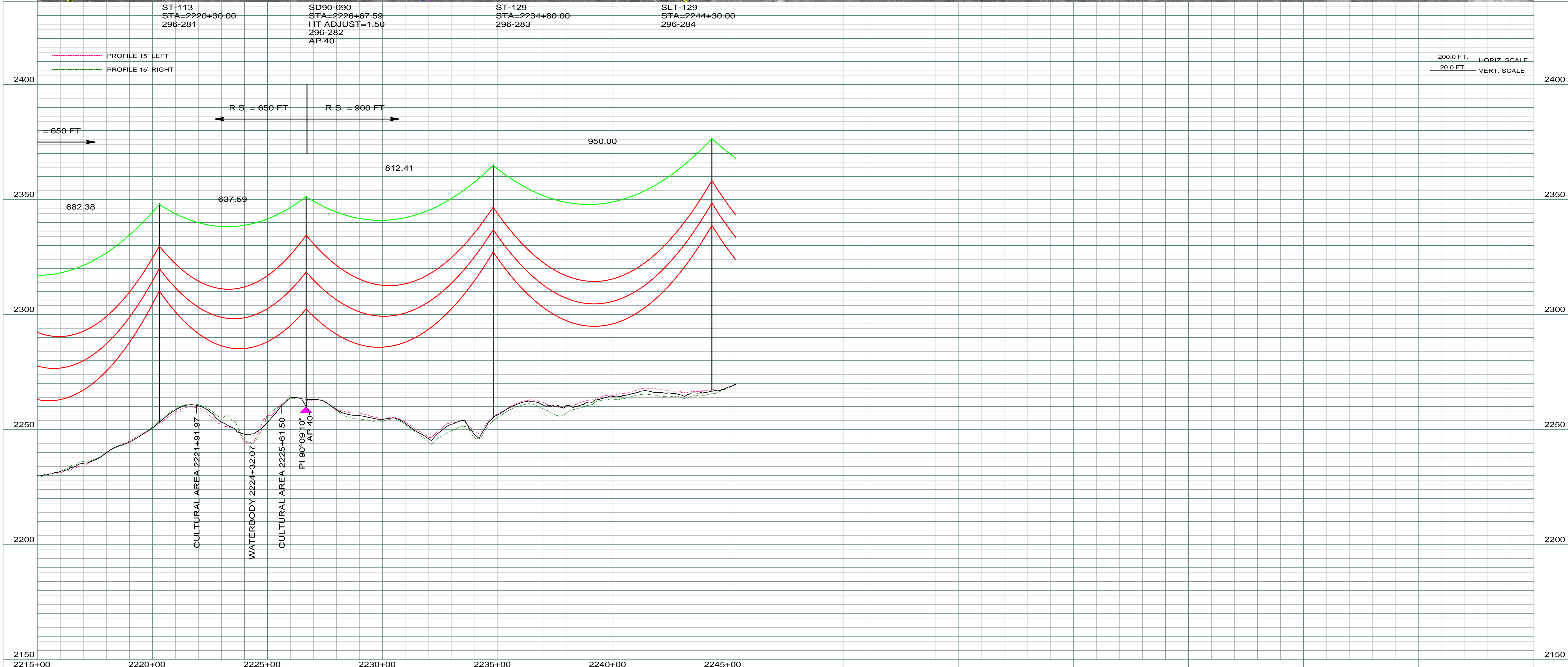




LIDAR & AERIAL PHOTOGRAPHY
JULY 20, 2008
FUGRO HORIZONS, INC.



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	NAD83 NDSPCS INTL FT NORTH ZONE	DESIGN BY:	DATE		
NORTH DAKOTA		DAM/CDB	10/12/09		
DESIGN INFORMATION					
CONDUCTOR	SIZE	STRINGING TENSION	NESC TENSION	DESIGN R.S.	ACTUAL R.S.
1272 MCM 45/7 ACSR	6409	12278	650	661	
OPGW	AC-71/571	2176	5459	650	661

DESIGN BY:	DATE	DRAWN BY:	DATE	DESIGN CHK:	DATE	DRAFT CHK:	DATE	APPROVED:	DATE
DAM/CDB	10/12/09	CDB	10/12/09	MBN ENGRG.	01/08/10			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 41 & 42

SCALE: AS SHOWN
 COUNTY NAME: WILLIAMS
 BASIN DRAWING NO. 296-090-T3-043
 REV. 4

BASIN ELECTRIC POWER COOPERATIVE
 1717 EAST INTERSTATE AVENUE
 BISMARCK, NORTH DAKOTA
 PHONE 701-223-0441