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/ASPS/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 HOLES UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS.

IMPORTANT NOTES:
1. 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 40', RECTANGLE, 2' RADIUS, 8' DEEP, HS110N, 3-INLETS, 1084, 700 SERIES**

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<td>PANEL, STRAIGHT</td>
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<td>HS110N STEP</td>
<td>STEP, TWIN SEAT, 2 TREAD HS110N</td>
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<td>8</td>
<td>HS110T BAR</td>
<td>BAR, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB</td>
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<td>9</td>
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Area: 636.57ft^2
Perimeter: 108.57ft
Volume = 22555 US gallons

NOTES:
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EXCAVATION NOTES:
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8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
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HYDRA POOLS

LAYOUT: 16' x 40', RECTANGLE, 2' RADIUS, 8' DEEP,
HS110N, 3-INLETS, 1084, 700 SERIES

DESIGNED BY: BUMPHREY
DETAILED BY: RITTENHOUSE
CREATION DATE: 4/9/2013
DETAILED DATE: 4/3/2018
LAST REVISED BY: rhouston
LAST REVISED DATE: 4/3/2018

PART NUMBER: 00018110

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
TOLERANCES: X ± .1
XX ± .01
XXX ± .001
XXX ± .0005
ANGULAR: X ± 0.5

MATERIAL:

WEIGHT:
lbs
VOLUME:
inch³

COLOR:

HEAT TREAT:

FINISH:

TEXTURE:

ENGINEERING DRAWING NUMBER:

TOLERANCES:
DECIMALS:    X ±                                 XX ±
XXX ±        XXXX ±
ANGULAR:     X ± 0.5

THIRD ANGLE PROJECTION
HYDRA POOLS

LAYOUT, 16' X 40', RECTANGLE, 2' RADIUS, 8' DEEP,
HS110N, 3-INLETS, 1084, 700 SERIES

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
TOLERANCES:
X ± .1
XX ± .01
XXX ± .001
XXX ± .0005

ANGULAR:
X ± 0.5

THIRD ANGLE PROJECTION

REV. LEVEL: Ai
REV. DATE: JULY 29, 2015
DOCUMENT ID: CF7308, ANSI LANDSCAPE