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 PSI.

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. FOLLOW ALL CURRENT ANSI / APSP / 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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**ITEM** | **FILE NAME** | **DESCRIPTION** | **CUSTOMER DRAWING #** | **VENDOR PART #** | **QTY**
--- | --- | --- | --- | --- | ---
1 | BOLT, PACK | BOLT, FLANGE, 3/8-16 X 1" PACK (50) | HPS1916 | HPS1916 | 6
2 | BRACE | BRACE, POOL OVER WITH TURNBUCKLE, STEEL, HPSFOB | HPSFOB | HPSFOB | 14
3 | PANEL, STRAIGHT | PANEL, 1' LONG, 700 SERIES | HPSE10TP | HPSE10TP | 1
4 | PANEL, RADIUS | PANEL, 10' RADIUS, 3' LONG, 700 SERIES | HPSE10R5 | HPSE10R5 | 1
5 | PANEL, RADIUS | PANEL, 10' RADIUS, 8' LONG, 700 SERIES | HPSE10R8 | HPSE10R8 | 1
6 | PANEL, RADIUS | PANEL, 10' RADIUS, 8' LONG, INLET, 700 SERIES | HPSE10R8I | HPSE10R8I | 1
7 | PANEL, STRAIGHT | PANEL, 8' LONG, 1084, 700 SERIES | HPSE1084 | HPSE1084 | 1
8 | PANEL, STRAIGHT | PANEL, 8' LONG, INLET, 700 SERIES | HPSE108I | HPSE108I | 1
9 | PANEL, RR | PANEL, 8' REVERSE RADIUS, 8' LONG, 700 SERIES | HPSE8RR8 | HPSE8RR8 | 1
10 | PANEL, RADIUS | PANEL, 9' RADIUS, 3' LONG, 700 SERIES | HPSE9R5 | HPSE9R5 | 1
11 | PANEL, RADIUS | PANEL, 9' RADIUS, 5' LONG, 700 SERIES | HPSE9R5 | HPSE9R5 | 1
12 | PANEL, RADIUS | PANEL, 9' RADIUS, 8' LONG, 700 SERIES | HPSE9R5 | HPSE9R5 | 1
13 | PANEL, RADIUS | PANEL, 9' RADIUS, 8' LONG, 1084, 700 SERIES | HPSE9R5 | HPSE9R5 | 1
14 | STAKE | STAKE, 14 GA | HPSSTAKE | HPSSTAKE | 1
15 | HS106N | STEP, 8' RADIUS, 3 TREAD | HS106N | HS106N | 1
NOTES:
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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.
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 / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS.

EXCAVATION NOTES:
- 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/CONTRACTOR.

AREA PERIMETER VOLUME
SQ. FT. FT. U.S. GALLONS
585.50 93.93 22074.921

WEIGHT: 22074.921 Inch³
LAYOUT, 20' X 36' STRAIGHT WALL
KIDNEY RIGHT, 8' DEEP, HS106N, 3-INLETS, 2-1084, 700 SERIES

ATLAS STEEL

DESIGNED BY: ADOLD
CREATION DATE: 7/22/2013
DETAILED BY: adold
DETAILED DATE: 2/19/2020
LAST REVISED BY: adold
LAST REVISED DATE: 2/19/2020

MATERIAL: ATLAS STEEL
COLOR: ND
FINISH: L7050
TEXTURE: 7050
HEAT TREAT: 7050
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
TOLERANCES DECIMALS
XXX ± 0.5005
XX ± 0.005
X ± 0.01
X ± 0.1

ENGINEERING DRAWING NUMBER: 00028985
WEIGHT: lbs
VOLUME: 22074.921 Inch³

0028985
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

TOLERANCES

DECIMALS:

X ± 0.1
XX ± 0.01
XXX ± 0.005
XXXX ± 0.0005

ANGULAR:

X ± 0.5

THIRD ANGLE PROJECTION

WEIGHT: 22074.921 Inch³

LAYOUT, 20' X 36' STRAIGHT WALL

KIDNEY RIGHT, 8' DEEP, HS106N, 3-INLETS, 2-1084, 700 SERIES

ATLAS STEEL

DESIGNED BY: ADOLD
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LAST REVISED BY: ADOLD

MATERIAL: ADOLD

TITLE: 00028985