



MONTHLY PROGRESS REPORT

FEBRUARY, 2018



RAS OFFICERS' INSTITUTE (CLUB HOUSE)

(2, institutional Area, Near Dainik Bhaskar, Jaipur)

Developers: M/S RAS Officers' Institute

2, institutional Area, Near Dainik Bhaskar -Jaipur

Prepared By

SUPERSTRUCTURES (PROJECT MANAGEMENT CONSULTANTS)

Project Highlights

Total Built up Area: - 1, 20,000Sq.ft

Total Floor of Project: -2 Basement + 6 Floors

(Gym, Swimming pool, Banquet hall, Conference hall, Bar, Tennis & Squash)

Builders & Developers

M/S RAS Officers' Institute,

Registered office at 2, institutional Area,

Near Dainik Bhaskar- Jaipur (Raj.)

Consultants & Management Team

Architectural Consultant

Architect Design & Services (ADS)

E-6B, Hanuman Path,

New Sanganer Road Sodala-Jaipur

Mr. Lokesh Joshi Mob: 91-9680282624.

Project Management Consultants

M/S SUPERSTRUCTURES

Office No. 40, 4th Floor, Trinity Mall,

New Sanganer Road, Jaipur

Phone: 91-9314932438, 0141 5106606

Mr. Kulvinder Singh Mob: 91-9314480610

Structural Consultant

M/S SANRACHNA

S-41, AMBA BARI, JAIPUR

Mr. Sandeep Garg Mob: 91-9799496696

MEP Consultant

M/S Cube Consultant

A-8, Jamna Nagar Sodala-Jaipur

Mr. Sanjay Vajpayee Mob: 91-9214308430

Contractor Agencies

Civil Contractor

M/S H. R. Gwala

F9/465, Chitrakoot, Vaishali Nagar-Jaipur

Mr. H.R. Gwala Mob: 91-9783940001

Electrical Work Contractor

M/S Vijay Electric service

Vivek Vihar, New Sanganer Road, Sodala

Mr. Shyam Vijay Mob: 91-9783300501

Plumbing Contractor

M/S Gayatri Plumbing

B-50, Jawahar Nagar, Jaipur

Mr. Jeet Ram Mob: 91-9829008082

Waterproofing Contractor

M/S NS Solutions

3/77, Agarwal Farm, Mansarovar, Jaipur

Mr. Shrikant Dandia Mob: 91-9214529486

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Distribution to:-

- (i) RASO'I Members**
- (ii) Architect Design & Services (ADS)-Architectural Consultant**

EXECUTIVE SUMMARY

- ➡ Second Floor Columns casting completed.
- ➡ First Floor Roof Slab (Part-02) casting completed.
- ➡ Second Floor Roof Slab (Part-01) casting completed.
- ➡ Second Floor Roof Slab (Part-02) steel binding, shuttering & casting in progress.
- ➡ Third Floor Column casting in progress.
- ➡ Piling work for ramp excavation completed.
- ➡ Ground Floor Brickwork completed.
- ➡ First Floor Brickwork 50% completed.
- ➡ Lower & Upper Basement Electrical Conduiting Work in progress.
- ➡ Ground Floor Plaster Work in progress.
- ➡ Fire Staircase Columns casting upto Ground Floor level completed.

PROJECT VIEW as on 01st March '18



MILESTONES ACHIEVED**(i) At Execution Level:-**

- (i) Casting of Second Floor columns completed.
- (ii) Casting of First Floor Roof Slab (Part-02) completed.
- (iii) Casting of Second Floor Roof Slab (Part-01) completed.
- (iv) Brick work of Ground Floor completed.
- (v) Brick work of First Floor 50% completed.
- (vi) Piling works for ramp excavation completed.
- (vii) Fire Staircase Columns casting upto Ground Floor level completed.

MANPOWER DEPLOYED AT SITE STATUS

Total Manpower Deployed at Site by different Agencies / Vendors

Manpower Details Till 28th February '18					
S. No.	Name of Contractor	Work	Skilled	Unskilled	Total
1.0	H.R. Gwala	Civil Work	55	295	350
1.1	SK Burman/ (H.R. Gwala)	Bar Binding	160	209	369
1.2	Govind/ (H.R. Gwala)	Shuttering	160	219	379
1.3	Ashok/ (H.R. Gwala)	Brick Work	48	64	112
1.4	Kallu/ (H.R. Gwala)	Plaster Work	44	64	108
2.0	Vijay Electrical Service	Electrical	18	0	18
3.0	Gayatri Plumbing	Plumbing	0	0	0
4.0	NS Solutions	Waterproofing	0	0	0
5.0	Sagar Tubewell Company	Piling	9	0	9
6.0	POP Work	POP	4	2	6
Total			502	853	1355

MATERIAL STATUS**A. Steel Received & Consumed Details in February '18**

Diameter of Bar	Received Till Date (MT)	Received in February '18 (MT)	Consumed in February '18 (MT)	Total Consumed till Date (MT)	Balance at Site as on 28.02.18 (MT)
8mm	59.84	9.32	7.13	49.34	10.50
10mm	135.40	18.26	18.29	124.90	10.50
12mm	69.97	4.03	3.25	60.44	9.53
16mm	38.306	4.59	4.50	36.496	1.81
20mm	50.53	6.28	2.09	45.03	5.50
25mm	121.98	29.74	14.67	100.98	21.00
32mm	105.19	10.16	13.61	99.69	5.50
Total (MT)	581.216	82.38	63.54	516.876	64.34

B. Cement Consumed & Received Details in month of February '18

Location	Received Till Date (Bags)	Received in February '18 (Bags)	Consumed Till Date (Bags)	Consumed in February '18 (Bags)	Balance at Site as on 28.02.18 (Bags)
At Site	18054	1620	17301	2383	753
At RMC Plant	5792	0	5420	0	372
Total (Bags)	23846	1620	22721	2383	1125

C. Aggregate Consumed & Received Details in month of February '18**(i) 10mm Aggregate**

Location	Received Till Date (C.Ft)	Received in February '18 (C.Ft)	Consumed Till Date (C.Ft)	Consumed in February '18 (C.Ft)	Balance at Site as on 28.02.18 (C.Ft)
At Site	28019	3740	26877	3844	1142
At RMC Plant	11506	-	12271	-	-765
Total (C.Ft)	39525	3740	39148	3844	377

(i) 20mm Aggregate

Location	Received Till Date (C.Ft)	Received in February '18 (C.Ft)	Consumed Till Date (C.Ft)	Consumed in February '18 (C.Ft)	Balance at Site as on 28.02.18 (C.Ft)
At Site	43620	5820	42691	5694	929
At RMC Plant	17911	-	18130	-	-219
Total (C.Ft)	61531	5820	60821	5694	710

D. Sand Consumed & Received Details in month of February '18

Location	Received Till Date (C.Ft)	Received in February '18 (C.Ft)	Consumed Till Date (C.Ft)	Consumed in February '18 (C.Ft)	Balance at Site as on 28.02.18 (C.Ft)
At Site	52015	3558	51681	5350	334
At RMC Plant	18112	-	18100	-	12
Total (C.Ft)	70127	3558	69781	5350	346

E. Bricks Consumed & Received Details in month of February '18

Location	Received Till Date (Nos.)	Received in February '18 (Nos.)	Consumed Till Date (Nos.)	Consumed in February '18 (Nos.)	Balance at Site as on 28.02.18 (Nos.)
At Site	146000	15000	140200	33500	5800
Total (Nos.)	146000	15000	140200	33500	5800

PROPOSED SCHEDULES FOR THE MONTH OF MARCH '18

Following activities are planned for the Month of March '18

- (i) Completion of Third Floor Columns shuttering, bar binding & concreting (casting) work.
- (ii) Completion of Swimming pool walls shuttering & casting.
- (iii) Completion of Second Floor Roof Slab (Part-02) Shuttering, bar binding work & casting work.
- (iv) Completion of Third Floor Roof Slab (Part-01) shuttering, bar binding & casting work.
- (v) Fire Staircase upto First Floor Level bar binding, shuttering & Casting work.
- (vi) First Floor brick work.
- (vii) Second Floor brick work.
- (viii) Upper Basement Ramp Works.
- (ix) Earth filling in surrounding areas of building.
- (x) Lower Basement Plumbing Drainage Works.
- (xi) Lower Basement Filling Works.
- (xii) Lower & Upper Basement Internal Plumbing Works.
- (xiii) Lower & Upper Basement Electrical Conduiting Works.
- (xiv) Ground Floor Electrical Conduiting Works.

STEEL & CEMENT REQUIREMENT FOR THE MONTH OF MARCH '18

A. Steel Requirement Detail for the Month of March '18

S. No.	Location of Use	Dia. Of Bars	# Required Quantity (MT)	Available at Site (MT)	Net Required Quantity (MT)
1.	Second Floor Roof Slab (Part-02), Third Floor Roof Slab, 4 th Floor Columns.	8mm	6.00	10.50	16.50
		10mm	10.50	10.50	21.00
		12mm	3.97	9.53	13.50
		16mm	5.69	1.81	7.50
		20mm	10.50	5.50	16.00
		25mm	19.00	21.00	40.00
		32mm	12.50	5.50	18.00
Total Qty Required (MT)			68.16 MT	64.34 MT	131.50 MT

- These are tentative quantities (due to non-availability of drawings)

B. Cement Requirement Detail for the Month of March '18**(i) Cement (PPC) At site**

S. No.	Description of Work	Qty.	Unit	Coefficient	Quantity Req'd. (Bags)
1	PCC & RCC Work				
(i)	Second Floor Roof Slab	170	Cum	7.08	1203
(ii)	Third Floor Columns.	60	Cum	7.08	425
(iii)	Third Floor Roof Slab	350	Cum	7.08	2478
(iv)	Fourth Floor Columns.	70	Cum	7.08	495
(v)	Ramp Works	70	Cum	7.08	495
Total Required Bags of Cement for the Month of March '18					5096
Total Available Bags of Cement at Site					753
Net Required Bags of Cement for the Month of March '18					4343
Say					4400 Bags

C. Aggregate Requirement Detail for the Month of March '18**(i) 10mm Aggregate**

S.No	Description of Work	Qty.	Unit	Coefficient	Quantity Req'd. (C.Ft)
(i)	Second Floor Roof Slab	170	Cum	11.515	1958
(ii)	Third Floor Columns.	60	Cum	11.515	690
(iii)	Third Floor Roof Slab	350	Cum	11.515	4030
(iv)	Fourth Floor Columns.	70	Cum	11.515	810
(v)	Ramp Works	70	Cum	11.515	810
Total Required Qty of 10mm Aggregates for the Month of March '18					8298
Total Available Qty of 10mm Aggregate at Site					1142
Net Required Qty of 10mm Aggregate for the Month of March '18					7156
Say					7200

(ii) 20mm Aggregate

S.No	Description of Work	Qty.	Unit	Coefficient	Quantity Req'd. (C.Ft)
(i)	Second Floor Roof Slab	170	Cum	16.8	2856
(ii)	Third Floor Columns.	60	Cum	16.8	1010
(iii)	Third Floor Roof Slab	350	Cum	16.8	5880
(iv)	Fourth Floor Columns.	70	Cum	16.8	1180
(v)	Ramp Works	70	Cum	16.8	1180
Total Required Qty of 20mm Aggregates for the Month of March '18					12106
Total Available Qty of 20mm Aggregate at Site					929
Net Required Qty of 20mm Aggregate for the Month of March '18					11177
Say					11200

D. Sand Requirement Detail for the Month of March '18**(i) Sand**

S.No	Description of Work	Qty.	Unit	Coefficient	Quantity Req'd. (C.Ft)
(i)	Second Floor Roof Slab	170	Cum	17.30	2941
(ii)	Third Floor Columns.	60	Cum	17.30	1040
(iii)	Third Floor Roof Slab	350	Cum	17.30	6055
(iv)	Fourth Floor Columns.	70	Cum	17.30	1210
(v)	Ramp Works	70	Cum	17.30	1210
Total Required Qty of Sand for the Month of March '18					12456
Total Available Qty of Sand at Site					334
Net Required Qty of Sand for the Month of March '18					12122
Say					12200

E. Bricks Requirement Detail for the Month of March '18

S.No	Description of Work	Unit	Qty Req'd.
(i)	Second Floor Brickwork	Nos.	45000
Total Required Qty. of Bricks for the Month of March '18			45000
Total Available Qty of Bricks at Site			5800
Net Required Qty of Bricks for the Month of March '18			39200
Say			39000

A. Weekly Material Procurement Schedule month of March '18

WEEKLY MATERIAL REQUIREMENT SCHEDULE FOR THE MONTH OF MARCH '18							
S. NO.	MATERIAL DESCRIPTION	1st WEEK	2nd WEEK	3rd WEEK	4th WEEK	TOTAL QUANTITY	Remarks (if any)
1	Steel	-	-	69 MT	-	69.00 MT	
2	Cement(PPC)	1200	1200	1200	800	4400 Bags	
3	10mm Aggregate	1600	2000	2000	1600	7200 C.Ft	
4	20mm Aggregate	2200	3500	3500	2000	11200 C.Ft	
5	Sand	3500	1700	3500	3500	12200 C.Ft	
6	Bricks	18000	-	21000	-	39000 Nos.	

DRAWING STATUS**Status of Drawings in the Month of February'18**

Following is the status of drawings in month of February from Architect Design & Services (ADS) by PMC Engineer and issued to concerning Contractors at site.

S.No	Date of Received	Drawing Title	Drawing No.	Rev. No.	Remark
1	-	Third Floor to Upper Floors Shuttering Plans (Advance Copy)	-	-	Not Received
2	10.02.2018	Second Floor Roof Detail	-	-	Received
3	10.02.2018	Second Floor Roof Beam Detail-1	-	-	Received
4	10.02.2018	Second Floor Roof Beam Detail-2	-	-	Received
5	15.02.2018	Revised Staircase-1 Detail (Lower to Fourth Floor)	-	01	Received (Basic Height Revised)
6	15.02.2018	Revised Staircase-2 Detail (Lower to Terrace Floor)	-	01	Received (Basic Height Revised)
7	15.02.2018	Second Floor Shuttering Plan	-	01	Received
8	17.02.2018	Second Floor Roof Detail	-	01	Received
9	17.02.2018	Second Floor Roof Beam Detail-1	-	01	Received
10	17.02.2018	Second Floor Roof Beam Detail-2	-	01	Received
11	20.02.2018	Fire Staircase (Staircase-3) Detail	176/RASC/STAIR/05B	-	Received
12	20.02.2018	Water Supply Schematic Drg. (Advance Copy)	-	-	Received
13	20.02.2018	Lower Basement Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
14	20.02.2018	Upper Basement Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
15	20.02.2018	Ground Floor Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
16	20.02.2018	First Floor Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
17	20.02.2018	Second Floor Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
18	20.02.2018	Third Floor Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
19	20.02.2018	Fourth Floor Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
20	20.02.2018	Fifth Floor Services (Mechanical & Plumbing) (Advance Copy)	-	-	Received
21	24.02.2018	First Floor Working Plan	176/RASC/FFW/10	01	Received
22	24.02.2018	Staircase 3 rd to 4 th Floor Detail	-	-	Received
23	24.02.2018	Staircase 2 nd to 3 rd Floor Detail	-	-	Received
24	24.02.2018	Staircase Lift Landing to 2 nd Floor Detail	-	-	Received
25	24.02.2018	Staircase 2 nd to 3 rd Floor Detail	-	-	Received

26	27.02.2018	Lower Basement Electrical Cable Route (Advance Copy)	176/RASC/LBWP/07	-	Received
27	27.02.2018	Upper Basement Electrical Cable Route (Advance Copy)	176/RASC/UPWP/08	-	Received
28	27.02.2018	Ground Floor Electrical Cable Route (Advance Copy)	176/RASC/GFP/09	-	Received
29	27.02.2018	First Floor Electrical Cable Route (Advance Copy)	176/RASC/FFW/10	-	Received
30	27.02.2018	Second Floor Electrical Cable Route (Advance Copy)	-	-	Received
31	27.02.2018	Third Floor Electrical Cable Route (Advance Copy)	-	-	Received
32	27.02.2018	Fourth Floor Electrical Cable Route (Advance Copy)	-	-	Received
33	27.02.2018	Fifth Floor Electrical Cable Route (Advance Copy)	-	-	Received
34	27.02.2018	Terrace Floor Electrical Cable Route (Advance Copy)	-	-	Received
35	27.02.2018	North Side Elevation (Advance Copy)	176/RASC/FFP/10	-	Received
36	27.02.2018	South Side Elevation (Advance Copy)	176/RASC/FFP/10	-	Received
37	27.02.2018	East Side Elevation (Advance Copy)	176/RASC/FFP/10	-	Received
38	27.02.2018	West Side Elevation (Advance Copy)	176/RASC/FFP/10	-	Received
39	27.02.2018	Slant Beam Detail	-	-	Received
40	27.02.2018	Staircase-3 (Ground to 1 st Floor) Detail	-	-	Received
41	27.02.2018	Staircase-3 (1 st to 2 nd Floor) Detail	-	-	Received
42	27.02.2018	Staircase-3 (2 nd to 3 rd Floor) Detail	-	-	Received
43	27.02.2018	D&W- Schedule (2 nd Floor) (Advance Copy)	-	-	Received
44	27.02.2018	D&W- Schedule (3 rd Floor) (Advance Copy)	-	-	Received
45	27.02.2018	D&W- Schedule (4 th Floor) (Advance Copy)	-	-	Received
46	27.02.2018	D&W- Schedule (5 th Floor) (Advance Copy)	-	-	Received
47	-	Lower Basement Internal Plumbing Plans	-	-	Not Received
48	-	Upper Basement Internal Plumbing Plans	-	-	Not Received

List of Drawings Required in March '18**Following Drawings are required at site in the Month of March '18**

S. No.	Drawing Title	Date of Requirement on OR Before
1	Third Floor to Upper Floors Shuttering Plans (Advance Copy)	10.03.2018
2	Ground Floor to Upper Floors Electrical Plans (Advance Copy)	05.03.2018
3	Ground Floor to Upper Floors Plumbing Plans (Advance Copy)	05.03.2018
4	Ground Floor Electrical Plan	05.03.2018
5	Third Floor Roof Slab Shuttering Plan	05.03.2018
6	Third Floor Roof Slab & Beam Details	10.03.2018
7	Third Floor Roof Fire & Plumbing Sleeve Details	10.03.2018
8	Second Floor Working Plan	10.03.2018
9	Fourth Floor Roof Shuttering Plan	25.03.2018
10	Fourth Floor Roof Slab & Beam Details	25.03.2018
11	Third Floor Roof Fire & Plumbing Sleeve Details	15.03.2018
12	Revised Ramp Details	05.03.2018
13	Lower Basement Internal Plumbing Plans	10.03.2018
14	Upper Basement Internal Plumbing Plans	10.03.2018
15	Ground Floor Internal Plumbing Plans	15.03.2018

PROGRESS PHOTOGRAPHS

Site View 01 February '18



First Floor Roof Slab (Part-02) Checking on 02 February '18,





Site View 10th February-17



Compressive Strength Testing of Cube Moulds



Cube Test Report for the month of February, 2018

S.No	Location	Date of Casting	Mix of concrete	Date of Test	Cube Mark	Required Strength	Compressive Strength	Average Strength	Date of Test	Cube Mark	Required Strength	Compressive Strength	Average Strength	Sign of PMC	Sign of Contractor	Remarks
66	First floor Column	13/1/18	m-25	20/1/18	66/1	17.5	550/24.44	23.62	10/2/18	66/4	760/33.33	760/33.33	33.57	X	X	
	C ₁₁ - (Y ₉ -X ₁₂)				2		550/24.44	23.62		5		760/33.33	33.57			
	C ₂ - (Y ₁₀ -X ₅)				3		520/23.11			6		760/33.33				
67	Casting of P.F. Column & RCC wall	15/1/18	m-25	23/1/18	67/1	17.5	530/22.77	22.21	12/2/18	67/4	810/36	820/36.44	36.29	X	X	
	C ₆ - (Y ₇ -X ₂ -3)				2		490/22.55	22.21		5		820/36.44				
	Wall - (Y ₉ -X ₃ -4)				3		480/21.23			6		820/36.44				
68	Casting of P.F. L.H. Wall & Column	16/1/18	m-25	23/1/18	68/1	17.5	480/21.23	20.29	13/2/18	68/4	720/32	730/32.44	32.57	X	X	
	C ₁₄ -X ₃ -X ₈ -9)				2		440/19.55	20.29		5		730/32.44	32.57			
	C ₇ - (Y ₁₀ -X ₆)				3		450/20			6		730/32.44				
	C ₂ - (Y ₁₀ -X ₅)															
	C ₁₀ - (Y ₁₀ -X ₇)															
	C ₁₁ - (Y ₁₂ -X ₁₀)															
69	Casting of P.F. Column	17/1/18	m-25	24/1/18	69/1	17.5	550/26.22	26.25	14/2/18	69/4	750/35.3	760/35.33	32.94	X	X	
	C ₁₁ - (Y ₁₂ -X ₅)				2		600/26.66	26.25		69/5		760/35.33				
	C ₁₀ - (Y ₁₂ -X ₇)				3		580/25.77			69/6		715/31.97				
	C ₁₁ -															
70	Casting of P.F. Column	19/1/18	m-25	26/1/18	70/1	17.5	520/23.33	23.62	16/2/18	70/4	720/32	740/32.8	33.0	X	X	
	C ₁₁ - (Y ₁₂ -X ₁)				2		520/23.33	23.62		70/5		740/32.8				
	C ₁₁ - (Y ₁₂ -X ₅)				3		540/24					720/32.8				

S.No	Location	Date of Casting	Mix of concrete	Date of Test	Cube Mark	Required Strength	Compressive Strength	Average Strength	Date of Test	Cube Mark	Required Strength	Compressive Strength	Average Strength	Sign of PMC	Sign of Contractor	Remarks
60	Casting of First Floor Column	6/1/18	m-25	13/1/18	60/1	17.5	450/20	20.36	3/2/18	60/4	820/36	820/36.44	28.51	X	X	
	C ₉ - (Y ₁₁ -X ₂)				2		470/21.77	20.36		5		820/36.44	28.51			
	C ₉ - (Y ₁₀ -X ₄)				3		430/21.11			6		660/27.33				
	C ₂ - (Y ₁₁ -X ₃)															
61	Casting of First Floor L.H. wall & Column	8/1/18	m-25	15/1/18	61/1	17.5	420/19.44	19.85	5/2/18	61/4	810/36	820/36.44	36.51	X	X	
	(Y ₈ -9/X ₆ -8)				2		450/20			5		820/36.44	36.51			
	C ₄ - (Y ₇ -X ₁₈)				3					6		830/36.88				
	C ₉ - (Y ₁₁ -X ₂)															
	C ₅ - (Y ₈ -X ₁₈)															
62	Casting of piles (South Side)	10/1/18	m-25	17/1/18	62/1	17.5	410/18.22	18.88	7/2/18	62/4	850/36.88	850/36.88	23.84	X	X	
					2		470/18.88	18.88		5		850/36.88	23.84			
					3		440/19.55			6		675/30				
63	Casting of First Floor L.H. wall	10/1/18	m-25	17/1/18	63/1	17.5	420/20.88	21.25	7/2/18	63/4	760/31.55	720/32.22	31.62	X	X	
	(Y ₈ -9/X ₆ -8)				2		470/21.11	21.25		5		720/32.22	31.62			
					3		490/21.77			6		700/31.11				
64	Casting of piles (South Side)	12/1/18	m-25	19/1/18	64/1	17.5	430/19.11	19.18	3/2/18	64/4	820/35.44	810/35	36.54	X	X	
					2		425/18.88	19.18		5		810/35	36.54			
					3		440/19.55			6		840/37.33				
65	Casting of P.F. L.H. wall & Column	13/1/18	m-25	20/1/18	65/1	17.5	420/21.33	22.07	10/2/18	65/4	750/35.5	725/32.77	32.65	X	X	
	C ₁₂ -13/X ₈ -9)				2		520/22.24			5		725/32.77	32.65			
	C ₇ - (Y ₁₀ -X ₇)				3		510/22.66			6		730/32.44				
	C ₄ - (Y ₁₂ -X ₁₁)															

Cube Test Report for the month of February, 2018

S.No	Location	Date of Casting	Mix Ratio of concrete	Mark	Required Strength	Compressive Strength	Average Strength	Date of Testing	Cube Mark	Required Strength	Compressive Strength	Average Strength	Sign of P.M.C	Sign of Contractor	Remarks
71	Casting of F.F. roof Slab (X_2-6/X_2-11)	25/1/18 m-25 7/2/18	1:2:4	71/1	17.5	430/19.11	19.85	22/2/18	71/4	700/31.1	71/5	720/32	31.55		
72	Casting of F.F. roof Slab (X_2-8/X_2-12)	25/1/18 m-25 7/2/18	1:2:4	72/1	17.5	430/19.11	19.85	22/2/18	72/4	810/36	72/5	820/36.88	36.21		
73	Casting of Fire Staircase and Second Floor Slab ($C_2-(Y_2-X_1)$) Column cc- (X_2-X_2)	25/1/18 m-25 7/2/18	1:2:4	73/1	17.5	430/19.11	19.85	22/2/18	73/4	620/30	73/5	630/30.88	30.40		
74	Casting of F.F. roof Slab (2nd Part) (X_2-13/X_2-18)	31/2/18 m-25 10/3/18	1:2:4	74/1	17.5	530/23.5	23.75	3/3/18	74/4	530/23.5	74/5	540/24	23.9		
75	Casting of F.F. roof Slab (2nd Part) (X_2-13/X_2-18)	31/2/18 m-25 10/3/18	1:2:4	75/1	17.5	530/23.5	23.75	3/3/18	75/4	530/23.5	75/5	540/24	23.9		
76	Casting of F.F. roof Slab (2nd Part) (X_2-13/X_2-18)	31/2/18 m-25 10/3/18	1:2:4	76/1	17.5	530/23.5	23.75	3/3/18	76/4	530/23.5	76/5	540/24	23.9		
77	Casting of Second Floor Column ($C_2-(Y_2-X_1)$) ($C_2-(Y_2-X_1)$) ($C_2-(Y_2-X_1)$)	6/2/18 m-25 13/2/18	1:2:4	77/1	17.5	530/23.5	23.75	3/3/18	77/4	530/23.5	77/5	540/24	23.9		

Check List Month of February-2018

Checklist for Reinforcement

PROJECT: RDS Club - Jaipur

Sheet No. -		Details <u>FIRST FLOOR ROOF SLAB (PART-02)</u>			
S. No.	Description	Date	31/01/18	1/02/18	2/02/18
1.	No oily substance used for removal of rust prior to assembly of reinforcement.	<u>OK</u>	OK	OK	OK
2.	Overlaps / splices staggered but in no case the overlapping is to be provided more than 50 % cross sectional area at one section and bound together at intervals not exceeding twice dia. of such bars.		Not-OK	OK	OK
3.	Binders, stirrups, links etc., the straight portion behind the curve not less than 8 times the nominal size of bar. Bar crossing one another tied at every intersection.		Not-OK	OK	OK
4.	Chairs, separators and spacer bars provided as per the directions.		Not-OK	Not-OK	OK
5.	Clear cover maintained & cover blocks are placed properly.		OK	OK	OK
6.	Spacing of bars as per schedule.		OK	OK	OK
7.	Alignment of bars maintained.		Not-OK	Not-OK	OK
8.	Bar - bending schedule approved & followed.		OK	OK	OK
9.	Checked by client Project Engg				
10.	Approved by Pro. Manager				

SUPERSTRUCTURES 02/02/18 Swapan 7 2/2/18

Page No. -

COMMENTS / REMARKS -

(i) B-404 Top extra steel is missing.

(ii) Beam ring hooks are not bent at 135°.

(iii) Column (3-set) of rings are not present.

(iv) Provide 3-set of rings at every column & beam junctions.

(v) Provide U-pins at beam junctions.

(vi) Maintain 25mm gap between beam main bar & extra bar.

(vii) Chairs are missing provide proper chairs.

(viii) Crank are not properly bent up, please engage labour to get it corrected.

SUPERSTRUCTURES 02/02/18 Swapan 7 2/2/18

Page No. -

Checklist for Reinforcement

PROJECT: RASOIT Jaipur

Second floor Roof Slab (Part I)

Sheet No. -		Details	
S. No.	Description	Date	Item
1.	No oily substance used for removal of rust prior to assembly of reinforcement.	22/02/18	OK
2.	Overlaps / splices staggered but in no case the overlapping is to be provided more than 50 % cross-sectional area at one section and bound together at intervals not exceeding twice dia. of such bars.	23/02/18	Not-OK
3.	Binders, stirrups, links etc., the straight portion behind the curve not less than 8 times the nominal size of bar. Bar crossing one another tied at every intersection.		OK
4.	Chairs, separators and spacer bars provided as per the directions.		Not-OK
5.	Clear cover maintained & cover blocks are placed properly.		OK
6.	Spacing of bars as per schedule		OK
7.	Alignment of bars maintained.		OK
8.	Bar - bending schedule approved & followed.		OK
9.	Checked by client Project Engg		OK
10.	Approved by Pro. Manager		

SUPERSTRUCTURES

Page No. -

COMMENTS / REMARKS -

- (i) Beam No. B1 25mm main bar 2 nos bottom and 32mm curb bar 2 nos bottom
- (ii) 2nd Layer Slab to be fixed profile with 25mm gap.
- (iii) Provide 16# circle curb at 2nd back side.
- (iv) B-500 2-25mm bar at present at 2nd side.
- (v) Provide 2-16# curb bar at 2nd back side.
- (vi) Provide curb bar @ when concrete pour and at Sump concrete 2-16mm curb bar.

SUPERSTRUCTURES

Page No. -

Pour Card for the month of February, 2018

SUPERSTRUCTURES		POUR CARD RCC	
Name of Work: RASOI Dairpur		Checklist No.	Date: 1/02/18
Contractor		Orgs Ref.	
Location		Quantity (M3):	Mix Grade:
		1ST INSPECTION	2ND INSPECTION
		Date: 01/02/18	Date: 02.02.18
		Time:	Time:
		Action Req.	Action Req.
Points to Check		REMARKS	
FORM WORK	1. Dimensions, level & Plumb	NOT-OK	OK
	2. Tightness & Rigidity	NOT-OK	OK
	3. Slope / Drop Formwork	OK	OK
	4. Cleanliness	NOT-OK	OK
	5. Shutter Release Agent	OK	OK
	6. Approval of scaffolding scheme	NOT-OK	OK
REBAR	1. Approval BBS available	Refer Rebar formwork cha	Refer Re-inforcement checklist
	2. No of bars & Laps as per BBS		
	3. Cleanliness		
	4. Covers & Binding Method		
CONCRETE	1. Box Joints	OK	OK
	2. Pipe Sleeves	OK	OK
	3. Embedded Rebar / Electrical Conduits	OK	OK
	4. Quality of Bulk Materials / PM?	OK	OK
	5. Plasticizers / Additives	OK	OK
	6. Expansion Joint Provisions if any	OK	OK
	7. Existing Concrete Mucking & Cleaning	OK	OK
	8. Special treatments on existing surface	OK	OK
	9. Lighting arrangements for illumination	OK	OK
EHS	1. PPE to workers provided	OK	OK
	2. Safe Working platform for pouring	OK	OK
	3. Safety nets / Me lines / Shift closures	OK	OK
	4. Safe access/ Approach to location	OK	OK
	5. Access of Emergency Exit Plan by all	OK	OK
	6. Electrical Safety is ensured	OK	OK
Approved for Casting			
Clearance for Concreting		PMC	Contractor
Clearance Date		Clearance Date	
POST CONCRETING	Pour Start Date & Time: 9:30 AM 03.02.18	No. of Cubes Taken: 12	Cube Id Numbers
	Pour End Date & Time:	Average Slump (MM): 110 mm	
	Method of Pouring & Vibration	<input checked="" type="checkbox"/> Accurate <input type="checkbox"/> To improve <input type="checkbox"/> To improve	<input checked="" type="checkbox"/> Accurate <input type="checkbox"/> To improve <input type="checkbox"/> To improve
	Stability of Formwork after Pour	<input type="checkbox"/> Accurate <input checked="" type="checkbox"/> To improve <input type="checkbox"/> To improve	<input type="checkbox"/> Accurate <input type="checkbox"/> To improve <input type="checkbox"/> To improve
	Level, Level & finishing	<input checked="" type="checkbox"/> Accurate <input type="checkbox"/> To improve <input type="checkbox"/> To improve	<input type="checkbox"/> Accurate <input type="checkbox"/> To improve <input type="checkbox"/> To improve
	Observations / Remarks:		
Contractor		Project Engineer (CLIENT)	Project Manager
			Susmit 2/2/18

Pour Card for the month of February, 2018

SUPERSTRUCTURES		FOUR CARD RCC	
Name of Work: RASOT Jaipur		Checklist No.	Date: 22/02/18
Contractor: H.R. Wadia		Org: Ref:	
Location: Second floor Roof		Quantity (M3):	Mix Grade:
Rein Slab (+11.25mm)		1ST INSPECTION Date: 22/2/18 Time: 4:00 PM	2ND INSPECTION Date: 23/2/18 Time: 4:00 PM
Points to Check		Action Req	REMARKS
FORMWORK	1. Dimensions, level & Plumb	NOT-OK	OK
	2. Tightness & Rigidity	NOT-OK	OK
	3. Slop / Drop Formwork	OK	OK
	4. Cleanliness	NOT-OK	OK
	5. Shutter Release Agent	OK	OK
	6. Approval of scaffolding scheme	NOT-OK	OK
REBAR	1. Approved RBS available	Refer	Refer
	2. No of bars & Laps as per BBS	Refer	Refer
	3. Cleanliness	Check List	Check List
	4. Covers & Binding Rigidity		
GENERAL	1. Box Out	OK	OK
	2. Pipe Sleeves	OK	OK
	3. Embedded Items / Electrical Conduits	OK	OK
	4. Quality of Bulk Materials / RMC	OK	OK
	5. Plasticizers / Additives		
	6. Expansion Joint Provisions if any		
	7. Existing Concrete Hacking & Cleaning	NOT-OK	OK
	8. Special treatments in existing surface		
EHS	1. Lighting arrangements for illumination	OK	OK
	2. PPE to workers provided	OK	OK
	3. Safe Working platform for pouring	OK	OK
	4. Safety nets / life lines / shaft closures		
	5. Safe access/ Approach to location	OK	OK
	6. Awareness of Emergency Exit Plan by all	OK	OK
CLEARANCE	Approved for Casting		
	Clearance for Concreting		
POST CONCRETING	PMO	Contractor	Clearance Date
	Pour Start Date & Time: 24.02.18 (10:15 AM)	No. of Cubes Taken:	Cube Id Numbers
	Pour End Date & Time:	Average Slump (MM)	
	Method of Pouring & Vibration	Arrangement for Curing / Ponding	
	Stability of Formwork after Pour	Others provided	
	Line, Level & Squaring		
	Observations / Remarks:		
	Task End Date:		
	Contractor	Project Engineer (CLIENT)	Project Manager (PMC)
	<p>23/02/18</p> <p>23/2/18 (PMC)</p> <p>23/2/18</p>		

Checking Record by Architect & Structure Consultants

SNO	DATE	WORK DESCRIPTION/LOCATION	ARCHITECT SIGN.	STRUCTURAL CONSULTANT SIGN.	PMC SIGN.	CONTRACTOR SIGN.	REMARKS
12.	23/1/18	First Floor Roof Slab reinforcement. draws, dimensions checked and found correct. The slab is approved for casting. ① Provide 12-bars in beam 438 at beam junction. 2#12@. ② Cover block in beam 438. ③ Provide U-bars in beam 412 at beam junction. 2#12@. ④ Top rebars to be bent in beam 421. ⑤ Provide U-bars from bottom side also @ beam junction of 75mm width. ⑥ Chairs to be tied properly. ⑦ The bars to be provided where crack bars is showing more than 3mm. ⑧ Provide U-bars in remaining columns. <i>Govind Kumar</i>	<i>[Signature]</i> 23/01/18	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	
13.	26/1/18	First Floor Roof Slab ^(Part B) reinforcement. draws, dimensions checked and found correct. The slab is approved for casting. <i>Govind Kumar</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	

SNO	DATE	WORK DESCRIPTION/LOCATION	Arch SIGN.	Struct. Eng. SIGN.	PMC SIGN.	Contractor SIGN.	REMARKS
20.	23-02-18	① Beam No. 31 25mm - (curb) - 2nd layer 32mm - (curb) - 2nd layer ② 2nd layer steel to be banded properly with 25mm gap. ③ Provide 10# channels extra at lift portion. ④ B-507 8-25# bars are missing at bottom. ⑤ Provide 2-16bars at top (curb area). ⑥ Provide extra bar @ where cracks are coming at same level of 2 panels. <i>pl. Rectify</i> <i>[Signature]</i> 23/2/18	<i>[Signature]</i>	<i>[Signature]</i> 22/2/18	<i>[Signature]</i>	<i>[Signature]</i>	

MAJOR PENDING DECISIONS & REQUIREMENTS AT SITE

Some other decisions pending at site are as follows:-

- (i) Decision on Interior Designer.
- (ii) Plumbing & Electrical Material Vendors to be finalized for procurement.
- (iii) Cement contract with Wonder Cement to be renewed or new vendor to be finalized.

Signature

Mr. Vipin Pachlangia
(Project Head)
Mobile: 91-9929312666

Signature

Mr. Kulvinder Singh
(PMC Head)
Mobile: 91-9314480610