

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.
4. REFER TO WASA 03-2011-3.1, TABLE 5.5 FOR APPROPRIATE CLEARANCES

FOOTPATH AND UTILITY SERVICE LOCATIONS

| | | | |
|-------|--|----------|---------|
| E | NOTES AMENDED | J.M.M. | 06.2022 |
| D | SERVICE LOCATIONS & NOTES AMENDED | G.P.C. | 08.2014 |
| C | PLAN FORM UPDATED, POLE AND TREE LOCATIONS AMENDED & NOTED | NOTES | 02.2013 |
| B | DRAWINGS ADOPTED FOR ISSUE TO PUBLIC | R.A.E. | 05.2004 |
| 0 | ORIGINAL ISSUE | R.A.E. | 04.2004 |
| ISSUE | AMENDMENT DETAILS | INITIALS | DATE |



DESIGN UNIT

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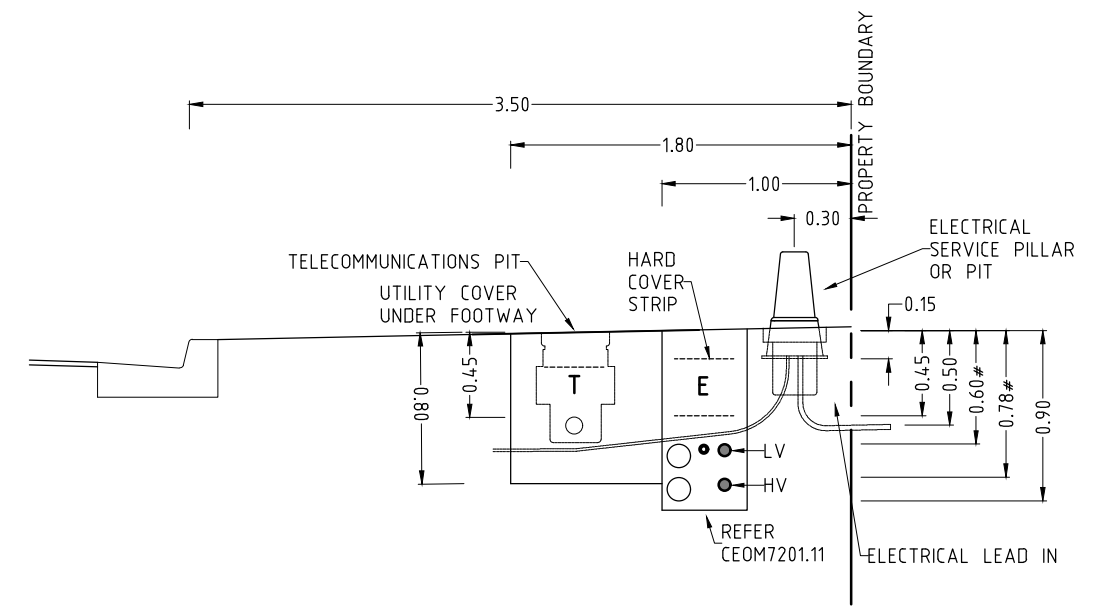
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|-----------------|---------------------------------------|---------------|
| DESIGN ENGINEER | <i>W. Boyd</i> | DATE 16.06.22 |
| R & SW MANAGER | <i>Boyd</i> | DATE 16.06.22 |
| DRAWN | INFRASTRUCTURE DELIVERY UNIT - DESIGN | |
| SCALE | NOT TO SCALE | |

| | | | |
|----------------|--------------------------------------|-----------------|-----------------|
| PROJECT: | ROAD WORKS STANDARDS | DRAWING NUMBER: | S.D.006 |
| DRAWING TITLE: | SERVICE LOCATIONS IN ROADWAYS | | MAY 2022 |

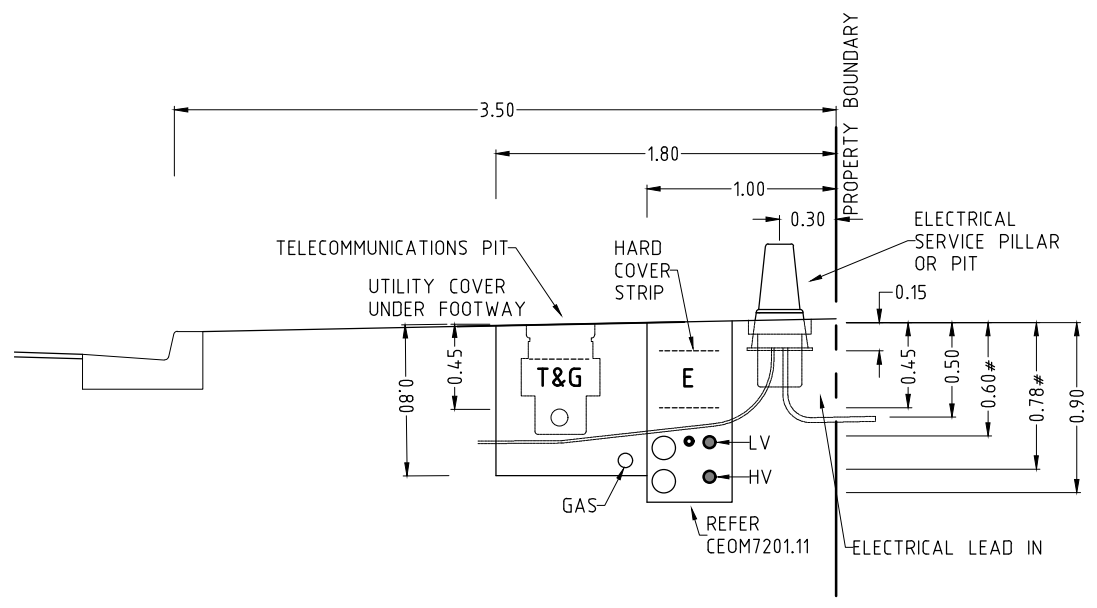
ACAD FILE No: G1_AAA TSC STANDARD DRAWINGS000 ROAD WORKS\CURRENT DRAWINGS\S.D.006 (May-22 Rev E).dwg

IF WASA CLEARANCES CAN NOT BE ACHIEVED THEN THE ELECTRICAL MAINS / CROSSINGS EITHER HAVE TO BE MADE DEEPER THAN 900mm OR BE CONCRETE ENCASED TO PROTECT OTHER UTILITIES

* WHERE ELECTRICAL IS LOCATED ON THE SAME ROAD VERGE AS WATER MAINS, ELECTRICAL, INCLUDING ROAD CROSSINGS, ARE TO BE 900mm IN DEPTH



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 VERTICAL SEPARATION (mm) | | | |
|------------------------------------|-------|--------------------|-----|
| | WATER | TELECOMMUNICATIONS | GAS |
| LV-ELECTRICITY | 225 | 150 | 150 |
| HV-ELECTRICITY | 300 | 300 | 300 |
| WATER | - | 225 | 225 |

SHARED TRENCH FOR SMALL PLANT

3 WAY TRENCH FOR ELECTRICITY, GAS & TELECOMMUNICATIONS