

## Quality Control

### RCC:

Proper care should be taken in marking. A check should be made from only one fixed reference point at the time of footings and after columns for each floor are cast. Problems if any should be reported at the stage of column checking. Don't magnify problems by not reporting them. **Any error more than 0.5 inches should be reported immediately.**

### Brick work:

Correct checking as per drawing. Put one or two cc beds depending on drawing. Windows and sill level should be correctly checked before handing over for plastering.

### Plastering :

Plastering quality in each flat and corridors. Please take of the following

1. Finish behind doors
2. Filling holes made by scaffolding (Ballis). A good mason should finish these with care.
3. Proper lighting at the time of plastering should be provided.
4. Door frames should be put straight.
5. Make 2-3 templates for each window size. These should fix correctly at the time of plastering. **No future corrections/ chipping should be necessary.** At no rate should cement fall on Aluminum windows as it reacts with anodizing of windows. Discuss order and make sample template for 1 flat before taking approval to make other templates.
6. Skirting finishing should be straight and done by a good mason.
7. External plastering – use recron
8. 4<sup>th</sup> and 5<sup>th</sup> floor plastering use recron. Use mesh in 5<sup>th</sup> floor between beams and brick wall.
9. Plastering in bathrooms above tile work should be good.

### Plumbing and bathrooms:

1. The Indian WC should be straight and not sloping.
2. Water testing should be done before filing the GI pipes conduits.
3. The level of the GI pipes should be such that the final fittings are in line both Geezers/ CP fittings etc.
4. The nanitrap should be properly fixed at correct height.
5. Tiling should be done after plastering the walls. All tiles (lines) should be matching. Good quality tiling is a must.
6. Floor tiles should be in a line. The raised portion of the Indian WC should be a straight line. Slopes should be correct.
7. The cover for the nanitrap should be correctly broken keeping a correct circle. A pipe can be put in the nanitrap by plumber to avoid larger holes.
8. Finishing of plastering in bathrooms should be good.
9. Don't put any polishing waste / cement in the w/c's and drainage lines. These will choke the same.
10. Plaster balconies 2 coats before plumbing lines are put.

### Mosaic/ Ceramic flooring.

1. The lines and levels of each flat should match.
2. Skirting etc should be well finished.
3. The finishing below kitchen platform and near basin outlets should be well polished.

### Kitchen

1. Don't remove the plastic cover on the stainless steel sink. This can be removed by the customer or before handling. No cement should fall on the sinks. No acid should be used on the sinks and granite.

2. Use same colour granite tiles on the platform. All different colours can be collected sorted out and then used in any one or two kitchens.
3. Dado tiles in the kitchen should start from the lowest point (near sink) and the rest cut towards the other side. There should be no gap between tiles and granite that needs to be fit with white cement.
4. Mosaic under platform should be well polished.
5. CP fitting should be in level.
6. Exhaust hole should be round. Many templates should be made to get a perfect round at the time of plastering. No corrections later on.

#### **RCC shelves**

1. The shelves should be put using a water level and be straight.
2. Quality of shelves and lofts should be good. Plastering around the shelves should be done carefully.
3. There should be no sag in the loft.

#### **Doors and door frames**

1. Check if door frames are plumb or defective (bent and check air-drop holes etc) at the time of receiving the same and also before they are fixed. Defective or damaged frames should be returned.
2. Check door quality. Return defective doors.
3. Fix doors correctly to avoid gaps.
4. Bathroom door frames till 2 feet should be coated with rust resistant chemicals. Other door frames till 6 inches from floor.

#### **Grills and water patti**

1. To make grills correctly to size. Discuss order and make sample grill for 1 flat before taking approval to make all grills.