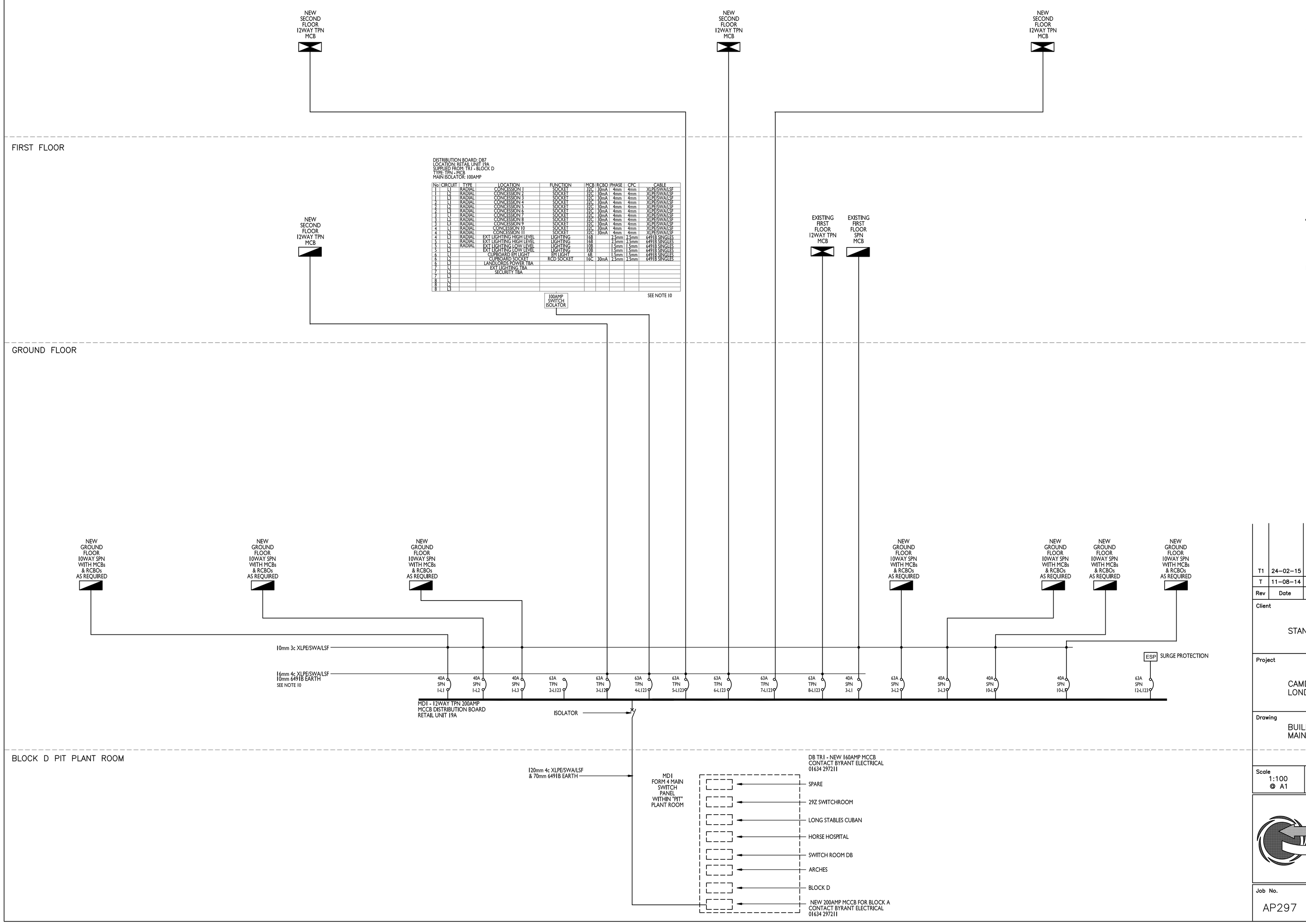
A1

RELATED DRAWINGS & SPECFICATIONS SCHEDULE (AT TIME OF ISSUE)

*	OPTIMA	AP297-E-50-T	BLOCK A-ELECTRICAL SERVICES SCHEMATIC *
	OPTIMA	AP297-E-100-T	BLOCK A-EXISTING SERVICES FRONT ELEVATION
	OPTIMA	AP297-E-200-T	BLOCK A-SERVICES ELECTRICAL GROUND, FIRST & SECOND
	OPTIMA	AP297-M-201-T	BLOCK A-SERVICES MECHANICAL GROUND, FIRST & SECOND
	OPTIMA	AP297-E-300-T	BLOCK A-SERVICES FRONT & REAR ELEVATION
	OPTIMA	AP297-JULY 2014	BLOCK A-MECHANICAL & ELECTRICAL SPECIFICATION

1) Drawing and design Copyright.
2) Figured dimensions only are to be used.
3) All dimensions to be checked on site, differences between drawings and specification or bills of quantities to be referred to OPTIMA B.E.S. Ltd.
4) All electrical services shall be installed as per the requirements of BS 7671 IET: 2008 + A1 2011 Wiring Regulation.
5) As per the requirements of BS 7671 IET: 2008 + A1 2011 Wiring Regulation. additional RCD protection is required to all socket outlets not exceeding 20amps. The only exception is a particular piece of equipment specifically labelled or suitable identified. The electrical contractor must obtain approval from OPTIMA B.E.S Ltd before installing a socket supplying such equipment.
6) As per the requirements of BS 7671 IET: 2008 + A1 2011 Wiring Regulation. Additional RCD protection is required to all socket outlets not exceeding 32amps for external installations.
7) As per the requirements of BS 7671 IET: 2008 + A1 2011 Wiring Regulation. Additional RCD protection is required to special installations and locations as descibe in Part 7. i.e pools & saunas.
8) As per the requirements of BS 7671 IET: 2008 + A1 2011 Wiring Regulation. Additional RCD protection is required to all circuits, including shower and lighting circuits with fixed bath, shower or en-suite bathrooms.
9) As per the requirements of BS 7671 IET: 2008 + A1 2011 Wiring Regulation. Where a cable is concealed within a partition wall at a depth less than 50mm from the surface and not provided with mechanical protection i.e metal conduit, additional 30mA RCD protection is required.
10) All cable sizes are indicative only. It is the responsibility of the electrical contractor to ensure the cabling is sized to the requirements of BS 7671 Wiring Regulations and current amendments.



DISTRIBUTION BOARD: DB7
LOCATION: RETAIL UNIT 19A
SUPPLIED FROM: TR1 - BLOCK D
TYPE TPN + MCB
MAIN ISOLATOR: 100AMP

No	CIRCUIT	TYPE	LOCATION	FUNCTION	MCB	RCBO	PHASE	CPC	CABLE
1	L1	RADIAL	CONCESSION 1	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
1	L2	RADIAL	CONCESSION 2	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
1	L3	RADIAL	CONCESSION 3	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
2	L1	RADIAL	CONCESSION 4	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
2	L2	RADIAL	CONCESSION 5	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
2	L3	RADIAL	CONCESSION 6	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
3	L1	RADIAL	CONCESSION 7	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
3	L2	RADIAL	CONCESSION 8	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
3	L3	RADIAL	CONCESSION 9	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
4	L1	RADIAL	CONCESSION 10	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
4	L2	RADIAL	CONCESSION 11	SOCKET	32C	30mA	4mm	4mm	XLPE/SWA/LSF
4	L3	RADIAL	EXT LIGHTING HIGH LEVEL	LIGHTING	16B		2.5mm	2.5mm	6491B SINGLES
5	L1	RADIAL	EXT LIGHTING HIGH LEVEL	LIGHTING	16B		2.5mm	2.5mm	6491B SINGLES
5	L2	RADIAL	EXT LIGHTING LOW LEVEL	LIGHTING	10B		1.5mm	1.5mm	6491B SINGLES
5	L3		EXT LIGHTING LOW LEVEL	LIGHTING	10B		1.5mm	1.5mm	6491B SINGLES
6	L1		CUPBOARD FIX LIGHT	EM LIGHT	6B		1.5mm	1.5mm	6491B SINGLES
6	L2		CUPBOARD SOCKET	RCD SOCKET	16C	30mA	2.5mm	2.5mm	6491B SINGLES
6	L3		LANDLORDS POWER TBA						
7	L1		EXT LIGHTING TBA						
7	L2		SECURITY TBA						
7	L3								
8	L1								
8	L2								
8	L3								

Rev	Date	Details
T1	24-02-15	TENDER ISSUE DISTIBUTION ADAPTED FOR FUTURE
T	11-08-14	TENDER PROVISIONAL ISSUE

Client
STANLEY SIDINGS

Project
CAMDEN STABLES MARKET
LONDON

Drawing
BUILDING A ELECTICAL SERVICES
MAINS DISTRIBUTION SCHEMATIC

Scale	Date	Drawn	Checked
1:100 @ A1	July 2014	TA	DB

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Job No.	Drawing No.	Revision
AP297	E50	T1