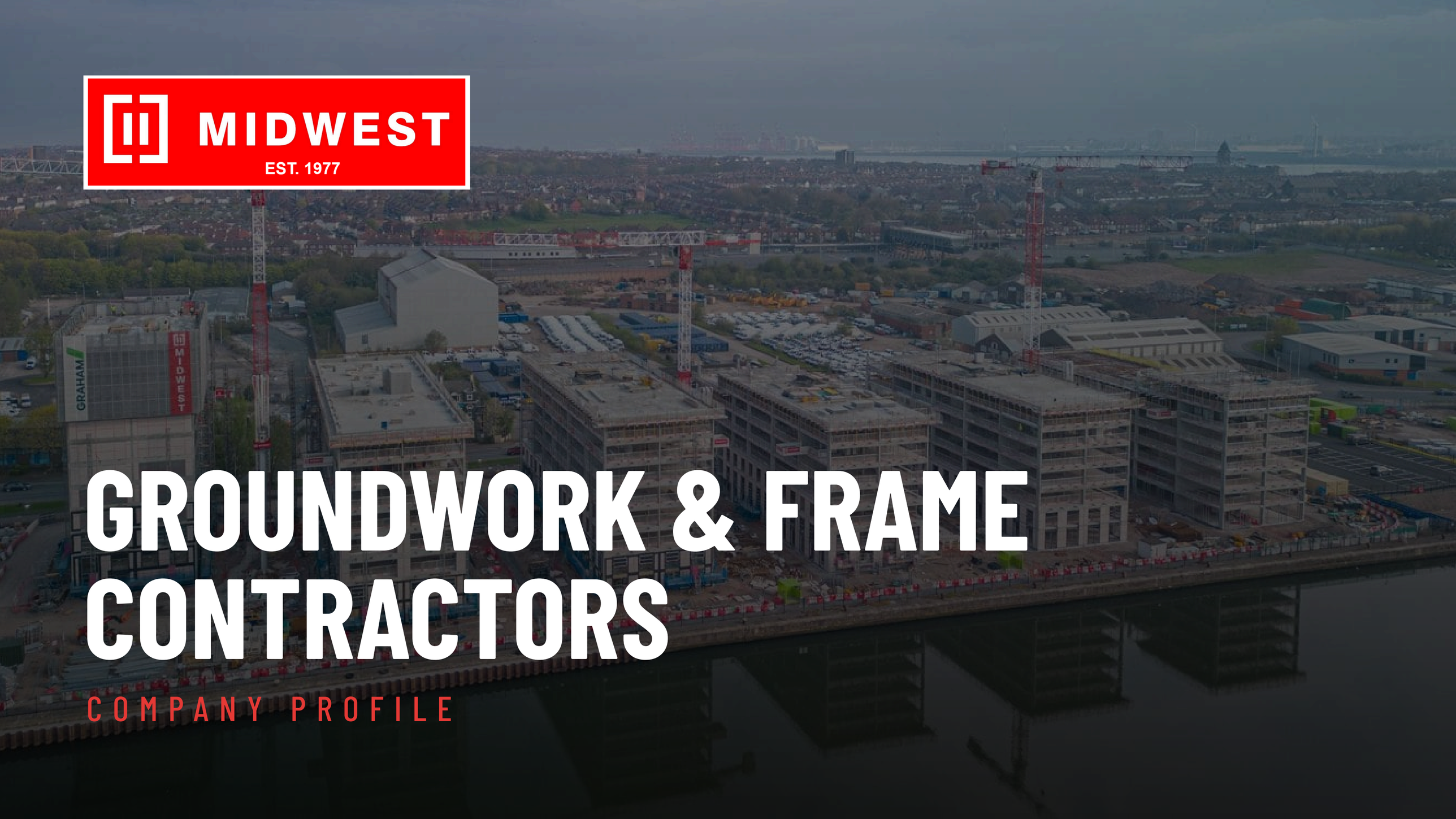
MIDWEST
EST. 1977



GROUNDWORK & FRAME CONTRACTORS

COMPANY PROFILE

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WHAT WE DO

01 Introduction to Midwest Construction Ltd

02 Case studies

03 Enabling works: site clearance, piling mats, piling attendances, cropping, groundworks, substructures and ground floor slabs

04 PCC columns: single and double height square, rectangular and circular columns

05 Precast upstands and parapet walls

06 Slip-form system for stair core and lift shaft walls

07 PCC twin wall, solid wall and stacked lift shaft systems

08 Precast stairs, landings and permanent handrail solutions

09 Reinforced concrete floor slab construction systems

10 Concrete distribution via placing boom and static pump

11 Tower cranes: supply and operate

12 Protection screens, Canti-Deck platforms and Doka TLS tower block hoists

INTRODUCTION TO MIDWEST

Established as Corcoran & Gilligan Enterprises Ltd in Ireland in 1977, under the directorship of Joe Corcoran and Peter Gilligan (RIP), the company traded very successfully up until Peter's retirement from the day to day running of the business in 1992. Joe Corcoran introduced Martin and Shane Corcoran, his 2 sons, to the business in Ireland. They set up the Midwest companies in the UK in late 2009.

Midwest Construction Ltd was established in late 2009 as a Private Limited Company. It is the main trading company within the Midwest companies in the UK.

Midwest Precast Ltd was established in 2016 solely as a separate precast company with responsibility for designing, manufacturing and supplying precast concrete elements to Midwest contracts and also to external clients.

Midwest Formwork & Reinforcing Ltd was established in 1977 in the Republic of Ireland. Its sole role is plant, crane, formwork and falsework hire to the UK business.

We operate throughout London and the UK, and have worked previously in the North, North-West, South, South-West and South-East of the country.

Midwest Properties was incorporated in 2017 and carries out property development.



CASE STUDY

WIRRAL WATERS

BIRKENHEAD, LIVERPOOL

MAIN CONTRACTOR	Graham Construction Ltd
CLIENT	Peel Developments Ltd
VALUE	£17m
SCOPE	Piling mats, groundworks and drainage; 6 Nr 8–13 storey concrete frames; 3 Nr tower cranes supply/operate
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 12 stair cores and double lift shafts, columns, shear walls and staircases
PLANT	Groundwork plant; formwork/falsework systems; tower cranes x 3 supply/operate; screens and edge protection systems
ENGINEER	Curtin's



CASE STUDY

CARDIFF INTERCHANGE

CARDIFF

MAIN CONTRACTOR	ISG
CLIENT	Rightacres Developments Ltd
VALUE	£12m
SCOPE	1 Nr 26 storey block, 1 Nr 13 storey PRS block and 1 Nr 13 storey office block
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 1,300 Nr columns, 200 Nr stair flights and 1,000m² twin walls
IN SITU	Cut and bent reinforcement to suspended slabs including 5 slipform cores; loading out toilet pods, Metsec and plasterboard; protection screens supply/operate
ENGINEER	Arup's



CASE STUDY

LANCASTER STREET

BIRMINGHAM

MAIN CONTRACTOR	Winvic Construction Ltd
VALUE	£13m
SCOPE	1 Nr 33 storey tower block and groundworks
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 1,300 Nr columns, 200 Nr stair flights and 12,000m² twin walls
IN SITU	Cut and bent reinforcement to suspended slabs; loading out toilet pods, Metsec and plasterboard; protection screens supply/operate
ENGINEER	Meinhardt



CASE STUDY

PALL MALL

LIVERPOOL

MAIN CONTRACTOR	Graham Construction Ltd
CLIENT	Pall Mall Press Developments Ltd
VALUE	£12m
SCOPE	Piling mats, groundworks and drainage; 2 Nr 10/22 storey concrete frames
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 3 stair cores and 6 double lift shafts, columns, shear walls and staircases
PLANT	Groundwork plant; formwork/falsework systems; floor protection screens supply/operate
ENGINEER	AJP Consulting Engineers; architect FCH



CASE STUDY

OLYMPIC WAY

WEMBLEY, LONDON

MAIN CONTRACTOR	RG Group Ltd
CLIENT	UNITE Student Developer
VALUE	£4m
SCOPE	20 storey reinforced concrete frame
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – central stair cores and double lift shafts, columns, shear walls and staircases
ENGINEER	Tiers Consulting Engineers



CASE STUDY

FUSION STUDENTS SWANSEA

SWANSEA

MAIN CONTRACTOR	ISG Construction Ltd
CLIENT	Fusion Students Ltd
VALUE	£5m
SCOPE	17 storey concrete frame and 2 storey transfer podium slab; tower cranes supply/operate
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 2 stair cores and double lift shafts, columns, shear walls and staircases
PLANT	Floor protection screens supply/operate; tower cranes x 2 supply/operate
ENGINEER	Shear Design Ltd

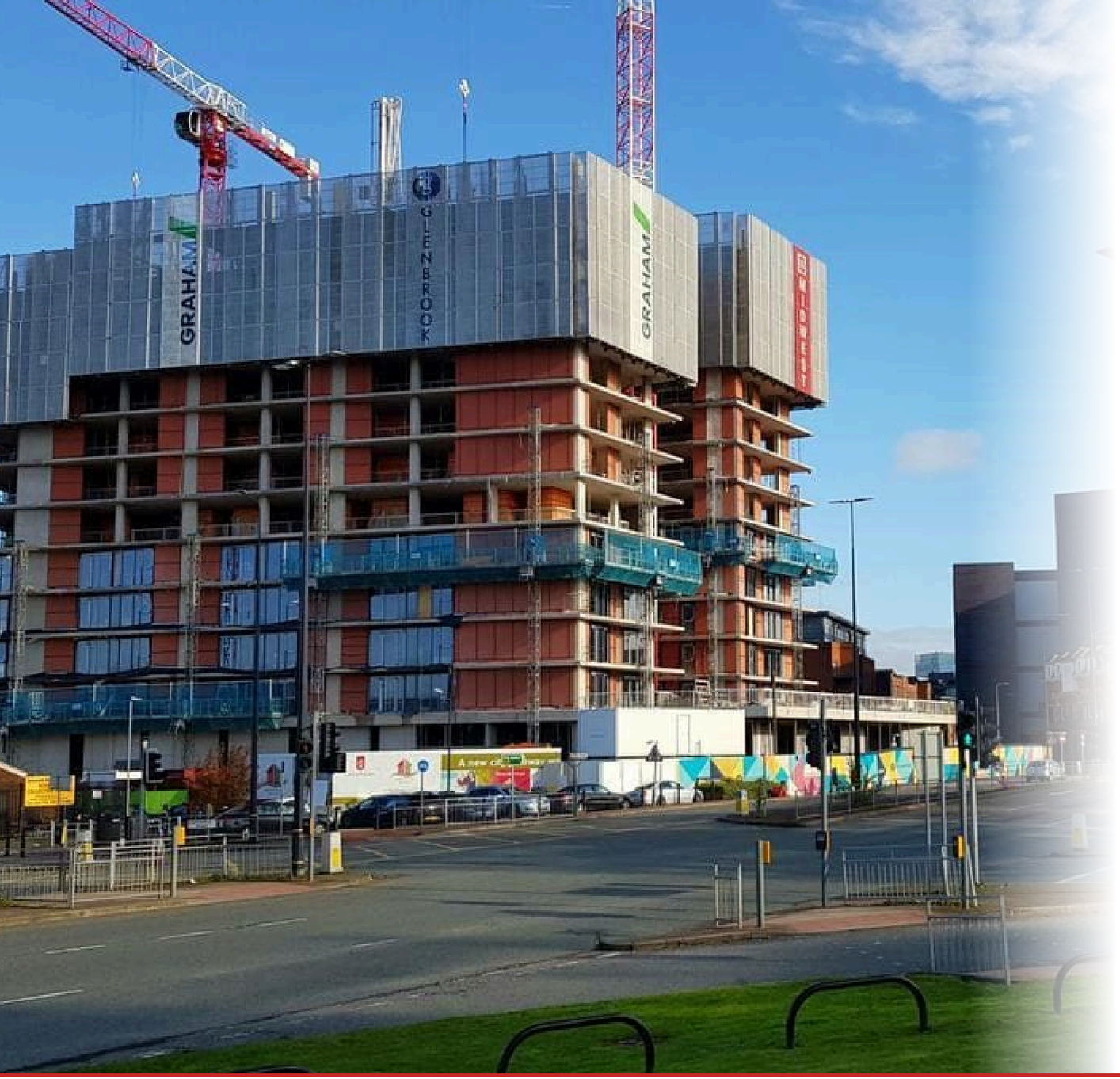


CASE STUDY

GALA BINGO

NOTTINGHAM

MAIN CONTRACTOR	Winvic Construction Ltd
VALUE	£6m
SCOPE	Piling mat, groundworks and drainage; 1 Nr 7 storey concrete frame
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 3 stair cores and 6 double lift shafts, columns, shear walls and staircases
PLANT	Formwork/falsework and groundwork plant and equipment
ENGINEER	Meinhardt Consulting Engineers



CASE STUDY

CORNBROOK

MANCHESTER

MAIN CONTRACTOR	Graham Construction Ltd
CLIENT	Glenbrook Developments Ltd
VALUE	£14m
SCOPE	Site clearance, piling mat installation and attendances, groundworks and underground drainage; 2 Nr 16 storey RC frames
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 2 stair cores and double lift shafts, columns, shear walls and staircases
PLANT	Protection screens supply/operate; tower cranes x 2 supply/operate
ENGINEER	Design ID



CASE STUDY

ERIE BASIN

MANCHESTER

MAIN CONTRACTOR	Graham Construction
CLIENT	Glenbrook Developments Ltd
VALUE	£10m
SCOPE	Pile mat installation and piling attendances, groundworks and underground drainage; 2 Nr 16 storey RC frames
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 2 stair cores and double lift shafts, columns, shear walls and staircases
PLANT	Protection screens supply/operate
ENGINEER	Design ID



CASE STUDY

CARDIFF ARENA

CARDIFF

MAIN CONTRACTOR	McLaren Construction Ltd
VALUE	£6m
SCOPE	6 Nr slipform cores, 1 Nr 2 storey concrete frame
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – columns, shear walls and staircases
PLANT	Groundwork plant; formwork/falsework systems; supply/install edge protection systems
ENGINEER	Curtin's



CASE STUDY

NEW CROSS DEVELOPMENT

MANCHESTER

MAIN CONTRACTOR	GMI Construction Ltd
CLIENT	Mulbury Developments Ltd
VALUE	£8.5m
SCOPE	Piling mats, groundworks and drainage; 2 Nr 13 storey concrete frames; 2 Nr tower cranes supply/operate
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 2 stair cores and 4 double lift shafts, columns, shear walls and staircases
PLANT	Floor protection screens supply/operate; tower cranes x 2 supply/operate
ENGINEER	Ridge



CASE STUDY

BATH COURT

BIRMINGHAM

MAIN CONTRACTOR	Bouygues Construction UK Ltd
CLIENT	Link City Developments Ltd
VALUE	£3.8m
SCOPE	13 storey concrete frame, basement box and transfer podium slab; tower cranes supply/operate
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 1 central stair core and double lift shafts, columns, shear walls and staircases
PLANT	Floor protection screens supply/operate; tower crane x 1 supply/operate
ENGINEER	MPM Design Ltd



CASE STUDY

FUSION STUDENTS, 26 STOREY BLOCK

CARDIFF

MAIN CONTRACTOR	ISG
CLIENT	Fusion Student Accommodation
VALUE	£6.5m
SCOPE	26 storey RC frame and 2 Nr 8 storey lower blocks
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 2 stair cores and double lift shafts, columns, shear walls and staircases
IN SITU	Cut and bent reinforcement to suspended slabs; loading out toilet pods, Metsec and plasterboard; protection screens supply/operate
ENGINEER	Curtin's



CASE STUDY

FRIARS ROAD STUDENT ACCOMMODATION

COVENTRY

MAIN CONTRACTOR	RG Group Ltd
CLIENT	Crosslane Student Developer
VALUE	£6.5m
SCOPE	Site clearance, piling, groundworks, drainage and substructure RC slabs; 6 Nr RC frames (21/10/10/7/5/3 storeys); tower and mobile cranes supply/operate
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 2 stair cores and double lift shafts, columns, shear walls and staircases
PLANT	Tower cranes supply/operate; protection screens supply/operate
ENGINEER	Roscoe Consulting Engineers



CASE STUDY

ST MARY'S STUDENT ACCOMMODATION

SOUTHAMPTON

MAIN CONTRACTOR	Bouygues UK Ltd
CLIENT	Bouygues Developments
VALUE	£2.76m
SCOPE	16 storey concrete frame; 12,000m² in situ slabs
MIDWEST PRECAST	Designed/manufactured/supplied PCC vertical elements – 2 stair cores and 2 double lift shafts, columns, shear walls and staircases
ENGINEER	Tiers Consulting Engineers

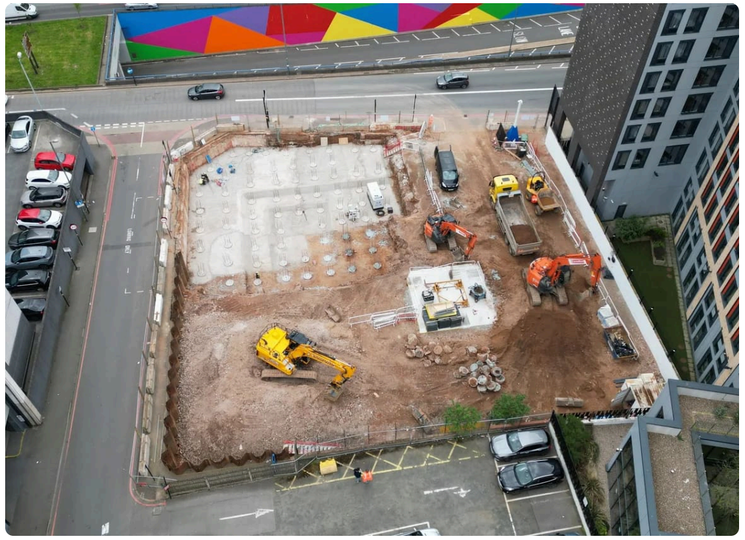
ENABLING WORKS

SITE CLEARANCE & ENABLING WORKS





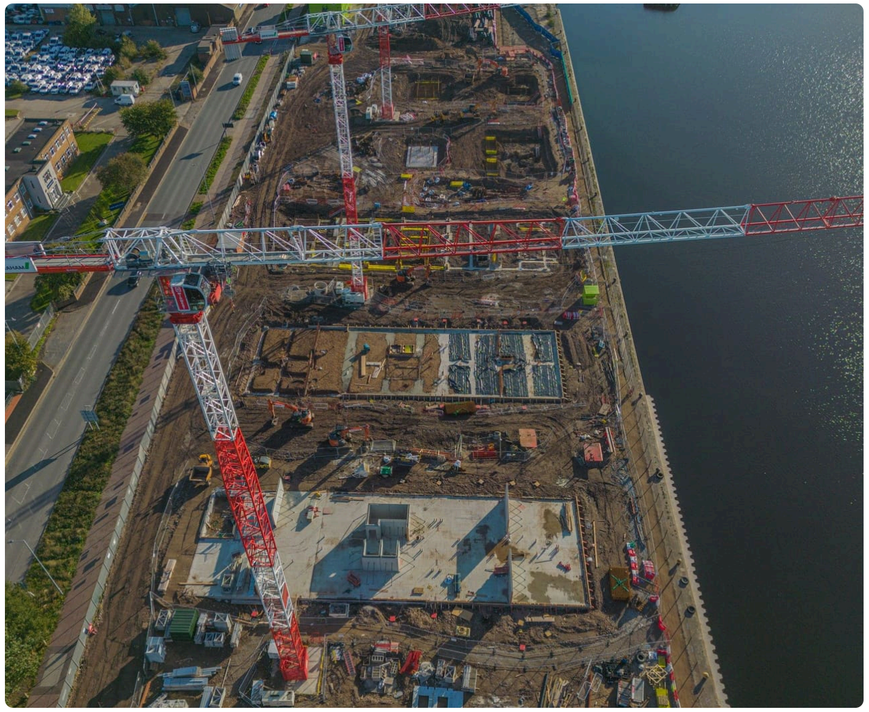




ENABLING WORKS

PILING MATT INSTALLATION & ATTENDANCES









ENABLING WORKS

PILE CROPPING, PILE CAPS, LIFT PITS, GROUND BEAMS, TOWER CRANE BASES & GROUND FLOOR SLABS











PCC COLUMNS: DESIGN, MANUFACTURE, INSTALL

Supplied by Midwest Precast Ltd and installed on site by Midwest.





PRECAST

SINGLE OR DOUBLE HEIGHT PRECAST COLUMNS: DELIVER & INSTALL

Supplied by Midwest Precast Ltd and installed on site by Midwest.









PRECAST

CIRCULAR COLUMNS: DELIVER & INSTALL

Supplied by Midwest Precast Ltd and installed on site by Midwest.









PRECAST

PRECAST UPSTANDS & PARAPET WALLS

Supplied by Midwest Precast Ltd and installed on site by Midwest.









PRECAST CONCRETE TWIN WALL SYSTEM: STAIR CORE, LIFT SHAFT OR BLADE WALLS

Supplied by Midwest Precast Ltd and installed on site by Midwest.









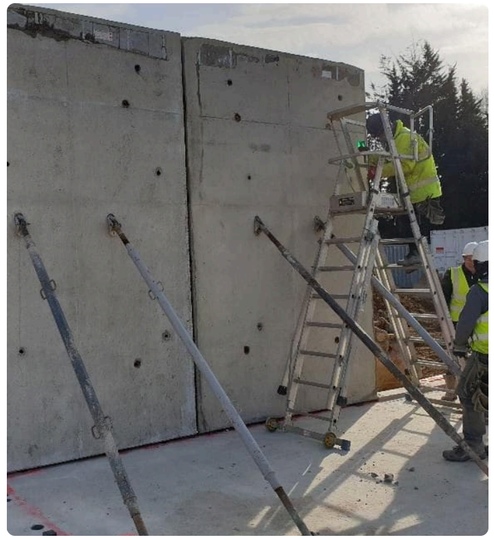
PRECAST

SOLID WALL PRECAST CONCRETE SOLUTION

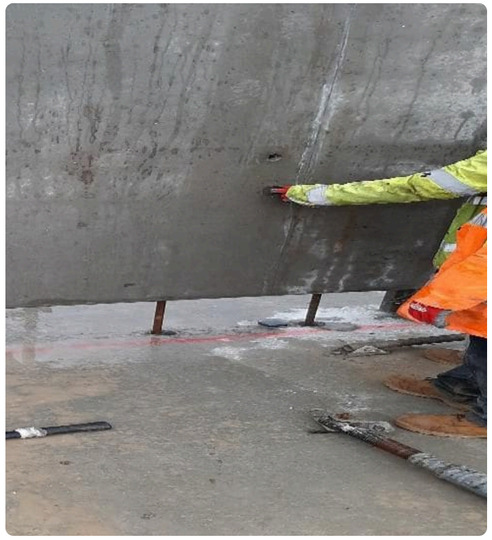
Supplied by Midwest Precast Ltd and installed on site by Midwest.











PRECAST

SOLID STACKED PRECAST LIFT SHAFTS

Supplied by Midwest Precast Ltd and installed on site by Midwest.







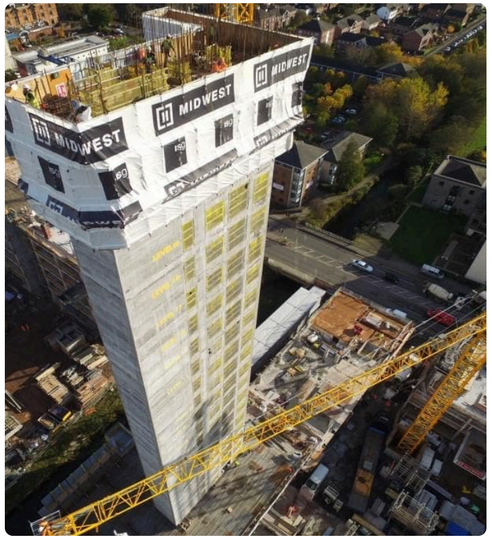


STRUCTURES

SLIPFORM CORE CONSTRUCTION METHOD







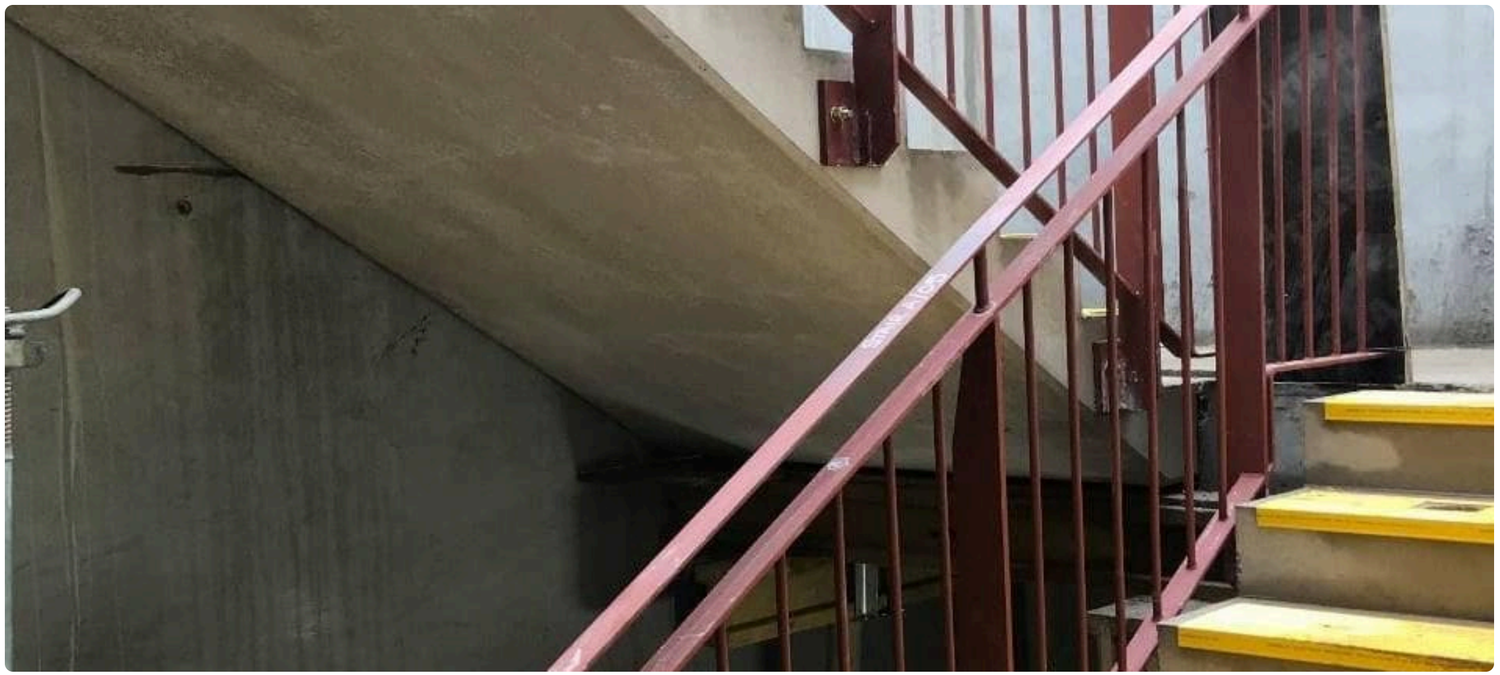


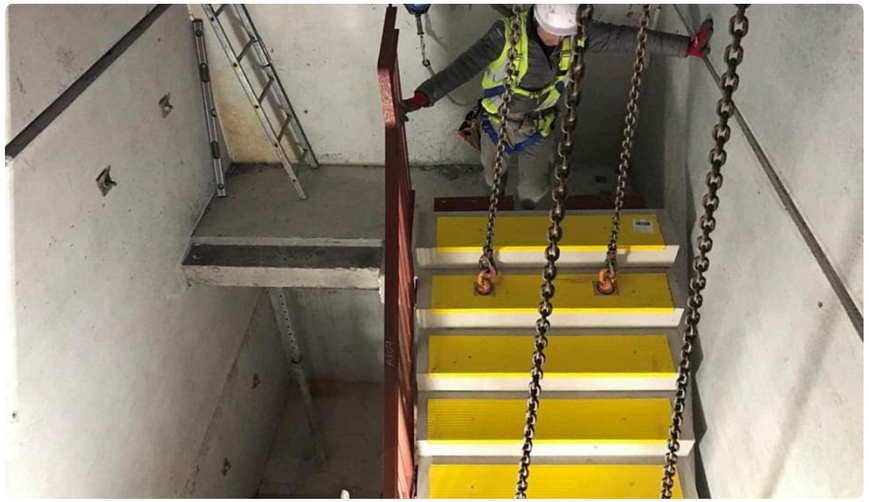


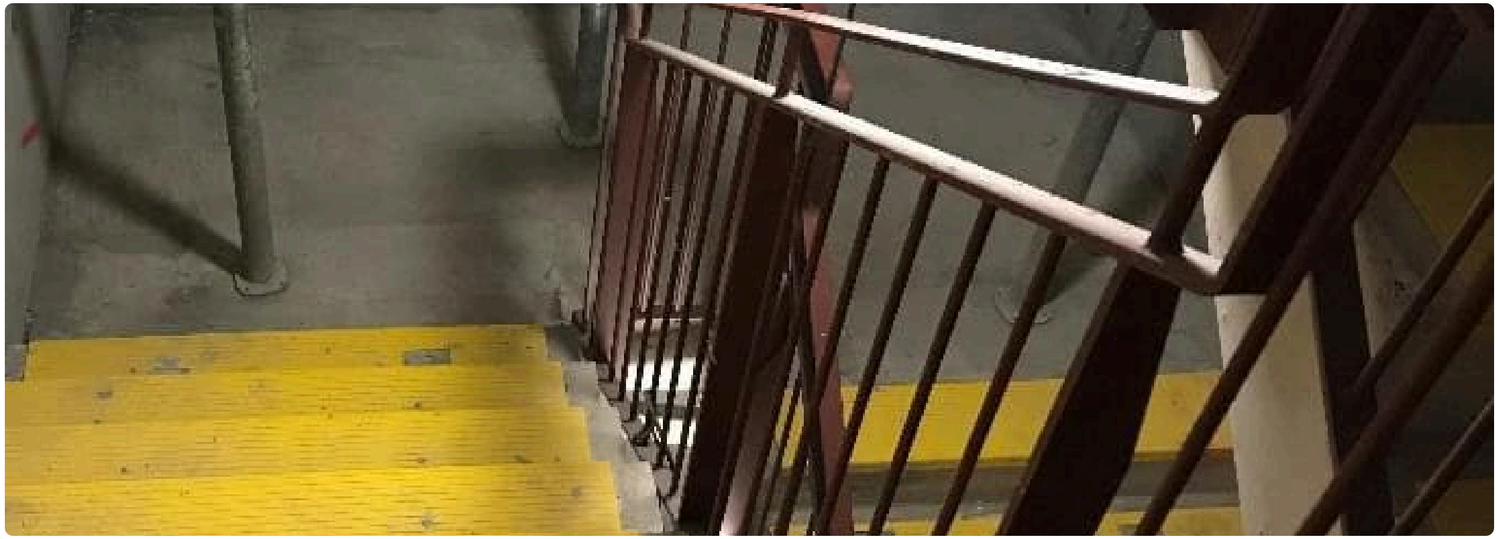
PRECAST

PRECAST STAIR FLIGHTS & PERMANENT HANDRAILS

Supplied by Midwest Precast Ltd and installed on site by Midwest.





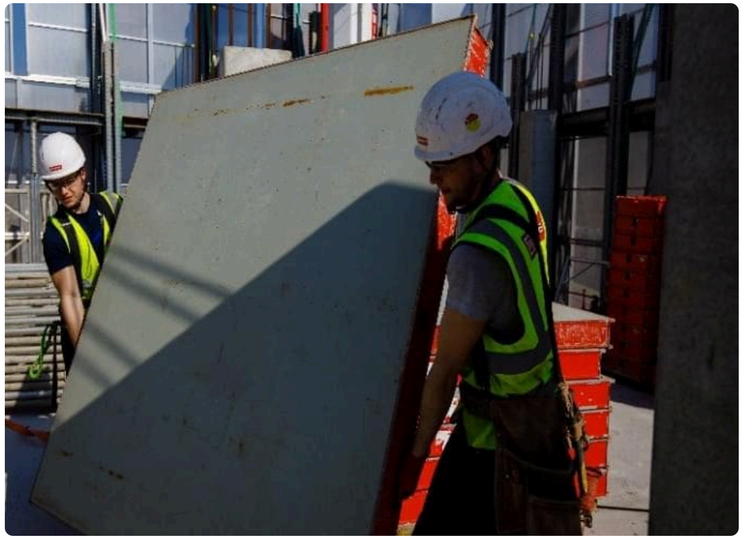


STRUCTURES

REINFORCED CONCRETE SUSPENDED SLABS: PANEL DECK SYSTEM





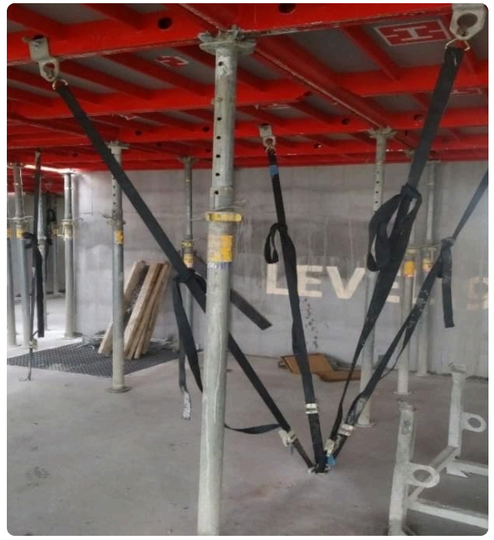




REINFORCED CONCRETE SUSPENDED SLABS: RE-ERECT PANEL DECK SYSTEM











STRUCTURES

SUSPENDED SLABS: DOKA TABLE FORM STRIKE & RE-ERECT

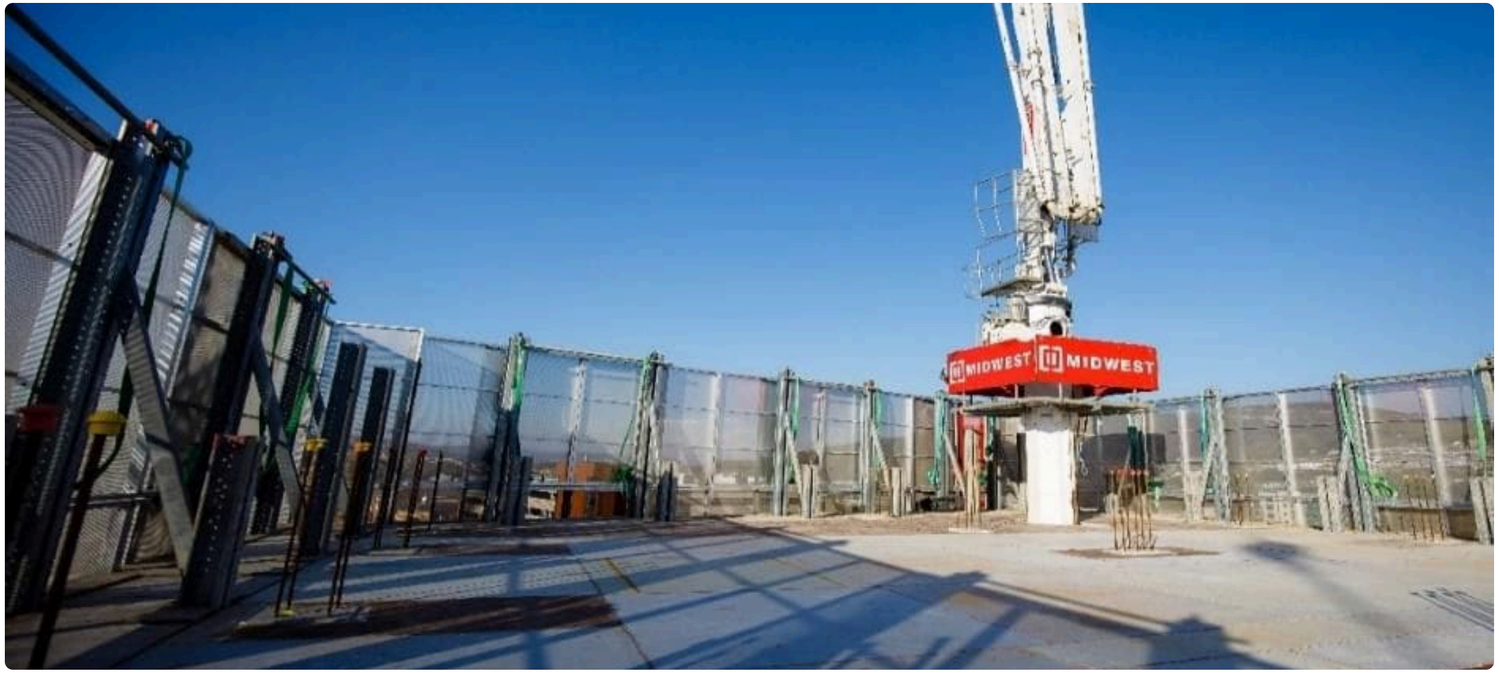




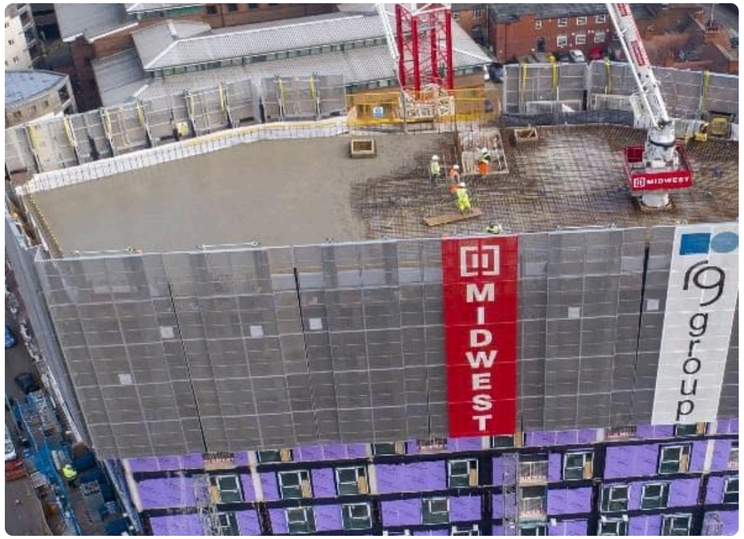


STRUCTURES

CONCRETE PLACING BOOM DISTRIBUTION & STATIC PUMP





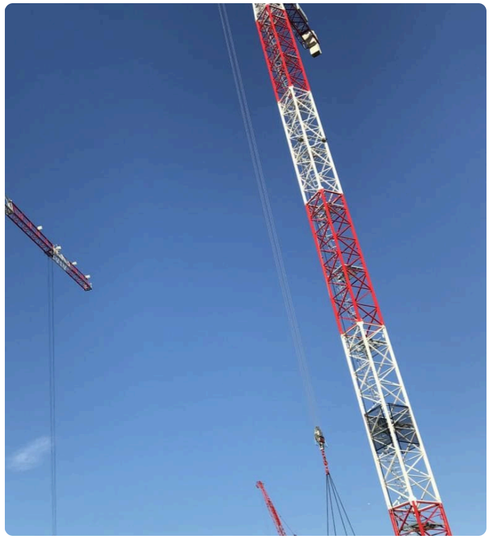




TOWER CRANES: SUPPLY & OPERATE









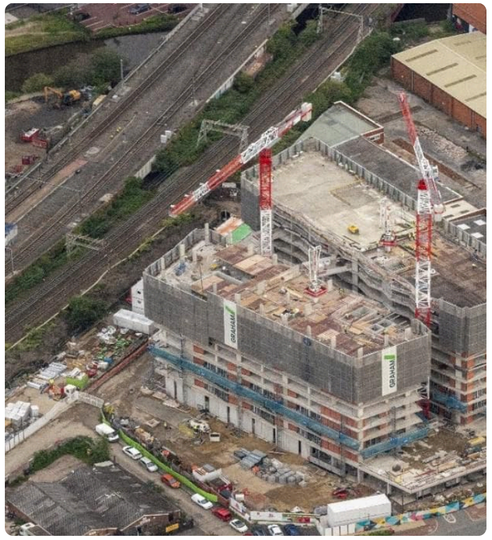


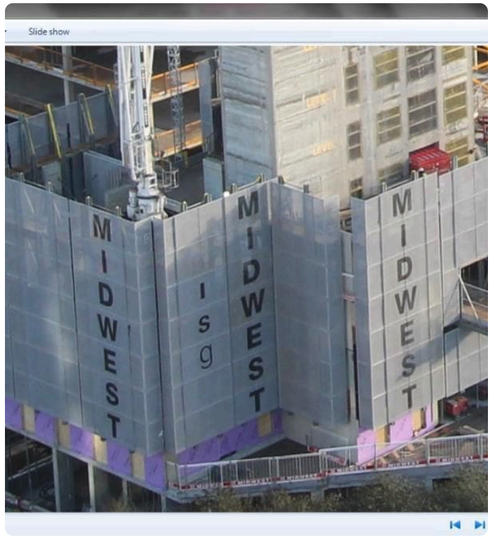
PROTECTION

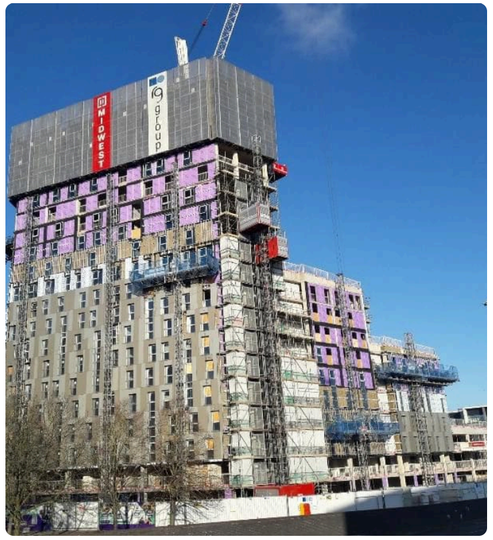
HIGH RISE EDGE PROTECTION SCREENS









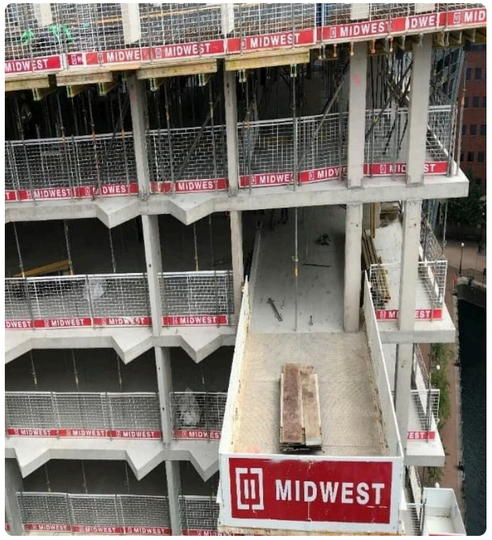


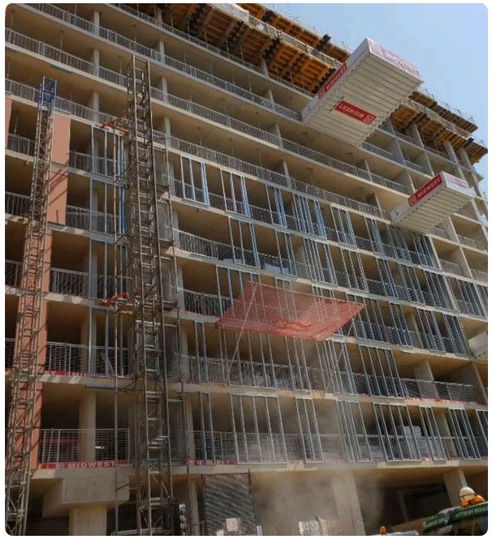
ACCESS

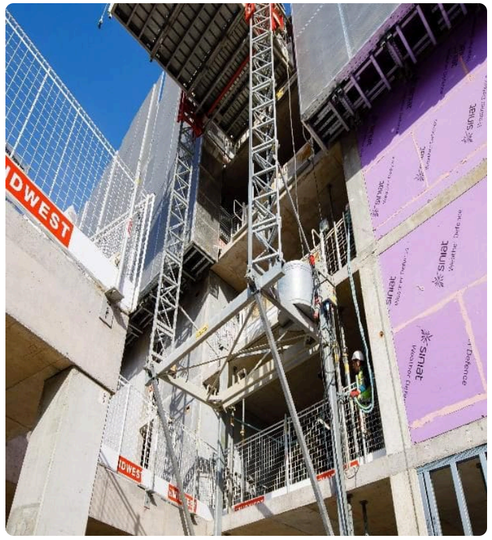
CANTI-DECK PLATFORMS & TLS LIFTING DEVICE











GET IN TOUCH

CONTACT

MIDWEST CONSTRUCTION LTD

ADDRESS
Wilson House, 23 London End,
Beaconsfield, HP9 2HN

COMPANY REGISTRATION
07074661

TEL
0208 998 1177

MIDWEST PRECAST LTD

ADDRESS
Clifden Park, Menmarsh Road,
Worminghall, HP18 9UP

COMPANY REGISTRATION
10389924

TEL
0208 998 1177

MIDWEST PROPERTIES LTD

ADDRESS
Wilson House, 23 London End,
Beaconsfield, HP9 2HN

COMPANY REGISTRATION
11041413

TEL
0208 998 1177

www.midwestconstruction.co.uk

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EST. 1977



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