

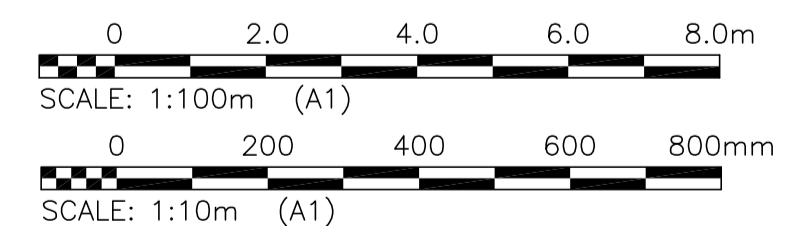
**NOTES:**

1. ALL MEASUREMENTS TO BACK OF CURB.
2. ALL EXISTING TREES TO BE PROTECTED AND MAINTAINED THROUGHOUT CONSTRUCTION.
3. ALL BUS STOPS WITHIN LIMITS OF CONSTRUCTION TO BE TEMPORARILY RELOCATED BY OTHERS DURING WORKS.
4. HAND OR SOFT DIG METHODS REQUIRED OVER ALL UTILITIES AT INTERVALS DETERMINED BY THE ENGINEER TO DETERMINE DEPTH OF COVER.
5. NO WORKS, INCLUDING CONCRETE CUTTING OR BREAKING, TO BE UNDERTAKEN NEAR GAS LINES UNTIL DEPTH OF COVER IS DETERMINED AND A MB HYDRO SAFETY WATCH IS ON SITE.
6. ANY GAS MAINS OR SERVICES EXPOSED IN THE EXCAVATION AREA TO BE ROCK WRAPPED IN ACCORDANCE WITH MB HYDRO STANDARDS PRIOR TO WORK PROCEEDING ON SITE.
7. NO VIBRATORY COMPACTION PERMITTED WITHIN 1M OF GAS MAINS.
8. CONSTRUCT NEW MONOLITHIC CURB RAMP (10mm HEIGHT INTEGRAL)
9. REPLACE EXISTING SD-24 CATCHBASIN INSTALL BARRIER CURB AND GUTTER INLET FRAME (AP-008) AND INLET COVER (AP-008) AND REPLACE 250 LEAD @ 2% MINIMUM GRADE.
10. TRANSVERSE JOINTS SPACED AT 5.0 INTERVALS UNLESS OTHERWISE NOTED.

**PROPERTY LIMITS DELINEATION**  
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

**WARNING**  
NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.  
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION

300 LBS	LAND DRAINAGE SEWER	300 LBS		TEST HOLE		
250 WWS	WASTE WATER SEWER	250 WWS	+	GUY WIRE		
---	GAS	---	-	LIGHT STANDARD		
---	HYDRO	---	••	BACK OF CURB		
---	M.T.S.	---	---	CONCRETE	X-X	Q PROFILE
150 WM	WATERMAIN	150 WM	---	ASPHALT	□-□	N/W LANE EDGE
+	HYDRANT	+	---	SIDEWALK	○-○	S/E LANE EDGE
⊗	VALVE	⊗	---	PROPERTY LINE	◇-◇	N/W LANE P
○	MANHOLE	○	---	SURVEY BAR	○-○	S/E MEDIAN Q
□	CATCH BASIN	□	+	GEODETTIC BENCHMARK	⊕	PARKING/DRIVEWAY WINDOW/DOOR SILL
▽	CURB INLET	▽	⊙	ELEVATION	(32.231)	TTTTT
•	POLES	•	---			
---	LEGEND-PLAN	---	---	PROPOSED		PROPOSED

**LOCATION APPROVED UNDERGROUND STRUCTURES**

B.M. KGS\_BASE ELEV. 249.213

COORDINATE SYSTEM: CGV28

DESIGNED BY: AKW

CHECKED BY:

DRAWN BY: AKW

APPROVED BY:

HOR. SCALE: 1:250

VERTICAL: 1:10

RELEASED FOR CONSTRUCTION:

DATE: 17/04/18

DATE: 17/06/20

DATE: 17/06/12

NO. REVISIONS

DATE

BY

DATE

BY

DATE

**KGS GROUP CONSULTING ENGINEERS**

ENGINEER'S SEAL

PROJECT TITLE: 2017 INDUSTRIAL STREETS PACKAGE

ST. BONIFACE INDUSTRIAL PARK SECTIONS AND DETAILS

CONSULTANT DRAWING NO. C114

DESIGNED BY: AKW

CHECKED BY:

DRAWN BY: AKW

APPROVED BY:

HOR. SCALE: 1:250

VERTICAL: 1:10

RELEASED FOR CONSTRUCTION:

DATE: 17/04/18

DATE:

BY:

DATE:

**THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION**

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