

1. CONCRETE MIX: RAFT - 30Mpa/19mm WITH LOW WATER CEMENT RATIO OF ≤ 0.55
BASES - 25Mpa/19mm
BLINDING - 15Mpa/19mm
2. THE RAFT SHALL NOT BE CAST PRIOR TO APPROVAL OF THE SUITABLE SUBGRADE AND COMPACTED
3. THE FLOOR SHALL BE WET CURED FOR 5 DAYS
4. THE CONTRACTOR MUST REMOVE ALL FOREIGN MATERIAL AND LOOSE MATERIAL FROM PLATFORMS BEFORE CONSTRUCTION COMMENCES
5. TRIM PLATFORMS TO CORRECT LEVELS AND DISPOSE OF EXCESS MATERIAL TO MAINTAIN THE REQUIRED QUALITY AND COMPACT TO 50% MOD AASHTO DENSITY
6. CONSTRUCT A 5mm THICK CLEAR RIVER SAND BEDDING COURSE TO FLOOR OF RAFT
7. REINFORCE WITH 10mm DIA BARS TO 50% MOD AASHTO DENSITY BEFORE REBAR OR JDN IS INSTALLED THIS DRAWING TO BE READ IN CONJUNCTION WITH THE REINFORCEMENT DRAWING
8. ENGINEER TO APPROVE REINFORCEMENT PRIOR TO INSTALLATION
9. THE CONTRACTOR TO INSPECT ALL FOUNDATIONS EXCAVATIONS PRIOR TO POURING BLINDING
10. ALL FORMED SURFACES SHALL BE SMOOTH TO 3mm SHUTTER UNLESS HIDDEN

CONCRETE COVER:

1. RAFT FOUNDATION BEAMS SIDES - 40mm
2. RAFT FOUNDATION SLAB TOP - 25mm
3. RAFT FOUNDATION SOFFIT - 40mm

DEGREE OF ACCURACY:

1. ALL CONCRETE WORK TO DEGREE ACCURACY II
2. ALL SURFACES FORMED WITH SMOOTH SHUTTERING FOR OFF SHUTTER CONCRETE TO BE DEGREE OF ACCURACY I

REBAR ESTIMATE:
1. 97Kg/m³ CONCRETE

ECSA REG NO: 20
NHBRG REG NO: 1

Class



STRUCTURES

Drawn	Designed	Checked	SIZE
AJ	LM	MM	Al

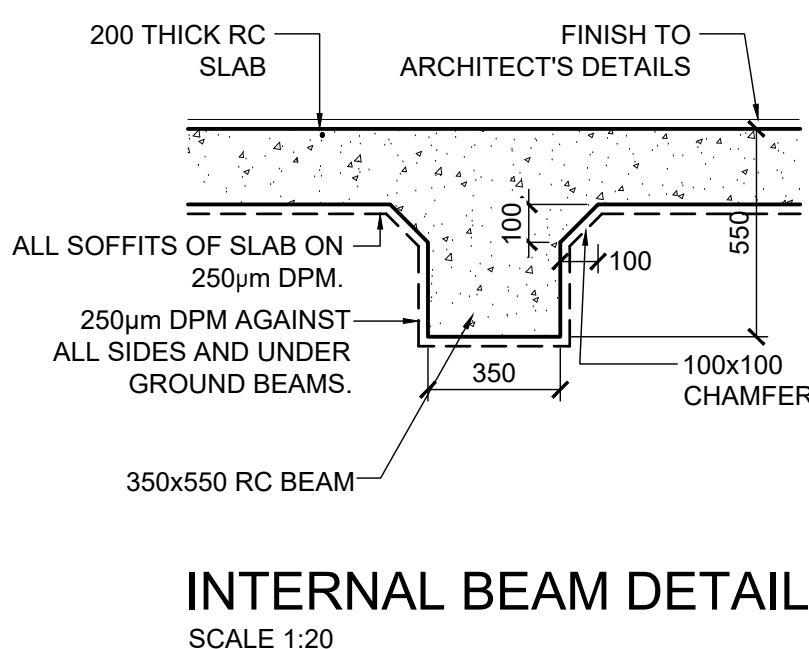
D-FENCE FACTORY

FACTORY GROUND FLOOR LAYOUT & DETAILS

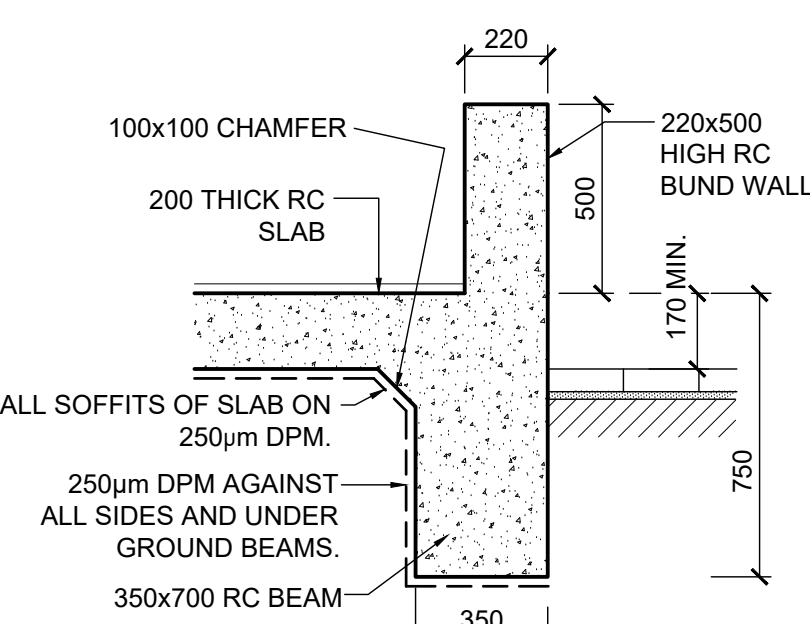
Scale	AS INDICATED	Date	AUG 2018
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Project No.	Drawing No.	Revision
	E032/300/001	D

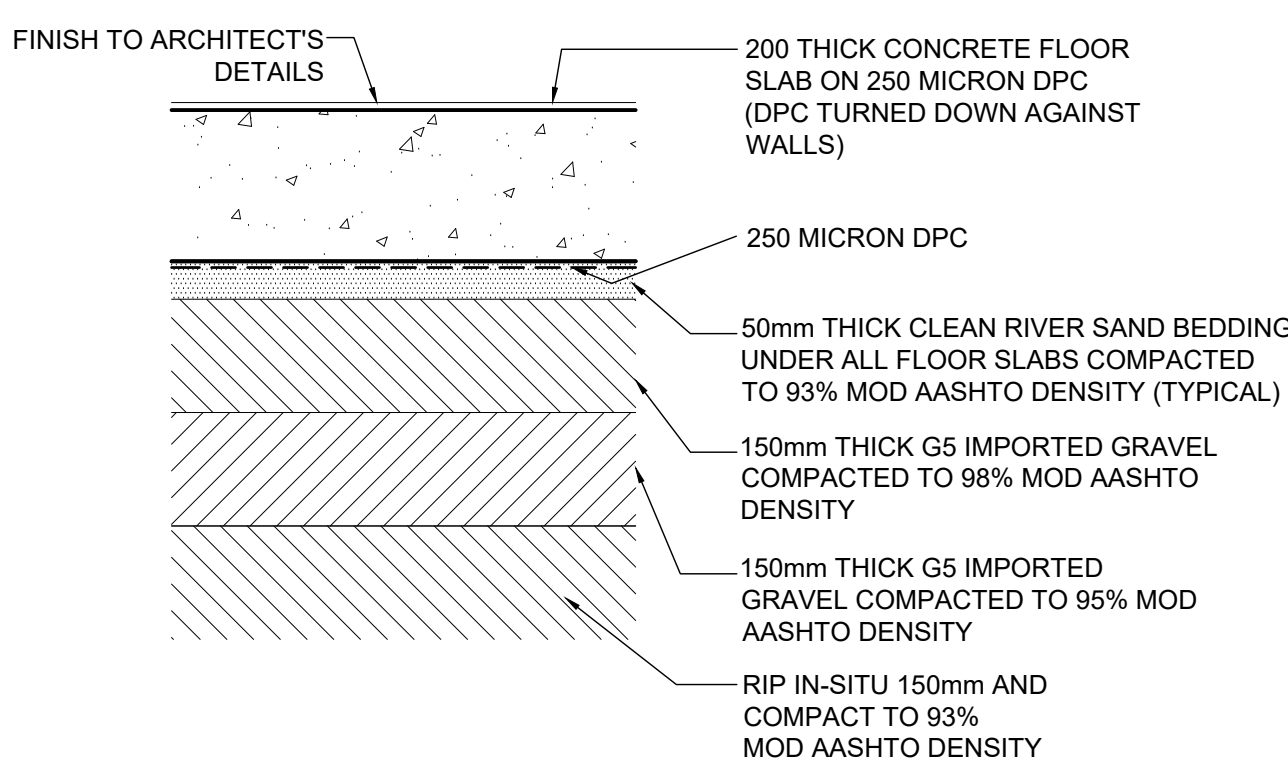
ISSUED FOR TENDER



INTERNAL BEAM DETAIL
SCALE 1:20



EXTERNAL BEAM DETAIL



LAYERWORKS DETAIL
N.T.S