40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_1
COPPER STRING 2
STA = 99148
X=437905.93
Y=7705679.82
HT=43.90 ELE=222.96
LINE ANGLE=8.9073°

DJR_MIS_2
COPPER STRING 2
STA = 98770
X=437631.04
Y=7705420.83
HT=46.90 ELE=242.31
LINE ANGLE=47.0961°

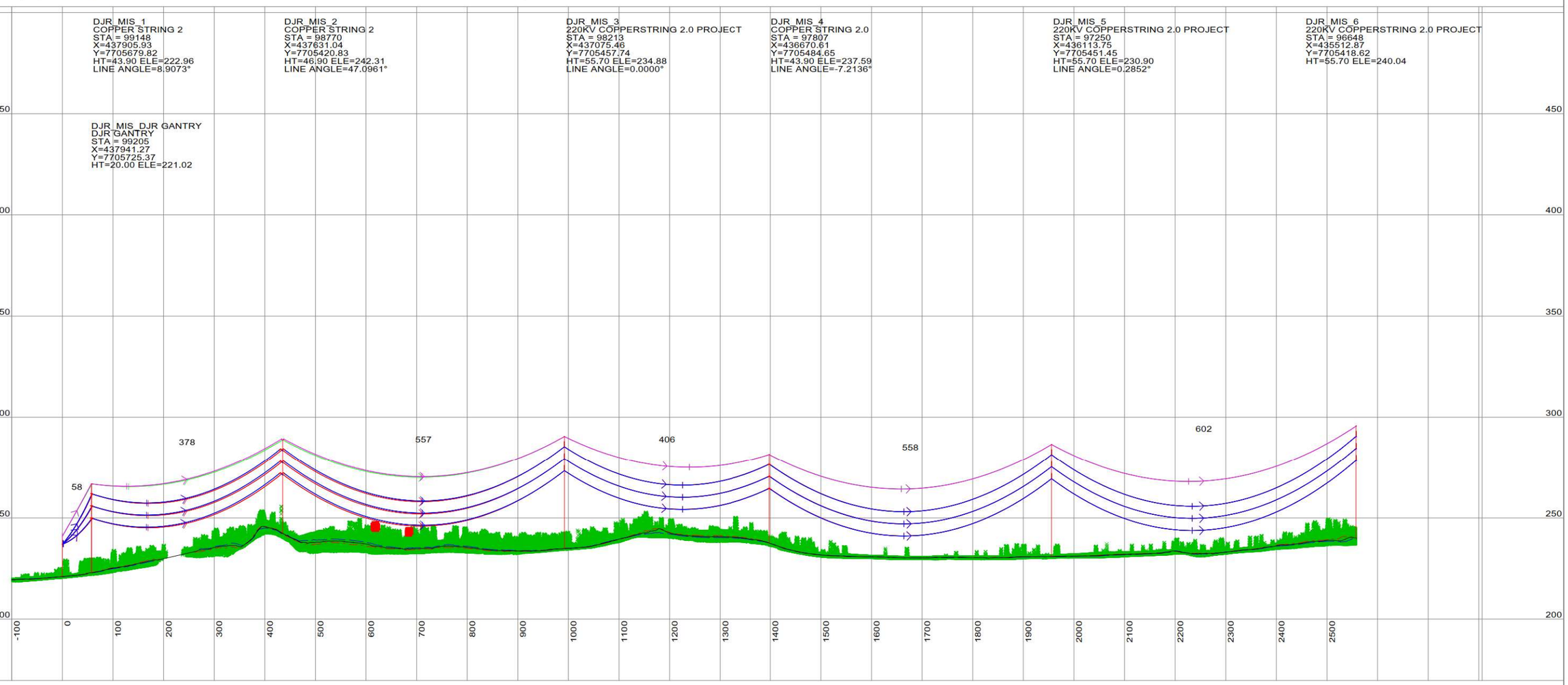
DJR_MIS_3
220KV COPPERSTRING 2.0 PROJECT
STA = 98213
X=437075.46
Y=7705457.74
HT=55.70 ELE=234.88
LINE ANGLE=0.0000°

DJR_MIS_4
COPPER STRING 2.0
STA = 97807
X=436670.61
Y=7705484.65
HT=43.90 ELE=237.59
LINE ANGLE=-7.2136°

DJR_MIS_5
220KV COPPERSTRING 2.0 PROJECT
STA = 97250
X=436113.75
Y=7705451.45
HT=55.70 ELE=230.90
LINE ANGLE=0.2852°

DJR_MIS_6
220KV COPPERSTRING 2.0 PROJECT
STA = 96648
X=435512.87
Y=7705418.62
HT=55.70 ELE=240.04

DJR_MIS_DJR GANTRY
DJR GANTRY
STA = 99205
X=437941.27
Y=7705725.37
HT=20.00 ELE=221.02



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A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-01 | SHEET 1 | AMDT A

UGL
COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 1 OF 39

CONFIRM SCALE 100mm ON A1 ORIGINAL

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_6
220KV COPPERSTRING 2.0 PROJECT
STA = 96648
X=435512.87
Y=7705418.62
HT=55.70 ELE=240.04

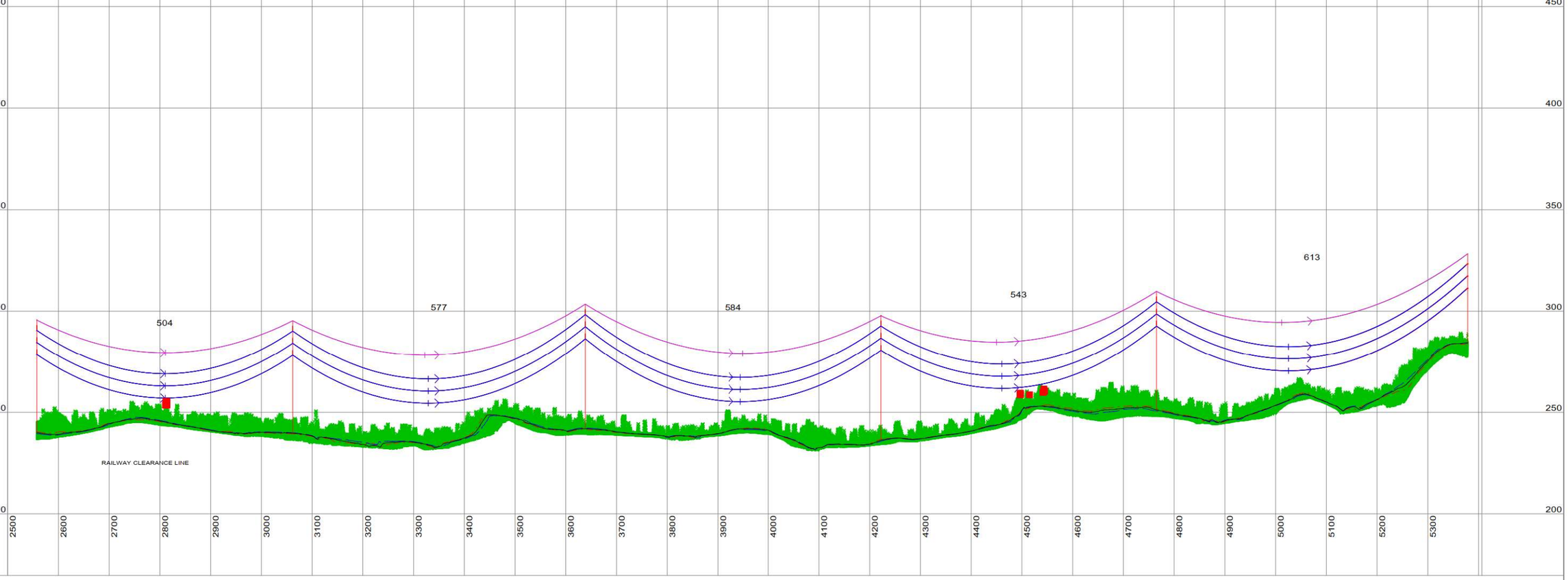
DJR_MIS_7
220KV COPPERSTRING 2.0 PROJECT
STA = 96143
X=435009.32
Y=7705391.12
HT=55.70 ELE=239.71

DJR_MIS_8
220KV COPPERSTRING 2.0 PROJECT
STA = 95567
X=434433.56
Y=7705359.67
HT=61.70 ELE=241.89

DJR_MIS_9
220KV COPPERSTRING 2.0 PROJECT
STA = 94983
X=433850.85
Y=7705327.84
HT=61.70 ELE=236.20

DJR_MIS_10
220KV COPPERSTRING 2.0 PROJECT
STA = 94440
X=433308.43
Y=7705298.21
HT=58.70 ELE=251.17

DJR_MIS_11
COPPER STRING 2.0
STA = 93827
X=432695.94
Y=7705264.75
HT=43.90 ELE=284.42
LINE ANGLE=6.8861°



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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 2 OF 39

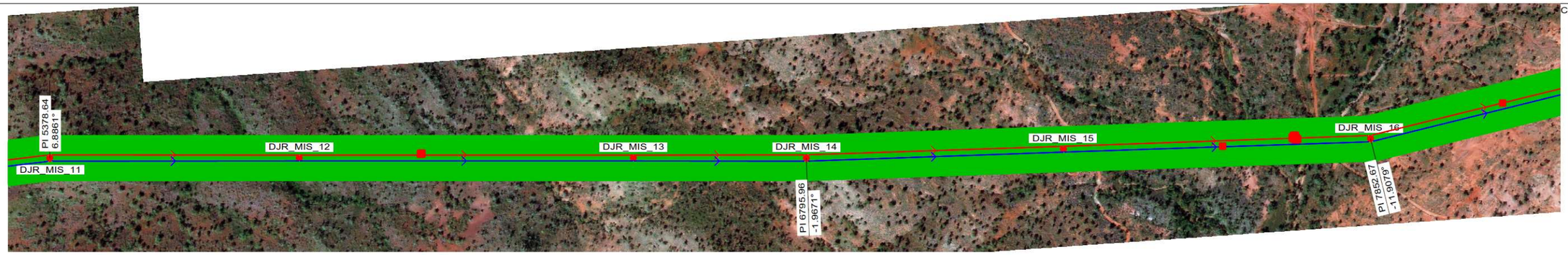
CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-02

SHEET: 2

AMDT: A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_11
COPPER STRING 2.0
STA = 93827
X=432695.94
Y=7705264.75
HT=43.90 ELE=284.42
LINE ANGLE=6.8861°

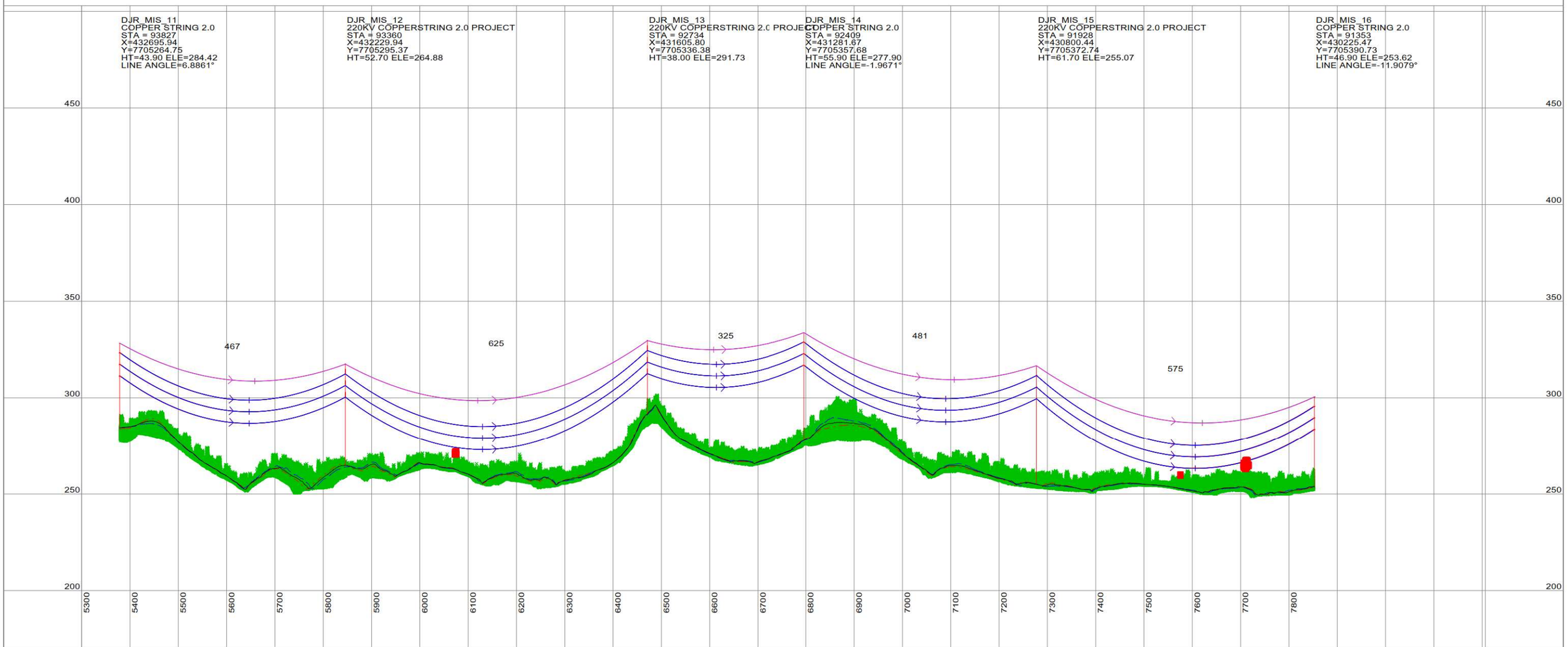
DJR_MIS_12
220KV COPPERSTRING 2.0 PROJECT
STA = 93360
X=432229.94
Y=7705295.37
HT=52.70 ELE=264.88

DJR_MIS_13
220KV COPPERSTRING 2.0 PROJECT
STA = 92734
X=431605.80
Y=7705336.38
HT=38.00 ELE=291.73

DJR_MIS_14
COPPER STRING 2.0
STA = 92409
X=431281.67
Y=7705357.68
HT=55.90 ELE=277.90
LINE ANGLE=-1.9671°

DJR_MIS_15
220KV COPPERSTRING 2.0 PROJECT
STA = 91928
X=430800.44
Y=7705372.74
HT=61.70 ELE=255.07

DJR_MIS_16
COPPER STRING 2.0
STA = 91353
X=430225.47
Y=7705390.73
HT=46.90 ELE=253.62
LINE ANGLE=-11.9079°



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A1

SCALE@A1 AS SHOWN

UGL

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220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 3 OF 39

CLIENT COPPERSTRING

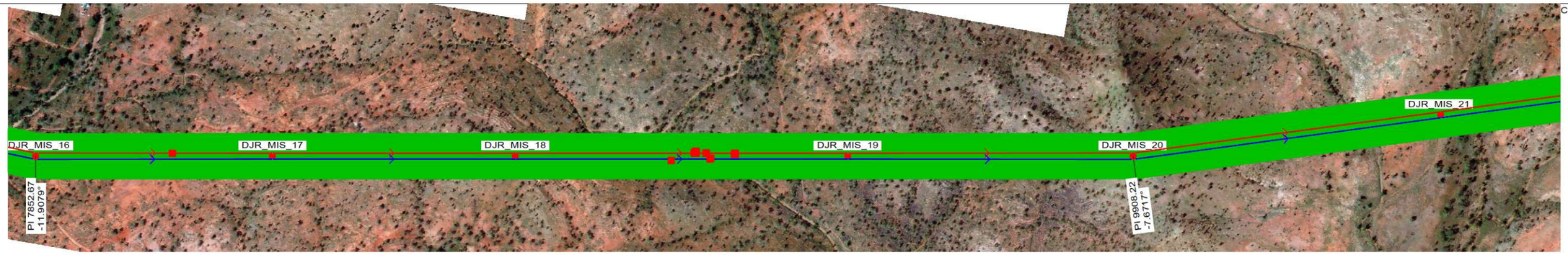
UGL DRAWING NO. 3200-0643-DP6-DRG-03

SHEET 3

AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_16
COPPER STRING 2.0
STA = 91353
X=430225.47
Y=7705390.73
HT=46.90 ELE=253.62
LINE ANGLE=-11.9079°

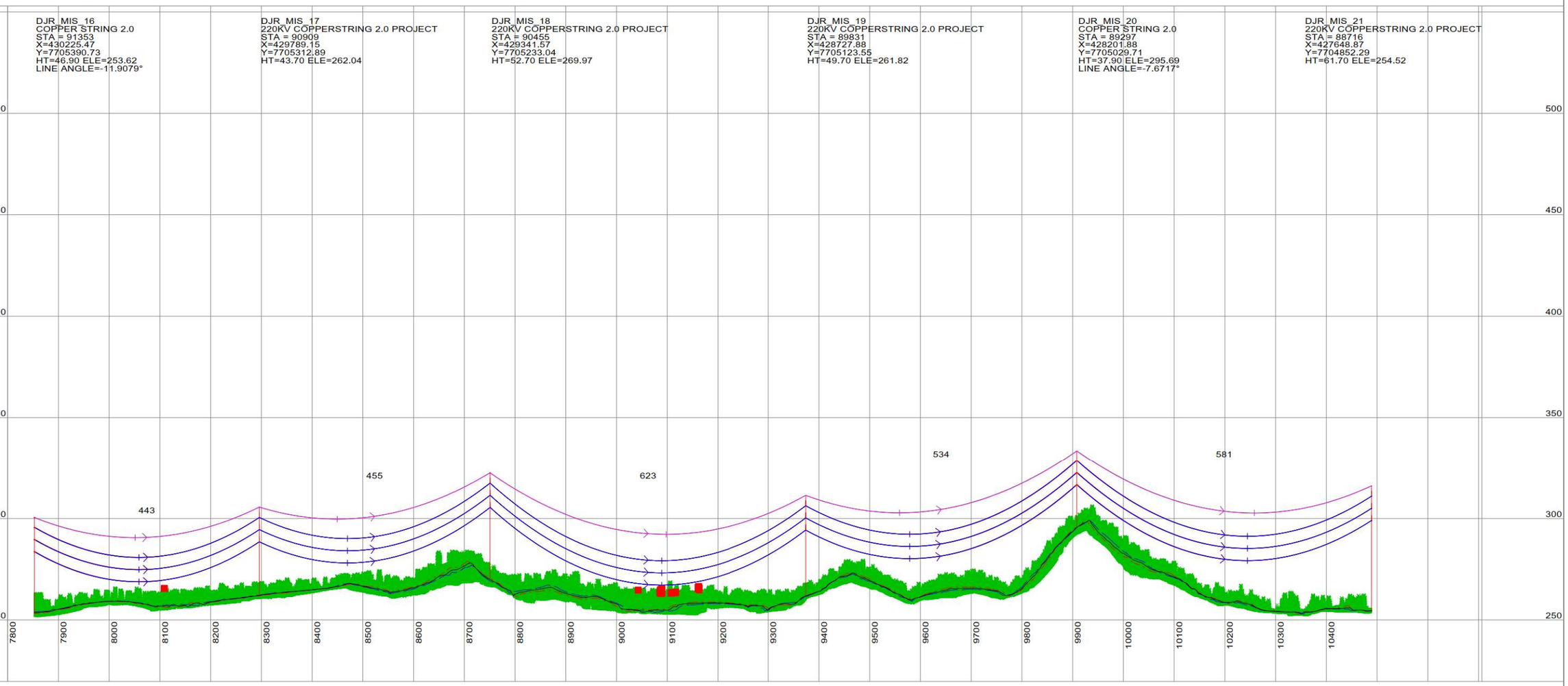
DJR_MIS_17
220KV COPPERSTRING 2.0 PROJECT
STA = 90909
X=429789.15
Y=7705312.89
HT=43.70 ELE=262.04

DJR_MIS_18
220KV COPPERSTRING 2.0 PROJECT
STA = 90455
X=429341.57
Y=7705233.04
HT=52.70 ELE=269.97

DJR_MIS_19
220KV COPPERSTRING 2.0 PROJECT
STA = 89831
X=428727.88
Y=7705123.55
HT=49.70 ELE=261.82

DJR_MIS_20
COPPER STRING 2.0
STA = 89297
X=428201.88
Y=7705029.71
HT=37.90 ELE=295.69
LINE ANGLE=-7.6717°

DJR_MIS_21
220KV COPPERSTRING 2.0 PROJECT
STA = 88716
X=427648.87
Y=7704852.29
HT=61.70 ELE=254.52



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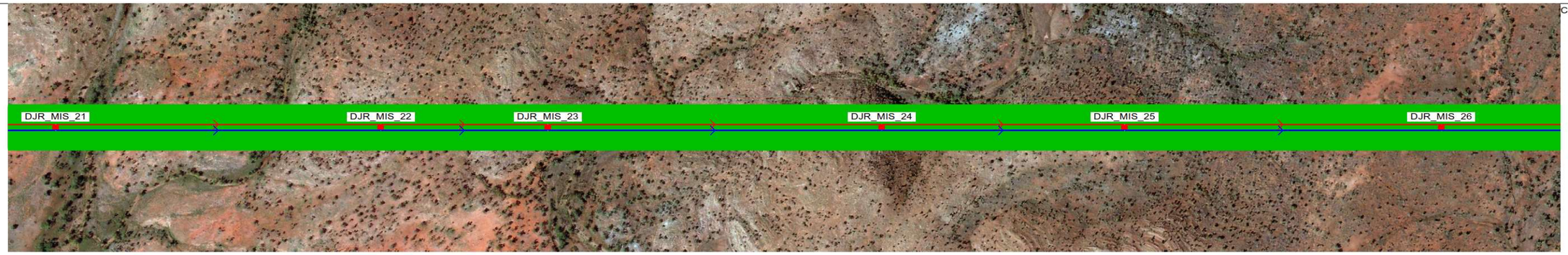
A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 4 OF 39

CLIENT: COPPERSTRING
UGL DRAWING NO.: 3200-0643-DP6-DRG-04
SHEET: 4
AMDT: A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_21
220KV COPPERSTRING 2.0 PROJECT
STA = 88716
X=427648.87
Y=7704852.29
HT=61.70 ELE=254.52

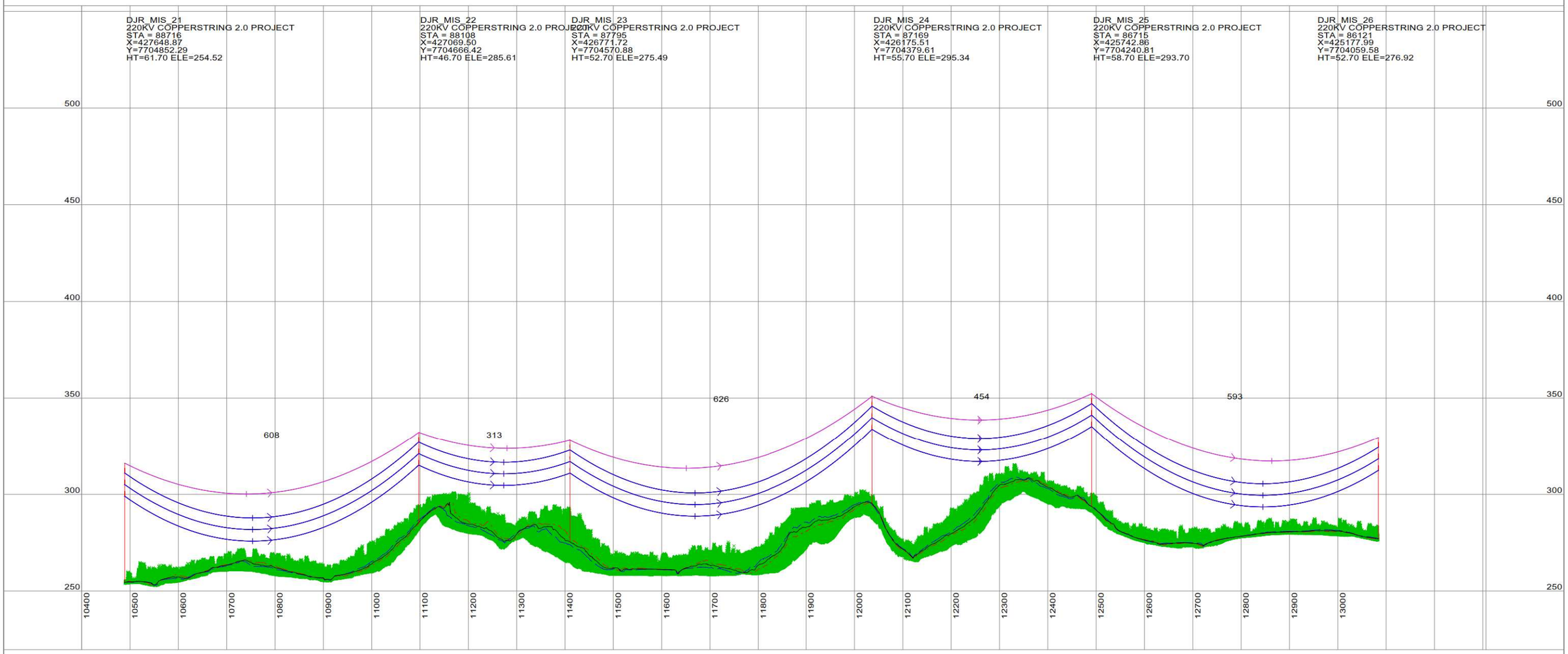
DJR_MIS_22
220KV COPPERSTRING 2.0 PROJECT
STA = 88108
X=427069.50
Y=7704666.42
HT=46.70 ELE=285.61

DJR_MIS_23
220KV COPPERSTRING 2.0 PROJECT
STA = 87795
X=426771.72
Y=7704570.88
HT=52.70 ELE=275.49

DJR_MIS_24
220KV COPPERSTRING 2.0 PROJECT
STA = 87169
X=426175.51
Y=7704379.61
HT=55.70 ELE=295.34

DJR_MIS_25
220KV COPPERSTRING 2.0 PROJECT
STA = 86715
X=425742.86
Y=7704240.81
HT=58.70 ELE=293.70

DJR_MIS_26
220KV COPPERSTRING 2.0 PROJECT
STA = 86121
X=425177.99
Y=7704059.58
HT=52.70 ELE=276.92



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 5 OF 39

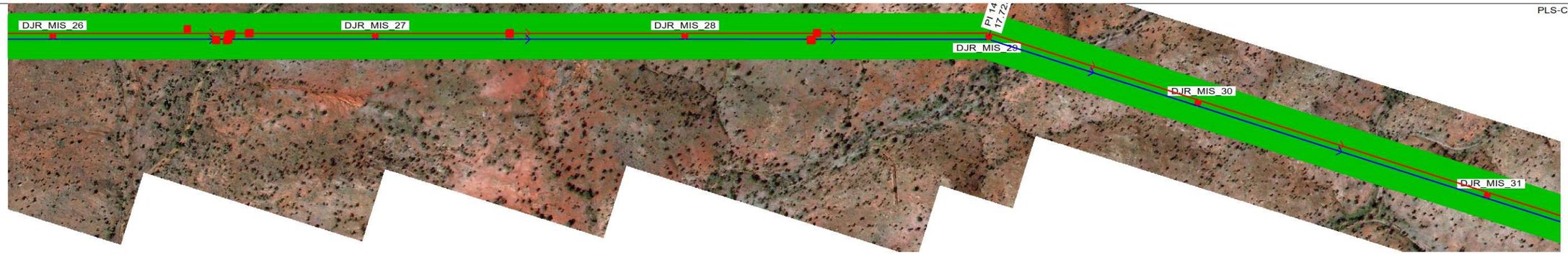
CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-05

SHEET: 5

AMDT: A

PLS-CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_26
220KV COPPERSTRING 2.0 PROJECT
STA = 86121
X=425177.99
Y=7704059.58
HT=52.70 ELE=276.92

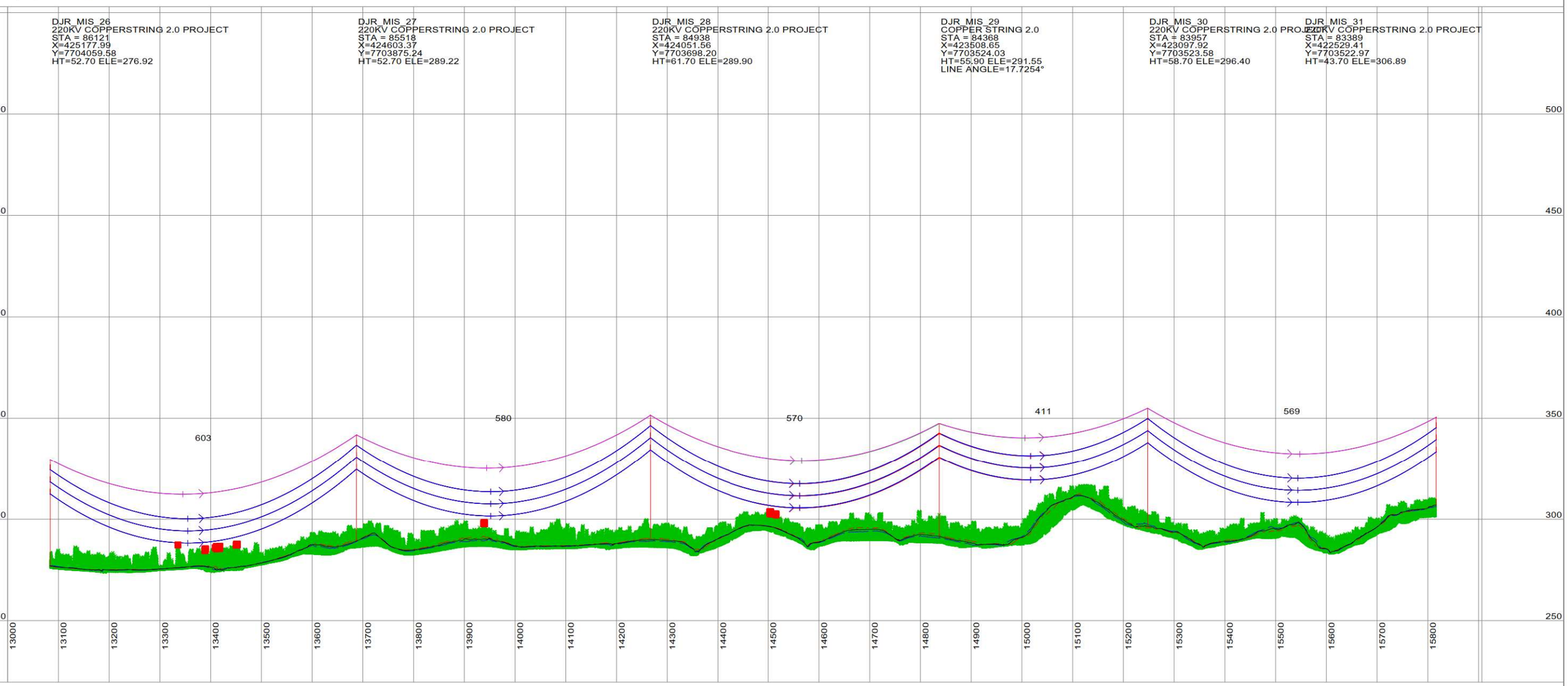
DJR_MIS_27
220KV COPPERSTRING 2.0 PROJECT
STA = 85518
X=424603.37
Y=7703875.24
HT=52.70 ELE=289.22

DJR_MIS_28
220KV COPPERSTRING 2.0 PROJECT
STA = 84938
X=424051.56
Y=7703698.20
HT=61.70 ELE=289.90

DJR_MIS_29
COPPER STRING 2.0
STA = 84368
X=423508.65
Y=7703524.03
HT=55.90 ELE=291.55
LINE ANGLE=17.7254°

DJR_MIS_30
220KV COPPERSTRING 2.0 PROJECT
STA = 83957
X=423097.92
Y=7703523.58
HT=58.70 ELE=296.40

DJR_MIS_31
220KV COPPERSTRING 2.0 PROJECT
STA = 83389
X=422529.41
Y=7703522.97
HT=43.70 ELE=306.89



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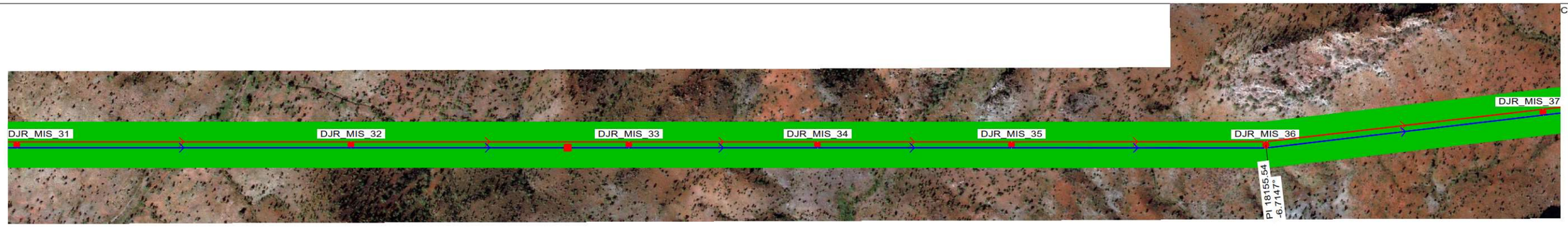
A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL
COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 6 OF 39

UGL DRAWING NO. 3200-0643-DP6-DRG-06 | SHEET 6 | AMDT A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_31
220KV COPPERSTRING 2.0 PROJECT
STA = 83389
X=422529.41
Y=7703522.97
HT=43.70 ELE=306.89

DJR_MIS_32
220KV COPPERSTRING 2.0 PROJECT
STA = 82763
X=421903.76
Y=7703522.29
HT=58.70 ELE=308.51

DJR_MIS_33
220KV COPPERSTRING 2.0 PROJECT
STA = 82243
X=421383.74
Y=7703521.73
HT=40.70 ELE=352.06

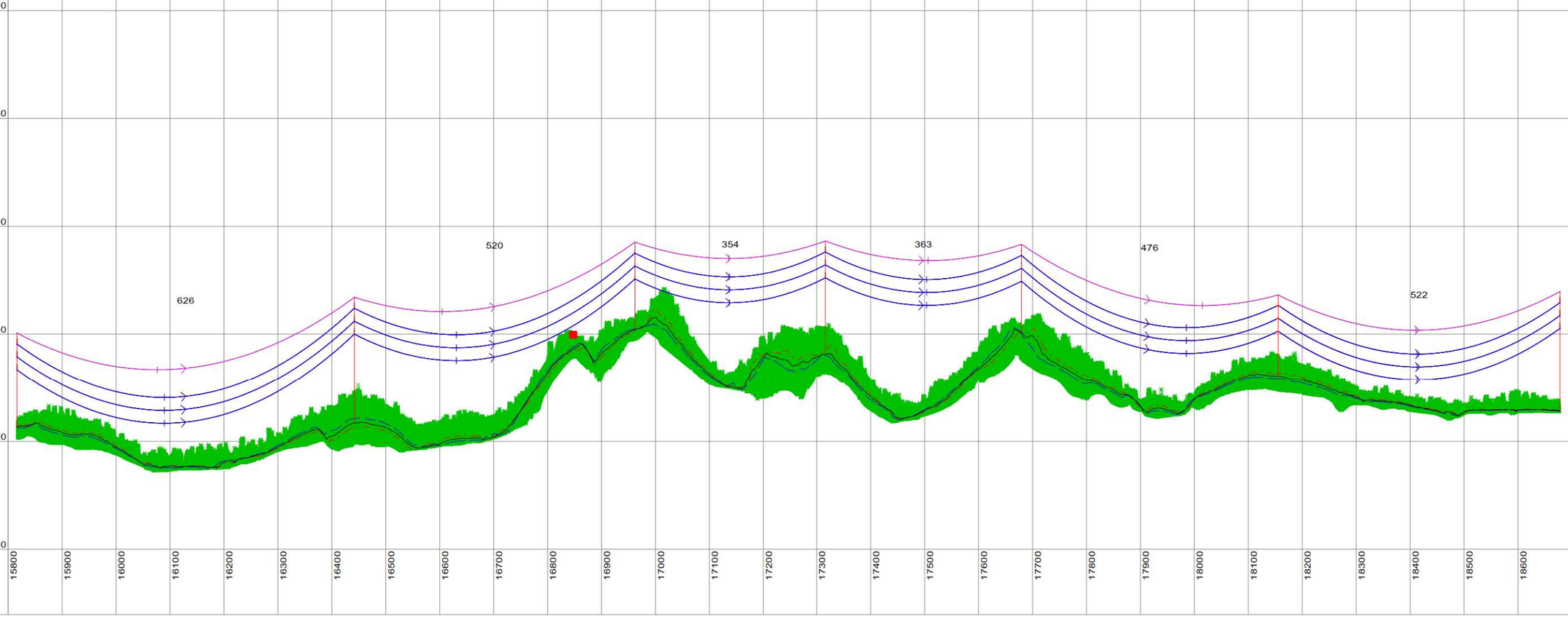
DJR_MIS_34
220KV COPPERSTRING 2.0 PROJECT
STA = 81889
X=421029.65
Y=7703521.35
HT=52.70 ELE=340.61

DJR_MIS_35
220KV COPPERSTRING 2.0 PROJECT
STA = 81526
X=420666.27
Y=7703520.96
HT=40.70 ELE=351.03

DJR_MIS_36
COPPER STRING 2.0
STA = 81050
X=420190.17
Y=7703520.45
HT=37.90 ELE=330.31

DJR_MIS_37
220KV COPPERSTRING 2.0 PROJECT
STA = 80527
X=419671.57
Y=7703458.82
HT=55.70 ELE=314.13

LINE ANGLE=-6.7147°



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 7 OF 39

CLIENT COPPERSTRING

UGL DRAWING NO. 3200-0643-DP6-DRG-07

SHEET 7

AMDT A

PLS-CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_37
220KV COPPERSTRING 2.0 PROJECT
STA = 80527
X=419671.57
Y=7703458.82
HT=55.70 ELE=314.13

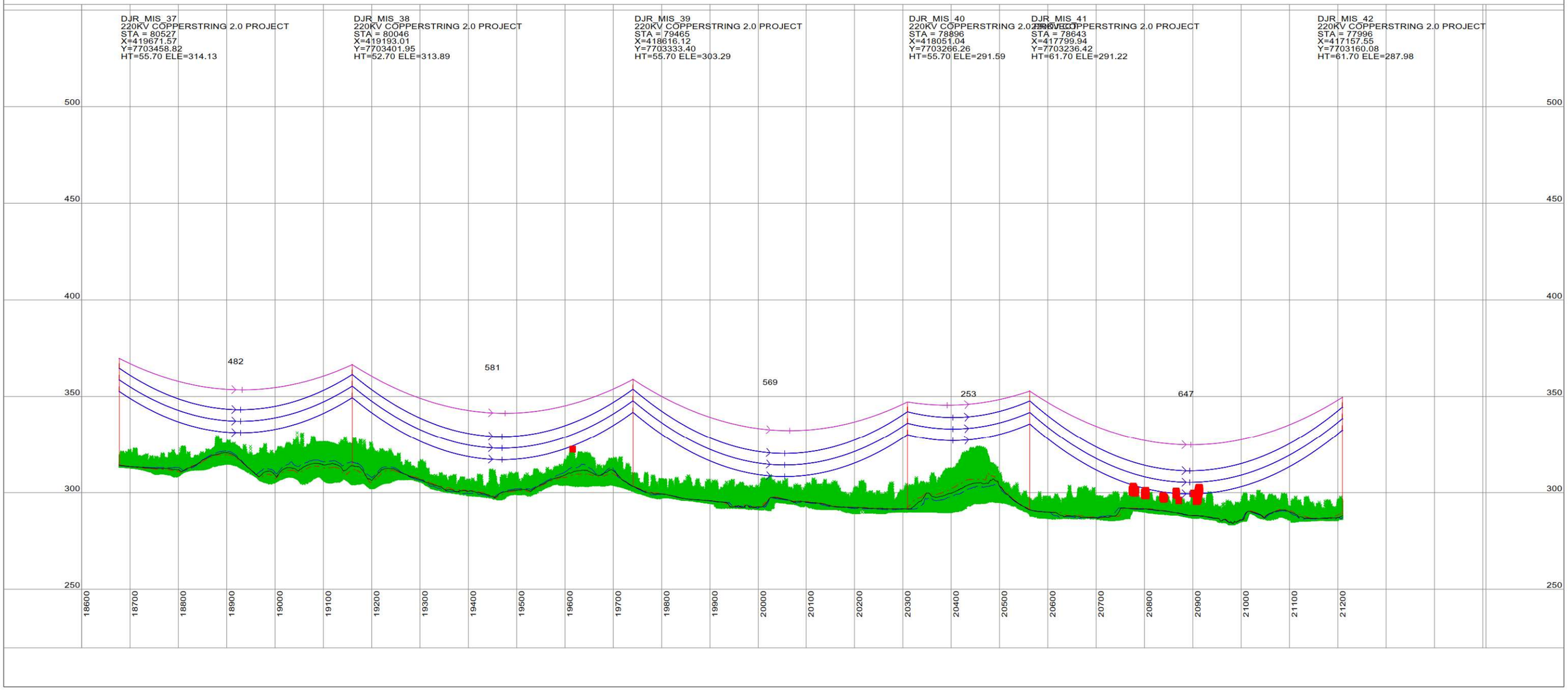
DJR_MIS_38
220KV COPPERSTRING 2.0 PROJECT
STA = 80046
X=419193.01
Y=7703401.95
HT=52.70 ELE=313.89

DJR_MIS_39
220KV COPPERSTRING 2.0 PROJECT
STA = 79465
X=418616.12
Y=7703333.40
HT=55.70 ELE=303.29

DJR_MIS_40
220KV COPPERSTRING 2.0 PROJECT
STA = 78896
X=418051.04
Y=7703266.26
HT=55.70 ELE=291.59

DJR_MIS_41
220KV COPPERSTRING 2.0 PROJECT
STA = 78643
X=417799.94
Y=7703236.42
HT=61.70 ELE=291.22

DJR_MIS_42
220KV COPPERSTRING 2.0 PROJECT
STA = 77996
X=417157.55
Y=7703160.08
HT=61.70 ELE=287.98



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A1

SCALE@A1 AS SHOWN

CLIENT COPPERSTRING

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 8 OF 39

UGL DRAWING NO. 3200-0643-DP6-DRG-08

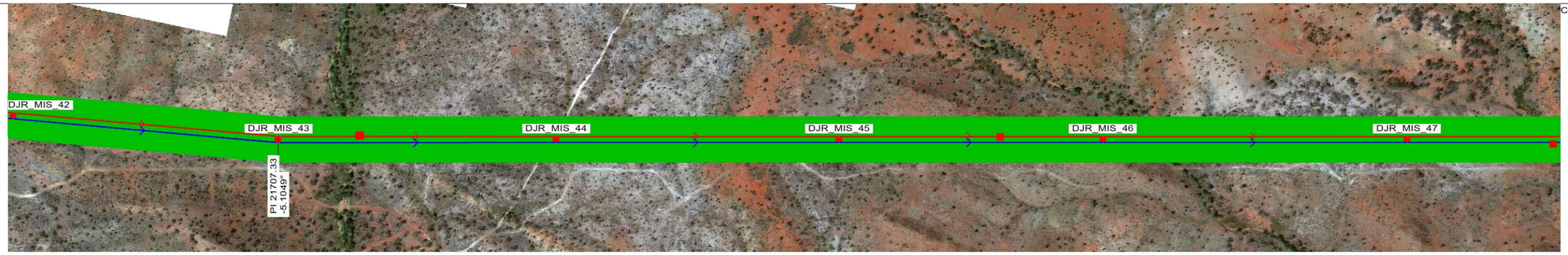
SHEET 8

AMDT A

CONFIRM SCALE

100mm ON A1 ORIGINAL

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_42
220KV COPPERSTRING 2.0 PROJECT
STA = 77996
X=417157.55
Y=7703160.08
HT=61.70 ELE=287.98

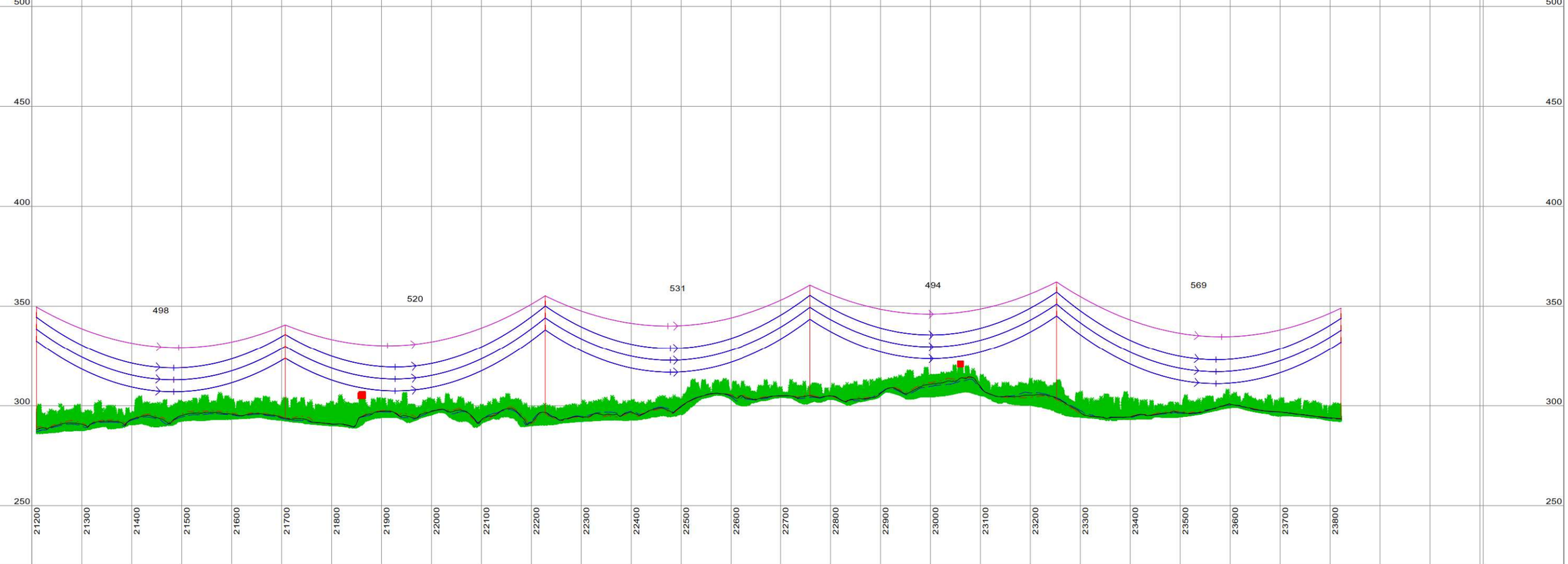
DJR_MIS_43
COPPER STRING 2.0
STA = 77498
X=416663.19
Y=7703101.34
HT=46.90 ELE=293.77
LINE ANGLE=-5.1049°

DJR_MIS_44
220KV COPPERSTRING 2.0 PROJECT
STA = 76978
X=416153.97
Y=7702994.20
HT=58.70 ELE=296.63

DJR_MIS_45
220KV COPPERSTRING 2.0 PROJECT
STA = 76447
X=415634.44
Y=7702884.89
HT=55.70 ELE=304.99

DJR_MIS_46
220KV COPPERSTRING 2.0 PROJECT
STA = 75953
X=415151.18
Y=7702783.22
HT=58.70 ELE=303.60

DJR_MIS_47
220KV COPPERSTRING 2.0 PROJECT
STA = 75384
X=414594.14
Y=7702666.02
HT=55.70 ELE=293.43



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

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DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 9 OF 39

CLIENT COPPERSTRING

UGL DRAWING NO. 3200-0643-DP6-DRG-09

SHEET 9

AMDT A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_47
220KV COPPERSTRING 2.0 PROJECT
STA = 75384
X=414594.14
Y=7702666.02
HT=55.70 ELE=293.43

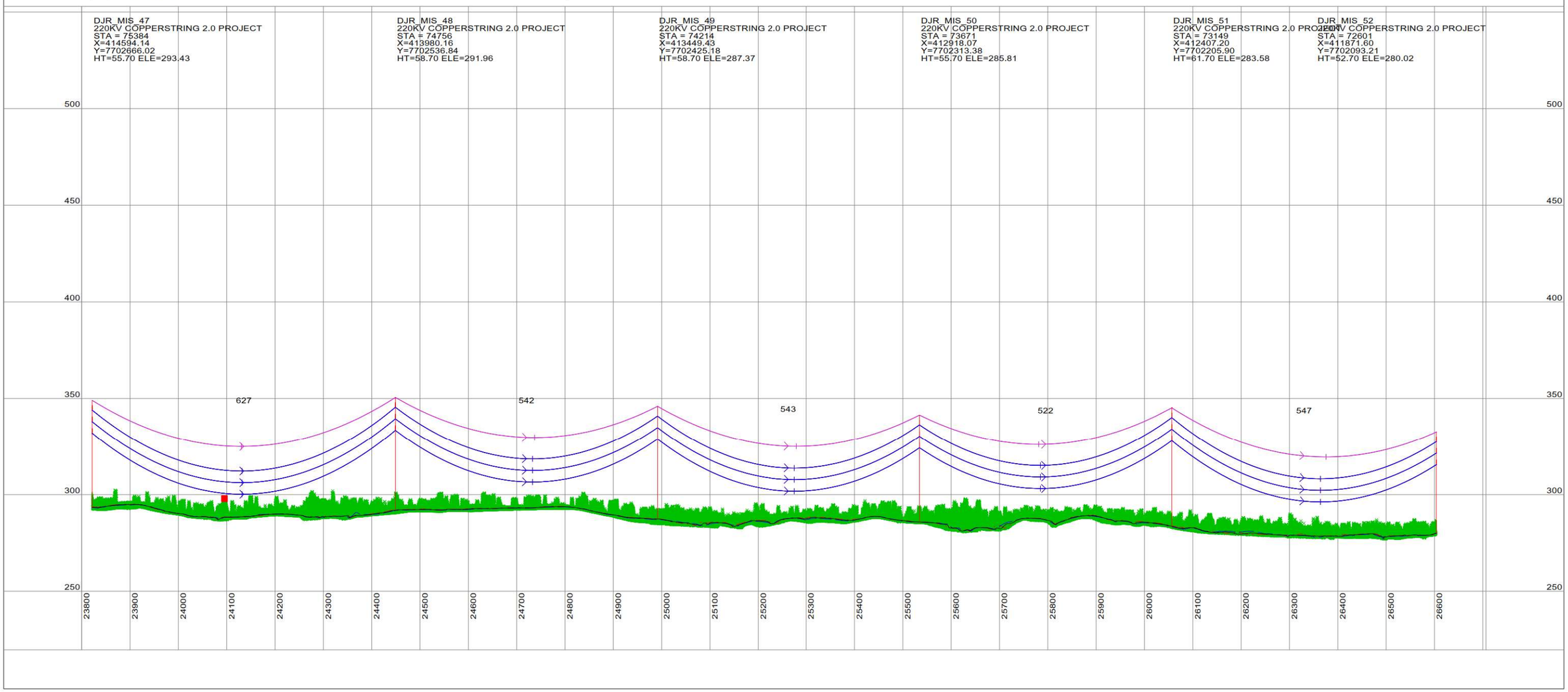
DJR_MIS_48
220KV COPPERSTRING 2.0 PROJECT
STA = 74756
X=413980.16
Y=7702536.84
HT=58.70 ELE=291.96

DJR_MIS_49
220KV COPPERSTRING 2.0 PROJECT
STA = 74214
X=413449.43
Y=7702425.18
HT=58.70 ELE=287.37

DJR_MIS_50
220KV COPPERSTRING 2.0 PROJECT
STA = 73671
X=412918.07
Y=7702313.38
HT=55.70 ELE=285.81

DJR_MIS_51
220KV COPPERSTRING 2.0 PROJECT
STA = 73149
X=412407.20
Y=7702205.90
HT=61.70 ELE=283.58

DJR_MIS_52
220KV COPPERSTRING 2.0 PROJECT
STA = 72601
X=411871.60
Y=7702093.21
HT=52.70 ELE=280.02



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

UGL

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DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 10 OF 39

CLIENT: COPPERSTRING

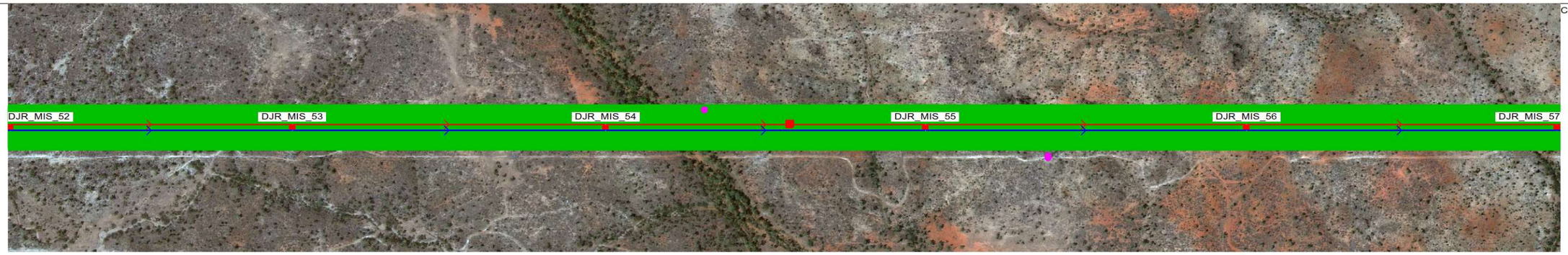
UGL DRAWING NO.: 3200-0643-DP6-DRG-010

SHEET: 10

AMDT: A

100mm ON A1 ORIGINAL

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_52
220KV COPPERSTRING 2.0 PROJECT
STA = 72601
X=411871.60
Y=7702093.21
HT=52.70 ELE=280.02

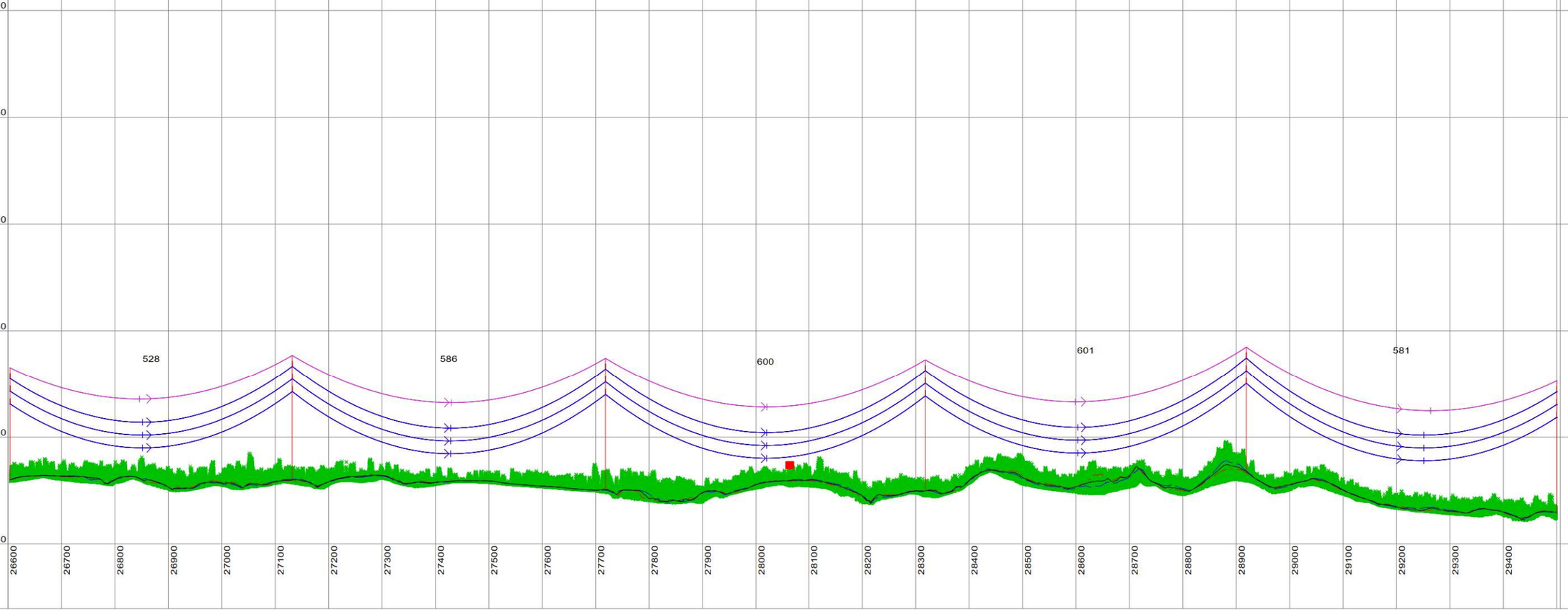
DJR_MIS_53
220KV COPPERSTRING 2.0 PROJECT
STA = 72073
X=411354.86
Y=7701984.49
HT=58.70 ELE=279.86

DJR_MIS_54
220KV COPPERSTRING 2.0 PROJECT
STA = 71487
X=410781.04
Y=7701863.76
HT=61.70 ELE=275.53

DJR_MIS_55
220KV COPPERSTRING 2.0 PROJECT
STA = 70887
X=410194.20
Y=7701740.29
HT=61.70 ELE=274.81

DJR_MIS_56
220KV COPPERSTRING 2.0 PROJECT
STA = 70286
X=409606.09
Y=7701616.56
HT=58.70 ELE=283.76

DJR_MIS_57
220KV COPPERSTRING 2.0 PROJECT
STA = 69705
X=409037.32
Y=7701496.89
HT=61.70 ELE=264.80



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A1

SCALE@A1 AS SHOWN

UGL

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220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 11 OF 39

CLIENT COPPERSTRING

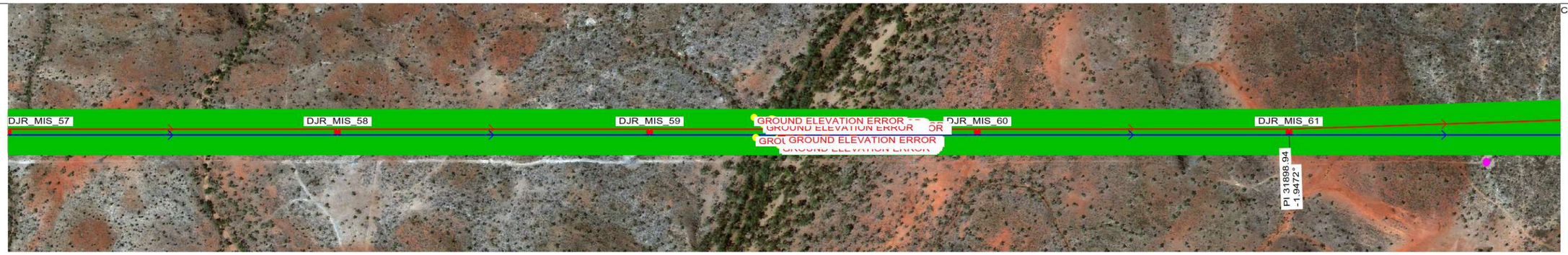
UGL DRAWING NO. 3200-0643-DP6-DRG-011

SHEET 11

AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

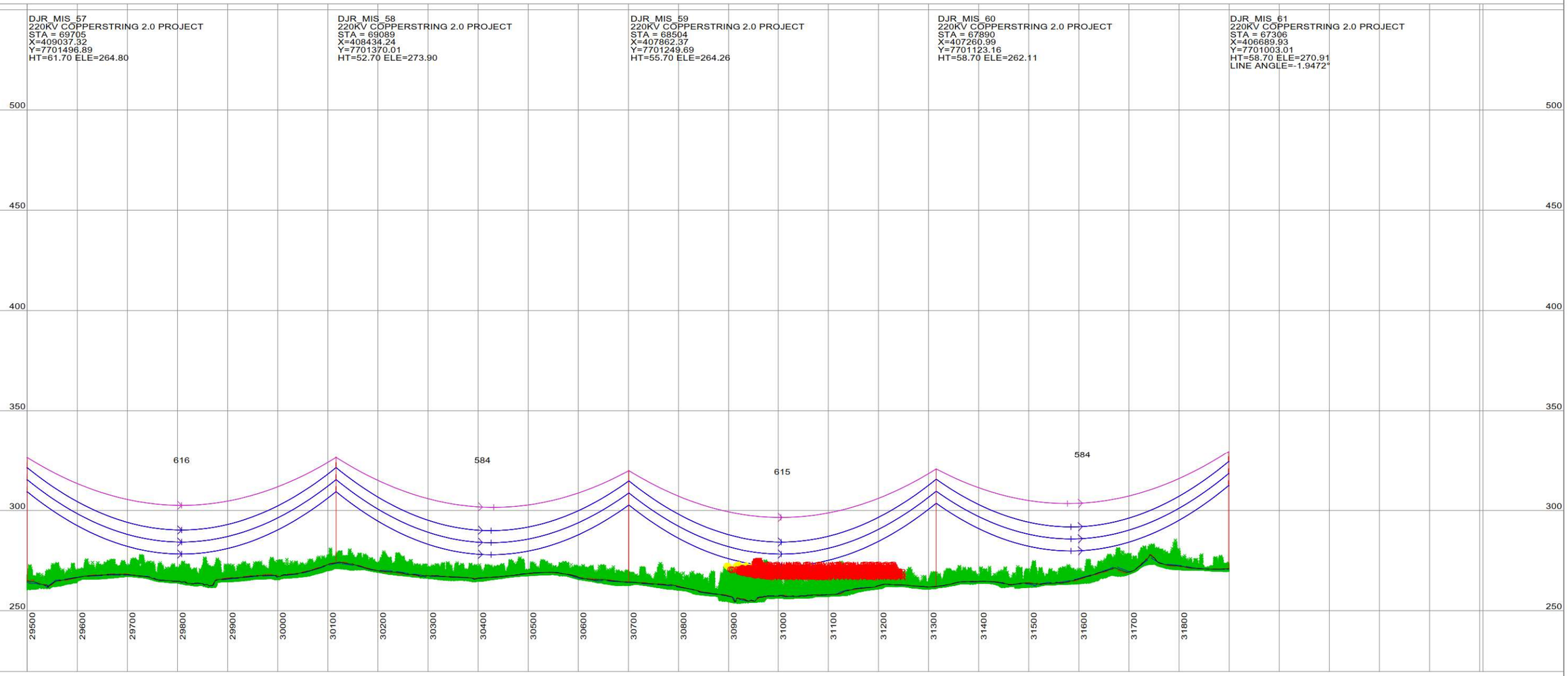
DJR_MIS_57
220KV COPPERSTRING 2.0 PROJECT
STA = 69705
X=409037.32
Y=7701496.89
HT=61.70 ELE=264.80

DJR_MIS_58
220KV COPPERSTRING 2.0 PROJECT
STA = 69089
X=408434.24
Y=7701370.01
HT=52.70 ELE=273.90

DJR_MIS_59
220KV COPPERSTRING 2.0 PROJECT
STA = 68504
X=407862.37
Y=7701249.69
HT=55.70 ELE=264.26

DJR_MIS_60
220KV COPPERSTRING 2.0 PROJECT
STA = 67890
X=407260.99
Y=7701123.16
HT=58.70 ELE=262.11

DJR_MIS_61
220KV COPPERSTRING 2.0 PROJECT
STA = 67306
X=406689.93
Y=7701003.01
HT=58.70 ELE=270.91
LINE ANGLE=-1.9472°



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A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL
COPPERSTRING 2.0
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220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 12 OF 39

UGL DRAWING NO. 3200-0643-DP6-DRG-012 | SHEET 12 | AMDT A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

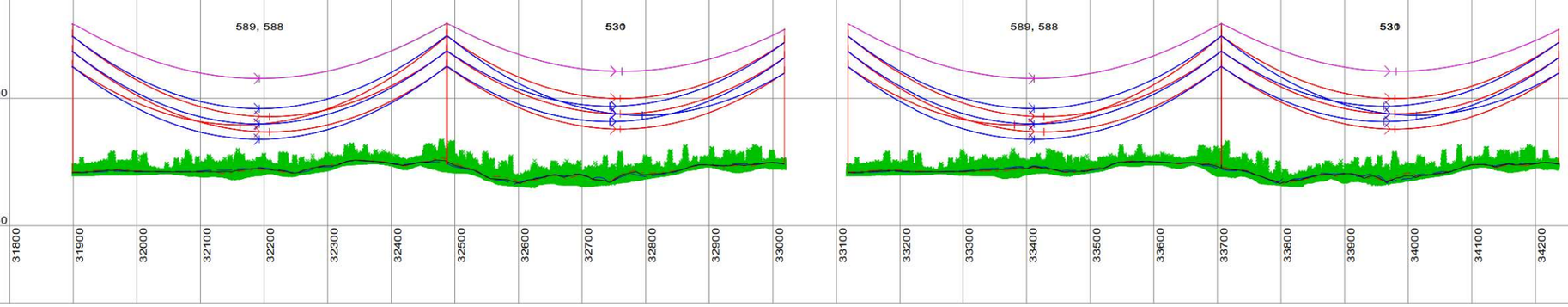
-VEGETATION

DJR_MIS_61
220KV COPPERSTRING 2.0 PROJECT
STA = 67306
X=406689.93
Y=7701003.01
HT=58.70 ELE=270.91
LINE ANGLE=-1.9472°

DJR_MIS_62A
220KV COPPERSTRING 2.0 PROJECT
STA = 66130
X=406118.39
Y=7700862.32
HT=55.70 ELE=274.00
LINE ANGLE=4.1076°

DJR_MIS_62B
220KV COPPERSTRING 2.0 PROJECT
STA = 66718
X=406114.46
Y=7700881.93
HT=55.70 ELE=274.00
LINE ANGLE=-0.0000°

DJR_MIS_63
220KV COPPERSTRING 2.0 PROJECT
STA = 65599
X=405595.45
Y=7700772.74
HT=52.70 ELE=274.43
LINE ANGLE=0.0000°



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 13 OF 39

CLIENT: COPPERSTRING

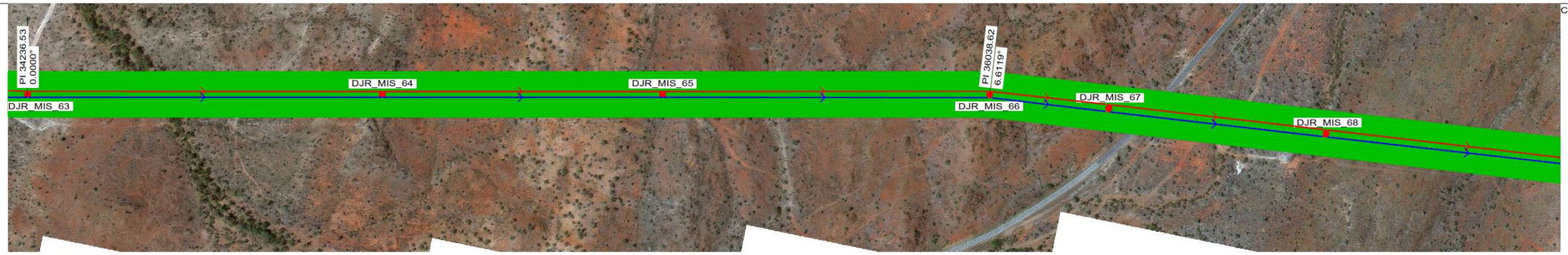
UGL DRAWING NO.: 3200-0643-DP6-DRG-013

SHEET: 13

AMDT: A

100mm ON A1 ORIGINAL

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_63
220KV COPPERSTRING 2.0 PROJECT
STA = 65599
X=405595.45
Y=7700772.74
HT=52.70 ELE=274.43
LINE ANGLE=0.0000°

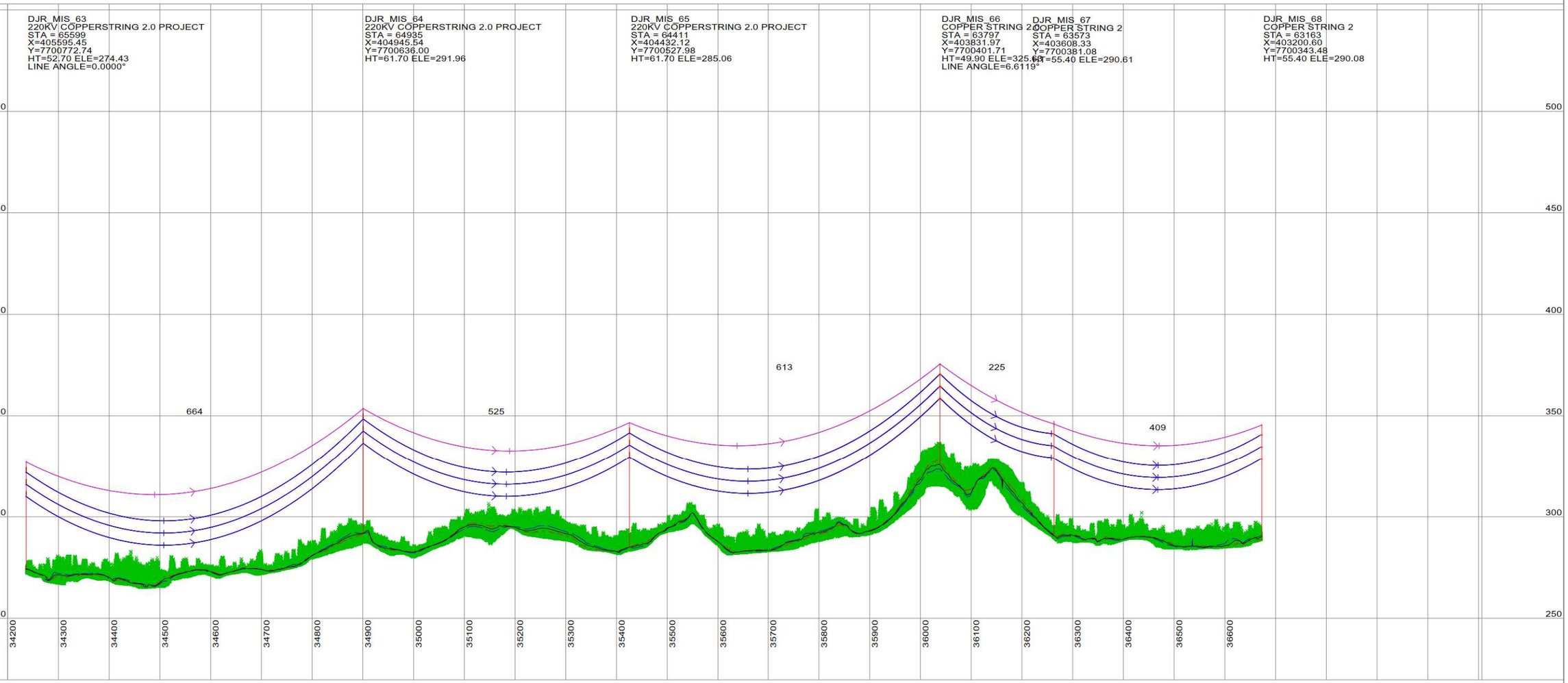
DJR_MIS_64
220KV COPPERSTRING 2.0 PROJECT
STA = 64935
X=404945.54
Y=7700636.00
HT=61.70 ELE=291.96

DJR_MIS_65
220KV COPPERSTRING 2.0 PROJECT
STA = 64411
X=404432.12
Y=7700527.98
HT=61.70 ELE=285.06

DJR_MIS_66
COPPER STRING 2.0
STA = 63797
X=403831.97
Y=7700401.71
HT=49.90 ELE=325.61
LINE ANGLE=6.6119°

DJR_MIS_67
COPPER STRING 2
STA = 63573
X=403608.33
Y=7700381.08
HT=55.40 ELE=290.61

DJR_MIS_68
COPPER STRING 2
STA = 63163
X=403200.60
Y=7700343.48
HT=55.40 ELE=290.08



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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 14 OF 39

CLIENT: COPPERSTRING
UGL DRAWING NO.: 3200-0643-DP6-DRG-014
SHEET: 14
AMDT: A

PLS-CADD DRAWING

40.0 M HORIZ. SCALE

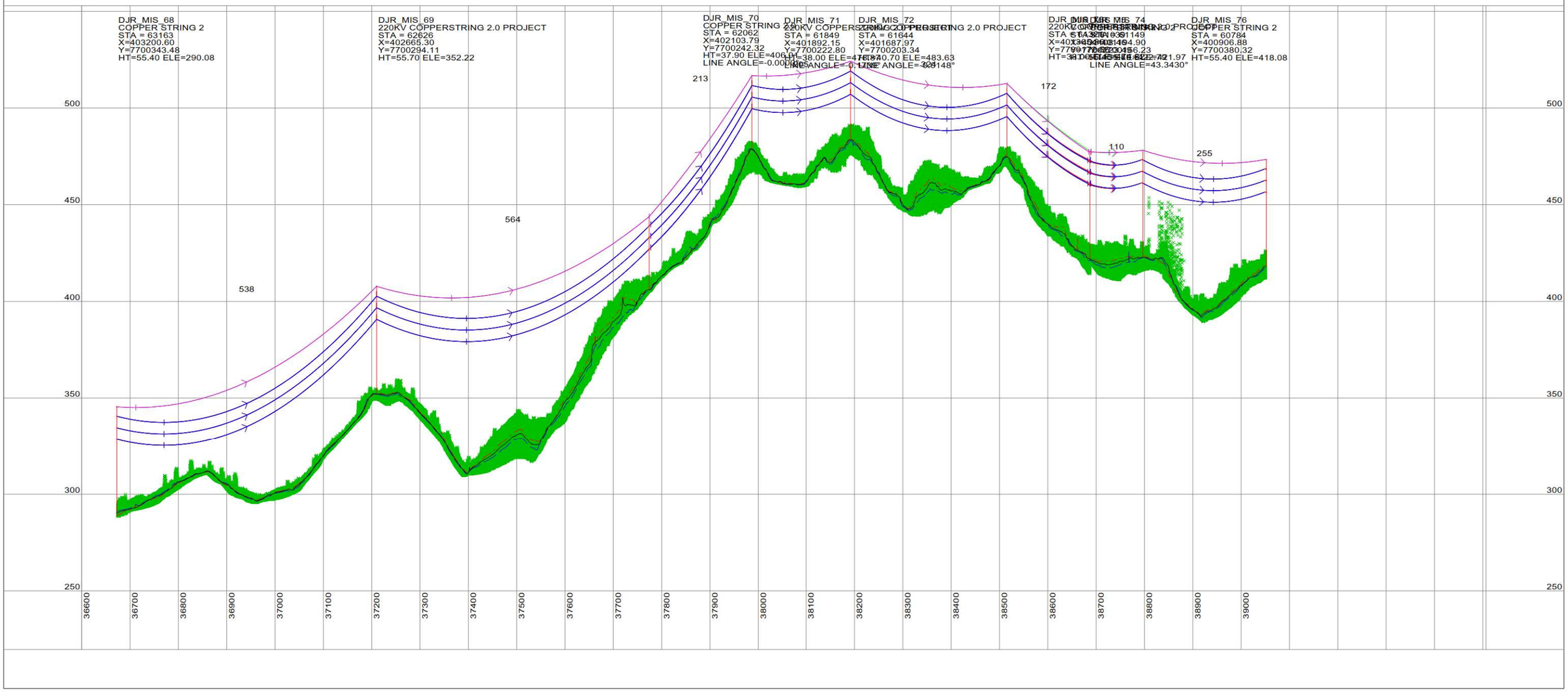
10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 15 OF 39

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-015	15	A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_76
COPPER STRING 2
STA = 60784
X=400906.88
Y=7700380.32
HT=55.40 ELE=418.08

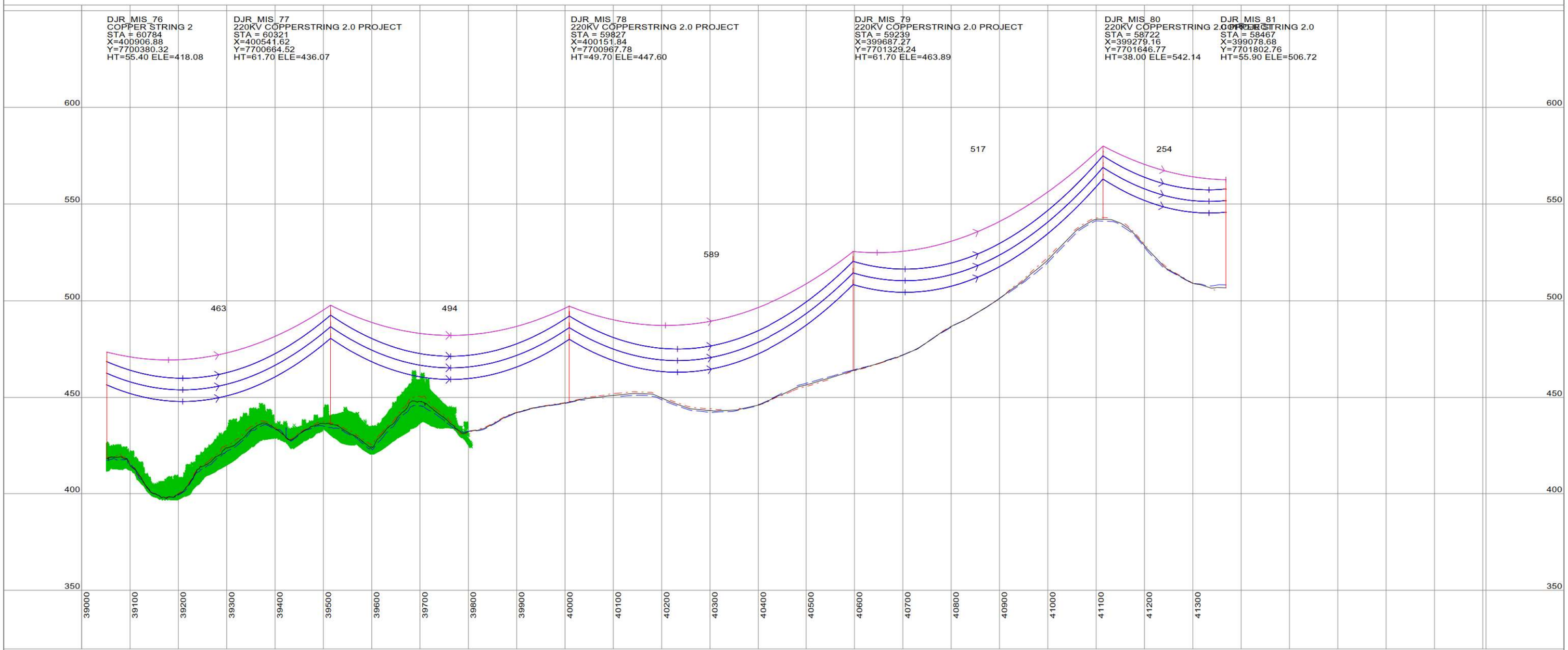
DJR_MIS_77
220KV COPPERSTRING 2.0 PROJECT
STA = 60321
X=400541.62
Y=7700664.52
HT=61.70 ELE=436.07

DJR_MIS_78
220KV COPPERSTRING 2.0 PROJECT
STA = 59827
X=400151.84
Y=7700967.78
HT=49.70 ELE=447.60

DJR_MIS_79
220KV COPPERSTRING 2.0 PROJECT
STA = 59239
X=399687.27
Y=7701329.24
HT=61.70 ELE=463.89

DJR_MIS_80
220KV COPPERSTRING 2.0 PROJECT
STA = 58722
X=399279.16
Y=7701646.77
HT=38.00 ELE=542.14

DJR_MIS_81
220KV COPPERSTRING 2.0
STA = 58467
X=399078.68
Y=7701802.76
HT=55.90 ELE=506.72



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A1

SCALE@A1: AS SHOWN

CLIENT: COPPERSTRING

UGL

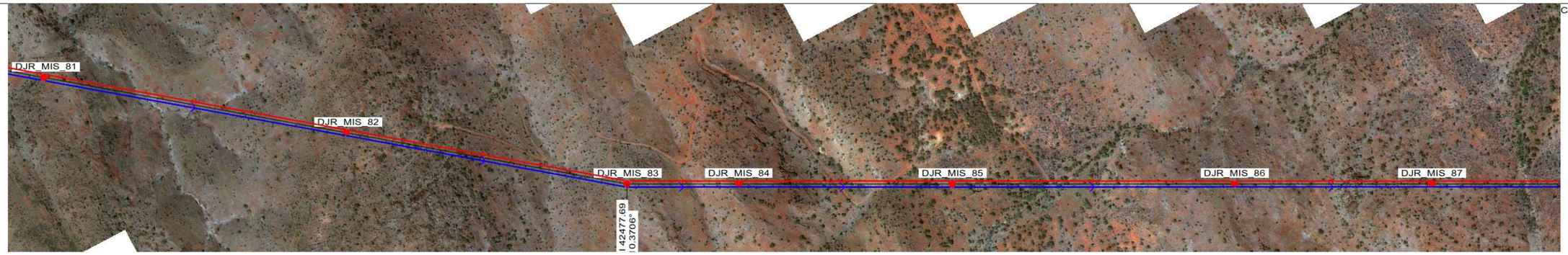
COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 16 OF 39

UGL DRAWING NO. 3200-0643-DP6-DRG-016

SHEET 16

AMDT A

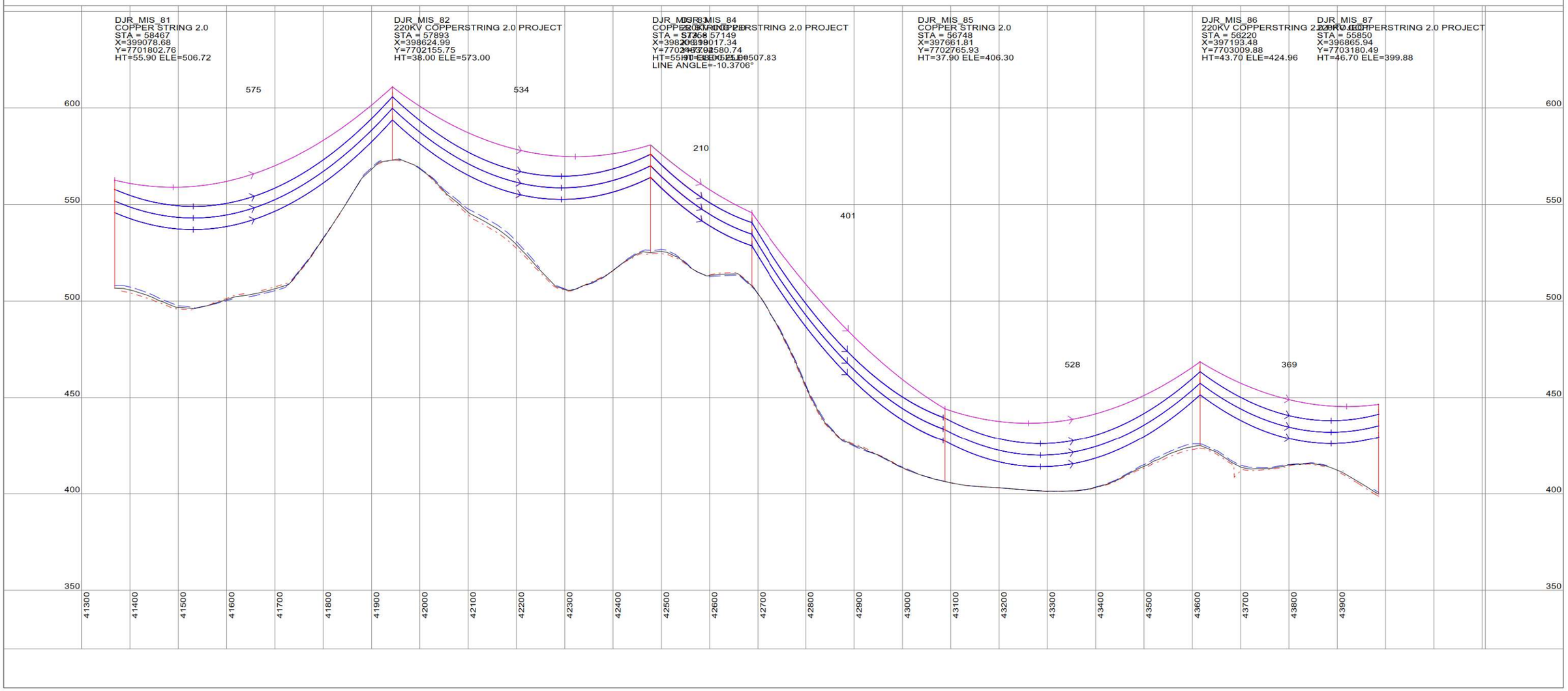
CONFIRM SCALE — 100mm ON A1 ORIGINAL



NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION



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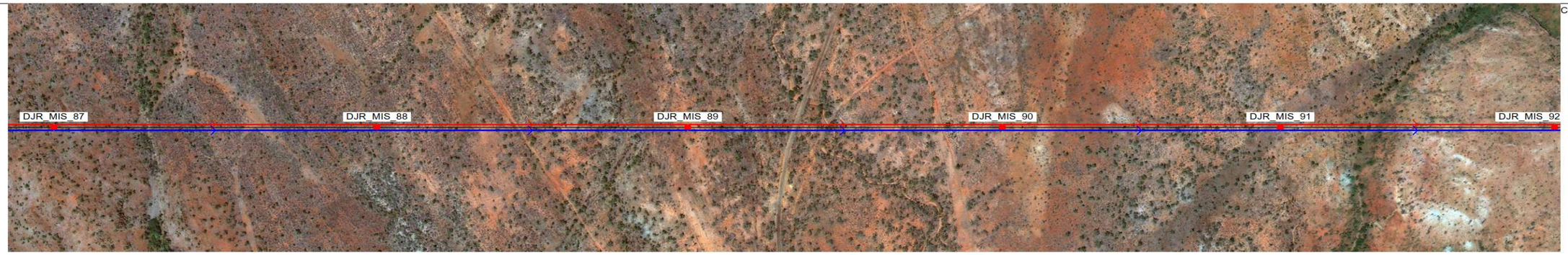
A1

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 17 OF 39

SCALE@A1	CLIENT	UGL DRAWING NO.	SHEET	AMDT
AS SHOWN	COPPERSTRING	3200-0643-DP6-DRG-017	17	A

CONFIRM SCALE 100mm ON A1 ORIGINAL



CADD DRAWING

40.0 M HORIZ. SCALE

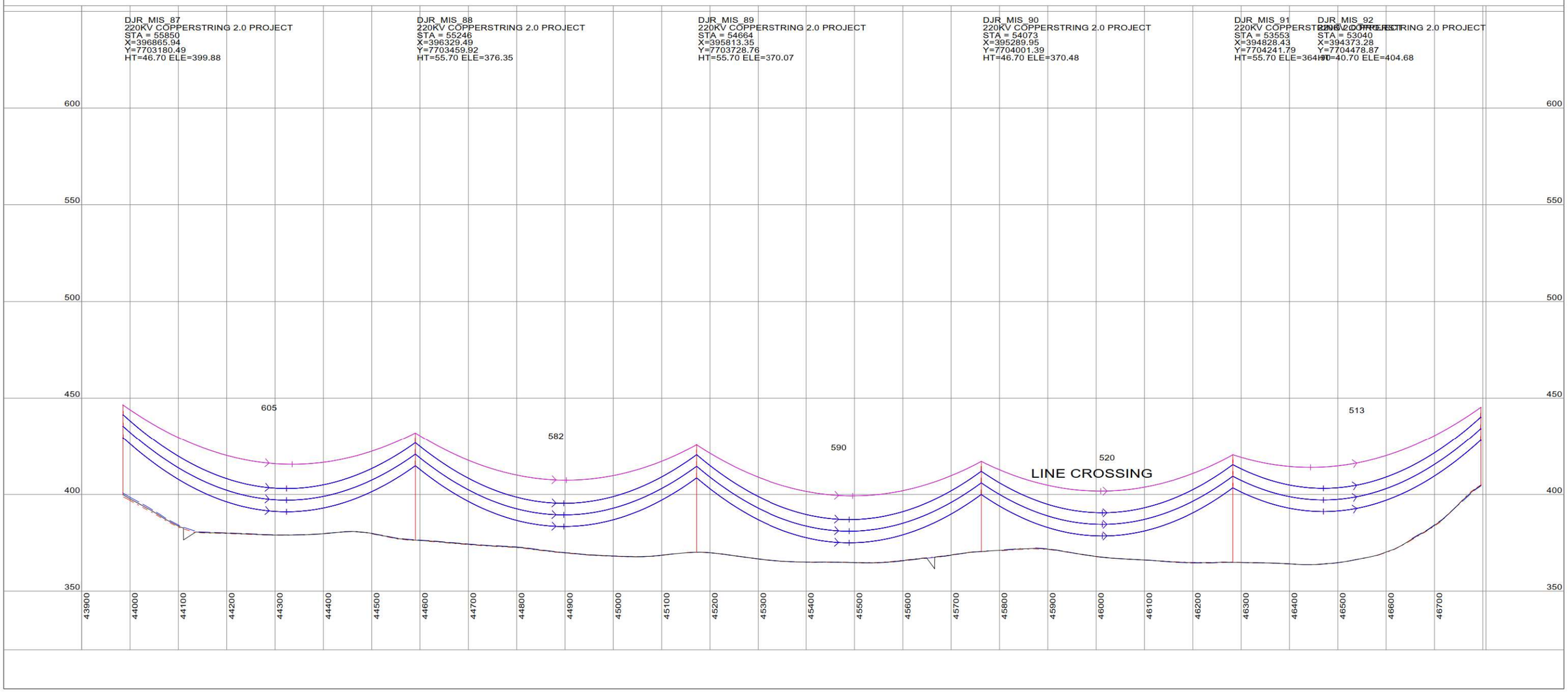
10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION



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A1

SCALE@A1: AS SHOWN

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 18 OF 39

CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-018

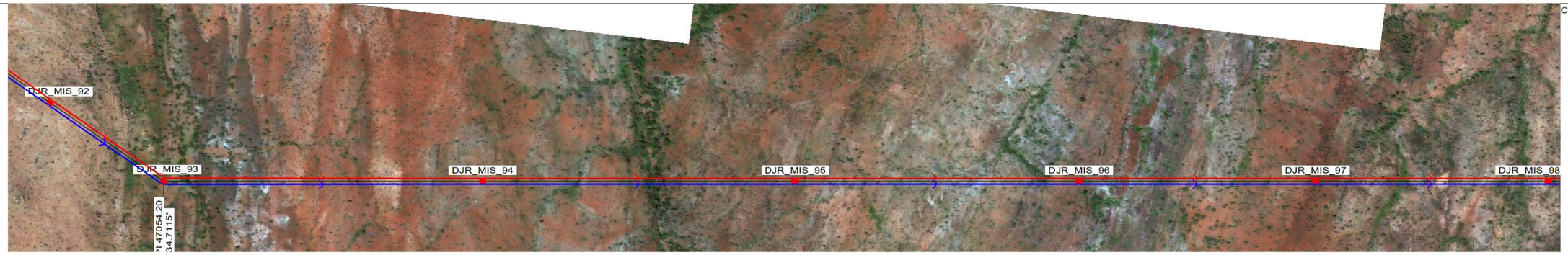
SHEET: 18

AMDT: A

CONFIRM SCALE

100mm ON A1 ORIGINAL

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_92
220KV COPPERSTRING 2.0 PROJECT
STA = 53040
X=394373.28
Y=7704478.87
HT=40.70 ELE=404.68

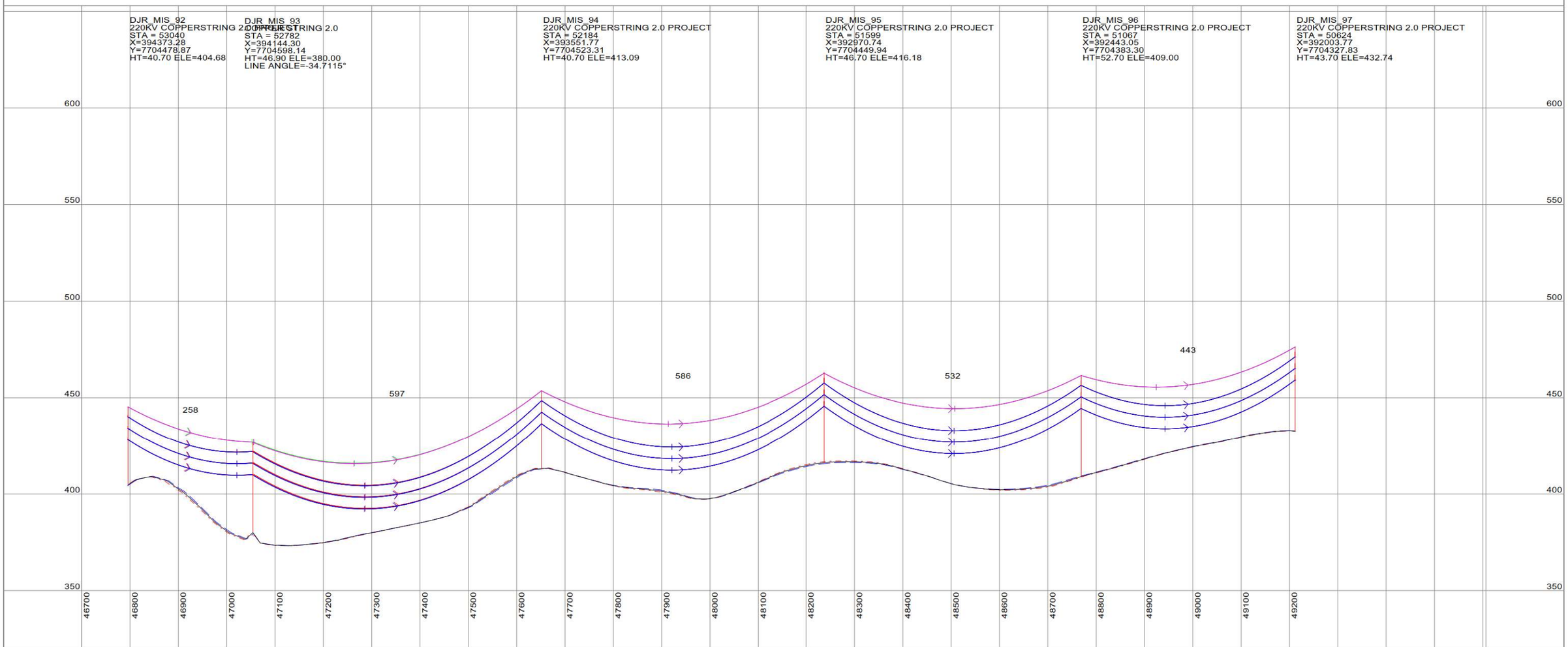
DJR_MIS_93
220KV COPPERSTRING 2.0
STA = 52782
X=394144.30
Y=7704598.14
HT=46.90 ELE=380.00
LINE ANGLE=-34.7115°

DJR_MIS_94
220KV COPPERSTRING 2.0 PROJECT
STA = 52184
X=393551.77
Y=7704523.31
HT=40.70 ELE=413.09

DJR_MIS_95
220KV COPPERSTRING 2.0 PROJECT
STA = 51599
X=392970.74
Y=7704449.94
HT=46.70 ELE=416.18

DJR_MIS_96
220KV COPPERSTRING 2.0 PROJECT
STA = 51067
X=392443.05
Y=7704383.30
HT=52.70 ELE=409.00

DJR_MIS_97
220KV COPPERSTRING 2.0 PROJECT
STA = 50624
X=392003.77
Y=7704327.83
HT=43.70 ELE=432.74



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A1

SCALE@A1: AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 19 OF 39

CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-019

SHEET: 19

AMDT: A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_97
220KV COPPERSTRING 2.0 PROJECT
STA = 50624
X=392003.77
Y=7704327.83
HT=43.70 ELE=432.74

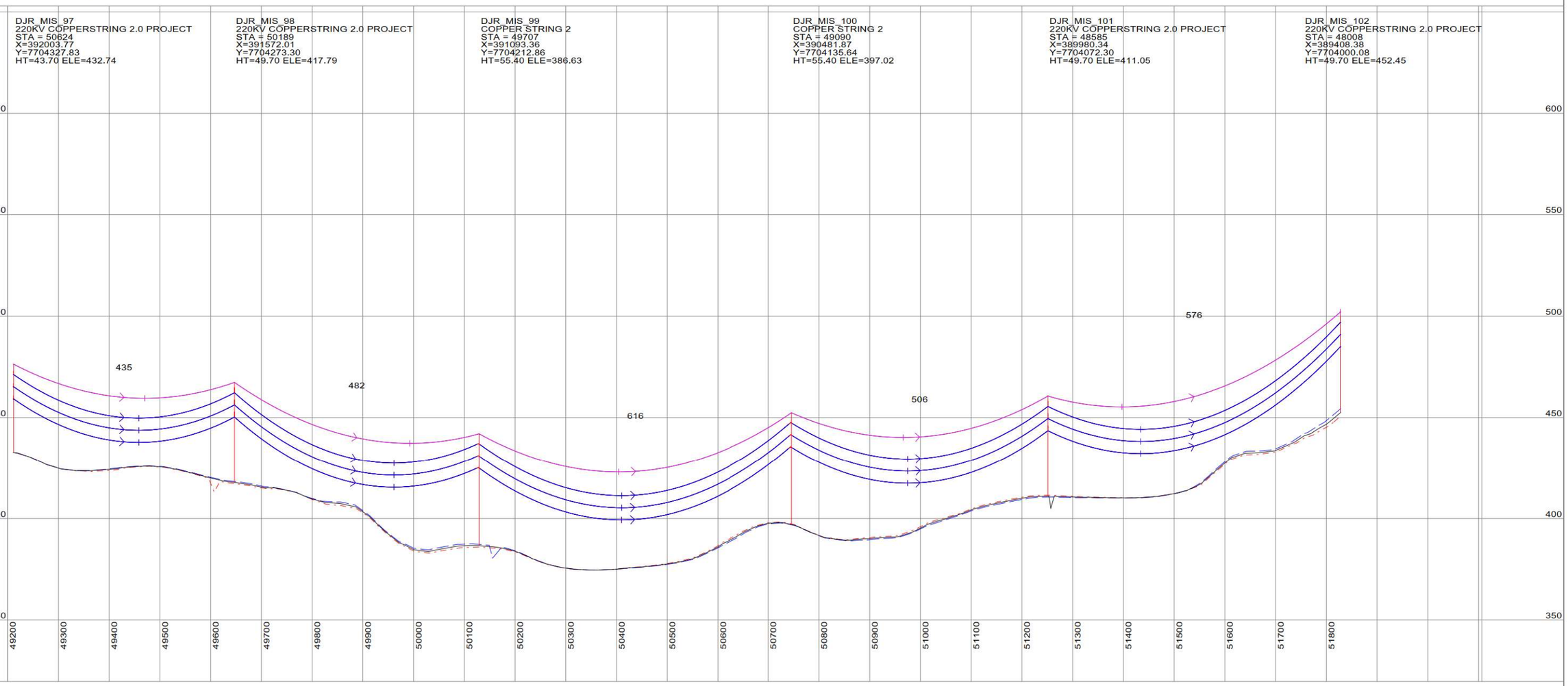
DJR_MIS_98
220KV COPPERSTRING 2.0 PROJECT
STA = 50189
X=391572.01
Y=7704273.30
HT=49.70 ELE=417.79

DJR_MIS_99
COPPER STRING 2
STA = 49707
X=391093.36
Y=7704212.86
HT=55.40 ELE=386.63

DJR_MIS_100
COPPER STRING 2
STA = 49090
X=390481.87
Y=7704135.64
HT=55.40 ELE=397.02

DJR_MIS_101
220KV COPPERSTRING 2.0 PROJECT
STA = 48585
X=389980.34
Y=7704072.30
HT=49.70 ELE=411.05

DJR_MIS_102
220KV COPPERSTRING 2.0 PROJECT
STA = 48008
X=389408.38
Y=7704000.08
HT=49.70 ELE=452.45



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A1

SCALE@A1: AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 20 OF 39

CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-020

SHEET: 20

AMDT: A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_102
220KV COPPERSTRING 2.0 PROJECT
STA = 48008
X=389408.38
Y=7704000.08
HT=49.70 ELE=452.45

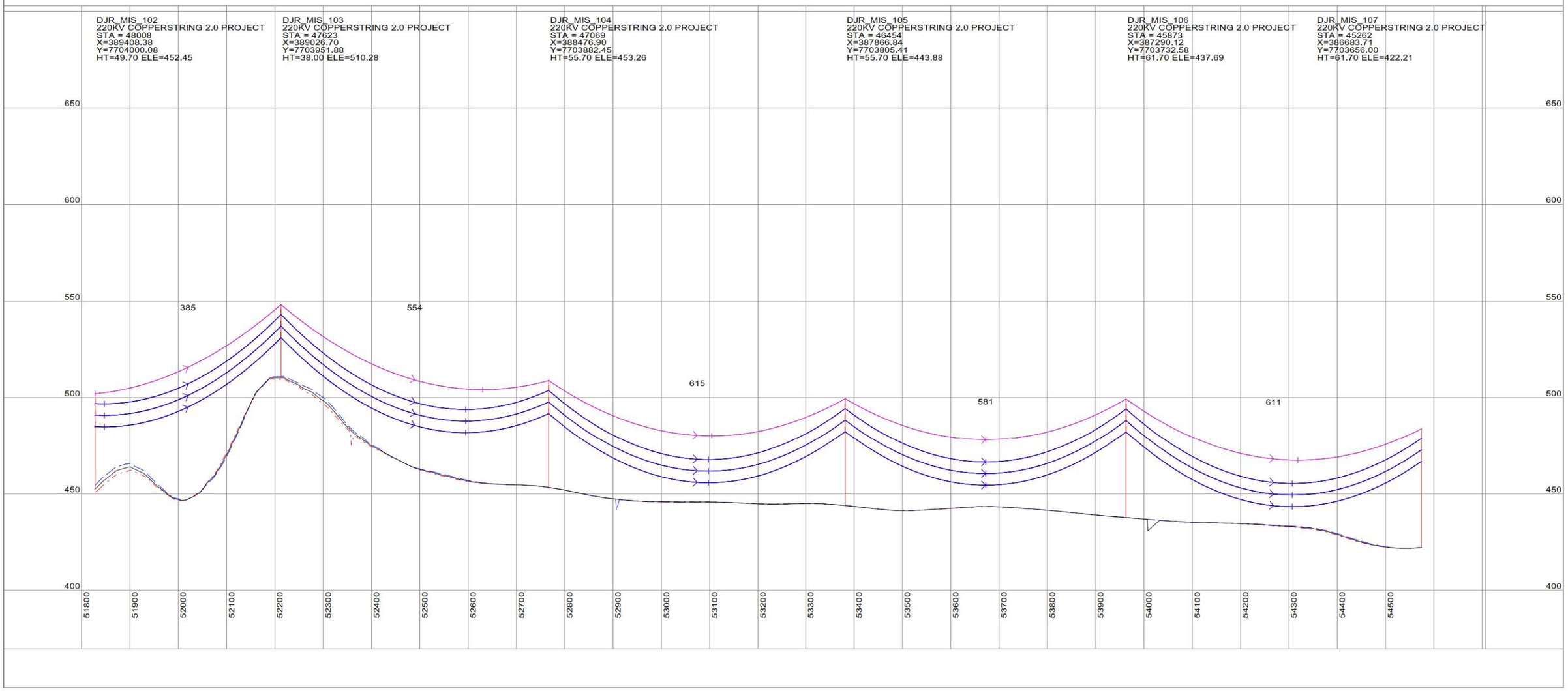
DJR_MIS_103
220KV COPPERSTRING 2.0 PROJECT
STA = 47623
X=389026.70
Y=7703951.88
HT=38.00 ELE=510.28

DJR_MIS_104
220KV COPPERSTRING 2.0 PROJECT
STA = 47069
X=388476.90
Y=7703882.45
HT=55.70 ELE=453.26

DJR_MIS_105
220KV COPPERSTRING 2.0 PROJECT
STA = 46454
X=387866.84
Y=7703805.41
HT=55.70 ELE=443.88

DJR_MIS_106
220KV COPPERSTRING 2.0 PROJECT
STA = 45873
X=387290.12
Y=7703732.58
HT=61.70 ELE=437.69

DJR_MIS_107
220KV COPPERSTRING 2.0 PROJECT
STA = 45262
X=386683.71
Y=7703656.00
HT=61.70 ELE=422.21



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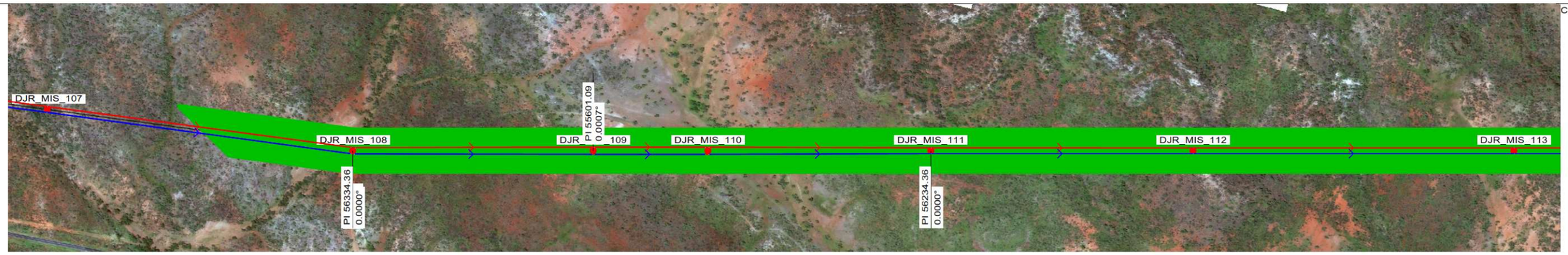
A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL
COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 21 OF 39

UGL DRAWING NO. 3200-0643-DP6-DRG-021 | SHEET 21 | AMDT A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

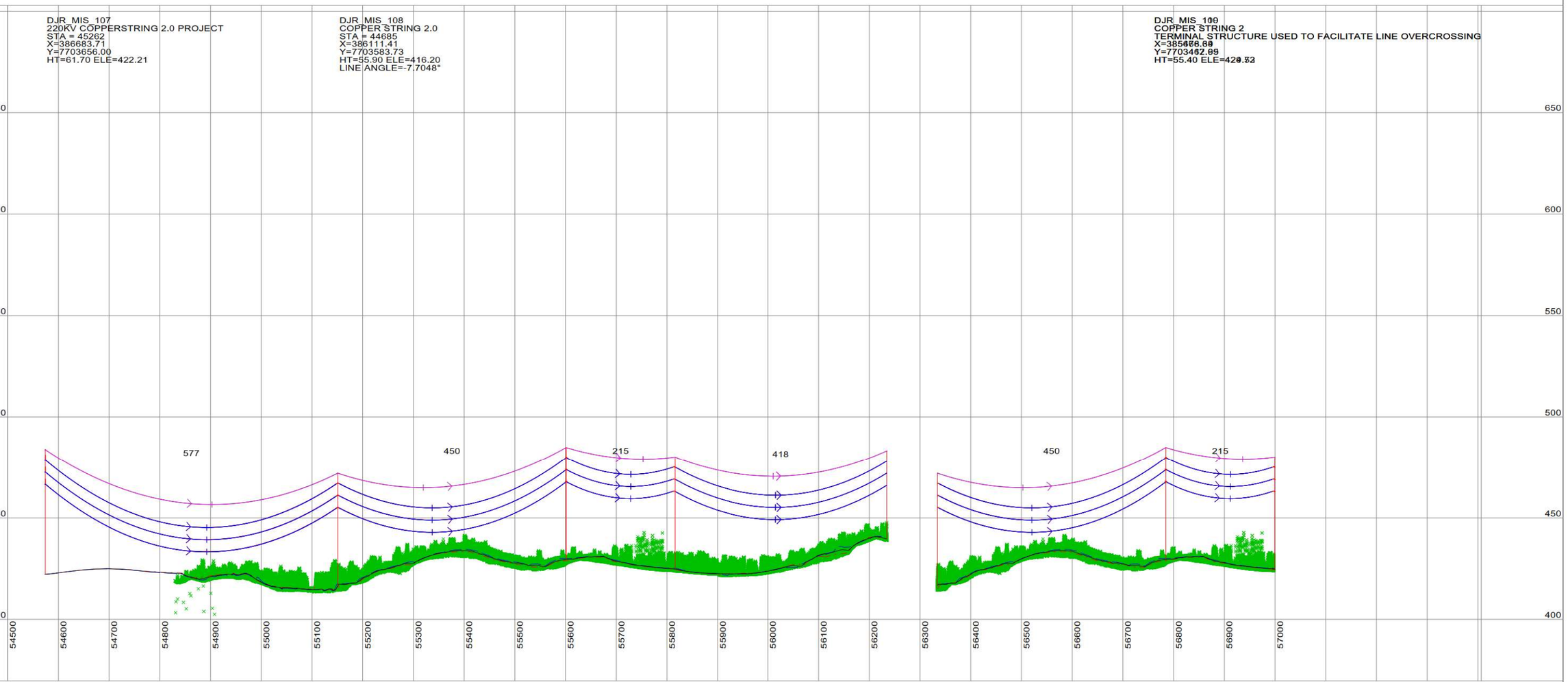
-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_107
220KV COPPERSTRING 2.0 PROJECT
STA = 45262
X=386683.71
Y=7703656.00
HT=61.70 ELE=422.21

DJR_MIS_108
COPPER STRING 2.0
STA = 44685
X=386111.41
Y=7703583.73
HT=55.90 ELE=416.20
LINE ANGLE=-7.7048°

DJR_MIS_109
COPPER STRING 2
TERMINAL STRUCTURE USED TO FACILITATE LINE OVERCROSSING
X=385666.69
Y=7703462.69
HT=55.40 ELE=420.52



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 22 OF 39

CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-022

SHEET: 22

AMDT: A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_110
COPPER STRING 2
TERMINAL STRUCTURE USED TO FACILITATE 132KV CROSSING
X=385468.69
Y=7703412.69
HT=55.40 ELE=424.73

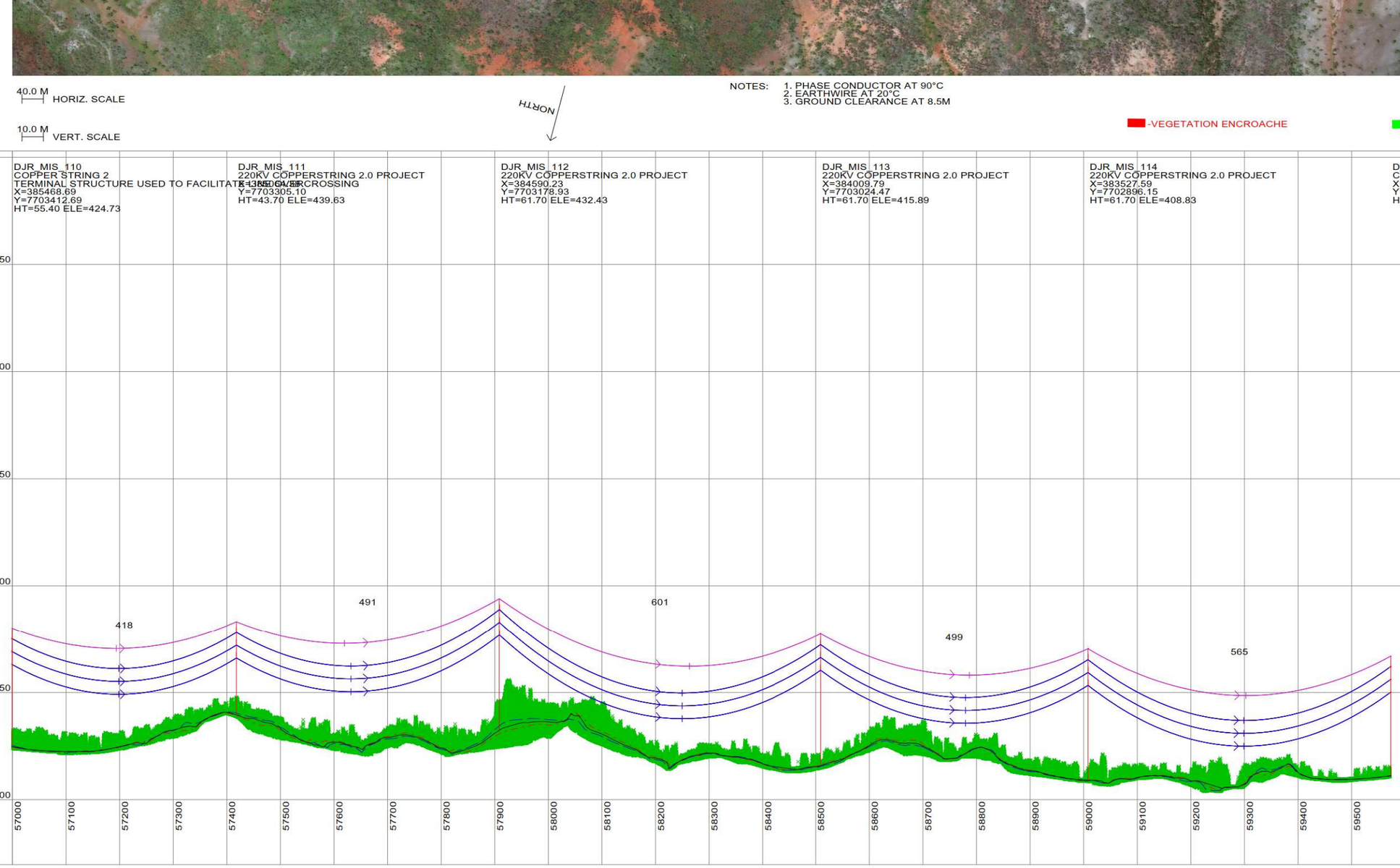
DJR_MIS_111
220KV COPPERSTRING 2.0 PROJECT
X=385064.58
Y=7703305.10
HT=43.70 ELE=439.63

DJR_MIS_112
220KV COPPERSTRING 2.0 PROJECT
X=384590.23
Y=7703178.93
HT=61.70 ELE=432.43

DJR_MIS_113
220KV COPPERSTRING 2.0 PROJECT
X=384009.79
Y=7703024.47
HT=61.70 ELE=415.89

DJR_MIS_114
220KV COPPERSTRING 2.0 PROJECT
X=383527.59
Y=7702896.15
HT=61.70 ELE=408.83

DJR_MIS_115
COPPER STRING 2.0
X=382981.59
Y=7702750.85
HT=55.90 ELE=411.09



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 23 OF 39

CLIENT COPPERSTRING

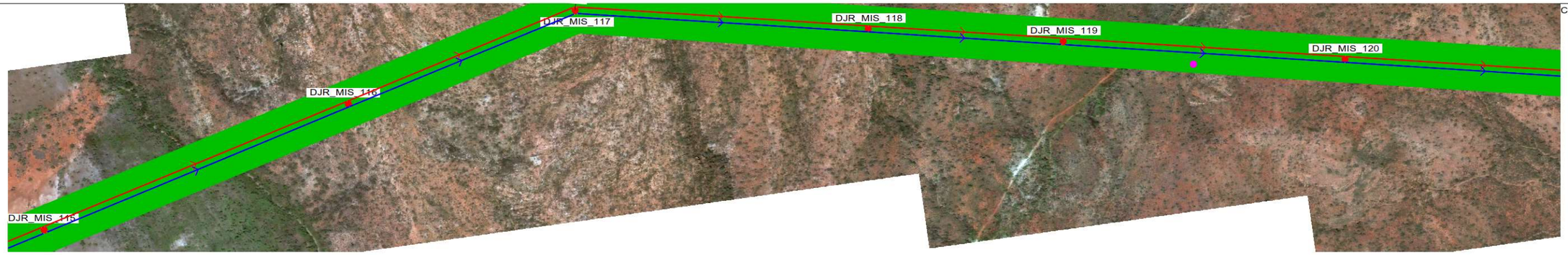
UGL DRAWING NO. 3200-0643-DP6-DRG-023

SHEET 23

AMDT A

100mm ON A1 ORIGINAL

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_115
COPPER STRING 2.0
X=382981.59
Y=7702750.85
HT=55.90 ELE=411.09

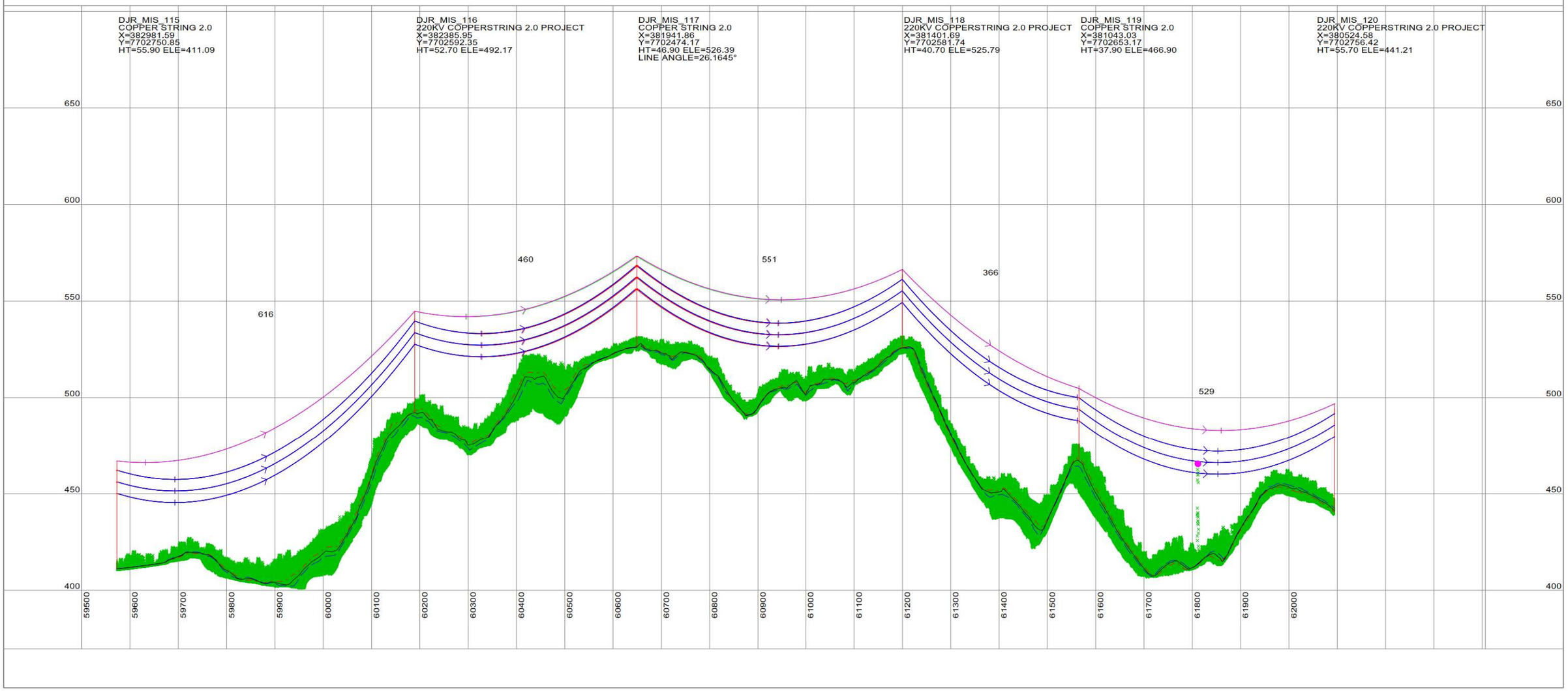
DJR_MIS_116
220KV COPPERSTRING 2.0 PROJECT
X=382385.95
Y=7702592.35
HT=52.70 ELE=492.17

DJR_MIS_117
COPPER STRING 2.0
X=381941.86
Y=7702474.17
HT=46.90 ELE=526.39
LINE ANGLE=26.1645°

DJR_MIS_118
220KV COPPERSTRING 2.0 PROJECT
X=381401.69
Y=7702581.74
HT=40.70 ELE=525.79

DJR_MIS_119
COPPER STRING 2.0
X=381043.03
Y=7702653.17
HT=37.90 ELE=466.90

DJR_MIS_120
220KV COPPERSTRING 2.0 PROJECT
X=380524.58
Y=7702756.42
HT=55.70 ELE=441.21



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A1

SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 24 OF 39

CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-024

SHEET: 24

AMDT: A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_120
220KV COPPERSTRING 2.0 PROJECT
X=380524.58
Y=7702756.42
HT=55.70 ELE=441.21

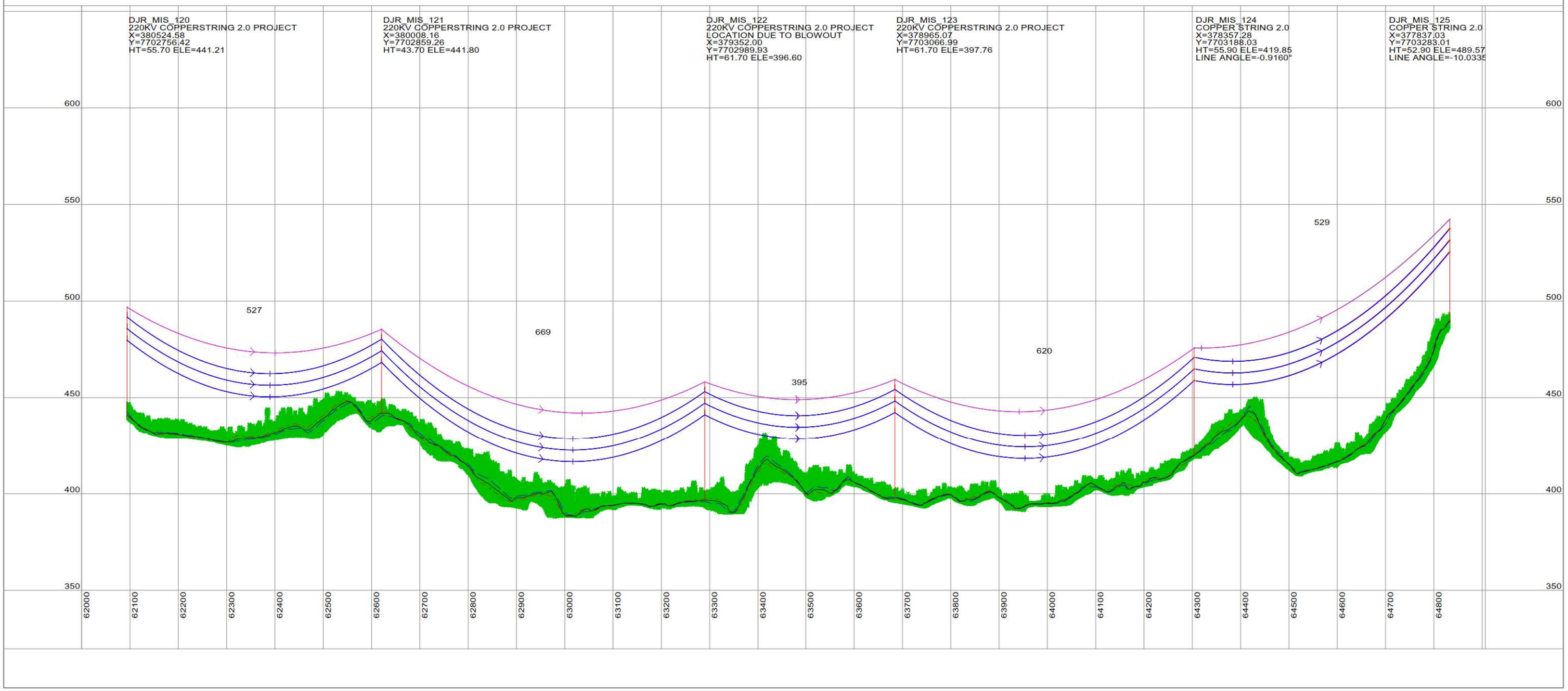
DJR_MIS_121
220KV COPPERSTRING 2.0 PROJECT
X=380008.16
Y=7702859.26
HT=43.70 ELE=441.80

DJR_MIS_122
220KV COPPERSTRING 2.0 PROJECT
LOCATION DUE TO BLOWOUT
X=379352.00
Y=7702989.93
HT=61.70 ELE=396.60

DJR_MIS_123
220KV COPPERSTRING 2.0 PROJECT
X=378965.07
Y=7703066.99
HT=61.70 ELE=397.76

DJR_MIS_124
COPPER STRING 2.0
X=378357.28
Y=7703188.03
HT=55.90 ELE=419.85
LINE ANGLE=-0.9160°

DJR_MIS_125
COPPER STRING 2.0
X=377837.03
Y=7703283.01
HT=52.90 ELE=489.57
LINE ANGLE=-10.0335



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A1

SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 25 OF 39

CLIENT COPPERSTRING

UGL DRAWING NO. 3200-0643-DP6-DRG-025

SHEET 25

AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL

PLS-CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_125
COPPER STRING 2.0
X=377837.03
Y=7703283.97
HT=52.90 ELE=498.29
LINE ANGLE=0.0000°

DJR_MIS_126
COPPER STRING 2.0 PROJECT
X=377662.36
Y=7703283.97
HT=52.90 ELE=498.29
LINE ANGLE=0.0000°

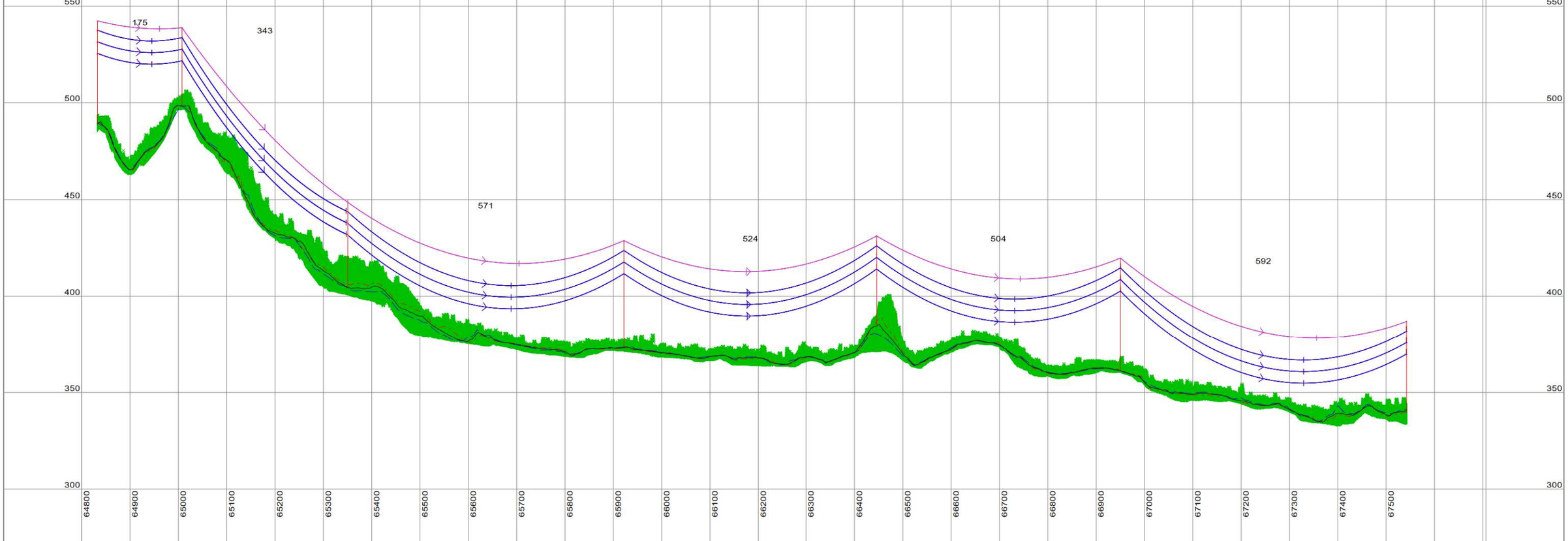
DJR_MIS_127
COPPER STRING 2.0
X=377319.24
Y=7703285.84
HT=43.90 ELE=404.67

DJR_MIS_128
220KV COPPERSTRING 2.0 PROJECT
X=376747.95
Y=7703288.97
HT=55.70 ELE=373.22

DJR_MIS_129
220KV COPPERSTRING 2.0 PROJECT
X=376224.09
Y=7703291.83
HT=46.70 ELE=384.63

DJR_MIS_130
220KV COPPERSTRING 2.0 PROJECT
X=375719.71
Y=7703294.59
HT=58.70 ELE=361.18

DJR_MIS_131
220KV COPPERSTRING 2.0 PROJECT
X=375127.75
Y=7703297.83
HT=46.70 ELE=340.36



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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 26 OF 39

CLIENT: COPPERSTRING
UGL DRAWING NO.: 3200-0643-DP6-DRG-026
SHEET: 26
AMDT: A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_131
220KV COPPERSTRING 2.0 PROJECT
X=375127.75
Y=7703297.83
HT=46.70 ELE=340.36

DJR_MIS_132A
220KV COPPERSTRING 2.0 PROJECT
X=374541.15
Y=7703311.04
HT=52.70 ELE=333.36

DJR_MIS_132B
220KV COPPERSTRING 2.0 PROJECT
X=374541.25
Y=7703291.04
HT=52.70 ELE=333.36

DJR_MIS_133
220KV COPPERSTRING 2.0 PROJECT
X=373973.91
Y=7703304.14
HT=52.70 ELE=344.85

DJR_MIS_134
220KV COPPERSTRING 2.0 PROJECT
X=373448.56
Y=7703307.01
HT=61.70 ELE=342.68

DJR_MIS_135
220KV COPPERSTRING 2.0 PROJECT
X=372949.55
Y=7703309.74
HT=55.70 ELE=362.76

DJR_MIS_136
COPPER STRING 2.0
X=372358.50
Y=7703312.97
HT=46.90 ELE=409.54
LINE ANGLE=-4.2747°

550 500 450 400 350 300

587, 587
567
567
525
499
591

67500 67600 67700 67800 67900 68000 68100 68200 68300 68400 68500 68600 68700 68800 68900 69000 69100 69200 69300 69400 69500 69600 69700 69800 69900 70000 70100 70200 70300

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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 27 OF 39

CLIENT: COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-027 | SHEET 27 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_136
COPPER STRING 2.0
X=372358.50
Y=7703312.97
HT=46.90 ELE=409.54
LINE ANGLE=-4.2747°

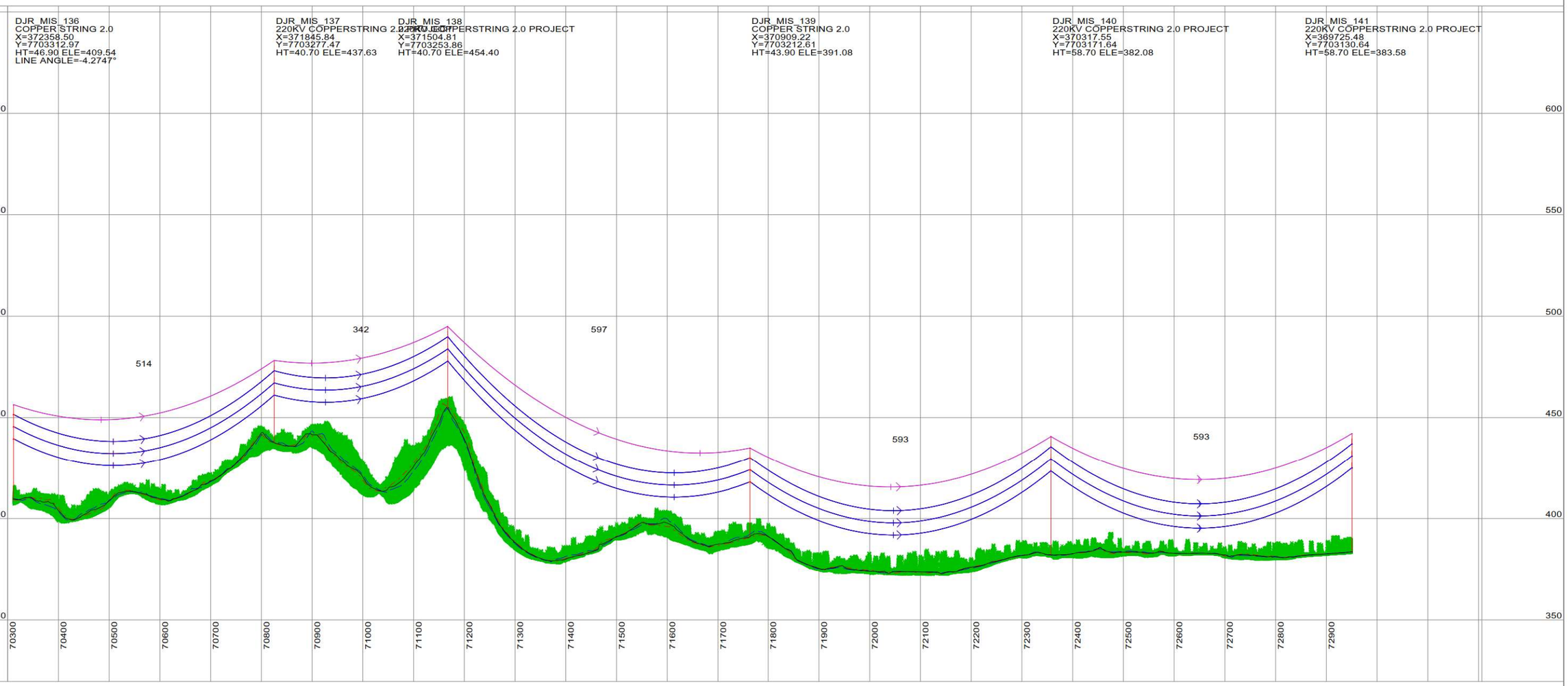
DJR_MIS_137
220KV COPPERSTRING 2.0 PROJECT
X=371845.84
Y=7703277.47
HT=40.70 ELE=437.63

DJR_MIS_138
220KV COPPERSTRING 2.0 PROJECT
X=371504.81
Y=7703253.86
HT=40.70 ELE=454.40

DJR_MIS_139
COPPER STRING 2.0
X=370909.22
Y=7703212.61
HT=43.90 ELE=391.08

DJR_MIS_140
220KV COPPERSTRING 2.0 PROJECT
X=370317.55
Y=7703171.64
HT=58.70 ELE=382.08

DJR_MIS_141
220KV COPPERSTRING 2.0 PROJECT
X=369725.48
Y=7703130.64
HT=58.70 ELE=383.58



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 28 OF 39

CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-028

SHEET: 28

AMDT: A

PLS-CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_141
220KV COPPERSTRING 2.0 PROJECT
X=369725.48
Y=7703130.64
HT=58.70 ELE=383.58

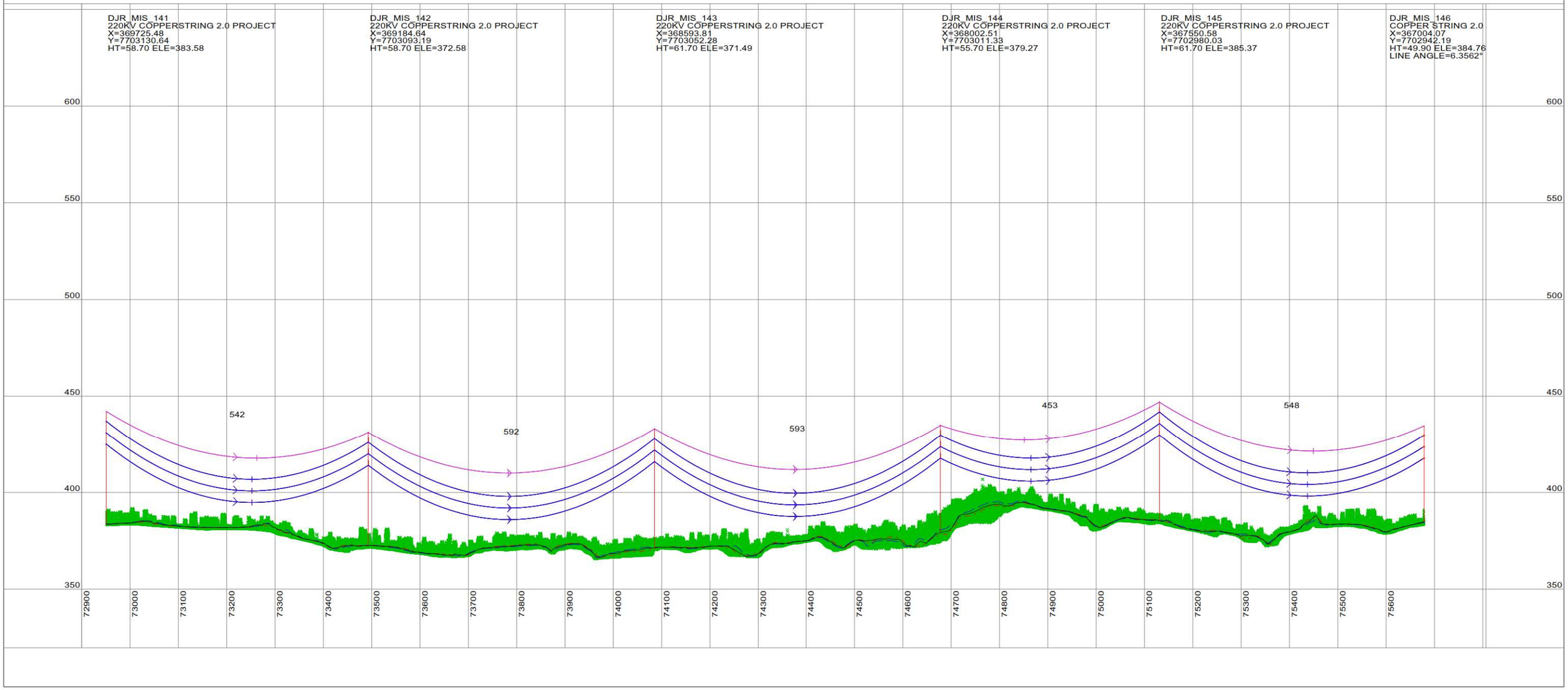
DJR_MIS_142
220KV COPPERSTRING 2.0 PROJECT
X=369184.64
Y=7703093.19
HT=58.70 ELE=372.58

DJR_MIS_143
220KV COPPERSTRING 2.0 PROJECT
X=368593.81
Y=7703052.28
HT=61.70 ELE=371.49

DJR_MIS_144
220KV COPPERSTRING 2.0 PROJECT
X=368002.51
Y=7703011.33
HT=55.70 ELE=379.27

DJR_MIS_145
220KV COPPERSTRING 2.0 PROJECT
X=367550.58
Y=7702980.03
HT=61.70 ELE=385.37

DJR_MIS_146
COPPER STRING 2.0
X=367004.07
Y=7702942.19
HT=49.90 ELE=384.76
LINE ANGLE=6.3562°



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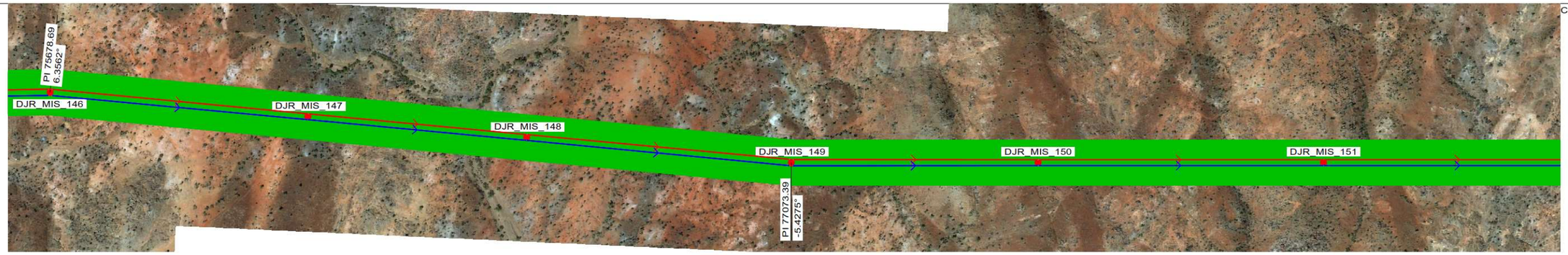
A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 29 OF 39

CLIENT: COPPERSTRING
UGL DRAWING NO.: 3200-0643-DP6-DRG-029
SHEET: 29
AMDT: A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_146
COPPER STRING 2.0
X=367004.07
Y=7702942.19
HT=49.90 ELE=384.76
LINE ANGLE=6.3562°

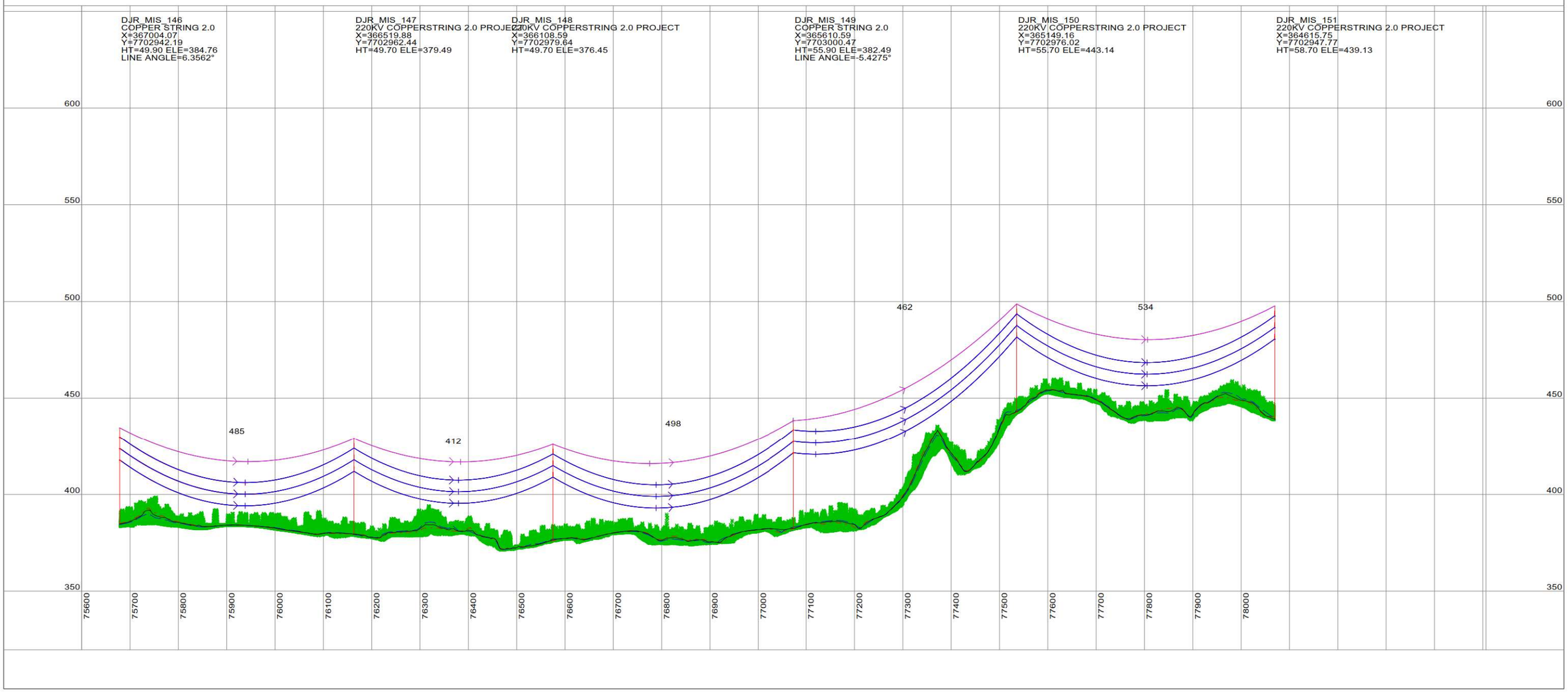
DJR_MIS_147
220KV COPPERSTRING 2.0 PROJECT
X=366519.88
Y=7702962.44
HT=49.70 ELE=379.49

DJR_MIS_148
220KV COPPERSTRING 2.0 PROJECT
X=366108.59
Y=7702979.64
HT=49.70 ELE=376.45

DJR_MIS_149
COPPER STRING 2.0
X=365610.59
Y=7703000.47
HT=55.90 ELE=382.49
LINE ANGLE=-5.4275°

DJR_MIS_150
220KV COPPERSTRING 2.0 PROJECT
X=365149.16
Y=7702976.02
HT=55.70 ELE=443.14

DJR_MIS_151
220KV COPPERSTRING 2.0 PROJECT
X=364615.75
Y=7702947.77
HT=58.70 ELE=439.13



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 30 OF 39

CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-030

SHEET: 30

AMDT: A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_151
220KV COPPERSTRING 2.0 PROJECT
X=364615.75
Y=7702947.77
HT=58.70 ELE=439.13

DJR_MIS_152
220KV COPPERSTRING 2.0 PROJECT
X=364106.72
Y=7702920.80
HT=43.70 ELE=438.03

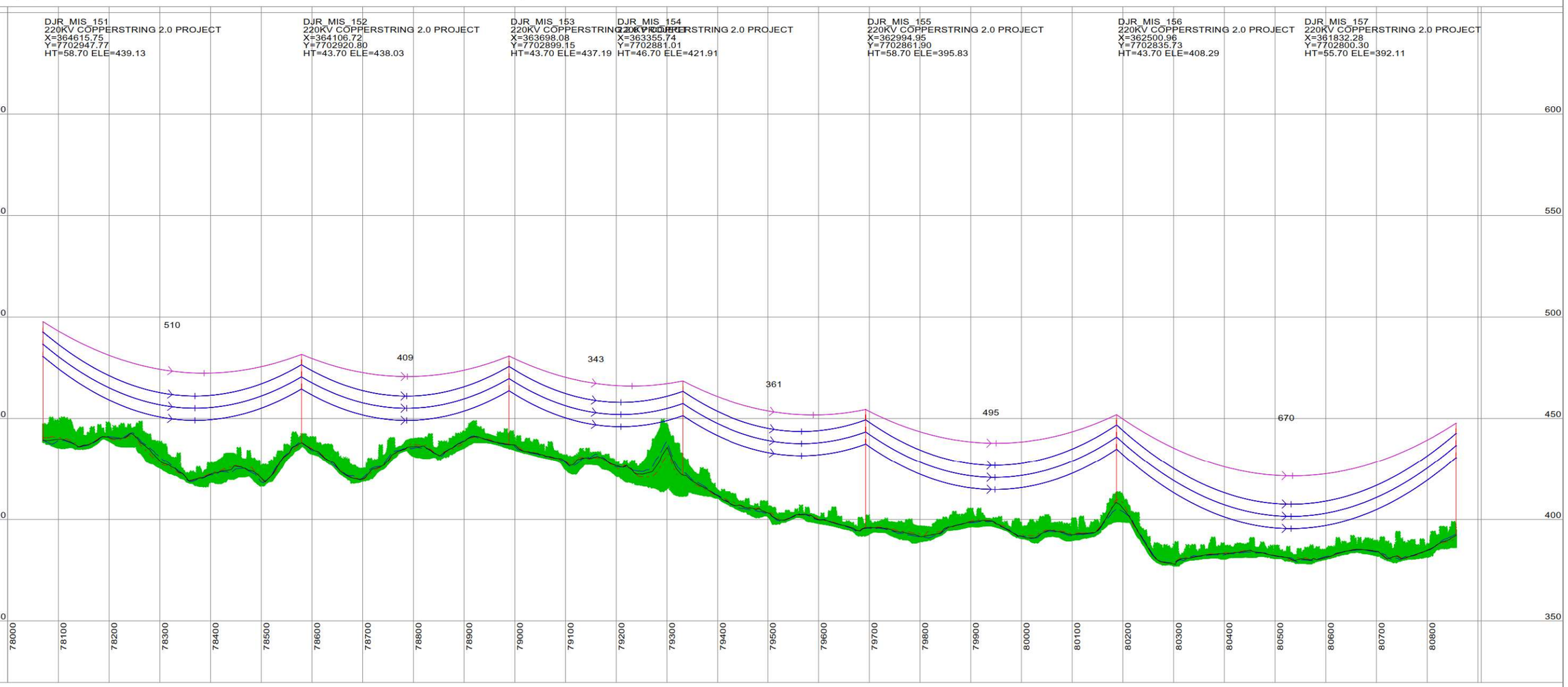
DJR_MIS_153
220KV COPPERSTRING 2.0 PROJECT
X=363698.08
Y=7702899.15
HT=43.70 ELE=437.19

DJR_MIS_154
220KV COPPERSTRING 2.0 PROJECT
X=363355.74
Y=7702881.01
HT=46.70 ELE=421.91

DJR_MIS_155
220KV COPPERSTRING 2.0 PROJECT
X=362994.95
Y=7702861.90
HT=58.70 ELE=395.83

DJR_MIS_156
220KV COPPERSTRING 2.0 PROJECT
X=362500.96
Y=7702835.73
HT=43.70 ELE=408.29

DJR_MIS_157
220KV COPPERSTRING 2.0 PROJECT
X=361832.28
Y=7702800.30
HT=55.70 ELE=392.11



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 31 OF 39

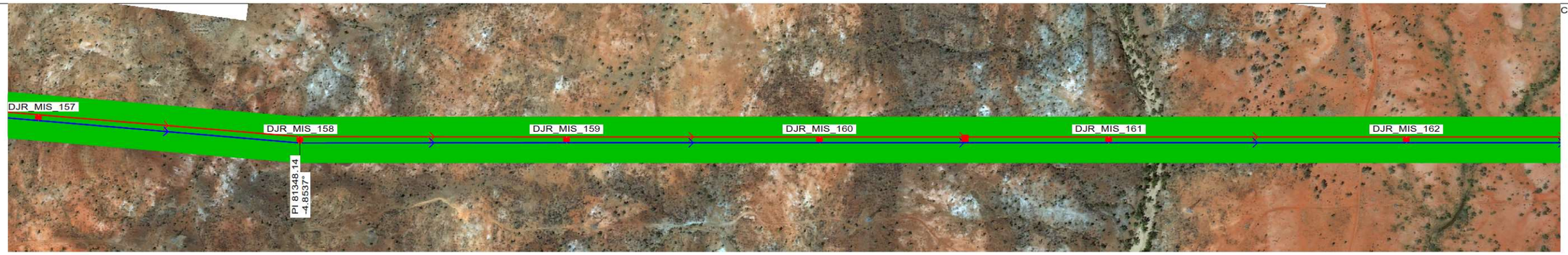
CLIENT: COPPERSTRING

UGL DRAWING NO.: 3200-0643-DP6-DRG-031

SHEET: 31

AMDT: A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_157
220KV COPPERSTRING 2.0 PROJECT
X=361832.28
Y=7702800.30
HT=55.70 ELE=392.11

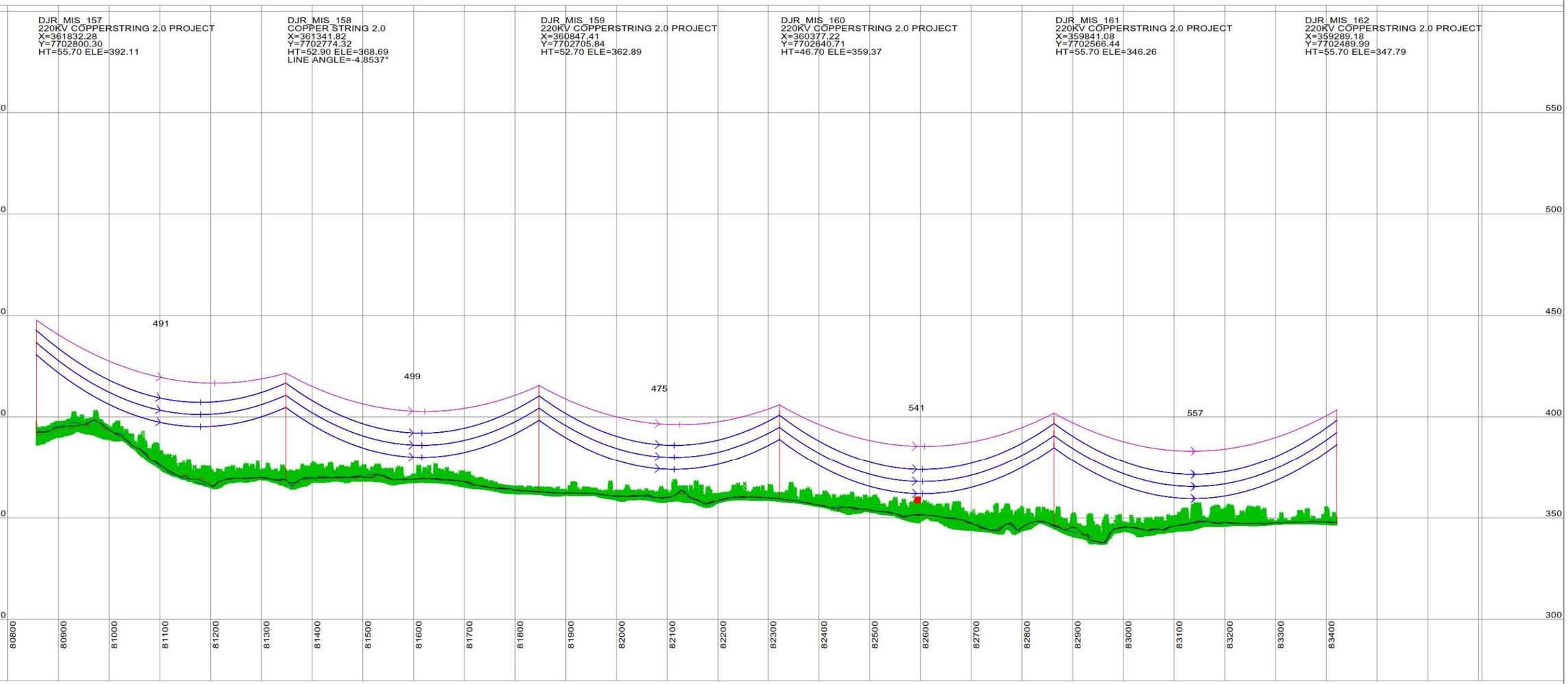
DJR_MIS_158
COPPER STRING 2.0
X=361341.82
Y=7702774.32
HT=52.90 ELE=368.69
LINE ANGLE=-4.8537°

DJR_MIS_159
220KV COPPERSTRING 2.0 PROJECT
X=360847.41
Y=7702705.84
HT=52.70 ELE=362.89

DJR_MIS_160
220KV COPPERSTRING 2.0 PROJECT
X=360377.22
Y=7702640.71
HT=46.70 ELE=359.37

DJR_MIS_161
220KV COPPERSTRING 2.0 PROJECT
X=359841.08
Y=7702566.44
HT=55.70 ELE=346.26

DJR_MIS_162
220KV COPPERSTRING 2.0 PROJECT
X=359289.18
Y=7702489.99
HT=55.70 ELE=347.79



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A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-032 | SHEET 32 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

UGL
COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 32 OF 39

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_162
220KV COPPERSTRING 2.0 PROJECT
X=359289.18
Y=7702489.99
HT=55.70 ELE=347.79

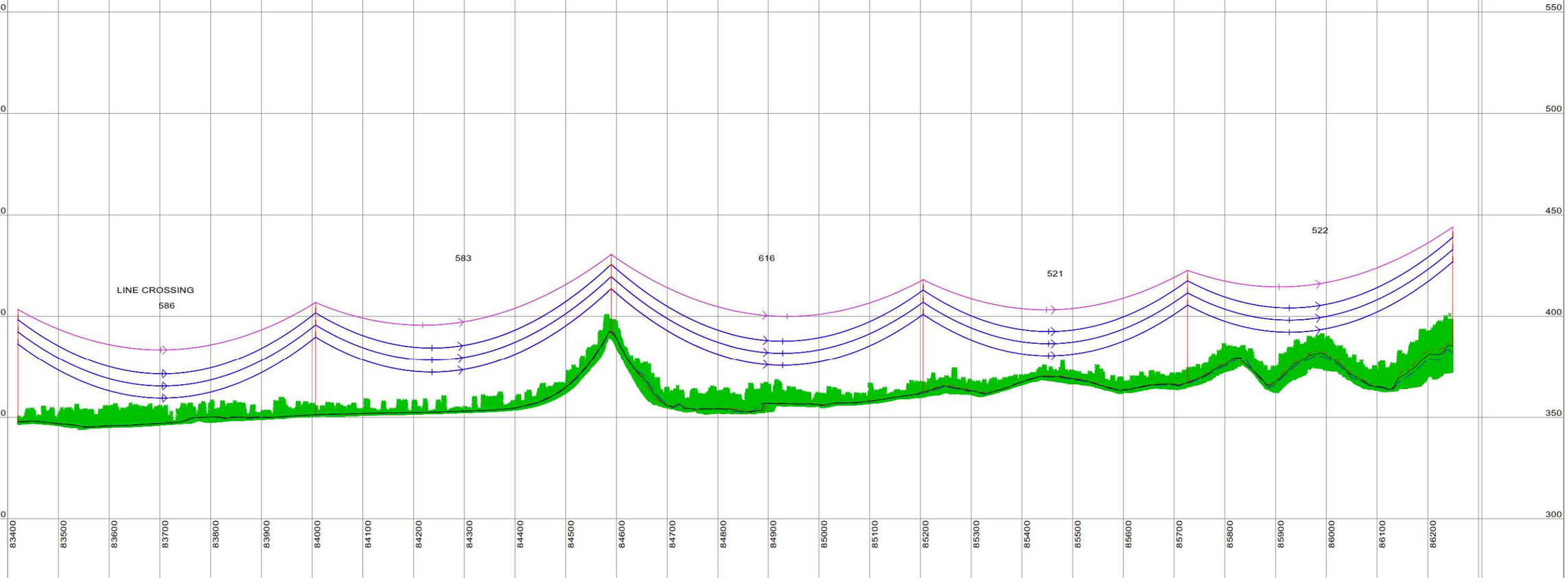
DJR_MIS_163
220KV COPPERSTRING 2.0 PROJECT
X=358708.33
Y=7702409.54
HT=55.70 ELE=351.25
LINE ANGLE=0.0000°

DJR_MIS_164
COPPER STRING 2.0
X=358131.18
Y=7702329.59
HT=37.90 ELE=392.58
LINE ANGLE=6.4072°

DJR_MIS_165
220KV COPPERSTRING 2.0 PROJECT
X=357515.43
Y=7702313.69
HT=55.70 ELE=362.47
LINE ANGLE=0.1627°

DJR_MIS_166
220KV COPPERSTRING 2.0 PROJECT
X=356994.39
Y=7702301.72
HT=55.70 ELE=367.10

DJR_MIS_167
220KV COPPERSTRING 2.0 PROJECT
X=356472.13
Y=7702289.72
HT=58.70 ELE=385.44



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A1

SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 33 OF 39

CLIENT COPPERSTRING

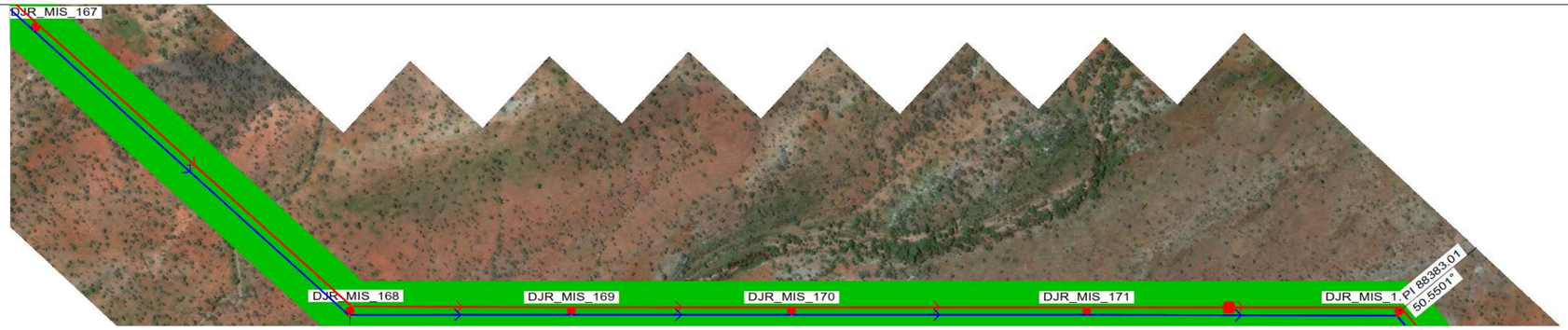
UGL DRAWING NO. 3200-0643-DP6-DRG-033

SHEET 33

AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL

PLS-CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_167
220KV COPPERSTRING 2.0 PROJECT
X=356472.13
Y=7702289.72
HT=58.70 ELE=385.44

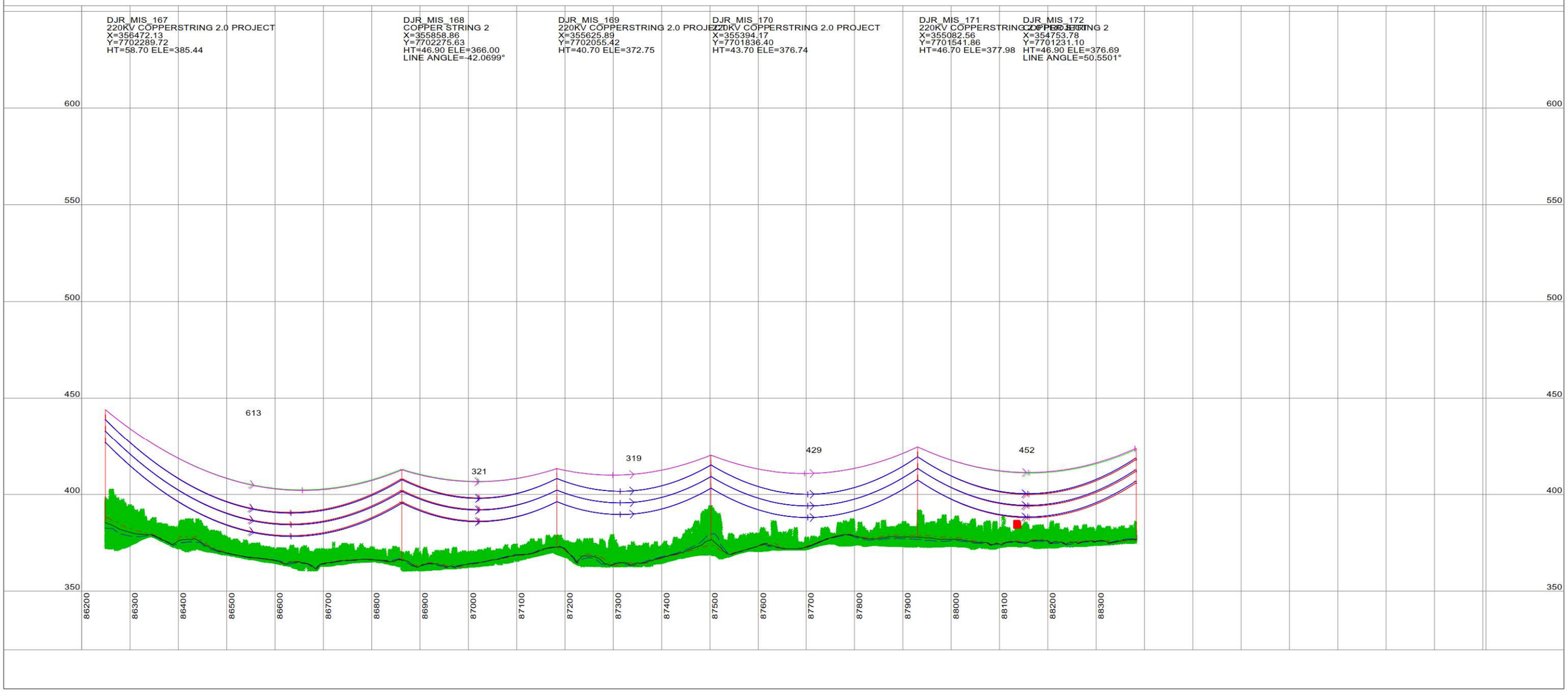
DJR_MIS_168
COPPER STRING 2
X=355858.86
Y=7702275.63
HT=46.90 ELE=366.00
LINE ANGLE=-42.0699°

DJR_MIS_169
220KV COPPERSTRING 2.0 PROJECT
X=355625.89
Y=7702055.42
HT=40.70 ELE=372.75

DJR_MIS_170
220KV COPPERSTRING 2.0 PROJECT
X=355394.17
Y=7701836.40
HT=43.70 ELE=376.74

DJR_MIS_171
220KV COPPERSTRING 2.0 PROJECT
X=355082.56
Y=7701541.86
HT=46.70 ELE=377.98

DJR_MIS_172
COPPER STRING 2
X=354753.78
Y=7701231.10
HT=46.90 ELE=376.69
LINE ANGLE=50.5501°



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 34 OF 39

CLIENT COPPERSTRING

UGL DRAWING NO. 3200-0643-DP6-DRG-034

SHEET 34

AMDT A

100mm ON A1 ORIGINAL

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_172
COPPER STRING 2
X=354753.78
Y=7701231.10
HT=46.90 ELE=376.69
LINE ANGLE=50.5501°

DJR_MIS_173
COPPER STRING 2.0
X=354393.16
Y=7701276.42
HT=55.90 ELE=414.18
LINE ANGLE=-0.0000°

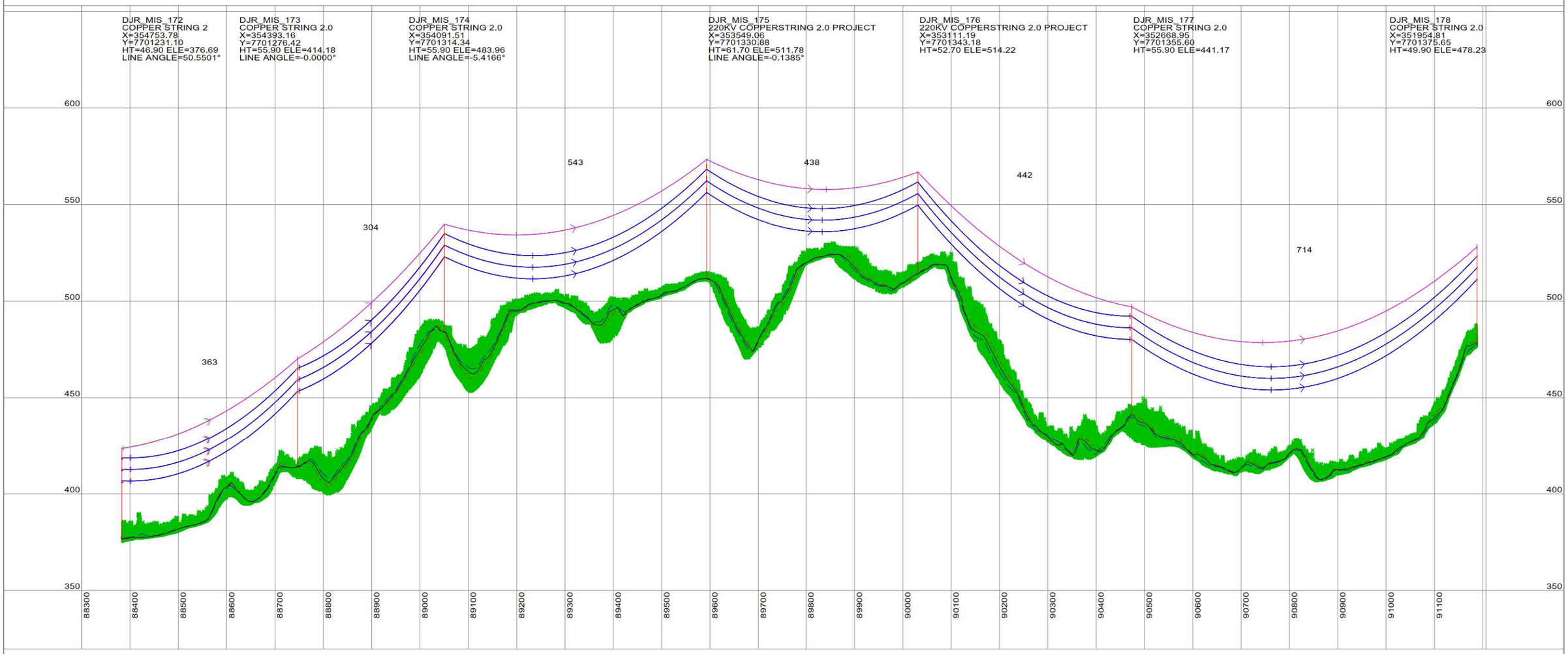
DJR_MIS_174
COPPER STRING 2.0
X=354091.51
Y=7701314.34
HT=55.90 ELE=483.96
LINE ANGLE=-5.4166°

DJR_MIS_175
220KV COPPERSTRING 2.0 PROJECT
X=353549.06
Y=7701330.88
HT=61.70 ELE=511.78
LINE ANGLE=-0.1385°

DJR_MIS_176
220KV COPPERSTRING 2.0 PROJECT
X=353111.19
Y=7701343.18
HT=52.70 ELE=514.22

DJR_MIS_177
COPPER STRING 2.0
X=352668.95
Y=7701355.60
HT=55.90 ELE=441.17

DJR_MIS_178
COPPER STRING 2.0
X=351954.81
Y=7701375.65
HT=49.90 ELE=478.23



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 35 OF 39

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-035	35	A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_178
COPPER STRING 2.0
X=351954.81
Y=7701375.65
HT=49.90 ELE=478.23

DJR_MIS_179
220KV COPPERSTRING 2.0 PROJECT
X=351672.17
Y=7701383.59
HT=38.00 ELE=544.90

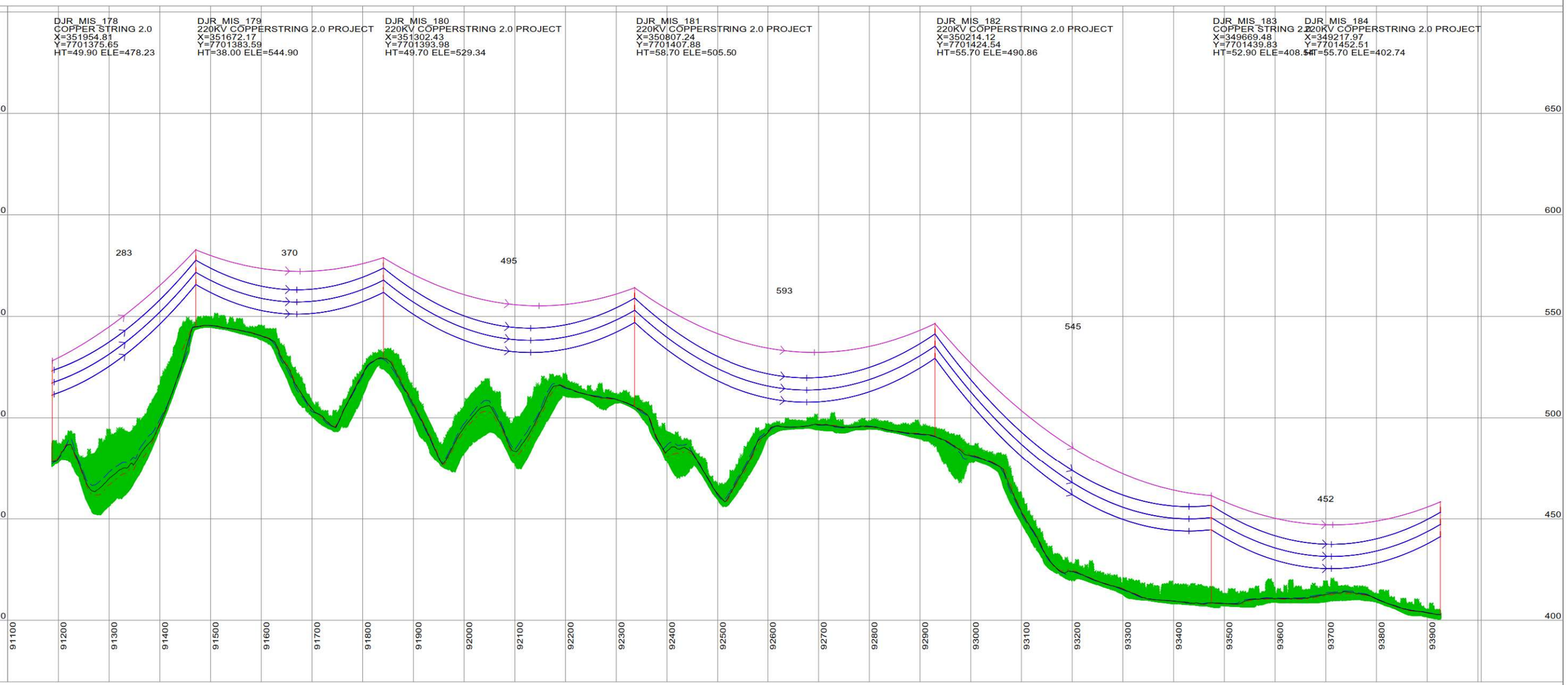
DJR_MIS_180
220KV COPPERSTRING 2.0 PROJECT
X=351302.43
Y=7701393.98
HT=49.70 ELE=529.34

DJR_MIS_181
220KV COPPERSTRING 2.0 PROJECT
X=350807.24
Y=7701407.88
HT=58.70 ELE=505.50

DJR_MIS_182
220KV COPPERSTRING 2.0 PROJECT
X=350214.12
Y=7701424.54
HT=55.70 ELE=490.86

DJR_MIS_183
COPPER STRING 2.0
X=349669.48
Y=7701439.83
HT=52.90 ELE=408.54

DJR_MIS_184
220KV COPPERSTRING 2.0 PROJECT
X=349217.97
Y=7701452.51
HT=55.70 ELE=402.74



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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 36 OF 39

CLIENT: COPPERSTRING
UGL DRAWING NO.: 3200-0643-DP6-DRG-036
SHEET: 36
AMDT: A

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_184
220KV COPPERSTRING 2.0 PROJECT
X=349217.97
Y=7701452.51
HT=55.70 ELE=402.74

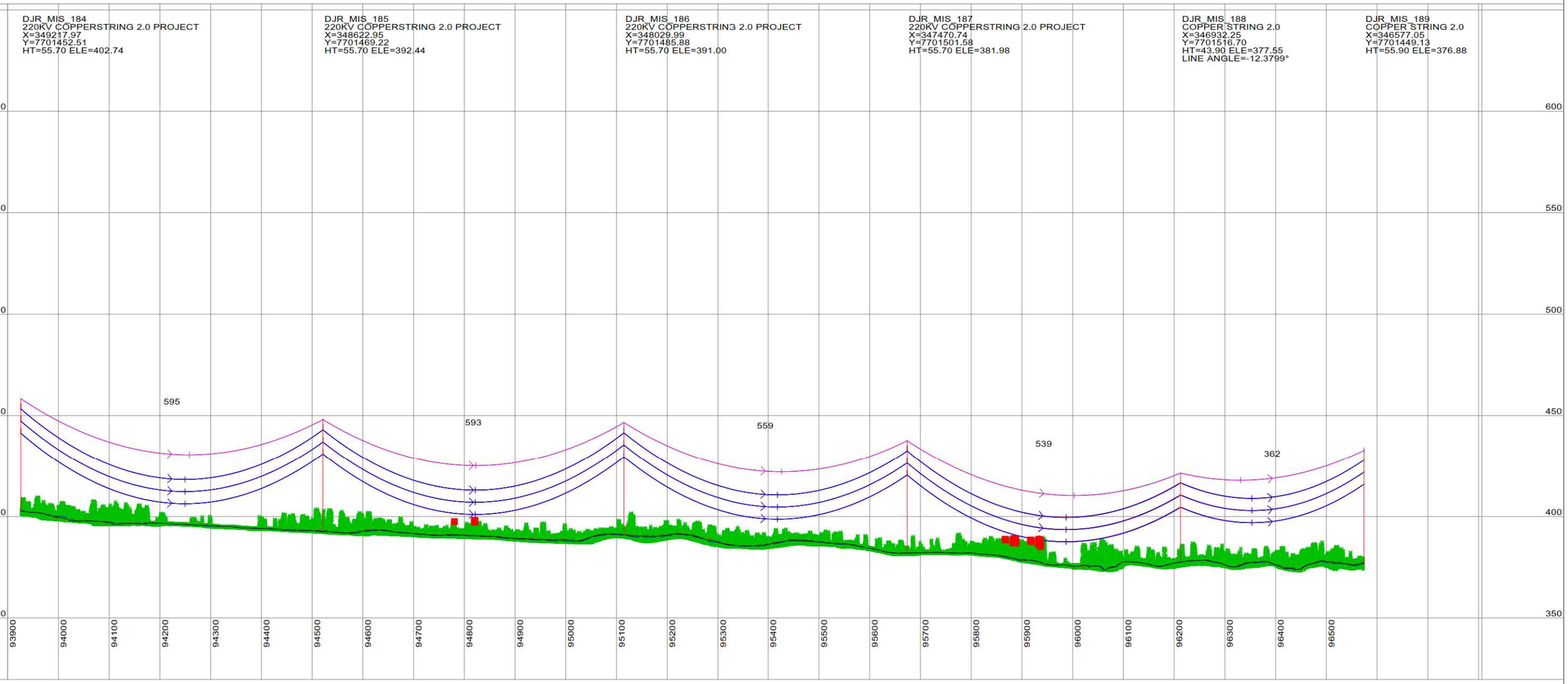
DJR_MIS_185
220KV COPPERSTRING 2.0 PROJECT
X=348622.95
Y=7701469.22
HT=55.70 ELE=392.44

DJR_MIS_186
220KV COPPERSTRING 2.0 PROJECT
X=348029.99
Y=7701485.88
HT=55.70 ELE=391.00

DJR_MIS_187
220KV COPPERSTRING 2.0 PROJECT
X=347470.74
Y=7701501.58
HT=55.70 ELE=381.98

DJR_MIS_188
COPPER STRING 2.0
X=346932.25
Y=7701516.70
HT=43.90 ELE=377.55
LINE ANGLE=-12.3799°

DJR_MIS_189
COPPER STRING 2.0
X=346577.05
Y=7701449.13
HT=55.90 ELE=376.88



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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 37 OF 39

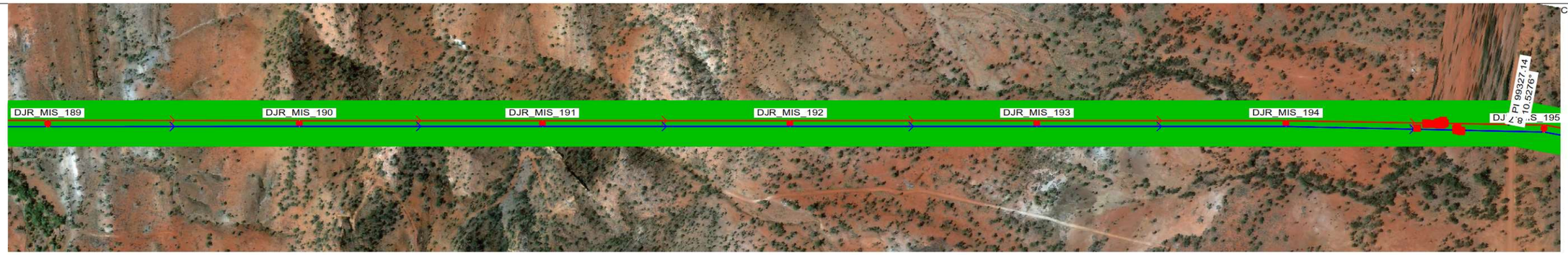
CLIENT COPPERSTRING

UGL DRAWING NO. 3200-0643-DP6-DRG-037

SHEET 37

AMDT A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_189
COPPER STRING 2.0
X=346577.05
Y=7701449.13
HT=55.90 ELE=376.88

DJR_MIS_190
220KV COPPERSTRING 2.0 PROJECT
X=346114.37
Y=7701361.11
HT=38.00 ELE=456.39

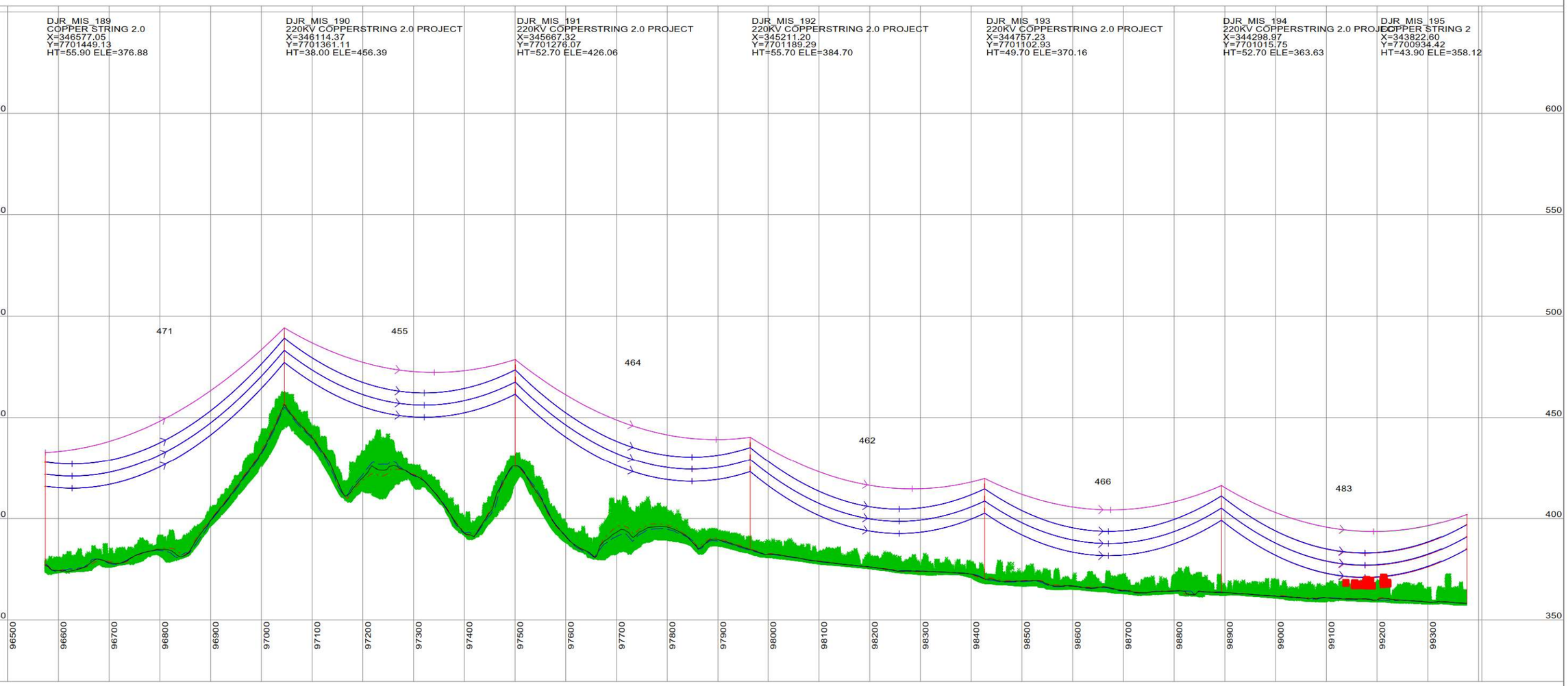
DJR_MIS_191
220KV COPPERSTRING 2.0 PROJECT
X=345667.32
Y=7701276.07
HT=52.70 ELE=426.06

DJR_MIS_192
220KV COPPERSTRING 2.0 PROJECT
X=345211.20
Y=7701189.29
HT=55.70 ELE=384.70

DJR_MIS_193
220KV COPPERSTRING 2.0 PROJECT
X=344757.23
Y=7701102.93
HT=49.70 ELE=370.16

DJR_MIS_194
220KV COPPERSTRING 2.0 PROJECT
X=344298.97
Y=7701015.75
HT=52.70 ELE=363.63

DJR_MIS_195
COPPER STRING 2
X=343822.60
Y=7700934.42
HT=43.90 ELE=358.12



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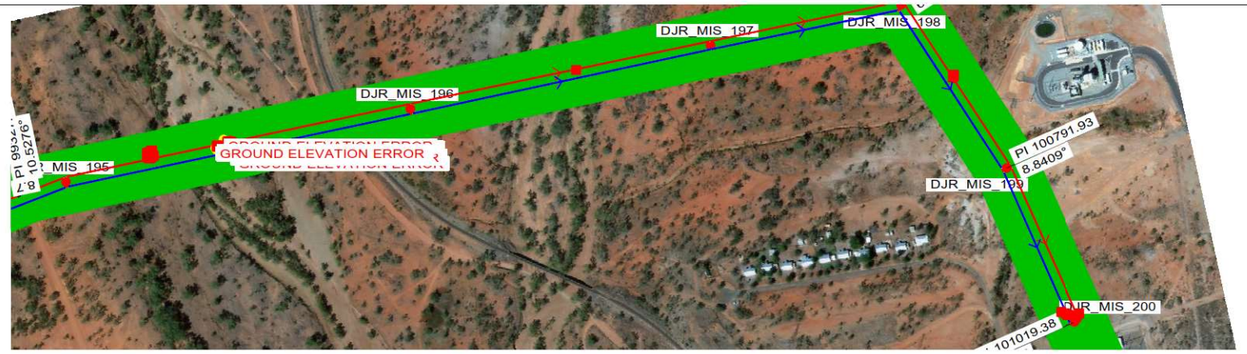
A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-038 | SHEET 38 | AMDT A

UGL
COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 38 OF 39

CONFIRM SCALE 100mm ON A1 ORIGINAL

PLS-CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. EARTHWIRE AT 20°C
3. GROUND CLEARANCE AT 8.5M

-VEGETATION ENCROACHE

-VEGETATION

DJR_MIS_195
COPPER STRING 2
X=343822.60
Y=7700934.42
HT=43.90 ELE=358.12

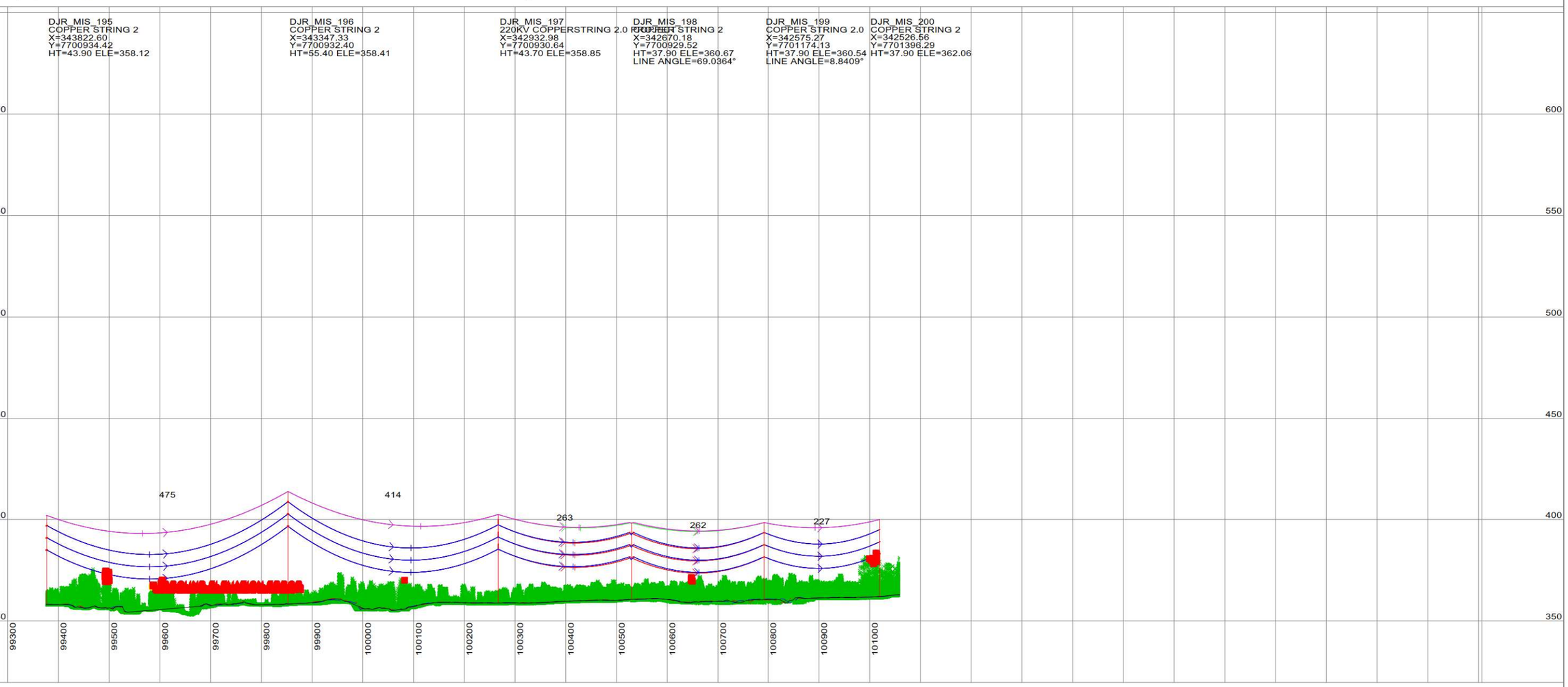
DJR_MIS_196
COPPER STRING 2
X=343347.33
Y=7700932.40
HT=55.40 ELE=358.41

DJR_MIS_197
220KV COPPERSTRING 2.0 PROJECT
X=342932.98
Y=7700930.64
HT=43.70 ELE=358.85

DJR_MIS_198
COPPER STRING 2
X=342670.18
Y=7700929.52
HT=37.90 ELE=360.67
LINE ANGLE=69.0364°

DJR_MIS_199
COPPER STRING 2.0
X=342575.27
Y=7701174.13
HT=37.90 ELE=360.54
LINE ANGLE=8.8409°

DJR_MIS_200
COPPER STRING 2
X=342526.56
Y=7701396.29
HT=37.90 ELE=362.06



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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
DAJARRA ROAD TO MT ISA
220KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 39 OF 39

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-039	39	A