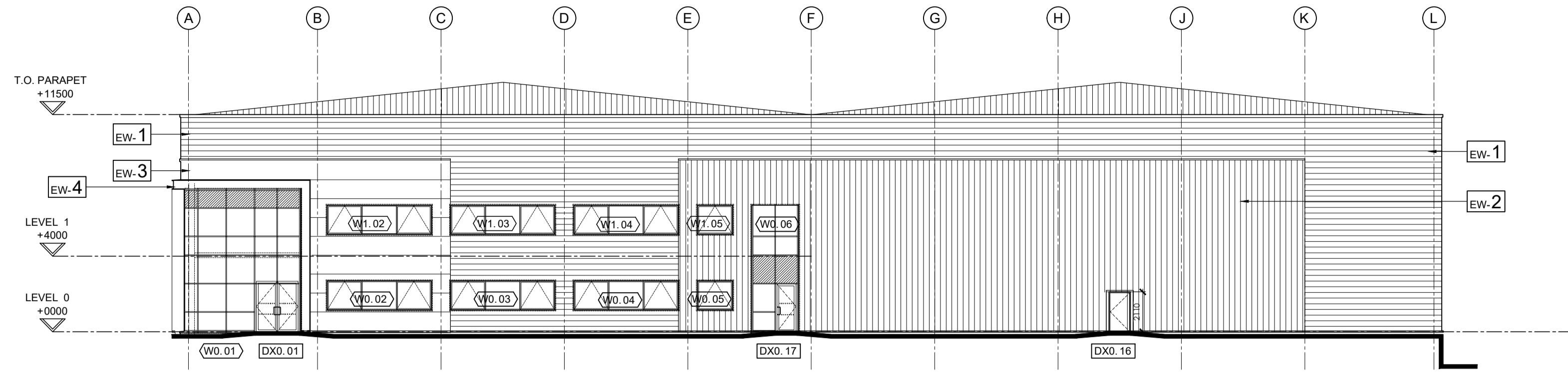
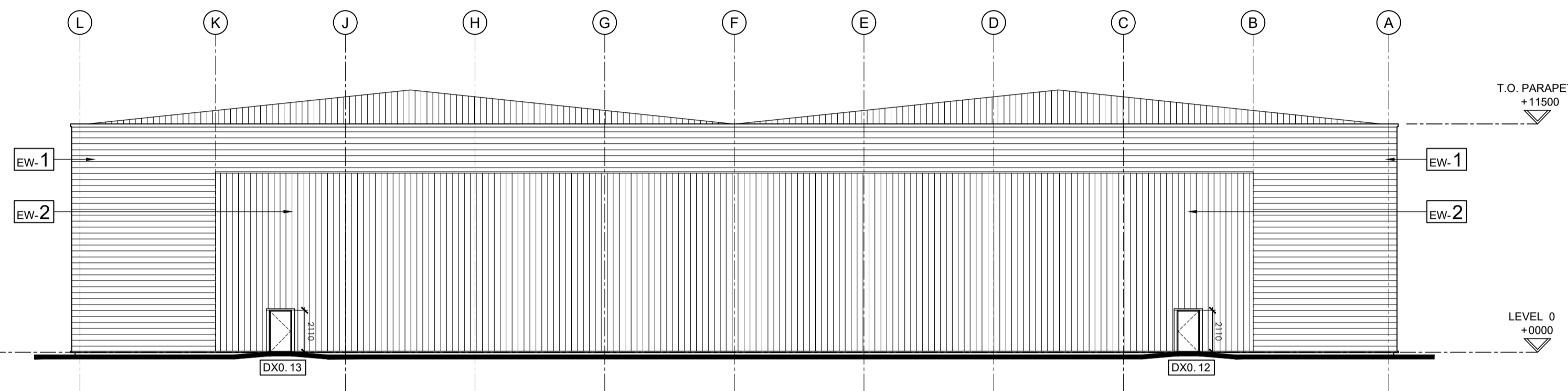


A1



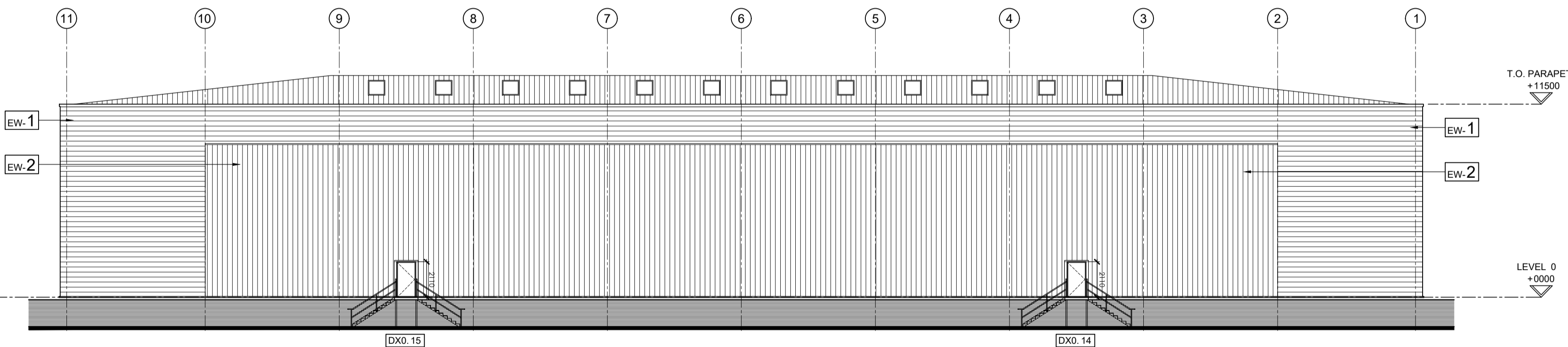
Description SOUTH ELEVATION  
FACING CAR PARK.

S



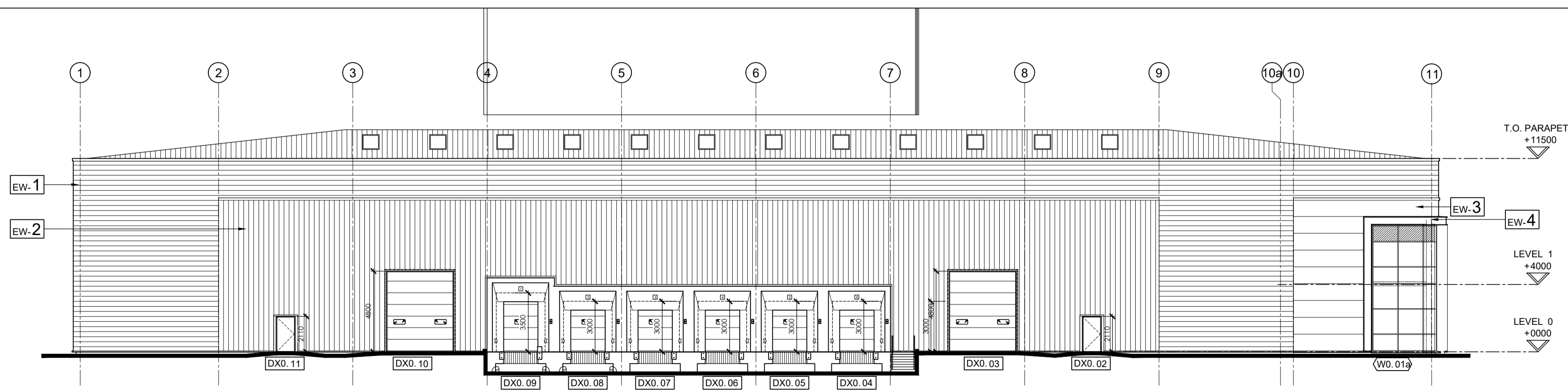
Description NORTH ELEVATION  
FACING SITE BOUNDARY.

N



Description EAST ELEVATION

E



Description WEST ELEVATION  
FACING SERVICE YARD

W

EXTERNAL WALL CONSTRUCTION

**EW-1** PLAN DRAWN EXTERIOR  
 ACTUAL DRAWN  
 Built up steel cladding system with non-combustible rockwool insulation, HORIZONTALLY laid half round outer sheet.  
 Sheeting rail  
 \* DIM TBC system depth to be better than design u-value  
 Colour: Metallic Silver RAL 9006

**EW-2** PLAN DRAWN EXTERIOR  
 ACTUAL DRAWN  
 Built up steel cladding system with non-combustible rockwool insulation, VERTICALLY laid trapezoidal outer sheet.  
 Sheeting rail  
 CA Building Products Twin-Therm DEEP PROFILE WIDE PITCH outer sheet CA ARC 50 930 (or similar approved.)  
 \* DIM TBC system depth to be better than design u-value  
 Colour: Bassalt Grey RAL 7012

**EW-3** PLAN DRAWN EXTERIOR  
 ACTUAL DRAWN  
 Composite cladding panel with non-combustible stone wool core, HORIZONTALLY laid, 900 high panels with micro-rib outer surface.  
 Sheeting rail  
 Vertical joint with snap on cover flashing.  
 Eurobond Europanel S5 (or similar approved.)  
 \* DIM TBC panel thickness to be better than design u-value.  
 Colour: Anthracite RAL 7016

**EW-4** EXTERIOR  
 \* DIM TBC panel thickness to be better than design u-value.  
 Colour: Anthracite RAL 7016  
 Metaline feature beam profiled Curtain Wall Surround, colour anthracite (RAL 7016)

ROOF CONSTRUCTION

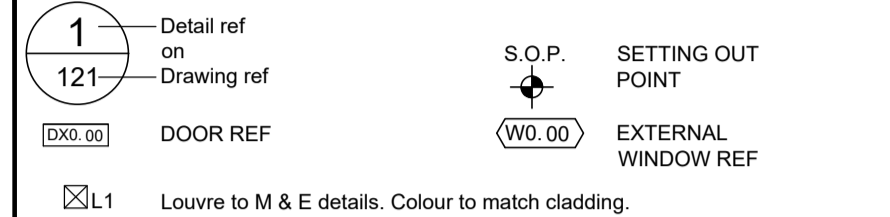
**ROOF-R1** SECTION DRAWN EXTERIOR  
 ACTUAL DRAWN  
 Built up steel cladding system, CA Building Products Twin-Therm DEEP PROFILE WIDE PITCH outer sheet CA 32 1000R (or similar approved.)  
 Purlin  
 \* DIM TBC system depth to be better than design u-value  
 Colour: RAL7038 Goosewing Grey

MISCELLANEOUS COLOUR REFERENCES

ALUMINIUM FRAMED, THERMALLY BROKEN GLAZED DOORS, CURTAIN WALLING AND WINDOWS.  
 FRAME COLOUR: ANTHRACITE (RAL 7016)  
 SECTIONAL VEHICLE ACCESS DOOR, LEVEL ACCESS.  
 COLOUR: ANTHRACITE (RAL 7016)  
 SECTIONAL ACCESS DOOR TO DOCK.  
 COLOUR: ANTHRACITE (RAL 7016)  
 INSULATED STEEL FACED FIRE EXIT DOOR, LOW PROFILE THRESHOLD.  
 COLOUR: ANTHRACITE (RAL 7016)  
 PROJECTING FEATURE FLASHING TO ENTRANCE.  
 COLOUR: ANTHRACITE (RAL 7016)  
 FACING BRICKWORK TO RETENTION.  
 COLOUR: BLUE  
 All pressed metal flashings and trims to match colour of cladding immediately above, EXCEPT PARAPET FLASHING  
 COLOUR: ANTHRACITE (RAL 7016)  
 Exposed steelwork behind curtain wall facade (including staircase support structure) to match curtain walling frame  
**DESIGN 'U' VALUES**  
 U VALUES TO BUILDING FABRIC TO BE BETTER THAN THE DESIGN LIMITS.  
 0.18 W/m²K - GROUND FLOOR 1.4 W/m²K - EXTERNAL WINDOWS  
 0.21 W/m²K - EXTERNAL WALLS 1.6 W/m²K - ENTRANCE DOORS  
 0.18 W/m²K - ROOF 1.4 W/m²K - EXTERNAL DOORS  
 1.30 W/m²K - ROOFLIGHTS 1.3 W/m²K - VEHICLE DOORS  
 0.35 W/m²K - SEPARATING WALLS  
 AIR PERMEABILITY (WORST ACCEPTABLE) - 1.5 m³ / (H m²) at 50 Pa  
**SUBJECT TO SBEM CALCULATIONS BY M & E CONSULTANT.**

This drawing and the building works depicted are the copyright of BHP Design (UK) LTD. and may not be reproduced or amended except by written permission. No liability will be accepted for amendments made by other persons.  
 The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work starts. The Contractor is to comply in all respects with current Building Regulations, British Standard Specifications, Building Regulations, Construction (Design & Management) Regulations, Party Wall Act, etc. whether or not specifically stated on this drawing. This drawing must be read with and checked against any structural, geotechnical or other specialist documentation provided.  
 This drawing is not intended to show details of foundations, ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor. A suitable method of foundation should be provided allowing for existing ground conditions. Any suspect or fluid ground, contaminants on or within the ground, should be further investigated by a suitable expert. Any earthwork constructions shown indicate typical slopes for guidance only & should be further investigated by a suitable expert.  
 Where existing trees are to be retained they should be subject to a full Arboricultural Inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services. A suitable method of foundation is to be provided to accommodate the proposed tree planting.  
 Sketch proposals are for illustrative purposes only & as such are subject to detailed site investigation including ground conditions/contaminants, drainage, design & planning/density negotiations. Sketch proposals may be based upon enlargements of OS sheets & visual estimations of existing site features, accuracy will therefore need to be verified by survey. Sketch proposals have not been considered in respect of DM Regulations.

LEGEND



ABBREVIATIONS

Nom.	Nominal	U/s	Underside of
T.O.S	Top of steel	T.O.	Top of
S.O	Structural Opening	F.O	Face of
F.F.L	Finished Floor Level	AFFL	Above Finished Floor Level
S.S.C	Specialist Sub Contractor	S.S.L	Structural Slab Level
EOB	Edge Of Beam		

T6	Parapet level updated to suit details T-920-revT1 Drawing.	09.08.2023	RJF
T5	Air Permeability rate updated.	09.06.2023	RJF
T4	Updated for revised Tender Issue.	07.06.2023	RJF
T3	Stair 2 relocated within office.	12.01.2022	jmc
T2	Amended as Value Engineering Schedule.	07.11.2022	jmc
T1	External wall types added.	13.03.2022	D.N.

**bhpdesign**  
 St. Paul's Place, 40 St. Paul's Square, Birmingham,  
 B3 1FQ, United Kingdom  
 t. +44(0)121 314 6618 f. +44(0)121 233 2716

<b>TENDER</b>	CLIENT:		
	PROJECT:	SPECTRUM LOGISTICS PARK ECKERSALL ROAD, KINGS NORTON, BIRMINGHAM	
	TITLE:	GENERAL ARRANGEMENT Elevations UNIT 2	
	Scale:	1:100@A1	
Drawn:	D.N.	Date:	JUN 2022
Drw No:	17-110- 220	Checked By:	D.N.
		Revision:	T6