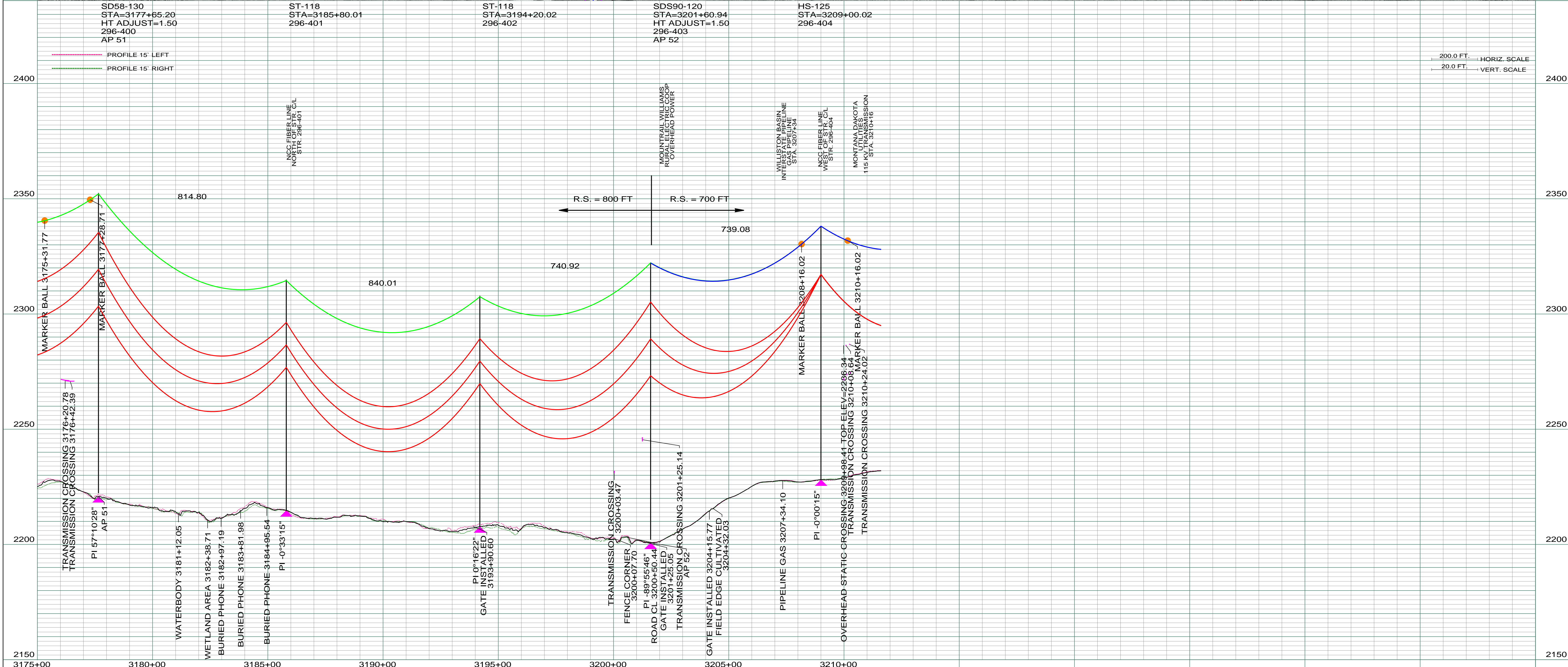


LIDAR & AERIAL PHOTOGRAPHY
JULY 20, 2008
FUGRO HORIZONS, INC.



REV	DESCRIPTION	DRWN	DSGN	APPD	DATE	REV	DESCRIPTION	DRWN	DSGN	APPD	DATE
1	ISSUE FOR BID	CDB	CDB	DAM	10/27/09	5	ADDED AP'S 51A AND 51B DUE TO CONSTRUCTION MOVES, AS-BUILT	CDB	CDB	DAM	03/07/11
2	ISSUED FOR CONSTRUCTION	CDB	CDB	DAM	02/03/10						
3	MODIFIED CROSSING TEXT AND MILE INFORMATION	CDB	CDB	DAM	03/11/10						
4	ADDED MARKER BALLS TO OPGW SPANS	CDB	CDB	DAM	11/02/10						

DESIGN INFORMATION		DESIGN TENSION		DESIGN R.S.		ACTUAL R.S.	
CONDUCTOR	SIZE	STRINGING TENSION	NESC TENSION	DESIGN R.S.	ACTUAL R.S.	CONDUCTOR	SIZE
OPGW	AC-71/571	2285	5932	800	802	OPGW	AC-71/571
OHGW	3/8" E.H.S. STEEL	1464	4161	705	705	OHGW	3/8" E.H.S. STEEL

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

SCALE: AS SHOWN COUNTY NAME: MOUNTRAIL
BASIN DRAWING NO. 296-090-T3-062 REV. 5

PLAN AND PROFILE
MILE 60