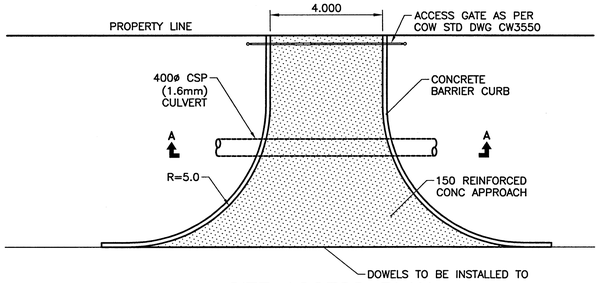
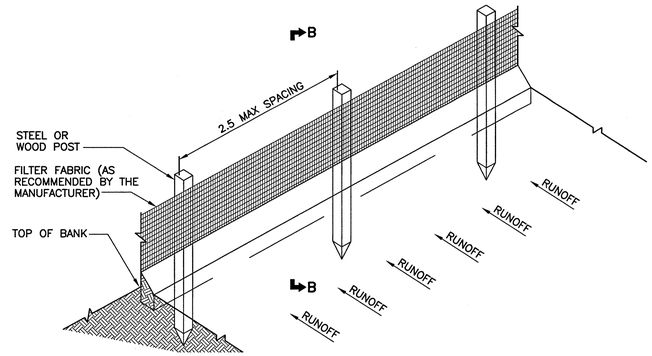
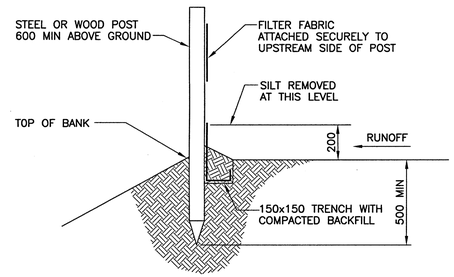


SITE ACCESS PLAN
SCALE: 1:100

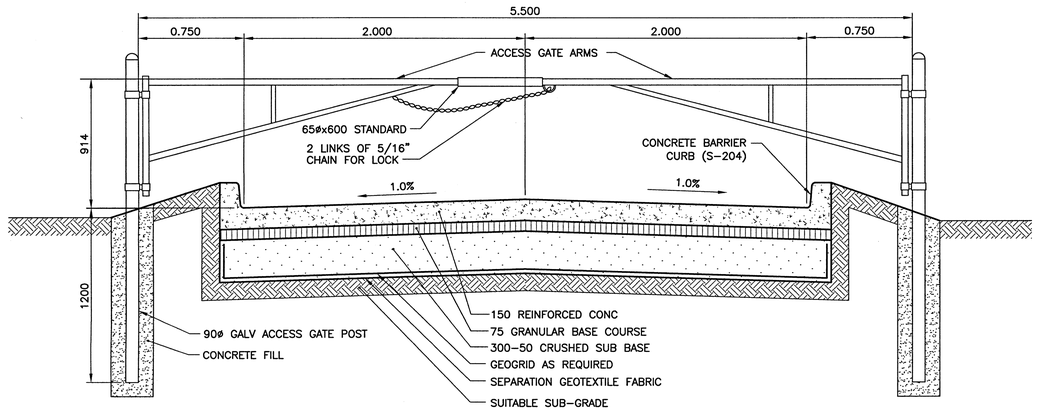


ISOMETRIC DETAIL
SCALE: NTS

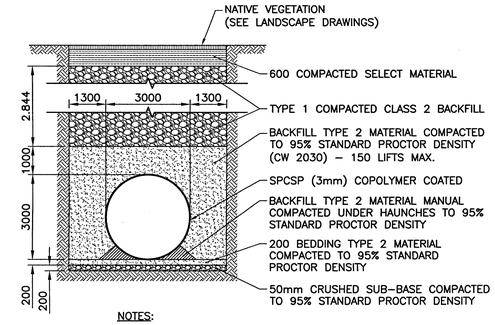
SILT FENCE DETAILS



SILT FENCE – SECTION B – B
SCALE: NTS

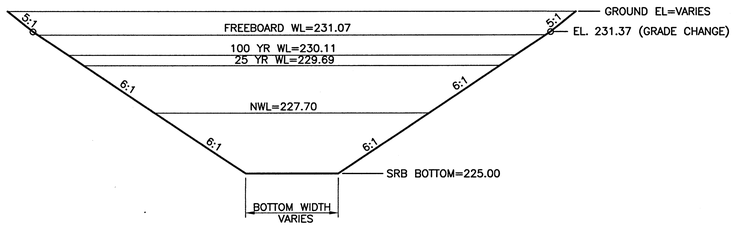


A3 SITE ACCESS – SECTION A – A
LD-8219-20
SCALE: 1:20

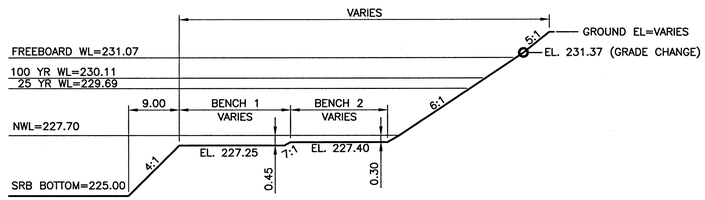


NOTES:
1. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING WHERE REQUIRED IN ACCORDANCE WITH SPECIFICATIONS.
2. CONTRACTOR SHALL SUPPLY HEATING AND HOARDING TO ACHIEVE COMPACTION OF BEDDING AND BACKFILL.

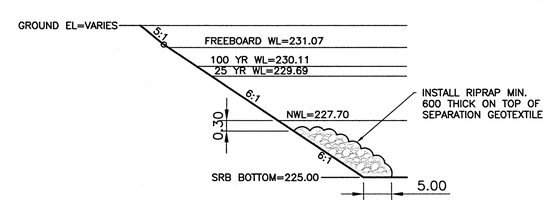
PIPE BEDDING AND BACKFILL DETAIL
SCALE: NTS



A1 TYPICAL SRB CROSS-SECTION
LD-8214
SCALE: H=1:500
V=1:125



A2 TYPICAL SRB PENINSULA CROSS-SECTION
LD-8214
SCALE: H=1:500
V=1:125



A4 TYPICAL SRB TOE-BERM CROSS-SECTION
LD-8214
SCALE: NTS

0 0.4 0.8 1.2 1.6m
SCALE: 1:20m (A1)

0 2.0 4.0 6.0 8.0m
SCALE: 1:100m (A1)

0 2.0 4.0 6.0 8.0 10.0m
SCALE: 1:125m (A1)

0 10.0 20.0 30.0 40.0m
SCALE: 1:500m (A1)

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. | ALL DATA PROVIDED IS IN UTM ZONE 14, NAD83, CSRS, CGVD28

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	17/07/12	RBO

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY	JMM	CHECKED BY	RBO
DRAWN BY	GEL	APPROVED BY	RBO
HOR. SCALE: / VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION:	
DATE	16/06/10	DATE	17-07-12

APEGM Certificate of Authorization
KGS Group
No. 245

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

CONSULTANT DRAWING NO.
11-0107-18_C311

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE
COCKBURN/CALROSSIE COMBINED SEWER RELIEF WORKS – CONTRACT 3

STORMWATER RETENTION BASIN
TYPICAL SECTIONS & DETAILS
MISC

SHEET OF
1 OF 1

COMPUTER FILE NAME
11-0107-18_POND

CITY DRAWING NUMBER
LD-8222

FileName: P:\Projects\2011\11-0107-18\Dwg\Mun\C3 - Pond\11-0107-18_POND.dwg - Tab: C311 Plotted By: GLoewen 17/07/12 [Wed 10:49am]