

STRUCTURAL NOTES

- 1 Concrete mix will be S.R.C below slab id. O.P.C.
- 2 Design of foundation is based on allowable safe soil bearing capacity & A.D.A.K.N.Z.
- 3 Column reinforcement is to be 65mm
- 4 specified high yield hot rolled bars shall comply with B.S. 4461 or equivalent.
- 5 are comply with B.S.4469 or equivalent.
- 6 concrete up to top of structural glass sulphite resistant cement.
- 7 and above that there will be hollow blocks, below ground floor above slab id. O.P.C.
- 8 All concrete surfaces shall be painted with 2 coats 1mm thick black bitumin paint.
- 9 All concrete surfaces and block work ground floor shall be varnished with 100gauge polyvinyl membrane.
- 10 Design with 100gauge polyvinyl membrane of base.
- 11 At no section more than 25% of bars shall be stressed.
- 12 All cover blocks shall be circular and made of the same grade concrete as the main concrete. A 15mm thickness of 200mm minimum cover.
- 13 Strength of concrete mix (A) 45 N/mm² minimum cement content 370 kg/m³ for all conc. C below gr. fl.
- 14 Strength of concrete mix (B) O.P.C 25 N/mm² minimum cement content 350 kg/m³ for all conc. C on super structure.
- 15 Minimum cover 20mm for all conc. C on super structure.
- 16 Reinforcement cover 40 mm for exterior beams and columns.
- 17 Beams and columns 40 mm for exterior beams and columns.

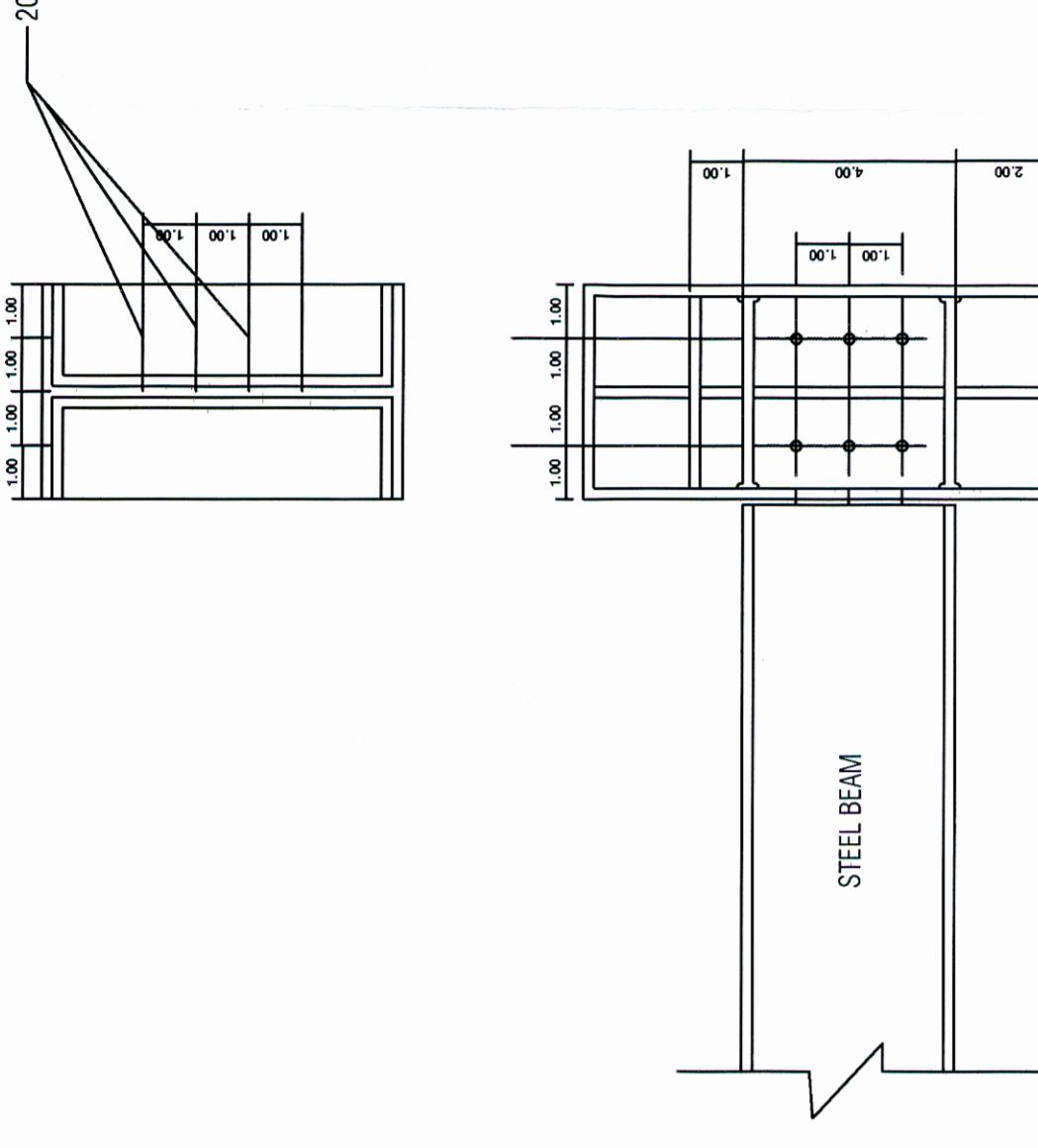
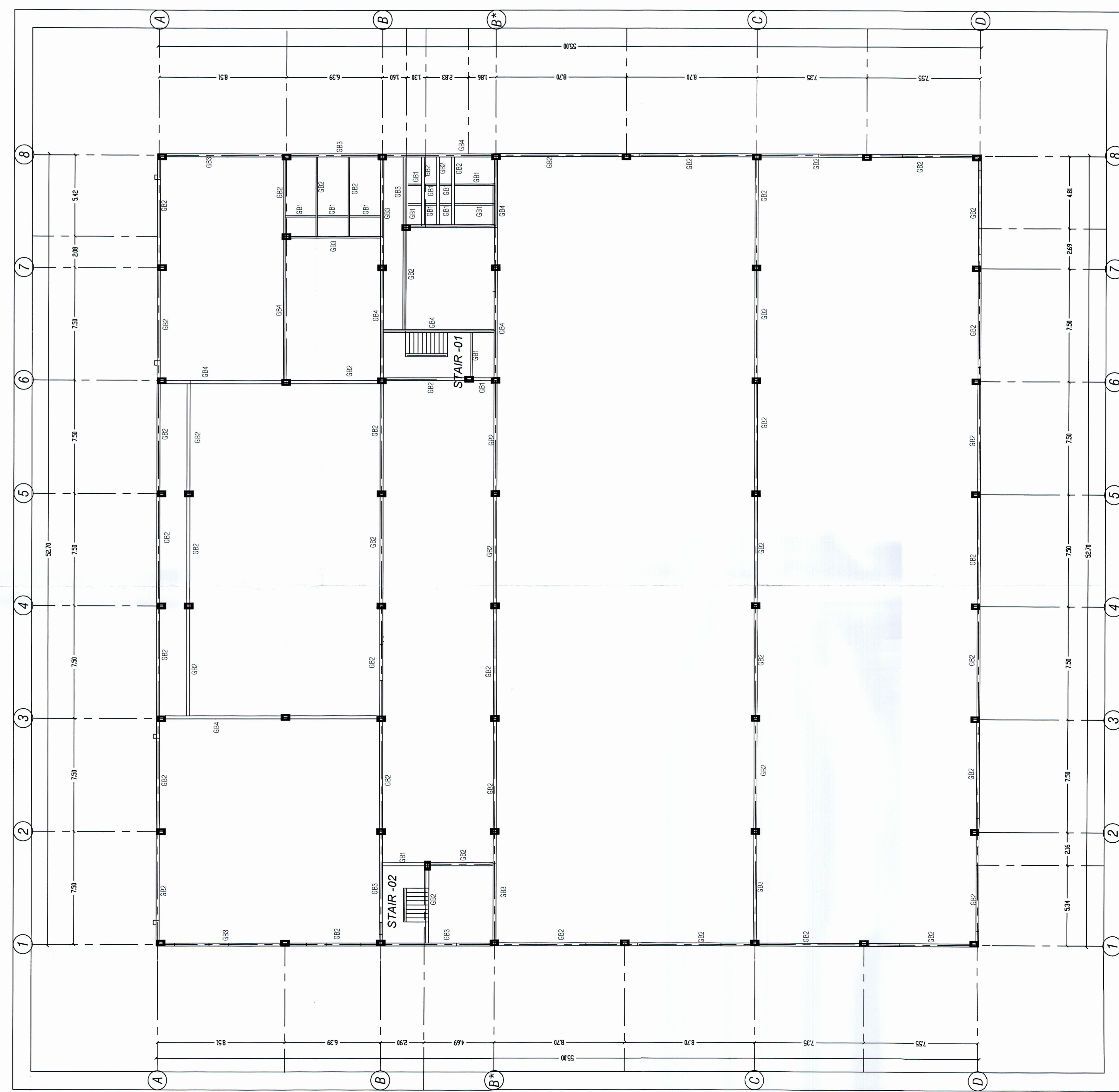


TABLE OF GROUND BEAMS

Type	Size	Reinforcement	Studs	Sheds
GB1	20x40	2714	CONC. A.M.A.	GB14
GB2	20x70	2714	CONC. A.M.A.	GB14
GB3	20x70	2716	CONC. A.M.A.	GB14
GB4	20x70	2716	CONC. A.M.A.	GB14
GB5	20x70	2716	CONC. A.M.A.	GB14
GB6	20x70	2716	CONC. A.M.A.	GB14
GB7	20x70	2716	CONC. A.M.A.	GB14
GB8	20x70	2716	CONC. A.M.A.	GB14



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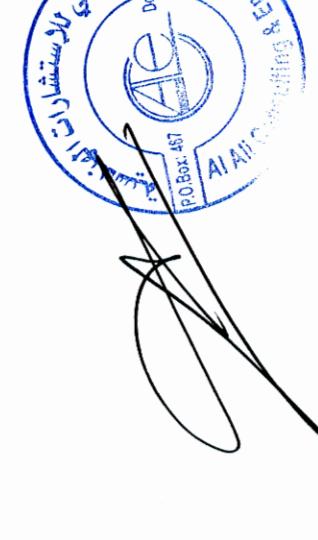
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ENG. ADNAN FAHAD AL NAIMI

OWNER:

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AGRI GREEN
FACTORY(G), OFFICE(G+1), STORE AND DINING ROOM

PROJECT:


Location: INDUSTRIAL AREA PIN No.: 81050365
Area: 81 Street: *** PLOT NO. 9079

TITLE: GROUND BEAMS LAYOUT

DETAIL OF STEEL COLUMN
SCALE: 1:10 (Dimensions in mm)