

PROJECT:

PROPOSED 0+III STORED RESIDENTIAL BUILDING
AT MOUZA - PASCHIM SHIPUR, PLOT NO. -
483 (R.S.) & 608 (L.R.), WARD NO. - 19,
J.L. NO. - 33, KHATIAN NO. - 7796, P.S. -
ARAMBAGH, DISTRICT - HOOGHLY.

TITLE :

STRUCTURAL DRAWING (BLOCK-2)

NOTES:-

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN M. D. N. O.

2. GRADE OF REINFORCEMENT IS F550 (LS:1788-LATEST).

3. LAY/BONDS LENGTH SHALL BE 50D WHERE D IS THE DIA OF SMALLER BAR.

4. ALL REINFORCEMENT SHALL BE PLACED 15 mm FROM THE EXISTING G.L.

5. FOUNDATION SHALL BE PLACED 1.5 m FROM THE EXISTING G.L.

6. SPECIAL CARE SHALL BE TAKEN WHILE PLACING REINFORCEMENT AND CONCRETE IN THE ZONES OF SPECIAL CONFINING REINFORCEMENT NOT MORE THAN HALF OF THE REINFORCEMENT SHALL BE SPICED AT A SECTION.

7. FOUNDATION SHALL BE PLACED 1.5 m FROM THE EXISTING G.L.

APPROVED:

Signature

Charan Kumar Das
Project Engineer

DRG. NO.

REV. DATE

SCALE

DATE

FINAL CHECKED

SHEET NO. - 4/4

APPROVED BY

SANC/STR/ARAMBAGH/02

1:100

(OTHER WISE MENTIONED)

26.01.2024

BEAM MKD.	SIZE	THROUGH BAR	EXTRA AT LEFT SUPPORT	EXTRA AT RIGHT SUPPORT	STIRRUPS
TR-1/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-1/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-2/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-2/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-3	250X450	2-20T	2-20T	2-20T	2L-8T@100/c
TR-4/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-4/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-5/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-5/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-6/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-6/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-7	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-8/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-8/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-9/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-9/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-10/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-10/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-11	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-12/1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-12/2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-13	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-14	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-15	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-16	250X450	2-16T	2-16T	2-16T	2L-8T@100/c

THICKNESS (mm)	TOP OVER SUPPORT	BOTTOM AT SPAN	LONG BAR	TOP OVER SUPPORT	BOTTOM AT SPAN
150	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
135	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
125	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
110	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c

BEAM MKD.	SIZE	THROUGH BAR	EXTRA AT LEFT SUPPORT	EXTRA AT RIGHT SUPPORT	STIRRUPS
TR-1	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-2	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-3	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-4	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-5	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-6	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-7	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-8	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-9	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-10	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-11	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-12	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-13	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-14	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-15	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-16	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-17	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-18	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-19	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-20	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-21	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-22	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-23	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-24	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-25	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-26	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-27	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-28	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-29	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-30	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-31	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-32	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-33	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-34	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-35	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-36	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-37	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-38	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-39	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-40	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-41	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-42	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-43	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-44	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-45	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-46	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-47	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-48	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-49	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-50	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-51	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-52	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-53	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-54	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-55	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-56	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-57	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-58	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-59	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-60	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-61	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-62	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-63	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-64	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-65	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-66	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-67	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-68	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-69	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-70	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-71	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-72	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-73	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-74	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-75	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-76	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-77	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-78	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-79	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-80	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-81	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-82	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-83	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-84	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-85	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-86	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-87	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-88	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-89	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-90	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-91	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-92	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-93	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-94	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-95	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-96	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-97	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-98	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-99	250X450	2-16T	2-16T	2-16T	2L-8T@100/c
TR-100	250X450	2-16T	2-16T	2-16T	2L-8T@100/c

THICKNESS (mm)	TOP OVER SUPPORT	BOTTOM AT SPAN	LONG BAR	TOP OVER SUPPORT	BOTTOM AT SPAN
150	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
135	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
125	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
110	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c

THICKNESS (mm)	TOP OVER SUPPORT	BOTTOM AT SPAN	LONG BAR	TOP OVER SUPPORT	BOTTOM AT SPAN
150	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
135	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
125	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c
110	8T@125/c	8T@125/c	8T@125/c	8T@125/c	8T@125/c

TYP. BEAM COLUMN JUNCTION
SHOWING LINK ARRANGEMENT

U.N.O. AT TIE BEAM MKD. WILL BE TB

FOUNDATION LAYOUT PLAN