



REV	DESCRIPTION	DRWN	DSGN	APPD	DATE	REV	DESCRIPTION	DRWN	DSGN	APPD	DATE
1	ISSUE FOR BID	CDB	CDB	DAM	10/27/09						
2	ISSUED FOR CONSTRUCTION	CDB	CDB	DAM	02/03/10						
3	MODIFIED CROSSING TEXT AND MILE INFORMATION	CDB	CDB	DAM	03/11/10						
4	AS-BUILT	CDB	CDB	DAM	03/07/11						

STATE NAME: NORTH DAKOTA		NAD83 NDSPCS INTL FT NORTH ZONE			
DESIGN BY: DAM/CDB		10/12/09			
DRAWN BY: CDB		10/12/09			
DESIGN CHK: MBN ENGRG.		01/08/10			
DRAFT CHK:					
APPROVED: DAM		10/12/09			

DESIGN INFORMATION	
CONDUCTOR	1272 MCM 45/7 ACSR
OPGW	AC-71/571
STRINGING TENSION	6501
NESC TENSION	12617
DESIGN R.S.	800
ACTUAL R.S.	832
	2281
	6035
	850
	849

FACILITY: TRANSMISSION SYSTEM MAINTENANCE	
LOCATION UNIT: 296-230KV LINE-WILLISTON SUBSTATION TO TIOGA SUBSTATION	
WILLISTON TO TIOGA 230KV TRANSMISSION LINE	
PLAN AND PROFILE	
MILE 57 & 58	

BASIN ELECTRIC POWER COOPERATIVE	
1717 EAST INTERSTATE AVENUE BISMARCK, NORTH DAKOTA PHONE 701-223-0441	
SCALE: AS SHOWN	COUNTY NAME: MOUNTRAIL
BASIN DRAWING NO. 296-090-T3-059	REV. 4