A0



REFERENCE E2;
DEXTRA LIGHTING
BRASS ESCAPE ROUTE SIGNAGE



REFERENCE E3;
LED4S NM3 LE3 LED4S SURFACE,
NON-MAINTAINED, STANDARD
EMERGENCY 3 HOUR, 217LLM

LIGHTING CONTROLS LEGEND

SYMBOL	DESCRIPTION
IP65	ONE WAY GRID SWITCH
	TWO WAY GRID SWITCH
	INTERMEDIATE GRID SWITCH
ISM	360° SURFACE MOUNTED PIR
LT	DEXTRA LONG THROW SENSOR

DRAWING NOTES

SYMBOL	DESCRIPTION
	BLUE RING HIGHLIGHTS THE INTRODUCTION OF IMPROVED FIRE DETECTION DEVICES LOCATION ALONGSIDE THE NEW DEVICES WHICH ARE LOCATED IN EXISTING POSITION. THERE ARE A NUMBER OF CALL POINTS THAT ARE WIRELESS DEVICES THAT DO NOT REQUIRE ANY CABLING.

POWER NOTES

SYMBOL	DESCRIPTION
1	THE CONTRACTOR SHALL NOTE THAT THE EXISTING LOCATION OF THE SOCKET OUTLET IN THE DECORATIVE SKIRTING BOARD MUST BE RE-USED.
2	THE CONTRACTOR SHALL NOTE THAT ANY NEW LOCATIONS OF SOCKET OUTLETS SHALL BE APPROVED BY THE CONTRACT ADMINISTRATOR & WIRED IN BARE MCC CABLE CLIPPED ONTO THE SKIRTING BOARD OR TOP OF SKIRTING, PAINTED TO THE WALL & SKIRTING COLOUR RANGE.
3	THE CONTRACTOR SHALL INCLUDE TO SUPPLY & INSTALL UNISTRUT STRUCTURE AND HOUR FIRE RATED 18mm PLYWOOD - EURO CLASS B FULL HEIGHT, WIDTH OF WALL.

LIGHTING NOTES

SYMBOL	DESCRIPTION
1	THE CONTRACTOR SHALL INCLUDE TO TAKE DOWN EXISTING FITTINGS, TAKE TO CHELSOM, CLEAN, REWIRE, RE-LAMP WITH LED, RETURN TO HEATON HALL AND INSTALL.
2	THE CONTRACTOR SHALL INCLUDE TO TAKE DOWN EXISTING FITTING FROM ROOM, TAKE TO CHELSOM, CLEAN, REWIRE, RE-LAMP WITH LED, RETURN TO HEATON HALL AND INSTALL TO ANOTHER ROOM.
3	THE CONTRACTOR SHALL INCLUDE TO SUPPLY AND INSTALL NEW LED LUMINAIRE AS PER CHELSOM SCHEDULE AND REMOVE & HAND OVER ALL EXISTING TO HEATON HALL
4	DETAILS OF DECORATIVE LIGHTING, PENDANTS & CHANDELIERS ARE DETAILED IN THE LIGHTING SCHEDULE WITHIN THE SPECIFICATION BOTH NEW & REFURBISHED LUMINAIRES.

SMALL POWER LEGEND

SYMBOL	DESCRIPTION
	13 AMP SWITCHED FUSED SPUR CONNECTION UNIT
	30 mA RCD SINGLE SWITCHED SOCKET OUTLET
	30 mA RCD TWIN SWITCHED SOCKET OUTLET

PLANT CONTROL LEGEND

SYMBOL	DESCRIPTION
PCP	PLANT CONTROL PANEL

DRAWING NOTES

SYMBOL	DESCRIPTION
1	THE CONTRACTOR SHALL INCLUDE TO SUPPLY AND INSTALL NEW UNISTRUT AND HOUR FIRE RATED PLYWOOD PANEL ACROSS THE FULL LENGTH AND HEIGHT OF THE WALL.

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
	20A SECRET KEY SWITCHED FUSED CONNECTION UNIT METAL CLAD FINISHED IN RED
FAP	FIRE ALARM PANEL
T	WIRELESS TRANSMITER

INTRUDER ALARM LEGEND

SYMBOL	DESCRIPTION
	CONTROL PANEL
IA PSU	POWER SUPPLY UNIT
EXP	REMOTE ZONE EXPANDER

INTRUDER ALARM LEGEND

SYMBOL	DESCRIPTION
IA PSU	INTRUDER ALARM POWER SUPPLY UNIT

LIGHTING LEGEND

SYMBOL	DESCRIPTION
	DECORATIVE SQUARE BULKHEAD
	ARCHITECTURAL CHANDELIER
	ARCHITECTURAL DECORATIVE PENDANT
	ARCHITECTURAL STAIRWELL BANISTER LIGHT
	PENDANT LUMINAIRE (SUPPLIED BY CLIENT)
	SURFACE WALL MOUNTED LUMINAIRE
	DEXTRA SURFACE MOUNTED DALI TRACK 3 CIRCUIT TRACK LIGHTING (WHITE)
	EXISTING RECESSED SQUARE SPOTS
	ARCHITECTURAL CIRCULAR DECORATIVE BULKHEAD
AP	ACCESS PANEL

CONTAINMENT LEGEND

SYMBOL	DESCRIPTION
T	GALVANISED STEEL TRUNKING
	GALVANISED STEEL *1/2/3/4* COMPARTMENT TRUNKING DROPARRISER
	200mm GALVANISED STEEL BASKET WITH 2no DIVIDER (POSSIBLE CLIPPED DIRECT FOLLOWING CONTRACTOR ADMINISTRATORS APPROVAL)
	300mm GALVANISED CABLE BASKET WITH 2no DIVIDER FOR BAND ONE, BAND TWO AND FIRE ALARM CABLES
	VERTICAL RISER FOR CONTAINMENT TO ELECTRICAL DISTRIBUTION BOARDS BETWEEN FLOOR
	TP&N / SP&N DISTRIBUTION BOARD *L/P / L / P / D / CCTV*
	CONSUMER UNIT *L/P / L / P / D / CCTV*
	SP&N ROTARY ISOLATOR
	200mm GALVANISED STEEL BASKET WITH 2no DIVIDER IN CEILING VOID
E	FISH WIRES THROUGH FLOOR VOID (CLIPPED DIRECT IN WEST WING)

UTILITIES LEGEND

SYMBOL	DESCRIPTION
M	ELECTRICITY METER
G	GAS METER

FIXED EQUIPMENT LEGEND

SYMBOL	DESCRIPTION
	SUPPLY / EXTRACT FAN

MAINS DISTRIBUTION LEGEND

SYMBOL	DESCRIPTION
	MAIN SWITCHBOARD
	TP&N DISTRIBUTION BOARD
C	CONTACTOR
	TRANSFORMER
	CONSUMER UNIT
	SP&N ROTARY ISOLATOR

GENERAL NOTES

1	THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ECS ELECTRICAL ENGINEERING SPECIFICATIONS.
2	THIS DRAWING IS INDICATIVE AND IS INTENDED TO HIGHLIGHT THE PROPOSED LOCATION FOR ELECTRICAL SERVICES. THE CONTRACTOR SHALL NOTE THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHALL INCLUDE TO PRODUCE THEIR OWN WORKING DRAWINGS, TAKE DETAILED SITE MEASUREMENTS, INDICATE THE PROVISION OF BUILDERS WORKS AND COORDINATE THE INSTALLATION OF ALL SERVICES.
3	THE CONTRACTOR SHALL NOTE THIS DRAWING HAS BEEN PRODUCED USING LIMITED SITE SURVEY INFORMATION. THE CONTRACTOR SHALL INCLUDE TO CARRY OUT AN INTRUSIVE SURVEY AND TO PRODUCE DRAWINGS THAT REFLECT THE INSTALLATION.
4	ALL EQUIPMENT SHALL BE INSTALLED & LOCATED TO MAINTAIN SPATIAL REQUIREMENTS TO FACILITATE ACCESS & MAINTENANCE IN LINE WITH MANUFACTURERS RECOMMENDATIONS AND GOOD PRACTICE GUIDES.
5	ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS GUIDELINES.
6	DO NOT SCALE FROM THIS DRAWING.
7	ALL DETAILS ARE APPLICABLE TO EVERY DRAWING UNLESS INDICATED OTHERWISE.
8	THE CONTRACTOR SHALL INCLUDE TO IDENTIFY THE COMPLETE EXISTING ELECTRICAL INSTALLATION, EXTEND AND ADAPT TO FACILITATE THE PROPOSED WORKS

ABBREVIATIONS

/E	INTEGRATED EMERGENCY
IP**	DENOTES PROTECTION RATING
MC	METAL CLAD
RCD	RESIDUAL CURRENT DEVICE

LIGHTING LEGEND

SYMBOL	DESCRIPTION
A1	DEXTRA LIGHTING AMENITY PLUS IP65 LED BULKHEAD OPEN WHITE OPAL 1.947m (22.3W) REF: AMEX L30 - OW
A1/E	AS ABOVE C/W 3 HOUR EMERGENCY LIGHTING FACILITY REF: AMEX L30 - OW - LE3
A2	DEXTRA LIGHTING AMENITY EXTERIOR IP65 LED BULKHEAD C/W INTEGRAL PRESENCE SENSOR OPEN WHITE OPAL1.947m REF: AMEX L30 - OW - R2SE
A2/E	AS ABOVE C/W 3 HOUR EMERGENCY LIGHTING FACILITY REF: AMEX L30 - OW - R2SE - LE3
B1	DEXTRA LIGHTING TYPHON IP65 LINEAR 31.7W LED LUMINAIRE REF: TYP L54 PC55
B1/E	AS ABOVE WITH 3 HOUR EMERGENCY LIGHTING FACILITY REF: TYP L54 PC55 LE3
B2	DEXTRA LIGHTING TYPHON IP65 LINEAR 31.7W LED LUMINAIRE C/W INTEGRAL PRESENCE SENSOR REF: TYP L54 PC55 R2SE
B2/E	AS ABOVE WITH 3 HOUR EMERGENCY LIGHTING FACILITY REF: TYP L53/PC55/R2SE/LE3
C1	DEXTRA LIGHTING AMENITY DECORATIVE HALO RANGE 19.7W/118LM/W C/W INTEGRAL PRESENCE DETECTOR. REF: AMEDHL30/R2SE
C1/E	AS ABOVE WITH 3 HOUR EMERGENCY LIGHTING FACILITY REF: AMEDHL30/R2SE/LE3
D1	DEXTRA LIGHTING AMENITY PLUS CIRCULAR WHITE OPAL 14W (115LM/W) REF: AMCL20WO
D1/E	AS ABOVE WITH 3 HOUR EMERGENCY LIGHTING FACILITY REF: AMCL20WO/LE3
Y1	DEXTRAL LIGHTING - LED COLOUR CODE. 130WATT RGBW C8A048/RDM/407/IP65/RAL 9006/ 410 x 310 x 60. REFERENCE CGE L130 - 4040-RGBW INCLUDING ALL CABLE POLES, PINS, CONTROLS ETC AS HIGHLIGHTED IN SPECIFICATION SECTION FOR EXTERNAL LIGHTING
X1	CONTRACTOR TO INCLUDE £200 PER LUMINAIRE (SUPPLY ONE). INCLUDE FOR INSTALLATION AND FINAL CONNECTIONS.
E1	EMERGENCY EXIT LUMINAIRE
E2	BRASS ESCAPE ROUTE SIGNAGE
E3	LED4S NM3 LE3 LED4S SURFACE, NON-MAINTAINED, STANDARD EMERGENCY 3 HOUR, 217LLM

Continued on Drawing No. 24/100/E/03

Continued on Drawing No. 24/100/E/05

FED FROM BASEMENT. REQUIRES HOLSTER DRILLING

WIRED FROM BEDROOM FLOOR VOID

EXISTING RECESSED SQUARE SPOTS TO BE REPLACED WITH NEW PIR TIMECLOCK PIR

NEW LANTERN OR REFURBISH EXISTING LSI/01/4

ENTRANCE HALL CG.1

LIGHTING FED FROM FIRST FLOOR VOID

UNABLE TO FIND ROUTE POSSIBLE BACK TO BACK OR REMOVE

LIGHTING FED FROM FIRST FLOOR VOID

FED FROM BASEMENT. REQUIRES HOLSTER DRILLING

LIGHTING FED FROM FIRST FLOOR VOID

FITTED CUPBOARD

DB REQUIRES LARGE HOLE IN FLOOR FOR NEW CIRCUITS

FED FROM BASEMENT. REQUIRES HOLSTER DRILLING

UNABLE TO FIND ROUTE REMOVE

LIGHTING FED FROM BASEMENT. UNABLE TO FIND SUPPLY CABLE BELOW

(RESTORE EXISTING ON SITE - SHADE TO BE REPLACED WITH FLAMBEAU GLASS)

(RESTORE EXISTING ON SITE - SHADE TO BE REPLACED WITH FLAMBEAU GLASS)

SOLID FLOOR. NO ACCESS

GRAND STAIRCASE CG.S1

SURFACE CLIPPED SUPPLES

ROUTES TO BASEMENT

IN WALL?

DRILL INTO FLOOR VOID IN MICC CABLE

ROUTE TO BASEMENT

RELOCATE TO PALM TREE BEDROOM

RELOCATE TO EAST BEDROOM

ALL LIGHTING FED FROM FIRST FLOOR DBs

FED FROM BASEMENT USING EXISTING HOLE

EXISTING SOCKET ON SKIRT

(NEW CHANDELIER) LSI/02/5

DINING ROOM CG.6

EXISTING CHANDELIER RELOCATED TO SALOON CIRCULATION AREA

SALOON CG.5

(REFURB EXISTING CHANDELIER) LSI/02/5

LIGHTING FED FROM FIRST FLOOR VOID

NEW

DRILL WALL AND SKIRTING BOARD 25mm

ROUTE TO BASEMENT

DRILL WALL AND SKIRTING BOARD 25mm

DRILL INTO FLOOR VOID IN MICC CABLE

FISH WIRES THROUGH FLOOR VOID

EXISTING GLOBE REFURBISHMENT LSI/01/4

MORNING ROOM

LIGHTING FED FROM FIRST FLOOR VOID

FISH WIRES THROUGH FLOOR VOID

RELOCATE TO STAIRWELL

DRILL WALL AND SKIRTING BOARD 25mm

FISH FEED ACROSS FLOOR VOID

MOVE EXISTING PENDANT TO INNER HALL VOID

INSTALL REFURBISHED HANGING LAMP FROM LIBRARY LSI/01/1

INNER HALL CG.3

FED FROM BASEMENT USING EXISTING HOLE

ROUTE TO BASEMENT

(REFURB EXISTING CHANDELIER) LSI/01/5

MUSIC ROOM EG.4

ACCESS TO CHANDELIER VIA ROOF LEVEL HATCH

FISH WIRES THROUGH FLOOR VOID

BILLIARDS ROOM CG.4

NEW 900mm CLASSIC PENDANT IN COPPER BRONZE FINISH

LSI/01/5

DRILL INTO FLOOR VOID IN MICC CABLE

FISH WIRES THROUGH FLOOR VOID

DRILL WALL AND SKIRTING BOARD 25mm

LOGGIA

BASEMENT CRAWL SPACE EXCLUSIVELY FOR HIGHLIGHTED AREA

FISH WIRES THROUGH FLOOR VOID LP02/6/L1

ROUTE TO BASEMENT

LIGHTING TRACK NOTE

DEXTRA LIGHTING HI TRACK SURFACE/SUSPENDED COMPLETE WITH HI TRACK SPOT & EMERGENCY LIGHTING UNIT.

32No. HTV L30 40 TRACK MOUNTED LUMINAIRE 40° BEAM 19.06W 2180LM

4No. EX1 TRACK EMERGENCY LIGHT 3HR FACILITY 1 REF RTRK NM3 - HTV L30 40/C83 2.3W

LIGHTING TRACK FED FROM FIRST FLOOR DB

ACCESS TO BELOW VIA BASEMENT CRAWL SPACE ONLY

REFER TO SWITCHING ARRANGEMENTS FOR DECORATIVE LIGHTING TABLE

RELOCATE TO FIRST FLOOR

LSI/01/1 NEW POINT FIX AND FED FROM LOFT

EXISTING LIGHT FROM SWITCH

FED FROM BASEMENT USING EXISTING HOLE

CCTV 8 PORT SWITCH

NEW POINTS WIRED FROM ABOVE

SANTE ROOM

TO LIBRARY EG.2

ROUTE TO BASEMENT NEEDS MAKING WIDER

NO ACCESS ABOVE/BELOW

FISH WIRES THROUGH FLOOR VOID

DRILL WALL AND SKIRTING BOARD 25mm

DRILL INTO FLOOR VOID IN MICC CABLE

(NEW CHANDELIER) LSI/01/2

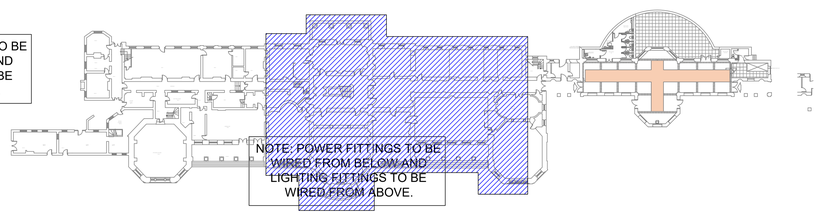
UPPER CEILING

LIBRARY

(RELOCATE EXISTING LUMINAIRE TO INNER HALL AFTER REFURB)

SWITCHING FOR DECORATIVE LIGHTING (12 GANG/WAY GRID SWITCH) FROM LSI/01			
1	INNER HALL	1.5	FROM INVERTER/DIST BOARD
2	STAIRCASE PENDANT DROP	1.5	FROM INVERTER/DIST BOARD
3	GROUND FLOOR CORRIDOR	1.5	FROM INVERTER/DIST BOARD
4	ENTRANCE HALL	1.5	FROM INVERTER/DIST BOARD
5	BILLIARDS ROOM	1.5	FROM INVERTER/DIST BOARD
6	LIBRARY	1.5	FROM INVERTER/DIST BOARD
7	MUSIC ROOM	1.5	FROM INVERTER/DIST BOARD
8	GRAND STAIRCASE BOTTOM	1.5	FROM INVERTER/DIST BOARD
9	GRAND STAIRCASE TOP	1.5	FROM INVERTER/DIST BOARD
10	MORNING ROOM	1.5	FROM INVERTER/DIST BOARD
11	STAIRCASE TO BASEMENT	1.5	FROM INVERTER/DIST BOARD

NOTE: POWER FITTINGS TO BE WIRED FROM BELOW AND LIGHTING FITTINGS TO BE WIRED FROM ABOVE.



NOTE: POWER FITTINGS TO BE WIRED FROM BELOW AND LIGHTING FITTINGS TO BE WIRED FROM ABOVE.

GROUND FLOOR PLAN

CAD original - not to be modified by hand

Rev.	Description	Revised By	Date
T3	TENDER ISSUE.	G.M.	May. 24
T2	TENDER ISSUE.	G.M.	Jan. 24
T1	TENDER ISSUE.	G.M.	Nov. 23

STATUS

TENDER

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JOB NO.	DRAWING NO.	COMPUTER FILE	REVISION
24/100	24/100/E/04	24_100_E_04	T3
DATE	SCALE	DRAWN	CHECKED
Feb. 2022	1:50 @ A0	J.P.	G.M.

JOB TITLE
Heaton Park Hall MCC
Planners Infomation

DRAWING TITLE
Ground Floor
Central Proposed
Lighting & Power