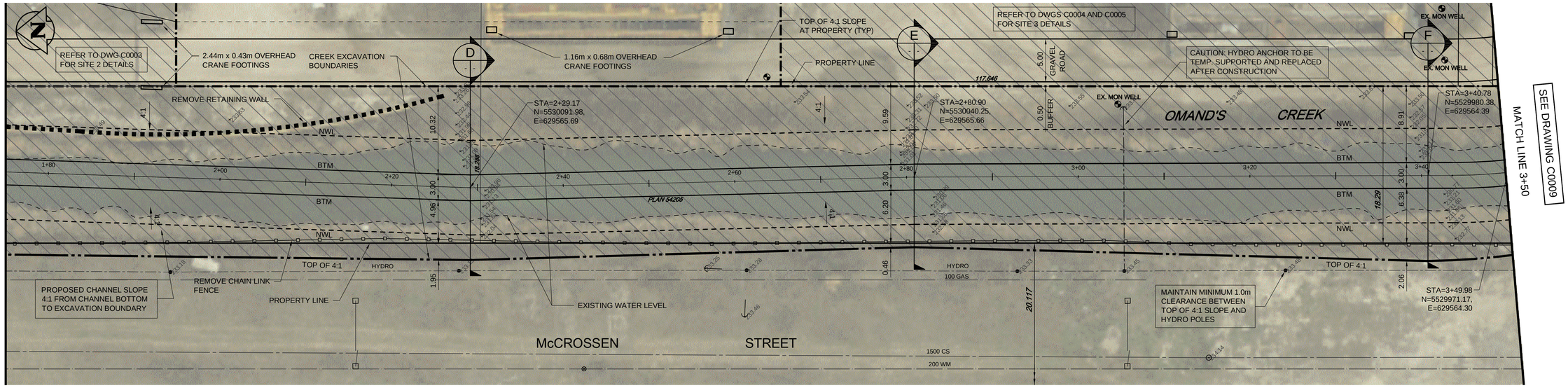
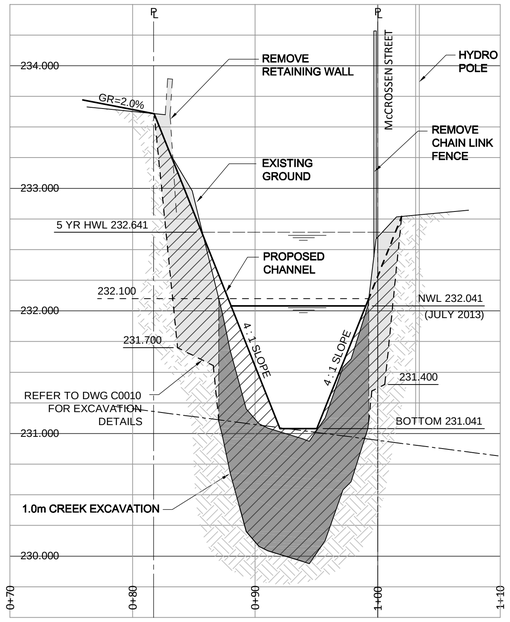




CROSS SECTION D

IMPACTED CREEK BOTTOM EXCAVATION = 12.23 m²

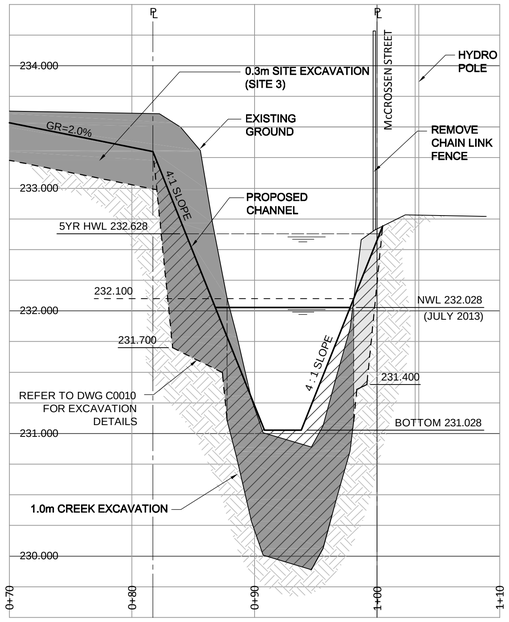
IMPACTED MATERIAL EXCAVATION (FOR SLOPE STABILITY) = 0 m³

CLEAN MATERIAL EXCAVATION (FOR SLOPE STABILITY) = 7.63 m²

CLEAN FILL MATERIAL REQUIRED FOR CHANNEL CONSTRUCTION = 19.91 m²

D — CROSS SECTION D : STA=2+29.2

H= 1:250 V= 1:25



CROSS SECTION E

IMPACTED CREEK BOTTOM EXCAVATION = 12.09 m²

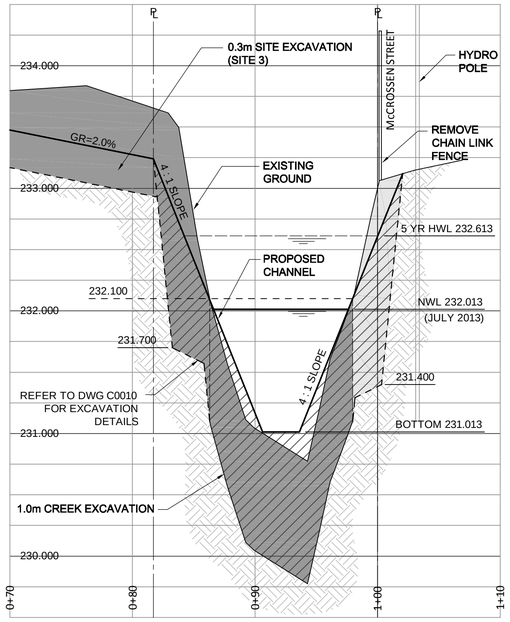
IMPACTED MATERIAL EXCAVATION (FOR SLOPE STABILITY) = 8.44 m³

CLEAN MATERIAL EXCAVATION (FOR SLOPE STABILITY) = 1.98 m²

CLEAN FILL MATERIAL REQUIRED FOR CHANNEL CONSTRUCTION = 17.40 m²

E — CROSS SECTION E : STA=2+80.9

H= 1:250 V= 1:25



CROSS SECTION F

IMPACTED CREEK BOTTOM EXCAVATION = 13.04 m²

IMPACTED MATERIAL EXCAVATION (FOR SLOPE STABILITY) = 5.84 m³

CLEAN MATERIAL EXCAVATION (FOR SLOPE STABILITY) = 4.46 m²

CLEAN FILL MATERIAL REQUIRED FOR CHANNEL CONSTRUCTION = 20.43 m²

F — CROSS SECTION F : STA=3+40.8

H= 1:250 V= 1:25

LEGEND

- PROPERTY LINE
- BUILDING OUTLINE
- VALVE
- HYDRANT
- PIEZOMETER
- MONITORING WELL
- MANHOLE
- HYDRO POLE
- HYDRO POLE ANCHOR
- CATCHBASIN
- 33.500 PROPOSED ELEVATION
- × 33.500 EXISTING ELEVATION
- FENCE
- GUTTER INLET
- SURVEY BAR
- SIGN POST
- LIGHT STANDARD
- 150 WM WATERMAIN
- 400 FM FEEDERMAIN
- 300 LDS LAND DRAINAGE SEWER
- 250 WWS WASTEWATER SEWER
- 250 CS COMBINED SEWER
- SITE EXCAVATION
- SEDIMENT EXCAVATION BOUNDARIES
- RETAINING WALL
- CLEAN SITE MATERIAL
- IMPACTED SITE MATERIAL
- CLEAN FILL MATERIAL (ROCK/CLAY/SILTY CLAY)

NOTE: SEE DWG C0010 FOR OMAND'S CREEK CONSTRUCTION SEQUENCE

1:250 5 0 5 10m

APEGM Certificate of Authorization TETRA TECH WEI Inc. No. 5313 Date: April 30, 2014

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. SEE PROVINCIAL REGULATION 140/92 FOR DETAILS.

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. 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.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
01	ISSUED FOR TENDER	13.09.13	KJM
00	ISSUED FOR 99% REVIEW	13.08.29	BM

TETRA TECH

DESIGNED BY	KJM, TRC	CHECKED BY	RDW
DRAWN BY	NL	APPROVED BY	GS
HOR. SCALE:	1 : 250	RELEASED FOR CONSTRUCTION	
VERTICAL:			
DATE	13.08.29	DATE	

PROVINCE OF MANITOBA — K. J. McRAE — 2013-09-13 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 1312940100-DWG-C0008

Winnipeg

THE CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT

DOMINION BRIDGE REMEDIATION

OMAND'S CREEK
SEDIMENT EXCAVATION
FROM STA 1+75 TO STA 3+50

CITY DRAWING NUMBER LD-7196

SHEET 8 OF 11

C0008