

PORTAGE AVENUE

REGRADE EXISTING WATERMAIN &
PATCH BOTH HOLES IN SEWER WALL (SEE NOTE 1)



S-MH20000903
RIM 237.02
INV N 230.96
INV E 230.96

S-MH20000378
RIM 236.92
INV W 230.76
INV E 230.76

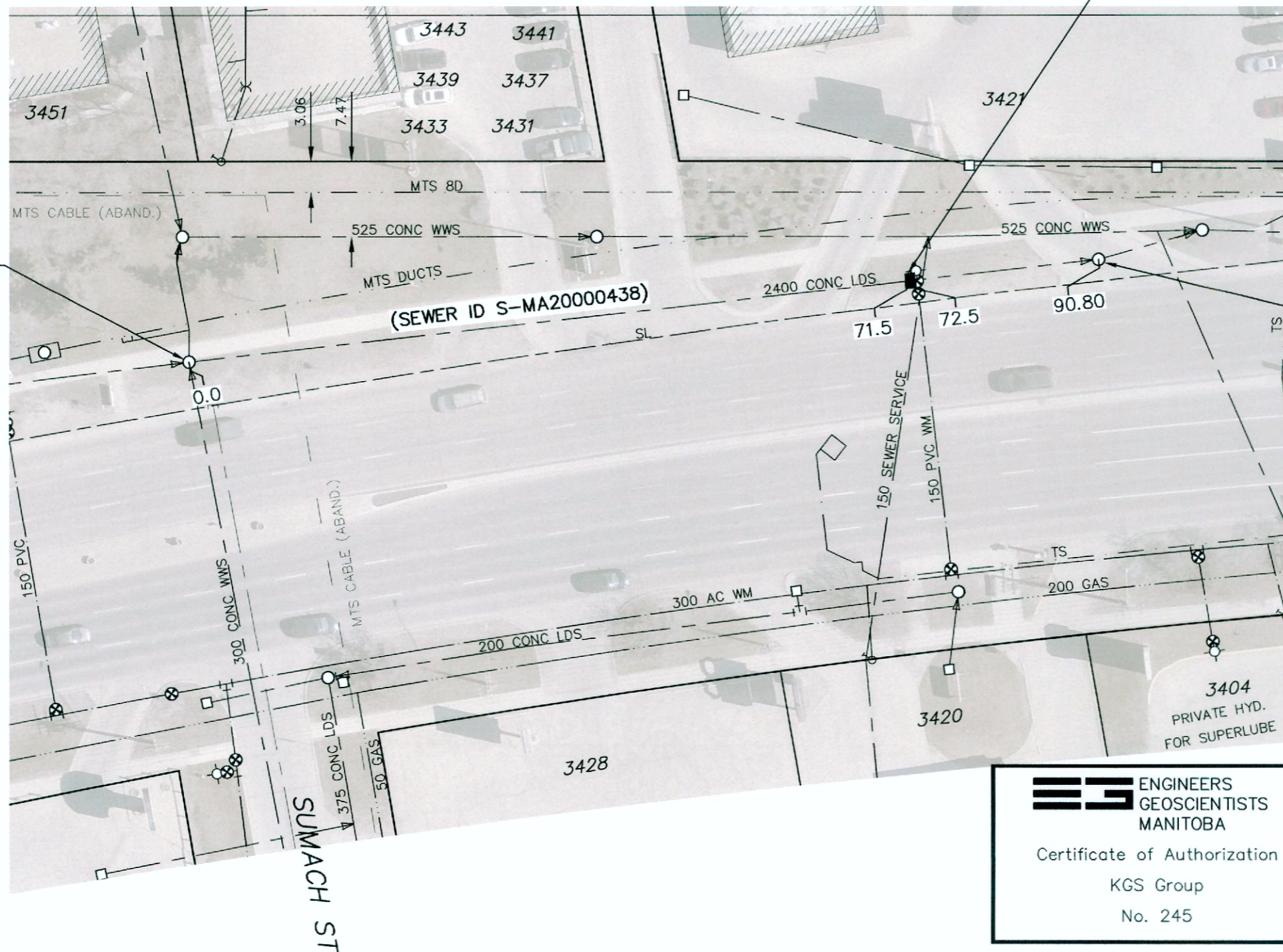
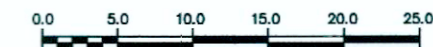
NOTES:

1. PRIOR TO CONSTRUCTION, SOFT DIG AT THE LOCATION OF THE CROSSING TO VERIFY IF THE PIPE PASSING THROUGH THE 2400Ø LDS IS WATER MAIN. IF THE PIPE IS WATERMAIN, REGRADE WATERMAIN TO CROSS THE 2400Ø LDS AT A MIN 300 CLEAR DISTANCE. INSTALL INSULATION AS PER SD-018 WHERE COVER TO FINAL GRADE IS LESS THAN 2.10. PATCH BOTH HOLES IN THE SEWER. IF PIPE IS SEWER SERVICE, NO FURTHER REPAIR REQUIRED.

FOR INDEX SEE
DWG D-12503

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



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

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

EG ENGINEERS
GEOSCIENTISTS
MANITOBA

Certificate of Authorization
KGS Group
No. 245

**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.	ISSUED FOR TENDER	DATE	BY
0	ISSUED FOR TENDER	20/04/08	KTD
NO.	REVISIONS	DATE	BY

KGS
GROUP

DESIGNED BY MID
DRAWN BY GEL
SCALE:
HORIZONTAL 1:500
VERTICAL
DATE 2020 04 06

CHECKED BY *JM*
APPROVED BY *RBO*
RELEASED FOR CONSTRUCTION
DATE

ENGINEER'S SEAL



CONSULTANT DRAWING NUMBER
D-12520



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2020 SEWER MAIN RENEWALS
BY EXTERNAL POINT REPAIR
PORTAGE AVENUE
MH AT SUMACH STREET TO
1ST MH EAST OF SUMACH STREET

SHEET 19 OF 29

CITY DRAWING NUMBER

D-12520

PLOT DATE: 2020 04 06

BID OPPORTUNITY: 213-2020
CONTRACT NUMBER: 1

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