

EXTERNAL ACCESS CONTROL OPERATION NOTES

EAC-1 GATE TO BE PROVIDED WITH MAGLOCK WITH CARD/FOB ENTRY AND IP65 RATED GREEN PUSH TO EXIT/ EMERGENCY BREAKGLASS. PROVIDE VIDEO INTERCOM LINK TO MAIN RECEPTION.

EAC-2 GATE TO BE SECURED WITH MAGLOCK, CARD/FOB READER TO ENTER AND EXIT WITH EMERGENCY ESCAPE BREAK GLASS.

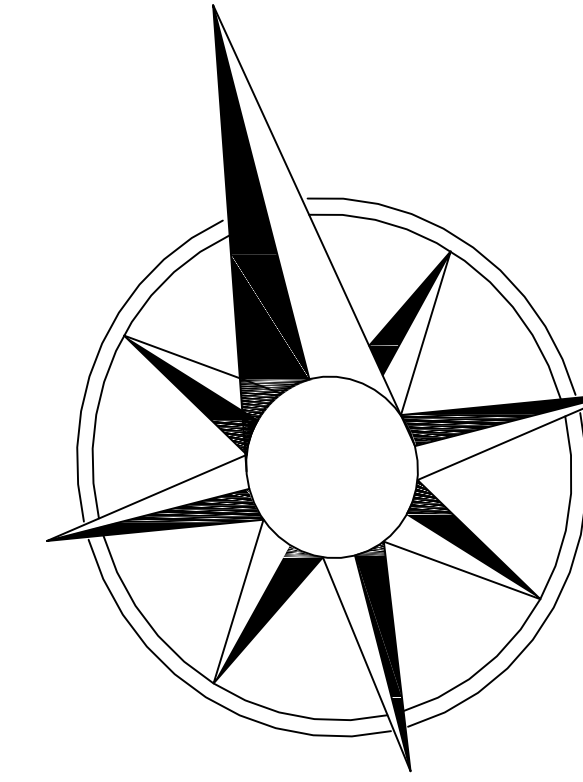
EAC-3 GATE TO BE PROVIDED WITH MAGLOCK WITH CARD/FOB ENTRY AND IP65 RATED GREEN PUSH TO EXIT/ EMERGENCY BREAKGLASS. PROVIDE VIDEO INTERCOM LINK TO MAIN RECEPTION. GATE TO BE PROVIDED WITH AUTO OPENING/CLOSING ACTUATOR RELEASE AND OPEN OPERATED FROM RECEPTION. CONTROLS TO BE SITUATED IN IP65 RATED ENCLOSURE ON SECURE SIDE OF FENCE.

LEGEND

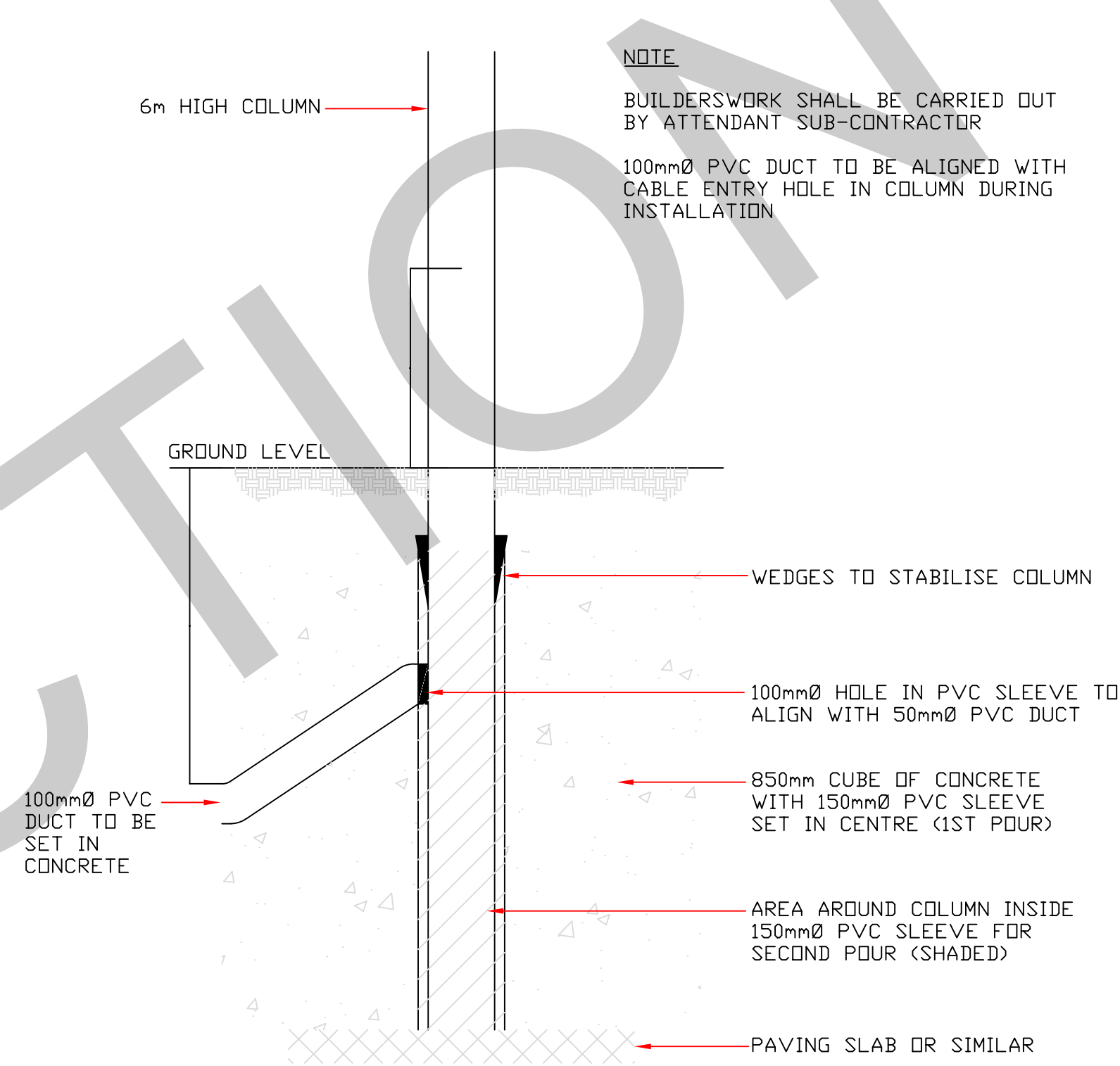
- 1500 uPVC DUCT
- TRENCH FOR MAINS CABLES, SOFT STONE COVERING UNDERNEATH AND ABOVE, WARNING TAPE INSTALLED ON TOP.
- WPD SHOWN FOR REFERENCE ONLY.
- BT SHOWN FOR REFERENCE ONLY.
- CABLE INSPECTION/DRAW CHAMBER
- GRP FEEDER PILLAR ON CONCRETE BASE

CCTV LEGEND

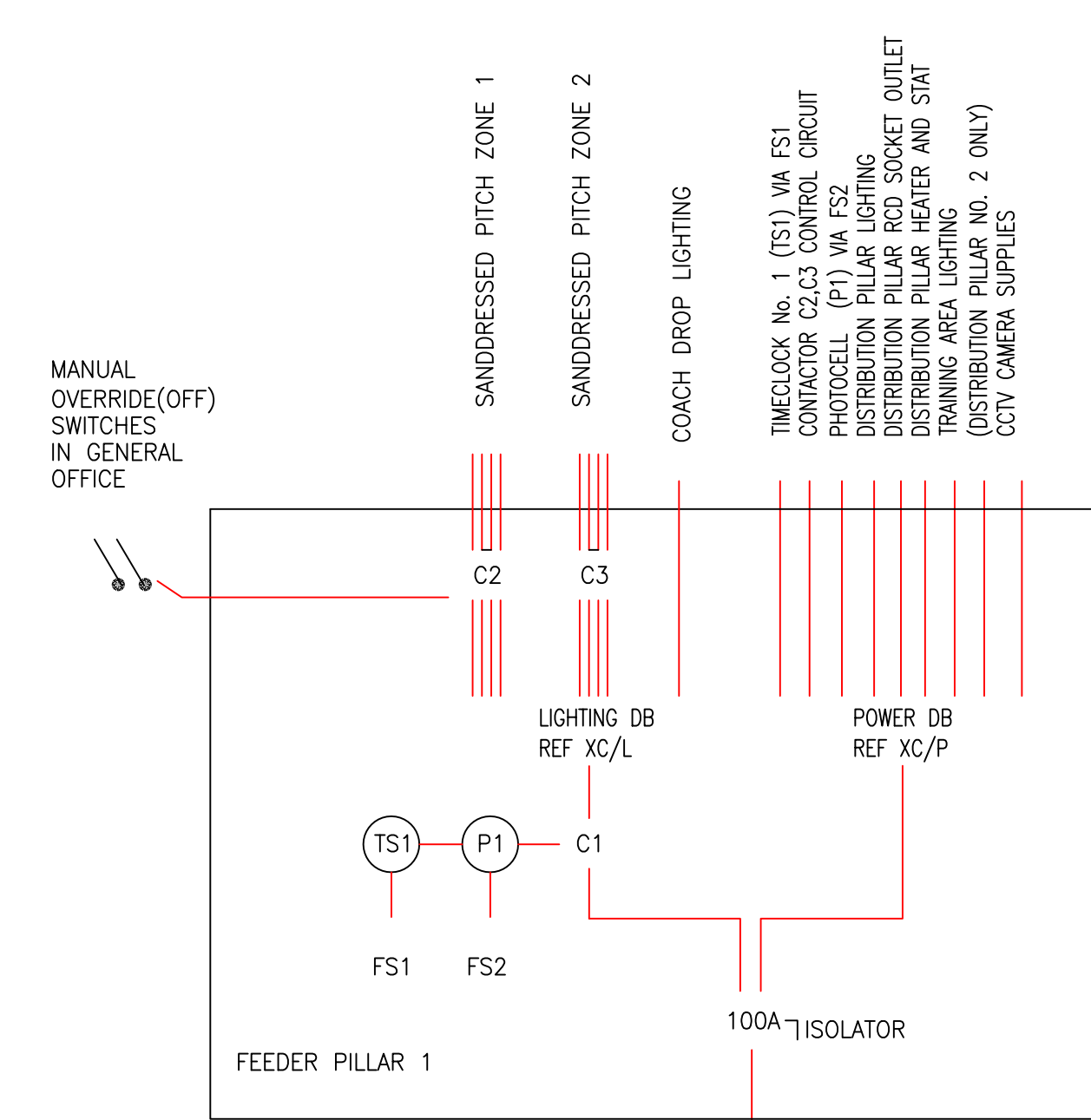
- CCTV MOUNTING COLUMN
- FIXED CCTV CAMERA



TYPICAL BUILDERSWORK DETAIL FOR 6m HIGH EXTERNAL LIGHTING COLUMN(S)



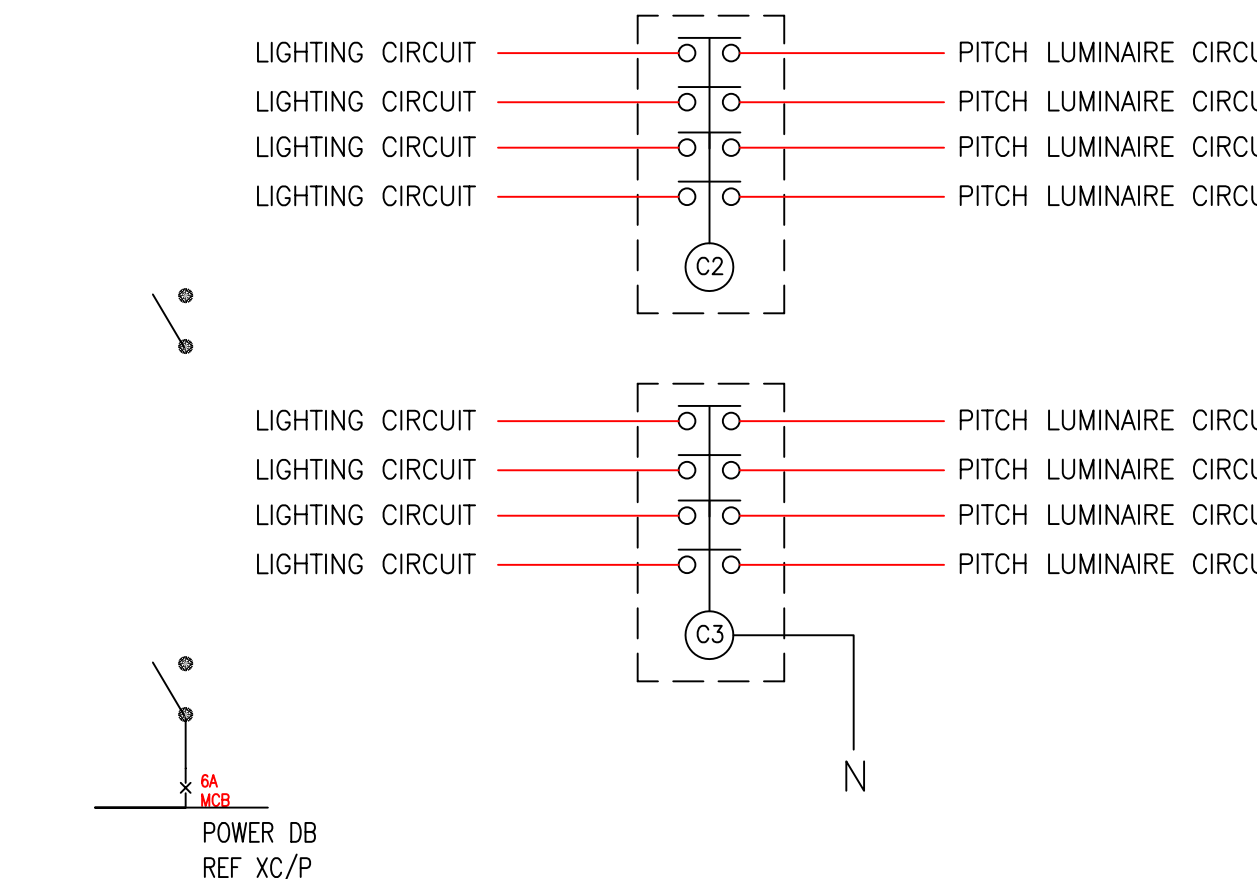
FEEDER PILLAR 1 SCHEMATIC DETAIL(NTS)



NOTES

- LIGHTING DB CONTROLLED VIA CONTACTORS C1 AND C2,C3 TO ENABLE THE COACH DROP LIGHTING AND THE SAND DRESSED PITCH LIGHTING TO BE SWITCHED SEPARATELY. ADDITIONALLY THE EXIST LIGHTING SHALL BE SPLIT INTO TWO SEPARATE ZONES WHICH SHALL ALSO BE MANUALLY CONTROLLED FROM THE MAIN OFFICE. ALL LIGHTING TO SWITCH OFF AT 10PM.
- C1 - CONTACTOR No. 1 - 3 POLE ENCLOSED CONTACTOR C/W ISOLATOR 100A RATING.
C2, C3 - CONTACTOR No. 2 AND 3 - 4 POLE ENCLOSED CONTACTOR RATED AT 32A PER POLE FOR MIXED LIGHTING LOAD.
TS1 - TIMESWITCH No. 1 - 1 POLE, 1 THROW, 20A RATED SOLAR DIAL TIMESWITCH (1 ON, 1 OFF TIME)
P1 - PHOTO-ELECTRIC CELL - STANDARD PHOTO-ELECTRIC CELL TO FS1, FS2.
- FUSED CONNECTION UNITS RATED AT 13A.
- PHOTO-ELECTRIC CELL REF P1 SHALL BE MOUNTED ON THE FEEDER PILLAR.

PITCH_ZONE_CONTROL_VIA_CONTACTOR_WITH_MANUAL_OVERRIDE-DETAIL(NTS)



WORKING DRAWING

C01	07-12-2020	CONSTRUCTION ISSUE
P02	29-01-2020	DETAILS ADDED TO LAYOUT
REV	DATE	DESCRIPTION
LANYON HOUSE, MISSION COURT, NEWPORT, SOUTH WALES. NP20 2DW TEL: 01633 242450 FAX: 01633 242451 www.whiteheads.co.uk		
Project: CEFN SAESON SCHOOL		Title: ELECTRICAL ENGINEERING SERVICES EXTERNAL SERVICES
Drawn by: M.J.C	Date: 16-01-2020	Scale: N.T.S.B.A0
Revision: 26/007-VBS-XX-KX-DR-E-6001	C01	