



MONTHLY PROGRESS REPORT

AUGUST, 2017



RAS OFFICERS' INSTITUTE (CLUB HOUSE)

(2, institutional Area, Near DainikBhaskar, Jaipur)

Developers: M/S RAS Officers' Institute

2, institutional Area, NearDainikBhaskar-Jaipur

Prepaid 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:91-9680282624.

Project Management Consultants

M/S SUPERSTRUCTURES

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

New Sanganer Road, Jaipur

Phone: 91-9314932438, 0141 5106606

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

Chitrakoot,Vaisali Nagar-Jaipur

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

Electrical Work Contractor

M/S Vijay Electric serviceF9/465,

VivekVihar, New Sanganer Road, Sodala-Jaipur

Mr. Shyam VijayMob:91-9783300501







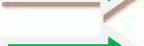

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Distribution to:-

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

EXECUTIVE SUMMARY

-  Excavation of raft foundation completed.
-  PCC for raft foundation completed.
-  Column raft foundation in completed.
-  Retaining wall of lower basement in progress.
-  Columns Concrete Casting of lower basement completed.
-  Lower Basement Roof slab Casting in progress.
-  Upper basement Columns shuttering, bar binding & Casting in progress.
-  Upper basement roof slab Shuttering in progress

PROJECT VIEW as on 31st August '17



MILESTONES ACHIEVED

(i) At Execution Level:-

- (i) Bar binding & casting of raft foundation 95% completed.
- (ii) Lower basement roof slab shuttering, bar binding & casting 60% completed.
- (iii) Bar binding of lower basement column & retaining wall 75% completed.
- (iv) Shuttering&bar binding of upper basement column & retaining wall 50% completed.
- (v) Shuttering of upper basement roof slab in progress

At Decision Level:-

- (i) Electrical work (on labour basis) contractor finalized i.e. M/S VIJAY ELECTRICAL SERVICE.

MANPOWER DEPLOYED AT SITE STATUS

Total Manpower Deployed at Site by different Agencies / Vendors

Manpower Details Till 31 th August'17					
S. No.	Name of Contractor	Work	Skilled	Unskilled	Total
1.0	H.R. Gwala	Civil Work	58	359	417
1.1	Robin/ (H.R. Gwala)	Bar Binding	208	301	302
1.2	Raju/(H.R. Gwala)	Shuttering	170	132	509
2.0	Rajendera Sharma	Site Barricading	10	11	21
3.0	Vijay Electrical Service	Electrical	14	0	14
Total			460	803	1263

STEEL& CEMENT STATUS

A. Steel Received & Consumed Details in August '17

Diameter of Bar	Received Till Date (MT)	Received in August '17 (MT)	Consumed in August '17 (MT)	Total Consumed till Date (MT)	Balance at Site as on 31.08.17 (MT)
8mm	20.41	3.44	3.44	11.32	9.09
10mm	50.04	19.89	26.91	38.13	11.91
12mm	48.8	0.00	3.68	39.91	8.89
16mm	21.78	1.04	7.68	21.61	0.17
20mm	10.08	6.34	4.83	7.10	2.98
25mm	23.77	15.36	17.48	20.61	3.16
32mm	37.35	18.54	22.39	33.07	4.28
Total (MT)	212.23	64.64	86.4	171.75	40.48

B. Cement Consumed & Received Details in month of August '17

Received Till Date (Bags)	Location	Received in August '17 (Bags)	Consumed Till Date (Bags)	Consumed in August '17 (Bags)	Balance at Site as on August 31.08.17 (Bags)
2550	At Site	1300	2428	1738	122
5133	At RMC Plant	572	3460	3865	696

PROPOSED SCHEDULES FOR THE MONTH OF SEPTEMBER '17

Following Activities are planned for the Month of September '17

- (i) Lower basement shuttering, bar binding & concreting (casting) work.
- (ii) Column concreting (casting) lower basement roof slab to ground floor roof slab (up to ground level).
- (iii) Swimming pool base slab shuttering, bar binding & casting
- (iv) Upper basement roof slab Shuttering, bar binding work & electrical conducting work.
- (v) Upper basement roof slab casting.
- (vi) Refilling of earth behind Retaining Wall

STEEL & CEMENT REQUIREMENT FOR THE MONTH OF SEPTEMBER '17

A. Steel Requirement Detail for the Month of September '17

S. No.	Location of Use	Dia. Of Bars	# Required Quantity (MT)	Available at Site (MT)	Net Required Quantity (MT)
1.	Upper basement roof slab & Swimming pool base slab	8mm	15.09	9.09	6.00
		10mm	37.91	11.91	26.00
		12mm	11.39	8.89	2.50
		16mm	3.17	0.17	3.00
		20mm	9.48	2.98	6.50
		25mm	27.16	3.16	24.00
		32mm	26.28	4.28	22.00
Total Qty Required (MT)			130.48 MT	40.48 MT	90.00 MT

B. Cement Requirement Detail for the Month of September '17**(i) Cement (PPC) At site**

S. No.	Description of Work	Qty.	Unit	Coefficient	Quantity Reqd. (Bags)
1	PCC & RCC Work				
(i)	Column & retaining wall	62	cum	7.08	438.96
(ii)	Lower basement roof slab (for balance area)	120	cum	7.08	849.6
(ii)	Upper basement roof slab	340	cum	7.08	2407.2
Total Required Bags of Cement for the Month of September '17					3695.76
Total Available Bags of Cement at Site					122
Net Required Bags of Cement for the Month of September '17					3573.76
Say					3600 Bags

(ii) Cement (OPC) at RMC Plant

S. No.	Description of Work	Qty.	Unit	Coefficient	Quantity Reqd. (Bags)
1	Raft Foundation	110	Cum	5.00	550. (Available at RMC plant)
Total Required Bags of Cement for the Month of September '17 (at Site & RMC Plant)					3600 Bags

C. Weekly Material Procurement Schedule month of September '17

WEEKLY MATERIAL REQUIREMENT SCHEDULE FOR THE MONTH OF SEPTEMBER '17							
S. NO.	MATERIAL DESCRIPTION	1st WEEK	2nd WEEK	3rd WEEK	4th WEEK	TOTAL QUANTITY	Remarks (if any)
1	Steel	-	90.00	-	-	90.00 MT	For swimming pool & upper basement roof slab
2	Cement(PPC)	-	1200	1200	1200	3600Bags	
3	Cement (OPC)	-	-	-	-	0.00 Bags	

DRAWING STATUS**List of Drawings Received in the Month of August '17**

Following Drawings Received in month of august from Architect Design & Services (ADS) by PMC Engineer and issued to concerning Contractors at site.

S.No	Date of Received	Drawing Title	Drawing No.	Revision No.	Remark
1	22-07-2017	Lower basement roof detail.	-		
2	22-07-2017	Lower basement roof beam detail.	-		
3	02-08-2017	Lower basement roof detail.	-		
4	05-08-2017	Staircase-2 from lower basement to upper basement stair detail.	-		
5	05-08-2017	Shuttering plan.	176/RASC/LBS/07		
6	05-08-2017	Lower basement roof beam (R/F) detail (A).	-		
7	05-08-2017	Lower basement roof beam detail (B).	-		
8	05-08-2017	Lower basement roof R/F detail.	-		
9	11-08-2017	Sleeve detail (lower basement).	176/RASC/LBP/SD		
10	12-08-2017	Staircase from upper basement to ground floor.	-		
11	12-08-2017	Staircase from lower basement to upper basement.	-		
12	12-08-2017	Staircase from ground floor to lift landing level.	-		
13	12-08-2017	Re-Sleeve details.	-		
14	12-08-2017	Raft detail.	-		
15	12-08-2017	Column schedule.	-		
16	12-08-2017	Ramp retaining wallplan (Duplicate Copy).	176/RASC/UBS/03		
17	16-08-2017	Upper basement ramp plan.	-		
18	16-08-2017	Lower basement ramp plan.	-		
19	16-08-2017	Lower basement below ramp plan.	-		
20	17-08-2017	Electrical layout.	176/RASC/LBP/SD		
21	26/08/2017	Shuttering plan (Upper basement).	176/RASC/UBS/03		
22	26-08-2017	Shuttering plan(swimming pool base slab).	176/RASC/UBS/03		

List of Drawings Required in September '17**Following Drawings are required at site in the Month of September '17**

S. No.	Drawing Title	Date of Required on OR Before
1	Ground floor column center line plan	01.09.2017
2	Layout of Swimming Pool Front Column	01.09.2017
3	Ground Floor Roof Slab Shuttering Plan	05.09.2017
4	Ground Floor Roof Slab & Beam R/F Detail	05.09.2017
5	Upper Basement floor Sleeves Detail	05.09.2017
6	Under Ground Water Tank Puddle flange details	10.09.2017
7	Puddle Flange Location in UG Tank Detail	10.09.2017
8	Lower Basement Floor Plan	10.09.2017
9	Revise Ramp Drawing	05.09.2017
10	Revised Raft Details & Section	05.09.2017
11	Upper Basement floor electric plan	05.09.2017
12	Upper Basement Floor Plan	10.09.2017
13	Upper Basement Floor Plane	10.09.2017

PROGRESS PHOTOGRAPHS

Site View 01 August '17



Site View 01 August '17





Project View 31August-17





Site View 31 August- 2017





Material Testing Report (Coarse Aggregate)

 TRIANGLE RMC (A Division Of Triangle Engineers Pvt Ltd.)						QC
TEST FOR AGGREGATES						
<u>SIEVE ANALYSIS OF FINE AGGREGATE</u> (IS: 383/2386)						
Location	RMC Plant - Sitapura Jaipur			Date	11-Aug-17	
Source	Banasa					
Size	Natural Sand					
IS Sieve mm	Weight retained gms	% Retained	Cum % Retained	Cum% Passing	As per IS 383 Limits	Remarks
10.000	0	0	0	100	100	
4.750	27	2.99	2.99	97.01	90-100	
2.360	60	6.64	9.63	90.37	75-100	
1.180	205	22.7	32.34	67.66	55-90	
0.600	215	23.81	56.15	43.85	35-50	
0.300	365	40.42	96.57	3.43	Aug-30	
0.150	10	1.11	97.67	2.33	0-10	
pan	21	2.33	100	0		
Total =	903					
Grading Zone = II Silt By Weight = 2.20% Silt By Volume @ 3 Hrs = 4.10% Fineness Modulus = 2.95 Test accepted / rejected under clause 4.3(Table - 4) of IS 383 - 1970						
						

Material Testing Report (20mm Aggregate)

 TRIANGLE RMC (A Division Of Triangle Engineers Pvt Ltd.)					QC	
TEST FOR AGGREGATES						
SIEVE ANALYSIS OF COARSE AGGREGATE (IS: 383/2386)						
Location	RMC Plant - Sitapura Jaipur		Date	11-Aug-17		
Source	Gunawla					
Size	20 MM					
IS Sieve mm	Weight retained gms	% Retained	Cum % Retained	Cum% Passing	As per IS 383 Limits	Remarks
40.000	0	0	0	100	100	
20.000	312	9.25	9.25	90.75	85-100	
10.000	2805	83.19	92.44	7.56	0-20	
4.750	205	6.08	98.52	1.48	0-5	
pan	50	1.48	100	0	-	
Total =	3372					
Size	10 MM					
IS Sieve mm	Weight retained gms	% Retained	Cum % Retained	Cum% Passing	As per IS 383 Limits	Remarks
12.500	0	0	0	100	100	
10.000	250	13.12	13.12	86.88	85-100	
4.750	1545	81.1	94.23	5.77	0-20	
2.360	70	3.67	97.9	2.1	0-5	
pan	40	2.1	100	0	-	
Total =	1905					
Test accepted / rejected under clause 4.3(Table - 4) of IS 383 - 1970						
						

Material Testing Report (10mm Aggregate)

		TRIANGLE RMC (A Division Of Triangle Engineers Pvt Ltd.) TEST FOR AGGREGATES				QC	
<u>Flakiness & Elongation Index</u> (IS: 2386)							
Location Source Size RMC Plant - Sitapura Jaipur Gunawta 10 MM		Date : 11-Aug-17					
Sieve Size(mm)		Mass of test sample (consisting of atleast 200pieces) (gm)	Mass of Flacky Aggregate Passing the flakiness slot (gm)	Mass of non flacky aggregate retained on the flakiness slot (gm)	Mass of sample retained on elongation gauge for aggregate which are nor flacky	Mass of sample retained on elongation gauge for aggregate which are flacky	Remarks
Passing	Retained						
63	50	0	0	0	0	0	
50	40	0	0	0	0	0	
40	25	0	0	0	0	0	
31.5	25	0	0	0	0	0	
25	20	0	0	0	0	0	
20	16	0	0	0	0	0	
16	12.5	0	0	0	0	0	
12.5	10	525	105	420	50	475	
10	6.3	210	62	148	70	140	
Total		735	167	568	120	615	
Flakiness Index = $\frac{\text{Mass of flacky agg. Passing the flakiness slot}}{\text{Total mass of sample}} \times 100$						22.72	
Flakiness Index = $\frac{\text{Mass of sample retained on elongation gauge}}{\text{Total mass of sample}} \times 100$						16.33	
							

Cube Testing Result Sheet

Sl. No.	Location	Grade	Age	Test Date	Test Result (MPa)	Design Strength (MPa)	Remarks
1	Column Casting	M20	7	22-08	22.5	22.5	
2	Beam Casting	M20	7	22-08	22.5	22.5	
3	Slab Casting	M20	7	22-08	22.5	22.5	
4	Column Casting	M20	7	22-08	22.5	22.5	
5	Beam Casting	M20	7	22-08	22.5	22.5	
6	Slab Casting	M20	7	22-08	22.5	22.5	
7	Column Casting	M20	7	22-08	22.5	22.5	
8	Beam Casting	M20	7	22-08	22.5	22.5	
9	Slab Casting	M20	7	22-08	22.5	22.5	
10	Column Casting	M20	7	22-08	22.5	22.5	
11	Beam Casting	M20	7	22-08	22.5	22.5	
12	Slab Casting	M20	7	22-08	22.5	22.5	
13	Column Casting	M20	7	22-08	22.5	22.5	
14	Beam Casting	M20	7	22-08	22.5	22.5	
15	Slab Casting	M20	7	22-08	22.5	22.5	
16	Column Casting	M20	7	22-08	22.5	22.5	
17	Beam Casting	M20	7	22-08	22.5	22.5	
18	Slab Casting	M20	7	22-08	22.5	22.5	

Check List Month of August-2017

Checklist for Reinforcement - Month of August-17

PROJECT: RASOT-JADPS

Sheet No. _____

S. No.	Description	Details									
		Date 21/8/17	22/8/17	23/8/17	24/8/17	25/8/17	26/8/17	27/8/17	28/8/17	29/8/17	30/8/17
1	No oily substance used for removal of rust prior to assembly of reinforcement.	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
2	Overlaps / splices staggered but in no case the overlapping is to be provided more than 30% cross-sectional area at one section and bound together at intervals not exceeding twice dia. of such bars.	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
3	Bendless, 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.	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
4	Chairs, separators and spacer bars provided as per the dimensions.	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
5	Clear cover maintained & cover blocks are placed properly.	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
6	Spacing of bars as per schedule.	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
7	Alignment of bars maintained.	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
8	Bar - bending schedule approved & followed.	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
9	Checked by client Project Engg	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked
10	Approved by Prn. Manager	checked	checked	checked	checked	checked	checked	checked	checked	checked	checked


SUPERSTRUCTURES


Page No. -02

Check List Month of August-2017

SUPERSTRUCTURES		POUR CARD RCC	
Name of Work: <u>Construction of RASO-I-TAJPUR</u>		Checklist No. <u>08</u>	Date: <u>3/8/17</u>
Contractor: <u>HR Inwala</u>		Drgs Ref:	
Location: <u>Column Casting at Lower Basement Floor</u>		Quantity (M ³): <u>9.75 cum</u>	Mix Grade: <u>M-25</u>
		1ST INSPECTION	2ND INSPECTION
		Date: <u>3/8/17</u>	Date:
		Time: <u>8:30 AM</u>	Time:
Points to Check		Action Req.	Action Req.
FORM WORK	1. Dimensions, level & Plumb	<input checked="" type="checkbox"/>	
	2. Tightness & Rigidity	<input checked="" type="checkbox"/>	
	3. Slope / Drip Formwork	<input checked="" type="checkbox"/>	
	4. Cleanliness	<input checked="" type="checkbox"/>	
	5. Shutter Release Agent	<input checked="" type="checkbox"/>	
	6. Approval of scaffolding scheme	<input checked="" type="checkbox"/>	
REBAR	1. Approved BBS available	<input checked="" type="checkbox"/>	
	2. No. of bars & Laps as per BBS	<input checked="" type="checkbox"/>	
	3. Cleanliness	<input checked="" type="checkbox"/>	
	4. Covers & Binding Rigidity	<input checked="" type="checkbox"/>	
GENERAL	1. Box Outlets	<input checked="" type="checkbox"/>	
	2. Pipe Shoes	<input checked="" type="checkbox"/>	<u>No Required</u>
	3. Embedded items / Electrical Conduits	<input checked="" type="checkbox"/>	<u>Not Required</u>
	4. Quality of Bulk Materials / RMC	<input checked="" type="checkbox"/>	
	5. Fasteners / Adhesives	<input checked="" type="checkbox"/>	
	6. Expansion Joint Provisions if any	<input checked="" type="checkbox"/>	<u>No more Joints</u>
	7. Existing Concrete Hacking & Cleaning	<input checked="" type="checkbox"/>	<u>Done Casting</u>
	8. Special treatments in existing surface	<input checked="" type="checkbox"/>	<u>Done Surface</u>
	9. Lighting arrangements for illumination	<input checked="" type="checkbox"/>	
EHS	1. PPE to workers provided	<input checked="" type="checkbox"/>	
	2. Safe Working platform for pouring	<input checked="" type="checkbox"/>	
	3. Safety nets / life lines / stuff closures	<input checked="" type="checkbox"/>	
	4. Safe access/ Approach to location	<input checked="" type="checkbox"/>	
	5. Aware of Emergency Exit Plan by all	<input checked="" type="checkbox"/>	
	6. Electrical Safety is ensured	<input checked="" type="checkbox"/>	
CLEARANCE			
Clearance for concreting		PMC <input checked="" type="checkbox"/>	Contractor
Pour Start Date & Time: <u>3/8/17 9:30 AM</u>		No. of Cubes Taken: <u>8</u>	Clearance Date: <u>3/8/17</u>
Pour End Date & Time: <u>3/8/17 7:15 PM</u>		Average Slump(MM): <u>110 mm</u>	Cube Id Numbers: <u>Mark on cube</u>
POST CONCRETING	Method of Pouring & Vibration	<input checked="" type="checkbox"/> Accessible <input type="checkbox"/> To Inspect	Arrangements for Curing / Ponding
	Stability of Formwork after Pour	<input checked="" type="checkbox"/> Accessible <input type="checkbox"/> To Inspect	Others (Specify)
	Line, Level & Finishing	<input checked="" type="checkbox"/> Accessible <input type="checkbox"/> To Inspect	
	Observations / Remarks:		
Contractor: <u>(Signature)</u>		Project Engineer (CLIENT): <u>(Signature)</u>	Project Manager (PMC): <u>(Signature)</u>
		Task End Date:	

SUPERSTRUCTURES		POUR CARD	
Name of Work: RASOI - JATPUR		Checklist No. 03 Date: 13/8/17	
Contractor: HR Gwalia		Drgs Ref:	
Location: Column of Lower Basement & Ramp Retaining Wall.		Quantity (M ³): 8.65 CU.M.	Mix Grade: M 25
Points to Check		1ST INSPECTION	2ND INSPECTION
		Date: 13/8/17	Date:
		Time: 9:05	Time:
		Action Req	Action Req
			REMARKS
FORM WORK	1. Dimensions, level & Plumb	<input checked="" type="checkbox"/>	
	2. Tightness & Rigidity	<input checked="" type="checkbox"/>	
	3. Slope / Drop Formwork	<input checked="" type="checkbox"/>	
	4. Cleanliness	<input checked="" type="checkbox"/> cleaning not proper	<input checked="" type="checkbox"/> checked & ok at site
	5. Shutter Release Agent	<input checked="" type="checkbox"/>	
	6. Approval of scaffolding scheme	<input checked="" type="checkbox"/>	
REBAR	1. Approved BBS available	<input checked="" type="checkbox"/>	
	2. No of bars & Laps as per BBS	<input checked="" type="checkbox"/>	
	3. Cleanliness	<input checked="" type="checkbox"/>	
	4. Covers & Binding Rigidity	<input checked="" type="checkbox"/>	
GENERAL	1. Box Cuts	<input checked="" type="checkbox"/>	
	2. Pipe Sleeves	<input checked="" type="checkbox"/> No Residual	<input checked="" type="checkbox"/> No Residual
	3. Embedded Items / Electrical Conduits	<input checked="" type="checkbox"/>	
	4. Quality of Bulk Materials / RMC	<input checked="" type="checkbox"/>	
	5. Plasticizers / Additives	<input checked="" type="checkbox"/>	
	6. Expansion Joint Provisions if any	<input checked="" type="checkbox"/> No Poly Joint	
	7. Existing Concrete Hacking & Cleaning	<input checked="" type="checkbox"/> new casting	
	8. Special treatments in existing surface	<input checked="" type="checkbox"/>	
	9. Lighting arrangements for illumination	<input checked="" type="checkbox"/>	
EHS	1. PPE to workers provided	<input checked="" type="checkbox"/>	
	2. Safe Working platform for pouring	<input checked="" type="checkbox"/>	
	3. Safety nets / life lines / shaft closures	<input checked="" type="checkbox"/>	
	4. Safe access/ Approach to location	<input checked="" type="checkbox"/>	
	5. Aware of Emergency Exit Plan by all	<input checked="" type="checkbox"/>	
	6. Electrical Safety is ensured	<input checked="" type="checkbox"/>	
CLEARANCE			
Clearance for Concreting		PMC	Contractor
Clearance Date			
POST CONCRETING	Pour Start Date & Time	13/8/17 9:05	No. of Cubes Taken 6
	Pour End Date & Time	13/8/17 5:16 PM	Average Slump (MM) 95-105mm
	Method of Pouring & Vibration	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To improve	Arrangement for Curing / Ponding
	Stability of Formwork after Pour	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To improve	Others (Specify)
	Line, Level & finishing	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To improve	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To improve
	Observations / Remarks:		
Contractor: D. Gwalia		Project Engineer [CLIENT]: D. Gwalia	Project Manager [PMC]: V. S. S.
		Task End Date:	

 SUPERSTRUCTURES <small>PROJECT MANAGEMENT CONSULTANTS</small>		POUR CARD RCC	
Name of Work: RASOIT - TAJUR		Checklist No. 11	Date: 26/8/17
Contractor: HR- Gwala		Dirgs Ref:	
Location: Lower Basement Roof slab at work X6+X18/Y2-Y6		Quantity (M3): 150 Cu-m.	Mix Grade: M-25'
		1ST INSPECTION Date: 26/8/17 Time: 8:00 AM	2ND INSPECTION Date: 26/8/17 Time: 9:05 AM
Points to Check		Action Req	Action Req
FORM WORK	1. Dimensions, level & Plumb	<input checked="" type="checkbox"/>	
	2. Tightness & Rigidity	<input checked="" type="checkbox"/>	
	3. Slope / Diag Formwork	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> checked & OK
	4. Cleanliness	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> checked-
	5. Shutter Release Agent	<input checked="" type="checkbox"/>	
	6. Approval of scaffolding scheme	<input checked="" type="checkbox"/>	
REBAR	1. Approved BBS available	<input checked="" type="checkbox"/>	
	2. No of bars, & Laps as per BBS	<input checked="" type="checkbox"/>	
	3. Cleanliness	<input checked="" type="checkbox"/>	
	4. Covers & Binding Rigidity	<input checked="" type="checkbox"/>	
GENERAL	1. Box Outs	<input checked="" type="checkbox"/>	
	2. Pipe Sleeves	<input checked="" type="checkbox"/>	
	3. Embedded Items / Electrical Conduits	<input checked="" type="checkbox"/>	
	4. Quality of Bulk Materials / PMC	<input checked="" type="checkbox"/>	
	5. Plastifiers / Additives	<input checked="" type="checkbox"/>	
	6. Expansion Joint Provisions if any	<input checked="" type="checkbox"/>	
	7. Existing Concrete Hacking & Cleaning	<input checked="" type="checkbox"/>	Now calling
	8. Special treatments in existing surface	<input checked="" type="checkbox"/>	Now calling
	9. Lighting arrangements for illumination	<input checked="" type="checkbox"/>	
EHS	1. PPE to workers provided	<input checked="" type="checkbox"/>	
	2. Safe Working platform for pouring	<input checked="" type="checkbox"/>	
	3. Safety nets / life lines / shaft closures	<input checked="" type="checkbox"/>	
	4. Safe access/ Approach to location	<input checked="" type="checkbox"/>	
	5. Aware of Emergency Exit Plan by all	<input checked="" type="checkbox"/>	
	6. Electrical Safety is ensured	<input checked="" type="checkbox"/>	
CLEARANCE			
Clearance for Concreting		PMC	Contractor
Pour Start Date & Time: 26/8/17 8:00 AM		No. of Cubes Taken: 9 Nos	Clearance Date:
Pour End Date & Time: 27/8/17 6:30 AM		Average Slump(MM): 110mm	Cube ID Numbers:
POST CONCRETING	Method of Pouring & Vibration	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To Improve	Arrangement for Curing / Ponding
	Stability of Formwork after Pour	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To Improve	Others Spacing
	Line, Level & Finishing	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To Improve	<input type="checkbox"/> Acceptable <input type="checkbox"/> To Improve
Observations / Remarks:			
Contractor: <i>(Signature)</i>		Project Engineer (CLIENT): <i>(Signature)</i>	Project Manager (PMC): <i>(Signature)</i>
			Task End Date:

 SUPERSTRUCTURES <small>PROJECT MANAGEMENT CONSULTANTS</small>		POUR CARD RCC		
Name of Work: RASO'I - JAIPUR.		Checklist No. 12 Date: 26/8/17		
Contractor: HR. GOWDA.		Drgs Ref:		
Location: RAFT Foundation Casting		Quantity (M ³): 144 Cu.m.	Mix Grade: M-25	
1ST INSPECTION Date: _____ Time: _____		2ND INSPECTION Date: _____ Time: _____		
Action Req. <input checked="" type="checkbox"/>		Action Req. <input checked="" type="checkbox"/>		
Points to Check		REMARKS		
FORM WORKS	1. Dimensions, level & Plumb	<input checked="" type="checkbox"/>		
	2. Tightness & Rigidity	<input checked="" type="checkbox"/>		
	3. Stop / Drop Formwork	<input checked="" type="checkbox"/>		
	4. Cleanliness	<input checked="" type="checkbox"/>		
	5. Shutter Release Agent	<input checked="" type="checkbox"/>		
REBAR	6. Approval of scaffolding scheme	<input checked="" type="checkbox"/>		
	1. Approved BBS available	<input checked="" type="checkbox"/>		
	2. No of bars, & Laps as per BBS	<input checked="" type="checkbox"/>		
	3. Cleanliness	<input checked="" type="checkbox"/>		
GENERAL	4. Covers & Binding Rigidity	<input checked="" type="checkbox"/>		
	1. Box Outs	<input checked="" type="checkbox"/>		
	2. Pipe Sleeves	<input checked="" type="checkbox"/>	No Req.	
	3. Embedded Items / Electrical Conduits	<input checked="" type="checkbox"/>	No Req.	
	4. Quality of Bulk Materials / RMC	<input checked="" type="checkbox"/>		
	5. Plasticizers / Additives	<input checked="" type="checkbox"/>		
	6. Expansion Joint Provisions if any	<input checked="" type="checkbox"/>		
	7. Existing Concrete Hacking & Cleaning	<input checked="" type="checkbox"/>		
	8. Special treatments in existing surface	<input checked="" type="checkbox"/>	Past of Nitro Bond	
EHS	9. Lighting arrangements for illumination	<input checked="" type="checkbox"/>		
	1. PPE to workers provided	<input checked="" type="checkbox"/>		
	2. Safe Working platform for pouring	<input checked="" type="checkbox"/>		
	3. Safety nets / life lines / shaft closures	<input checked="" type="checkbox"/>		
	4. Safe access/ Approach to location	<input checked="" type="checkbox"/>		
	5. Aware of Emergency Exit Plan by all	<input checked="" type="checkbox"/>		
CLEARANCE	6. Electrical Safety is ensured	<input checked="" type="checkbox"/>		
	Clearance for Concreting: PMC Contractor: _____ Clearance Date: 25/8/17			
POST CONCRETING	Pour Start Date & Time: 26/8/17 7:20 PM	No. of Cubes Taken: 12	Cube Id Numbers:	
	Pour End Date & Time: 27/8/17 10: AM	Average Slump(MM): 110-120mm		
	Method of Pouring & Vibration: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To Improve	Arrangement for Curing / Ponding: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To Improve		
	Stability of Formwork after Pour: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To Improve	Others (Specify):		
	Line, Level & Finishing: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> To Improve			
Observations / Remarks:				
Contractor: Shreejyoti		Project Manager (PMC): Vinod		
Project Engineer (CLIENT):		Task End Date:		

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 25/8/17

SUPERSTRUCTURES PROJECT MANAGEMENT CONSULTANTS		FOUR CARD RCC	
Name of Work: <u>RASOI - TAJDIR</u>		Checklist No. <u>13</u>	Date: <u>28/08/17</u>
Contractor: <u>HR. Jaiswal</u>		Drgs Ref:	
Locality: <u>Upper Belvedere</u> <u>Calcutta Building No</u> <u>C2/93/11/1, C2/94/11/1</u> <u>Sl. No - 111</u>		Quantity (M ³): <u>7.95 cum.</u>	Mix Grade: <u>M25</u>
1ST INSPECTION Date: <u>28/08/17</u> Site: <u>9.15 AM</u>		2ND INSPECTION Date: _____ Time: _____	Use Mix: _____ RMC & Source: _____
Points to Check		Autoclave Pbc	Autoclave Pbc
FORMWORK	1. Dimensions, level & Plumb	✓	
	2. Tightness & Rigidity	✓	
	3. Stop / Drop / joints	✓	
	4. Clearances	✓	
	5. Shutter Release Agent	✓	
	6. Approval of scaffolding scheme	✓	
REBAR	1. Approved BBS to be used	✓	
	2. No of bars & Laps as per BBS	✓	
	3. Clearances	✓	
	4. Covers & Binding Rigidity	✓	
CONCRETE	1. Box Date	-	
	2. Pipe Stickers	-	<u>No Required</u>
	3. Embedded items / Electrical Conduits	-	<u>No Required</u>
	4. Quality of Bulk Materials / P/M	✓	
	5. Plaster / Admix	✓	
	6. Expansion Joint Provision if any	-	<u>Not existing</u>
	7. Existing Concrete Finishing & Cleaning	-	<u>Not applicable</u>
	8. Special treatments to existing surface	-	
	9. Lighting arrangements for illumination	✓	
SAFETY	1. PPE to workers provided	✓	
	2. Safe Working platform for pouring	✓	
	3. Safety nets / life lines / staff closures	✓	
	4. Safe access Approach to location	✓	
	5. Aware of Emergency Exit Plan by all	✓	
	6. Electrical Safety is ensured	✓	
Clearance for Commencing P/M: _____ Contractor: _____ Closeout Date: _____			
Hour Start Date & Time: <u>28/08/17 9:00 AM</u>		No. of Cubes Taken: <u>6</u>	Cube of Numbers: _____
Hour End Date & Time: <u>28/08/17 11:00 AM</u>		Average Slump (MM): <u>105mm</u>	
Method of placing & Vibration: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> To be used		Arrangements for Casting / Finishing: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> To be used	
Stability of Formwork after Pour: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> To be used		Other's Details: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> To be used	
Cast, Level & Finishing: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> To be used		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> To be used	
Observations / Remarks: _____ <div style="text-align: right;"> Signed: _____ Date: <u>28/08/17</u> </div>			
Contractor: <u>[Signature]</u>		Project Engineer (CLIENT): _____ Project Manager (P/M): _____	
		Date: _____	

Checking Record by Architect & Structure Consultants

S.No	Date	Work description/Location	By Architect	By Structure	By Fire	Remarks
1	20/8/17	Layout of PCC	-	Level	Not	
2	21/8/17	Layout of columns	-	Level	Not	
3	5/9/17	Reinforcement of wall, raft checked and found ok for setting	[Signature]	Level	Not	Time 6:50 PM
4	5/9/17	Layout of columns and retaining wall and Sump location checked	[Signature]	Level	Not	Time 6:50 PM
	14/9/17	Reinforcement of raft foundation of level 20/21/22 checked and found ok for setting				
	14/9/17	Layout of columns, level 21/22 work and structure location checked as per drawings and found ok at site	[Signature]	Level	Not	
	24/9/17	R/F of R/C foundation of level 21-22/23 checked and found ok and columns placed as above level checked at site	[Signature]	Level	Not	Time 7:15 PM

S.No	Date	Work description/Location	By Architect	By Structure	By Fire	By Services	Remarks
5	24/9/17	Inspection of level 21/22 structural R/C slab checked. (Concrete work) slab not completed	[Signature]		Not	Level	
6	24/9/17	R/F of slab and beams of level 21/22 checked. Slab at level 21/22/23 checked. Following items inspected: 1. Reinforcement work - not done - provide bar/clip 2. Formwork - provide bar/clip 3. Higher planning of construction from level 21 onwards 4. Second layer of slab placement not done - use space bars with reinforcement			Not	Level	Time 7:15 PM

MAJOR PENDING DECISIONS & REQUIREMENTS AT SITE

Some other decisions pending at site are as follows:-

- (i) Water proofing work contractor finalization
- (ii) Skilled store keeper required at site.
- (iii) Electricity Load to be increased OR new connection required for automatic concrete batching plant at site about 35KVA

Signature

Mr. Sanjay Saxena
(Project Head)

Mobile: 91-8696599365

Signature

Mr. Kulvinder Singh
(PMC Head)

Mobile: 91-9314480610