

Date	Avril 2015		 	
Version	3.4		COMMISSION SCOLAIRE DE SAINT-HYACINTHE	
Outil	Vibroplanche	Pièce	Qté	1

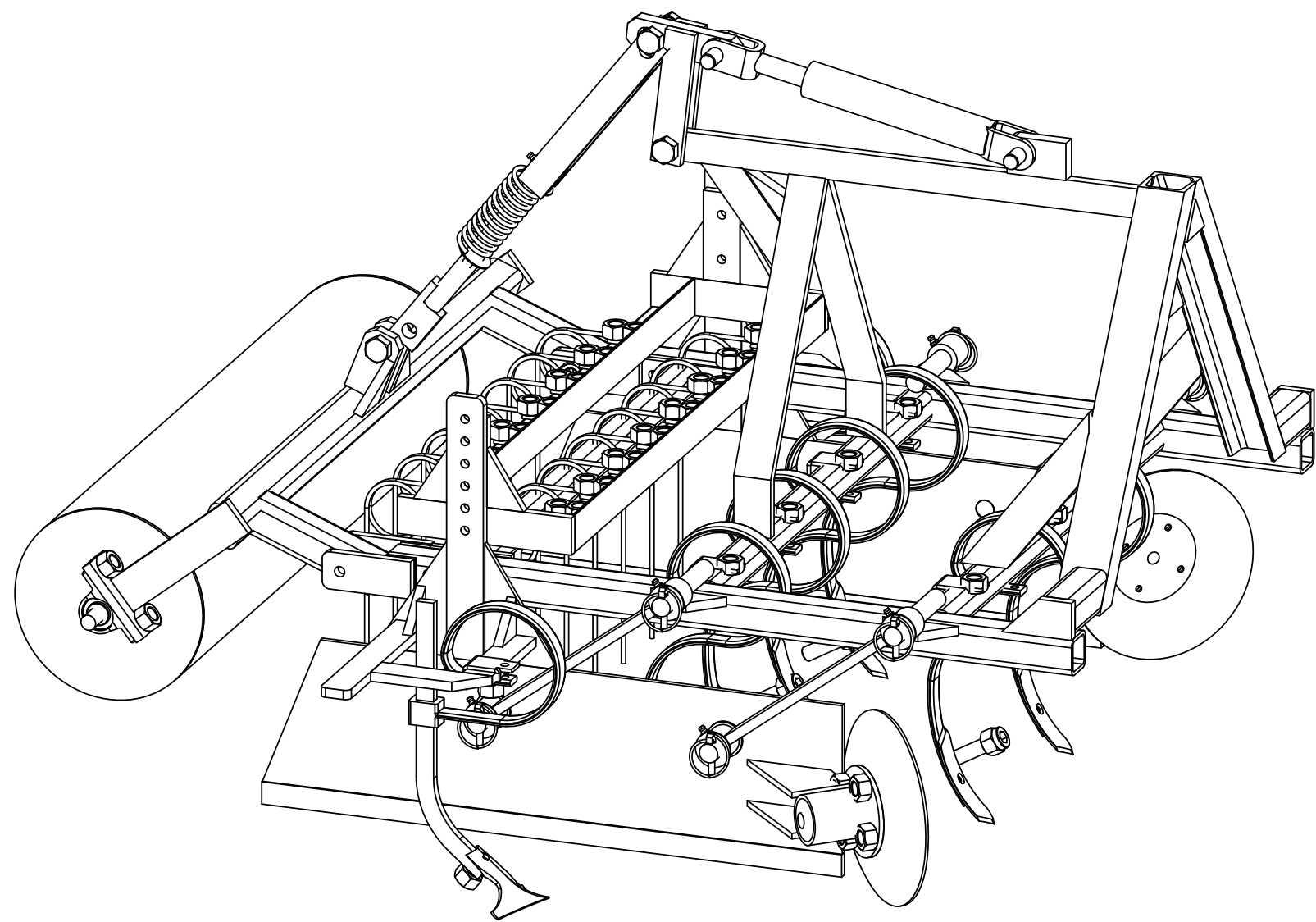


Atelier d'autoconstruction 2020. thème: le Vibroplanche.

Enseignants: Daniel Rodier et Alain Robitaille

Avec la collaboration des départements de:

- Fabrication de Structures Métalliques et de Métaux Ouvrés,
- Production Horticole.

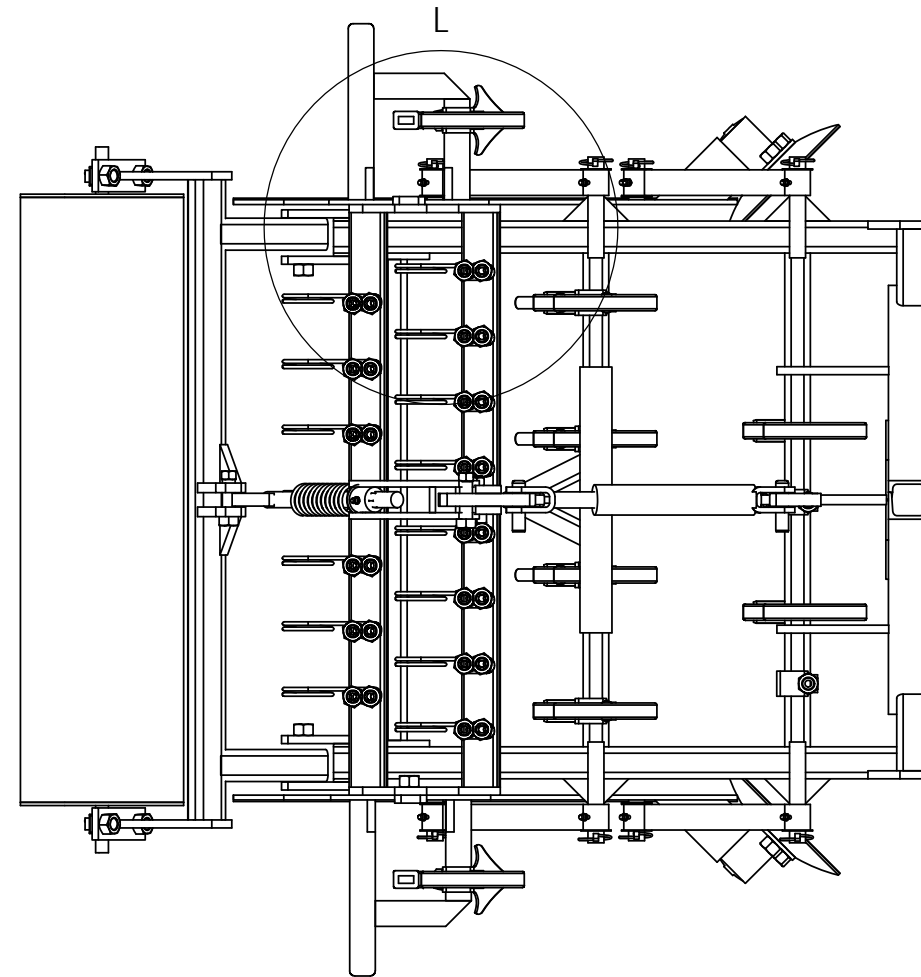
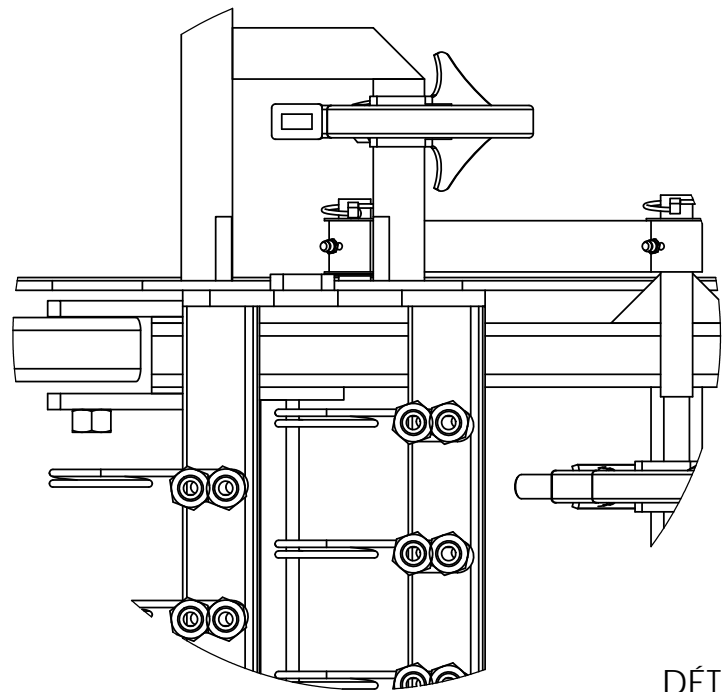
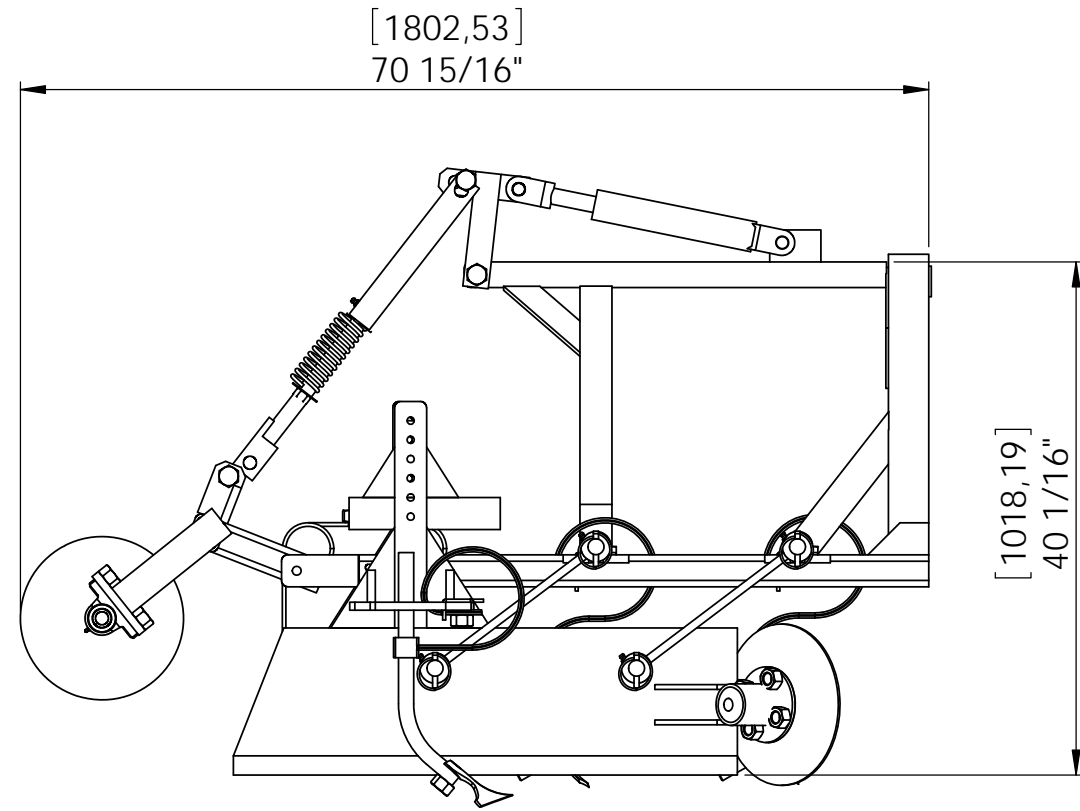
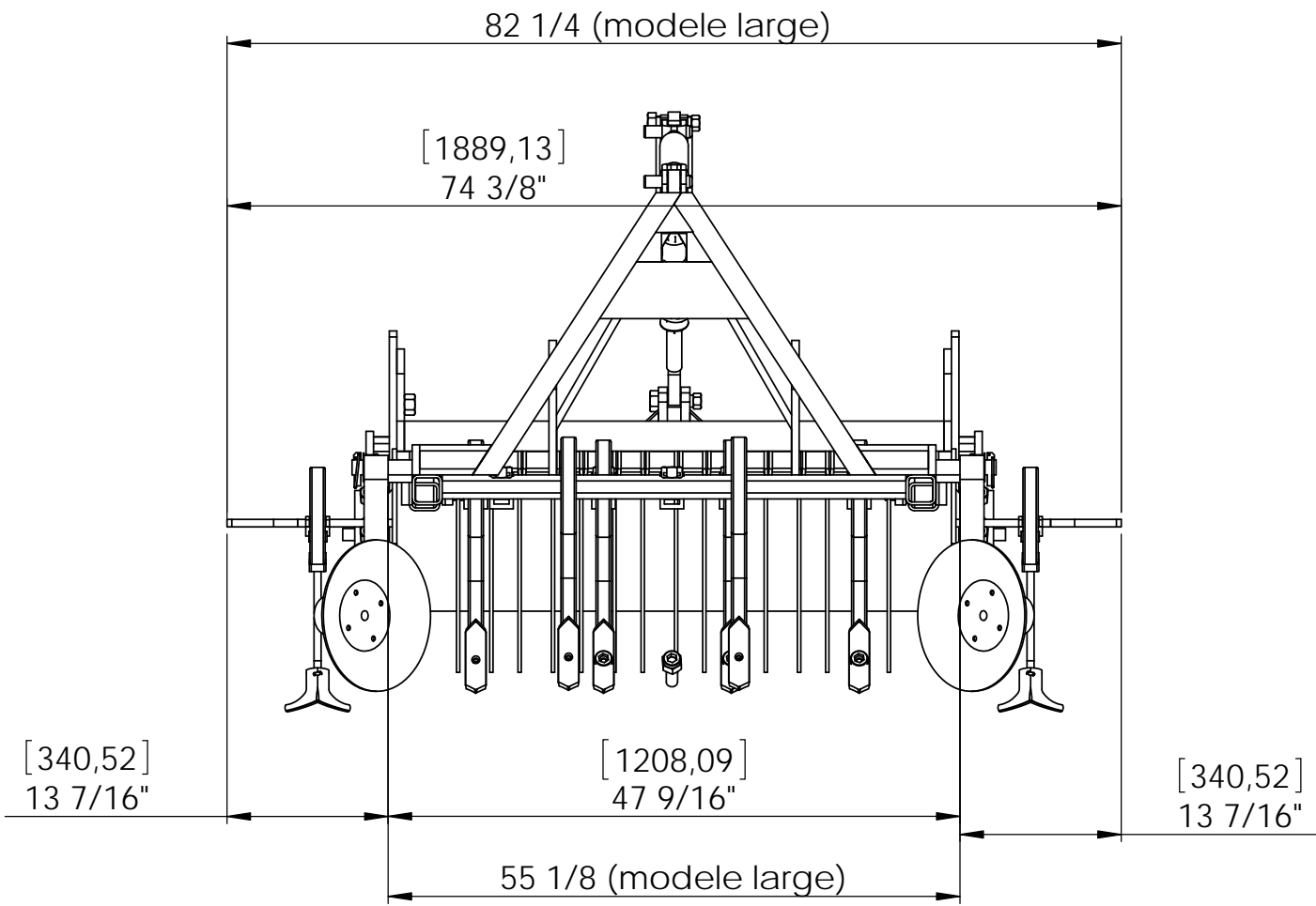


Date Avril 2015



Version 3.4

Outil	Vibroplanche	Pièce	Encombrement	Qté	1
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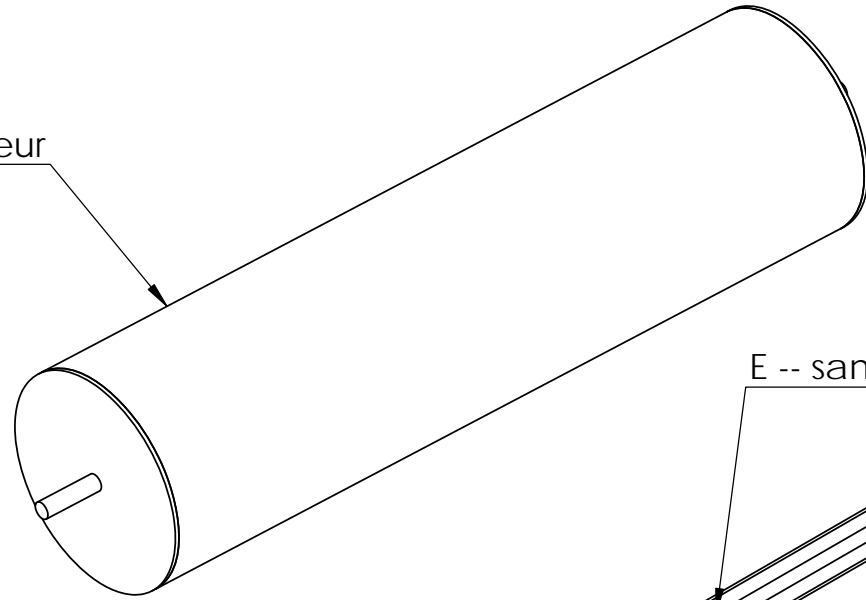
Date Mars 2015



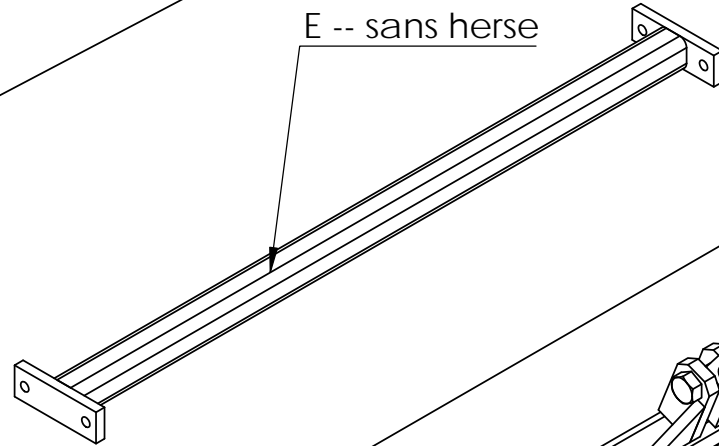
Version 3.4

Outil	Vibroplanche	Pièce		Qté	1
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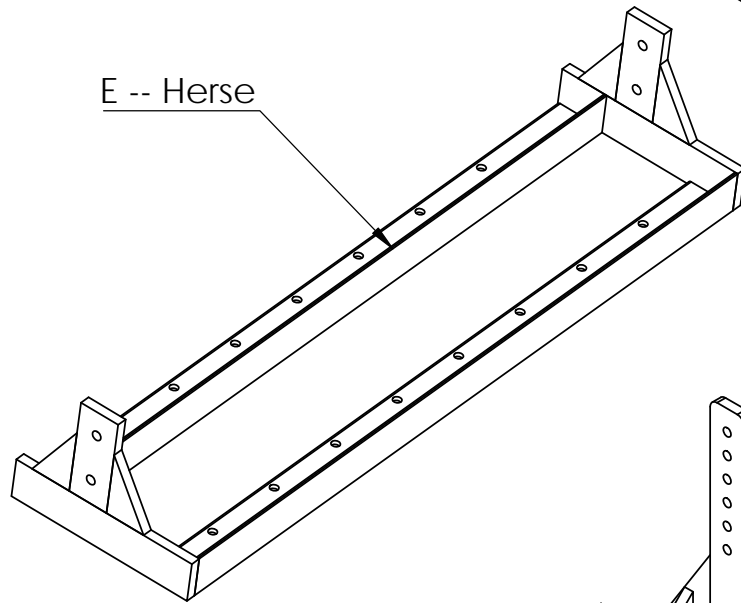
G - Rouleau plombeur



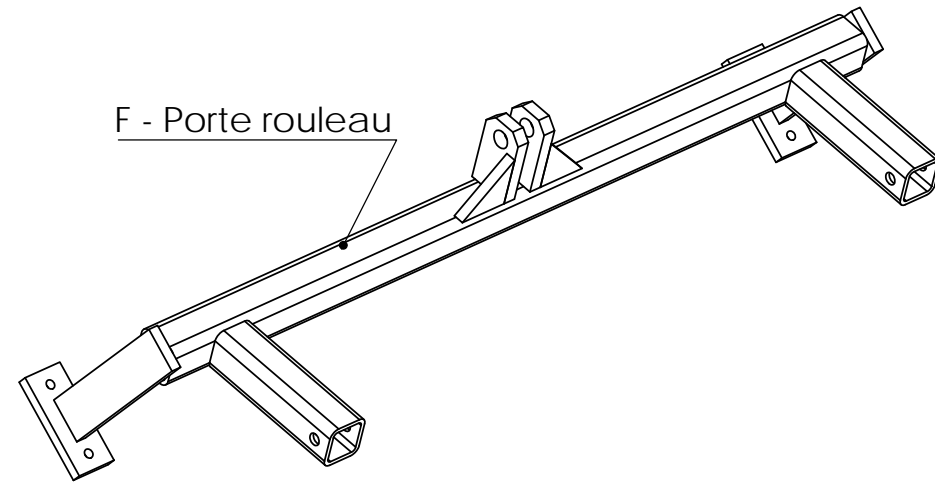
E -- sans herse



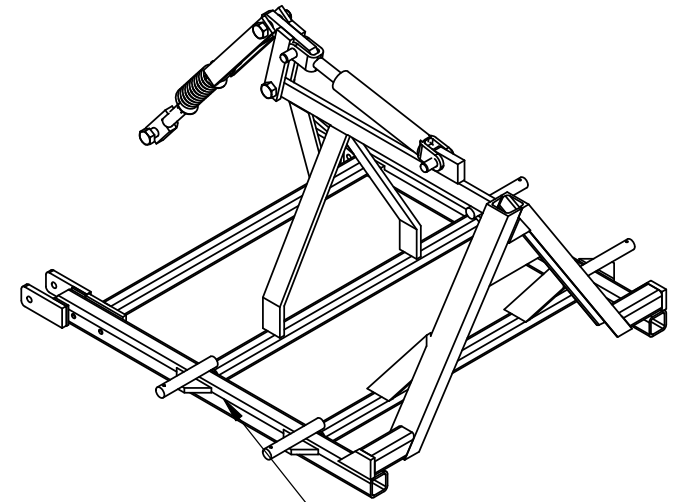
E -- Herse



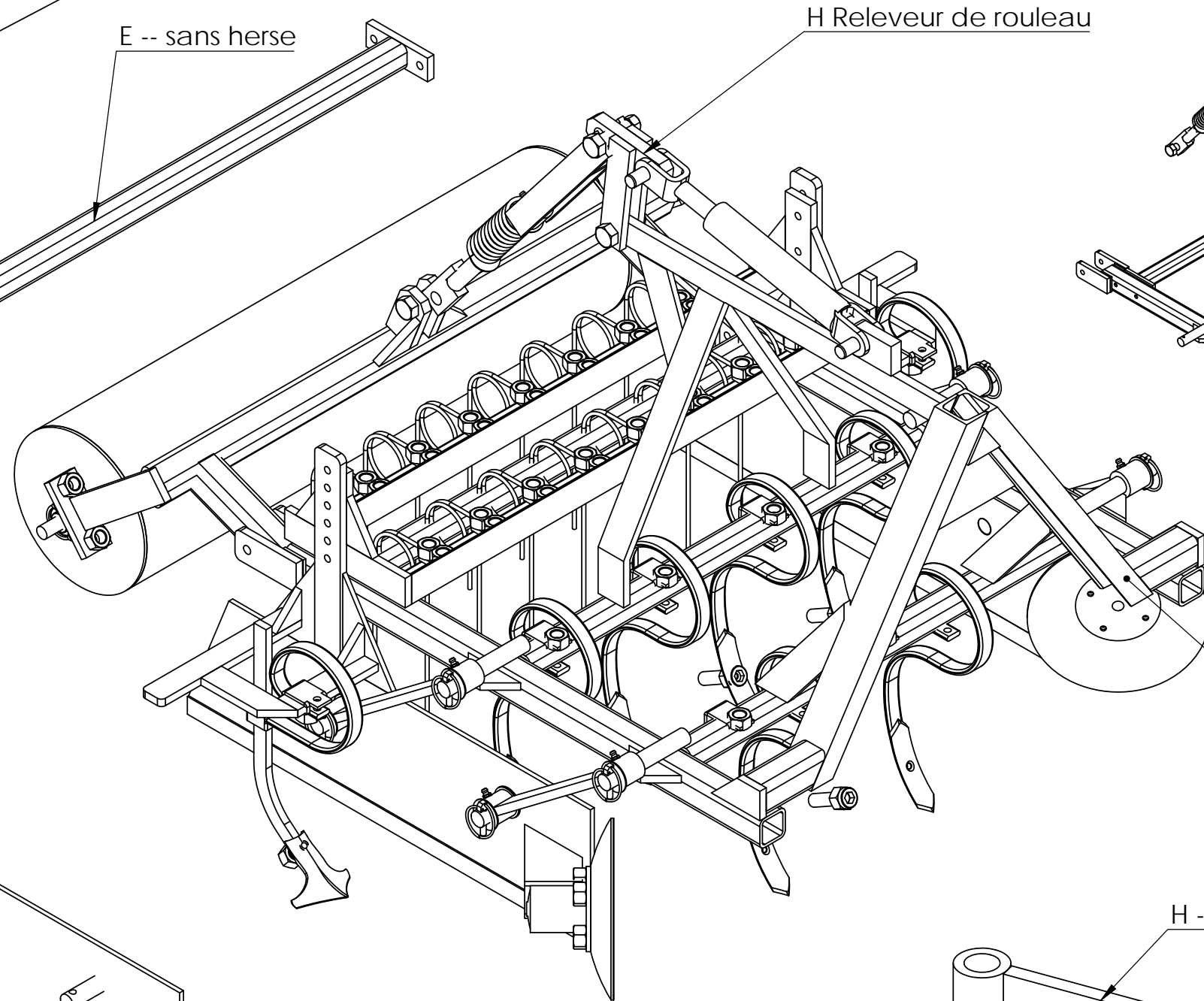
F - Porte rouleau



H Releveur de rouleau

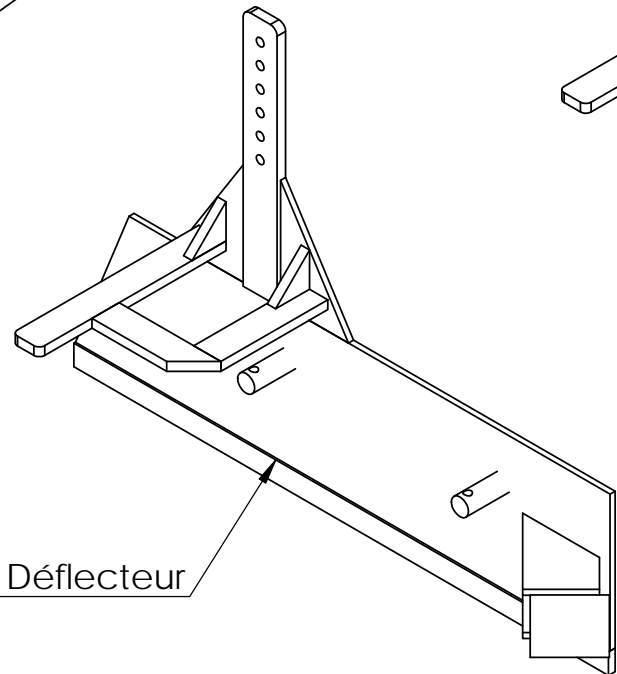


A - Châssis

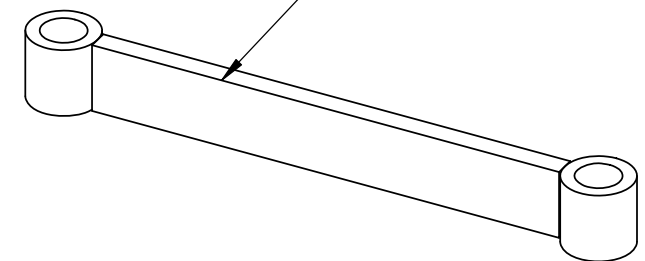


T - Triangle d'attelage

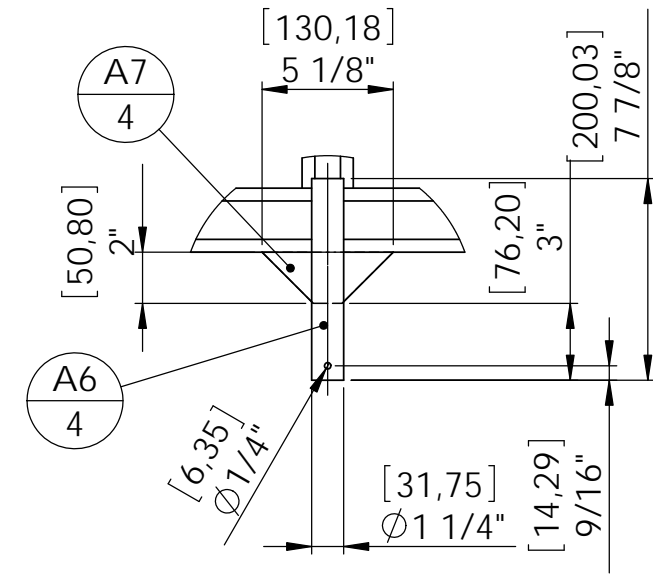
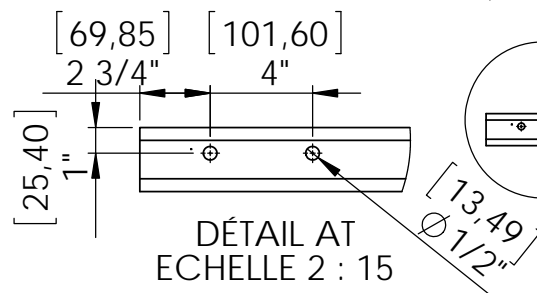
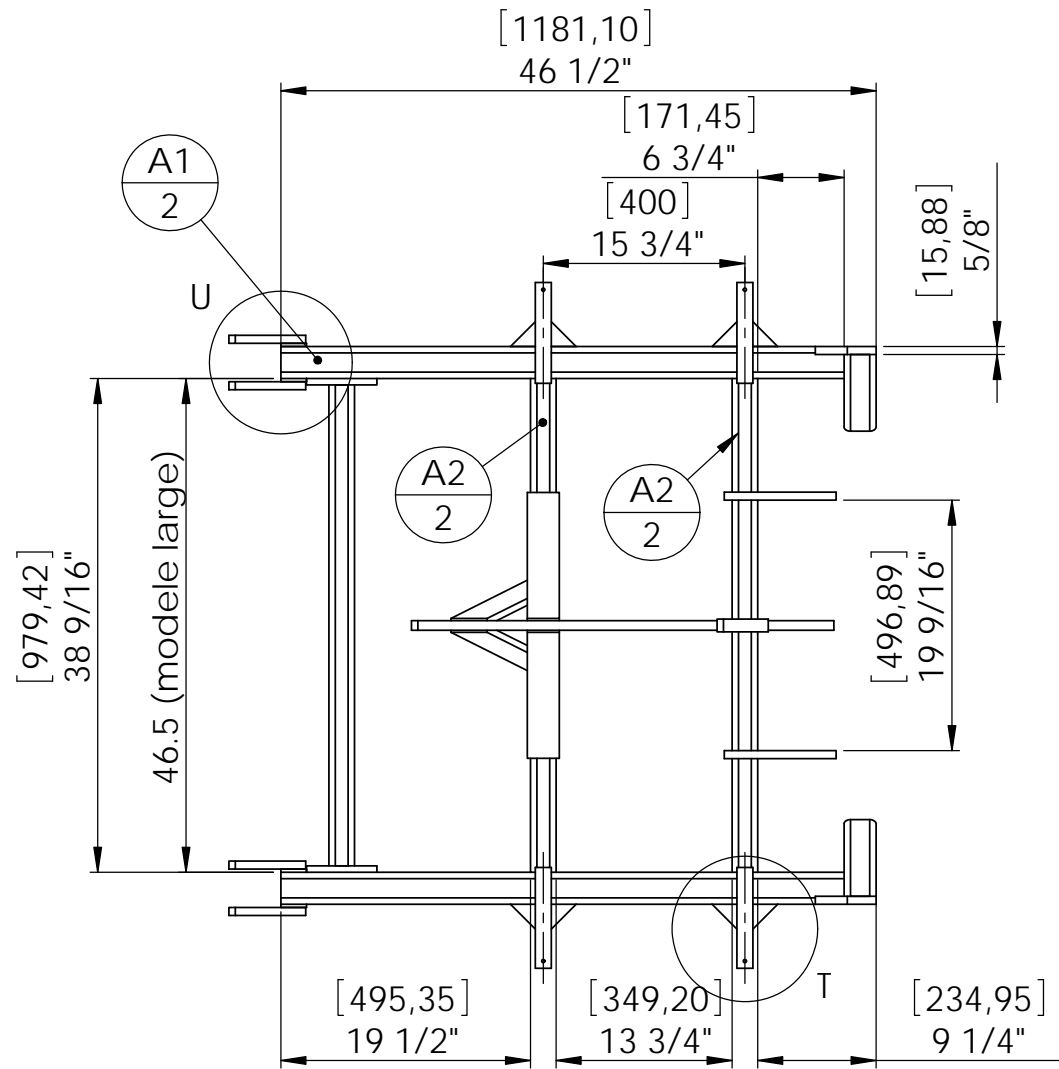
D - Déflecteur



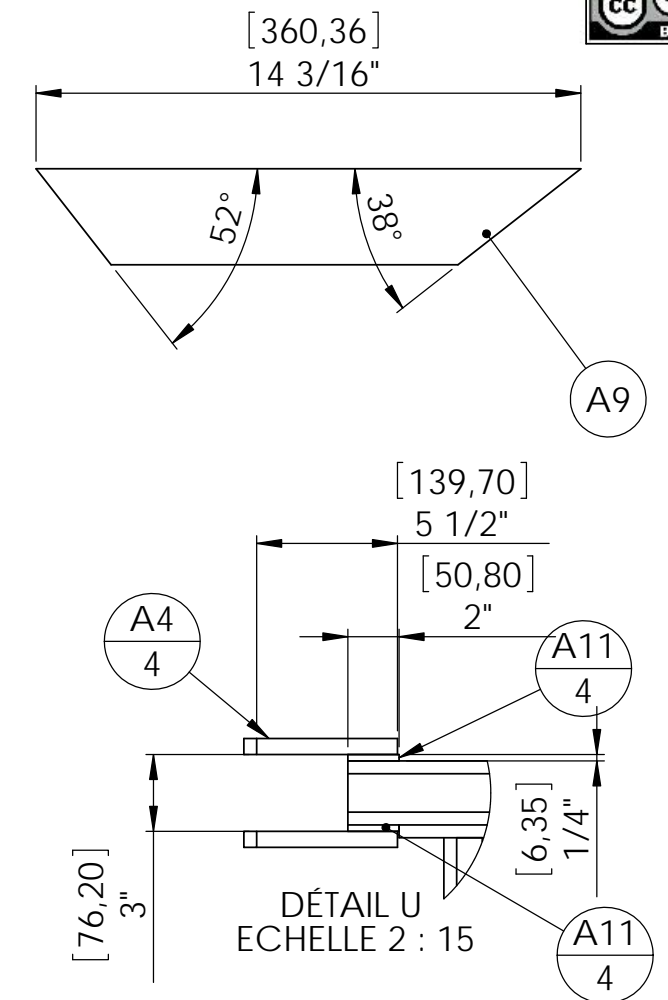
H - Bras de déflecteur



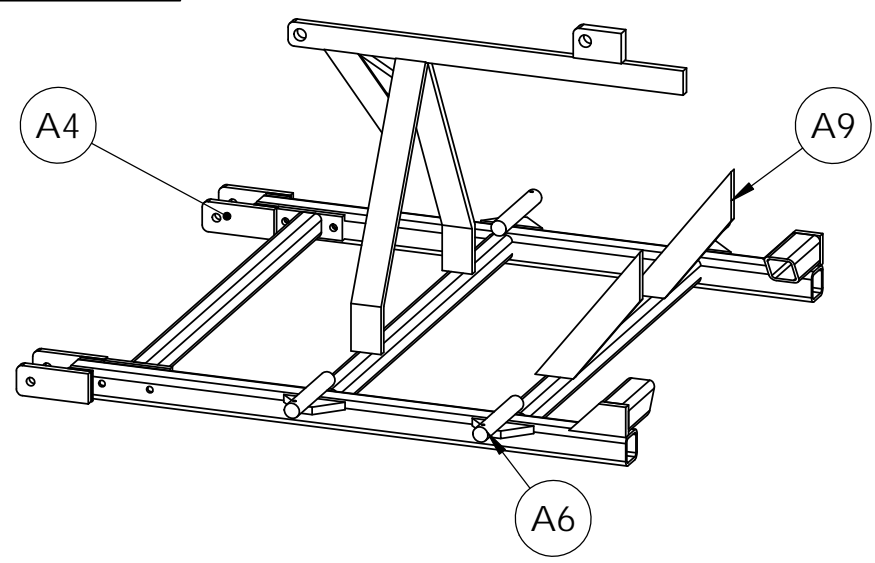
Outil	Vibroplanche	Pièce	A-Châssis	Qté	1
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DÉTAIL T
ECHELLE 2 : 15

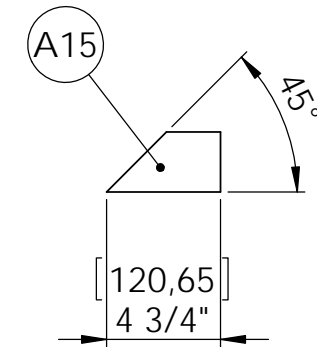
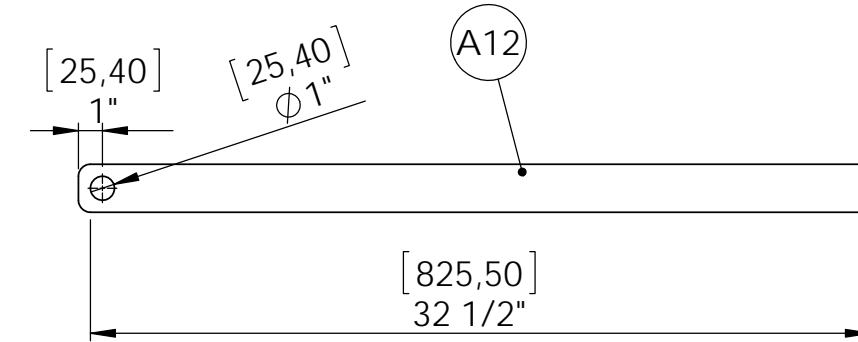
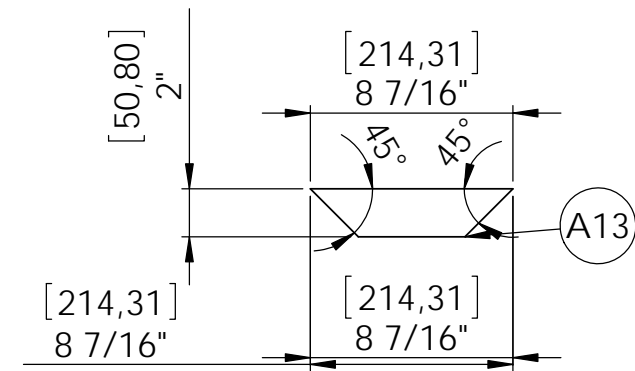
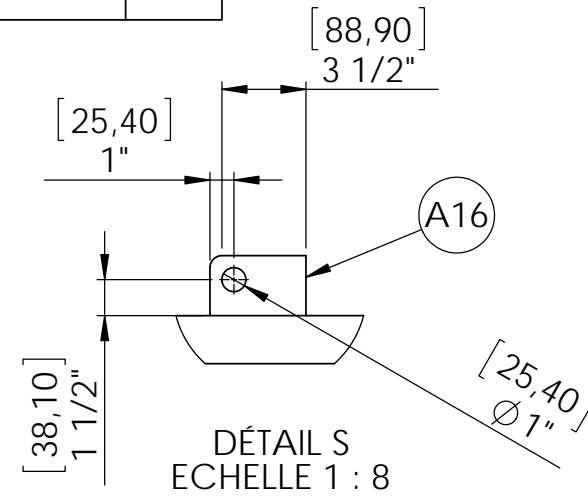
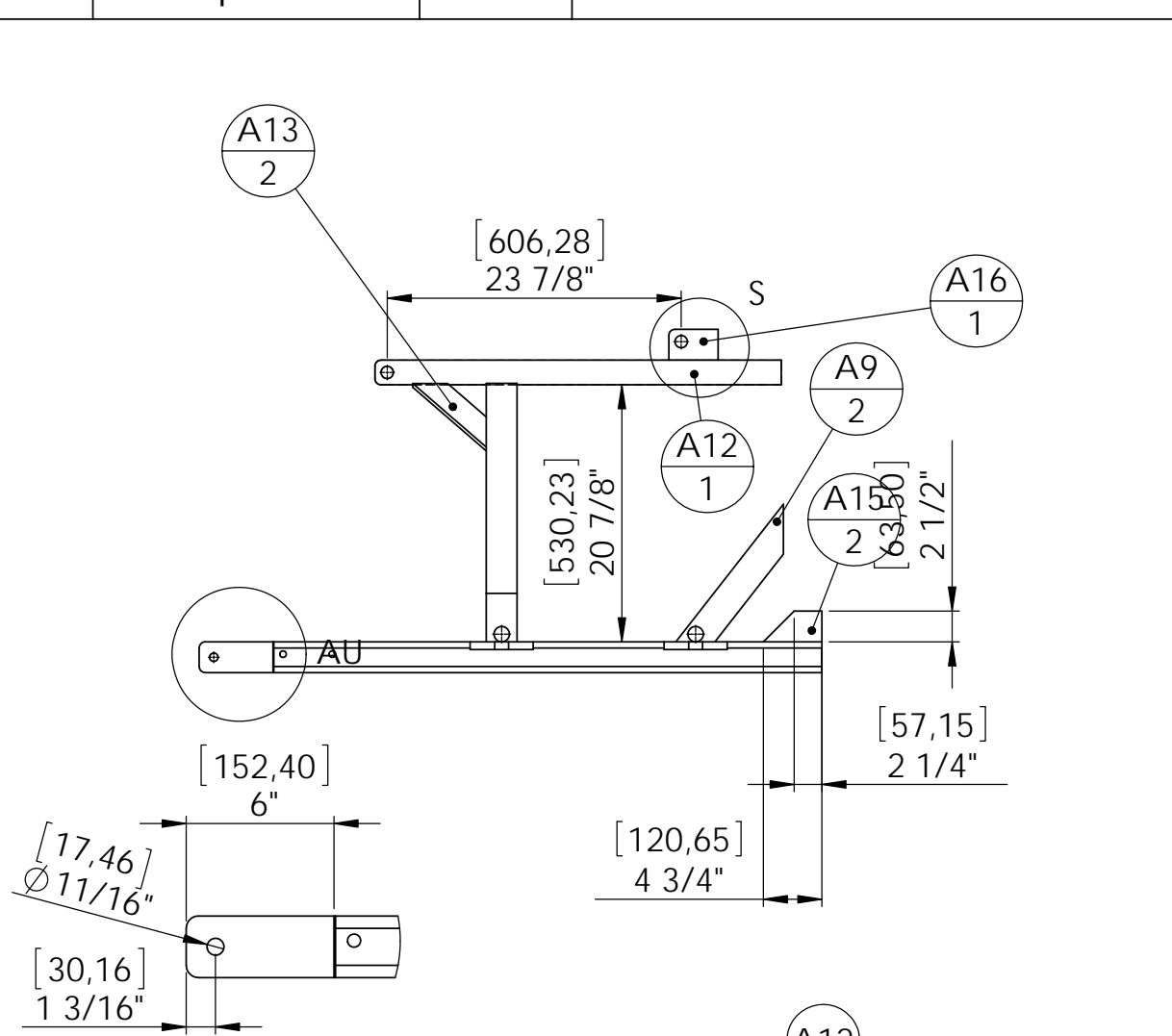


DÉTAIL U
ECHELLE 2 : 15

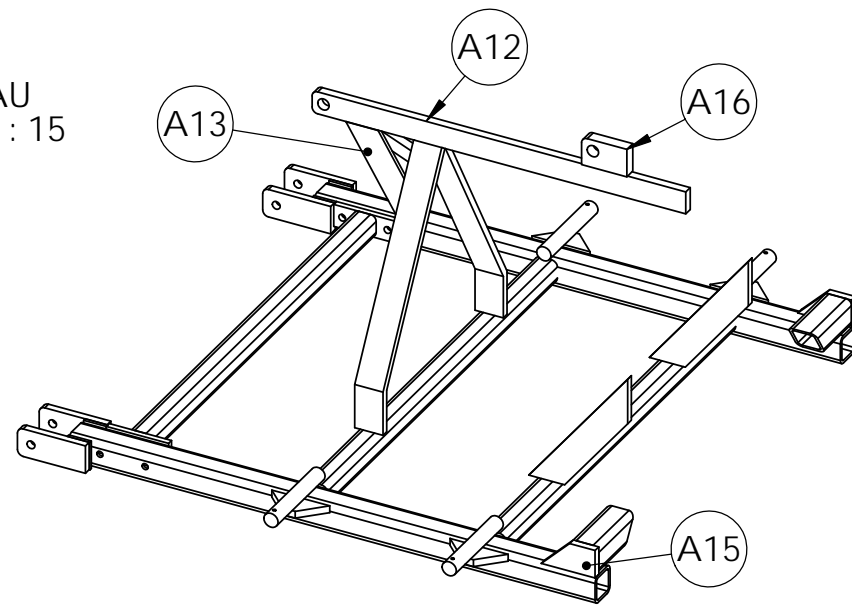


N°	Profil	mm	inch	Qté
A1	tube carre 2 1/2" x 1/4"	1160	46.5	2
A2	tube carre 2" x 1/4"	980	38.5625	2
A2 L	tube carre 2" x 1/4"	1180	46.5	
A3	plat plie 2 1/2" x 5/8"	600	23 5/8	2
A4	plat 2 1/2" x 5/8"	150	6	4
A5	tube carre 2 1/2" x 1/4"	145	5.9875	2
A5 L	tube carre 2 1/2" x 1/4"	245	9 3/4	
A6	rond etire 1 1/4"	200	7.875	4
A7	plat 2" x 5/8"	130	5.125	4
A9	plat 2 1/2" x 5/8"	360	14.1875	2
A11	plat 2" x 1/4"	50	2	4
A12	plat 2" x 3/4"	838,2	33	1
A13	plat 2" x 5/8"	215	8.4375	2
A15	plat 2 1/2" x 5/8"	120	4.75	2
A16	plat 2 1/2" x 1"		4"	1

Outil	Vibroplanche	Pièce	A-Châssis	Qté	1
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DÉTAIL AU
ECHELLE 2 : 15

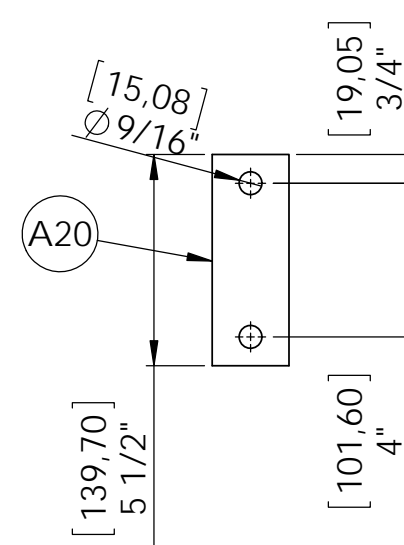
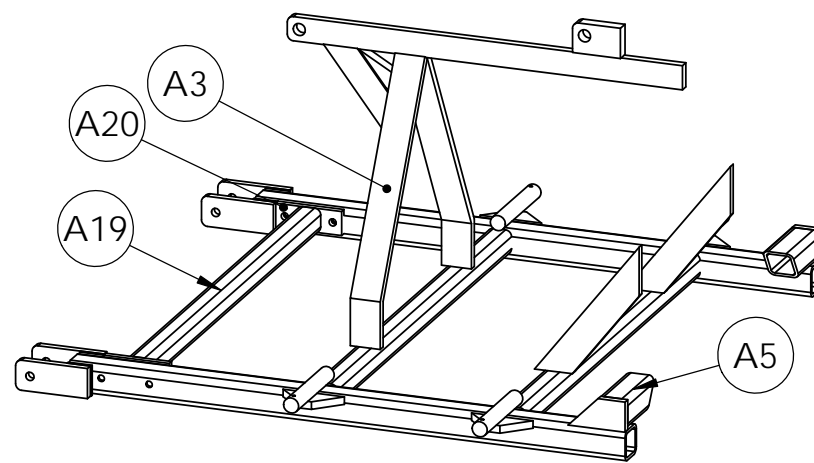
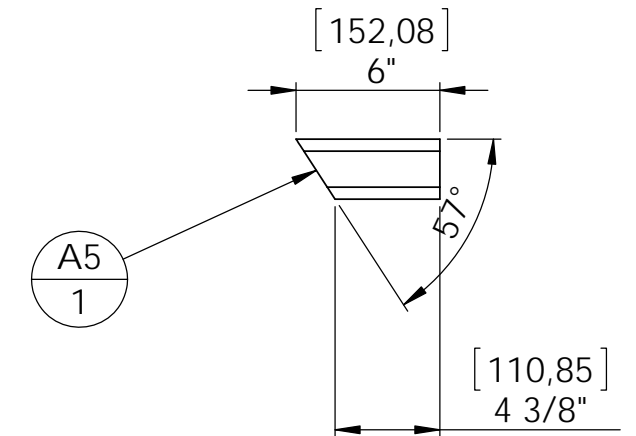
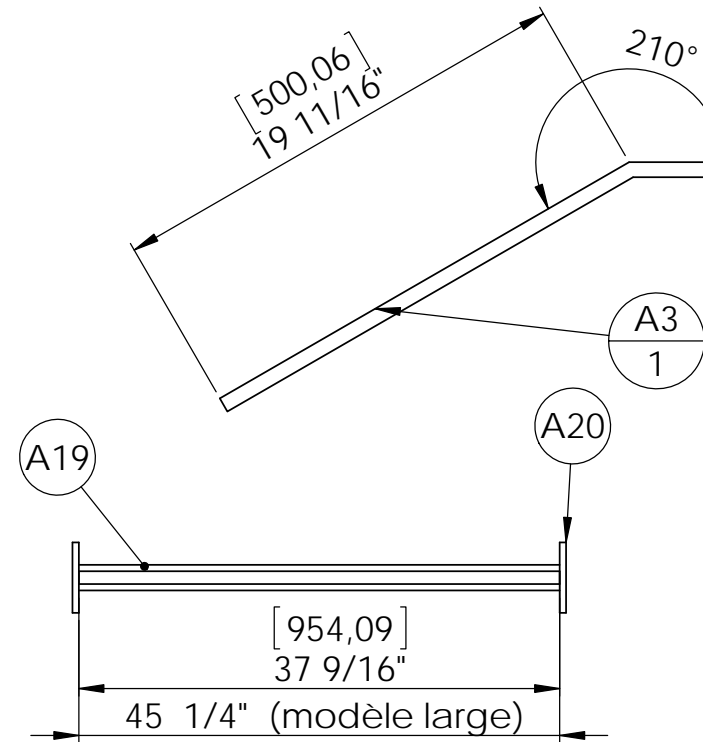
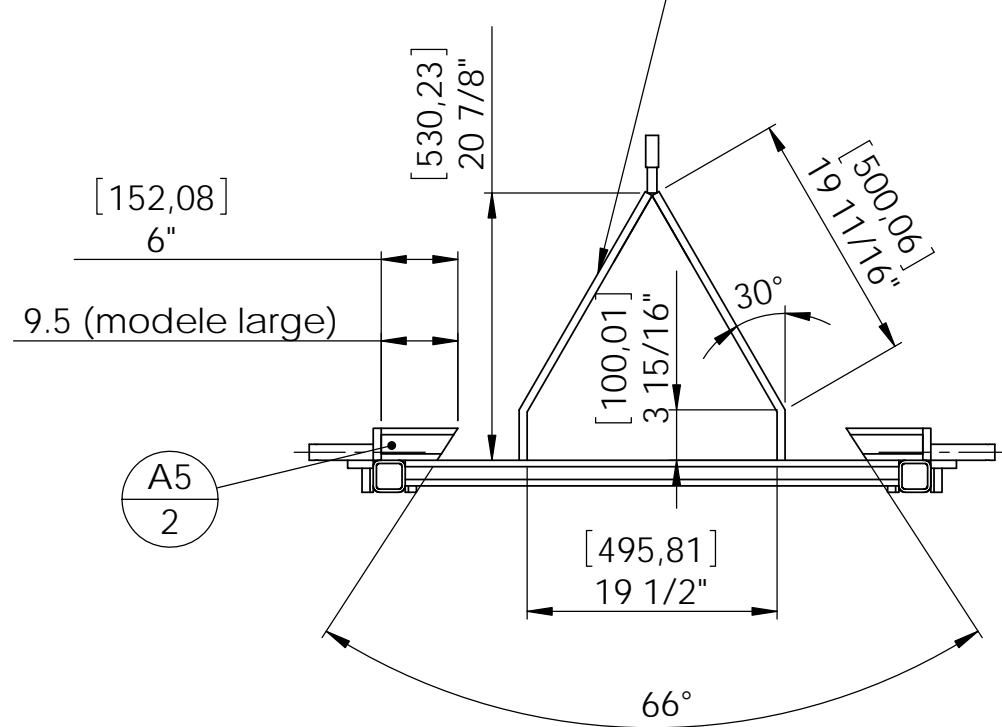


N°	Profil	mm	inch	Qté
A1	tube carre 2 1/2" x 1/4"	1160	46.5	2
A2	tube carre 2" x 1/4"	980	38.5625	2
A2 L	tube carre 2" x 1/4"	1180	46.5	
A3	plat plie 2 1/2" x 5/8"	600	23 5/8	2
A4	plat 2 1/2" x 5/8"	150	6	4
A5	tube carre 2 1/2" x 1/4"	145	5.9875	2
A5 L	tube carre 2 1/2" x 1/4"	245	9 3/4	
A6	rond etire 1 1/4"	200	7.875	4
A7	plat 2" x 5/8"	130	5.125	4
A9	plat 2 1/2" x 5/8"	360	14.1875	2
A11	plat 2" x 1/4"	50	2	4
A12	plat 2" x 3/4"	838,2	33	1
A13	plat 2" x 5/8"	215	8.4375	2
A15	plat 2 1/2" x 5/8"	120	4.75	2
A16	plat 2 1/2" x 5/8"	101,6	4"	1

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Outil	Vibroplanche	Pièce	A-Châssis	Qté	1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROUVE
-	-	Voir Feuille4	-	-

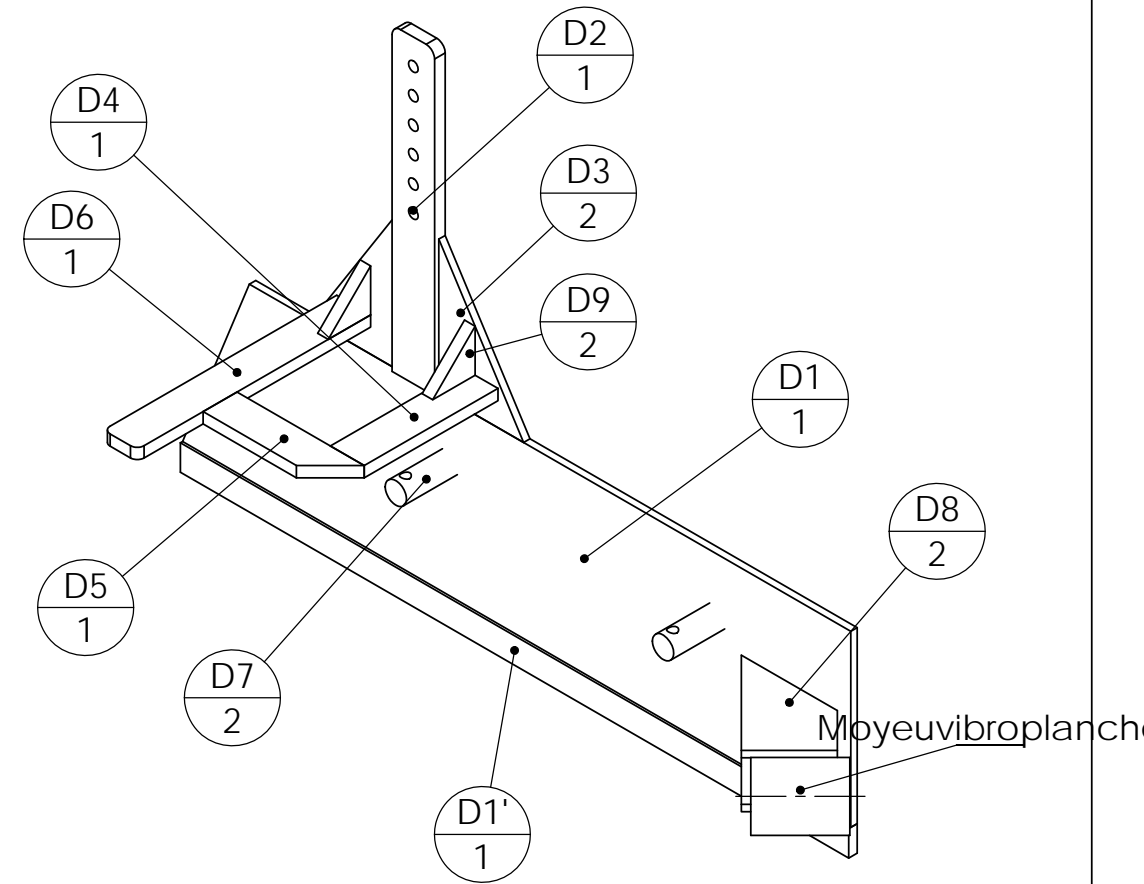
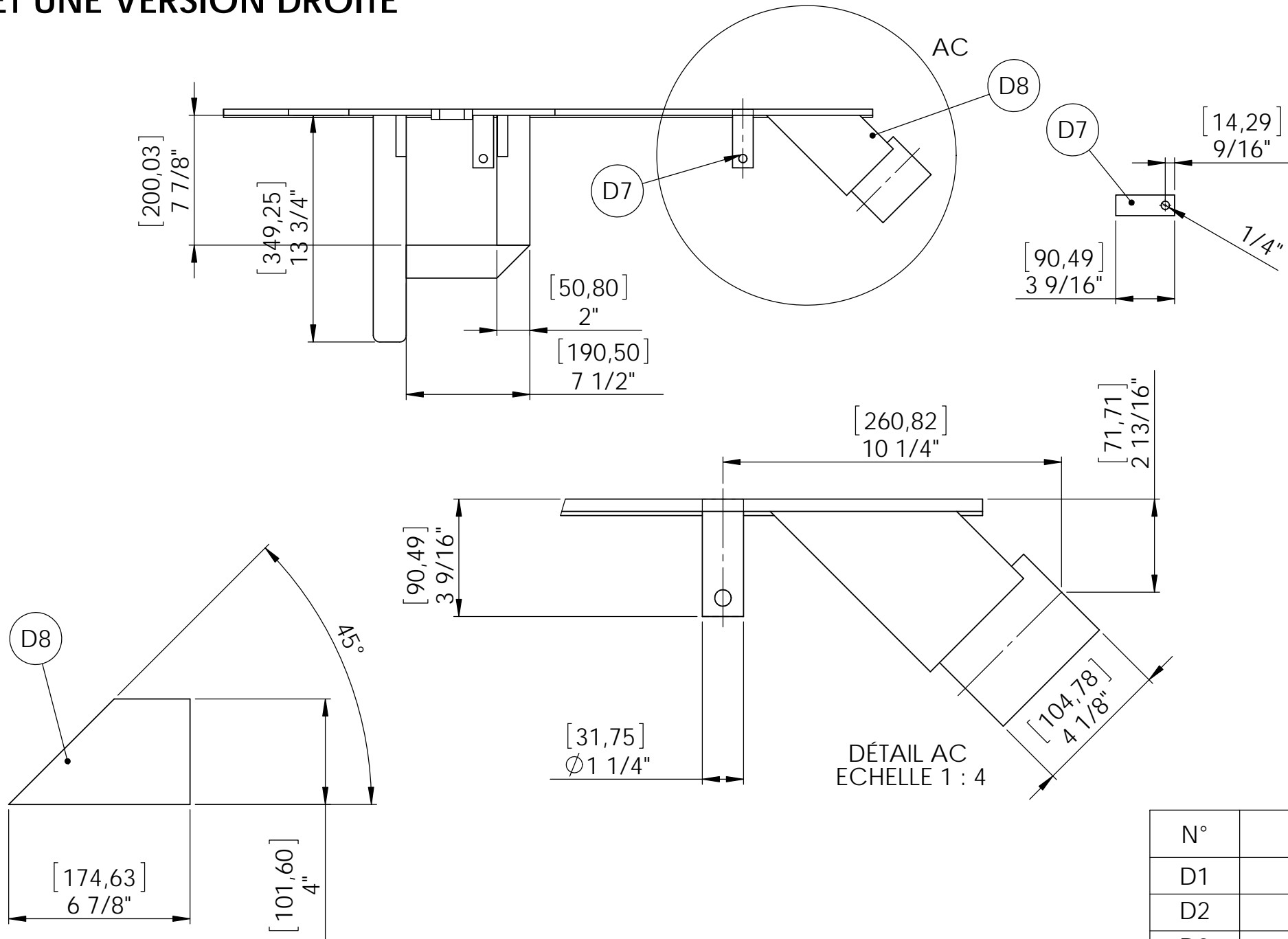
A3 : Fer plat 60 x 15 plié
(longueur totale 600mm = 23 1/2")



N°	Profil	mm	inch	Qté
A1	tube carre 2 1/2" x 1/4"	1160	46.5	2
A2	tube carre 2" x 1/4"	980	38.5625	2
A2 L	tube carre 2" x 1/4"	1180	46.5	
A3	plat plie 2 1/2" x 5/8"	600	23 5/8	2
A4	plat 2 1/2" x 5/8"	150	6	4
A5	tube carre 2 1/2" x 1/4"	145	5.9875	2
A5 L	tube carre 2 1/2" x 1/4"	245	9 3/4	
A6	rond etire 1 1/4"	200	7.875	4
A7	plat 2" x 5/8"	130	5.125	4
A9	plat 2 1/2" x 5/8"	360	14.1875	2
A11	plat 2" x 1/4"	50	2	4
A12	plat 2" x 3/4"	838,2	33	1
A13	plat 2" x 5/8"	215	8.4375	2
A15	plat 2 1/2" x 5/8"	120	4.75	2
A16	plat 2 1/2" x 1"	12	4"	1

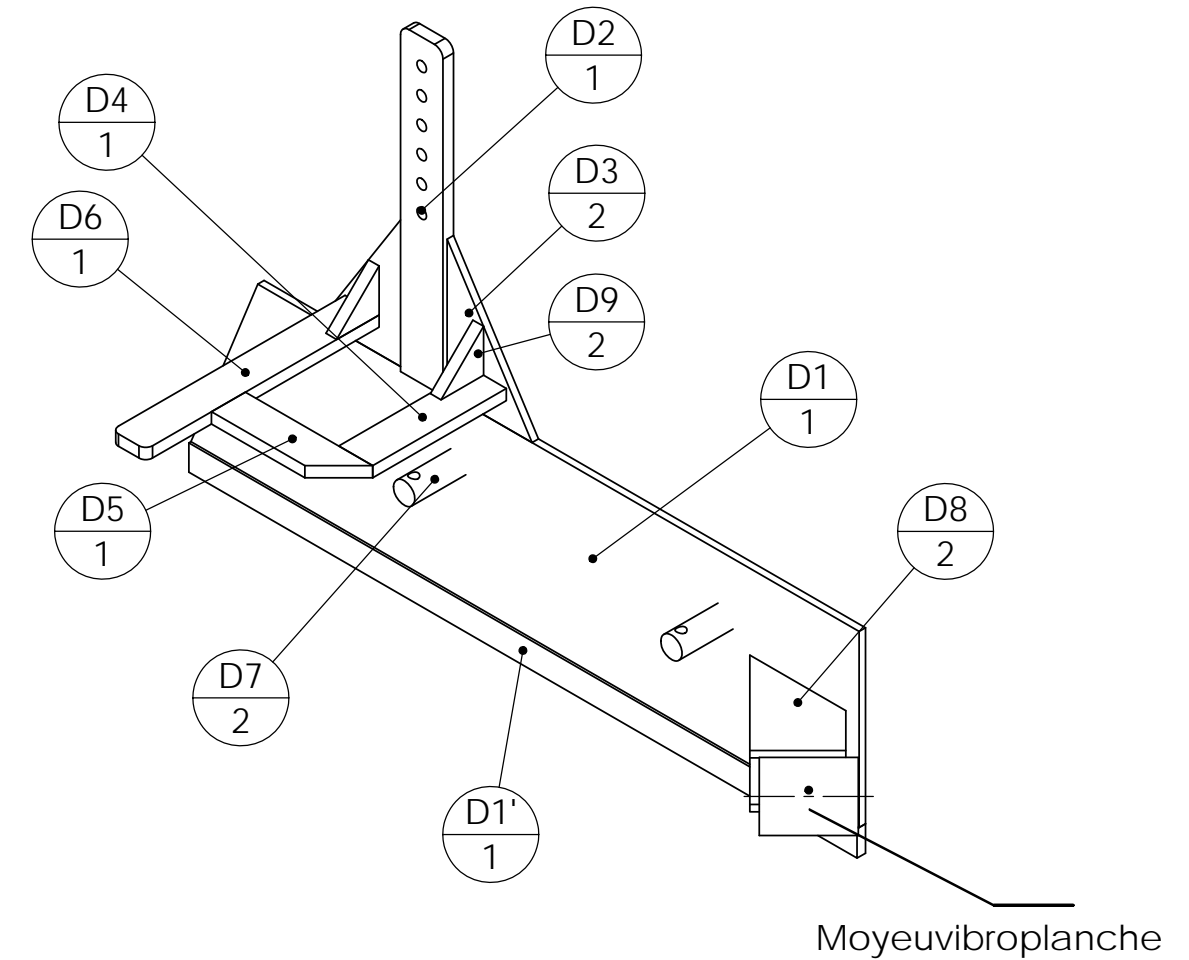
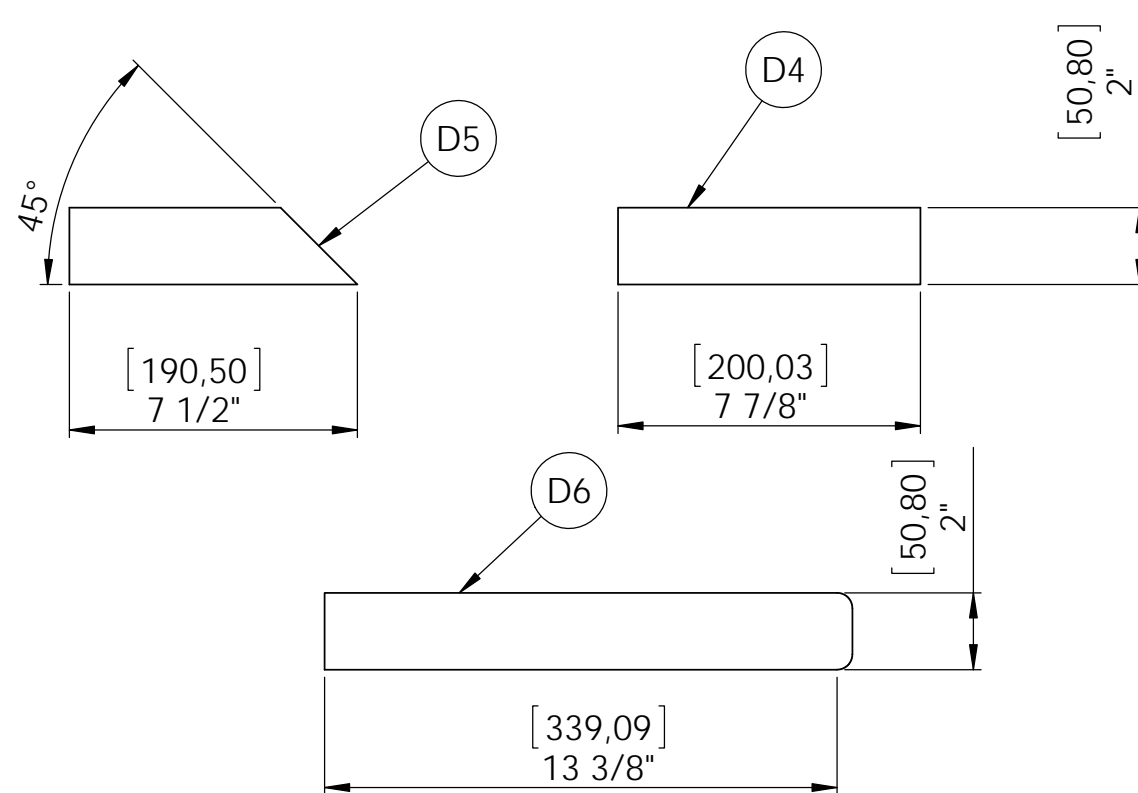
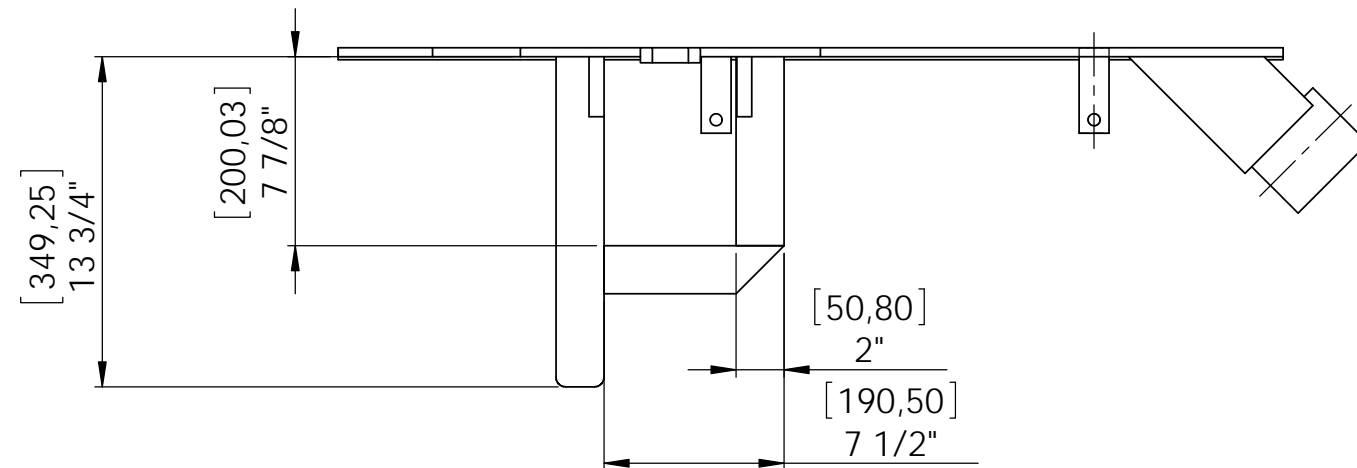
Outil	Vibroplanche	Pièce	D -Déflecteur	Qté	2
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**ATTENTION !
UNE VERSION GAUCHE
ET UNE VERSION DROITE**



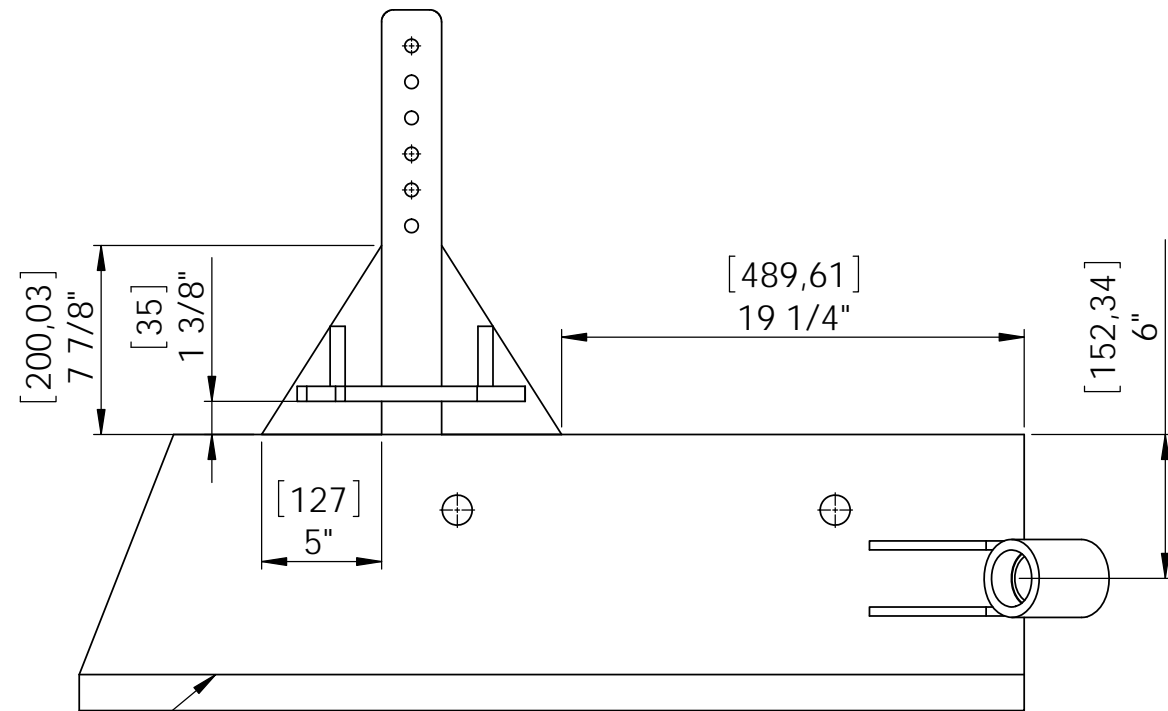
N°	Profil	mm	inch	Qté
D1	tole 10" x 3/8"	100 x 240 x 10	39 3/8	1
D2	plat 2 1/2" x 5/8"	450	17.6875	1
D3	plat 5" x 3/8"	200	7.875	2
D4	plat 2" x 5/8"	200	7.875	1
D5	plat 2" x 5/8"	150	7.5	1
D6	plat 2" x 5/8"	350	13.75	1
D9	plat 2 1/2" x 5/8"	60	2.5	2
D7	rond etire 1 1/4"	90	3.5625	2
D8	plat 4" x 3/8"	175	6.875	2
D1'	plat 1 1/2" x 1/2"	1000	39.375	1

**ATTENTION !
UNE VERSION GAUCHE
ET UNE VERSION DROITE**

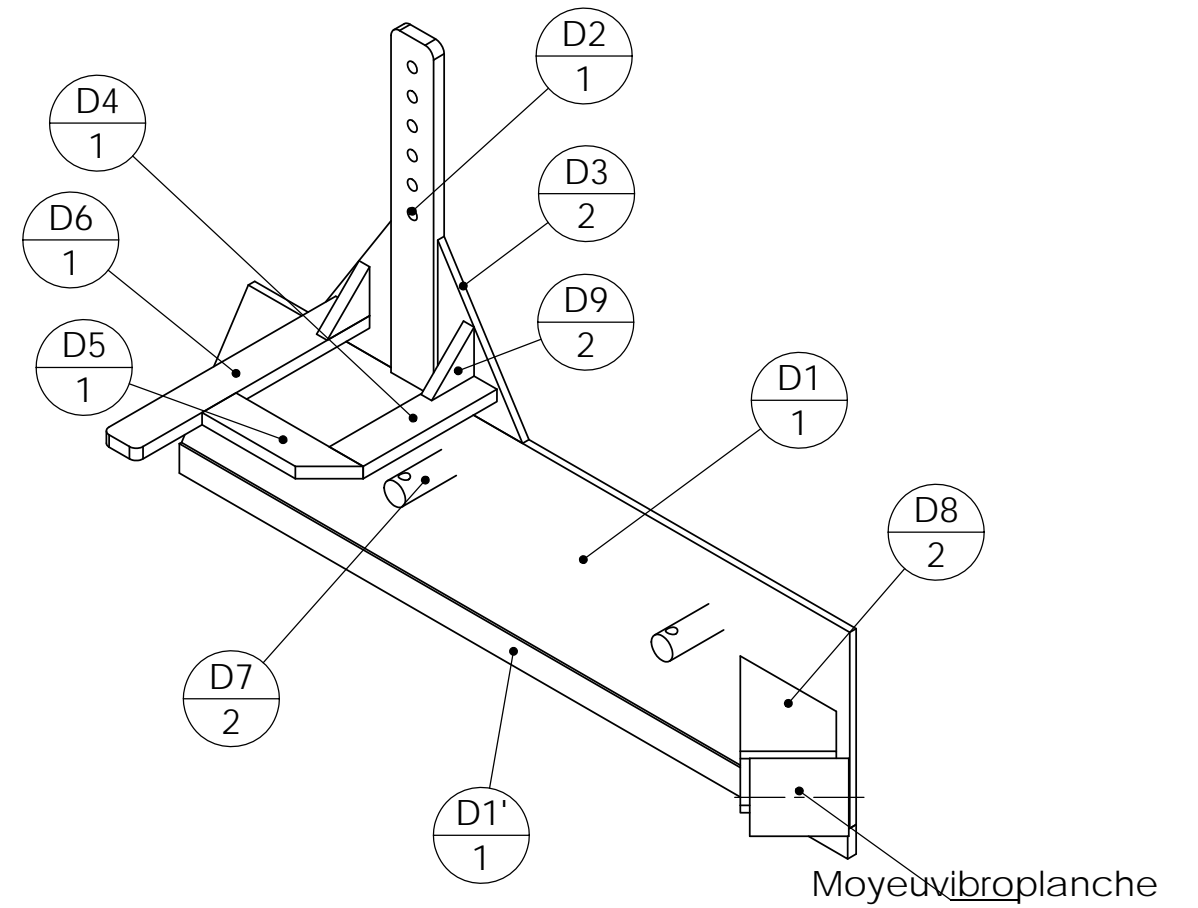
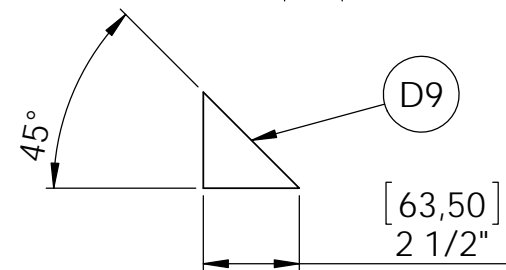
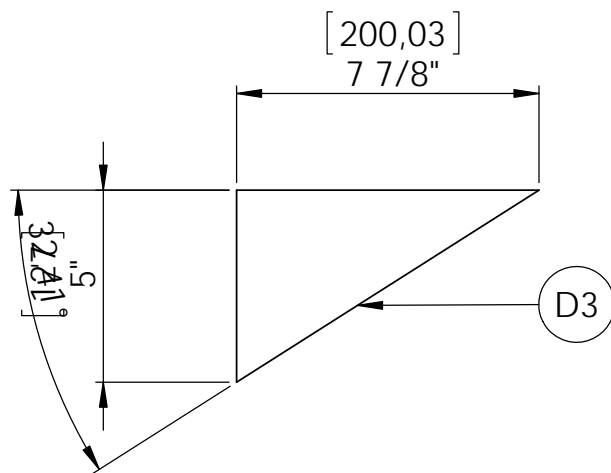
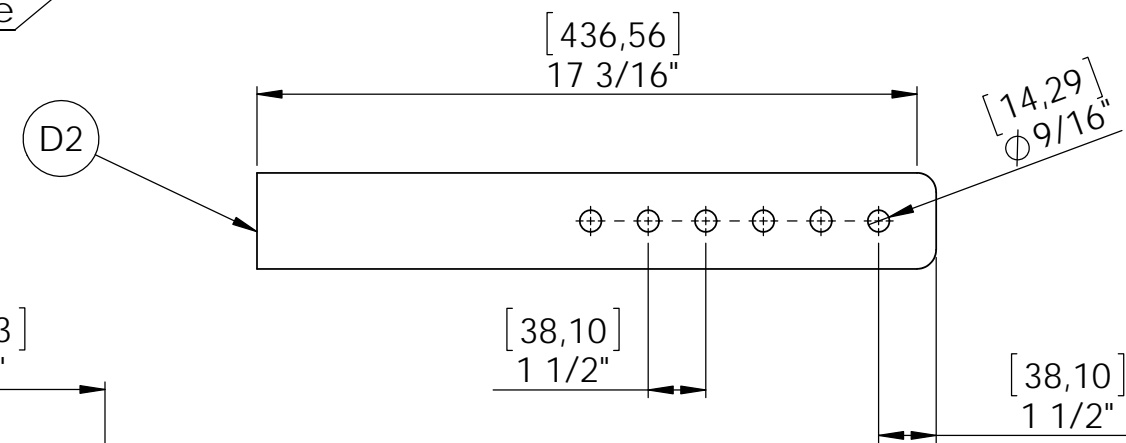


N°	Profil	mm	inch	Qté
D1	tole 10" x 3/8"	100 x 240 x 10	39 3/8	1
D2	plat 2 1/2" x 5/8"	450	17.6875	1
D3	plat 5" x 3/8"	200	7.875	2
D4	plat 2" x 5/8"	200	7.875	1
D5	plat 2" x 5/8"	150	7.5	1
D6	plat 2" x 5/8"	350	13.75	1
D9	plat 2 1/2" x 5/8"	60	2.5	2
D7	rond etire 1 1/4"	90	3.5625	2
D8	plat 4" x 3/8"	175	6.875	2
D1'	plat 1 1/2" x 1/2"	1000	39.375	1

Outil	Vibroplanche	Pièce	D -Déflecteur	Qté	2
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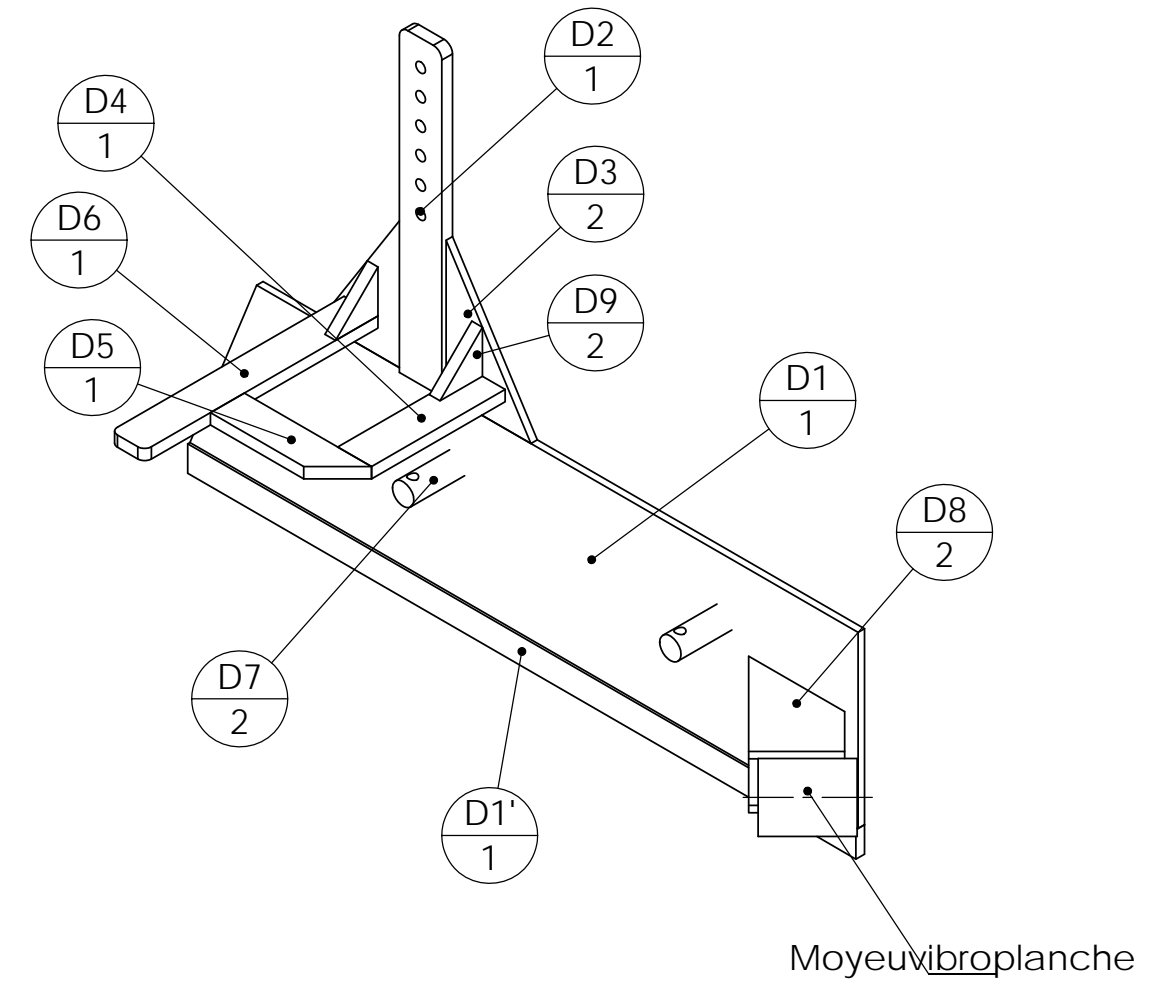
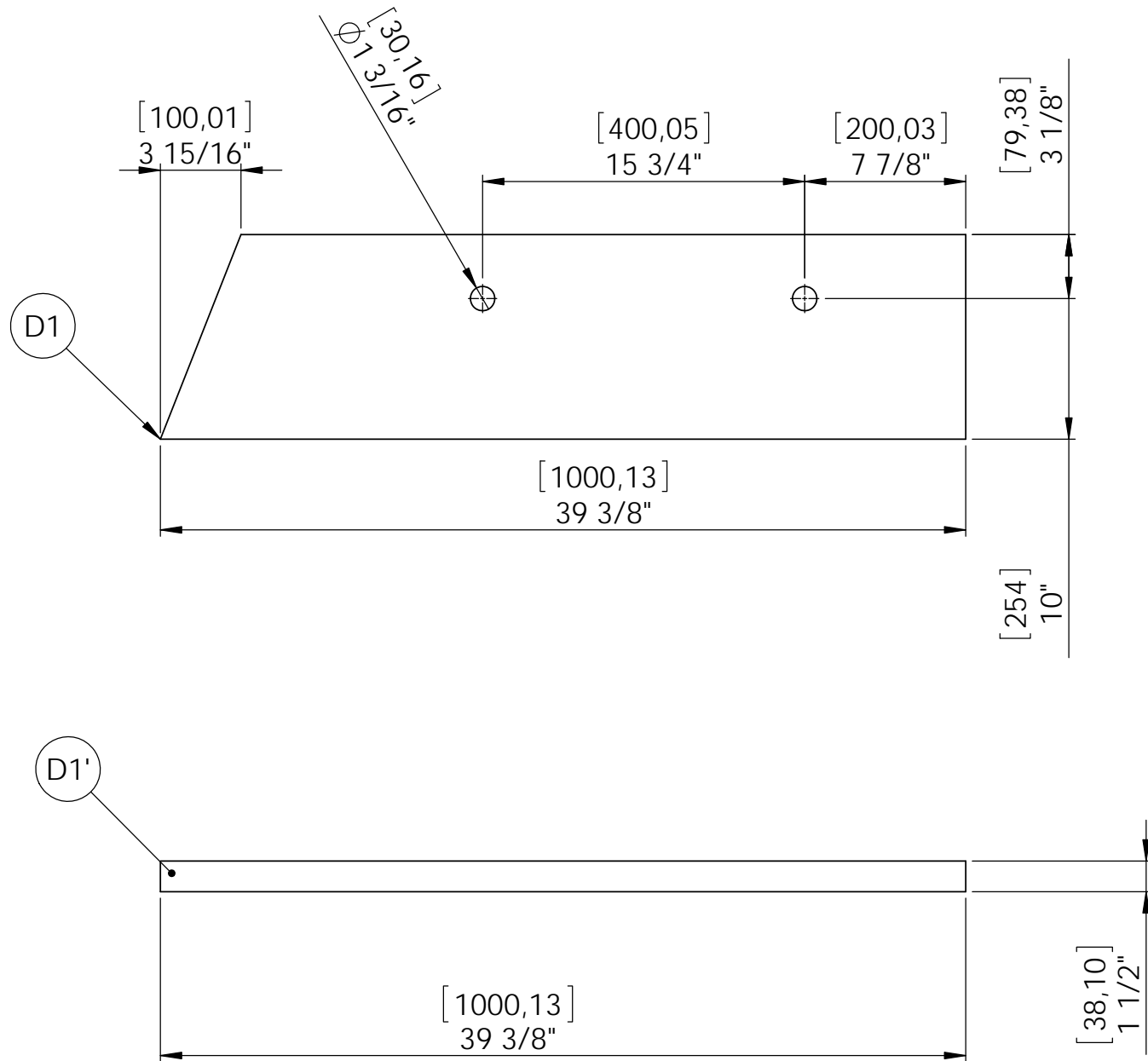


Soudure discontinue pour la semelle d'usure



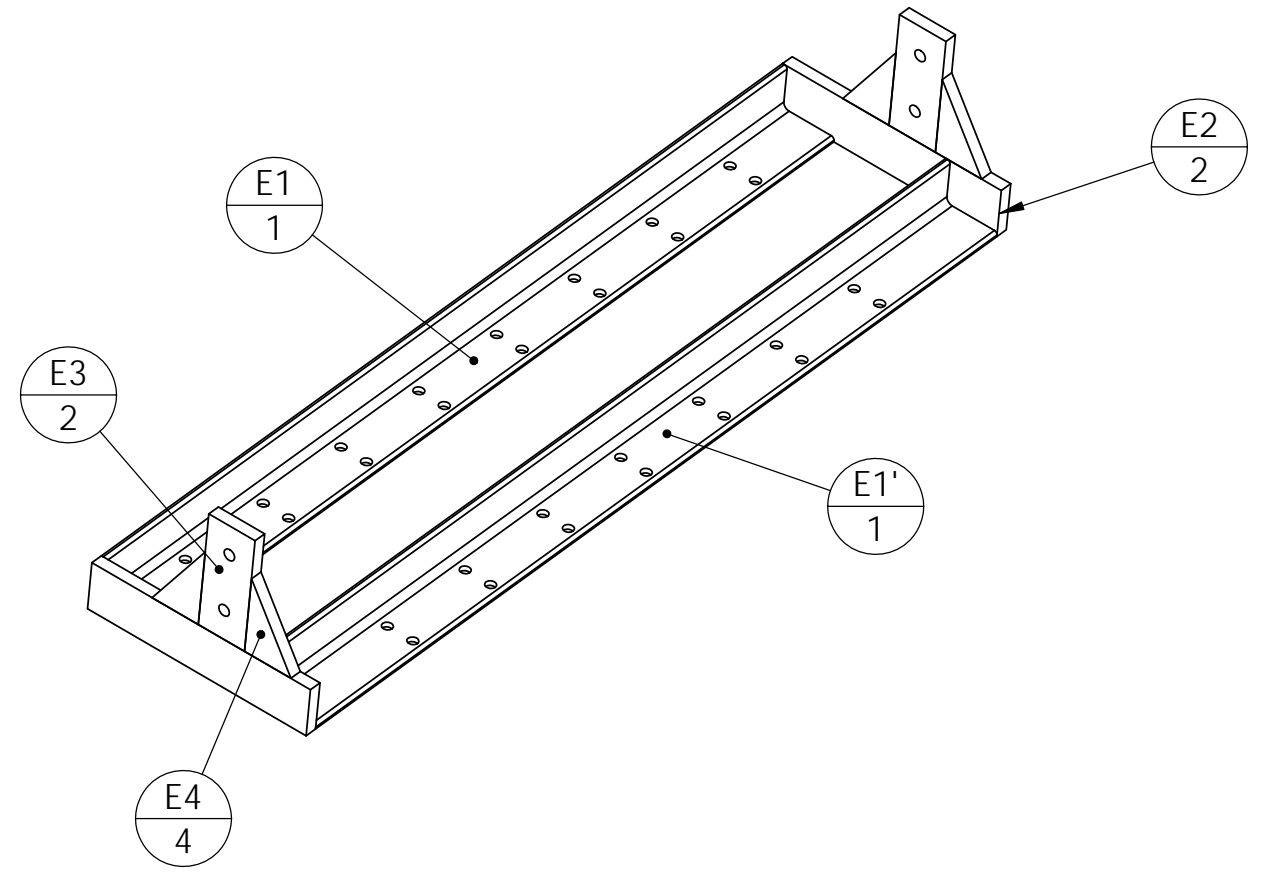
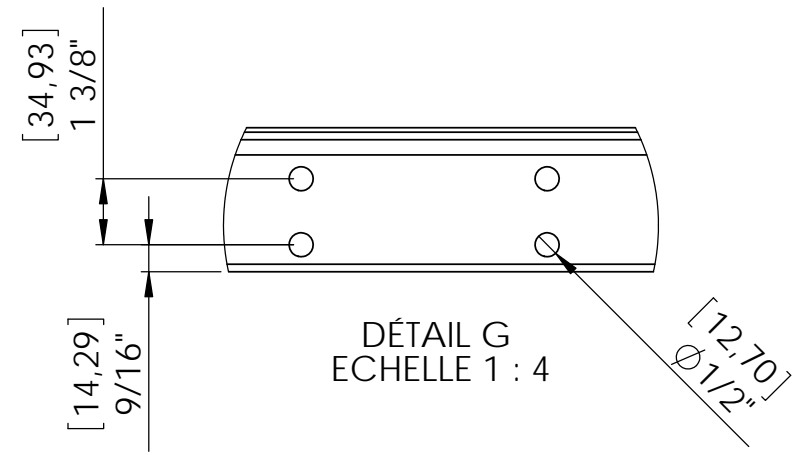
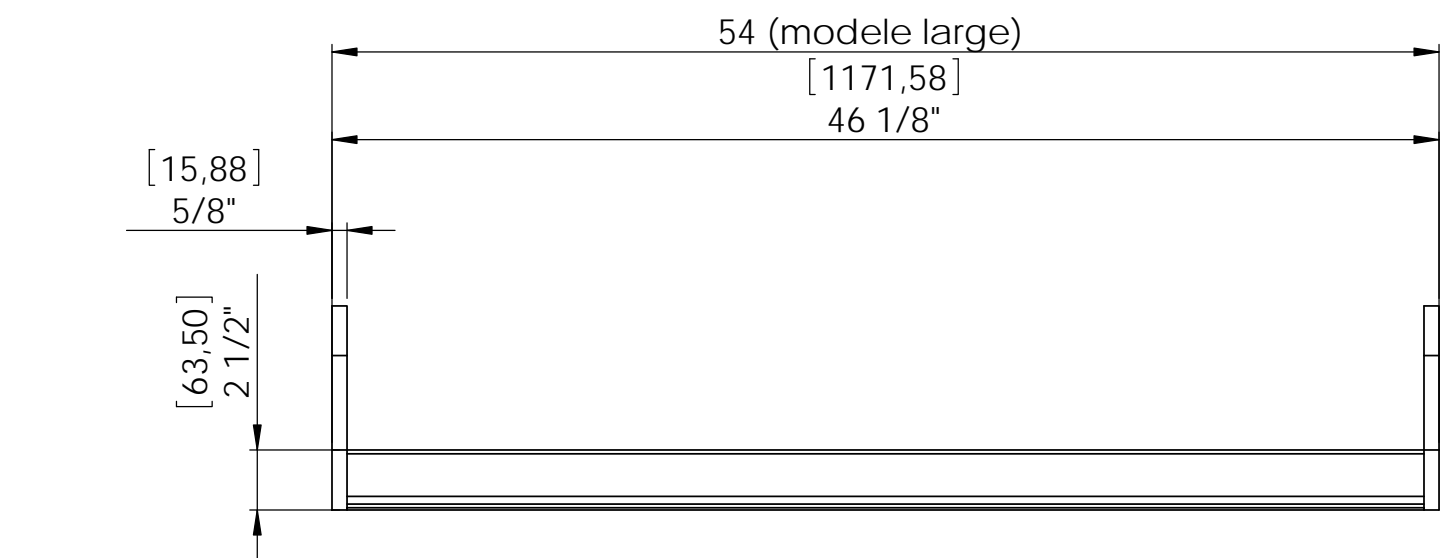
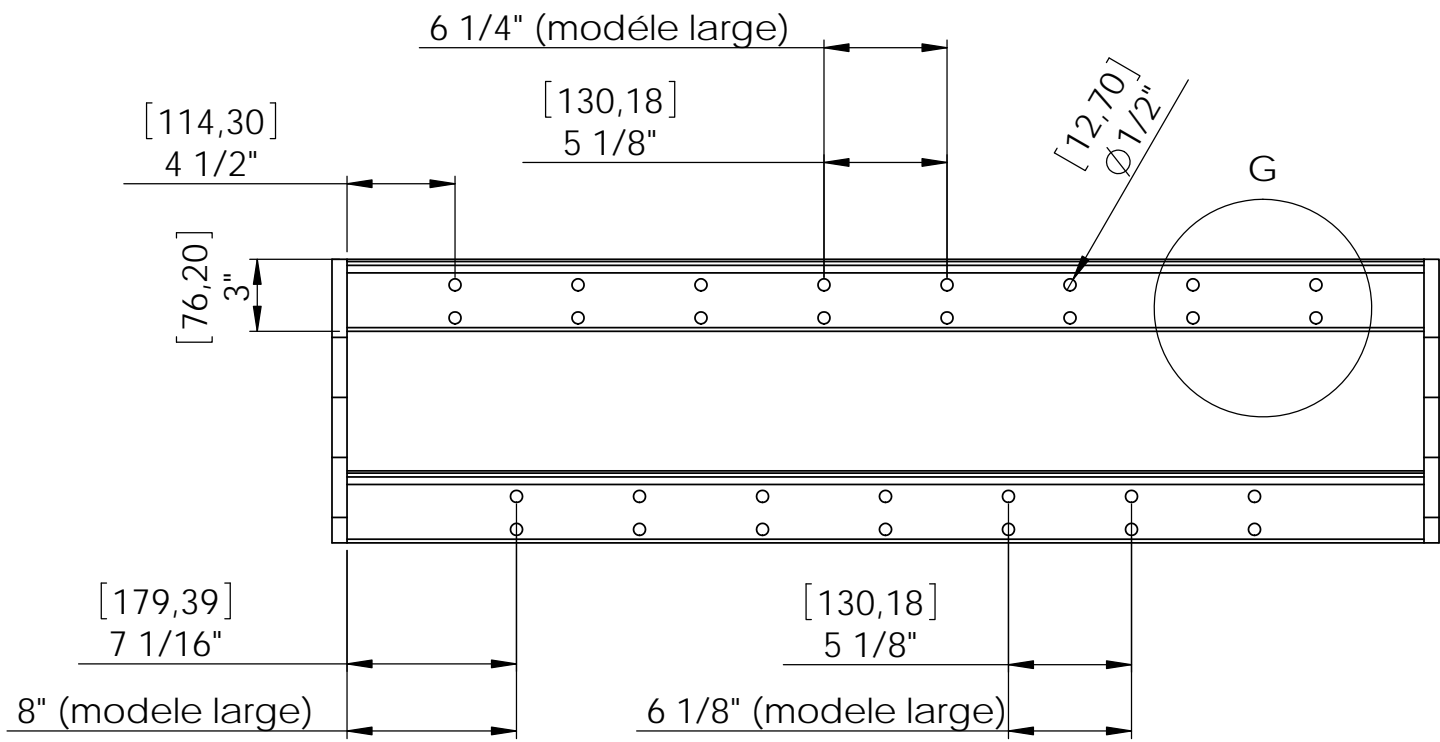
N°	Profil	mm	inch	Qté
D1	tole 10" x 3/8"	100 x 240 x 10	39 3/8	1
D2	plat 2 1/2" x 5/8"	450	17.6875	1
D3	plat 5" x 3/8"	200	7.875	2
D4	plat 2" x 5/8"	200	7.875	1
D5	plat 2" x 5/8"	150	7.5	1
D6	plat 2" x 5/8"	350	13.75	1
D9	plat 2 1/2"x 5/8"	60	2.5	2
D7	rond etire 1 1/4"	90	3.5625	2
D8	plat 4" x 3/8"	175	6.875	2
D1'	plat 1 1/2" x 1/2"	1000	39.375	1

Outil	Vibroplanche	Pièce	D -Déflecteur	Qté	2
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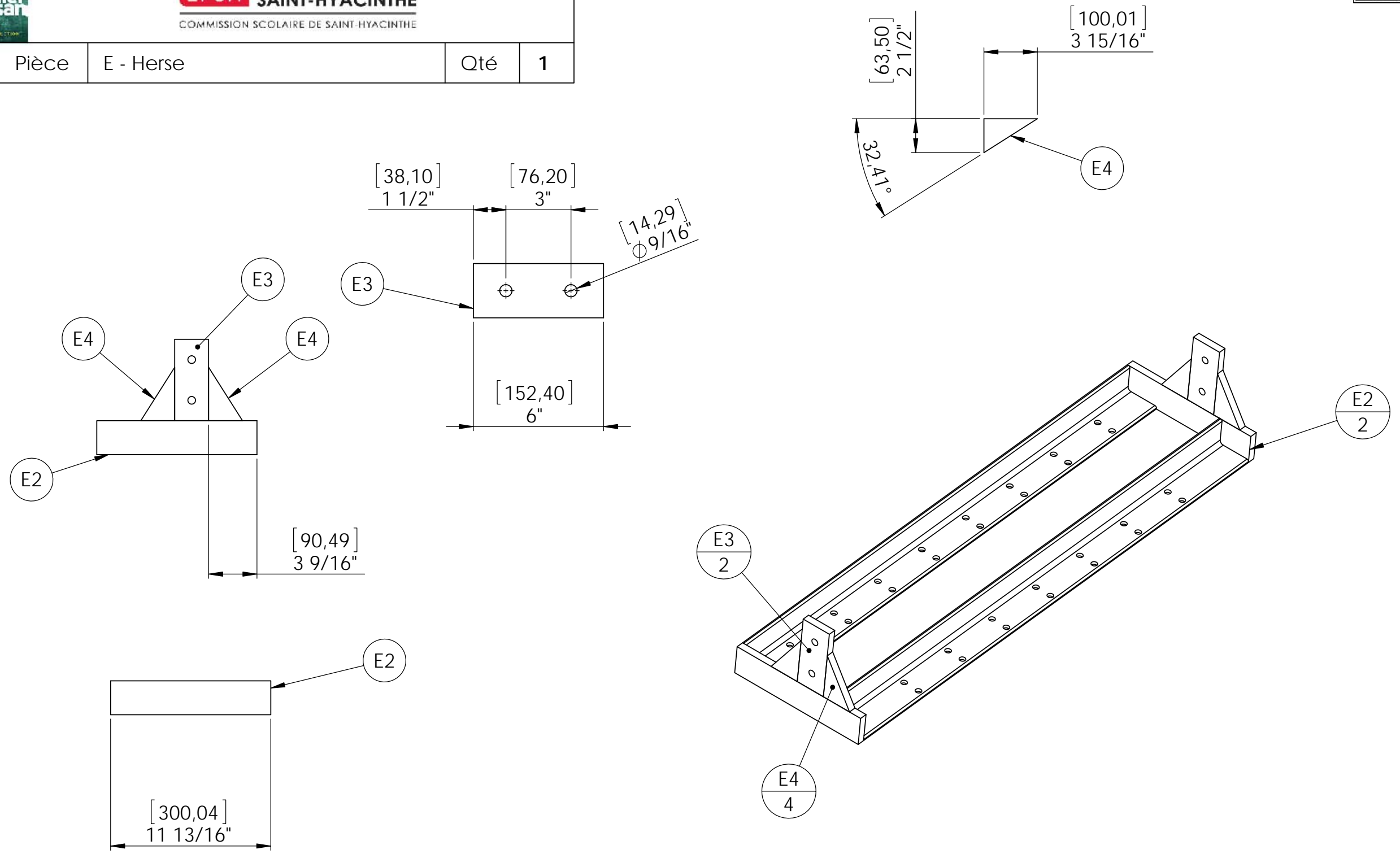
N°	Profil	mm	inch	Qté
D1	tole 10" x 3/8"	100 x 240 x 10	39 3/8	1
D2	plat 2 1/2" x 5/8"	450	17.6875	1
D3	plat 5" x 3/8"	200	7.875	2
D4	plat 2" x 5/8"	200	7.875	1
D5	plat 2" x 5/8"	150	7.5	1
D6	plat 2" x 5/8"	350	13.75	1
D9	plat 2 1/2"x 5/8"	60	2.5	2
D7	rond etire 1 1/4"	90	3.5625	2
D8	plat 4" x 3/8"	175	6.875	2
D1'	plat 1 1/2" x 1/2"	1000	39.375	1

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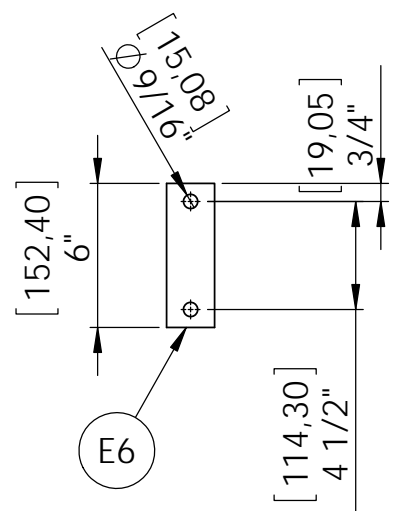
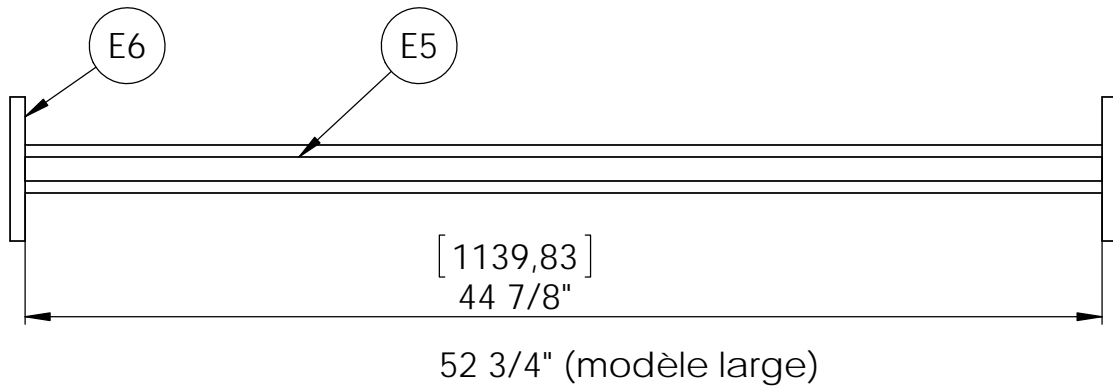
N°	Profil	mm	inch	Qté
E1	corniere 3" x 2 1/2" x 1/4"	1140	44.875	1
E1 L		1340	52 3/4	
E1'	corniere 3" x 2 1/2" x 1/4"	1140	44.875	1
E1' L		1340	52 3/4	
E2	plat 2 1/2" x 5/8"	300	11.8125	2
E3	plat 2 1/2" x 5/8"	150	6	2
E4	plat 2 1/2" x 5/8"	100	3.9375	4

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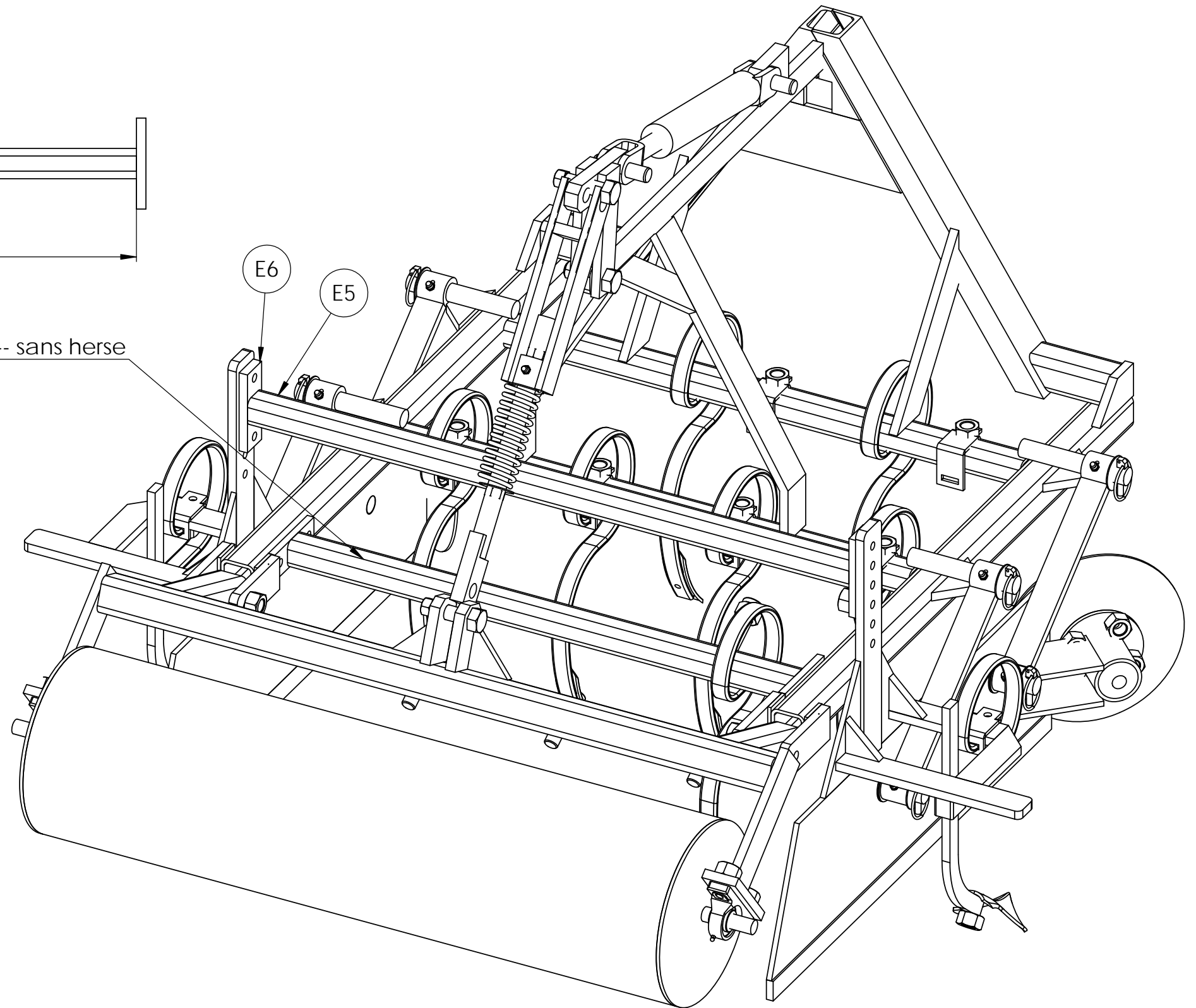


N°	Profil	mm	inch	Qté
E1	corniere 3" x 2 1/2" x 1/4"	1140	44.875	1
E1 L	corniere 3" x 2 1/2" x 1/4"	1340	52 3/4	
E1'	corniere 3" x 2 1/2" x 1/4"	1140	44.875	1
E1' L	corniere 3" x 2 1/2" x 1/4"	1340	52 3/4	
E2	plat 2 1/2" x 5/8"	300	11.8125	2
E3	plat 2 1/2" x 5/8"	150	6	2
E4	plat 2 1/2" x 5/8"	100	3.9375	4

Outil	Vibroplanche	Pièce	E - vibroplanche sans herse	Qté	1
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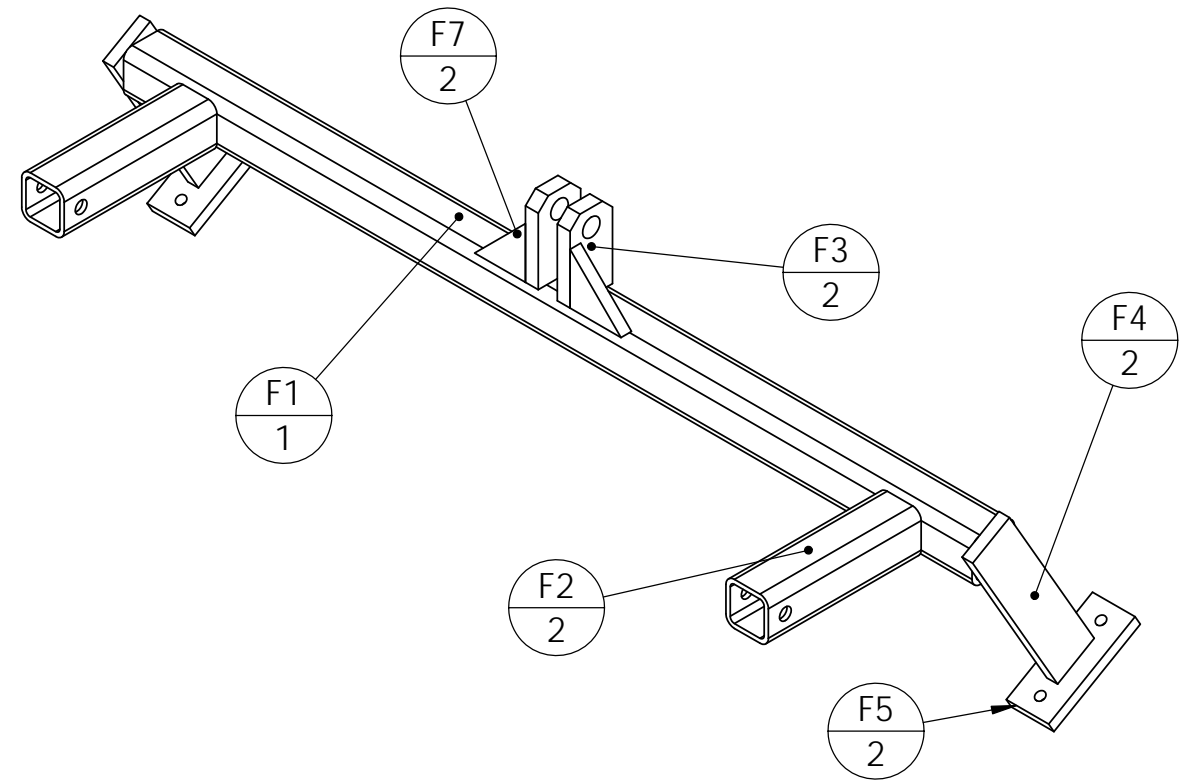
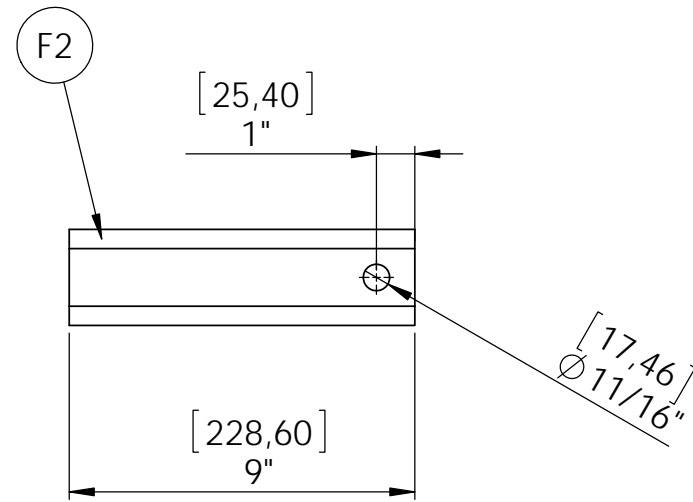
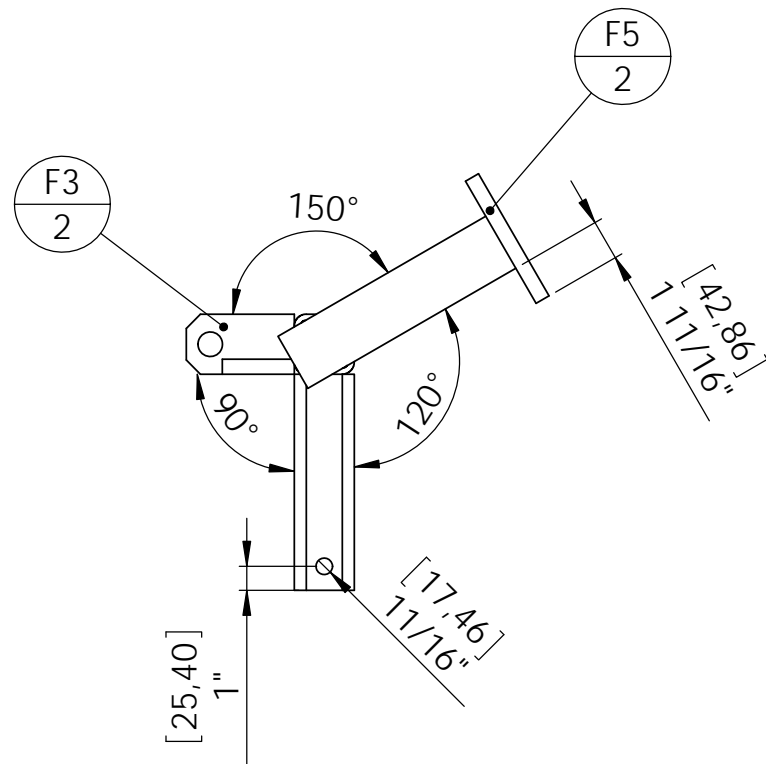
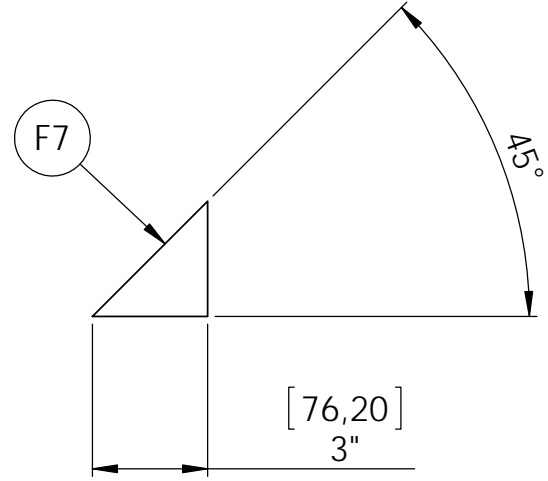
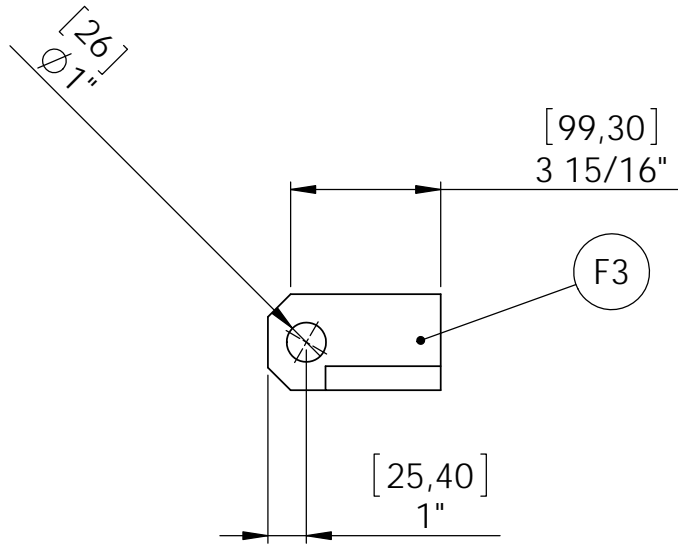


E -- sans herse



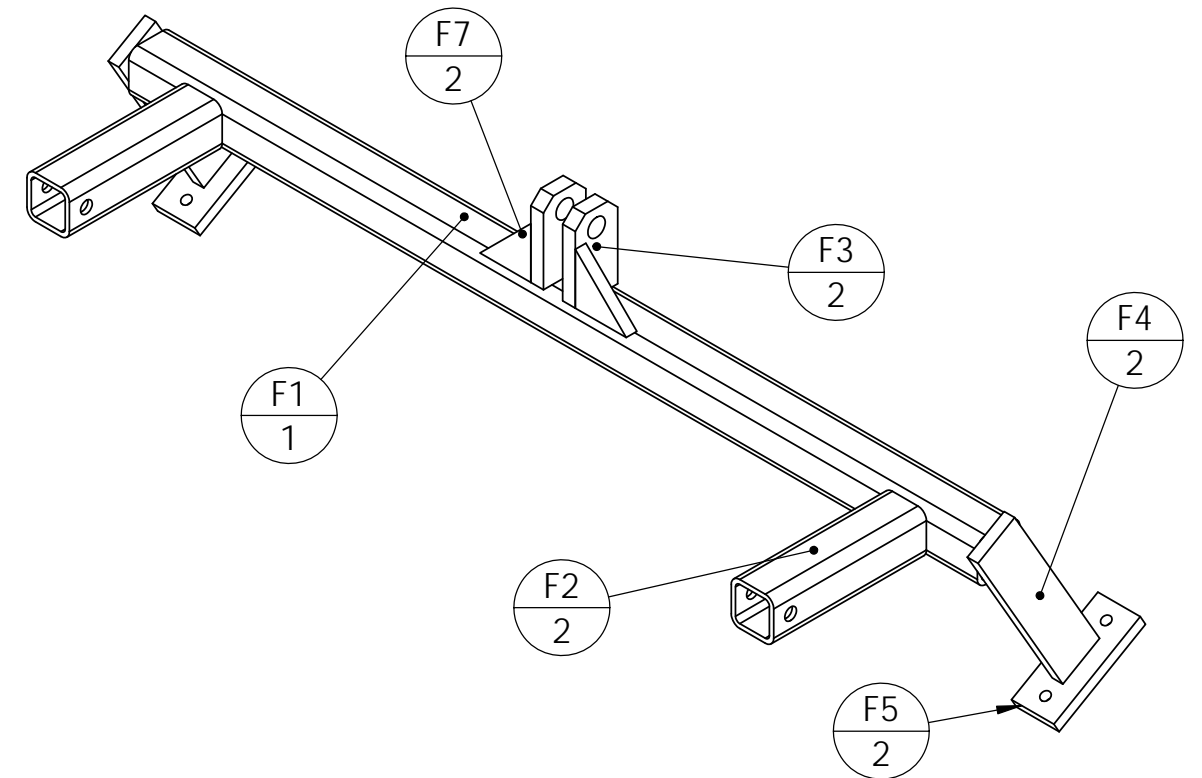
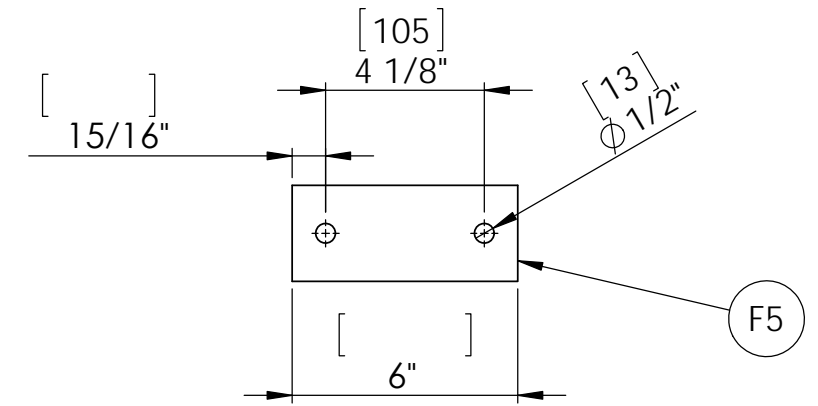
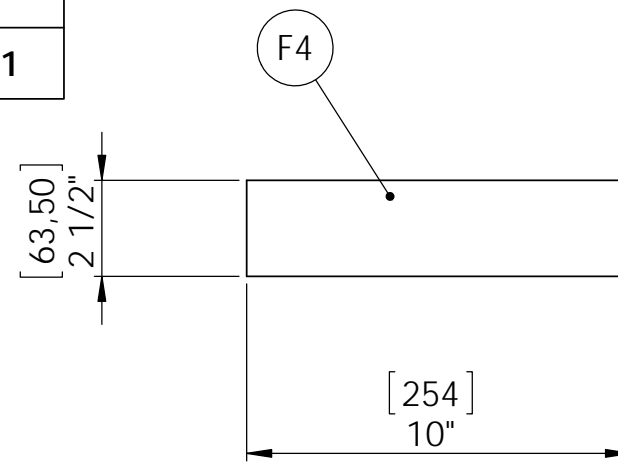
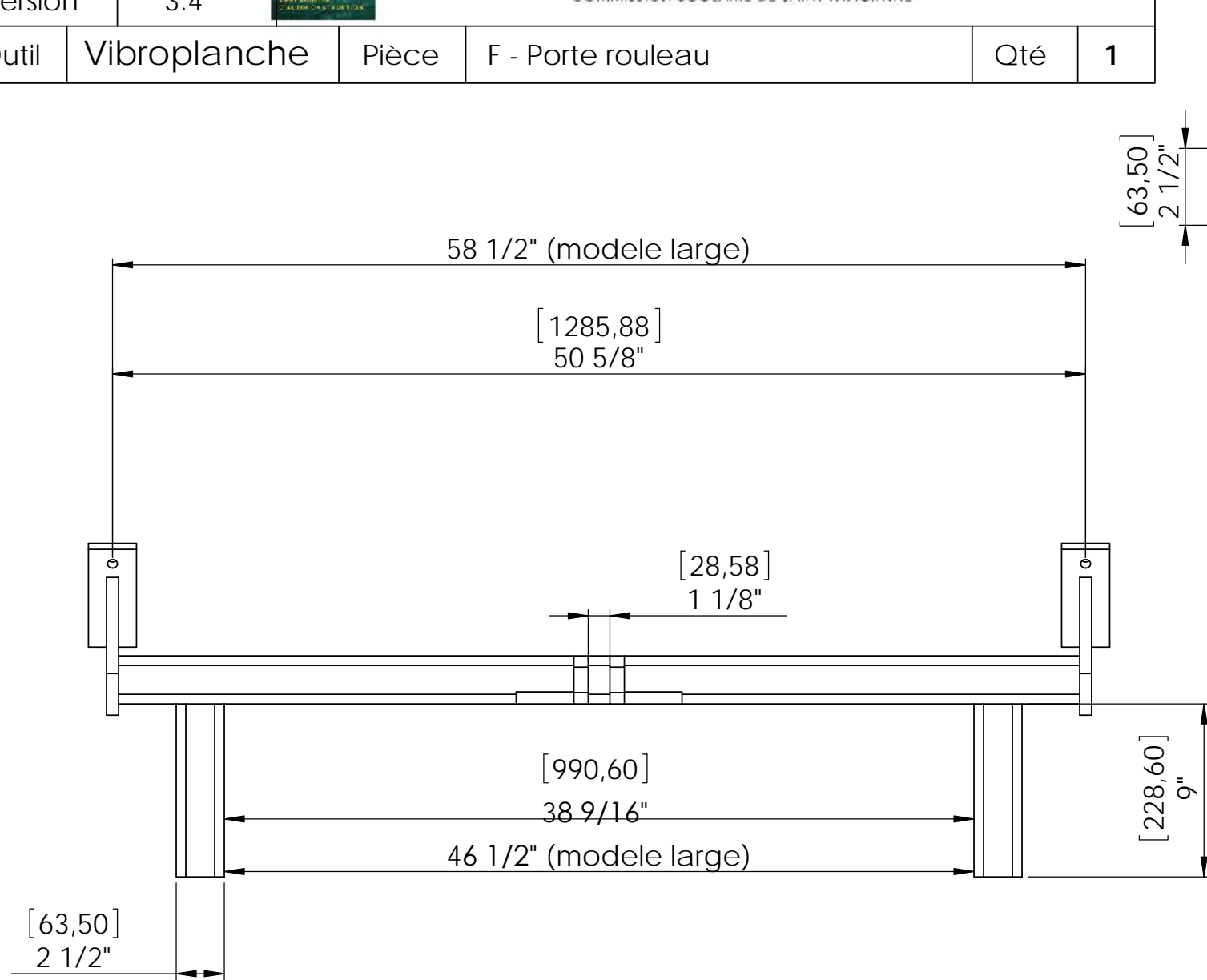
No. ARTICLE	NUMERO DE PIECE	DESCRIPTION	QTE
1	E5	tube carré 50 x 5	1
2	E6	plat 2" x 1/2"	2

Version	3.4
Outil	Vibroplanche
Pièce	F - Porte rouleau
Qté	1



N°	Profil	mm	inch	Qté
F1	tube carre 2 1/2" x 1/4"	1270	50	1
F1 L	tube carre 2 1/2" x 1/4"	1470	57 3/4	1
F2	tube carre 2 1/2" x 1/4"	200	9	2
F3	plat 2 1/2" x 3/4"	150	4.5	2
F4	plat 2 1/2" x 5/8"	200	10	2
F5	plat 2 1/2" x 5/8"	150	5.875	2
F7	Plat 3 X 5/8"	76,2	3	2

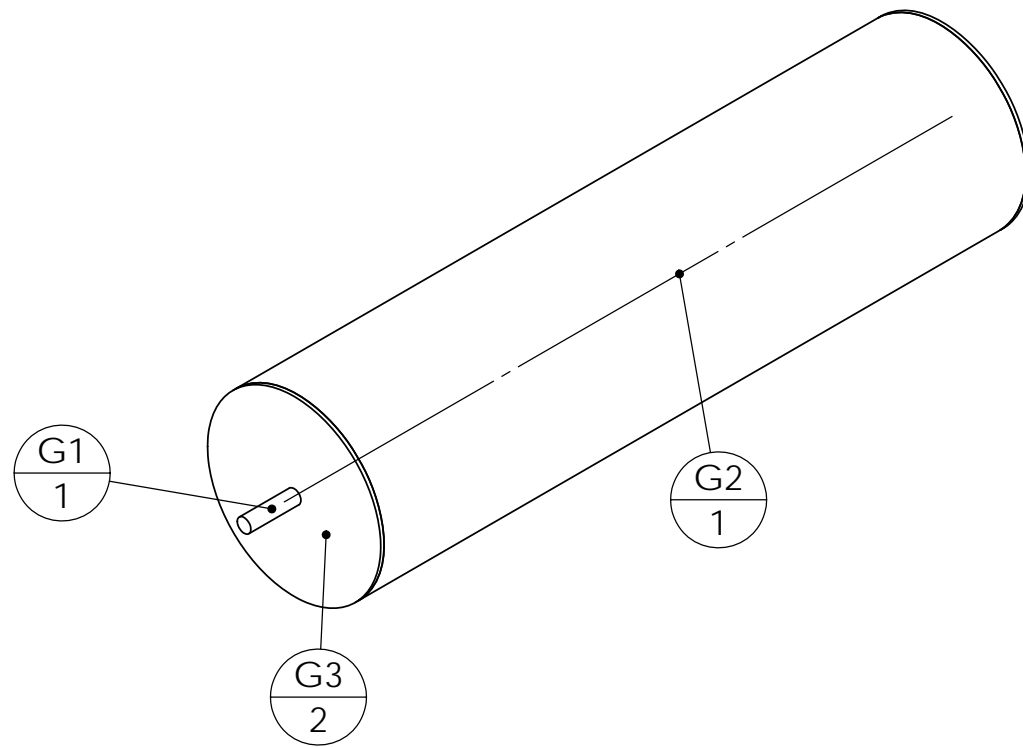
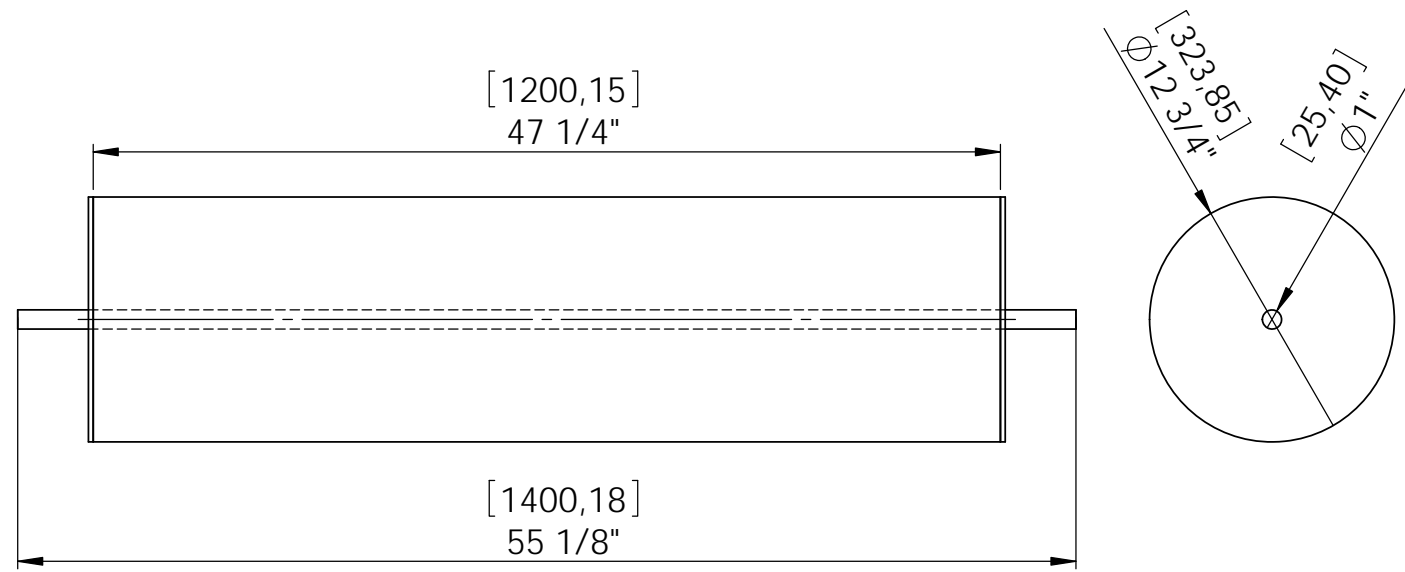
Version	3.4
Outil	Vibroplanche
Pièce	F - Porte rouleau
Qté	1



N°	Profil	mm	inch	Qté
F1	tube carre 2 1/2" x 1/4"	1270	50	1
F1 L		1470	57 3/4	
F2	tube carre 2 1/2" x 1/4"	200	9	2
F3	plat 2 1/2" x 3/4"	150	4.5	2
F4	plat 2 1/2" x 5/8"	200	10	2
F5	plat 2 1/2" x 5/8"	150	5.875	2
F7	Plat 3 X 5/8"	76,2	3	2

Date	Avril 2015		 COMMISSION SCOLAIRE DE SAINT-HYACINTHE	
Version	3.4			
Outil	Vibroplanche	Pièce	G- rouleau lisse	Qté 1

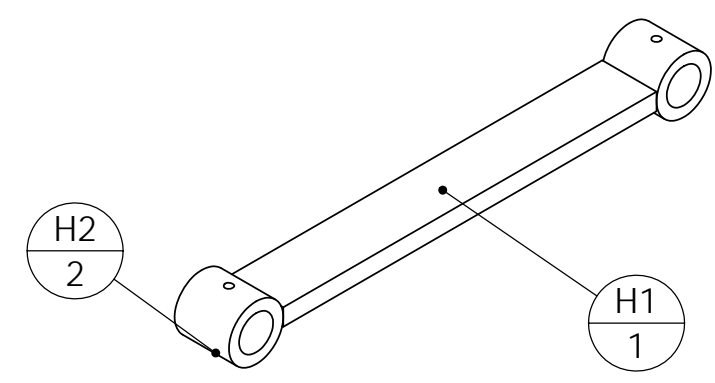
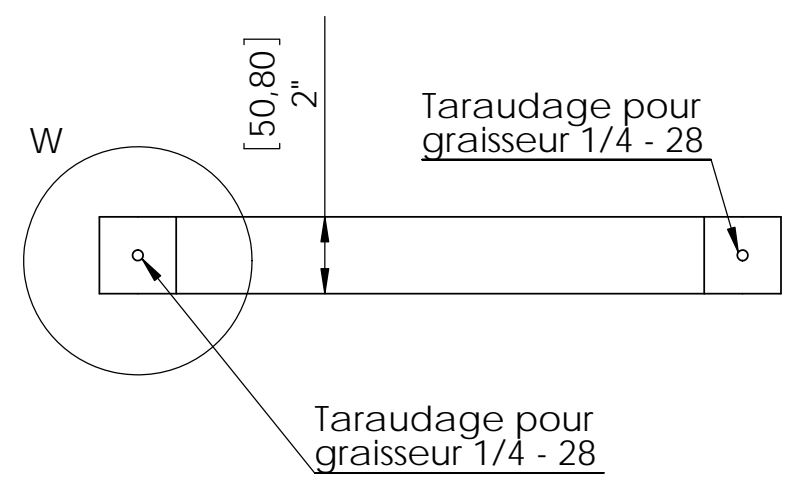
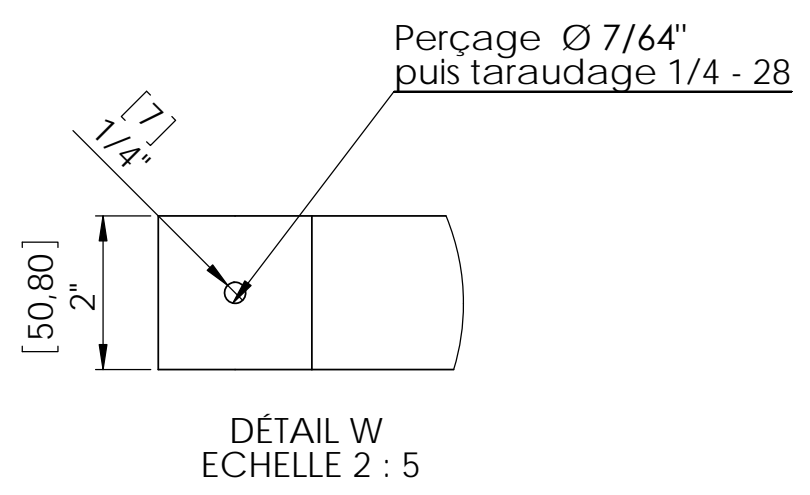
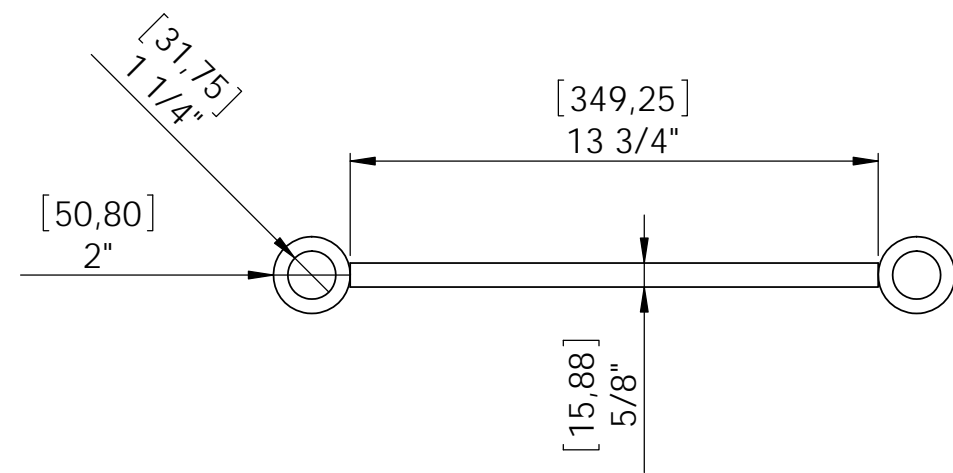
Outil	Vibroplanche	Pièce	G - Rouleau cage	Qté	1
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N°	Profil	mm	inch	Qté
G1	rond etire Ø1"	1400	55.125	1
G2	tube Ø12 3/4" x 1/4"	1200	47.25	1
G3	disque Ø12 3/4" x 1/4"	6	1/4"	2

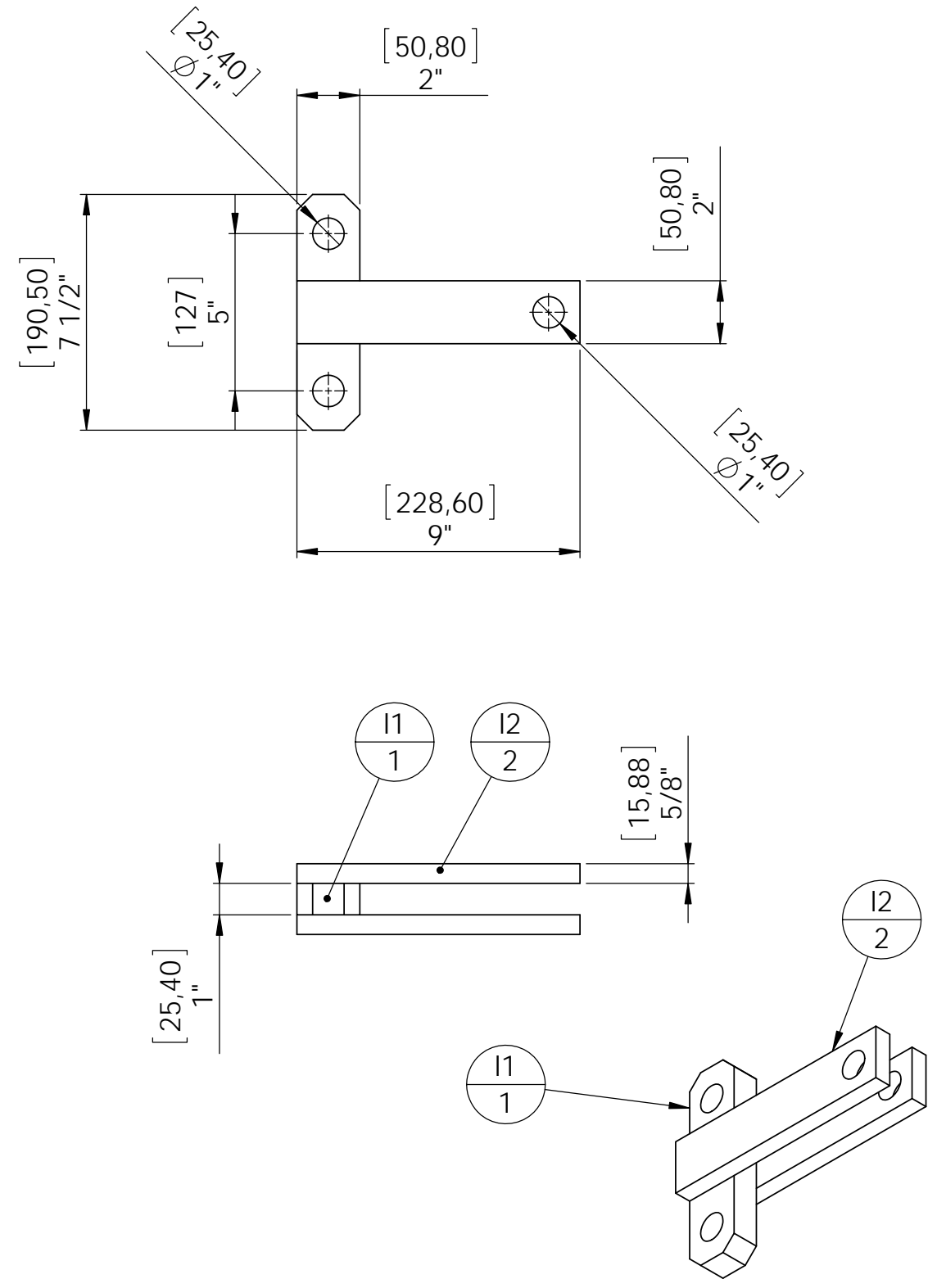
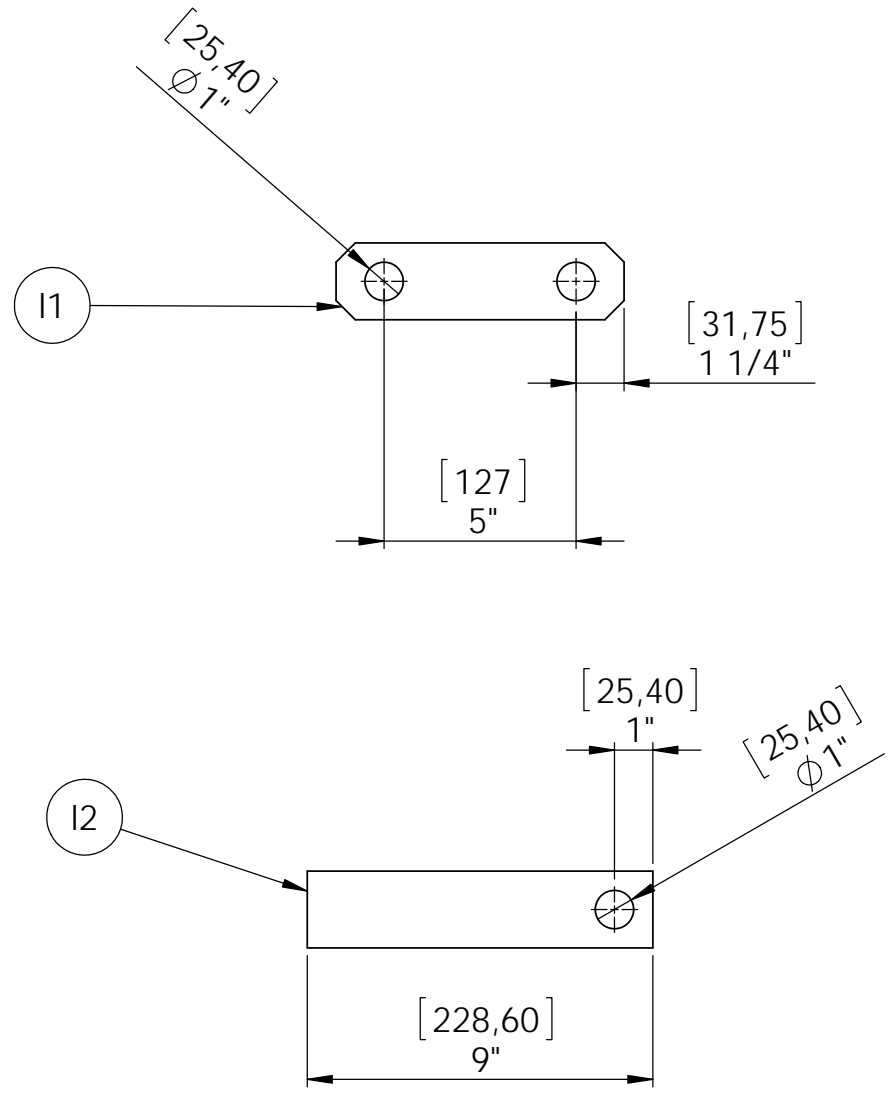
N°	Désignation	mm	Pouces	Qté
G1	étiré rond Ø1"	55.125	55 1/8"	1
G3	Fer rond Ø3/4"	1/4"	47 1/4"	2
G2	Disque Ø11 13/16" épaisseur 1/4"	47.25		1

Date	Avril 2015		  <small>COMMISSION SCOLAIRE DE SAINT-HYACINTHE</small>		
Version	3.4				
Outil	Vibroplanche	Pièce	H-Bras de déflecteur	Qté	4



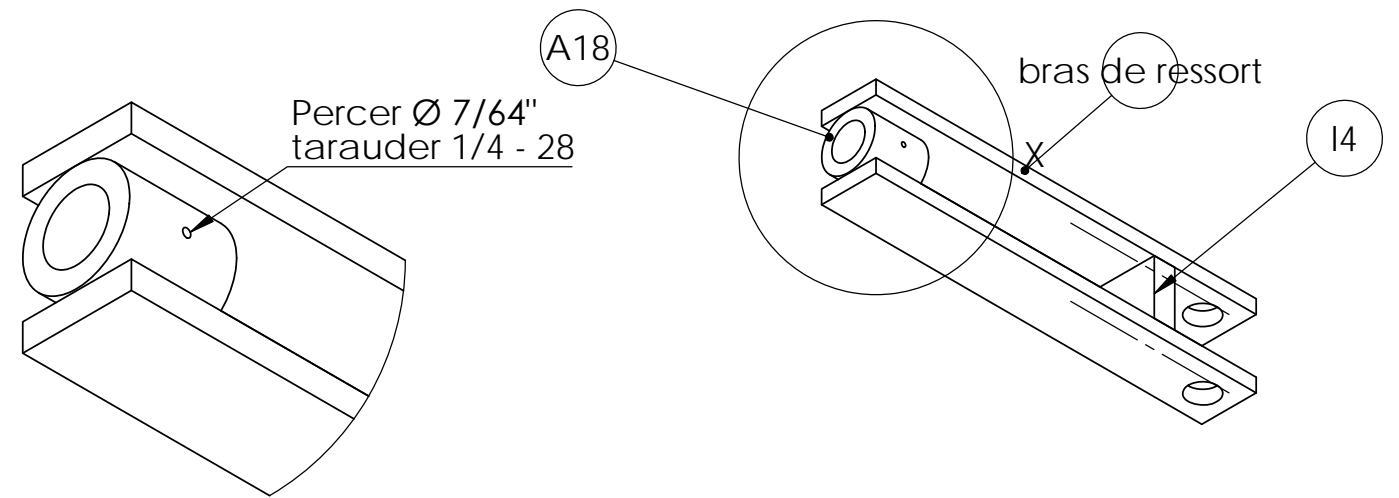
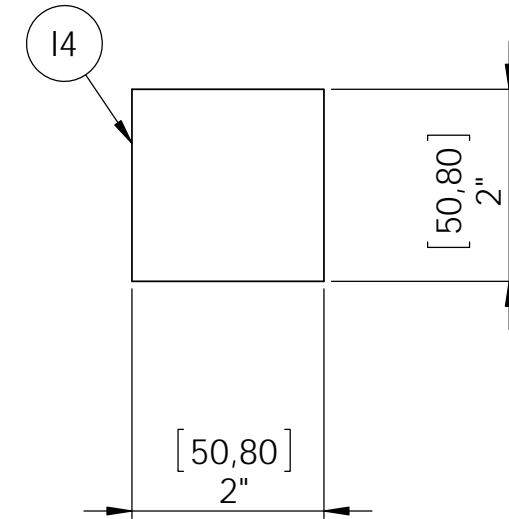
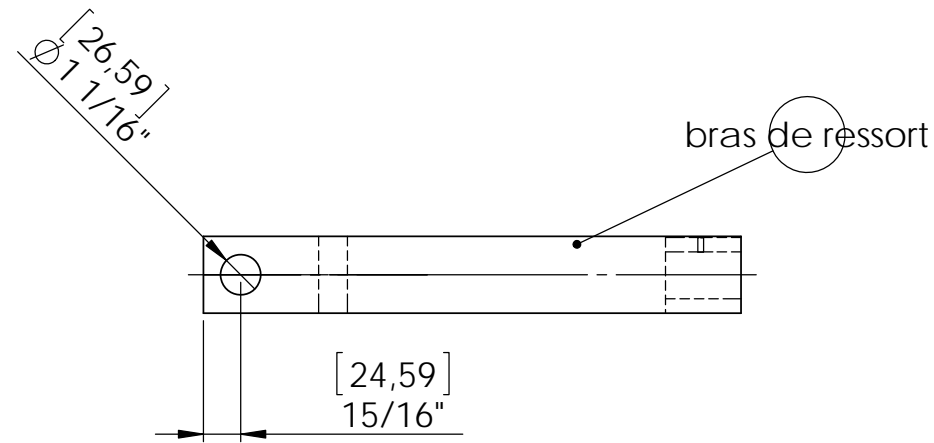
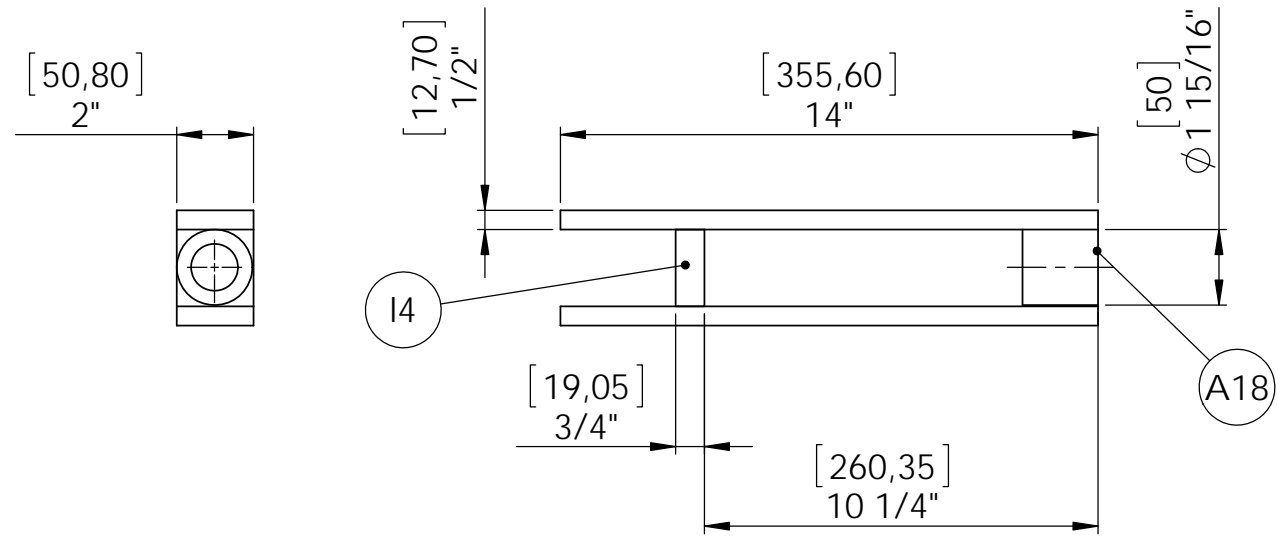
N°	Profil	mm	inch	Qté
H1	plat 2" x 5/8"	320	13.75	1
H2	tube Ø 2" - 1 1/4" x 2"	50	2	2

Date	Avril 2015		  COMMISSION SCOLAIRE DE SAINT-HYACINTHE	
Version	3.4			
Outil	Vibroplanche	Pièce	I-Releveur de rouleau	Qté 1



N°	Profil	mm	inch	Qté
I1	Plat 2 1/2" X 1"	190,5	7 1/2"	1
I2	plat 2" x 5/8"	228,6	9"	2

Outil	Vibroplanche	Pièce	I - Releveur de rouleau	Qté	1
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DÉTAIL X
ECHELLE 2 : 5

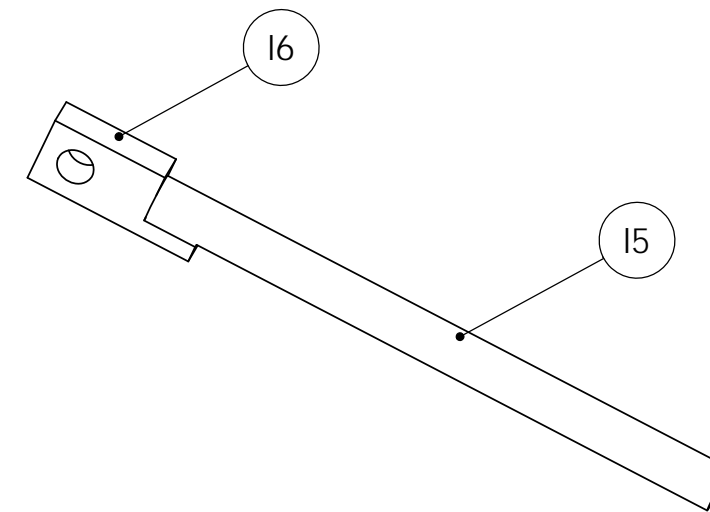
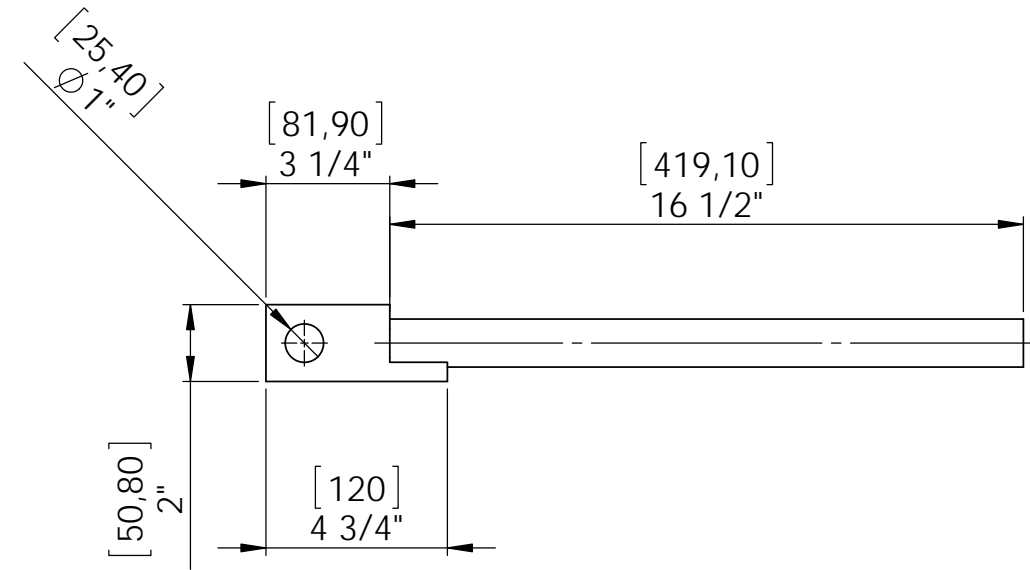
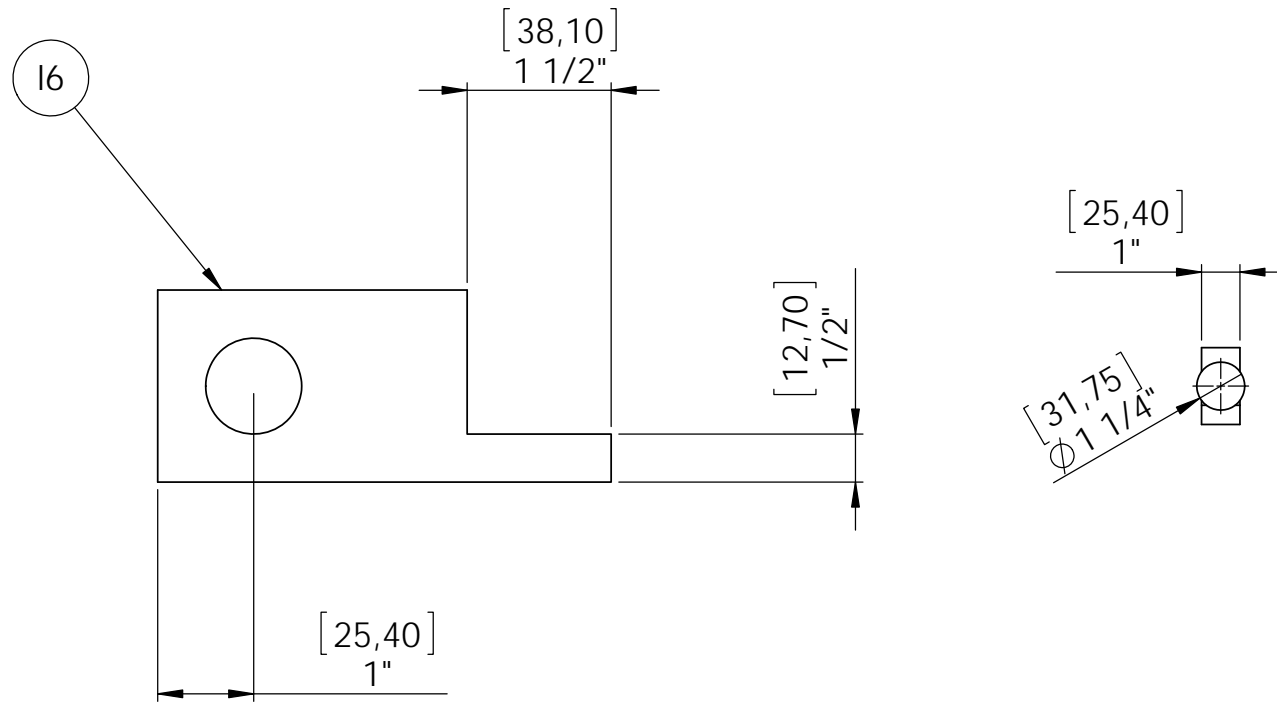
No	Profil	mm	inch	QTE
bras de ressort	Plat 2 X 1/2" X 5/8	355,6	14	2
I4	Plat 2 X 1/2" X 5/8	50,6	2	1

Date Avril 2015



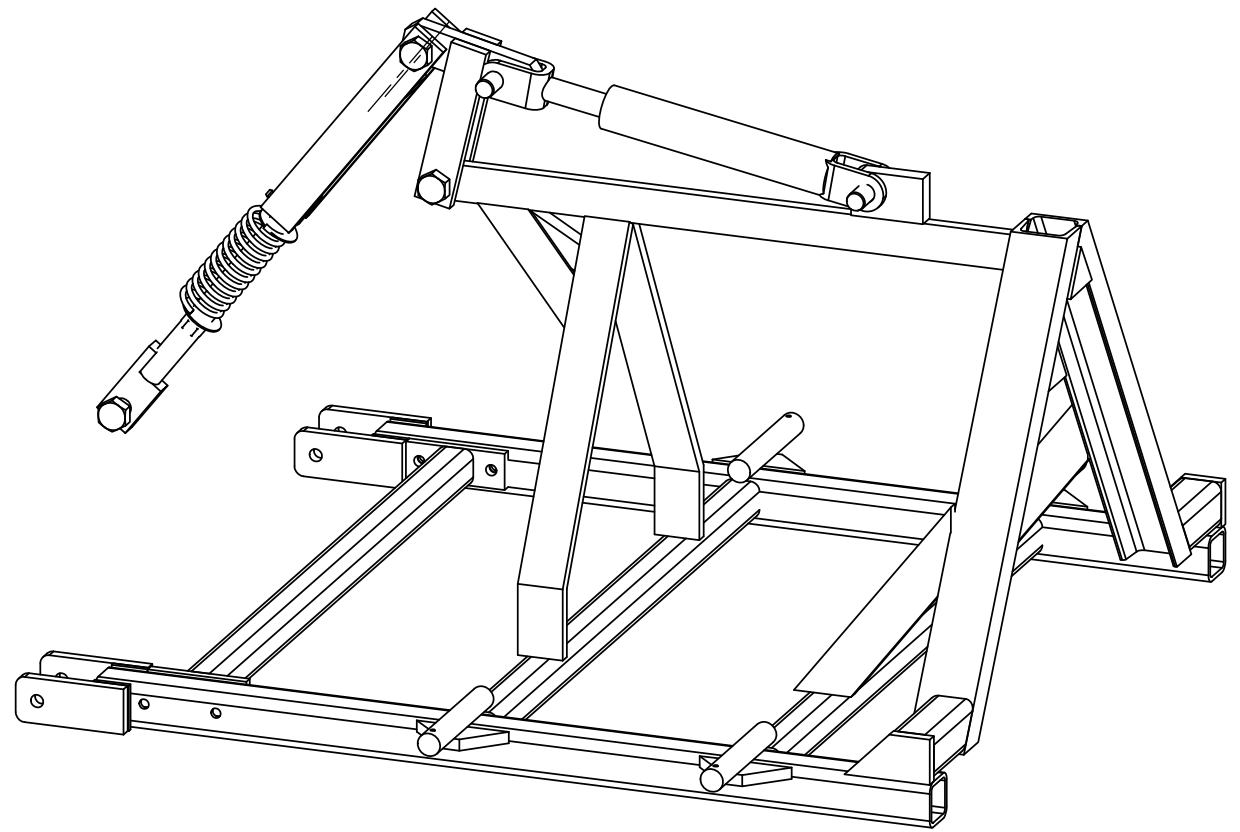
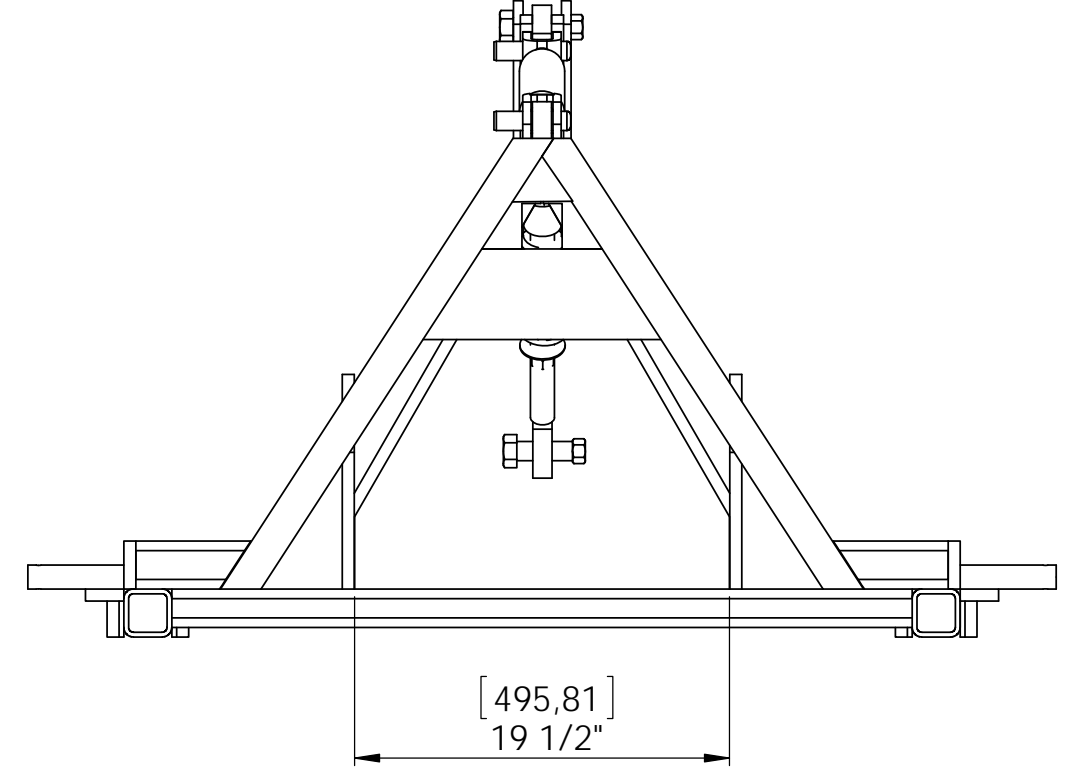
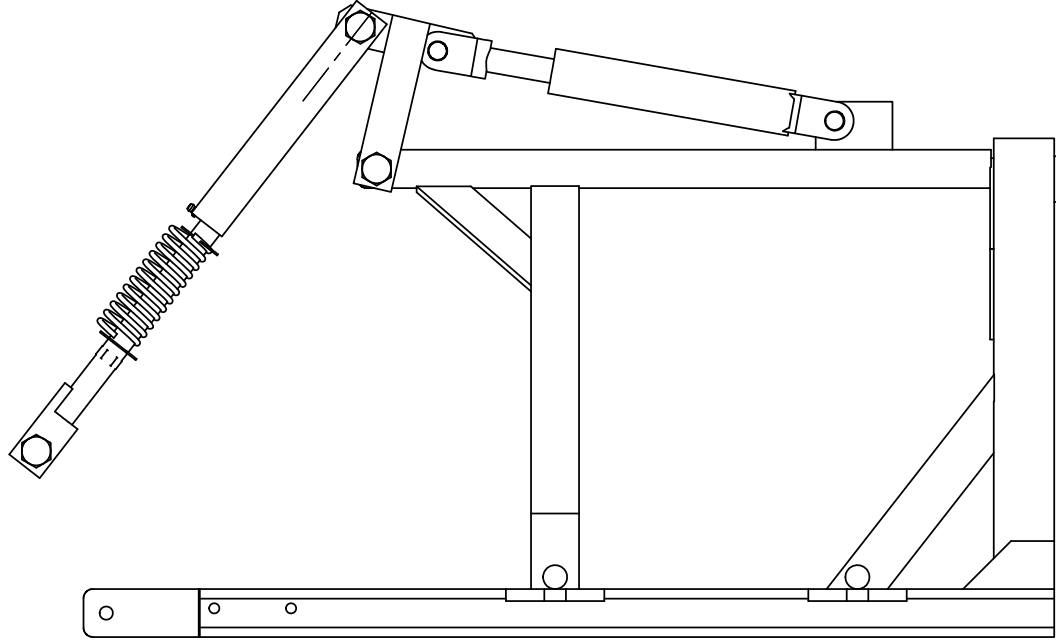
Version 3.4

Outil	Vibroplanche	Pièce	I - Releveur de rouleau	Qté	1
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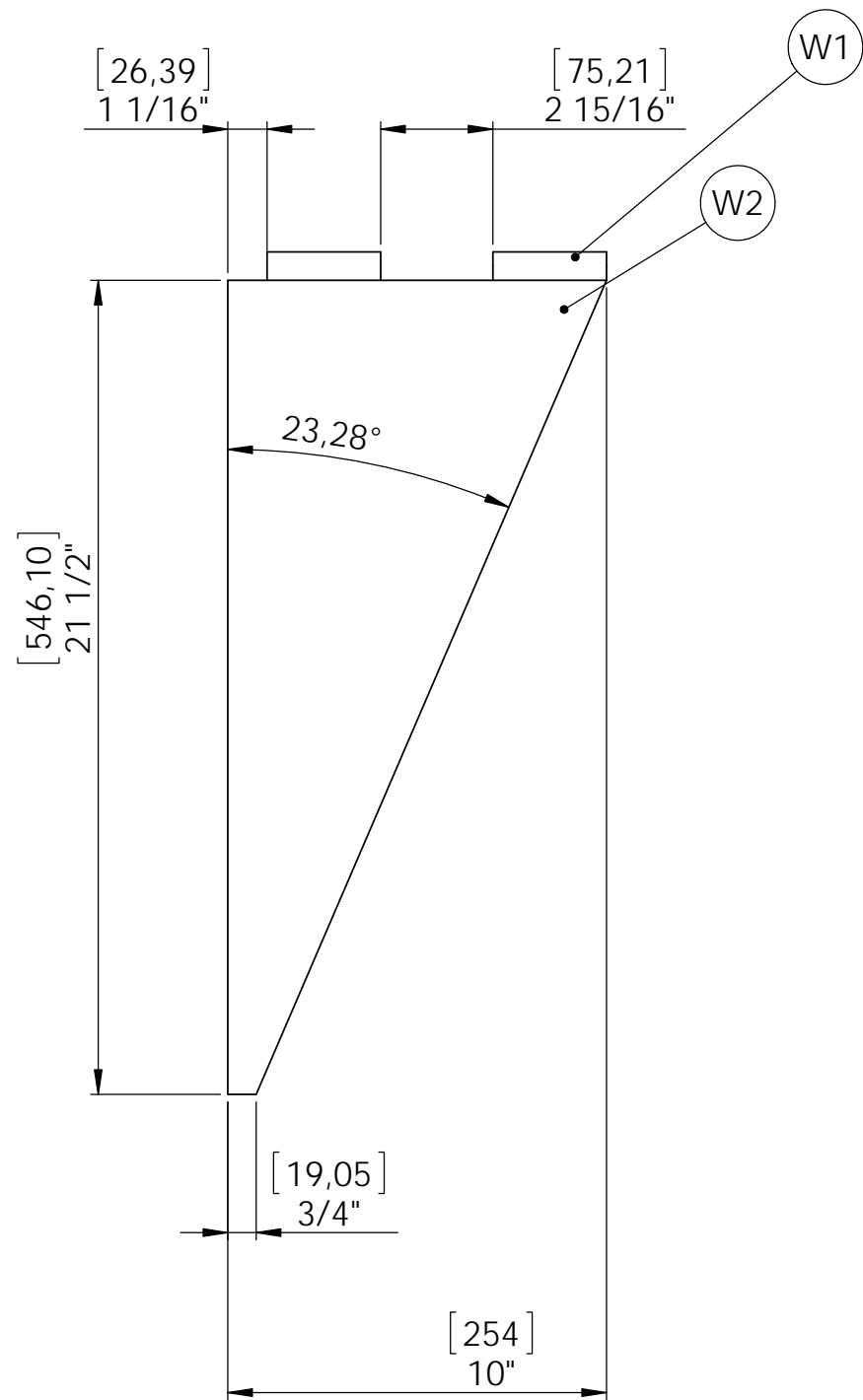
No	Profil	mm	inch	QTE
15	Tige filetée 1 1/4"-	419,10	16 1/2"	1
16	Fer plat 2" X 1"	120	4 3/4"	1

Date	Avril 2015				
Version	3.4				
Outil	Vibroplanche	Pièce	Position du triangle	Qté	1

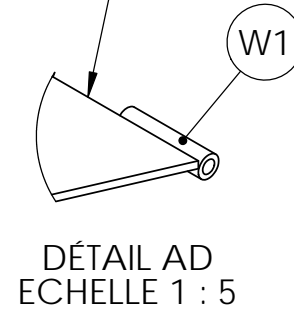
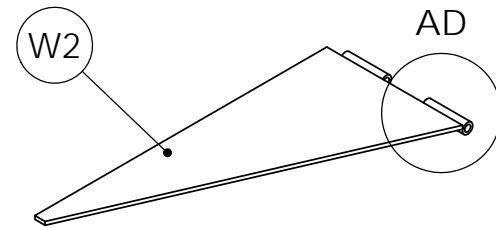


Outil	Vibroplanche	Pièce	W - Vollet	Qté	2
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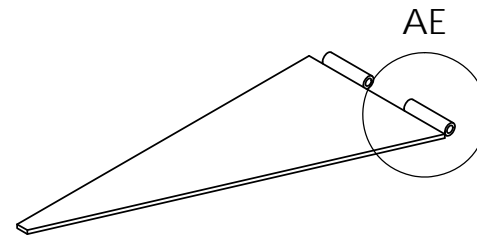
Attention,
il y a une version gauche et une version droite du vollet



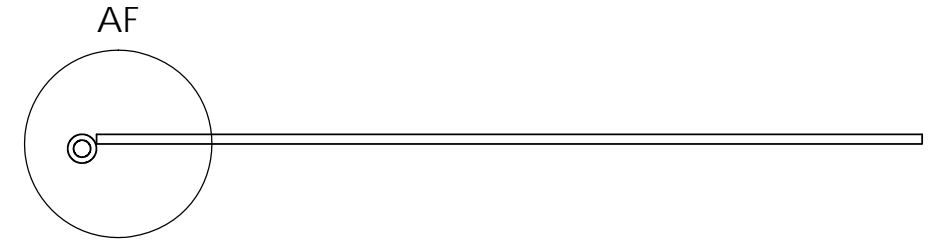
Position des bouchings, volet gauche.



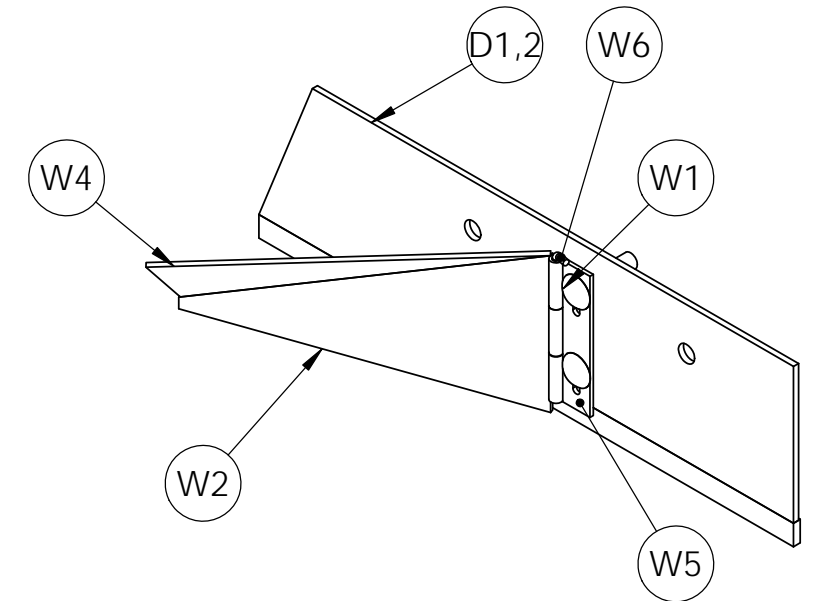
Position des bouchings, volet droit.



DÉTAIL AE ECHELLE 1 : 5



DÉTAIL AF ECHELLE 2 : 5

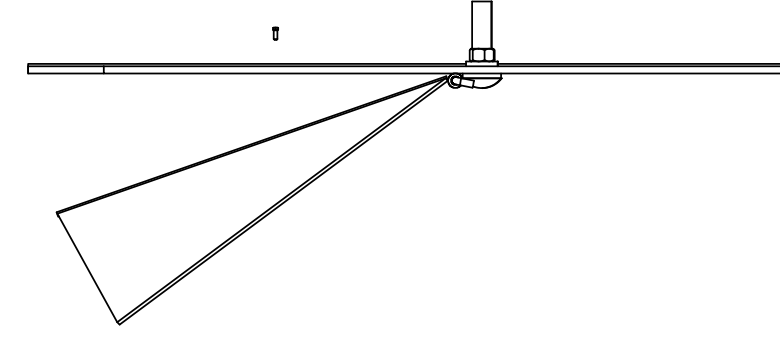
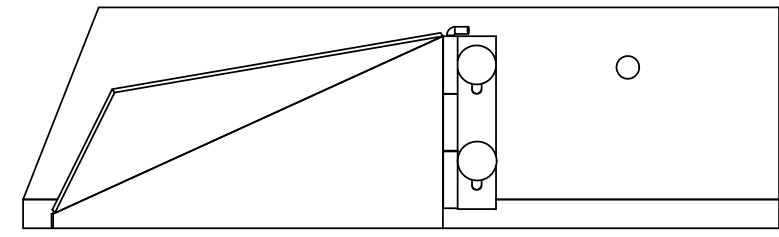
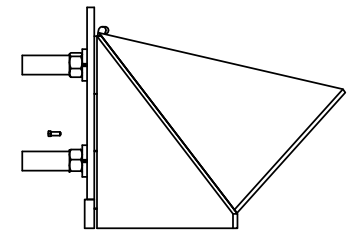


NUMERO DE PIECE	Profil	mm	Pouces	QTE
D1,2	D-Défecteur version volet			2
W1	Bague usiné			6
W2	Fer plat 10" X 1/4"	546,1	21 1/2"	2
W4	Fer plat 9" X 1/4"	546,1	21 1/2"	2
W5	Fer plat 2" X 1/4"	228,6	9"	2
W6	Tige ronde 3/8"	254	10"	2

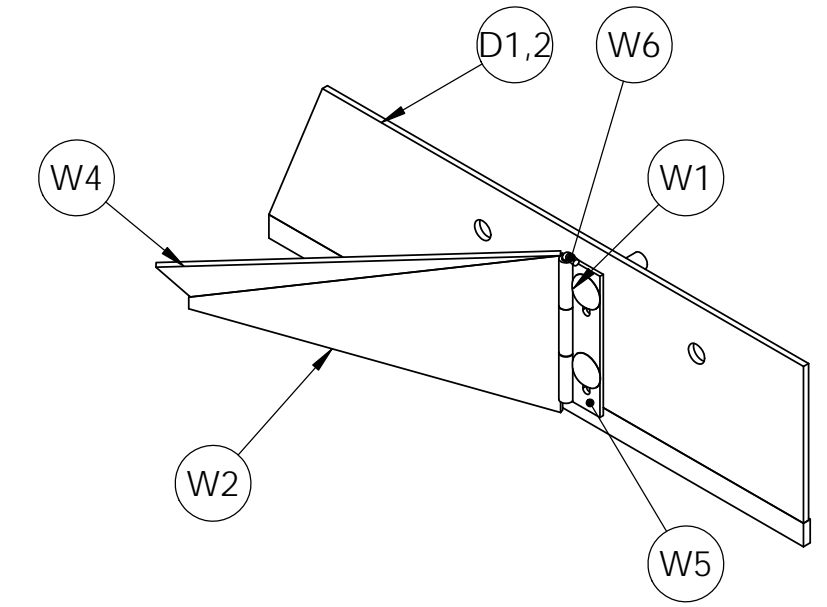
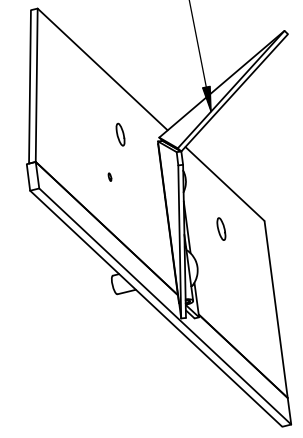
Date	Avril 2015		 		
Version	3.4				
Outil	Vibroplanche	Pièce	W - Vollet	Qté	2



Attention,
il y a une version gauche et une version droite du volet



Positionner la pièce W2 et W4 avec un angle de 150 degrés



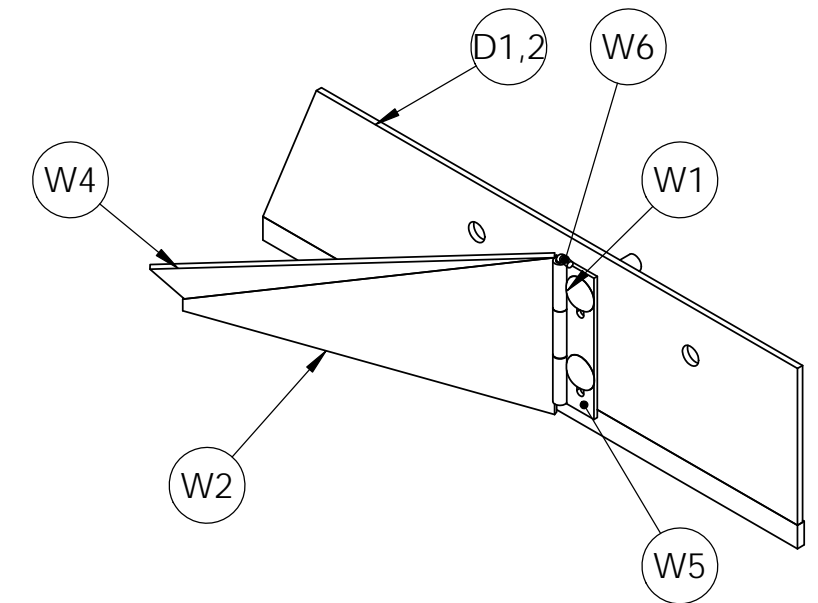
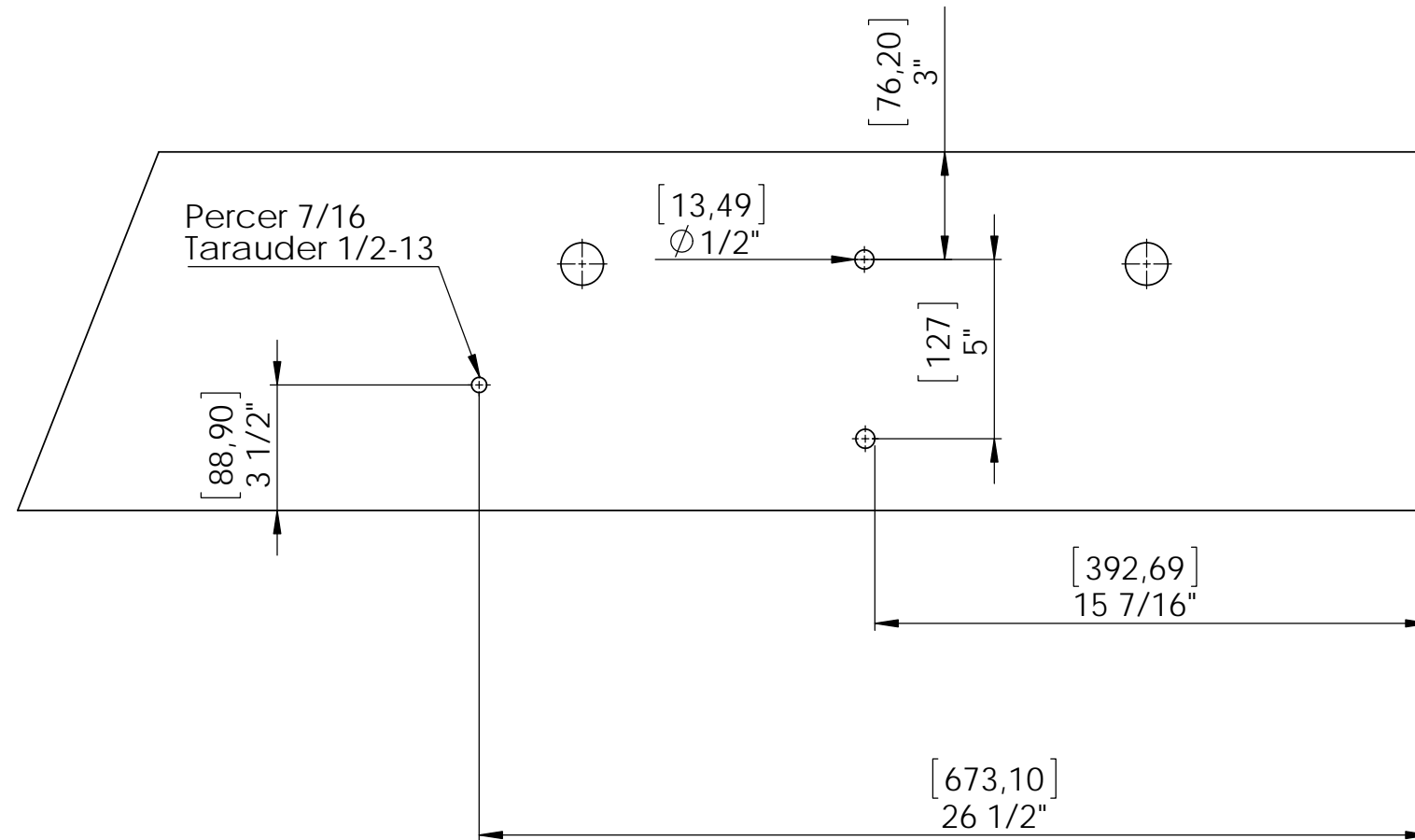
NUMERO DE PIECE	Profil	mm	Pouces	QTE
D1,2	D-Défecteur version volet			2
W1	Bague usiné			6
W2	Fer plat 10" X 1/4"	546,1	21 1/2"	2
W4	Fer plat 9" X 1/4"	546,1	21 1/2"	2
W5	Fer plat 2" X 1/4"	228,6	9"	2
W6	Tige ronde 3/8"	254	10"	2

Date	Avril 2015	 			
Version	3.4				
Outil	Vibroplanche	Pièce	W - Vollet	Qté	2



Attention,
il y a une version gauche et une version droite du volet

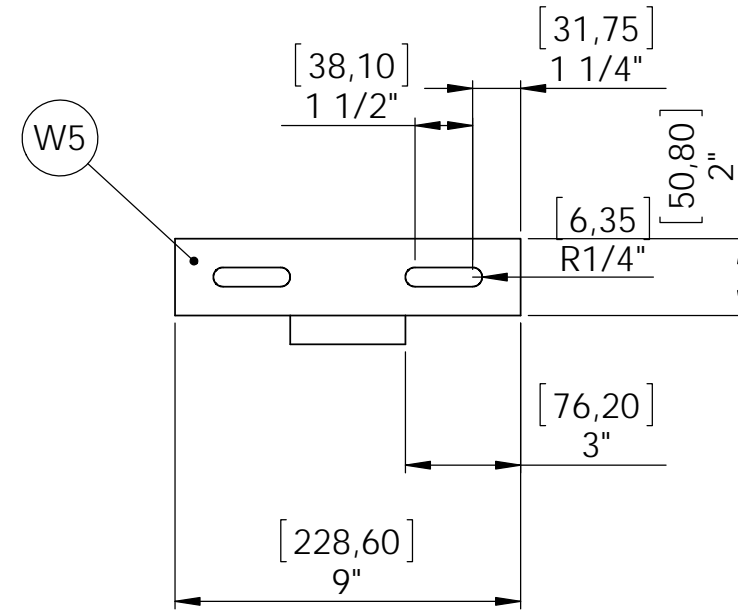
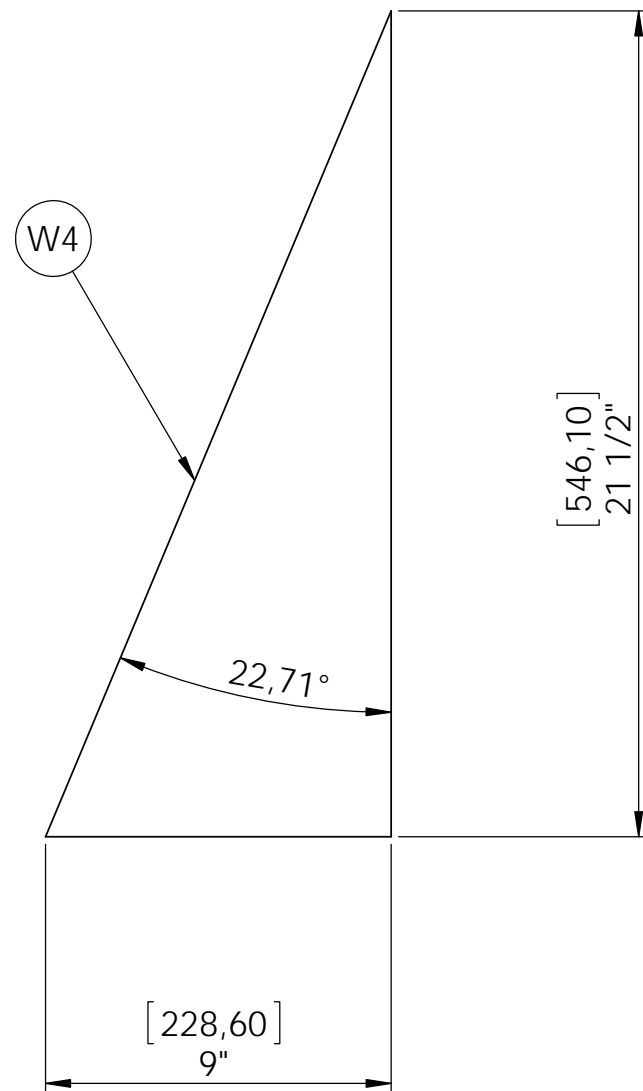
Perçage des déflecteurs pour le montage de l'option volet.



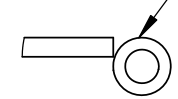
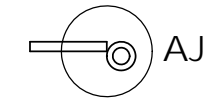
NUMERO DE PIECE	Profil	mm	Pouces	QTE
D1,2	D-Déflecteur version volet			2
W1	Bague usiné			6
W2	Fer plat 10" X 1/4"	546,1	21 1/2"	2
W4	Fer plat 9" X 1/4"	546,1	21 1/2"	2
W5	Fer plat 2" X 1/4"	228,6	9"	2
W6	Tige ronde 3/8"	254	10"	2

Outil	Vibroplanche	Pièce	W - Vollet	Qté	2
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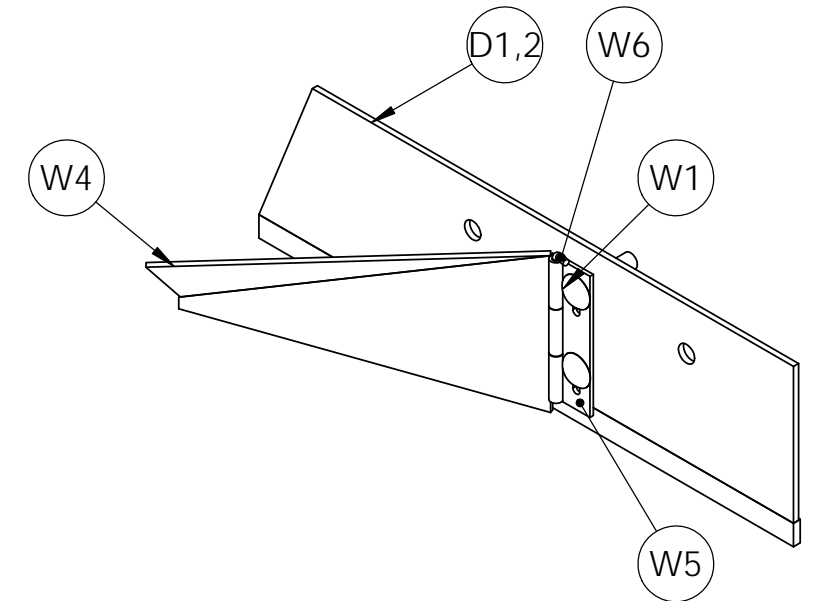
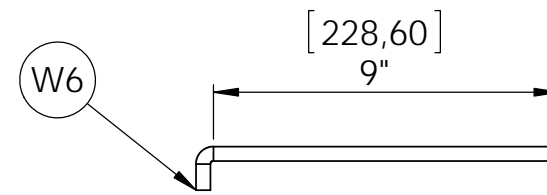
Attention,
il y a une version gauche et une version droite du volet



Position de bouching W1



DÉTAIL AJ
ECHELLE 2 : 5

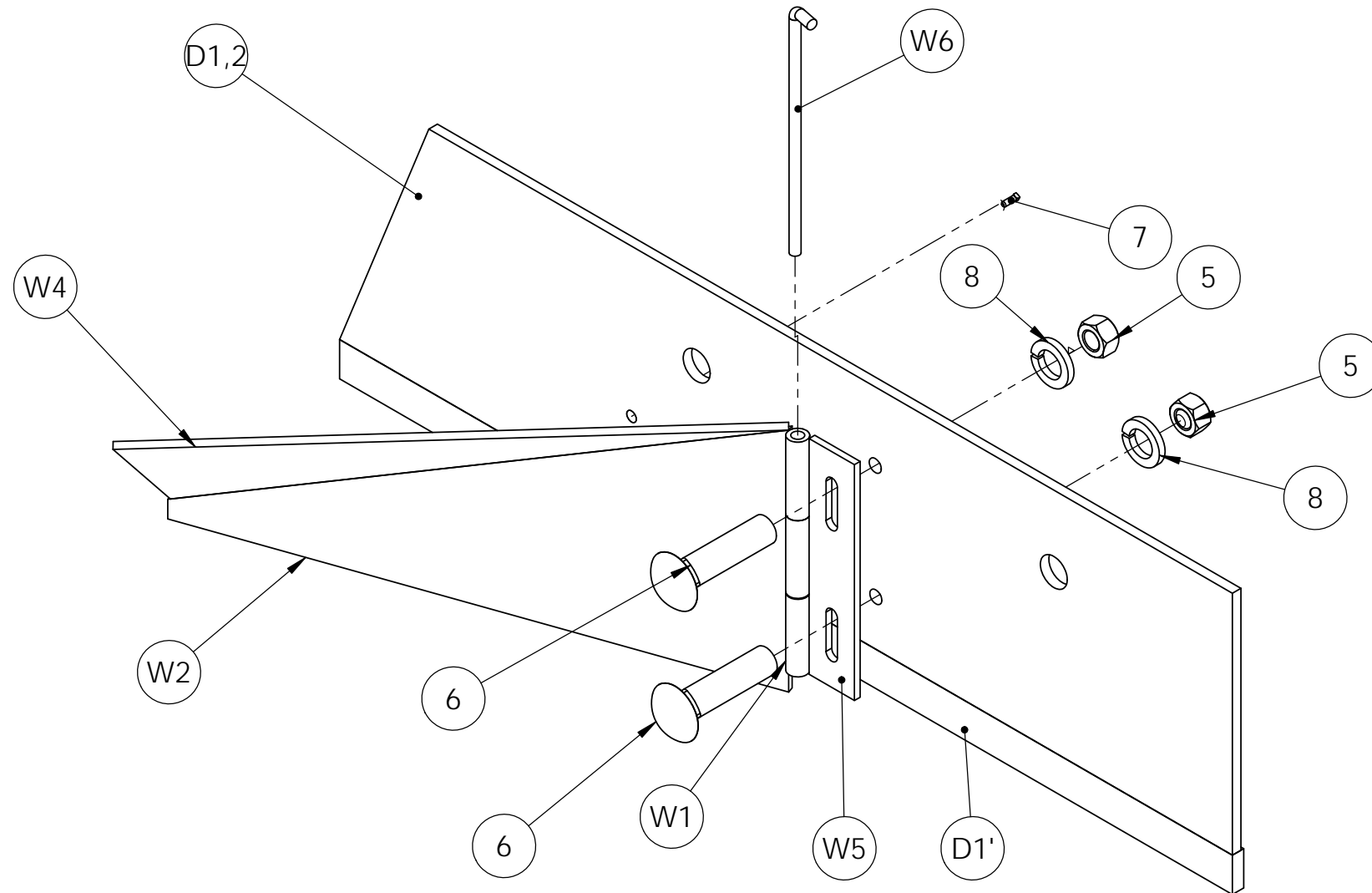


NUMERO DE PIECE	Profil	mm	Pouces	QTE
D1,2	D-Défecteur version volet			2
W1	Bague usiné			6
W2	Fer plat 10" X 1/4"	546,1	21 1/2"	2
W4	Fer plat 9" X 1/4"	546,1	21 1/2"	2
W5	Fer plat 2" X 1/4"	228,6	9"	2
W6	Tige ronde 3/8	254	10"	2

Date
Avril 2015Version
3.4

Outil	Vibroplanche	Pièce	W - Vollet	Qté	2
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Attention,
il y a une version gauche et une version droite du volet

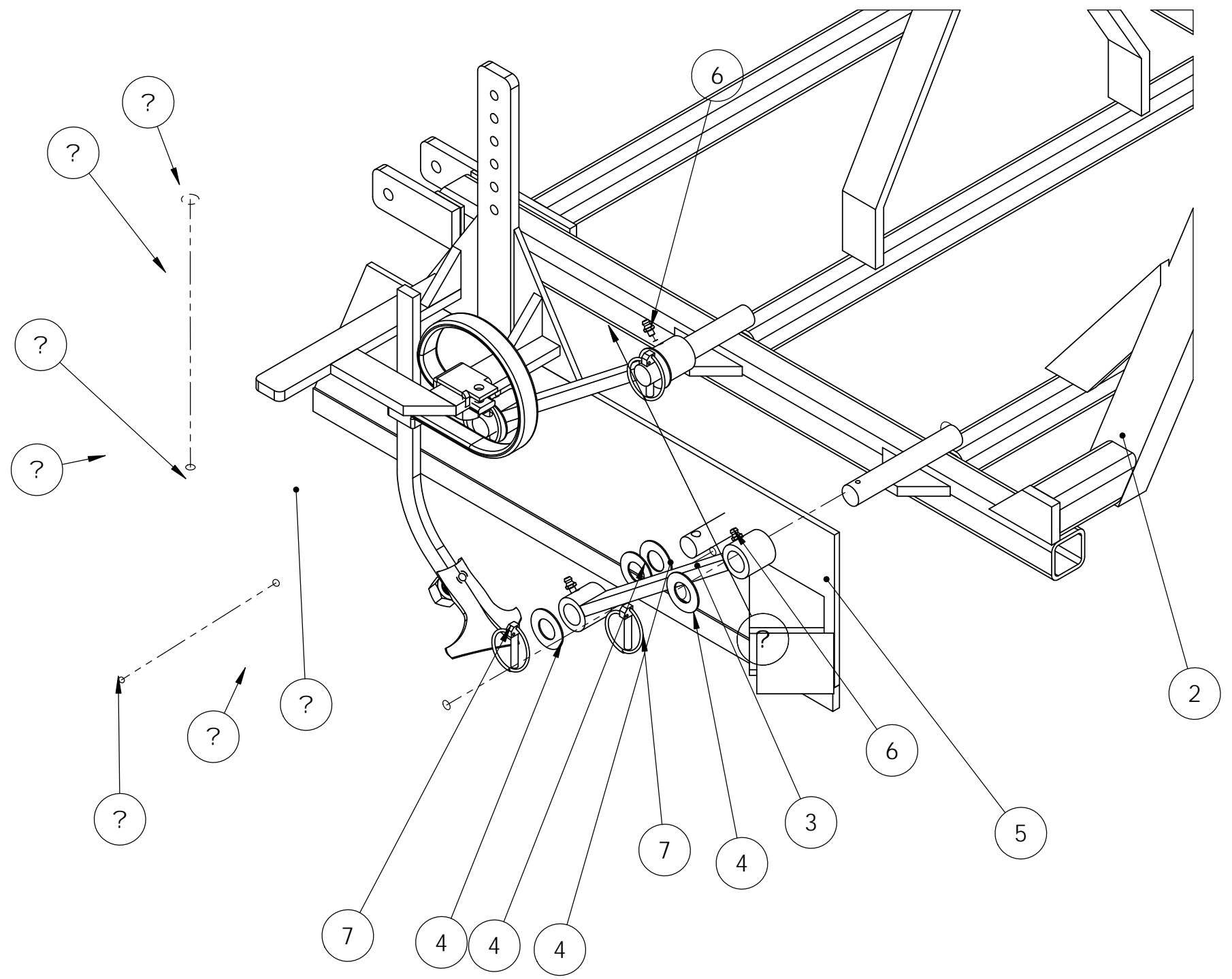


No. ARTICLE	NUMERO DE PIECE	Quantité
5	écrou 1/2" - 13	2
6	boulon de carrosserie 1/2" - 13 X 1 1/2"	2
7	Boulon de compression 1/2"- 13 X 2"	1
8	Rondelle fendue 1/2"	2

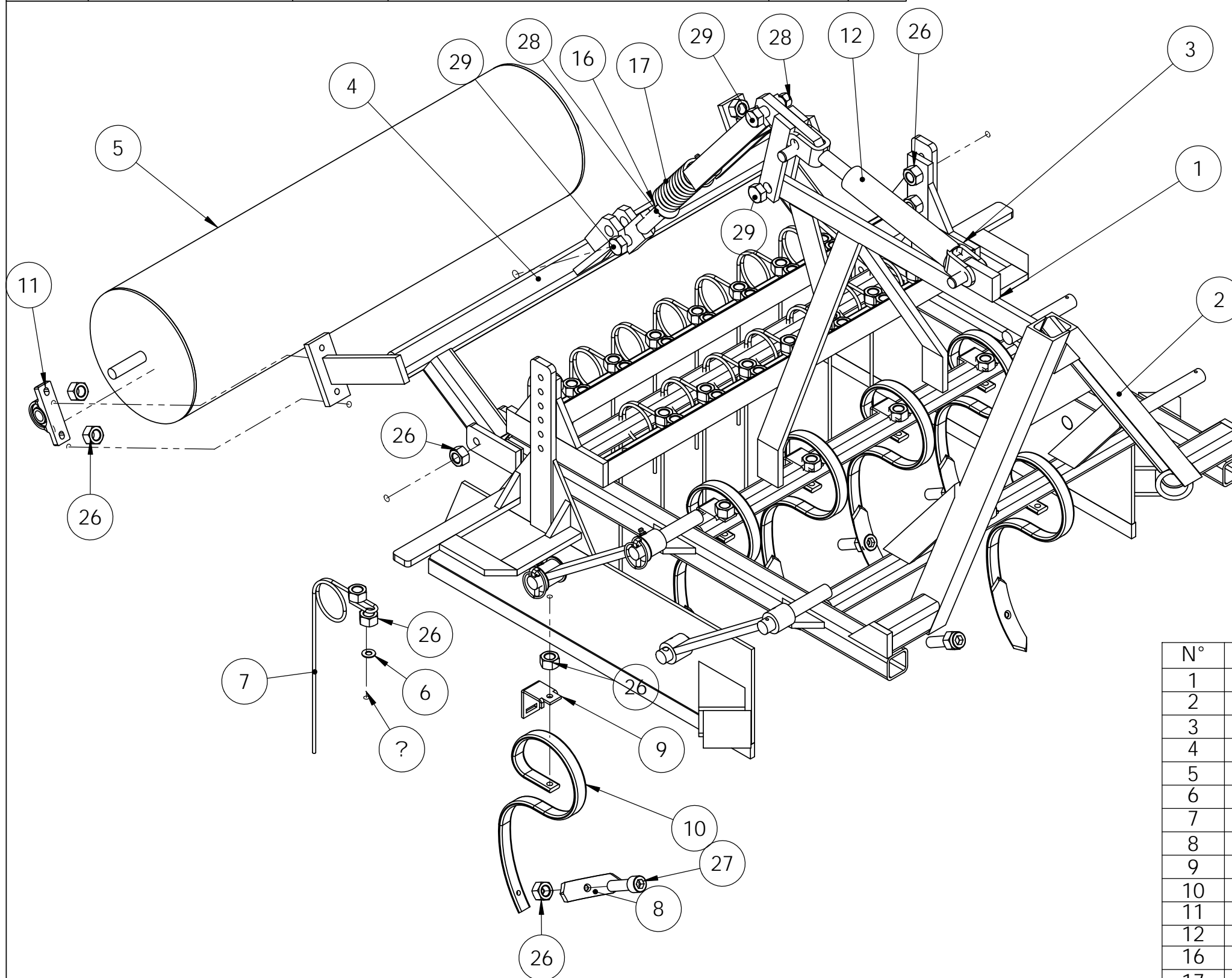
NUMERO DE PIECE	Profil	mm	Pouces	QTE
D1,2	D-Défecteur version volet			2
W1	Bague usiné			6
W2	Fer plat 10" X 1/4"	546,1	21 1/2"	2
W4	Fer plat 9" X 1/4"	546,1	21 1/2"	2
W5	Fer plat 2" X 1/4"	228,6	9"	2
W6	Tige ronde 3/8	254	10"	2

Outil	Vibroplanche	Pièce		Qté	2
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N°	Désignation	deflecteur et bras/Quantité
1	Châssis (A)	1
2	Triangle d'attelage (T)	1
3	Bras de déflecteur (H)	4
4	rondelle Ø int 1 1/4" / Ø ext 3" / ep 2	10
5	Deflecteur droit (D)	1
6	Graisser 1/4" - 28	8
7	goupille clips Ø10	4
8	Soc patte d'oie vibroplanche	4
9	Bride de fixation sur profil 2" x 5/8"	4
10	Dent vibroculteur réglable	4
22	Vis tête fraisée	4



Date	Avril 2015				
Version	3.4				
Outil	Vibroplanche	Pièce	Eclaté général	Qté	1



N°	Désignation	Qté
1	Châssis (A)	1
2	Triangle d'attelage (T)	1
3	Herse (E)	1
4	Support de rouleau (F)	1
5	Rouleau lisse (G)	1
6	rondelle larges pour boulon de Ø 1/2"	30
7	Dent niveleuse - dégagement sous-bâti 450	15
8	soc de vibroculteur	6
9	Bride de fixation en L 2" x 2"	6
10	Dent de vibroculteur	6
11	Palier à chapeau Øint 1"	2
12	Vérin hydraulique 1 1/4" X 8" de course	2
16	rondelle Ø int 1/ 1/4" / Ø ext 3" / ep 2	6
17	Ressort	1
18	Graisneur 1/8	4
19	Vis tête fraisée 1/2 - 13	1
20	Boulon 5/8" - 11	7
21	Boulon 1/2" - 13 - 3 1/2"	7
22	goupille clips Ø10	2
23	Deflecteur gauche (D)	1
24	Bras de déflecteur (H)	2
25	Deflecteur droit (D)	1

Date Avril 2015



Version 3.4

Outil	Vibroplanche	Pièce	position des pattes de vibro	Qté	1
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