

SCHEDULE OF SLAB (S1)
SLAB THICKNESS AS MENTIONED :- 115 MM (M20 AND FE 500)
(ALONG SHORTER DIRECTION)

| | |
|---------|---|
| SPAN | 8mm@ 165mm c/c at span & alternately curtailed at L/4 from beam |
| SUPPORT | 8mm@ 150mm c/c at top of support & extended upto L/3 from beam. |

SLAB THICKNESS AS MENTIONED :- 115 MM (M20 AND FE 500)
(ALONG LONGER DIRECTION)

| | |
|---------|---|
| SPAN | 8mm@ 175mm c/c at span & alternately curtailed at L/4 from beam |
| SUPPORT | 8mm@ 165mm c/c at top of support & extended upto L/3 from beam. |

SCHEDULE OF SLAB (S2)
SLAB THICKNESS AS MENTIONED :- 150 MM (M20 AND FE 500)
(ALONG SHORTER DIRECTION)

| | |
|---------|---|
| SPAN | 8mm@ 135mm c/c at span & alternately curtailed at L/4 from beam |
| SUPPORT | 8mm@ 125mm c/c at top of support & extended upto L/3 from beam. |

SLAB THICKNESS AS MENTIONED :- 150 MM (M20 AND FE 500)
(ALONG LONGER DIRECTION)

| | |
|---------|---|
| SPAN | 8mm@ 150mm c/c at span & alternately curtailed at L/4 from beam |
| SUPPORT | 8mm@ 135mm c/c at top of support & extended upto L/3 from beam. |

SCHEDULE OF FLOOR BEAM (M20 AND FE 500)

| MKD. | SIZE (MMxMM) | TOP | | BOT. | | STIRRUPS (2 LEGGED) | |
|------|--------------|------|---------------|------|--------------|---------------------|-------------|
| | | ALTH | EXT(AT SUPT.) | ALTH | EXT(MD SPAN) | AT SUPPORT | AT SPAN |
| B1 | 250x400 | 2-16 | 1-16 | 2-16 | 1-16 | 8@125mm C/C | 8@150mm C/C |
| B2 | 250x400 | 2-16 | 2-16 | 2-16 | 2-16 | 8@125mm C/C | 8@150mm C/C |
| B3 | 250x450 | 3-16 | 2-20 | 4-20 | - | 8@125mm C/C | 8@150mm C/C |
| B4 | 250x400 | 2-16 | 2-20 | 4-16 | - | 8@125mm C/C | 8@150mm C/C |
| B5 | 250x400 | 2-16 | 1-16 | 3-16 | - | 8@125mm C/C | 8@150mm C/C |
| B6 | 250x400 | 4-16 | - | 4-16 | - | 8@125mm C/C | 8@150mm C/C |
| B7 | 250x400 | 2-16 | 1-16 | 3-16 | - | 8@125mm C/C | 8@150mm C/C |
| B8 | 250x400 | 3-16 | 2-16 | 2-16 | 2-16 | 8@125mm C/C | 8@150mm C/C |
| B8A | 250x400 | 5-16 | - | 4-16 | - | 8@125mm C/C | 8@150mm C/C |
| B9 | 250x400 | 2-16 | 1-16 | 3-16 | - | 8@125mm C/C | 8@150mm C/C |

SCHEDULE OF COLUMN :- (M25 AND FE 500)

| COLUMN NOS. | GR. OF CONCRETE. | M-25 | | STIRRUPS |
|-------------|------------------|-----------------------|------------------|--|
| | | FOUNDATION TO 2ND FL. | 2ND FL. TO ROOF. | |
| C1 | 250x400 | 4-16@4-120 | 4-16@4-120 | 8mm @200mm C/C spaced @ 100 mm c/c near junctions. |
| C2 | 250x400 | 6-16@2-120 | 4-16@4-120 | |
| C3 | 250x400 | 6-16@2-120 | 4-16@4-120 | |
| C4 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C5 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C6 | 250x400 | 6-16@2-120 | 4-16@4-120 | |
| C7 | 250x550 | 6-16@4-120 | 4-16@4-120 | |
| C8 | 250x400 | 6-16@2-120 | 4-16@4-120 | |
| C9 | 250x400 | 6-16@2-120 | 4-16@4-120 | |
| C10 | 250x400 | 6-16@2-120 | 4-16@4-120 | |
| C11 | 250x400 | 8-16 | 6-16@2-120 | |
| C12 | 250x400 | 6-16@4-120 | 4-16@4-120 | |
| C13 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C14 | 250x450 | 4-20@4-160 | 16-16 | |
| C15 | 250x550 | 12-16 | 12-16 | |
| C16 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C17 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C18 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C19 | 250x400 | 8-16 | 6-16@2-120 | |
| C20 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C21 | 250x450 | 4-16@4-120 | 4-16@4-120 | |
| C22 | 250x400 | 10-16 | 10-16 | |
| C23 | 250x625 | 12-16 | 8-16@4-120 | |
| C24 | 250x450 | 8-16 | 8-16 | |
| C25 | 250x400 | 6-16@2-120 | 6-16@2-120 | |
| C26 | 250x400 | 10-16 | 10-16 | |
| C27 | 250x650 | 12-16 | 12-16 | |
| C28 | 250x475 | 10-16 | 10-16 | |
| C29 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C30 | 250x400 | 8-16 | 6-16@2-120 | |
| C31 | 250x400 | 8-16 | 6-16@2-120 | |
| C32 | 250x400 | 8-16 | 6-16@2-120 | |
| C33 | 250x400 | 8-16 | 6-16@2-120 | |
| C34 | 250x400 | 8-20 | 4-20@4-160 | |
| C35 | 250x400 | 8-20 | 4-20@4-160 | |
| C36 | 250x400 | 8-20 | 4-20@4-160 | |
| C37 | 250x450 | 4-16@4-120 | 4-16@4-120 | |
| C38 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C39 | 250x550 | 10-16 | 10-16 | |
| C40 | 250x400 | 8-16 | 8-16 | |
| C41 | 250x400 | 8-16 | 8-16 | |
| C42 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C43 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C44 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C45 | 250x400 | 8-16 | 6-16@2-120 | |
| C46 | 250x400 | 8-20 | 4-20@4-160 | |
| C47 | 250x400 | 8-20 | 4-20@4-160 | |
| C48 | 250x400 | 8-20 | 4-20@4-160 | |
| C49 | 250x400 | 8-16 | 6-16@2-120 | |
| C50 | 250x400 | 4-20@4-160 | 4-20@4-160 | |
| C51 | 250x400 | 4-20@4-160 | 4-20@4-160 | |
| C52 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C53 | 250x400 | 8-20 | 4-20@4-160 | |
| C54 | 250x400 | 4-20@4-160 | 4-20@4-160 | |
| C55 | 250x400 | 8-16 | 6-16@2-120 | |
| C56 | 250x400 | 4-20@4-160 | 8-16 | |
| C57 | 250x400 | 4-20@4-160 | 8-16 | |
| C58 | 250x400 | 8-16 | 6-16@2-120 | |
| C59 | 250x450 | 4-20@4-160 | 8-16 | |
| C60 | 250x400 | 8-16 | 4-16@4-120 | |
| C61 | 250x400 | 8-16 | 6-16@2-120 | |
| C62 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C63 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C64 | 250x400 | 8-16 | 6-16@2-120 | |
| C65 | 250x525 | 4-16@4-120 | 4-16@4-120 | |
| C66 | 250x400 | 4-16@4-120 | 4-16@4-120 | |
| C67 | 250x450 | 4-16@4-120 | 4-16@4-120 | |
| C68 | 250x400 | 4-16@4-120 | 4-16@4-120 | |

- NOTES :-**
1. ALL DIMENSIONS ARE IN MM
 2. ALL CONCRETE SHOULD BE OF GRADE M20 UNLESS SPECIFIED
 3. COVER TO REINFORCEMENT
COLUMN = 40mm , BEAM = 30mm
SLAB = 15mm , FOUNDATION = 50mm
 4. DEPTH OF EXCAVATION OF UNDER GROUND SUMP SHOULD BE ABOVE THAT OF FOUNDATION.
 5. DO NOT SCALE THE DRAWING. FOLLOW WITH DIMENSION.
 6. ALL WALLS ARE AS PER ARCHITECTURAL DRAWINGS.
 7. LEAN CONCRETE (1:3:6) NOMINAL MIX 75 THK. SHALL BE PROVIDED UNDER FOUNDATION.
 8. THE DRAWINGS SHOULD BE STUDIED CAREFULLY AND ALL DIMENSIONS SHOWN HERE SHOULD BE CHECKED AT SITE. CLARIFICATION REGARDING DISCREPANCY IF ANY, SHOULD BE OBTAINED BEFORE COMMENCEMENT OF WORK.
 9. SPACER BAR USED SHALL BE OF 20mm. OR DIAMETER OF THE BAR USED IN THE JOB WHICH IS LARGER.
 10. STEEL TO BE USED SHOULD BE OF Fe-500 GRADE. REINFORCEMENT SHOULD BE WITH COLD TWISTED DEFORMED BARS, CONFORMING TO IS :- 1786 AND HAVE BEEN SHOWN AS K.
 11. DEPTH OF EXCAVATION OF UNDER GROUND SUMP/RESERVOIR SHOULD BE ABOVE THE DEPTH OF FOUNDATION OF THE ADJACENT BUILDING / STRUCTURE.
 12. LAP LENGTH OF STEEL BAR SHALL BE 50DIA OF BAR

THIS IS TO CERTIFY THAT WITH FULL REGARDANCE TO THE PLAN HAS BEEN DRAWN UP AS PER PROVISION OF 24 PARAGNAS(S) ZILLA PARISHAD BUILDING RULES AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

SUBIR C. SANJAL
E.S.E. NO. 007
E.B.A. NO. 056
UNDER RAJPUR SONARPUR MUNICIPALITY

SIGNATURE OF - E.B.A.

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BLDG. HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE IN ALL RESPECTS.

SUBIR C. SANJAL
E.S.E. NO. 007
E.B.A. NO. 056
UNDER RAJPUR SONARPUR MUNICIPALITY

SIGNATURE OF STRUCTURAL ENGINEER

Authorized Signatory
Rajpur Sonarpur
As a Lawfully Constituted Authority of
Sikha Sengupta, Arji Sengupta
Ananta Mahapatra
Sankar Roy Choudhury
Tapan Kumar Dewanjee
Swapan Kumar Dewanjee
Somnath Dewanjee, Utpal Dewanjee
Anuradha Dewanjee
Devika Guha Roy, Lipika Dewanjee

SIGNATURE OF OWNER

PROJECT
PROPOSED G+III STORIED RESIDENTIAL BUILDING
AT HOLDING NO.450, UTTER KUMRAKHALI, WARD
NO. 27, R.S. DAG - 413, L.R. DAG NO. - 432, R.S. KHATIAN
NO. 623,626, 1532, L.R. KHATION NO. 3042, 3043, 2840,
2841, 2842, 2843, 2838, 2837 & 2839, J.L. NO. 48, AT
MOUZA - KUMRAKHALI, P.S. SONARPUR, DIST. 24 PGS.
(S), UNDER RAJPUR SONARPUR MUNICIPALITY

OWNER'S NAME : **SRIARJIT SENGUPTA & OTHERS**

N TITLE: COLUMN/FLOOR BEAM LAYOUT PLAN
SCHEDULE & SECTION (BLOCK-1)

Sanyalson Associates
Consultant Pvt. Ltd.
CONSULTANT PLANNER & STRUCTURAL ENGINEERS
P-157 KANUNGO PARK KOLKATA-84

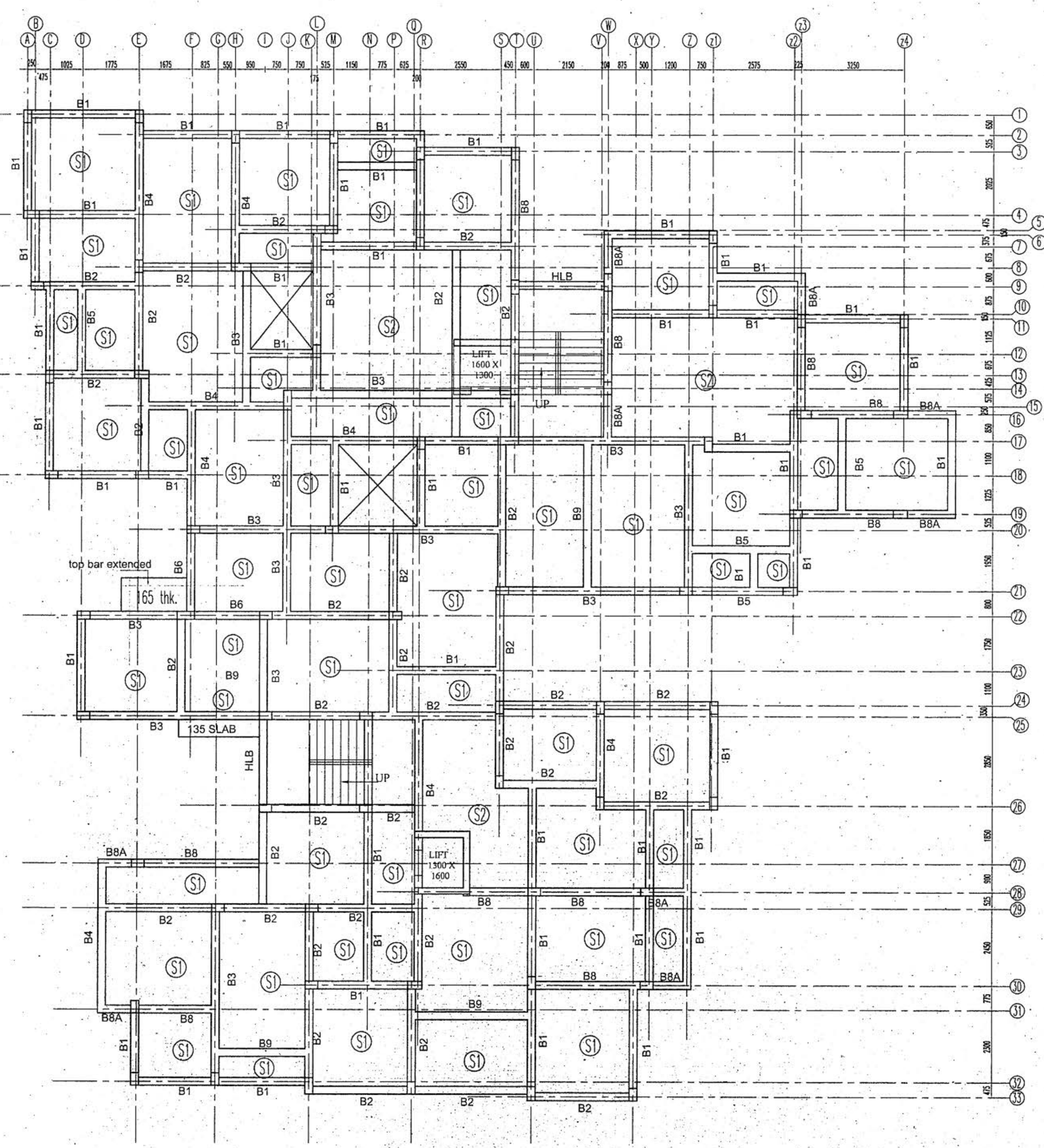
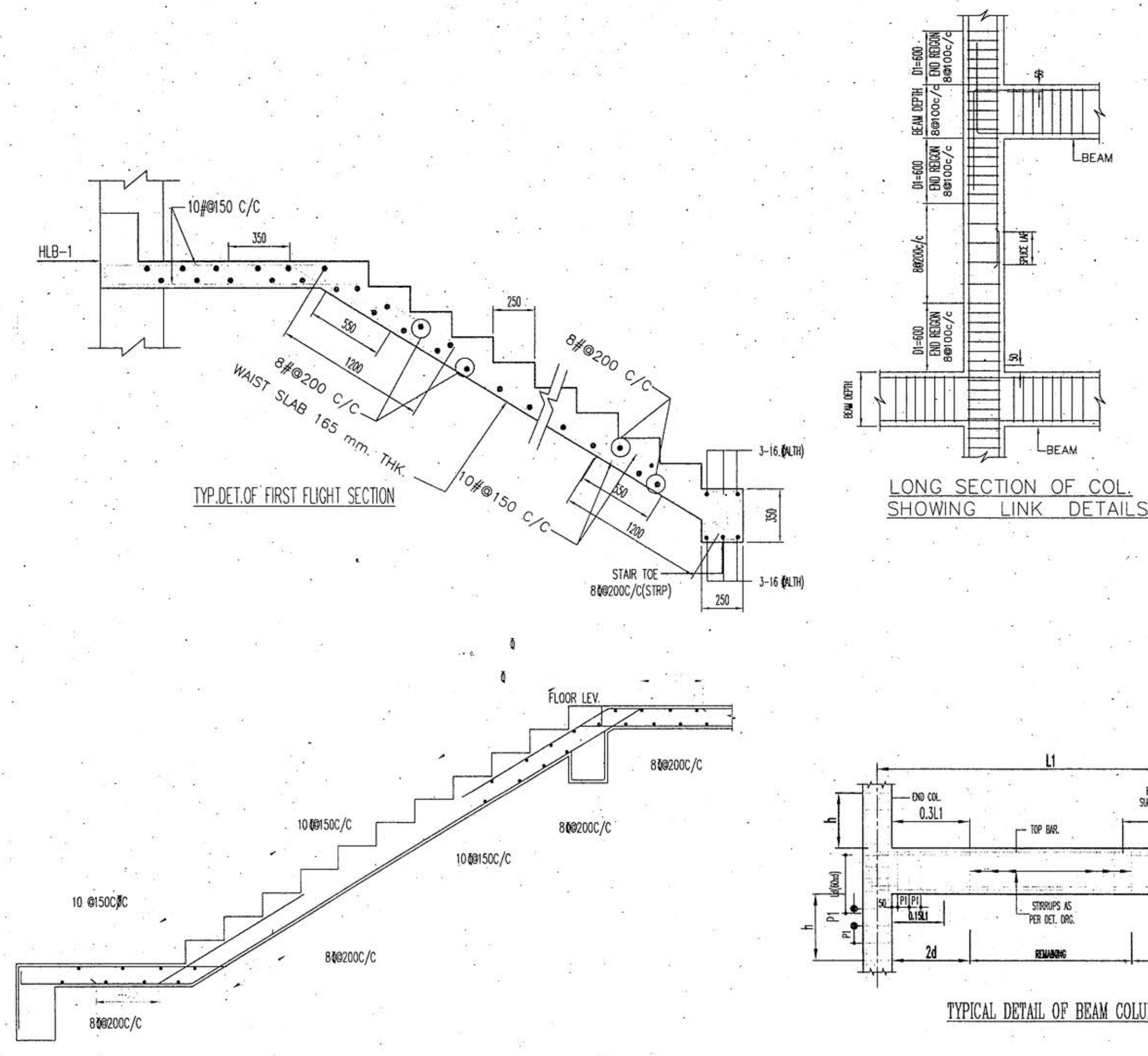
DWG NO.- STR- 02/02 Date- 02.04.14

APPROVAL OF S.A.E.
OFFICE USE ONLY

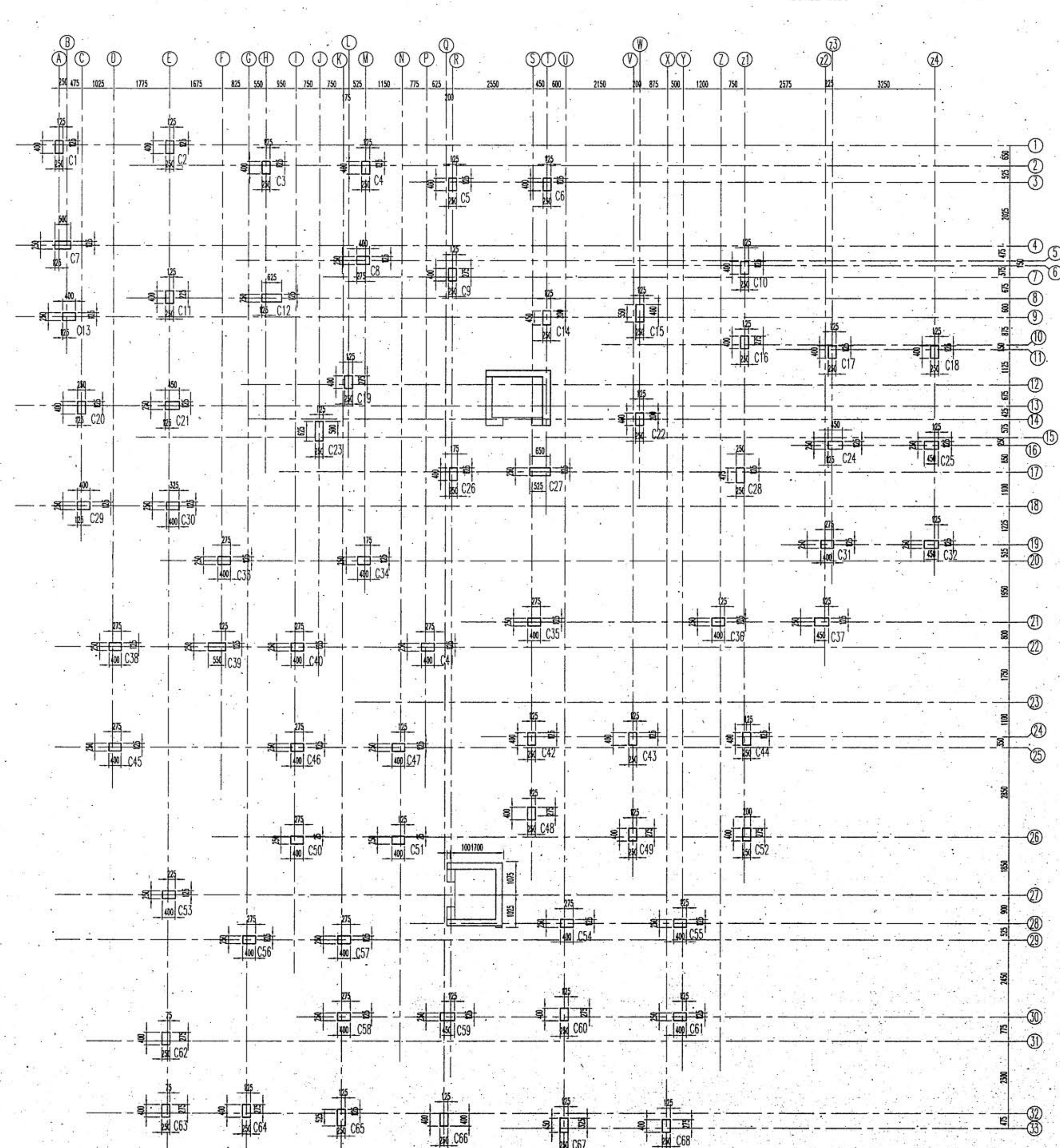
APPROVED
Plan No. 007/02/02/14 Dated 03/07/2014
Valid Upto 03/07/2017

Partha Gupta
Municipal Engineer
RAJPUR SONARPUR MUNICIPALITY

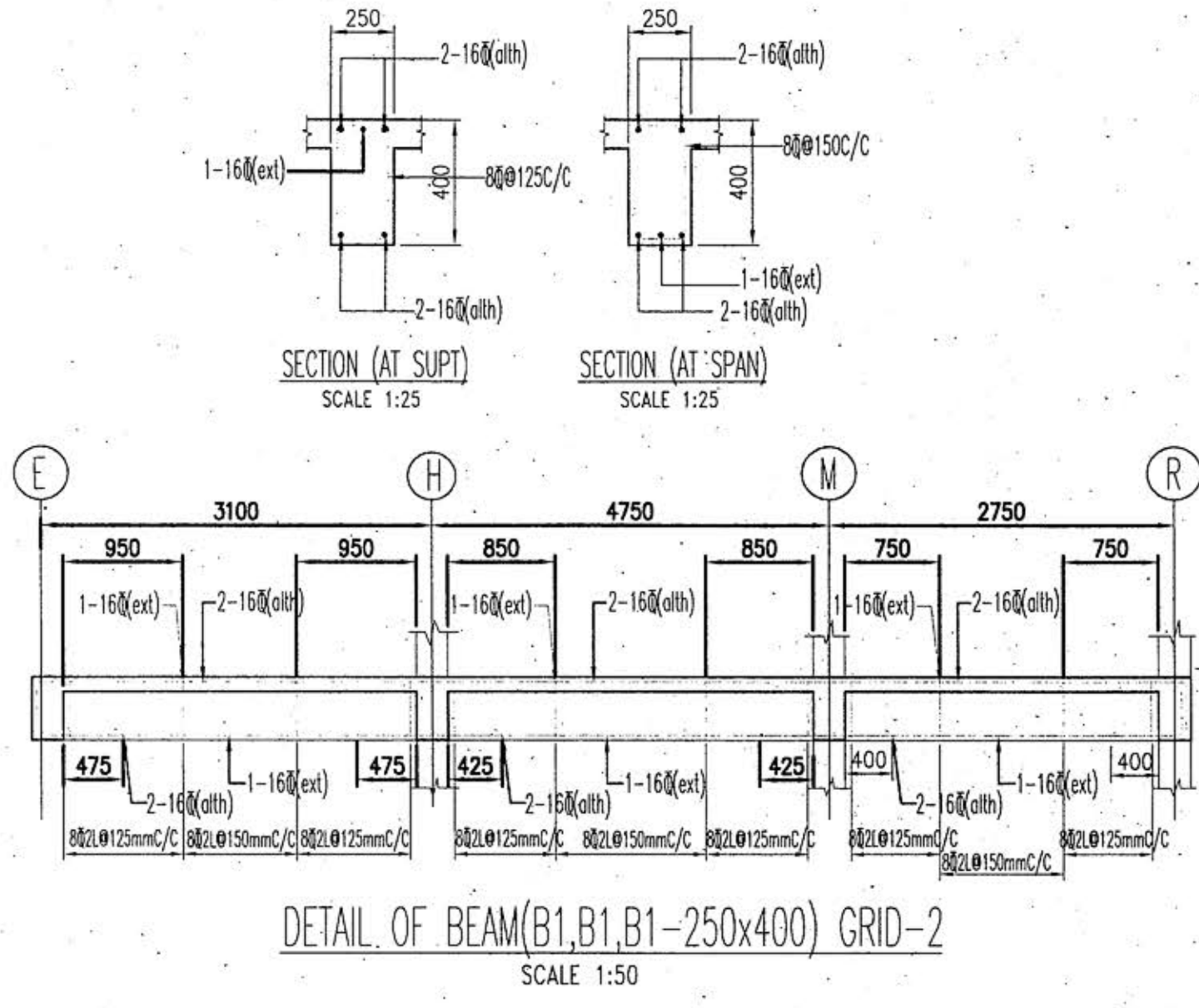
Chairman
RAJPUR SONARPUR MUNICIPALITY



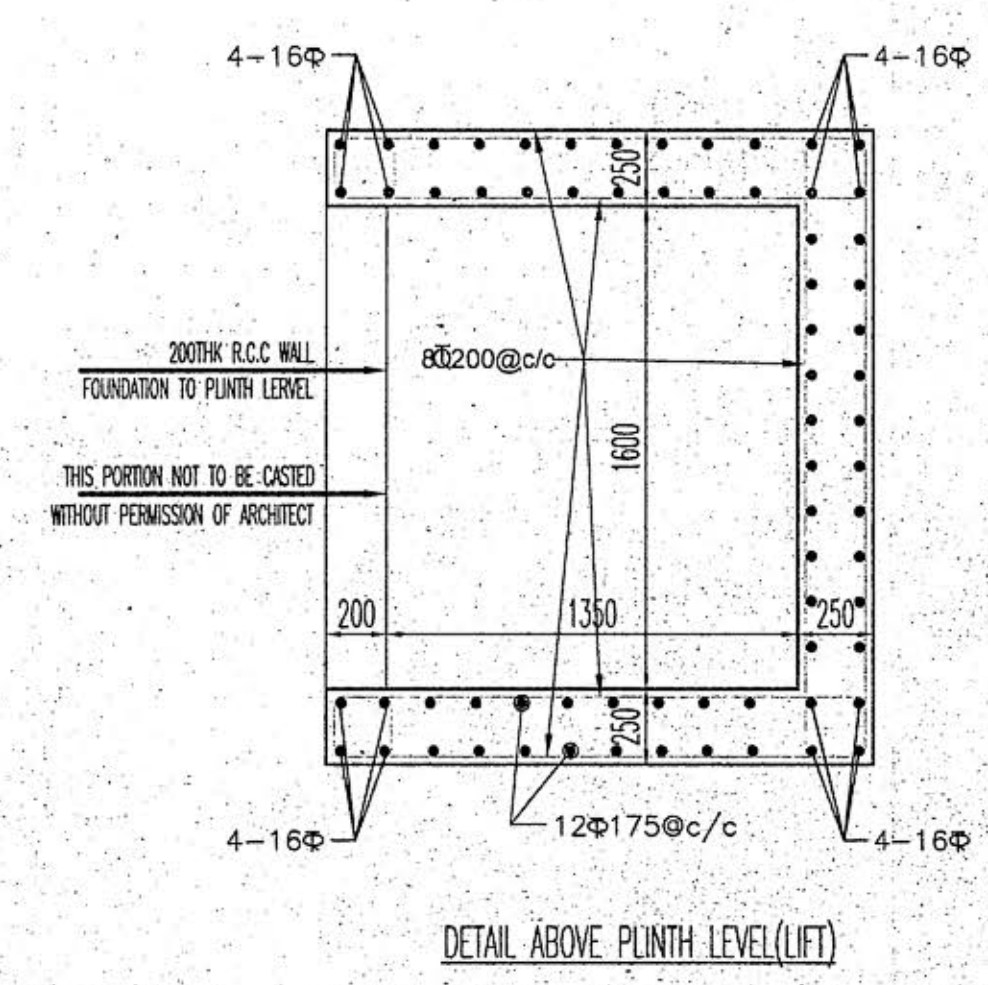
BEAM LAYOUT PLAN



COLUMN LAYOUT PLAN



DETAIL OF BEAM (B1, B1, B1-250x400) GRID-2
SCALE 1:50



DETAIL ABOVE PLINTH LEVEL (LEFT)