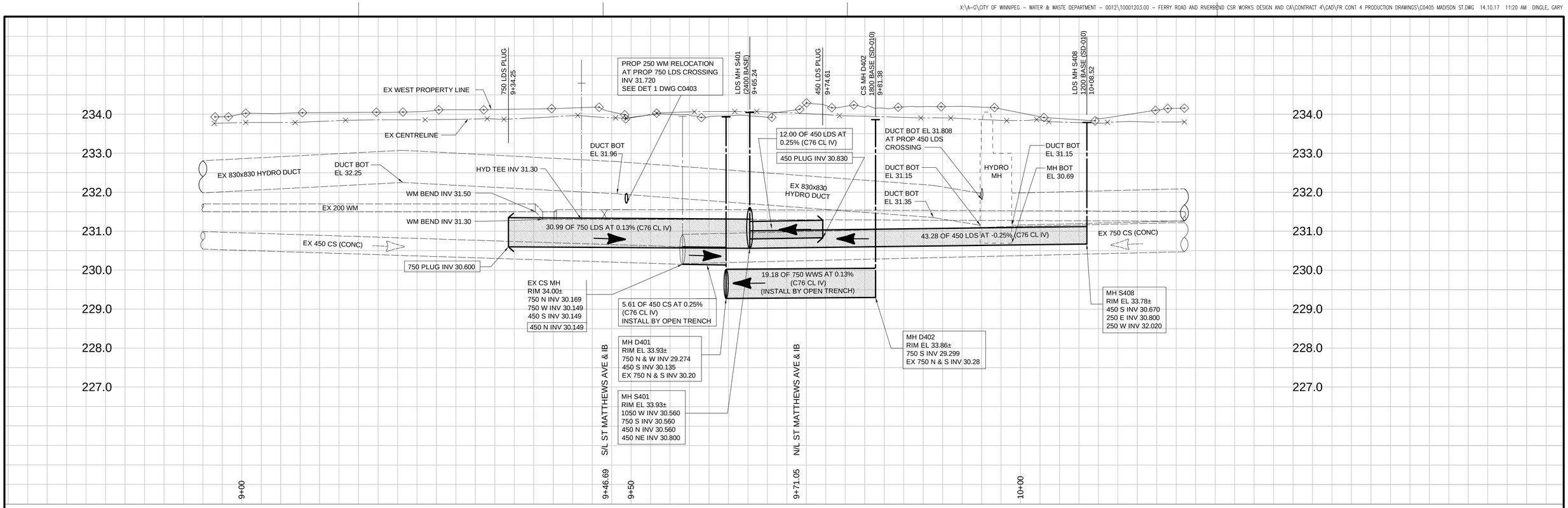
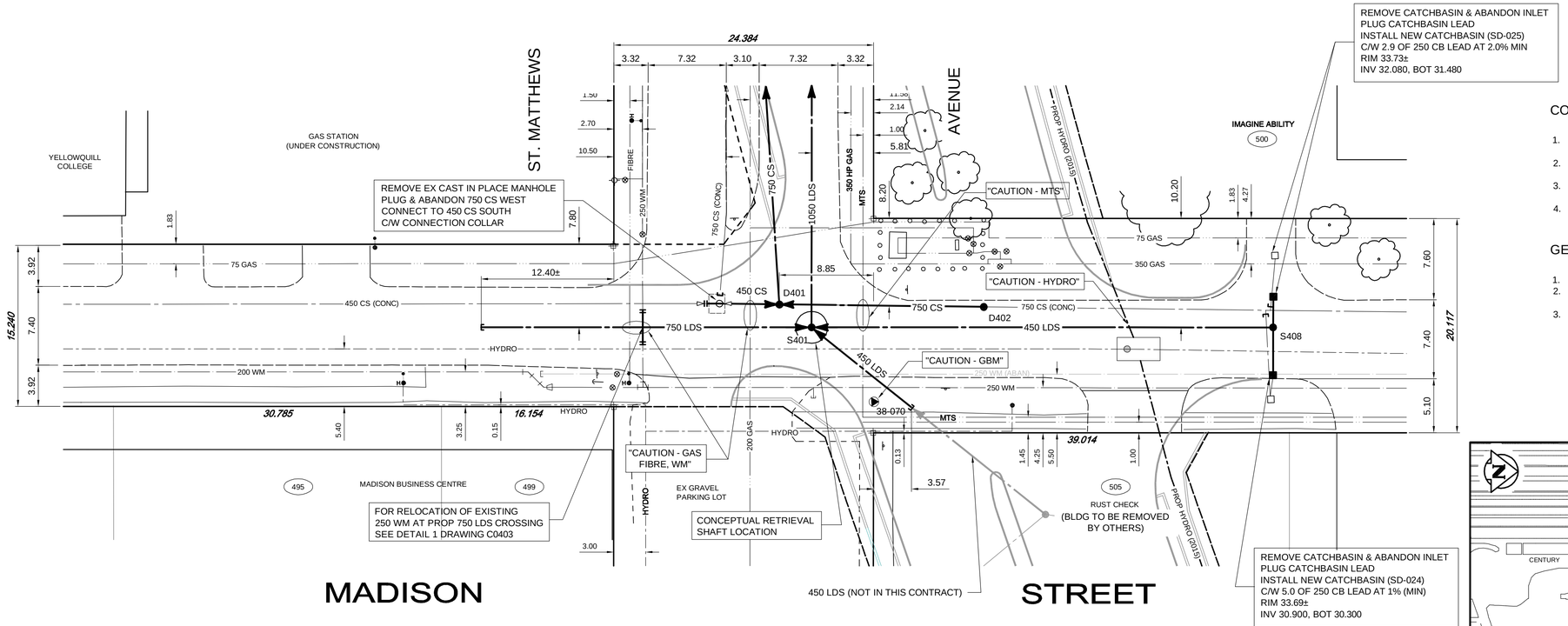


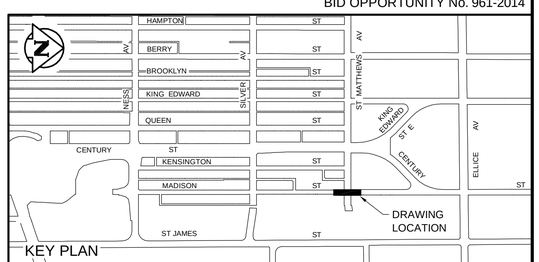

## CONSTRUCTION NOTES:

1. LOCATION OF ALL SEWER AND WATER LINES TO BE CONFIRMED IN THE FIELD.
2. SEWER AND WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE ONLY.
3. INSTALL NEW SEWER AND CATCHBASIN LEADS BY TRENCHLESS METHODS, UNLESS NOTED OTHERWISE.
4. CATCHBASN LEAD RISERS TO BE TYPE 'B' (SD-015).

## GENERAL NOTES:

1. CHAINAGE IS ALONG WEST LIMIT OF MADISON STREET.
2. STATION 6+28.16 = WEST LIMIT OF MADISON ST AND NORTH LIMIT OF SILVER AVENUE.
3. SEE SPECIFICATIONS FOR DETAILED TEST HOLE INFORMATION.

BID OPPORTUNITY No. 961-2014




APEGM
Certificate of Authorization
TETRA TECH WEI Inc.
No. 5313 Date: April 30, 2015

**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.

| EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| 150 WM | WATERMAIN | 150 WM | | BEND | | | ANCHOR | |
| 400 FM | FEEDERMAIN | 400 FM | | TEE | | | TREE | |
| 300 LDS | LAND DRAINAGE SEWER | 300 LDS | | PLUG | | 15.240 | LEGAL DIMENSION | |
| 250 WWS | WASTEWATER SEWER | 250 WWS | | MANHOLE | | | SURVEY BAR | |
| 300 CS | COMBINED SEWER | 300 CS | | CATCHBASIN | | | TRAFFIC SIGNAL | |
| 200 FCM | FORCEMAIN | 200 FCM | | CURB INLET | | | GAS | |
| | JUNCTIONS | | 66 | ADDRESS | | | HYDRO | |
| | HYDRANT | | | HYDRO POLE | | | MTS | |
| | VALVE | | | LIGHT STANDARD | | | SIDEWALK | |
| | REDUCER | | | BOLLARD | | | CURB | |

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. CITY OF WINNIPEG 38-069
ELEV. 233.792m

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 01 | ISSUED FOR TENDER | 14.10.16 | KJM |
| 00 | ISSUED FOR APPROVAL | 14.10.15 | KJM |

TETRA TECH

DESIGNED BY GWC — CHECKED BY KJM
DRAWN BY GMD, NL — APPROVED BY GS
HOR. SCALE: 1 250 — RELEASED FOR CONSTRUCTION
VERTICAL: 1 : 50
DATE 14.09.16 — DATE 10-17-14

PROVINCE OF MANITOBA — K.J. McRAE — 2014-10-16 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
1000120300-DWG-C0148

Winnipeg

# THE CITY OF WINNIPEG
## WATER AND WASTE DEPARTMENT

FERRY ROAD AND RIVERBEND
COMBINED SEWER RELIEF WORKS
CONTRACT 4

MADISON STREET
12m SOUTH OF ST MATTHEWS AVENUE TO
37m NORTH OF ST MATTHEWS AVENUE

CITY DRAWING NUMBER 10878
SHEET 5 OF 9
C0405