

NDTE:-1. Read this drawing along with architectural 2. Do not scale, follow written dimensions only. All dimension are in foot unless otherwise noted. 3. All dimensions & levels shall be checked & -relatedwith relevant architectural & structural that awing & i case of any ambiguity the matter shall be brought to the notice of the consultant before starting Grade of concrete shall be M-20 & shall confirming to IS: 456 - 2000. 5. Reinforcement steel shall be High Strength DeformedTMT bars as per IS: 1786 - 1985 and having minimum yield strength of 500 N/mm2 and having elongation more than14.5%. Clear cover to main reinforcement shall be 50 mm r footing,40 mm for column, 25 mm for Beam and 20 mm for slab. Side cover of footing shall be 75mm. 7. Not more than 50% of bars shall be lapped at any $\frac{3}{2}$. Lap length shall be equal to Ld = 57 times smaller ia of bars and shall be avoided in following cases -Top bars - near support, Bottom bars - near midspan. ²²9. Wherever necessary chairs shall be provided to support the top reinforcement in position. 10. All concrete shall be machine mixed and machine 11. Sufficient concrete cube test and steel yield strength test is to be performed for different batches & report shall be submitted to proper authority. 12. Use 10% extra cement in concrete for casting 13. Bearing Capacity of the soil is below Ground level as per given by client. 14. Foundation has been designed for 15. Ld means 57 times of dia of bars. 16. Structure is designed for earthquake zone IV 17. For any ambiguity, discripancy, deficient provision (if any felt necessary) etc must be brought to the notice of consultant/design office for clarification and work must be carried out after obtaining approval from R.S Consultant AREA :- 30 DECIMAL

SOUTH:- 12' WIDE ROAD EAST:- SAME PLOT

SHEET NO :-01 | SIMDEGA

RESIDENTIAL HOUSE Submission plan