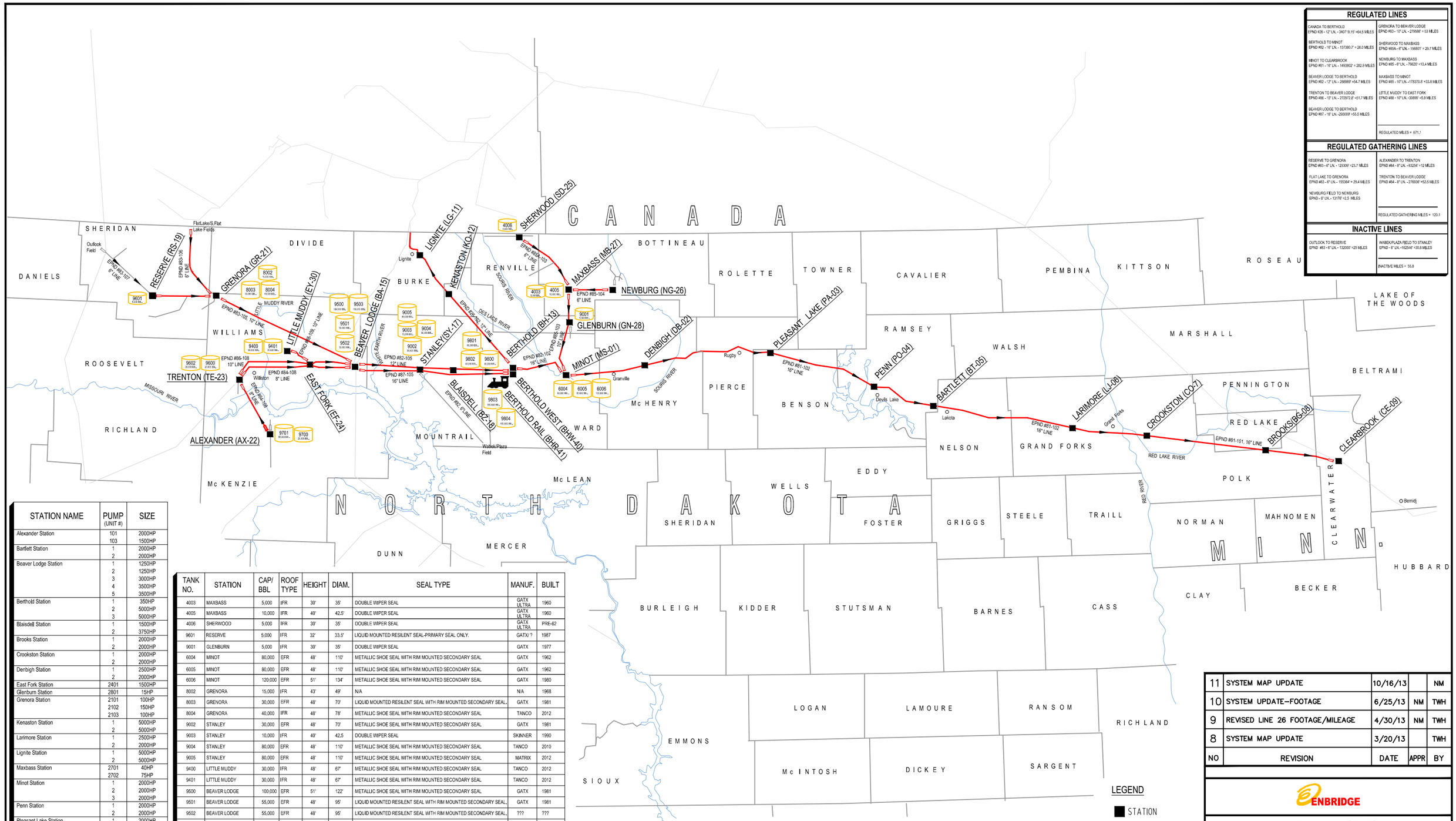

REGULATED LINES

CANADA TO BERTHOLD EPND #26 - 12" LN. - 340719.15' =64.5 MILES	GRENORA TO BEAVER LODGE EPND #83 - 10" LN. - 279588' = 53 MILES
BERTHOLD TO MINOT EPND #82 - 16" LN. - 137380.7' = 26.0 MILES	SHERWOOD TO MAXBASS EPND #85A - 6" LN. - 156801' = 29.7 MILES
MINOT TO CLEARBROOK EPND #81 - 16" LN. - 1493802' = 282.9 MILES	NEWBURG TO MAXBASS EPND #85 - 6" LN. - 79620' =13.4 MILES
BEAVER LODGE TO BERTHOLD EPND #82 - 12" LN. - 288999' =54.7 MILES	MAXBASS TO MINOT EPND #85 - 10" LN. -178370.5' =33.8 MILES
TRENTON TO BEAVER LODGE EPND #86 - 10" LN. - 272973.8' =51.7 MILES	LITTLE MUDDY TO EAST FORK EPND #88 - 10" LN. -30899' =5.9 MILES
BEAVER LODGE TO BERTHOLD EPND #87 - 16" LN. -293005' =55.5 MILES	
	REGULATED MILES = 671.1

REGULATED GATHERING LINES

RESERVE TO GRENORA EPND #83 - 6" LN. - 125305' =23.7 MILES	ALEXANDER TO TRENTON EPND #84 - 8" LN. - 63254' =12 MILES
FLAT LAKE TO GRENORA EPND #83 - 6" LN. - 155364' = 29.4 MILES	TRENTON TO BEAVER LODGE EPND #84 - 8" LN. - 276936' =52.5 MILES
NEWBURG FIELD TO NEWBURG EPND - 6" LN. - 13176' =2.5 MILES	
	REGULATED GATHERING MILES = 120.1

INACTIVE LINES

OUTLOOK TO RESERVE EPND #83 - 6" LN. - 132000' =25 MILES	WABEK/PLAZA FIELD TO STANLEY EPND - 6" LN. -162546' =30.8 MILES
	INACTIVE MILES = 55.8

STATION NAME	PUMP (UNIT #)	SIZE
Alexander Station	101	2000HP
	103	1500HP
Bartlett Station	1	2000HP
	2	2000HP
Beaver Lodge Station	1	1250HP
	2	1250HP
	3	3000HP
	4	3500HP
	5	3500HP
Berthold Station	1	350HP
	2	5000HP
	3	5000HP
Blaisdell Station	1	1500HP
	2	3750HP
Brooks Station	1	2000HP
	2	2000HP
Crookston Station	1	2000HP
	2	2000HP
Denbigh Station	1	2500HP
	2	2000HP
East Fork Station	2401	1500HP
Glenburn Station	2601	15HP
Grenora Station	2101	100HP
	2102	150HP
	2103	100HP
Kenaston Station	1	5000HP
	2	5000HP
Larimore Station	1	2500HP
	2	2000HP
Lignite Station	1	5000HP
	2	5000HP
Maxbass Station	2701	40HP
	2702	75HP
Minot Station	1	2000HP
	2	2000HP
	3	2000HP
Penn Station	1	2000HP
	2	2000HP
Pleasant Lake Station	1	2000HP
	2	2000HP
Reserve Station	1901	150HP
	1902	150HP
	1903	25HP
	1904	25HP
Sherwood Station	2501	20HP
	2502	25HP
	2503	20HP
Stanley Station	1	2000HP
	2	3750HP
	3	3500HP
	4	3500HP
Trenton Station	101	1750HP
	201	2500HP

TANK NO.	STATION	CAP/ BBL	ROOF TYPE	HEIGHT	DIAM.	SEAL TYPE	MANUF.	BUILT
4003	MAXBASS	5,000	IFR	30'	35'	DOUBLE WIPER SEAL	GATX ULTRA	1960
4005	MAXBASS	10,000	IFR	40'	42.5'	DOUBLE WIPER SEAL	GATX ULTRA	1960
4006	SHERWOOD	5,000	IFR	30'	35'	DOUBLE WIPER SEAL	GATX ULTRA	PRE-62
9601	RESERVE	5,000	IFR	32'	33.5'	LIQUID MOUNTED RESILENT SEAL-PRIMARY SEAL ONLY.	GATX/ ?	1987
9001	GLENBURN	5,000	IFR	30'	35'	DOUBLE WIPER SEAL	GATX	1977
6004	MINOT	80,000	EFR	48'	110'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	GATX	1962
6005	MINOT	80,000	EFR	48'	110'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	GATX	1962
6006	MINOT	120,000	EFR	51'	134'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	GATX	1980
8002	GRENORA	15,000	IFR	43'	49'	N/A	N/A	1968
8003	GRENORA	30,000	EFR	48'	70'	LIQUID MOUNTED RESILENT SEAL WITH RIM MOUNTED SECONDARY SEAL.	GATX	1981
8004	GRENORA	40,000	IFR	48'	78'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	TANCO	2012
9002	STANLEY	30,000	EFR	48'	70'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	GATX	1981
9003	STANLEY	10,000	IFR	40'	42.5	DOUBLE WIPER SEAL	SKINNER	1990
9004	STANLEY	80,000	EFR	48'	110'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	TANCO	2010
9005	STANLEY	80,000	EFR	48'	110'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	MATRIX	2012
9400	LITTLE MUDDY	30,000	IFR	48'	67'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	TANCO	2012
9401	LITTLE MUDDY	30,000	IFR	48'	67'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	TANCO	2012
9500	BEAVER LODGE	100,000	EFR	51'	122'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	GATX	1981
9501	BEAVER LODGE	55,000	EFR	48'	95'	LIQUID MOUNTED RESILENT SEAL WITH RIM MOUNTED SECONDARY SEAL.	GATX	1981
9502	BEAVER LODGE	55,000	EFR	48'	95'	LIQUID MOUNTED RESILENT SEAL WITH RIM MOUNTED SECONDARY SEAL.	???	???
9503	BEAVER LODGE	150,000	EFR	48'	150'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	MATRIX	2012
9600	TRENTON	20,000	IFR	40'	60'	LIQUID MOUNTED RESILENT SEAL-PRIMARY SEAL ONLY.	GATX/ GATX	1983
9602	TRENTON	20,000	IFR	40'	60'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	CONSOLIDATED	2008
9700	ALEXANDER	20,000	IFR	40'	60'	LIQUID MOUNTED RESILENT SEAL-PRIMARY SEAL ONLY.	GATX/ GATX	1983
9701	ALEXANDER	55,000	IFR	40'	100'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	SANDBORN	2007
9800	BERTHOLD	80,000	EFR	40'	120'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	MATRIX	1996
9801	BERTHOLD	80,000	EFR	40'	120'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	MATRIX	2012
9802	BERTHOLD	80,000	EFR	40'	120'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	MATRIX	2012
9803	BERTHOLD RAIL	150,000	EFR	48'	150'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	MATRIX	2013
9804	BERTHOLD WEST	150,000	EFR	48'	150'	METALLIC SHOE SEAL WITH RIM MOUNTED SECONDARY SEAL	MATRIX	2013

NO	REVISION	DATE	APPR	BY
11	SYSTEM MAP UPDATE	10/16/13		NM
10	SYSTEM UPDATE–FOOTAGE	6/25/13	NM	TWH
9	REVISED LINE 26 FOOTAGE/MILEAGE	4/30/13	NM	TWH
8	SYSTEM MAP UPDATE	3/20/13		TWH

ENBRIDGE

MN, ND, MT SYSTEM

SYSTEM MAP

PIPELINE / TANKAGE INFORMATION

PROJECT:

SCALE: NO SCALE	DATE: 9/13/2006	DRAWN: DJV	
CHECK: CR	APPR:	DATE: 9/13/2006	

DWG. NO. B-0-0.5-10004-11-300