



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. FEEDER PILLAR TO BE ENERGISED PRIOR TO COMMENCEMENT OF TRAFFIC SIGNAL INSTALLATION WORKS.
3. THE CASING SHALL BE CONSTRUCTED OF MILD STEEL WITH MINIMUM THICKNESS 3mm AND SHALL HAVE A HOT DIP GALVANISED FINISH.
4. THE ORIENTATION OF THE PILLAR SHALL BE CONFIRMED ON SITE BY THE OVERSEEING ORGANISATION.
5. THE CONTRACTOR SHALL PROVIDE A 100mm DIA. ORANGE COLOURED DUCT (DESIGNED FOR ELECTRICITY USE) BETWEEN THE PILLAR AND THE TRAFFIC SIGNAL CONTROLLER. THE DUCT SHALL BE TAKEN DIRECTLY INTO THE CONTROLLER VIA THE ROOT BASE AND TERMINATED ABOVE GROUND LEVEL.
6. THE ACCESS SHALL BE VIA A SECURE LOCKING SIDE HINGED DOOR WITH AN IP65 RATED DOOR SEAL TO PREVENT INGRESS OF RAIN AND TO BE RESISTANT TO VANDALISATION. THE DOOR SHALL BE SECURED WITH TRI-CAM LOCKS.
7. FOR TRAFFIC SIGNALS AND PEDESTRIAN CROSSINGS, THE INCOMING ELECTRICITY SUPPLY SHALL BE 230V 50Hz. PILLAR TO BE INSTALLED WITH A MAINS CUT OUT WITH A MINIMUM 25 AMP RATED FUSE AND AN ISOLATOR SWITCH WITH A 20 AMP RATED FUSE.
8. FOR CCTV, THE INCOMING ELECTRICITY SUPPLY SHALL BE 230V 50Hz. PILLAR TO BE INSTALLED WITH A MAINS CUT OUT WITH A 3 AMP RATED FUSE. AN ISOLATOR SWITCH IS NOT REQUIRED FOR CCTV INSTALLATIONS.
9. THE MAINS CUT OUT SHALL BE LOCATED TOWARDS THE BASE OF THE PILLAR, SECURED TO THE PLYWOOD FUSE BOARD. THE ISOLATOR SWITCH (TOFCO 2 MODULE ISOLATOR UNIT OR SIMILAR) SHALL BE LOCATED TOWARDS THE TOP OF THE PILLAR, SECURED TO THE PLYWOOD FUSE BOARD.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

STANDARD DETAILS

DRAWING TITLE

POWER SUPPLY PILLAR FOR TRAFFIC SIGNALS, PEDESTRIAN CROSSINGS AND CCTV

HCC CADplot: 18.Sep.2015 at 2:17pm		
DRAWN	CHECKED	SCALE @ A3
MC	JM	N.T.S
CAD	APPROVED	DATE
MC	CP	July 2015
DRG No.	REVISION	
HCC10/T/045	-	

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HCC CADfile: K:\Eng\Standard\AutoCAD\Standard Details (Secure) As Updated Dec 2011\2015 STANDARD DETAILS-NOT YET RELEASED\T-Series\T-045.dwg