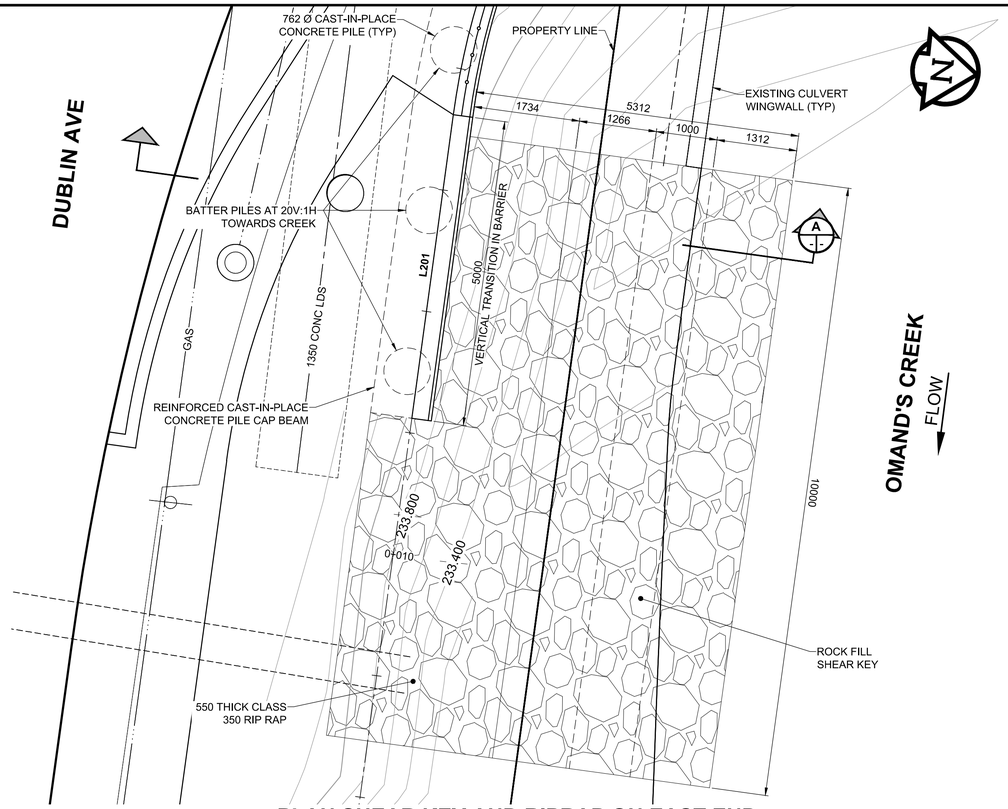
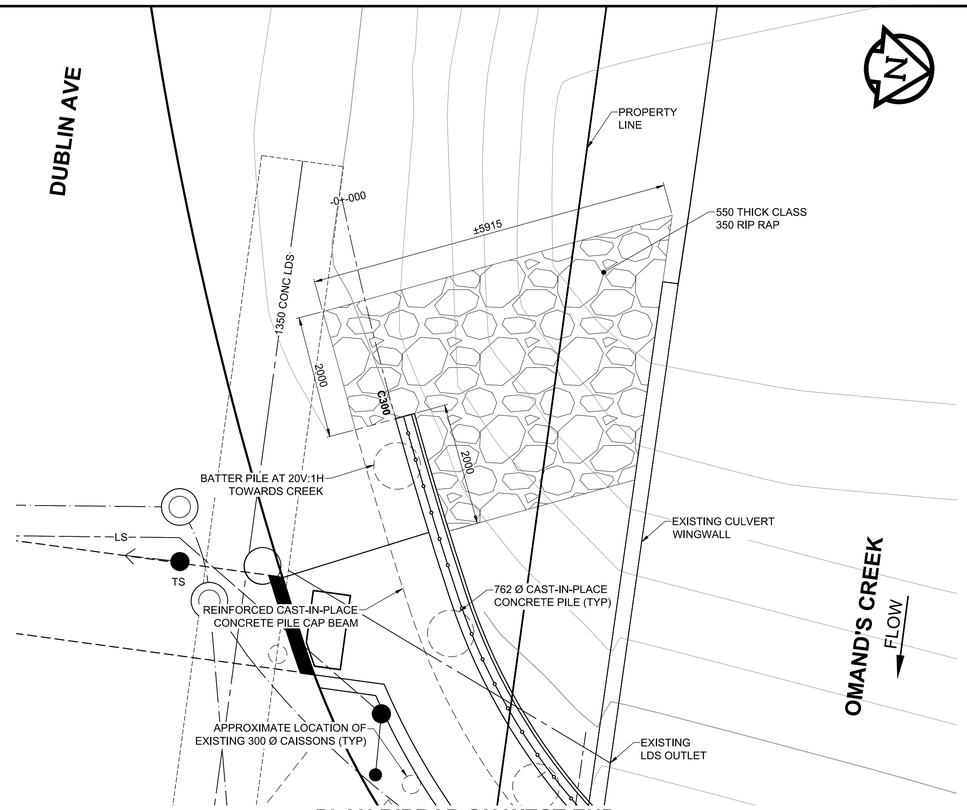


PLAN SHEAR KEY AND RIPRAP ON EAST END

SCALE: 1:50

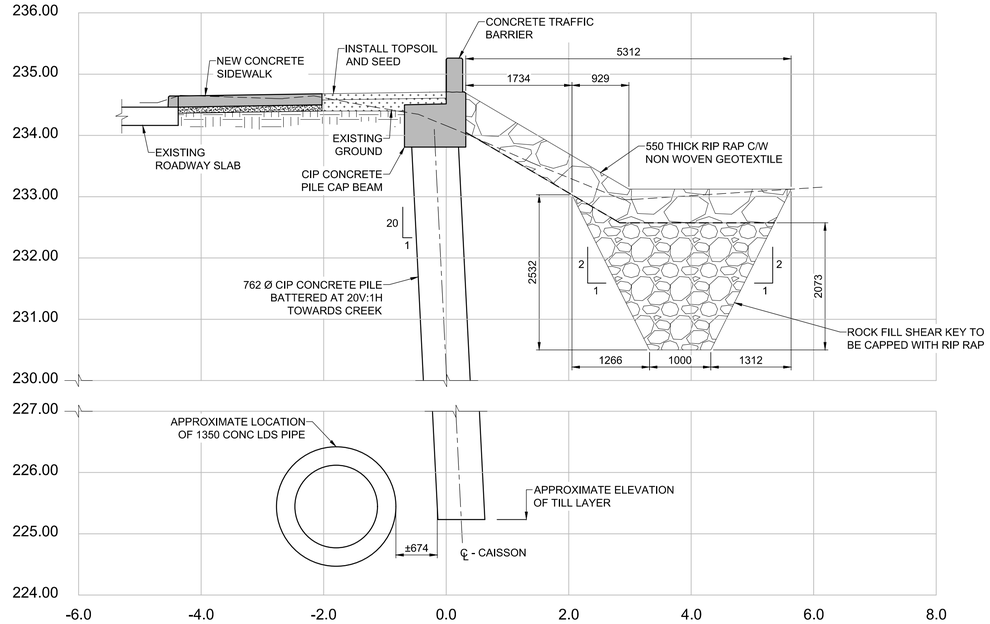
0 0.5 1.0 2.0 3.0m



PLAN RIPRAP ON WEST END

SCALE: 1:50

0 0.5 1.0 2.0 3.0m



SECTION SHEAR KEY

A

SCALE: H 1:50 V 1:50

NOTE: REFER TO SHEET 05 FOR COFFERDAM LOCATIONS PRIOR TO COMMENCING SHEAR KEY AND RIPRAP CONSTRUCTION.

TENDER No. 233-2022

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

BM 23-018 ELEV 235.300 m — S.E. Cor. Notre Dame Ave. & Sherwin Rd., Tblt. in W. Conc. foundation No. 2070 Notre Dame Ave., 0.8 m S. & 0.7 m below Conc. block of N.W. Cor. of bldg.

No.	REVISIONS	YY/MM/DD	BY
C	ISSUED FOR TENDER	22/05/10	BE
B	ISSUED FOR 95% REVIEW	22/04/06	BE
A	ISSUED FOR 50% REVIEW	22/03/14	BE

MORRISON HERSHFIELD

DESIGNED BY	AGG	CHECKED BY	TH
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE / VERT SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION BY: VAIBHAV BANTHIA, P.ENG.	
DATE	22/03/14	DATE	22/05/10

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — A.D.G. GILARSKI — Member — 32144 — 2022-05-10 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
220042500-Rte 90-Shear Key.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

REHABILITATION OF ROUTE 90 CULVERT OVER OMAND'S CREEK

SHEAR KEY PLAN AND SECTION

CITY DRAWING NUMBER: C315-21-09

SHEET 09 OF 27

DRAWING NUMBER: 09

ISO A1 - 594mm x 841mm
X:\Proj\2022\220042500-ccfw rte 90 culvert over omands cre\09. cad\07 sheets\220042500-Rte 90-Shear Key.dwg Last Saved: 5/2/2022 2:17 PM by ALazcanoPerez Plotted: 5/10/2022 12:31 PM by Alex Heppner