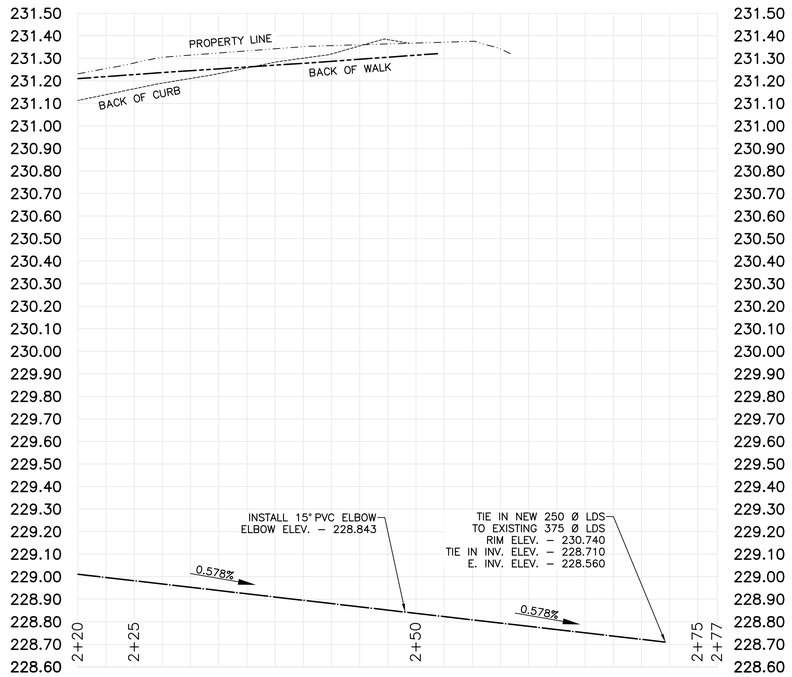
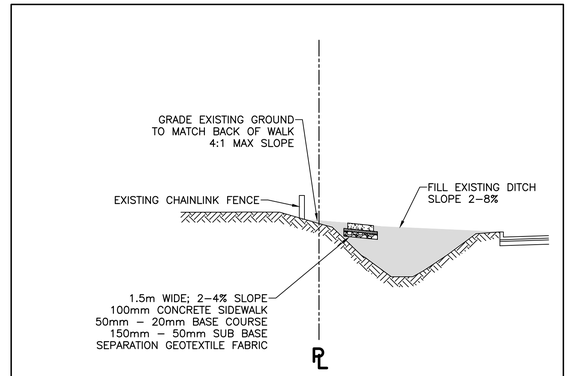
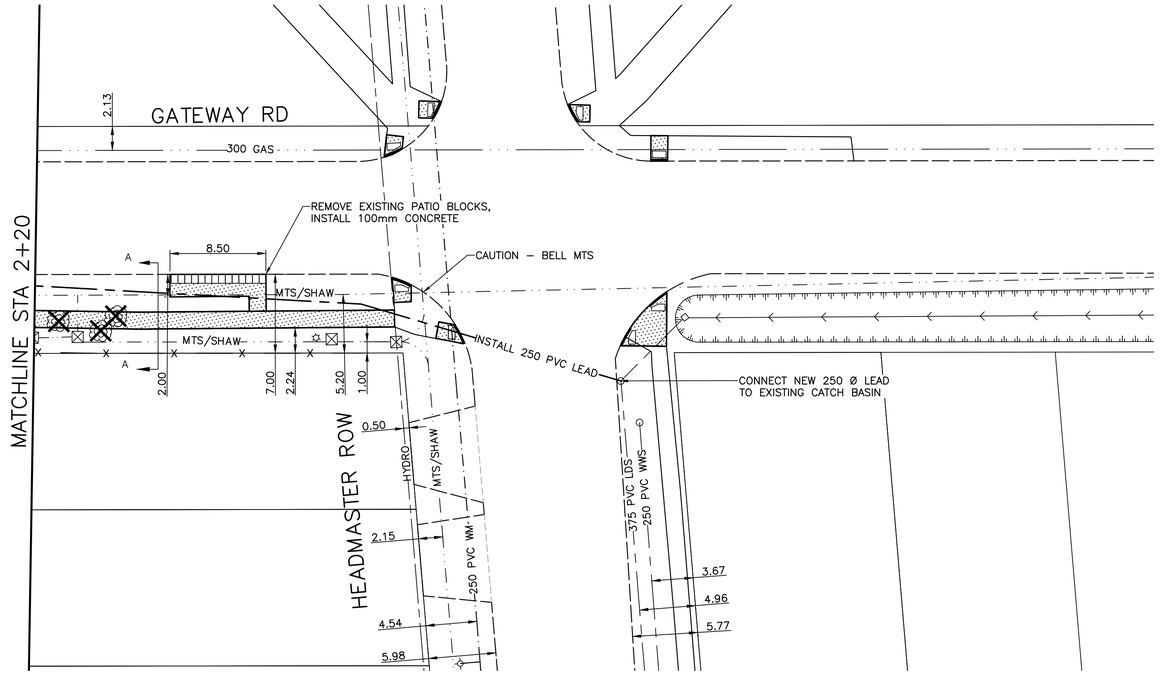




TYPICAL CROSS SECTION A - A
NTS



CONSTRUCTION NOTES

1. CONSTRUCT NEW 100mm CONCRETE SIDEWALK (SD–228A)
2. SUPPLY ALL REQUIRED UNDERGROUND STRUCTURES & APPURTENANCES REQUIRED FOR NEW 250 PVC LDS INSTALLATION
3. SUPPLY & INSTALL DETECTABLE WARNING TILES AT ALL CURB RAMPS AS PER CW 3326
4. REMOVE TREES ALONG ENTIRE LENGTH OF PROJECT
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.
17.
18.

GENERAL NOTES

A. ADD 200.000m TO ALL DESIGN ELEVATION TO OBTAIN GEODETIC
B. CURB REPLACEMENT AS DIRECTED BY CONTRACT ADMINISTRATOR
C. ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED BARRIER
D.
E.
F.
G.
H.

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETERS
DECIMALIZED NUMBERS INDICATE METERS

BID OPPORTUNITY NO. 197–2018

EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PROFILE	PROPOSED
⊹	HYDRANT	⊹	— — —	LDS/WWS	— — —		CONCRETE	
⊗	VALVE	⊗	———	WATERMAIN	———		ASPHALT	
♀	CURB STOP	♀	———	GAS	———		DITCH	
○	MANHOLE	●	— · — · —	TRAFFIC SIGNALS	— · — · —		DITCH FLOW	
□	CATCH BASIN	■	— — —	HYDRO/STREET LIGHT	— — —	EXISTING	LEGEND – PLAN	PROPOSED
△	CURB INLET	▲	———	UNDERGROUND UTILITY	———			
☼	HYDRO POLE	✸	— — —	CURB RENEWAL	———		CENTER LINE	
○○	LIGHT STANDARD	●●	———	PROPERTY LINE	— — —		TOP OF CURB	
○→	TRAFFIC SIGNAL POLE	●→	———	RAMP CURB	———		PROPERTY LINE	
⌖	SURVEY BAR	✸	▭▭▭	CULVERT	▭▭▭		BACK OF WALK	———
▲	GEODETIC BENCH MARK			TREE			LDS	— · — · —

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.

B.M. GBM XX–XXX
ELEV. 2XX.XXX

NO.	REVISIONS	DATE	BY

ENGINEERING DIVISION
TECHNOLOGY SERVICES BRANCH
106 - 1155 PACIFIC AVE

DESIGNED BY K.B. — CHECKED BY C.H.
DRAWN BY K.B.
HOR. SCALE: 1 : 250
VERTICAL: 1 : 10
DATE 2018–04–18

ENGINEER'S SEAL
PROVINCE OF MANITOBA
FIRST
LAST
Member
#
REGISTERED ENGINEER

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

GATEWAY ROAD

FROM **BONNER AVENUE** TO **HEADMASTER ROW**
INSTALL NEW WALK AND LAND DRAINAGE SYSTEM AND ASSOCIATED WORKS

CITY DRAWING NUMBER SE–18–45
SHEET 2 OF 11
2