

**PROBABLE BUILDING SPACE REQUIREMENTS (AS PER BRIEF):**

ENTRANCE LOBBY: 4-8sqm.

RECEPTION SPACE: 25-50 sqm

RECEPTION AND PAY DESK: Within Reception or additional 4sqm

SHOP:

Shop floor: 40-60 sqm.

Sales desk: Within shop floor;

Shop store: 10-20sqm.

TOURIST INFORMATION: 6-12sqm.

PUBLIC TOILETS:

Male: 30 sqm

Female: 40 sqm

Additional Accessible and Baby Change: 10sqm

GALLERY: 25-50sq.m. Possibly overlapping with other spaces.

EDUCATION ROOM: 50-75sqm.

TEMPORARY EXHIBITION SPACE: 40 sqm

EXHIBITION AND INTERPRETATION: 100 sqm

EXHIBITION THEATRE/CINEMA: 80 sqm (probably circular and double height)

CAFETERIA: 150 sqm plus external seating area 25-50 sqm

SERVERY: Included within café area

KITCHEN: A fully equipped catering standard kitchen suitable for the preparation of all food available within the cafeteria. 30-40sq.m.

KITCHEN STORE: A fully equipped catering standard store for all kitchen goods, including built in refrigeration. There should be direct access for deliveries to either the Kitchen or Kitchen Store. 15-20sq.m.

CAFETERIA STORE: 6-10sq.m.

THE PRESTONPANS BATTLEFIELD CENTRE

DESIGN SPECIFICATIONS

JUNE 2009

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STAFF ROOM: 15-20sq.m.

STAFF TOILETS: 12 sqm

LIBRARY/RESEARCH ROOM: 12 sqm.

SERVICES: 12sqm.

TOTAL ESTIMATED NET FLOOR AREA (MAX) 850msq apx.

TOTAL ESTIMATED GROSS FLOOR AREA (MAX) 1000msq apx.

**BUILDING SPECIFICATIONS:**

SUBSTRUCTURE: TO BE DETERMINED BY SE

GROUND FLOOR STRUCTURE: TO BE DETERMINED BY SE

GROUND FLOOR: Insulated concrete with underfloor heating

FLOOR FINISHES: Natural stone paving to entrance, reception and shop, Lino' to other public spaces, vinyl to service areas, none to stores.

WALLS/PARTITIONS: Concrete block with hard plaster throughout except natural stone to entrance/reception.

STRUCTURE: TO BE DETERMINED BY SE. Allow for steel structure provisionally, roof following line of pyramid, part green roof part tripple glazed.

DOORS: Solid core timber flush hardwood;

FACINGS ETC: Minimum, plaster finishes throughout public spaces;

TOILETS: Good commercial quality fittings with built cubicles;

KITCHEN: Full catering standard, including equipment and floor/wall finishes;

EXHIBITION: Bare serviced area for fitting out by specialist, including cinema equipment (price to be provided).

FIXTURES AND FITTINGS: All principal fixtures and fittings required to allow for the operation of the building, including shop fittings, tills, cooking

appliances, seating, tables, signage, desks and sum allowances for IT hardware.

**SERVICES:**

HEATING: Underfloor heating using ground source heat exchange;

VENTILATION: Central air handling with heat recovery;

WATER: Public supply. HWS only.

ELECTRICS: Public supply. Commercial quality fittings. Concealed wiring.

LIGHTING: Mid range low energy light fittings throughout.

SOUND: Integrated speaker system.

FIRE ALARM: Full zoned fire detecton and remote alarm system.

FIRE SPRINKLER: Sprinkler system with minimum water storage;

**EXTERNAL WORKS**

DEMOLITIONS AND CLEARANCE: Provide for demolition of existing Council depot and construction of comparable building on alternative site (cost should be clear as ELC may pay for this work).

VIEWING GALLERY: External space additional to café external seating area. 30-40sqm.

VIEWPOINT: The top of the existing pyramid should, if possible, be made fully accessible to visitors, with much improved interpretation. The viewpoint should remain accessible at all times.

RAMPS: All ramps laid to fall of less than 1 in 20 and founded on cut material with permiable non-slip paved surface.

STEPS & PRINCIPAL ENTRANCE: Stone steps and paving to principal entrance route only.

BRIDGE: New hardwood pedestrian bridge with concret/stone abutments and piers spanning road and railway with stair/ramp access to battle site.

LINK TO BATTLESITE: New pedestrian walkway linking car park, centre and to new bridge. Built up using cut material with paved surface including sections of timber boardwalk.

STRATEGY FOR BATTLE SITE: Visitor interpretation including 10no. stone carved interpretation markers and 2no. printed interpretation boards. Pathway to be maintained/improved as part of ELC paths strategy.

CAR PARK: A paved car park arranged amongst the existing trees with SUDS standard paving. Use existing entrance to Council depot.

Cars/Motorbikes: 80-100 cars, 8 motorbikes

Coaches: 6no.

Bicycles: 12 no on ss stands

TOTAL CAR PARK AREA **4,000sqm** (paved area, including road access)

### **GENERAL SPECIFICATIONS:**

CAR PARK: Allow for clearing trees, remedial fencing to old shaft, soft landscaping including new tree planting and car park/road paved using concrete SUDS specific block paving with pcc kerbings and coloured parking markings.

LIGHTING: External lighting throughout landscaped area using low level fittings throughout, including walkways.

WALKWAYS: 2.2m wide. Permiabile paving as car park including timber boardwalk to waggonway link. Walkways built up using cut material.

SCULPTED LANDSCAPING: Faceted landscape with grass/meadow planting using cut material.

TREES: Mixed indigenous tree planting replacing trees removed by other landscaping.

WEST WALL: Stone faced wall with concrete retaining structure and cut material fill. Paved surface between low stone parapets;

BALUSTRADING: SS and hw timber balustrading to all high level walkways and ramps.

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