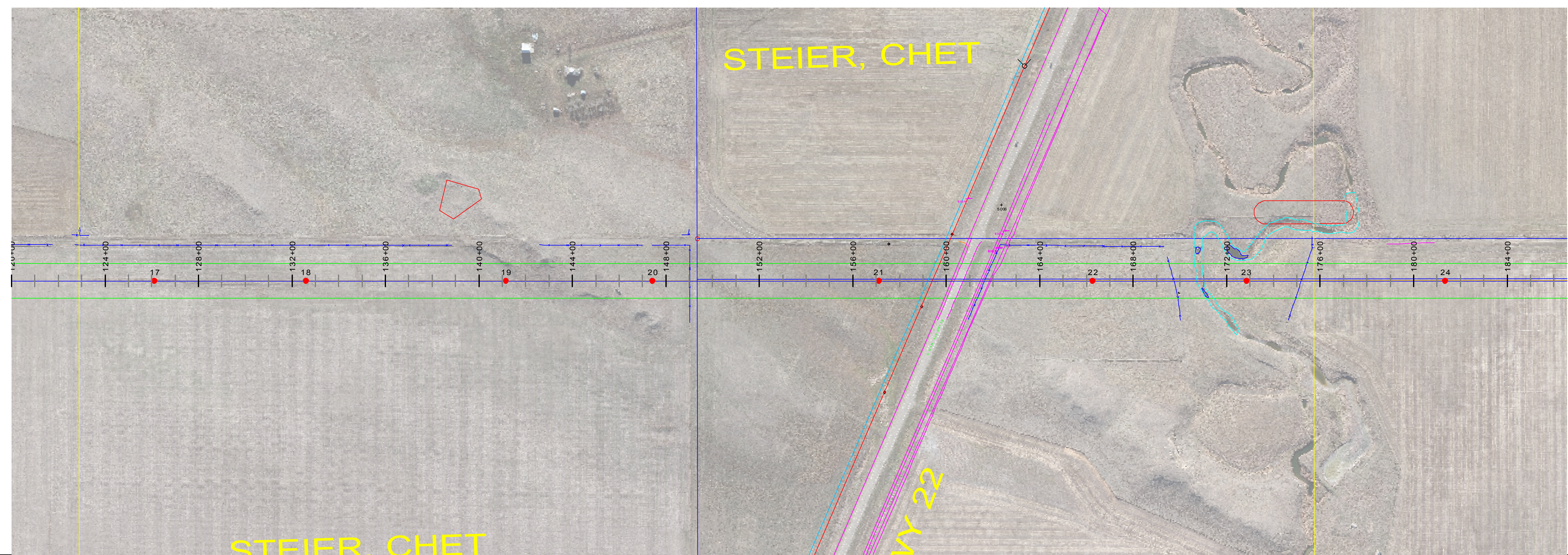




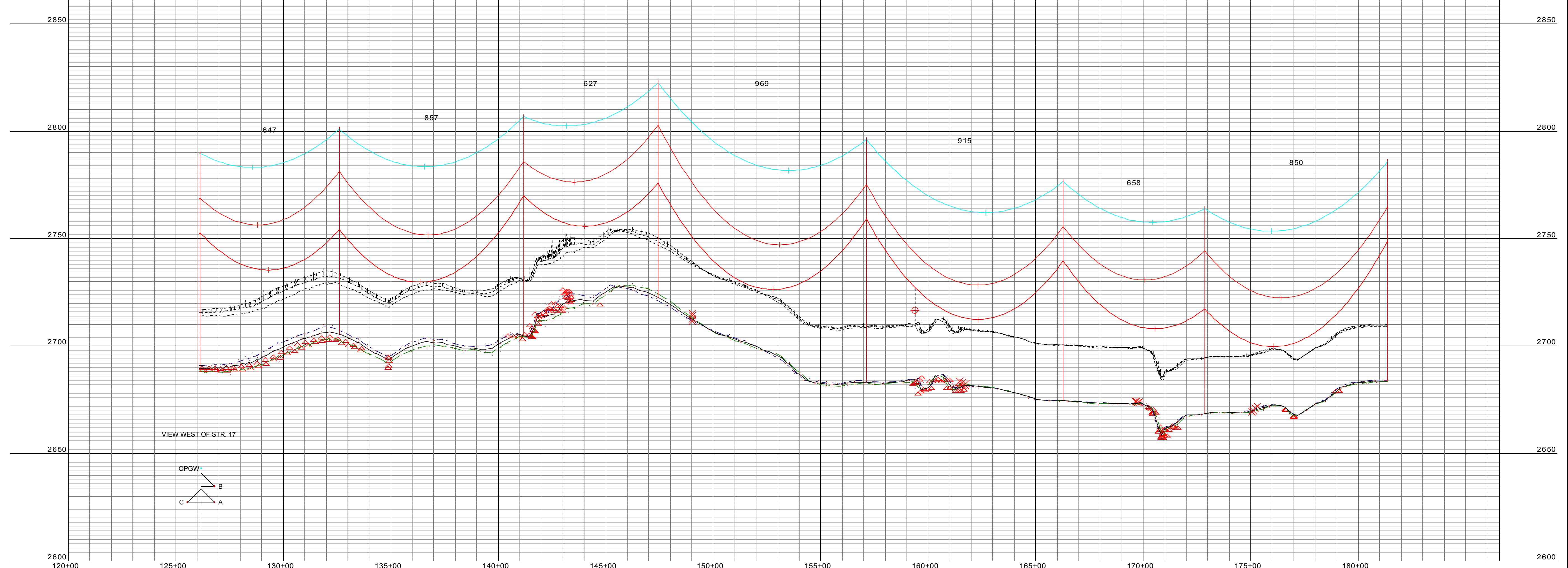
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REV	DESCRIPTION	DSN	CHK	DATE
0	ISSUED FOR CONSTRUCTION	BJA	SMA	05/06/16
1	RECORD DRAWING	BJA	PMG	01/09/17



17	TAN-H5-120 EMBED DEPTH=19.00 FT	18	TAN-SS-H5-115 EMBED DEPTH=18.50 FT	19	TAN-H4-125 EMBED DEPTH=22.00 FT	20	TAN-SS-H5-120 EMBED DEPTH=19.00 FT	21	TAN-H7-135 EMBED DEPTH=21.00 FT	22	TAN-H5-125 EMBED DEPTH=22.00 FT	23	TAN-SS-H5-115 EMBED DEPTH=18.50 FT	24	TAN-H5-125 EMBED DEPTH=22.00 FT
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6 - 47, 0KV, OPGW DESIGN SFPOC/SFS-I-J-4388R2, RULING SPAN 835 (FT), TENSION 2118 (LBS) AT 60 (DEG F) INITIAL
 6 - 47, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 835 (FT), TENSION 6649 (LBS) AT 60 (DEG F) INITIAL

SCALE VERIFICATION
 THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING
 0 1"
 IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
 25.0 FT. VERT. SCALE
 ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS
 STRUCTURES 17 TO 24



RECORD DRAWING	
PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

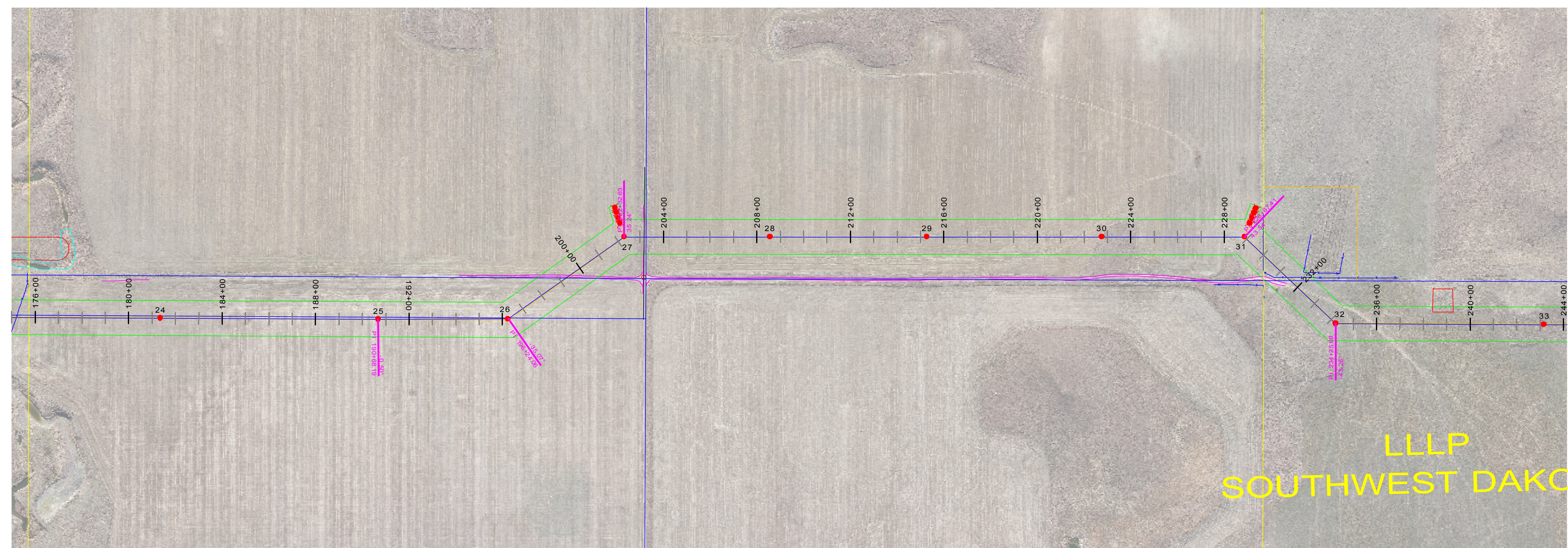
P.100



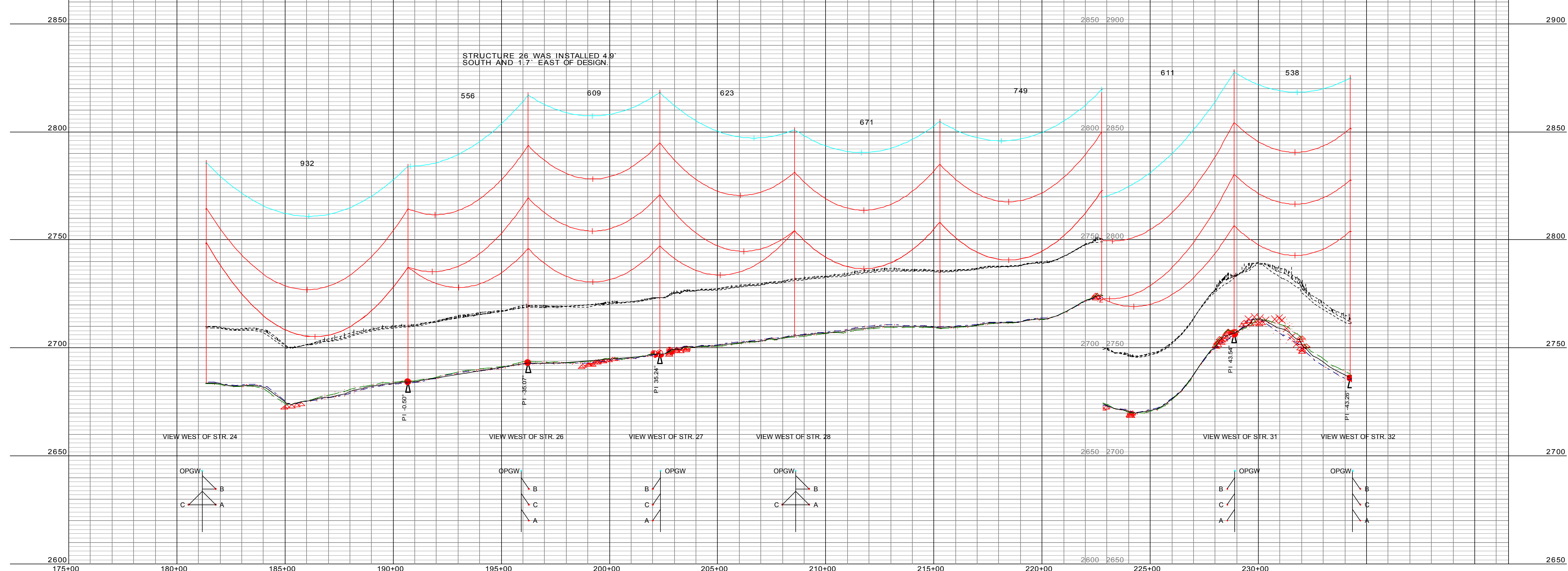
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REV	DESCRIPTION	DSN DWN	CHK APP	DATE
0	ISSUED FOR CONSTRUCTION	BJA	SMA PMG	05/06/16
1	RECORD DRAWING	BJA BJA	SMA PMG	01/09/17



24 TAN-H5-125 EMBED DEPTH=22.00 FT 25 TAN-SS-H5-120 EMBED DEPTH=19.00 FT 26 125 FT SS-MED A
 27 MA-GUY-140 EMBED DEPTH=18.00 FT 28 TAN-SS-H5-115 OPGW SPLICE EMBED DEPTH=18.50 FT 29 TAN-SS-H5-115 OPGW SPLICE EMBED DEPTH=18.50 FT
 30 TAN-SS-H5-115 EMBED DEPTH=18.50 FT 31 MA-GUY-140 EMBED DEPTH=18.00 FT 32 140 FT SS-MED A OPGW SPLICE 1-11205



VIEW WEST OF STR. 24

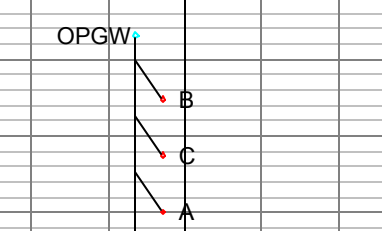
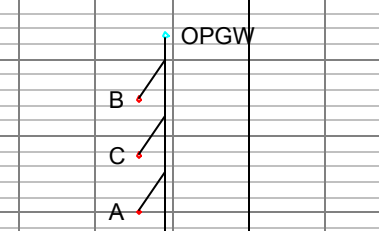
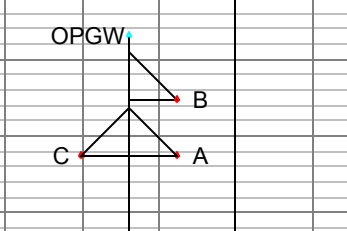
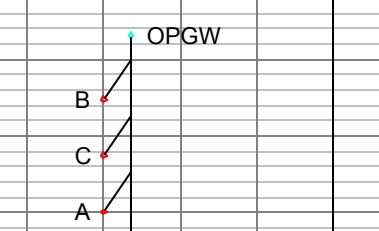
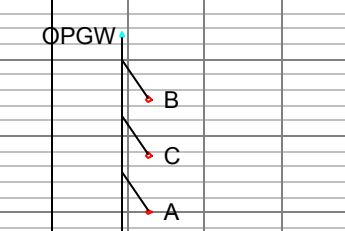
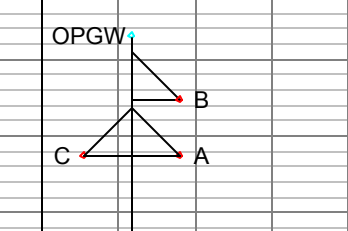
VIEW WEST OF STR. 26

VIEW WEST OF STR. 27

VIEW WEST OF STR. 28

VIEW WEST OF STR. 31

VIEW WEST OF STR. 32



6 - 47, 0KV, OPGW DESIGN SFPOC/SFS-I-J-4388R2, RULING SPAN 835 (FT), TENSION 2118 (LBS) AT 60 (DEG F) INITIAL
 6 - 47, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 835 (FT), TENSION 6649 (LBS) AT 60 (DEG F) INITIAL

SCALE VERIFICATION
 THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING
 0 1"
 IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
 25.0 FT. VERT. SCALE
 ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS STRUCTURES 24 TO 32

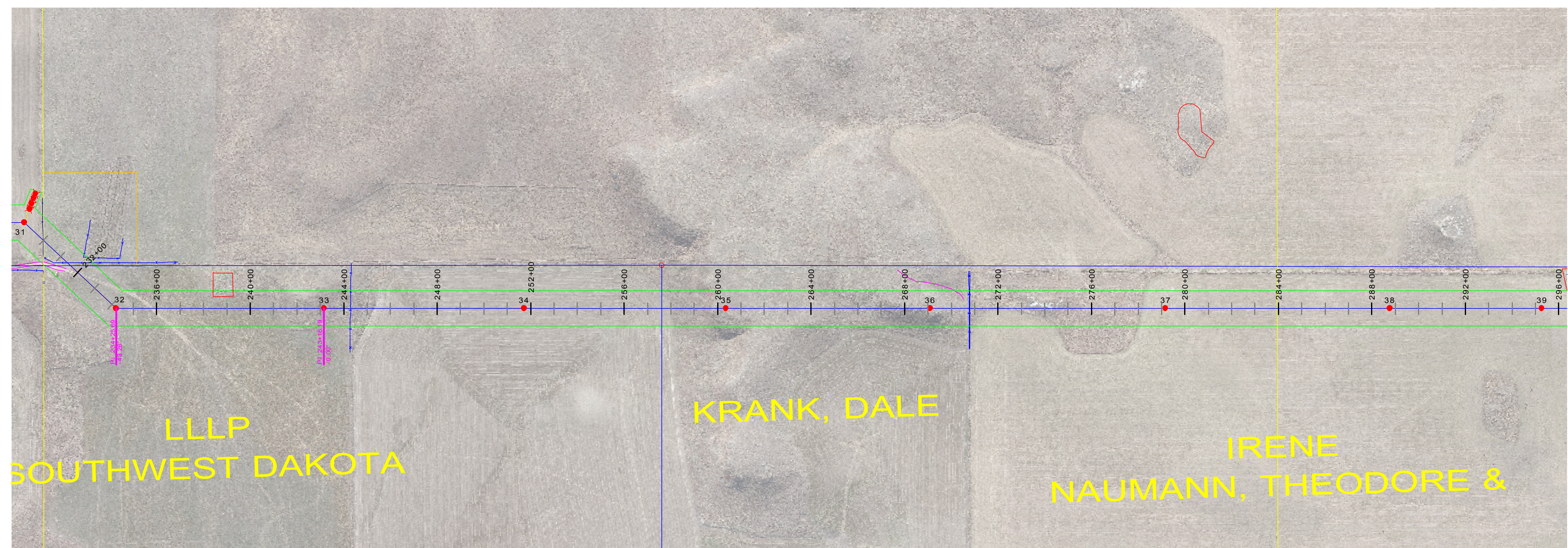
BRADY TO DAGLUM TRANSMISSION LINE



RECORD DRAWING

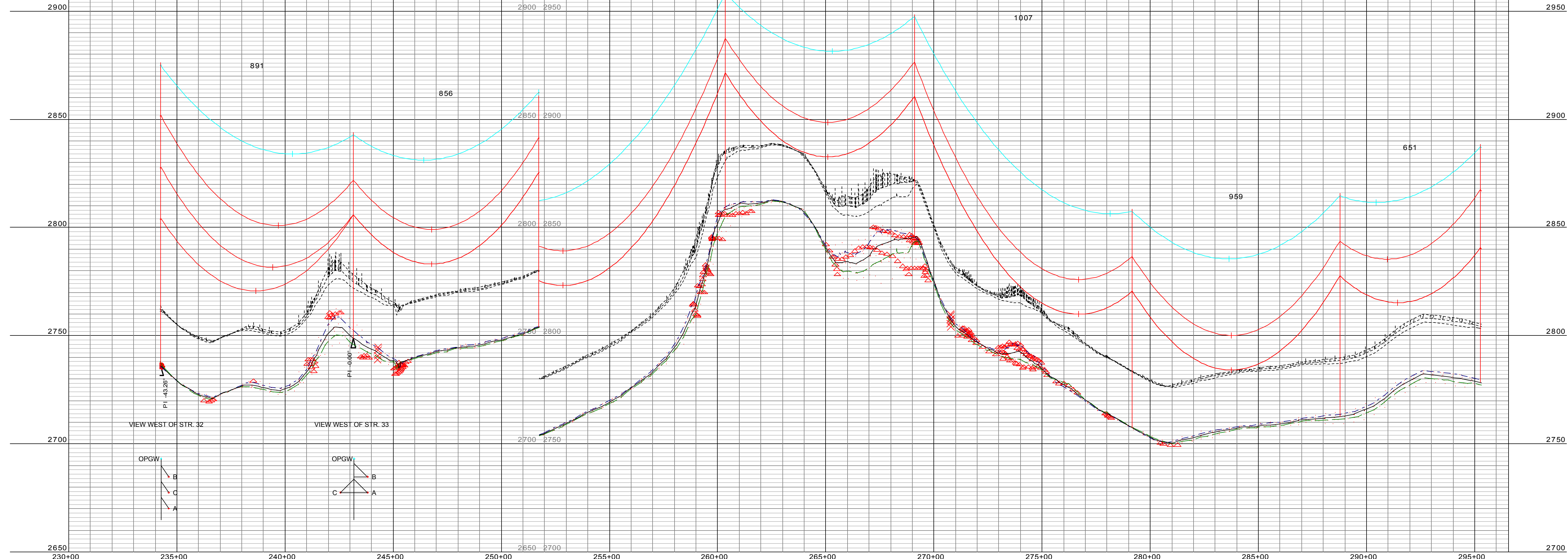
PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

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REVISIONS				
REV	DESCRIPTION	DSN DWN	CHK APP	DATE
0	ISSUED FOR CONSTRUCTION	BJA	SMA	05/06/16
1	RECORD DRAWING	BJA	SMA	01/09/17

32 140 FT SS-MED A OPGW SPLICE 1-1, 205	33 TAN-H5-115 EMBED DEPTH=20.00 FT	34 TAN-H5-130 EMBED DEPTH=20.50 FT	35 TAN-H5-120 EMBED DEPTH=19.00 FT	36 TAN-H7-125 EMBED DEPTH=22.00 FT	37 TAN-H5-120 EMBED DEPTH=19.00 FT	38 TAN-H4-125 EMBED DEPTH=22.00 FT	39 TAN-SS-H5-180 EMBED DEPTH=20.00
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6 - 47, 0KV, OPGW DESIGN SFPOC/SFS-I-J-4388R2, RULING SPAN 835 (FT), TENSION 2118 (LBS) AT 60 (DEG F) INITIAL
 6 - 47, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 835 (FT), TENSION 6649 (LBS) AT 60 (DEG F) INITIAL

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
 25.0 FT. VERT. SCALE
 ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS
STRUCTURES 32 TO 39

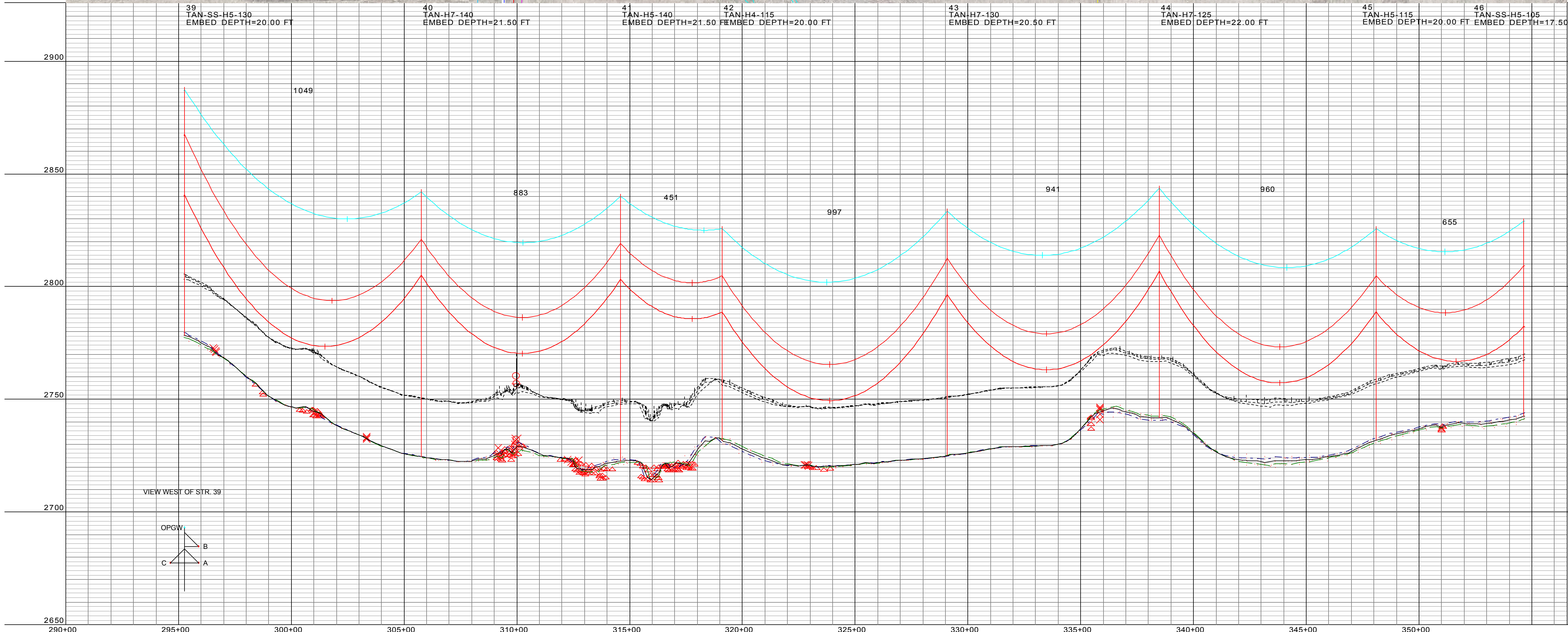
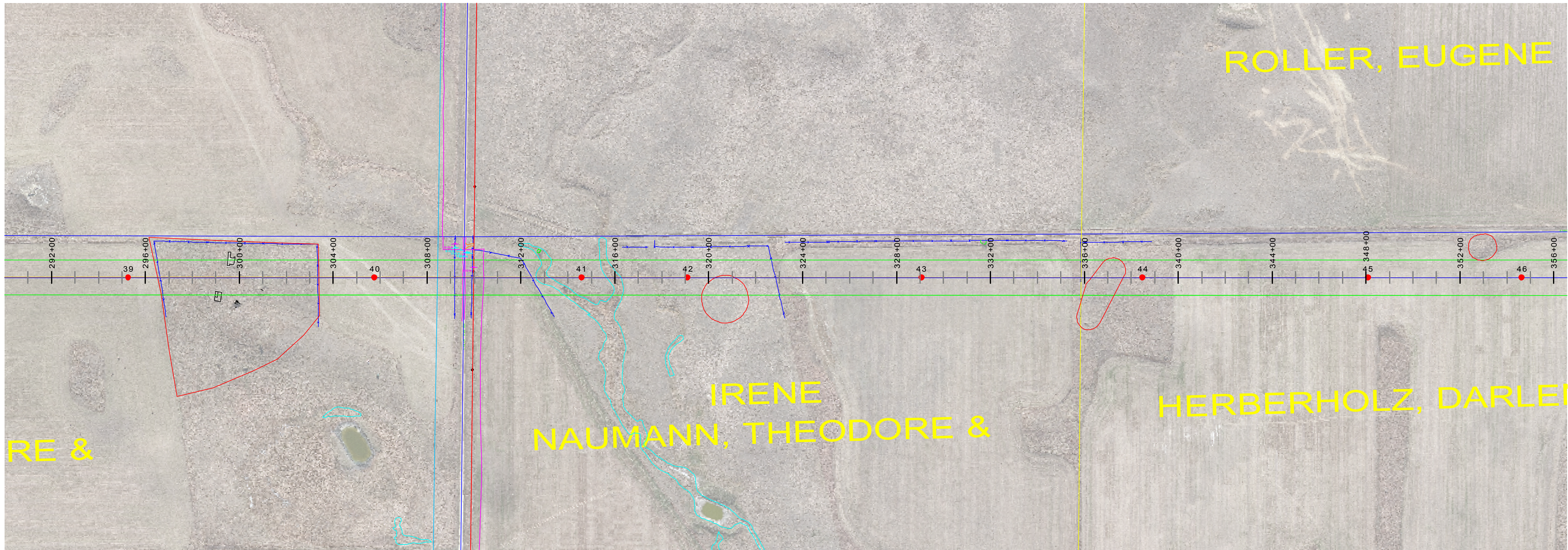
BRADY TO DAGLUM TRANSMISSION LINE



RECORD DRAWING

PROJECT NO.	20153924
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CURRENT REVISION	1
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CHECKED BY	SMA
APPROVED BY	PMG

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6 - 47, 0KV, OPGW DESIGN SFPOC/SFS-I-J-4388R2, RULING SPAN 835 (FT), TENSION 2118 (LBS) AT 60 (DEG F) INITIAL
 6 - 47, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 835 (FT), TENSION 6649 (LBS) AT 60 (DEG F) INITIAL

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1	RECORD DRAWING	BJA	PMG	01/09/17
		BJA	SMA	
		BJA	PMG	

SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
 25.0 FT. VERT. SCALE
 ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS
 STRUCTURES 39 TO 46

BRADY TO DAGLUM TRANSMISSION LINE



RECORD DRAWING

PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

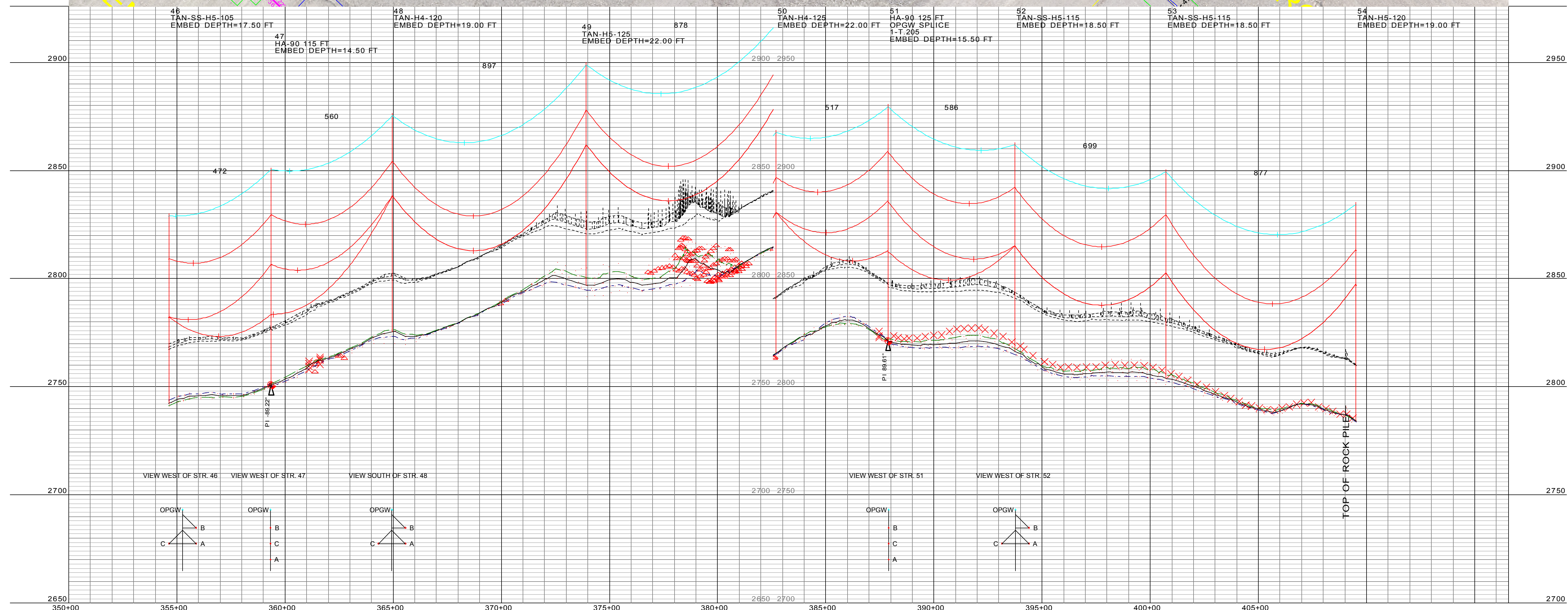
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0	ISSUED FOR CONSTRUCTION	BJA	SMA	05/06/16
1	RECORD DRAWING	BJA	SMA	01/09/17



SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
25.0 FT. VERT. SCALE
ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS STRUCTURES 46 TO 54

BRADY TO DAGLUM TRANSMISSION LINE



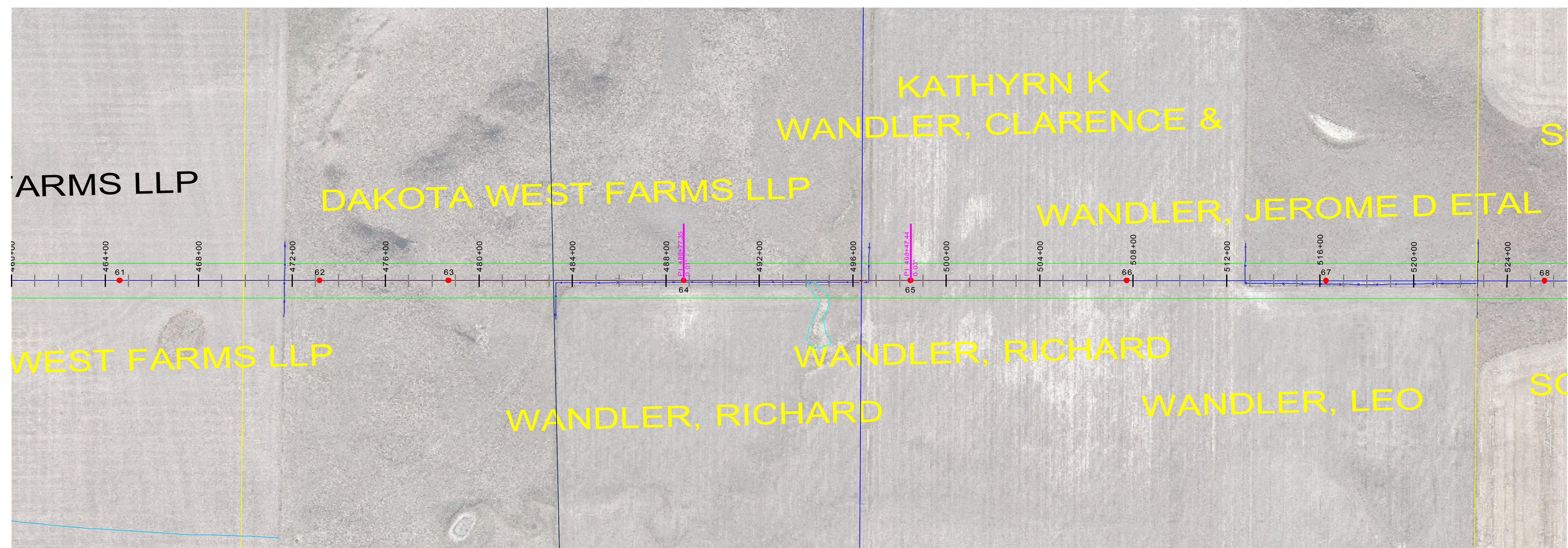
6 - 47, 0KV, OPGW DESIGN SFPOC/SFS-J-4388R2, RULING SPAN 835 (FT), TENSION 2118 (LBS) AT 60 (DEG F) INITIAL
 6 - 47, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 835 (FT), TENSION 6649 (LBS) AT 60 (DEG F) INITIAL
 47 - 51, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 774 (FT), TENSION 6693 (LBS) AT 60 (DEG F) INITIAL
 47 - 51, 0KV, OPGW DESIGN SFPOC/SFS-J-4388R2, RULING SPAN 774 (FT), TENSION 2118 (LBS) AT 60 (DEG F) INITIAL
 51 - 103, 0KV, OPGW DESIGN SFPOC/SFS-J-4388R2, RULING SPAN 846 (FT), TENSION 2165 (LBS) AT 60 (DEG F) INITIAL
 51 - 103, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 846 (FT), TENSION 6847 (LBS) AT 60 (DEG F) INITIAL

RECORD DRAWING	
PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

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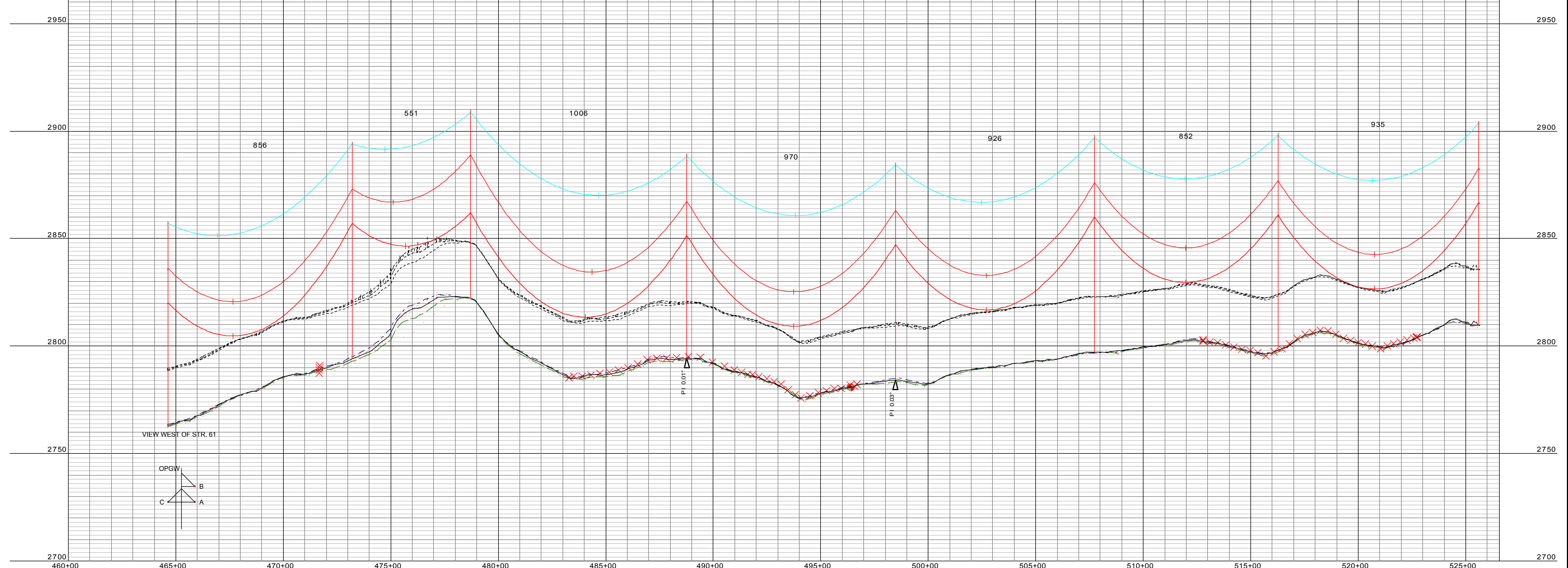


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0	ISSUED FOR CONSTRUCTION	BJA	SMA	05/06/16
1	RECORD DRAWING	BJA	PMG	01/09/17
		BJA	SMA	
		BJA	PMG	

61 TAN-H5-115 EMBED DEPTH=20.00 FT	62 TAN-H4-120 EMBED DEPTH=19.00 FT	63 TAN-SS-H5-105 EMBED DEPTH=17.50 FT	64 TAN-H5-115 EMBED DEPTH=20.00 FT	65 TAN-H5-120 EMBED DEPTH=19.00 FT	66 TAN-H5-120 EMBED DEPTH=19.00 FT	67 TAN-H5-120 EMBED DEPTH=19.00 FT	68 TAN-H5-115 EMBED DEPTH=20.00 FT
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SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
25.0 FT. VERT. SCALE
ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS STRUCTURES 61 TO 68

BRADY TO DAGLUM TRANSMISSION LINE

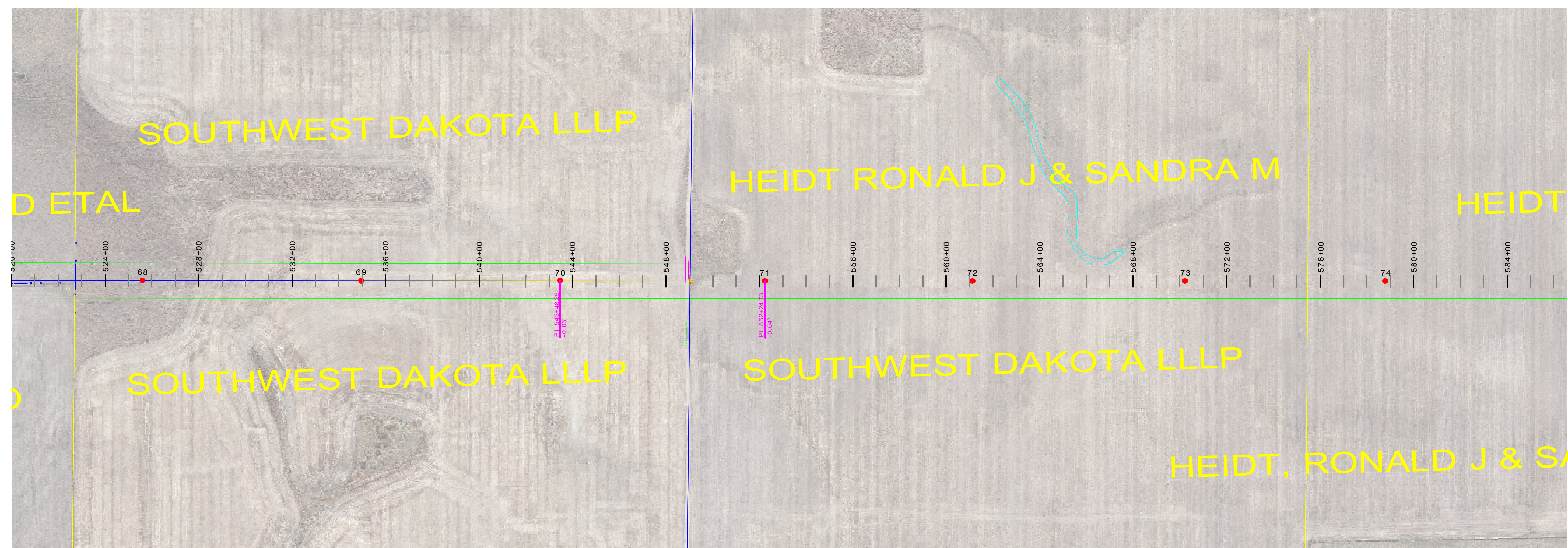


RECORD DRAWING

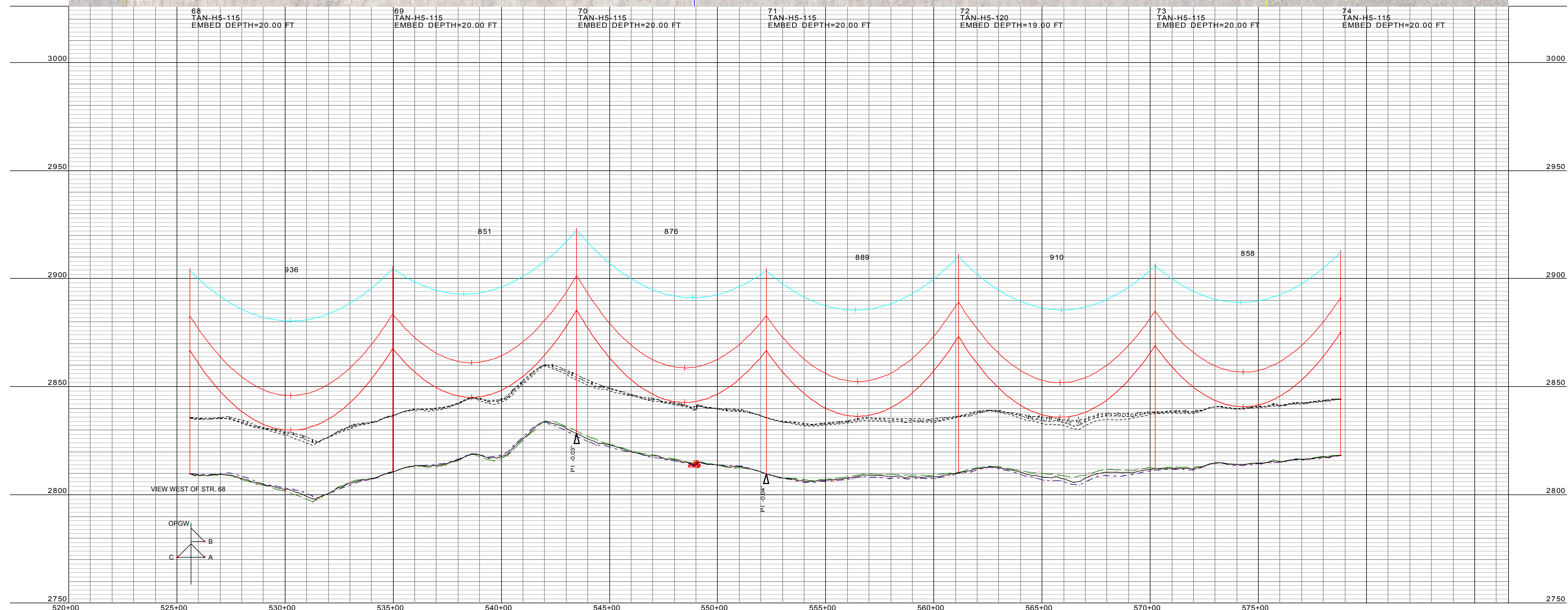
51 - 103, 0KV, OPGW DESIGN SFPOC/SFS-I-J-4388R2, RULING SPAN 846 (FT), TENSION 2166 (LBS) AT 60 (DEG F) INITIAL
51 - 103, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 846 (FT), TENSION 6847 (LBS) AT 60 (DEG F) INITIAL

PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

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0	ISSUED FOR CONSTRUCTION	BJA	SMA	05/06/16
1	RECORD DRAWING	BJA	PMG	01/09/17
		BJA	SMA	
		BJA	PMG	



SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
25.0 FT. VERT. SCALE
ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS
STRUCTURES 68 TO 74

BRADY TO DAGLUM TRANSMISSION LINE



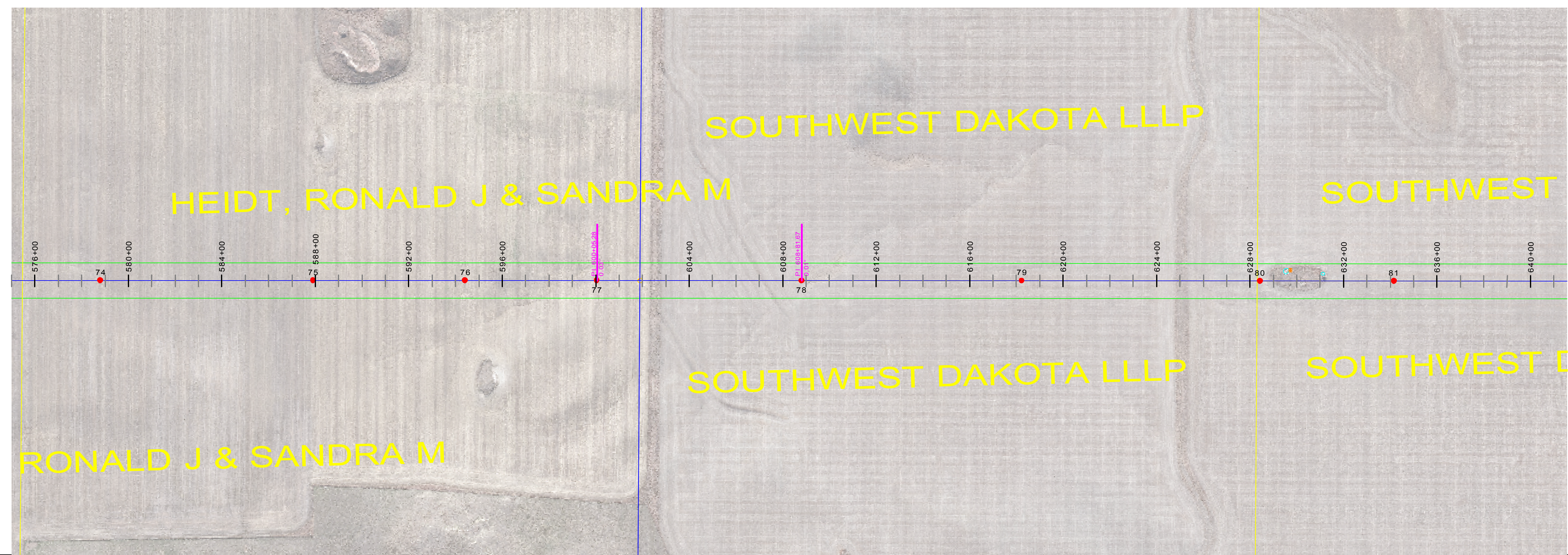
51 - 103, 0KV, OPGW DESIGN SFPOC/SFS-I-J-4388R2, RULING SPAN 846 (FT), TENSION 2166 (LBS) AT 60 (DEG F) INITIAL
51 - 103, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 846 (FT), TENSION 6847 (LBS) AT 60 (DEG F) INITIAL

RECORD DRAWING	
PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

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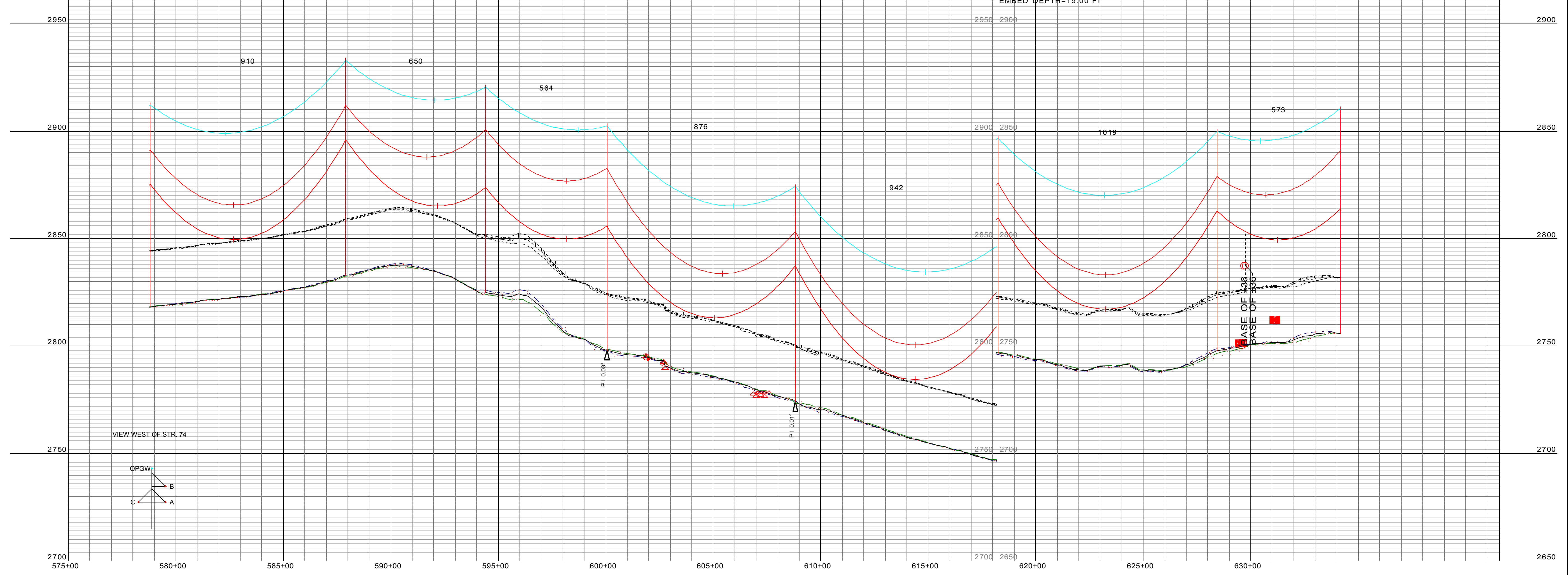


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0	ISSUED FOR CONSTRUCTION	BJA	SMA	05/06/16
		BJA	PMG	
1	RECORD DRAWING	BJA	SMA	01/09/17
		BJA	PMG	

74 TAN-H5-115 EMBED DEPTH=20.00 FT	75 TAN-H5-120 EMBED DEPTH=19.00 FT	76 TAN-SS-H5-115 EMBED DEPTH=18.50 FT	77 TAN-SS-H5-125 EMBED DEPTH=19.50 FT	78 TAN-H5-120 EMBED DEPTH=19.00 FT	79 TAN-H5-120 OPGW SPLICE 1-T, 205 EMBED DEPTH=19.00 FT	80 TAN-H4-125 EMBED DEPTH=22.00 FT	81 TAN-SS-H5-125 EMBED DEPTH=19.50 FT
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SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
25.0 FT. VERT. SCALE
ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS STRUCTURES 74 TO 81

BRADY TO DAGLUM TRANSMISSION LINE



RECORD DRAWING

PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

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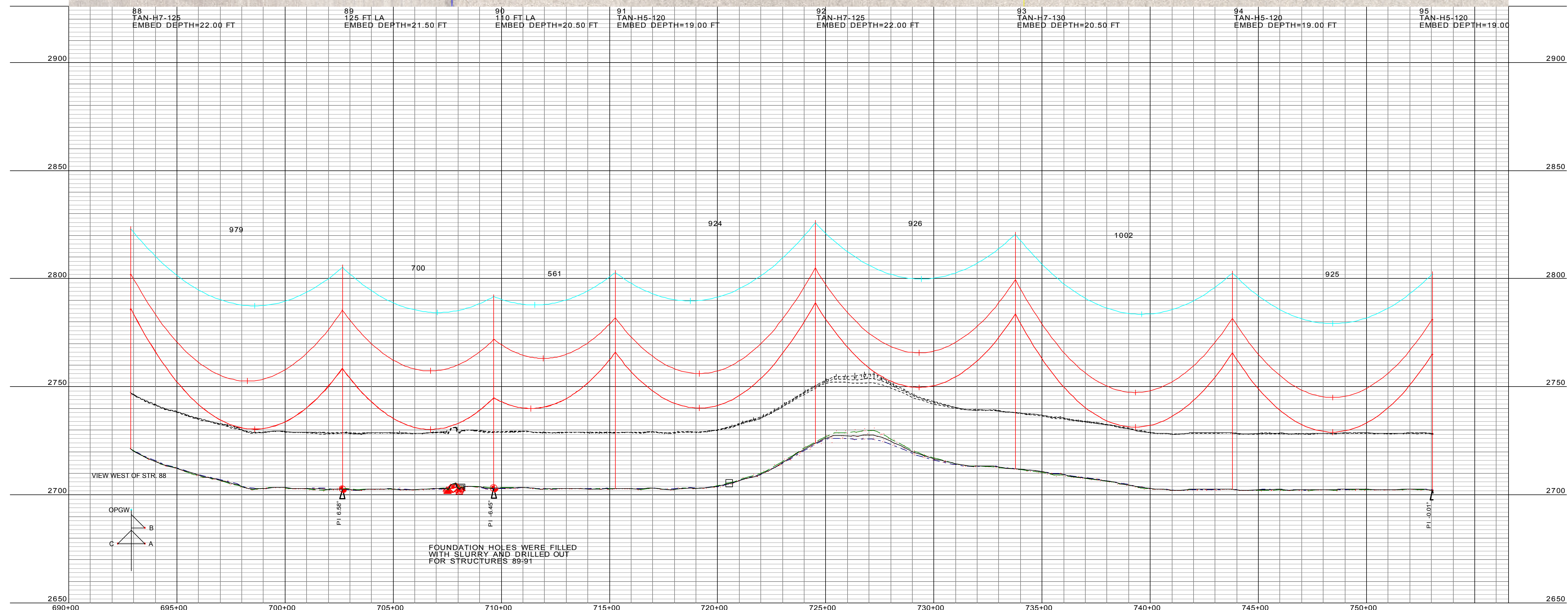
51 - 103, 0KV, OPGW DESIGN SFPOC/SFS-I, J-4388R2, RULING SPAN 846 (FT), TENSION 2166 (LBS) AT 60 (DEG F) INITIAL
 51 - 103, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 846 (FT), TENSION 6847 (LBS) AT 60 (DEG F) INITIAL



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1	RECORD DRAWING	BJA	SMA	01/09/17



SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH OF ORIGINAL DRAWING

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

250.0 FT. HORIZ. SCALE
25.0 FT. VERT. SCALE
ORIGINAL DRAWING SIZE IS 24 X 36

PLAN AND PROFILE DRAWINGS
STRUCTURES 88 TO 95

BRADY TO DAGLUM TRANSMISSION LINE



RECORD DRAWING

PROJECT NO.	20153924
ISSUE DATE	01/09/17
CURRENT REVISION	1
DESIGNED BY	BJA
DRAWN BY	BJA
CHECKED BY	SMA
APPROVED BY	PMG

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51 - 103, 0KV, OPGW DESIGN SFPOC/SFS-I-J-4388R2, RULING SPAN 846 (FT), TENSION 2166 (LBS) AT 60 (DEG F) INITIAL
51 - 103, 230KV, 1272 KCMIL 45/7 STRANDS BITTERN ACSR, RULING SPAN 846 (FT), TENSION 6847 (LBS) AT 60 (DEG F) INITIAL

