



APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2007

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 140/92 FOR DETAILS

NOTE:
STATIONS BASED ON EAST ϕ OF WAVERLEY.

- CONSTRUCTION NOTES:**
1. EXPOSE EXISTING WATERMAIN AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. CONFIRM LOCATION OF ALL SERVICES.
 3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 4. TRENCHES AND EXCAVATIONS WITHIN 1 METER OF PAVED AREAS SHALL BE CLASS 3 BACKFILL.
 5. ALL MATERIALS SHALL CONFORM TO CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 6. MINIMUM COVER SHALL BE 2.4m.
 7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED MAIN TO PL.
 8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTIONS OF SERVICE.
 9. LAMP STANDARDS, UTILITY POLES AND ANCHORS IN CONFLICT WITH PROPOSED WATERMAIN INSTALLATION MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

Bench Mark N. side Chevrier Blvd., W of Hamelin St., Tbit. in E. Conc. foundation of No. 1457 Chevrier Blvd. (Metal Alloys Ltd.), 0.1 m E. & 0.4 m below Conc. block of S.W. Cor. of Bldg.

150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕	M.T.S.	⊕	HYDRANT, VALVE	⊕
⊙	VALVE	⊙	CONCRETE	⊙	LAND DRAINAGE SEWER	⊙
⊖	LAND DRAINAGE SEWER	⊖	ASPHALT	⊖	WASTE WATER SEWER	⊖
⊗	WASTE WATER SEWER	⊗	SIDEWALK	⊗	EX. GROUND PROFILE	⊗
○	MANHOLE	○	PROPERTY LINE	⊠	NORTH OR WEST GUTTER	⊠
□	CATCH BASIN	□	SURVEY BAR	⊡	SOUTH OR EAST GUTTER	⊡
▽	CURB INLET	▽	DITCH	⊢	NORTH OR WEST ϕ	⊢
+	JUNCTIONS	+	ELEVATION	⊣	SOUTH OR EAST ϕ	⊣
○	SIGN	○	CURB STOP	⊤	NORTH OR WEST DITCH	⊤
○	GAS	○	ANODE	⊥	SOUTH OR EAST DITCH	⊥
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING
---	LEGEND-PROFILE	---	---	LEGEND-PROFILE	---	---

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.

NO.	REVISIONS	DATE	BY
1	REVISED HYDRANT APPROACHES	06.06.15	

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY: JKH	CHECKED BY: WWB
DRAWN BY: JKH	APPROVED BY: HAK
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION:
VERTICAL: 1:50	DATE:

ENGINEER'S SEAL
ORIGINAL SEALED BY H.A. KATZ P. ENG. JUNE 5, 2006
CONSULTANT DRAWING NO. C-207

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2006 WATERMAIN RENEWALS
WAVERLEY STREET
AUTOMALL ENTRANCE EAST TO SCURFIELD BOULEVARD
STA 1+41 TO STA 2+75

SHEET 7 OF 11
CAD FILE DRAWING NUMBER 09010C-207675.dwg
CITY DRAWING NUMBER D-9030