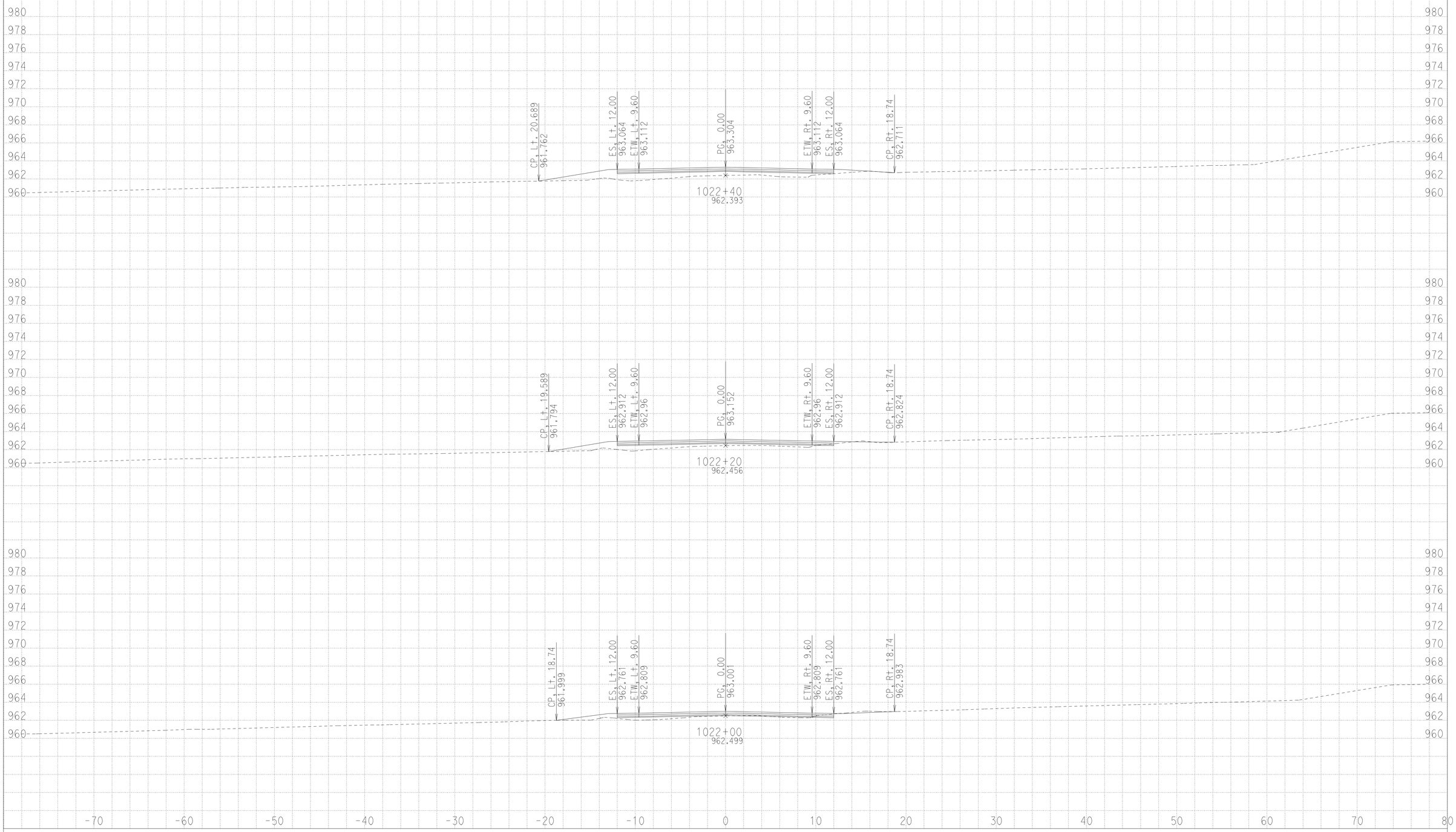
DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

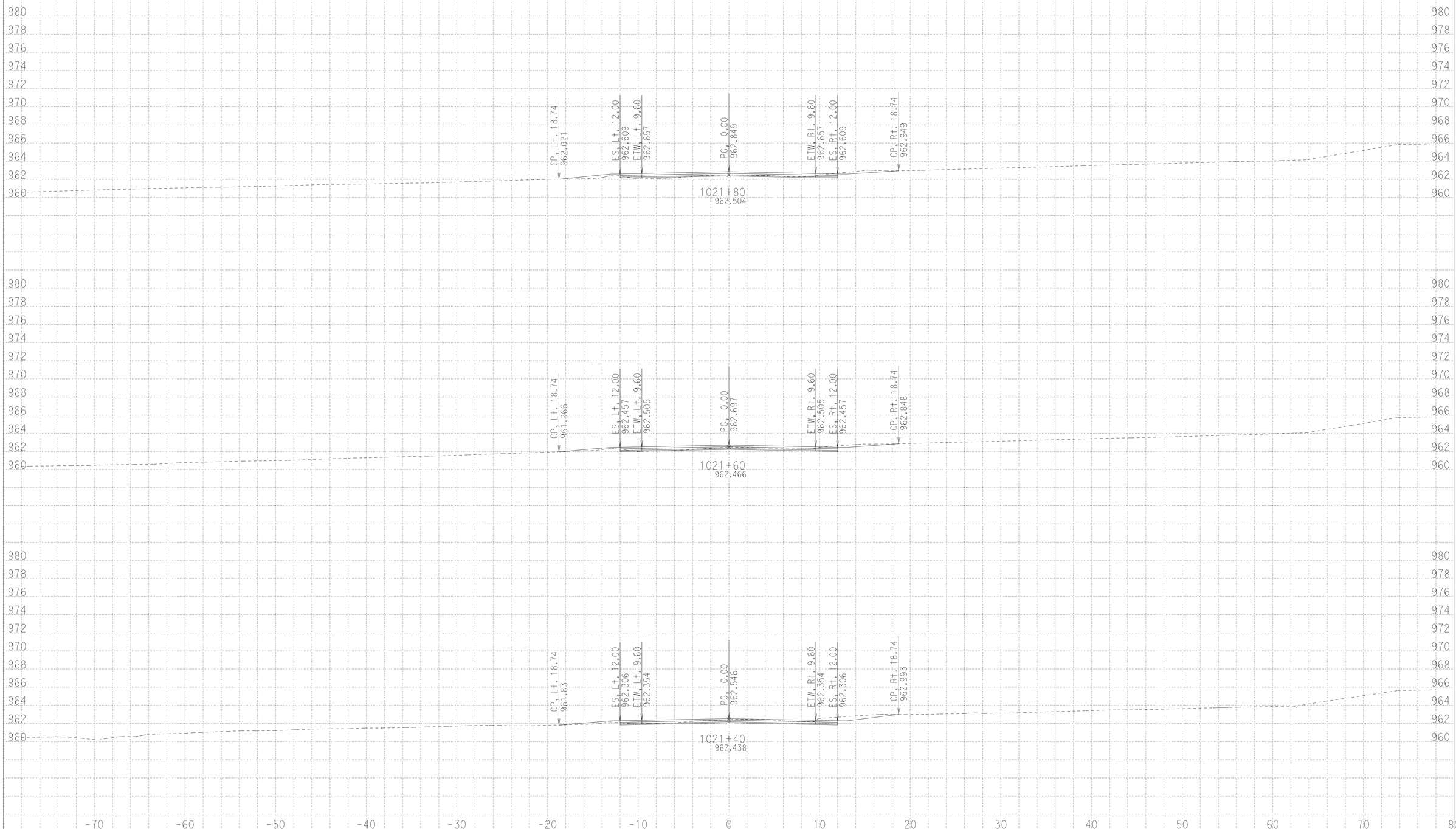
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 6 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

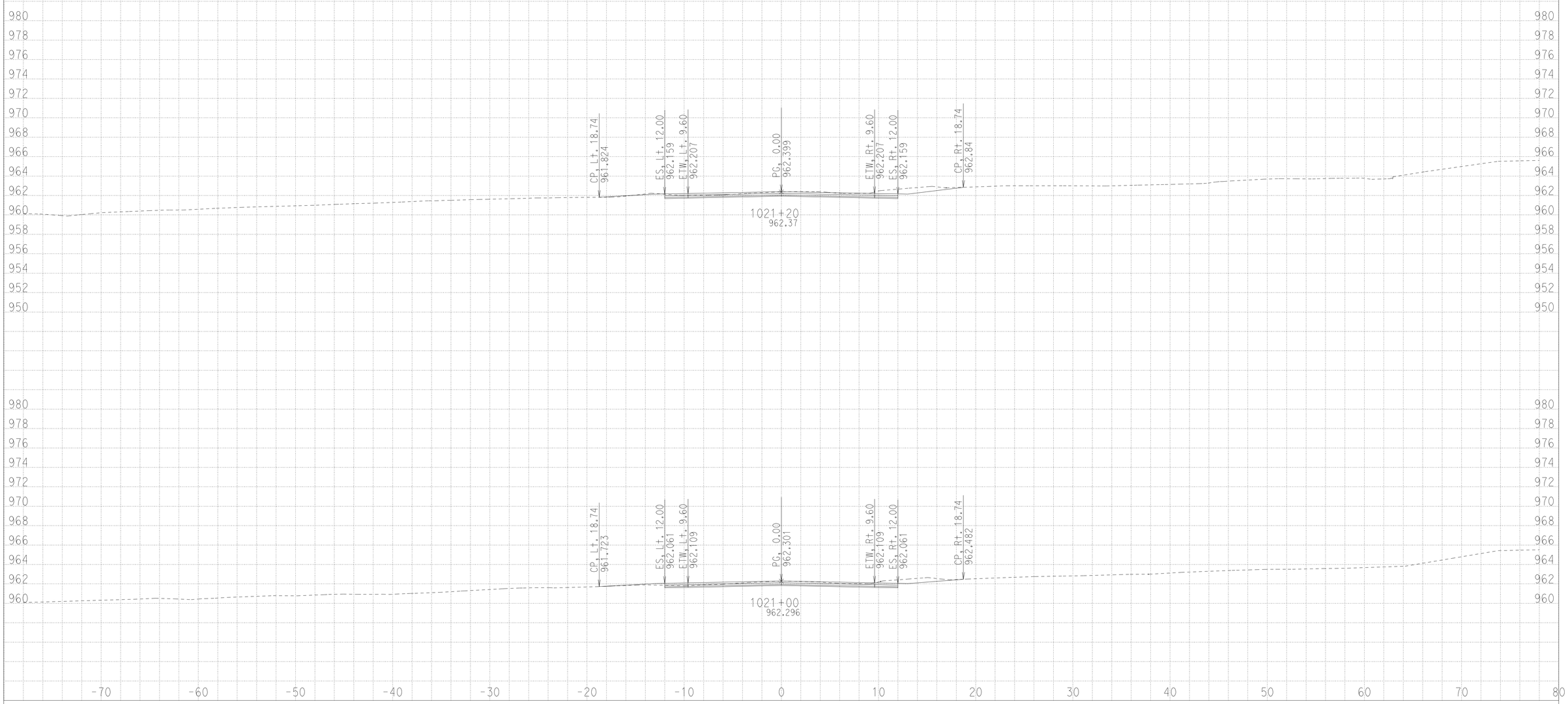
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 5 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

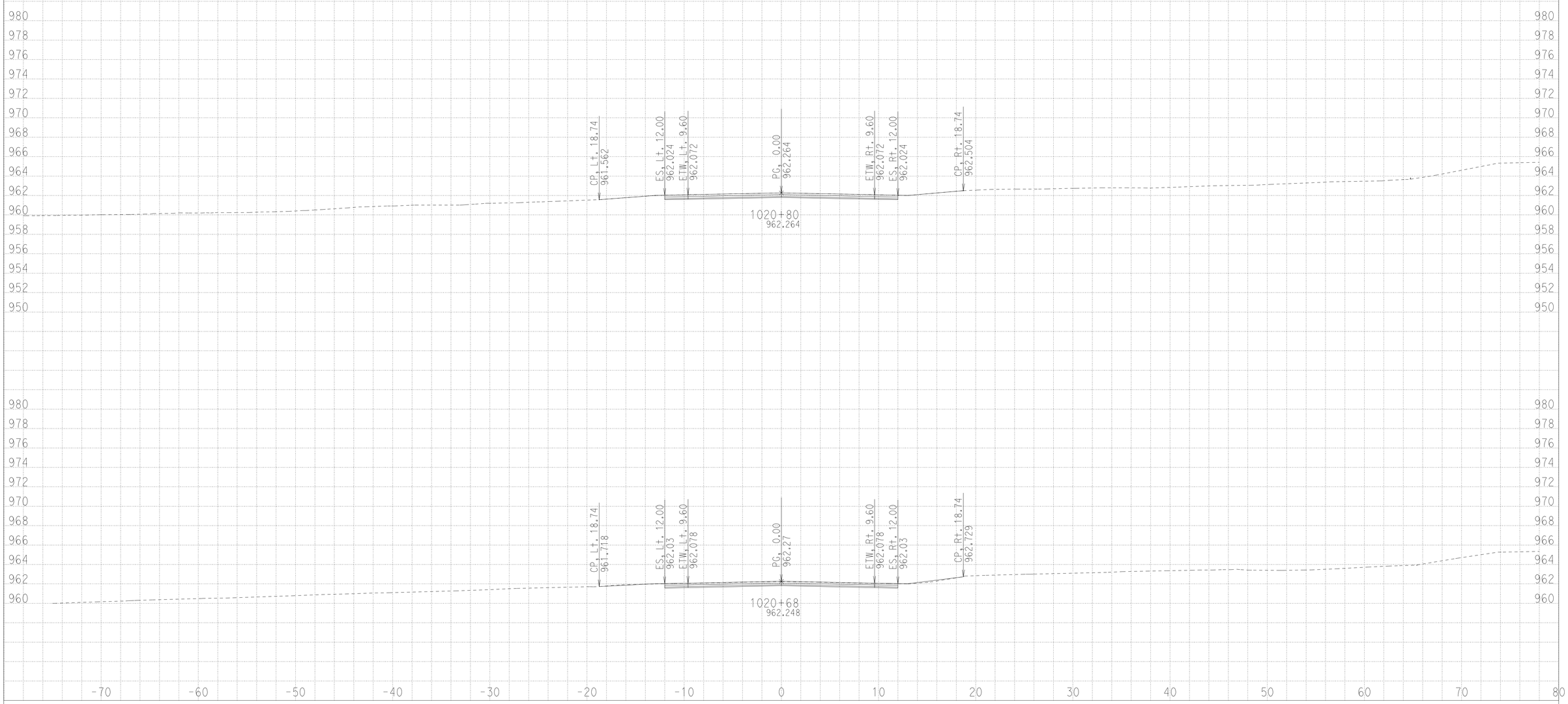
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 4 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

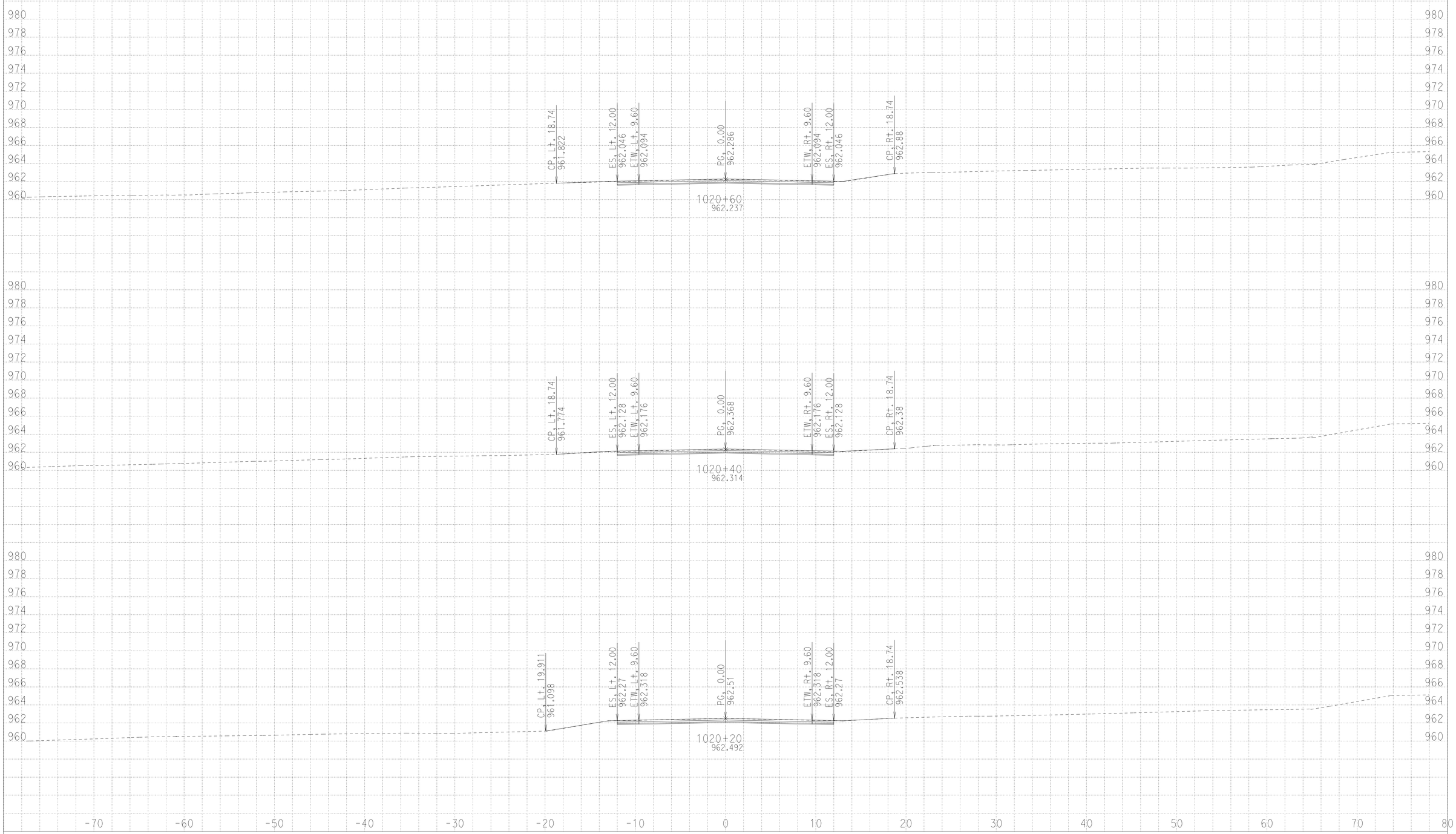
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 3 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

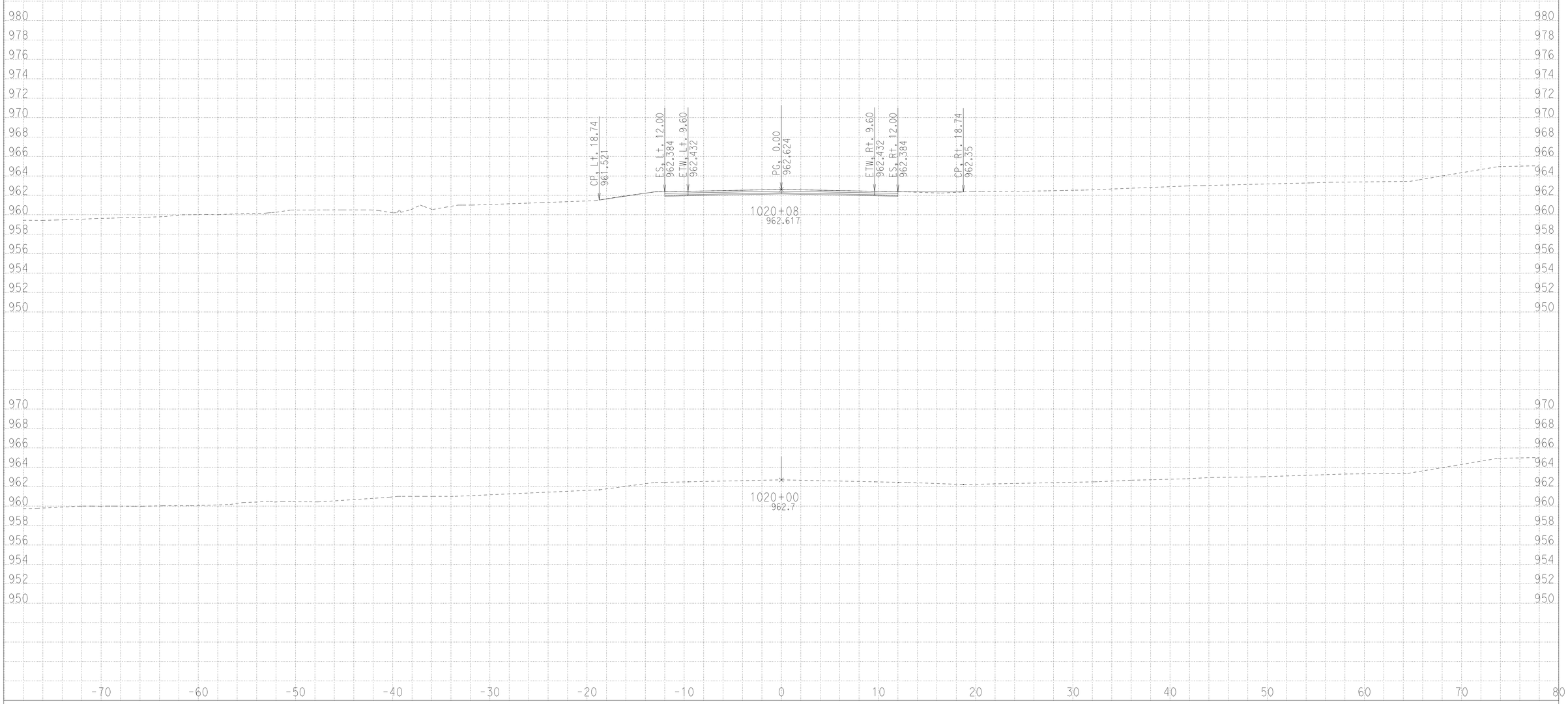
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 2 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

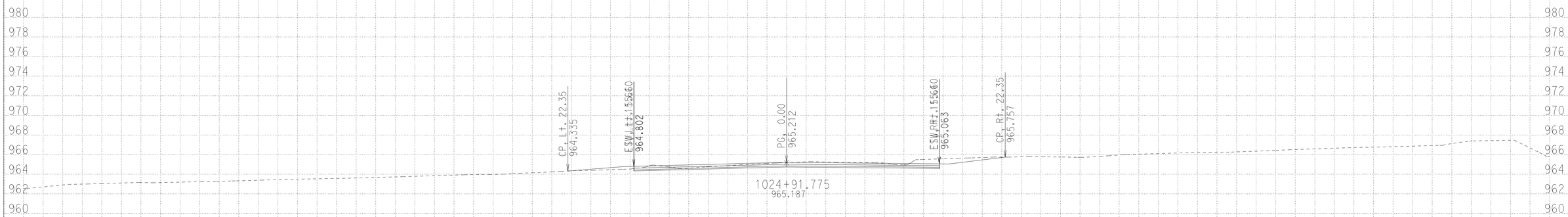
File: C:\Projects\SEG12\5-7-09dxs.ear

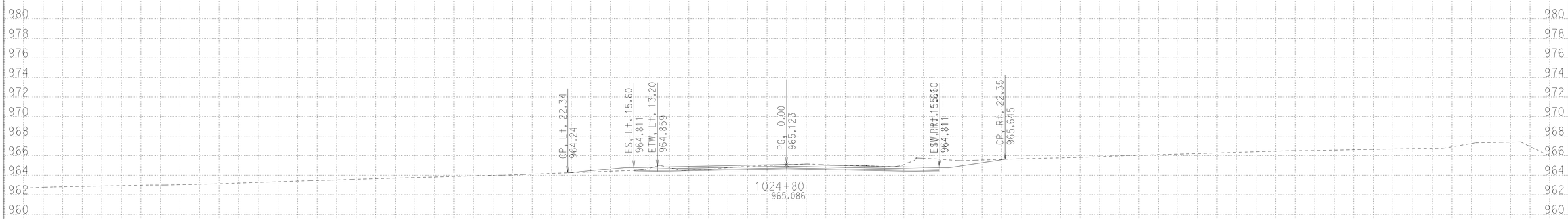
Scale Ratio: 1:200 Horiz.
1:200 Vert.

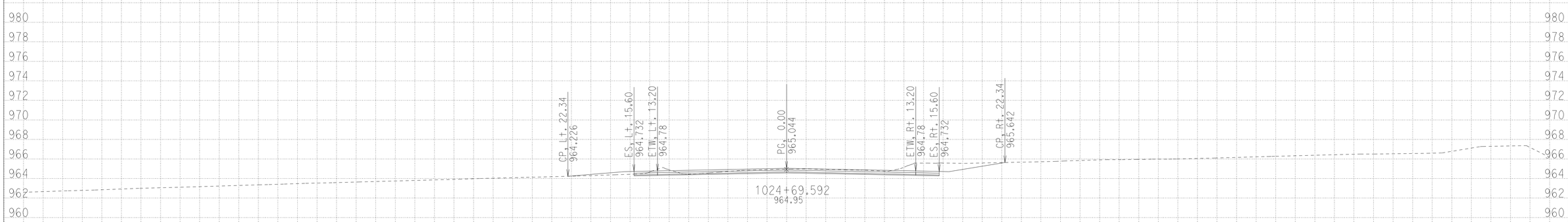
HAL1
CROSS SECTIONS

SHEET 1 OF XXX

DESIGN STUDY ONLY







-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

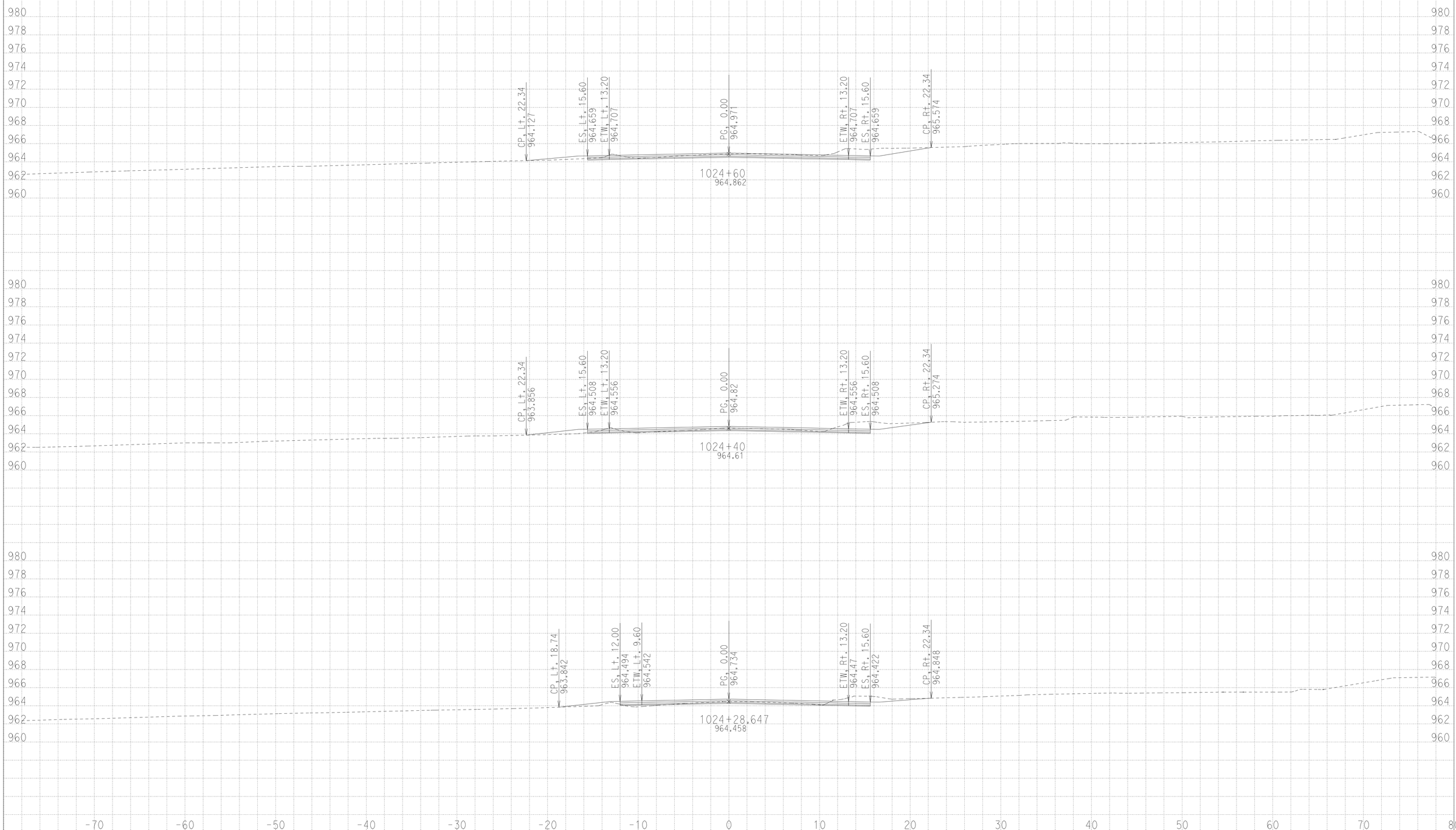
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 12 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

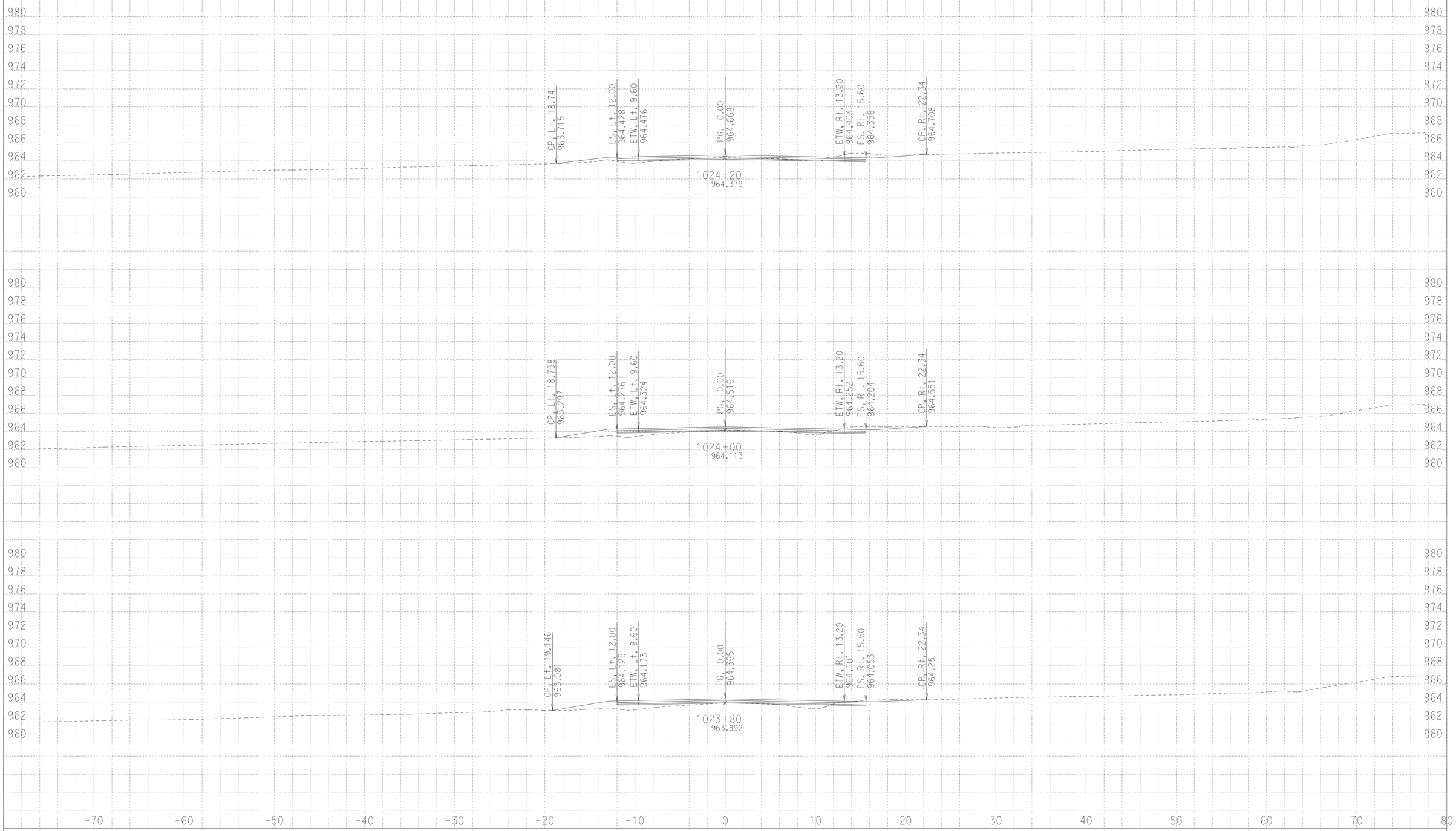
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 11 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

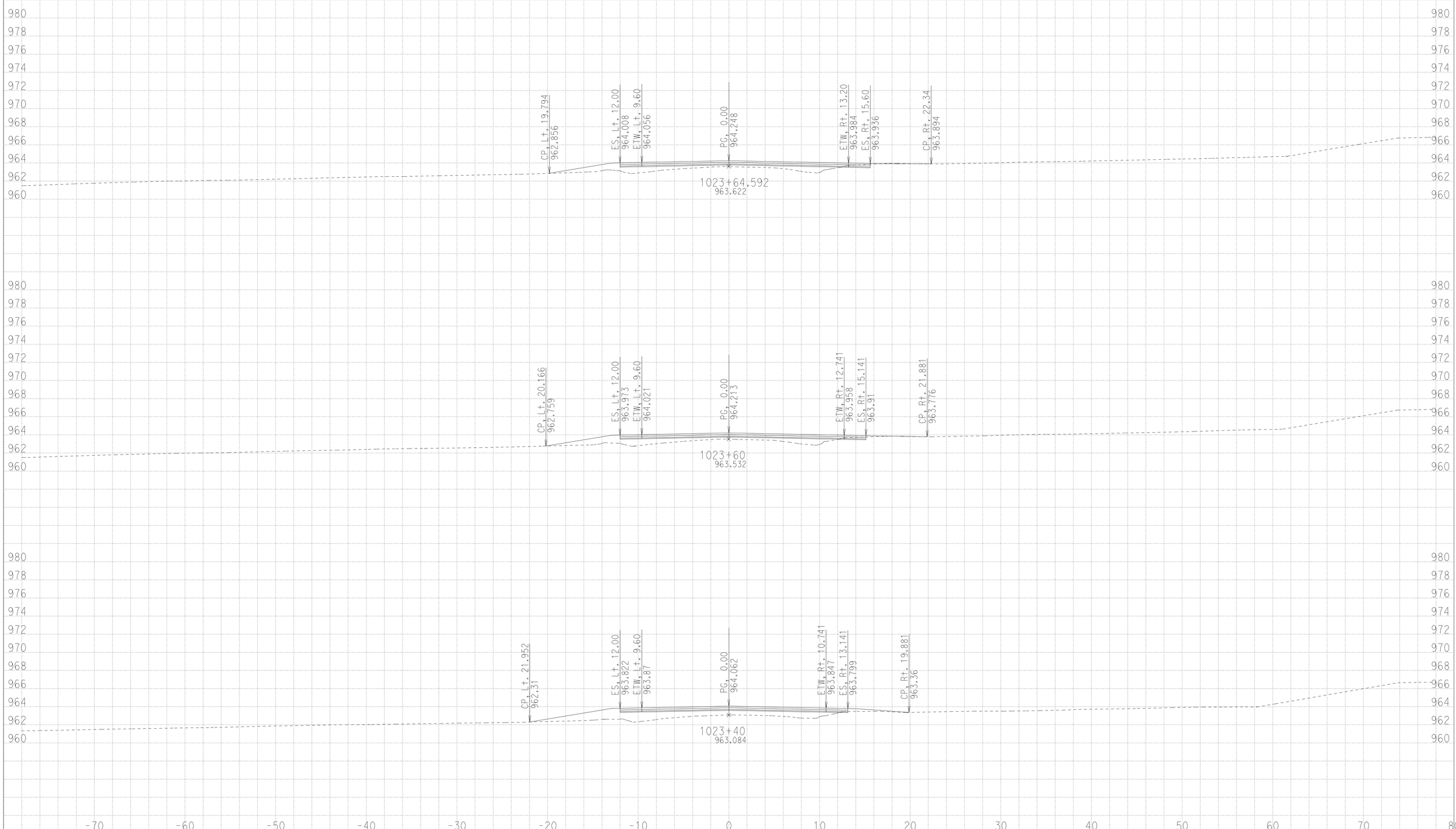
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 10 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

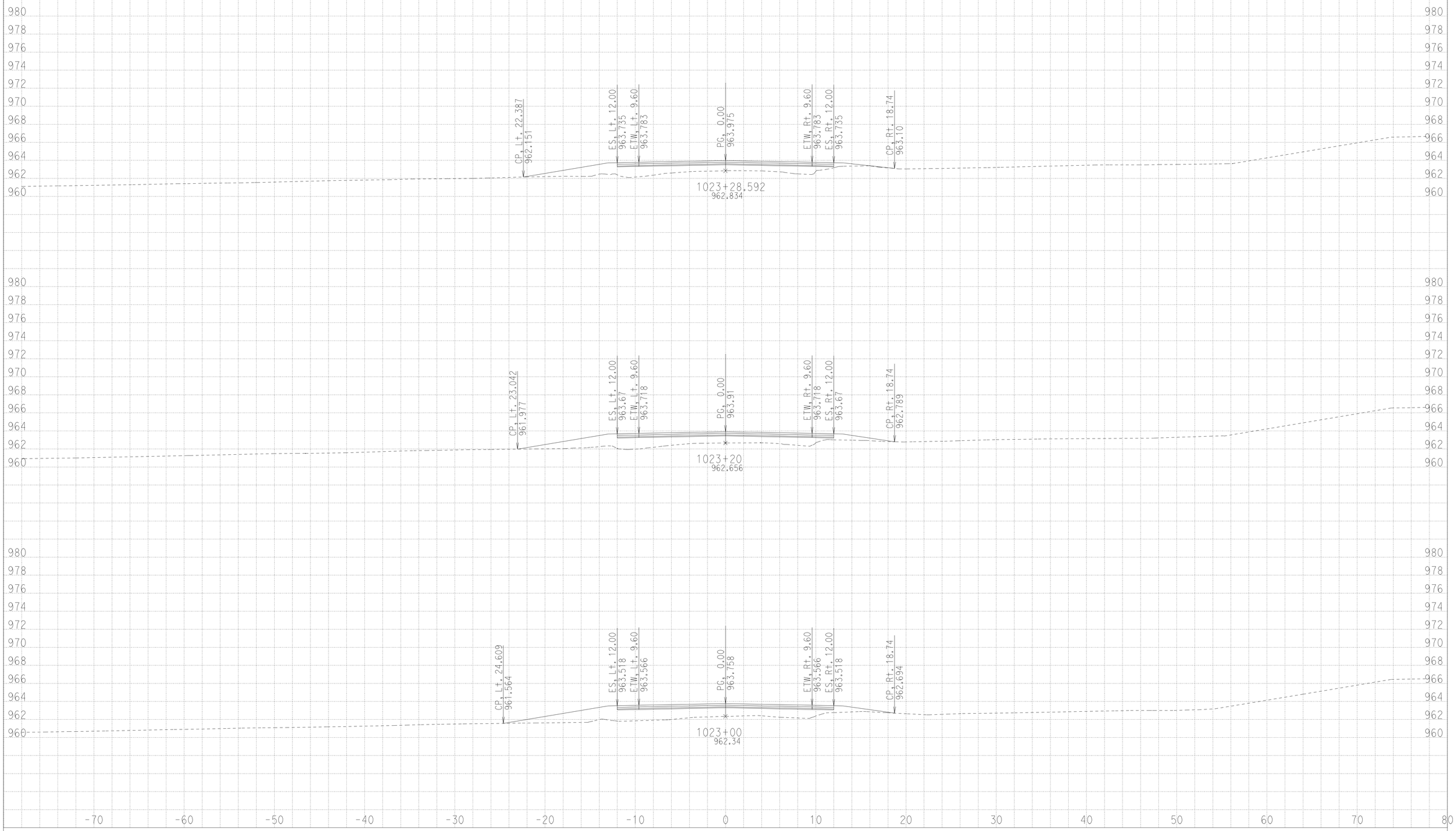
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 9 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

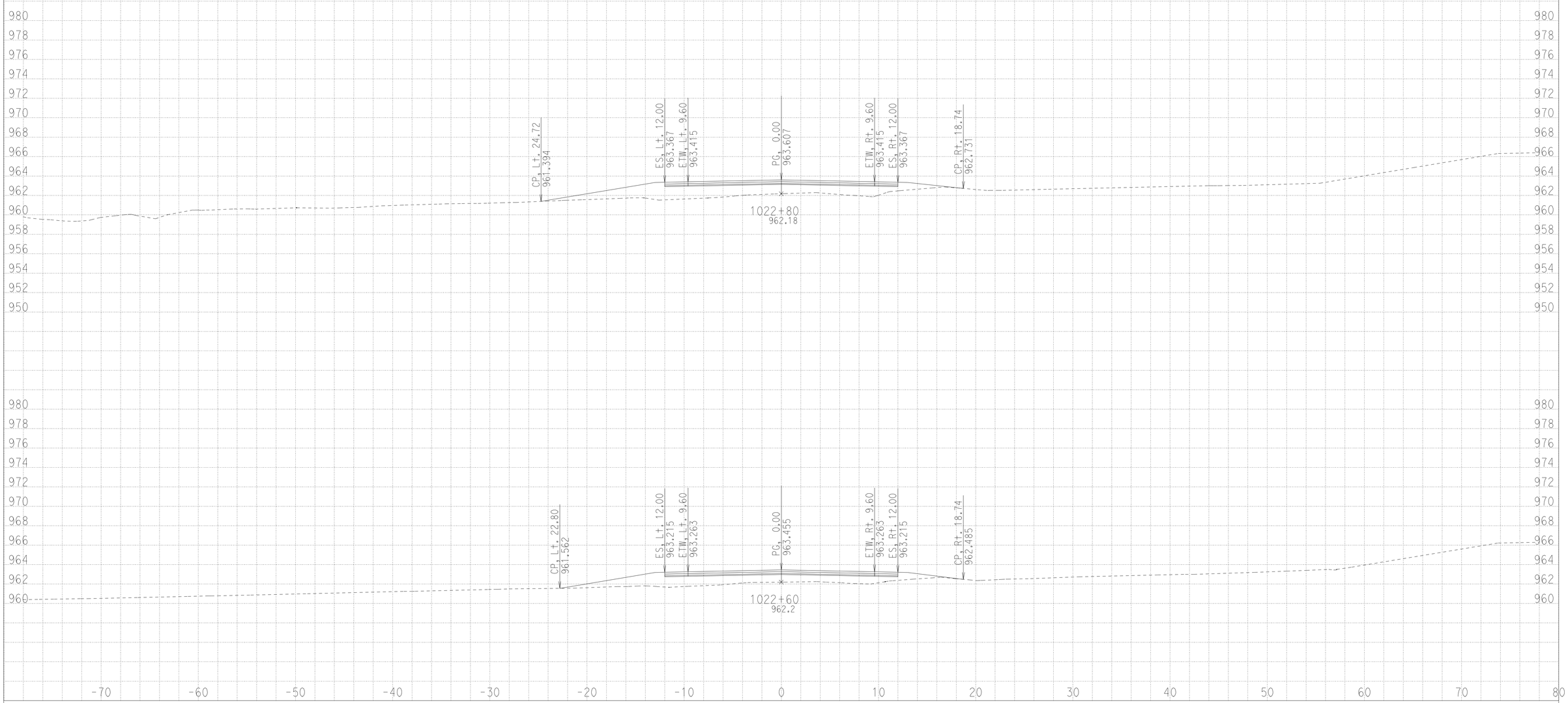
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 8 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

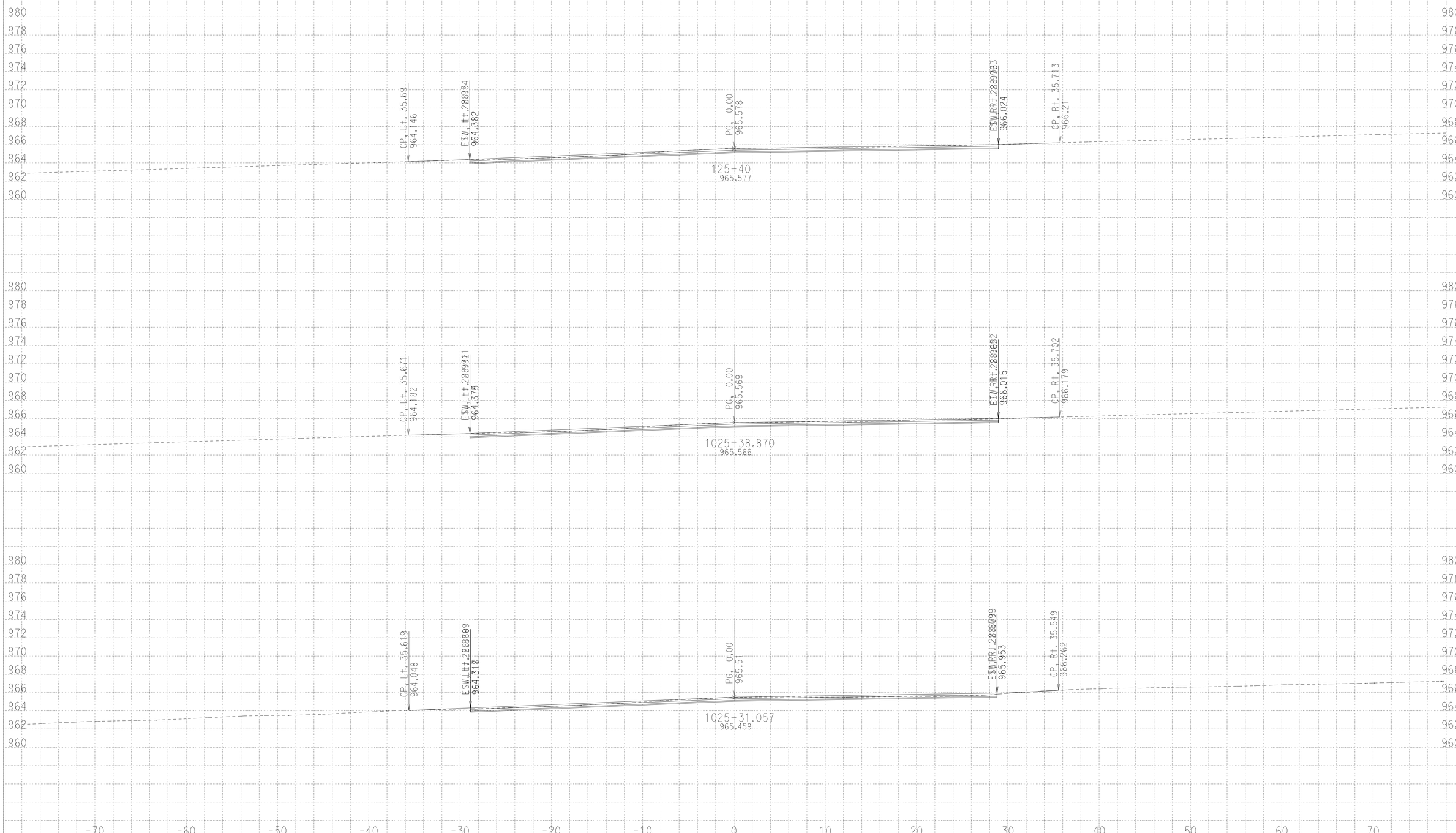
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 7 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

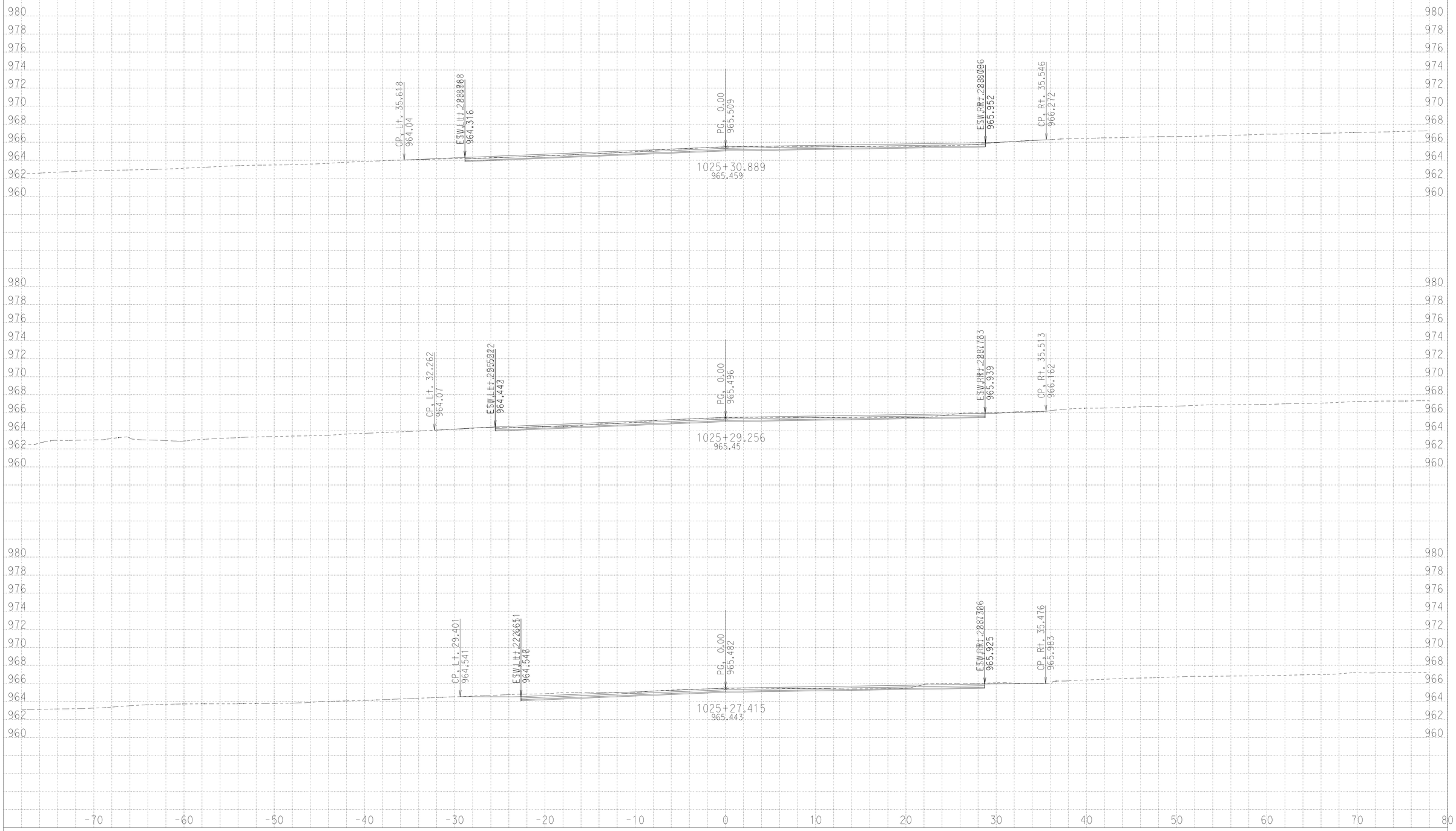
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 18 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

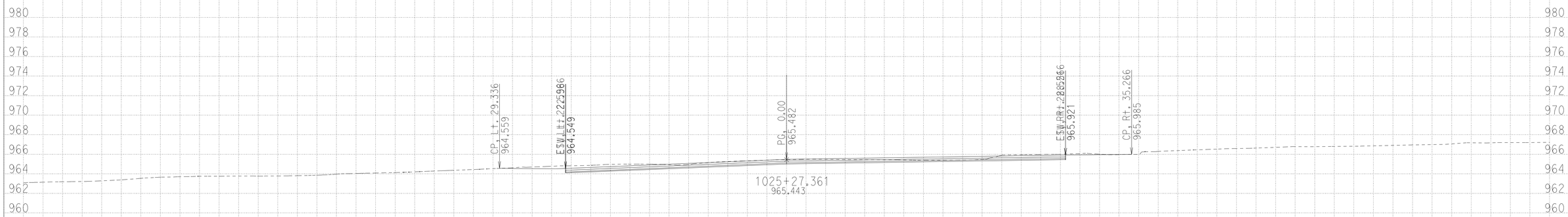
Scale Ratio: 1:200 Horiz.
1:200 Vert.

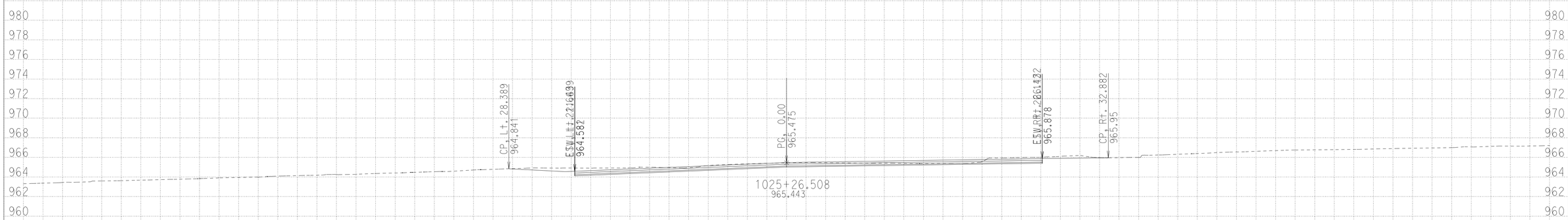
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

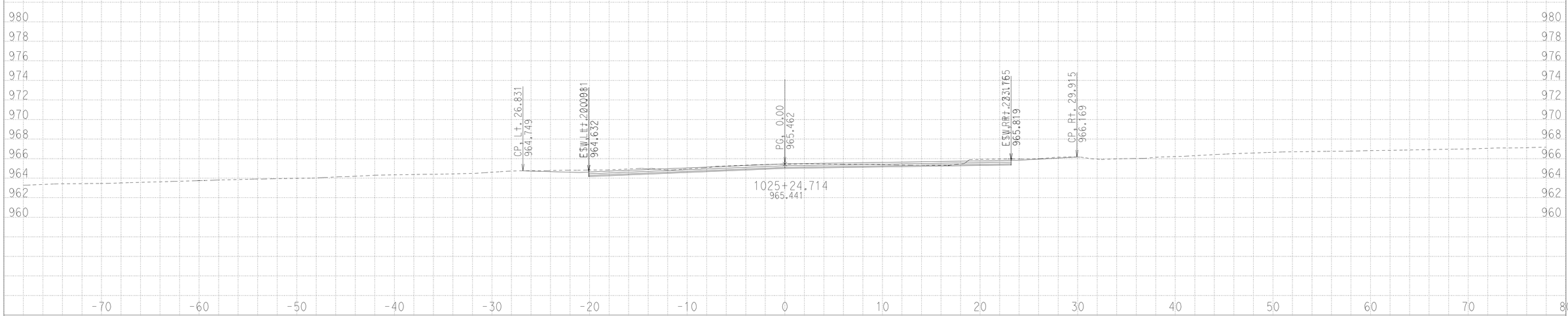
HAL1
CROSS SECTIONS

SHEET 17 OF XXX

DESIGN STUDY ONLY







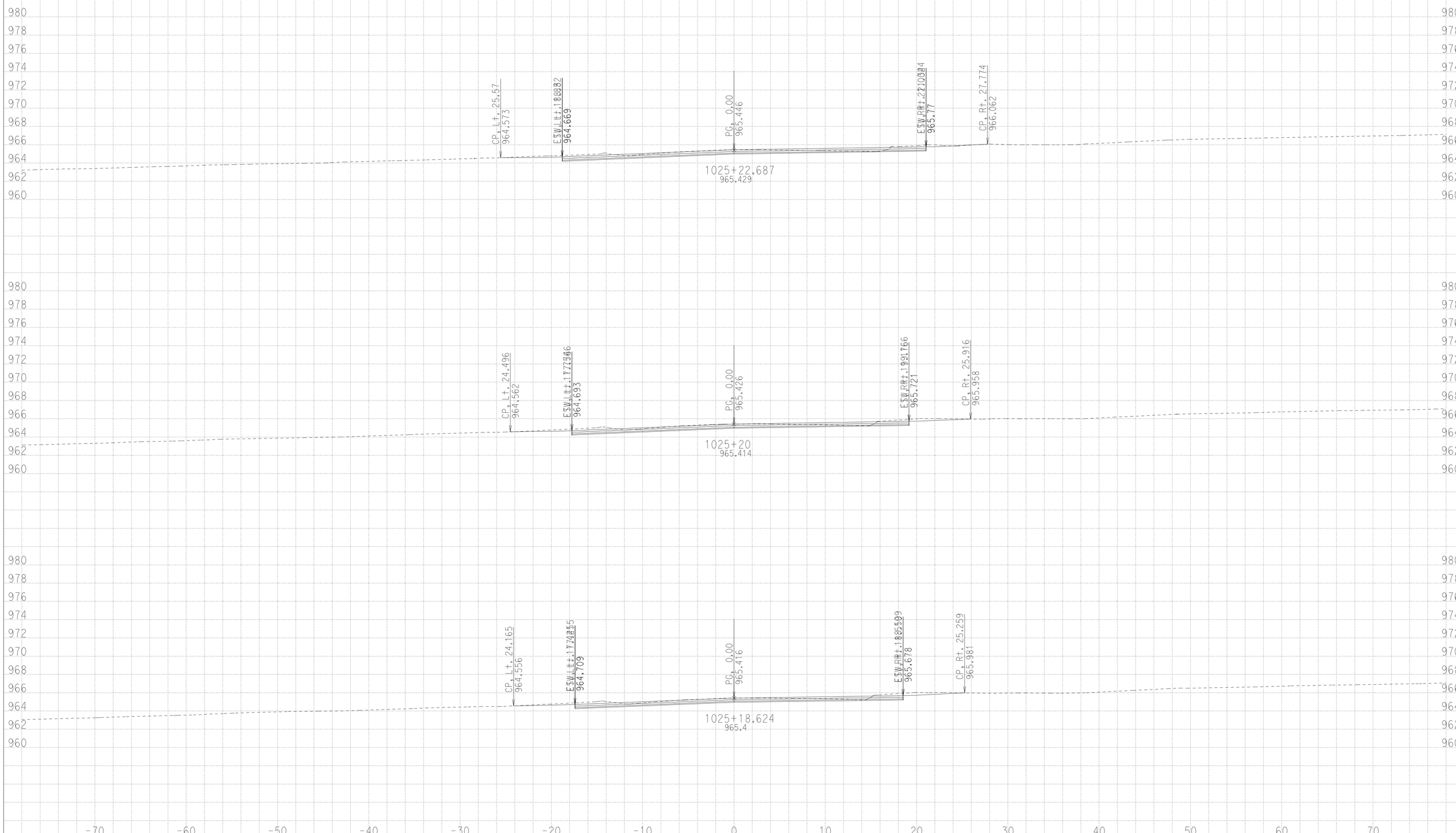
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

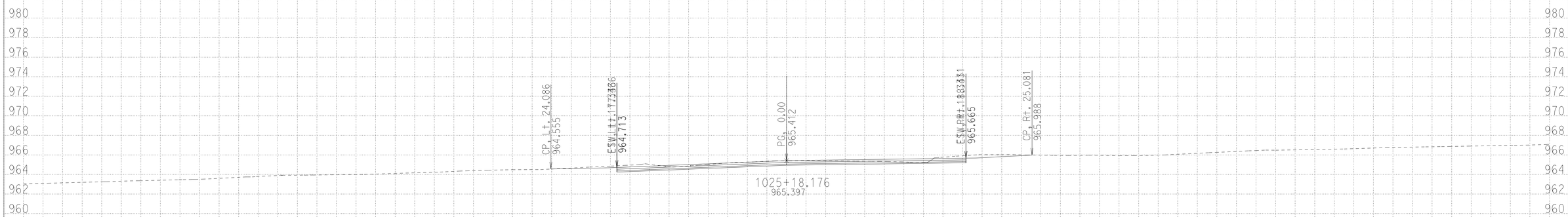
Scale Ratio: 1:200 Horiz.
1:200 Vert.

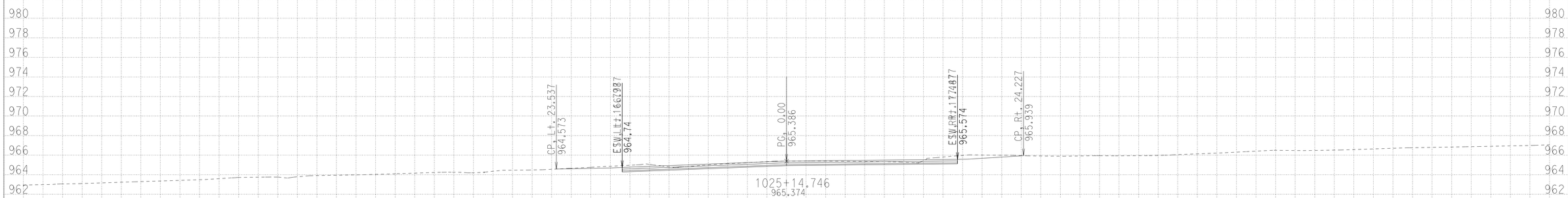
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

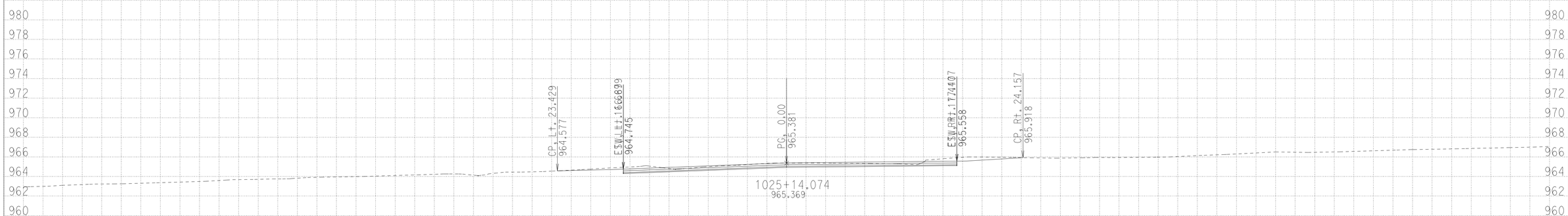
HAL1
CROSS SECTIONS

SHEET 15 OF XXX

DESIGN STUDY ONLY







-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

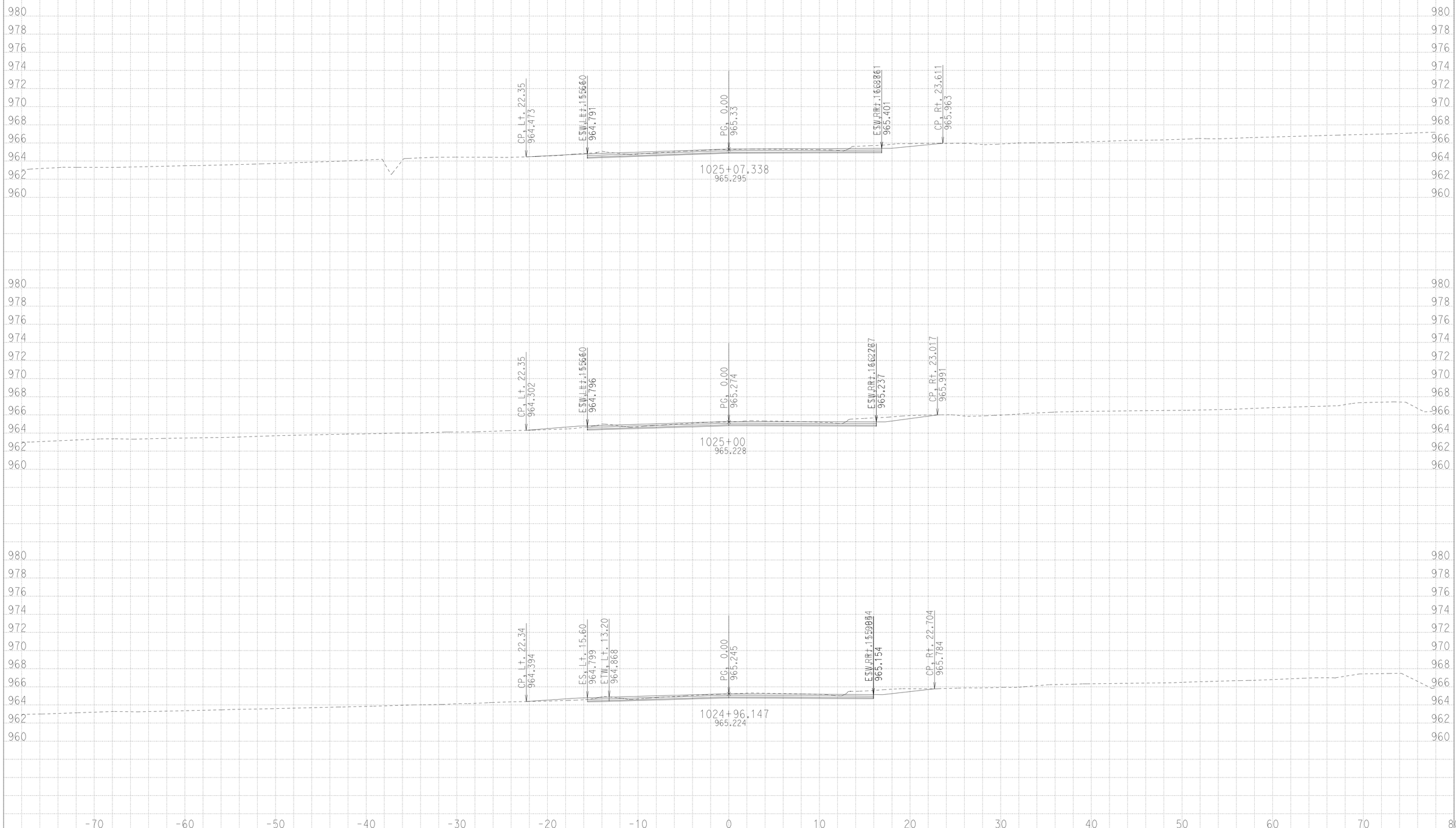
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 14 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

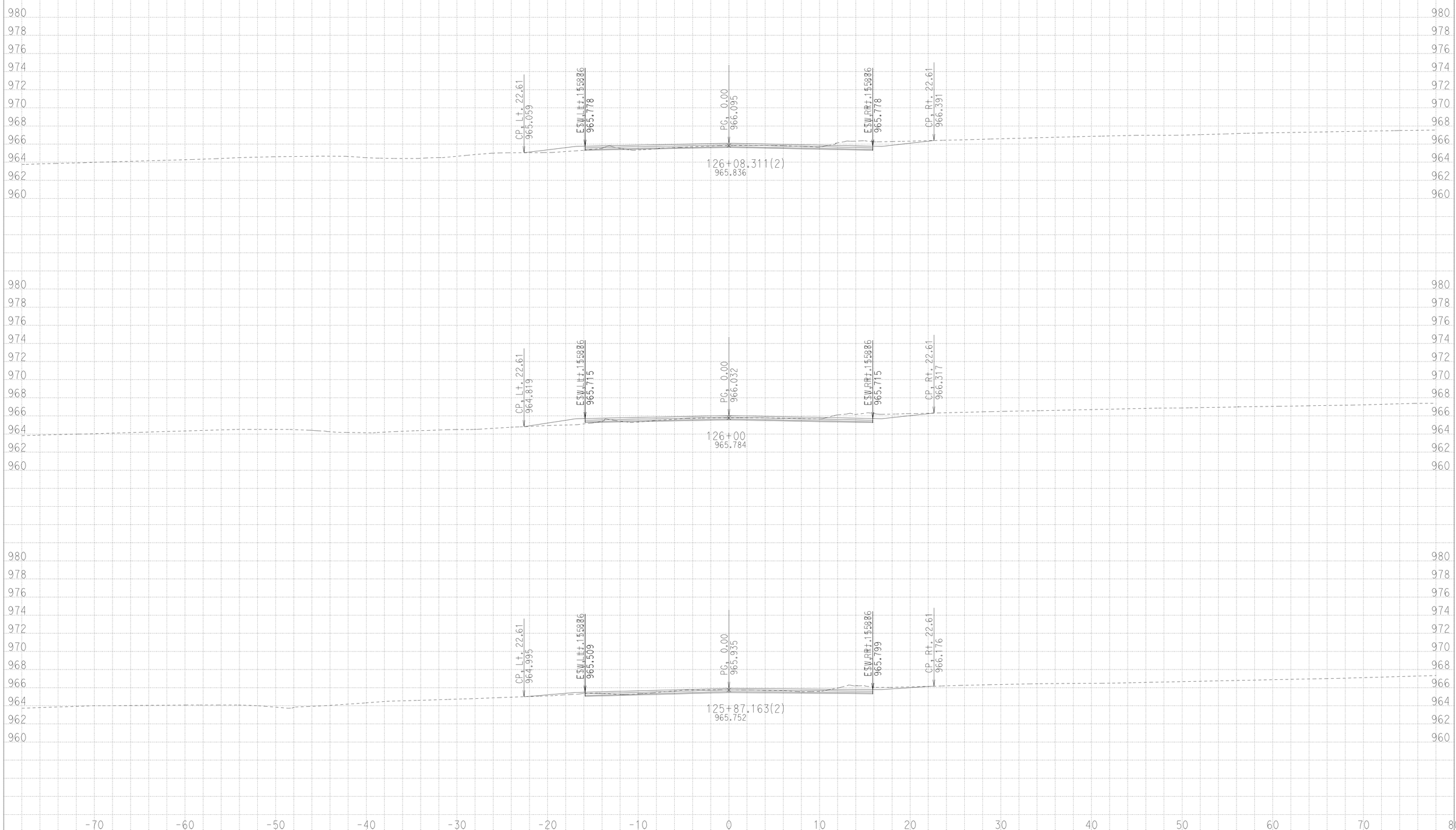
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 13 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

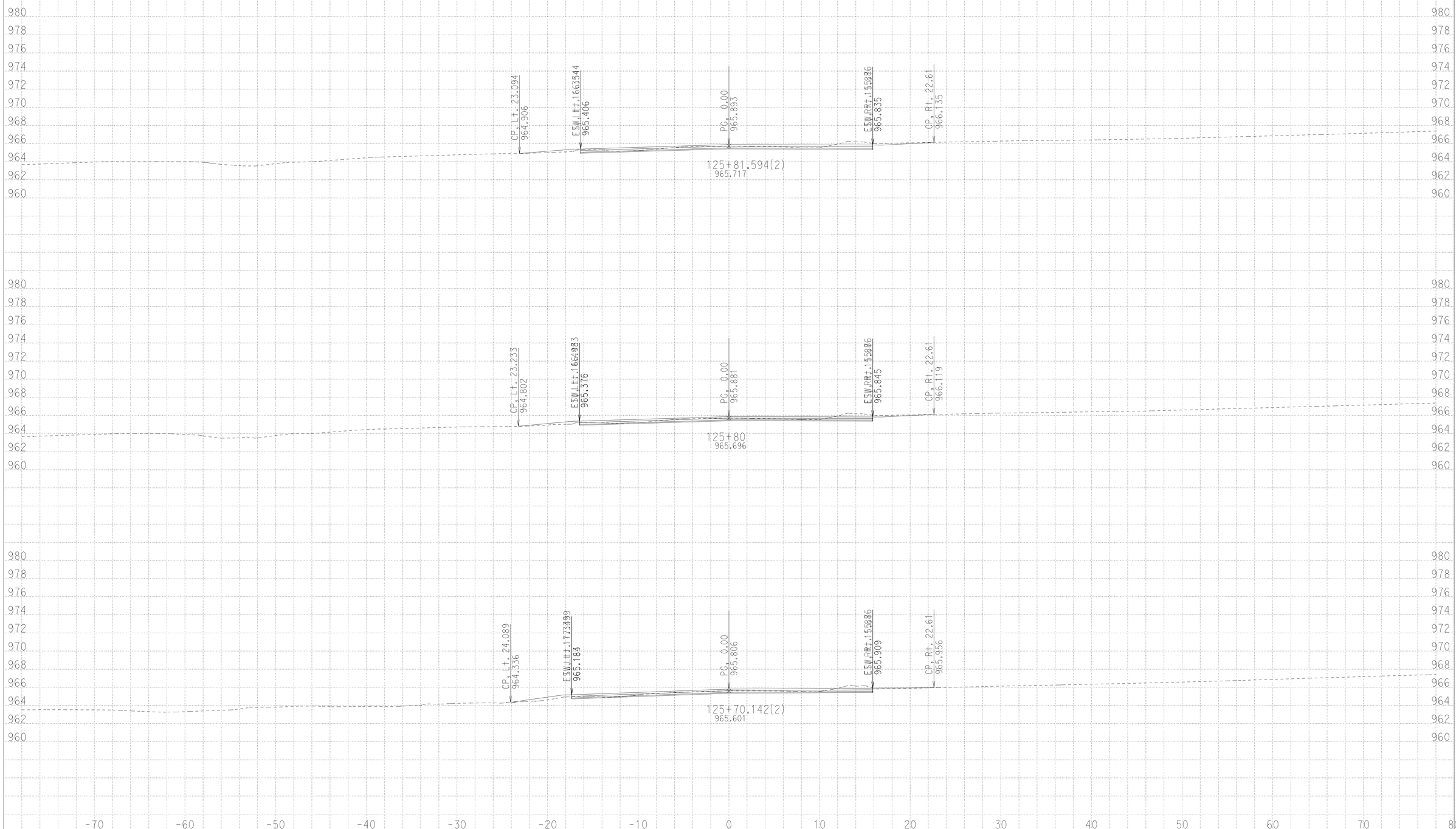
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 24 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

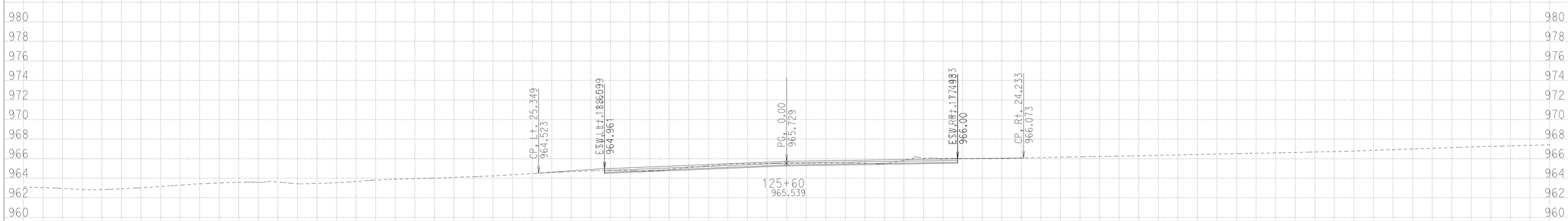
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 23 OF XXX

DESIGN STUDY ONLY



-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

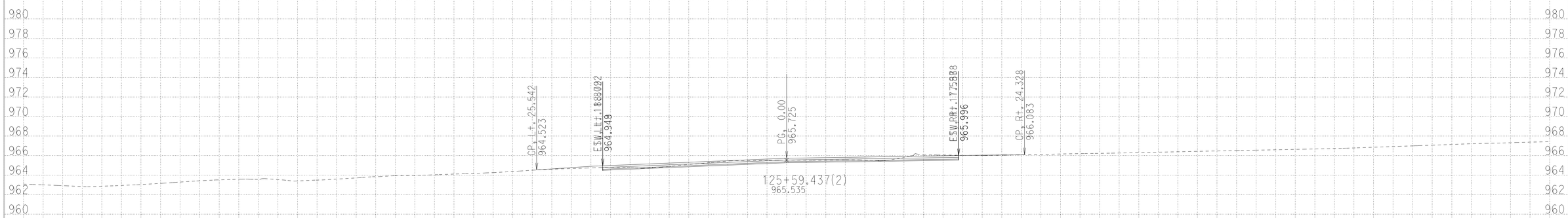
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

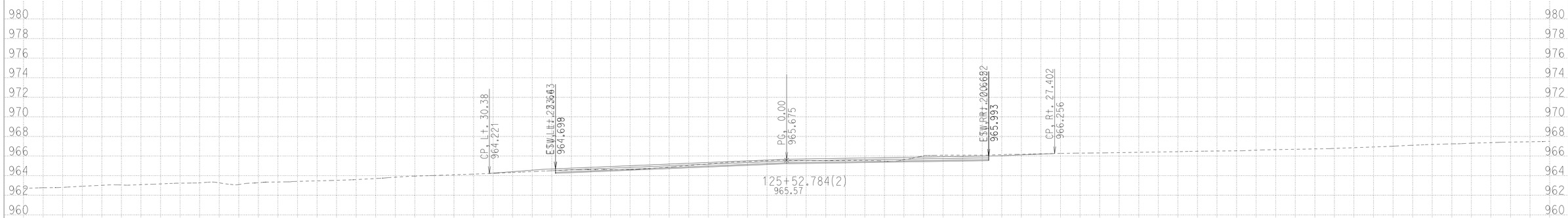
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 21 OF XXX

DESIGN STUDY ONLY



-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

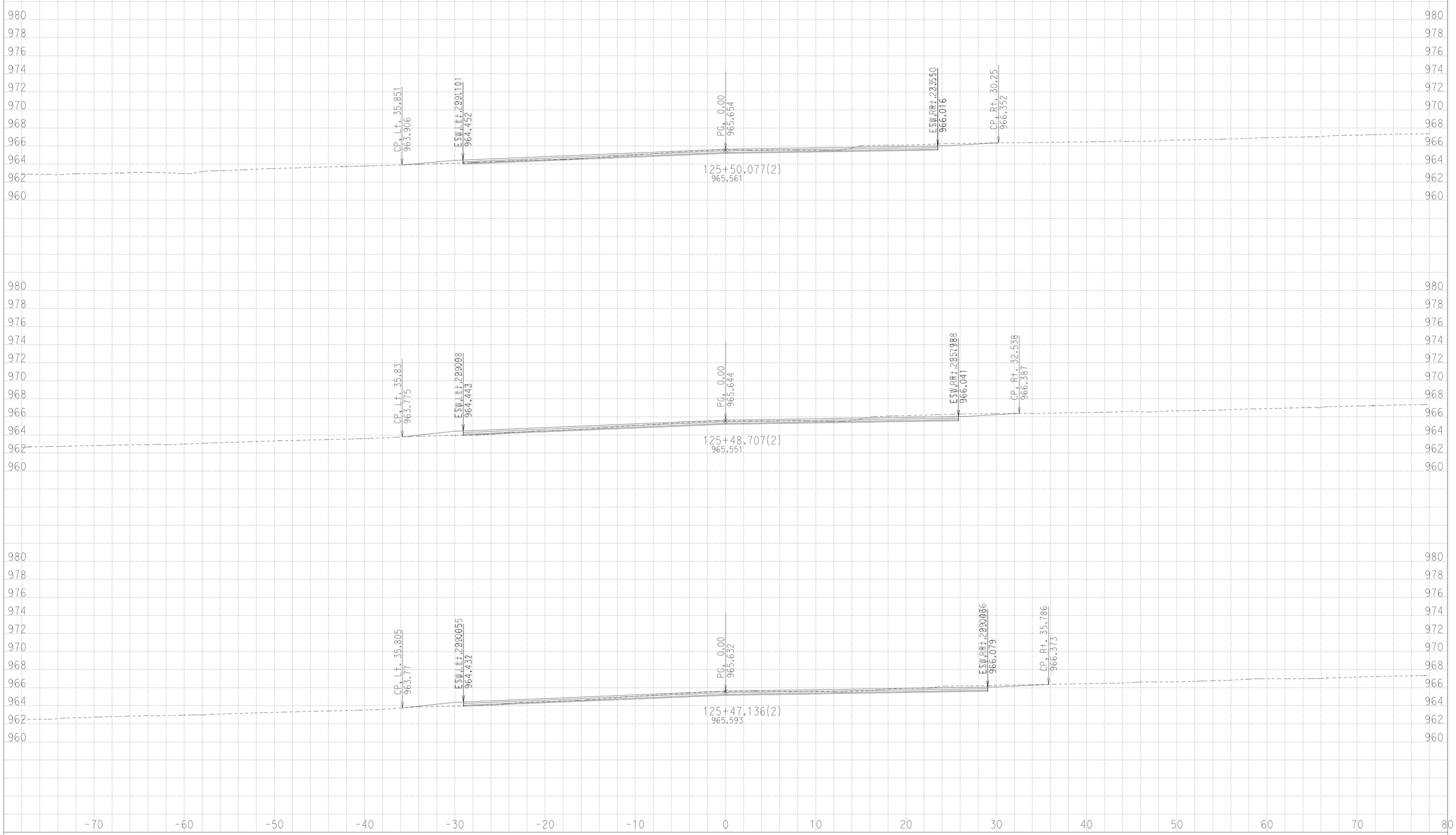
Scale Ratio: 1:200 Horiz. 1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 20 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

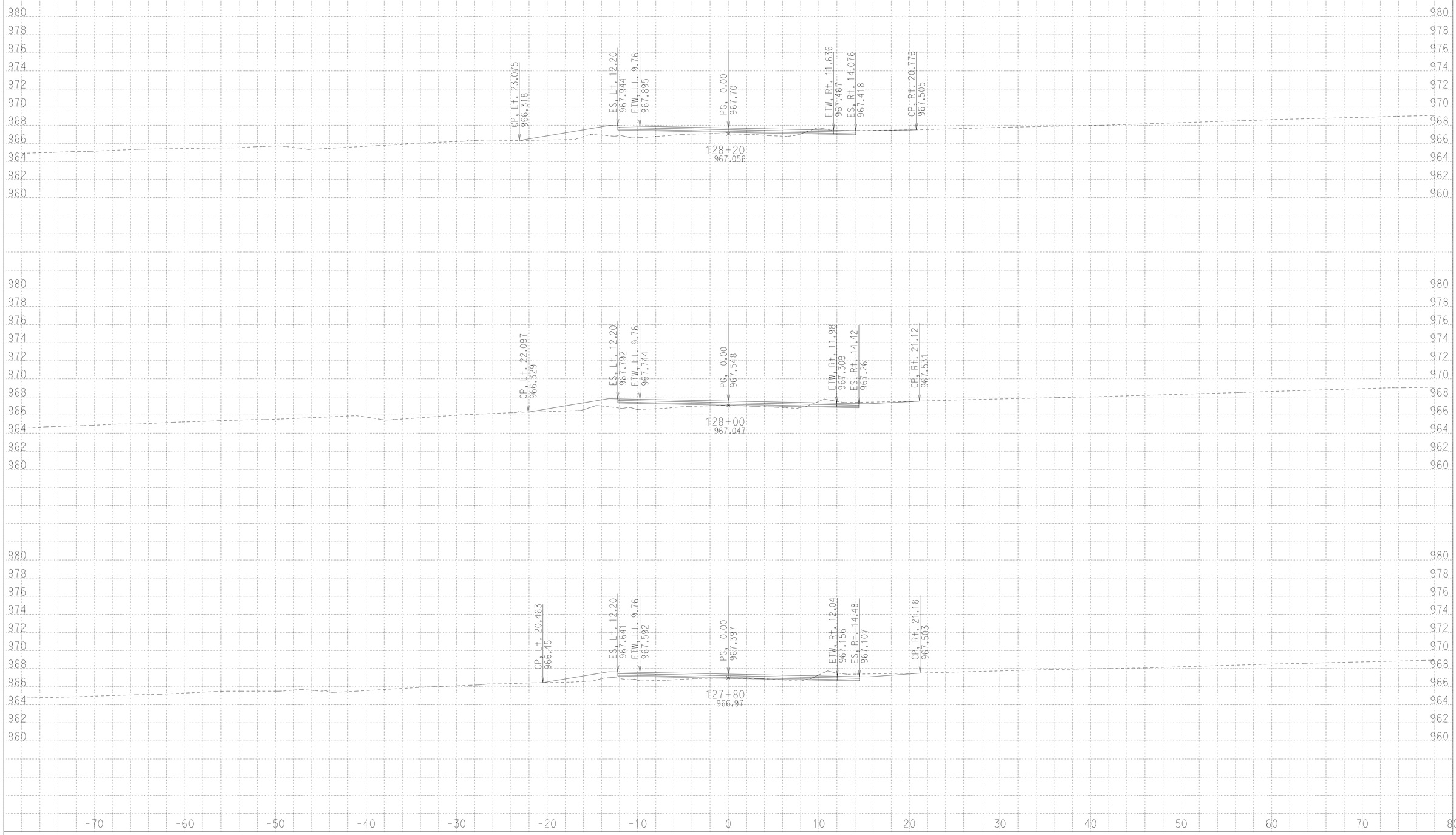
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 19 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

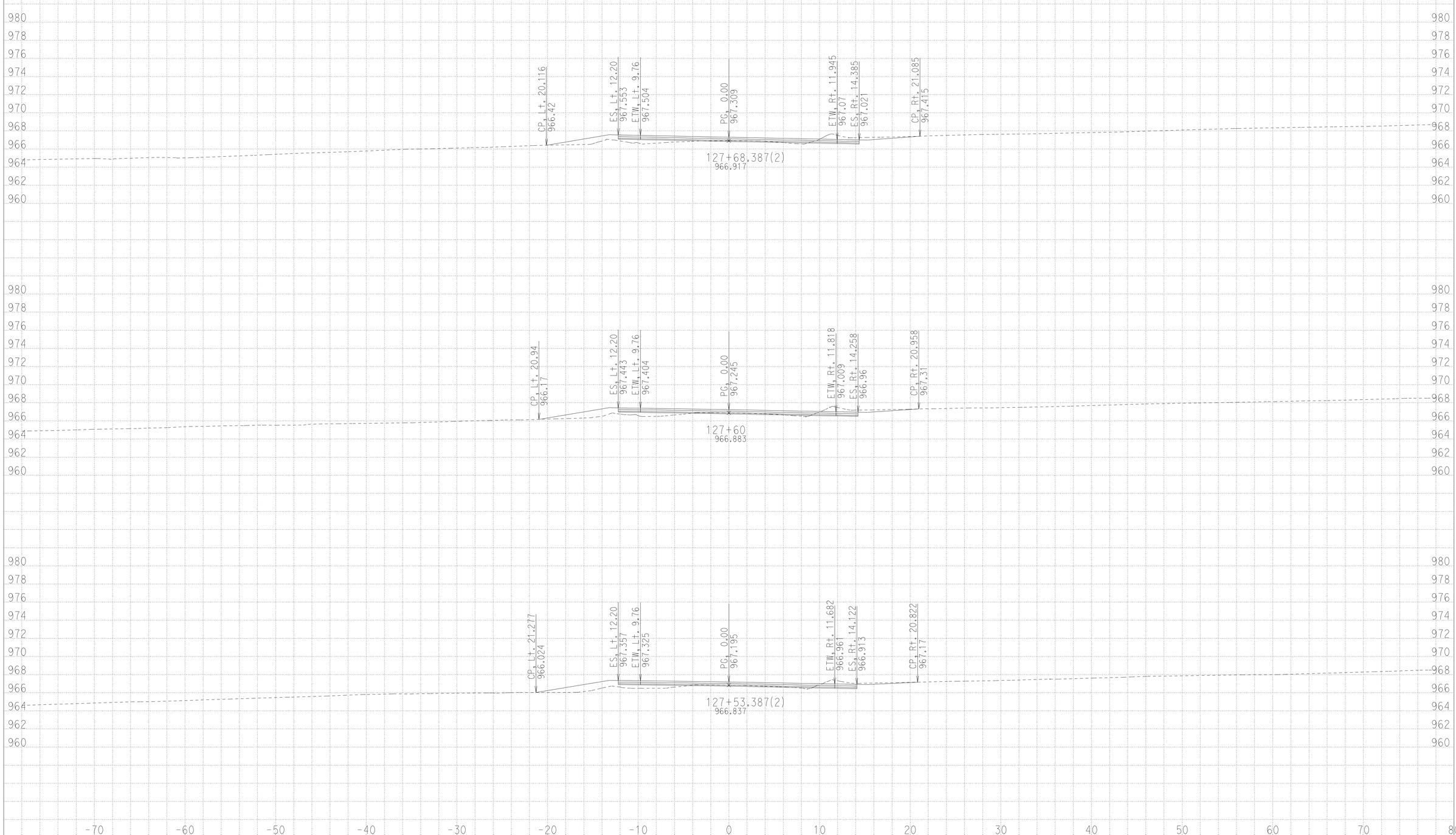
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 30 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

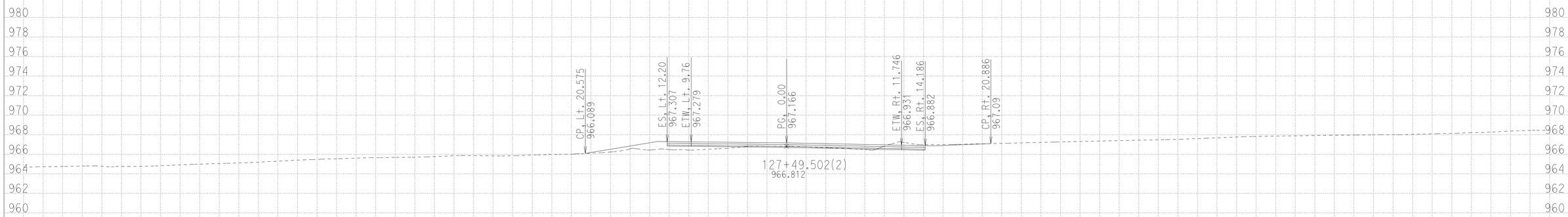
Scale Ratio: 1:200 Horiz.
1:200 Vert.

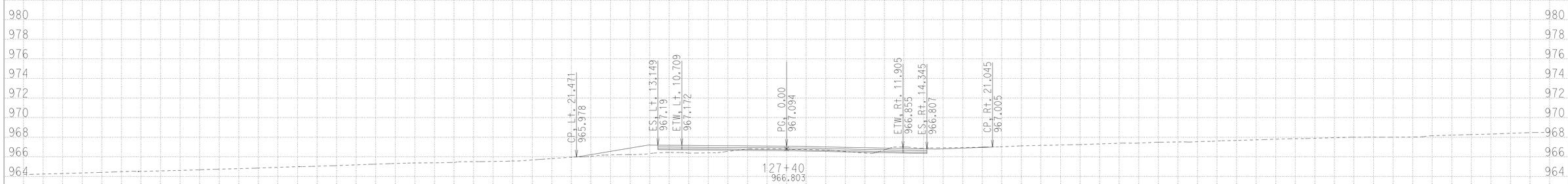
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

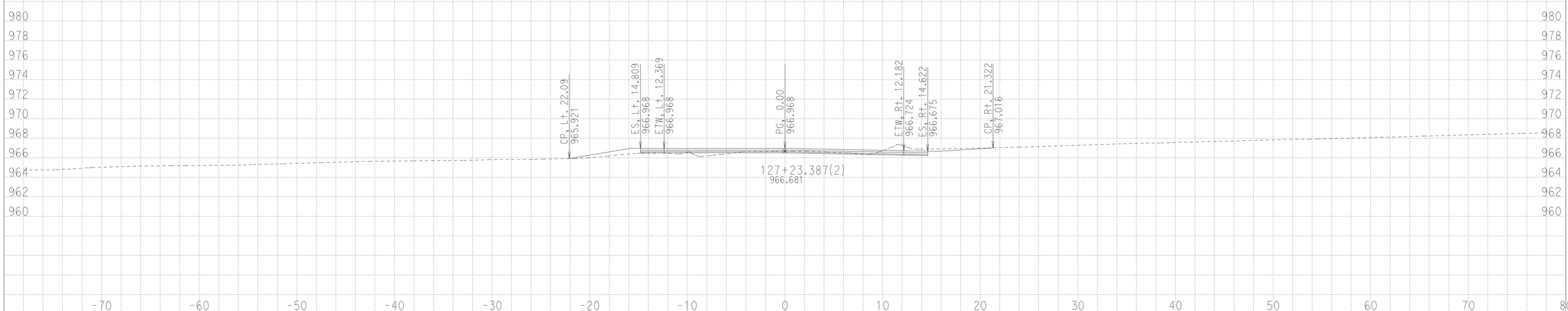
HAL1
CROSS SECTIONS

SHEET 29 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

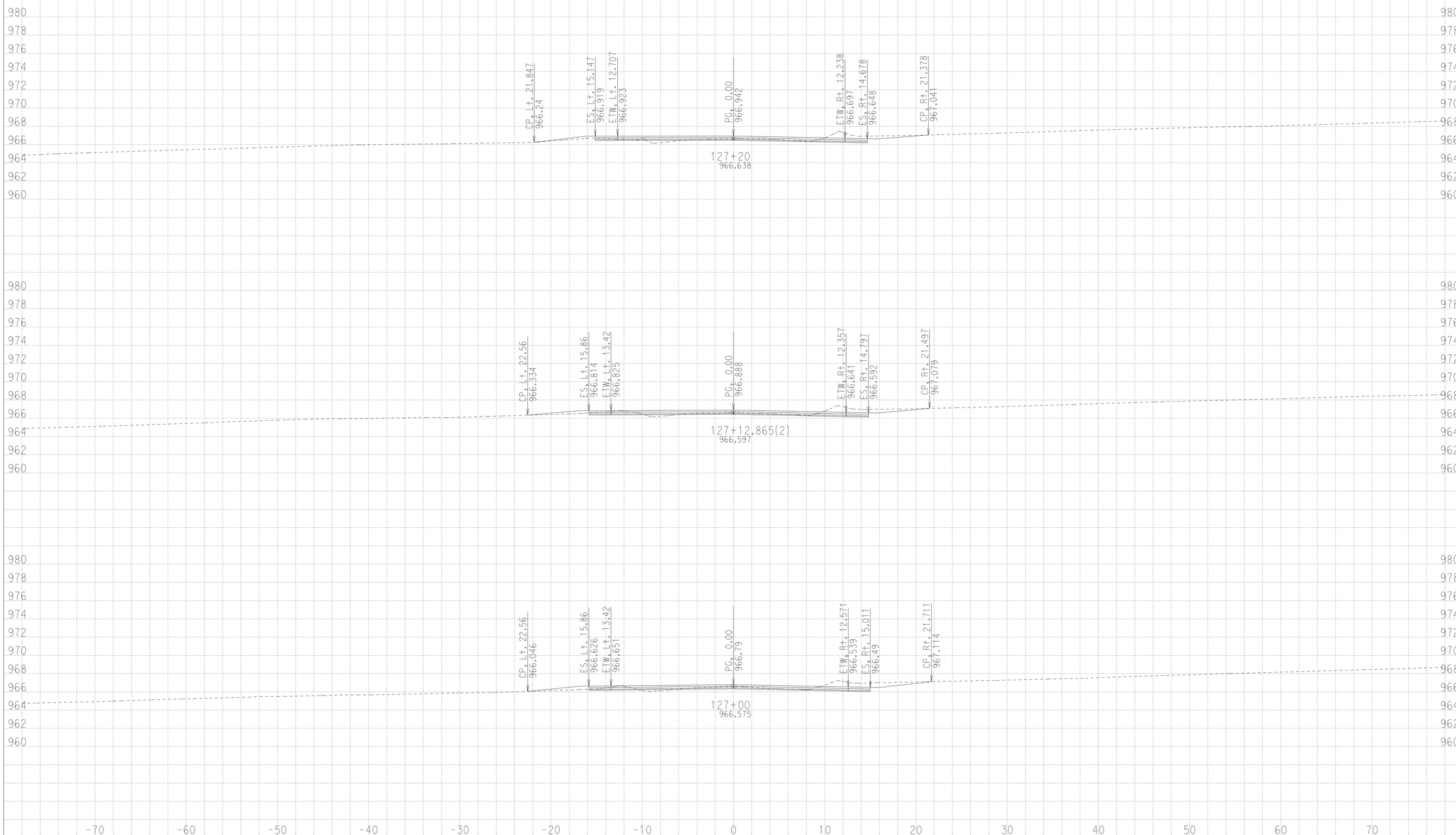
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 28 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

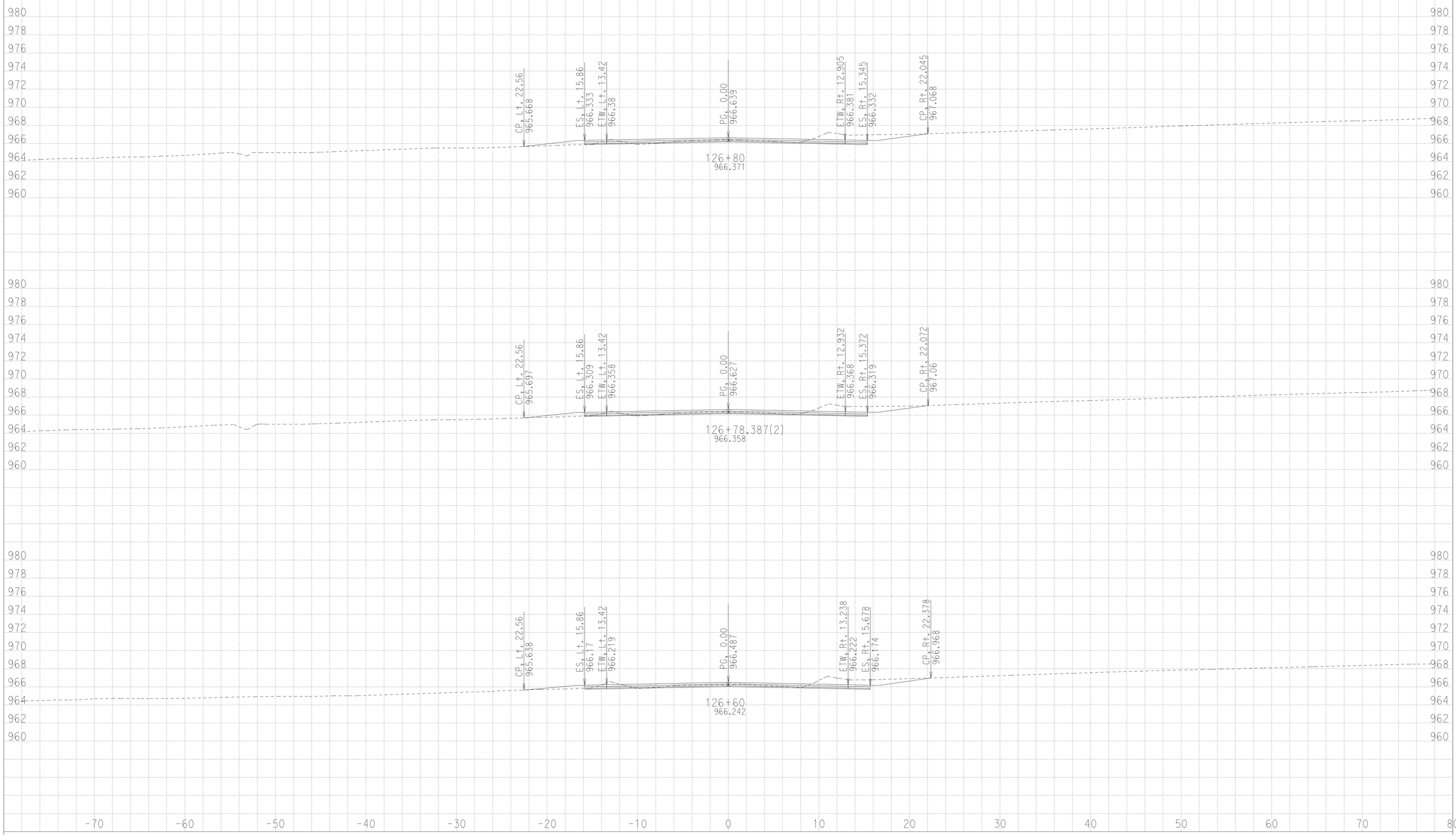
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 27 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

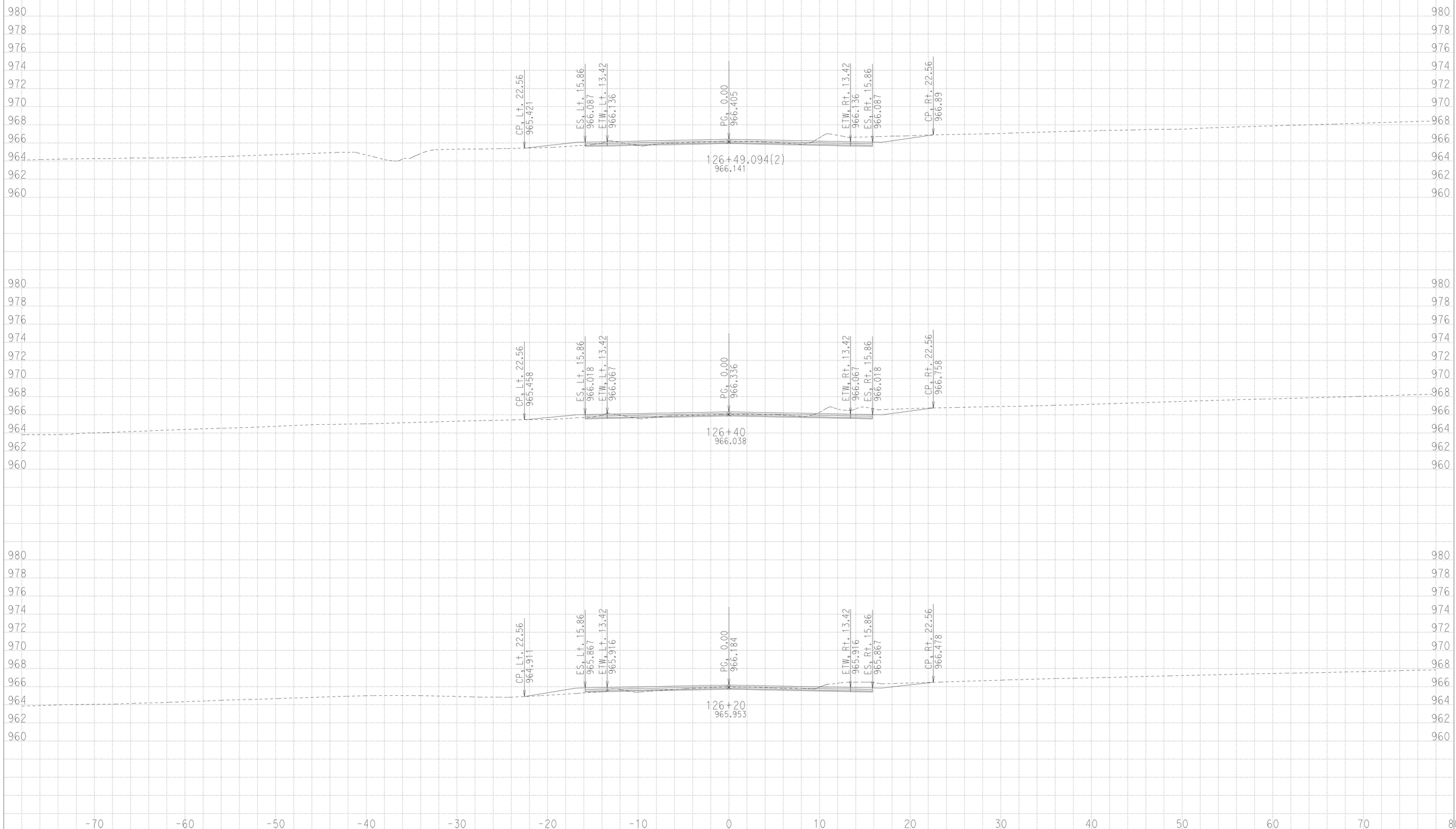
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 26 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

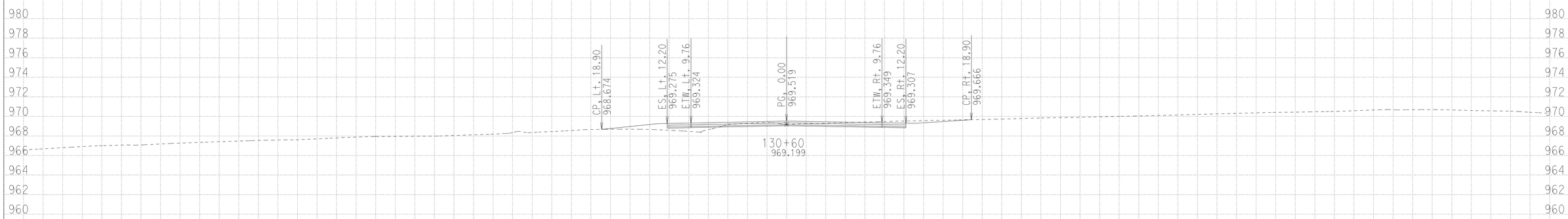
Scale Ratio: 1:200 Horiz.
1:200 Vert.

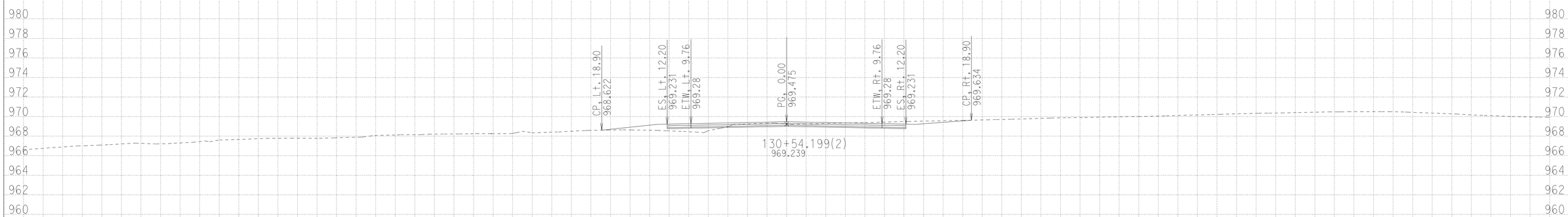
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

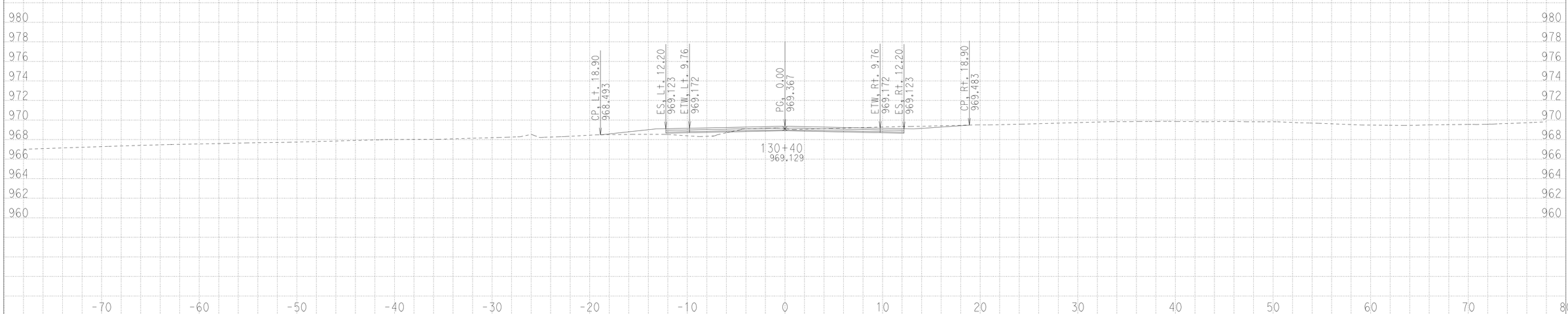
HAL1
CROSS SECTIONS

SHEET 25 OF XXX

DESIGN STUDY ONLY







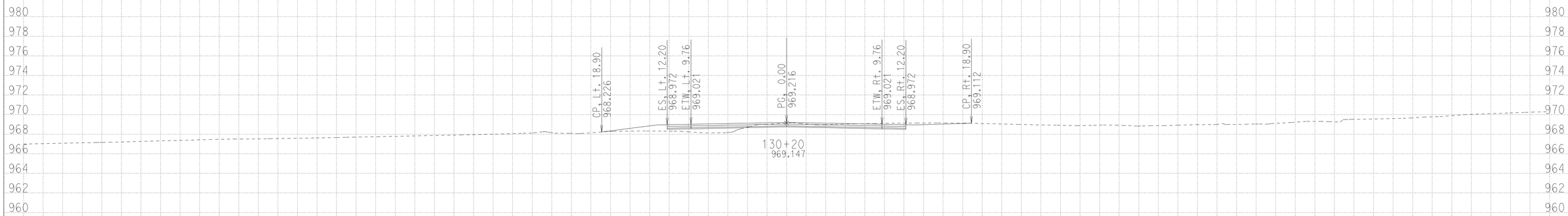
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

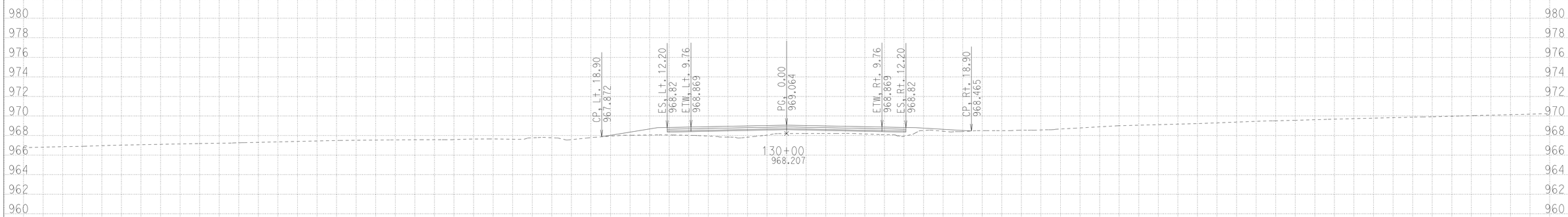
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

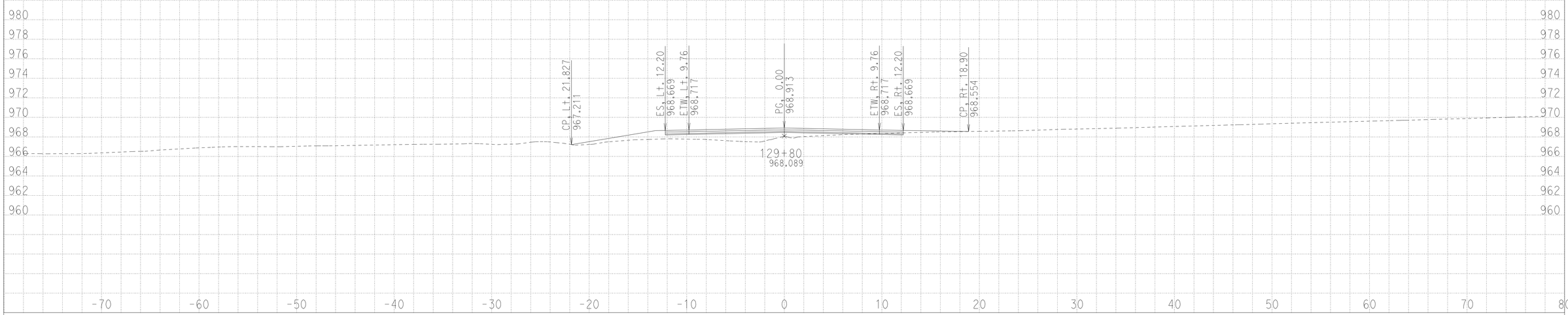
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY







CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

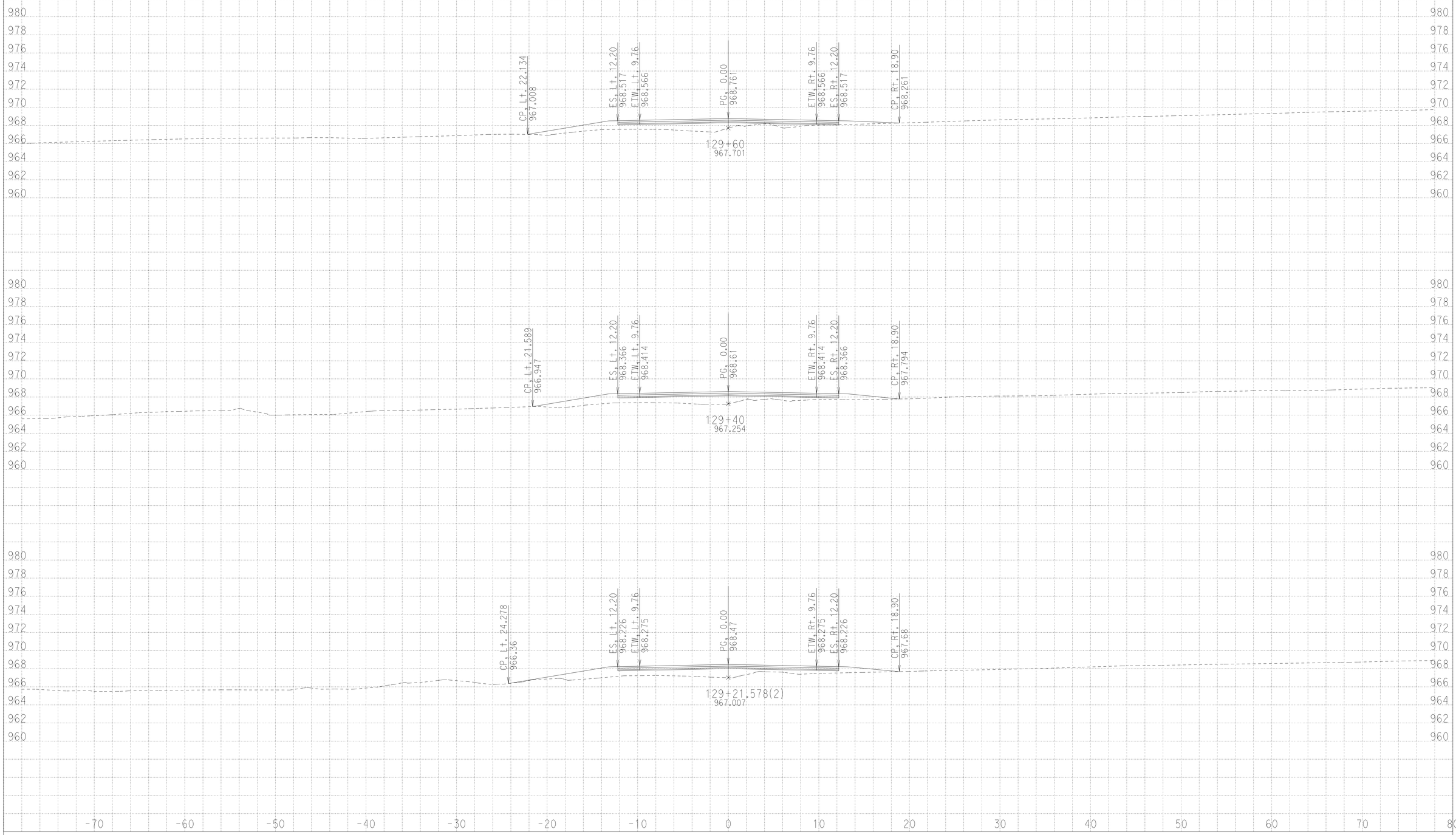
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 35 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

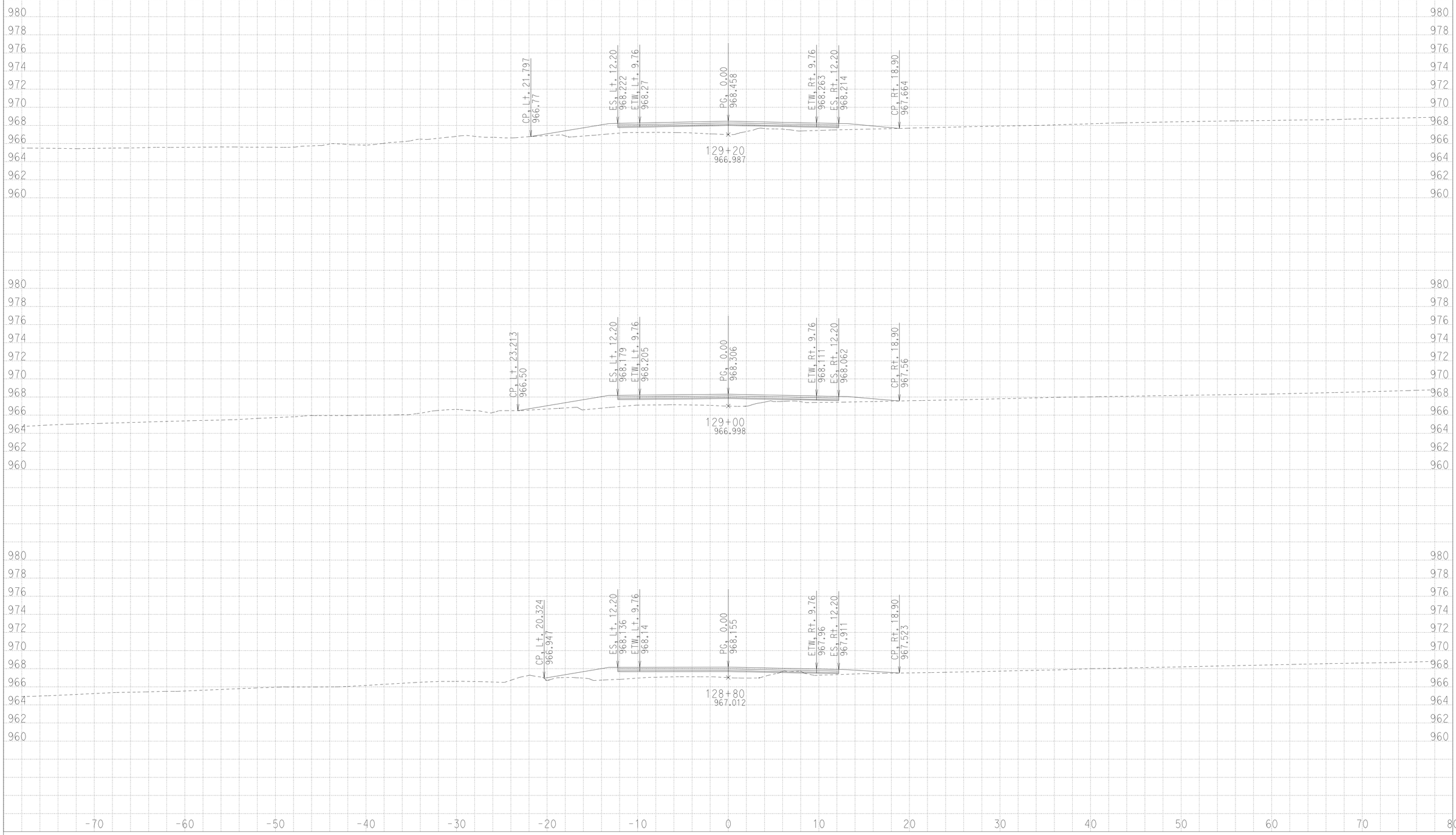
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 34 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

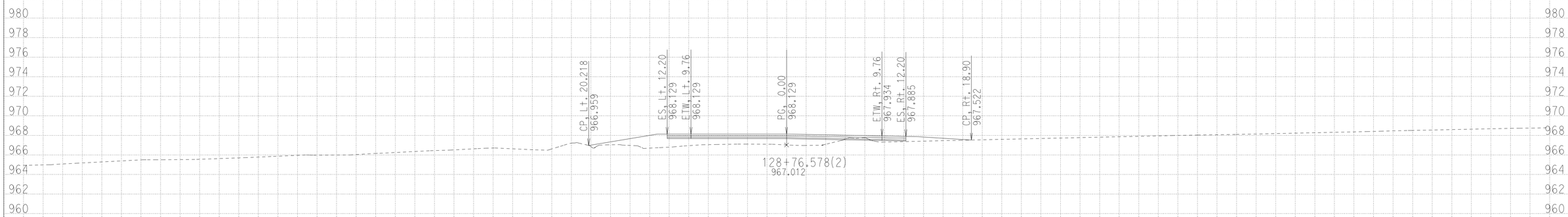
KC Project: SEG12

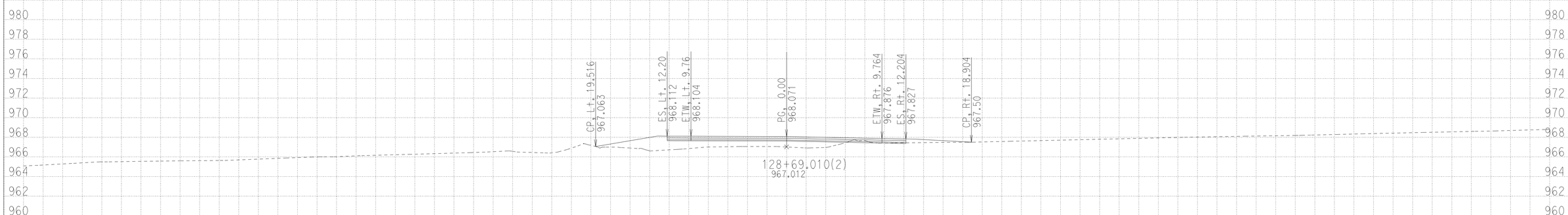
File: C:\Projects\SEG12\5-7-09dxs.ear

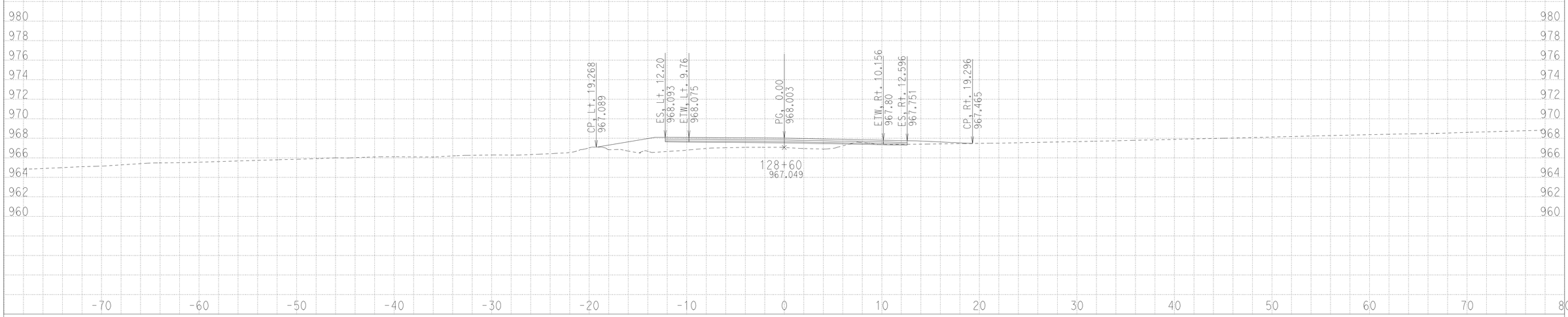
HAL1
CROSS SECTIONS

SHEET 33 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

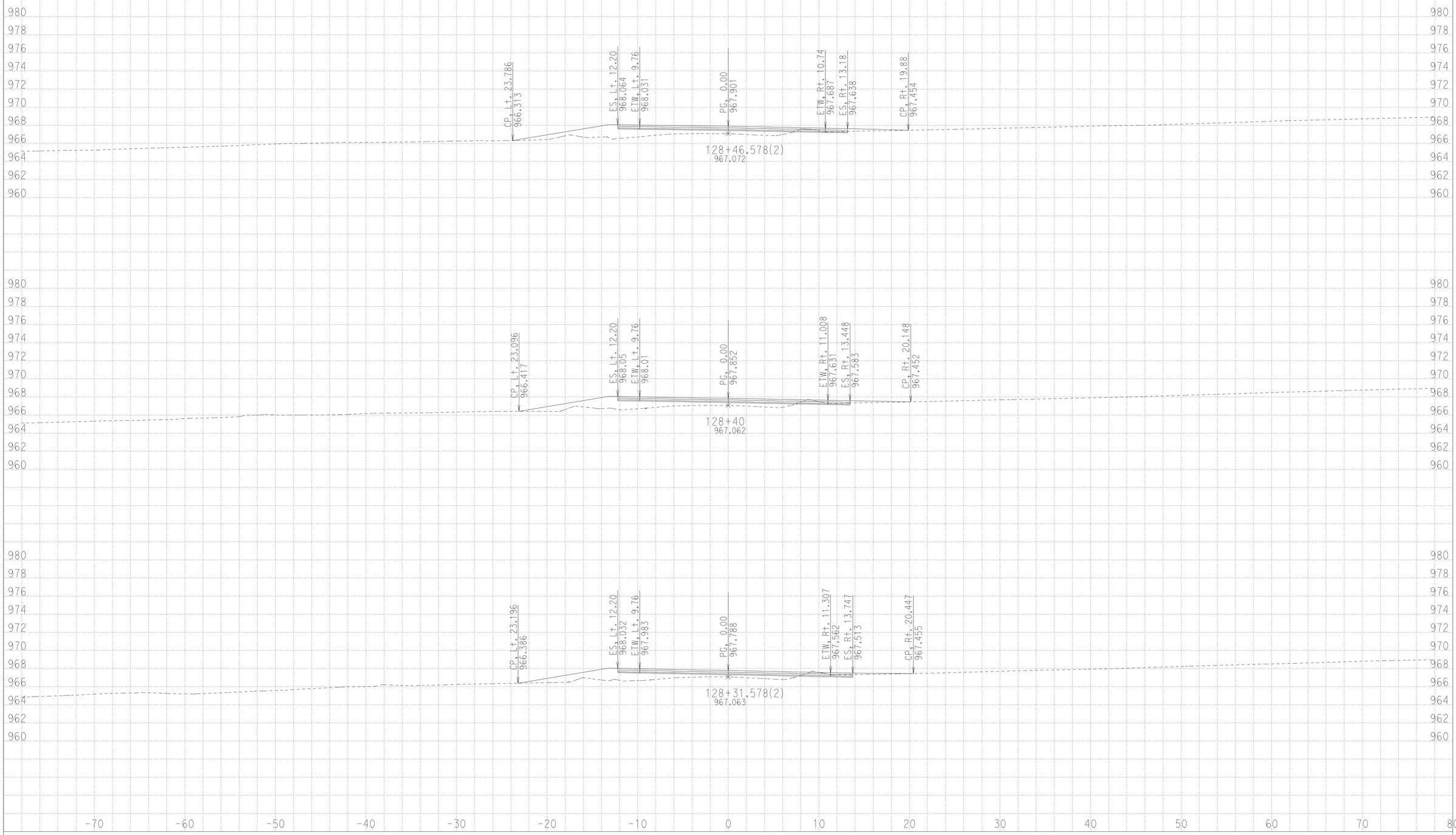
Scale Ratio: 1:200 Horiz. 1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 32 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

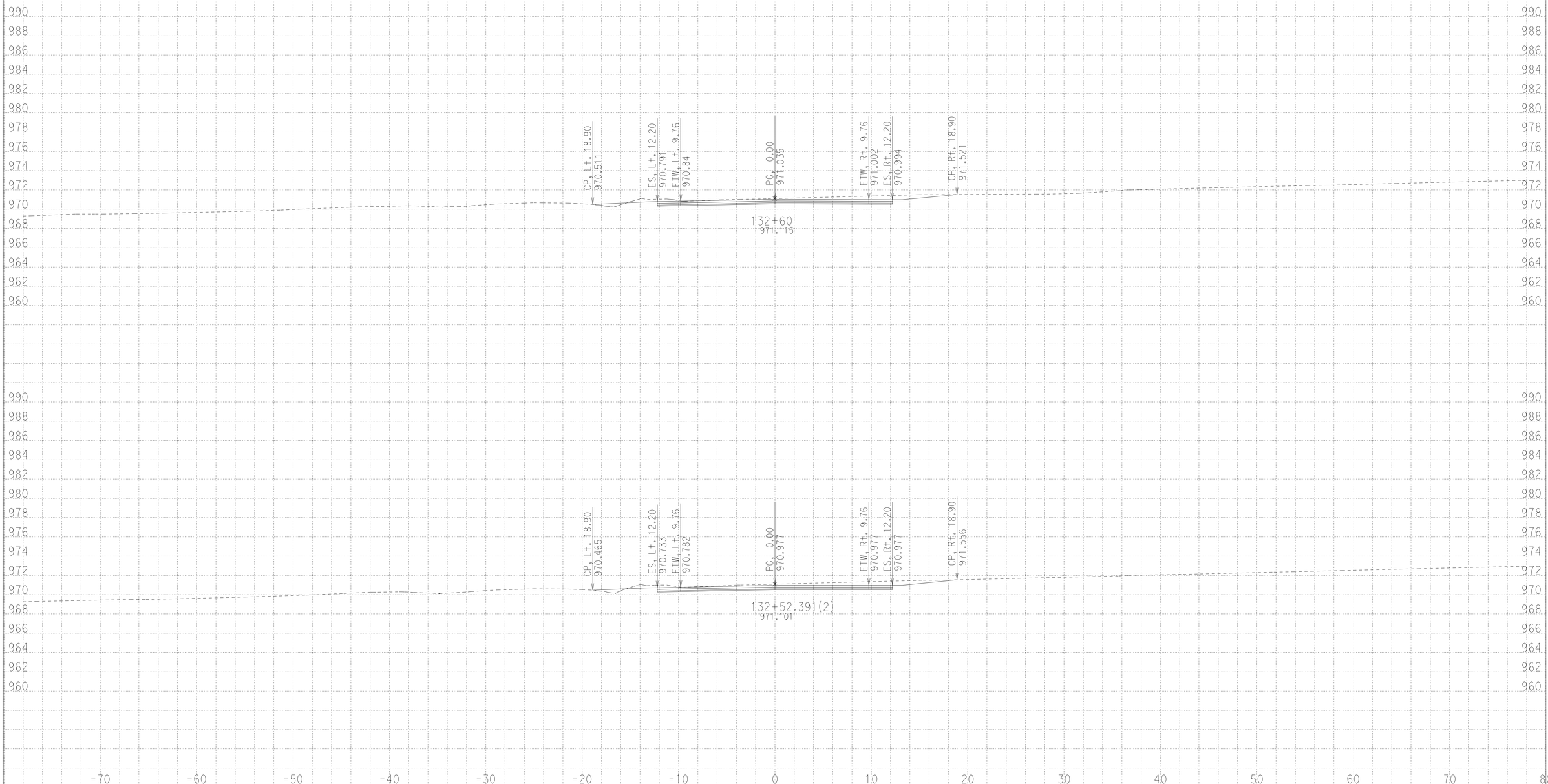
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 31 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

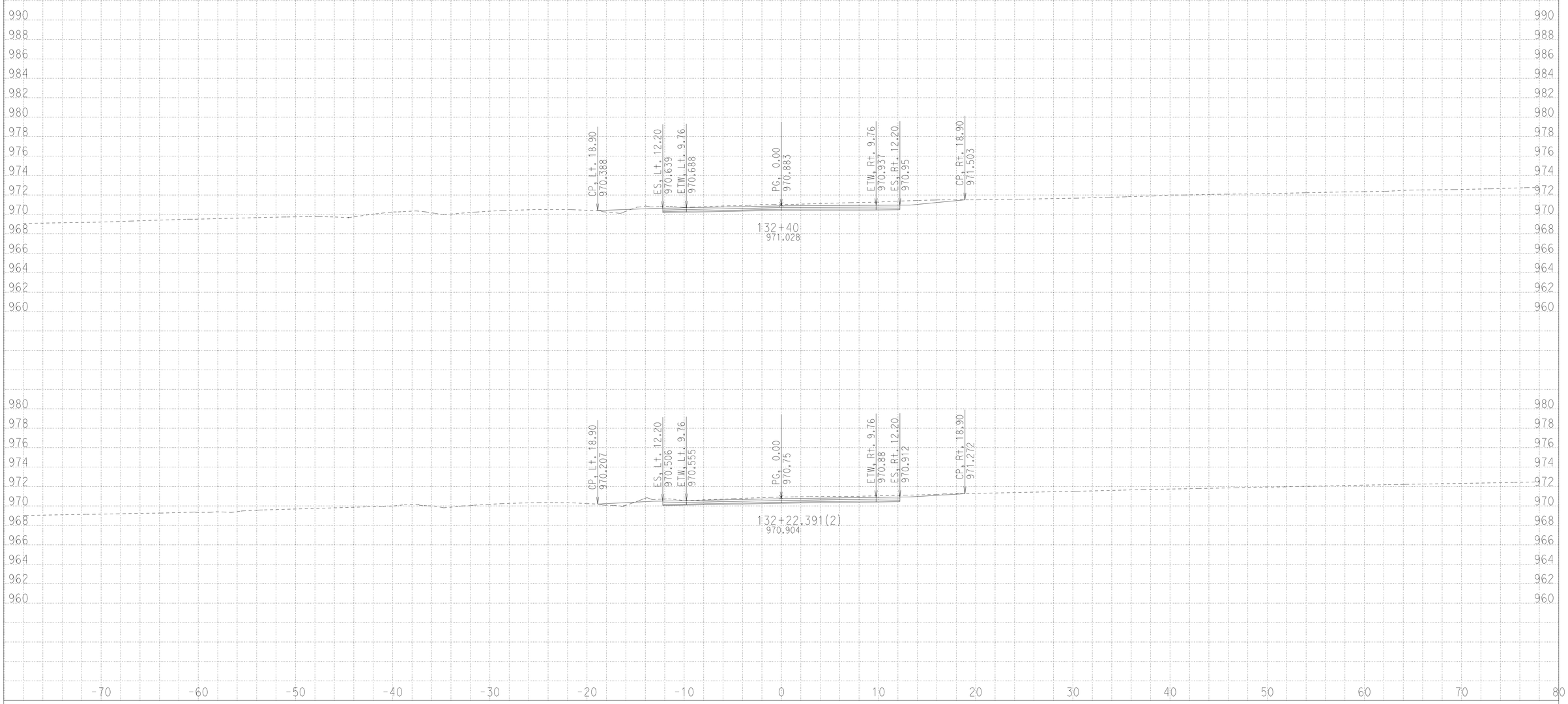
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 42 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

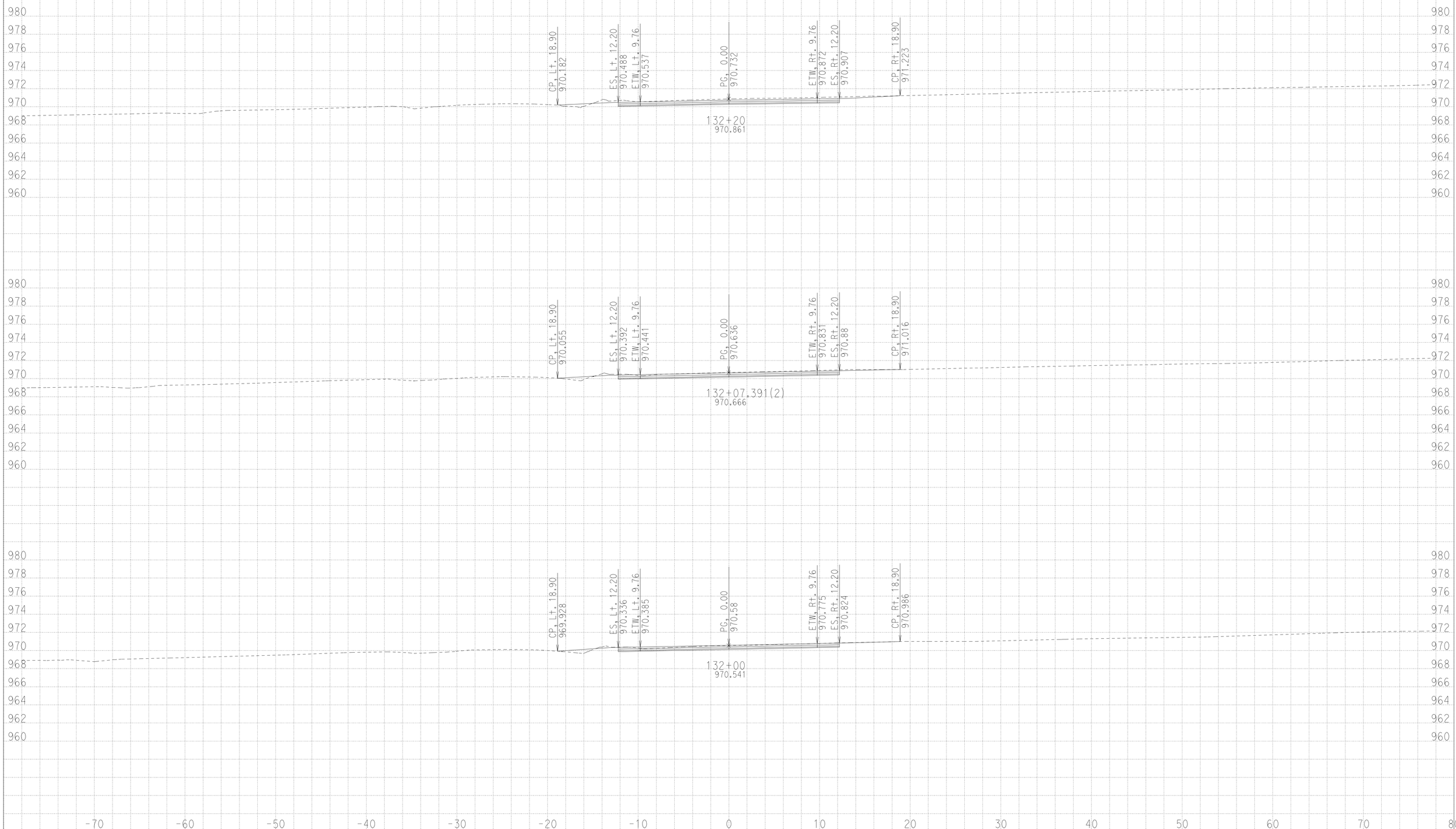
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 41 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

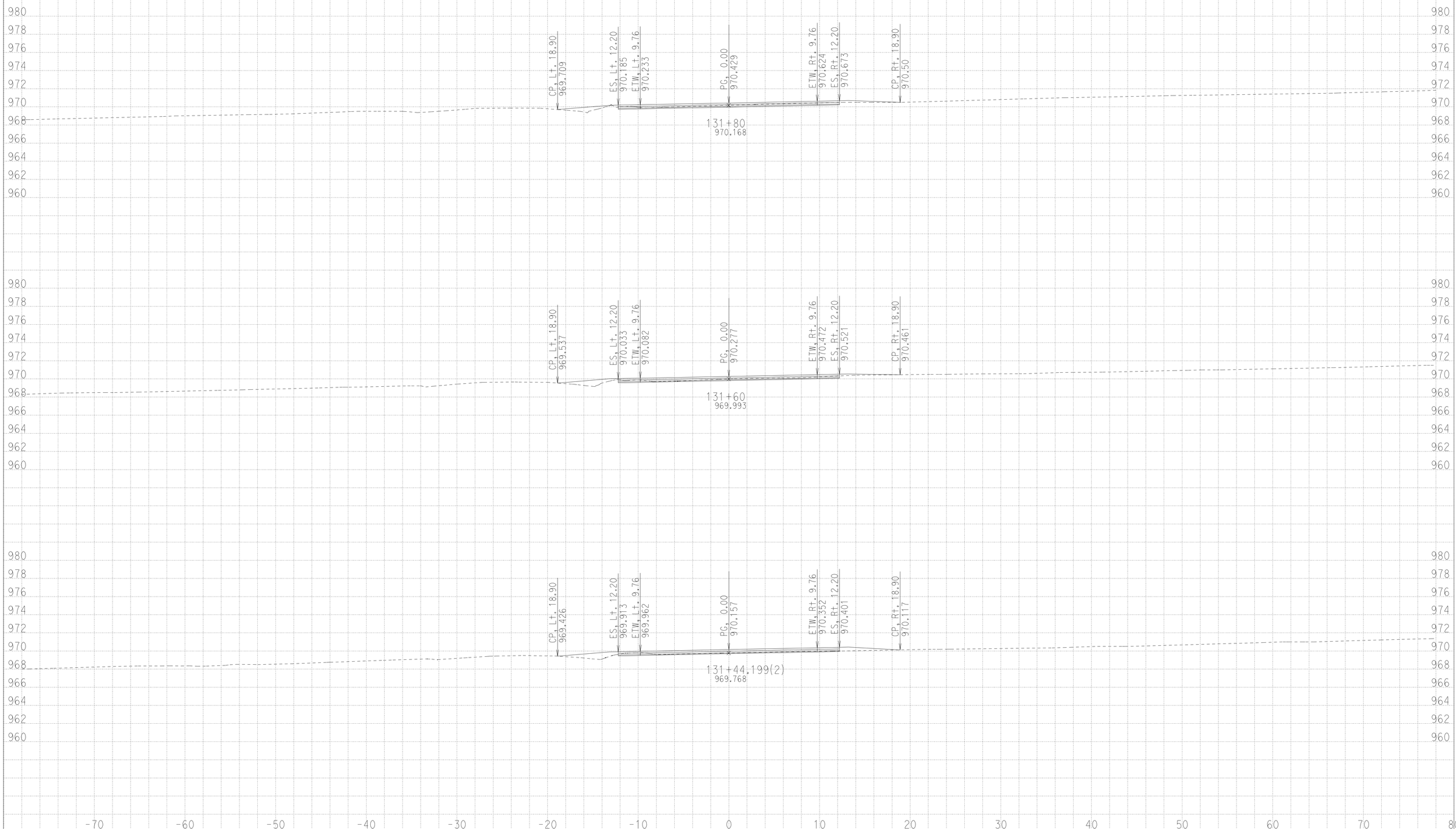
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 40 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

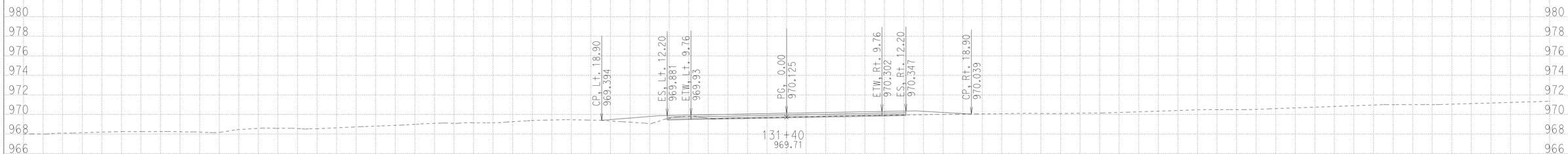
Scale Ratio: 1:200 Horiz.
1:200 Vert.

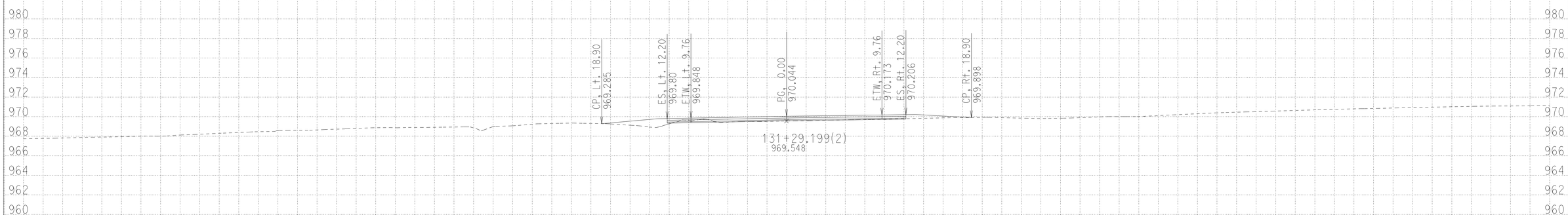
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

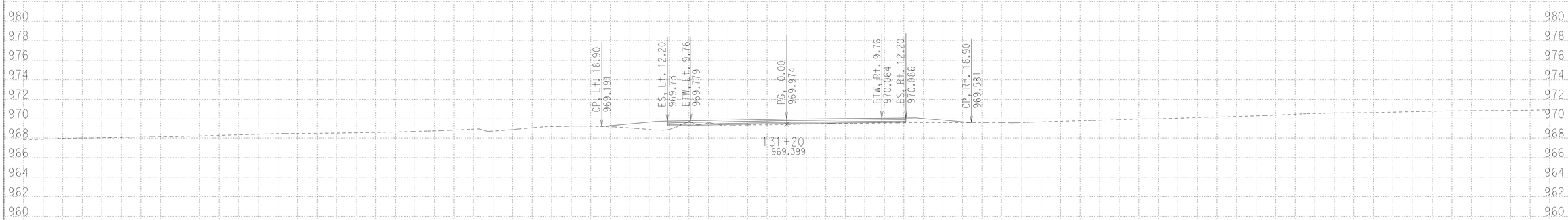
HAL1
CROSS SECTIONS

SHEET 39 OF XXX

DESIGN STUDY ONLY







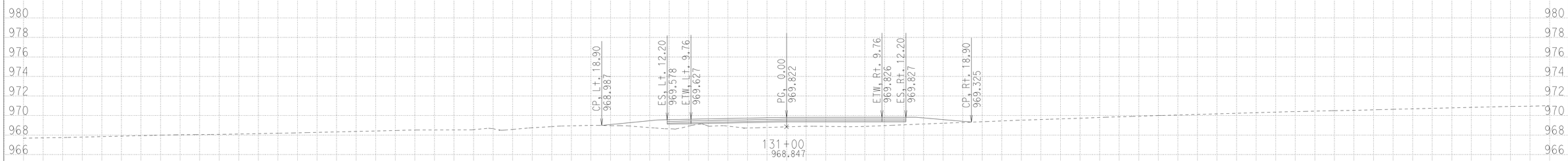
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

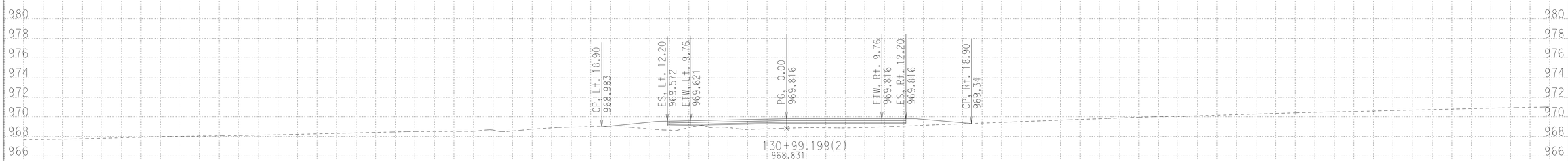
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

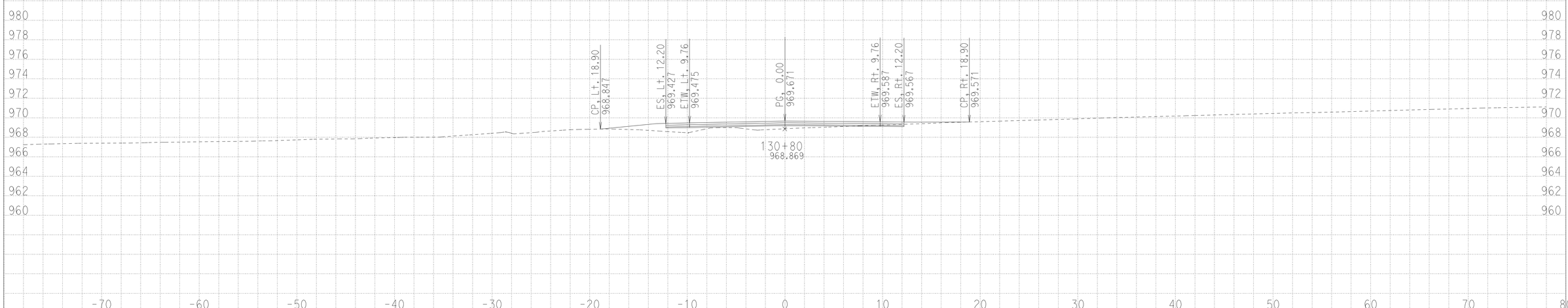
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY







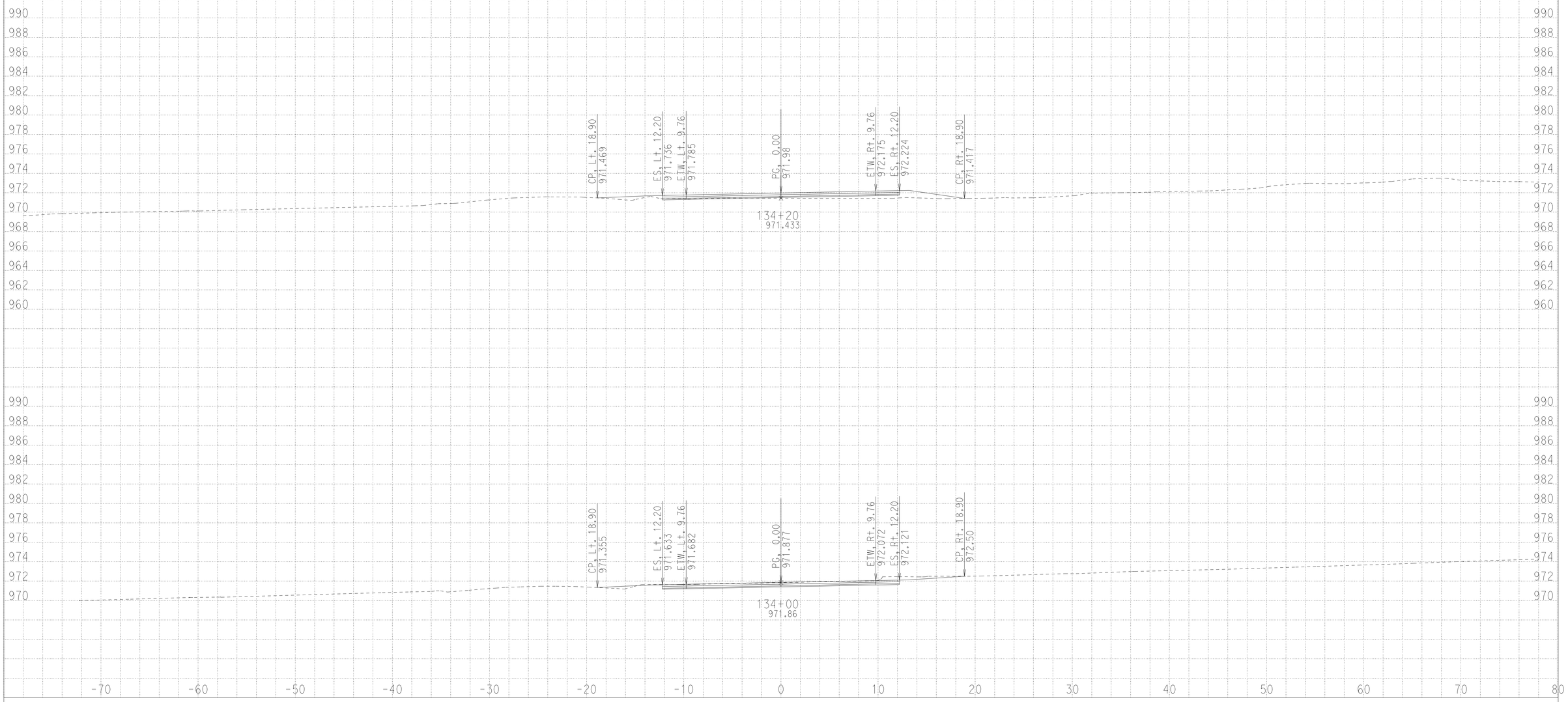
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

Scale Ratio: 1:200 Horiz. 1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

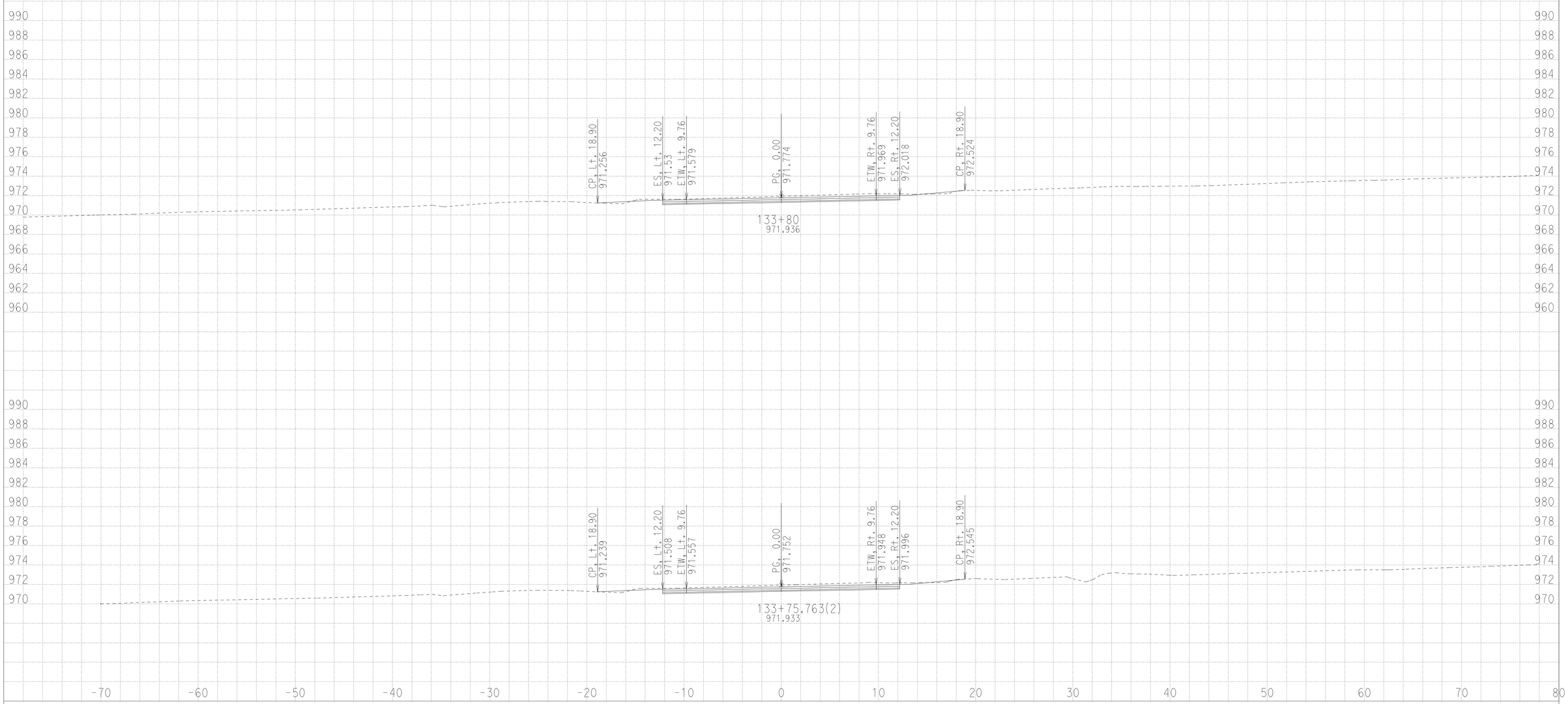
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 48 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

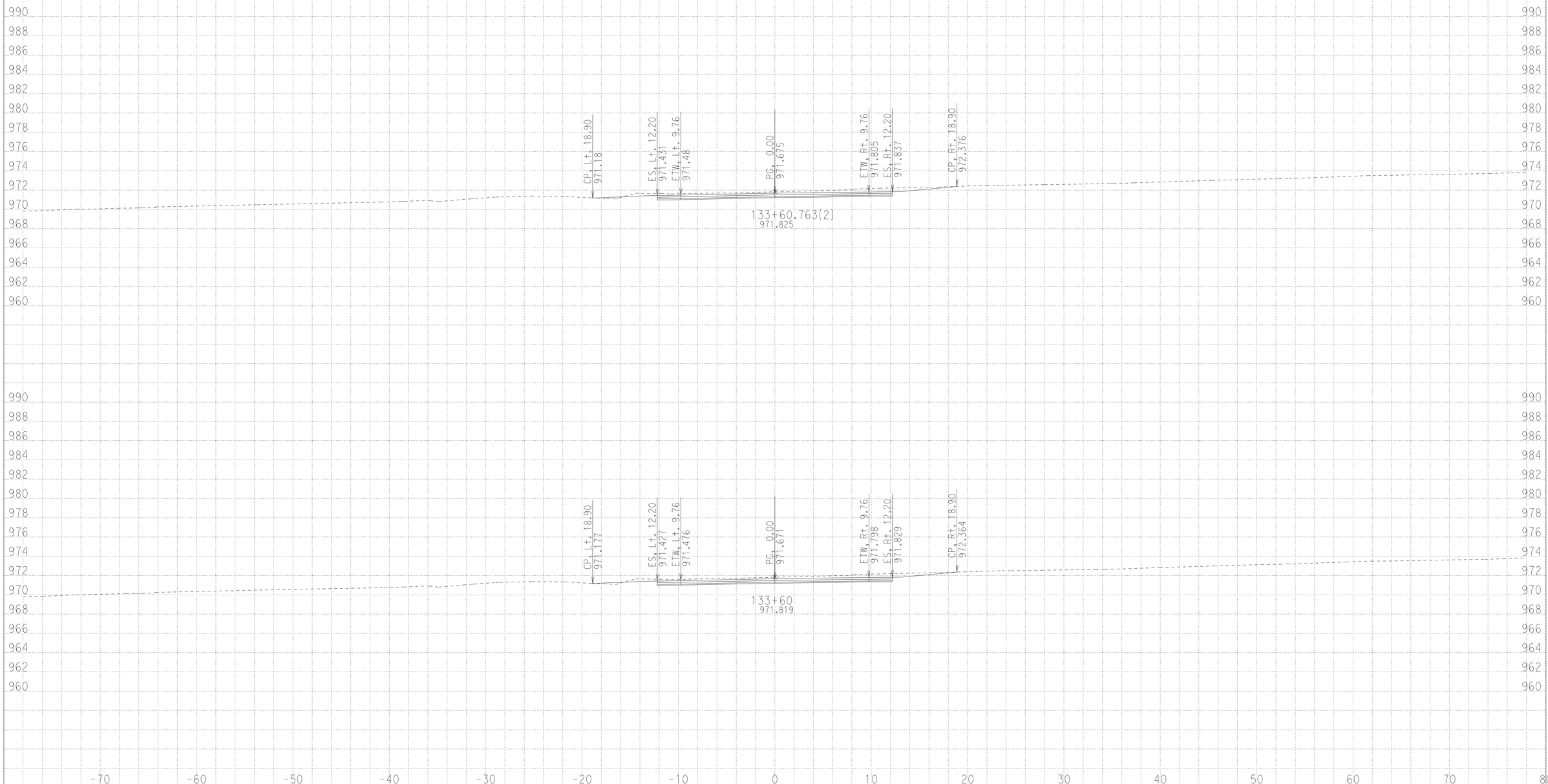
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 47 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

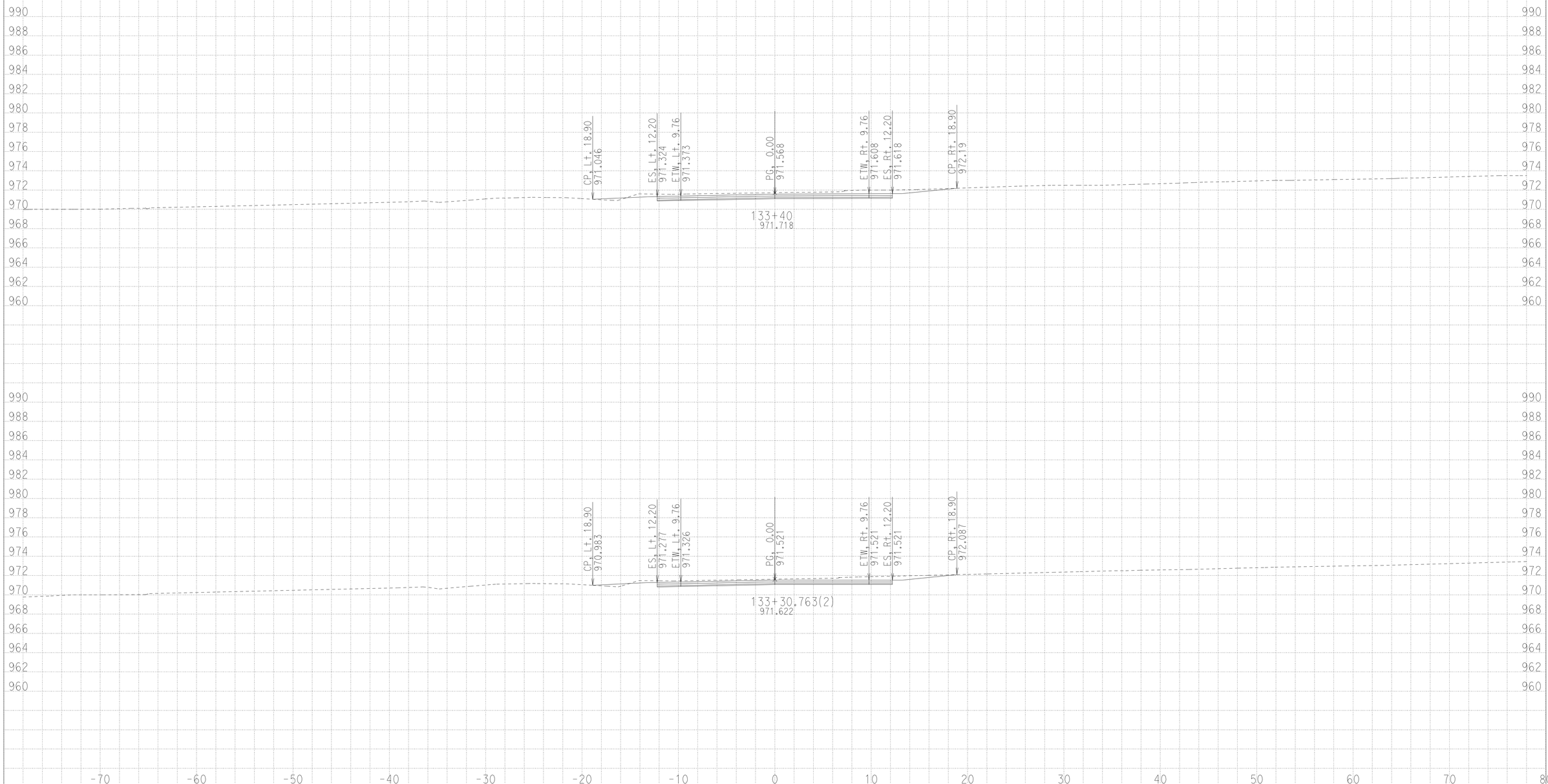
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 46 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 45 OF XXX

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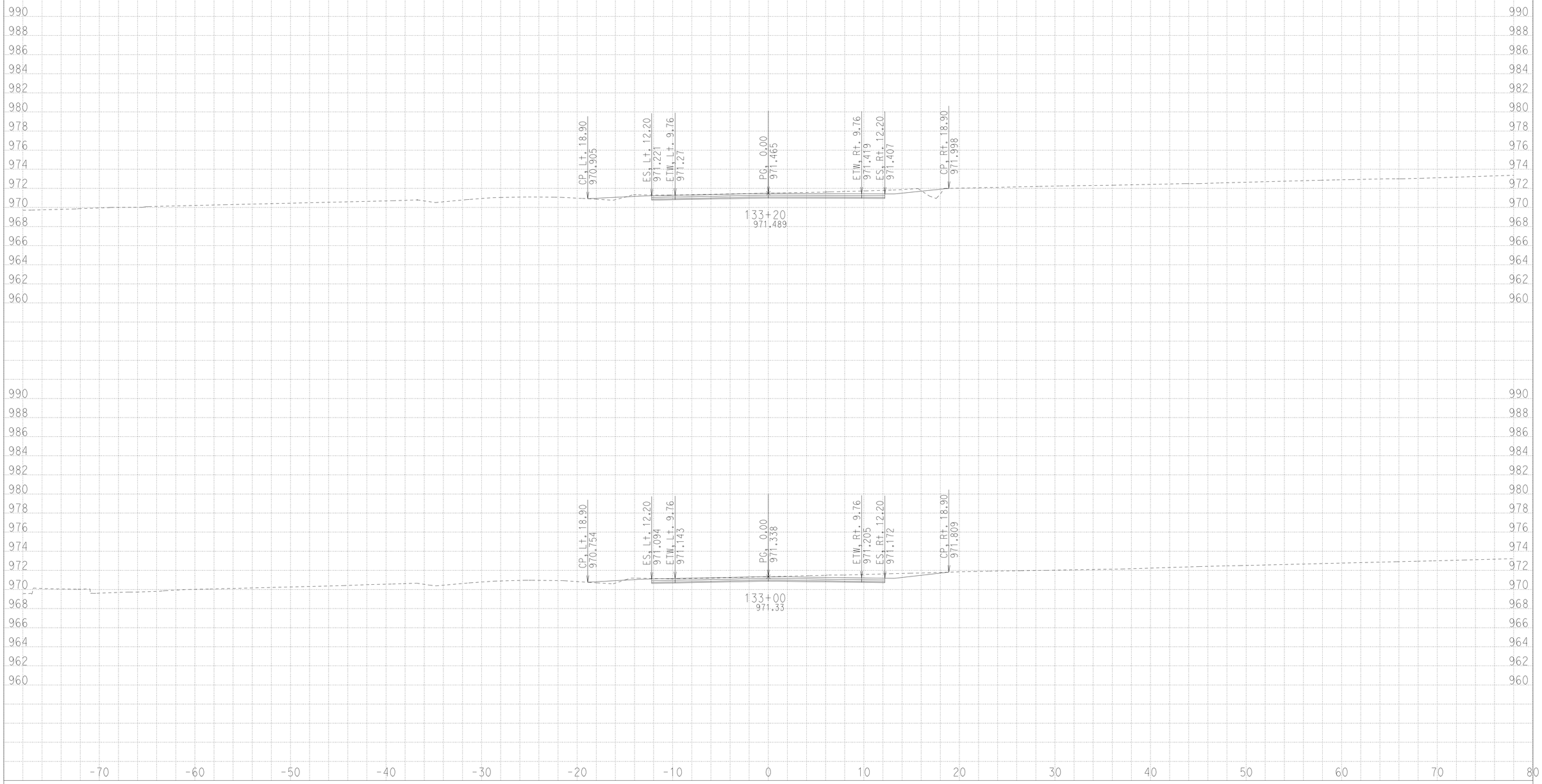


CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

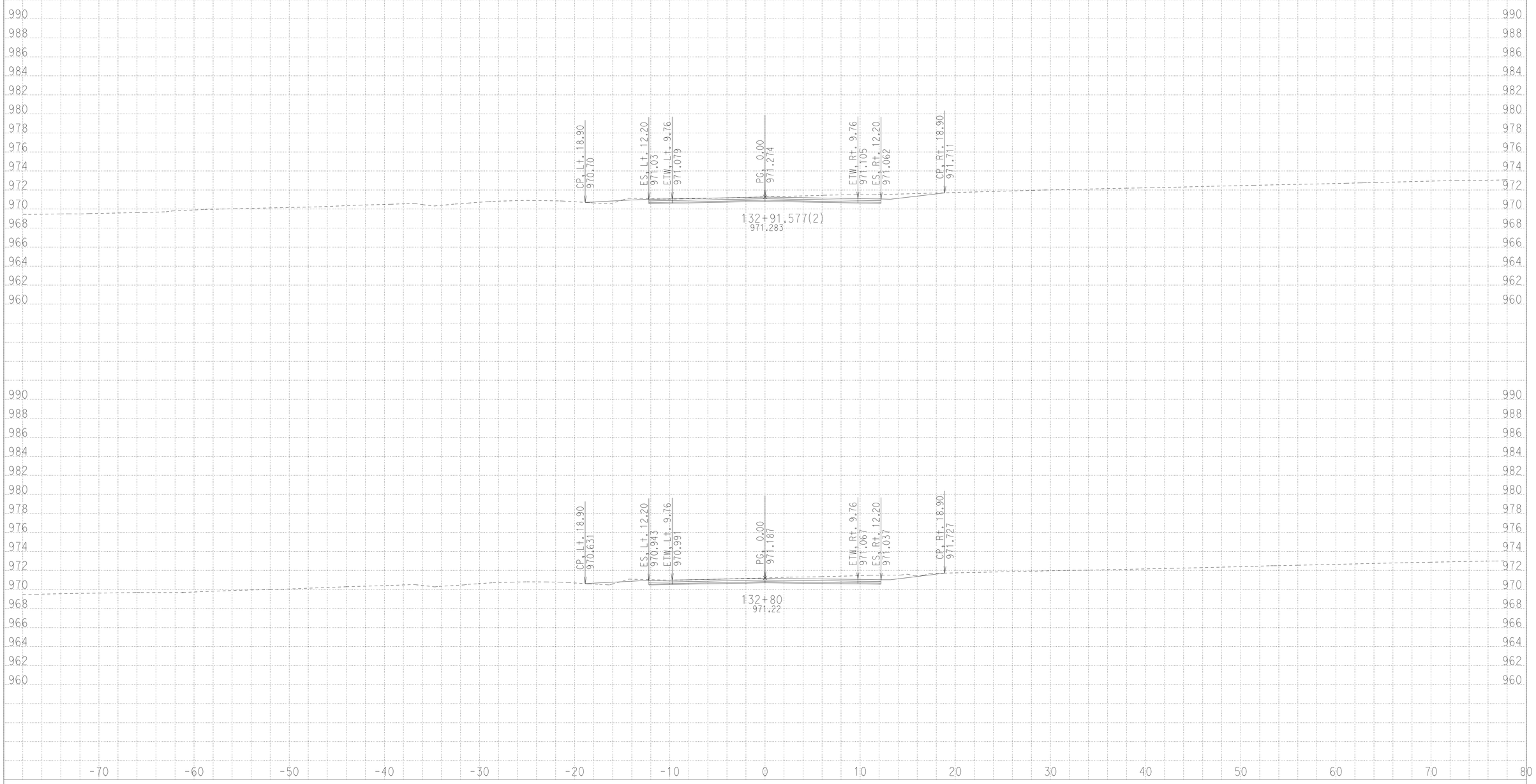
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 44 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

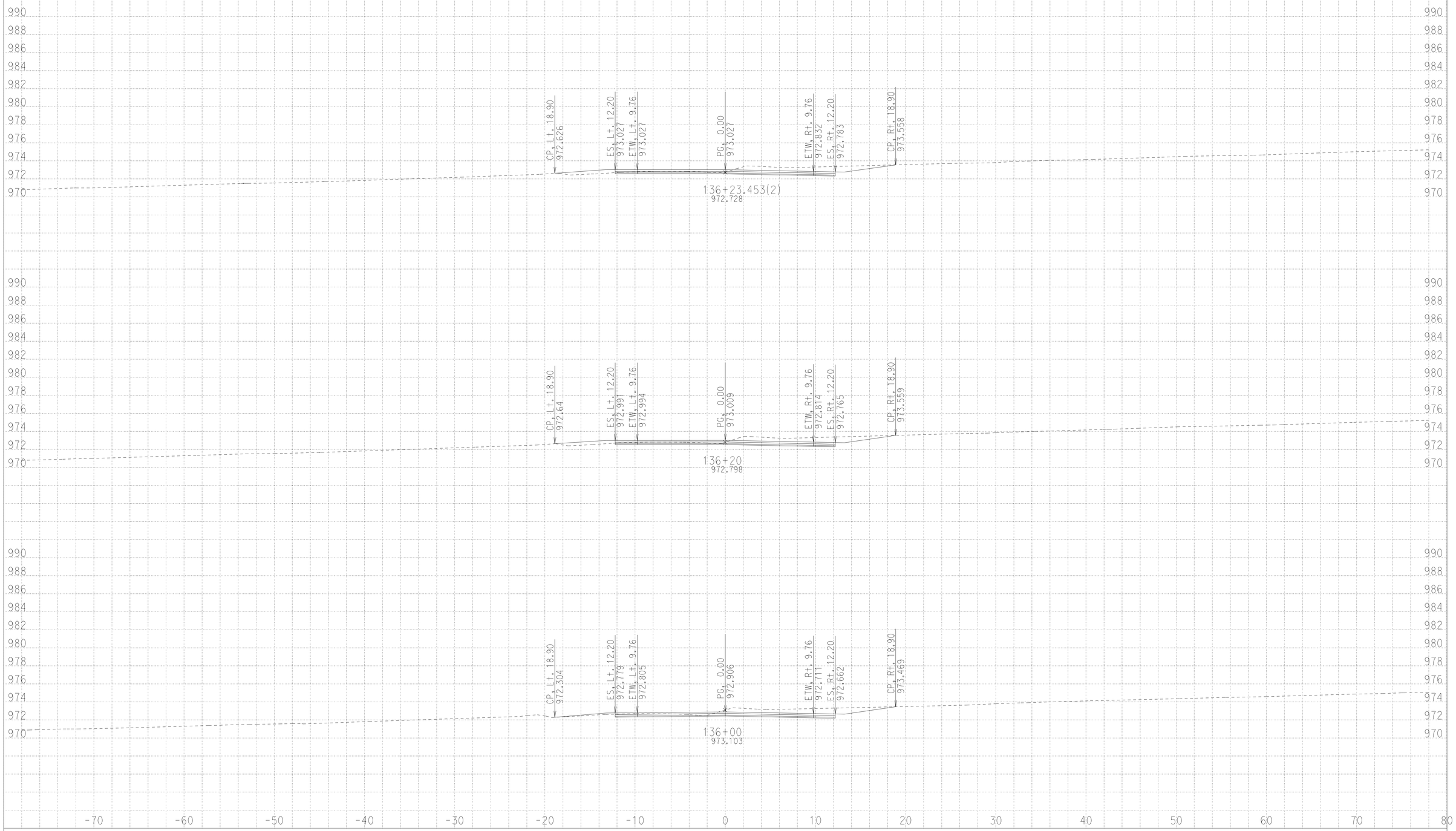
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 43 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

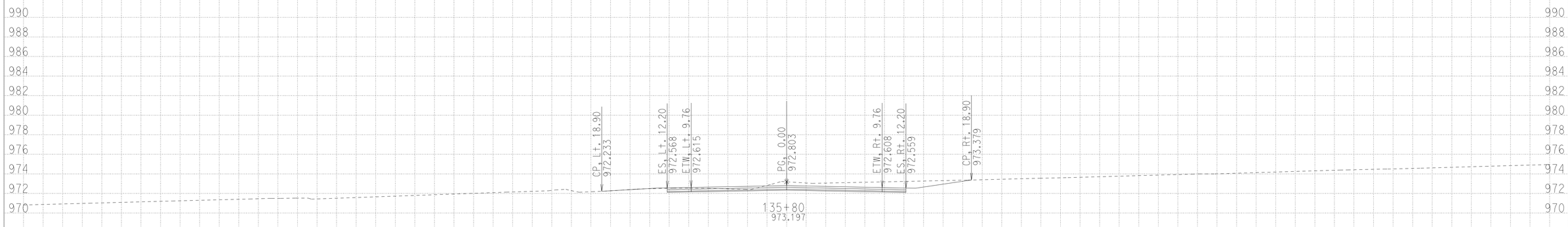
File: C:\Projects\SEG12\5-7-09dxs.ear

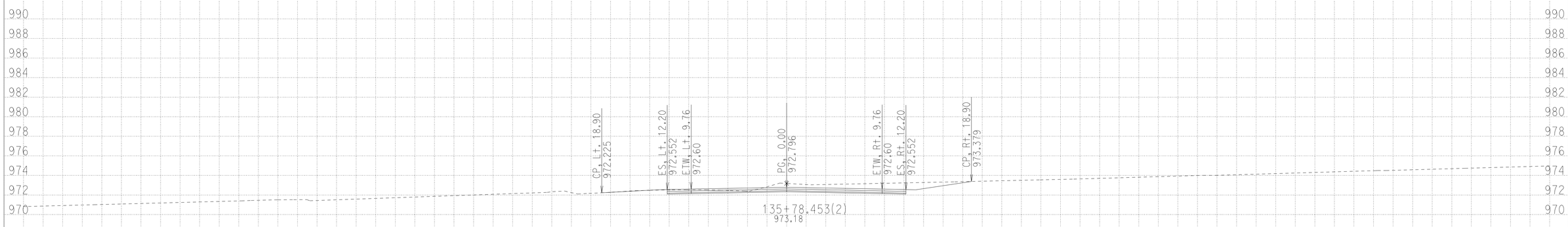
Scale Ratio: 1:200 Horiz.
1:200 Vert.

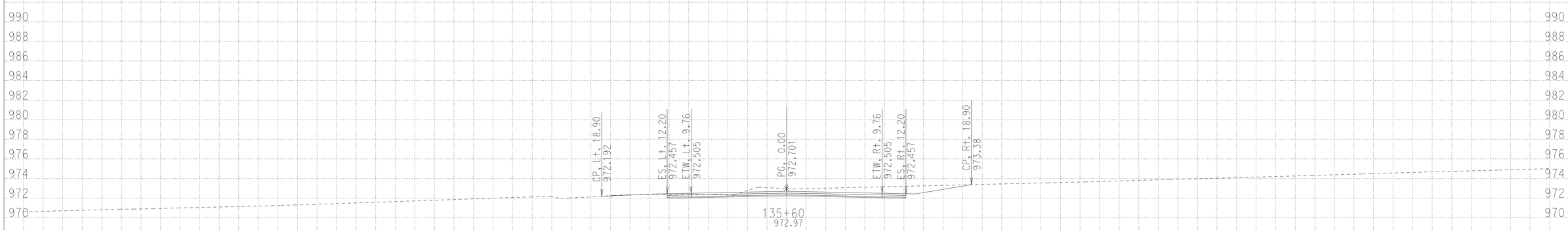
HAL1
CROSS SECTIONS

SHEET 54 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

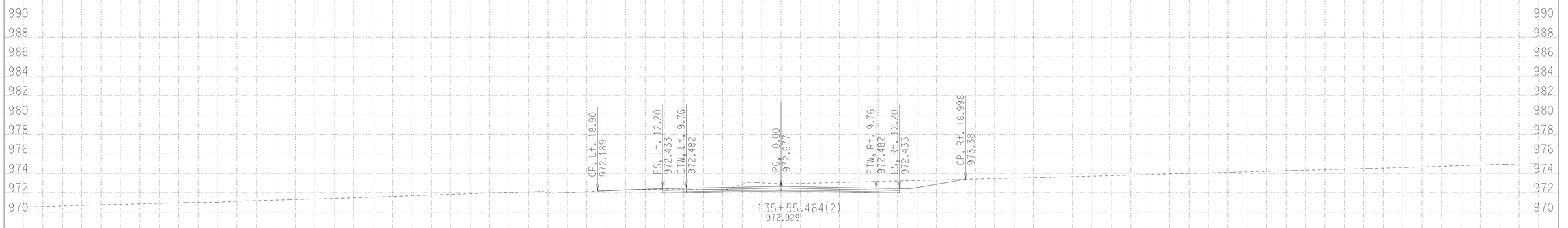
PROJECT ID: Route

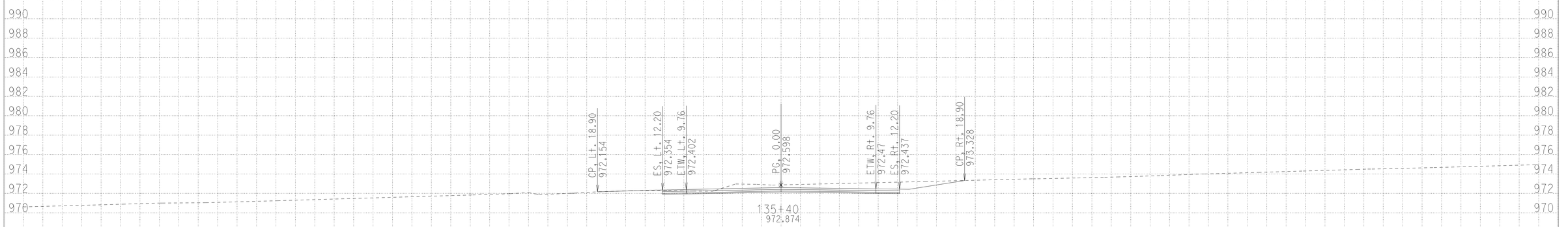
Scale Ratio: 1:200 Horiz.
1:200 Vert.

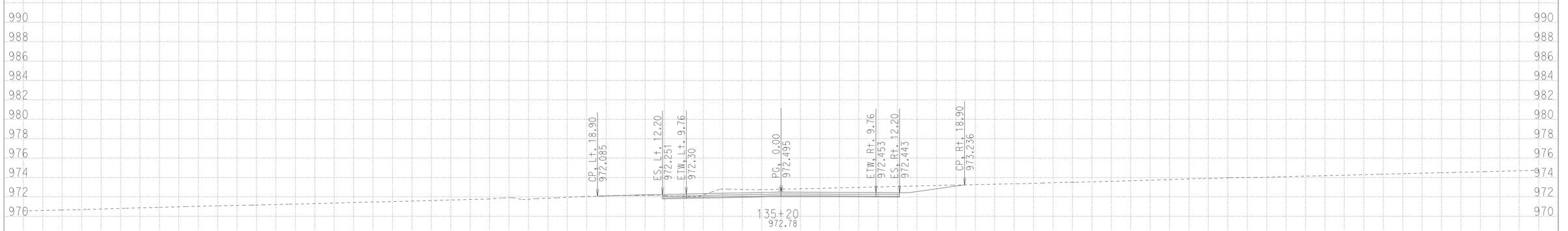
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

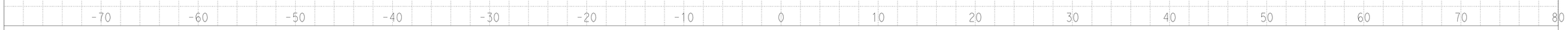
HAL1
CROSS SECTIONS

DESIGN STUDY ONLY









CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

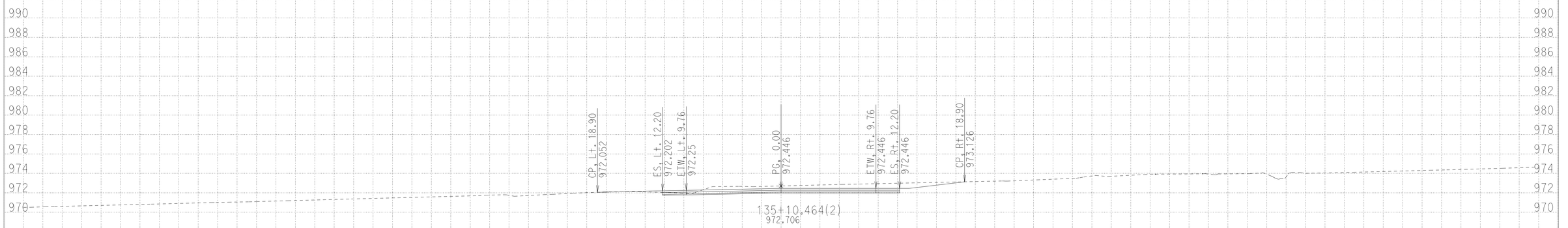
File: C:\Projects\SEG12\5-7-09dxs.ear

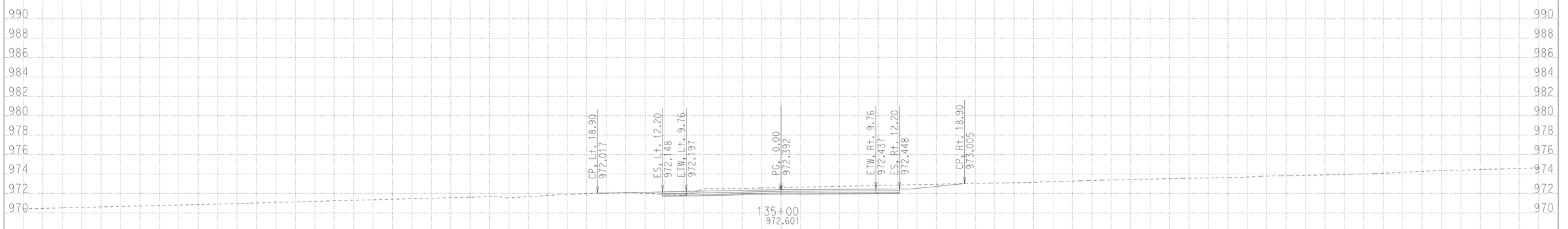
Scale Ratio: 1:200 Horiz.
1:200 Vert.

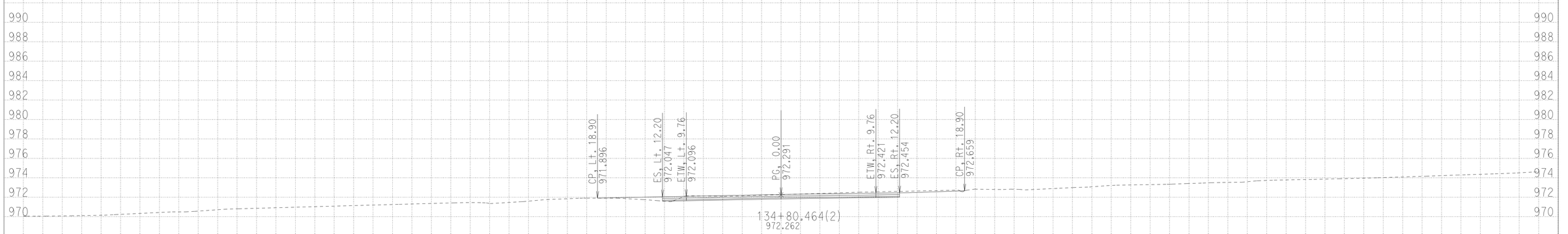
HAL1
CROSS SECTIONS

SHEET 52 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

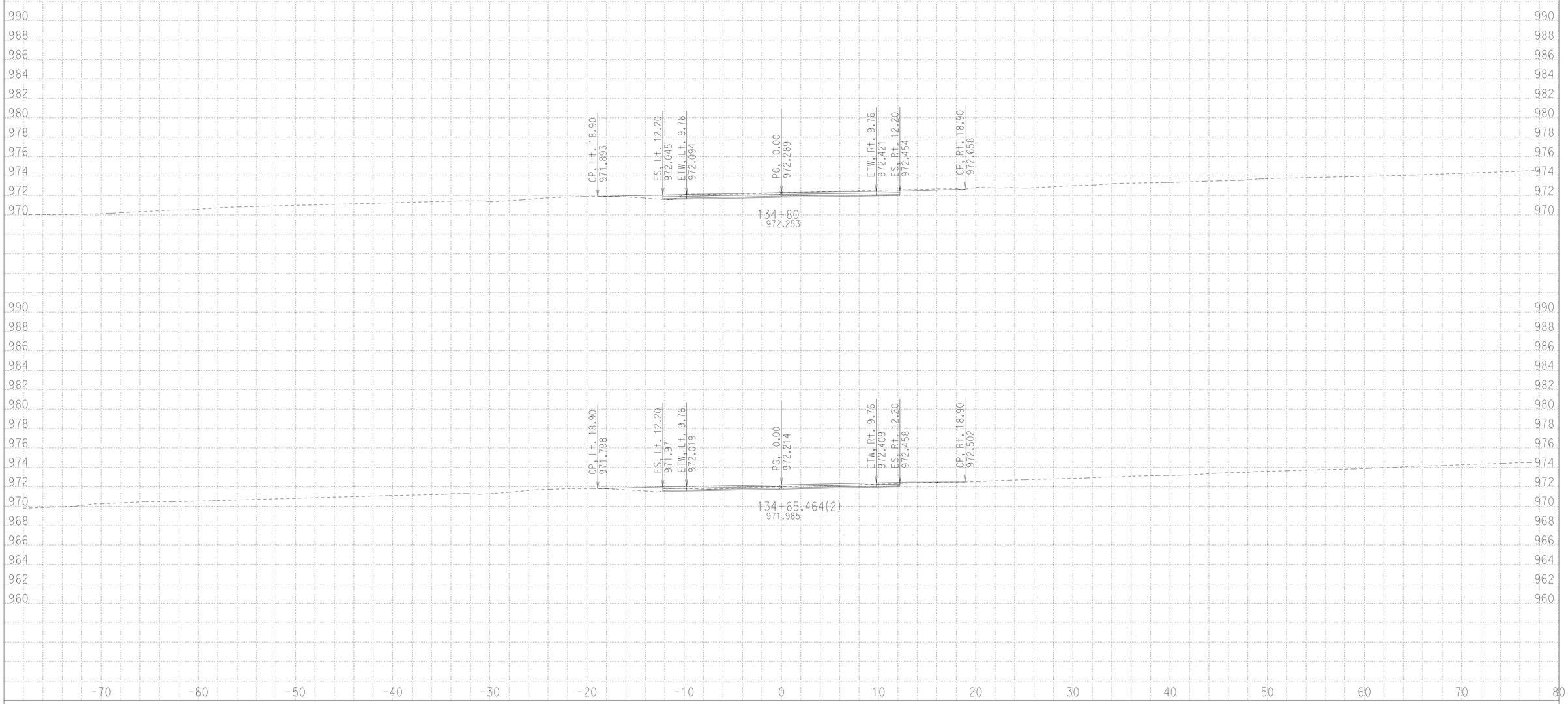
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 51 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

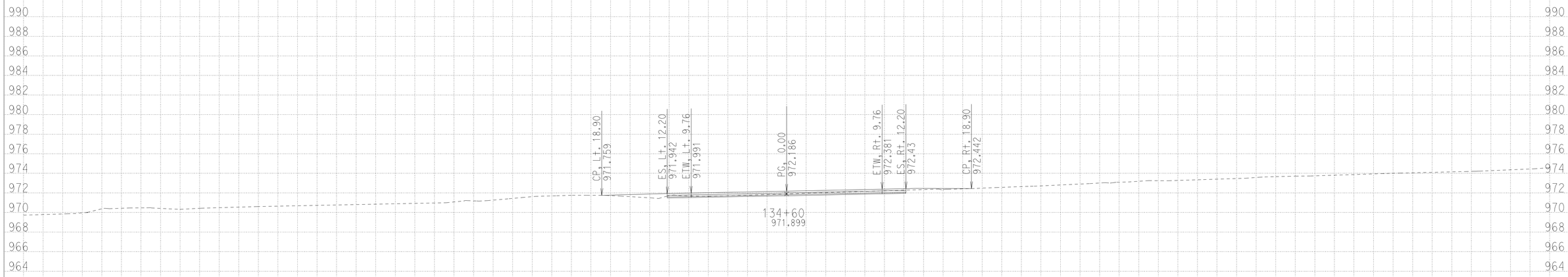
Scale Ratio: 1:200 Horiz.
1:200 Vert.

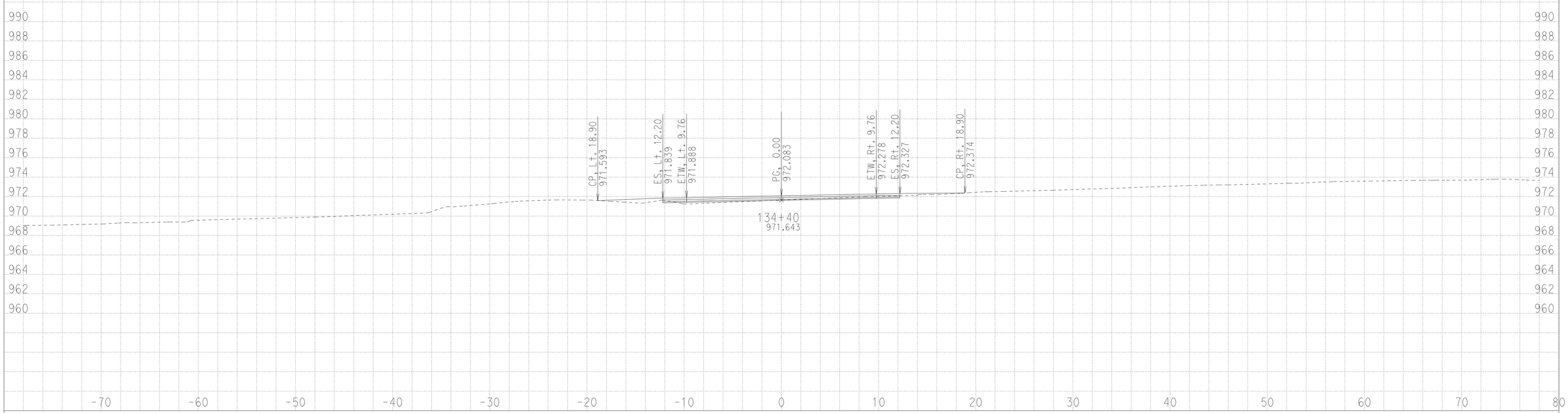
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 50 OF XXX

DESIGN STUDY ONLY





CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

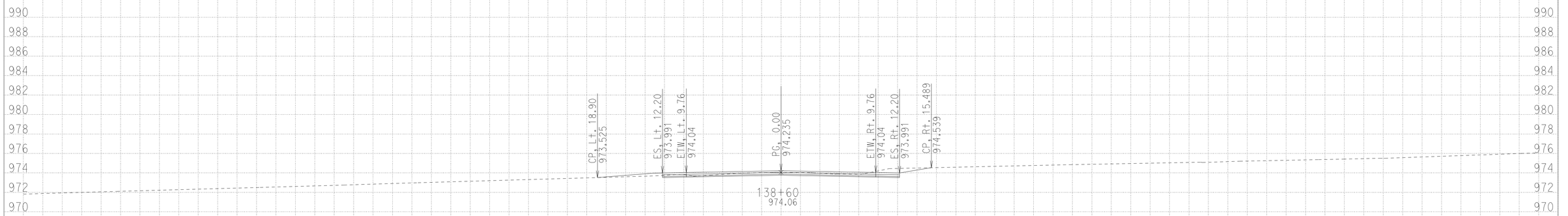
Scale Ratio: 1:200 Horiz.
1:200 Vert.

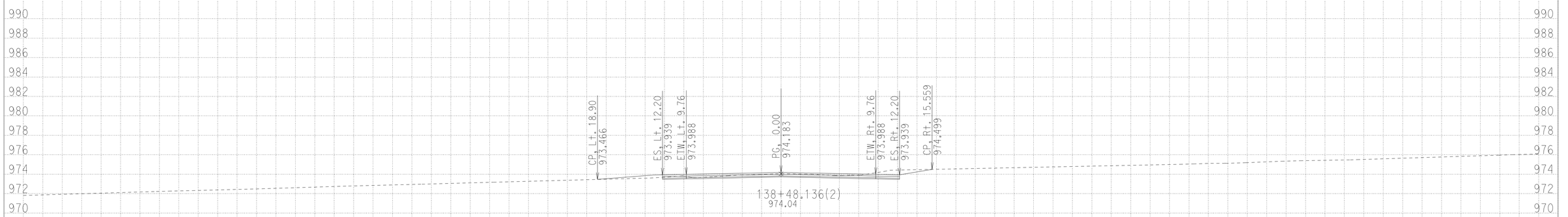
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

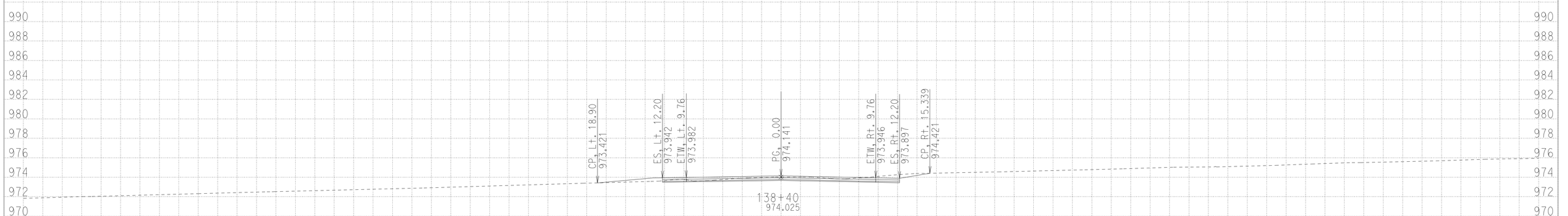
HAL1
CROSS SECTIONS

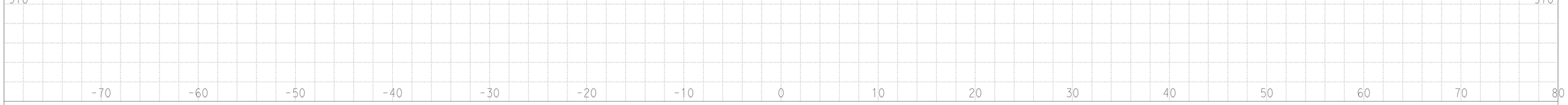
SHEET 49 OF XXX

DESIGN STUDY ONLY









CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

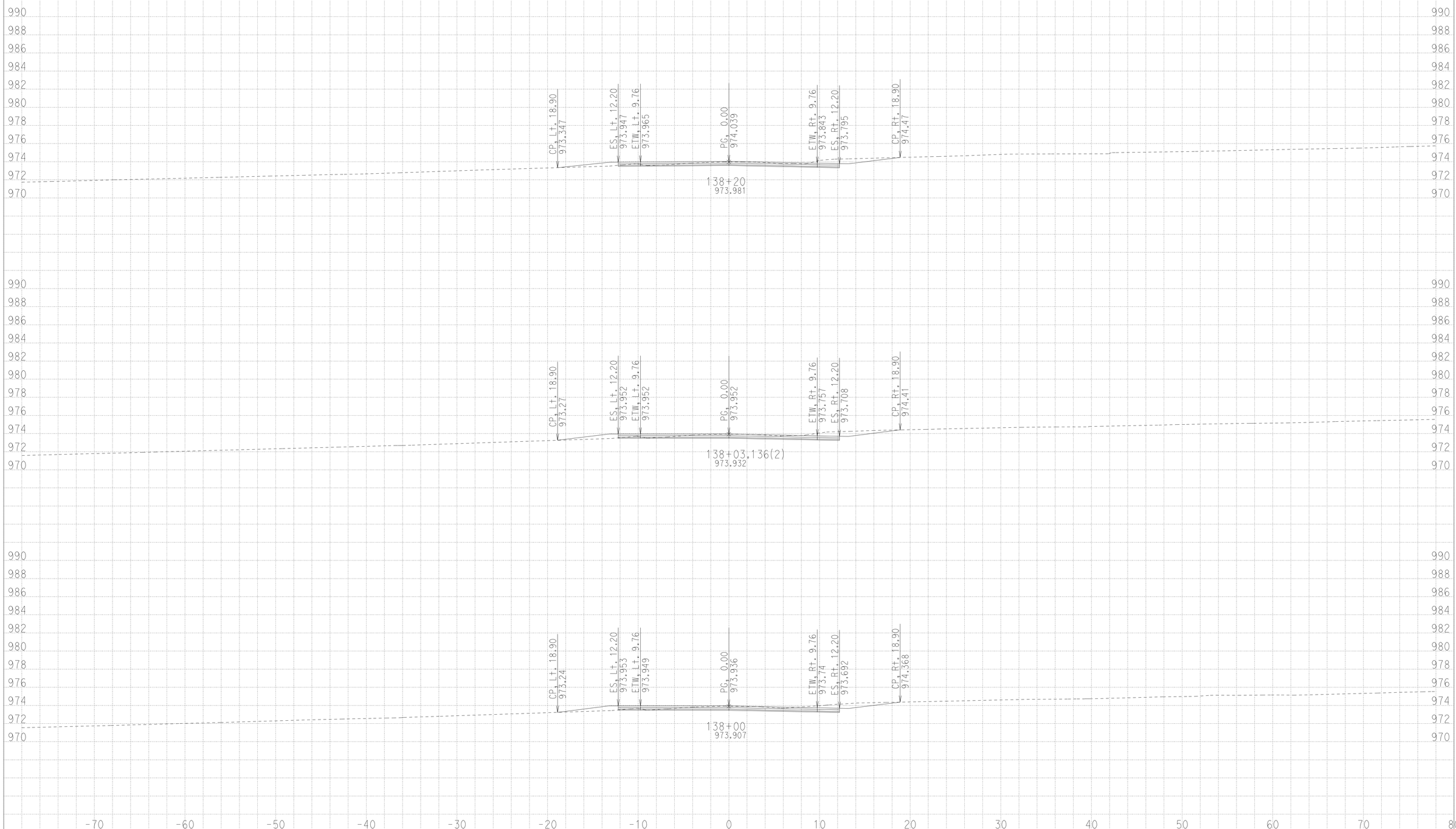
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 60 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

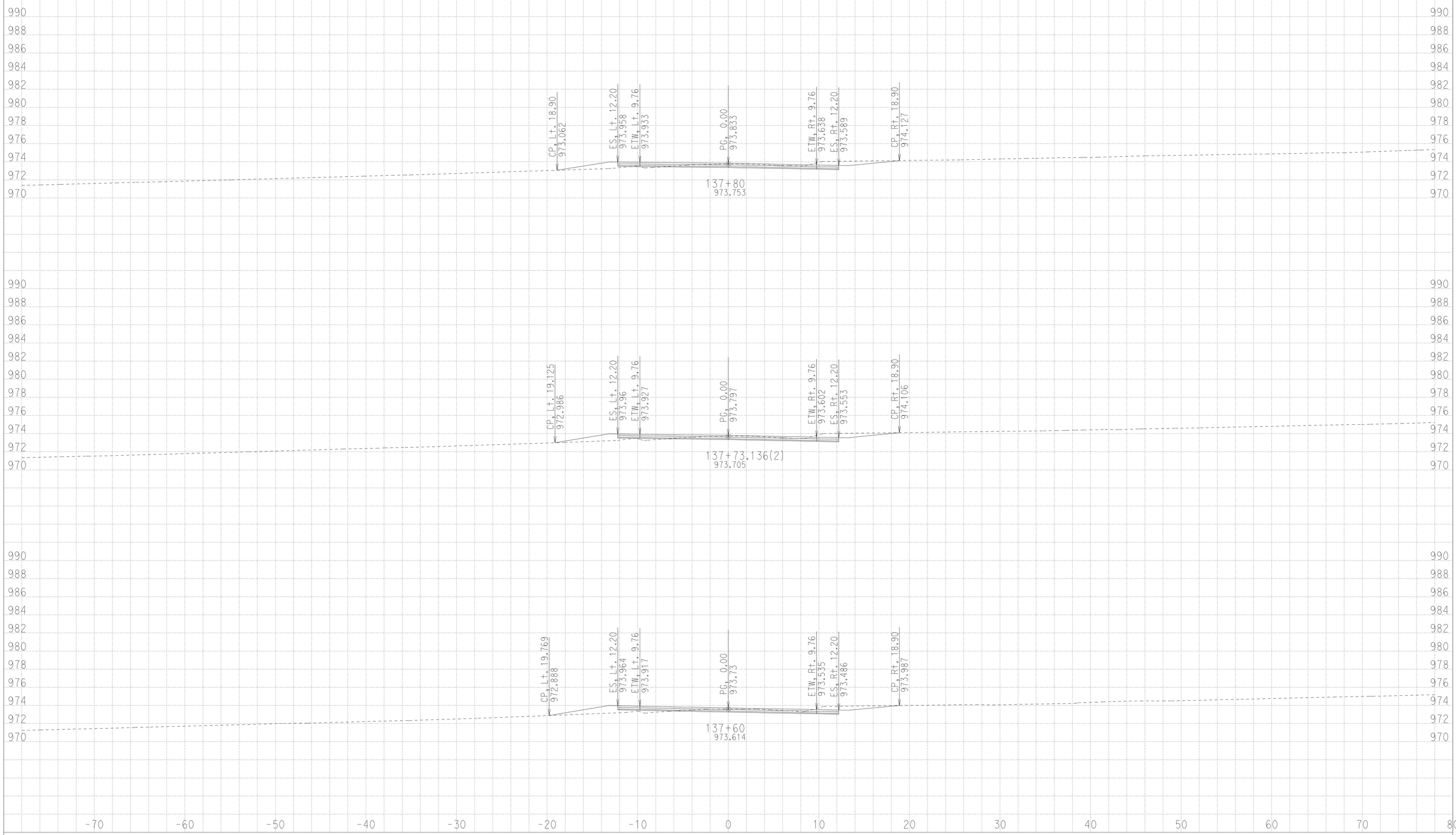
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 59 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

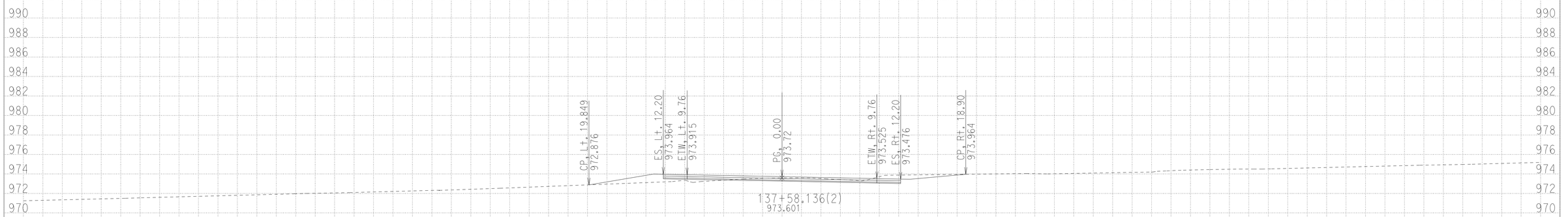
Scale Ratio: 1:200 Horiz.
1:200 Vert.

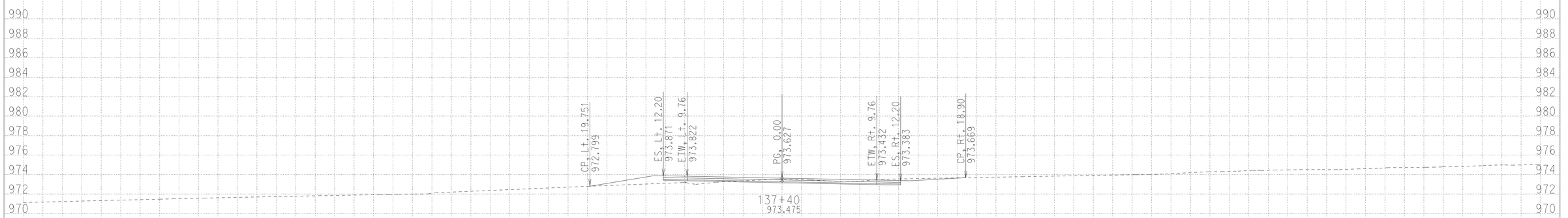
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

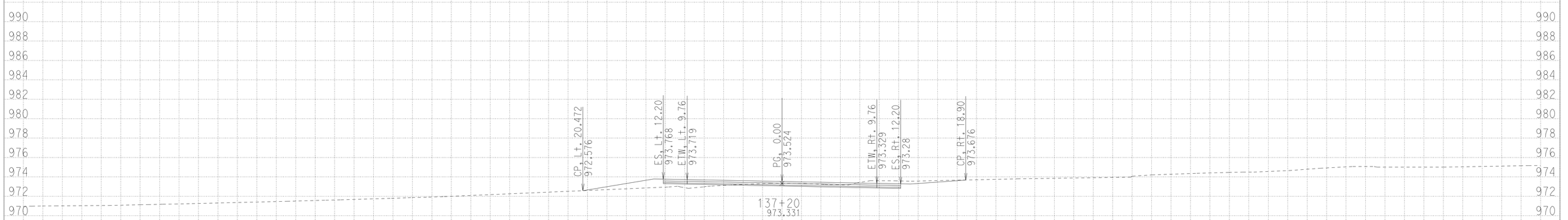
HAL1
CROSS SECTIONS

SHEET 58 OF XXX

DESIGN STUDY ONLY







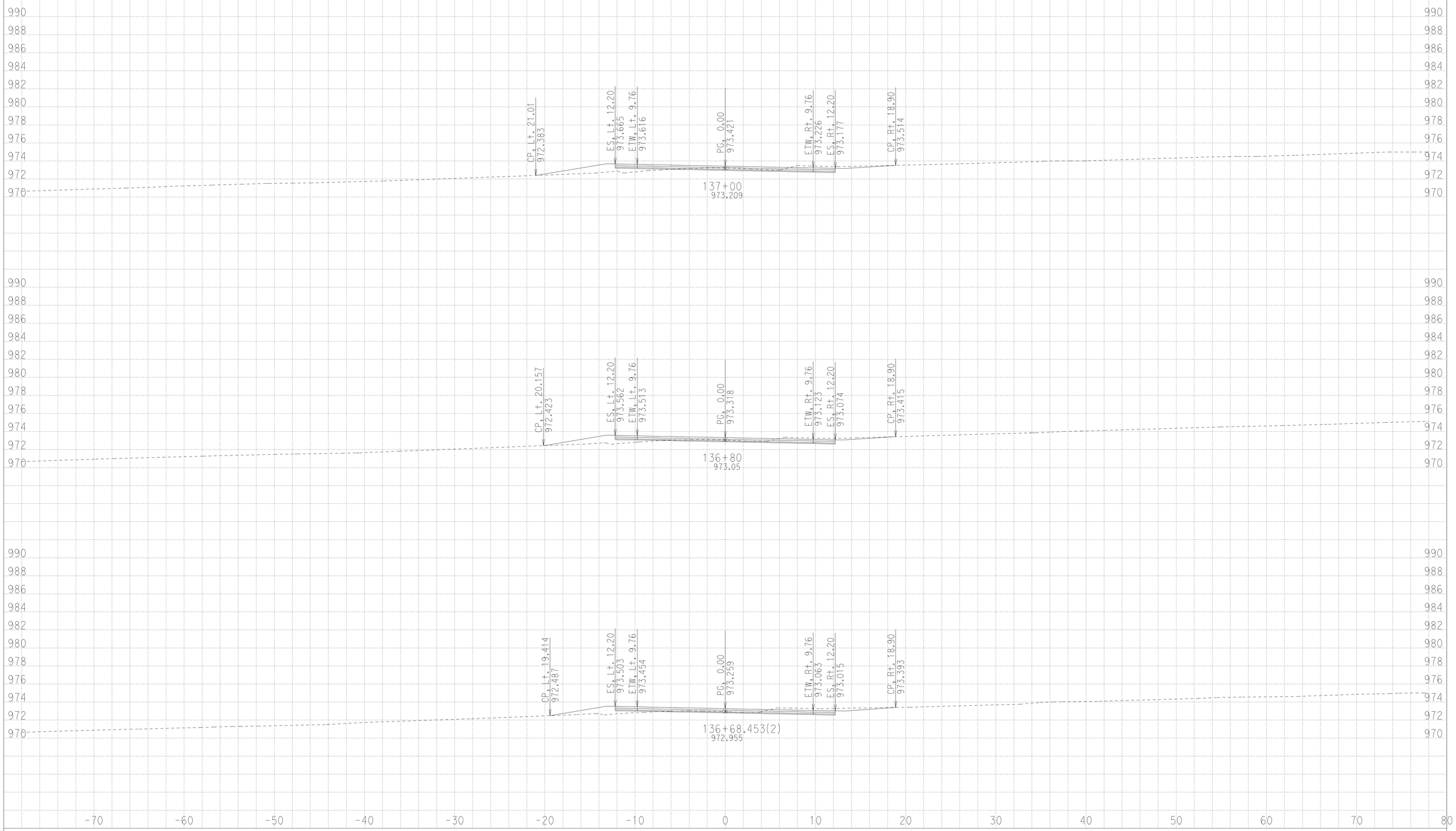
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

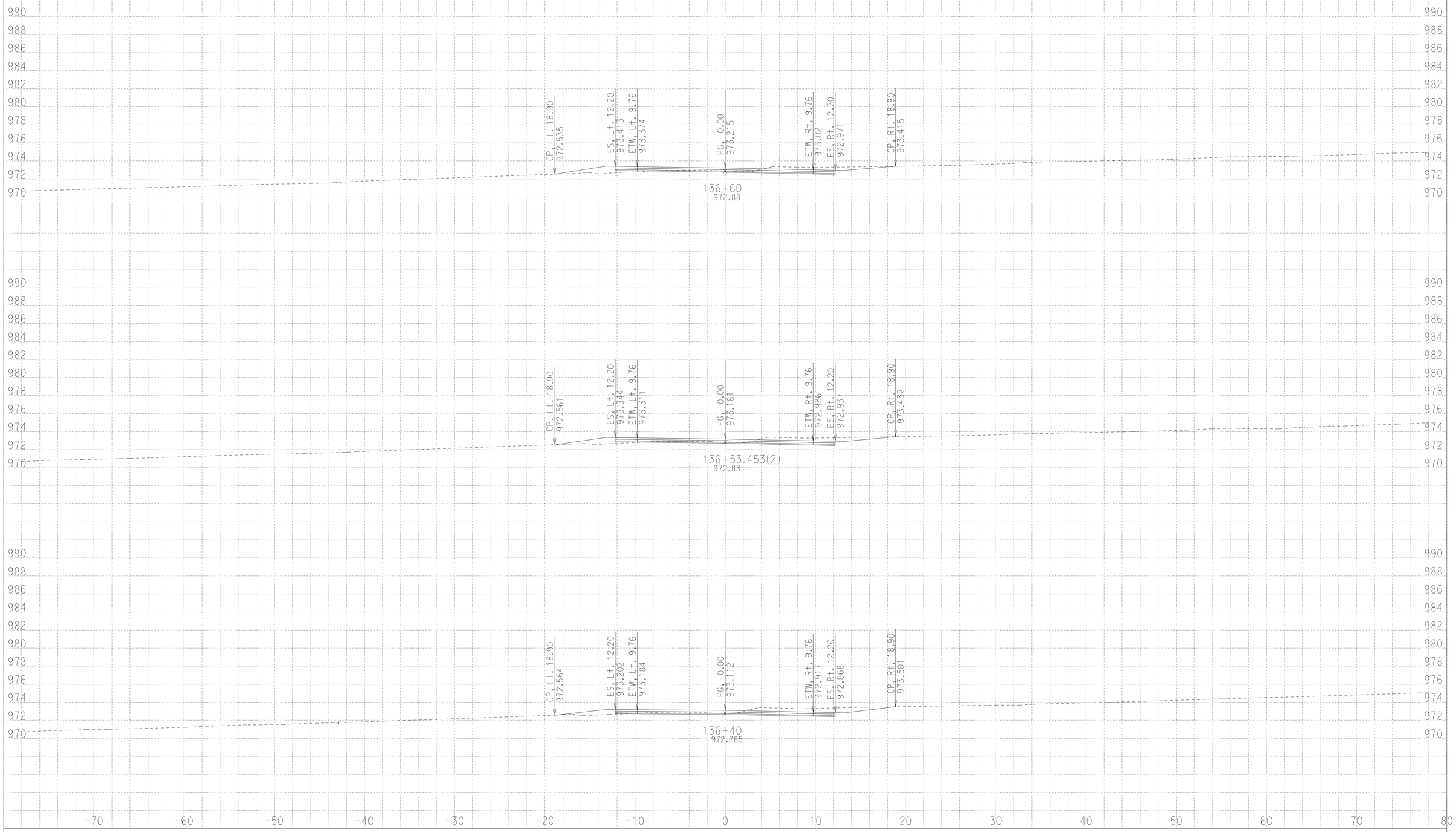
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 56 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

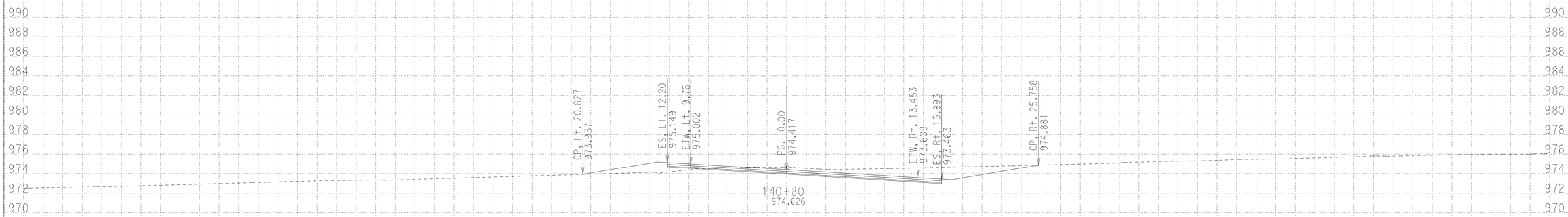
File: C:\Projects\SEG12\5-7-09dxs.ear

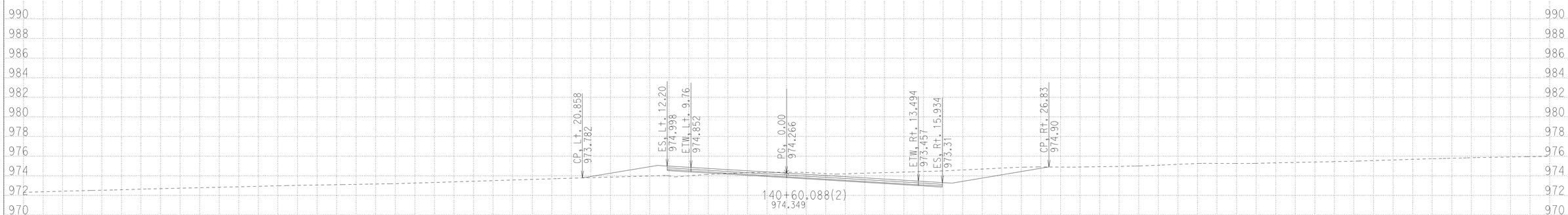
Scale Ratio: 1:200 Horiz.
1:200 Vert.

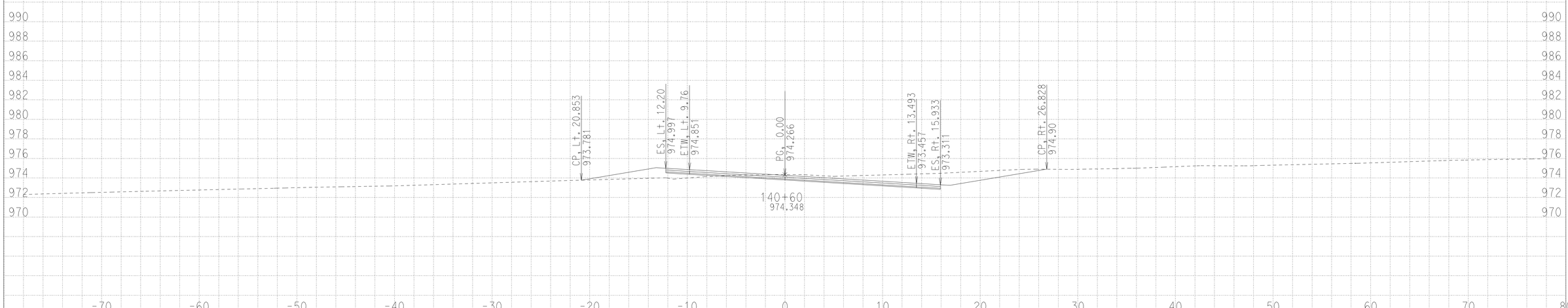
HAL1
CROSS SECTIONS

SHEET 55 OF XXX

DESIGN STUDY ONLY







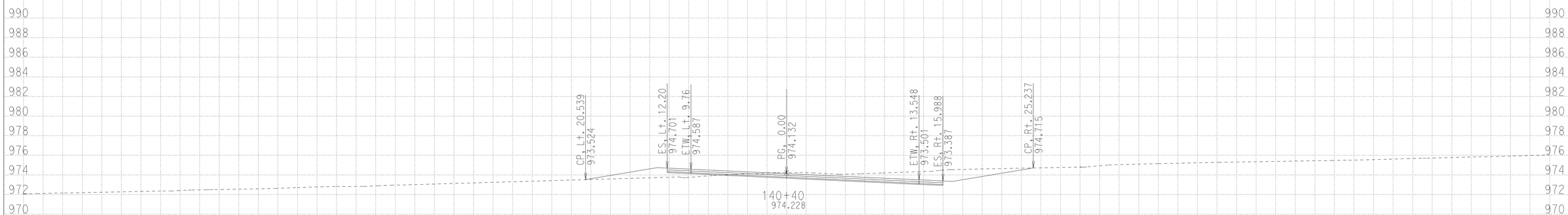
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

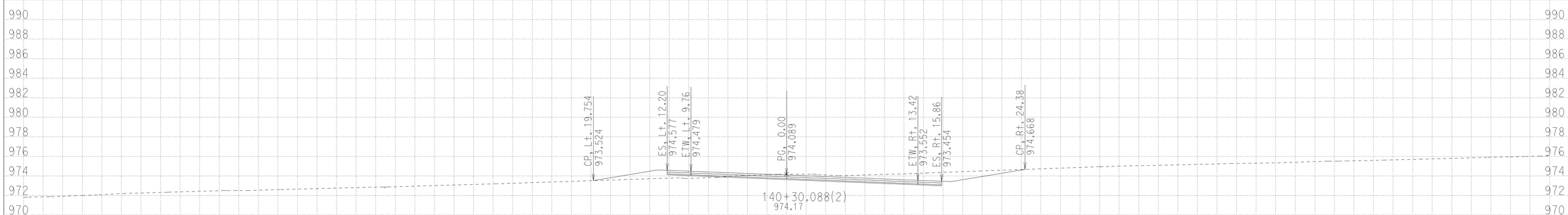
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

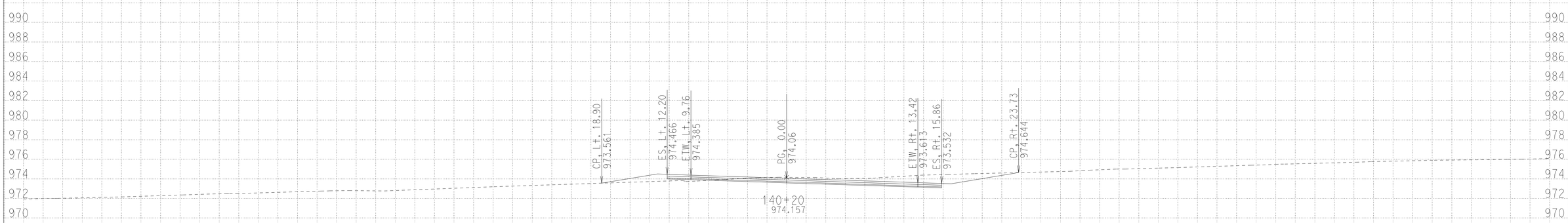
Scale Ratio: 1:200 Horiz. 1:200 Vert.

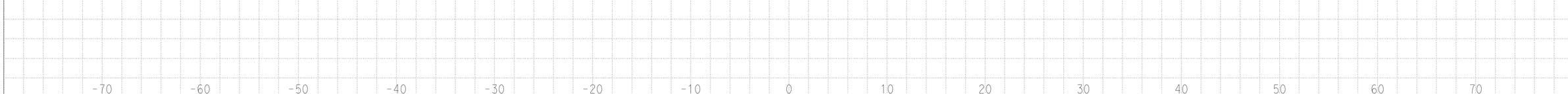
HAL1
CROSS SECTIONS

DESIGN STUDY ONLY









CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

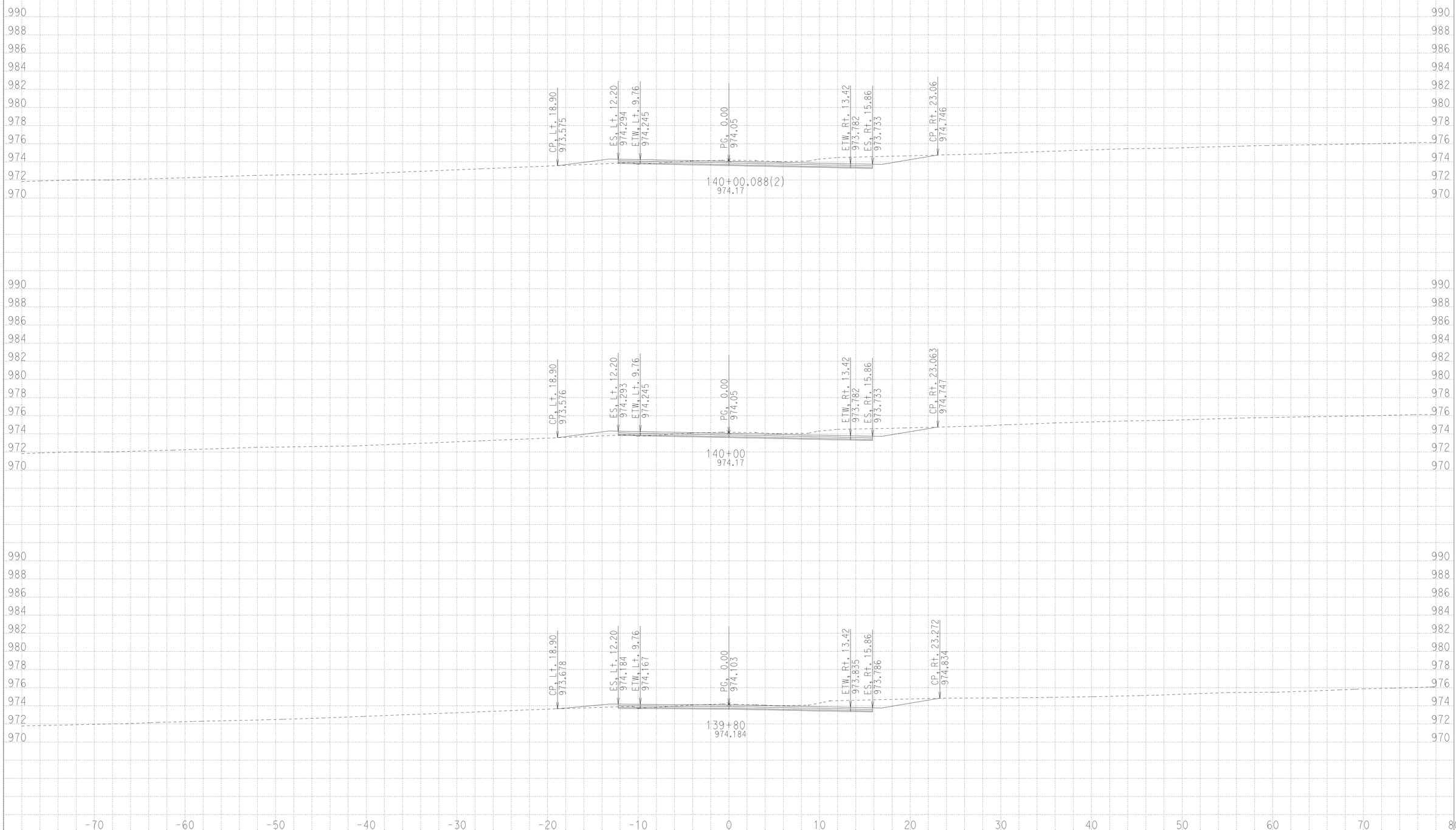
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 65 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

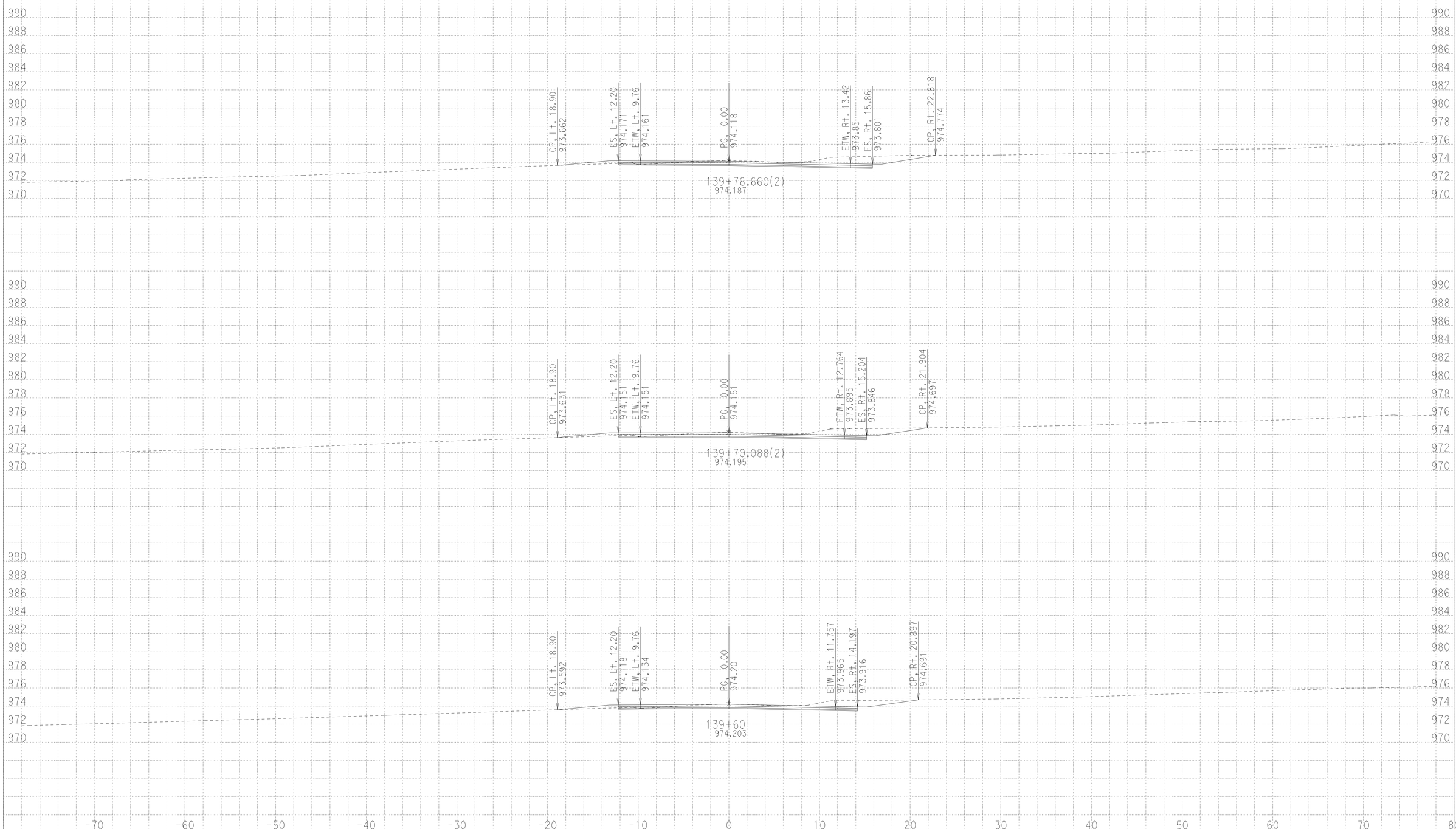
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 64 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

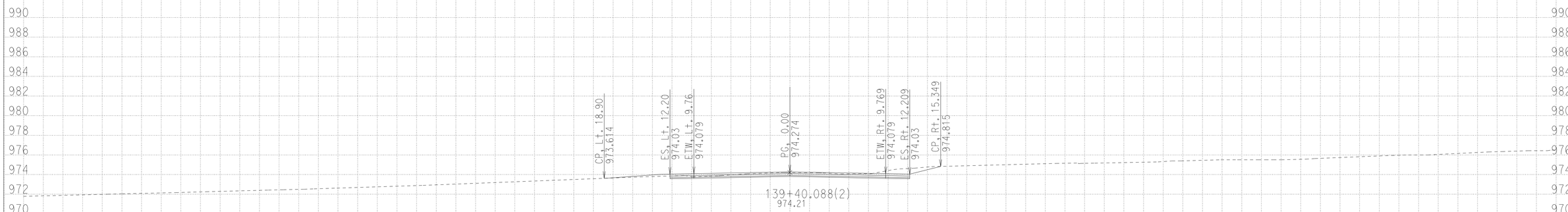
KC Project: SEG12

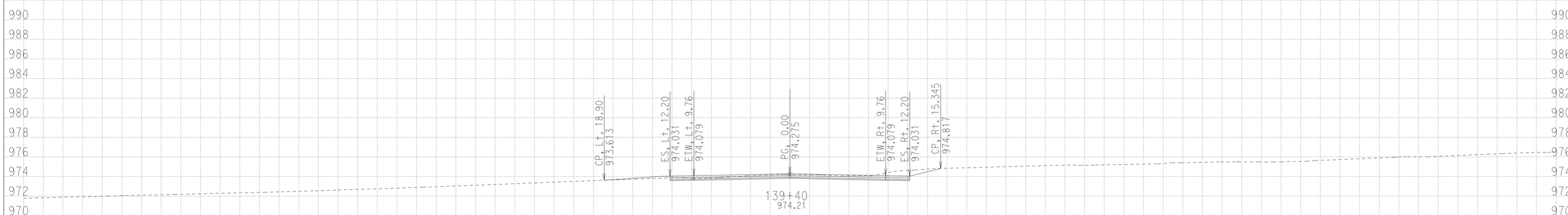
File: C:\Projects\SEG12\5-7-09dxs.ear

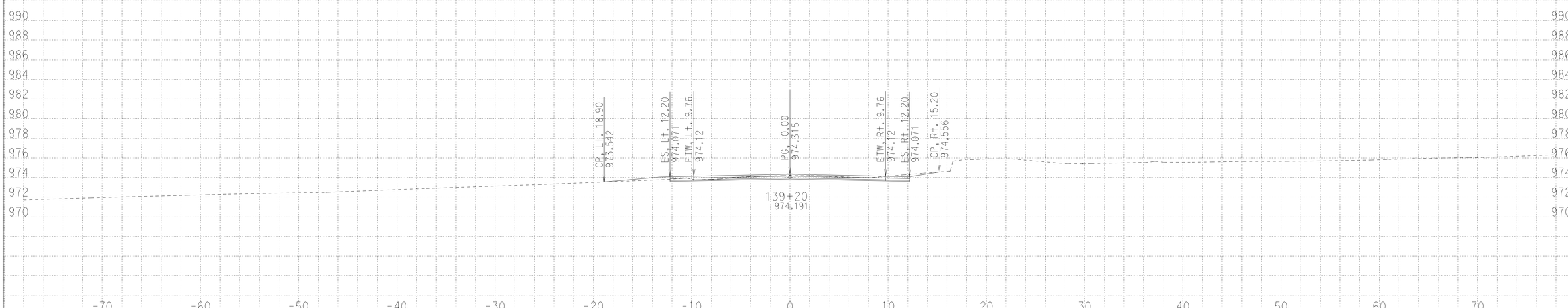
HAL1
CROSS SECTIONS

SHEET 63 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

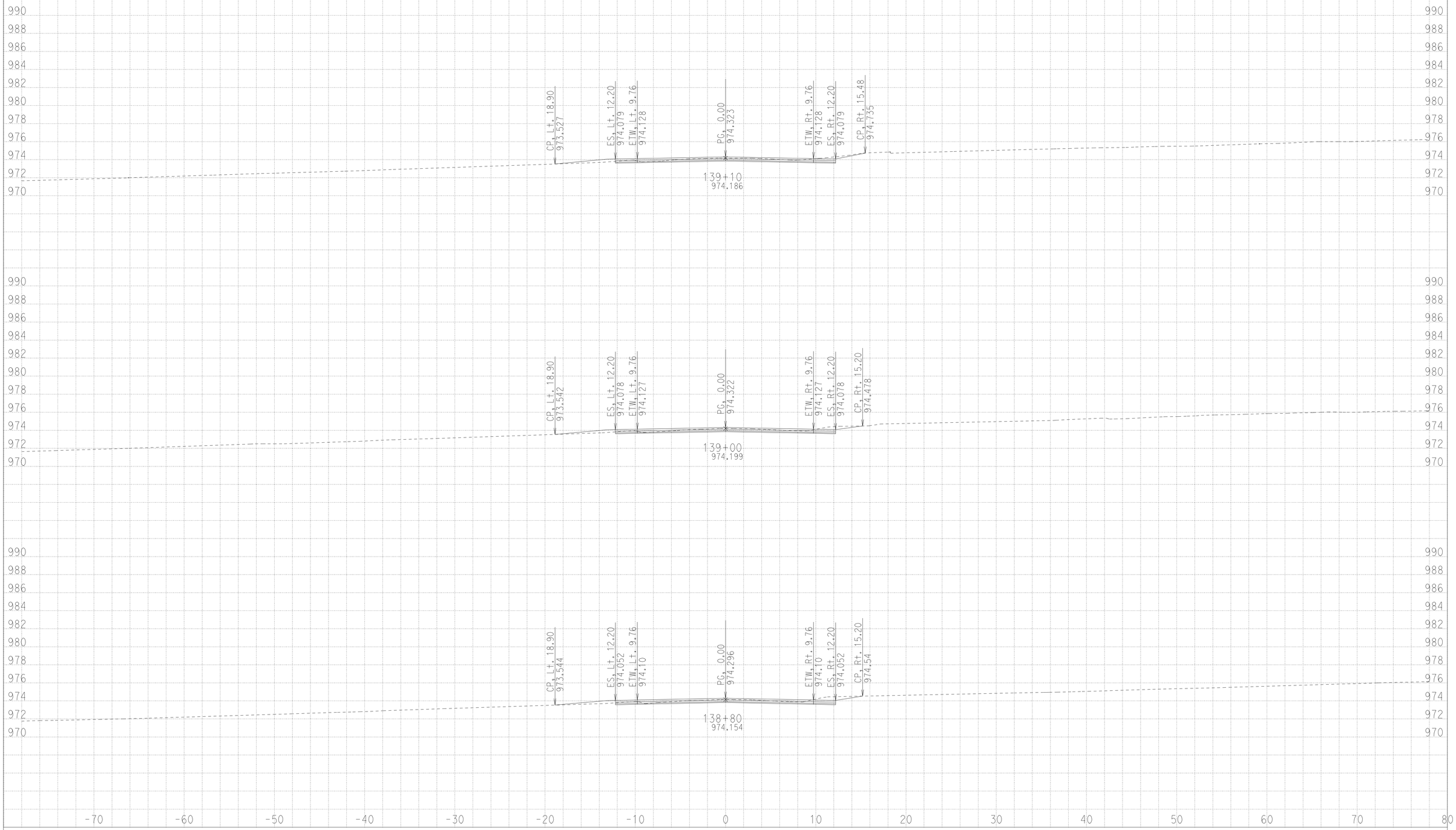
Scale Ratio: 1:200 Horiz. 1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 62 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

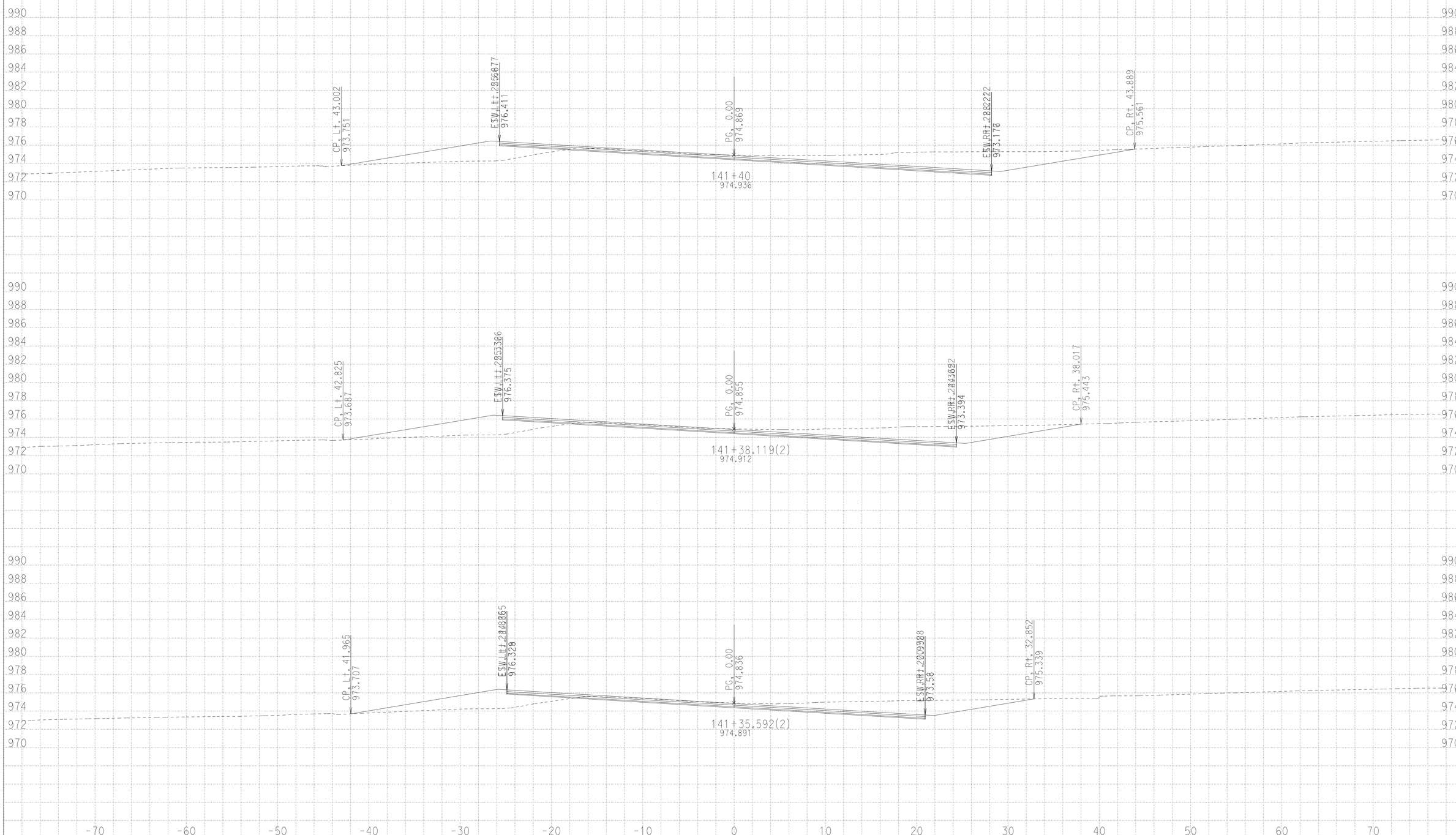
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 61 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

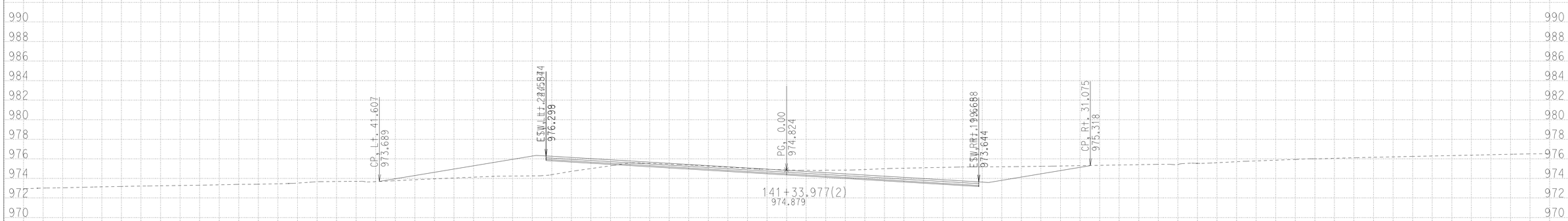
KC Project: SEG12

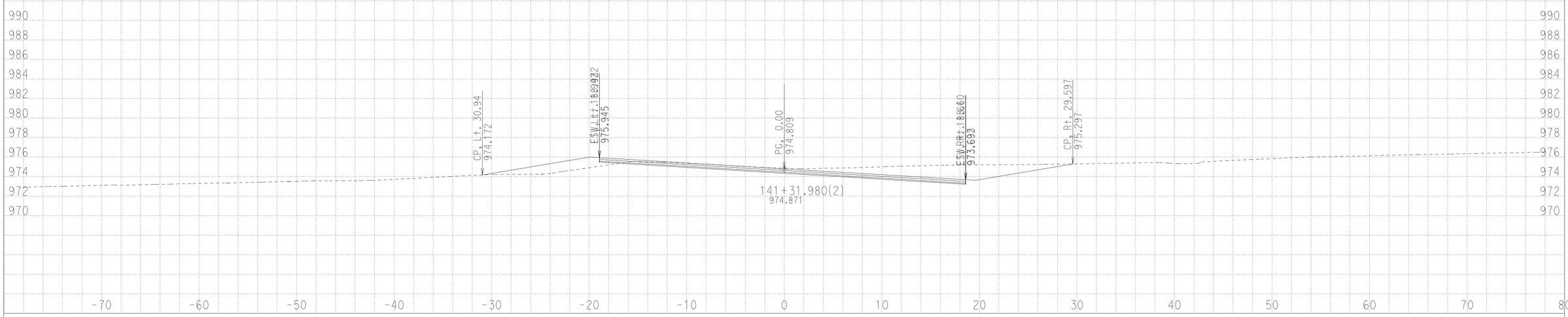
File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 72 OF XXX

DESIGN STUDY ONLY





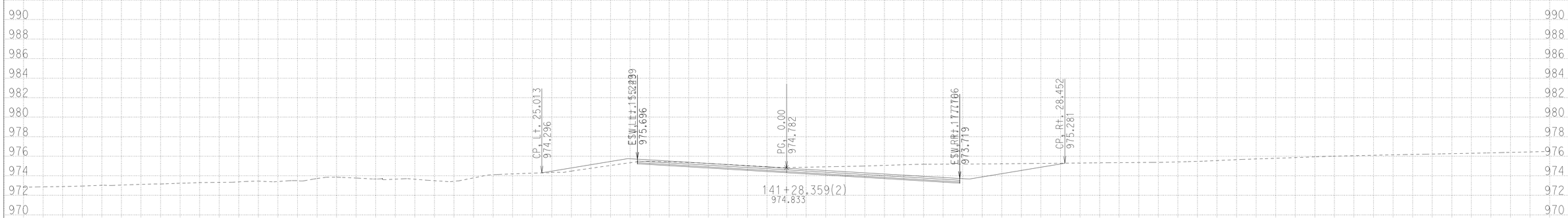
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

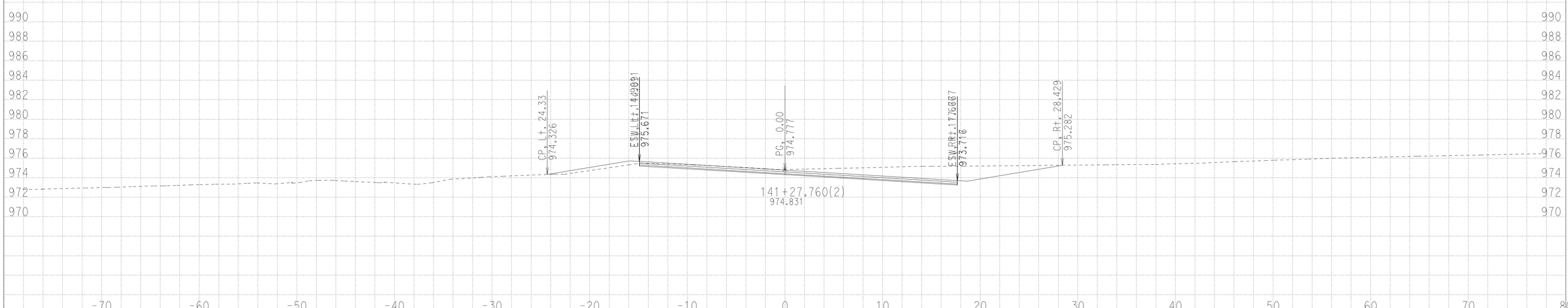
Scale Ratio: 1:200 Horiz. 1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY





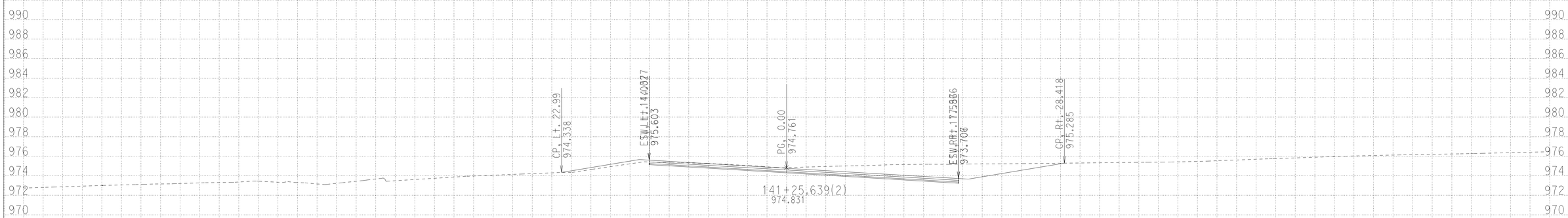
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

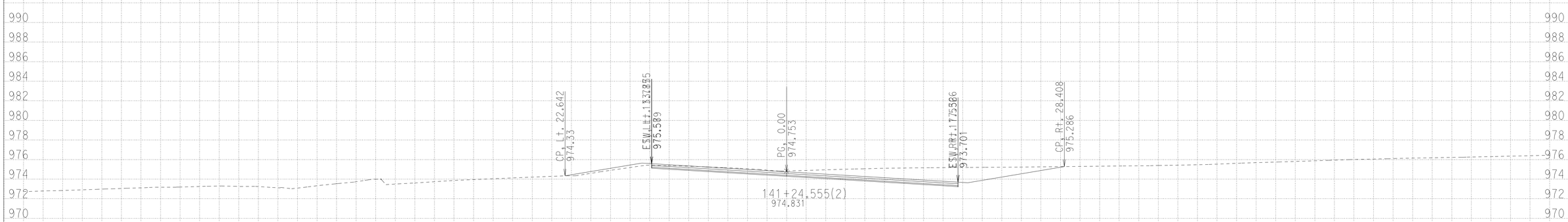
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz. 1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY





-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

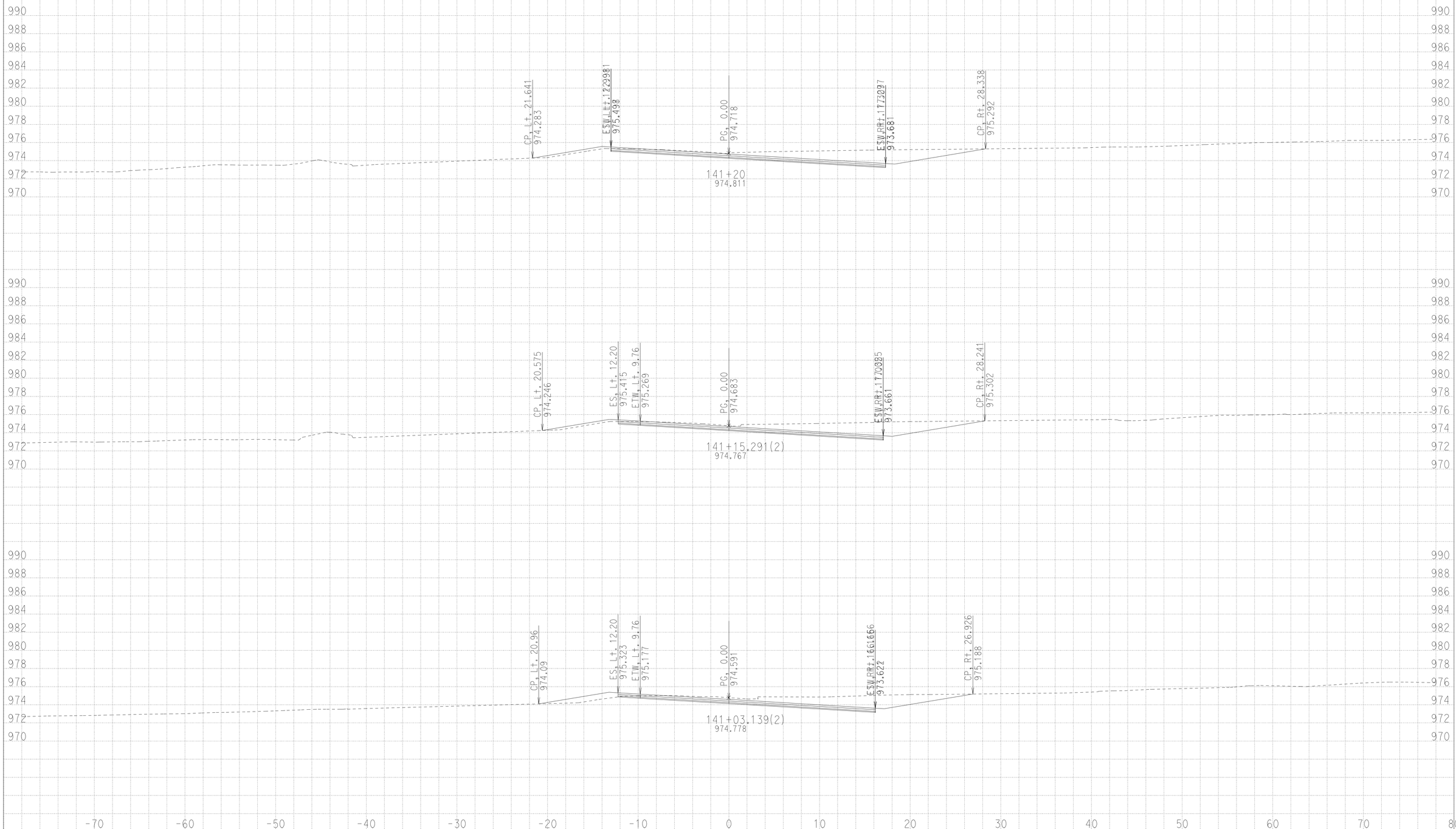
PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

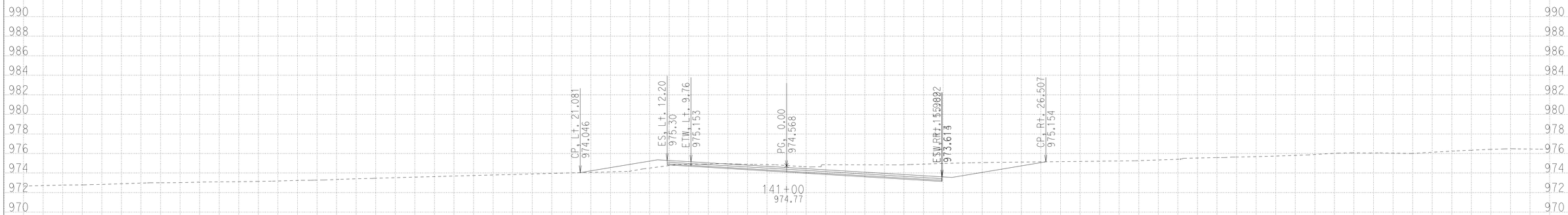
KC Project: SEG12

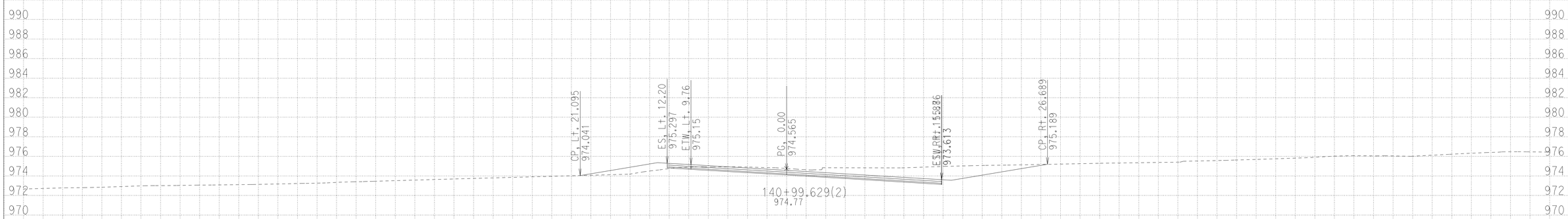
File: C:\Projects\SEG12\5-7-09dxs.ear

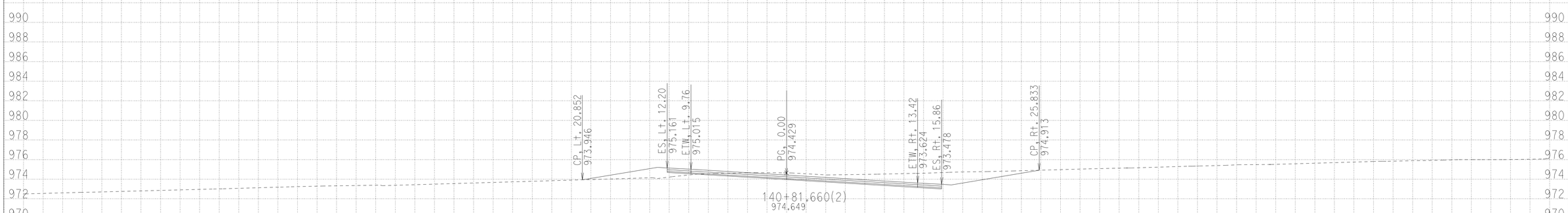
HAL1
CROSS SECTIONS

SHEET 68 OF XXX

DESIGN STUDY ONLY







-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

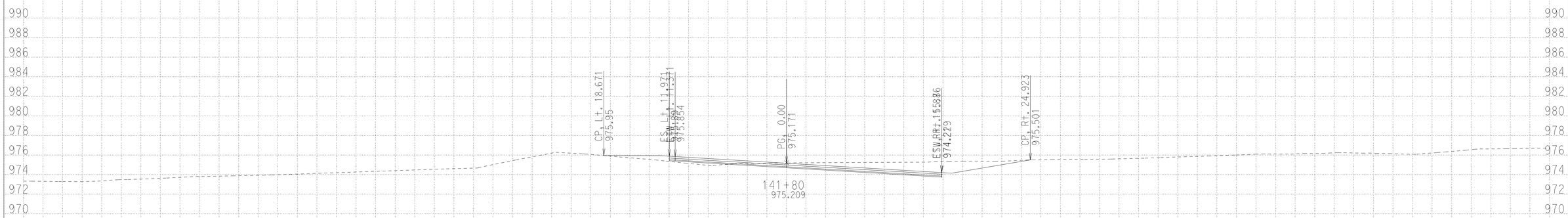
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

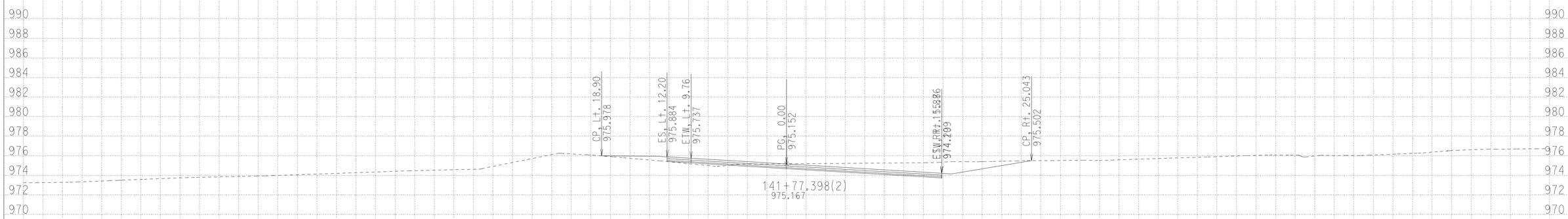
Scale Ratio: 1:200 Horiz.
1:200 Vert.

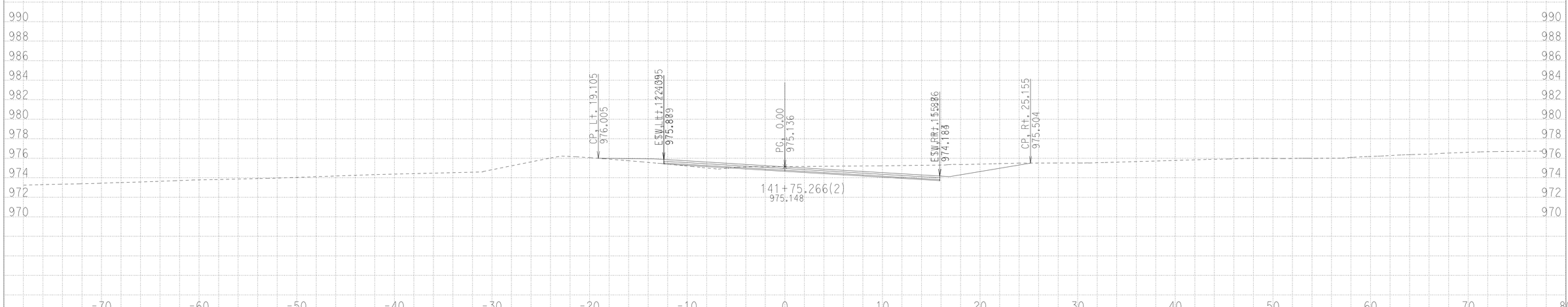
HAL1
CROSS SECTIONS

SHEET 67 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

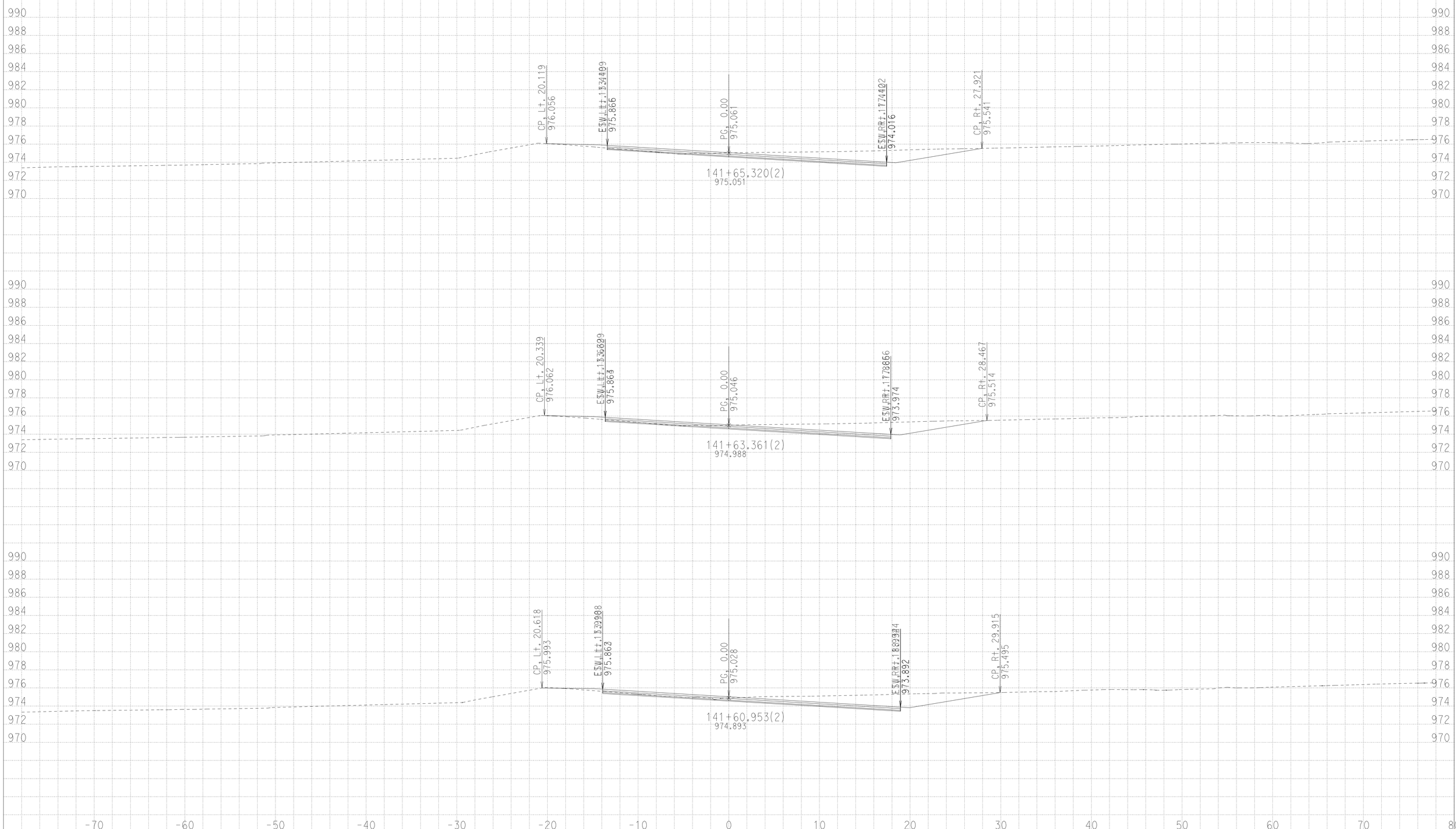
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 78 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

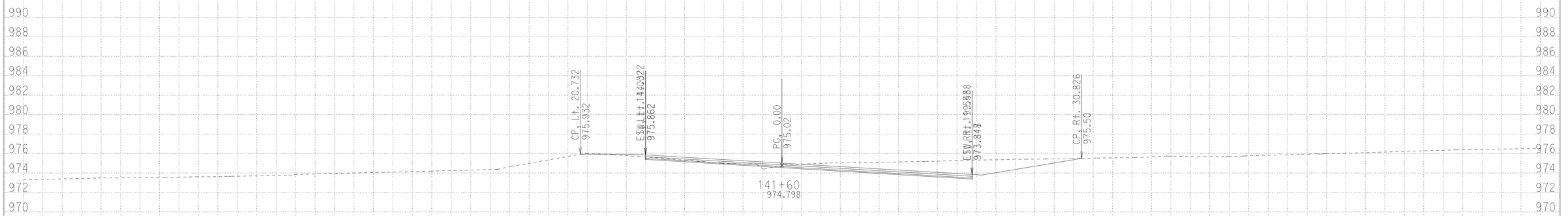
KC Project: SEG12

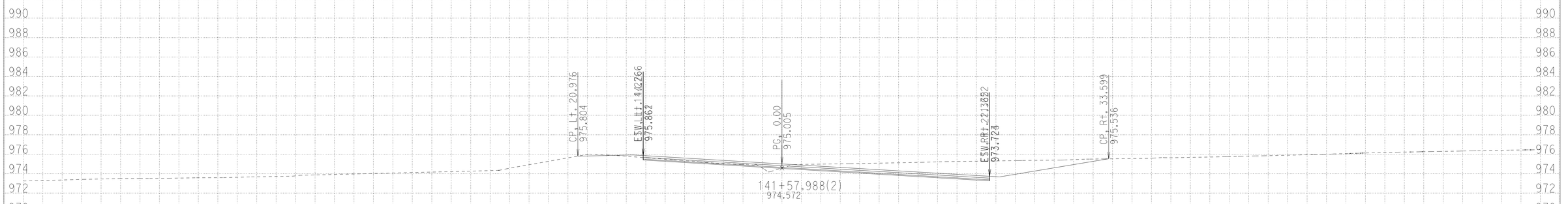
File: C:\Projects\SEG12\5-7-09dxs.ear

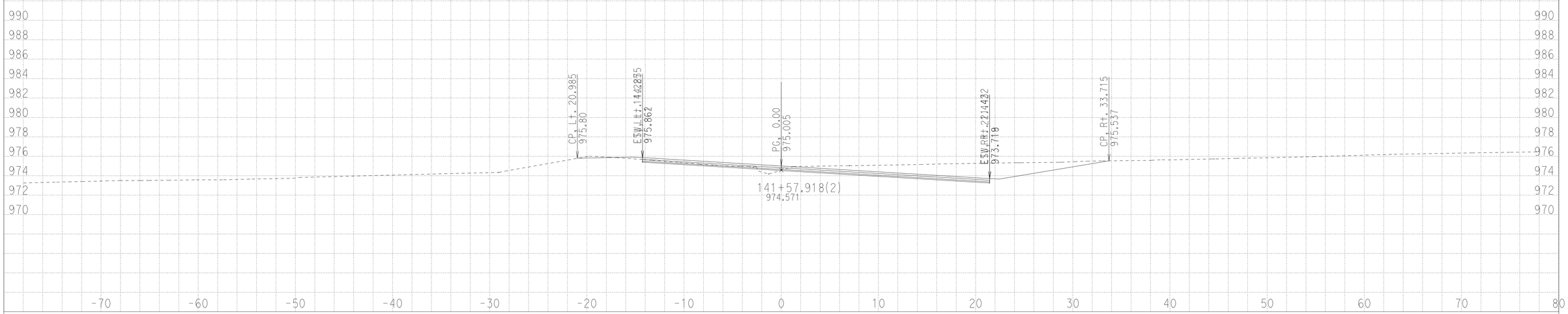
HAL1
CROSS SECTIONS

SHEET 77 OF XXX

DESIGN STUDY ONLY







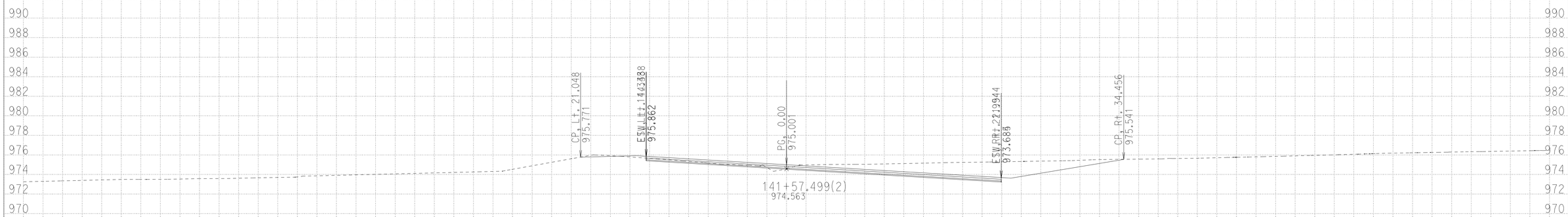
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

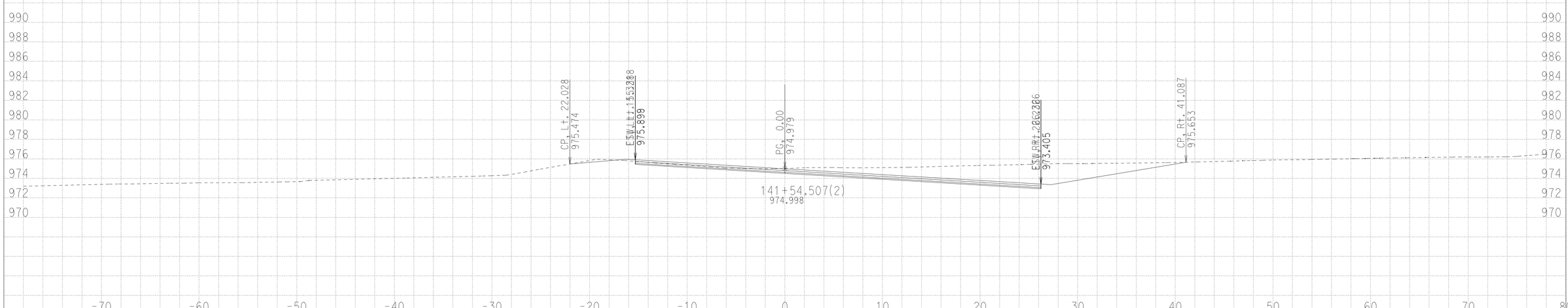
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY





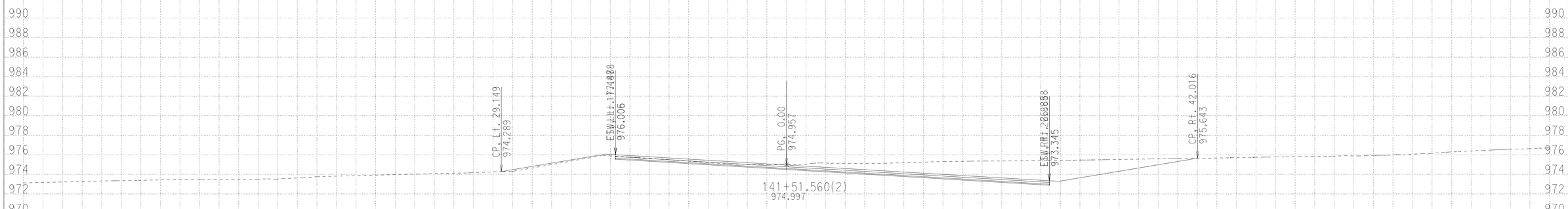
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

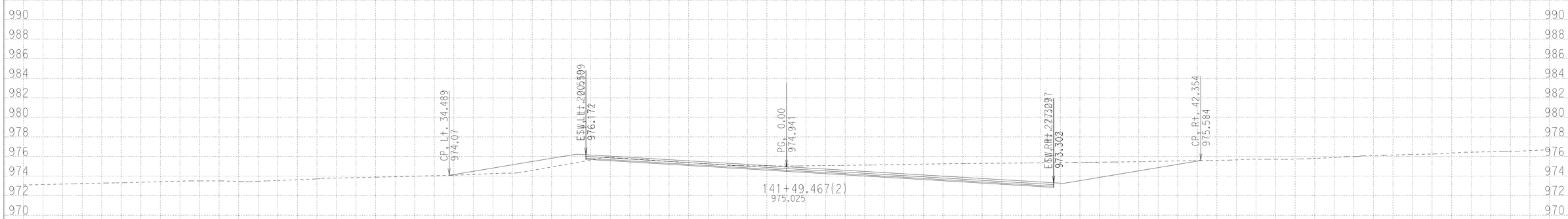
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

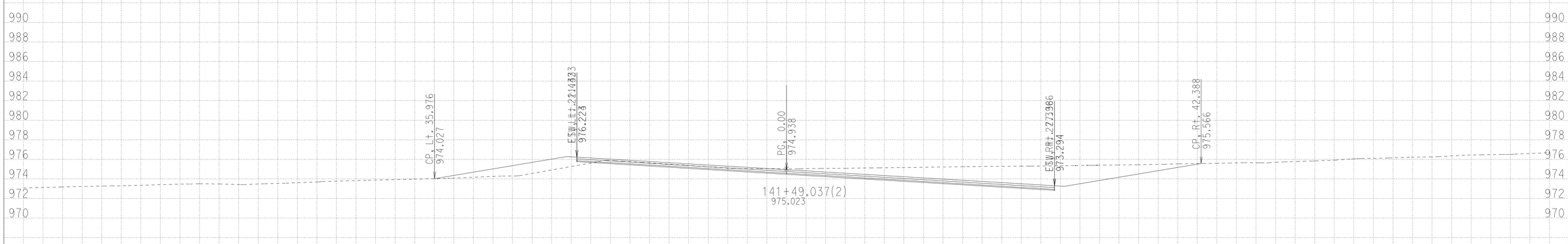
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY







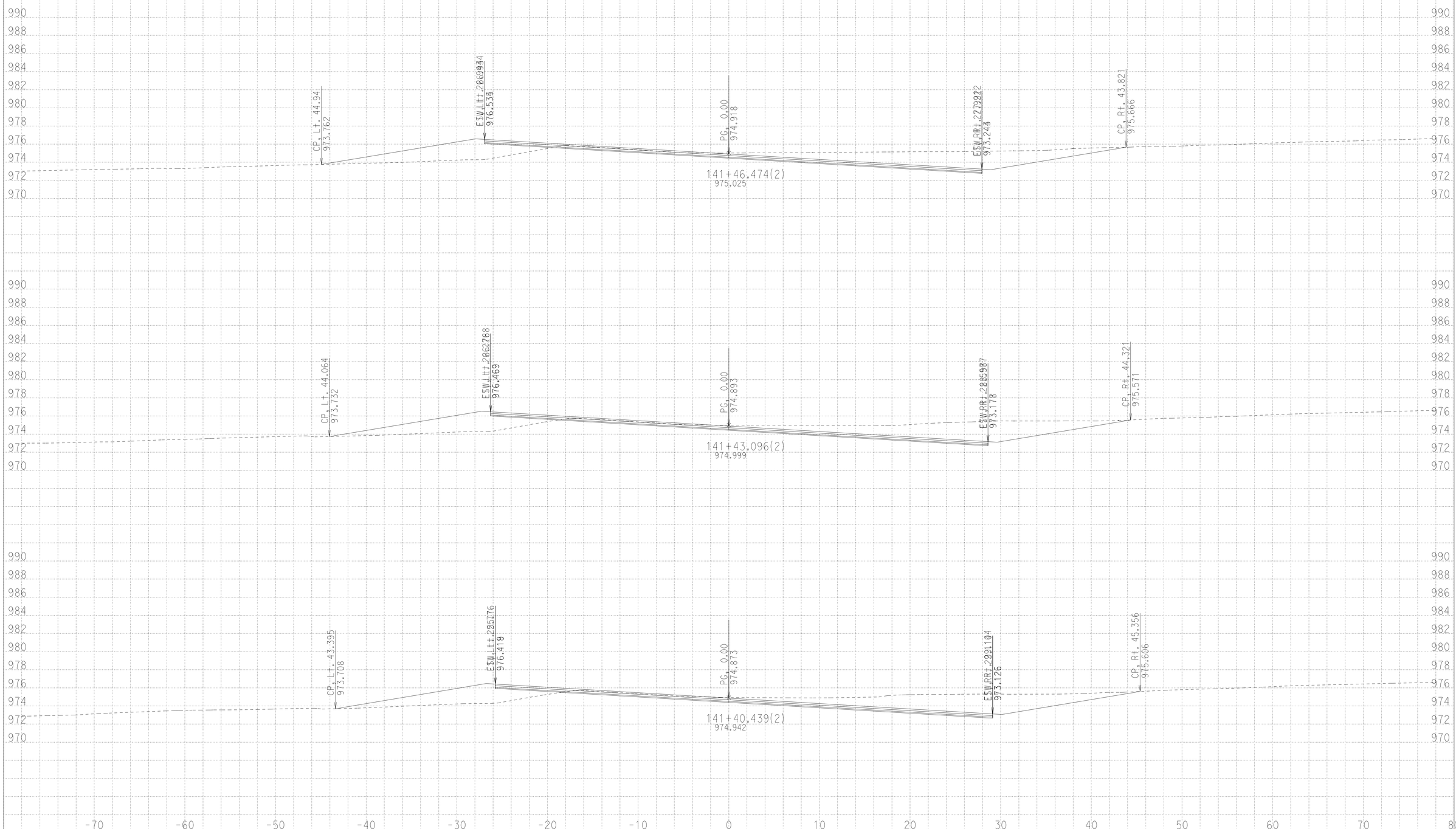
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

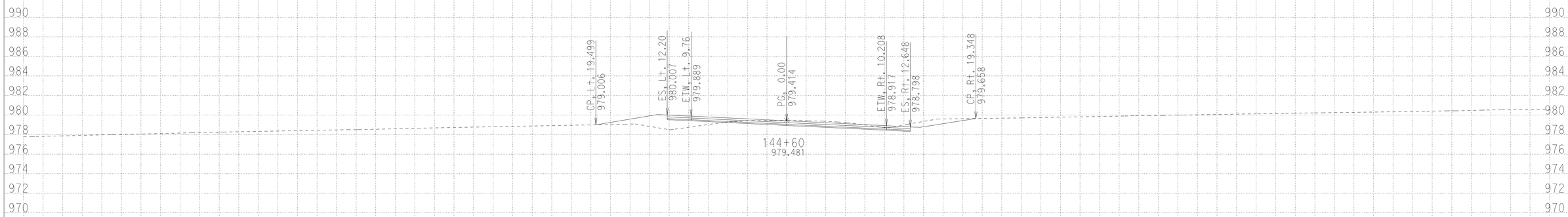
File: C:\Projects\SEG12\5-7-09dxs.ear

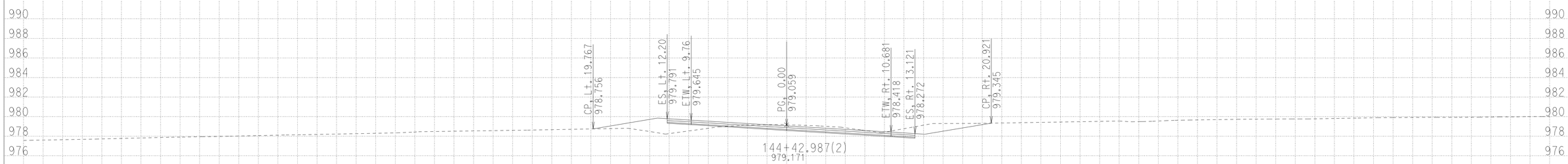
Scale Ratio: 1:200 Horiz.
1:200 Vert.

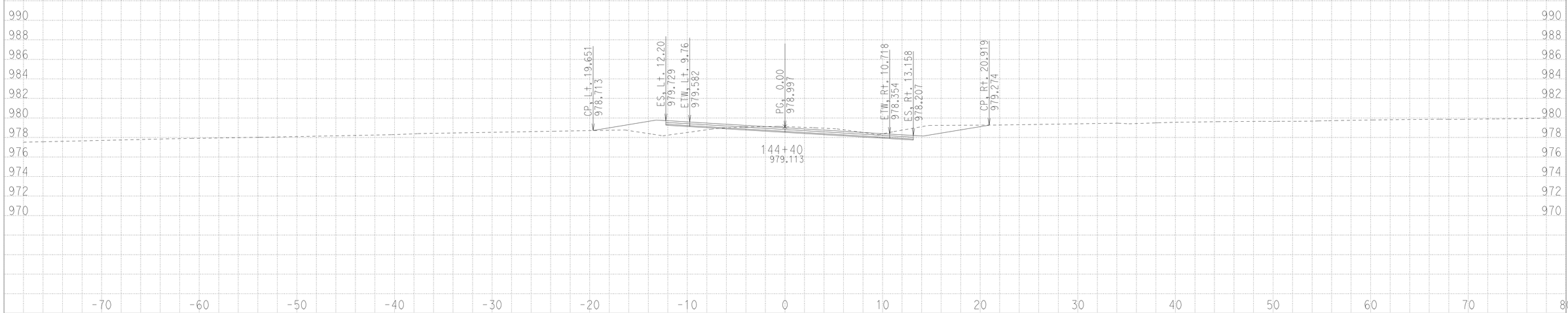
HAL1
CROSS SECTIONS

SHEET 73 OF XXX

DESIGN STUDY ONLY







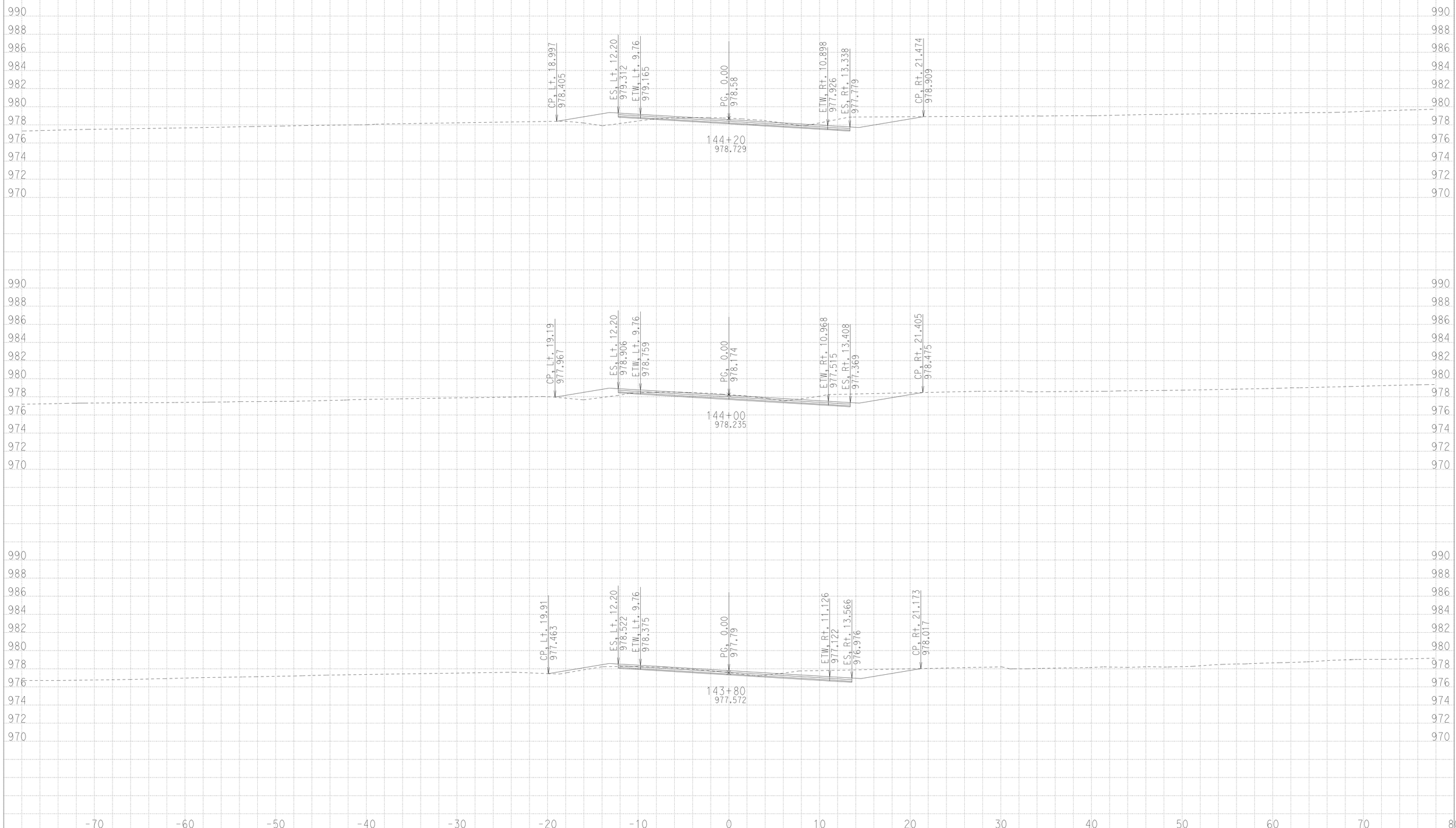
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

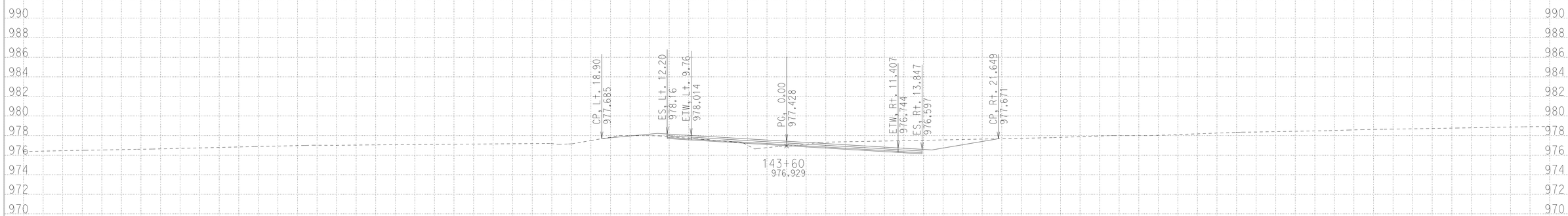
Scale Ratio: 1:200 Horiz.
1:200 Vert.

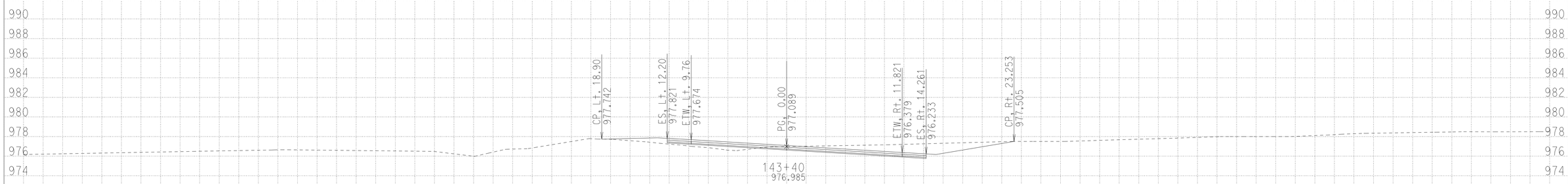
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

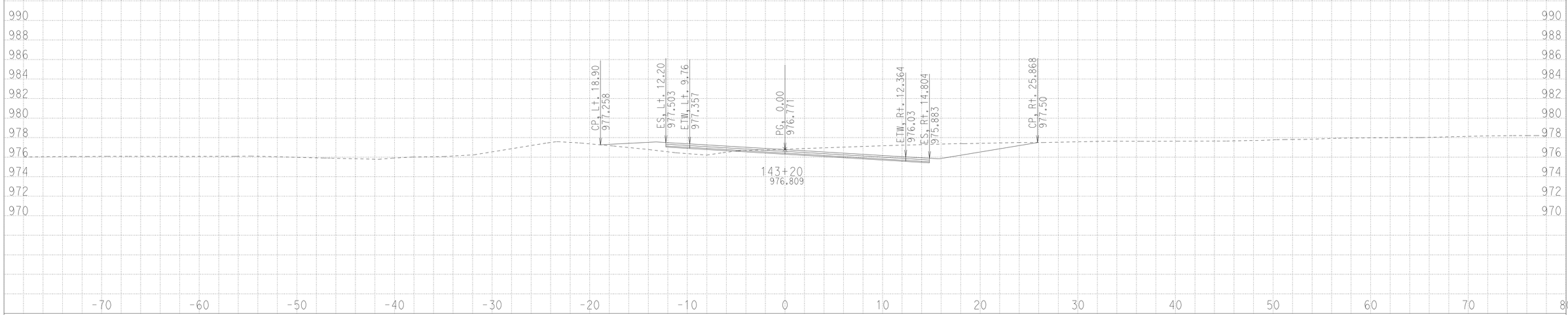
HAL1
CROSS SECTIONS

SHEET 83 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

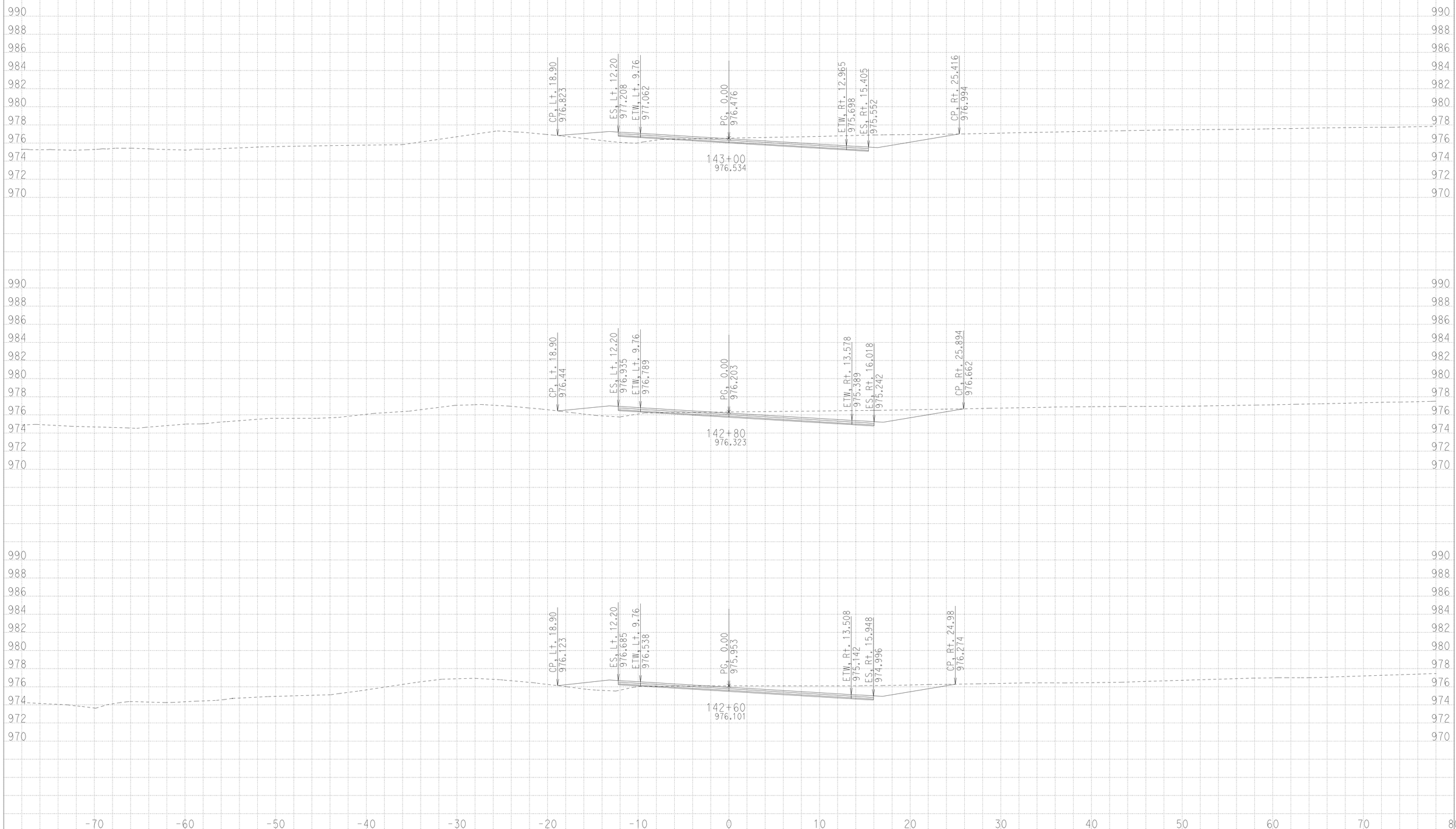
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 82 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

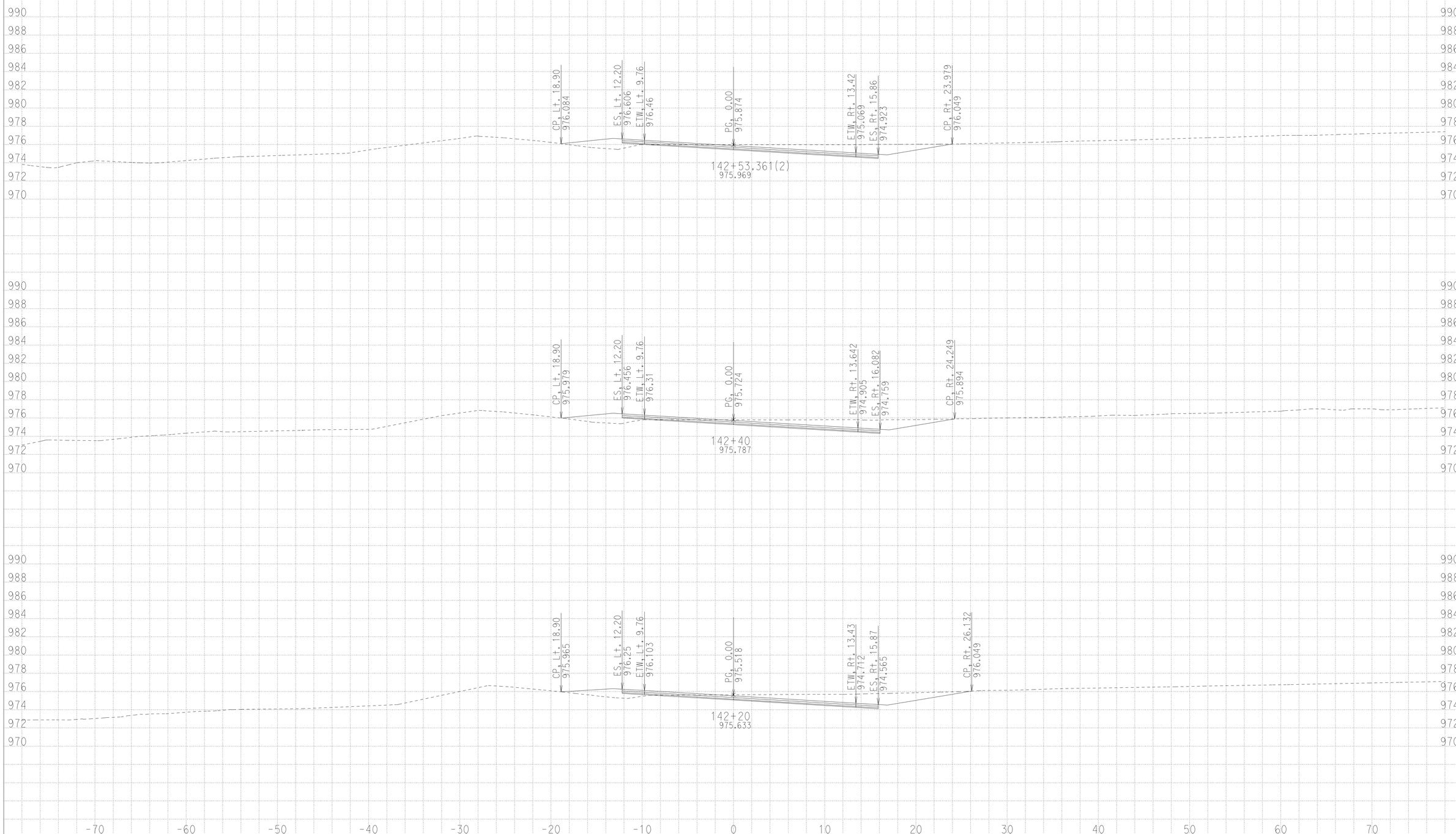
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 81 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

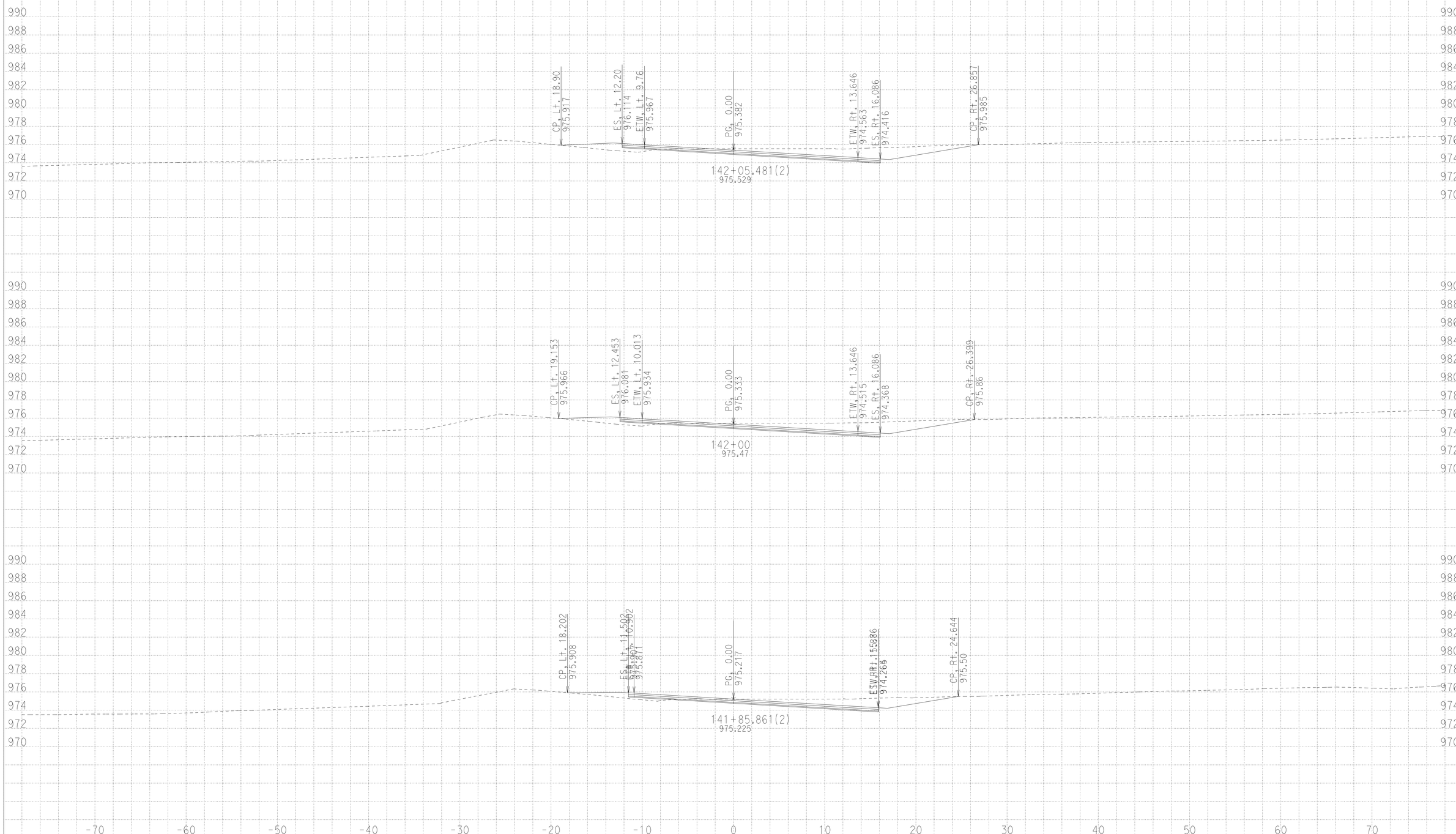
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 80 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

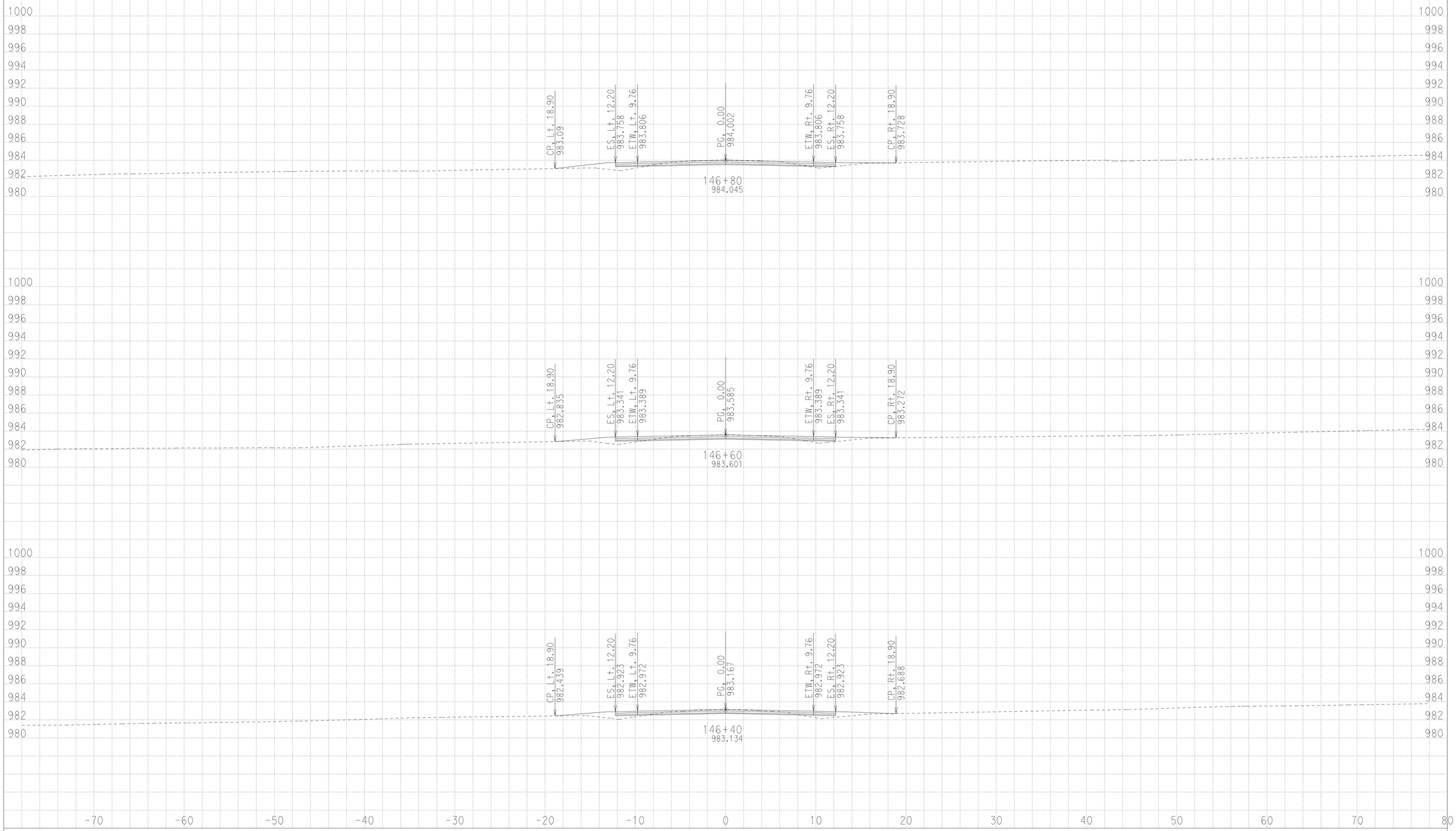
PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

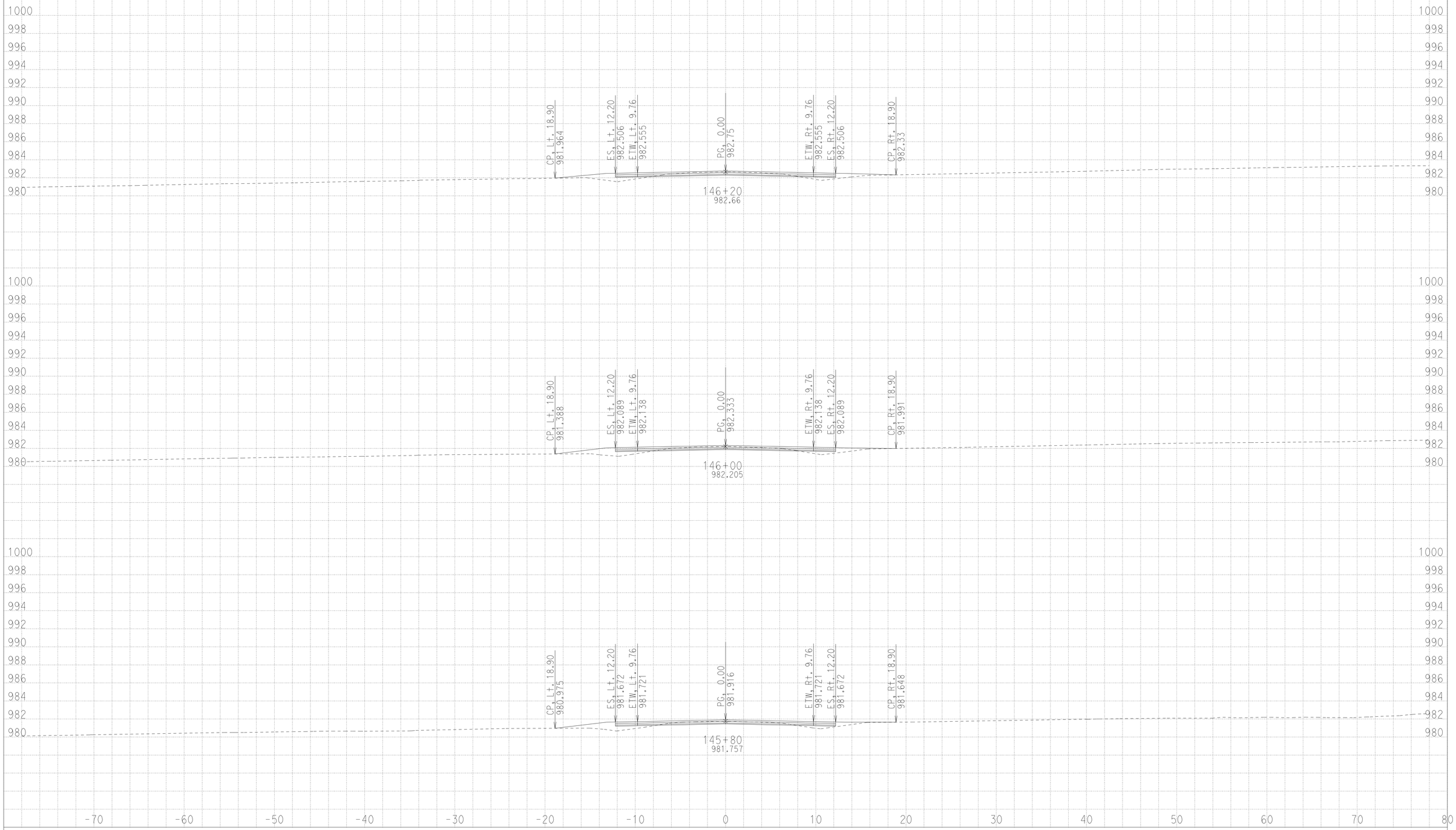
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 90 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

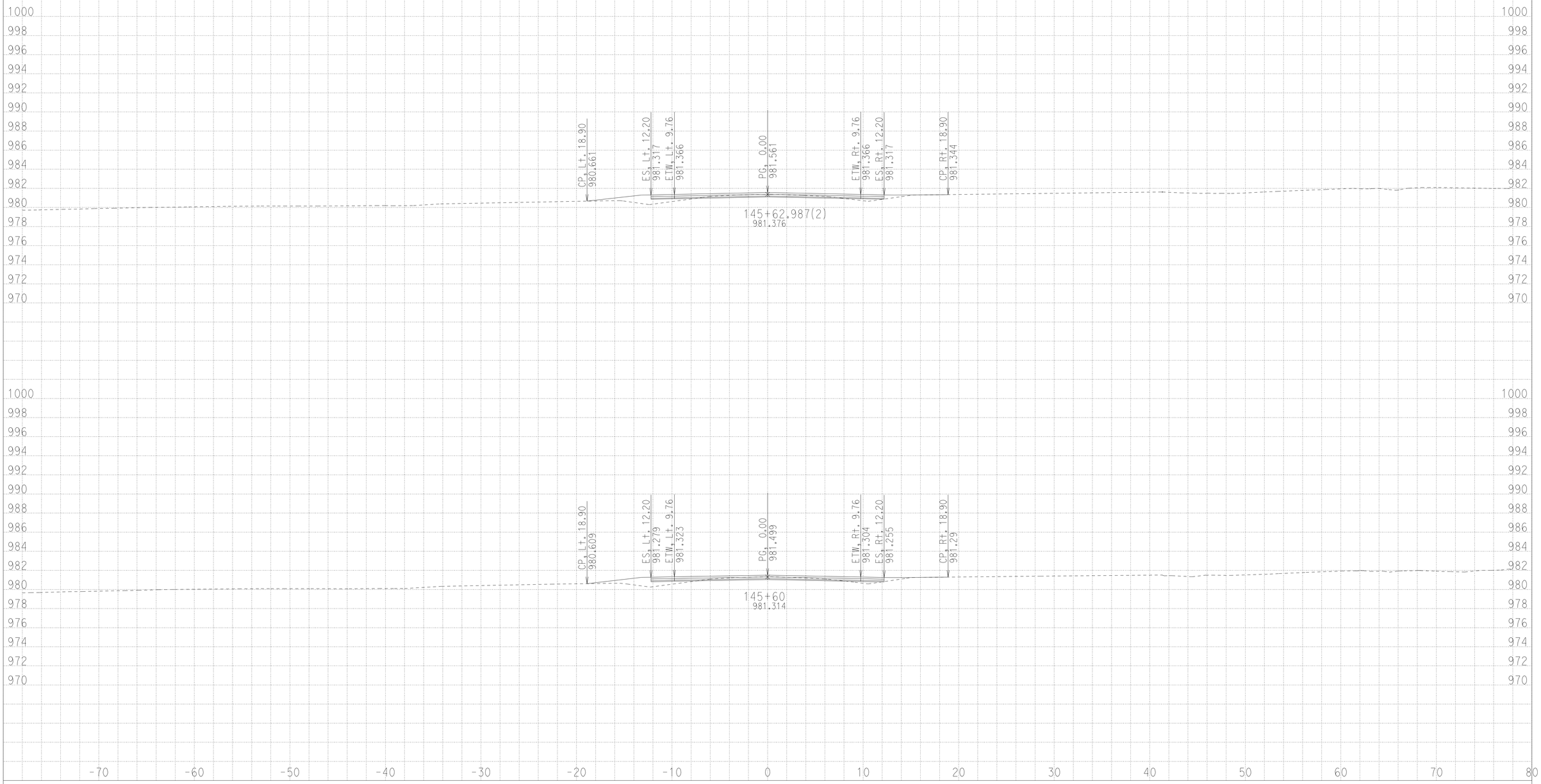
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 89 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

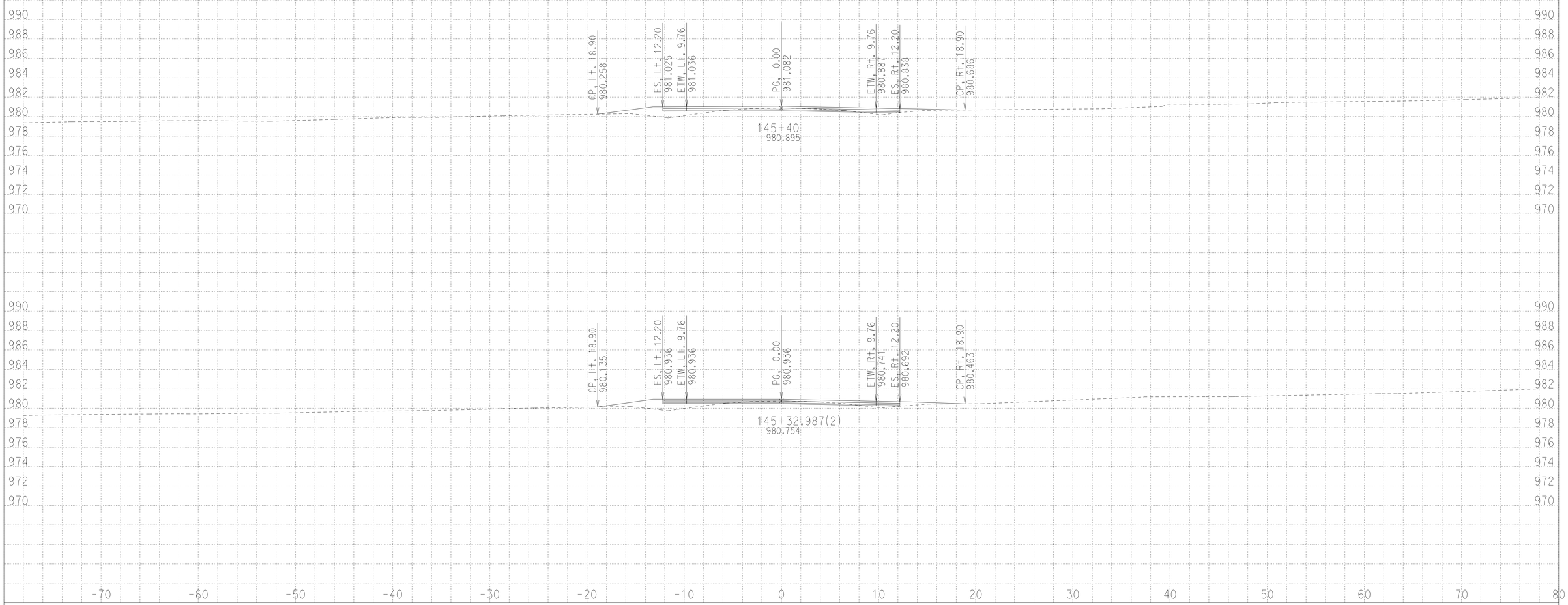
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 88 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

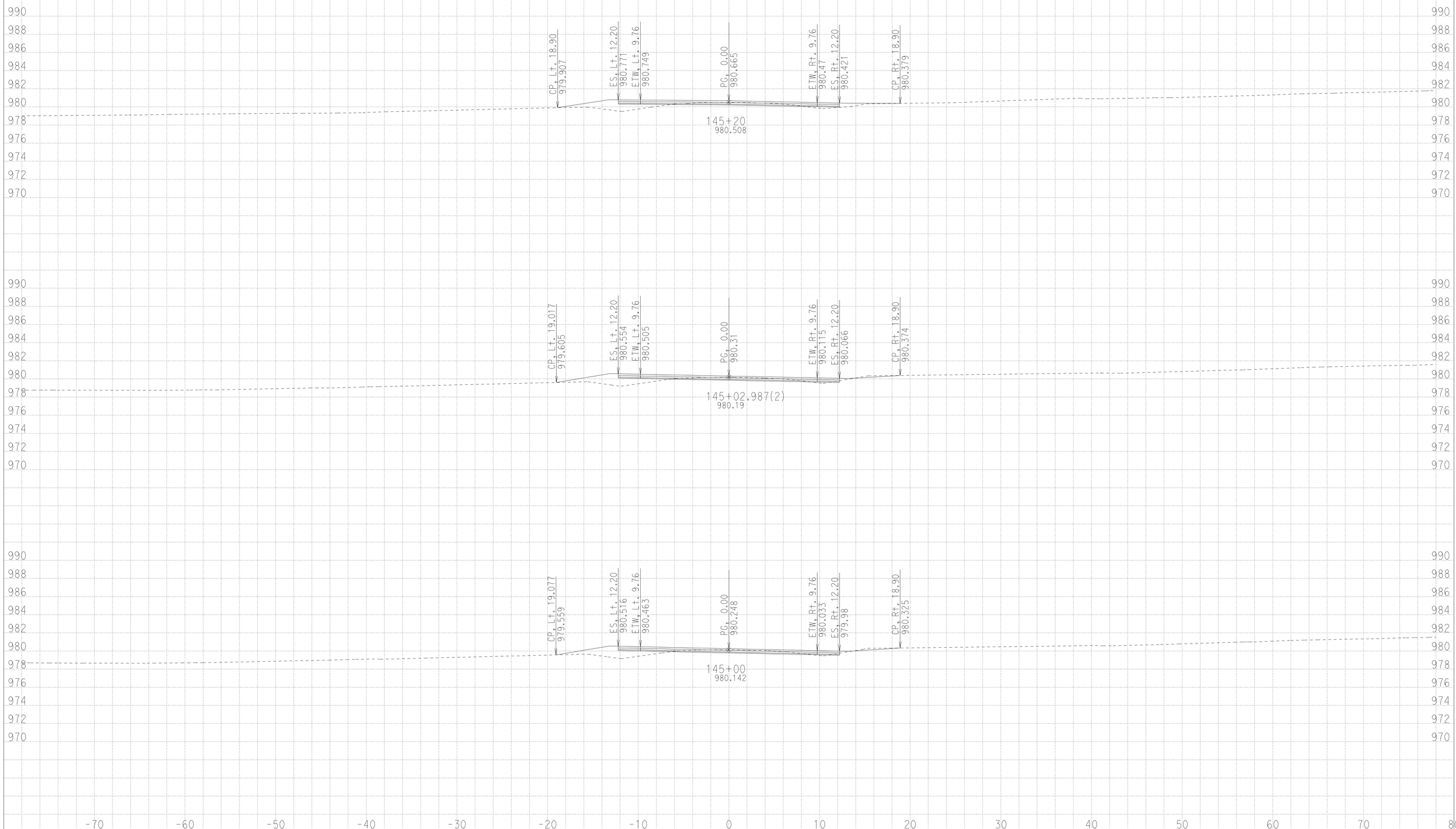
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 87 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

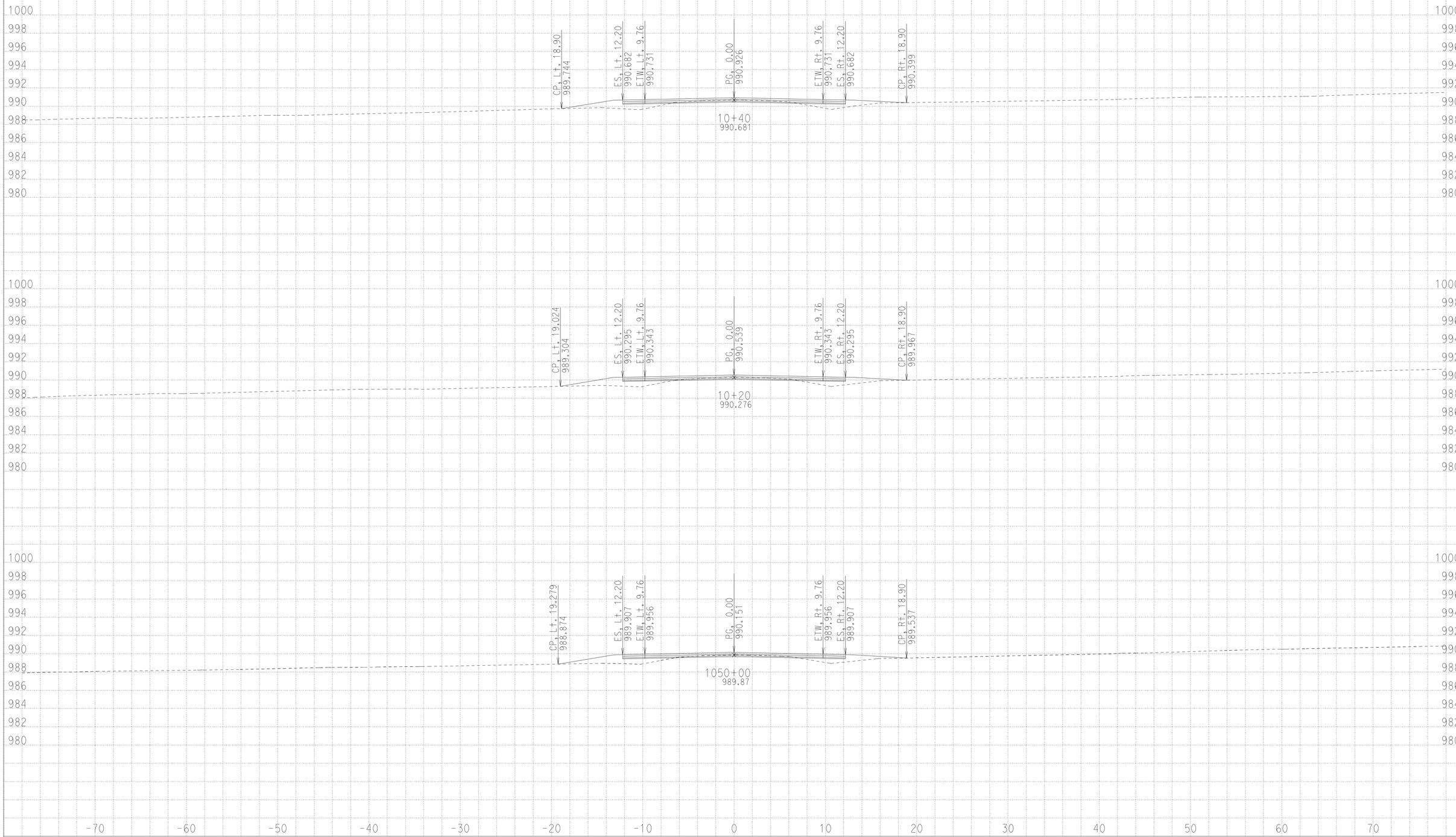
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 86 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

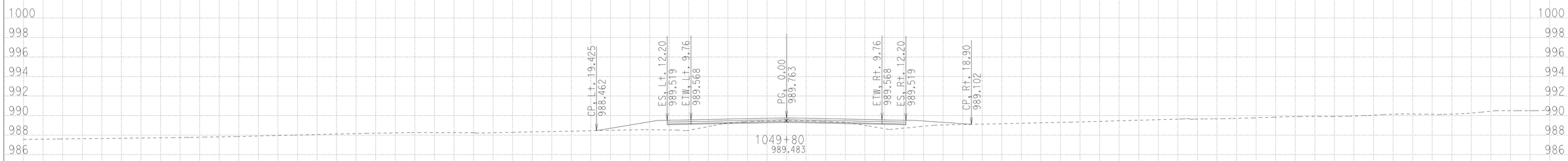
Scale Ratio: 1:200 Horiz.
1:200 Vert.

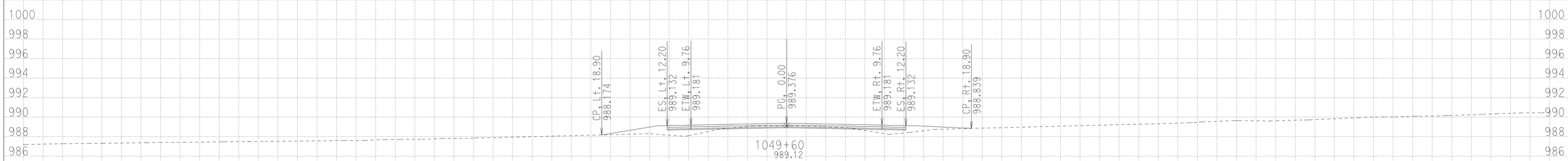
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

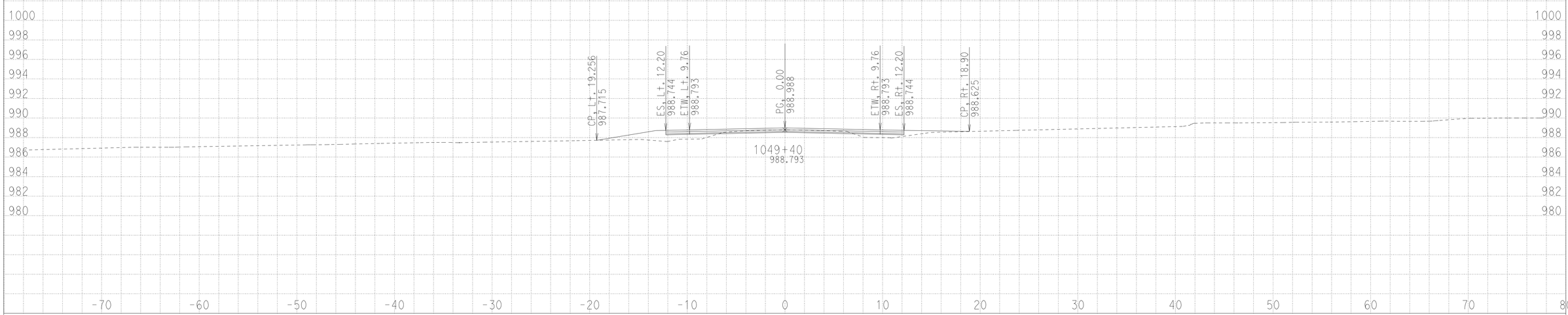
HAL1
CROSS SECTIONS

SHEET 96 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

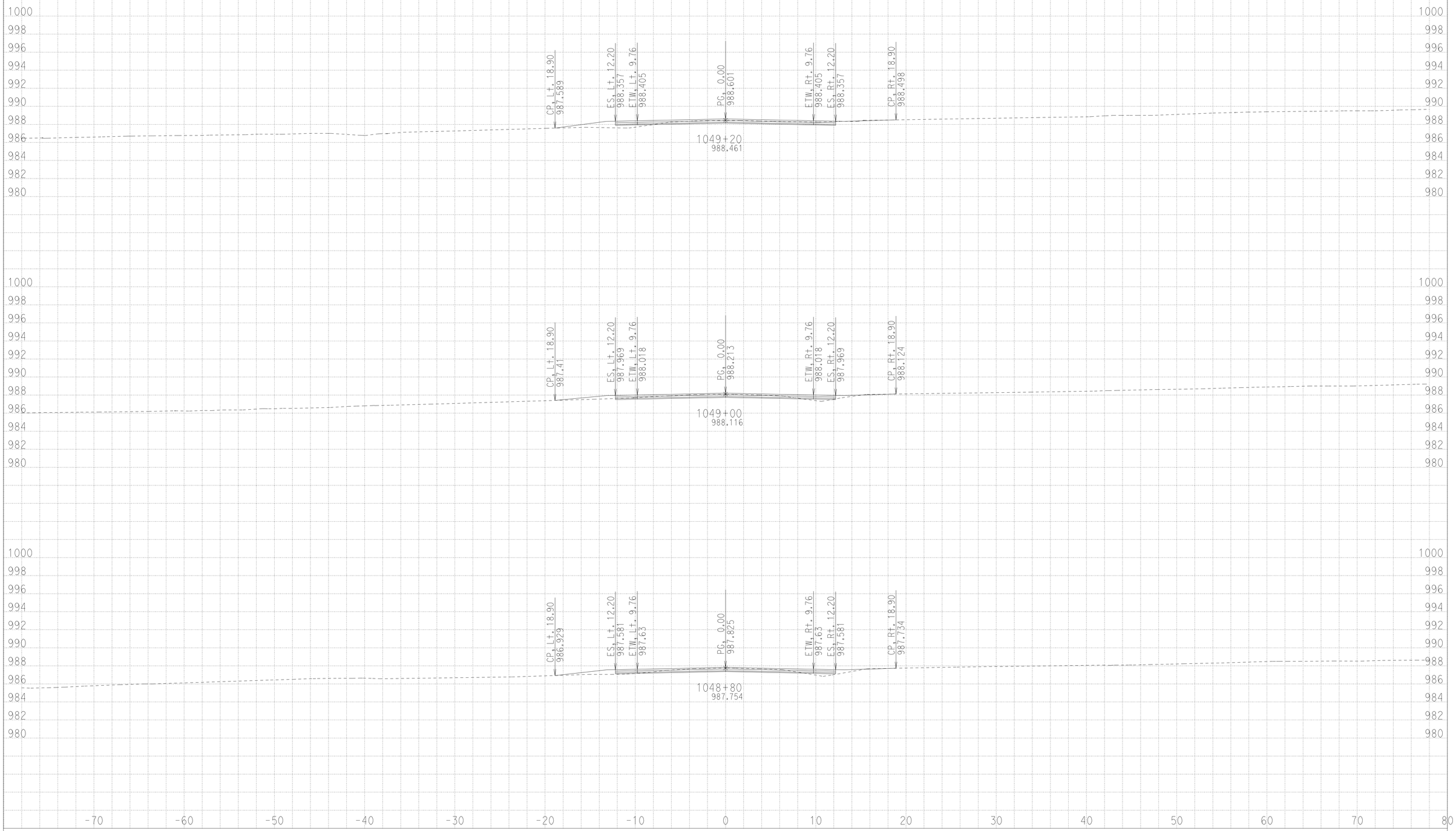
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

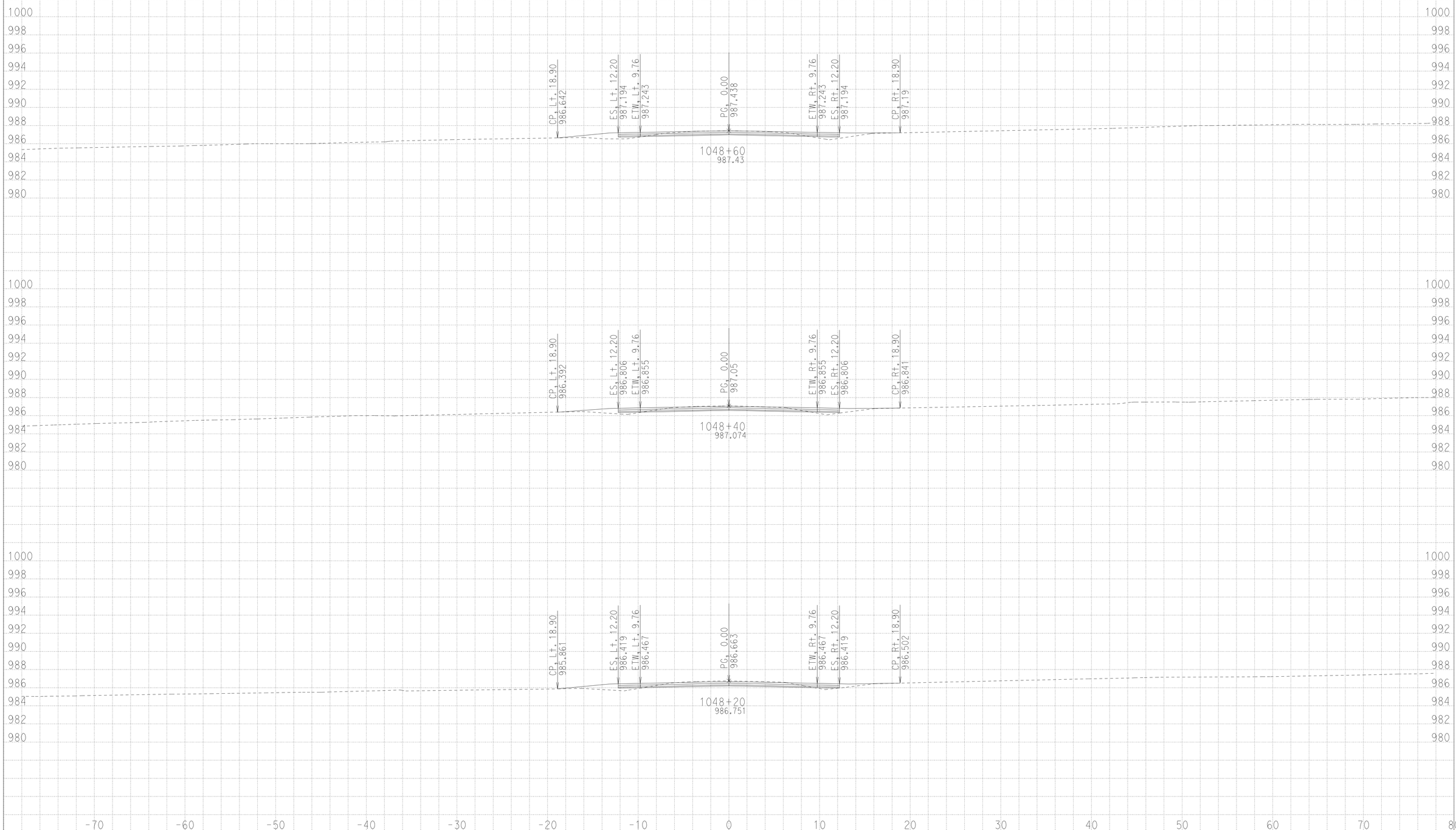
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 94 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

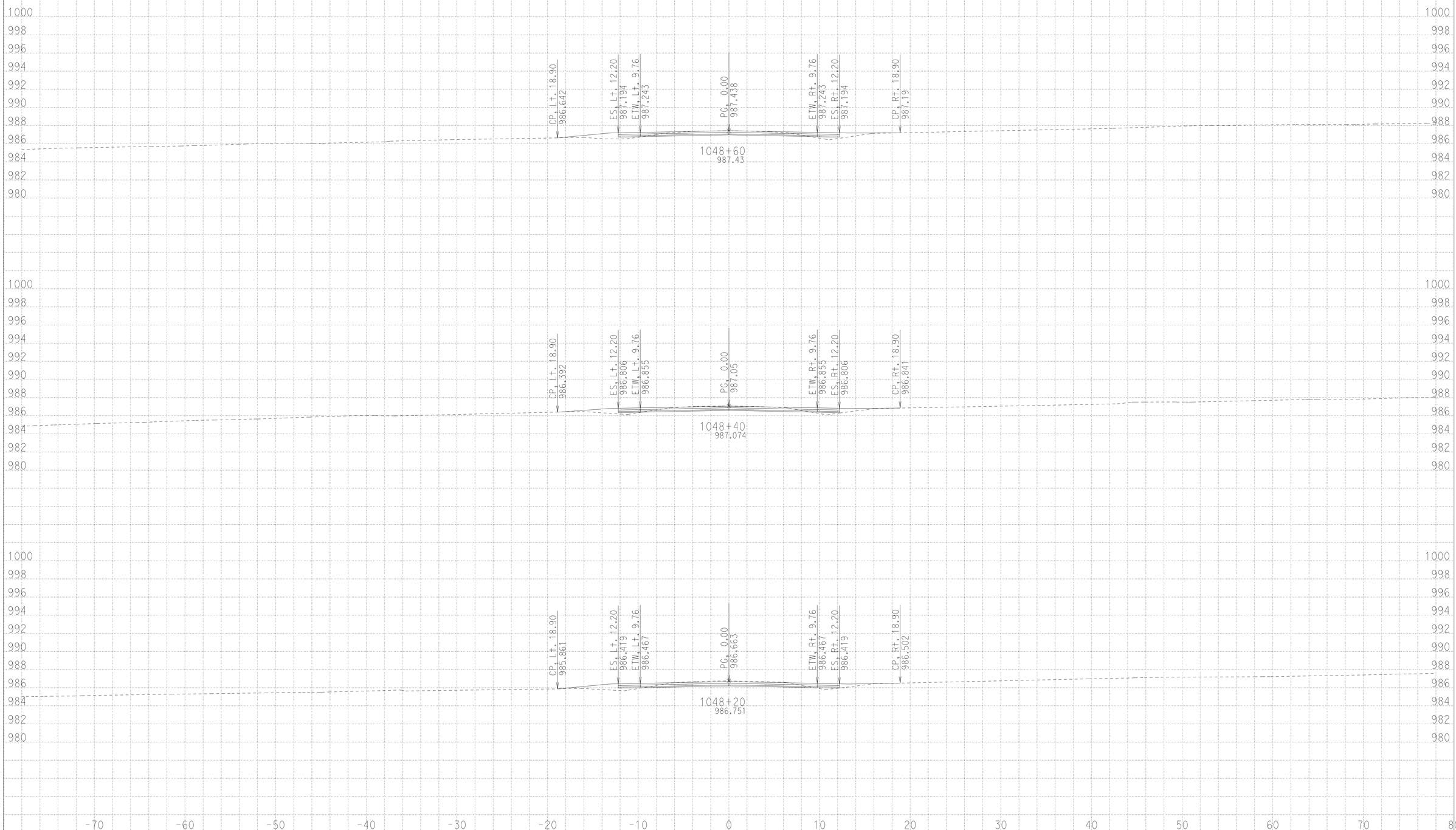
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 93 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

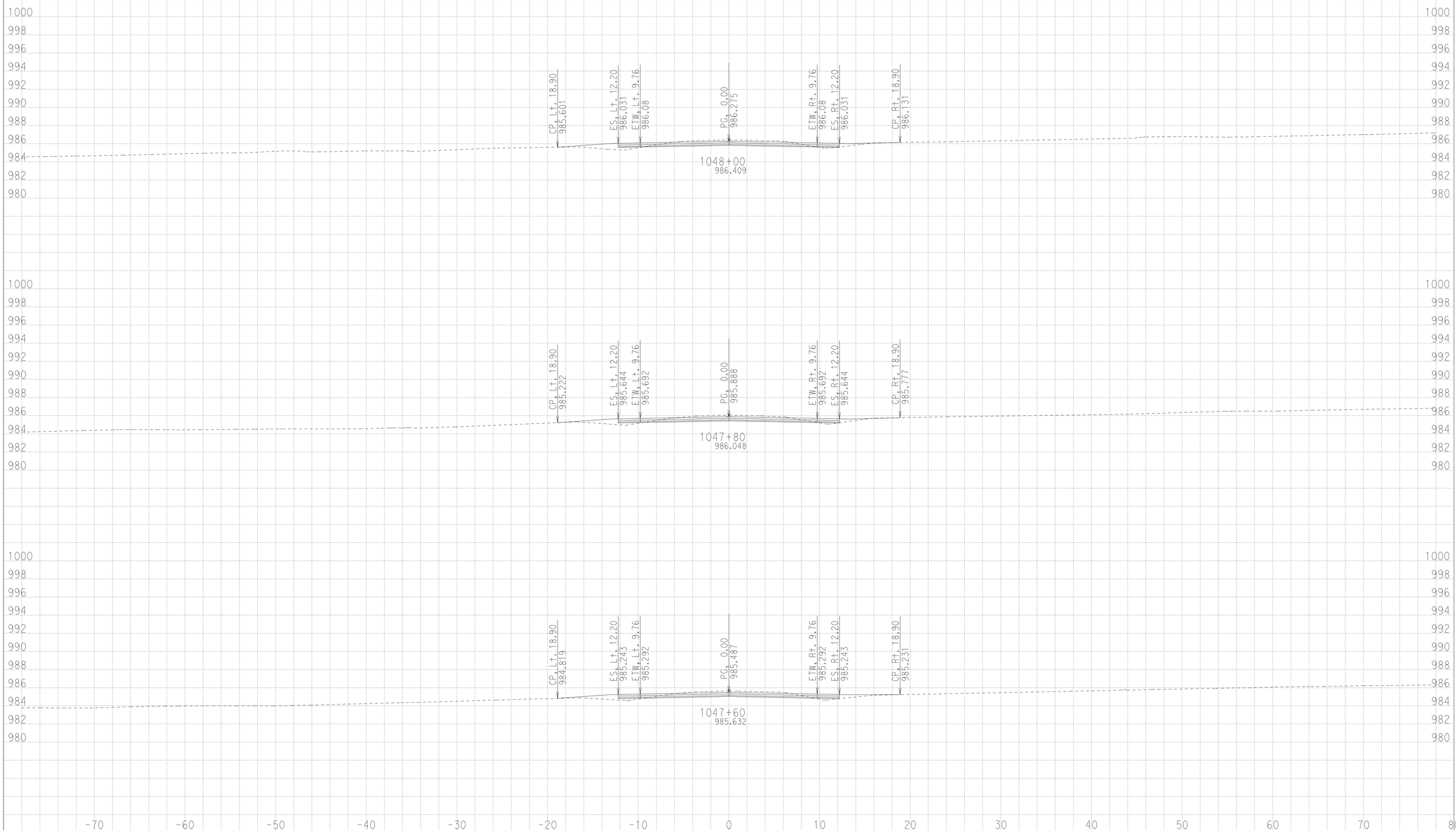
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 93 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

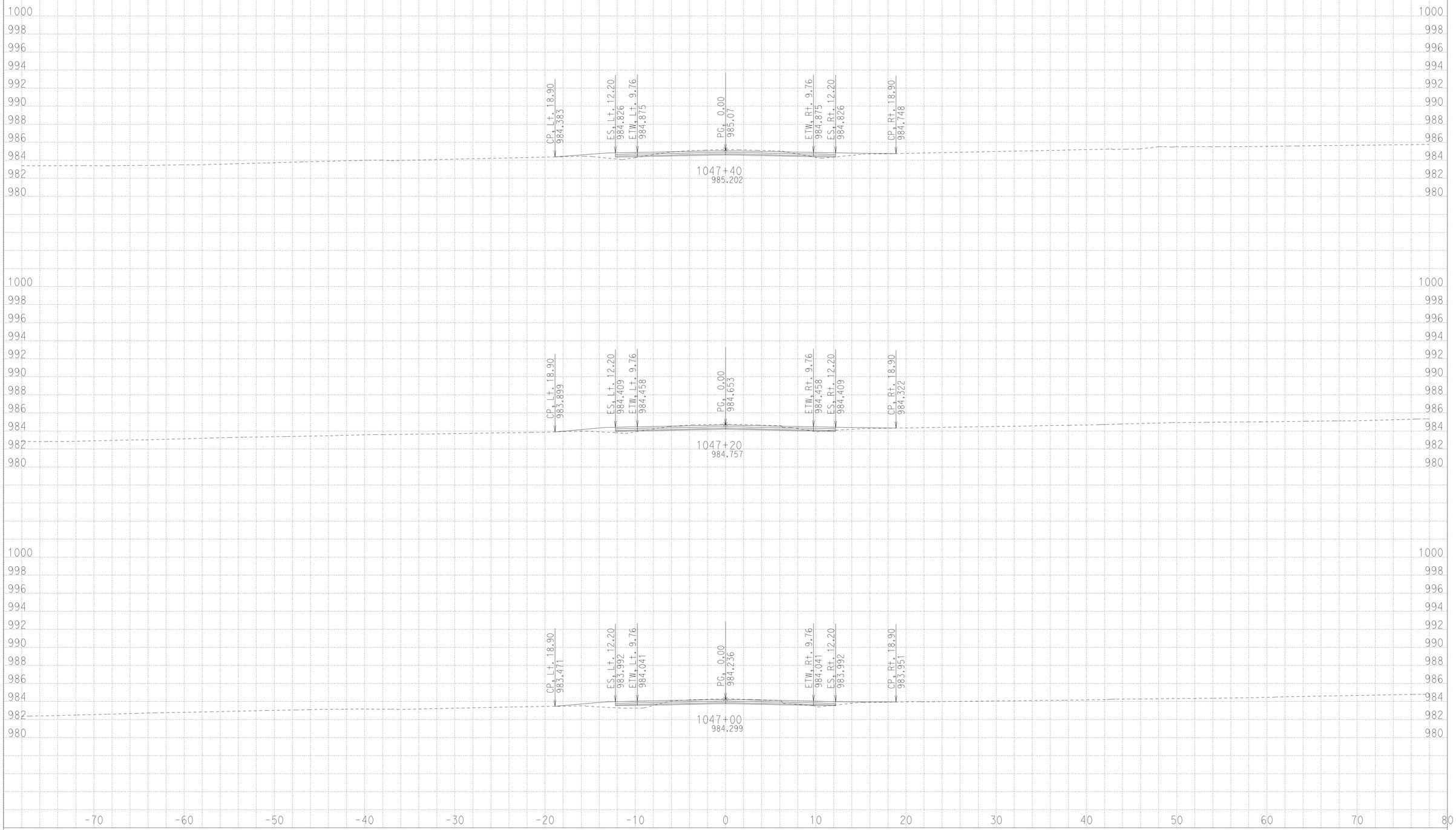
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 92 OF XXX

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

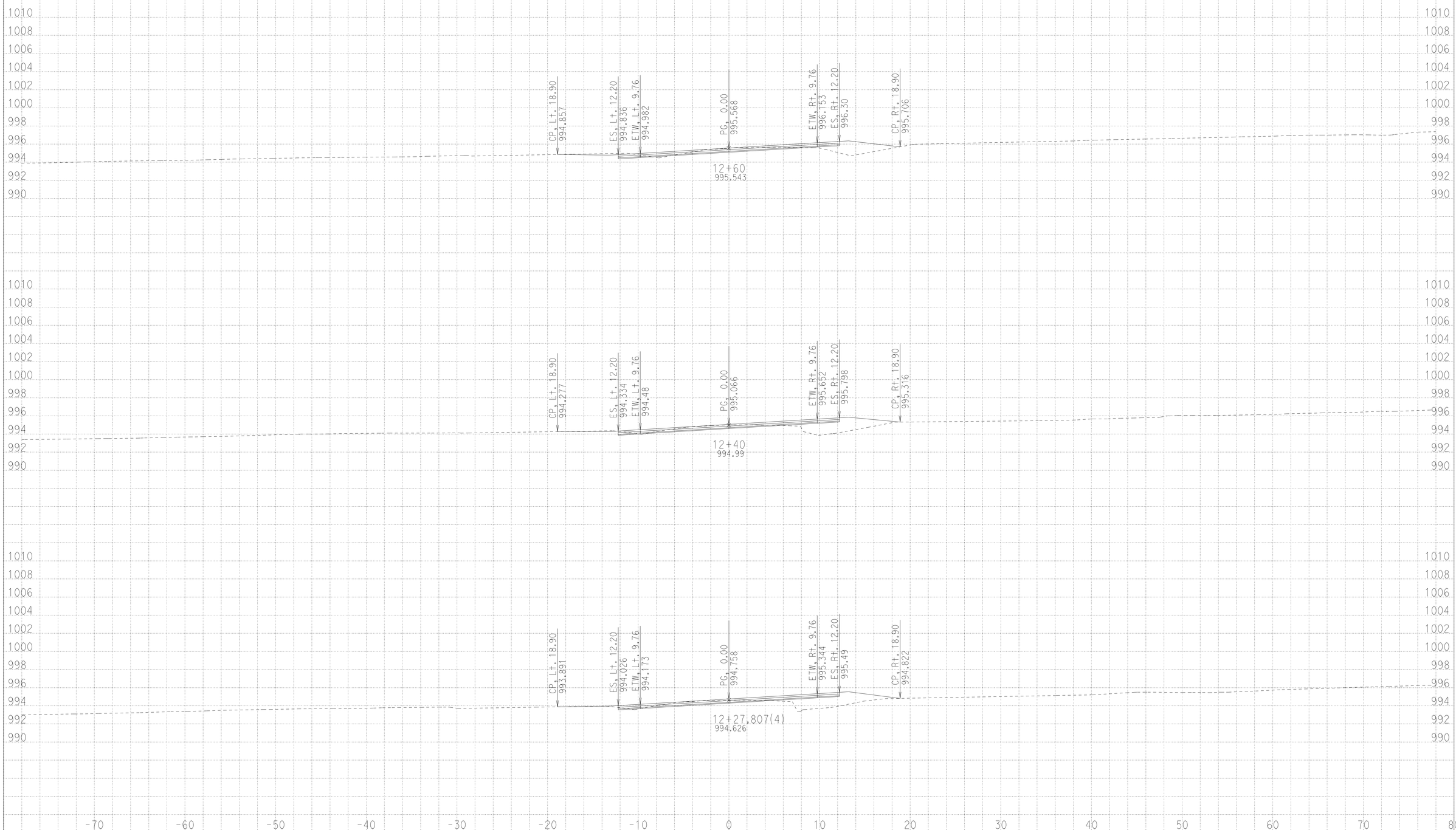
PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

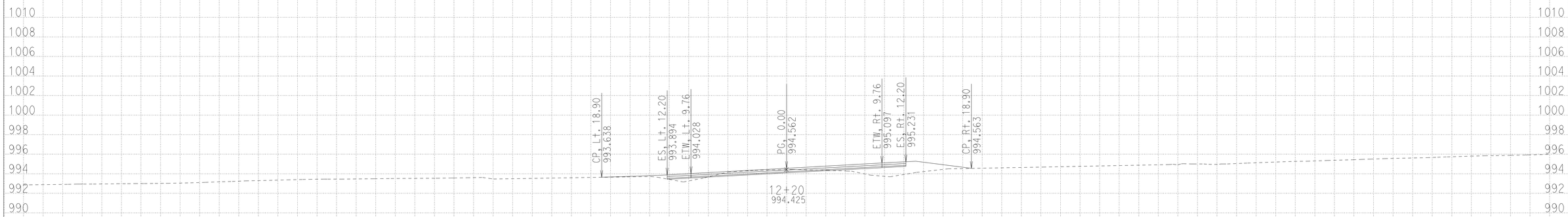
Scale Ratio: 1:200 Horiz.
1:200 Vert.

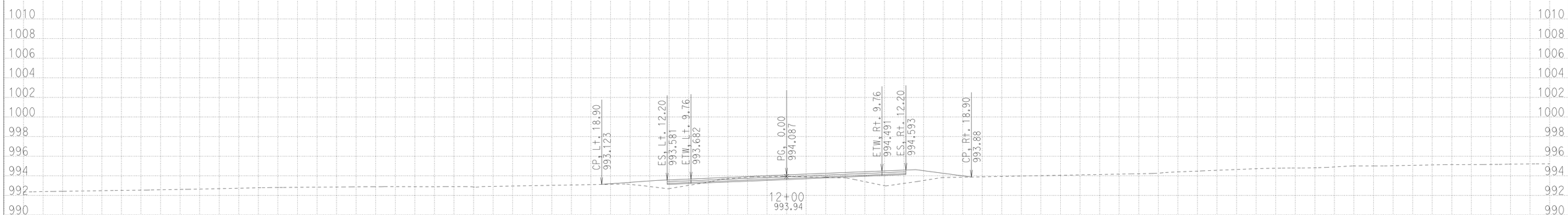
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

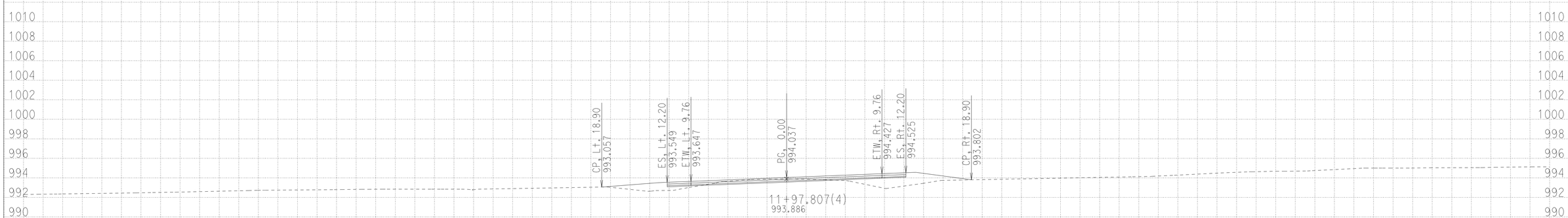
HAL1
CROSS SECTIONS

SHEET 102 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

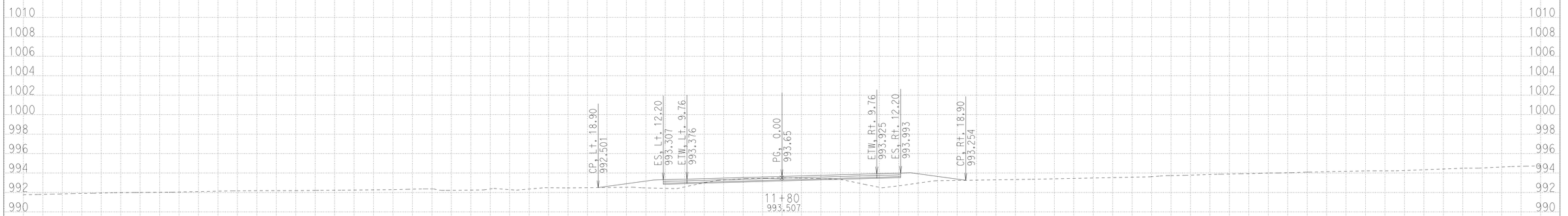
Scale Ratio: 1:200 Horiz.
1:200 Vert.

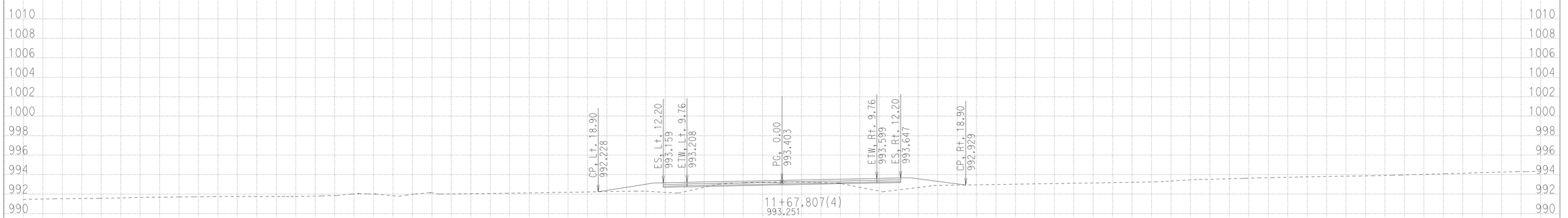
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

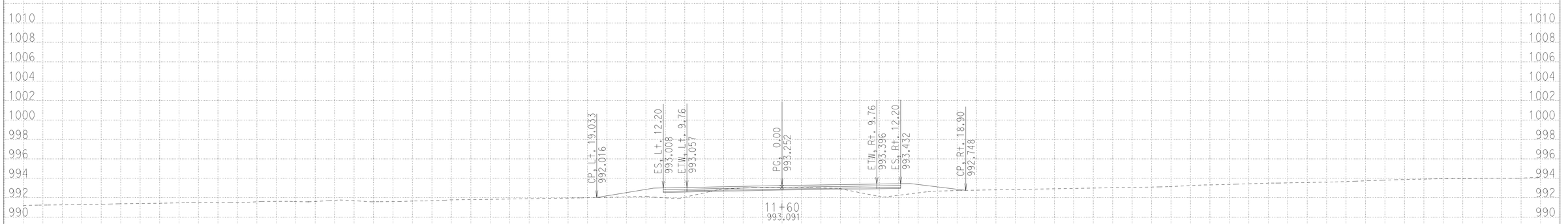
HAL1
CROSS SECTIONS

SHEET 101 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

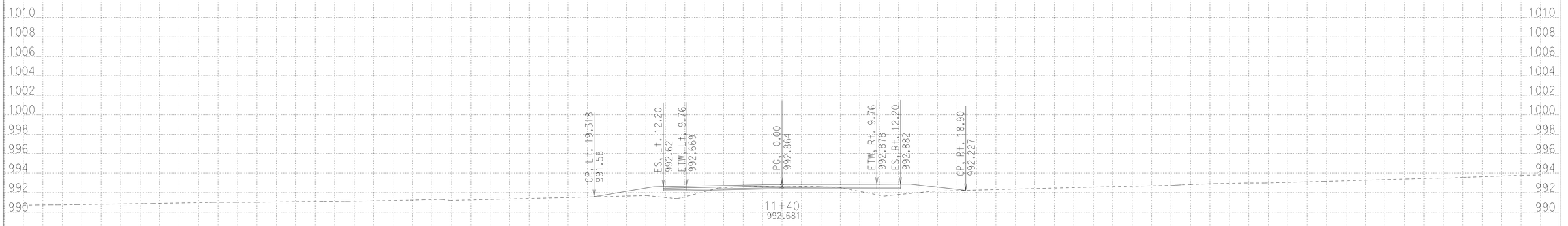
File: C:\Projects\SEG12\5-7-09dxs.ear

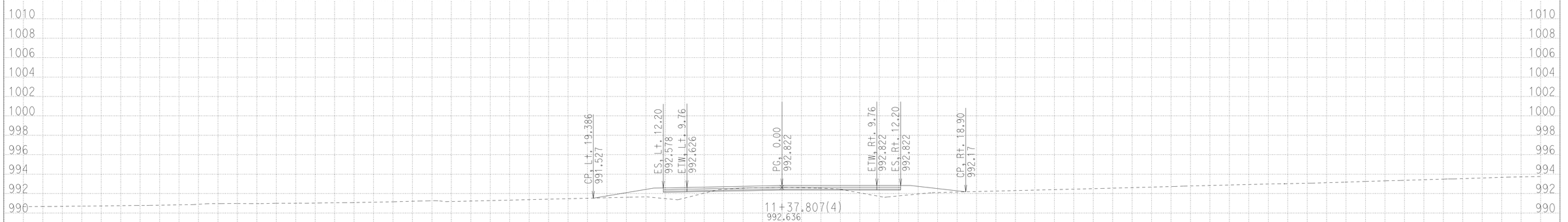
Scale Ratio: 1:200 Horiz.
1:200 Vert.

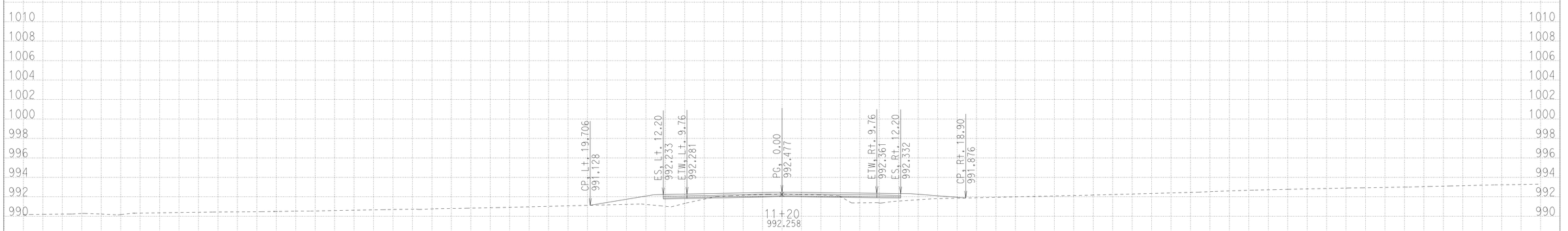
HAL1
CROSS SECTIONS

SHEET 100 OF XXX

DESIGN STUDY ONLY







CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

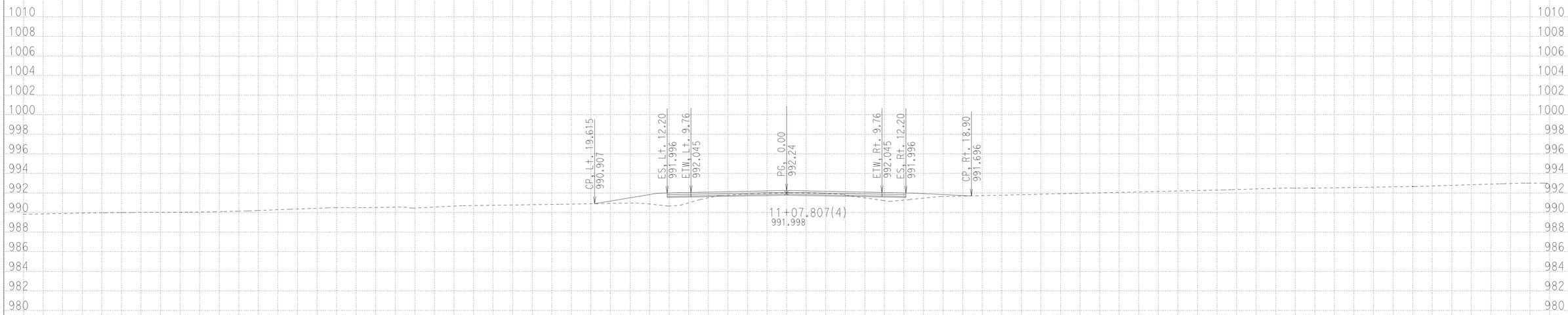
KC Project: SEG12

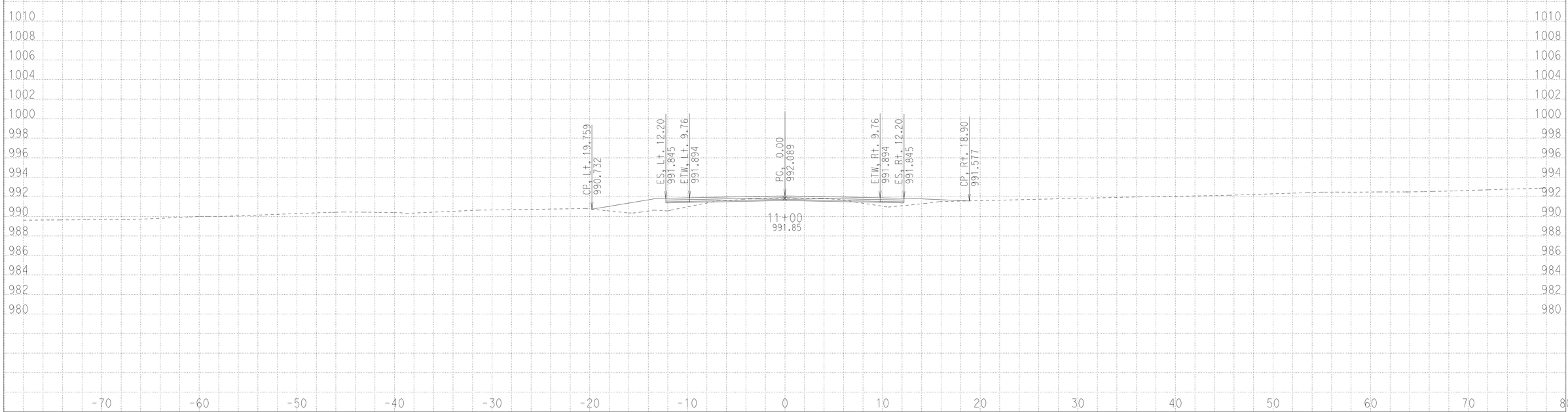
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY





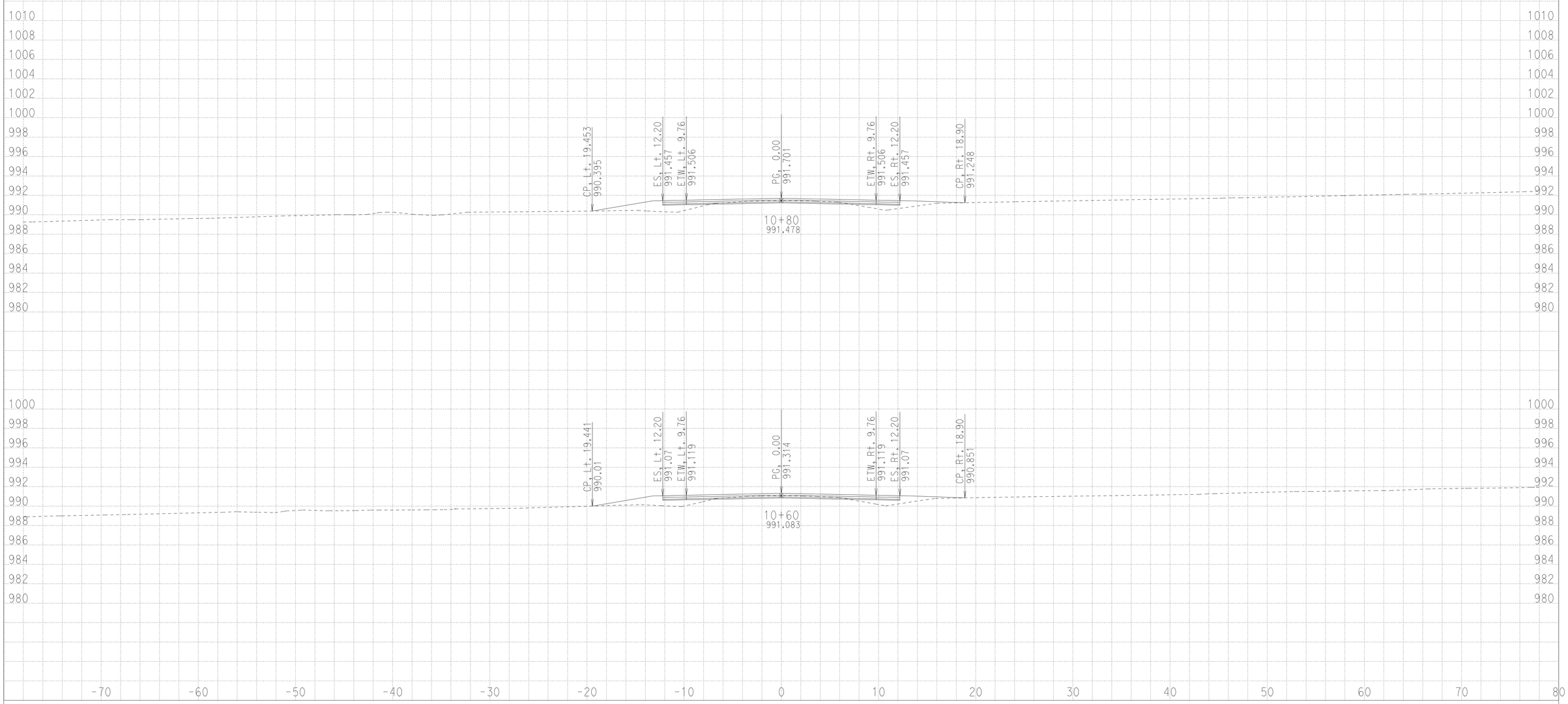
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

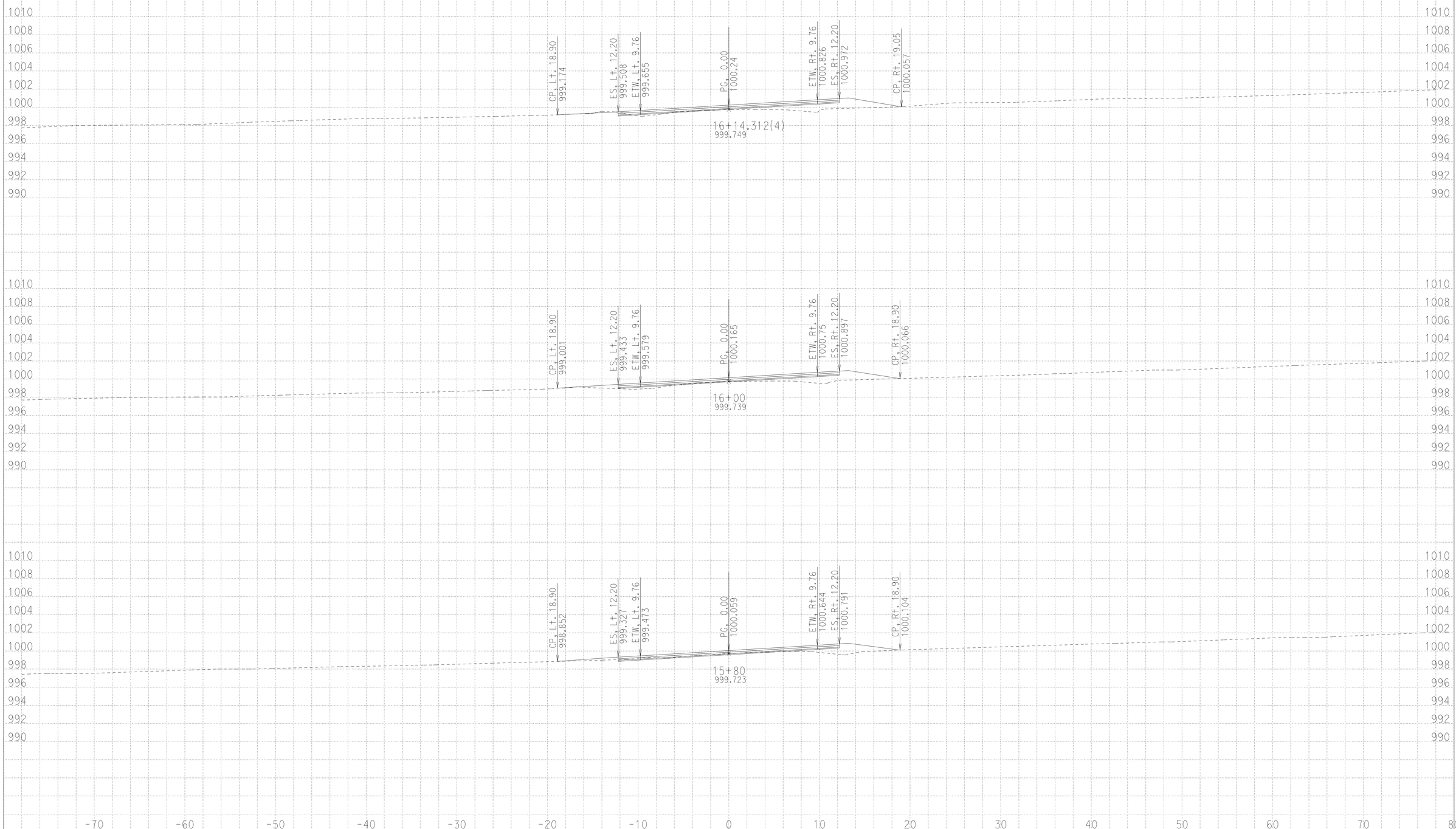
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 97 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

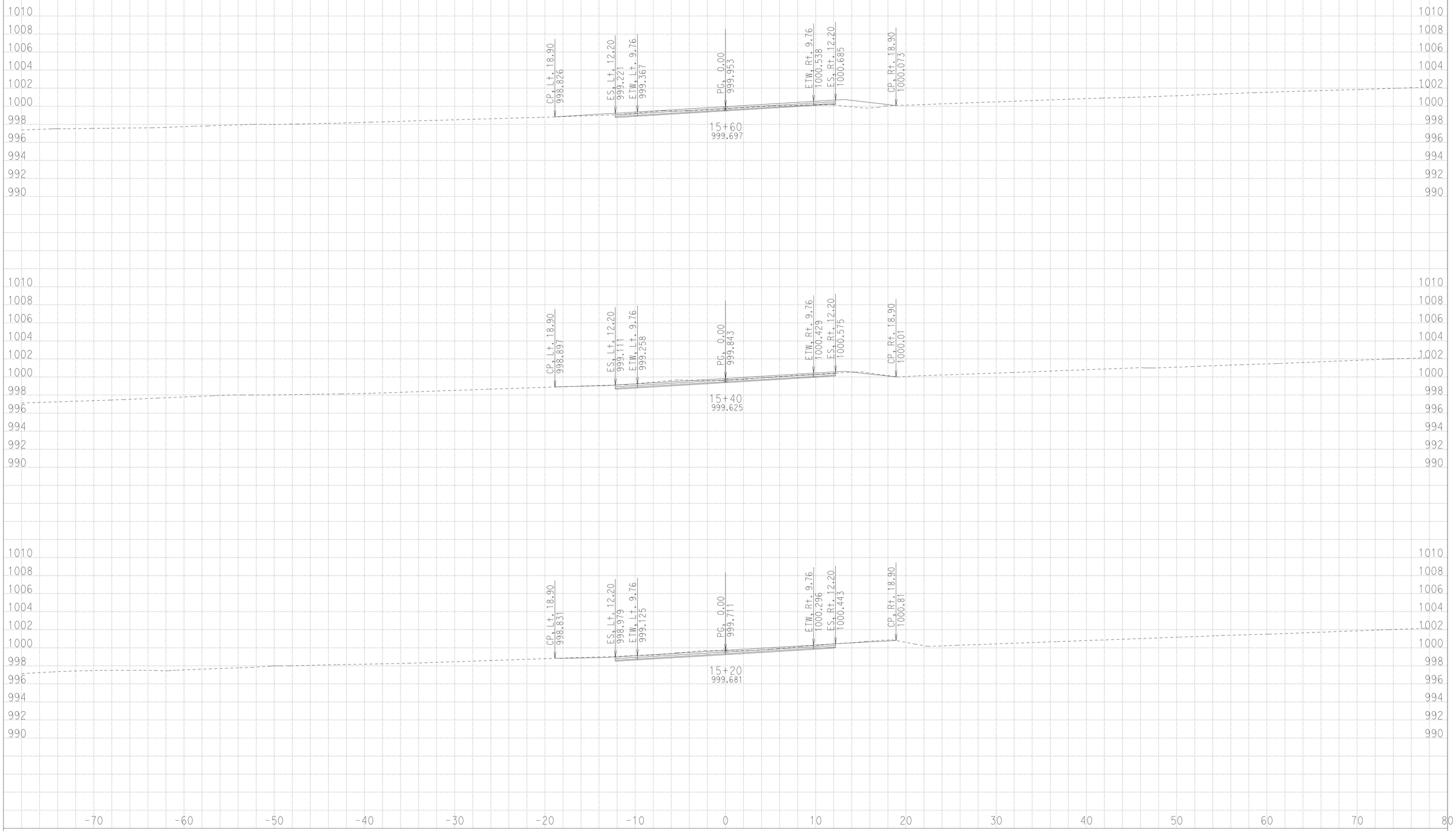
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 108 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

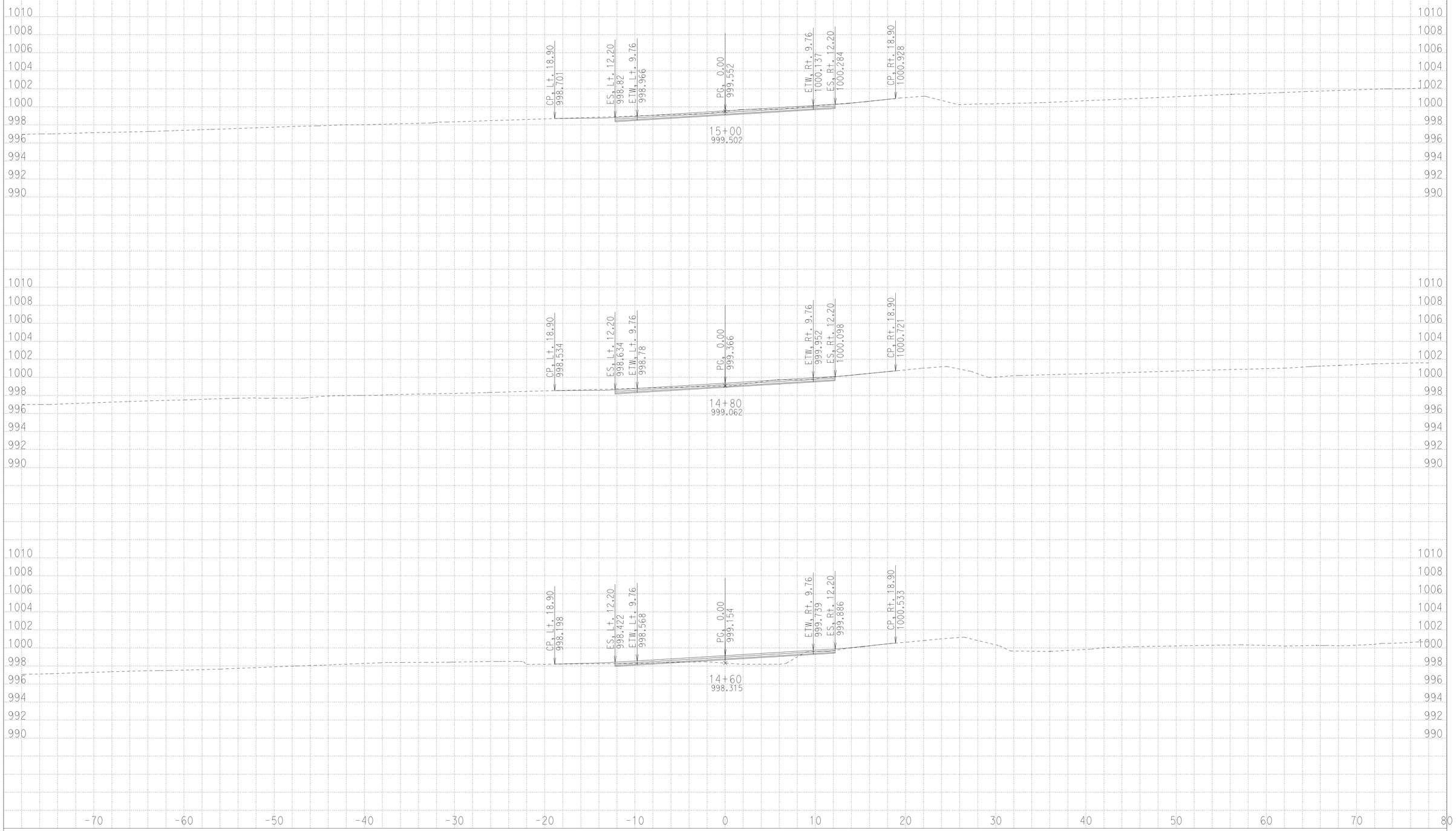
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 107 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

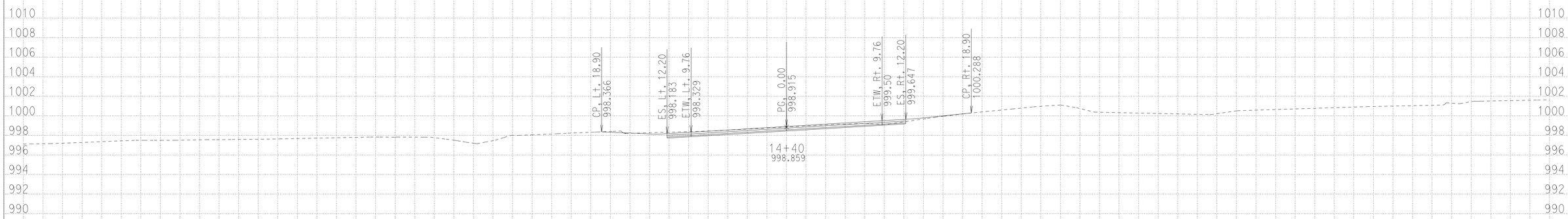
Scale Ratio: 1:200 Horiz.
1:200 Vert.

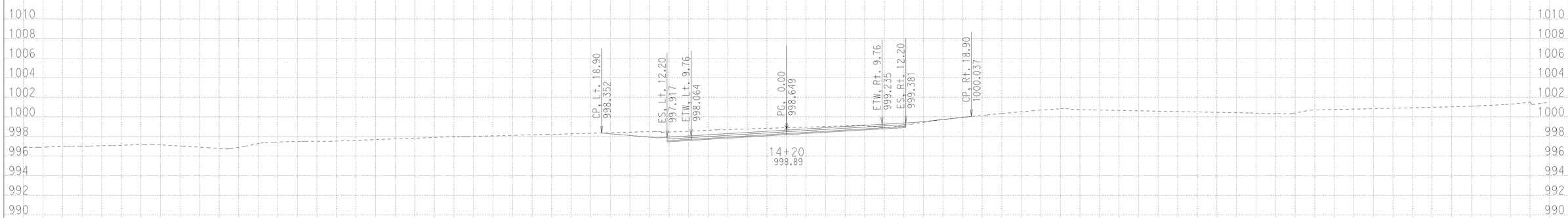
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

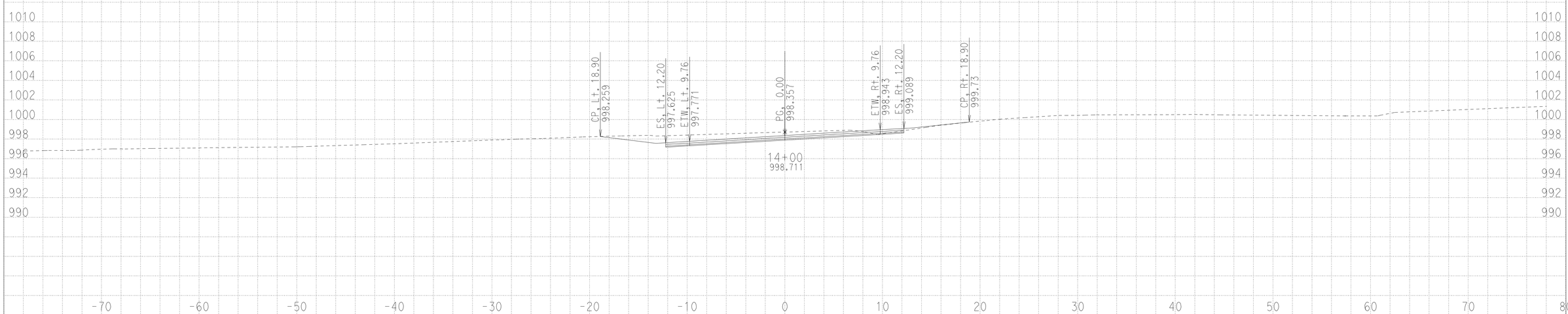
HAL1
CROSS SECTIONS

SHEET 106 OF XXX

DESIGN STUDY ONLY







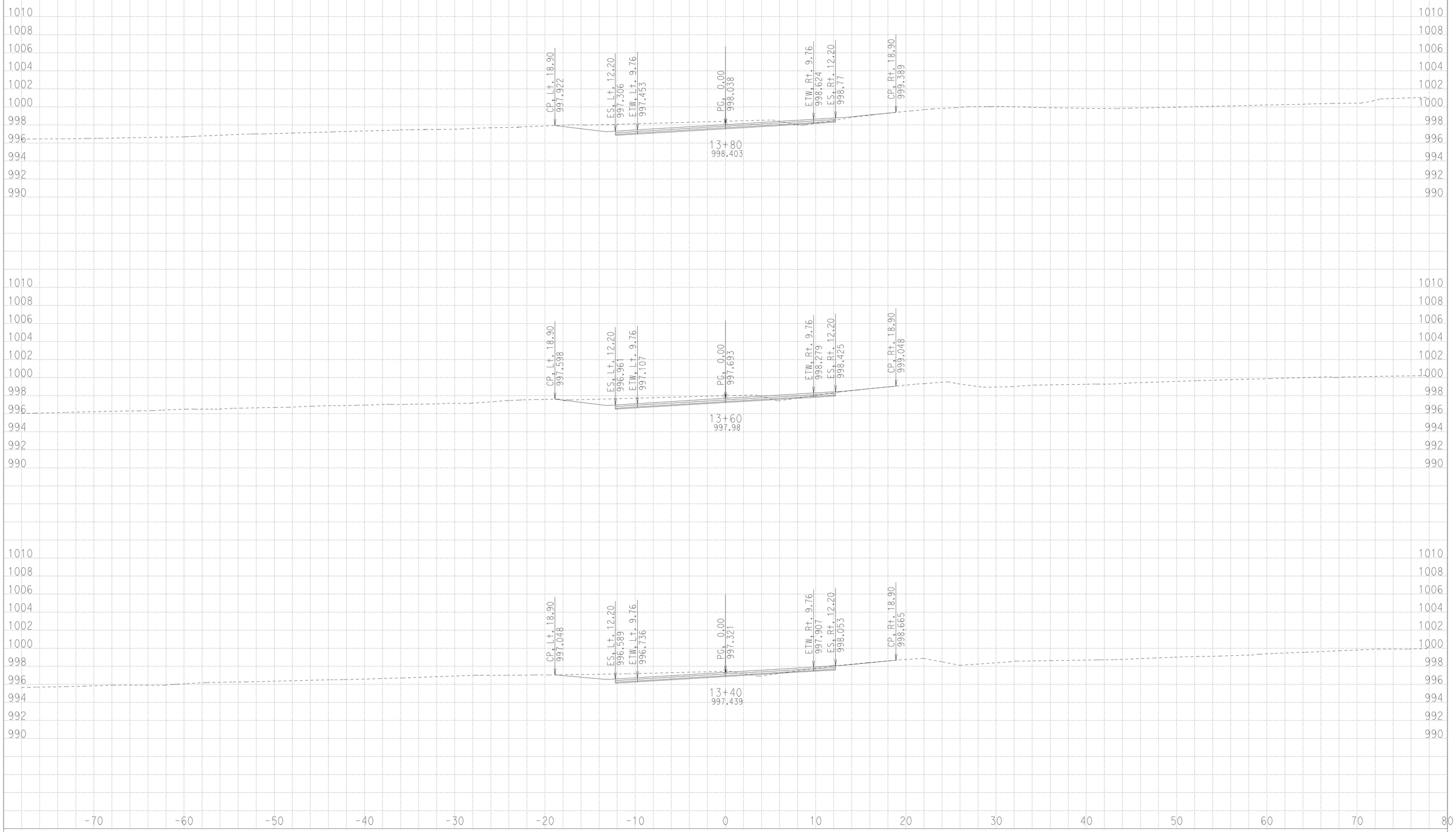
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

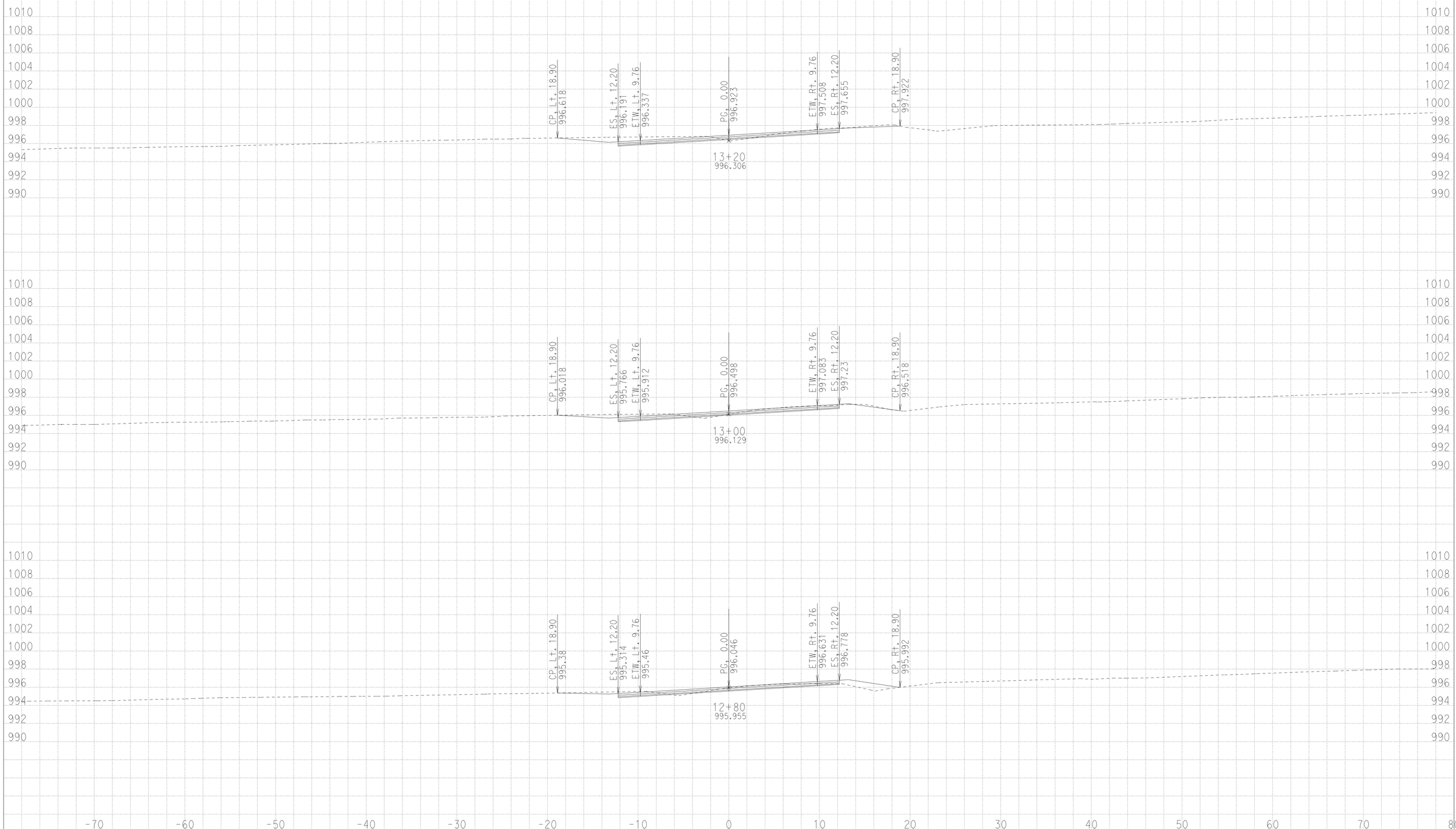
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 104 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

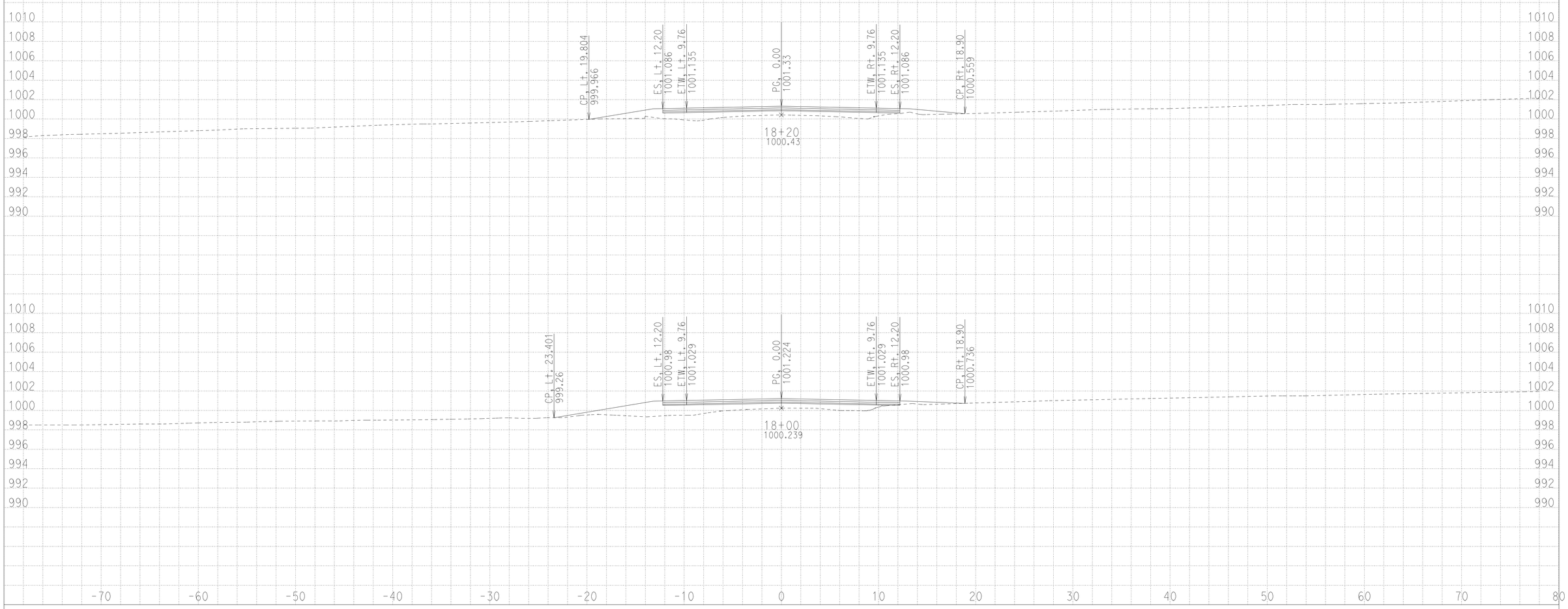
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 103 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

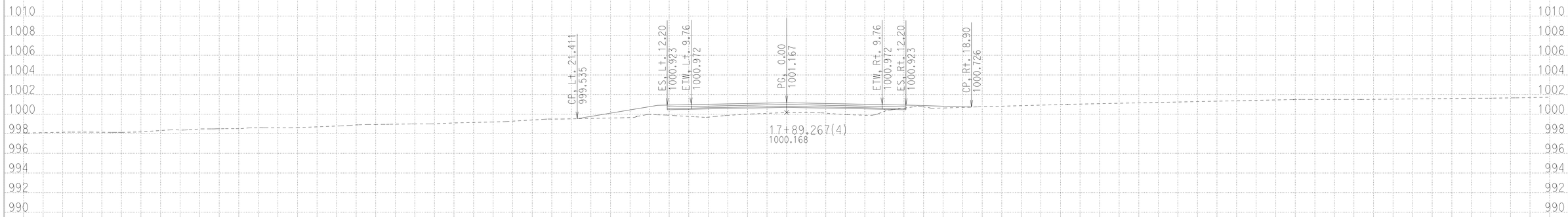
Scale Ratio: 1:200 Horiz.
1:200 Vert.

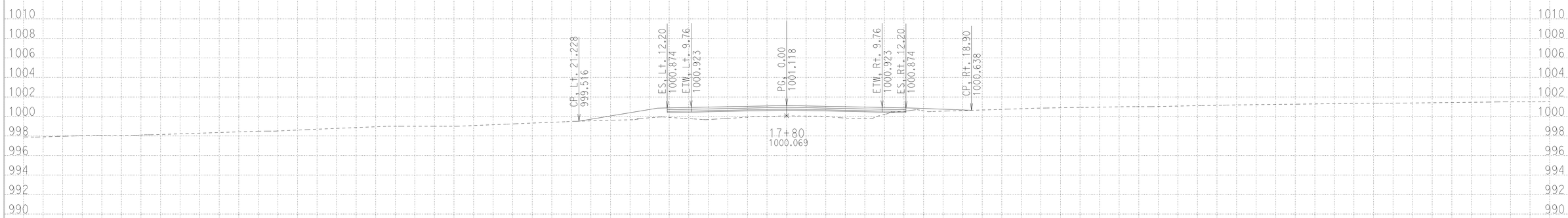
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

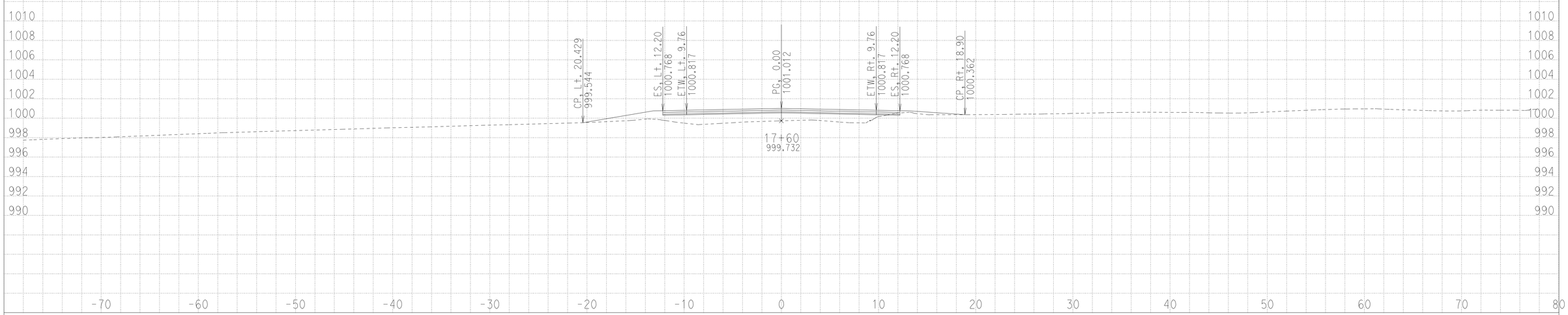
HAL1
CROSS SECTIONS

SHEET 114 OF XXX

DESIGN STUDY ONLY







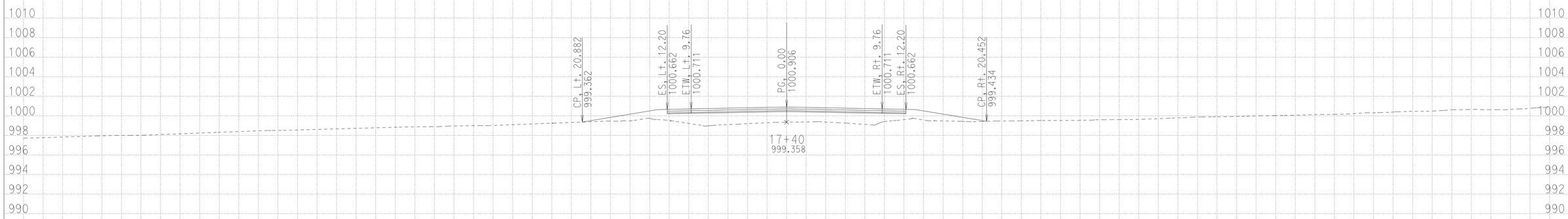
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

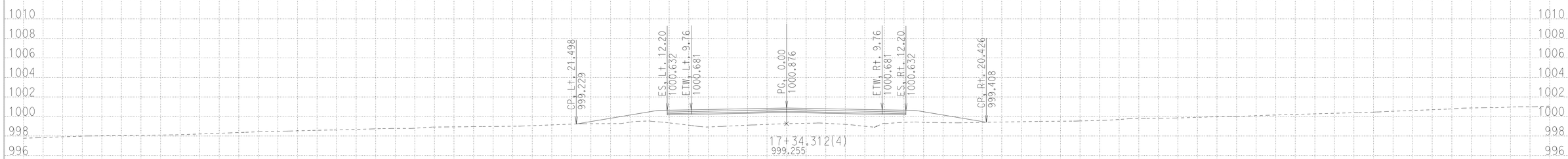
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

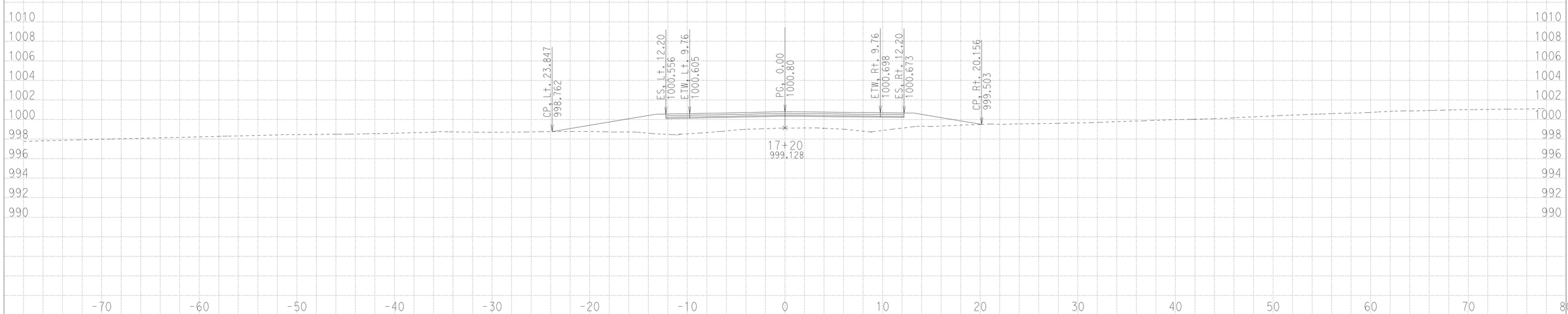
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY







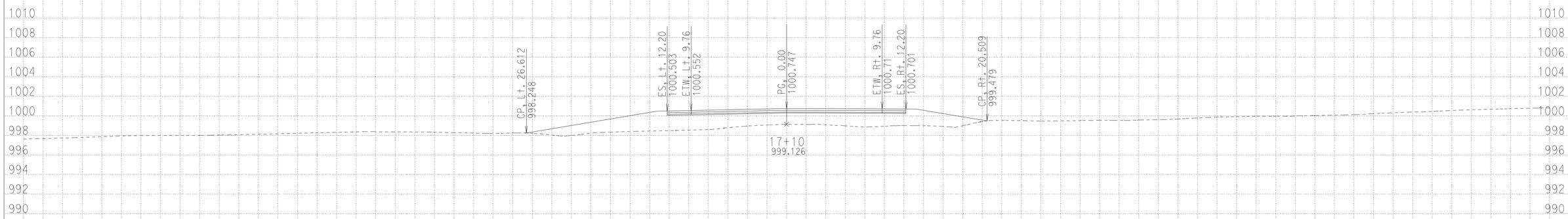
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

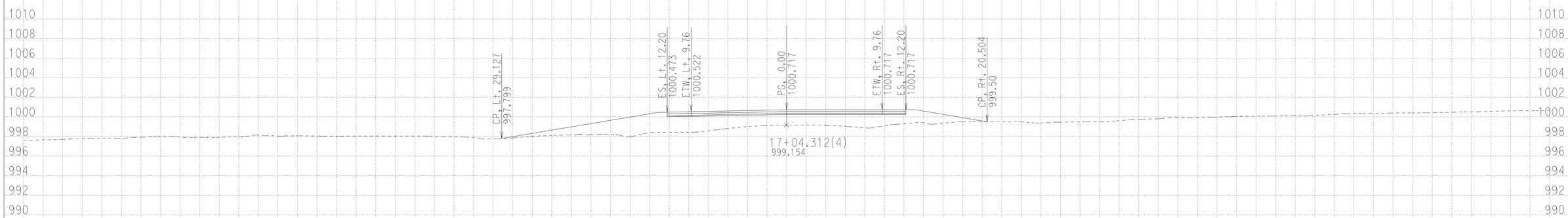
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

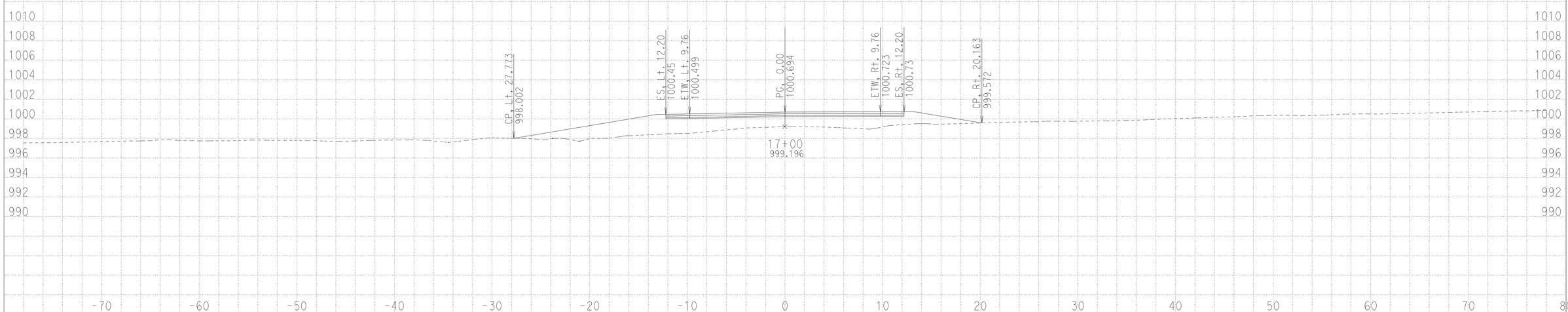
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY







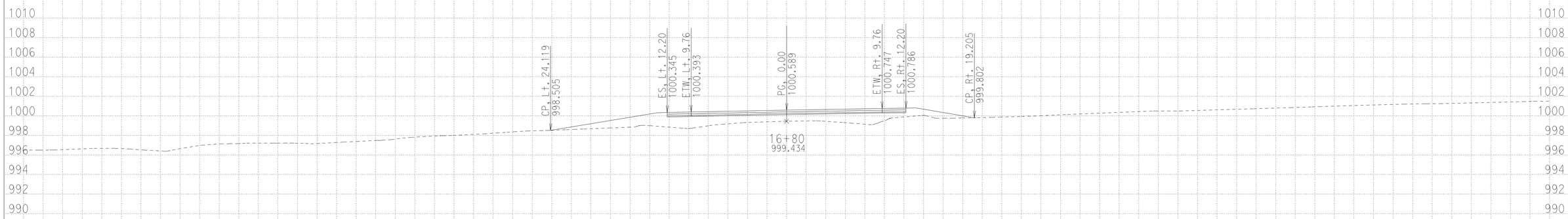
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

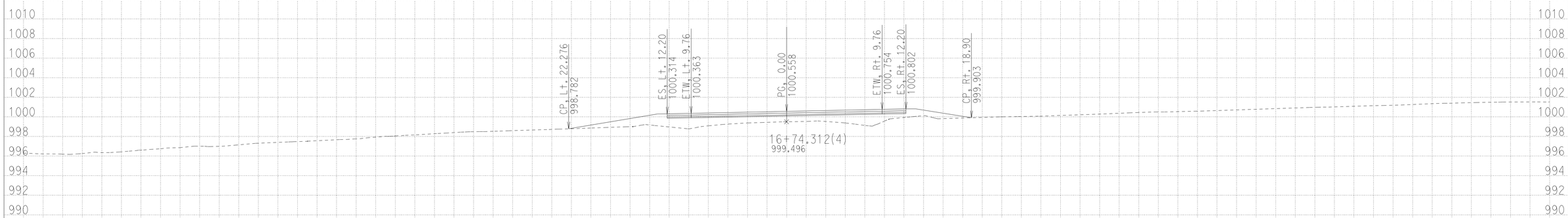
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

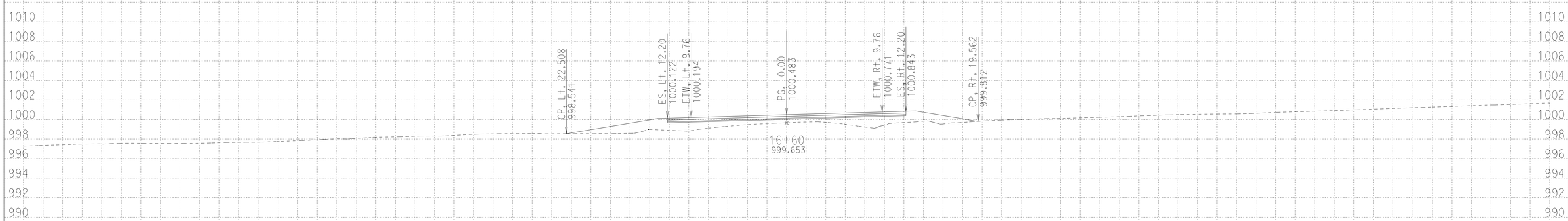
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY







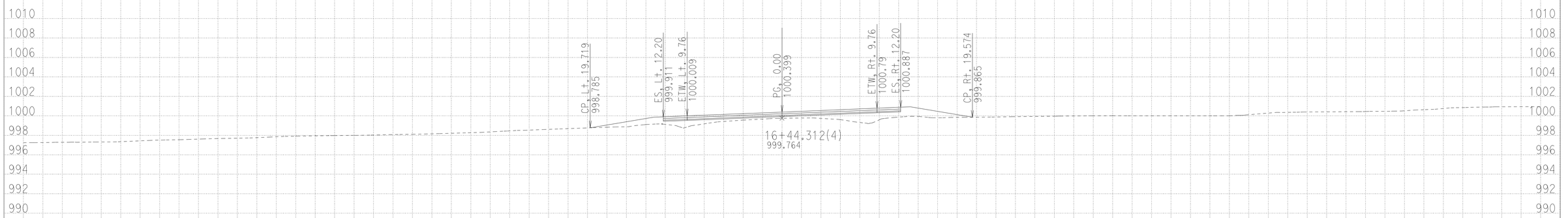
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

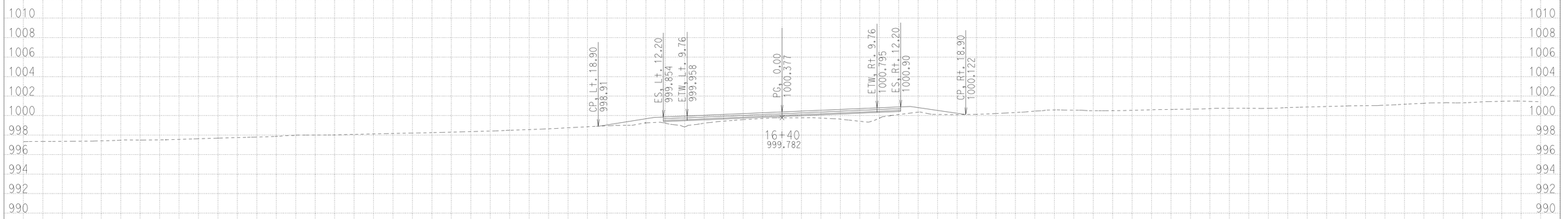
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

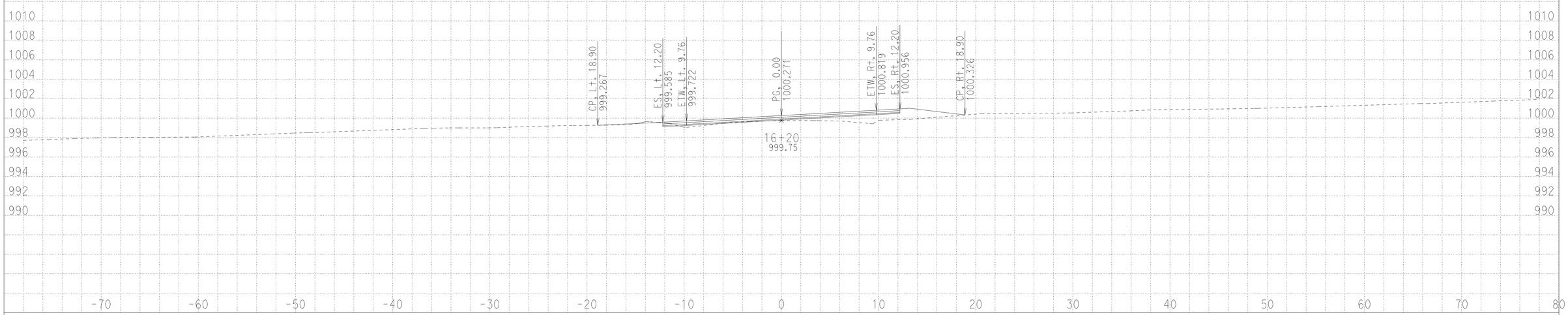
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY







CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

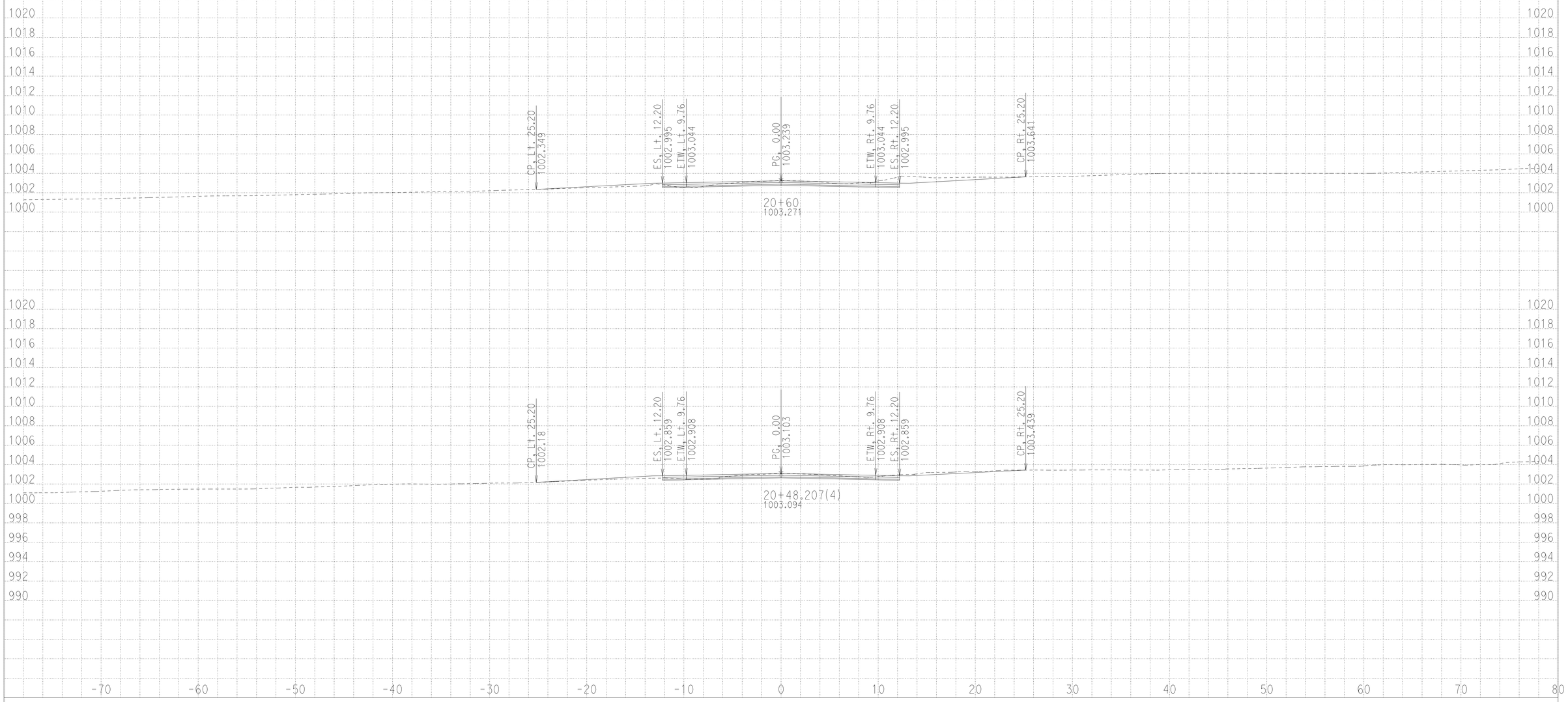
KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 109 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

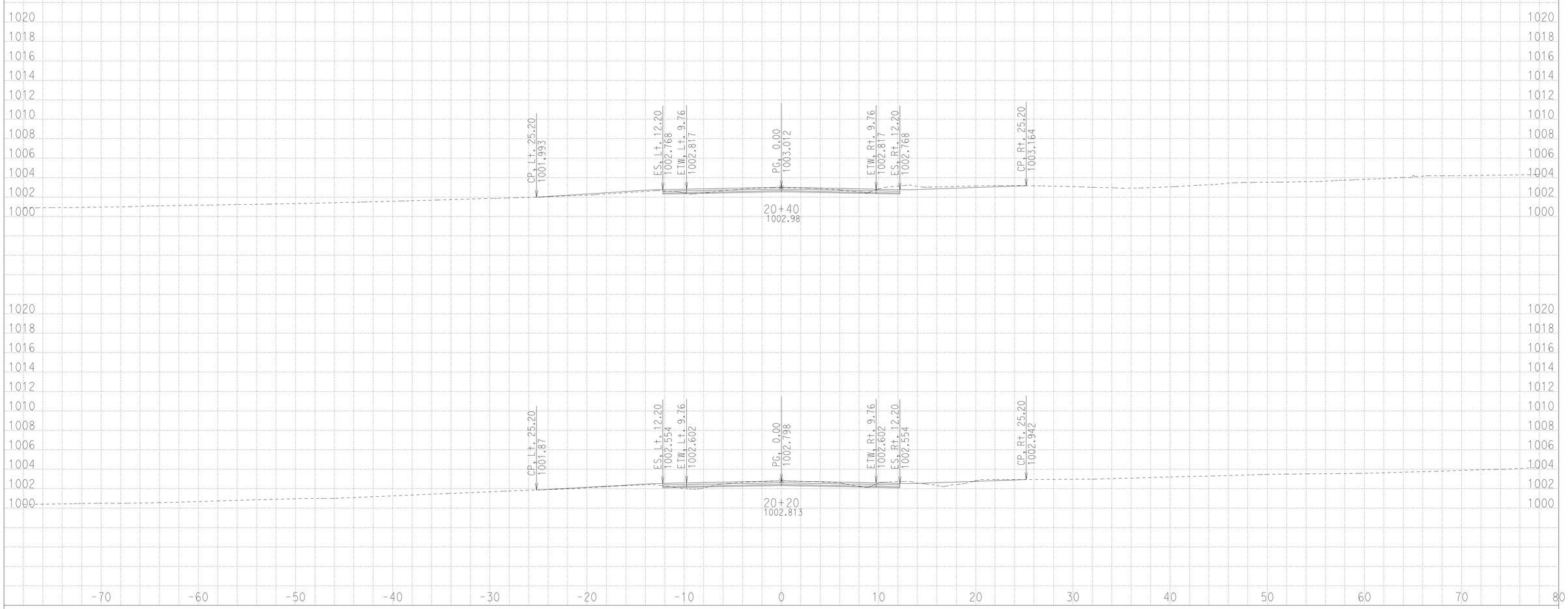
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 120 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

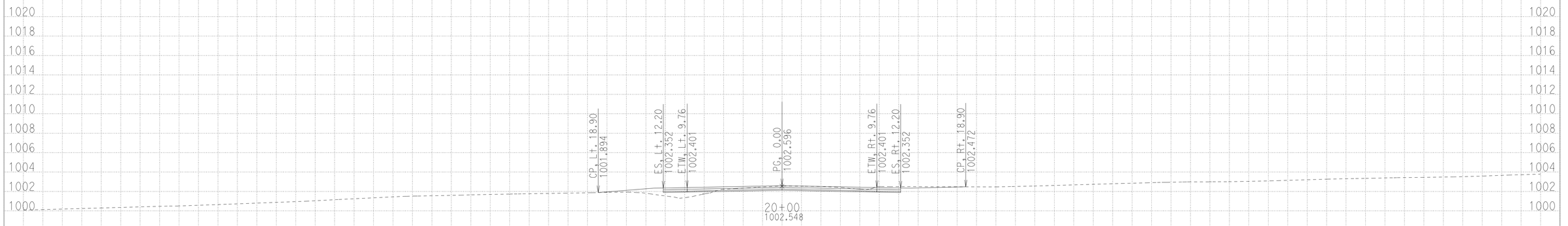
File: C:\Projects\SEG12\5-7-09dxs.ear

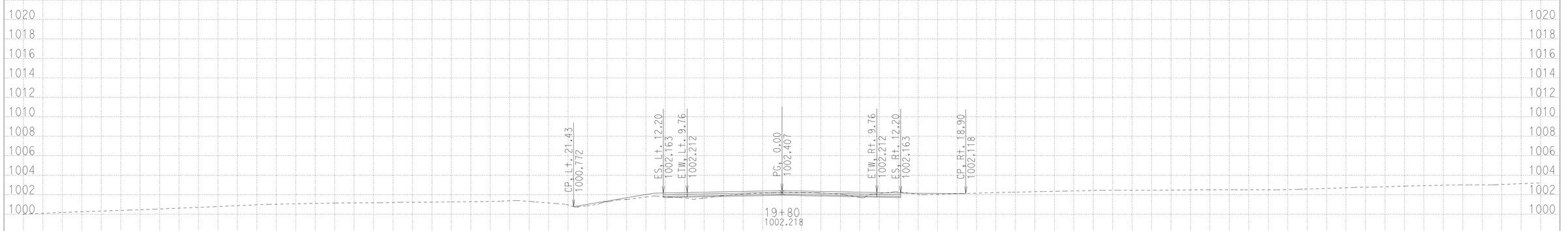
Scale Ratio: 1:200 Horiz.
1:200 Vert.

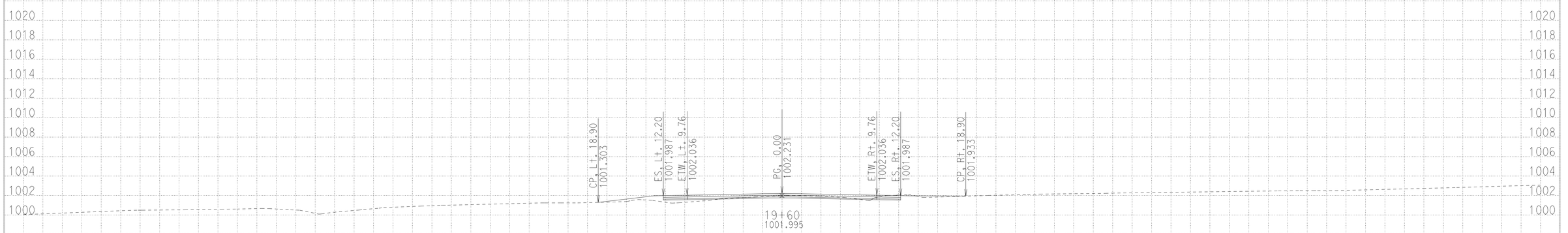
HAL1
CROSS SECTIONS

SHEET 119 OF XXX

DESIGN STUDY ONLY







-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

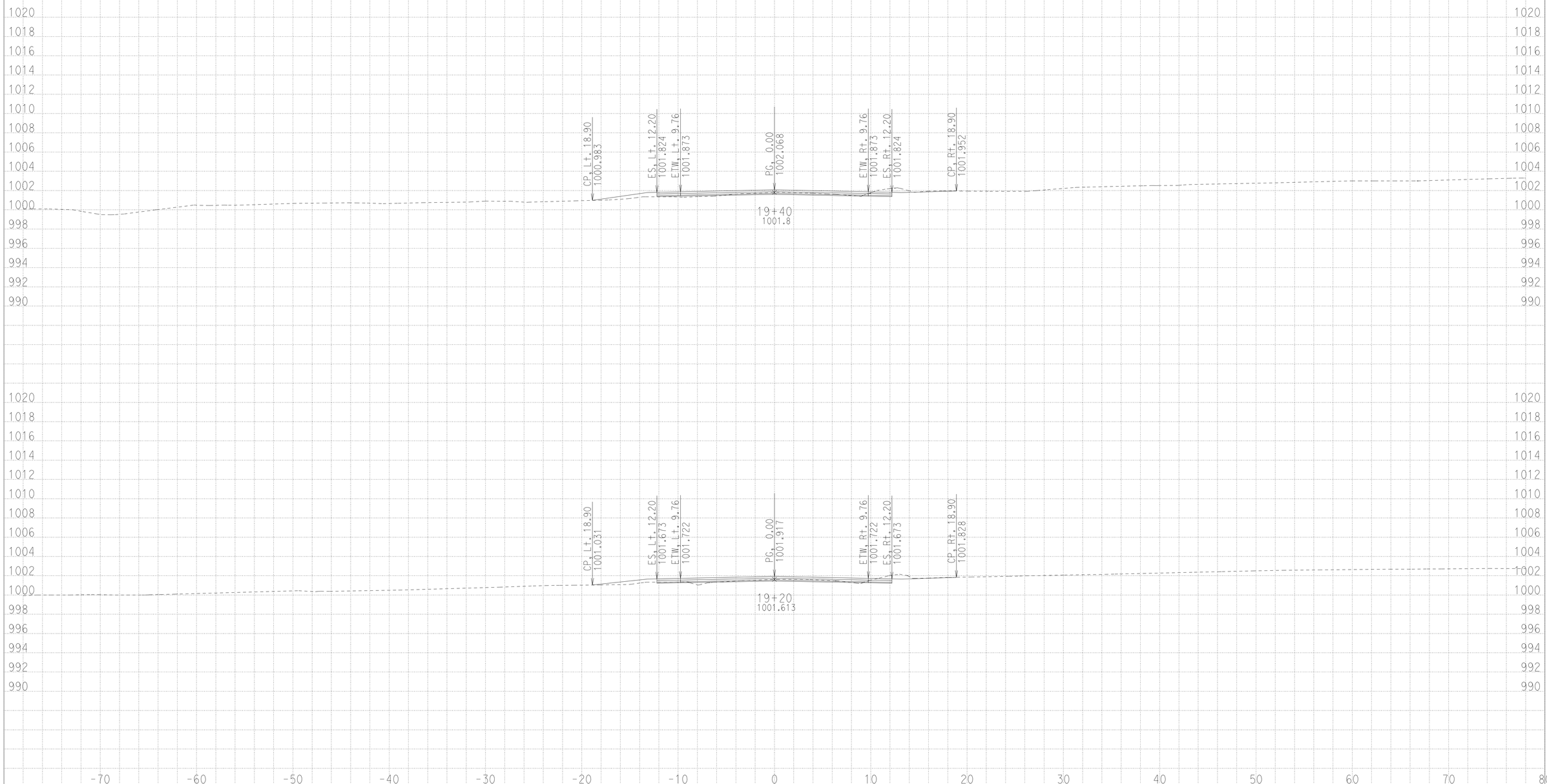
CREATED BY: B. Phan DATE: 5/30/2009 ALL DIMENSIONS ARE METRIC PROJECT ID: Route

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

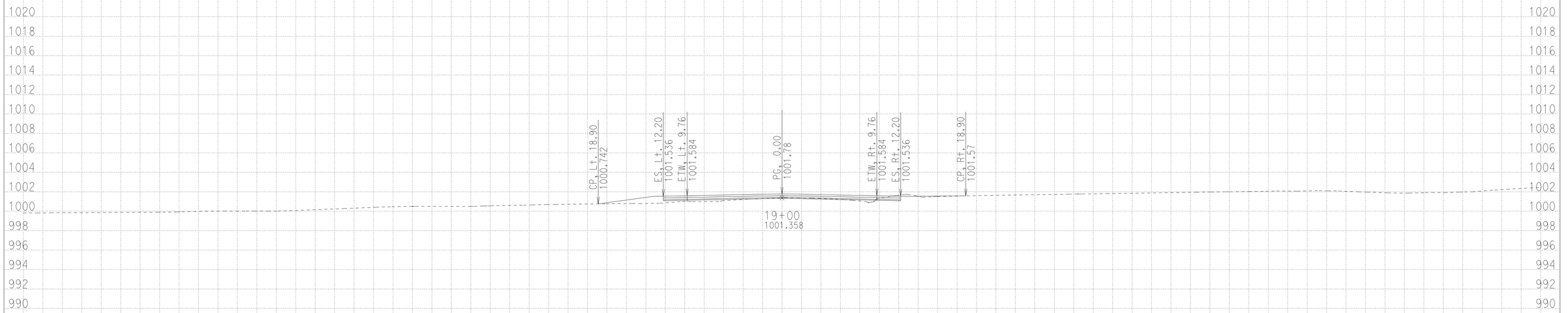
File: C:\Projects\SEG12\5-7-09dxs.ear

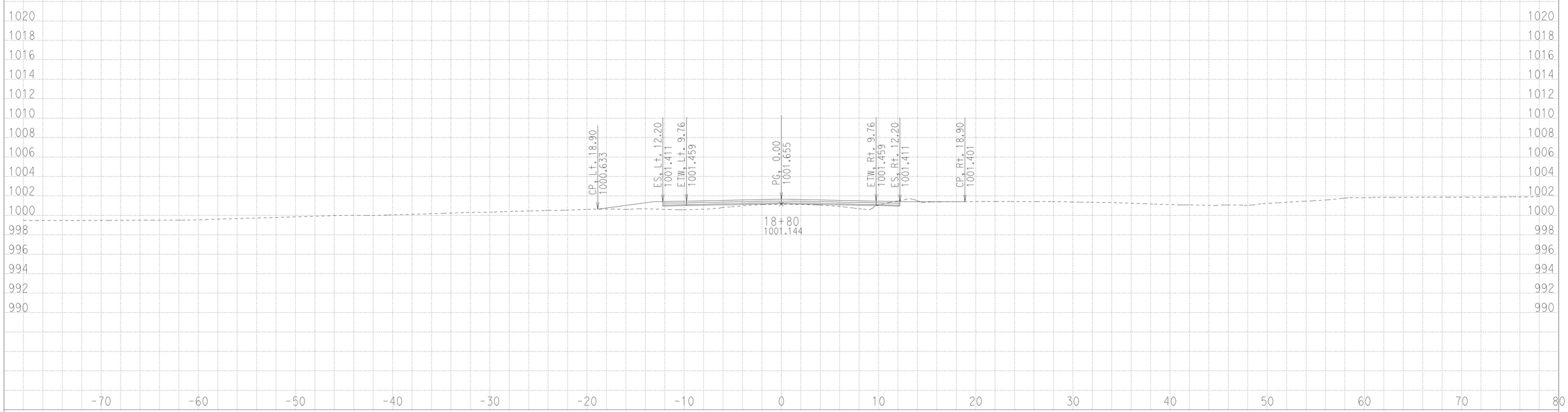
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 117 OF XXX

DESIGN STUDY ONLY





CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

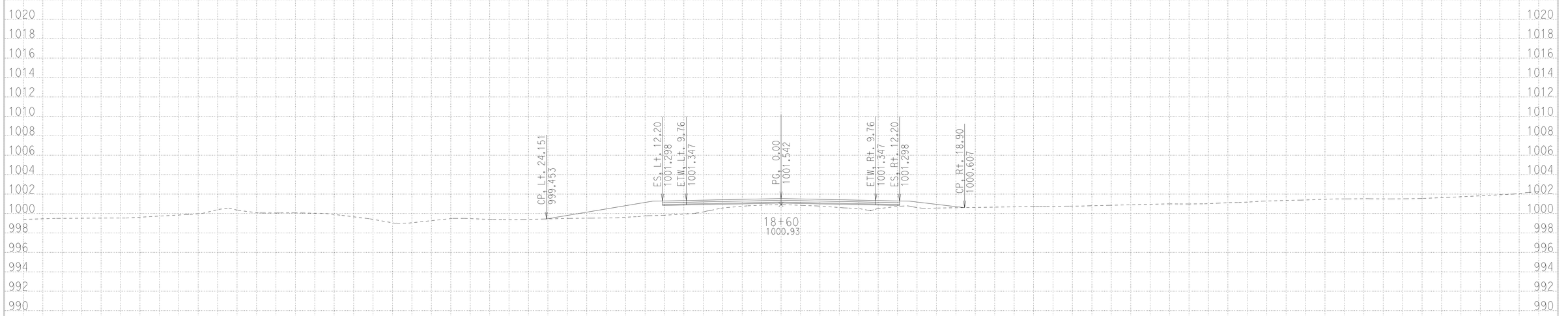
File: C:\Projects\SEG12\5-7-09dxs.ear

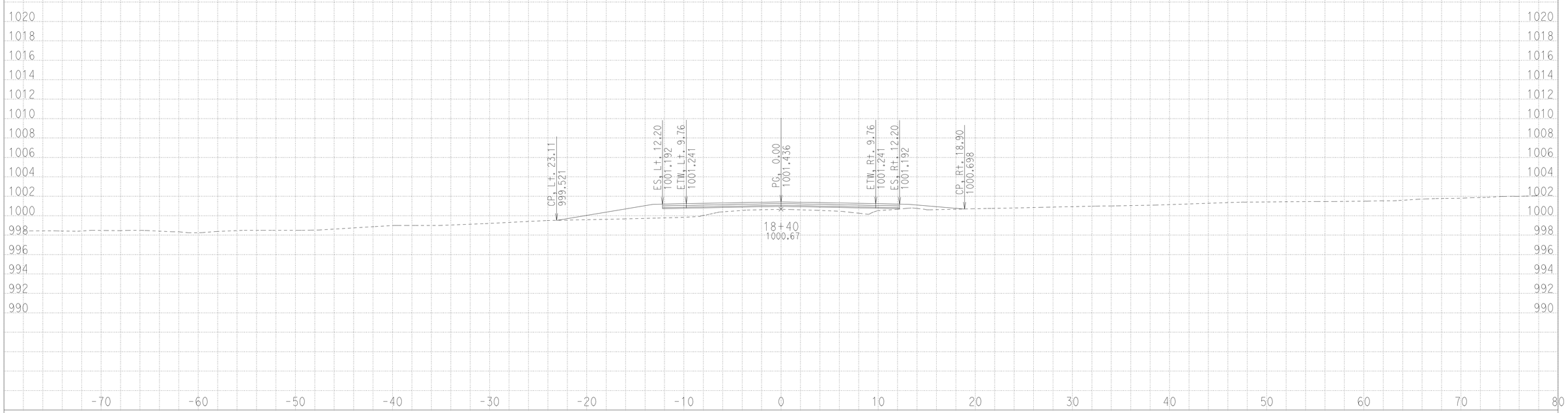
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 116 OF XXX

DESIGN STUDY ONLY





CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

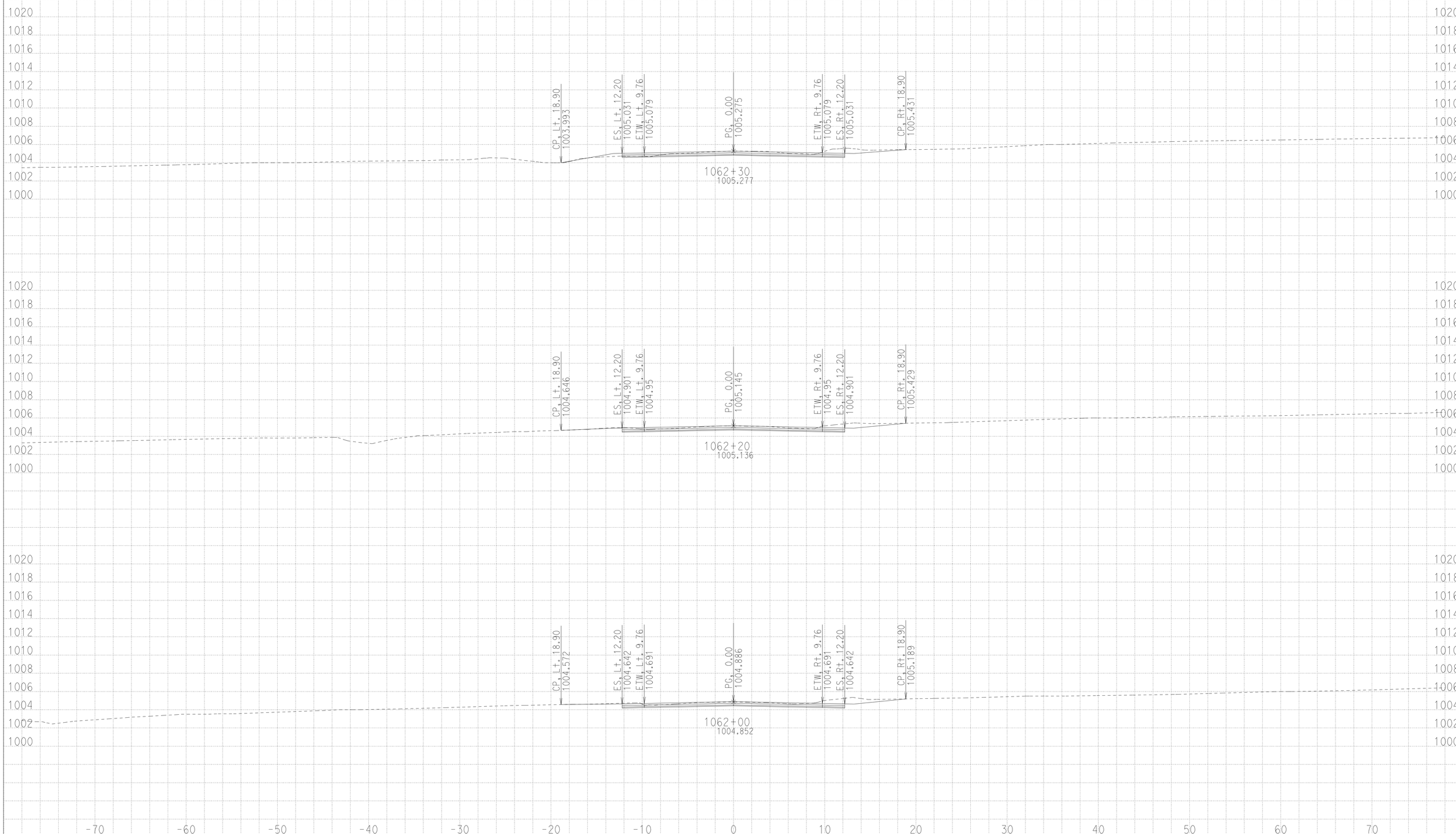
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 115 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

Scale Ratio: 1:200 Horiz.
1:200 Vert.

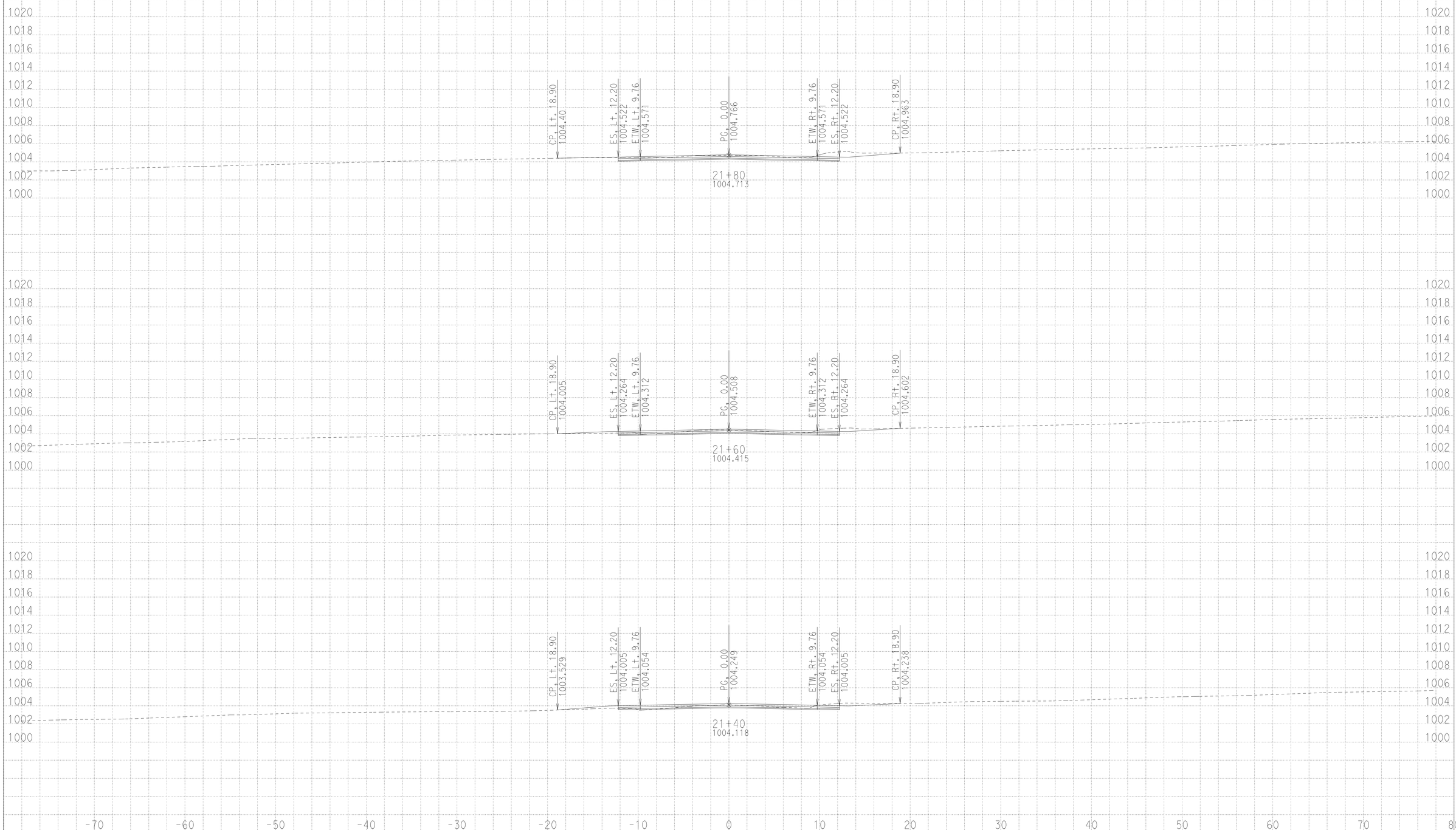
KC Project: SEG12

File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 123 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

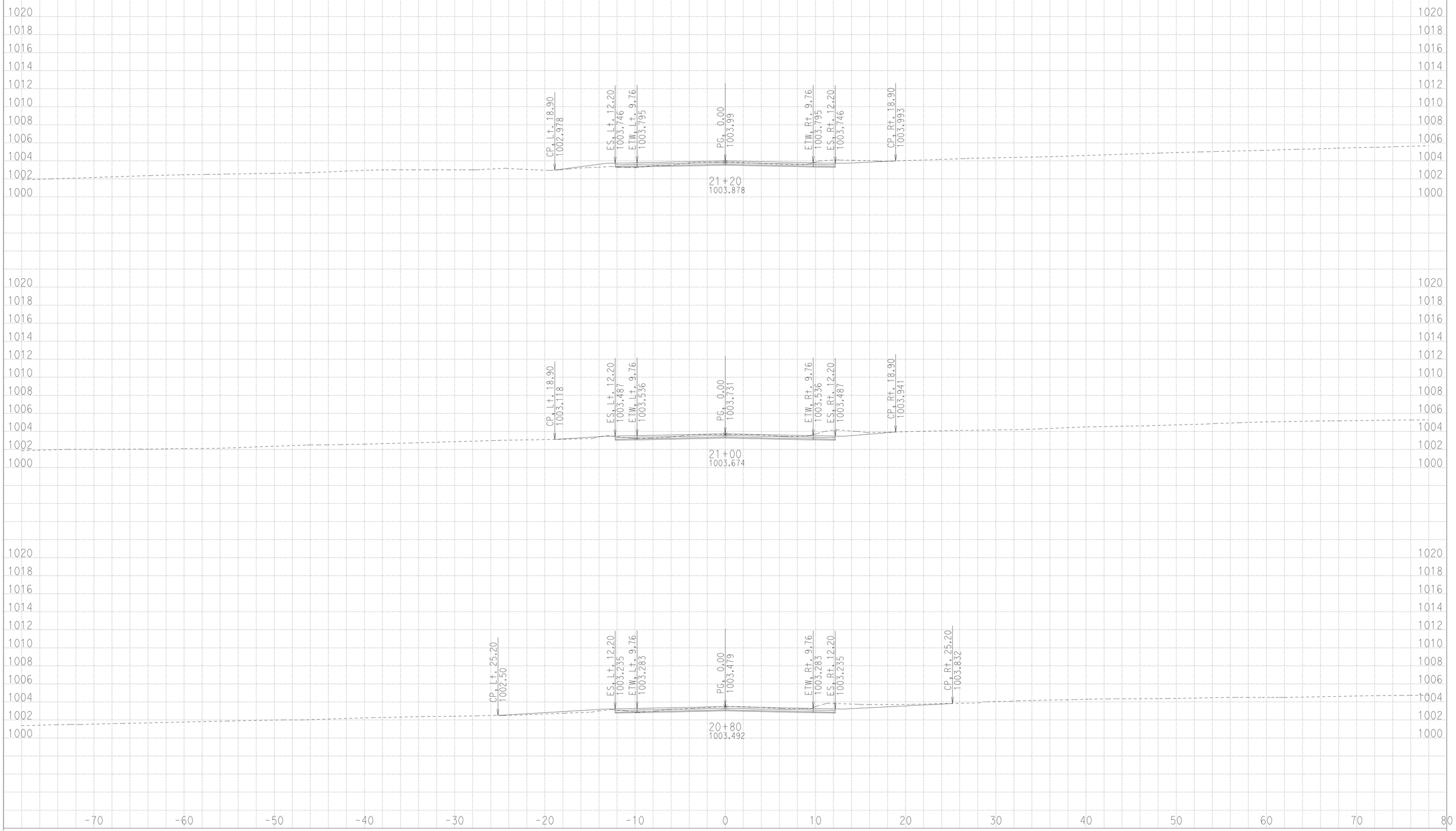
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-7-09dxs.ear

HAL1
CROSS SECTIONS

SHEET 122 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 5/30/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

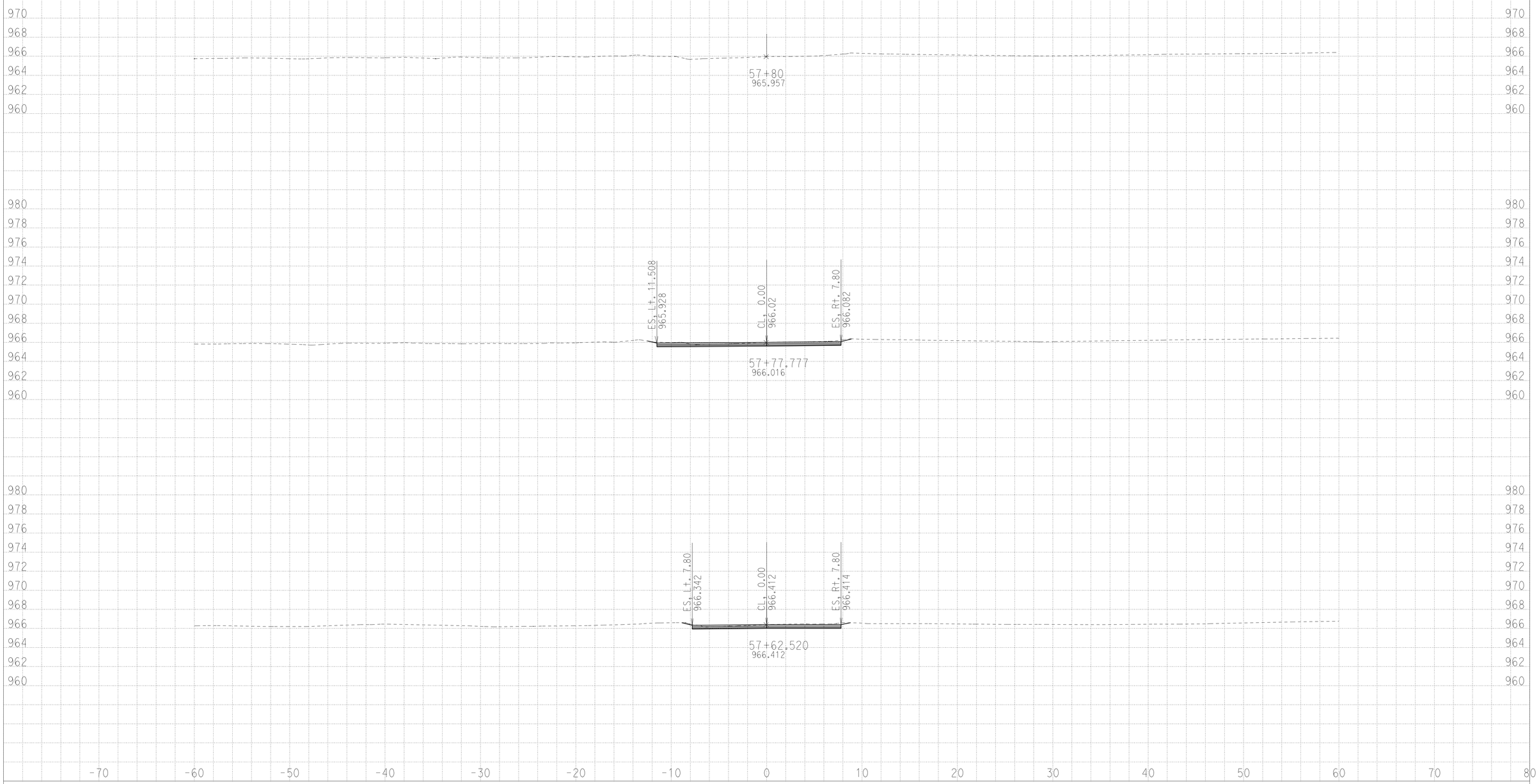
File: C:\Projects\SEG12\5-7-09dxs.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 121 OF XXX

DESIGN STUDY ONLY



DATE: 5/25/2011

ALL DIMENSIONS ARE METRIC

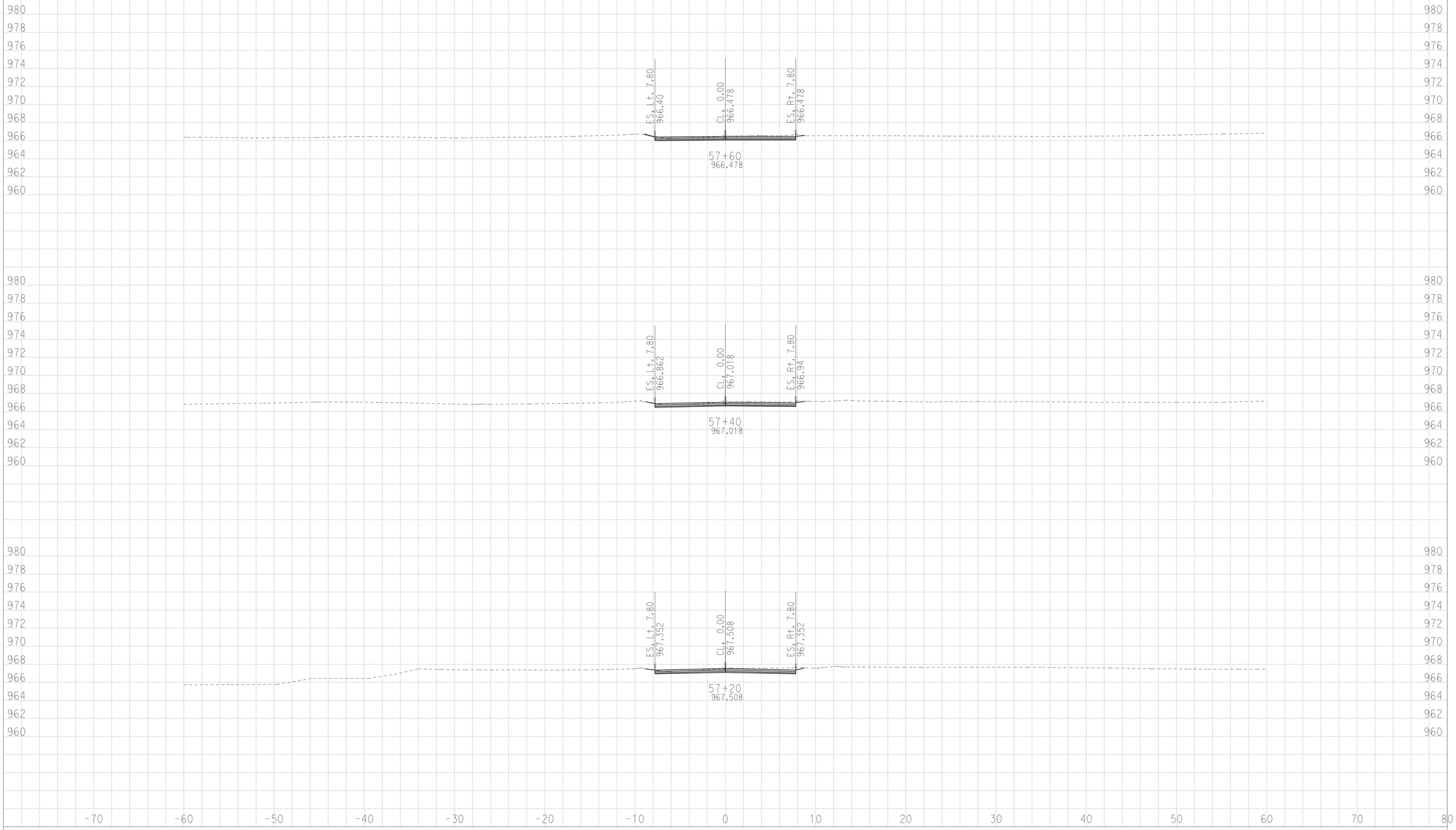
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

165HA1
CROSS SECTIONS

SHEET 6 OF 12

DESIGN STUDY ONLY



DATE: 5/25/2011

ALL DIMENSIONS ARE METRIC

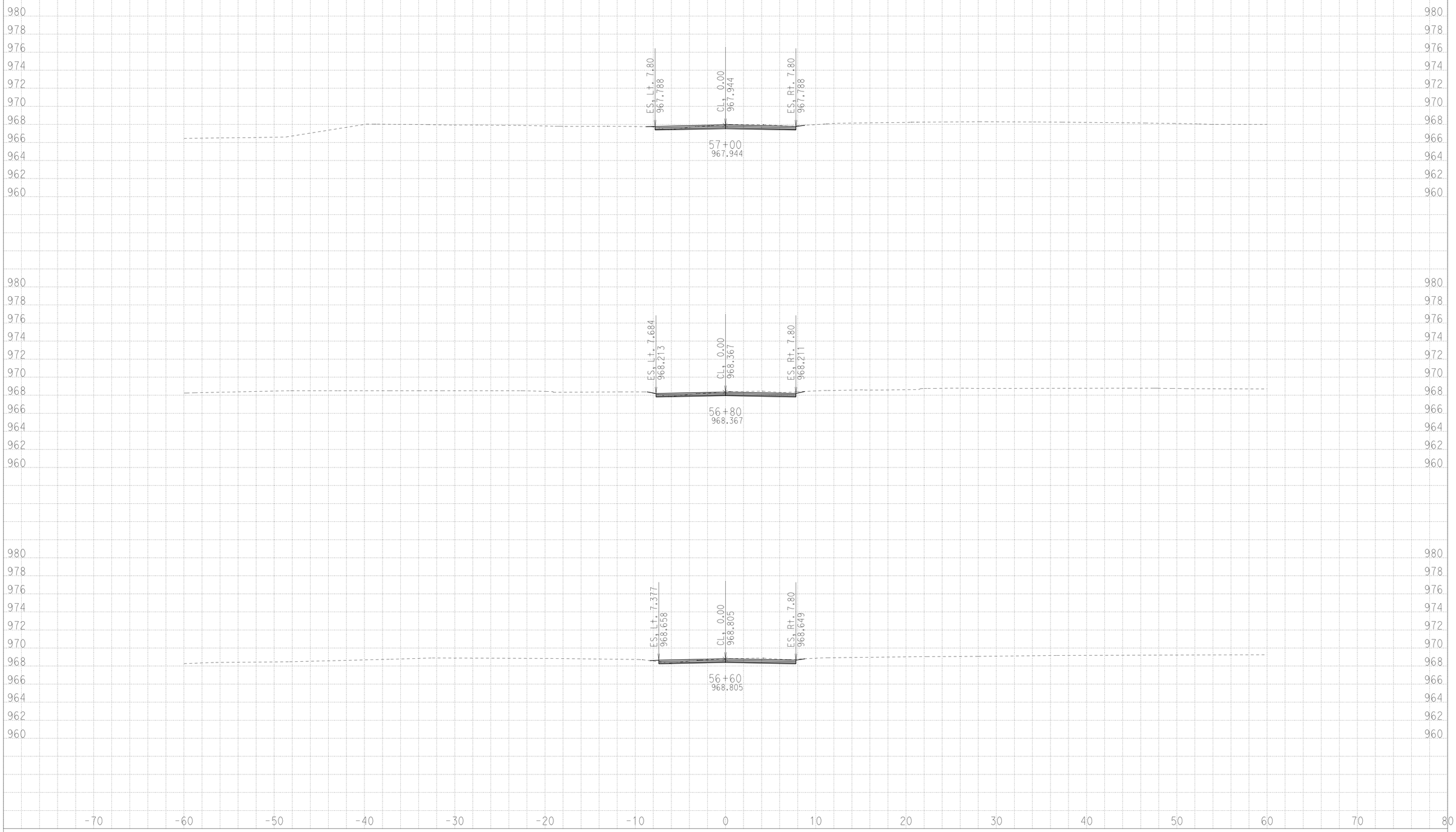
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

165HA1
CROSS SECTIONS

SHEET 5 OF 12

DESIGN STUDY ONLY



DATE: 5/25/2011

ALL DIMENSIONS ARE METRIC

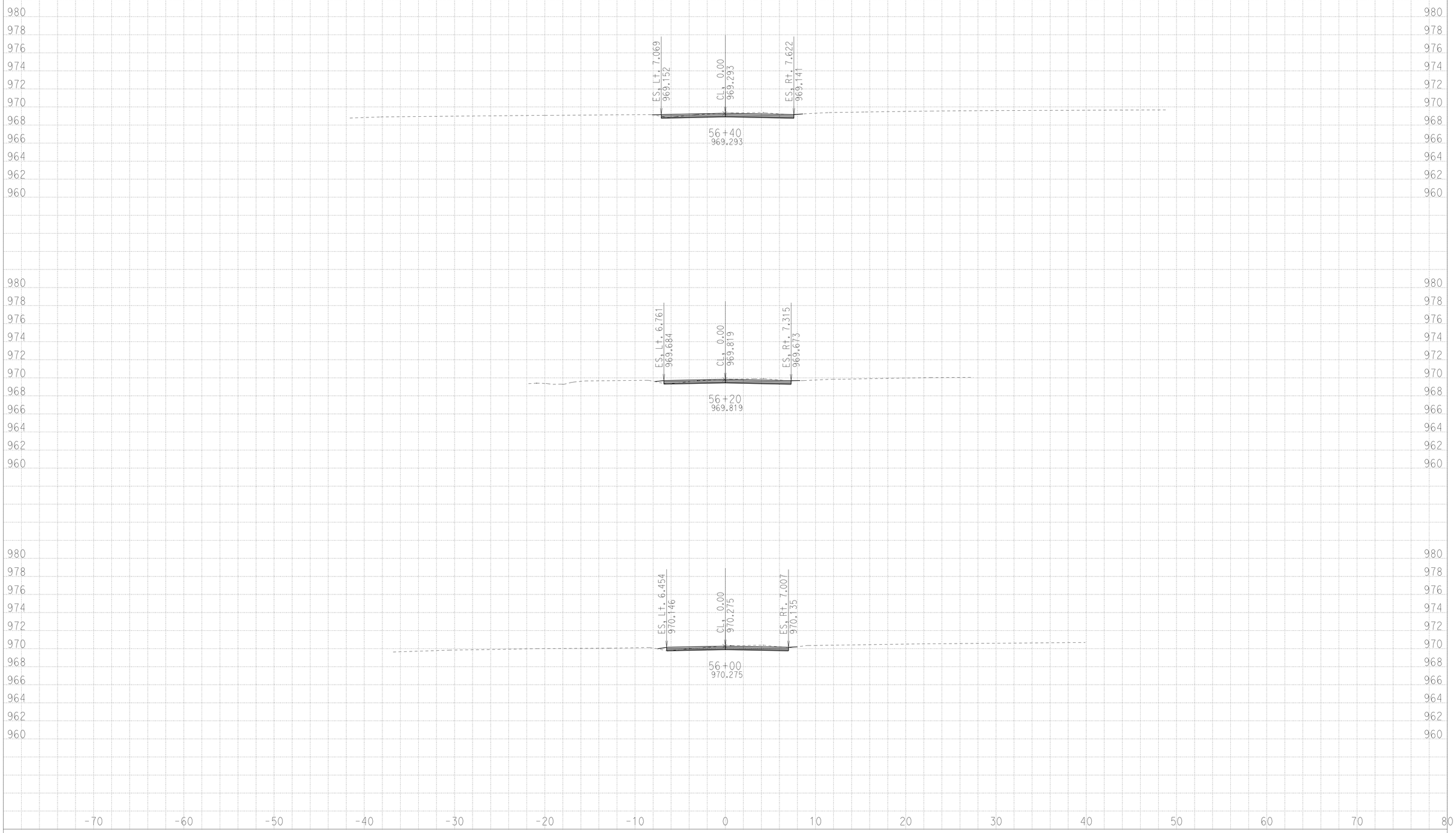
Scale Ratio: 1:200 Horiz.
1:200 Vert.

165HA1
CROSS SECTIONS

SHEET 4 OF 12

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

DESIGN STUDY ONLY



DATE: 5/25/2011

ALL DIMENSIONS ARE METRIC

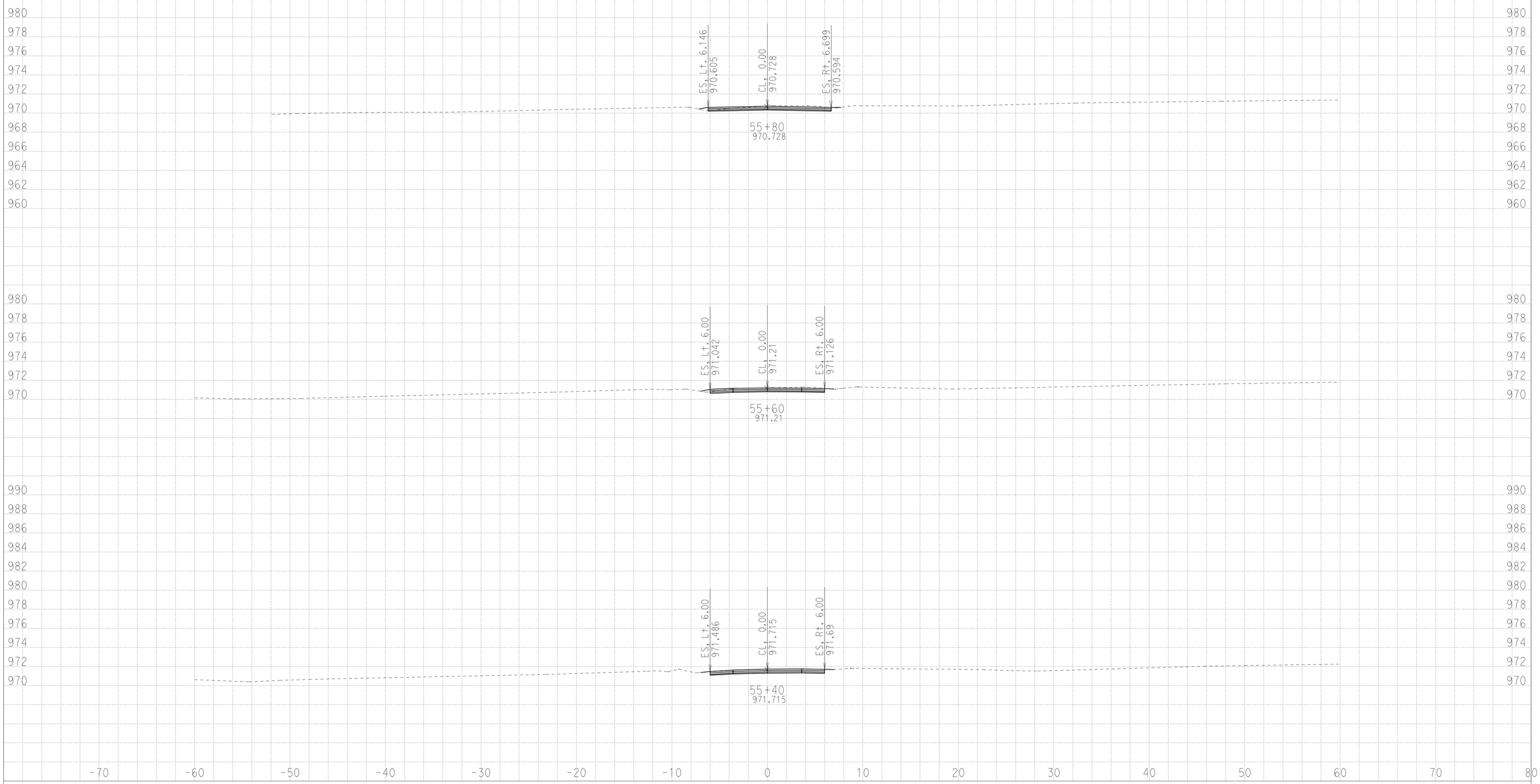
Scale Ratio: 1:200 Horiz.
1:200 Vert.

165HA1
CROSS SECTIONS

SHEET 3 OF 12

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

DESIGN STUDY ONLY



DATE: 5/25/2011

ALL DIMENSIONS ARE METRIC

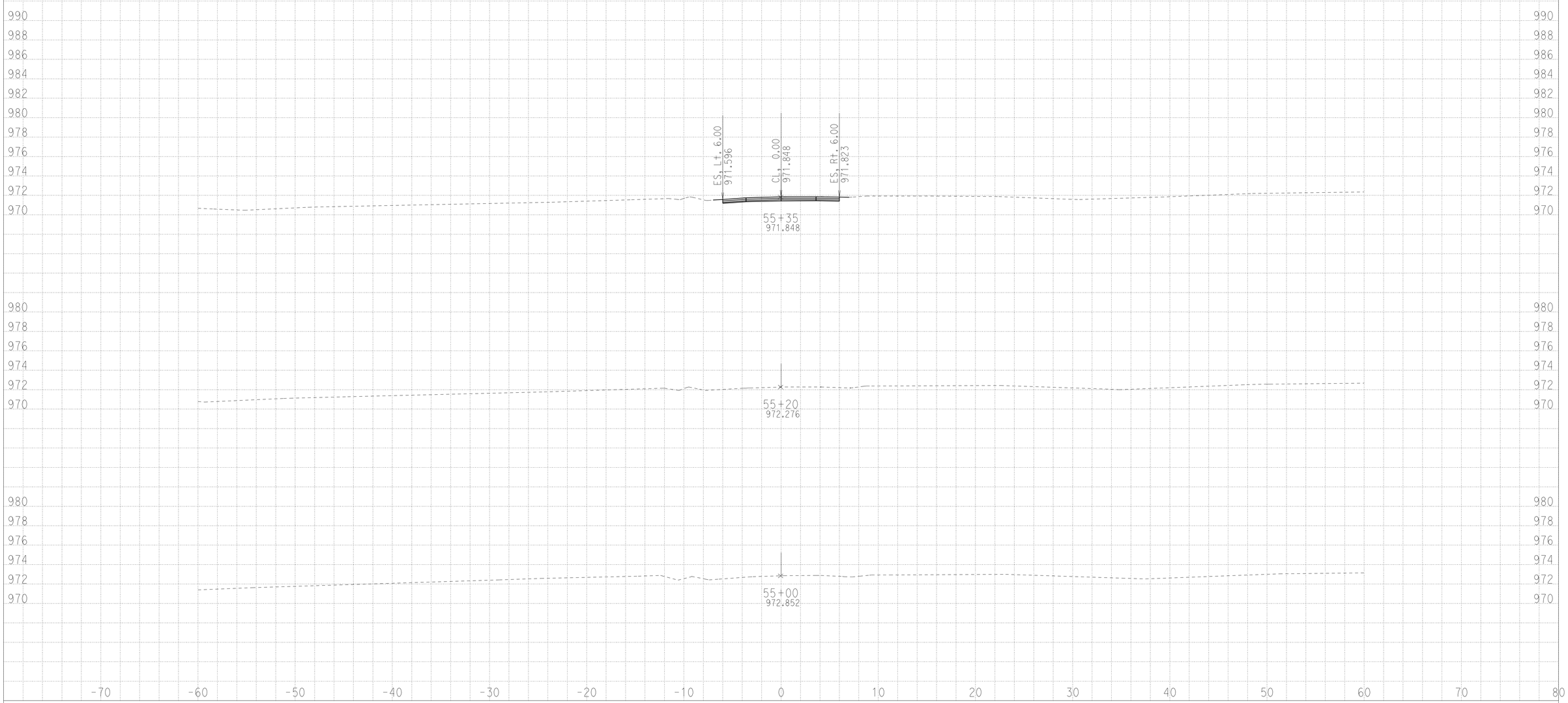
Scale Ratio: 1:200 Horiz.
1:200 Vert.

165HA1
CROSS SECTIONS

SHEET 2 OF 12

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

DESIGN STUDY ONLY



DATE: 5/25/2011

ALL DIMENSIONS ARE METRIC

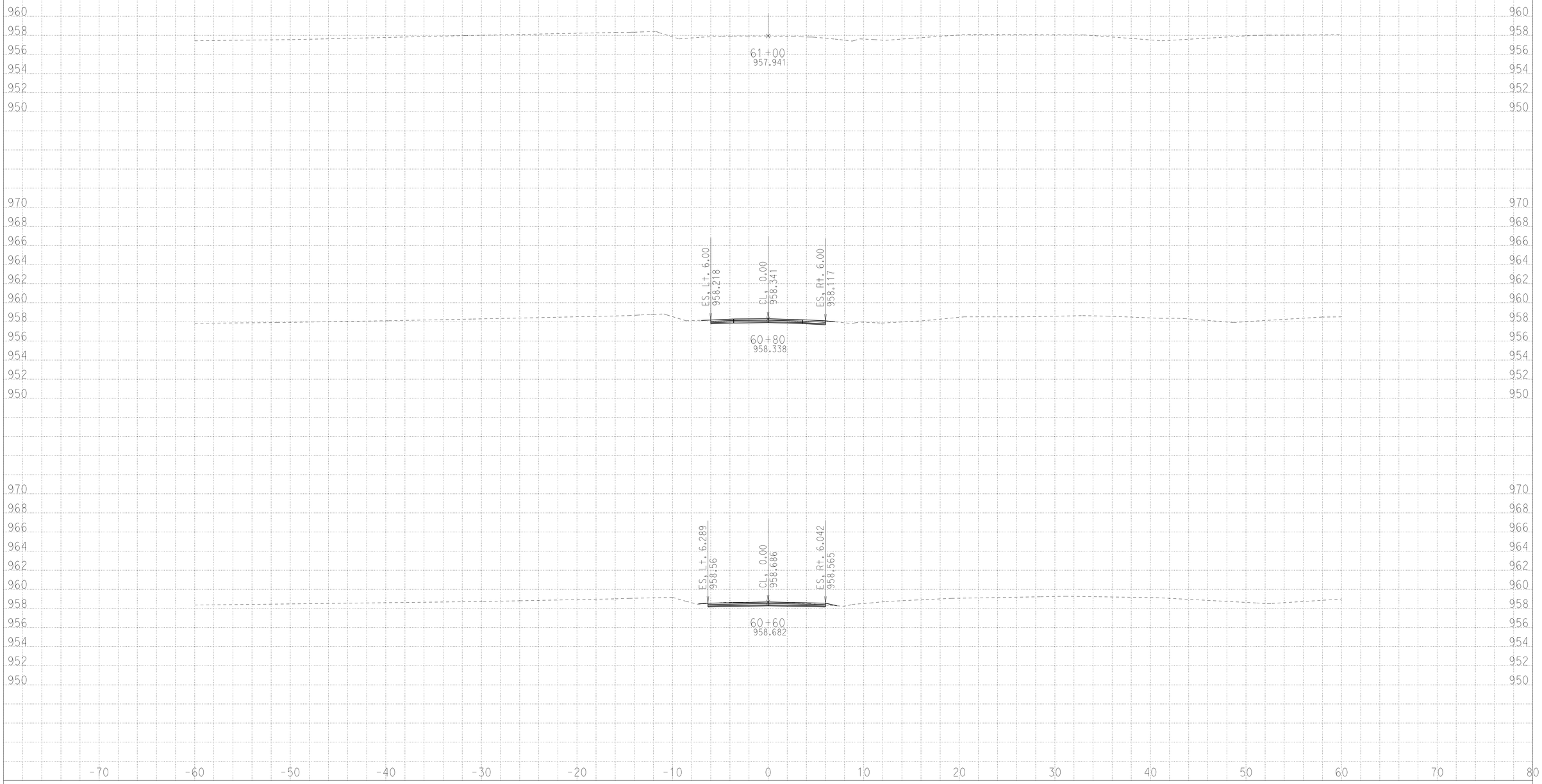
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

165HA1
CROSS SECTIONS

SHEET 1 OF 12

DESIGN STUDY ONLY



DATE: 5/25/2011

ALL DIMENSIONS ARE METRIC

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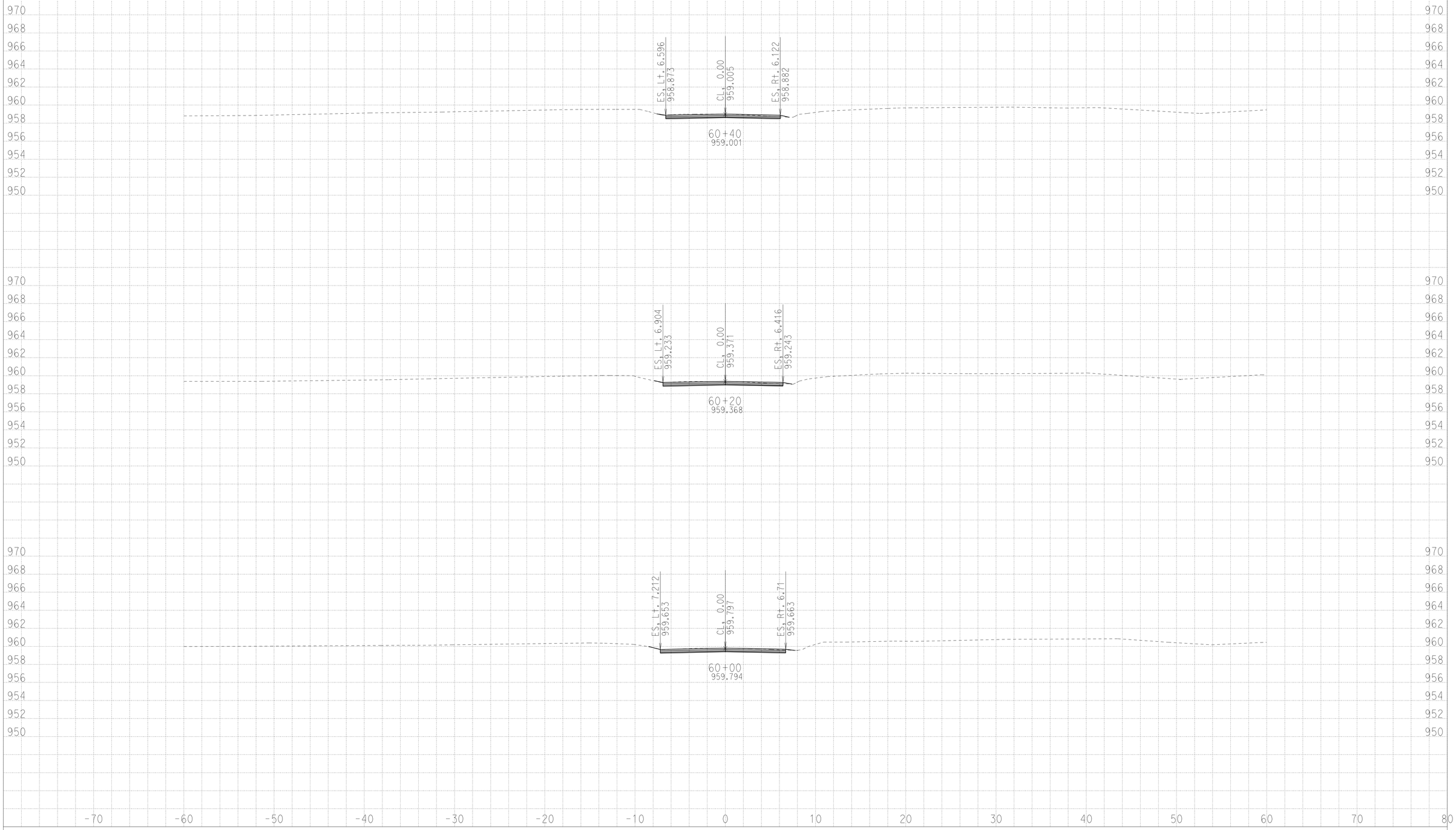
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

165HA1
CROSS SECTIONS

SHEET 12 OF 12

DESIGN STUDY ONLY



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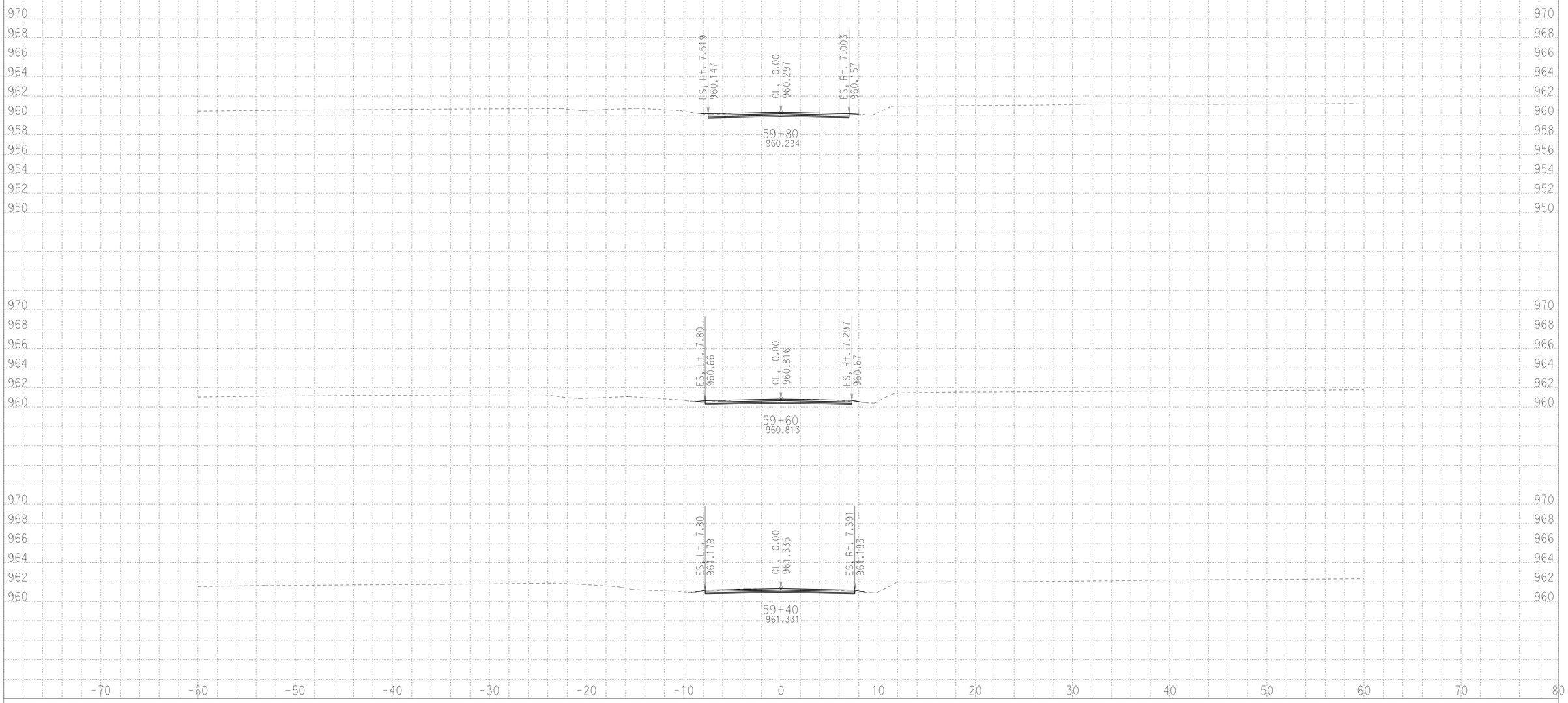
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

165HA1
CROSS SECTIONS

SHEET 11 OF 12

DESIGN STUDY ONLY



DATE: 5/25/2011

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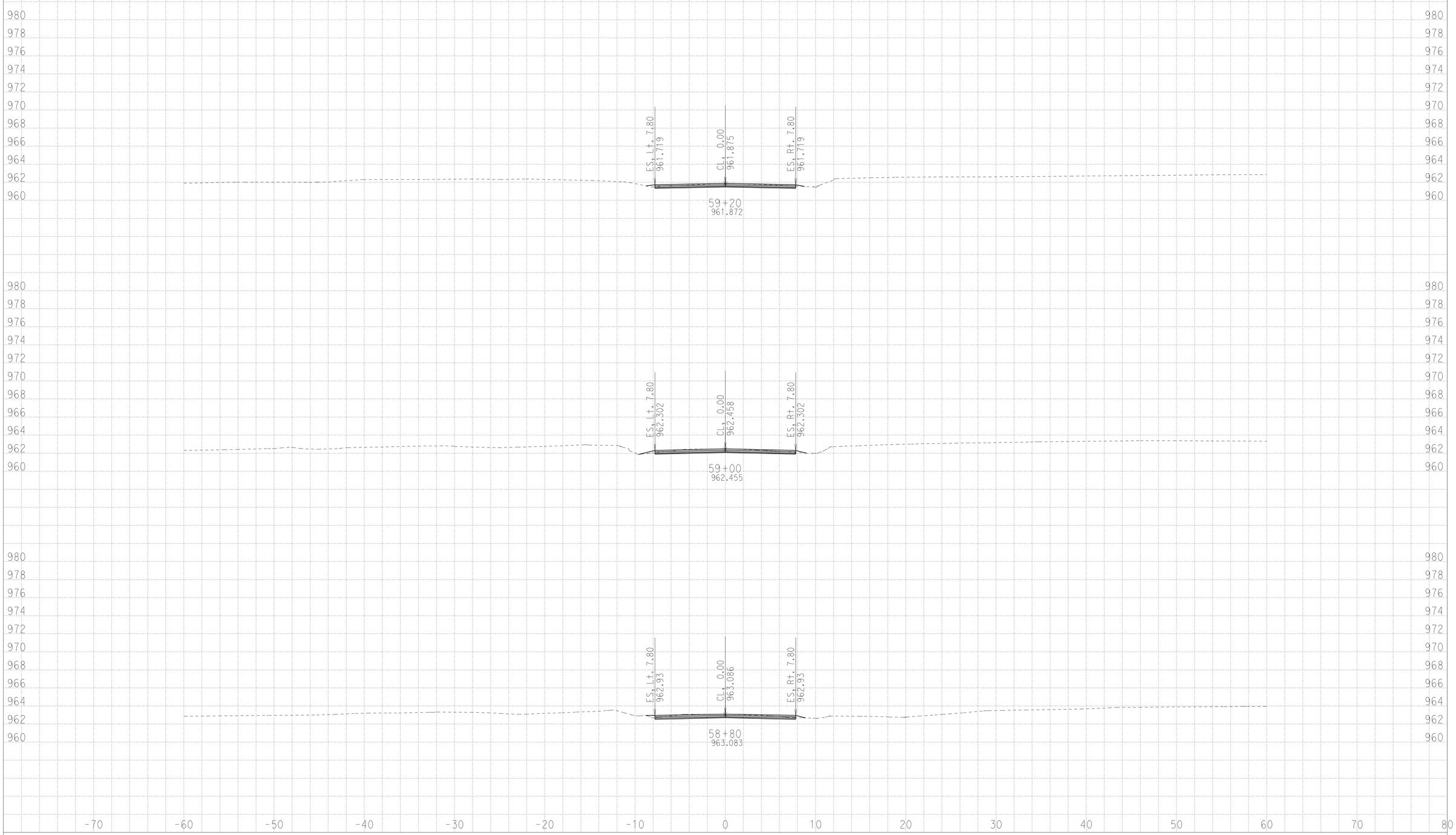
KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

165HA1
CROSS SECTIONS

SHEET 10 OF 12

DESIGN STUDY ONLY



DATE: 5/25/2011

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165HA1
CROSS SECTIONS

SHEET 9 OF 12

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

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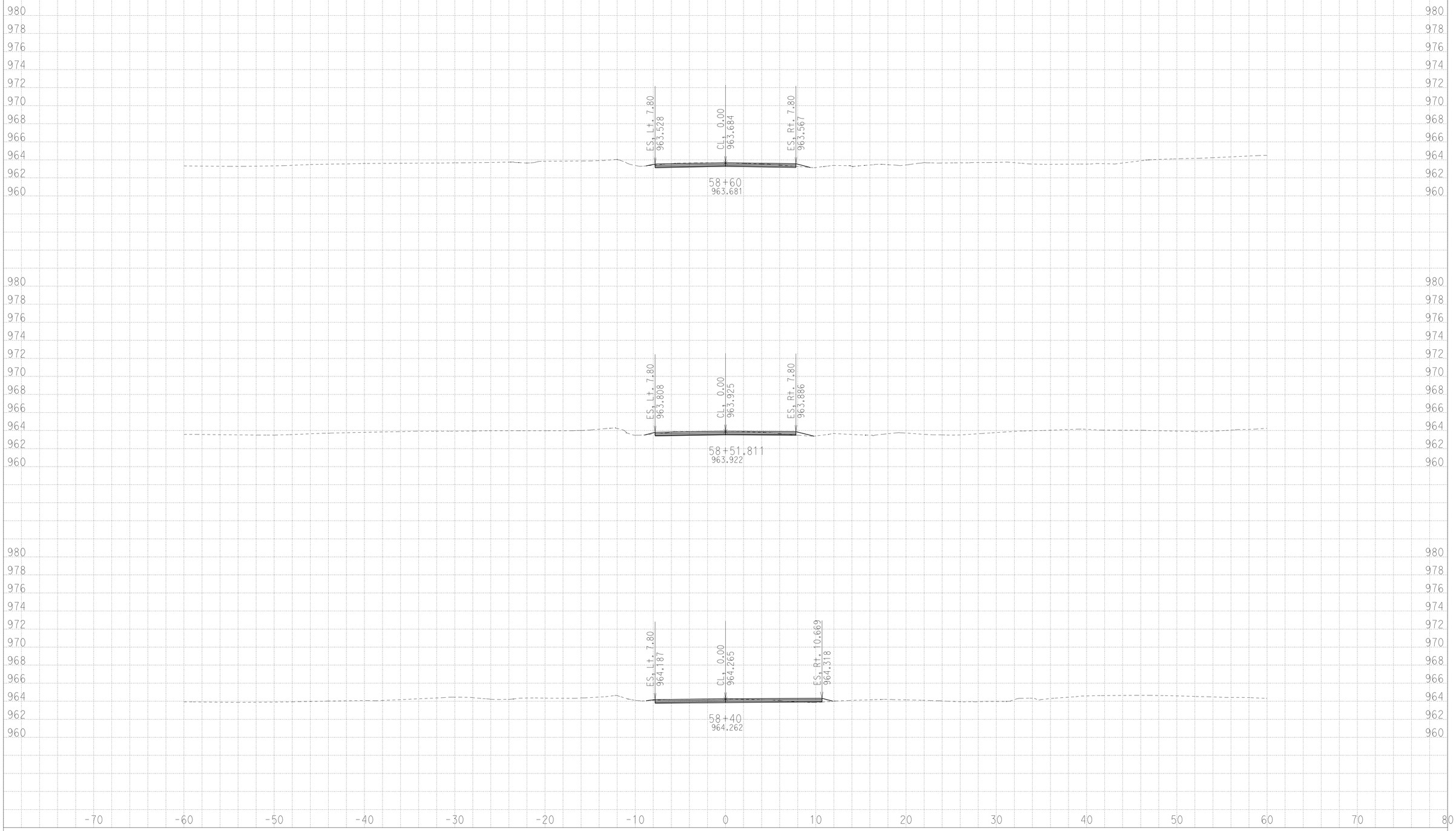

DATE: 5/25/2011

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165HA1
CROSS SECTIONS

SHEET 8 OF 12

KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

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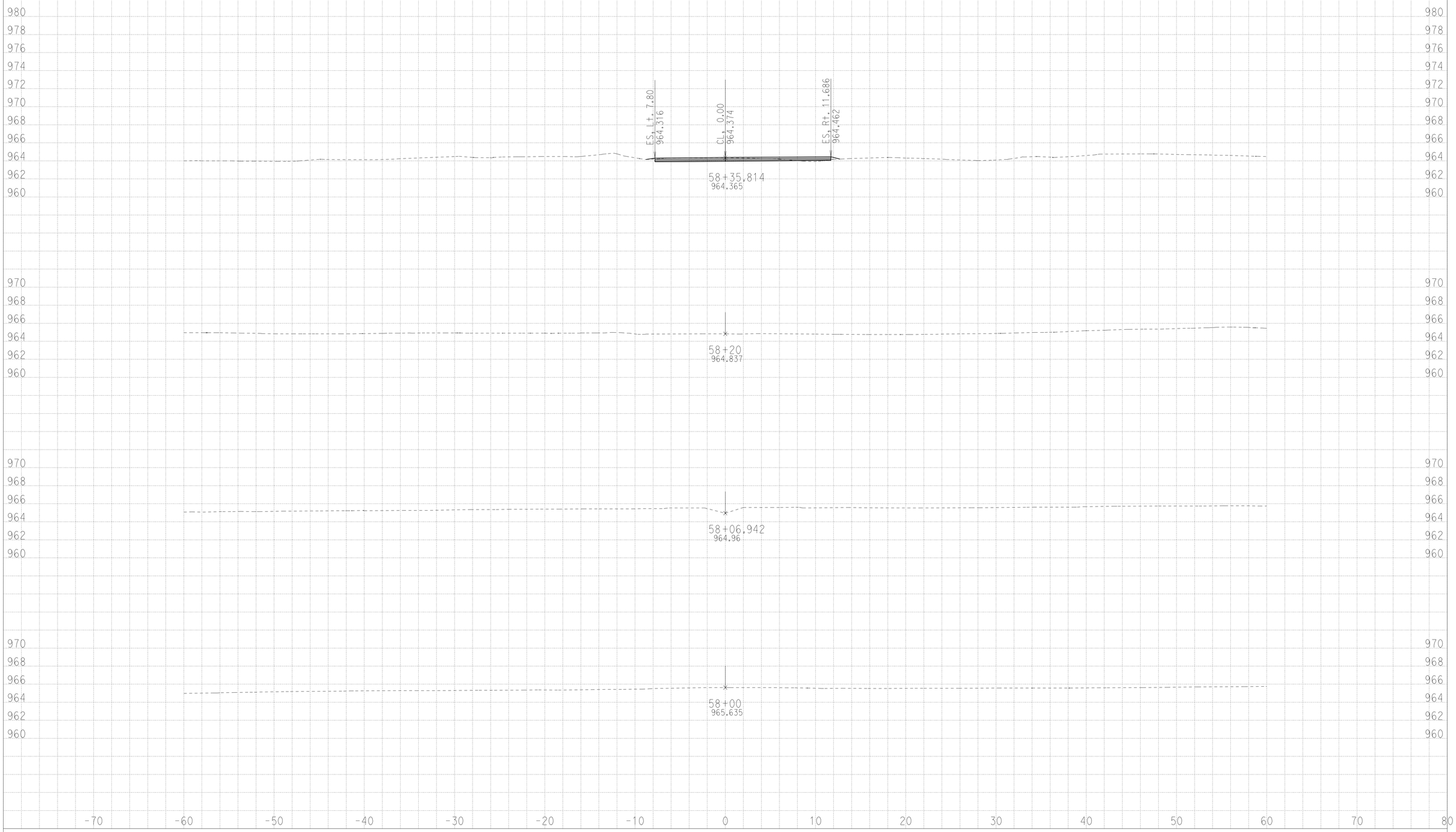

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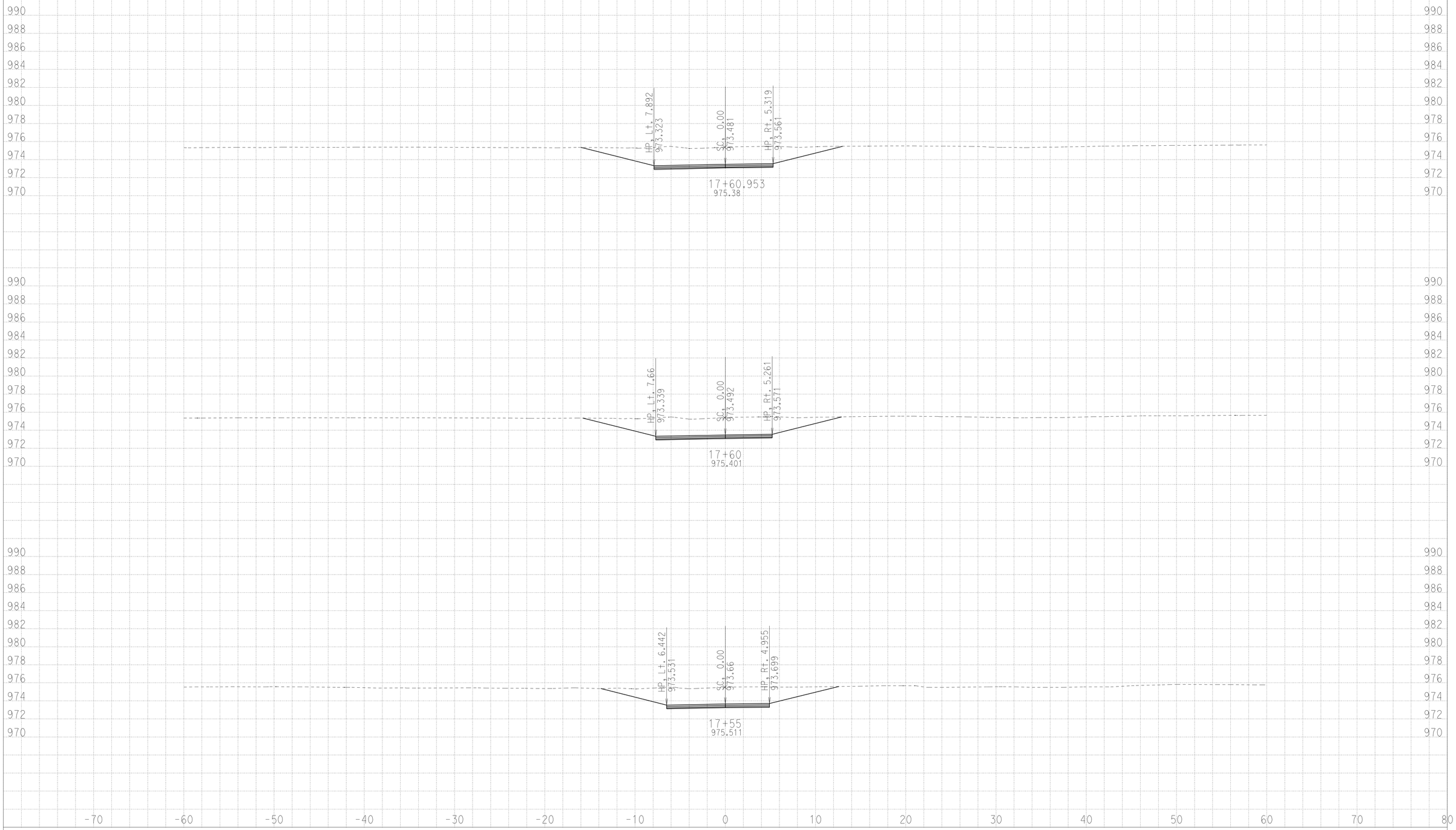
KC Project: SEG12 File: C:\Projects\SEG12\5-19-09dxs165th.ear

165HA1
CROSS SECTIONS

SHEET 7 OF 12

DESIGN STUDY ONLY



DATE: 5/25/2011

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175HA1
CROSS SECTIONS

SHEET 6 OF 9

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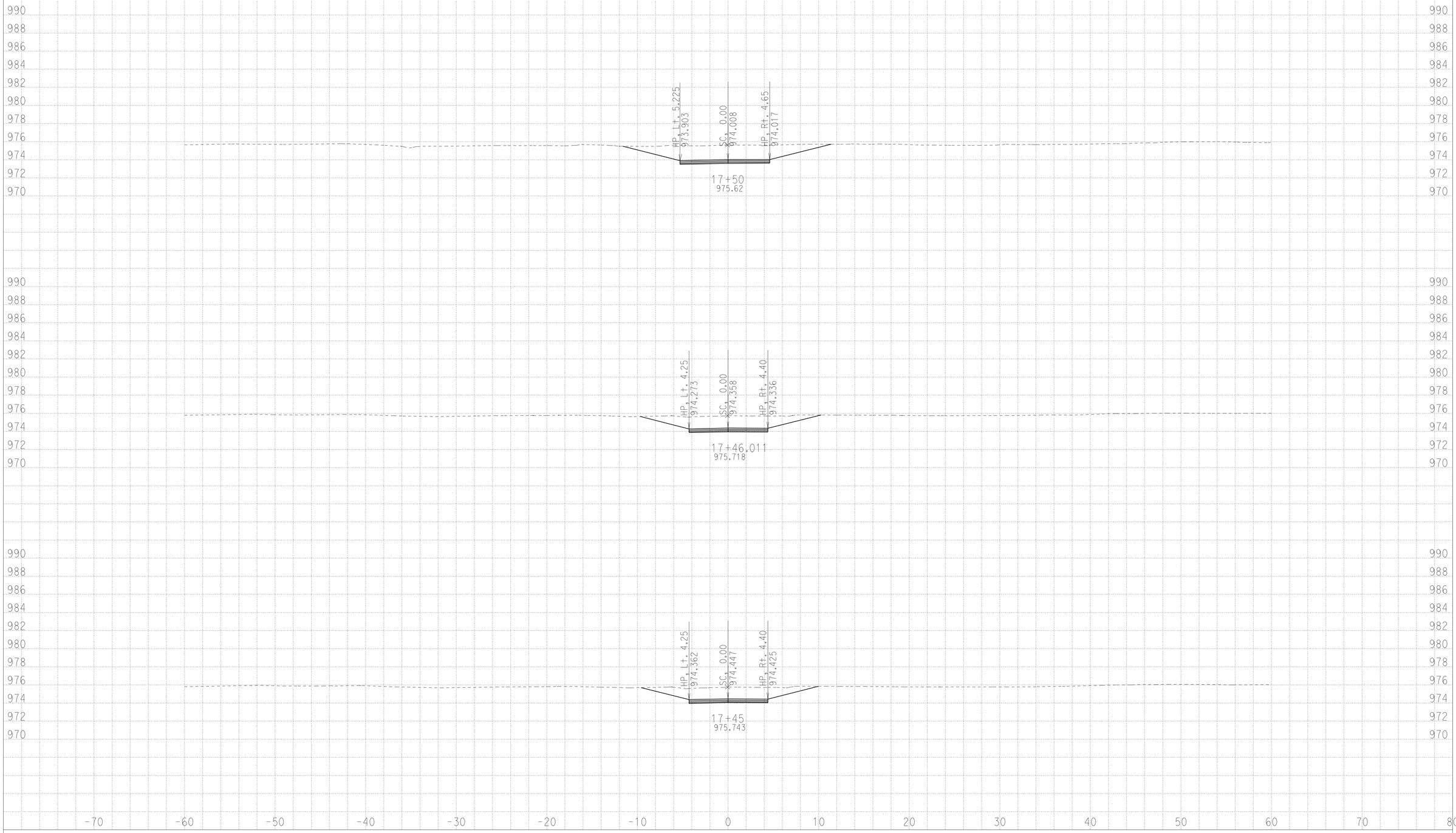

DATE: 5/25/2011

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Scale Ratio: 1:200 Horiz.
1:200 Vert.

175HA1
CROSS SECTIONS

SHEET 5 OF 9

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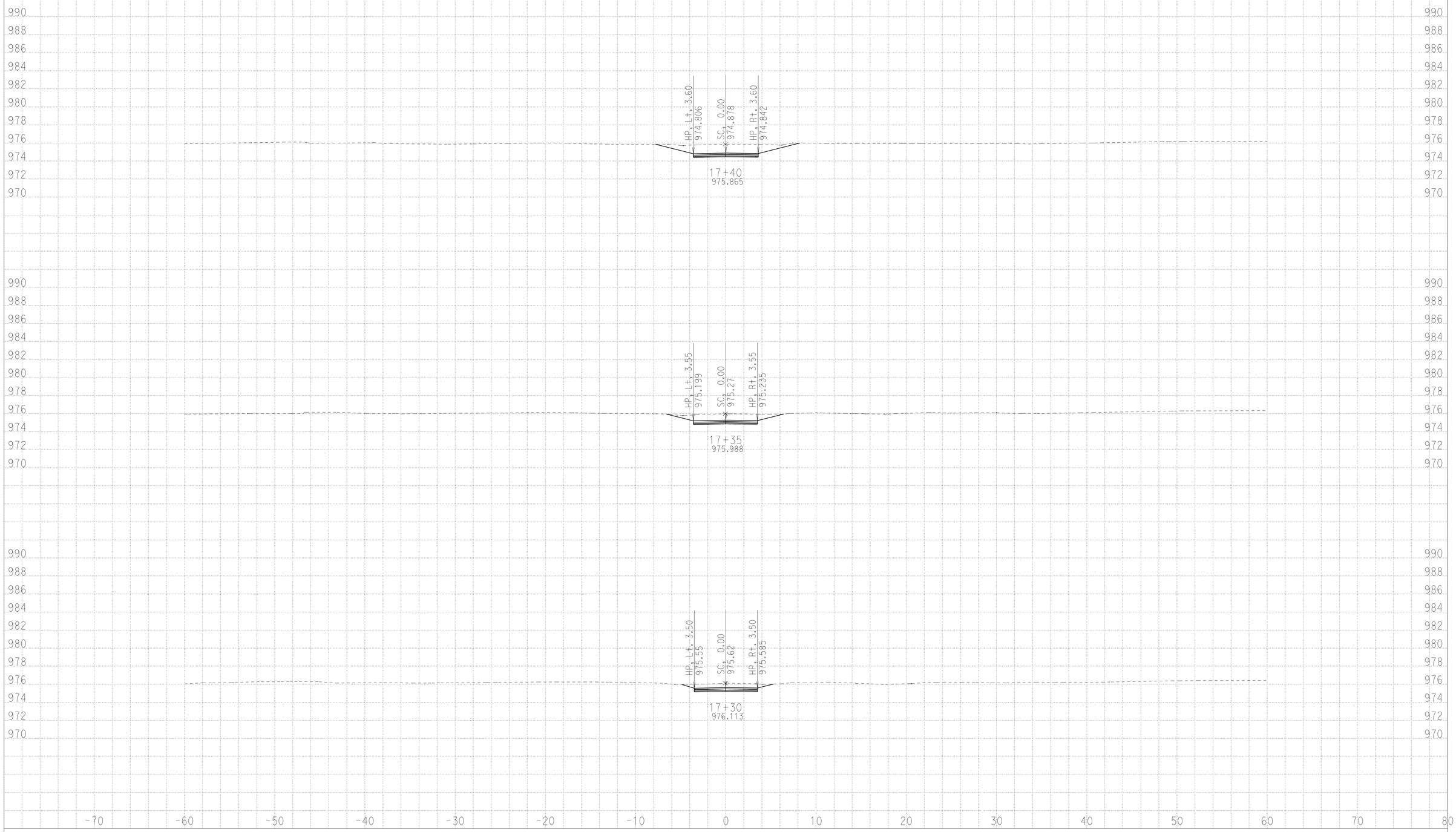

DATE: 5/25/2011

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Scale Ratio: 1:200 Horiz.
1:200 Vert.

175HA1
CROSS SECTIONS

SHEET 4 OF 9

KC Project: SEG12 File: C:\Projects\SEG12\5-26-09dxs175th.ear

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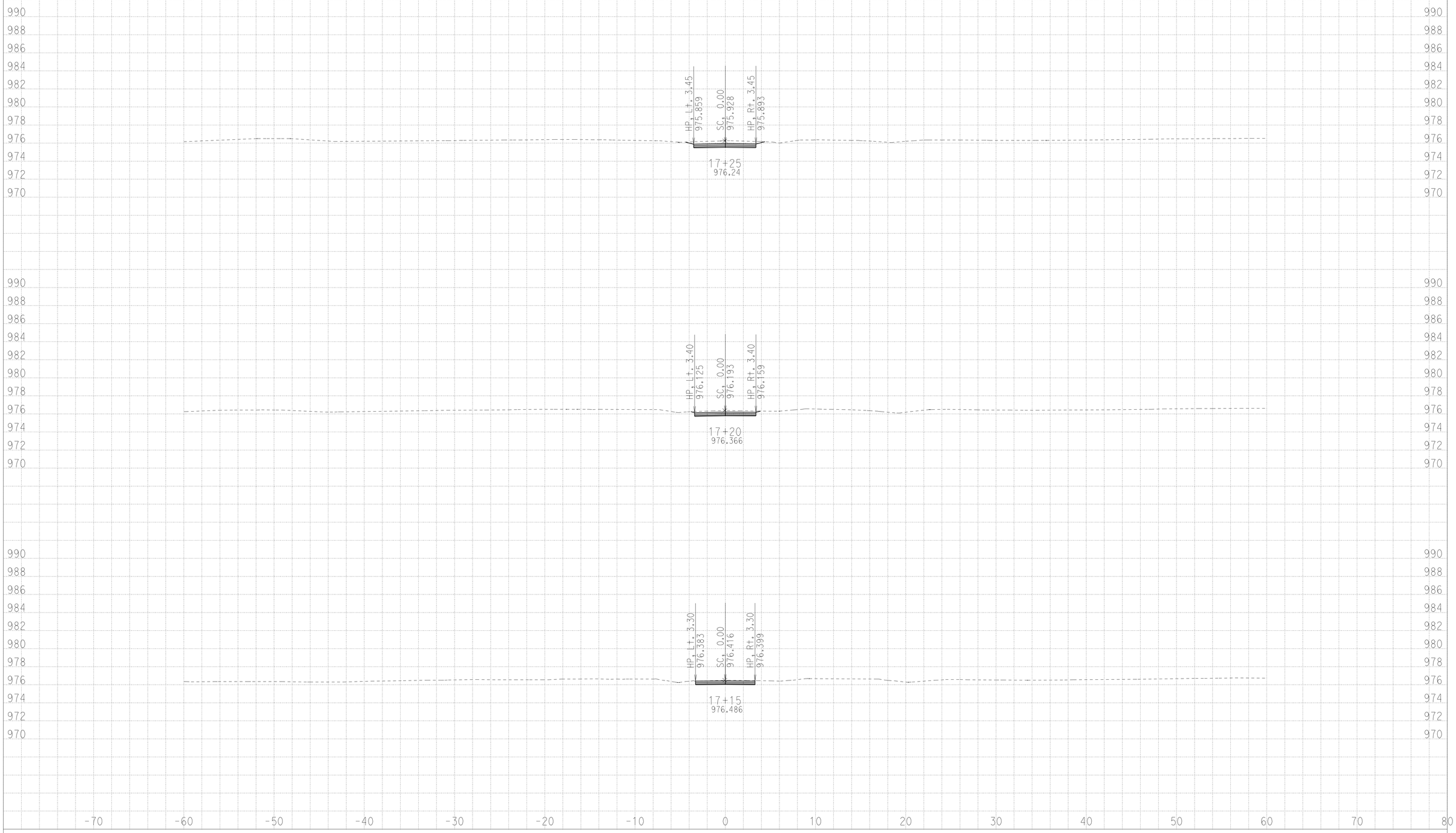

DATE: 5/25/2011

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1:200 Vert.

175HA1
CROSS SECTIONS

SHEET 3 OF 9

KC Project: SEG12 File: C:\Projects\SEG12\5-26-09dxs175th.ear

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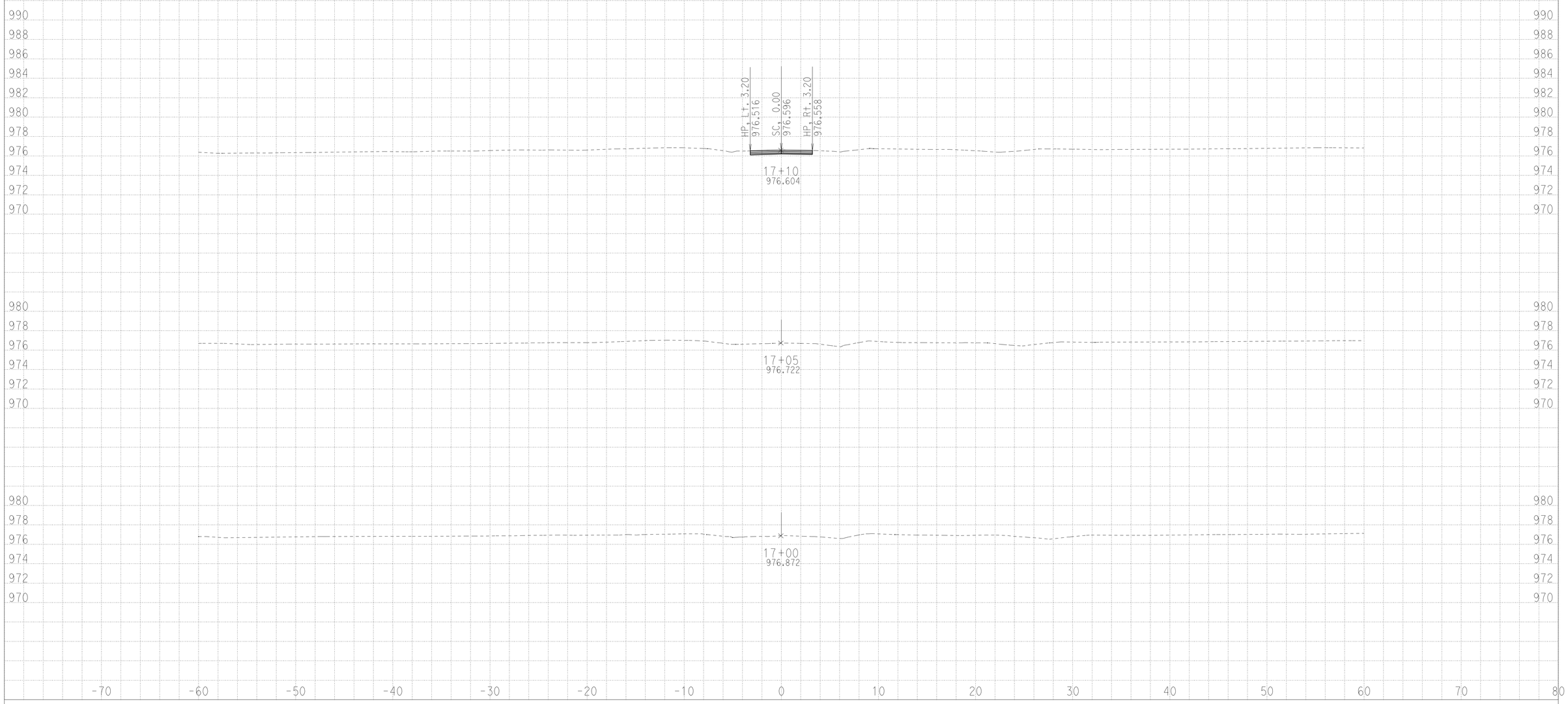

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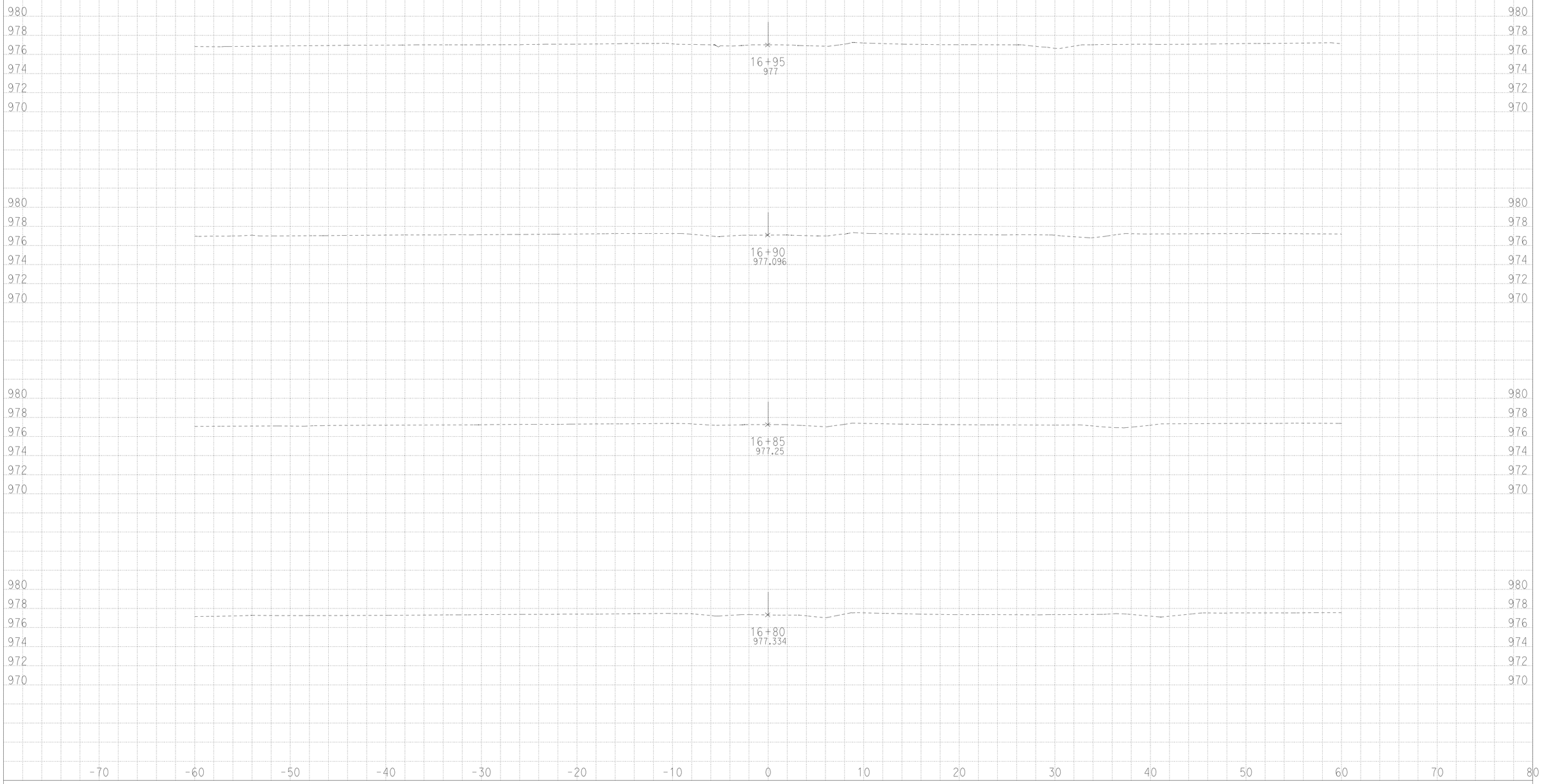
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\5-26-09dxs175th.ear

175HA1
CROSS SECTIONS

SHEET 2 OF 9

DESIGN STUDY ONLY



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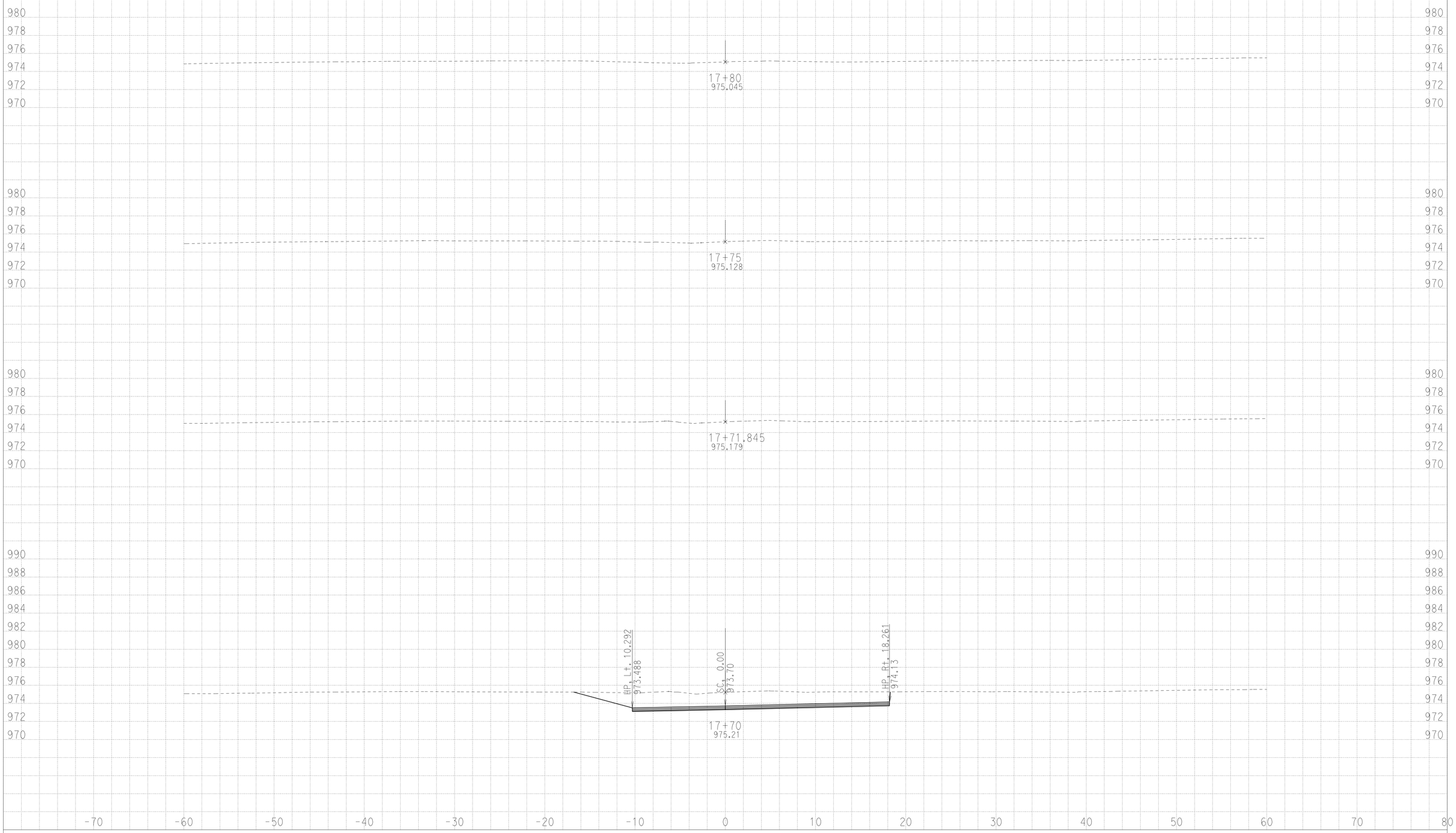
175HA1
CROSS SECTIONS

SHEET 1 OF 9

DESIGN STUDY ONLY



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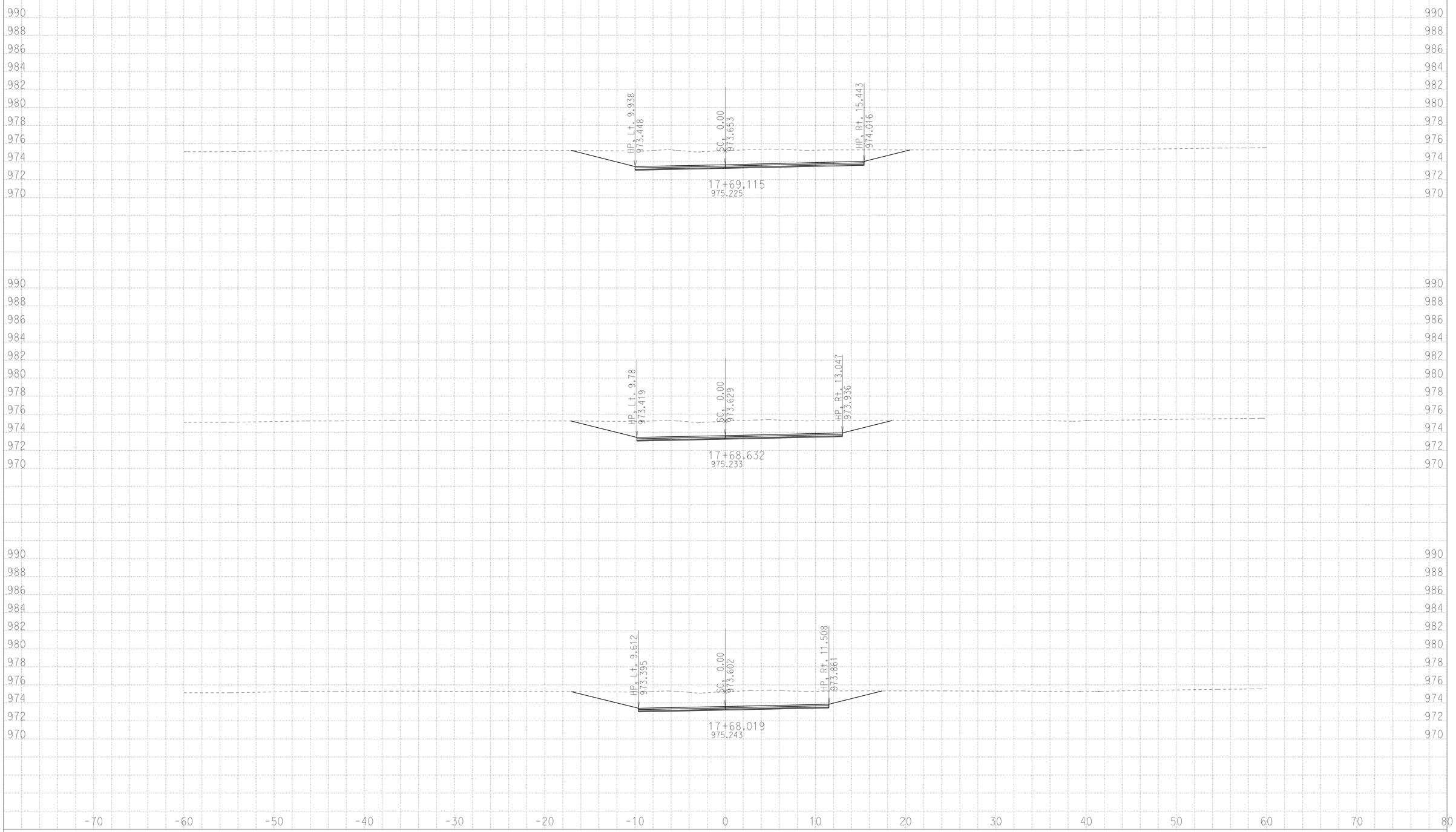
175HA1
CROSS SECTIONS

SHEET 9 OF 9

DESIGN STUDY ONLY



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175HA1
CROSS SECTIONS

SHEET 8 OF 9

KC Project: SEG12 File: C:\Projects\SEG12\5-26-09dxs175th.ear

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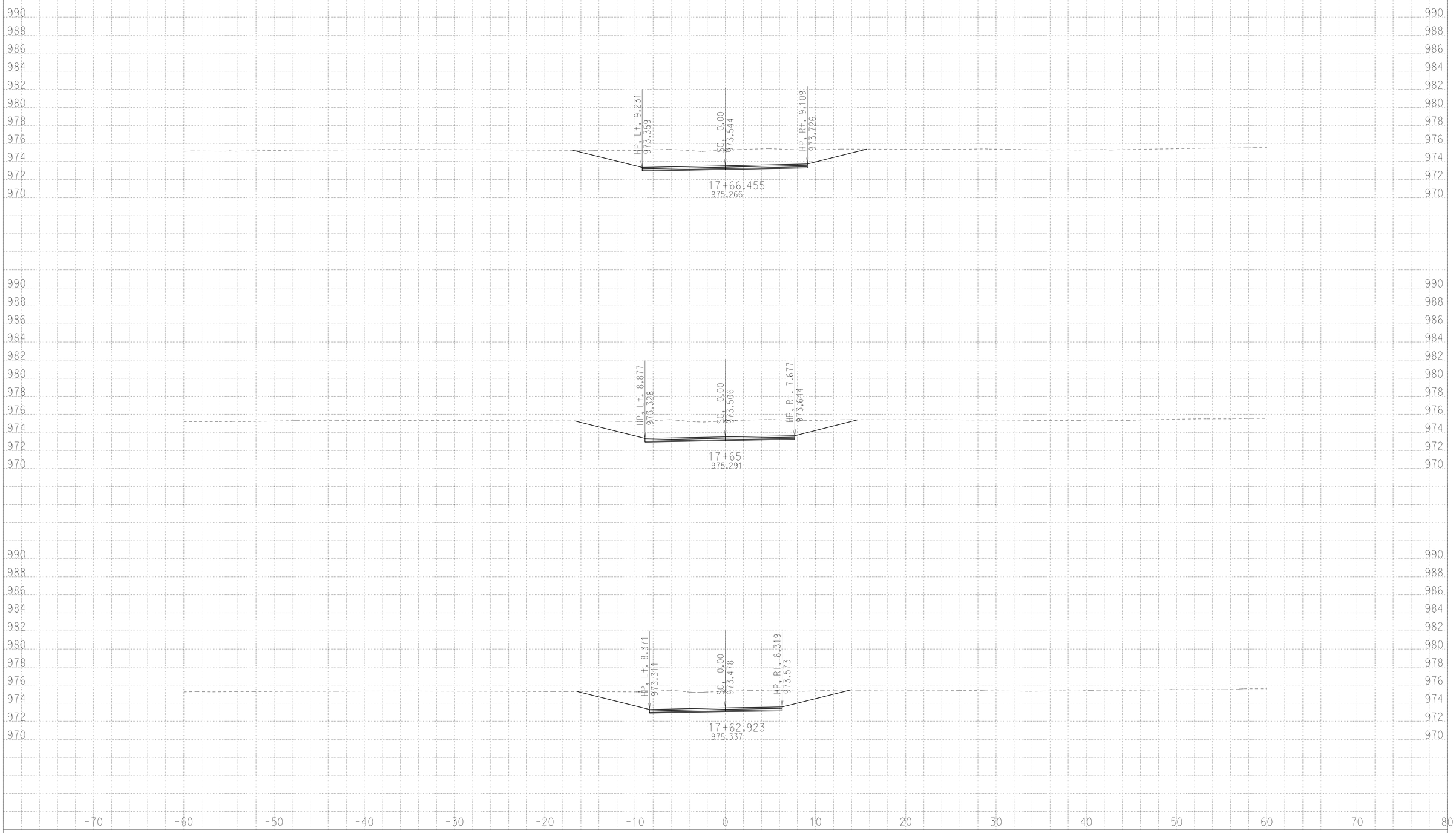

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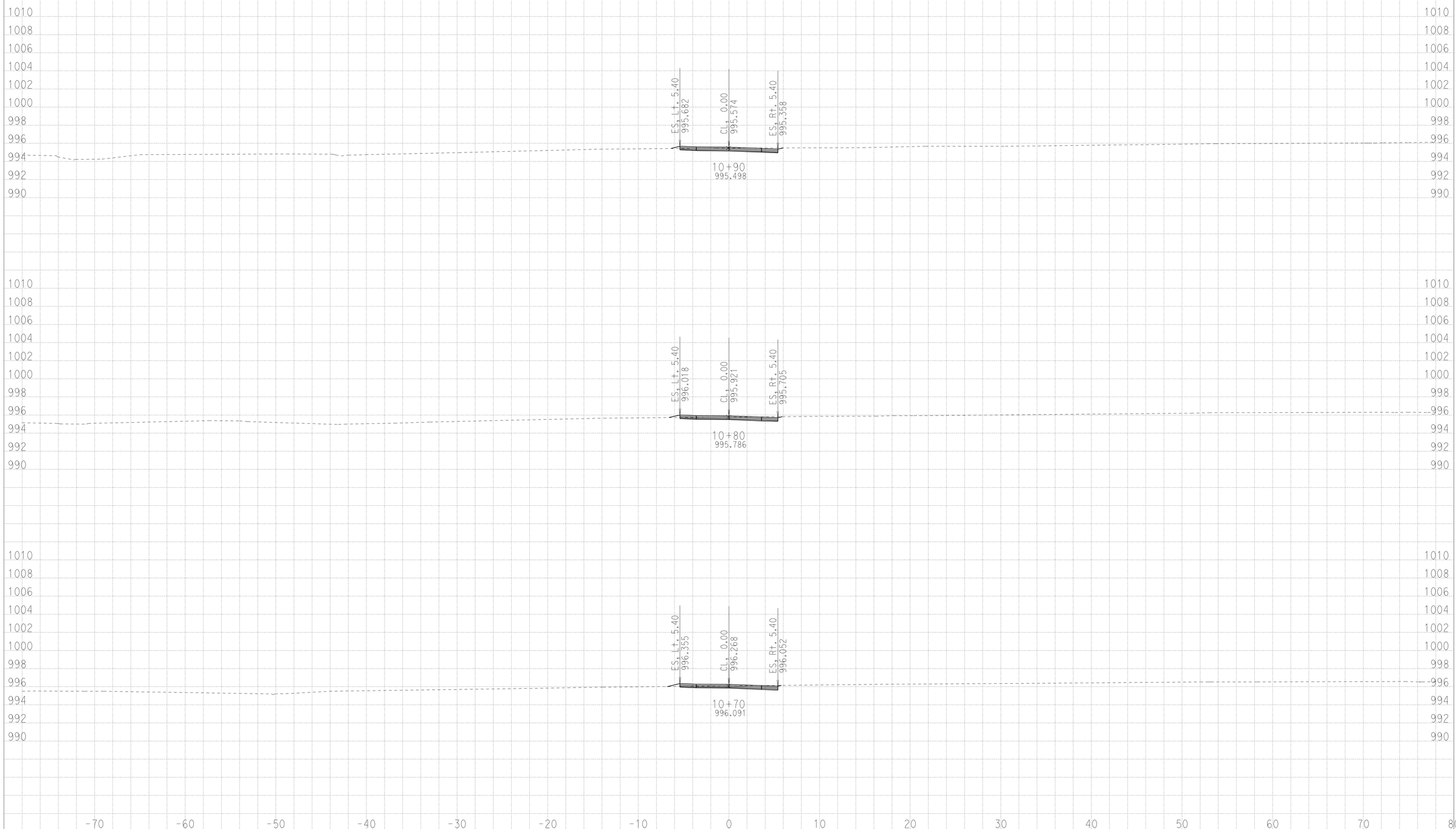
175HA1
CROSS SECTIONS

SHEET 7 OF 9

DESIGN STUDY ONLY



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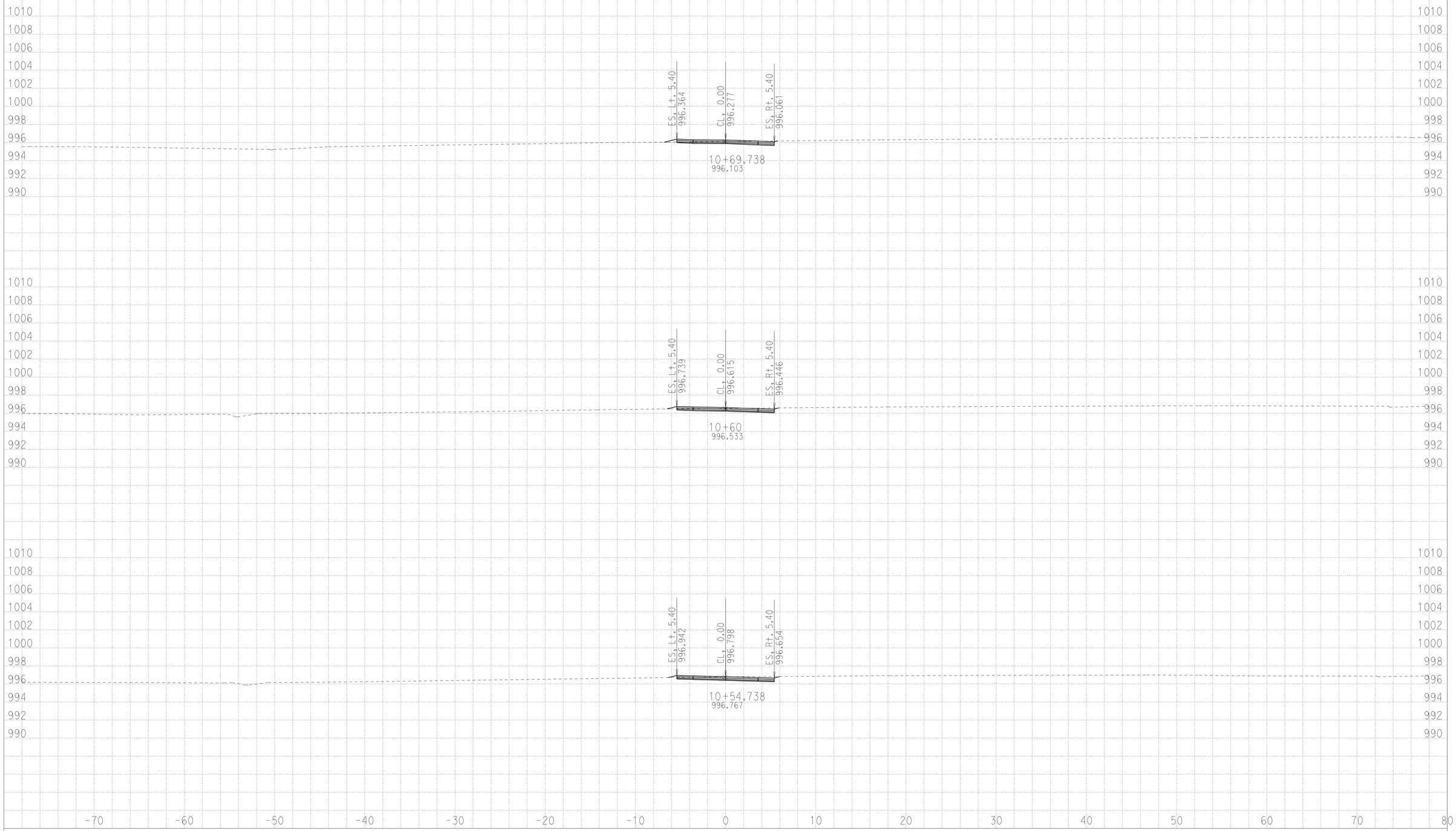
AVEW2
CROSS SECTIONS

DESIGN STUDY ONLY



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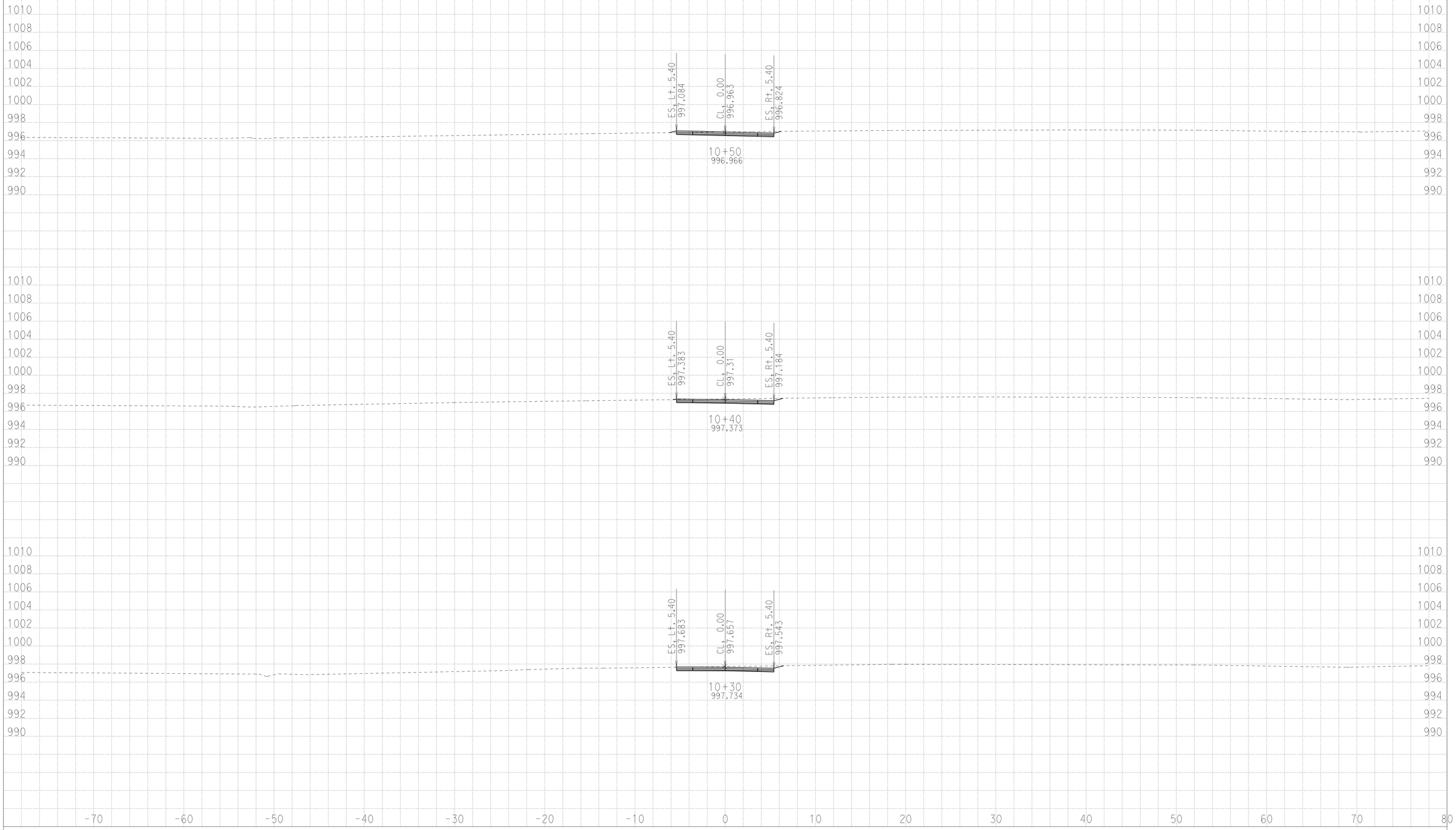
AVEW2
CROSS SECTIONS

SHEET 5 OF 18

DESIGN STUDY ONLY



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AVEW2
CROSS SECTIONS

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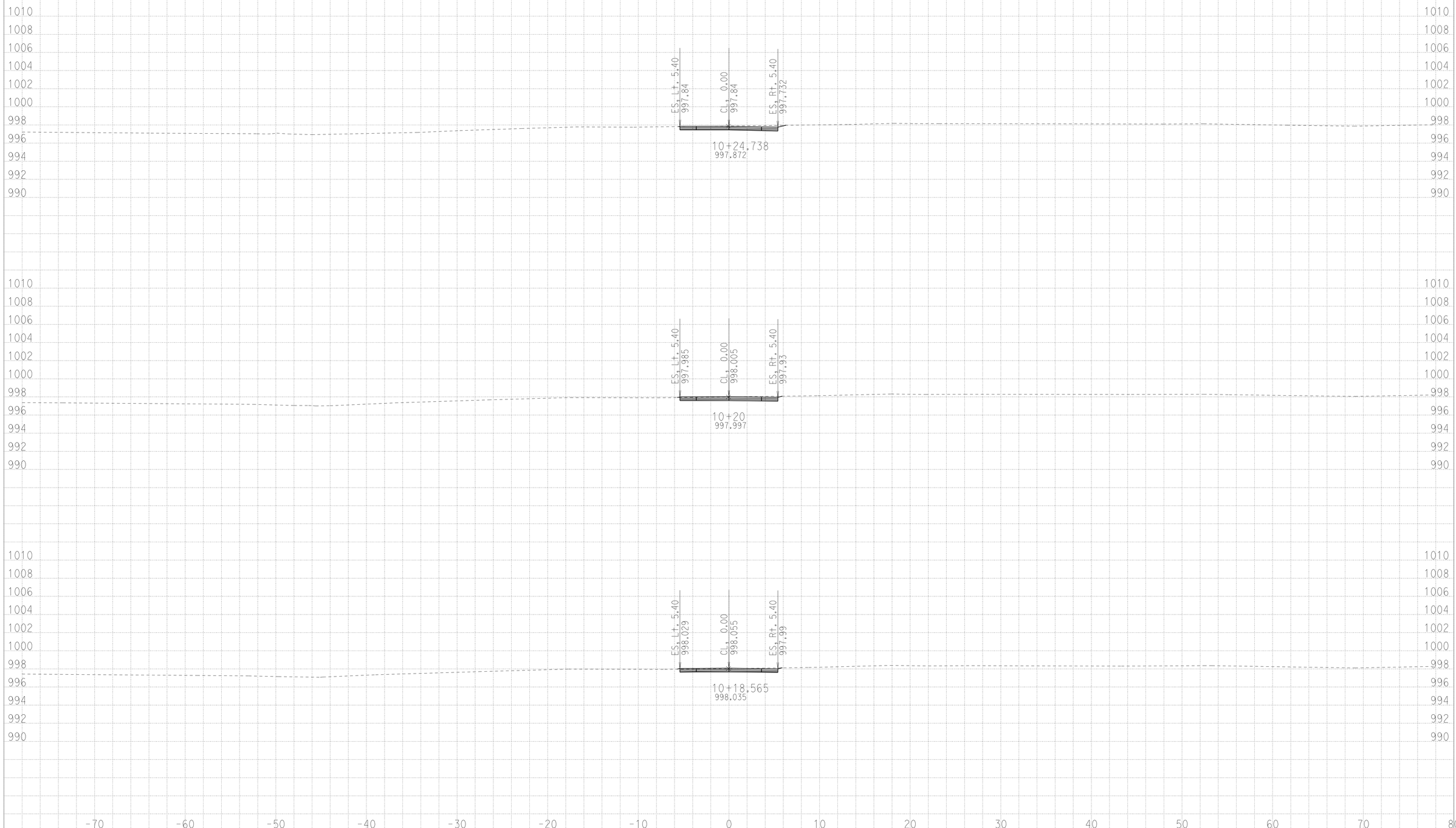

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AVEW2
CROSS SECTIONS

SHEET 3 OF 18

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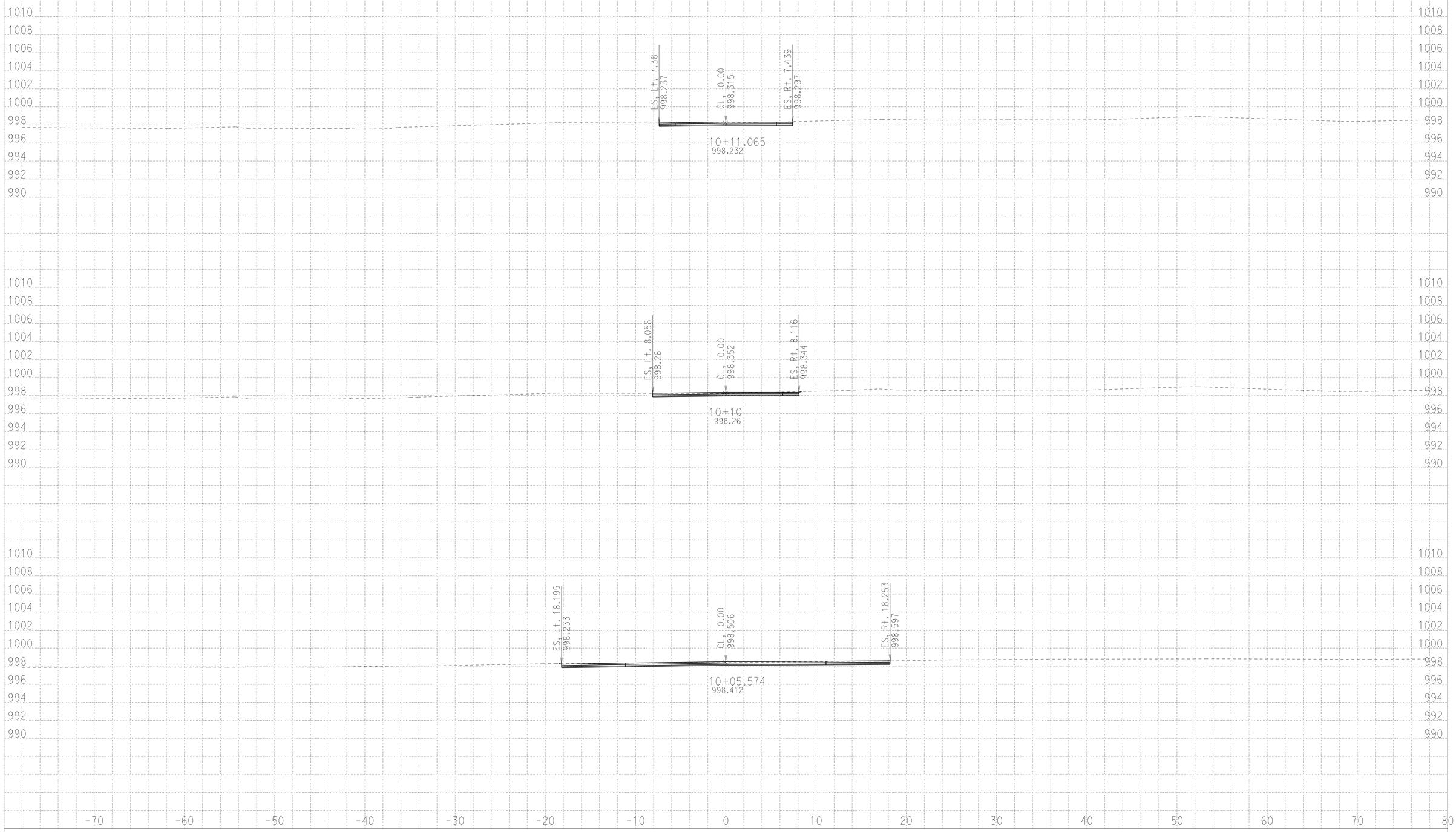

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AVEW2
CROSS SECTIONS

SHEET 2 OF 18

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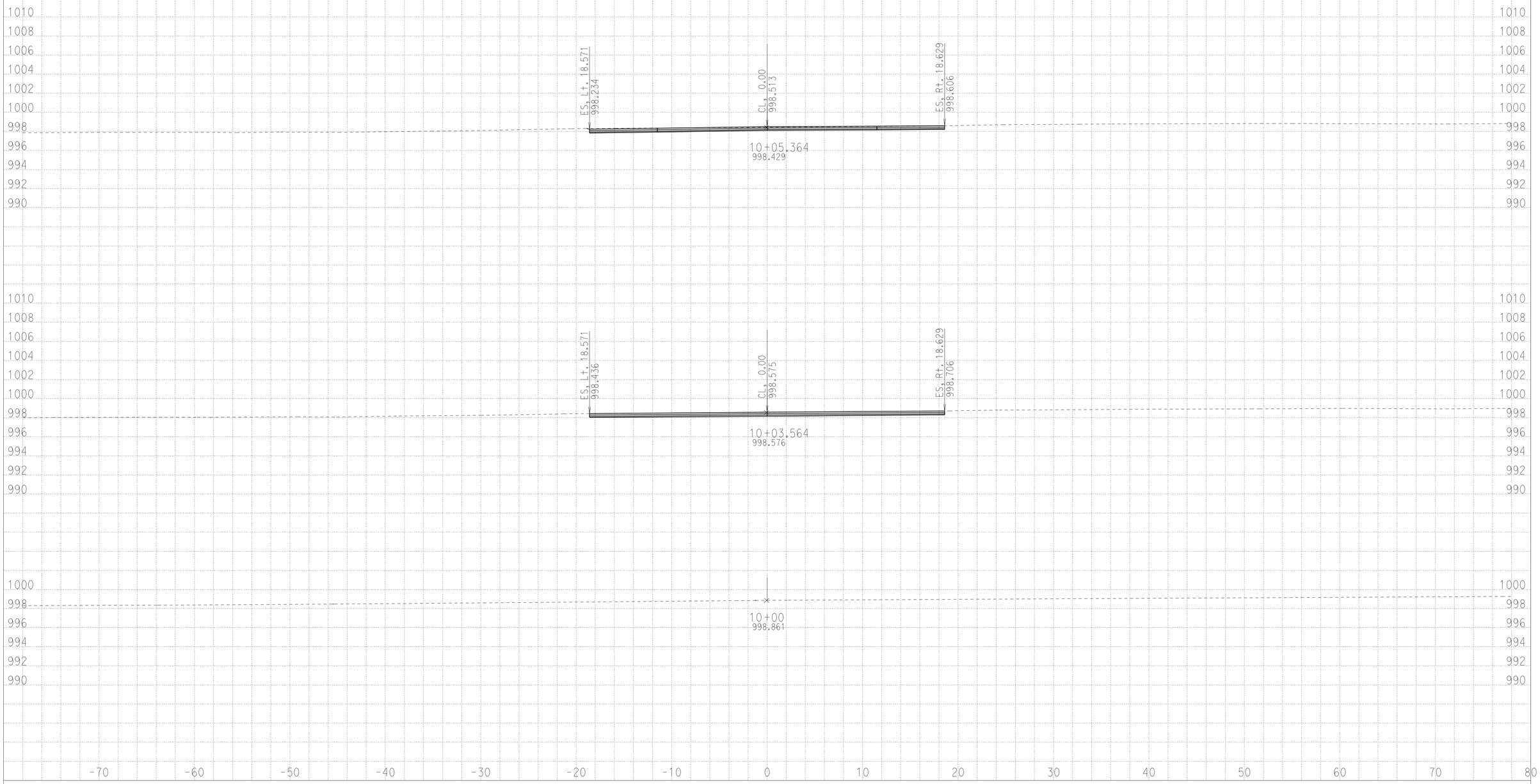

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AVEW2
CROSS SECTIONS

SHEET 1 OF 18

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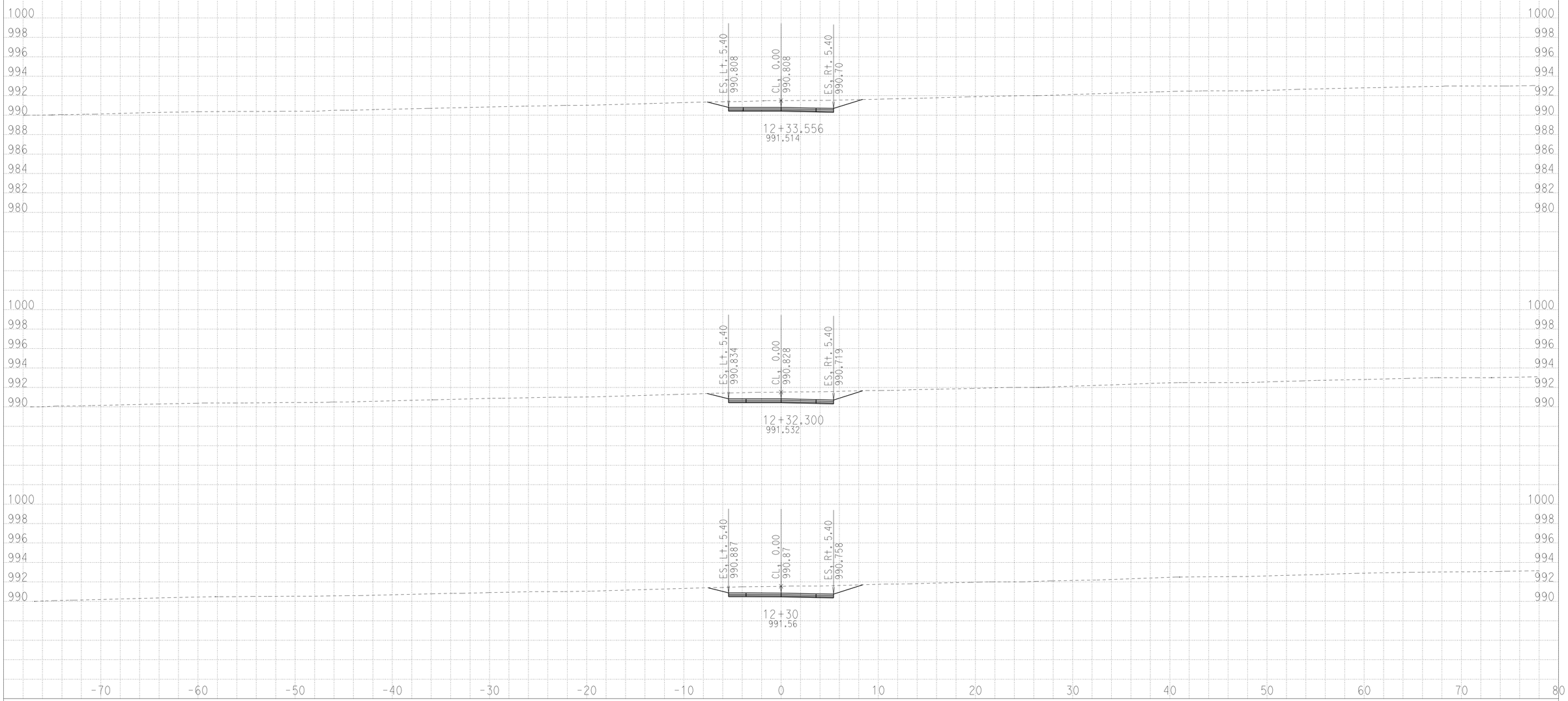

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AVEW2
CROSS SECTIONS

SHEET 12 OF 18

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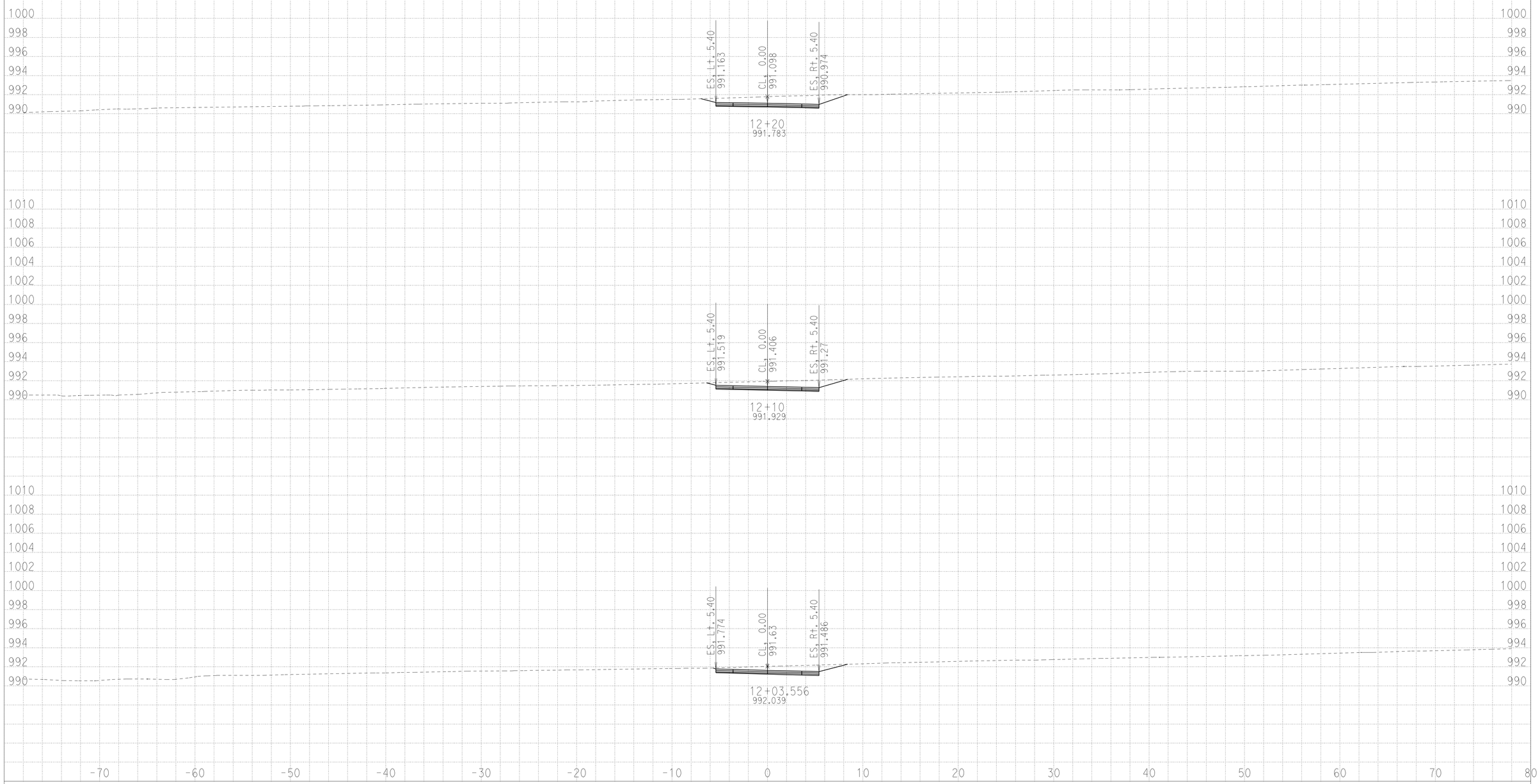

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AVEW2
CROSS SECTIONS

SHEET 11 OF 18

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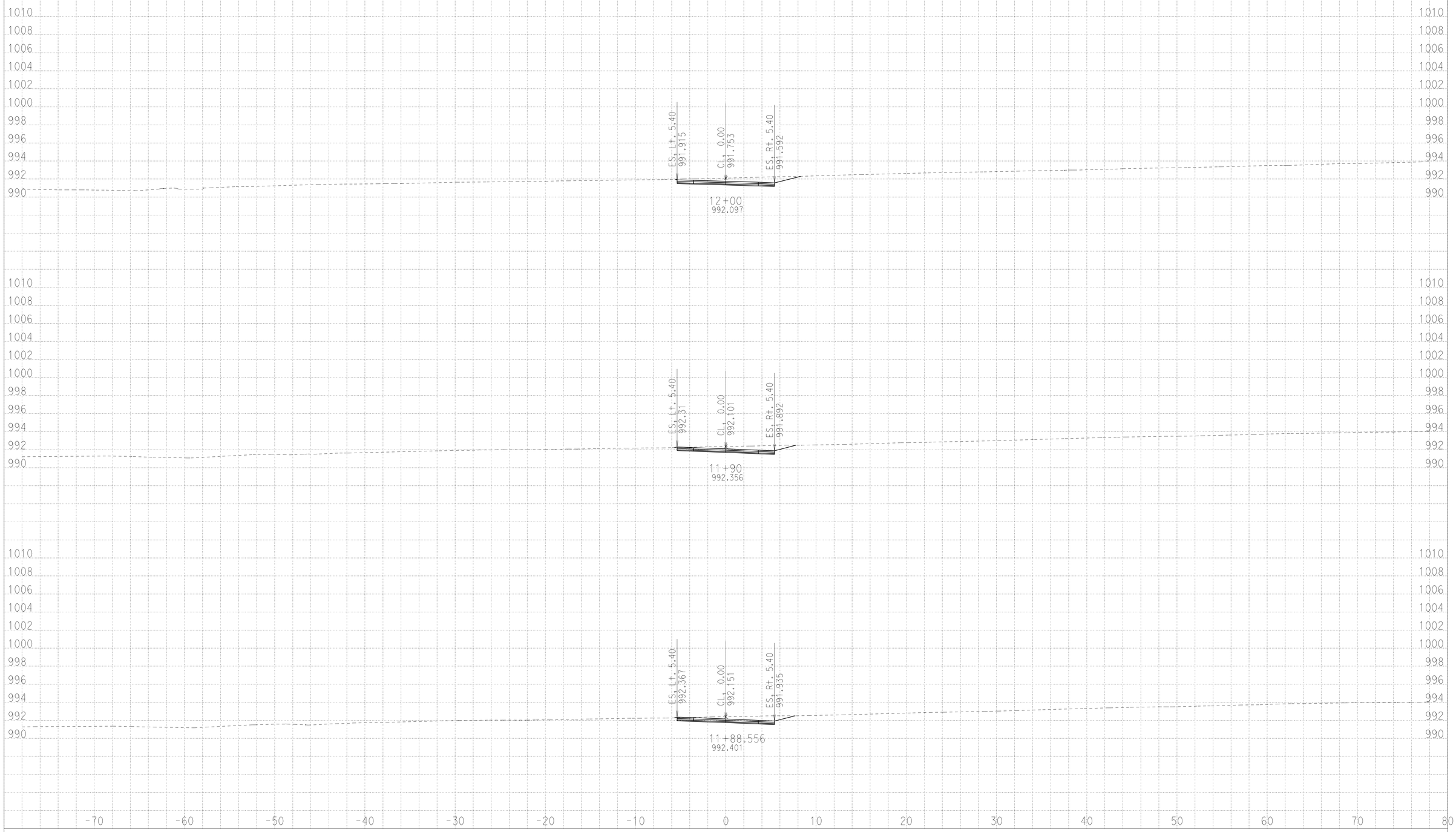

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AVEW2
CROSS SECTIONS

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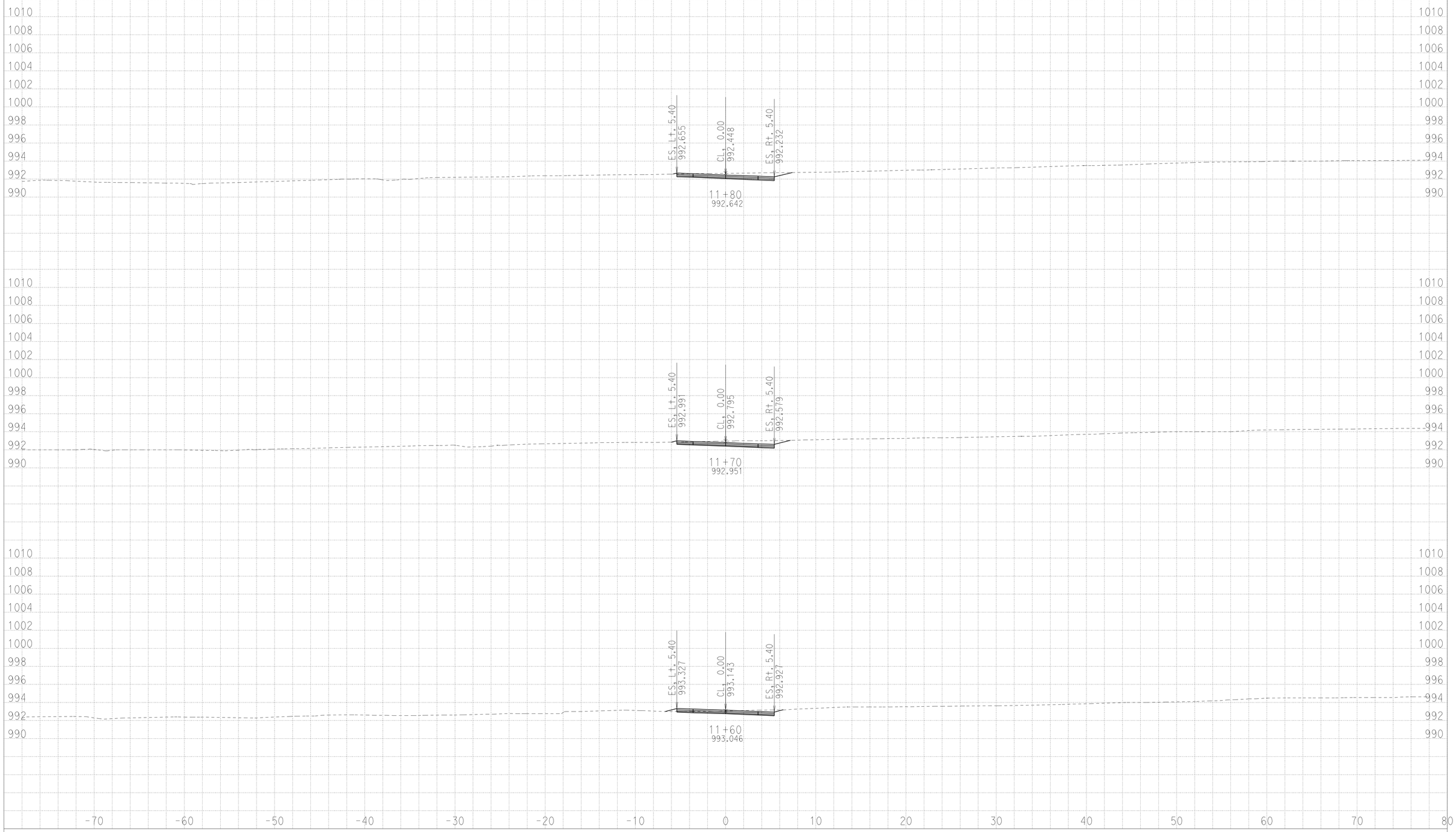

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AVEW2
CROSS SECTIONS

SHEET 9 OF 18

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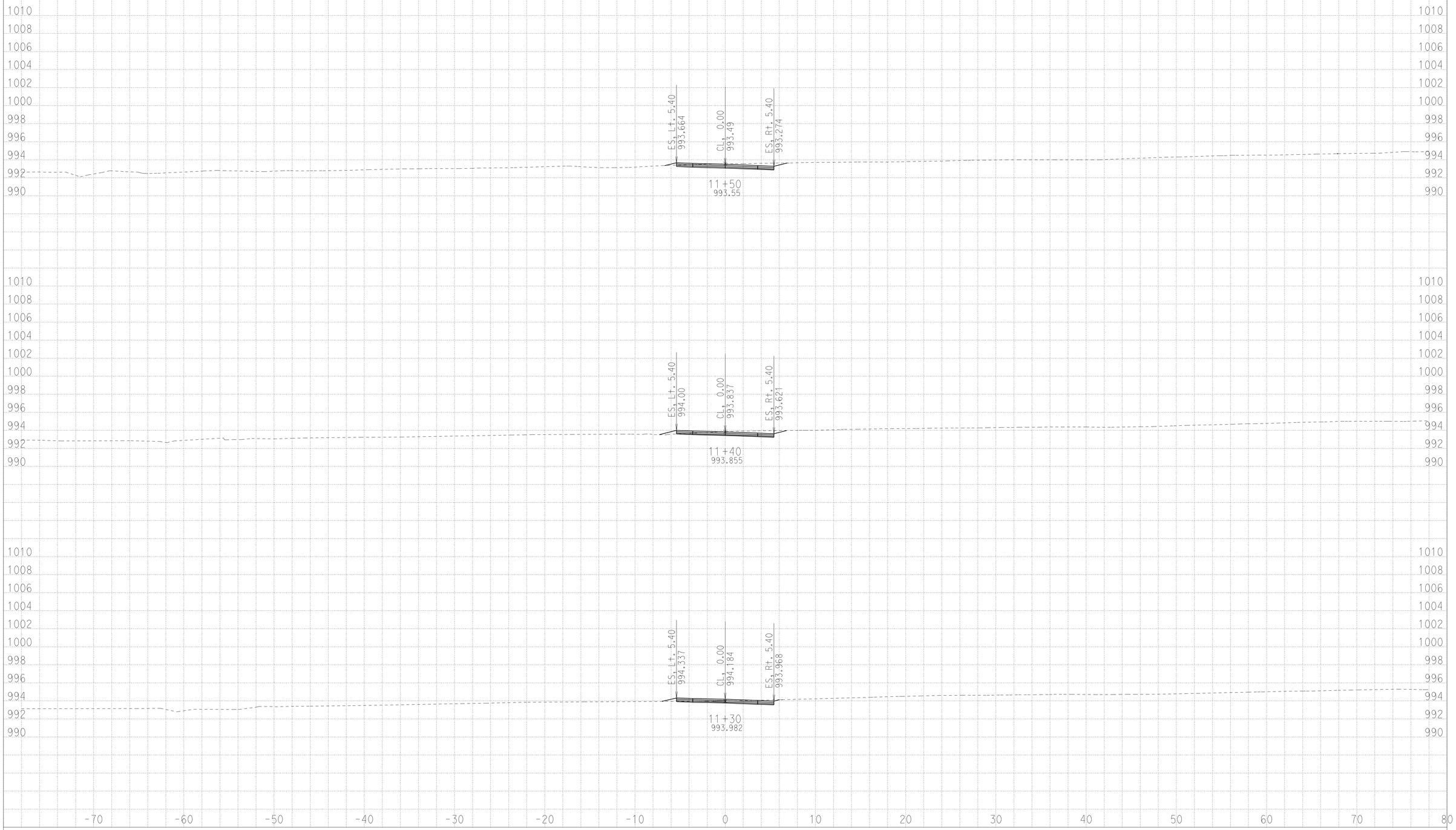

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AVEW2
CROSS SECTIONS

SHEET 8 OF 18

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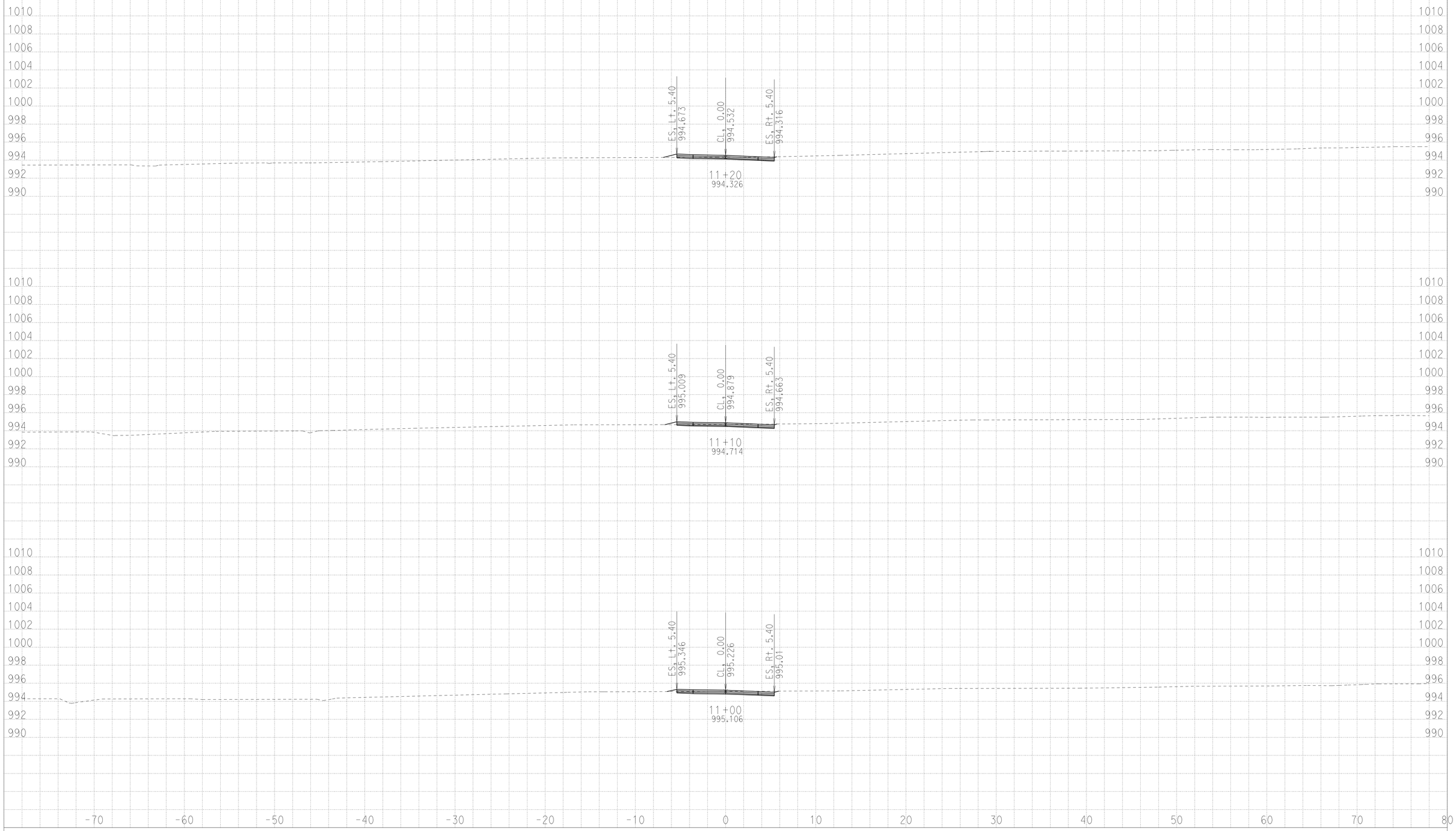

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AVEW2
CROSS SECTIONS

SHEET 7 OF 18

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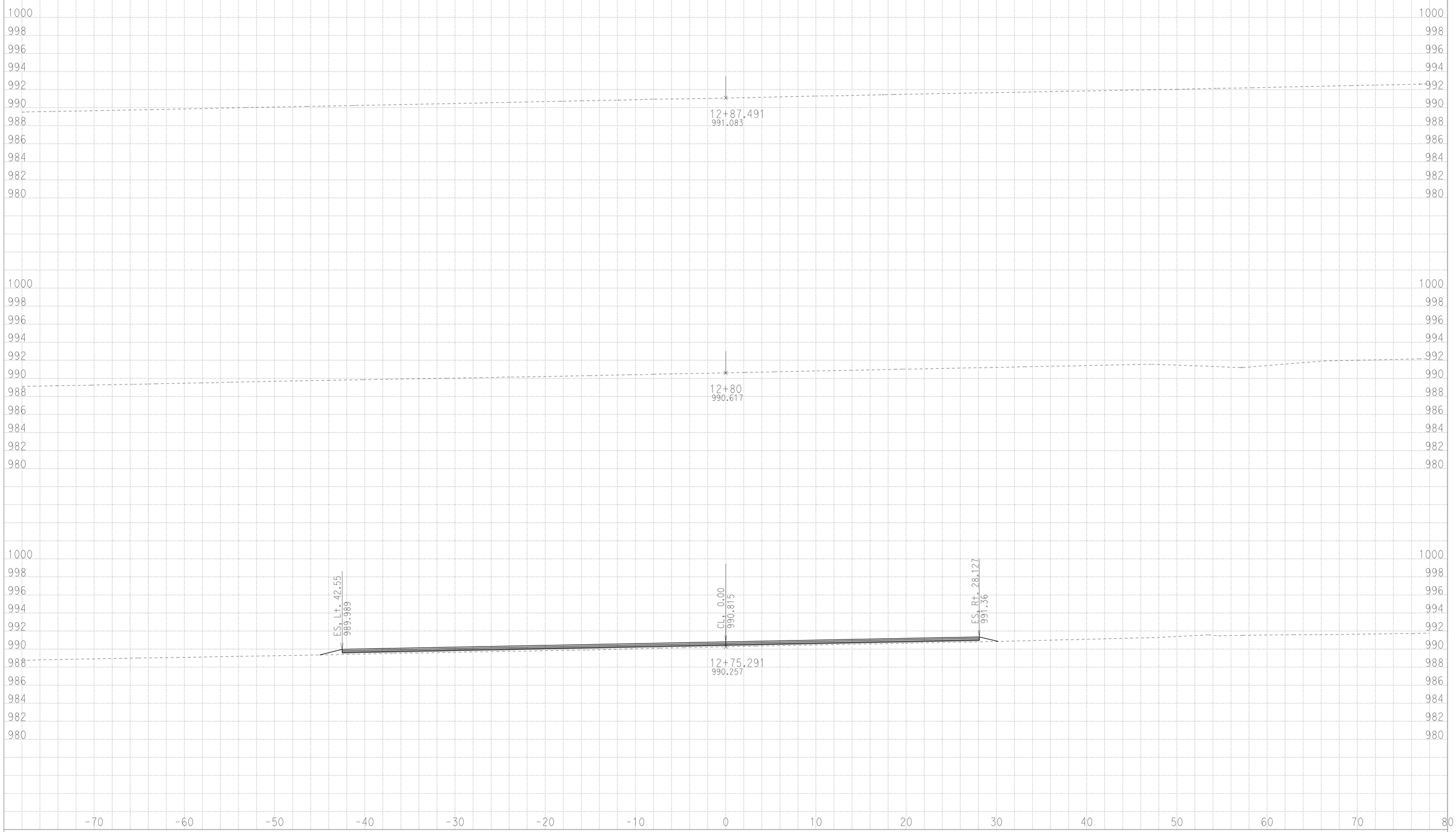

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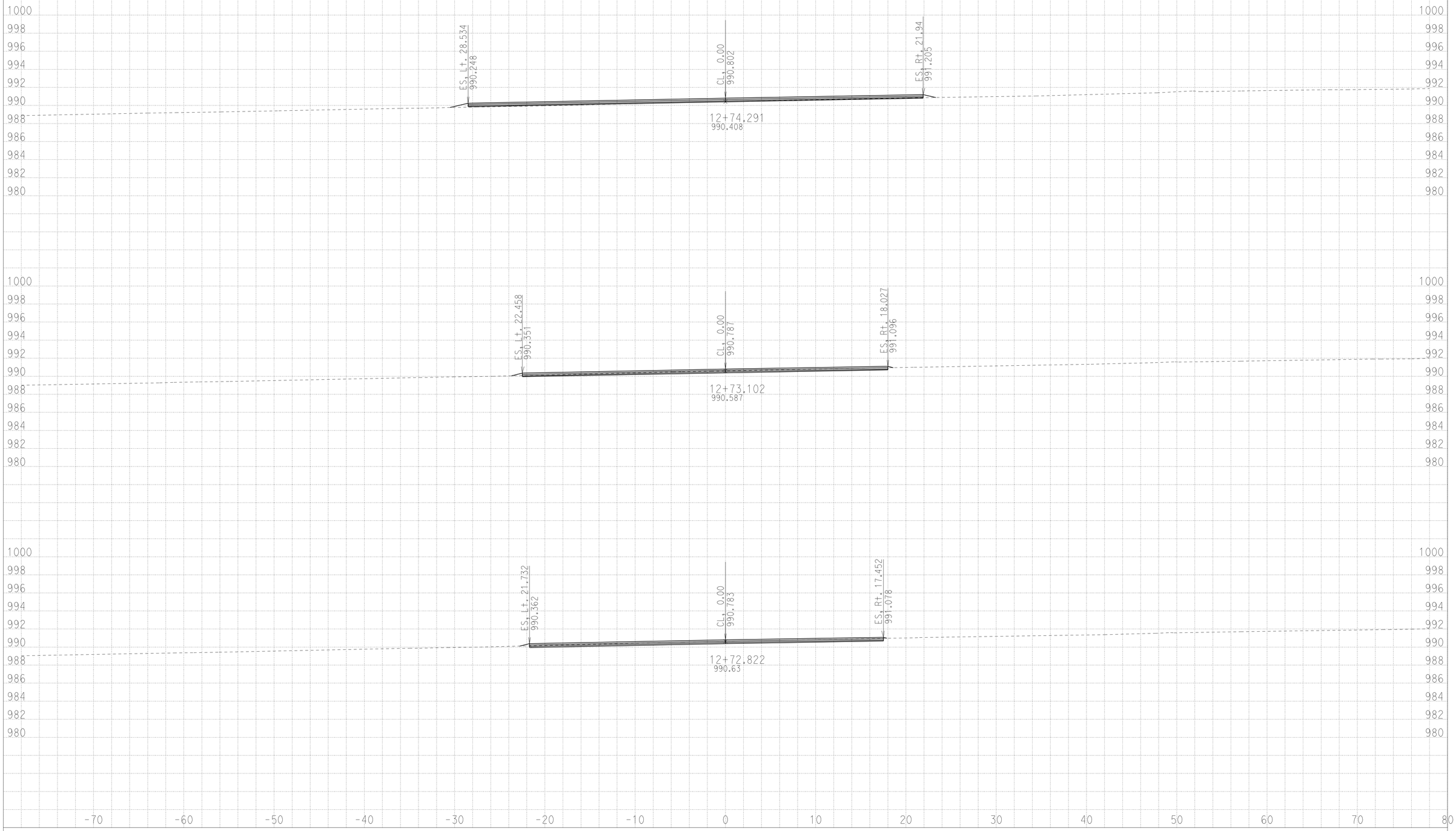
AVEW2
CROSS SECTIONS

SHEET 18 OF 18

DESIGN STUDY ONLY



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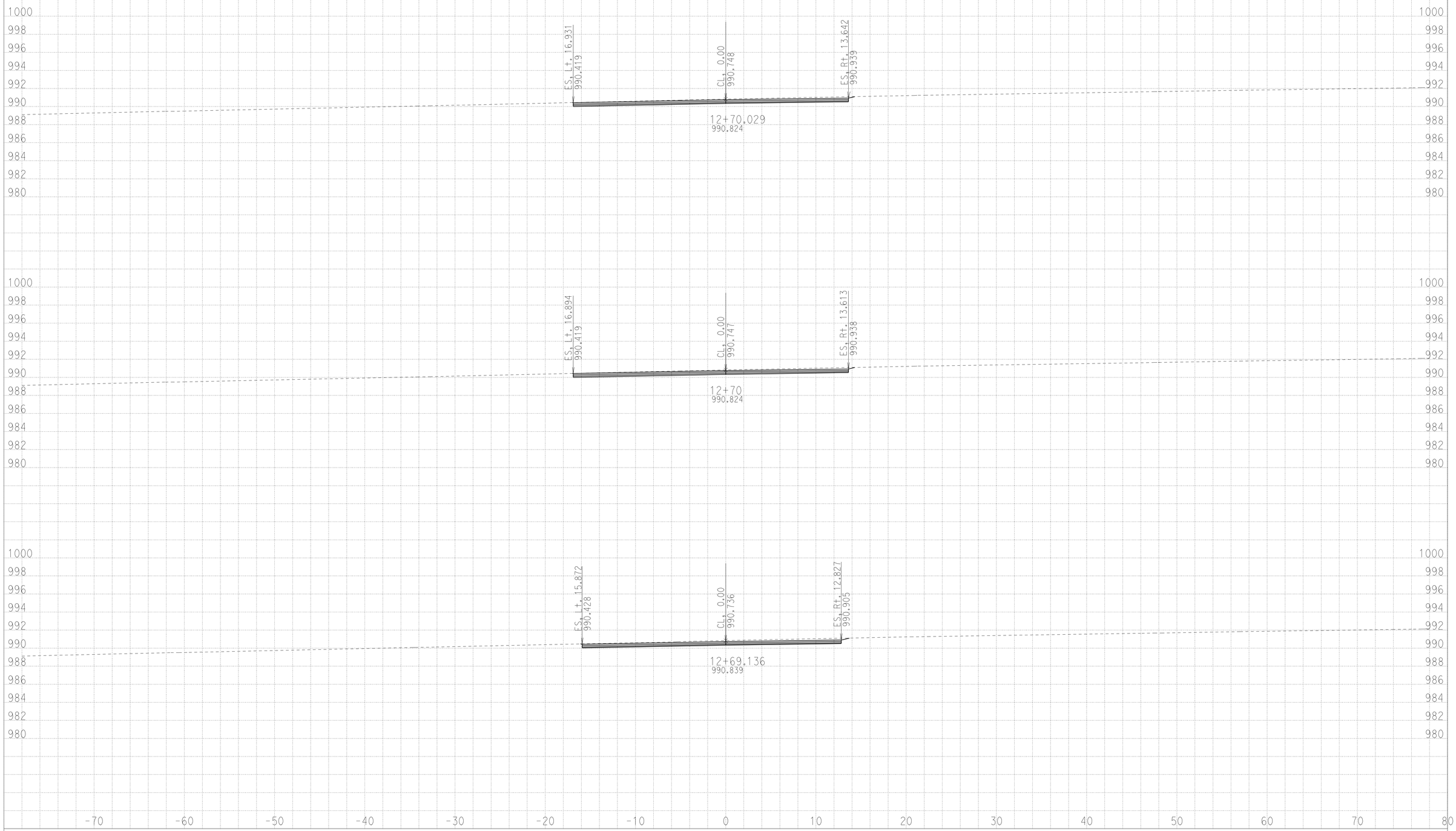
AVEW2
CROSS SECTIONS

DESIGN STUDY ONLY



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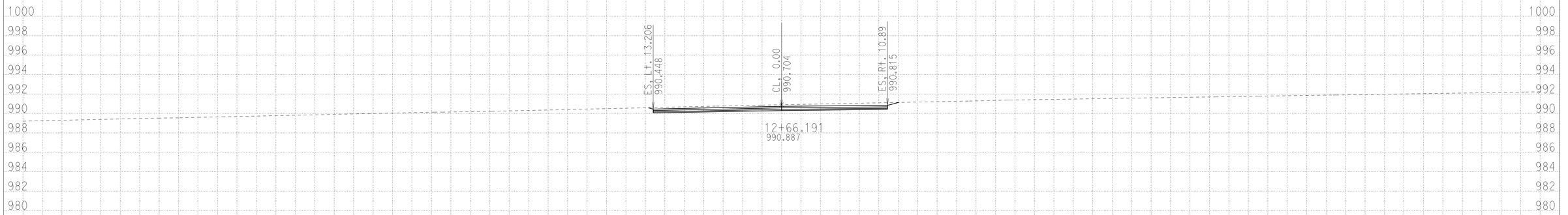
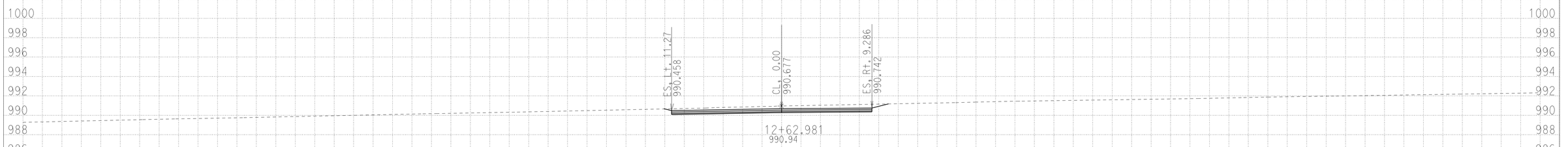
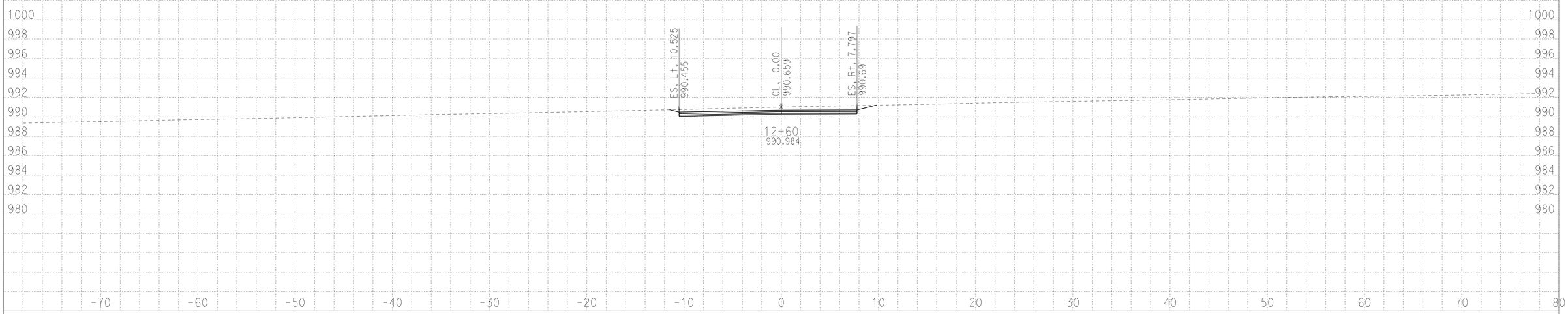
AVEW2
CROSS SECTIONS

DESIGN STUDY ONLY







DATE: 5/25/2011

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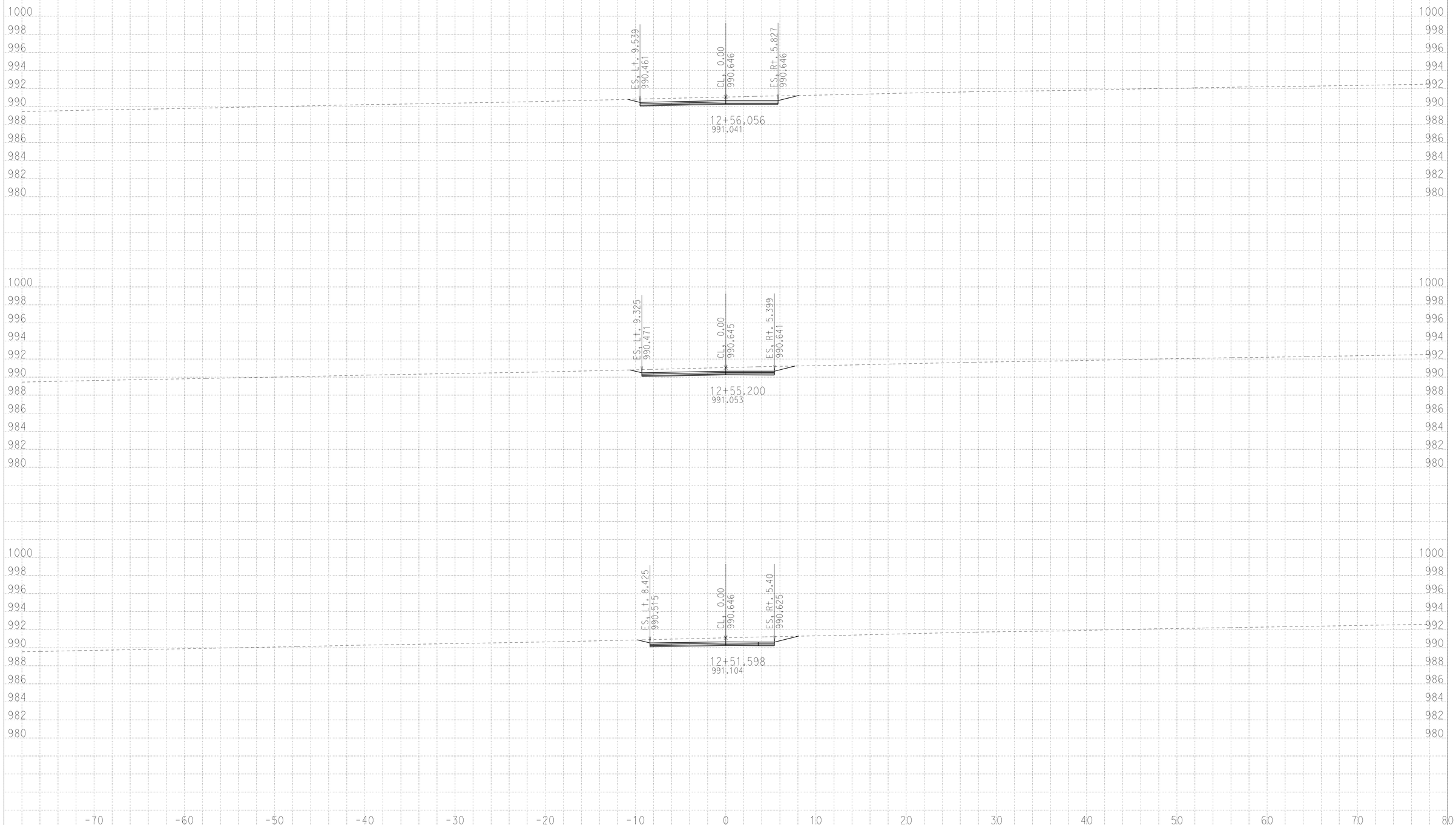
AVEW2
CROSS SECTIONS

SHEET 15 OF 18

DESIGN STUDY ONLY



DATE: 5/25/2011

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Scale Ratio: 1:200 Horiz.
1:200 Vert.

AVEW2
CROSS SECTIONS

SHEET 14 OF 18

KC Project: SEG12 File: C:\Projects\SEG12\4-17-09dxsavew.ear

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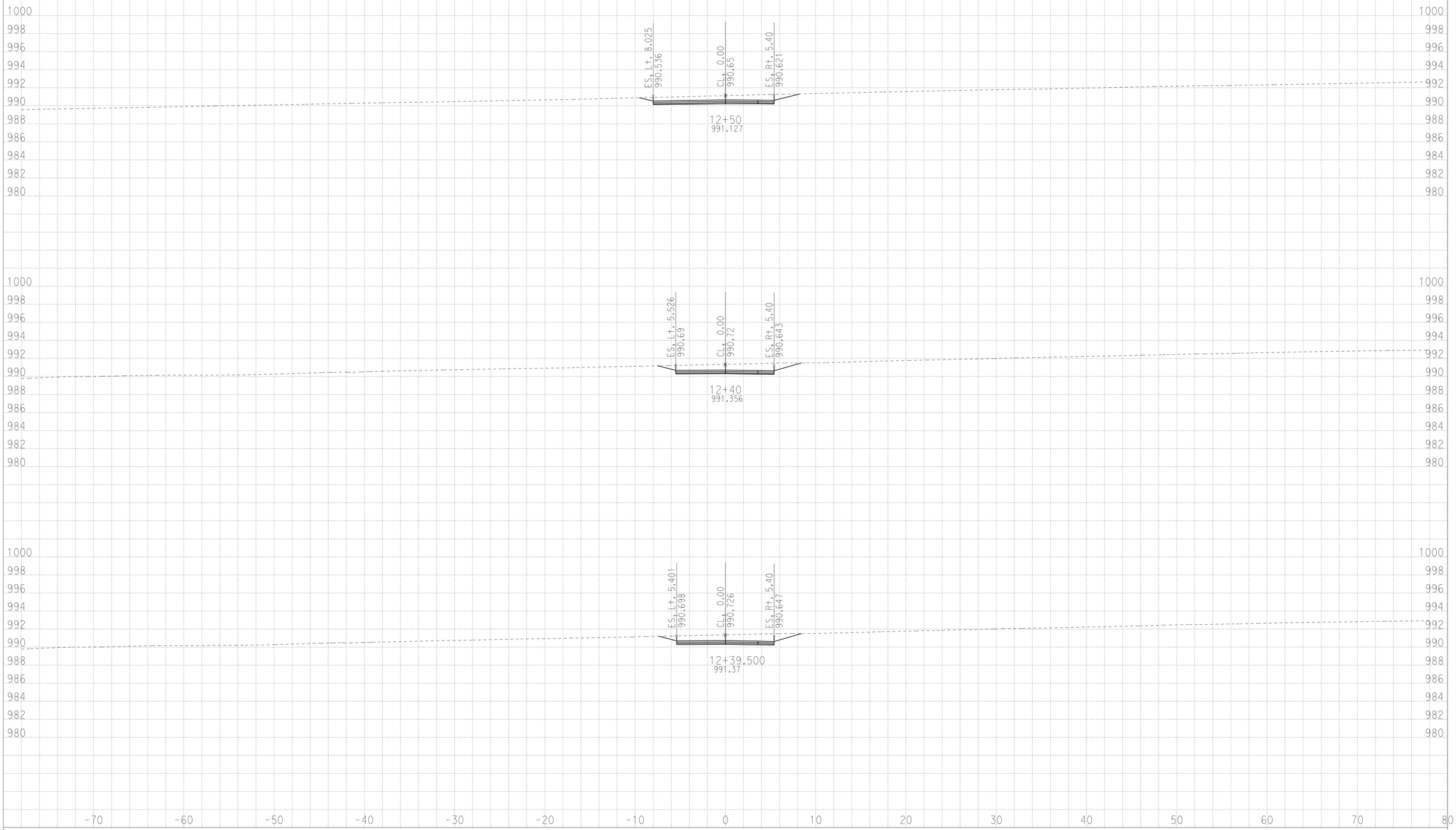

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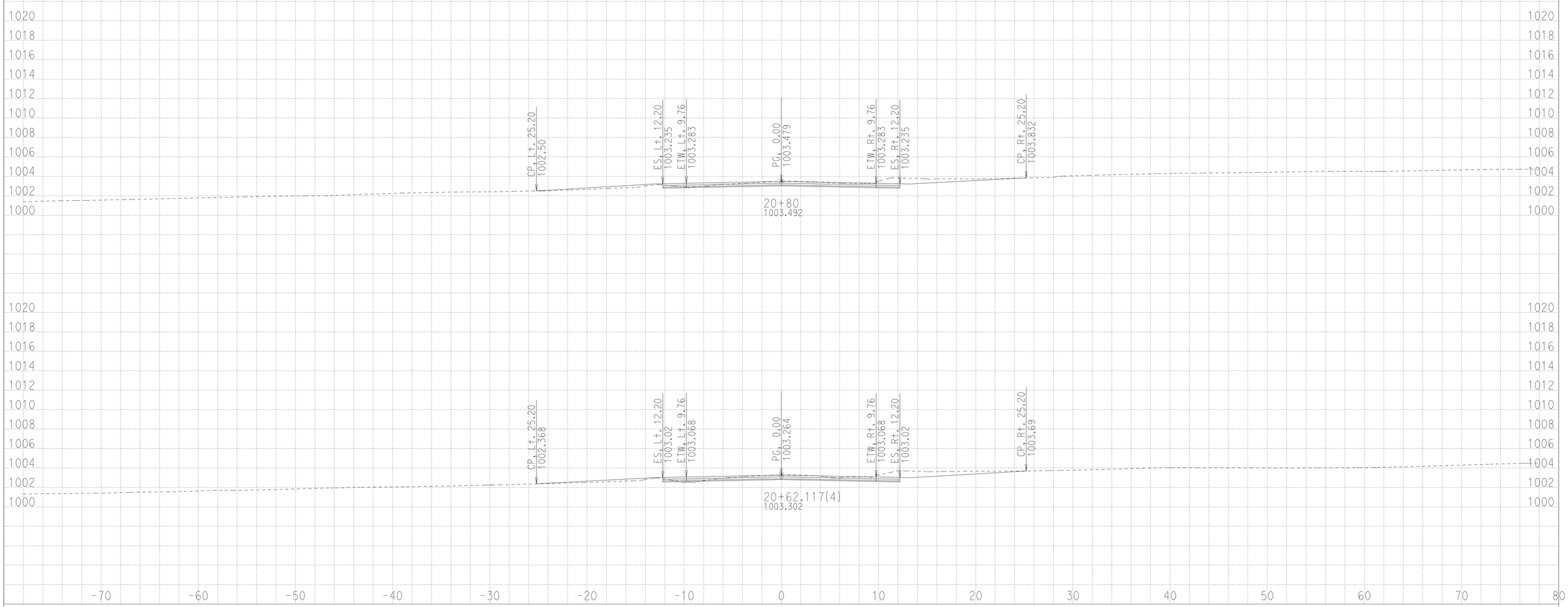
AVEW2
CROSS SECTIONS

SHEET 13 OF 18

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 6/4/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

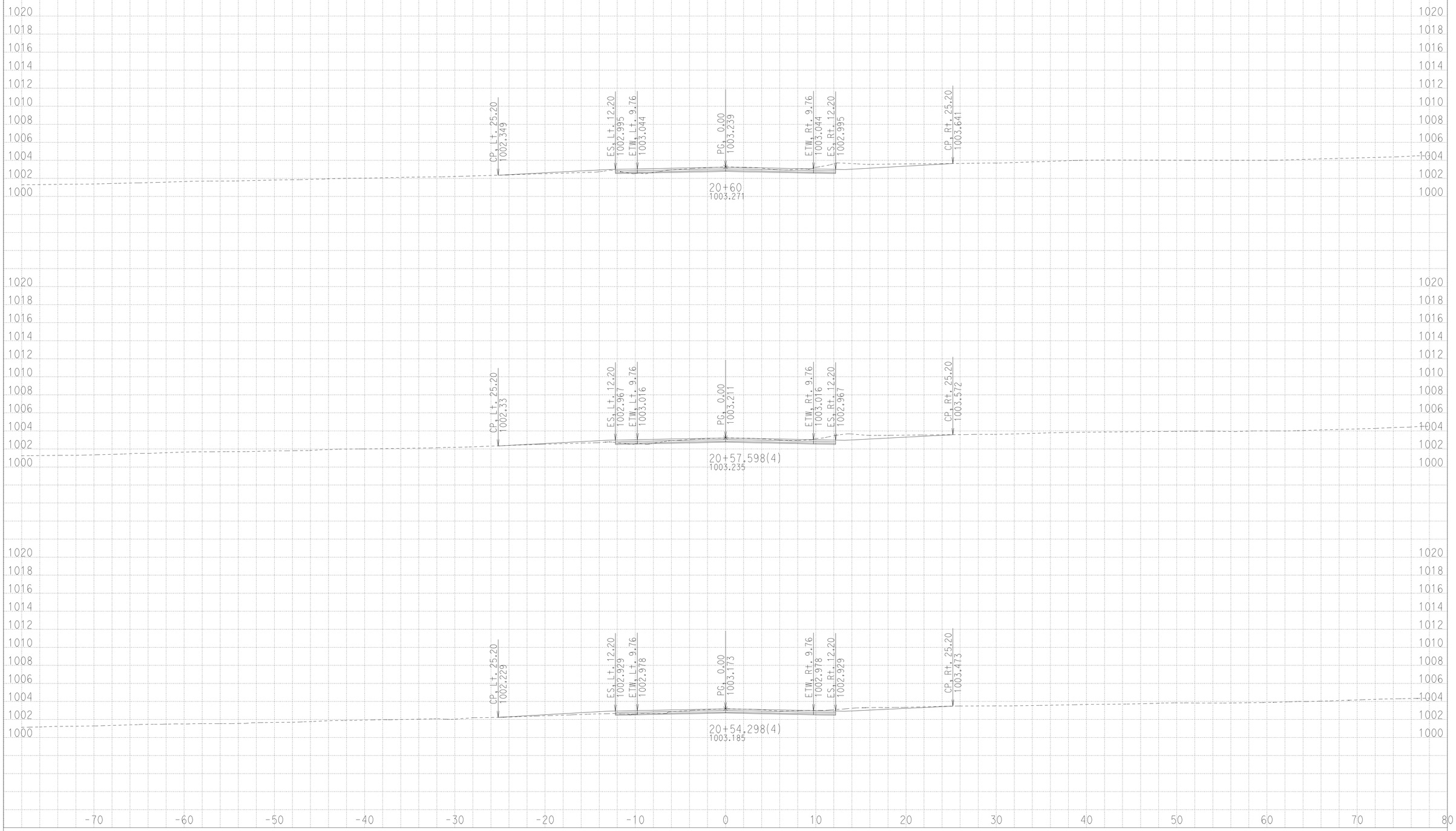
File: C:\Projects\SEG12\6-04-09dxs185th.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 5 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 6/4/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

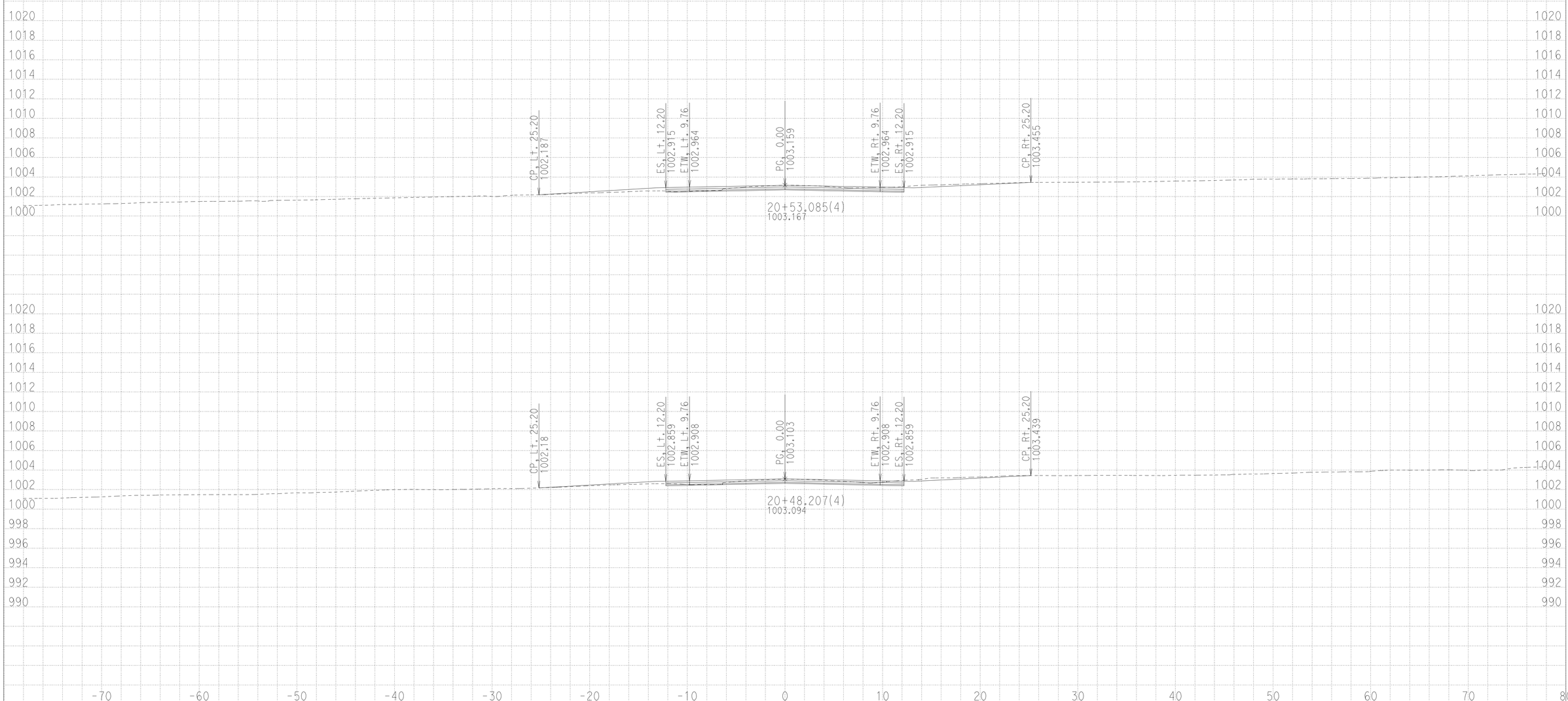
File: C:\Projects\SEG12\6-04-09dxs185th.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 4 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 6/4/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

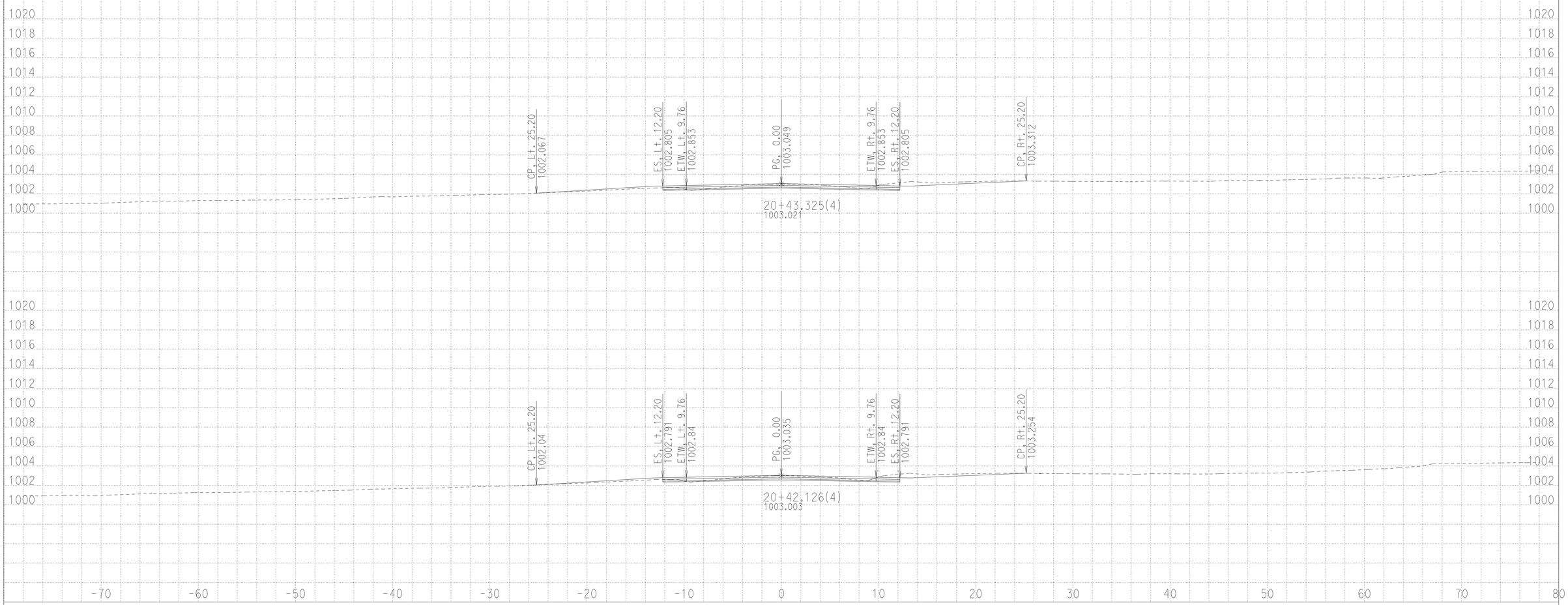
Scale Ratio: 1:200 Horiz.
1:200 Vert.

KC Project: SEG12 File: C:\Projects\SEG12\6-04-09dxs185th.ear

HAL1
CROSS SECTIONS

SHEET 3 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 6/4/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

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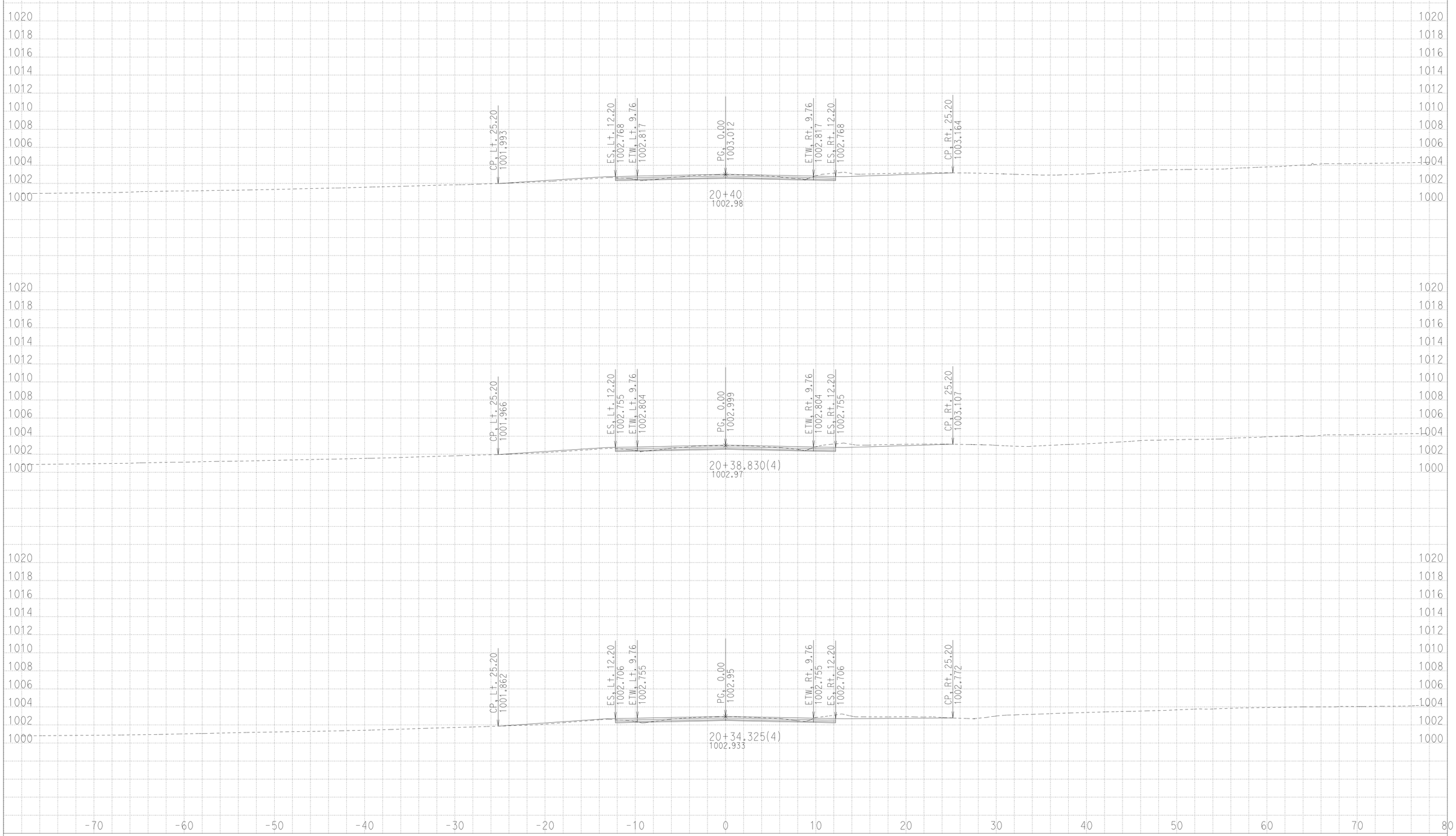
Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 2 OF XXX

DESIGN STUDY ONLY



CREATED BY: B. Phan

DATE: 6/4/2009

ALL DIMENSIONS ARE METRIC

PROJECT ID: Route

KC Project: SEG12

File: C:\Projects\SEG12\6-04-09dxs185th.ear

Scale Ratio: 1:200 Horiz.
1:200 Vert.

HAL1
CROSS SECTIONS

SHEET 1 OF XXX