

This drawing is for engineering services only and is to be read in conjunction with all relevant architectural, structural, Waterman Building Services drawings and the contract specification.

THIS IS NOT AN INSTALLATION DRAWING

All service routes and equipment locations are indicative, actual location to be determined from site dimensions.

To whom it may concern. The requirements of the Health & Safety at Work etc. Act 1974 & subsequent amendments thereto are brought to the attention of all those who design, install or maintain the plant and equipment shown on these drawings or who are required to enter the areas shown on these drawings.

DO NOT SCALE FROM THIS DRAWING

GENERAL NOTES

- ALL OTHER DISCIPLINES' SPECIFICATIONS SHALL BE READ IN CONJUNCTION WITH THE WATERMAN BUILDING SERVICES SPECIFICATION AND DRAWINGS AS WELL AS ARCHITECTS, STRUCTURAL ENGINEERS, ACOUSTIC ENGINEERS AND FIRE CONSULTANTS. ANY DISCREPANCIES BETWEEN ANY DOCUMENT, DRAWINGS OR SCHEDULE SHOULD BE CLARIFIED AT TENDER OR THE MOST ONERIOUS OPTION SHALL BE DEEMED TO HAVE BEEN ALLOWED FOR.
- ALL SERVICE ROUTES DETAILED ARE DEEMED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT ROUTES AND POSITIONS OF ALL INSTALLED SERVICES AND EQUIPMENT IN CONJUNCTION WITH THE COLLEGE EDUCATION/ DELIVERY TEAM.
- THE EXACT POSITION OF ALL SERVICES AND EQUIPMENT SHALL BE AGREED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY COORDINATING ANY SERVICES INSTALLED WITHIN THE BUILDING FABRIC AND SERVICES INSTALLED BY OTHERS.

- EXTERNAL LIGHTING NOTES
- LIGHTING COLUMNS TO BE ERECTED BY MAIN CONTRACTOR WITH ELECTRICAL CONTRACTOR IN ATTENDANCE.
 - CABLES TO BE LAID IN 100mmØIA UPVC DUCTS ACROSS ROADS OR LAID DIRECT IN SOFT VERGES AS INDICATED.
 - CABLES LAID IN SOFT VERGES TO BE INSTALLED WITH 600mm MIN COVER WITH 150mm SOFT SAND ABOVE AND BELOW. PVC WARNING TAPE 300mm ABOVE CABLE. ALL PROVIDED BY MAIN CONTRACTOR.
 - ALL DUCTS ARE TO BE PROVIDED WITH NYLON DRAW WIRES BY MAIN CONTRACTOR.

- LEGEND
- X1 DI-CAST ALUMINIUM IP66 LED STREET LANTERN ON 4M ROOT MOUNTED COLUMN c/w 3 PHASE 16A CUTOUT
 - X2 TWIN HEAD DI-CAST ALUMINIUM IP66 LED STREET LANTERN ON 4M ROOT MOUNTED COLUMN c/w 3 PHASE 16A CUTOUT
 - X3 WALL MOUNTED LED BULHEAD
 - PC PHOTOCELL

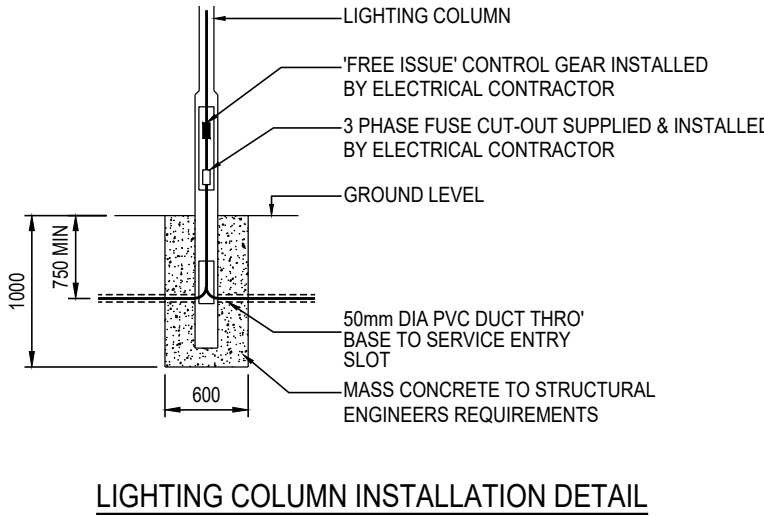
P04	14.02.22	REVISED ISSUE	TD
P03	16.11.21	UPDATED TO REVISED SITE PLAN	TD
P02	07.05.21	STAGE 4 ISSUE	TD
P01	26.02.21	STAGE 3 ISSUE	TD
Rev	Date	Description	By

Amendments			
Project	Hough End Sports Village		
Title	ELECTRICAL SERVICES EXTERNAL LIGHTING LAYOUT		
Client	Manchester City Council		

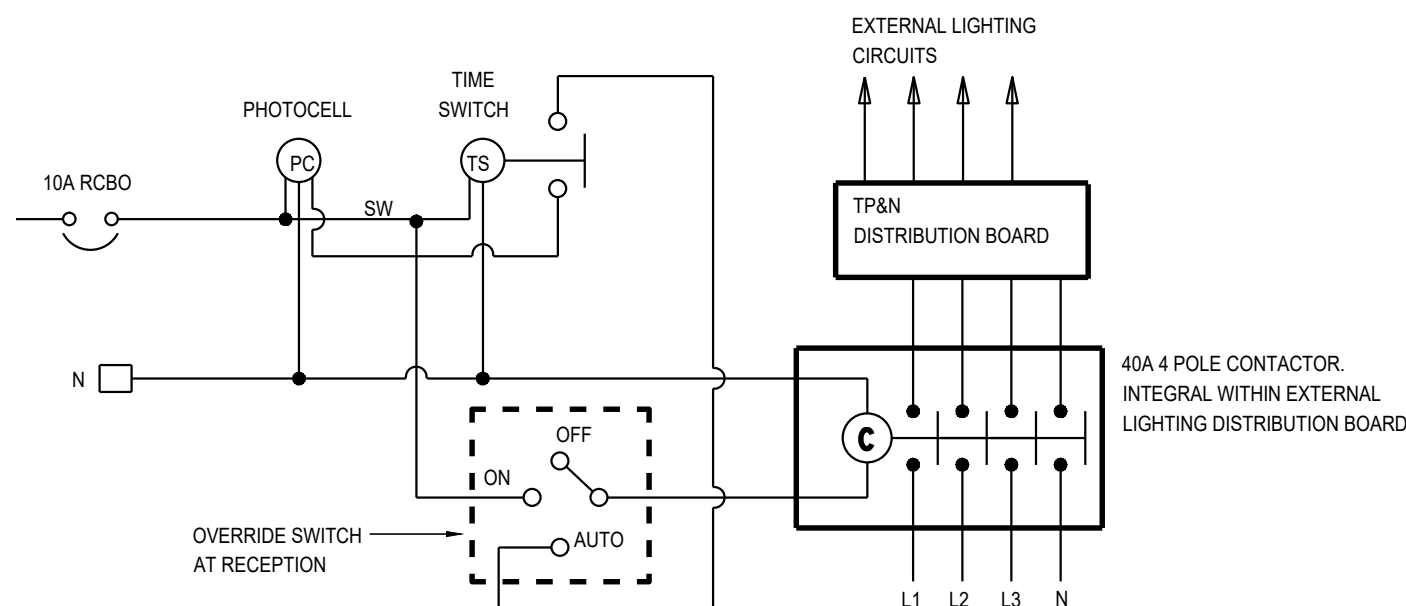


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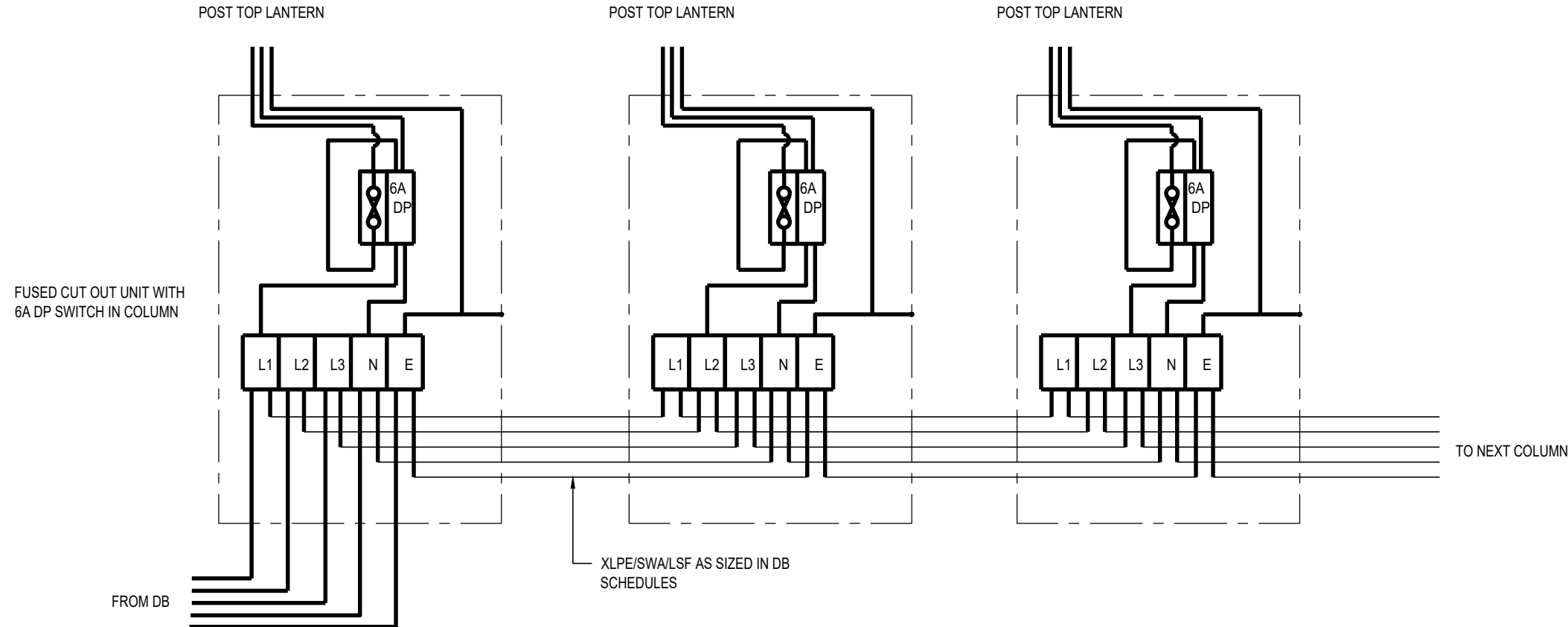
Drawing Status			
STAGE 4			
Designed by	TD	Checked by	TD
Drawn by	TD	Date	FEB 2021
Scales @ A1		1:500	Computer File No
work to figured dimensions only			
Drawing No.			Revision
HEV-WBS-01-XX-DR-E-63204			P04



LIGHTING COLUMN INSTALLATION DETAIL



EXTERNAL LIGHTING CONTROL SCHEMATIC DIAGRAM



TYPICAL EXTERNAL LIGHTING CUTOUT WIRING ARRANGEMENTS

