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3	D-14909	C-01	2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS CIVIL PLAN - CHEVRIER BLVD.
4	D-14910	A-01	2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS ARCHITECTURAL PLAN - CHEVRIER BLVD.
5	D-14911	E-01	2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS ELECTRICAL - CHEVRIER BLVD. - SITE PLAN
6	D-14912	E-02	2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS ELECTRICAL - CHEVRIER BLVD. - BUILDING POWER
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8	D-14914	E-04	2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS ELECTRICAL - CHEVRIER BLVD. - SINGLE LINE DIAGRAM
9	D-14915	C-02	2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS CIVIL PLAN - McCARTHY STREET
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33	D-14939	2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS McCARTHY STREET 0802-PIT-009 LOOP DIAGRAM

HATCH PATTERNS

EXISTING	NEW	DESCRIPTION
		GRAVEL RESURFACING OR LIMESTONE BASE COURSE
		EARTH
		LIMESTONE SUB-BASE
		CONCRETE (SECTION)
		CONCRETE (PLAN)
		HEATED REINFORCED PAVEMENT
		ASPHALT
		GRASS

ABBREVIATIONS

AVP	AIR AND VAPOUR PROTECTOR
BIT	BITUMEN
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CSTE	CUSTOMER SERVICE TERMINATION ENCLOSURE
CU	COPPER
DEMO	DEMOLISH
E	EAST
ELEV	ELEVATION
EPS	PLASTI-FAB EXPANDED POLYSTYRENE
EXIST	EXISTING
GA	GAUGE
GFCI	GROUND FAULT CIRCUIT INTERUPTER
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
LDS	LAND DRAINAGE SEWER
MOD	MODIFIED
N	NORTH
NTS	NOT TO SCALE
PH	PHASE
PNL	PANEL BOARD
POLY	POLYETHYLENE
PT	PRESSURE TREATED
RECEPT	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
RTU	REMOTE TERMINAL UNIT
S	SOUTH
SA	SELF ADHERED
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UPS	UNITERUPTABLE POWER SUPPLY
WM	WATERMAIN
WWS	WASTE WATER SEWER

LEGEND

PLAN VIEW

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
CROSS		
BEND - 11.25°, 22.5°, 45°, 90°		
TEE		
VERTICAL BEND		
SEWER PIPE		
MANHOLE		
CATCH BASIN		
CURB INLET		
DITCH		
CULVERT		
SURVEY BAR		
TREE - CONIFEROUS		
HYDRO		
HYDRO POLE		
LAMP STANDARD		
HYDRO POLE W/STREET LIGHTING		
POLE		
GUY ANCHOR		
PEDESTAL OR BOX		
FENCE		
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
PROPERTY LINE		
LOT LINE		
SIDEWALK - PATHWAY		

SCHEMATICS

DESCRIPTION	SYMBOL
TRANSFORMER	
CIRCUIT BREAKER	
UTILITY METER	M
VALVE	
CHECK VALVE	
SOLENOID OPERATED VALVE	S
MAGNETIC FLOW METER	M
SOLENOID	S

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2017/11/23

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
0	ISSUED FOR BID OP 634-2017	17/11/23	B.L.M.

DESIGNED BY	W.N.	CHECKED BY	W.N.
DRAWN BY	S.C.K.	APPROVED BY	
SCALE: HORIZONTAL	–	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2017 11 24	DATE	

PLOT DATE: 2017 11 24

ENGINEER'S SEAL
PROVINCE OF MANITOBA
Nov 23/17
B.L. MOORE
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
N–01

BID OPPORTUNITY: 634–2017
CONTRACT NUMBER: X

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2017 REHABILITATION OF PUBLIC WATER SERVICE OUTLETS: PAVEMENT WORKS, BUILDING SUPPLY AND REPAIRS, DEMOLITION AND ELECTRICAL
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