

SAMWOH

Partially funded by the MND Research Fund, the objective of this project is to conduct a full scale study on the use of Recycled Concrete Aggregates (RCA) in structural concrete for building structures. It involves determining the optimal design



of concrete mix with RCA for constructing an actual three-storey building. Extensive instrumentation is carried out on the building to monitor the structural performance of the RCA material. The building is the first in Singapore and one of the few in the world to be constructed using concrete with high dosage of RCA.