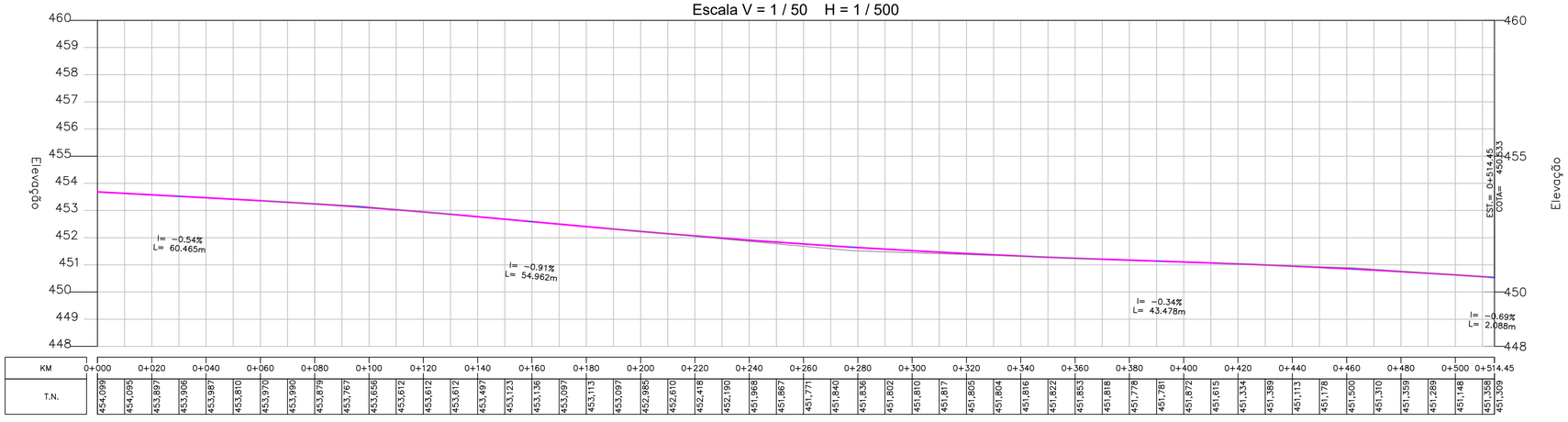
664100.000



664300.000

Trecho - 01

Escala V = 1 / 50 H = 1 / 500



KM	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+460	0+480	0+500	0+514.45
T.N.	454,099	454,095	453,897	453,906	453,987	453,810	453,970	453,990	453,879	453,767	453,656	453,612	453,612	453,612	453,497	453,123	453,136	453,097	453,113	453,097	452,985	452,610	452,418	452,190	451,968	451,867	451,771	451,840	451,836	451,802	451,810	451,817	451,805	451,804	451,816	451,822	451,853	451,818	451,778	451,781	451,872	451,615	451,334	451,389	451,113	451,178	451,500	451,310	451,359	451,289	451,148	451,358	451,309

LEGENDAS

- COTAS DO LEITO DO RIO
- ÁREA DE LIMPEZA DE RIO

ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-01

DESCRIÇÃO:	CONTEÚDO:		
PROJETO DE LIMPEZA DE RIO	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL: 64.254,01 m³	ESCALA: 1/1000	DATA: JUNHO 2026	FOLHA: 01/01

RESPONSÁVEL TÉCNICO:

NATHAN RICARDO LUIZ:09850720913

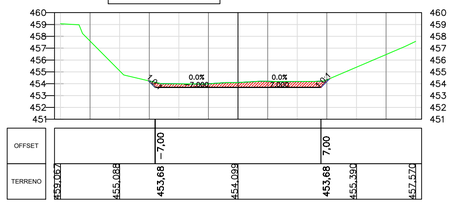
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=RFB e CPF PJ, ou=AR SOLUTI, ou=AC SOLUTI Multipla, cn=NATHAN RICARDO LUIZ:09850720913
Razão: Eu sou o autor deste documento
Localização:
Data: 2026.04.30 15:11:11 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

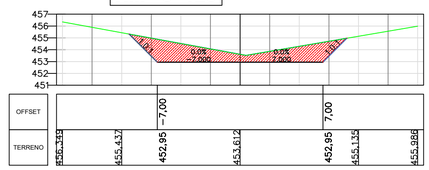
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

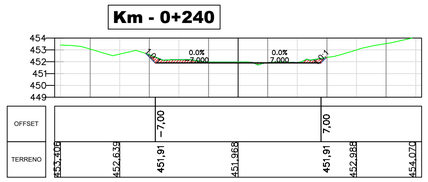
Km - 0+000



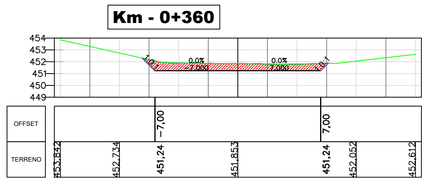
Km - 0+120



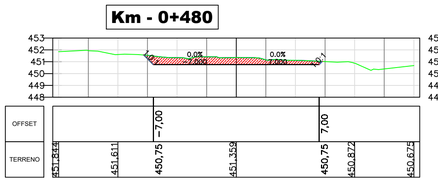
Km - 0+240



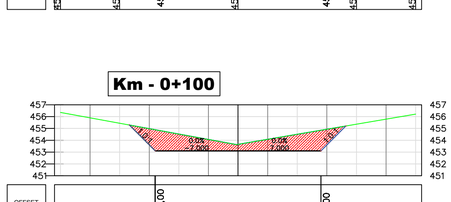
Km - 0+360



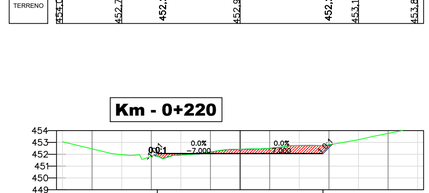
Km - 0+480



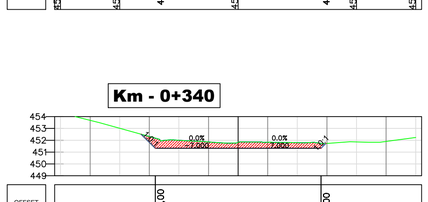
Km - 0+020



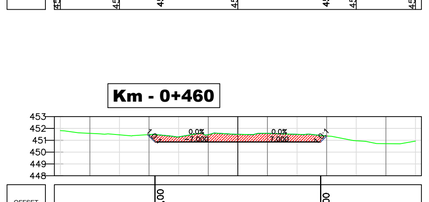
Km - 0+140



Km - 0+260



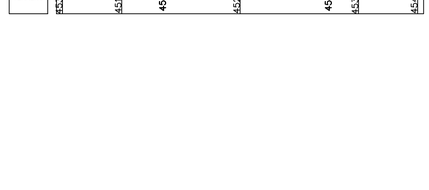
Km - 0+380



Km - 0+500

Km - 0+040

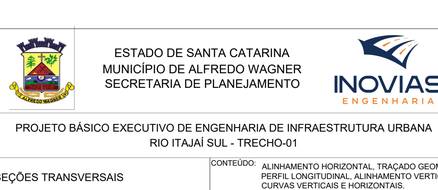
Km - 0+160



Km - 0+280

Km - 0+400

Km - 0+514,45



Km - 0+060

Km - 0+180

Km - 0+300

Km - 0+420

Km - 0+080

Km - 0+200

Km - 0+320

Km - 0+440

Km - 0+100

Km - 0+220

Km - 0+340

Km - 0+460

ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-01

DESCRIÇÃO:	CONTEÚDO:		
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	01/01

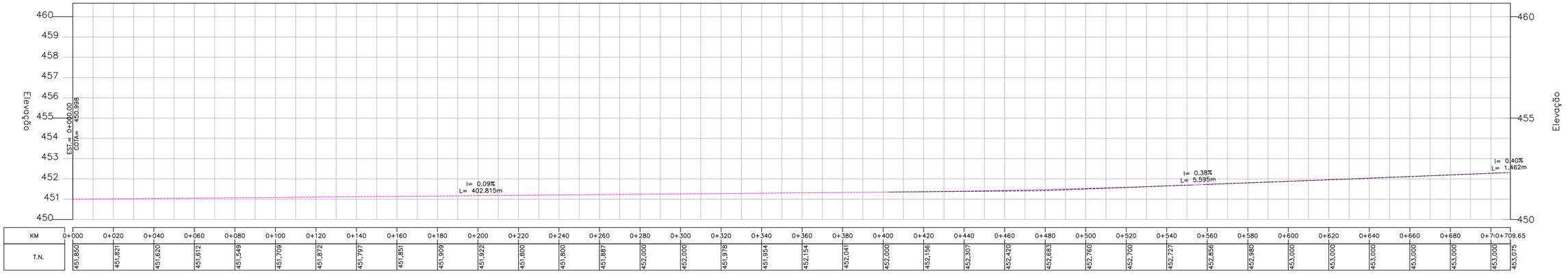
RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

CONTRATANTE:
ALFREDO WAGNER
CNPJ: 83.102.608/0001-54



Trecho - 02

Escala V = 1 / 50 H = 1 / 500



KM	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+460	0+480	0+500	0+520	0+540	0+560	0+580	0+600	0+620	0+640	0+660	0+680	0+700	0+709,65
T.N.	451,850	451,821	451,620	451,612	451,549	451,709	451,872	451,797	451,851	451,909	451,922	451,800	451,800	451,887	452,000	452,000	451,978	451,954	452,154	452,041	452,000	452,156	452,307	452,420	452,683	452,760	452,700	452,727	452,856	452,980	453,000	453,000	453,000	453,000	453,000	453,000	453,075

LEGENDAS

- COTAS DO LEITO DO RIO
- ÁREA DE LIMPEZA DE RIO

ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:
PROJETO DE LIMPEZA DE RIO	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.

VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	01/01

RESPONSÁVEL TÉCNICO:

NATHAN RICARDO LUIZ:09850720913

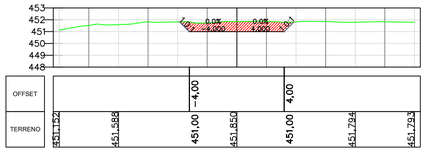
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
Dados: 2026.05.14 09:47:05 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

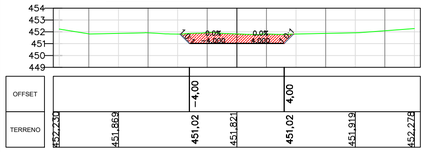
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

Km - 0+000



Km - 0+020



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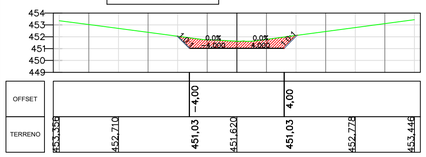

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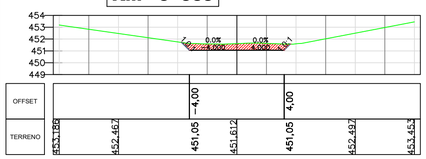
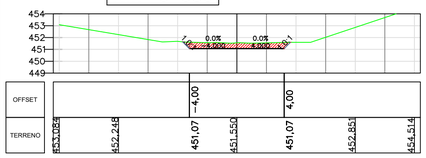


Km - 0+080



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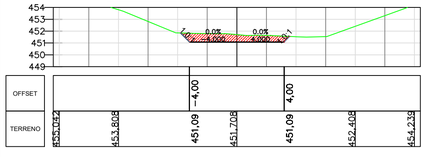
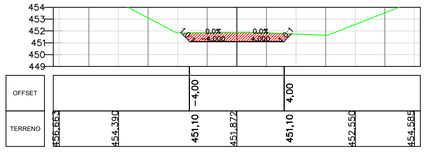


Km - 0+120



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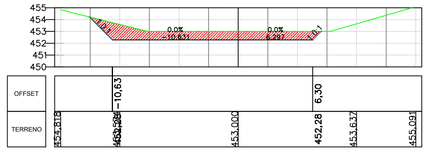
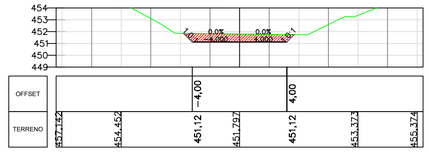
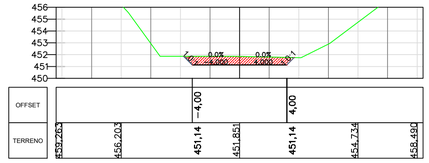


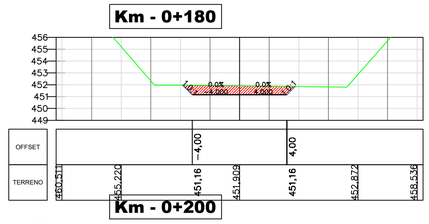
Km - 0+140



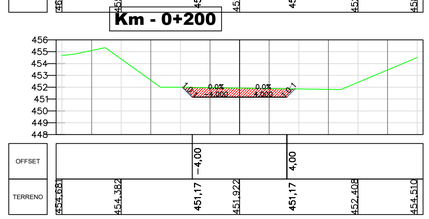
Km - 0+160



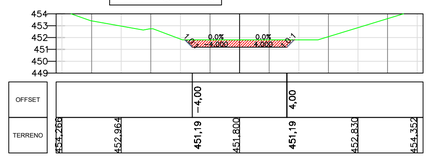
Km - 0+180



Km - 0+200



Km - 0+220



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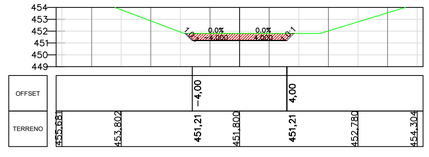

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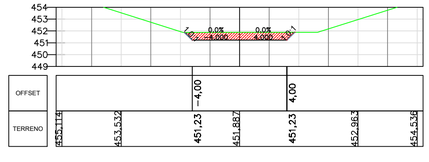

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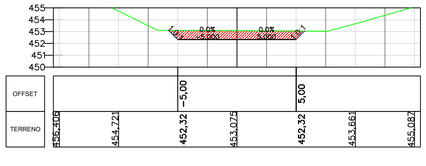

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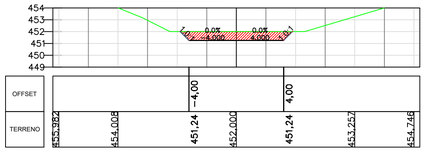
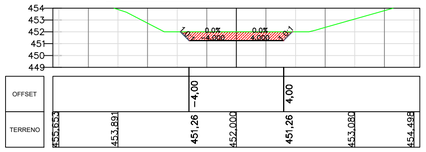
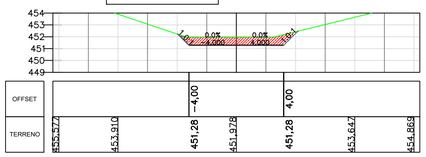


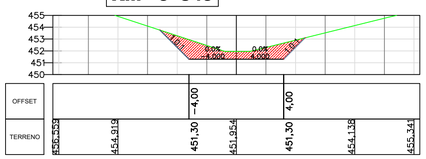
Km - 0+300



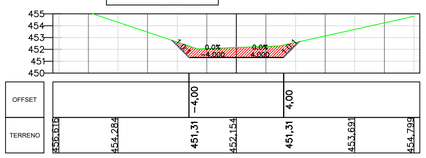
Km - 0+320



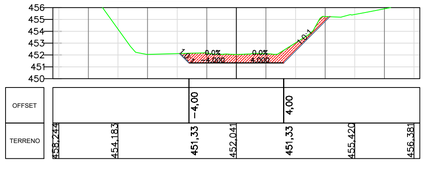
Km - 0+340



Km - 0+360



Km - 0+380



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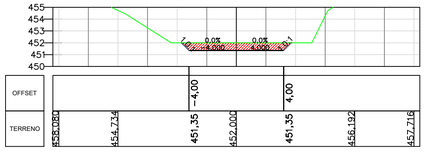

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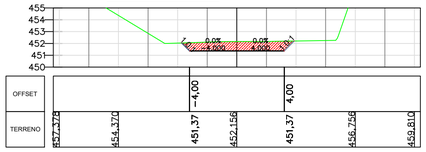

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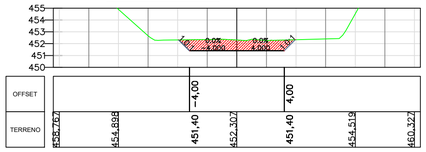

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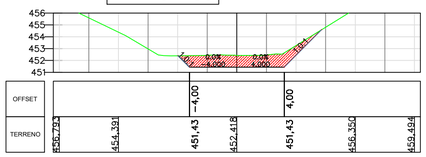

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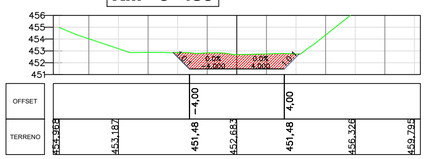

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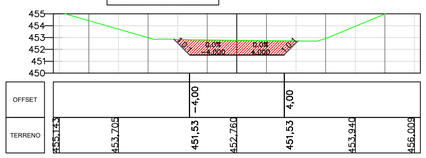

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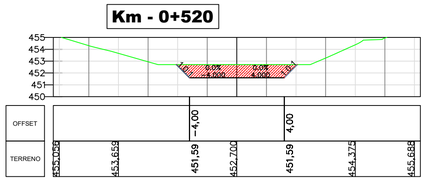

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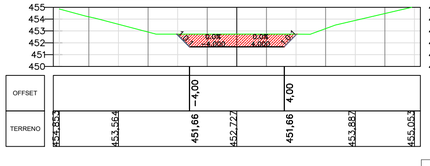
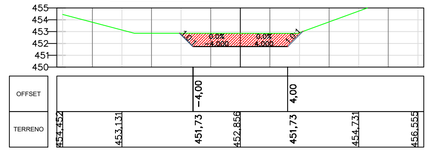
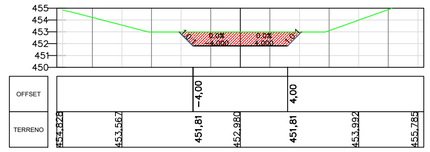


Km - 0+560



Km - 0+580



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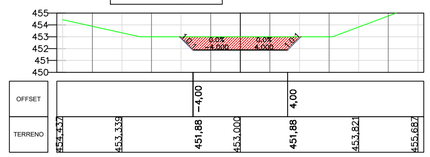

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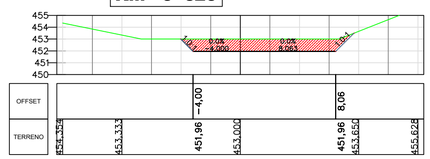

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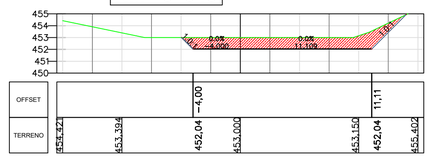

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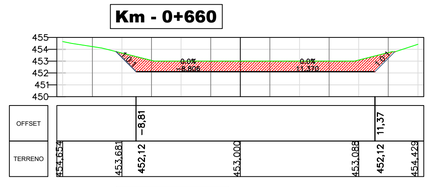
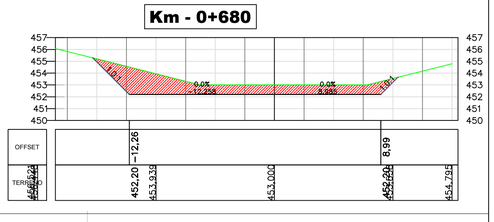


Km - 0+680



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:		CONTEÚDO:	
SEÇÕES TRANSVERSAIS		ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.	
VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	01/01

RESPONSÁVEL TÉCNICO:

NATHAN RICARDO LUIZ:09850720913

Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=AC SOLUTI Multipla v5, ou=09850720913, cn=NATHAN RICARDO LUIZ:09850720913
Razão: Eu sou o autor deste documento
Local:
Data: 2026.04.14 08:51:29 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

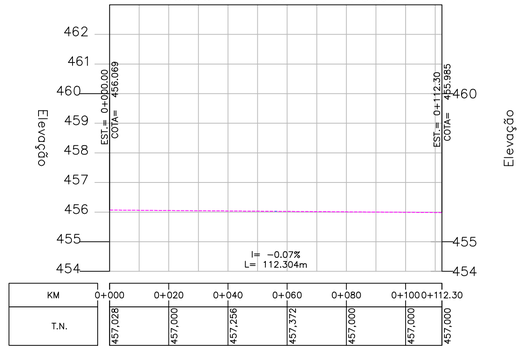
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

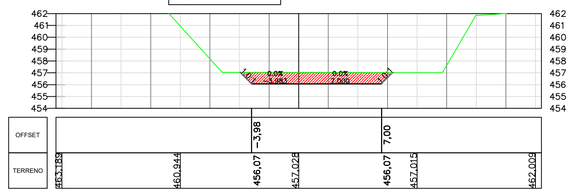


Trecho - 03

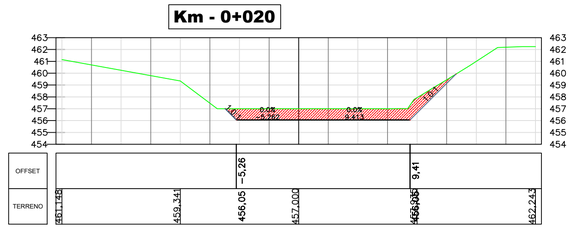
Escala V = 1 / 50 H = 1 / 500



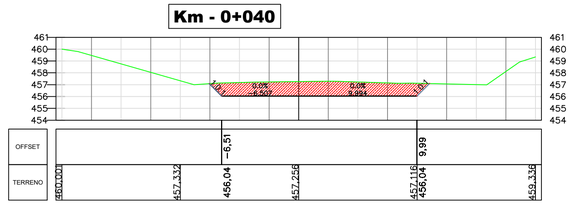
Km - 0+000



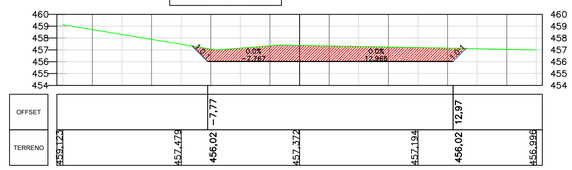
Km - 0+020



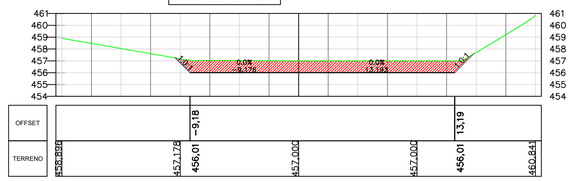
Km - 0+040



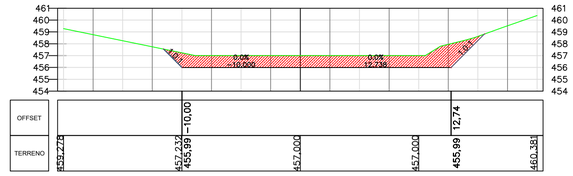
Km - 0+060



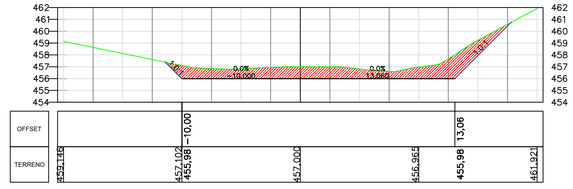
Km - 0+080



Km - 0+100



Km - 0+112,30



LEGENDAS

- COTAS DO LEITO DO RIO
- ÁREA DE LIMPEZA DE RIO

ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:
PROJETO DE LIMPEZA DE RIO	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.

VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	01/01

RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
DN: c=BR, o=ICP-Brasil, ou=Videoconferência, ou=Autenticado por Notário Federal do Brasil - RFB, ou=RFB e CPF 17, ou=OBRIGATORIO ICP-Brasil, cn=NATHAN RICARDO LUIZ:09850720913
Razão: Eu sou o autor deste documento
Data: 2026.05.14 13:39:15 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

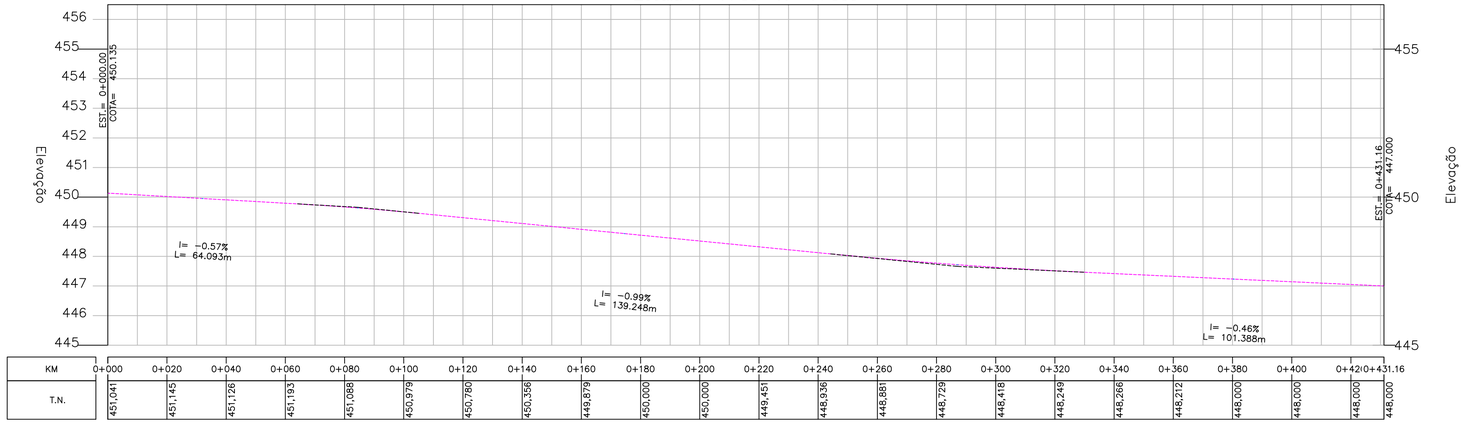
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54



Trecho - 04

Escala V = 1 / 50 H = 1 / 500



KM	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+431,16
T.N.	451,041	451,145	451,126	451,193	451,088	450,979	450,780	450,356	449,879	450,000	450,000	449,451	448,936	448,881	448,729	448,418	448,249	448,286	448,212	448,000	448,000	448,000	448,000

LEGENDAS

- COTAS DO LEITO DO RIO
- ÁREA DE LIMPEZA DE RIO

ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

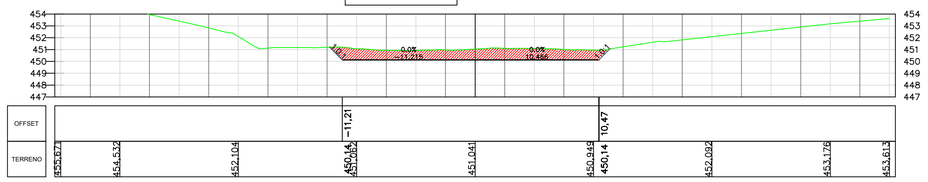
PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
PROJETO DE PAVIMENTAÇÃO	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL: 64.254,01 m³	ESCALA: 1/1000	DATA: JUNHO 2026	FOLHA: 01/01

RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

CONTRATANTE:
ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

Km - 0+000



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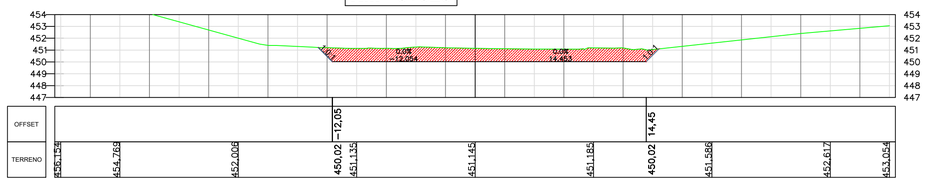
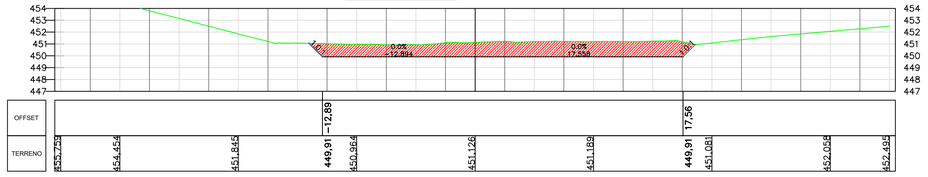


Km - 0+040



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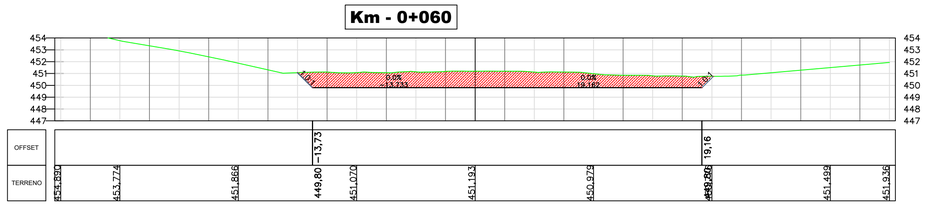
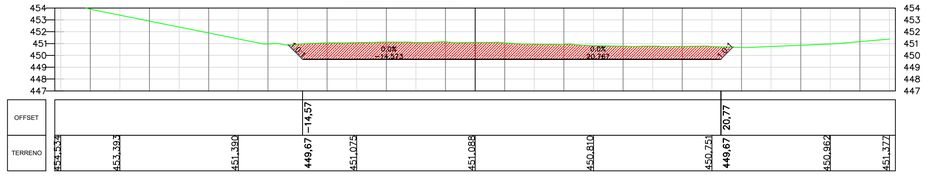


Km - 0+080



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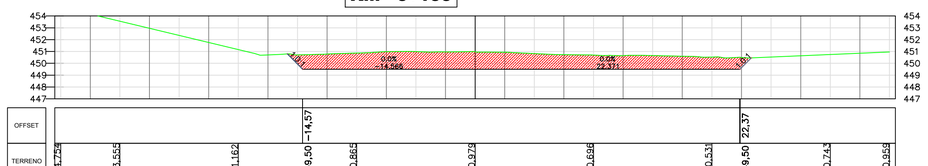

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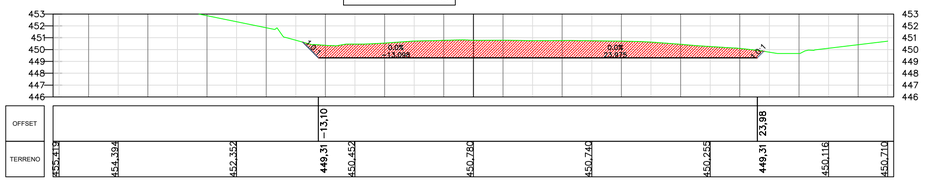
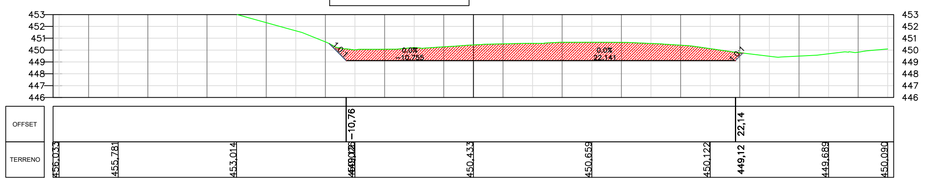


Km - 0+138,57



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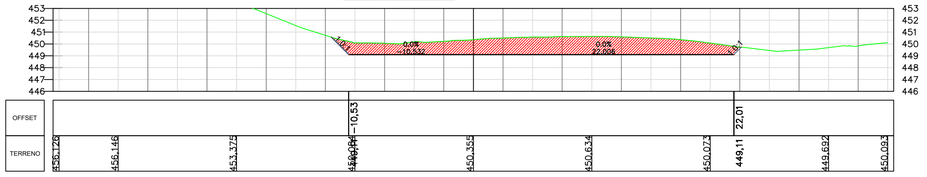

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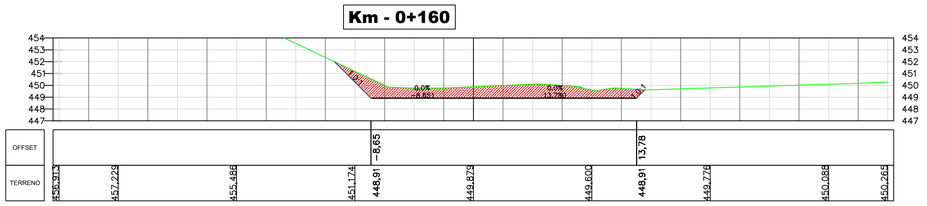

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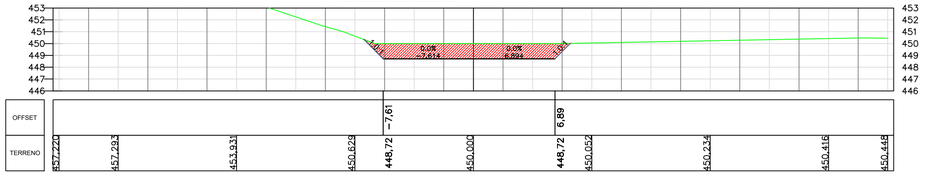
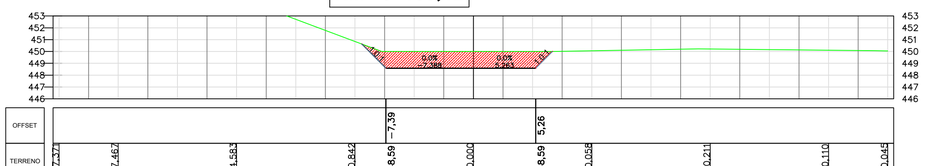


Km - 0+193,12



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL: 64.254,01 m³	ESCALA: 1/1000	DATA: JUNHO 2026	FOLHA: 01/03

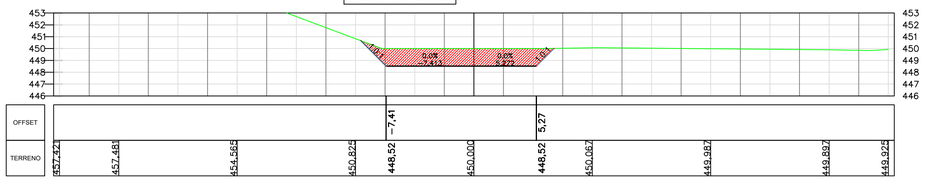
RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850729913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850729913
Dados: 2026.06.01 12:28:13 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

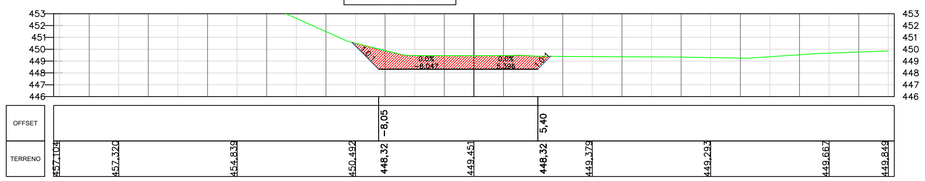
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

Km - 0+200



Km - 0+220



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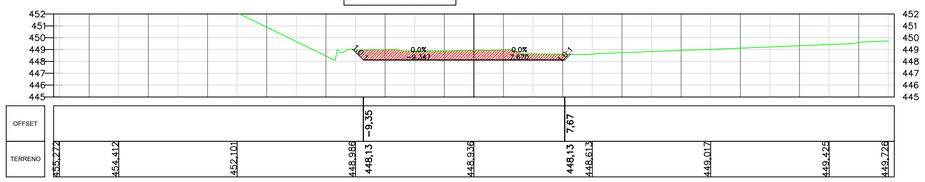

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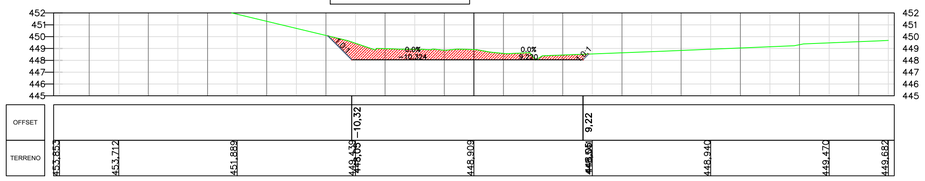

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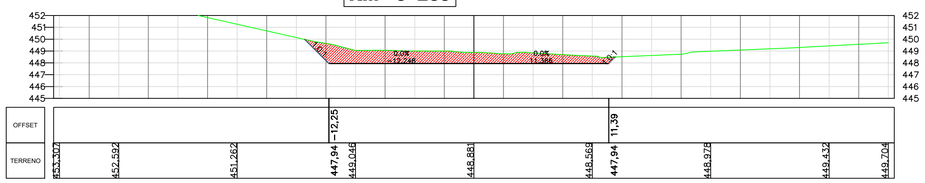
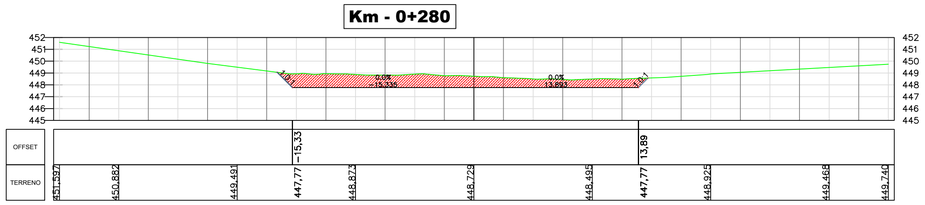


Km - 0+280



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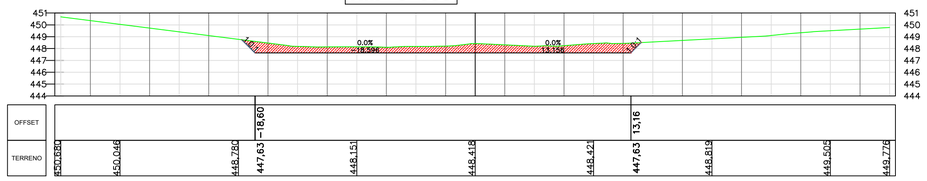

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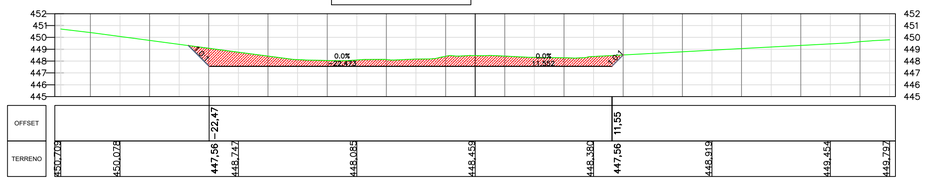
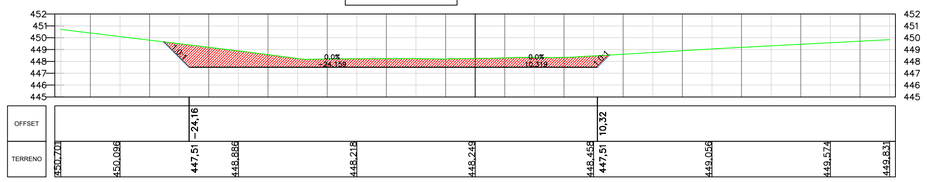


Km - 0+320



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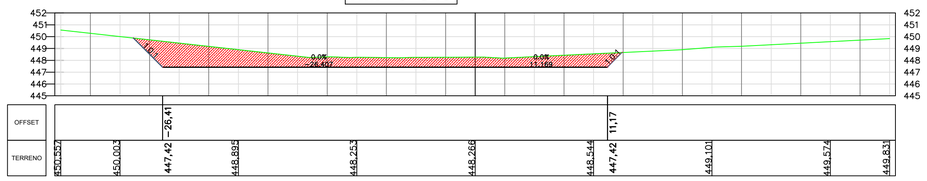
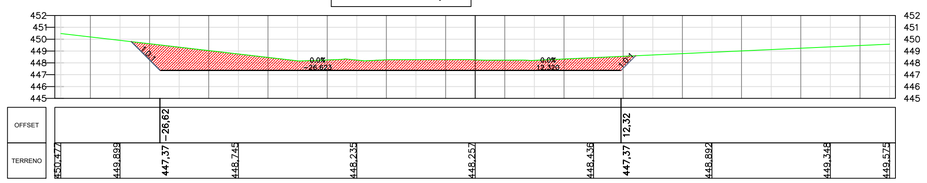
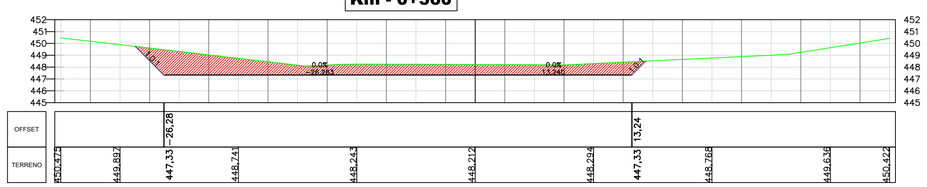


Km - 0+350,74



Km - 0+360



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

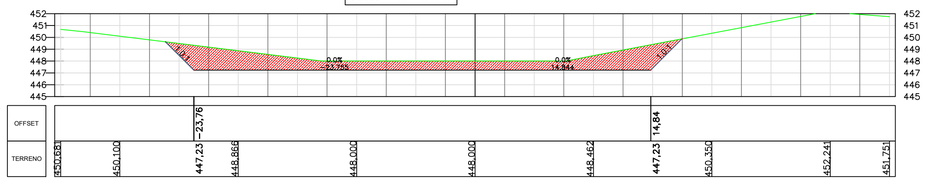
PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL: 64.254,01 m³	ESCALA: 1/1000	DATA: JUNHO 2026	FOLHA: 02/03

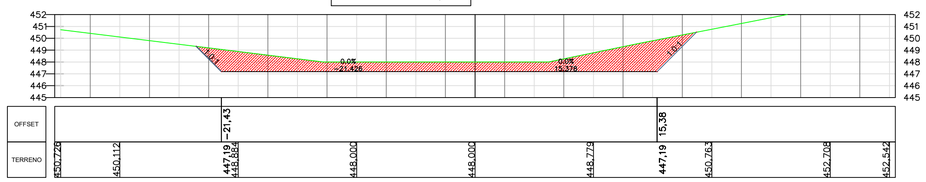
RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=RFB e CPF A1, ou=EM BRANCO, ou=09850720913, cn=NATHAN RICARDO LUIZ:09850720913
Razão: Eu sou o autor deste documento
Local: 2026.04.17 13:01:10-03'00'
NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

CONTRATANTE:
ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

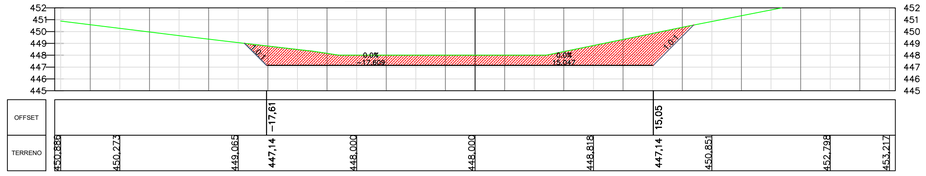
Km - 0+380



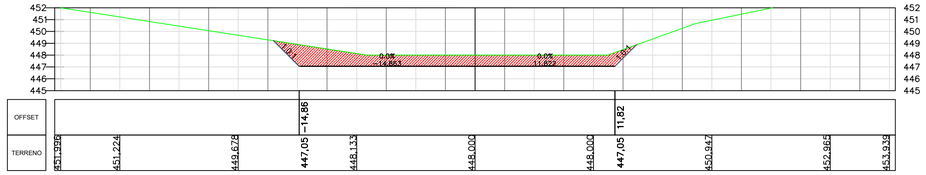
Km - 0+389,93



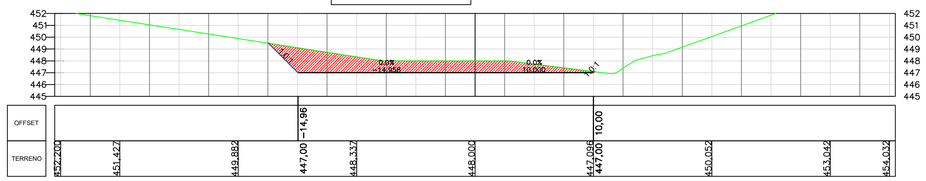
Km - 0+400



Km - 0+420



Km - 0+431,16



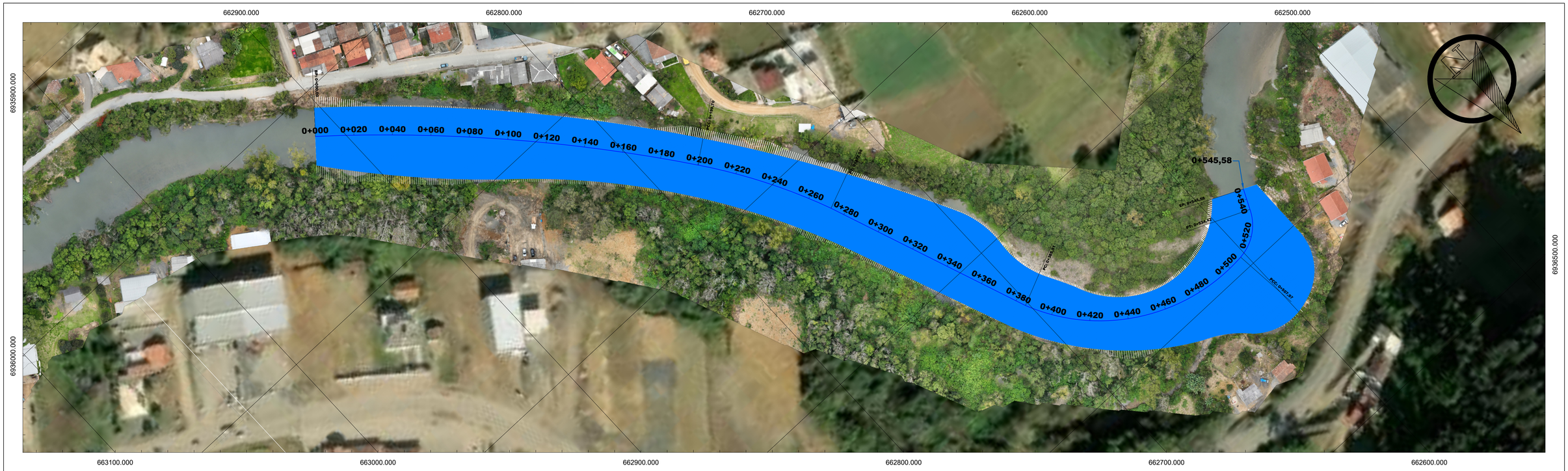
ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	03/03

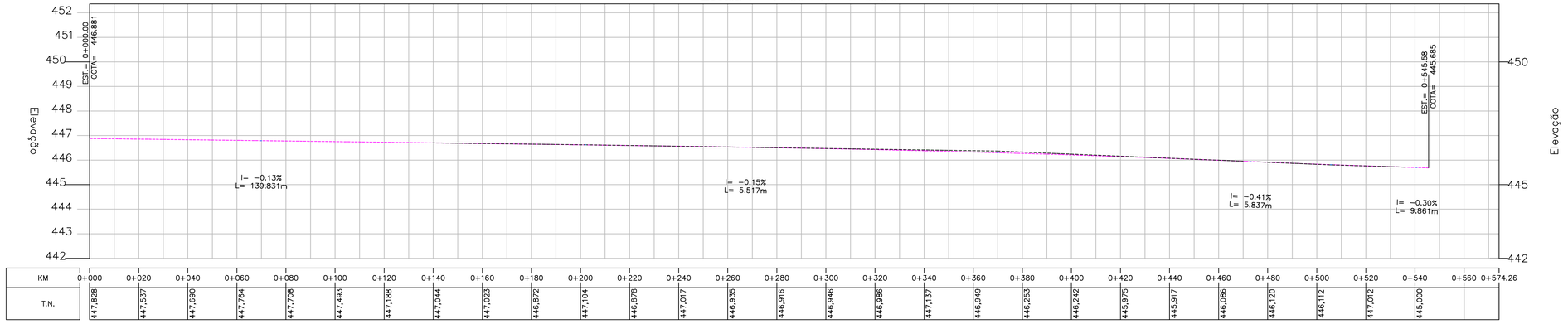
RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
Dados: 2026.04.21 15:39:13 -03'00'
NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

CONTRATANTE:
ALFREDO WAGNER
CNPJ: 83.102.608/0001-54



Trecho - 05

Escala V = 1 / 50 H = 1 / 500



KM	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+460	0+480	0+500	0+520	0+540	0+560	0+574,26
T.N.	447,828	447,537	447,690	447,764	447,708	447,493	447,188	447,044	447,023	446,872	447,104	446,878	447,017	446,935	446,916	446,946	446,986	447,137	446,949	446,253	446,242	445,975	445,917	446,086	446,120	446,112	447,012	445,000		

LEGENDAS

- COTAS DO LEITO DO RIO
- ÁREA DE LIMPEZA DE RIO

ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

N&S ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
PROJETO DE LIMPEZA DE RIO	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	01/01

RESPONSÁVEL TÉCNICO:

NATHAN RICARDO LUIZ:09850720913

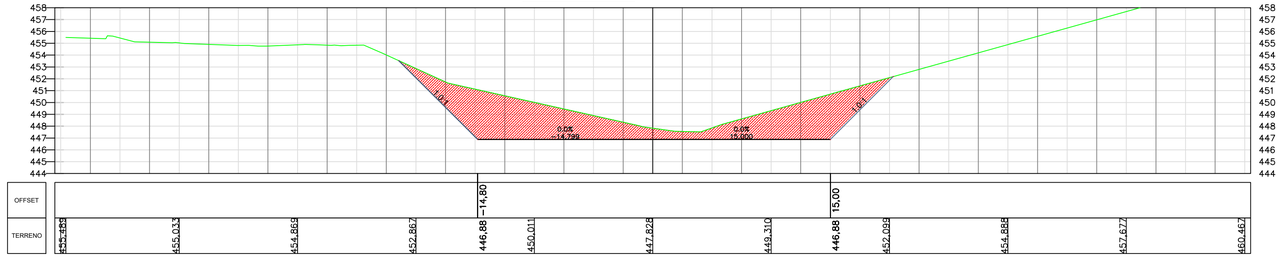
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
Dados: 2026.02.27 09:48:16 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

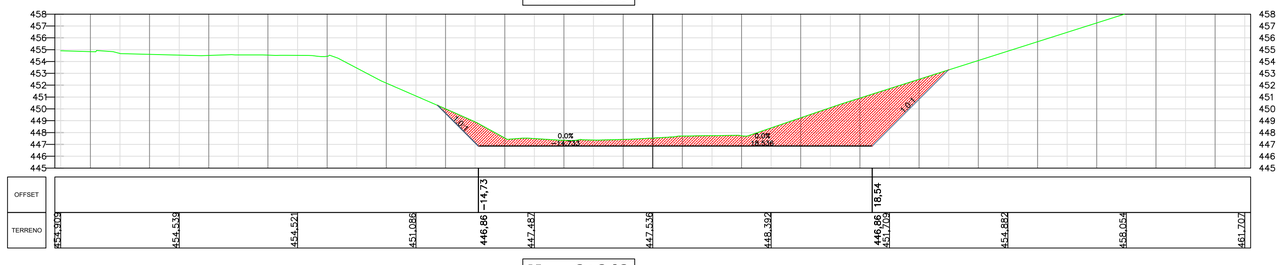
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

Km - 0+000



Km - 0+020



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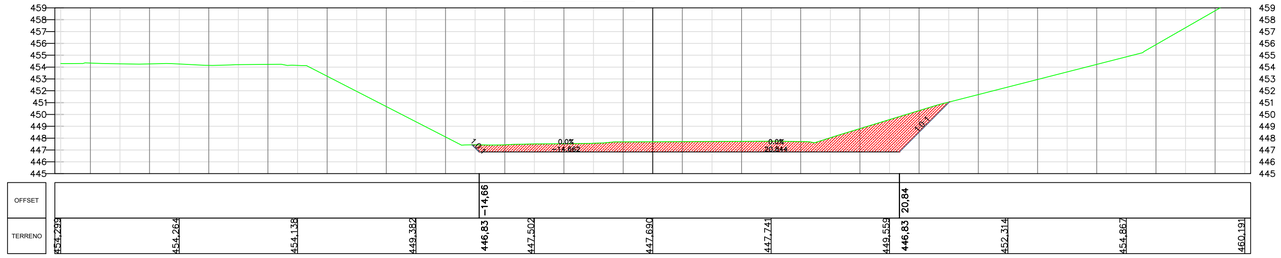
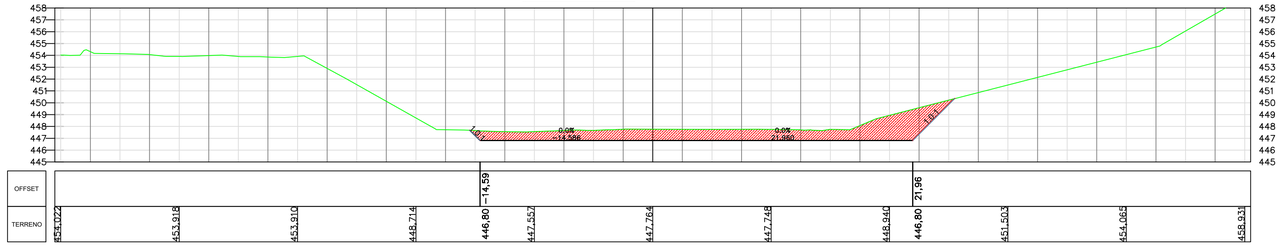
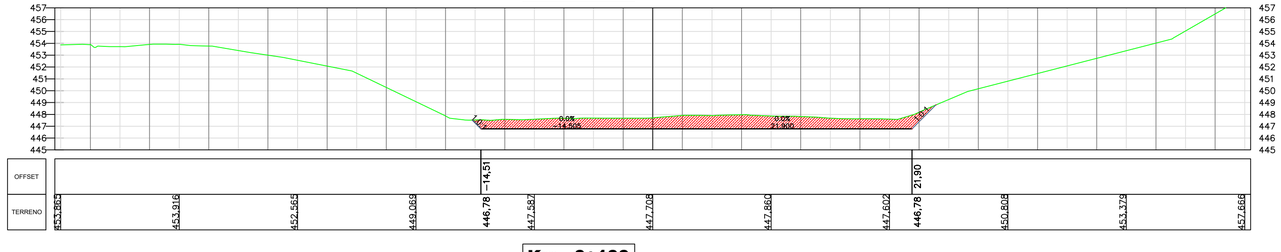


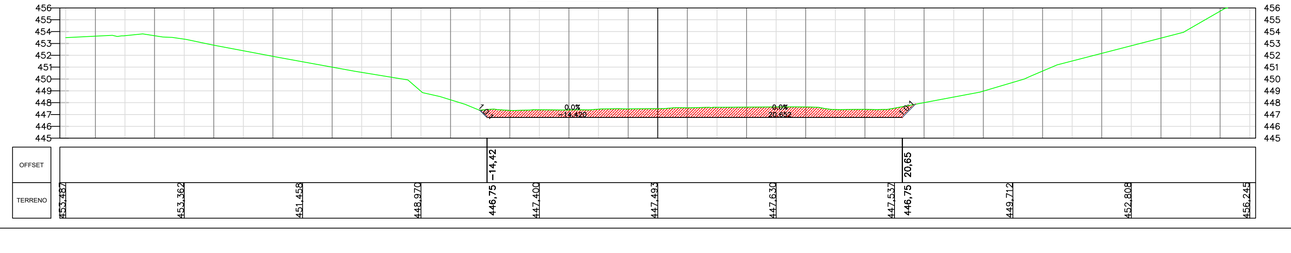
Km - 0+060



Km - 0+080



Km - 0+100



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

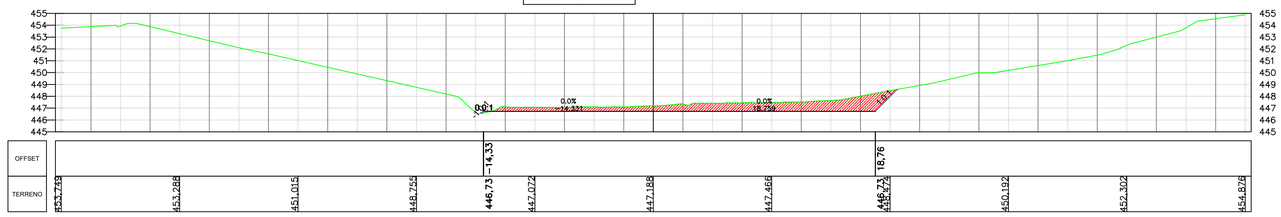
PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	01/06

RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
Dados: 2026.04.28 13:26:15 -03'00'
NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

CONTRATANTE:
ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

Km - 0+120



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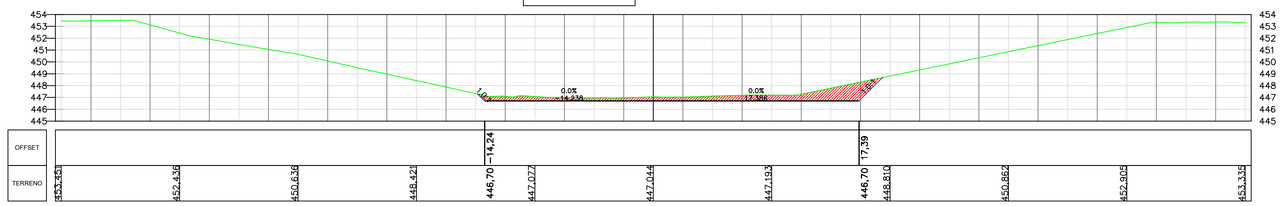

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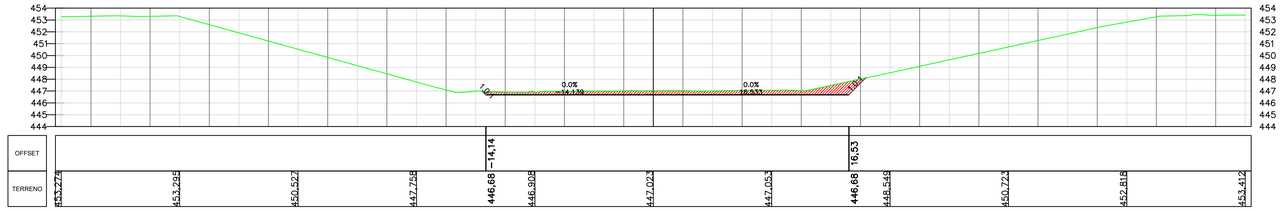
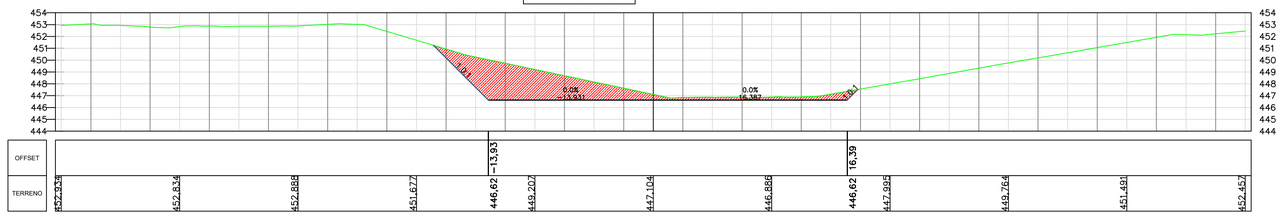


Km - 0+180

Km - 0+200



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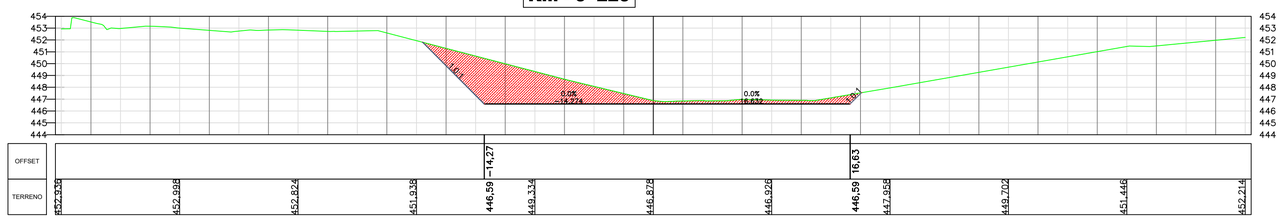


ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL: 64.254,01 m³	ESCALA: 1/1000	DATA: JUNHO 2026	FOLHA: 02/06

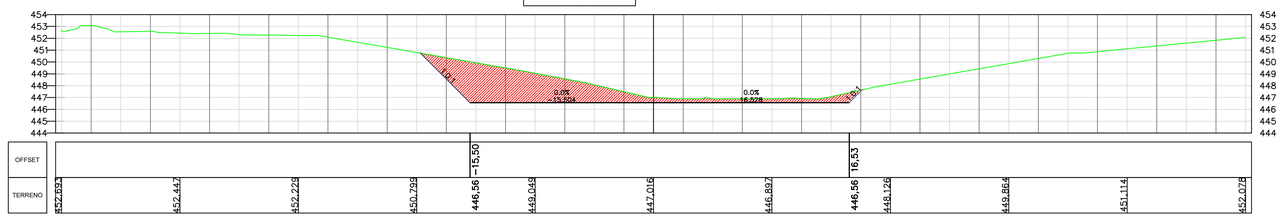
RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=RFB e CPF A1, ou=[illegible], cn=NATHAN RICARDO LUIZ:09850720913
Razão: [illegible]
Data: 2026.05.11 09:15:10 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

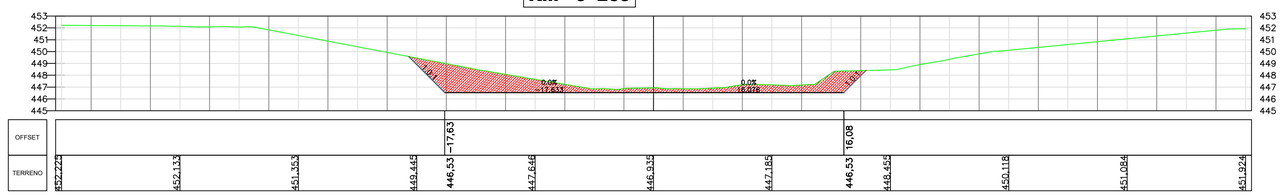
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

Km - 0+240



Km - 0+260



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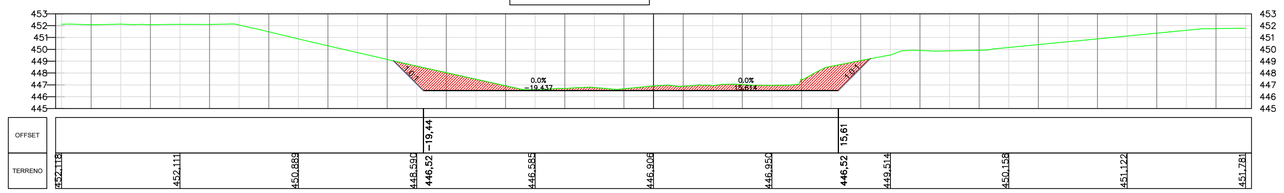
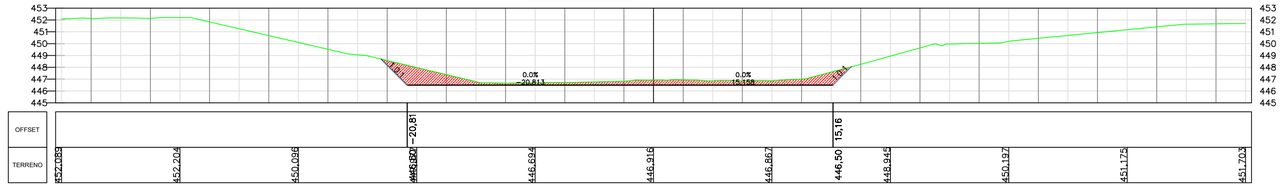
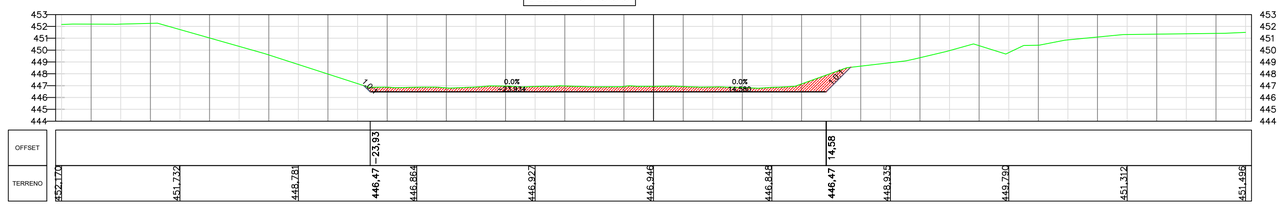


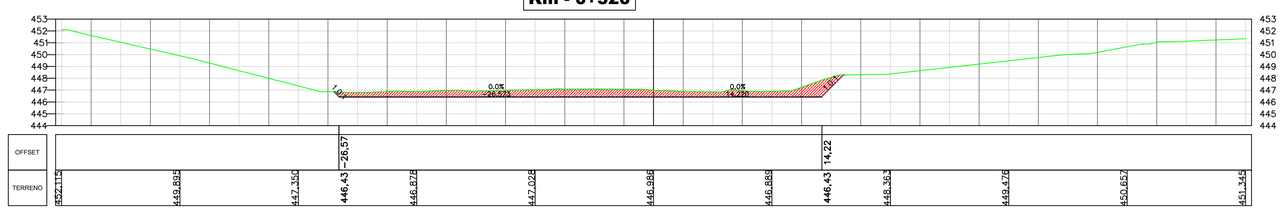
Km - 0+280



Km - 0+300



Km - 0+320



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.

VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	03/06

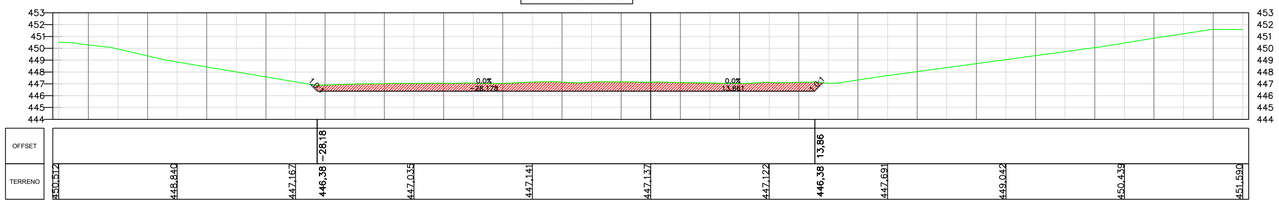
RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=AC SOLUTI Multipla, ou=AR CERTISIGN RFB G5, ou=09850720913, cn=NATHAN RICARDO LUIZ:09850720913
Razão: Eu sou o autor deste documento
Local: 2026.06.19 11:29:15 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

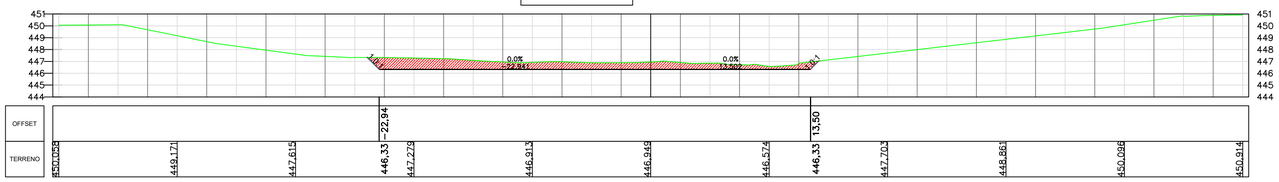
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

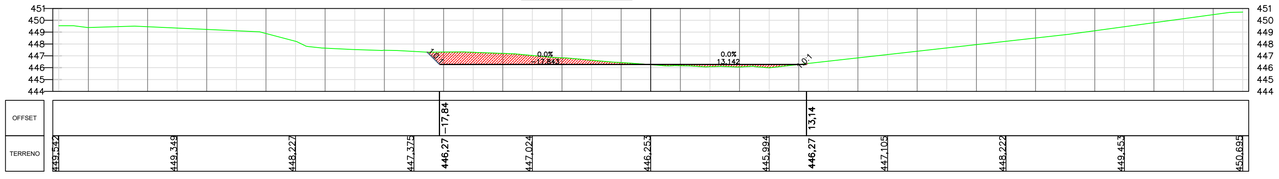
Km - 0+340



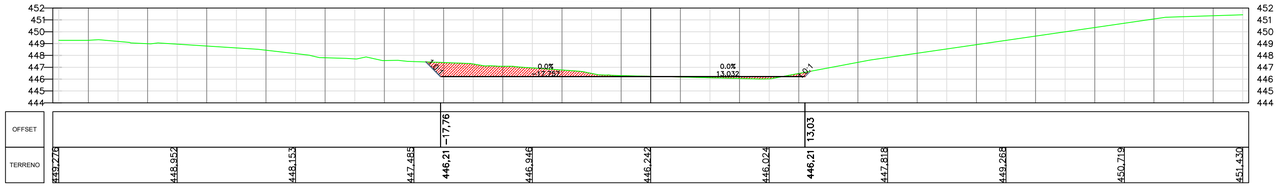
Km - 0+360



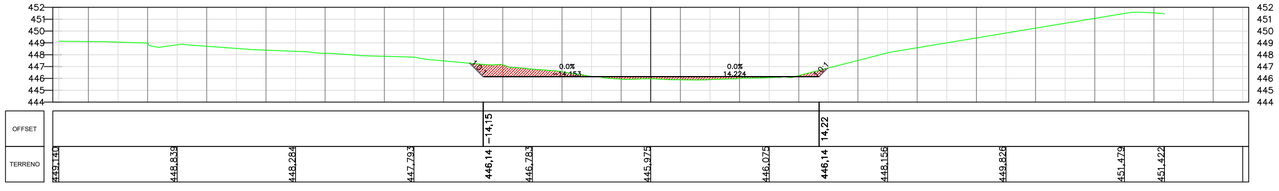
Km - 0+380



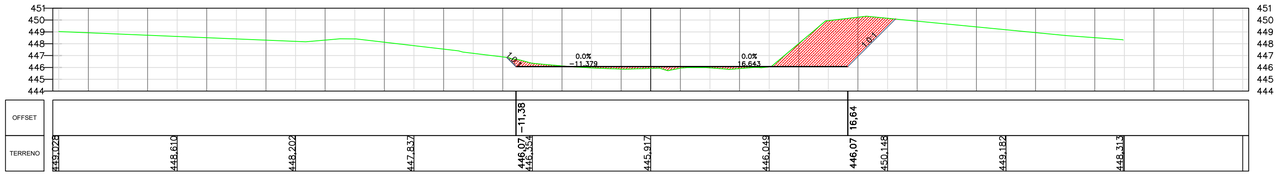
Km - 0+400



Km - 0+420



Km - 0+440



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.

VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	04/06

RESPONSÁVEL TÉCNICO:

NATHAN RICARDO LUIZ:09850720913

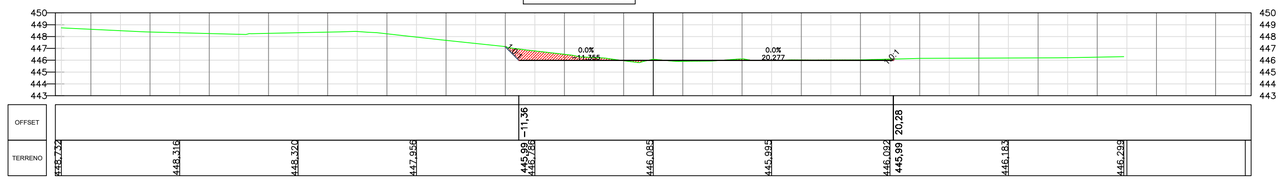
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
Dados: 2026.06.11 09:51:10 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

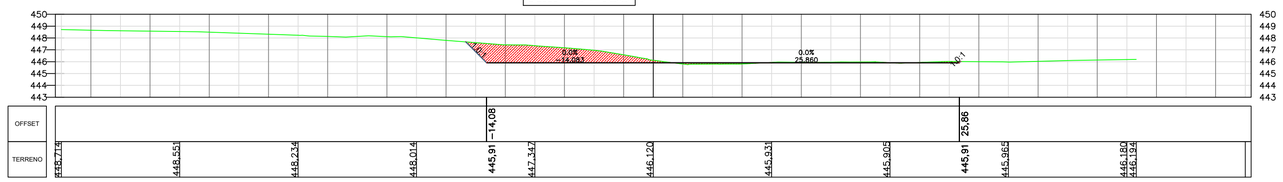
CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

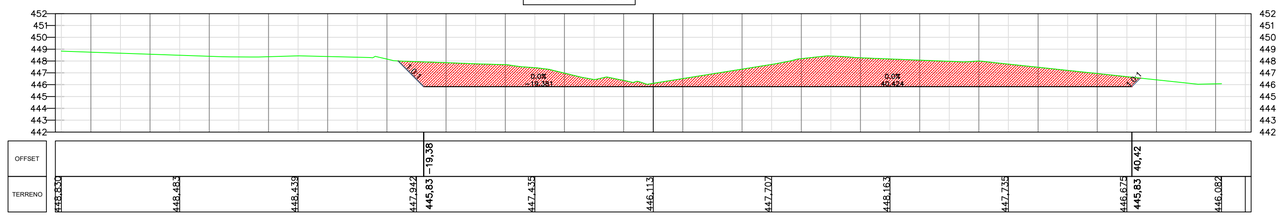
Km - 0+460



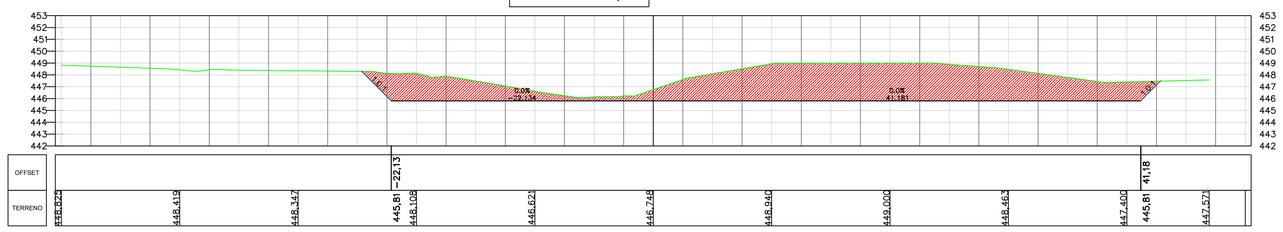
Km - 0+480



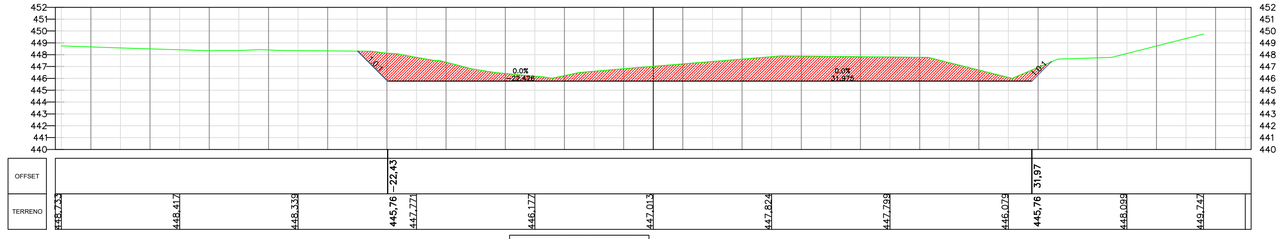
Km - 0+500



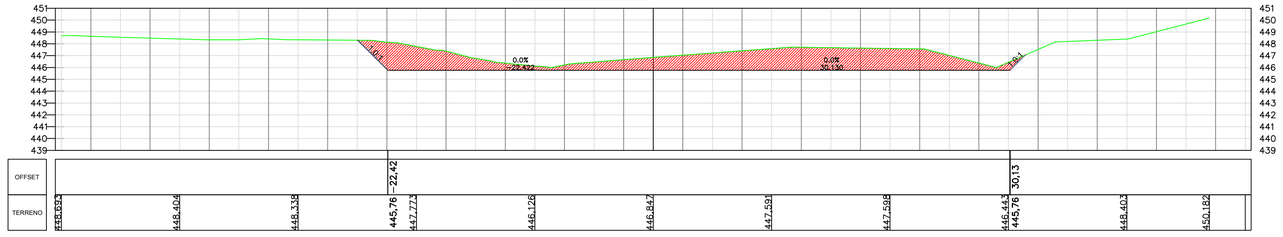
Km - 0+507,97



Km - 0+520



Km - 0+521,19



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

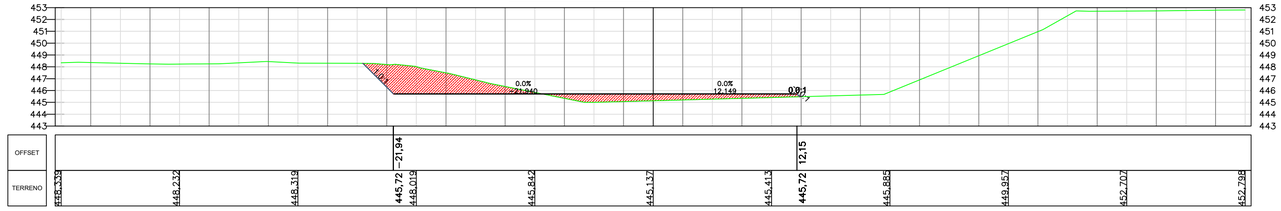
PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:	CONTEÚDO:		
SEÇÕES TRANSVERSAIS	ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.		
VOLUME TOTAL: 64.254,01 m³	ESCALA: 1/1000	DATA: JUNHO 2026	FOLHA: 05/06

RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Estado de Santa Catarina ser.fin@acs.MOEDA CORRENTE CERTO
Dados: 2026.06.11 13:51:33 -03'00'
NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

CONTRATANTE:
ALFREDO WAGNER
CNPJ: 83.102.608/0001-54

Km - 0+534,42



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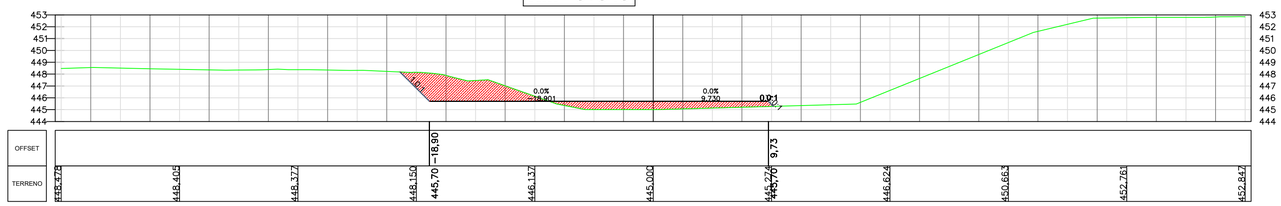
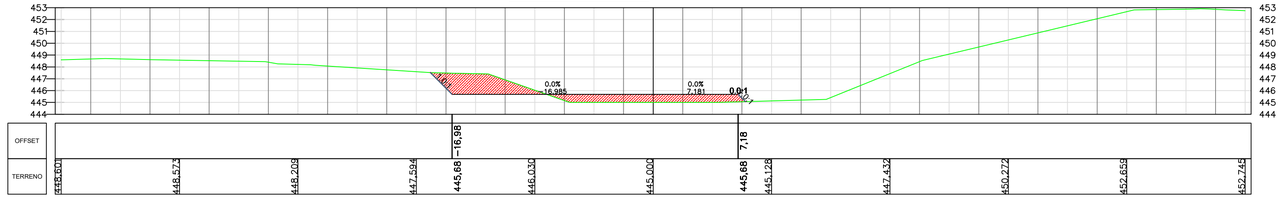


Km - 0+545,58



ESTADO DE SANTA CATARINA
MUNICÍPIO DE ALFREDO WAGNER
SECRETARIA DE PLANEJAMENTO

INOVIAS ENGENHARIA

PROJETO BÁSICO EXECUTIVO DE ENGENHARIA DE INFRAESTRUTURA URBANA
RIO ITAJAÍ SUL - TRECHO-02

DESCRIÇÃO:		CONTEÚDO:	
SEÇÕES TRANSVERSAIS		ALINHAMENTO HORIZONTAL, TRAÇADO GEOMÉTRICO, PERFIL LONGITUDINAL, ALINHAMENTO VERTICAL, CURVAS VERTICAIS E HORIZONTAIS.	
VOLUME TOTAL:	ESCALA:	DATA:	FOLHA:
64.254,01 m³	1/1000	JUNHO 2026	06/06

RESPONSÁVEL TÉCNICO:
NATHAN RICARDO LUIZ:09850720913
Assinado de forma digital por NATHAN RICARDO LUIZ:09850720913
Dados: 2026.06.25 11:29:15 -03'00'

NATHAN RICARDO LUIZ
ENG.CIVIL - CREA/SC: 174738-0

CONTRATANTE:

ALFREDO WAGNER
CNPJ: 83.102.608/0001-54