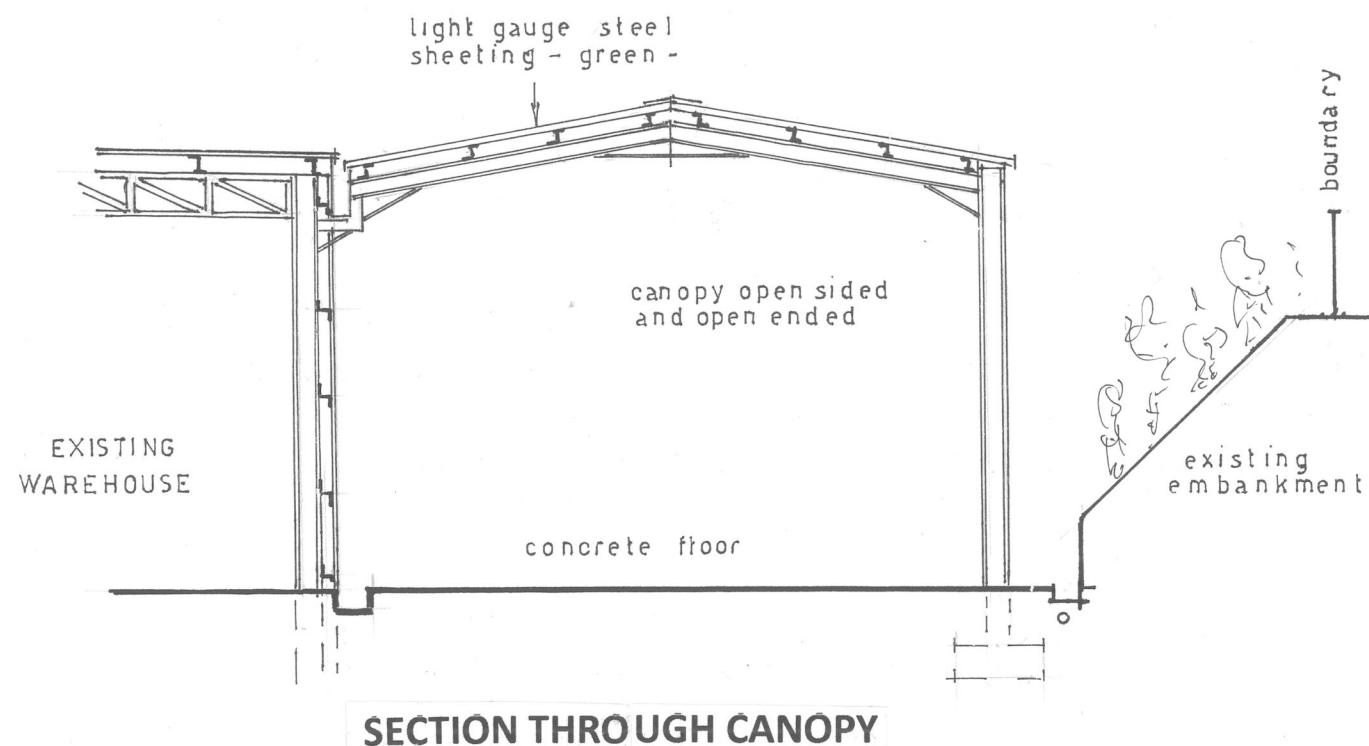
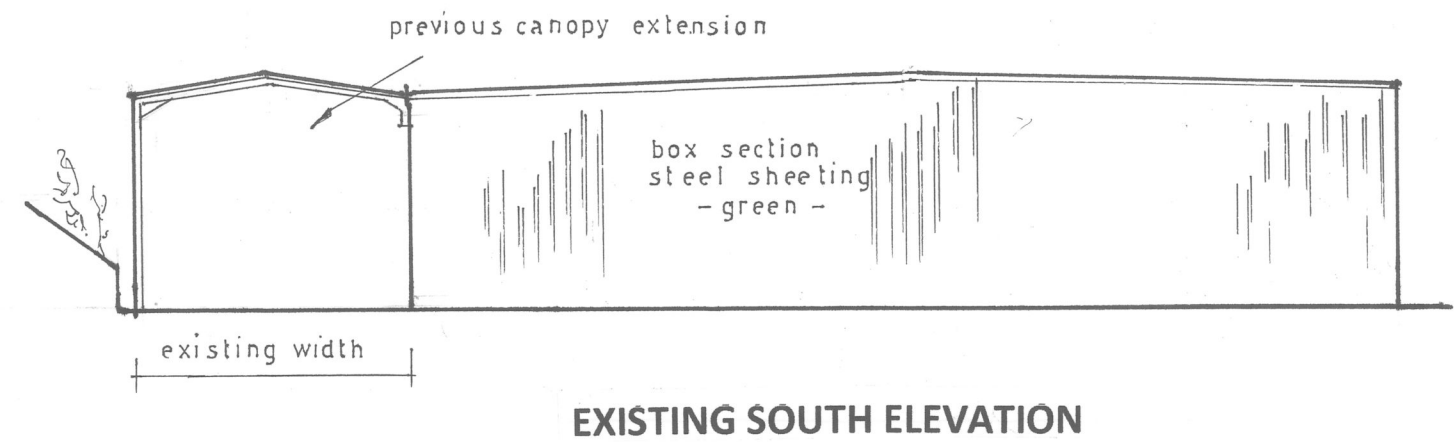
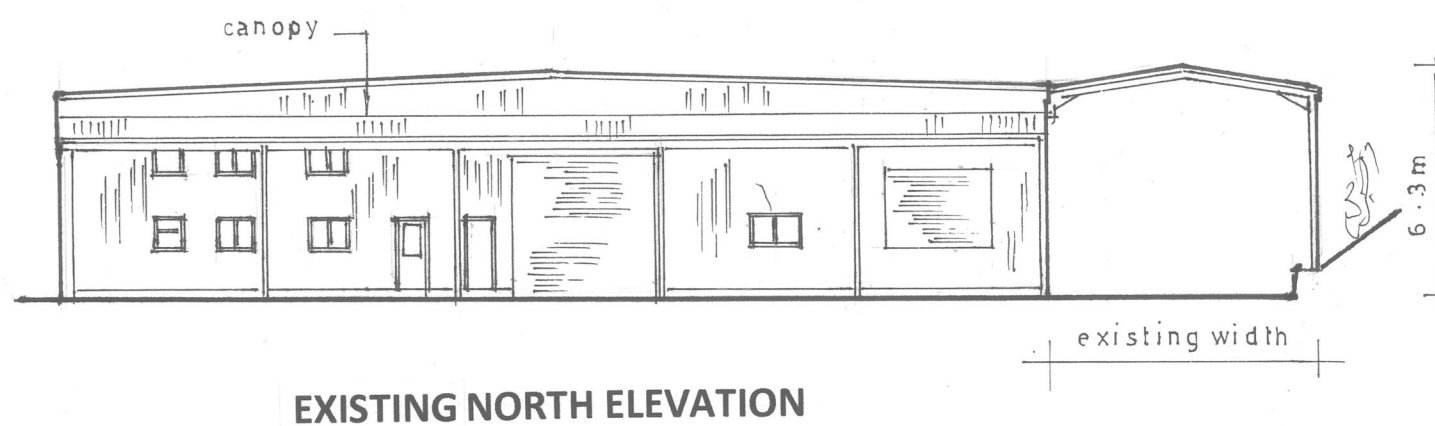
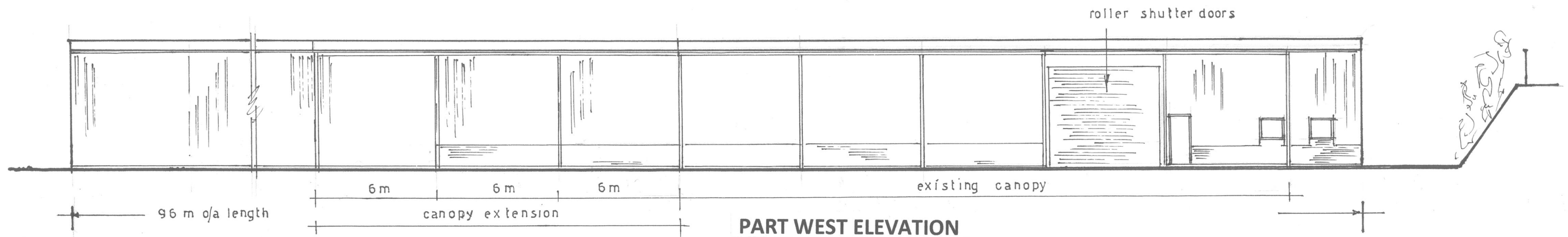




SPECIFICATION OF WORKS TO EXTEND THE EXISTING SIDE CANOPY

The proposed structure will extend the existing 5 bay canopy a further matching 3 bays. The structure is formed using a single leg portal frame attached on one side to the existing warehouse main stanchions. All to a specialist design engineer in accordance with the submitted design calculations and details. The main stanchions are 305 x127 x 37kg/m UB's, with portal rafter sections 202 x 102 x 25.33kg/m UB's. Outer portal rafters bolted to the new external stanchions. The inner portal rafters are connected to the main stanchions. 200 mm eaves beams are set between stanchions and include for 80mm dia wind bracing as shown. Base plates to stanchions 450 x 450 x 23mm thickness with 6mm fillet welding to stanchions, secured with 4 no M25 x 300 I HD bolts. Mass poured 1.2m x 0.8m x 0.6m concrete bases, strength grade C30, with B385 mesh reinforcement to upper and lower level. Roof covering trapezoidal profile 0.7g lightweight steel sheeting, green in colour to match the existing coverings. Include for Zed purlins with sleeved joints as necessary, fully fixed in accordance with manufacturer's recommendations. Diagonal ties anchored to column flanges and portal rafters. Deep flow black uPVC gutter on proprietary brackets with 110mm dia rain water down pipes connected to extended 110mm underground drainage laid to 1 : 100 fall set onto concrete bed and surround. This pipework to extend into the main drainage channels which is then held in the storm water holding provision in the front parking area. Reinstate all finishes disturbed by the forgoing works.

**PROPOSED EXTENSION TO EXISTING LOADING AREA CANOPY AT SDG TRADING Ltd.
LIGHTWOOD GREEN INDUSTRIAL ESTATE, OVERTON. LL13 0HU**

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Elevations and Section.
Plan No: 10422/03MAC

Scales: 1:200 & 1:100
Original Drawing A3