

Distribution Construction Standards

Part 09: M – Miscellaneous

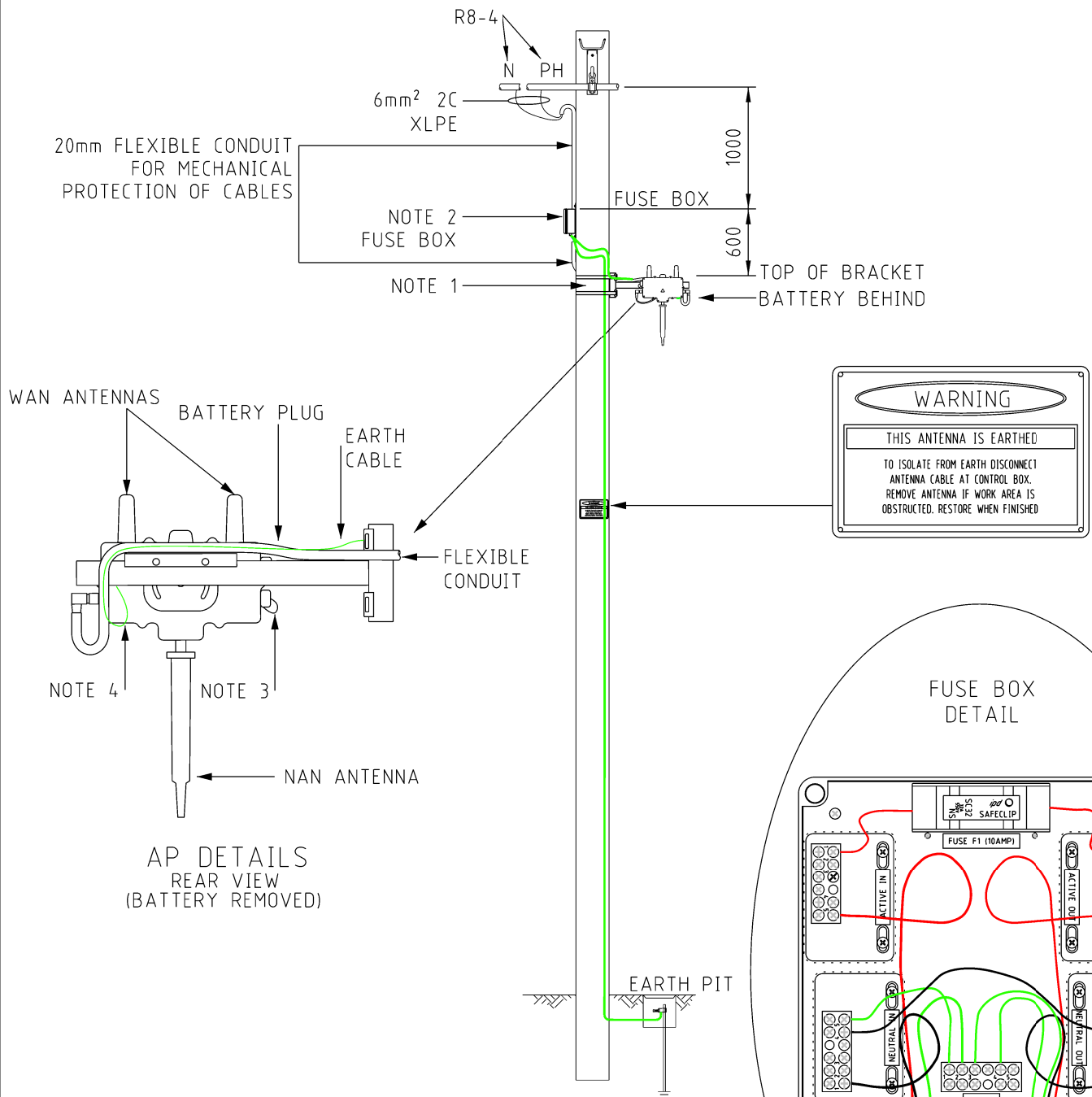
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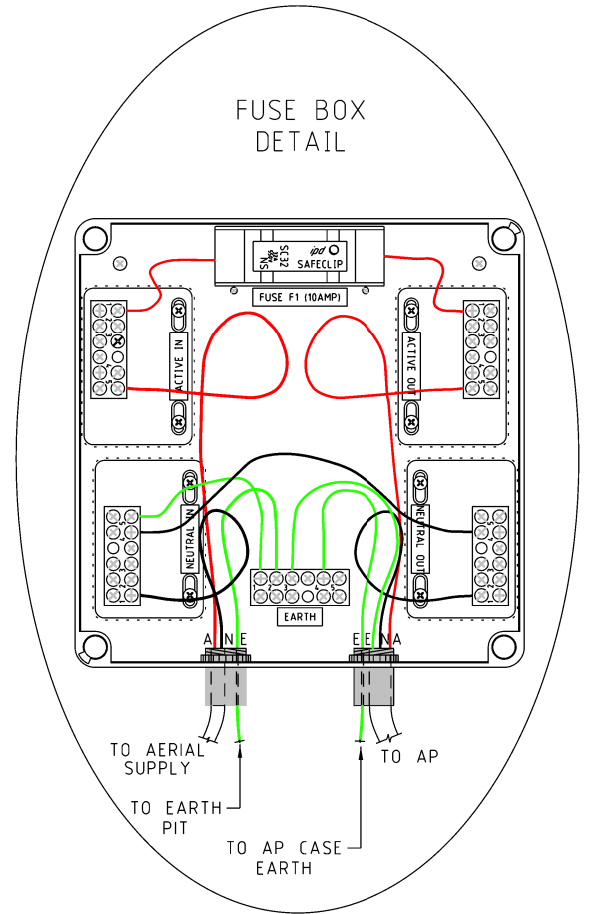
Part 9 – Miscellaneous – Drawing Register

Number	Description
M1-1	SSN Network Device with LV Aerial Supply (ABC) Arrangement
M1-2	SSN Network Device with LV Aerial Supply Arrangement (9.5m Pole)
M1-3	SSN Network Device with LV Aerial Supply Arrangement (11m Pole)
M1-4-1	SSN Network Device with Street Light Supply Class I Arrangement
M1-4-2	SSN Network Device with Street Light Supply Class I & II Hybrid Arrangement
M1-6	SSN Network Device with LV Kiosk (Type 1) Supply Arrangement (Above 100km Distance) – Street Light Pole
M1-7	SSN Network Device with LV Kiosk (Type 1) Supply Arrangement (Above 100km Distance) – Street Light Pole
M3-1	Pole Top Switch or Isolator Ground Clearing Details
M3-2	Expulsion Type Drop Out Fuse Ground Clearing Details
M5	WAPOL Camera Bracket Streetlight Attachment
M6	Overhead Fault Indicator Solar Connection



NOTES:

1. USE 2 x 32mm BANDIT STRAPS FOR STEEL POLES, FOR EXISTING WOOD POLES USE 2 x M16 x 400mm BOLTS.
2. FUSE BOX TO POLE USING 20mm BANDIT STRAPS (STEEL) OR 2 x M12 BOLTS (WOOD)
3. BATTERY AND LAN PLUG CAPS TO REMAIN IN PLACE UNTIL CABLE IS FITTED
4. TERMINATE EARTH CABLE TO AP CASE EXTERNAL EARTHING POINT



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ENGINEERING DIVISION

MISCELLANEOUS

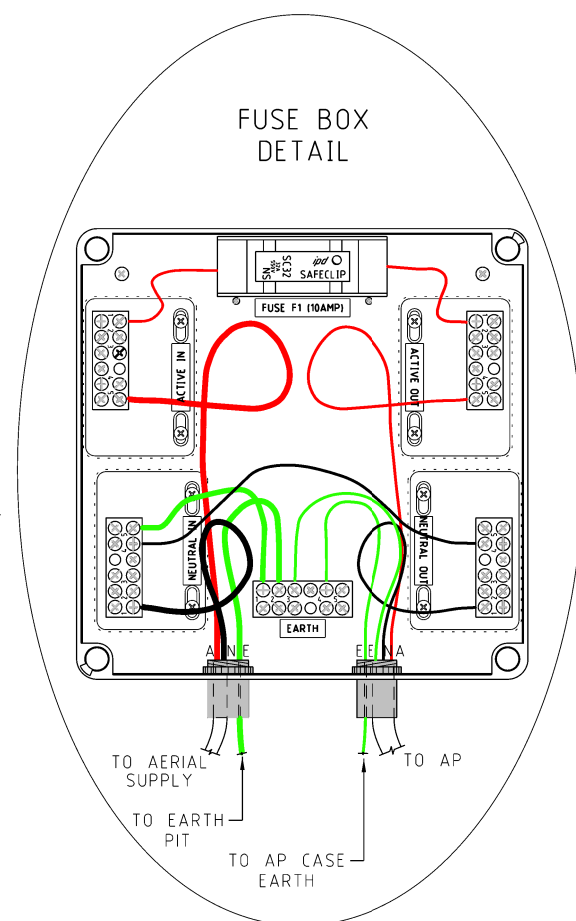
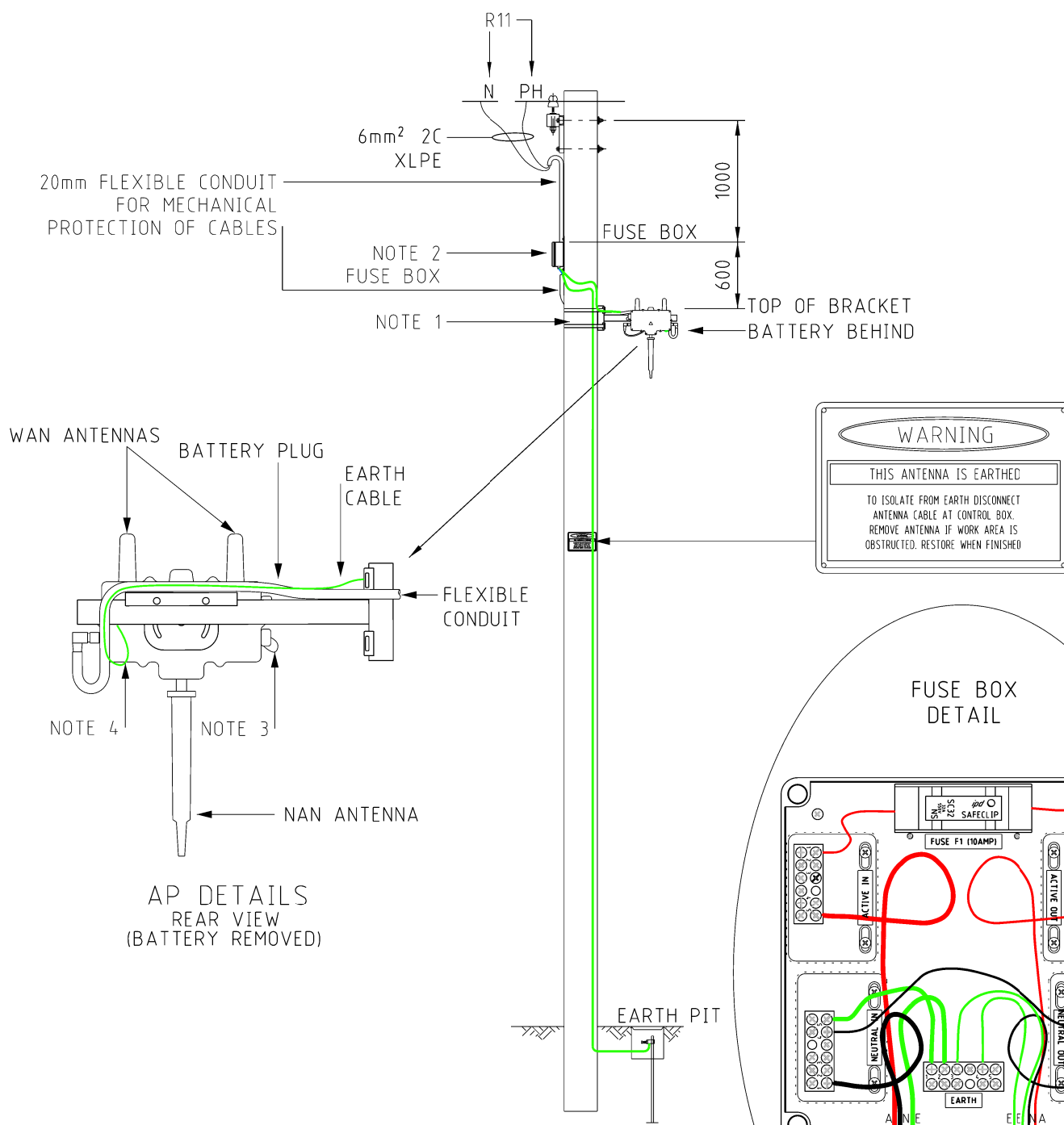
SSN NETWORK DEVICE
WITH LV AERIAL SUPPLY (ABC)
ARRANGEMENT

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E

DATE
22/01/2025

DRAWING No.

M1-1



NOTES:

1. USE 2 x 32mm BANDIT STRAPS FOR STEEL POLES, FOR EXISTING WOOD POLES USE 2 x M16 x 400mm BOLTS.
2. SECURE FUSE BOX TO POLE USING 20mm BANDIT STRAPS (STEEL) OR 2 x M12 BOLTS (WOOD)
3. BATTERY AND LAN PLUG CAPS TO REMAIN IN PLACE UNTIL CABLE IS FITTED
4. TERMINATE EARTH CABLE TO AP CASE EXTERNAL EARTHING POINT

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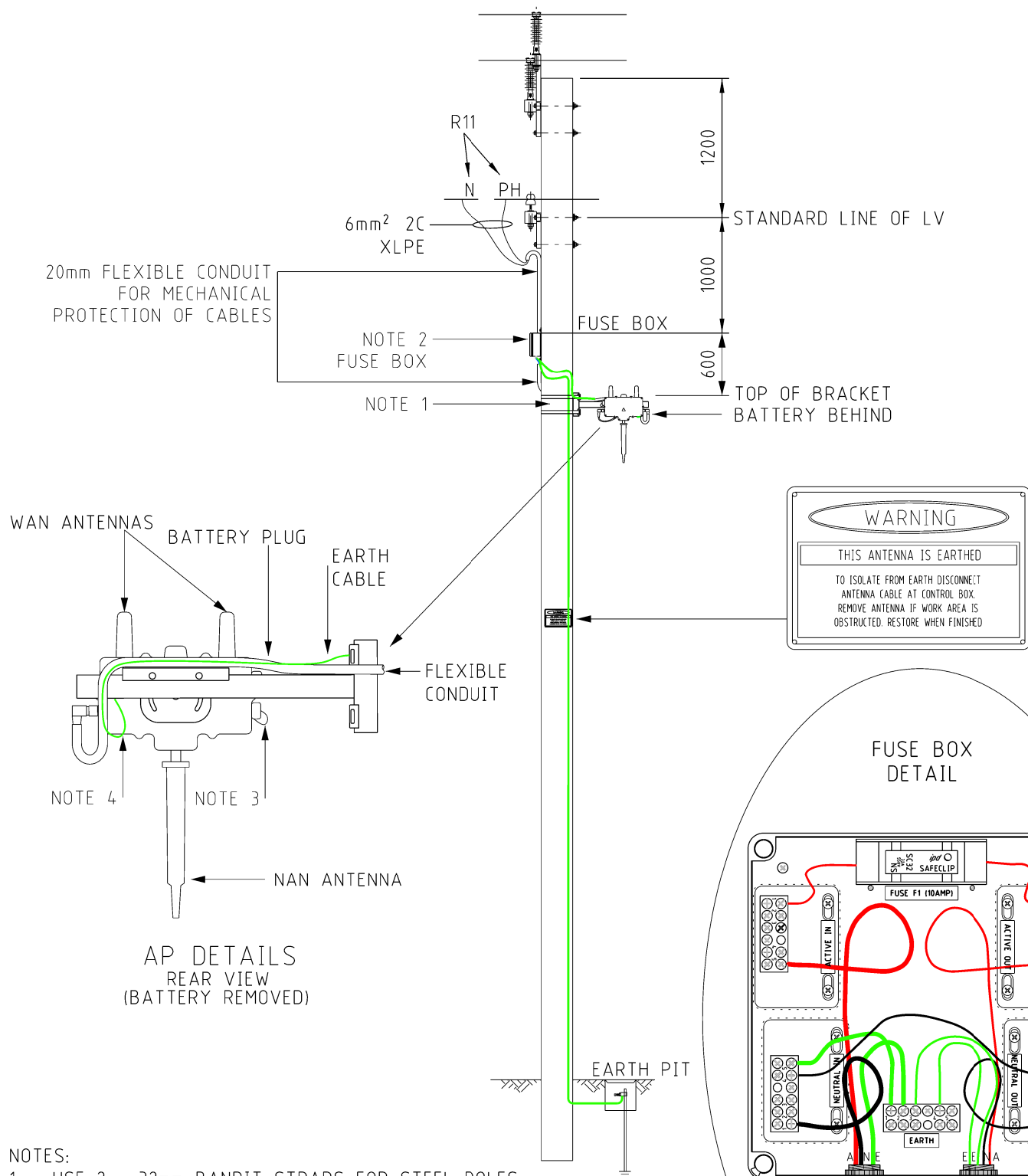
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SSN NETWORK DEVICE
WITH LV AERIAL SUPPLY ARRANGEMENT
9.5m POLE

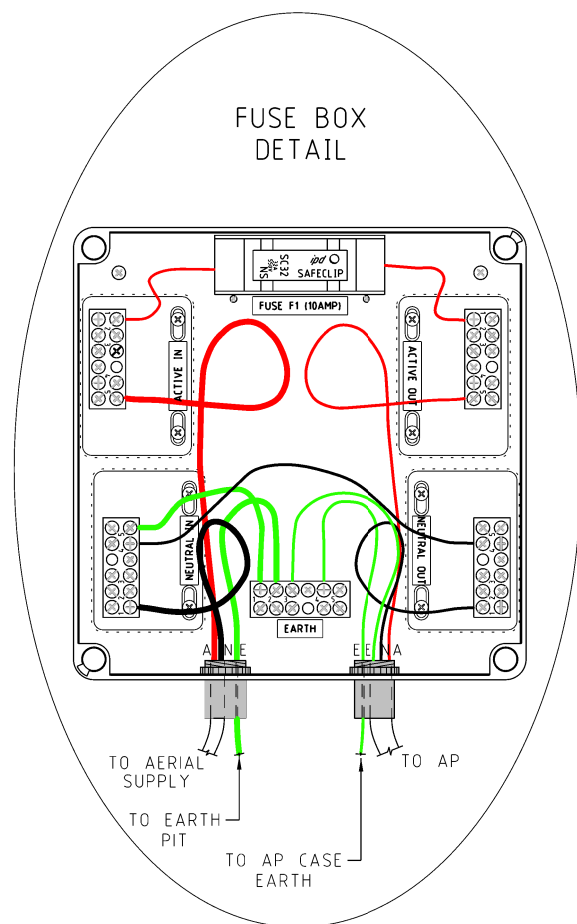
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DRAWING No.
M1-2



NOTES:

1. USE 2 x 32mm BANDIT STRAPS FOR STEEL POLES, FOR EXISTING WOOD POLES USE 2 x M16 x 400mm BOLTS.
2. SECURE FUSE BOX TO POLE USING 20mm BANDIT STRAPS (STEEL) OR 2 x M12 BOLTS (WOOD)
3. BATTERY AND LAN PLUG CAPS TO REMAIN IN PLACE UNTIL CABLE IS FITTED
4. TERMINATE EARTH CABLE TO AP CASE EXTERNAL EARTHING POINT



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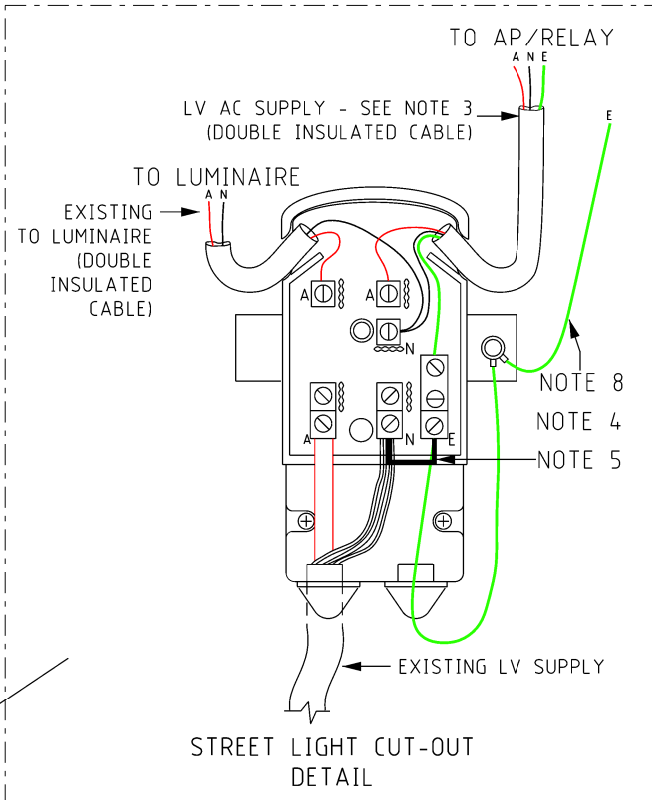
SSN NETWORK DEVICE
WITH LV AERIAL SUPPLY (ON HV POLE)
ARRANGEMENT 11m POLE

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M1-3

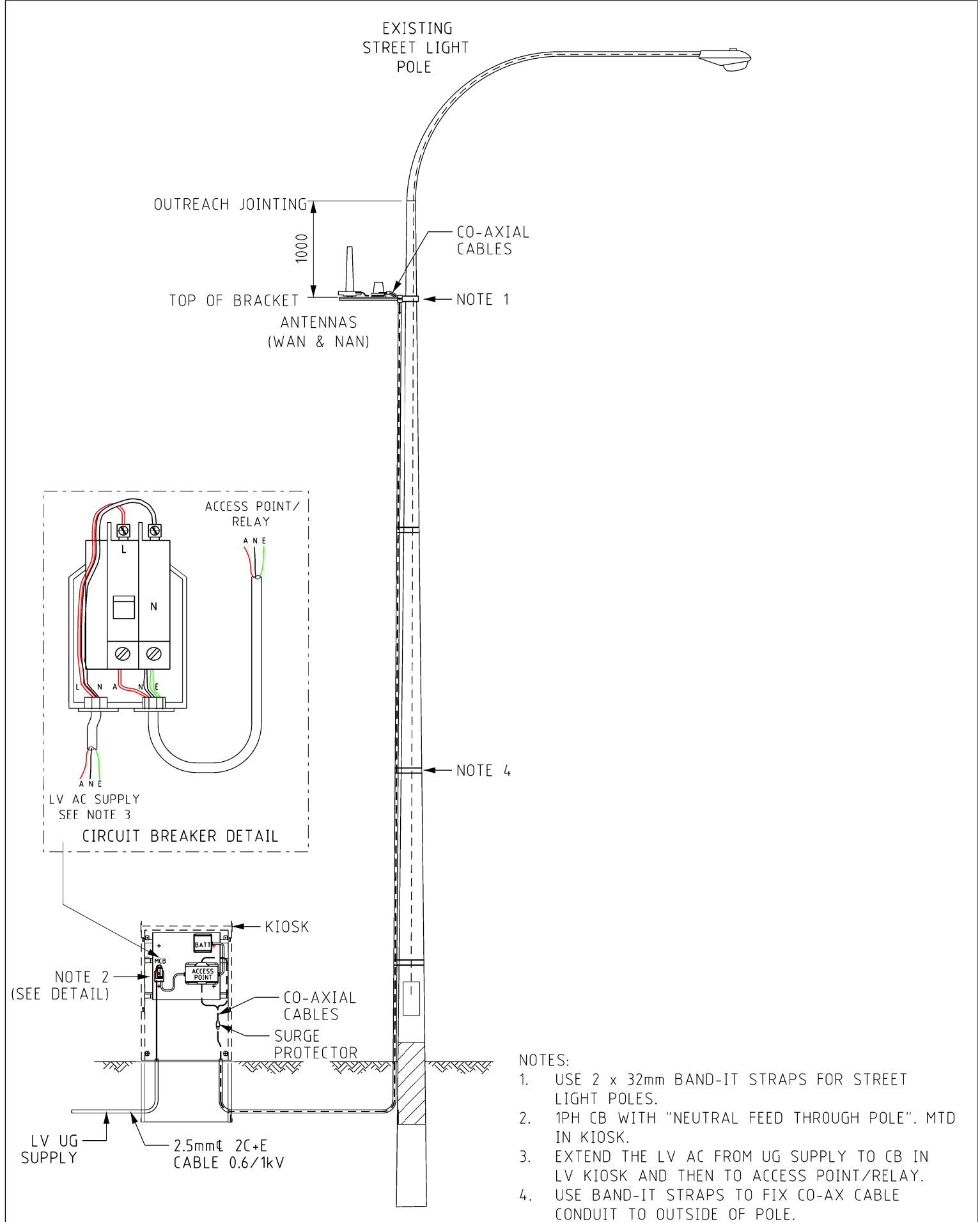


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SSN NETWORK DEVICE WITH STREET LIGHT SUPPLY CLASS 1 ARRANGEMENT

M1-4-1



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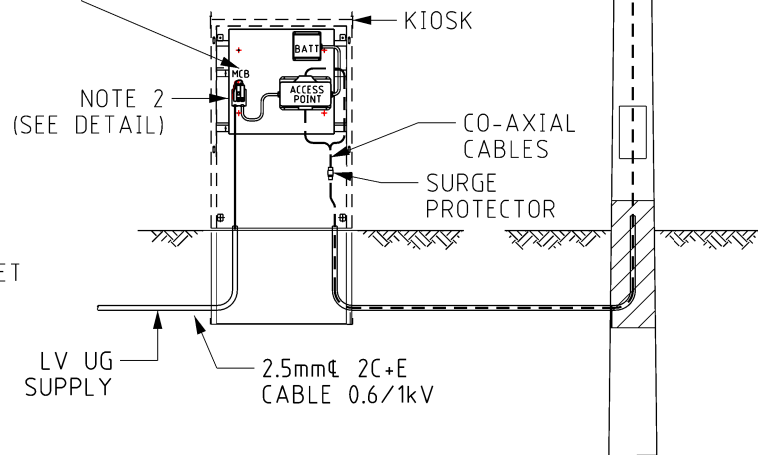
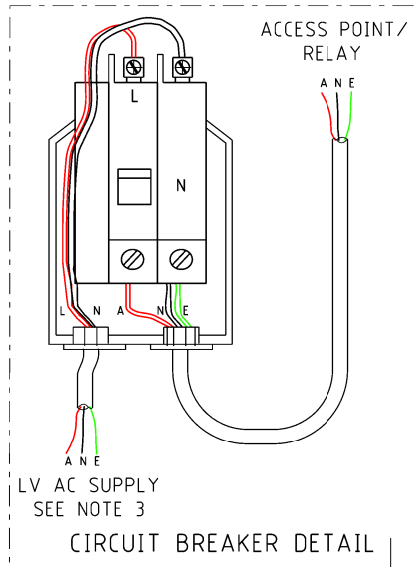
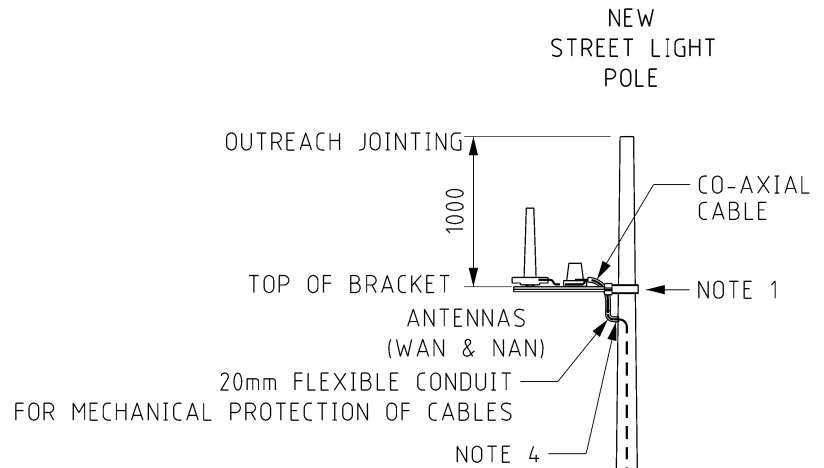
SSN NETWORK DEVICE
WITH LV KIOSK (TYPE-1) SUPPLY
ARRANGEMENT (ABOVE 100KM DISTANCE)

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DRAWING No.

M1-6



NOTES:

1. USE 2 x 32mm BANDIT STRAPS FOR STREET LIGHTING POLES.
2. 1PH CB WITH "NEUTRAL FEED THROUGH POLE". MTD IN KIOSK.
3. EXTEND THE LV AC SUPPLY FROM LV UG CABLE TO CB IN LV KIOSK AND THEN TO ACCESS POINT/RELAY.
4. DRILL A HOLE TO FIX 20mm RUBBER SEAL.

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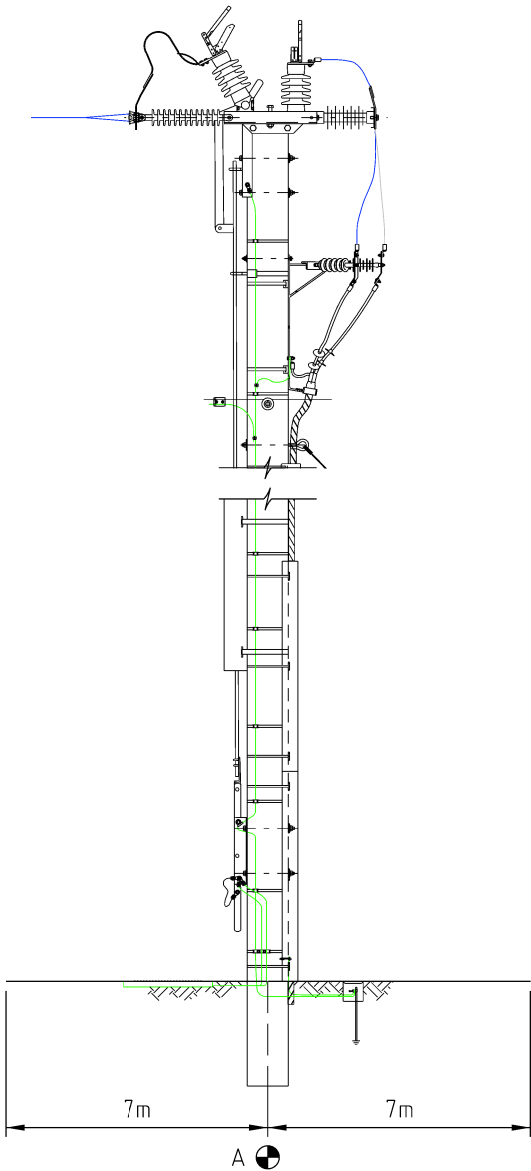
MISCELLANEOUS

SSN NETWORK DEVICE
WITH LV KIOSK (TYPE-1) SUPPLY
ARRANGEMENT (ABOVE 100KM DISTANCE)

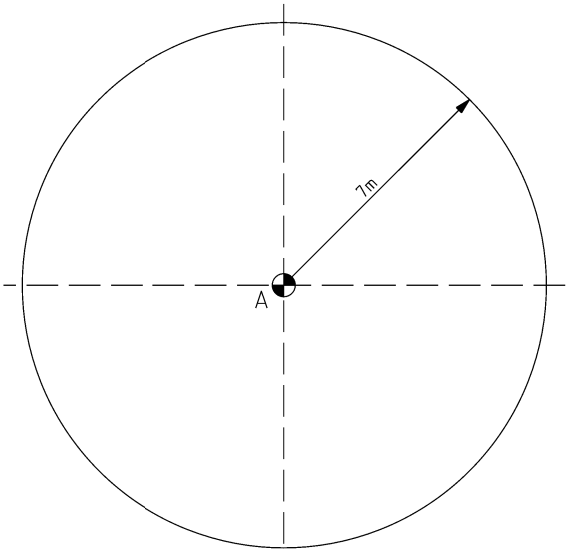
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DRAWING No.
M1-7

SIDE VIEW OF P.T.S



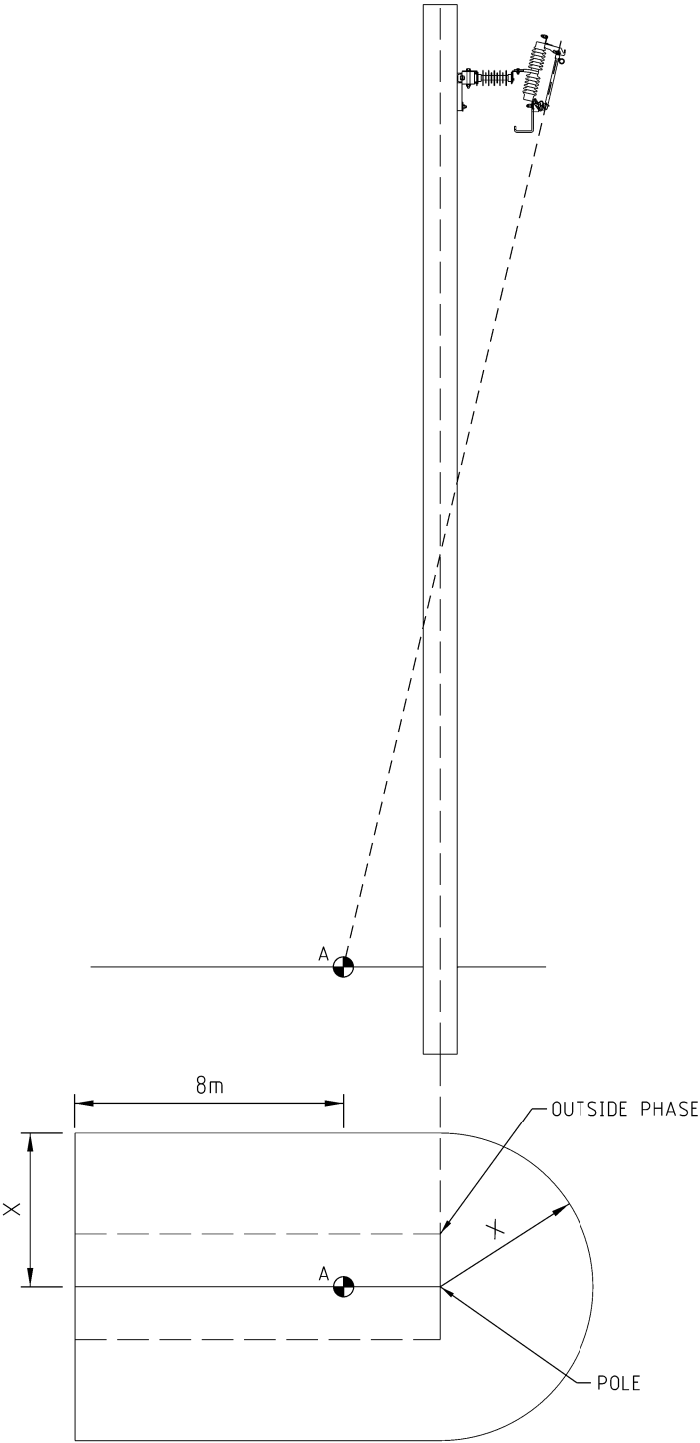
OVERHEAD VIEW



OVERHEAD VIEW SHOWS THE
FOOTPRINT TO BE CLEARED

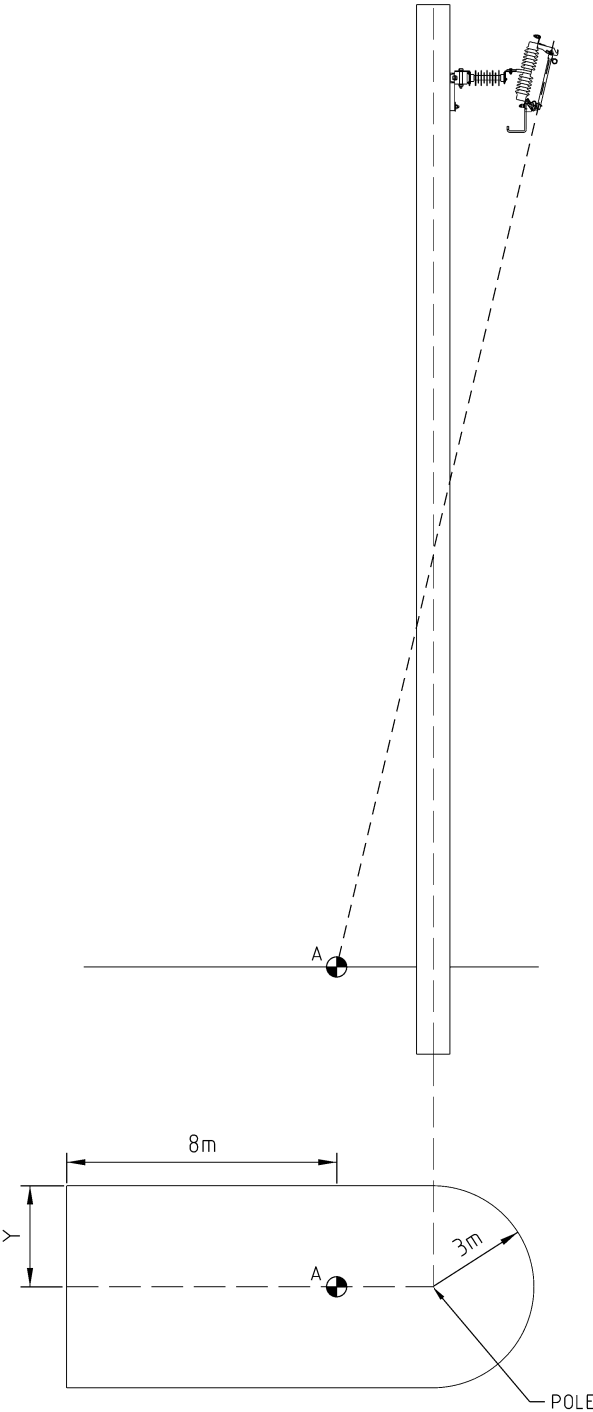
<div><p>DISTRIBUTION CONSTRUCTION STANDARDS</p></div> <div>ENGINEERING DIVISION</div>	MISCELLANEOUS	REVISION C	DATE 22/01/2025
	POLE TOP SWITCH OR ISOLATOR GROUND CLEARING DETAILS	DRAWING No.	M3-1

CASE 1: THREE PHASE POLE



X = DISTANCE FROM CENTRE OF
POLE TO OUTSIDE PHASE + 3m

CASE 2: SINGLE PHASE POLE

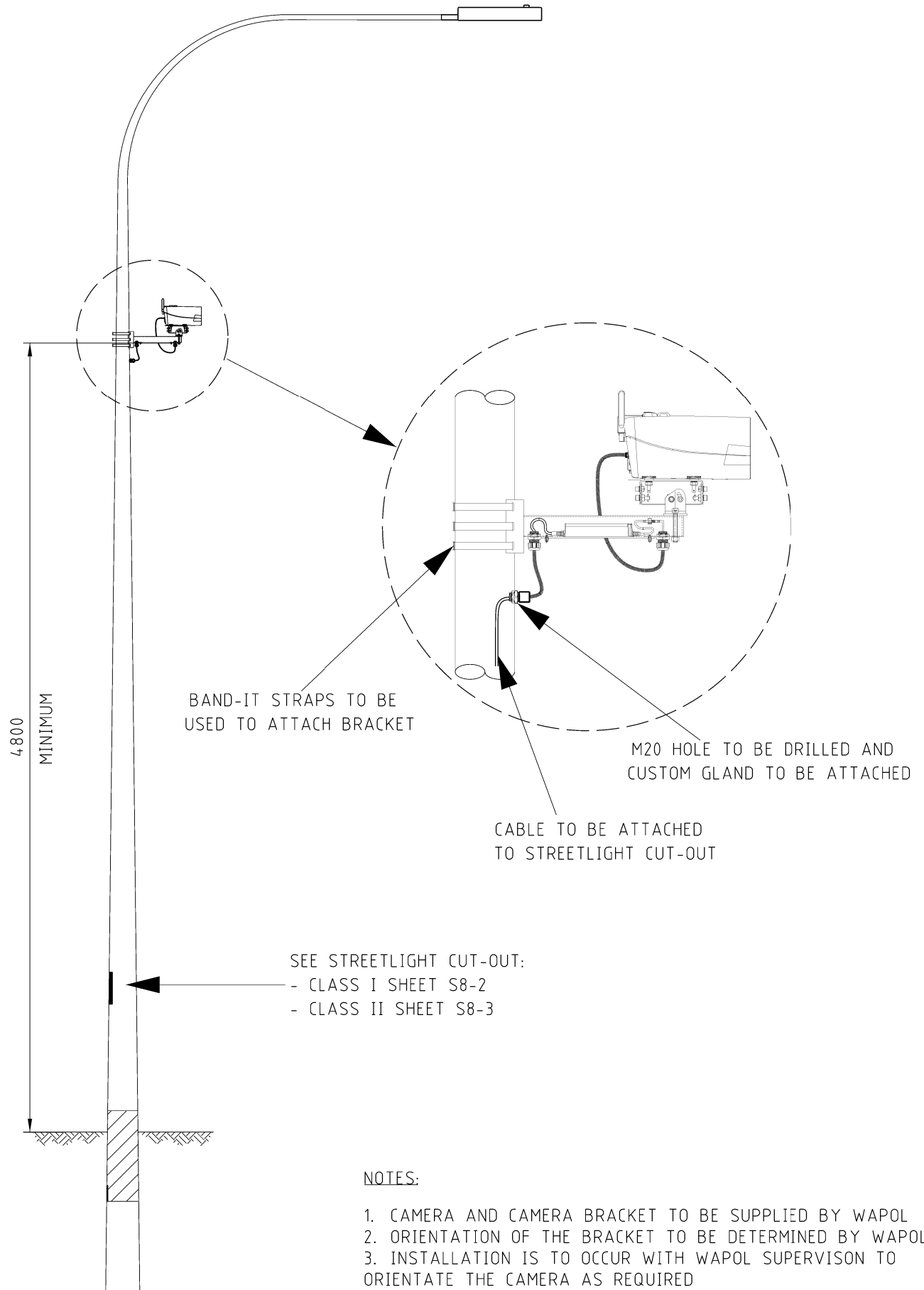


Y = 3m FROM CENTRE OF POLE

NOTE:

1. POINT A SHALL BE DETERMINED BY FOLLOWING A LINE FROM THE FUSE TO THE GROUND ALONG THE ANGLE OF THE FUSE.
2. FOR THREE-PHASE POLES, POINT A SHALL BE DETERMINED FROM CENTRE PHASE.

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	EXPULSION TYPE DROPOUT FUSE GROUND CLEARING DETAILS	DRAWING No. M3-2	



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WAPOL CAMERA BRACKET
STREETLIGHT ATTACHMENT

REVISION

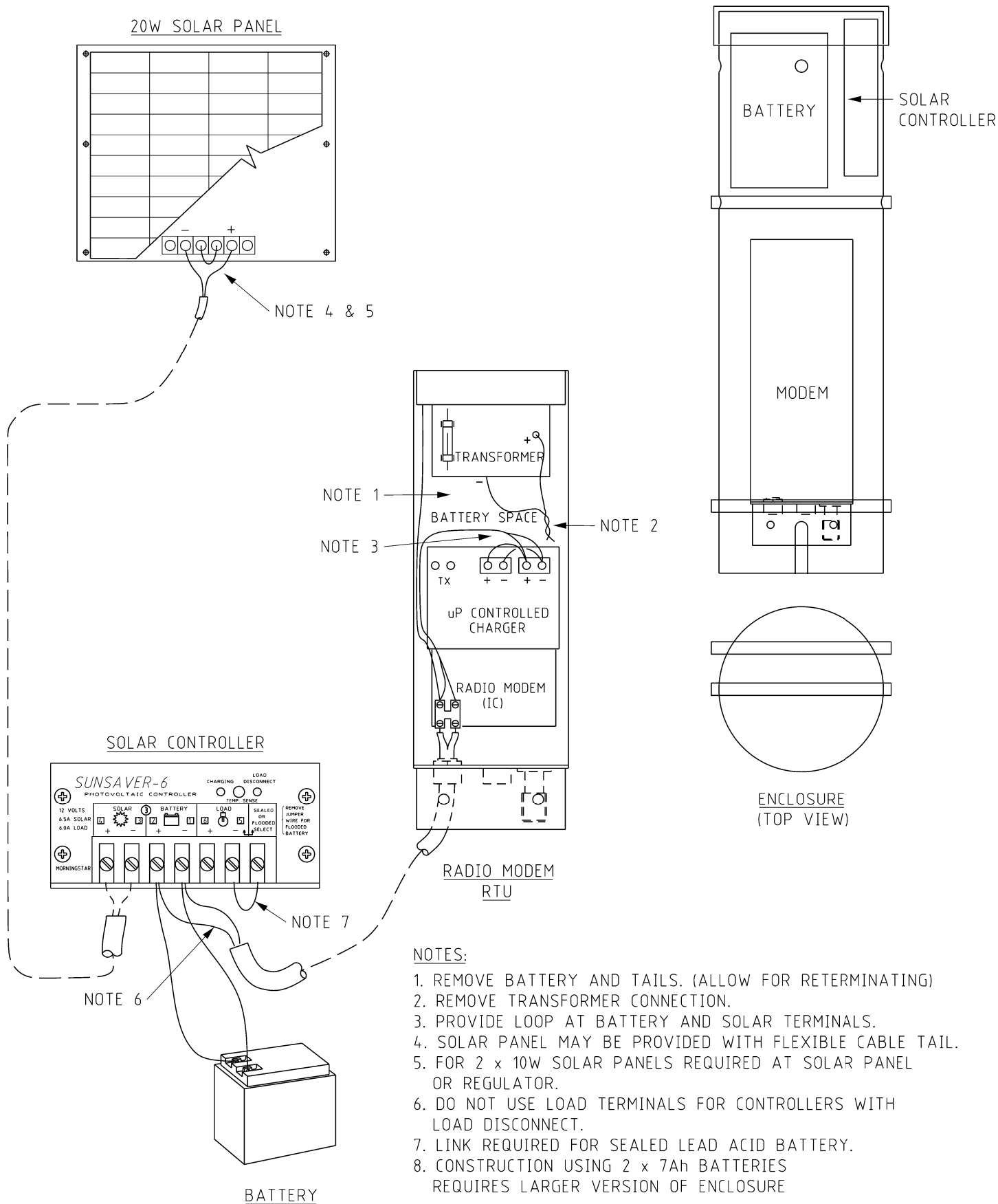
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DRAWING No.

M5



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MISCELLANEOUS

OVERHEAD FAULT INDICATOR
SOLAR CONNECTION

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22/01/2025

DRAWING No.

M6