



UNIVERSIDAD CATOLICA SANTO
TORIBIO DE MOGROVEJO
USAT - PERU

FACULTAD DE INGENIERIA
ESCUELA PROFESIONAL DE
INGENIERIA CIVIL AMBIENTAL

PROYECTO:

MEJORAMIENTO DE LA PLANTA DE
TRATAMIENTO DE AGUAS RESIDUALES
EN EL DISTRITO EL ALTO TALARA PIURA

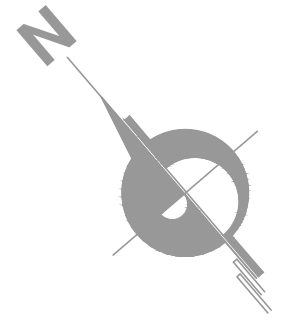
JURADO :

ING. HECTOR GAMARRA UCEDA

ING. ANIBAL TEODORO DIAZ ORRIGO

ING. EDGAR MUÑOCO OSORIO

ORIENTACION Y PLANO CLAVE:



PLANO :

VOLÚMENES DE
CORTE Y RELLENO
KM 0+000 A KM 0+120

Vº Bº :

OBSERVACIONES :

ESCALA:
1/500

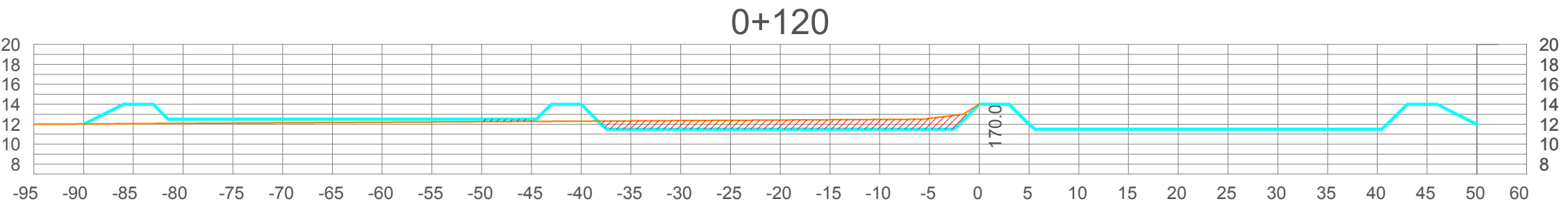
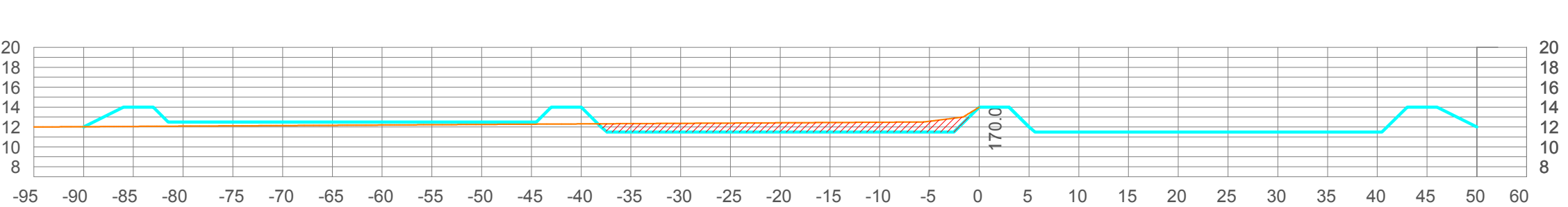
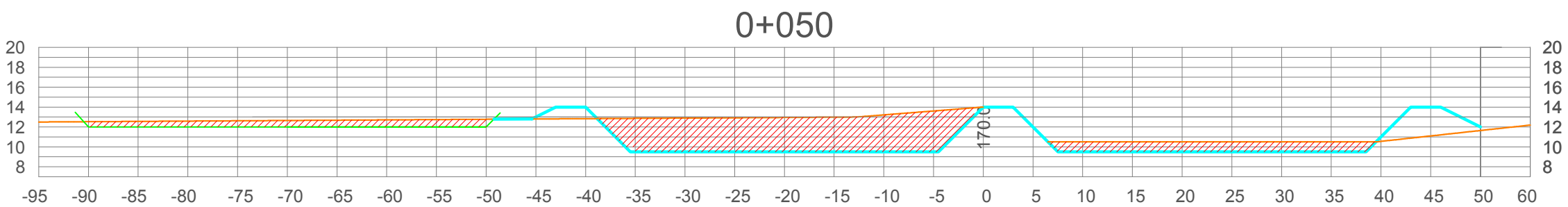
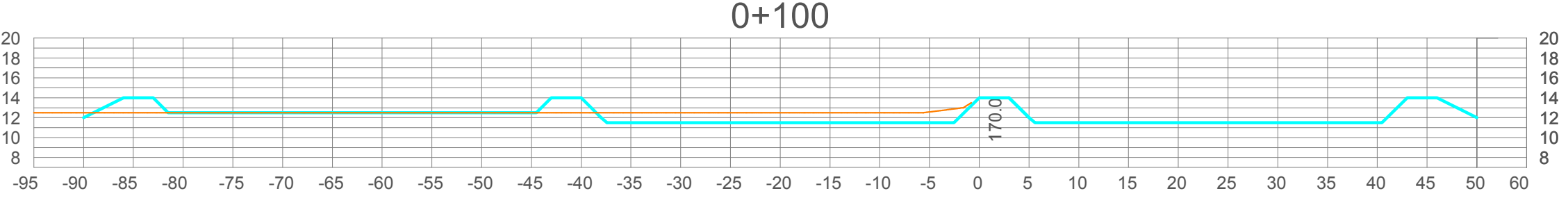
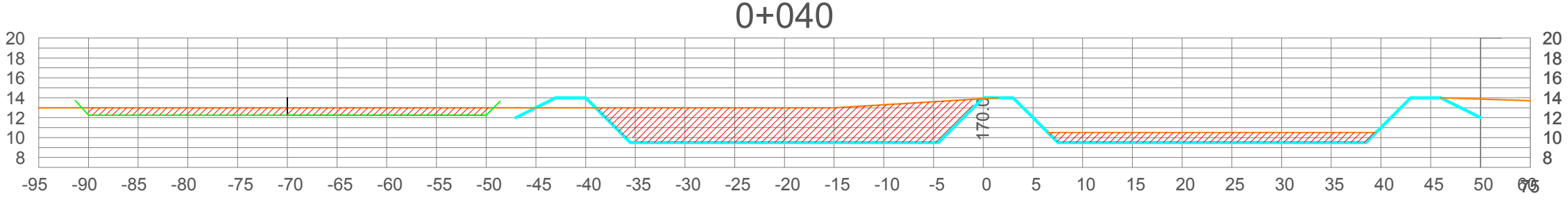
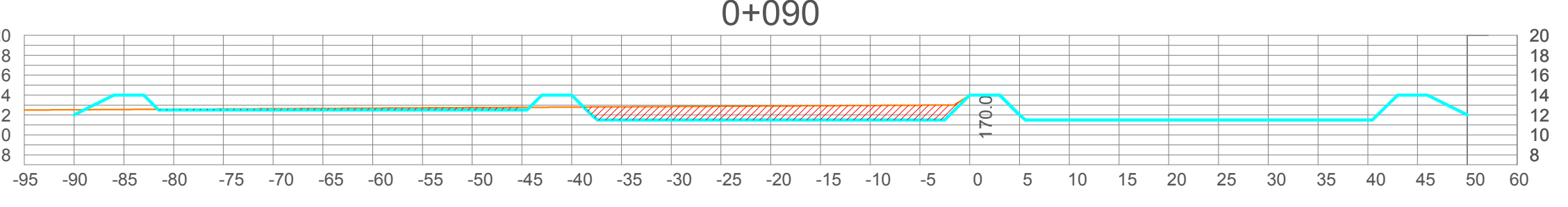
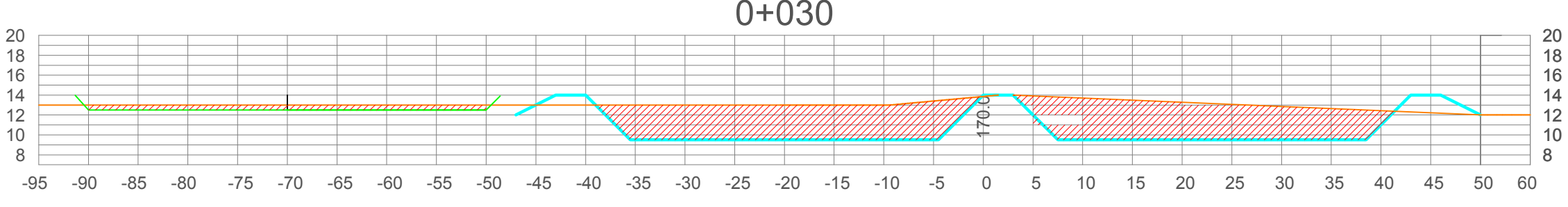
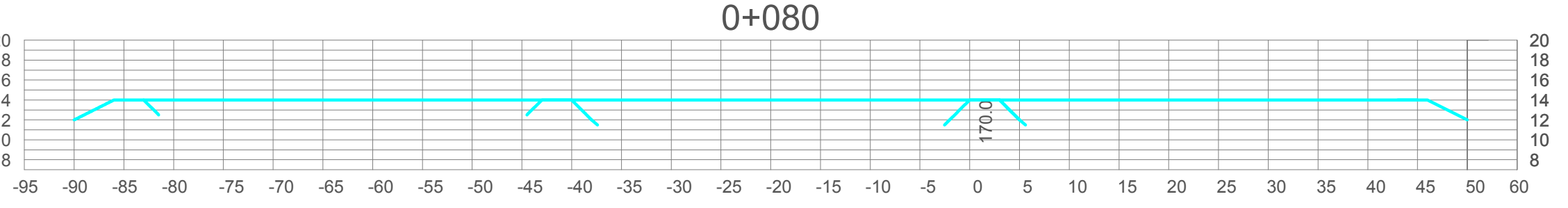
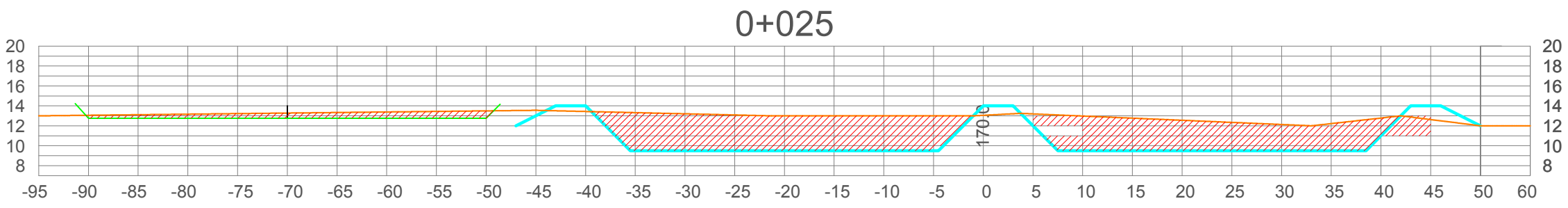
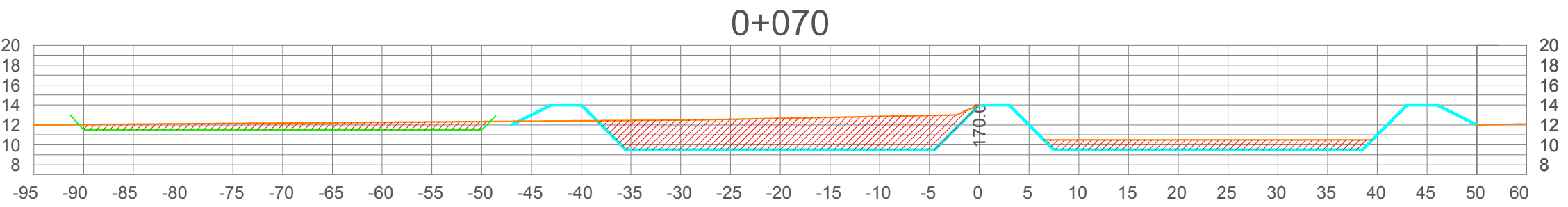
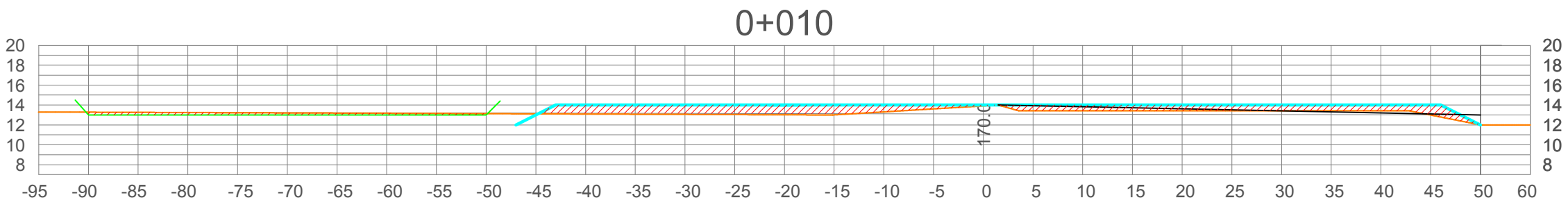
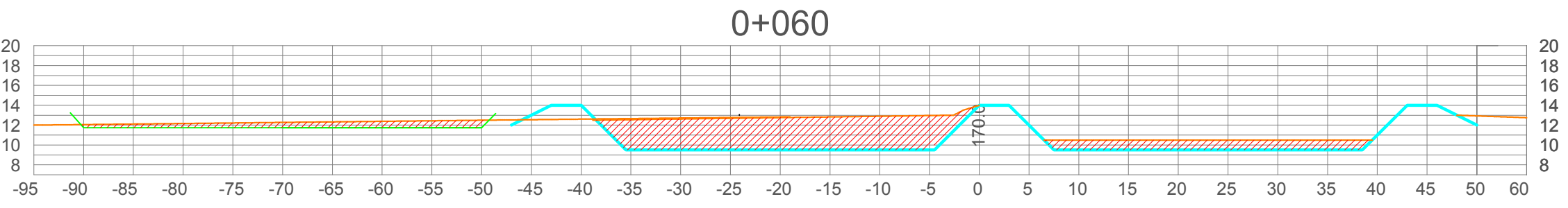
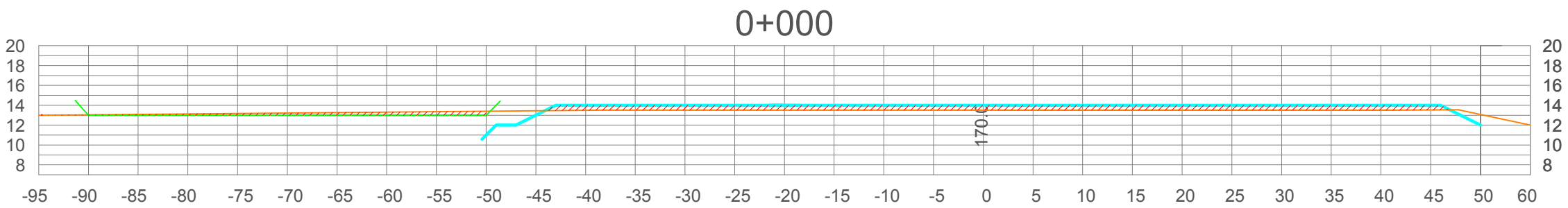
FECHA :
DICIEMBRE- 2017

DIBUJO CAD :
E.L.M

LAMINA:

VCR-1-PTAR

ALUMNO : ENRIQUE LOPEZ MESTANZA



| LEYENDA DE AREAS | |
|------------------|-----------------|
| SIMBOLO | DESCRIPCION |
| | AREA DE CORTE |
| | AREA DE RELLENO |

| LEYENDA DE LINEAS | |
|-------------------|-------------------|
| SIMBOLO | DESCRIPCION |
| | TERRENO NATURAL |
| | SECCION DEL DIQUE |
| | RAMPA |

| Cortes Transversales | | | | | |
|----------------------|------------|--------------|---------------------------|---------------|-----------------|
| Seccion | Area Corte | Area Relleno | Distancia entre secciones | Volumen corte | Volumen Relleno |
| 0+000 | 8.83 | 42.74 | | 0.00 | 0.00 |
| 0+010 | 8.43 | 49.32 | 10.00 | 85.30 | 493.20 |
| 0+020 | 255.5 | 19.42 | 10.00 | 619.83 | 418.70 |
| 0+030 | 271.23 | 10.23 | 10.00 | 2053.60 | 143.25 |
| 0+040 | 196.5 | 0.00 | 10.00 | 2288.60 | 0.00 |
| 0+050 | 218.5 | 4.5 | 10.00 | 2933.00 | 22.50 |
| 0+060 | 173.32 | 8.56 | 10.00 | 1726.95 | 85.36 |
| 0+070 | 172.48 | 7.78 | 10.00 | 431.23 | 80.15 |
| 0+080 | 0.00 | 0.00 | 10.00 | 128.10 | 0.00 |
| 0+090 | 51.54 | 13.86 | 10.00 | 445.05 | 80.30 |
| 0+100 | 37.37 | 14.54 | 10.00 | 358.70 | 287.68 |
| 0+110 | 34.37 | 31.28 | 10.00 | 347.70 | 491.88 |
| 0+120 | 38.17 | 31.28 | 10.00 | 382.68 | 382.20 |