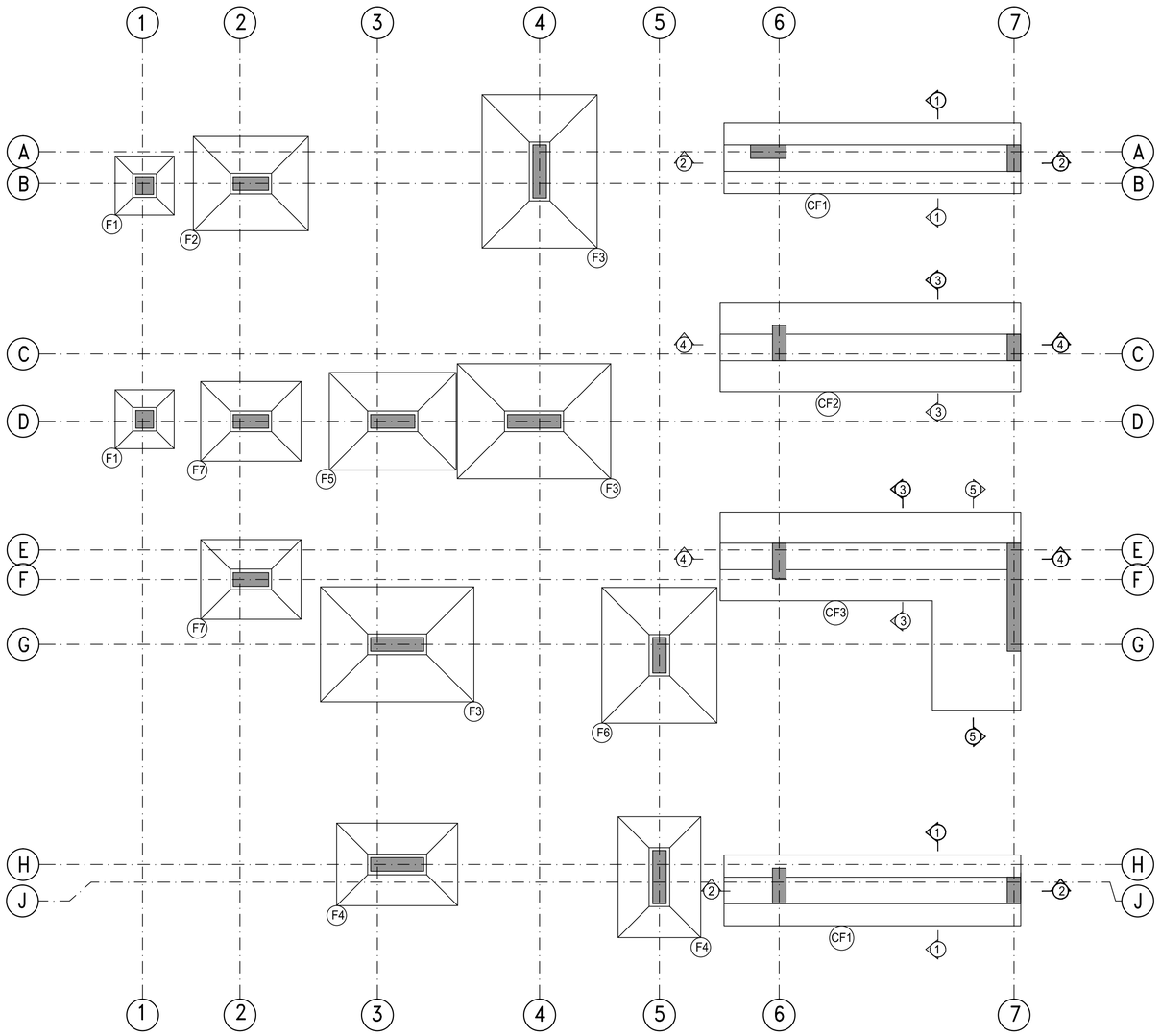
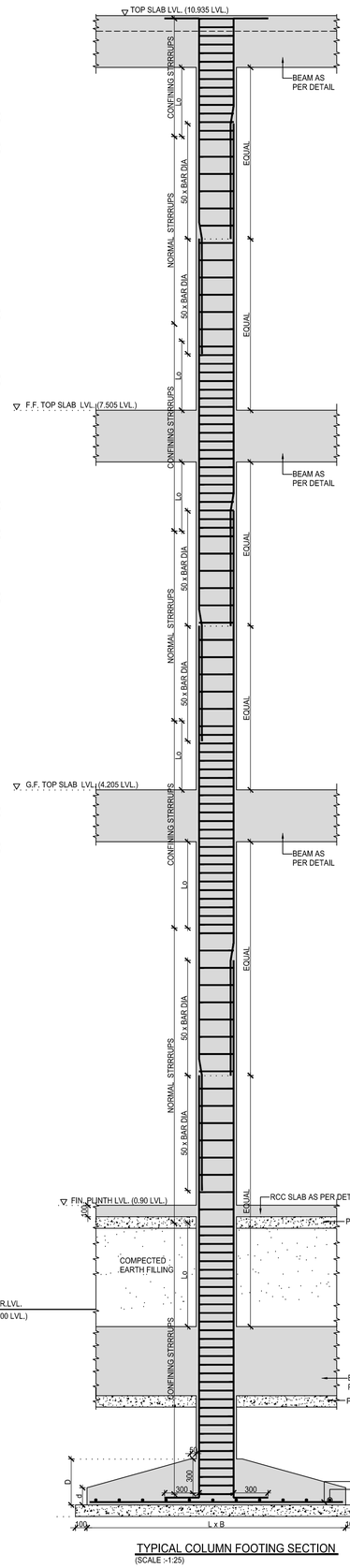
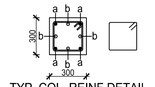


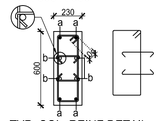


TYPICAL COLUMN FOOTING SECTION
(SCALE :-1:25)

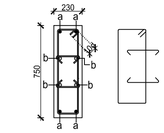
STIRRUP DETAIL



TYP. COL. REINF.DETAIL
FOR 300 X 300



TYP. COL. REINF.DETAIL
FOR 230 X 600



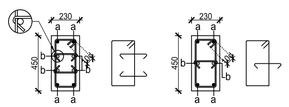
TYP. COL. REINF.DETAIL
FOR 230 X 750

SCHEDULE OF COLUMNS

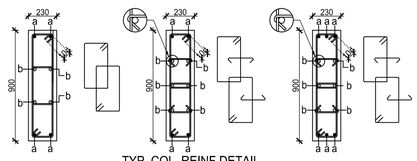
LVL.	COLUMN MARK	COL.SIZE	CONC. MIX	VERT. BARS a	VERT. BARS b	Lo	STIRRUPS CONFINING (C.S.)	STIRRUPS NORMAL (N.S.)
FOUNDATION TO TERRACE LVL.	B1,D1	300x300	FROM FOOTING TO PLINTH BEAM M25 FROM PLINTH BEAM TO TERRACE M20	4-#20	4-#12	750	#10 @75C/C	#8 @150C/C
LAP2 TO TERRACE LVL.	A6,B2,D2	230x600		4-#20	4-#16	600		
LAP1 TO LAP2				4-#16	4-#16	600		
FOUNDATION TO LAP1				4-#16	4-#20	750		
FOUNDATION TO TERRACE LVL.	A4	230x900		6-#16	4-#16	900		
FOUNDATION TO TERRACE LVL.	A7,J7,C7	230x450		4-#20	2-#12	750		
FOUNDATION TO TERRACE LVL.	C6,G5	230x600		4-#25	4-#20	750		
LAP2 TO TERRACE LVL.	D3	230x750		4-#16	4-#16	750		
FOUNDATION TO LAP2				4-#25	4-#20	750		
FOUNDATION TO TERRACE LVL.	D4	230x900		4-#20	4-#20	900		
FOUNDATION TO G.F. SLAB LVL.	E6	230x600		4-#20	4-#20	750		
FOUNDATION TO TERRACE LVL.	E7	230x1830		4-#20	10-#20	1830		
FOUNDATION TO F.F.SLAB LVL.	F2	230x600		4-#20	4-#20	750		
LAP2 TO TERRACE LVL.	G3	230x900		6-#20	4-#20	900		
LAP1 TO LAP2				6-#20	4-#20			
FOUNDATION TO LAP1				6-#25	4-#20			
LAP2 TO TERRACE LVL.	H3,H5	230x900		6-#25	6-#20	900		
FOUNDATION TO LAP2				4-#20	8-#12			
FOUNDATION TO F.F.SLAB LVL.	J6	230x450		4-#20	4-#20	750		

SCHEDULE OF ISOLATED COLUMN FOOTINGS (CONC.MIX M25)

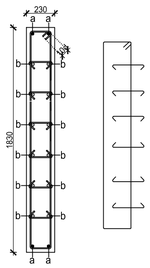
FOOTING NO.	COLUMN MARK	FOOTING DETAILS L	B	D	d	REINFORCEMENT STEEL // L	STEEL // B	PEDESTAL l x b
F1	B1,D1	1000	1000	250	150	6-#10	6-#10	400 X 400
F2	B2	1950	1600	375	150	14-#10	12-#10	700 X 350
F3	A4,D4,G3	2600	1950	500	150	23-#10	29-#10	1000 X 350
F4	H3.H5	2050	1400	350	150	11-#10	10-#10	1000 X 350
F5	D3	2150	1650	400	150	15-#10	12-#10	850 X 350
F6	G5	2300	1950	450	150	22-#10	21-#10	700 X 350
F7	D2,F2	1700	1350	375	150	10-#10	8-#10	700 X 350



TYP. COL. REINF.DETAIL
FOR 230 X 450
FOR 6 & 8 BARS MAIN REINF.



TYP. COL. REINF.DETAIL
FOR 230 X 900
FOR 8 & 10 & 12 BARS MAIN REINF.

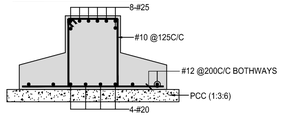


TYP. COL. REINF.DETAIL
FOR 230 X 1830

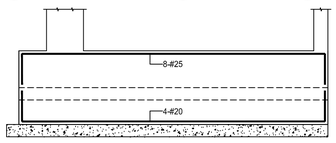
NOTES :
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM .
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL. 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
11. THIS DRG. IS TO BE READ IN CONJUCTION WITH SHEET NO.2 ,3,4 & 5.

REV.NO.	REVISION	CHD.BY	DATE

FOUNDATION LAY OUT

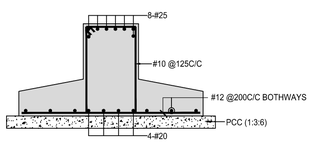


COMBINED FOOTING CF1 SECTION AT 1-1
(SCALE :-1:25)

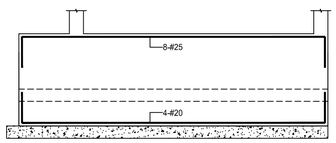


STIP.DIA.	#10
SPAC.C/C	125
STIP.NOS.	ALL

COMBINED FOOTING CF1 SECTION AT 2-2

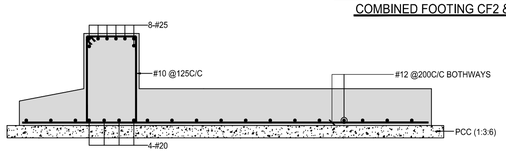


COMBINED FOOTING CF2 & CF3 SECTION AT 3-3
(SCALE :-1:25)

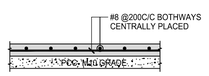


STIP.DIA.	#12
SPAC.C/C	150
STIP.NOS.	ALL

COMBINED FOOTING CF2 & CF3 SECTION AT 4-4



COMBINED FOOTING CF3 SECTION AT 5-5
(SCALE :-1:25)



TYPICAL GRADE SLAB SECTION DETAIL
CONCRETE MIX OF M20 GRADE

ISSUED TO	SETU	
DATE	13.04.13	
NO.OF PRINTS	e-mail	

BUNGALOW

TITLE :- : FOUNDATION DETAILS (SHEET:1 OF 5)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

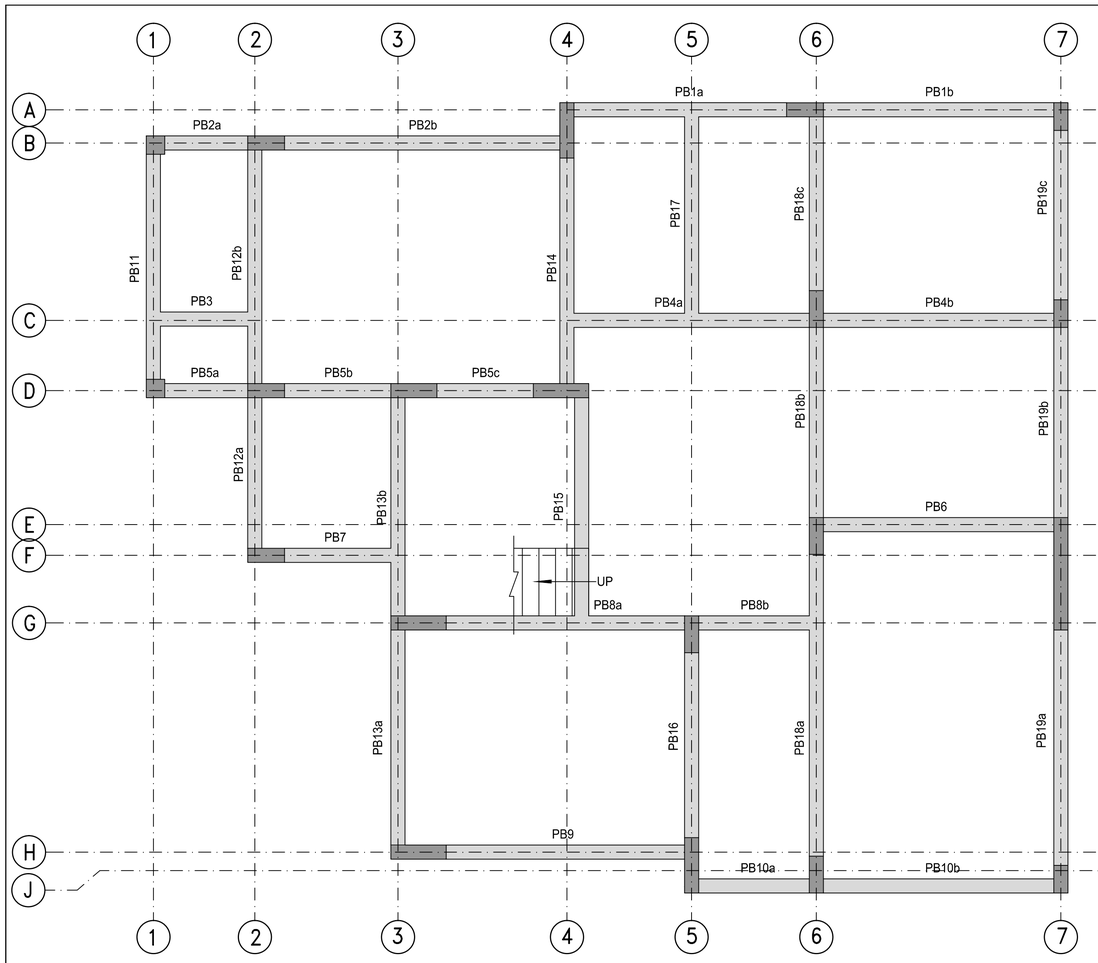
DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

DRAWING NO : 01 | R0

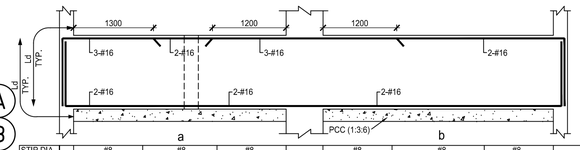
SCALE : 1:50
DATE : 13.04.2013

ANKIT PATEL
CONSULTING ENGINEERS
C/1 , JAYEN APP. , CHUNIBHAI COLONY, KANKARIYA, AHMEDABAD-380022
PHONE : 09723618823
www.struccore.com

StrucCore

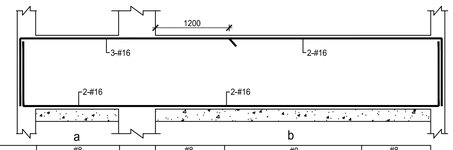


STRUCT. LAYOUT AT PLINTH BEAM LVL.



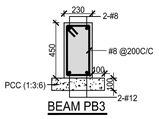
STIP.DIA.	#8	#8	#8	#8	#8	#8
SPAC.C/C	125	250	125	125	250	125
STIP.NOS.	9	REST	9	9	REST	9

BEAM PB1a,b : (230 x 600)

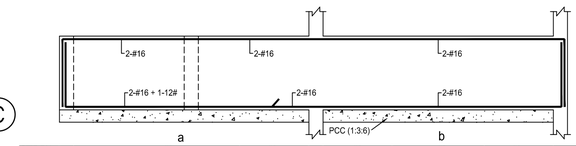


STIP.DIA.	#8	#8	#8	#8
SPAC.C/C	125	125	250	125
STIP.NOS.	9	ALL	REST	9

BEAM PB2a,b : (230 x 600)

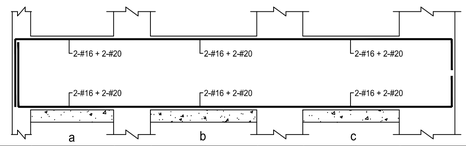


BEAM PB3



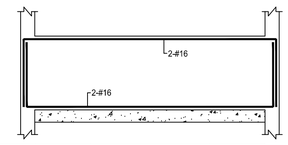
STIP.DIA.	#8	#8	#8	#8	#8
SPAC.C/C	250	125	125	250	125
STIP.NOS.	9	9	9	REST	9

BEAM PB4a,b : (230 x 600)



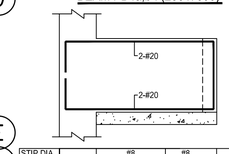
STIP.DIA.	#8	#8	#8
SPAC.C/C	125	125	125
STIP.NOS.	ALL	ALL	ALL

BEAM PB5a,b,c : (230 x 600)



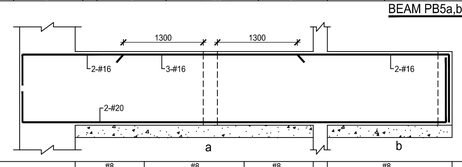
STIP.DIA.	#8	#8	#8
SPAC.C/C	100	250	100
STIP.NOS.	9	REST	9

BEAM PB6 : (230 x 600)



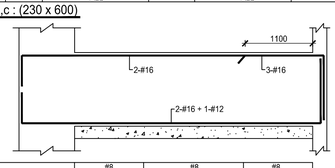
STIP.DIA.	#8	#8
SPAC.C/C	125	250
STIP.NOS.	9	REST

BEAM PB7 : (230 x 600)



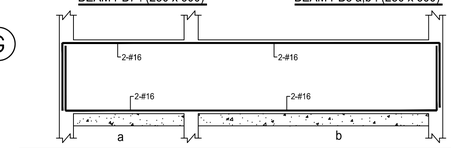
STIP.DIA.	#8	#8	#8	#8
SPAC.C/C	125	250	125	125
STIP.NOS.	9	REST	9	ALL

BEAM PB8 a,b : (230 x 600)



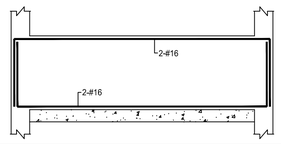
STIP.DIA.	#8	#8	#8
SPAC.C/C	125	250	125
STIP.NOS.	9	REST	9

BEAM PB9 : (230 x 600)



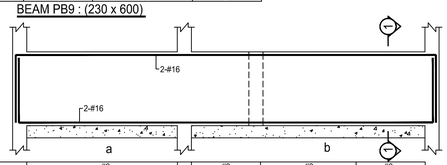
STIP.DIA.	#8	#8	#8	#8
SPAC.C/C	125	250	250	125
STIP.NOS.	ALL	REST	REST	9

BEAM PB10 a,b : (230 x 600)



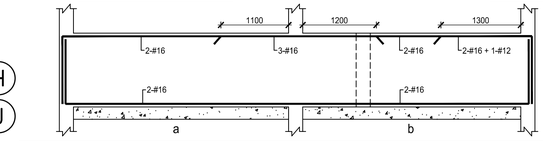
STIP.DIA.	#8	#8	#8
SPAC.C/C	125	250	125
STIP.NOS.	9	REST	9

BEAM PB11 : (230 x 600)



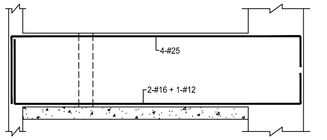
STIP.DIA.	#8	#8	#8	#8
SPAC.C/C	125	250	250	125
STIP.NOS.	ALL	REST	REST	9

BEAM PB12 a,b: (230 x 600)



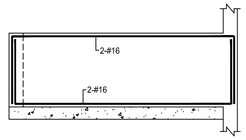
STIP.DIA.	#8	#8	#8	#8	#8	#8
SPAC.C/C	125	250	125	125	250	125
STIP.NOS.	9	REST	9	9	REST	9

BEAM PB13 a,b : (230 x 600)



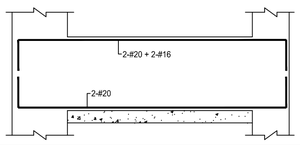
STIP.DIA.	#8	#8	#8
SPAC.C/C	125	250	125
STIP.NOS.	9	REST	9

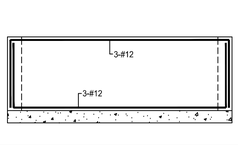
BEAM PB14 : (230 x 600)

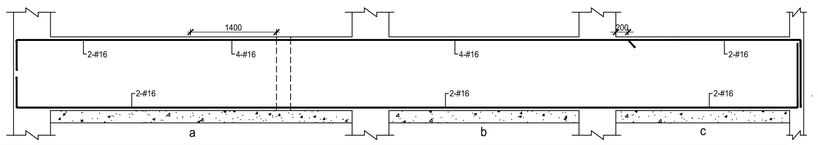


STIP.DIA.	#8	#8
SPAC.C/C	250	125
STIP.NOS.	REST	9

BEAM PB15 : (230 x 600)

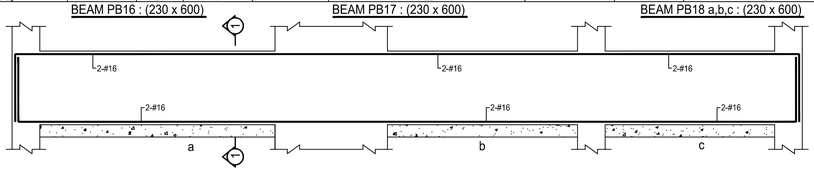




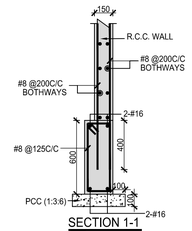


STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	125	250	125	250	125	125	250	125	125	250	125	
STIP.NOS.	9	REST	9	ALL	9	REST	9	9	REST	9	9	REST

BEAM PB16 : (230 x 600) BEAM PB17 : (230 x 600) BEAM PB18 a,b,c : (230 x 600)

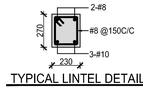


STIP.DIA.	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	125	250	125	125	250	125	
STIP.NOS.	9	REST	9	9	REST	9	ALL

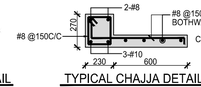


SECTION 1-1

TYP. REINFORCEMENT DETAIL OF R.C.C. WALL
R.C.C. WALL STARTED FROM PLINTH BEAM

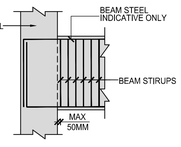


TYPICAL LINTEL DETAIL

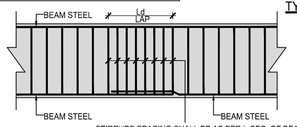


TYPICAL CHAJJA DETAIL

NOTES FOR LINTELS :
1. LENGTH OF BEARING OF LINTELS ON EITHER SIDE OF THE OPENING SHOULD BE 300 MM
2. SUPPORTS BELOW WEATHERSHED ARE TO BE REMOVED ONLY AFTER BR.WALL AND RCC SLAB ABOVE IS CAST AND CURED.

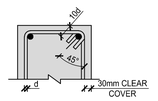


TYP. STIRRUPS LOCATION IN BEAM

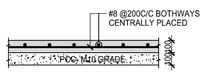


STIRRUPS SPACING SHALL BE AS PER L-SEC. OF BEAM OR 150mm C/C, WHICHEVER IS LESS. DIA SAME AS L-SEC.

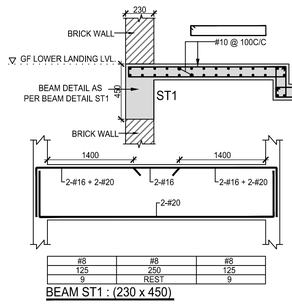
TYP. DETAIL OF STIRRUPS AT LAP IN BEAM STEEL
NO LAP SHALL BE PROVIDED IN "2 x EFFECTIVE DEPTH OF BEAM" FROM FACE OF SUPPORT.



TYP. HOOP DETAILS IN BEAM

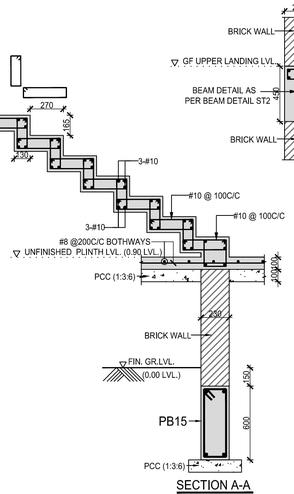


TYPICAL GRADE SLAB SECTION DETAIL
CONCRETE MIX OF M20 GRADE

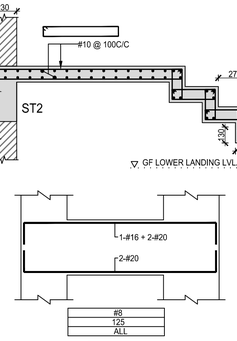


#8	#8	#8
125	250	125
9	REST	9

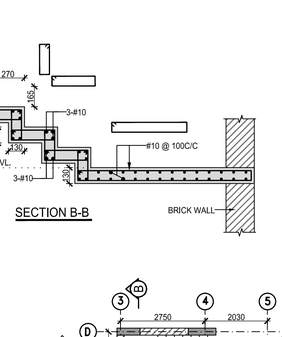
BEAM ST1 : (230 x 450)



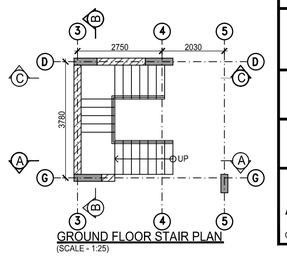
SECTION A-A



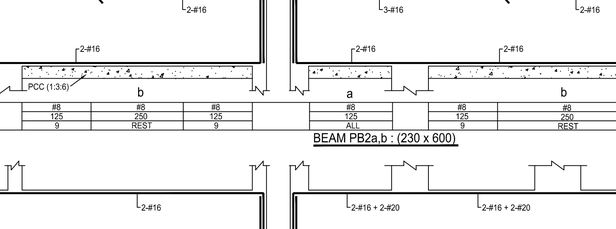
BEAM ST2 : (230 x 450)



SECTION B-B



GROUND FLOOR STAIR PLAN
(SCALE - 1:25)



SECTION C-C

NOTES :
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM .
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL. 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
12. THIS DRG. IS TO BE READ IN CONJUCTION WITH SHEET NO.1 ,3,4 & 5 .

REV.NO.	REVISION	CHD.BY	DATE

BUNGALOW

TITLE : STRUCT.DETAILS AT PLINTH LVL. (SHEET:2 OF 5)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

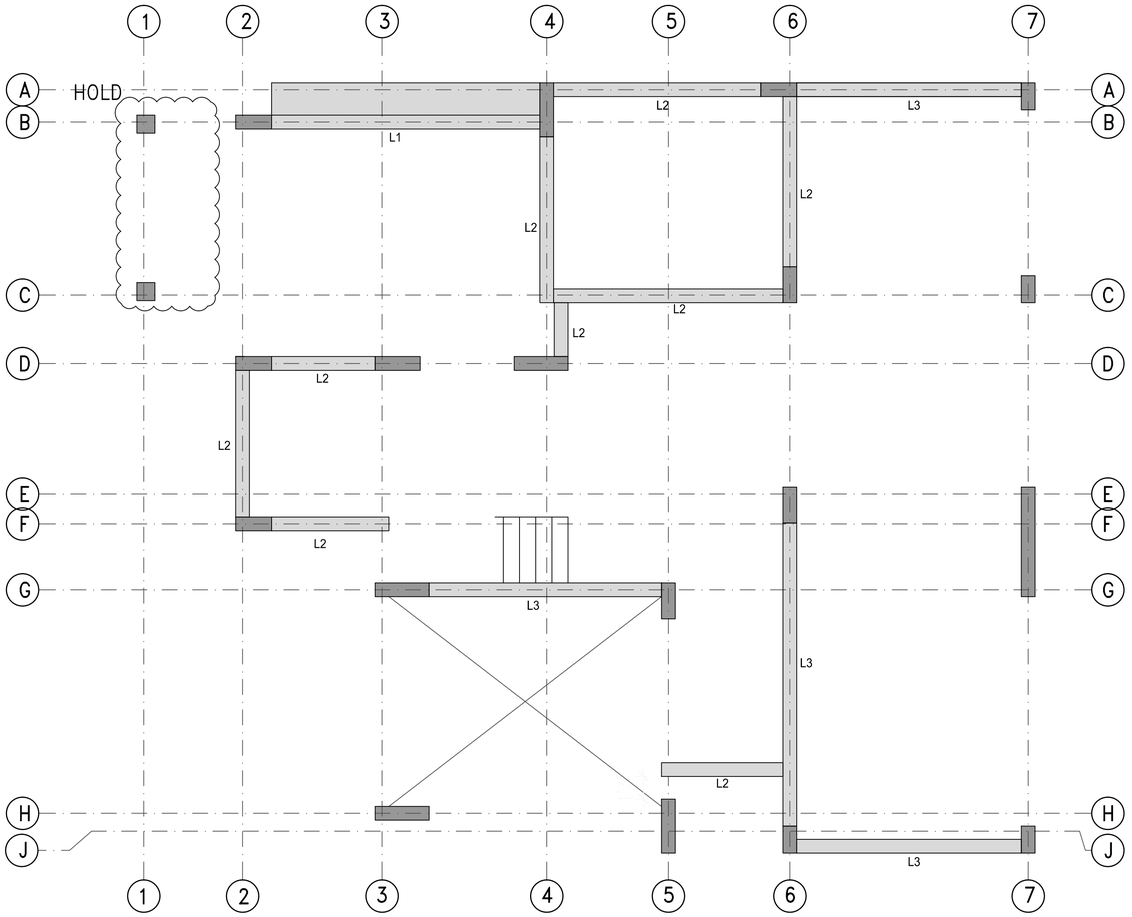
DRAWING NO : 02 | R0

SCALE : 1:50
DATE : 13.04.2013

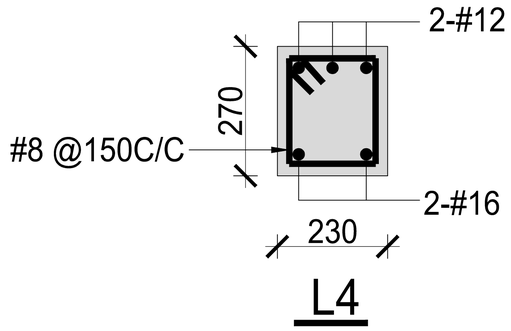
ANKIT PATEL
CONSULTING ENGINEERS
C/1 , JAYEN APP. , CHUNIBHAI COLONY, KANKARIYA,
AHMEDABAD-380022
PHONE : 09723618823
www.struccore.com

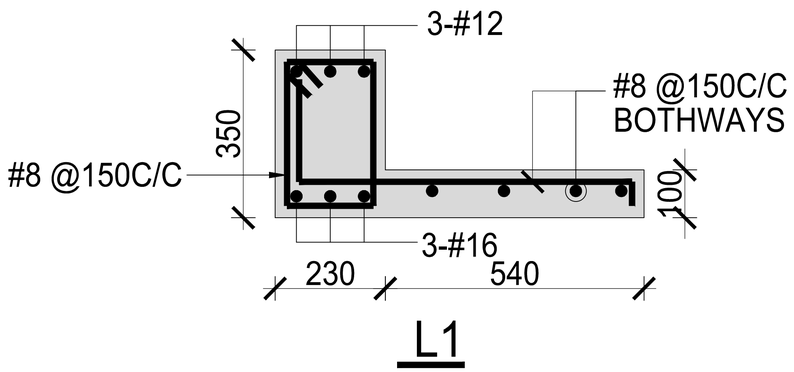
StrucCore

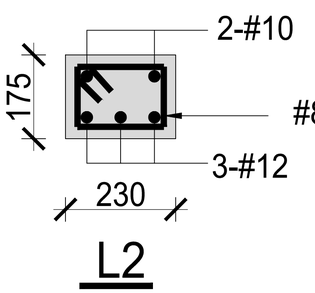
ISSUED TO	SETU	
DATE	13.04.13	
NO.OF PRINTS	e-mail	

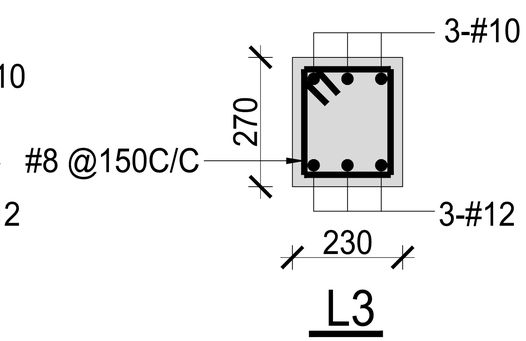


STRUCT. LAYOUT AT FIRST FLOOR BEAM LVL.
4.105m LVL.









Note:-where 350 mm depth Lintel do only 1 layer brick for beam bottom (for 9' 4.2" beam bottom)
Note:-where 270 mm depth Lintel do only 2 layer brick for beam bottom (for 9' 4.2" beam bottom)
Note:-where 150 mm depth Lintel do only 3 layer brick for beam bottom (for 9' 4.2" beam bottom)

NOTES :
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM .
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL. 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
12. THIS DRG. IS TO BE READ IN CONJUNCTION WITH SHEET NO.1 ,2,4 & 5.

REV.NO.	REVISION	CHD.BY	DATE

BUNGALOW

TITLE : STRUCT.DETAILS AT GROUND FLOOR LINTEL LVL.
(SHEET:6 OF 6)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

DRAWING NO : 06

R0

SCALE : 1:50
DATE : 06.07.2013

ANKIT PATEL
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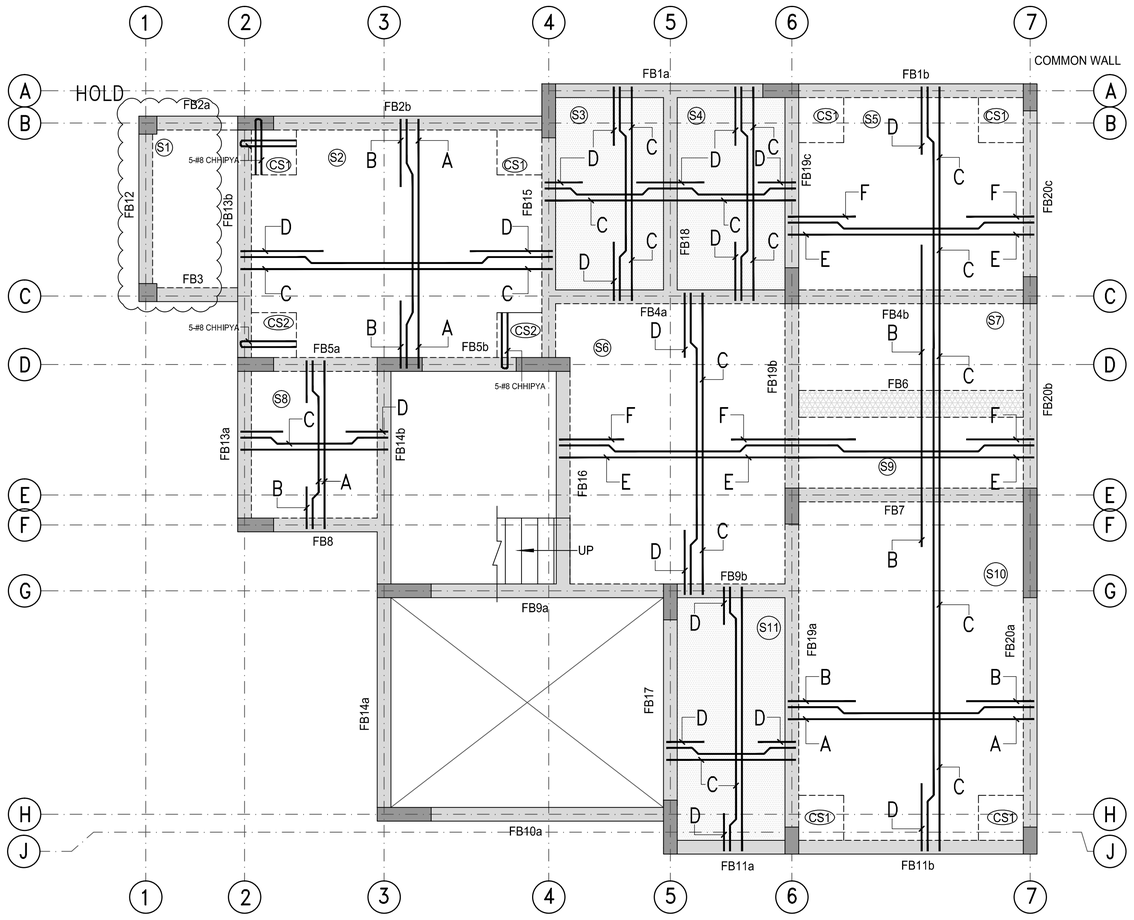
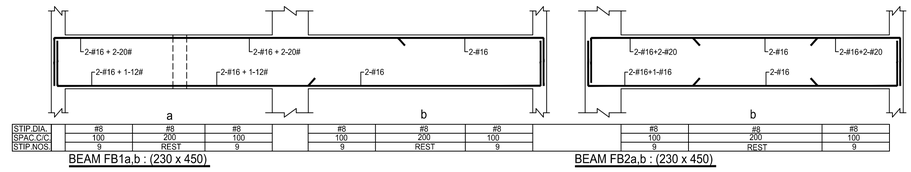


STRUCT. LAYOUT AT FIRST FLOOR BEAM LVL.
4.205m LVL.

DESIGNATION	THK.(mm)	SLAB TOP LVL.
S1,S2,S5 TO S10	125	4.205m LVL.
S3,S4,S11	125	3.905m LVL.

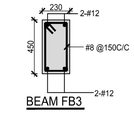
SCHEDULE OF SLAB STEEL	
A. -	T10 -100 C/C ALT. BENT UP
B. -	T10 -200 C/C EXTRA AT TOP
C. -	T10 -200 C/C ALT. BENT UP
D. -	T10 -400 C/C EXTRA AT TOP
E. -	T10 -150 C/C ALT. BENT UP
F. -	T10 -300 C/C EXTRA AT TOP



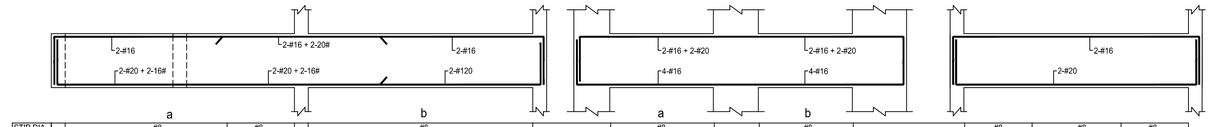
STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	100	200	100	100	200	100	100	200	100
STIP.NOS.	9	REST	9	9	REST	9	9	REST	9

BEAM FB1a,b : (230 x 450)

BEAM FB2a,b : (230 x 450)



BEAM FB3



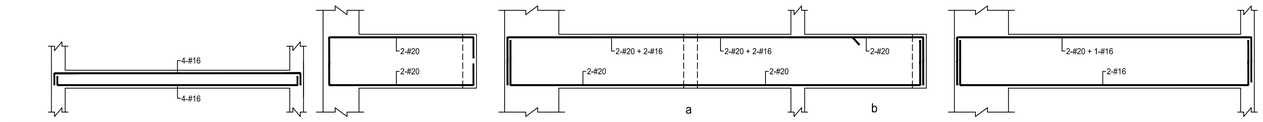
STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	200	100	150	100	100	100	100	200	100
STIP.NOS.	REST	9	ALL	ALL	ALL	ALL	9	ALL	9

BEAM FB4a : (230 x 450)

BEAM FB4b : (230 x 450)

BEAM FB5a,b : (230 x 450)

BEAM FB7 : (230 x 450)



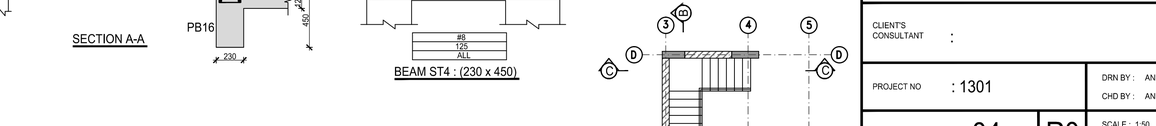
STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	150	100	200	100	200	100	100	200	100	100
STIP.NOS.	ALL	9	REST	9	REST	9	ALL	9	REST	9

BEAM FB6 : (450 x 125)
SLAB BEAM

BEAM FB8 : (230 x 150)

BEAM FB9 a,b : (230 x 450)

BEAM FB10 : (230 x 450)



STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	100	100	200	100	100	200	100	100	200	100
STIP.NOS.	ALL	9	REST	9	9	REST	9	9	REST	9

BEAM FB11 a,b : (230 x 450)

BEAM FB12 : (230 x 450)

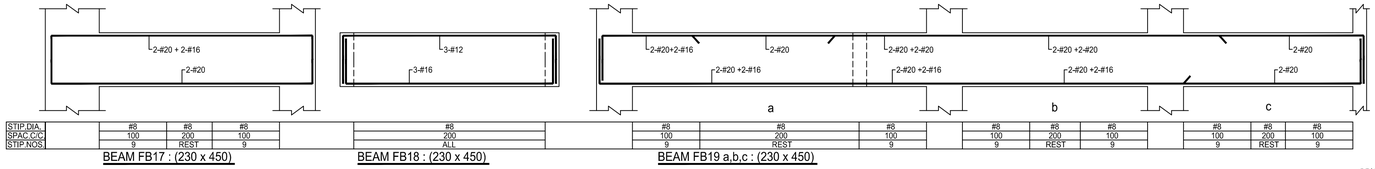
BEAM FB13 a,b: (230 x 450)

STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	100	200	100	100	200	100	100	200	100	200	100
STIP.NOS.	9	REST	9	9	REST	9	9	REST	9	REST	9

BEAM FB14 a,b : (230 x 450)

BEAM FB15 : (230 x 450)

BEAM FB16 : (230 x 450)

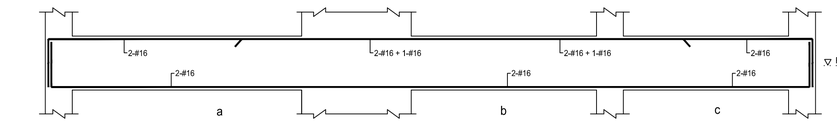


STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	100	200	100	100	200	100	100	200	100	100	200	100
STIP.NOS.	9	REST	9	9	REST	9	9	REST	9	9	REST	9

BEAM FB17 : (230 x 450)

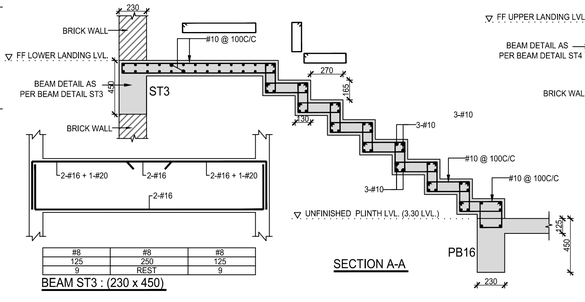
BEAM FB18 : (230 x 450)

BEAM FB19 a,b,c : (230 x 450)



STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	125	250	125	125	250	125	125	250	125	125
STIP.NOS.	9	REST	9	9	REST	9	9	REST	9	ALL

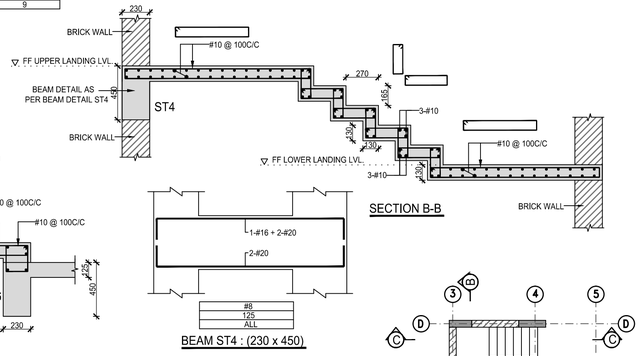
BEAM FB 20 a,b,c. : (230 x 450)



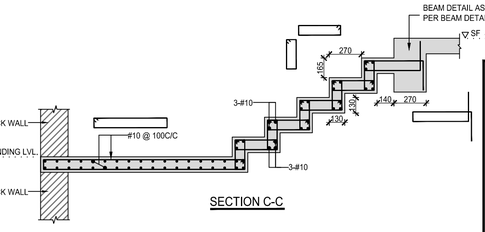
STIP.DIA.	#8	#8	#8
SPAC.C/C	125	250	125
STIP.NOS.	9	REST	9

BEAM ST3 : (230 x 450)

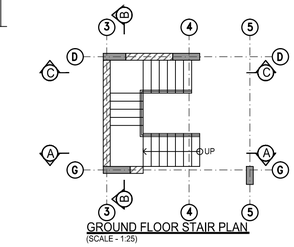
SECTION A-A



BEAM ST4 : (230 x 450)



SECTION C-C



GROUND FLOOR STAIR PLAN
(SCALE - 1:25)

NOTES :
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM.
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL. 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
12. THIS DRG. IS TO BE READ IN CONJUNCTION WITH SHEET NO.1 ,2,4 & 5.

REV.NO.	REVISION	CHD.BY	DATE

BUNGALOW

TITLE : STRUCT.DETAILS AT FIRST FLOOR SLAB LVL.
(SHEET:3 OF 5)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

DRAWING NO : 04 | R0

SCALE : 1:50
DATE : 06.07.2013

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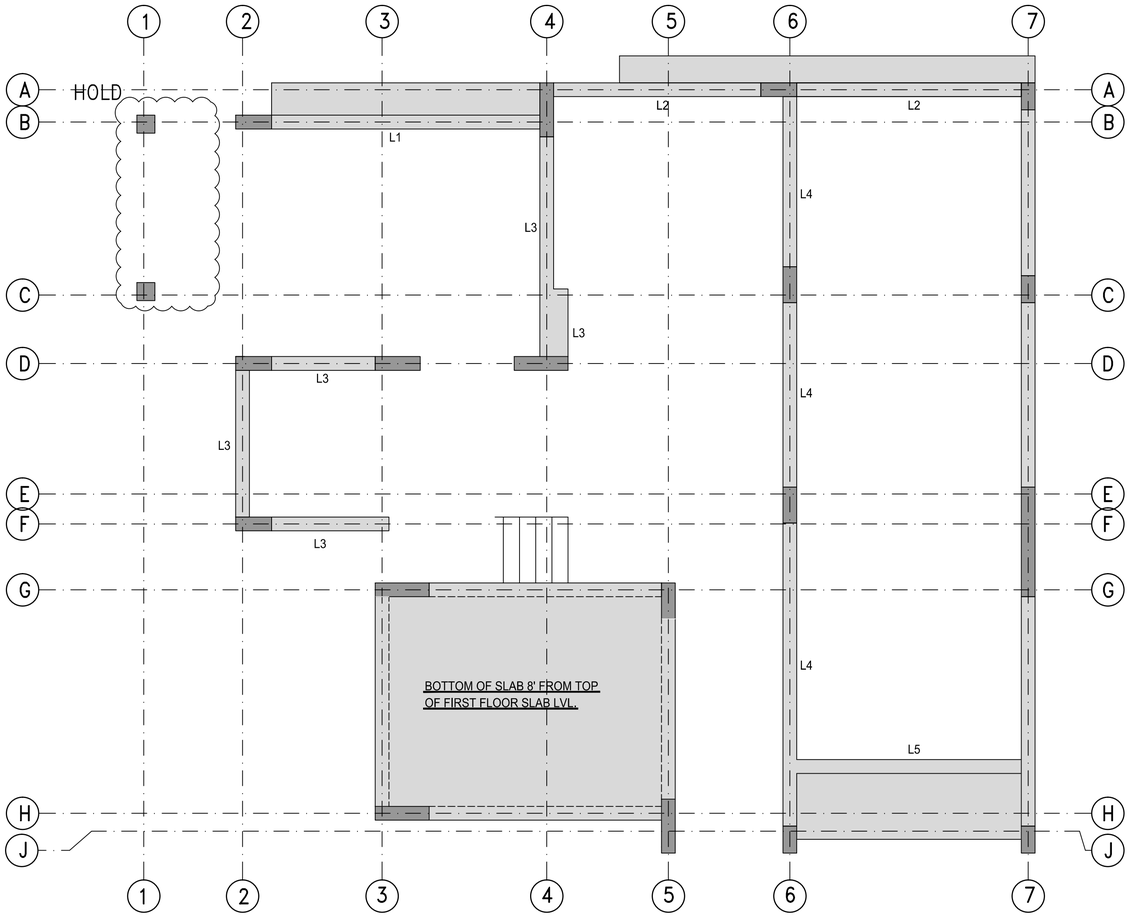
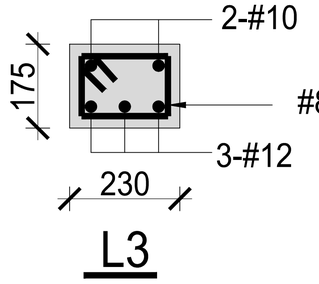
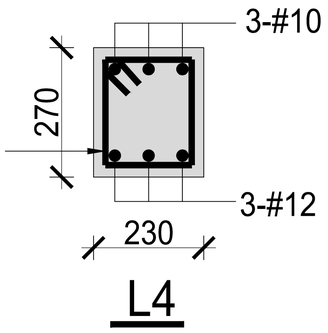
StrucCore



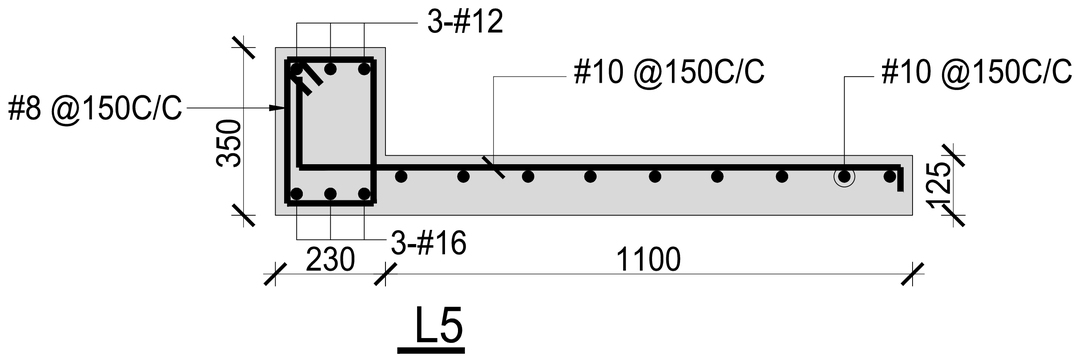
STRUCT. LAYOUT AT FIRST FLOOR LINTEL LVL.
8' FROM TOP OF FIRST FLOOR SLAB LVL.



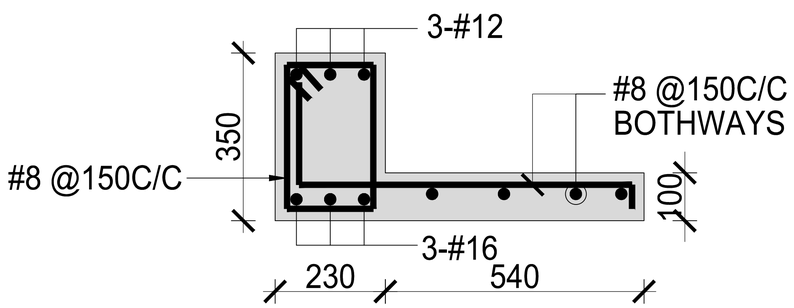
L3



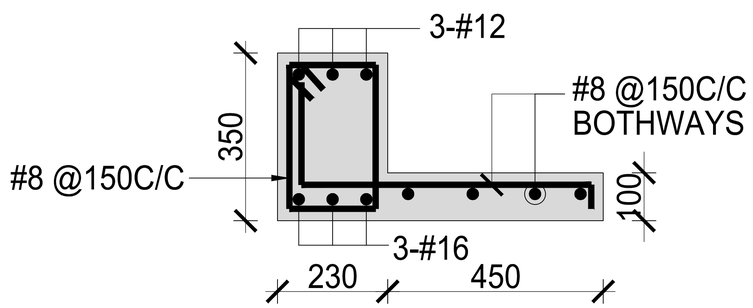
L4



L5



L1



L2

Note:-where 350 mm depth Lintel do only 1 layer brick for beam bottom (for 9' 4.2" beam bottom)
Note:-where 270 mm depth Lintel do only 2 layer brick for beam bottom (for 9' 4.2" beam bottom)
Note:-where 150 mm depth Lintel do only 3 layer brick for beam bottom (for 9' 4.2" beam bottom)

NOTES :
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM .
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL, 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
12. THIS DRG. IS TO BE READ IN CONJUNCTION WITH SHEET NO.1 ,2,4 & 5.

REV.NO.	REVISION	CHD.BY	DATE

BUNGALOW

TITLE : STRUCT.DETAILS AT FIRST FLOOR LINTEL LVL.
(SHEET:7 OF 8)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

DRAWING NO : 05 | R0

SCALE : 1:50
DATE : 06.07.2013

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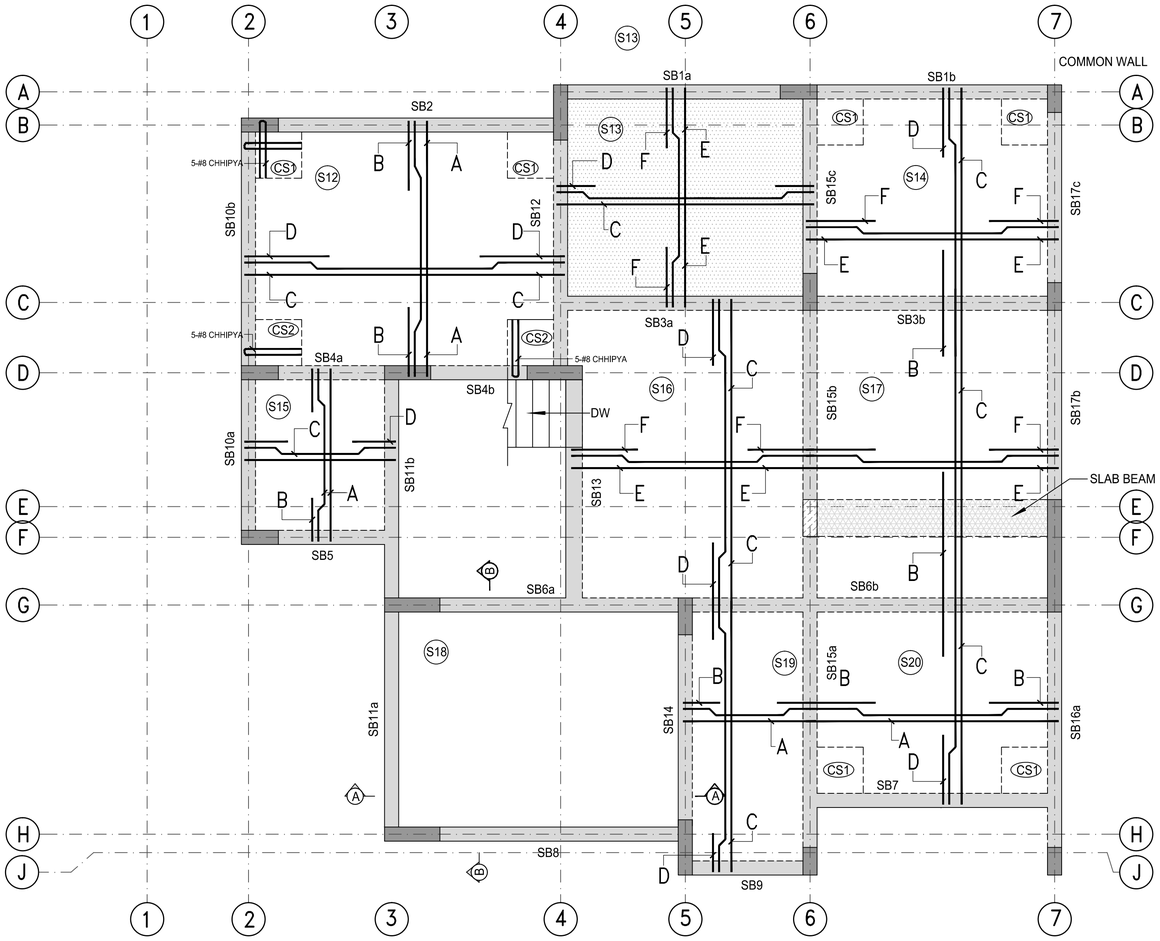
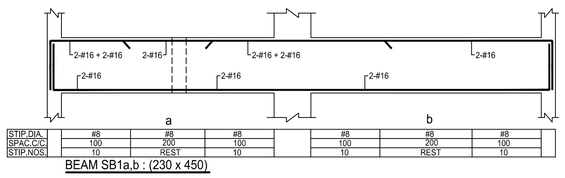


STRUCT. LAYOUT AT SECOND FLOOR BEAM LVL.,
7.505m LVL.

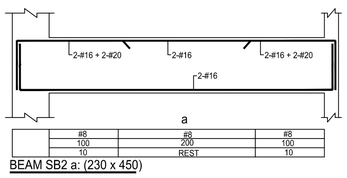
DESIGNATION	THK.(mm)	SLAB TOP LVL.
S12,S14 TO S17, S19, S20	125	7.505m LVL.
S13	125	7.205m LVL.
S18	200	6.805m LVL.

SCHEDULE OF SLAB STEEL	
A. -	T10 -100 C/C ALT. BENT UP
B. -	T10 -200 C/C EXTRA AT TOP
C. -	T10 -200 C/C ALT. BENT UP
D. -	T10 -400 C/C EXTRA AT TOP
E. -	T10 -150 C/C ALT. BENT UP
F. -	T10 -300 C/C EXTRA AT TOP



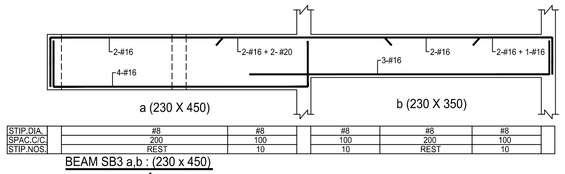
STIP.DIA.	#8	#8	#8	#8	#8	#8
SPAC.C/C	100	200	100	100	200	100
STIP.NOS.	10	REST	10	10	REST	10

BEAM SB1a,b : (230 x 450)



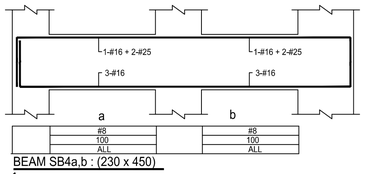
STIP.DIA.	#8	#8	#8
SPAC.C/C	100	200	100
STIP.NOS.	10	REST	10

BEAM SB2 a: (230 x 450)



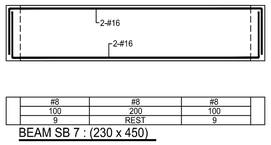
STIP.DIA.	#8	#8	#8	#8	#8
SPAC.C/C	200	100	100	200	100
STIP.NOS.	REST	10	10	REST	10

BEAM SB3 a,b : (230 x 450)



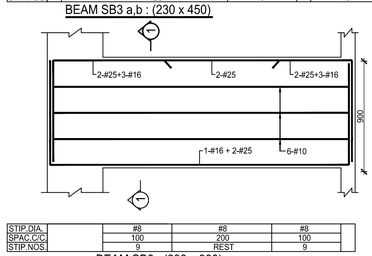
STIP.DIA.	#8	#8
SPAC.C/C	100	100
STIP.NOS.	ALL	ALL

BEAM SB4a,b : (230 x 450)



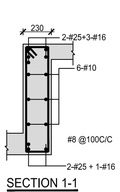
STIP.DIA.	#8	#8	#8
SPAC.C/C	100	200	100
STIP.NOS.	9	REST	9

BEAM SB 7 : (230 x 450)

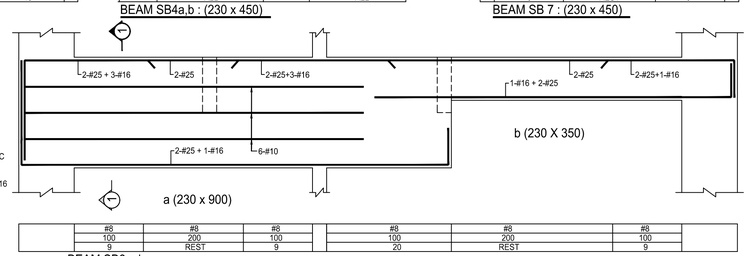


STIP.DIA.	#8	#8	#8
SPAC.C/C	100	200	100
STIP.NOS.	9	REST	9

BEAM SB8 : (230 x 900)

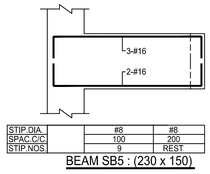


SECTION 1-1



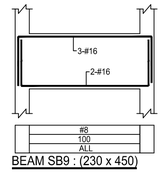
STIP.DIA.	#8	#8	#8	#8	#8	#8
SPAC.C/C	100	200	100	100	200	100
STIP.NOS.	9	REST	9	20	REST	9

BEAM SB6 a,b



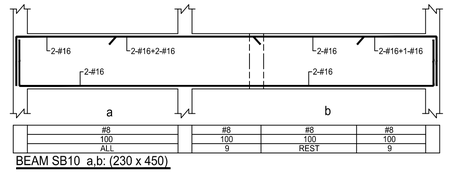
STIP.DIA.	#8	#8
SPAC.C/C	100	200
STIP.NOS.	9	REST

BEAM SB5 : (230 x 150)



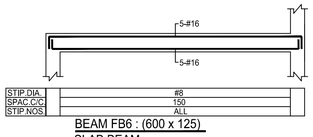
STIP.DIA.	#8
SPAC.C/C	100
STIP.NOS.	ALL

BEAM SB9 : (230 x 450)



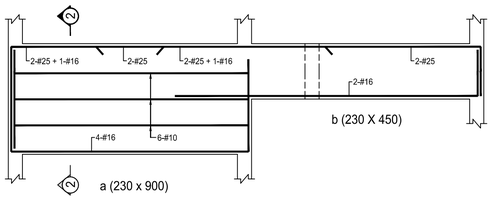
STIP.DIA.	#8	#8	#8	#8
SPAC.C/C	100	100	100	100
STIP.NOS.	ALL	9	REST	9

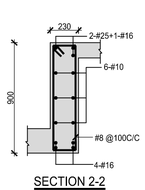
BEAM SB10 a,b: (230 x 450)



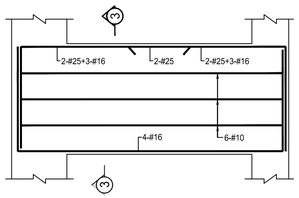
STIP.DIA.	#8
SPAC.C/C	150
STIP.NOS.	ALL

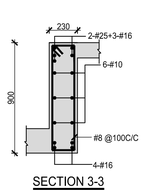
BEAM FB6 : (600 x 125)
SLAB BEAM





SECTION 2-2



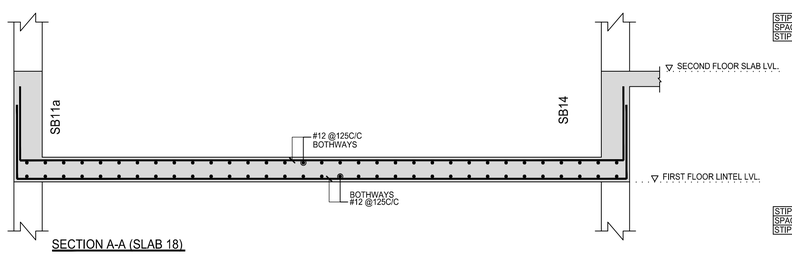


SECTION 3-3

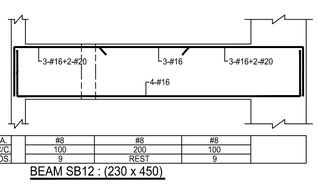
STIP.DIA.	#8	#8	#8	#8	#8	#8
SPAC.C/C	100	200	100	100	200	100
STIP.NOS.	9	REST	9	9	REST	9

BEAM SB11 a,b

BEAM SB14: (230 x 900)

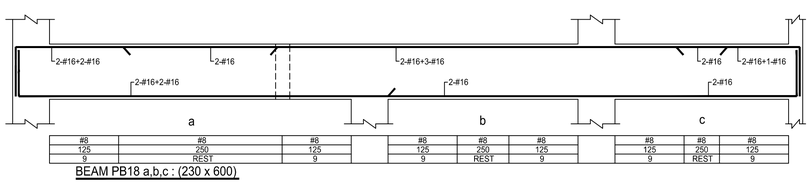


SECTION A-A (SLAB 18)



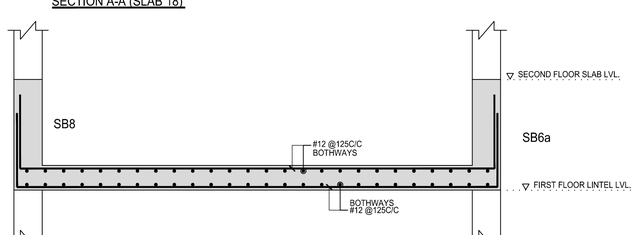
STIP.DIA.	#8	#8	#8
SPAC.C/C	100	200	100
STIP.NOS.	9	REST	9

BEAM SB12 : (230 x 450)

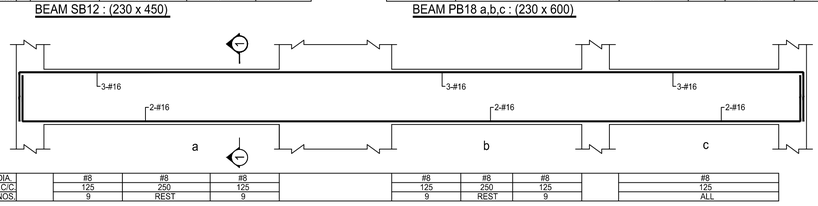


STIP.DIA.	#8	#8	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	125	250	125	125	250	125	125	250	125
STIP.NOS.	9	REST	9	9	REST	9	9	REST	9

BEAM PB18 a,b,c : (230 x 600)

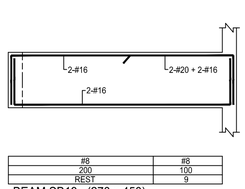


SECTION B-B(SLAB 18)



STIP.DIA.	#8	#8	#8	#8	#8	#8	#8
SPAC.C/C	125	250	125	125	250	125	125
STIP.NOS.	9	REST	9	9	REST	9	ALL

BEAM SB 16 a,b,c. : (230 x 450)



STIP.DIA.	#8	#8
SPAC.C/C	200	100
STIP.NOS.	REST	9

BEAM SB13 : (270 x 450)

NOTES :-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM. .
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL. 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
12. THIS DRG. IS TO BE READ IN CONJUNCTION WITH SHEET NO.1 ,2,4 & 5.

REV.NO.	REVISION	CHD.BY	DATE

BUNGALOW

TITLE : STRUCT.DETAILS AT SECOND FLOOR SLAB LVL.
(SHEET:4 OF 5)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

DRAWING NO : 06 | R0

SCALE : 1:50
DATE : 29.08.2013

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PHONE : 09723618823
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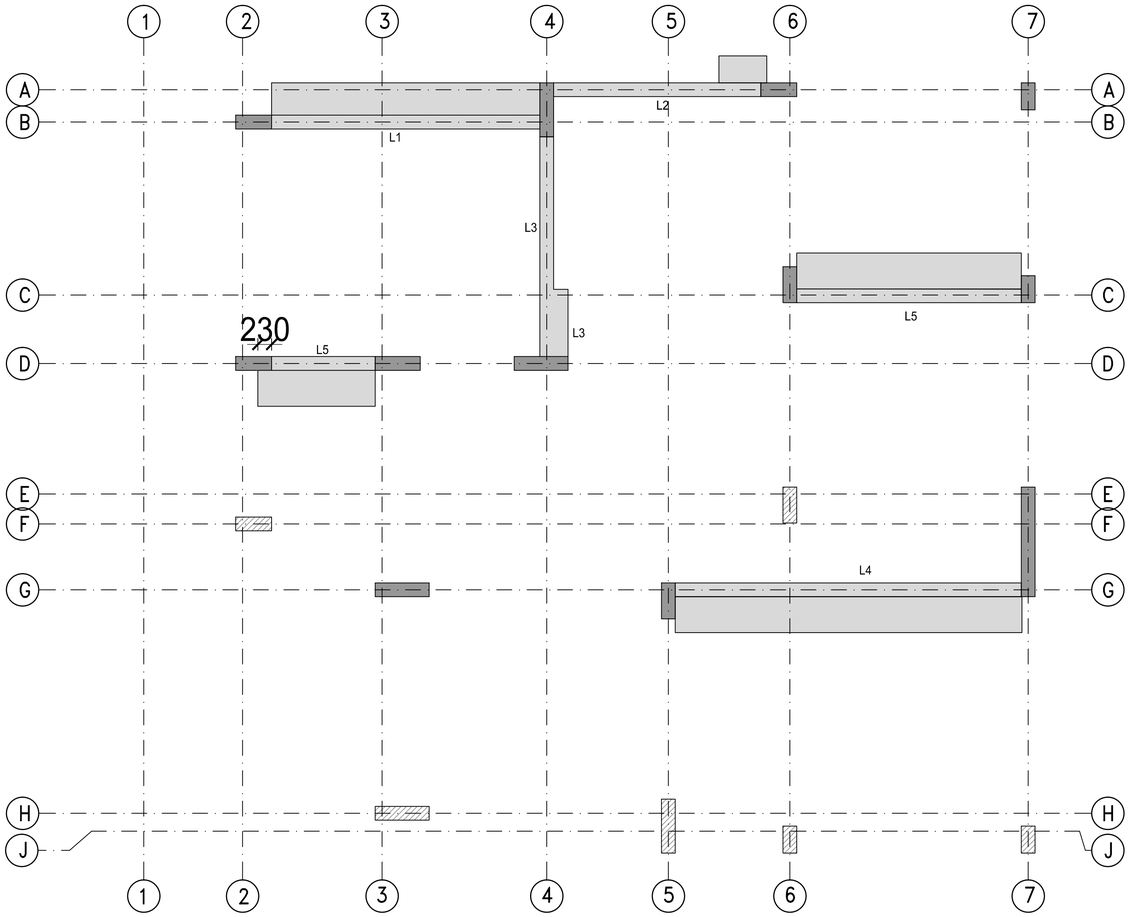
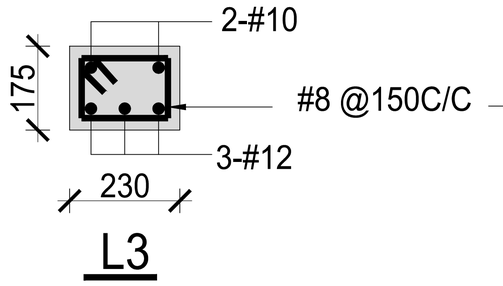
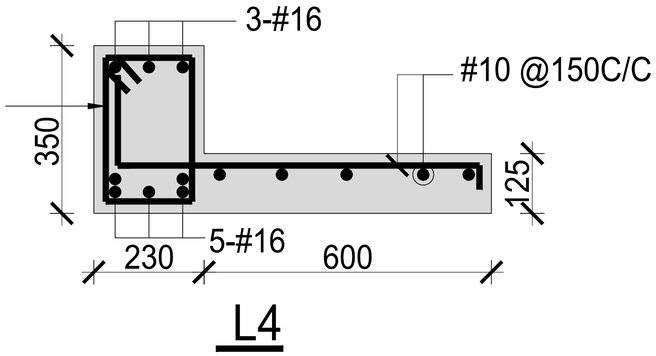
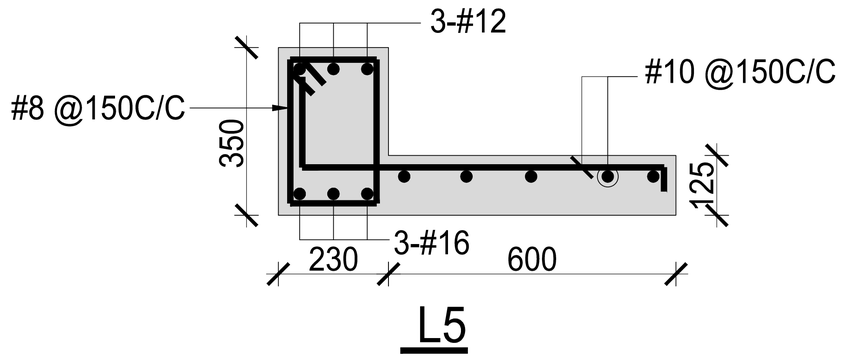
StrucCore

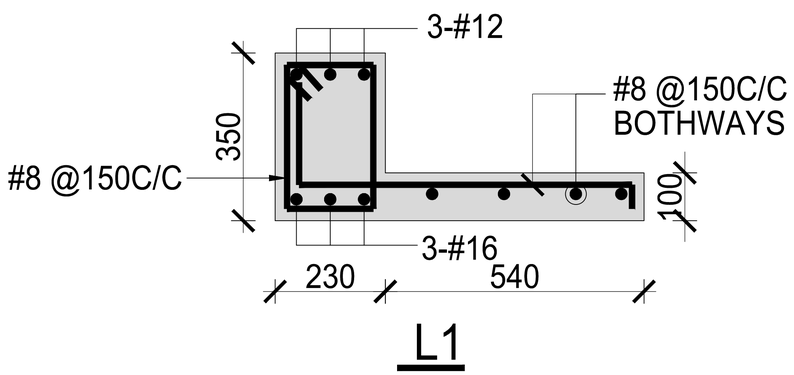


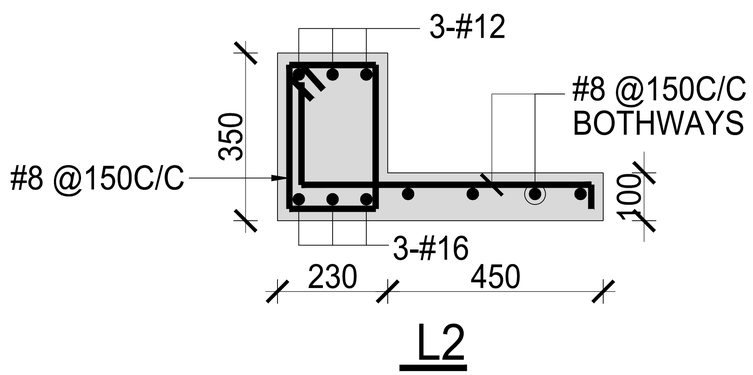
STRUCT. LAYOUT AT FIRST FLOOR LINTEL LVL.
8' FROM TOP OF FIRST FLOOR SLAB LVL.











Note:-where 350 mm depth Lintel do only 1 layer brick for beam bottom (for 9' 4.2" beam bottom)
Note:-where 270 mm depth Lintel do only 2 layer brick for beam bottom (for 9' 4.2" beam bottom)
Note:-where 150 mm depth Lintel do only 3 layer brick for beam bottom (for 9' 4.2" beam bottom)

NOTES :
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM .
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL., 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
12. THIS DRG. IS TO BE READ IN CONJUNCTION WITH SHEET NO.1 ,2,4 & 5.

REV.NO.	REVISION	CHD.BY	DATE

BUNGALOW

TITLE : STRUCT.DETAILS AT FIRST FLOOR LINTEL LVL.
(SHEET:7 OF 8)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

DRAWING NO : 07

R0

SCALE : 1:50
DATE : 06.07.2013

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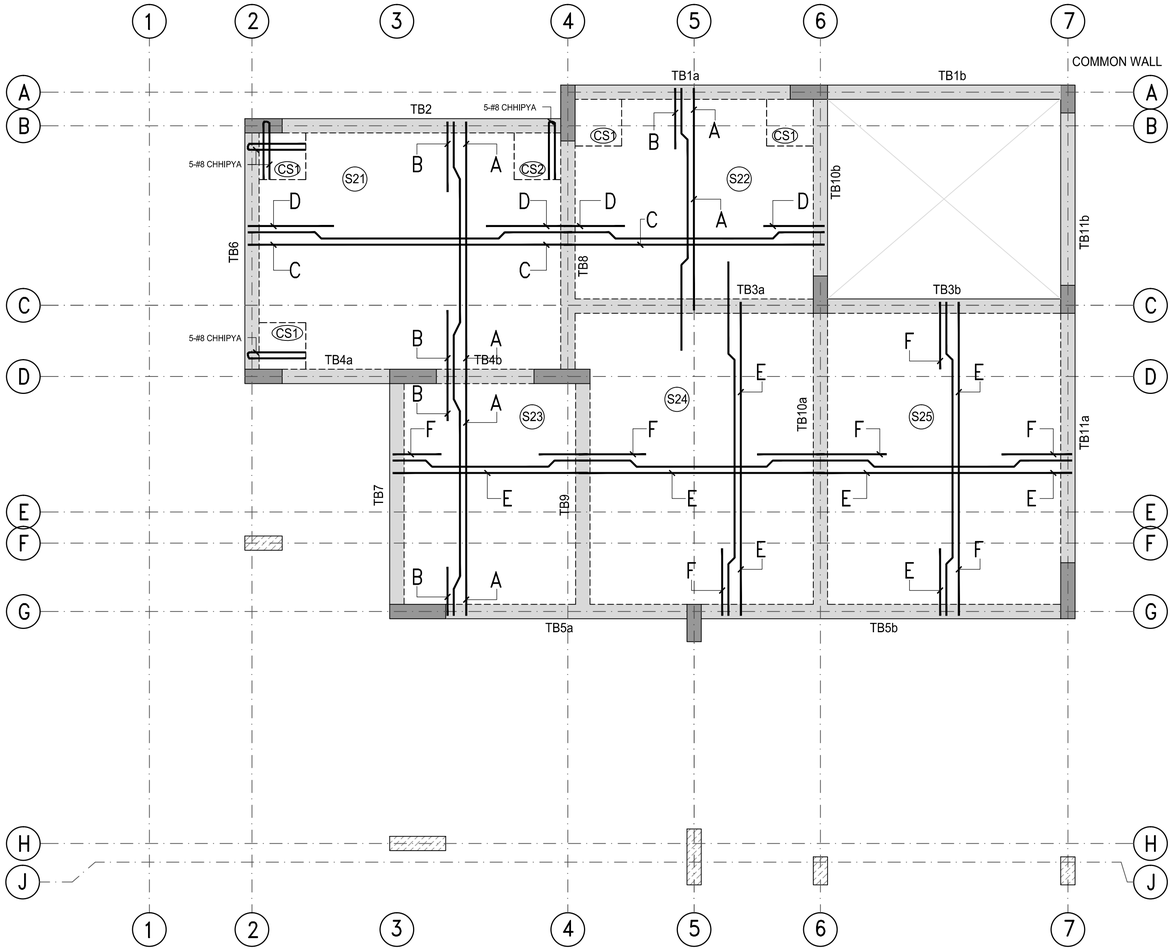
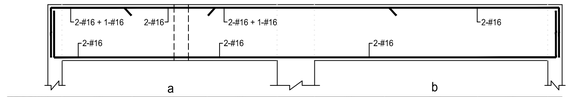
StrucCore



STRUCT. LAYOUT AT TERRACE SLAB LVL.
7.505m LVL.

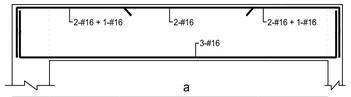
DESIGNATION	THK.(mm)	SLAB TOP LVL.
S21 TO S25	125	10.805m LVL.

SCHEDULE OF SLAB STEEL	
A. -	T10 -100 C/C ALT. BENT UP
B. -	T10 -200 C/C EXTRA AT TOP
C. -	T10 -200 C/C ALT. BENT UP
D. -	T10 -400 C/C EXTRA AT TOP
E. -	T10 -150 C/C ALT. BENT UP
F. -	T10 -300 C/C EXTRA AT TOP



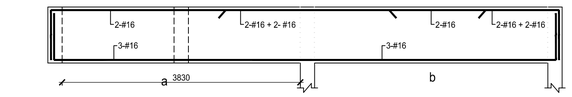
STIP.DIA.	#8	#8	#8	#8	#8	#8
SPAC.C/C.	100	200	100	100	200	100
STIP.NOS.	10	REST	10	10	REST	10

BEAM TB1a,b : (230 x 450)



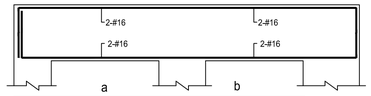
#8	#8	#8
100	200	100
10	REST	10

BEAM TB2 a: (230 x 450)



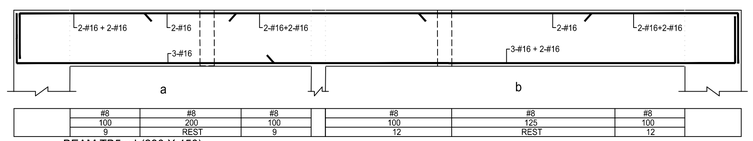
STIP.DIA.	#8	#8	#8	#8	#8
SPAC.C/C.	200	100	100	200	100
STIP.NOS.	REST	10	10	REST	10

BEAM TB3 a,b : (230 x 450)



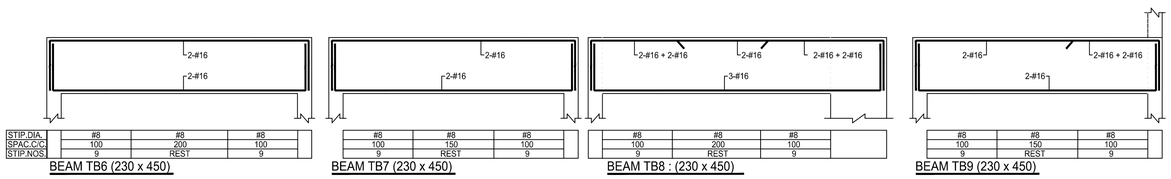
#8	#8
100	100
ALL	ALL

BEAM TB4a,b : (230 x 450)



#8	#8	#8	#8	#8	#8
100	200	100	100	125	100
9	REST	9	12	REST	12

BEAM TB5 a,b(230 X 450)



STIP.DIA.	#8	#8	#8
SPAC.C/C.	100	200	100
STIP.NOS.	9	REST	9

BEAM TB6 (230 x 450)

#8	#8	#8
100	150	100
9	REST	9

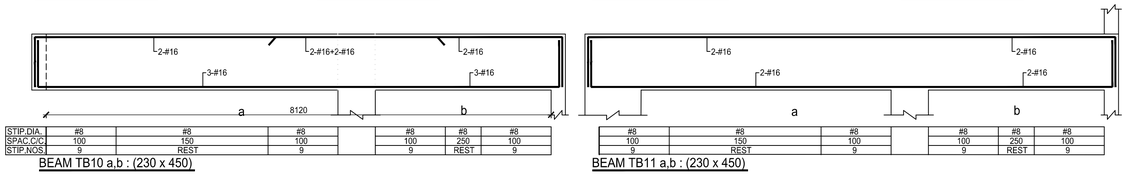
BEAM TB7 (230 x 450)

#8	#8	#8
100	200	100
9	REST	9

BEAM TB8 : (230 x 450)

#8	#8	#8
100	150	100
9	REST	9

BEAM TB9 (230 x 450)



STIP.DIA.	#8	#8	#8	#8	#8	#8
SPAC.C/C.	100	150	100	100	250	100
STIP.NOS.	9	REST	9	9	REST	9

BEAM TB10 a,b : (230 x 450)

#8	#8	#8	#8	#8	#8
100	150	100	100	250	100
9	REST	9	9	REST	9

BEAM TB11 a,b : (230 x 450)

NOTES :
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METRES.
2. DISCREPANCY IN DRAWING IF ANY SHALL BE BROUGHT TO THE NOTICE OF THE SITE ENGINEER PRIOR TO CONSTRUCTION.
3. ALL R.C.C. WORK TO COMPLY IS : 456.
4. ALL CONCRETE MIX TO BE M25 UP TO PLINTH LVL. & M20 ABOVE PLINTH LVL.
5. REINFORCEMENT STEEL WORK SHALL CONFIRM TO I.S.2502
6. # INDICATES CRS Fe-415 REINF. STEEL COMPLYING WITH IS:1786 WITH MIN. PROOF STRESS OF 415 N / SQ.MM .
7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 MM FOR COLUMN FOOTING, 40 MM FOR COL. 30 MM FOR BEAM AND 25 MM FOR SLAB.
8. LAPS TO THE REINF. WILL BE PROVIDED AS FOLLOWS: 50 x BAR DIA. FOR ALL.
9. NOT MORE THAN 50 % BARS SHALL BE LAPPED AT A SECTION (LOCATION OF LAPS SHALL BE APPROVED BY SITE ENGINEER)
10. SOIL BEARING CAPACITY OF CONSIDERED AS 20 T / SQ.MT.
11. STRUCTURE HAS BEEN DESIGN FOR G+2 FLOOR ONLY.
12. THIS DRG. IS TO BE READ IN CONJUNCTION WITH SHEET NO.1 ,2,3 & 4.

REV.NO.	REVISION	CHD.BY	DATE

BUNGALOW

TITLE : STRUCT.DETAILS AT TERRACE SLAB LVL.
(SHEET:5 OF 5)

CONTRACTOR :

CLIENT'S CONSULTANT :

PROJECT NO : 1301

DRN BY : ANKIT PATEL
CHD BY : ANKIT PATEL

DRAWING NO : 08 | R0

SCALE : 1:50
DATE : 29.08.2013

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