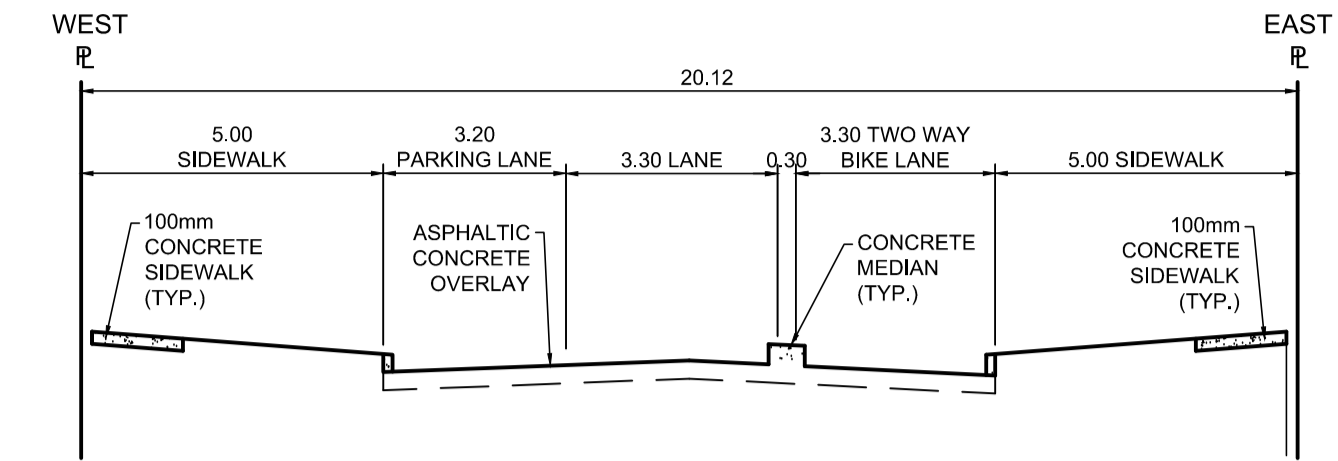


PROFILE
Scale H=1:250 V=1:10

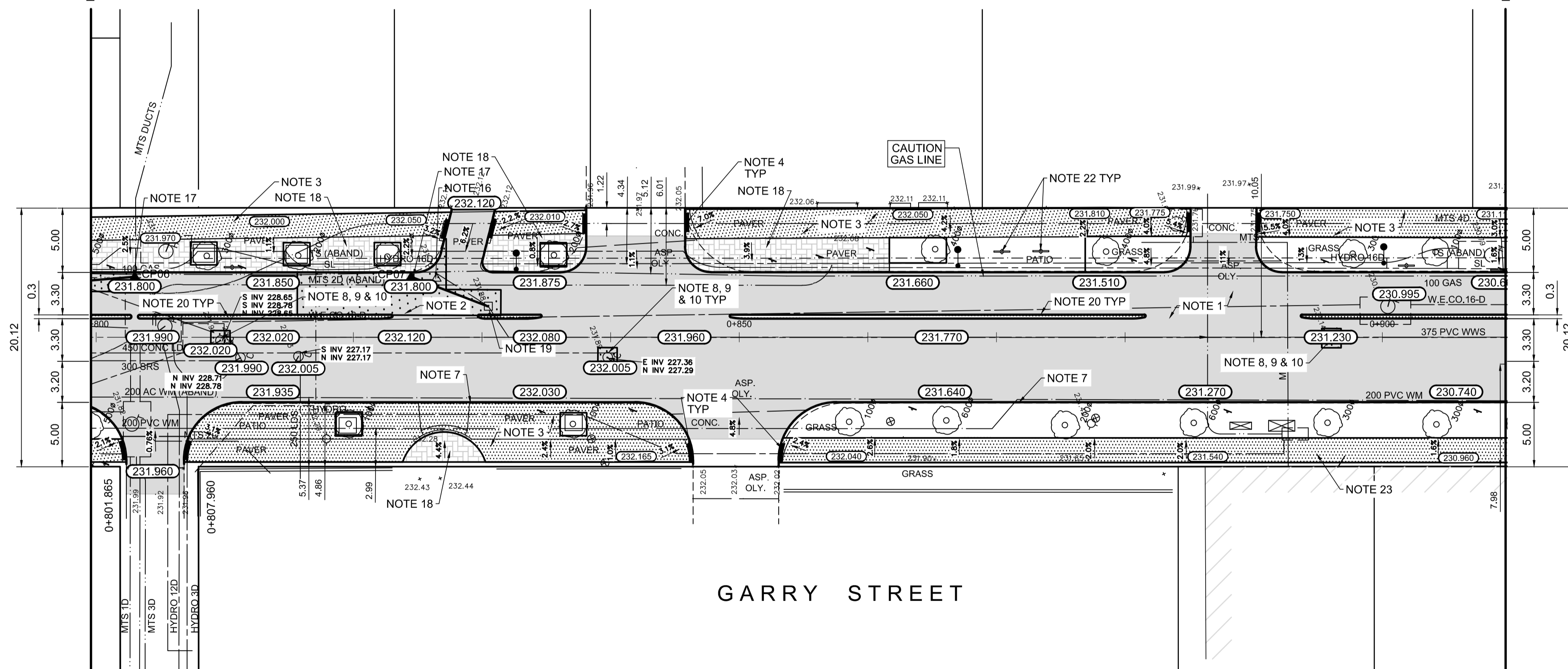


TYPICAL SECTION
Scale NTS

CB & CP TABLE							
DESCRIPTION	RIM ELEV.	INVERT			CONNECTION	LEAD	
		EAST	WEST	NORTH			
CP06	231.800			230.800	EX. CB	5.5m-DRAIN CONN. PIPE	
CP07	231.800			230.800	EX. CB	6.5m-DRAIN CONN. PIPE	

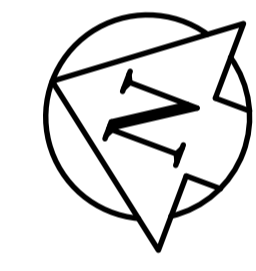
- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - BASELINE IS CENTRELINE OF RIGHT-OF-WAY
 - PROPERTY LINES OBTAINED FROM THE CITY OF WINNIPEG L.B.I.S., AND SCALE FACTOR WAS APPLIED
 - REFER TO AECOM FIELD BOOK NO. 4987
 - REFER TO DWGS CT-41, CT-42 FOR STREETSCAPING ELEMENTS.
 - CATCH BASIN CONNECTIONS TO SEWER DESIGNED TO MAINTAIN PRE-CONSTRUCTION CAPACITY BY CATCH BASIN LEAD RESTRICTION AS INDICATED ON THE DRAWINGS. ADDITIONAL OR MODIFIED CONNECTIONS TO THE SEWER SYSTEM BEYOND THOSE INDICATED ON THE DRAWINGS REQUIRE REVIEW AND WRITTEN APPROVAL BY THE CONTRACT ADMINISTRATOR.

- CONSTRUCTION NOTES:**
- PLANE EXISTING ASPHALT AND CONSTRUCT NEW ASPHALTIC PAVEMENT OVERLAY TYPE 1A (AVERAGE THICKNESS 50mm)
 - REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCE CONCRETE PAVEMENT c/w 50mm TYPE 1A ASPHALT OVERLAY
 - REMOVE EXISTING PAVER SIDEWALK AND CONSTRUCT NEW 100mm SIDEWALK c/w PAVING STONE BAND (SEE DETAIL 2, CT-43)
 - RENEW EXISTING MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
 - CONSTRUCT NEW MODIFIED BARRIER CURB (180mm AVG. HT. REVEAL SEPARATE)
 - REMOVE EXISTING BARRIER CURB
 - RENEW EXISTING BARRIER CURB (180mm AVG. HT. REVEAL)
 - ADJUST EXISTING CATCH BASIN/MANHOLE TO GRADE
 - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-004 AND AP-005)
 - INSTALL NEW CAST IRON RISER RING
 - INSTALL NEW DETECTABLE SURFACE WARNING TILES
 - ADJUST MTS MANHOLE FRAME AND COVER c/w 50mm CAST IRON RISER RING (BY OTHERS)
 - ADJUST EXISTING HYDRO MANHOLE (BY OTHERS)
 - ADJUST EXISTING CURB STOP TO GRADE
 - INSTALL VALVE BOX EXTENSION
 - REMOVE EXISTING GUTTER INLET/CURB INLET
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN
 - REMOVE EXISTING PAVING STONES AND REINSTALL ON LEAN CONCRETE BASE
 - REMOVE EXISTING GRATED COVER AND SUPPLY AND INSTALL NEW SOLID COVER (AP-005)
 - CONSTRUCT NEW MONOLITHIC CONCRETE MEDIAN WITH MOUNTABLE CURB
 - REMOVE AND REINSTALL EXISTING GARBAGE BIN (BY OTHERS)
 - REMOVE AND SALVAGE EXISTING BIKE RACK
 - RENEW EXISTING CONCRETE SIDEWALK.



GARRY STREET

PLAN
Scale 1:250



150 mm W.M.	150 mm W.M.	300mm L.D.S.	250mm W.W.S.	HYDRO	PROPERTY LINE	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
HYDRANT	HYDRO M.T.S.	CONCRETE	MANHOLE	CONCRETE	SURVEY BAR	---	---	---	---
VALVE	CONCRETE	ASPHALT	CATCH BASIN	ASPHALT	ELEVATION (35.750)	---	---	---	---
LAND DRAINAGE SEWER	CONCRETE	ASPHALT	CATCH PIT	ASPHALT	TREE	---	---	---	---
WASTEWATER SEWER	CONCRETE	ASPHALT	TRAFFIC SIGNAL POLE	CONCRETE	SIDEWALK RAMP	---	---	---	---
	CONCRETE	ASPHALT	STREET LIGHT	CONCRETE	CONCRETE SIDEWALK	---	---	---	---
	CONCRETE	ASPHALT	GAS	CONCRETE	FENCE	---	---	---	---

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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	2018/02/26	KWR
B	RE-ISSUED FOR REVIEW	2018/01/29	KWR
A	ISSUED FOR REVIEW	2017/11/27	KWR

AECOM

DESIGNED BY: KWR
CHECKED BY: KWR

DRAWN BY: PAAP
APPROVED BY:

HOR. SCALE: 1:250
VERTICAL: 1:10

RELEASED FOR CONSTRUCTION BY:

DATE: 2017/11/27

ENGINEER'S SEAL

PROVINCE OF MANITOBA

K.W. RAE

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-28

THE CITY OF WINNIPEG

Winnipeg PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

DOWNTOWN BIKE LANE SYSTEM AND STREET IMPROVEMENT

PLAN/PROFILE GRADING PLAN
GARRY STREET
STATION 0+800 TO STATION 0+910

CITY DRAWING NUMBER P-3495-28
SHEET 28 OF 45