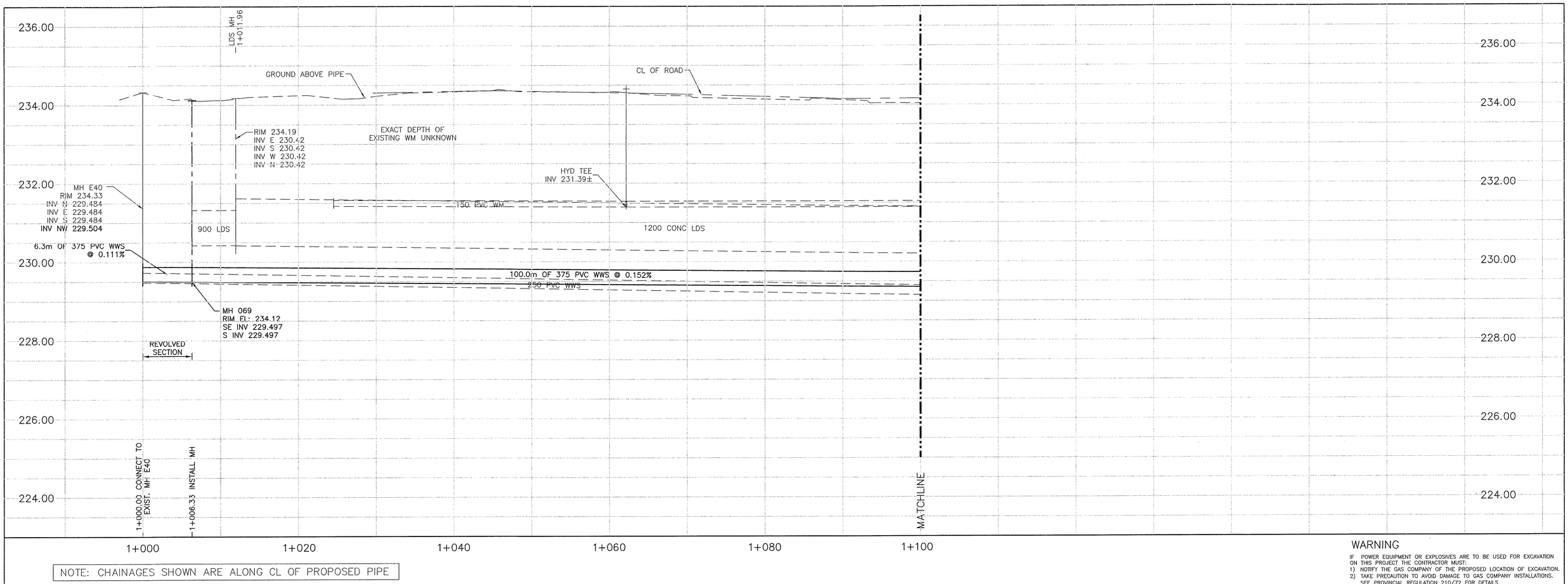
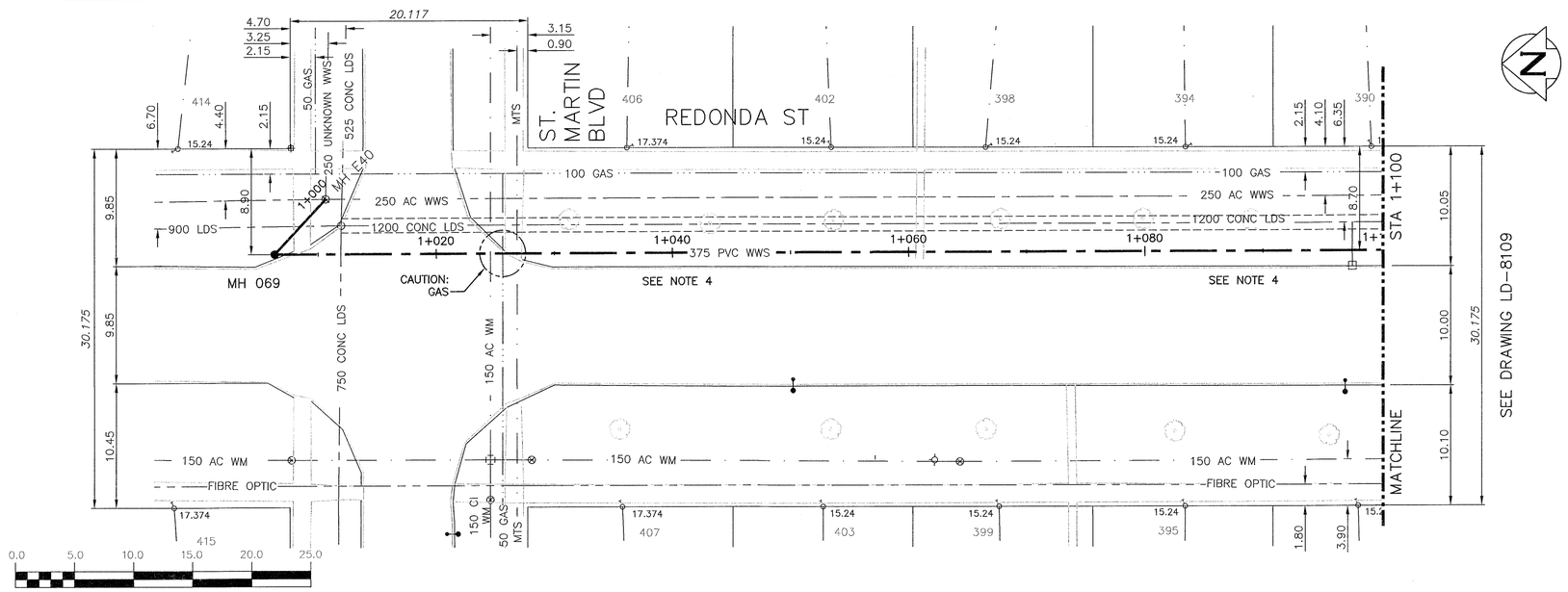



NOTE: CHAINAGES SHOWN ARE ALONG CL OF PROPOSED PIPE




| SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION | | |
|---|---|---|
| DISTANCE FROM MH ID E40 | | |
| DISTANCE | DIAMETER | CLOCK |
| 25.9 | 150 | 1 |
| 42.3 | 150 | 1 |
| 55.4 | 150 | 1 |
| 71.9 | 150 | 1 |
| 87.0 | 150 | 2 |

ALL EXISTING LIVE SEWER SERVICES FOUND TO BE IN CONFLICT, TO BE RENEWED ONLY OVER 1m FROM NEW 375 WWS. REFER TO SPECIFICATION CLAUSE E27 FOR FULL RENEWAL/ ABANDONMENT DETAILS

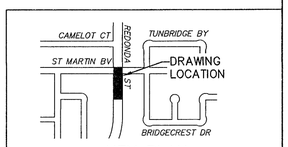
## WARNING

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

CONSTRUCTION NOTES:

1. SEWER AND WATER SERVICES SHOWN ON DRAWING ARE APPROXIMATE ONLY.
2. LOCATION OF ALL SEWER AND WATER LINES TO BE CONFIRMED IN FIELD.
3. INSTALL NEW SEWER BY TRENCHLESS METHODS, UNLESS OTHERWISE NOTED.
4. EXISTING SERVICE CONNECTIONS (FROM WEST ONLY) THAT ARE FOUND TO BE IN DIRECT CONFLICT WITH THE NEW RELIEF SEWER ARE TO BE RECONNECTED TO NEW 375 WWS PIPE. THE EXISTING SERVICES ARE TO BE PLUGGED/ ABANDONED AS PER CITY OF WINNIPEG STANDARD SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE TO CONFIRM ALIGNMENT AND DEPTH OF EXISTING SERVICES PRIOR TO INSTALLATION OF NEW 375 WWS RELIEF PIPE.

APEGM
Certificate of Authorization
CH2M HILL Canada Ltd.
No. 1441




KEY PLAN

| EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PROFILE | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| 200 WM | WATERMAIN | 200 WM | | SL , HYDRO | | 150 WM | WATERMAIN | 150 WM |
| | HYDRANT | | | MTS | | | HYDRANT | |
| | VALVE | | | TRAFFIC SIGNALS | | | VALVE | X |
| 525 LDS | LAND DRAINAGE SEWER | 525 LDS | 50 GAS | GAS | 50 GAS | 300 LDS | LAND DRAINAGE SEWER | 300 LDS |
| 375 WWS | WASTEWATER SEWER | 375 WWS | | SURVEY BAR | | 250 WWS | WASTEWATER SEWER | 250 WWS |
| | MANHOLE | | | FENCE | | | ℄ PROFILE | |
| | CATCH BASIN | | | POLE – HYDRO, MTS | | | GROUND ABOVE PIPE | |
| | CURB INLET | | | CURB STOP | | | | |
| | JUNCTIONS | | | GUY ANCHOR | | | | |
| | CULVERT | | | LIGHT STANDARD | | | | |
| | ANODE | | | TREE | | | | |

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.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 0 | ISSUED FOR TENDER | 11/17 | JBC |

ch2m

DESIGNED BY MAF
CHECKED BY MD
DRAWN BY JBC
APPROVED BY
SCALE:
HORIZONTAL 1:250
VERTICAL 1:50
RELEASED FOR CONSTRUCTION
DATE

ENGINEER'S SEAL 11-02-17
PROVINCE OF MANITOBA
GODON
Member
25524
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
C-254

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

TRANSCONA SEWER RELIEF WORKS
CONTRACT NO. 4
REDONDA STREET
STA 1+000 TO 1+100

SHEET 13 OF 19
CITY DRAWING NUMBER
LD-8108

PLOT DATE: 2017 11 02
BID OPPORTUNITY: 810-2017
FILE PATH: C:\pw_workdir\den001\jcortez1\d1184428\
FILE NAME: C-254.dwg