



- CONSTRUCTION NOTES:**
1. RENEW EXISTING SIDEWALK WITH 100mm CONCRETE.
  2. ADJUST DRAINAGE INLET.
  3. ADJUST MANHOLE TO GRADE.
  4. INSTALL NEW CATCHBASIN (SD-024), COVER (AP-011) AND NEW 250 CB LEAD TO 900 LDS.
  5. ABANDON EXISTING CATCHBASINS AND CATCHBASIN LEADS.
  6. PARTIAL SLAB PATCHES (150 CONCRETE)
  7. SLAB REPLACEMENT (150 REINFORCED CONCRETE).
  8. ADJUST VALVES TO GRADE.
  9. REMOVE EXISTING CURB & GUTTER INLET. ABANDON EXISTING CATCHBASIN LEAD.
  10. INSTALL NEW RAMP CURB.
  11. ALL NEW CONCRETE PAVEMENT TO BE EARLY OPENING 72 HOUR (NOT INCLUDING SIDEWALK RENEWAL).
  12. ALL PIPING UNDER PAVEMENT TO BE INSTALLED BY TRENCHLESS METHODS.

- GENERAL NOTES:**
- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
  - B. CHAINAGE IS ALONG WEST LIMIT OF MANILA ROAD RIGHT-OF-WAY.

**WARNING**  
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:  
1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. SEE PROVINCIAL REGULATION 149/92 FOR DETAILS.

**APEGN**  
Certificate of Authorization  
TETRA TECH WEI Inc.  
No. 5313 Date: April 30, 2014

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
150 WM	WATERMAIN	150 WM	SWALE	→	→	RIGHT-OF-WAY	---	---
400 FM	FEEDERMAIN	400 FM	MANHOLE	●	●	GAS	---	---
300 LDS	LAND DRAINAGE SEWER	300 LDS	CATCHBASIN	■	■	HYDRO	---	---
250 WWS	WASTEWATER SEWER	250 WWS	HYDRO BOX	□	□	MTS	---	---
300 CS	COMBINED SEWER	300 CS	HYDRO POLE	○	○	DETECTABLE WARNING TILE	□	□
200 FCM	FORCEMAIN	200 FCM	LIGHT STANDARD	⊕	⊕	ELEVATION	(32.000)	(32.000)
+	JUNCTIONS	+	ANCHOR	⊕	⊕	SIDEWALK	---	---
⊕	HYDRANT	⊕	TREE	○	○	CURB	---	---
⊕	VALVE	⊕	SURVEY BAR	⊕	⊕	ASPHALT	---	---
⊕	CURB STOP	⊕	SIGNAL CONTROLLER	⊕	⊕	CONCRETE	---	---
⊕	LEGEND-PLAN	PROPOSED	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	LEGEND-PLAN

**LOCATION APPROVED UNDERGROUND STRUCTURES**  
SUPPLY 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
	01	ISSUED FOR TENDER	13.08.28	SV
	00	ISSUED FOR APPROVAL	13.08.06	SV

**TETRA TECH**  
DESIGNED BY SV  
DRAWN BY GMD  
CHECKED BY  
APPROVED BY  
HOR. SCALE: 1 : 250  
VERTICAL: 1 : 10  
DATE 13.07.10

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION  
CONSULTANT DRAWING NO. 1300070100-DWG-C1010

**THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT**  
2013 LOCAL STREET RENEWAL PROGRAM PAVEMENT REHABILITATION  
MANILA ROAD  
40m NORTH OF MADDIN CRESCENT (SOUTH LEG) TO CARTWRIGHT ROAD  
CITY DRAWING NUMBER SHEET 10 OF 10  
C1010