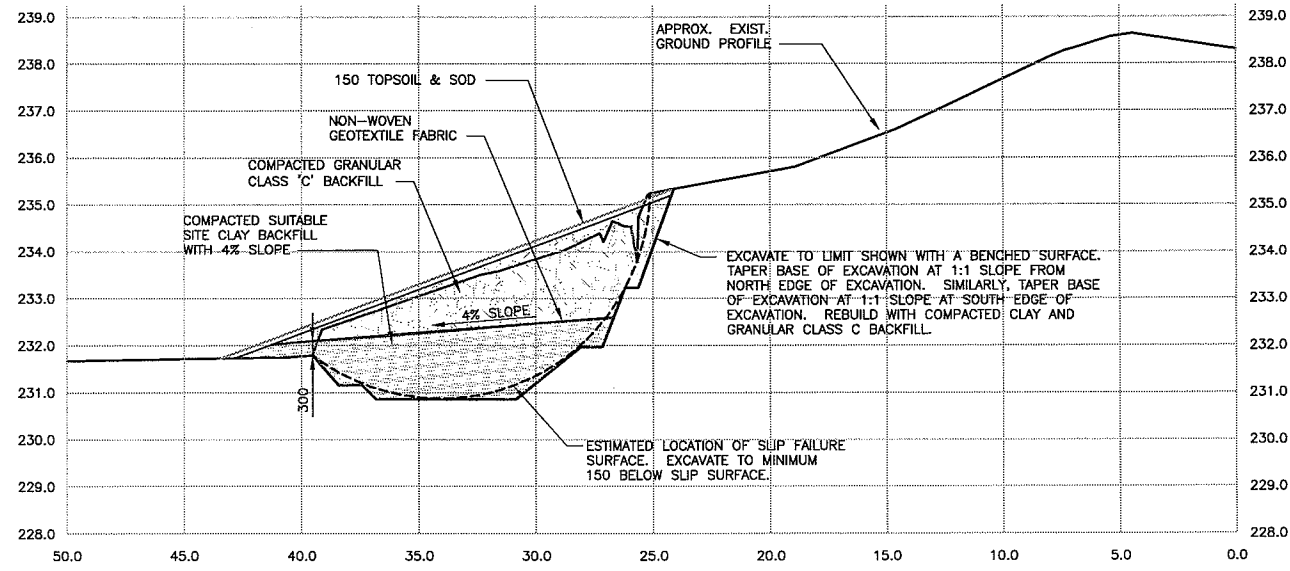
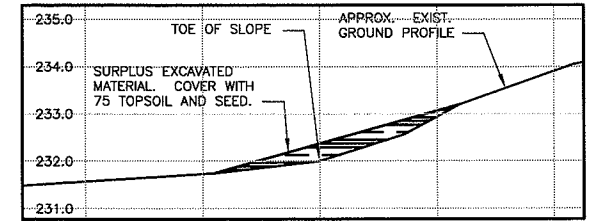


PLAN
1:500

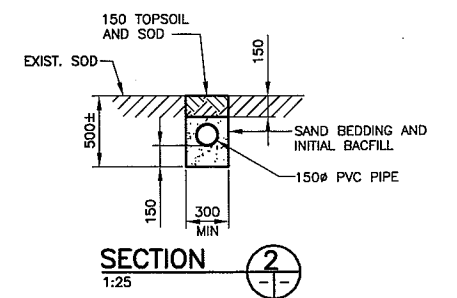


SECTION 1
H: 1:150
V: 1:75

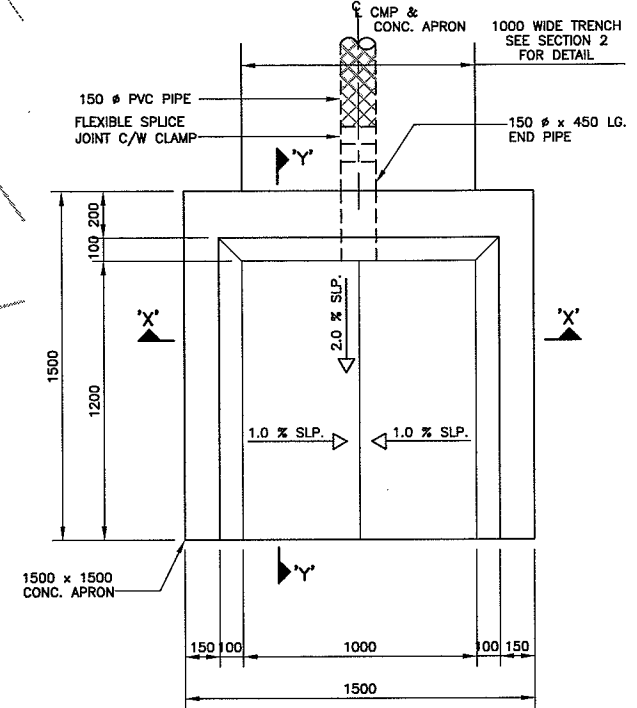


SECTION 3
H: 1:150
V: 1:75

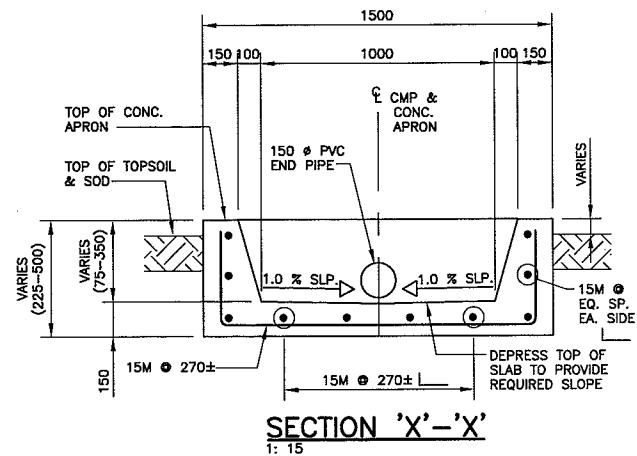
WARNING
CONTRACTOR TO OBTAIN UTILITY CLEARANCES PRIOR TO COMMENCING EXCAVATION.
UNDERGROUND INFORMATION SHOWN ON THIS DRAWING IS BASED ON INFORMATION RECEIVED FROM THE CITY OF WINNIPEG. UNDERGROUND STRUCTURES AND MAY NOT BE ENTIRELY ACCURATE OR COMPLETE.



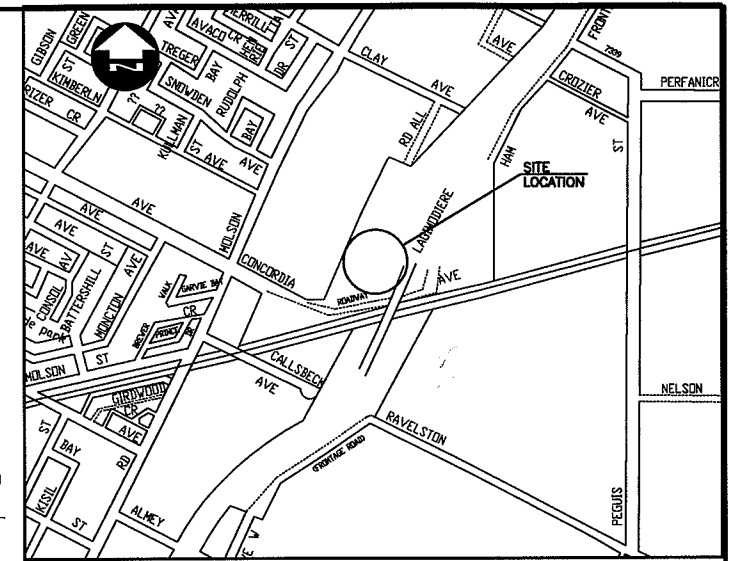
SECTION 2
1:25



PLAN DETAIL A
1:15



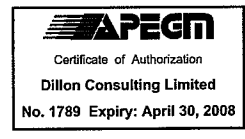
SECTION 'X'-'X'
1:15



LOCATION PLAN

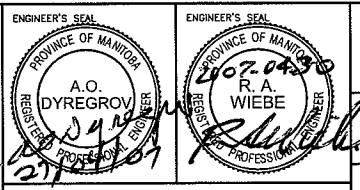
- NOTES:**
- CONTRACTOR TO OBTAIN UTILITY CLEARANCES PRIOR TO COMMENCING EXCAVATION.
 - EARTH/FILL MATERIAL SHALL CONSIST OF EITHER SUITABLE SITE MATERIAL OR CLAY BORROW MATERIAL AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 - FROM 1.0 METRE ABOVE THE TENSION CRACK TO THE BOTTOM OF THE EXISTING SLOPE WITHIN THE N-S LIMITS OF THE CRACK:
 - STRIP THE VEGETATION AND TOPSOIL.
 - EXCAVATE IN 5 METRE STRIPS (E-W) TO 150 BELOW SLIP SURFACE.
 - PLACE AND COMPACT SUITABLE EARTH/FILL MATERIAL WITH A 4% SLOPE.
 - PLACE AND COMPACT GRANULAR CLASS 'C' MATERIAL.
 - EXCAVATE ADJACENT 5 METRE STRIP AND REPEAT STEPS iii) & iv) UNTIL FAILURE AREA IS COMPLETE.
 - PLACE 150 TOPSOIL AND SOD.
 - REPLACE CORRODED OR OTHERWISE DAMAGED END OF EXISTING 150 CMP AS DETERMINED IN FIELD WITH CONTRACT ADMINISTRATOR.
 - REPAIR ANY DAMAGE TO THE ADJACENT AREAS OF THE SITE CAUSED BY THE CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.
 - REINFORCING STEEL SHALL BE IN ACCORDANCE WITH CAN/CSA-G30.18 GRADE 400W.
 - CONCRETE SHALL BE CEMENT TYPE HS AND HAVE AN EXPOSURE CLASS OF C1, S2. (MIN COMPRESSIVE STRENGTH OF 35 MPa, MAX WATER/CEMENT RATIO OF 0.40 AND AN AIR CONTENT CATEGORY OF 1).

DRAWING REDUCED NOT TO SCALE



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

B.M. ELEV.	DESIGNED BY	MRD
	DRAWN BY	MRD
	CHECKED BY	AOD
	REVIEWED BY	RAW
	HOR. SCALE	AS NOTED
	VERTICAL	AS NOTED
	RELEASED FOR CONSTRUCTION	
	DATE	APR 2007
	DATE	
NO.	REVISIONS	DATE BY
2	ISSUED FOR TENDER	07/04/27 MRD
1	ISSUED FOR CITY REVIEW	07/04/23 MRD
0	ISSUED FOR CITY REVIEW	07/04/11 MRD



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Winnipeg
2007 BRIDGE MAINTENANCE
ROUTE 20 AT KEEWATIN OVERPASS

NW QUADRANT
FULL DEPTH REPAIR

CITY DRAWING NUMBER
B123-07-01
SHEET 1 OF 4

BID OPP NO.
295-2007

CONSULTANT PROJECT NO.
06-5919/07-7519