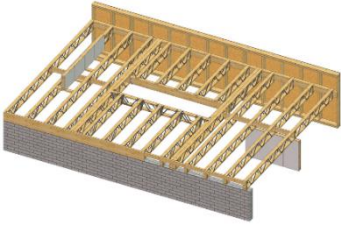
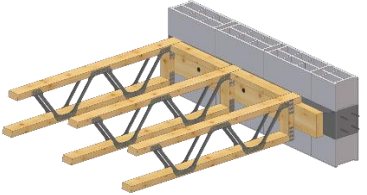
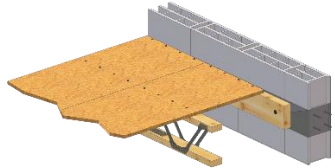
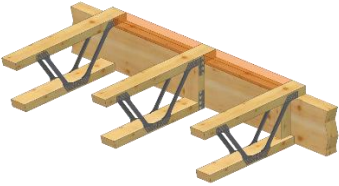
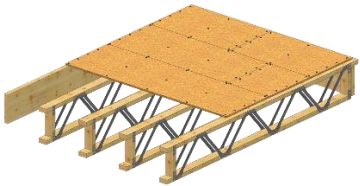
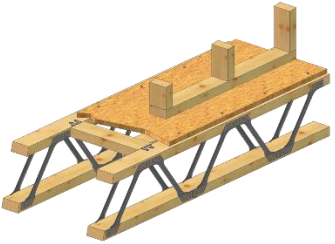
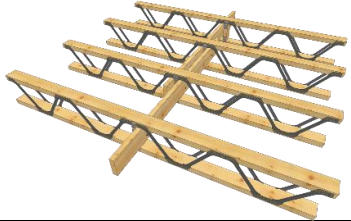
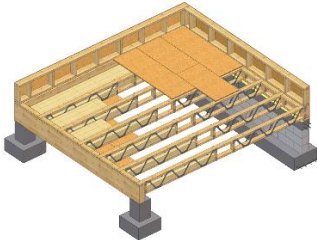
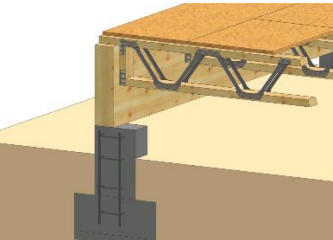
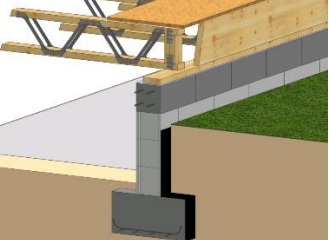


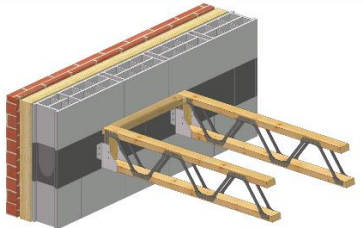
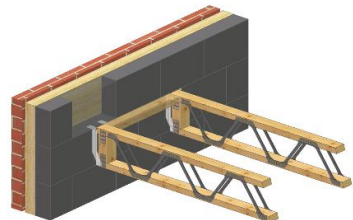
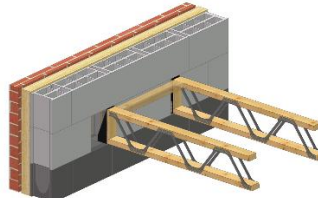
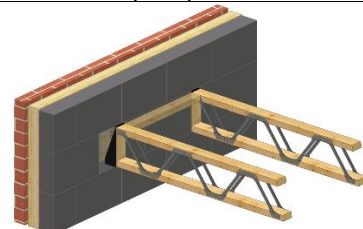
A) Solutions de plancher

1. Définition d'une poutre 	2. Plancher 	3. Fixation contre mur maçonné 
PMR DWG IFC SKP	PMR DWG IFC SKP	PMR DWG IFC SKP
4. Fixation du panneau de plancher en rive 	5. Conception des appuis sur membrure haute 	6. Appui haut sur poutre bois entaillée 
PMR DWG IFC SKP	PMR DWG IFC SKP	PMR DWG IFC SKP
7. Fixation du panneau de plancher 	8. Fixation par sabots métalliques 	9. Les cloisons intermédiaires 
PMR DWG IFC SKP	PMR DWG IFC SKP	PMR DWG IFC SKP
10. Raidisseur 		
PMR DWG IFC SKP		

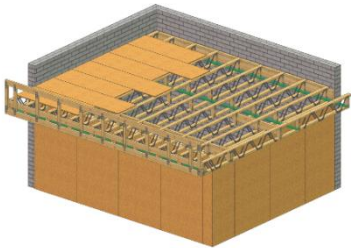
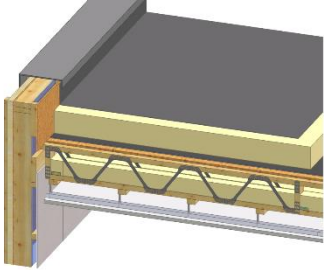
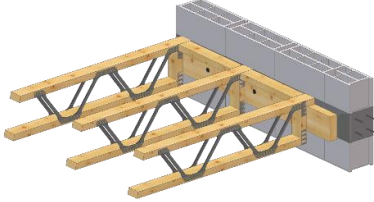
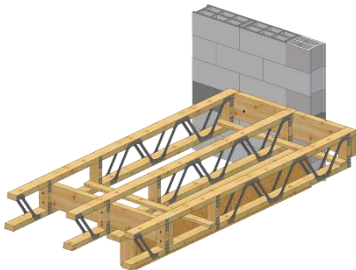
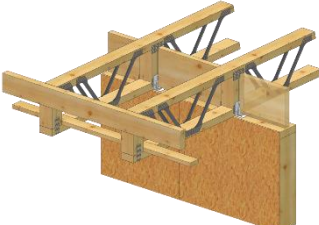
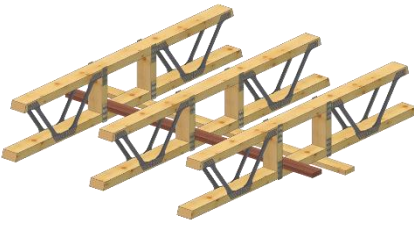
B) Plancher rez-de-chausée

1. Dalle bois sur plots et muret				2. Dalle bois sur plot				3. Dalle bois sur vide sanitaire			
											
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP

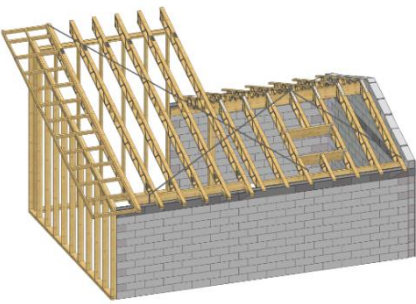
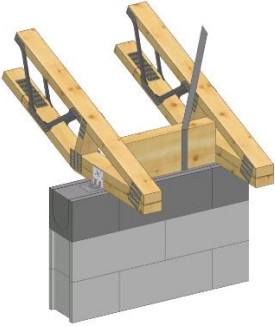
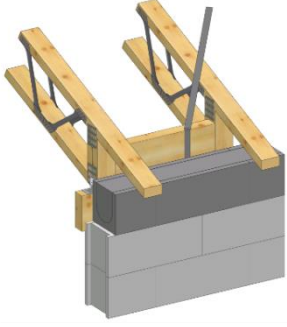
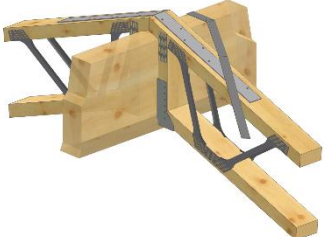
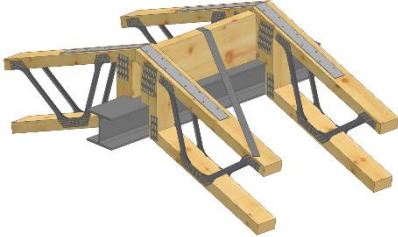
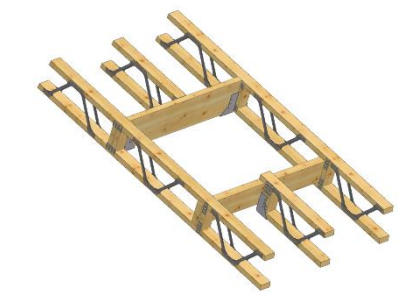
C) Détails de conception de Murs creux

1. Sabot à ailes maçonnerie hauteur 2/3				2. Sabot appui contre maçonnerie				3. Encastrement dans mur en parpaing creux			
											
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP
4. Encastrement dans mur en briques pleines											
											
PMR	DWG	IFC	SKP								

D) Solutions de toiture

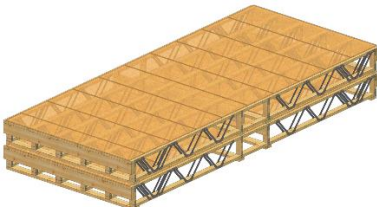
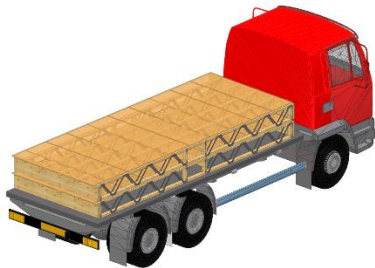
1. Toiture terrasse				2. Schéma de principe d'une toiture chaude				3. Appui de la membrure supérieure sur muralière			
											
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP
4. Débords				5. Porte-à-faux				6. Filants d'entrait			
											
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP

E) Chevrans porteur

1. Détail d'ensemble	2. Débord droit	3. Débord queue de vache
		
PMR DWG IFC SKP	PMR DWG IFC SKP	PMR DWG IFC SKP
4. Feuillard en tête option 1	5. Feuillard en tête option 2	6. Détail d'extrémité sur poutre métalliques
		
PMR DWG IFC SKP	PMR DWG IFC SKP	PMR DWG IFC SKP
7. Chevêtre de toiture	8. Débord sur sablière délardée	9. Echelle de pignon
		
PMR SKP IFC DWG	PMR SKP IFC DWG	PMR SKP IFC DWG

1. Schéma de principe				2. Pannes d'aplomb				3. Pannes déversées			
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP
4. Maintient des poutres via des raidisseurs				5. Maintient vers des bracons en bois Massif				6. Maintient avec des feuillards			
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP
7. Entretoise + Bracons											
PMR	DWG	IFC	SKP								

G) Caissons

1. Caisson POSI				2. Caisson avec muralière entaillée				3. Caisson avec appui sur sabot			
											
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP
4. Continuité des raidisseurs entres caissons				5. Stockage				6. Manutention			
											
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP
7.1 Espacé d'un entraxe				7.2 Espacé d'un panneau				7.3 Sans espacement			
											
PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP	PMR	DWG	IFC	SKP