16'3" X 31'7" DOUBLE ROMAN 2'R

REV.	DESCRIPTION	DATE	STATUS	ECO	BY

DIMENSIONS	SQ FOOT	514	PERIMETER	84'7"	GALLONS	17516

VIEWED FROM DEEP END
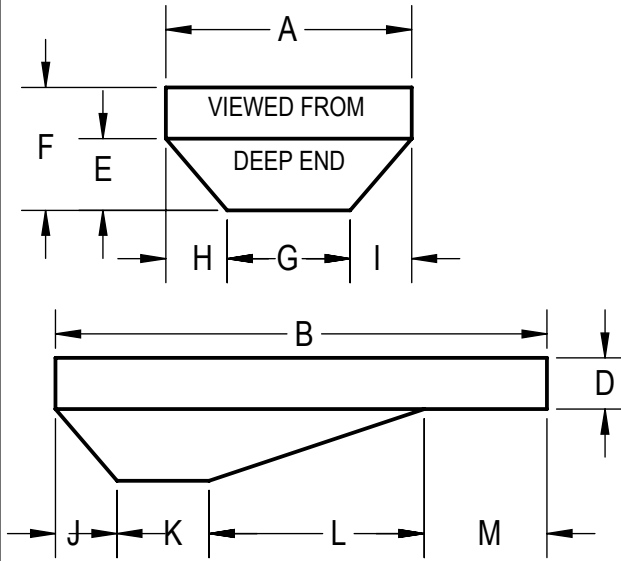
A	16'-2 3/4"	K	6'0"
B	31'-7"	L	14'0"
D	3'4"	M	7' 7"
E	4'-8"	M2	
F	8'0"	T	
G	8'2 3/4"	S	
H	4'0"	N	
I	4'0"	P	
J	4'0"	U	

155

Dimensions on plan view: 31'7", 16'2 3/4", 3'2 3/8", R4'5 1/8", R7'0", R7'0"

Callouts: 2'R/6, 8'/8, 6'/7, 8'/8, 2'R/6, 6X6/10, 2'/4, 6X6/10, 2'/4, 8'/2, 8'/5, 2'/4, 2'/4, 6X6/10, 2'R/6, 8'/8, 6'/9, 8'/8, 2'R/6, 6X6/10
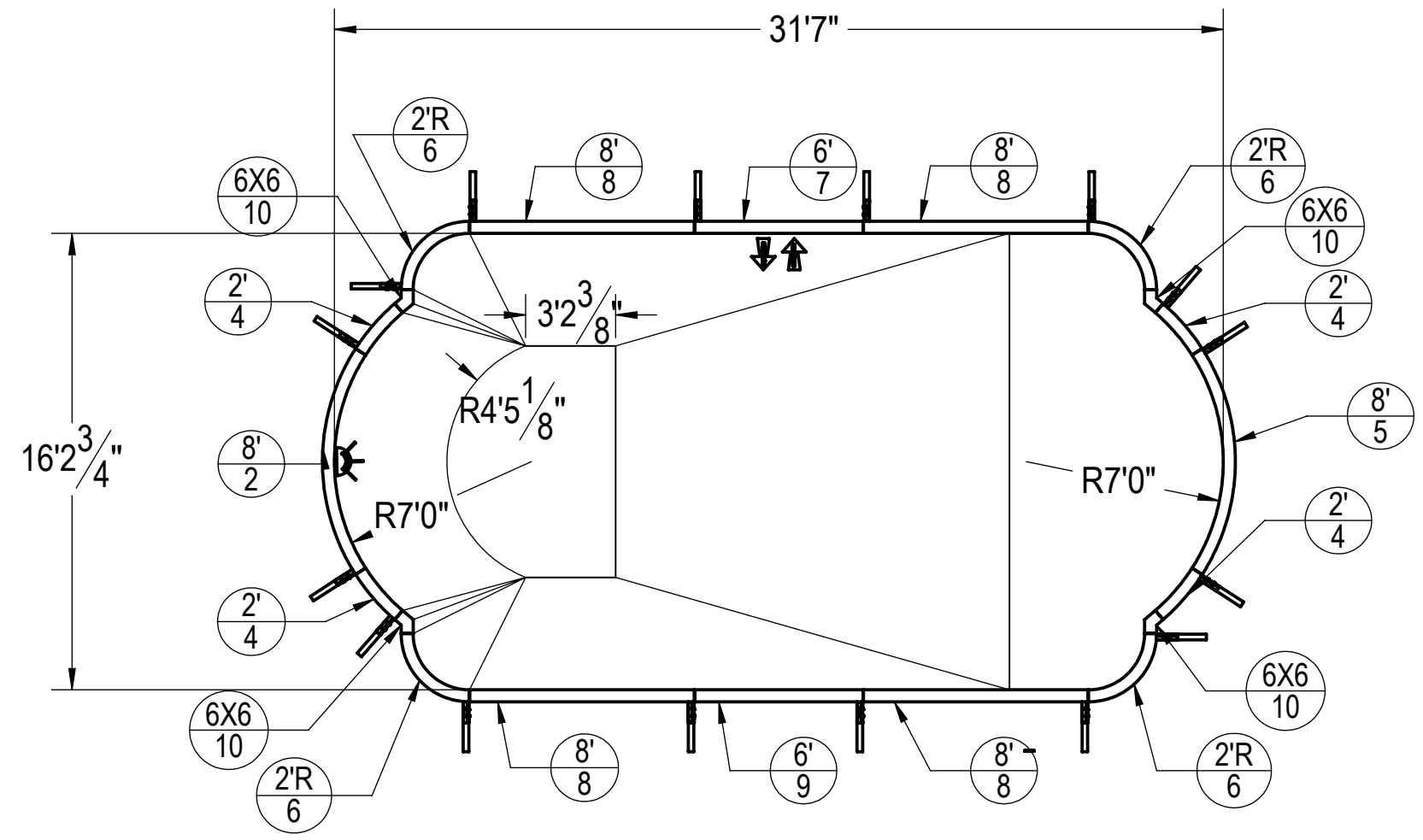
NOTES:
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. THE IDEAL WATER LEVER SHOULD BE TO THE MIDDLE OF THE SKIMMER OPENING(S).

EXCAVATION NOTES:
4. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
5. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 2000 PSF.
6. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
7. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
8. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
9. BACK FILL WITH NON-EXPANSIVE MATERIAL.

IMPORTANT NOTES:
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE MAY BE ADDITIONAL PRECAUTIONS AND/OR METHODS OF CONSTRUCTION. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE DEALER/BUILDER/CONTRACTOR.
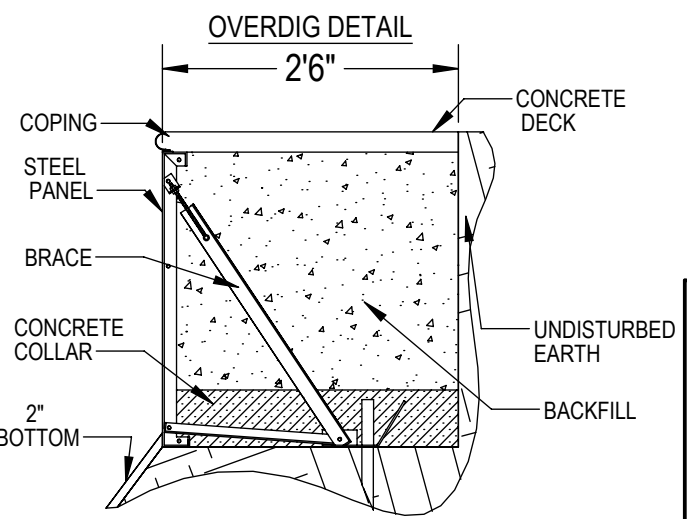
PANEL LEGEND
LIGHT   SKIMMER   AQUAGENIE

NO DIVING WARNING:
ATTENTION DEALER/BUILDER:
It is your responsibility to ensure the safety package provided is delivered to the pool owner and that the "NO DIVING" labels are properly installed.

⚠ DANGER NO DIVING SHALLOW WATER

"NO DIVING" WARNING LABELS MUST BE INSTALLED IN NO DIVING AREAS ACCORDING TO ANSI SPECIFICATIONS

OVERDIG DETAIL
2'6"

COPING
CONCRETE DECK
STEEL PANEL
CONCRETE COLLAR
BRACE
UNDISTURBED EARTH
BACKFILL
2" BOTTOM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	HPSD7R8L	7'R 8' LIGHT PANEL	1
3	HPSFOB	STEEL BRACE	16
4	HPSD7R2	7'R 2' PLAIN PANEL	4
5	HPSD7R8	7'R 8' PLAIN PANEL	1
6	HPSD2R	2'R PANEL	4
7	HPS106AG	6' AG PANEL	1
8	HPSD108P	8' PLAIN PANEL	4
9	HPSD106P	6' PLAIN PANEL	1
10	HPSD66230	6"X6" 230° PANEL	4
11	HPS1916	BOLT PACK 50 PCS	4

ENGINEERING DRAWING NUMBER: 00001246

WEIGHT: 86.515 lbs	UNLESS OTHERWISE SPECIFIED	DESIGNED BY: RCOLBOCH	CREATION DATE: 10/17/2012	SAMSON STEEL BY HYDRA POOLS
VOLUME: 2394.720 Inch³	DIMENSIONS ARE IN INCHES	DETAILED BY: Rcolboch	DETAILED DATE: 8/30/2012	
	TOLERANCES DECIMALS: X ± 0.1 XX ± 0.01 XXX ± 0.005 XXXX ± 0.0005	LAST REVISED BY: rcolboch	LAST REVISED DATE: 11/16/2012	TITLE: 16'3" X 31'7" DOUBLE ROMAN 2'R
COLOR: NA				
HEAT TREAT: NA				
FINISH: NA	ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION	MATERIAL: Material <not specified>		
TEXTURE: NA				PART NUMBER: 60815

SCALE: 1:96   SHEET: 1 OF 1   SIZE: B

K:\CAD-PANEL-LAYOUT-LAYOUT-SW\layouts\steel layouts\MASTER DIG-DO NOT TOUCH\13-roman\UPDATED\60815