

TRANSPORT ADDENDUM

ST JOSEPH'S, BOGNOR REGIS

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Project	St Joseph's, Bognor Regis
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TABLE OF CONTENTS

1.	INTRODUCTION	2
2.	TRANSPORT CONSIDERATIONS – TRIP GENERATION	2
2.1	COMMUTER TRIPS	2
2.2	PERSONAL TRIPS	3
2.3	CONCLUSION	4
	APPENDIX A – UPDATED FLOOR PLANS	5

LIST OF TABLES

Table 1.	Travel to Work Residents Modal Share	3
Table 2.	Personal Mode Share	3



1. INTRODUCTION

- 1.1.1 In December 2016 JMP Consultants Ltd (JMP), now SYSTRA, wrote a Transport Statement (TS) and Travel Plan (TP) to support a planning application (ref: BR/348/16/PL) for:

“Change of use of St Joseph’s, Essex House and Blackbird Cottage including an on-site stand-alone conservatory, from a care home (Class C2) to a House in Multiple Occupation (HMO) to provide team accommodation for up to 90 team members on behalf of Butlin’s Bognor Regis, together with an on-site manager accommodation, two car parking spaces (one disabled space), a minibuss space, a designated cycle store for 20 spaces, a designated bin store, smoking shelter & associated landscaping”

- 1.1.2 This application was approved with conditions on 3rd March 2017. Since approval the development has been built with some minor modifications, resulting in a total of 102 bedspaces rather than 91. As a result of these modifications a Minor Material Amendment (MMA) application is to be submitted detailing the changes. A detailed list of the modifications can be seen in the accompanying planning documents.
- 1.1.3 A review of the impacts from the 11 additional bedspaces on the local highway/transport network has been undertaken in this addendum. It is noted that all other development proposals including car and cycle parking will remain as existing, therefore, all previous travel plan measures and initiatives are suitable for the amended development and are assumed to continue as approved.
- 1.1.4 This addendum should be read in conjunction with the previous TS and TP. Amended floor plans can be seen at **Appendix A**.

2. TRANSPORT CONSIDERATIONS – TRIP GENERATION

2.1 Commuter Trips

- 2.1.1 The first principles assessment undertaken in the previous TS assumed that each team member would generate one arrival and one departure trip per day, previously equating to 180 person trips (90 team members – the caretaker and manager were not included).
- 2.1.2 Applying the same analysis to the additional 10 team members, this equates to an additional 20 person trips per day (10 arrivals and 10 departures).
- 2.1.3 As detailed in the 2009 report, there will be one full time manager who lives on Site, this provision will not increase as part of the MMA. They will have access to one car parking space; however, this is not expected to generate a large amount of additional trips. Due to the proximity of the Site to the resort it is likely they will walk rather than drive.
- 2.1.4 The Site will continue to operate a strict car-free system, whereby no team member will be allowed to park on Site. Parking will be made available for team members at the Butlin’s resort; however, existing car ownership levels are extremely low.
- 2.1.5 **Table 1** overleaf details the travel to work mode share for the Site and the net change between the two development quantum’s.

Table 1. Travel to Work Residents Modal Share

MODE	MODE SHARE	TRIPS (91 RESIDENTS)	TRIPS (102 RESIDENTS)
Walking	96%	87	98 (+11)
Cycling	2%	2	2 (+0)
Train	0%	0	0 (+0)
Bus	0%	0	0 (+0)
Shuttle Bus	1%	1	1 (+0)
Vehicle Occupants	0%	0	0 (+0)

- 2.1.6 The Proposed Development, of an additional 11 bedspaces, is expected to generate an additional 11 walking trips only. Based on the analysis, no other mode will be affected by the change.

2.2 Personal Trips

- 2.2.1 As the team members will be living at the Site full time, personal (out of work) trips will also be generated. The majority of these trips are expected to be sustainable; however, a higher proportion will be undertaken by public transport and vehicles compared to the day-to-day commuting trips, due to distance travelled, though car ownership levels are extremely low.
- 2.2.2 The expected modal share for residents' personal trips, and the net change between the two development quantum's, can be seen in **Table 2** below.

Table 2. Personal Mode Share

MODE	MODE SHARE	TRIPS (91 RESIDENTS)	TRIPS (102 RESIDENTS)
Walking	42%	38	43 (+5)
Cycling	2%	2	2 (+0)
Train	16%	15	16 (+1)
Bus	10%	9	10 (+1)
Shuttle Bus	0%	0	0 (+0)
Vehicle Occupants	20%	18	20 (+2)
Vehicle	10%	9	10 (+1)

- 2.2.3 The Proposals are expected to generate an additional five walking trips, one train trip, one bus trip, two vehicle occupant trips and one car trip. These are exceptionally small increases and therefore are not expected to have a significant effect on the local transport network.

2.3 Car and Cycle Parking

- 2.3.1 Provision for car parking and cycle parking for staff is being made at the Butlins site, as described in the TS report. It has been confirmed that the ratio of available car parking spaces (1 per 2 bedspaces) at the Butlins site will be maintained, and it is not expected that the additional bedspaces will lead to significant additional cycle trips, therefore the system of monitoring demand which is described in the TS report is considered to remain appropriate to address any future increases in cycle parking demand.

2.4 Conclusion

- 2.4.1 The development proposals have been amended to include an additional 11 bedspaces, increasing the total number on site to 102 (100 staff, one full time manager and one caretaker)). Owing to the travel patterns of the staff and the modal splits generated from the original TS and TP, this is expected to have a negligible impact on the public transport and the local highway network.





Electrical Symbols Legend

- Light switch - Genset
- Emergency light - self-mount, Expendable
- LED downlight wall light
- Surface mounted light
- IP Surface mounted light on pole
- Surface mounted light emergency on PPL
- Low, Dimmable spotlight fitting
- Track triple bar spotlight
- Double 13amp power point socket
- Double 13amp power point socket with USB
- Climate control switch
- Smoke detector - LD2 standard Breulmax
- Carbon heat detector
- Electric Radiator (indicated with appropriate Radiant ceiling Radiant Boundary (1122kW))
- Radiator (COP in design plan)
- Centrifugal fan - electric
- Heated towel rail with radiator
- Heated towel rail
- HQV High Voltage cylinder
- Electricity meter box
- Compressor service unit
- Through wall extractor fan
- Electric motor - 1500w 900mm magnet

Note: 13 amp sockets - patress to be 450mm from PFL, 60mm between and patress to be.

TV 13amp socket and data outlet patresses to be 1050mm from PFL.

Light switch patress to be 1050mm from PFL.

Above window sockets to be 1050mm from PFL.

Note: 13 amp sockets - patress to be 450mm from PFL, 60mm between and patress to be.

NOTES

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All drawings to be read in conjunction with all contract documents and all structural steelwork drawings to be submitted to engineer for approval.

RIBA
Chartered Practice

SCALE

1:1	0mm	20mm	40mm	60mm
1:100	0m	2m	4m	6m
1:200	0m	4m	8m	12m
1:500	0m	10m	20m	30m

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06	Rm 0.11 revised	27.07.17	MW
05	Harrys updated	06.07.17	MW
04		20.06.17	MW
03		30.05.17	RC NH
02		19.05.17	RC NH
revision		date	author check

CLIENT	Butlins Skyline Ltd
PROJECT	St Josephs
DATE	May 2017
DRAWING TITLE	Electrical Ground Floor Blackbird C

DRAWING NO.	129 / 4.720	REVISION	06
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Existing Wall
New Wall

Electrical Symbols Legend

- Light switches - Dimmer
- Recessed light - spectrum
- LED greenwork wall light
- Surface mounted lights
- IP Surface mounted lights on PIR
- Barthone mounted light emergency on PIR
- Dim. Directional spotlight lining
- Sixty triple bar spotlight
- Double 13amp power point socket
- Double 13amp power point socket with USB
- Above counter double 13amp power point socket
- Cleaner socket lockable
- Smoke detector, L02 standard freestanding
- Optical head detector
- Electrician's (insulated with appropriate rated cables) Double Mains (110V)
- Radiator (CLIP to design site)
- Chromatone (patent) electricity breaker board and with switched fused outlet
- HVAC Hot Water cylinder
- Electricity meter box
- Continental service unit
- Magnetic Hold back with fire alarm indicator
- 2 Primary breaker switch
- Through zero voltage fan
- Greenwood airway out
- Extract hood, Extra, Cove 60cm magnet

Note: 13 amp sockets - patress - to be 450mm from FFL, 60mm between and patresses.

TV 13amp socket and data outlet patress to be 1050mm from FFL

Light switch patress to be 1050mm from FFL

Above counter sockets to be 1050mm from FFL

Note: ip denotes IP54 rated fixtures and fittings

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SCALE

1:1				@ A1			
0mm	20mm	40mm	60mm	0m	2m	4m	6m
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1200	0m	4m	8m	0m	10m	20m	30m
1500	0m	10m	20m	0m	10m	20m	30m

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06	Sloped corridor amended	06.11.17	NH	
05	Revised Layouts	07.11.17	NH	
04	Revised Layouts	02.11.17	MW	
03	Revised Layouts	14.07.17	MW	
02	New survey data	10.07.17	MW	
revision		date	author	check

CLIENT	St Josephs BR LLP
PROJECT	St Josephs
DATE	April 2017
DRAWING TITLE	Electrical Ground Floor St Josephs
DRAWING NO.	129 / 4.730
REVISION	06

Existing Wall
New Wall

Electrical Symbols Legend

- Light switches - Circuits
- Switched light - switched, Spectrum
- LED gooseneck wall light
- Surface mounted lights
- IP Surface mounted lights on PIP
- Surface mounted light emergency on PIP
- 3m Creeatable uplight fitting, 3way triple bar spotlight
- Double 13amp power point socket with USB
- Double 13amp power point socket
- Above counter double 13amp power point socket
- Chester socket available
- Smoke detector, LDC standard firealarm
- Optical heat detector
- Electric Radiator (included with appropriate fused outlet) Complete Memory (11.50kw)
- Radiator (C/D/P to design etc)
- Combination (water + heating) heated towel rail with switched fused outlet
- HWC Hot Water cylinder
- Electricity meter box
- Consumer service unit
- Magnetron Hot back with fire alarm release
- 2 Rotary isolator switch
- Through wall extractor fan
- Greenwood alarm, c/o2
- External door, Elcos over 60mm magnet

Note: 13 amp sockets - pattern to be 450mm from FFL, 50mm between and patterns

TV 13amp socket and data outlet patterns to be 1050mm from FFL

Light switch pattern to be 1050mm from FFL

Above counter sockets to be 1950mm from FFL

Note: ip denotes IP54 rated fixtures and fittings

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1:100	0m	4m	8m	12m
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05	Revised Layouts	07.11.17	NH
04	Revised Layouts	02.11.17	MW
03	Revised Layouts	14.07.17	MW
02	New survey data	10.07.17	MW
revision		date	author

CLIENT	St Josephs BR LLP
PROJECT	St Josephs
DATE	April 2017
DRAWING TITLE	Electrical Ground Floor St Josephs

DRAWING NO.	129 / 4.730	REVISION	05
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- Existing Wall
New Wall
Existing Wall Re-lined

Electrical Symbols Legend

- Light switch - Gimmie
Blindside light - Gimmie
LED goose-neck wall light
Surface mounted lights
IP Surface mounted lights (no PIP)
Surface mounted light emergency on PIR
3in. Directable spotlight
3in. Directable spotlight
Double 13amp power point socket
Double 13amp power point socket with USB
Cleaner socket lockable
Smoke detector L02 standard fire alarm
Optical heat detector
Electric Radiator (installed with appropriate supply outlet) Designer Monterey (11/22kw)
Plasma VCOF to design site
Combination (water + electric) heated towel rail with switched fused outlet
Hvac Hot Water cylinder
Electrically metered box
Consumer service unit
Through wall extractor fan
Greenhouse supply unit
Extract hood Extra love 60cm magnet

Note: 13 amp sockets - pattern to be 450mm from PFL 50mm between and patters

TV 13amp socket and data outlet patters to be 1050mm from PFL

Light switch patters to be 1050mm from PFL

Above counter sockets to be 1050mm from PFL

Note: ip decore IP54 rated fixtures and fittings

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SCALE

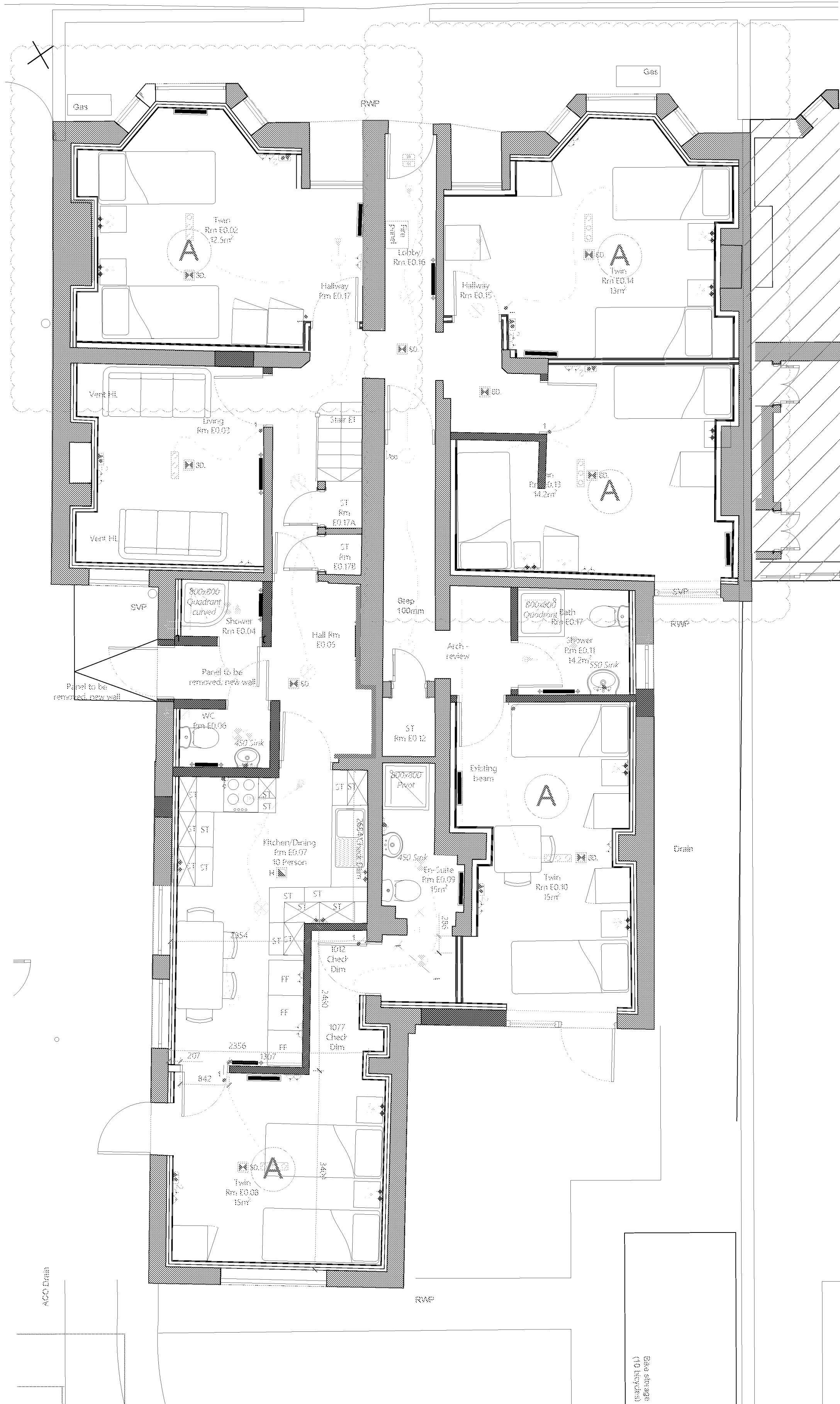
1:1 @ A1

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1:100	0m	2m	4m	6m
1:200	0m	4m	8m	12m
1:500	0m	10m	20m	30m

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05	Revised Layouts	17.09.17	NH	
04	Revised Layouts	24.08.17	JH	
03	Revised Layouts	14.07.17	MW	
02	New survey data	16.07.17	MW	
revision		date	author	check

CLIENT	Butlins Skyline Ltd
PROJECT	St Josephs
DATE	April 2017
DRAWING TITLE	Electrical Ground Floor Essex H
DRAWING NO.	129 / 4.710
REVISION	05



APPROVAL					
Version	Name		Position	Date	Modifications
1	Author	HMJ	Consultant	12/12/2017	
	Checked by	HM	Principal Consultant	12/12/2017	
	Approved by	HM	Principal Consultant	12/12/2017	
2	Author	HMJ	Consultant	DD/MM/YY	Updated with team comments
	Checked by	HM	Principal Consultant	DD/MM/YY	
	Approved by	HM	Principal Consultant	DD/MM/YY	

