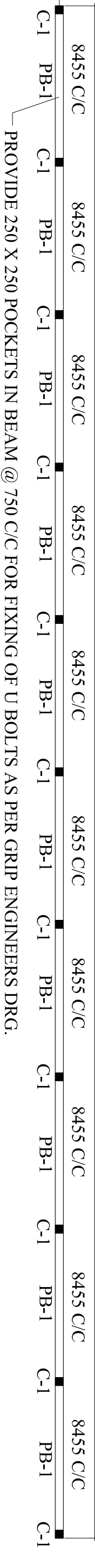


**BAY LENGTH  
85000 O/O**



30000 C/C

**PLAN FOR RAIL LINE FONDATION OF 5.0 T GOLIATH CRANE  
COLUMNS LAYOUT PLAN  
COL C-1 = 450 X 450  
BEAM PB-1 = 450 X 750 (AT PLINTH LVL)**

- NOTE :-**
- 1.USE M-25 CONG.
  - 2.USE TMT STEEL GRADE Fe 500
  - 3.MINIMUM COVER TO STEEL REINF  
IN COLUMNS = 40 mm  
IN FOOTINGS = 60 mm  
IN WALLS = 40 mm
  - 4.LAP LENGTH FOR BARS = 50XDIA OF BAR
  5. ALL DIMENSIONS TO BE FOLLOWED AS PER ARCHITECTURAL DRAWINGS.

PROJECT:- M/S ISGEC HEAVY ENGG. WORKS AT RATTANGARH UNIT, YAUMNA NAGAR	
DRG TITLE:- COLUMNS & BEAM LAYOUT PLAN FOR GOLIATH CRANE LINE FOUNDATION	
DRG NO:- STD-02	CHD BY.
DRN BY:- MAHESH	DATE:-31 01 2015
STRUCTURE CONSULTANTS <b>A. S. PAIK &amp; ASSOCIATES</b> 1891/A MAHARAJ NAGAR CIRCUIT HOUSE ROAD, LUDHIANA. PH : 2402859 94170-32859	