Skills Compétences Canada
Moncton2016

TEST PROJECT

PROJET D'ÉPREUVE

WELDING

SOUDAGE

POST-SECONDARY

NIVEAU POSTSECONDAIRE

ONTINUOUS LEARNING
FORMATION CONTINUE

DIGITAL
COMPÉTENCES NUMÉRIQUES

DOCUMENT USE
UTILISATION DE DOCUMENTS

NUMERACY
CALCUL

ORAL COMMUNICATION
COMMUNICATION ORALE

READING TEXT
LECTURE

WORKING WITH OTHERS
TRAVAIL D'ÉQUIPE

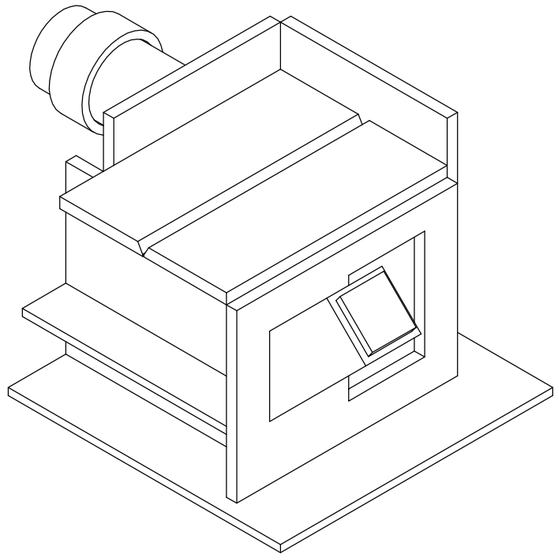
WRITING
RÉDACTION

THINKING
CAPACITÉ DE RAISONNEMENT

CANADIAN SKILLS COMPETITION 2016

WELDING PROJECTS

POST–SECONDARY



PROJECT #1

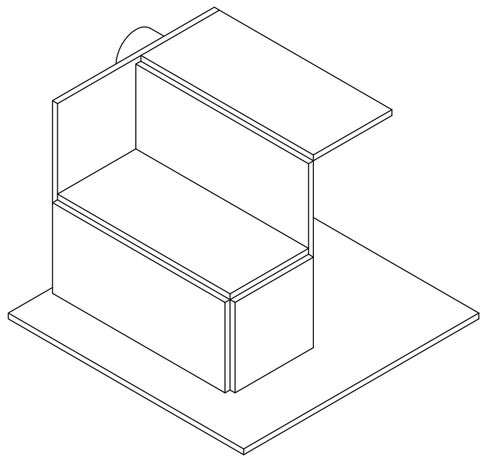
MILD STEEL

DAY 1, 6 HRS

PROJECT #2

MILD STEEL

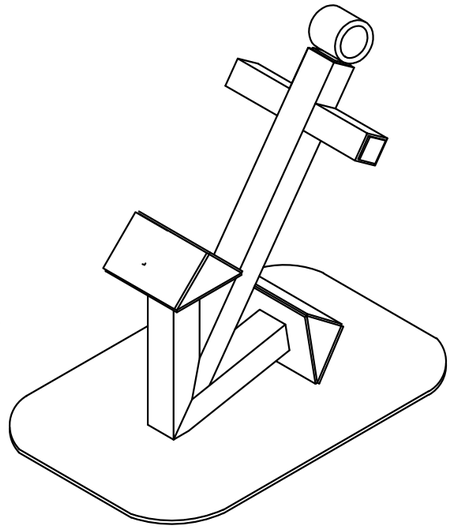
DAY 2, 2 HRS



PROJECT #3

STAINLESS STEEL

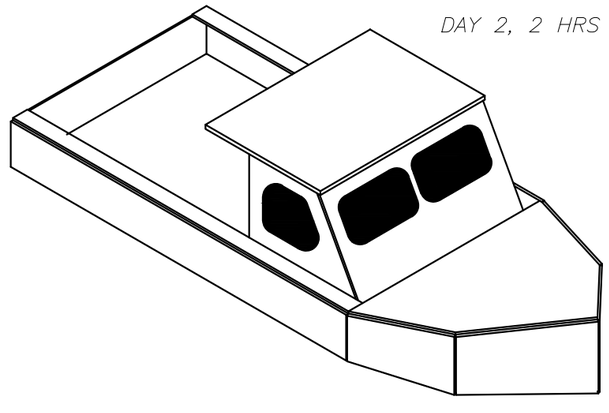
DAY 2, 2 HRS



PROJECT #4

ALUMINUM

DAY 2, 2 HRS



THE NATIONAL TECHNICAL COMMITTEE RESERVES THE RIGHT TO MAKE CHANGES TO THE PROJECTS

ALL DIMENSIONS IN MILLIMETRES

DO NOT SCALE DRAWING

Skills Compétences Canada Moncton2016

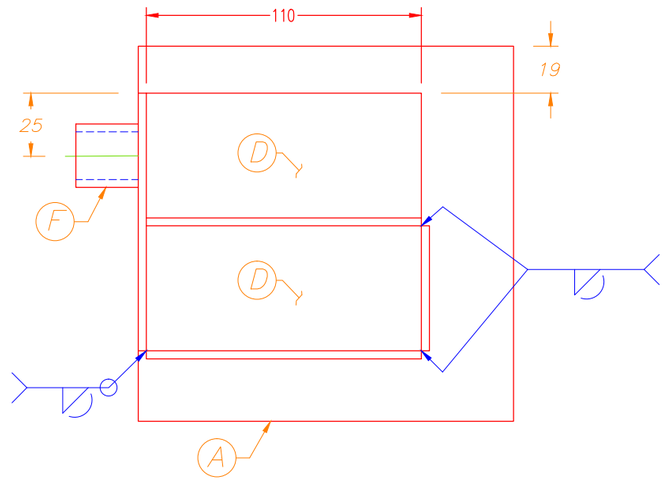
PART NAME: SKILLS CANADA – POST SECONDARY			
DRAWN BY: John Kroisenbrunner & Jason Cutts DATE: Dec. 14, 2015		SCALE: NONE	DWG.NO.: 2016–CPS–Projects

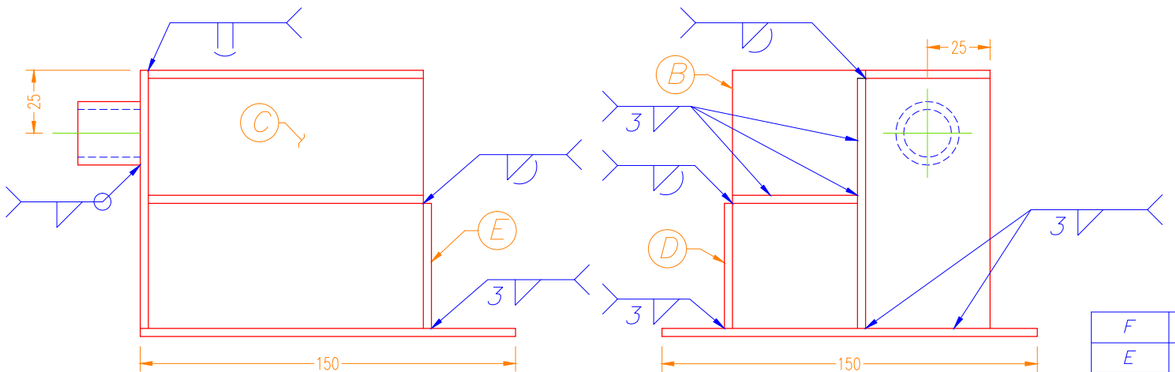
RevNo	Revision note	Date	Signature	Checked

TIME LIMIT: 2 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
- ALL WELDING WITH GTAW





ALL DIMENSIONS IN MILLIMETRES
ALL MATERIAL MILD STEEL

Item	Quantity	Description	Notes
F	1	PIPE 33.4 OD x 3.38 WALL x 25	(1" STD PIPE)
E	1	PLATE 3.2 x 50 x 50	
D	3	PLATE 3.2 x 50 x 110	
C	1	PLATE 3.2 x 100 x 110	
B	1	PLATE 3.2 x 103 x 103	
A	1	PLATE 3.2 x 150 x 150	

Designed by	Checked by	Drawn by		Date	Scale
Danny Blais	Robbie Duncan	John Kroisenbrunner		Nov. 1, 2012	1:2

DO NOT SCALE DRAWING

SkillsCompétences Canada Moncton2016

SKILLS CANADA

POST-SECONDARY PROJECT #3

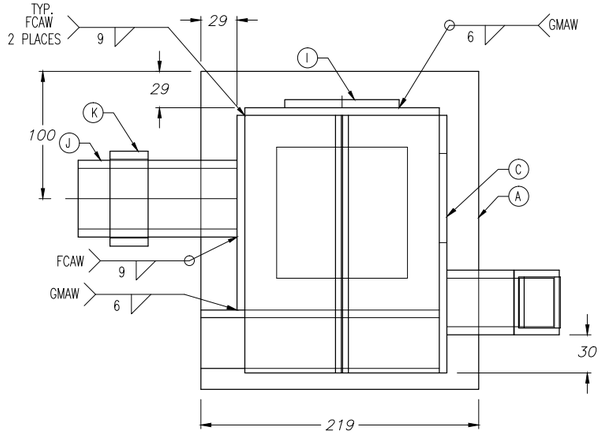
2016 - CPS - 1c	Revision 0	Sheet 1/1

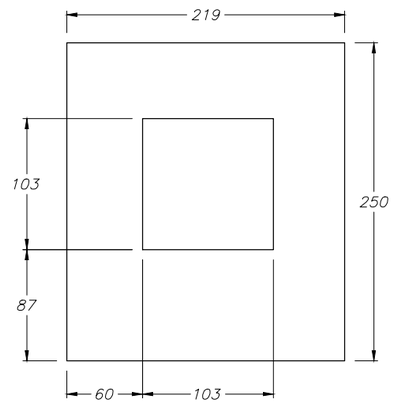
RevNo	Revision note	Date	Signature	Checked

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





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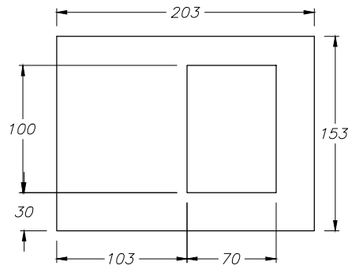

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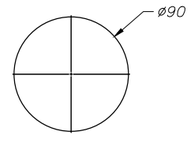

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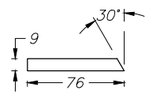

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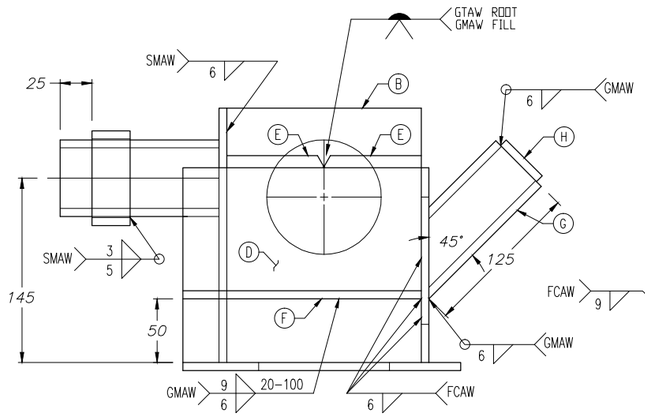
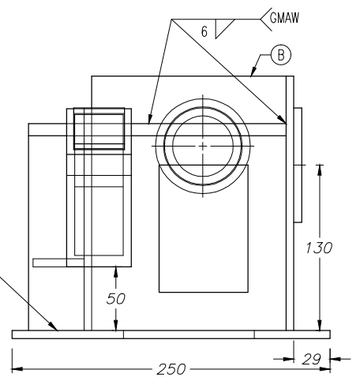




ALL DIMENSIONS IN MILLIMETRES
ALL MATERIAL MILD STEEL

Item	Quantity	Description	Notes
K	1	PIPE 73.0 OD x 5.16 WALL x 30	(2 1/2" STD. PIPE)
J	1	PIPE 60.3 OD x 3.91 WALL x 125	(2" STD. PIPE)
I	1	PLATE 6 x 90ø	SHAPE
H	1	PLATE 6 x 40 x 40	
G	1	HSS 50 x 50 x 6 WALL x 125	CUT AT 45°
F	1	PLATE 6 x 40 x 188	
E	2	PLATE 9 x 76 x 203	MILL BEVEL ONE SIDE
D	1	PLATE 6 x 153 x 188	
C	1	PLATE 6 x 153 x 203	SHAPE
B	2	PLATE 6 x 153 x 200	
A	1	PLATE 6 x 219 x 250	SHAPE

Designed by	Checked by	Drawn by		Date	Scale
Danny Blais	Robbie Duncan	John Kroisenbrunner		Oct. 20, 2015	1:4

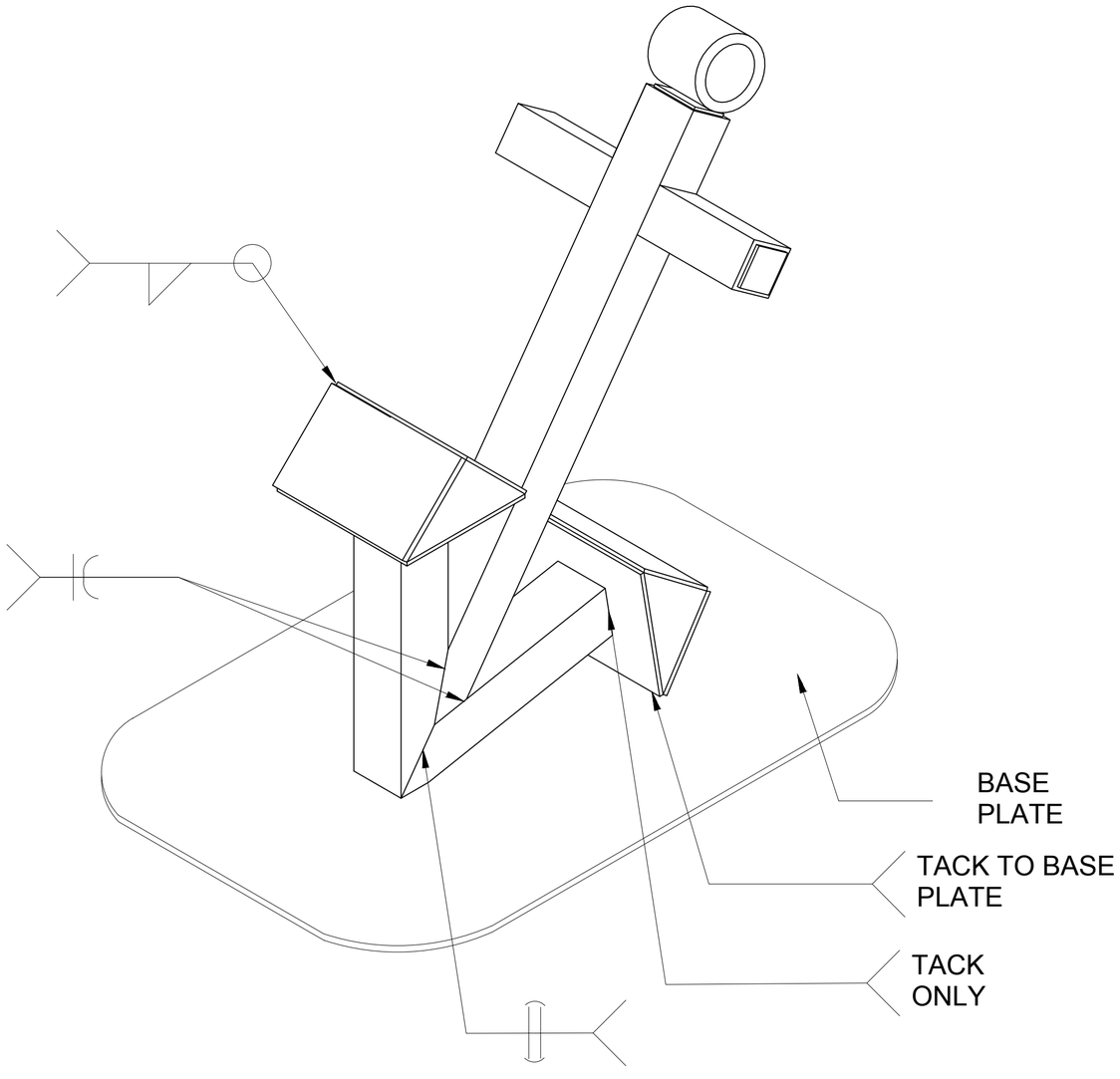
DO NOT SCALE DRAWING

SkillsCompétences Canada Moncton2016

SKILLS CANADA

POST-SECONDARY PROJECT #4

2016 - CPS - 2a	Revision 0	Sheet 1/1



TIME LIMIT: _____

Skills Compétences Canada
Moncton2016

SKILLS CANADA COMPETITION 2016

NOTES:
-ALL PARTS MUST BE TACKED IN PLACE BEFORE ANY WELDING COMMENCES
-PROJECT MUST REMAIN ON ITS BASEPLATE DURING WELDING
-ROOT OPENING AND ROOT FACE YOUR CHOICE
- NO AUTOGENOUS WELDING

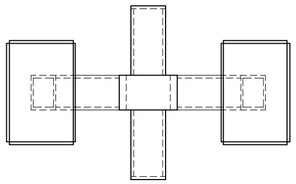
ALL MATERIAL S.S. 1.5" HSS
ALL FLAT MATERIAL 3MM THICK SS
ALL DIMENSIONS IN MILLIMETERS

Project:
ANCHOR

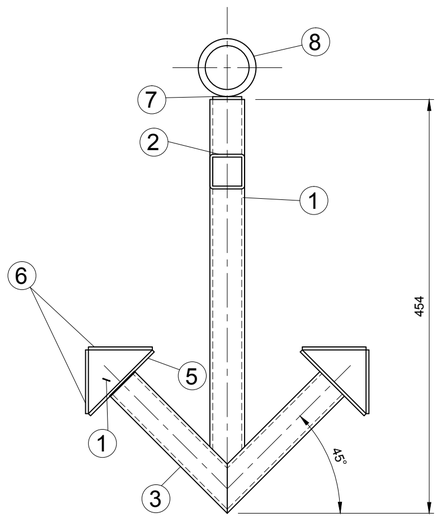
Drawn By:

Date:
OCT, 2015

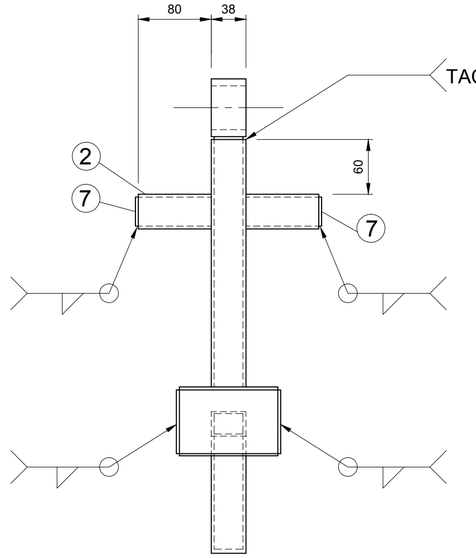
Contact Person:
DEVIN MILLIGAN



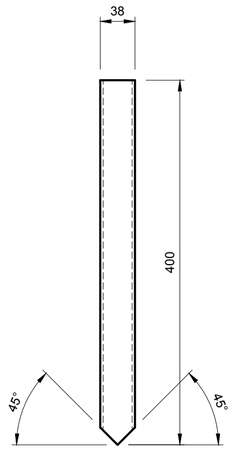
PLAN VIEW



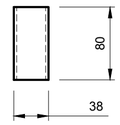
FRONT VIEW



SIDE VIEW



ITEM 1



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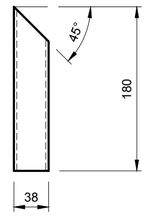

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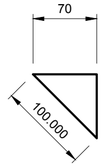

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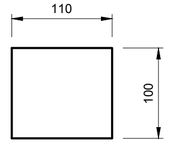

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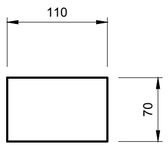

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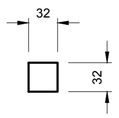

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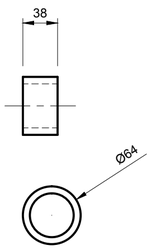
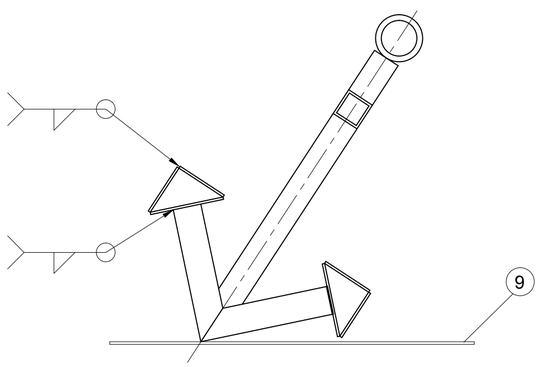
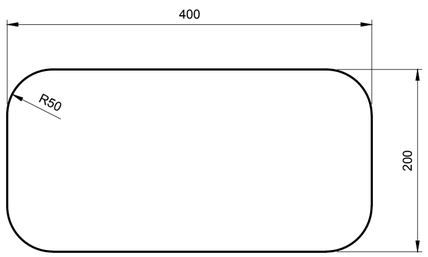


ITEM 8





ITEM 9

SkillsCompétences Canada
Moncton2016

SKILLS CANADA COMPETITION 2016

NOTES:
-ALL PARTS MUST BE TACKED IN PLACE BEFORE ANY WELDING COMMENCES
-PROJECT MUST REMAIN ON ITS BASEPLATE DURING WELDING
-ROOT OPENING AND ROOT FACE YOUR CHOICE
-NO AUTOGENOUS WELDING
ALL WELD THAT ARE VERTICAL ARE WELDED UP HILL

ALL MATERIAL S.S. 1.5" HSS
ALL FLAT MATERIAL 3MM THICK SS
ALL DIMENSIONS IN MILLIMETERS

MATERIAL LIST

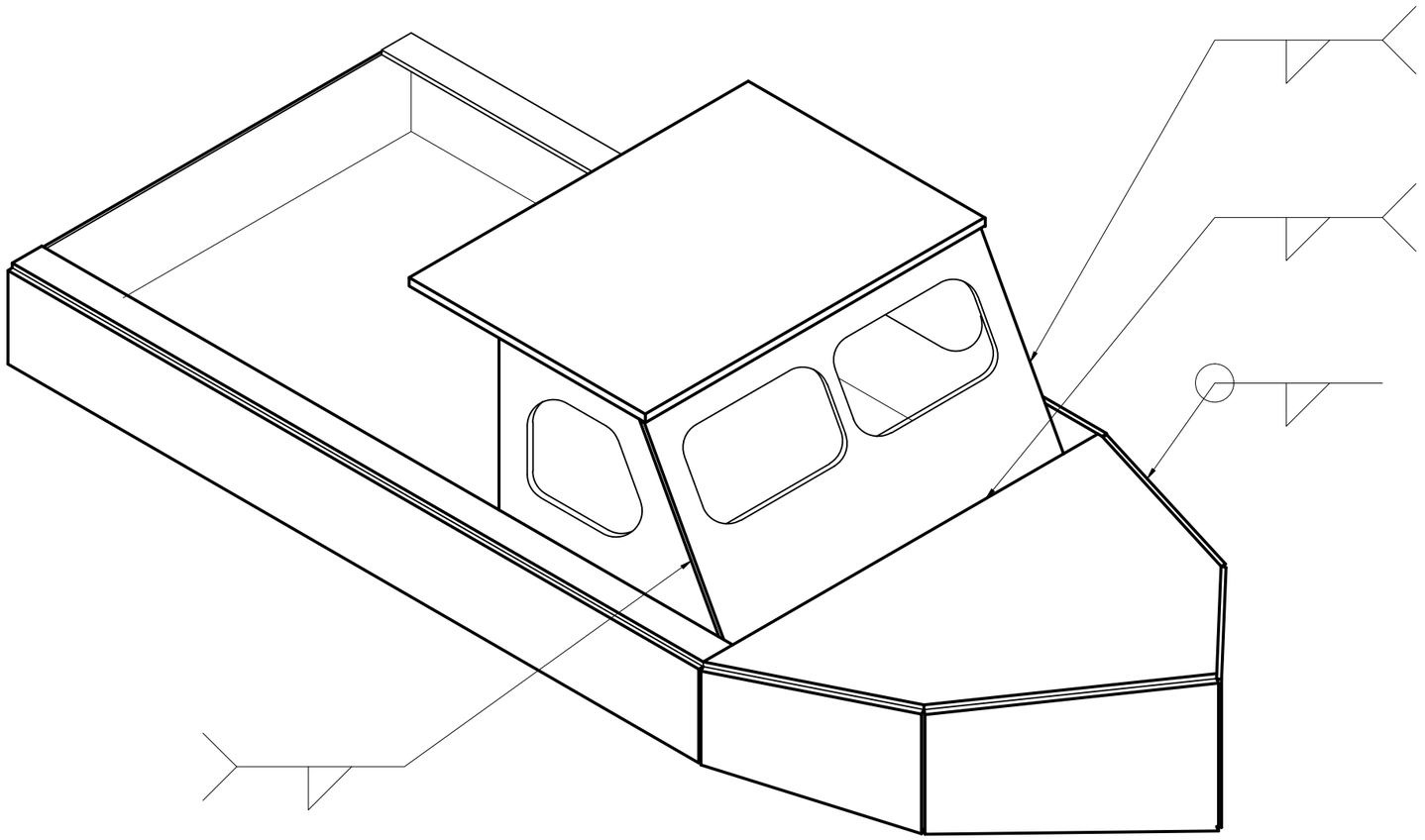
ITEM 1	1	38 X 400 HSS
ITEM 2	2	38 X 80 HSS
ITEM 3	2	38 X 180 HSS
ITEM 4	4	70 X 100
ITEM 5	2	110 X 100
ITEM 6	4	110 X 70
ITEM 7	3	32 X 32
ITEM 8	1	1.5" PIPE 2.5" DIAMETER
ITEM 9	1	200 X 400

Project: ANCHOR

Drawn By:

Date: NOV, 2015

Contact Person: DEVIN MILLIGAN



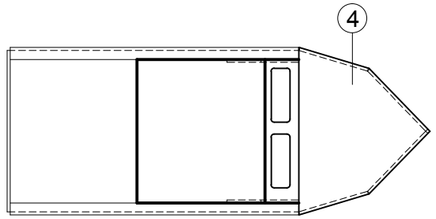
TIME LIMIT: _____

SkillsCompétences Canada
Moncton2016

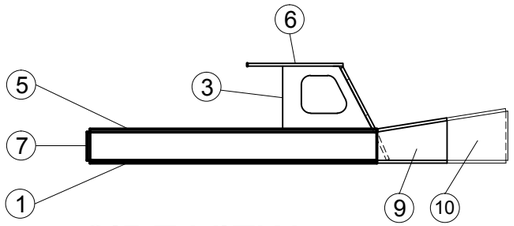
SKILLS CANADA COMPETITION
2016

Project:
BOAT

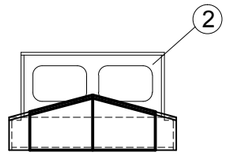
Drawn By:	Date: NOV, 2015
Contact Person: DEVIN MILLIGAN	Page: 1 OF 2



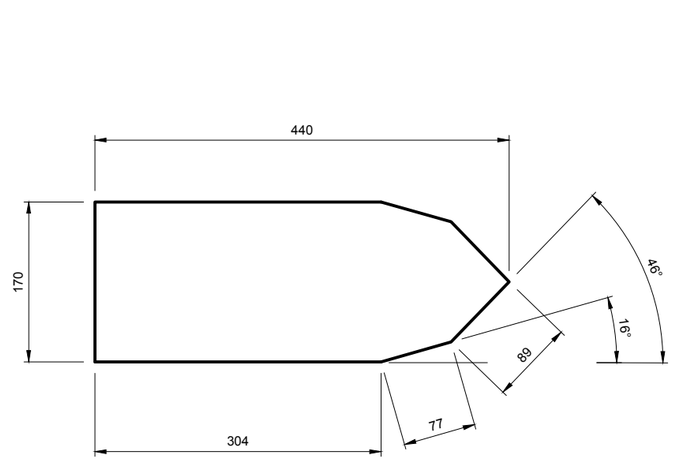
PLAN VIEW



SIDE VIEW



FRONT VIEW



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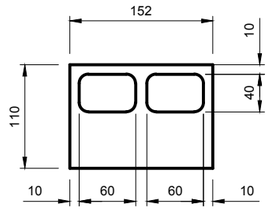

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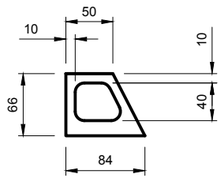

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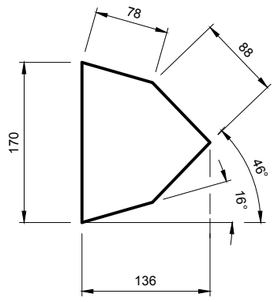

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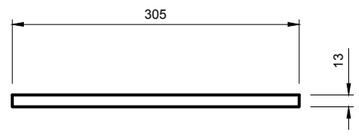

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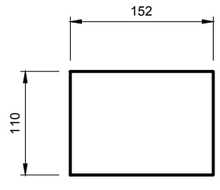

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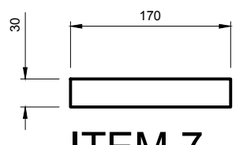

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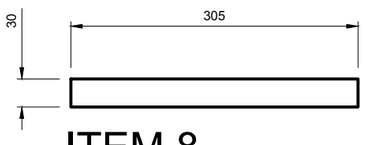

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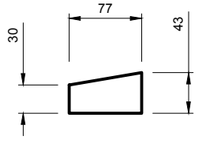

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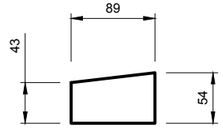

ITEM 10

SkillsCompétences Canada
Moncton2016

SKILLS CANADA COMPETITION 2016

NOTES:
-ALL PARTS MUST BE TACKED IN PLACE BEFORE ANY WELDING COMMENCES
-PROJECT MUST REMAIN ON ITS BASEPLATE DURING WELDING
-ROOT OPENING AND ROOT FACE YOUR CHOICE
-NO AUTOGENOUS WELDING

ALL FLAT MATERIAL 3MM THICK ALUMINUM
ALL DIMENSIONS IN MILLIMETERS

MATERIAL LIST

ITEM 1	1	170 X 400
ITEM 2	1	110 X 152
ITEM 3	2	66 X 84
ITEM 4	1	170 X 136
ITEM 5	2	13 X 305
ITEM 6	1	110 X 152
ITEM 7	1	30 X 170
ITEM 8	2	30 X 305
ITEM 9	2	30 X 77
ITEM 10	2	43 X 89

Project:
BOAT

Drawn By:

Date:
NOV, 2015

Contact Person:
DEVIN MILLIGAN