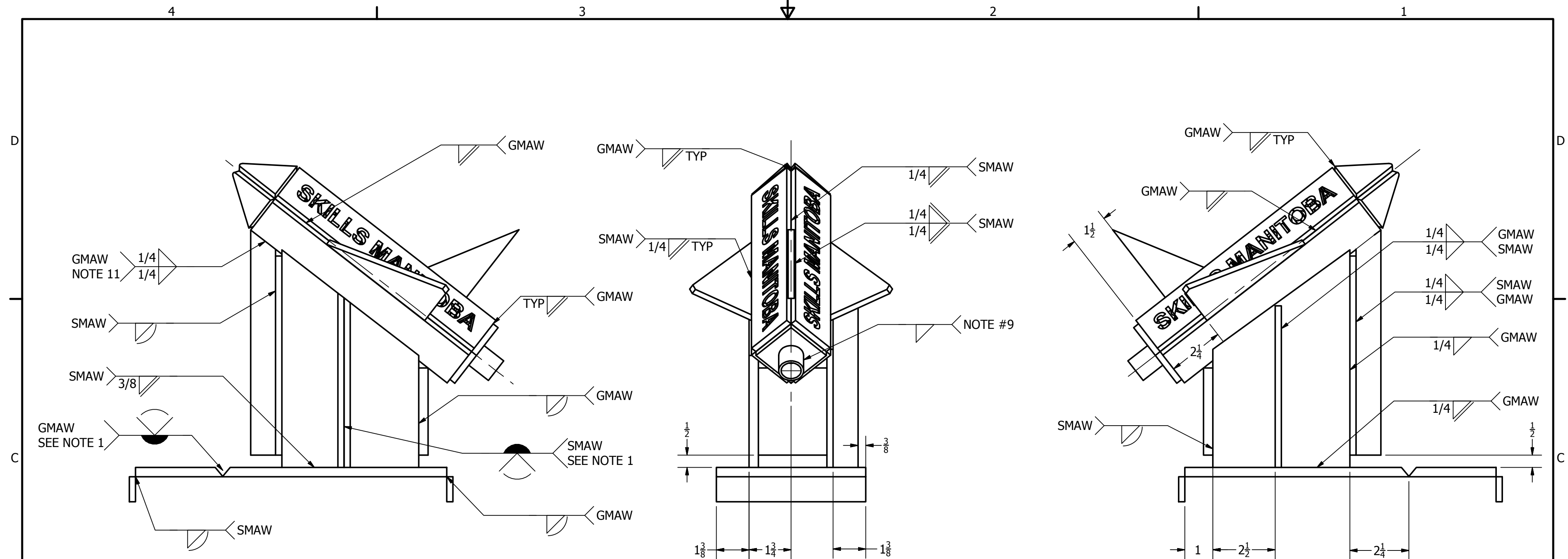




TEST PROJECT / PROJET D'ÉPREUVE

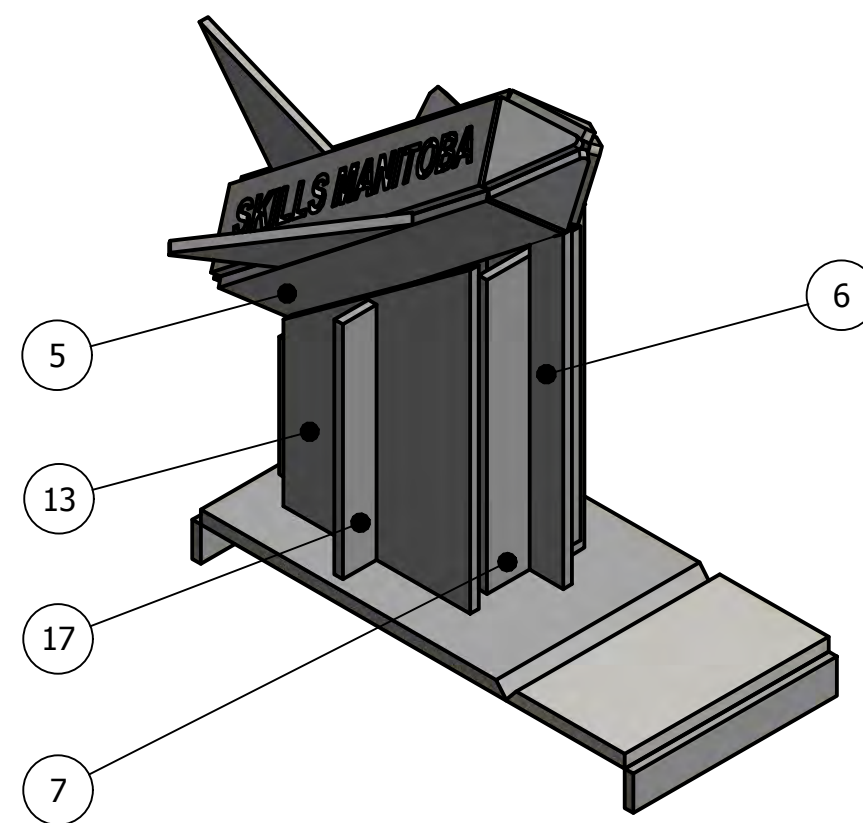
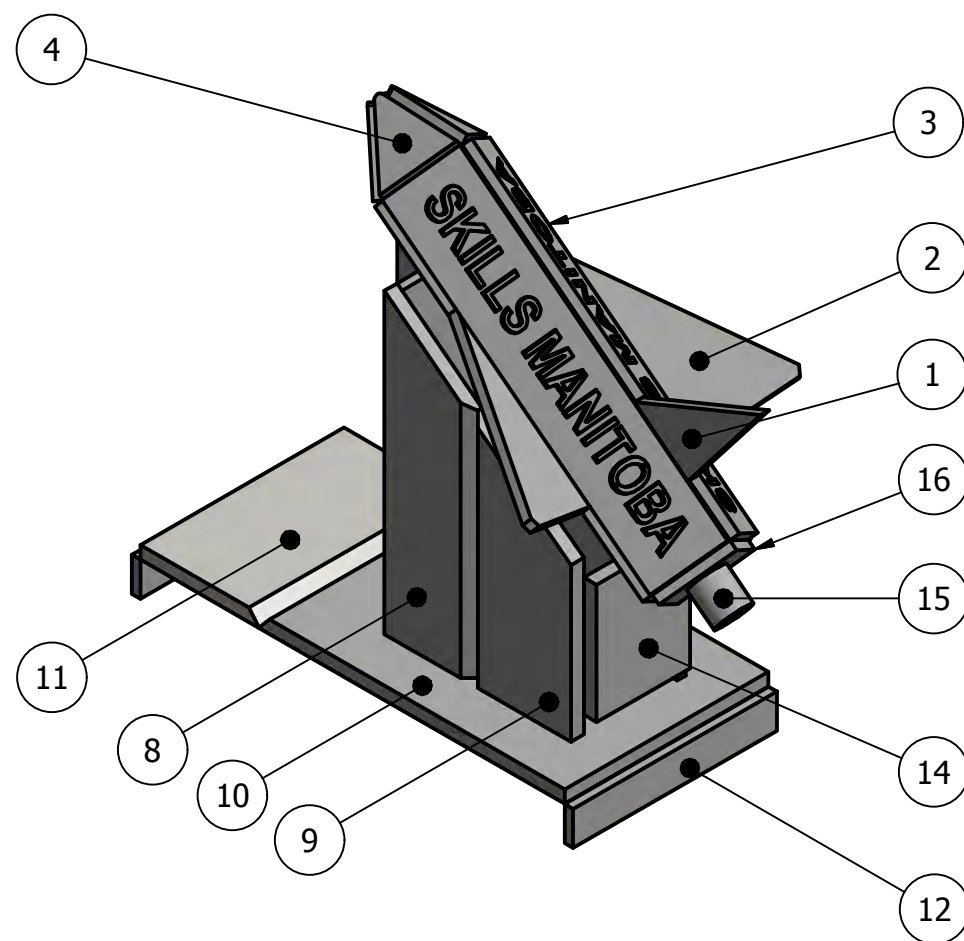
WELDING SOUDAGE

SECONDARY /
NIVEAU SECONDAIRE



NOTES:

- 1) THE GAP AND LAND FOR THE CHAMFERED JOINT IS YOUR CHOICE. (6011/6010 ROOT 7018 CAP AND FILL)
- 2) $\frac{3}{32}$ OR $\frac{1}{8}$ 7018 ELECTRODES MAY BE USED.
- 3) ALL VERTICAL WELDS TO BE VERTICAL UP.
- 4) TACK AND ASSEMBLE ALL PIECES OF THE PROJECT BEFORE WELDING.
- 5) ONCE PROJECT IS TACKED, THE BASE PLATES MUST REMAIN FLAT AT ALL TIMES. ALL WELDS TO BE IN POSITION.
- 6) BLEND ALL WELDS.
- 7) TACK "PLANE ASSEMBLY" TO CENTER OF PARTS #7 AND #14.
- 8) CENTER PART #6 ON PART #7.
- 9) CENTER PART #15 ON PART #16. WELD PARTS WITH 4 TACKS, 90° APART.
- 10) ALL DIMENSIONS IN INCHES.
- 11) DOWN HAND WELD PERMITTED.
- 12) WING ANGLES @ COMPETITOR'S DISCRETION ANGLES MUST BE THE SAME



PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	1/4" X 2" X 3 1/2"
2	2	1/4" X 3" X 5"
3	2	1/4" X 2" X 10"
4	4	1/4" X 2" X 2 1/4"
5	2	1/4" X 2" X 10"
6	1	1/4" X 1" X 9"
7	1	1/4" X 2 3/4" X 8"
8	1	3/8" X 2 1/2 X 8 3/4"
9	1	3/8" X 3" X 4 1/2"
10	1	3/8" X 6" X 9"
11	1	3/8" X 3 1/2" X 6"
12	2	1/4" X 1" X 6"
13	1	1/4" X 5 3/4" X 8 3/4"
14	1	3/8" X 2 5/8" X 3 1/2"
15	1	1/4" X 1" X 1" DIA
16	1	1/4" X 2" X 2"
17	1	1/4" X 1" X 6 1/2"

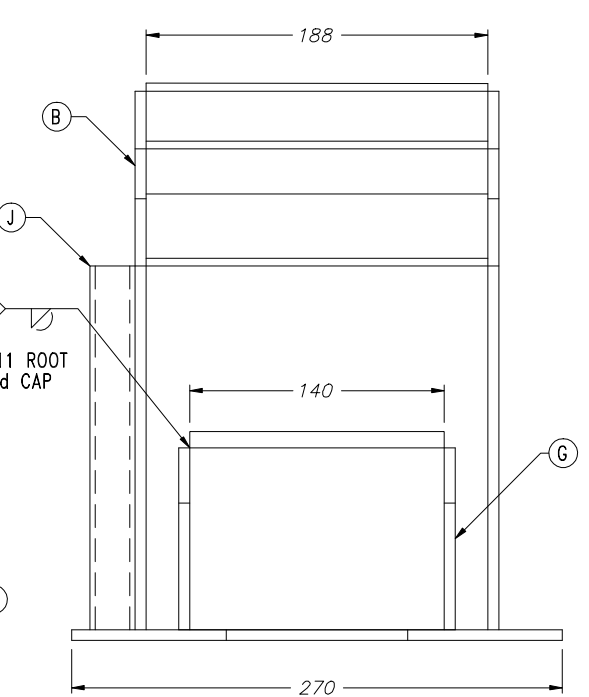
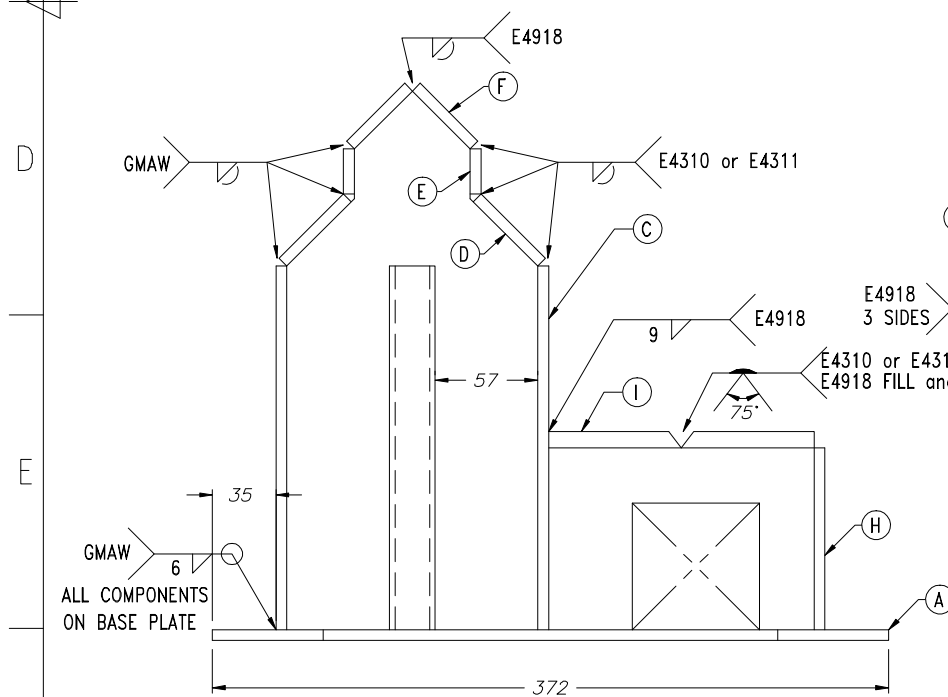
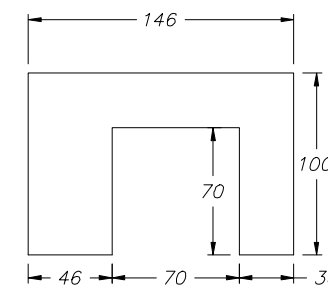
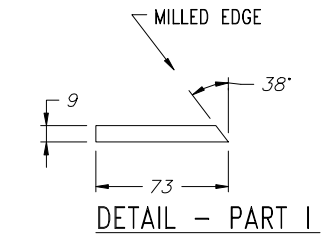
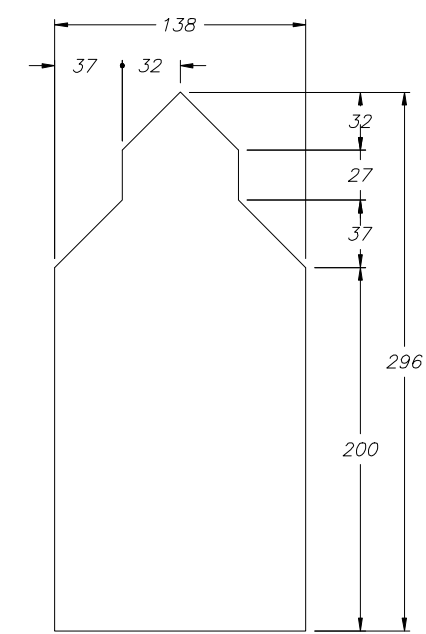
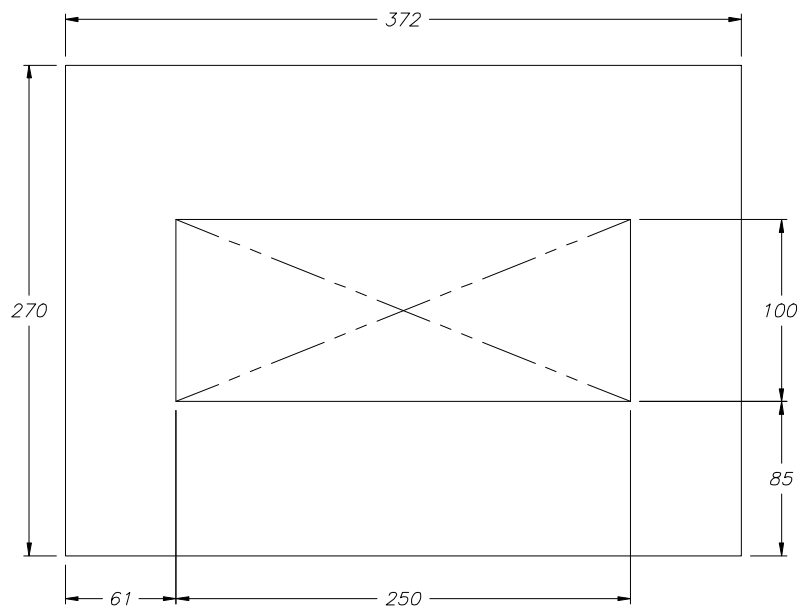
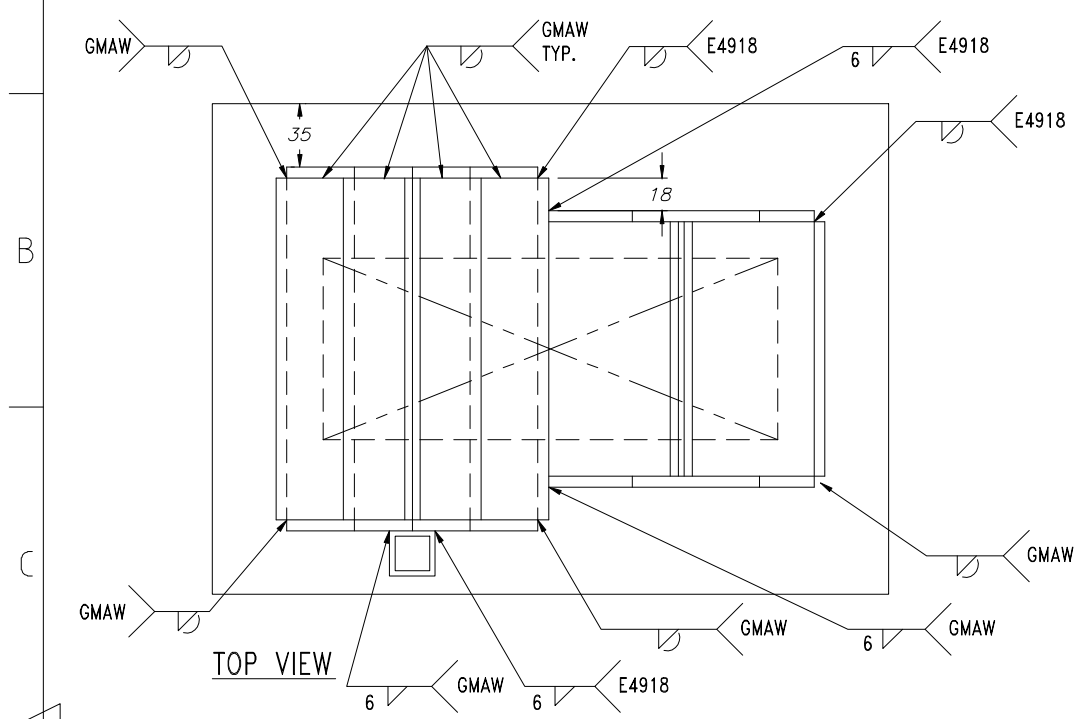
DRAWN	NOAH DE GUZMAN	17/01/2014



TIME LIMIT: 6 HOURS

NOTE:

- ALL PARTS MUST BE TACKED IN PLACE BEFORE ANY WELDING COMMENCES
- PROJECT MUST REMAIN FLAT ON ITS BASEPLATE DURING WELDING
- ALL VERTICAL WELDING IS TO BE VERTICAL UP
- ROOT OPENING AND ROOT FACE YOUR CHOICE
- ALL SMAW WELDS E4918 EXCEPT AS NOTED



**ALL DIMENSIONS IN MILLIMETRES
ALL MATERIAL MILD STEEL**

Item	Quantity	Description	Notes
J	1	HSS 25 X 25 X 3 WALL X 200	
I	2	PLATE 9 x 73 x 140	MILL ONE SIDE EACH
H	2	PLATE 6 x 100 x 140	
G	2	PLATE 6 x 100 x 146	SHAPE
F	2	PLATE 6 x 45 x 188	
E	2	PLATE 6 x 25 x 188	
D	2	PLATE 6 x 50 x 188	
C	2	PLATE 6 x 188 x 200	
B	2	PLATE 6 x 138 x 296	SHAPE
A	1	PLATE 6 x 270 x 372	SHAPE

Designed by Myron Becker	Checked by Karsten Madsen	Drawn by John Kroisenbrunner		Date Nov. 1, 2012	Scale 1:4
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DO NOT SCALE DRAWING



SKILLS CANADA

SECONDARY PROJECT #1

Revision
0

Sheet
1/1