

NOTES:

- EXISTING SERVICES ARE TYPICALLY INDICATED IN GREY.
REFER TO EXISTING SITE SERVICE DRAWINGS FOR IDENTIFICATION
OF EXISTING SERVICES. DRAWING REFERENCES AS FOLLOWS:

P003-HLP-V00-UN-DR-U-U-500051
P003-HLP-V00-UN-DR-U-U-500052
P003-HLP-V00-UN-DR-U-U-500053
P003-HLP-V00-UN-DR-U-U-500054
- ALL SERVICES TO BE INSTALLED TO NUIG GUIDELINES.

HV POWER CABLES: 750mm BFFL
LV POWER CABLES: 450mm BFFL WITHIN FOOTPATH
600mm BFFL WITHIN CARBAGEWAY/ROAD
CABLES BURIED DIRECT: TO HAVE MARKER TAPE 150mm BFFL
ABOVE CABLE
BTACOMMS CABLES: 350mm BFFL

GAS: 600mm BFFL
WATER: 900mm BFFL
- ALL UTILITIES INFRASTRUCTURE TO BE REMOVED AND MODIFIED TO BE
CARRIED OUT BY STATUTORY AUTHORITIES. REFER TO QUOTATIONS
FOR ESTIMATES AND SCOPE OF WORKS.
- SERVICES INDICATED FOR REMOVAL TO BE TESTED AND VERIFIED
PRIOR TO DISCONNECTION.
- DUCT CHAMBERS WITHIN ROADS TO BE SUITABLE FOR ROAD
VEHICULAR TRAFFIC TO STRUCTURAL ENGINEERS RECOMMENDATIONS.
- LUMINAIRES TO BE FITTED WITH THORLUX EXTERNAL SMARTSCAN
LIGHTING CONTROLS WHICH INCORPORATES OFF / AUTOMATIC / ON
CONTROL MODES.
- LUMINAIRES TO BE PROGRAMMED IN AUTOMATIC MODE IN NIGHTTIME IN
WINTER.
- IN AUTOMATIC MODE INDIVIDUAL LUMINAIRES TO TURN ON TO 100%
WHEN MOVEMENT IS DETECTED WITH A LOCAL SENSOR.
- LUMINAIRES TO DIM TO 10% OUTPUT WHEN NO SENSOR ACTIVATED
THEN TURN OFF AFTER A FURTHER 2 MINS.
- LUMINAIRES TO BE TURNED OFF DURING DAYLIGHT HOURS UTILISING
INTEGRAL LIGHT SENSORS.
- COMMISSIONING TO BE PROVIDED BY THORLUX LIGHTING. THORLUX TO
PROVIDE SUITABLE INSTRUCTION AND A HAND HELD PROGRAMMING
DEVICE TO RES UPON COMPLETION.

ELECTRICAL KEY:

- LV — NEW LV POWER DUCT FOR LTG AND SMALL-POWER
(BLACK)
- SLN NEW 8M GALVANISED STEEL STREET LIGHTING
COLUMN (75MM DIA SHAFT) WITH THORLUX
STARBEAM AMBER VARIABLE OUTPUT AREA
DISTRIBUTION LED LUMINAIRE 31W, 56.3 LL/CW,
1970 LM, 1750 K COLOUR TEMP & DOMINANT
WAVELENGTH 550NM C/W THORLUX EXTERNAL
SMARTSCAN LIGHTING CONTROLS
- P NEW POWER CABLE DRAW PIT
- C NEW COMMS CABLE DRAW PIT
- FEEDER PILLAR - AS LUCY FORTRESS RANGE

DRAW PIT SIZES					
DRAW PIT REF	LENGTH (mm)	WIDTH (mm)	DEPTH (mm)	CHAMBER (CUBES)	COVER (CUBES)
LV	600	600	800	CONNECT (ULTIMA)	0400 (DROP IN)
COMMS	600	600	650	CONNECT (ULTIMA)	0400 (DROP IN)

T02	SEP-20	ECOLOGIST / PLANNERS COMMENTS INCORPORATED	RB
T01	AUG-20	ECOLOGIST / PLANNERS COMMENTS INCORPORATED	RB
Mark	Date	Details	By

REVISIONS			
Trust:			
		CWM TAF HEALTH BOARD Prince Charles Hospital Methryn Tydfil Mid Glamorgan CF47 9DT	

Supply Chain Partner:		INTERSERVE CONSTRUCTION LIMITED 138 HEOL-Y-GORS CYMBWRLA SWANSEA SA5 8LT	
			

Project Title:		PRINCE CHARLES HOSPITAL REFURBISHMENT PHASE 1B	
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Scale: 1:200 @A1 for the original size of A1

Drawn By: RB Checked By: JG Passed By: AMT Date: JUL 20

Drawing Status:

D2 - Fit For Tender

Drawing Originator:			
		SPRINGFIELD SPRINTOL SARFERT ISLE OF MAN LEEDS LONDON MANCHESTER OXFORD PLYMOUTH POOLE	

Drawing Title:		JOC CAR PARK #2 EXTERNAL LIGHTING	
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Job No:	Drawing No:	Project	Origin	Volume	Level	Type	Discipl	Number	Revision:
09/91268	P003	HLP	V00	UN	DR	E		630007	T02

Do NOT scale this drawing
Refer to Architects for details of current
building layouts

TWN HEAD COLUMN WITH TWIN
OUTREACH ARM 90 DEGRESS

3C 4MM XLPE/SWA TO BE RUN IN EXISTING
DUCTING FROM EXISTING FEEDER PILLAR

JOC CAR PARK #1
4 NO COLUMNS
8 NO THORLUX STARFLOOD
(STF17571LF 42 W)
TO REMAIN AS EXISTING

ACCESS FROM
EXISTING CAR
PARK

NEW 3C 4MM XLPE/SWA LSF TO
BE RUN BURIED DIRECT OR WITH LOCAL
50MM DUCTING LOOPS BETWEEN
LIGHTING COLUMN POSITIONS

NEW 100MM DUCTING TO BE RUN
TO NEW 600 X 600 CABLE PIT

EXISTING DB, LUCY FEEDER PILLAR
TO BE UPRATED TO ACCOMODATE
1 NO ADDITIONAL TO AMP B TYPE
LIGHTING CIRCUIT FOR NEW JOC
CAR PARK #2