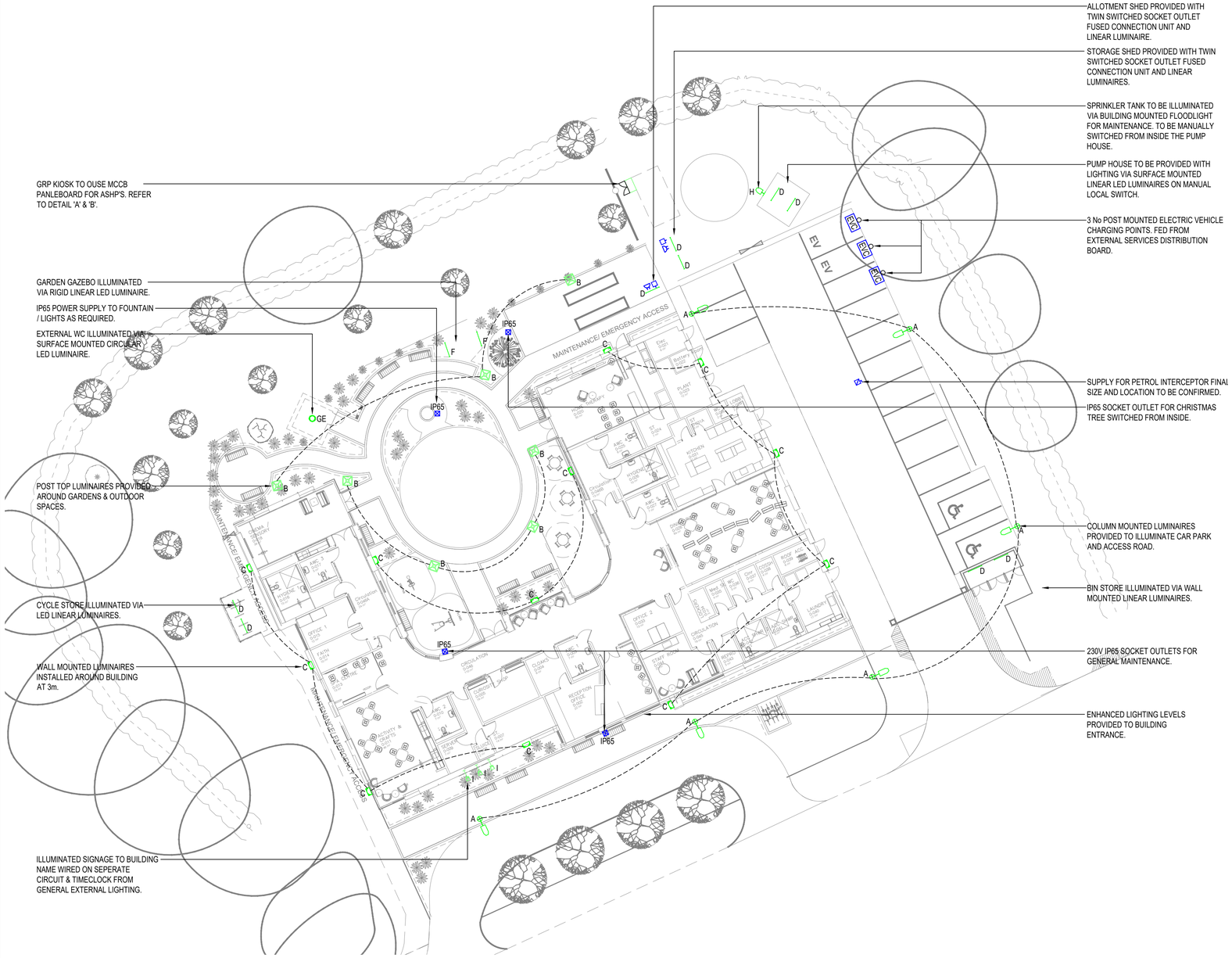
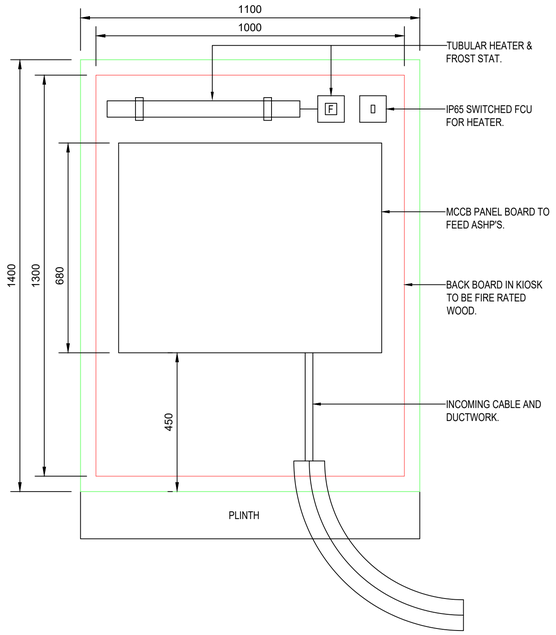
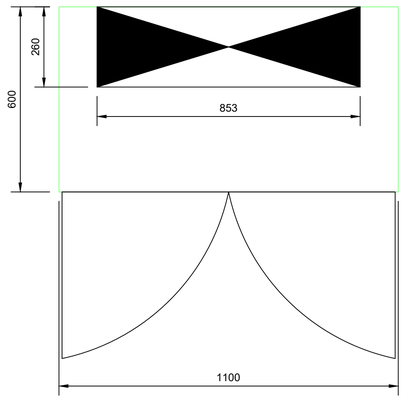
All dimensions in millimetres unless otherwise stated. This drawing is copyright of Engineering Services Design Limited and must not be copied or reproduced without prior written approval of Engineering Services Design Limited.©



DETAIL 'A' GRP KIOSK SECTION



DETAIL 'B' GRP KIOSK PLAN VIEW



NOTES

1. ALL SERVICE ROUTES DETAILED ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT ROUTES AND POSITIONS OF ALL INSTALLED SERVICES AND EQUIPMENT.
2. THE EXACT POSITION OF ALL SERVICES AND EQUIPMENT SHALL BE AGREED BY THE CONTRACT ADMINISTRATOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY CO-ORDINATING ANY SERVICES INSTALLED WITH THE BUILDING AND SERVICES INSTALLED BY OTHERS.
4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACT DOCUMENTATION, SCHEDULES AND SPECIFICATION FOR THE WORKS.
5. ALL DIMENSIONS SHOWN ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
6. DO NOT SCALE FROM THIS DRAWING.
7. THE ELECTRICAL INSTALLATION SHALL BE IN INSTALLED ACCORDANCE WITH THE 18TH EDITION OF IEE WIRING REGULATIONS BS7671 (REQUIREMENTS FOR ELECTRICAL INSTALLATIONS).
8. THE CONTRACTOR SHALL SUPPLY AND INSTALL A COMPLETE AND COORDINATED EXTERNAL LIGHTING AS TYPICALLY DEPICTED ON THIS DRAWING.
9. THIS DRAWING DOES NOT DEPICT THE EXISTING INGROUND SITE SERVICES AROUND THE SITE.
10. ALL LUMINAIRES SHALL BE OF THE ENERGY EFFICIENT LED TYPE. EXTERNAL COLUMN LUMINAIRES SHALL BE SUPPLIED VIA XLPW/SWA/LS0H CABLES INSTALLED IN BURIED PVC CABLE DUCTS.
11. BUILDING MOUNTED LUMINAIRES SHALL BE WIRED FROM INSIDE THE BUILDING AND NO CIRCUITRY SHALL BE VISIBLE FORM THE OUTSIDE.
12. EXTERNAL LIGHTING CIRCUITS SHALL BE SUPPLIED FROM THE EXTERNAL SERVICES DISTRIBUTION BOARD AND SHALL BE TIMECLOCK AND PHOTOCELL CONTROLLED.
13. BUILDING MOUNTED LUMINAIRE AND COLUMN LUMINAIRES SHALL BE PROVIDED WITH SEPARATE TIMECLOCK CONTROLS TO ALLOW SEPARATE SETTINGS TO BE PROVIDED.

LEGEND

- DECORATIVE POST TOP LUMINAIRE
- COLUMN MOUNTED LUMINAIRE
- WALL MOUNTED LUMINAIRE
- SURFACE MOUNTED LINEAR LUMINAIRE
- EVC — POST MOUNTED ELECTRIC VEHICLE CHARGING PONT - AS ROLEC QUANTUM 7.2k (32A SINGLE PHASE - APP BASED PAYMENT).

LUMINAIRE SCHEDULE

REF	MANUFACTURER	PRODUCT DESCRIPTION	IMAGE
A	DW WINDSOR	COLUMN MOUNTED LUMINAIRE 6m. AS DW WINDSOR KIRIUM PRO 1.	
B	DW WINDSOR	DECORATIVE POST TOP LUMINAIRE 5m. AS DW WINDSOR MILANO CLASSIC.	
C	DW WINDSOR	WALL MOUNTED LED LUMINAIRE 2.7m. AS DW WINDSOR KIRIUM WALL.	
D	DEXTRA	IP65 SURFACE MOUNTED LINEAR LUMINAIRE. AS DEXTRA LIGHTING TYPHON.	
F	DEXTRA	IP67 SURFACE MOUNTED RIGID LINEAR LED STRIPS. AS DEXTRA LIGHTING ALULED.	
G	DEXTRA	CIRCULAR SURFACE MOUNTED LED LUMINAIRE. AS DEXTRA LIGHTING AMENITY DECORATIVE.	
H	DEXTRA	WALL MOUNTED LED FLOODLIGHT WITH ADJUSTABLE BRACKET. AS DEXTRA LIGHTING OPUS 2.	
I	SLV	WALL MOUNTED DISPLAY LIGHTING. AS SLV TODAY PRO	
E	DENOTES LUMINAIRE C/W WITH 3 HR EMERGENCY BATTERY PACK.		

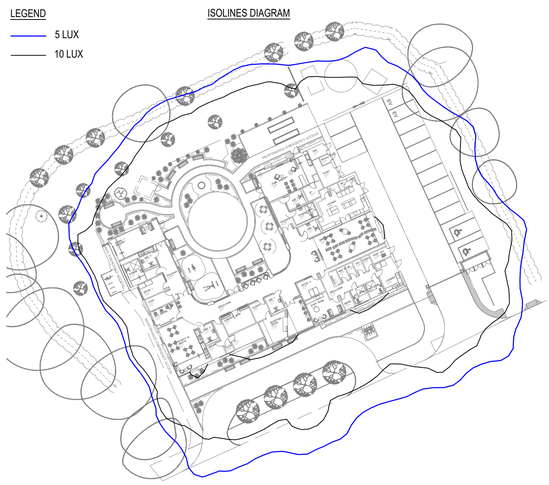
LUX LEVELS

REFERENCE	TARGET ILLUMINATION (LUX)	TARGET UNIFORMITY (Uo)
CAR PARK	20	0.5
ACCESS ROAD	20	0.5
PAVEMENTS & WALKWAYS	15	0.5
WALKWAYS TO REAR	20	0.5
ACTIVITY AREAS	20	0.5

LEGEND

- 5 LUX
- 10 LUX

ISOLINES DIAGRAM



REV	DESCRIPTION	DATE	DRAWN	APPROVED
P5	PRELIMINARY ISSUE – UPDATED SITE PLAN	26.01.22	CL	RG
P4	PRELIMINARY ISSUE – UPDATED TO SUIT NEW LAYOUT	21.01.22	JJ	RG
P3	PRELIMINARY ISSUE	18.11.21	JJ	RG
P2	PRELIMINARY ISSUE	15.11.21	JJ	RG
P1	PRELIMINARY ISSUE	12.11.21	JJ	RG

PRELIMINARY

Kirklees COUNCIL

PROJECT
THE HOMESTEAD
DEMENTIA CARE CENTRE

DRAWING TITLE
ELECTRICAL SERVICES
PROPOSED EXTERNAL LIGHTING LAYOUT

ENGINEERING SERVICES DESIGN LIMITED
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 3. BROOKLANDS PLACE
BROOKLANDS ROAD
SALE. M33 3SD.
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esd Engineering Services Design

DRAWN	JJ	DATE	NOV' 21
CHECKED	MK	DATE	NOV' 21
APPROVED	RG	DATE	NOV' 21
		SCALE	1:200@A1

DRAWING NO. 20309-ESD-01-XX-DR-E-6900 REV P5