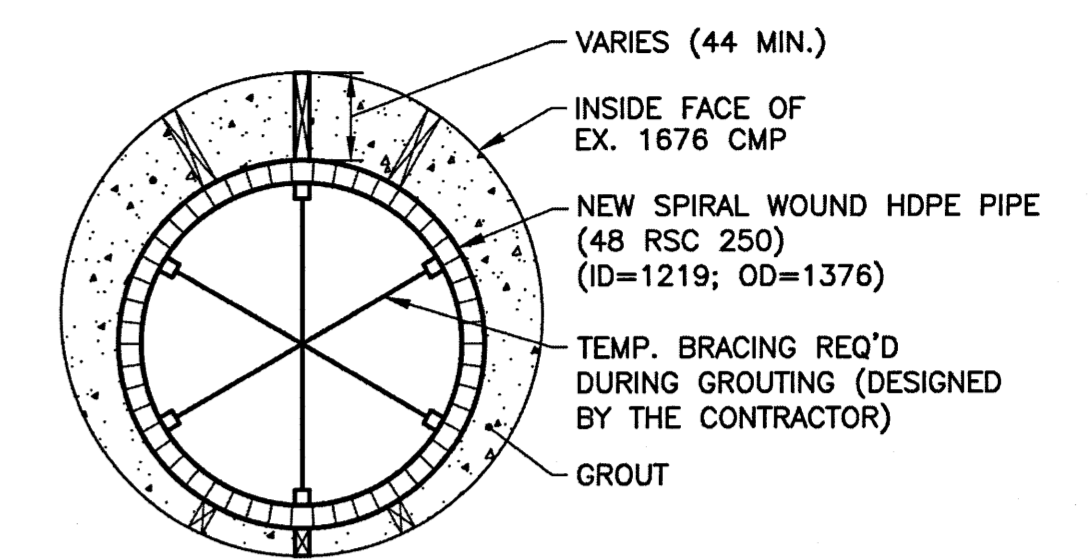
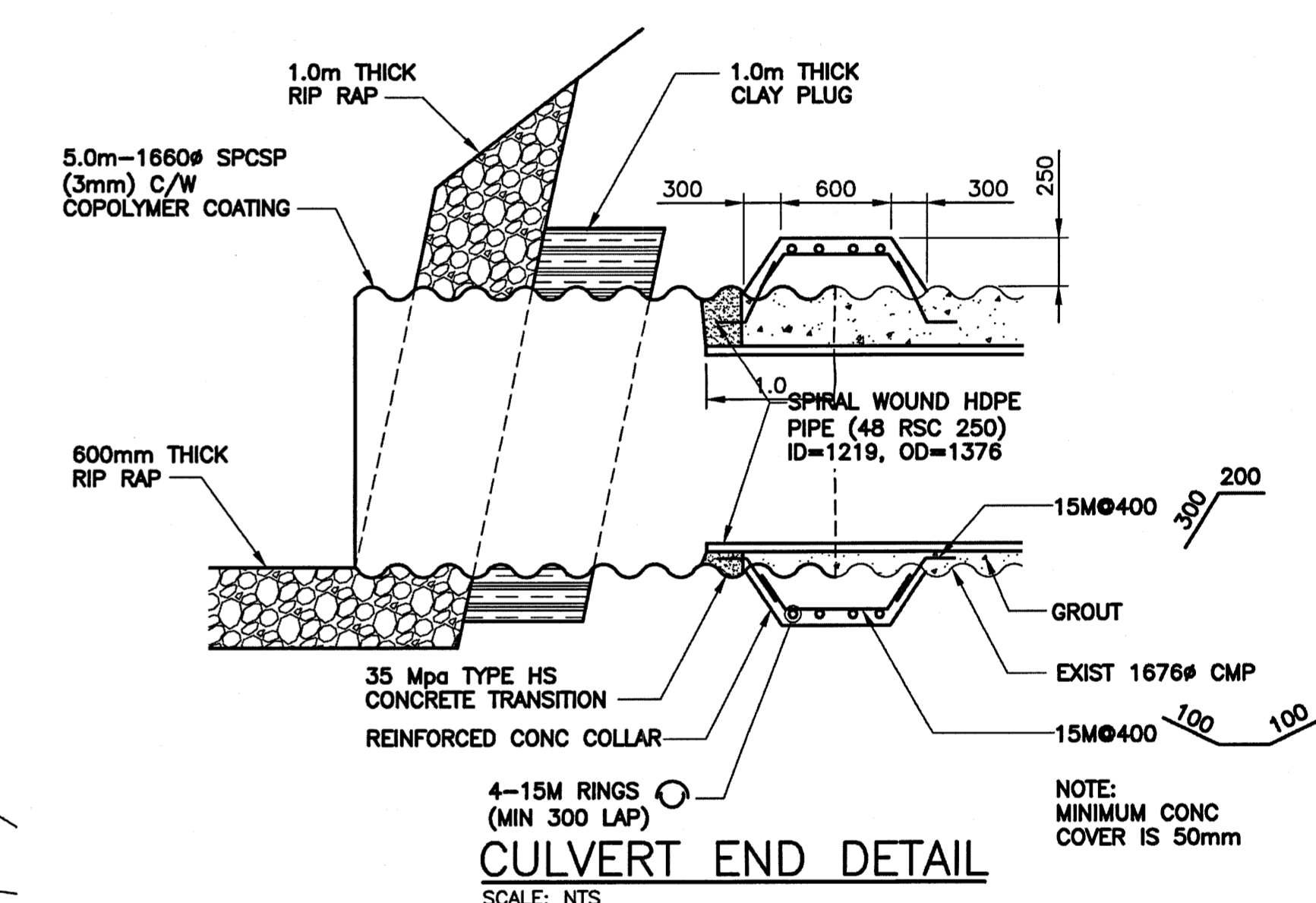


- NOTES:**
- CLEAN EXIST OUTFALL PIPE OF SEDIMENT.
 - CONSTRUCT CLAY COFFERDAM AT RIVER AS REQUIRED (SEE DWG LD-7993).
 - WINTER WATER MAIN BREAKS MAY RESULT IN OVER TOPPING WEIR AND ENTIRE OUTFALL.
 - ALL EXCAVATED MATERIAL WITHIN 107.0 OF THE REGULATED SUMMER RIVER LEVEL (RSRL) MUST BE REMOVED FROM SITE (NO STOCKPILING).
 - PROTECT EXISTING TREES DURING CONSTRUCTION.



NOTE: INSTALLATION OF SPIRAL WOUND HDPE REQUIRES SPACERS AND OR WEIGHTS TO ENSURE LINER REMAINS IN DESIGNED POSITION (SPACERS DESIGNED BY THE CONTRACTOR)

SECTION A - A
SCALE: NTS



WARNING

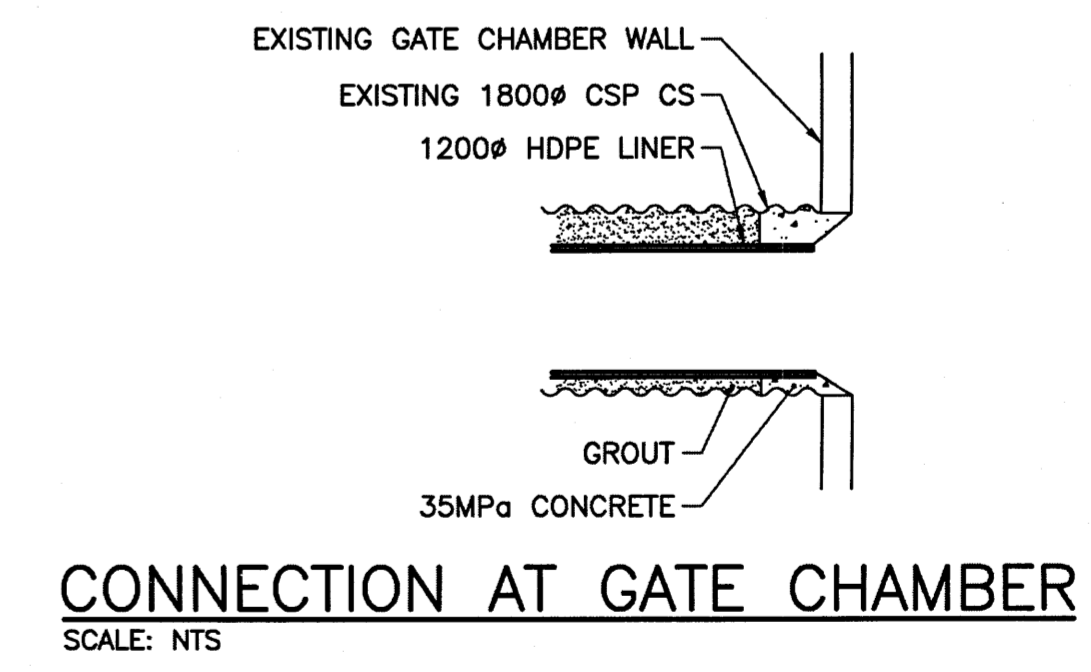
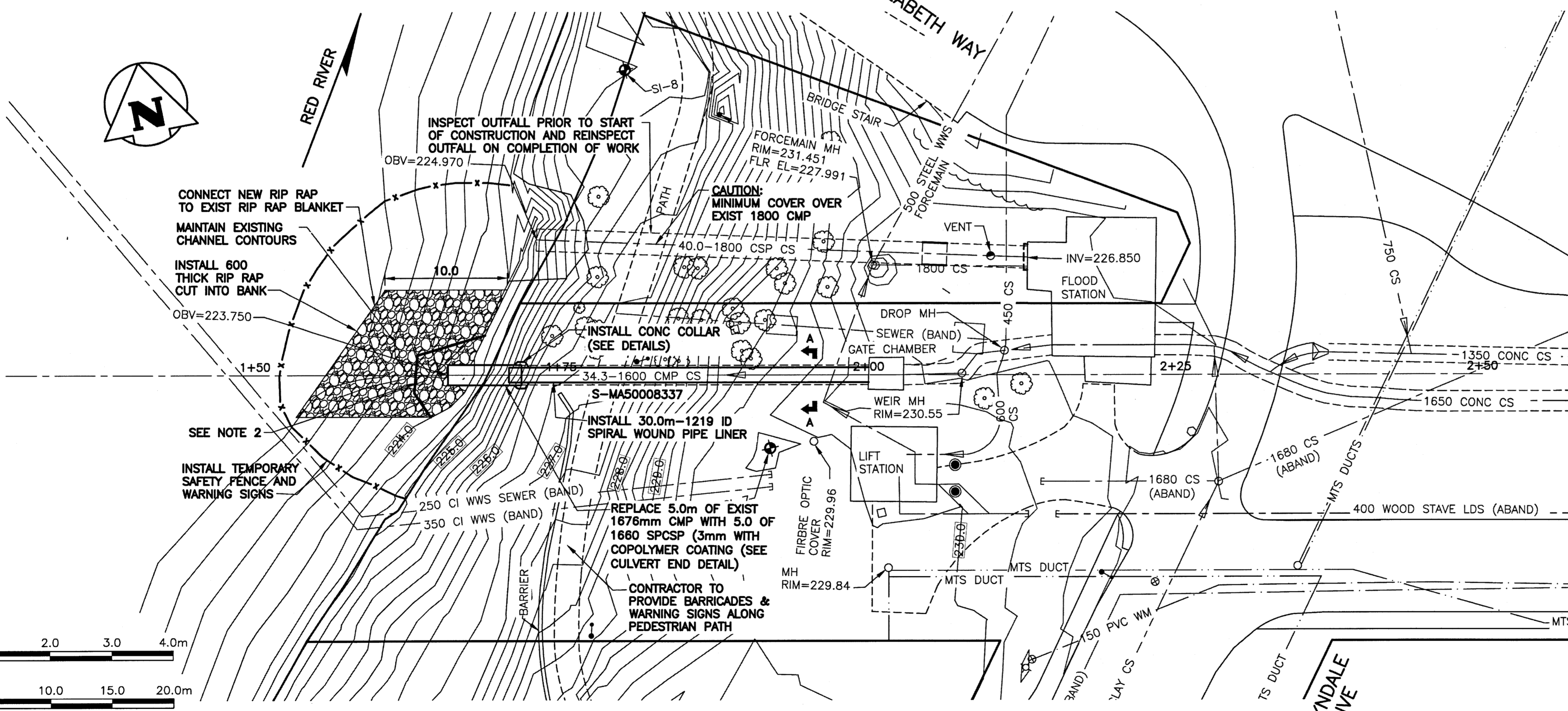
- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
- SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

PROPERTY LIMITS DELINEATION

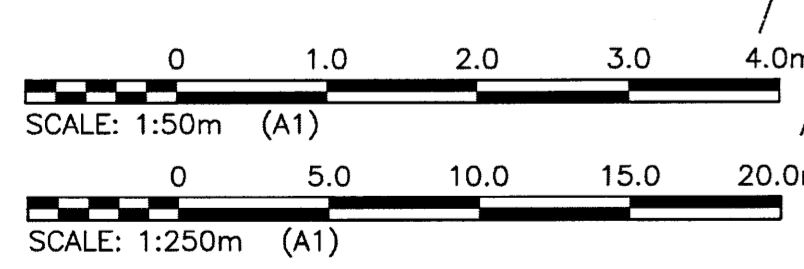
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



CONNECTION AT GATE CHAMBER
SCALE: NTS



EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM	---	HYDRO	---
⊕	HYDRANT	⊕	---	M.T.S.	---
⊙	VALVE	⊙	---	PROPERTY LINE	---
300 LDS	LAND DRAINAGE SEWER	300 LDS	+	SURVEY BAR	+
250 WWS	WASTE WATER SEWER	250 WWS	+	LIGHT STANDARD	+
○	MANHOLE	●	•	HYDRO POLE	•
□	CATCH BASIN	■	—	GUY WIRE	—
▽	CURB INLET	▽	○	SIGN	○
+	JUNCTIONS	+	---	BUSH LINE	---
---	CULVERT	---	---	FENCE	---
---	GAS	---	231.334	ELEVATION	(32.231)
---		---	---	LEGEND-PLAN	PROPOSED
---		---	---	LEGEND-PROFILE	PROPOSED

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. KGS_BASE ELEV=249.213 NAD83 CSRS CGVD28

DESIGNED BY RBO CHECKED BY [Signature]

DRAWN BY DMW APPROVED BY [Signature]

HOR. SCALE: 1:250
VERTICAL: 1:50

ISSUED FOR CONSTRUCTION 03/11/16 [Signature]

NO. REVISIONS DATE BY

DATE 28/09/16

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY RBO CHECKED BY [Signature]

DRAWN BY DMW APPROVED BY [Signature]

HOR. SCALE: 1:250
VERTICAL: 1:50

ISSUED FOR CONSTRUCTION 03/11/16 [Signature]

DATE 28/09/16

APEGN

Certificate of Authorization
KGS Group
No. 245

ENGINEER'S SEAL

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

THE CITY OF WINNIPEG WATER & WASTE DEPARTMENT

2017 OUTFALL RENEWAL/REHABILITATION PROGRAM
MARION STREET OUTFALL (RR-51)
PLAN AND PROFILE
S-MA50008337

SHEET 02 OF 08
CAD FILE DRAWING NUMBER 16-0107-021_CALL
CITY DRAWING NUMBER LD-7987

CONSULTANT DRAWING NO. 16-0107-021_C02

File Name: U:\FMS\16-0107-021\16-0107-021_CALL.dwg - Tab: C02 Plotted By: dweber 16/11/03 [Thu 3:02pm]