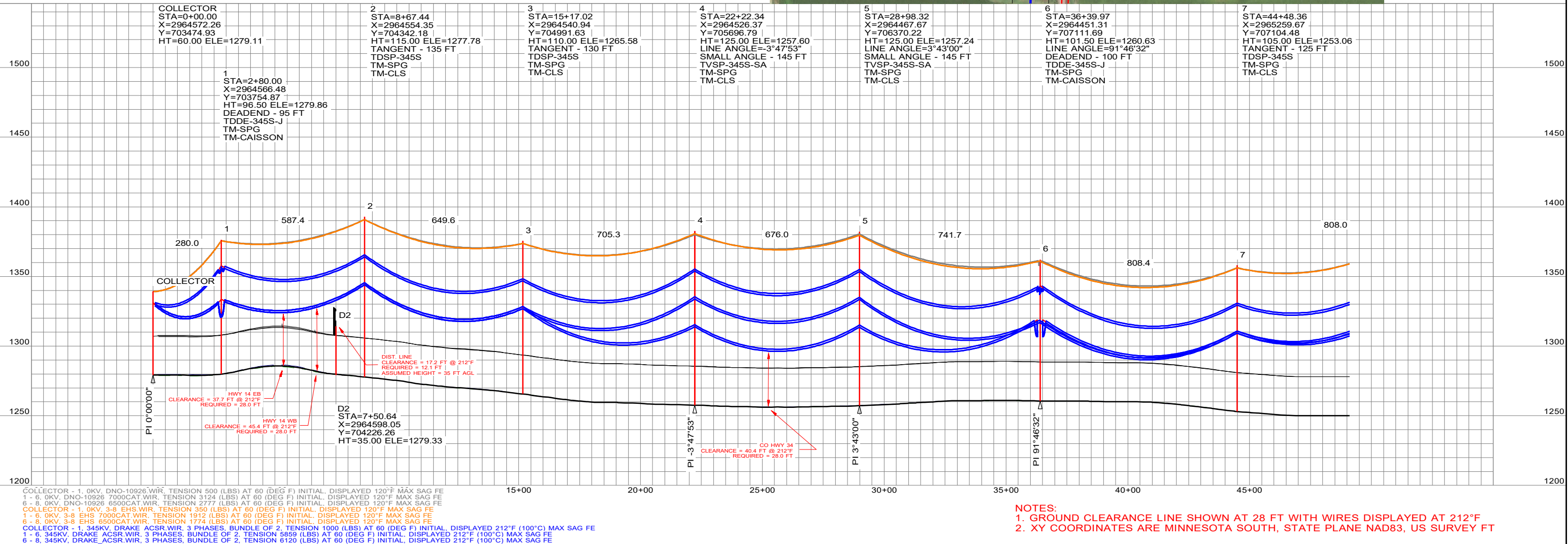
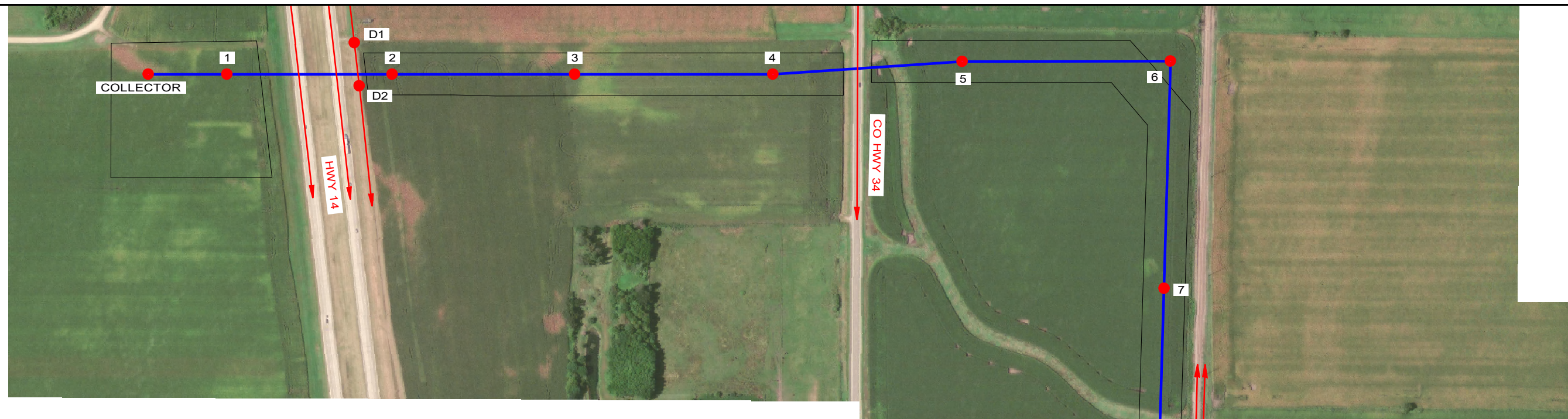
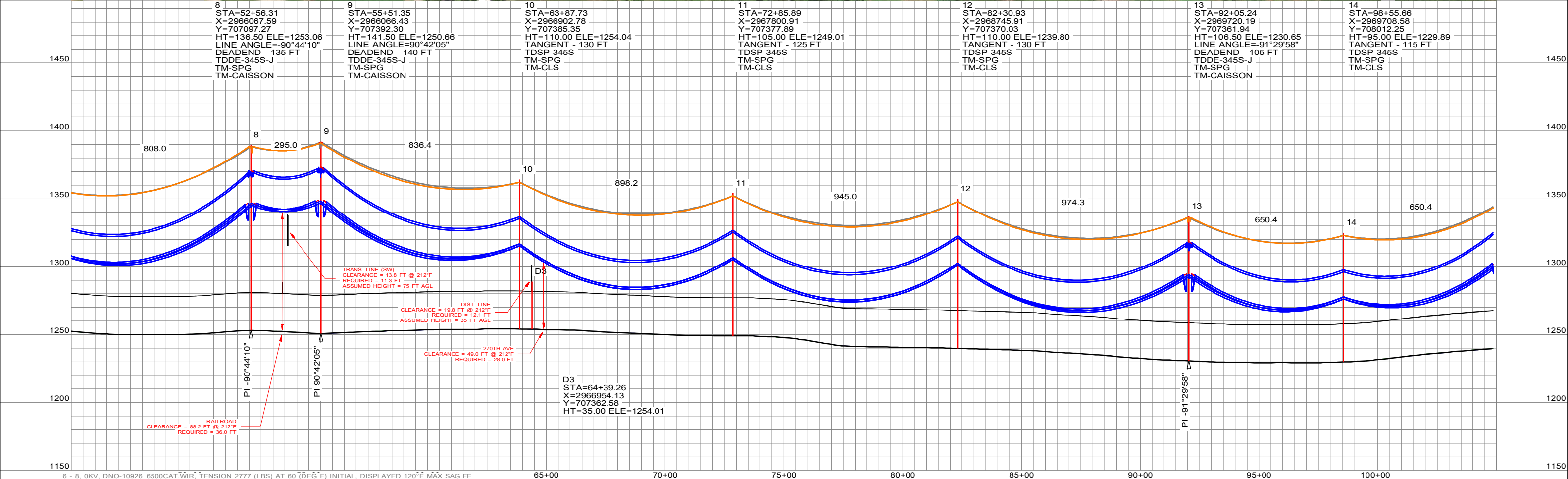
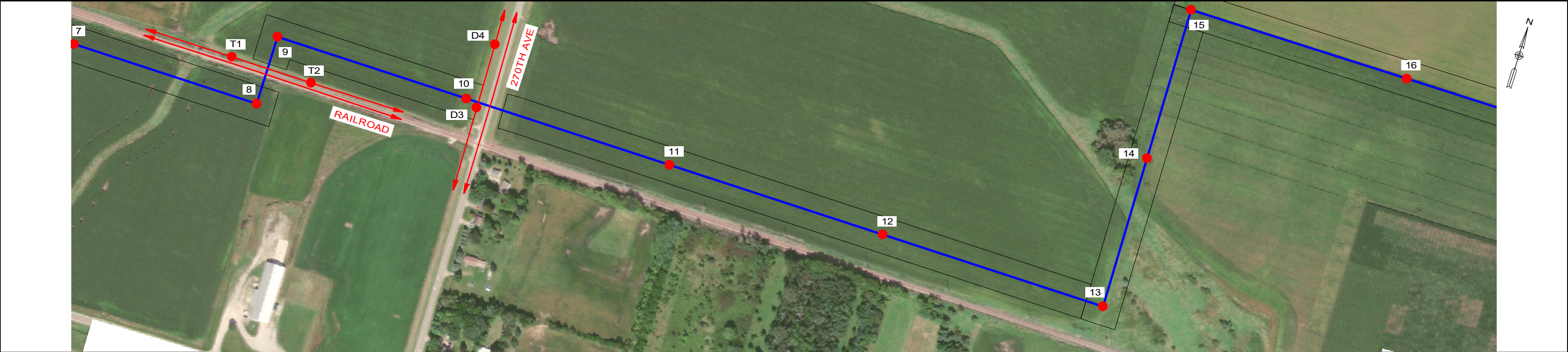






6 - 8, 0KV, DNO-10926 6500CAT.WIR, TENSION 2777 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
8 - 9, 0KV, DNO-10926 3500CAT.WIR, TENSION 1608 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
9 - 13, 0KV, DNO-10926 7000CAT.WIR, TENSION 2970 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
13 - 15, 0KV, DNO-10926 6000CAT.WIR, TENSION 2622 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
6 - 8, 0KV, 3-8 EHS 6500CAT.WIR, TENSION 1774 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
8 - 9, 0KV, 3-8 EHS 3500CAT.WIR, TENSION 954 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
9 - 13, 0KV, 3-8 EHS 7000CAT.WIR, TENSION 1912 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
13 - 15, 0KV, 3-8 EHS 6000CAT.WIR, TENSION 1637 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 120°F MAX SAG FE
6 - 8, 345KV, DRAKE ACSR.WIR, 3 PHASES, BUNDLE OF 2, TENSION 6120 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 212°F (100°C) MAX SAG FE
8 - 9, 345KV, DRAKE ACSR.WIR, 3 PHASES, BUNDLE OF 2, TENSION 3000 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 212°F (100°C) MAX SAG FE
9 - 13, 345KV, DRAKE ACSR.WIR, 3 PHASES, BUNDLE OF 2, TENSION 6229 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 212°F (100°C) MAX SAG FE
13 - 15, 345KV, DRAKE ACSR.WIR, 3 PHASES, BUNDLE OF 2, TENSION 5853 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED 212°F (100°C) MAX SAG FE

- NOTES:
1. GROUND CLEARANCE LINE SHOWN AT 28 FT WITH WIRES DISPLAYED AT 212°F
2. XY COORDINATES ARE MINNESOTA SOUTH, STATE PLANE NAD83, US SURVEY FT

"ENGINEERING WITH DISTINCTION"

TECI ELECTRICAL CONSULTANTS, INC.
BILLINGS, MONTANA

A	ISSUED FOR PRELIMINARY DESIGN	03/26/21	KCJ	DCE
NO	REVISION	DATE	BY	APR



ENGINEERING RECORD		DATE
DRAWN	K. JOHNSON	03/26/21
DESIGNED	K. JOHNSON	03/26/21
CHECKED	D. EVANS	03/26/21
APPROVED		
VERT. SCALE: 1" = 70'		HORZ. SCALE: 1" = 400'

BYRON SOLAR 345 KV TRANSMISSION LINE
PLAN AND PROFILE
STA 45+00 TO STA 104+87

BYS-B-T004-02

REVISION NO : A

BYS-B-T004-03	REVISION NO : A
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