

CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

202
D3S2+12(WR-A)
X=315412.94
Y=7696558.18
HT=63.90 ELE=458.12

203
AD3S0+12(WR-A)
X=315950.23
Y=7696787.79
HT=63.90 ELE=449.34

204
AD3S0+12(WR-A)
X=316487.52
Y=7697017.39
HT=63.90 ELE=442.91

205
AD3S0+12(WR-A)
X=317024.82
Y=7697247.00
HT=63.90 ELE=439.69

206
AD3S0+12(WR-A)
X=317562.11
Y=7697476.61
HT=63.90 ELE=438.58



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UGL
ABN 96 096 365 972
40 MILLER STREET
NORTH SYDNEY NSW 2060
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A1

SCALE@A1
AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET48 OF 142

CLIENT
COPPERSTRING

UGL DRAWING NO.
3200-0643-DP6-DRG-0048

SHEET 48

AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL



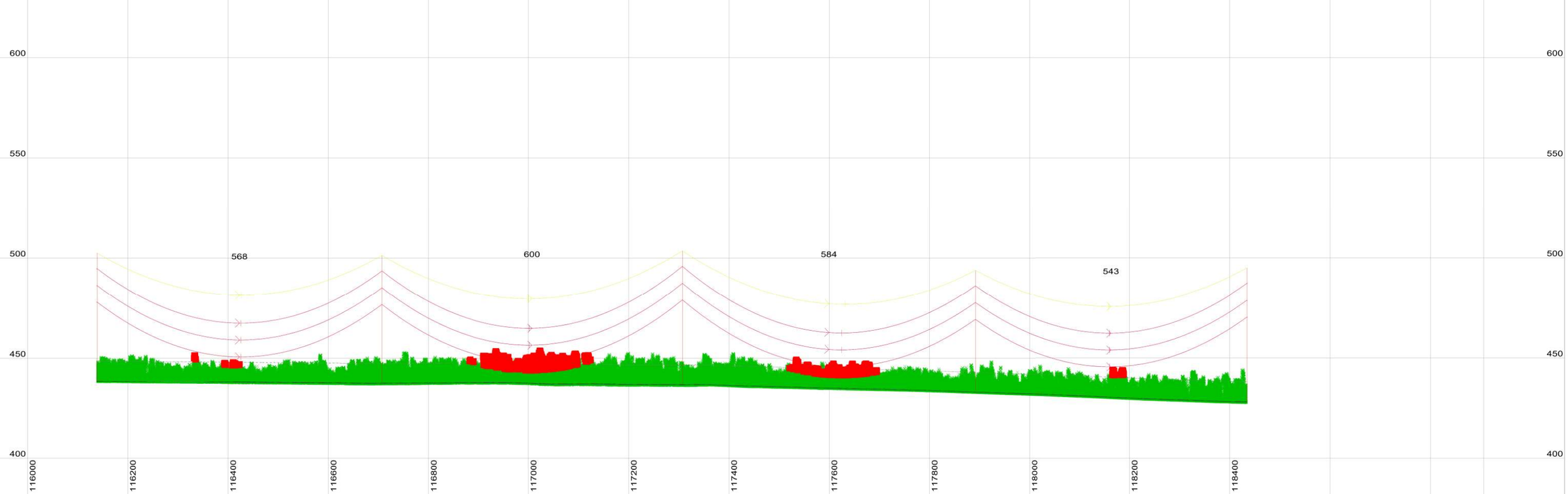
206
AD3S0+12(WR-A)
X=317562.11
Y=7697476.61
HT=63.90 ELE=438.58

207
AD3S0+12(WR-A)
X=318084.61
Y=7697699.90
HT=63.90 ELE=437.41

208
AD3S0+15(WR-A)
X=318636.70
Y=7697935.83
HT=66.90 ELE=436.68

209
AD3S0+9(WR-A)
X=319173.99
Y=7698165.44
HT=60.90 ELE=432.99

210
AD3S0+15(WR-A)
X=319672.96
Y=7698378.67
HT=66.90 ELE=428.07



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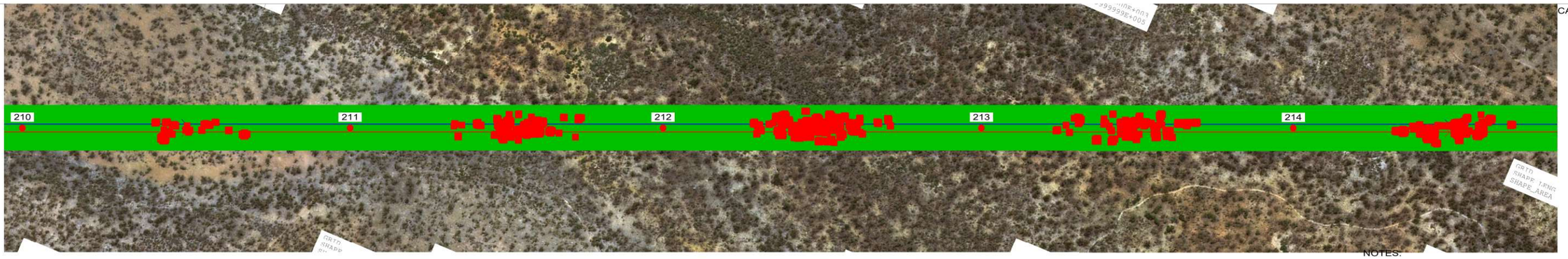
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET49 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0049 | SHEET 49 | 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. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

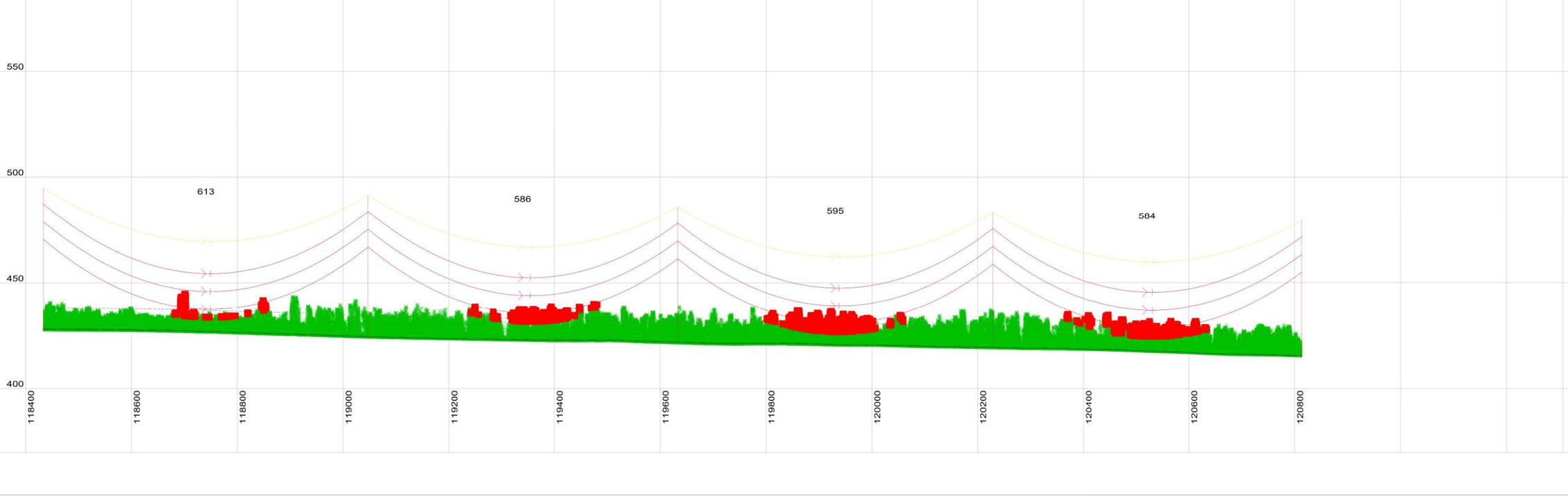
210
AD3S0+15(WR-A)
X=319672.96
Y=7698378.67
HT=66.90 ELE=428.07

211
AD3S0+15(WR-A)
X=320236.61
Y=7698619.54
HT=66.90 ELE=424.53

212
AD3S0+12(WR-A)
X=320775.69
Y=7698849.91
HT=63.90 ELE=422.01

213
AD3S0+12(WR-A)
X=321323.16
Y=7699083.87
HT=63.90 ELE=419.47

214
AD3S0+12(WR-A)
X=321860.46
Y=7699313.48
HT=63.90 ELE=415.55



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A1

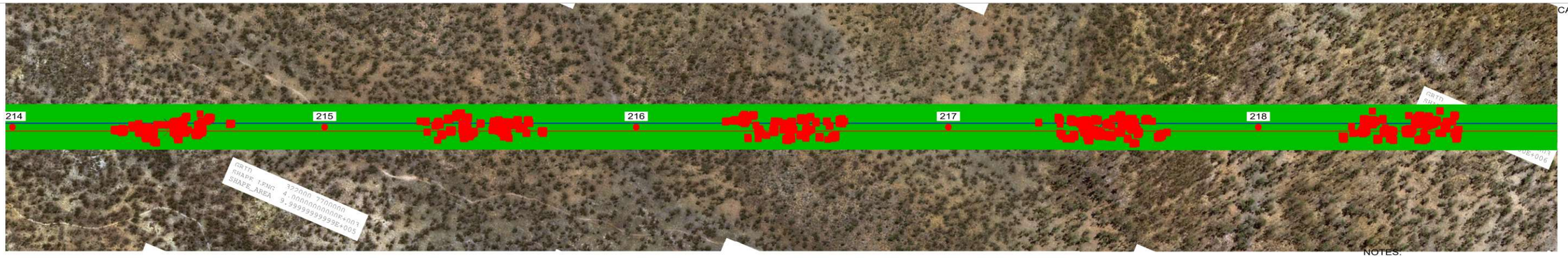
SCALE@A1
AS SHOWN

CONFIRM SCALE
100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET50 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0050	50	A



CADD DRAWING

NOTES:

1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

VEGETATION INTRUSION

VEGETATION

214
AD3S0+12(WR-A)
X=321860.46
Y=7699313.48
HT=63.90 ELE=415.55

215
AD3S0+12(WR-A)
X=322397.75
Y=7699543.09
HT=63.90 ELE=410.98

216
AD3S0+12(WR-A)
X=322935.04
Y=7699772.70
HT=63.90 ELE=408.19

217
AD3S0+12(WR-A)
X=323472.34
Y=7700002.31
HT=63.90 ELE=407.05

218
AD3S0+12(WR-A)
X=324006.75
Y=7700230.68
HT=63.90 ELE=406.63

650
600
550
500
450
400

584
584
584
581

120800 121000 121200 121400 121600 121800 122000 122200 122400 122600 122800 123000

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A1

SCALE@A1 AS SHOWN

CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET51 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0051	51	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

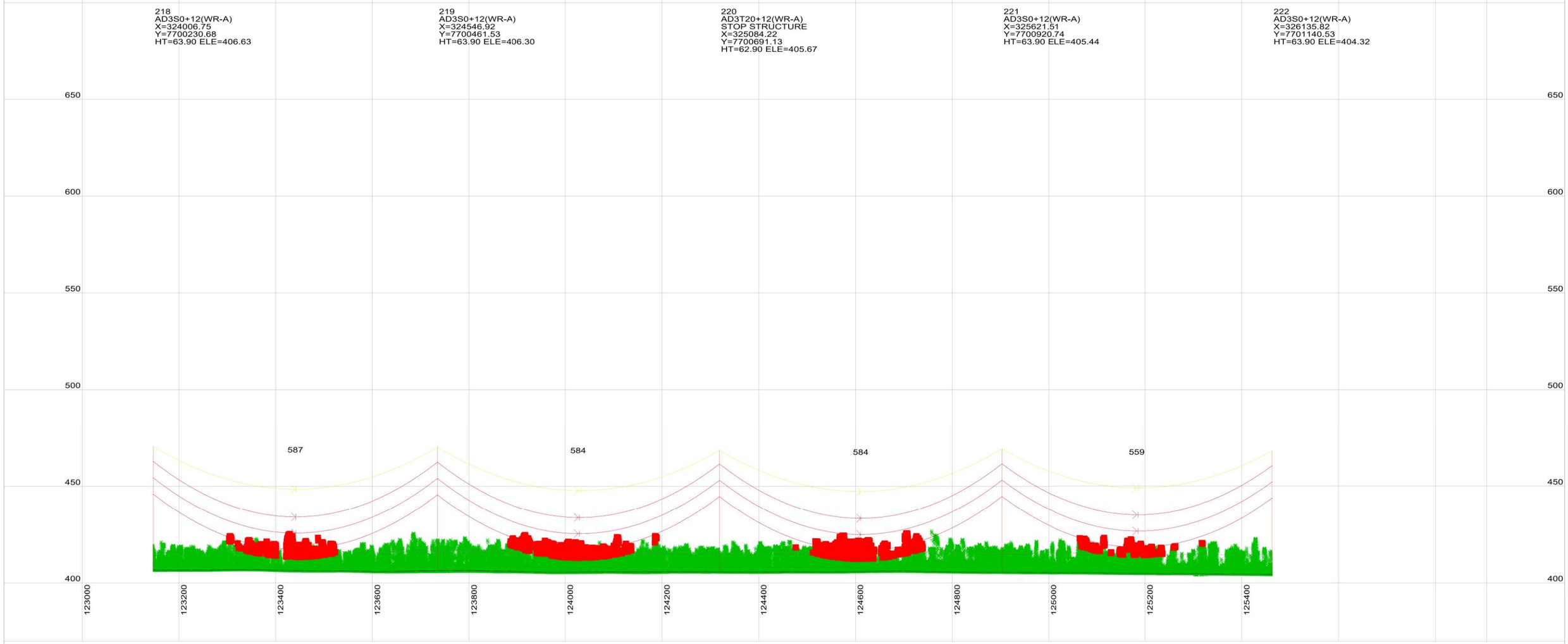
218
AD3S0+12(WR-A)
X=324006.75
Y=7700230.68
HT=63.90 ELE=406.63

219
AD3S0+12(WR-A)
X=324546.92
Y=7700461.53
HT=63.90 ELE=406.30

220
AD3T20+12(WR-A)
STOP STRUCTURE
X=325084.22
Y=7700691.13
HT=62.90 ELE=405.67

221
AD3S0+12(WR-A)
X=325621.51
Y=7700920.74
HT=63.90 ELE=405.44

222
AD3S0+12(WR-A)
X=326135.82
Y=7701140.53
HT=63.90 ELE=404.32



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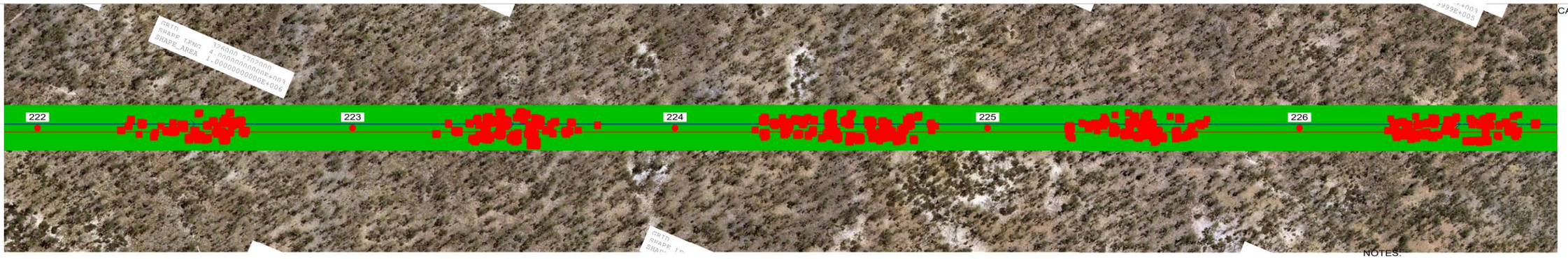
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET52 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0052	52	A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

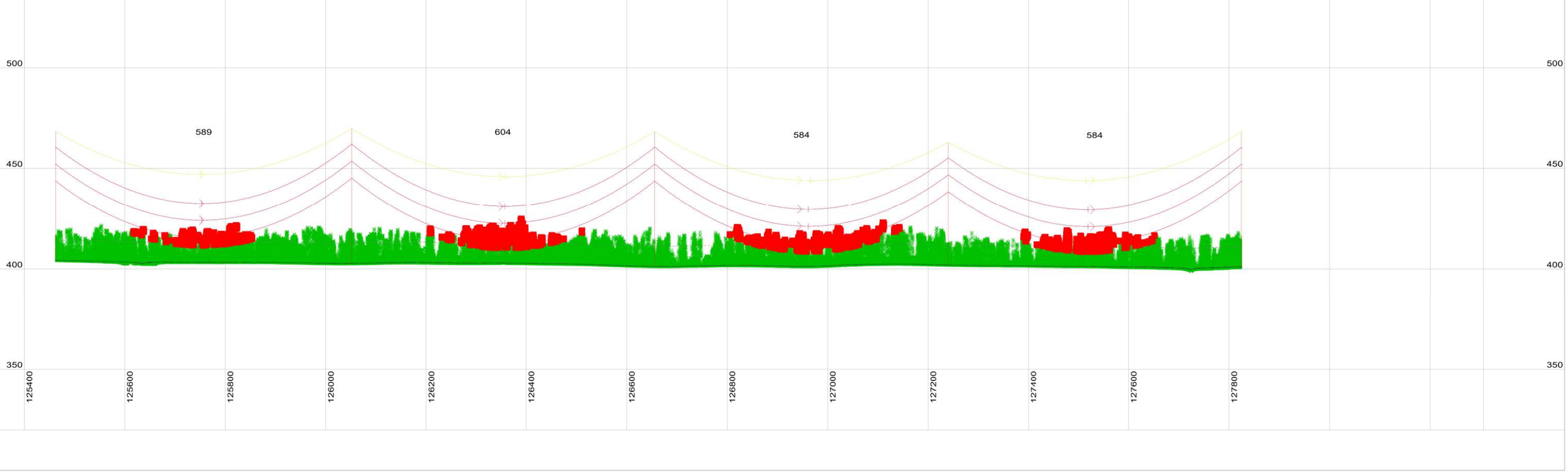
222
AD3S0+12(WR-A)
X=326135.82
Y=7701140.53
HT=63.90 ELE=404.32

223
AD3S0+15(WR-A)
X=326677.71
Y=7701372.10
HT=66.90 ELE=402.79

224
AD3S0+15(WR-A)
X=327233.23
Y=7701609.50
HT=66.90 ELE=401.33

225
AD3S0+9(WR-A)
X=327770.68
Y=7701839.18
HT=60.90 ELE=402.01

226
AD3S0+15(WR-A)
X=328307.98
Y=7702068.79
HT=66.90 ELE=401.18



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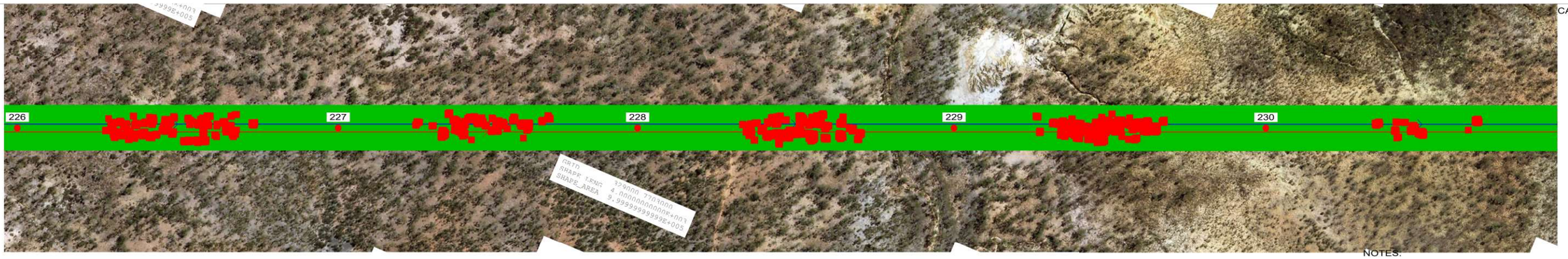
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET53 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0053	53	A

CONFIRM SCALE 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

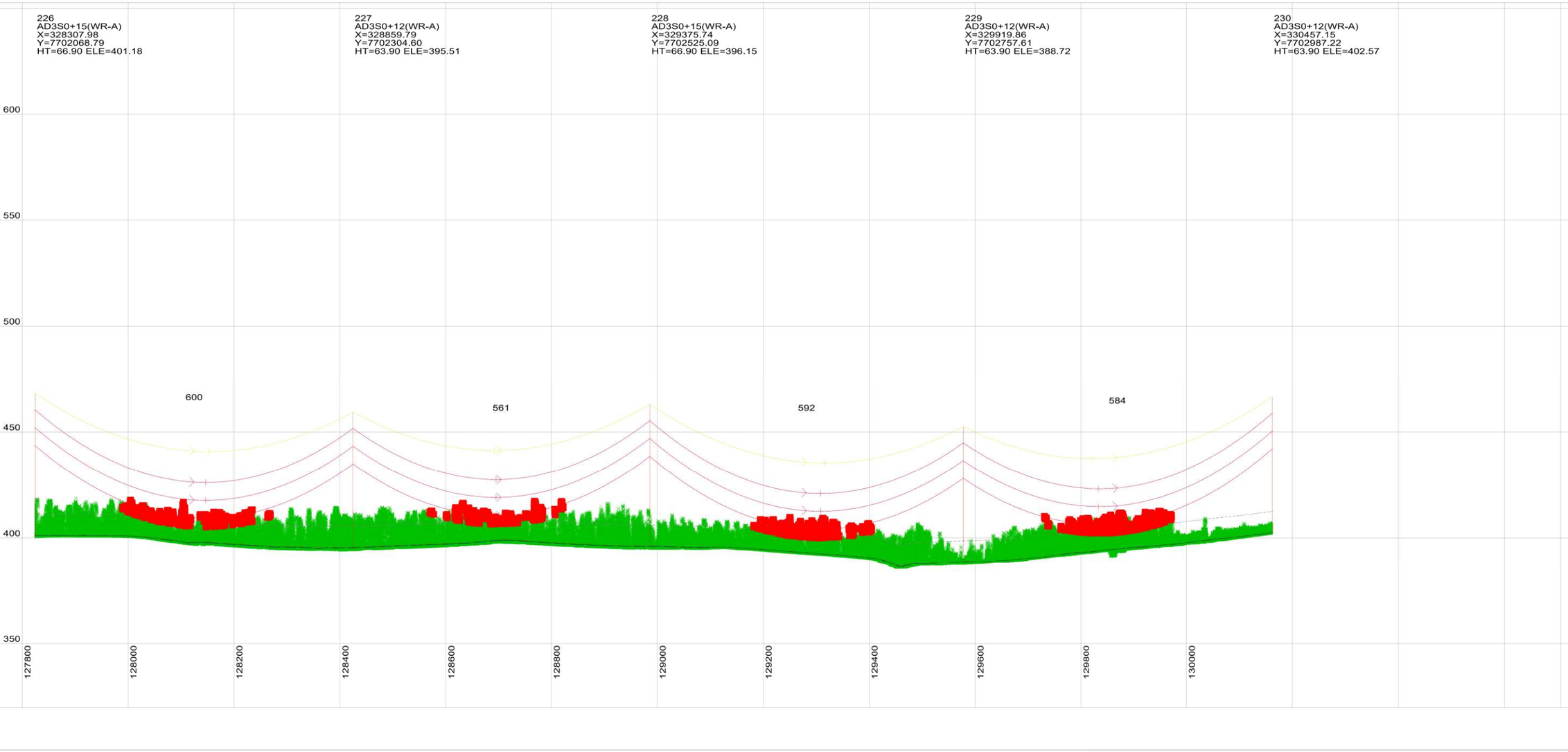
226
AD3S0+15(WR-A)
X=328307.98
Y=7702068.79
HT=66.90 ELE=401.18

227
AD3S0+12(WR-A)
X=328859.79
Y=7702304.60
HT=63.90 ELE=395.51

228
AD3S0+15(WR-A)
X=329375.74
Y=7702525.09
HT=66.90 ELE=396.15

229
AD3S0+12(WR-A)
X=329919.86
Y=7702757.61
HT=63.90 ELE=388.72

230
AD3S0+12(WR-A)
X=330457.15
Y=7702987.22
HT=63.90 ELE=402.57



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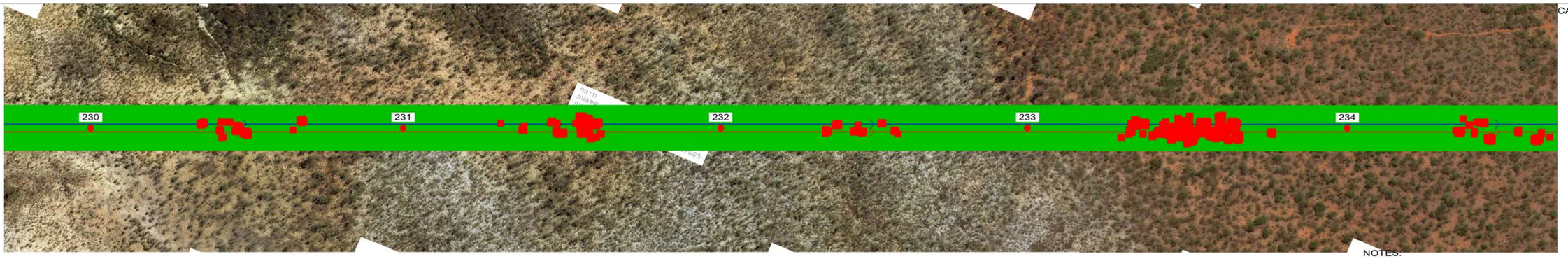
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET54 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0054	54	A



CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

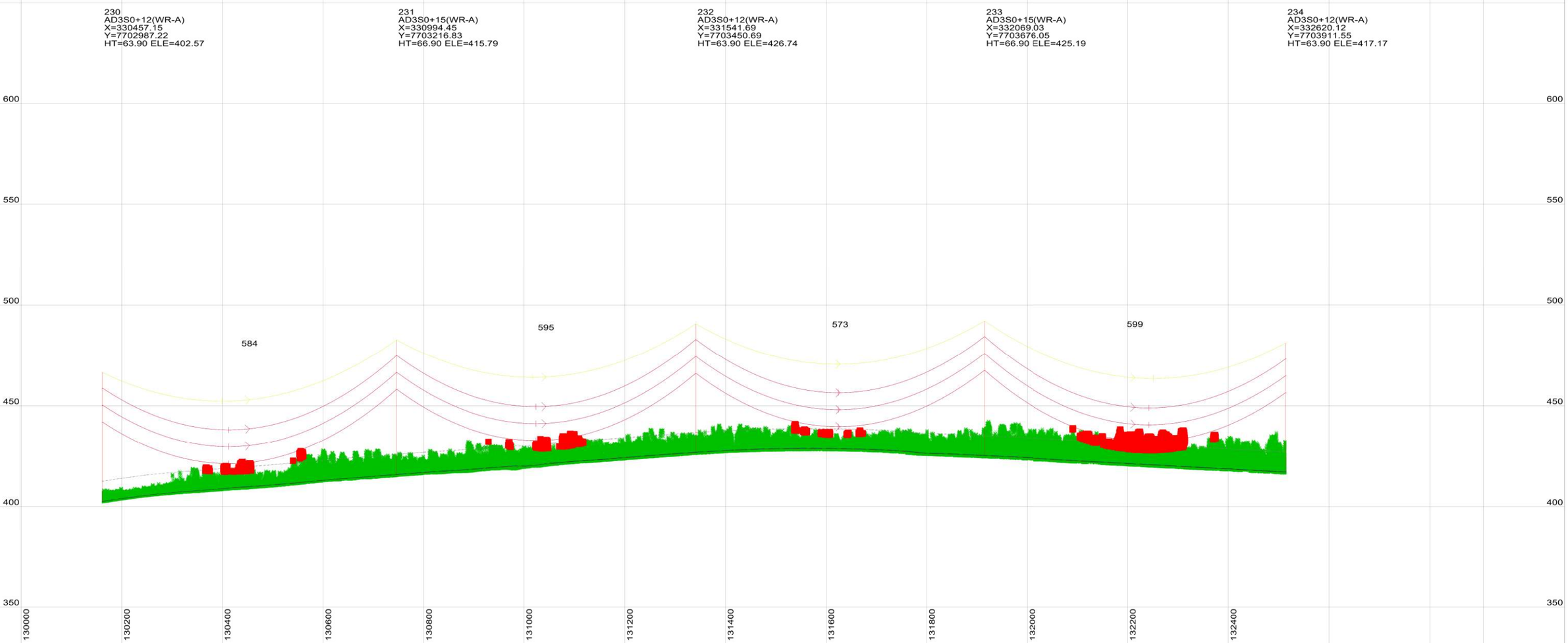
230
AD3S0+12(WR-A)
X=330457.15
Y=7702987.22
HT=63.90 ELE=402.57

231
AD3S0+15(WR-A)
X=330994.45
Y=7703216.83
HT=66.90 ELE=415.79

232
AD3S0+12(WR-A)
X=331541.69
Y=7703450.69
HT=63.90 ELE=426.74

233
AD3S0+15(WR-A)
X=332069.03
Y=7703676.05
HT=66.90 ELE=425.19

234
AD3S0+12(WR-A)
X=332620.12
Y=7703911.55
HT=63.90 ELE=417.17



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET55 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0055 | SHEET 55 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

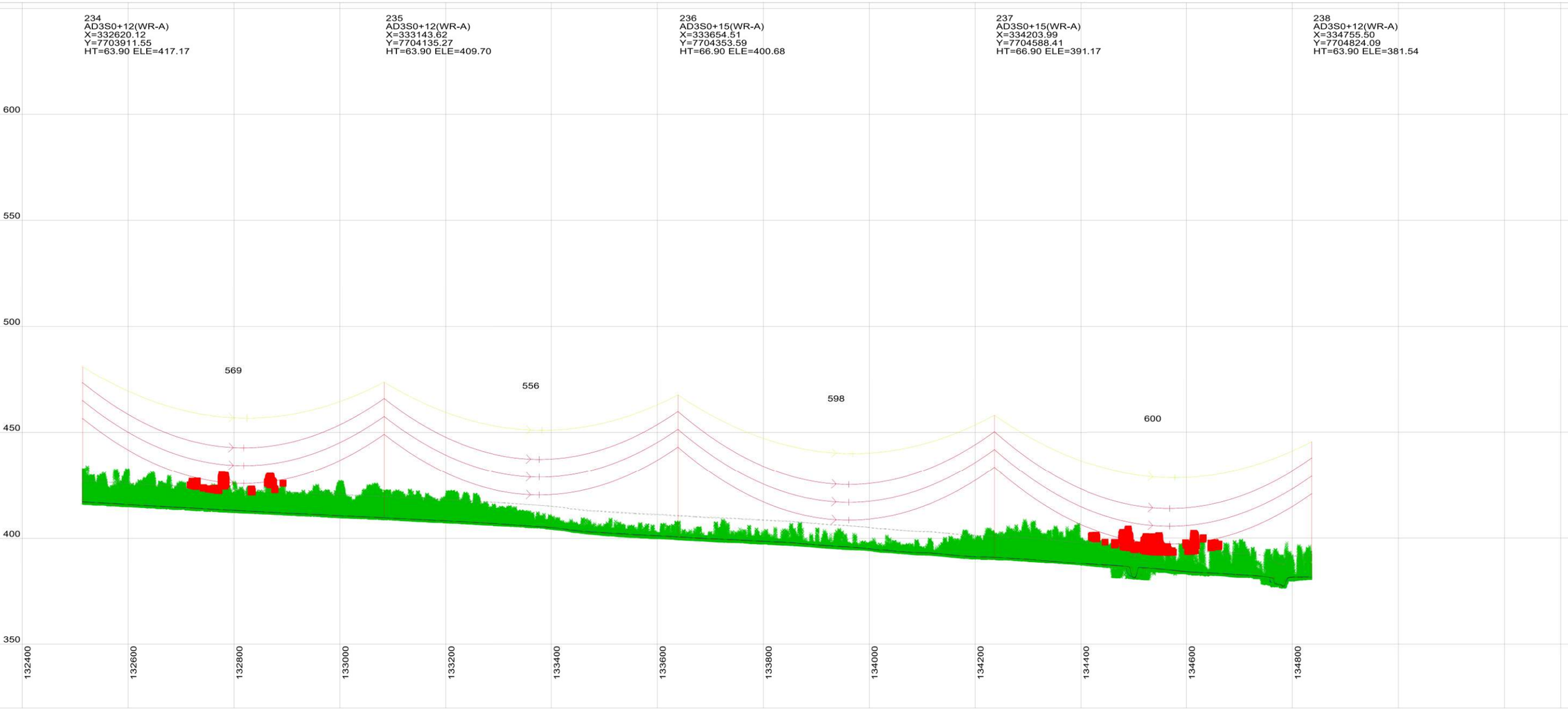
234
AD3S0+12(WR-A)
X=332620.12
Y=7703911.55
HT=63.90 ELE=417.17

235
AD3S0+12(WR-A)
X=333143.62
Y=7704135.27
HT=63.90 ELE=409.70

236
AD3S0+15(WR-A)
X=333654.51
Y=7704353.59
HT=66.90 ELE=400.68

237
AD3S0+15(WR-A)
X=334203.99
Y=7704588.41
HT=66.90 ELE=391.17

238
AD3S0+12(WR-A)
X=334755.50
Y=7704824.09
HT=63.90 ELE=381.54



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET56 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0056	56	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

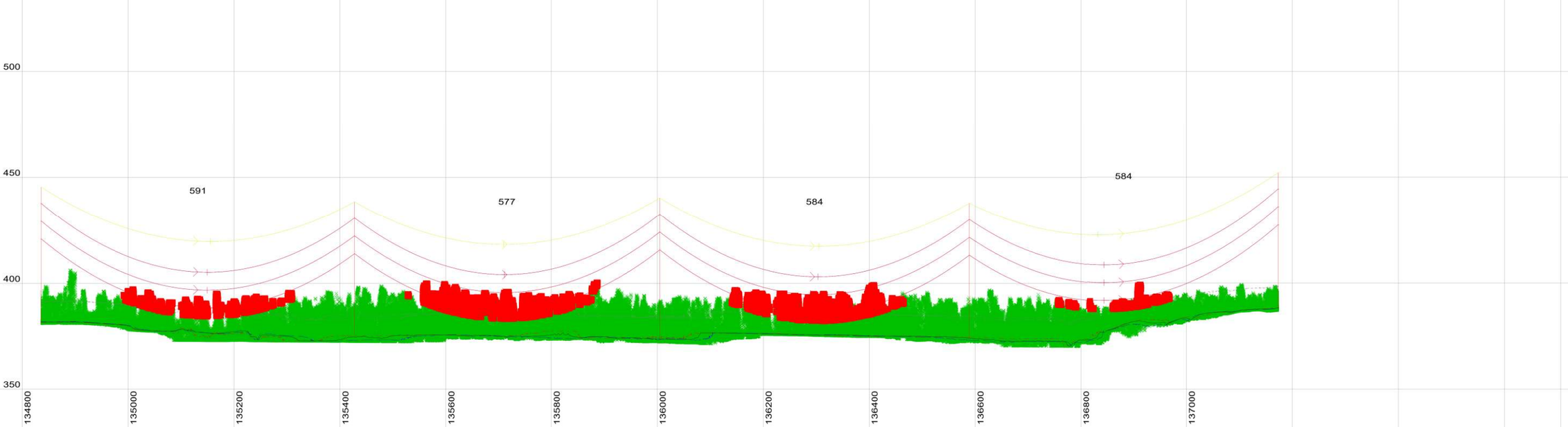
238
AD3S0+12(WR-A)
X=334755.50
Y=7704824.09
HT=63.90 ELE=381.54

239
AD3S0+12(WR-A)
X=335299.27
Y=7705056.47
HT=63.90 ELE=374.60

240
AD3S0+15(WR-A)
X=335830.09
Y=7705283.31
HT=66.90 ELE=373.40

241
AD3S0+12(WR-A)
X=336367.38
Y=7705512.92
HT=63.90 ELE=373.93

242
AD3S0+12(WR-A)
X=336904.67
Y=7705742.53
HT=63.90 ELE=388.26



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET57 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0057	57	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

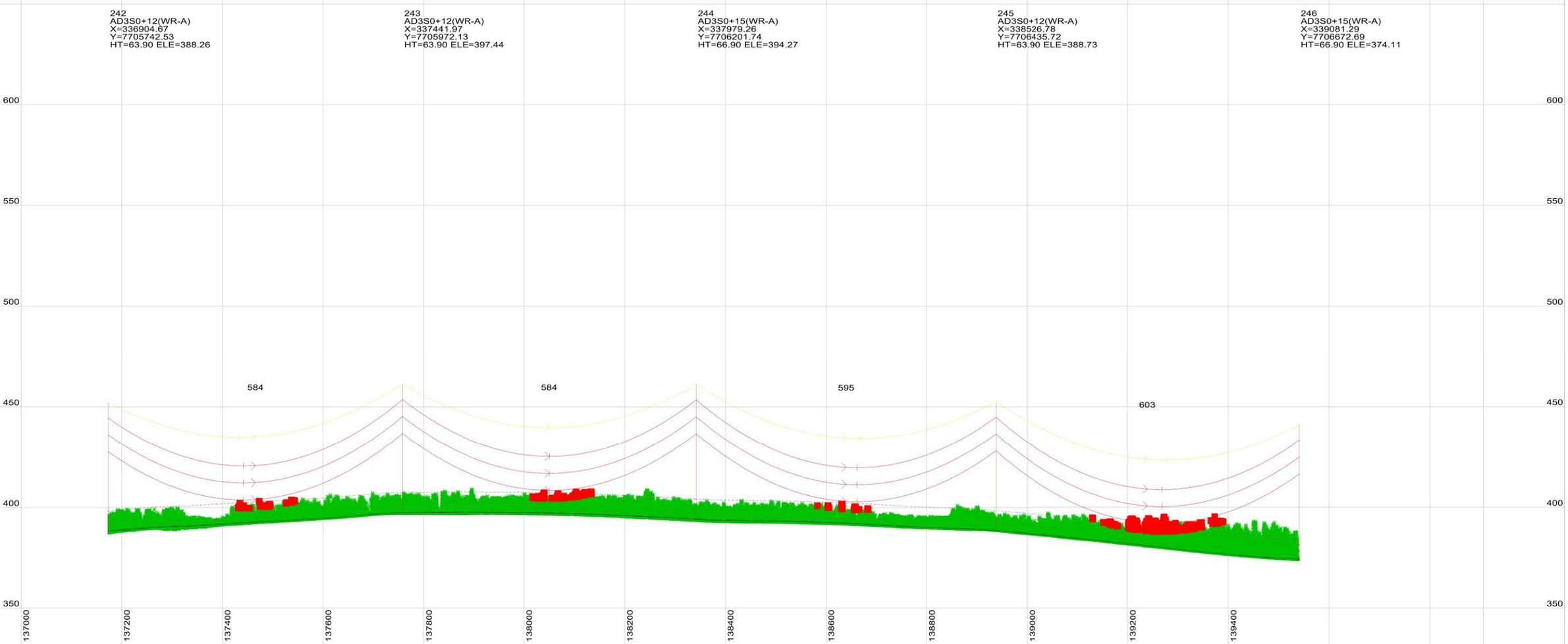
242
AD3S0+12(WR-A)
X=336904.67
Y=7705742.53
HT=63.90 ELE=388.26

243
AD3S0+12(WR-A)
X=337441.97
Y=7705972.13
HT=63.90 ELE=397.44

244
AD3S0+15(WR-A)
X=337979.26
Y=7706201.74
HT=66.90 ELE=394.27

245
AD3S0+12(WR-A)
X=338526.78
Y=7706435.72
HT=63.90 ELE=388.73

246
AD3S0+15(WR-A)
X=339081.29
Y=7706672.69
HT=66.90 ELE=374.11



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AMDT	AMENDMENT DETAILS	DESIGN	CHK'D	DRAWN	CHK'D	APP'D	DATE

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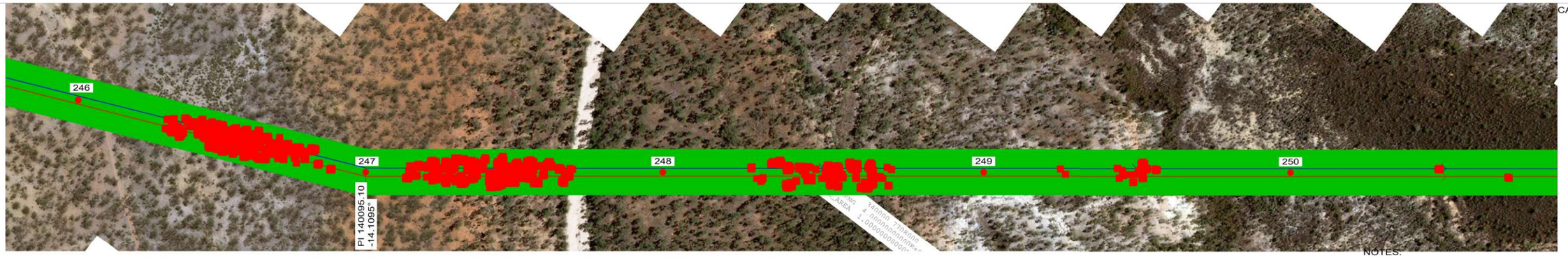
DOCUMENT STATUS UNLESS THIS DOCUMENT BEARS A RED STAMP IT IS UNCONTROLLED AND MAY NOT BE THE LATEST ISSUE. THEREFORE, VERIFY STATUS BEFORE USE.

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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET58 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0058	58	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

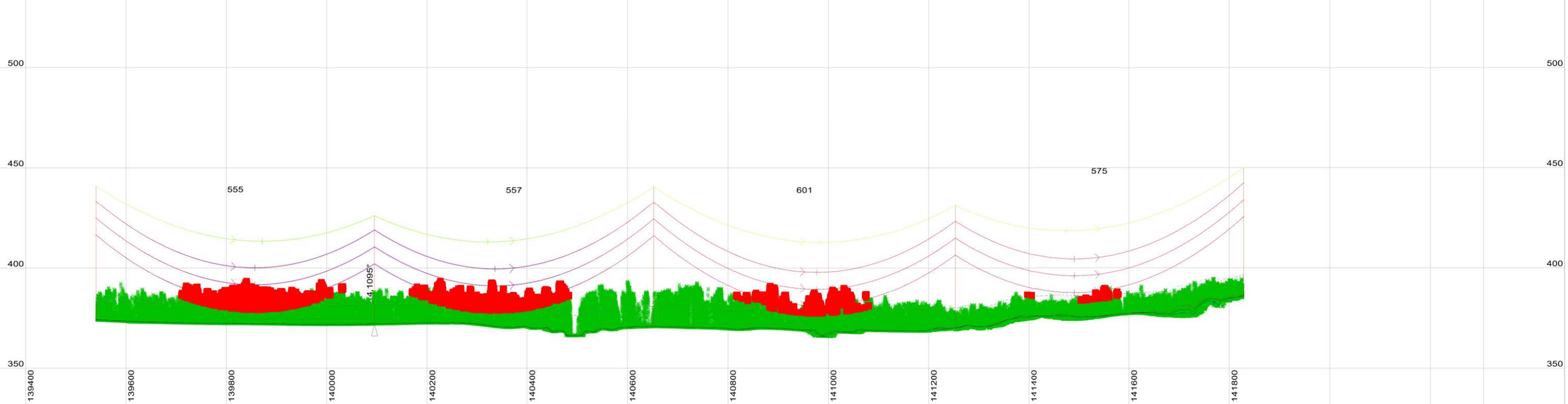
246
AD3S0+15(WR-A)
X=339081.29
Y=7706672.69
HT=66.90 ELE=374.11

247
AD3T20+3(WR-A)
X=339591.36
Y=7706890.66
HT=53.90 ELE=372.04
LINE ANGLE=-14.1095°

248
AD3S0+18(WR-A)
X=340035.06
Y=7707228.04
HT=69.90 ELE=370.75

249
AD3S0+9(WR-A)
X=340513.08
Y=7707591.52
HT=60.90 ELE=370.10

250
AD3S0+12(WR-A)
X=340971.12
Y=7707939.80
HT=63.90 ELE=386.13



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET59 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0059	59	A



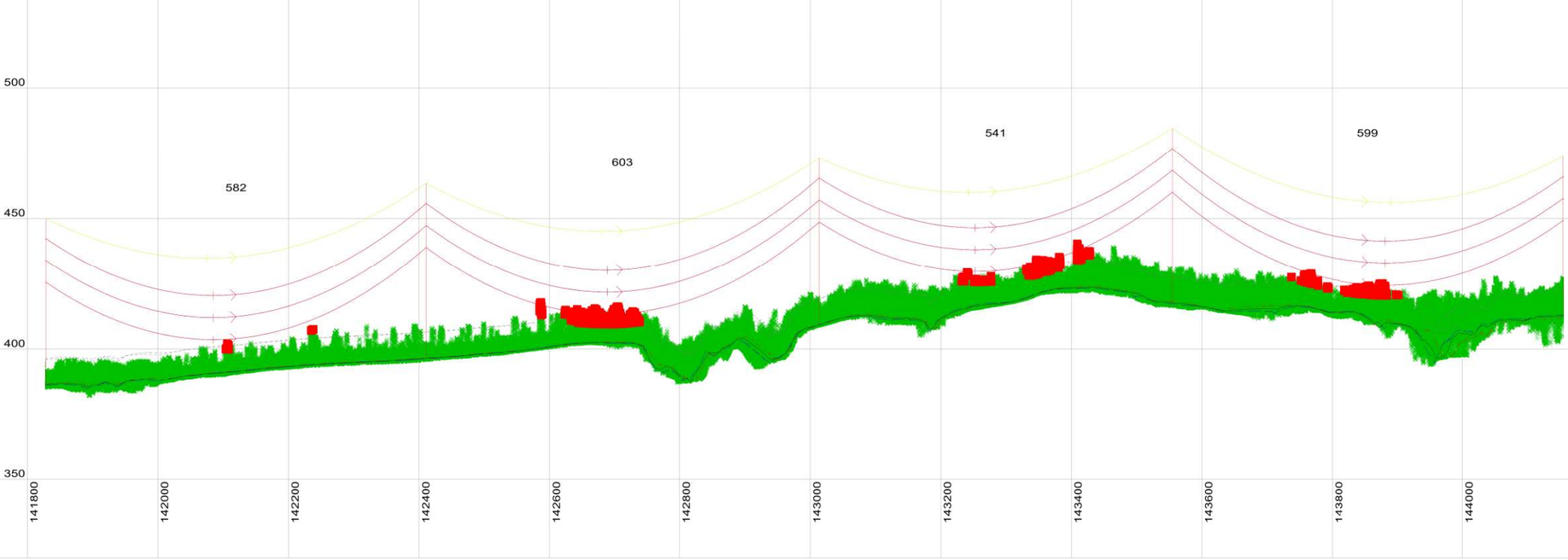
250
AD3S0+12(WR-A)
X=340971.12
Y=7707939.80
HT=63.90 ELE=386.13

251
AD3S0+15(WR-A)
X=341434.75
Y=7708292.34
HT=66.90 ELE=396.54

252
AD3S0+12(WR-A)
X=341914.73
Y=7708657.30
HT=63.90 ELE=409.24

253
AD3S0+15(WR-A)
X=342345.32
Y=7708984.72
HT=66.90 ELE=417.62

254
AD3S0+9(WR-A)
X=342822.46
Y=7709347.53
HT=60.90 ELE=412.78



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AMDT	AMENDMENT DETAILS	DESIGN	CHK'D	DRAWN	CHK'D	APP'D	DATE

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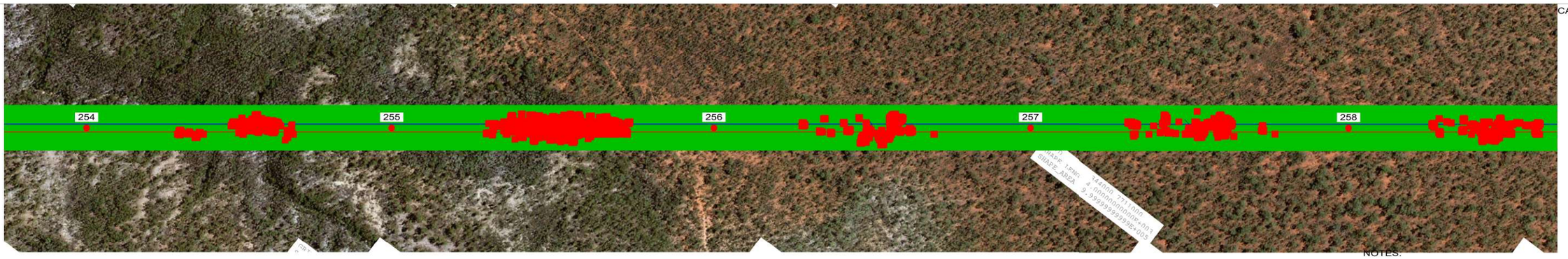
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET60 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0060	60	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

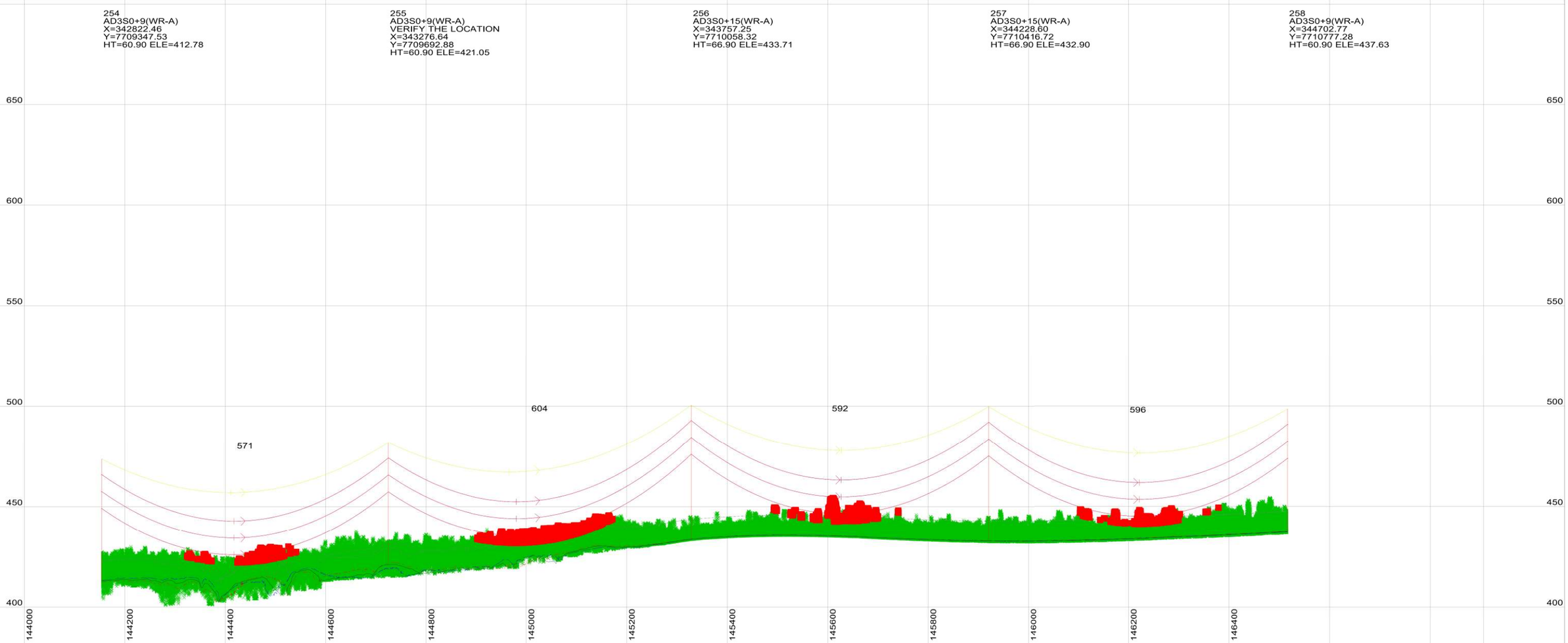
254
AD3S0+9(WR-A)
X=342822.46
Y=7709347.53
HT=60.90 ELE=412.78

255
AD3S0+9(WR-A)
VERIFY THE LOCATION
X=343276.64
Y=7709692.88
HT=60.90 ELE=421.05

256
AD3S0+15(WR-A)
X=343757.25
Y=7710058.32
HT=66.90 ELE=433.71

257
AD3S0+15(WR-A)
X=344228.60
Y=7710416.72
HT=66.90 ELE=432.90

258
AD3S0+9(WR-A)
X=344702.77
Y=7710777.28
HT=60.90 ELE=437.63



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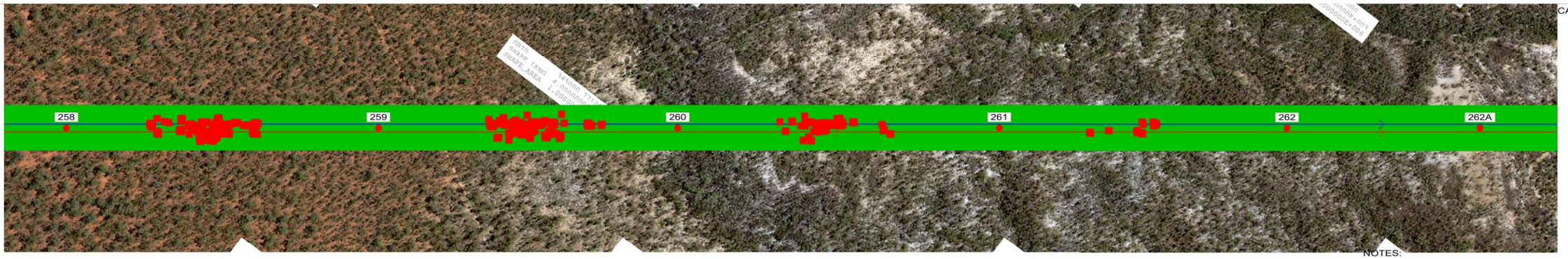
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET61 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0061	61	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

258
AD3S0+9(WR-A)
X=344702.77
Y=7710777.28
HT=60.90 ELE=437.63

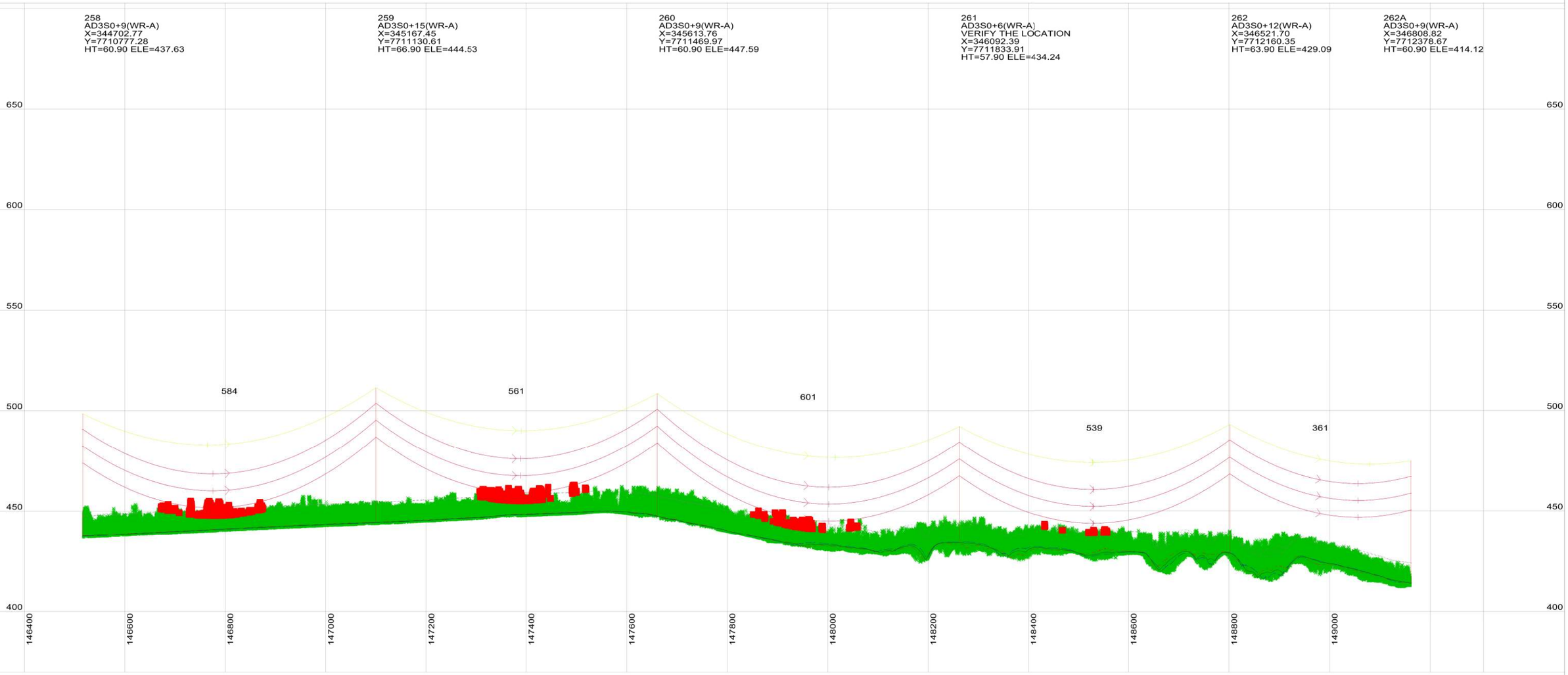
259
AD3S0+15(WR-A)
X=345167.45
Y=7711130.61
HT=66.90 ELE=444.53

260
AD3S0+9(WR-A)
X=345613.76
Y=7711469.97
HT=60.90 ELE=447.59

261
AD3S0+6(WR-A)
VERIFY THE LOCATION
X=346092.39
Y=7711833.91
HT=57.90 ELE=434.24

262
AD3S0+12(WR-A)
X=346521.70
Y=7712160.35
HT=63.90 ELE=429.09

262A
AD3S0+9(WR-A)
X=346808.82
Y=7712378.67
HT=60.90 ELE=414.12



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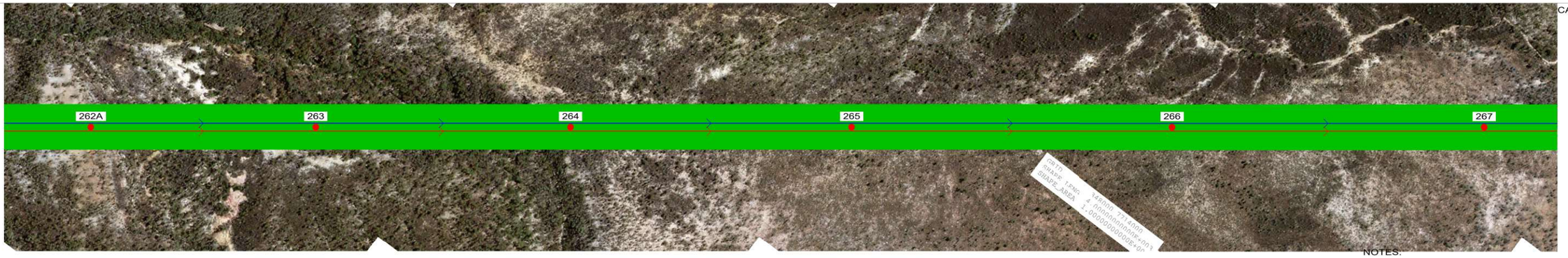
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET62 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0062	62	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

262A
AD3S0+9(WR-A)
X=346808.82
Y=7712378.67
HT=60.90 ELE=414.12

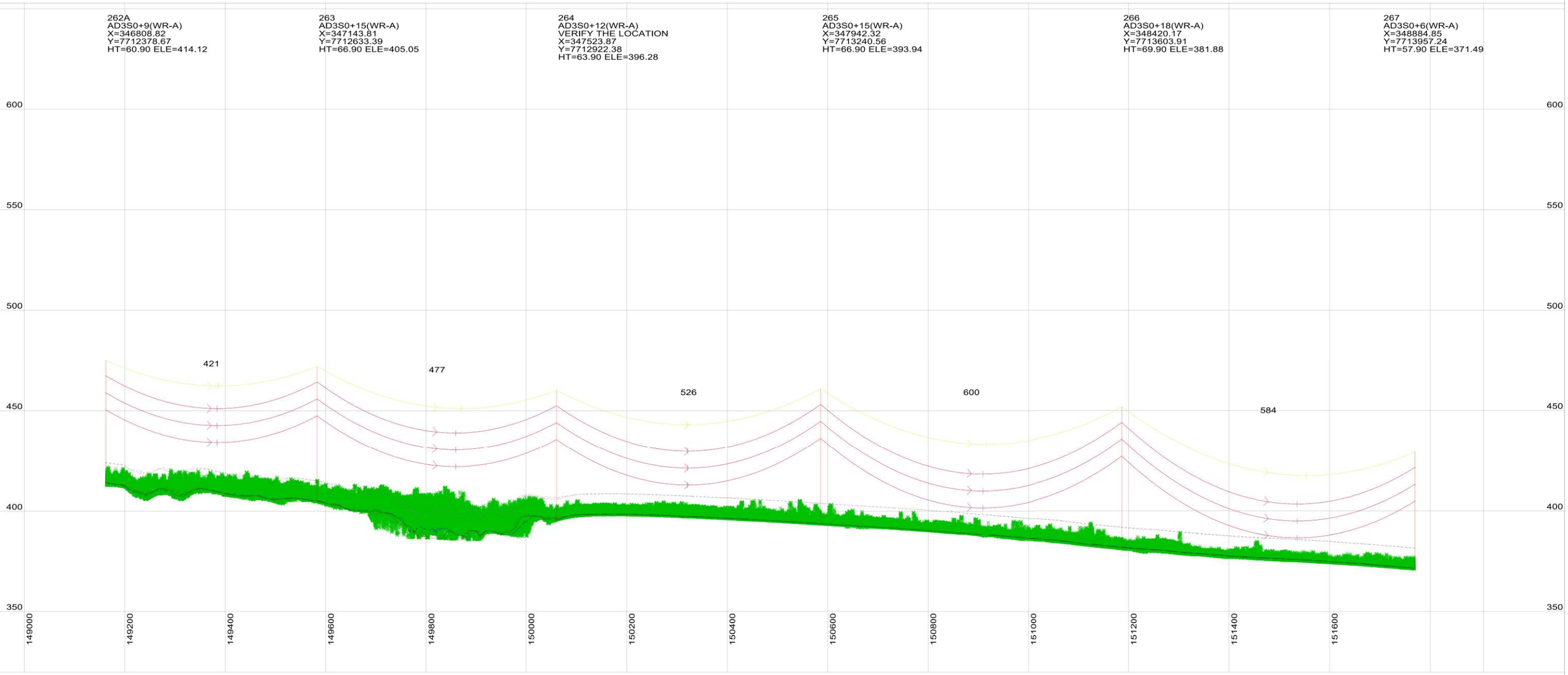
263
AD3S0+15(WR-A)
X=347143.81
Y=7712633.39
HT=66.90 ELE=405.05

264
AD3S0+12(WR-A)
VERIFY THE LOCATION
X=347523.87
Y=7712922.38
HT=63.90 ELE=396.28

265
AD3S0+15(WR-A)
X=347942.32
Y=7713240.56
HT=66.90 ELE=393.94

266
AD3S0+18(WR-A)
X=348420.17
Y=7713603.91
HT=69.90 ELE=381.88

267
AD3S0+6(WR-A)
X=348884.85
Y=7713957.24
HT=57.90 ELE=371.49



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET63 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0063	63	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

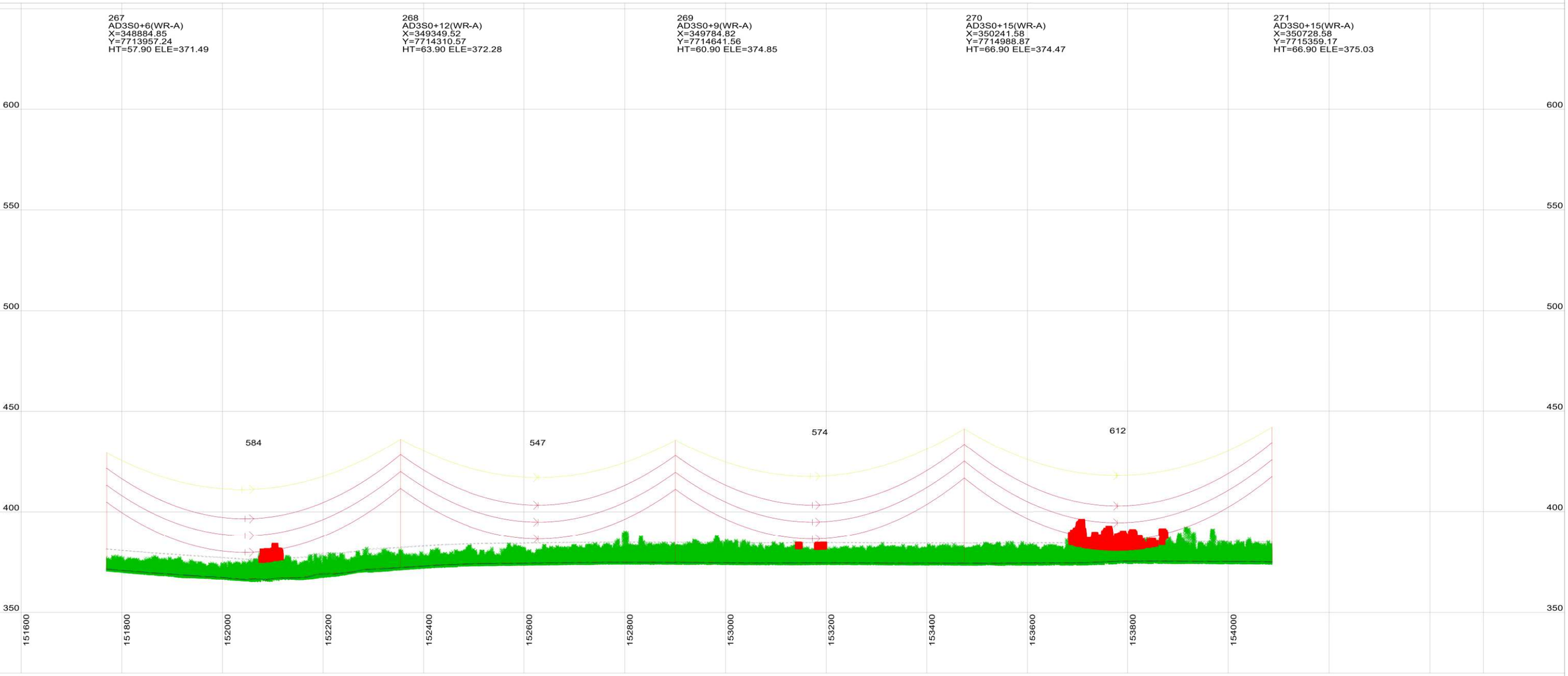
267
AD3S0+6(WR-A)
X=348884.85
Y=7713957.24
HT=57.90 ELE=371.49

268
AD3S0+12(WR-A)
X=349349.52
Y=7714310.57
HT=63.90 ELE=372.28

269
AD3S0+9(WR-A)
X=349784.82
Y=7714641.56
HT=60.90 ELE=374.85

270
AD3S0+15(WR-A)
X=350241.58
Y=7714988.87
HT=66.90 ELE=374.47

271
AD3S0+15(WR-A)
X=350728.58
Y=7715359.17
HT=66.90 ELE=375.03



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET64 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0064	64	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

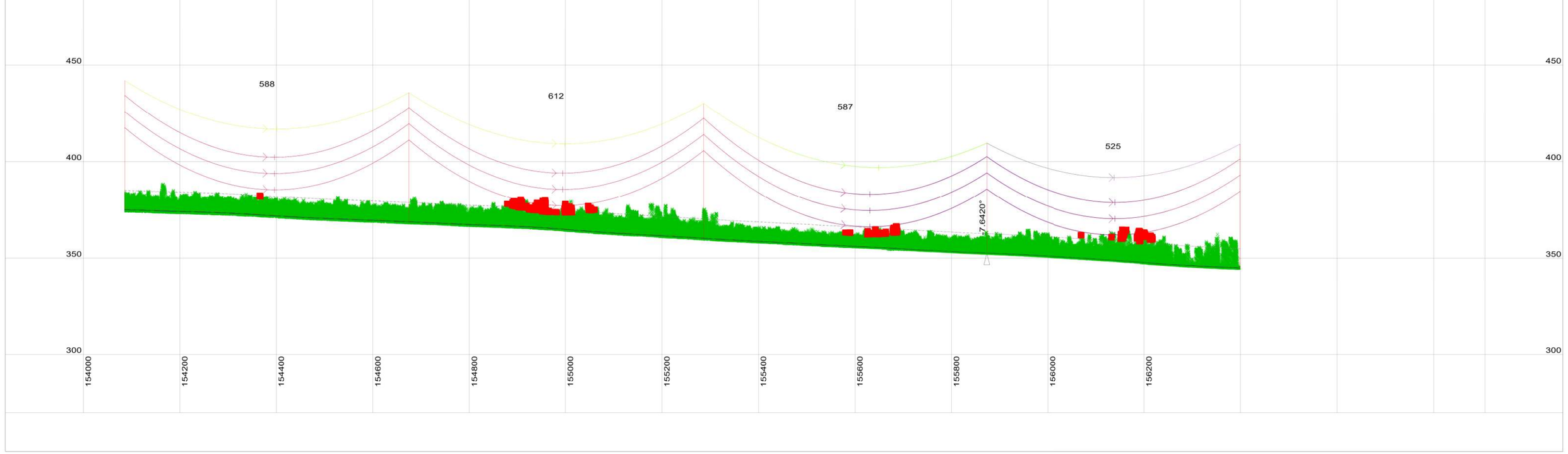
271
AD3S0+15(WR-A)
X=350728.58
Y=7715359.17
HT=66.90 ELE=375.03

272
AD3S0+15(WR-A)
X=351197.02
Y=7715715.36
HT=66.90 ELE=368.80

273
AD3S0+18(WR-A)
X=351684.06
Y=7716085.70
HT=69.90 ELE=360.26

274
AD3T20+6(WR-A)
X=352150.99
Y=7716440.74
HT=56.90 ELE=352.65
LINE ANGLE=-7.6420°

275
AD3S0+12(WR-A)
X=352523.06
Y=7716811.39
HT=63.90 ELE=345.01



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AMDT	AMENDMENT DETAILS	DESIGN	CHK'D	DRAWN	CHK'D	APP'D	DATE

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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET65 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0065 | SHEET 65 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

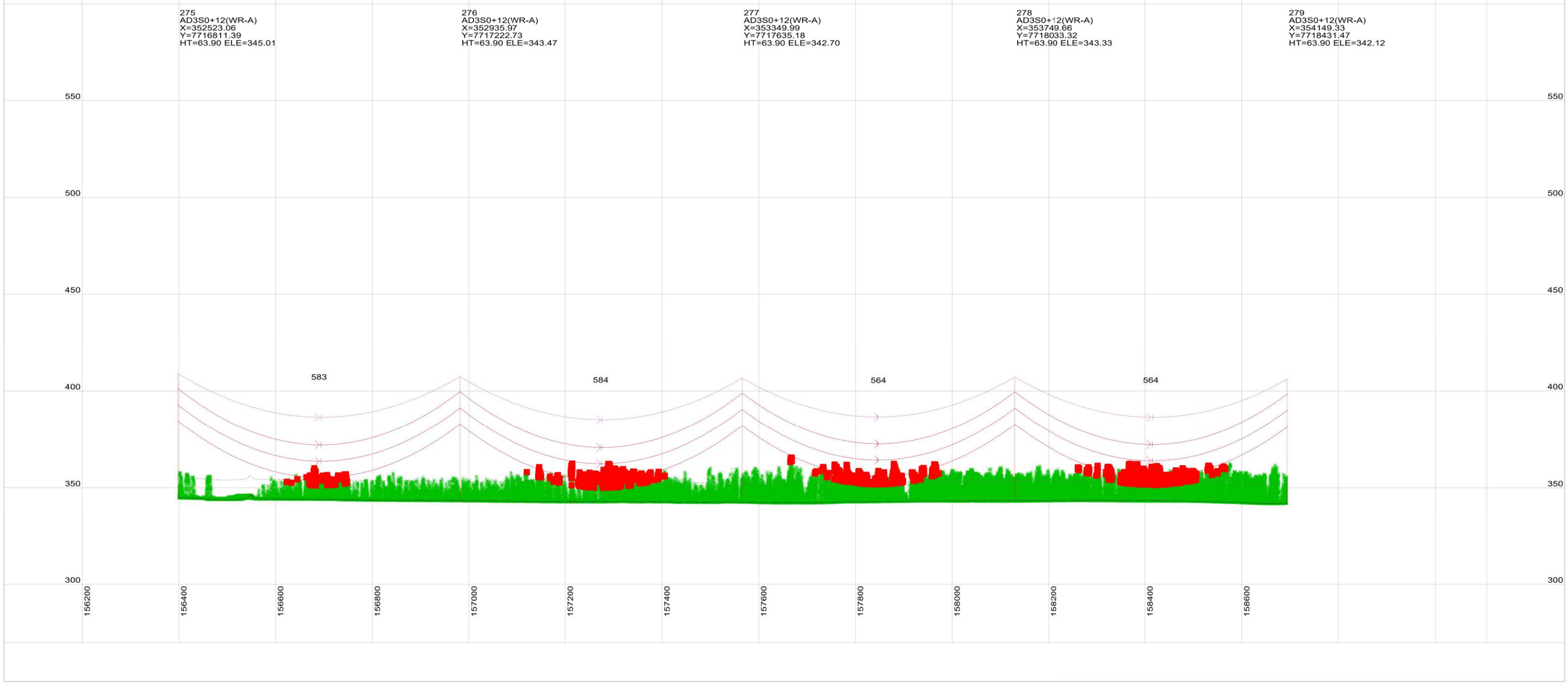
275
AD3S0+12(WR-A)
X=352523.06
Y=7716811.39
HT=63.90 ELE=345.01

276
AD3S0+12(WR-A)
X=352935.97
Y=7717222.73
HT=63.90 ELE=343.47

277
AD3S0+12(WR-A)
X=353349.99
Y=7717635.18
HT=63.90 ELE=342.70

278
AD3S0+12(WR-A)
X=353749.66
Y=7718033.32
HT=63.90 ELE=343.33

279
AD3S0+12(WR-A)
X=354149.33
Y=7718431.47
HT=63.90 ELE=342.12



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET66 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0066	66	A

CONFIRM SCALE 100mm ON A1 ORIGINAL



NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

VEGETATION INTRUSION

VEGETATION

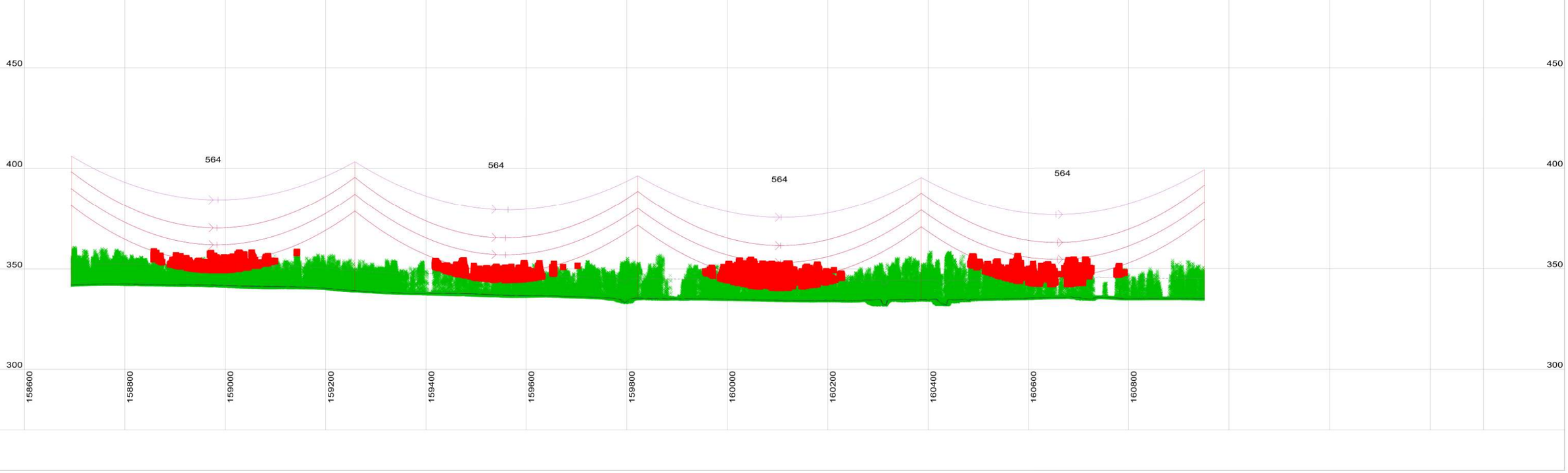
279
AD3S0+12(WR-A)
X=354149.33
Y=7718431.47
HT=63.90 ELE=342.12

280
AD3S0+12(WR-A)
X=354549.00
Y=7718829.61
HT=63.90 ELE=339.35

281
AD3S0+9(WR-A)
X=354948.66
Y=7719227.76
HT=60.90 ELE=335.42

282
AD3S0+9(WR-A)
X=355348.33
Y=7719625.90
HT=60.90 ELE=334.52

283
AD3S0+12(WR-A)
X=355748.00
Y=7720024.05
HT=63.90 ELE=335.24



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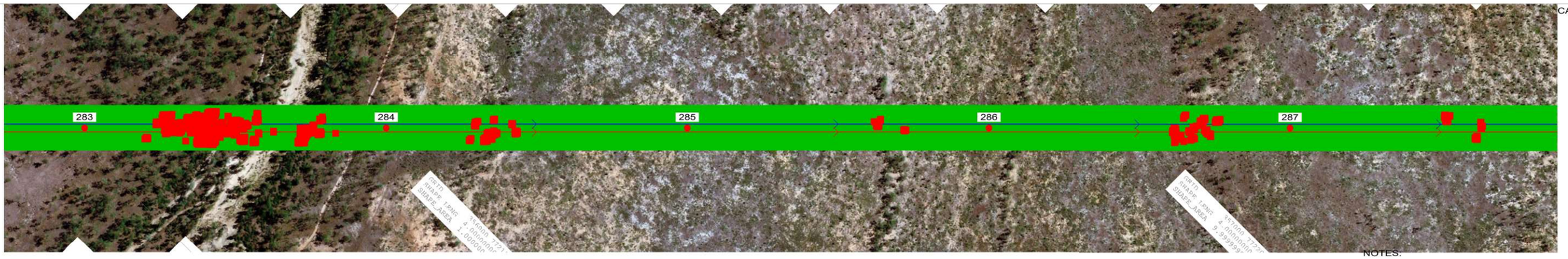
DOCUMENT STATUS UNLESS THIS DOCUMENT BEARS A RED STAMP IT IS UNCONTROLLED AND MAY NOT BE THE LATEST ISSUE. THEREFORE, VERIFY STATUS BEFORE USE.

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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET67 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0067	67	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

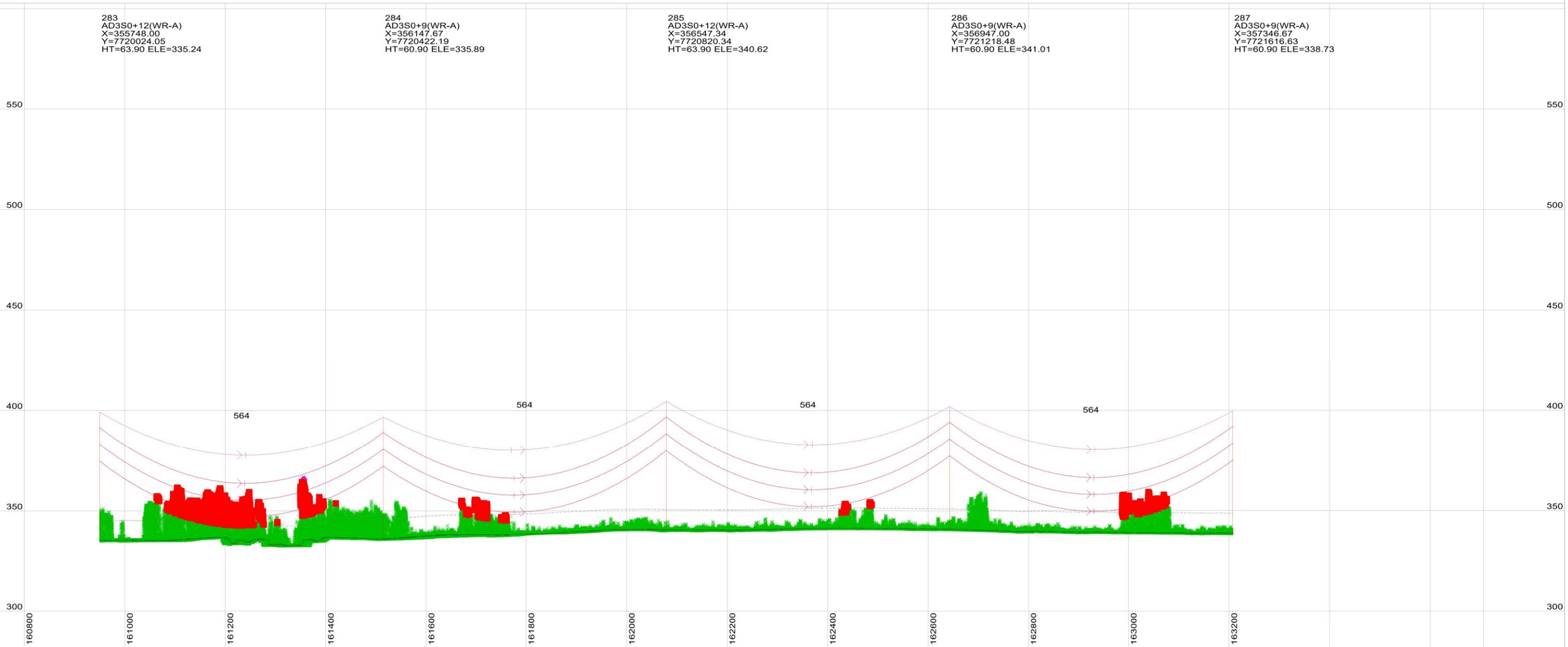
283
AD3S0+12(WR-A)
X=355748.00
Y=7720024.05
HT=63.90 ELE=335.24

284
AD3S0+9(WR-A)
X=356147.67
Y=7720422.19
HT=60.90 ELE=335.89

285
AD3S0+12(WR-A)
X=356547.34
Y=7720820.34
HT=63.90 ELE=340.62

286
AD3S0+9(WR-A)
X=356947.00
Y=7721218.48
HT=60.90 ELE=341.01

287
AD3S0+9(WR-A)
X=357346.67
Y=7721616.63
HT=60.90 ELE=338.73



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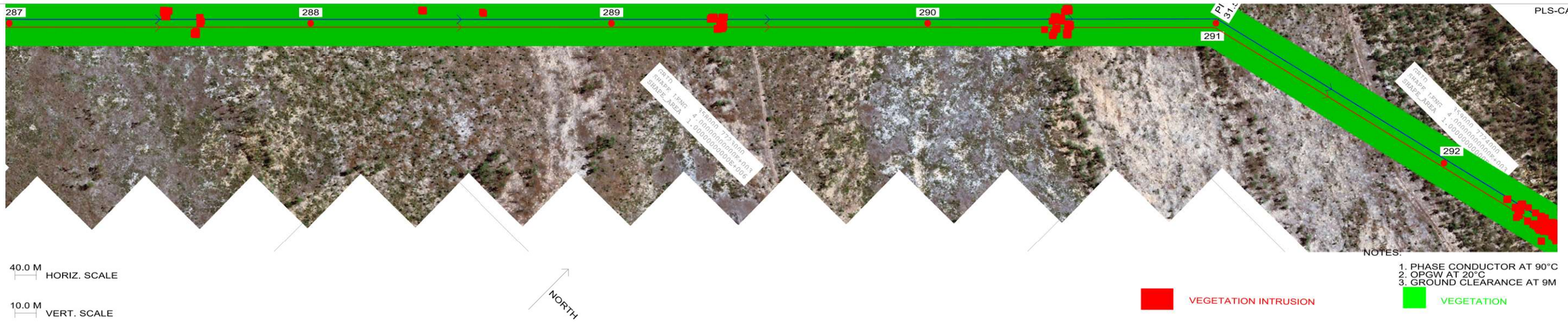
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET68 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0068	68	A



287
AD3S0+9(WR-A)
X=357346.67
Y=7721616.63
HT=60.90 ELE=338.73

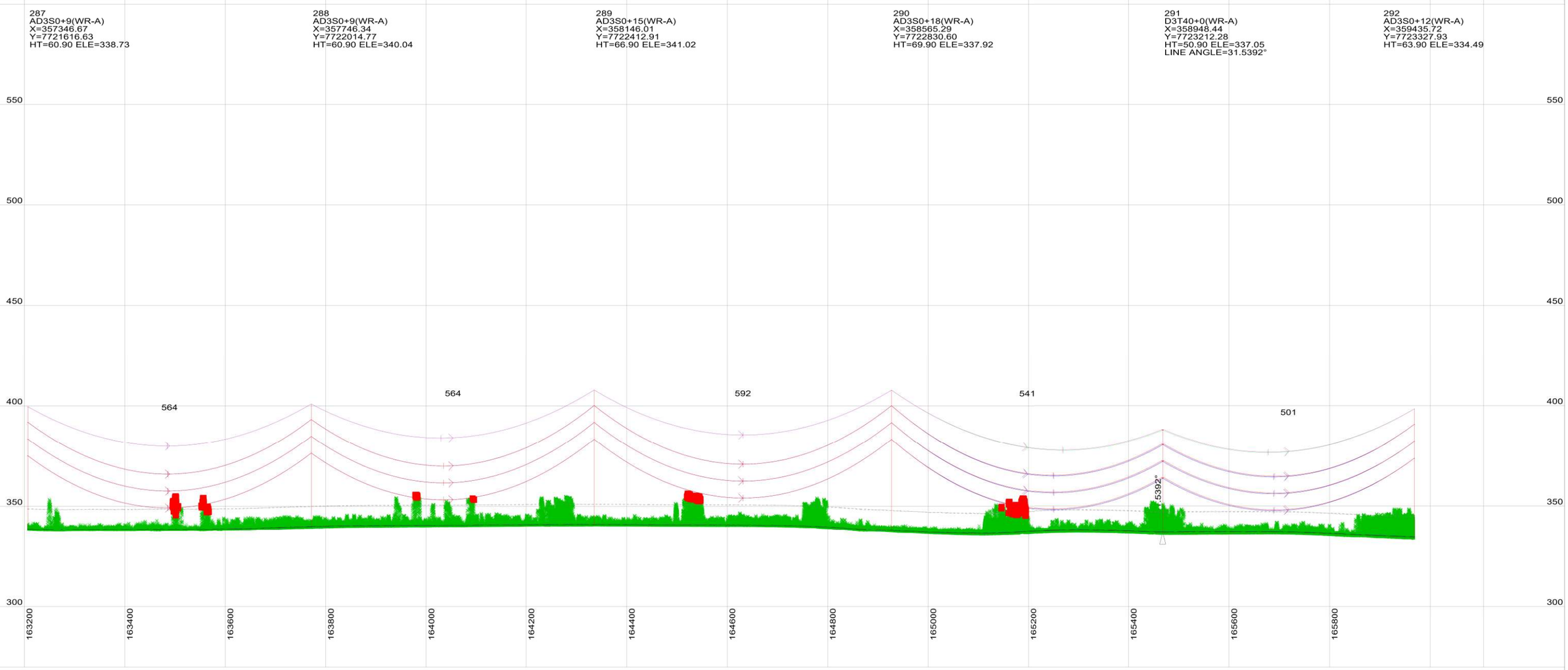
288
AD3S0+9(WR-A)
X=357746.34
Y=7722014.77
HT=60.90 ELE=340.04

289
AD3S0+15(WR-A)
X=358146.01
Y=7722412.91
HT=66.90 ELE=341.02

290
AD3S0+18(WR-A)
X=358565.29
Y=7722830.60
HT=69.90 ELE=337.92

291
D3T40+0(WR-A)
X=358948.44
Y=7723212.28
HT=50.90 ELE=337.05
LINE ANGLE=31.5392°

292
AD3S0+12(WR-A)
X=359435.72
Y=7723327.93
HT=63.90 ELE=334.49



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET69 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0069	69	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

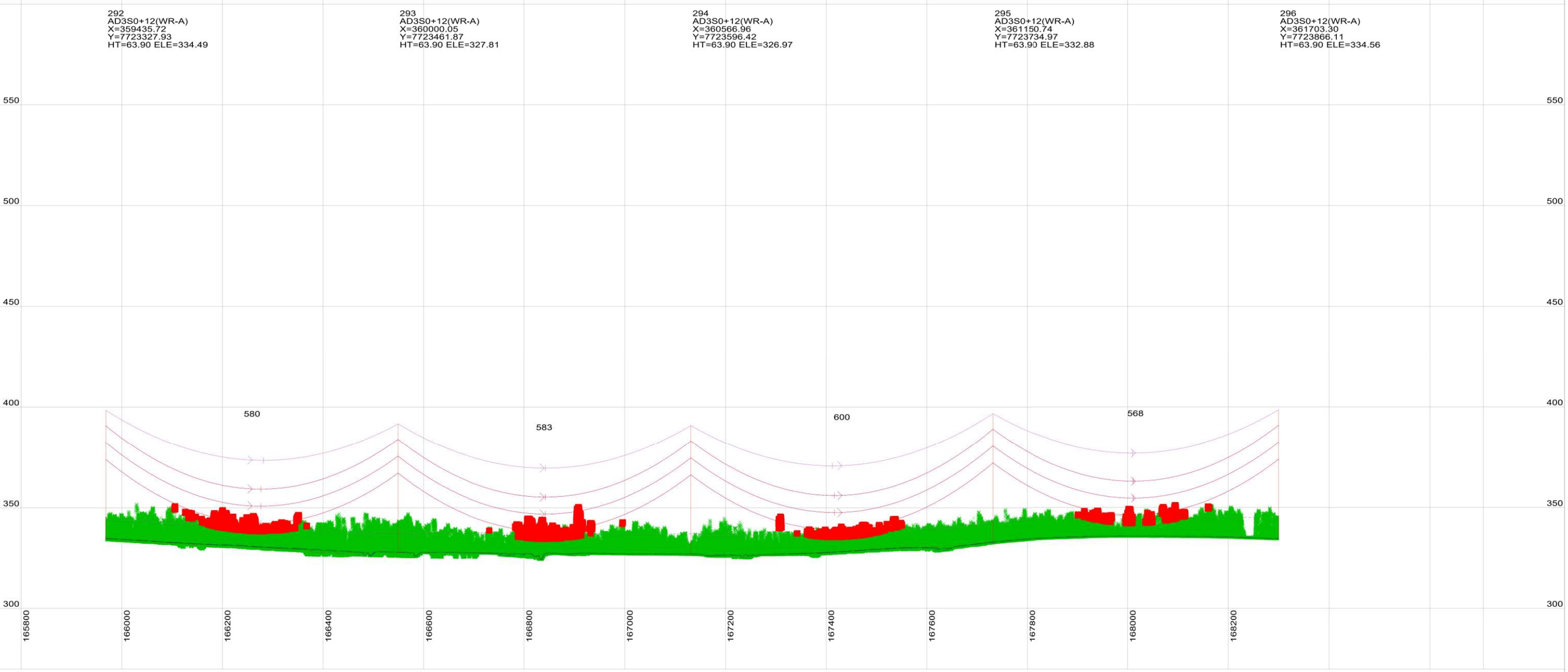
292
AD3S0+12(WR-A)
X=359435.72
Y=7723327.93
HT=63.90 ELE=334.49

293
AD3S0+12(WR-A)
X=360000.05
Y=7723461.87
HT=63.90 ELE=327.81

294
AD3S0+12(WR-A)
X=360566.96
Y=7723596.42
HT=63.90 ELE=326.97

295
AD3S0+12(WR-A)
X=361150.74
Y=7723734.97
HT=63.90 ELE=332.88

296
AD3S0+12(WR-A)
X=361703.30
Y=7723866.11
HT=63.90 ELE=334.56



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET70 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0070	70	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

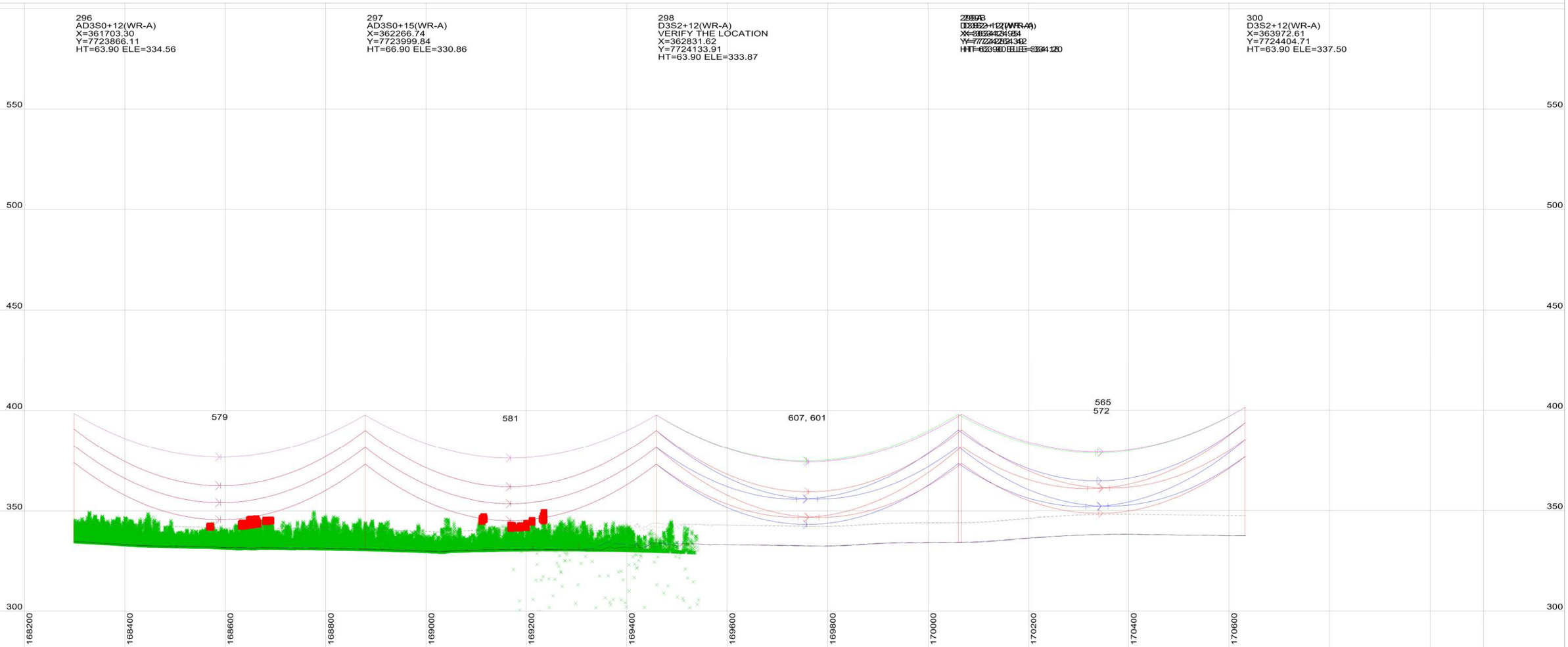
VEGETATION

296
AD3S0+12(WR-A)
X=361703.30
Y=7723866.11
HT=63.90 ELE=334.56

297
AD3S0+15(WR-A)
X=362266.74
Y=7723999.84
HT=66.90 ELE=330.86

298
D3S2+12(WR-A)
VERIFY THE LOCATION
X=362831.62
Y=7724133.91
HT=63.90 ELE=333.87

300
D3S2+12(WR-A)
X=363972.61
Y=7724404.71
HT=63.90 ELE=337.50



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET71 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0071	71	A



CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

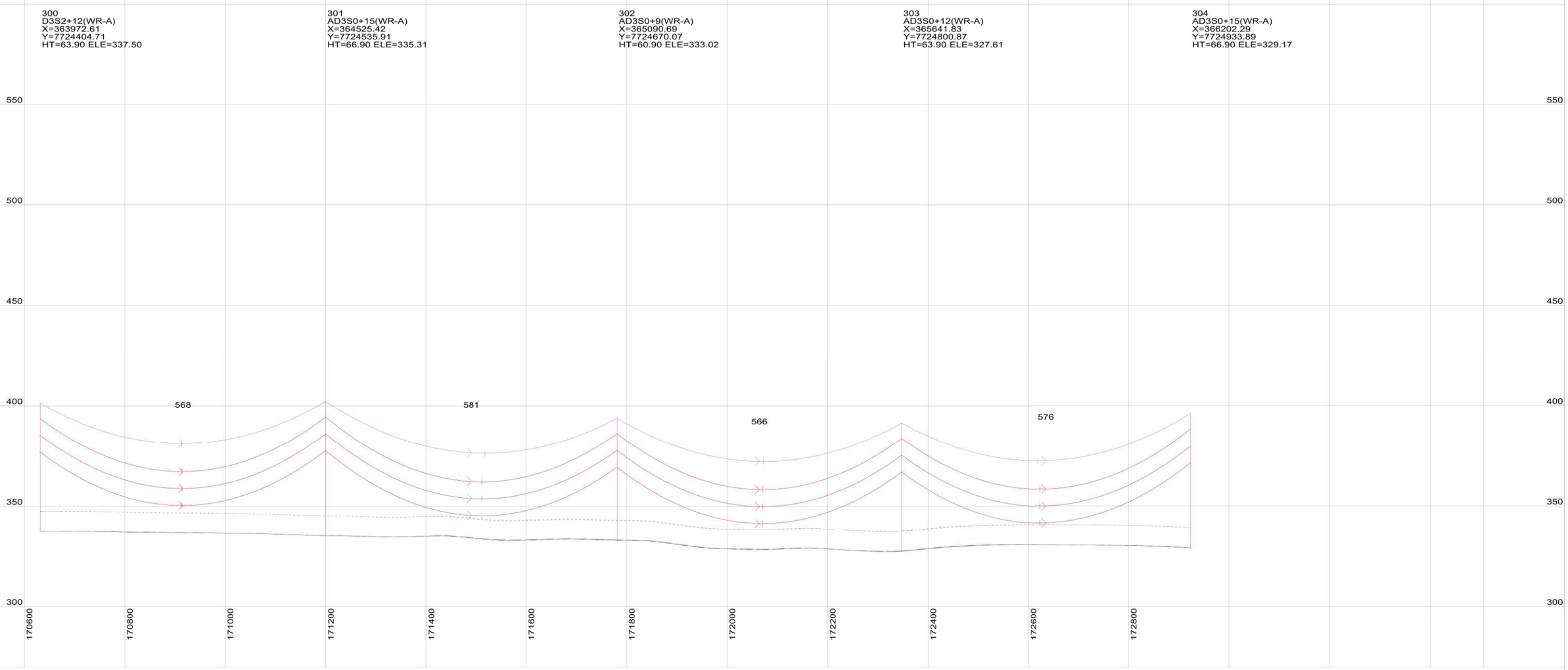
300
D3S2+12(WR-A)
X=363972.61
Y=7724404.71
HT=63.90 ELE=337.50

301
AD3S0+15(WR-A)
X=364525.42
Y=7724535.91
HT=66.90 ELE=335.31

302
AD3S0+9(WR-A)
X=365090.69
Y=7724670.07
HT=60.90 ELE=333.02

303
AD3S0+12(WR-A)
X=365641.83
Y=7724800.87
HT=63.90 ELE=327.61

304
AD3S0+15(WR-A)
X=366202.29
Y=7724933.89
HT=66.90 ELE=329.17



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET72 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0072	72	A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



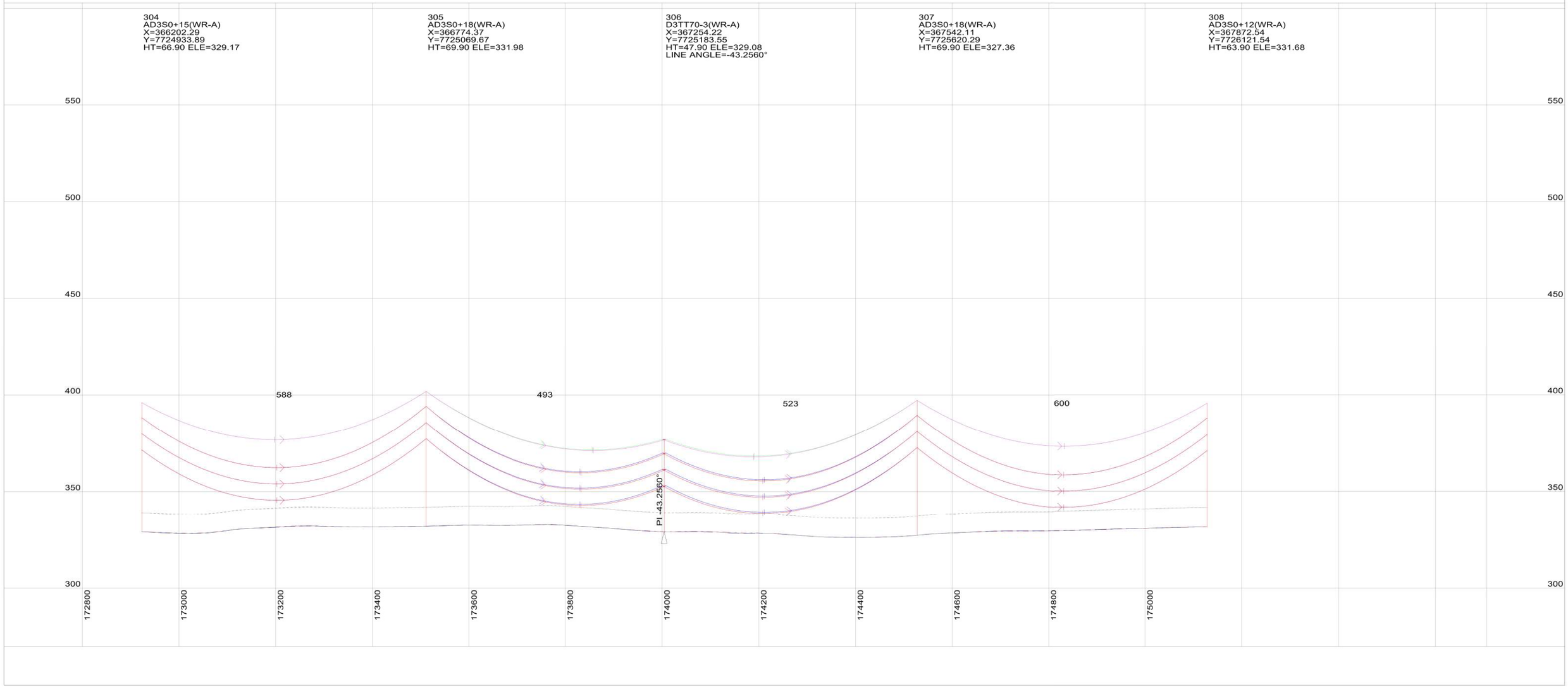
304
AD3S0+15(WR-A)
X=366202.29
Y=7724933.89
HT=66.90 ELE=329.17

305
AD3S0+18(WR-A)
X=366774.37
Y=7725069.67
HT=69.90 ELE=331.98

306
D3TT70-3(WR-A)
X=367254.22
Y=7725183.55
HT=47.90 ELE=329.08
LINE ANGLE=-43.2560°

307
AD3S0+18(WR-A)
X=367542.11
Y=7725620.29
HT=69.90 ELE=327.36

308
AD3S0+12(WR-A)
X=367872.54
Y=7726121.54
HT=63.90 ELE=331.68



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET73 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0073	73	A



CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

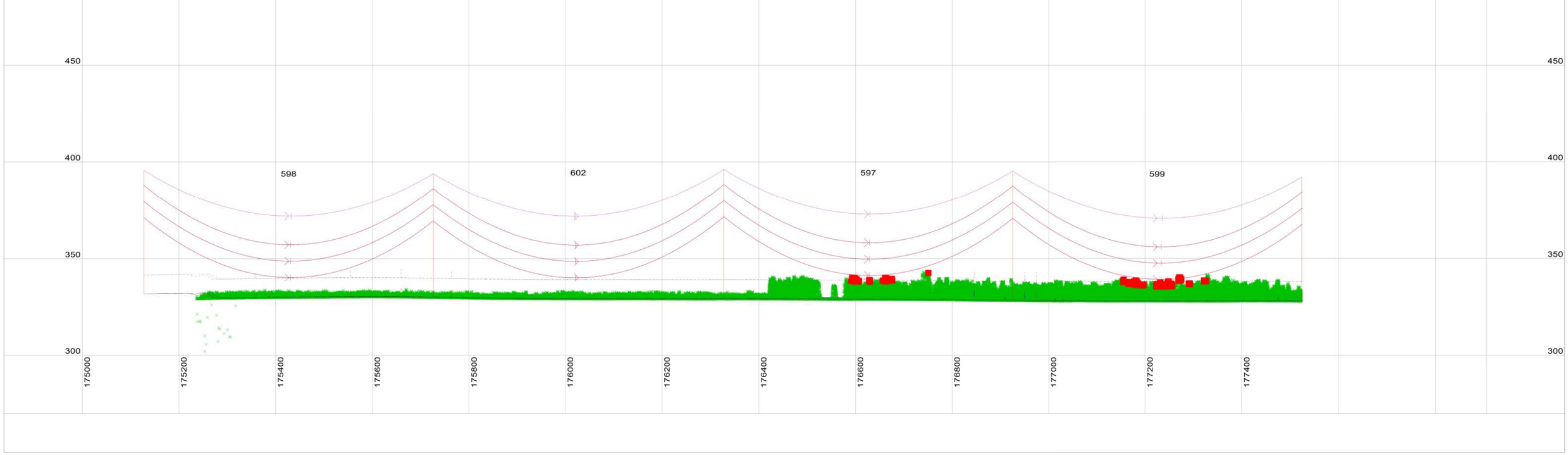
308
AD3S0+12(WR-A)
X=367872.54
Y=7726121.54
HT=63.90 ELE=331.68

309
AD3S0+12(WR-A)
X=368201.61
Y=7726620.75
HT=63.90 ELE=330.04

310
AD3S0+15(WR-A)
X=368533.08
Y=7727123.59
HT=66.90 ELE=329.25

311
AD3S0+15(WR-A)
X=368861.80
Y=7727622.26
HT=66.90 ELE=328.42

312
AD3S0+12(WR-A)
X=369191.53
Y=7728122.46
HT=63.90 ELE=328.14



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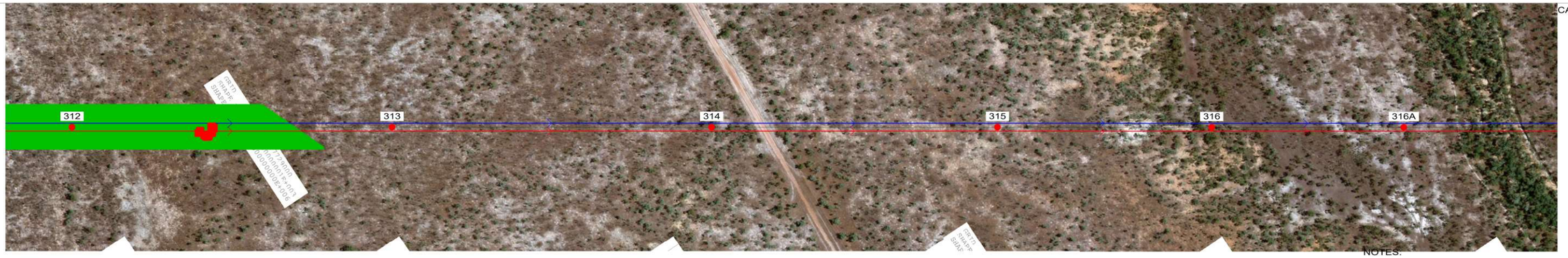
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A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0074 | SHEET 74 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

UGL
COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET74 OF 142



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

312
AD3S0+12(WR-A)
X=369191.53
Y=7728122.46
HT=63.90 ELE=328.14

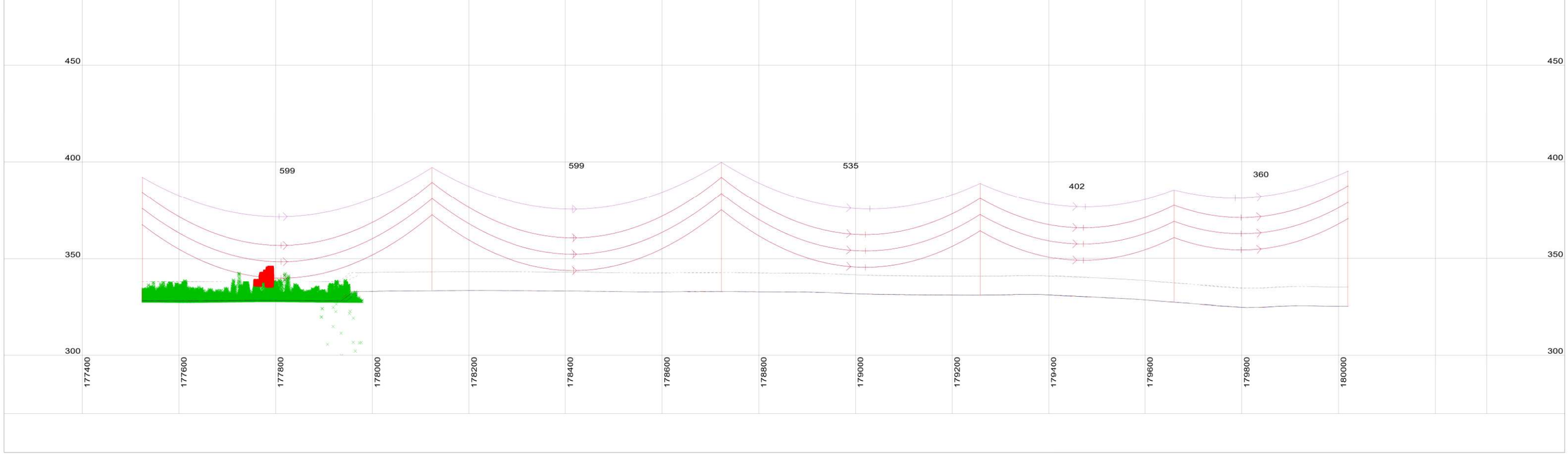
313
AD3S0+12(WR-A)
X=369521.24
Y=7728622.64
HT=63.90 ELE=333.28

314
AD3S0+15(WR-A)
X=369851.06
Y=7729122.97
HT=66.90 ELE=332.88

315
AD3S0+6(WR-A)
X=370145.53
Y=7729569.69
HT=57.90 ELE=331.03

316
AD3S0+6(WR-A)
X=370366.85
Y=7729905.43
HT=57.90 ELE=327.40

316A
AD3S0+18(WR-A)
X=370564.71
Y=7730205.59
HT=69.90 ELE=325.21



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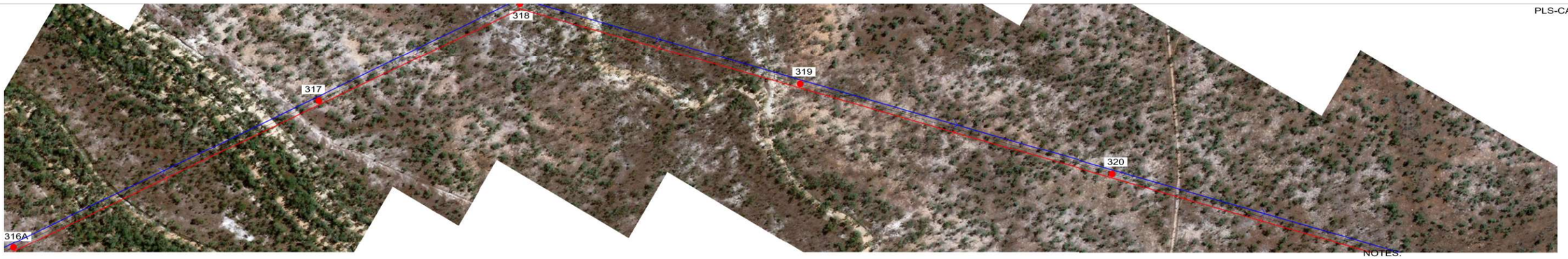
A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0075 | SHEET 75 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET75 OF 142

PLS-CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

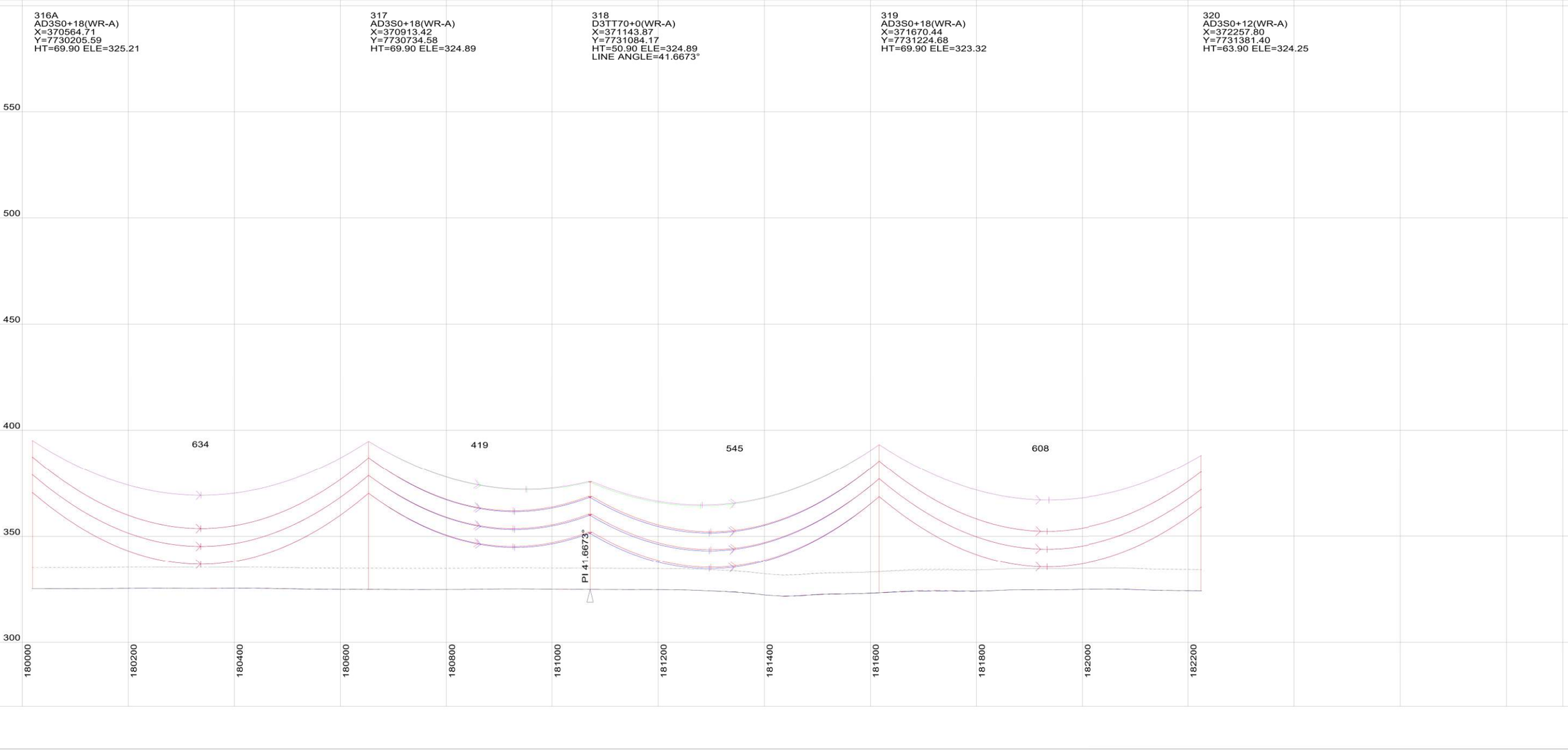
316A
AD3S0+18(WR-A)
X=370564.71
Y=7730205.59
HT=69.90 ELE=325.21

317
AD3S0+18(WR-A)
X=370913.42
Y=7730734.58
HT=69.90 ELE=324.89

318
D3TT70+0(WR-A)
X=371143.87
Y=7731084.17
HT=50.90 ELE=324.89
LINE ANGLE=41.6673°

319
AD3S0+18(WR-A)
X=371670.44
Y=7731224.68
HT=69.90 ELE=323.32

320
AD3S0+12(WR-A)
X=372257.80
Y=7731381.40
HT=63.90 ELE=324.25



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET76 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0076	76	A



CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

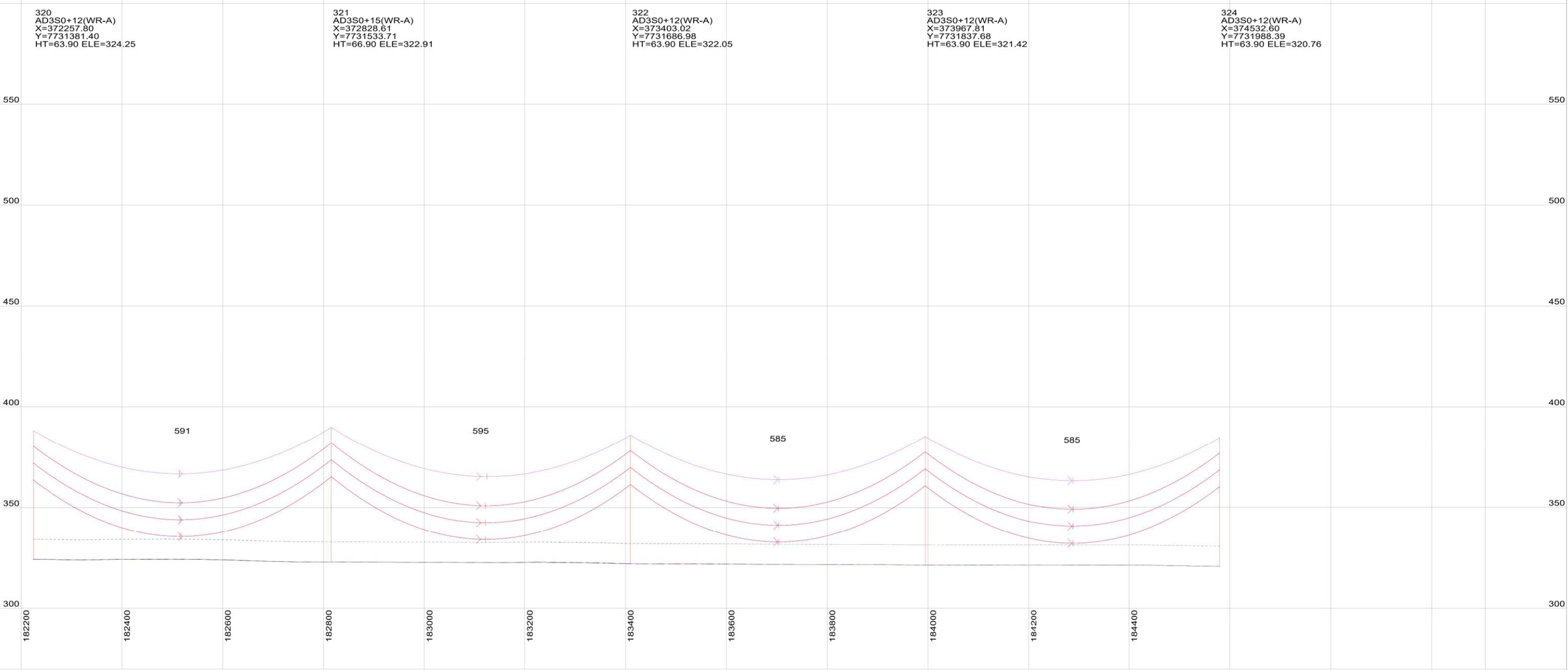
320
AD3S0+12(WR-A)
X=372257.80
Y=7731381.40
HT=63.90 ELE=324.25

321
AD3S0+15(WR-A)
X=372828.61
Y=7731533.71
HT=66.90 ELE=322.91

322
AD3S0+12(WR-A)
X=373403.02
Y=7731686.98
HT=63.90 ELE=322.05

323
AD3S0+12(WR-A)
X=373967.81
Y=7731837.68
HT=63.90 ELE=321.42

324
AD3S0+12(WR-A)
X=374532.60
Y=7731988.39
HT=63.90 ELE=320.76



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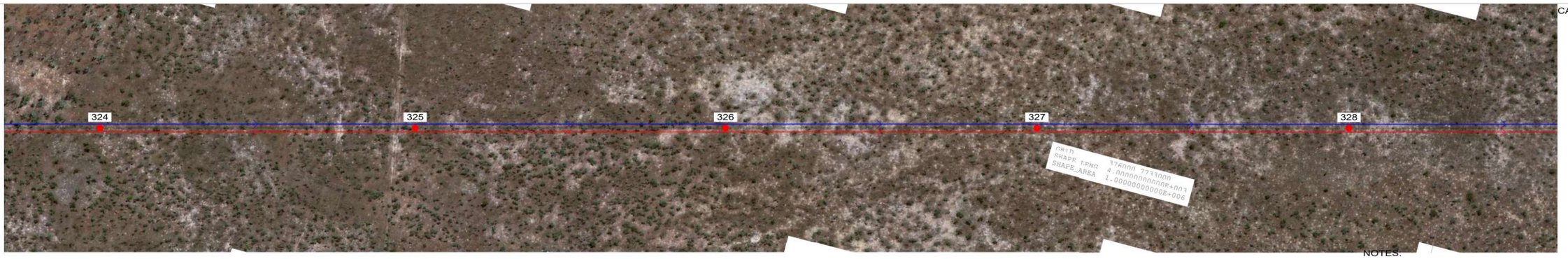
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET77 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0077 | SHEET 77 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



324
AD3S0+12(WR-A)
X=374532.60
Y=7731988.39
HT=63.90 ELE=320.76

325
AD3S0+12(WR-A)
X=375102.43
Y=7732140.43
HT=63.90 ELE=319.61

326
AD3S0+12(WR-A)
X=375664.18
Y=7732290.32
HT=63.90 ELE=319.98

327
AD3S0+12(WR-A)
X=376226.96
Y=7732440.49
HT=63.90 ELE=320.27

328
AD3S0+12(WR-A)
X=376791.75
Y=7732591.19
HT=63.90 ELE=318.90



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET78 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0078	78	A



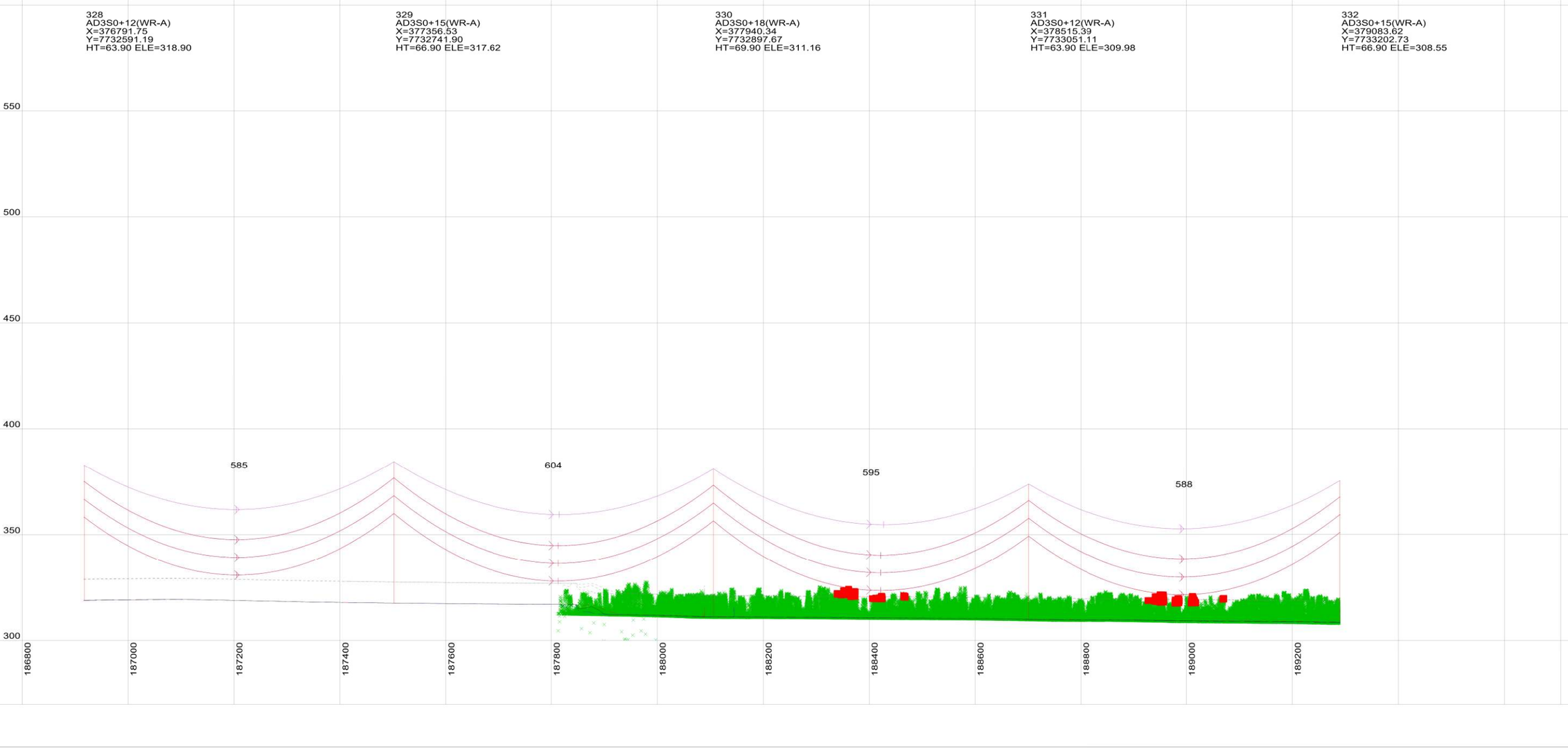
328
AD3S0+12(WR-A)
X=376791.75
Y=7732591.19
HT=63.90 ELE=318.90

329
AD3S0+15(WR-A)
X=377356.53
Y=7732741.90
HT=66.90 ELE=317.62

330
AD3S0+18(WR-A)
X=377940.34
Y=7732897.67
HT=69.90 ELE=311.16

331
AD3S0+12(WR-A)
X=378515.39
Y=7733051.11
HT=63.90 ELE=309.98

332
AD3S0+15(WR-A)
X=379083.62
Y=7733202.73
HT=66.90 ELE=308.55



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET 79 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0079	79	A



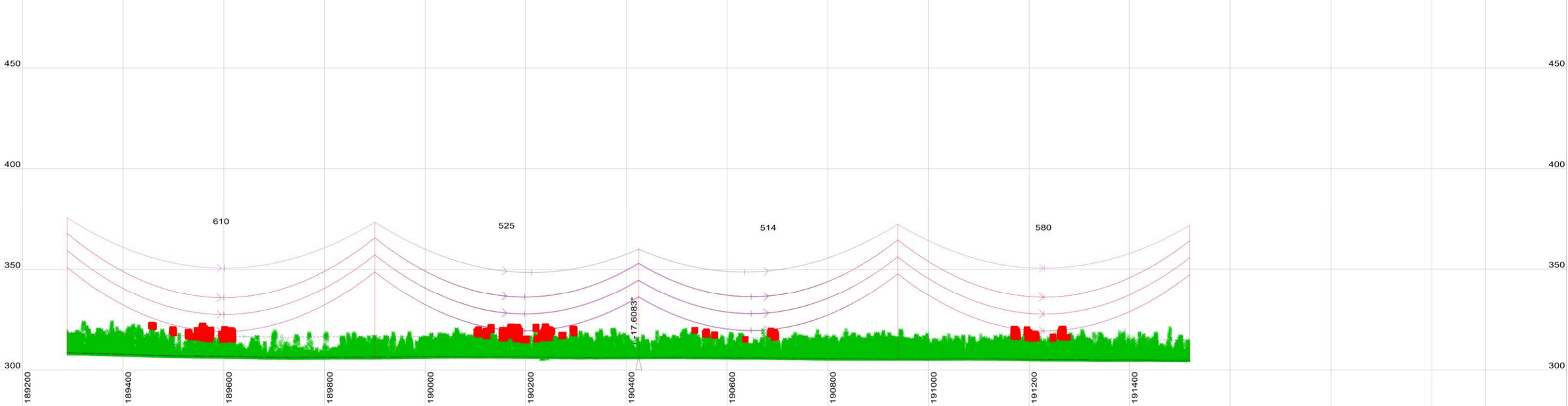
332
AD3S0+15(WR-A)
X=379083.62
Y=7733202.73
HT=66.90 ELE=308.55

333
AD3S0+15(WR-A)
X=379673.46
Y=7733360.12
HT=66.90 ELE=306.47

334
AD3T20+3(WR-A)
X=380180.48
Y=7733495.41
HT=53.90 ELE=306.16
LINE ANGLE=-17.6083°

335
AD3S0+15(WR-A)
X=380614.13
Y=7733772.19
HT=66.90 ELE=305.44

336
AD3S0+15(WR-A)
X=381103.25
Y=7734084.37
HT=66.90 ELE=304.79



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A1 | SCALE@A1 AS SHOWN

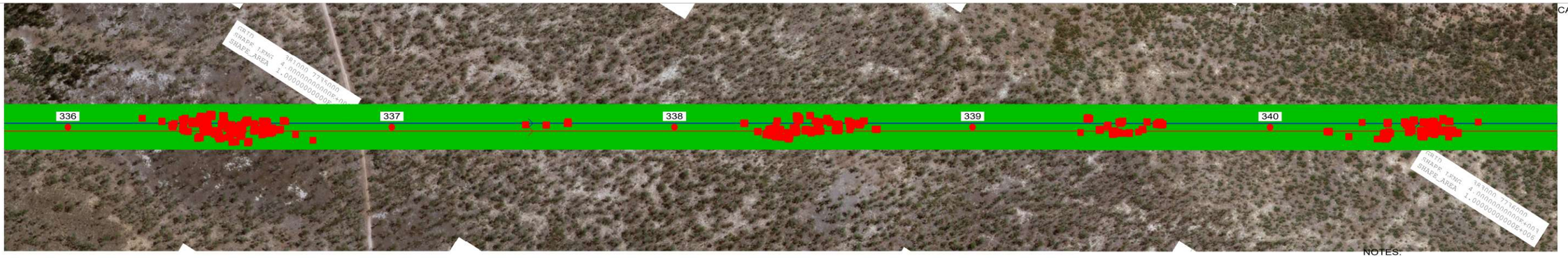
UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET80 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0080	80	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. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

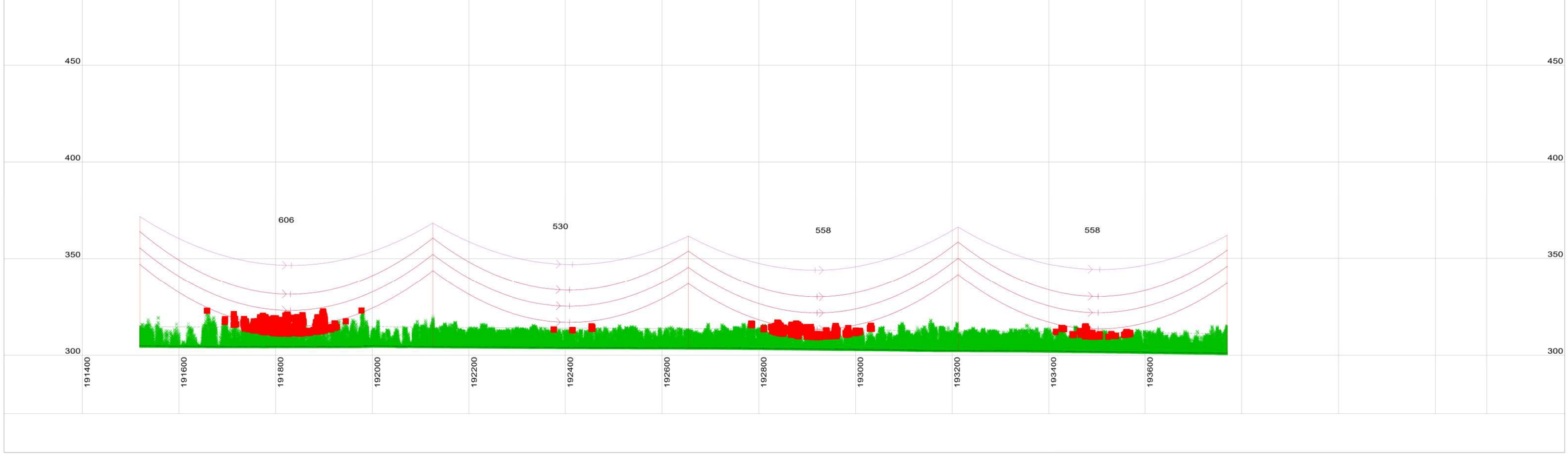
336
AD3S0+15(WR-A)
X=381103.25
Y=7734084.37
HT=66.90 ELE=304.79

337
AD3S0+12(WR-A)
X=381613.97
Y=7734410.35
HT=63.90 ELE=304.46

338
AD3S0+6(WR-A)
X=382060.32
Y=7734695.23
HT=57.90 ELE=303.79

339
AD3S0+12(WR-A)
X=382530.28
Y=7734995.19
HT=63.90 ELE=302.44

340
AD3S0+9(WR-A)
X=383000.24
Y=7735295.14
HT=60.90 ELE=301.02



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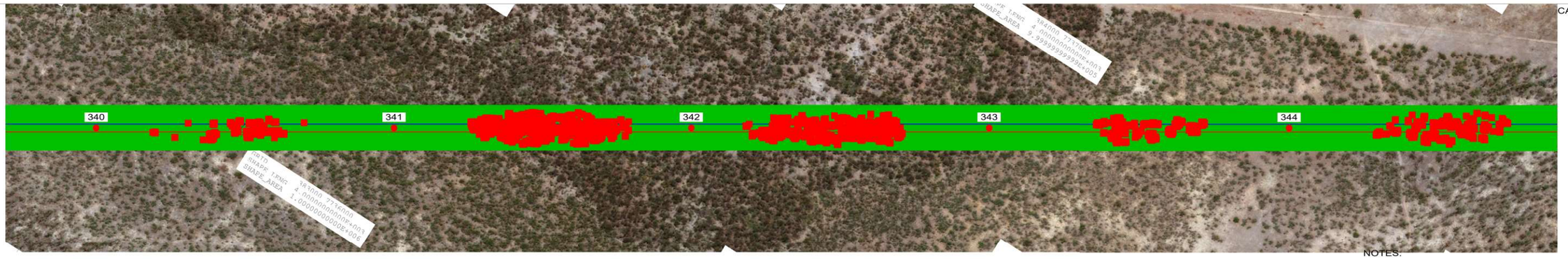
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET81 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0081	81	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:

1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

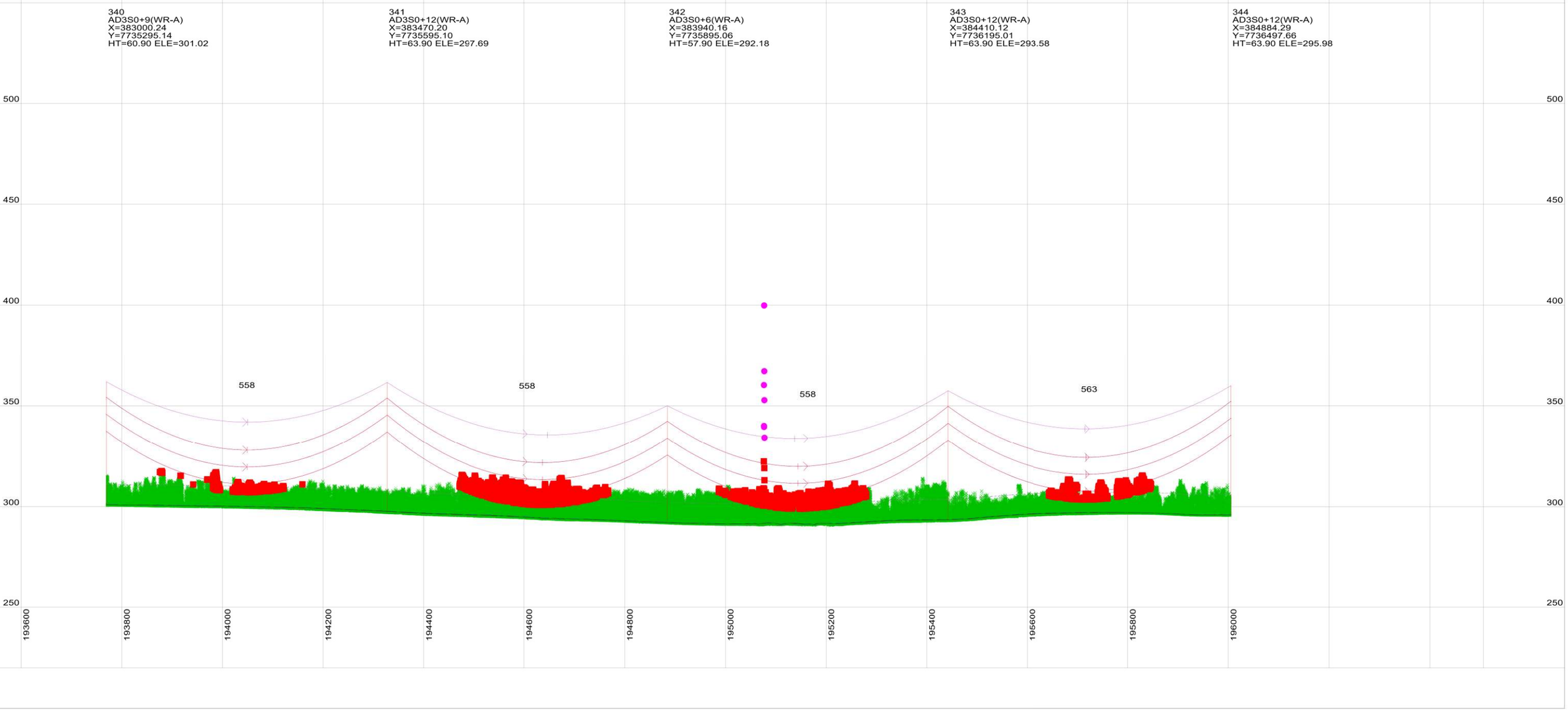
340
AD3S0+9(WR-A)
X=383000.24
Y=7735295.14
HT=60.90 ELE=301.02

341
AD3S0+12(WR-A)
X=383470.20
Y=7735595.10
HT=63.90 ELE=297.69

342
AD3S0+6(WR-A)
X=383940.16
Y=7735895.06
HT=57.90 ELE=292.18

343
AD3S0+12(WR-A)
X=384410.12
Y=7736195.01
HT=63.90 ELE=293.58

344
AD3S0+12(WR-A)
X=384884.29
Y=7736497.66
HT=63.90 ELE=295.98



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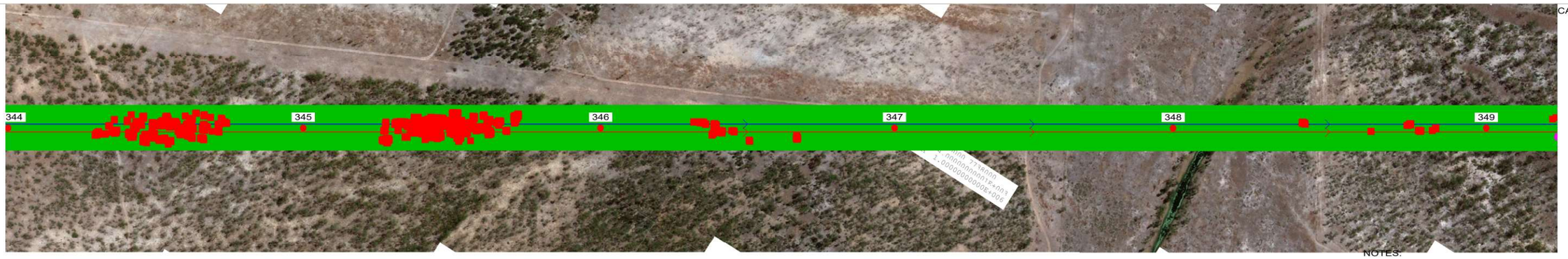
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET82 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0082	82	A

CONFIRM SCALE 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

344
AD3S0+12(WR-A)
X=384884.29
Y=7736497.66
HT=63.90 ELE=295.98

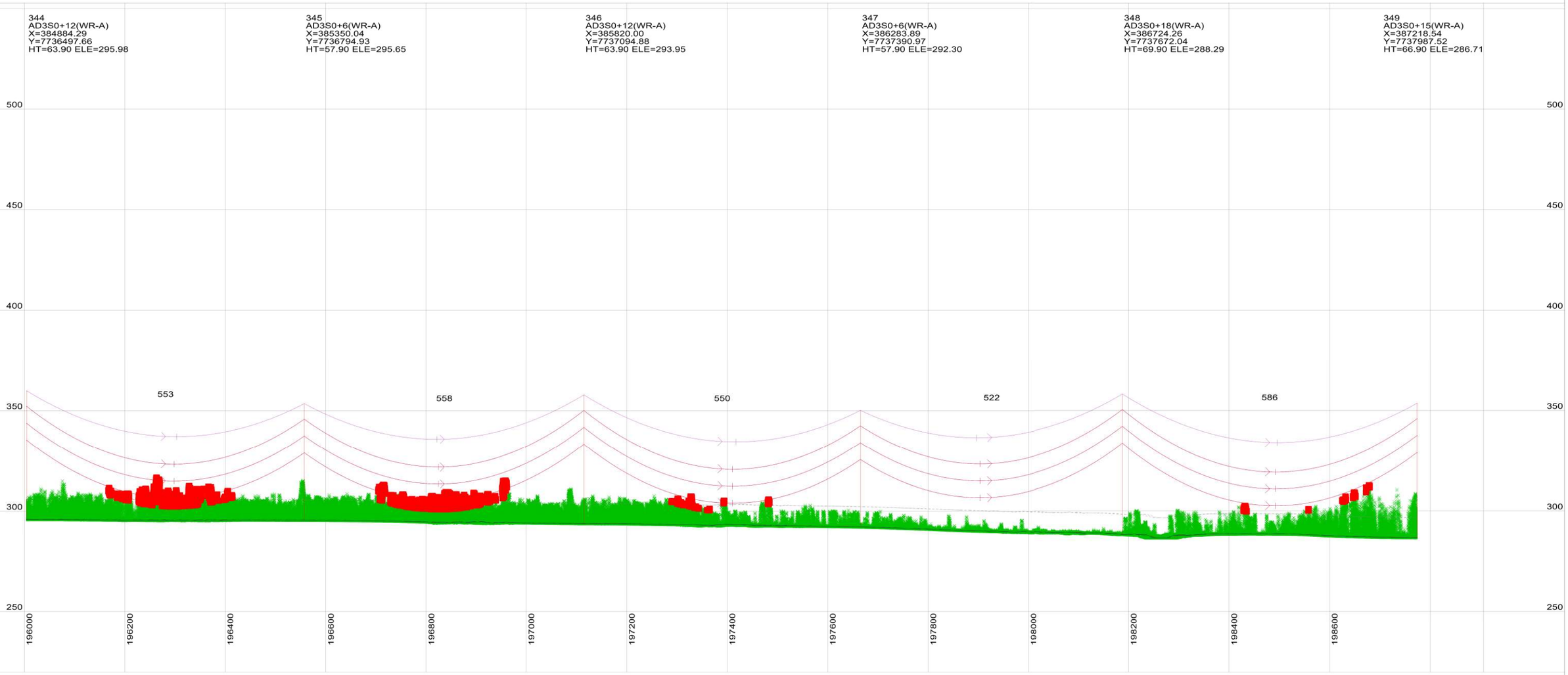
345
AD3S0+6(WR-A)
X=385350.04
Y=7736794.93
HT=57.90 ELE=295.65

346
AD3S0+12(WR-A)
X=385820.00
Y=7737094.88
HT=63.90 ELE=293.95

347
AD3S0+6(WR-A)
X=386283.89
Y=7737390.97
HT=57.90 ELE=292.30

348
AD3S0+18(WR-A)
X=386724.26
Y=7737672.04
HT=69.90 ELE=288.29

349
AD3S0+15(WR-A)
X=387218.54
Y=7737987.52
HT=66.90 ELE=286.71



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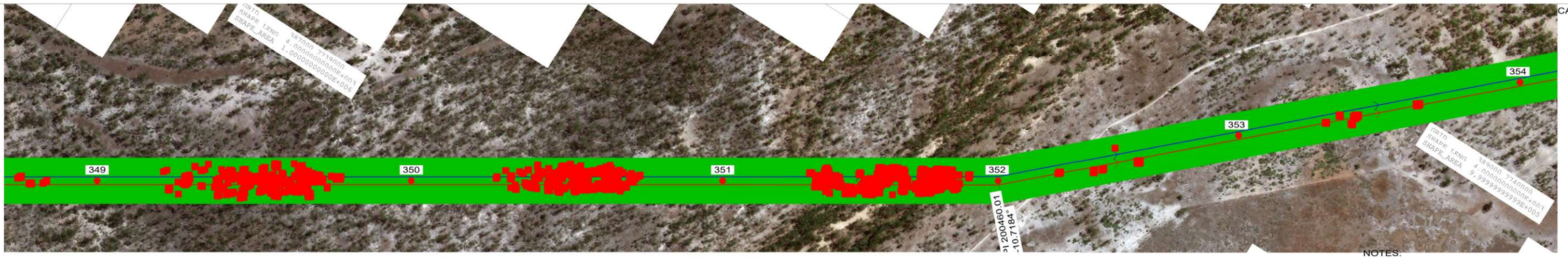
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET83 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0083	83	A

CONFIRM SCALE 100mm ON A1 ORIGINAL



349
AD3S0+15(WR-A)
X=387218.54
Y=7737987.52
HT=66.90 ELE=286.71

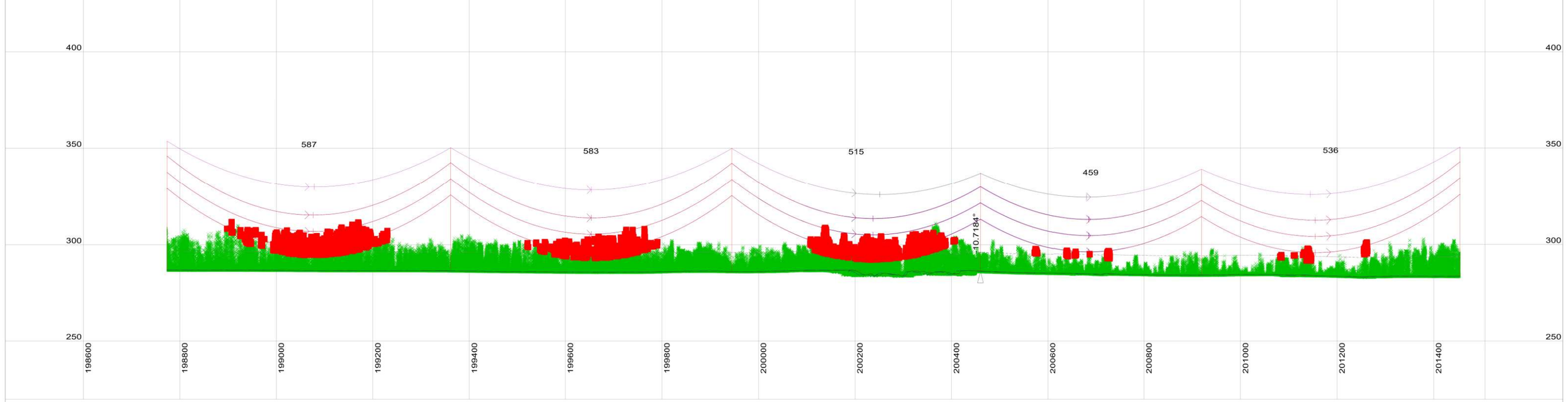
350
AD3S0+12(WR-A)
X=387713.64
Y=7738303.52
HT=63.90 ELE=286.36

351
AD3S0+12(WR-A)
X=388205.47
Y=7738617.43
HT=63.90 ELE=286.04

352
AD3T20+0(WR-A)
X=388639.76
Y=7738894.63
HT=50.90 ELE=286.16
LINE ANGLE=-10.7184°

353
AD3S0+3(WR-A)
X=388973.86
Y=7739209.10
HT=54.90 ELE=284.06

354
AD3S0+15(WR-A)
X=389363.83
Y=7739576.16
HT=66.90 ELE=283.59



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET84 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0084	84	A



CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

354
AD3S0+15(WR-A)
X=389363.83
Y=7739576.16
HT=66.90 ELE=283.59

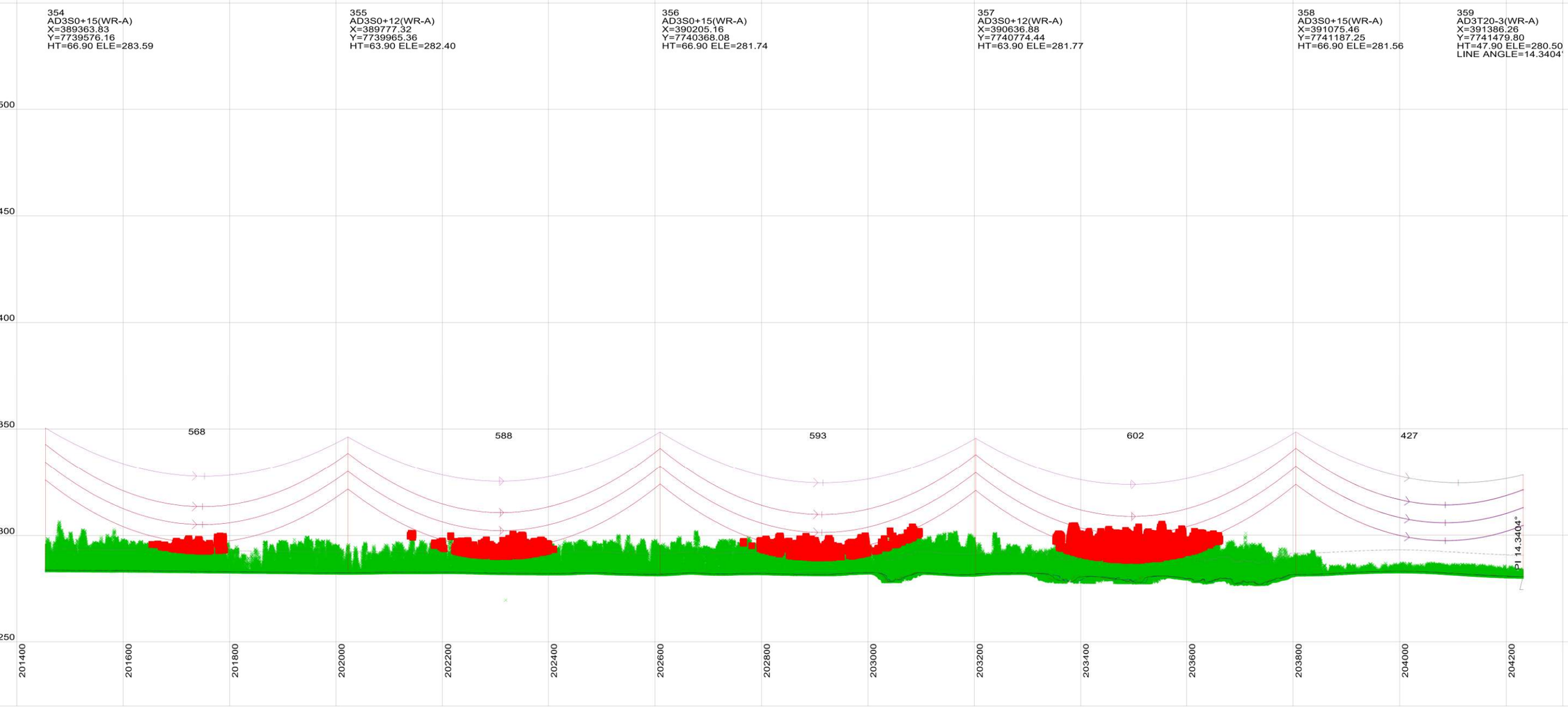
355
AD3S0+12(WR-A)
X=389777.32
Y=7739965.36
HT=63.90 ELE=282.40

356
AD3S0+15(WR-A)
X=390205.16
Y=7740368.08
HT=66.90 ELE=281.74

357
AD3S0+12(WR-A)
X=390636.88
Y=7740774.44
HT=63.90 ELE=281.77

358
AD3S0+15(WR-A)
X=391075.46
Y=7741187.25
HT=66.90 ELE=281.56

359
AD3T20-3(WR-A)
X=391386.26
Y=7741479.80
HT=47.90 ELE=280.50
LINE ANGLE=14.3404°



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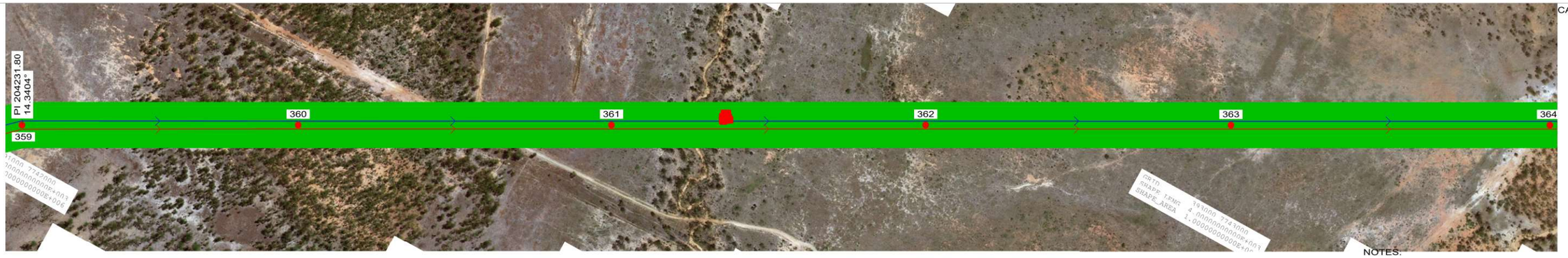
A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET85 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0085	85	A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

359
AD3T20-3(WR-A)
X=391386.26
Y=7741479.80
HT=47.90 ELE=280.50
LINE ANGLE=14.3404°

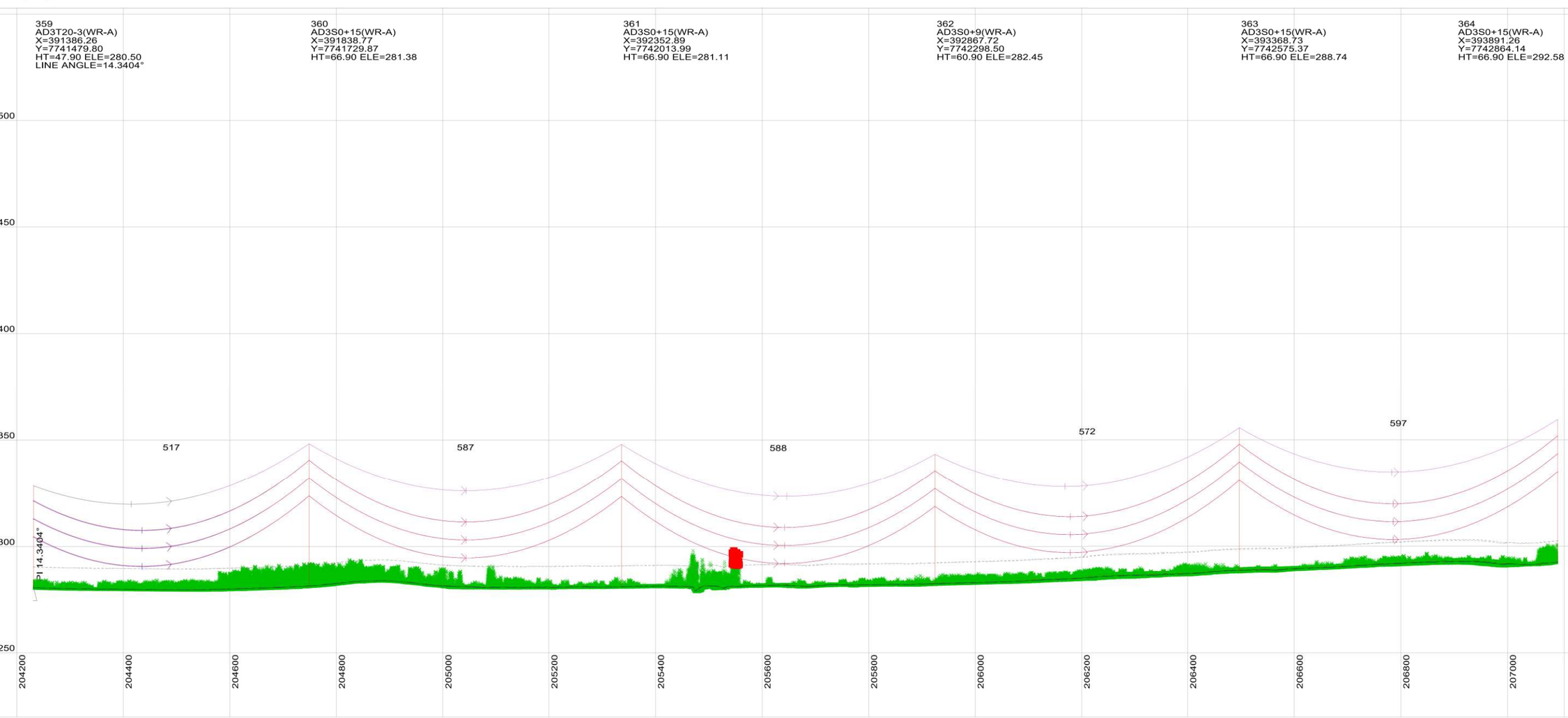
360
AD3S0+15(WR-A)
X=391838.77
Y=7741729.87
HT=66.90 ELE=281.38

361
AD3S0+15(WR-A)
X=392352.89
Y=7742013.99
HT=66.90 ELE=281.11

362
AD3S0+9(WR-A)
X=392867.72
Y=7742298.50
HT=60.90 ELE=282.45

363
AD3S0+15(WR-A)
X=393368.73
Y=7742575.37
HT=66.90 ELE=288.74

364
AD3S0+15(WR-A)
X=393891.26
Y=7742864.14
HT=66.90 ELE=292.58



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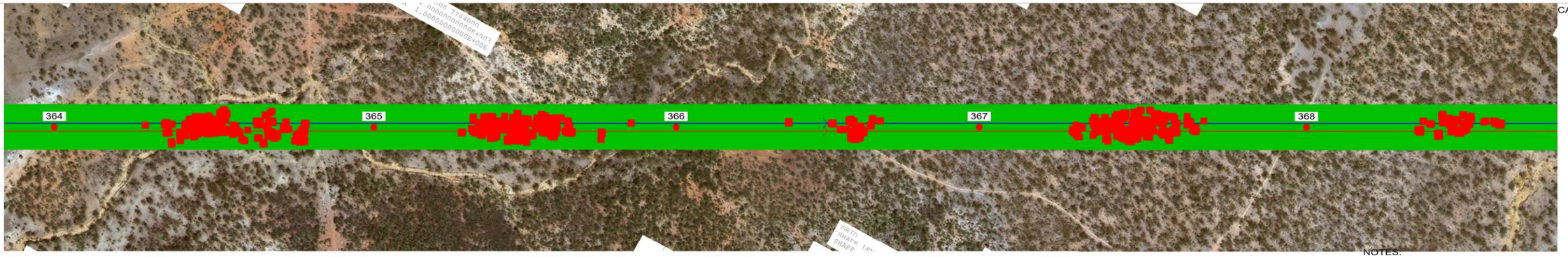
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET86 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0086	86	A



CADD DRAWING

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

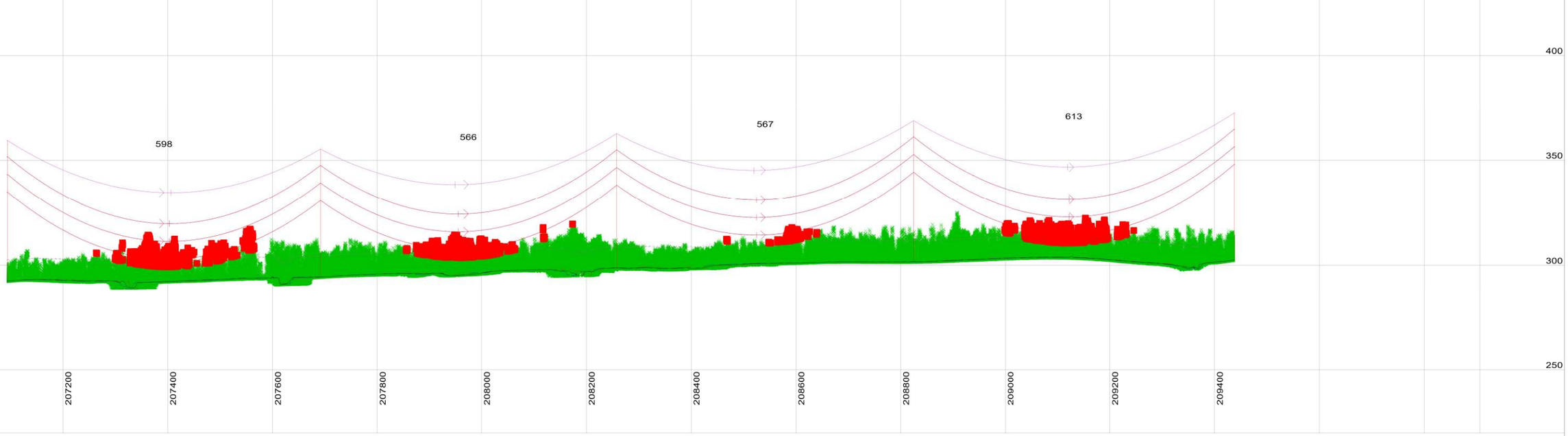
364
AD3S0+15(WR-A)
X=393891.26
Y=7742864.14
HT=66.90 ELE=292.58

365
AD3S0+9(WR-A)
X=394414.27
Y=7743153.17
HT=60.90 ELE=294.44

366
AD3S0+12(WR-A)
X=394910.07
Y=7743427.17
HT=63.90 ELE=298.82

367
AD3S0+15(WR-A)
X=395406.13
Y=7743701.31
HT=66.90 ELE=301.97

368
AD3S0+18(WR-A)
VERIFY THE LOCATION
X=395942.78
Y=7743997.88
HT=69.90 ELE=302.63



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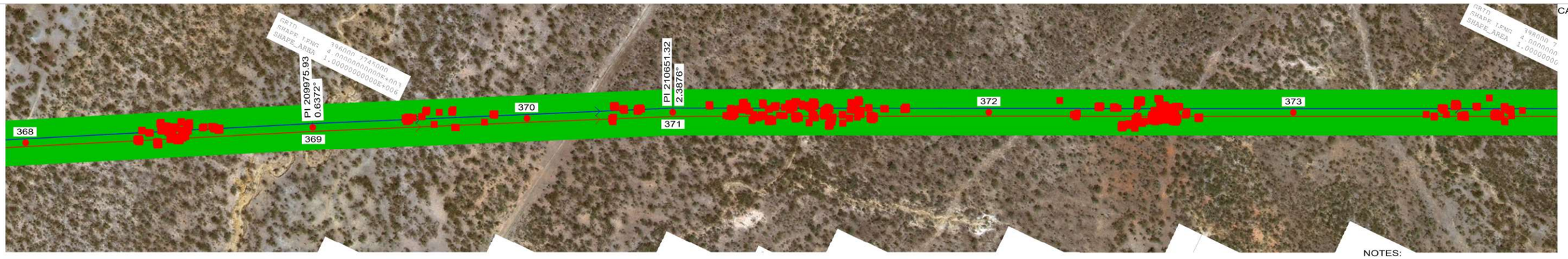
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET87 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0087 | SHEET 87 | AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL



368
AD3S0+18(WR-A)
VERIFY THE LOCATION
X=395942.78
Y=7743997.88
HT=69.90 ELE=302.63

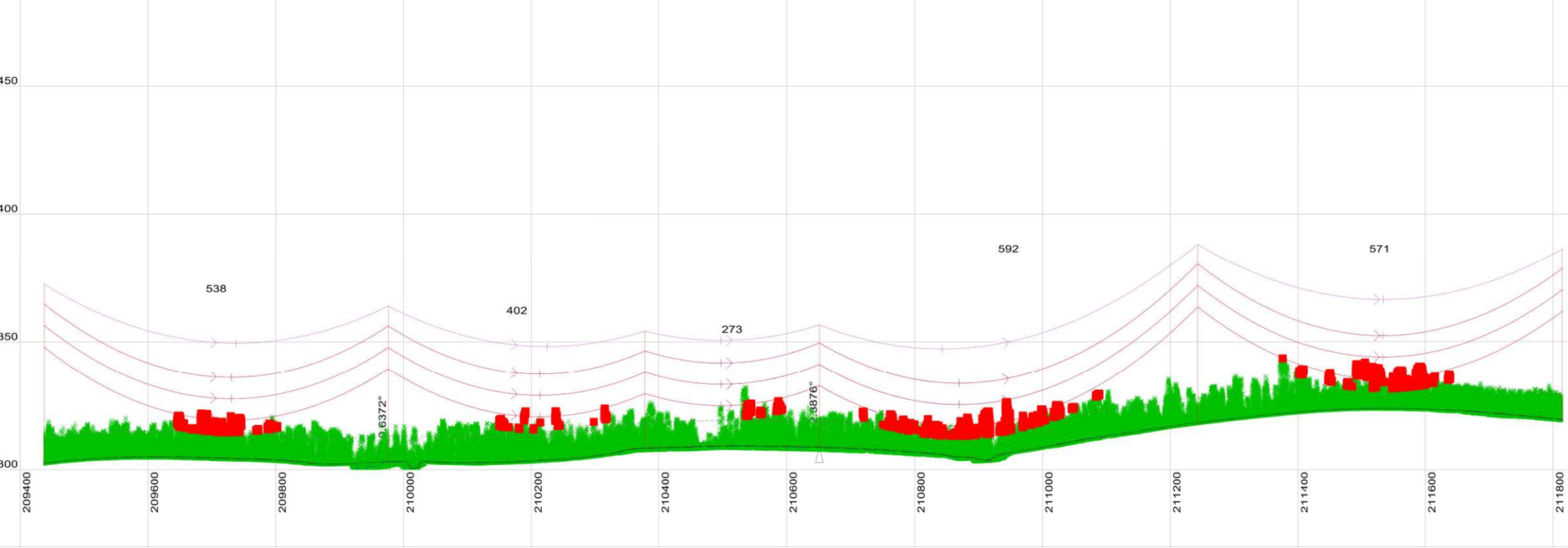
369
D3S2+9(WR-A)
X=396413.77
Y=7744258.16
HT=60.90 ELE=303.09
LINE ANGLE=0.6372°

370
AD3S0-6(WR-A)
X=396768.07
Y=7744448.84
HT=45.90 ELE=308.39

371
AD3T20-3(WR-A)
X=397008.49
Y=7744578.24
HT=47.90 ELE=308.78
LINE ANGLE=2.3876°

372
AD3S0+18(WR-A)
X=397540.70
Y=7744836.69
HT=69.90 ELE=318.30

373
AD3S0+15(WR-A)
X=398054.46
Y=7745086.17
HT=66.90 ELE=319.50



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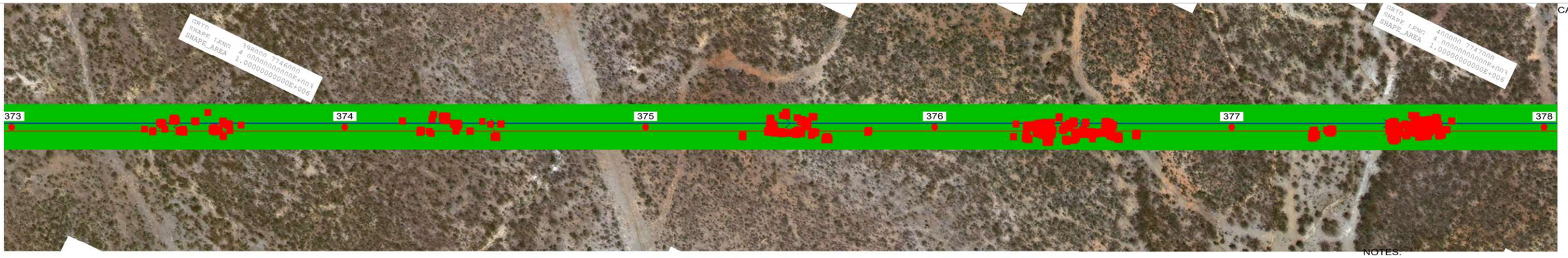
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET88 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0088	88	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

373
AD3S0+15(WR-A)
X=398054.46
Y=7745086.17
HT=66.90 ELE=319.50

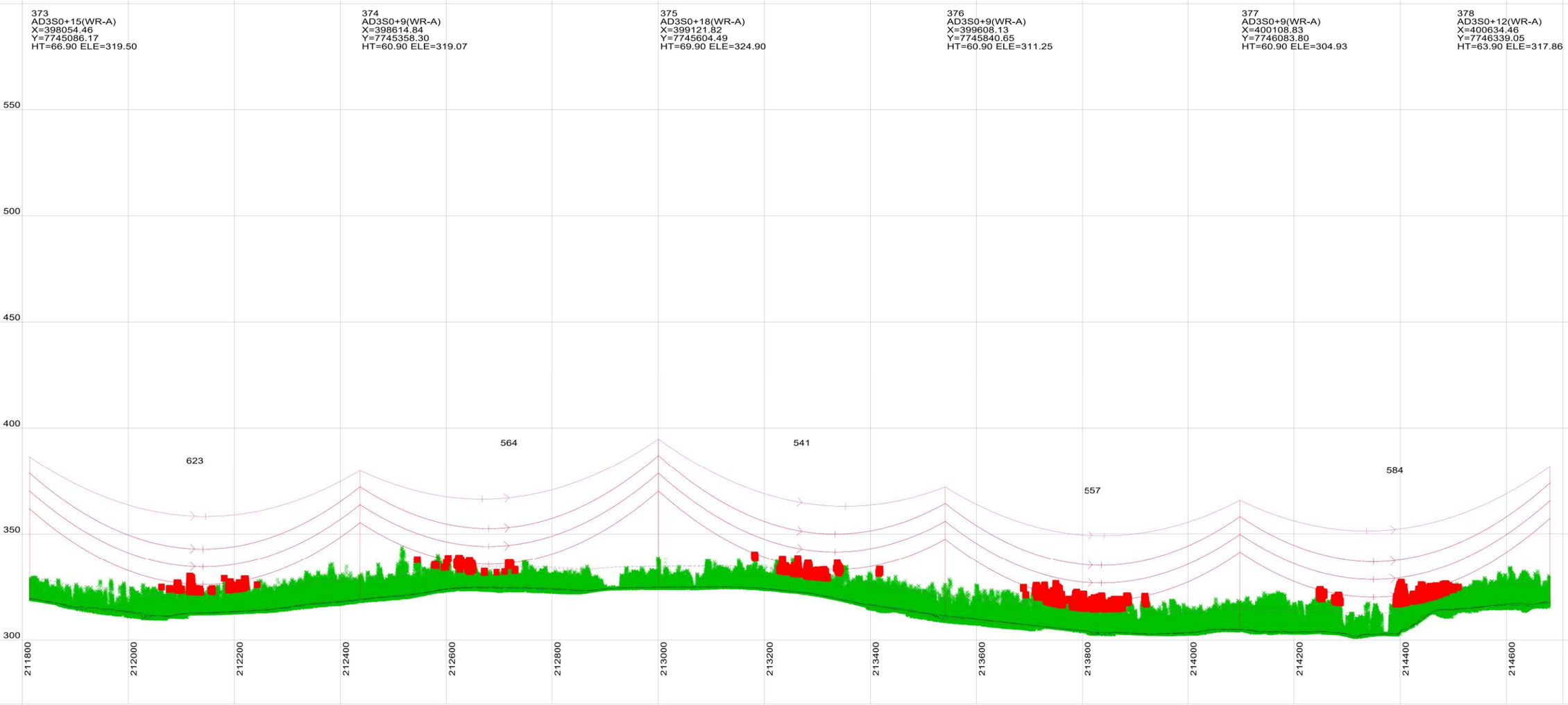
374
AD3S0+9(WR-A)
X=398614.84
Y=7745358.30
HT=60.90 ELE=319.07

375
AD3S0+18(WR-A)
X=399121.82
Y=7745604.49
HT=69.90 ELE=324.90

376
AD3S0+9(WR-A)
X=399608.13
Y=7745840.65
HT=60.90 ELE=311.25

377
AD3S0+9(WR-A)
X=400108.83
Y=7746083.80
HT=60.90 ELE=304.93

378
AD3S0+12(WR-A)
X=400634.46
Y=7746339.05
HT=63.90 ELE=317.86



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET89 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0089	89	A



378
AD3S0+12(WR-A)
X=400634.46
Y=7746339.05
HT=63.90 ELE=317.86

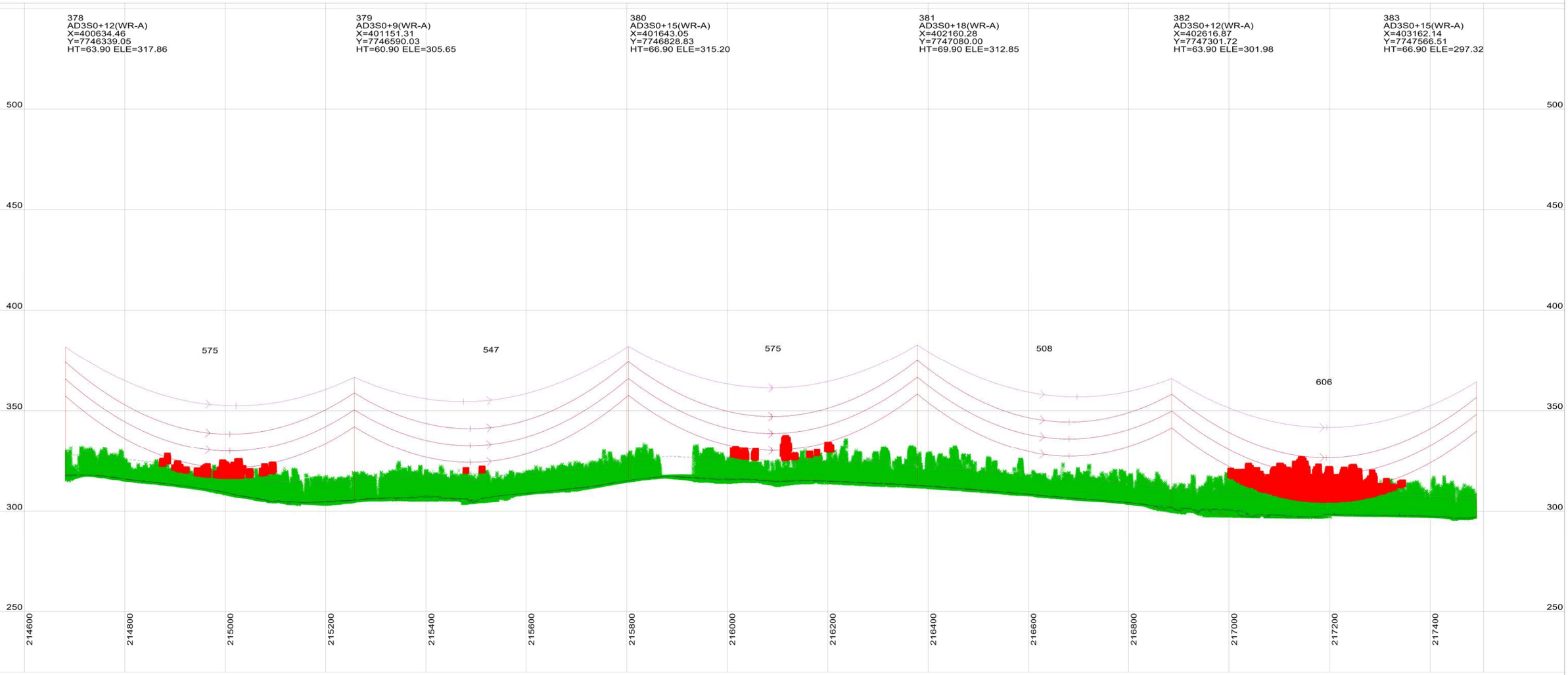
379
AD3S0+9(WR-A)
X=401151.31
Y=7746590.03
HT=60.90 ELE=305.65

380
AD3S0+15(WR-A)
X=401643.05
Y=7746828.83
HT=66.90 ELE=315.20

381
AD3S0+18(WR-A)
X=402160.28
Y=7747080.00
HT=69.90 ELE=312.85

382
AD3S0+12(WR-A)
X=402616.87
Y=7747301.72
HT=63.90 ELE=301.98

383
AD3S0+15(WR-A)
X=403162.14
Y=7747566.51
HT=66.90 ELE=297.32



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET90 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0090	90	A



383
AD3S0+15(WR-A)
X=403162.14
Y=7747566.51
HT=66.90 ELE=297.32

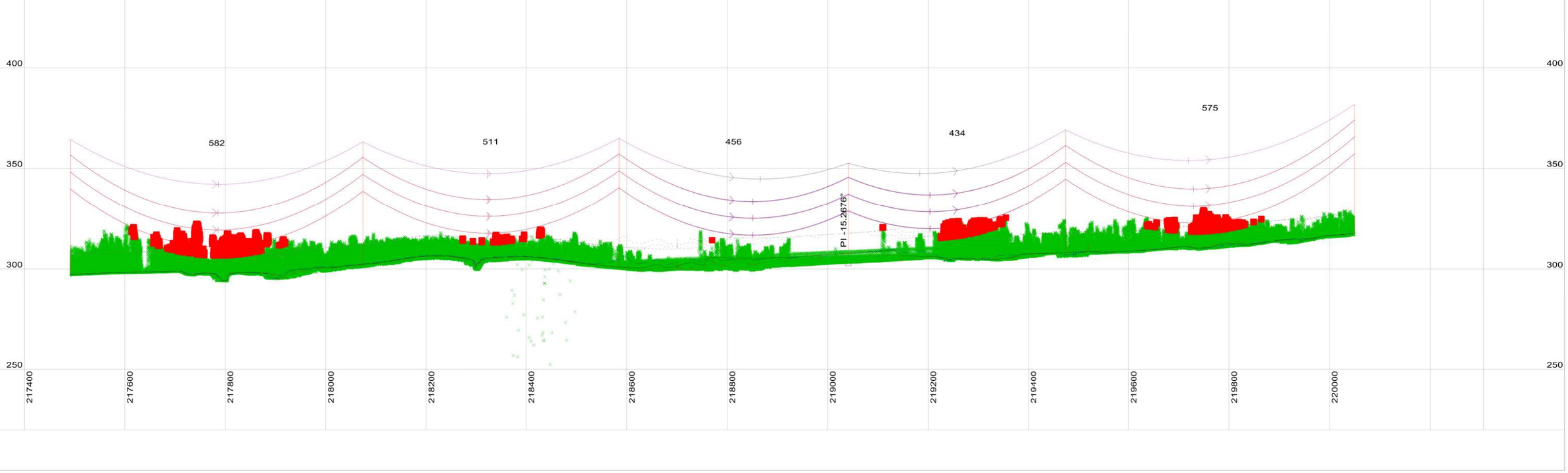
384
AD3S0+9(WR-A)
X=403685.40
Y=7747820.61
HT=60.90 ELE=302.26

385
AD3S0+12(WR-A)
X=404144.98
Y=7748043.79
HT=63.90 ELE=300.97

386
AD3T20-6(WR-A)
X=404555.47
Y=7748243.13
HT=44.90 ELE=307.68
LINE ANGLE=-15.2676°

387
AD3S0+9(WR-A)
X=404881.92
Y=7748528.60
HT=60.90 ELE=308.21

388
AD3S0+12(WR-A)
X=405314.51
Y=7748906.90
HT=63.90 ELE=317.81



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

UGL
COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET91 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0091	91	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

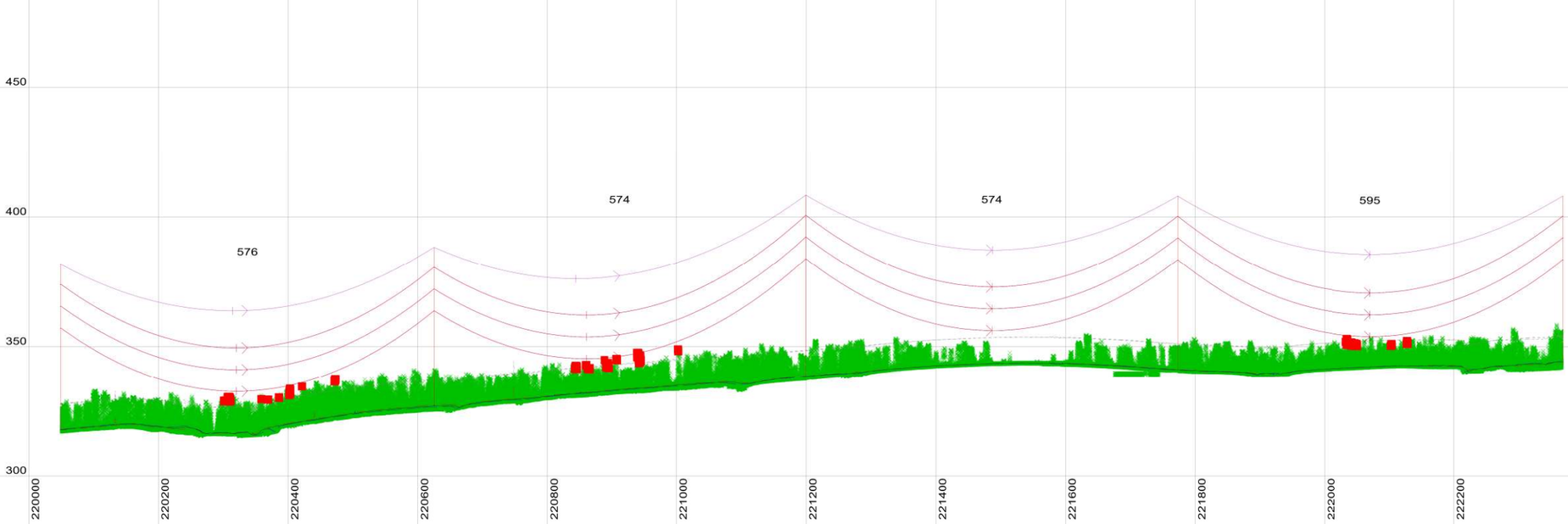
388
AD3S0+12(WR-A)
X=405314.51
Y=7748906.90
HT=63.90 ELE=317.81

389
AD3S0+9(WR-A)
X=405747.83
Y=7749285.82
HT=60.90 ELE=327.46

390
AD3S0+18(WR-A)
X=406180.26
Y=7749663.98
HT=69.90 ELE=338.51

391
AD3S0+15(WR-A)
X=406612.06
Y=7750041.59
HT=66.90 ELE=341.14

392
AD3S0+12(WR-A)
X=407059.83
Y=7750433.15
HT=63.90 ELE=344.10



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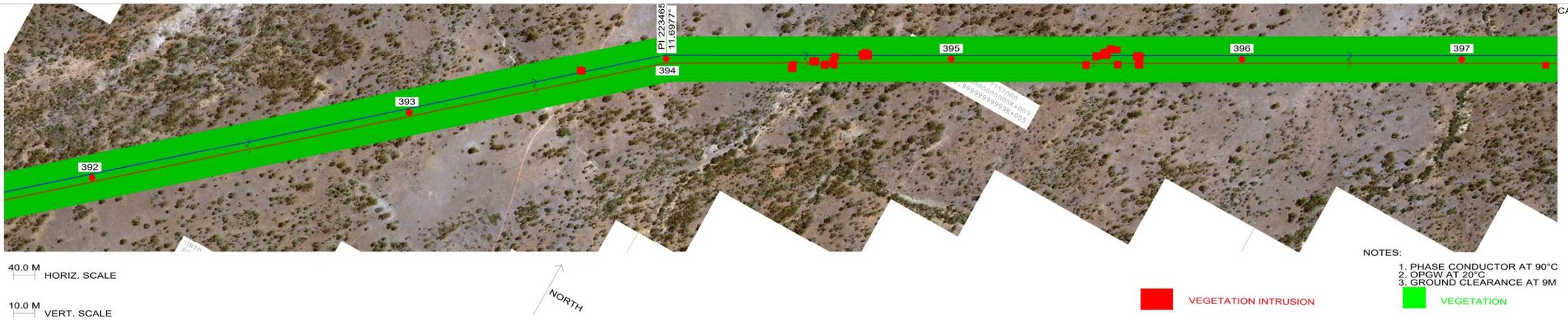
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET92 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0092	92	A



392
AD3S0+12(WR-A)
X=407059.83
Y=7750433.15
HT=63.90 ELE=344.10

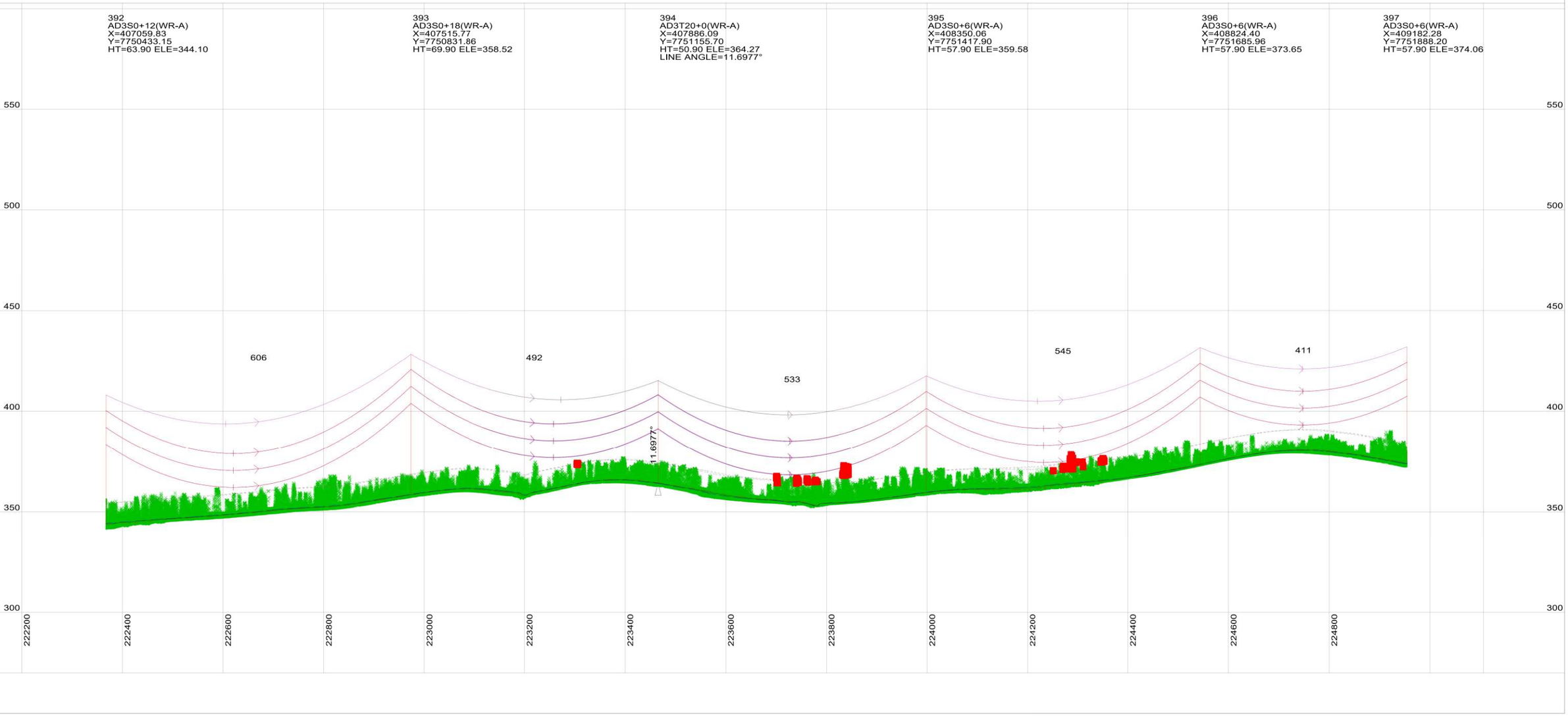
393
AD3S0+18(WR-A)
X=407515.77
Y=7750831.86
HT=69.90 ELE=358.52

394
AD3T20+0(WR-A)
X=407886.09
Y=7751155.70
HT=50.90 ELE=364.27
LINE ANGLE=11.6977°

395
AD3S0+6(WR-A)
X=408350.06
Y=7751417.90
HT=57.90 ELE=359.58

396
AD3S0+6(WR-A)
X=408824.40
Y=7751685.96
HT=57.90 ELE=373.65

397
AD3S0+6(WR-A)
X=409182.28
Y=7751888.20
HT=57.90 ELE=374.06



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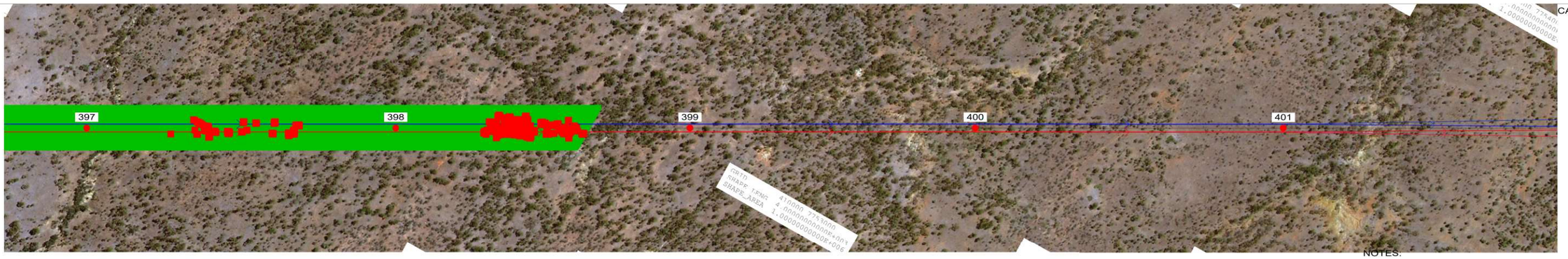
A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET93 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0093 | SHEET 93 | AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL



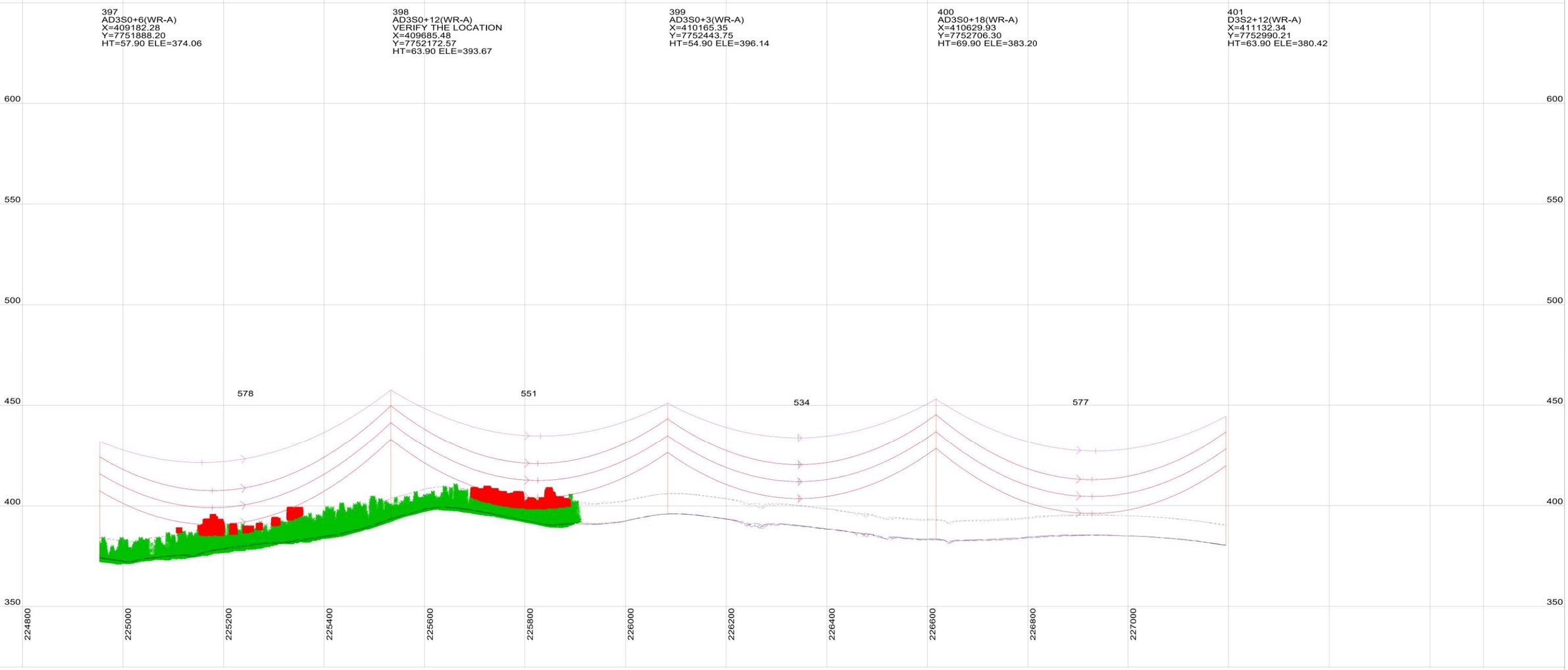
397
AD3S0+6(WR-A)
X=409182.28
Y=7751888.20
HT=57.90 ELE=374.06

398
AD3S0+12(WR-A)
VERIFY THE LOCATION
X=409685.48
Y=7752172.57
HT=63.90 ELE=393.67

399
AD3S0+3(WR-A)
X=410165.35
Y=7752443.75
HT=54.90 ELE=396.14

400
AD3S0+18(WR-A)
X=410629.93
Y=7752706.30
HT=69.90 ELE=383.20

401
D3S2+12(WR-A)
X=411132.34
Y=7752990.21
HT=63.90 ELE=380.42



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET94 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0094	94	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

401
D3S2+12(WR-A)
X=411132.34
Y=7752990.21
HT=63.90 ELE=380.42

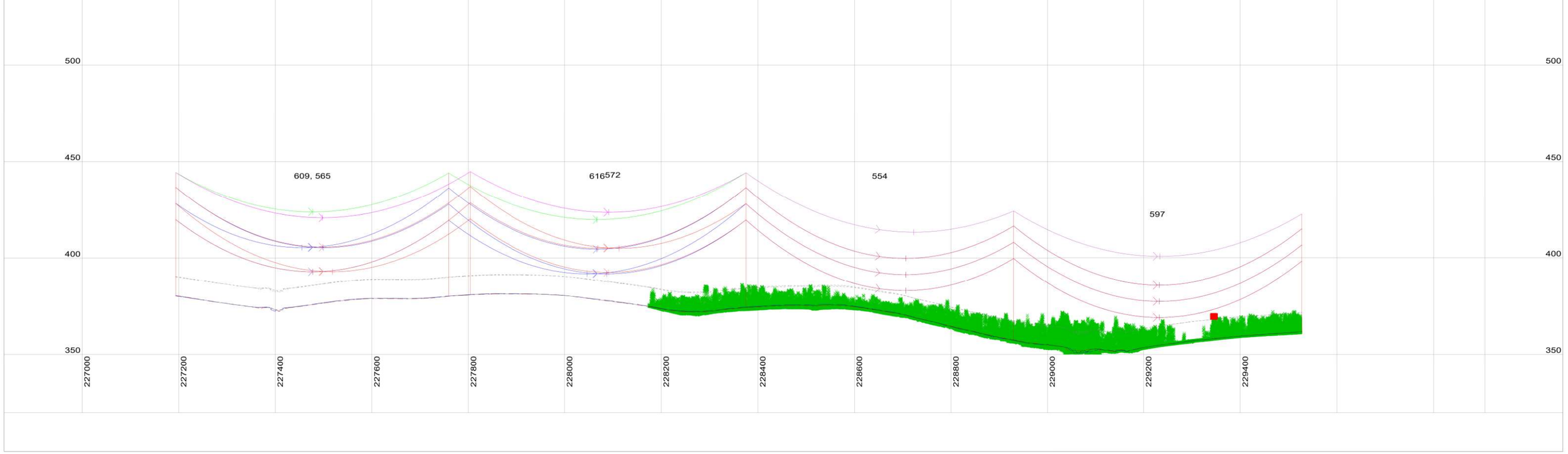
402A
D3S2+12(WR-A)
X=411619.13
Y=7753276.79
HT=63.90 ELE=380.18

402B
D3S2+12(WR-A)
X=411667.77
Y=7753281.31
HT=63.90 ELE=380.91

403
D3S2+18(WR-A)
X=412160.60
Y=7753571.30
HT=69.90 ELE=374.35

404
AD3S0+15(WR-A)
X=412643.10
Y=7753843.97
HT=66.90 ELE=357.42

405
AD3S0+9(WR-A)
X=413163.08
Y=7754137.82
HT=60.90 ELE=361.80



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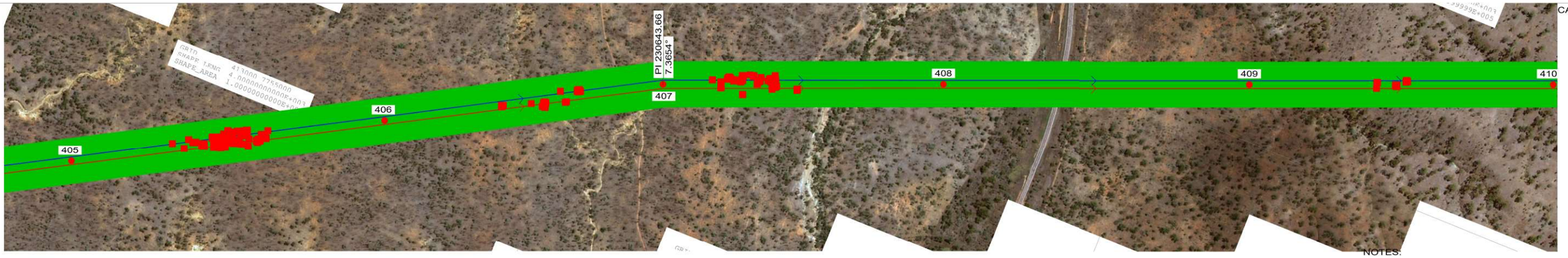
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET95 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0095	95	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

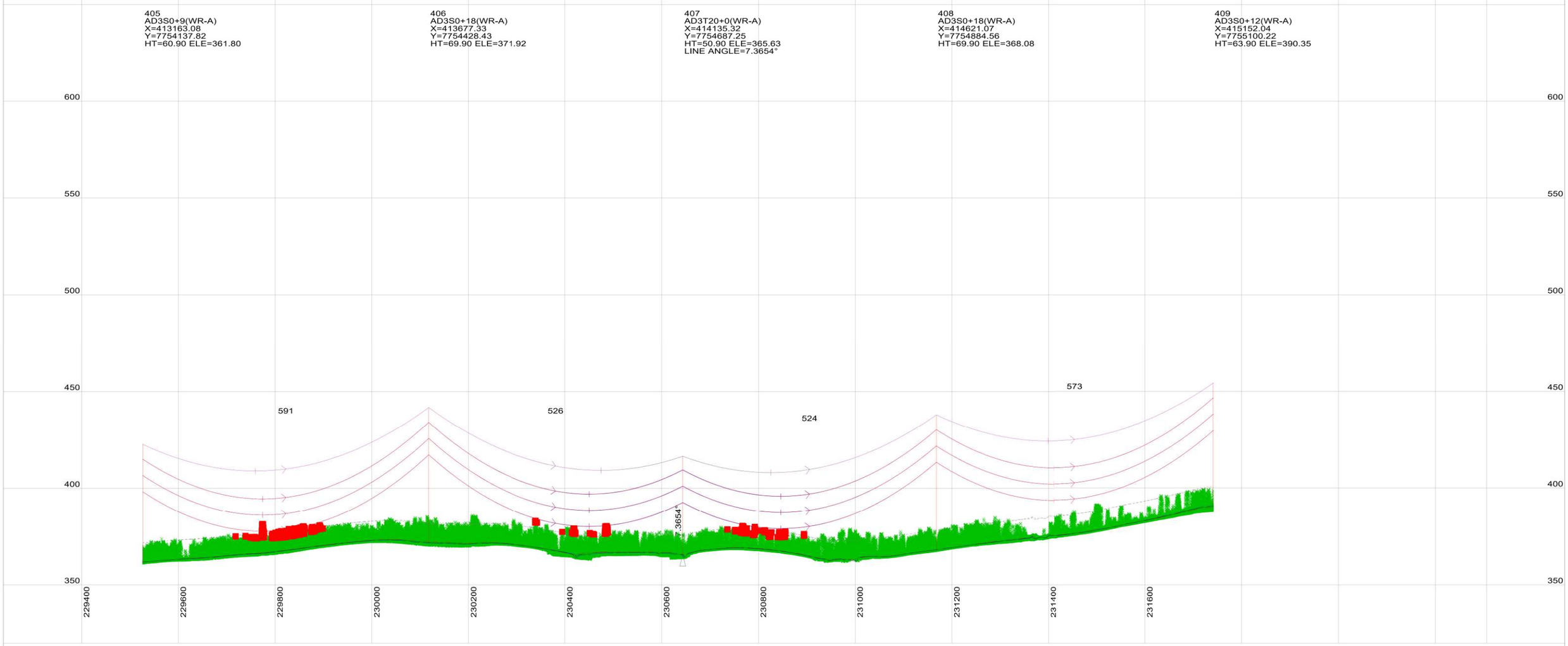
405
AD3S0+9(WR-A)
X=413163.08
Y=7754137.82
HT=60.90 ELE=361.80

406
AD3S0+18(WR-A)
X=413677.33
Y=7754428.43
HT=69.90 ELE=371.92

407
AD3T20+0(WR-A)
X=414135.32
Y=7754687.25
HT=50.90 ELE=365.63
LINE ANGLE=7.3654°

408
AD3S0+18(WR-A)
X=414621.07
Y=7754884.56
HT=69.90 ELE=368.08

409
AD3S0+12(WR-A)
X=415152.04
Y=7755100.22
HT=63.90 ELE=390.35



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET96 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0096	96	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

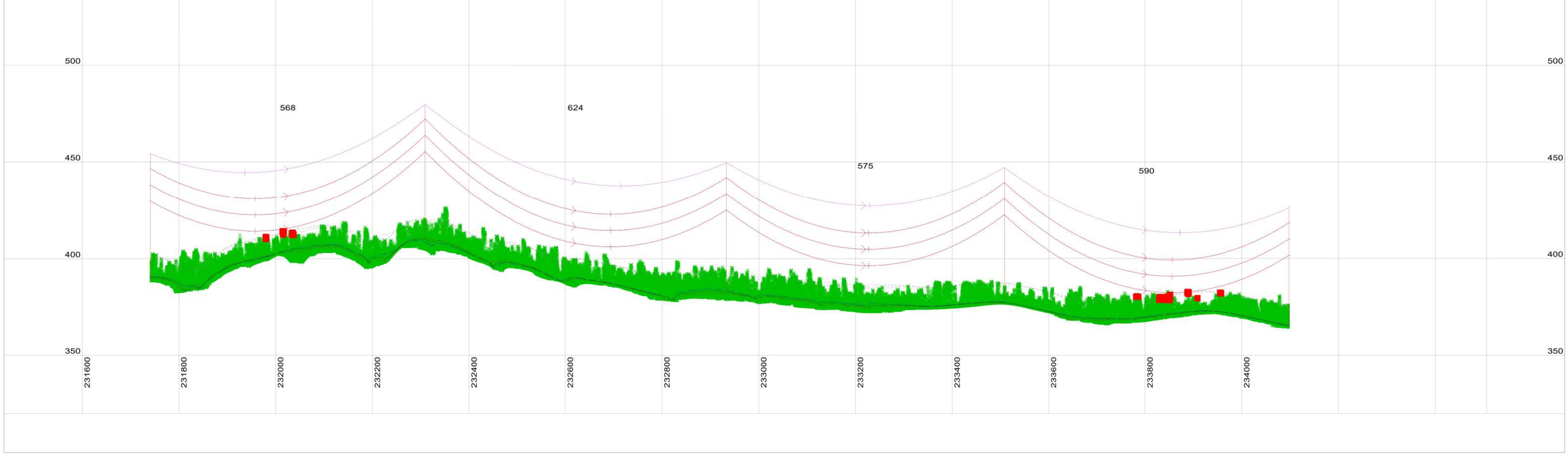
409
AD3S0+12(WR-A)
X=415152.04
Y=7755100.22
HT=63.90 ELE=390.35

410
AD3S0+18(WR-A)
X=415678.56
Y=7755314.09
HT=69.90 ELE=409.93

411
AD3S0+15(WR-A)
+15M EXT REQUIRED TO MEET THE LIMITS OF WEIGHT TO WIND SPAN RATIO AND SWING ANGLE REQUIREMENTS
X=416256.66
Y=7755548.90
HT=66.90 ELE=382.77

412
AD3S0+18(WR-A)
X=416774.74
Y=7755765.19
HT=69.90 ELE=377.26

413
AD3S0+9(WR-A)
X=417335.71
Y=7755987.19
HT=60.90 ELE=365.35



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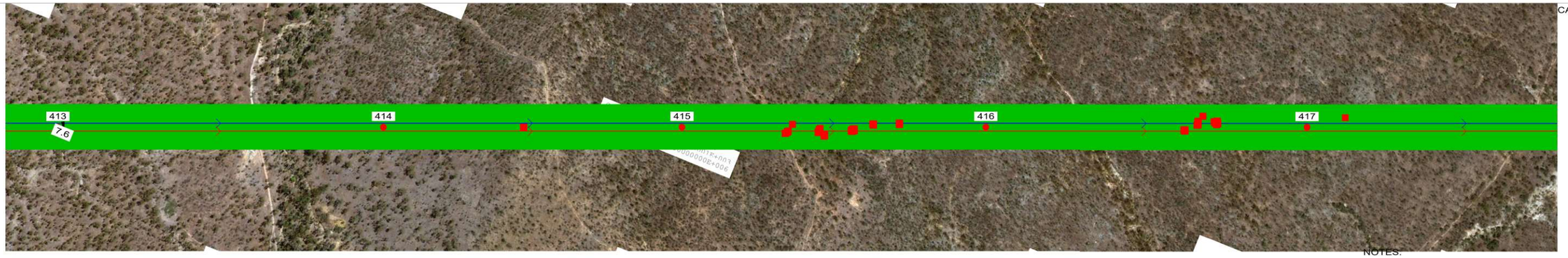
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET97 OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-0097	97	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

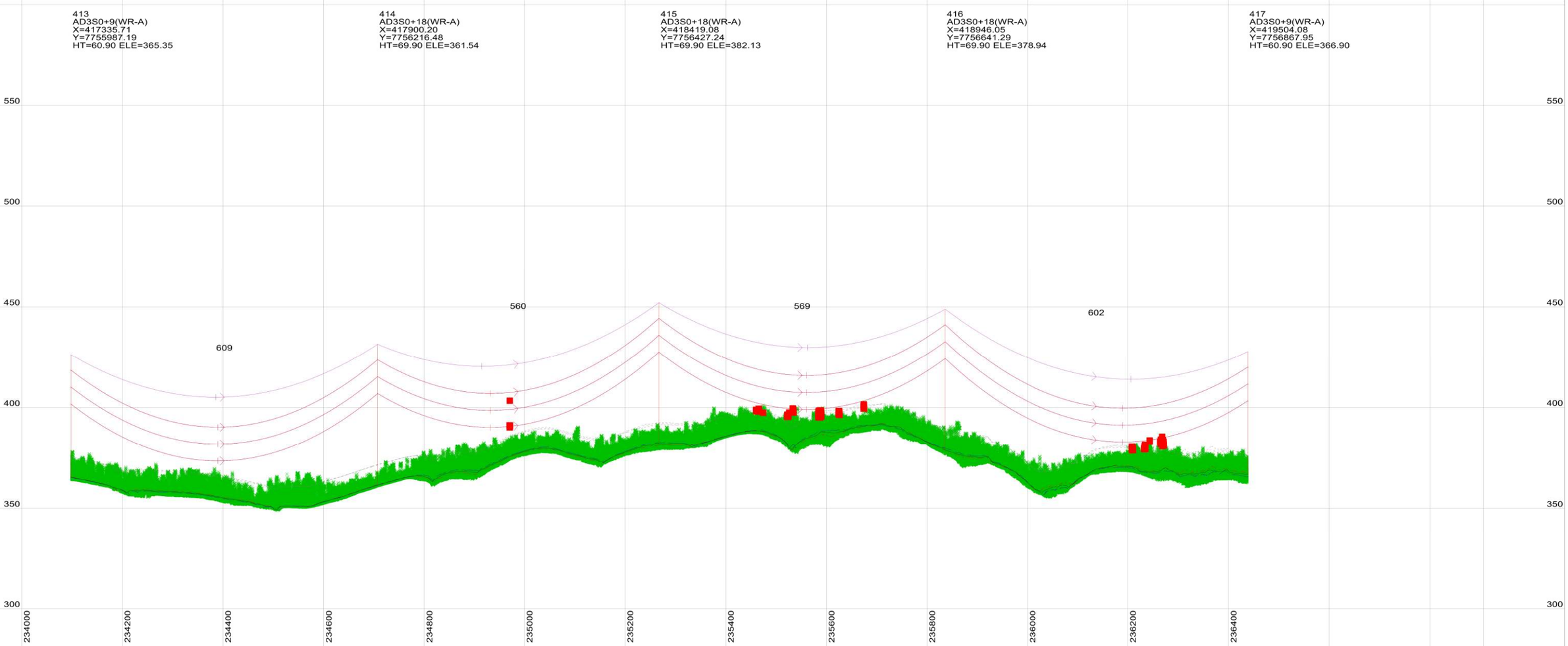
413
AD3S0+9(WR-A)
X=417335.71
Y=7755987.19
HT=60.90 ELE=365.35

414
AD3S0+18(WR-A)
X=417900.20
Y=7756216.48
HT=69.90 ELE=361.54

415
AD3S0+18(WR-A)
X=418419.08
Y=7756427.24
HT=69.90 ELE=382.13

416
AD3S0+18(WR-A)
X=418946.05
Y=7756641.29
HT=69.90 ELE=378.94

417
AD3S0+9(WR-A)
X=419504.08
Y=7756867.95
HT=60.90 ELE=366.90



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET98 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0098 | SHEET 98 | AMDT A

CONFIRM SCALE 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

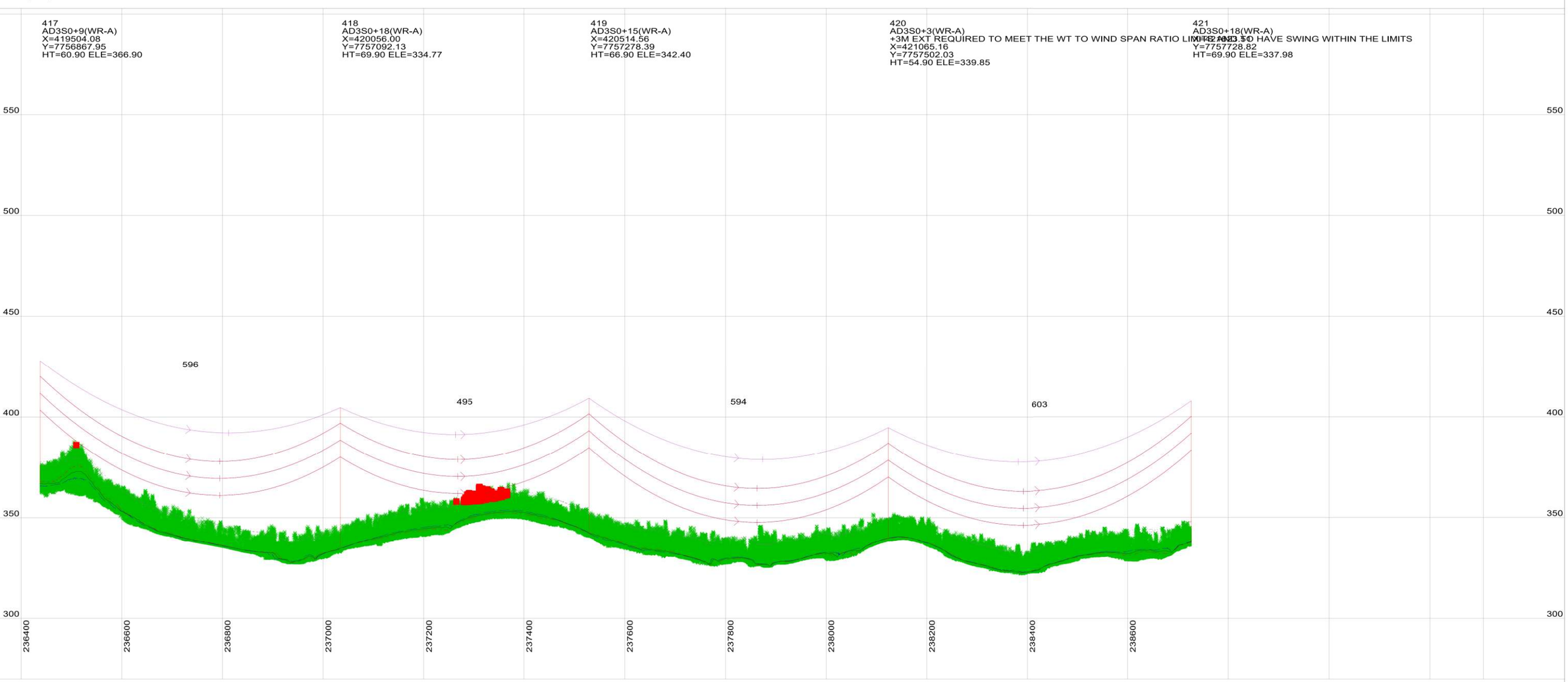
417
AD3S0+9(WR-A)
X=419504.08
Y=7756867.95
HT=60.90 ELE=366.90

418
AD3S0+18(WR-A)
X=420056.00
Y=7757092.13
HT=69.90 ELE=334.77

419
AD3S0+15(WR-A)
X=420514.56
Y=7757278.39
HT=66.90 ELE=342.40

420
AD3S0+3(WR-A)
+3M EXT REQUIRED TO MEET THE WT TO WIND SPAN RATIO LIMIT AND TO HAVE SWING WITHIN THE LIMITS
X=421065.16
Y=7757502.03
HT=54.90 ELE=339.85

421
AD3S0+18(WR-A)
X=421613.50
Y=7757728.82
HT=69.90 ELE=337.98



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET99 OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-0099 | SHEET 99 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



421
AD3S0+18(WR-A)
X=421623.51
Y=7757728.82
HT=69.90 ELE=337.98

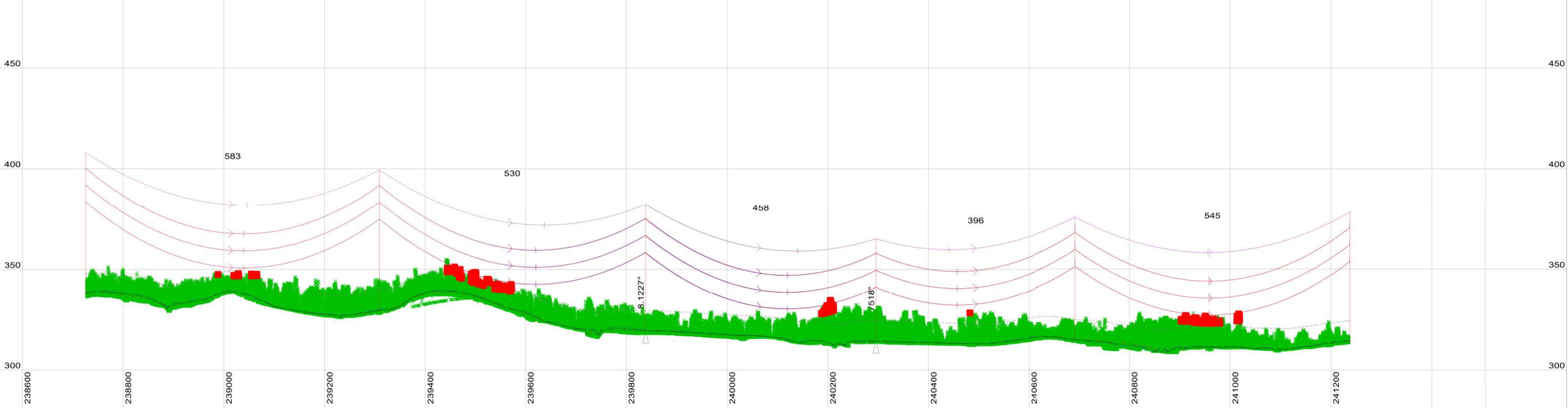
422
AD3S0+18(WR-A)
X=422163.50
Y=7757948.16
HT=69.90 ELE=329.54

423
AD3T20+12(WR-A)
X=422654.11
Y=7758147.44
HT=62.90 ELE=319.35
LINE ANGLE=-8.1227°

424
AD3T20+0 (WR-A)
X=423049.42
Y=7758377.78
HT=50.90 ELE=314.31
LINE ANGLE=-2.7518°

425
AD3S0+9(WR-A)
X=423381.60
Y=7758593.34
HT=60.90 ELE=314.99

426
AD3S0+12(WR-A)
X=423839.14
Y=7758890.25
HT=63.90 ELE=314.37



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET100OF 142

CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-00100 | SHEET 100 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

© CADD DRAWING

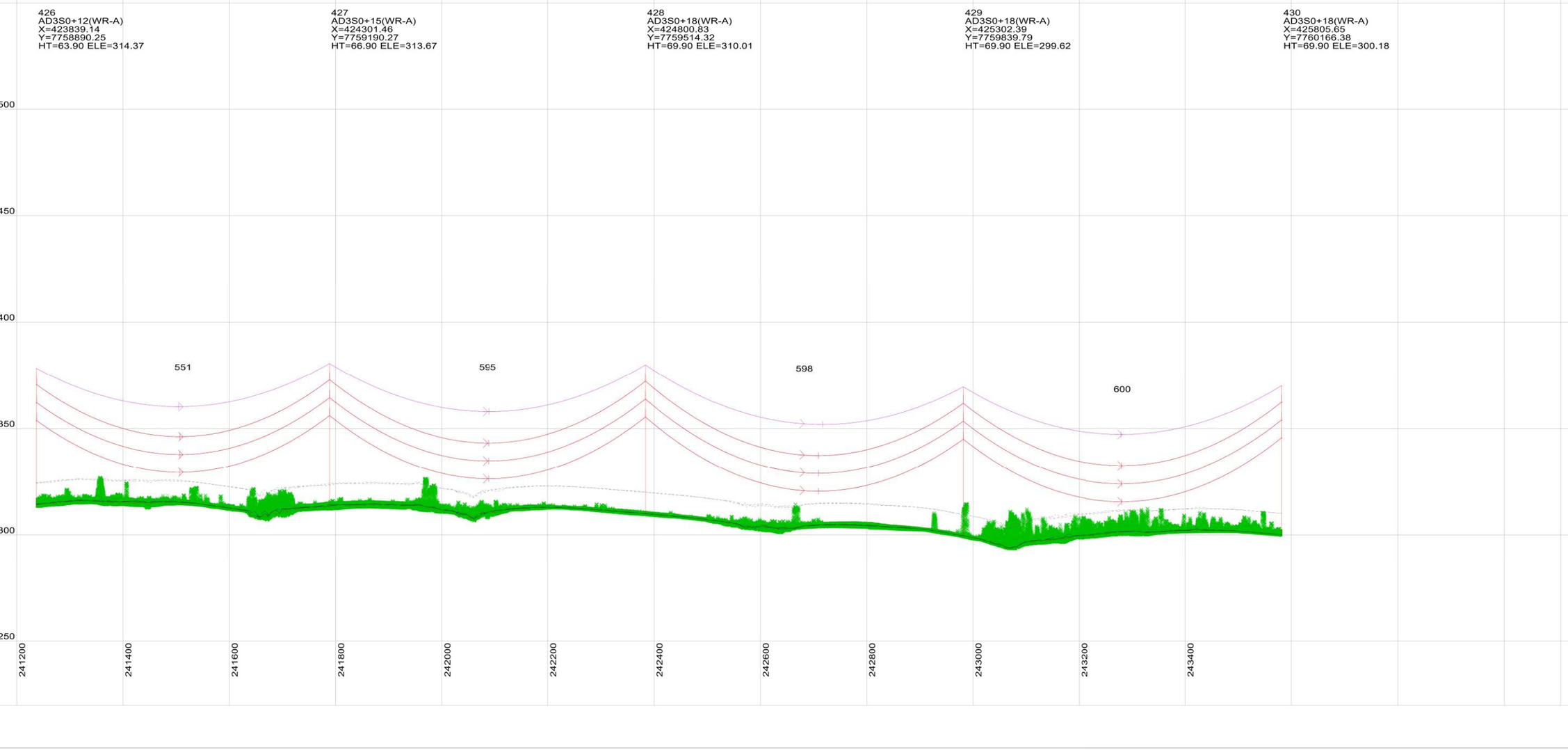
426
AD3S0+12(WR-A)
X=423839.14
Y=7758890.25
HT=63.90 ELE=314.37

427
AD3S0+15(WR-A)
X=424301.46
Y=7759190.27
HT=66.90 ELE=313.67

428
AD3S0+18(WR-A)
X=424800.83
Y=7759514.32
HT=69.90 ELE=310.01

429
AD3S0+18(WR-A)
X=425302.39
Y=7759839.79
HT=69.90 ELE=299.62

430
AD3S0+18(WR-A)
X=425805.65
Y=7760166.38
HT=69.90 ELE=300.18



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A1 | SCALE@A1 AS SHOWN | CLIENT COPPERSTRING | UGL DRAWING NO. 3200-0643-DP6-DRG-00101 | SHEET 101 | AMDT A

CONFIRM SCALE — 100mm ON A1 ORIGINAL

UGL
COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET101OF 142



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

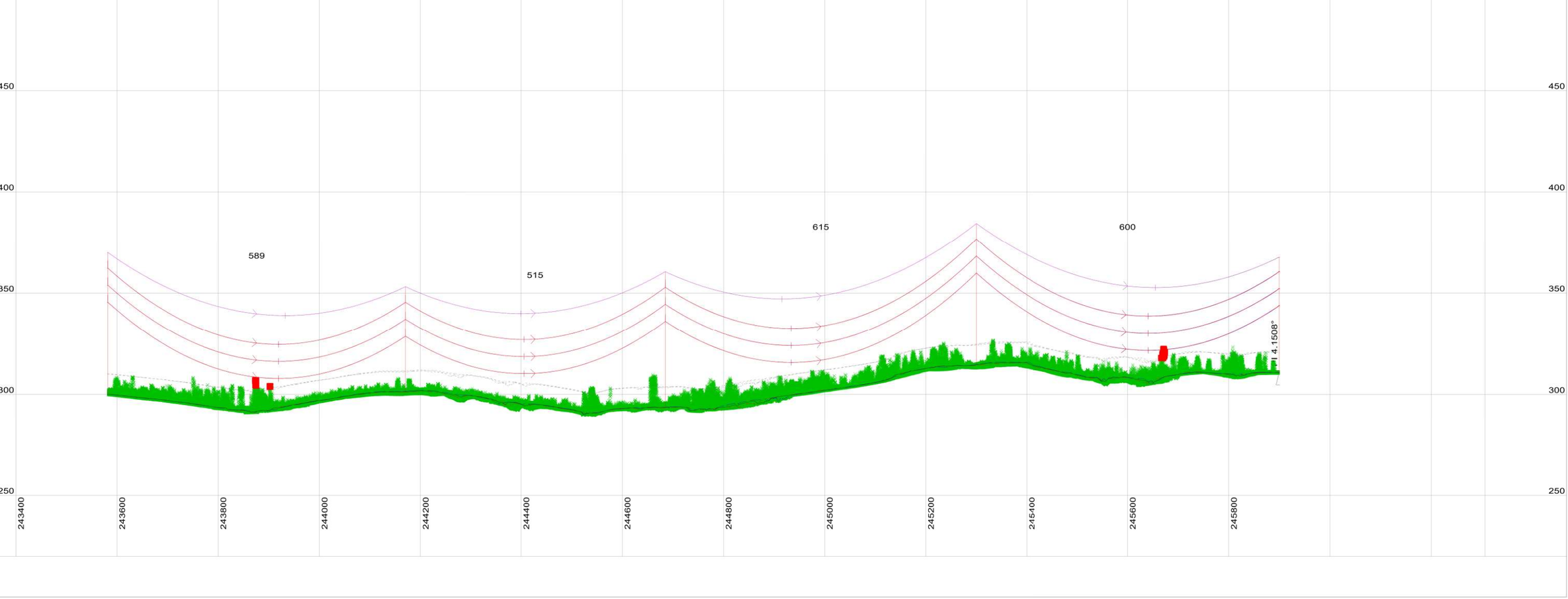
430
AD3S0+18(WR-A)
X=425805.65
Y=7760166.38
HT=69.90 ELE=300.18

431
AD3S0+0(WR-A)
X=426299.49
Y=7760486.84
HT=51.90 ELE=301.29

432
AD3S0+15(WR-A)
X=426731.11
Y=7760766.94
HT=66.90 ELE=293.68

433
D3S2+18(WR-A)
X=427247.16
Y=7761101.82
HT=69.90 ELE=314.52

434
AD3T20+6(WR-A)
X=427750.14
Y=7761428.22
HT=56.90 ELE=310.82
LINE ANGLE=4.1508°



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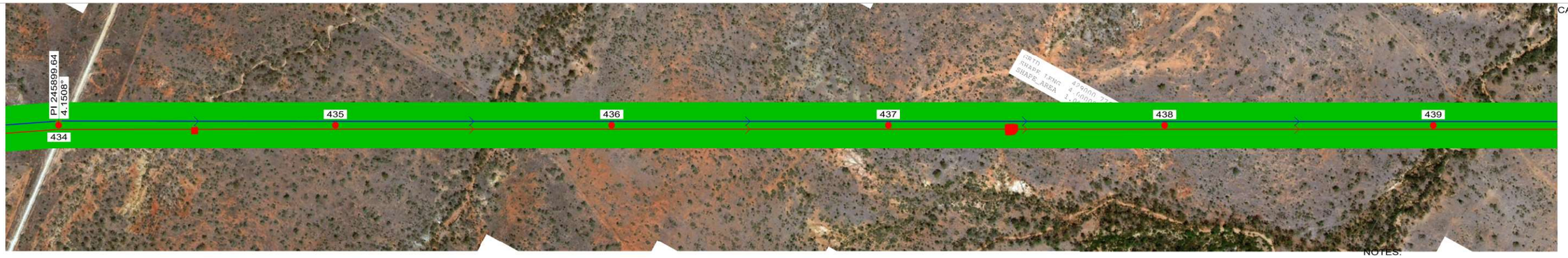
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A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE | 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET102OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-00102	102	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

434
AD3T20+6(WR-A)
X=427750.14
Y=7761428.22
HT=56.90 ELE=310.82
LINE ANGLE=4.1508°

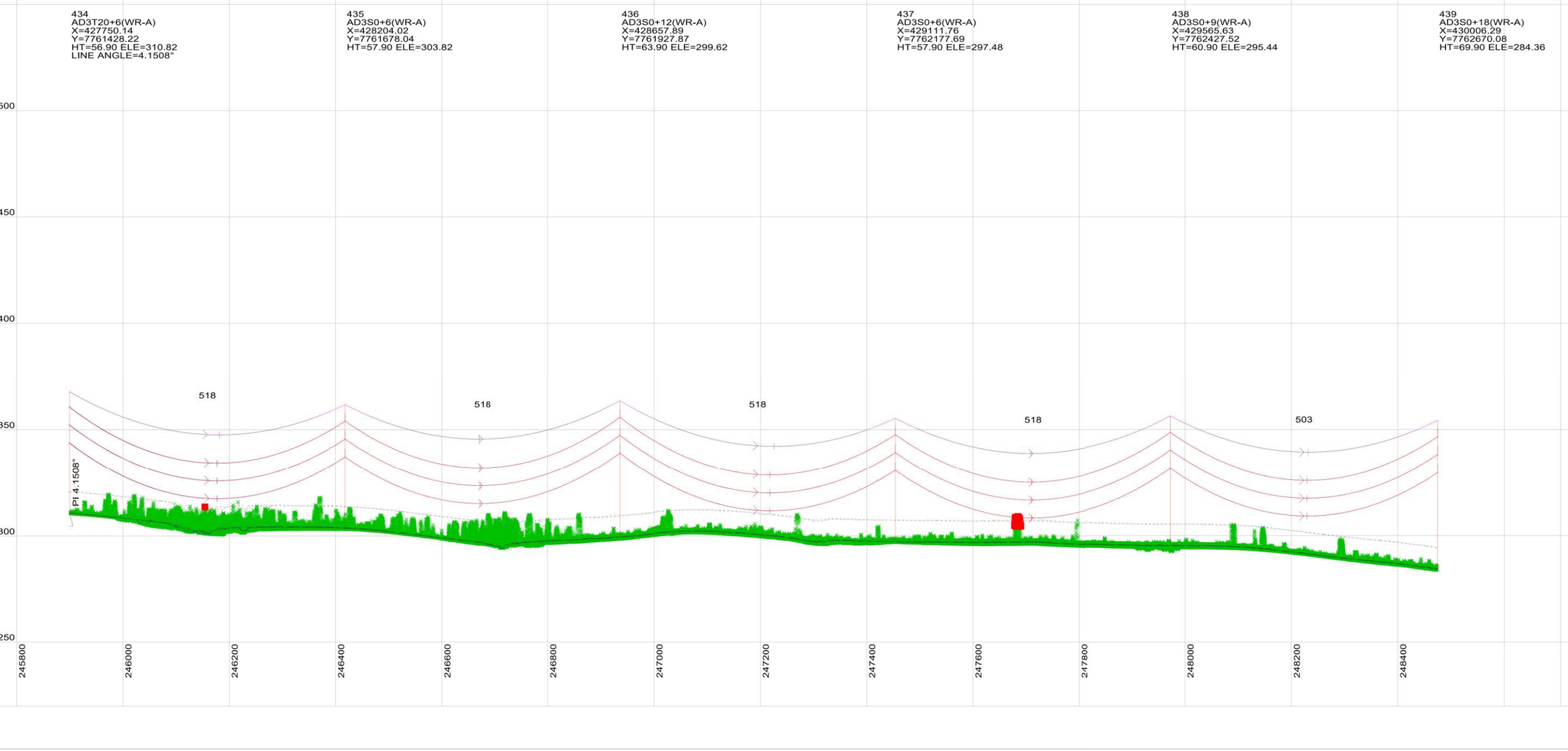
435
AD3S0+6(WR-A)
X=428204.02
Y=7761678.04
HT=57.90 ELE=303.82

436
AD3S0+12(WR-A)
X=428657.89
Y=7761927.87
HT=63.90 ELE=299.62

437
AD3S0+6(WR-A)
X=429111.76
Y=7762177.69
HT=57.90 ELE=297.48

438
AD3S0+9(WR-A)
X=429565.63
Y=7762427.52
HT=60.90 ELE=295.44

439
AD3S0+18(WR-A)
X=430006.29
Y=7762670.08
HT=69.90 ELE=284.36



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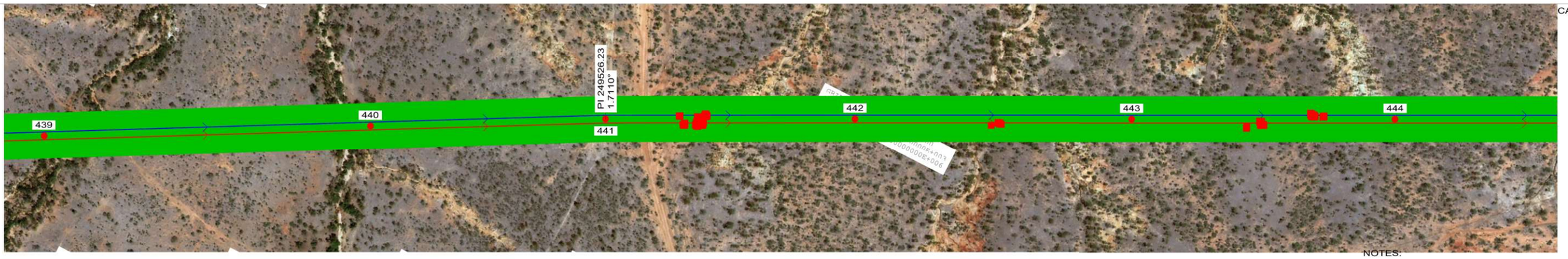
A1 | SCALE@A1 AS SHOWN | CONFIRM SCALE 100mm ON A1 ORIGINAL

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET103OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-00103	103	A

CADD DRAWING



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

439
AD3S0+18(WR-A)
X=430006.29
Y=7762670.08
HT=69.90 ELE=284.36

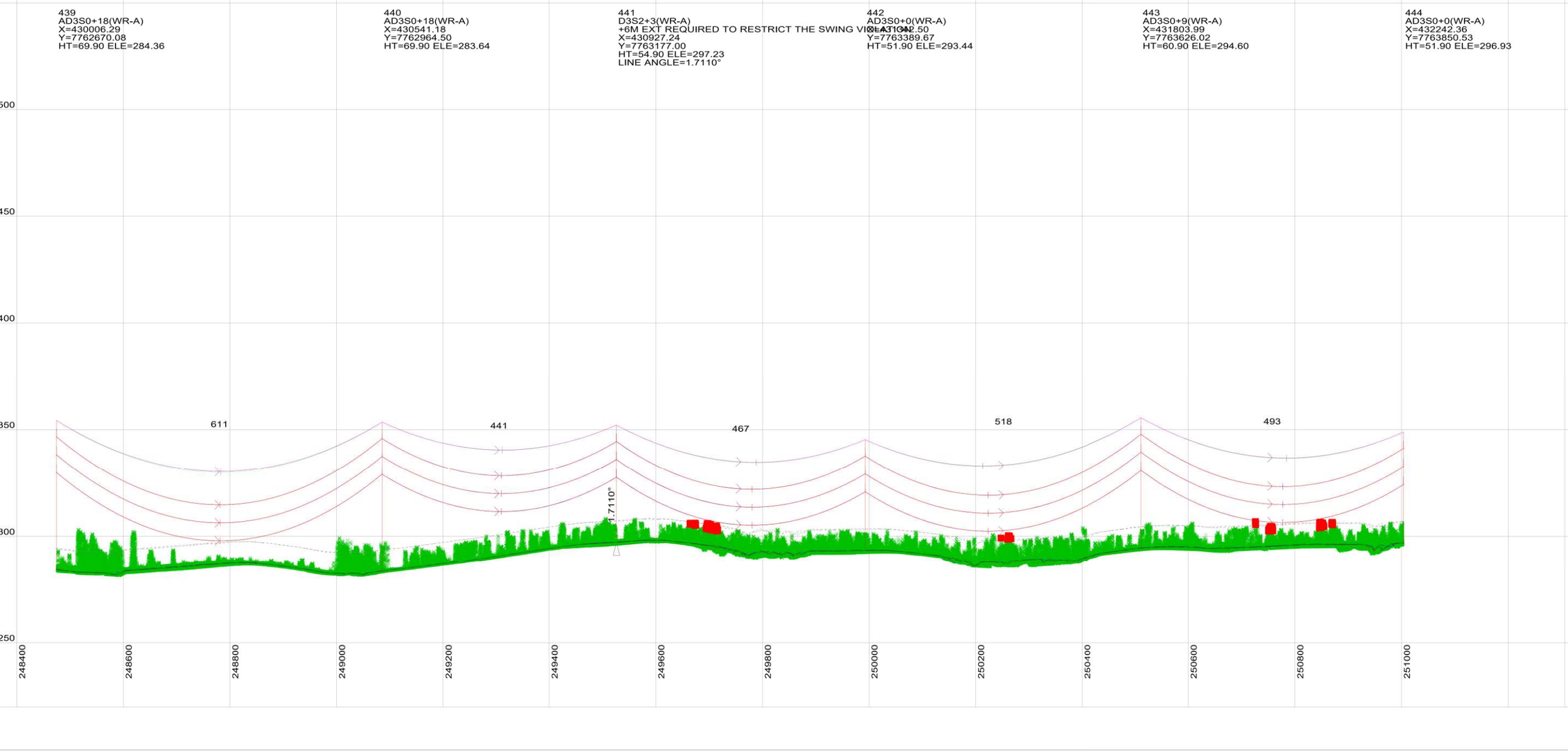
440
AD3S0+18(WR-A)
X=430541.18
Y=7762964.50
HT=69.90 ELE=283.64

441
D3S2+3(WR-A)
+6M EXT REQUIRED TO RESTRICT THE SWING VIEW AT 104
X=430927.24
Y=7763177.00
HT=54.90 ELE=297.23
LINE ANGLE=1.7110°

442
AD3S0+0(WR-A)
X=431342.50
Y=7763389.67
HT=51.90 ELE=293.44

443
AD3S0+9(WR-A)
X=431803.99
Y=7763626.02
HT=60.90 ELE=294.60

444
AD3S0+0(WR-A)
X=432242.36
Y=7763850.53
HT=51.90 ELE=296.93



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A1 | SCALE@A1 AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET104OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-00104	104	A

CONFIRM SCALE — 100mm ON A1 ORIGINAL



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

444
AD3S0+0(WR-A)
X=432242.36
Y=7763850.53
HT=51.90 ELE=296.93

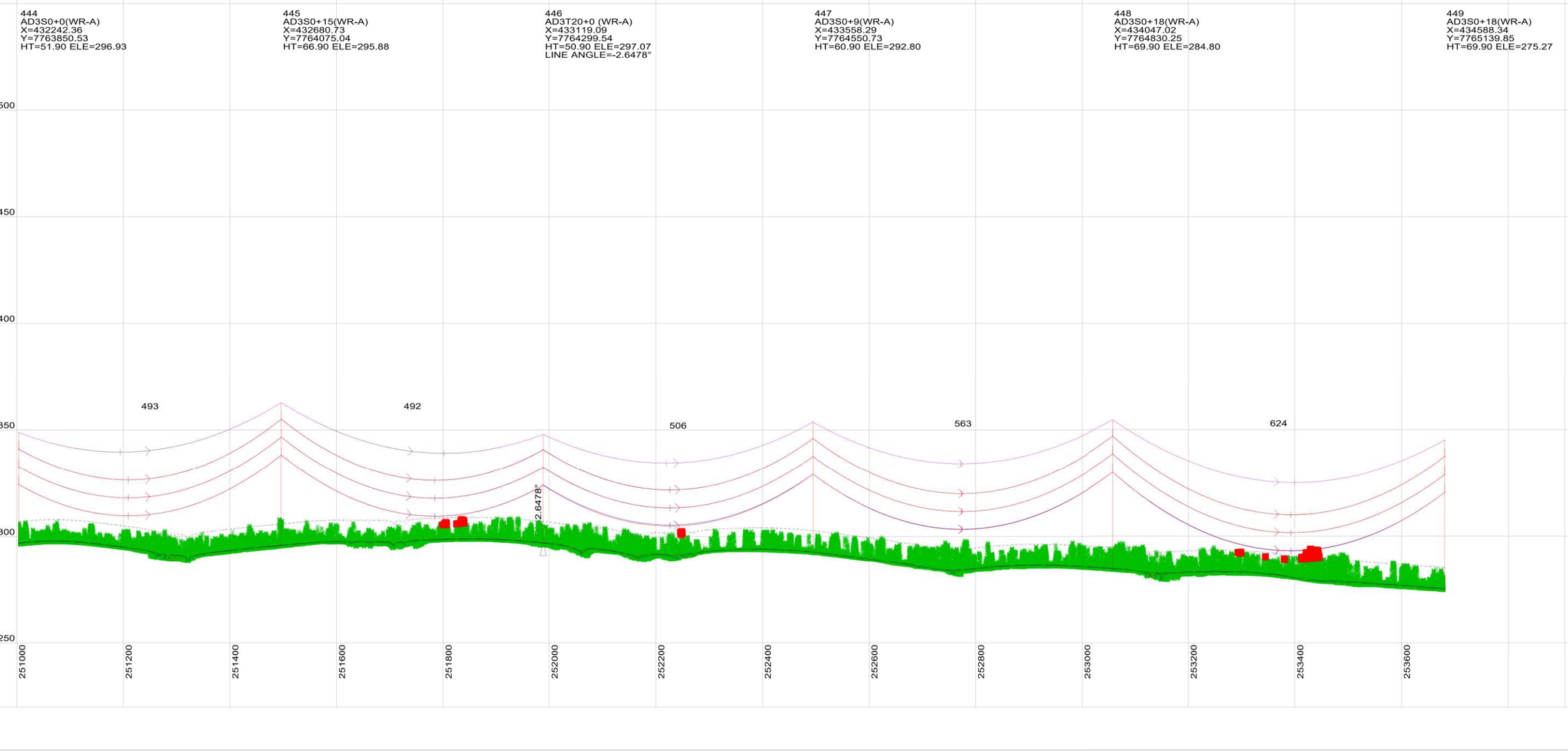
445
AD3S0+15(WR-A)
X=432680.73
Y=7764075.04
HT=66.90 ELE=295.88

446
AD3T20+0 (WR-A)
X=433119.09
Y=7764299.54
HT=50.90 ELE=297.07
LINE ANGLE=-2.6478°

447
AD3S0+9(WR-A)
X=433558.29
Y=7764550.73
HT=60.90 ELE=292.80

448
AD3S0+18(WR-A)
X=434047.02
Y=7764830.25
HT=69.90 ELE=284.80

449
AD3S0+18(WR-A)
X=434588.34
Y=7765139.85
HT=69.90 ELE=275.27



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET105OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-00105	105	A



NOTES:

1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

VEGETATION INTRUSION

VEGETATION

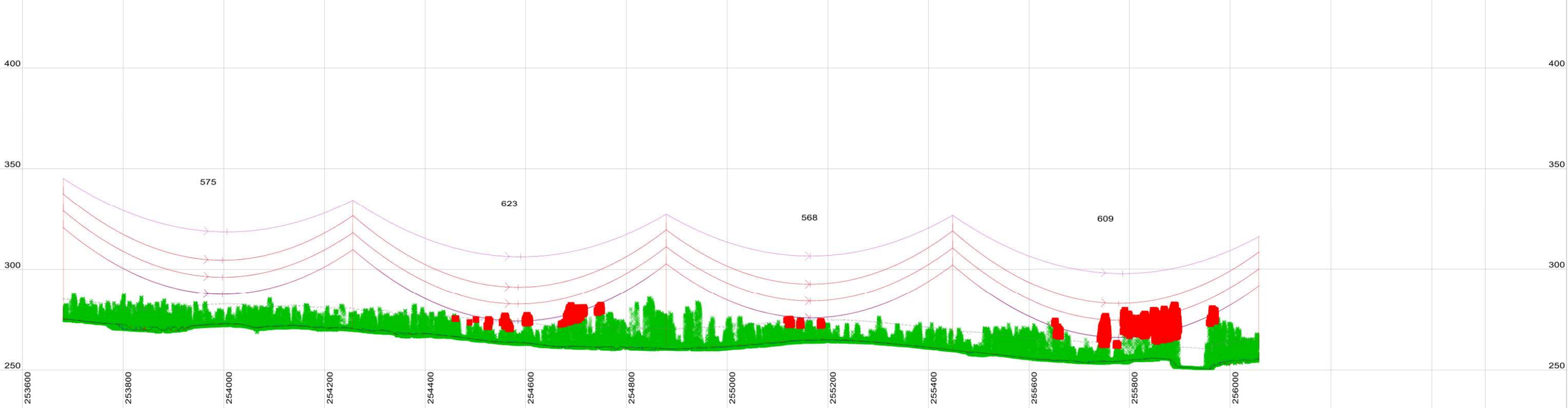
449
AD3S0+18(WR-A)
X=434588.34
Y=7765139.85
HT=69.90 ELE=275.27

450
AD3S0+12(WR-A)
X=435087.40
Y=7765425.28
HT=63.90 ELE=270.45

451
AD3S0+15(WR-A)
X=435628.34
Y=7765734.66
HT=66.90 ELE=260.42

452
AD3S0+15(WR-A)
X=436121.74
Y=7766016.85
HT=66.90 ELE=259.85

453
AD3S0+9(WR-A)
X=436650.39
Y=7766319.20
HT=60.90 ELE=255.27



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

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET106OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-00106	106	A



40.0 M HORIZ. SCALE

10.0 M VERT. SCALE

NORTH

NOTES:
1. PHASE CONDUCTOR AT 90°C
2. OPGW AT 20°C
3. GROUND CLEARANCE AT 9M

VEGETATION INTRUSION

VEGETATION

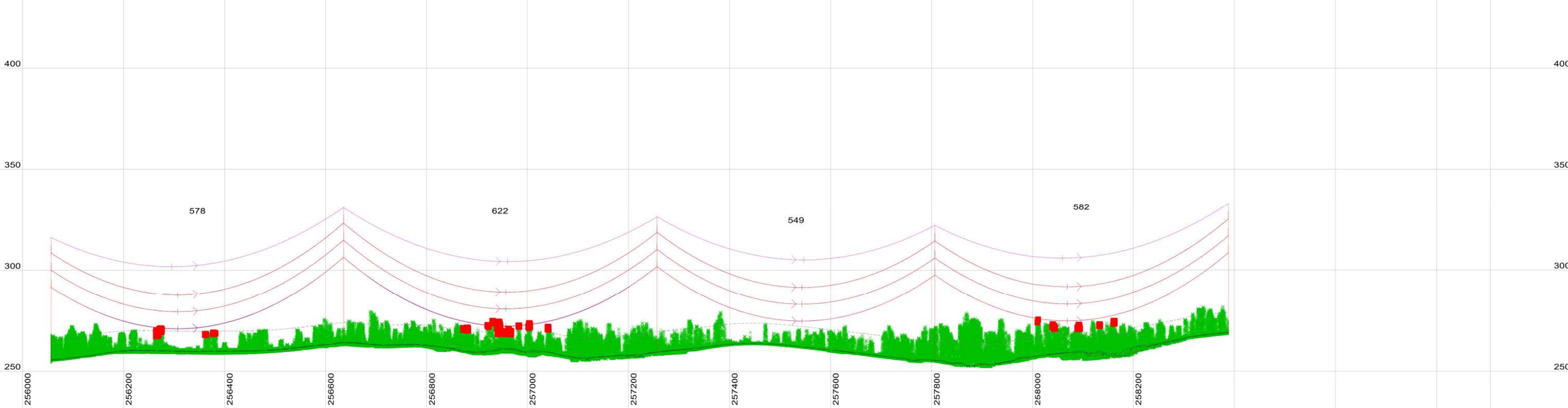
453
AD3S0+9(WR-A)
X=436650.39
Y=7766319.20
HT=60.90 ELE=255.27

454
AD3S0+15(WR-A)
X=437152.52
Y=7766606.39
HT=66.90 ELE=264.10

455
AD3S0+15(WR-A)
X=437692.07
Y=7766914.98
HT=66.90 ELE=259.50

456
AD3S0+15(WR-A)
X=438169.01
Y=7767187.76
HT=66.90 ELE=255.29

457
AD3S0+12(WR-A)
X=438674.00
Y=7767476.58
HT=63.90 ELE=269.13



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A1

SCALE@A1
AS SHOWN

UGL

COPPERSTRING 2.0
WOODSTOCK TO FLINDERS
330KV D/C TRANSMISSION LINE
PLAN AND PROFILE
SHEET107OF 142

CLIENT	UGL DRAWING NO.	SHEET	AMDT
COPPERSTRING	3200-0643-DP6-DRG-00107	107	A

CONFIRM SCALE — 100mm ON A1 ORIGINAL