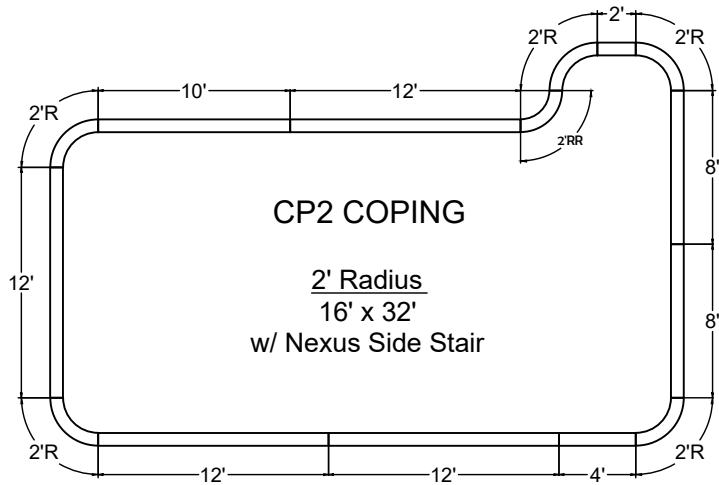
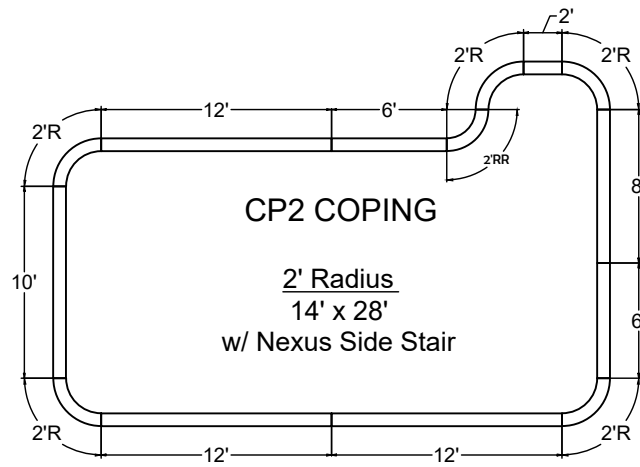
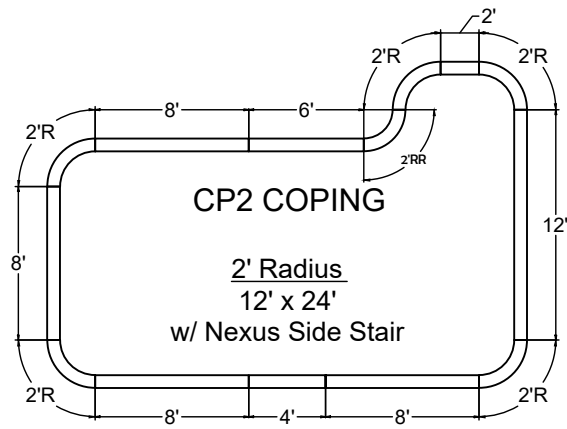
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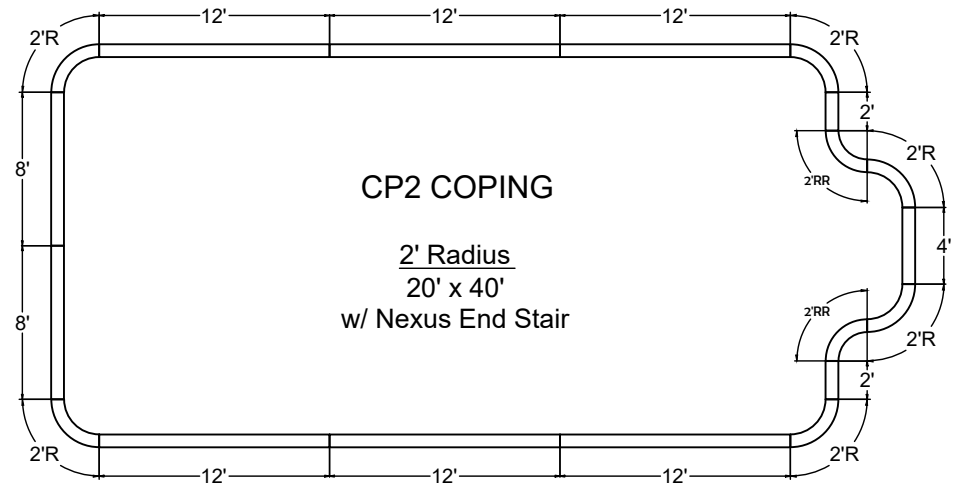
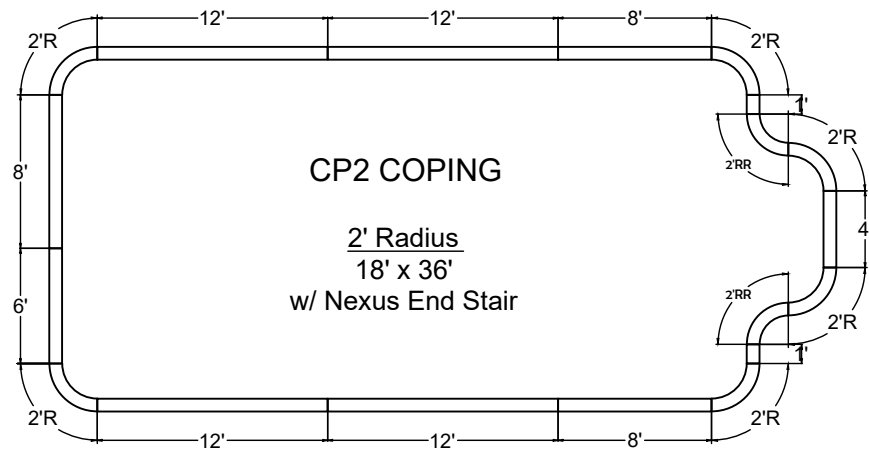
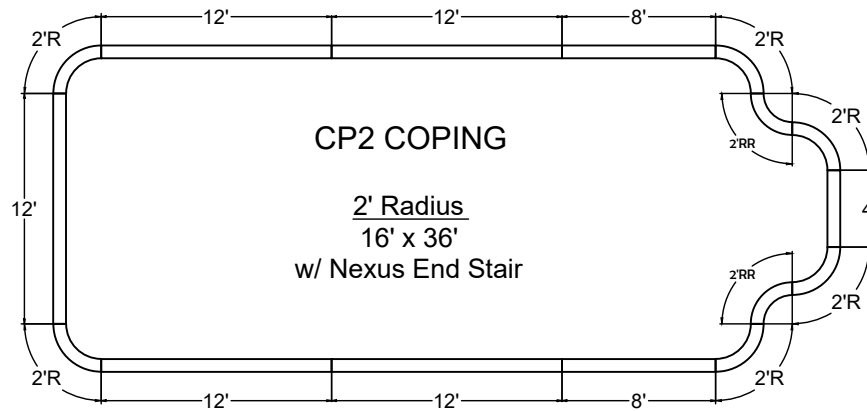
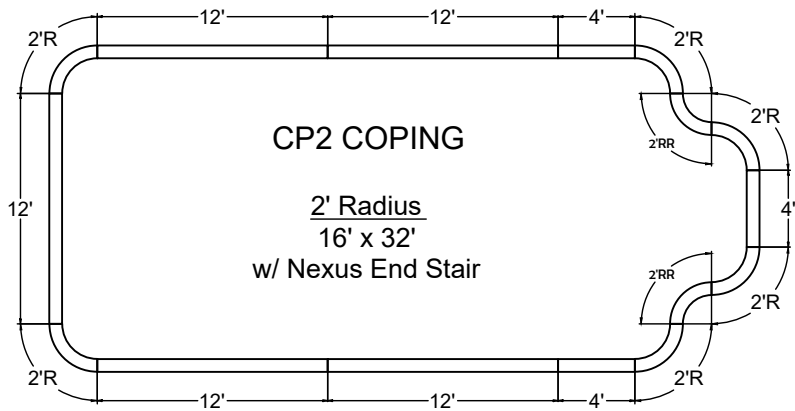
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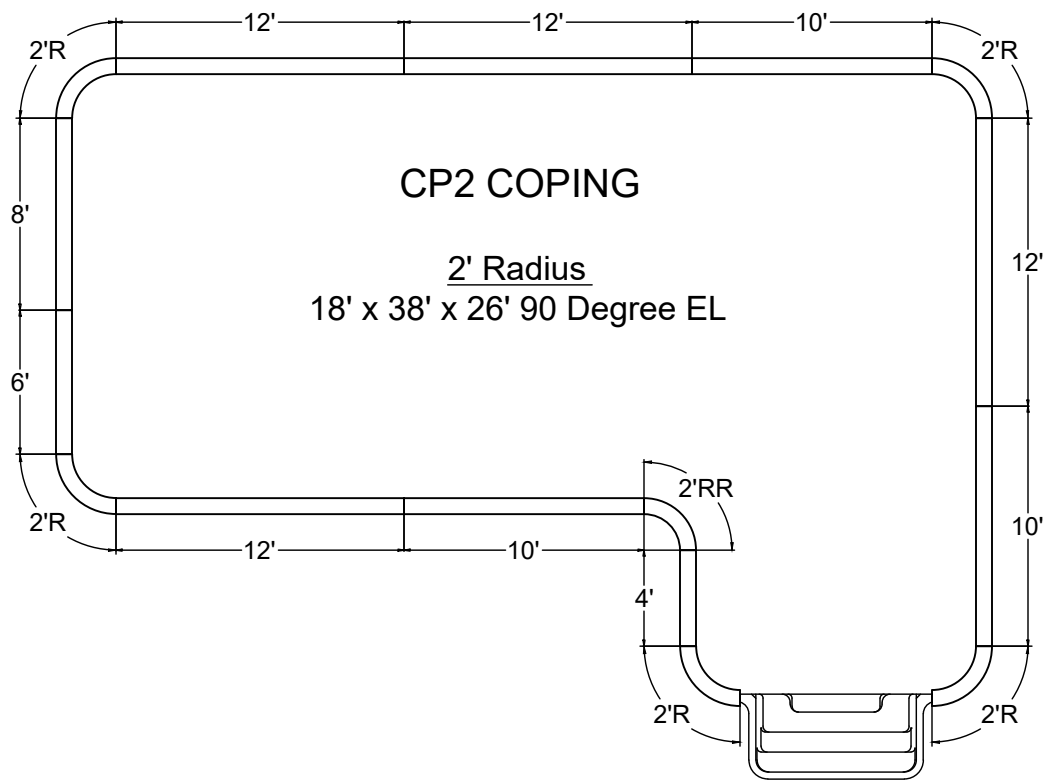
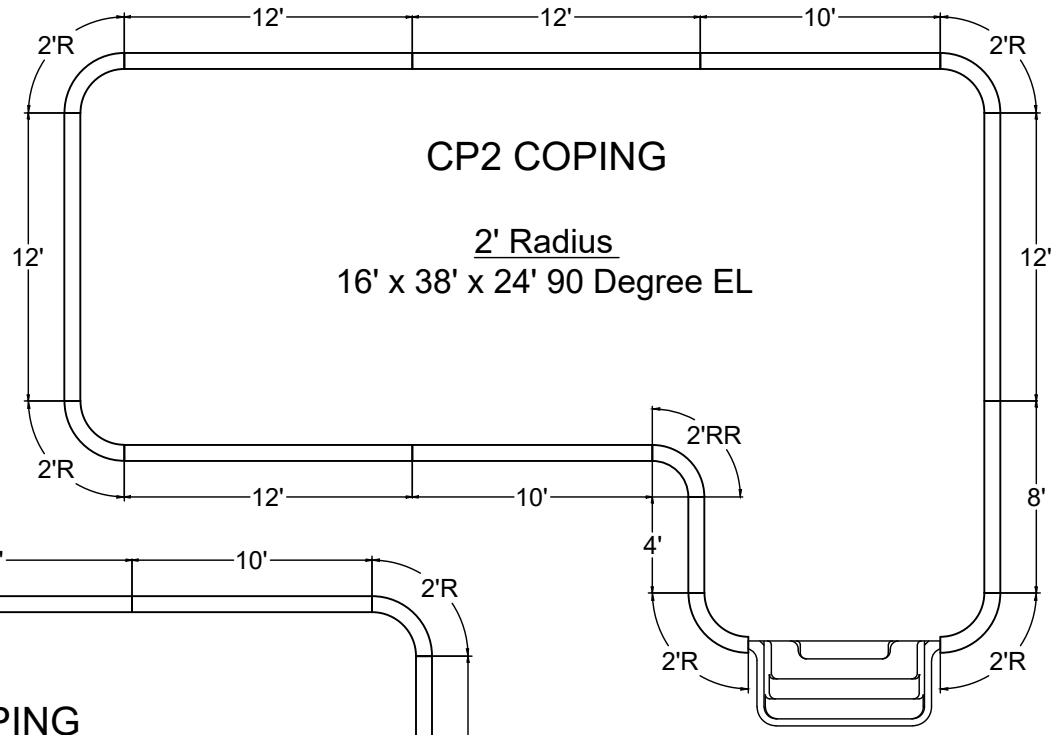
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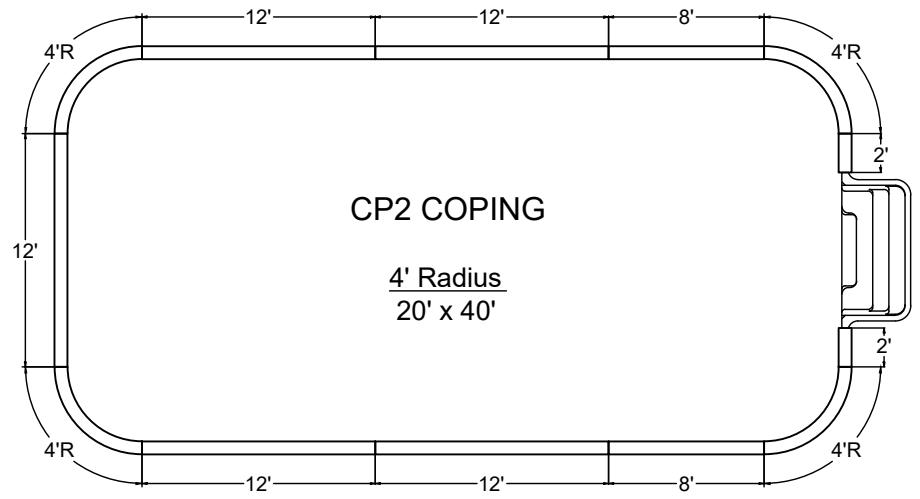
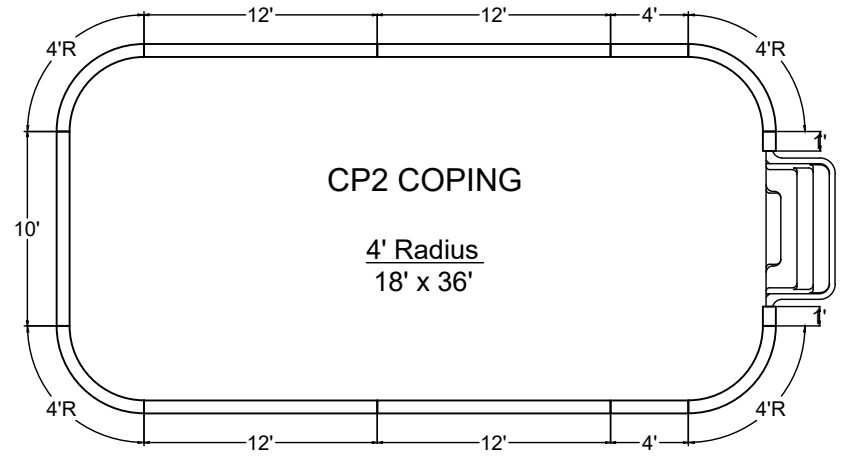
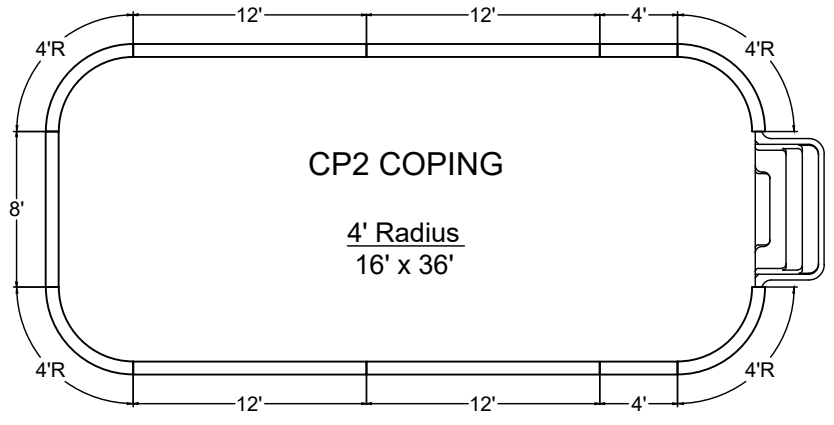
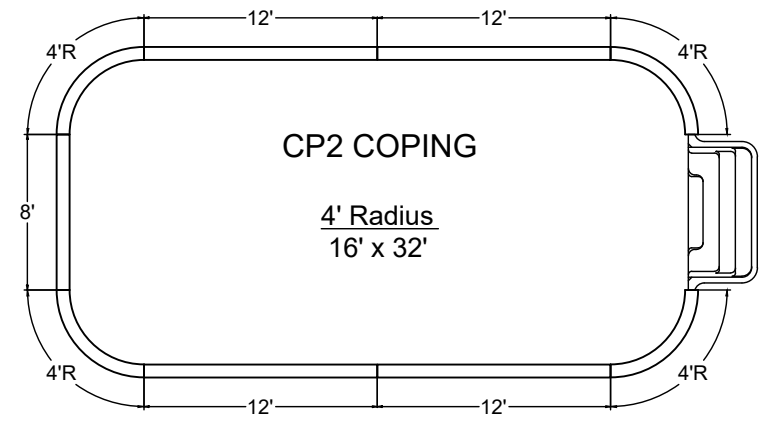
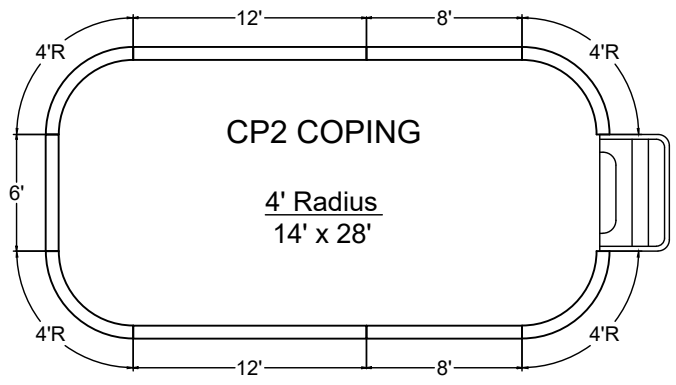
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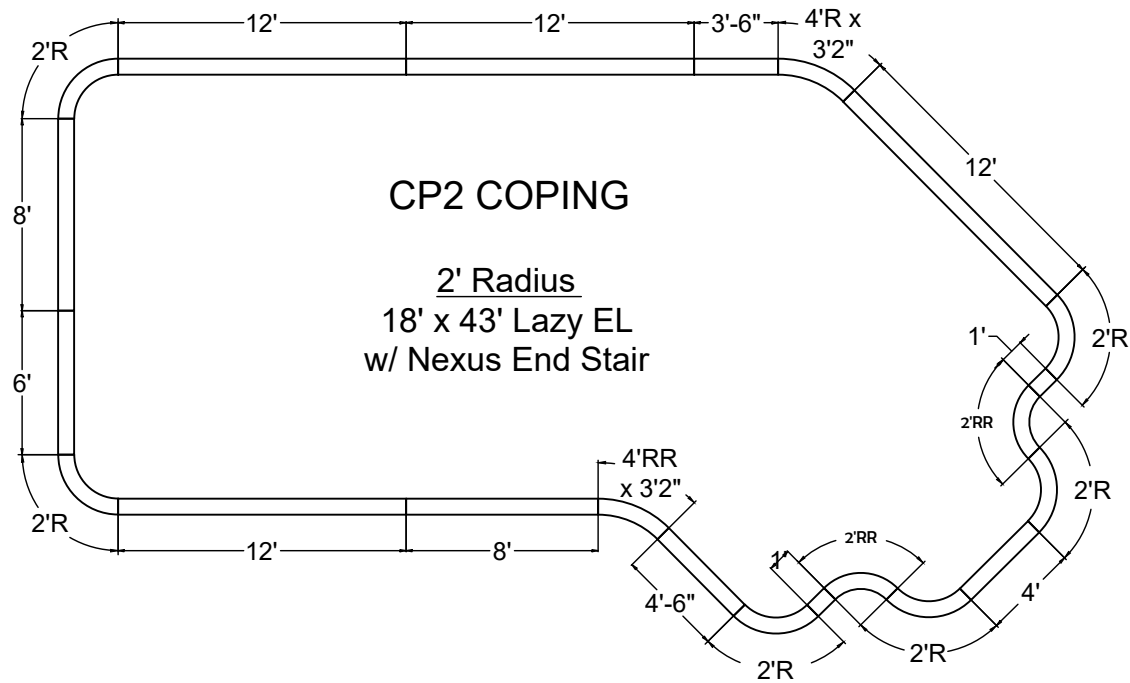
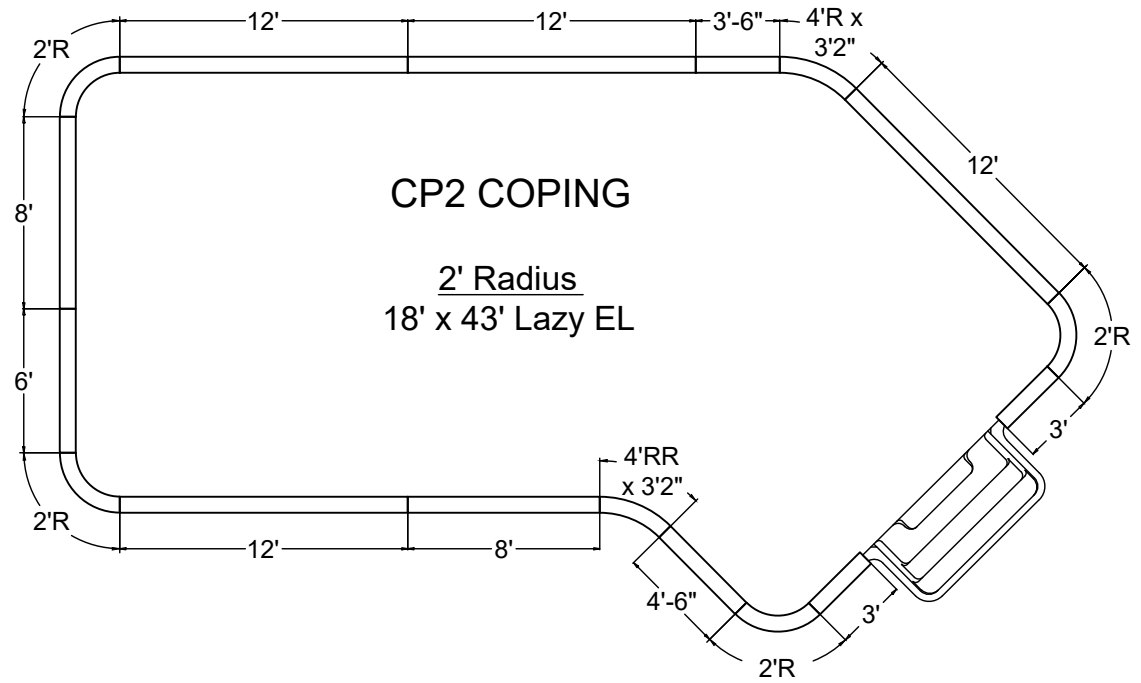
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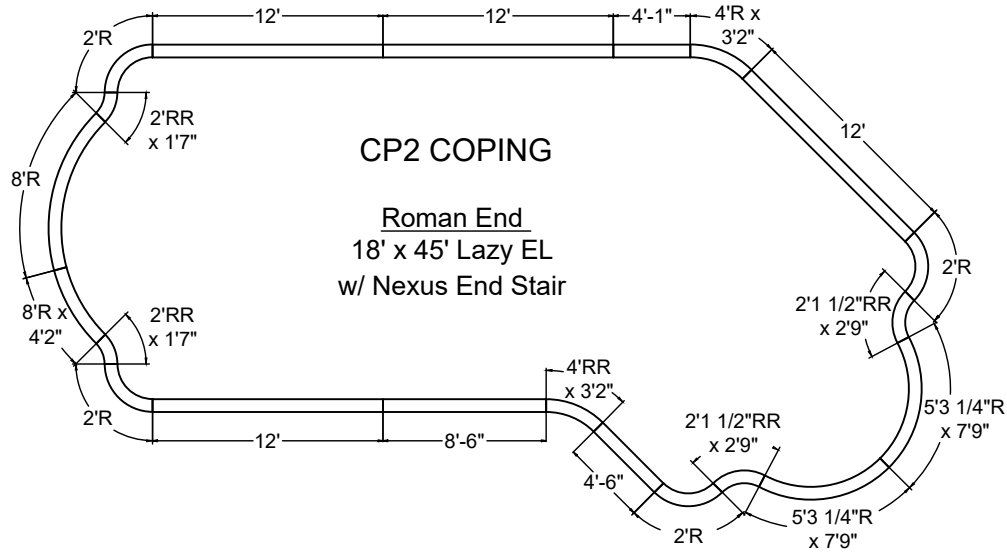
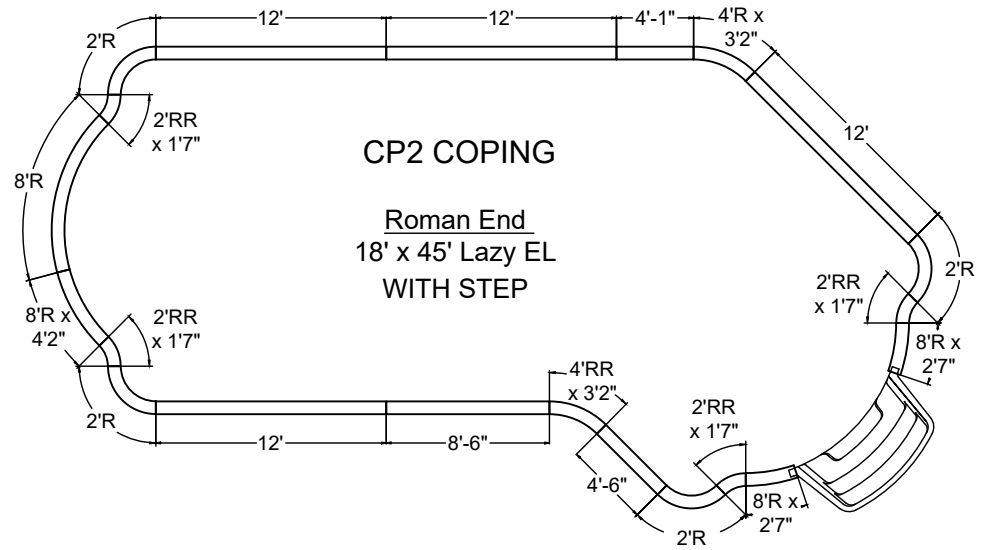
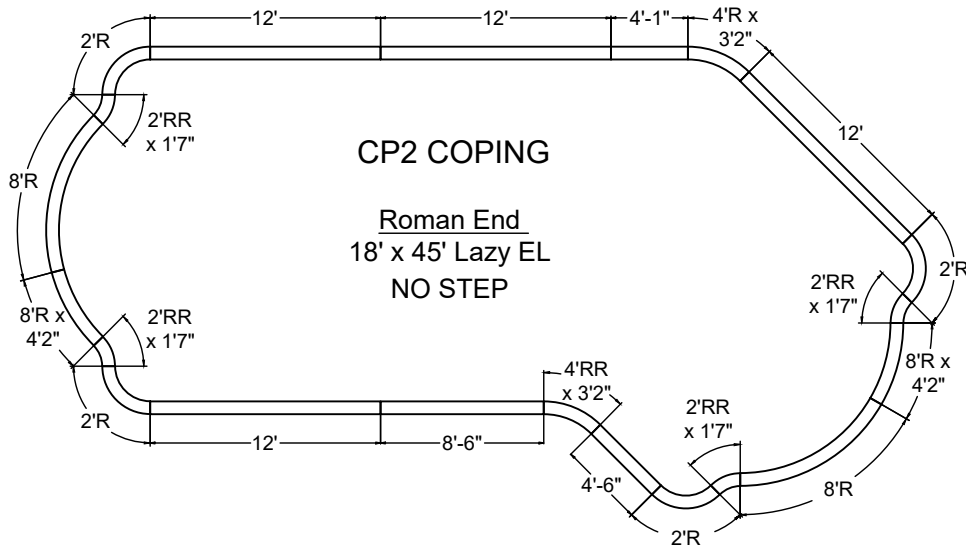
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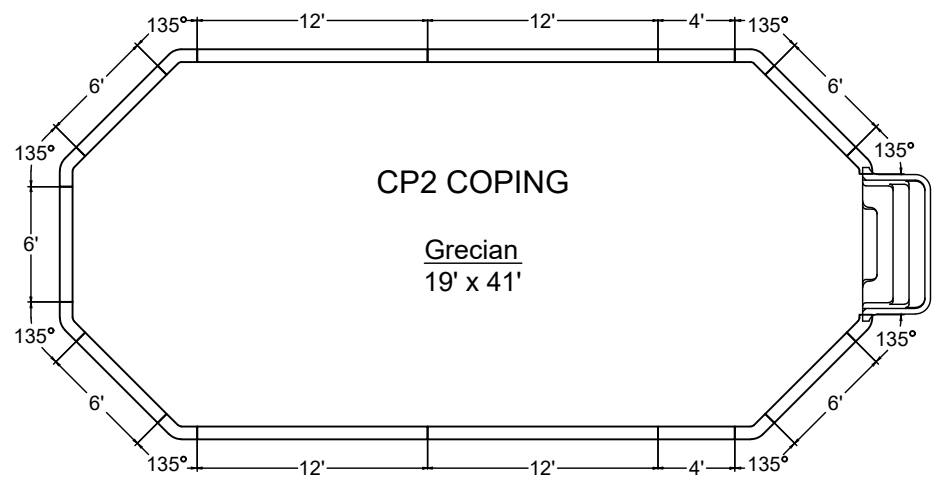
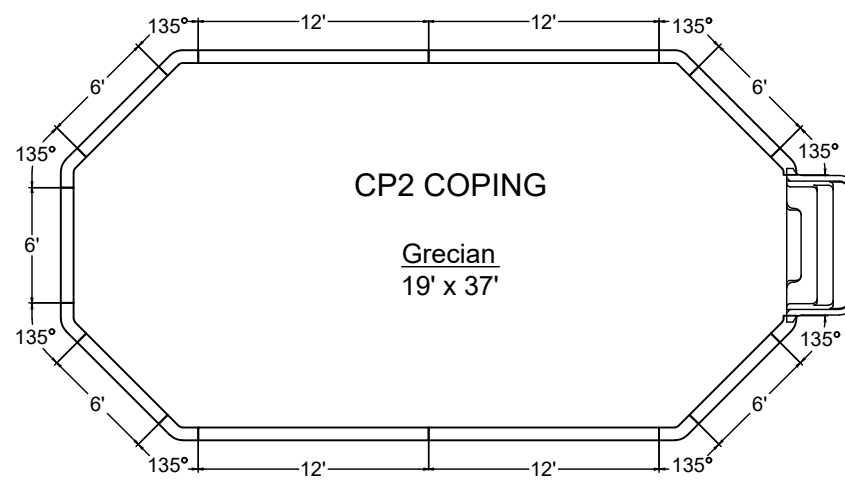
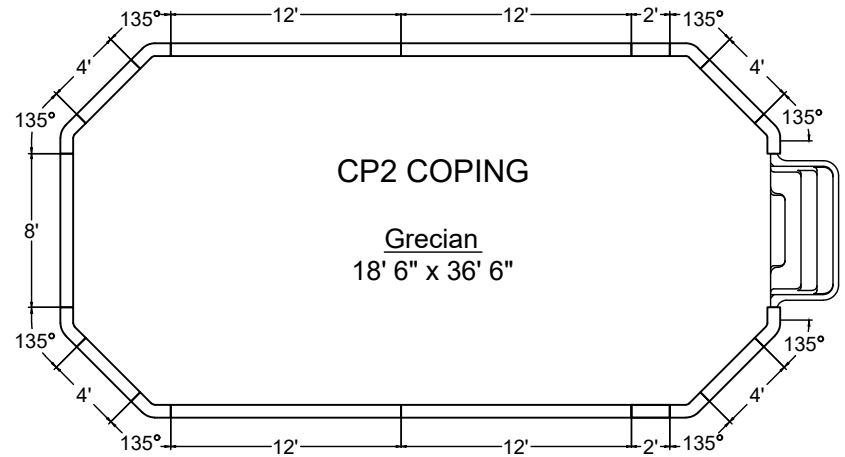
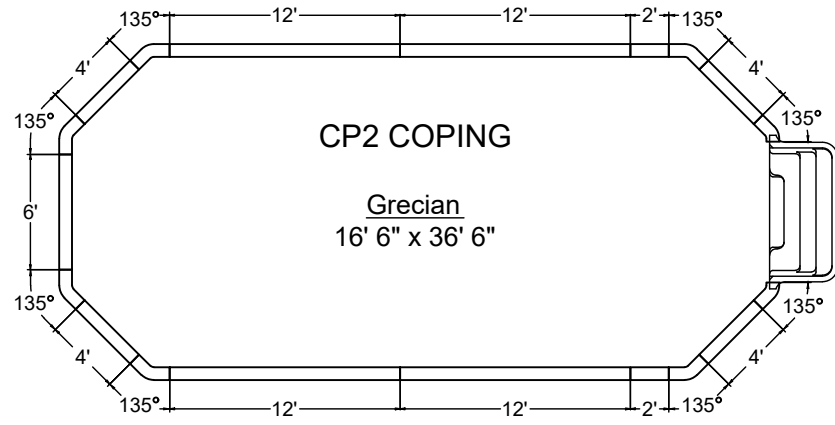
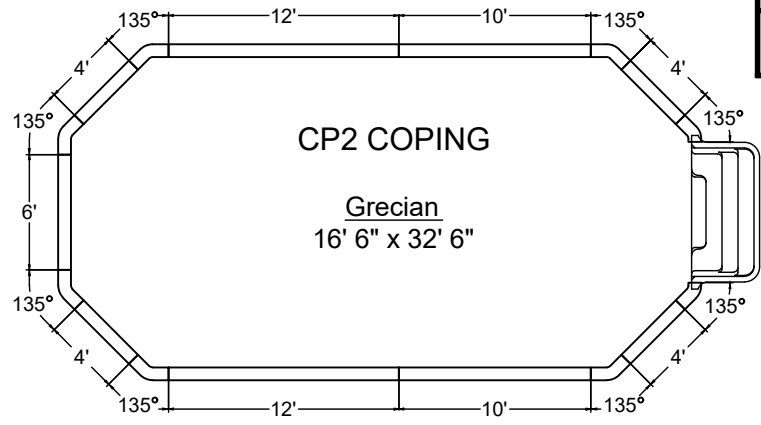
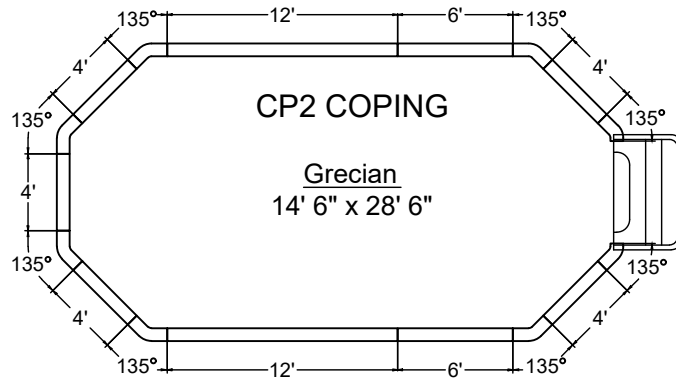
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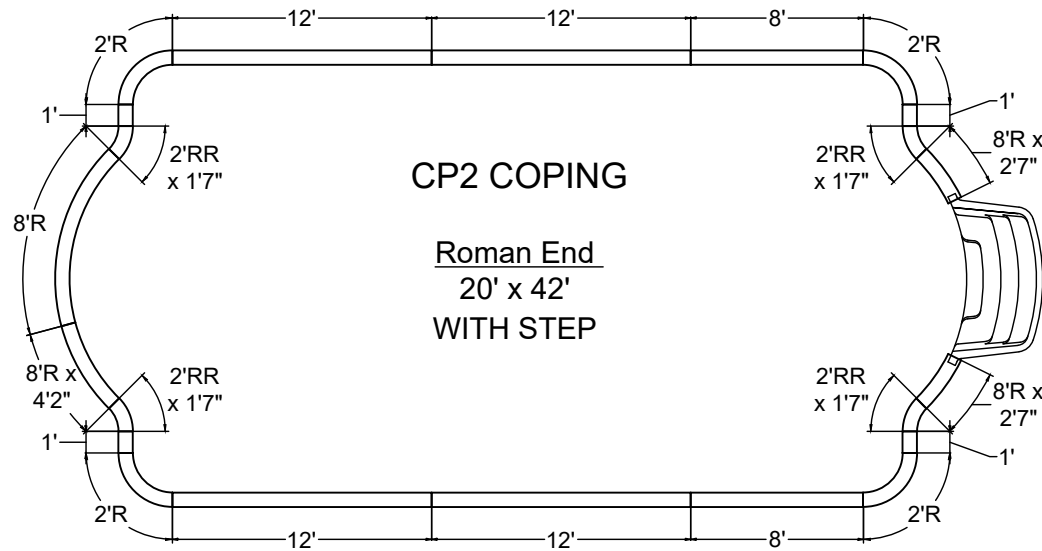
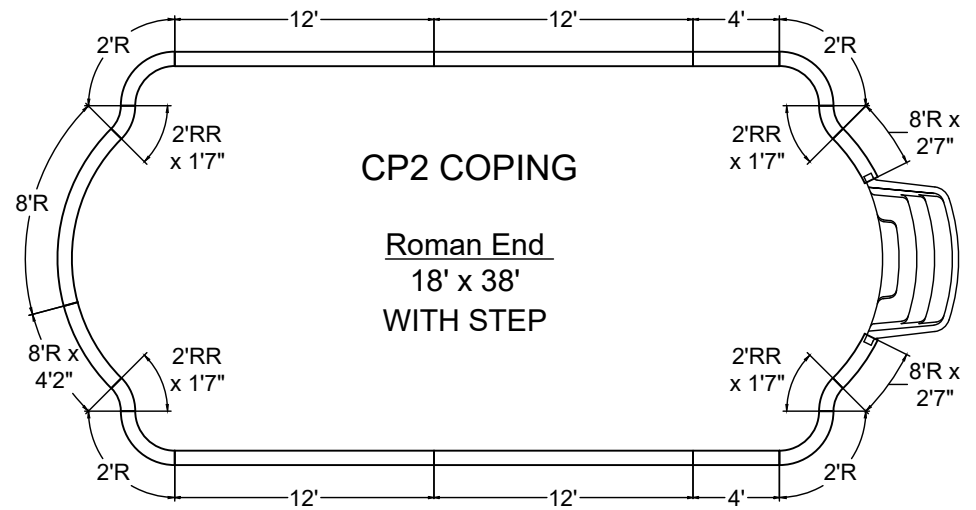
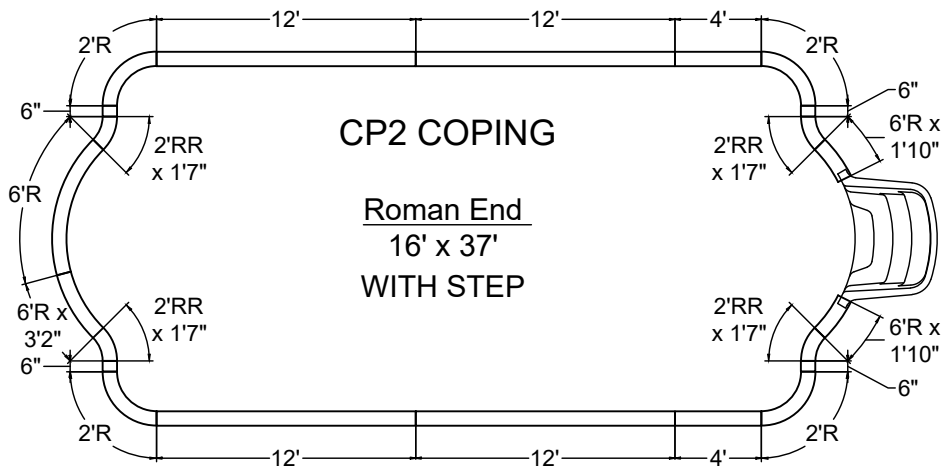
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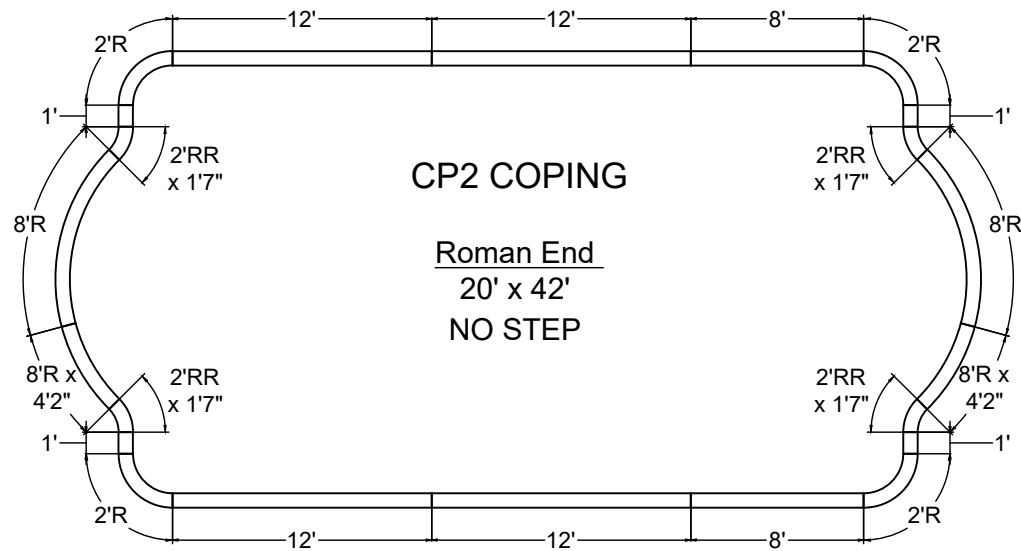
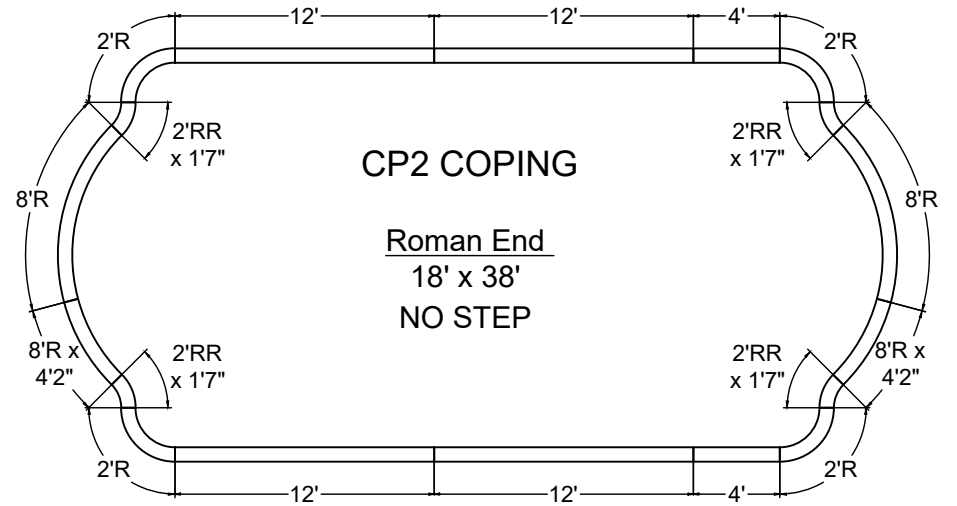
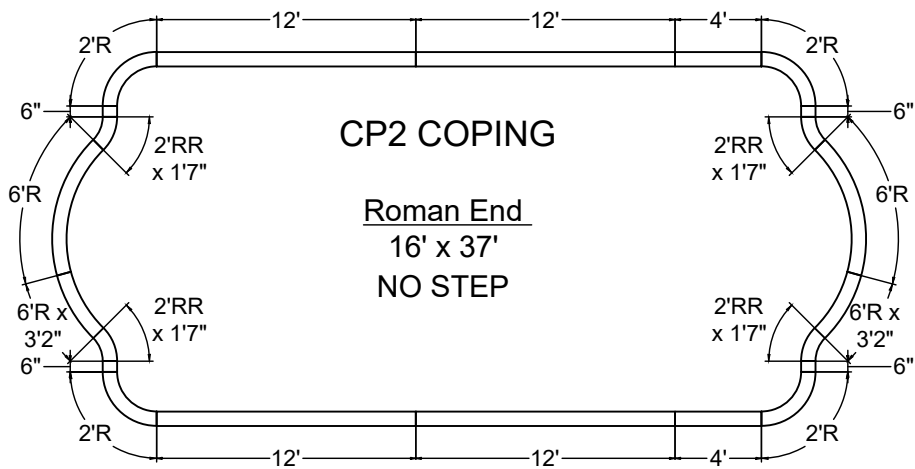
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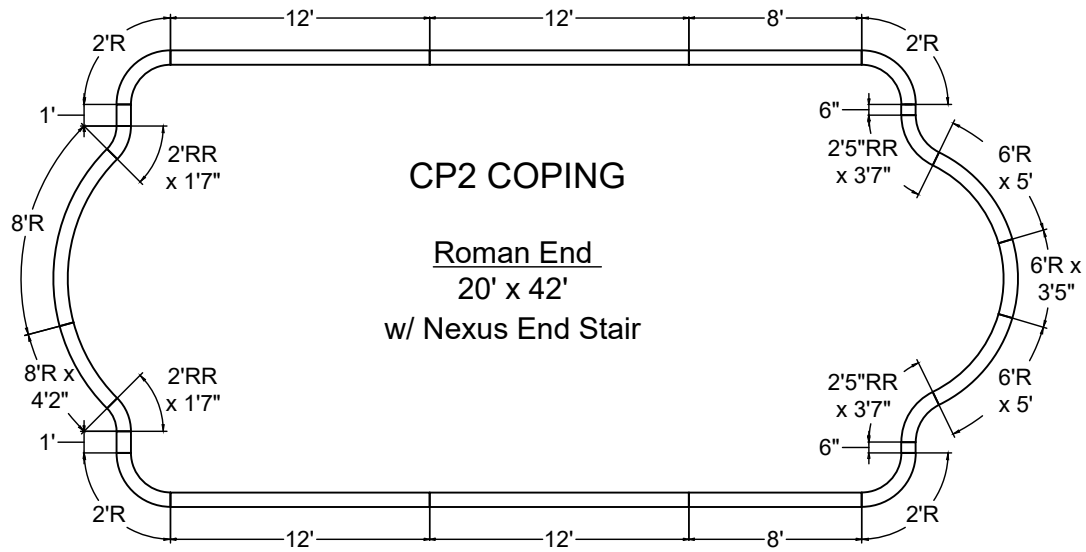
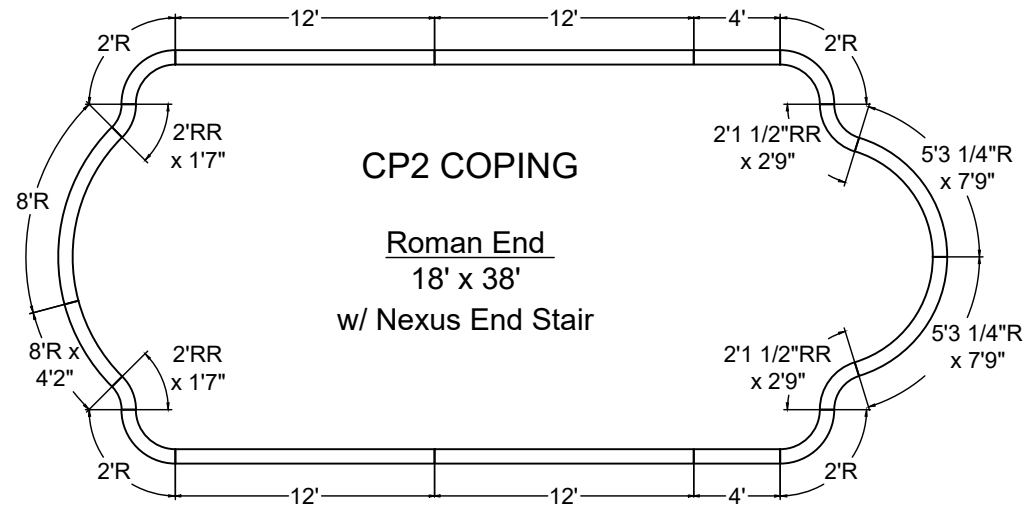
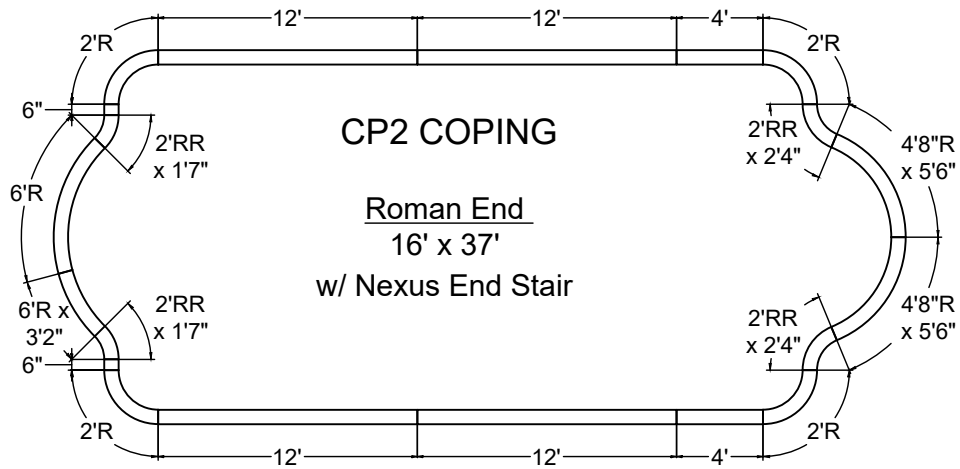


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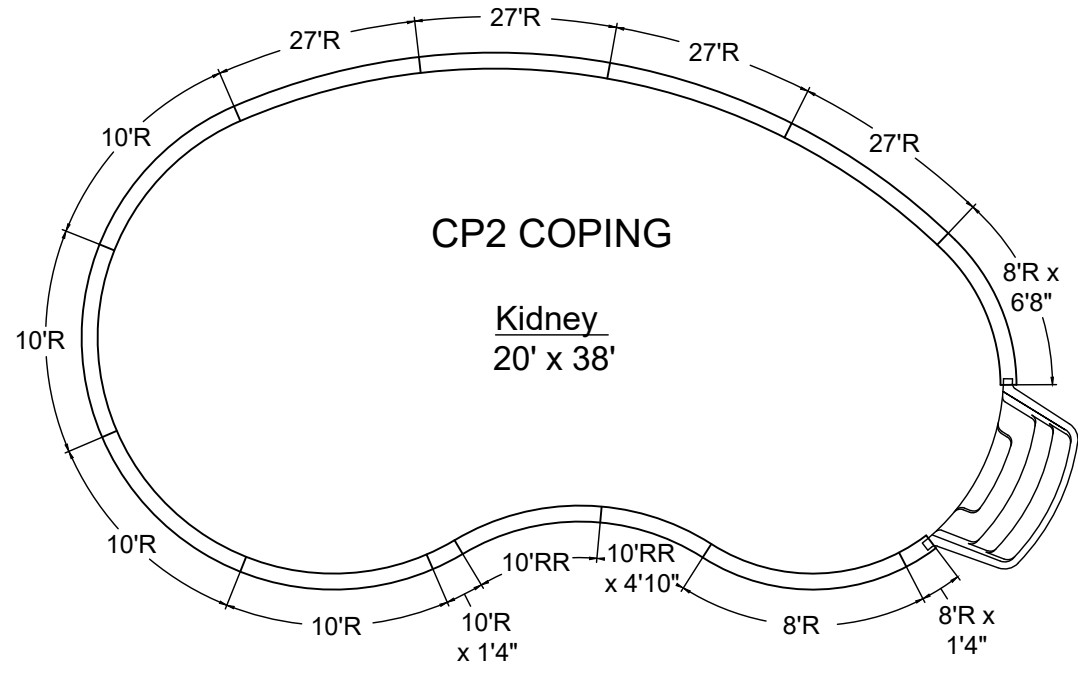
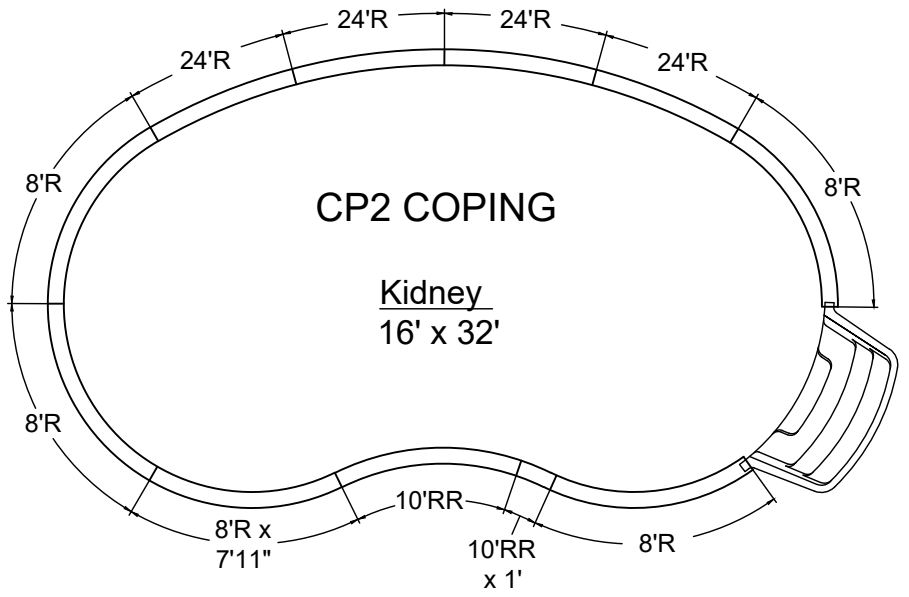
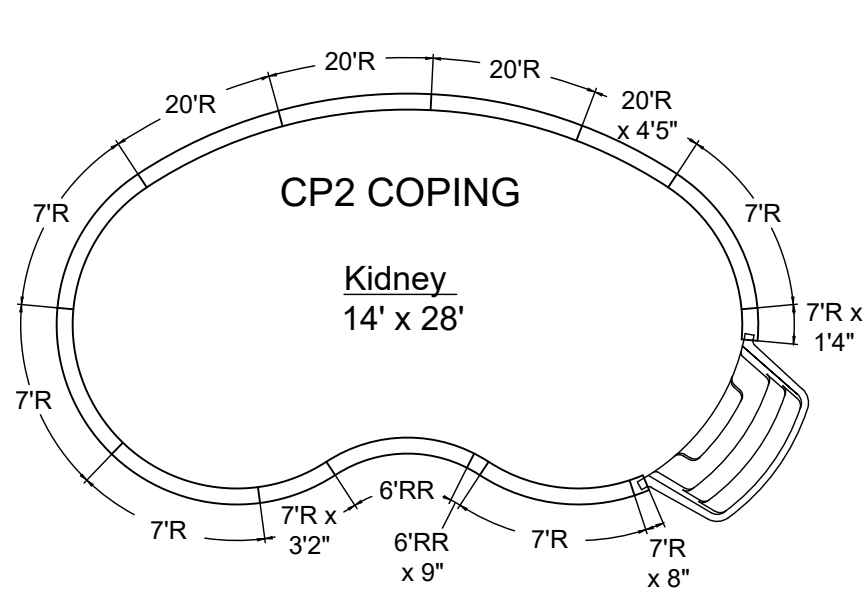


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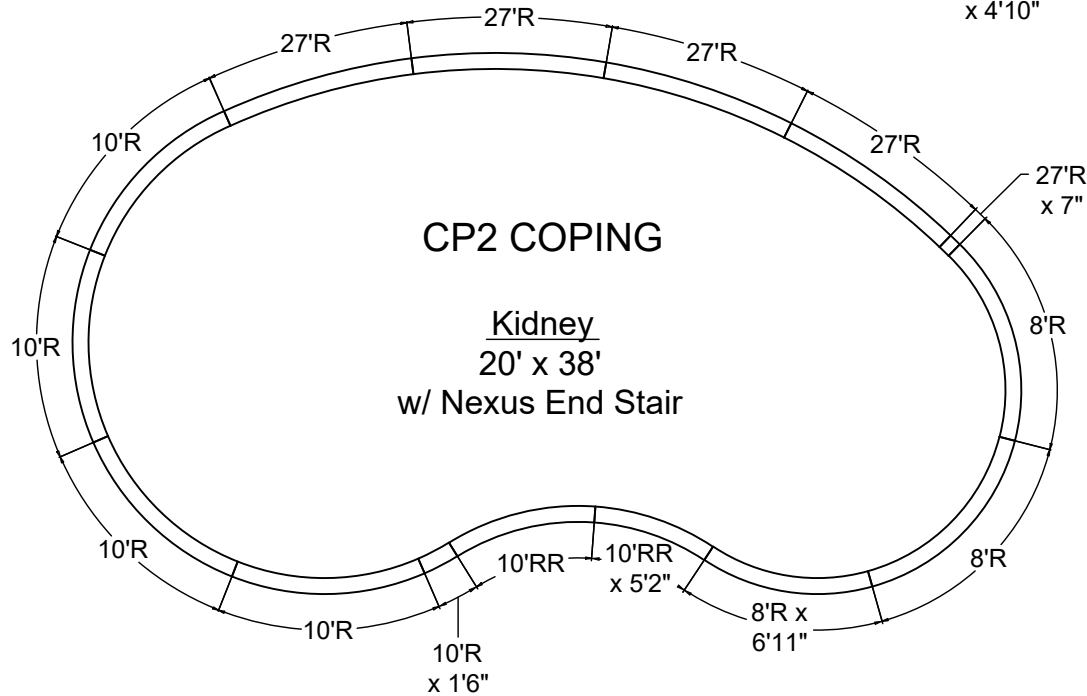
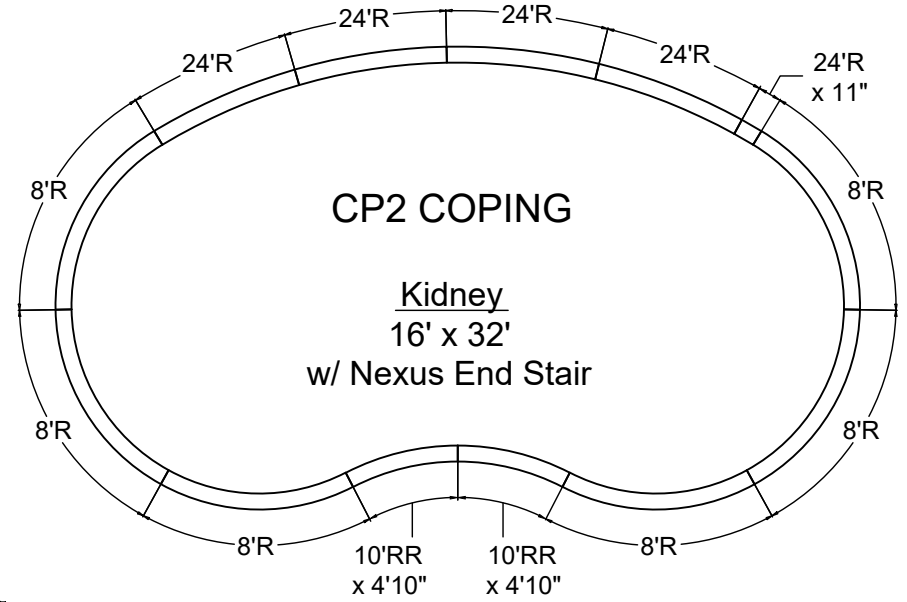
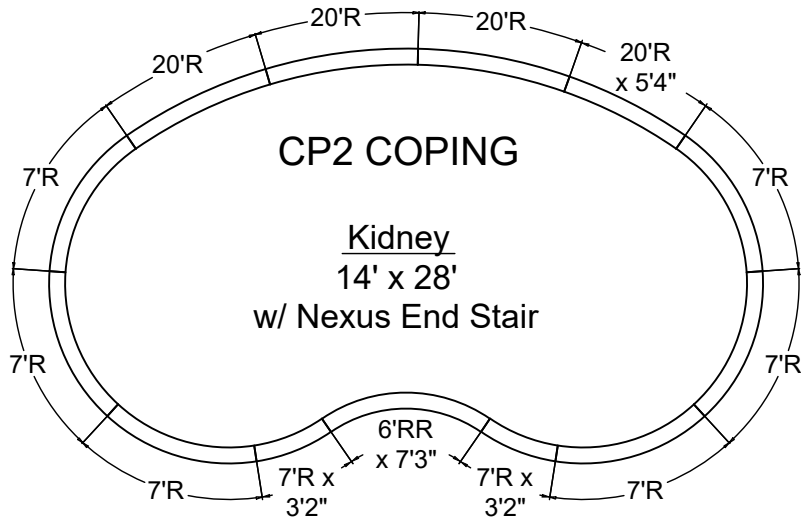




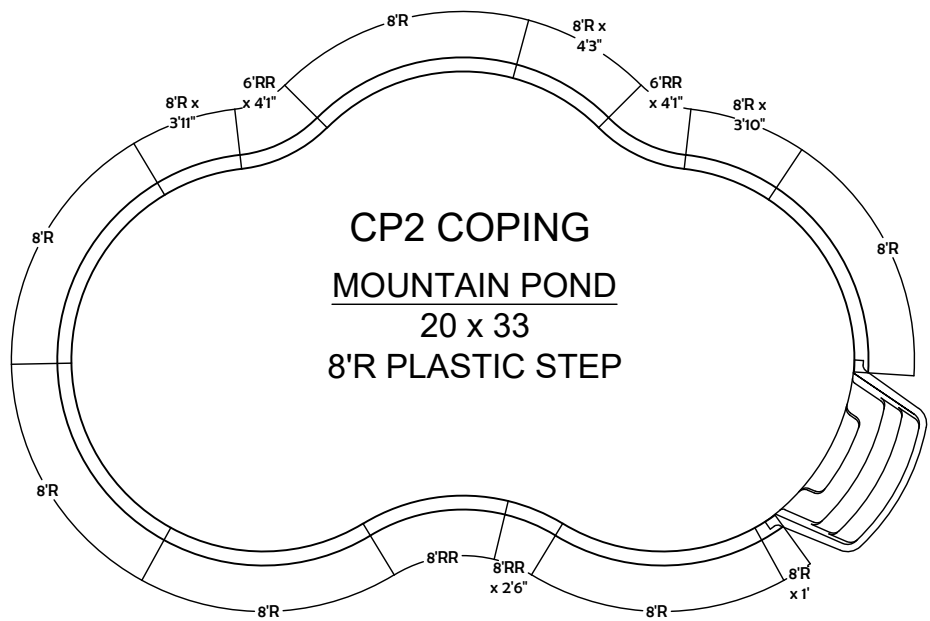
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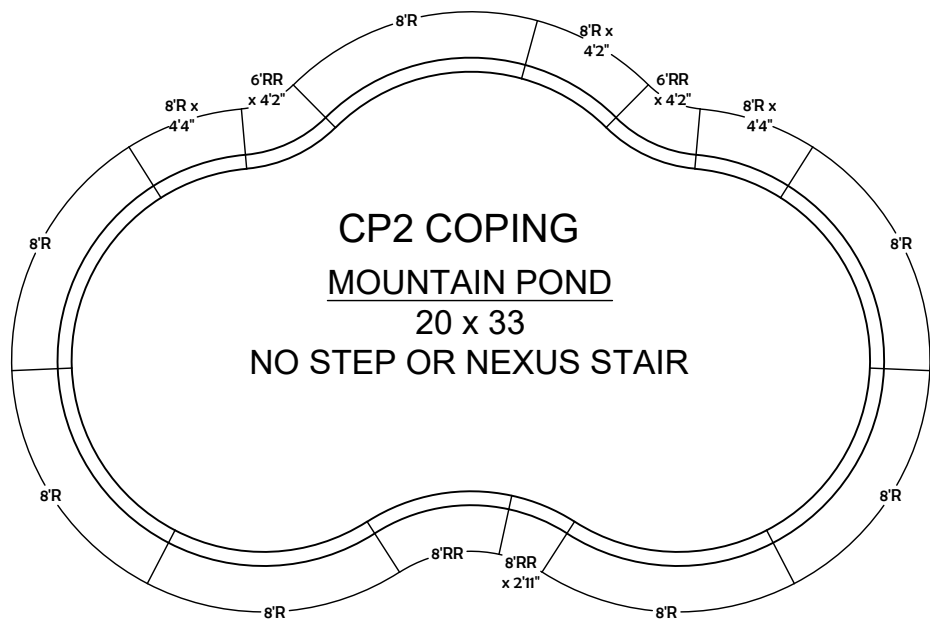
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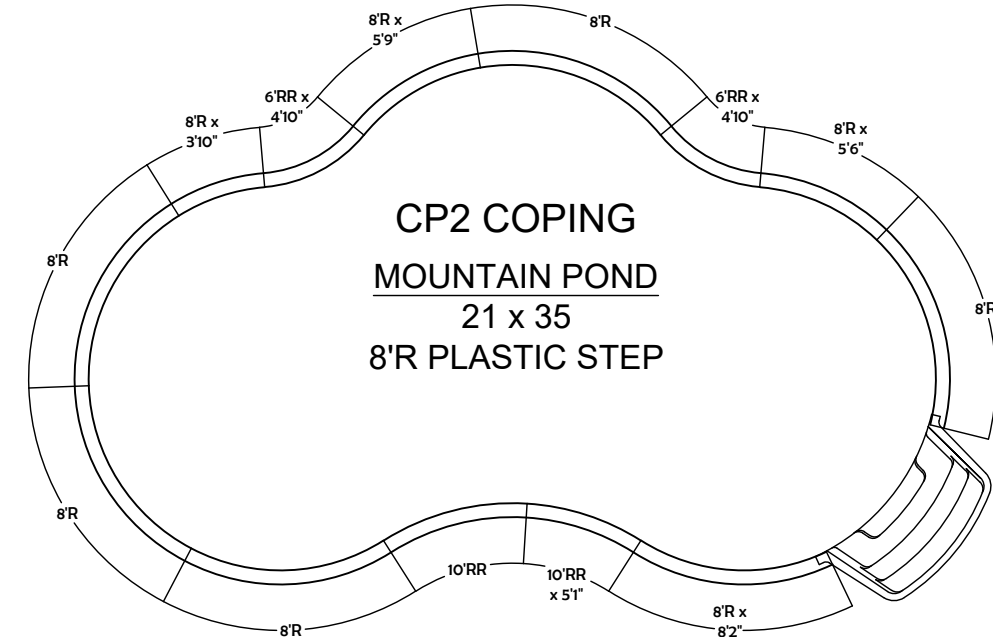
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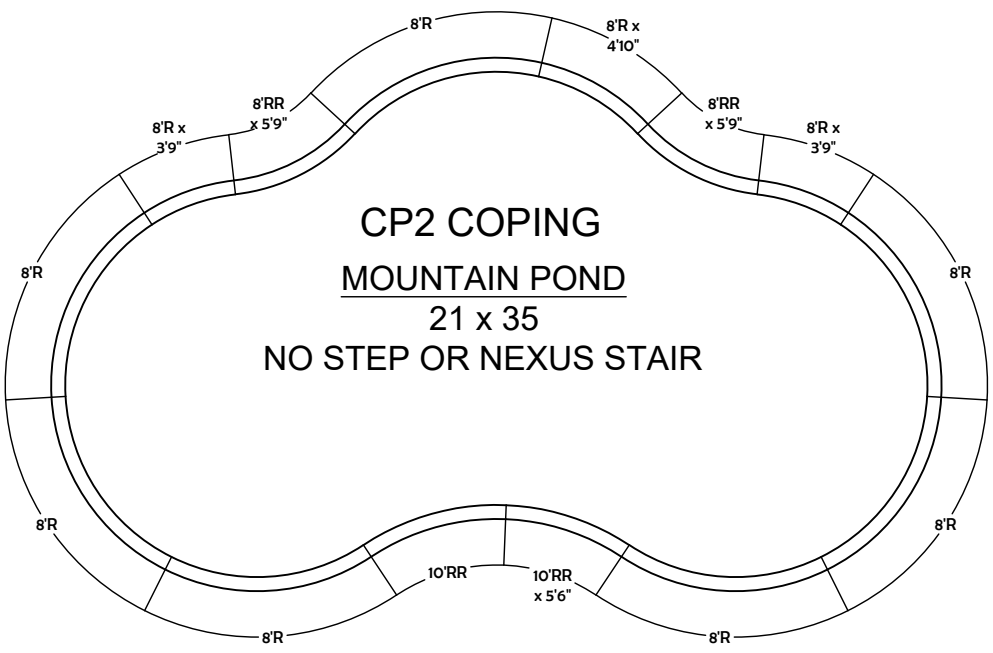
CP2 COPING
MOUNTAIN POND
20 x 33
8'R PLASTIC STEP



CP2 COPING
MOUNTAIN POND
20 x 33
NO STEP OR NEXUS STAIR

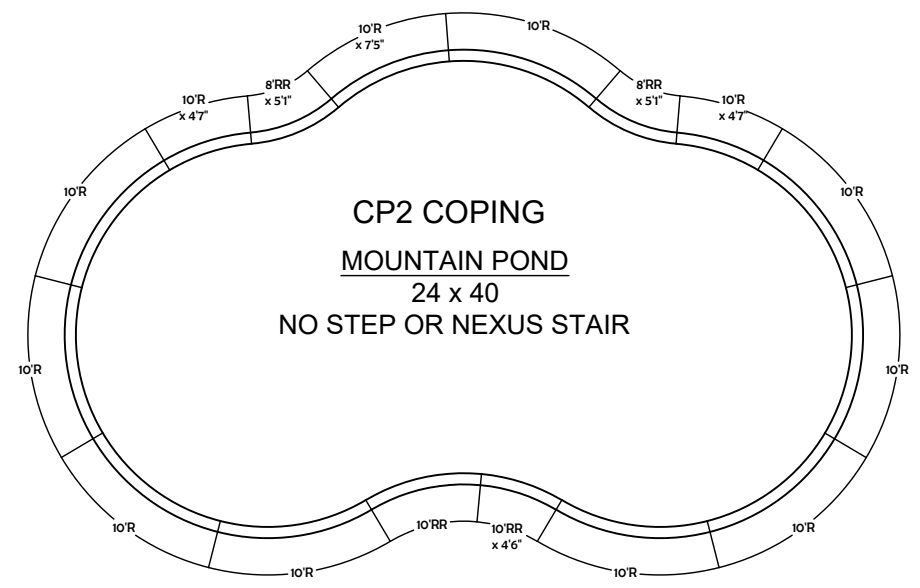
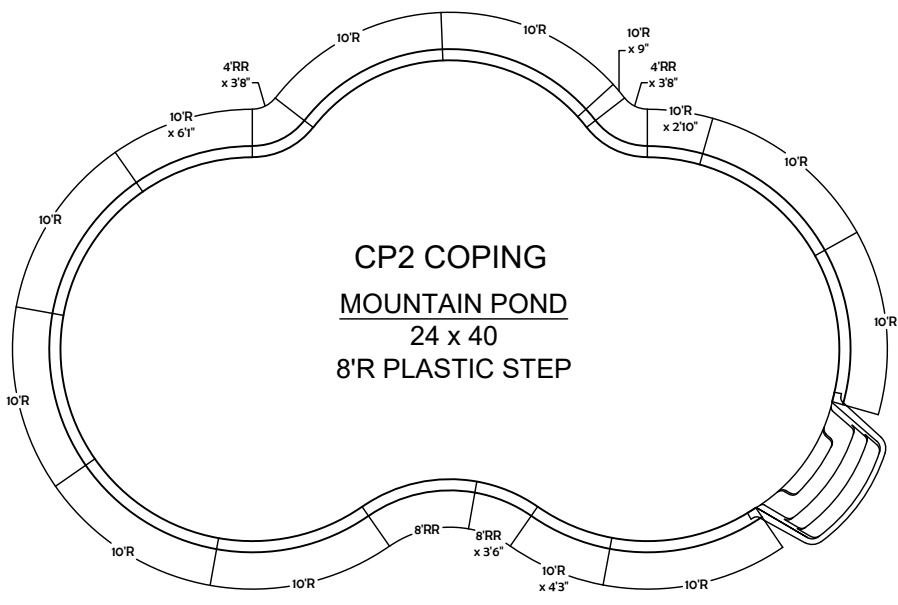
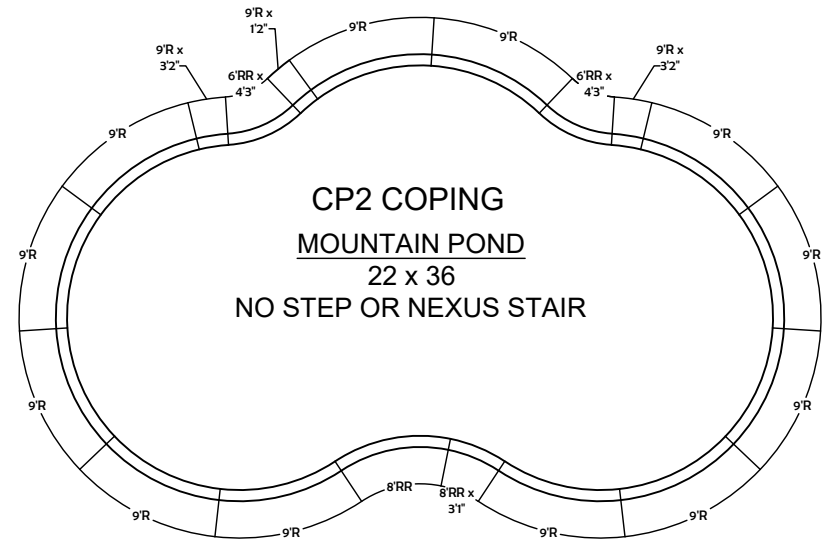
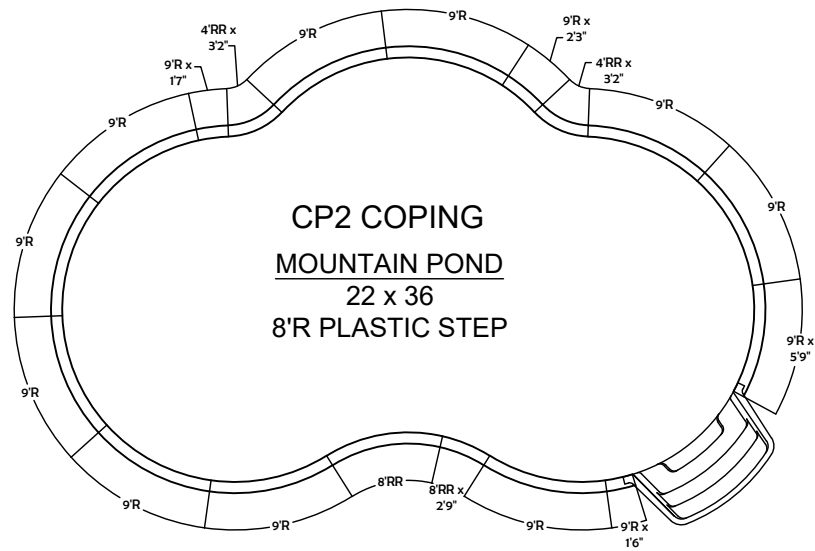


CP2 COPING
MOUNTAIN POND
21 x 35
8'R PLASTIC STEP

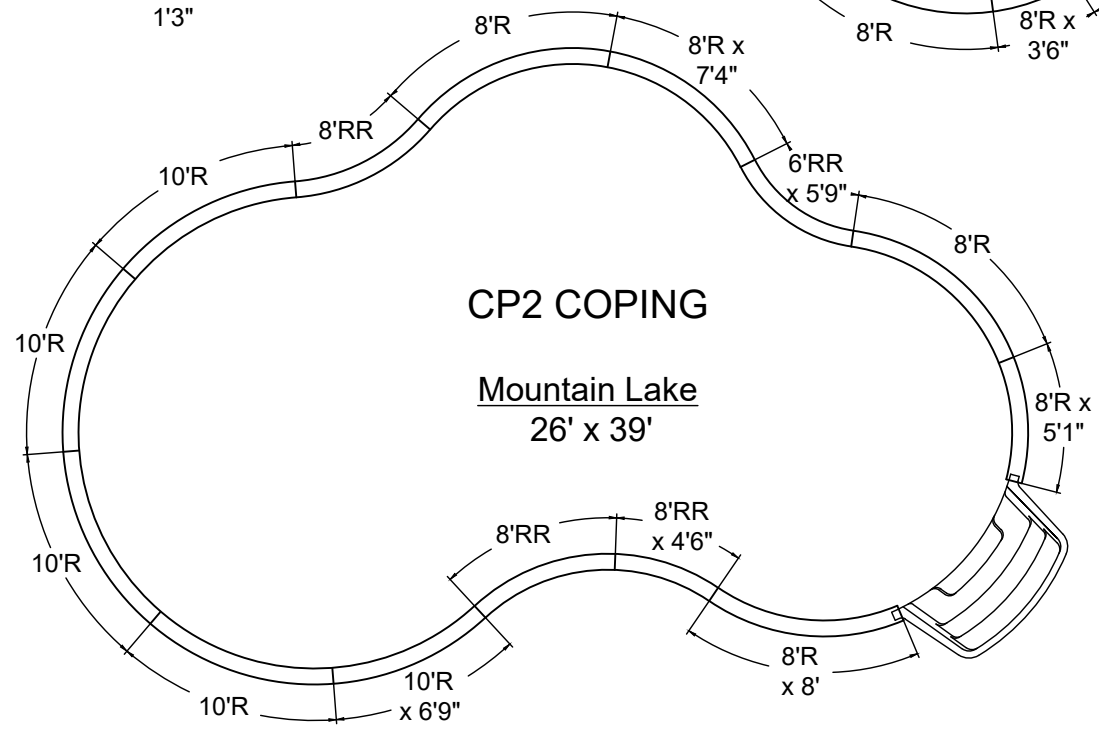
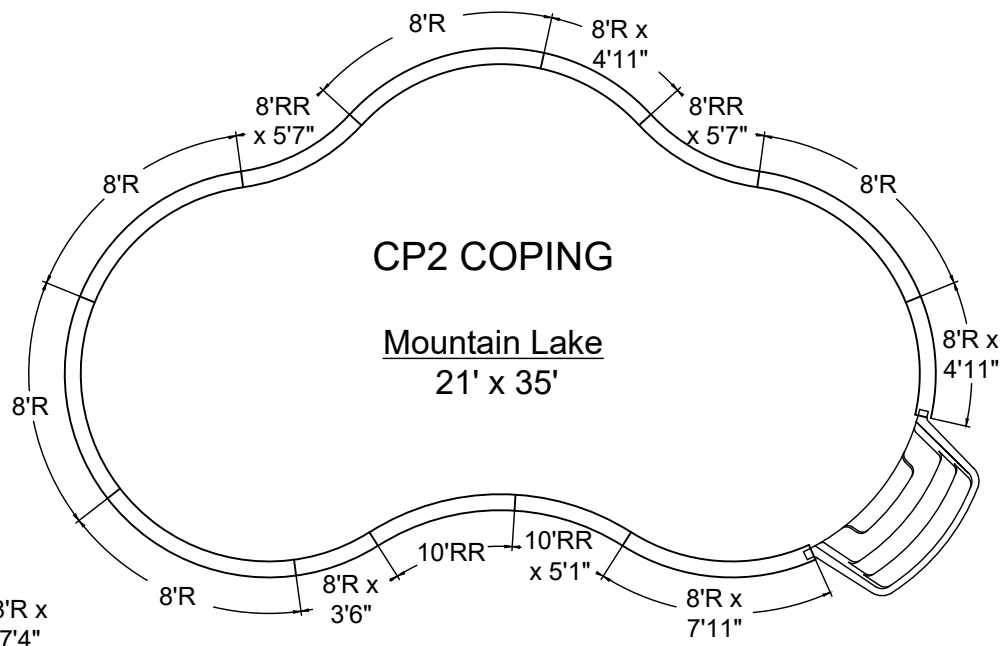
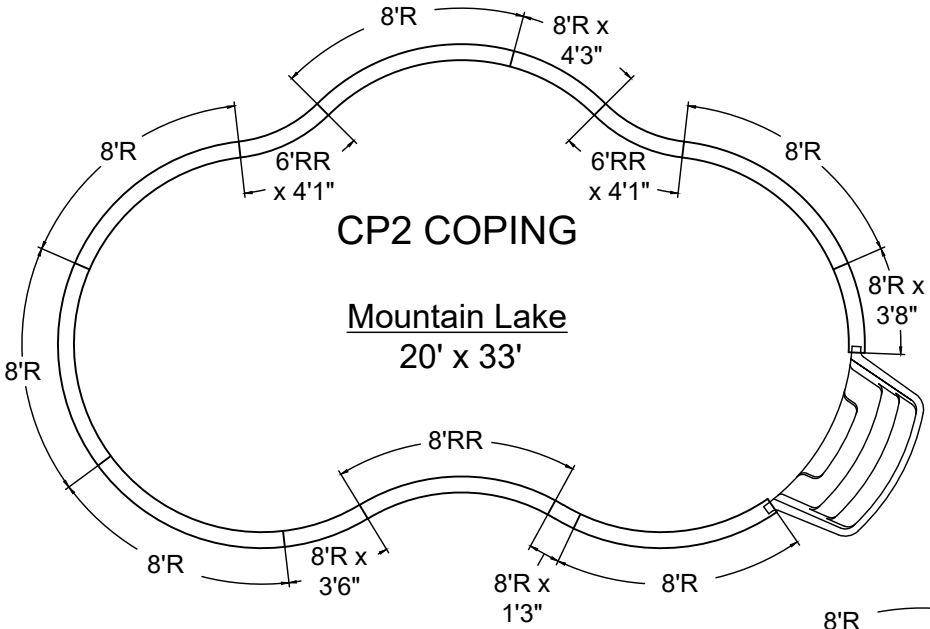


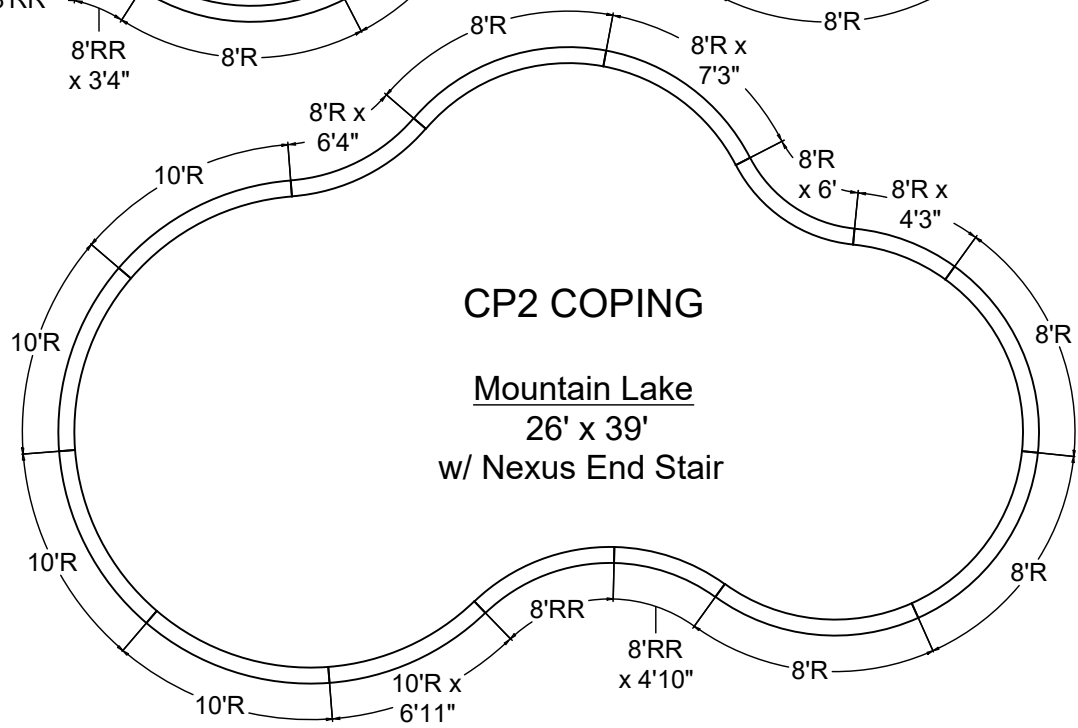
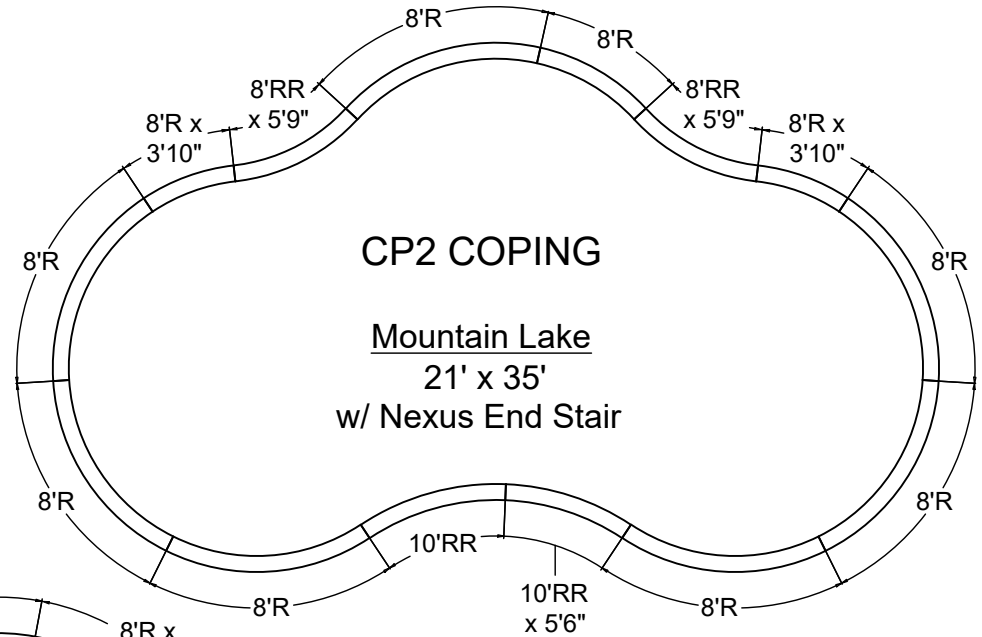
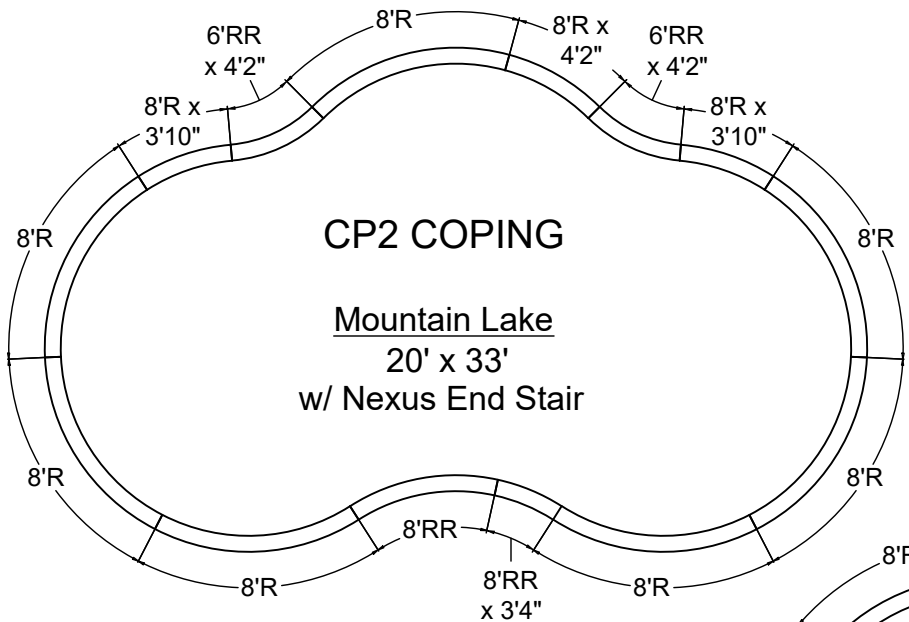
CP2 COPING
MOUNTAIN POND
21 x 35
NO STEP OR NEXUS STAIR

CP2 COPING LAYOUTS

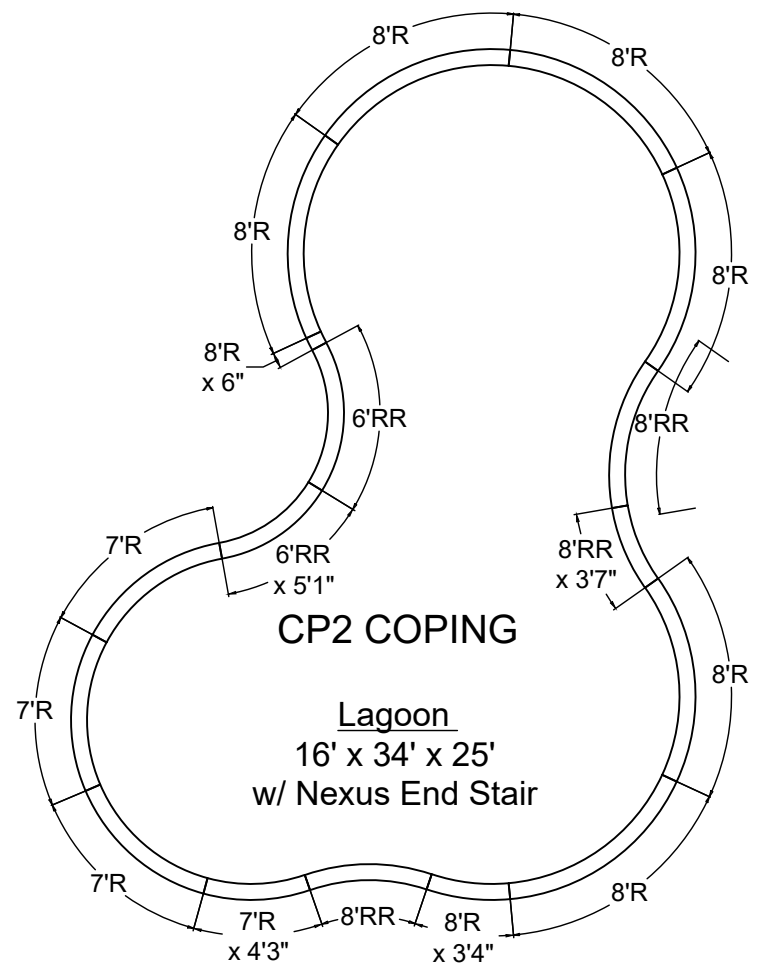
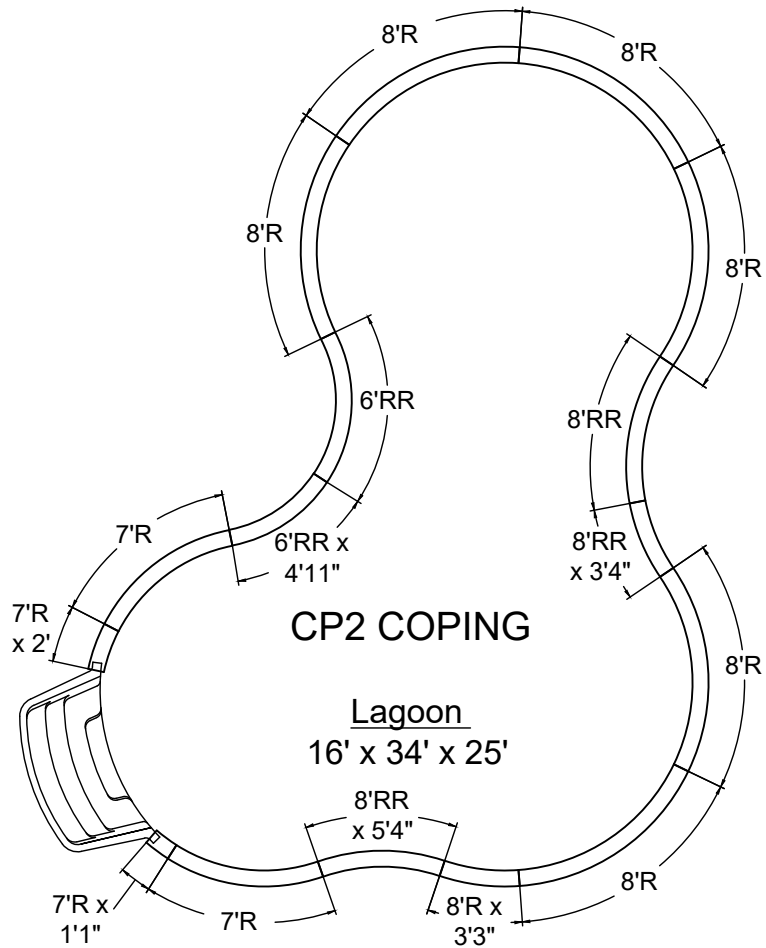


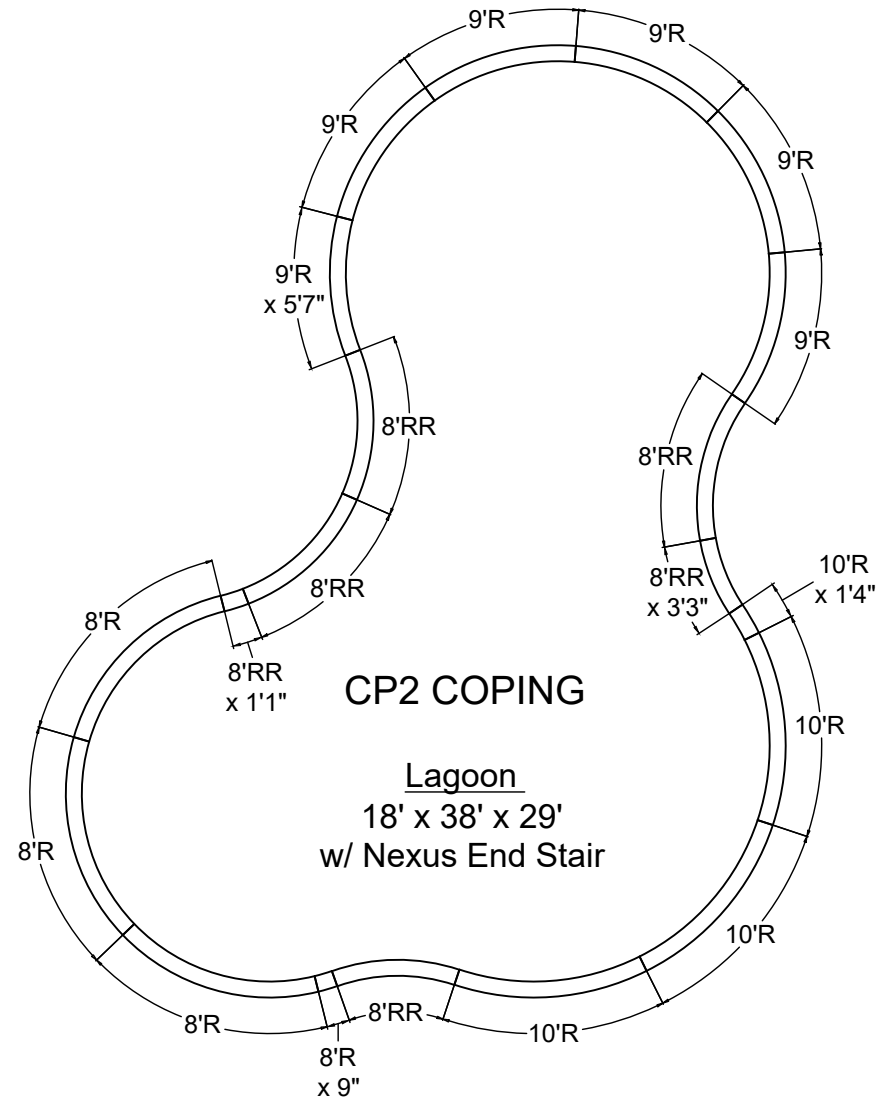
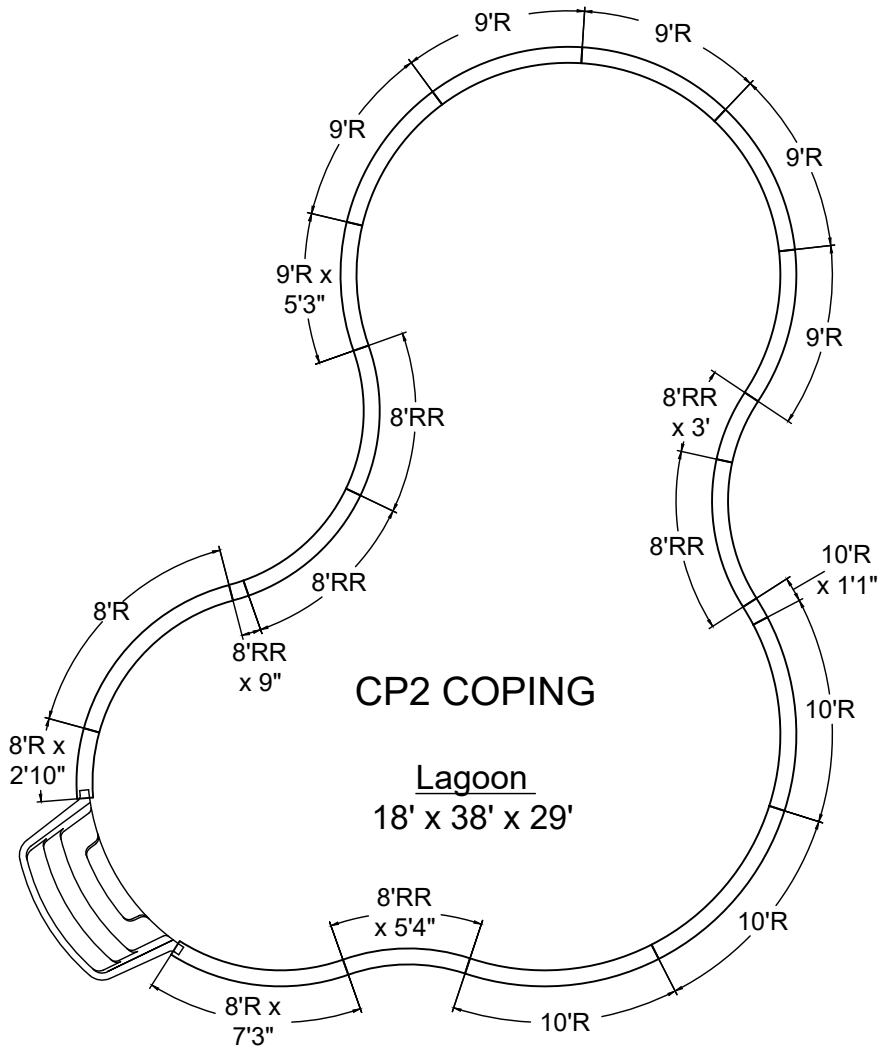
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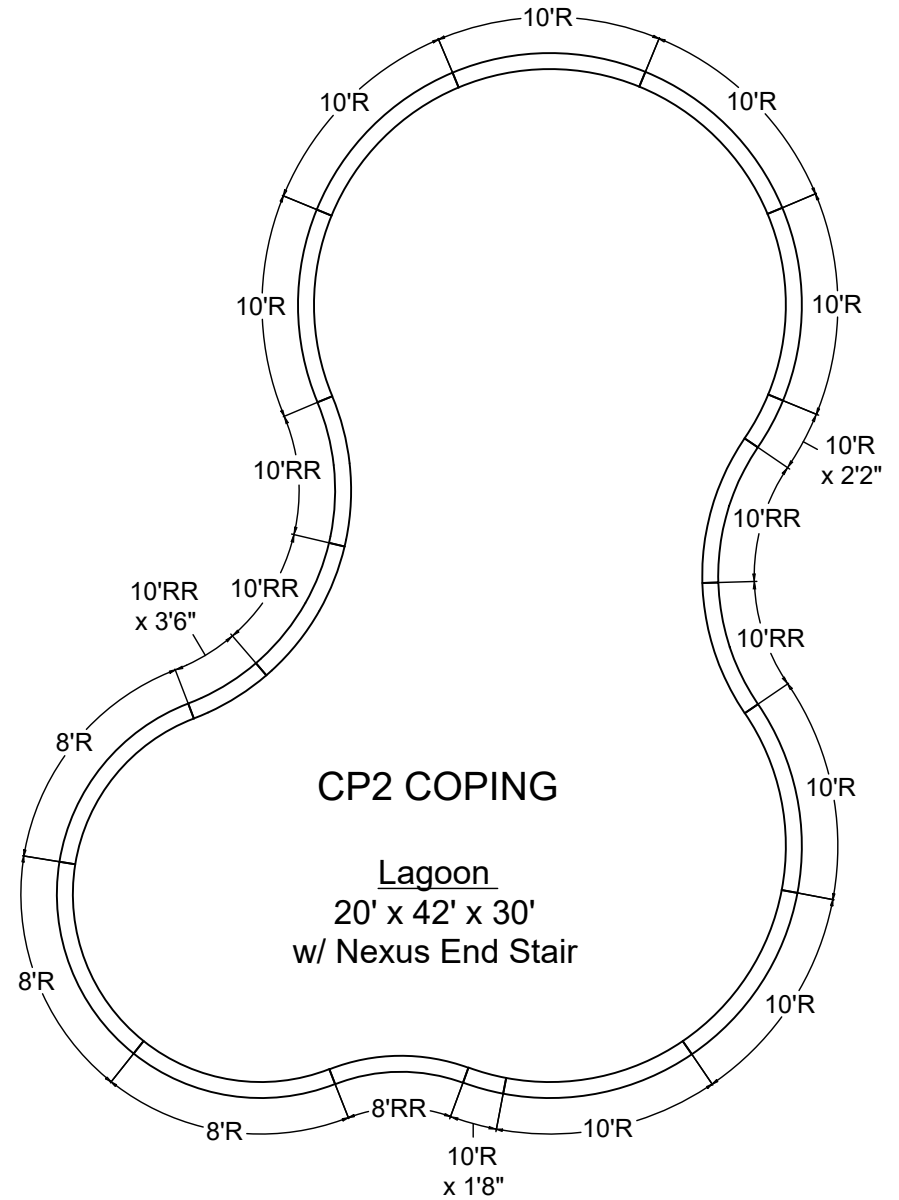
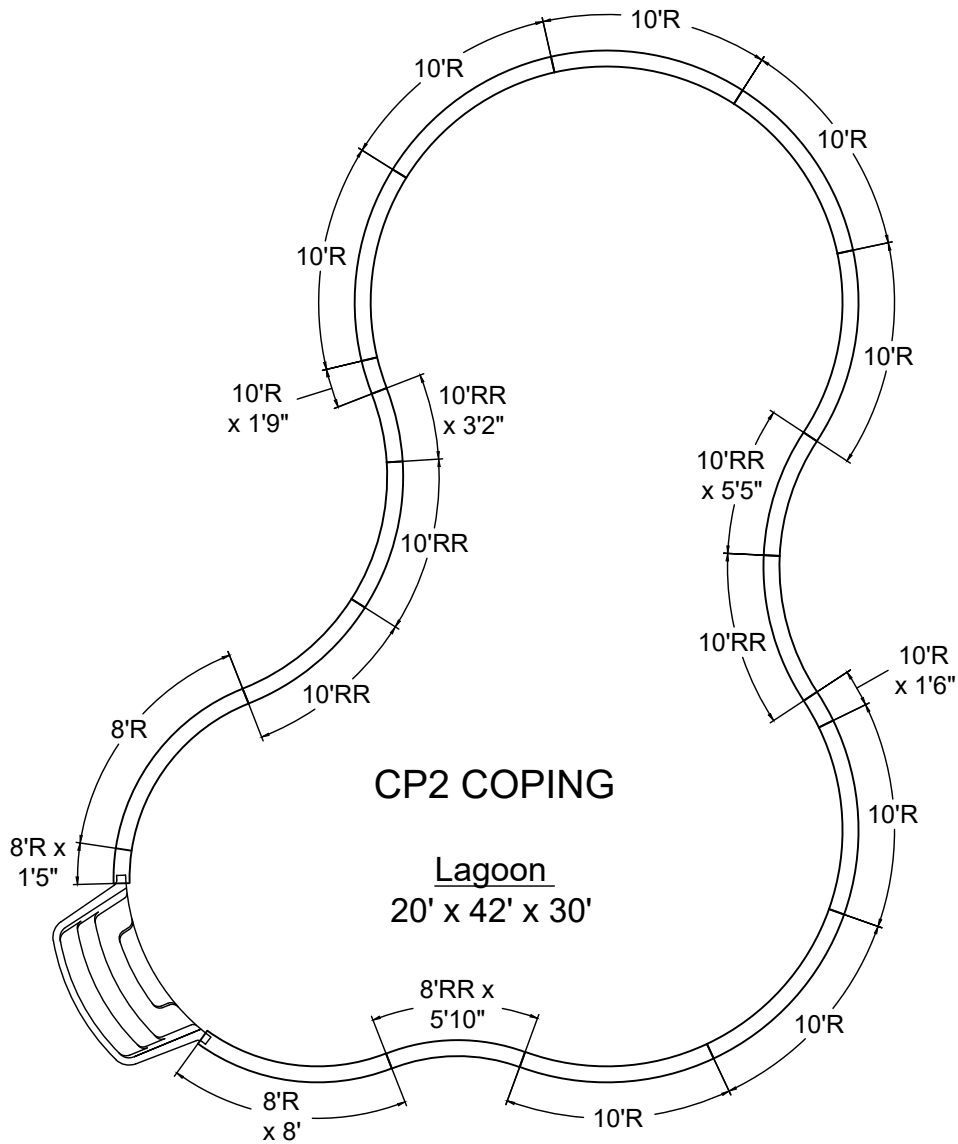


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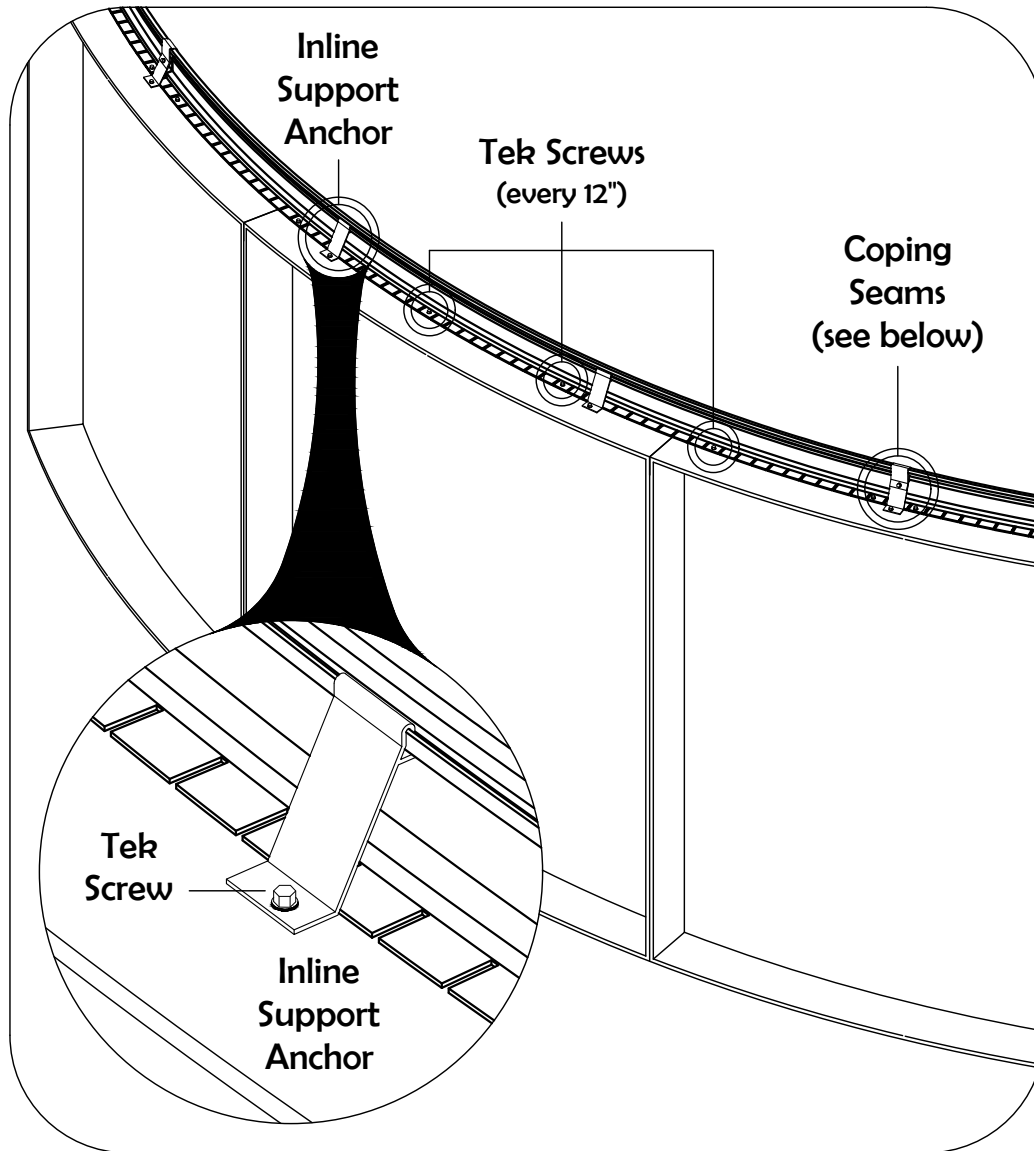




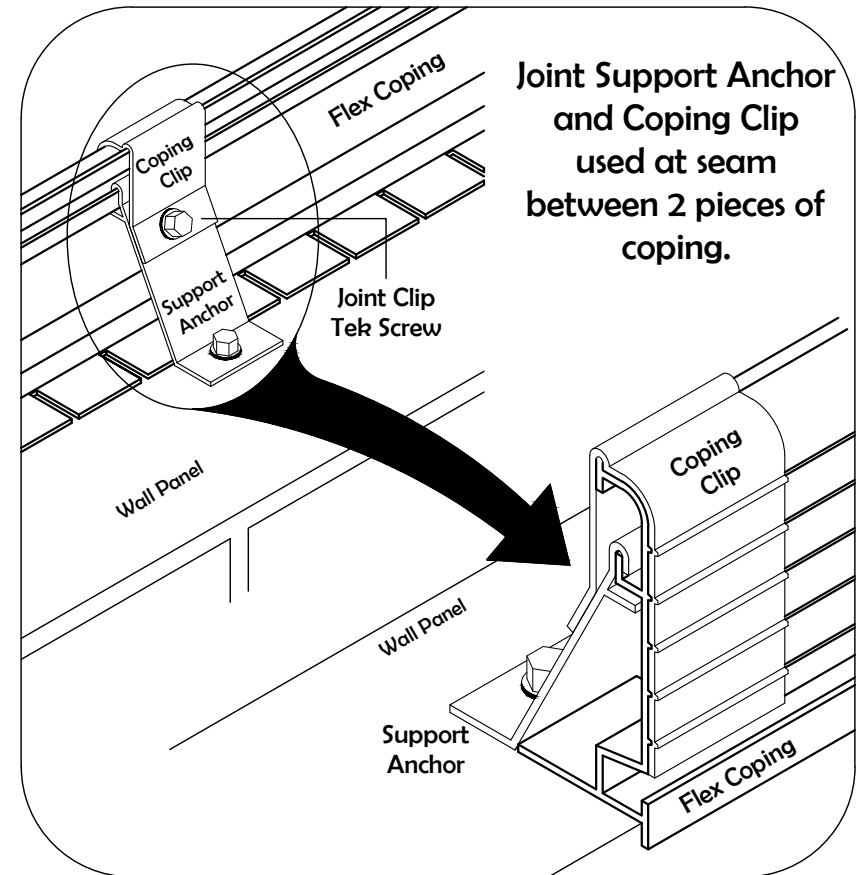
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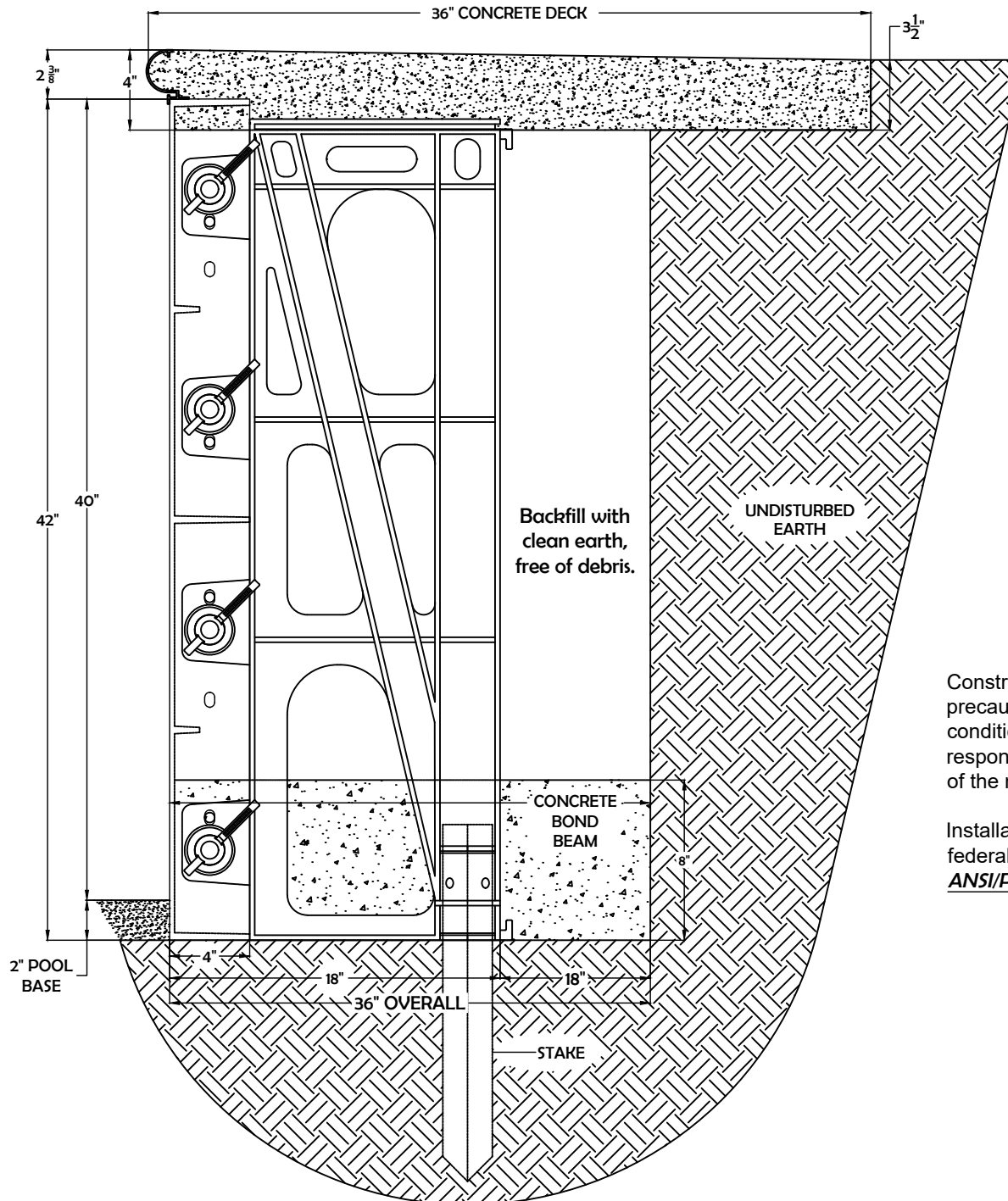
Rear View of Installed Coping Section



Covering Coping Seams



A-FRAME INSTALLATION



Construction Drawing: Different methods and precautions may be dictated by various ground conditions. This is to be determined by and is the responsibility of the contractor who is not an agent of the manufacturer of the component parts.

Installation is to be done in accordance with all federal, state and local building codes, as well as ANSI/PHTA/ICC-5, ISPSC suggested standards.



Imperial
POOLS INC.
REDEFINING ONE SOURCE

33 Wade Road | Latham, NY 12110