



FEDERATED
CO-OPERATIVES
LIMITED
PETROLEUM DEPARTMENT

DIALOG

300, 134 11 Avenue SE, Calgary, AB T2G 0X5
403 245 5501 T 403 229 0504 F

ISSUED FOR:

- 06/02/2017 - ISSUED FOR BP/BID
- 11/04/2017 - ISSUED FOR CONSTRUCTION
- 21/04/2017 - REVISED AS PER CIVIL CCN 1
- 12/05/2017 - RE-ISSUED FOR BP
- 24/05/2017 - RE-ISSUED FOR BP
- 29/05/2017 - REVISED AS PER CCN#2
- 11/08/2017 - REVISED AS PER CSI#1
- 06/04/2018 - RECORD DRAWING



VANDERHOOF & DISTRICTS COOP

NEW GAS BAR FACILITY

6749 WESTGATE AVE, PRINCE GEORGE, BC
LOT 48, DISTRICT LOT 1600, PLAN PGP39361

DRAWN: A.SANGSTER

CHECKED: DM

PLOT DATE: 06/02/2018

SITE GRADING

PLAN

DRAWING No: 2351-00-C-1001

2016-2351

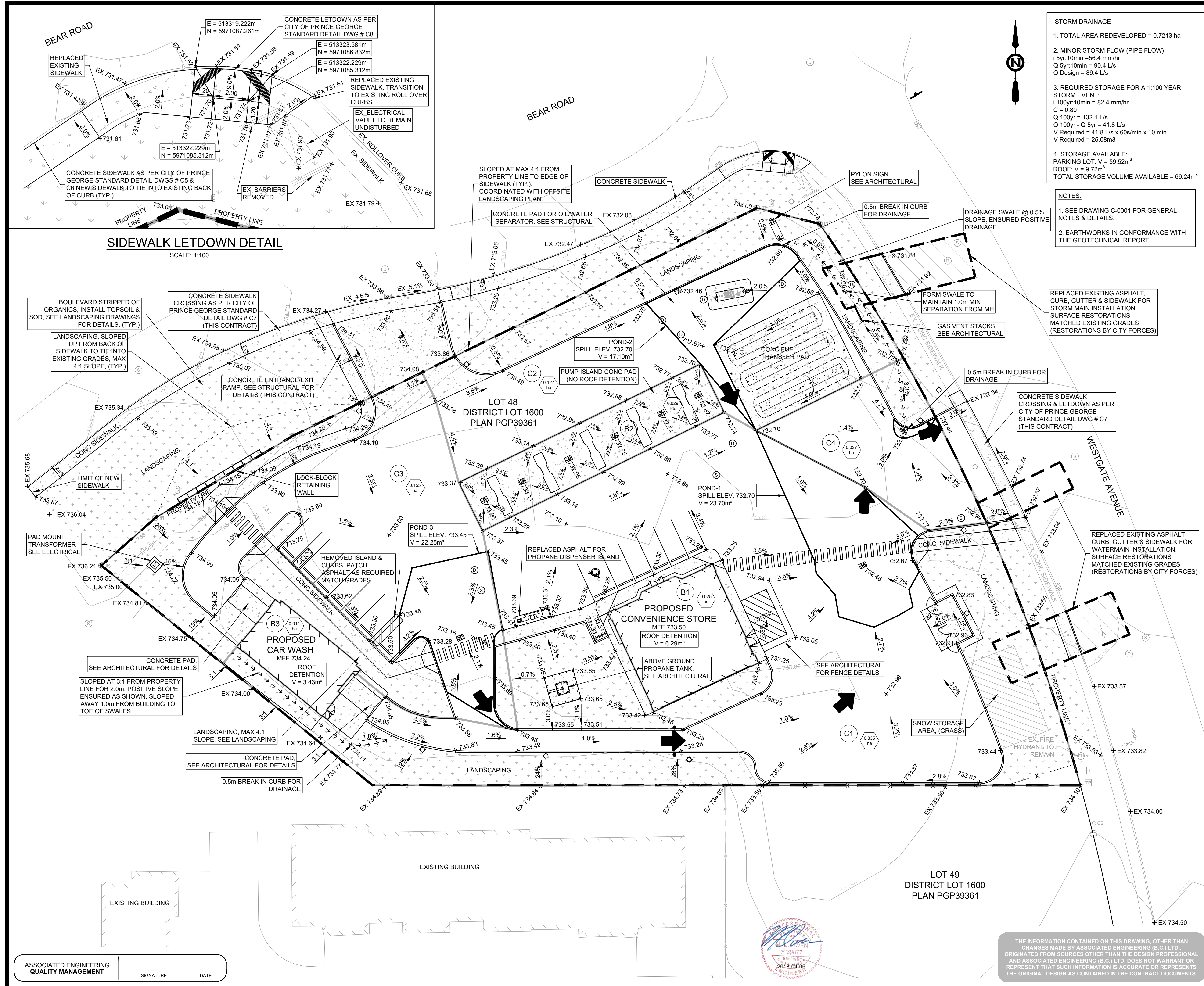
SCALE 1:250

STORM DRAINAGE

- TOTAL AREA REDEVELOPED = 0.7213 ha
- MINOR STORM FLOW (PIPE FLOW)
15yr:10min = 56.4 mm/hr
Q 5yr:10min = 90.4 L/s
Q Design = 89.4 L/s
- REQUIRED STORAGE FOR A 1:100 YEAR STORM EVENT:
100yr:10min = 82.4 mm/hr
C = 0.80
Q 100yr = 132.1 L/s
Q 100yr - Q 5yr = 41.8 L/s
V Required = 41.8 L/s x 60s/min x 10 min
V Required = 25.08m³
- STORAGE AVAILABLE:
PARKING LOT: V = 59.52m³
ROOF: V = 9.72m³
TOTAL STORAGE VOLUME AVAILABLE = 69.24m³

NOTES:

- SEE DRAWING C-0001 FOR GENERAL NOTES & DETAILS.
- EARTHWORKS IN CONFORMANCE WITH THE GEOTECHNICAL REPORT.



SIDEWALK LETDOWN DETAIL
SCALE: 1:100

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SIGNATURE _____ DATE _____

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