20 x 40 Emerald Layout and Excavation Drawings

SURFACE AREA: = 699 SQ. FT. VOLUMN: = 28,926 GALLONS POOL PERIMETER: = 104'

WARNING: SWIMMING POOLS ARE DANGEROUS WHEN USED IMPROPERLY, CONSULT YOUR DEALER FOR SAFETY INFORMATION ON THE SAFE USE OF SWIMMING POOLS. IT IS THE RESPONSIBILITY OF TOWN OFFICIALS, BUILDERS AND HOMEOWNERS TO FOLLOW ALL SAFETY RECOMMENDATIONS OF N.S.P.I., & ALL LOCAL ORDINANCES AND EQUIPMENT MANUFACTURES.

FOR INFORMATION REGARDING SAFETY AND DESIGN STANDARDS:
WRITE TO: THE ASSOCIATION OF POOL AND SPA PROFESSIONALS
2111 EISENHOWER AVE., ALEXANDRIA, VA. 22314 - 703-838-0083

Notes:

(1.) This is a TYPE II POOL in accordance to N.S.P.I. standard of Jan. 1995 and B.O.C.A. code-1996-Section 421.11(2).
(2) Panels must have a continuous 3000# concrete bond beam collar, minumum 6"s thick W/#3 re-bar 2' long in all holes of bottom panel flange with 8" of re-bar exposed & bent out into bond beam collar.
(3) Maximum length of diving board is 8 feet. Tip of board must extend 36 inches into pool (plus or minus 3"). Maximum length of jump board 6'
(4) "NO DIVING" labels must be installed around shallow end of pool.

Excavation Layout Details for 20 x 40 Em.

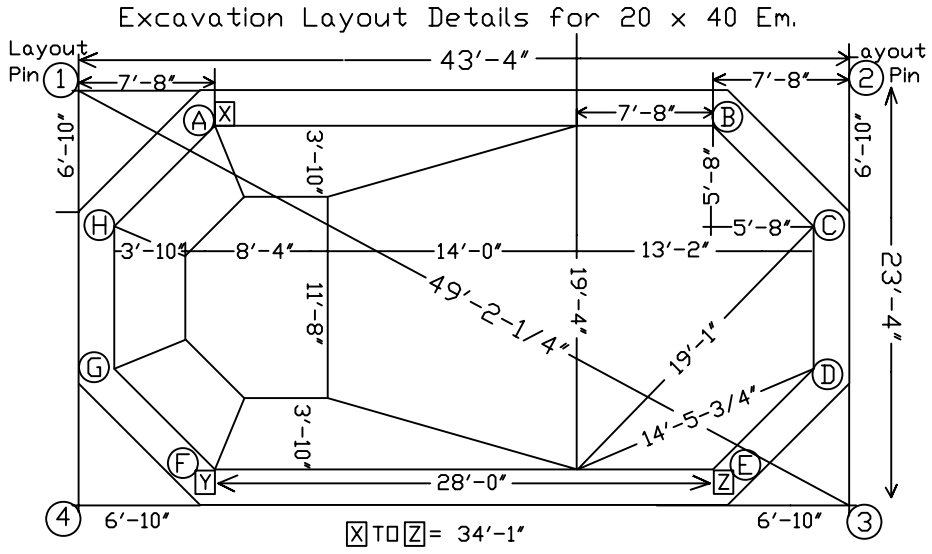


Figure # 1

End view exc. dim. for 20 x 40 Em.

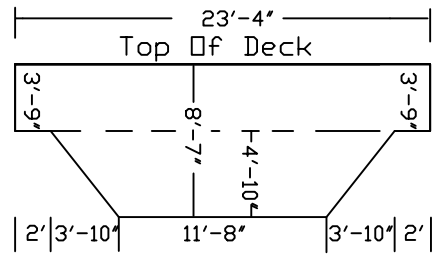


Figure # 3

Excavation dim. for 20 x 40 Em. Diving

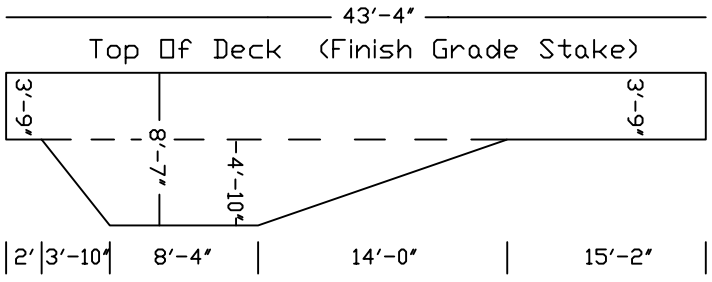


Figure # 2

Panel Layout Details for 20 x 40 Em.

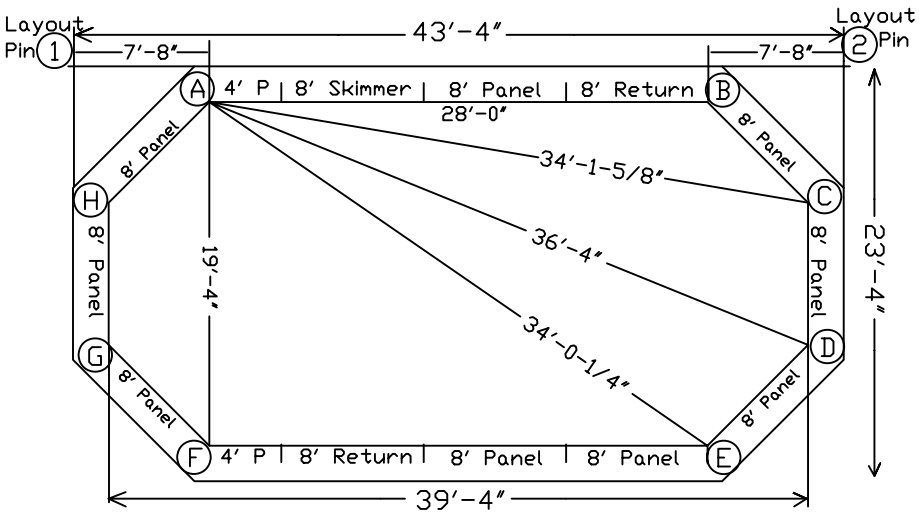


Figure # 4

Finished Dim. for 20 x 40 Emerald

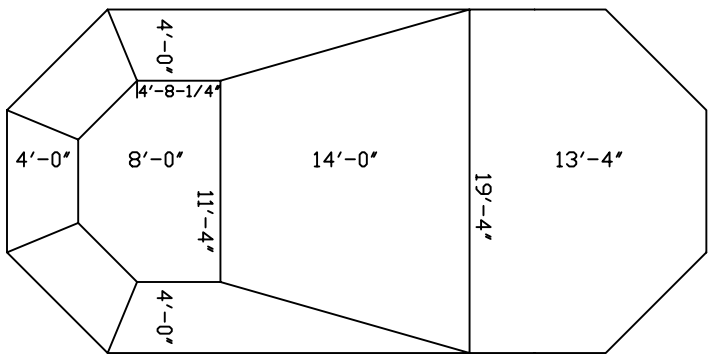


Figure # 5

Finished Dim. for 20 x 40 Emerald

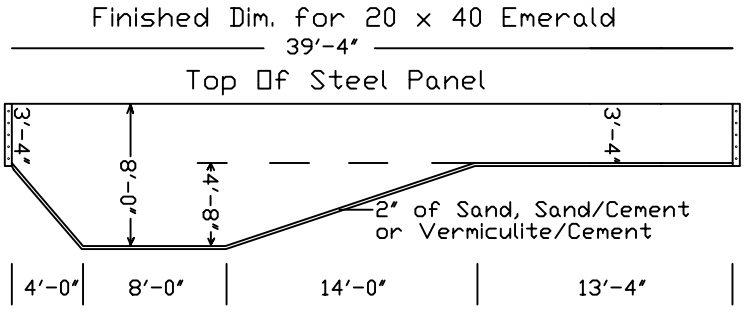
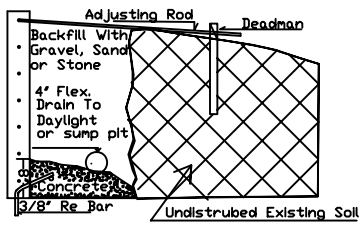
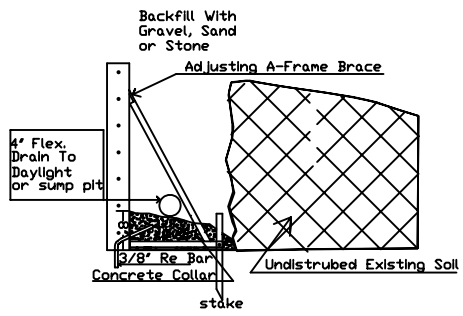


Figure # 6





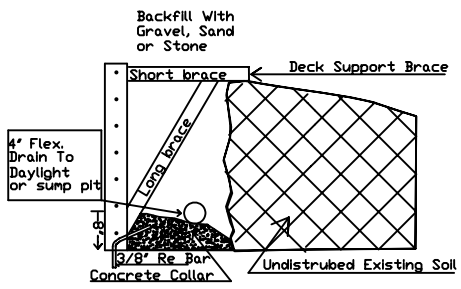


Figure # 7 Bracing Options

Soil to have minimum bearing capacity of 2000 P.S.F.
Locate top of pool at least 1' above surrounding elevation.
Excavation shall be 2' larger than pool all around.
Fill voids under panel & tamp well.
Backfill to be sand, gravel or other non-expansive material.

So. Ind. Manufacturing Co.	01-01-03	Drawing # PK-6327
331-A Miller Street	Name:	Stock 20x40 Em. Diving
Benton Harbor, MI 49022	Address:	French Lick Warehouse
1-800-821-3087	Phone:	1-888-498-2854

The construction methods illustrated here are suggestions and apply only to normal ground conditions. There may be additional precautions and/or methods of construction. The responsibility is the contractors. These dig dimensions comply with the National Pool and Spa Institute suggested minimum standards for residential pools. If diving boards and/or slides are to be used with these pools please consult the manufactures instructions and follow them, paying close attention to every detail. The builder is responsible should there be a accident and the instructions were not followed.

The dealer, salesperson or installer who sells and/or installs this pool is a independent contractor and has no contract, written or verbal, to represent himself or his company as a agent, employee or associate of the distributor or any manufacturer. It is the buyers responsibility to verify the installers abilities and construction experience/reputation.

PANELS REQUIRED			STEP OPTIONS
	LENGTH	STRAIGHT/RADIUS	8'-STEP= DELETE 8' ST PANEL
8	8'-0"	ST	6'-STEP= DELETE 1-8' & ADD 2-1'
2	8'-0"	ST/RETURNS	6'-STEP= ADD 2-Braces
2	8'-0"	ST/SKIMMER	6 - BRACES REQUIRED
2	4'-0"	ST	
			DRAWN FOR: SIMCO dristributors