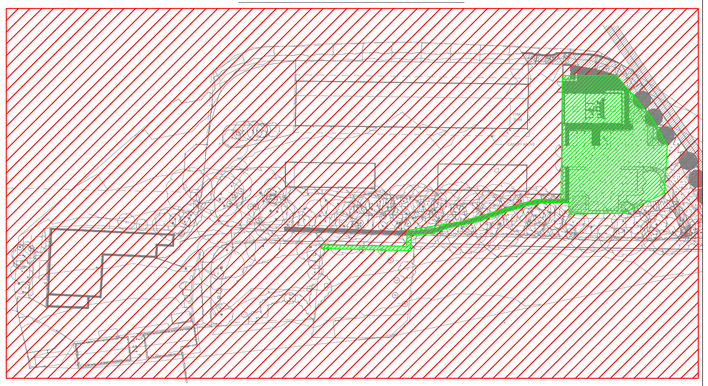
SCOPE OF WORK MAP



AREA OUT OF SCOPE FOR EXTERNAL LIGHTING DESIGN

AREA IN SCOPE FOR EXTERNAL LIGHTING DESIGN

PARTICULAR NOTES:

1. EXTERNAL LUMINAIRES WILL BE CONTROLLED VIA A 3-POSITION TIME CLOCK + PHOTOCELL ARRANGEMENT WITH A MANUAL OVERRIDE OPTION. THIS WILL PROVIDE SUITABLE CONTROL FOR LIGHTING OPERATIONS AND LIGHTING LEVELS THAT WILL SUIT BOTH THE LOCAL ENVIRONMENTAL AND END USER REQUIREMENTS.

THERE WILL ALSO BE A SEPARATE "PUSH TO ENERGIZE" BUTTON ON THE MAIN FINAL EXIT FROM THE BUILDING IN ORDER TO ENABLE THE LAST PERSON(S) TO SAFELY GET TO THEIR VEHICLE IN THE CAR PARK IN AN ILLUMINATED SPACE FOR A PRE-DETERMINED TIME, E.G. 10 MINUTES.

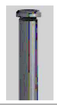
2. CABLING FOR THE EXTERNAL LIGHTING (WITH EXCEPTION TO THE BUILDING MOUNTED LUMINAIRES), WILL BE WIRED IN MULTI-CORE XLPE/SWA/LSF AND WILL BE ROUTED VIA AN IN-GROUND DUCT NETWORK. THE DUCTING WILL BE APPROPRIATELY SEALED AT BOTH THE START AND END POINTS, WITH A DRAW WIRE IN LEFT IN PLACE.

NOTE: DRAW PIT REQUIREMENTS WILL BE PROVIDED AS THE DESIGN PROGRESSES.

ISO LINES:

1.0 lx	17.0 lx
3.0 lx	19.0 lx
5.0 lx	21.0 lx
7.0 lx	23.0 lx
9.0 lx	25.0 lx
11.0 lx	27.0 lx
13.0 lx	29.0 lx
15.0 lx	30.0 lx

Luminaries Selection

Image	Symbol	Dimensions	Specification
	EX1	H x W x D 102 x 147 x 604	LUMEN: 1500 POWER CONSUMPTION: 15W DISTRIBUTIONS: MS25 IK RATING: IK10 IP RATING: IP65 COLOUR RANGE: 2700 MOUNTING HEIGHT: 4 METERS MANUFACTURER: ORANGETEK PRODUCT NAME: IGNIS MINI PLUS
	EX2	Diameter x Depth 285 x 150	LUMEN: 660 POWER CONSUMPTION: 7W IK RATING: IK10 IP RATING: IP65 COLOUR RANGE: 2700 MOUNTING HEIGHT: 1.8 METERS MANUFACTURER: THORN LIGHTING PRODUCT NAME:EYEKON LED
	EX3	Diameter x Depth 180mm x 900mm	LUMEN: 814 POWER CONSUMPTION: 11W IK RATING: IK10 IP RATING: IP65 COLOUR RANGE: 2700 MOUNTING HEIGHT: 1 METERS MANUFACTURER: ORANGETEK PRODUCT NAME: THE BARTON

NOTES: DO NOT SCALE

PURPOSE OF DRAWING:

- ☐ CONCEPT DRAWING
- ☑ DEVELOPED DESIGN DRAWING
- ☐ TECHNICAL DESIGN DRAWING

1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DOCUMENTS AND DRAWINGS PROVIDED BY WSP.
2. THE DRAWING INDICATES THE DESIGN INTENT FOR THE WORKS.
3. THE DRAWING DOES NOT INDICATE THE PRECISE POSITION OF SERVICES AND SHOWS THE INTENDED LOCATIONS OF BUILDING SERVICES ITEMS AND SERVICE ROUTES IN SUCH DETAIL AS TO INDICATE THE DESIGN. THE DRAWING DOES NOT SHOW ALL COMPONENTS THAT MAY BE NECESSARY TO LOCATE SERVICES IN A FULLY COORDINATED MANNER.
4. THE POSITIONS OF ALL CONNECTION POINTS, ACCESSORIES, EQUIPMENT AND OTHER BUILDING SERVICES ITEMS AS SHOWN ON THE DRAWING ARE APPROXIMATE AND FOR GUIDANCE IN THE PREPARATION OF THE TENDER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THE INSTALLATION AND SHALL TAKE ACCOUNT OF ALL OTHER WORKS AND TRADES EITHER DURING OR PRIOR TO THEIR INCORPORATION INTO THE WORKS.
6. COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
7. WSP IS NOT RESPONSIBLE FOR THE DESIGN AND CO-ORDINATION OF ACCESS PLATFORMS, ACCESS COVERS, GRATINGS, LADDERS, STAIRS, RAILS AND PROTECTING ELEMENTS REQUIRED FOR FUTURE MAINTENANCE AND OPERATION OF THE WORKS.
8. THE DRAWING SHALL BE USED FOR THE INTENDED PURPOSE ONLY AND WSP WILL NOT BE HELD RESPONSIBLE FOR ANY OTHER USE.
9. THE DRAWING HAS BEEN BASED ON INFORMATION PROVIDED BY THE PARTIES AND WSP DO NOT WARRANT THE ACCURACY OF THIS INFORMATION.

DIMENSIONS

1. DIMENSIONS SHALL NOT TO BE SCALED FROM THE DRAWING AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS AND LEVELS ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS.
2. WSP IS NOT RESPONSIBLE FOR CHECKING DIMENSIONS ON SITE.
3. WSP IS NOT RESPONSIBLE FOR SETTING OUT GRID LINES, BUILDING LINES ETC.
4. WSP IS NOT RESPONSIBLE FOR DIMENSIONS USED IN THE ORDERING AND MANUFACTURING OF EQUIPMENT AND THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

HEALTH AND SAFETY

1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE HEALTH AND SAFETY INFORMATION PROVIDED IN THE TENDER DOCUMENTATION AND/OR WITHIN THE PRE-CONSTRUCTION INFORMATION.
2. BEFORE COMMENCEMENT OF WORKS ASSOCIATED WITH THE DRAWING REFER TO ALL RELEVANT HEALTH AND SAFETY INFORMATION FOR THE WORKS INCLUDING RESIDUAL RISK INFORMATION.
3. THE DRAWING HAS BEEN BASED ON INFORMATION PROVIDED BY THE PARTIES AND WSP DO NOT WARRANT THE ACCURACY OF THIS INFORMATION.

REV	DATE	BY	DESCRIPTION	CHK	APP
P01	15/10/2024	HA	FIRST ISSUE	MJE	BM

DRAWING STATUS: S3 - FOR REVIEW AND COMMENT

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CLIENT: DEFRA / NATURAL ENGLAND

ARCHITECT: STRIDE TREGLOWN

SITE/PROJECT: NNR PARSONAGE WILTSHIRE

TITLE: ELECTRICAL SERVICES EXTERNAL LIGHTING STRATEGY

SCALE @ A1:	CHECKED:		APPROVED:
1:200	MJE		BM
PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70109210	HA	HA	15/10/2024

DRAWING No: 9210-WSP-00-00-DR-E-960102 REV: P01

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File name:\\UK.WSPGROUP.COM\CENTRAL DATA\PROJECTS\70101XX\70101856 - DEFRA CRPS PARSONAGE FARM NNR\03 WIP\MEP\CAL\CSD\ALUX EXTERNAL LIGHTING DESIGN\9210-WSP-00-00-DR-E-960102.DWG, printed on 15 October 2024 14:08:52, by Ali Dhafar, Hasan