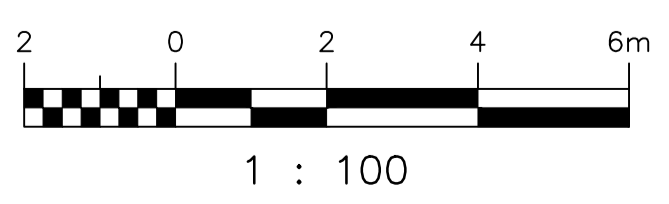


POINT	EXIST. ELEVATION(m)	FINISHED ELEVATION(m)	DISTANCE(m)
1	230.900	-	0
2	230.580	-	3
3	230.427	-	6
4	230.267	-	9
5	230.165	230.300	12
6	229.768	230.300	15
7	229.520	230.300	18
8	229.414	230.300	19.9
9	229.344	230.300	21
10	229.148	SLOPES	24

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.

01
 RIM +/- 230.80
 INV N 222.38
 INV S 222.77

DRAWING NUMBER	REFERENCE DRAWINGS
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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	
NO. REVISIONS	DATE DESIGN CHECK
01 REVISED MANHOLE ELEVATIONS	2012/03/16 CJR CJR
00 ISSUED FOR TENDER, BID OPP. 907-2011	2012/02/23 R.B. D.S.

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

MONTCALM WASTEWATER PUMPING STATION
 2011 UPGRADES
 SITE PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0164L-C0001	001	01	A1