

TYPICAL PILLAR SWITCHBOARD LAYOUT FOR USE WITHOUT PHOTOELECTRIC CELL CONTROL

**NOTES:**

1. ~~473~~ standard photocell is installed remotely from the ~~543~~ URD pillar switchboard. Refer standard drawing 1430.
2. Label circuits and terminals appropriately.
3. Refer (538) for switchboard assembly.
4. Install panel in URD pillar.
5. Permanently label item (538) as "Main Switch".
6. ~~Fix permanent label to (415) with "Night up Day down".~~
7. Refer Standard Drawing 1623 for circuit diagram.
8. Dimensions are in millimeters unless shown otherwise.
9. Make 50mm dia penetration in backboard for cables to connector blocks.

ASSOCIATED DEPARTMENTAL DOCUMENTS:

- Standard Drawings
- Specifications
- Electrical Design Manual for Roadside Devices Part 3, TRUM Vol 4.

REFERENCED DOCUMENTS:

- Departmental Standard Drawings:
  - 1430 Road Lighting – Switchboard Pillar Mounted
  - 1623 Road Lighting – Switchboard Typical Layout and Circuit Diagram MEN System
  - 1699 Traffic Signals/Road Lighting/ITS – Parts List

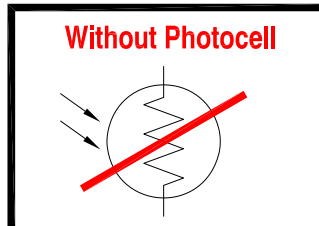
Departmental Specifications:

- MRTS228 Electrical Switchboards

Australian Standards:

- AS/NZS 3000 Electrical Installations (Wiring Rules)

**SCOPE OF THIS STANDARD DRAWING**  
 Pillar switchboard should only be used where disconnect times cannot be met on steel switchboard. (Refer TMR Electrical Design Manual for Roadside Devices). TMR approval must be obtained before installation of Pillar switchboard.



Department of Transport and Main Roads			
ROAD LIGHTING			
SWITCHBOARD TYPICAL PILLAR LAYOUT SHEET 1 OF 2		A3 Not to Scale	Standard Drawing No <b>1676</b> Date 3/2021
A	B	C	D

