

## **GENERAL NOTES**

- 1. THE EXISTENCE, LOCATION AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURES AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.
- 2. UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY OTHERS. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT.
- 3. THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. ALL UTILITIES TO BE LOCATED IN THE FIELD AND MODIFIED AS NECESSARY TO TC-E-10 AND TC-E-11 STANDARDS.
- 4. ENVIRONMENTAL PROTECTION MEASURES AND PROCEDURES SHALL BE AS PER THE APPROPRIATE GOVERNMENT AND OWNER'S ENVIRONMENTAL GUIDELINES.
- 5. CONTRACTOR MUST MAINTAIN DRAINAGE AT ALL TIMES. PROPOSED CULVERTS LENGTHS AND ELEVATIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MAINTAINING & REMOVING ANY TEMPORARY FACILITIES NECESSARY TO ACCESS THE SITE. INCLUDING, BUT NOT LIMITED TO, FENCES, GATES, CULVERT, GRANULAR, SILT FENCES & TRAFFIC CONTROL DEVICES.
- 7. ALL ACCESS WAYS MUST BE MAINTAINED TO A LEVEL THAT WILL PERMIT PASSAGE BY MAINTENANCE, ENGINEERING AND OPERATIONS VEHICLES AT ALL TIMES.
- 8. THE CONTRACTOR MUST LIMIT MOVEMENT OF CONSTRUCTION TRAFFIC TO WITHIN THE CONSTRUCTION LIMITS. ANY AND ALL DAMAGE TO EXISTING FACILITIES (INCLUDING, BUT NOT LIMITED TO, FENCES, PAVEMENT, CULVERTS ETC.) WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE REPAIRED TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.
- 9. SURVEY CONTROL IS BASED ON UTM ZONE 14 NAD 83. DUE CARE MUST BE MADE TO PREVENT DESTRUCTION OR ALTERATION OF SITE CONTROL. IF UNAVOIDABLE THE CONTRACT ADMINISTRATOR ON SITE MUST BE NOTIFIED IMMEDIATELY.
- 10. ADDITIONAL CULVERTS TO BE FIELD LOCATED, AS DIRECTED BY THE CONTRACT ADMINISTRATOR AND EXISTING DRAINAGE PATTERNS TO REMAIN.
- 11. ALL PROPERTY LINES ARE PROVIDED FOR INFORMATION PURPOSES ONLY.

## **DRAWING UNITS**

ALL UNITS ARE IN METRIC (m) UNLESS NOTED OTHERWISE TO CONVERT METRIC DIMENSIONS TO FEET DIVIDE BY 0.3048

## **ABBREVIATIONS**

BC BM BVC BVCE BVCS CS CCP CCP CCP CCP CCP CCP CCP CCP CC	BEGIN CURVE BENCHMARK BEGIN VERTICAL CURVE BEGIN VERTICAL CURVE ELEVATION BEGIN VERTICAL CURVE STATION CATCHBASIN CENTERLINE CHAIN LINK FENCE CURVE TO SPIRAL CORRUGATED STEEL PIPE CONCRETE CONTROL POINT CULVERT DEGREE OF CURVE (CHORD DEFINITION) DRAWING END CURVE ELEVATION END VERTICAL CURVE END VERTICAL CURVE ELEVATION END VERTICAL CURVE STATION EXISTING GRANULAR HIGH DENSITY POLYETHYLENE INVERT (PIPE or DITCH) LEFT HAND MANHOLE MAXIMUM MIDDLE MINIMUM MIDDLE MINIMUM MILEAGE NOT IN CONTRACT ORIGINAL / EXISTING GROUND OVERHEAD POINT OF INTERSECTION PROPOSED POINT OF SWITCH POINT OF VERTICAL INTERSECTION ELEVA POINT OF VERTICAL INTERSECTION STATI		
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**OBTAINED FROM THE INDIVIDUAL UTILITIES** 

BEFORE PROCEEDING WITH CONSTRUCTION.

NO. REVISIONS

RIGHT HAND RIGHT OF WAY SPIRAL TO CURVE STORM SEWER STATION **SPIRAL TO TANGENT TANGENT** TURNOUT TANGENT TO SPIRAL TOP OF RAIL TOWNSHIP TYPICAL **RAILWAY CROSSING** VARIES OR VARIABLE VERTICAL CURVE DIAMETER WASTE WATER SEWER WATERMAIN SIGNAL AND COMMUNICATION CITY OF WINNIPEG

EXISTING	DESCRIPTION	PROPOSED
<b>•</b>	SWITCH STAND	
<del></del> •	POWER SWITCH	<b>₹</b>
_	HINGED DERAIL	_
	TWO-WAY HINGED DERAIL	_
	CROSSING PLANKS	-
	CENTRELINE MAIN	
	CENTRELINE SPUR	
	RAIL REMOVE/REALIGN	
△ CP 000	SURVEY CONTROL POINT	
$MH_{ullet}$	MANHOLE	
<b>→</b> >	DITCH FLOW DIRECTION	$\rightarrow$
<b>&gt;</b>	CULVERT/CULVERT EXTENSION	<b>&gt;</b>
	RAILWAY R/W	
O TELE PED	TELEPHONE PEDESTAL	
)O(	LIGHT POLE	
	SECURITY FENCE	- <del>-</del>

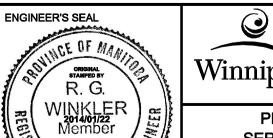
EXISTING	DESCRIPTION	PROPOSED
	CONTOURS AND LABELS	
	DISPLAYED AT 0.5m INTERVALS	
mmmmm	TREE LINE, BUSHES & SHRUBS	
	GRAVEL ROADWAY	
	PAVED ROADWAY	
	GRADING REQUIREMENTS	
он — <b>Р</b>	OVERHEAD POWER LINE WITH POLE	
т — Р	OVERHEAD TELEPHONE LINE WITH POLE	
///	UNDERGROUND FIBRE OPTIC LINE	
т	UNDERGROUND TELEPHONE LINE	
OIL	UNDERGROUND OIL LINE	
GAS	UNDERGROUND GAS LINE	
Р	UNDERGROUND POWER LINE	
	PROPERTY LINE	
UG S&C	UNDERGROUND S & C CABLE	
	CONSTRUCTION EASEMENT	
<b>С</b> В	CATCH BASIN	● СВ



LOCATION APPROVED		B.M. ELEV.							
SUPV. U/G STRUCTURES  DATE COMMITTEE						AEC			
	NOTE:					DESIGNED BY	BRP	CHECKED BY	ВЈМ
	LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN					DRAWN BY	WD	APPROVED BY	RCP
	THAT ALL EXISTING UTILITIES ARE SHOWN OR	2	Issued For Addendum	14/01/22	RCP	HOD COALE	1:500	RELEASED FOR	
CONFIRMATION OF EXIST	THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT	1	Issued For Addendum	ed For Addendum 13/12/10 RO	RCP	VERTICAL: 1	1:50	CONSTRUCTION BY:	
	LOCATION OF ALL SERVICES MUST BE	0	Issued For Tender	13/10/15	RCP				

DATE

2014/01/22



6708

CONSULTANT DRAWING NO.

2014/01/22

DATE

30-SHT-CR-1101



## THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION CONTRACT 3

SHOOFLY REMOVAL AND FINAL CONFIGURATION OVERALL PLAN, LEGEND AND GENERAL NOTES

CR-1101

CITY DRAWING NUMBER

U238-2014-2201

**BID OPPORTUNITY NO. 712-2013**