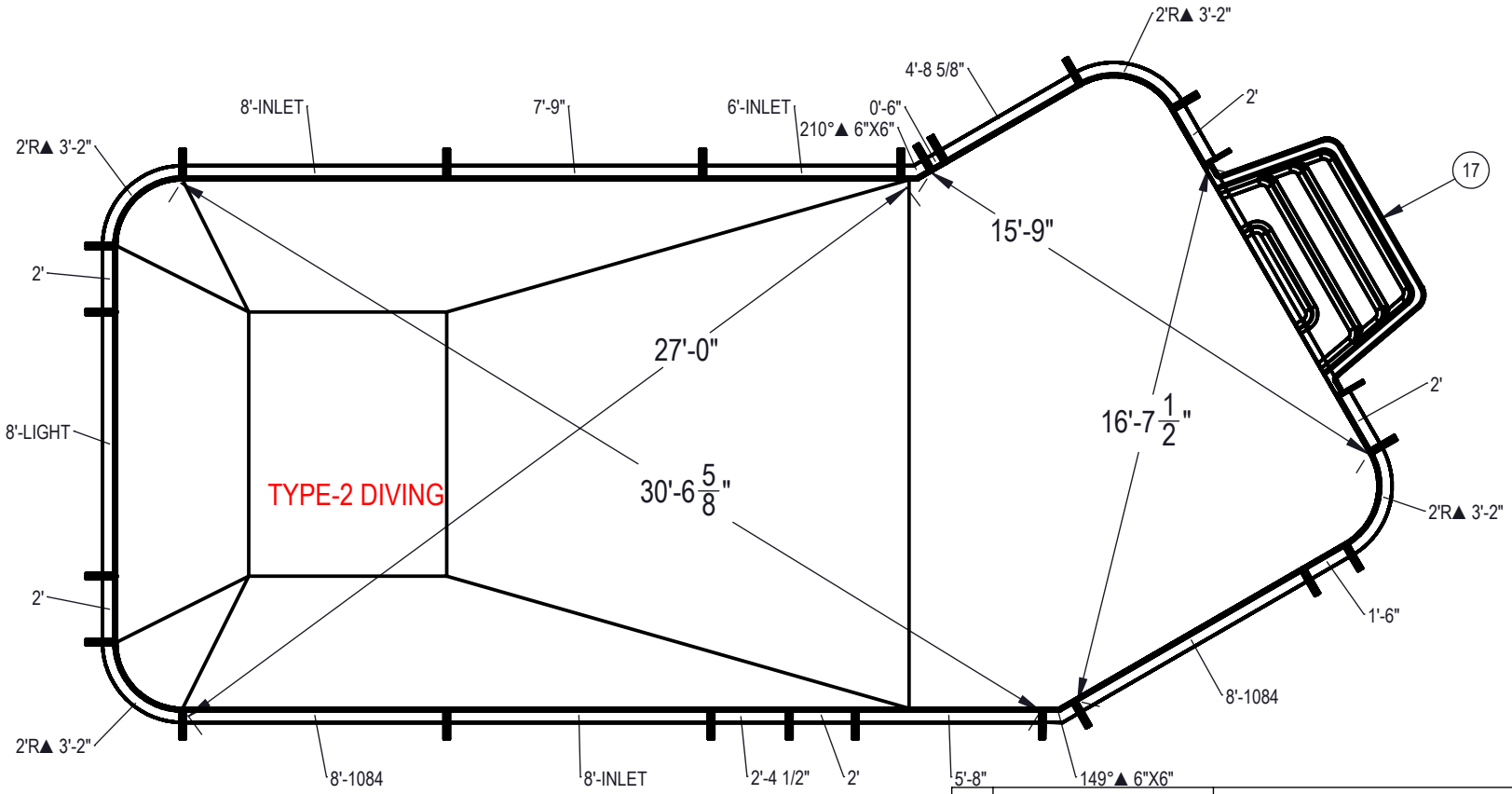
REVISION HISTORY				
REV.	DESCRIPTION	DATE	ECO	BY

MIRROR NUMBER:

MADE FROM: 00009675

CHECK IN DATE/TIME: Thursday, January 04, 2018 4:20:56 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	24
3	PANEL, ANGLE	PANEL, ANGLE, 6" X 6" X 149°, 600 SERIES	HPSD6X6149	00001388	1
4	PANEL, ANGLE	PANEL, ANGLE, 6" X 6" X 210°, 600 SERIES	HPSDLLR	00001675	1
5	PANEL, STRAIGHT	PANEL, 0'-6" LONG, 600 SERIES	HPSD6P	00001405	1
6	PANEL, STRAIGHT	PANEL, 1'-6" LONG, 600 SERIES	HPSD16P	00001252	1
7	PANEL, STRAIGHT	PANEL, 2' LONG, 600 SERIES	HPSD102P	00000639	5
8	PANEL, RADIUS	PANEL, 2' RADIUS, 3-2" LONG, 600 SERIES	HPSD2R	00000287	4
9	PANEL, STRAIGHT	PANEL, 2'-4 1\2" LONG, 600 SERIES	HPSCS3P	00005648	1
10	PANEL, STRAIGHT	PANEL, 4'-8 5\8" LONG, 600 SERIES	HPSCS5	00007216	1
11	PANEL, STRAIGHT	PANEL, 5'-8" LONG , 600 SERIES	HPSCS6	00002188	1
12	PANEL, STRAIGHT	PANEL, 6' LONG, INLET, 600 SERIES	HPSD106I	00000221	1
13	PANEL, STRAIGHT	PANEL, 7'-9" LONG, 600 SERIES	HPSCS8	00006886	1
14	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 600 SERIES	HPSD10884	00002006	2
15	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 600 SERIES	HPSD108I	00000699	2
16	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 600 SERIES	HPSD108L	00000701	1
17	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: 00017104

WEIGHT: 287870.6 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:	CREATION DATE:
BUMPHREY	3/15/2013
DETAILED BY:	DETAILED DATE:
BUMPHREY	1/4/2017
LAST REVISED BY:	LAST REVISED DATE:
bumphrey	1/4/2018
MATERIAL:	

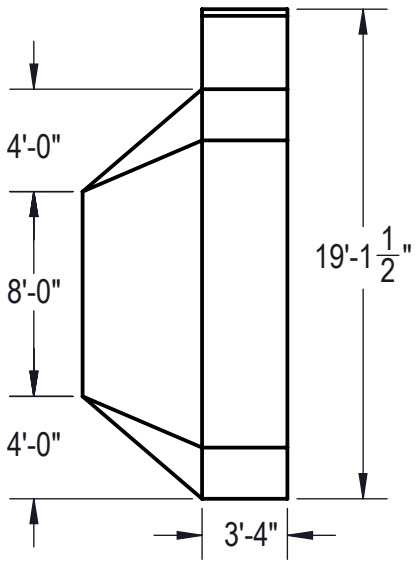
HYDRA POOLS

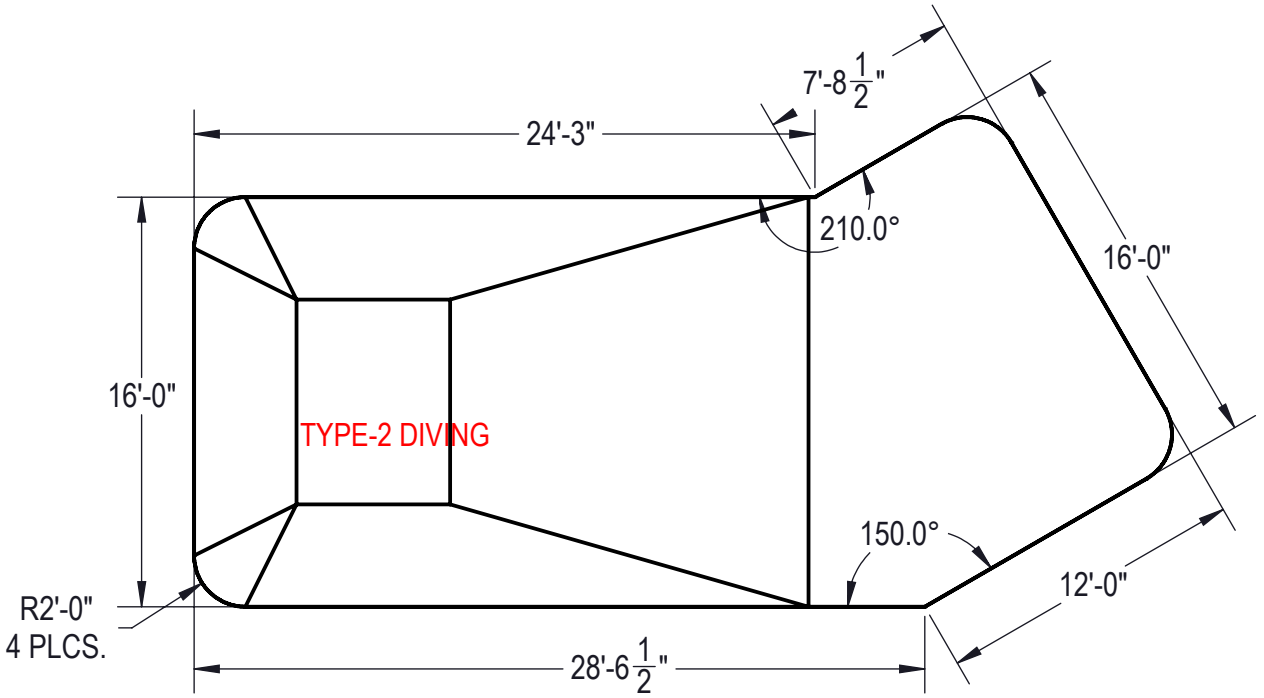
TITLE: LAYOUT, 16' X 38'2", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017104

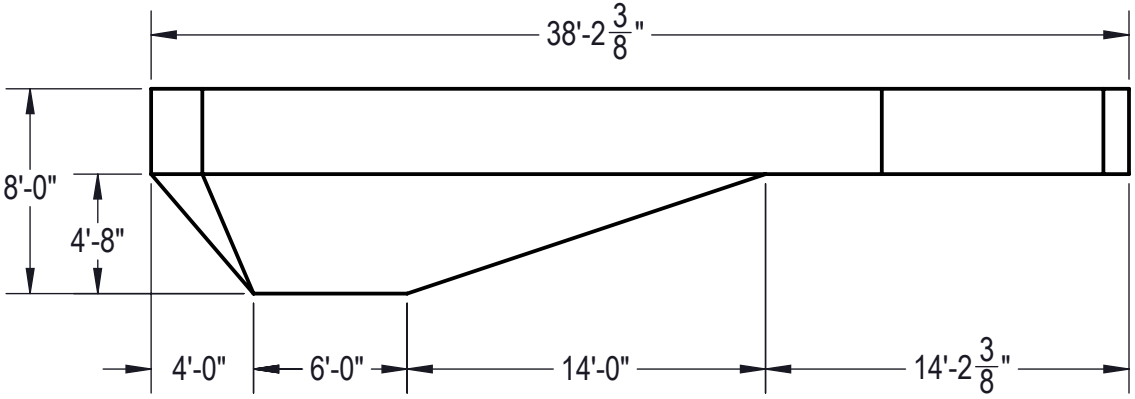
SCALE: 1:60
SHEET: 1 OF 4
SIZE: A

C:\PDMworking\00017104





Area: 576.57ft ^2
Perimeter: 101.07ft
Volume = 21059 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/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: 00017104

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:	1/4/2017
LAST REVISED BY:	bumphrey	LAST REVISED DATE:	1/4/2018
MATERIAL:			

HYDRA POOLS

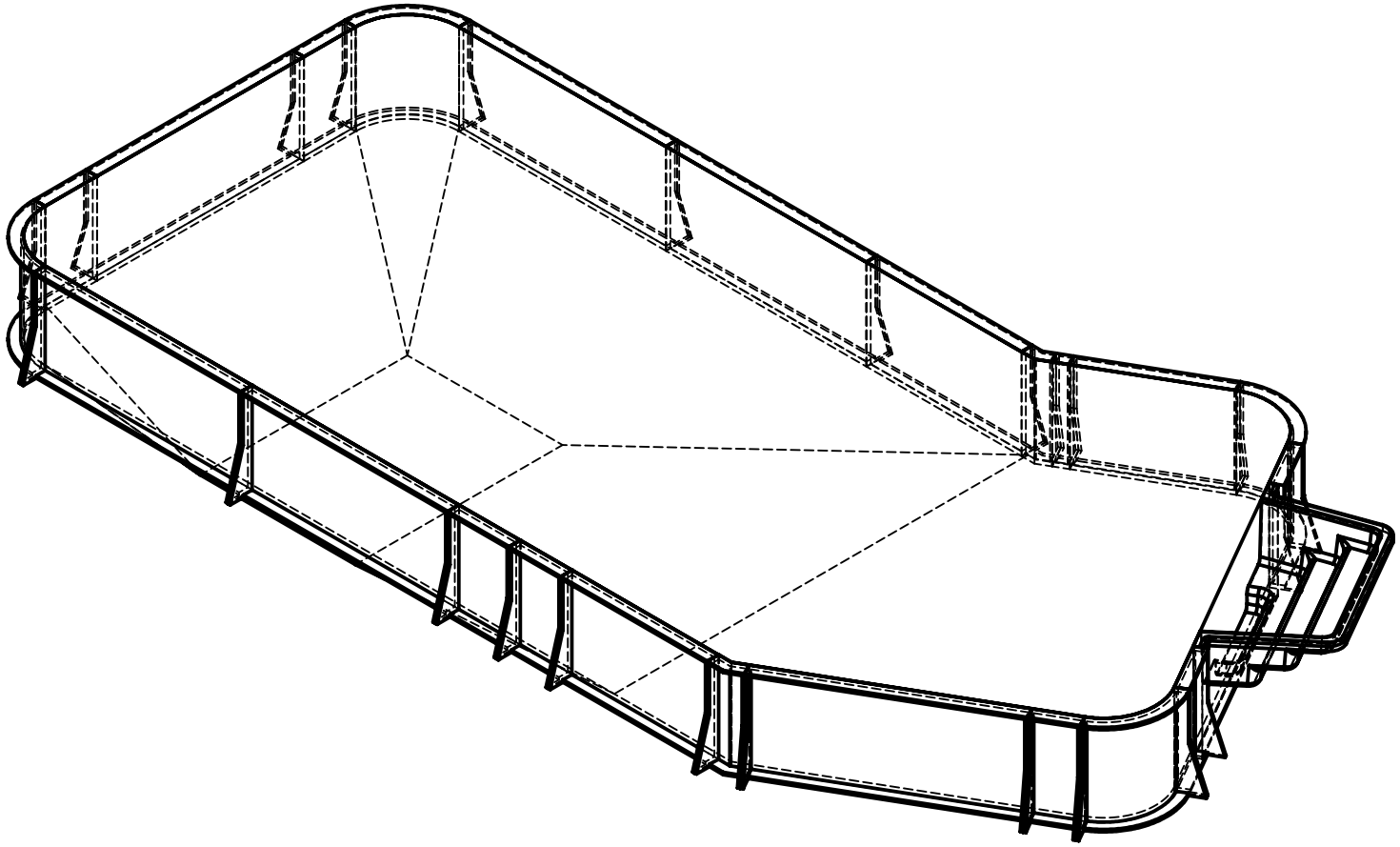
TITLE: LAYOUT, 16' X 38'2", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017104

SCALE: 1:84
SHEET: 2 OF 4
SIZE: A

C:\PDMworking\00017104

MIRROR NUMBER:
MADE FROM: 00009675
CHECK IN DATE/TIME: Thursday, January 04, 2018 4:20:19 PM



MIRROR NUMBER:

MADE FROM: 00009675

CHECK IN DATE/TIME: Thursday, January 04, 2018 4:20:56 PM

ENGINEERING DRAWING NUMBER: 00017104

WEIGHT:	287870.6 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:	1/4/2017
LAST REVISED BY:	bumphrey	LAST REVISED DATE:	1/4/2018
MATERIAL:			

HYDRA POOLS

TITLE: LAYOUT, 16' X 38'2", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

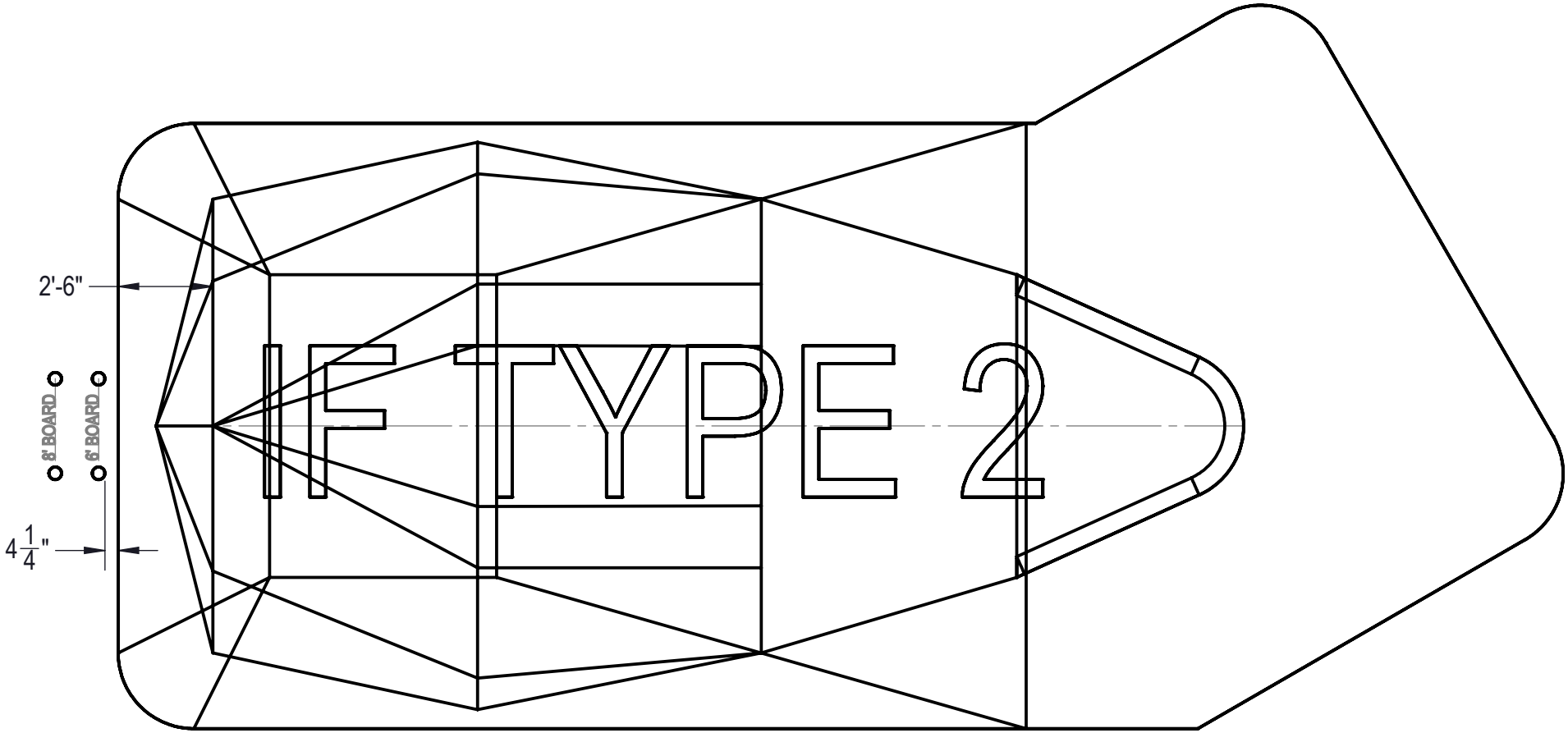
PART NUMBER: 00017104

SCALE: 1:60

SHEET: 3 OF 4

SIZE: A

C:\PDMworking\00017104



MIRROR NUMBER:

MADE FROM: 00009675

CHECK IN DATE/TIME: Thursday, January 04, 2018 4:20:56 PM

ENGINEERING DRAWING NUMBER: 00017104

WEIGHT:	287870.6 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:	1/4/2017
LAST REVISED BY:	bumphrey	LAST REVISED DATE:	1/4/2018
MATERIAL:			

HYDRA POOLS

TITLE: LAYOUT, 16' X 38'2", LAZY L, RIGHT, 2' RADIUS, 8' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017104

SCALE: 1:60

SHEET: 4 OF 4

SIZE: A