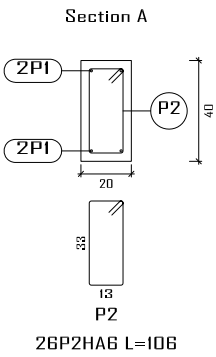
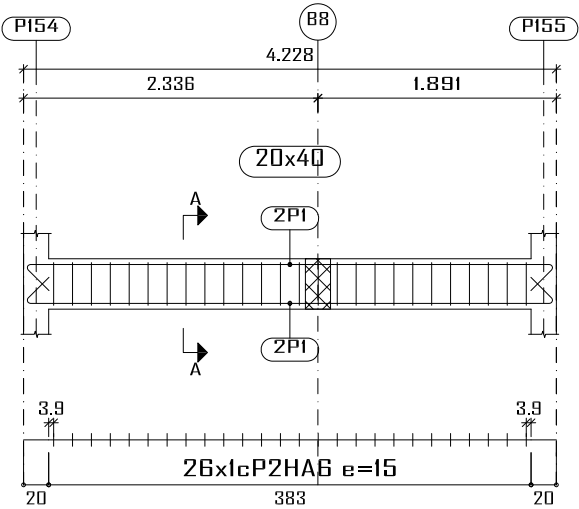


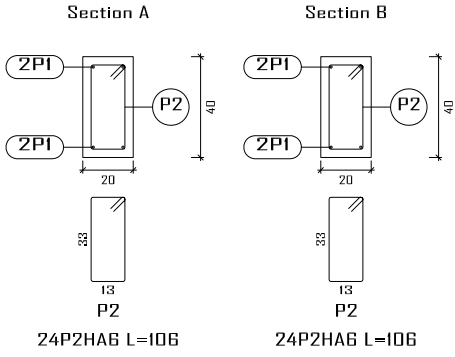
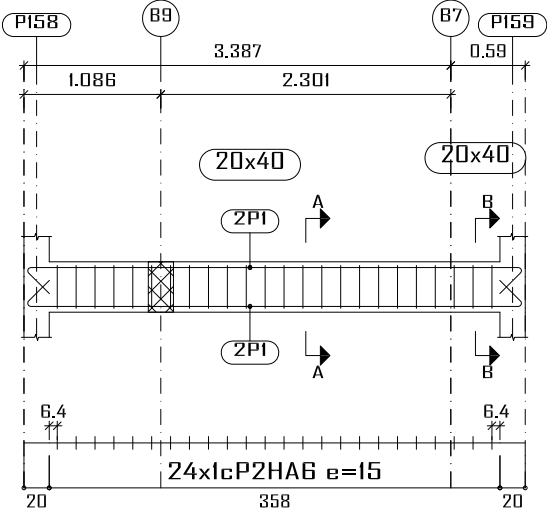
Niveau Chainge +2.50  
Plan de ferrailage des poutres  
Béton: B25  
Acier des barres: Fe E400  
Acier des cadres: Fe E400  
Échelle portiques 1:60  
Échelle sections 1:30  
Échelle réservation 1:30

Élément	Pos.	Diam.	No.	Schéma (cm)	Long. (cm)	Total (cm)	Fe E400 (kg)
Pt9	1	HA10	4		467	1868	11.5
	2	HA6	26		106	2756	6.1
	Total+10%:						19.4
Pt10	1	HA10	4		442	1768	10.8
	2	HA6	24		106	2544	5.6
	Total+10%:						18.2
Pt11	1	HA10	2		139	278	1.7
	2	HA10	2		189	378	2.3
	3	HA6	7		106	742	1.6
	Total+10%:						6.2
						HAB: HA10: Total:	14.7 29.1 43.8

Pt9



Pt10



Pt11

