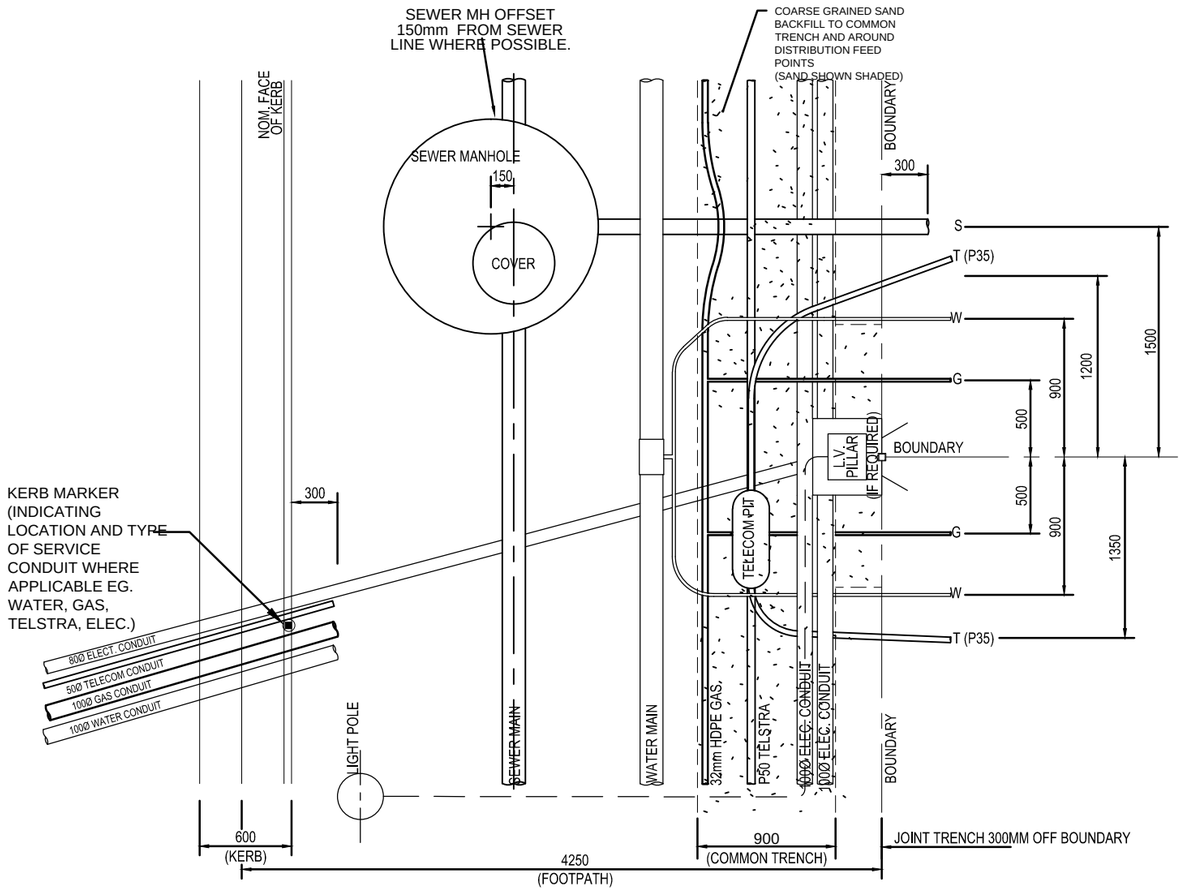
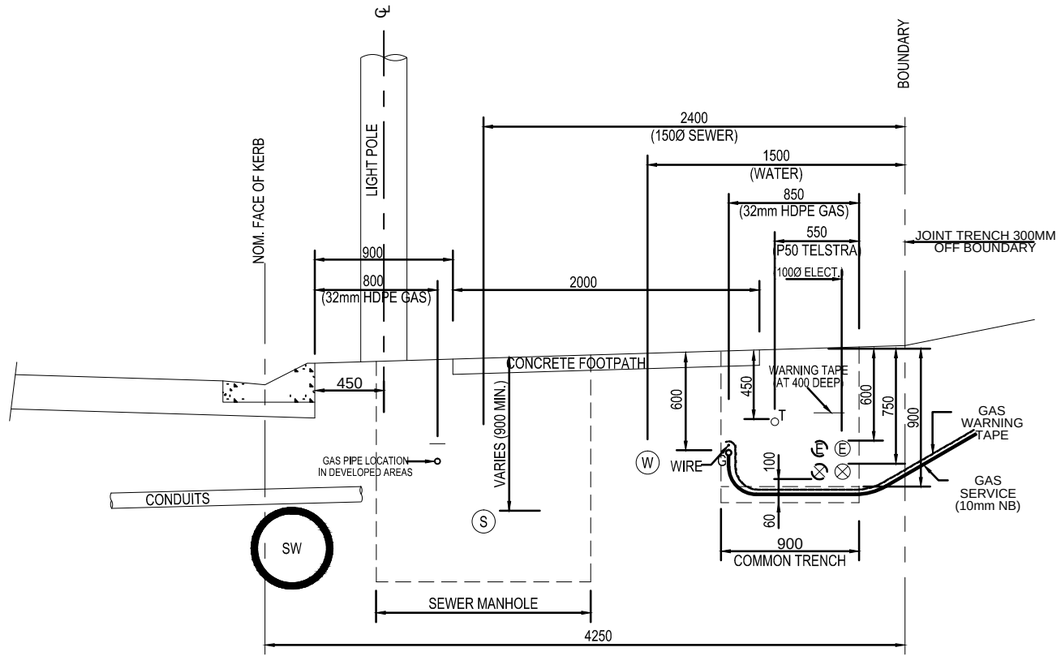


COMMON TRENCH (PLAN)

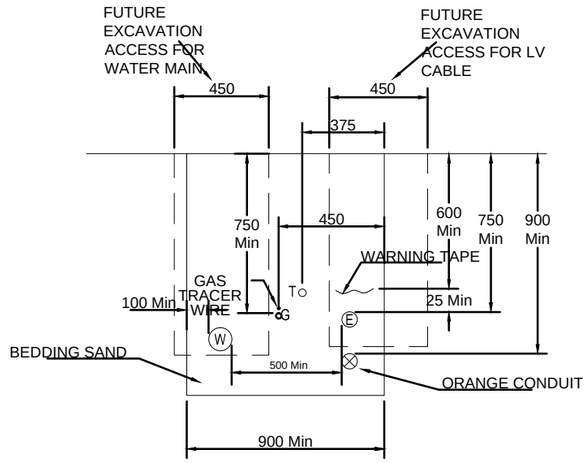
Scale 1:20

SERVICE ENTRY TO ADJOINING PROPERTIES



COMMON TRENCH (SECTION)

Scale 1:20



ROADWAY COMMON TRENCH (SECTION)

JOINT TRENCHING NOTES:

GENERAL

1. TRENCH WIDTH OF 900mm IS A MINIMUM. THE TRENCH WIDTH SHALL BE WIDENED FOR CUL-DE-SAC SITUATIONS. LARGER DIAMETER WATER MAINS AND ANY OTHER SITUATIONS WHERE MINIMUM CLEARANCES CANNOT BE MAINTAINED.
2. SERVICES ENTRY MAY BE SPLIT BETWEEN EITHER BOUNDRY PEG TO SATISFACTION OF CITY ENGINEER
3. FUTURE EXCAVATION AREAS MUST BE CLEAR OF ALL OTHER SERVICES.
4. DIMENSIONS INDICATE CLEAN TRENCH WIDTHS.
5. EXCAVATIONS ACROSS ROADWAYS TO BE FILLED AND COMPACTED TO COUNCIL REQUIREMENTS.

POWER CABLE - CAPELEC REQUIREMENTS

6. CONDUITS: - CLASS 6 ORANGE IS SUITABLE FOR UNDERGROUND RESIDENTIAL SUBDIVISIONS - HEAVY DUTY CONDUIT IN ACCORDANCE WITH A.S. 2053-1984 SHALL BE USED UNDER ALL MAIN ROADS.

GAS MAIN - GAS CORP. QLD LTD REQUIREMENTS

7. MARKER TAPE OVER SERVICE
8. KERB MARKER @ CROSSING TO INDICATE SERVICE LOCATION.
9. WHERE GAS SERVICE COINCIDES WITH WATER SERVICE, GAS MUST BE LOCATED UNDER WATER MAIN.

WATER - COUNCIL REQUIREMENTS

10. WHERE THRUST BLOCKS ARE REQUIRED ON THE WATER MAIN, THE ELECTRICITY CABLE SHALL BE LOWERED TO GIVE 150mm MIN. VERTICAL CLEARANCE TO WATER MAIN.
11. MINIMUM 100mm SAND BEDDING SHALL SURROUND WATER MAIN.

TELSTRA REQUIREMENTS

12. TELSTRA CONDUIT (MAXIMUM DIAMETER 50mm) TO BE LAID TO TELECOM REQUIREMENTS.
13. P4 TELSTRA PITS ARE NOT TO BE USED EVEN FOR ROAD CROSSINGS. THE TELSTRA CONDUIT IS TO BE LOWERED OVER THE DISTANCE FROM THE END OF THE PIT TO THE KERB MAINTAINING THE ABOVE STATED MINIMUM SEPARATIONS FROM POWER.
14. CRUSHER DUST OR SAND IS TO BE SPREAD OVER THE TELSTRA CONDUIT TO A DEPTH OF 100mm IF THE EXCAVATED SOIL HAS A HIGH ROCK CONTENT.
15. IN SOME CASES, PARTICULARLY WHERE BLASTING IS REQUIRED TO OPEN A TRENCH, IT MAY BE NECESSARY TO ALTER THE ABOVE TRENCH DESIGNS TO INCLUDE TELSTRA MAIN CONDUIT. THIS IS TO AVOID DAMAGE TO EXISTING SERVICES DUE TO TRENCH EXCAVATIONS ON TELSTRA'S MAIN CONDUIT ALIGNMENT.

LEGEND

SW	STORMWATER
W	WATER MAIN
S	SEWER MAIN
E	100Ø L.V. ELECT. CONDUIT
⊗	100Ø H.V. ELECT. CONDUIT
G	32mm HDPE GAS MAIN & TRACER WIRE
T	P50mm TELSTRA CONDUIT

APPLICABILITY TABLE

Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	No	No	Yes	No	No	No	No
Applicable DWG	CMDG-R-100						

REVISIONS		DATE
B	IRC ADDED	12/2016
A	NEW DRAWING FOR GRC	01/2015

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Capricorn Municipal Development Guidelines

Incorporating:

Banana Shire Council (BSC)
Central Highlands Regional Council (CHRC)
Gladstone Regional Council (GRC)
Isaac Regional Council (IRC)
Livingstone Shire Council (LSC)
Maranoa Regional Council (MRC)
Rockhampton Regional Council (RRC)

PUBLIC UTILITIES IN STREETS
TYPICAL SERVICE CORRIDORS AND ALIGNMENTS

ROADS

STANDARD DRAWING

CMDG-R-100A

REV. A B