

PROJECT

PROPOSED G+V STORED RESIDENTIAL BUILDING AT
 PRE. NO. - 170 D, PCCMC GARDEN ROAD, WARD NO. - 66,
 BOROUGH NO. - VII, KOLKATA - 700039

NOTES

1. ALL DIMENSIONS ARE IN MM EXCEPT NOTED.
2. GRADE OF CONCRETE M25
3. GRADE OF STEEL F450

TITLE

FOUNDATION LAYOUT & DETAIL, COLUMN SCHEDULE
 & FLOOR BEAM SCHEDULE, G.O. OF TYPICAL FLOOR &
 TIE BEAM DETAIL.

COLUMN SCHEDULE				
COLUMN MKD.	COL. SIZE	1st FLOOR TO 2nd FLOOR	2nd FLOOR TO 3rd FLOOR	3rd FLOOR TO 4th FLOOR TO ROOF
C14, C21, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34	250x500	8-20T	4-20T+4-16T	4-20T+4-16T
C15, C16, C17, C18, C19, C20, C22, C23, 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	250x500	10-20T	6-20T+4-16T	4-20T+6-16T
C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150	250x600	12-20T	8-20T+4-16T	4-20T+8-16T
C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C190, C191, C192, C193, C194, C195, C196, C197, C198, C199, C200	250x500	8-25T	4-25T+4-20T	4-20T+4-16T

ALL STIRRUPS 8T@250 C/C

TYPICAL DETAIL OF PILE CAP

SLAB SCHEDULE

SLAB THK.	SHORT SPAN		LONG SPAN	
	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM
100	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
115	8T@150c/c	8T@175c/c	8T@150c/c	8T@200c/c
125	8T@125c/c	8T@175c/c	8T@125c/c	8T@200c/c
150	10T@150c/c	10T@200c/c	10T@150c/c	10T@200c/c

TYPICAL FLOOR BEAM SCHEDULE

BEAM MKD.	BEAM SIZE	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT	
		TOP	BOTTOM	TOP	BOTTOM
FBI-1	250x500	3-20T	3-20T	2-20T	3-20T
FBI-2	250x500	3-20T	3-20T	2-16T	3-20T
FBI-3	250x500	3-20T	3-20T	2-20T	3-20T
FBI-4	250x500	3-20T	3-20T	2-20T	3-20T
FBI-5	250x500	3-20T	3-20T	2-20T	3-20T
FBI-6	250x500	3-20T	3-20T	2-20T	3-20T
FBI-7	250x500	3-20T	3-20T	2-20T	3-20T
FBI-8	250x500	3-20T	3-20T	2-20T	3-20T
FBI-9	250x500	3-20T	3-20T	2-20T	3-20T
FBI-10	250x500	3-20T	3-20T	2-20T	3-20T
FBI-11	250x500	3-20T	3-20T	2-20T	3-20T
FBI-12	250x500	3-20T	3-20T	2-20T	3-20T
FBI-13	250x500	3-20T	3-20T	2-20T	3-20T
FBI-14	250x500	3-20T	3-20T	2-20T	3-20T
FBI-15	250x500	3-20T	3-20T	2-20T	3-20T
FBI-16	250x500	3-20T	3-20T	2-20T	3-20T
FBI-17	250x500	3-20T	3-20T	2-20T	3-20T
FBI-18	250x500	3-20T	3-20T	2-20T	3-20T
FBI-19	250x500	3-20T	3-20T	2-20T	3-20T
FBI-20	250x500	3-20T	3-20T	2-20T	3-20T



ARCHITECTS' CERTIFICATE

THE PLOT HAS BEEN INSPECTED BY ME AND ON THAT BASIS I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE PROPOSED BUILDING AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME THE PLOTS PLAN HAS BEEN DRAWN DEMARCATED BY BOUNDARY WALL ON ALL FOUR SIDES, THE SITE PLAN AND LOCATION PLAN COMPLIES THE SITE.

SIGNATURE OF OWNER & SEAL

DEBATHOSH SAHU
 Architect + Urban Designer
 MARCH, P.A., P.L.C., A.I.D.,
 Regn. No. CV/97/12345

STRUCTURAL ENGINEERS' CERTIFICATE

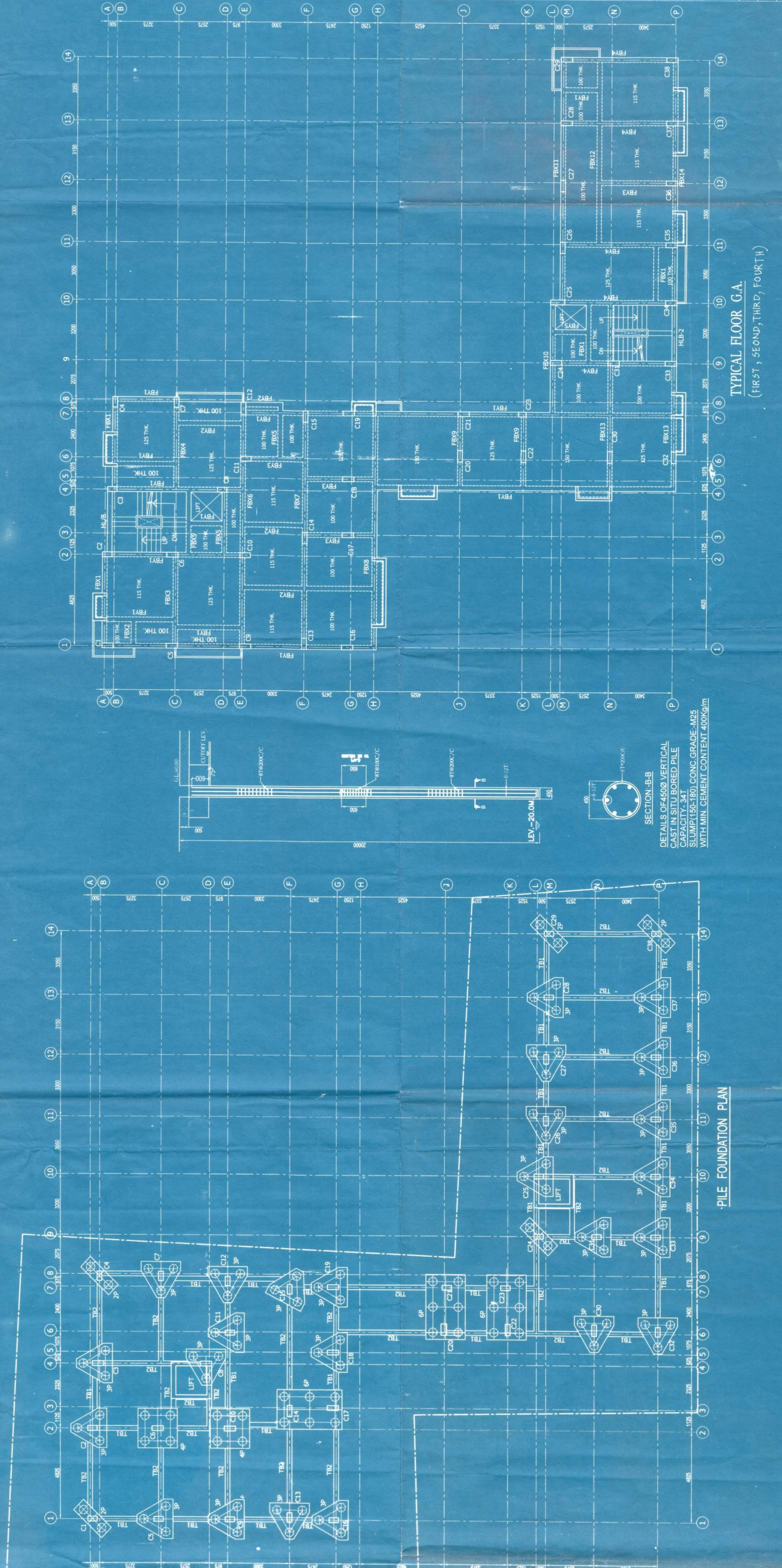
THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME AND I AM SURE THAT THE BUILDING WILL BE SAFE AND STABLE IN ALL RESPECTS.

SIGNATURE OF ARCHITECT & SEAL

STRUCTURAL CONSULTANT:

P.M. CONSULTANT
 35A, DR. SARAT BANERJEE ROAD, KOL-29
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 Email- pmstructure@gmail.com

SCALE-1:100,25
 DATE-26.03.2014
 CHECKED BY-BBM
 DRAWN BY-PP
 DEC. NO-FMC/COR/170/SHEET-1



TYPICAL FLOOR G.A.
 (FIRST, SECOND, THIRD, FOURTH)

PILE FOUNDATION PLAN

