



## URBAN DEVELOPMENT INSTITUTE - CALGARY

### INFORMATION BULLETIN # 9

#### **Temporary End of Service Coil Box**

**September 27, 2004**

Please be advised that there have been changes made to the temporary end of service coil box. Currently the shallow utility service stubs for 4-Party Underground Residential Distribution (URD) mains infrastructure installations are protected by separate service boxes. The ENMAX and TELUS service coils are housed in one service box (which is placed over the SHAW service conduit stub), and the ATCO Gas pressurized service stub is housed in a separate smaller service box. These boxes are buried approximately 30cm apart in the common service stub locations off the main trench, generally at the corners of the residential lots. The cable service box is marked by a buried marker tape, and the gas service box is marked by a yellow marker pipe which protrudes above ground level for easy location.

The 4-Party Shallow Utilities Steering Committee has recently investigated the feasibility of a common service box to house the ENMAX service coil, the TELUS service coil, and the ATCO Gas service stub. The slightly larger common service box is buried at the same service stub location and is marked by a similar yellow marker pipe which protrudes above the ground. (See the attached drawings which describe the old and new storage box relative locations.)

The main reason for adopting the common service box was to mitigate concerns expressed by the home builder excavators related to the locating and exposing of the shallow utility service stubs. The excavators identified that location of the facilities and digging around the separate service boxes occasionally resulted in extra work and damages to the service stubs. It was also recognized that there are some cost savings in the procurement and installation of the common box, but more importantly that the common service box is expected to result in a safer overall installation.

UDI – Calgary Information Bulletin #9  
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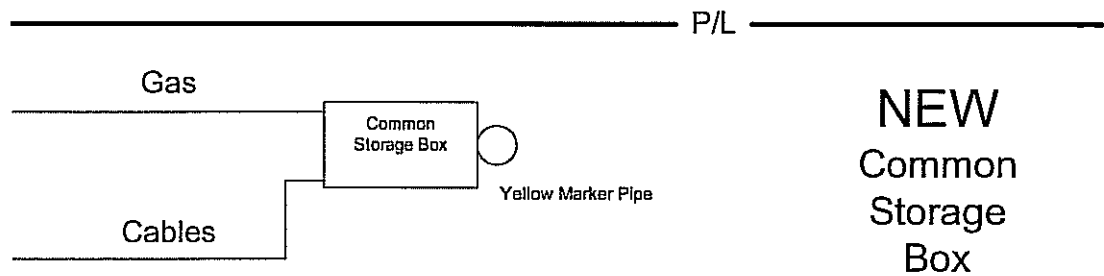
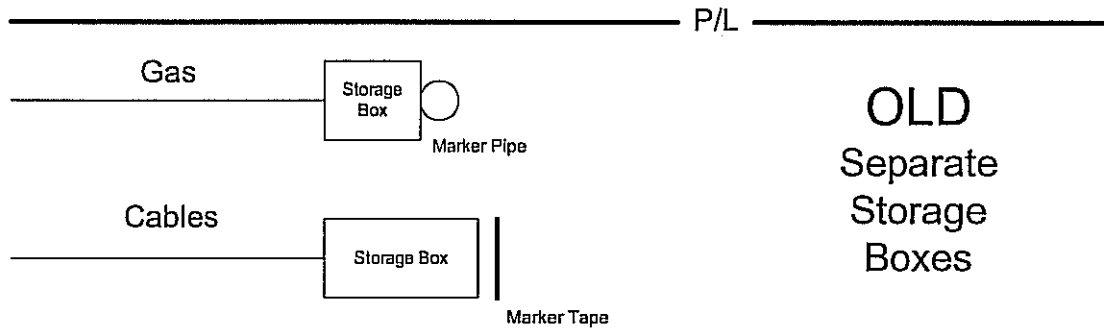
A pilot project to test the concept of the common service box was undertaken in January 2004 in Cranston Phase 12. Some issues regarding the materials and manufacturing of the box and marker pipe were identified and changes were made accordingly. The installation of the common service boxes commenced in June 2004.

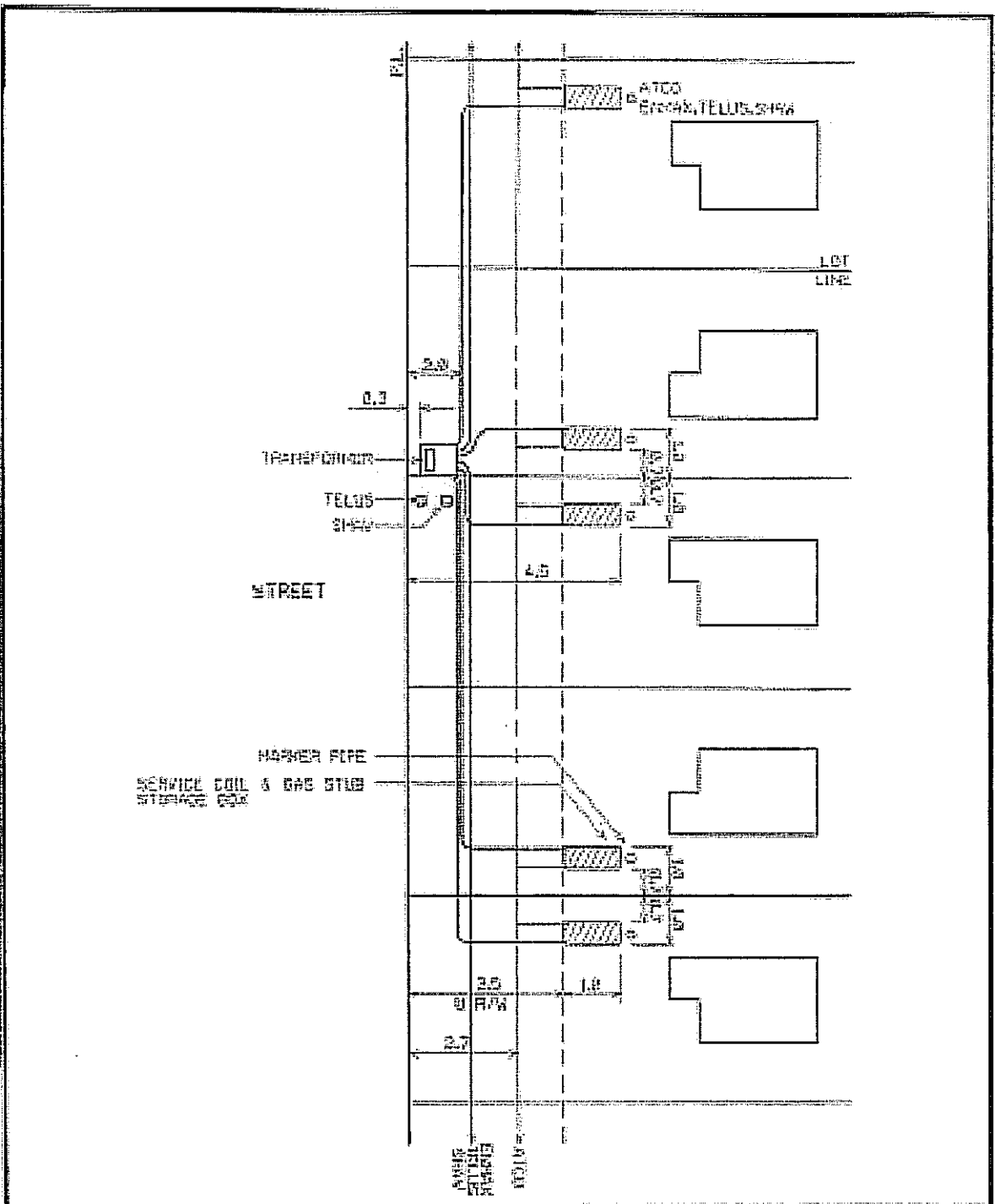
This notice is being issued to ensure a common understanding of the new standard and to allow the stakeholders to adjust their ongoing processes accordingly. Our developer members may wish to forward this information bulletin to their builder groups to ensure everyone is aware of the change.

If there are any questions please contact Mr. John Thiessen, Project Manager for the Shallow Utilities Joint Provisioning Project at 514-3683.

Attachments

# STORAGE BOX LOCATIONS





ALL DIMENSIONS ARE IN METRES



04/07/04 COMMON STORAGE BOX				R/L	
DATE	REVISIONS			DEGN	APPD.
DEGN APPR: ATCO GAS	DEGN APPR: TELUS	DEGN APPR: SHAW	DEGN APPR: ENMAX	TITLE FOUR PARTY FRONT DISTRIBUTION GARAGES SIDE BY SIDE	
PLAN DIXON	LIZSEL PEEL	FRED LAU	PAUL CHUI	SHEET 1 OF 4	FILE NO.
DATE: 98-05-14	DATE: 99-05-27	DATE: 98-05-25	DATE: 90-05-11	SCALE: 1/125	506-1CEA-053
DATE: 04-07-04	CHKD:	DATE:	CHKD:		