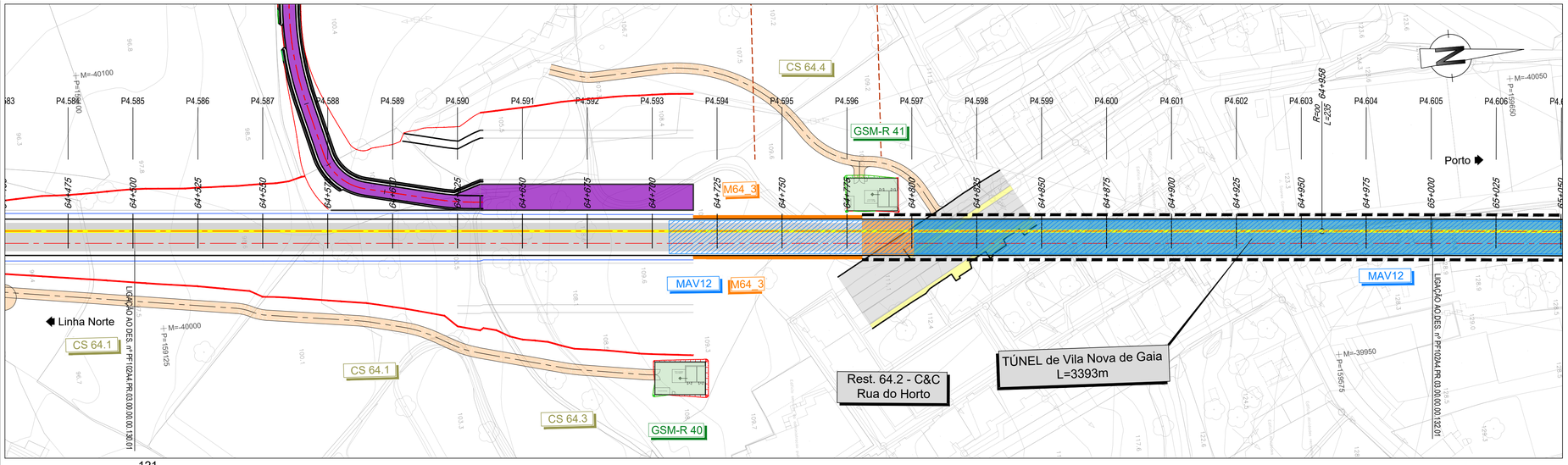
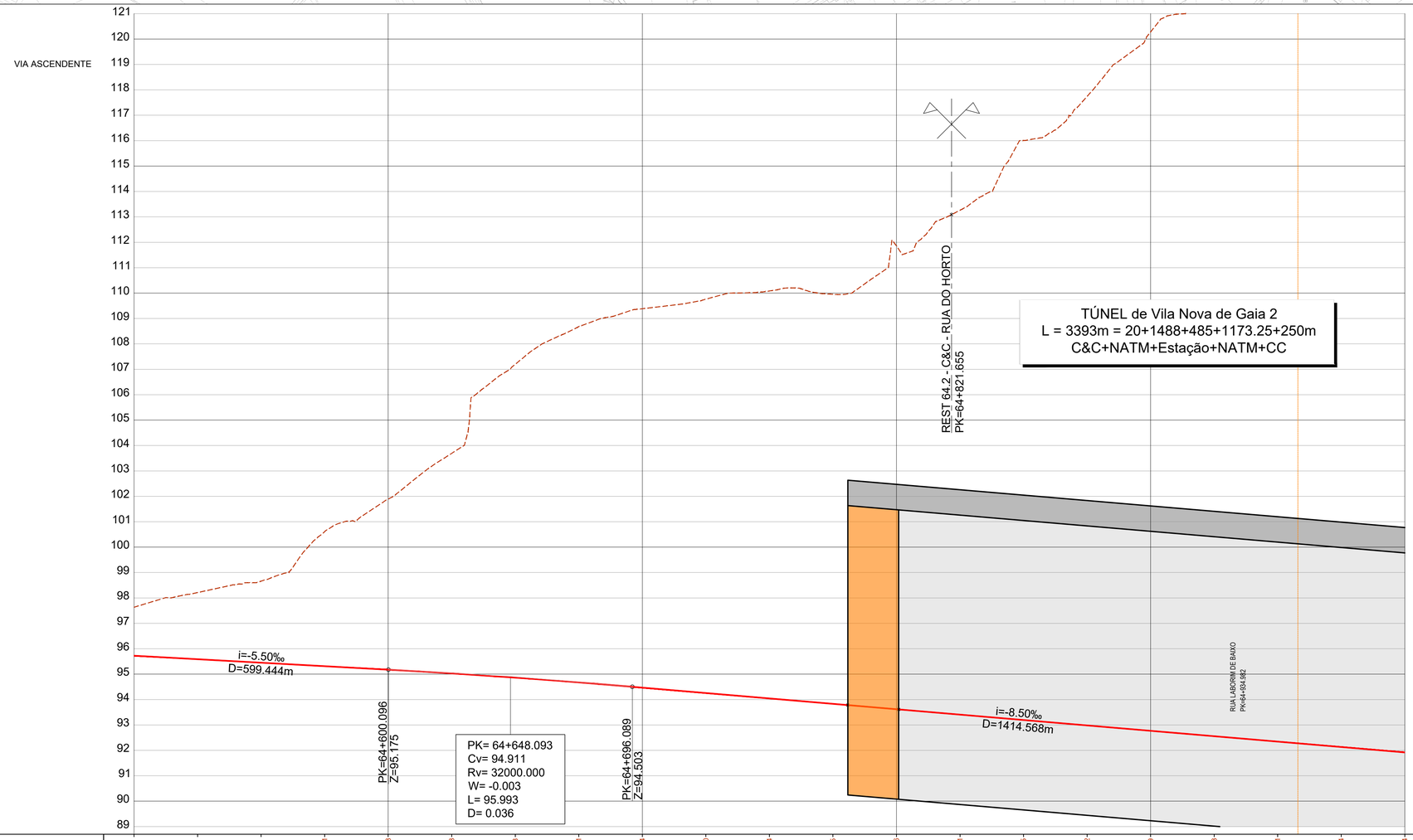

CS 64.4
GSM-R 41
M64_3
MAV12
M64_3
MAV12
Porto
Linha Norte
CS 64.1
CS 64.1
CS 64.3
GSM-R 40
Rest. 64.2 - C&C
Rua do Horto
TÚNEL de Vila Nova de Gaia
L=3393m
LIGAÇÃO AO DES. nº PF102A4.PR.03.00.00.130.01
LIGAÇÃO AO DES. nº PF102A4.PR.03.00.00.132.01


VIA ASCENDENTE
TÚNEL de Vila Nova de Gaia 2
L = 3393m = 20+1488+485+1173.25+250m
C&C+NATM+Estação+NATM+CC
REST 64.2 - C&C - RUA DO HORTO
PK=64+821.655
i=-5.50‰
D=599.444m
PK=64+600.096
Z=95.175
PK= 64+648.093
Cv= 94.911
Rv= 32000.000
W= -0.003
L= 95.993
D= 0.036
PK=64+696.089
Z=94.503
i=-8.50‰
D=1414.568m
RUA LABORIM DE BAIXO
PK=64+934.982

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