



सत्यमेव जयते

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INSPECTION NOTE

The sites of the polyclinics at Rohini, Sector-4 and Rohini, Sector-21 were inspected on 20/06/2019. The works are progressing slowly and the following has been observed:

Polyclinic at Sector-4, Rohini, New Delhi

- 1) The fixing arrangement of truss member under the column on ridge end needs improvements.
- 2) The frame work of light gauge framed super structure was in progress. It shall be ensured that the fixing of wall panel frame with bottom RCC member is done properly. The onsite spacing of anchor bolt was much less than the item specifications requirement of 500 mm centre to centre.
- 3) The fixing arrangement of frame with the truss shall be with twist straps as per agreement item specifications.
- 4) Though the work is in progress, it shall be ensured that the requirement of tension ties, diagonal bracing, L shaped angles etc. are used for structural stability.

Polyclinic at Sector-21, Rohini, New Delhi

- 1) The sample of ACP sheeting on a polyclinic has been done. The procedure adopted for fixing of ACP to the frame work is not correct as the pan (tray system) has not been adopted. The ACP has been fixed with screws that are visible in the elevation. The work is looking shabby and below par.
- 2) The design / pattern of ACP approved by the consultant is having geometrical pattern in one direction, whereas the ACP has been fixed without any consideration of uni-direction design. The entire look and feel of the ACP sheeting is not pleasing.
- 3) It appears that the work has been executed without the due care / supervision of site staff.

- 4) The truss work done for the new structure needs improvement. The end support on one side of the truss where gutter has been created is intentionally separated for creating vertical set back for gutter but the jointing between the two needs to be improved with plates and extra welding to improve the butt joint weld. The structural consultant shall be asked to give his opinion about the joining details as the details were not available at site.
- 5) The fixing of truss over the steel column is not proper as the plates are horizontal while the truss member is inclined. It has been shown in the drawing that the base plates are parallel to the alignment of truss.
- 6) The base plate shall invariably have oval holes in the end plate on one side.
- 7) The primer shall be done before fixing of truss and purlins.
- 8) The truss has not been supported on the wall on grid "2/D" as given in drawing RS 21-ST-103.
- 9) Similarly, the truss needs to be supported properly on grid "E" at bottom of gutter in wall as shown in drawing RS 21-ST-104.
- 10) The work is held up as the material for site walls and roofing is not available at site.

The necessary action for corrections / remedial measures shall be taken.

(आर० के० मल्हौत्रा)

अधीक्षण अभियंता (सि०), स्वास्थ्य परि०-॥

प्रतिलिपि:

1. प्रधान मुख्य अभियंता (परि०), स्वास्थ्य, लो०नि०वि०, 2रा तल, बहुमंजिला भवन, नई दिल्ली को सूचनार्थ हेतू प्रेषित।
2. कार्यपालक अभियंता, स्वा० अनु० मंडल-उत्तर, लो०नि०वि०, नई दिल्ली।
3. कार्यपालक अभियंता, स्वा० परि० मंडल-पूर्व, लो०नि०वि०, नई दिल्ली को उपरोक्त सभी बिंदुओं पर ध्यान रखने हेतू।



अधीक्षण अभियंता (सि०), स्वास्थ्य परि०-॥