

FRONT ELEVATION

SECTION A - A

SIDE ELEVATION

PANEL FACIA LAYOUT

GLAND PLATE DETAIL
CLASS -S (fm=2.5)

SAMPLE WIRING SCHEMATIC

MOUNTING PLATE LAYOUT

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT Q.C.S. UNLESS OTHERWISE AGREED WITH THE ENGINEER.
 3. THE LOCATION AND ORIENTATION OF FEEDER PILLARS SHALL BE FINALIZED ON SITE TO AVOID OBSTRUCTING PEDESTRIAN ROUTES WHILE STILL PROVIDING SAFE MAINTENANCE ACCESS AND WORKING SPACE AS AGREED WITH THE ENGINEER AND THE UTILITY AUTHORITY.
 4. MATERIAL AND CONSTRUCTION OF FEEDER PILLAR SHALL BE AS PER THE LOCAL UTILITY AUTHORITY REQUIREMENTS AND TO THE APPROVAL OF THE ENGINEER.
 5. RATING OF THE CIRCUIT BREAKER, CONTACTOR, BUSBARS ETC. SHALL BE OPTIMIZED AS PER SITE CONDITIONS WHILE COMPLYING TO LOCAL AUTHORITY REQUIREMENTS.
 6. 25% SPARE OUTGOING CIRCUIT CAPACITY SHALL BE PROVIDED AS PER Q.C.S. CLAUSE 15.13.
 7. FEEDER PILLAR ENCLOSURE SHALL BE GRP, FLOOR MOUNTING, WITH CANOPY SUITABLE FOR OUTDOOR APPLICATIONS AND SHALL BE MINIMUM IP54.
 8. FEEDER PILLAR DIMENSIONS ARE APPROXIMATE. FINAL SIZE PER APPROVED MANUFACTURERS REQUIREMENTS.
 9. FEEDER PILLAR FOUNDATION SIZE SHALL BE AS PER THE ACTUAL PHYSICAL DIMENSION OF FEEDER PILLAR CABINET.
 10. EACH FEEDER PILLAR TO BE PROVIDED WITH SEPARATELY MOUNTED kWh METER, AGAIN SUBJECT TO THE APPROVAL OF ASHGHAL/KAHRAMAA AS APPROPRIATE.
 11. THE CONTRACTOR SHALL SUBMIT DETAILS OF FEEDER PILLAR CONSTRUCTION TO ASHGHAL O&M DEPARTMENT PRIOR TO CONSTRUCTION FOR THEIR REVIEW AND APPROVAL.
 12. A WEATHER PROOF FLUORESCENT BATTEN LIGHT SHALL BE INSTALLED WITHIN THE FEEDER PILLAR TO ALLOW WORK TO BE UNDERTAKEN AT NIGHT.
 13. THE CONTRACTOR IS TO PROVIDE A SCHEMATIC OF THE WIRING CABLE IN A PLASTIC FOLDER PERMANENTLY AFFIXED TO THE INSIDE OF THE PILLAR.
 14. DUE CARE AND CONSIDERATION OF PLACEMENT OF FEEDER PILLARS MUST BE TAKEN TO LOCATE FEEDER PILLARS AWAY FROM THE EDGE OF RUNNING CARRIAGEWAYS BY ENSURING A CLEAR ZONE AS PER QHDM.
 15. IF DUE TO SPACE CONSTRAINTS FEEDER PILLARS NEED TO BE PLACED NEAR THE CARRIAGEWAY AND THERE IS A REQUIREMENT FOR PROTECTING AND PREVENTING PARKING NEAR THEM, PASSIVELY SAFE BOLLARDS (AS APPROVED BY ASHGHAL) TO BE USED.
 16. AVOID OBSTRUCTION OF FOOTPATHS AND CYCLE PATHS AND PLACE FEEDER PILLAR ON THE BACK OF THE FOOTPATH/ CYCLE PATH BY ENSURING THE STANDARD FOOTPATH/CYCLE PATH WIDTH IS MAINTAINED AS PER QHDM.

COMPONENT LIST	
MCCB	MOULDED CASE CIRCUIT BREAKER
MCB	MINIATURE CIRCUIT BREAKER
TC	TIMER
PC	PHOTOCELL
SS	SELECTOR SWITCH

4	24SEP2024	ISSUED FOR USE	
3	16JAN2023	ISSUED FOR USE	
2	21MOV19	ISSUED FOR USE	
1	20MAR16	ISSUED FOR USE	
0	15SEP13	ISSUED FOR USE	
Rev.	Date	Revision Details	Appd.

Public Works Authority

P.O.Box 22188
Tel. : (0974) 44950000
Fax. : (0974) 44950999
www.ashghal.gov.qa

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PROJECTS AFFAIRS

QCS Section: Section 6 - Road Works
Part 15 - Road Lighting

Drawing Title:

FEEDER PILLAR DETAILS

Approved:	Sheet No:	1 OF 1
Date:	Scale:	N.T.S.
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