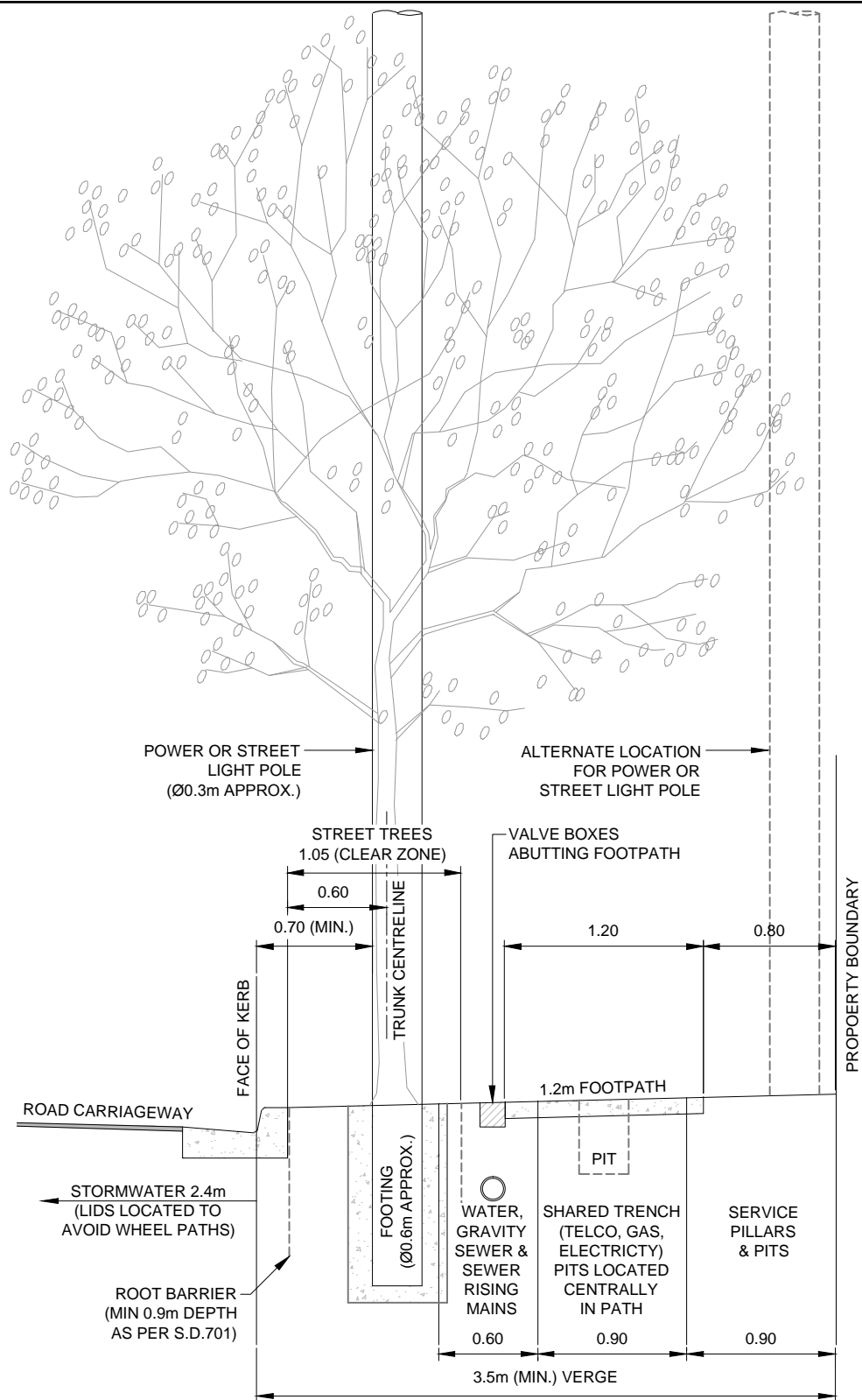


STREET TREE

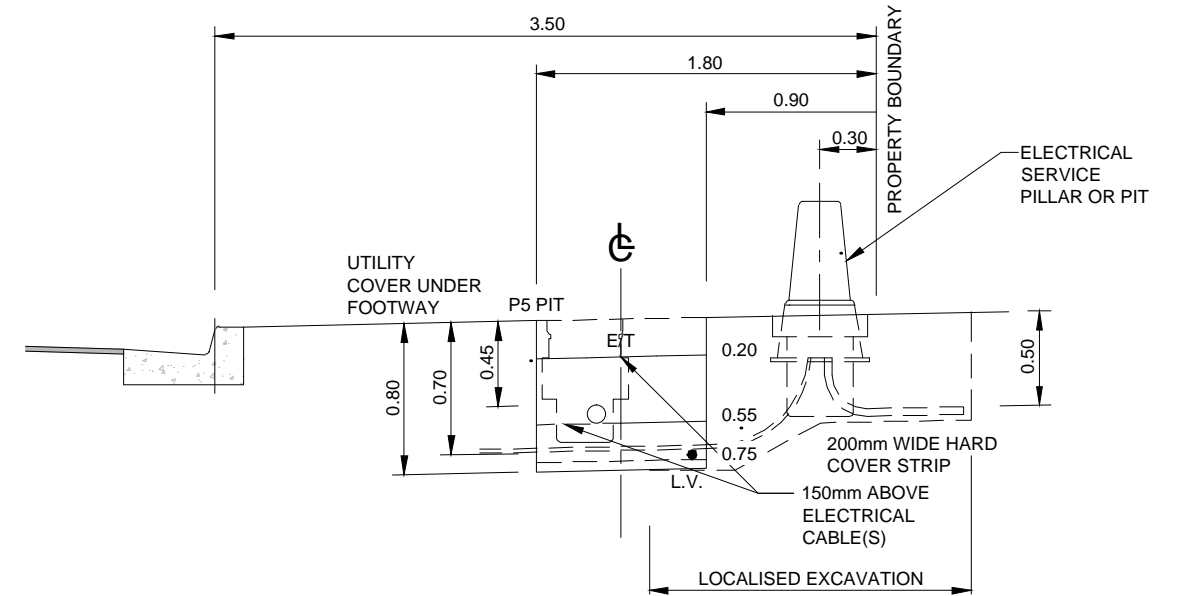


NOTES:

1. WATER MAIN, GRAVITY SEWER OR SEWER RISING MAIN IN THIS TRENCH BUT NO MORE THAN ONE OF THESE UTILITIES. DESIGNS FOR FOOTPATH AND UTILITY SERVICE LOCATIONS CORRIDOR IN INDUSTRIAL & COMMERCIAL AREAS REQUIRE APPROVAL FROM THE DIRECTOR OF ENGINEERING & OPERATIONS. MINIMUM SEPARATIONS BETWEEN WATER & SEWER PIPES, AS PER WATER SERVICES ASSOCIATION OF AUSTRALIA (WSAA) - WSA03-2002-2.3, ARE TO BE OBSERVED.
2. POWER OR STREET LIGHT POLES TO BE SET BACK A MINIMUM OF 700mm FROM THE KERB LINE OR EDGE OF CARRIAGEWAY, AS PER AS/NZS 1158.1.2:2010. POWER OR STREETLIGHT POLES TO BE LOCATED ON THE OPPOSITE SIDE OF THE ROAD TO WATER, GRAVITY SEWER & SEWER RISING MAINS, WHERE ACHIEVABLE. IF THIS CAN NOT BE ACHIEVED INCREASE THE VERGE WIDTH TO 4.0m UNLESS ALL SERVICES CAN BE ACCOMMODATED TO COUNCIL'S SATISFACTION.
3. TREES, IF REQUIRED, SHALL BE LOCATED AS PER S.D.701.

FOOTPATH AND UTILITY SERVICE LOCATIONS

SCALE: A1 SHEET 1:20, A3 SHEET 1:40
0 0.2 0.4 0.8 1.2 1.6 2.0 m



NOTE:

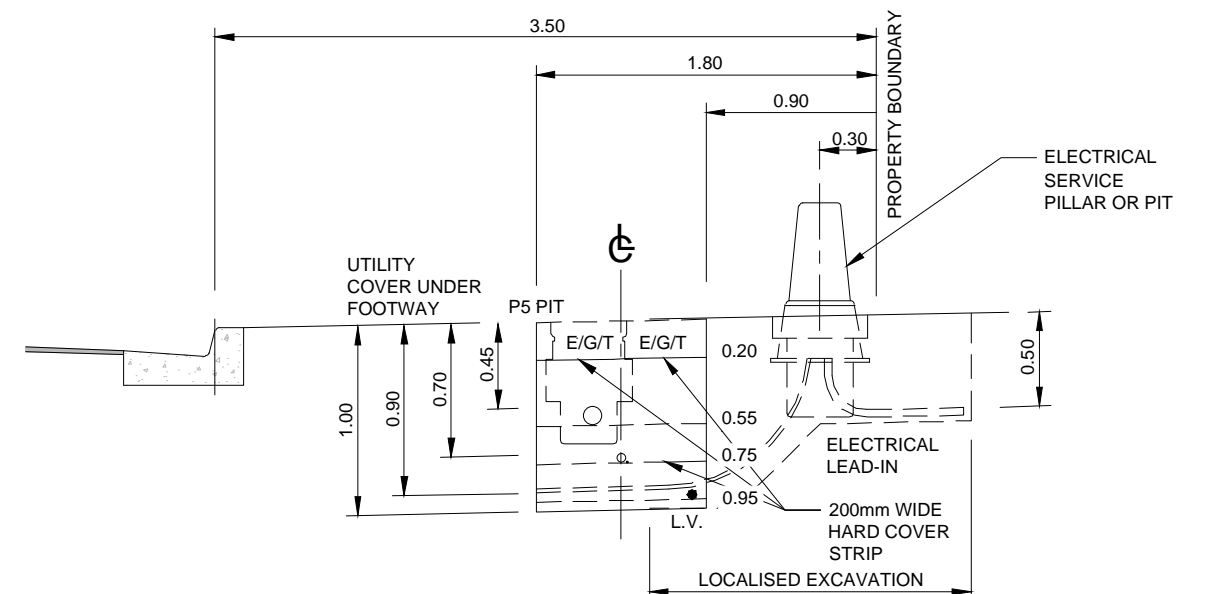
1. TRENCH DEPTH AND WIDTH IS DEPENDANT UPON PLANT TO BE INSTALLED

MANDATORY SEPARATIONS

MANDATORY MINIMUM HORIZONTAL SEPARATIONS BETWEEN TELECOMMUNICATIONS CABLES AND PROTECTED L.V. & H.V. PLANT ARE AS FOLLOWS:
100mm BETWEEN L.V. CABLE/CONDUITS
300mm BETWEEN H.V. CABLE/CONDUITS

SHARED TRENCH FOR SMALL PLANT

2 WAY TRENCH FOR ELECTRICITY & TELECOMMUNICATIONS



NOTES:

1. TRENCH DEPTH AND WIDTH IS DEPENDANT UPON PLANT TO BE INSTALLED.
2. IN SOME CASES, ELECTRICAL DUCTS MAY BE INSTALLED IN LIEU OF DIRECT BURIED ELECTRICAL CABLES.

MANDATORY SEPARATIONS

MANDATORY MINIMUM HORIZONTAL SEPARATIONS BETWEEN GAS MAINS AND ANY OTHER UTILITY OR STRUCTURE ARE AS FOLLOWS:

GAS MAINS - 300mm

MANDATORY MINIMUM HORIZONTAL SEPARATIONS BETWEEN GAS MAINS AND ANY OTHER UTILITY OR STRUCTURE ARE AS FOLLOWS:

100mm BETWEEN L.V. CABLE / CONDUITS
300mm BETWEEN H.V. CABLE / CONDUITS

SHARED TRENCH FOR SMALL PLANT

3 WAY TRENCH FOR ELECTRICITY, GAS & TELECOMMUNICATIONS

D	SERVICE LOCATIONS & NOTES AMENDED	G.P.C.	08.2014
C	PLAN FORM UPDATED, POLE & TREE LOCATIONS AMENDED & NOTES ADDED	G.P.C.	09.2013
B	DRAWINGS ADOPTED FOR ISSUE TO PUBLIC	R.A.E.	05.2004
A	RE-ISSUED	R.A.E.	04.2004
ISSUE	AMENDMENT DETAILS	INITIALS	DATE



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DESIGN ENGINEER	<i>[Signature]</i>	DATE 28.08.14
DESIGN MANAGER	<i>[Signature]</i>	DATE 28.08.14
DRAWN	ENGINEERING & OPERATIONS DESIGN UNIT	
SCALE	1:40 (A3)	

PROJECT:	ROAD WORKS STANDARDS
PLAN TITLE:	SERVICE LOCATIONS IN ROADWAYS

DRAWING NUMBER:	S.D. 006
	AUG 2014

0 10 20 30 40 50 100 150 200 250

ACAD FILE No G:\AAA TSC STANDARD DRAWINGS\000 ROAD WORKS\S.D.006 (Aug-14 Rev D)