

CONSULTING STRUCTURAL & CIVIL ENGINEERS

PROJECT: ST AUGUSTINE'S COLLEGE BROOKVALE

DATE: 24/10/2019

DESCRIPTION: PV PANEL INSTALLATION – GYMNASIUM BUILDING



Note:

1. Beam as mark in Red to be verified and checked for structural adequacy
2. Cantilever truss as mark in red to be verified and checked for the structural adequacy.
3. 72 cell PV panels are to be installed facing E-W.
4. The verification is based on the following Design Criteria.
 - Design Life 25 years
 - Importance Level Type 2: Ordinary
 - Annual Probability of exceedance 1/200

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