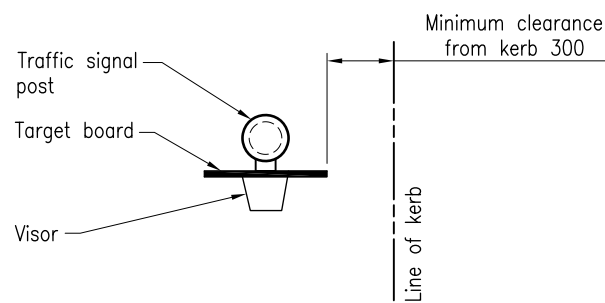


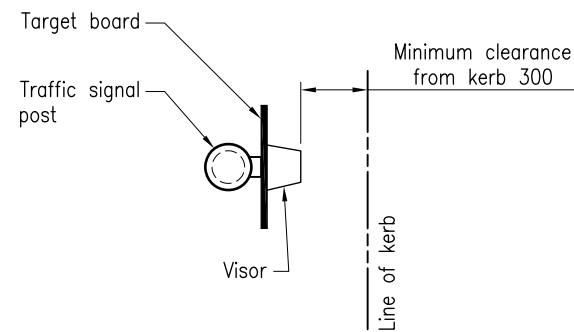
DETAIL 1
EARTHING ASSEMBLY

Refer Note 8 and 9

INSTALLATION OF CONDUITS AND PITS IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAL CONTRACTOR

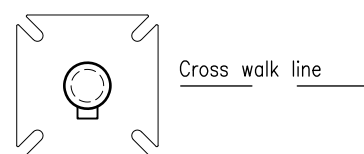


VISOR IN LINE WITH KERB

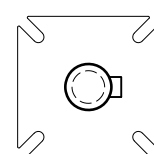


VISOR PERPENDICULAR WITH KERB

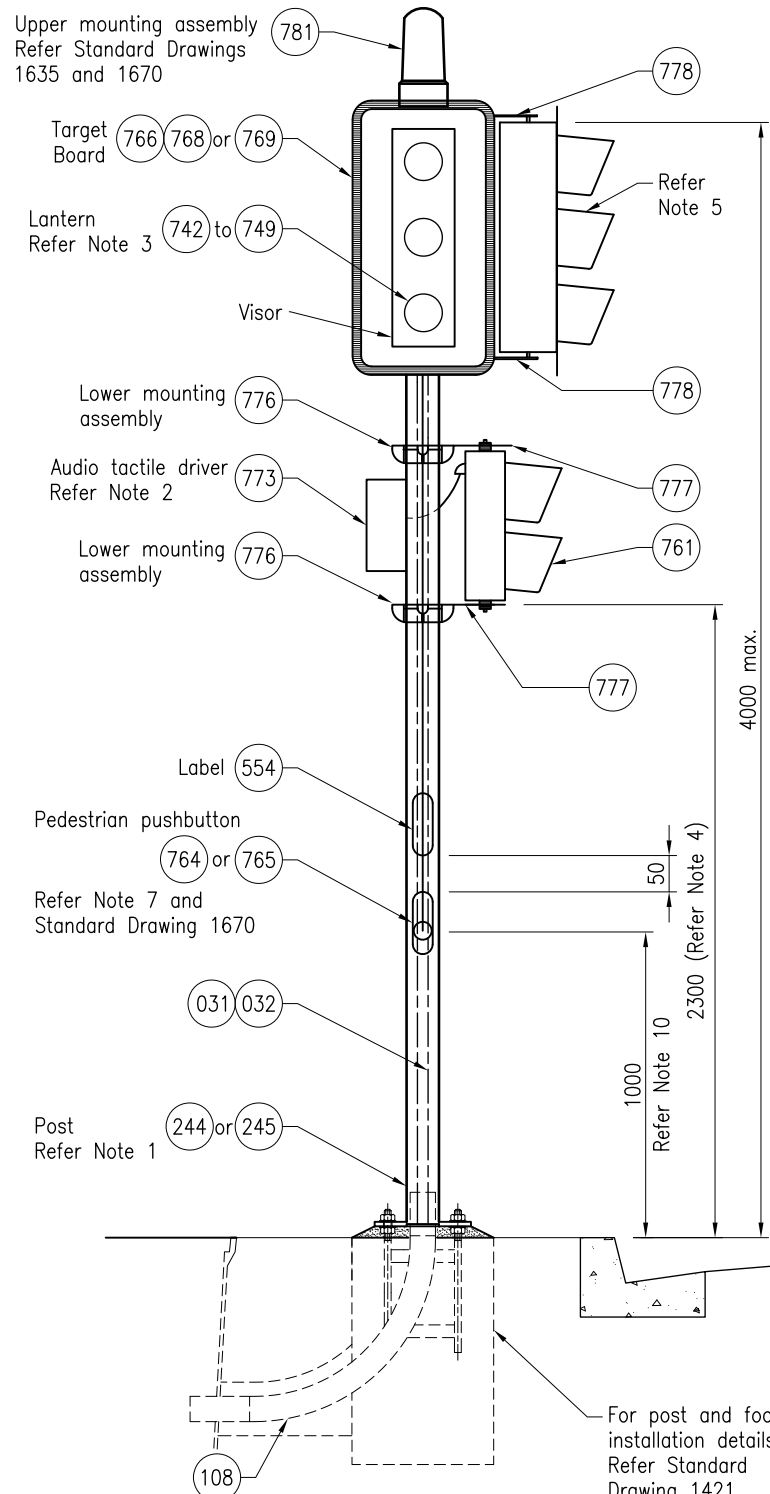
CLEARANCE REQUIREMENT



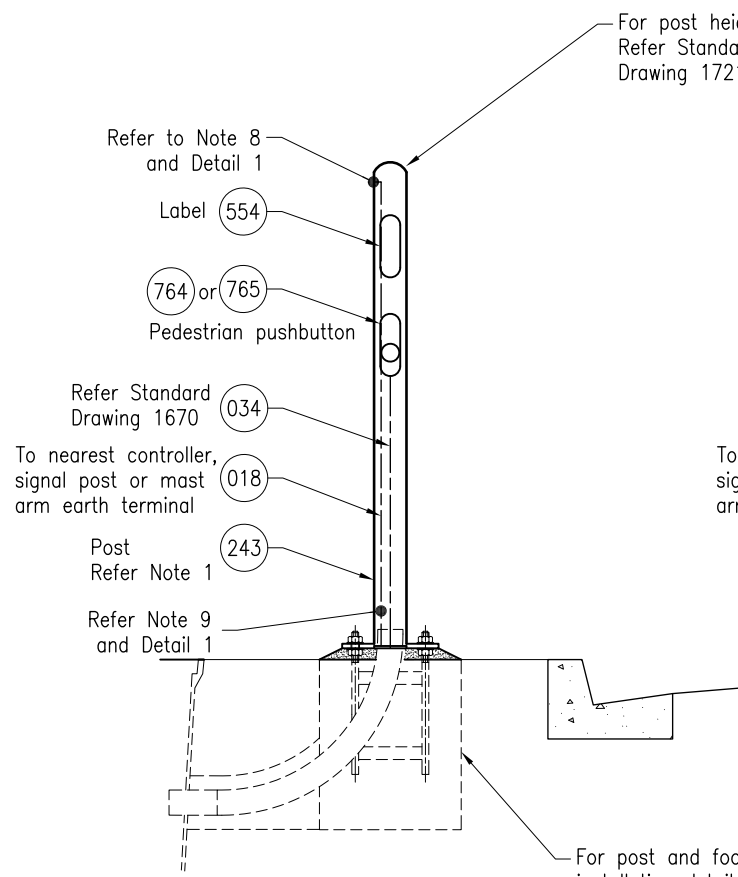
Direction of pedestrian travel



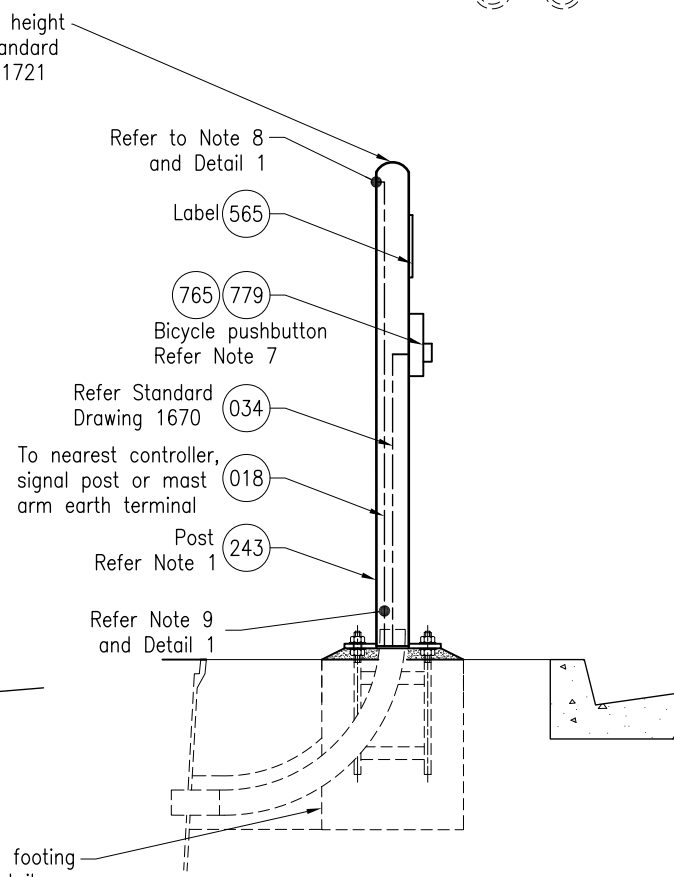
Direction of bicycle travel



TRAFFIC SIGNAL POST GENERAL ARRANGEMENT



PEDESTRIAN PUSHBUTTON POST GENERAL ARRANGEMENT



BICYCLE PUSHBUTTON POST GENERAL ARRANGEMENT

NOTES:

- Types (245) for general use.
(244) for use under awnings and for pedestrian lanterns only.
(243) for pedestrian/bicycle pushbutton post.
 - (773) is used with (764). Audio tactile driver mounting orientation is shown indicatively only. Optimal orientation is to be determined on-site to facilitate maintenance access and to ensure ideal audio tactile driver microphone position. Position microphone as close as possible to parallel with the pushbutton without any obstruction. Mounting height to be no lower than 2.4m to underside of device.
 - Refer to project specific drawings
 - On (245) pedestrian lanterns are mounted below vehicle lanterns.

On (244) pedestrian lanterns are positioned to suit situation.
- Refer Guide To Traffic Management Part 10: Transport Control – Types of Devices
- Lanterns to be mounted offset to post to maintain minimum clearance to kerb. (Shown protruding for illustration of mounting only).
 - Refer Guide To Traffic Management Part 9: Traffic Operations for placement and orientation of pedestrian pushbuttons
 - Refer detail Bicycle Pushbutton Post General Arrangement for bicycle pushbutton and label installation. Bicycle pushbutton is a standard pushbutton with arrow replaced by bicycle escutcheon plate.
 - Drill hole and insert Hex bolt M8 x 55mm to affix earth cable to pedestrian push button post as per detail 1.
 - Alternative location for earth fixture. Drill hole (100mm from bottom) as per detail 1, where not possible or desirable to drill on top of post.
 - Pushbutton mounting height is with respect to the surface the pedestrian is intended to stand.
 - Dimensions are in millimetres unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1421 Traffic Signals – Traffic Signals Post and Footing Installation Details
1635 Traffic Signals – Traffic Signal Upper Mounting Assembly and Split Shell Assembly
1670 Traffic Signals – Traffic Signal Wiring Connections
1721 Traffic Signals – Base Mounted Traffic Signal Post – Assembly and Details
1699 Traffic Signals/Road Lighting/ITS – Parts List
KRG1 Kerb Ramp – Guidelines for the Installation of Tactile Ground Surface Indicators on Ramped Kerb Crossings
KRG2 Kerb Ramp – Application Examples for the Installation of Tactile Ground Surface Indicators on Ramped Kerb Crossings

Departmental Specifications:
MRTS93 Traffic Signals

Australian Standards:
AS/NZS 2144 Traffic Signal Lanterns
AS 2339 Traffic Signal Posts and Attachments
AS 2353 Pedestrian Push-button Assemblies
AS 2339 Traffic Signal Posts, Mast Arms and Attachments
Austrroads
Guide To Traffic Management Part 10: Transport Control – Types of Devices

Department of Transport and Main Roads				© The State of Queensland (Department of Transport and Main Roads) 2024 https://creativecommons.org/licenses/by/4.0/
TRAFFIC SIGNALS				
TRAFFIC SIGNAL POST BASE MOUNTED		A3	Standard Drawing No	
		Not to Scale	1428	
			Date 7/2024	