

KEY PLAN

SCALE: NTS

GENERAL NOTES

- 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.
- 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.
- 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.
- ENVIRONMENTAL PROTECTION MEASURES AND PROCEDURES SHALL BE AS PER THE APPROPRIATE GOVERNMENT AND OWNER'S ENVIRONMENTAL GUIDELINES.
- CONTRACTOR MUST MAINTAIN DRAINAGE AT ALL TIMES. PROPOSED CULVERTS LENGTHS AND ELEVATIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- ALL BUSH WITHIN GRADING LIMITS TO BE REMOVED BY CONTRACTOR.
- 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.
- ALL ACCESS WAYS MUST BE MAINTAINED TO A LEVEL THAT WILL PERMIT PASSAGE BY MAINTENANCE, ENGINEERING AND OPERATIONS VEHICLES AT ALL TIMES.
- 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.
- 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.
- ADDITIONAL CULVERTS TO BE FIELD LOCATED, AS DIRECTED BY THE CONTRACT ADMINISTRATOR AND EXISTING DRAINAGE PATTERNS TO REMAIN.
- 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	BEGIN CURVE	RH	RIGHT HAND
BM	BENCHMARK	ROW / RW	RIGHT OF WAY
BVC	BEGIN VERTICAL CURVE	SC	SPIRAL TO CURVE
BVCE	BEGIN VERTICAL CURVE ELEVATION	STM	STORM SEWER
BVCS	BEGIN VERTICAL CURVE STATION	STA.	STATION
CB	CATCHBASIN	ST	SPIRAL TO TANGENT
CLF	CHAIN LINK FENCE	TAN	TANGENT
CS	CURVE TO SPIRAL	TO	TURNOUT
CSP	CORRUGATED STEEL PIPE	TS	TANGENT TO SPIRAL
CONC	CONCRETE	T/R	TOP OF RAIL
CP	CONTROL POINT	TWP	TOWNSHIP
CULV	CULVERT	TYP.	TYPICAL
Dc	DEGREE OF CURVE (CHORD DEFINITION)	XING	RAILWAY CROSSING
DWG	DRAWING	VAR.	VARIES OR VARIABLE
EC	END CURVE	VC	VERTICAL CURVE
EL. / ELEV.	ELEVATION	Ø	DIAMETER
EVC	END VERTICAL CURVE	WWS	WASTE WATER SEWER
EVCE	END VERTICAL CURVE ELEVATION	WM	WATERMAIN
EVCS	END VERTICAL CURVE STATION	S & C	SIGNAL AND COMMUNICATION
EXIST.	EXISTING	COW	CITY OF WINNIPEG
GRAN.	GRANULAR		
HDPPE	HIGH DENSITY POLYETHYLENE		
INV.	INVERT (PIPE or DITCH)		
LH	LEFT HAND		
MH	MANHOLE		
MAX.	MAXIMUM		
MID.	MIDDLE		
MIN.	MINIMUM		
M	MILEAGE		
NIC	NOT IN CONTRACT		
OG	ORIGINAL / EXISTING GROUND		
O/H or OH	OVERHEAD		
PI	POINT OF INTERSECTION		
PROP	PROPOSED		
PS	POINT OF SWITCH		
PVI	POINT OF VERTICAL INTERSECTION		
PVIE	POINT OF VERTICAL INTERSECTION ELEVATION		
PVIS	POINT OF VERTICAL INTERSECTION STATION		

LEGEND

FOR SHOOFLY AND FINAL EMBANKMENT DRAWING (P-3346-1001 - P-3346-1065)

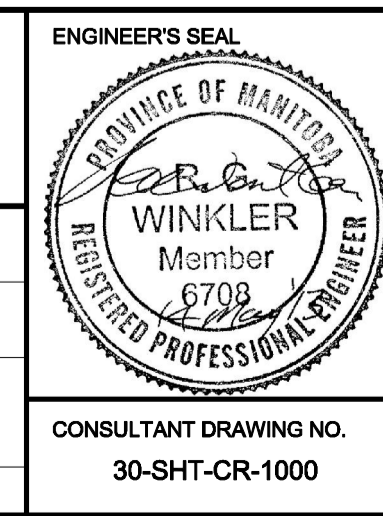
EXISTING	DESCRIPTION	PROPOSED	EXISTING	DESCRIPTION	PROPOSED
	SWITCH STAND			CONTOURS AND LABELS DISPLAYED AT 0.5m INTERVALS	
	POWER SWITCH			TREE LINE, BUSHES & SHRUBS	
	HINGED DERAIL			GRAVEL ROADWAY	
	TWO-WAY HINGED DERAIL			PAVED ROADWAY	
	CROSSING PLANKS			GRADING REQUIREMENTS	
	CENTRELINE MAIN			OVERHEAD POWER LINE WITH POLE	
	CENTRELINE SPUR			OVERHEAD TELEPHONE LINE WITH POLE	
	CENTRELINE MAIN FUTURE			UNDERGROUND FIBRE OPTIC LINE	
	RAIL REMOVE/REALIGN			UNDERGROUND TELEPHONE LINE	
	SURVEY CONTROL POINT			UNDERGROUND OIL LINE	
	MANHOLE			UNDERGROUND GAS LINE	
	DITCH FLOW DIRECTION			UNDERGROUND POWER LINE	
	CULVERT/CULVERT EXTENSION			PROPERTY LINE	
	RAILWAY R/W			UNDERGROUND S & C CABLE	
	TELEPHONE PEDESTAL			CONSTRUCTION EASEMENT	
	LIGHT POLE			CATCH BASIN	
	SECURITY 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.	

B.M. ELEV.	
0	Issued For Tender
NO. REVISIONS	DATE BY
	13/05/14 RCP

AECOM	
DESIGNED BY: BRP	CHECKED BY: BJM
DRAWN BY: WD	APPROVED BY: RCP
HOR. SCALE: 1:500	RELEASED FOR CONSTRUCTION BY:
VERTICAL: 1:50	
DATE: 2013/05/14	DATE:



THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT	
PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION CONTRACT 1	
CITY DRAWING NUMBER P-3346-1001	SHEET 2 OF 27
SHOOFLY AND FINAL EMBANKMENT OVERALL PLAN, LEGEND AND GENERAL NOTES	