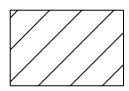


LEGEND



AREA FREE OF OVERHEAD POWER LINES

NOTES

- SAFE WORKING CLEARANCES FOR THE SERVICING OF SIGNAL LANTERNS HAVE BEEN PROVIDED FOR IN THE HATCHED AREAS FOR VOLTAGES UP TO 33,000 VOLTS. FOR VOLTAGES EXCEEDING 33,000 VOLTS REFER TO THE ELECTRICITY SUPPLY AUTHORITY CONCERNED.
- WHEN CONSIDERING A SIGN NEAR O/H POWER LINES OR COMMUNICATIONS CABLES, THE MINIMUM (STRUCTURAL) CLEARANCE AS SHOWN IN TABLE 2 SHALL BE SATISFIED. THE OVERALL HEIGHT (ABOVE PAVEMENT) & LENGTH OF THE DIRECTIONAL SIGN(S) TO BE ATTACHED TO THE POST MUST BE KNOWN FOR EACH APPLICATION.
- HIGH VOLTAGE (>650 VOLTS) LINES ARE GENERALLY POSITIONED ABOVE LOW VOLTAGE (<650 VOLTS) LINES IF THEY ARE SUPPORTED ON THE SAME POLES. IF THEY ARE SEPARATED, CONSULT THE RELEVANT ELECTRICITY SUPPLY AUTHORITY IF THERE IS ANY DOUBT IF THE LINE IS OF HIGH OR LOW VOLTAGE.
- THE RELEVANT ELECTRICITY SUPPLY AUTHORITY SHOULD BE CONSULTED WHENEVER THERE IS ANY DOUBT AS TO WHETHER SAFETY CLEARANCES COULD BE ADEQUATELY MAINTAINED.
- THIS PLAN SHOWS THE MINIMUM CLEARANCES AS REQUIRED BY THE DEPARTMENT OF ENERGY BUT DOES NOT TAKE INTO CONSIDERATION THE SAFE WORKING DISTANCE FOR MOBILE CRANES & ELEVATED WORK PLATFORMS AS LAID DOWN IN THE CONSTRUCTION & SAFETY REGULATIONS 1950.

TABLE 1

PHASE TO PHASE VOLTAGE OF POWER LINES	DIMENSION 'X'
VOLTAGE NOT EXCEEDING 650 VOLTS	7.0m
VOLTAGE NOT EXCEEDING 33,000 VOLTS	8.0m
VOLTAGE EXCEEDING 33,000 VOLTS	REFER TO ELECTRICITY AUTHORITY CONCERNED
COMMUNICATIONS CABLES	7.0m

TABLE 2

MINIMUM CLEARANCE BETWEEN SIGNS AND O/H POWER LINES OR COMMUNICATIONS CABLES	
PHASE TO PHASE VOLTAGE OF POWER LINES	MIN CLEARANCE (IN ANY DIRECTION)
VOLTAGE NOT EXCEEDING 650 VOLTS	1.0m
VOLTAGE NOT EXCEEDING 33,000 VOLTS	2.0m
VOLTAGE EXCEEDING 33,000 VOLTS	REFER TO ELECTRICITY AUTHORITY CONCERNED
COMMUNICATIONS CABLES	1.0m

FOR OUTREACHES 5.0m AND LONGER

FOR OUTREACHES UNDER 5.0m LONG

DIMENSIONS ARE IN MILLIMETRES

'D' ISSUE 27-10-97 J/1 TC2564 PLAN REDRAWN RVC BWT	E ISSUE 21/12/00 J/1 TC3045 REF TO TYPE 5S AND 5L MA CHANGED TO OUTREACH LENGTHS ABOVE OR UNDER 5.0m. DIM 'X' WAS 6.7m FOR < 650V. COMMUNICATIONS CABLE ADDED TO TITLE, DIAGRAMS & TABLES. RVC BWT	REFERENCE DRAWINGS		ROADS AND TRAFFIC AUTHORITY OF NSW TRAFFIC SIGNALS MINIMUM CLEARANCES FROM OVERHEAD POWER LINES & COMMUNICATIONS CABLES FOR TRAFFIC SIGNALS & SIGNS	SCALE SUPERSEDES: ISSUE C DRAWN AD 23-07-87 CHECKED BWT 12-04-88 PASSED BWT 12-04-88	APPROVED: 12-04-88 F HULSCHER MANAGER STDS & QUALITY ISSUE <input checked="" type="checkbox"/> E <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		TYPE 5 MAST ARM GENERAL ARRANGE	VM211-6			
		TYPE 6 POST GENERAL ARRANGE	VM212-2			
		TYPE 9 MAST ARM VM215-1				VM211-20