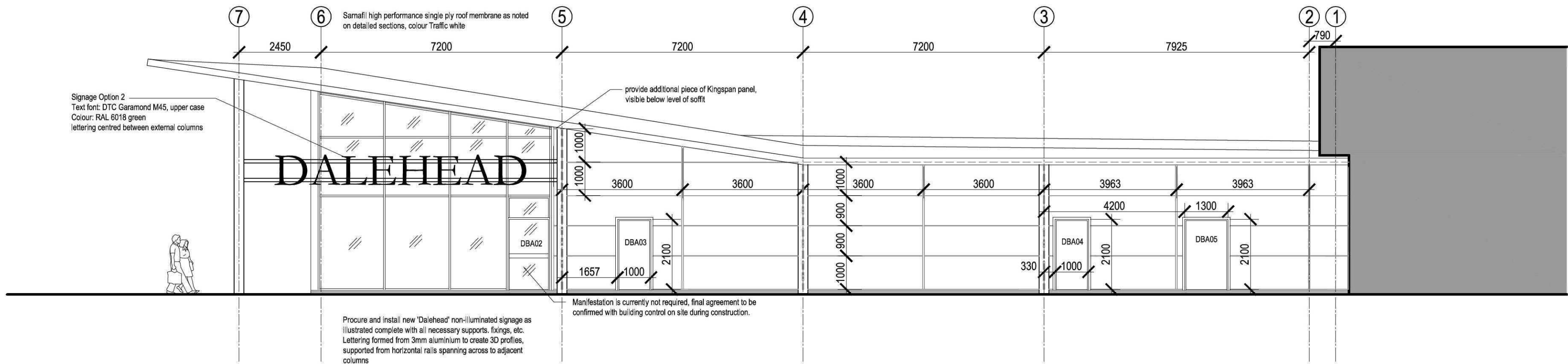
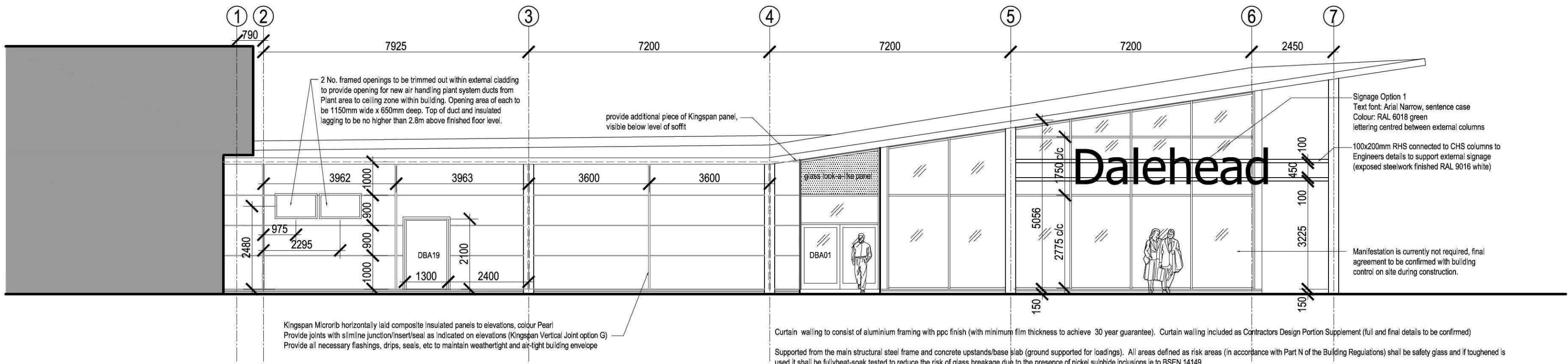


FRONT ELEVATION - SCALE 1:100



SIDE ELEVATION - SCALE 1:100



SIDE ELEVATION - SCALE 1:100

Curtain walling to consist of aluminium framing with ppc finish (with minimum film thickness to achieve 30 year guarantee). Curtain walling included as Contractors Design Portion Supplement (full and final details to be confirmed)

Supported from the main structural steel frame and concrete upstands/base slab (ground supported for loadings). All areas defined as risk areas (in accordance with Part N of the Building Regulations) shall be safety glass and if toughened is used it shall be fully heat-soak tested to reduce the risk of glass breakage due to the presence of nickel sulphide inclusions to BS EN 12152: A4. Peak test pressure: 600 Pa.

Glass specification to consist of:

- Inner pane: 6mm Pilkington Optifloat Clear toughened.
- Cavity/spacer: 16mm silver spacers and Argon filled cavity.
- Outer pane: 10mm Pilkington SunCool HP Brilliant 60/55 toughened.

Centre pane u-value 1.0 W/m² K. G-value solar transmittance 0.34.

Provide double glazed 'look-a-like' panels to match main glazing where indicated with insulated backing.

For deflection under dead load framing members parallel to the curtain walling plane must not:

- Reduce glass bite to less than 75% of design dimension.
- Reduce edge clearance to less than 3 mm between members and immediately adjacent glazing units, panel facing units or other fixed units.
- Reduce clearance to less than 2 mm between members and movable components such as doors and windows.

For deflection under wind load, framing members to comply with CWCT 'Standard for systemised building envelopes' clause 3.5.2 and be designed to limit deflection between points of attachment to less than spav300 to suit the mainwork design limitations. Curtain walling system to be designed to accommodate 13mm 'out-of-plane' sway and 6mm 'in-plane' sway in accordance with Structural Engineers requirements (exact details to be agreed)

Permissible air leakage rates of 1.0m³/m²/m must not be exceeded when the curtain walling is subjected to the peak test pressure. Permeability class to BS EN 12152: A4. Peak test pressure: 600 Pa.

pHp architects

USDA BUTCHERY AMENITY BLOCK
DALEHEAD LTD
DALEHEAD, SPALDING

GA ELEVATIONS

C3: Vent openings added to side elevation. Extent of plant screen increased.
C2: Cladding panel joints clarified. Signage updated. Screens added.
T2: Updated for Construction
T1: Issued for Tender

06.12.11 rev.
22.11.11 DB
03.11.11 DB
15.09.11 DB

Rev Date/Checked

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Issue Purpose: CONSTRUCTION

Drawn by: CW Checked by: OB
Scale @ A1: 1:100 Date: August 2011

CAD ref: USDA 07 Dwg no.: 3861/202 Rev: C3

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