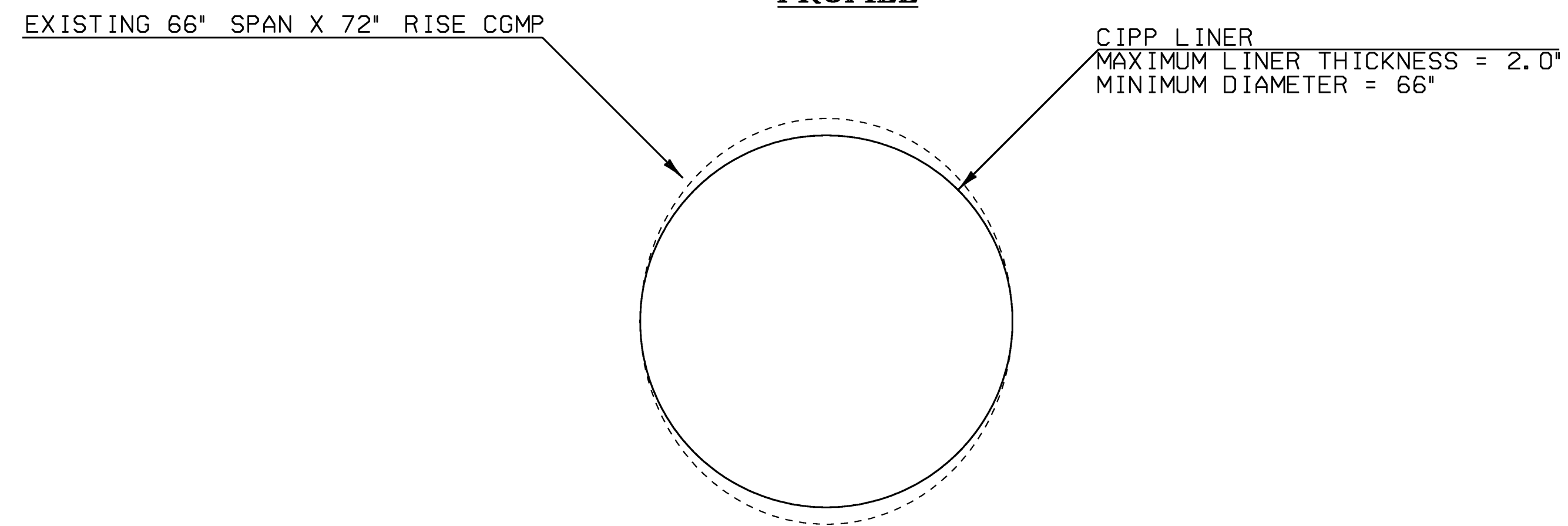


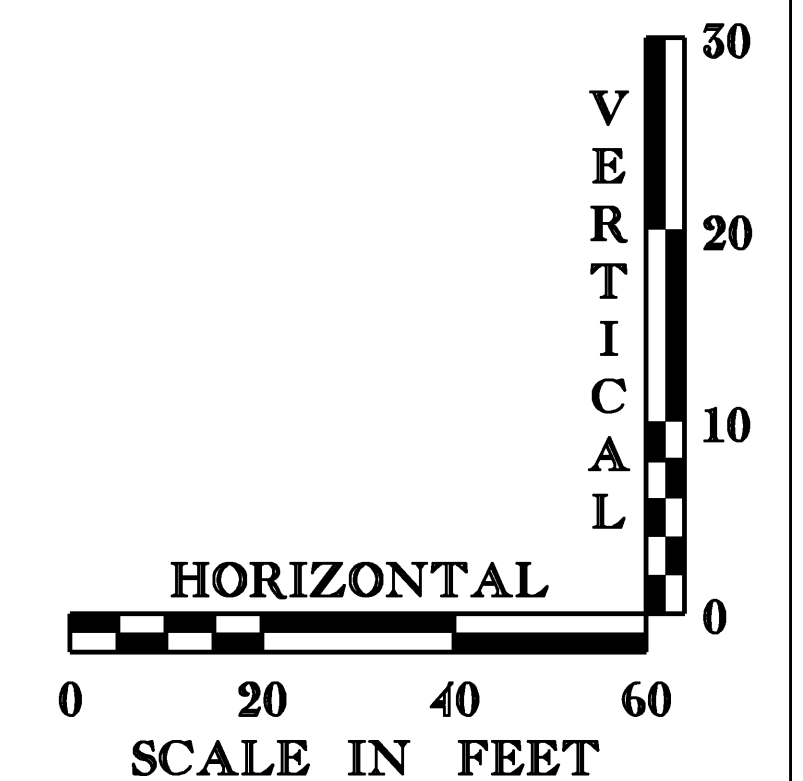
**MM 0351
CULVERT CENTERLINE
PROFILE**



**MM 0351
CULVERT LINING DETAIL
NOT TO SCALE**

PROJECT NOTES

- ① THE CONTRACT ITEM 900.645 "SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER) (66\")" IS INTENDED TO BE USED FOR THE INSTALLATION OF A RESIN-IMPREGNATED FLEXIBLE TUBE, WHICH SHALL BE TIGHTLY FORMED TO THE ORIGINAL CONDUIT. THE RESIN IS TO BE CURED USING EITHER HOT WATER UNDER HYDROSTATIC PRESSURE OR STEAM PRESSURE WITHIN THE TUBE. THE CURED-IN-PLACE PIPE (CIPP) SHALL BE CONTINUOUS AND TIGHT FITTING.
- ② THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARATION OF THE EXISTING PIPE TO THE SATISFACTION OF THE MANUFACTURER OF THE CIPP LINER. IT IS ANTICIPATED THAT IT WILL BE NECESSARY FOR THE CONTRACTOR TO REMOVE SEDIMENT, LARGE STONES, AND/OR DEBRIS FROM INSIDE THE EXISTING CULVERT, AND TO FILL AND REPAIR LARGE HOLES IN THE EXISTING PIPE PRIOR TO INSTALLING THE CIPP LINER. ADDITIONALLY THE CONTRACTOR SHALL FILL ANY VOIDS UNDER THE PIPE FROM WITHIN THE PIPE BEFORE INSTALLING THE CIPP LINER. PAYMENT FOR THIS WORK WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 900.608
- ③ ALL WORK DIRECTLY ASSOCIATED WITH THE REPAIR OF THE CULVERT SHALL BE DONE IN DRY CONDITIONS WITH NO STANDING OR FLOWING WATER PRESENT INSIDE THE CULVERT. REFER TO PROJECT SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.
- ④ THE CONTRACTOR SHALL ESTABLISH TURF ON ANY AREAS DISTURBED AS A RESULT OF WORK ON THIS PROJECT ACCORDING TO THE RURAL SEEDING FORMULA ON SHEET 12 OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ⑤ THE CONTRACTOR SHALL FILL VOIDS WITHIN THE PIPE INVERT SUBSURFACE WITH FLOWABLE FILL BEFORE THE INSTALLATION OF THE CURED-IN-PLACE PIPE LINER. PAYMENT FOR THIS WORK WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM.



PROJECT NAME: ROCKINGHAM	
PROJECT NUMBER: IM SCR(5)	
FILE NAME: d07a108prof.dgn	PLOT DATE: 30-JUL-2008
PROJECT LEADER: K. UPMAL	DRAWN BY: J. DEVLIN
DESIGNED BY: J. DEVLIN	CHECKED BY: B. KIPP
CULVERT LINING DETAIL	SHEET 5 OF 17

DATUM	
VERTICAL	NAVD88
HORIZONTAL	NAD83(96)