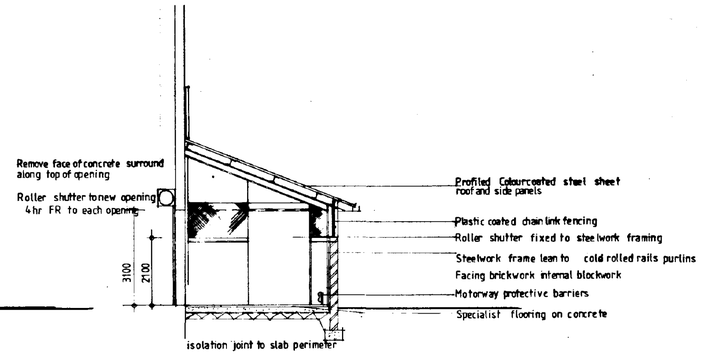
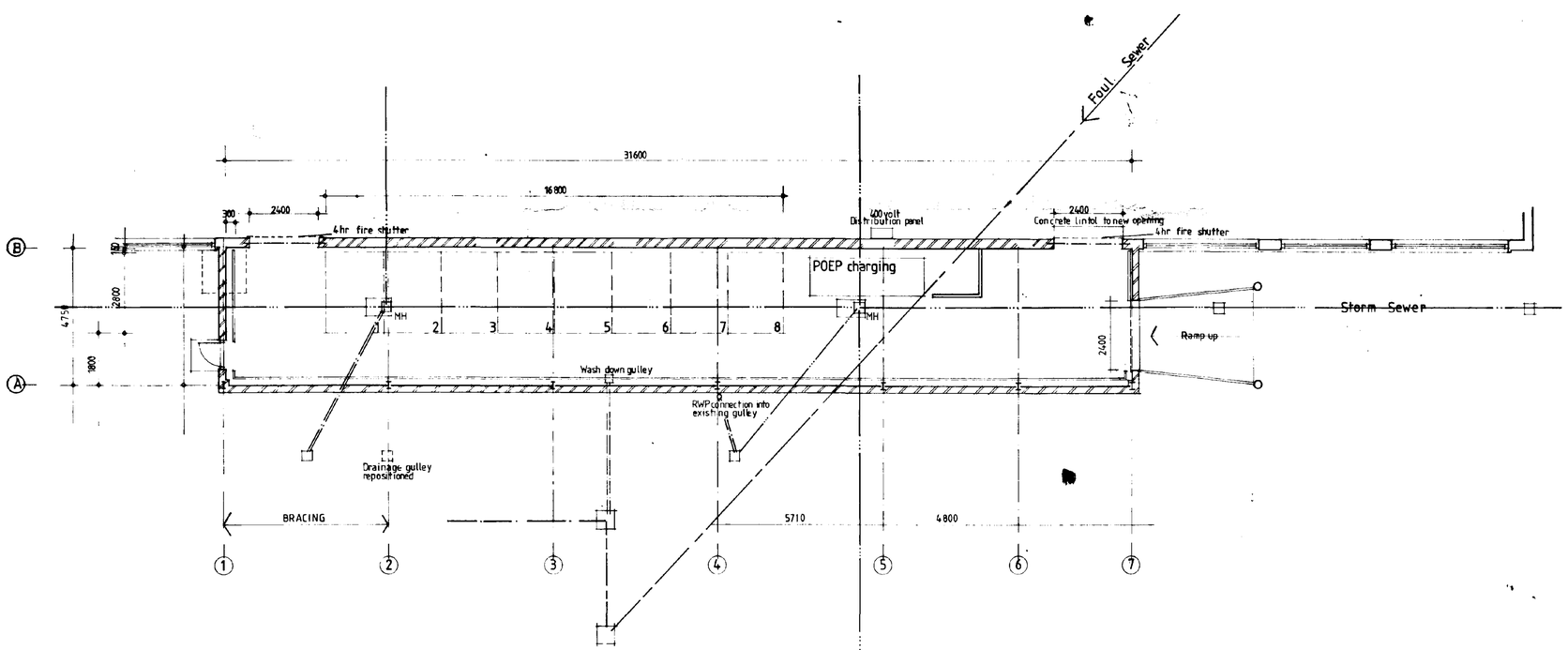


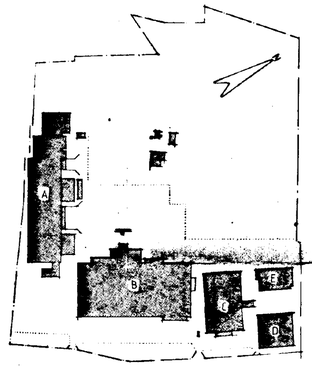
ELEVATION



SECTION



FLOOR PLAN



Site plan

Notes:-

Existing Building Existing windows to be removed and openings filled with Class 2 common brickwork tied at sides and head. Joints to be flush pointed. Brickwork reinforcement to be used at every 3rd course. Panels to be pointed. Form new opening through wall for access into main building. Concrete lintol over opening and to be of sufficient size to allow fixings to roller shutter. Remove face of concrete surround to be flush with brickwork along top of windows to allow fixing of restraining steelwork. Services along wall to be removed to allow opening to be formed.

New Construction

Foundations To be pad and strip footings to Structural Engineer's design. Allow for construction around existing drainage. Bottom of excavation to be minimum 1 m.

Floor Slab 200 mm compacted type 1 hardcore with 25 mm blinding 1200 g visqueene and 200 mm C35 power floated concrete slab with reinforcement to Structural Engineer's design. Transverse and isolation joints to be where shown. 20 mm acid resisting asphalt laid on isolating membrane onto floor slab with 150 mm coving turned into joint of blockwork to perimeter. Asphalt to be coated with a non-slip epoxy paint with contrasting bay markings.

Steel frame To Structural Engineer's design to be of hot rolled sections constructed as a lean-to. Steelwork can be fixed to existing brickwork and/or steelwork for lateral restraint (supporting calculations to be provided). Columns to be bolted to concrete pad foundations. Steelwork centres given are arbitrary and can be changed to suit design calculations. Cold rolled purlins to suit BSC plastisol coated cladding sheets. Rails to be used for brickwork restraint and for fixing of plastic coated chain link fencing top and bottom.

Walls Facing brickwork to be a buff rustic natural mortar bucket handle with 75 mm cavity, 65 mm dritherm and inner leaf of 100 mm thermalite shield blockwork. Inner face to be fair faced bucket handle jointed and painted. Creasing tile and blue brick capping.
Fix blcw coated chain link fencing over bird mesh to rails top and bottom to extent shown.
Clad end walls above mean height in profiled steel sheeting to match roof.

Roofing BSC plastic coated steel sheets of standard colour and liner tray with 75 mm mineral fibre insulation. Gutter to be preformed pressed steel of contrasting colour. Trims, dripa and flashings to be of matching colour to gutter. Plastic square section down pipe to be painted as guttering.

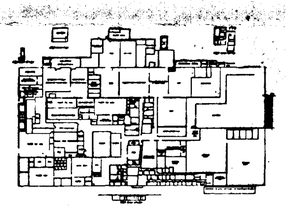
Drainage Re-position storm water gully and reconnect as shown. Provide new washdown aealed gully and connect to foul manhole. Connect RWP to existing yard gully. Drainage to be 100 mm Hepsleve or similar approved laid to minimum 1:40 fall to existing or new connections. Washdown gully to be not affected by acids.
Remove 2 no existing gullys and form manholes for access to drainage system. Construct 2 no heavy duty manhole stainless steel covers and frames, non-locking type for concrete and floor finish infil.

Services Provide fireproof light fittings to area to give a minimum of 400 lux. Provide 2 no 2 gang 13 amp sockets for general power. Provide isolators, cut-offs and sockets, re-using existing where possible, for all bays. Installations to be to current regulations.

Protection Provide motorway barriers to all exposed walls with bollards and goal post protection to openings.
Construct access ramp of similar construction to floor slab but with a brush finish and trowelled edges. Construct safe area outside fire exit doorway.

Doors Provide 1 no external quality pedestrian door and frame with hinges and panic bar. Door to be painted gloss finish.
Provide 2 no chain operated roller shutters to openings indicated. Shutter to be colour coated and as supplied by Syston Rolling Shutters or similar approved.

Note:
Based on Fork-lift truck dimensions of 2700 x 950 overall



Building B

Rec'd D.C.
1 7.
06 MAR 1995
FFF 0249/95

A Fire shutters indicated 21. 2. 95.

Stewart Martin & Associates
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Client
Geest Properties Ltd

Project
4hr fire wall construction

Title
Battery charging area

Scale	Project no.	Date
Var	203/225	20 2 95
Stage	Drg. no. 04	Rev'n A