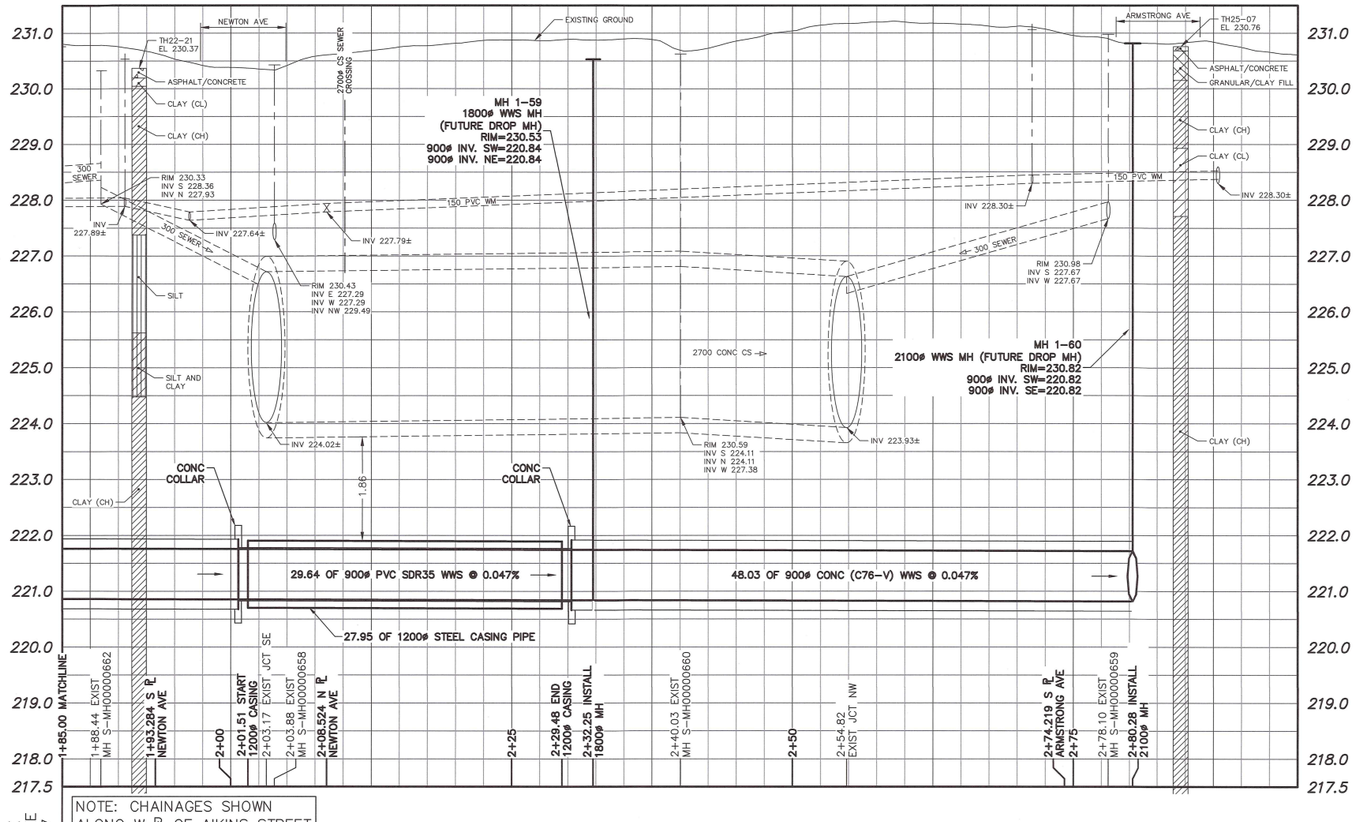
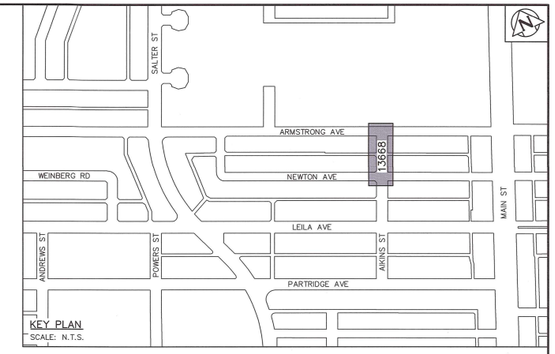


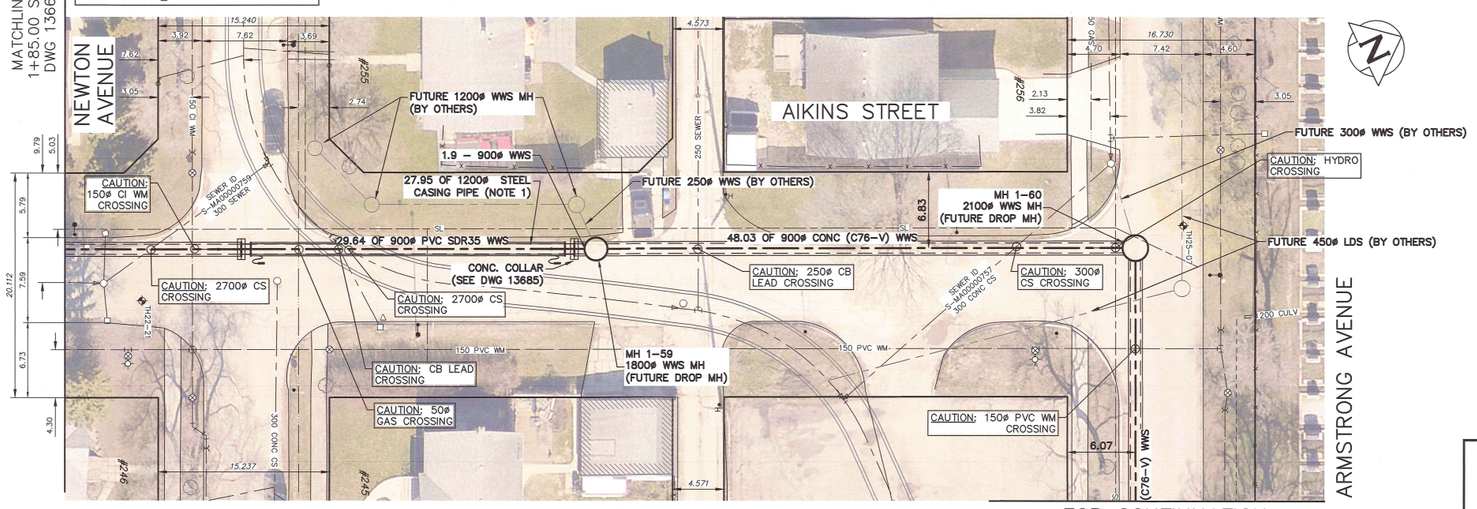




**NOTES:**

1. CASING PIPE SPECIFICATION:
   - OUTSIDE DIAMETER: 1219mm
   - WALL THICKNESS: 19.1mm
   - PIPE MATERIAL: STEEL
   - ASTM A252 GR2
   - PROTECTION: N/A
   - JOINT: WELDED
   - INSTALLTION: AUGER BORING
   - CARRIER PIPE TO BE SUPPORTED BY MANUFACTURED CASING SPACES. CASING ENDS TO BE SEALED WITH MANUFACTURED NEOPRENE RUBBER END SEALS.

| SEWER SERVICE INFORMATION | | | | | |
|---|---|---|---|---|---|
| ADDRESS | STATUS | SIZE (mm) MATERIAL | COORDINATES AT JUNCTION | COORDINATES AT PROPERTY | REMARKS |
| | | | | | |

MATCHLINE 1+85.00 SEE DWG 13667




FOR CONTINUATION SEE DWG 13669

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

FOR INDEX PAGE SEE DWG 13643

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0
SCALE 1:250 (A1)

**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 | DATE (YYYY/MM/DD) | BY |
|---|---|---|---|
| 0 | ISSUED FOR CONSTRUCTION | 2026/03/10 | MID |

KGS GROUP

| | | | |
|---|---|---|---|
| DESIGNED BY | MID | CHECKED BY | TLE |
| DRAWN BY | GEL | APPROVED BY | RBO |
| SCALE: HORIZONTAL | 1:250 | RELEASED FOR CONSTRUCTION | Duane Baker |
| VERTICAL | 1:50 | | |
| DATE | | DATE | March 12th, 2026 |

PLOT DATE:

ENGINEER'S SEAL
PROVINCE OF MANITOBA — M.A. PANKOWA-DEDOVA — Member 31615 — 2026/03/10 — MANITOBA PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
C1-27

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION

ARMSTRONG SEWER RELIEF WORKS
CONTRACT 1
AIKINS STREET
8.3 S OF NEWTON AVENUE TO ARMSTRONG AVENUE

SHEET 27 OF 46
CITY DRAWING NUMBER
13668

BID OPP: 839-2025
CONTRACT NUMBER: 1

FILE PATH: \\kgs-file\r-data\Projects\2025\25-0107-002\Dwg\Mun\C1 Sheets\
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