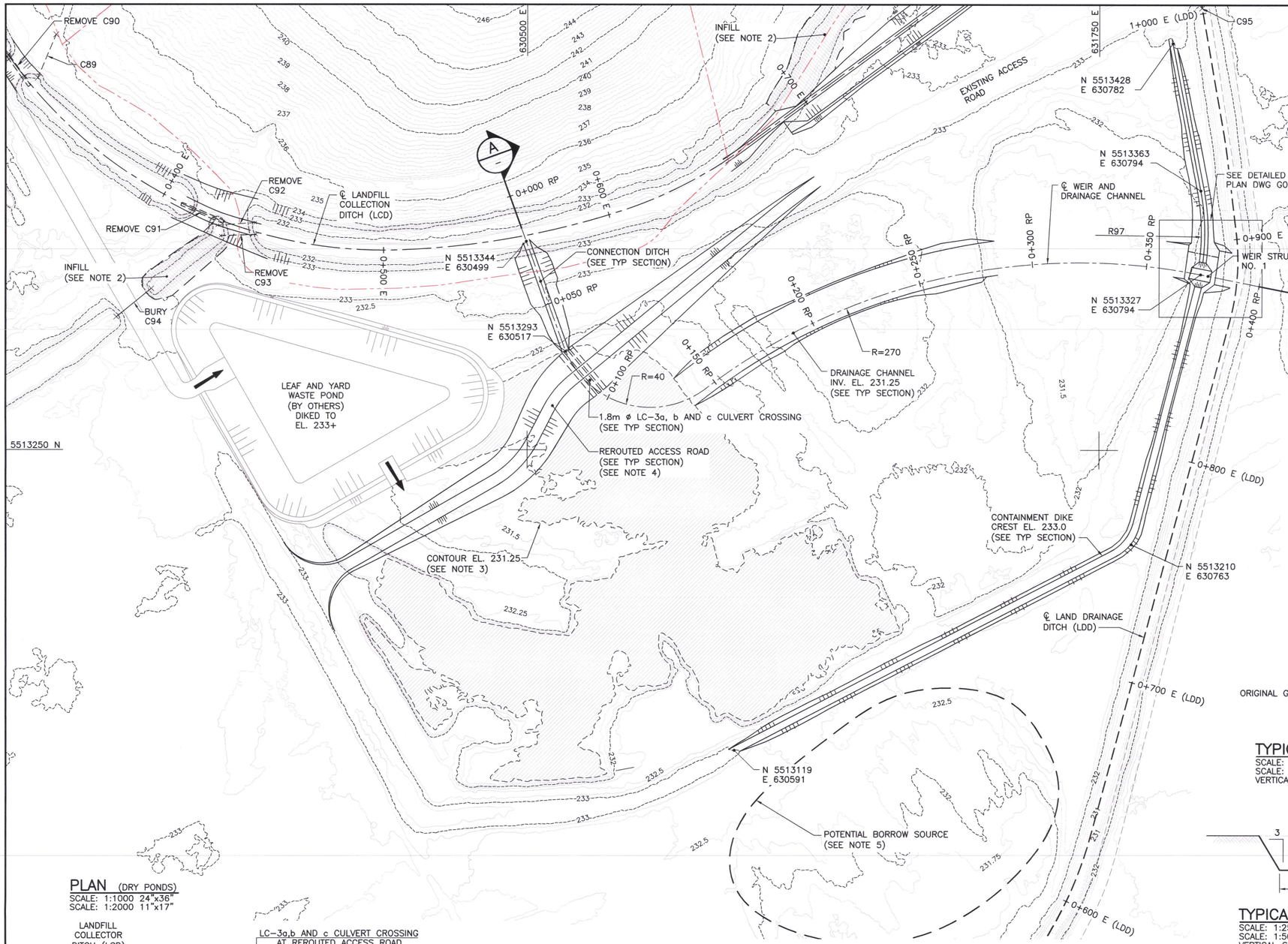
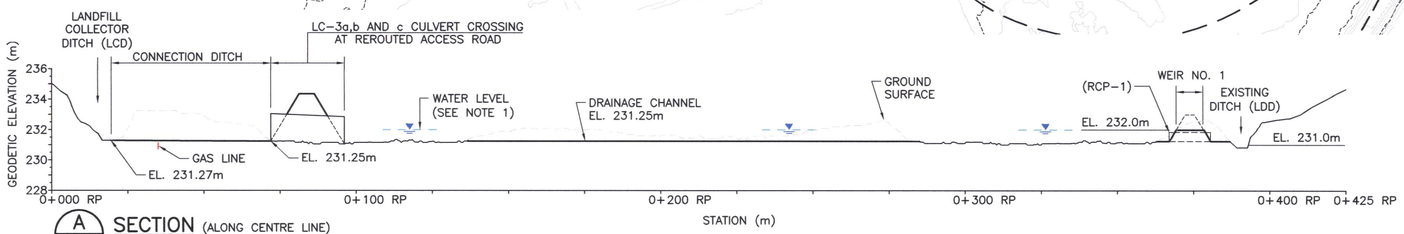


PLAN (DRY PONDS)

SCALE: 1:1000 24"x36"
SCALE: 1:2000 11"x17"

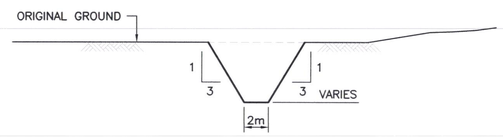


SECTION (ALONG CENTRE LINE)

SCALE: 1:1000 24"x36"
SCALE: 1:2000 11"x17"
SCALE: 5 TIMES EXAGGERATION

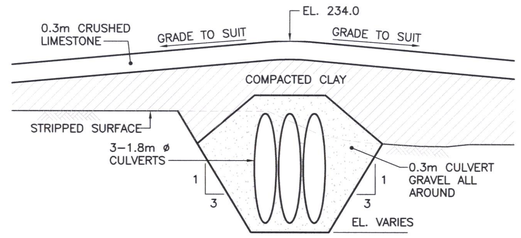
LEGEND:

- WATER LEVEL (SEE NOTE 1)
- 232 GROUND SURFACE GEODETIC (m)
- GAS LINE



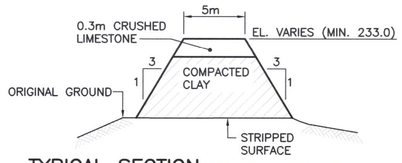
TYPICAL SECTION (CONNECTION DITCH)

SCALE: 1:250 24"x36"
SCALE: 1:500 11"x17"
VERTICAL SCALE: 5 TIMES EXAGGERATION



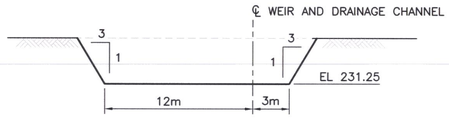
TYPICAL SECTION (CULVERTS AT REROUTED ACCESS ROAD)

SCALE: 1:250 24"x36"
SCALE: 1:500 11"x17"
VERTICAL SCALE: 5 TIMES EXAGGERATION



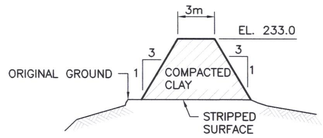
TYPICAL SECTION (REROUTED ACCESS ROAD)

SCALE: 1:250 24"x36"
SCALE: 1:500 11"x17"
VERTICAL SCALE: 5 TIMES EXAGGERATION



TYPICAL SECTION (DRAINAGE CHANNEL)

SCALE: 1:250 24"x36"
SCALE: 1:500 11"x17"
VERTICAL SCALE: 5 TIMES EXAGGERATION



TYPICAL SECTION (CONTAINMENT DIKE)

SCALE: 1:250 24"x36"
SCALE: 1:500 11"x17"
VERTICAL SCALE: 5 TIMES EXAGGERATION

NOTES:

1. POND WATER LEVELS TO BE CONTROLLED BY OPERATION OF GATES AT WEIR.
2. FILL IN ALL ABANDONED DITCHES WITH CLAY AND SLOPE TO DRAIN TOWARDS NEW LCD DITCH.
3. GRADE AND LEVEL AREA WITH COMPACTED NATIVE MATERIAL AS REQUIRED WITHIN THIS AREA TO PROMOTE DRAINAGE AT ELEVATION 231.25.
4. EXISTING ACCESS ROAD SHALL BE REROUTED TO SOUTH SIDE OF LEAF AND YARD WASTE POND AS SHOWN OR APPROVED BY CONTRACT ADMINISTRATOR.
5. MATERIAL SOURCES TO BE IDENTIFIED AT TIME OF CONSTRUCTION.

PLAN AND SECTION

20 0 20 40 60 80m

SCALE: 1:1000 METRIC 24"x36"
1:2000 METRIC 11"x17"

TYPICAL SECTION

5 0 5 10 15 20m

SCALE: 1:250 METRIC 24"x36"
1:500 METRIC 11"x17"

APEGM
Certificate of Authorization
KGS Group
No. 245

COWLEGEND

EXISTING	LEGEND-PLAN	PROPOSED	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			

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. XX-XXX
ELEV. XXX.XXX

NO.	REVISIONS	DATE	BY
0	BID OPPORTUNITY AND CONSTRUCTION	21/03/14	

KGS GROUP
CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896-1209
THUNDER BAY (807) 345-2233

DESIGNED BY jS	CHECKED BY TK
DRAWN BY PwD	APPROVED BY RDS
HOR. SCALE: AS NOTED VERTICAL: AS NOTED	RELEASED FOR CONSTRUCTION:
DATE 01/08/13	DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.D. SINCLAIR
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
13-0107-015_DWG 07

THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT

BRADY LANDFILL-
SURFACE WATER MANAGEMENT
DRY POND PLAN AND PROFILE

SHEET 08 OF 12
CAD FILE DRAWING NUMBER
CITY DRAWING NUMBER
SWD-D-423