



LIGHTING
SETTING OUT SCHEDULE

COLUMN REF.	X	Y	DIMING OUTSIDE OF OPERATIONAL HOURS (04:00-17:00)
LP01	382354.81	244156.79	OFF
LP02	382357.67	244167.52	50%
LP03	382374.67	244174.76	50%
LP04	382374.65	244174.76	50%
LP05	382380.69	244153.39	50%
LP06	382387.01	244140.76	50%
LP07	382400.03	244146.80	50%
LP08	382403.03	244161.92	50%
LP09	382423.92	244166.43	50%
LP10	382433.52	244172.21	50%
LP11	382433.52	244182.16	50%
LP12	382400.88	244172.21	50%
LP13	382433.51	244185.74	50%
LP14			
LP15			



- LIGHTING SPECIFICATION:**
- STREET LIGHTING TO BS EN 12464-2:2014, MAIN AREA LT TO 10 LUX (UNIFORMITY >0.20), EXACT POSITIONS ARE TO BE AGREED ON SITE BY THE ENGINEER BEFORE ERECTION WORKS COMMENCES.
 - ONLY RECOGNISED LIGHTING CONTRACTORS SHALL BE USED FOR STREET LIGHTING AND ILLUMINATED SIGN AND BALLASTS INSTALLATION WORKS. THEY SHALL BE APPROVED BY THE OVERSEEING ORGANISATION/CLIENT. THEY MUST BE PROVIDED TO THE OVERSEEING ORGANISATION/CLIENT PRIOR TO APPROVAL OF THE PROPOSED LIGHTING CONTRACT. OPERATIVE TO BE CSW TRAINED AND HAVE KNOWLEDGE OF IDENTIFICATION OF OVERHEAD LINE VOLTAGE CABLES. THE APPROVED LIGHTING CONTRACTOR SHALL NOT SUB-CONTRACT ANY PART OF THE WORKS.
 - ALL MATERIALS SHALL BE TO THE RELEVANT BRITISH STANDARD AND SHALL ALSO CONFORM TO:
 - THE ELECTRICITY AT WORK REGULATIONS (1989)
 - THE HEALTH AND SAFETY ACT 1974
 - CHAPTER 9 OF THE TRAFFIC SIGNS MANUAL
 - THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS 1988
 - THE CONSTRUCTION (DESIGN MANAGEMENT) (CDM) REGULATIONS 2007
 - THE NATIONAL JOINT UTILITIES GROUP (NJUG) STANDARDS ON POSITIONING OF UNDERGROUND UTILITIES APPARATUS
 - ERECTION AND INSTALLATION WORKS SHALL COMPLY WITH THE CURRENT ISSUE AND AMENDMENTS OF BS7671: 2018 (WIRING REGULATIONS) AND BS5499: 2017 (SAFETY OF ELECTRICAL INSTALLATIONS). THE EDITION OF THE LP (GPS) CODE OF PRACTICE FOR ELECTRICAL SAFETY IN HIGHWAY ELECTRICAL OPERATIONS AND THE CODE OF PRACTICE FOR THE ERECTION OF STREET LIGHTING PUBLISHED BY THE ASSOCIATION OF STREET LIGHTING ELECTRICAL CONTRACTORS.
 - COLUMNS: 6m TUBULAR STEEL GALVANISED WITH GLASS FLAKE ROOF COLUMN WITH POST TOP MOUNT. REQUIREMENTS GLASS FLAKE ROOF TO 150mm ABOVE DEPTH. MINIMUM DOOR SIZE 500mm X 100mm. PLANTING DEPTH 100mm(Grn) or 120mm(Grn).
 - LANTERNS: THORN LIGHTING PAVZA II WALL MOUNTED LED 2700K 2.74m and ISARD PRO SMALL 12 LED 350mA EPR OPTIC 1.87m.
 - PROJECT MAINTENANCE FACTOR 1.00.
 - LUMINAIRES TO BE SUPPLIED COMPLETE WITH CLO ENABLED BALLAST WITH ONE COMPATIBLE LED DRIVER CLO ENABLED WITH DALI TELESEA ONE NODE WHITE FLEXIBLE 3-CORE 1.5mm CABLE TO BE USED TO CONNECT THE LUMINAIRE.
 - CONTROL: 7-PIN NEMA SOCKET & EPS ENABLED NEW DIMMING TELECELL
 - OPERATIONAL DIMMING: ALL LIGHTS WILL BE ON 05:00 - 03:00 MONDAY - SUNDAY DURING HOURS OF DAY NIGHT LIGHTING. CONTROLLING THE NUMBER OF LUXES OUTSIDE THE HOURS OF OPERATION AND CITY REASONS (SEE SETTING OUT SCHEDULE), MOSTLY EXPECTED TO BE USED DURING LATE WINTER MONTHS.

NOTES:

- DO NOT SCALE THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH REPORT 28112-U0H-0401.

STREET LIGHTING KEY	
PROPOSED DOWNLIGHT	
LANTERN MANUFACTURER: THORN LIGHTING	
LANTERN NAME: PAVZA II LED	
QUANTITY: 15	
WATTAGE: 1W	
OPTIC: 2.74m	
PROPOSED STREET LIGHTING COLUMN	
COLUMN HEIGHT: 6m	
LANTERN MANUFACTURER: THORN LIGHTING	
QUANTITY: 15	
LANTERN NAME: ISARD PRO SMALL	
WATTAGE: 1W	
LAMP TYPE: 12LED 2700K AMBER WHITE	
OPTIC: 350mA EPR	
7.50 LUX ISO CONTOUR	
5.00 LUX ISO CONTOUR	
2.00 LUX ISO CONTOUR	
1.00 LUX ISO CONTOUR	

PROJECT		WASTE INCINERATOR UNIT	
PROJECT		HANGMAN'S LANE, HANLEY CASTLE	
PROJECT		WORCESTERSHIRE	
DRAWING TITLE		LIGHTING LAYOUT	
CLIENT		CLINTEK (MALVERN) LLP	
DRAWING NUMBER		28112_100_02_01	
REVISION:	SHEET SIZE:	SCALE:	1:250
-	A1		
STATUS: FOR INFORMATION / APPROVAL			
<div><div>MFC</div><div>Consulting Development Engineers</div></div>			
<div><div>Telephone: 01903 244 123</div><div>Email: info@mfec.co.uk</div><div>Website: www.mfec.co.uk</div><div>ORDNANCE SURVEY © CROWN</div><div>REGISTERED LICENSE NUMBER</div><div>10000886</div></div>			