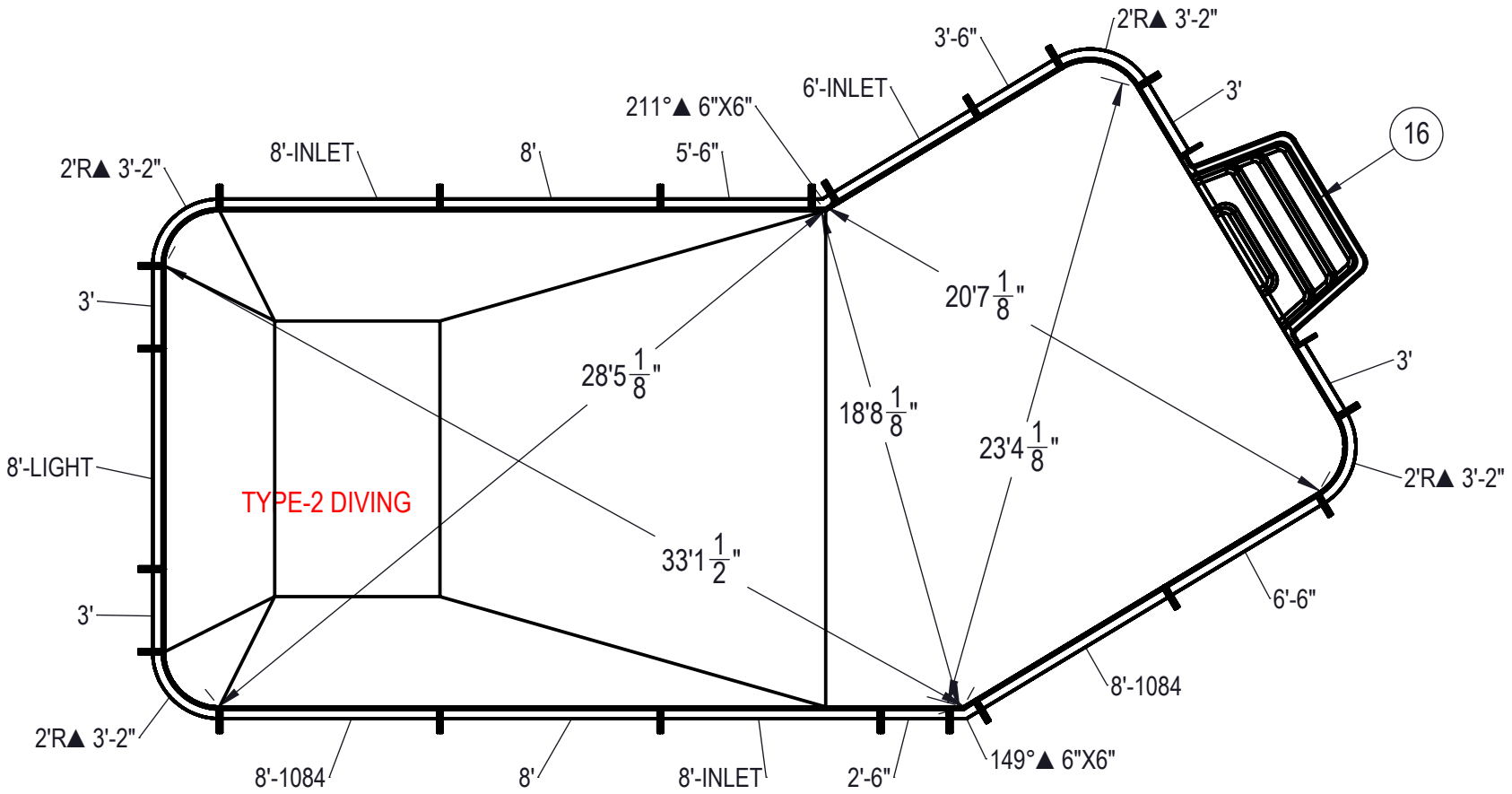
| REVISION HISTORY | | | | |
|---|---|---|---|---|
| REV. | DESCRIPTION | DATE | ECO | BY |

MIRROR NUMBER:

MADE FROM: 00017113

CHECK IN DATE/TIME: Friday, January 05, 2018 12:54:7 PM




| 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 | SBRACE | BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB | HPSFOB | HPSFOB | 23 |
| 3 | PANEL, ANGLE | PANEL, ANGLE, 6" X 6" X 149°, 600 SERIES | HPSD6X6149 | 00001388 | 1 |
| 4 | PANEL, ANGLE | PANEL, ANGLE, 6" X 6" X 211°, 600 SERIES | HPSD6X6211 | 00001396 | 1 |
| 5 | PANEL, RADIUS | PANEL, 2' RADIUS, 3-2" LONG, 600 SERIES | HPSD2R | 00000287 | 4 |
| 6 | PANEL, STRAIGHT | PANEL, 2'-6" LONG, 600 SERIES | HPSD26P | 00002021 | 1 |
| 7 | PANEL, STRAIGHT | PANEL, 3' LONG, 600 SERIES | HPSD103P | 00000643 | 4 |
| 8 | PANEL, STRAIGHT | PANEL, 3'-6" LONG, 600 SERIES | HPSD1036P | 00002022 | 1 |
| 9 | PANEL, STRAIGHT | PANEL, 5'-6" LONG, 600 SERIES | HPSD1056P | 00000649 | 1 |
| 10 | PANEL, STRAIGHT | PANEL, 6' LONG, INLET, 600 SERIES | HPSD106I | 00000221 | 1 |
| 11 | PANEL, STRAIGHT | PANEL, 6'-6" LONG, 600 SERIES | HPSD1066P | 00000678 | 1 |
| 12 | PANEL, STRAIGHT | PANEL, 8' LONG, 1084, 600 SERIES | HPSD10884 | 00002006 | 2 |
| 13 | PANEL, STRAIGHT | PANEL, 8' LONG, 600 SERIES | HPSD108P | 00000687 | 2 |
| 14 | PANEL, STRAIGHT | PANEL, 8' LONG, INLET, 600 SERIES | HPSD108I | 00000699 | 2 |
| 15 | PANEL, STRAIGHT | PANEL, 8' LONG, LIGHT, 600 SERIES | HPSD108L | 00000701 | 1 |
| 16 | HS110N | STEP, 8', TWIN SEAT, 4 TREAD | HS110N | HS110N | 1 |

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:

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.

ENGINEERING DRAWING NUMBER: 00017114

WEIGHT: lbs
VOLUME: Inch³
COLOR:
HEAT TREAT:
FINISH:
TEXTURE:

**UNLESS OTHERWISE SPECIFIED**
DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

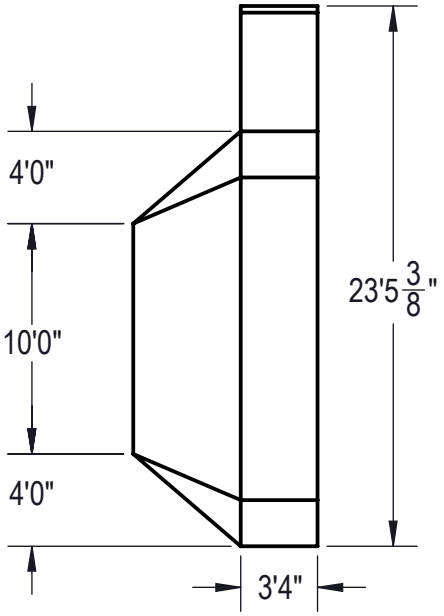
| | |
|---|---|
| DESIGNED BY: BUMPHREY | CREATION DATE: 3/15/2013 |
| DETAILED BY: BUMPHREY | DETAILED DATE: 1/5/2018 |
| LAST REVISED BY: bumphrey | LAST REVISED DATE: 1/5/2018 |
| MATERIAL: | |

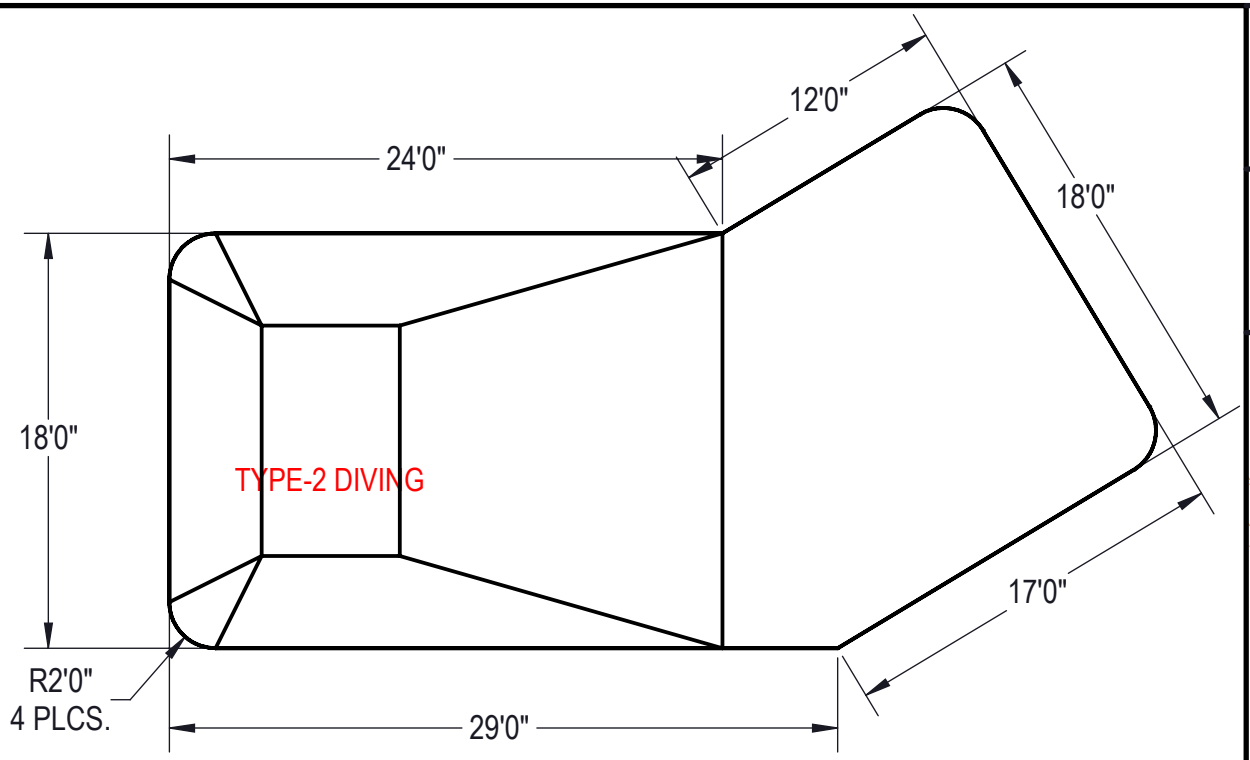
# HYDRA POOLS

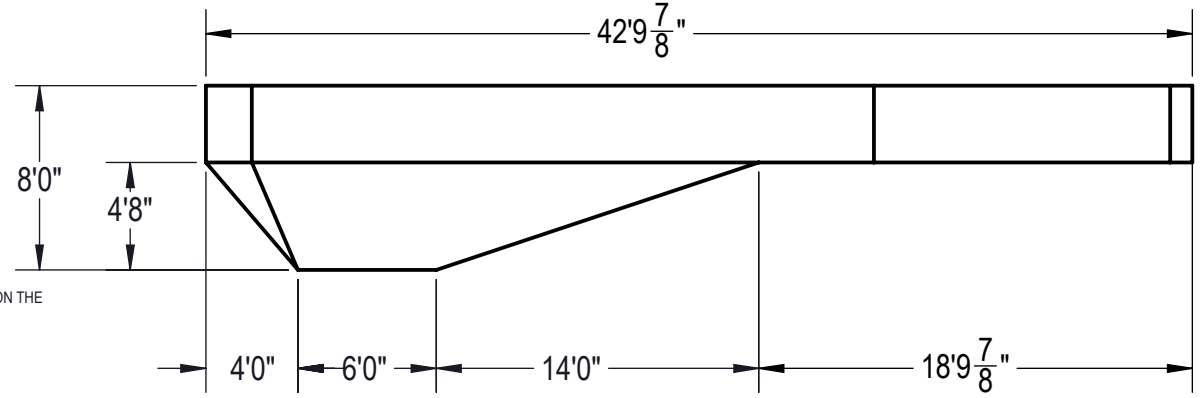
TITLE: LAYOUT, 18' X 42'10", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017114

SCALE: 1:192
SHEET: 1 OF 4
SIZE: A




**Area: 734.57ft ^2**
**Perimeter: 114.57ft**
**Volume = 26046 US gallons**

NOTES:

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ENGINEERING DRAWING NUMBER: 00017114

| | |
|---|---|
| WEIGHT: | lbs |
| VOLUME: | Inch³ |
| COLOR: | NA |
| HEAT TREAT: | NA |
| FINISH: | NA |
| TEXTURE: | NA |

**UNLESS OTHERWISE SPECIFIED**
DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005
ANGULAR: X ± 0.5
THIRD ANGLE PROJECTION

| | | | |
|---|---|---|---|
| DESIGNED BY: | BUMPHREY | CREATION DATE: | 3/15/2013 |
| DETAILED BY: | BUMPHREY | DETAILED DATE: | 1/5/2018 |
| LAST REVISED BY: | bumphrey | LAST REVISED DATE: | 1/5/2018 |
| MATERIAL: | | | |

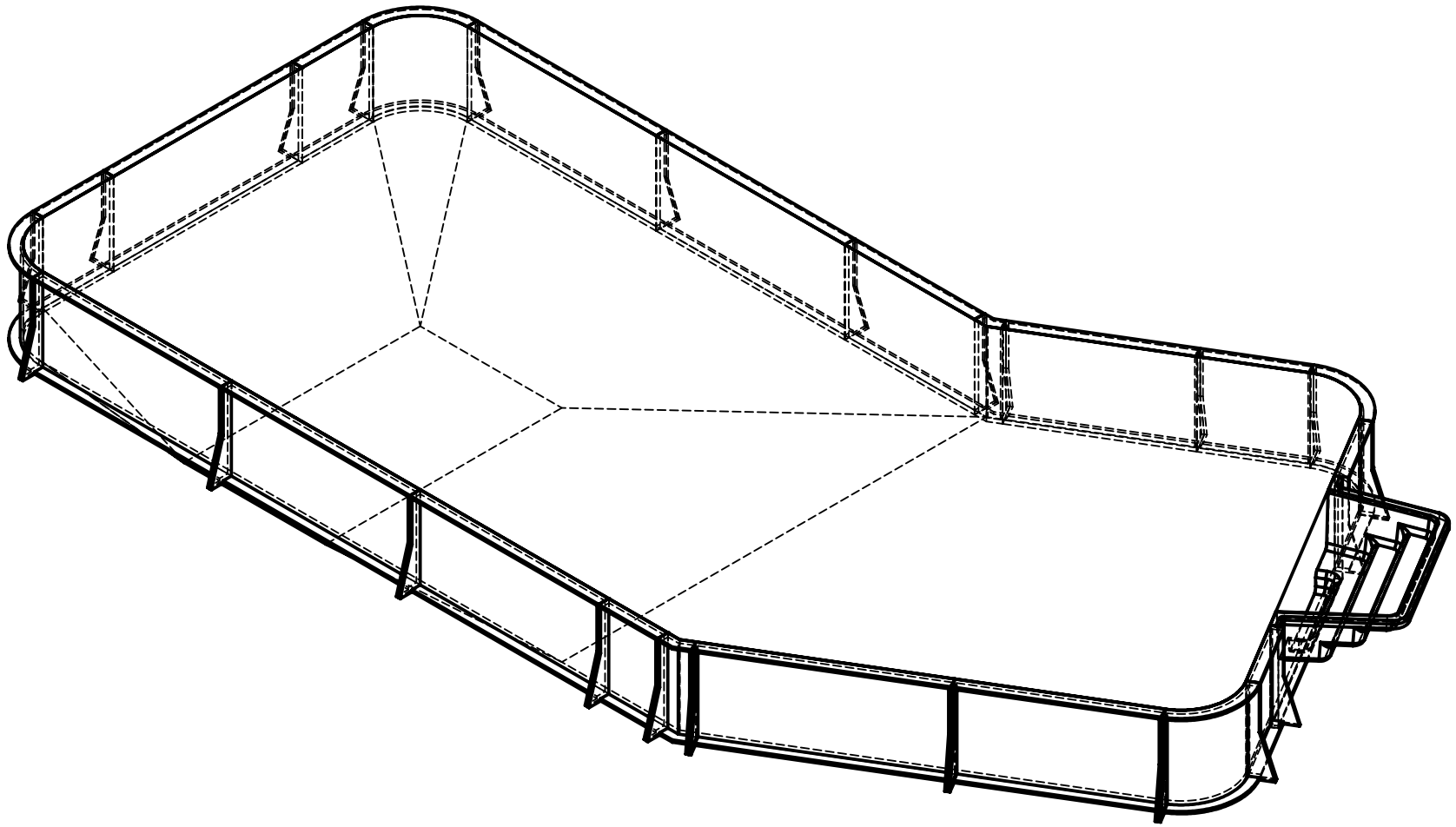
HYDRA POOLS

TITLE: LAYOUT, 18' X 42'10", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017114

SCALE: 1:128
SHEET: 2 OF 4
SIZE: A

MIRROR NUMBER:
MADE FROM: 00017113
CHECK IN DATE/TIME: Friday, January 05, 2018 12:59 PM



MIRROR NUMBER:

MADE FROM: 00017113

CHECK IN DATE/TIME: Friday, January 05, 2018 12:54:7 PM

ENGINEERING DRAWING NUMBER: 00017114

| | |
|---|---|
| WEIGHT: lbs | |
| VOLUME: Inch³ | |
| COLOR: | |
| HEAT TREAT: | |
| FINISH: | |
| TEXTURE: | |

**UNLESS OTHERWISE SPECIFIED**

DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

| | |
|---|---|
| DESIGNED BY: BUMPHREY | CREATION DATE: 3/15/2013 |
| DETAILED BY: BUMPHREY | DETAILED DATE: 1/5/2018 |
| LAST REVISED BY: bumphrey | LAST REVISED DATE: 1/5/2018 |
| MATERIAL: | |

# HYDRA POOLS

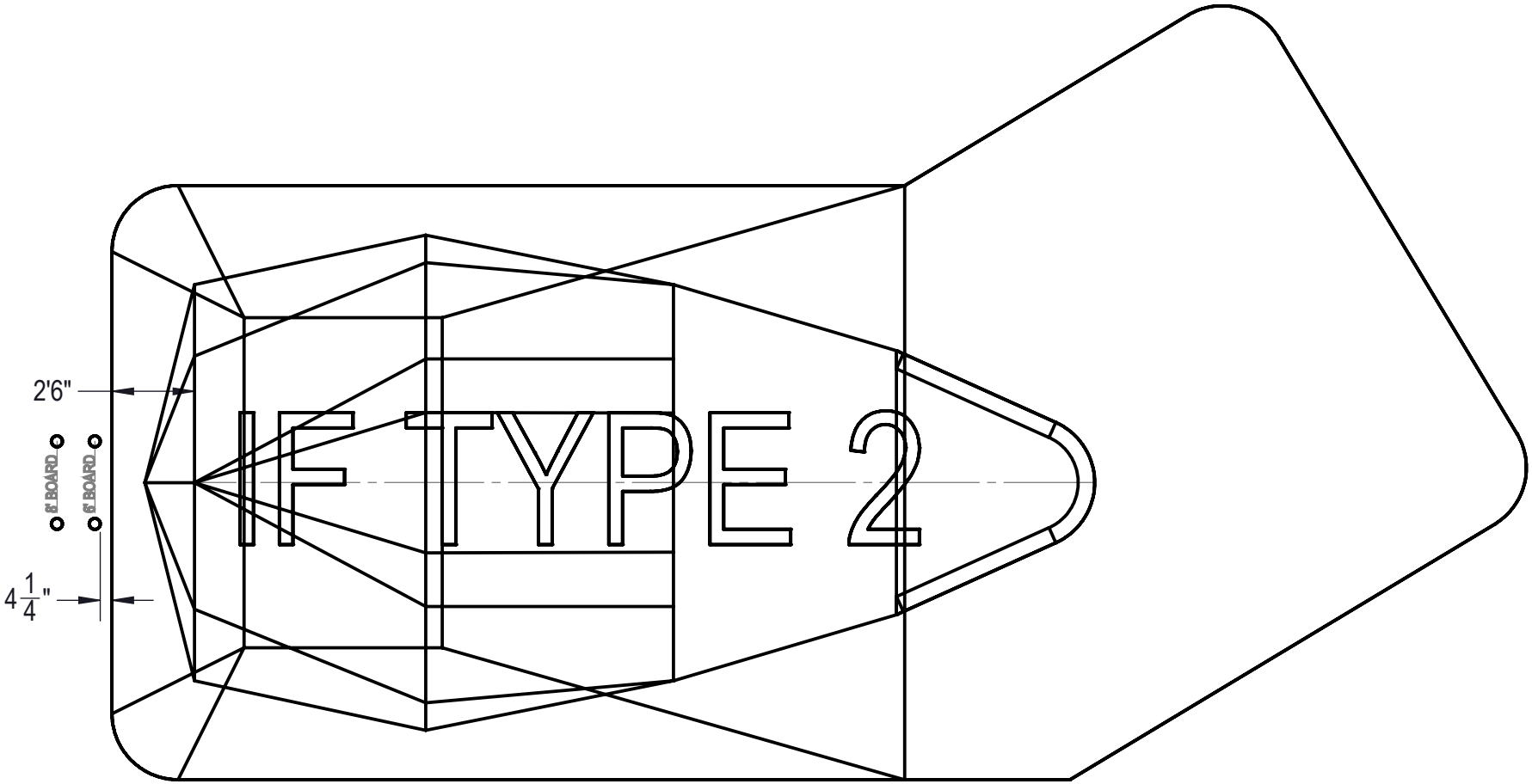
TITLE: LAYOUT, 18' X 42'10", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017114

SCALE: 1:128

SIZE: A

SHEET: 3 OF 4




MIRROR NUMBER:

MADE FROM: 00017113

CHECK IN DATE/TIME: Friday, January 05, 2018 12:54:7 PM

ENGINEERING DRAWING NUMBER: 00017114

| | |
|---|---|
| WEIGHT: lbs | |
| VOLUME: Inch³ | |
| COLOR: | |
| HEAT TREAT: | |
| FINISH: | |
| TEXTURE: | |

**UNLESS OTHERWISE SPECIFIED**

DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: X ± .1
XX ± .01
XXX ± .001
XXXX ± .0005

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

| | | | |
|---|---|---|---|
| DESIGNED BY: | BUMPHREY | CREATION DATE: | 3/15/2013 |
| DETAILED BY: | BUMPHREY | DETAILED DATE: | 1/5/2018 |
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| MATERIAL: | | | |

# HYDRA POOLS

TITLE: LAYOUT, 18' X 42'10", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017114

SCALE: 1:128

SIZE: A

SHEET: 4 OF 4