

- NOTES:**
- ALL UTILITIES SHOWN ON DRAWINGS ARE APPROXIMATE ONLY. LOCATIONS OF ALL UTILITIES TO BE CONFIRMED IN FIELD BY THE CONTRACTOR.
  - ALL UNDERGROUND AND SURFACE WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS EXCEPT WHERE OTHERWISE NOTED IN THE PROJECT SPECIFICATIONS.
  - INSTALL FEEDER MAIN BY OPEN CUT METHODS, UNLESS OTHERWISE NOTED OR OTHERWISE APPROVED BY THE CONTRACT ADMINISTRATOR.
  - TEMPORARY SUPPORTING OF EXISTING UTILITIES TO FACILITATE EXCAVATION OR SHAFT CONSTRUCTION WILL BE CONSIDERED INCIDENTAL TO THE PIPE INSTALLATION, AS DESCRIBED IN THE SPECIFICATIONS.
  - INSTALL TRACER WIRE ON ALL FEEDER MAIN PIPING. INSTALL ACCESS PORTS AT ALL HORIZONTAL BENDS AS PER SPECIFICATION SECTION E28.
  - THE EXISTING GROUND ELEVATIONS SHOWN ON THE DRAWINGS ARE BASED ON LIDAR DATA OBTAINED NOV 2020.
  - THE ELEVATIONS OF BEDROCK AND TILL SHOWN ON THE DRAWING ARE APPROXIMATE ONLY AND SHOULD NOT BE INTERPRETED AS EXACT LINES OF CHANGE IN STRATIGRAPHY. SUBSURFACE CONDITIONS AT THE SITE MAY DIFFER FROM THE CONDITIONS SHOWN ON THE DRAWING. PLEASE REFER TO THE GEOTECHNICAL DATA REPORT (GDR) FOR LIMITATIONS OF THE GEOTECHNICAL INFORMATION OBTAINED FROM BOREHOLE DRILLING AND GEOPHYSICAL SEISMIC REFRACTION METHOD.
  - CONTRACTOR TO REFERENCE THE GEOTECHNICAL BASELINE REPORT (GBR) FOR A DESCRIPTION OF THE ANTICIPATED SUBSURFACE CONDITIONS ALONG THE FEEDER MAIN ALIGNMENT.
  - INSTALL ALL PIPING TO GRADES SHOWN. ENSURE MINIMUM 2.5m COVER OR PROVIDE INSULATION AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
  - CONTRACTOR TO RESTORE SITE TO PRE-CONSTRUCTION CONDITION FOLLOWING COMPLETION OF CONSTRUCTION.

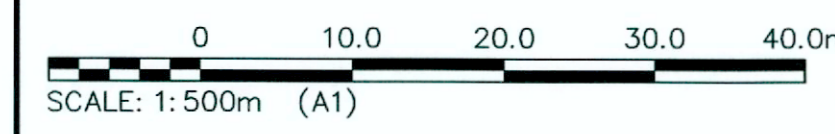
**KGS GROUP IS NOT RESPONSIBLE FOR ANY CLAIMS, DAMAGES, OR LIABILITY ASSOCIATED WITH INTERPRETATION OF SUBSURFACE DATA OR FOR REUSE OF SUBSURFACE DATA.**

NOTE: CHAINAGES SHOWN ARE ALONG STURGEON ROAD ☺



FOR INDEX SEE 1-0798F-D0002-001

**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

**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.

VERTICAL DATUM: CGVD28 (HT2.0 Geoid)	
HORIZONTAL DATUM: NAD83 (June 1990), Zone 14	
NO.	REVISIONS
1	ISSUED WITH ADDENDUM 2
0	ISSUED FOR TENDER
DATE	DATE
24/05/13	24/04/26
BY	BY
GTH	GTH
DATE	DATE
2024 05 13	YYYY/MM/DD
PLOT DATE: 2024 05 13	

**KGS GROUP**

DESIGNED BY: GTH  
DRAWN BY: GTH

CHECKED BY: *RKD*  
APPROVED BY: *RSD*

RELEASED FOR CONSTRUCTION

SCALE:  
HORIZONTAL: 1:500  
VERTICAL: 1:50

DATE: 2024 05 13

ENGINEER'S SEAL

PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
GTH  
HEINRICHS  
Member  
38162  
312573

CONSULTANT DRAWING NUMBER  
C-4A-113

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

CENTREPORT SOUTH REGIONAL WATER AND WASTEWATER  
SERVICING - PHASE 1A CONTRACT 4A - FEEDER MAIN  
**STURGEON ROAD NORTH**  
STA 3+255 TO STA 3+510

SHEET 16 OF 34  
CITY DRAWING NUMBER  
13435

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
KGS Group  
No. 245

**ISSUED FOR TENDER**  
NOT TO BE USED FOR CONSTRUCTION