© 2018 COUCH PERRY WILKES
ALL SCALED DIMENSIONS TAKEN FROM THIS DRAWING ARE TO BE VERIFIED ON SITE

Badger sett

Ø100MM DUCTS FOR MICROPHONE. ALL DUCT ENDS SHALL CAPPED/SEALED AND CABLES SHALL BE BUNGED. DUCTS TO BE SET AT 1000MM FROM FINISHED FLOOR LEVEL.

CONTROL ROOM - PROVIDED AND INSTALLED BY 'PORTAKABIN'.

DB/CABIN

EXTERNAL LIGHTING TO BE FEED FROM SPARE WAY WITHIN DEDICATED BOARD (DB/CABIN). A 10A MCB SHALL BE USED AND SHALL MATCH THE SAME MANUFACTURE 'TYPE'.

CONTROL ROOM SHALL HOUSE A 1GANG MANUAL ON/OFF SWITCH FOR EXTERNAL LIGHTING ADJACENT TO THE DB.

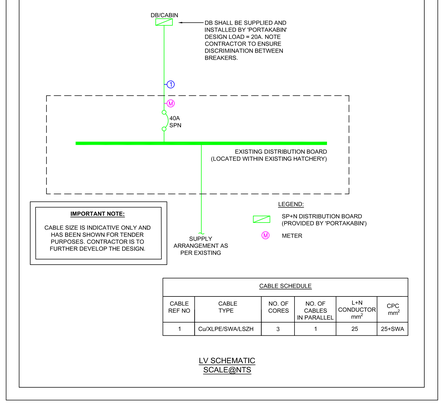
Ø150MM (1NO. 25MM² Cu/XLPE/SWA/LSZH) LV DUCT FED FROM EXISTING HATCHERY TO FEED NEW CONTROL ROOM NEAR NVH PAD.

FINAL DUCT ENTRY TO BE AGREED AND CO-ORDINATED ON-SITE.

EXISTING HATCHERY

22500MM
17500MM
5500MM
10000MM
5500MM
10500MM
21500MM
9000MM
8000MM
13000MM
4500MM

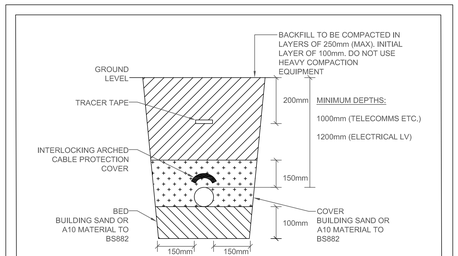
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335.0
336.0



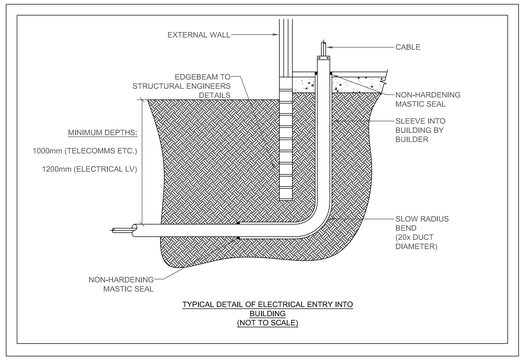
CABLE SCHEDULE

CABLE REF NO	CABLE TYPE	NO. OF CORES	NO. OF CABLES IN PARALLEL	L+N CONDUCTOR mm²	CPC mm²
1	Cu/XLPE/SWA/LSZH	3	1	25	25+SWA

LV SCHEMATIC
SCALE@NTS



TRENCH DETAIL FOR ELECTRIC DUCT / CABLE
(NOT TO SCALE)



TYPICAL DETAIL OF ELECTRICAL ENTRY INTO BUILDING
(NOT TO SCALE)



JCB CABLE ACCESS (FOR MICROPHONE CABLES) - STEEL POST PROVIDED BY JCB

T6



LUMINAIRE TYPE A -
850MM (H) LED BOLLARD 20W 3000K -
LED SYSTEM BOLLARD (TO BE ROOT MOUNTED) - BEGA

LEGEND:

- Ø150MM LV DUCT (LV DUCTS TO BE SET AT 1200MM FFL)
- Ø100MM POWER DUCT FOR MICROPHONE (LV DUCTS TO BE SET AT 1000MM FFL)
- Ø100MM POWER AND LIGHTING DUCT (LV DUCTS TO BE SET AT 1000MM FFL)
- SP+N DISTRIBUTION BOARD (PROVIDED AND INSTALLED BY 'PORTAKABIN')
- 600MM X 600MM DRAWPIT.
- FOR CABLE ACCESS REQUIREMENTS REFER TO IMAGE - 'JCB CABLE ACCESS'. EXACT REQUIREMENTS TO BE PROVIDED BY JCB.

T6

IMPORTANT NOTE:
CONTRACTOR TO CO-ORDINATE WITH EXISTING BURIED SERVICES WITHIN WARDLOW QUARRY, SERVICES INCLUDE:
- LV SERVICES
- GAS SERVICES
- WATER SERVICES
- DATA/COMMUNICATION SERVICES

GENERAL NOTES:

1. ALL WORKS TO COMPLY WITH CURRENT REGULATIONS INCLUDING AMENDMENTS AND ALL RELEVANT BRITISH STANDARDS AND GUIDANCE.
2. THIS DRAWING SHALL BE READ IN COLOUR

DRAWING NOTES

1) DEPTH OF SERVICES AND LEVELS STATED SHALL BE ADHERED TO, SHOULD THE FINISHED SURFACE LEVEL CHANGE, THE SERVICES DEPTH SHALL BE ADJUSTED TO SUIT.

2) CONTRACTOR SHALL LIAISE AND OBTAIN LOCATION FROM EXISTING UTILITY SERVICE PROVIDERS (GAS, POWER, TELECOMMS AND WATER) TO ENSURE ALL SERVICES ARE CO-ORDINATED WITH EXISTING UNDERGROUND SERVICES.

4) CONTRACTOR TO ALLOW FOR DRAWPITS EVERY 50M AND WHERE DUCTS CHANGE IN DIRECTION.

5) TIMECLOCK AND PHOTOCELL SENSORS SHALL BE UTILISED IN ORDER TO COMPLY WITH BS EN12464-2 AND CIBSE LIGHTING GUIDE 6. WHEREBY THE LUMINAIRES SHALL OPERATE DURING DUSK AND DAWN HOURS. DURING POST-CURFEW HOURS (AFTER 11PM - TIME TO BE AGREED WITH CLIENT) LIGHTING TO BE SWITCHED OFF BETWEEN 8AM-6PM. ALL PROPOSED LUMINAIRES SHALL OPERATE VIA TIMECLOCK, PHOTOCELL SENSOR (DAYLIGHT DIMMING) AND MANUAL ON/OFF. MANUAL ON/OFF SWITCH SHALL BE PROVIDED WITHIN THE CONTROL ROOM.

6) CONTRACTOR TO USE BREAKERS THAT MATCH THE EXISTING MANUFACTURE TYPE WITHIN THE HATCHERY.

REV	DATE	DESCRIPTION	BY	VE
T6	OCT'20	UPDATED TO SUIT LATEST REQUIREMENTS	MR	NR
T5	OCT'20	UPDATED TO SUIT COMMENTS	JO	NR
T4	OCT'20	UPDATED TO SUIT LATEST COMMENTS	MR	NR
T3	OCT'20	UPDATED TO SUIT LATEST COMMENTS	MR	NR
T2	OCT'20	UPDATED TO SUIT LATEST CLIENT REQUIRMENTS	MR	NR
T1	AUG'20	ISSUED FOR TENDER	MR	BF

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Leeds | +44(0) 113 247 0709
Bristol | +44(0) 117 315 3293
Leicester | +44(0) 116 255 7097
London | +44(0) 203 870 4790
Manchester | +44(0) 161 974 7536

RIBA STAGE 2 ☐ RIBA STAGE 3 ☐ RIBA STAGE 4 ☒

STATUS: TENDER

CLIENT: JCB

PROJECT: WARDLOW QUARRY
NVH TEST PAD

DRAWING TITLE: EXTERNAL ELECTRICAL SERVICES LAYOUT - NVH TEST PAD

SCALE (A0)	DATE	BY	VE
1:100	AUG'20	MR	BF

DRAWING NUMBER: 191094-E-EXT-00-01
REV: T6
FILE: XREF(S):