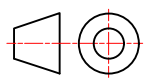


PLAN D'ENSEMBLE ET DE FABRICATION

C102-DEMI BOX

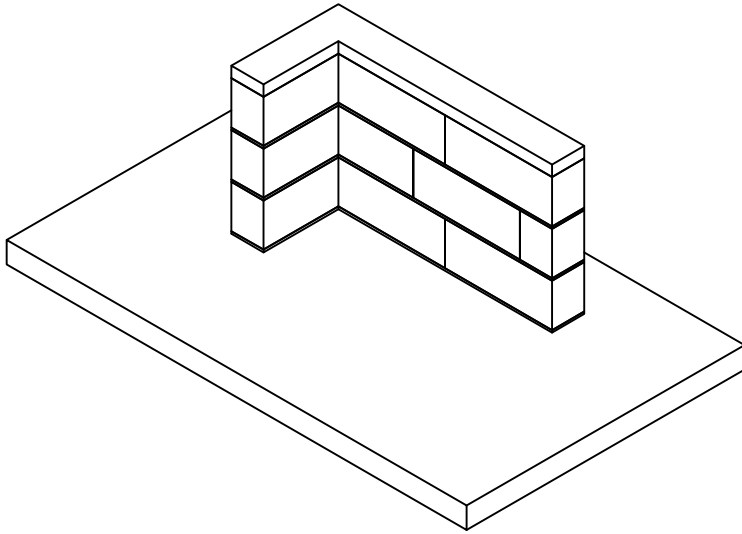
ATELIER HABITAT SEGPA



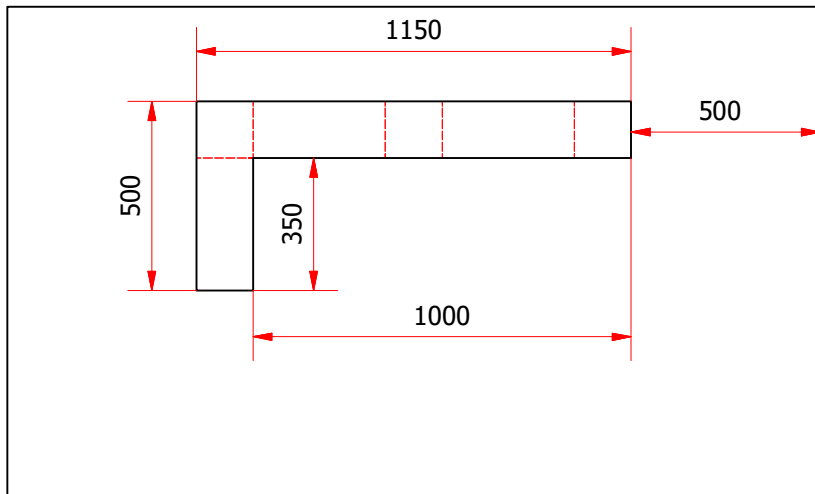
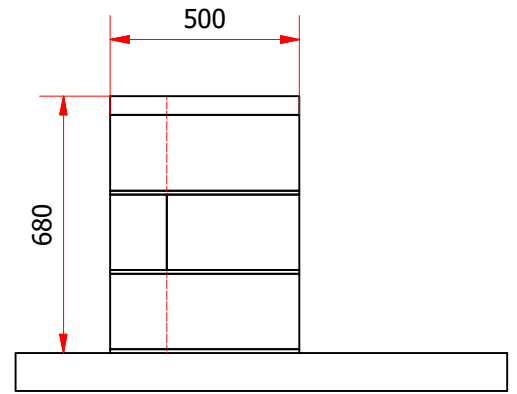
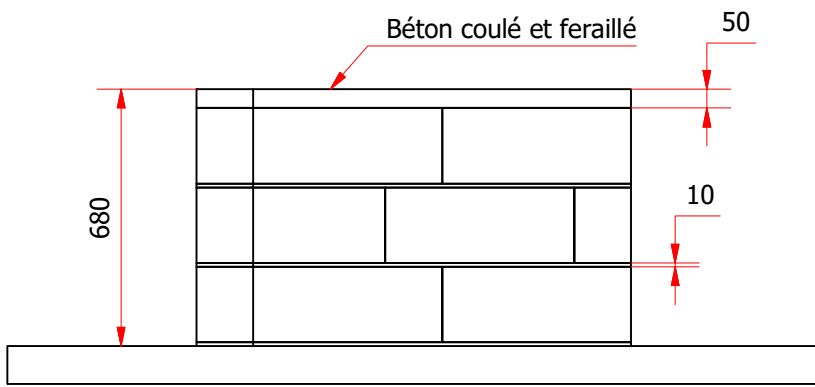
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FOLIO DT 1 / 15

LOT n°1 MACONNERIE



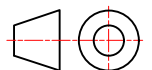
PARPAINGS 15x20x50
MORTIER COLLE : EPAISSEUR 1 cm minimum
TOLERANCE GENERALE +/- 1cm



PLAN D'ENSEMBLE ET DE FABRICATION

C102-DEMI BOX

ATELIER HABITAT SEGPA

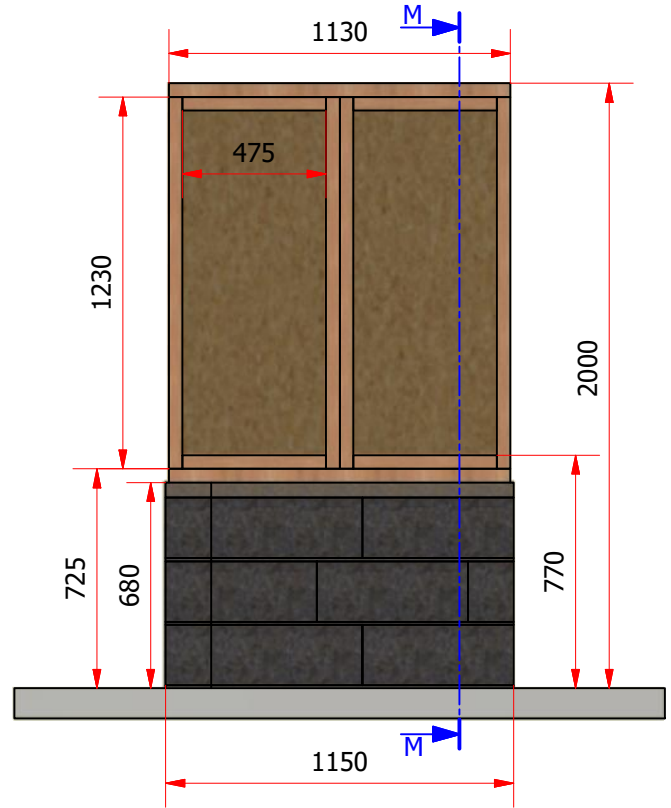
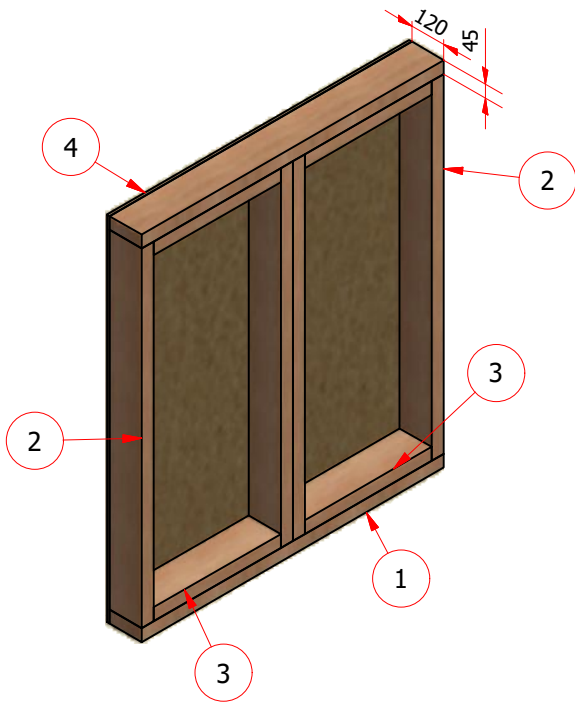


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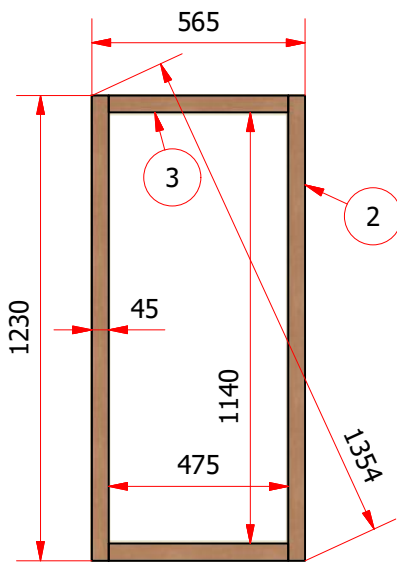
A4

FOLIO DT 2 / 15

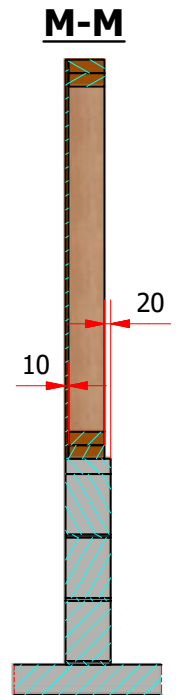
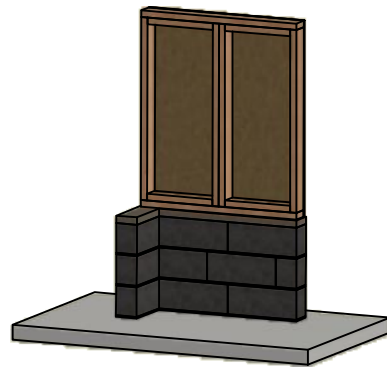
LOT n°2 STRUCTURE BOIS



CADRE (1 :20)



BOIS PIN SECTION 120 x 45
 TOLERANCES GENERALES +/-2mm
 2 cadres identiques

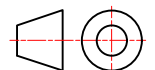


1	LISSE	2	Bois	
2	MONTANT	4	Bois	
3	TRAVERSE	4	Bois	
4	PANNEAU	1	Bois	
REP	DESIGNATION	NB	MATIERE	LONGUEUR

PLAN D'ENSEMBLE ET DE FABRICATION

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ATELIER HABITAT SEGPA



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FOLIO DT 3 / 15

4

3

2

1

H

H

G

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F

F

E

E

D

D

C

C

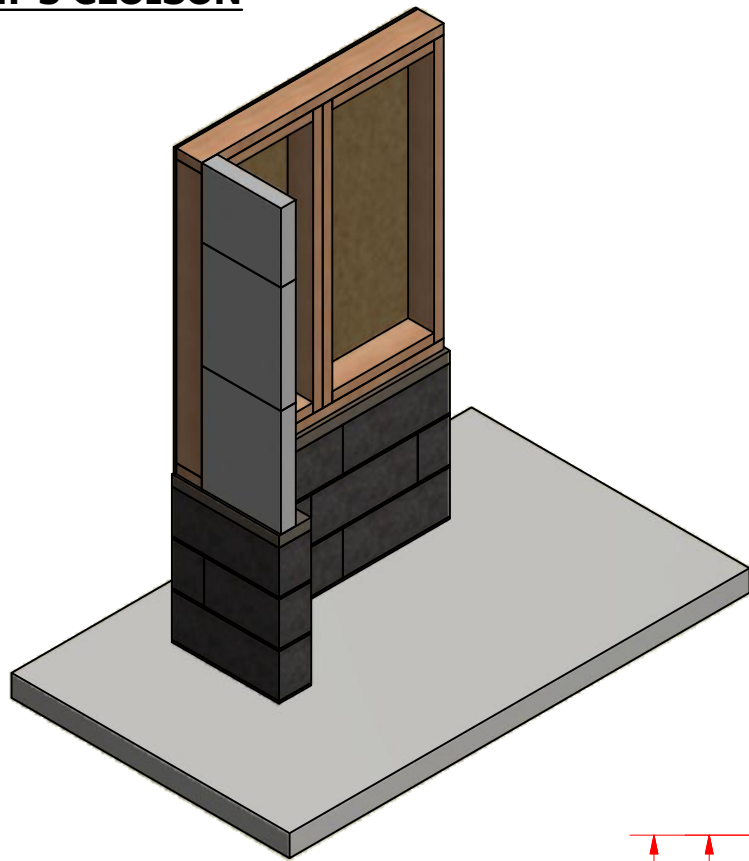
B

B

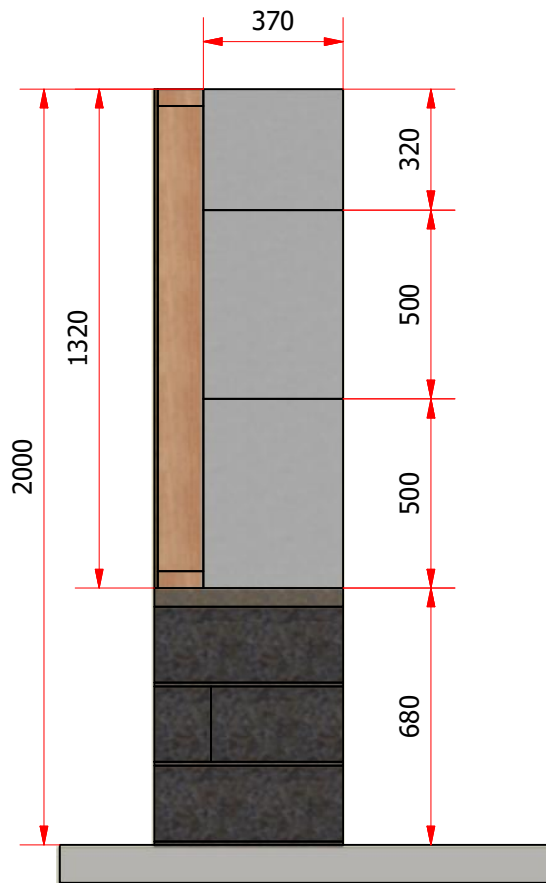
A

A

LOT n°3 CLOISON



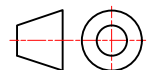
MATERIAUX :
 CARREAUX DE PLATRE
 BRIQUE
 PARPAING DE 10cm
 TOLERANCES GENERALES +/-2mm



PLAN D'ENSEMBLE ET DE FABRICATION

C102-DEMI BOX

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4

1

3

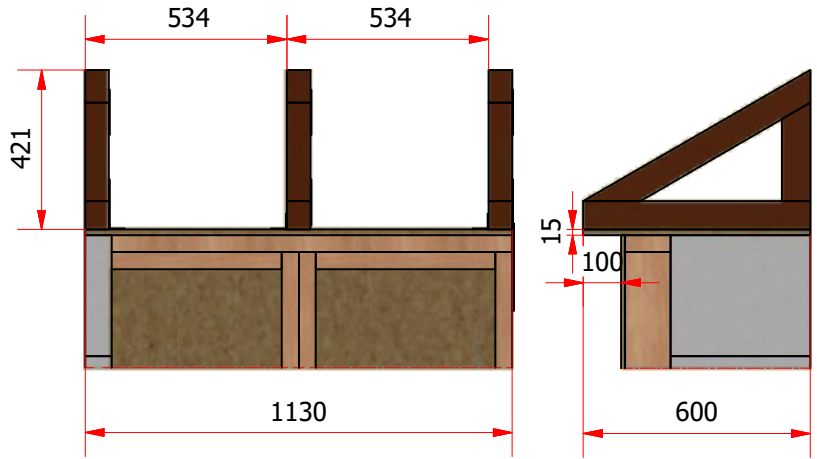
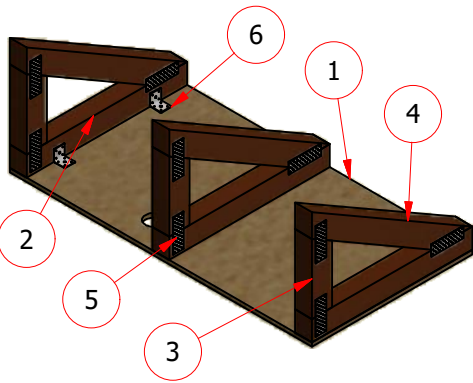
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1

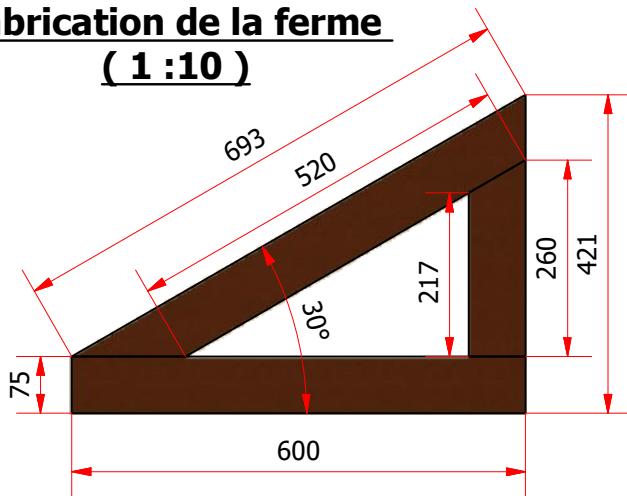
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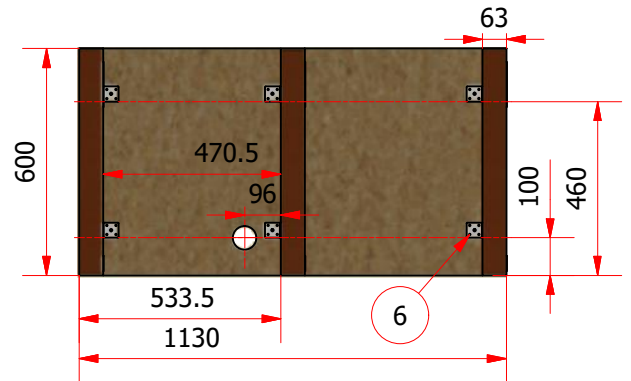
LOT n°4 CHARPENTE



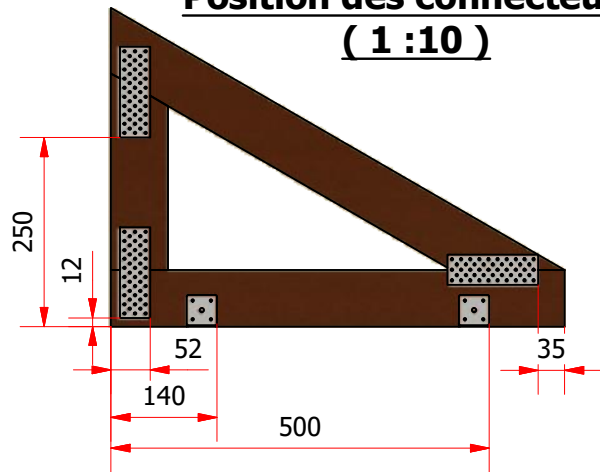
Fabrication de la ferme (1:10)



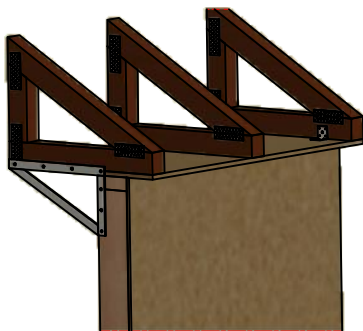
Vue de dessus (1:20)



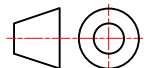
Position des connecteurs (1:10)



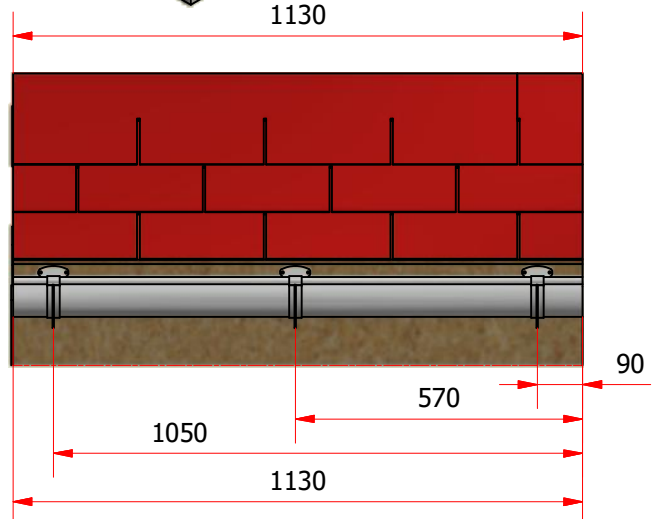
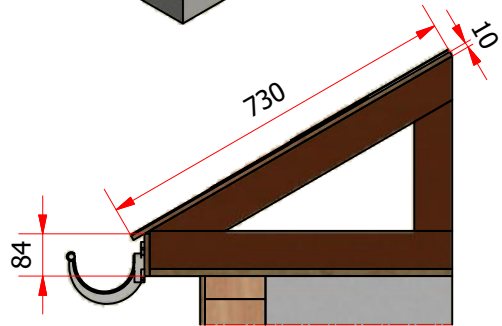
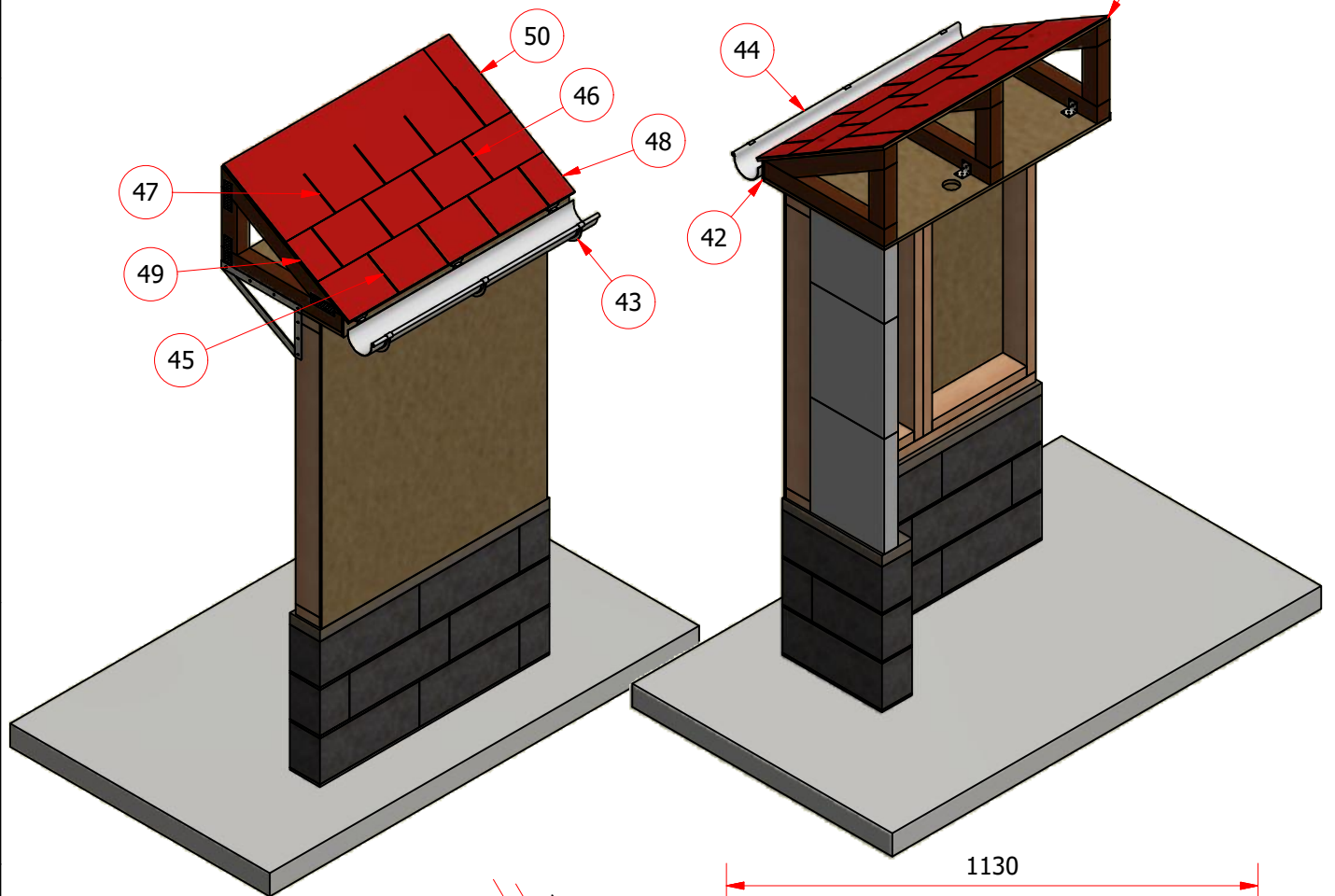
RENFORT (1:25)



1	PLANCHER OSB 15mm	1	Bois
2	ENTRAIT (Chevron 75x63)	3	Bois
3	POINCON (Chevron 75x63)	3	Bois
4	ARBALETRIER (Chevron 75x63)	3	Bois
5	PLAQUE PERFOREE 40X120	9	Acier
6	EQUERRE ASSEMBLAGE 40X40X40	6	Acier
7	GOUSSET RENFORT	1	OSB
REP	DESIGNATION	NB	MATIERE



LOT n°5 COUVERTURE (1 :25)

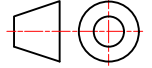


41	VOLIGE	1	OSB
42	RIVE	1	OSB
43	Crochet gouttiere	3	PVC
44	GOUTTIERE DVP25	1	PVC
45	BARDEAU 1	1	BITUME
46	BARDEAU 2	1	BITUME
47	BARDEAU 3	1	BITUME
48	BARDEAU 1 chute	1	BITUME
49	BARDEAU 2 chute	1	BITUME
50	BARDEAU 3 chute	1	BITUME
REP	DESIGNATION	NB	MATIERE

PLAN D'ENSEMBLE ET DE FABRICATION

C102-DEMI BOX

ATELIER HABITAT SEGPA

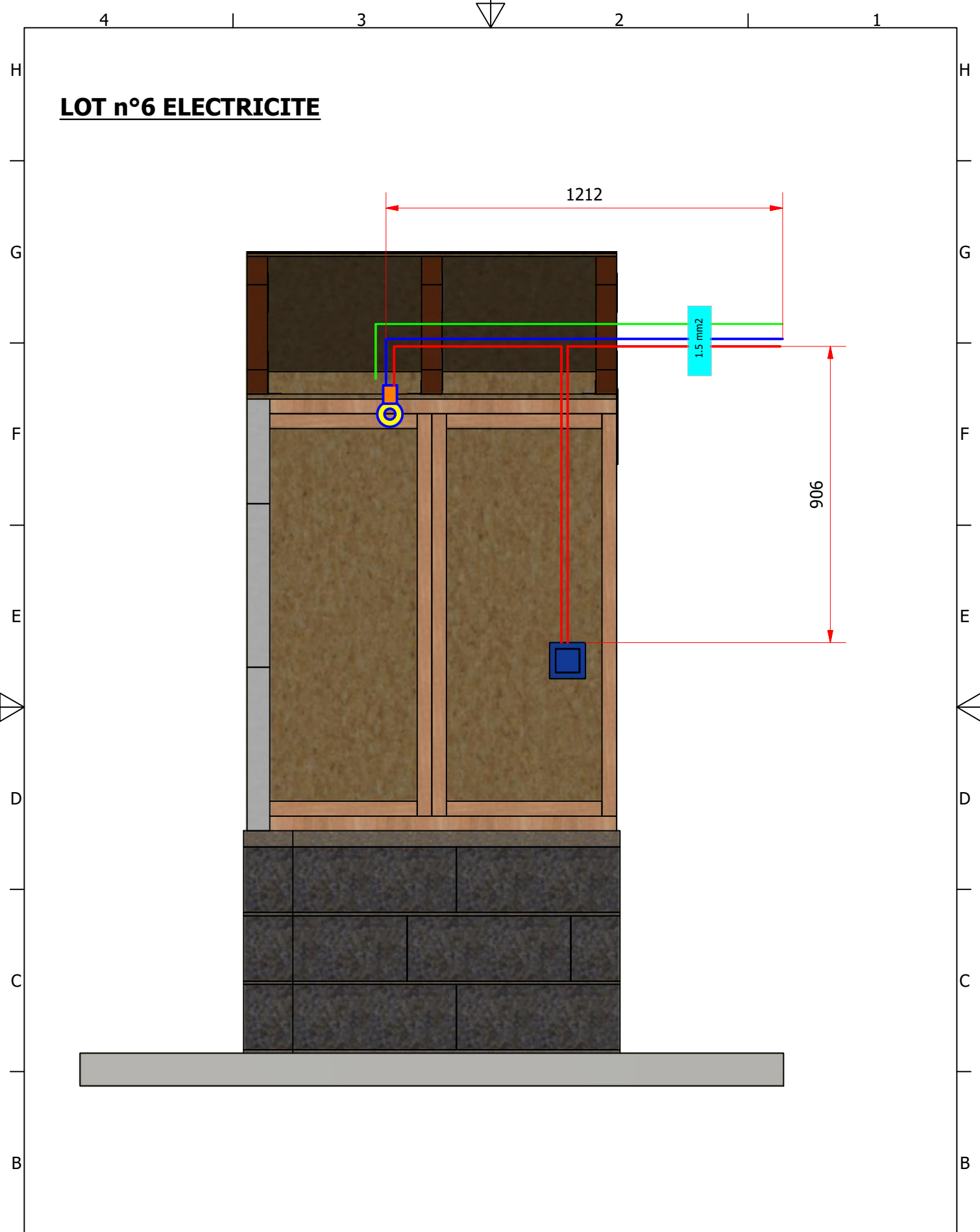


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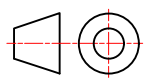
LOT n°6 ELECTRICITE



PLAN D'ENSEMBLE ET DE FABRICATION

C102-DEMI BOX

ATELIER HABITAT SEGPA

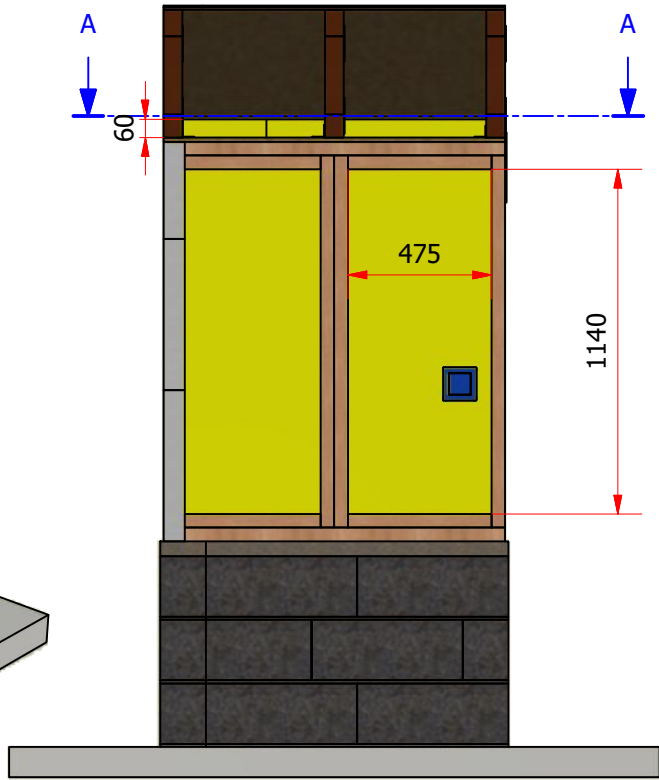
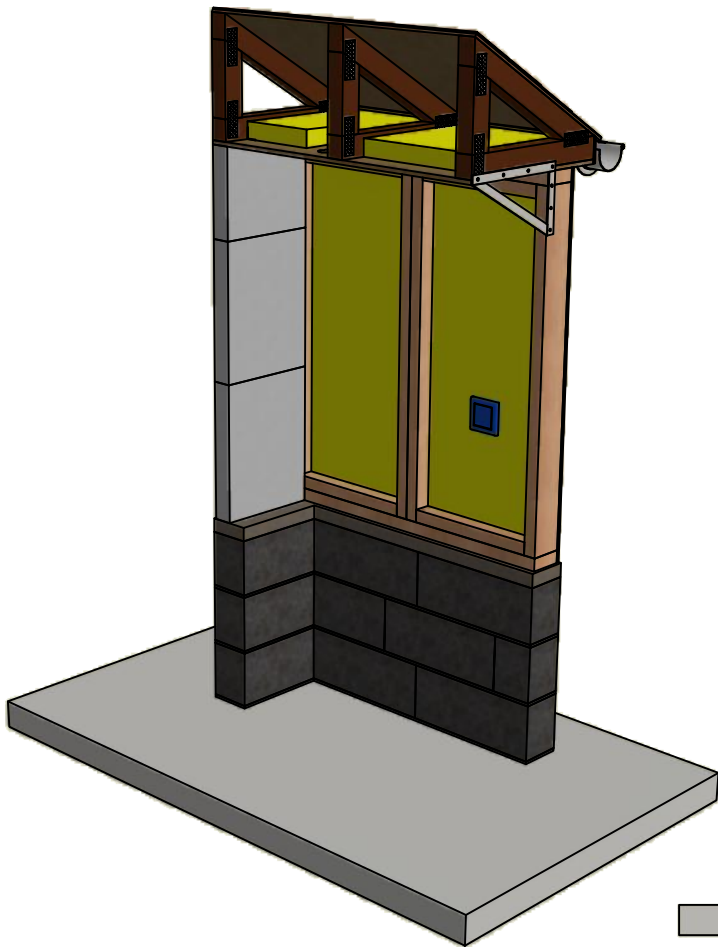


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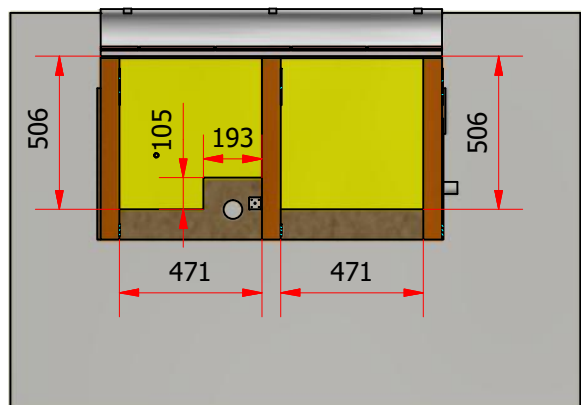
FOLIO DT 7 / 15



LOT n°7 ISOLATION



A-A

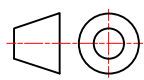


ISOLATION EPAISSEUR 75mm
TOLERANCE GENERALE +/- 1cm

PLAN D'ENSEMBLE ET DE FABRICATION

C102-DEMI BOX

ATELIER HABITAT SEGPA

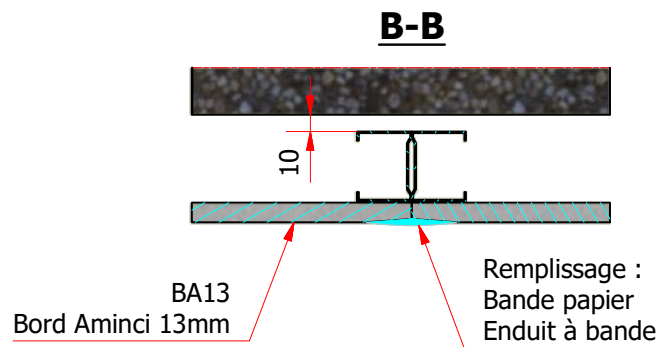
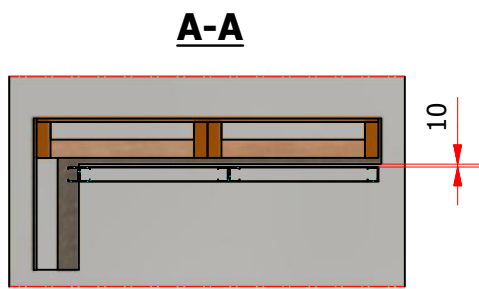
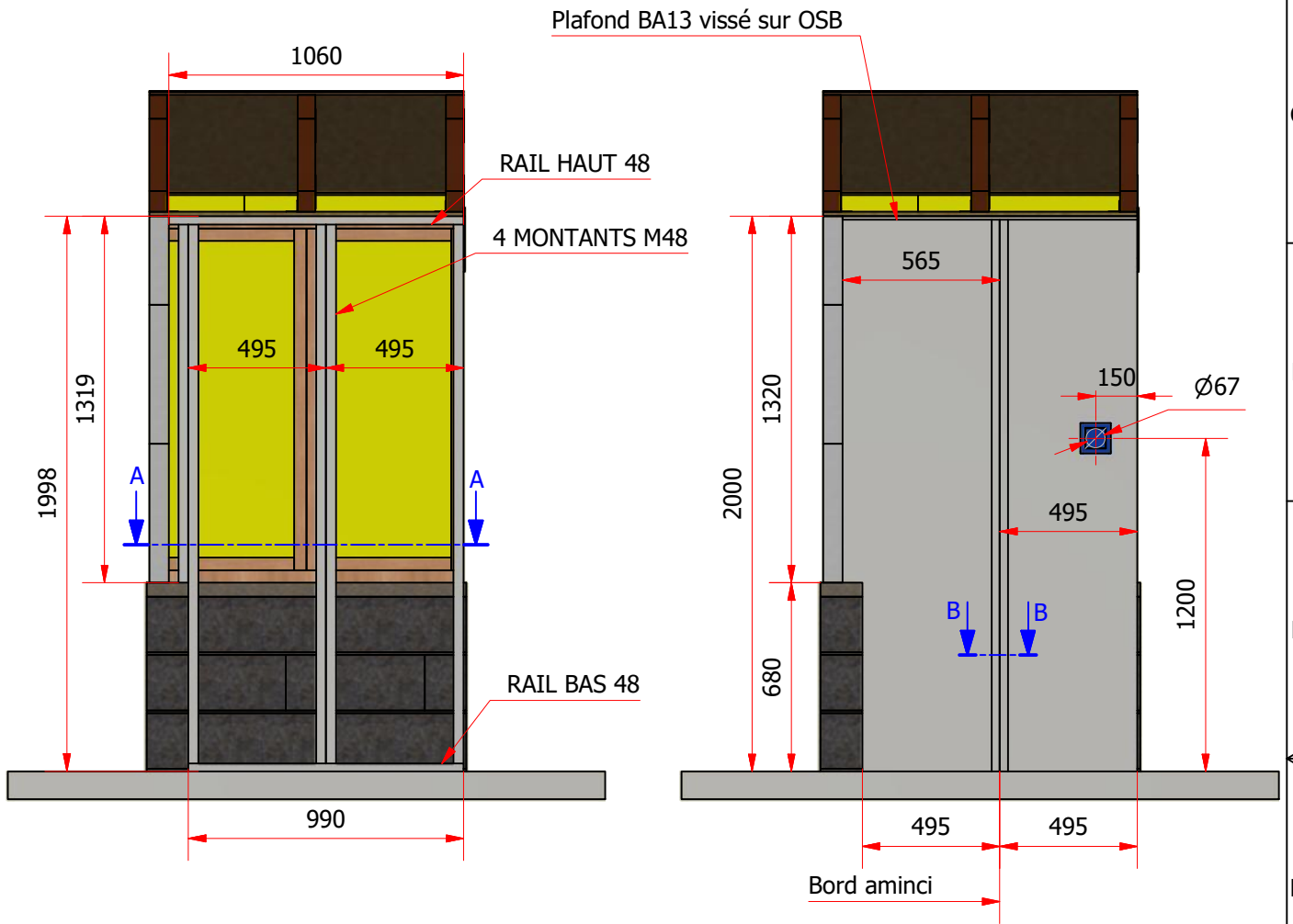


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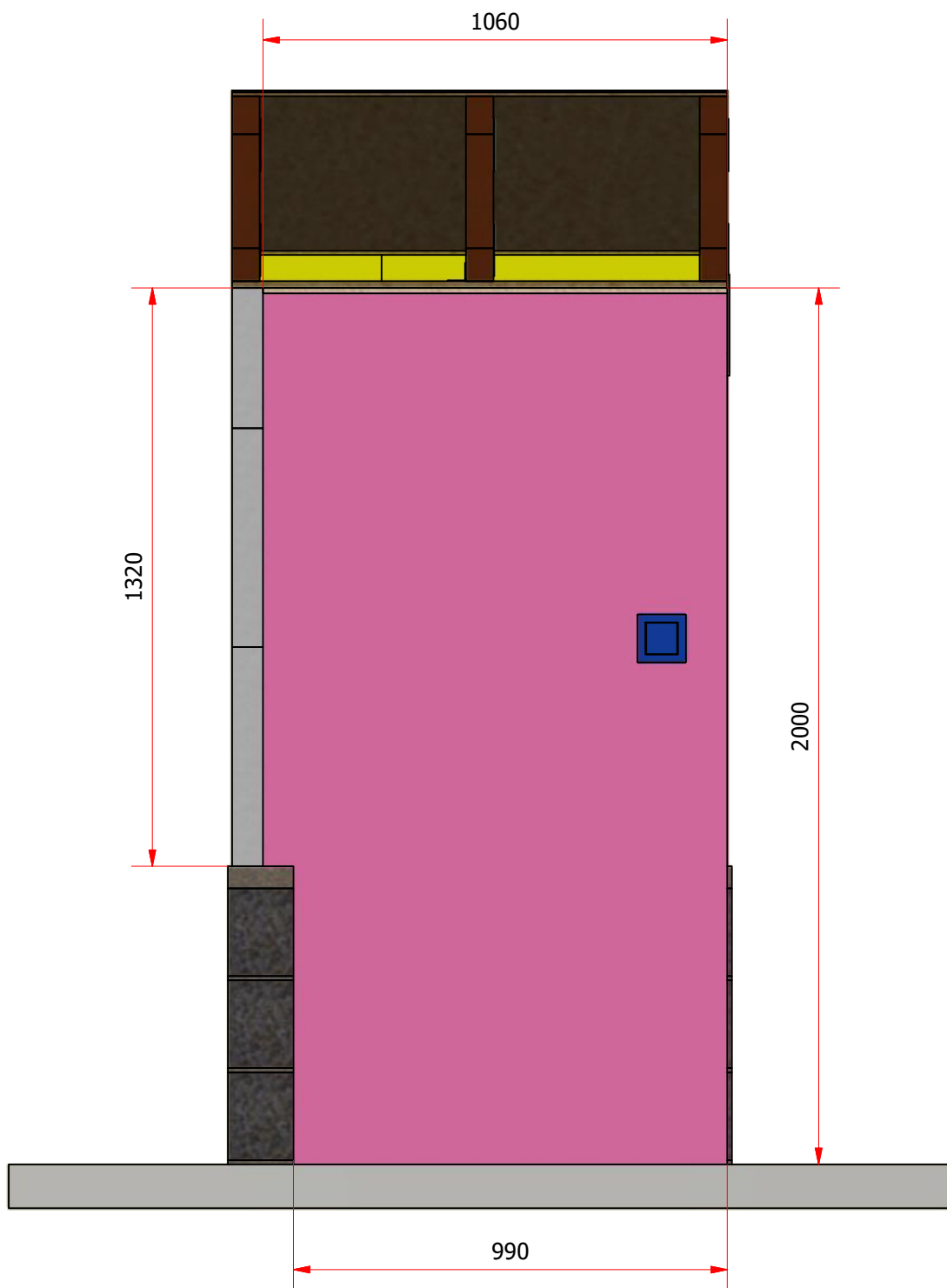
FOLIO DT 8 / 15



LOT n°8 CLOISON SECHE



LOT n°9 PEINTURE



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C102-DEMI BOX

ATELIER HABITAT SEGPA



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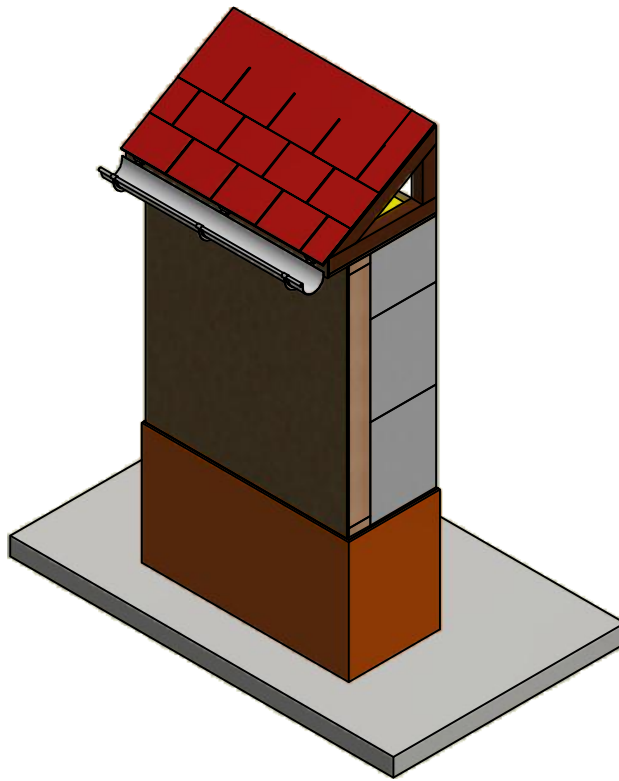
A4

FOLIO DT 10 /15

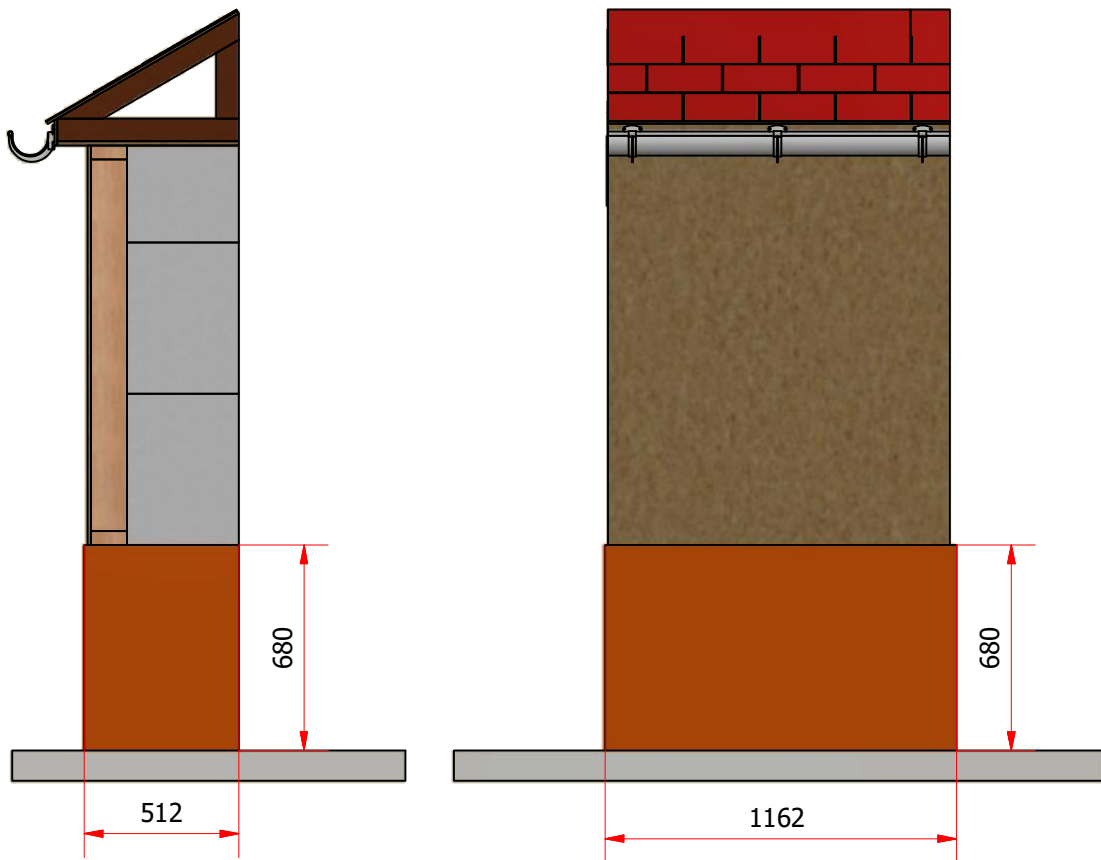


LOT n°10 ENDUIT

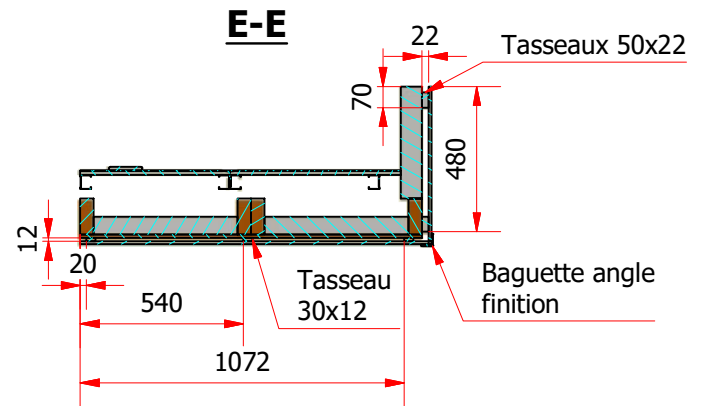
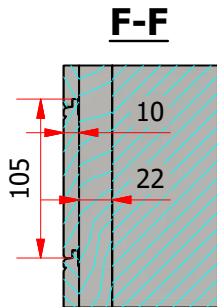
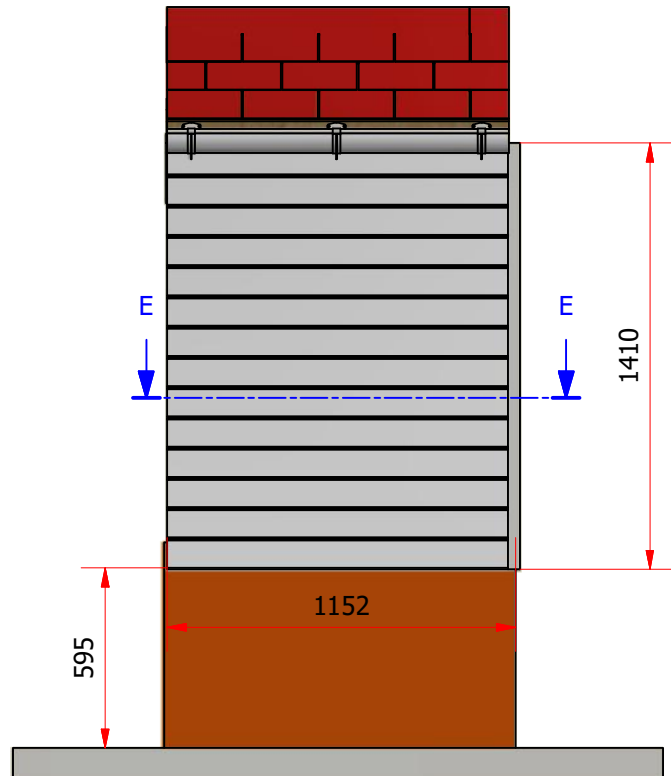
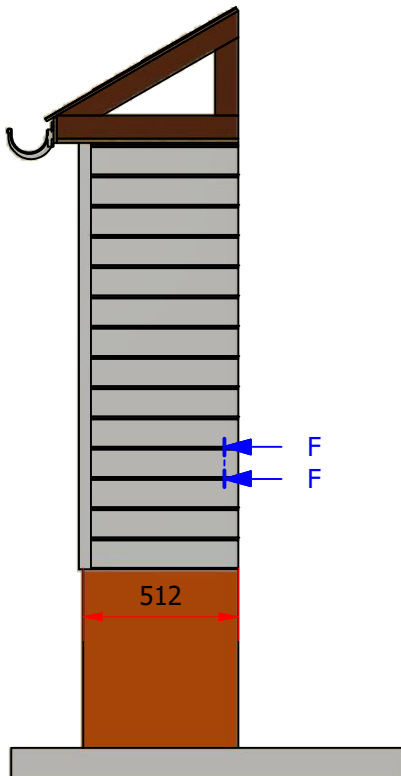
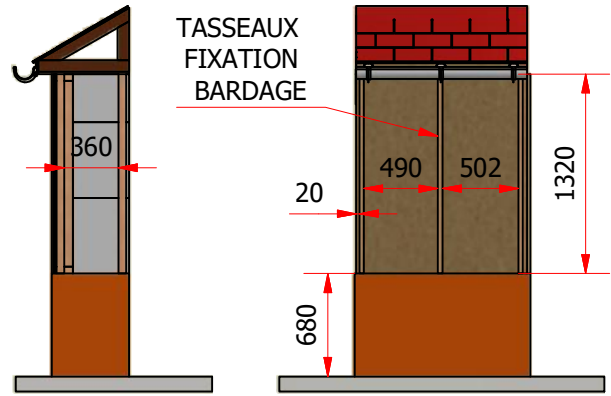
Enduit monocouche
Epaisseur 1cm mini



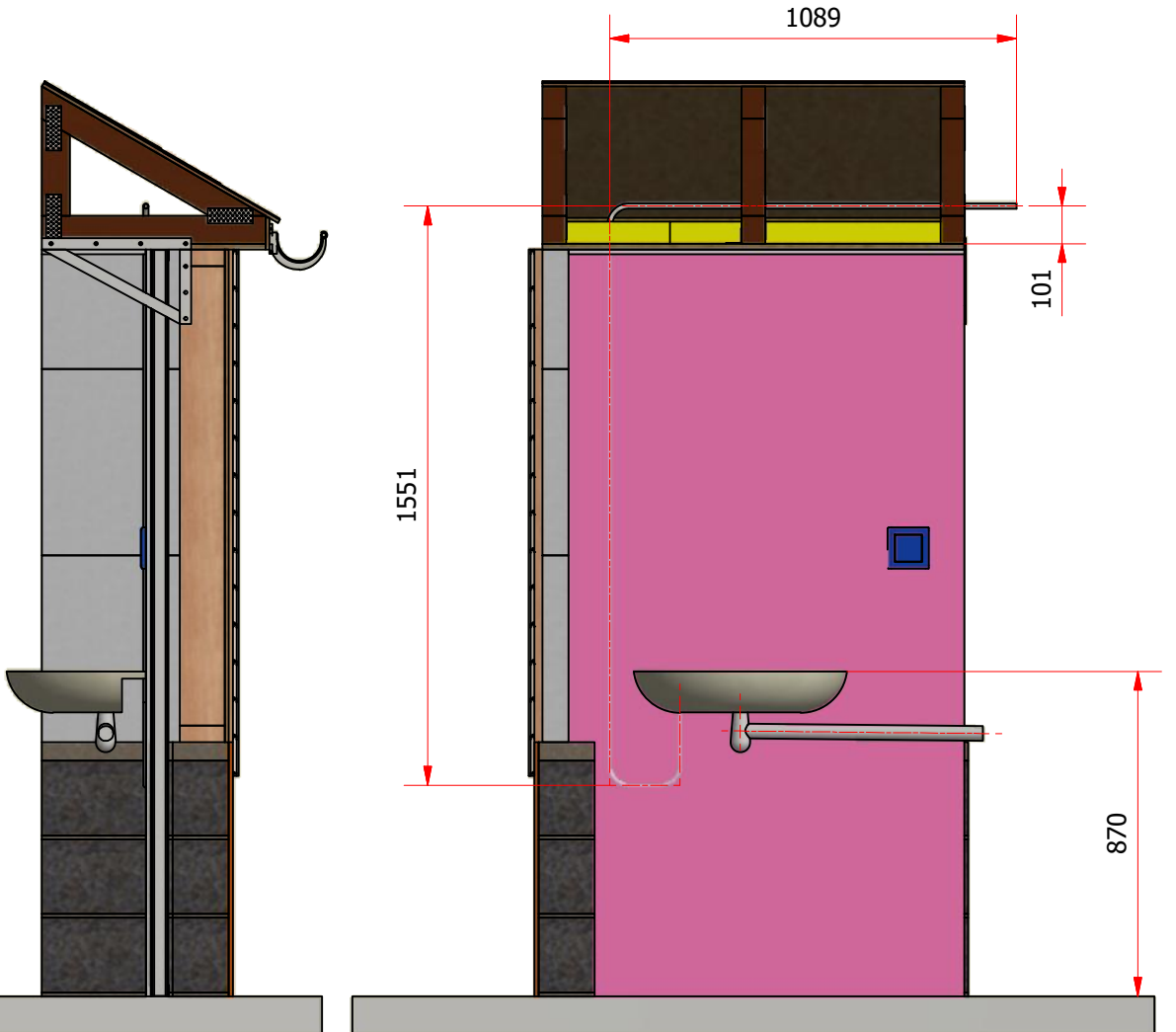
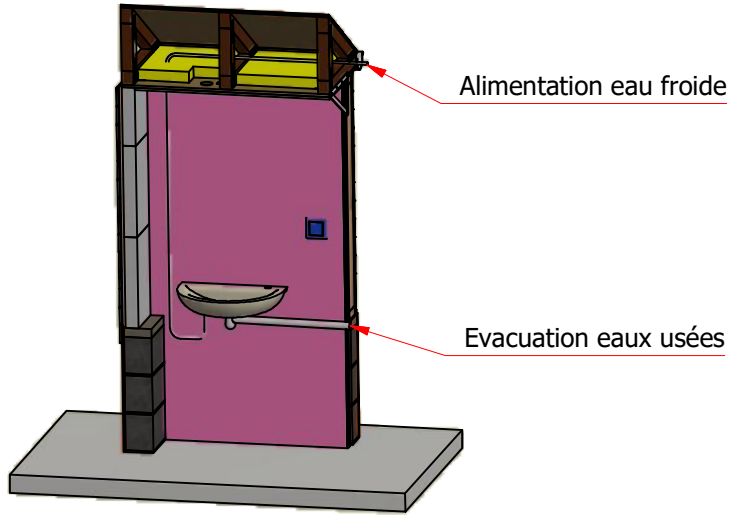
FACADE (1 :25)



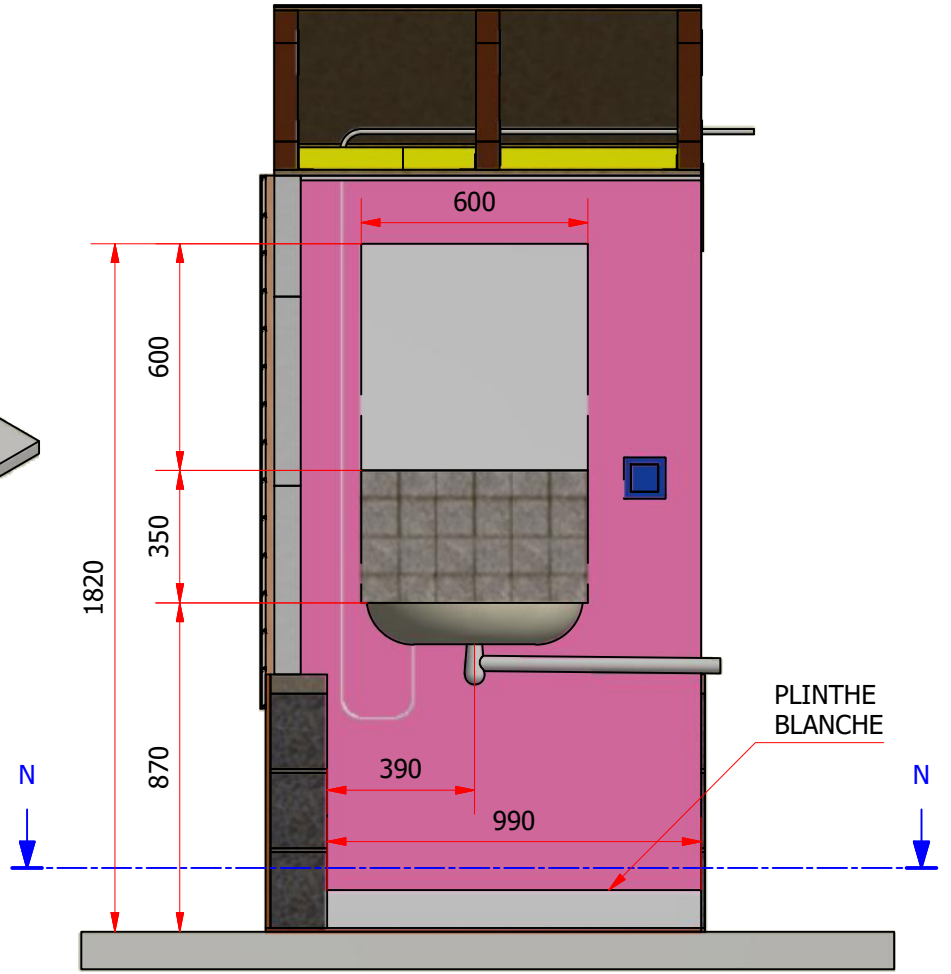
LOT n°11 BARDAGE



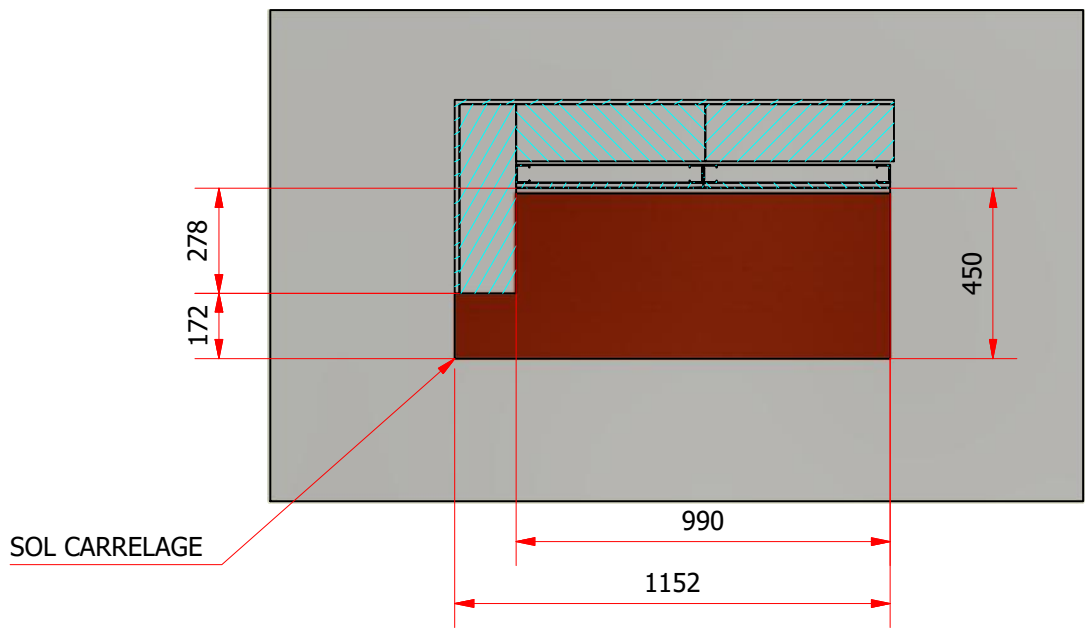
LOT n°12 PLOMBERIE



LOT N°13 CARRELAGE



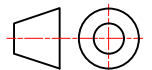
N-N



PLAN D'ENSEMBLE ET DE FABRICATION

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ATELIER HABITAT SEGPA

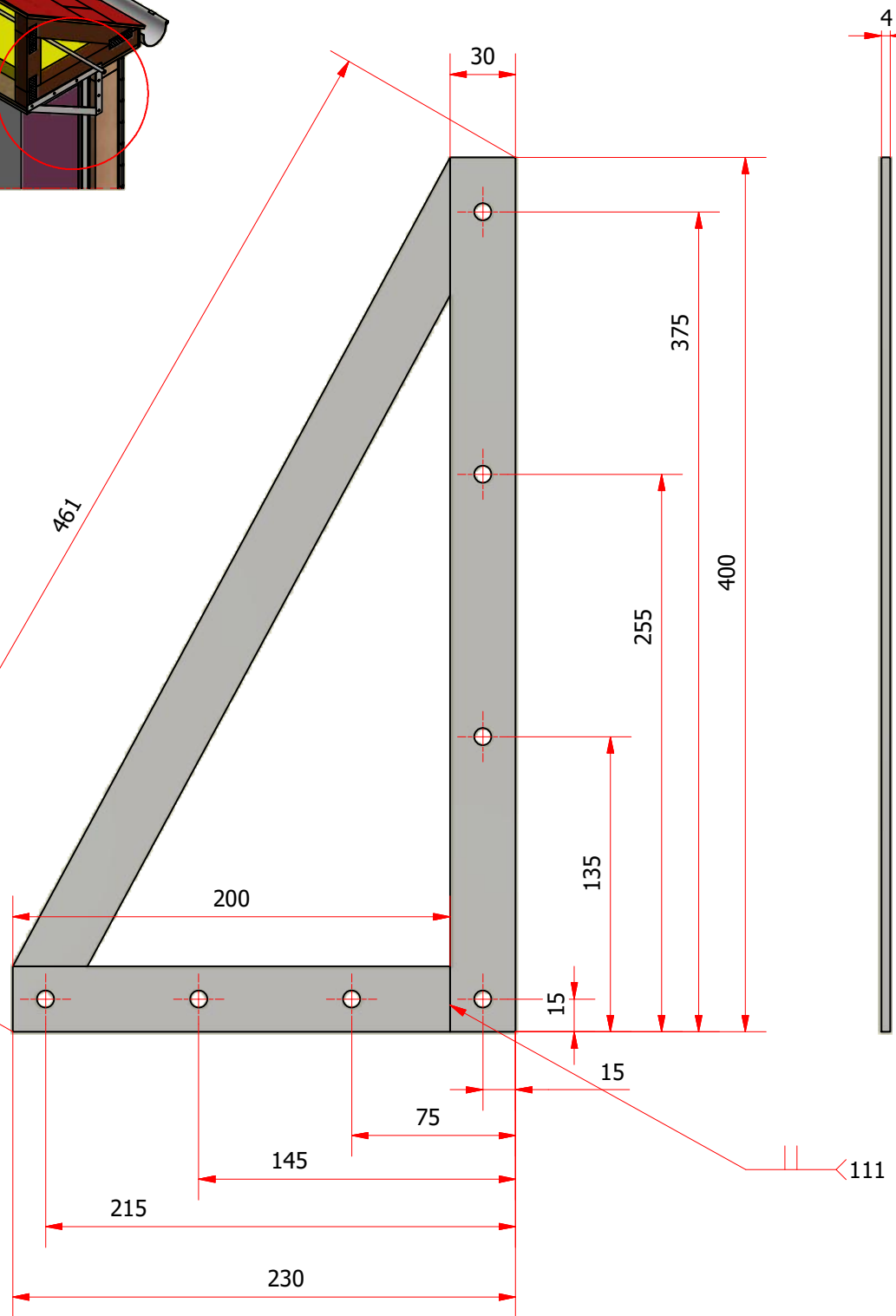
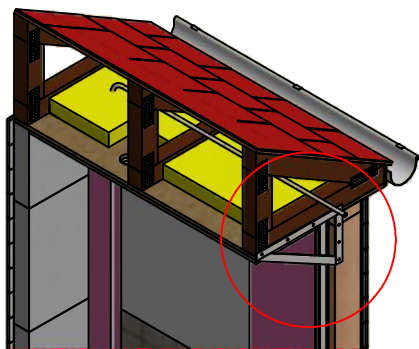


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FOLIO DT 14 / 15

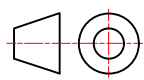
LOT N°14 METALLERIE



PLAN D'ENSEMBLE ET DE FABRICATION

C102-DEMI BOX

ATELIER HABITAT SEGPA



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FOLIO DT 15 /15



C102-DEMI BOX APPRO

LOT	METIER	ARTICLE	BESOIN PAR BOX	Prix unitaire	Montant	Ref Bricoman	BESOIN POUR 8	Montant	
1	1	MACON	PARPAING 15x20x50	10 parpaings	0,63€ / unité	6,30 €	219240	80 parpaings	50,40 €
2			CIMENT	10 Kg	8€ / sac de 35kg	8,00 €	900095	70 Kg (2 sacs de 35Kg)	16,00 €
3			SABLE à maçonner 0/5	35 Kg	2,5€ / sac de 35kg	2,50 €	295911	350 Kg (10 sacs de 35Kg)	25,00 €
4			BETON	40 Kg	4,99€ / sac de 40kg	4,99 €	903224	320 Kg (8 sacs de 40Kg)	39,92 €
5	2	CONSTRUCTEUR BOIS	BOIS OSSATURE 120x45	10 m (2x5m)	14,52€ / 5m	29,04 €	voir distri	80 m (16 lg de 5m)	232,32 €
6			PANNEAU OSB.3 12MM 250X125	1,5m²	19,90€ / panneau	19,90 €	619920	8 panneaux	159,20 €
7			VIS BOIS 6X80 TORX 50 PCS	1 boîte	9,70€ / boîte	9,70 €	637091	10 boîtes	97,00 €
8	3	PLATRIER	CARREAUX DE PLATRE 66x50cm. Ep. 7 cm	3 carreaux	4,16€ / carreaux	12,48 €	126420	24 carreaux	99,84 €
9			Mortier Adhésif Primaire	7Kg	6,7€ / sac de 25kg	2,33 €	199724	70Kg (3 sacs de 25Kg)	20,10 €
10	4	CHARPENTIER	PANNEAU OSB3 ÉP. 15MM L250XL125CM	1/4 de panneau	24,90€ / panneau	6,25 €	472535	2 panneaux	49,80 €
11			CHEVRON SAPIN 63 x 75 mm. Long 3m	6 m (2x3m)	4,75€ / 3m	9,50 €	312620	48 m (16 lg de 3m)	76,00 €
12			PLAQUE PERFOREE 40x120	9 plaques	0,92€ / plaque	8,28 €	340746	72 plaques	66,24 €
13			EQUERRE 40x40x40x2	6 équerres	0,76€ / équerre	4,56 €	221935	48 équerres	36,48 €
14	5	COUVEREUR	PANNEAU OSB.3 12MM 250X125	1 m² (1130x730)	cf lot n°2				
15			BARDEAU COUVERTURE 2,5m²	1 m² (1130x730)	19€ / paquet	9,50 €	693000	8 m² (4 paquets de 2,5m²)	76,00 €
16			SUPPORT DE GOUÏTIÈRE DÉVELOPPÉ 25 PVC SABLE	3 supports	1,08€ / support	3,24 €	153965	24 supports	25,92 €
17			GOUÏTIÈRE TYPE 25 L. 2 M SABLE	1m	6,22€ / 2m	3,11 €	153832	8m (4 lg de 2m)	24,88 €
18	6	LECTRICIEN	BOITE CENTRE FICHE ET DOUILLE DCL	1 dcl	8,5€ / DCL	8,50 €	374822	8 DCL	68,00 €
19			AMPOULES LED	1 ampoule	2€ / ampoule	2,00 €	896826	8 ampoules	16,00 €
20			INTERRUPTEUR VA ET VIENT	1 interrupteur	3,99€/ inter	3,99 €	976283	8 interrupteurs	31,92 €
21			CABLE H07VU 1.5MM2 25M BLEU	5m	0,34€/m	1,70 €	229992	50m (2 couronne de 50m)	15,30 €
22			CABLE H07VU 1.5MM2 25M ROUGE	6m	0,34€/m	2,04 €	229985	50m (2 couronne de 50m)	14,90 €
23			CABLE H07VU 1.5MM2 25M JAUNE/VERT	5m	0,34€/m	1,70 €	230006	50m (2 couronne de 50m)	15,30 €
24			BOITE DE DERIVATION ETANCHE EN SAILLIE IP 55	1 boîte	1,20€/boîte	1,20 €	310156	8 boîtes	9,60 €
25			GAINÉ ICTA D16 50M NOIR	5m	0,22€/m	1,10 €	244825	50m (1 couronne de 50m)	10,90 €
26	7	ISOLATION	LAINE DE VERRE EP75MM, 1.35X0.60M	3 panneaux	30€/10 panneaux	9,00 €	773584	24 px(3paquets de 10)	90,00 €
27	8	PLAQUISTE	RAIL DE 48, EP : 6/10EM 3m	3m	2,10€ / 3m	2,10 €	334194	8 rails	6,30 €
28			MONTANT NF DE 48 MM, 2,60 ML	5 x 2,6m	3€ / 2,6m	15,00 €	731850	40 montants	120,00 €
29			PLAQUE DE PLATRE BA13 2,5 X 0,6 M	2 plaques	4,85€/plaque	9,70 €	329511	16 plaques	77,60 €
30			BANDE À JOINT (ROULEAU DE 23M)	10m	2,95 €/23m	2,95 €	992474	4 rouleaux	11,80 €
31			ENDUIT BANDE À JOINT EN POUDRE 5 KG	2,5Kg	12,10€/5Kg	12,10 €	871213	20Kg (5Kg x 4 sacs)	48,40 €
32	9	PEINTRE	SOUS-COUCHE PLAQUE DE PLÂTRE 5 L	5 m²	15€ / 5l / 50m²	5,00 €	965202	40 m² (1 pot de 5l)	5,00 €
33			PEINTURE ACRYLIQUE SATIN MONOCOUCHE	5m²	30€ / 2,5l / 25m²	6,00 €	931952	40 m² (2 pots de 2,5l)	60,00 €
34			RUBAN MASQUAGE ADHÉSIF LISSE 50MX50MM	1 rouleau	2,4€/rouleau	2,40 €	178640	8 rouleaux	19,20 €
35	10	ENDUIT	ENDUIT DE FAÇADE MONOCOUCHE FIN	25Kg	9,5€/25Kg/m²	9,50 €	858830	8 sacs de 25Kg	76,00 €
36	11	BARDAGE	CLIN PIN AUTOCLAVE,EP22MM,145X4000MM	5 lames de 4m	9,5€/lame de 4m	47,50 €	816116	40 lames de 4m	380,00 €
37			BAGUETTE ANGLE 2,5m	1 baguette	5,9€/baguette	5,90 €	695730	8 baguettes	47,20 €
38			50 VIS BOIS TF TORX INOX A4 4X30	1 boîte	6,75€/ boîte	6,75 €	835751	8 boîtes	54,00 €
39			LOT DE 6 TASSEaux BRUT 32X50X2400MM	1 lot de 6	13,9€/lot de 6	13,90 €	916692	8 lot de 6 tasseaux	111,20 €
40	12	PLOMBIER	LAVE-MAINS Dim. 58 x 23 cm	1 lave main	20,90€/lave main	20,90 €	234584	8 laves main	167,20 €
41			BONDE LAVABO/BIDET AVEC CHAÎNETTE ET BOU	1	4,55 €	4,55 €	124320	8	36,40 €
42			SIPHON UNIVERSEL POUR LAVABO ET EVIER	1	4,35 €	4,35 €	659512	8	34,80 €
43			TUBE EVACUATION PVC Ø32 L2ML	1	1,90 €	1,90 €	192563	8	15,20 €
44			COLLIER DE FIXATION PVC	2	2,30 €	4,60 €	166740	8	18,40 €
45			ROBINET LAVE-MAINS	1	8,90 €	8,90 €	737653	8	71,20 €
46			FLEXIBLE INOX F12X17 M10/100 DN8 30 CM	1	4,75 €	4,75 €	1005984	8	38,00 €
47			RACCORD COMPRESSION MALE 12X17 D16	1	3,40 €	3,40 €	751513	8	27,20 €
48			COURONNE MULTICOUCHE NU D16 - 25 M	5m	30€/25m	6,00 €	499786	40m soit 2 couronnes	60,00 €
49			LOT DE 10 COLLIERS SIMPLES POUR TUBE MULT	5	6,65€/10 colliers	3,33 €	499835	40 colliers	26,60 €
50			RACCORD COMPRESSION MALE 15X21 D16	1	2,95 €	2,95 €	499674	8	23,60 €
51			NEZ DE ROBINET 1/2" F15X21	1	3,05 €	3,05 €	610484	8	24,40 €
52	13	CARRELEUR	CARREAU 33,5 X 33,5cm 0,112m²/carreaux	10 carreaux	2,99€/m²	3,35 €	929222	80 carreaux 9m²	26,91 €
53			COLLE TOUS CARREAUX BLANC 25 KG 5m²	2,5m²	12,90 €	6,45 €	944083	4 sac de 25Kg	51,60 €
54			100 CROISILLONS RÉCUPÉRABLES ÉP. 5 MM	0,5 paquets	5,90 €	2,95 €	404551	2 paquets	11,80 €
55			FAIENCE 20 X 20 BLANC LISSE BRILLANT 1M²	0,25m²	5,4€/m²	1,35 €	992432	2m²	10,80 €
56			PLINTHE 8X33.5 MARMO BEIGE	4 plinthes	1,75 €	7,00 €	943712	32 plinthes	56,00 €
57			JOINT SOUPLE ET LARGE FLEX GRIS 5 KG	2,5Kg	9,50 €	4,75 €	373030	4 paquets	38,00 €
58	14	METALLIER	PLAT ACIER LAMINÉ À CHAUD 30X4 L200CM	1m	9,2€/2m	4,60 €	593250	8m (4x2m)	36,80 €

408,84 €

3 158,63 €

par élève

pour 8 elv