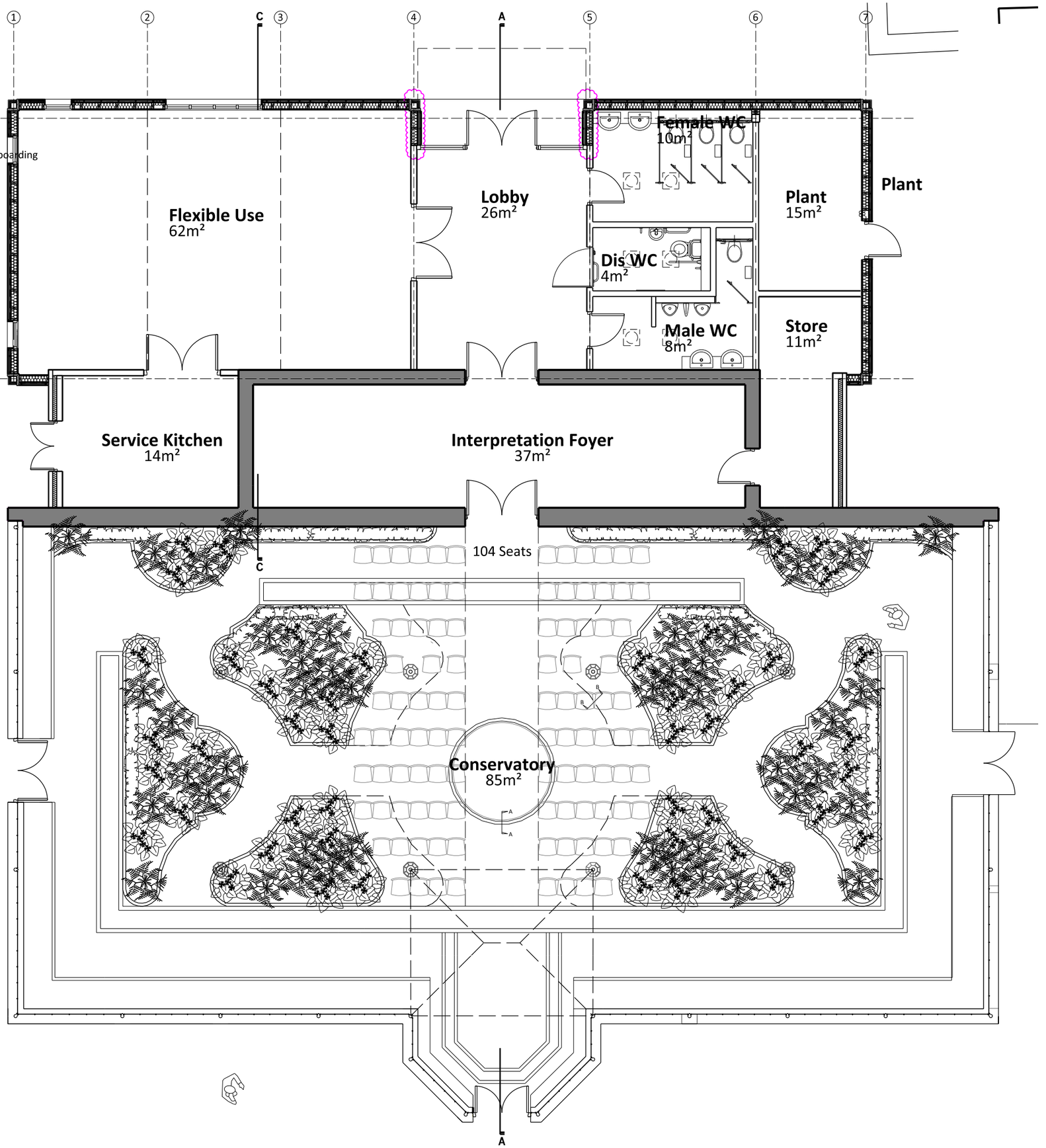


Do not scale from drawing
Dimensions are to be checked on site
If in doubt please ask

New Build Extension

Walls: Vertical/Horizontal Cedar timber boarding to an insulated timber frame (refer to drwgs 7090 (05) 001 to 005 for arrangement). Cavity wall plinth at low level formed from blockwork internally, and stone to match existing externally.
Walls of stores to the east and west of the potting shed to be blockwork cavity walls with rendered finish.

Main Roof: Mono pitch Sedum green roof on a 'Sarnafil' single ply membrane; rigid insulation board; and ply diaphragm deck. Edge detail to have a pebble margin and terne coated stainless steel facia to ply backboard. Gutter to be formed with 'Sarnafil' within the pebble margin and 150mm upstand to eaves. Rain Chains to form rainwater pipes at either side of entrance discharged from overflow spitters formed in terne coated stainless steel to each end. Store room roofs to be a flat 'Sarnafil' as noted above as main green roof with pebble over-coating throughout.
Central glazed element to be modern aluminium patent glazing with polyester powder coated finish to match colour of conservatory roof glazing. Glazing to be double-glazed safety glass.

Potting Shed Roof: Modern aluminium patent glazing with polyester powder coated finish to match colour of conservatory roof glazing. All glazing to be double glazed safety glass.

Doors & Windows: All entrance doors and windows to the whole of the new build to be composite aluminium windows with timber frames from the 'Velfac 200' range. All windows to be double glazed. Internal doors to potting shed and conservatory to be oversized softwood fully glazed doors with automated floor springs. Other external and internal doors to be traditional softwood ledge and braced doors and frames with vertical boarding and pained finish.

Floors: Entrance and activity room to have quarry tiled finish. These are to be grouted and sealed. A mat-well and barrier carpet are to be laid at the entrance. Stores and Kitchen are to be non-slip vinyl with coved skirtings. Washrooms to be quarry tiles. Plant room to have epoxy floor paint.

Wall Finishes: Entrance and activity room and stores to be plaster board and skim with painted finish throughout. Kitchen to be full height plasterboard lining. Washrooms to be tiled to 50% wall height throughout with plasterboard and skim above. Plant room to be painted fairfaced blockwork and ply sheething to timber frame. Interpretation foyer to be lined with plasterboard and skim with a painted finish.

Ceilings: All ceilings to be plasterboard and skim. Ceiling to entrance Foyer and Activity Room to be pitched to mirror roof soffit.

Washrooms: All sanitaryware to be form the 'Armitage Shanks' range. All cubicles to be 'Thrislington' mid range cubicles.

Restoration of Conservatory and Potting Shed - Scope of works

The Conservatory and potting shed are to be restored and the following methodology describes the scope of these works:
1. Remove all glass to allow the safe dismantling of the frame. Additional scaffold platform to the central bay will be required to facilitate this work.
2.Dismantle cast iron frame following detailed recording and the labelling of individual components. Remove glass roof to potting shed and all fixtures internally to potting shed. Remove all heating pipework throughout to facilitate the provision of new services to existing locations.
3.Refurbish; Repair; and Replace individual components of the iron frame as identified on the structural engineer's schedule , including element fabricated in differing materials to prolong life and reduce corrosion and maintenance of refurbished frame.
These elements are to include: decorative 'egg and dart' gutters replaced in cast aluminium, wrought iron tie rods to underside of valley gutters and trusses replaced in stainless steel, and wrought iron glazing bars to roof structure replaced in stainless steel.
4.All historic opening lights to be restored using traditional hand cranked winders and opening brackets.
5.Historic electrical services conduits (timber sections suspended from trusses and horizontally below ridge lines) to be restored and redecorated allowing for spliced and replacement timbers to approximately 50%. Historic service runs and pendant positions to be utilised for the provision of modern vapour resistant cabling and lighting.
6.Internal clay drainage runs from each column position to be rodded and surveyed using a CCTV camera. Any cracked and broken pipes to be sleeved to avoid excavation of internal drainage runs.
7.Position of existing water storage tank to be determined and considered for reuse. (additional rainwater storage to be located within the cut and fill below the south terrace to be formed as part of the proposed works).
8.Line replacement cast iron columns to reduce future corrosion when used as rainwater pipes.
9.Restore floor to conservatory: clean off existing floor tiles using low pressure hot water wash using 'Doff' cleaning technology the rebidding and replacement of floor tiles to match historic pattern as identified on the floor restoration drawing. Re-grout throughout.
10.Create additional floor to centre of the conservatory to proposed layout forming new kerb to re-aligned borders. New floor to be in encaustic square tiles of complementary, but contrasting colour to original design.
11.Potting shed floor to be lifted, and new diamond sawn yorkstone slabs laid.
12.Restore stone plinth, and north wall. Lightly brush off all friable stone and clean off all algal growth using low pressure hot water wash using 'Doff' cleaning technology. Rake out and re-point all ashlar stonework throughout both internally and externally using a lime mortar.
13.Re-erect restored conservatory frame, and redecorate in historic colour scheme using modern primers, undercoats and finish coats.
14.Re- glaze using modern safety glass, using modern gaskets, beddings and sealants.
15.Apply final coat of paint, once glazed to ensure all elements are fully decorated and all glazing sealants are over-painted.
16.Replace all cast iron floor grates to floor heating trenches. Form new stainless steel support brackets to sandstone edgings throughout.
17.Replace decorative cast iron upstands to perimeter benches as identified within the structural engineer's metalwork restoration schedule retaining all sound grates.
18.Repair timber doors and frames, including all necessary spliced repairs. Re-hang on new ironmongery and fit new locks throughout. Retain and refurbish thumb latches for re use.
19.Re-glaze refurbished iron canopy with hand blown glass and apply safety film to upper surface throughout. Redecorate to historic colour scheme.
20.Plant retained planning beds to proposed planting schedule as detailed by landscape architect following development of the interpretation scheme.

RevD Drawing Updated	HR	19.11.10
RevC Cost savings included	GP	15.11.10
RevB Stage D Issue	GP	12.11.10
RevA Plan updated	GP	08.09.10

Wentworth Castle
Conservatory

PROPOSED
Floor Plan

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Drwg. No: **7090 (04)010** Rev: **D**

Date : July 2010 Scale: 1:100 @A3 Checked by : _

STAGE D

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