



- CONSTRUCTION NOTES:**
1. THE CONTRACTOR MUST COMPLY WITH ALL SPECIFICATIONS OUTLINED IN E23 - OPERATING CONSTRAINTS FOR WORK IN CLOSE PROXIMITY TO FEEDERMAINS.
 2. PROPOSED WATERMAIN RENEWAL TO BE COMPLETED BY OTHERS IN JUNE / JULY 2011.
 3. EXIST. ALUMINUM GUARDRAIL TO BE SALVAGED AND DELIVERED TO CITY YARD. IN ACCORDANCE WITH E21

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

- 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 210/72 FOR DETAILS.
 3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
+	HYDRANT VALVE	+	MTS	MTS	MTS	+	HYDRANT VALVE	+
300 LDS	LAND DRAINAGE SEWER	300 LDS				300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 WWS	WASTE WATER SEWER	250 WWS				250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	●				○	MANHOLE	○
□	CATCH BASIN	■				□	CATCH BASIN	□
▽	CURB INLET	▽				▽	CURB INLET	▽
+	JUNCTIONS	+				+	JUNCTIONS	+
---	CULVERT	---				---	CULVERT	---
100 GAS	GAS	100 GAS				100 GAS	GAS	100 GAS
---	EXISTING	---	---	---	---	---	PROPOSED	---
---	LEGEND-PLAN	---	---	---	---	---	LEGEND-PLAN	---
---	EXISTING	---	---	---	---	---	PROPOSED	---
---	LEGEND-PLAN	---	---	---	---	---	LEGEND-PROFILE	---
---	EXISTING	---	---	---	---	---	PROPOSED	---

UNDERGROUND STRUCTURES

B.M. 654271 N 5517192.470 E 632610.651
ELEV. 233.084

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	11/06/23	JNC

DESIGNED BY: RTP
DRAWN BY: PMW
CHECKED BY: JNC
APPROVED BY: DPK

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

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY B. KIBBINS
DATE: 11/06/23

DESIGNED BY: RTP
DRAWN BY: PMW
CHECKED BY: JNC
APPROVED BY: DPK

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

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY B. KIBBINS
DATE: 11/06/23

CONSULTANT PROJECT NUMBER: 11-4587

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

BISON DRIVE & PEMBINA HIGHWAY
INTERSECTION IMPROVEMENTS

PAVING AND GRADING
STA: 0+340 TO 0+505 EASTBOUND CONTROL LINE

CITY DRAWING NUMBER: P-3327-11
SHEET: 11 OF 24
CONSULTANT DRAWING NUMBER