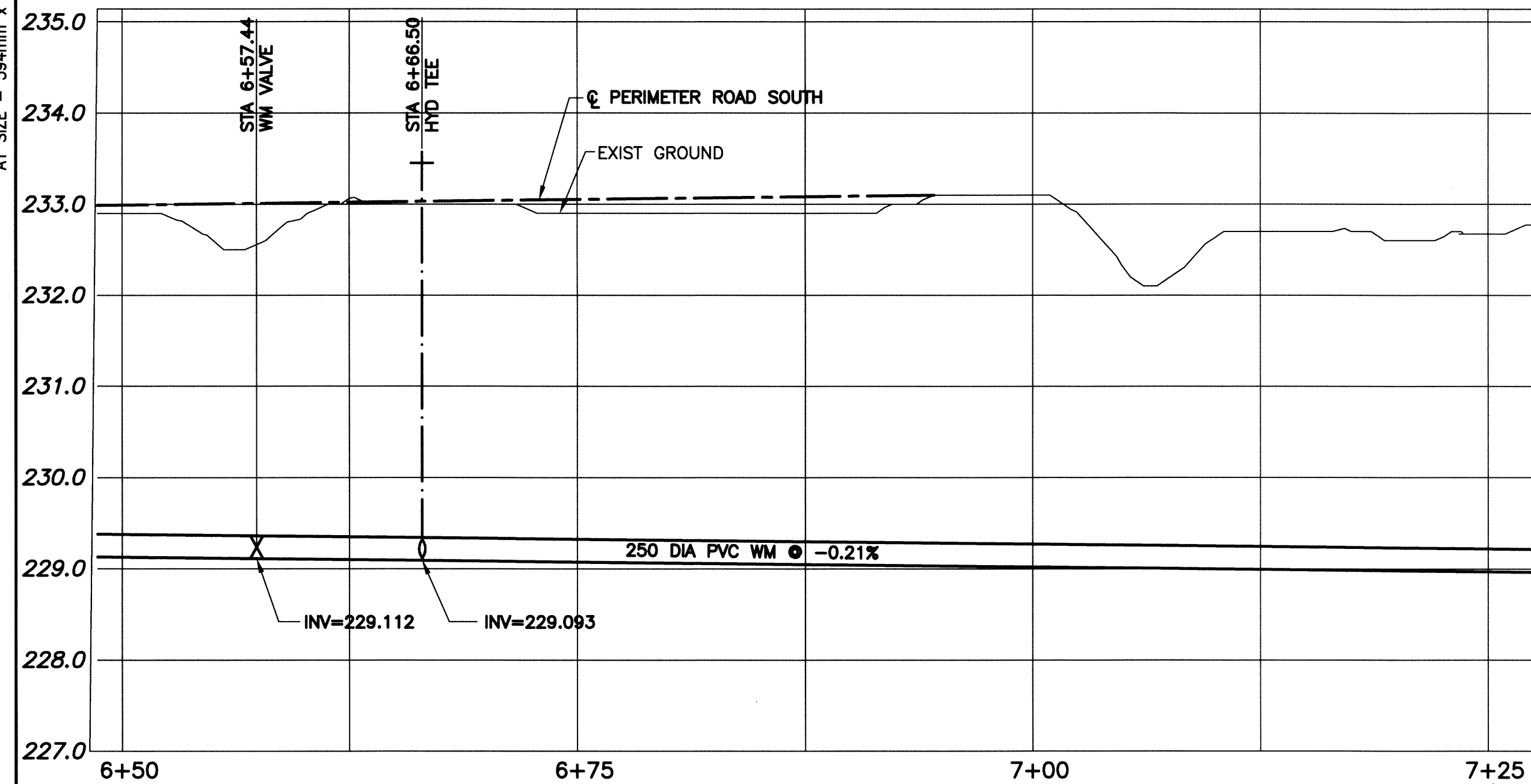
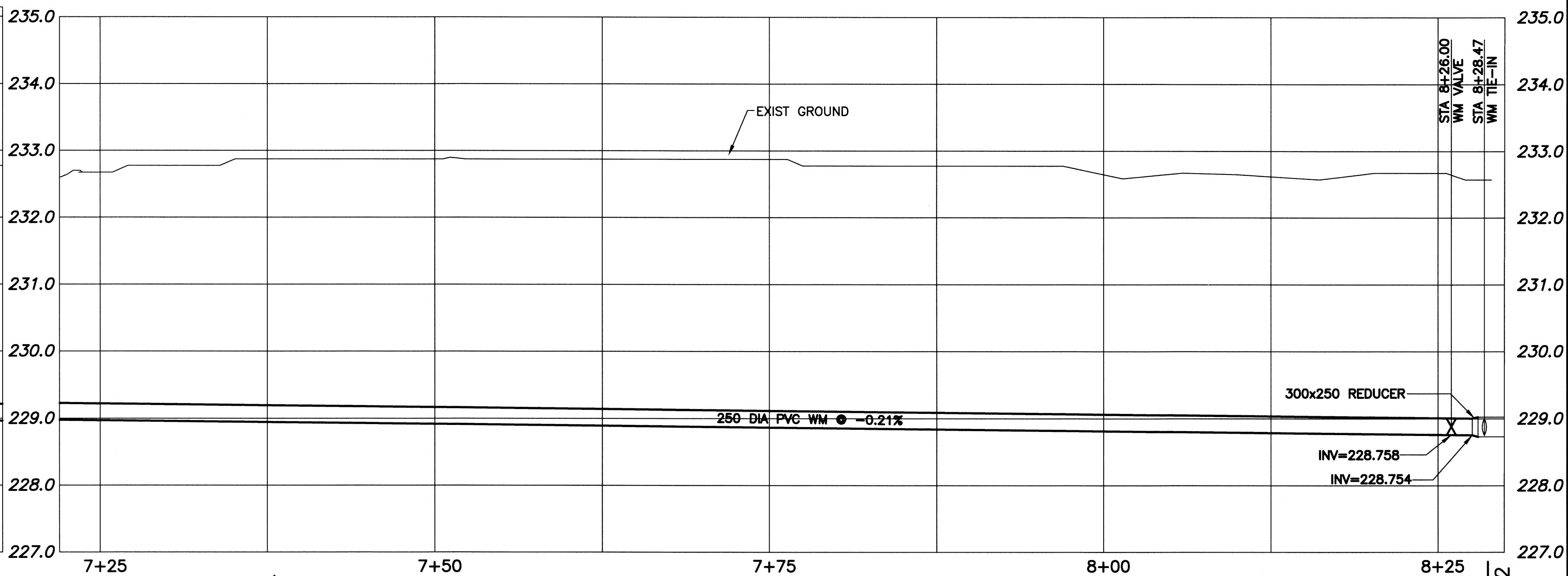


A1 SIZE - 594mm x 841mm

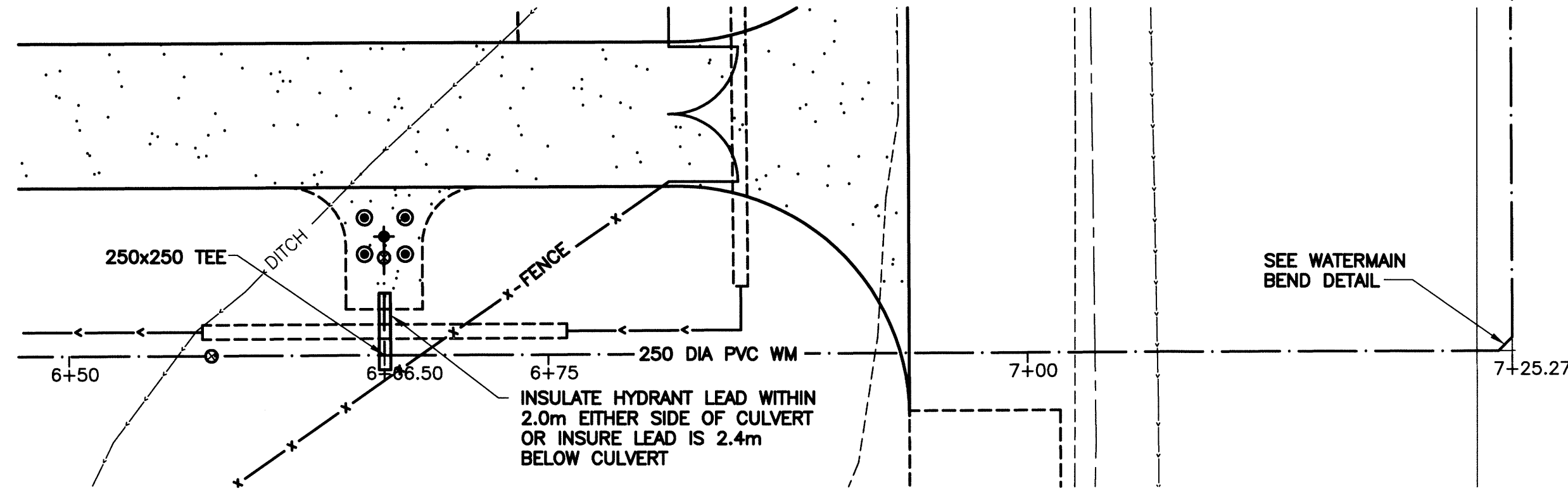
LAST SAVE: 2014/06/25 - 3:23pm  
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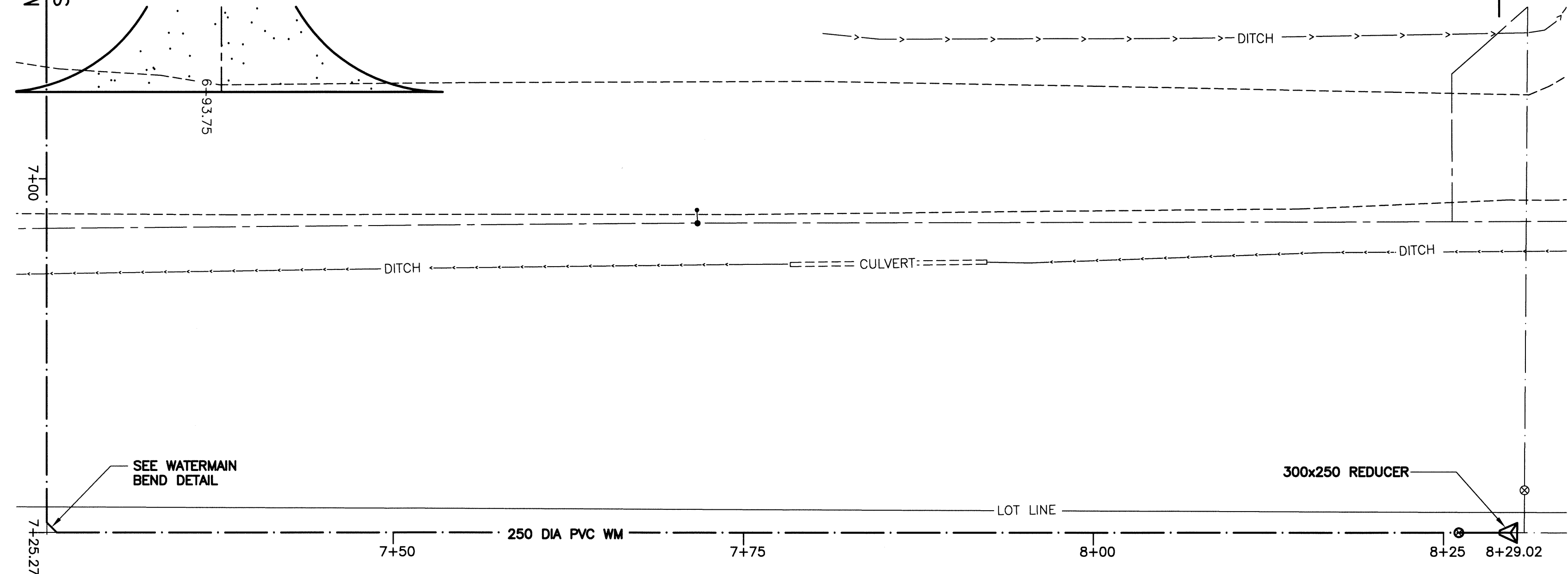
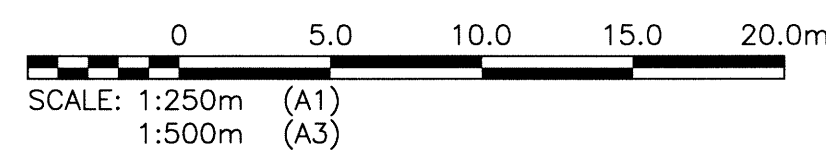
**PROFILE VIEW-E**  
SCALE: 1:250



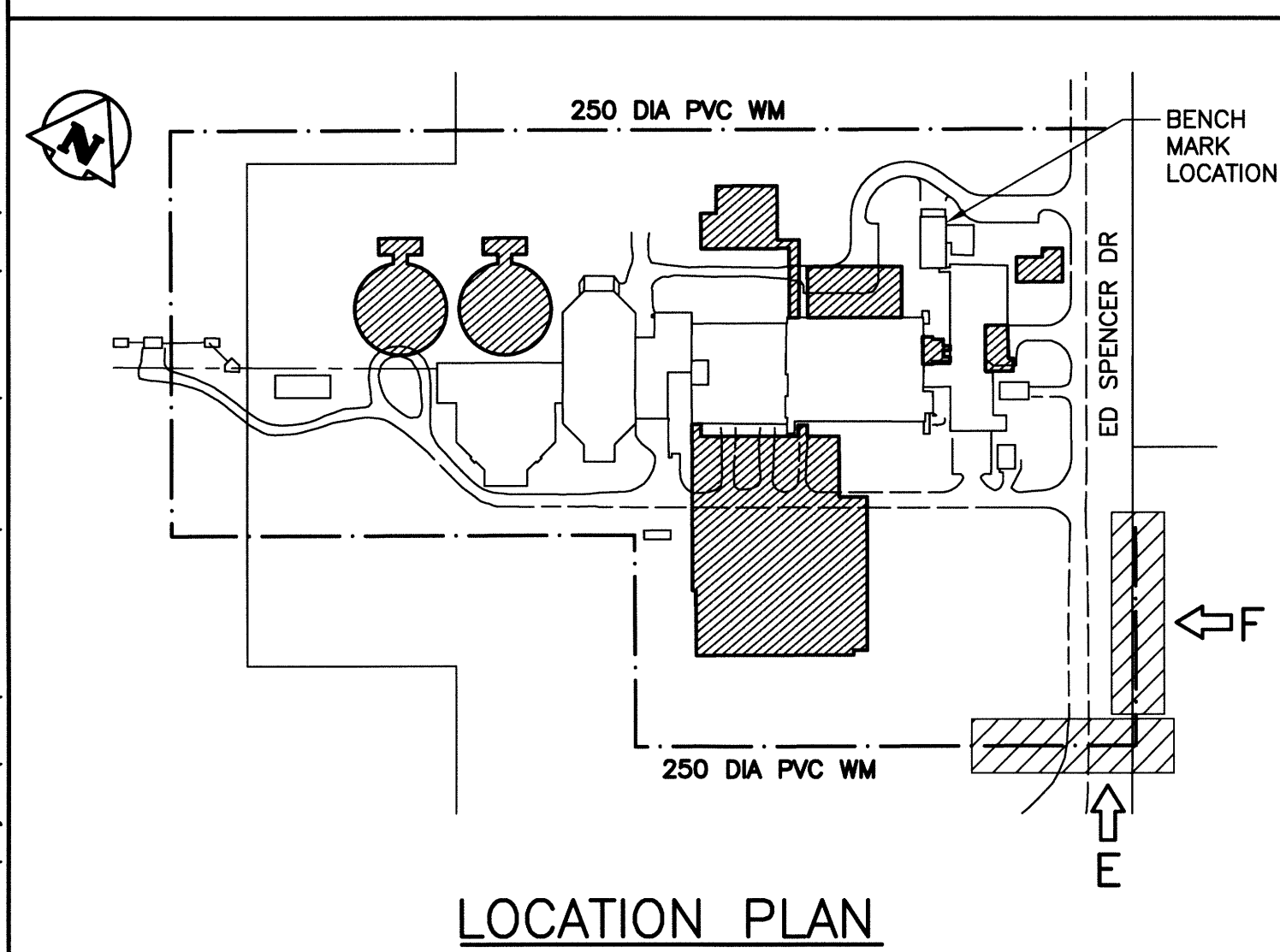
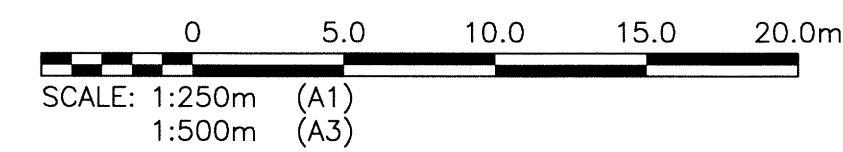
**PROFILE VIEW-F**  
SCALE: 1:250



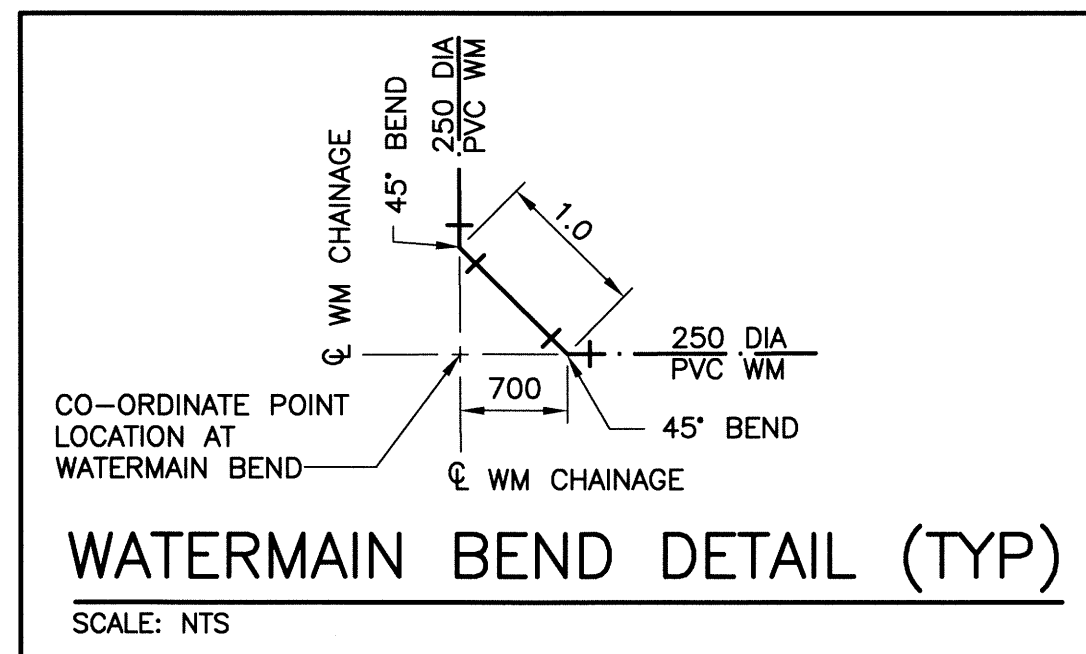
**PLAN VIEW-E**  
SCALE: 1:250



**PLAN VIEW-F**  
SCALE: 1:250



**LOCATION PLAN**



**WATERMAIN BEND DETAIL (TYP)**  
SCALE: NTS

LEGEND							
ITEM	EXISTING	NEW	ABANDONED	ITEM	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	—	—	---				

**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.

WATERMAIN LAYOUT CO-ORDINATES			
STATION	EASTING (X)	NORTHING (Y)	REMARKS
6+57.44	637110.594	5517424.168	WM VALVE
6+66.50	637118.478	5517428.582	FIRE HYDRANT TEE
6+66.50	637115.454	5517433.983	FIRE HYDRANT
7+25.27	637169.781	5517457.306	90° BEND
8+26.00	637120.521	5517545.285	WM VALVE
8+29.02	637119.106	5517547.815	250x300 REDUCER



B.M. BRASS PLATE LOCATED IN GRADE BEAM OF ADMINSTRATON BUILDING ELEV. 234.059	<b>CH2MHILL.</b>	ENGINEER'S SEAL
DESIGNED BY: SNC-LAVALIN	DESIGNED BY: EMS	CHECKED BY: BJM
DRAWN BY: DMW	APPROVED BY: RJH	RELEASED FOR CONSTRUCTION BY: RJH
DATE: 2014/06/27	CONSULTANT NO.: 13-0338-002	
00 ISSUED FOR TENDER 06/2014 EMS		
NO. REVISIONS	DATE	DESIGN CHECK

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

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

WATERMAIN SOUTH  
STA 7+25.27 TO STA 8+29.02

CITY DRAWING NUMBER: 1-0102-CUTY-Y007  
SHEET: 004  
REV: 00  
SIZE: A1