



24043500004972



**ECOPLAN**  
ENGENHARIA

**2.4 PROJETO DE PAVIMENTAÇÃO**

VOLUME 2 – PROJETO DE EXECUÇÃO  
LOTE 1

ELABORAÇÃO DO PROJETO FINAL DE ENGENHARIA  
DE PAVIMENTAÇÃO ASFÁLTICA DA RODOVIA ERS-  
265 - ENTR. ERS-702 (CANCELÃO) - ENTR. BRS-  
392(A) (P/ SANTANA DA BOA VISTA)

178

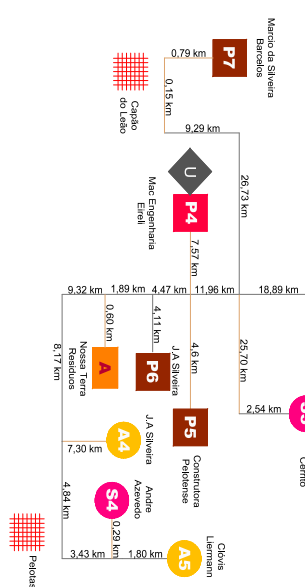






**Legenda:**

-  Cidades Baixas
-  Via Pavimentada
-  Via Não Pavimentada
-  Pedestre Indicada
-  Pedestre Disponível
-  Pedestre Não Comercial
-  Distribuidora de C...
-  Areal Indicado
-  Areal Disponível
-  Aterro Controlado
-  Usina de CBQJ
-  Jazida/Entreposto

180







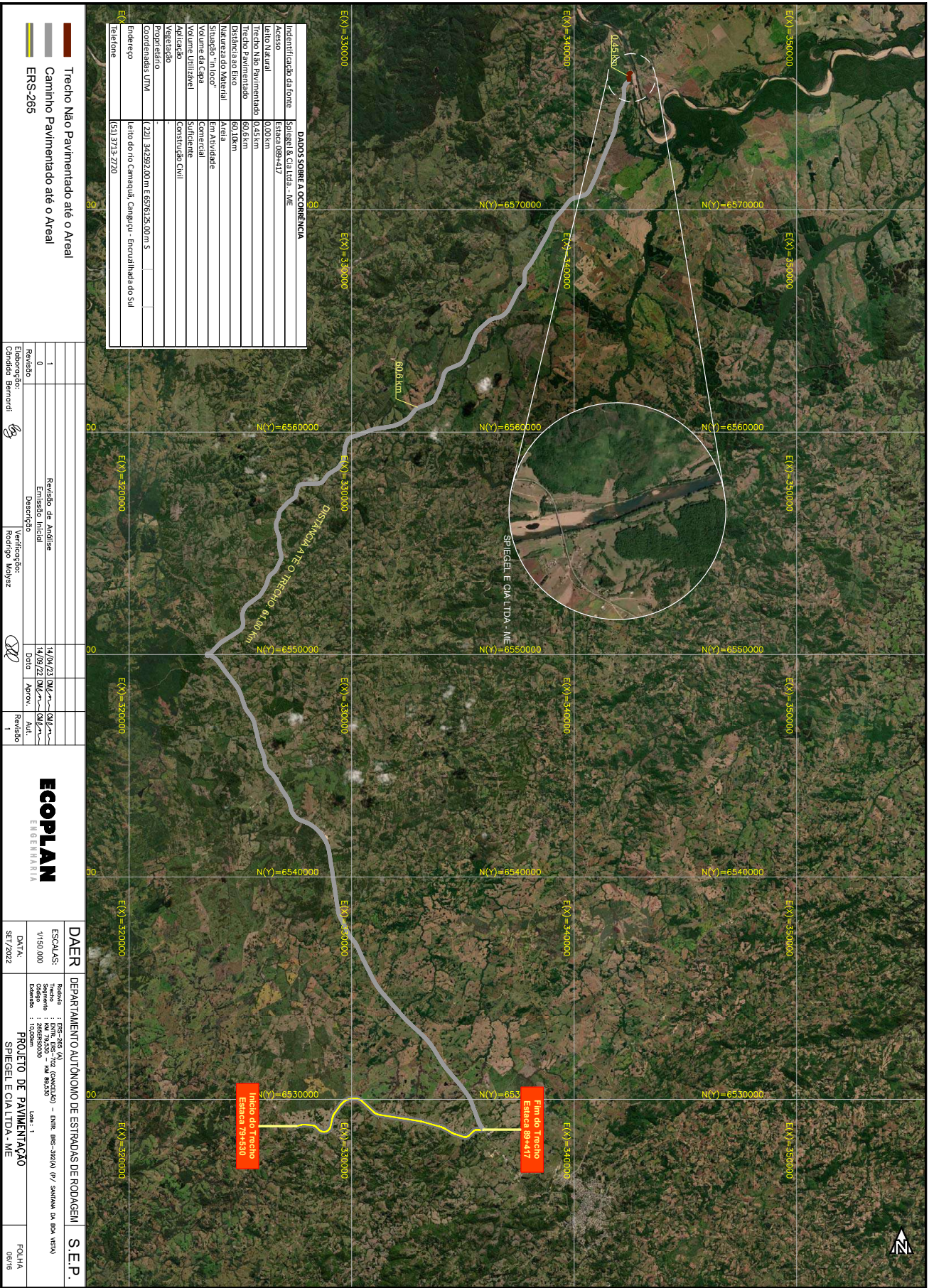








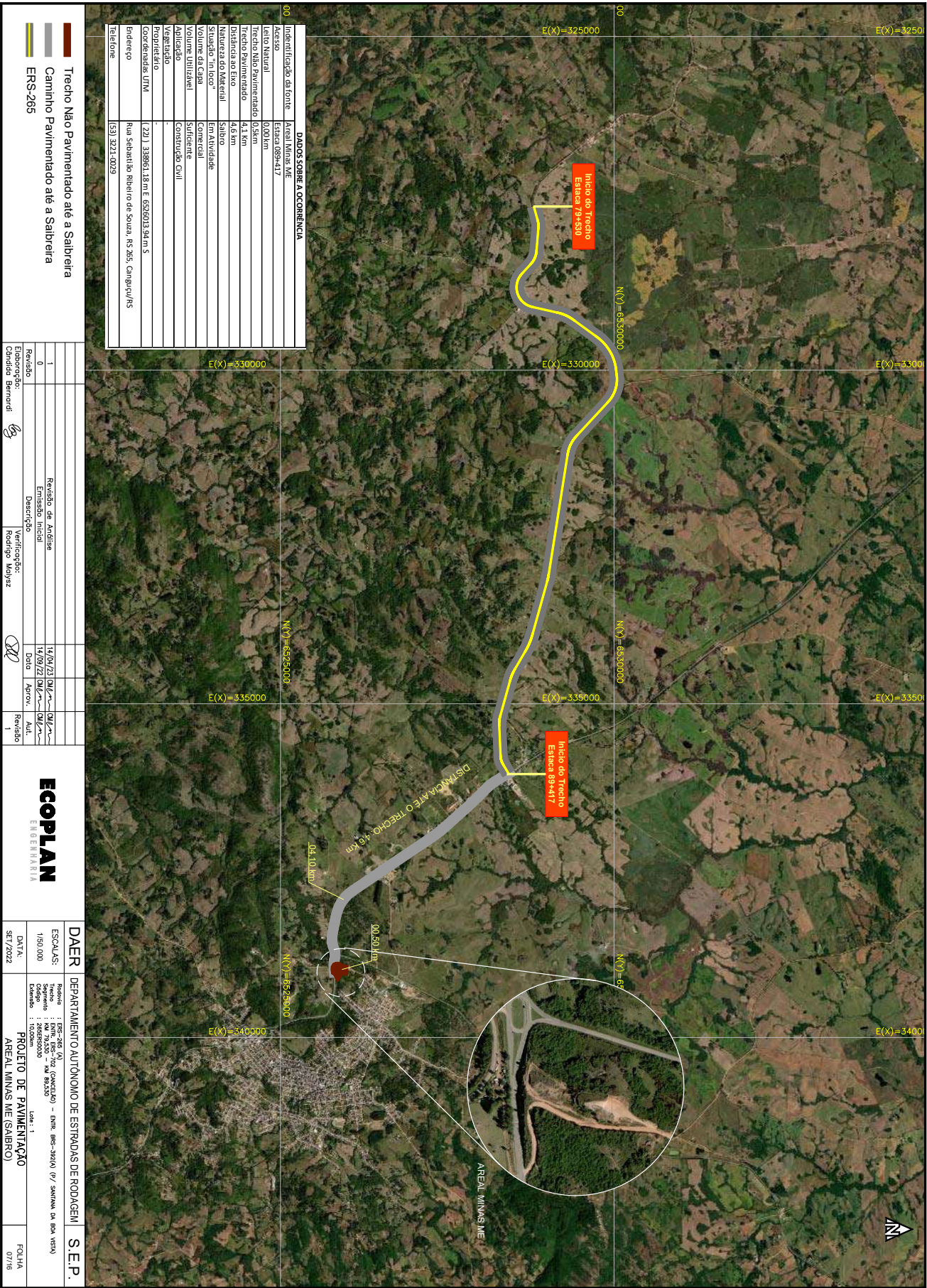
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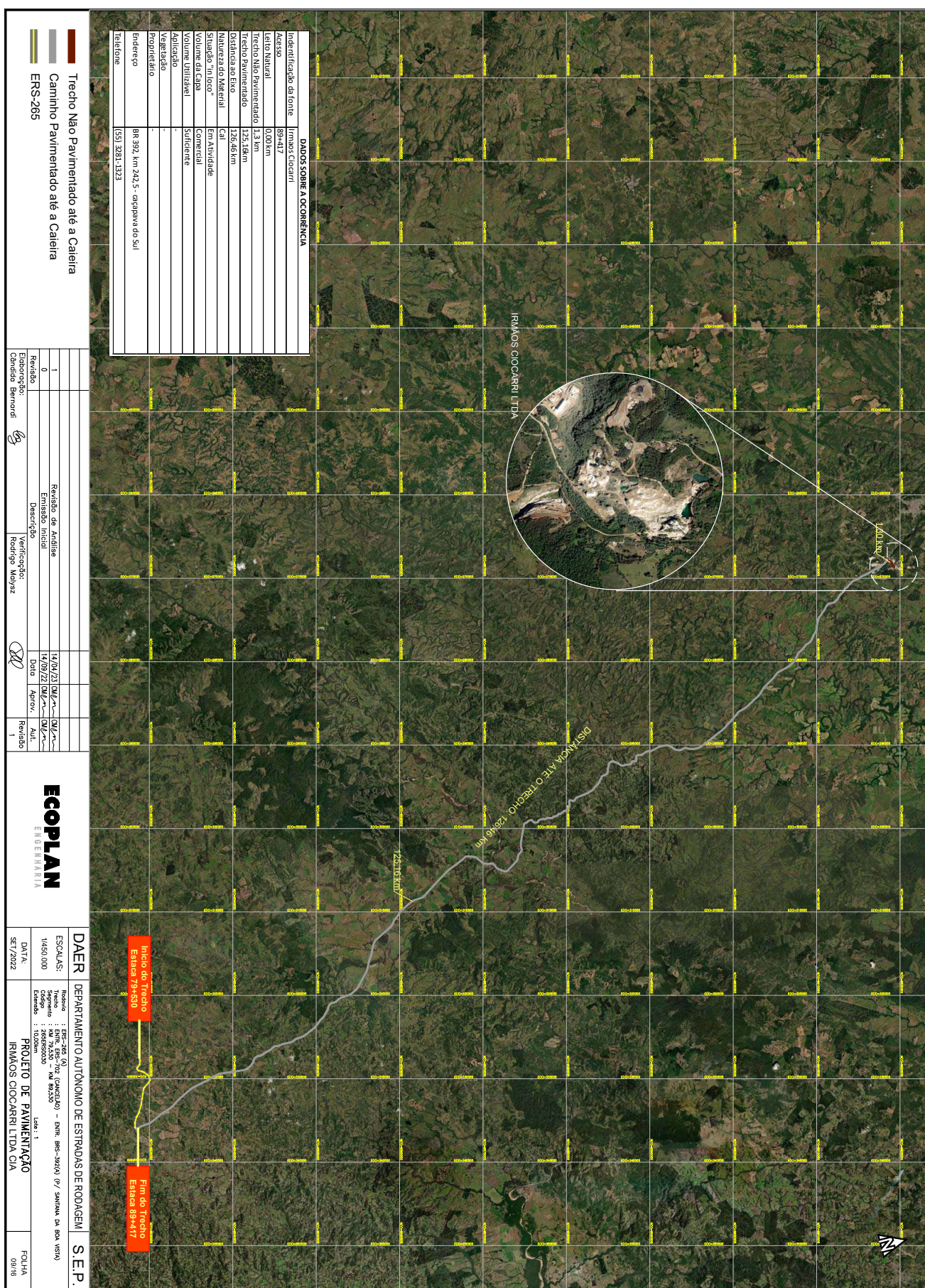
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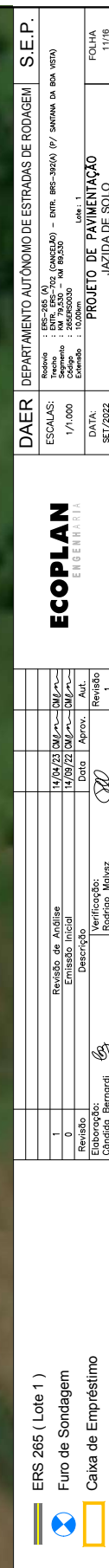
ERS - 265  
Área do canteiro  
Área do canteiro fora da faixa de domínio: 15.503,00 m²

|                              |         |                 |          |      |
|------------------------------|---------|-----------------|----------|------|
| 2                            | Revisão | Revisão 02      | 14/08/23 | DAER |
| 1                            | Revisão | Revisão 01      | 14/08/23 | DAER |
| 0                            | Revisão | Revisão Inicial | 14/08/23 | DAER |
| Emissão: 14/08/23            |         |                 |          |      |
| Descrição: Verificação       |         |                 |          |      |
| Elaboração: Candeia Bernardi |         |                 |          |      |
| Verificação: Rodrigo Malyez  |         |                 |          |      |
| Revisão: 2                   |         |                 |          |      |

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|                         |                                              |                         |
|-------------------------|----------------------------------------------|-------------------------|
| DAER                    | DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM | S.E.P.                  |
| ESCALAS:                | Revisão: 1/1.000                             | Revisão: 1/1.000        |
| DATA:                   | 14/08/23                                     | 14/08/23                |
| PROJETO DE PAVIMENTAÇÃO | PROJETO DE PAVIMENTAÇÃO                      | PROJETO DE PAVIMENTAÇÃO |
| CANTEIRO DE OBRAS       | CANTEIRO DE OBRAS                            | CANTEIRO DE OBRAS       |
| FOLHA                   | 10/16                                        | 10/16                   |

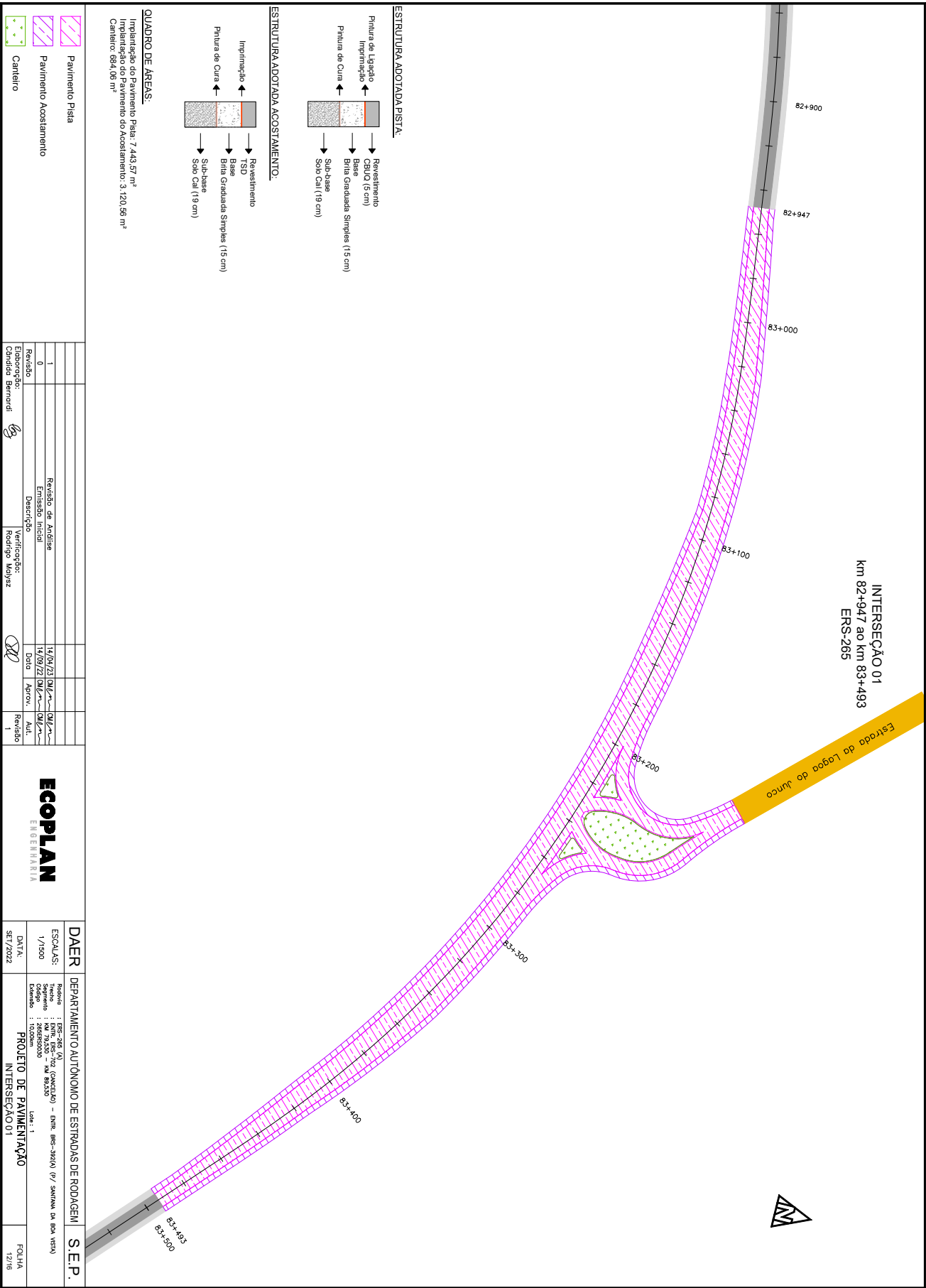








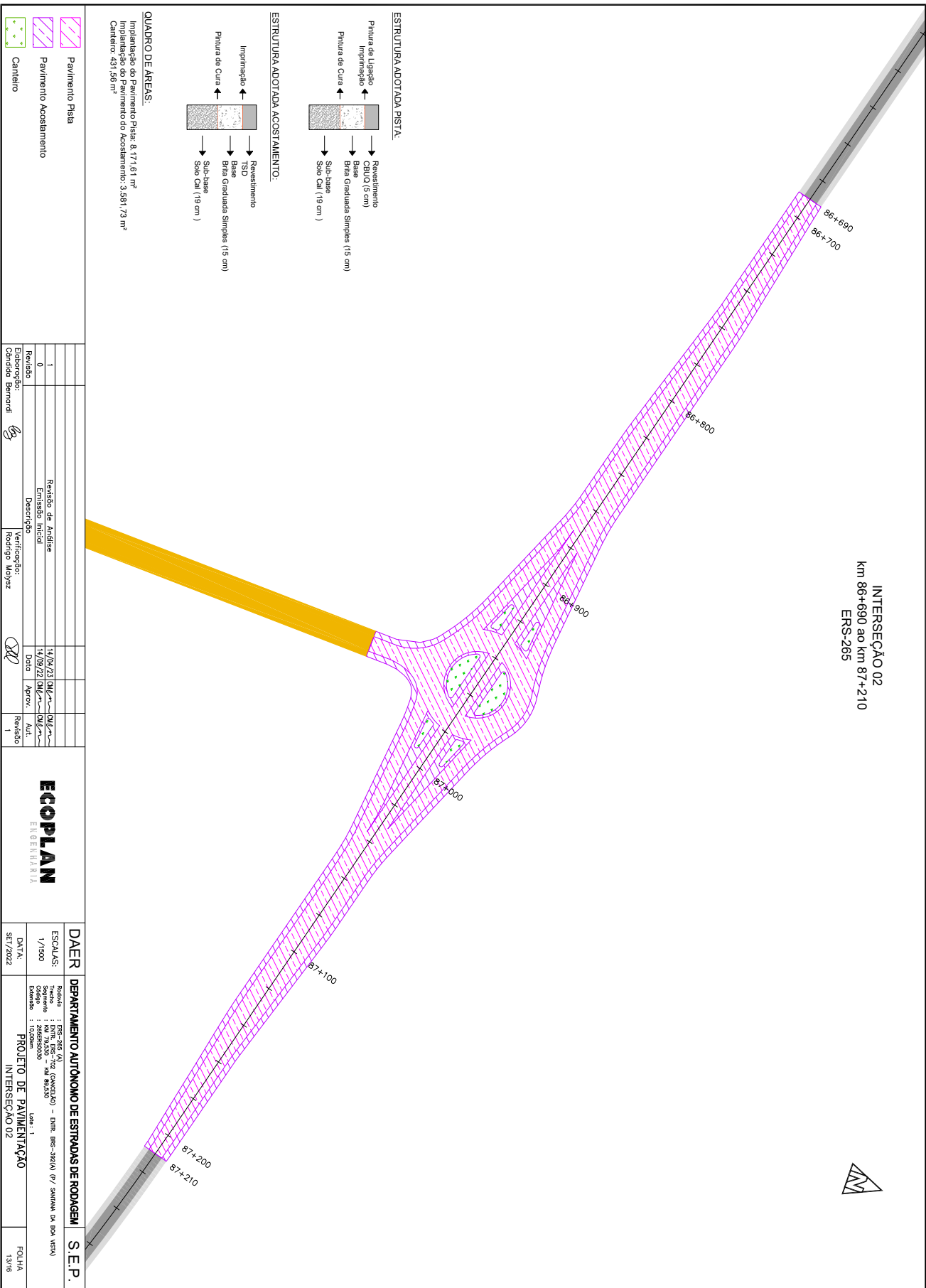
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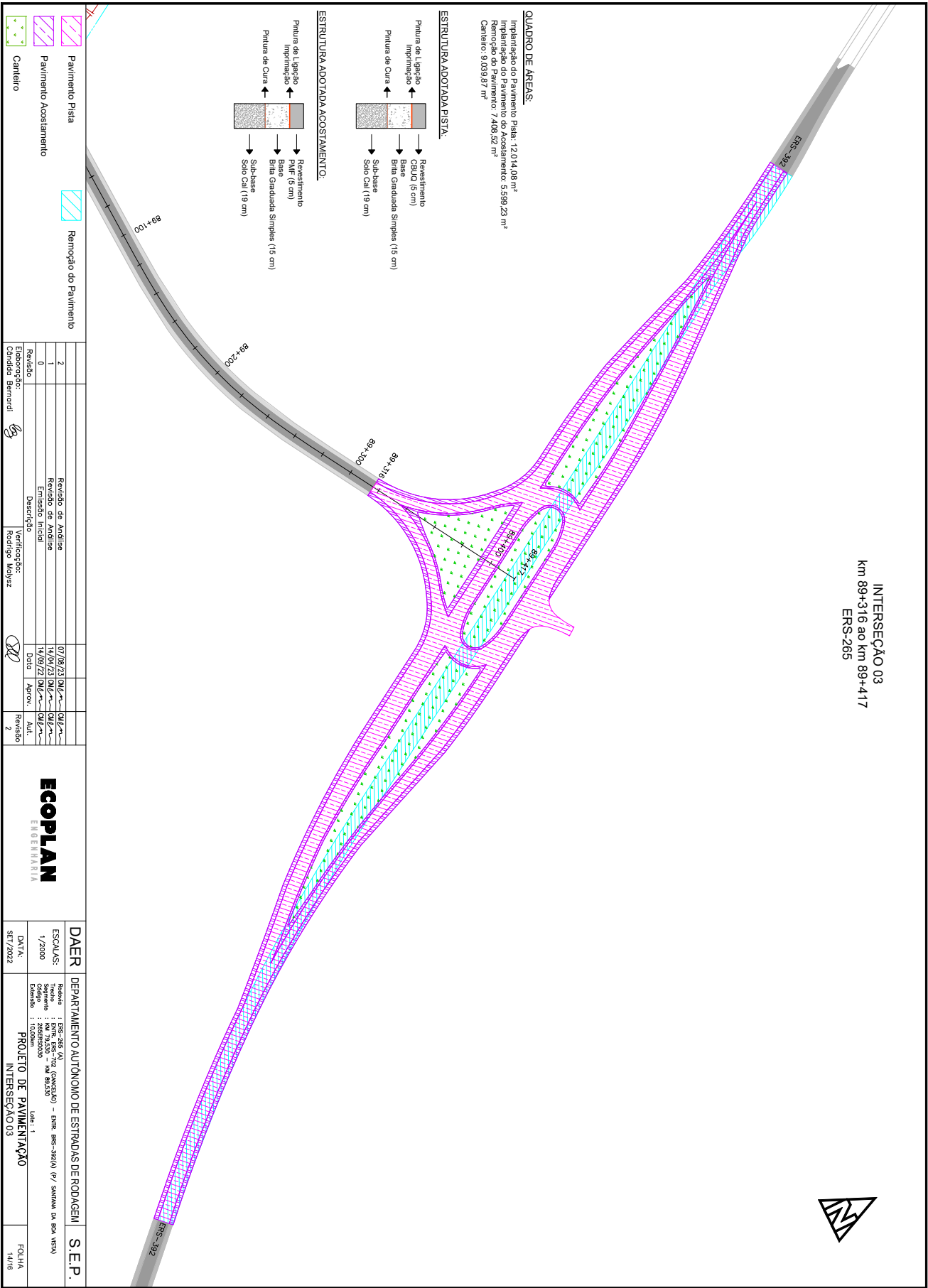
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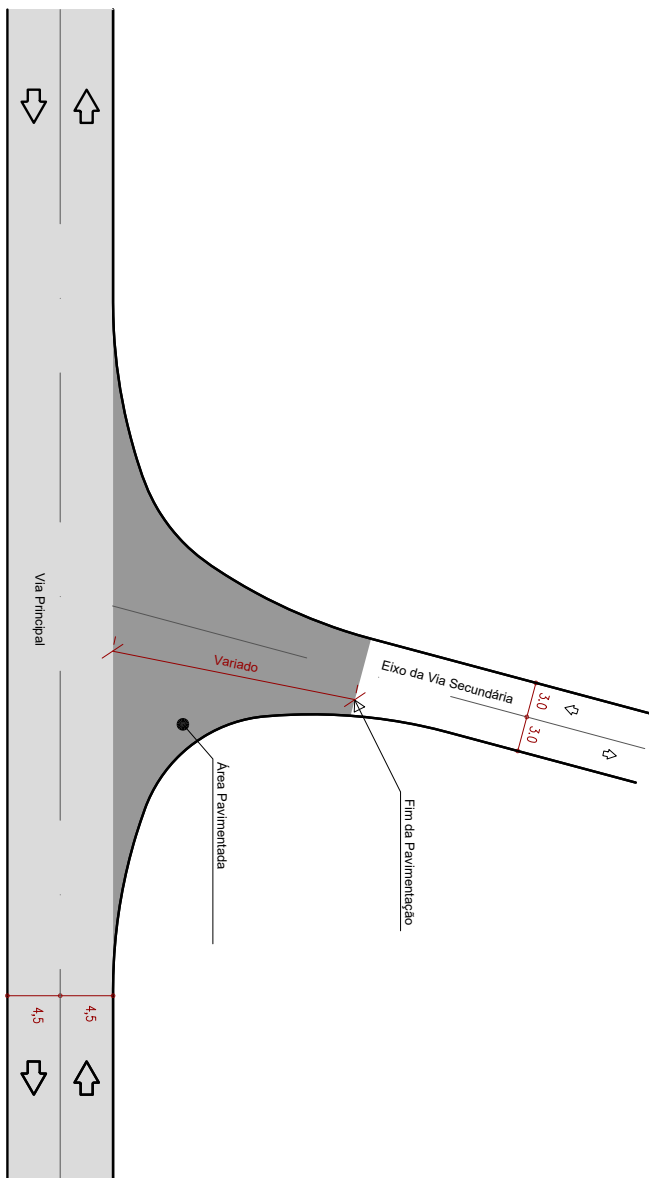




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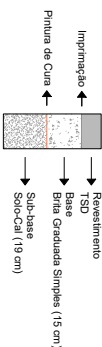


ACESSOS TIPO  
ERS-265



| Nº | Acessos |           | Solução |
|----|---------|-----------|---------|
|    | Km      | Área (m²) |         |
| 1  | 79-970  | 80-030    | LC      |
| 2  | 81-460  | 82-150    | LD      |
| 3  | 82-420  | 82-470    | LD      |
| 4  | 84-510  | 84-560    | LD      |
| 5  | 86-290  | 86-330    | LD      |
| 6  | 88-080  | 88-120    | LD      |
| 7  | 88-450  | 88-510    | LD      |

## ESTRUTURA ADOTADA

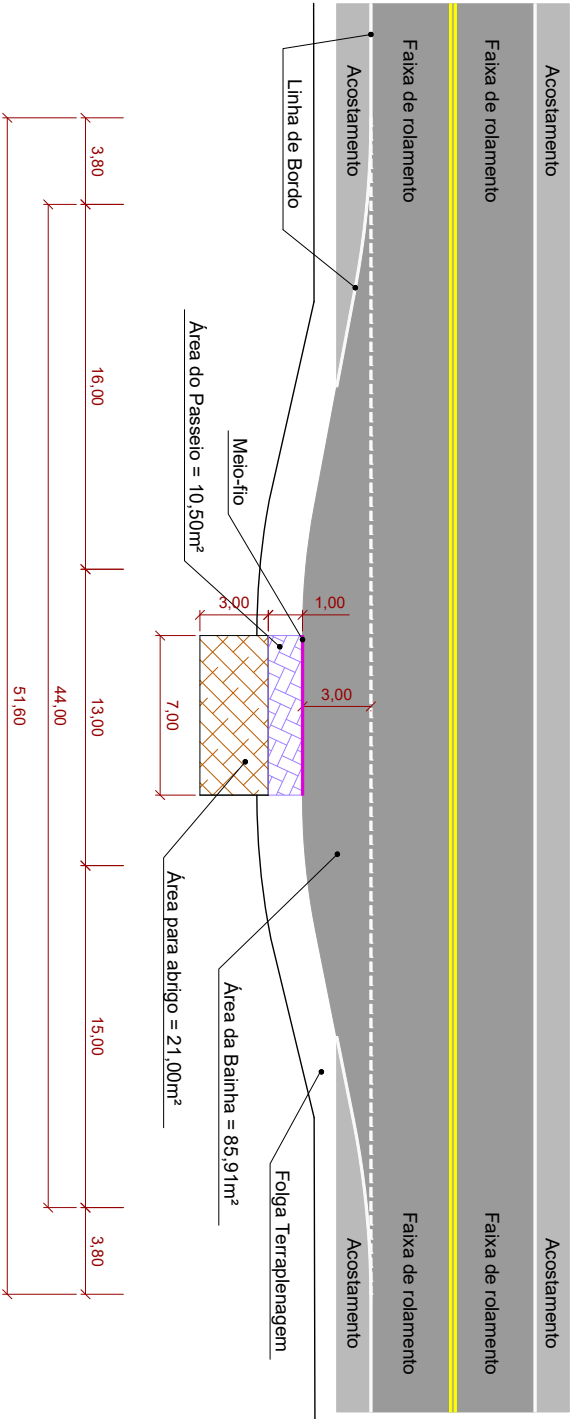
[illegible]



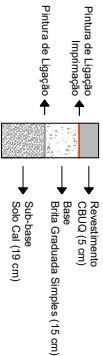


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PARADAS DE ÔNIBUS  
ERS-265



ESTRUTURA ADOPTADA:



|                        |   |                    |          |    |   |
|------------------------|---|--------------------|----------|----|---|
| CBUQ                   | 2 | Revisão de Análise | 07/08/23 | DM | 2 |
| Brita Graduada Simples | 1 | Revisão de Análise | 14/08/23 | DM | 2 |
| Solo-Calil             | 0 | Revisão de Análise | 14/08/23 | DM | 2 |
| Revisão                |   |                    |          |    |   |
| Emissão inicial        |   |                    |          |    |   |
| Descrição              |   |                    |          |    |   |
| Verificação            |   |                    |          |    |   |
| Candido Bernardi       |   |                    |          |    |   |
| Rodrigo Matyaz         |   |                    |          |    |   |
| Revisão                |   |                    |          |    |   |
| 2                      |   |                    |          |    |   |

**ECOPLAN**  
ENGENHARIA

|             |                                                                                                                                                                                                     |        |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| DAER        | DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM                                                                                                                                                        | S.E.P. |
| ESCALAS:    | 1:500 (1:500) - 1:1000 (1:1000) - 1:2000 (1:2000) - 1:3000 (1:3000) - 1:4000 (1:4000) - 1:5000 (1:5000) - 1:6000 (1:6000) - 1:7000 (1:7000) - 1:8000 (1:8000) - 1:9000 (1:9000) - 1:10000 (1:10000) |        |
| ESQUEMATICO | 1:500 (1:500) - 1:1000 (1:1000) - 1:2000 (1:2000) - 1:3000 (1:3000) - 1:4000 (1:4000) - 1:5000 (1:5000) - 1:6000 (1:6000) - 1:7000 (1:7000) - 1:8000 (1:8000) - 1:9000 (1:9000) - 1:10000 (1:10000) |        |
| DATA:       | PROJETO DE PAVIMENTAÇÃO                                                                                                                                                                             | FOLHA  |
| SF1/2022    | PARADAS DE ÔNIBUS                                                                                                                                                                                   | 16/16  |



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**ECOPLAN**  
ENGENHARIA

## 2.5 PROJETO DE INTERSEÇÕES

VOLUME 2 – PROJETO DE EXECUÇÃO  
LOTE 1

ELABORAÇÃO DO PROJETO FINAL DE ENGENHARIA  
DE PAVIMENTAÇÃO ASFÁLTICA DA RODOVIA ERS-  
265 - ENTR. ERS-702 (CANCELÃO) - ENTR. ERS-  
392(A) (P/ SANTANA DA BOA VISTA)

195

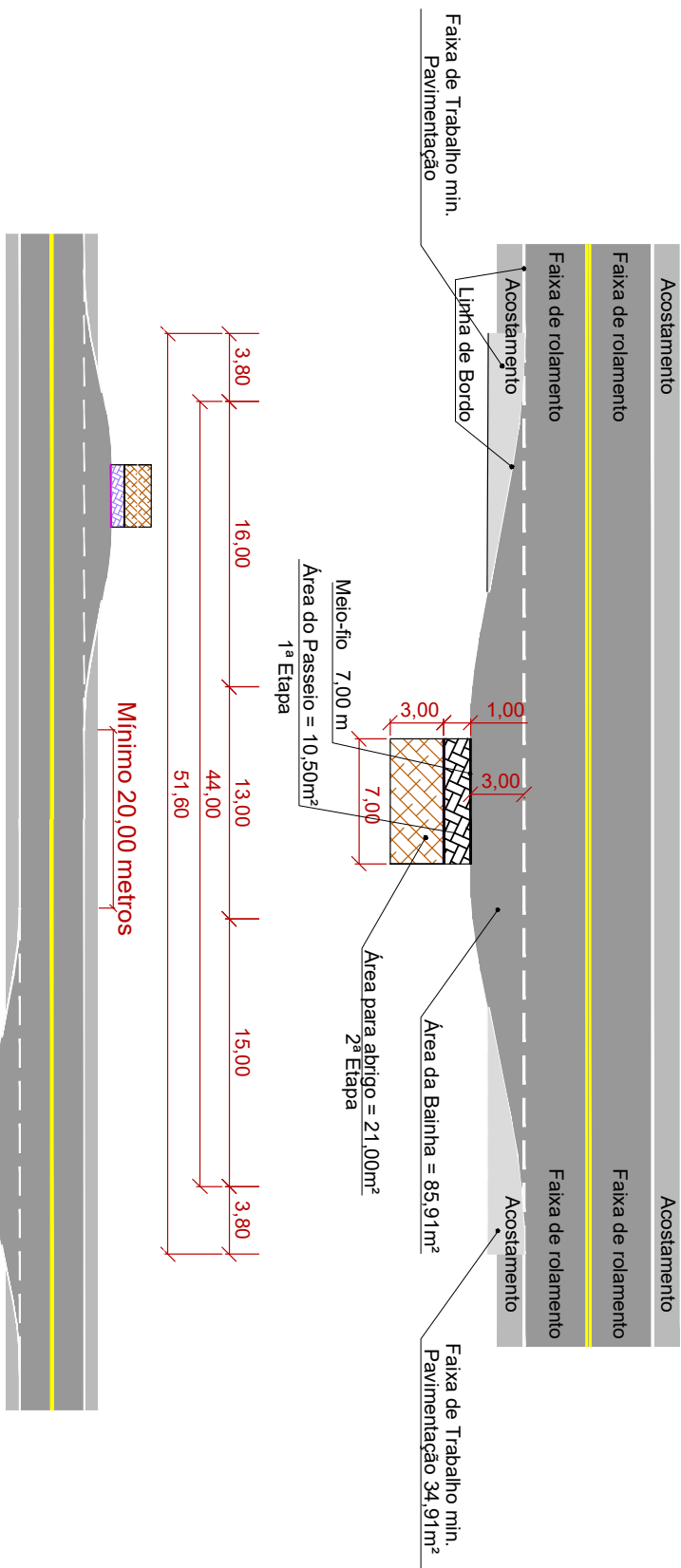


## 730



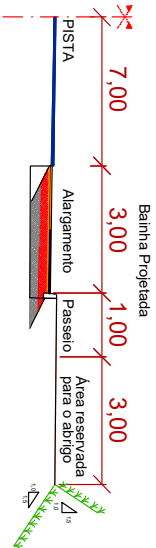


## Parada de Ônibus

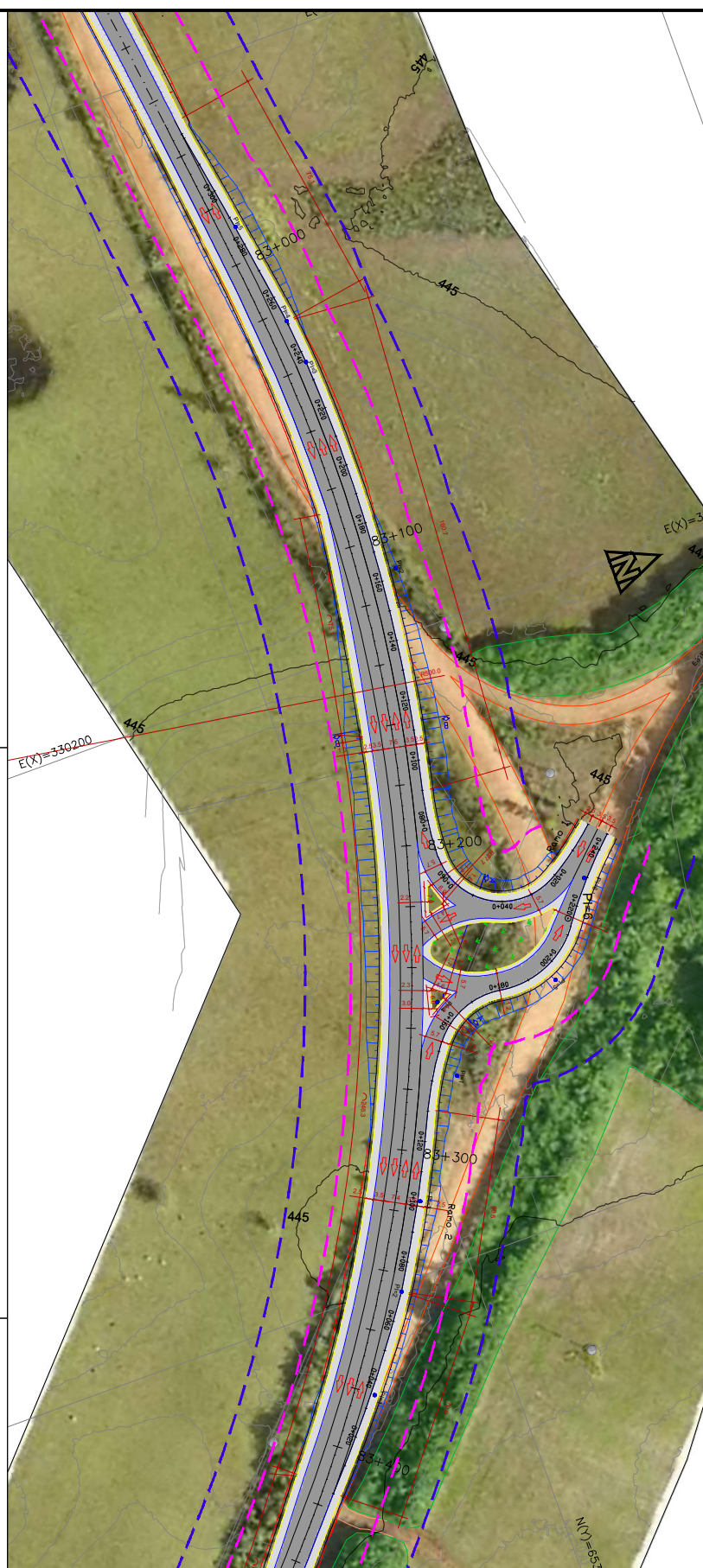


| N°    | km     | Lado | Parâmetros de Obitus   |            |                      | Situação   |
|-------|--------|------|------------------------|------------|----------------------|------------|
|       |        |      | Área de Parímetro (m²) | Mediún (m) | Área de passeio (m²) |            |
| PO-1  | 80x070 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-2  | 80x130 | LD   | 85,91                  | 7          | 7                    | Implantada |
| PO-3  | 81x480 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-4  | 81x580 | LD   | 85,91                  | 7          | 7                    | Implantada |
| PO-5  | 82x200 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-6  | 82x290 | LD   | 85,91                  | 7          | 7                    | Implantada |
| PO-7  | 83x720 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-8  | 83x810 | LD   | 85,91                  | 7          | 7                    | Implantada |
| PO-9  | 84x530 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-10 | 84x630 | LD   | 85,91                  | 7          | 7                    | Implantada |
| PO-11 | 84x520 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-12 | 86x520 | LD   | 85,91                  | 7          | 7                    | Implantada |
| PO-13 | 87x520 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-14 | 87x630 | LD   | 85,91                  | 7          | 7                    | Implantada |
| PO-15 | 88x275 | LE   | 85,91                  | 7          | 7                    | Implantada |
| PO-16 | 88x380 | LD   | 85,91                  | 7          | 7                    | Implantada |

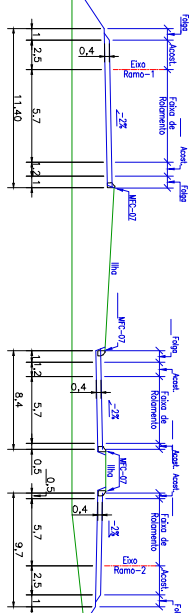
## SEÇÃO TIPO PARADA



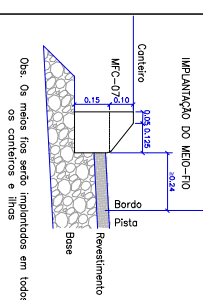
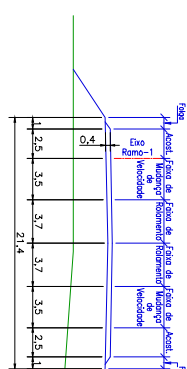
|                                                                                    |                                              |        |
|------------------------------------------------------------------------------------|----------------------------------------------|--------|
| <b>DAER</b>                                                                        | DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE NOVAJEM | S.E.P. |
| <b>ESCALAS:</b>                                                                    |                                              |        |
| Rodovia ERS-265(A)                                                                 |                                              |        |
| Trecho ERS-206 - Entre ERS-702 (concreto) - Entradas -302(A)/Santana do Boa Viagem |                                              |        |
| Código 3585BS000                                                                   |                                              |        |
| Extensão 0,00 km                                                                   |                                              |        |
| <b>PROJETO DE INTERSEÇÕES</b>                                                      |                                              |        |
| Pavimento Tipo                                                                     | FOLHA                                        | 09/31  |
| DATA<br>Azo/2022                                                                   |                                              |        |



Corte A-A'



Corte B-B'

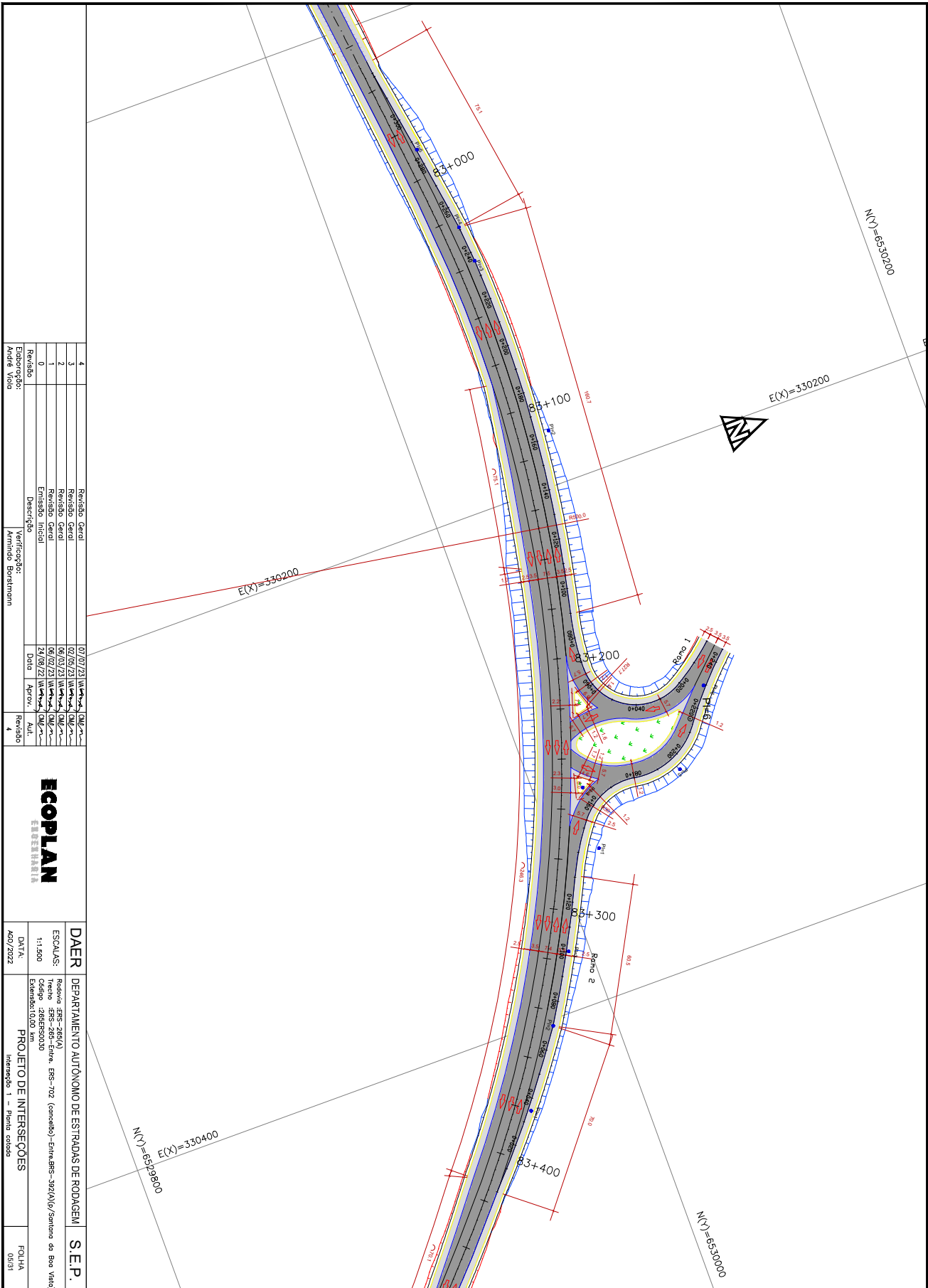


|                                                                                                                                                                                                                   |  |                                              |  |             |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|-------------|--|
| DAER                                                                                                                                                                                                              |  | DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM |  | S.E.P.      |  |
| <p>ESCALAS:</p> <p>Redução: R/S = 25/4 (A)</p> <p>Imagem: R/S = 285 – 28m, R/S = 702 (concreto) – E/Imagem = 392(A)/S/Dono da Boa Vista</p> <p>Código: 42060500030</p> <p>Estimado: 0,00000000</p> <p>1:1.500</p> |  |                                              |  |             |  |
| DATA:                                                                                                                                                                                                             |  | Ago/2022                                     |  | FOLHA 04/31 |  |
| <p>PROJETO DE INTERSEÇÕES</p> <p>Interseção 1 – Rupto de Situação</p>                                                                                                                                             |  |                                              |  |             |  |





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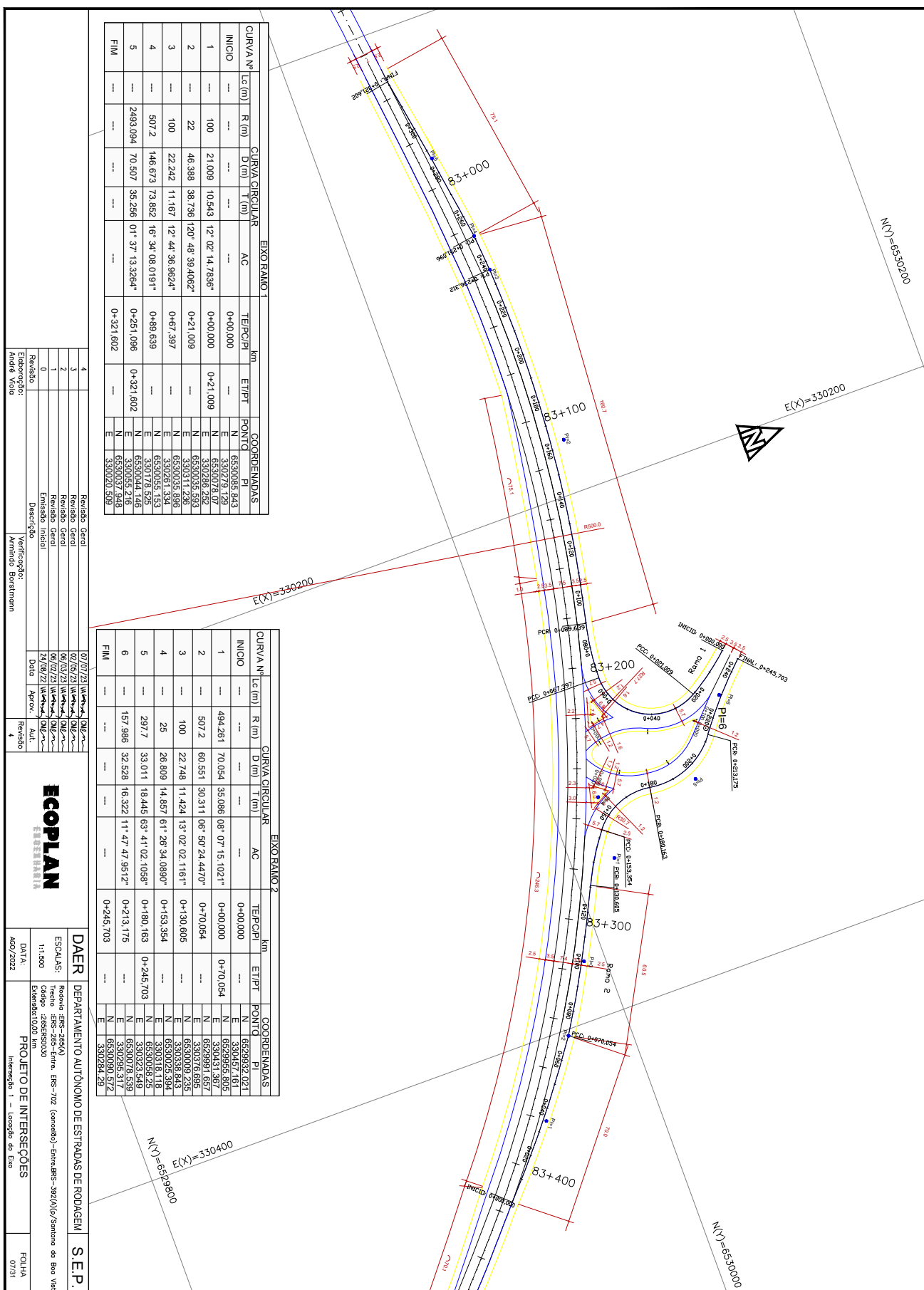
|             |                       |          |            |    |
|-------------|-----------------------|----------|------------|----|
| 4           | Revisado Geral        | 07/07/23 | W          | CM |
| 3           | Revisado Geral        | 02/05/23 | W          | CM |
| 2           | Revisado Geral        | 09/03/23 | W          | CM |
| 1           | Revisado Geral        | 24/08/22 | W          | CM |
| 0           | Elaborado             |          |            |    |
| Revisado    | Descrição             | Data     | Assinatura |    |
| Elaborado   | Verificado            |          |            |    |
| Assin. Voto | Arquiteto Responsável |          |            |    |

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ENGENHARIA

|          |                                                                 |        |
|----------|-----------------------------------------------------------------|--------|
| DAER     | DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM                    | S.E.P. |
| ESCALAS: | Rodovia ERS-266(A)                                              |        |
| 1:1.500  | Rodovia ERS-266(B)                                              |        |
|          | Curva 266-702 (conexão) - Estrada ERS-392(A)/Santo do Boi Vento |        |
|          | Extensão: 10,00 km                                              |        |
| DATA:    | 08/02/2022                                                      |        |
|          | PROJETO DE INTERSEÇÕES                                          | FOLHA  |
|          | Interseção 1 - Plano coteado                                    | 05/91  |

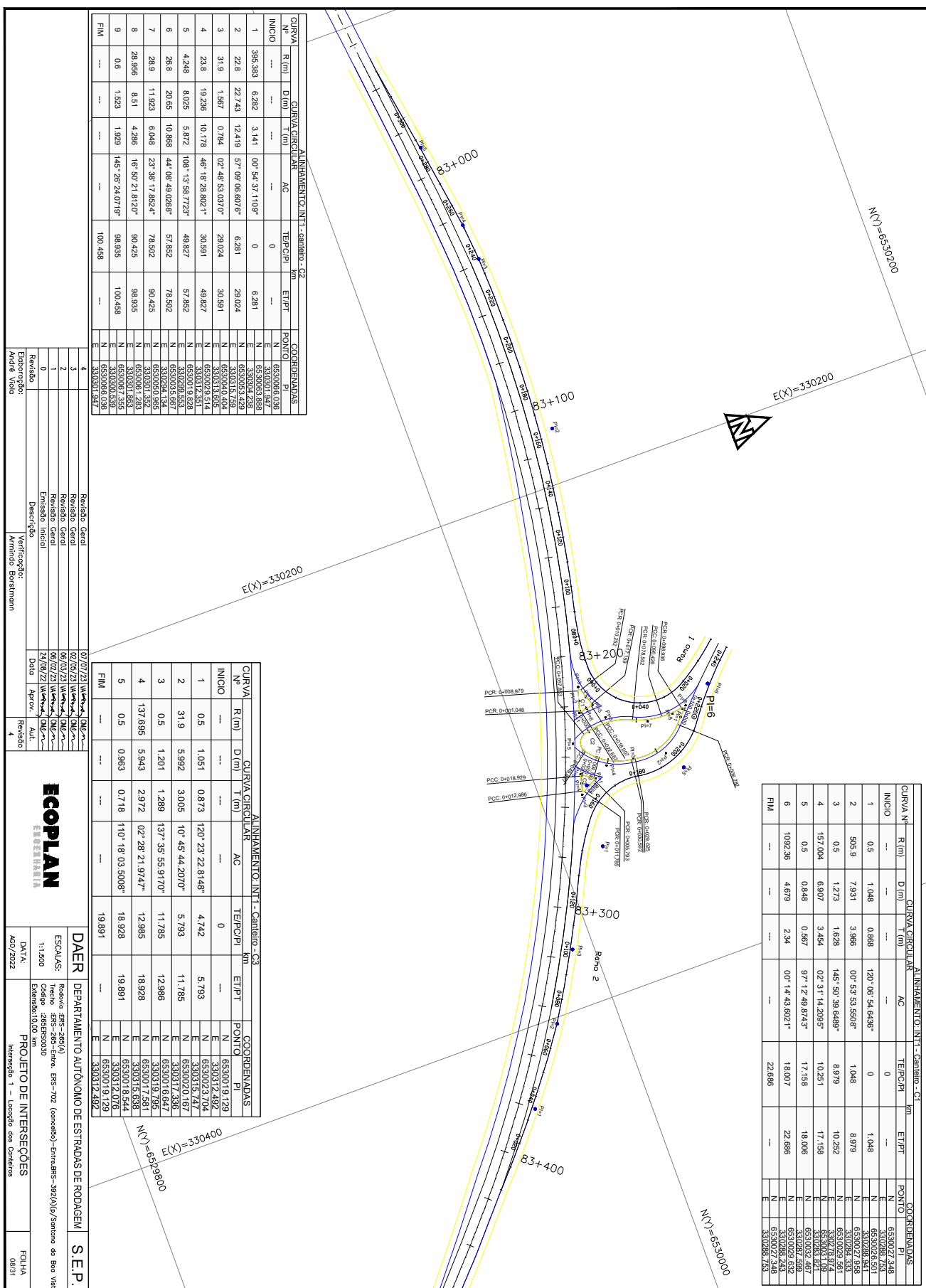








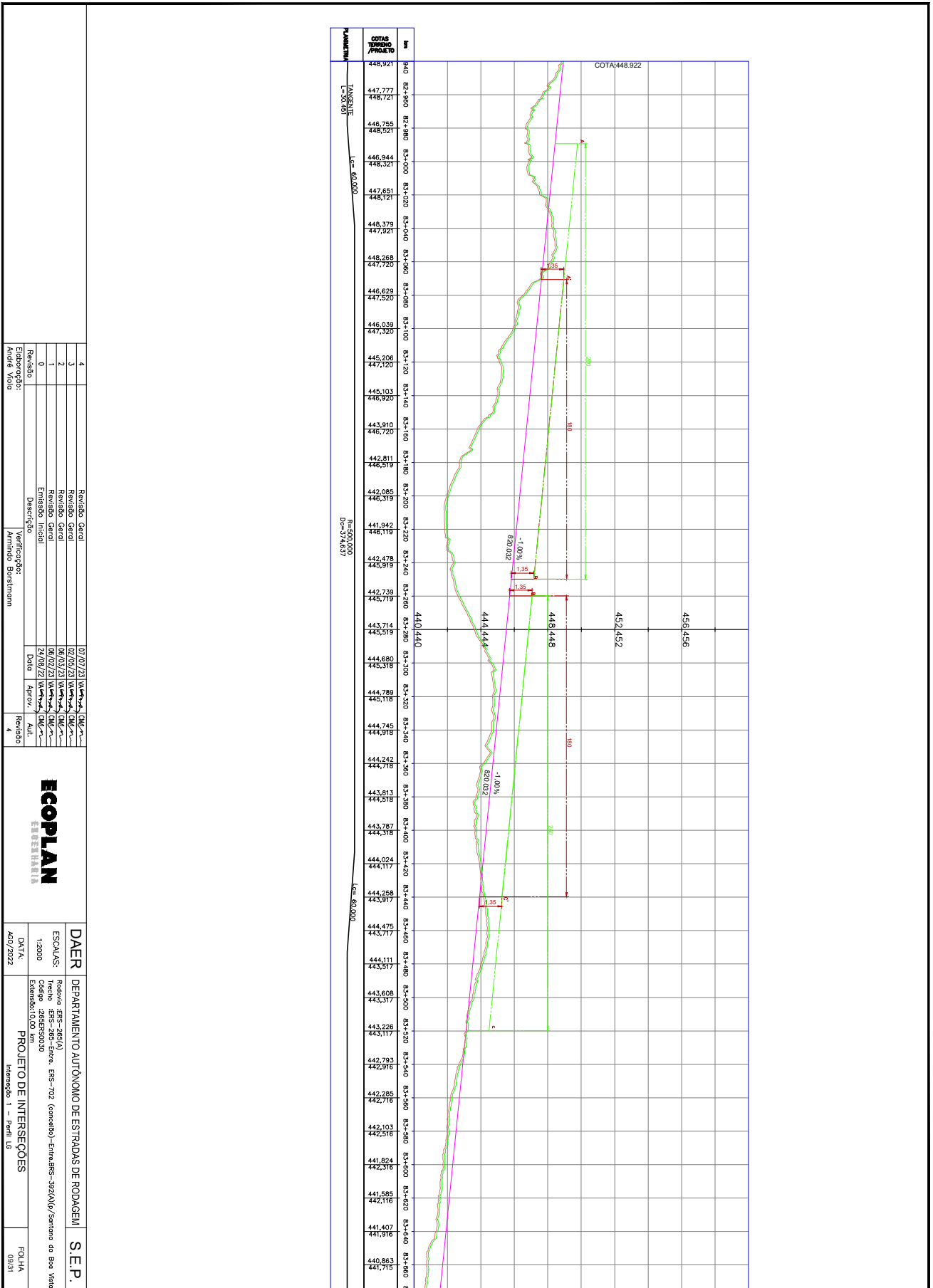
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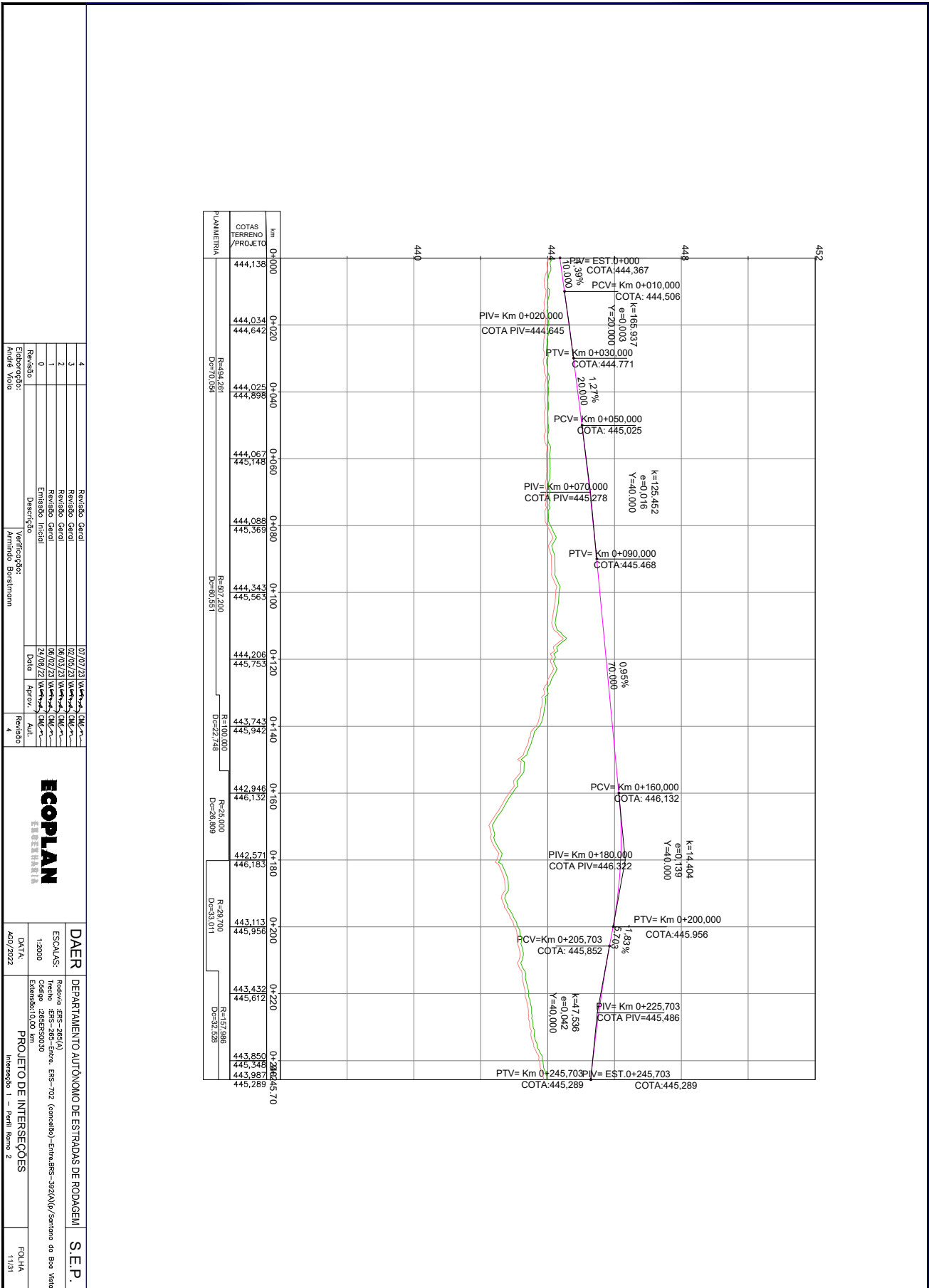


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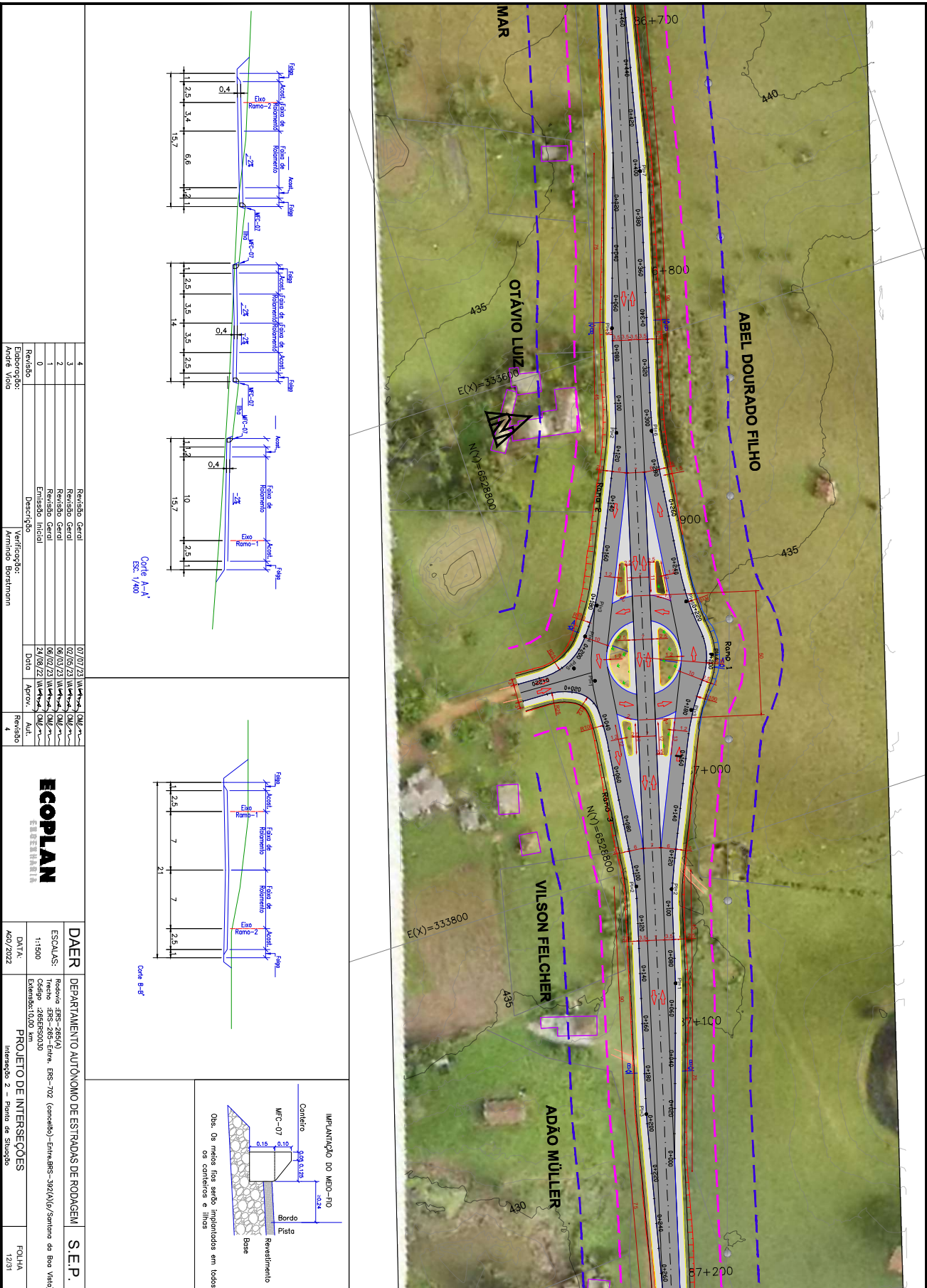








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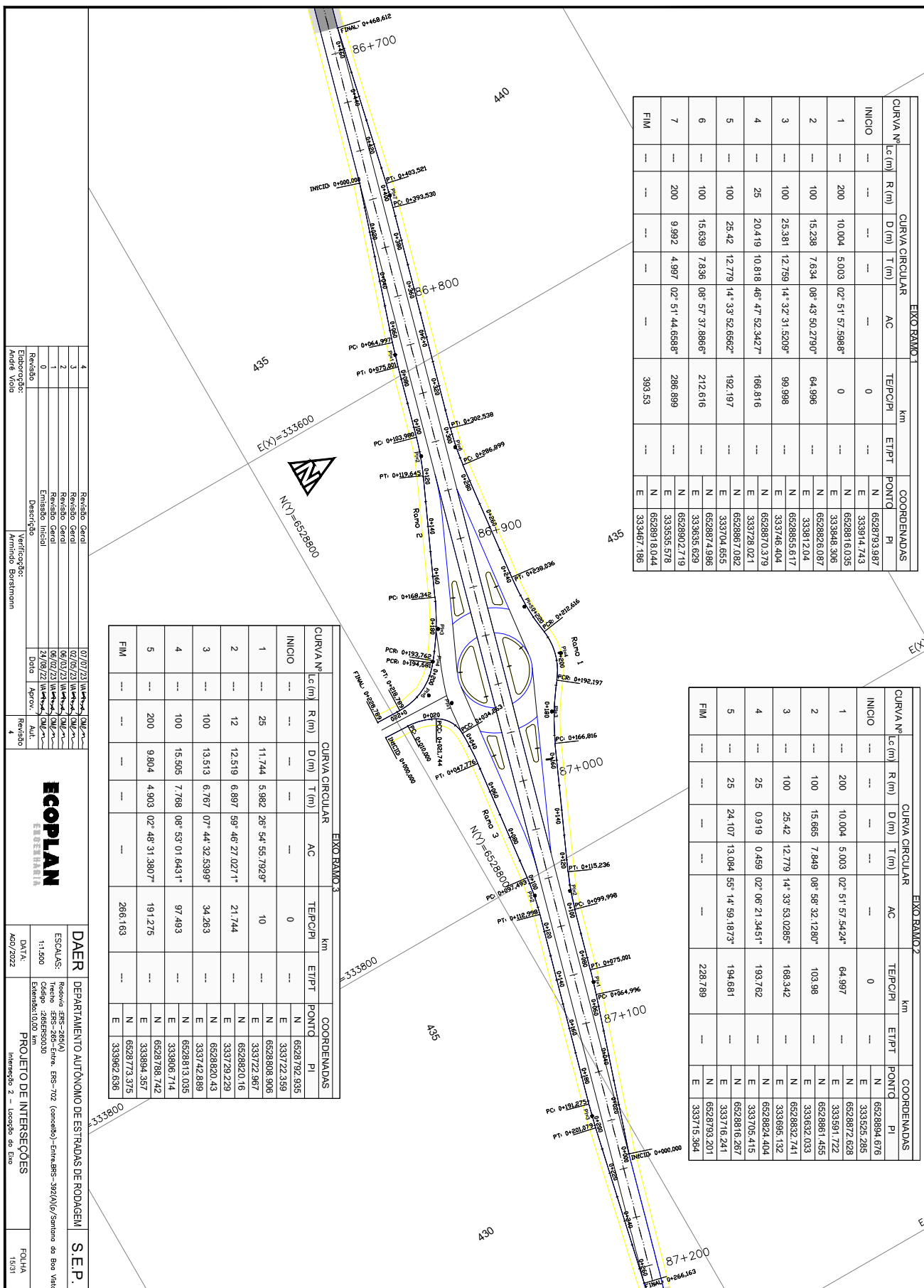








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|                              |                                  |          |        |      |
|------------------------------|----------------------------------|----------|--------|------|
| 4                            | Revisão Geral                    | 07/07/23 | Walter | OK   |
| 3                            | Revisão Geral                    | 02/05/23 | Walter | OK   |
| 2                            | Revisão Geral                    | 06/03/23 | Walter | OK   |
| 1                            | Revisão Geral                    | 06/03/23 | Walter | OK   |
| 0                            | Emissão Inicial                  | 23/09/22 | Walter | OK   |
| Revisão                      | Descrição                        | Data     | Aprov. | Aut. |
| Elaborado por:<br>Aldo Viôto | Verificação:<br>Armando Borsmann |          |        | 4    |

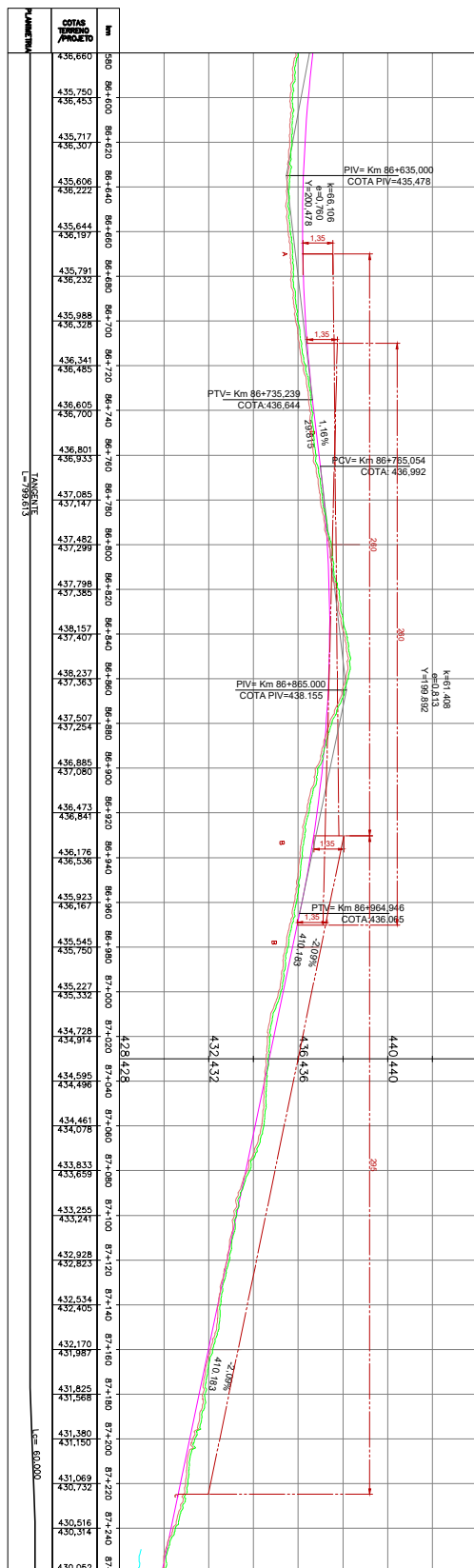


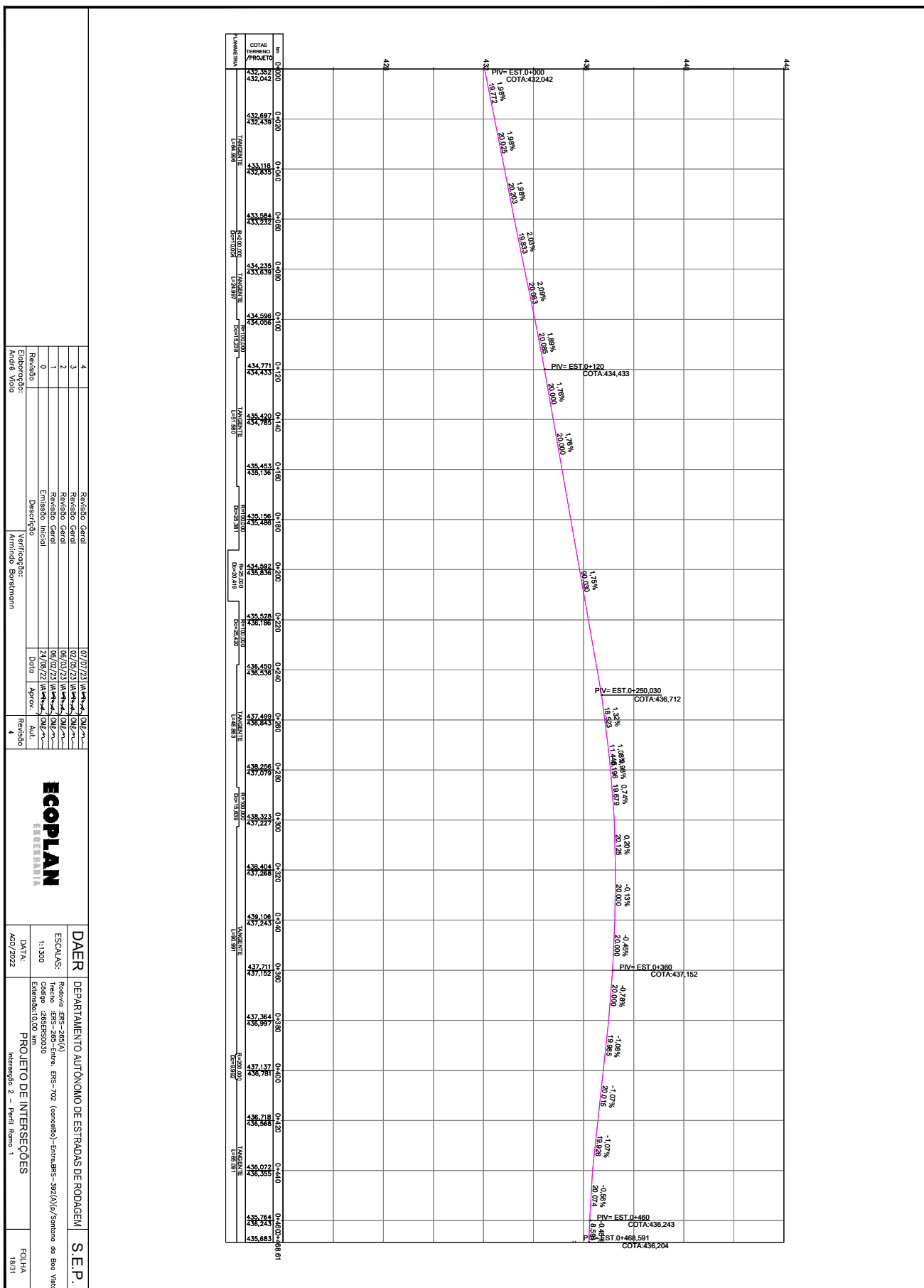
**ECOPLAN**

Engenharia e Planejamento

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                     |               |
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| <b>DAER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM</b> | <b>S.E.P.</b> |
| <p>Redireção SES-268(A)</p> <p>Tronco SES-268-Estrada ERS-702 (canal) - Estradas-392(A)/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915</p> |                                                     |               |

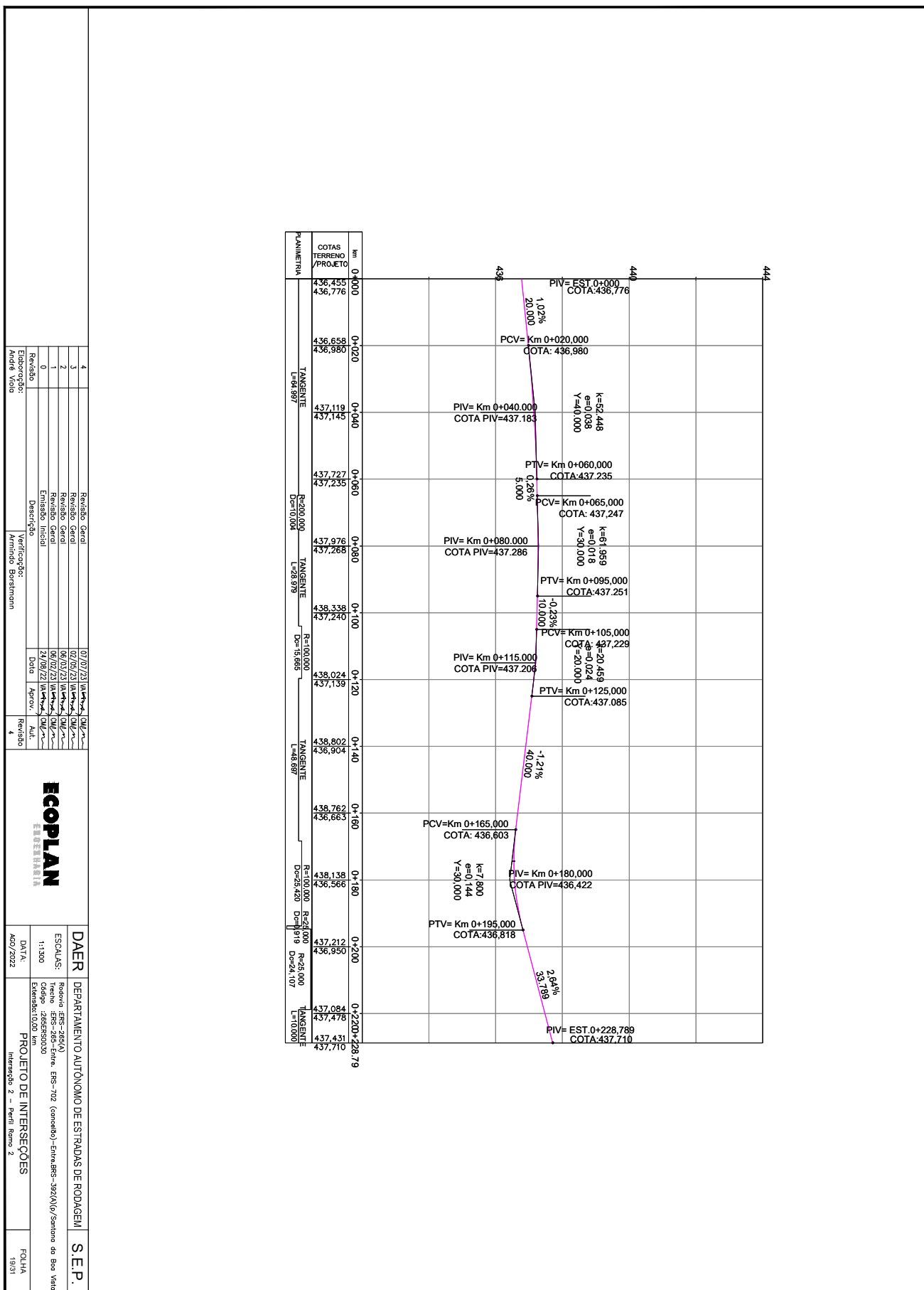


[illegible]



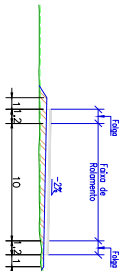
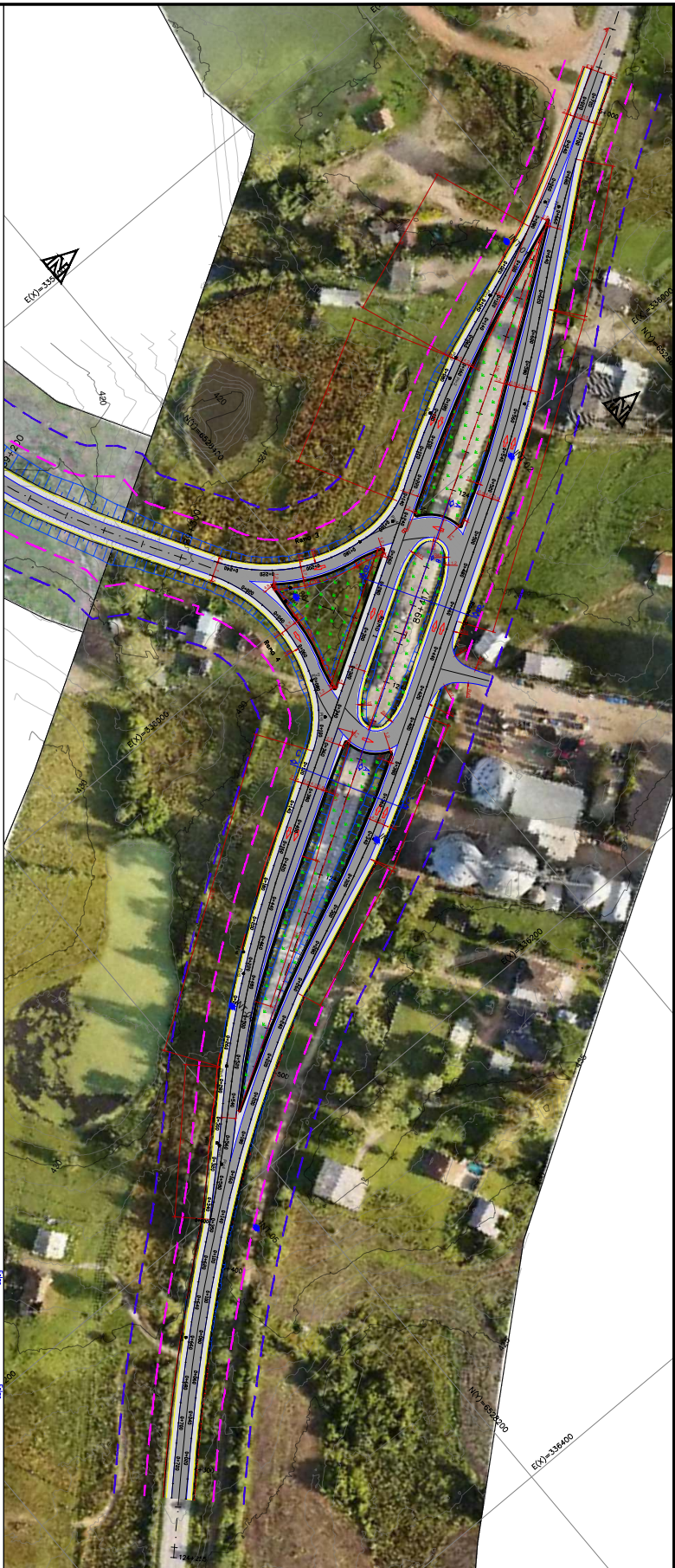


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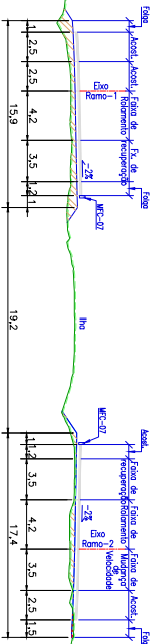






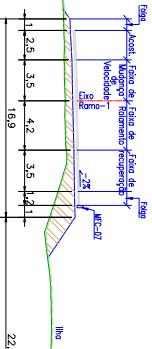
Corte A-A'

Esc. 1/400



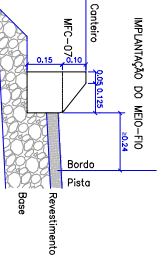
Corte B-B'

Esc. 1/400



Corte C-C'

Esc. 1/400



Obs: Os meios flos serão implantados em todos os canteiros e ilhas

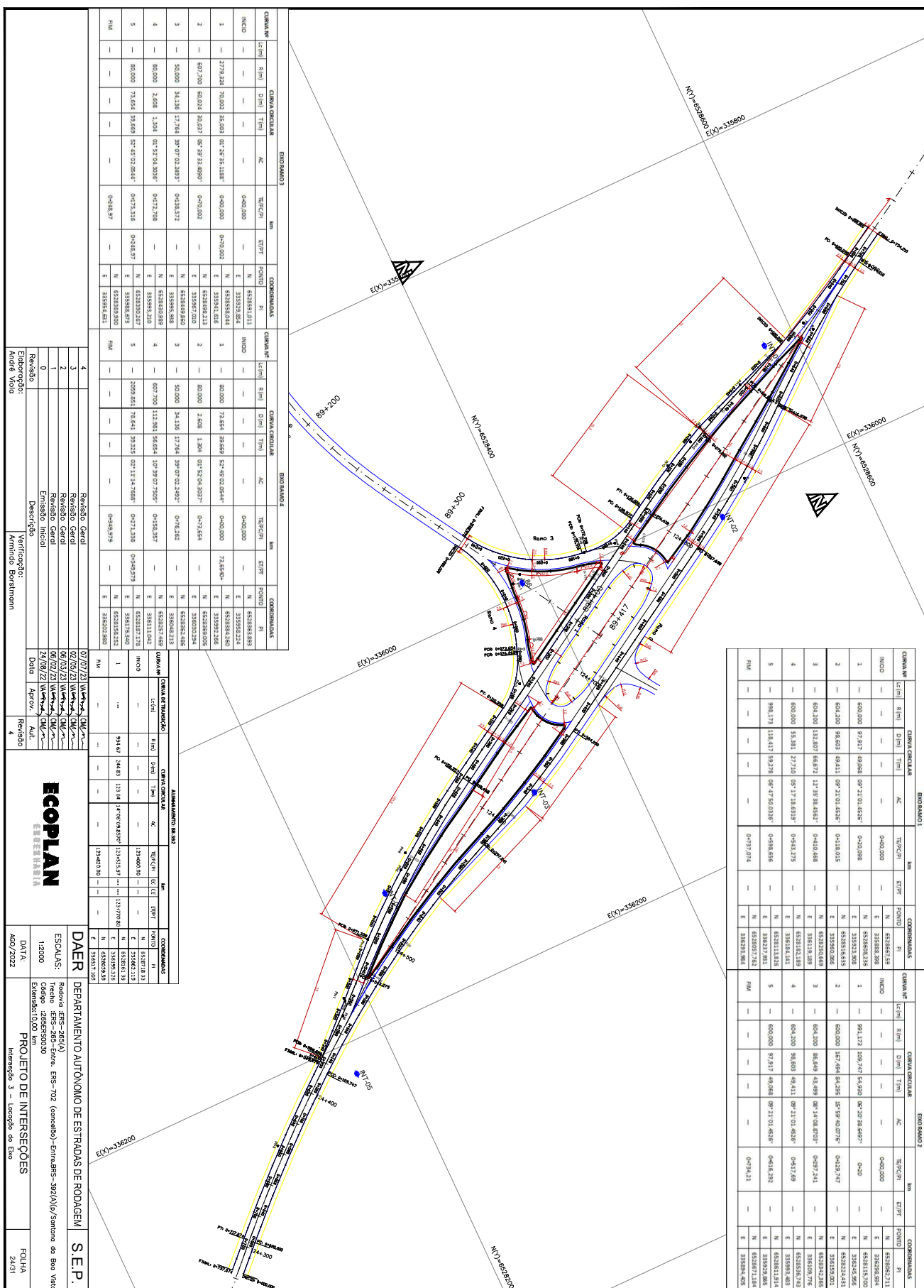
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|------------|---------------|----------|------------|------------|
| 4          | Revisão Geral | 07/07/23 | WVW        | DAER       |
| 3          | Revisão Geral | 07/07/23 | WVW        | DAER       |
| 2          | Revisão Geral | 07/07/23 | WVW        | DAER       |
| 1          | Revisão Geral | 07/07/23 | WVW        | DAER       |
| 0          | Revisão Geral | 07/07/23 | WVW        | DAER       |
| Revisão    | Descrição     | Data     | Assinatura | Assinatura |
| Elaboração | Verificação   | Arquivo  | Revisão    | Revisão    |
| Arquivo    | Arquivo       | Arquivo  | Arquivo    | Arquivo    |

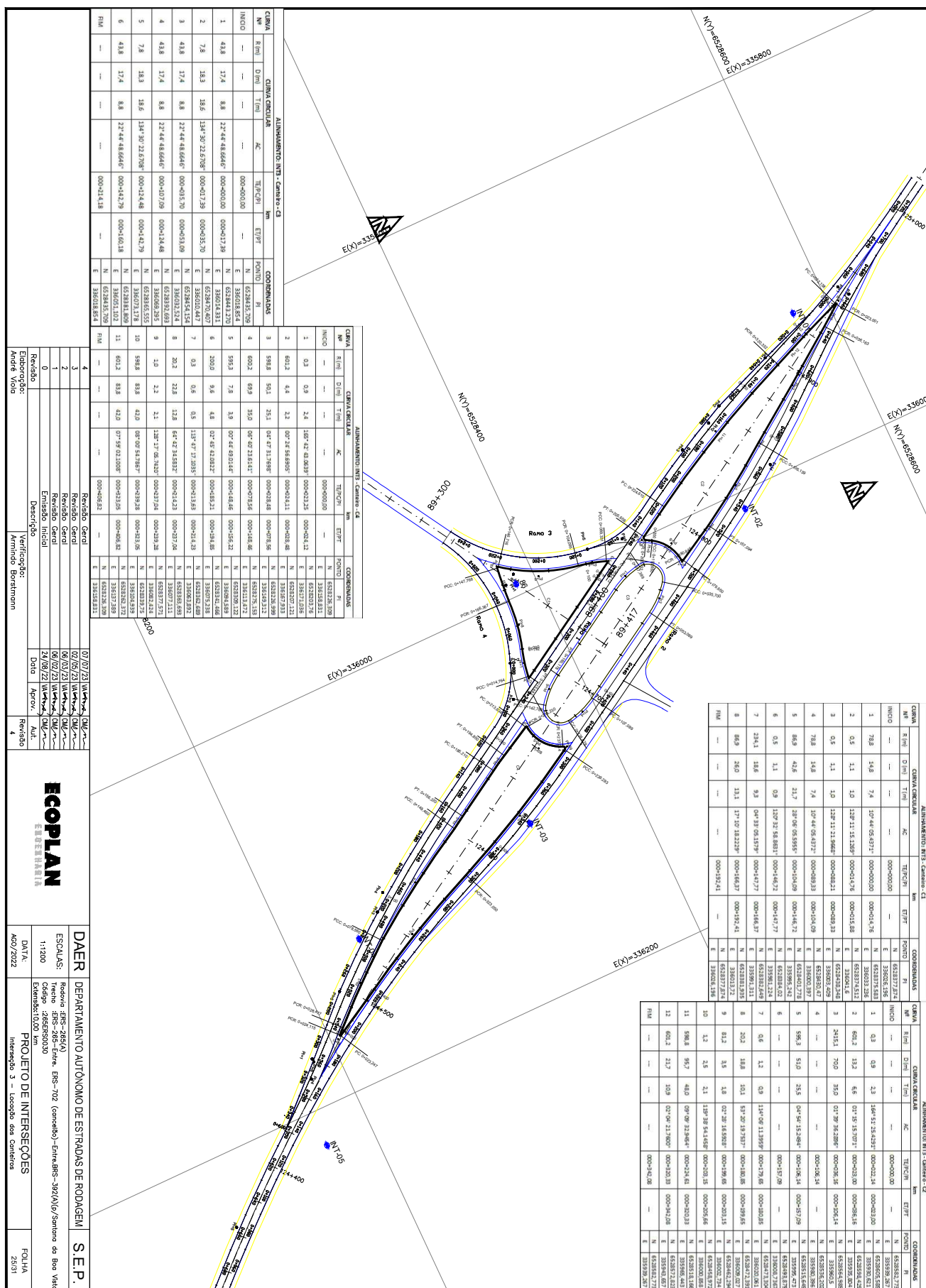
|          |                                                                   |        |
|----------|-------------------------------------------------------------------|--------|
| DAER     | DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM                      | S.E.P. |
| ESCALAS: | Redução ERS-260(A)                                                |        |
| 1:2000   | Redução ERS-702 (concreto)- EstradaRS-382(A)/Santana do Rio Verde |        |
|          | Extensão:10,00 km                                                 |        |
| DATA:    | 04/07/2022                                                        |        |
|          | PROJETO DE INTERSEÇÕES                                            | FOLHA  |
|          | Interseção 3 - Plano de Situação                                  | 21/31  |





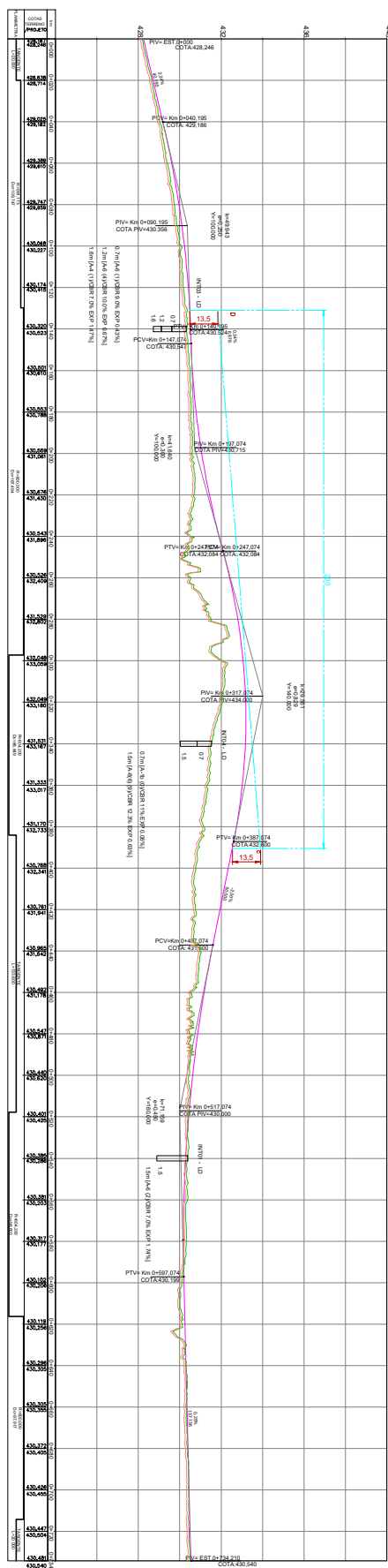








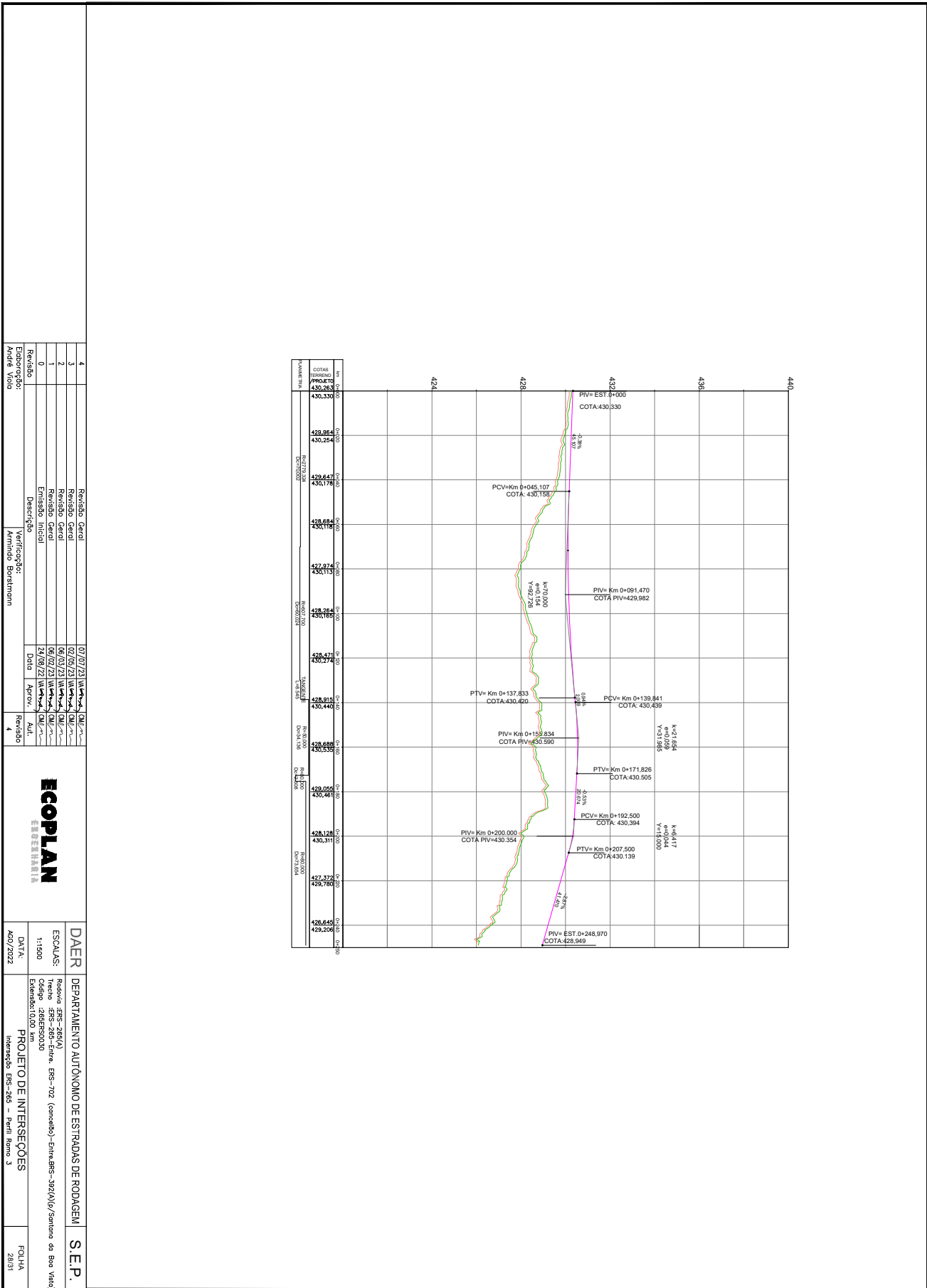




|         |               |                    |            |            |
|---------|---------------|--------------------|------------|------------|
| 4       | Revisão Geral | 07/07/23           | WVW        | CM         |
| 3       | Revisão Geral | 07/07/23           | WVW        | CM         |
| 2       | Revisão Geral | 07/07/23           | WVW        | CM         |
| 1       | Revisão Geral | 07/07/23           | WVW        | CM         |
| 0       | Revisão Geral | 07/07/23           | WVW        | CM         |
| Revisão | Descrição     | Data               | Assinatura | Assinatura |
| Edição  | Verificação   | Armando Bastianini | 4          | Revisão    |
| Arquivo |               |                    |            |            |

**ECOPLAN**  
ENGENHARIA

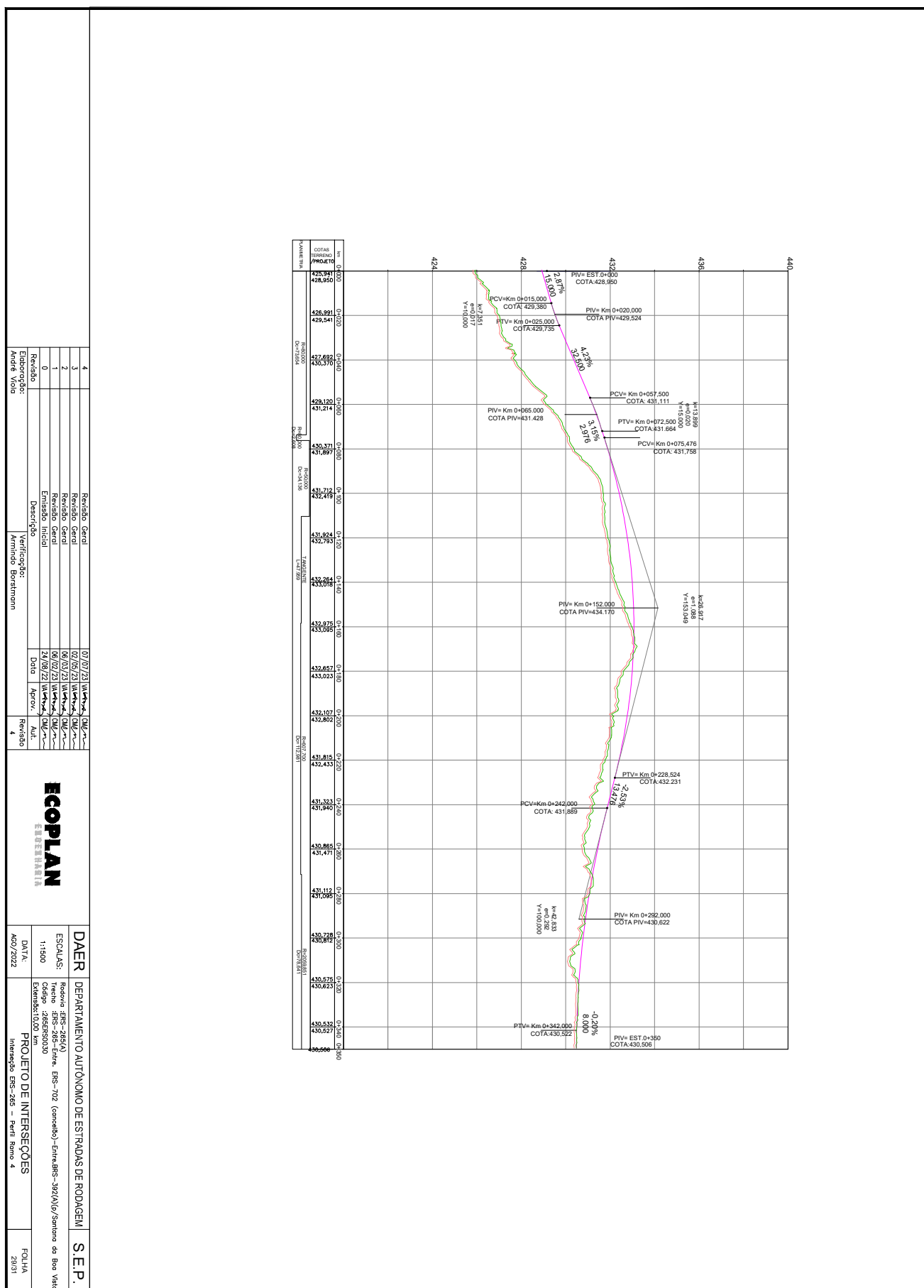
|          |                                              |        |
|----------|----------------------------------------------|--------|
| DAER     | DEPARTAMENTO AUTÔNOMO DE ESTRADAS DE RODAGEM | S.E.P. |
| ESCALAS: | Relevo: ERS-265(A)                           |        |
| 1:2000   | Relevo: ERS-265(B)                           |        |
|          | Relevo: ERS-265(C)                           |        |
|          | Relevo: ERS-265(D)                           |        |
|          | Relevo: ERS-265(E)                           |        |
|          | Relevo: ERS-265(F)                           |        |
|          | Relevo: ERS-265(G)                           |        |
|          | Relevo: ERS-265(H)                           |        |
|          | Relevo: ERS-265(I)                           |        |
|          | Relevo: ERS-265(J)                           |        |
|          | Relevo: ERS-265(K)                           |        |
|          | Relevo: ERS-265(L)                           |        |
|          | Relevo: ERS-265(M)                           |        |
|          | Relevo: ERS-265(N)                           |        |
|          | Relevo: ERS-265(O)                           |        |
|          | Relevo: ERS-265(P)                           |        |
|          | Relevo: ERS-265(Q)                           |        |
|          | Relevo: ERS-265(R)                           |        |
|          | Relevo: ERS-265(S)                           |        |
|          | Relevo: ERS-265(T)                           |        |
|          | Relevo: ERS-265(U)                           |        |
|          | Relevo: ERS-265(V)                           |        |
|          | Relevo: ERS-265(W)                           |        |
|          | Relevo: ERS-265(X)                           |        |
|          | Relevo: ERS-265(Y)                           |        |
|          | Relevo: ERS-265(Z)                           |        |
|          | Relevo: ERS-265(1)                           |        |
|          | Relevo: ERS-265(2)                           |        |
|          | Relevo: ERS-265(3)                           |        |
|          | Relevo: ERS-265(4)                           |        |
|          | Relevo: ERS-265(5)                           |        |
|          | Relevo: ERS-265(6)                           |        |
|          | Relevo: ERS-265(7)                           |        |
|          | Relevo: ERS-265(8)                           |        |
|          | Relevo: ERS-265(9)                           |        |
|          | Relevo: ERS-265(10)                          |        |
|          | Relevo: ERS-265(11)                          |        |
|          | Relevo: ERS-265(12)                          |        |
|          | Relevo: ERS-265(13)                          |        |
|          | Relevo: ERS-265(14)                          |        |
|          | Relevo: ERS-265(15)                          |        |
|          | Relevo: ERS-265(16)                          |        |
|          | Relevo: ERS-265(17)                          |        |
|          | Relevo: ERS-265(18)                          |        |
|          | Relevo: ERS-265(19)                          |        |
|          | Relevo: ERS-265(20)                          |        |
|          | Relevo: ERS-265(21)                          |        |
|          | Relevo: ERS-265(22)                          |        |
|          | Relevo: ERS-265(23)                          |        |
|          | Relevo: ERS-265(24)                          |        |
|          | Relevo: ERS-265(25)                          |        |
|          | Relevo: ERS-265(26)                          |        |
|          | Relevo: ERS-265(27)                          |        |
|          | Relevo: ERS-265(28)                          |        |
|          | Relevo: ERS-265(29)                          |        |
|          | Relevo: ERS-265(30)                          |        |
|          | Relevo: ERS-265(31)                          |        |
|          | Relevo: ERS-265(32)                          |        |
|          | Relevo: ERS-265(33)                          |        |
|          | Relevo: ERS-265(34)                          |        |
|          | Relevo: ERS-265(35)                          |        |
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|          | Relevo: ERS-265(37)                          |        |
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|          | Relevo: ERS-265(39)                          |        |
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|          | Relevo: ERS-265(42)                          |        |
|          | Relevo: ERS-265(43)                          |        |
|          | Relevo: ERS-265(44)                          |        |
|          | Relevo: ERS-265(45)                          |        |
|          | Relevo: ERS-265(46)                          |        |
|          | Relevo: ERS-265(47)                          |        |
|          | Relevo: ERS-265(48)                          |        |
|          | Relevo: ERS-265(49)                          |        |
|          | Relevo: ERS-265(50)                          |        |
|          | Relevo: ERS-265(51)                          |        |
|          | Relevo: ERS-265(52)                          |        |
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|          | Relevo: ERS-265(54)                          |        |
|          | Relevo: ERS-265(55)                          |        |
|          | Relevo: ERS-265(56)                          |        |
|          | Relevo: ERS-265(57)                          |        |
|          | Relevo: ERS-265(58)                          |        |
|          | Relevo: ERS-265(59)                          |        |
|          | Relevo: ERS-265(60)                          |        |
|          | Relevo: ERS-265(61)                          |        |
|          | Relevo: ERS-265(62)                          |        |
|          | Relevo: ERS-265(63)                          |        |
|          | Relevo: ERS-265(64)                          |        |
|          | Relevo: ERS-265(65)                          |        |
|          | Relevo: ERS-265(66)                          |        |
|          | Relevo: ERS-265(67)                          |        |
|          | Relevo: ERS-265(68)                          |        |
|          | Relevo: ERS-265(69)                          |        |
|          | Relevo: ERS-265(70)                          |        |
|          | Relevo: ERS-265(71)                          |        |
|          | Relevo: ERS-265(72)                          |        |
|          | Relevo: ERS-265(73)                          |        |
|          | Relevo: ERS-265(74)                          |        |
|          | Relevo: ERS-265(75)                          |        |
|          | Relevo: ERS-265(76)                          |        |
|          | Relevo: ERS-265(77)                          |        |
|          | Relevo: ERS-265(78)                          |        |
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|          | Relevo: ERS-265(80)                          |        |
|          | Relevo: ERS-265(81)                          |        |
|          | Relevo: ERS-265(82)                          |        |
|          | Relevo: ERS-265(83)                          |        |
|          | Relevo: ERS-265(84)                          |        |
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|          | Relevo: ERS-265(86)                          |        |
|          | Relevo: ERS-265(87)                          |        |
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|          | Relevo: ERS-265(96)                          |        |
|          | Relevo: ERS-265(97)                          |        |
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|          | Relevo: ERS-265(100)                         |        |





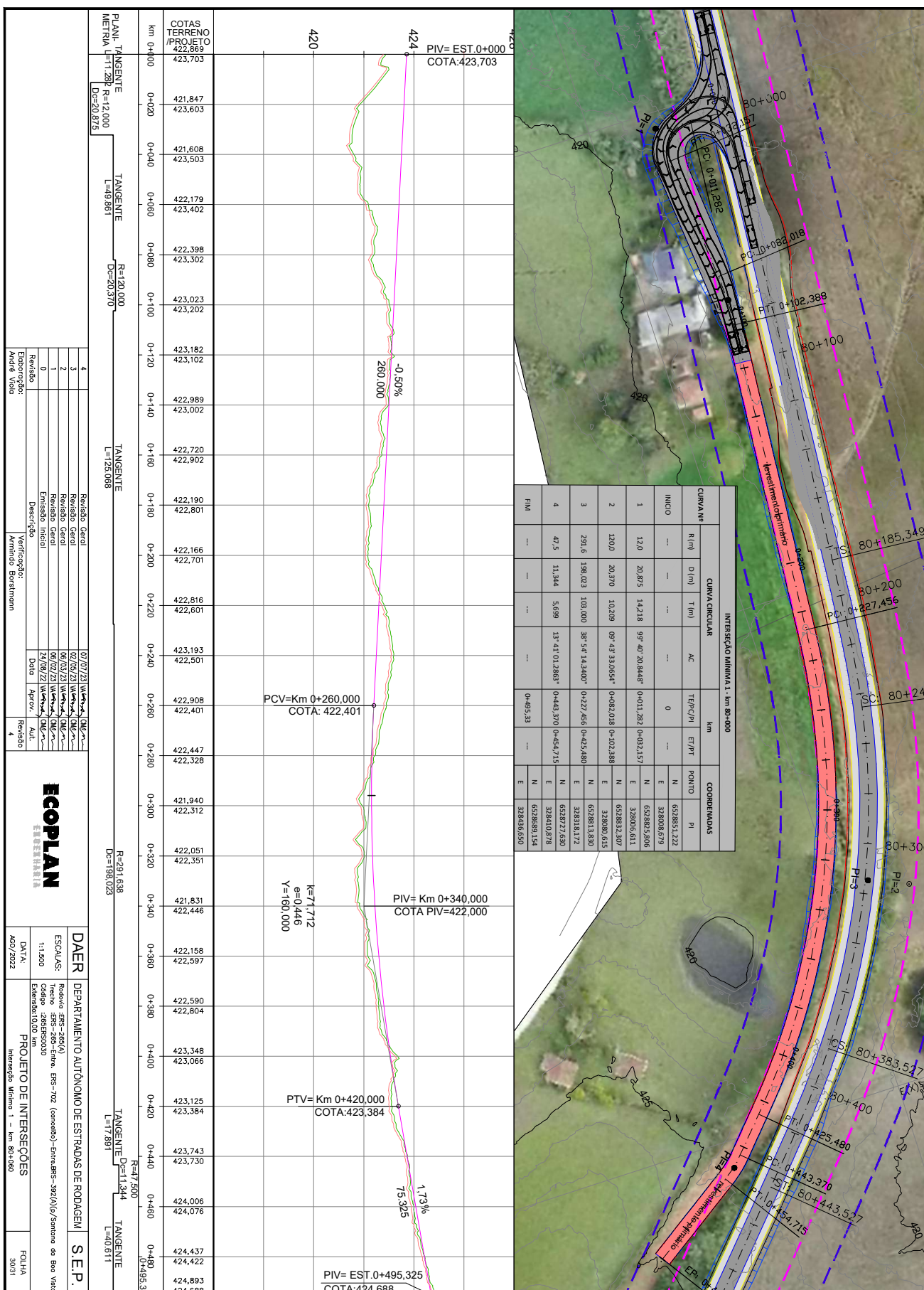


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