GENERAL NOTES

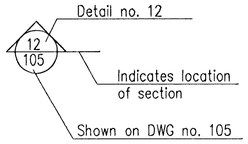
Elevations are in metres in Hafnafjordur elevation system

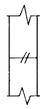
0.00 Stands for elevation 0,00 m on sections

0.00 Stands for elevation 0,00 m on plans

All dimensions shown are either metres or millimetres

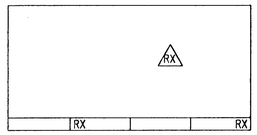
200 Indicates thickness of wall or slab 200 mm





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 by determined by testing standard 150x300 mm cylinders in acordance with ENV 206: 1990.

Test cyliners shall be made and cured in accordance with ENV 206: 1990.

Concrete consistence will be measured by the slump method. Slump classes are thus defined:

Slump Class	Slump mm
S1	10–40
S2	50–90
S3	100–150
S4	> 160

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

Caa/bb–cc–Sd

Where aa is the specified cyllinder strenght in MPa (ENV 206).
bb is the specified cubic strenght in MPa (ENV 206).
cc is the normal maximum particle size in mm,
and d is the slump class as specified above.

Example: C30/37–38–S2

GENERAL NOTES FOR REINFORCEMENT

Ribbed reinforcing bars shall be of the following quality:
B500B according to pr ENV 10080, marked as K
K500TE (TEMPCORE) according to NS 3570, 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.
Steel quality: B500B acc.to ENV 10080

S12c200 Stirrup, d=12 mm, spacing 200 mm
Steel quality: K500TE (TEMPCORE) acc. to NS 3570

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

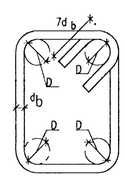
200 Indicates thickness of construction element and direction of other bars in far face or nearer bars in near face.

Concrete cover for reinforcement (tolerances acc. to FSENV1992)

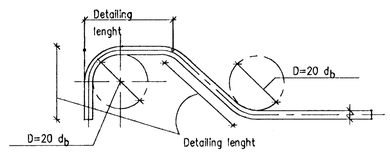
Bottom face in foundations	50 mm
Outside surface:	40 mm
Other surfaces	30 mm

REINFORCEMENT STIRRUPS

D=3 d_b or diameter of enclosed bar

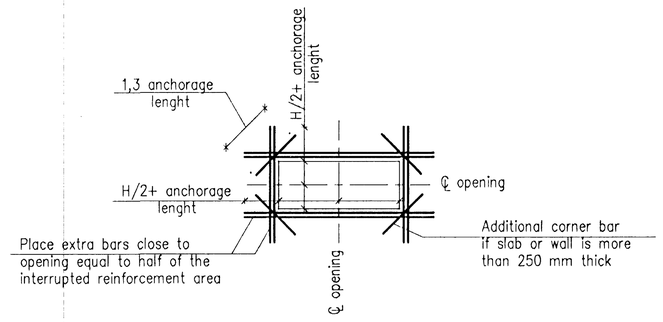


REINFORCEMENT BENDING



REINFORCEMENT AROUND OPENINGS

(if not shown orterwise)



COORDINATES

All coordinates are given in a local coordinate system

HAFNARFJÖRÐUR
BYGGINGARFULLTRÚINN 13/7'96
AFGREITT

REV. NO.	DATE	REVISION	BY	APP.	REV. NO.	DATE	REVISION	BY	APP.
1	1996.07.10	APPROVED FOR CONSTRUCTON	FGS	N.I.					

NOTES

REFERENCE DRAWING

DRAWING NUMBER

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95.120 – 26.021

ICELANDIC ALUMINIUM COMPANY LTD.

DRAWN	96.04.10	SGI
APPROVED	96.04.10	FGS
PROCESS	96.04.10	NI
PROJECT	96.04.10	NI
SCALE		FORMAT A1

SWITCHYARD AND MAIN SUBSTATION
CONCRETE WORK
GENERAL NOTES
FORMWORK

ALUSUISSE ALESA — ALESA ALUSUISSE ENGINEERING LTD. ZURICH SWITZERLAND

79000–35321 REVISION 1

ISAL — ICELANDIC ALUMINIUM CO. LTD

188.321

10-APR-1996