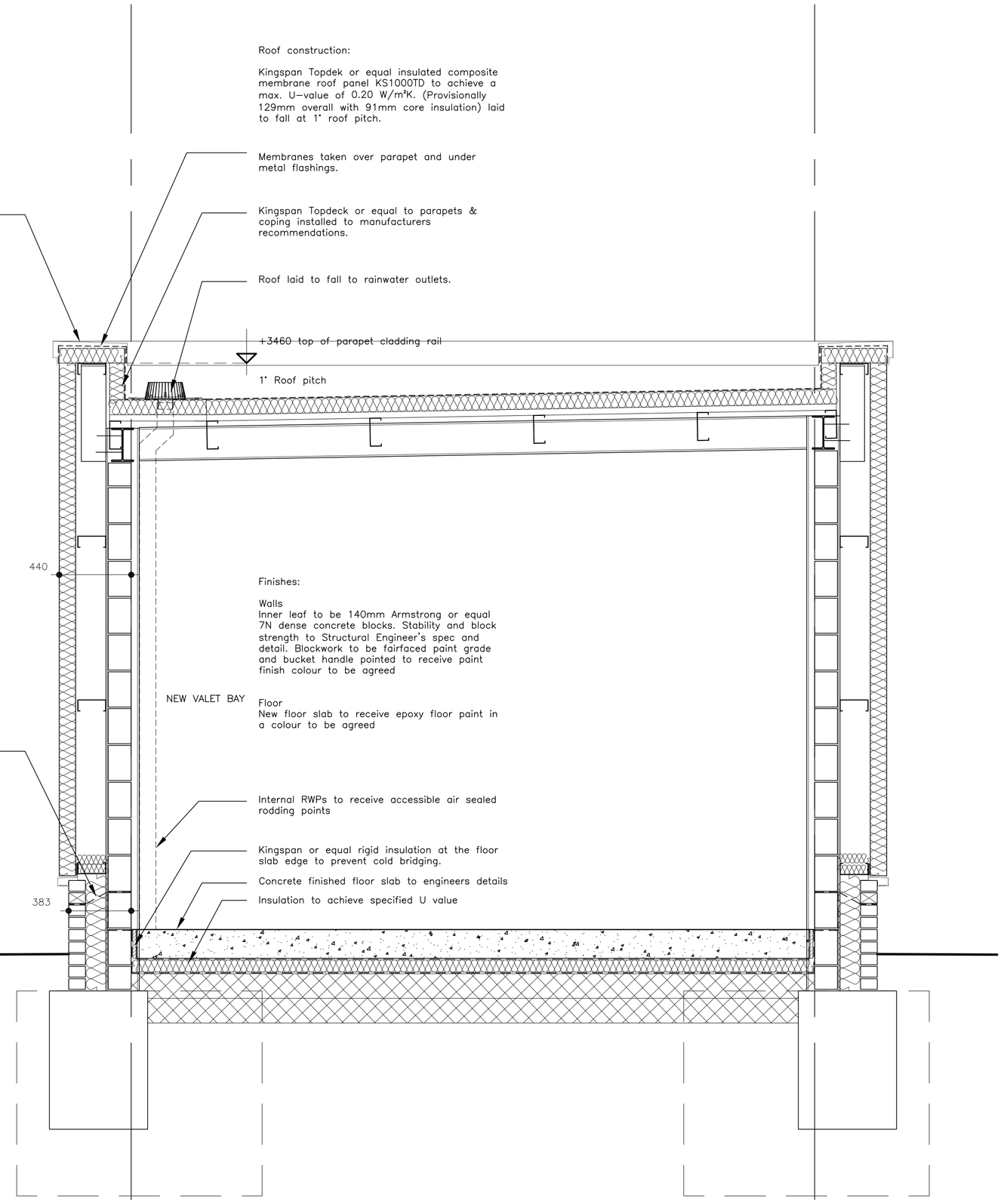
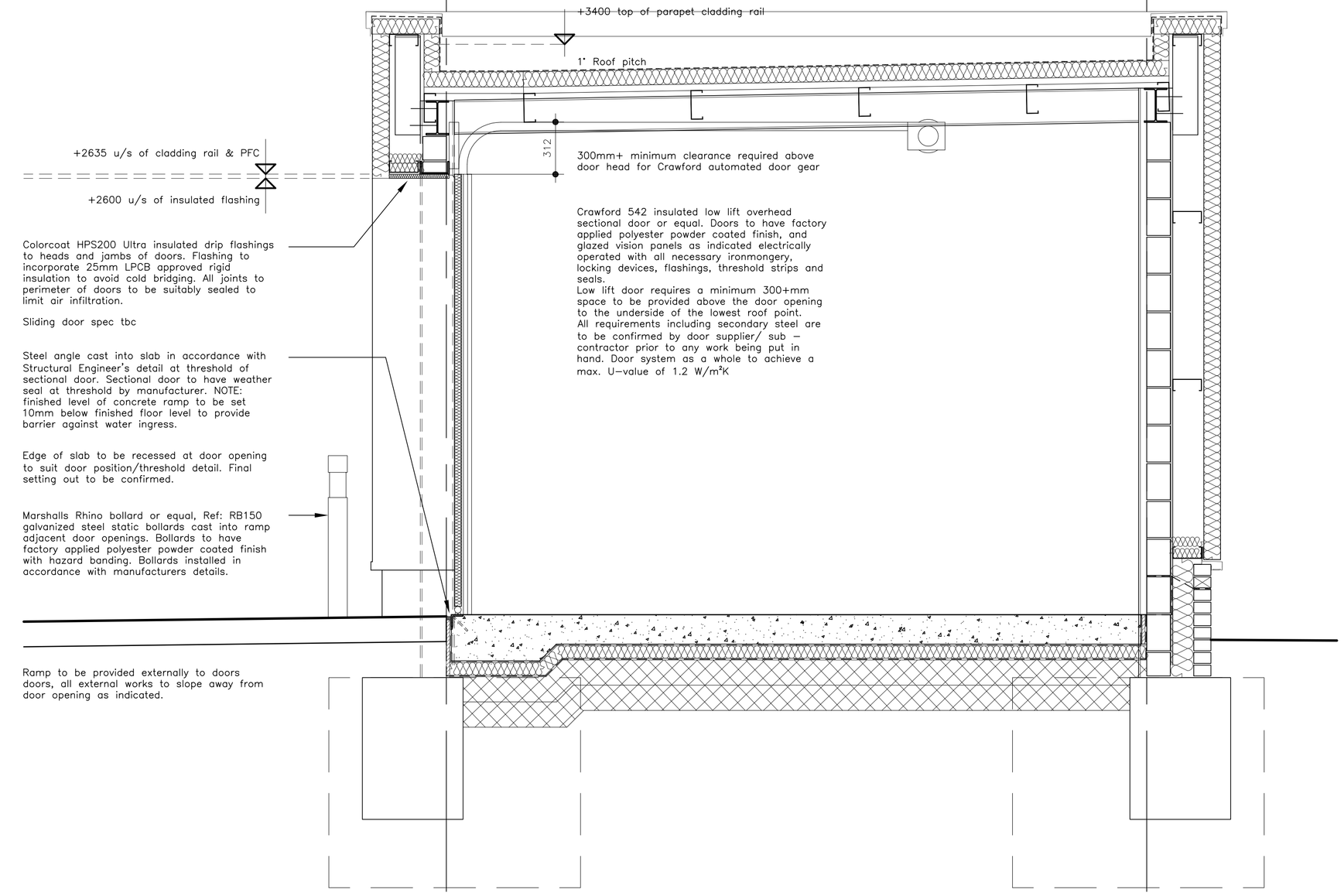


DETAIL SECTION 1-1



DETAIL SECTION 2-2

U VALUES OF BUILDING ELEMENTS:

It is the contractors responsibility to demonstrate compliance with Approved Documents L2A of the current Building Regulations through the provision of all appropriate SBEM calculations illustrating Target CO_2 Emission Rate (TER) and final Building CO_2 Emission Rate (BER). The Contractor must provide a TER calculation for approval by Building Control prior to any work starting on site.

For initial design purposes, it has been assumed that U values to building elements will be as noted below, however it will be at the discretion of the Contractor to confirm these values in order to demonstrate compliance with the required TER and BER calculations.

- Ground floor slab : (based on a P/A factors) 0.20 W/m²K
- External masonry walls : 0.28 W/m²K
- External wall cladding : 0.28 W/m²K
- External roof construction : 0.18 W/m²K
- Glazed doors & windows : 1.8 W/m²K
- External personnel doors : 1.8 W/m²K
- Vehicle access doors : 1.2 W/m²K

Airbarriers/seals to be installed at contractors discretion throughout building in order to minimise air infiltration through the building fabric in accordance with the requirements of Approved Document L2A of the current Building Regulations.

GENERAL NOTES :

This drawing is indicative only and details of structure and foundations should be read in conjunction with all relevant Architects and Structural Engineers drawings.

Steel tie types/positions and movement joint positions to be confirmed by Structural Engineer.

All steelwork within cavity to be painted with two coats of bitumen paint.

Insulated flashings to be provided at all head/cill and jamb positions.

All walls built tight to steelwork.

Setting out: steel columns centered on gridline intersections unless noted otherwise.

DPC in external leaf to be maintained at a minimum 150mm above external ground level. In areas of sloping ground or where the ground level rises adjacent entrance doors DPC to be stepped to maintain min 150mm clearance above ground level.

DPC's in external wall to be laid on full even bed of mortar with 100mm lap at joints and full lap at angles. Brickwork / blockwork above dpc to be laid immediately on even bed of mortar with finished joint thickness even and as close to normal as practicable.

preliminary issue

Do not scale. All setting out dimensions to be site confirmed prior to works commencing and any discrepancies confirmed to architect. This drawing is to be read in conjunction with all other architectural and structural engineers drawings.

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PROPOSED SITE EXPANSION
MOTOR DEALERSHIP, BARNSLEY
for BURROWS MOTOR COMPANY LIMITED

PROPOSED DETAIL SECTIONS 1:20@A1

Date:	Drawn:	Checked:	
07/12/15	RR		**8394s/13**