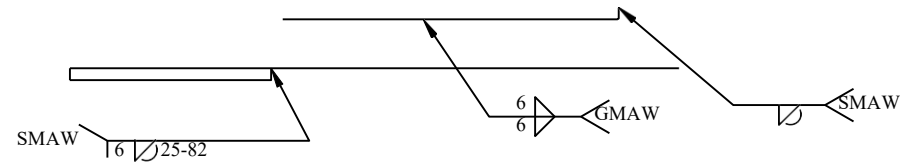
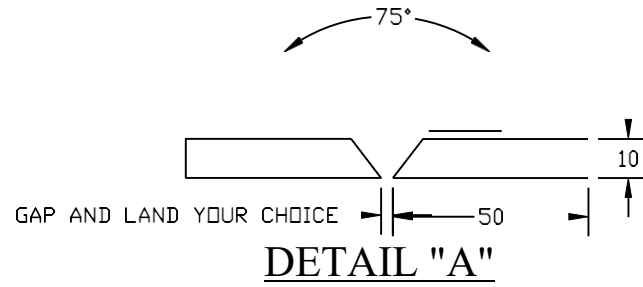
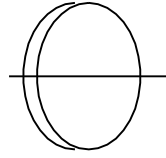
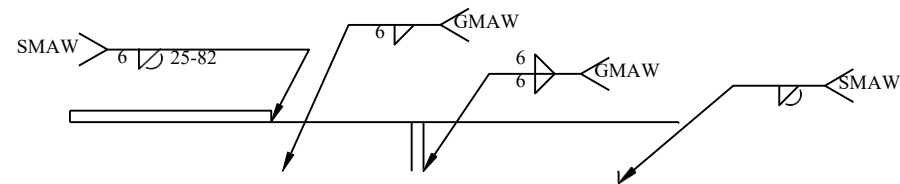
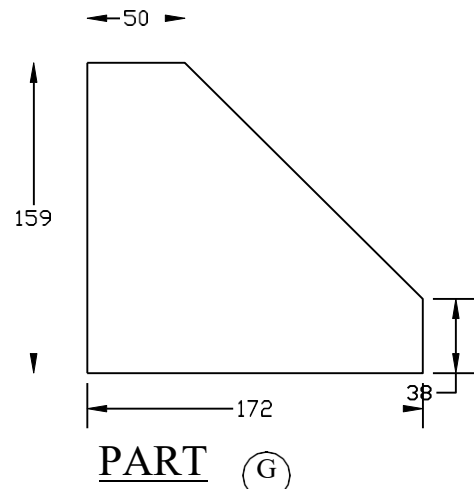
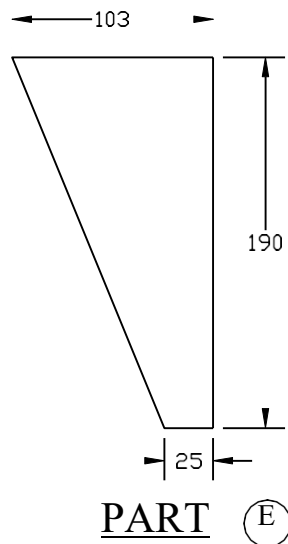
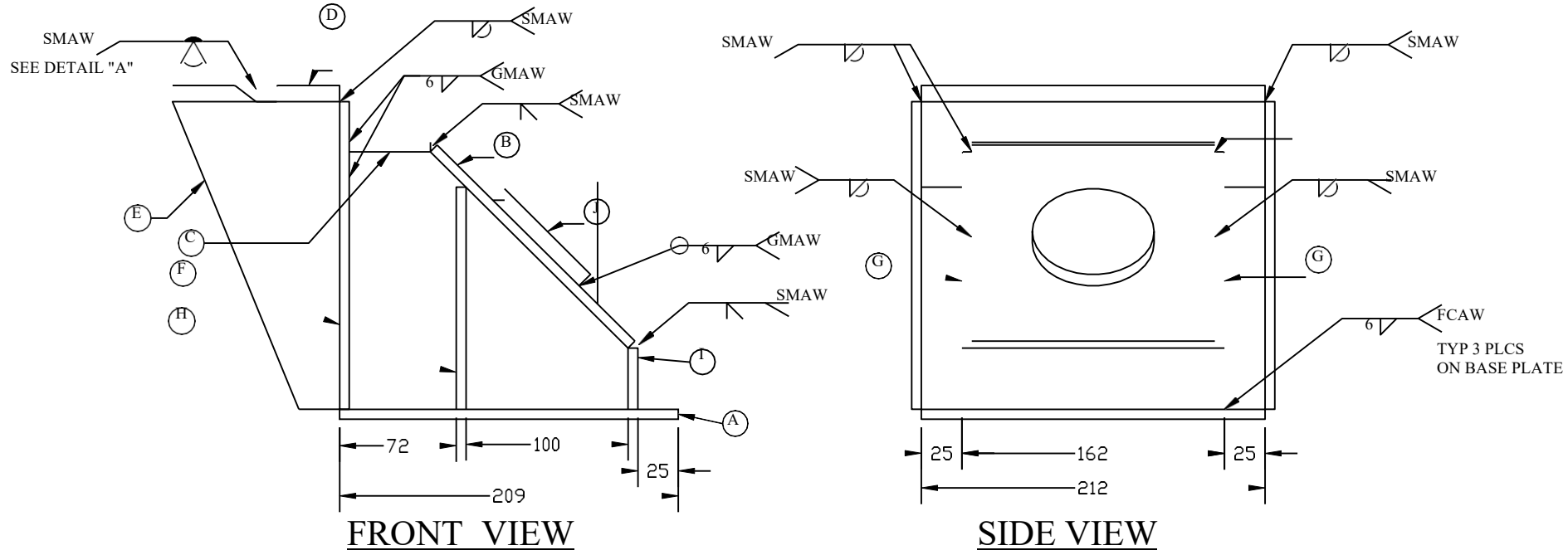


PROJECT 1 - MILD STEEL



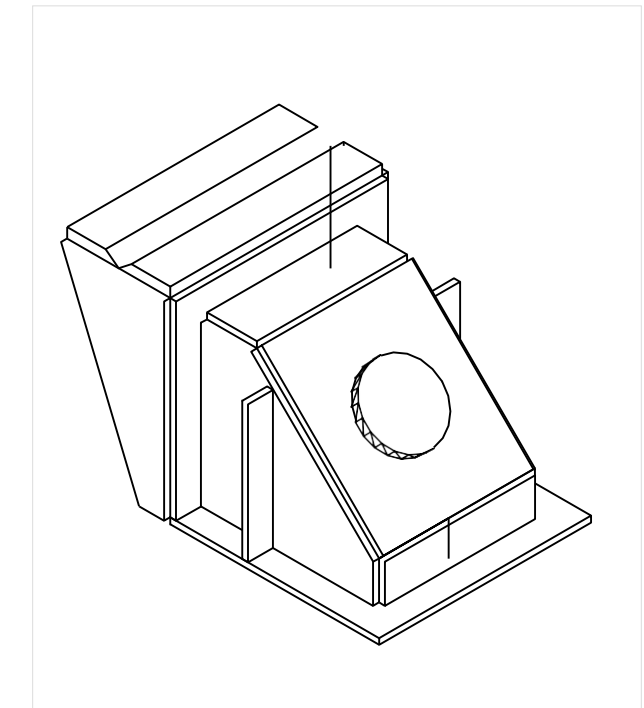
TOP VIEW



REVISIONS				
ZONE	REV	DESCRIPTION	APPROVED	DATE

NOTES:

- 1) Tack weld all components together before any welding commences
- 2) For SMAW use 6011 for root pass on full pen joint (Plate "D") 7018 for all other joints
- 3) SMAW vertical joints must be uphill progression
- 4) For FCAW use E4801T-9 .045 wire, Blue shield 8 shielding gas
- 5) For GMAW use ER480-6 .035 wire, Blue shield 8 shielding gas
- 6) GMAW vertical joints must be down hand progression
- 7) Project must remain flat on plate "A" when welding
- 8) All material is mild steel
- 9) All dimensions are in millimeters



J	1	10 x 75 Dia	MILD STEEL
I	1	6 x 38 x 150	MILD STEEL
H	2	6 x 25 x 137	MILD STEEL
G	2	6 x 159 x 172	MILD STEEL
F	1	6 x 212 x 190	MILD STEEL
E	2	6 x 103 x 190	MILD STEEL
D	2	10 x 50 x 212	MILD STEEL
C	1	6 x 50 x 150	MILD STEEL
B	1	6 x 150 x 172	MILD STEEL
A	1	6 x 209 x 212	MILD STEEL
ITEM	QTY	DESCRIPTION	MATERIAL

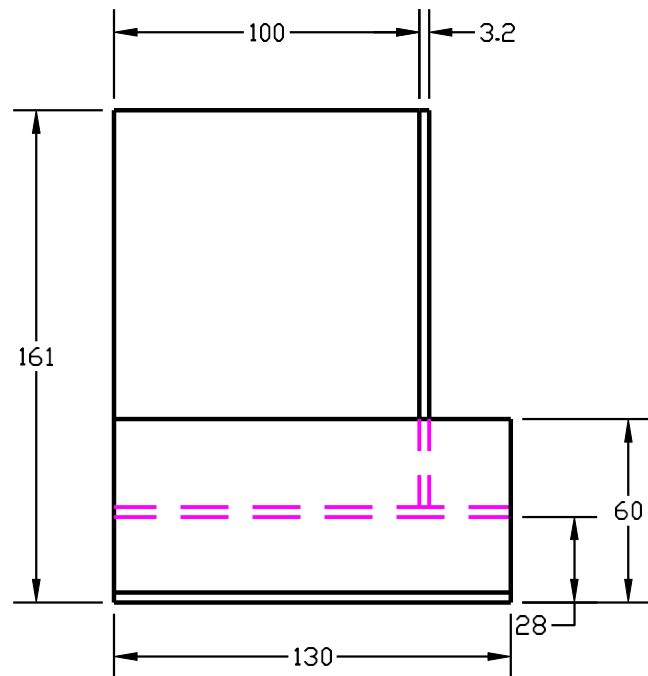
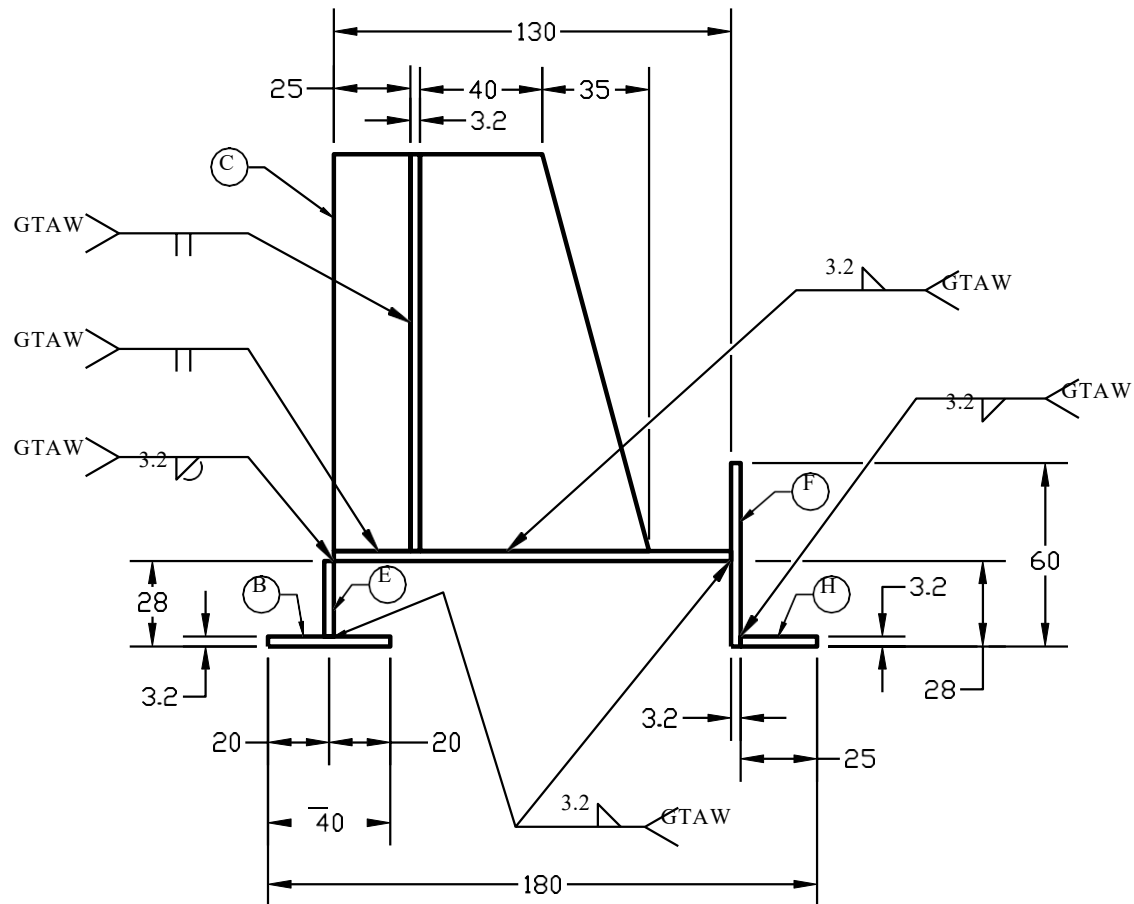
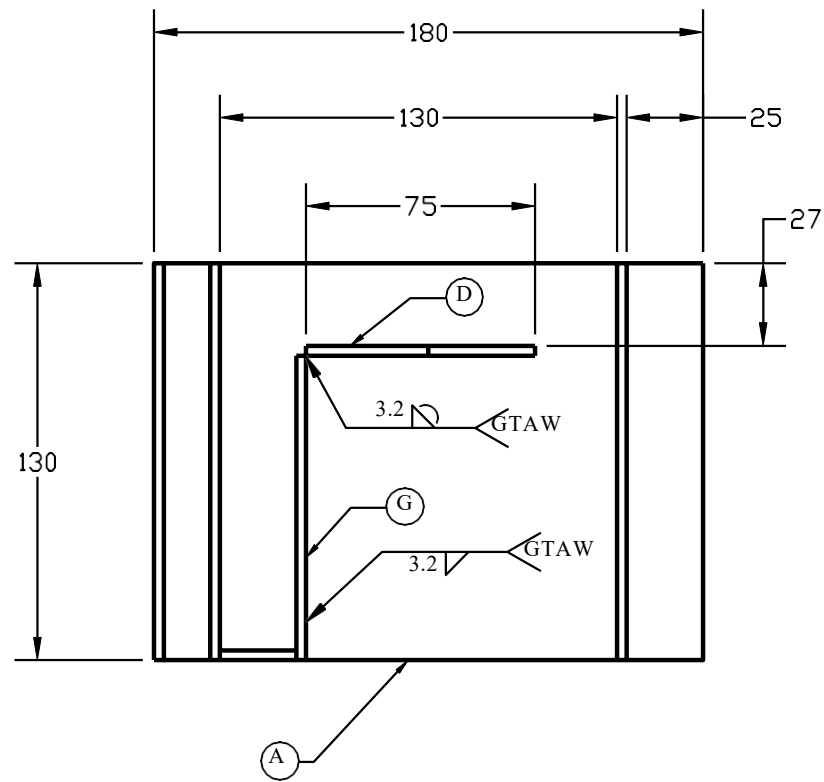
2019 SKILLS CANADA NL PROVINCIAL PROJECT: WELDING

TIME LIMIT:

3 HOURS

SIZE FSCM NO. DWG NO. Skills Canada 2019
SCALE: NTS PROJECT 1 SHEET

PROJECT 2 - STAINLESS STEEL

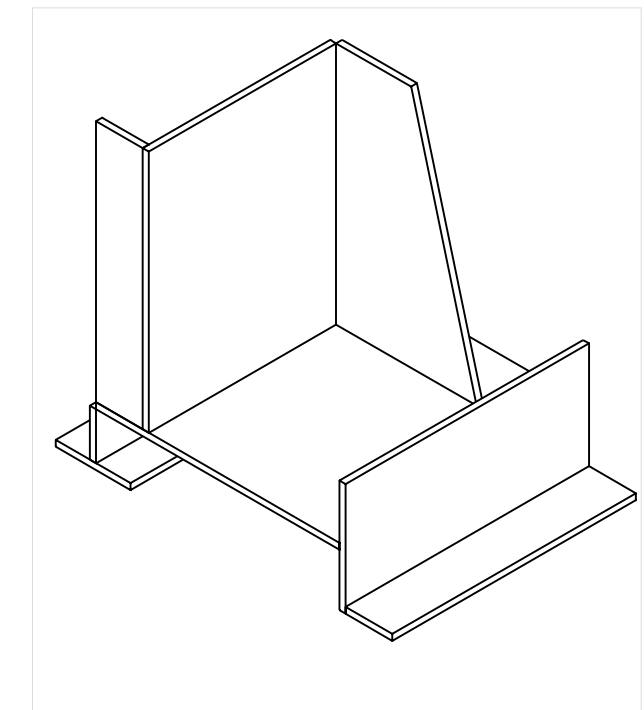


REVISIONS

ZONE	REV	DESCRIPTION	APPROVED	DATE
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NOTES:

1. All welds are done with the GTAW process
2. Project must remain flat on plates B and H during welding
3. The tolerance of fillet weld sizes is +2mm/-0mm
4. The radius of the corner welds is 3.2mm
5. All welds require filler metal (fusion only not permitted)
6. All vertical welds to be uphill
7. Arc washing over completed weld is not permitted
8. Wire brushing or cleaning of any kind is not permitted
9. Tackweld all components together before any welding commences
10. All dimensions in millimetres



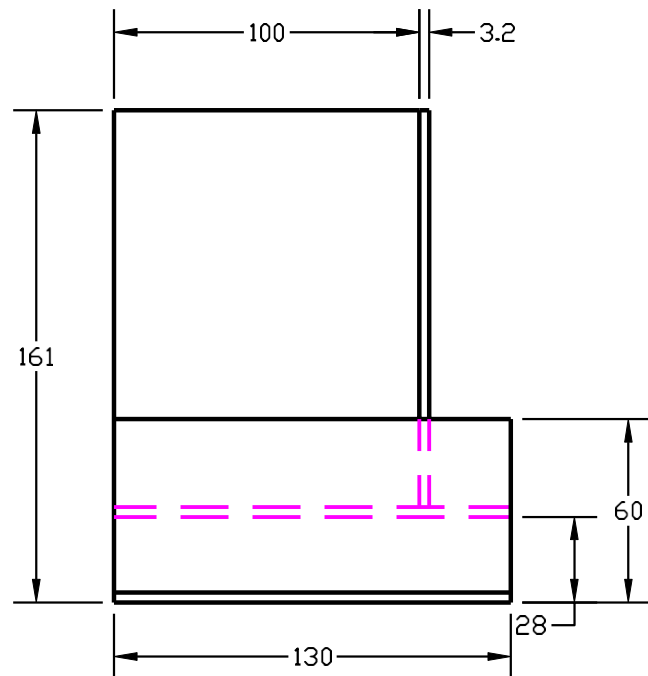
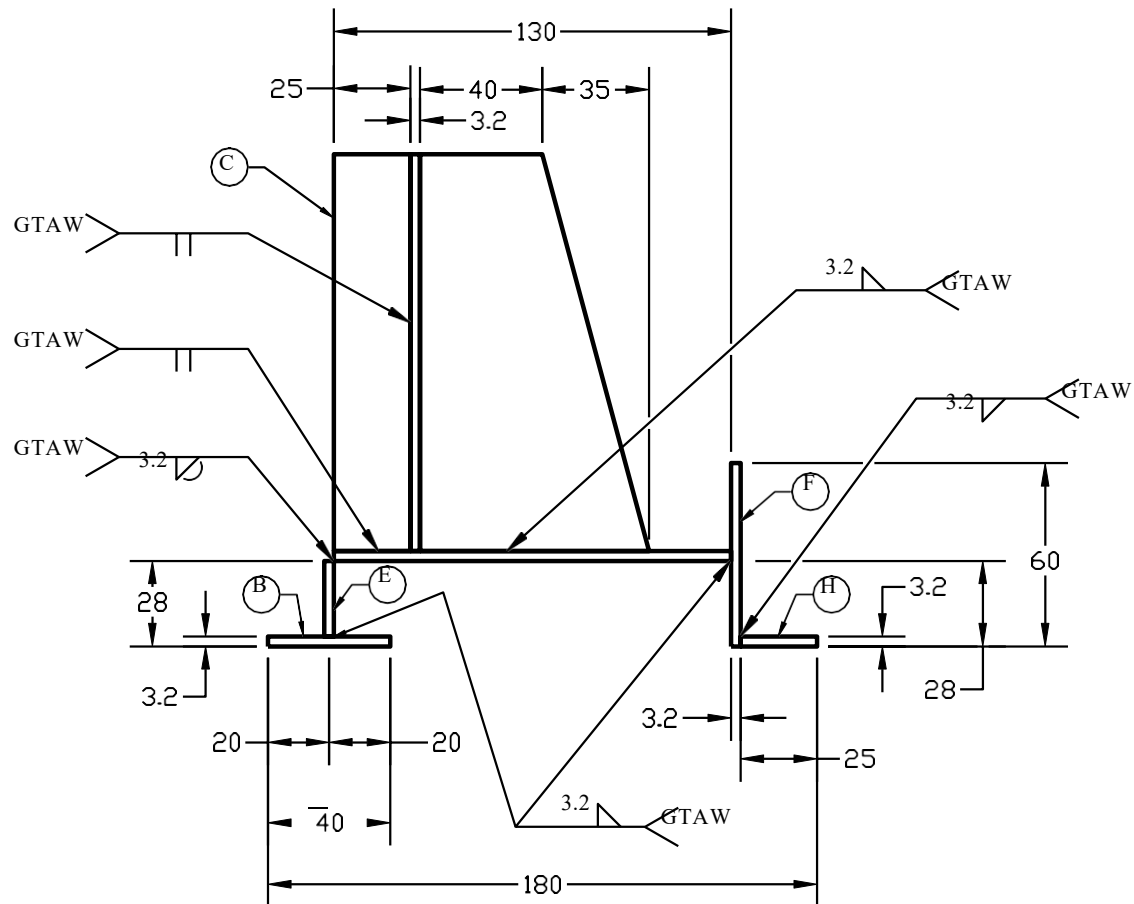
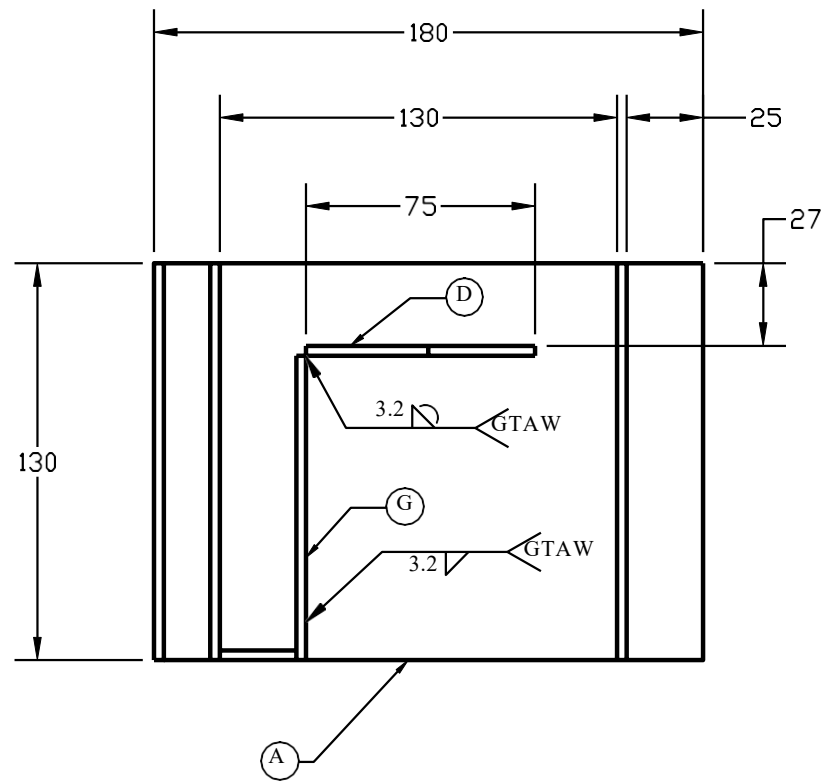
ITEM	QTY	DESCRIPTION	MATERIAL
H	1	PL 3.2 x 25 x 130	STAINLESS STEEL
G	1	PL 3.2 x 100 x 130	STAINLESS STEEL
F	1	PL 3.2 x 60 x 130	STAINLESS STEEL
E	1	PL 3.2 x 25 x 130	STAINLESS STEEL
D	1	PL 3.2 x 75 x 130	STAINLESS STEEL
C	1	PL 3.2 x 25 x 130	STAINLESS STEEL
B	1	PL 3.2 x 40 x 130	STAINLESS STEEL
A	1	PL 3.2 x 130 x 130	STAINLESS STEEL

2019 SKILLS CANADA NL PROVINCIAL PROJECT: WELDING

**TIME LIMIT:
1.5 HOURS**

SIZE	FSCM NO.	DWG NO.	Skills Canada 2019
SCALE: NTS		PROJECT 2	SHEET

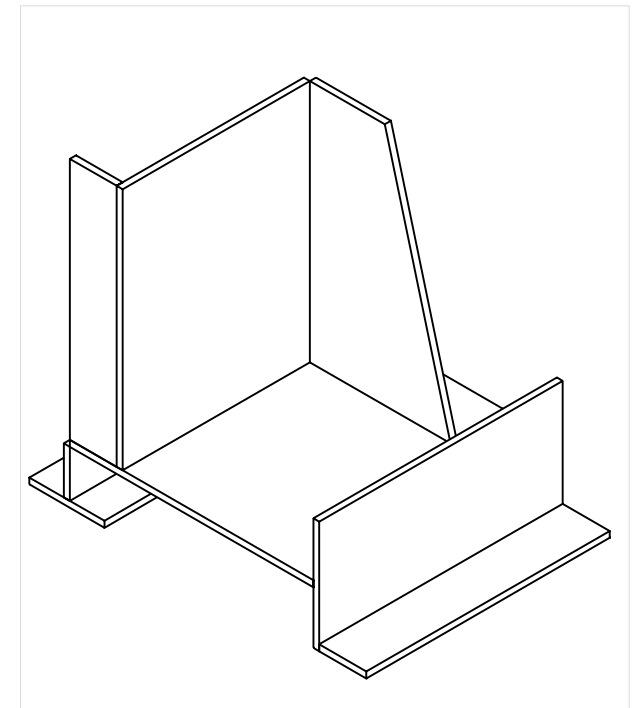
PROJECT 3 - ALUMINUM



REVISIONS				
ZONE	REV	DESCRIPTION	APPROVED	DATE

NOTES:

1. All welds are done with the GTAW process
2. Project must remain flat on plates B and H during welding
3. The tolerance of fillet weld sizes is +2mm/-0mm
4. The radius of the corner welds is 3.2mm
5. All welds require filler metal (fusion only not permitted)
6. All vertical welds to be uphill
7. Arc washing over completed weld is not permitted
8. Wire brushing or cleaning of any kind is not permitted
9. Tack weld all components together before any welding commences
10. All dimensions in millimeters



ITEM	QTY	DESCRIPTION	MATERIAL
H	1	PL 3.2 x 25 x 130	ALUMINUM
G	1	PL 3.2 x 100 x 130	ALUMINUM
F	1	PL 3.2 x 60 x 130	ALUMINUM
E	1	PL 3.2 x 25 x 130	ALUMINUM
D	1	PL 3.2 x 75 x 130	ALUMINUM
C	1	PL 3.2 x 25 x 130	ALUMINUM
B	1	PL 3.2 x 40 x 130	ALUMINUM
A	1	PL 3.2 x 130 x 130	ALUMINUM

2019 SKILLS CANADA NL PROVINCIAL PROJECT: WELDING

**TIME LIMIT:
1.5 HOURS**

SIZE	FSCM NO.	DWG NO. --- Skills Canada 2019 ---
SCALE: NTS		PROJECT 3 SHEET