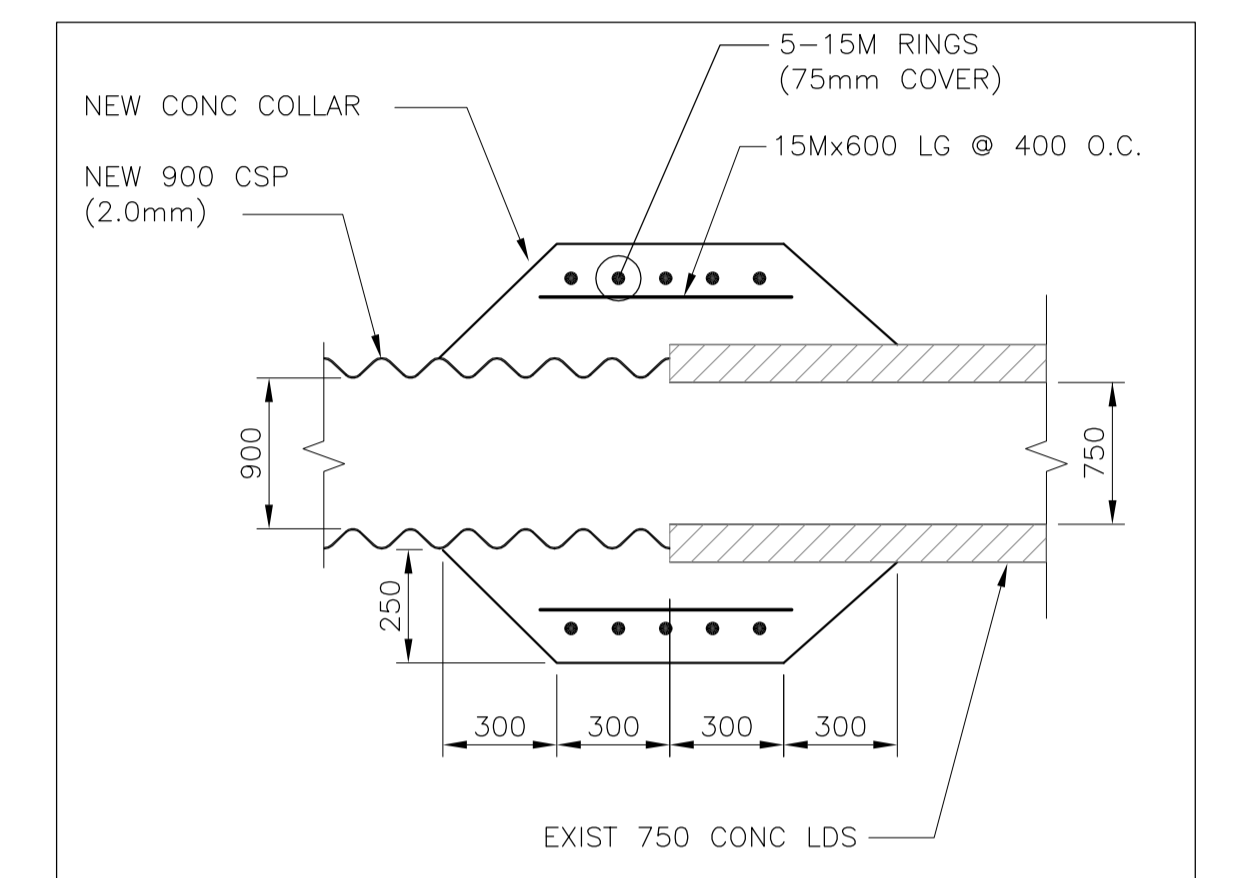
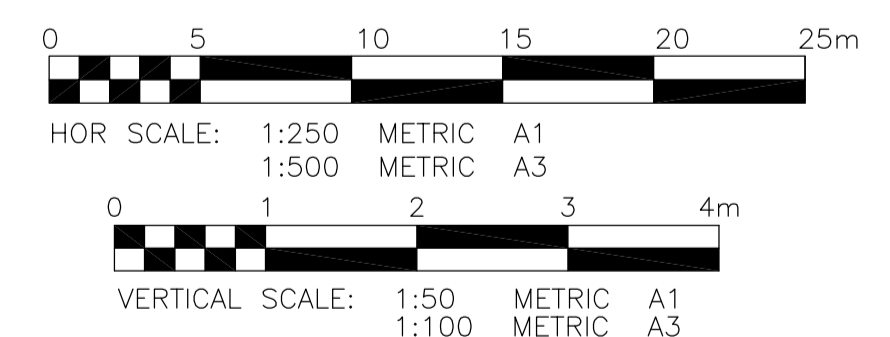
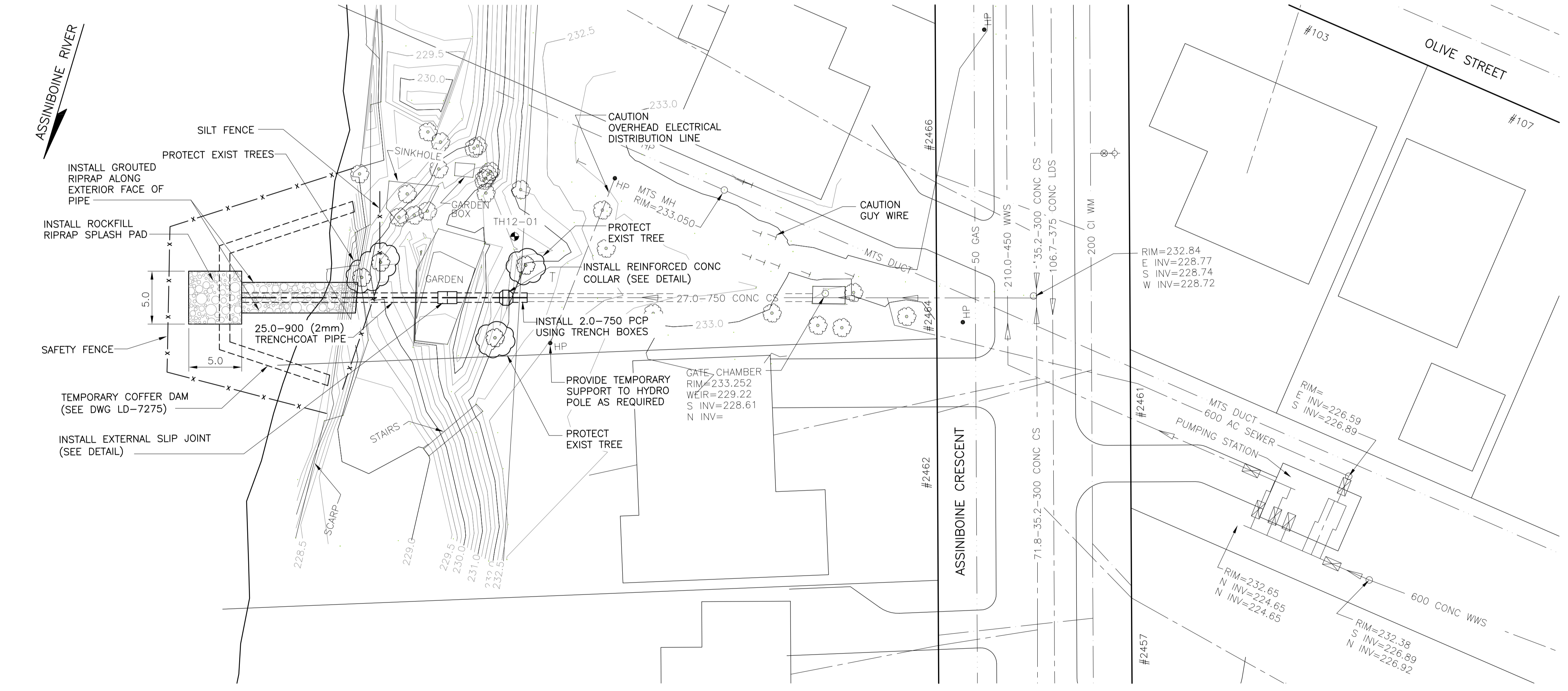


EXTERIOR SLIP JOINT DETAIL
SCALE: NTS



REINFORCED CONCRETE COLLAR DETAIL
SCALE: NTS

- NOTE:
1. FINAL PIPE GRADES AND LENGTHS TO BE DETERMINED IN THE FIELD BY ESTABLISHED EXISTING ELEVATIONS.
 2. PIPE OUTLET TO EXTENDED SUCH THAT THE OUTLET INVERT CONFORMS TO THE EXISTING RIVER BANK CONTOURS.
 3. ALL EXCAVATED MATERIAL TO BE REMOVED FROM SITE. NO STOCK PILING MATERIAL.
 4. USE STEEL TRENCH BOXES TO PROTECT TREES AND EXISTING INFRASTRUCTURE DURING PIPE REPLACEMENT.



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

APEGM
Certificate of Authorization
KGS Group
No. 245

File Name: E:\Projects\2012\12-0107-013\Doc\Control\ToBeIssued\DWG\12-0107-013_LD-7273-Rev.0.dwg - Tab: LD-7273 Plotted By: DWeber 13/12/05 [Thu 2:20pm] A1/PLOT SCALE: 1:1

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
300_LDS	LAND DRAINAGE SEWER	300_LDS	+	TEST HOLE		---	---	---
250_WWS	WASTE WATER SEWER	250_WWS	+	GUY WIRE		---	---	---
---	GAS	---	+	LIGHT STANDARD		---	---	---
---	HYDRO	---	+	BACK OF CURB		---	---	---
---	M.T.S.	---	+	CONCRETE		---	---	---
150_WM	WATERMAIN	150_WM	+	ASPHALT		---	---	---
+	HYDRANT	+	+	SIDEWALK		---	---	---
+	VALVE	+	+	PROPERTY LINE		---	---	---
+	MANHOLE	+	+	SURVEY BAR		---	---	---
+	CATCH BASIN	+	+	GEODETIC BENCHMARK		---	---	---
+	CURB INLET	+	+	ELEVATION		---	---	---
+	POLES	+	+			---	---	---

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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	13/12/05	RBO

B.M. KGS BASE ELEV. -

DWGS BASED ON C.S.R.S. NAD 83 SYSTEM, UTM GRID

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY	EMS	CHECKED BY	RBO
DRAWN BY	DMW	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO. 12-0107-013

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

PROJECT TITLE: **2014 OUTFALL RENEWAL/REHABILITATION PROGRAM**

SHEET 01 OF 01

COMPUTER FILE NAME: 12-0107-013

CITY DRAWING NUMBER: LD-7273

OLIVE ST. OUTFALL (AS-33) PLAN AND PROFILE