Pool layout diagram labels:

- 4'R▲ 6'-3 3/8"
- 8'-INLET
- 5'-6"
- 8'-INLET
- 210°▲6"X6"
- 4'-8"
- 1'
- (16)
- 4'R▲ 6'-3 3/8"
- 1'
- 28'-5 1/8"
- 16'-8 7/8"
- TYPE-2 DIVING
- 8'-LIGHT
- 33'-10 1/4"
- 1'
- 4'R▲ 6'-3 3/8"
- 1'
- 1'-6"
- 8'-1084
- 4'R▲ 6'-3 3/8"
- 8'-1084
- 8'-INLET
- 0'-9"
- 6'-5 1/8"
- 3'-2"
- 149°▲6"X6"

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
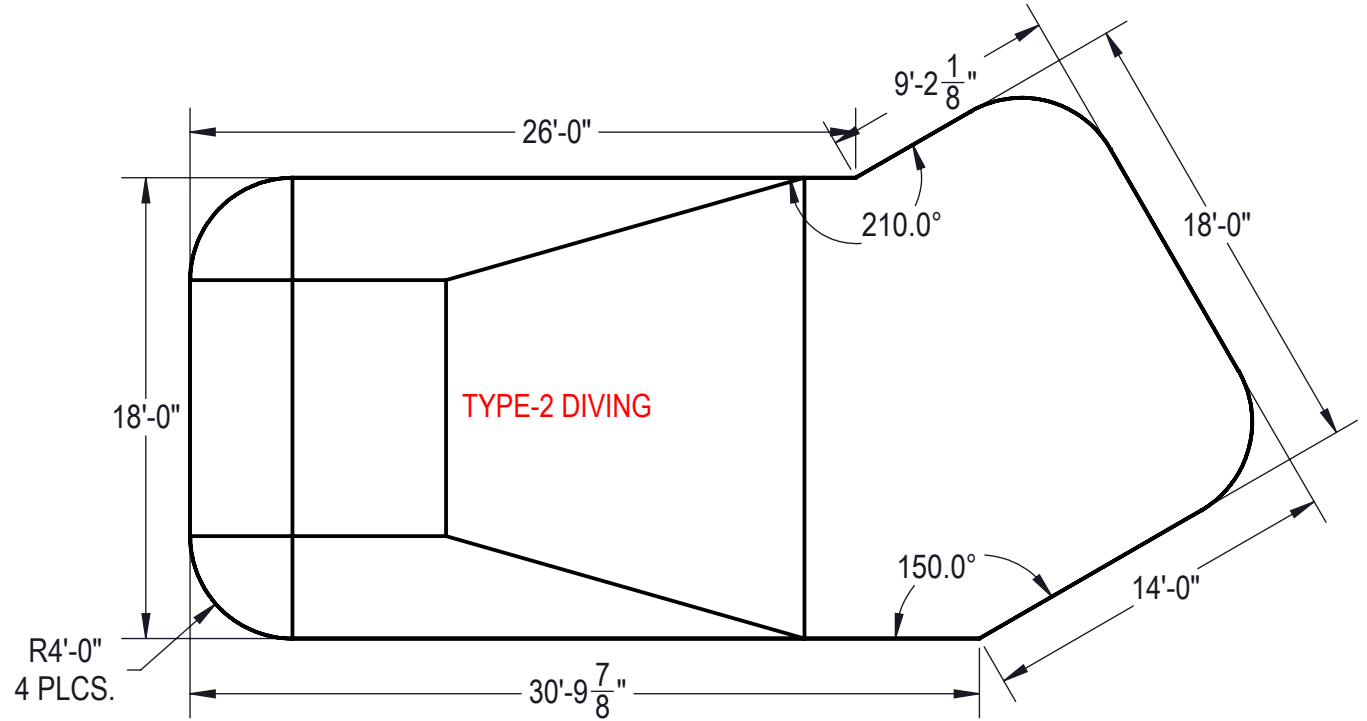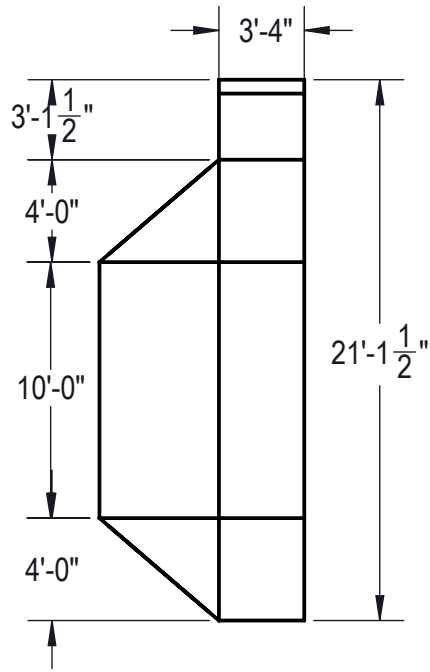
IMPORTANT NOTES:

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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	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 210°, 600 SERIES	HPSDLLR	00001675	1
5	PANEL, STRAIGHT	PANEL, 0'-9" LONG, 600 SERIES	HPSD9P	00001694	1
6	PANEL, STRAIGHT	PANEL, 1' LONG, 600 SERIES	HPSD101P	00000621	4
7	PANEL, STRAIGHT	PANEL, 1'-6" LONG, 600 SERIES	HPSD16P	00001252	1
8	PANEL, STRAIGHT	PANEL, 3'-2" LONG, 600 SERIES	HPSCS4P	00007503	1
9	PANEL, RADIUS	PANEL, 4' RADIUS, 6'-3 3\8" LONG, 600 SERIES	HPSD4R	00000289	4
10	PANEL, STRAIGHT	PANEL, 4'-8" LONG, 600 SERIES	HPSCS5	00009744	1
11	PANEL, STRAIGHT	PANEL, 5'-6" LONG, 600 SERIES	HPSD1056P	00000649	1
12	PANEL, STRAIGHT	PANEL, 6'-5 1\8" LONG, 600 SERIES	HPSCS7	00002951	1
13	PANEL, STRAIGHT	PANEL, 8' LONG, 1084, 600 SERIES	HPSD10884	00002006	2
14	PANEL, STRAIGHT	PANEL, 8' LONG, INLET, 600 SERIES	HPSD108I	00000699	3
15	PANEL, STRAIGHT	PANEL, 8' LONG, LIGHT, 600 SERIES	HPSD108L	00000701	1
16	HS110N	STEP, 8', TWIN SEAT, 4 TREAD	HS110N	HS110N	1

WEIGHT: 324270.6 lbs
VOLUME: Inch³
COLOR:
HEAT TREAT:
FINISH:
TEXTURE:
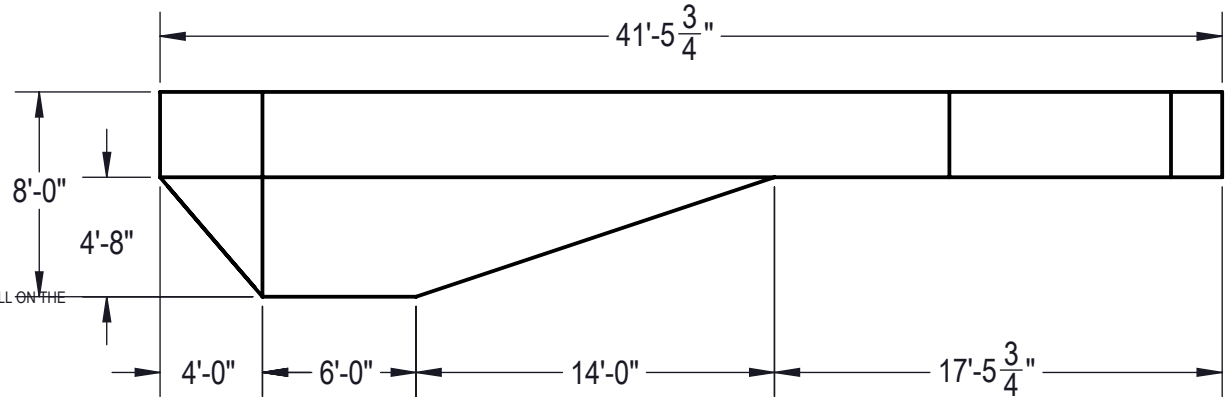
ENGINEERING DRAWING NUMBER: 00017471

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: JBOSSERDET
CREATION DATE: 3/15/2013
DETAILED BY: RSANVICENTE
DETAILED DATE: 1/31/2017
LAST REVISED BY: hyeng
LAST REVISED DATE: 1/31/2018
MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 18' X 41' LAZY L, RIGHT, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES

PART NUMBER: 00017471

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

C:\PDMWorking\00017471

3'-4"

3'-1$\frac{1}{2}$"

4'-0"

10'-0"

4'-0"

21'-1$\frac{1}{2}$"

26'-0"

9'-2$\frac{1}{8}$"

210.0°

18'-0"

18'-0"

TYPE-2 DIVING

R4'-0"
4 PLCS.

150.0°

14'-0"

30'-9$\frac{7}{8}$"

Area: 706.27ft ^2
Perimeter: 109.13ft
Volume = 25281 US gallons

41'-5$\frac{3}{4}$"

8'-0"

4'-8"

4'-0"   6'-0"   14'-0"   17'-5$\frac{3}{4}$"

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
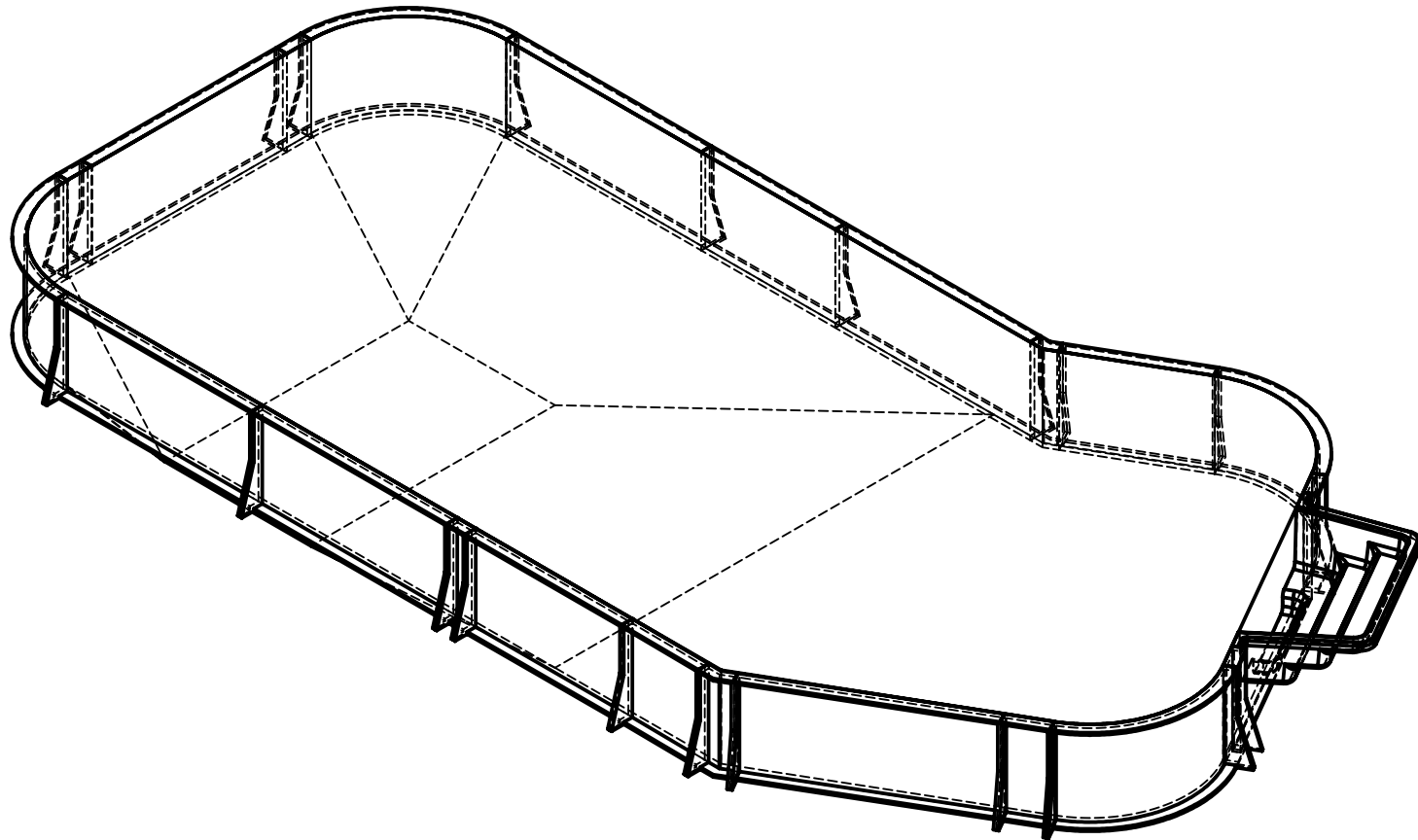4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

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.
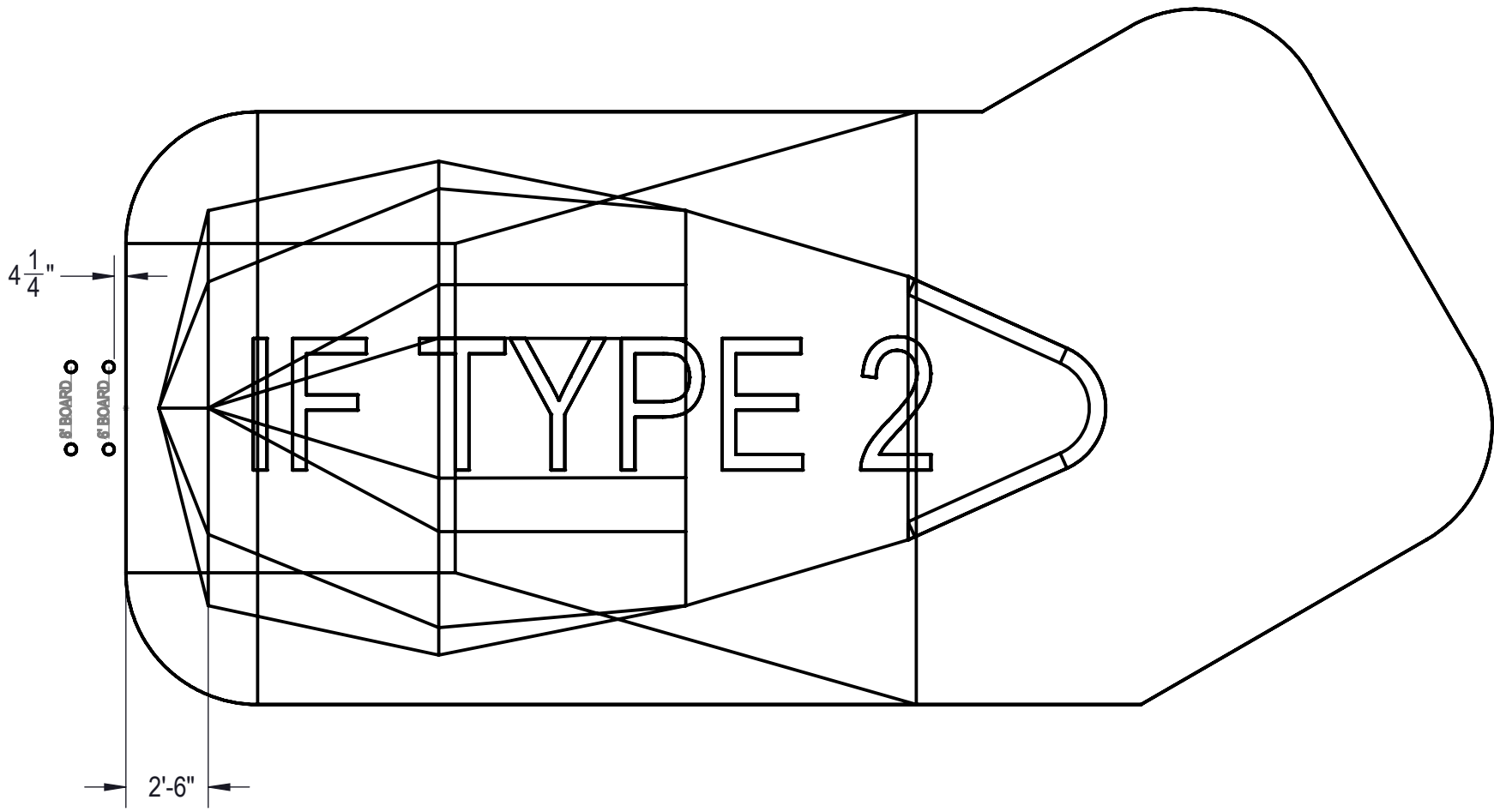11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

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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
DETAILED BY: RSANVICENTE
LAST REVISED BY: hyeng

CREATION DATE: 3/15/2013
DETAILED DATE: 1/31/2017
LAST REVISED DATE: 1/31/2018

MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 18' X 41' LAZY L, RIGHT, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES

PART NUMBER: **00017471**

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

WEIGHT: 324270.6 lbs	**UNLESS OTHERWISE SPECIFIED**
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES
COLOR:	DECIMALS: X ± .1 / XX ± .01 / XXX ± .001 / XXXX ± .0005
HEAT TREAT:	
FINISH:	ANGULAR: X ± 0.5
TEXTURE:	THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER: 00017471

C:\PDMWorking\00017471

DESIGNED BY: JBOSSERDET

CREATION DATE: 3/15/2013

DETAILED BY: RSANVICENTE

DETAILED DATE: 1/31/2017

LAST REVISED BY: hyeng

LAST REVISED DATE: 1/31/2018

MATERIAL:

HYDRA POOLS

TITLE: LAYOUT, 18' X 41' LAZY L, RIGHT, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES

PART NUMBER: 00017471

SCALE: 1:60

SIZE: A

SHEET: 3 OF 4

$4\frac{1}{4}$"

8 BOARD   8 BOARD

IF TYPE 2

2'-6"

WEIGHT: 324270.6 lbs	**UNLESS OTHERWISE SPECIFIED**	DESIGNED BY: JBOSSERDET	CREATION DATE: 3/15/2013	**HYDRA POOLS**
VOLUME: Inch³	DIMENSIONS ARE IN INCHES TOLERANCES	DETAILED BY: RSANVICENTE	DETAILED DATE: 1/31/2017	
COLOR:	DECIMALS: X ± .1 XX ± .01 XXX ± .001 XXXX ± .0005	LAST REVISED BY: hyeng	LAST REVISED DATE: 1/31/2018	TITLE: LAYOUT, 18' X 41' LAZY L, RIGHT, 4' RADIUS, 8' DEEP, HS110N, LIGHT, 3- INLET, 2- 1084, 600 SERIES
HEAT TREAT:		MATERIAL:		
FINISH:	ANGULAR: X ± 0.5			
TEXTURE:	THIRD ANGLE PROJECTION			

ENGINEERING DRAWING NUMBER: 00017471

PART NUMBER: 00017471

SCALE: 1:60

SIZE: A

SHEET: 4 OF 4