



REFERENCE	DIM TO	BETWEEN
D0	N/A	-
D1	50%	22:00 to 6:00am
D2	75%	00:00 to 6:00am

### KEY

- PROPOSED 8m MOUNTING HEIGHT (6m COLUMN PLUS 2m UPLIFT AND 0.5m OUTREACH BRACKET) OXFORDSHIRE STYLE 9 VALMONT STANTON OR SIMILAR APPROVED GALVANISED STEEL CONICAL PLANTED LIGHTING COLUMN WITH BRACKET AND SIDE ENTRY DW WINDSOR DW WINDSOR KIRIUM PRO 2 LUMINAIRE COMPLETE WITH PHILIPS TITANIUM ELECTRONIC BALLAST. LUMINAIRE TO BE SUPPLIED WITH A 7 PIN NEMA SOCKET AND A ZODION SUPER 6 CELL SET AT 35/18 (NOT SUPPLIED WITH LUMINAIRE). EXISTING LUMINAIRE TO BE REMOVED TO TIP OFF SITE.  
LUMINAIRE VERSION: KIRIUM  
COLOUR TEMPERATURE (K): 4000  
LAMP FLUX (klm): 9.24  
LUMINAIRE TILT: 5 DEGREES (FROM BRACKET)  
ORDER CODE: KIRIUM PRO2 48LED 4k A2 CLO 400mA UMSG 42 0051 0000 100
- PROPOSED LUMINAIRE REPLACEMENT WITH A SIDE ENTRY DW WINDSOR KIRIUM PRO 2 LUMINAIRE COMPLETE WITH PHILIPS TITANIUM ELECTRONIC BALLAST. LUMINAIRE TO BE SUPPLIED WITH A 7 PIN NEMA SOCKET AND A ZODION SUPER 6 CELL SET AT 35/18 (NOT SUPPLIED WITH LUMINAIRE). EXISTING LUMINAIRE TO BE REMOVED TO TIP OFF SITE.  
LUMINAIRE VERSION: KIRIUM  
COLOUR TEMPERATURE (K): 4000  
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LUMINAIRE TILT: 5 DEGREES (FROM BRACKET)  
ORDER CODE: KIRIUM PRO2 48LED 4k A2 CLO 400mA UMSG 42 0051 0000 100
- EXISTING 10m COLUMN REMAIN
- (PROPOSED APPARATUS) CONTRACT / MAINTENANCE NUMBER
- (EXISTING TO REMAIN APPARATUS) T1 - TERMINATION TYPE IN ACCORDANCE WITH OCC REQUIREMENTS. FOR DETAILS REFER TO TERMINATION TYPES AND OCC 1400 STANDARD DETAIL DRAWINGS. ZODION SUPER 6 CELL SET AT 35/18 TO BE PRE PROGRAMMED TO DIMMING REGIME FROM THE DIMMING PROFILE TABLE SHOWN ABOVE
- CABLE NETWORK TYPE - NEW CONNECTION (NC) DNO SCOTTISH AND SOUTHERN ENERGY 25A SINGLE PHASE SUPPLY  
EX = EXISTING SUPPLY TO REMAIN
- (EXISTING TO REMAIN APPARATUS) COLUMN CONTRACT / MAINTENANCE NUMBER

## NETWORK RAIL (EAST WEST) RAIL WESTERN SECTION PHASE 2)

- ### NOTES:
- ALL EQUIPMENT AND INSTALLATION WORK SHALL BE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE OCC ROAD LIGHTING GENERAL SPECIFICATION DOCUMENT AND THE MOST RECENT REVISION OF STANDARD DETAIL DRAWINGS HSD-13-002, HSD-13-006, HSD-13-007, HSD-13-008, HSD-13-021, HSD-14-005, HSD-14-015, HSD-14-017.
  - ALL LIGHTING COLUMNS SHALL BE SUITABLE FOR THE FITMENT, WEIGHT AND WINDAGE OF THE LUMINAIRE SPECIFIED AND DESIGNED IN ACCORDANCE WITH THE SPECIFICATION. LIGHTING COLUMN CONSTRUCTION NUMBERS SHOWN ON THE DRAWING. MAINTENANCE NUMBERS TO BE PROVIDED ON REQUEST BY THE MAINTAINING AUTHORITY.
  - LUMINAIRES TO BE FACTORY PAINTED GREEN (RAL 6013) PRIOR TO FITTING. SEE SPECIFICATION DOCUMENT
  - BOLLARDS TO BE INSTALLED AS PER STANDARD DETAIL DRAWINGS HSD/1200/003 AND 004.
  - ALL COLUMN POSITIONS TO BE AGREED BY THE MAINTAINING AUTHORITY PRIOR TO ERECTION.
  - ELECTRICAL WORK SHALL COMPLY IN ALL RESPECTS WITH THE 18TH EDITION OF THE I.E.T WIRING REGULATIONS BS:7671 AS AMENDED.
  - ON COMPLETION AN ELECTRICAL TEST CERTIFICATE FOR EACH LIGHTING COLUMN, ASSOCIATED WITH CABLE AND SWITCH GEAR SHALL BE COMPLETED AND RETURNED BY THE CONTRACTOR.
    - THE ILP CODE OF PRACTICE FOR ELECTRICAL SAFETY IN HIGHWAY ELECTRICAL OPERATIONS TOGETHER WITH THE ILP SUPPLEMENT ENTITLED "SAFETY DURING THE INSTALLATION AND REMOVAL OF LIGHTING COLUMNS AND SIMILAR STREET FURNITURE IN PROXIMITY TO HIGH VOLTAGE OVERHEAD LINES"
    - HEALTH AND SAFETY EXECUTIVE BOOKLET HS(G47) "AVOIDING DANGER FROM UNDERGROUND SERVICES" AND H&S GUIDANCE NOTE GS6 "AVOIDANCE OF DANGER FROM OVERHEAD ELECTRIC LINES" AND
    - THE ELECTRICITY ASSOCIATION ENGINEERING RECOMMENDATION G39/1 SAFETY CODE OF PRACTICE E4 COVERING ELECTRICAL SAFETY AND PLANNING, INSTALLATION, COMMISSIONING AND MAINTENANCE OF PUBLIC LIGHTING AND OTHER STREET FURNITURE.
  - THE CONTRACTOR IS TO INVESTIGATE PROPOSED LIGHTING COLUMN LOCATION TO ENSURE IT'S CLEAR OF ALL UNDERGROUND INFRASTRUCTURE. IF OBSTRUCTION IS FOUND, THEN REPORT THIS TO THE ENGINEER.
  - CONTRACTOR SHALL CONFIRM LIGHTING LEVELS IF AN ALTERNATIVE LUMINAIRE IS PROPOSED.
  - FINAL LOCATIONS OF STREET LIGHTING TO BE CONFIRMED WITH FINAL LOCATION OF TREES.



Rev	Date	Description of Revisions	Dend	Chkd	Appr	Suitability
B01	12/12/19	FOR INFORMATION	N.T.	L.T.	S.A.	
Status						S2



Project  
**East West Rail  
(Western Section)  
Phase 2**

Drawing Title  
**ACCESS TO COMPOUND A1  
STREET LIGHTING**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	12/12/19
Drawn	Nigel R Jones	Signed	N. Jones	Date	21/01/19
Checked	Lisa Taylor	Signed	L. Taylor	Date	12/12/19
Approved	Stephen Abe	Signed	S. Abe	Date	12/12/19

Scale(s)	1:500	ELR - Project Chainage (Miles Yards)	OXD - 108820
Design Package Risk Classification	Normal		Sheet 1 of 1
Alternative Reference			Revision B01
Drawing Number	133735_2A-EWR-OXD-CC_A1-DR-CH-002012		