

Technical drawing of a rectangular structure, likely a foundation or slab, showing dimensions and labels.

Dimensions:

- Overall width: 520
- Overall height: 200
- Internal width segments: 180, 20, 280
- Internal height segments: 160, 20, 200
- Bottom edge segments: 30, 50, 170, 20, 270, 30
- Right edge segments: 180, 70

Labels and Features:

- P1** 50x30 (Bottom left corner)
- P2** 50x20 (Bottom center corner)
- P3** 70x30 (Bottom right corner)
- P4** ø 20 (Top right corner)
- A** (Section line on the left)
- B** (Section line on the right)
- Two circular features with a horizontal line and the value $+7.74$ are located in the upper half of the structure.
- Two circular features with a horizontal line and the value -20 are located in the lower half of the structure.
- Shaded regions (hatched) are present in the corners and along the bottom edge.

Architectural floor plan of the ground floor (RDC) of a building. The plan shows a rectangular layout with various rooms and corridors. Key dimensions include a total width of 2.65m and a total depth of 3.80m. The plan includes a 'Gros béton 15cm' label indicating a concrete slab. The drawing is oriented with North at the top, indicated by a compass rose. The plan is divided into several sections, with dimensions provided for each section and overall dimensions for the entire floor.

Technical drawing of a mechanical part, showing a cross-section with dimensions and section lines A-A and B-B.

Dimensions:

- Overall width: 520
- Overall height: 230
- Top flange thickness: 20
- Internal vertical distance from top flange to centerline: 160
- Internal vertical distance from centerline to bottom flange: 160
- Bottom flange thickness: 20
- Internal horizontal distance from left face to centerline: 180
- Internal horizontal distance from centerline to right face: 280
- Left face offset: 4
- Right face offset: 4
- Bottom face offset: 4
- Internal horizontal distance from left face to internal vertical line: 20
- Internal horizontal distance from internal vertical line to centerline: 20
- Internal horizontal distance from centerline to internal vertical line: 20
- Internal horizontal distance from internal vertical line to right face: 20

Section Lines:

- Section line A-A is shown on the left and right sides of the part.
- Section line B-B is shown at the top and bottom of the part.

Other Features:

- A green shaded area is located in the upper left corner of the part.
- A circular feature with a centerline is located in the lower left corner of the part.
- A rectangular feature labeled P1 is located in the upper right corner of the part.

Technical drawing of a rectangular structure, likely a cross-section of a wall or foundation. The drawing shows a rectangular frame with a central opening. The overall width is dimensioned as 560. The overall height is dimensioned as 2385. The structure is shown in section, with hatching indicating the material. Section lines A-A and B-B are indicated, showing the orientation of the sections.

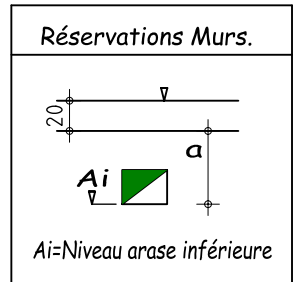


Figure 1: Legend for the structural drawing.

Color Key:

- Light Blue: MACONNERIE
- Orange: BETON ARME C25/30
- Dark Red: BETON ARME C35/45
- White: BETON BANCHE

Pattern Key:

- Grid: PREFABRICATION
- Stippled: MUR BETON ou P.V. sur dalle
- Diagonal Lines: MACONNERIE sur dalle
- Horizontal Lines: RELEVÉS sur dalle
- Stippled with Dots: ALLEGE Maçonné sur dalle
- Diagonal Lines with Dots: ALLEGE Béton sur dalle
- Green/White: Percements ouverture et dalle
- White with Dots: Percements de murs
- White with Dots: Vaniton de niveau

Structural Element Key:

- [Li] Linteau int.
- [L..] Linteau
- [N..] Nervure
- P.. Poutre
- S.. Sous-Poutre
- [S.P..] Sur-Poutre
- P.V. Poutre Voile
- BS Boisseau

Detail Drawing: A circular opening in a wall. Dimensions: 40.00 (diameter), 25 (thickness). Label: niveau brut (top surface), épaisseur dalle (wall thickness).

ENROBAGE MINIMUM DES ARMATURES ELEMENTS BA INTERIEURS: 2.5 cm ELEMENTS BA EXTERIEURS: } 3 cm ENTERRES: PREFABRIQUES		-Les Fers en attentes non croisés sont à munir d'un système de protection. Ces mêmes croisés devront être coupés avant bétonnage. (Normes Parasismiques)	
TOTAL ACIERS H.A.		TOTAL ACIERS T.S.	
906kg		700kg	
<u>TABLEAU DES RECOUVREMENTS</u> <u>ET DES ANCRAGES DES ACIERS</u> <u>HAUTE ADHERENCE = 65ø</u> scellement droit		ø6 = 40cm ø8 = 55cm ø10 = 65cm ø12 = 80cm ø14 = 90cm ø16 = 105cm ø20 = 130cm ø25 = 165cm ø32 = 210cm ø40 = 260cm	
NOMENCLATURE DE TREILLIS SOUDE			

Classe béton	FC 28 (Mpa)	Ft 28 (Mpa)	REPERAGE
C16/20	16	1.58	GROS BÉTON
C25/30	25	2.10	MASSIFS, LONGRINES
C25/30	25	2.10	Poutres/Poutres, Linteau, Voies Dalles

Charge d'exploitation: Voir Plan
Le niveau de référence ...± 0.00... correspond au niveau : 146.98 IGN69
Prévoir la mises à la terre du bâtiment.
Prévoir le passage des canalisations dans les fondations
Zone sismique :Zone 3 (modéré)

Diamètre minimal des mandrins de cintrage														
CLASSE Béton	4	5	6	7	8	9	10	12	14	16	20	25	32	40
CADRES B 2400 B 2500	30	20	20	30	30	40	40	50	70	50				
TRÉILLIS B 2400 B 2500	30	30	30	30	50	100	100	100	150	170				
ANCRAGES	40	50	70	70	70	100	100	100	150	150	200	250	300	400
COUDÉS							150	200	200	250	300	400	500	500
Enrobage minimum des aciers: 3 cm														
ASSEMBLAGE des ACIERS (LIgATURES,SOUdURES,...)														
SOUS RESPONSABILITE de L'ENTREPRISE														
ACIERS: Classe et limites d'élasticité (B) correspondantes														
	CLASSE					Fe (Mpa)								
Ronds lisses	B 240					235								
Hte. Adhérence	B 500					500								
Treillis Soudé H.A.	B 500 A					500								

Structure B.A

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