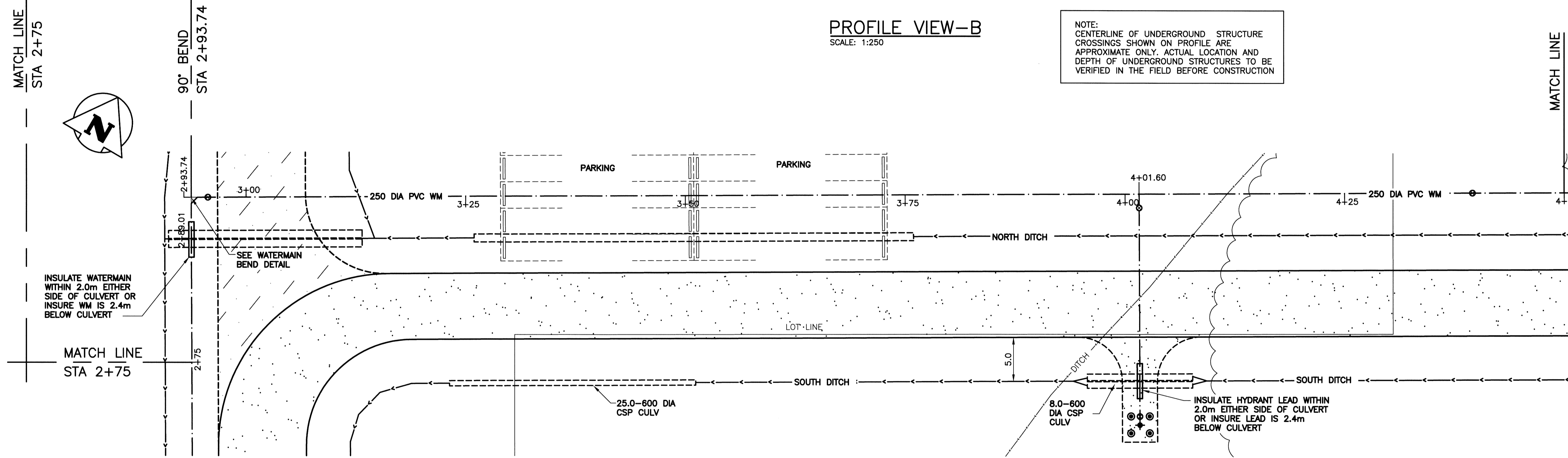


PROFILE VIEW-B
SCALE: 1:250

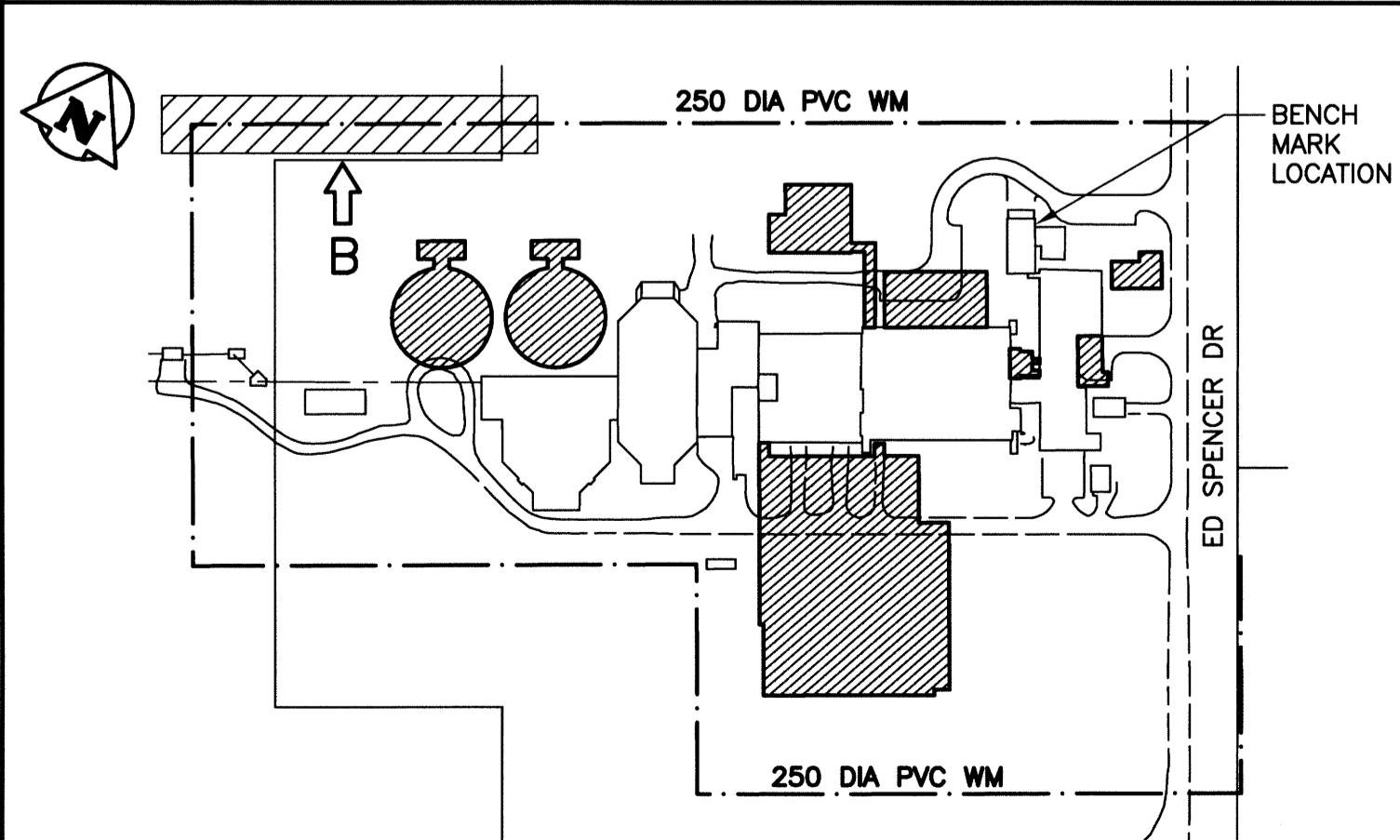
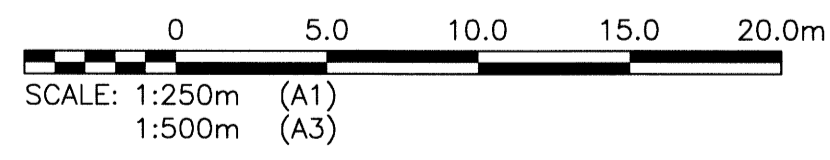
NOTE:
CENTERLINE OF UNDERGROUND STRUCTURE CROSSINGS SHOWN ON PROFILE ARE APPROXIMATE ONLY. ACTUAL LOCATION AND DEPTH OF UNDERGROUND STRUCTURES TO BE VERIFIED IN THE FIELD BEFORE CONSTRUCTION



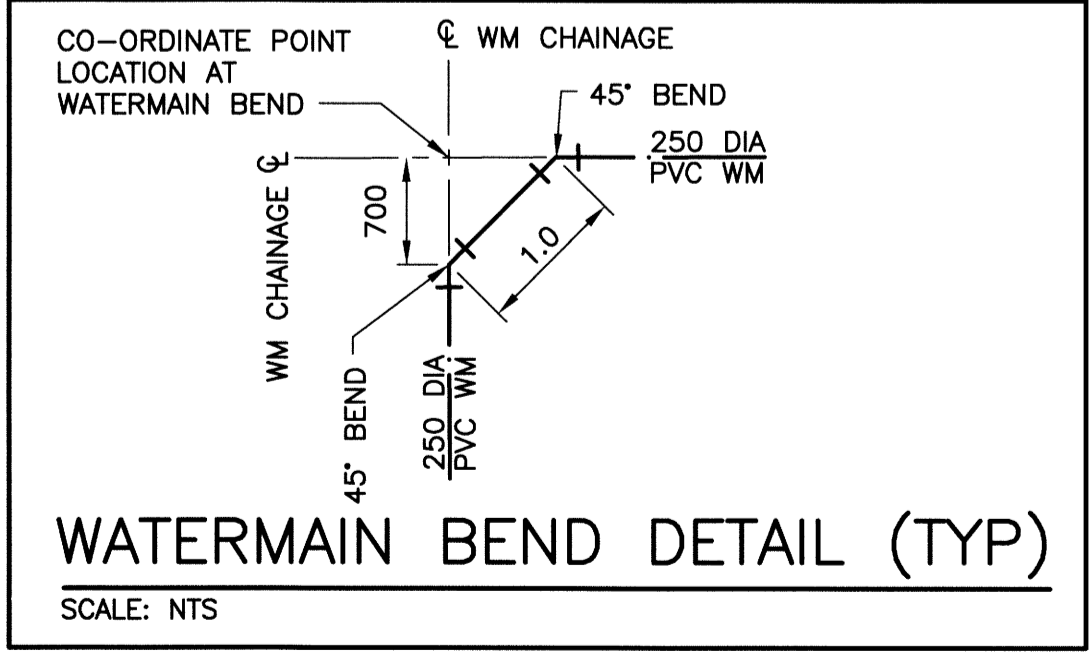
PLAN VIEW-B
SCALE: 1:250

WATERMAIN LAYOUT CO-ORDINATES			
STATION	EASTING (X)	NORTHING (Y)	REMARKS
2+93.74	636623.921	5517489.354	90° BEND
2+89.01	636626.233	5517485.216	600 DIA CULVERT
2+95.64	636625.576	5517490.272	WM VALVE
4+01.60	636718.033	5517542.038	FIRE HYDRANT TEE
4+01.60	636730.855	5517519.136	FIRE HYDRANT
4+39.55	636751.144	5517560.577	WM VALVE

- WATERMAIN DRAWING NOTES**
- NOTES:
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - ALL NEW WATERMAIN AND SERVICE CONNECTIONS SHALL HAVE MINIMUM 2.4 METRES OF COVER.
 - ALL PIECES OF EXISTING MUNICIPAL INFRASTRUCTURE TO BE REMOVED OR ABANDONED ARE IDENTIFIED IN GREATER DETAIL ON DRAWINGS 1-0102-CGAD-A006 SHEETS 001 THROUGH 012.



LOCATION PLAN



WATERMAIN BEND DETAIL (TYP)
SCALE: NTS

ITEM	LEGEND			ITEM	LEGEND		
	EXISTING	NEW	ABANDONED		EXISTING	NEW	ABANDONED
WM	—	—	---	GAS	—	—	---
WM VALVE	⊙	⊙	⊙	DITCH	—	—	---
WM HYDRANT	⊙	⊙	⊙	FENCE	—	—	---
SEWER MH	⊙	⊙	⊙	SIGN	—	—	---
SEWER CB	⊙	⊙	⊙	BOLLARD	—	—	---
MTS	⊙	⊙	⊙	TREE	—	—	---
MTS MH	⊙	⊙	⊙	BUSH	—	—	---
HYDRO	⊙	⊙	⊙	ELEVATION	233.240	233.450	
HYDRO LS	—	—	---	CULVERT	—	—	---
HYDRO POLE	—	—	---				

B.M. BRASS PLATE LOCATED IN GRADE BEAM OF ADMINISTRATION BUILDING ELEV. 234.059			
00	ISSUED FOR TENDER	06/2014	EMS
NO.	REVISIONS	DATE	DESIGN CHECK

CH2MHILL.

SNC-LAVALLIN

DESIGNED BY: EMS
CHECKED BY: BJM

DRAWN BY: DMW
APPROVED BY: RJH

SCALE: AS NOTED
RELEASED FOR CONSTRUCTION BY:

DATE: 2014/06/27
DATE:

CONSULTANT NO.: 13-0338-002

ENGINEER'S SEAL

KGS GROUP

B.J. MIKOLAYENKO
Member
24688

PROFESSOR OF ENGINEERING

JUNE 25/2014

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPPC UPGRADE/EXPANSION PROJECT
CIVIL

WATERMAIN NORTH
STA 2+75 TO STA 4+50

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-CUTY-Y006	002	00	A1