



- SEWER REPAIR NOTES:**
- BACKFILL UNDER AND WITHIN 1.0 PAVEMENT (INCLUDING SIDEWALK) TO BE CLASS 3.
  - BACKFILL IN BOULEVARD TO BE CLASS 5
  - NEW SEWER SERVICE PIPE TO HAVE A MINIMUM OF 1% GRADE

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

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



□	CATCH BASIN	■	GAS
▽	CURB INLET	▲	HYDRO
— 300 LDS	LAND DRAINAGE SEWER	— 300 LDS	M.T.S.
— 250 WWS	WASTE WATER SEWER	— 250 WWS	GUY WIRE
○	MANHOLE	●	LIGHT STANDARD
◇	HYDRANT	⊙	FENCE
— 150 WM	WATERMAIN	— 150 WM	HYDRO POLE
⊕	VALVE	⊙	M.T.S. MANHOLE
—	PROPERTY LINE	—	TREE
—	SURVEY BAR	—	TRAFFIC SIGNAL
—	DITCH	—	CULVERT
—	EXISTING	—	LEGEND—PLAN
—	LEGEND—PLAN	—	PROPOSED

**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. ELEV.	
NO.	REVISIONS
DATE	BY

**Stantec**  
500 - 311 Portage Avenue, Winnipeg MB Canada  
www.stantec.com

DESIGNED BY	J.H.	CHECKED BY	J.C.
DRAWN BY	J.H.	APPROVED BY	J.C.
HOR. SCALE:	1:500	RELEASED FOR CONSTRUCTION:	
VERTICAL:		DATE	2016.07.04

ENGINEER'S SEAL

CONSULTANT DRAWING NO.  
**C-108**

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

**2016 REGIONAL STREET PROGRAM**

**WATT STREET**  
UNDERPASS TO CHALMERS AVE.  
CATCH BASIN LEAD REPAIRS & REPLACEMENTS

SHEET **8** OF **62**

CAD FILE DRAWING NUMBER  
**06880c-108-884.dwg**

CITY DRAWING NUMBER  
**U205-16-08**  
**P-3478-08**

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