



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 140/92 FOR DETAILS.

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM
+	HYDRANT	+	M.T.S.	+	HYDRANT, VALVE	+
⊗	VALVE	⊗	CONCRETE	⊗	LAND DRAINAGE SEWER	⊗
300 LDS	LAND DRAINAGE SEWER	300 LDS	ASPHALT	250 WWS	WASTE WATER SEWER	250 WWS
250 WWS	WASTE WATER SEWER	250 WWS	SIDEWALK	×	PROPERTY LINE	×
○	MANHOLE	○	PROPERTY LINE	○	NORTH OR WEST GUTTER	○
□	CATCH BASIN	□	SURVEY BAR	○	SOUTH OR EAST GUTTER	○
▽	CURB INLET	▽	GEODETIC BENCHMARK	◇	NORTH OR WEST DITCH	◇
+	JUNCTIONS	+	DITCH	○	SOUTH OR EAST DITCH	○
—	CULVERT	(31.334)	ELEVATION	△	NORTH OR WEST DITCH	△
—	GAS	—	SIDEWALK RAMP	▽	SOUTH OR EAST DITCH	▽
---	EXISTING	---	LEGEND-PLAN	---	LEGEND-PROFILE	---
---	PROPOSED	---	PROPOSED	---	EXISTING	---

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. 84R635
 ELEV. 232.457m
 84R635 - Lake Crest Rd. & Waverley St., Tbt on top of 0.05m dia. x 2.4m iron pipe, 14.2m N. of S.L. of Lake Crest Rd. & 0.6m E. of E.L. of Waverley St.

Stantec Consulting Ltd.
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 Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	V.M.M.	CHECKED BY	S.B.C.
DRAWN BY	T.G.	APPROVED BY	V.M.M.
HOR. SCALE:	1:500	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:20	DATE	
ISSUED FOR TENDER	11.07.15	DATE	09.09.10
NO. REVISIONS		DATE	

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
V.M. MAROTI
 MEMBER 30809
 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

WWARP PART I
 KENASTON BOULEVARD EXTENSION - N.B. LANES
 NORTH TOWN ROAD TO BISHOP GRANDIN BOULEVARD
 HORIZONTAL & VERTICAL ALIGNMENT - AI
 BISHOP GRANDIN BLVD. EB - STA 2+400 TO STA 2+725

SHEET 16 OF 65
 CAD FILE DRAWING NUMBER 04840c-201-a1.dwg
 CITY DRAWING NUMBER P-3316-16

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