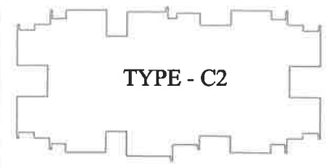
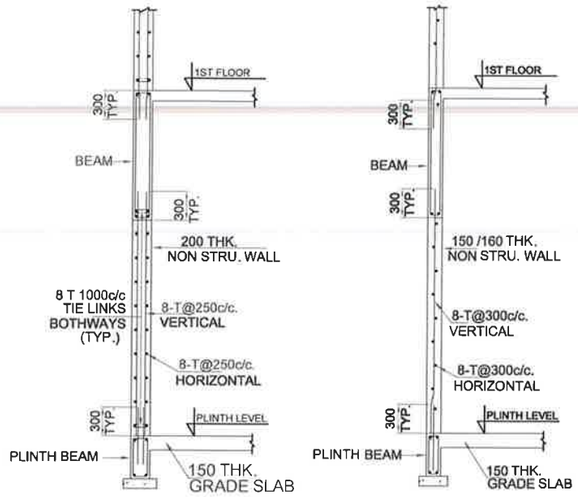
LODHA PALAVA - LAKEFRONT
CASA TYPE - C2

KEY PLAN



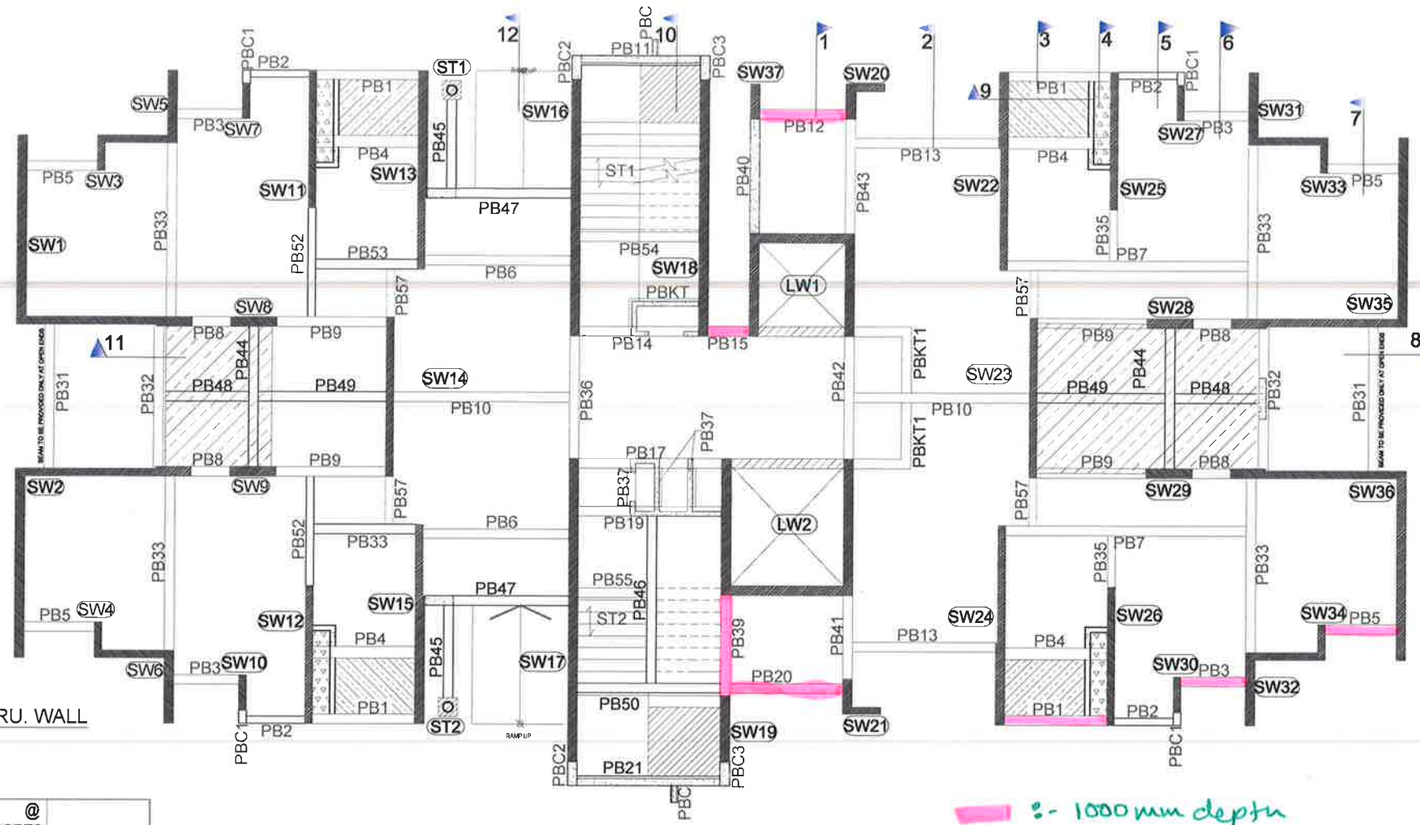
LEGEND

- 60mm SUNK
- 250mm SUNK
- NON-STRUCTURAL WALL



TYPICAL SECTION FOR 200THK. NON STRU. WALL

TYPICAL SECTION FOR 150THK./ 100THK. NON STRU. WALL



R.C.C. PLAN @ PLINTH LEVEL.
TYPE - C2
G+12 FLOORS

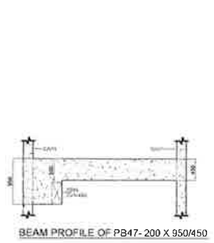
:- 1000 mm depth beams.

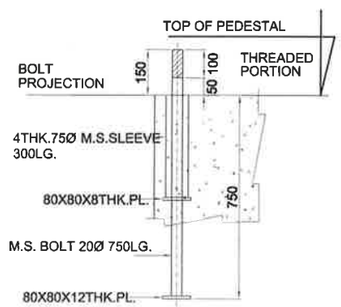
SCHEDULE OF PLINTH LEVEL BEAMS:-

BEAM NOS.	SIZE		STEEL.						STIRRUPS.			TOP		EXTRA @ SUPPORTS.		RE MARK.
			BOTTOM STRAIGHT		BOTTOM CURT		TOP		Ø	SPACING.						
	B	D	NO.	T	NO.	T	NO.	T	/ T	END	MID	NO.	T	SUPPORT @		
PB - 1	200	390	2	10	--	--	2	10	8	200	300	--	--	---		60mm SUNK
PB - 2	150	450	2	10	--	--	2	10	8	200	200	--	--	---		---
PB - 3	200	450	2	10	--	--	2	10	8	200	200	--	--	---		---
PB - 4	250	350/ 600	2	10	--	--	2	10	8	150	300	--	--	---		PARTLY SUNK BY 250mm
PB - 5	200	450	2	10	--	--	2	10	8	200	200	--	--	---		---
PB - 6	200	450	2	12	--	--	2	8	8	200	300	2	10	BOTHENDS		---
PB - 7	200	450	3	12	--	--	2	8	8	250	300	2	12	@ SW - 22,24		---
PB - 8	200	450	2	12	--	--	2	12	8	150	150	--	--	---		---
PB - 9	200	450	2	12	--	--	2	12	8	200	300	--	--	---		---
PB - 10	200	450	2	12	--	--	2	8	8	200	300	2	12	@ SW - 14,23		---
PB - 11,21	200	600	2	12	--	--	2	8	8	200	300	--	--	---		---
PB - 12	200	450	2	12	--	--	2	12	8	200	250	--	--	---		---
PB - 13	200	450	2	12	--	--	2	8	8	200	300	2	10	@ SW - 22		---
PB - 14	200	450	2	12	--	--	2	14	8	200	300	--	--	---		---
PB - 15	200	450	2	12	--	--	2	12	8	175	175	--	--	---		---
PB - 17,19	200	450	2	12	--	--	2	8	8	200	300	2	10	BOTHENDS		---
PB - 20	200	450	2	10	--	--	2	10	8	200	300	--	--	---		---
PB - 31	200	450	2	10	--	--	2	10	8	200	300	--	--	---		---
PB - 32	200	450	2	10	--	--	2	10	8	200	300	--	--	---		---
PB - 33,53	200	450	2	12	--	--	2	8	8	200	300	2	10	@ SW - 15,13		---
PB - 36,42	200	450	2	12	--	--	2	12	8	200	300	--	--	---		---
PB - 37	160	450	2	10	--	--	2	8	8	175	175	--	--	---		---
PB - 39	200	450	2	12	--	--	2	12	8	150	300	--	--	---		---
PB - 40	200	450	2	12	--	--	2	12	8	200	300	--	--	---		---
PB - 41,43	200	450	2	12	--	--	2	12	8	200	300	--	--	---		---
PB - 44	200	390	2	10	--	--	2	10	8	200	300	--	--	---		60MM SUNK
PB - 45	200	450	2	12	--	--	2	8	8	200	300	2	12	@ ST-1,2		500MM SUNK
PB - 46	200	450	2	12	--	--	2	8	8	200	300	--	--	---		---
PB - 47	200	950/ 450	2	12	--	--	2	12	8	200	300	--	--	---		PARTLY 950MM DEPTH
PB - 48	200	390	2	10	--	--	2	10	8	200	200	--	--	---		60MM SUNK
PB - 49	200	390	2	10	--	--	2	10	8	200	200	--	--	---		60MM SUNK
PB - 50	200	450	2	12	--	--	2	12	8	200	300	--	--	---		---
PB - 52	160	450	2	12	--	--	2	8	8	200	300	2	10	@ SW - 11,12		---
PB - 54	200	450	2	12	--	--	2	12	8	200	300	--	--	---		---
PB - 55	200	450	2	12	--	--	2	12	8	175	175	--	--	---		---
PB - 57	200	450	2	12	--	--	2	12	8	175	175	--	--	---		---

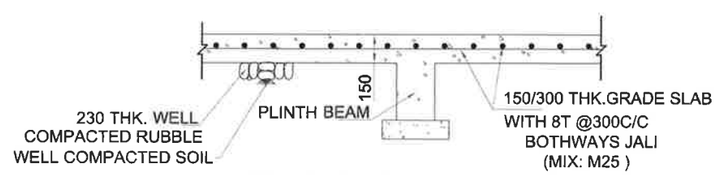
SCHEDULE OF PLINTH LEVEL BEAMS:-

BEAM NOS.	SIZE		STEEL.						STIRRUPS.			TOP		EXTRA @ SUPPORTS.		RE MARK.
			BOTTOM STRAIGHT		BOTTOM CURT		TOP		Ø	SPACING.						
	B	D	NO.	T	NO.	T	NO.	T	/ T	END	MID	NO.	T	SUPPORT @		
PBC	150	300	2	10	--	--	2	12	8	125	125	--	--	---		CANTILEVER 300 mm Sunk
PBC - 1	160	450	2	10	--	--	2	12	8	125	125	--	--	---		CANTILEVER
PBC - 2,3	200	600	2	10	--	--	2	12	8	125	125	--	--	---		CANTILEVER
PBKT	160	450	2	10	--	--	2	10	8	200	200	--	--	---		---
PBKT - 1	200	450	2	12	--	--	2	12	8	150	150	--	--	---		

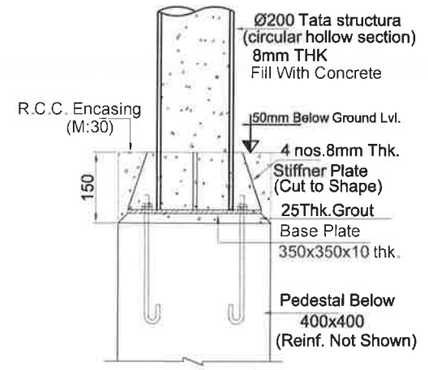




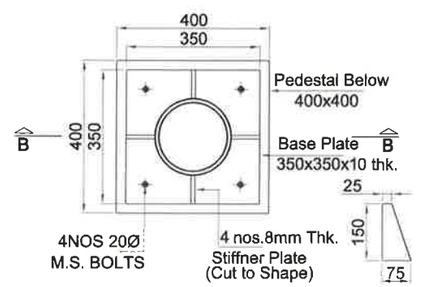
TYP. FOUNDATION BOLT DETAIL



TYP. SECTION FOR GRADE SLAB



SECTION: B-B



BASE PLATE DETAIL FOR ST4

NOTES :-

* CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY
* CONC.MIX FOR COLUMN / SHEAR WALL /NON STRUCTURAL WALL AS PER SCHEDULE.
* CONC.MIX FOR COLUMN / SHEAR WALL & BEAM JUCTION AS PER COLUMN / SHEAR WALL SCHEDULE.
* CLEAR COVER TO R / F :-
  FOOTING BOTTOM - 50 mm FOOTING SIDE &TOP - 75 mm
  FOR COLUMN - 40mm
  FOR SHEAR WALL OF THK. UPTO 200mm = 25mm
  FOR SHEAR WALL OF THK. ABOVE 200mm = 40mm
  FOR BEAM - 25mm FOR SLAB - 20mm
  FOR COLUMN BELOW PLINTH - 65mm
  FOR SHEAR WALL OF THK. UPTO 200mm BELOW PLINTH - 50mm
  FOR SHEAR WALL OF THK. ABOVE 200mmBELOW PLINTH - 65mm
* CEMENT O . P . C . 53 GRADE ONLY .
* ALL STEEL CONFIRMING TO I . S . 1786 / Fe 500 /TMT FOR 8MM & 10MM DIA STEEL & Fe550D FOR 12MM & ABOVE DIA STEEL.
* COLUMN / SHEAR WALL LINKS MUST BE PROVIDED AT JUNCTION OF COLUMN / SHEAR WALL & BEAM .
* FOR COLUMN / SHEAR WALL LINKS ARRANGEMENT REFER LINK DETAIL.
* CENTER OF LAP SHALL BE AT CENTER OF FLOOR HEIGHT FOR COLUMN / SHEAR WALL STEEL.
* NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN / SHEAR WALL
* BEAM STEEL MUST EXTEND BEYOND COLUMN / SHEAR WALL FACE BY DEVELOPMENT LENGTH .
* P . C . C .M10 GRADE (100 THK.) MUST BE LAID BELOW FOOTING.
* THIS DRAWING SHOULD BE READ IN CONJUCTION WITH RELEVANT ARCHITECT DRAWING .
* FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONCIBILITY OF CONTRACTOR AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.

LAP LENGTH TABLE :-

CONCRETE M/K.	COLUMN /SHEAR WALL / BEAM / SLAB Fe 500	Fe 550
M30	48 X DIA	50 X DIA

CONCRETE GRADE FOR SHEAR WALL

CONCRETE M/K.	FLOOR
M30	FOUNDATION TO 12TH FLOOR

REV	DATE	REVISION NOTE
R1	15.02.19	AS PER ARCH COMMENTS.
R2	11.03.19	PBC ADDED IN SCHEDULE
R3	02.04.19	AS PER LATEST ARCH DWG.
R4	11.04.19	PBC, PBC2, PBC3, PB11, PB21 REVISED.
R5	11.04.19	PLINTH BEAM PB45 & PB47 REVISED
R6	20.04.19	SECTION - 11-11 ADDED.

PURPOSE OF ISSUE :- VALID FOR CONSTRUCTION
DATE:- 20/04/2019

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	NAME	DATE
DRN BY :	VINAYAK	11-01-2019
DESIGN BY:	CHIRAG	
CHKD BY:	S.H.JAIN	
SCALE:	N.T.S.	

CLIENT :- LODHA GROUP

ARCHITECT :- KAPADIA ASSOCIATES

JOB TITLE :- LODHA PALAVA
LOCATION :- DOMBIVALI

CLUSTER :- LAKEFRONT - CASA FLOREA
BUILDING:- WING - B

SHEET TITLE :- R.C.C. PLAN @ PLINTH LEVEL - C2 TYPE

JOB NO :- J-686 DWG NO :- 686/LAKEFRONT-C2-CF-WING-B/-02

STAMP

STRUCT BOMBAY CONSULTANTS.
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KAMLA MILL COMPOUND,
SENAPATI BAPAT MARG LOWER PAREL,
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