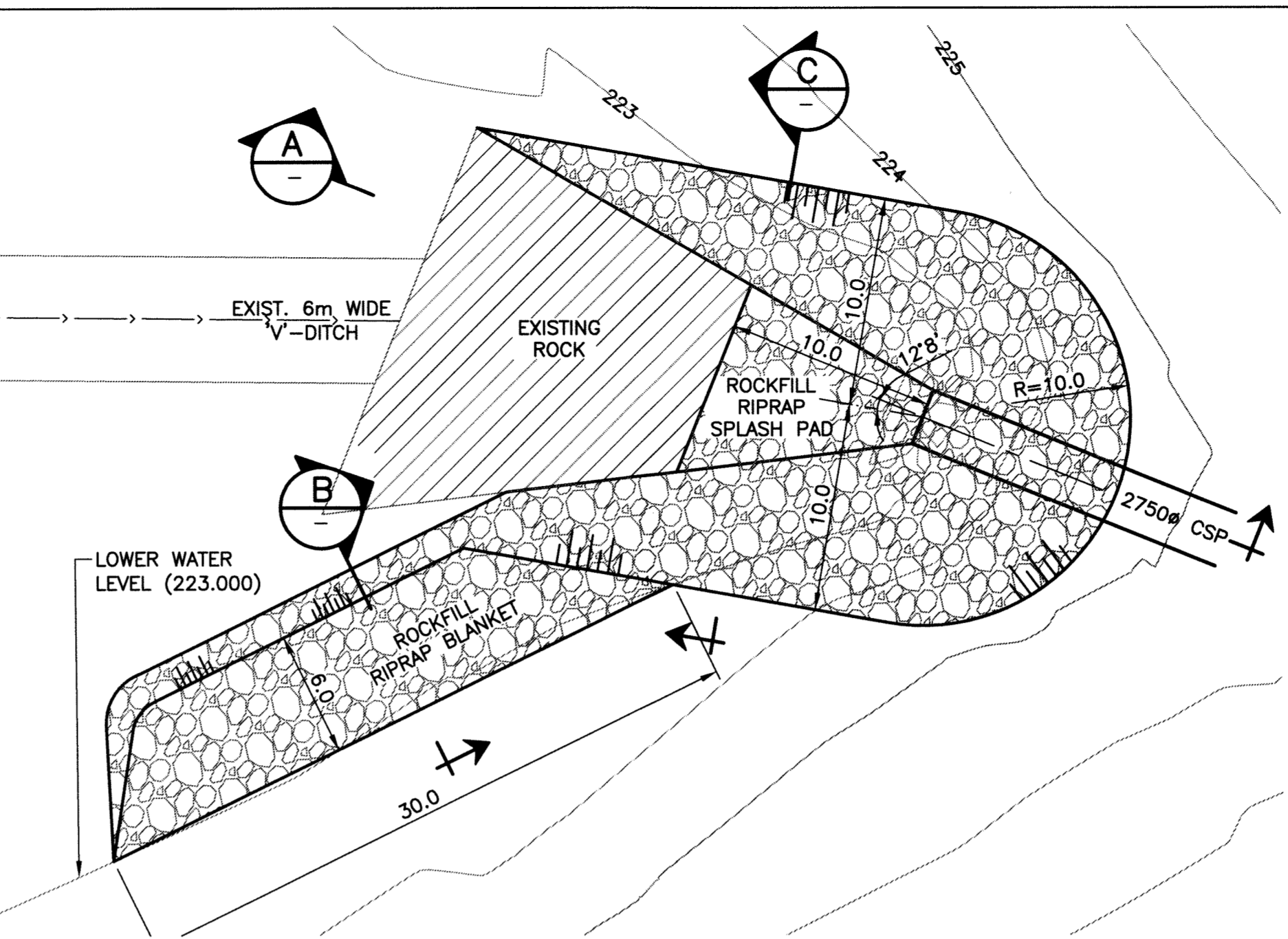
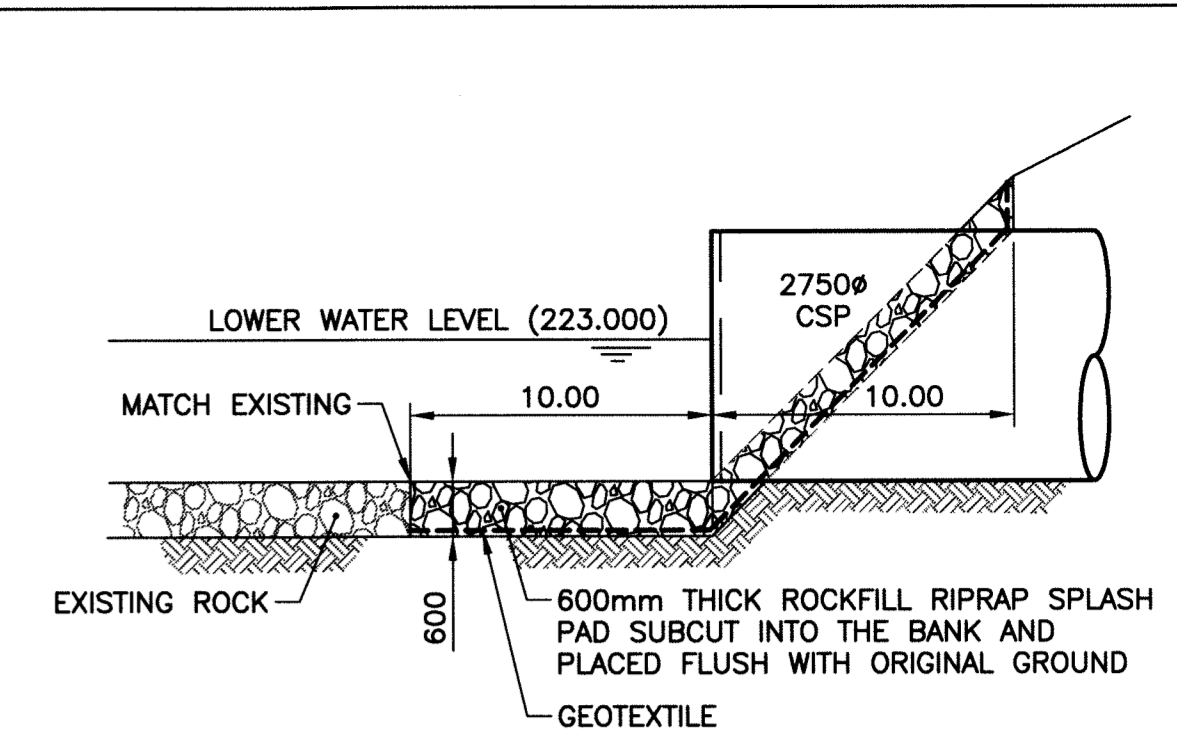


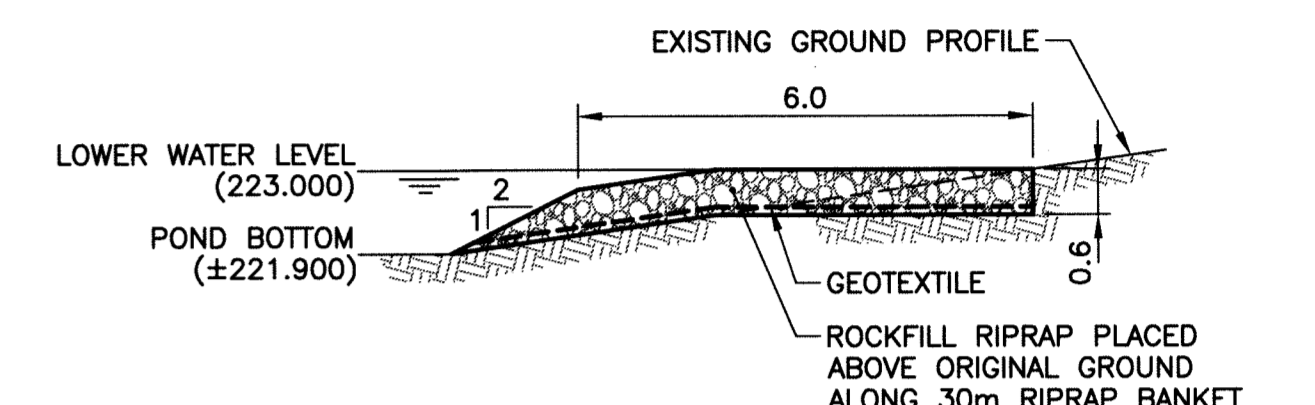
PROFILE
SCALE: 1:500 HOR METRIC A1
1:100 VER METRIC A1



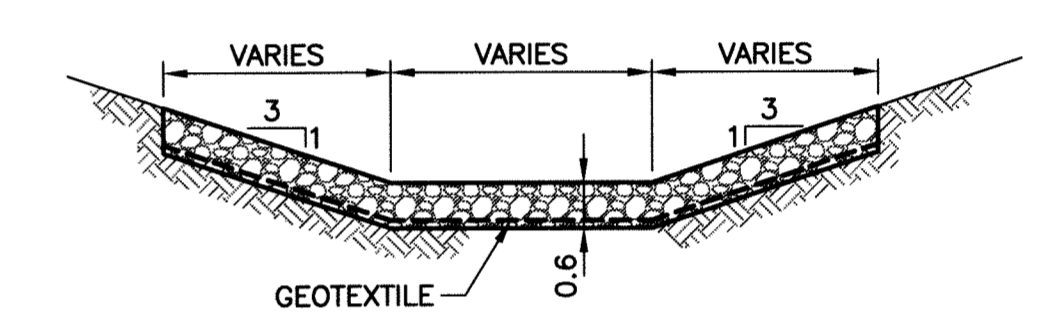
RIPRAP DETAIL
SCALE: 1:250 METRIC A1



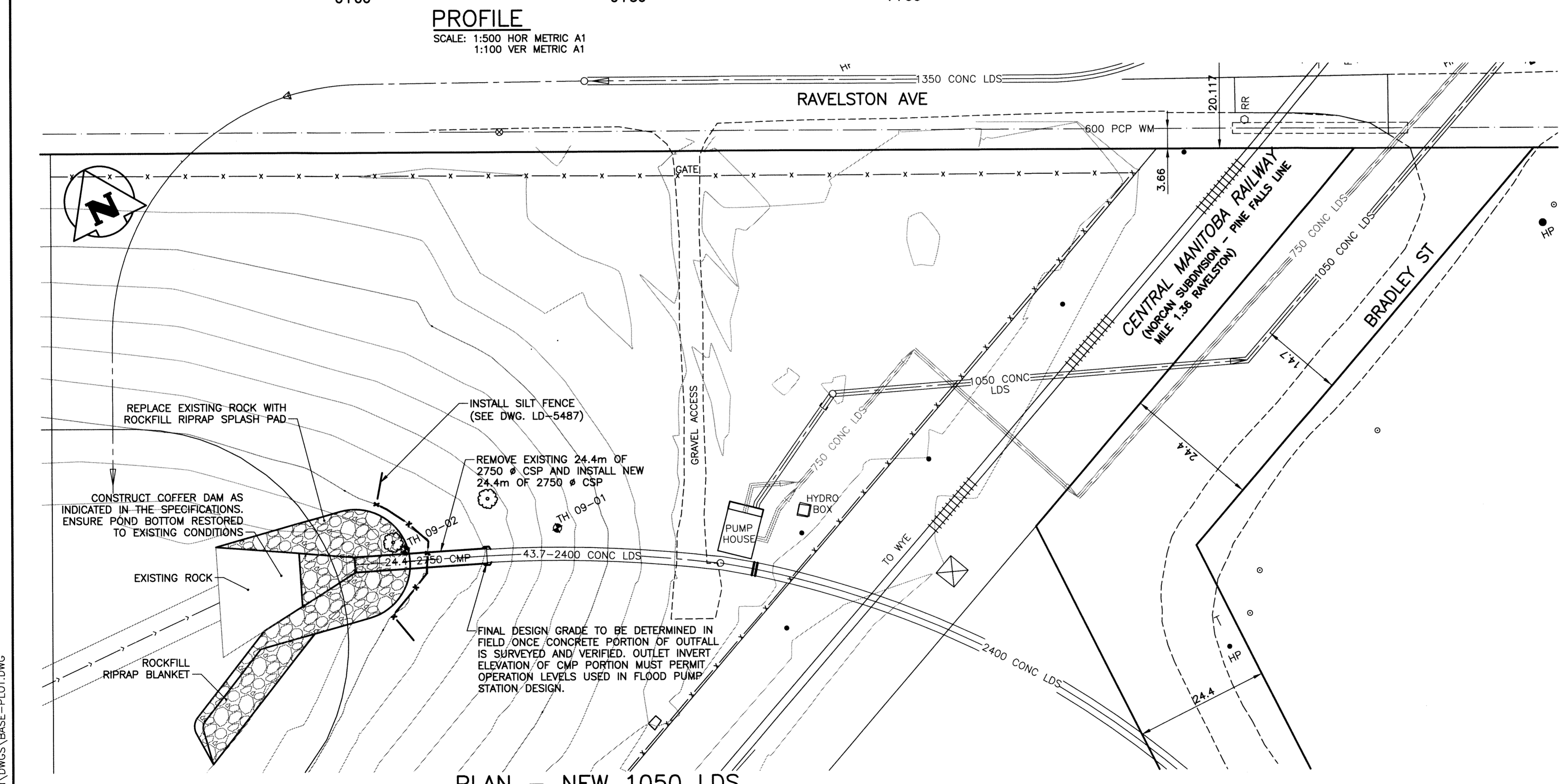
SECTION A-A
SCALE: N.T.S.



SECTION B-B
SCALE: 1:100



SECTION C-C
SCALE: 1:100



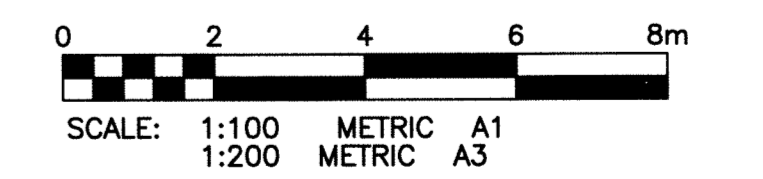
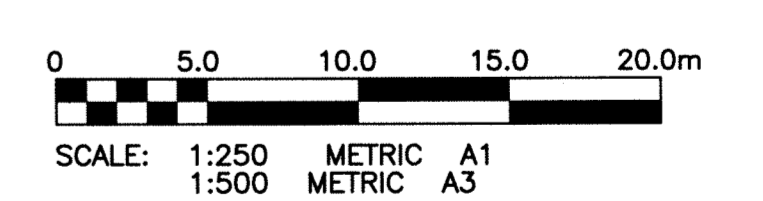
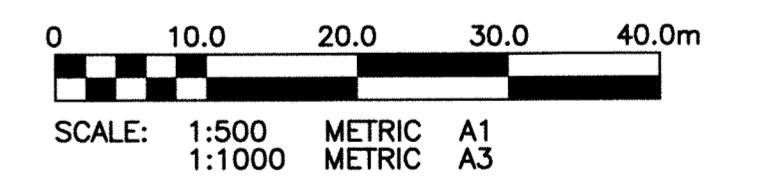
PLAN - NEW 1050 LDS
SCALE: 1:500 METRIC A1

- NOTE:**
- PIPE AND POND BOTTOM ELEVATIONS ARE ESTABLISHED FROM CITY OF WINNIPEG RECORD DRAWINGS.
 - RIPRAP ABOVE THE LOW WATER LEVEL (223.00m) IS TO BE CUT INTO THE BANK AND PLACED FLUSH WITH ORIGINAL GROUND SURFACE. ALL EXCAVATED MATERIAL TO BE REMOVED OFF SITE.

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.

- 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.



METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGN
Certificate of Authorization
KGS Group
No. 245 Date: 09/12/10

150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM	WATERMAIN
Hydrant	HYDRANT	Hydrant	M.T.S.	Hydrant	HYDRANT, VALVE	Hydrant	HYDRANT, VALVE
Valve	VALVE	Valve	CONCRETE	Valve	CONCRETE	Valve	CONCRETE
300 LDS	LAND DRAINAGE SEWER	300 LDS	ASPHALT	300 LDS	LAND DRAINAGE SEWER	300 LDS	LAND DRAINAGE SEWER
250 WWS	WASTE WATER SEWER	250 WWS	SIDEWALK	250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER
Manhole	MANHOLE	Manhole	PLANNING	Manhole	MANHOLE	Manhole	MANHOLE
Catch Basin	CATCH BASIN	Catch Basin	PROPERTY LINE	Catch Basin	CATCH BASIN	Catch Basin	CATCH BASIN
Curb Inlet	CURB INLET	Curb Inlet	SURVEY BAR	Curb Inlet	CURB INLET	Curb Inlet	CURB INLET
Junctions	JUNCTIONS	Junctions	DITCH	Junctions	JUNCTIONS	Junctions	JUNCTIONS
Culvert	CULVERT	Culvert	ELEVATION	Culvert	CULVERT	Culvert	CULVERT
Gas	GAS	Gas		Gas	GAS	Gas	GAS
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE

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. 29-005	ELEV. 232.044
NO.	REVISIONS
DATE	BY

KGS GROUP CONSULTING ENGINEERS	
DESIGNED BY: RBO	CHECKED BY: #14
DRAWN BY: GEL	APPROVED BY:
SCALE: AS NOTED	RELEASED FOR CONSTRUCTION:
DATE: 09/11/13	DATE:

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.J. HOUSTON
Member
1995
2010
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
09-0107-15-C01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE
**RAVELSTON LAND DRAINAGE PUMPING STATION
OUTFALL PIPE REPLACEMENT**

SHEET OF
01 OF **03**

COMPUTER FILE NAME
RAVELSTON-PLOT.DWG

CITY DRAWING NUMBER
LD-5486

PLAN AND PROFILE

P:\PROJECTS\2008\08-0107-03\MUN\DWGS\BASE- PLOT.DWG