

NOTICE INVITING TENDER

BALGRAN- A charitable Home for destitute children registered with Registrar of Societies, J&K Jammu invites sealed tenders in two envelop system (Technical and Financial) for the works as per particulars given as under: -

S. NO.	Particulars	Approx. Cost (In Lacs)	Earnest Money (In Rs.)	Cost of Tender Document (Rs.)	Time of Completion (In Days)
1.	Construction of Multipurpose Hall in Balgran, Channi Rama Jammu (SH-Earthwork, Formwork, Steelwork, PCC and RCC Work upto 1 st Floor Level).	13.21	26,420	500	180

The Tender Document containing detailed terms and conditions can be seen and downloaded from our website www.balgran.in or can be had from its office at Channi Rama, Jammu (J&K). Last date for submission by Post or Courier in Balgran Office on or before 26-03-2021, Time 2.00 PM.

Tenders (Technical envelope) will be opened on same date or any other subsequent date convenient to the organisation.

For any further details, contact Sh. A. K. Khajuria (President: - 9419106676) or Sh. V. K. Raina (Hony. Secretary; 9419153209); Office Land Line: - 0191-2461982.

For and on behalf of Balgran

Hony. Secretary

Notice Inviting Tender (Terms and Conditions)

BALGRAN, a charitable Home for destitute children registered with Registrar of Societies, J&K Jammu in 2014 invited sealed tenders in two envelop system (Technical and Financial) for the works as per particulars given as under: -

S. No.	Particulars	Approx. Cost (In Lacs)	Earnest Money (In Rs.)	Cost of Tender Document (Rs.)	Time of Completion (In Days)
1.	Construction of Multipurpose Hall in Balgran, Channi Rama Jammu (SH-Earthwork, Formwork, Steelwork, PCC and RCC Work upto 1 st Floor Level).	13.21	26,420	500	180

Detailed Terms and Conditions: -

1. The Tender Document containing detailed terms and conditions can be seen and downloaded from our website www.balgran.in or can be had from its office at Channi Rama, Jammu (J&K). Last date for submission by Post or Courier in Balgran Office on or before 26.03.2021, Time 2.00 PM.
2. EMD as prescribed above shall be submitted as part of Technical Bid along with other credentials viz., copy of Contractor's Registration Certificate, Aadhar Card, PAN Card, GST Registration, Experience Certificate including Plant & Machines etc.,
3. The bidder who has completed RCC Frame Structure measuring atleast 3000 sft shall only be eligible to bid for the work.
4. Time and Quality is the essence of the contract and Penalty @ 2% for delay per month upto maximum 10% shall be imposed for delay.
5. Work shall be done as per Design and Drawings enclosed and as per relevant quality standards and specifications. Sub standard work shall be out rightly rejected and not be paid.
6. Scope: - The scope of work shall comprise of the following: -
 - a. Earthwork in excavation for foundations and back filling upto plinth level;
 - b. Laying of PCC, RCC, Formwork and Reinforcement Work in Foundations, Pedestals, Plinth Beams, Columns, Slab Beams and Roof Slab as well as Staircase in ground floor construction upto 1st Floor Level.
 - c. The work shall also include laying of PVC Conduits and Fan Boxes in RCC Slab.
7. The intending Bidder shall quote a Lump Sum Price for the work as per drawings and details provided with the tender document. The Price shall cover the cost of Labour, Plant & Machines, Binding Wire, Formwork using good quality Plywood and Steel Plates, Sand and Aggregates, PVC Conduits and Fan Boxes in RCC Slab etc., The quoted price shall not include the cost of Cement and Steel which shall be provided free of cost by the Society (Balgran Management). The quoted price shall not

include the component of GST. The contractor shall produce invoice of GST which shall be reimbursed accordingly. The Bids which are found technically responsive shall only be considered for opening of Financial Bid. The work shall be allotted to the lowest responsive bidder.

8. Payment Mode: - The payment shall be released to the contractor in following stages: -

Payment Stage – I: - 25% payment shall be released on certified completion of work upto Plinth Level i.e., casting of Plinth Beams;

Payment Stage – II: - 10% payment (Total 35%) shall be released on certified completion of work of RCC Columns and Staircase;

Payment Stage – III (Final): - Balance 65% payment (Total 100%) shall be released on certified completion of RCC Slab at 1st Floor Level.

For any further details, contact SH. Ashok Kapoor (Governing Body Member 9419795271), Sh. A. K. Khajuria (President: - 9419106676) or Sh. V. K. Raina (Hony. Secretary; 9419153209); Office Land Line: - 0191-2461982.

For and on behalf of Balgran

Hony.Secretary

Note: -

BALGRAN is a charitable society being run on donations by the donors/members. The intending bidders are welcome to quote judiciously and offer their contribution to the society.

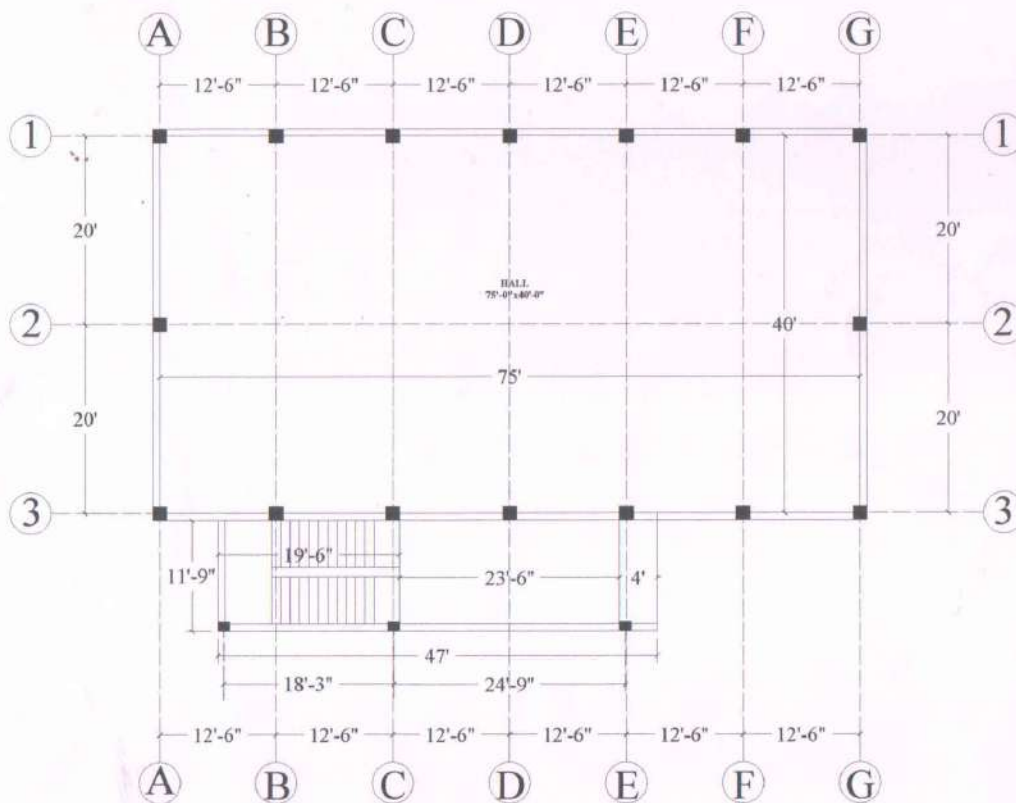
Estimate for construction of Multipurpose Hall in Balgran at Channi Rama Jammu

S. No.	Item	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
	Earthwork in excation in foundations by				
1	Mechanical means.	Cum	205.15	150	30773
	Footings;				
	F1 = 1*2.44*2.44*1.50		8.93		
	F2, F5 & F6 = 8*2.90*2.90*1.50		100.92		
	F3 = 3*2.29*2.29*1.50		23.60		
	F4 & F9= 4*2.59*2.59*1.50		35.10		
	F7 = 2*3.20*3.20*1.50		30.72		
	F8 = 1*1.98*1.98*1.50		5.88		
	Total		205.15		
	Labour for PCC work M7.5 (1:4:8) including				
2	Plant, Equipment and curing complete	Cum	50	1100	55000
	Formwork using Plywood/Steel Plates				
	including centering, shuttering & propping				
3	complete	Sqm	744.47	400	297790
	Footings;				
	F1 = 1*4*2.44*0.33		3.22		
	F2, F5 & F6 = 8*4*2.90*0.40		37.12		
	F3 = 3*4*2.29*0.29		7.97		
	F4 & F9= 4*4*2.59*0.35		14.50		
	F7 = 2*4*3.20*0.45		11.52		
	F8 = 1*4*1.98*0.25		1.98		
	Total		76.31		
	Pedestals				
	C1 = 1*4*0.75*1.17		3.51		
	C2, C5, C9, C11, C13, C14, C18 =				
	7*4*0.75*1.10		23.10		
	C3, C17, C19 = 3*4*0.75*1.21		10.89		
	C4 = 1*2*(0.60+0.68)*1.15		2.94		
	C6, C15, C16 = 3*4*0.75*1.15		10.35		
	C7 = 1*2*(0.60+0.68)*1.10		2.82		
	C8, C10 = 2*4*0.75*1.05		6.30		
	C12 = 1*2*(0.60+0.68)*1.25		3.20		
	Total		63.11		
	Plinth Beams				
	Hall = 2*(22.87+12.20)*(2*0.45+1*0.23)		79.26		
	Staircase = (1*14.33+2*3.35)*(2*0.45+1*0.23)		23.76		
	Total		103.02		
	Columns				
	16*4*0.45*3.0		86.40		
	3*2*(0.30+0.38)*3.0		12.24		

	Total	98.64
Slab Beams		
Hall = $2*(22.87+12.20)*(1*0.45+1*0.30)$		52.61
Staircase = $(1*14.33+2*3.35)*(2*0.45+1*0.23)$		23.76
Slab = $22.87*12.20$		279.01
Staircase = $14.33*3.35$		48.01
Total		403.39

Labour for RCC work M20 (1:1.5:3) including					
4	Plant, Equipment and curing complete	Cum	173	1350	233550
Labour for Steel reinforcement work including bending, binding and placing in position					
5	including cost of binding wire complete	Kg.	18850	15	282750
6	Total Labour including Plant & Machinery				899863
7 Material Supply					
a.	Sand	Cum	100.35	1200	120420
b.	Aggregates	Cum	200.7	1500	301050
8	Total of Sand and Aggregates				421470
9	G. Total Labour + P&M + Aggregates				1321333
10	Cement	Bags	1600	400	640000
11	Steel	Kg	18850	60	1131000
12	G. Total				3092333

Say Rs. 30.92 Lacs



PROJECT
**PROP. CHILDREN HOME
 AT CHANNI (JAMMU)**

SHEET TITLE
WORKING

CLIENT

REVISIONS

NO.	DATE	REMARKS

Job No:

DRG NO. RDA-STR-C-43(A)

Date:

Scale:

File Name:

Drawn by: Chetan

Checked by: SABIR

APPROVED:

DARSHAN GUPTA

ISSUED FOR:

ISSUED ON:

EXECUTION

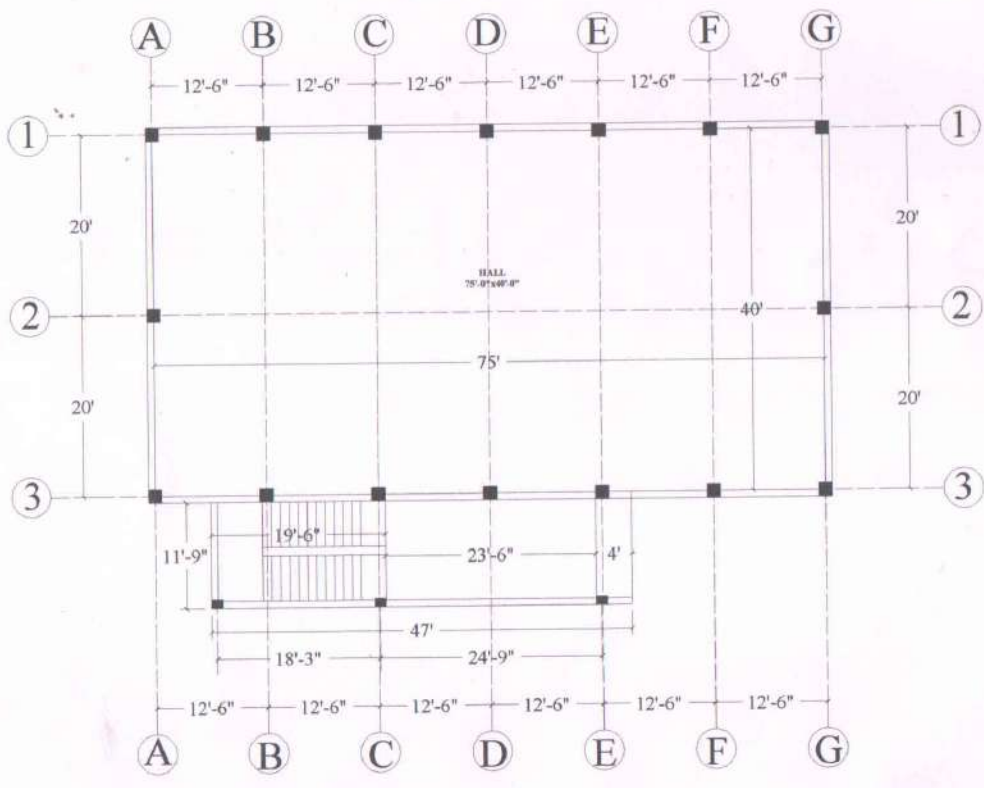
SEP / 2019

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R - DESIGN ASSOCIATES
 252 PARTAP GARH
 JAMMU (TAWI)
 Tel :- (191) 2544877
 (191) 2548683
 Consultants

Er. Darshan Gupta



PROJECT
PROP. CHILDREN HOME
AT CHANNI (JAMMU)

SHEET TITLE
WORKING

CLIENT

REVISIONS		
NO.	DATE	REMARKS

DRG NO. RDA-STR-C-43-(A)

Date: _____

Scale: _____

File Name: _____

Drawn by: Chetan

Checked by: SABIR


Job No: _____

APPROVED: DARSHAN GUPTA

ISSUED FOR: EXECUTION

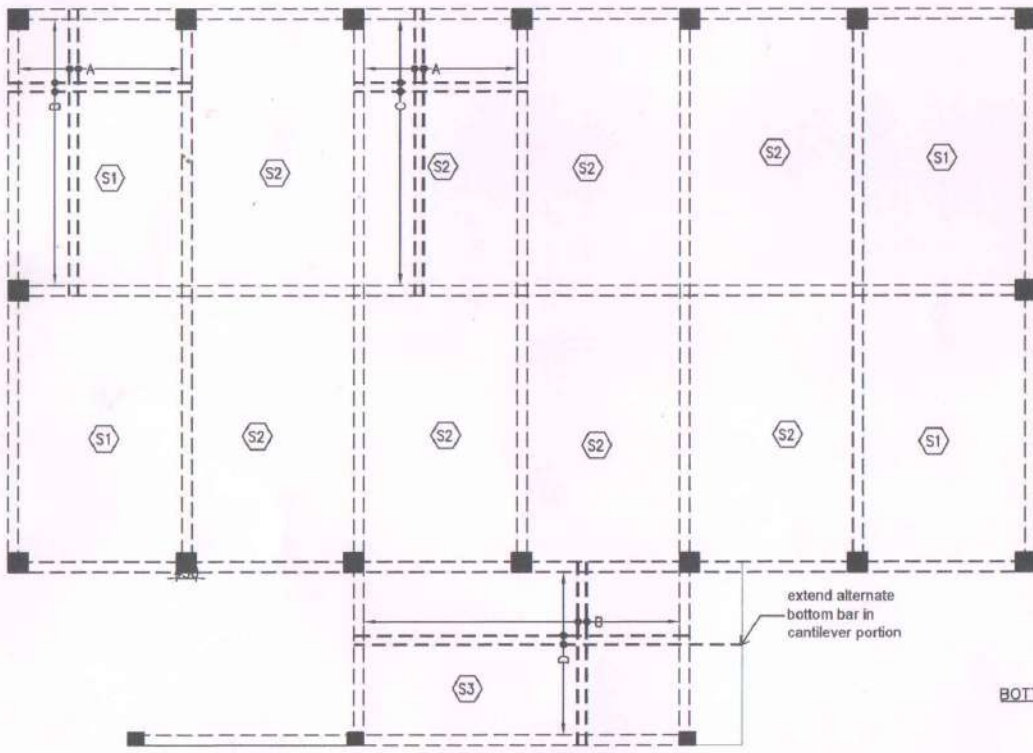
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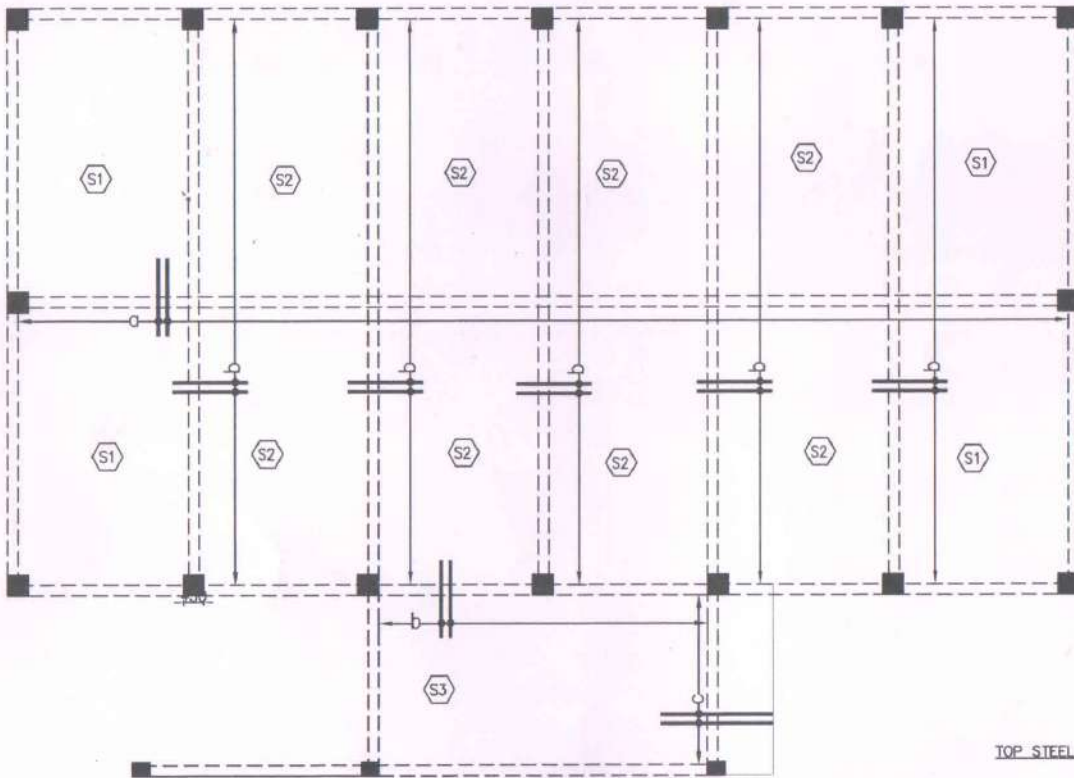
Er. Darshan Gupta



**BOTTOM STEEL LAYOUT PLAN
(F.F.LVL)**

BOTTOM STEEL LEGEND: - - - - -
 (A) ---10Φ @ 120 CRS
 (B) ---10Φ @ 150 CRS
 (C) ---10Φ @ 170 CRS
 (D) ---8Φ @ 150 CRS
 SLAB THICKNESS 150mm.

PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE FIRST FLOOR PLAN BOTTOM STEEL	REVISIONS	DRG NO. RDA-STR-C-43/02(A)	APPROVED: DARSHAN GUPTA	R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAWI) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta										
	CLIENT		<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.		DATE	REMARKS								
NO.	DATE	REMARKS													
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			Drawn by: RIMPLU												
			Checked by: SABIR												
			Job No: J-19/C-43												




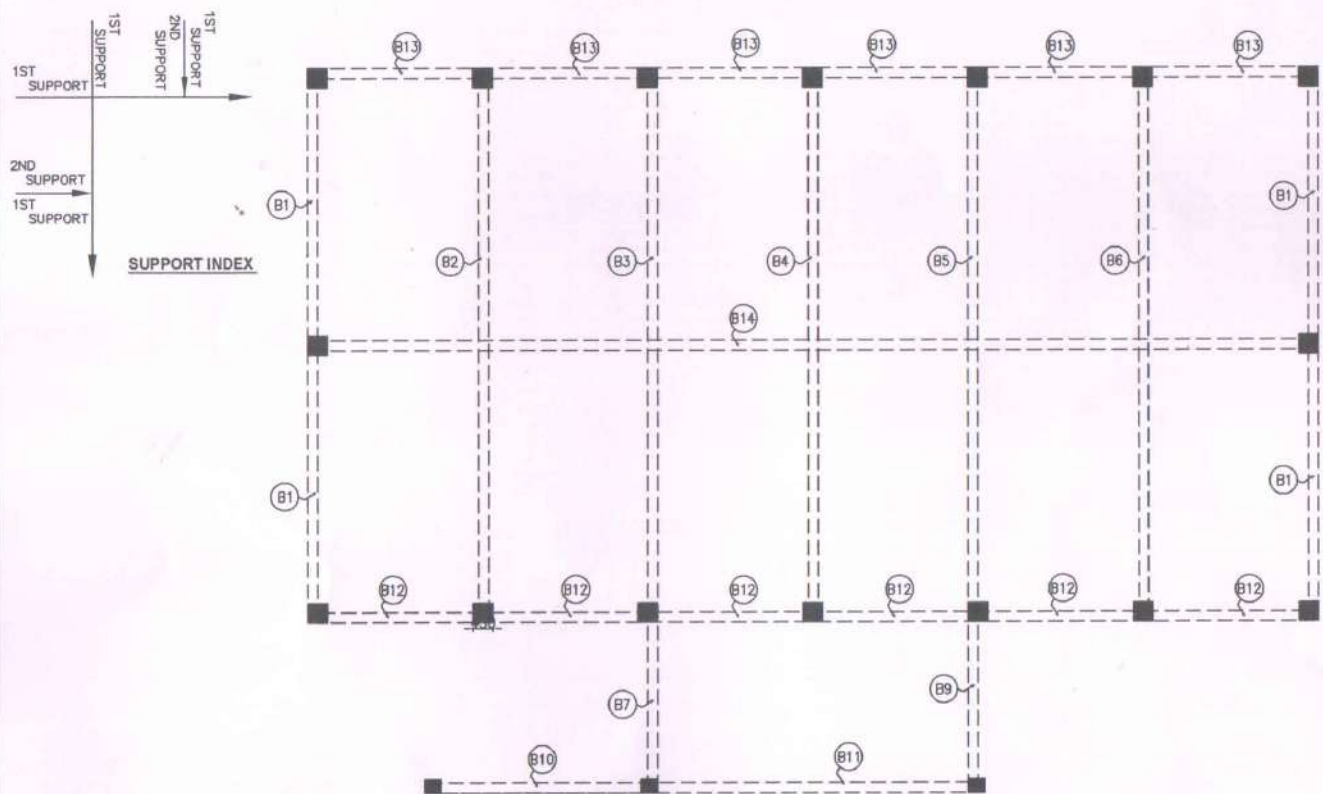
TOP STEEL LEGEND:-

- (a) ---10φ ● 150 CRS
- (b) ---10φ ● 170 CRS
- (c) ---10φ ● 100 CRS


SLAB THICKNESS 150mm.

**TOP STEEL LAYOUT PLAN
(F. F. LVL.)**

PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE FIRST FLOOR PLAN TOP STEEL	DRG NO. RDA-STR-C-43/02(B)	APPROVED: DARSHAN GUPTA
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		NO. DATE REMARKS	ISSUED ON: OCT. / 2019
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		Drawn by: RIMPU	
		Job No: J-19/C-43	Checked by: SABIR
			 R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAMM) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta



**BEAM LAYOUT PLAN
(F.F.LVL.)**

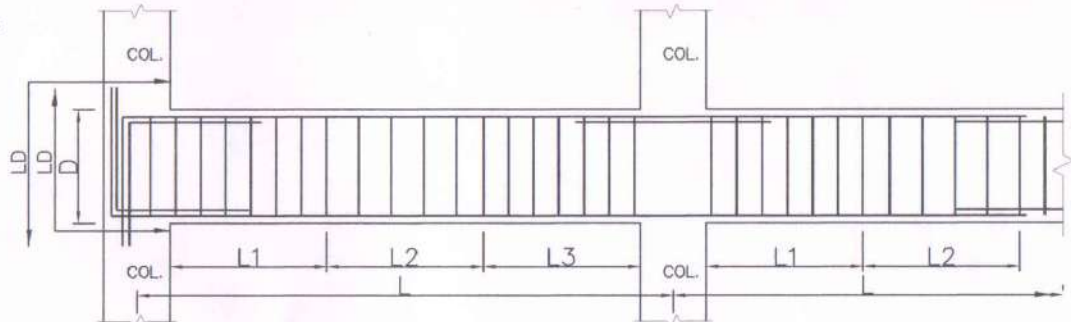
PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE FIRST FL. LVL. BEAM LAYOUT	REVISIONS			DRG NO. RDA-STR-C-43/02(C)	APPROVED: DARSHAN GUPTA	
	CLIENT	NO.	DATE	REMARKS	Date: 10/10/19	ISSUED FOR: EXECUTION	ISSUED ON: OCT / 2019
					Scale:	 R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAMU) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta	
					File Name: J-19/C43-SB1		
					Drawn by: RIMPU		
					Job No.: J-19/C-43	Checked by: SABIR	<small>The design, details and ideas contained in this drawing are and shall remain the property of R - Design Associates. No part thereof shall be copied, reproduced, disclosed to others, or used for any other work or project without the written consent of R - Design Associates.</small>

FIRST FLOOR LVL. BEAM SCHEDULE

S.NO	BEAM SIZE	1ST SUPPORT		MID SPAN		2ND SUPPORT		SHEAR REINFORCEMENT											
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	L1			L2			L3					
								Dia	L	At	Dia	L	At	Dia	L	At	Dia	L	At
B1	230 X 530	3 - 20 ϕ + 2 - 25 ϕ	3 - 20 ϕ	2 - 20 ϕ	3 - 20 ϕ	3 - 20 ϕ + 2 - 25 ϕ	3 - 20 ϕ	8	2	120	8	2	150	8	2	120			
* B2	300 X 750	6 - 25 ϕ	2 - 16 ϕ + 4 - 20 ϕ	2 - 25 ϕ	2 - 16 ϕ + 4 - 20 ϕ	6 - 25 ϕ	2 - 16 ϕ + 4 - 20 ϕ	12	2	140	12	2	140	12	2	140			
* B3	300 X 750	6 - 25 ϕ	7 - 25 ϕ	2 - 25 ϕ	7 - 25 ϕ	6 - 25 ϕ	7 - 25 ϕ	12	2	140	12	2	140	12	2	140			
* B4	300 X 750	5 - 25 ϕ	8 - 25 ϕ	2 - 25 ϕ	8 - 25 ϕ	5 - 25 ϕ	8 - 25 ϕ	12	2	140	12	2	140	12	2	140			
* B5	300 X 750	6 - 25 ϕ	7 - 25 ϕ	2 - 25 ϕ	7 - 25 ϕ	6 - 25 ϕ	7 - 25 ϕ	12	2	140	12	2	140	12	2	140			
* B6	300 X 750	6 - 25 ϕ	2 - 16 ϕ + 4 - 20 ϕ	2 - 25 ϕ	2 - 16 ϕ + 4 - 20 ϕ	6 - 25 ϕ	2 - 16 ϕ + 4 - 20 ϕ	12	2	140	12	2	140	12	2	140			
B7	300 X 450	2 - 25 ϕ	3 - 16 ϕ	2 - 25 ϕ	3 - 16 ϕ	6 - 25 ϕ	3 - 16 ϕ	8	2	100	8	2	140	8	2	100			
B9	300 X 450	2 - 25 ϕ	3 - 16 ϕ	2 - 25 ϕ	3 - 16 ϕ	3 - 25 ϕ + 2 - 32 ϕ	3 - 16 ϕ	8	2	100	8	2	140	8	2	100			
B10	230 X 530	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 20 ϕ	3 - 16 ϕ	2 - 20 ϕ + 3 - 25 ϕ	3 - 16 ϕ	8	2	120	8	2	150	8	2	120			
B11	230 X 450	2 - 20 ϕ + 3 - 25 ϕ	4 - 16 ϕ + 2 - 20 ϕ	2 - 20 ϕ	4 - 16 ϕ + 2 - 20 ϕ	6 - 20 ϕ	4 - 16 ϕ + 2 - 20 ϕ	8	2	100	8	2	140	8	2	100			
B12	230 X 450	3 - 16 ϕ + 3 - 20 ϕ	2 - 16 ϕ + 1 - 20 ϕ	2 - 16 ϕ	2 - 16 ϕ + 1 - 20 ϕ	3 - 16 ϕ + 3 - 20 ϕ	2 - 16 ϕ + 1 - 20 ϕ	8	2	100	8	2	140	8	2	100			
B13	230 X 450	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	8	2	100	8	2	140	8	2	100			
* B14	300 X 750	6 - 25 ϕ	3 - 16 ϕ + 2 - 20 ϕ	2 - 25 ϕ	3 - 16 ϕ + 2 - 20 ϕ	6 - 25 ϕ	3 - 16 ϕ + 2 - 20 ϕ	12	2	140	12	2	140	12	2	140			

LEGEND:

(*) 2-12# side reinforcement on both face.

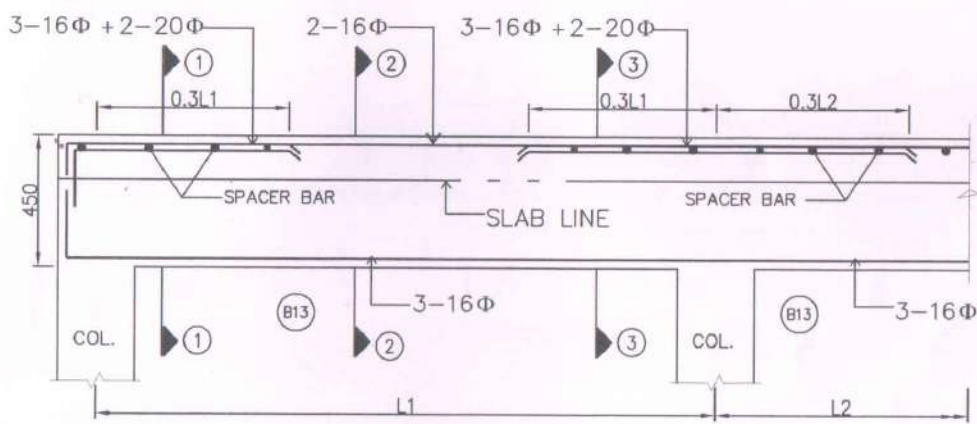


DUCTILE DETAILING LEGEND:

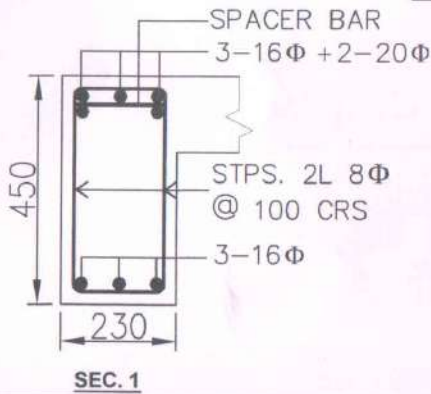
L = CENTER TO CENTRE SPAN OF BEAM
 L1 = L3 = 2 X DEPTH OF BEAM (OR 0.3 L WHICHEVER IS GREATER)
 L2 = L - L1 - L3
 Ld = DEVELOPMENT LENGTH

TYP. BAR DETAIL FOR DUCTILE DETAILING

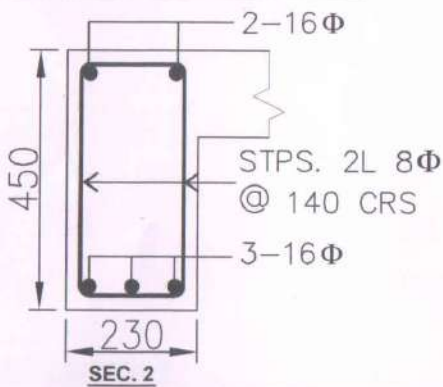
PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE FIRST FLOOR LVL. BEAM SCHEDULE	REVISIONS	DRG NO. RDA-STR-C-43/02(D)	APPROVED: DARSHAN GUPTA	 R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAMU) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta	
	CLIENT	NO.	DATE	REMARKS		Date: 10/10/19
						Scale:
						File Name: J-19/C43-SB1
				Drawn by: RIMPLI		
				Checked by: SABIR		
				ISSUED FOR: EXECUTION		
				ISSUED ON: OCT / 2019		
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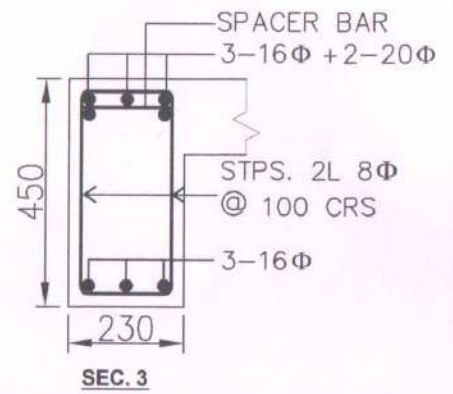
TYPICAL SECTION OF BEAM B13- B13



SEC. 1

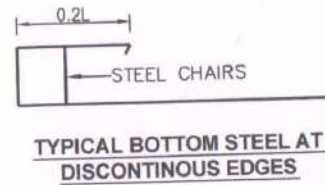
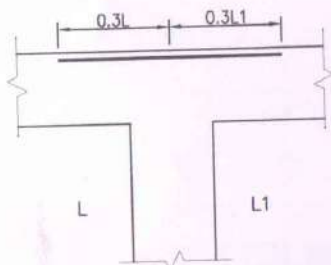
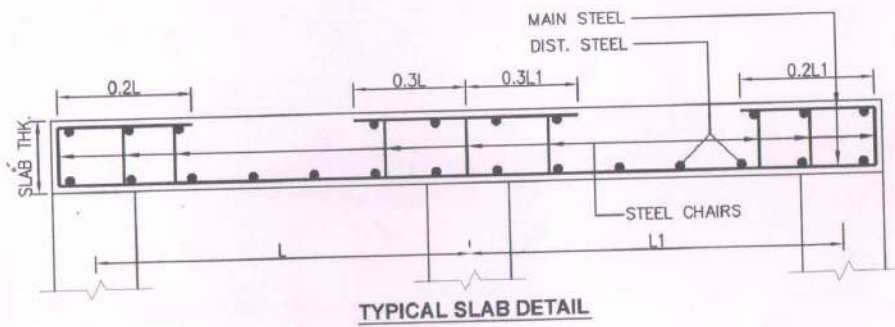


SEC. 2



SEC. 3

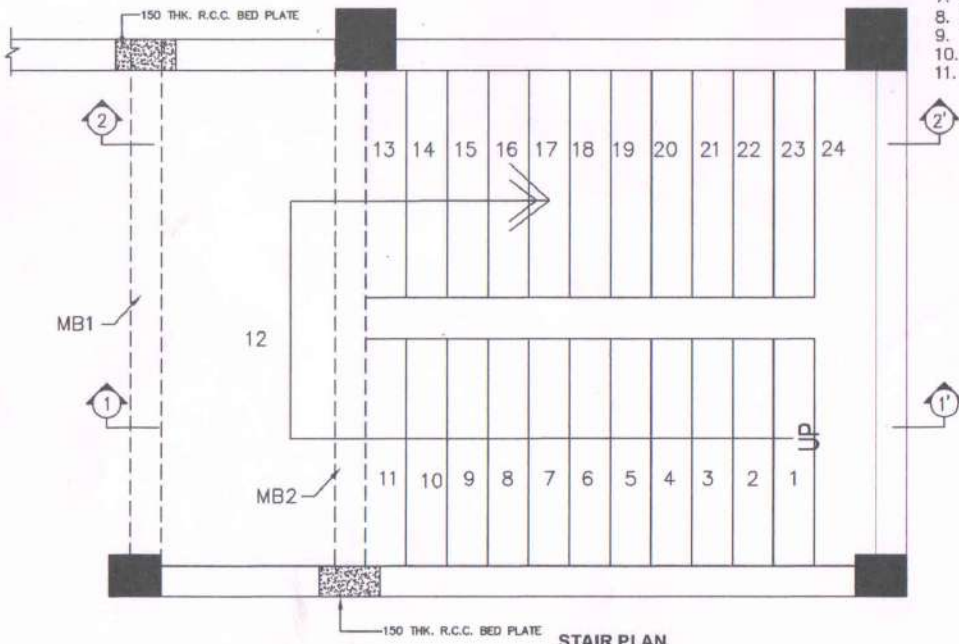
PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE FIRST FLOOR LVL. BEAM SCHEDULE	REVISIONS NO. DATE REMARKS	DRG NO. RDA-STR-C-43/02(E)	APPROVED: DARSHAN GUPTA	R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAMU) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta
	CLIENT		Date: 10/10/19	ISSUED FOR: EXECUTION	
			Scale:	ISSUED ON: OCT. / 2019	
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			Drawn by: RIMPU		
			Checked by: SABIR		
			Job No: J-19/C-43		




PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE TYPICAL SLAB DETAIL	REVISIONS	DRG NO. RDA-STR-C-4302(E)	APPROVED: DARSHAN GUPTA	 R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAM) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta
	CLIENT	NO. DATE REMARKS	Date: 10/10/19	ISSUED FOR: ISSUED ON:	
			Scale:	EXECUTION OCT. / 2019	
			File Name: J-19/C43-SB1	<small>The design, details and lines contained in this drawing are and shall remain the property of R - Design Associates. No part thereof shall be copied, reproduced, disclosed to others, or used for any other work or project without the written consent of R - Design Associates.</small>	
		Drawn by: RIMPU	Checked by: SABIR		
		Job No: J-19/C-43			

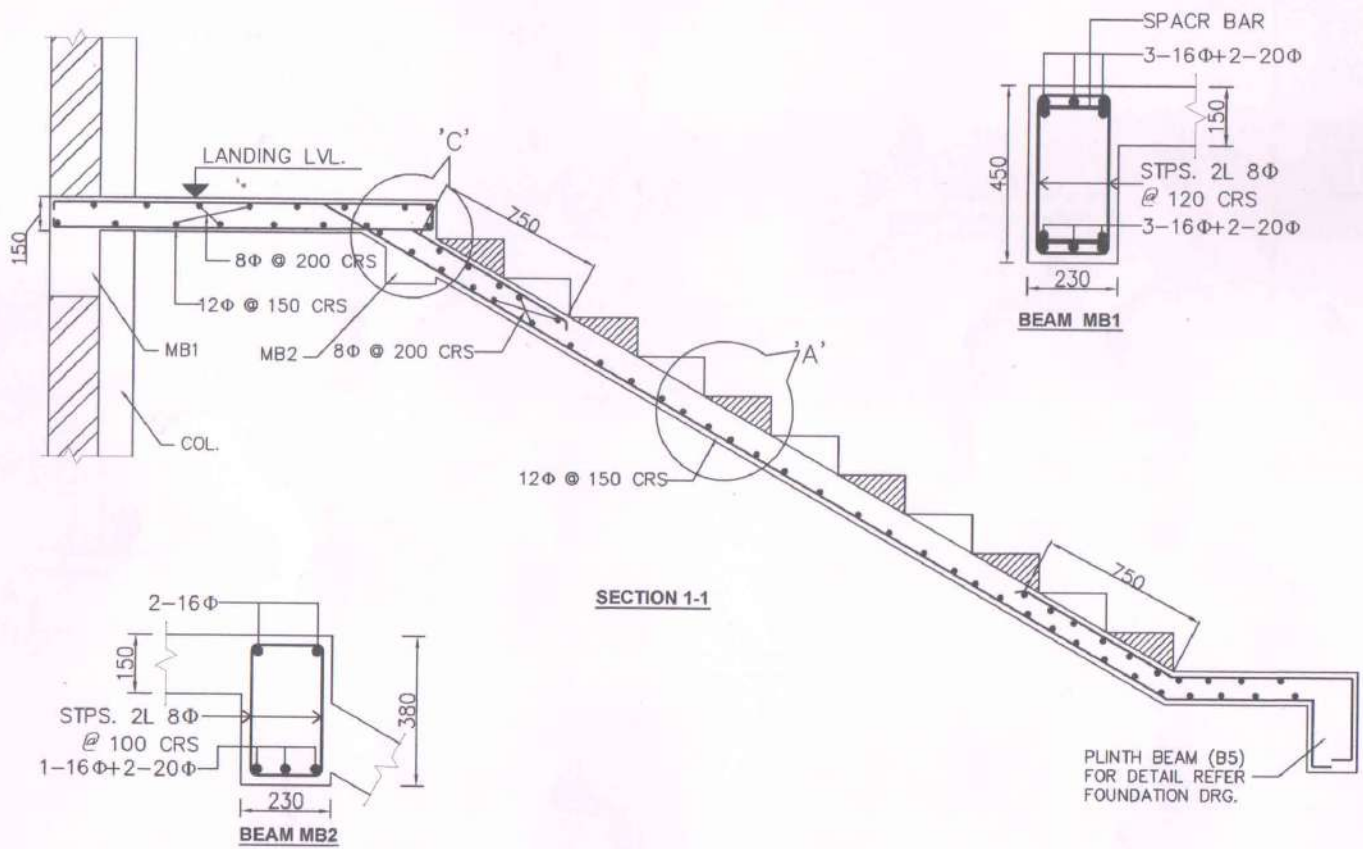
GENERAL NOTES


1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCH/STR DRGS.
4. TOR STEEL TO CONFORM TO I: S 1786 OF 1985
FY STRENGTH 415 N/mm².
5. LAPS IN BARS TO CONFORM TO I: S 456 OF 2000
6. CONC. GRADE: M20
7. CLEAR COVER: SLAB - 20mm
8. RISER = 24 NO. (EQUAL)
9. TREAD = 307mm EACH
10. WAIST SLAB = 150 THK.
11. REFERENCE I S 456 - 2000, I S 875 - 1993



STAIR PLAN

PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE STAIR PLAN	DRG NO. RDA-STR-C-43/03(A)	APPROVED: DARSHAN GUPTA
	CLIENT	REVISIONS	ISSUED FOR: EXECUTION ISSUED ON: OCT. / 2019
		NO. DATE REMARKS	<small>The design, details and notes contained in this drawing are and shall remain the property of R - Design Associates. No part thereof shall be copied, reproduced, disclosed to others, or used for any other work or project without the written consent of R - Design Associates.</small>
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		Scale:	
		File Name: J-19/C43-ST1	
		Drawn by: CHETAN	Checked by: SABIR
		Job No: J-19/C-43	 R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAM) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta

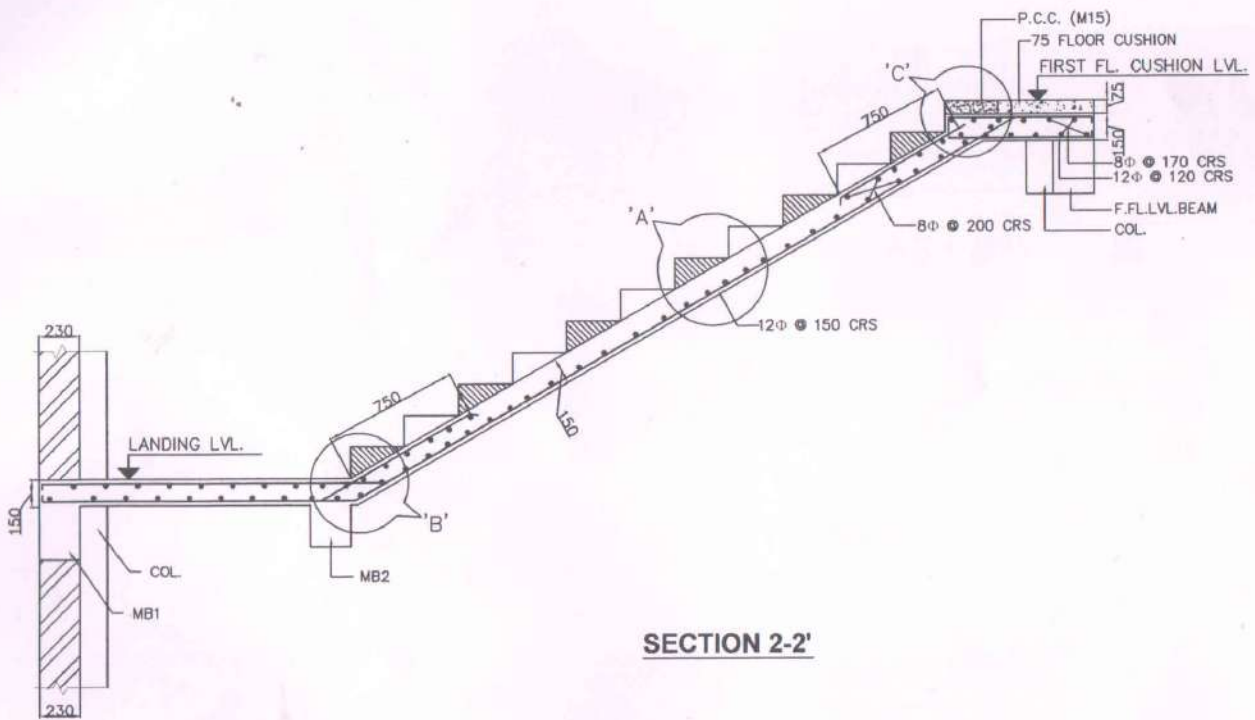


PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE STAIR DETAILS	REVISIONS	DRG NO. RDA-STR-C-43/03(B)	APPROVED: DARSHAN GUPTA
	CLIENT	NO. DATE REMARKS	Date: 20/10/19	ISSUED FOR: EXECUTION
			Scale:	ISSUED ON: OCT. / 2019
			File Name: J-19/C43-ST1	<small>The design, details and issues contained in this drawing are and shall remain the property of R - Design Associates. No part thereof shall be copied, reproduced, disclosed to others, or used for any other work or project without the written consent of R - Design Associates.</small>
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			Checked by: SABIR	
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SECTION 2-2'

REVISIONS		
NO.	DATE	REMARKS

ISSUED FOR EXECUTION ISSUED ON OCT / 2019

PROJECT TITLE
 PROP. CHILDREN HOME CHANNEL

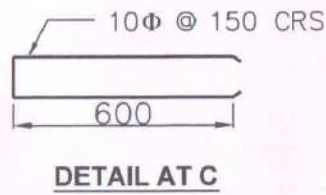
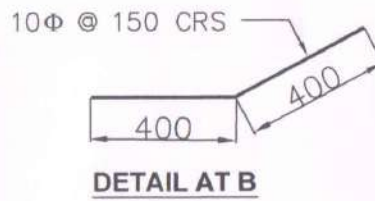
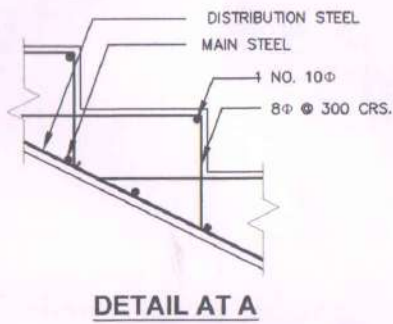
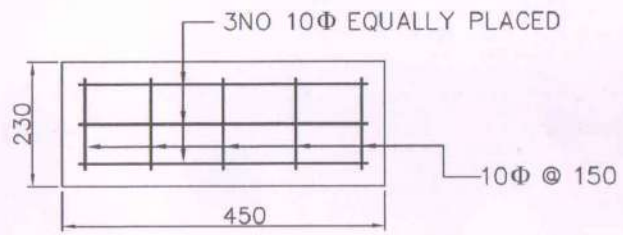
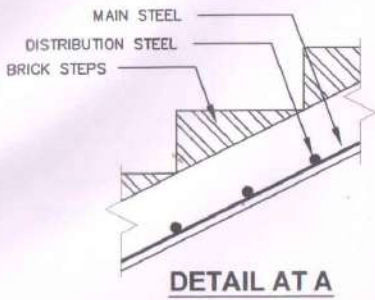
CLIENT

SHEET TITLE
 STAIR DETAIL

Job No: J-19C-43
 Date: 20/10/19
 Drawn by: CHETAN
 Scale:
 Checked by: SABIR
 File Name: J-19C-43-ST1

APPROVED Darshan Gupta

DRAWING NO.
 RDA-STR-C-43/03(C)



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REVISIONS		
NO	DATE	REMARKS

ISSUED FOR EXECUTION ISSUED ON OCT / 2019

PROJECT TITLE
PROP. CHILDREN HOME CHANNEL

CLIENT

SHEET TITLE
STAIR TYPICALS

Job No: J-19C-43
Date: 20/10/19
Drawn by: CHETAN
Scale:
Checked by: SABIR
File Name: J-19C-43-ST1

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Darshan Gupta

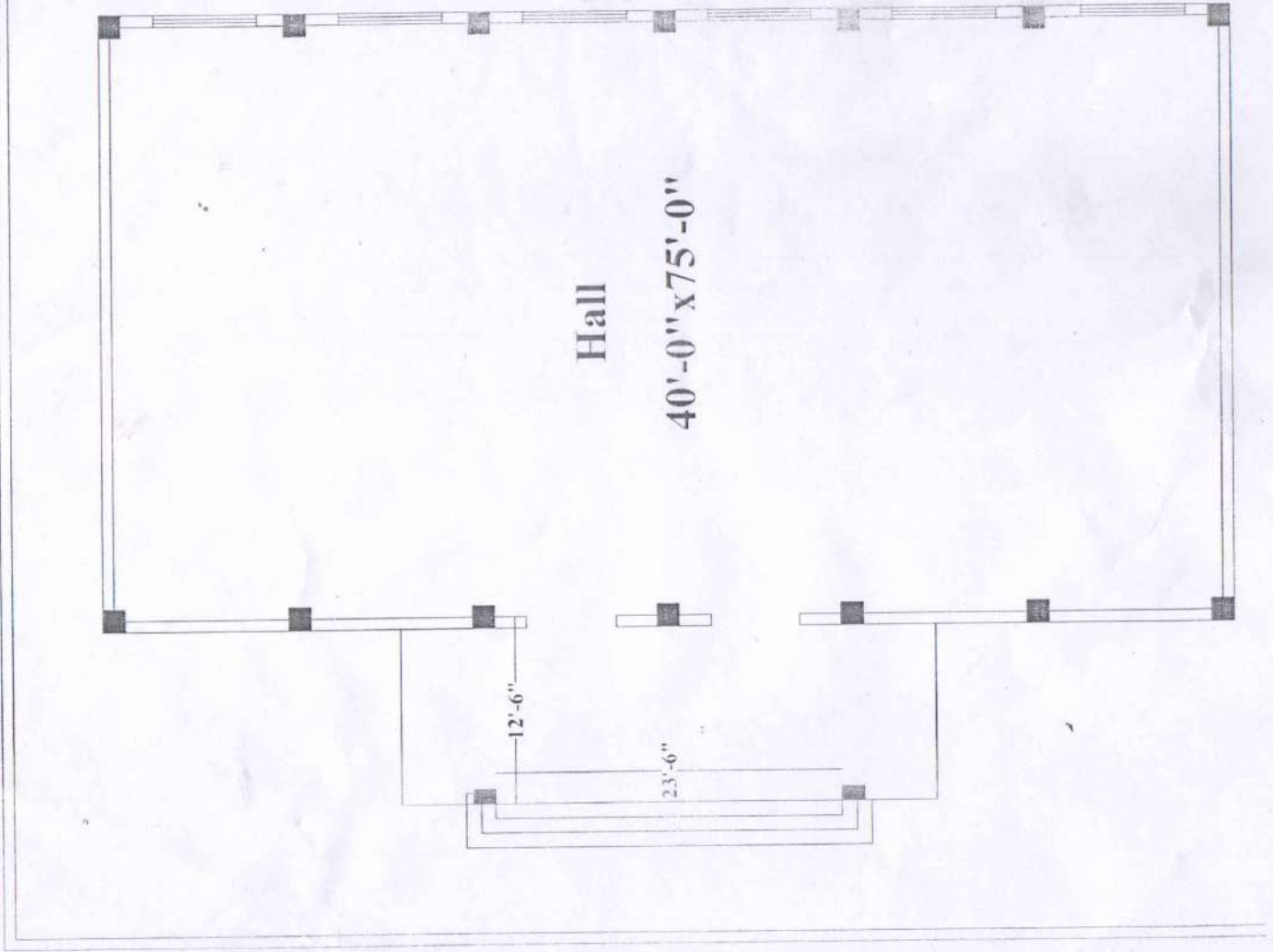
DRAWING NO
RDA-STR-C-43/03(D)

Hall

40'-0" X 75'-0"

12'-6"

23'-6"

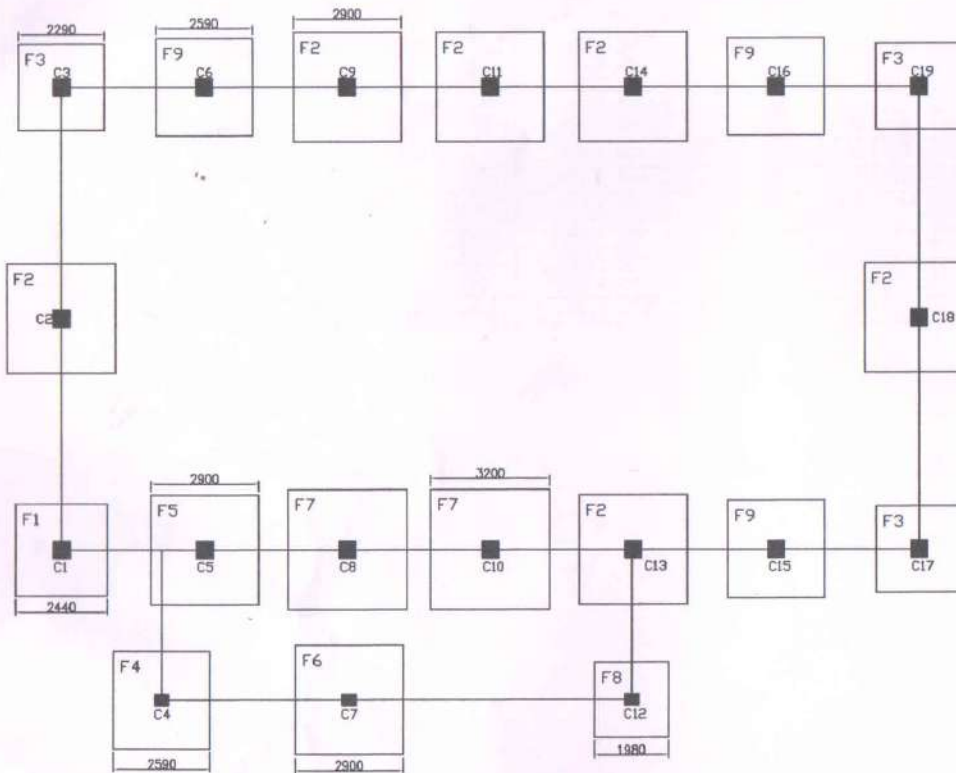


GENERAL NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCH/STR DRGS.
4. TOR STEEL TO CONFORM TO I:S 1786 OF 1985 FY STRENGTH 415 N/mm².
5. LAPS IN BARS TO CONFORM TO I:S 456 OF 2000
6. CONC. GRADE:

FOOTING	M15
PLINTH BAND	M20
BASE CUSHION	M7.5
7. CLEAR COVER:

PLINTH BAND	15mm
1500mm	
8. MINIMUM DEPTH OF FOUNDATION BELOW FIRM GROUND
9. SAFE BEARING CAPACITY OF SOIL =15 T/SQM
10. REFERENCE I S 456 - 2000, I S 4326, I S 875 - 1993
11. LOCATION OF WALLS SHALL BE AS PER REQUIREMENT OF ARCH. DRAWINGS.
12. CRUSHING STRENGTH OF BRICK NOT LESS THAN 10N/SQMM

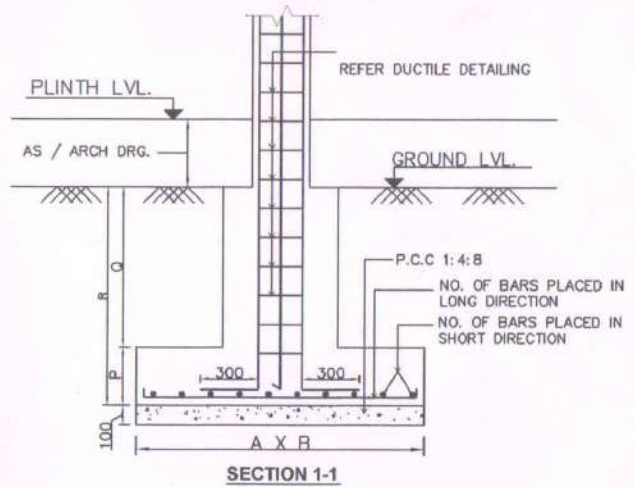
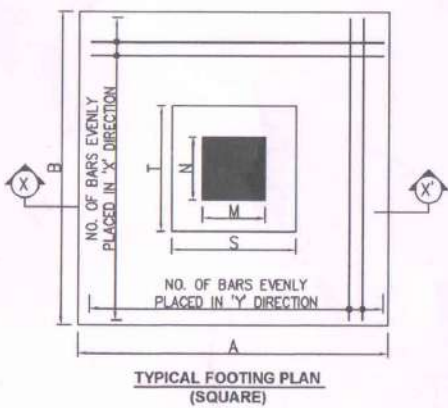


FOOTING LAYOUT PLAN

PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE FOUNDATION PLAN	REVISIONS	DRG NO. RDA-STR-C-43/01(A)	APPROVED: DARSHAN GUPTA											
	CLIENT	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REMARKS										Date: 10/09/19
NO.	DATE	REMARKS													
			Scale:	ISSUED ON: SEP / 2019											
			File Name: J-19/C43-FD1	<small>The design, details and data contained in this drawing are and shall remain the property of R - Design Associates. No part thereof shall be copied, reproduced, disclosed to others, or used for any other work or project without the written consent of R - Design Associates.</small>											
			Drawn by: CHETAN												
			Checked by: SABIR												
			Job No: J-19/C-43	R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAMI) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta											

SQUARE FOOTING SCHEDULE

S.NO	TYPE OF FOOTING	COLUMN INVOLVED	FOOTING SIZE (A X B)	COLUMN SIZE (M X N)	PEDESTAL SIZE (S X T)	P	Q	R	REINFORCEMENT		MIX
									X - DIRECTION	Y - DIRECTION	
1	F1	C1	2440 X 2440	450 X 450	750 X 750	330	1170	1500	18 NO 12 ϕ	18 NO 12 ϕ	M20
2	F2	C2,C9,C11,C13,C14,C18	2900 X 2900	450 X 450	750 X 750	400	1100	1500	27 NO 12 ϕ	27 NO 12 ϕ	
3	F3	C3,C17,C19	2290 X 2290	450 X 450	750 X 750	290	1210	1500	15 NO 12 ϕ	15 NO 12 ϕ	
4	F4	C4	2590 X 2590	300 X 380	600 X 680	350	1150	1500	22 NO 12 ϕ	22 NO 12 ϕ	
5	F5	C5	2900 X 2900	450 X 450	750 X 750	400	1100	1500	29 NO 12 ϕ	29 NO 12 ϕ	
6	F6	C7	2900 X 2900	300 X 380	600 X 680	400	1100	1500	27 NO 12 ϕ	27 NO 12 ϕ	
7	F7	C8,C10	3200 X 3200	450 X 450	750 X 750	450	1050	1500	20 NO 16 ϕ	20 NO 16 ϕ	
8	F8	C12	1980 X 1980	300 X 380	600 X 680	250	1250	1500	12 NO 12 ϕ	12 NO 12 ϕ	
9	F9	C6,C15,C16	2590 X 2590	450 X 450	750 X 750	350	1150	1500	22 NO 12 ϕ	22 NO 12 ϕ	



PROJECT PROP. CHILDREN HOME AT CHANNI (JAMMU)	SHEET TITLE FOOTING SCHEDULE	REVISIONS		DRG NO. RDA-STR-C-43/01(B)	APPROVED: DARSHAN GUPTA	 R - DESIGN ASSOCIATES 252 PARTAP GARH JAMMU (TAM) Tel :- (191) 2544877 (191) 2548683 Consultants Er. Darshan Gupta
	CLIENT	NO.	DATE	REMARKS	Date: 10/09/19	
					Scale:	
					File Name: J-19/C43-FD1	
				Drawn by: CHETAN	ISSUED FOR: EXECUTION	
				Checked by: SABIR	ISSUED ON: SEP / 2019	
				Job No: J-19/C-43	The design, details and fees contained in this drawing are and shall remain the property of R - Design Associates. No part thereof shall be copied, reproduced, disclosed to others, or used for any other work or project without the written consent of R - Design Associates.	

COLUMN SCHEDULE

S.NO	COLUMN SIZE	COLUMN INVOLVED	LVL-0 TO LVL-1	LVL-1 TO LVL-2
1	450 X 450	C1	4-20Φ + 4-25Φ	4-20Φ + 4-25Φ
2	450 X 450	C2	8-25Φ + 4-28Φ	8-25Φ + 4-28Φ
3	450 X 450	C3	4-16Φ + 4-20Φ	4-16Φ + 4-20Φ
4	300 X 380	C4	8-20Φ	8-20Φ
5	450 X 450	C5	12-25Φ	12-25Φ
6	450 X 450	C6	12-25Φ	12-25Φ
7	300 X 380	C7	4-20Φ + 4-25Φ	4-20Φ + 4-25Φ
8	450 X 450	C8	12-25Φ	12-25Φ
9	450 X 450	C9	16-25Φ	16-25Φ
10	450 X 450	C10	16-25Φ	16-25Φ
11	450 X 450	C11	16-25Φ	16-25Φ
12	300 X 380	C12	4-16Φ + 4-20Φ	4-16Φ + 4-20Φ
13	450 X 450	C13	16-25Φ	16-25Φ
14	450 X 450	C14	16-25Φ	16-25Φ
15	450 X 450	C15	12-25Φ	12-25Φ
16	450 X 450	C16	12-25Φ	12-25Φ
17	450 X 450	C17	4-16Φ + 4-20Φ	4-16Φ + 4-20Φ
18	450 X 450	C18	8-25Φ + 4-28Φ	8-25Φ + 4-28Φ
19	450 X 450	C19	4-16Φ + 4-20Φ	4-16Φ + 4-20Φ

FOR LINKS REFER TYPICAL DUCTILE DETAILING

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REVISIONS		
NO.	DATE	REMARKS

ISSUED FOR EXECUTION	ISSUED ON SEP / 2019
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PROJECT TITLE
 PROP. CHILDREN HOME CHANNEL

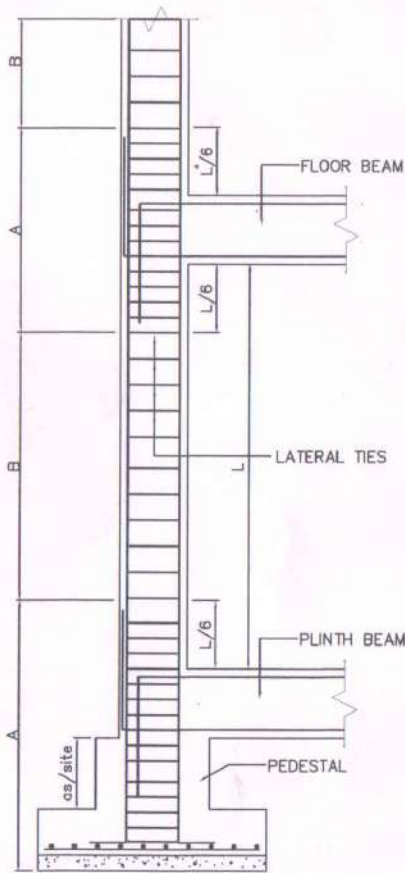
CLIENT

SHEET TITLE
 COLUMN SCHEDULE

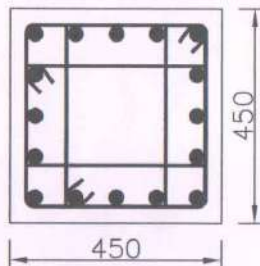
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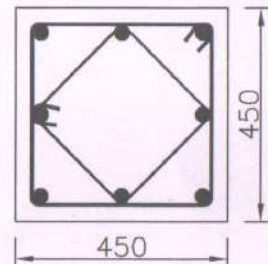
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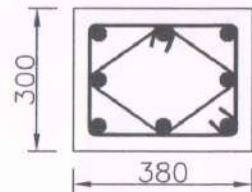
TYP. BEAM COL. JOINT FOR DUCTILE DETAILING



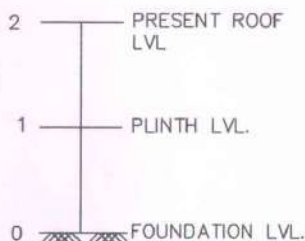
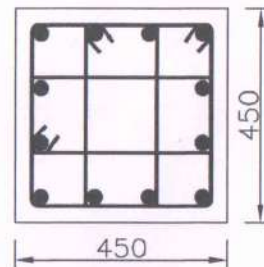
TYP.COL. SEC. (16 bar arrangement)



TYP.COL. SEC. (8 bar arrangement)



TYP.COL. SEC. (8 bar arrangement)



FLOOR INDEX

LATERAL TIES SCHEDULE

S.NO	COLUMN SIZE	(A)	(B)	(C)
1	450 X 450	8Φ @ 100 CRS	8Φ @ 170 CRS	CLEAR HEIGHT OF COLUMN
2	300 X 380	8Φ @ 75 CRS	8Φ @ 150 CRS	

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REVISIONS		
NO.	DATE	REMARKS

ISSUED FOR EXECUTION SEP 7 2019
 PROJECT TITLE
PROP. CHILDREN HOME CHANNI.

CLIENT

SHEET TITLE
DUCTILE DETAILING

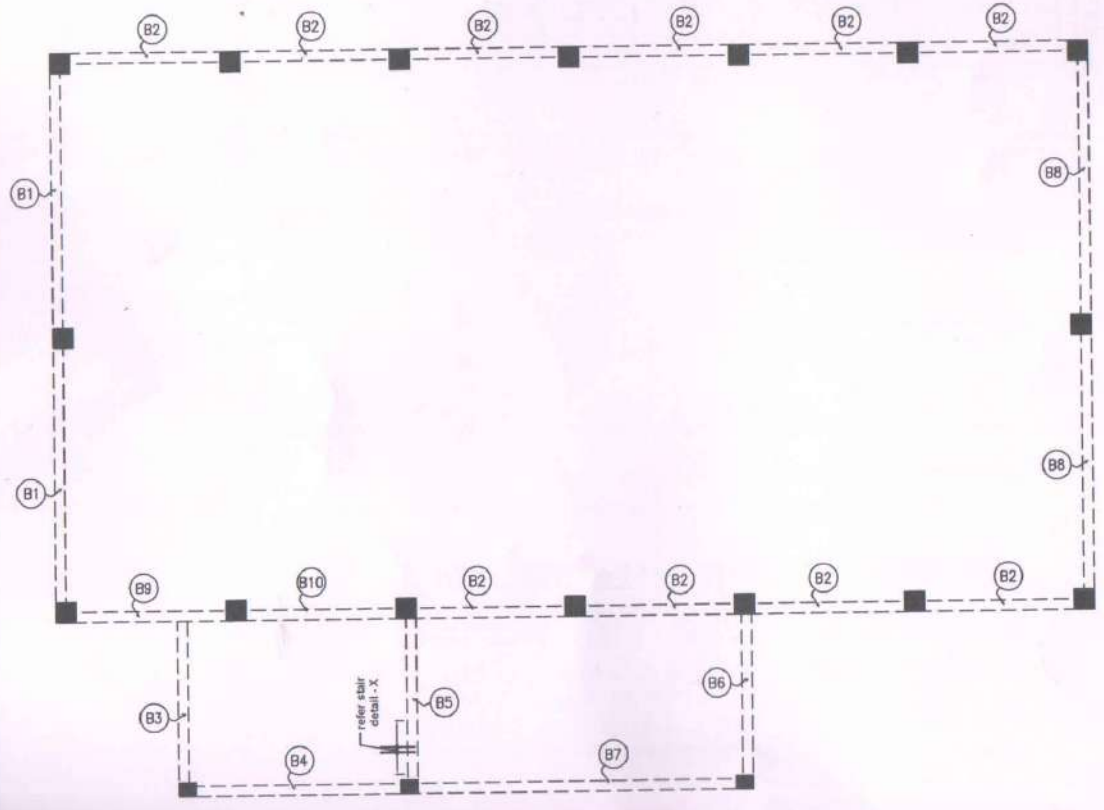
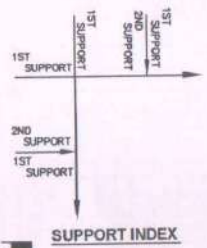
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PLINTH BEAM LAYOUT

REVISIONS		
NO	DATE	REMARKS

ISSUED FOR EXECUTION SEP/2019

PROJECT TITLE
 PROP. CHILDREN HOME CHANNEL

CLIENT

SHEET TITLE
 PLINTH BEAM LAYOUT

Job No: J-19/C-43
 Date: 10/09/19
 Drawn by: CHETAN
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 File Name: J-19/C-43-FD1

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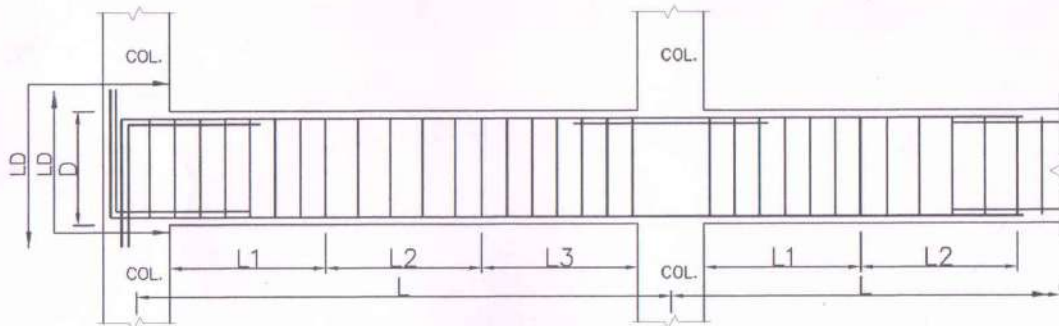
DRAWING NO.
 RDA-STR-C-43/01(E)

PLINTH BEAM SCHEDULE

S.NO	BEAM SIZE	1ST SUPPORT		MID SPAN		2ND SUPPORT		SHEAR REINFORCEMENT										
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	L1			L2			L3				
								Dia	L	At	Dist	Dia	L	At	Dist	Dia	L	At
B1	230 X 450	3 - 16 ϕ + 3 - 20 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	3 - 16 ϕ + 3 - 20 ϕ	3 - 16 ϕ	8	2	100		8	2	140		8	2	100
B2	230 X 450	3 - 20 ϕ	2 - 16 ϕ	2 - 20 ϕ	2 - 16 ϕ	3 - 20 ϕ	2 - 16 ϕ	8	2	100		8	2	140		8	2	100
B3	230 X 450	2 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	8	2	100		8	2	140		8	2	100
B4	230 X 450	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	8	2	100		8	2	140		8	2	100
B5	230 X 450	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	8	2	100		8	2	140		8	2	100
B6	230 X 450	2 - 16 ϕ + 1 - 20 ϕ	3 - 20 ϕ	2 - 16 ϕ	3 - 20 ϕ	2 - 16 ϕ + 1 - 20 ϕ	3 - 20 ϕ	8	2	100		8	2	140		8	2	100
B7	230 X 450	3 - 16 ϕ + 2 - 20 ϕ	2 - 16 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	2 - 16 ϕ	8	2	100		8	2	140		8	2	100
B8	230 X 450	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 16 ϕ	3 - 16 ϕ	3 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	8	2	100		8	2	140		8	2	100
B9	230 X 450	2 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 20 ϕ	3 - 16 ϕ	2 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	8	2	100		8	2	140		8	2	100
B10	230 X 450	2 - 16 ϕ + 2 - 20 ϕ	3 - 16 ϕ	2 - 20 ϕ	3 - 16 ϕ	3 - 20 ϕ	3 - 16 ϕ	8	2	100		8	2	140		8	2	100

LEGEND:

(B) NO DEVELOPMENT LENGTH TO BE PROVIDED AT SECOND SUPPORT.



TYP. BAR DETAIL FOR DUCTILE DETAILING

DUCTILE DETAILING LEGEND:

L = CENTER TO CENTRE SPAN OF BEAM
 L1 = L3 = 2 X DEPTH OF BEAM (OR 0.3 L WHICHEVER IS GREATER)
 L2 = L - L1 - L3
 Ld = DEVELOPMENT LENGTH

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REVISIONS

NO	DATE	REMARKS

ISSUED FOR EXECUTION SEP / 2019

PROJECT TITLE
 PROP. CHILDREN HOME CHANNEL

CLIENT

SHEET TITLE
 PLINTH BEAM SCHEDULE

Job No: J-19C-43
 Date: 19/09/19
 Drawn by: CHETAN
 Scale:
 Checked by: SABIR
 File Name: J-19C-43-FD1

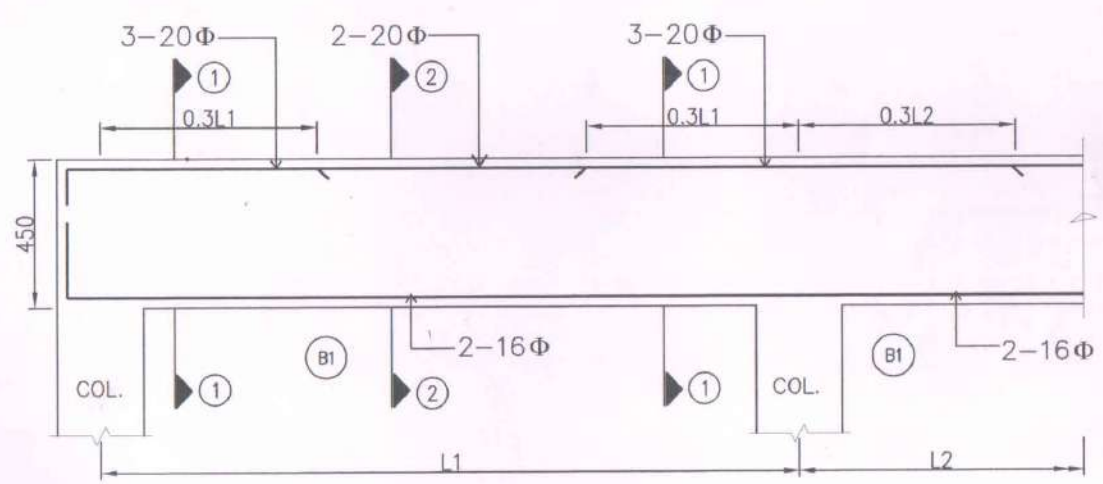
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DRAWING NO
 RDA-STR-C-4301(F)

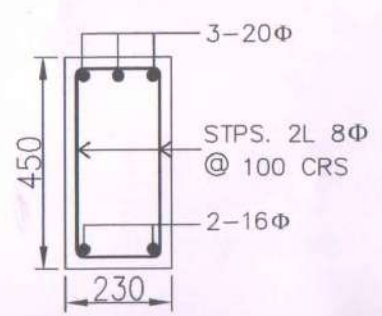
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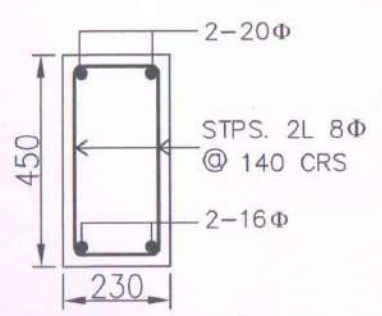
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 Er. Darshan Gupta
 (MC)



TYP. L-SECTION OF BEAM B1-B1.



SECTION 1-1



SECTION 2-2

REVISIONS		
NO.	DATE	REMARKS

ISSUED FOR EXECUTION	ISSUED ON SEP / 2019
----------------------	----------------------

PROJECT TITLE
 PROP. CHILDREN HOME CHANNI.

CLIENT

SHEET TITLE
 TYP SECTION BEAM

Job No: J-19C-43
 Date: 100919
 Drawn by: CHETAN
 Scale:
 Checked by: SABIR
 File Name: J-19C-43-FD1

APPROVED
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