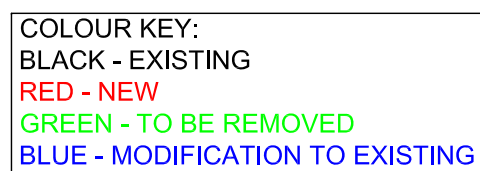


1. THE WORKS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF BS6850 (2004) REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - IEE WIRING REGULATIONS SEVENTEENTH EDITION.
2. IT IS PROPOSED TO INSTALL NEW LUMINAIRES ALONG THE PLATFORM AREA UNDER THE CANOPY AND THE OPEN PLATFORM. NEW FLOURESCENT LUMINAIRES SHALL BE INSTALLED UNDER THE CANOPY TO ILLUMINATE THE EXISTING LIGHTING COLUMNS SHALL BE RETAINED AND NEW LUMINAIRES SHALL BE INSTALLED TO FIT ON THE EXISTING PLATFORM AREAS. THE LIGHTING COLUMNS APPEAR TO BE WELL MAINTAINED AND IN GOOD CONDITION AND IT IS ASSUMED THEY WILL PROVIDE THE REQUIRED SERVICE LIFE.
3. ALL EXISTING CABLING SERVING THESE LIGHTS SHALL BE REMOVED AND NEW CABLES SHALL BE INSTALLED TO SUPPLY THE PROPOSED NEW LUMINAIRES.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.
5. THE SUPPLY CABLE WITHIN EACH COLUMN SHALL BE TERMINATED IN A CORRECTLY RATED BLACK INSULATED PLUG WITH A CONDUIT TO THE CANOPY. THE CABLE CUT-OUT SHALL BE FITTED WITH A HRC FUSE LINK(S) OR CIRCUIT BREAKER(S) AND SHALL BE FITTED WITH AN EXTERNAL BRASS EARTH CONNECTION PLATE.
6. LIGHTING COLUMN INTERNAL WIRING BETWEEN CUT-OUT AND LAMP SHALL BE THREE-CORE HEAT RESISTANT LEADING TO BS6850 RATED AT 300/500V.
7. THE LIGHTING HAS BEEN DESIGNED IN ACCORDANCE WITH GUIDANCE NOTE QURT7/10/16 ISSUE 2 TITLED 'INTERFACE BETWEEN STATION PLATFORMS, TRACK AND TRANS' AND PROJECT MANAGER'S SCHEME REINAT.
8. THE PROPOSED INSTALLATION SHALL COMPLY WITH NRSHP/ELP2/1085, DESIGN OF EARTHING AND BONDING FOR LOW VOLT FORK LIFT TRUCKS, ISSUED 15 APRIL 2007, WITH RESPECT TO ELECTRICAL BONDING.
9. ALL TURNING CHAMBERS TO BE INSTALLED REQUIRE A METALLIC LOCKABLE COVER, CLASS B125 TO BS EN 124. THE LOCATION OF THE TURNING CHAMBERS TO BE SITUATED ON THE INSIDE SIDE OF THE LAMP POST AS THE CABLE ENTRY SLOT.

Scale: 1:200



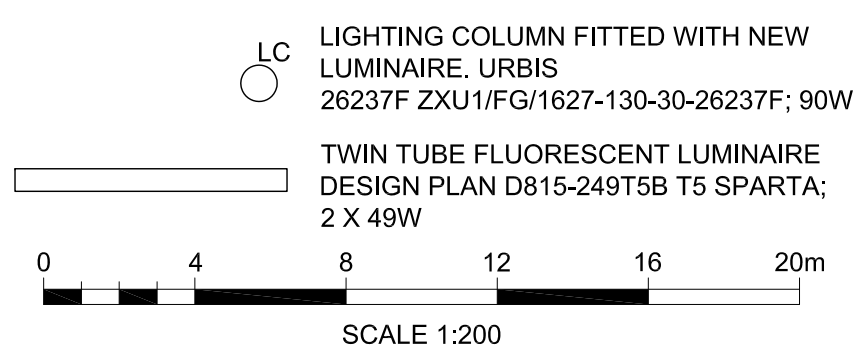
HORIZONTAL ILLUMINANCE OPEN PLATFORM

- PLATFORM EDGE AVERAGE IS 33Lux
- PLATFORM EDGE UNIFORMITY IS 0.517
- PLATFORM EDGE DIVERSITY IS 0.227
- PLATFORM UNIFORMITY IS 0.419
- AVERAGE IS 50Lux

HORIZONTAL ILLUMINANCE CANOPY AREA:

- PLATFORM EDGE AVERAGE IS 82Lux
- PLATFORM EDGE UNIFORMITY IS 0.484
- PLATFORM EDGE DIVERSITY IS 0.381
- PLATFORM UNIFORMITY IS 0.728
- AVERAGE IS 165Lux

NOTE:
STATION CATEGORY IS D



001	16/03/11	ISSUED APPROVED FOR CONSTRUCTION, LIGHT SENSATIVE SWITCH & TIME SWITCH AMENDED TO SERIES, LIGHTING LEVELS AMENDED TO MATCH CALCULATIONS, CABLE SIZES AMENDED TO MATCH CALCULATIONS, CANOPY LIGHTING CABLE SIZE AMENDED.			
001	23/02/11	FOR ISSUE NON COMPLEX WORKS	WJ	MW	JW
REV	DATE	DESCRIPTION OF REVISIONS	DRAWN	CHKD	APPR

THE HAZARDS AND RISKS ASSOCIATED WITH THE WORKS SHOWN ON THIS DRAWING AND DESCRIBED IN THE SCHEDULE OF WORKS ARE CONSIDERED TO BE WITHIN THE REASONABLE, NORMAL AND ACCEPTABLE LIMITS FOR GENERAL BUILDING AND MAINTENANCE WORKS. PLEASE REFER TO DESIGNER RISK ASSESSMENT

DOCUMENT REF: BDG0054(M)/DRA/A01

STATUS

APPROVED FOR CONSTRUCTION

Network Rail

Network Rail



INVESTMENT PROJECTS

INVESTMENT PROJECTS
BUILDINGS & CIVILS
SQUARE ONE

TRAVIS ST
MANCHESTER

11 2NY
DESIGNERSINVESTMENT PROJECTS **Network Rail**

Buildings & Civils
Building Design Group

MANCHESTER
SQUARE ONE

TRAVIS STREET
MANCHESTER

TEL: 0161 880 3888 FAX: 0161 880 3951

PROJECT: BDG0064(M)

GLOSSOP STATION
PLATFORM RESURFACING

PLATFORM RESURFACING AND CANOPY WORKS

RAWING TITLE

PROPOSED ELECTRICAL LAYOUT

SIGNER		SIGNED	DATE
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	WILLIAM JAMES	WILLIAM JAMES	23/02/2011
RAWN		SIGNED	DATE

WILLIAM JAMES	WILLIAM JAMES	23/02/2011
CHECKED	SIGNED	DATE

APPROVED	MARTIN WOMACK	MARTIN WOMACK	2/20/2011
	SIGNED	DATE	

SCALE(S) AT A0 SHEET SIZE 841 X 1189	ELR & MILEAGE
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200	GDW 0 MILES 01 YARDS	
DRAWING NUMBER		REVISION

BDG0054(M)/DRG/E002	C01
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Scale: NTS

Scale: NTS