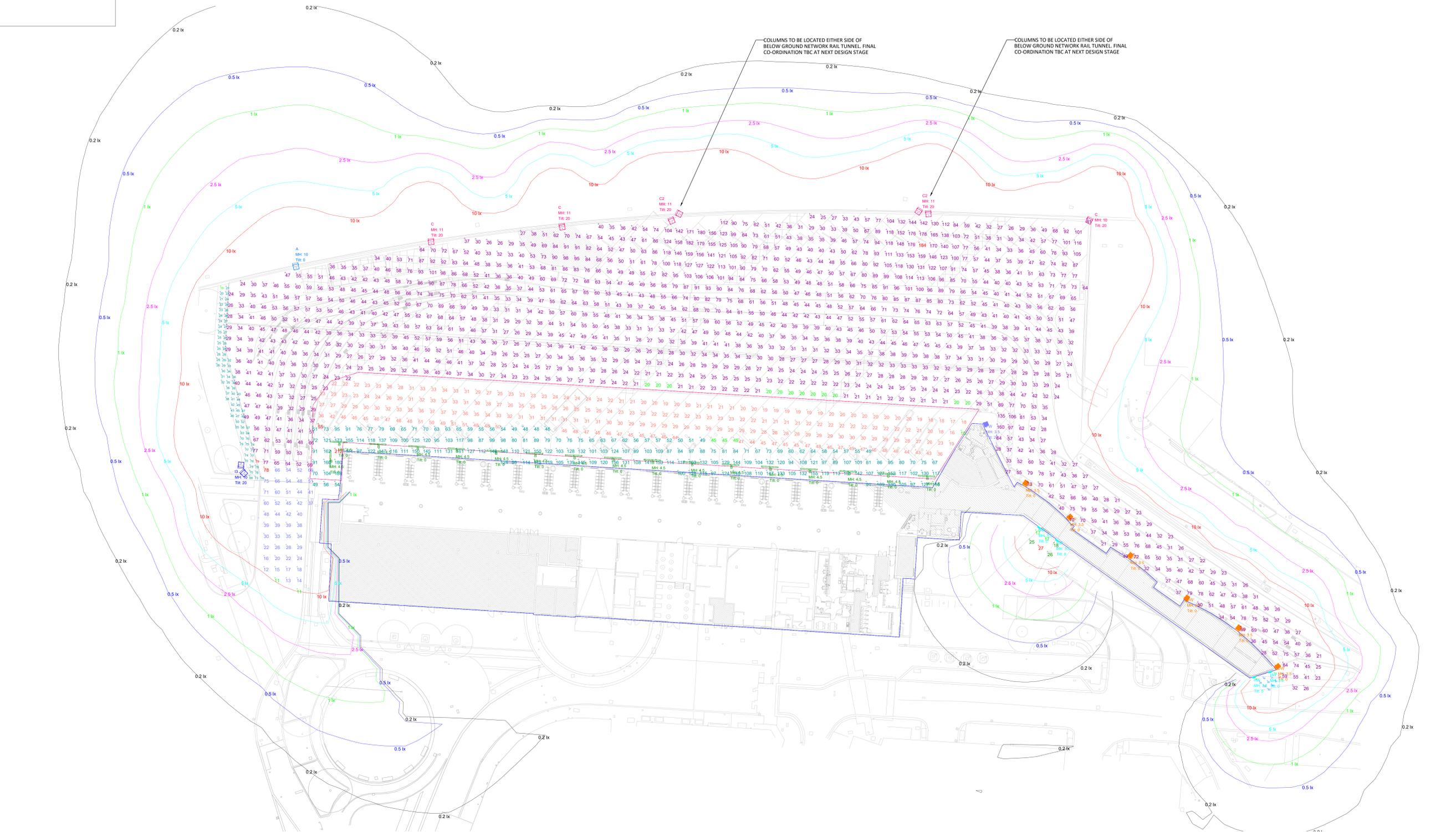


NOTES

- DO NOT SCALE THIS DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- THE FULL ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE IET WIRING REGULATIONS BS 7671 18TH EDITION INCLUDING LATEST AMENDMENTS.
- ALL EXTERNAL LIGHTING SHALL BE WIRED IN XLPE/SWA/SF ARMoured CABLES, BASIC APPROVED WITH THE CE MARK. OUTDOOR C/W GLANDS SHALL BE USED FOR ALL EXTERNAL CONNECTIONS.
- ALL EXTERNAL LIGHTING SHALL BE PHOTOCELL & TIME CLOCK CONTROLLED WITH MANUAL CONTROL FROM THE BSM OFFICE.



Symbol	Qty	Label	Arrangement	LLF	Description	Luminaire LW	UWLR	Light Engine	Total Watts
	1	I3	TWIN 70 DEGREE	0.900	160W LED 4000K ZACTIS Flood 805mA with FL50 flood optic column mounted at 10m	146	0.00		320
	1	A	Single	0.900	250W LED 4000K ZACTIS Flood 640mA with FW70 forward throw optic column mounted at 10m	142	0.00		251.743
	17	B	Single	0.900	65w Climate Extra. Surface mounted at 4.5m (LCL15090540)	138	0.05		1105
	3	C	Single	0.900	320W LED 4000K ZACTIS Flood 805mA with FL50 flood optic column mounted at 10m	146	0.00		963.84
	2	C2	Twin 20	0.900	320W LED 4000K ZACTIS Flood 805mA with FL50 flood optic column mounted at 10m	146	0.00		1285.12
	6	DW	Single	0.900	60W LED 4000K VIVA-CITY Flood 610mA with FW70 forward throw optic	116	0.00		360
	1	FW	Single	0.900	60W LED 4000K VIVA-CITY Flood 610mA with FL50 flood optic wall mounted at 3.5m	140	0.00		60
	4	HW	Single	0.900	20W LED 4000K 500mA ALFRESCO Urban with hooded optic wall mounted at 3.5m	107	0.40		80

Calculation Summary											
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max	Meter Type	Description		
Access Road from Market Street	Illuminance	Lux	39.00	78	11	0.28	0.14	Horizontal			
Bus Access Areas	Illuminance	Lux	51.02	184	20	0.39	0.11	Horizontal			
Bus Stops	Illuminance	Lux	29.99	55	15	0.50	0.27	Horizontal			
Main Entrance	Illuminance	Lux	30.82	57	10	0.32	0.18	Horizontal			
Passenger Collection points	Illuminance	Lux	100.68	212	45	0.45	0.21	Horizontal			
Undercroft Entrance	Illuminance	Lux	21.67	27	17	0.78	0.63	Horizontal			
Walkway on the Left	Illuminance	Lux	43.61	79	19	0.44	0.24	Horizontal			

P05/MINOR WYCA COMMENTS INCORPORATED DC 25/07/24
P04/HENRY ST COMMENTS INCORPORATED PR 09/07/24
P03/HENRY ST LIGHTING INCORPORATED PR 27/06/24
P02/UPDATED ARCHITECTURE DC 20/05/24
P01/STAGE 3 PRELIMINARY ISSUE SP 18/04/24

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CLIENT
West Yorkshire Combined Authority
WILLMOTT DIXON

ARCHITECT
AHR

PROJECT
HUDDERSFIELD BUS STATION

DRAWING TITLE
**ELECTRICAL SERVICES
PROPOSED EXTERNAL LIGHTING LAYOUT**

CHECKED DATE DRAWN SCALE
SP 22/01/24 EW 1:250@A1

PRELIMINARY

DRAWING NUMBER
HBS-KZN-20-XX-DR-E-06310

STATUS
P05