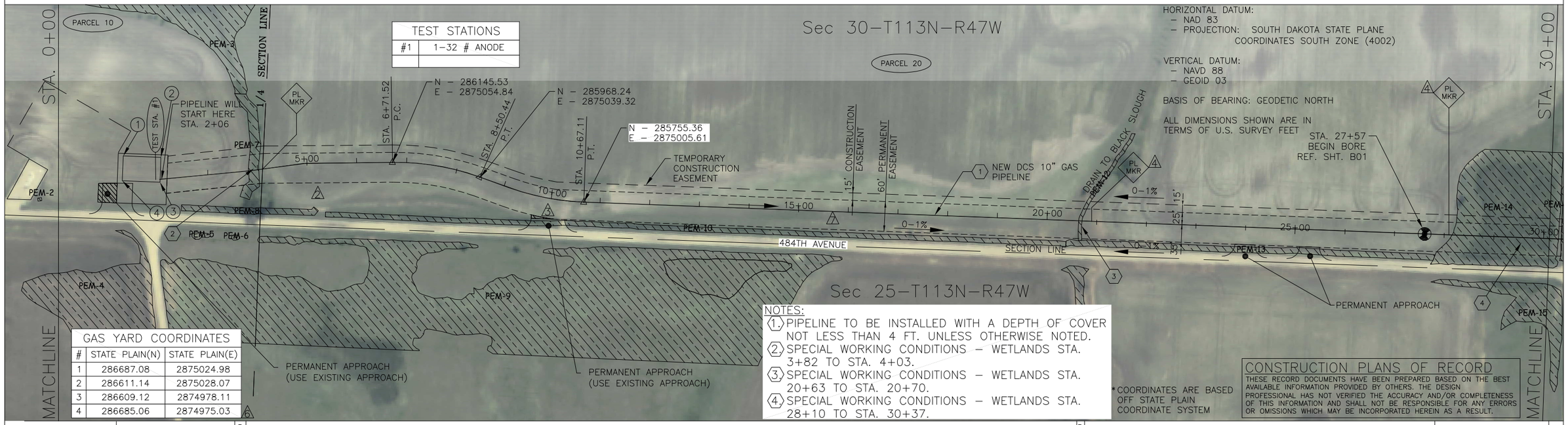
TERRAIN					*FLAT*	*BLACK*	*LOAM*		
0+00	*NORTHERN BORDER PIPELINE COMPANY*	*1+19*	*BASIN ELECTRIC*	*2+19*	*KEITH A. & DEBRA HINDERAKER PARCEL 10*	*4+11*	*ELIZABETH S. CHRISTIANSON PARCEL 20*		
COUNTY & STATE					DEUEL	COUNTY,		SOUTH DAKOTA	



TEST STATIONS	
#1	1–32 # ANODE

GAS YARD COORDINATES		
#	STATE PLAIN(N)	STATE PLAIN(E)
1	286687.08	2875024.98
2	286611.14	2875028.07
3	286609.12	2874978.11
4	286685.06	2874975.03

HORIZONTAL DATUM:
- NAD 83
- PROJECTION: SOUTH DAKOTA STATE PLANE COORDINATES SOUTH ZONE (4002)

VERTICAL DATUM:
- NAVD 88
- GEOID 03

BASIS OF BEARING: GEODETIC NORTH

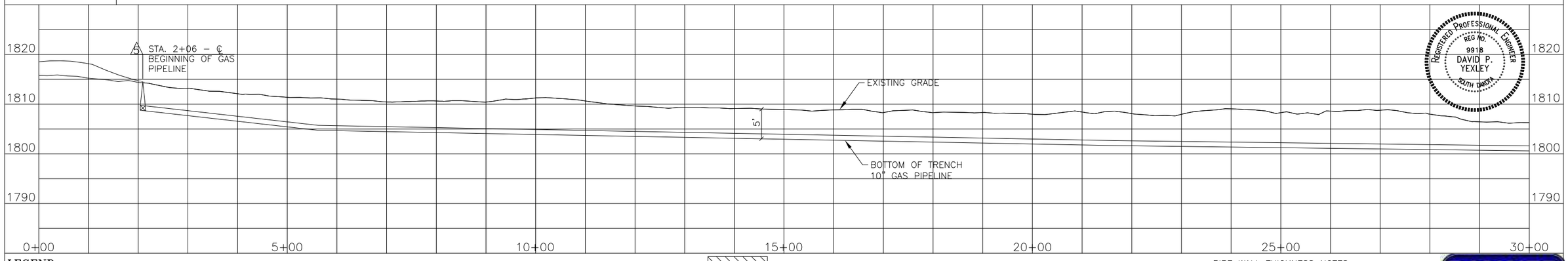
ALL DIMENSIONS SHOWN ARE IN TERMS OF U.S. SURVEY FEET

NOTES:
1. PIPELINE TO BE INSTALLED WITH A DEPTH OF COVER NOT LESS THAN 4 FT. UNLESS OTHERWISE NOTED.
2. SPECIAL WORKING CONDITIONS – WETLANDS STA. 3+82 TO STA. 4+03.
3. SPECIAL WORKING CONDITIONS – WETLANDS STA. 20+63 TO STA. 20+70.
4. SPECIAL WORKING CONDITIONS – WETLANDS STA. 28+10 TO STA. 30+37.

* COORDINATES ARE BASED OFF STATE PLAIN COORDINATE SYSTEM

CONSTRUCTION PLANS OF RECORD
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY OTHERS. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

VEGETATION	3+82 WETLAND	4+03	20+63 WETLAND	20+70	28+10 WETLAND	30+37 ROAD
CLASS LOCATION	CLASS I					



REGISTERED PROFESSIONAL ENGINEER
REG NO. 9918
DAVID P. YEXLEY
SOUTH DAKOTA

LEGEND

RIGHT OF WAY		OVERHEAD POWER	P
PROPOSED 10" GAS PIPELINE	–	TREE LINE	
EDGE OF PAVEMENT	EOG	UNDERGROUND WATER LINE	W
CENTERLINE OF ROAD		UNDERGROUND CABLE	C
FENCE LINE	x x	EXTRA WORK SPACE	EWS
SECTION LINE		TEMPORARY CONSTRUCTION LIMITS	
PROPERTY LINE	P/L	BUILDING	
		FLOW ARROW	

ACCESS EASEMENT

WETLAND

MATERIAL LEGEND	
ITEM NO.	DESCRIPTION
1	API5L PSL2, Gr. B, X52, 0.250" w.t., 14–18 mil FBE coated
2	API5L PSL2, Gr. B, X52, 0.279" w.t., 16–18 mil FBE w/ARO coating 30 mils

TEST STA. — TEST LEAD

PL MKR — PIPELINE MARKER

0 100' 200' 400'
SCALE IN FEET

PIPE WALL THICKNESS NOTES:
1. ALL LINE PIPE IS 0.250" w.t. PIPE.
2. ALL PIPE ON THE INTERCONNECT PROPERTY, PLANT PROPERTY AND BORES IS 0.279" w.t. PIPE. (EXCEPTION ON BORES B9 & B12, PIPE = 0.250" w.t. PIPE)
3. APPROXIMATELY 240' OF PIPE, 120' ON EITHER SIDE OF THE CENTER OF THE CRANE CROSSINGS IS 0.279" w.t. PIPE.

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www.bannerassociates.com
Designing Projects | Building Trust

REVISIONS		
No.	DATE	
1	11/17/10	LOCATION OF FACE OF FLANGE
2	11/17/10	REMOVED PROPOSED APPROACH
3	11/17/10	WIDENED PROPOSED APPROACH
4	11/17/10	ADDED, REMOVED, OR ADJUSTED PL MARKER
5	11/17/10	ADJUSTED PROFILE
6	11/17/10	ADDED GAS YARD COORDINATES
7	11/17/10	MOVED GAS LINE 10' EAST

BASIN ELECTRIC POWER COOPERATIVE
A Touchstone Energy® Cooperative

MONTANA-DAKOTA UTILITIES CO.
A Division of MDU Resources Group, Inc.

DEER CREEK STATION GAS PIPELINE

DEUEL & BROOKINGS COUNTY, SOUTH DAKOTA

DCS–CP–ONG–0002

DRAWN BY: AME	CHECK BY: SDR
SIGNED BY: DPY	
DATE: JANUARY 2011	ENGINEER
PLAN & PROFILE 0+00 TO 30+00	
DCS–001	