

GENERAL NOTES

Elevations are in metres in Hafnafjordur elevation system

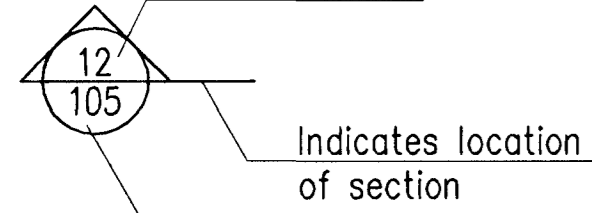
▽0.00 Stands for elevation 0,00 m on sections

⊕0.00 Stands for elevation 0,00 m on plans

All dimensions shown are either metres or millimetres

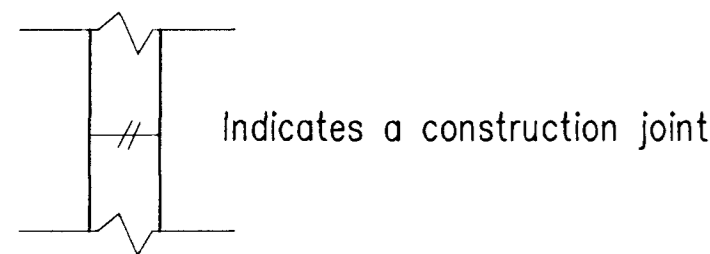
⊘200 Indicates thickness of wall or slab 200 mm

Detail no. 12



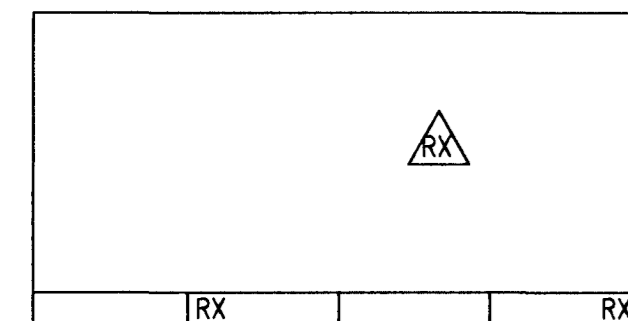
Indicates location of section

Shown on DWG no. 105



Indicates a construction joint

Revision no X shown on drawing:



GENERAL NOTES FOR CONCRETE

Concrete production.: see specification.

Concrete quality will be specified on relevant drawing.

Drawings will show where special concrete finishes are required.

Compressive strength will be determined by testing standard 150x300 mm cylinders in accordance with IST EN 206-1:2000.

Test cylinders shall be made and cured in accordance with IST EN 206-1:2000.

Executin of concrete structures: IST EN 13670-1:2009.

The concrete class prescribed for each structural component will be expressed in the form:

Cbb/cc:XEi-D

Where bb is the specified cylinder strenght in MPa (IST EN 206-1:2000).

cc is the specified cubic strenght in MPa (IST EN 206-1:2000).

XEi is the exposure class.

D is the normal maximum particle size in mm,

see standard technical specification.

Ready mix concrete.

Example: C30/37:XF3-38

GENERAL NOTES FOR REINFORCEMENT

Reinforcing bars shall be of the following quality:
B500C conforming to IST16:2006, marked as S Plain bars, marked as R, are of quality Fe 360

———— Ribbed bar without endhooks located in far face of a wall, or bottom face of a slab

----- Ribbed bar without endhooks located in near face of a wall, or top face of a slab

⊘k20c200-6000 Bars d=20 mm, length 6000 mm spacing 200 mm over the distance marked.

⊘s12c200 Stirrup, d=12 mm, spacing 200 mm

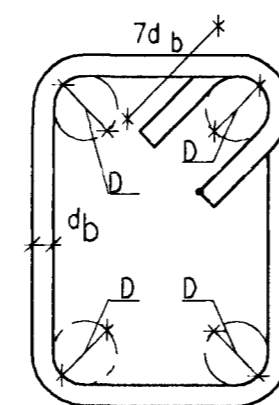
— Bar bent anchorage length into adjoining wall, slab or beam.

⊘200 Indicates thickness of construction element and direction of other bars in far face or nearer bars in near face.

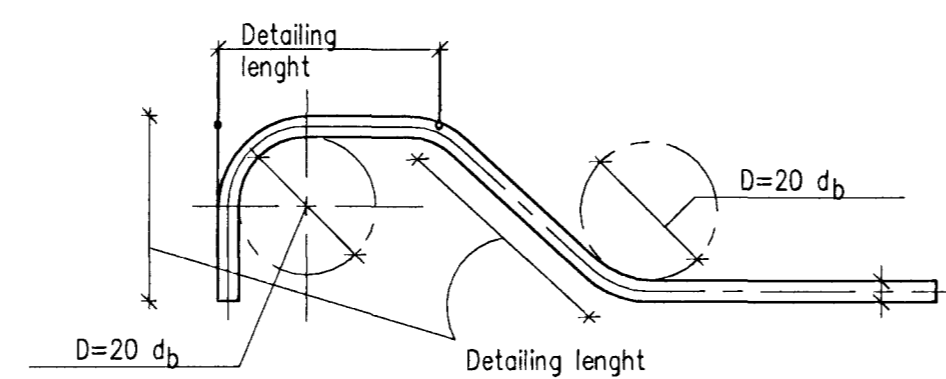
Concrete cover for reinforcement (tolerances acc. to FSENV1992)
Bottom face in foundations 50 mm
Outside surface 40 mm
Other surfaces 30 mm

REINFORCEMENT STIRRUPS

D=3 d_b or diameter of enclosed bar

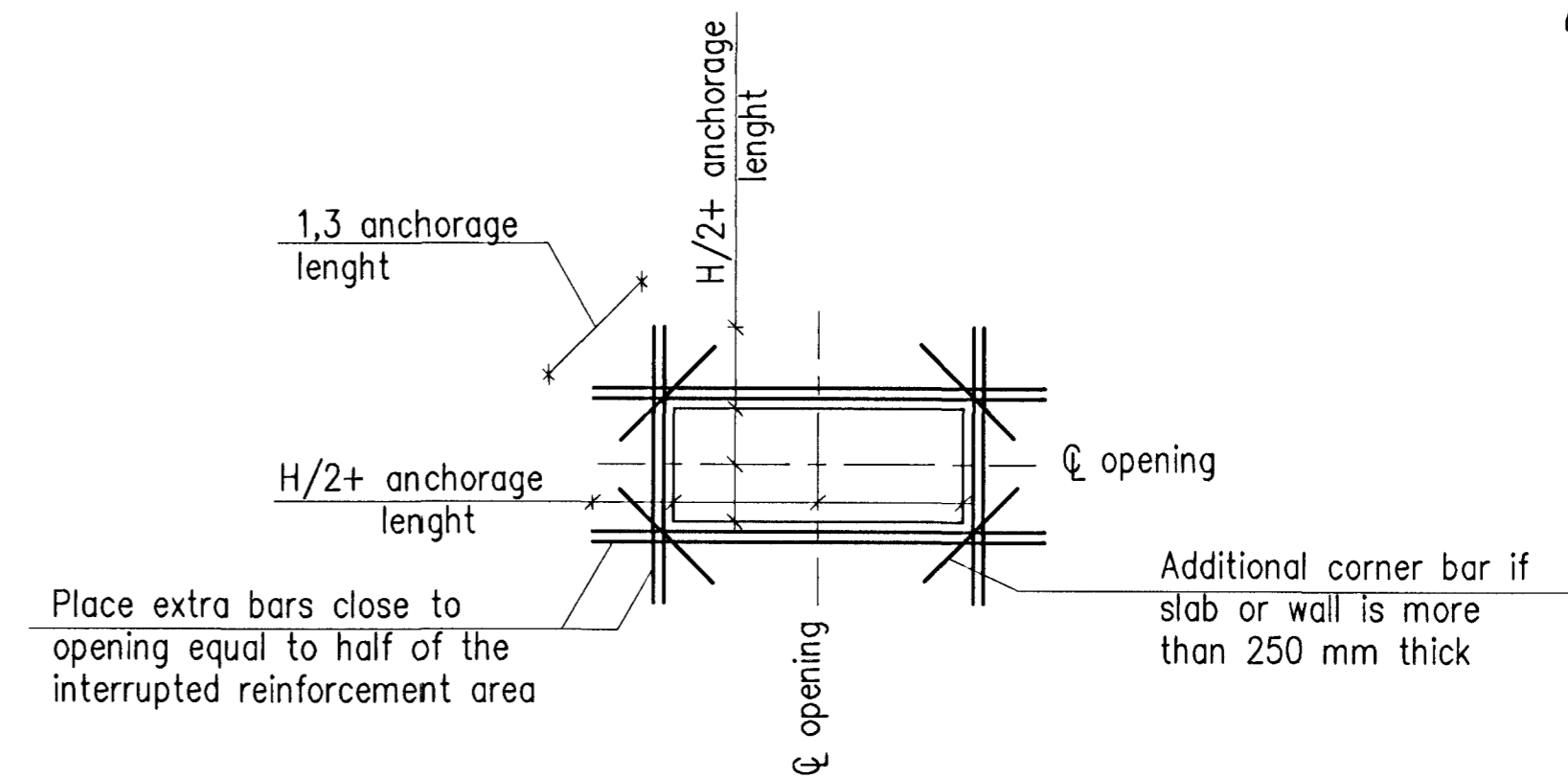


REINFORCEMENT BENDING



REINFORCEMENT AROUND OPENINGS

(if not shown otherwise)



Place extra bars close to opening equal to half of the interrupted reinforcement area

Additional corner bar if slab or wall is more than 250 mm thick

EARTHING

See dwg. no. ICC-611-FA-518-004 and ICC-611-FA-518-005.

Samþykkt þann

19 JAN 2011

Byggingatvörun í Hafnarfirði
R.H. Hrólfur S. Gunnlaugsson

Nick Indrisson
W1

Skýringar:
Explanations:



This drawing is the property of the Rio Tinto Alcan Iceland Ltd. and handed out for personal use only. It may neither be copied nor made available to others without permission of the Rio Tinto Alcan Iceland Ltd. The receiver is liable for any misuse.

Fjöldi stykkja Number of pieces	Hlutur Object	Alniti Item	Efni Material	eo.stk (kg) Bygnd	total f. held Scale	Athugasemdir Remarks	
IV III II I	ICC CASTHOUSE EXTENSION BUILDINGS GENERAL NOTES, FORMWORK				A1 Min Scale		
	Vertikal / Supplier	HRV			Tekur. vertika / Drawn. of suppl	Rev. / C	
	Teknað Drawn	HS/LDB	2010.05.27	Yfirfarð Checked	NI	Sambýkt Approved	AKS no. N1
	Teknað Drawn					ISAL Stærðir Alcan Iceland Ltd IS-222 Hafnarfirði	ISAL Drawn. of ISAL / Tekn.nr. ISAL Breyt./Rev.
						Yfirfarð og þróað Checked and Rev.	Notkun þeimhúð Received