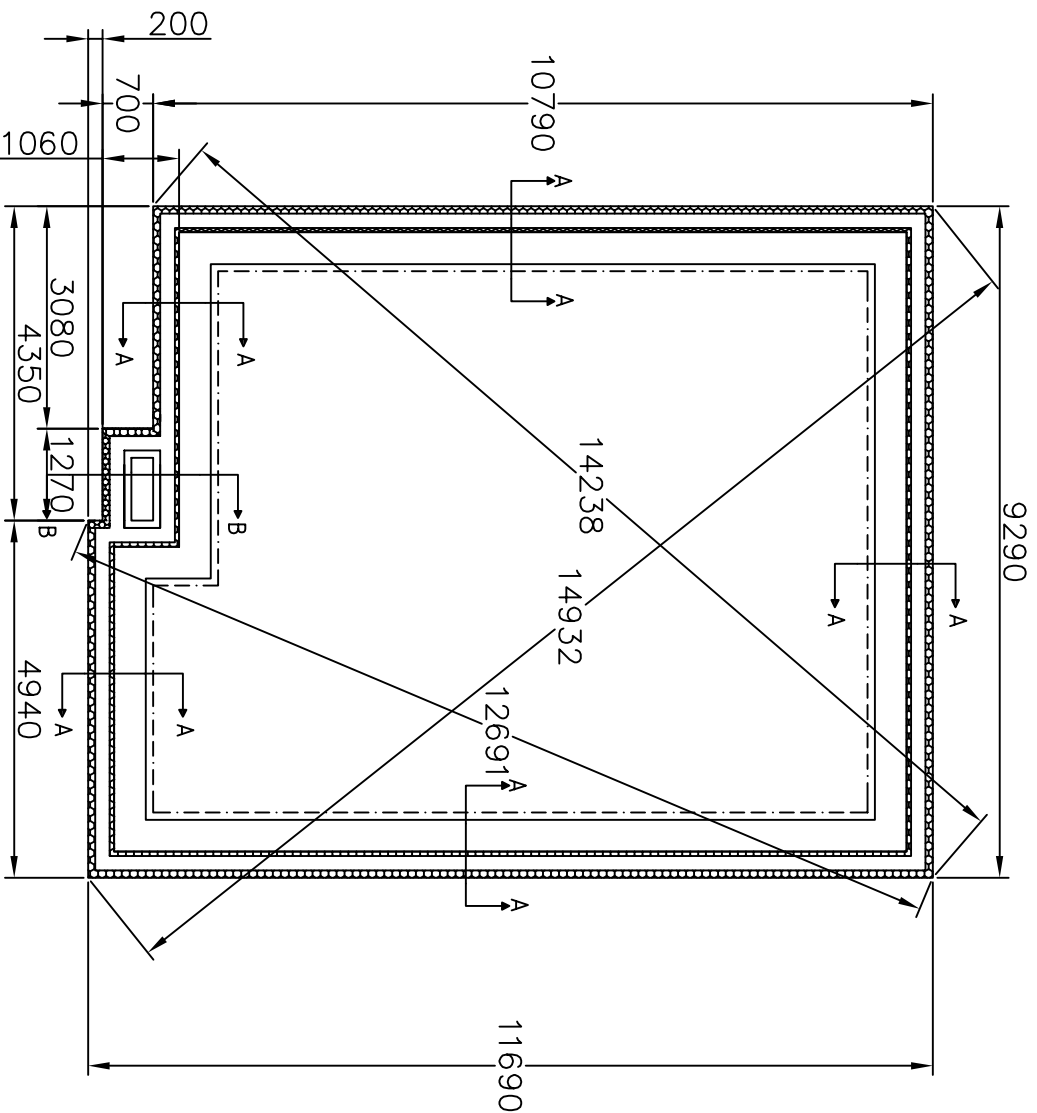


ADVANCED FOUNDATION TECHNOLOGY



Foundationplan

DIRECTIONS

GENERAL
ALL MEASUREMENTS IN MM
REGULATIONS
ENR CODE WITH APPLICABLE NA

GEOTECHNICS
ASSUMED BEARING RESISTANCE OF THE SOIL:
100 kPa IF LOAD COMBINATIONS ARE
CALCULATED ACCORDING TO EUROCODE.
IN CASE OF ANY UNCERTAINTY CONCERNING
THE BEARING RESISTANCE OF THE SOIL, A
GEOTECHNICAL DESIGN REPORT IS REQUIRED.
DRAINAGE

DRAINPIPES (Ø100/117) ARE REQUIRED ALONG
THE PERIMETER OF THE FOUNDATIONS. MINIMUM
SLOPE: 1:200 TOWARDS RELIEF WELL.
THE MAXIMUM LEVEL OF THE BOTTOM OF THE
DRAINPIPES SHALL BE BELOW THE DRAINAGE
RELIEF WELL AT LOWEST LEVEL AND A
FLUSHING PIPE AT HIGHEST LEVEL ARE
REQUIRED.
MINIMUM THICKNESS OF DRAINAGE COURSE:
DOUBLE HEIGHT OF CAPLLARY RISE FOR THE
APPLIED DRAINAGE COURSE.

CONCRETE
CONCRETE SPECIFICATION
EXPOSURE CLASS: XCl
DESIGNATED CONCRETE C25/30
MAX WATER-CEMENT RATIO 0.55
REINFORCEMENT

B500B
COVER: 30 MM TO EPS, 50 MM TO SOIL, 25 MM IN
OTHER CASES.
LAP LENGTH
Ø12: 500 MM
Ø17: 600 MM
THE LONGITUDINAL DISTANCE BETWEEN TWO
ADJACENT LAPS SHOULD NOT BE LESS THAN
0.3 TIMES THE LAP LENGTH.

MESH OVERLAPS ACC. TO FIGURE
SLOPE TOWARDS FLOOR DRAIN IN BATH ROOMS
IS REQUIRED.

THE RELATIVE HUMIDITY (RH) OF THE SLAB
SHALL BE MEASURED BEFORE THE APPLICATION OF
ANY FLOORING MATERIAL.
THE MEASURED VALUE SHALL BE BELOW THE
MAXIMUM VALUE SPECIFIED BY THE SUPPLIER

REF	DESCRIPTION	UNIT	QTY
1	FOUNDATION PLAN	1	1

Final drawing

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DESIGNED BY	CHECKED BY	DATE
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FOUNDATION PLAN
SCALE: K01