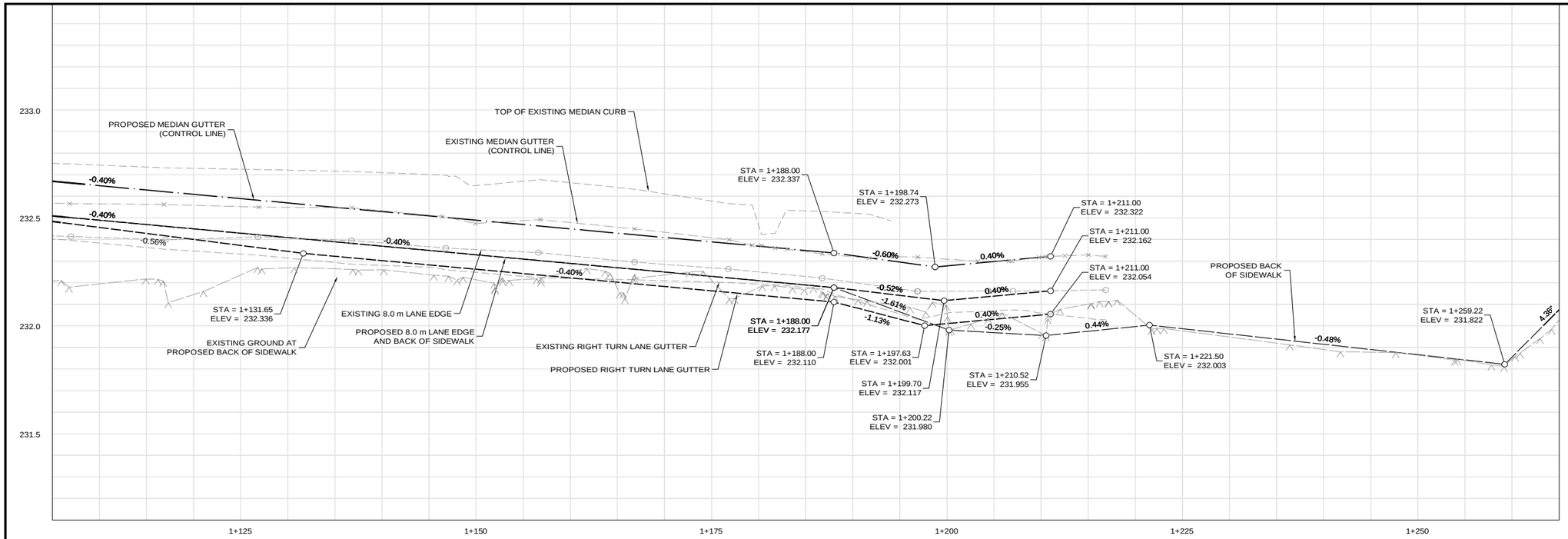


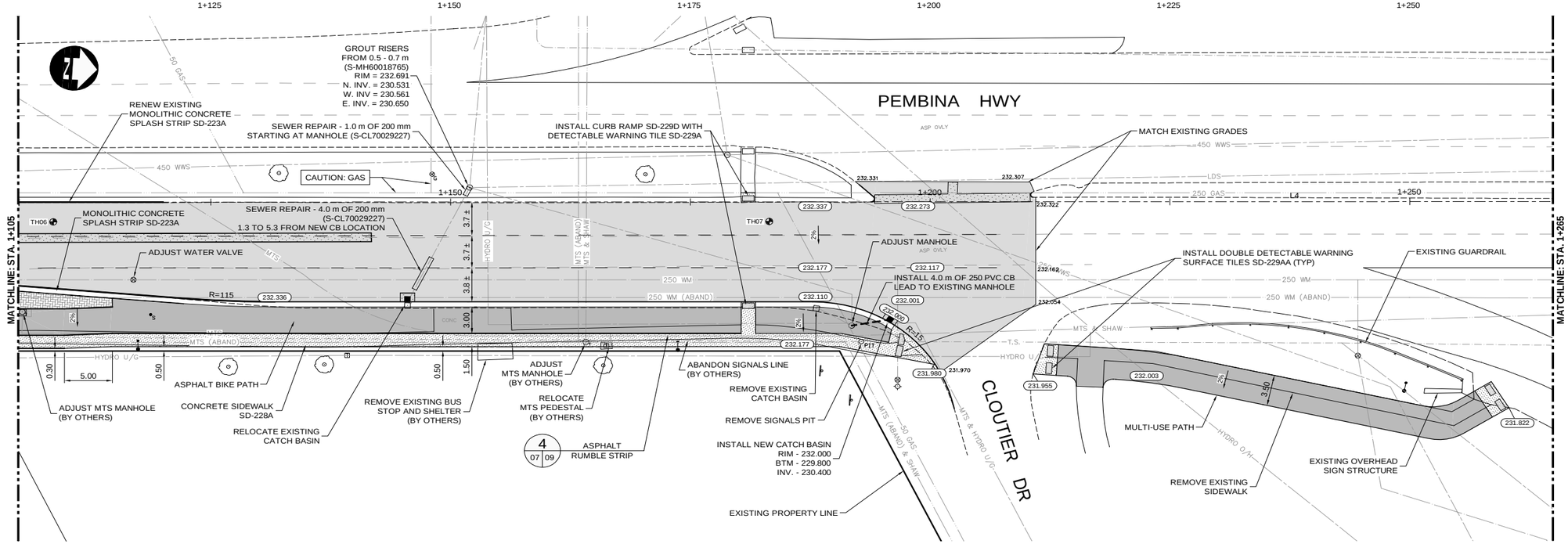


## CONSTRUCTION NOTES:

1. ALL DIMENSIONS ARE TO BACK OF CURB.
2. ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
3. LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
4. CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
5. LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
6. CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
7. LIMITS OF SIDEWALK RENEWAL TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
8. LIMITS OF BOULEVARD GRADING TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.

## METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

## 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.
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2018/01/17

| EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PROFILE | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| 150 WM | WATERMAIN | 150 WM | | CONCRETE | | 150 WM | WATERMAIN | 150 WM |
| | HYDRANT | | | ASPHALT | | 300 LDS | LAND DRAINAGE SEWER | 300 LDS |
| | VALVE | | | PLANING | | 250 WWS | WASTE WATER SEWER | 250 WWS |
| | MANHOLE | | | SIDEWALK | | | HYDRANT | |
| | CATCH BASIN | | | PAVING STONES | | | VALVE | |
| | CURB INLET | | | PARTIAL DEPTH REPAIR | | | ℄ PROFILE | |
| 300 LDS | LAND DRAINAGE SEWER | 300 LDS | | PROPERTY LINE | | | NORTH/WEST GUTTER | |
| 250 WWS | WASTE WATER SEWER | 250 WWS | | DRAINAGE ARROW | | | SOUTH/EAST GUTTER | |
| HYDRO | HYDRO | HYDRO | | | | | NORTH/WEST DITCH | |
| MTS | M.T.S. | MTS | | | | | SOUTH/EAST DITCH | |
| 100 GAS | GAS | 100 GAS | | | | | | |

UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE

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 SERVICE LINES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| A | ISSUED FOR TENDER | 18/01/17 | TJP |

| | |
|---|---|
| DESIGNED BY | TJH |
| DRAWN BY | TJH |
| CHECKED BY | TS |
| APPROVED BY | TJP |
| HOR. SCALE | 1:250 |
| VERTICAL | 1:10 |
| DATE | |

DILLON CONSULTING

RELEASED FOR CONSTRUCTION

DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL STAMPED BY
T.J. PETERS
2018/01/17
Member 22309
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
17-6149

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

PEMBINA HIGHWAY REHABILITATION AND ACTIVE TRANSPORTATION PATH

CITY DRAWING NUMBER
P-3493-2018-07

SHEET 07 OF 10

NORTHBOUND PEMBINA - STA. 1+105 TO STA. 1+625 (PLAN-PROFILE)

CONSULTANT DRAWING NUMBER

G:\CAD\1761149\Drawings\Roadworks\Contract\176149-CON-CT-PLAN-PROFILE.dwg