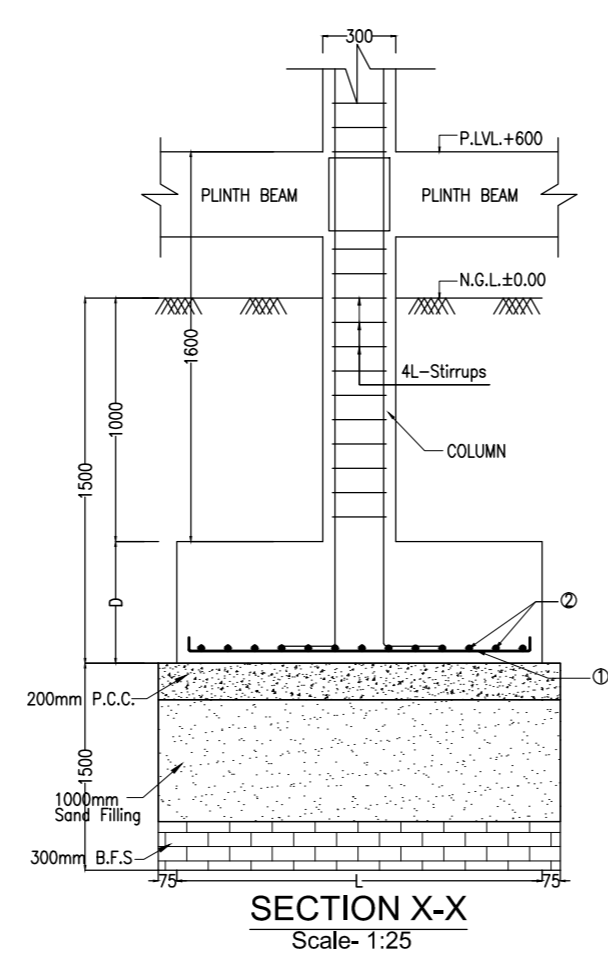
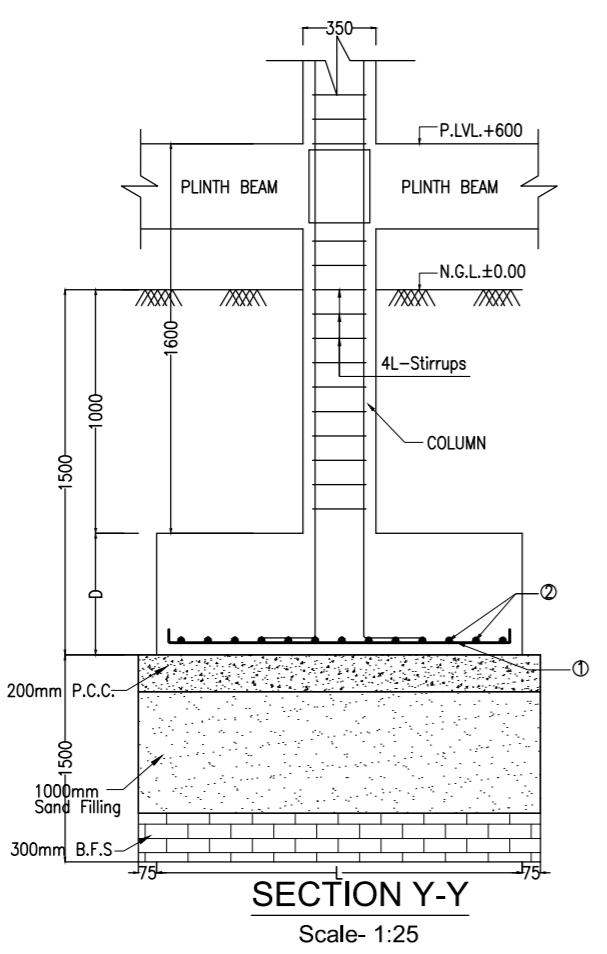
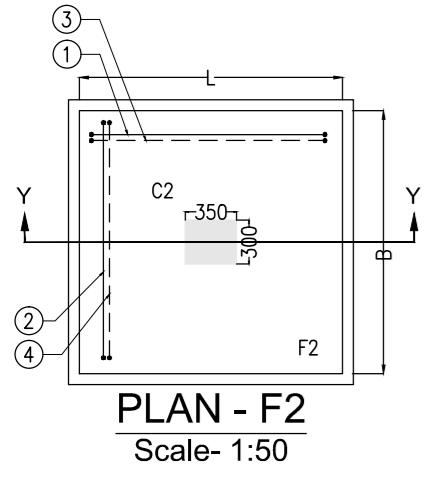
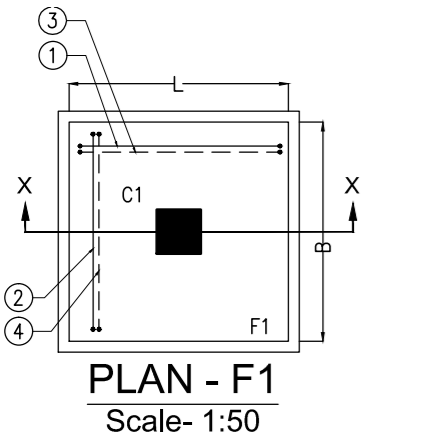


FOUNDATION LAYOUT PLAN

COLUMN No.	Column/Pedestal		Reinforcement	
	l (mm)	b (mm)	Main Bar	Stirrups
C1,C2,C5,C6,C7,C10,C11,C12,C13,C16,C17,C18,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	300	300	4 - 16 Ø 4 - 12 Ø	4L- 8 Ø @ 150 mm c/c
C3,C4,C8,C9,C14,C15,C19,C20	300	350	4 - 16 Ø 4 - 12 Ø	4L- 8 Ø @ 150 mm c/c

Foundation Mark	Nos.	Excavation Depth	Foundation			Reinforcement Details Of Foundation	
			L (mm)	B (mm)	D (mm)	(1)	(2)
F1	42	3000.000	1500.000	1500.000	500.000	10 Ø @ 125 mm	10 Ø @ 125 mm
F2	04	3000.000	1800.000	1800.000	500.000	10 Ø @ 100 mm	10 Ø @ 110 mm
F3	02	3000.000	3900.000	1800.000 +1500.000	500.000	10 Ø @ 100 mm	10 Ø @ 110 mm

NOTE Depth of foundation from ground level is 1.5m



GENERAL NOTES:

- GRADE OF CONCRETE SHALL BE M-20.
- Ø MEANS HIGH YIELD STRENGTH DEFORMED BAR HAVING YIELD STRENGTH OF 500 N/MM².
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50MM FOR FOOTING, 40MM FOR COLUMN.
- NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH SHALL BE EQUAL TO LD=57 TIMES SMALLER DIA OF BARS AND SHALL BE AVOIDED IN FOLLOWING CASES- TOP BARS-NEAR SUPPORT, BOTTOM BARS-NEAR MID SPAN
- WHEREVER NECESSARY CHAIRS @750MM SHALL BE PROVIDED TO SUPPORT THE TOP REINFORCEMENT.
- ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
- USE 10% EXTRA CEMENT IN CONCRETE FOR CASTING UNDER THE WATER TABLE.
- THE NET SAFE BEARING CAPACITY IS CONSIDERED AS 10 T/SQM AT A DEPTH OF 3.0 m BELOW THE E.G.L, IF THE SAME IS NOT ENCOUNTERED AT THE PROPOSED DEPTH, EXTRA EXCAVATION SHALL BE DONE UPTO THE SUITABLE DEPTH & PCC (1:4:8) SHALL BE FILLED UP AFTER REMOVAL OF EARTH.
- DADO WHITE GLAZED TILE 1800 HIGH. IN TOILET & BATH ROOM.

Note:-
* BIG BAT SOILING SHOULD BE DONE TILL THE HARD STRATA IS REACHED IN THAT CASE ADDITIONAL SAND FILLING MUST BE DONE ACCORDINGLY.

RO	25.08.2020	FOR APPROVAL	SMS	PK	
REV.	ISSUED	DESCRIPTION	DEALT	CHECKED	APPROVED
REVISIONS					
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CLIENT:- JHARKHAND URBAN INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED.					
PROJECT:- CONSTRUCTION (INCLUDING STRUCTURAL DESIGN) OF 80 DWELLING UNITS IN 02 NUMBER OF G+3 BLOCKS (40 DU'S IN EACH BLOCKS) AT BHUNDA UNDER PRADHAN MANTRI AWAS UYONA (URBAN) (PACKAGE-K)					
FOUNDATION STRUCTURAL DRAWING		DATE	25.08.2020		
PURPOSE	FOR CONSTRUCTION				
SCALE :	1:100				
SHEET :	A3				
DEALT	SMS				
CHECKED	AMAN				
APPROVED	DRG NO.- MYKB/ICUBED/PMAY/BND/STR/01				REV. R0
MAYANK BUILDCON					