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 Voids 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:
12. 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.
13. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE MAY BE ADDITIONAL PRECAUTIONS AND/OR METHODS OF CONSTRUCTION.
14. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE DEALER/BUILDER/CONTRACTOR.

ITEM FILE NAME DESCRIPTION CUSTOMER DRAWING # VENDOR PART # QTY
1 BOLT, PACK BOLT, FLANGE, 3/8-16 X 1", PACK (50) HPS1916 HPS1916 5
2 SBRACE BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB HPSFOB HPSFOB 19
3 PANEL, RR PANEL, 7' REVERSE RADIUS, 5' LONG, 600 SERIES HPSD7RR5 00000180 1
4 PANEL, RR PANEL, 7' REVERSE RADIUS, 8' LONG, 600 SERIES HPSD7RR8 00000208 1
5 PANEL, RR PANEL, 8' REVERSE RADIUS, 3' LONG, 600 SERIES HPSD8RR3 000001038 1
6 PANEL, RR PANEL, 8' REVERSE RADIUS, 4' LONG, 600 SERIES HPSD8RR4 00000143 1
7 PANEL RADIUS PANEL # RADIUS, 2' LONG, 600 SERIES HPSDR2 00000349 1
8 PANEL RADIUS PANEL # RADIUS, 3' LONG, 600 SERIES HPSDR3 00000351 1
9 PANEL RADIUS PANEL # RADIUS, 4' LONG, 600 SERIES HPSDR4 00000353 1
10 PANEL RADIUS PANEL # RADIUS, 5' LONG, INLET, 600 SERIES HPSDR5I 00000104 1
11 PANEL RADIUS PANEL # RADIUS, 5' LONG, 600 SERIES HPSDR5 00000394 1
12 PANEL RADIUS PANEL # RADIUS, 5' LONG, 600 SERIES HPSDR5 00000394 1
13 PANEL RADIUS PANEL # RADIUS, 6' LONG, 600 SERIES HPSDR6 00000395 1
14 PANEL RADIUS PANEL # RADIUS, 6' LONG, LIGHT, 600 SERIES HPSDR6L 00000396 1
15 PANEL RADIUS PANEL # RADIUS, 7' INLET OR LED, 600 SERIES HPSDR8I 00000395 1
16 PANEL RADIUS PANEL # RADIUS, 7' LONG, 600 SERIES HPSD7RR7 00000395 1
17 PANEL RADIUS PANEL # RADIUS, 8' LONG, 600 SERIES HPSD8RRI 00000435 1
18 PANEL RADIUS PANEL # RADIUS, 8' LONG, 600 SERIES HPSD8RR 00000000143 1
19 PANEL RADIUS PANEL # RADIUS, 8' LONG, LIGHT, 2-1084, 600 SERIES HPSD9R8L 00000000143 1
20 PANEL RADIUS PANEL # RADIUS, 8' LONG, LIGHT, 600 SERIES HPSD9R8 00000000143 1
21 PANEL, RR PANEL, 9' REVERSE RADIUS, 8' LONG, 600 SERIES HPSD9RR8 00000436 1
22 HS103N STEP, 6' RADIUS, 3 TREAD HS103N HS103N 1

NOTE: DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

MATERIAL: HYDRA POOLS
LAYOUT, 16' X 36' X 36', AMEBA, LEFT, 8' DEEP, HS106N, LIGHT, 2-1084, 3-INLET, 600 SERIES


FILE NAME: 00017255
ENGINEERING DRAWING NUMBER: 00017255
DATE: 6/24/2013
DESIGNER: BUMPHREY
TITLE: HYDRA POOLS
ARCHITECTURE: 1/16/2018
REVISIONS: LAST REVISED BY: 1/16/2018
MATERIAL: HS106N
DESIGNATED BY: BUMPHREY
ANALYSIS: 1/16/2018
DESIGNED BY: BUMPHREY
DRAWING NUMBER: 00017255
MATERIAL: HS106N
DATE: 1/16/2018
LAST REVISED DATE: 1/16/2018
TITLE: HYDRA POOLS
LAYOUT, 16' X 36' X 36', AMEBA, LEFT, 8' DEEP, HS106N, LIGHT, 2-1084, 3-INLET, 600 SERIES

00017255
1/16/2018
A
1:1/162
1 OF 5

THIRD ANGLE PROJECTION
NOTES:

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DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

TOLERANCES

DECGIALS:  
X ± 0.1
XX ± 0.01
XXX ± 0.001
XXXX ± 0.0005

ANGULAR:  
X ± 0.5

THIRD ANGLE PROJECTION

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

PART NUMBER: 00017255

HYDRA POOLS

LAYOUT, 16' X 36' X 36', AMEBA, LEFT, 8' DEEP, HST06N, LIGHT, 2-1084, 3-INLET, 600 SERIES