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Technical drawing of a column base plate. The top view (PIANTA) shows a square plate with a side length of 35. It features a central HEA 160 I-beam column. The plate has four circular holes for bolts, with a 5-unit offset from the edges. The side view (SEZIONE X-X) shows the plate thickness of 20 units. It details the connection between the plate and the column flange using two 22mm diameter bolts. The plate is labeled "PIASTRA 120x120x20 (ROSETTA)".

calcestruzzo										acciaio	
NORMATIVA DI RIFERIMENTO	UNI 11556	UNI 11556 (prospetto 4) e UNI 2004						UNI EN 10131	UNI EN 10025-1	BS 5950	
CAMPI DI IMPIEGO	Classe di esposizione	Classe di Resistenza		Classe di deformazione		Classe di compatibilità	Classe di classe di classe	tipo e classe cemento	coefficiente	armatura	
		Numero	max. ϵ_{yk}	max. ϵ_{yk}	max. ϵ_{yk}						
magrone (s=10 cm)		C12/15	R _{yk} 15	32	=	S3	C12/15				
fondazioni	XC4+XA2	C15/20	R _{yk} 45	25	0,50	S4	C15/20		50	B45 C50	
pareti	XC4+XA2	C15/20	R _{yk} 45	25	0,50	S4	C15/20		50	B45 C50	
solette sp. < 15 cm	XC4+XA2	C15/20	R _{yk} 45	25	0,50	S4	C15/20		50	B45 C50	
solette sp. < 15 cm	XC4+XA2	C15/20	R _{yk} 45	15	0,50	S4	C15/20		40	B45 C50	

- ACCIAIO:	S355
- TIRAFONDI:	S355
- CLASSE BULLONI:	8.8
- Saldatura: di tipo elettrica - secondo D.M. 17/01/2018	

- COPRIFERRO:	5 cm
- SOVRAPPOSIZIONE MINIMA DA RISPETTARE:	80 Ø
- LE ARMATURE DOVRANNO RISULTARE ELETTRICAMENTE CONTINUE	

- PER IL POSIZIONAMENTO DEI POZZETTI, DELLE TUBAZIONI ELETTRICHE E IDRICHE FARE RIFERIMENTO AI CORRISPONDENTI DISegni ELETTRICO-MECCANICI
- VERIFICARE LE QUOTE CON I DISegni ARCHITETTONICI
- VERIFICARE LA FOROMETRIA CON I DISegni ELETTRICO-MECCANICI
- PRIMA DELLA REALIZZAZIONE DELLA PLATAE ASPORTARE IL TERRENO VEGETALE E DI RIPORE PRESENTE.
- RINTRERARE CON MATERIALE ANDRO E COMPATTARE SINO ALLA QUOTA DEL MAGRONE DI SOTTOFONDAZIONE.
- PER LE CARATTERISTICHE DEL MATERIALE ANDRO FARE RIFERIMENTO ALLA RELAZIONE GEOTECNICA

TUTTE LE QUOTE PLANO-ALTIMETRICHE SONO ESPRESSE IN CM

The diagram illustrates a rectangular reinforced concrete slab cross-section. The total width is 40 cm, indicated by vertical dimension lines on both sides. The effective length is 520 cm, labeled as "L= 520".

- Top Reinforcement:** Labeled "(2) 1ø20/20 sup. L= 520", indicating two top bars of 20 mm diameter spaced at 20 mm.
- Bottom Reinforcement:** Labeled "(2) 1ø20/20 inf. L= 520", indicating two bottom bars of 20 mm diameter spaced at 20 mm.
- Stirrups:** Represented by blue stars along the perimeter of the slab, indicating closed stirrups.
- Dimensions:** Vertical dimensions of 40 are shown on the left and right edges. Horizontal dimensions of 440 are shown for the inner rectangle defined by the reinforcement bars.
- Labels:** Circled numbers "1" and "2" point to specific parts of the reinforcement layout.
- Force:** A red arrow labeled "Q.T." points to the right end of the slab, representing a tensile force.

The diagram shows a rectangular plate with the following specifications:

- Top Boundary:** Labeled with a circled '2' and 'Q.T.' (Quasi-Transparent).
- Bottom Boundary:** Labeled with a circled '1' and 'Q.O.' (Quasi-Opaque).
- Left Boundary:** Labeled with a circled '2' and 'Q.T.'.
- Right Boundary:** Labeled with a circled '1' and 'Q.O.'.
- Dimensions:** The plate has a width of 230 and a height of 40.
- Material Properties:** The plate is labeled with a circled '1' and '1020/20 sup. L= 310' and a circled '2' and '1020/20 inf. L= 310'.

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Diagram of a reinforced concrete slab with dimensions and reinforcement details. The slab is shown in cross-section and plan view. The cross-section shows a total width of 400 mm and a height of 150 mm. The reinforcement consists of 4 top bars (4Ø12) and 3 bottom bars (3Ø12). The plan view shows a rectangular slab with a total length of 4400 mm and a total width of 400 mm. The reinforcement is distributed as follows: 1Ø20/20 sup. L = 156 (top bars), 1Ø20/20 sup. L = 166 (top bars), 2Ø12/20 sup. L = 470 (top bars), and 1Ø20/20 inf. L = 520 (bottom bars). The dimensions are given in mm.

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