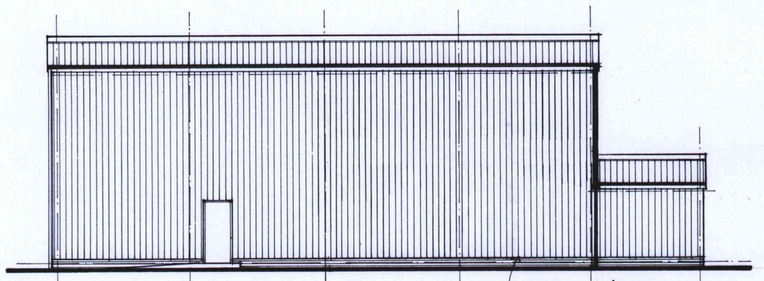
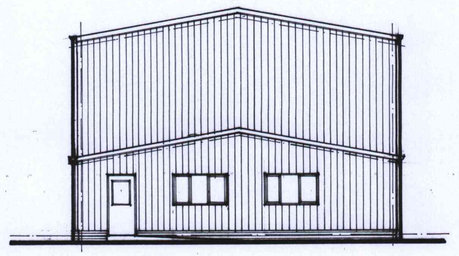


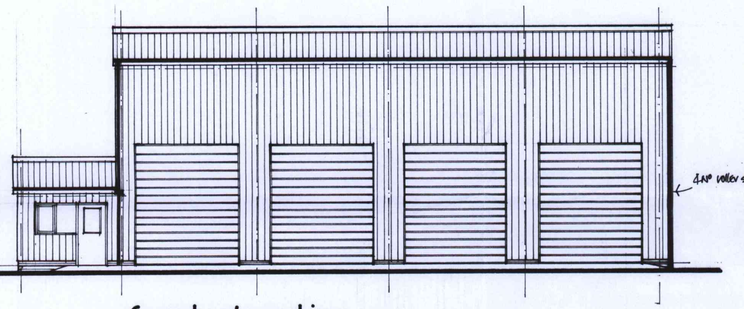
rear elevation

dark brown profiled metal cladding to match existing workshop buildings.



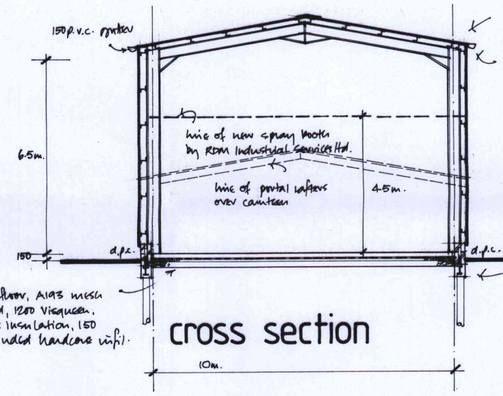
side elevation

side elevation



4.4m roller shutter doors.

front elevation



150 p.v.c. rwater

6.5m.

line of new spray booth by RDM Industrial Services Ltd.

line of portal rafters over canteen

4.5m.

150

d.p.c.

d.p.c.

d.p.c.

100 conc. floor, A193 mesh reinforced, 1200 Visqueen, 100 Celotex insulation, 150 sand blinded hardcore infil.

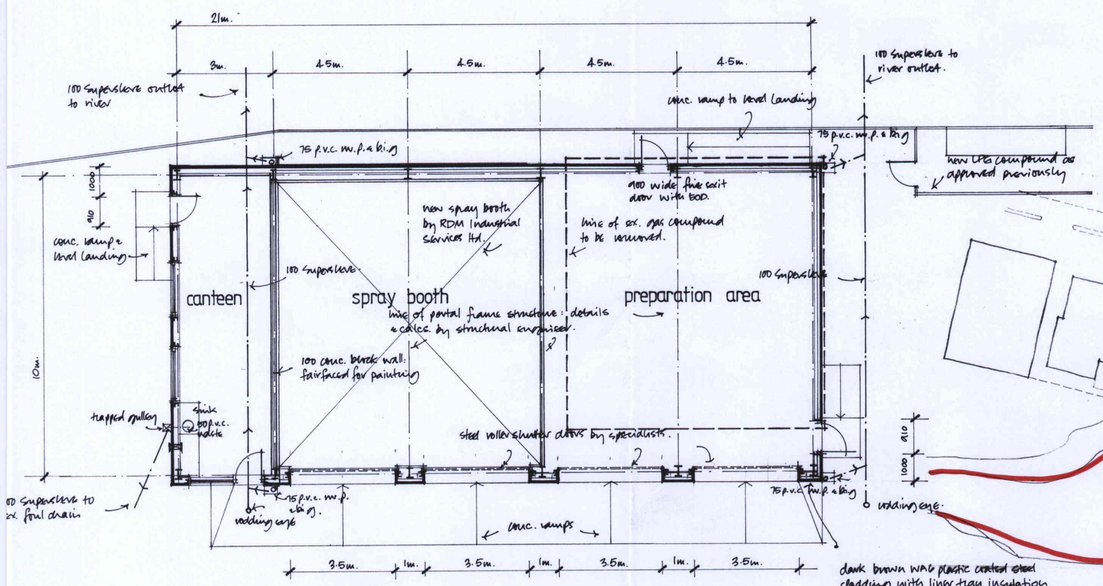
10m.

cross section

Dark brown WAG plastic coated metal profiled cladding to match existing, liner trays & insulation to give .16W/m²/°c U value, 10% roof lighting, Zeta purlins at 1200 centres on portal frame. steel calcs. & details by structural engineer.

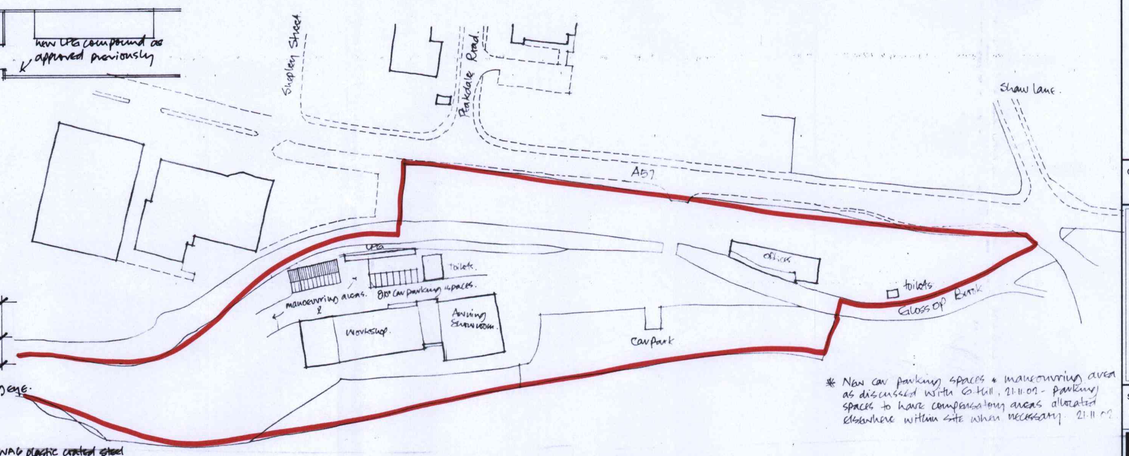
150 p.v.c. rwater.

250 cavity wall, filled to G.L. in lean conc. & weathered 150 below d.p.c. off r.c. ground beam & mini piles - details by MK Piling.



plan

dark brown WAG plastic coated steel cladding with liner tray insulation to give U value of .25 W/m²/°c, hanging rails on portal frame - see struct. eng. details & calcs.



location plan

* New car parking spaces & manoeuvring areas as discussed with Cllr Hall 21.11.05 - parking spaces to have compensatory areas allocated elsewhere within site where necessary 21.11.05

NOTES

HPK/ 2006 /0374

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[redacted] all dimensions to be checked before work commences and any discrepancy reported to A. C. Marland.

Any foundations within 1m of drainage to be taken down to invert level.

All foundations to have 900mm minimum cover, or as agreed with Building Inspector.

Build 150 x 100 r.c. lintels into foundation brickwork where drains pass.

Case all live drainage below new structure in 150 concrete, 1:3:6. mix, if requested by Building Inspector.

Any corbelling to be achieved by using split headers.

New cavity walls to be sealed at roof level with non combustible material.

D.p.m. to be lapped over d.p.c.

All internal steelwork and lintels to have min. 150mm end bearing and to be min. 1/2 hr fire protected with 12.7mm plaster on metal lathing.

New manholes to comply with B.S. 8301.

Plumbing to comply with B.S. 5572.

No waste connections to s. & v.p. from showers, w.h.b., sinks, baths, bidets etc., within 200mm of w.c. connection.

Internal s. & v.p. to be cased in 6mm ply on 35x35 framing, cup and screw fixing, and to be fully accessible.

Waste pipes from sinks, w.h.b., baths, showers, bidet etc., to be fitted with 75mm anti-vac traps and to discharge below gulley gratings where applicable.

New windows to have opening lights equal to 5% of floor area of rooms they ventilate.

Cills to windows at 1st floor and above to be min. 910mm above floor level.

Roof and floor timbers to be tanalised and stress graded.

Build in double joists below studded walls running parallel to span of joists.

New roof joists, trussed rafters or wall plates to be secured to brickwork at 2m centres with 450x30x6 galvanised mild steel anchors.

New trussed rafters to be braced diagonally against wind loading and to comply with B.S. 5268 part 3.

Allow min. 25 air space behind fascias boards or fit approved soffitt ventilators.

Provide lateral restraint to bwk. at roof and floor level with 1200 x 30 x 6 galv. m.s. ties fixed to inner leaf and joists.

U values: walls .35w / m² / °C, roof: .25w / m² / °C.

New windows to be double glazed and fitted with 8,000mm² trickle vents.

Mechanical ventilation required as follows:
Bathrooms: 30 litres per second.
Shower room: 90 litres per second.
Kitchen: 60 litres per second or 30 litres per second if cooker hood is fitted.

Install patent approved ducts to maintain roof ventilation past 150mm insulation at eaves.

Solid floors to be insulated with 100mm flooring strength insulation foam over sand blinding.

Suspended timber floors at ground floor level to have minimum 150mm between bottom of joists and oversite concrete.

Air bricks ventilating areas below suspended floors and roof spaces to be sleeved through cavity brickwork and cavity tray provided over.

Provide suitable rodding access to s. & v.p. at base and any change direction.

Provide cavity trays in cavity bwk. over solid bwk. piers to avoid cavity bridging.

Where solid bwk. adjoins cavity bwk. provide extra vertical wall ties as instructed on site and vertical d.p.c.

Internal door openings to have 150 x 100 r.c. lintols or steel lintols of approved manufacture.

Where cross ventilation to mono pitch roofs is not possible, provide and fix ventilating roof tiles to upper section to achieve adequate ventilation.

All glass used for glazing to all doors, including glazed panels within 300mm of each side of door, and any glazing situated within 800mm of floor level to be laminated or toughened, to comply with BS 6206.

HIGH PEAK BOROUGH COUNCIL
GLOSSOP OFFICE
RECEIVED
10 MAY 2006
FILE REF
REPLY REQUIRED

client
GLOSSOP CARAVANS

project
Brookfield, Glossop.

Proposed new workshop and canteen.

scale	date	drawing number
1:100, 1:1250.	April 2006.	1994:2

revision

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