



REV	DESCRIPTION	DRWN	DSGN	APPD	DATE	REV	DESCRIPTION	DRWN	DSGN	APPD	DATE
1	CHANGED STR 16 TO SD54, ISSUE FOR BID	CDB	CDB	DAM	10/19/09						
2	ADDED MARKER BALL LOCATIONS 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 INFORMATION					
CONDUCTOR	SIZE	STRINGING TENSION	NESS TENSION	DESIGN R.S.	ACTUAL R.S.
	1272 MCM 45/7 ACSR	6555	12617	750	754
	OPGW	AC-71/571	2277	5810	754

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

FACILITY:	TRANSMISSION SYSTEM MAINTENANCE
LOCATION UNIT:	296-230KV LINE-WILLISTON SUBSTATION TO TIOGA SUBSTATION
WILLISTON TO TIOGA 230KV TRANSMISSION LINE	
PLAN AND PROFILE	
MILE 1 & 2	

SCALE:	AS SHOWN	COUNTY NAME:	WILLIAMS
BASIN DRAWING NO.	296-090-T3-003	REV.	4

LIDAR & AERIAL PHOTOGRAPHY
JULY 20, 2009
FUGRO HORIZONS, INC.