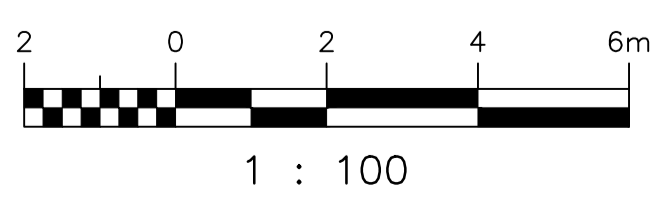


POINT	EXIST. ELEVATION(m)	FINISHED ELEVATION(m)	DISTANCE(m)
1	230.900	-	0
2	230.580	-	3
3	230.427	-	6
4	230.267	-	9
5	230.165	230.300	12
6	229.768	230.300	15
7	229.520	230.300	18
8	229.414	230.300	19.9
9	229.344	230.300	21
10	229.148	SLOPES	24

**KEY PLAN**  
 SCALE: 1 : 100

- NOTE:
- ALL TEMPORARY DEWATERING AND EXCAVATION SHORING TO BE DESIGNED, INSTALLED AND REMOVED BY THE CONTRACTOR, REFER TO THE PROJECT GEOTECHNICAL REPORT FOR SUBSURFACE DESIGN REQUIREMENTS.
  - GRANULAR ACCESS WAY TO BE LEVEL TO MATCH EXISTING GRAVEL PARKING AREA, SLOPE BOTH SIDES TO MATCH EXISTING GRADE WHILE SLOPES AWAY TO RIVER



- CONSTRUCTION NOTES:**
- REMOVE AND DISPOSE OF CONCRETE BARRIERS AND OTHER MISCELLANEOUS CONCRETE AT GRADE.
  - UTILIZE THE MANHOLE ON THE STREET FOR TEMPORARY PUMPING.
  - ENLARGE GRAVEL DRIVEWAY AS SHOWN.
  - PROVIDE NEW NATURAL GAS SERVICE. RECORD AND MARK LOCATION OF BURIED NATURAL GAS PIPING ON THE AS-BUILT MARKUPS.
  - EXIST. BARRICADE TO REMAIN
  - NEW PARKING BARRICADE WITH REMOVABLE GUARD POSTS AT GRAVEL ACCESS WAY TO METER CHAMBER HATCH
  - EXTEND GRAVEL PAD AS SHOWN.
  - PROVIDE TEMPORARY SECURITY FENCING AROUND CONSTRUCTION AT ALL TIMES WHILE EXCAVATION IS OPEN, COORDINATE WITH SHORING PROVIDER.
  - PROPOSED LOCATION OF TEMPORARY DRAW DOWN DEPRESSURIZATION WELL TO BE INSTALLED AND OPERATIONAL PRIOR TO START OF EXCAVATION. MAINTAIN PUMPING CONTINUOUSLY UNTIL SUCH TIME AS EXCAVATION HAS BEEN BACKFILLED.

- NOTES:**
- THIS DRAWING IS ONLY A SKETCH BASED UPON THE EXISTING DRAWINGS AND VISUAL INSPECTION. THE LOCATION OF UNDERGROUND STRUCTURES AND DIMENSIONS ARE NOT EXACT.
  - THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS AND CONFIRMING THE LOCATION OF THE BURIED UTILITIES PRIOR TO ASSOCIATED CONSTRUCTION.

DRAWING NUMBER	REFERENCE DRAWINGS
----------------	--------------------

00	ISSUED FOR TENDER, BID OPP. 907-2011	2012/02/23	R.B.	D.S.
NO.	REVISIONS	DATE	DESIGN	CHECK

**SNC-LAVALIN INC.**  
 148 Nature Park Way  
 Winnipeg, MB, Canada R3P 0X7  
 204-786-8080

DESIGNED BY: R. BEAN  
 CHECKED BY: D. SIDHU  
 DRAWN BY: M. TUGADE  
 APPROVED BY: C. REIMER  
 SCALE: 1:100  
 RELEASED FOR CONSTRUCTION BY: K.R. ZUREK  
 DATE: 2011/10/17  
 DATE: 2012/02/23

CONSULTANT NO.: 508042-0000-41DD-0001

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY:  
 R.C.BEAN  
 SNC-LAVALIN INC  
 2012/02/12  
 REV.00

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

Winnipeg

MONTCALM WASTEWATER PUMPING STATION  
 2011 UPGRADES  
 SITE PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0164L-C0001	001	00	A1