

CONSTRUCTION NOTES:

1. LOCATION OF ALL SEWER AND WATER LINES CONFIRMED IN THE FIELD.
2. SEWER AND WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE ONLY.
3. INSTALL NEW SEWER AND CATCHBASIN LEADS BY TRENCHLESS METHODS, UNLESS NOTED OTHERWISE.
4. INSTALLED TYPE 'B' RISERS ON CATCHBASIN LEADS AS DIRECTED BY THE CONTRACT ADMINISTRATOR.

GENERAL NOTES:

1. CHAINAGE IS ALONG WEST LIMIT OF BERRY STREET.
2. STATION 1+00 = NORTH LIMIT OF PORTAGE AVENUE AND WEST LIMIT OF BERRY STREET.
3. SEE SPECIFICATIONS FOR DETAILED TEST HOLE INFORMATION.



CAVELL DR

PORTAGE AVENUE

CAUTION: TRAFFIC SIGNALS & SIGNAL DETECTORS ADJUST MH LOCATION IN FIELD

SEE DRAWING C0550

REMOVE AND REPLACE EXISTING CATCHPIT WITH CATCHBASIN
INSTALL 2.2 OF 250 CB LEAD AT 2.0%
RIM EL 235.392
300 INV 233.742 BOT INV 233.142
INV AT MH 233.698

NOTE:
BUS ROUTE (BOTH DIRECTIONS)

"CAUTION - HYDRO, MTS, GAS, TRAFFIC SIGNALS, FIBRE OPTIC AND TELEPHONE BURIED CABLES" ON THE CONSTRUCTION SITE

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Tetra Tech Canada Inc.
No. 6499

BID OPPORTUNITY No. 354-2018

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.

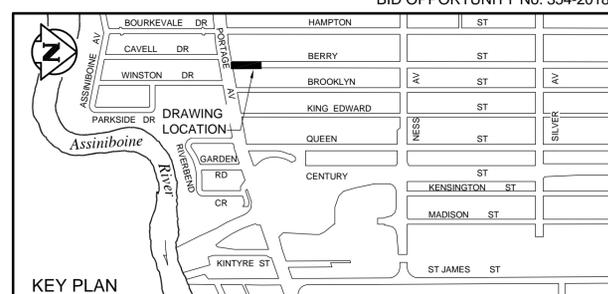
SEE DRAWING C0537

PLUG AND ABANDON EX. CB LEADS
INSTALL 9.7 OF 250 CB LEAD AT 2.0%
INV AT EX CB 234.082
RIM 235.304

CLEAN CATCHBASIN

REMOVE AND REPLACE EXISTING CATCHPIT WITH CATCHBASIN
INSTALL 9.0 OF 250 CB LEAD AT 2.0%
RIM EL 235.374
300 INV 233.724 BOT INV 233.124
INV AT MH 233.544

SEE DRAWING C0550



EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
150 WM	WATERMAIN	150 WM	BEND	ANCHOR	LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. 38-000m		
400 FM	FEEDERMAIN	400 FM	TEE	TREE		ELEV. 232.000m		
300 LDS	LAND DRAINAGE SEWER	300 LDS	CURB STOP	LEGAL DIMENSION				
250 WWS	WASTEWATER SEWER	250 WWS	PLUG	SURVEY BAR				
300 CS	COMBINED SEWER	300 CS	MANHOLE	TRAFFIC SIGNAL				
200 FCM	FORCEMAIN	200 FCM	CATCHBASIN	GAS				
	JUNCTIONS		CURB INLET	HYDRO				
	HYDRANT		ADDRESS	MTS				
	VALVE		HYDRO POLE	SIDEWALK				
	REDUCER		LIGHT STANDARD	CURB				

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.

NO.	ISSUED FOR TENDER	18.05.29	KJM

TETRA TECH

DESIGNED BY: GWC
CHECKED BY:
DRAWN BY: GMD/NL
APPROVED BY:
HOR. SCALE: 1:250
VERTICAL: 1:50
RELEASED FOR CONSTRUCTION: KAS ZUREK
DATE: 2017.11.03
DATE: 18/05/24

PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
K.J. McRAE
2016-05-25

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

FERRY ROAD AND RIVERBEND COMBINED SEWER RELIEF WORKS
CONTRACT SE-3
BERRY STREET
PORTAGE AVENUE TO 37m NORTH OF PUBLIC LANE

CITY DRAWING NUMBER LD-8449
SHEET 12 OF 17
C0547