Area: 520.22ft $^2$
Perimeter: 93.34ft
Volume = 19544 US gallons

NOTES:
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASP/ICC REGULATIONS.
4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

EXCAVATION NOTES:
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMPER WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / ASP / ICC GUIDELINES FOR RESIDENTIAL POOLS

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.

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HYDRA POOLS

LAYOUT, 16' X 32' - 4", ROMAN END, 8" RADIUS, 8' DEEP,
HS110N, LIGHT, 3-INLETS, 1084, 600 SERIES

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
TOLERANCES: X ± .1
XXX ± .005

ENGINEERING DRAWING NUMBER: 00018177

DESIGNED BY: BUMPHREY
CREATED DATE: 5/23/2013
LAST REVISED BY: JRITTENHOUSE
LAST REVISED DATE: 4/5/2018

WEIGHT: 4/5/2018

TITLE: HYDRA POOLS
SHEET: 3 OF 4

MATERIAL: BUMPHREY
FINISH: NA
COLOR: NA
TEXTURE: NA
TOLERANCES: DECIMALS: X ± 0.5
ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

REV. LEVEL: A
REV. DATE: JULY 29, 2015
DOCUMENT ID: CF7308

SCALE: 1:60

LAYOUT, 16' X 32'-4", ROMAN END, 8" RADIUS, 8' DEEP,
HS110N, LIGHT, 3-INLETS, 1084, 600 SERIES

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
TOLERANCES: X ± .1
XXX ± .005