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August 1, 2023

Update to Blatchford District Energy Sharing System - Design & Construction Guideline (COE-IM-GUIDE-0008)

Addition of District Energy Supply and District Energy Return Curb Stop Location Stamp

The newly introduced detail in the Blatchford District Energy Sharing System - Design & Construction Guideline (COE-IM-GUIDE-0008) incorporates a specific impression that must be stamped on any walkway adjacent to the District Energy Sharing System (DESS) curb stop valves. These will indicate the locations of the District Energy Supply (DES) and District Energy Return (DER) curb stop valves at each service.

This addition serves the primary purpose of enhancing visibility for emergency shutdown requirements, maintenance personnel, inspections and repairs. This will greatly minimize the locating efforts that especially increase when there is snow and ice cover, to ensure timely adjustments of the curb stop valves. The addition of this requirement will contribute to the overall efficiency and reliability of the Blatchford's District Energy operations.

Specifically, the following shall be added as a new bullet into the Blatchford District Energy Sharing System - Design & Construction Guideline in Section 6.7.1. Service Connections, General:

“For all District Energy service connections in Blatchford, a distinct walkway impression shall be placed at each ‘DES’ and ‘DER’ curb stop valve location to clearly indicate their locations with the impressions tip pointing towards the valve. Refer to details C-16A & C-16B”.

DocuSigned by:

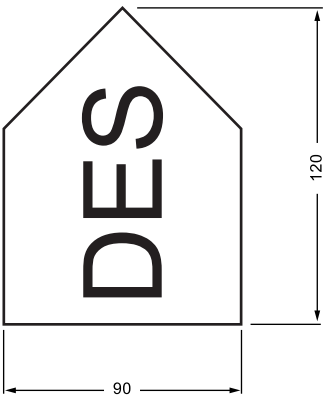
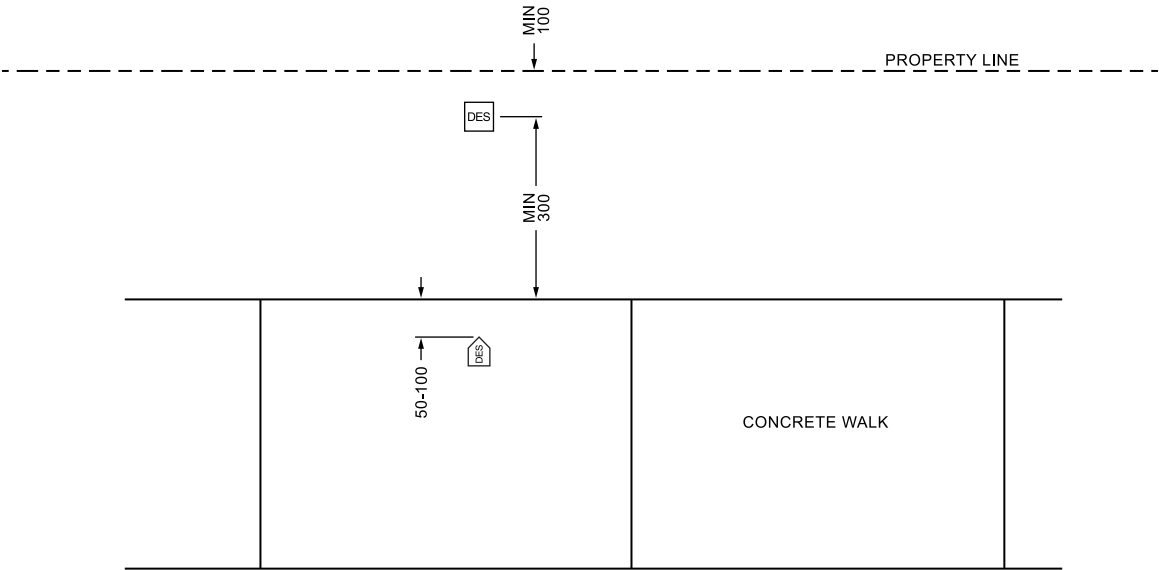
Christian Felske

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Christian Felske

Director, Renewable Energy Systems

Edmonton



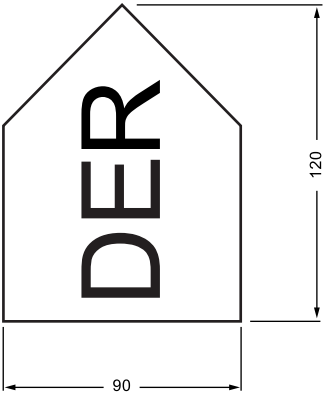
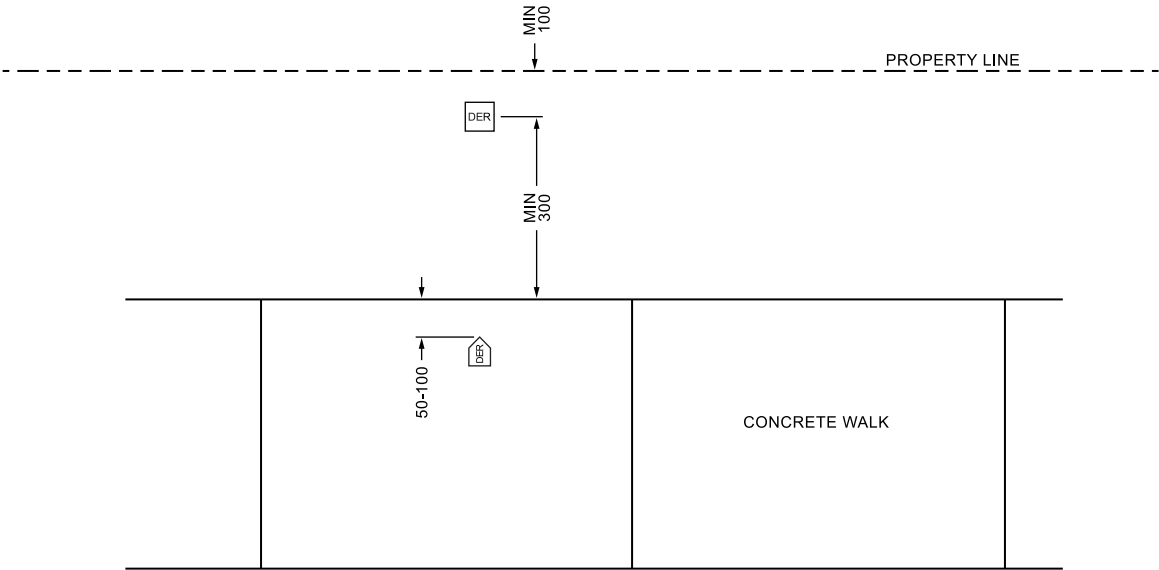
- NOTES:
- 1. ALL DIMENSONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
 - 2. DES SYMBOL TO BE PLACED 50mm - 100mm FROM EDGE OF WALK.
 - 3. TIP OF DES SYMBOL MUST POINT IN THE DIRECTION OF THE CURB STOP LOCATION.




Blatchford
Renewable
Energy

CURB STOP LOCATION STAMP

APPROVED JULY 2023	DRAWN BY M GARCIA	APPROVED	DRAWING NUMBER C-16A
SCALE NTS	CHECKED BY C BAINS	DocuSigned by: <i>Christian Felske</i> 46683A5060CE40D DIRECTOR, RENEWABLE ENERGY SYSTEMS	OLD DRAWING NUMBER



- NOTES:
- 1. ALL DIMENSONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
 - 2. DER SYMBOL TO BE PLACED 50mm - 100mm FROM EDGE OF WALK.
 - 3. TIP OF DER SYMBOL MUST POINT IN THE DIRECTION OF THE CURB STOP LOCATION.

 <div>Blatchford Renewable Energy</div>	CURB STOP LOCATION STAMP			
	APPROVED JULY 2023	DRAWN BY M GARCIA	APPROVED	DRAWING NUMBER C-16B
	SCALE NTS	CHECKED BY C BAINS	<div>DocuSigned by: <i>Christian Felske</i> 46FB375080CE20D7</div> <div>DIRECTOR, RENEWABLE ENERGY SYSTEMS</div>	OLD DRAWING NUMBER

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