

UNIVERSIDAD AUTÓNOMA
JUAN MISAEL SARACHO
Tarija-Bolivia



MATERIA: PROYECTO DE INGENIERÍA CIVIL II (M. VÍAS)
ESTUDIO DE ALTERNATIVAS PARA LA PROTECCION DE
TALUDES DEL TRAMO SANTA ANA - YESERA NORTE EN
FUNCION AL FACTOR DE SEGURIDAD

ELABORADO POR:
FLORES IRIARTE JOSE ALEJANDRO

FIRMA

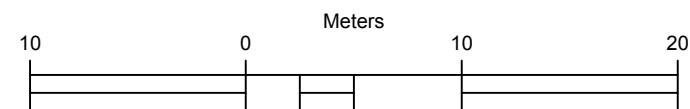
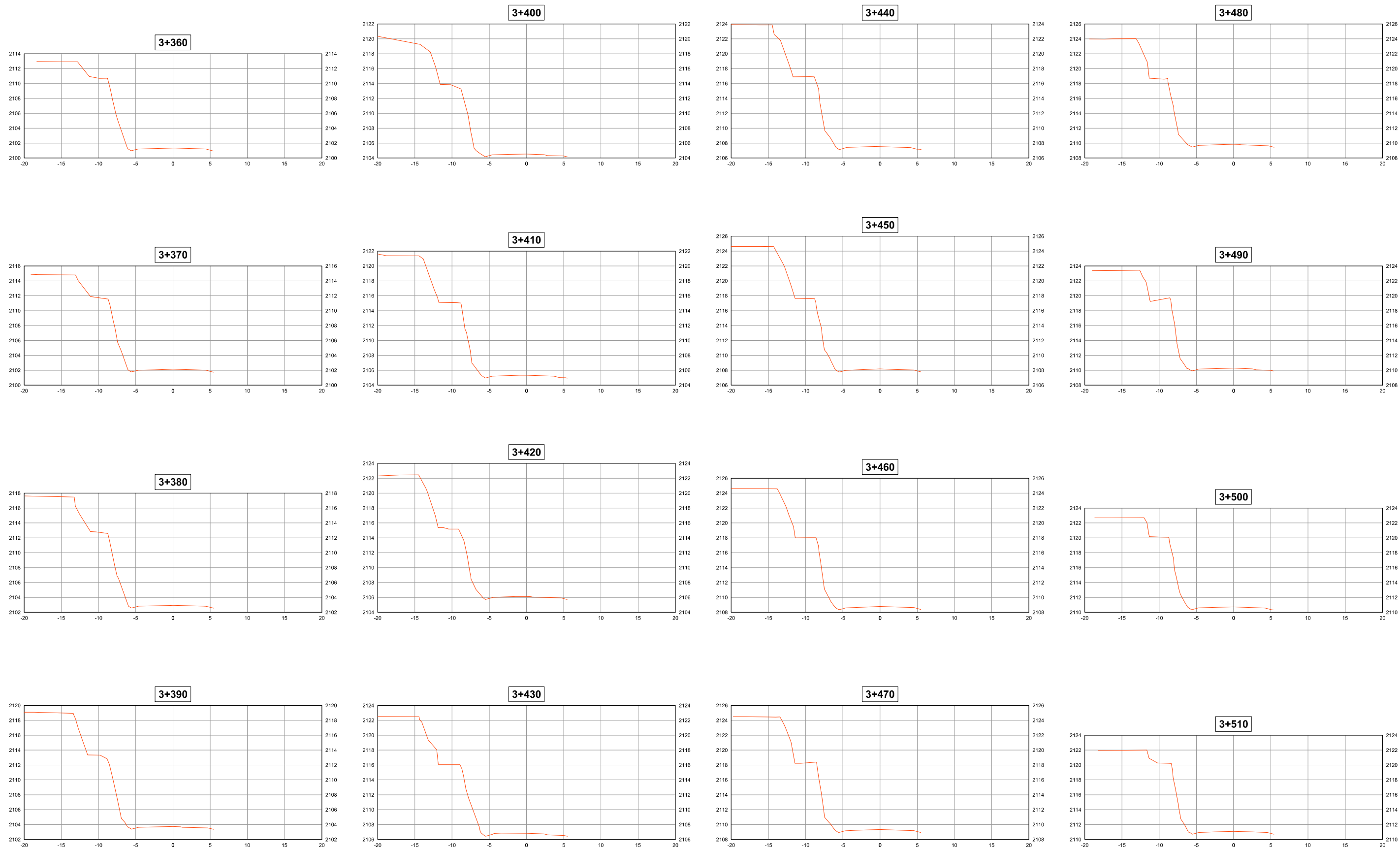
Firma del Docente

**CONTENIDO: SECCIONES TRANSVERSALES
TALUD 1**

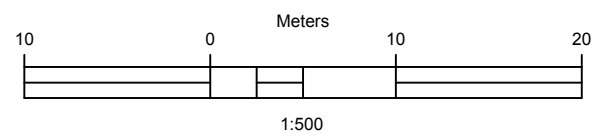
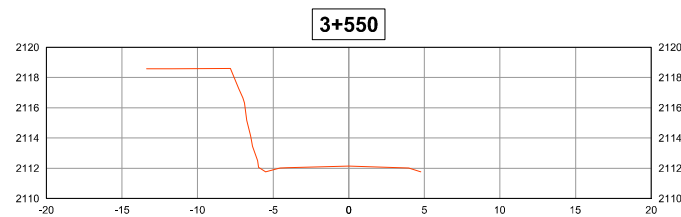
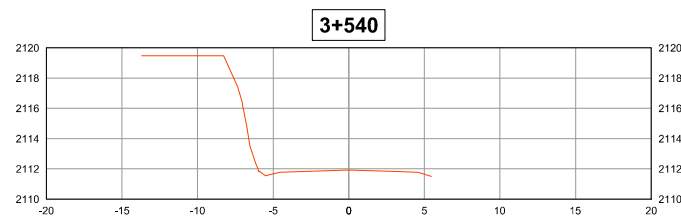
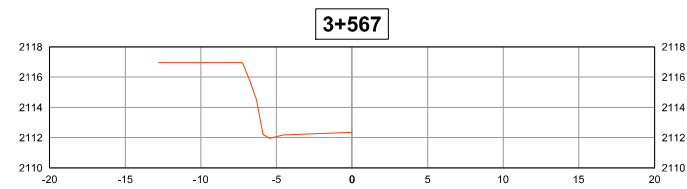
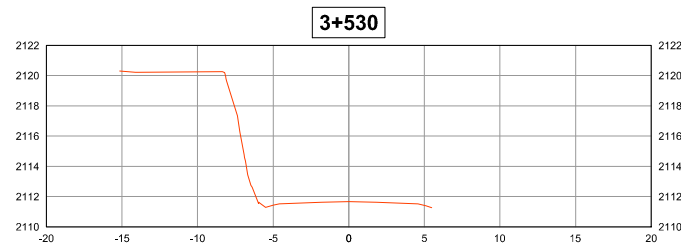
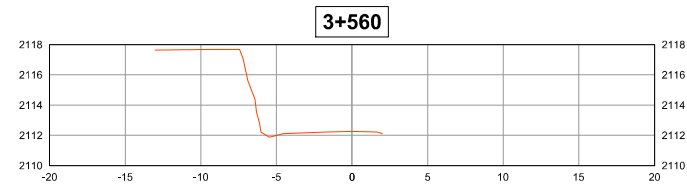
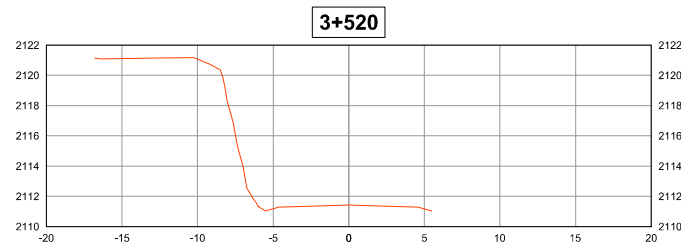
Escalas:
Escala Seccion: Indicada

Fecha :
DICIEMBRE - 2019
TARIJA - BOLIVIA

Lámina Nº
2/28



1:500



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FIRMA

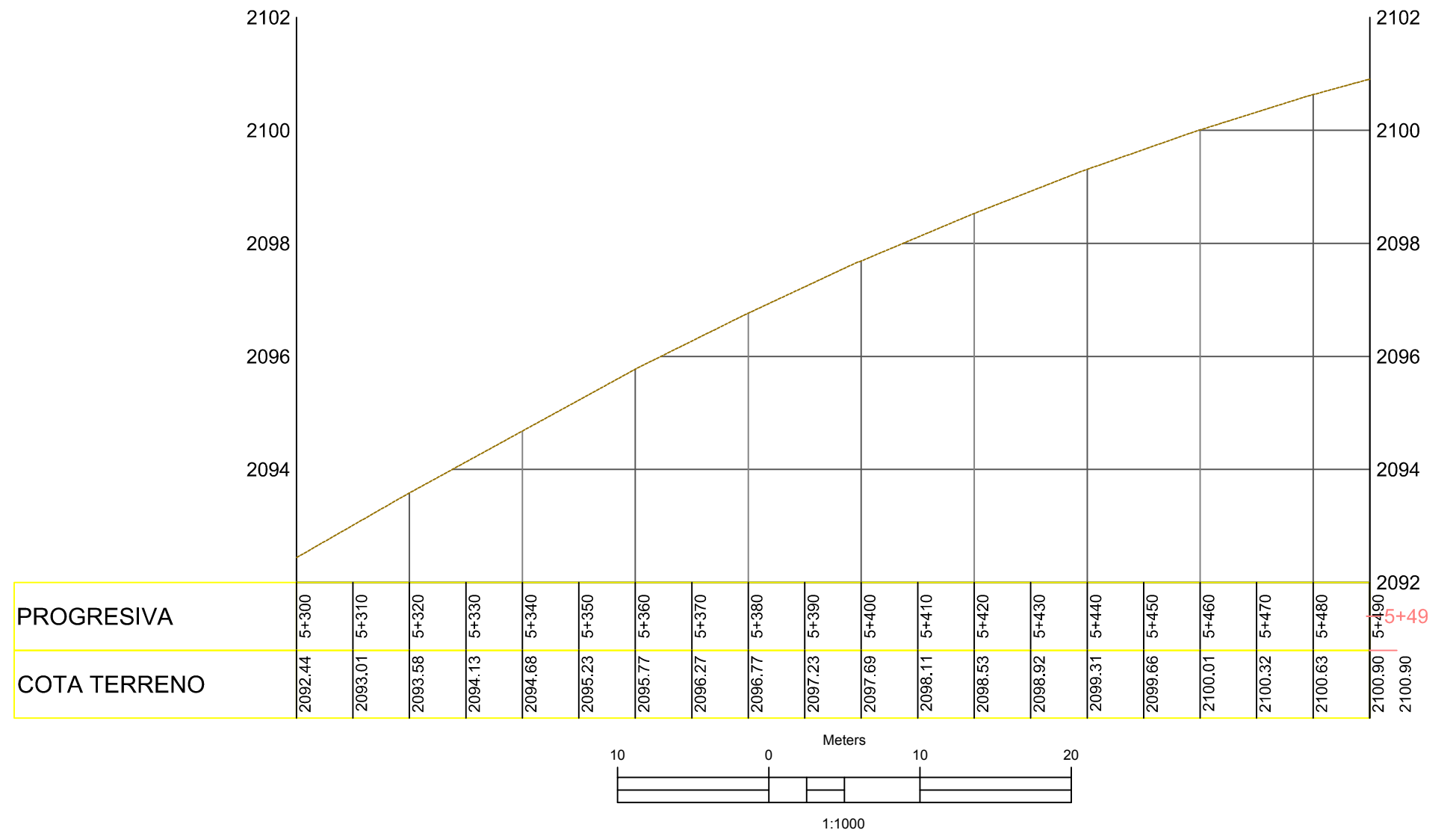
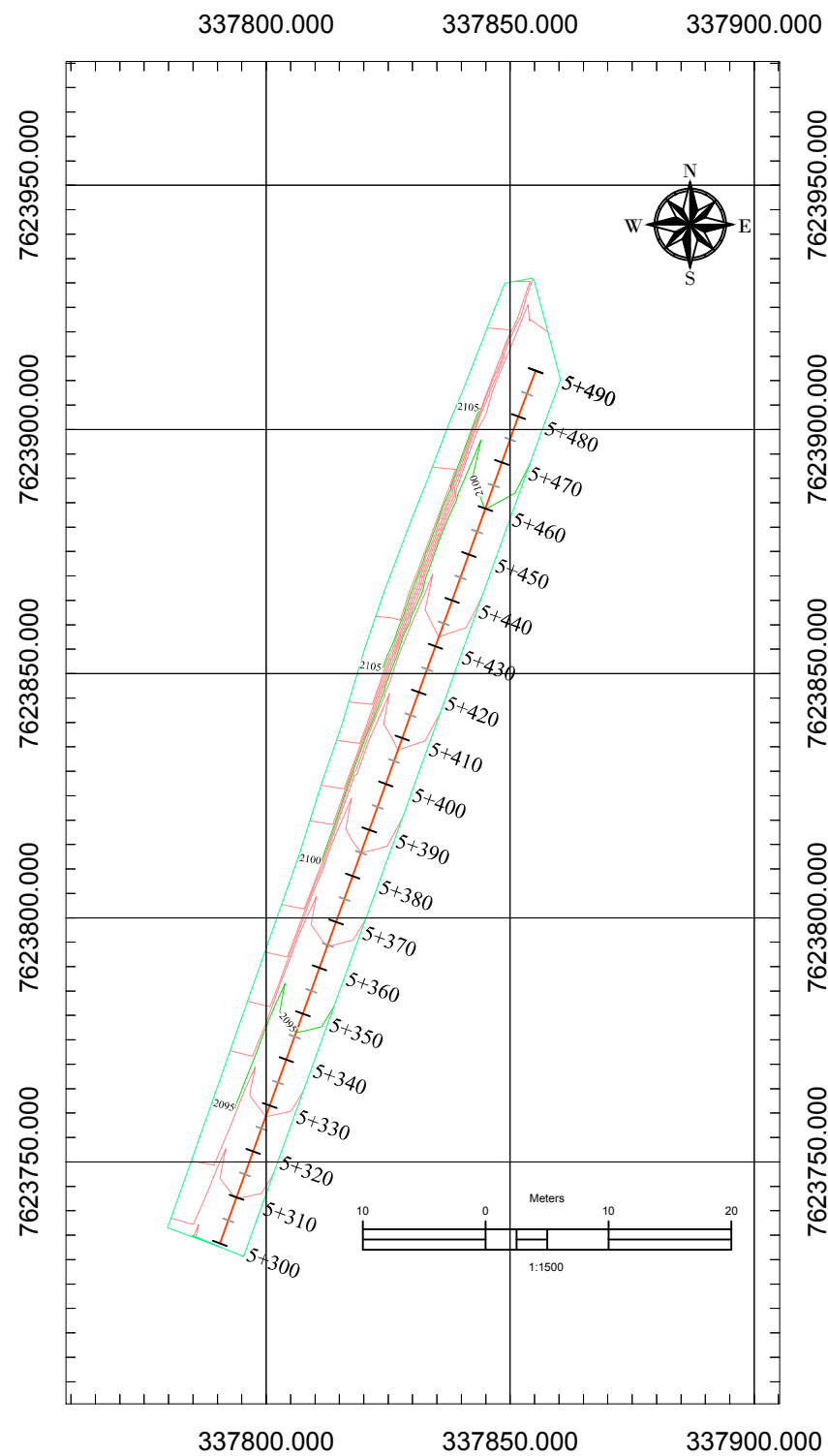
Firma del Docente

CONTENIDO: SECCIONES TRANSVERSALES TALUD 1

Escalas:
Escala Seccion: Indicada

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TARIJA - BOLIVIA

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4/28



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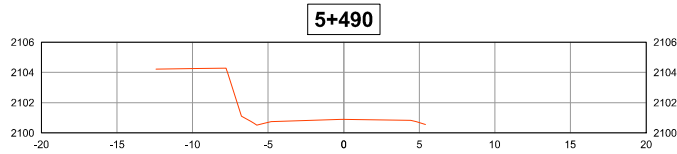
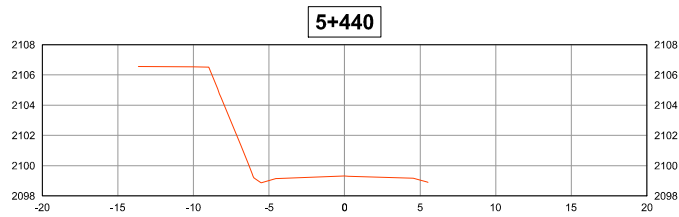
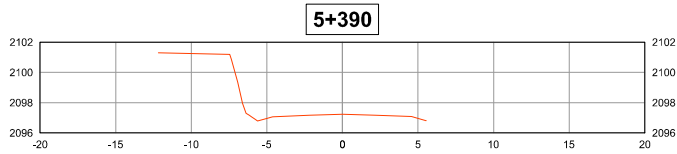
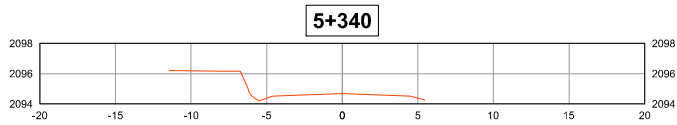
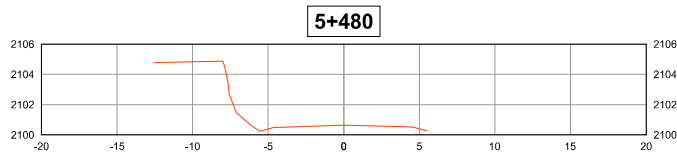
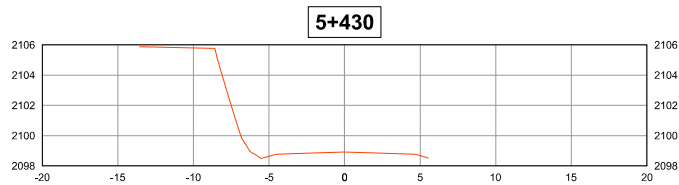
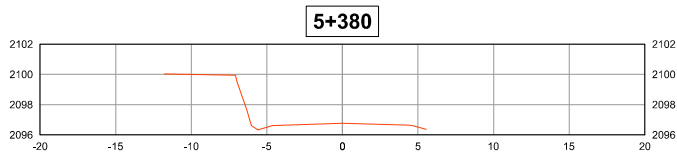
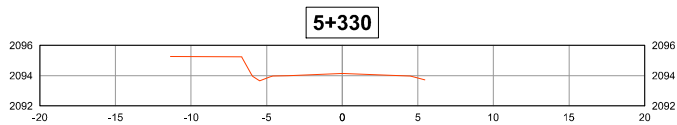
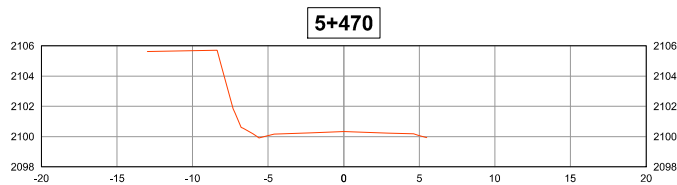
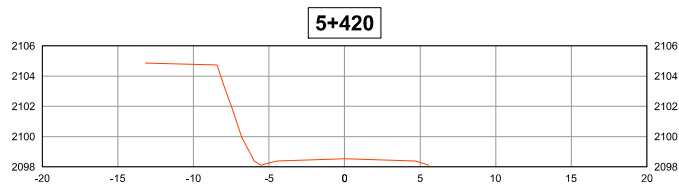
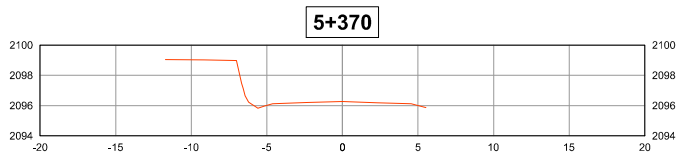
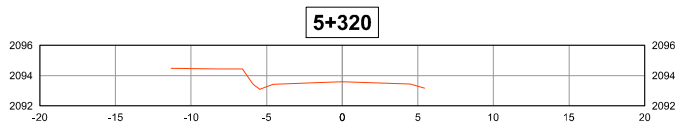
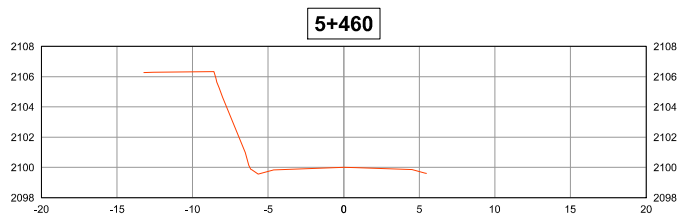
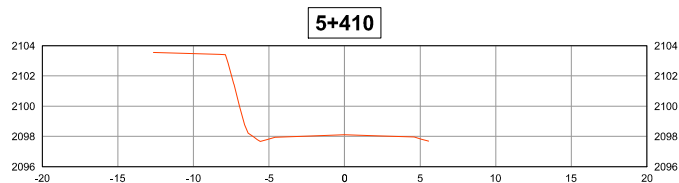
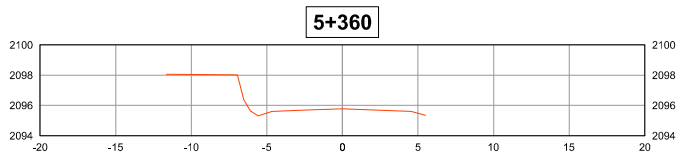
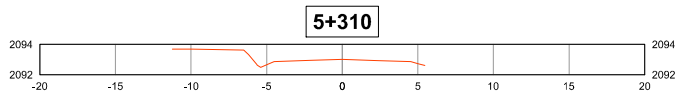
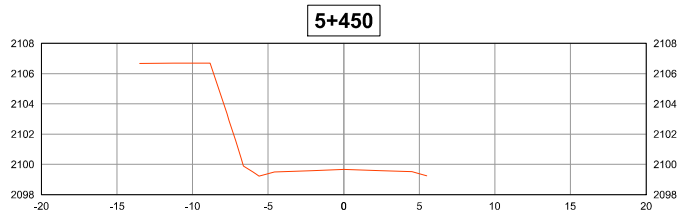
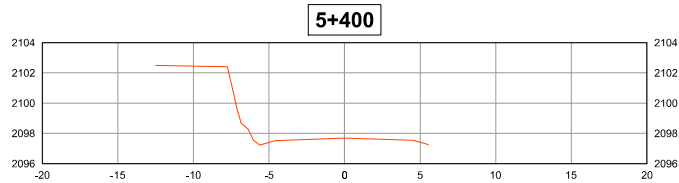
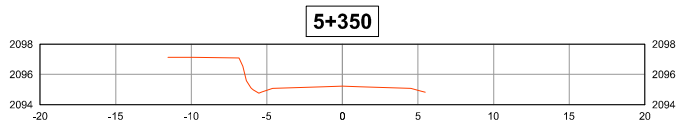
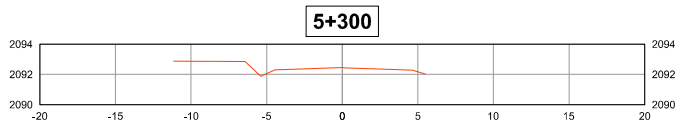
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FIRMA

Firma del Docente

**CONTENIDO: PLANO EN PLANTA Y PERFIL
LONGITUDINAL TALUD 2**
Escala Planta: Indicada
Escala Perfil: Indicada
Fecha: DICIEMBRE - 2019
TARIJA - BOLIVIA
Laminas Nº 5/28



1:500



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ELABORADO POR:

FIRMA

FLORES IRIARTE JOSE ALEJANDRO

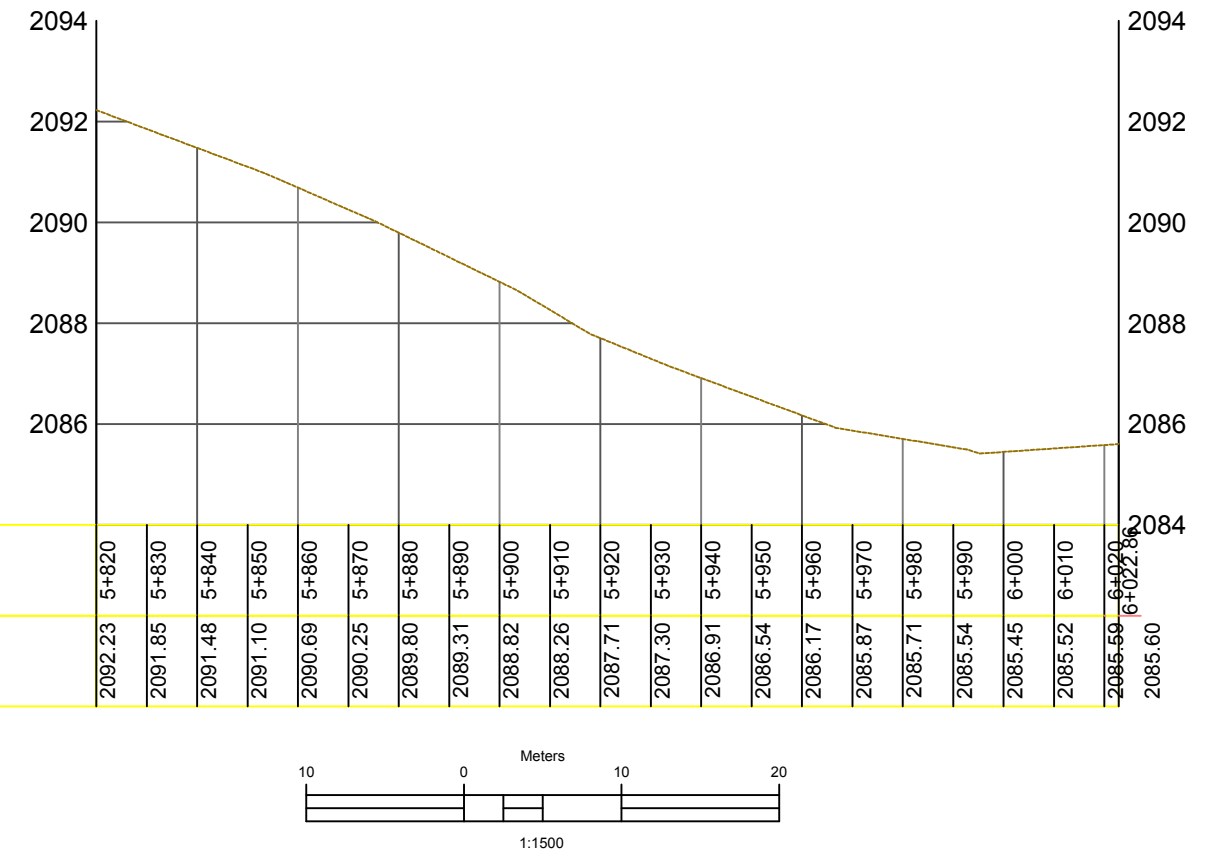
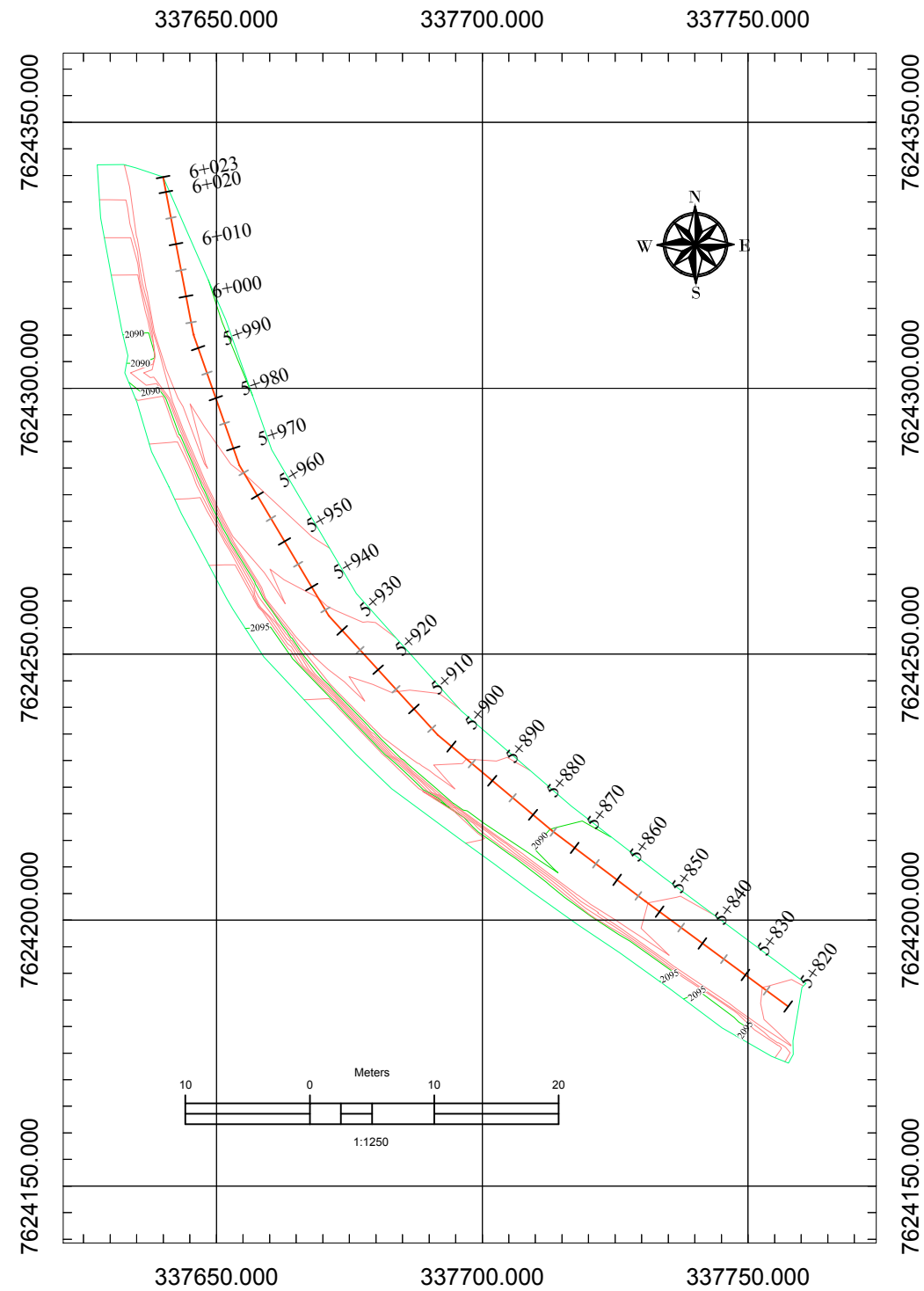
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**CONTENIDO: SECCIONES TRANSVERSALES
TALUD 2**

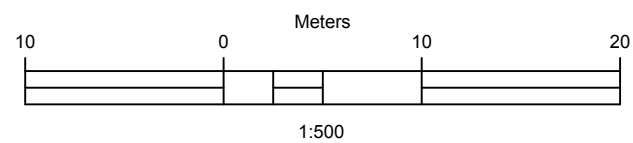
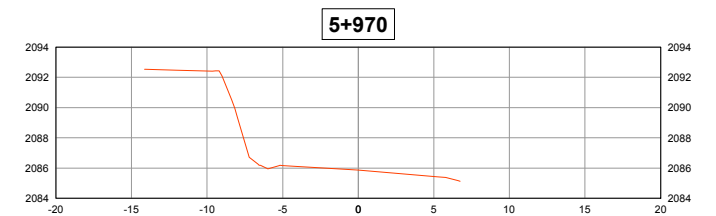
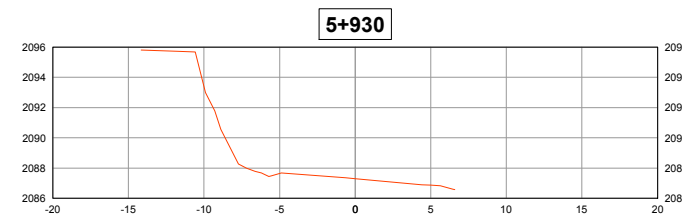
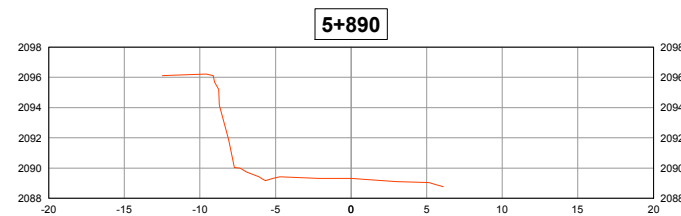
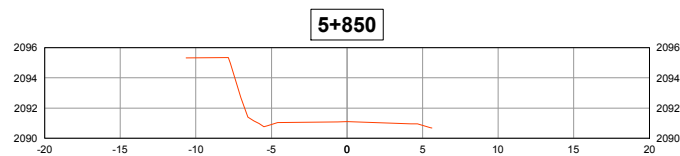
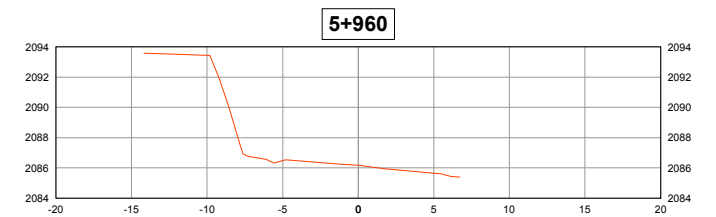
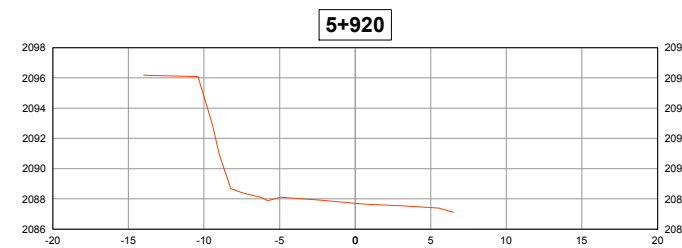
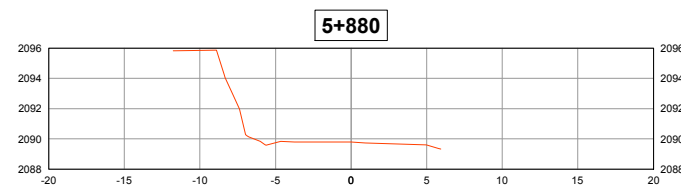
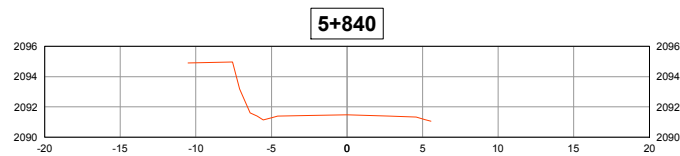
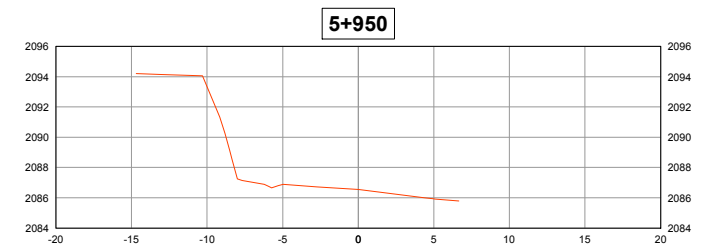
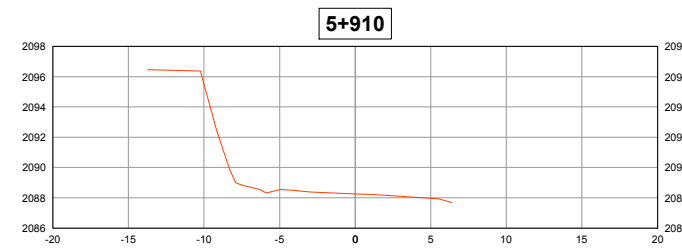
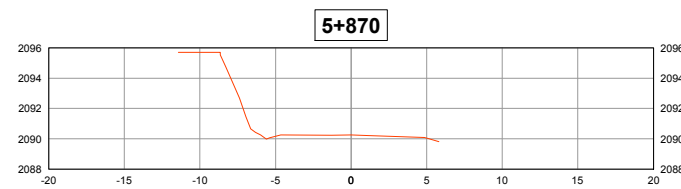
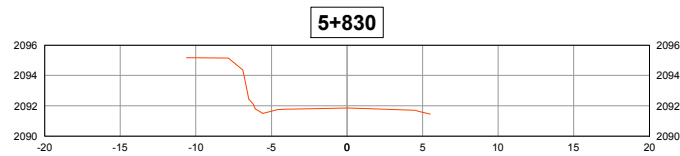
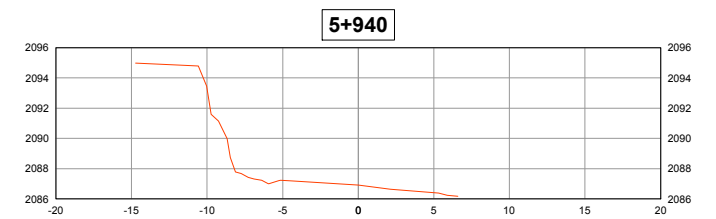
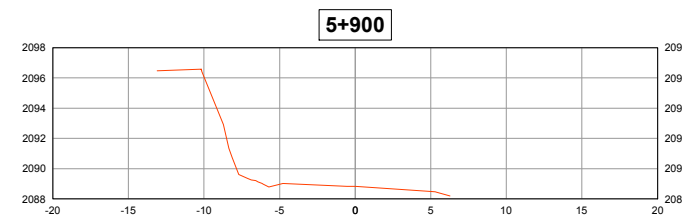
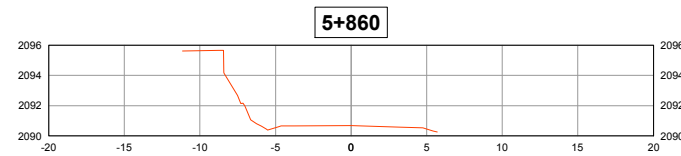
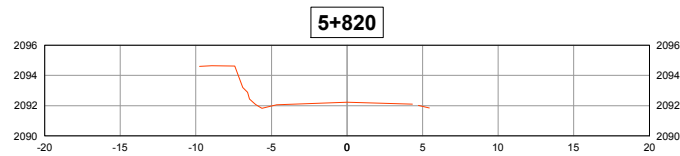
Escala: Escala Seccion: Indicada

Fecha: DICIEMBRE - 2019
TARIJA - BOLIVIA

Lámina No 6/28



PROGRESIVA	5+820	5+830	5+840	5+850	5+860	5+870	5+880	5+890	5+900	5+910	5+920	5+930	5+940	5+950	5+960	5+970	5+980	5+990	6+000	6+010	6+020	6+023
COTA TERRENO	2092.23	2091.85	2091.48	2091.10	2090.69	2090.25	2089.80	2089.31	2088.82	2088.26	2087.71	2087.30	2086.91	2086.54	2086.17	2085.87	2085.71	2085.54	2085.45	2085.52	2085.59	2085.60



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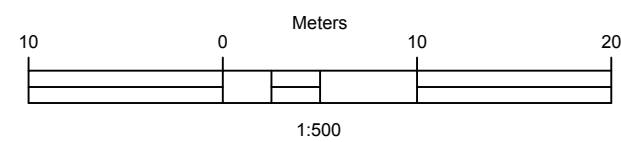
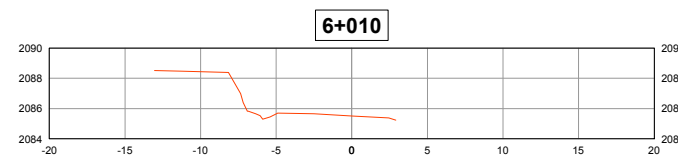
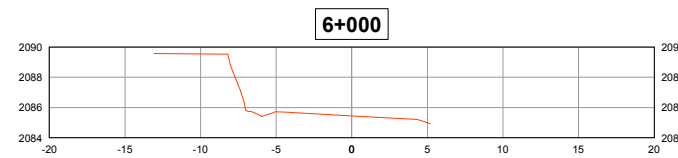
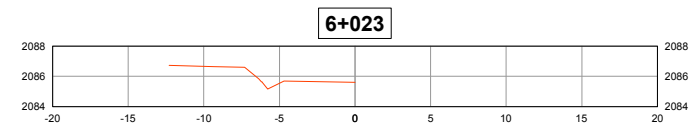
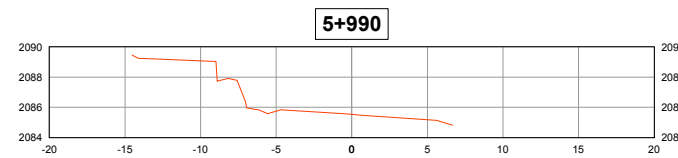
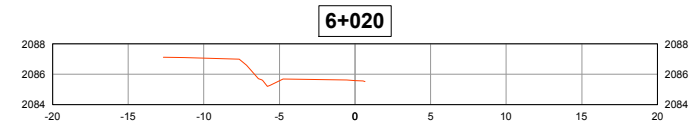
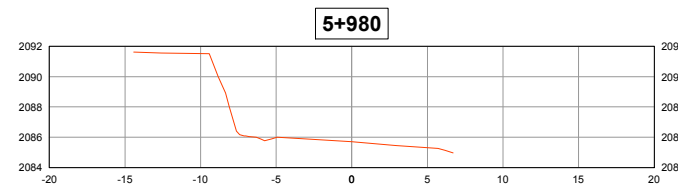
Firma del Docente

**CONTENIDO: SECCIONES TRANSVERSALES
TALUD 3**

Escalas:
Escala Seccion: Indicada

Fecha :
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Lámina No
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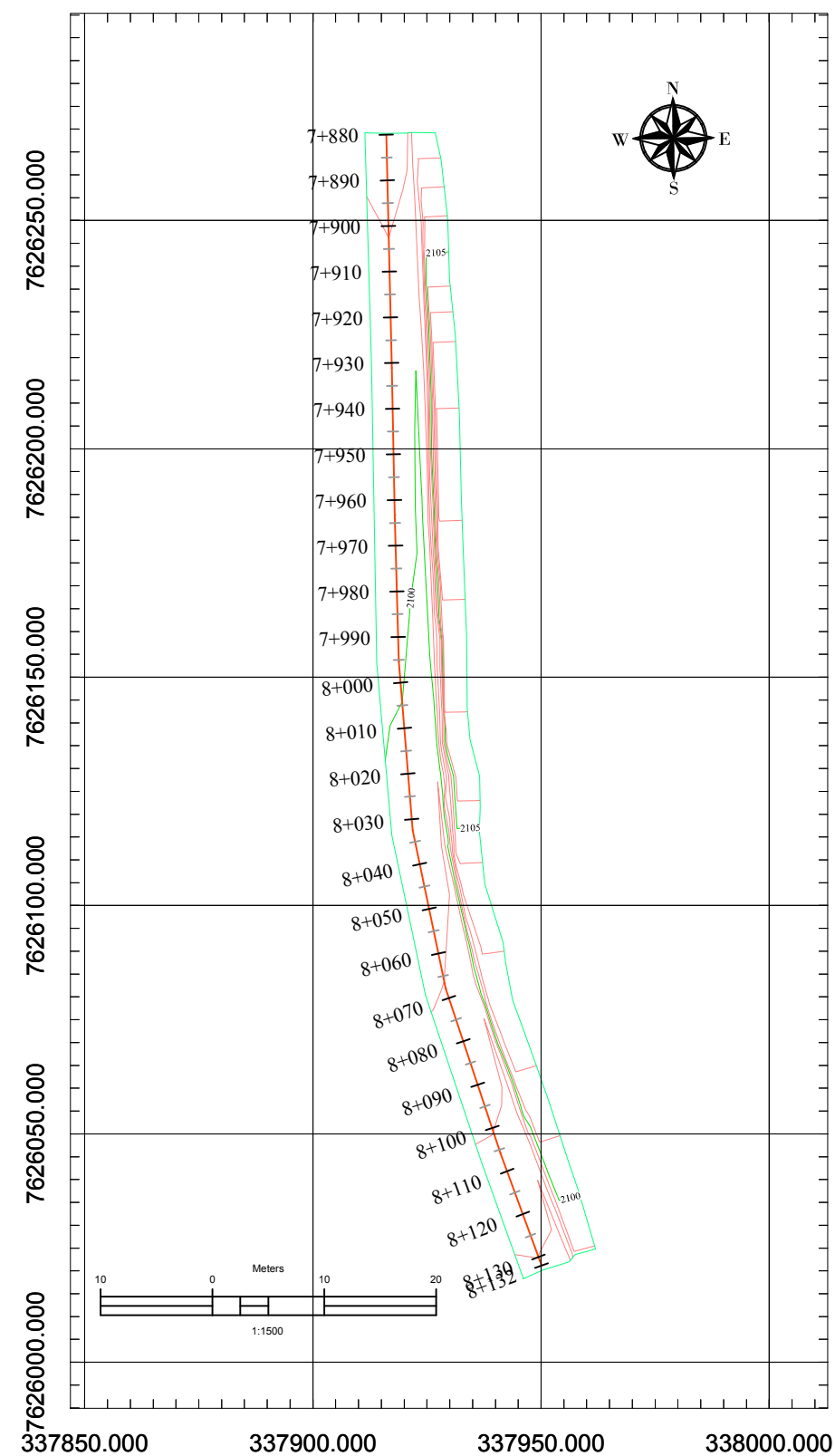
**CONTENIDO: SECCIONES TRANSVERSALES
TALUD 3**

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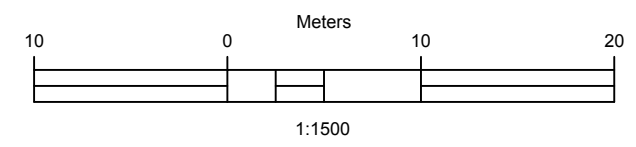
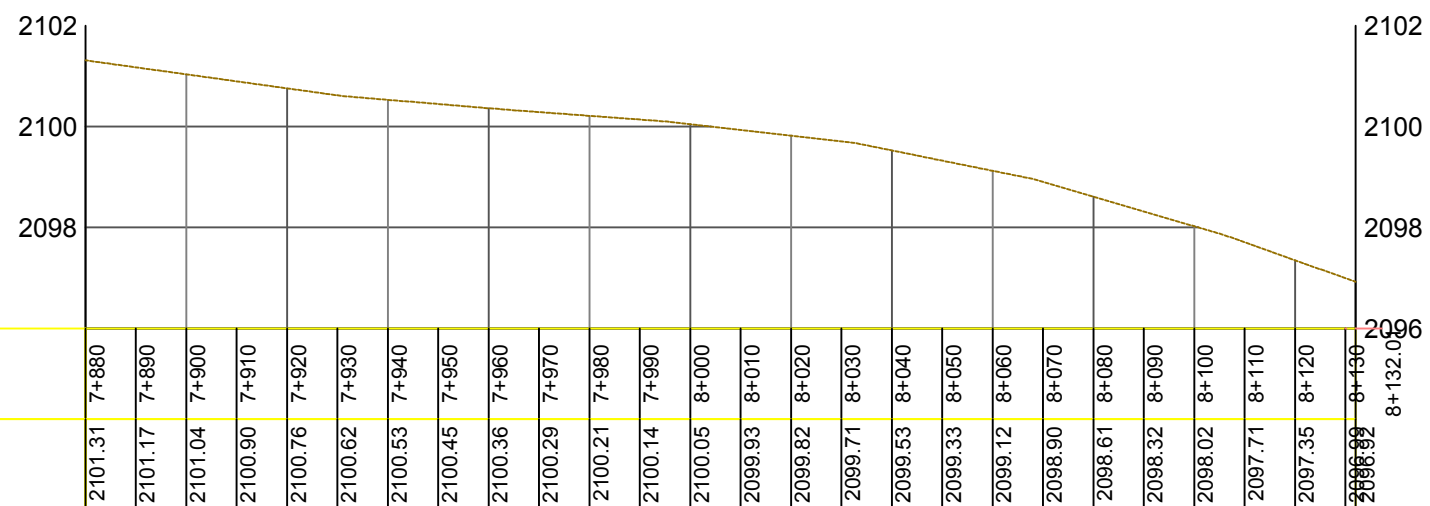
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DICIEMBRE - 2019
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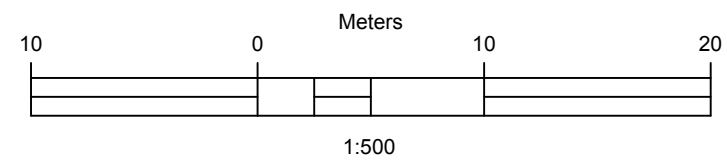
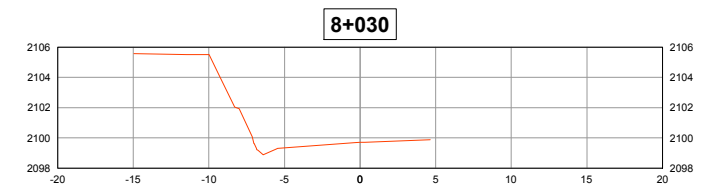
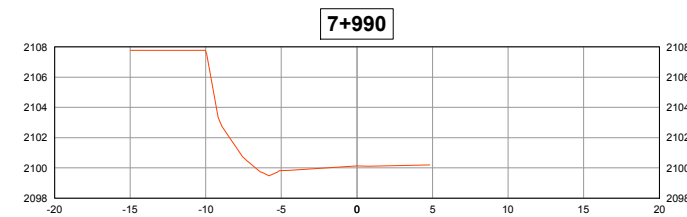
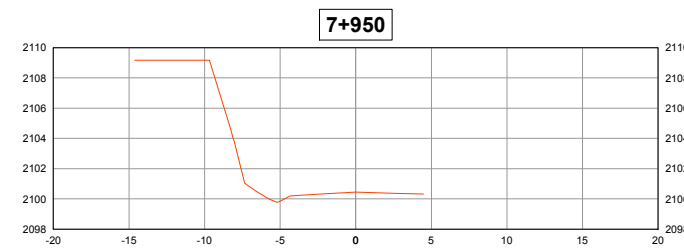
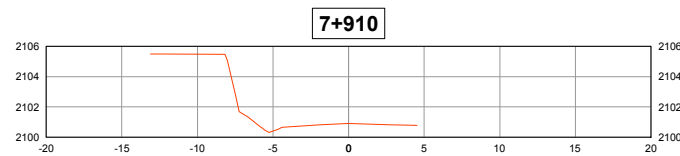
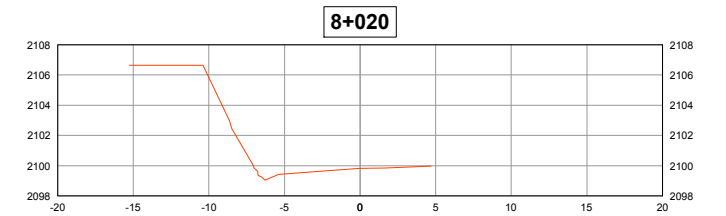
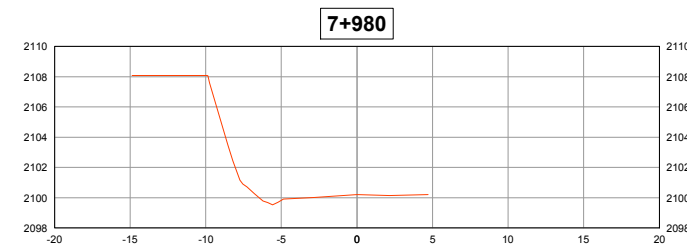
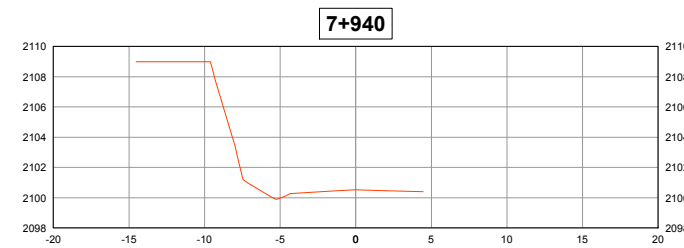
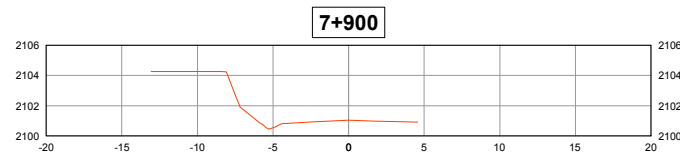
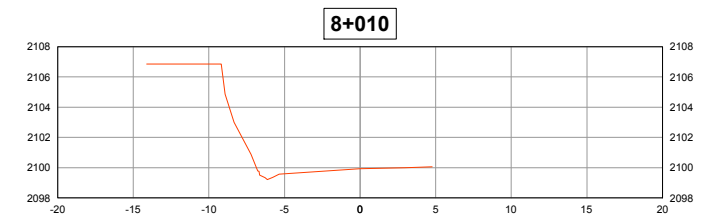
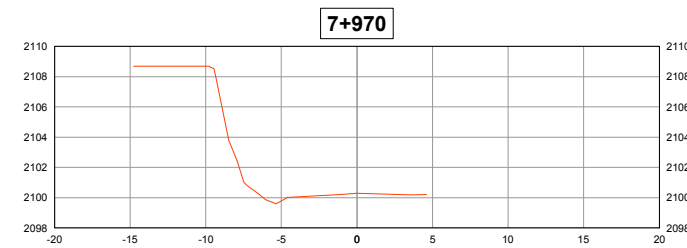
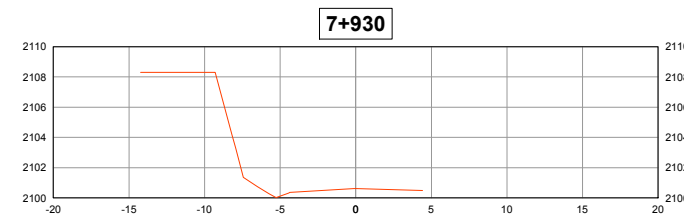
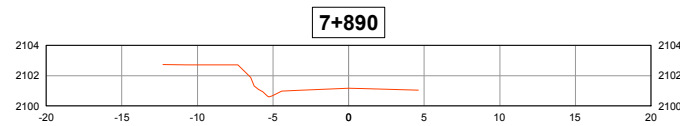
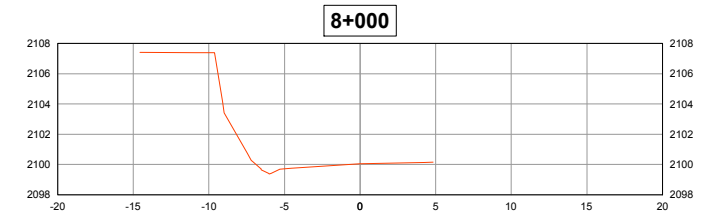
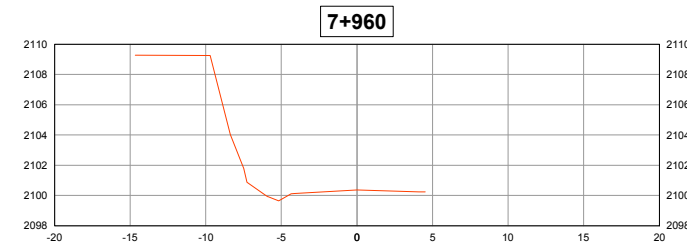
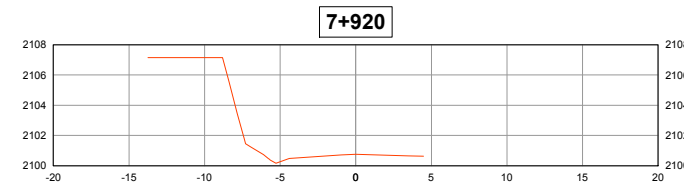
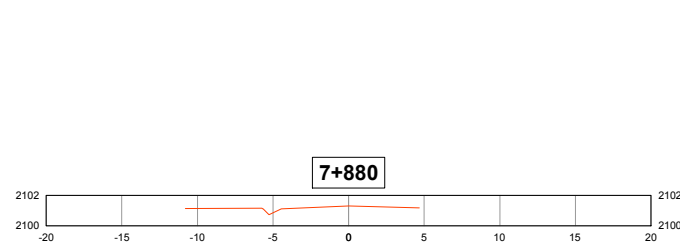
Lámina Nº
9/28

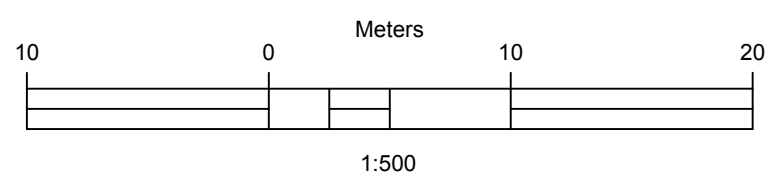
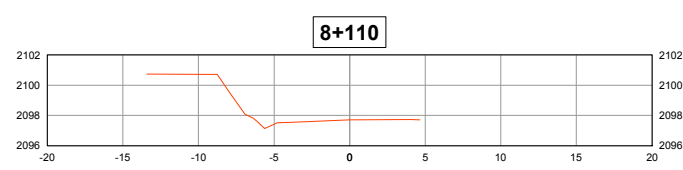
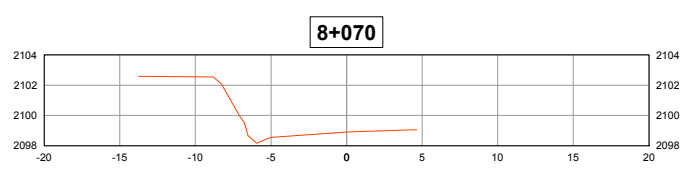
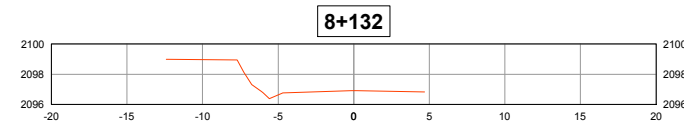
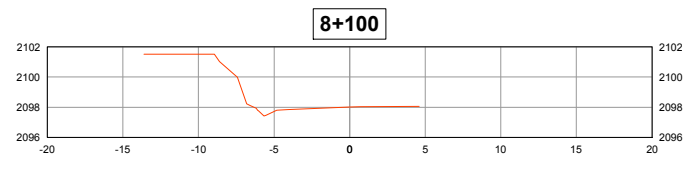
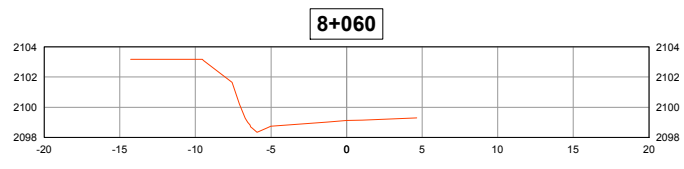
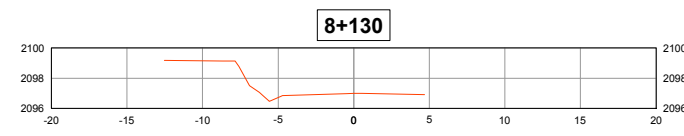
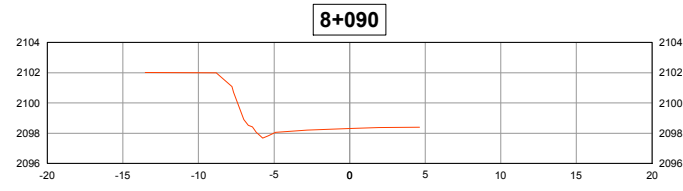
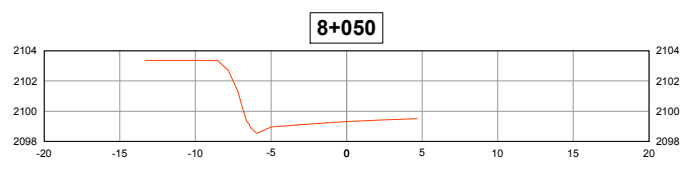
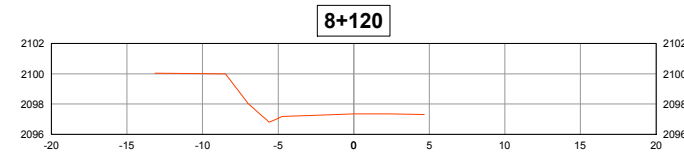
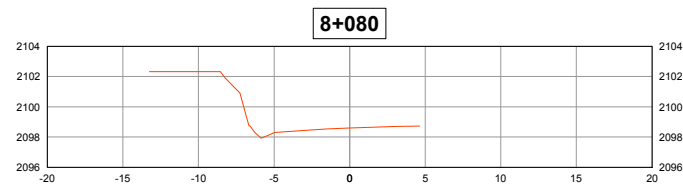
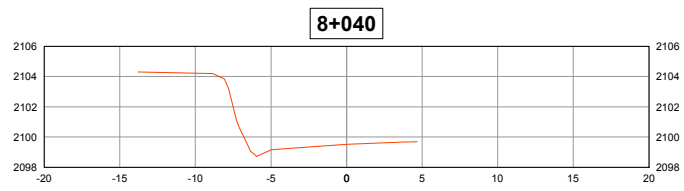
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PROGRESIVA
COTA TERRENO







UNIVERSIDAD AUTÓNOMA
JUAN MISAEL SARACHO
Tarija-Bolivia



MATERIA: PROYECTO DE INGENIERÍA CIVIL II (M. VÍAS)
PROYECTO: ESTUDIO DE ALTERNATIVAS PARA LA PROTECCION DE TALUDES DEL TRAMO SANTA ANA - YESERA NORTE EN FUNCION AL FACTOR DE SEGURIDAD

ELABORADO POR:
FLORES IRIARTE JOSE ALEJANDRO

FIRMA

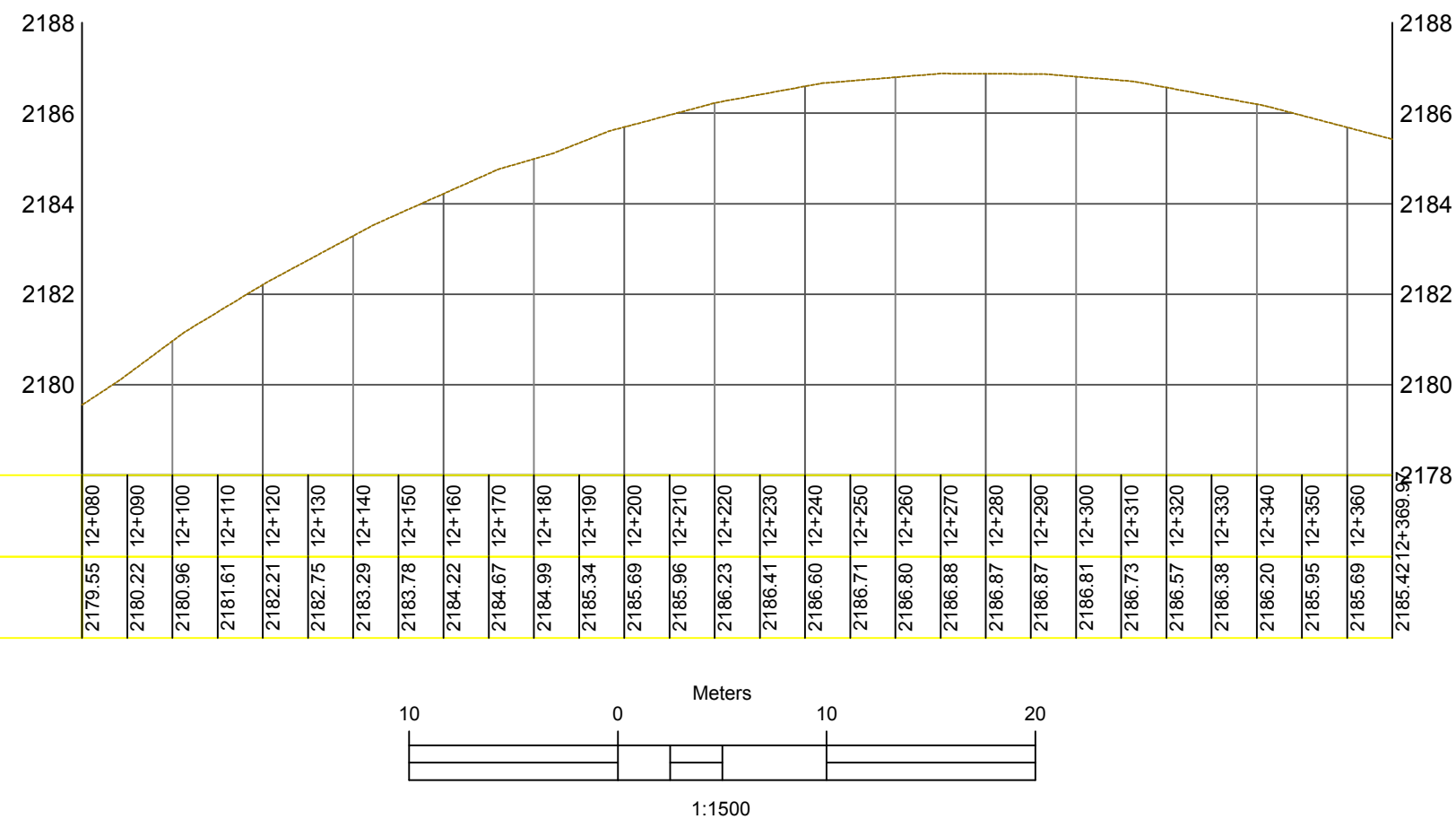
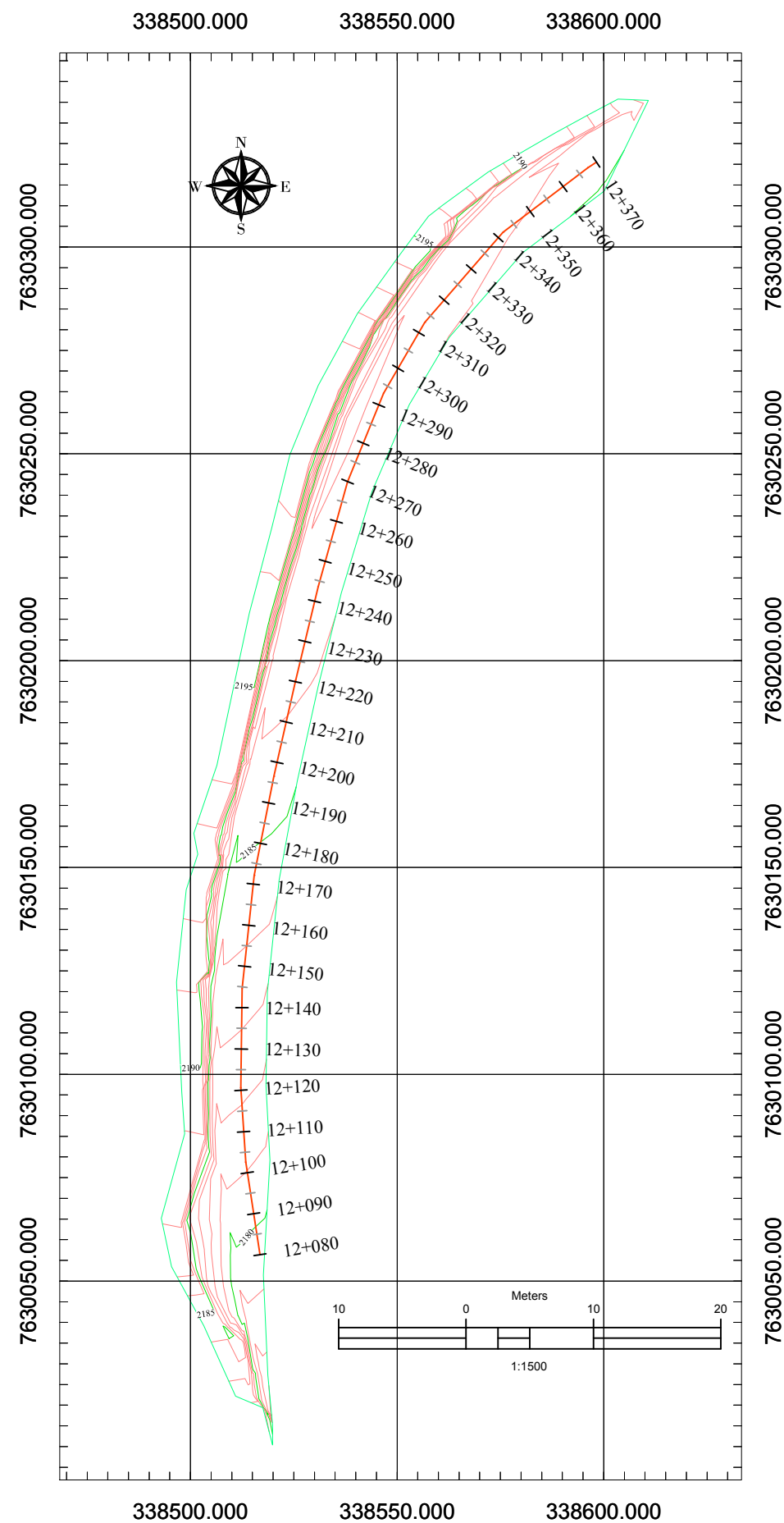
Firma del Docente

CONTENIDO: SECCIONES TRANSVERSALES TALUD 4

Escala: Escala Seccion: Indicada

Fecha: DICIEMBRE - 2019
TARIJA - BOLIVIA

Lámina No 12/28



UNIVERSIDAD AUTÓNOMA
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ESTUDIO DE ALTERNATIVAS PARA LA PROTECCION DE
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FUNCION AL FACTOR DE SEGURIDAD

ELABORADO POR:
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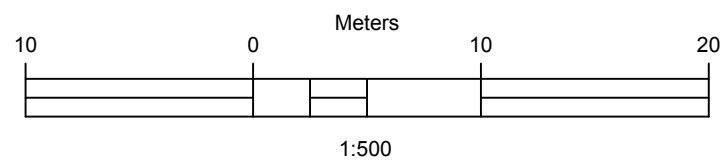
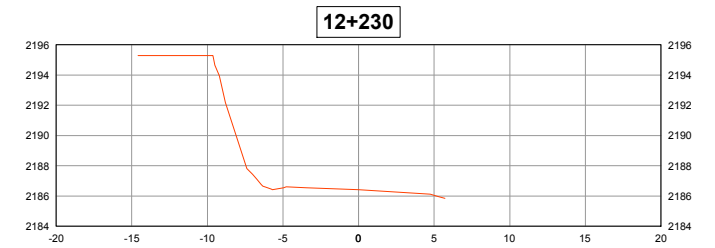
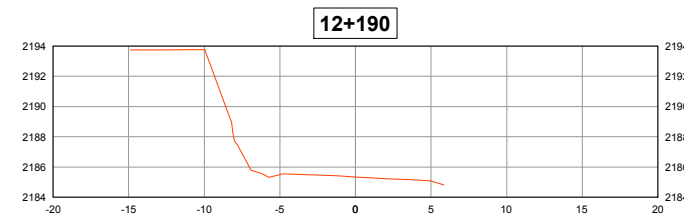
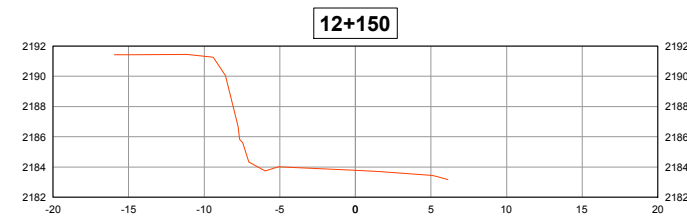
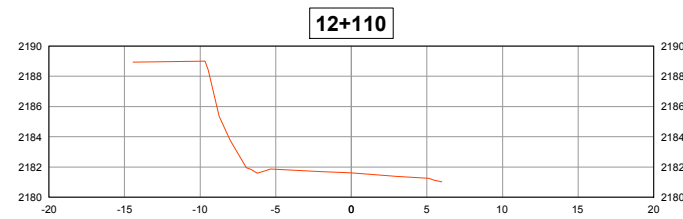
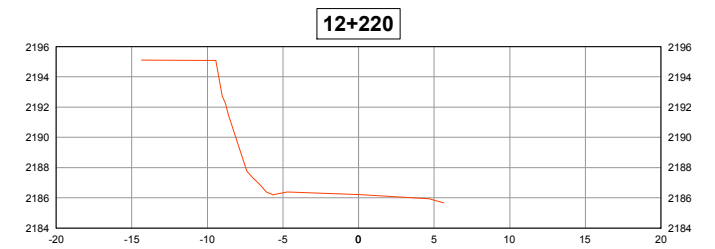
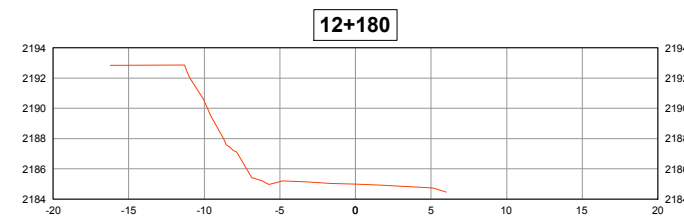
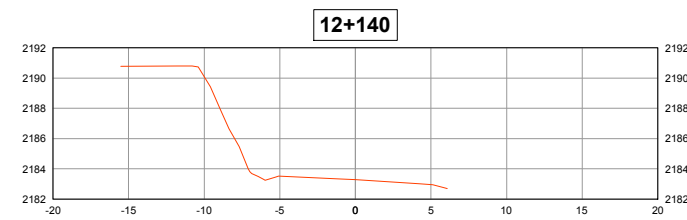
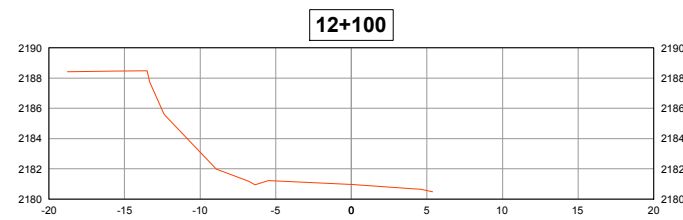
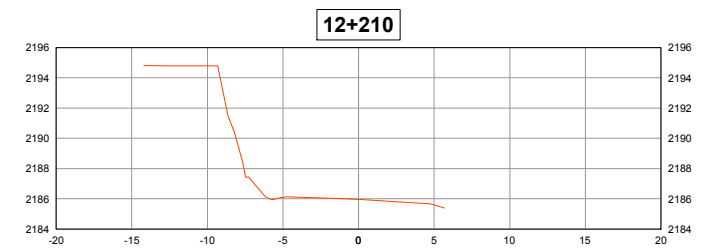
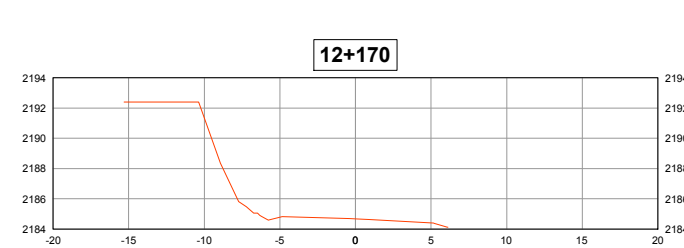
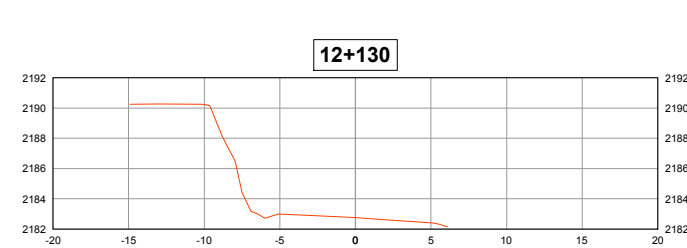
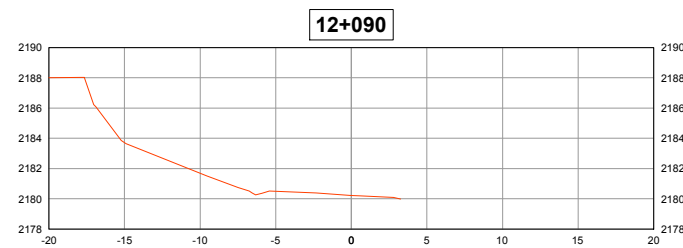
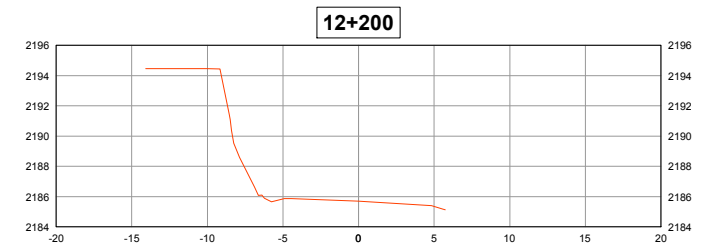
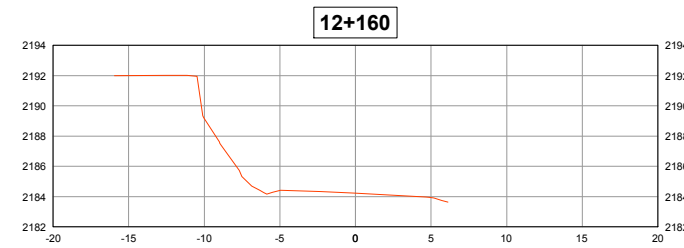
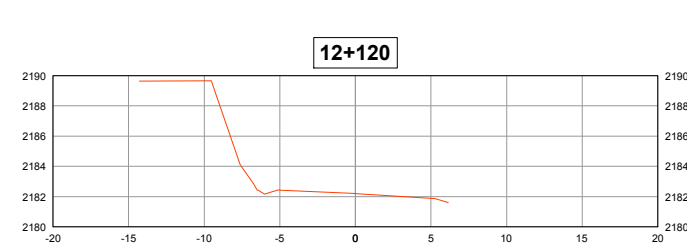
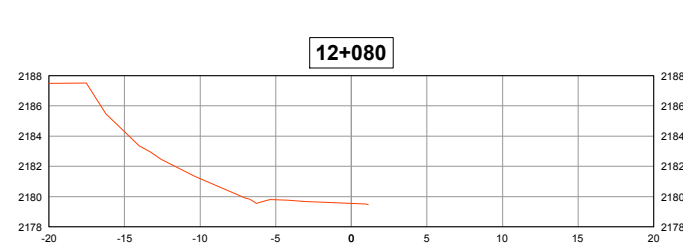
FIRMA

Firma del Docente

CONTENIDO: PLANO EN PLANTA Y PERFIL
LONGITUDINAL TALUD 5

Fecha: DICIEMBRE - 2019
TARIJA - BOLIVIA

Lámina No: 13/28



**UNIVERSIDAD AUTÓNOMA
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MATERIA: PROYECTO DE INGENIERÍA CIVIL II (M. VÍAS)

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ELABORADO POR:

FLORES IRIARTE JOSE ALEJANDRO

FIRMA

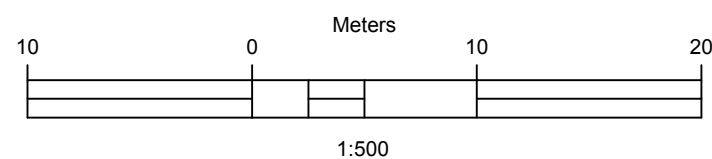
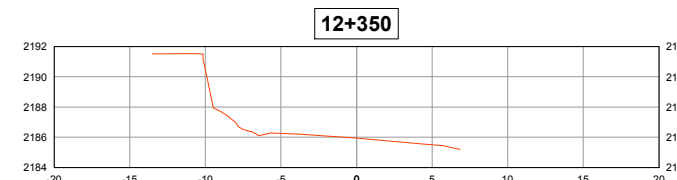
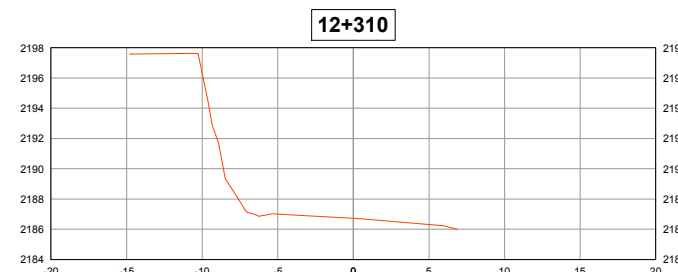
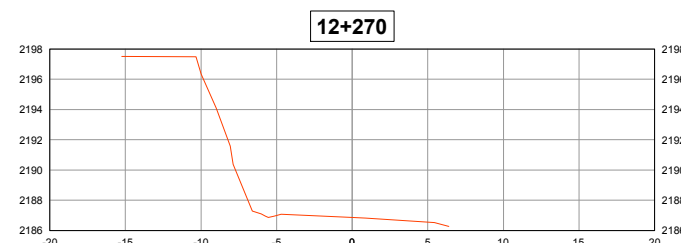
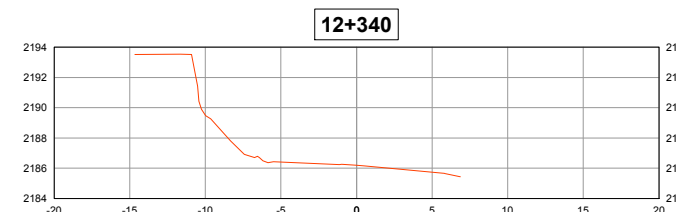
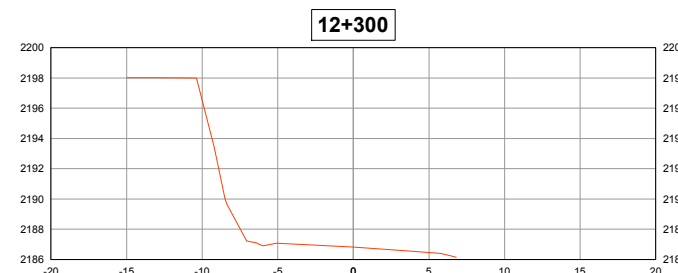
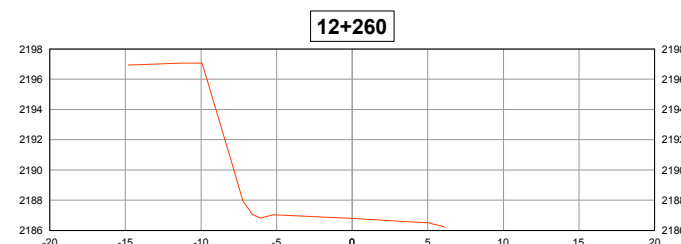
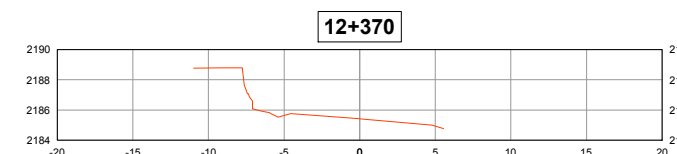
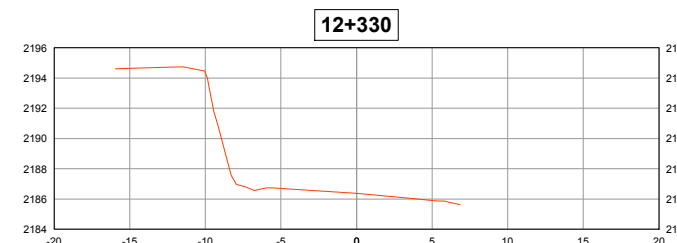
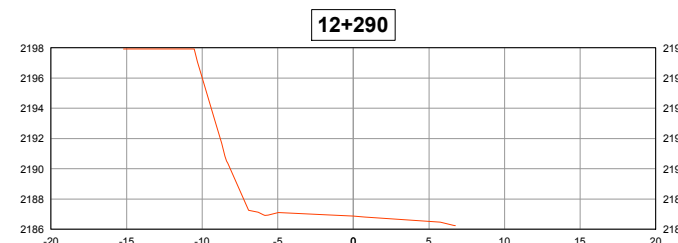
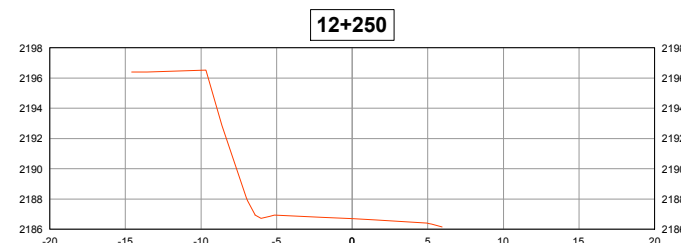
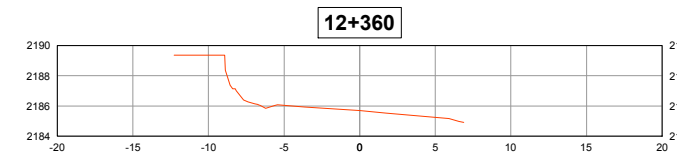
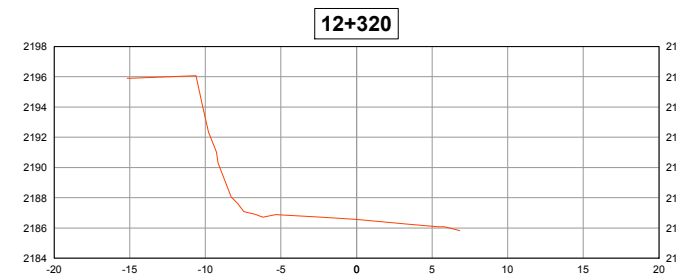
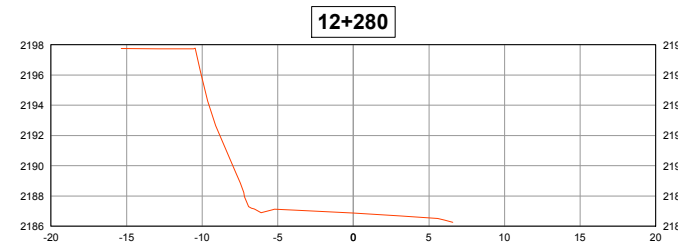
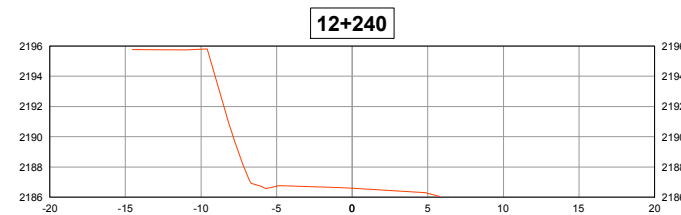
Firma del Docente

**CONTENIDO: SECCIONES TRANSVERSALES
TALUD 5**

Escalas:
Escala Seccion: Indicada

Fecha:
DICIEMBRE - 2019
TARIJA - BOLIVIA

Lámina Nº
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ELABORADO POR:
FLORES IRIARTE JOSE ALEJANDRO

FIRMA

Firma del Docente

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TALUD 5**

Escala: Escala Seccion: Indicada

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