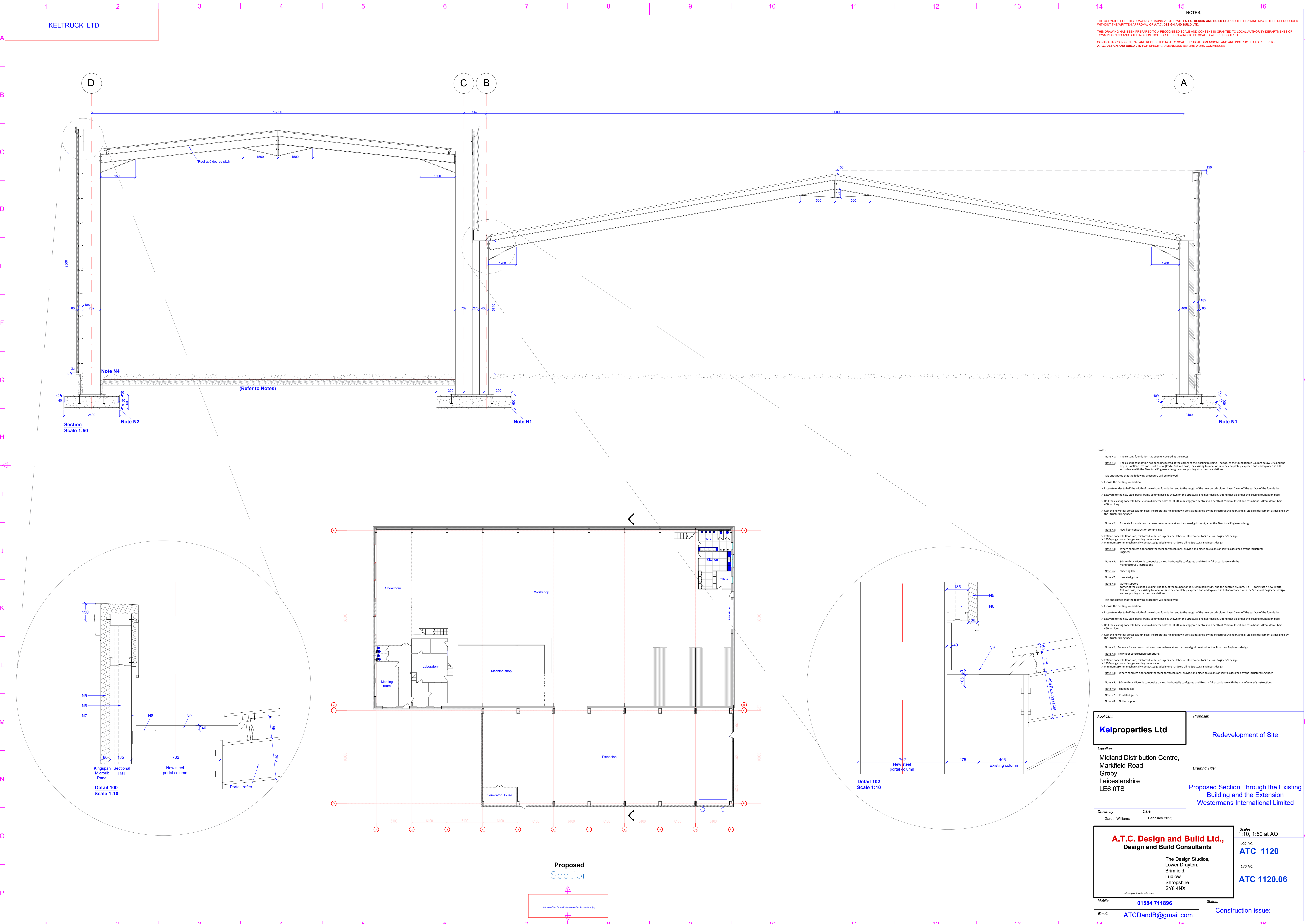




NOTES:

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Notes

Note N1: The existing foundation has been uncovered at the corner of the existing building. The top of the foundation is 200mm below DPC and the depth is 400mm. To construct a new Portal Column base, the existing foundation is to be completely exposed and underpinned in full accordance with the Structural Engineer's design and supporting structural calculations

It is anticipated that the following procedure will be followed:

- > Expose the existing foundation.
- > Excavate under to half the width of the existing foundation and to the length of the new portal column base. Clear off the surface of the foundation.
- > Excavate to the new steel portal frame column base as shown on the Structural Engineer design. Extend that dig under the existing foundation base
- > Drill the existing concrete base, 25mm diameter holes at: at 200mm staggered centres to a depth of 250mm. Insert and resin bond, 20mm dowel bars 400mm long.
- > Cast the new steel portal column base, incorporating holding down bolts as designed by the Structural Engineer, and all steel reinforcement as designed by the Structural Engineer

Note N2: New floor construction comprising:

- > 200mm concrete floor slab, reinforced with two layers steel fabric reinforcement to Structural Engineer's design
- > 1200 gauge mono-fibre gas venting membrane
- > Minimum 200mm mechanically compressed graded stone hardcore all to Structural Engineers design

Note N3: Where concrete floor abuts the steel portal columns, provide and place an expansion joint as designed by the Structural Engineer

Note N4: 80mm thick Microth composite panels, horizontally configured and fixed in full accordance with the manufacturer's instructions

Note N5: Sheet piling

Note N6: Insulated gutter

Note N7: Gutter support

Note N8: Corner of the existing building. The top of the foundation is 200mm below DPC and the depth is 400mm. To construct a new Portal Column base, the existing foundation is to be completely exposed and underpinned in full accordance with the Structural Engineers design and supporting structural calculations

It is anticipated that the following procedure will be followed:

- > Expose the existing foundation.
- > Excavate under to half the width of the existing foundation and to the length of the new portal column base. Clear off the surface of the foundation.
- > Excavate to the new steel portal frame column base as shown on the Structural Engineer design. Extend that dig under the existing foundation base
- > Drill the existing concrete base, 25mm diameter holes at: at 200mm staggered centres to a depth of 250mm. Insert and resin bond, 20mm dowel bars 400mm long.
- > Cast the new steel portal column base, incorporating holding down bolts as designed by the Structural Engineer, and all steel reinforcement as designed by the Structural Engineer

Note N9: Excavate for and construct new column base at each external grid point, all as the Structural Engineers design.

Note N10: New floor construction comprising:

- > 200mm concrete floor slab, reinforced with two layers steel fabric reinforcement to Structural Engineer's design
- > 1200 gauge mono-fibre gas venting membrane
- > Minimum 200mm mechanically compressed graded stone hardcore all to Structural Engineers design

Note N11: Where concrete floor abuts the steel portal columns, provide and place an expansion joint as designed by the Structural Engineer

Note N12: 80mm thick Microth composite panels, horizontally configured and fixed in full accordance with the manufacturer's instructions

Note N13: Sheet piling

Note N14: Insulated gutter

Note N15: Gutter support

Applicant: Kelproperties Ltd		Proposal: Redevelopment of Site	
Location: Midland Distribution Centre, Markfield Road Groby Leicestershire LE6 0TS		Drawing Title: Proposed Section Through the Existing Building and the Extension Westernmans International Limited	
Drawn by: Gareth Williams	Date: February 2025	Scales: 1:10, 1:50 at AO Job No. ATC 1120 Dwg No. ATC 1120.06	
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