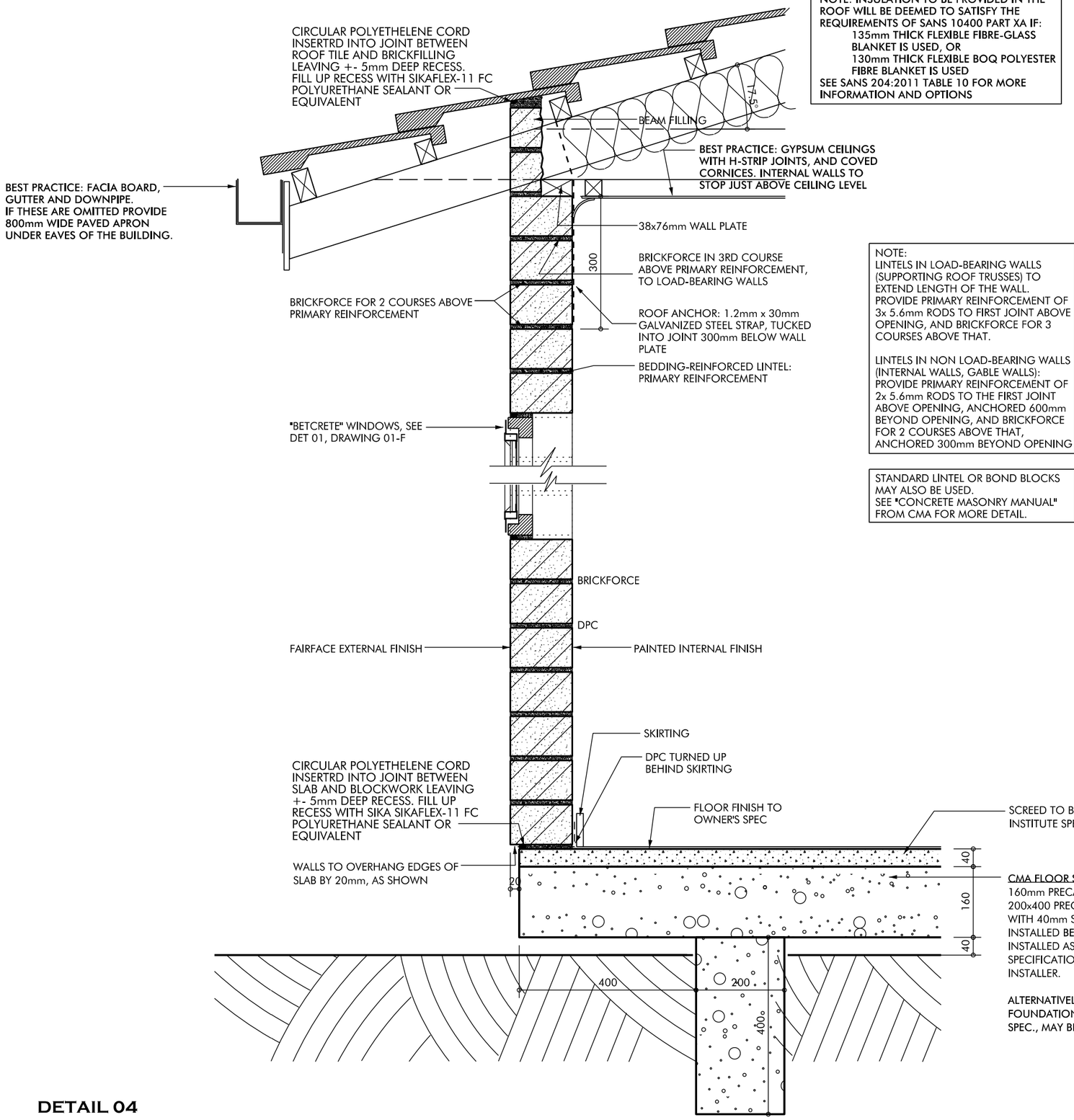


NOTE: INSULATION TO BE PROVIDED IN THE ROOF WILL BE DEEMED TO SATISFY THE REQUIREMENTS OF SANS 10400 PART XA IF:
- 135mm THICK FLEXIBLE FIBRE-GLASS BLANKET IS USED, OR
- 130mm THICK FLEXIBLE BOQ POLYESTER FIBRE BLANKET IS USED

SEE SANS 204:2011 TABLE 10 FOR MORE INFORMATION AND OPTIONS

NOTE:
LINTELS IN LOAD-BEARING WALLS (SUPPORTING ROOF TRUSSES) TO EXTEND LENGTH OF THE WALL. PROVIDE PRIMARY REINFORCEMENT OF 3x 5.6mm RODS TO FIRST JOINT ABOVE OPENING, AND BRICKFORCE FOR 3 COURSES ABOVE THAT.

LINTELS IN NON LOAD-BEARING WALLS (INTERNAL WALLS, GABLE WALLS): PROVIDE PRIMARY REINFORCEMENT OF 2x 5.6mm RODS TO THE FIRST JOINT ABOVE OPENING, ANCHORED 600mm BEYOND OPENING, AND BRICKFORCE FOR 2 COURSES ABOVE THAT, ANCHORED 300mm BEYOND OPENING

STANDARD LINTEL OR BOND BLOCKS MAY ALSO BE USED.
SEE "CONCRETE MASONRY MANUAL" FROM CMA FOR MORE DETAIL.

CMA FLOOR SYSTEM:
160mm PRECAST FLOOR PANELS, OVER 2No 200x400 PRECAST CONCRETE FOOTINGS, WITH 40mm SCREED OVER (SCREED TO BE INSTALLED BEFORE WALLS ARE ERECTED). ALL INSTALLED AS PER MANUFACTURER'S SPECIFICATION AND BY APPROVED INSTALLER.

ALTERNATIVELY, POWERFLOATED RAFT FOUNDATION, AS PER STR. ENG. DET. & SPEC., MAY BE USED

DETAIL 04
DETAIL THROUGH BUILDING ENVELOPE
SCALE 1:10

DIMENSIONS NOT TO BE SCALED FROM THIS DRAWING.

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO UNDERTAKING THE WORKS.

revisions

R	DATE	INIT	DESCRIPTION
B	05-12-11	ISIA	FIRST ISSUE

notes

DISCLAIMER:

THIS DESIGN IS NOT SITE-SPECIFIC. INDIVIDUAL SITE CONDITIONS MAY NECESSITATE ADJUSTMENTS TO THE LAYOUT. THIS ALSO APPLIES TO POSSIBLE FUTURE EXTENSIONS INDICATED.

NOTE THAT ORIENTATION HAS NOT BEEN SPECIFIED. IDEAL RANGE HAS BEEN INDICATED.

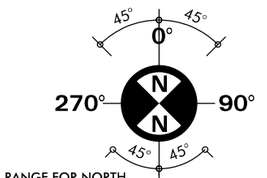
NOTE THAT THIS IS A GENERAL DESIGN. THUS ANY SPECIFICATIONS, FURNITURE LAYOUTS, FITTINGS AND FINISHES ARE IN THE FORM OF SUGGESTIONS ONLY.

THIS SET OF DRAWINGS IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING PUBLICATIONS:
-SANS 10400
-LOCAL TOWNPLANNING SCHEME
-NHBRS HOME BUILDING MANUALS
-CMA CONCRETE MASONRY MANUAL
-CMA BLOCK MASON'S SITE MANUAL
-CMA DETAILING OF CONCRETE MASONRY
-CMA BUILD YOUR HOUSE STEP BY STEP
-SPECIFICATION BROCHURES FOR SCREEDS, MORTAR, SKIM PLASTER, ETC. ALL AS PUBLISHED BY THE CEMENT AND CONCRETE INSTITUTE

THIS SET OF DRAWINGS IS A FREE RESOURCE TO BE USED AT DEVELOPER'S OWN RISK.

THE CONCRETE MANUFACTURER'S ASSOCIATION AND THE ARCHITECT TAKE NO RESPONSIBILITY FOR INACURATE OR OUTDATED INFORMATION, COMPLIANCE WITH LOCAL AUTHORITY, OR REGIONAL SPECIFICATIONS.

THE CONCRETE MANUFACTURER'S ASSOCIATION AND THE ARCHITECT TAKE NO RESPONSIBILITY FOR ANY DEFECTS IN BUILDINGS CONSTRUCTED USING THIS RESOURCE



RANGE FOR NORTH ORIENTATION
180°
OPTIMUM: NORTH AT 0° OR 180°

CLIENT

CONCRETE MANUFACTURERS ASSOCIATION
Quality cast in concrete
Tel: 011 805 6742; Fax: 086 524 9216
Web site: www.cma.org.za

PROJECT
PROPOSED CMA HOUSE
TYPE B - INLAND - 39.5M²
Proposed New Residence for _____
Erf _____

TITLE
DETAIL THROUGH BUILDING ENVELOPE

DRAWN	DATE:	SCALE:	JOB NO:
ISIA	SEPT'11	AS SHOWN	11-02

DWG. NO: **05-D** REV. **B**