

SQ Celsius Ltd. (Unit-2)

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(24.285414 N, 90.394422 E)

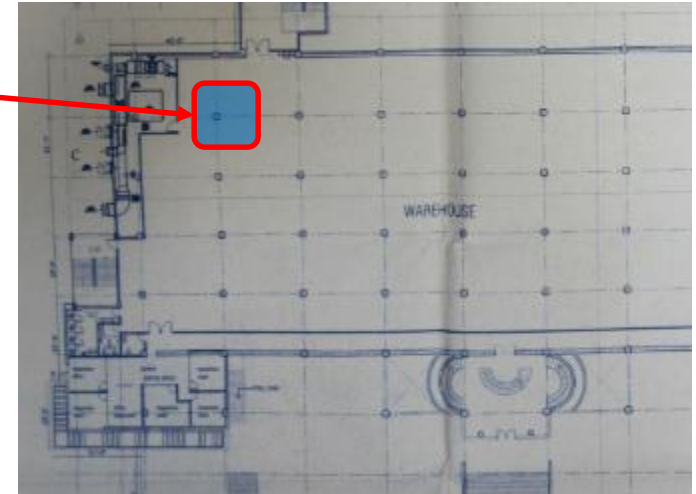
21st March 2015



Observations

Building 1

Water penetration in one location



Ground floor slab soffit.

Un-explained water damage to concrete floor to be investigated and water penetration stopped.

Building 2

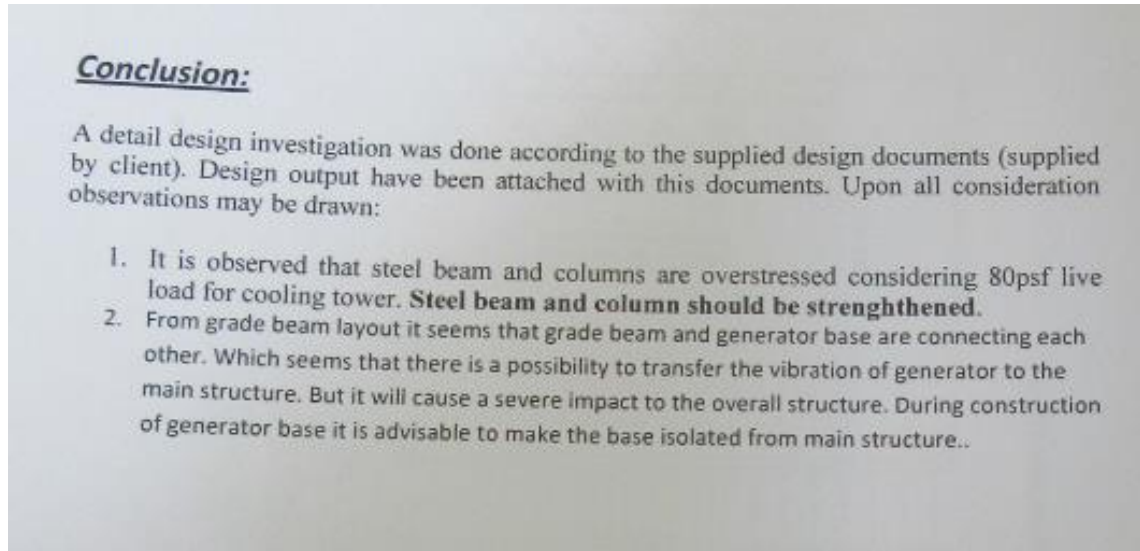
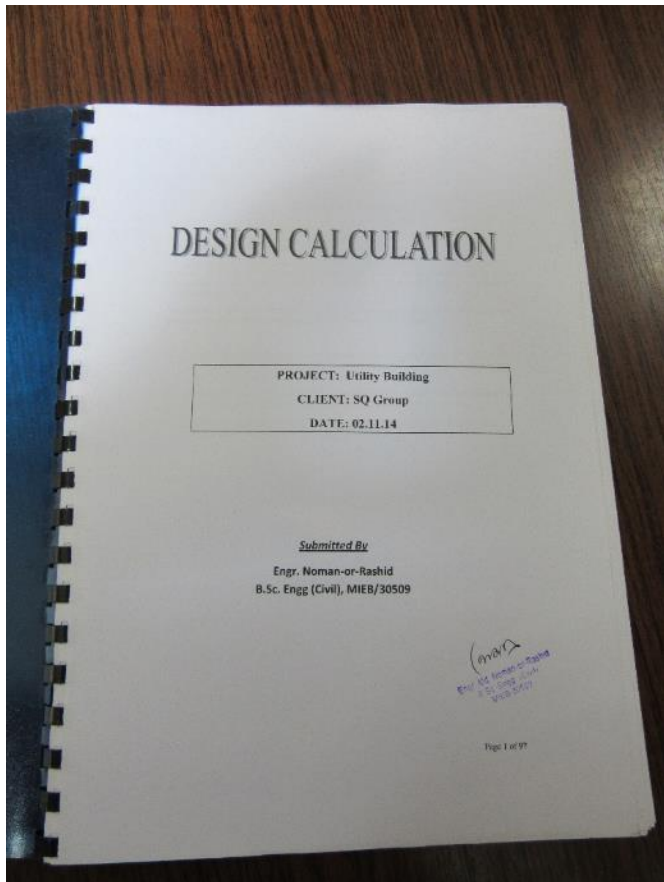
No observations

Link Building

No observations

Utility Building

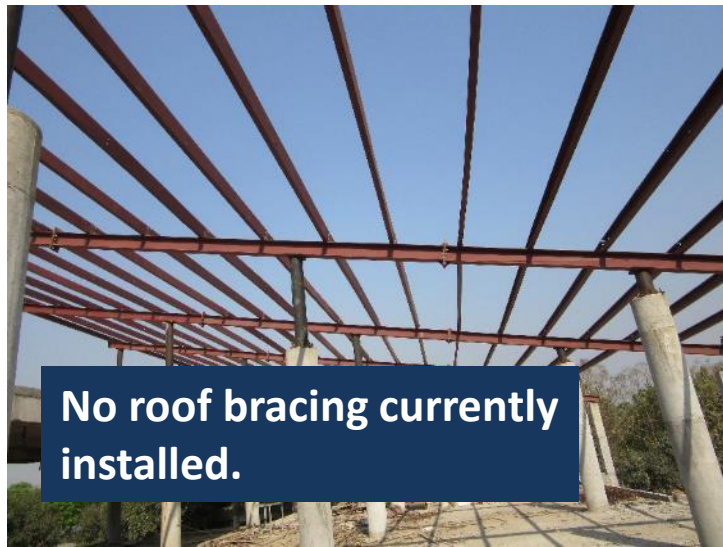
Structural analysis (retrospective) indicates overstressed steelwork



Structural analysis report concluding that the steelwork portion of the Utility Building is overstressed at design loads.

Dining Building (under construction)

**Construction workmanship is variable with
steelwork misalignment and variable
concrete work**



Column base plate hold down bolts misaligned.

Construction workmanship is variable with steelwork misalignment and variable concrete work

Observations

Priority Actions

Problems Observed

Building 1

ITEM 1: Water penetration evident in one location

Building 2

No specific observations

Link Building

No specific observations

Utilities Building

ITEM 1: Analysis report (retrospective) indicates that steelwork is understrength and requires strengthening

Dining Building (not complete)

ITEM 1: Construction workmanship is variable with steelwork misalignment and variable concrete work

Building 1

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Water penetration evident in one location	Investigation of water penetration cause to be undertaken and remedial work undertaken	6-months

Utility Building

Item No.	Observation	Recommended Action Plan	Recommended Timeline
2	Analysis report (retrospective) indicates that steelwork is understrength and requires strengthening	Recommended strengthening is to be designed and implemented	6-weeks

Dining Building

Item No.	Observation	Recommended Action Plan	Recommended Timeline
3	Construction workmanship is variable with steelwork misalignment and variable concrete work	Remedial works required to rectify mis-alignment of steelwork and repairs to variable concrete work	6-months