

**STRUCTURAL DRAWING.**

**SPECIFICATIONS:**

- 1) ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED
- 2) GRADE OF CONCRETE - M35
- 3) GRADE OF STEEL - HYSD (FR 500)
- 4) SUCH AS LAPLING COVER ETC. AS PER IS-456:2000
- 5) THE DRAWING IS TO BE READ IN CONNECTION WITH ARCHITECTURAL DRAWING
- 6) DO NOT SCALE THE DRAWING. WRITTEN DIMENSIONS ARE TO BE FOLLOWED
- 7) BASIS OF DESIGN ARE BOTH WORKING STRESS & LIMITING STRESS METHOD
- 8) ALL DIMENSIONS SHOULD BE CHECKED AT SITE
- 9) DRAWING SCALES - 1:100, 1:25
- 10) THIS DRAWING IS A PRIVATE & CONFIDENTIAL DOCUMENT OF THE ARCHITECT & ENGINEER WITH THEIR CONSENT
- AT - ALL THROUGHOUT - EXTRA TOP BR - EXTRA BOTTOM

I DO HEREBY CERTIFY THAT PLANS, ELEVATIONS, SECTIONS AND OTHER STRUCTURAL DETAILS OF THE PROPOSED BUILDING ON PLOT NO. 118, WARD NO. 10 (OLD) UNDER THE JURISDICTION OF PACHA MINDRA MUNICIPALITY HAVE BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF THE WEST BENGAL MUNICIPAL BUILDING RULES, 2007. THIS ALSO TO CERTIFY THAT ALL RELEVANT NO OBJECTION CERTIFICATE FROM SERVICES DEPARTMENT, AIRPORT POLLUTION CONTROL BOARD, TELEPHONE DEPARTMENT, WATER SUPPLY DEPARTMENT, FIRE DEPARTMENT, AND ALL CONCERNED WITH THE APPLICATION FOR SEEKING APPROVAL OF THE PLAN TO CONSTRUCT / RECONSTRUCT / ADDITION TO / ALTERATION OF THE BUILDING ON THE PLOT NO. 118, WARD NO. 10 (OLD) UNDER THE JURISDICTION OF PACHA MINDRA MUNICIPALITY HAVE BEEN PERSONALLY INSPECTED AND SO DESCRIBED BY MEASUREMENTS SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECTS SETTLEMENT OF SOIL OTHER CONDITIONS, IF ANY CONCERNING TO NATIONAL BUILDING CODE.

**DELTA CONSULTANTS**  
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 CP 154, SECTOR L, LAFITRAKE CITY, KOLKATA 700 064.  
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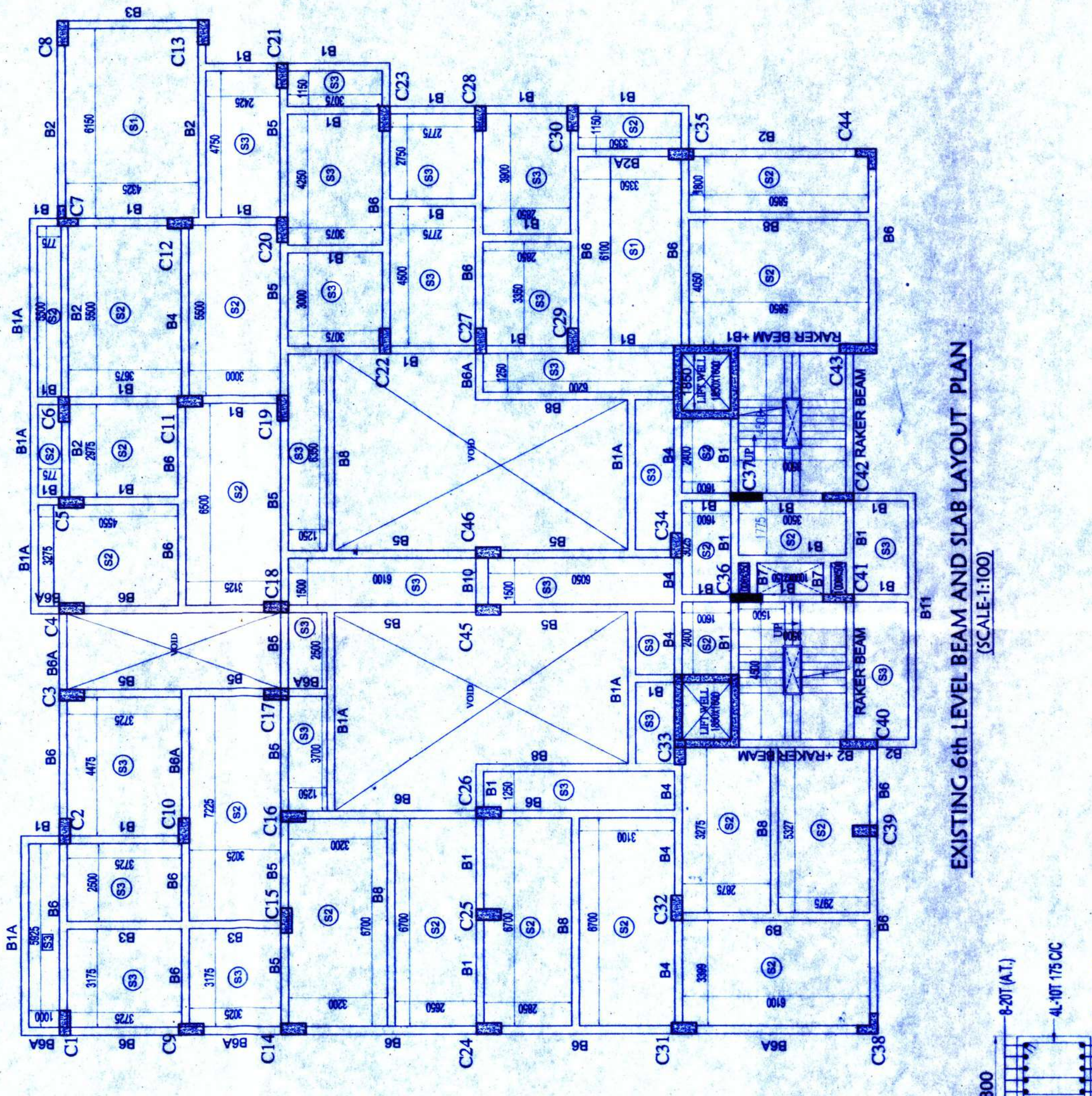
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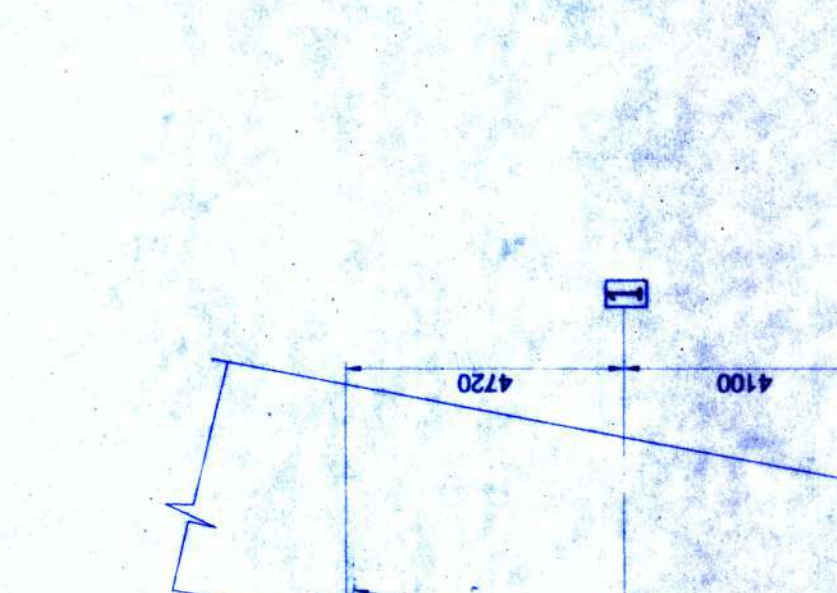
**SCHEDULE OF COLUMN (F=500, M=25)**

GROUP MKD	COLUMN MKD	SIZE OF COLUMN WITH REINFORCEMENTS (MAIN BAR & LINKS)	CS OF COLUMN	LINKS DETAILS
I	CE1, CE2, CE3 (3 NOS.)	SIZE: (250X500) LINKS: 21.8 Ø STIRRUPS @ 150 CC (2 SETS)	4-16T	4-16T
II	C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100	SIZE: (350X800) MAIN BAR: 10-20T #4-16T LINKS: 21.8 Ø STIRRUPS @ 150 CC (2 SETS) IL 9 Ø STIRRUPS @ 150 CC (2 SETS)	2-16T	2-16T
III	C10, C11, C16, C17, C19, C20, C22, C24, C25, C26, C27, C28, C29, C31, C32, C33, C35, C36, C37, C38, C39, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100	SIZE: (350X800) MAIN BAR: 10-20T #4-16T LINKS: 21.8 Ø STIRRUPS @ 150 CC (2 SETS) IL 9 Ø STIRRUPS @ 300 CC (4 SETS)	3-16T	3-16T
IV	C7, C38, C44 (3 NOS.)	SIZE: L-COLUMN MAIN BAR: 10-20T #4-16T LINKS: 21.8 Ø STIRRUPS @ 300 CC (4 SET) 21.8 Ø STIRRUPS @ 300 CC (2 SET)	3-16T	3-16T
V	C12, C45, C46 (3 NOS.)	SIZE: (350X800) MAIN BAR: 12-20T #6-16T LINKS: 21.8 Ø STIRRUPS @ 300 CC (3 SETS) 21.8 Ø STIRRUPS @ 300 CC (2 SETS)	3-16T	3-16T
VI	C36, C37, C41, C42 (4 NOS.)	SIZE: (350X1000) MAIN BAR: 12-20T #4-16T LINKS: 21.8 Ø STIRRUPS @ 150 CC (3 SETS) ALTERNATIVE IL 9 Ø STIRRUPS @ 150 CC (3 SETS)	3-16T	3-16T
VII	C40, C43 (2 NOS.)	SIZE: (300X1200) MAIN BAR: 24-16T LINKS: 21.8 Ø STIRRUPS @ 150 CC (4 SETS) ALTERNATIVE IL 9 Ø STIRRUPS @ 150 CC (6 SETS)	3-16T	3-16T
VIII	C11, C18 (2 NOS.)	SIZE: (350X800) MAIN BAR: 16-20T #4-16T LINKS: 21.8 Ø STIRRUPS @ 150 CC (3 SETS) ALTERNATIVE IL 9 Ø STIRRUPS @ 150 CC (1 SET)	8-20T	8-20T

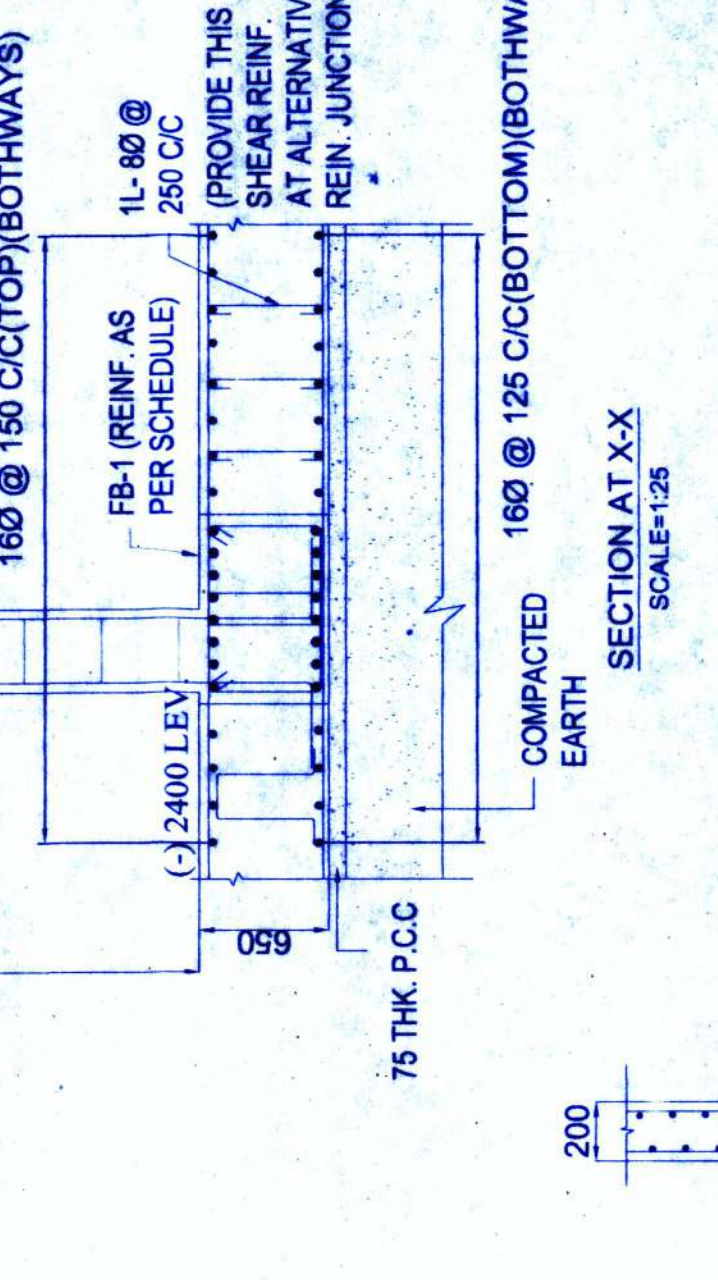
**EXISTING 6TH LEVEL BEAM AND SLAB LAYOUT PLAN (SCALE: 1:100)**



**FOUNDATION BEAM MKD AS FB-1 (SCALE: 1:25)**



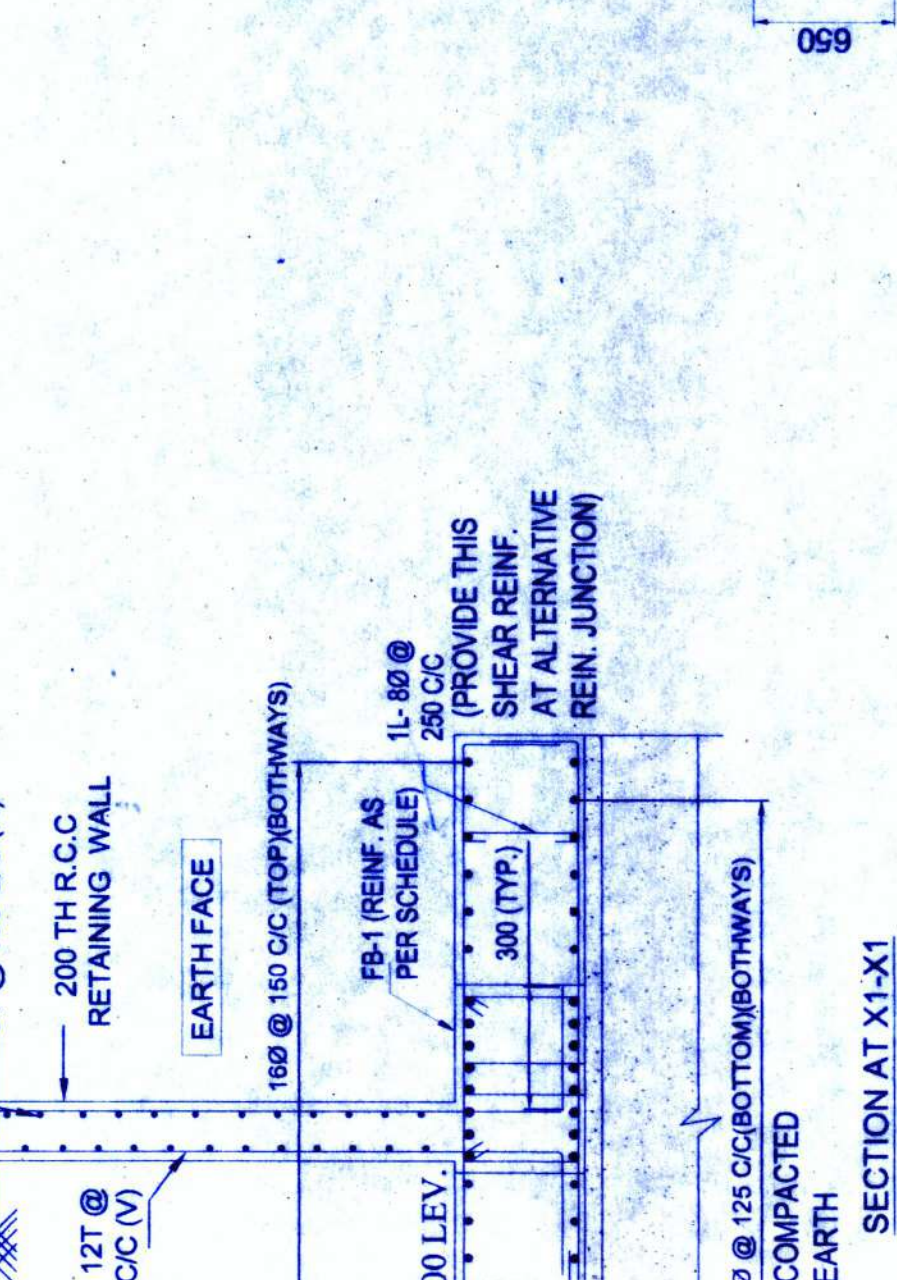
**TYPICAL DETAILS OF BEAM (REINFORCEMENT CURTAILMENT) (SCALE: 1:25)**



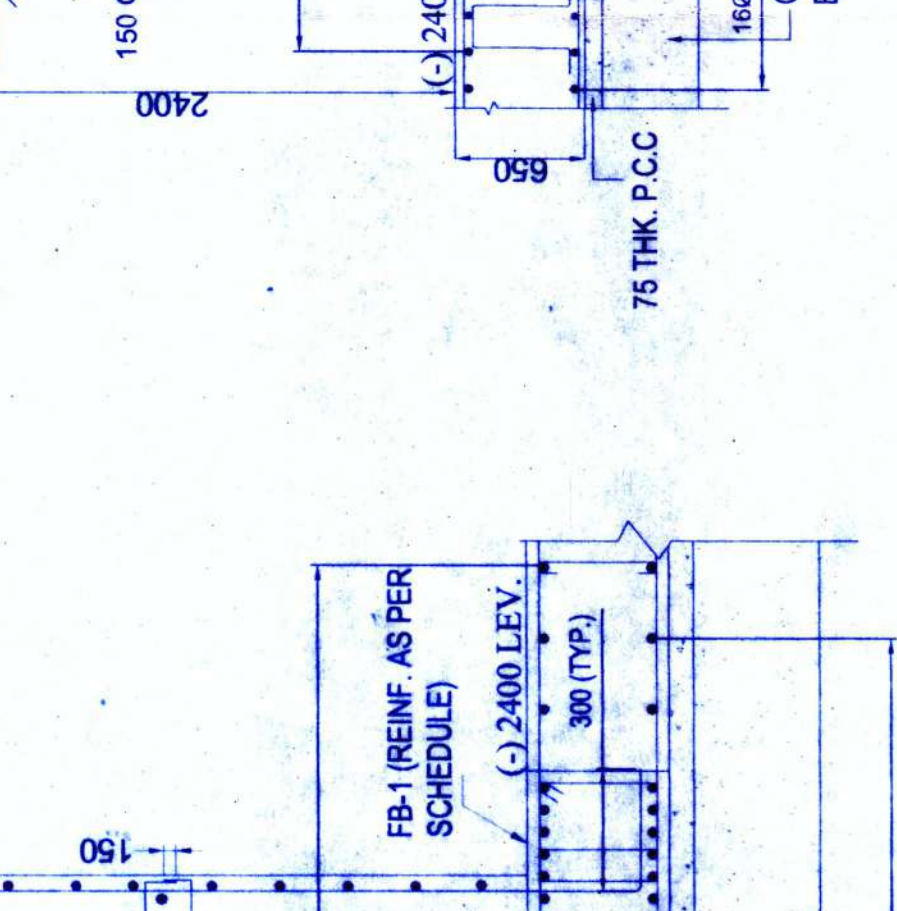
**SCHEDULE OF FOUNDATION BEAM (F=500, M=25)**

BEAM MKD	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT	REINFORCEMENT DETAILS AT SPAN	STIRRUPS
FB-1	800X650	8-20T(A,T) 8-20T(A,T) 4L-10T @ 175CC	8-20T(A,T) 8-20T(A,T) 4L-10T @ 175CC	STIRRUPS

**SECTION AT X-X (SCALE: 1:25)**



**SECTION AT Y-Y (SCALE: 1:25)**



**EXISTING FOUNDATION LAYOUT PLAN (SCALE: 1:100)**

**CENTRELINE OF COLUMNS (SCALE: 1:100)**

May be Approved  
 29/11/22  
 Sub Area Engineer  
 Pachamindra Municipality  
 RECOMMENDED



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NOTE:  
 1. ALL DIMENSION ARE IN MM  
 2. CONSTRUCTION AS PER SPECIFICATION  
 GIVEN UNLESS OTHERWISE MENTIONED.  
 SPACE FOR OFFICE USE



3

P. W. NO.- 372  
DATE - 29/01/22

The builder or the Owner will not resort to manual scavenging by engaging sanitation workeps for cleaning of septic tank of proposed building

Application of Shivendra Bijoy Malladev.

P.W. No. 372 Dt. 29/01/22 for B+G+11

of Building for Residential Apartment

(Perpose) Examined the application & with specification also held spot enquiry  
Sanction to the building plan may be accorded with permission to excute the work

Date:-

*Shiv*  
29/1/22  
Sub Asstt Engineer  
Midnapore Municipality  
Recommended

*Basu*  
2/2/22  
Member  
Board of Administrator  
Midnapore Municipality



Sanction oder No 372 Application  
P.W.D. Date 29/01/22 Of Residential Apartment  
Permission for ~~construction~~ of building  
for Residential Apartment (purpose)  
Considered the opinion of S.A.E. / S.I and  
recommendation of the E.O saction is hereby  
accorded u/s 207(1)(a) of the act read with rule  
20(1)(A) to the building plan with Specification  
duly counter signed. The building Plan shall  
remain valid for three years from the date of  
sanction and may be renewed for another two  
years on payment of fees u/s 207(2) of the act.  
Permission to excute the work in the prescribed  
form is being given seperately

*Sac*  
Chairperson  
Board of Administrator  
Midnapore Municipality

*Sachin*  
07/02/22