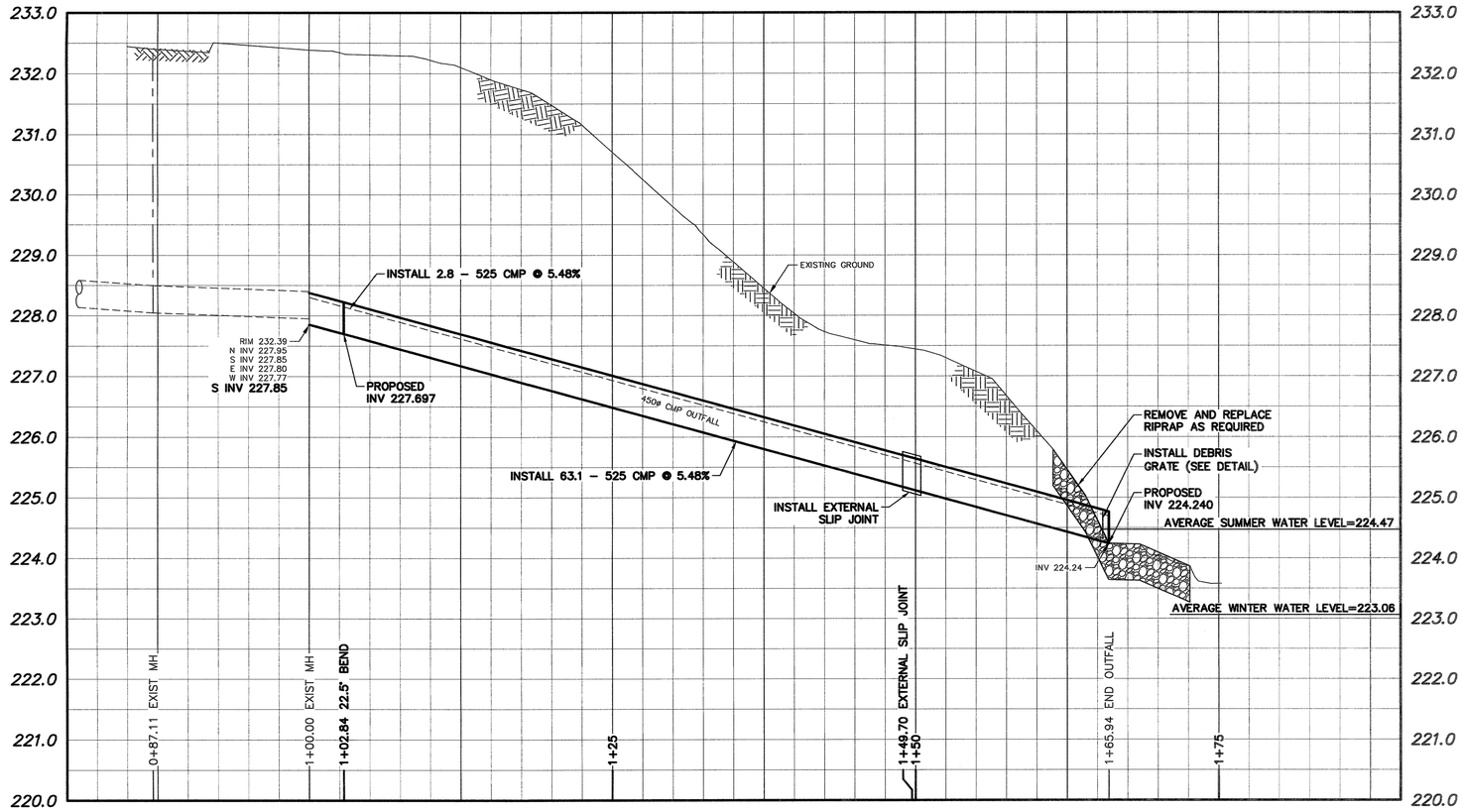
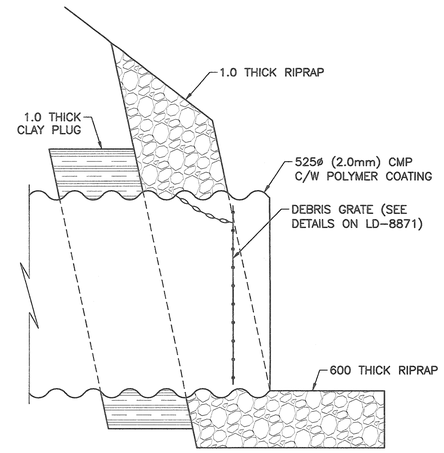
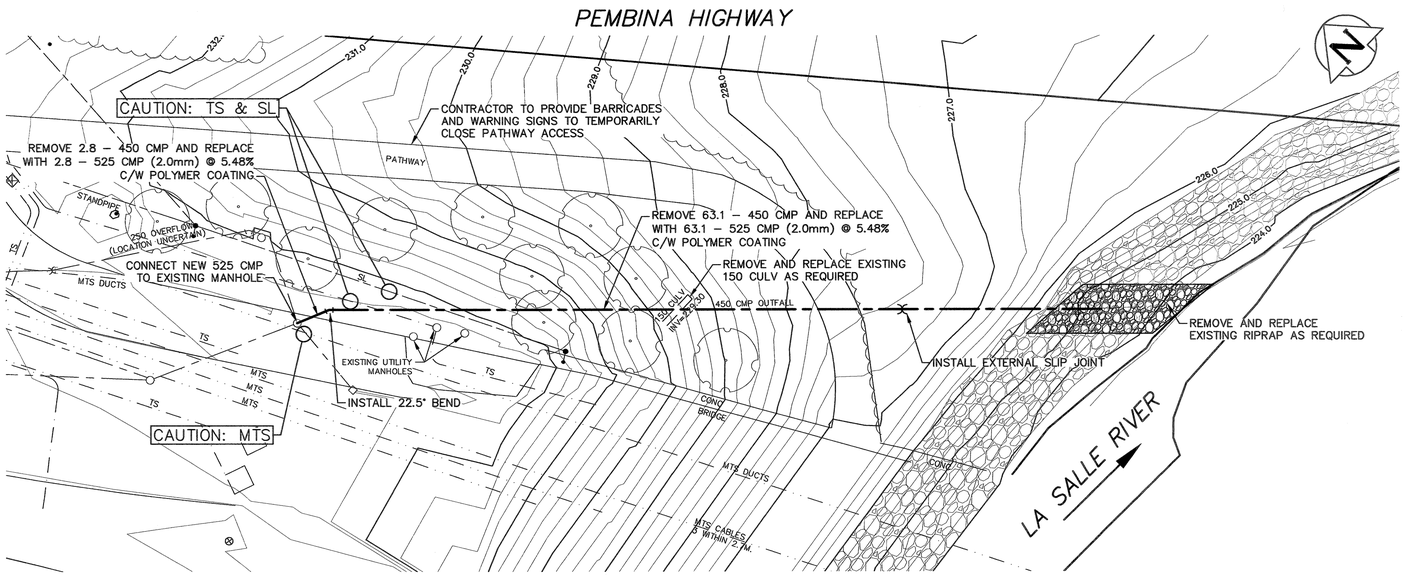



NOTE: CHAINAGES SHOWN ARE ALONG ℄ OF OUTFALL




END SECTION DETAIL
SCALE: N.T.S.




NOTES:

1. ALL EXCAVATED MATERIAL WITHIN 107.0 OF THE REGULATED SUMMER RIVER LEVEL (RSRL) MUST BE REMOVED FROM SITE (NO STOCK PILING).
2. REMOVE AND REPLACE TREES AS DIRECTED BY CONTRACT ADMINISTRATOR.
3. ROAD, CURB, SIDEWALK, PATHWAY, AND ALL OTHER LANDSCAPING FEATURES TO BE RESTORED TO PRE-CONSTRUCTION CONDITION.
4. CONTRACTOR TO PROTECT TREES DURING CONSTRUCTION.
5. CMP TO MANHOLE CONNECTION TO BE 150 REINFORCED CONCRETE COLLAR IN CONJUNCTION WITH WATER STOP GROUT RING.

**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.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

**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.

B.M.
ELEV.

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 1 | ISSUED WITH ADDENDUM #1 | 2018 11 29 | RBO |
| 0 | ISSUED FOR TENDER | 2018 11 21 | RBO |

KGS GROUP CONSULTING ENGINEERS

| | | | |
|---|---|---|---|
| DESIGNED BY | NGV | CHECKED BY | RBO |
| DRAWN BY | GEL | APPROVED BY | RBO |
| SCALE: HORIZONTAL | 1:250 | RELEASED FOR CONSTRUCTION | |
| VERTICAL | 1:50 | | K ZUREK |
| DATE | 2018 11 28 | DATE | 2018-11-20 |

PLOT DATE: 2018 11 28

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.B. OFFMAN
Member
24701
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
18-0107-013_LD-8870

BID OPPORTUNITY: 1042-2018
CONTRACT NUMBER:

FILE PATH: P:\Projects\2018\18-0107-013\Dwg\Mun\
FILE NAME: 18-0107-013_PP.dwg

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2019 OUTFALL RENEWAL
REHABILITATION PROGRAM

# PEMBINA HIGHWAY OUTFALL

PLAN AND PROFILE
S-MA70028476

SHEET 14 OF 16

CITY DRAWING NUMBER
LD-8870