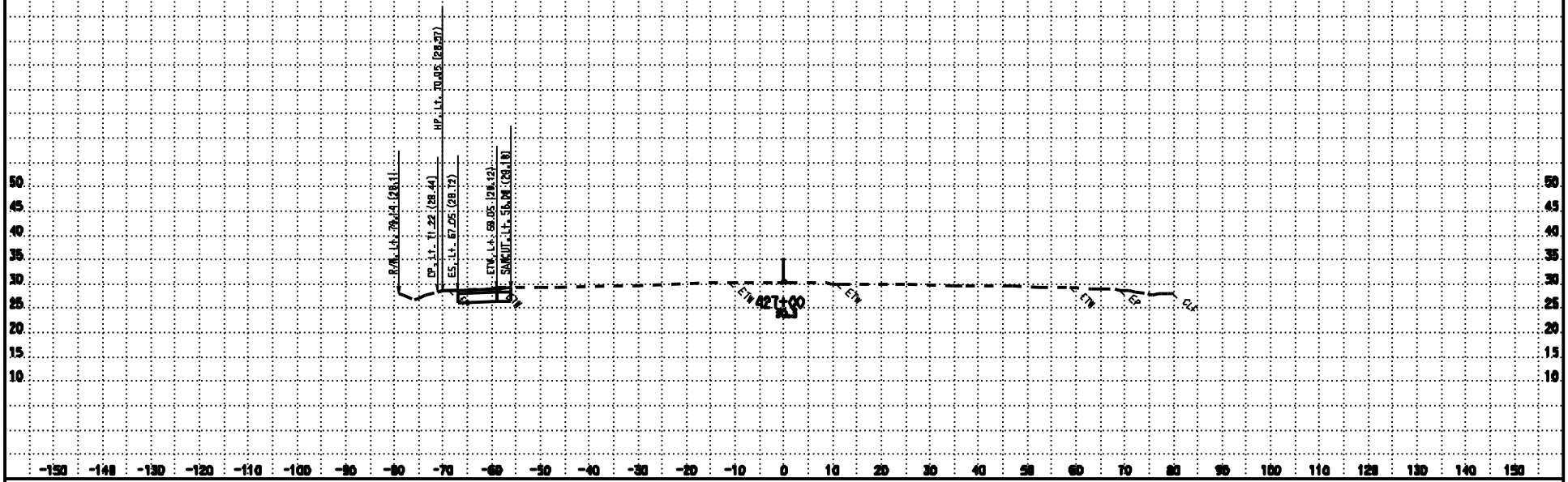
FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

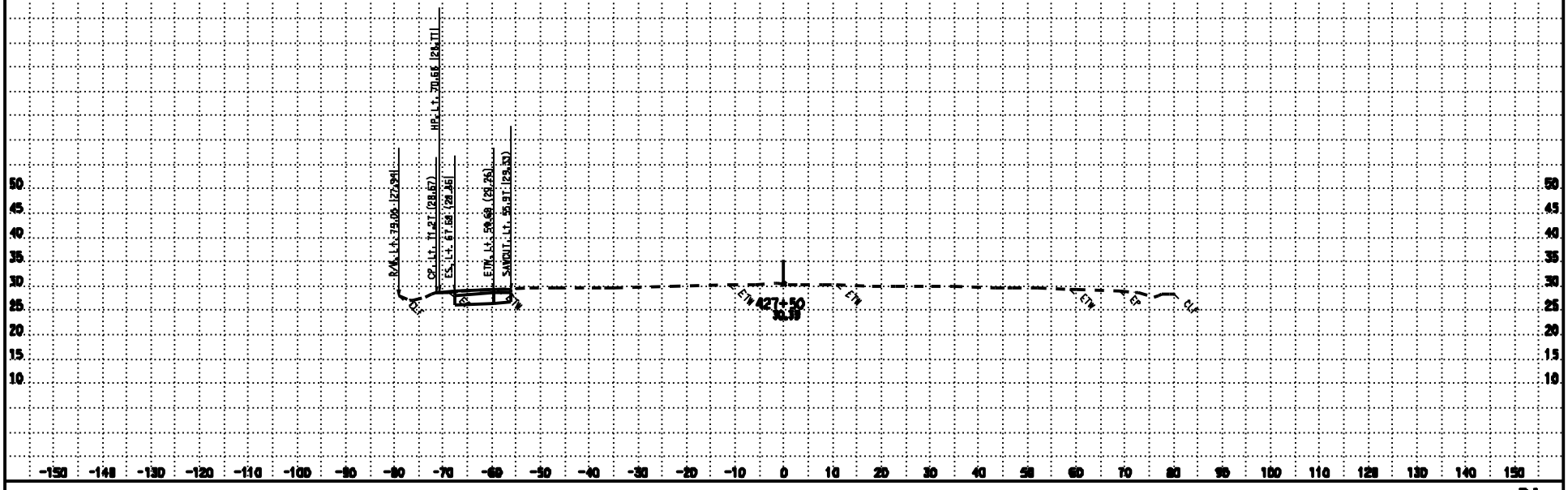
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 1 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 071154

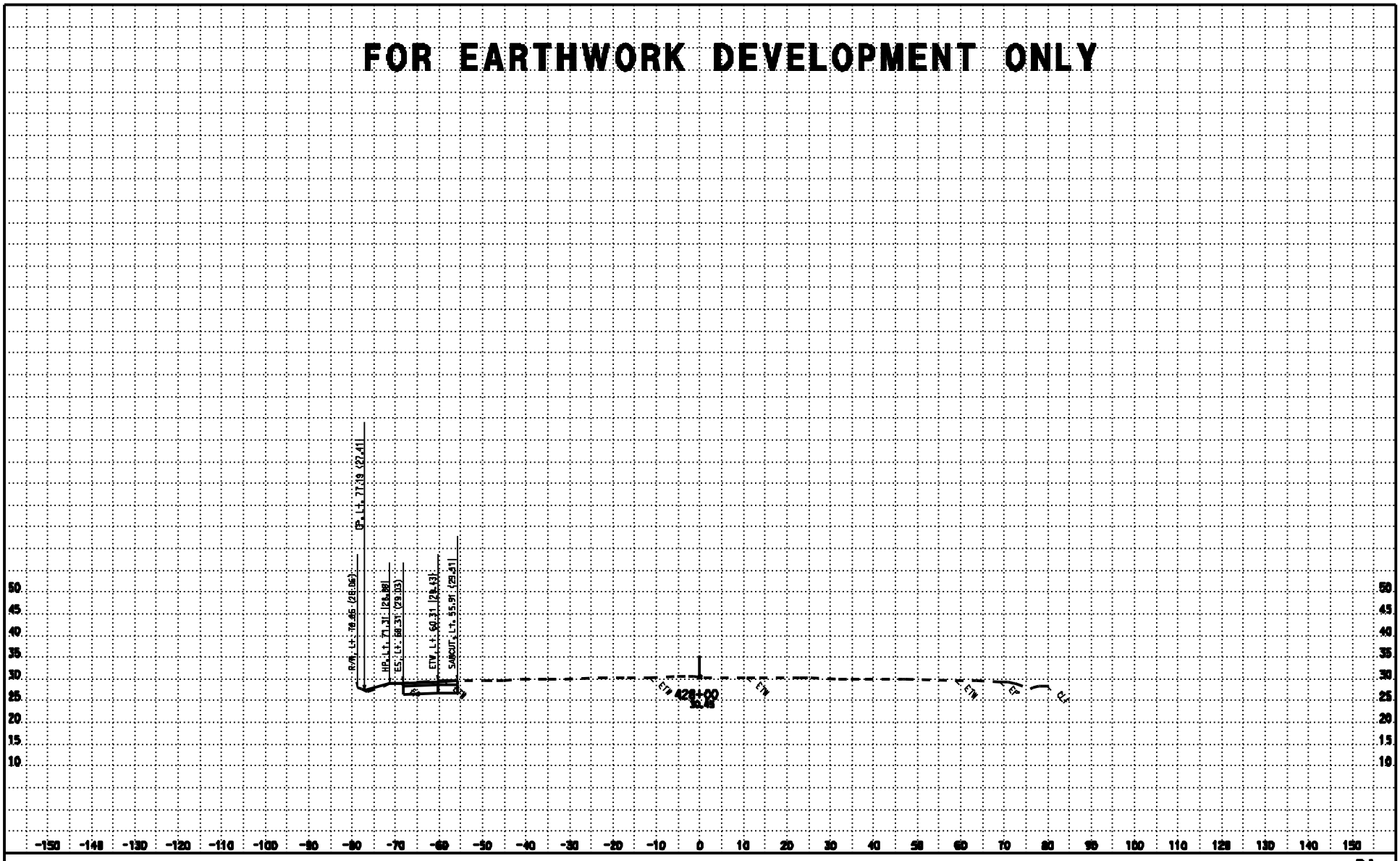
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\071154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 2 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



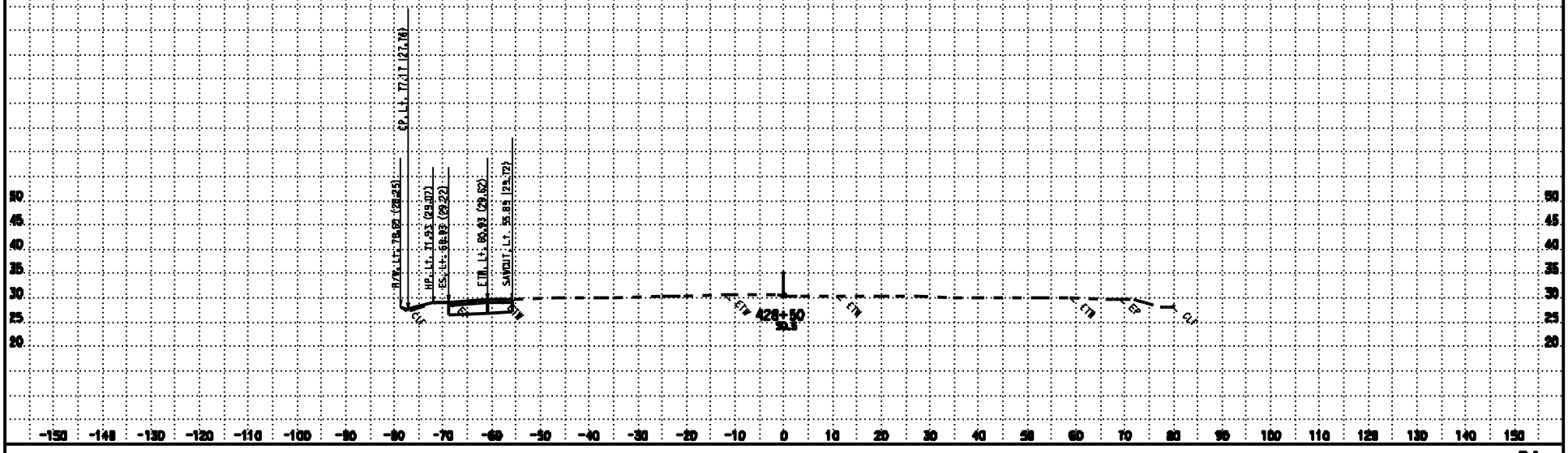
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 3 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
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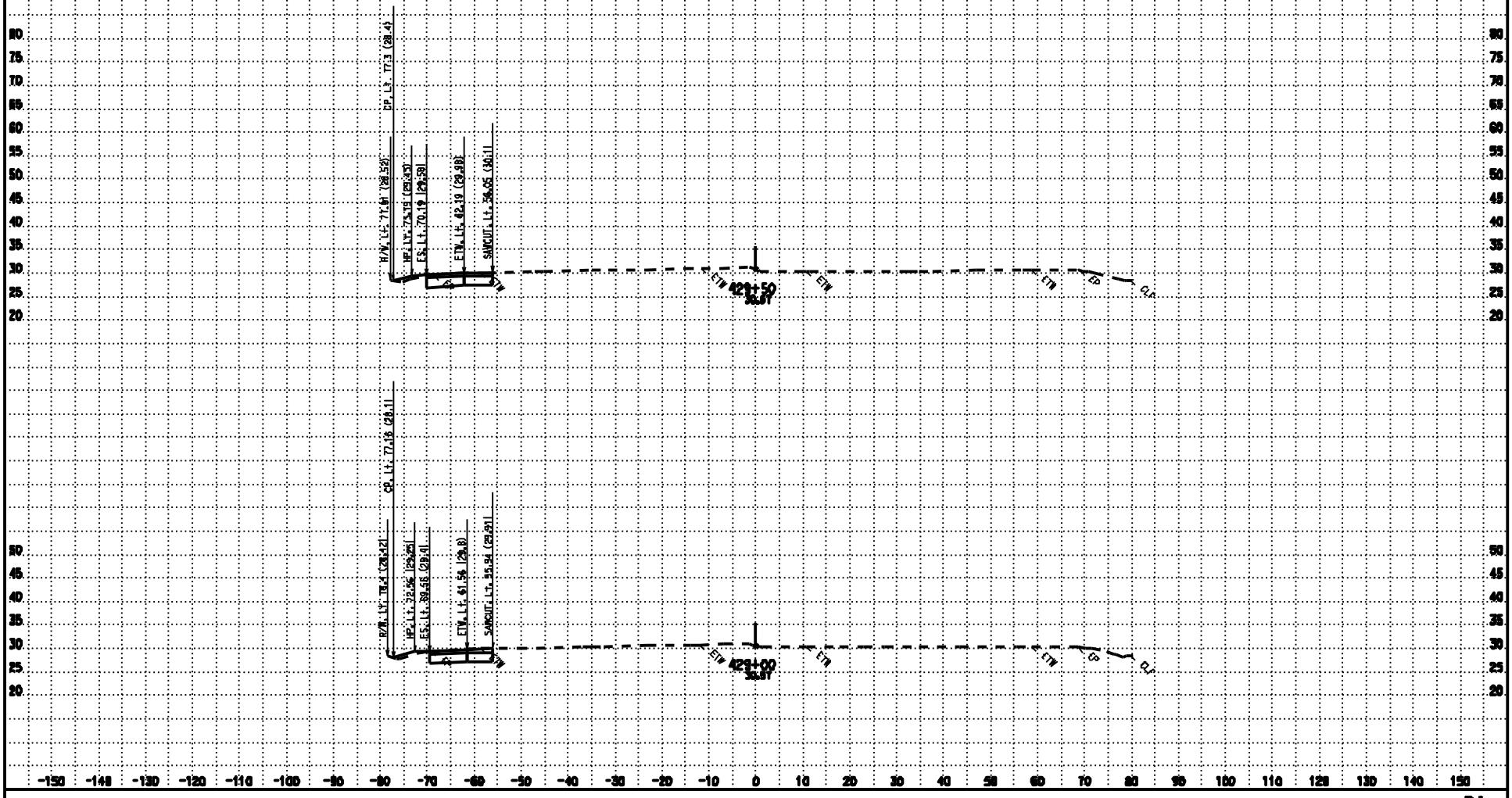
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 4 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009

KC Project: 071154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\071154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

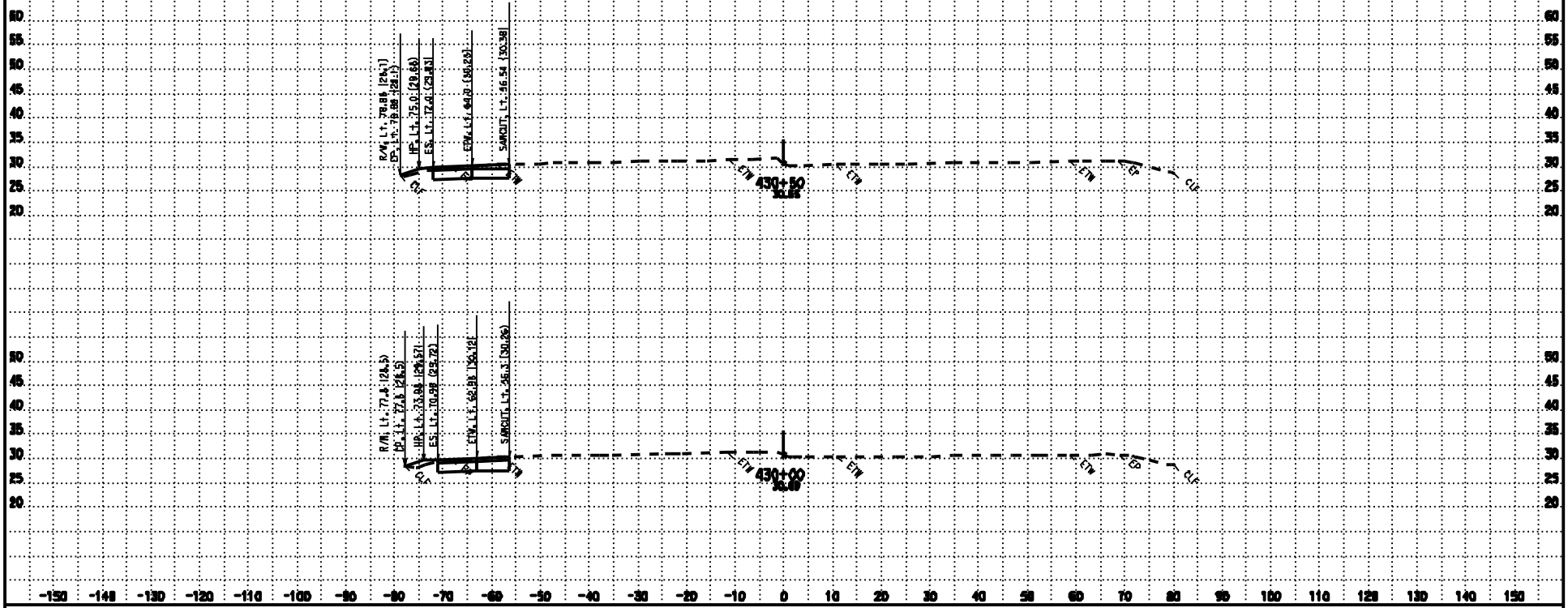
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 5 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



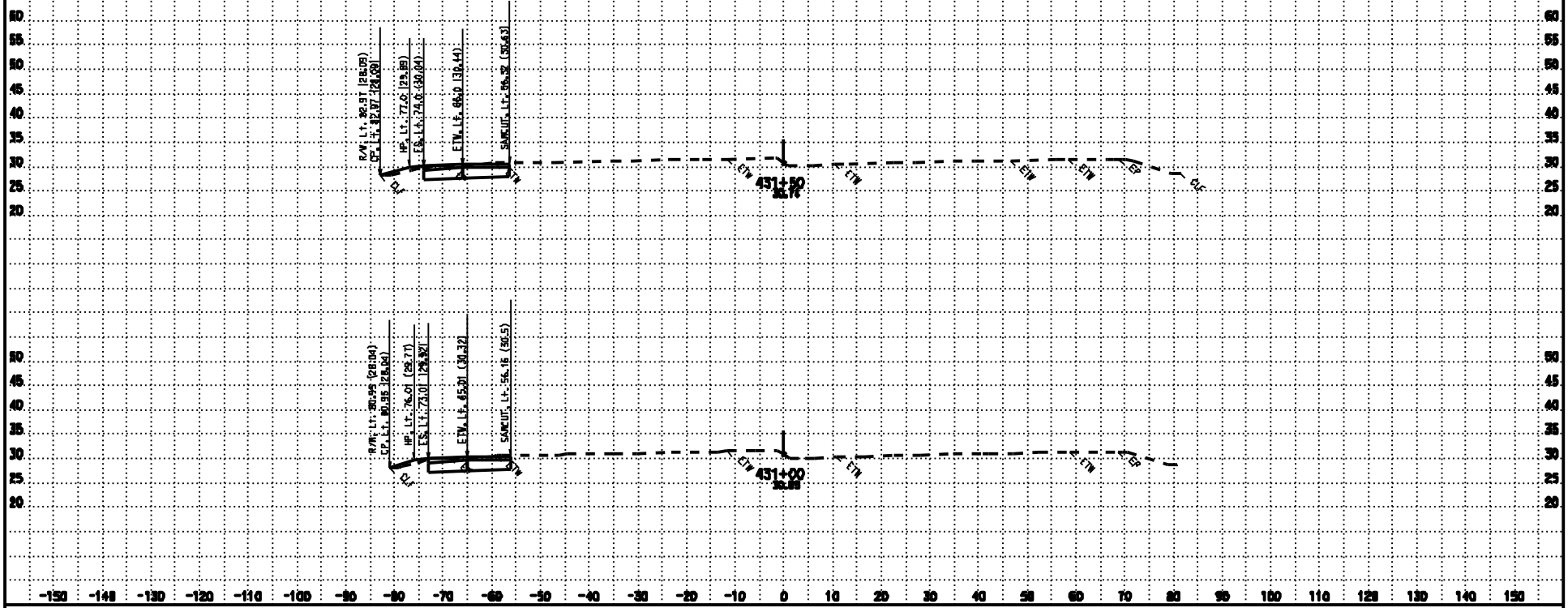
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 6 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



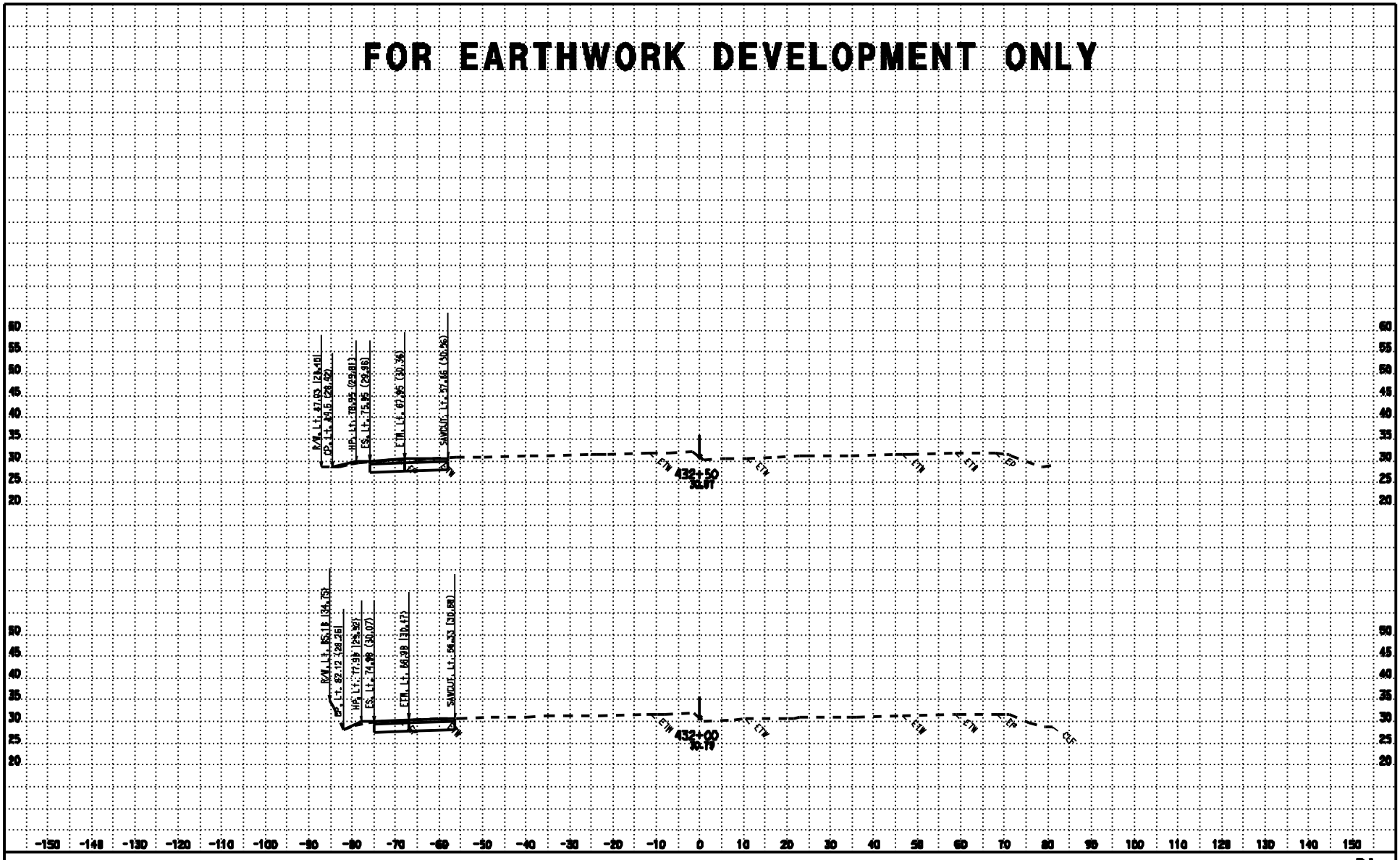
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 7 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

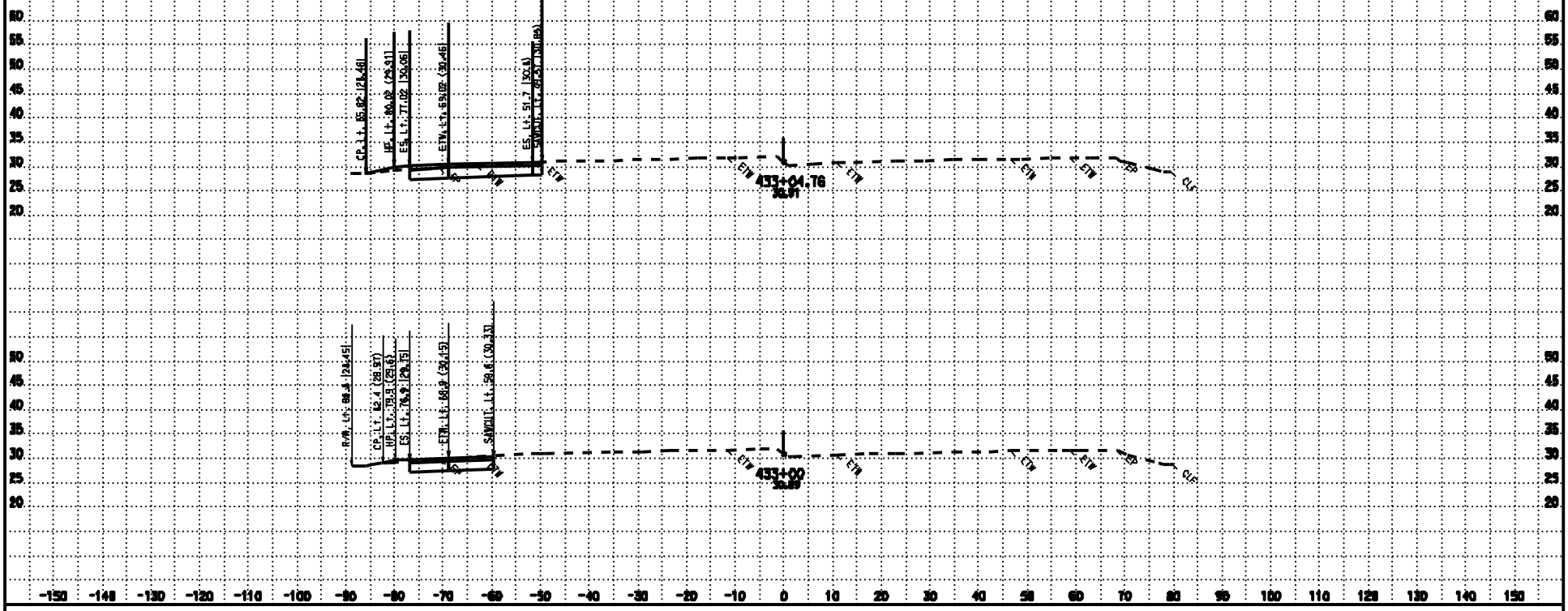
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 8 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

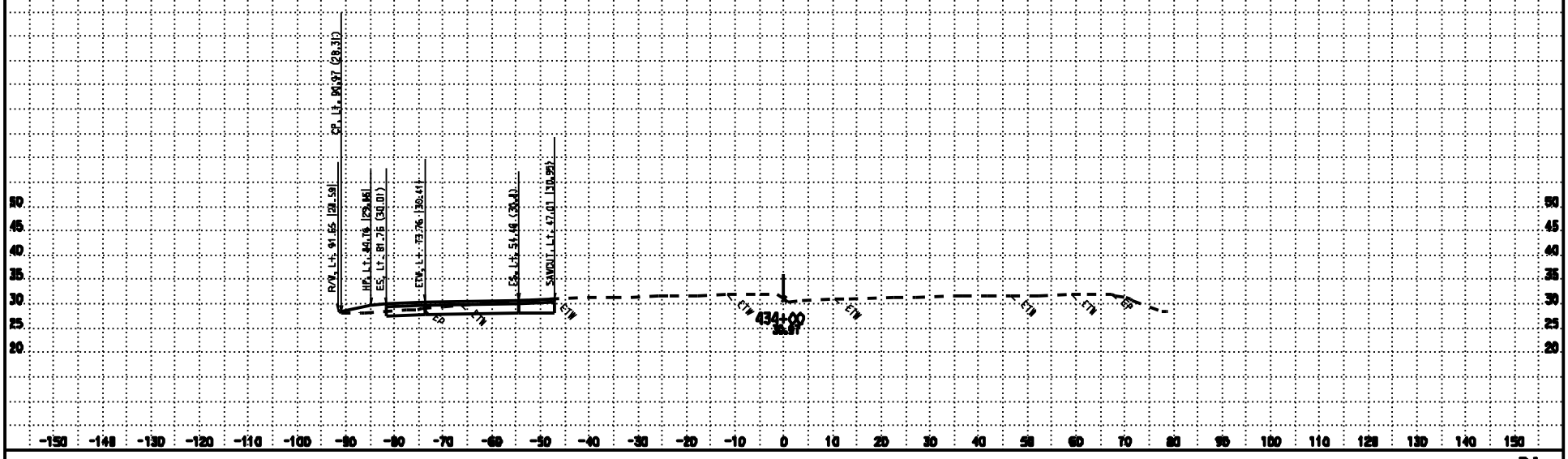
B4
CROSS SECTIONS
SHEET 9 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

CONTRACT: 3E3901
DATE: 11/10/2009 DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
SCALE: 1" = 10' Horiz. 1" = 10' Vert.
KC Project: 07154 File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ecr\b4_design.ecr
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 10 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



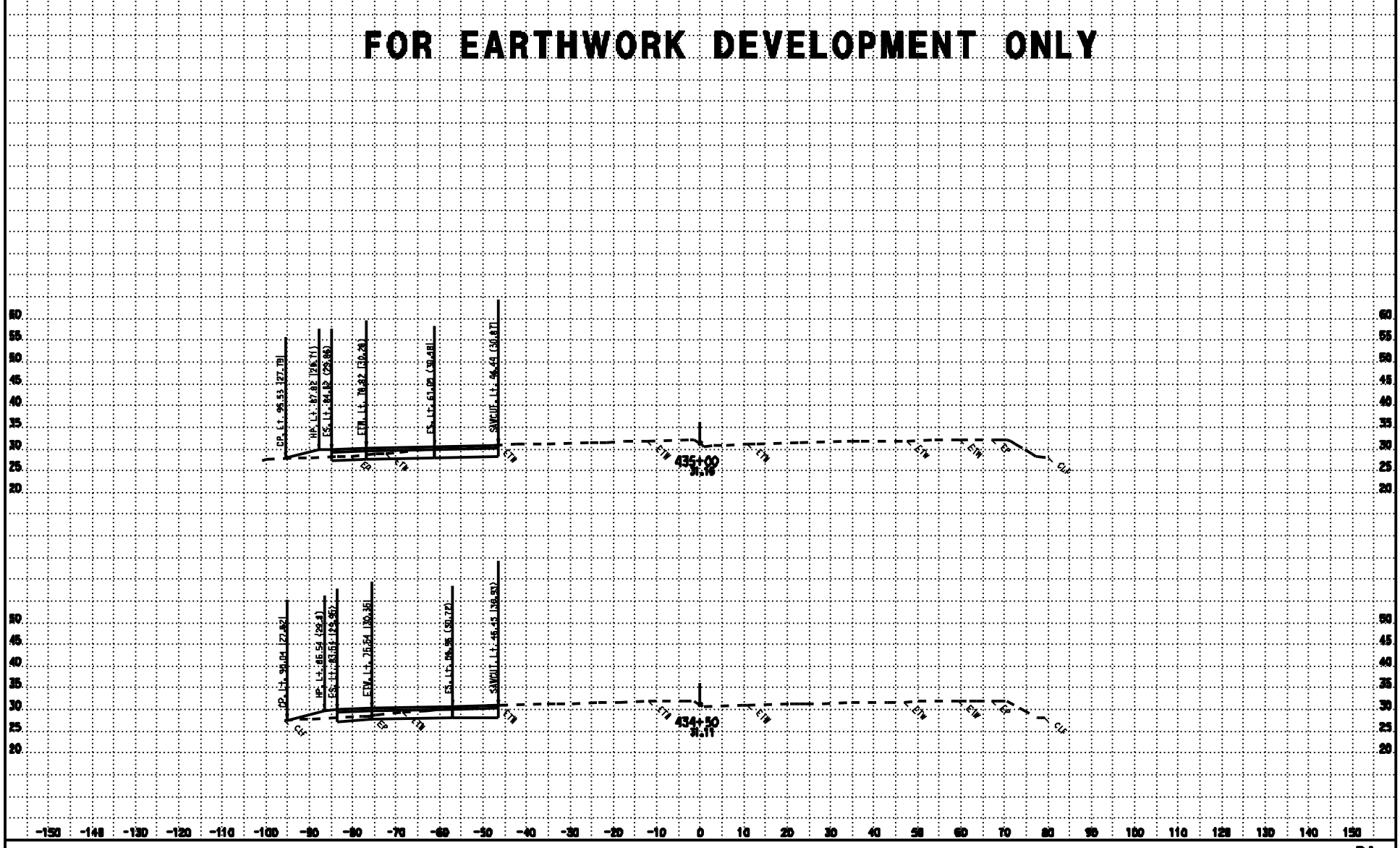
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 11 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
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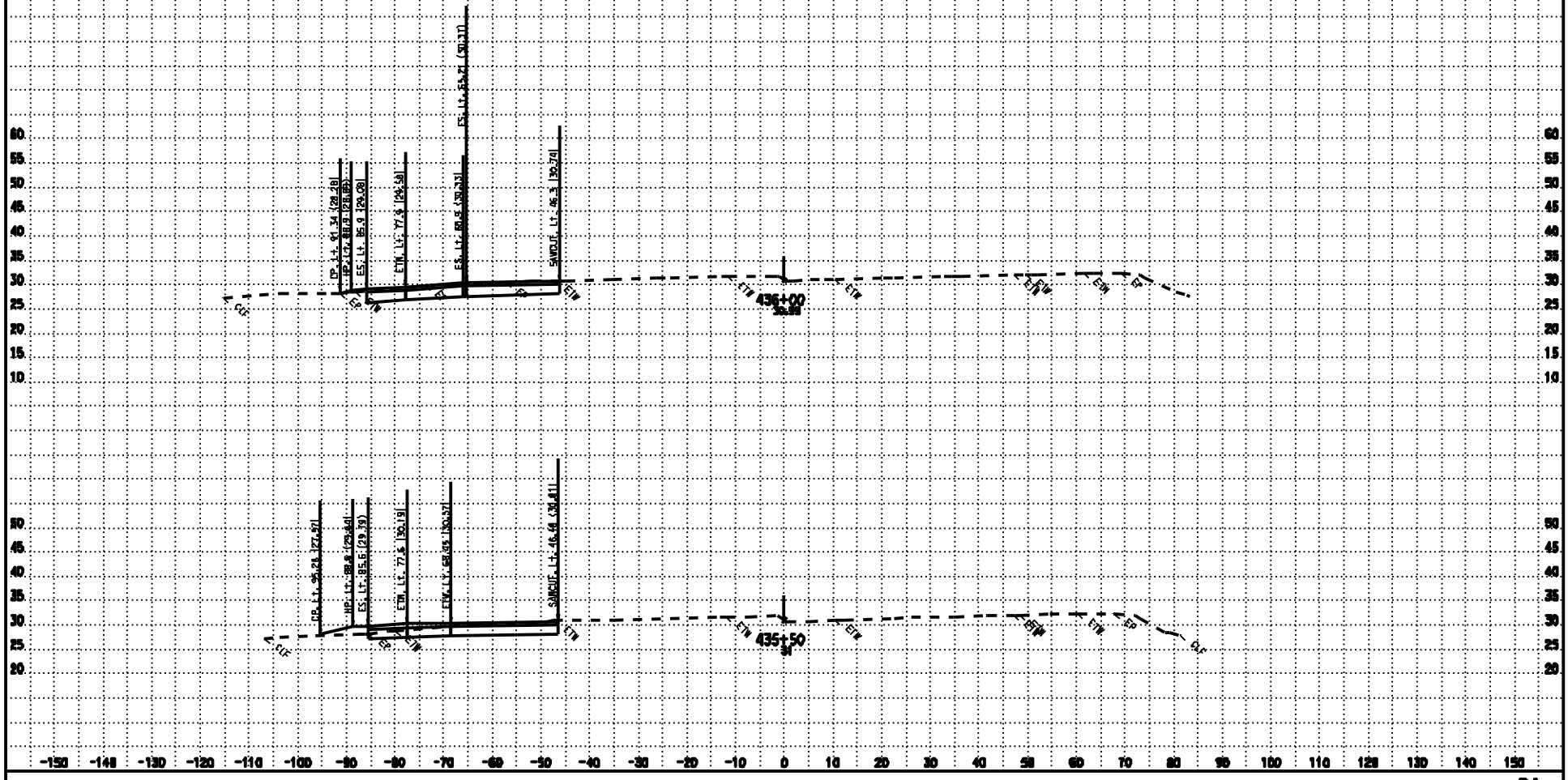
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

04
CROSS SECTIONS
SHEET 12 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



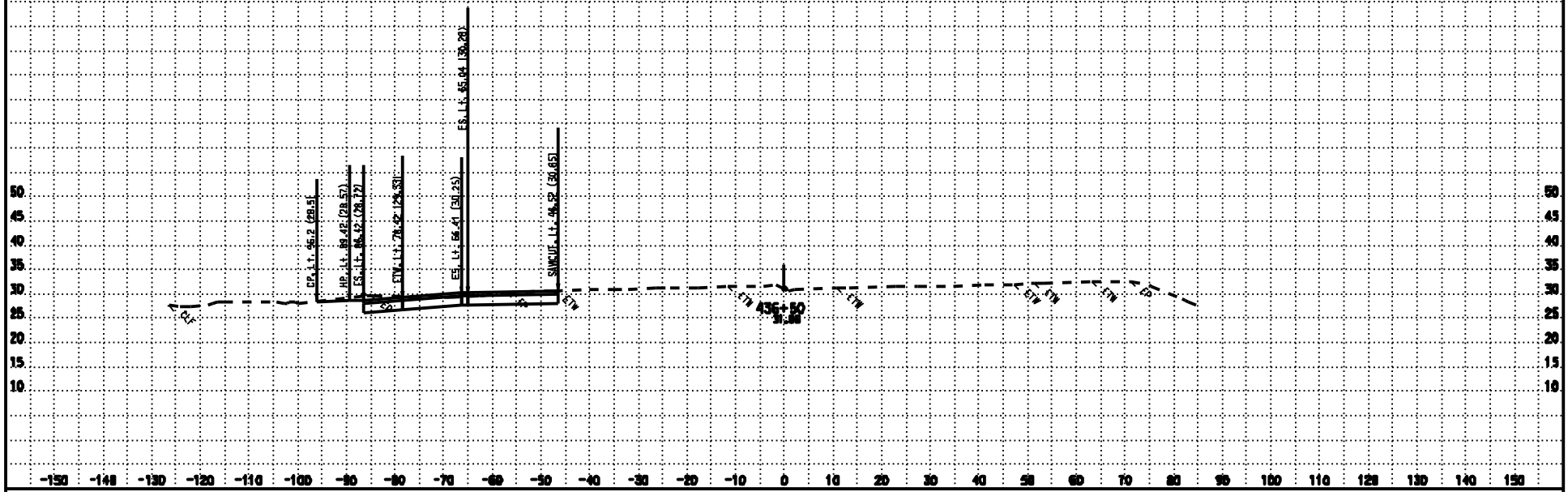
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 13 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



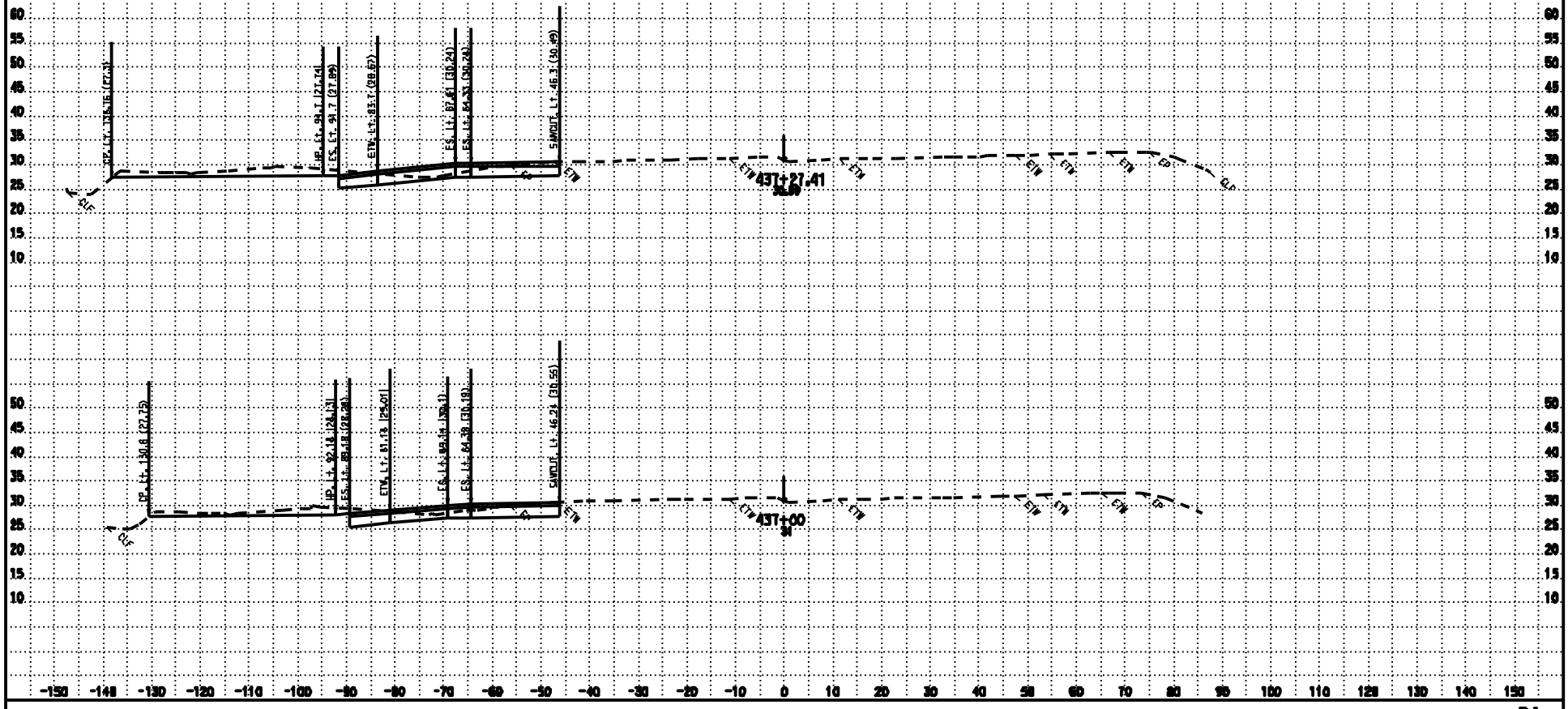
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 14 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



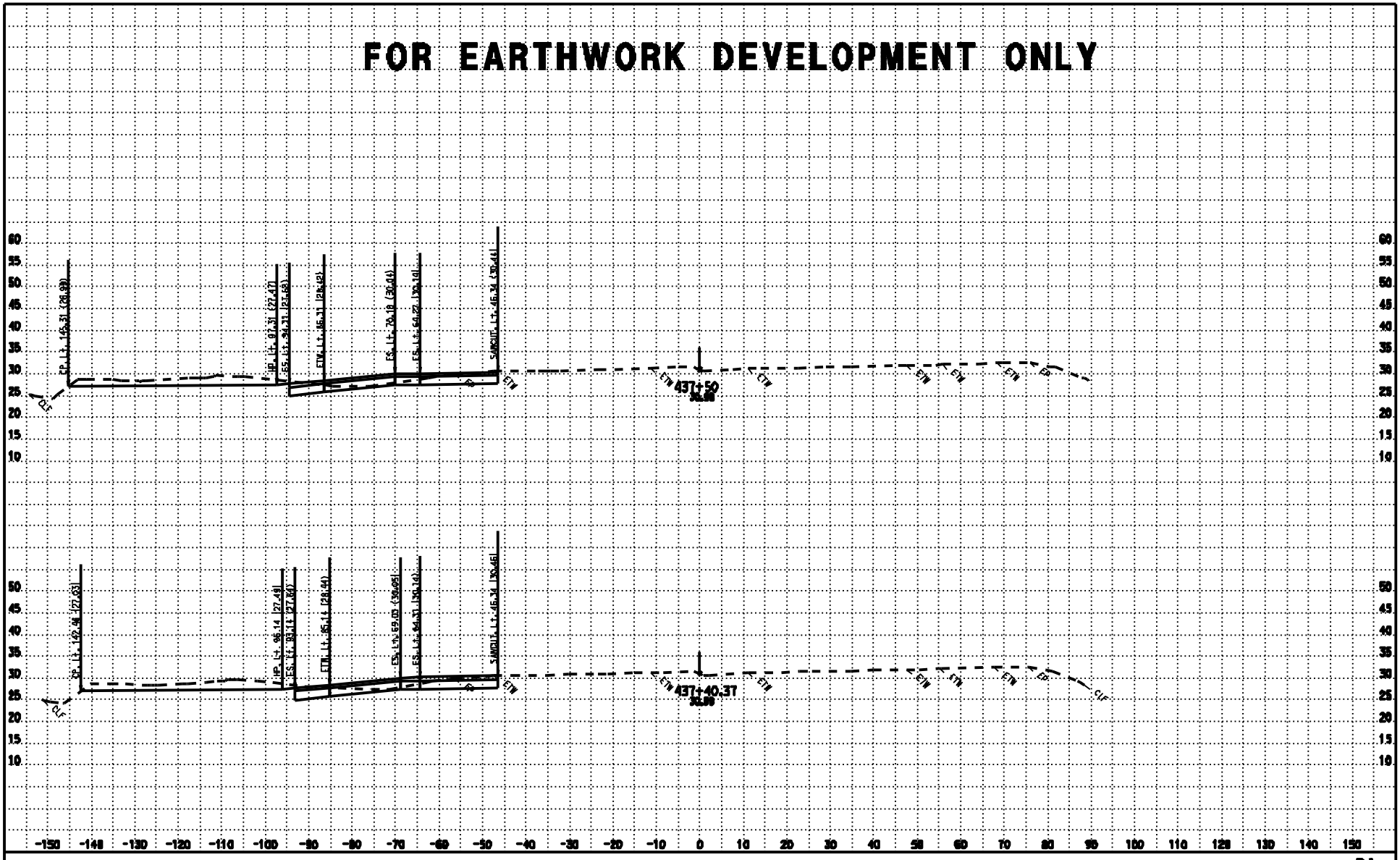
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 15 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



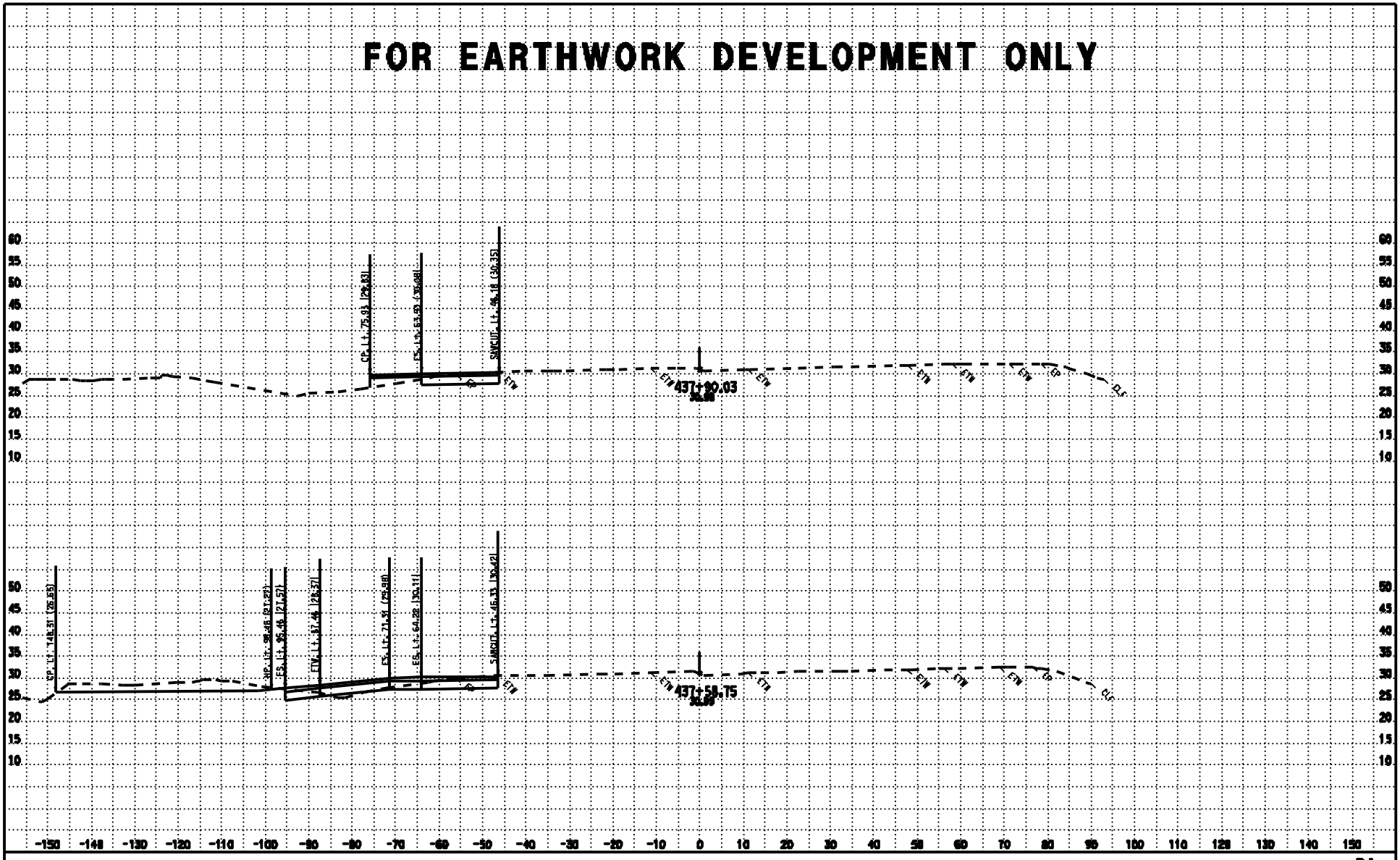
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 16 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

DATE: 11/18/2009
KC Project: 07154
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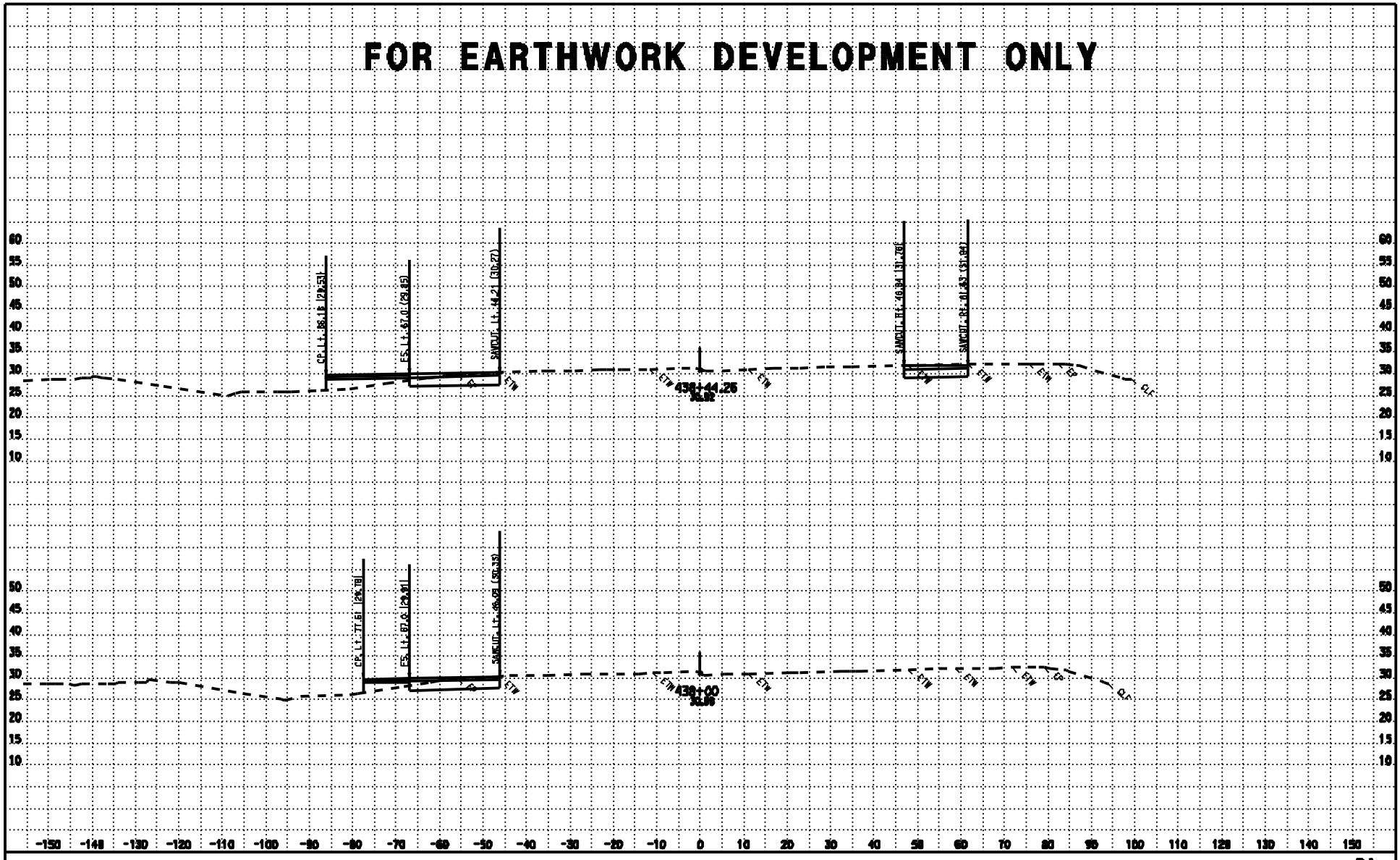
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 17 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 5E390I

DATE: 11/10/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

B4
CROSS SECTIONS

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 18 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

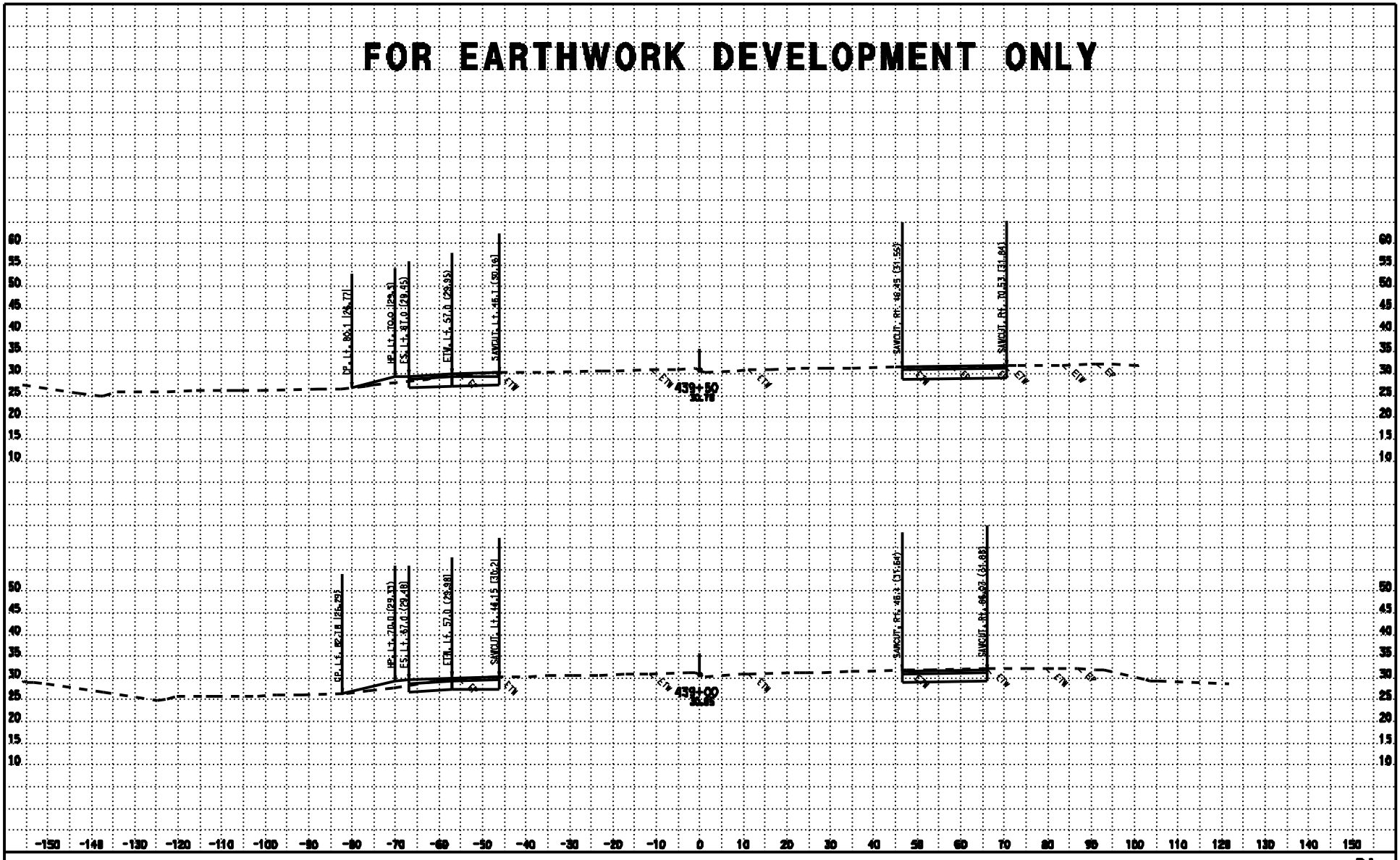
DATE: 11/10/2009
KC Project: 07154
File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E39D1
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 19 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

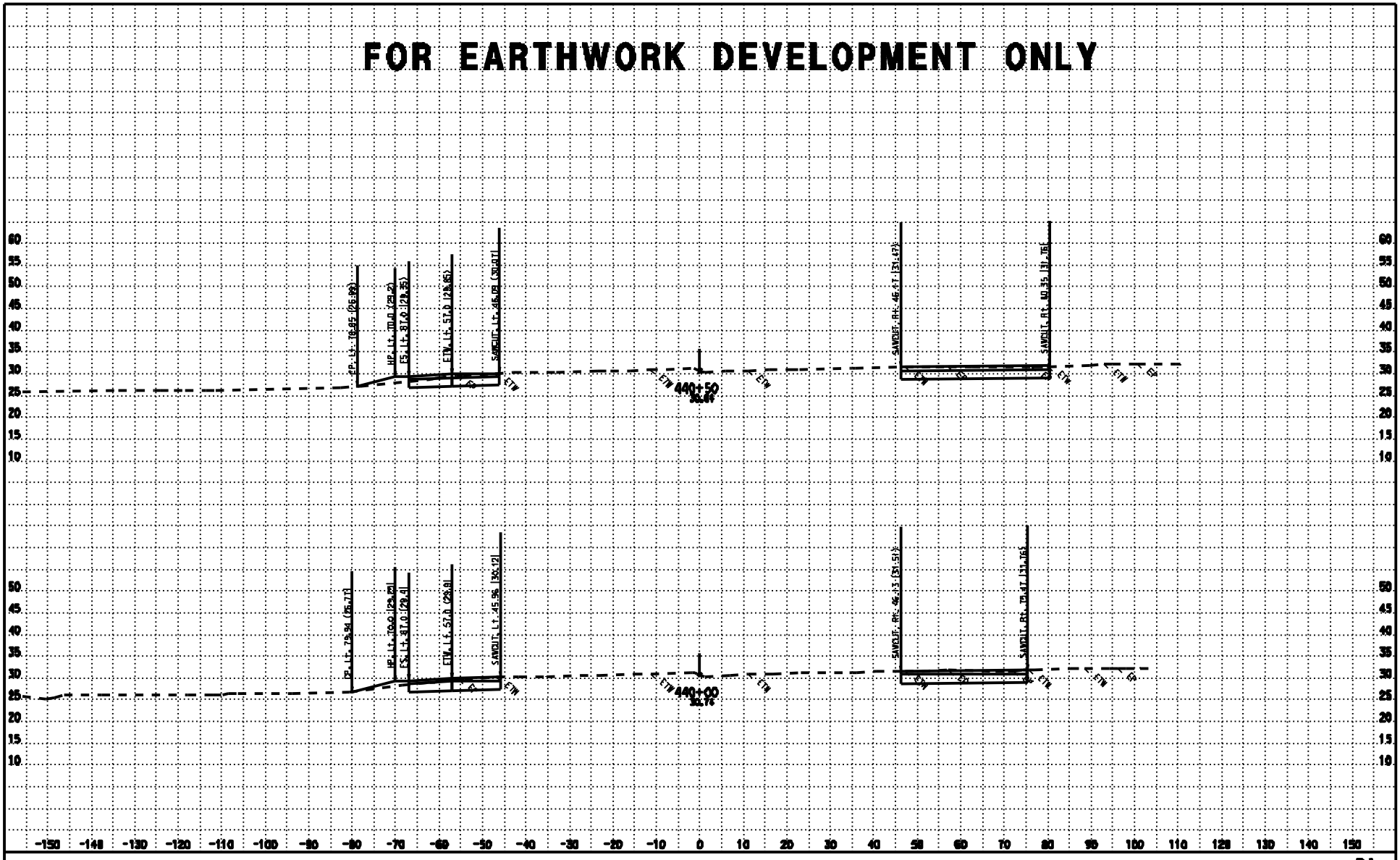
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 20 OF 38

FOR EARTHWORK DEVELOPMENT ONLY



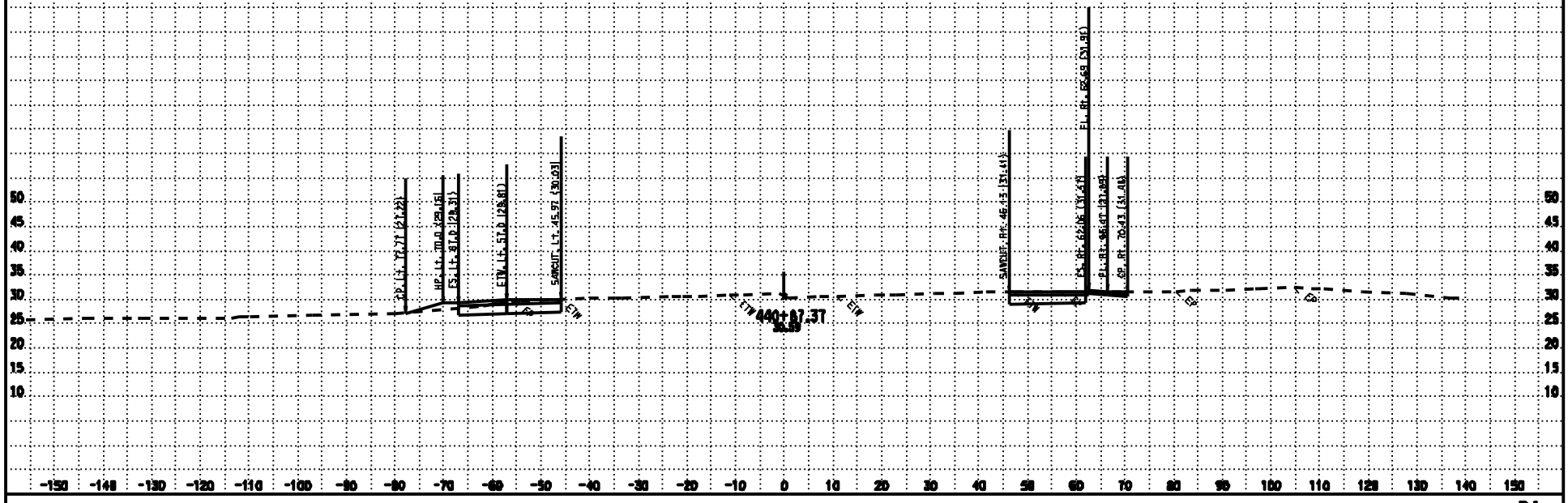
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 21 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

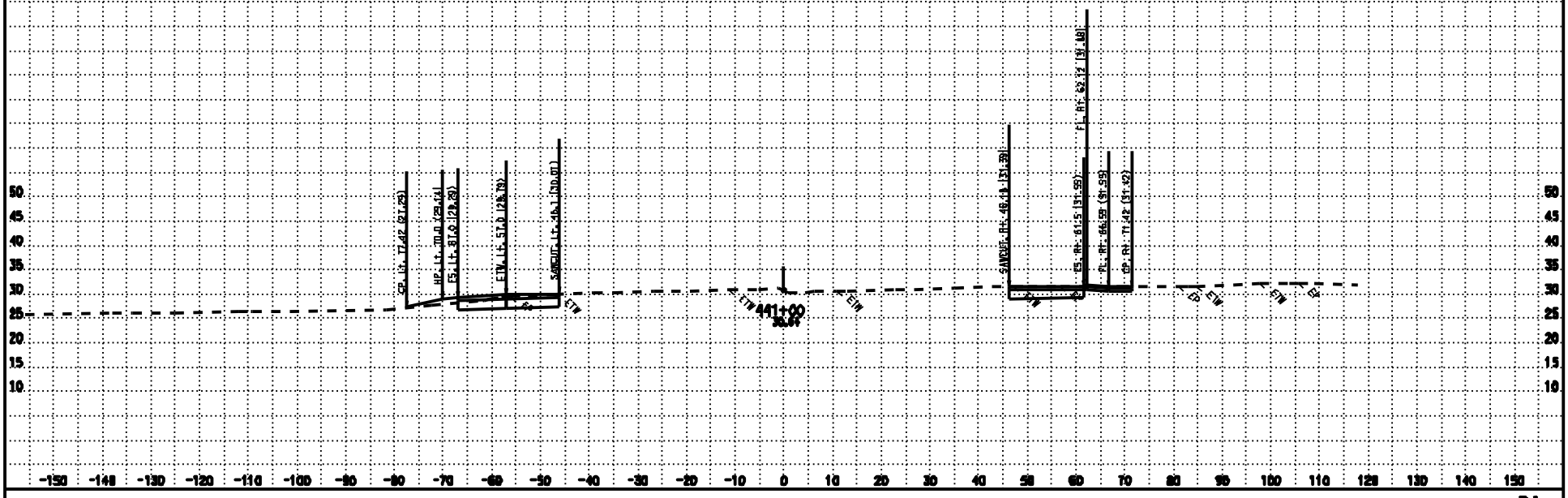
B4
CROSS SECTIONS

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 22 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

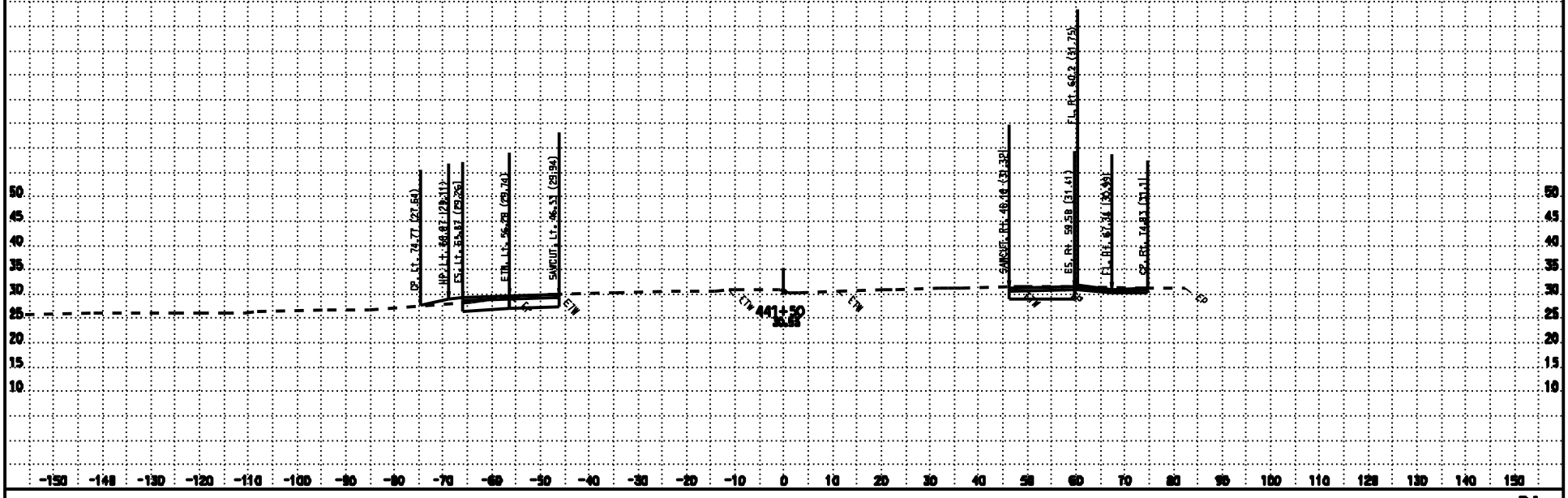
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 23 OF 38

DATE: 11/19/2009
KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154

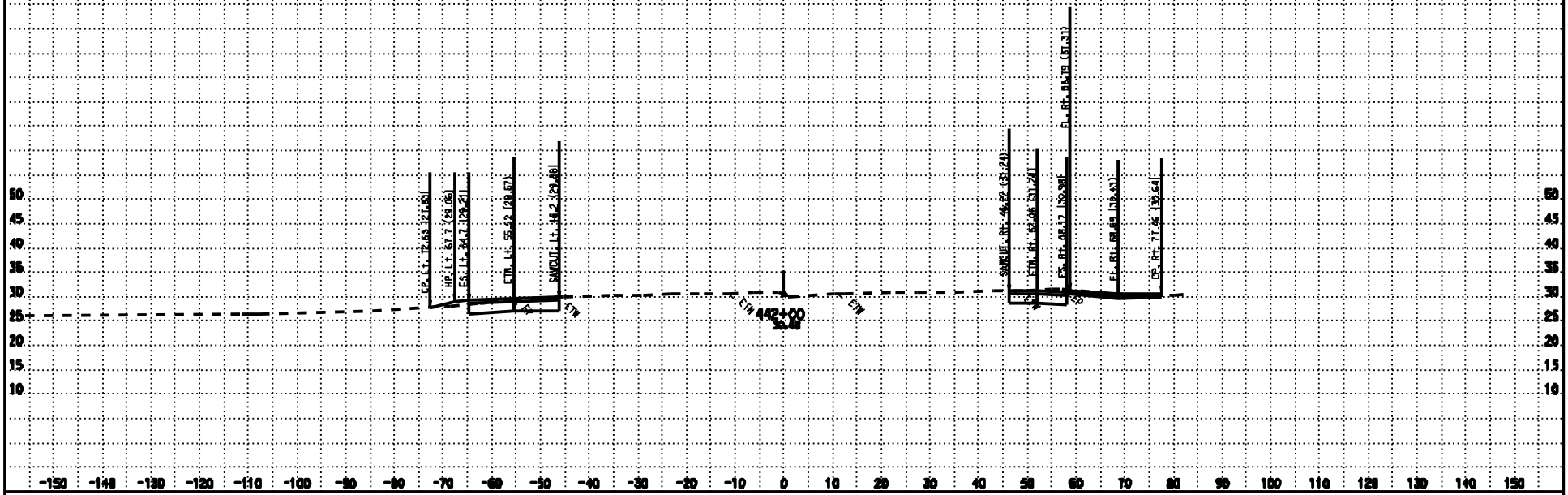
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 24 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

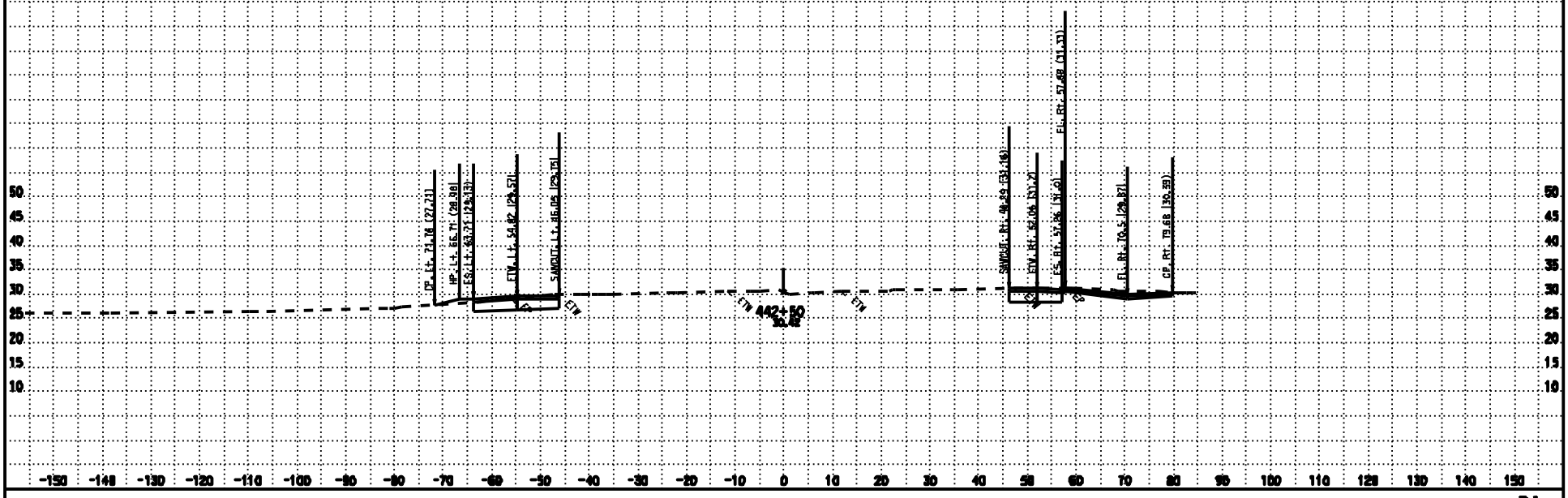
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 25 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear
SCALE: 1" = 10' Horiz. 1" = 10' Vert.
All Dimensions are US Survey Feet
B4
CROSS SECTIONS
SHEET 26 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

CONTRACT: 3E3901

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

DATE: 11/10/2009

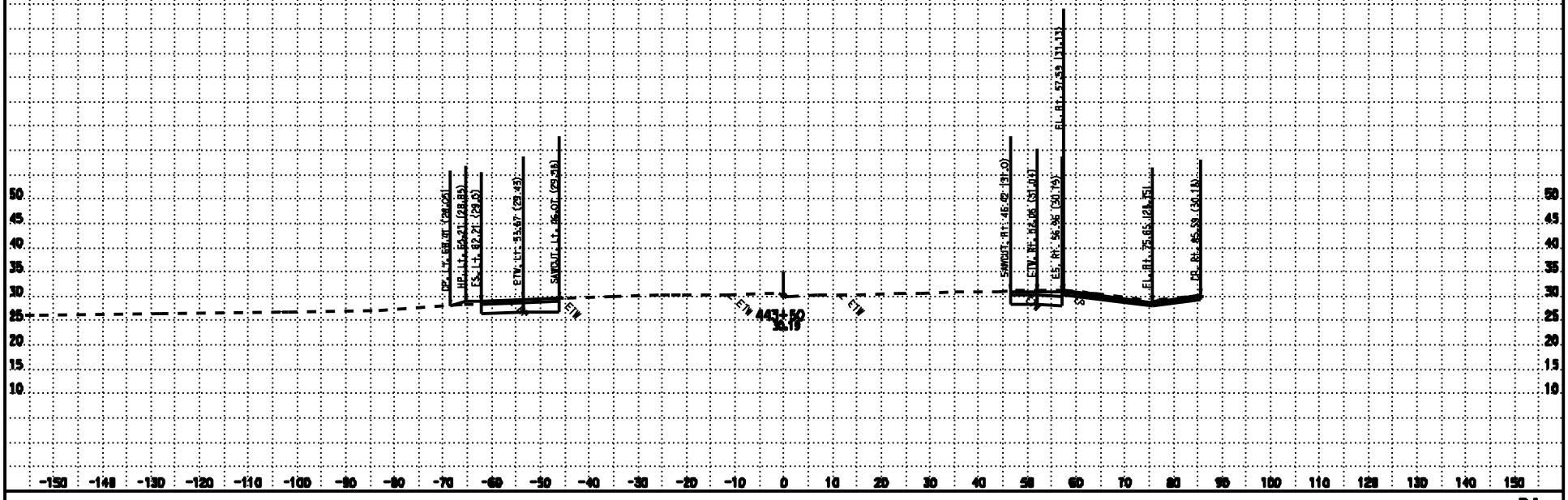
KC Project: 07154 File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 27 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 071154

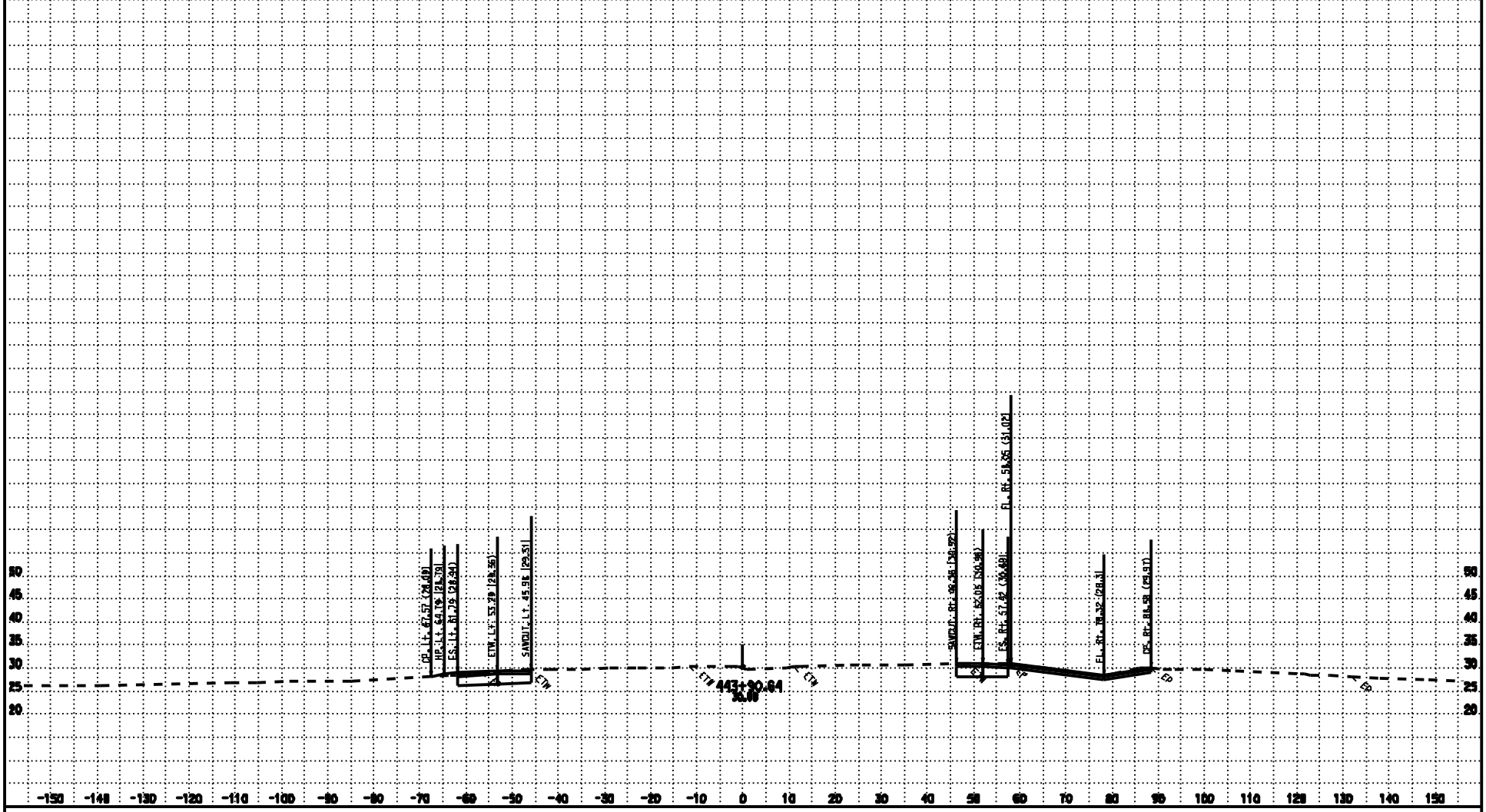
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\071154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 28 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 5E390I

DATE: 11/10/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

B4

CROSS SECTIONS

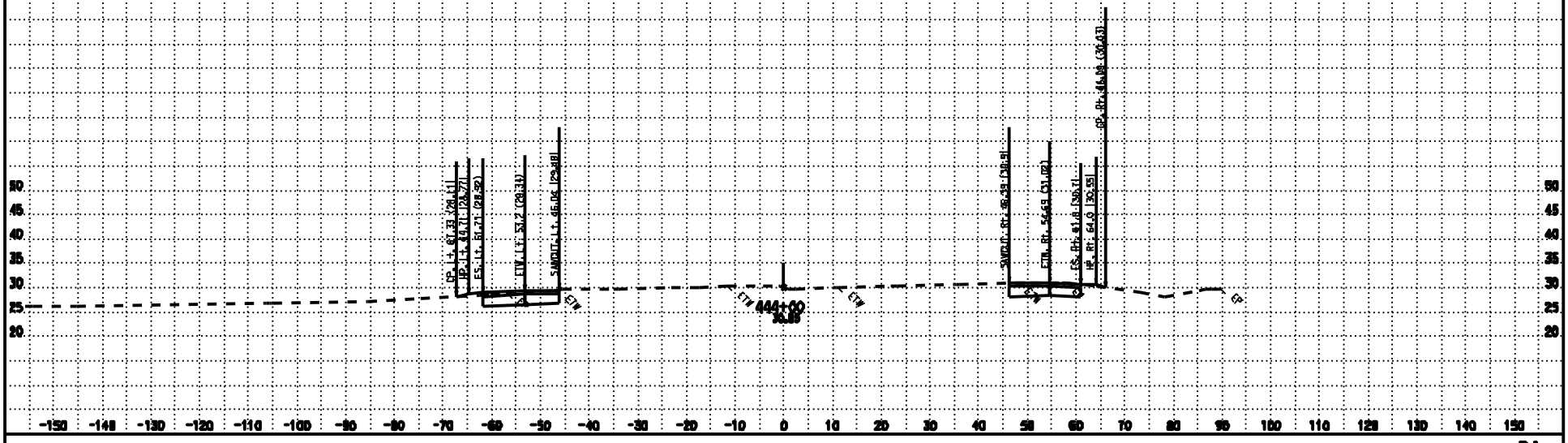
KC Project: 07154

File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 29 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 11/19/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

B4

CROSS SECTIONS

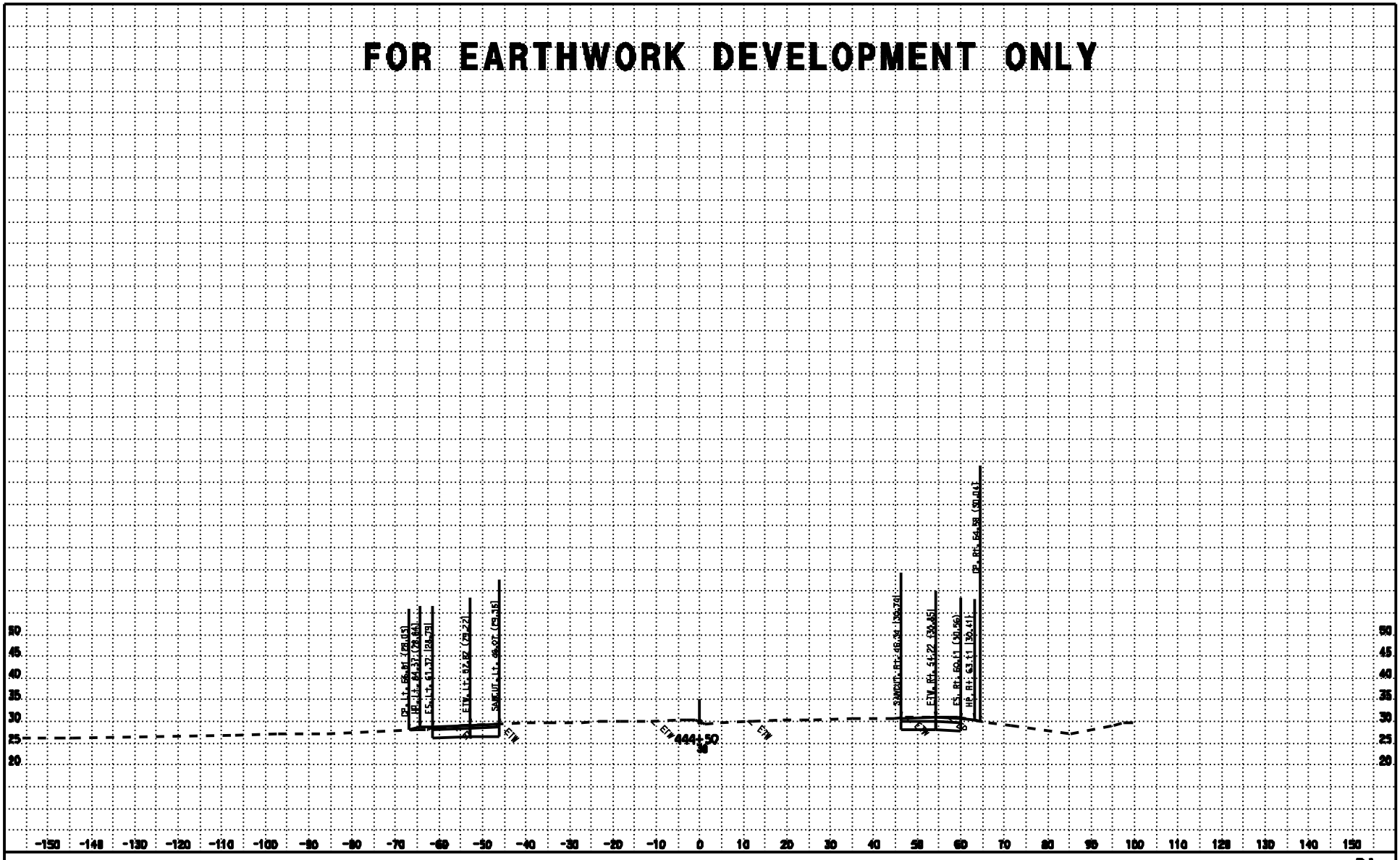
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 30 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



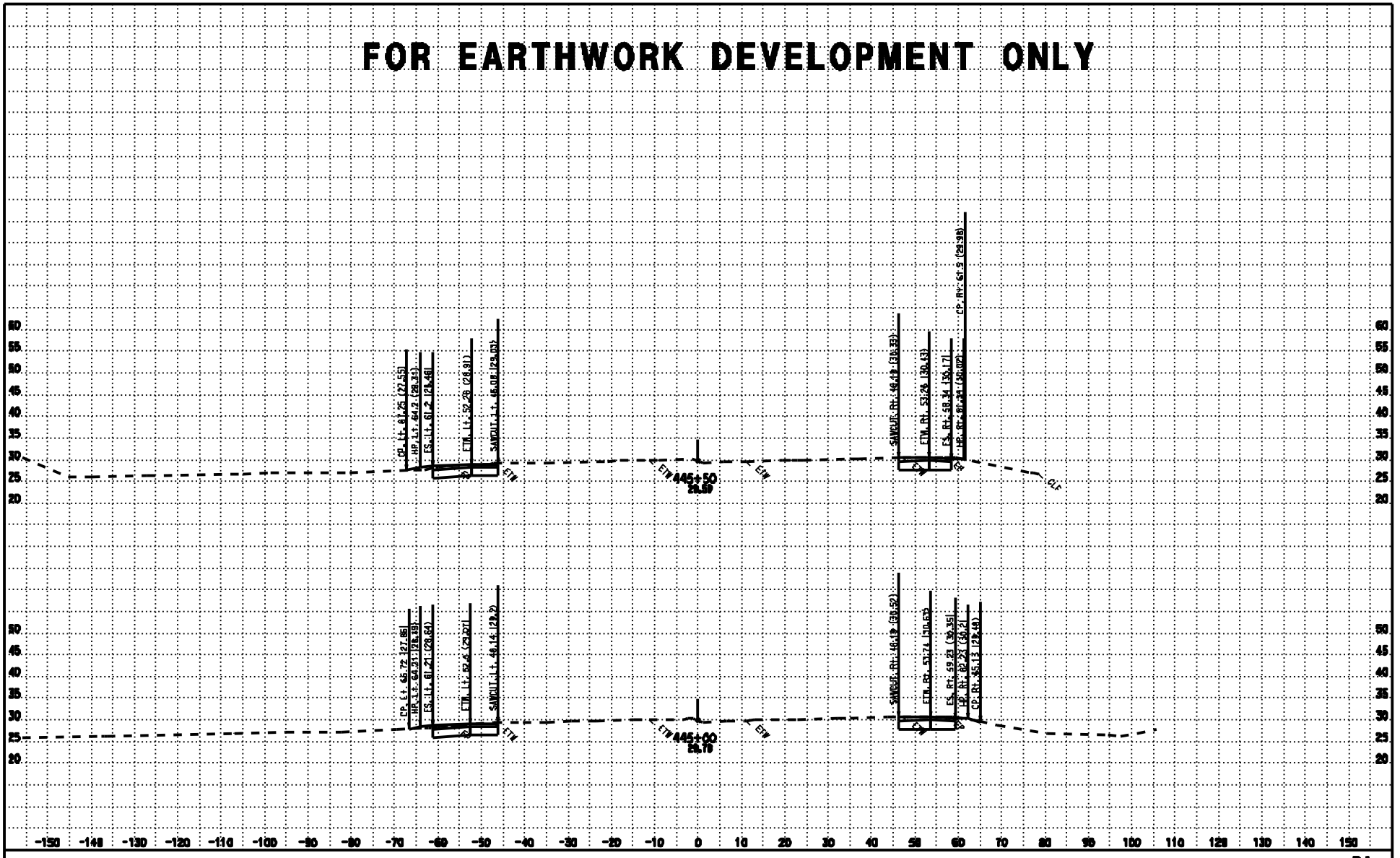
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 31 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 11/19/2009

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

B4

CROSS SECTIONS

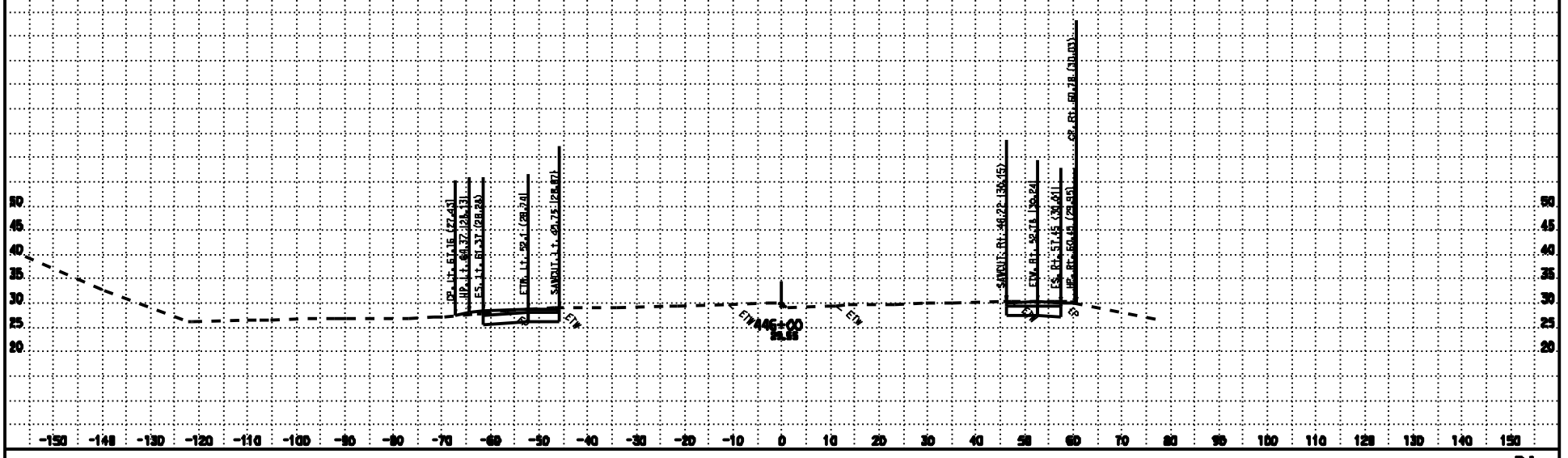
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 32 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



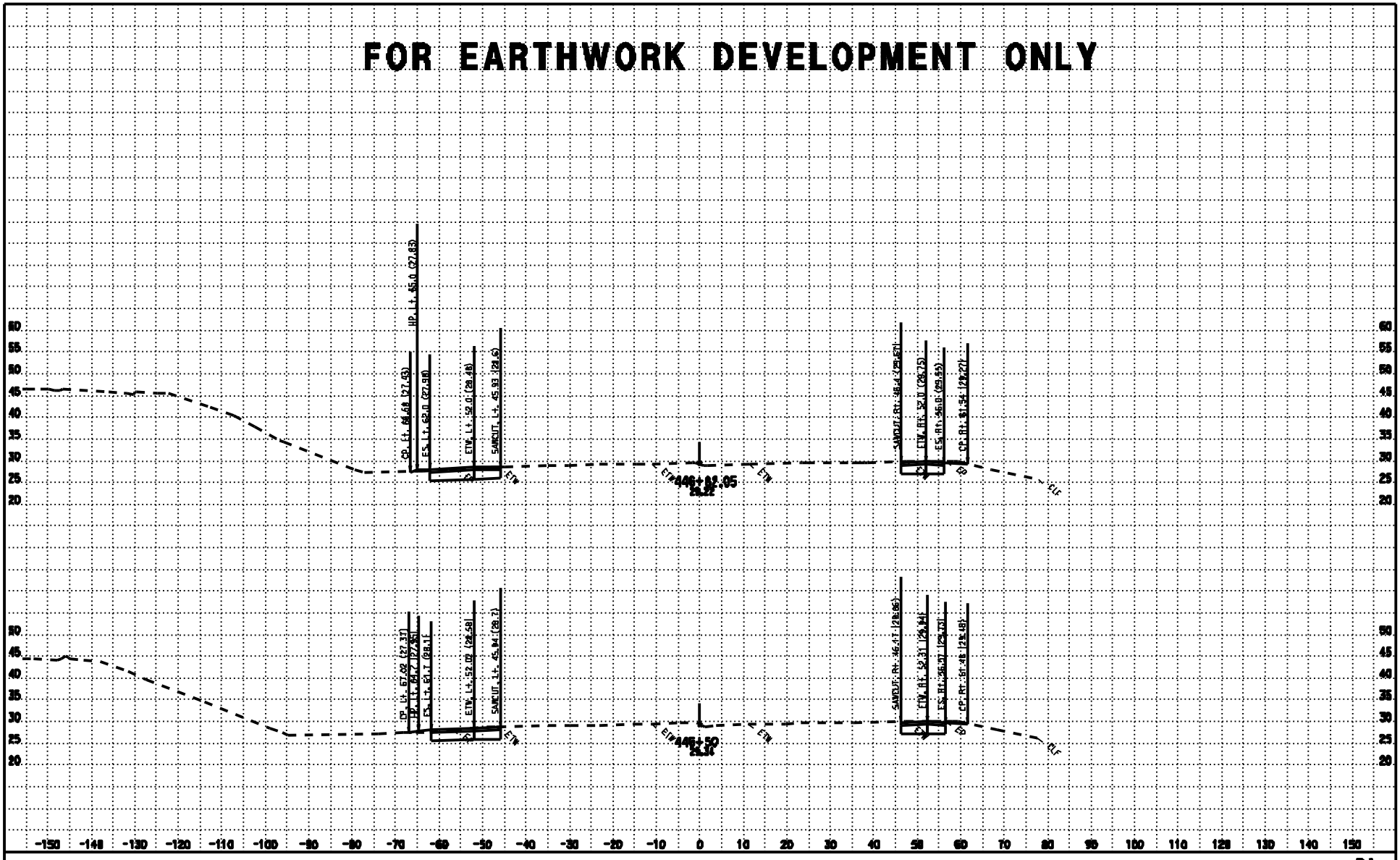
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 33 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



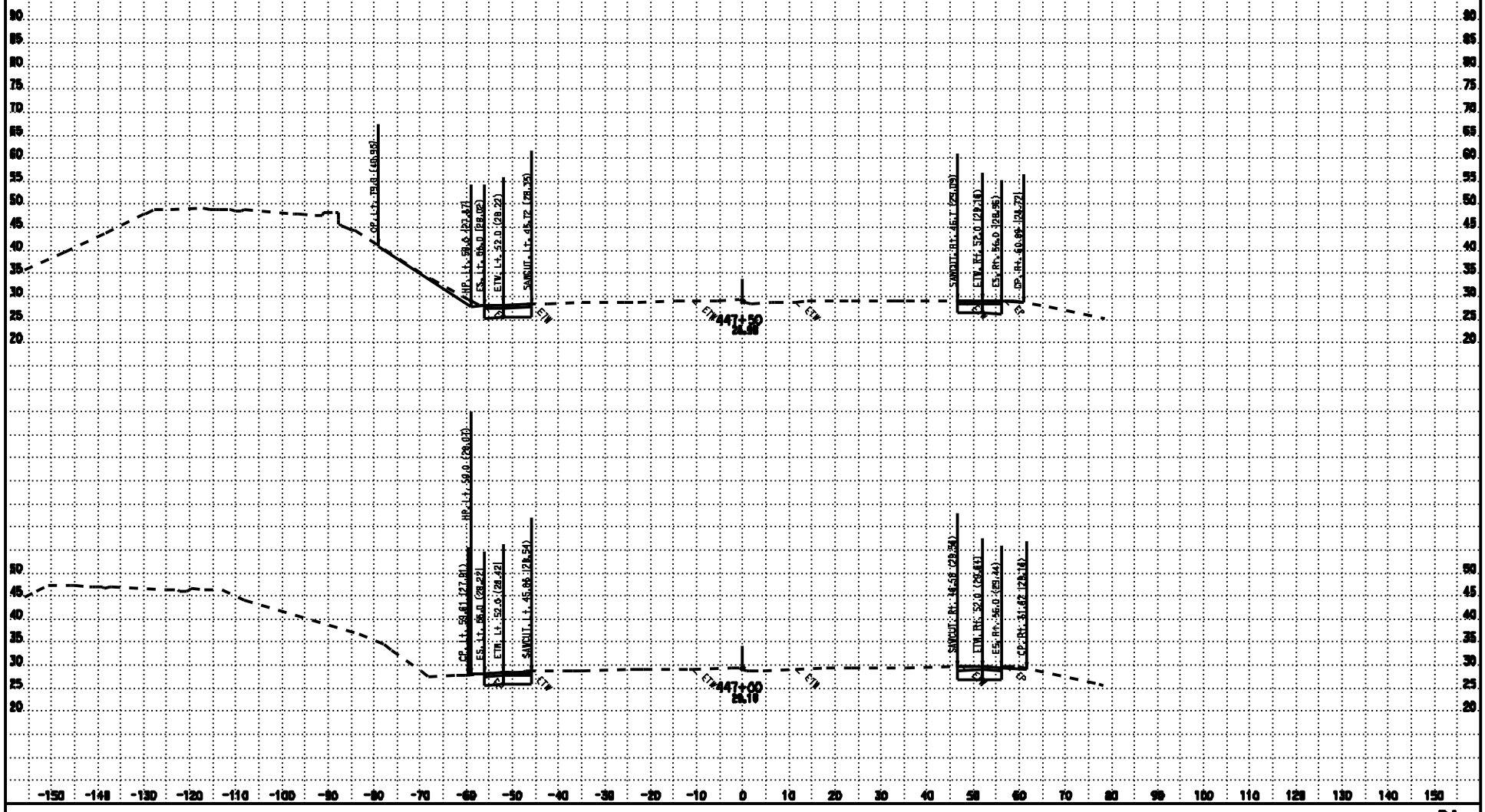
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 34 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

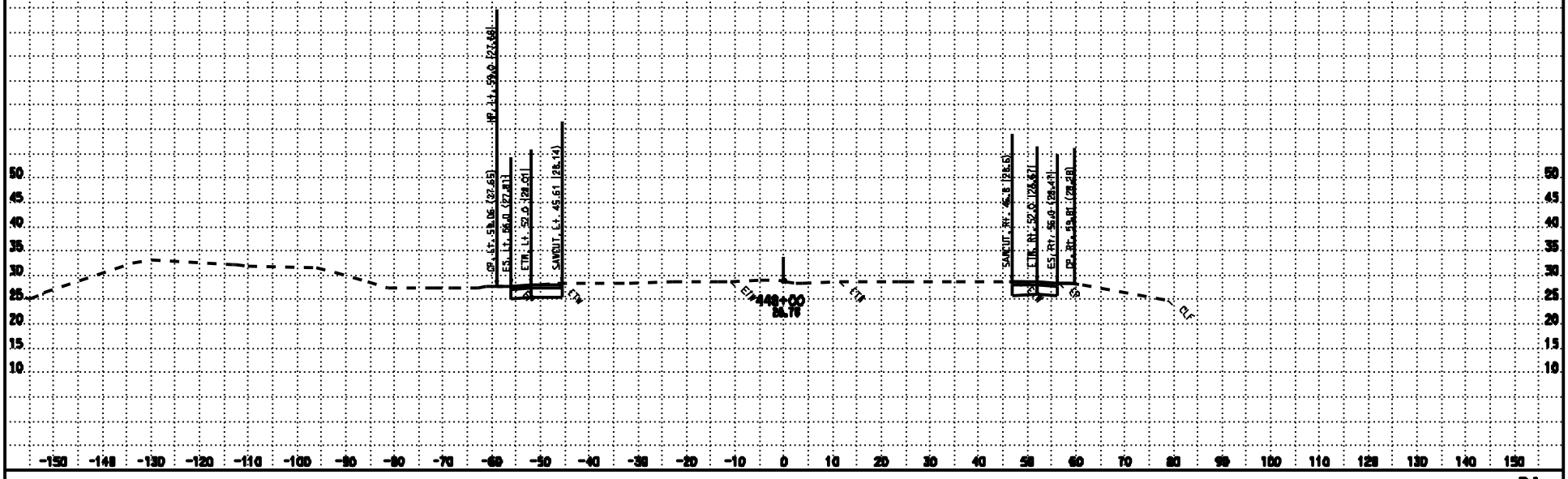
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

B4
CROSS SECTIONS
SHEET 35 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154

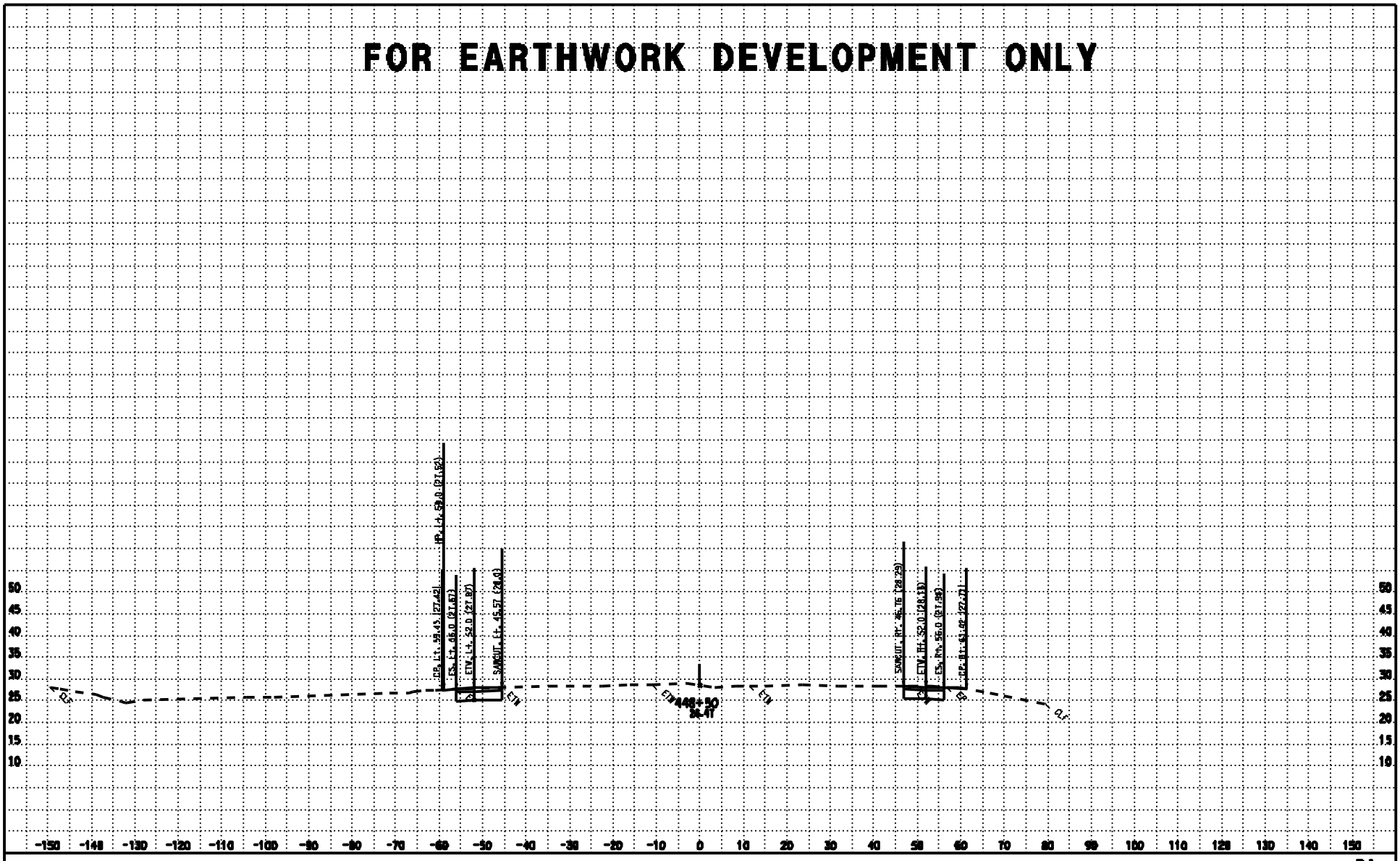
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e390\design\Calse\PROJECTS\07154\Calse_Files\04_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 36 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 071154

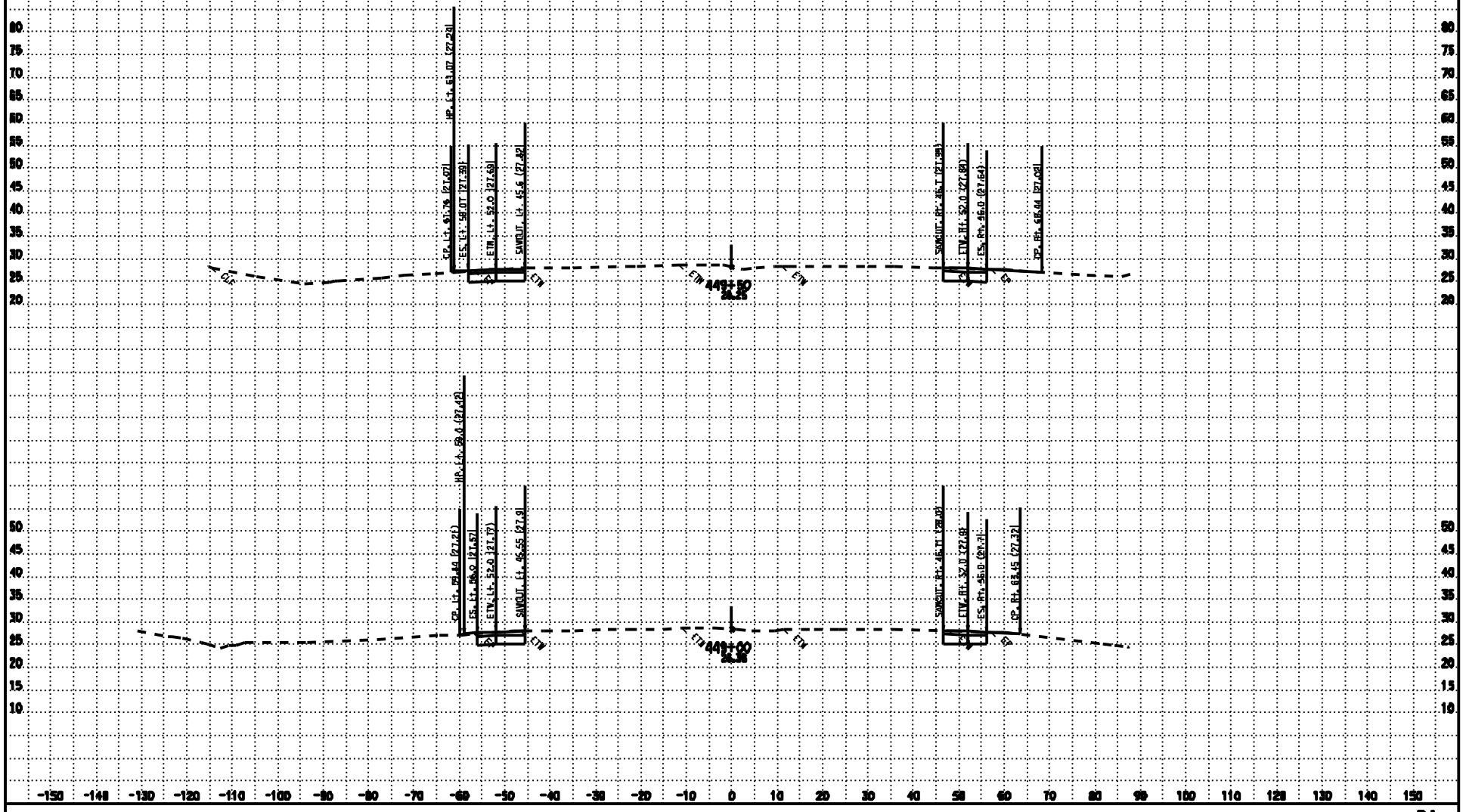
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\071154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 37 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

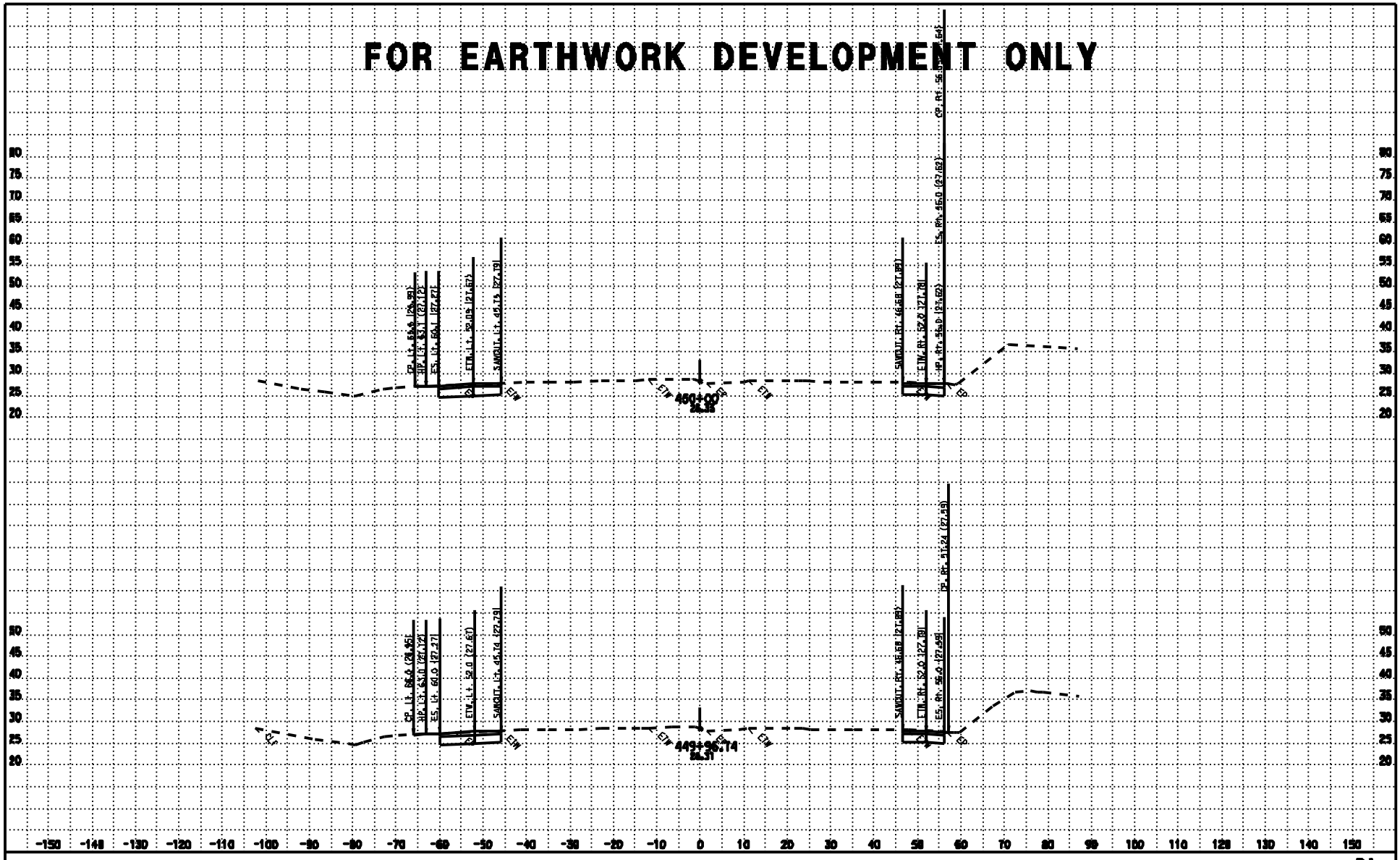
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e390\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

B4
CROSS SECTIONS
SHEET 38 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 39 OF 98

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e390\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

FOR EARTHWORK DEVELOPMENT ONLY

CONTRACT: 3E3901

DATE: 11/10/2008 — DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

KC Project: 07154 — File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz. 1" = 10' Vert.

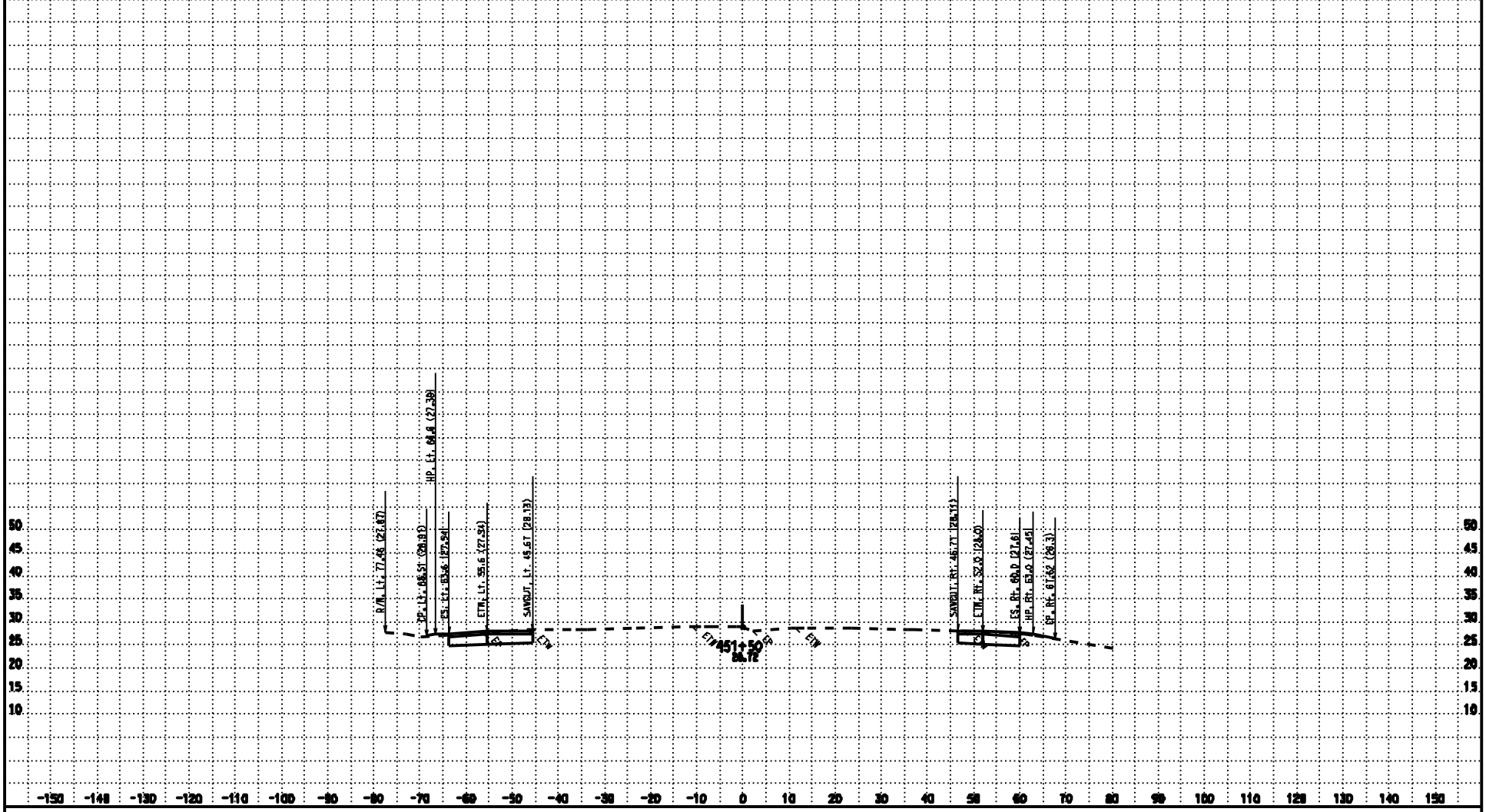
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 40 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/10/2009

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E390I

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

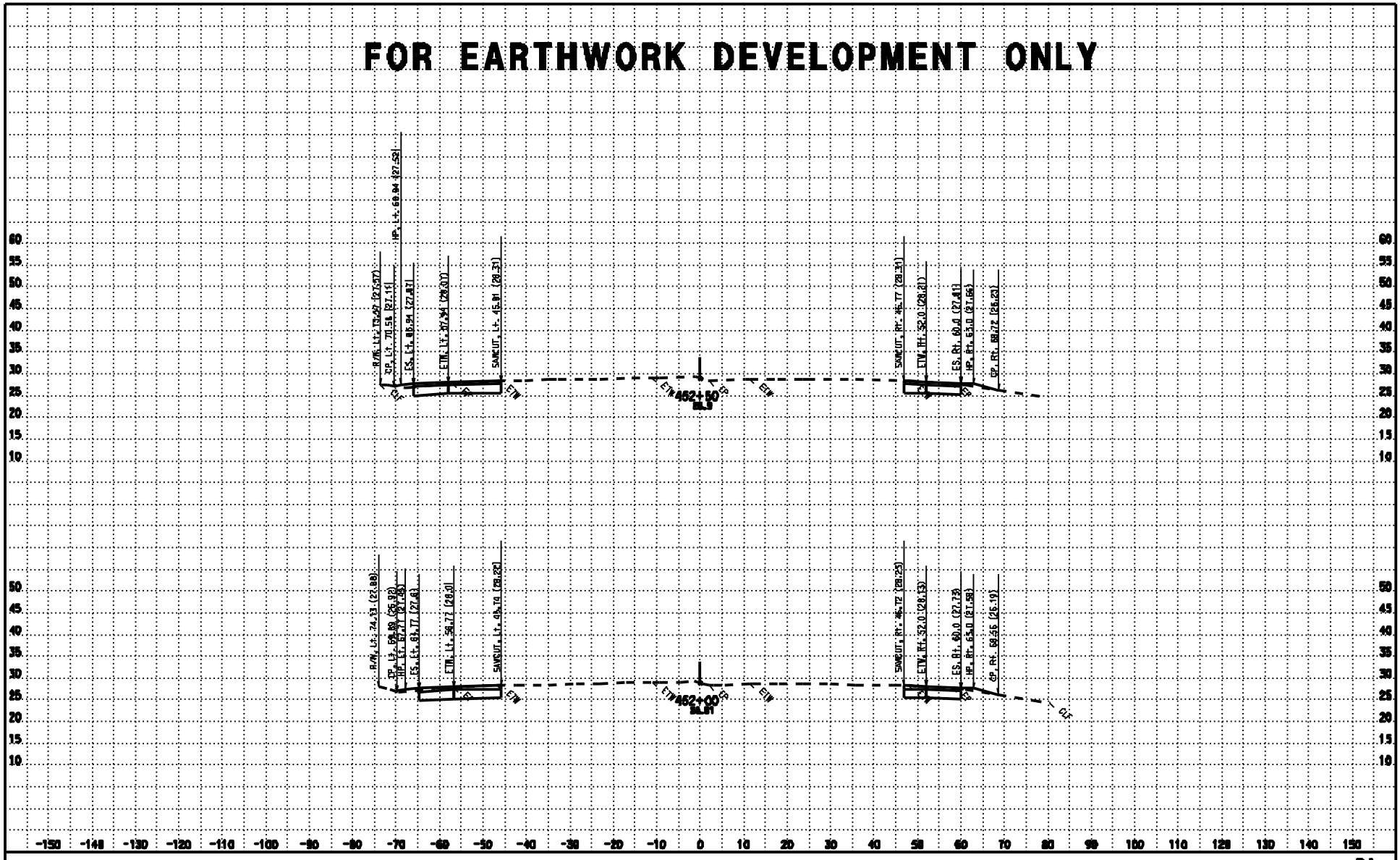
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS

SHEET 41 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



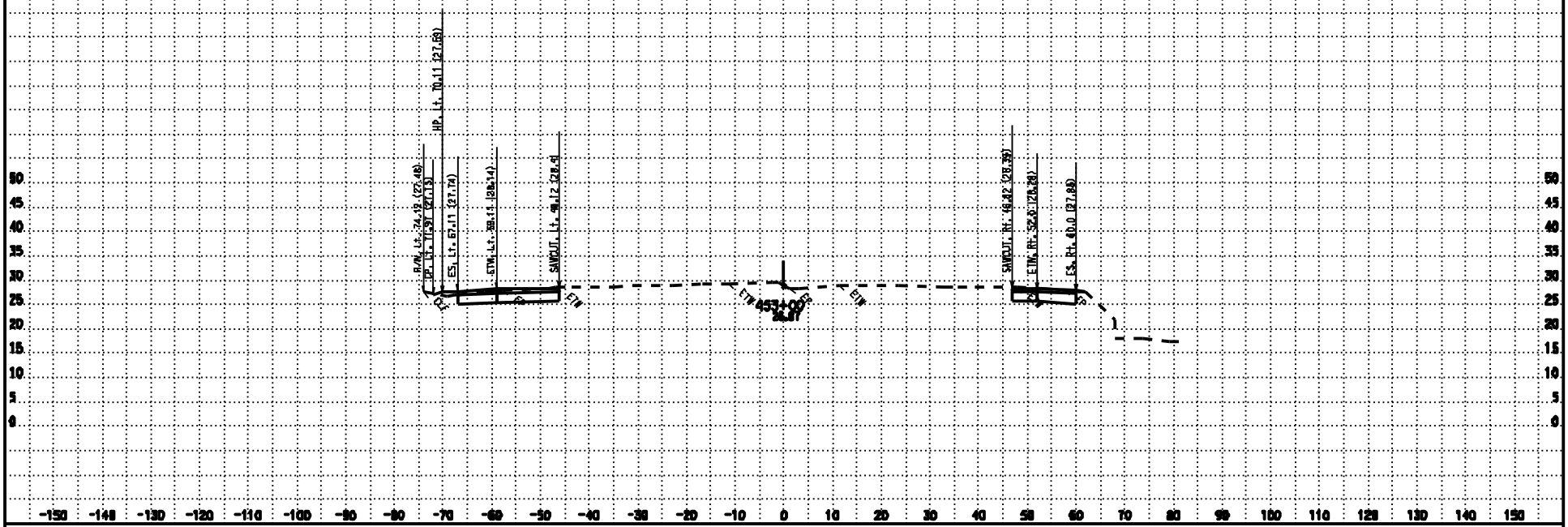
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e390\design\Calco\PROJECTS\07154\Calco_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 42 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/10/2009

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E390I

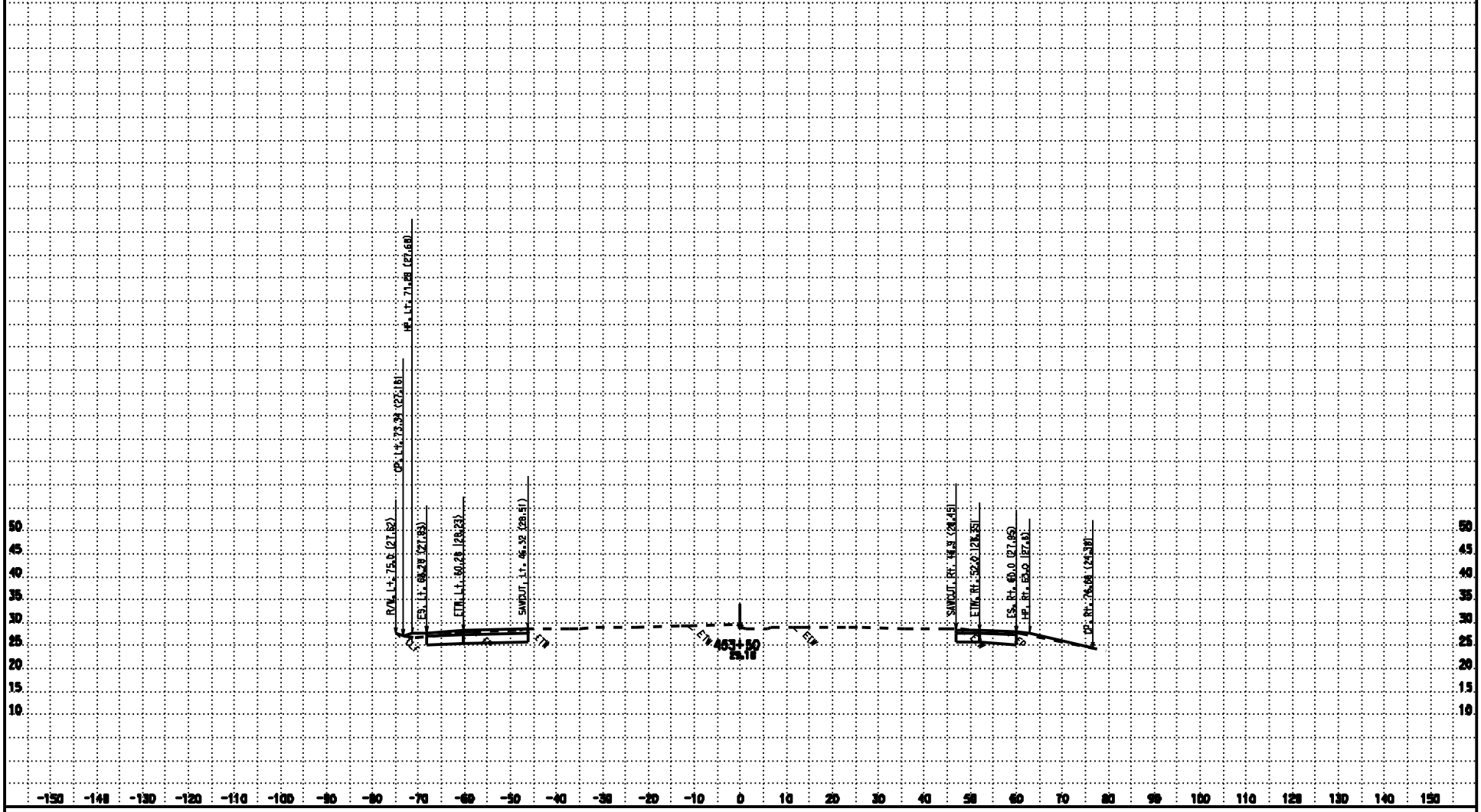
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 43 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E390I

DATE: 11/10/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

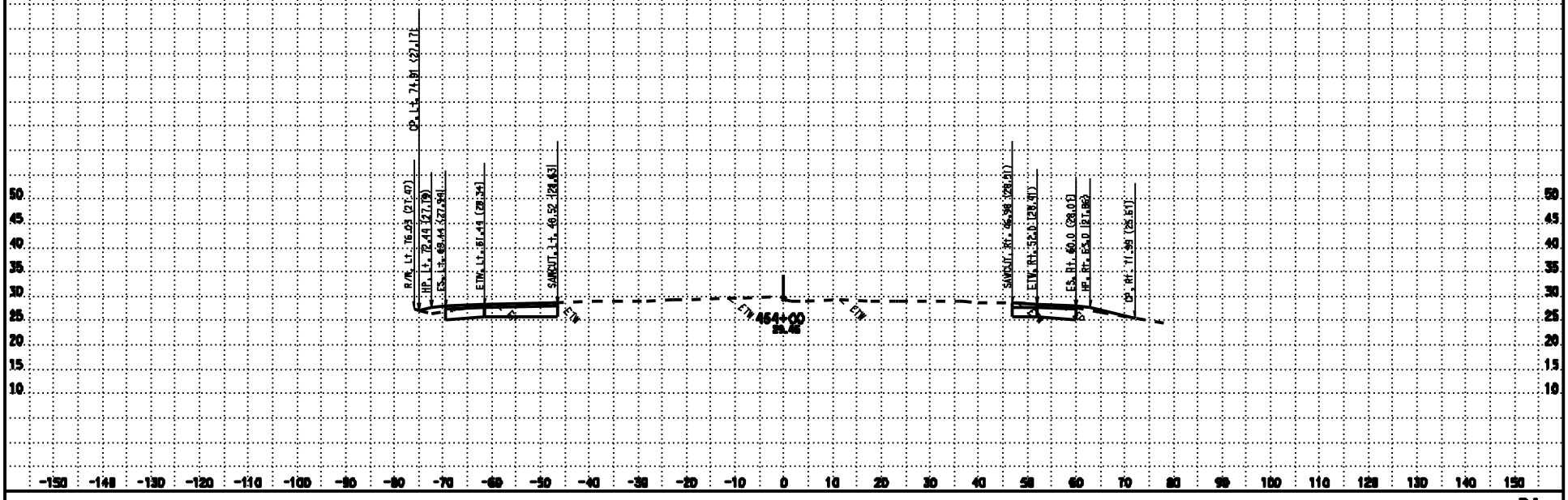
B4
CROSS SECTIONS

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 44 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



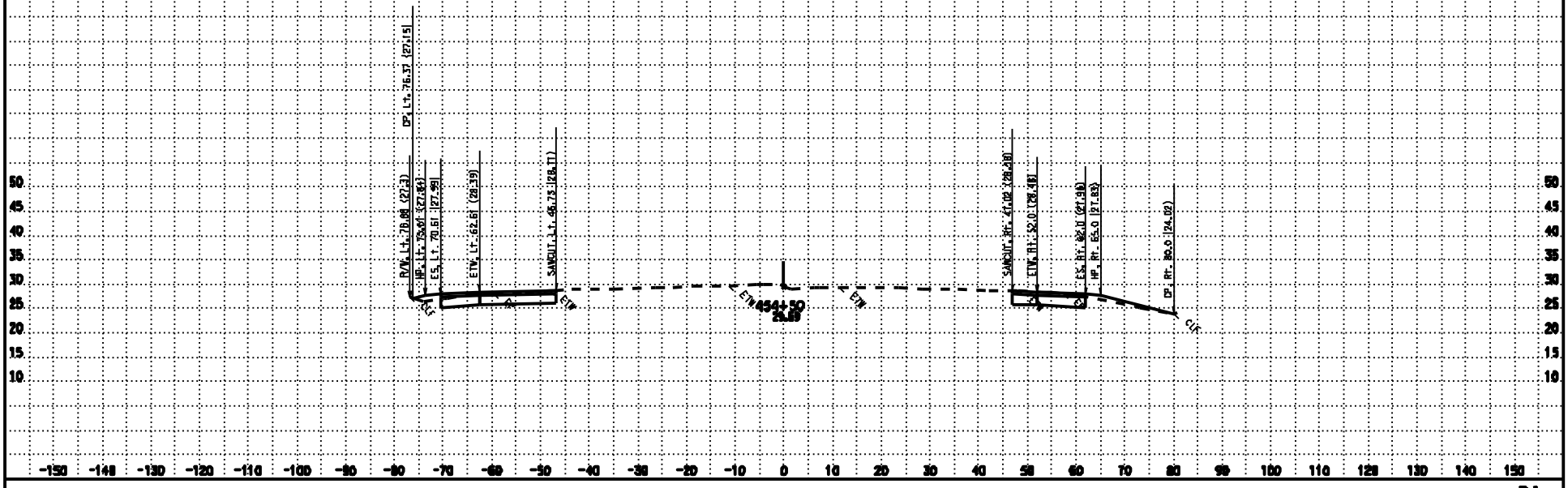
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 45 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



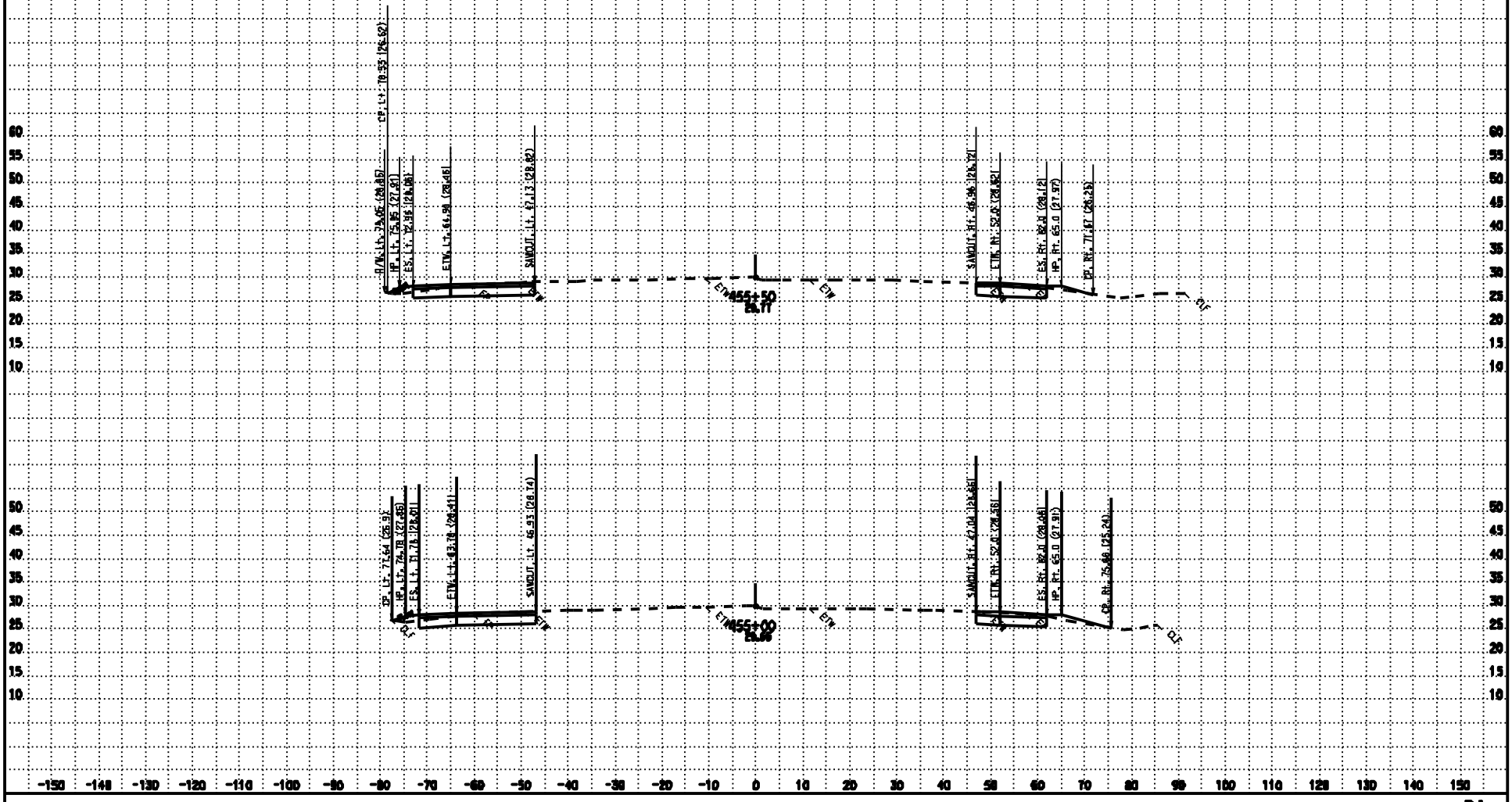
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e390\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 46 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



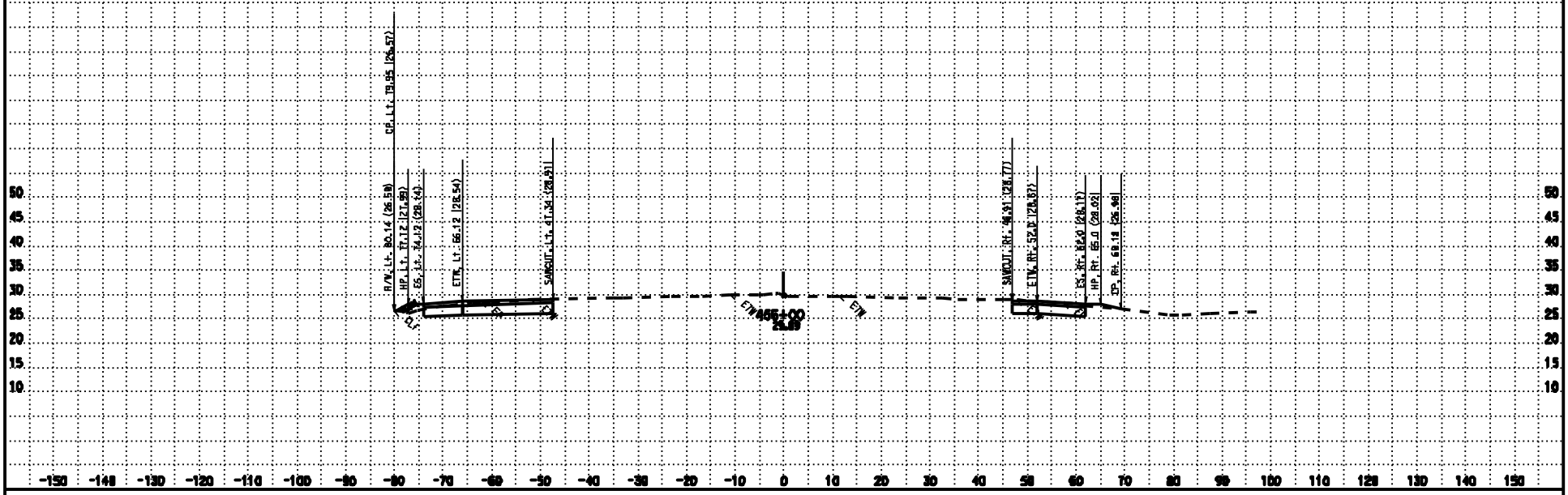
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e390\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 47 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/10/2009

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E390I

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

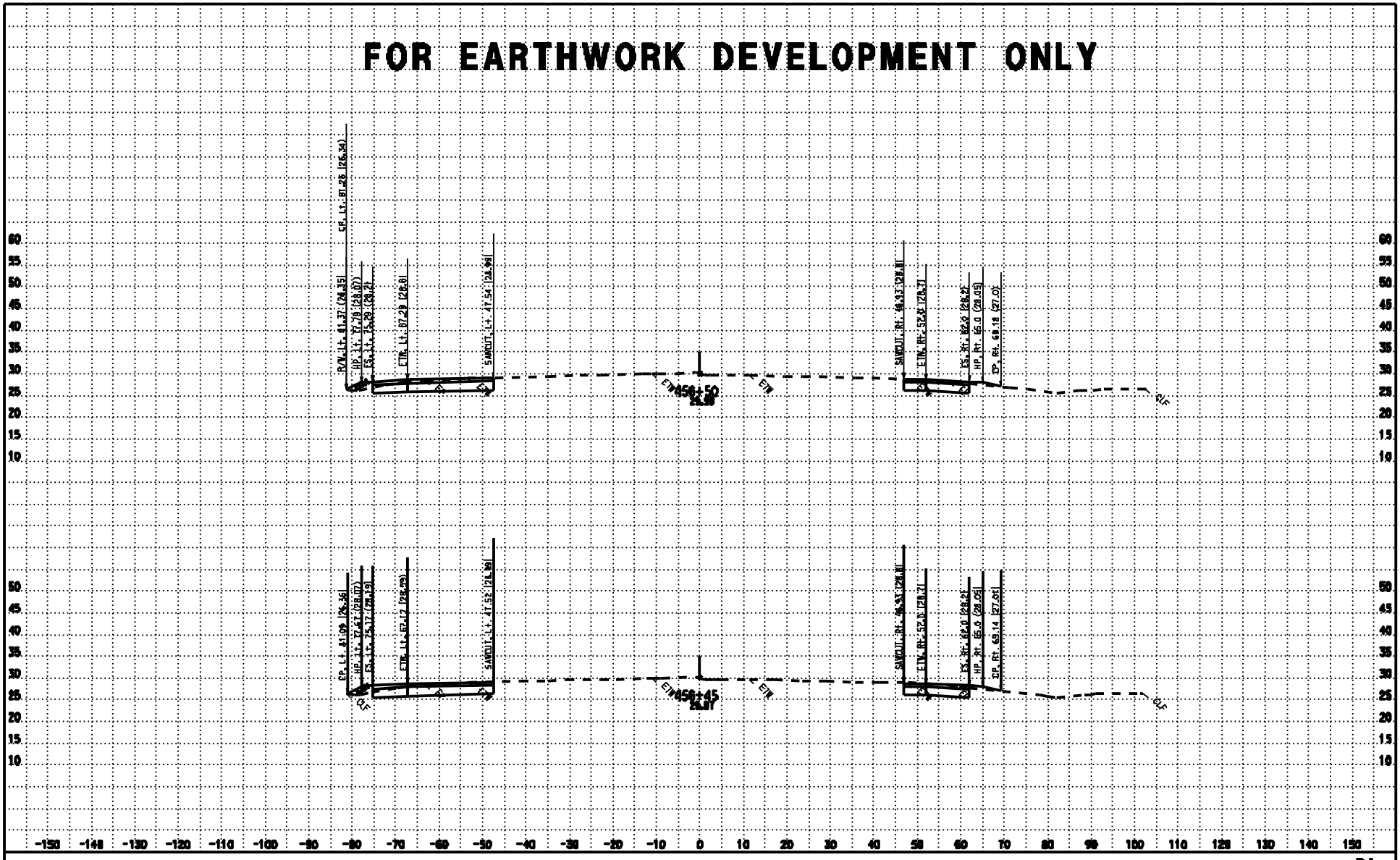
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS

SHEET 48 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

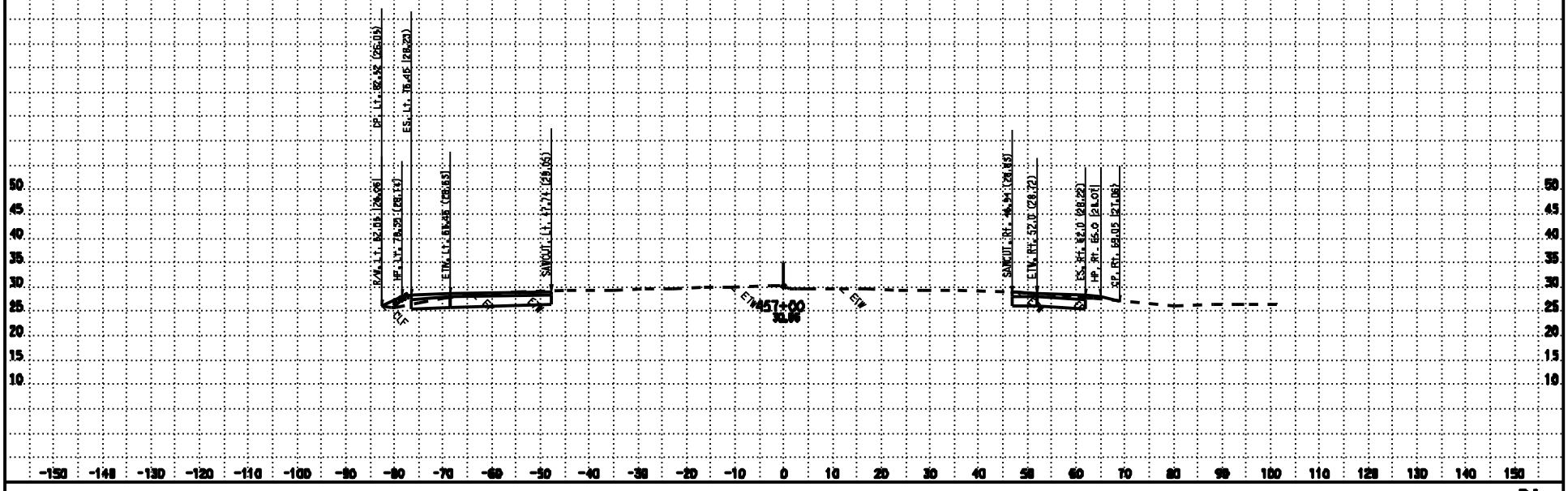
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 49 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



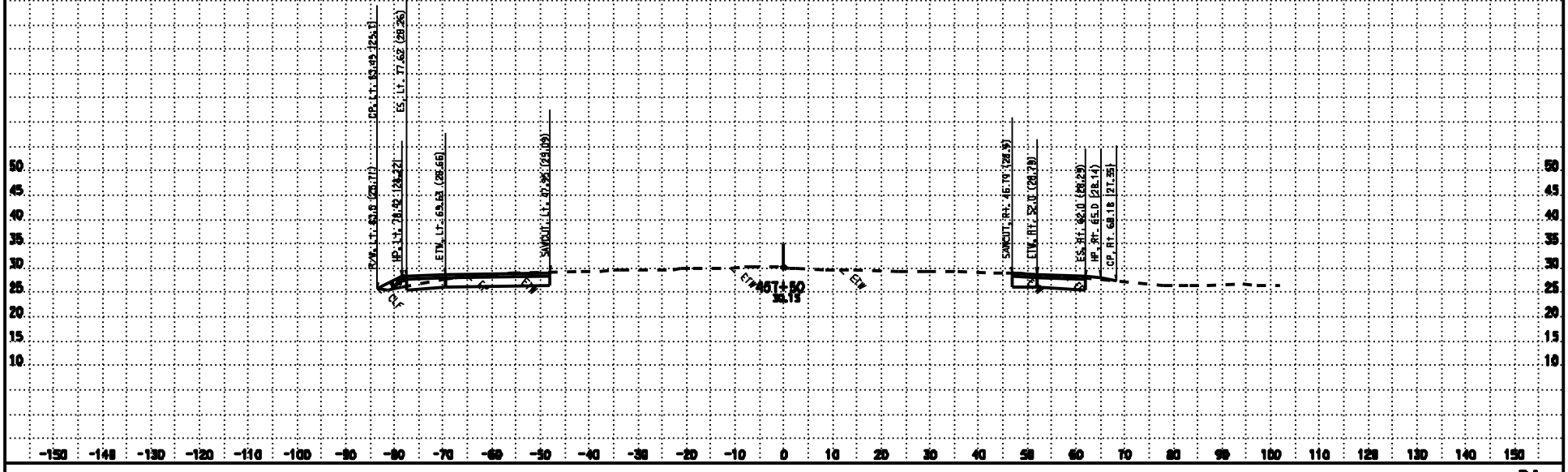
DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e390\design\Calca\PROJECTS\07154\Calca_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E390I
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 50 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



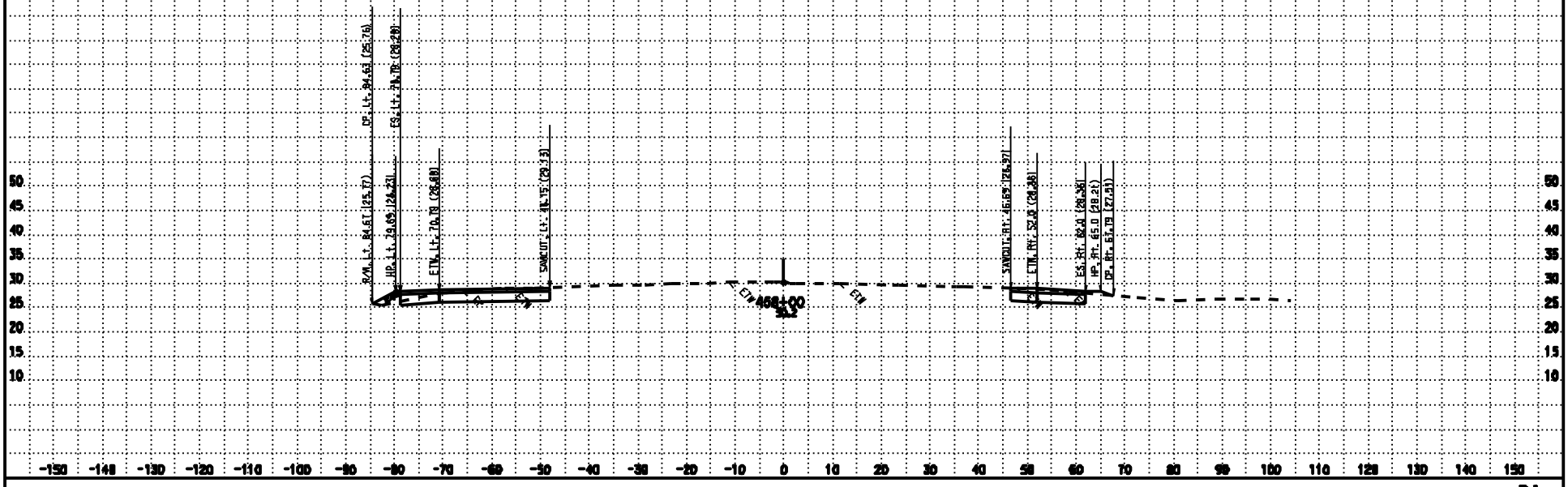
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 51 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



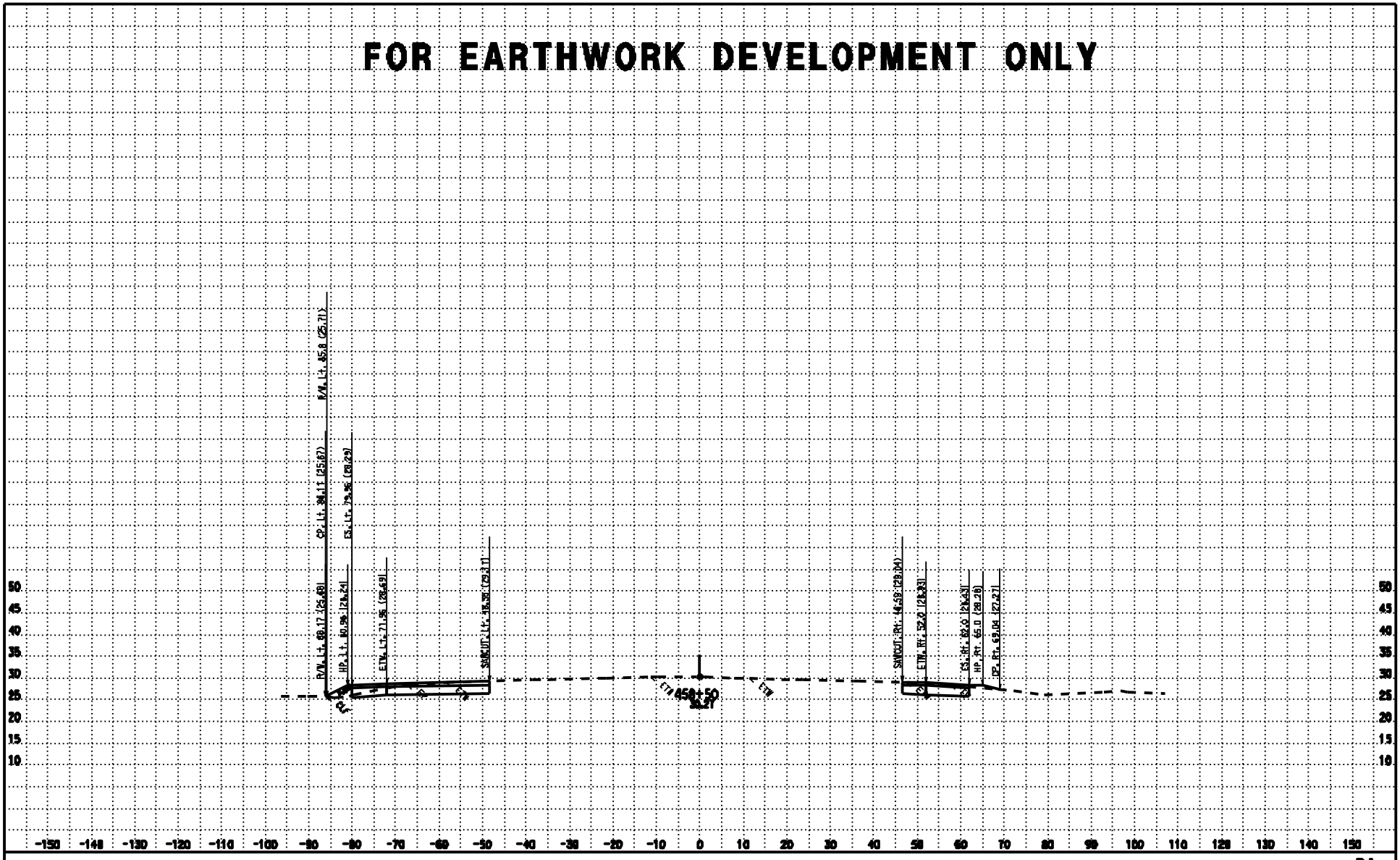
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 52 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



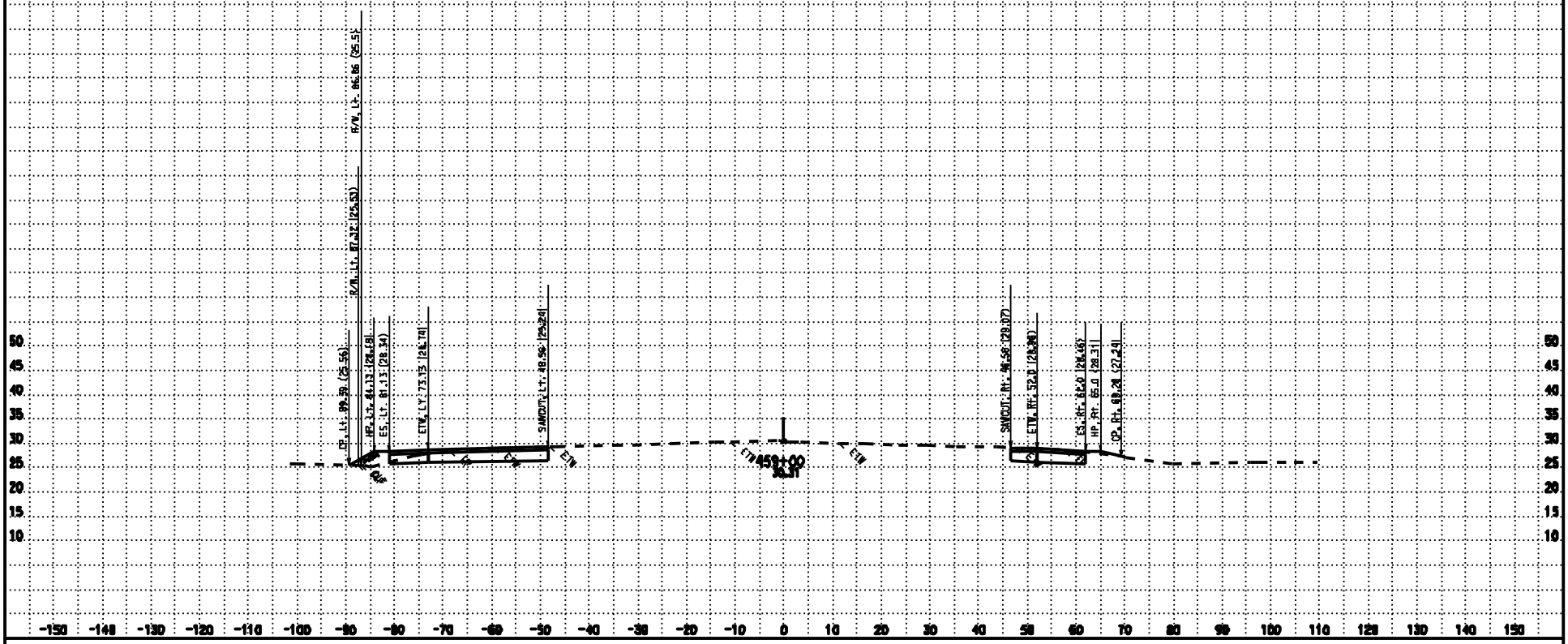
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e390\design\Caltex\PROJECTS\07154\Caltex_Files\04_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 53 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/10/2009

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E390I

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

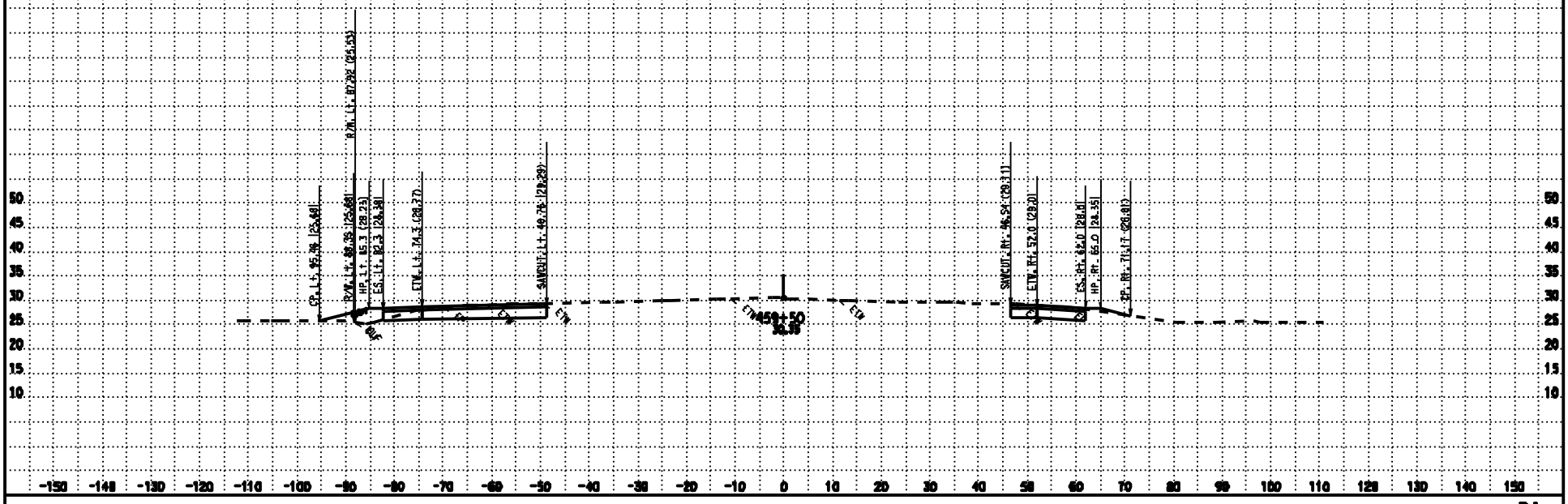
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS

SHEET 54 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/10/2009

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E390I

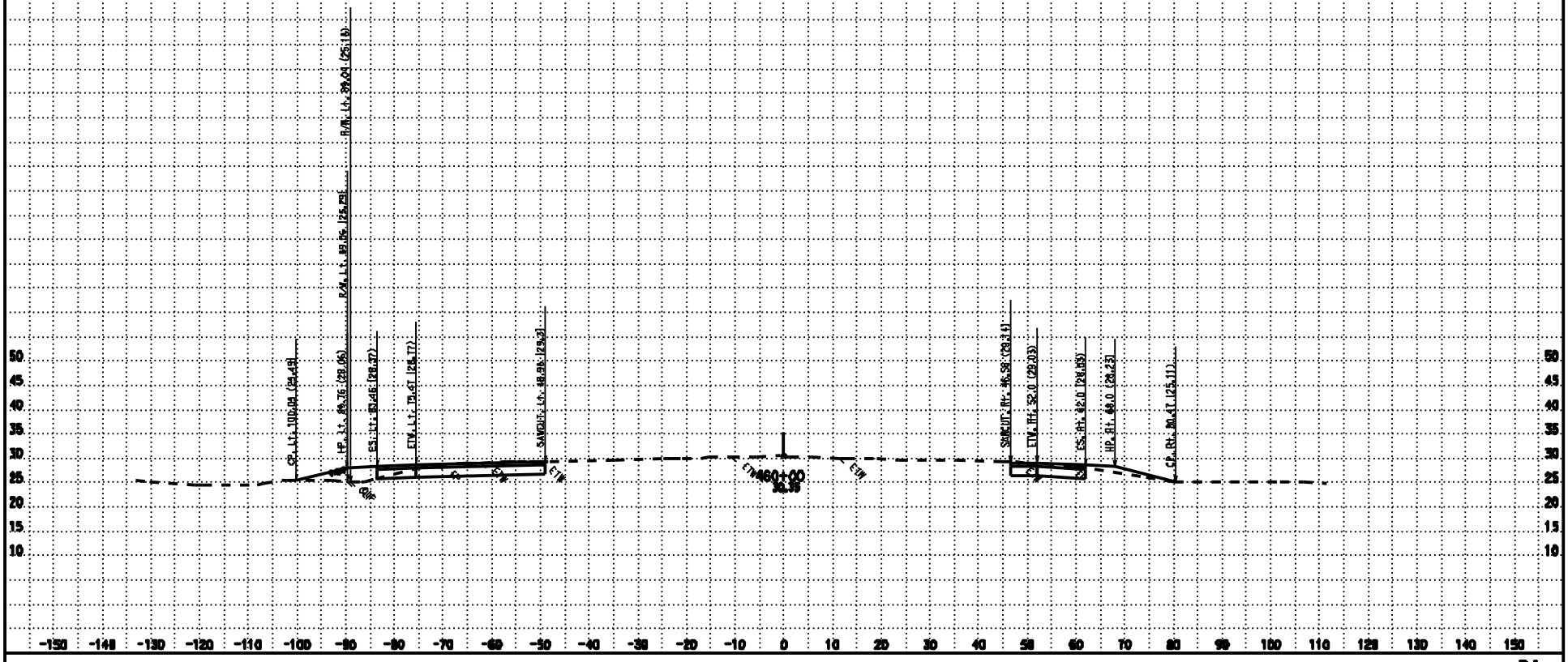
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 55 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e390\design\Calca\PROJECTS\07154\Calca_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E3904
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 56 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

DATE: 11/10/2009
KC Project: 07154
File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E3901
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 57 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

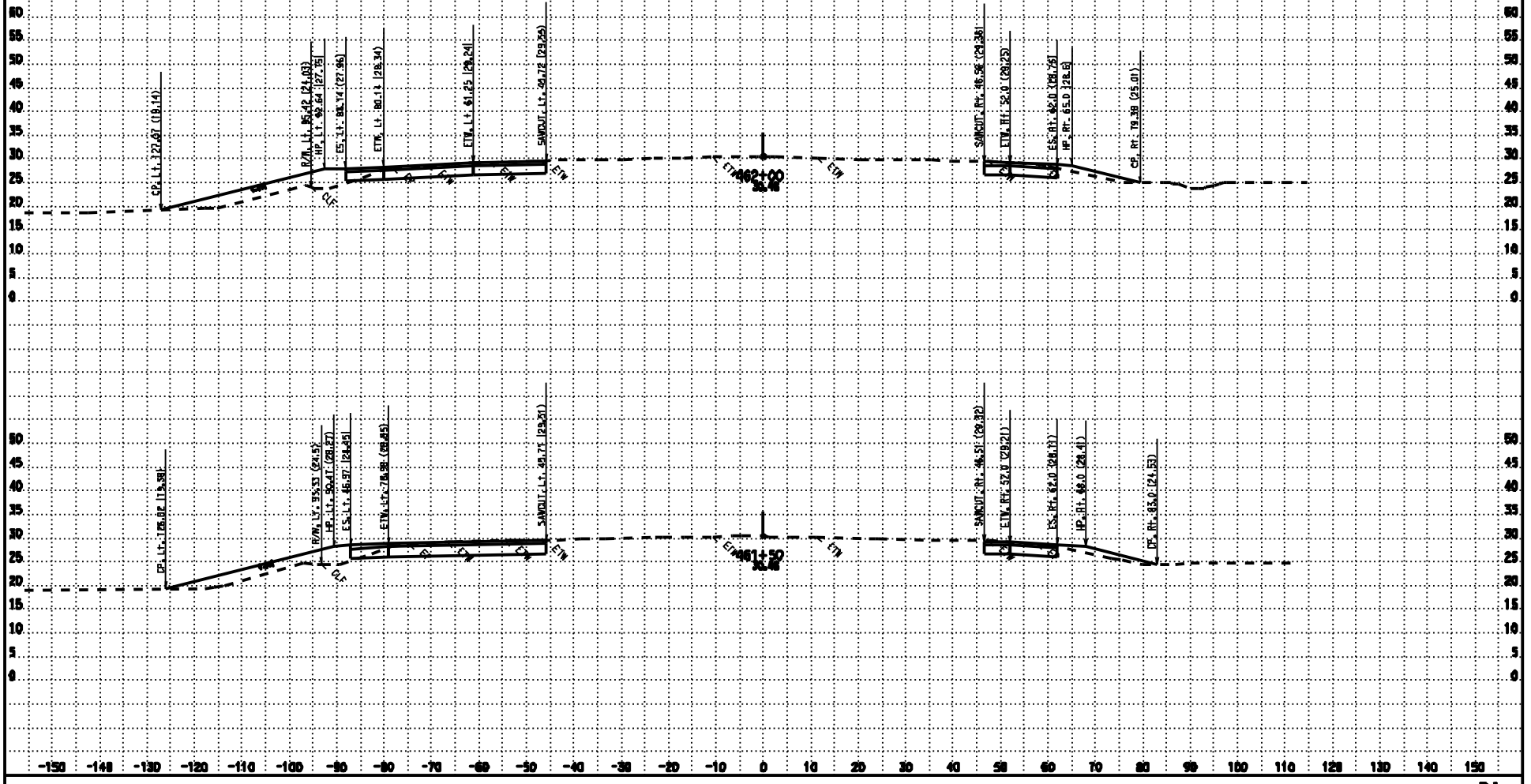
DATE: 11/10/2009
KC Project: 07154
File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ecr\b4_design.ecr

CONTRACT: 3E3901
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 58 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

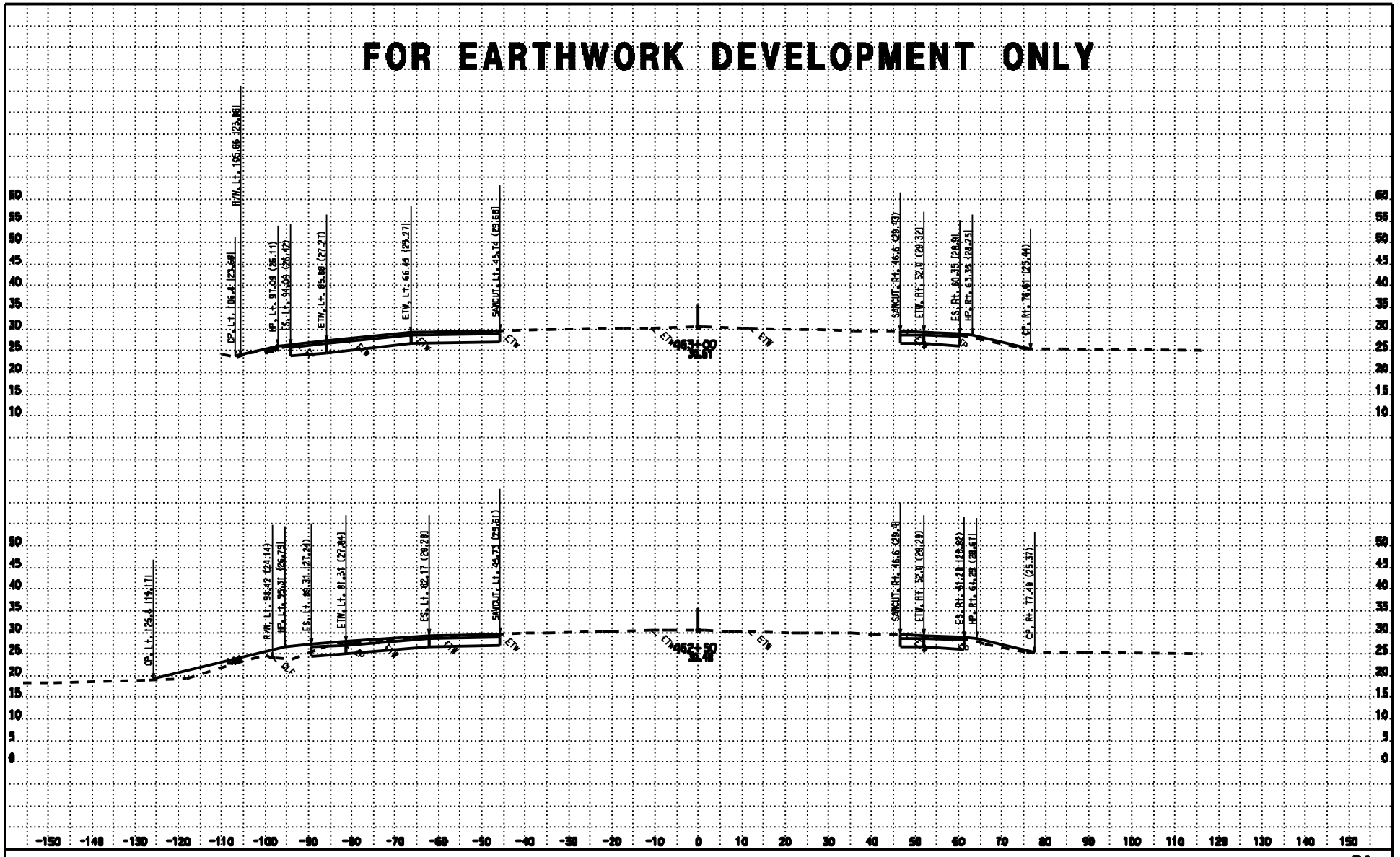
B4
CROSS SECTIONS

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e390\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 59 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 11/19/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

B4

CROSS SECTIONS

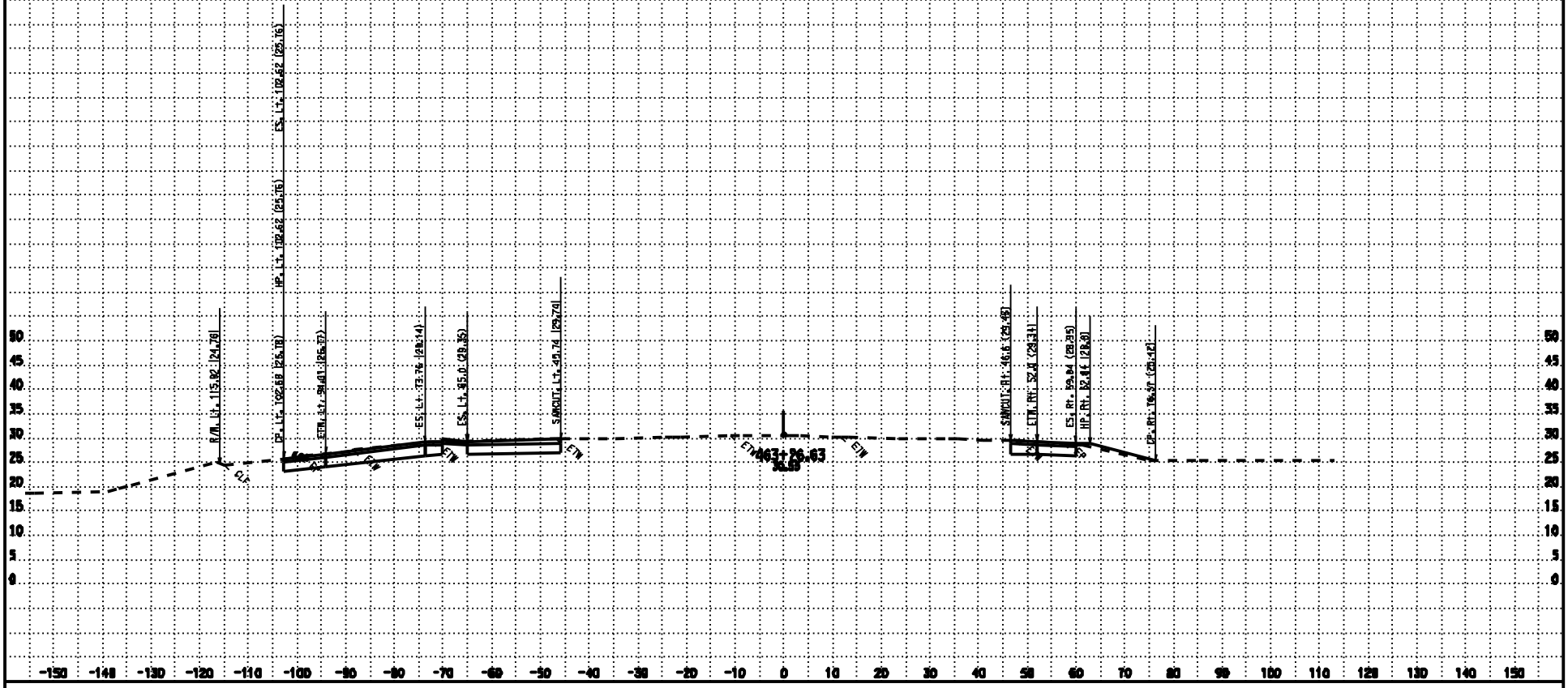
KC Project: 07154

Files: P:\proj4\03\3e390\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 60 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



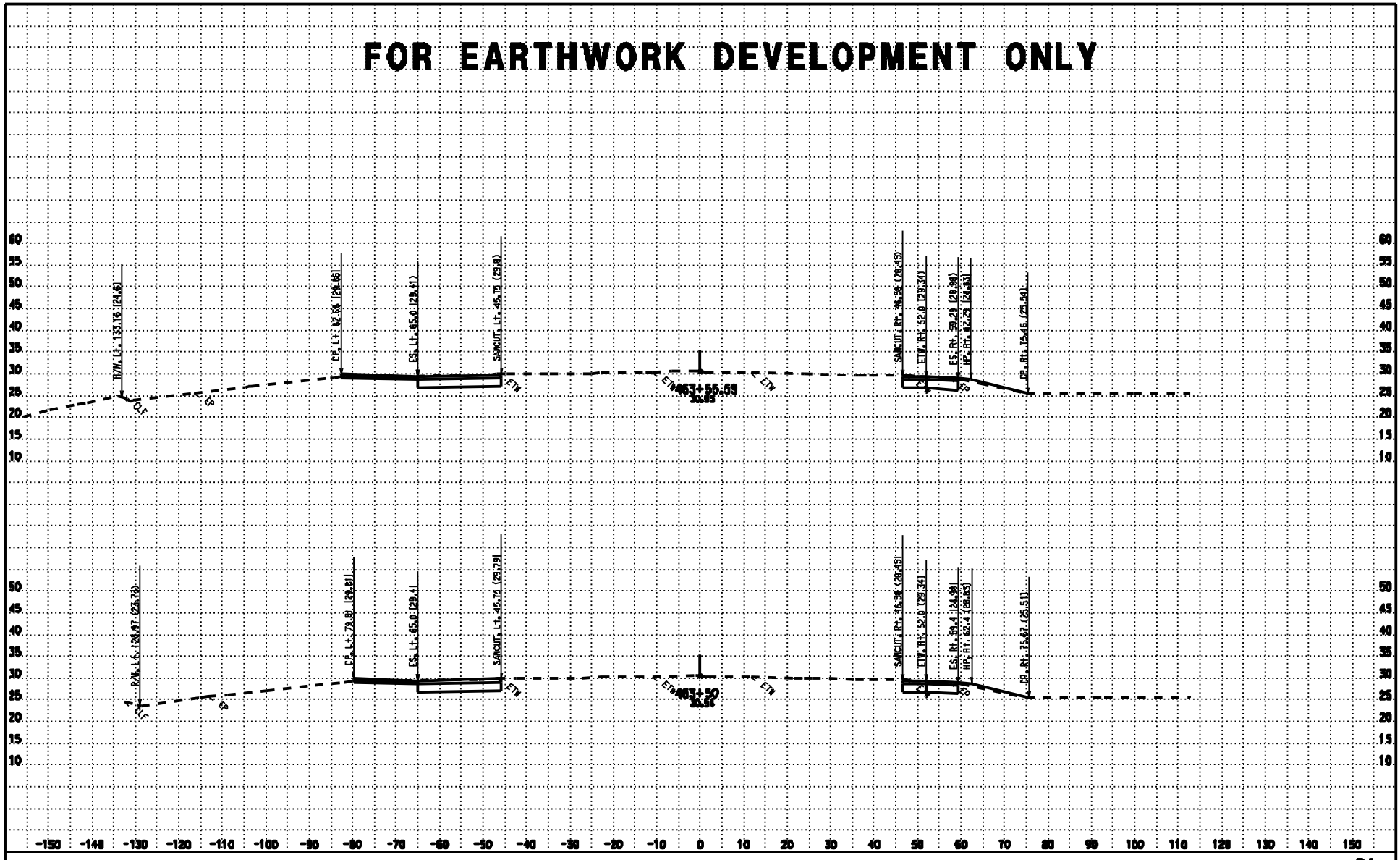
DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e390\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 61 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
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SCALE: 1" = 10' Horiz. 1" = 10' Vert.
All Dimensions are US Survey Feet
B4
CROSS SECTIONS
SHEET 62 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

CONTRACT: 3E3901

DATE: 11/19/2009

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

KC Project: 07154

File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz. 1" = 10' Vert.

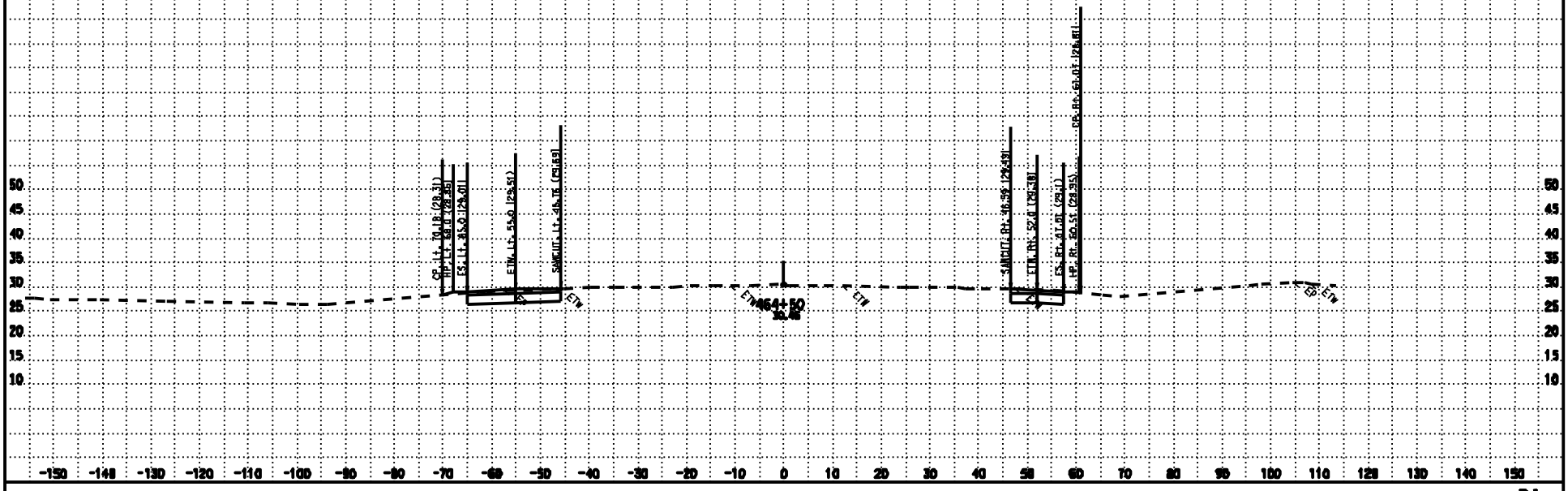
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 63 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
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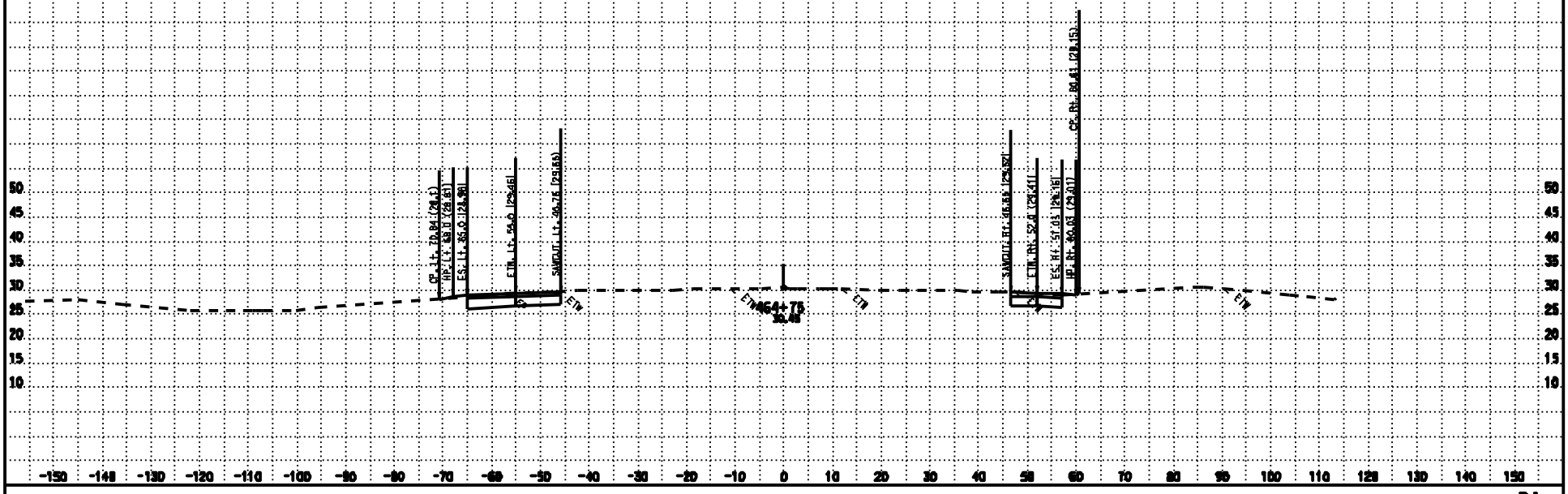
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 64 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

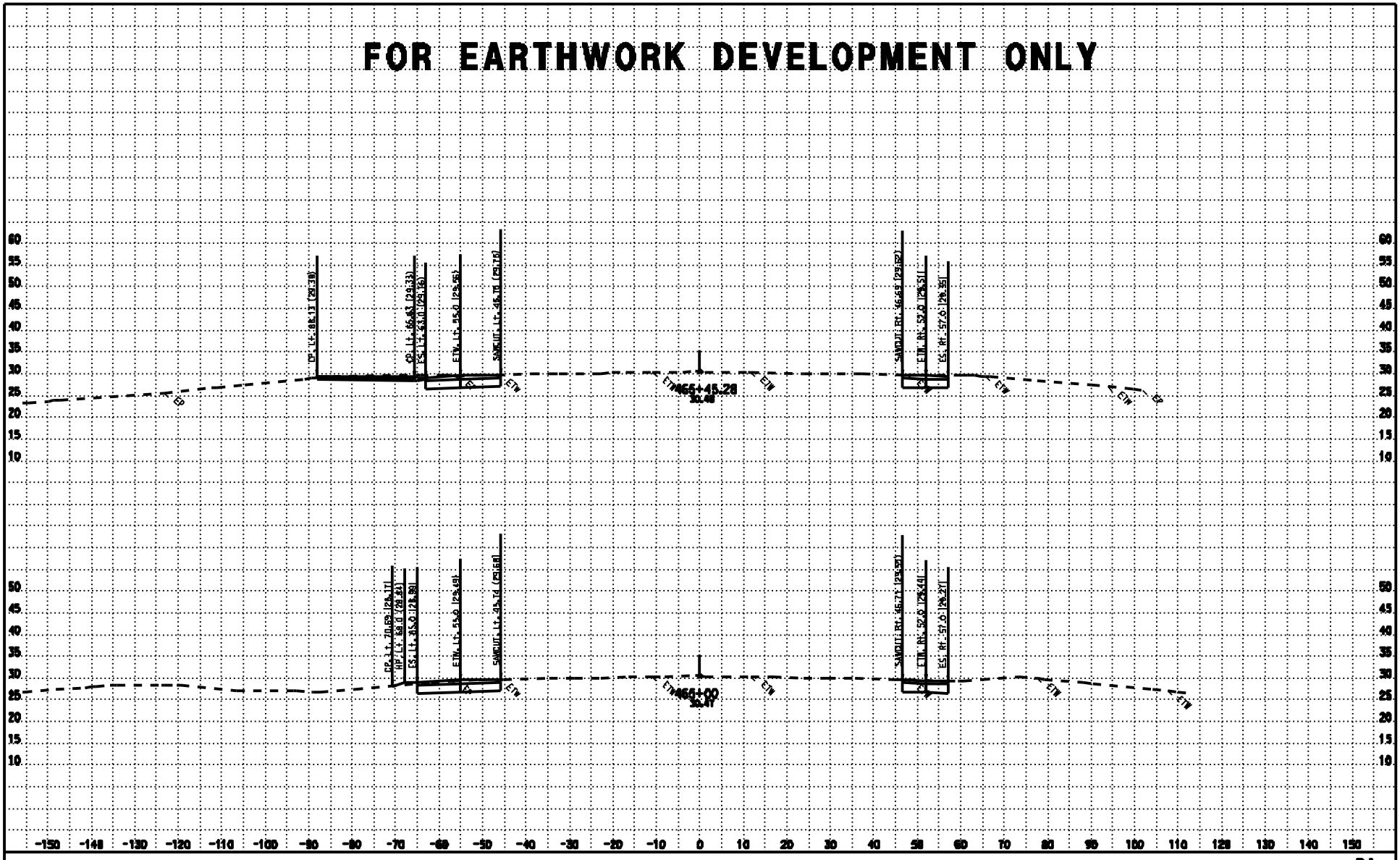
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 65 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

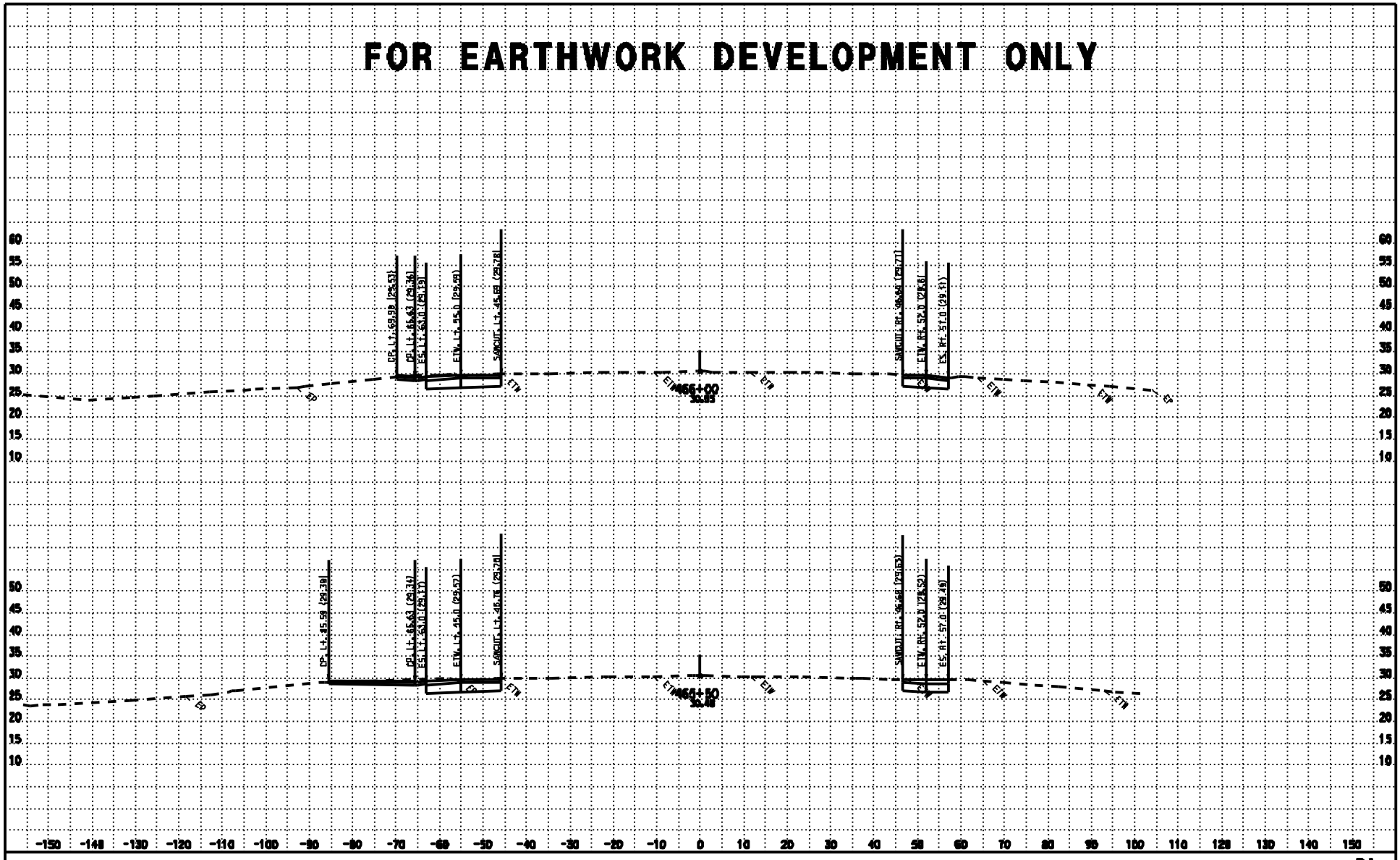
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 66 OF 98

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

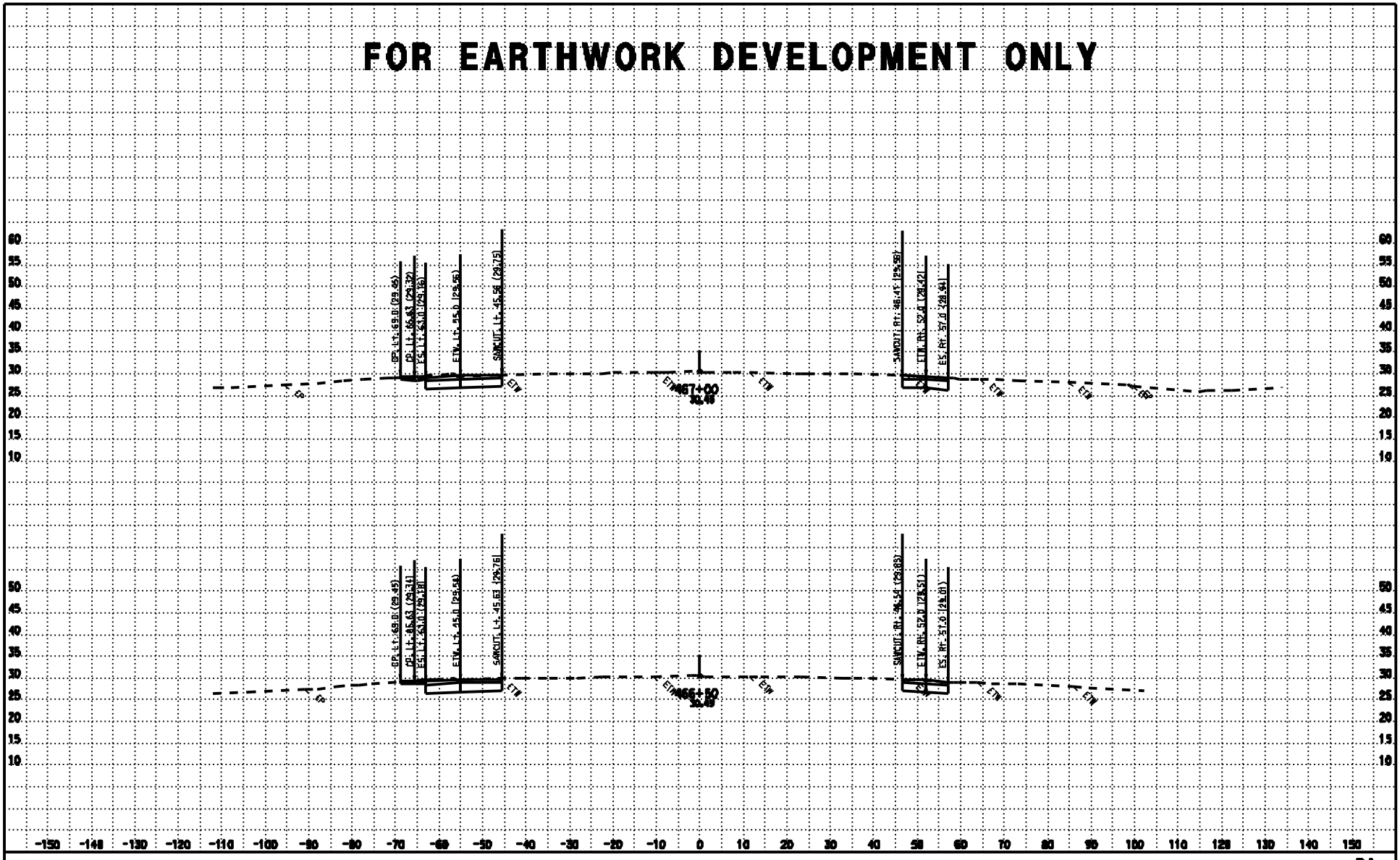
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 67 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/18/2009

KC Project: 07154

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

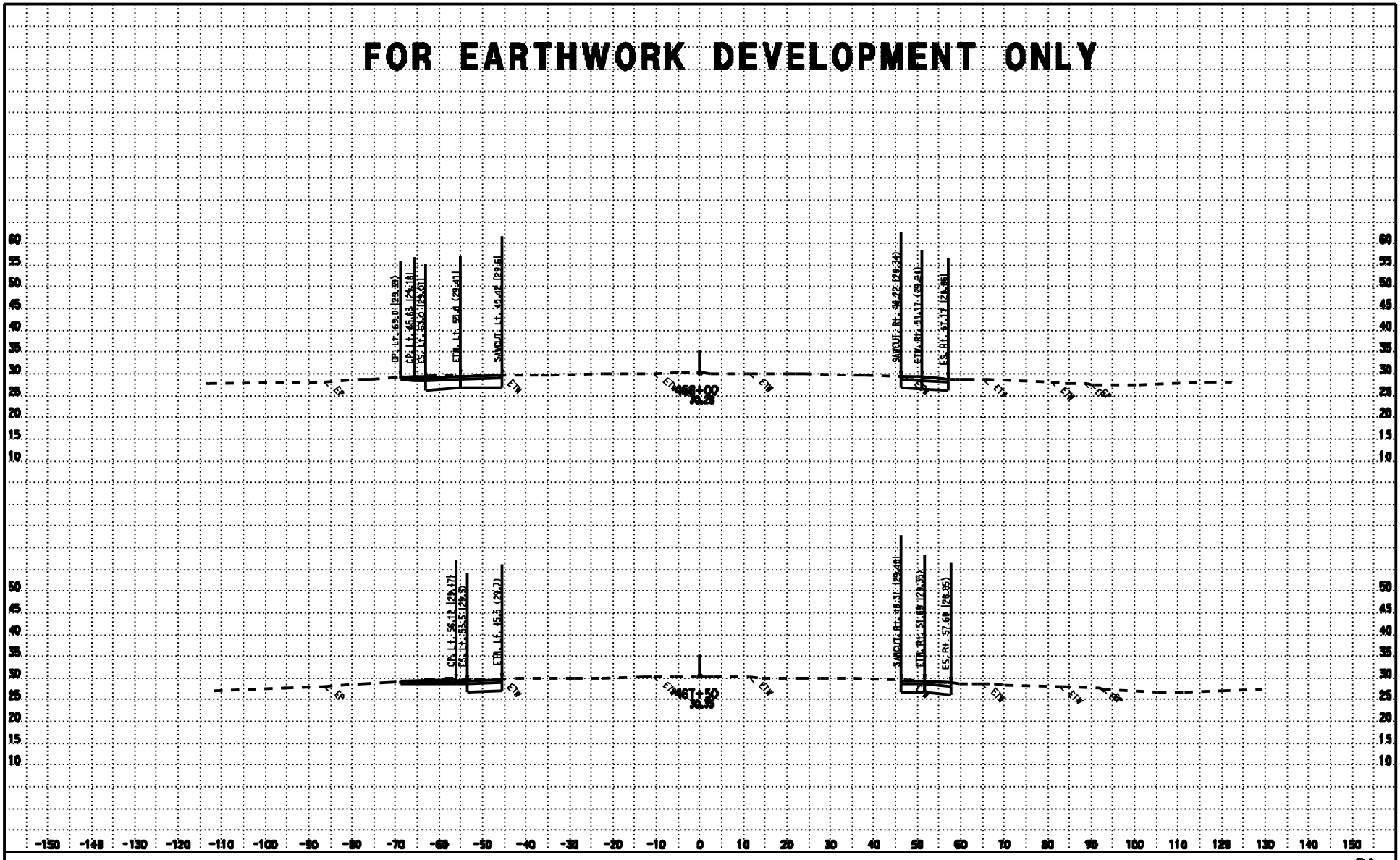
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 58 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 11/18/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

B4

CROSS SECTIONS

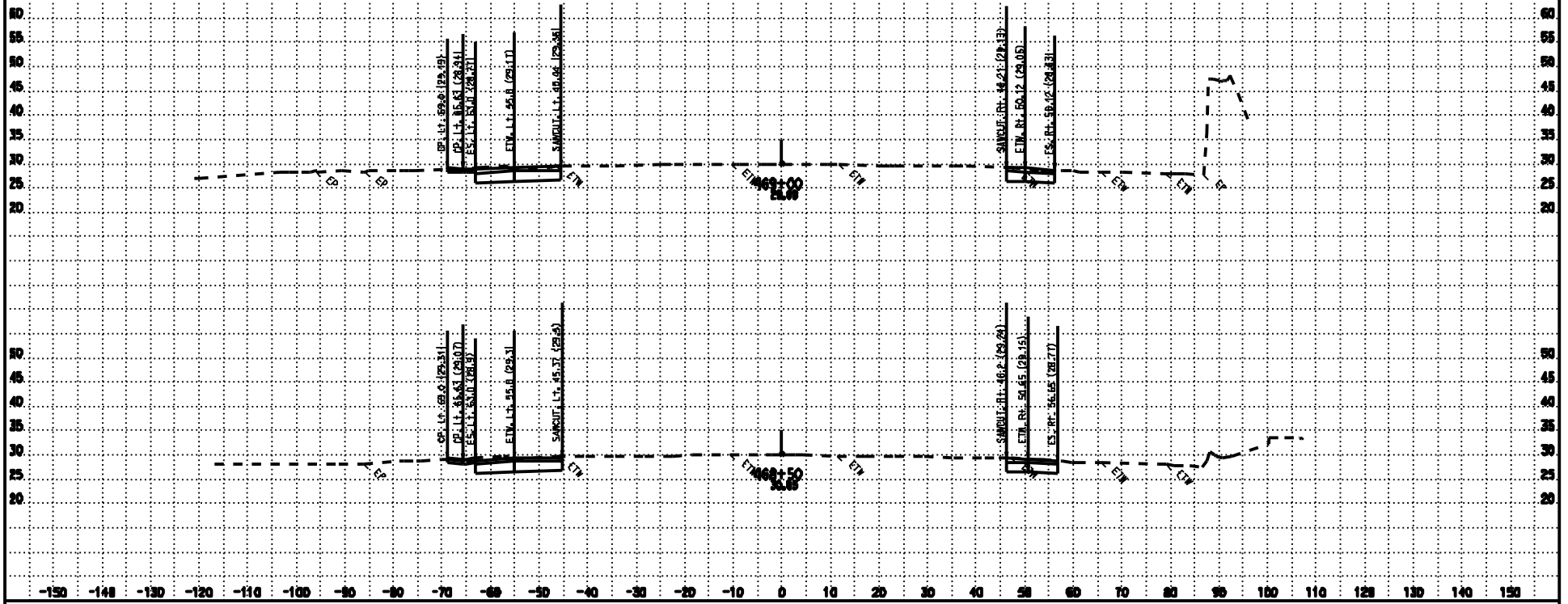
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calee\PROJECTS\07154\Calee_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 59 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 11/18/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

B4

CROSS SECTIONS

KC Project: 07154

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

All Dimensions are US Survey Feet

SHEET 70 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

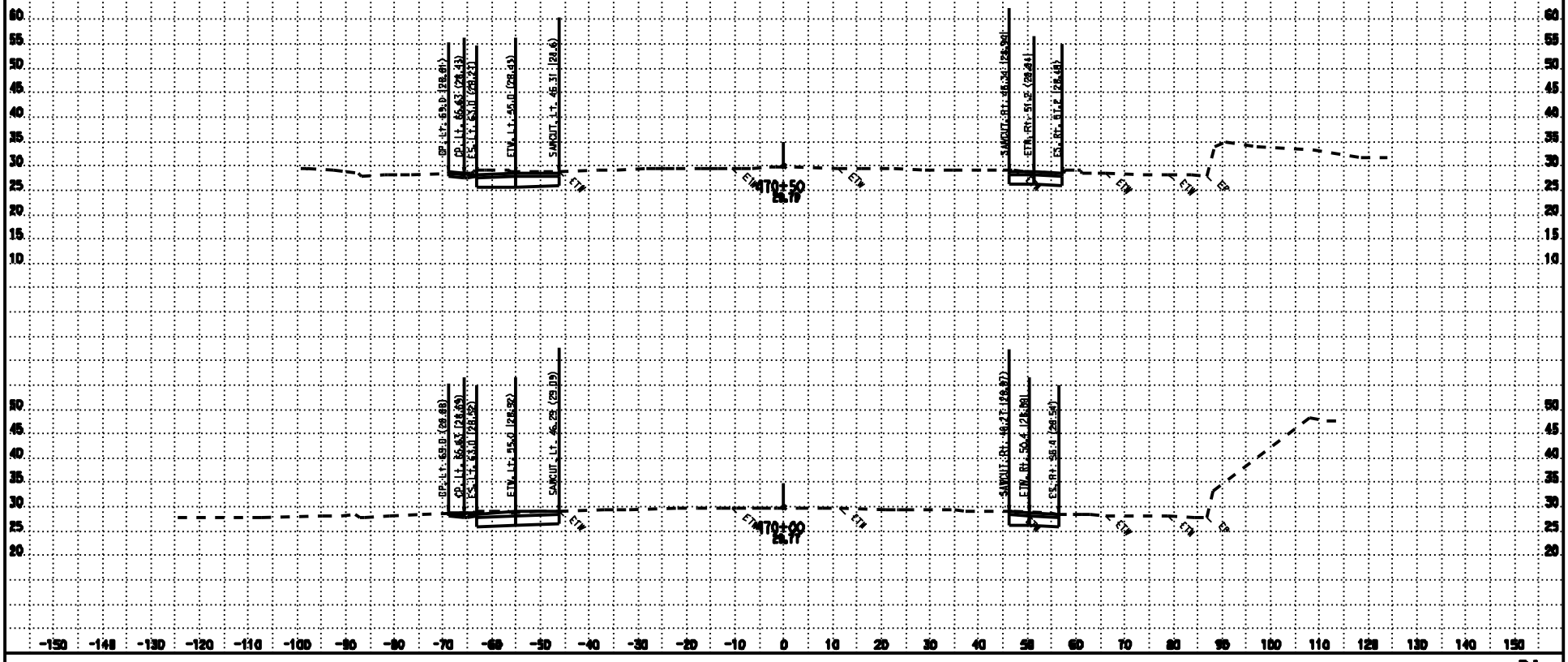
DATE: 11/18/2008
KC Project: 07154
File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E3901
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 71 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

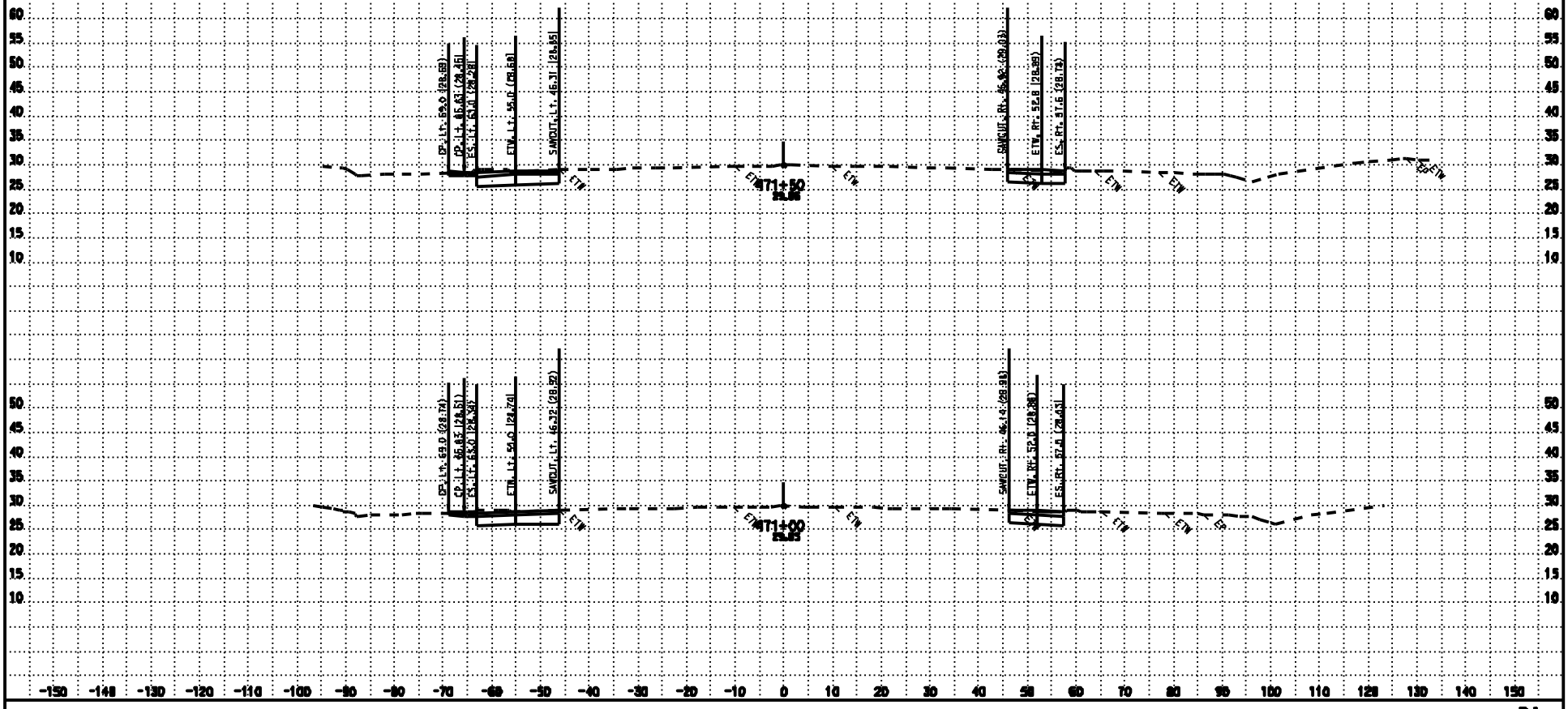
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 72 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

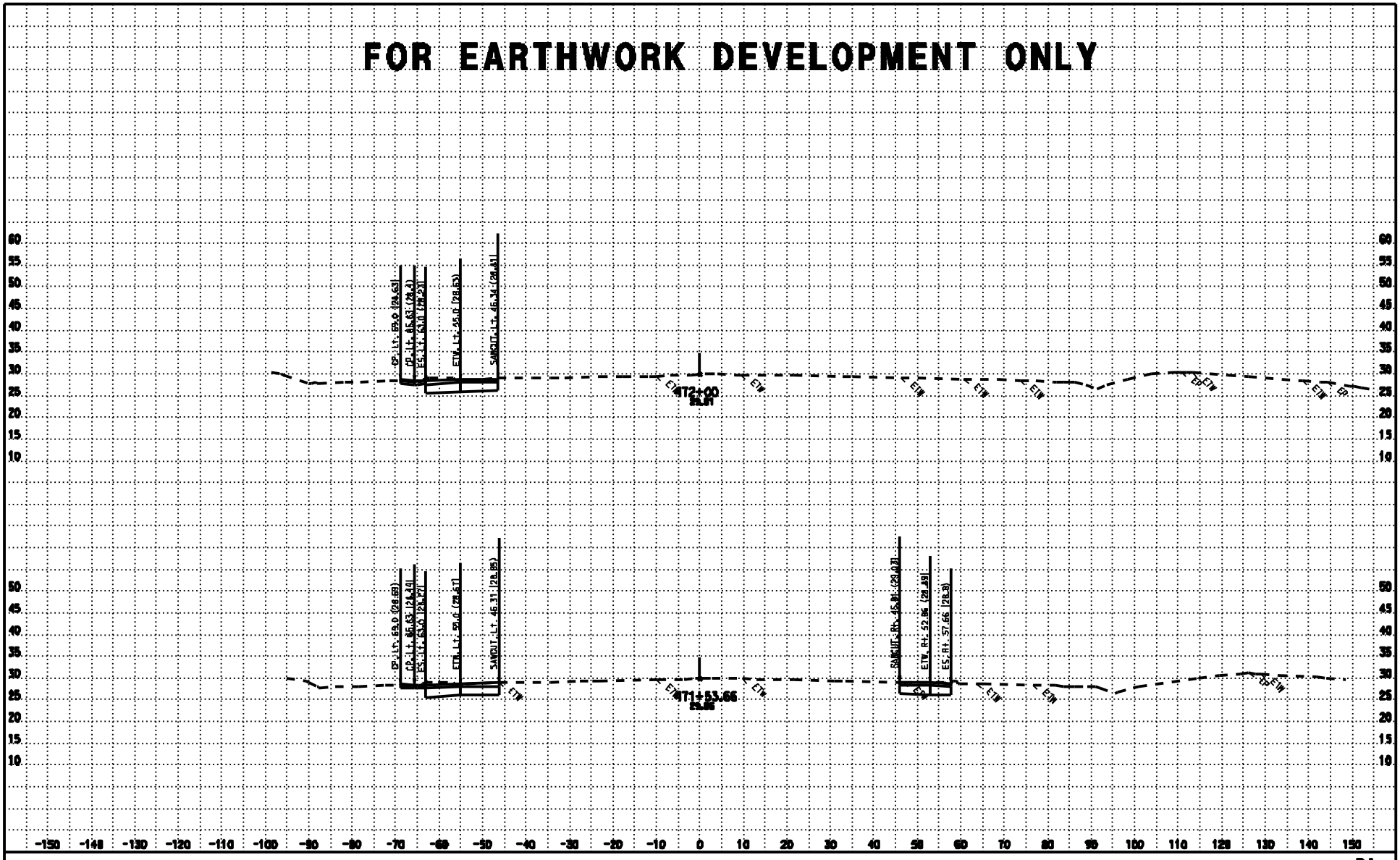
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

B4
CROSS SECTIONS
SHEET 73 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



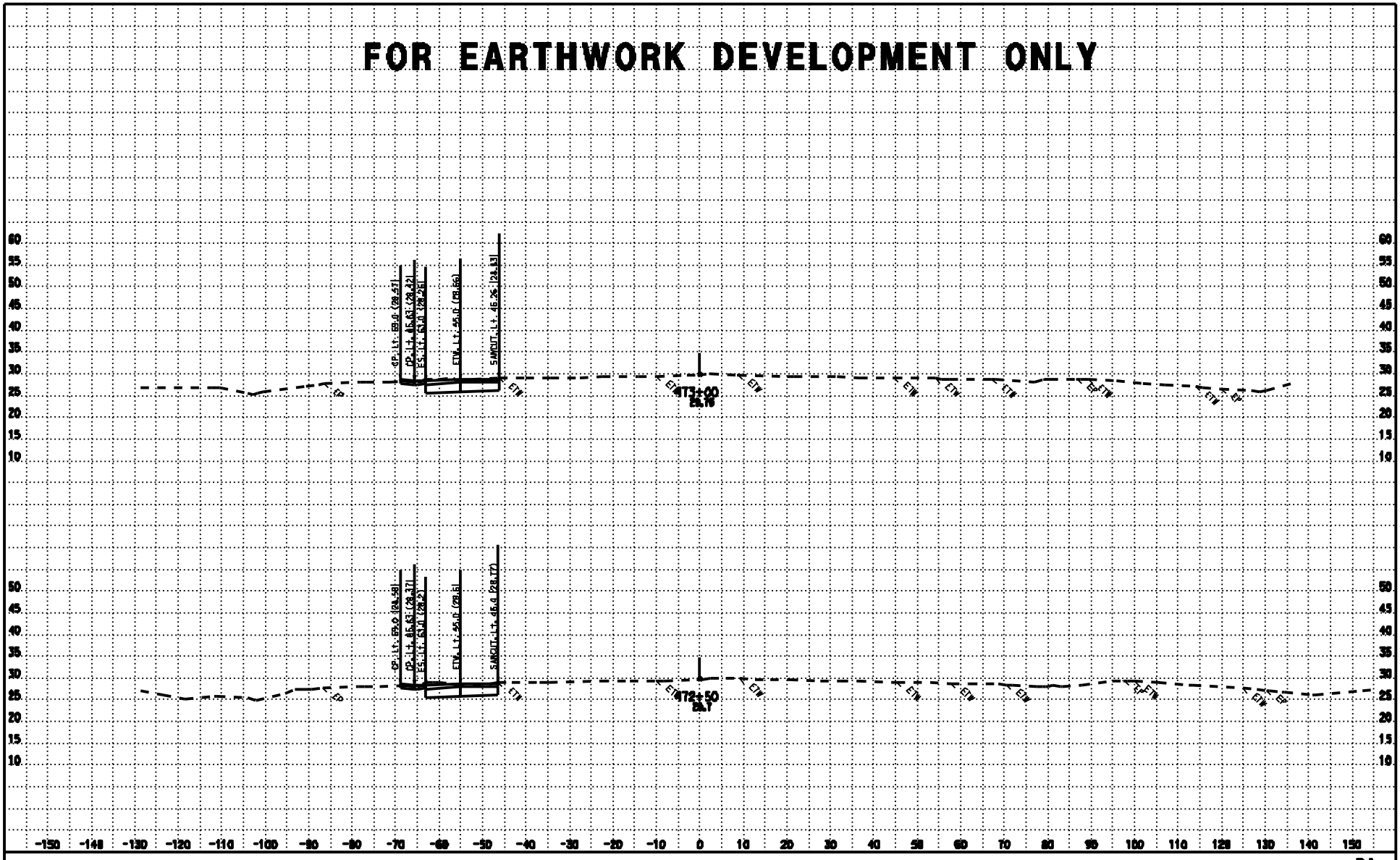
DATE: 11/18/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 74 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



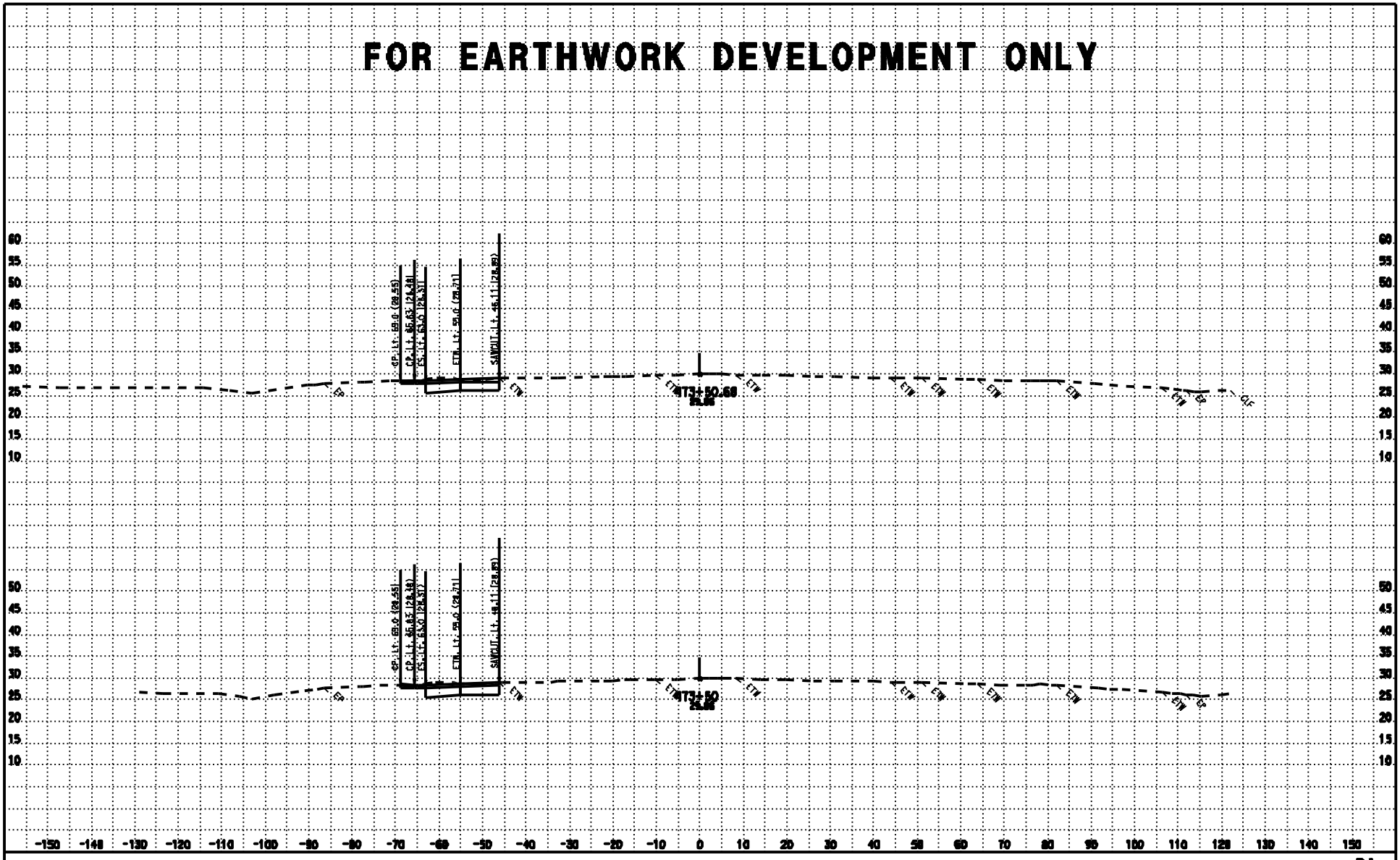
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 75 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



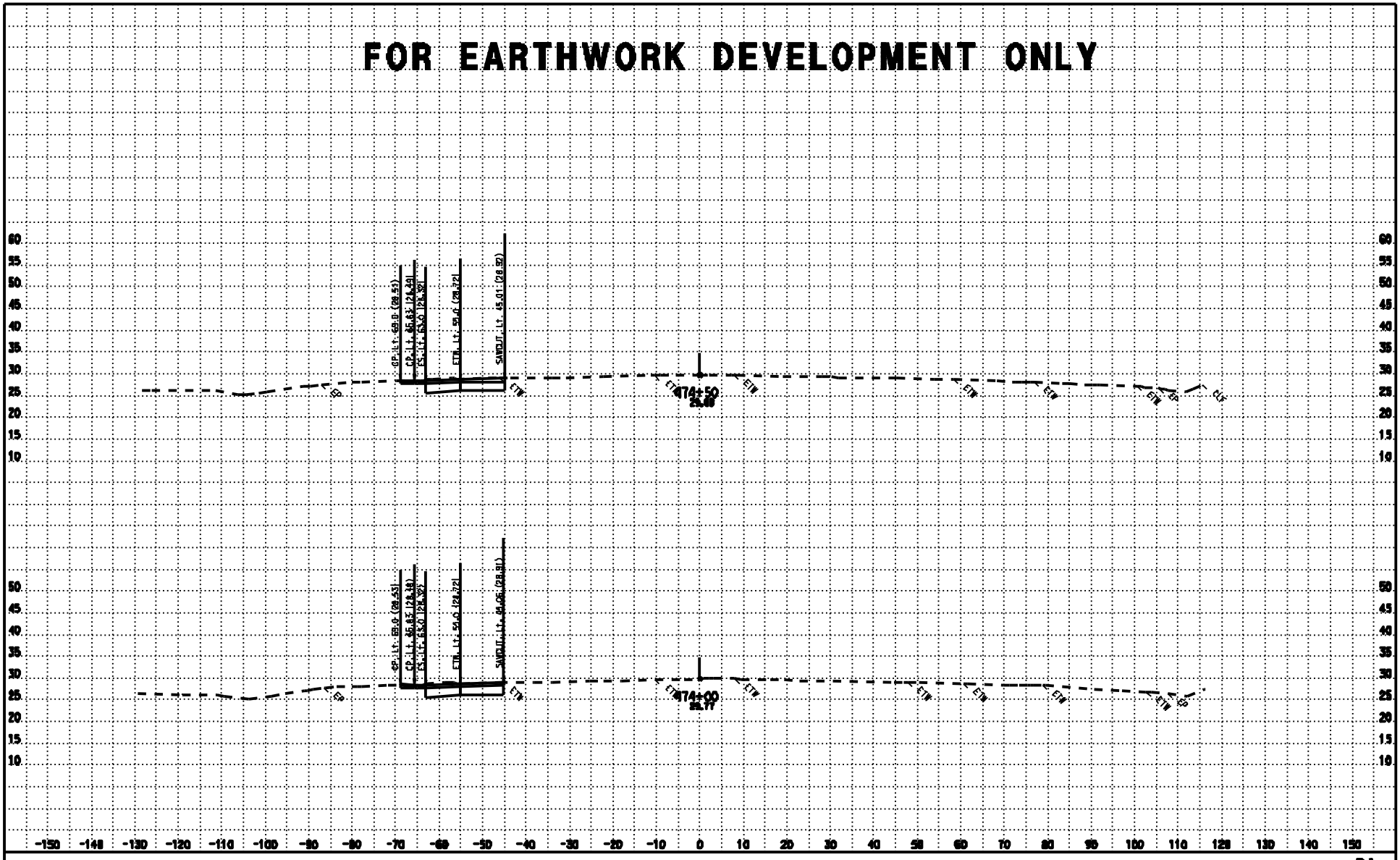
DATE: 11/18/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calaa\PROJECTS\07154\Calaa_Files\04_Mainline\ear\04_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

04
CROSS SECTIONS
SHEET 76 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



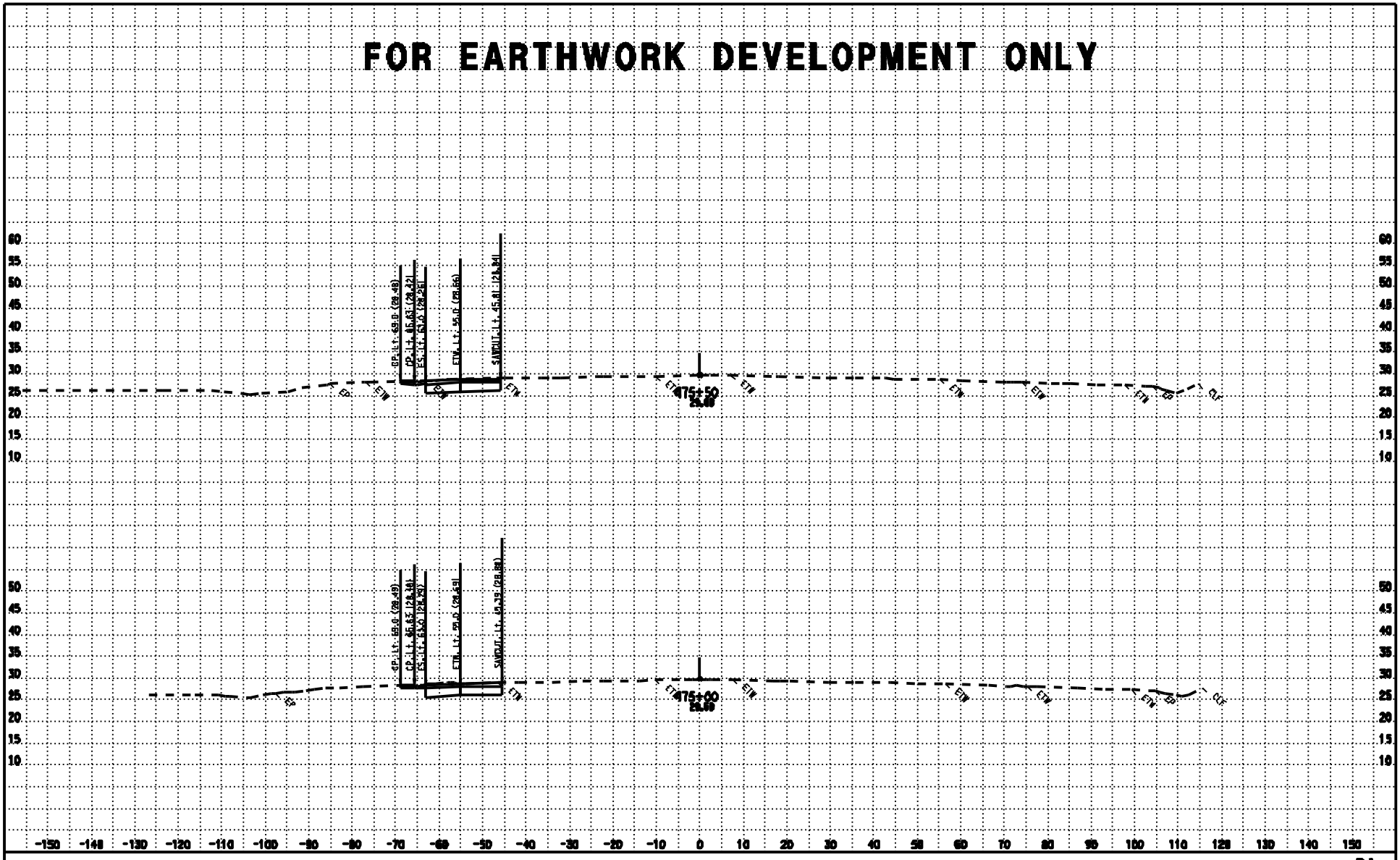
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\04_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 77 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



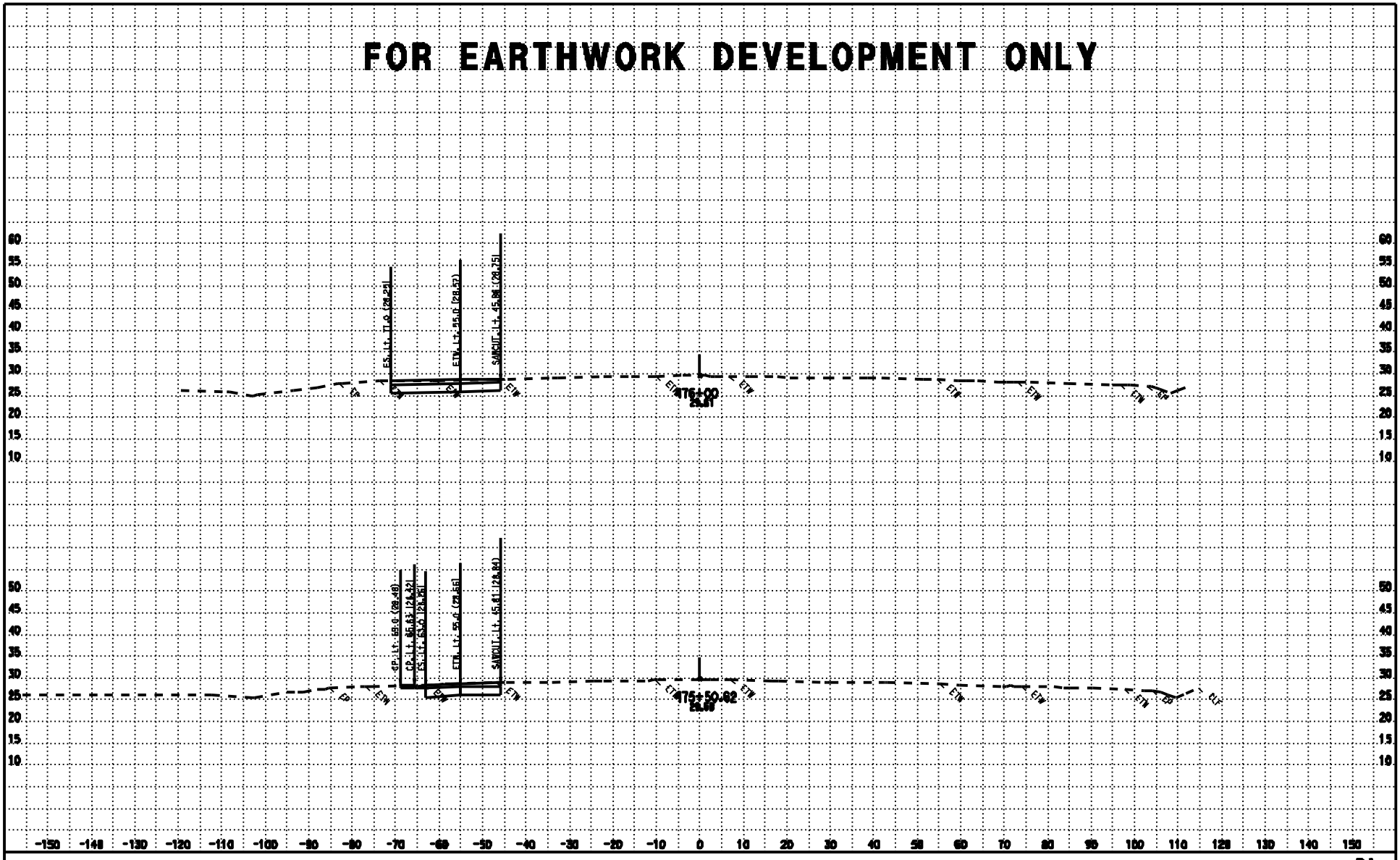
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 78 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 071154
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\071154\Calse_Files\B4_Mainline\ear\b4_design.ear
SCALE: 1" = 10' Horiz. 1" = 10' Vert.
All Dimensions are US Survey Feet
B4
CROSS SECTIONS
SHEET 79 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

CONTRACT: 3E39D1

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/18/2008

KC Project: 07154

File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ecr\b4_design.ecr

SCALE: 1" = 10' Horiz. 1" = 10' Vert.

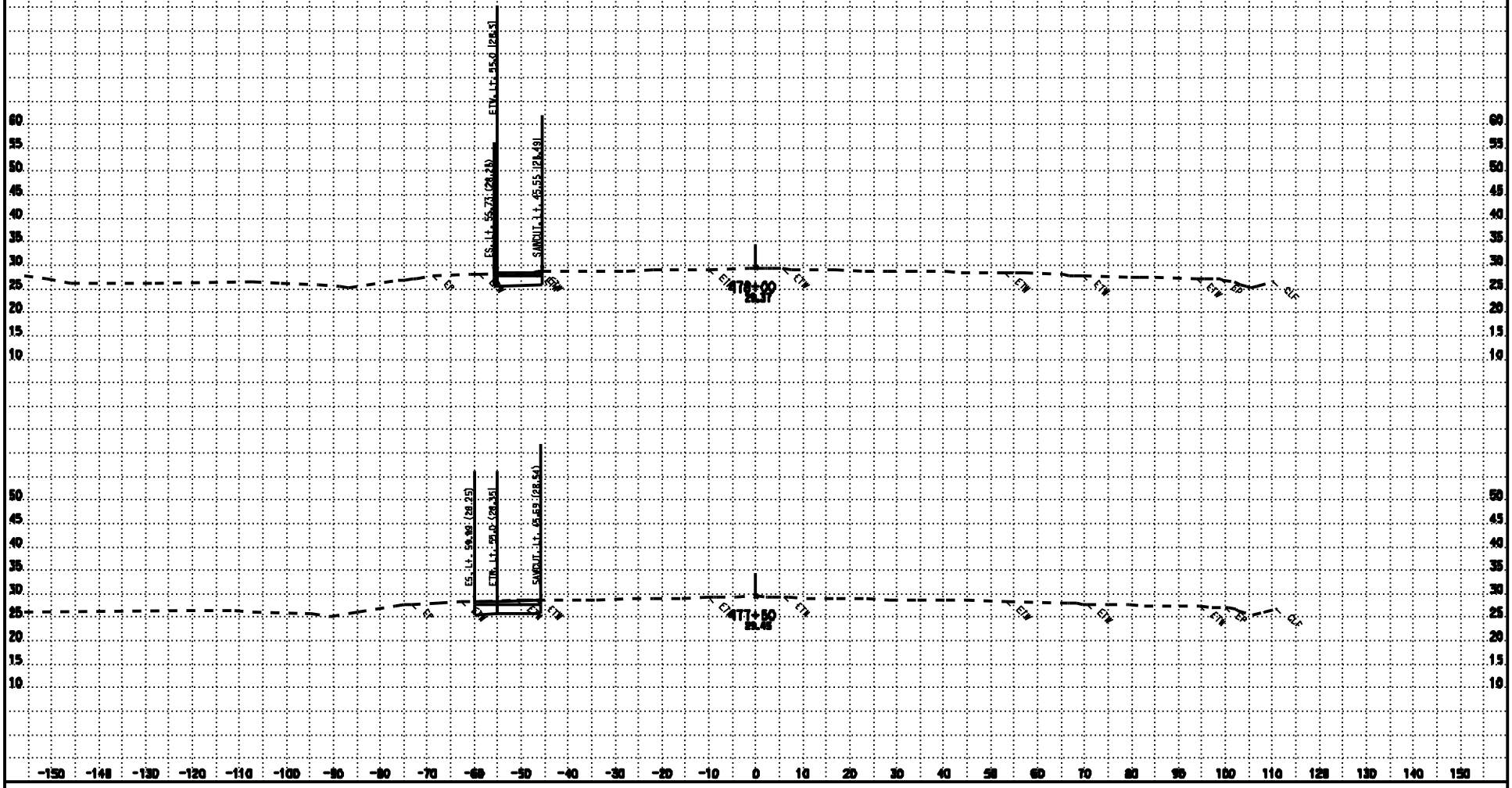
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 80 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 071154

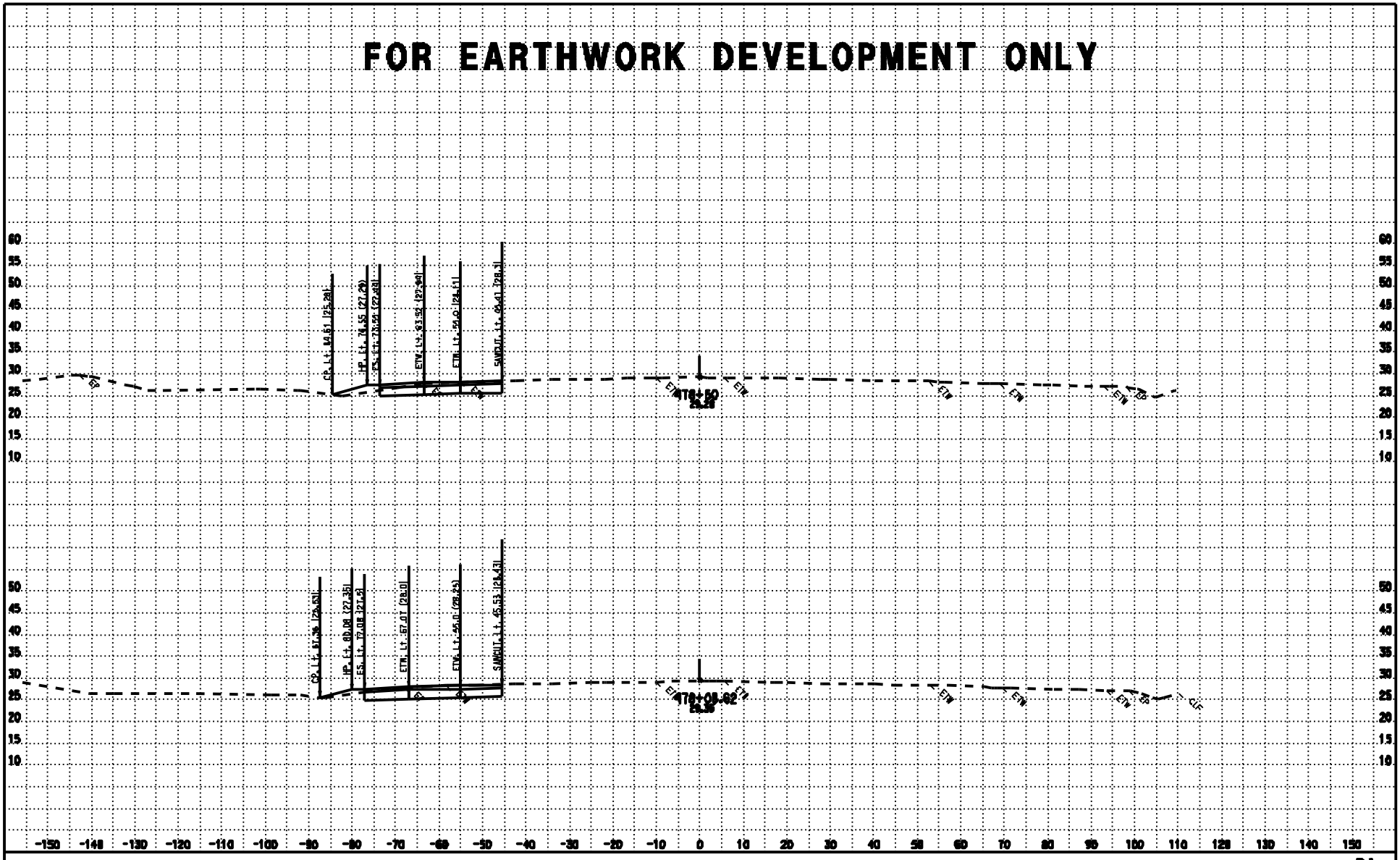
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\071154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 61 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

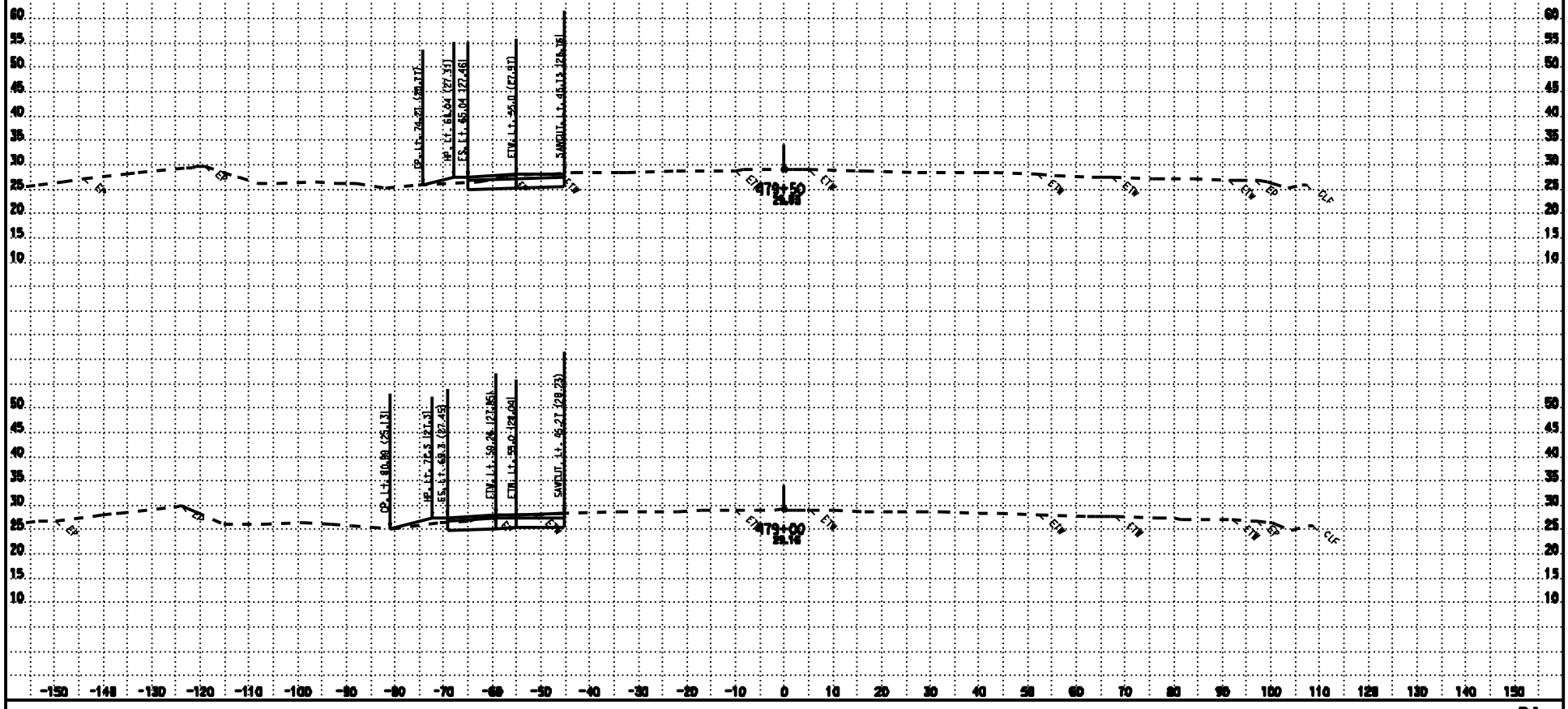
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 62 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

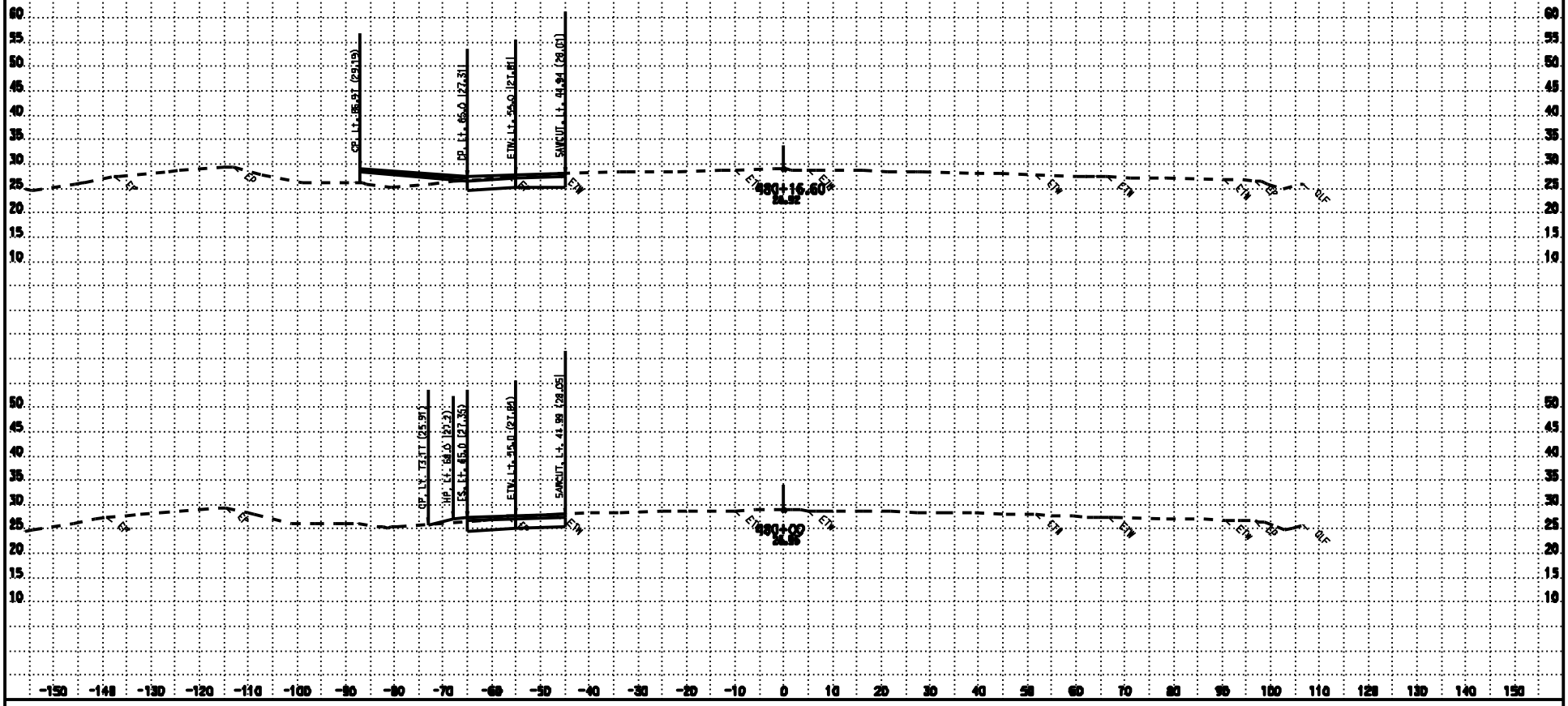
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

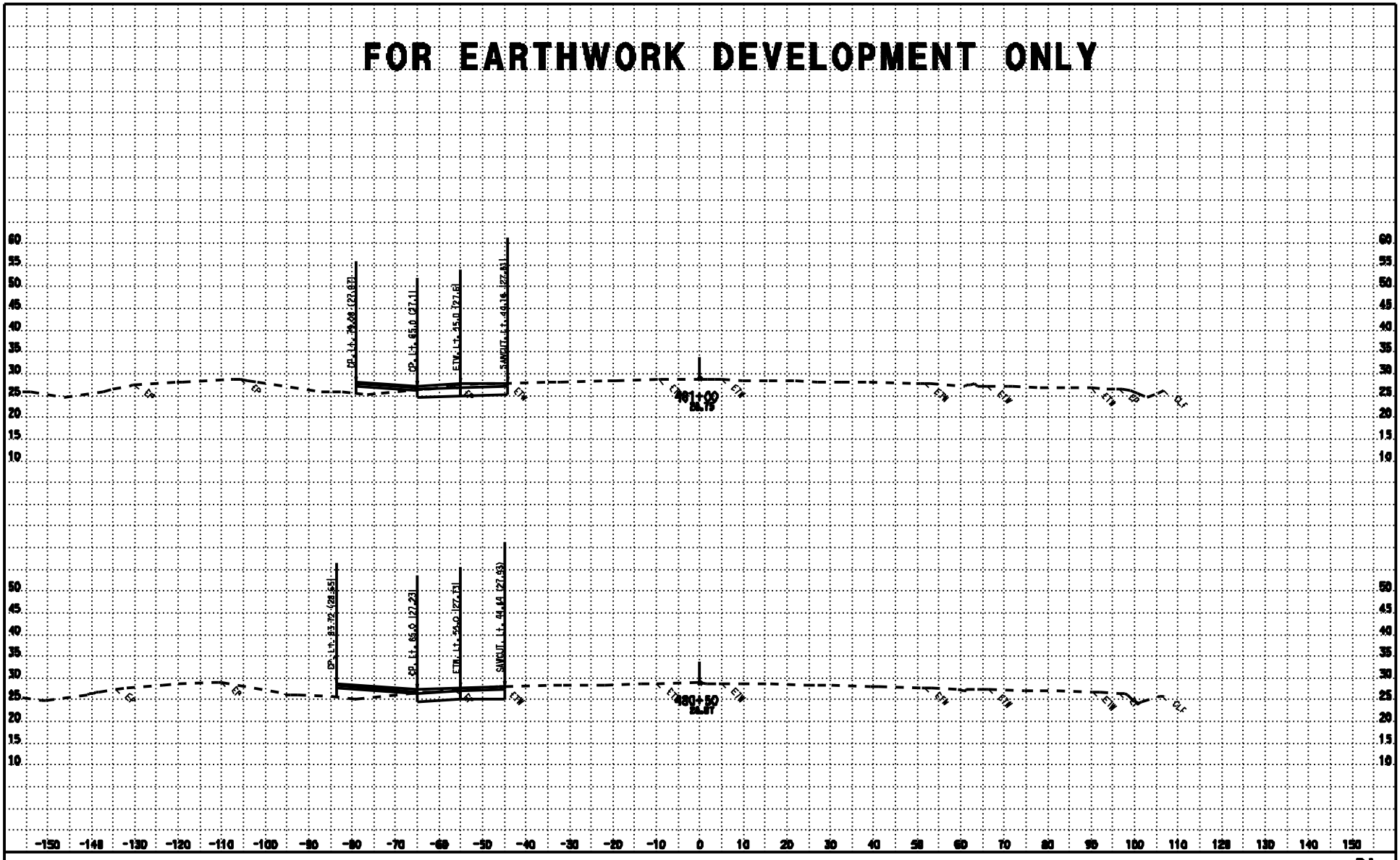
SHEET 63 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 071154
CONTRACT: 3E3801
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\071154\Calse_Files\B4_Mainline\ear\b4_design.ear
SCALE: 1" = 10' Horiz. 1" = 10' Vert.
All Dimensions are US Survey Feet
B4
CROSS SECTIONS
SHEET 64 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



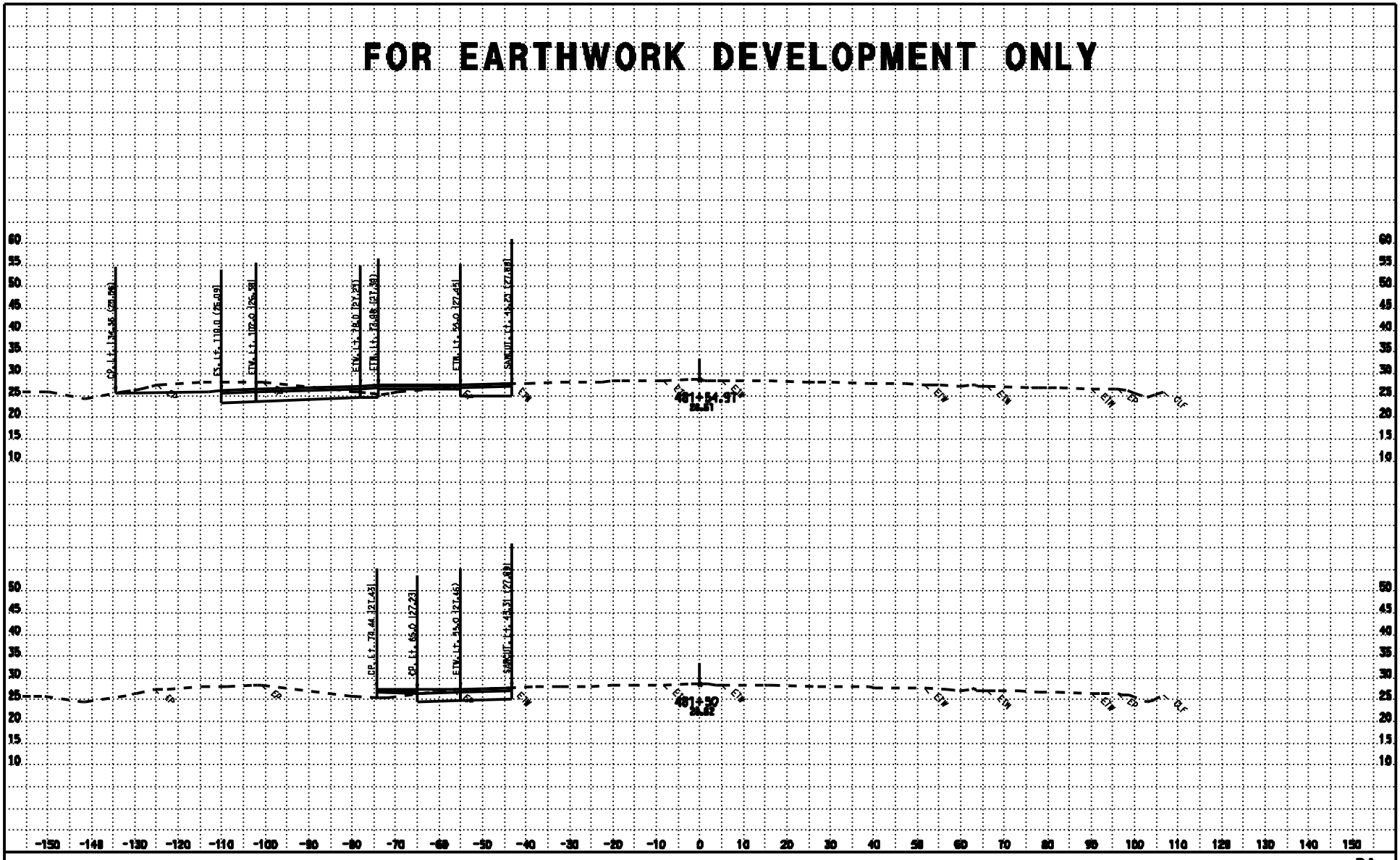
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 65 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

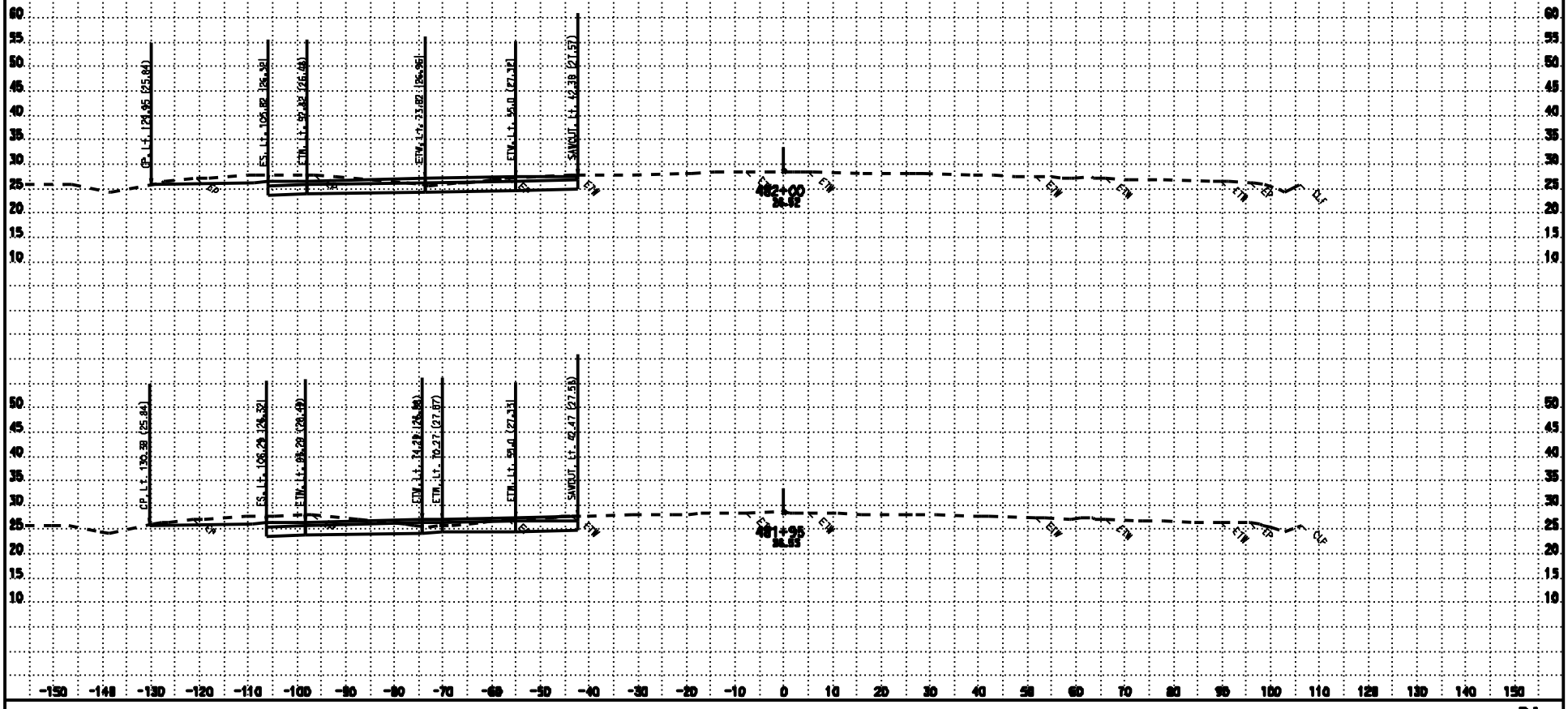
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 86 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



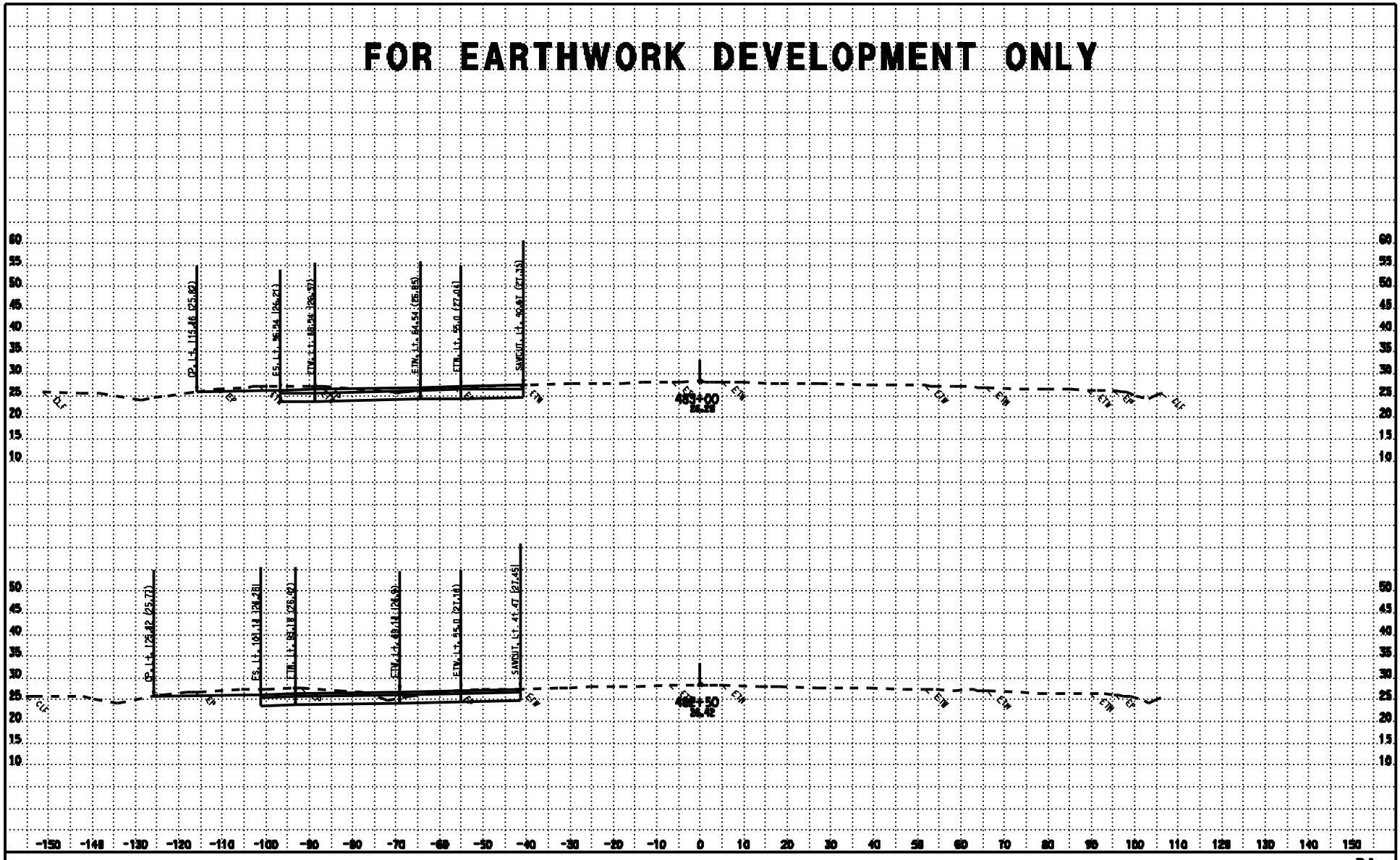
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calea\PROJECTS\07154\Calea_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 67 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



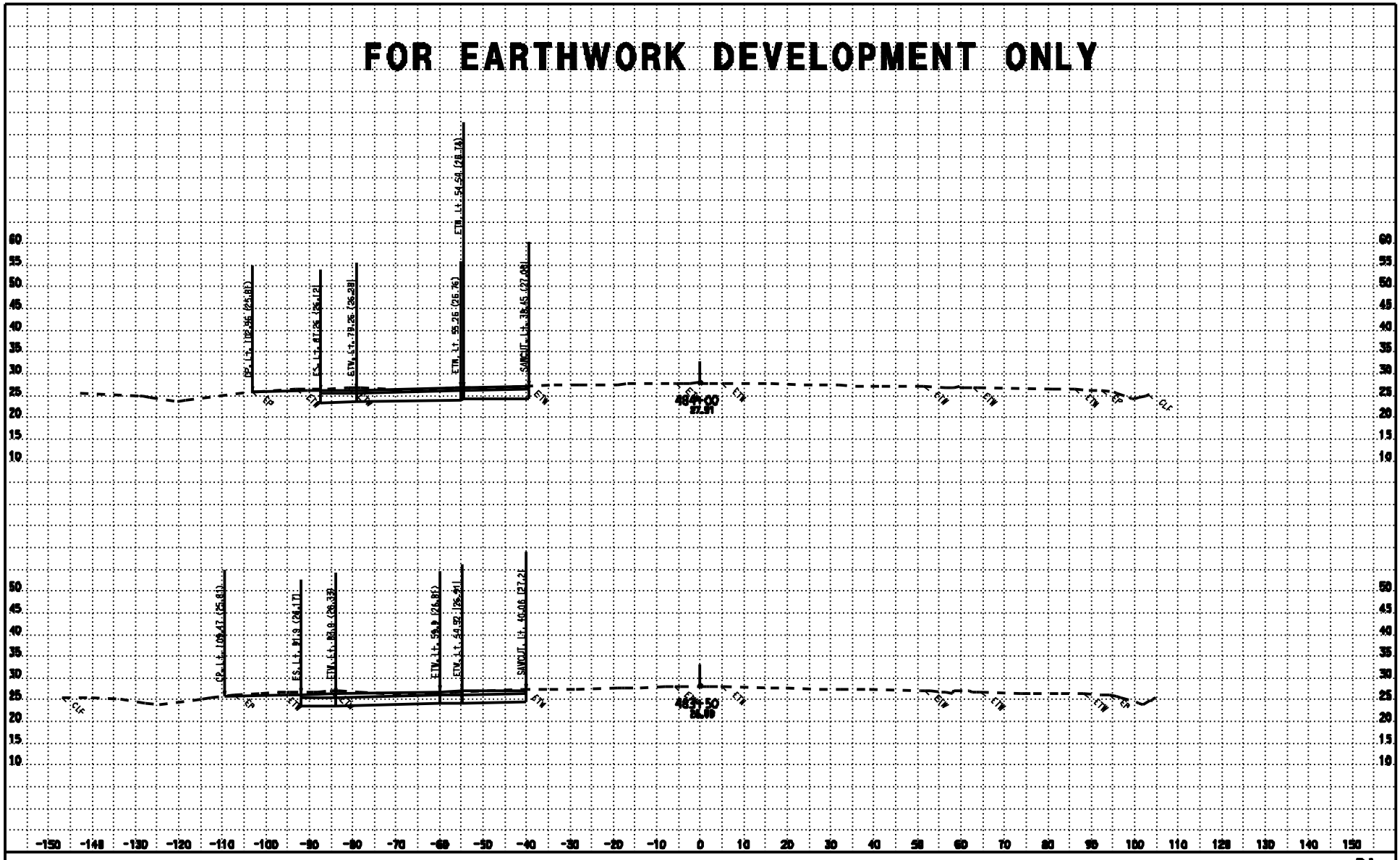
DATE: 11/18/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calea\PROJECTS\07154\Calea_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 68 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

DATE: 11/18/2009

KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 69 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

DATE: 11/18/2008
KC Project: 07154
File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ear\b4_design.ear

CONTRACT: 3E39D1
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

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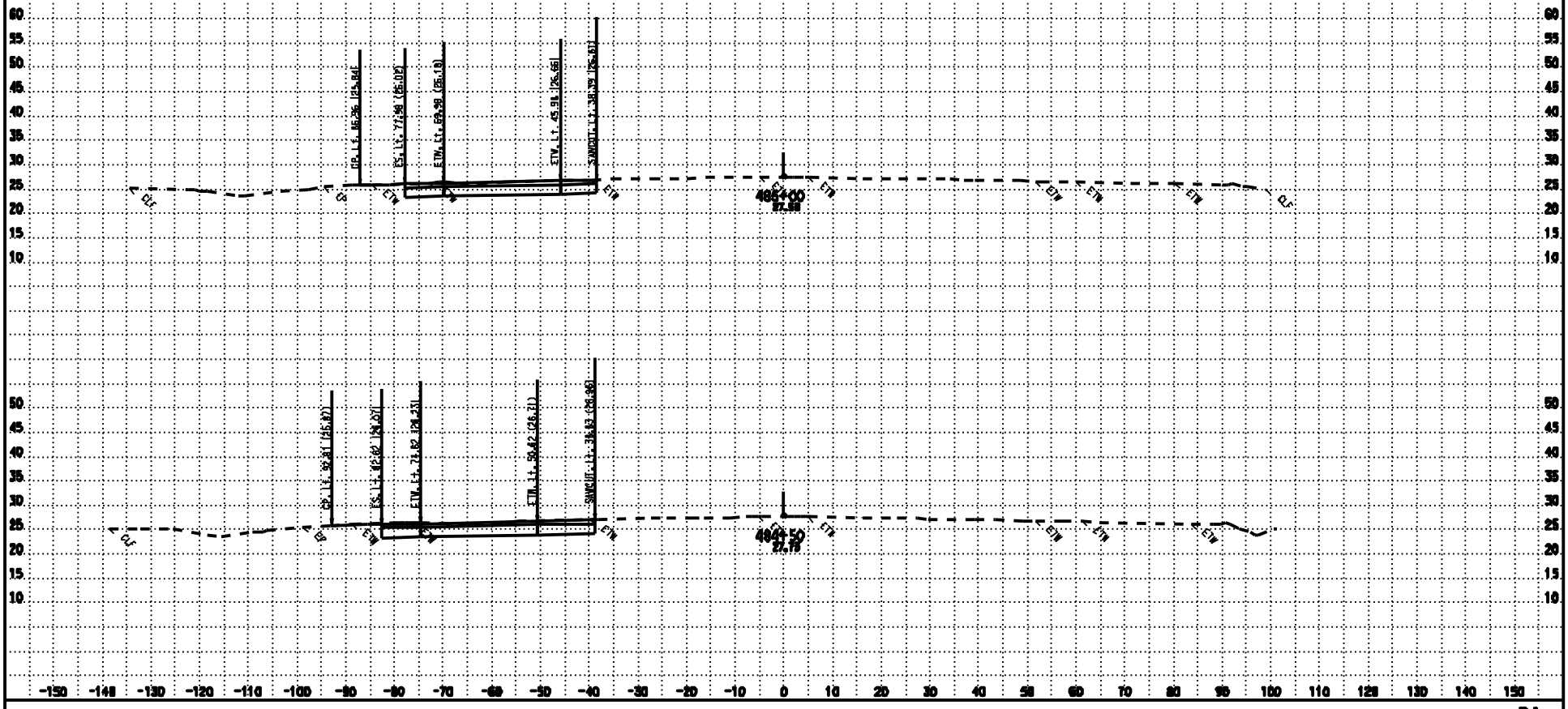
CROSS SECTIONS
SHEET 90 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



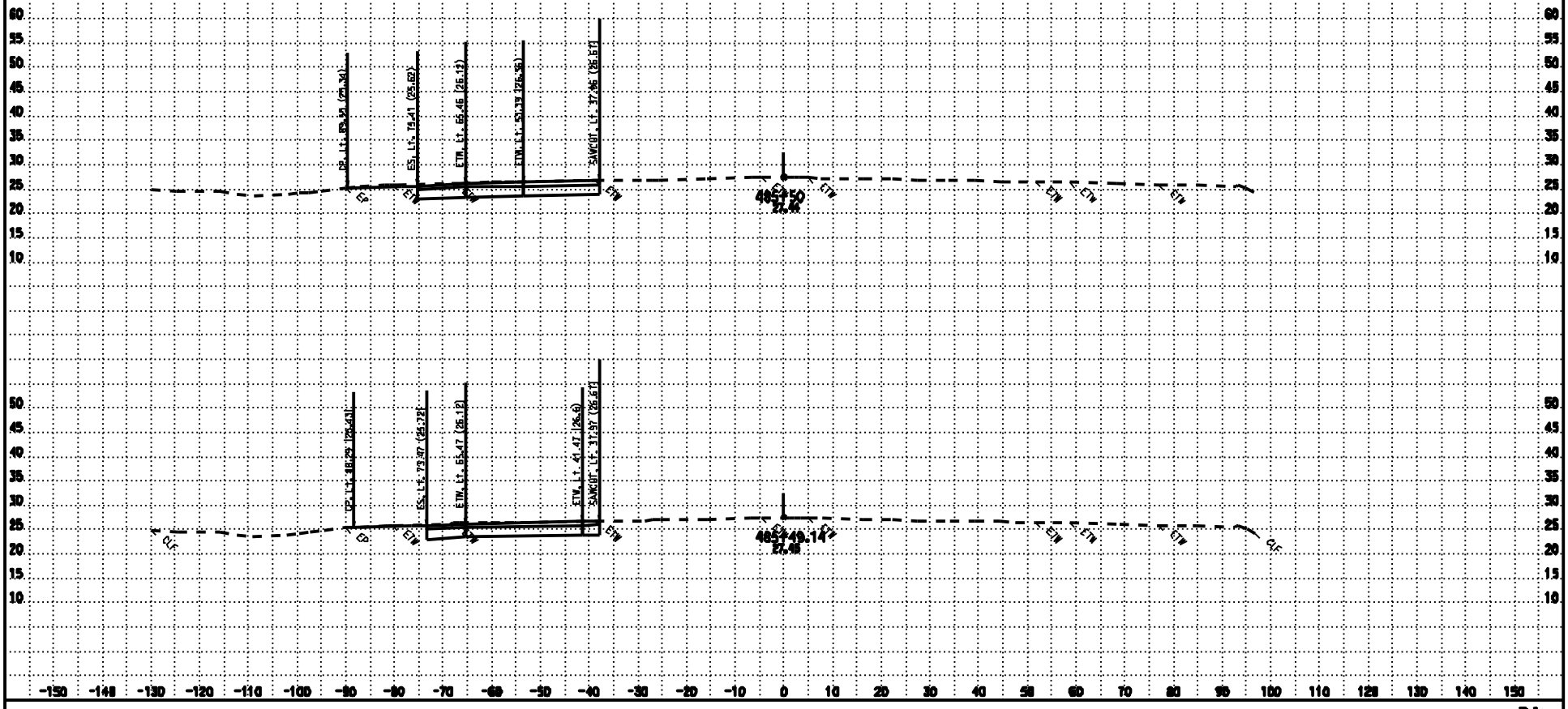
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 91 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 92 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

DATE: 11/18/2008

KC Project: 07154

File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ecr\b4_design.ecr

CONTRACT: 3E3901

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 93 OF 98

FOR EARTHWORK DEVELOPMENT ONLY

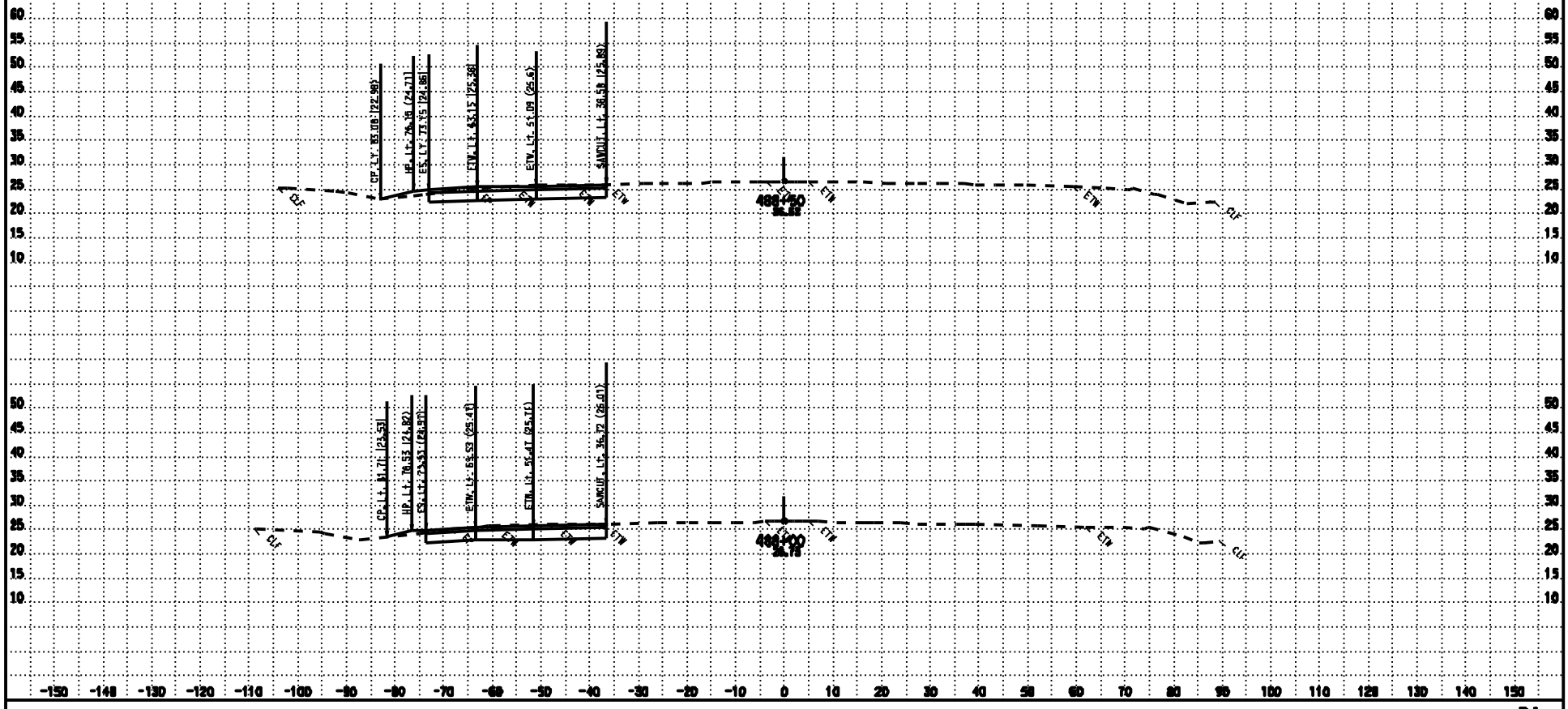
DATE: 11/10/2009
KC Project: 07154
File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\B4_Mainline\ecr\b4_design.ecr

CONTRACT: 3E39D1
DIST/CO/RTE/PM: 03/SAC/99/16.9-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 94 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

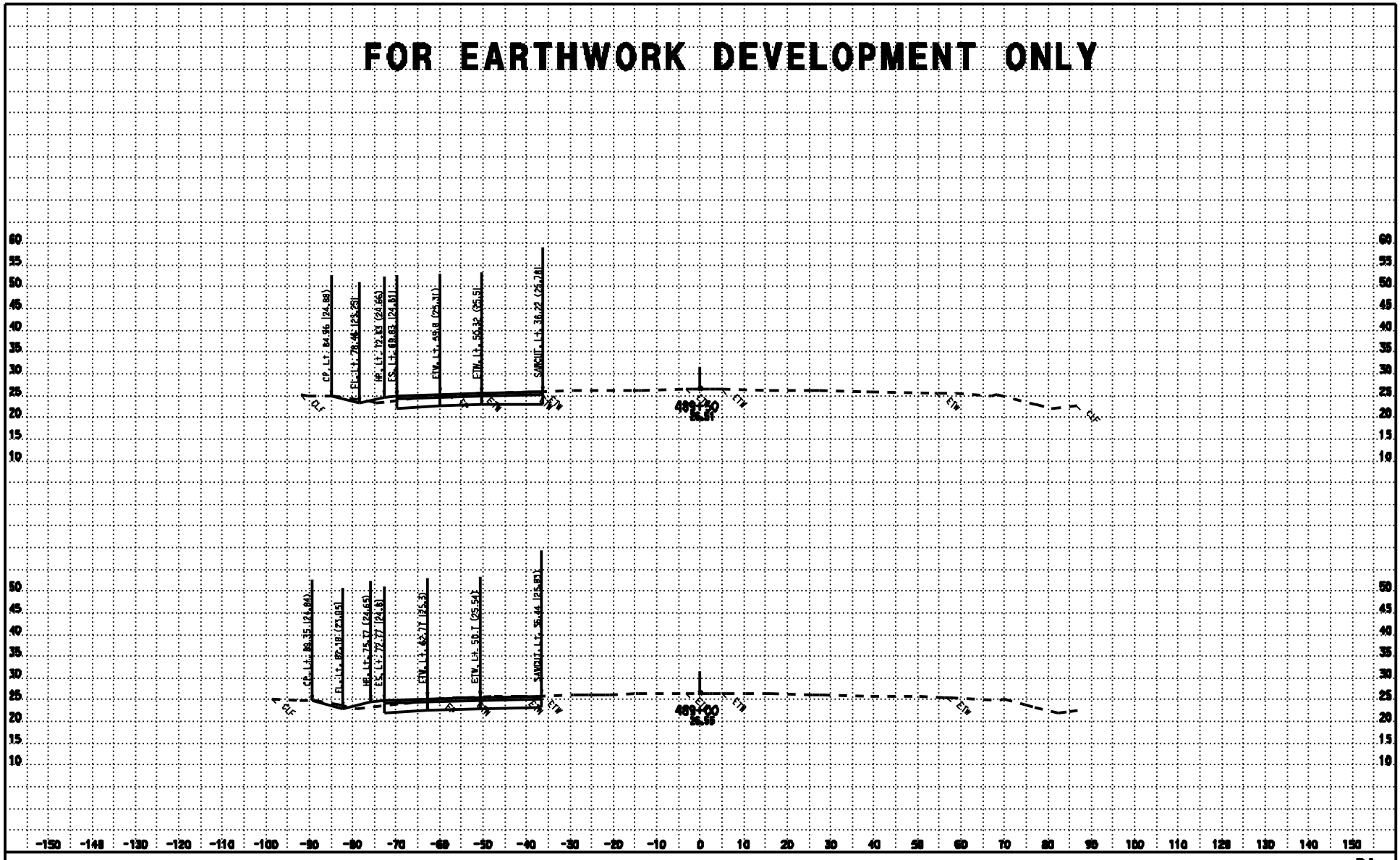
Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 95 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/18/2009
KC Project: 071154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

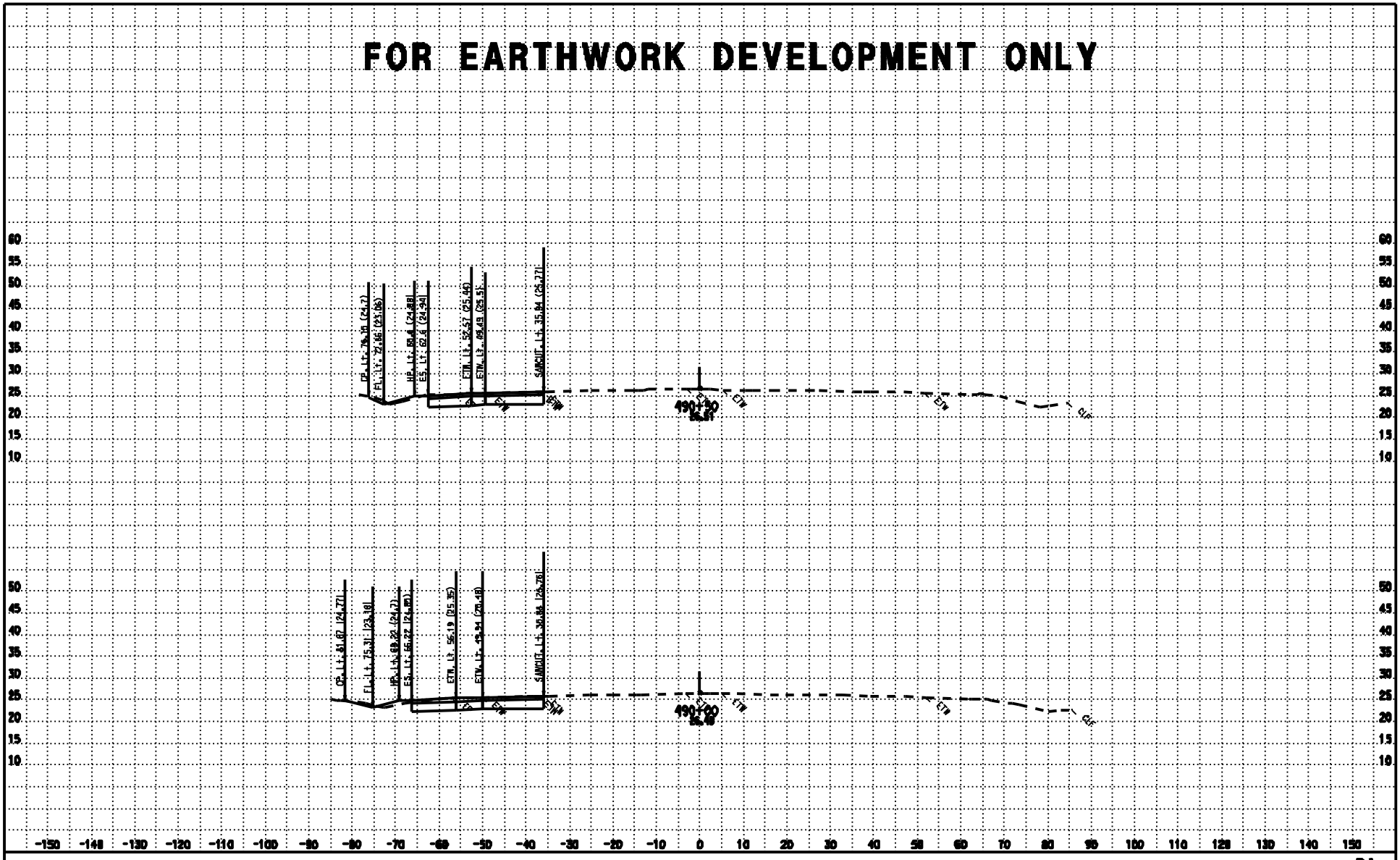
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\071154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 96 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



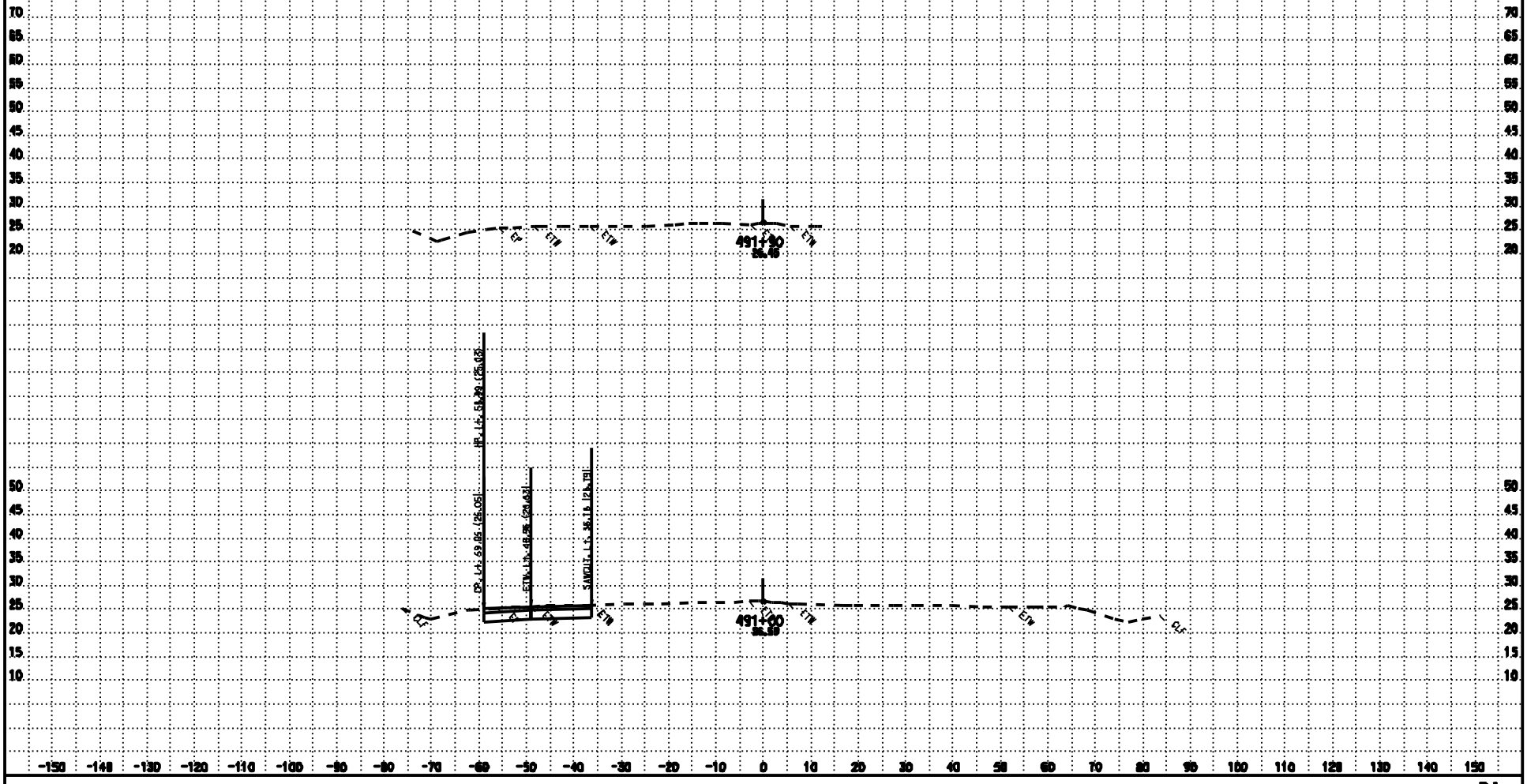
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

DATE: 11/18/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calse\PROJECTS\07154\Calse_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

B4
CROSS SECTIONS
SHEET 97 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 11/19/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\B4_Mainline\ear\b4_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

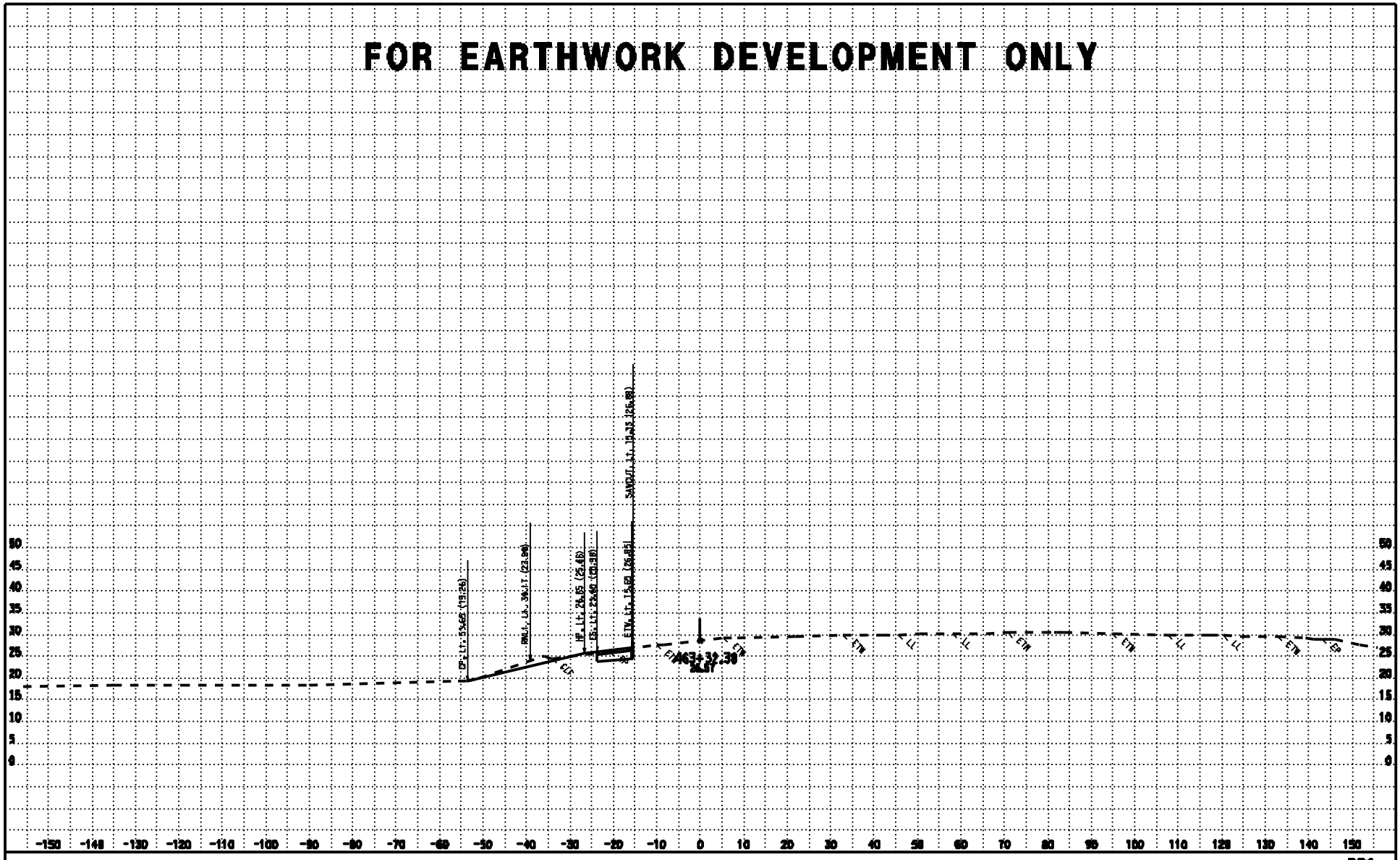
All Dimensions are US Survey Feet

B4

CROSS SECTIONS

SHEET 98 OF 98

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

BR1

CROSS SECTIONS

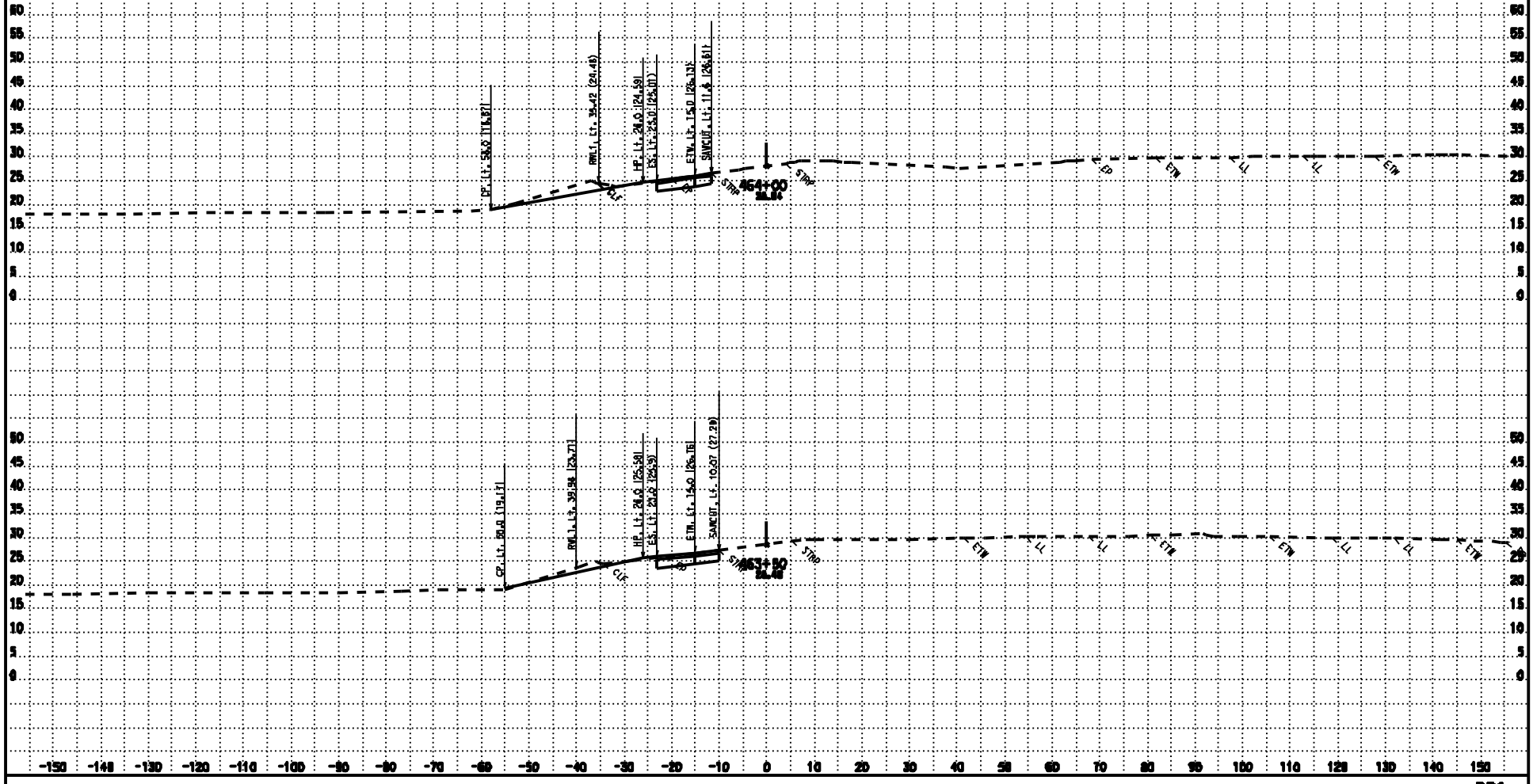
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\BR1_Brucevi1le\ear\br1_final_05_22_09.ear

All Dimensions are US Survey Feet

SHEET 1 OF 6

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\BR1_Brucevi l e\ear\br1_final_05_22_09.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

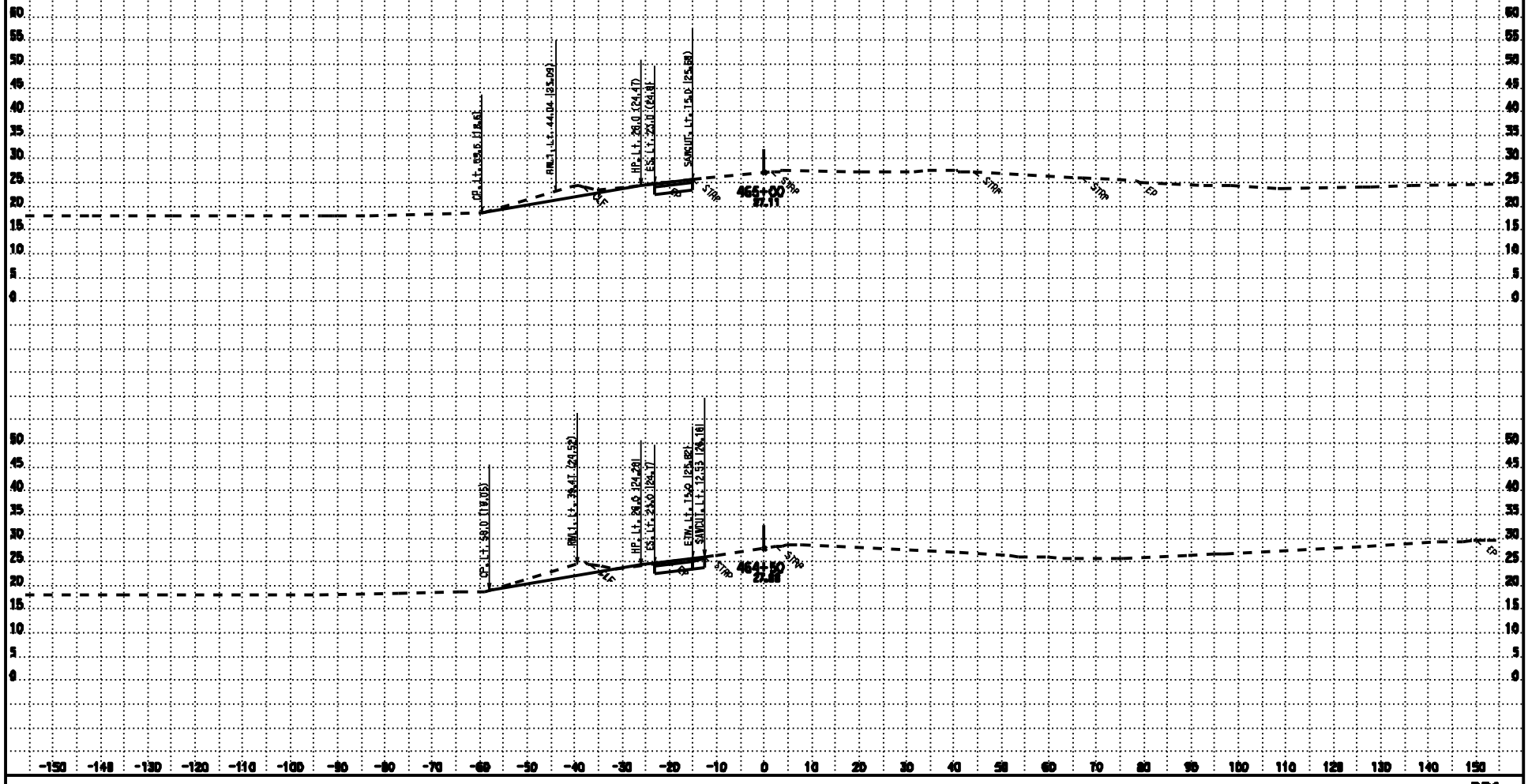
All Dimensions are US Survey Feet

BR1

CROSS SECTIONS

SHEET 2 OF 6

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E390I

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

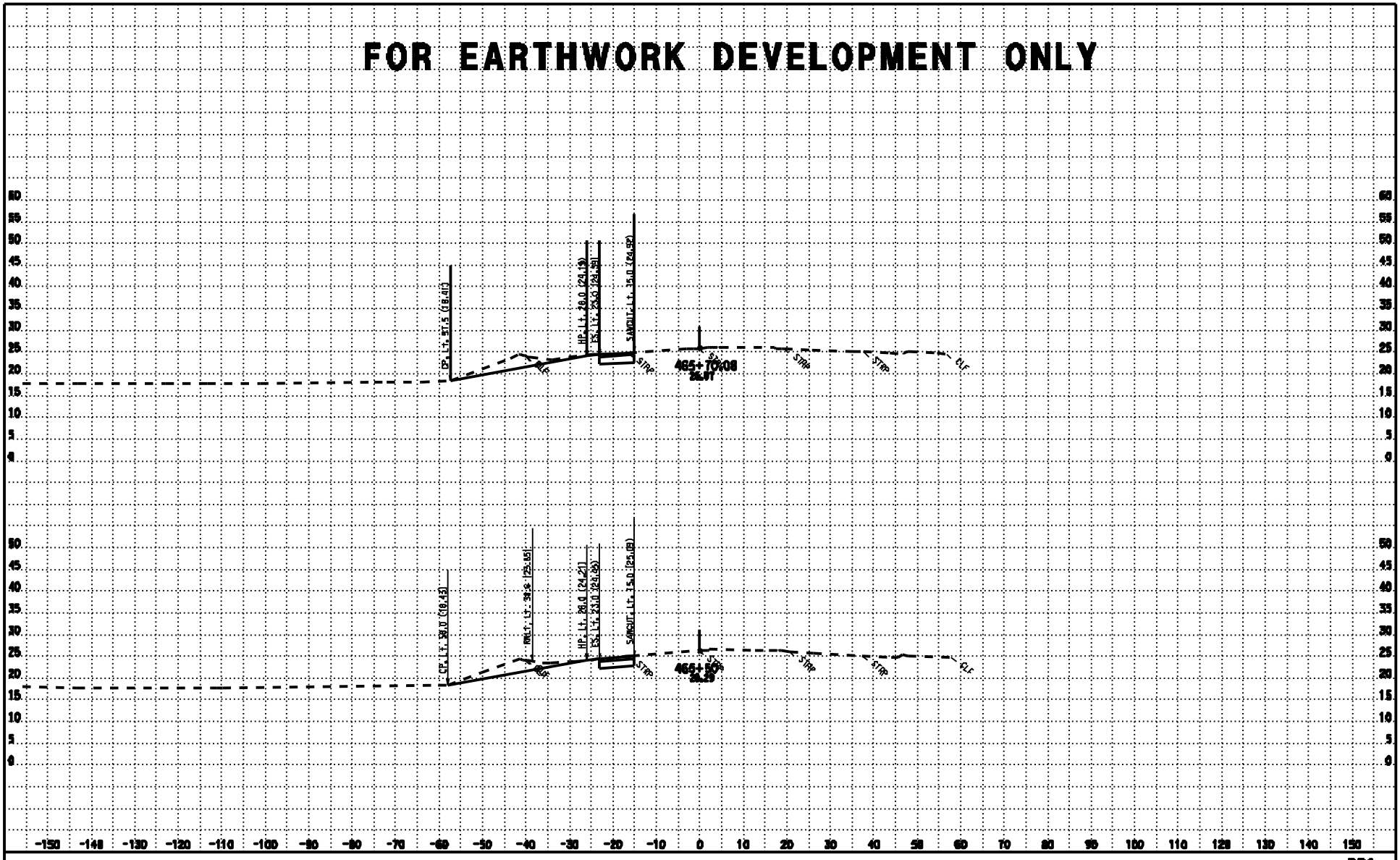
BR1
CROSS SECTIONS

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\BR1_Bruceville\ear\br1_final_05_22_09.ear

All Dimensions are US Survey Feet

SHEET 3 OF 6

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\BR1_Bruceville\ear\br1_final_05_22_09.ear

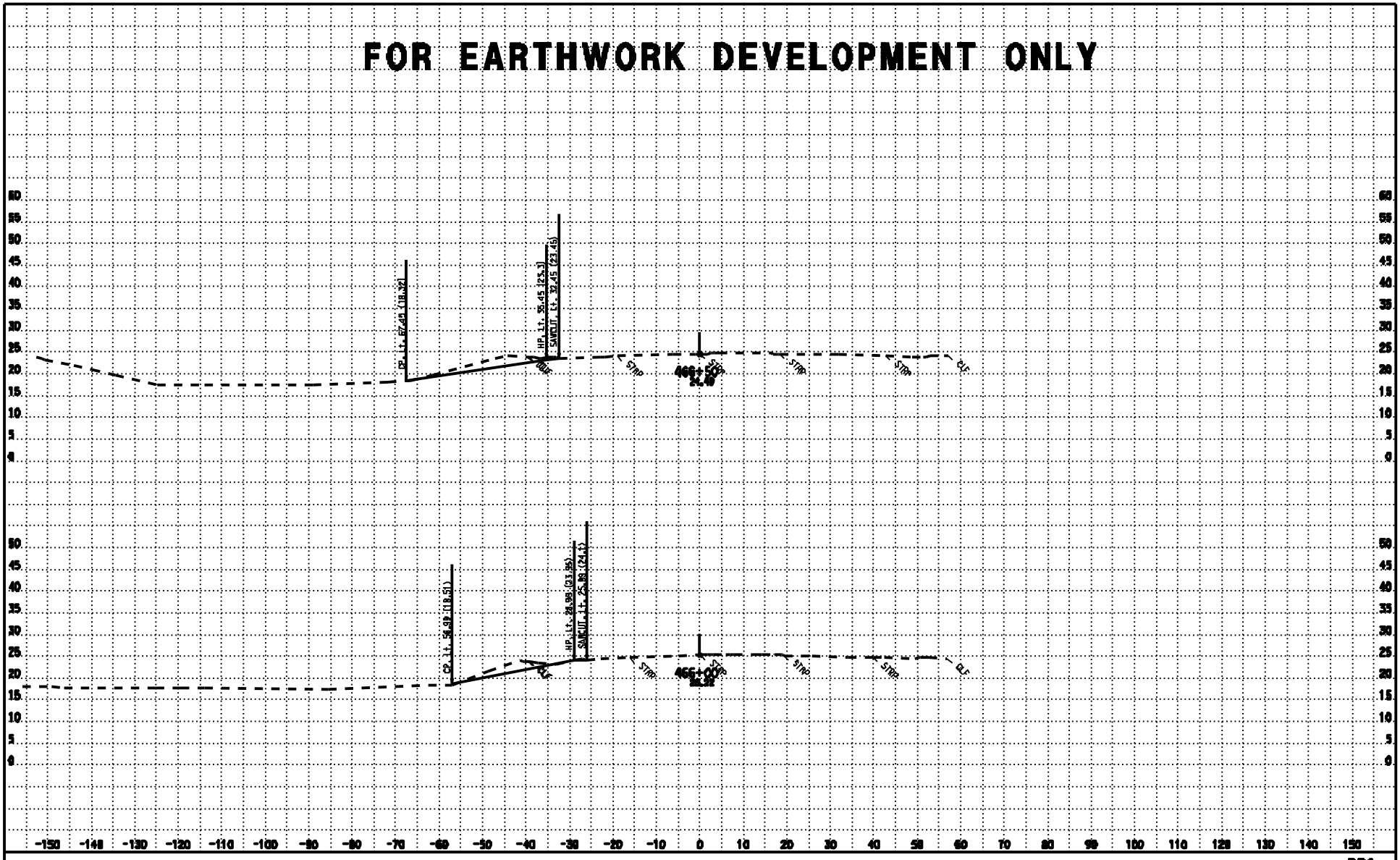
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

BR1
CROSS SECTIONS

SHEET 4 OF 6

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\BR1_Bruceville\ear\br1_final_05_22_09.ear

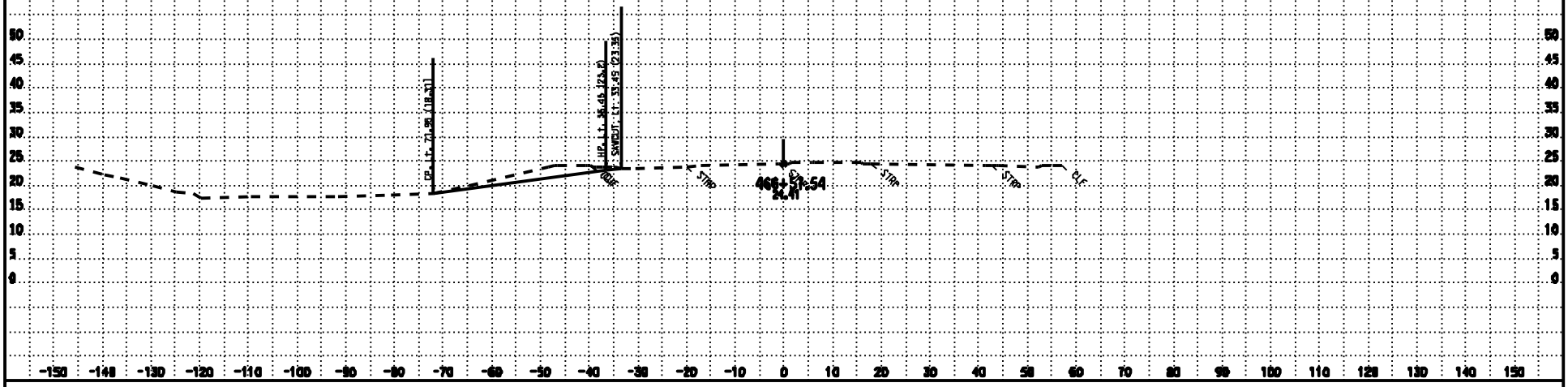
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

BR1
CROSS SECTIONS

SHEET 5 OF 6

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

Files: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\BR1_Bruceville\ear\br1_final_05_22_09.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

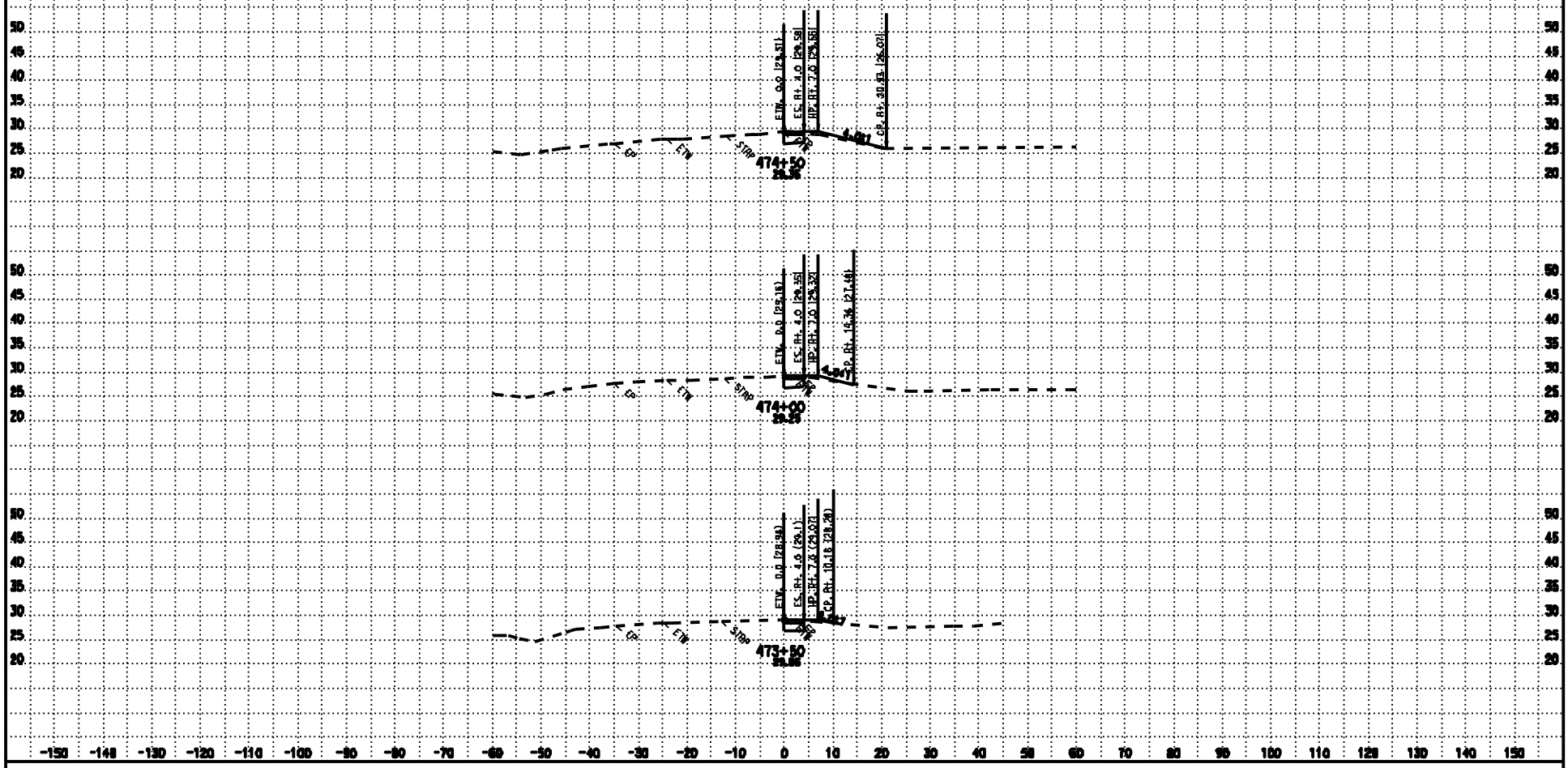
All Dimensions are US Survey Feet

BR1

CROSS SECTIONS

SHEET 6 OF 6

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz. 1" = 10' Vert.

M1

CROSS SECTIONS

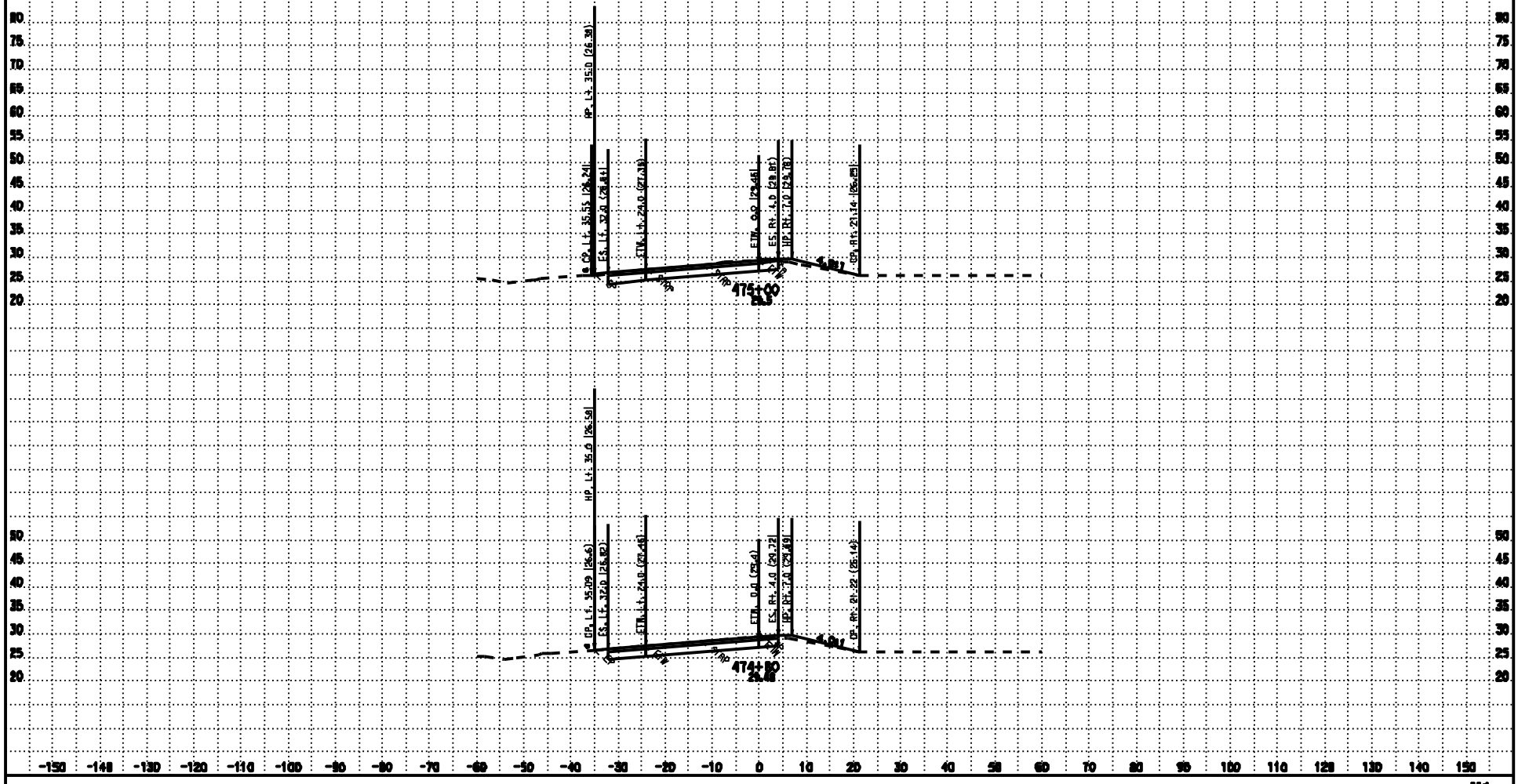
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\M1_MackRd_Offramp\acr\m1_design.acr

All Dimensions are US Survey Feet

SHEET 1 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



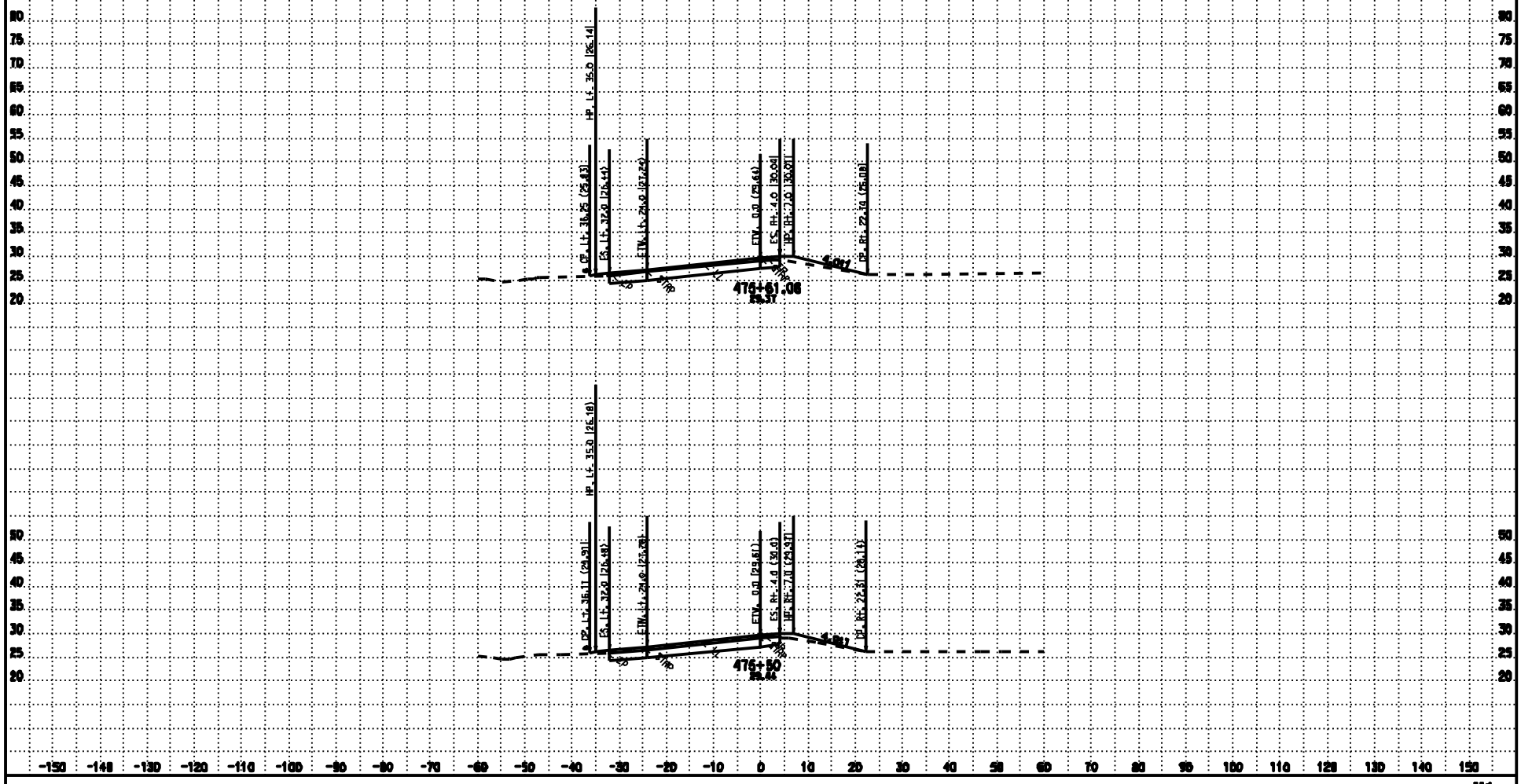
DATE: 10/8/2009
KC Project: 071154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calea\PROJECTS\071154\Calea_Files\M1_MackRd_Offramp\ear\m1_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

M1
CROSS SECTIONS
SHEET 2 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

CROSS SECTIONS

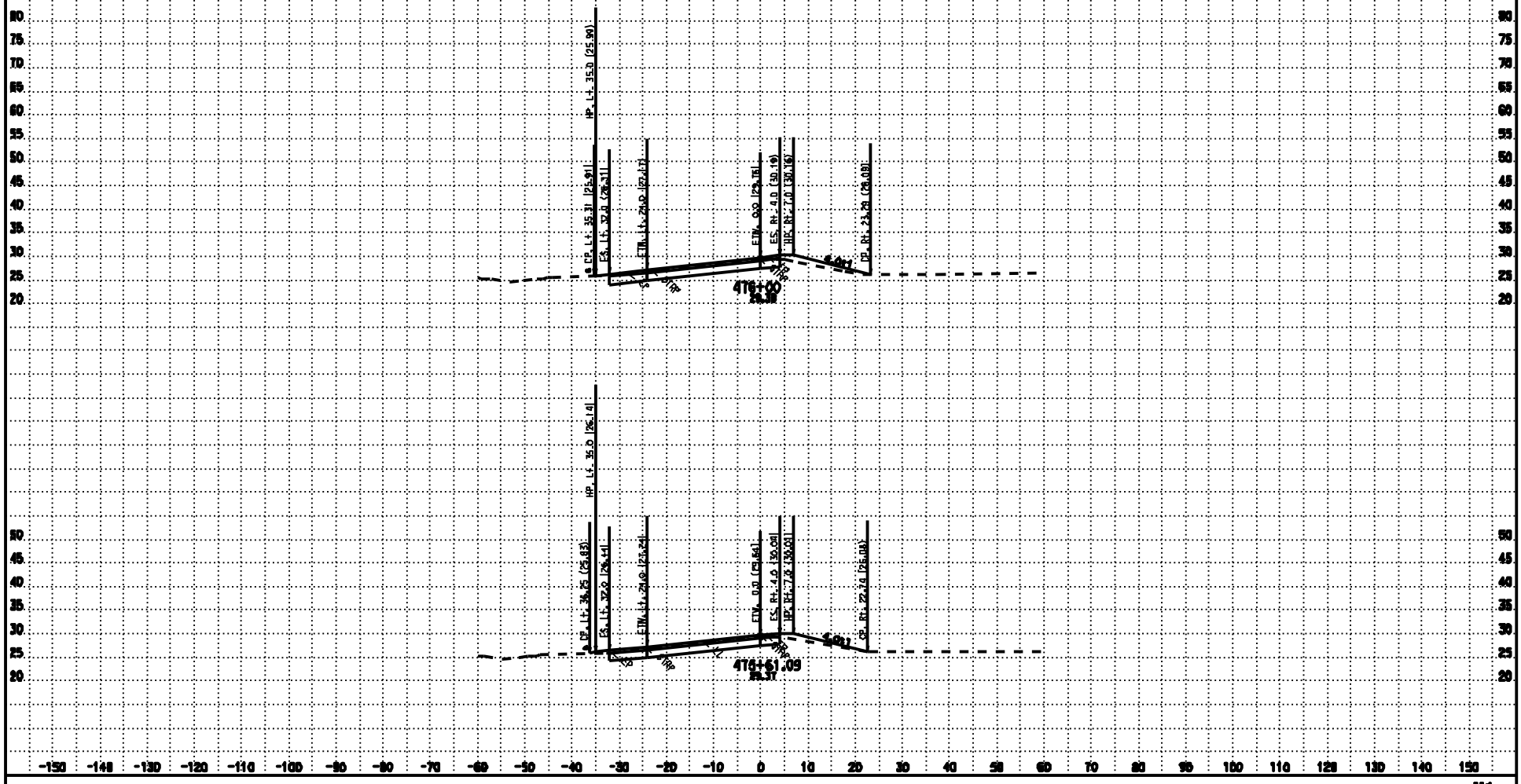
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 3 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

CROSS SECTIONS

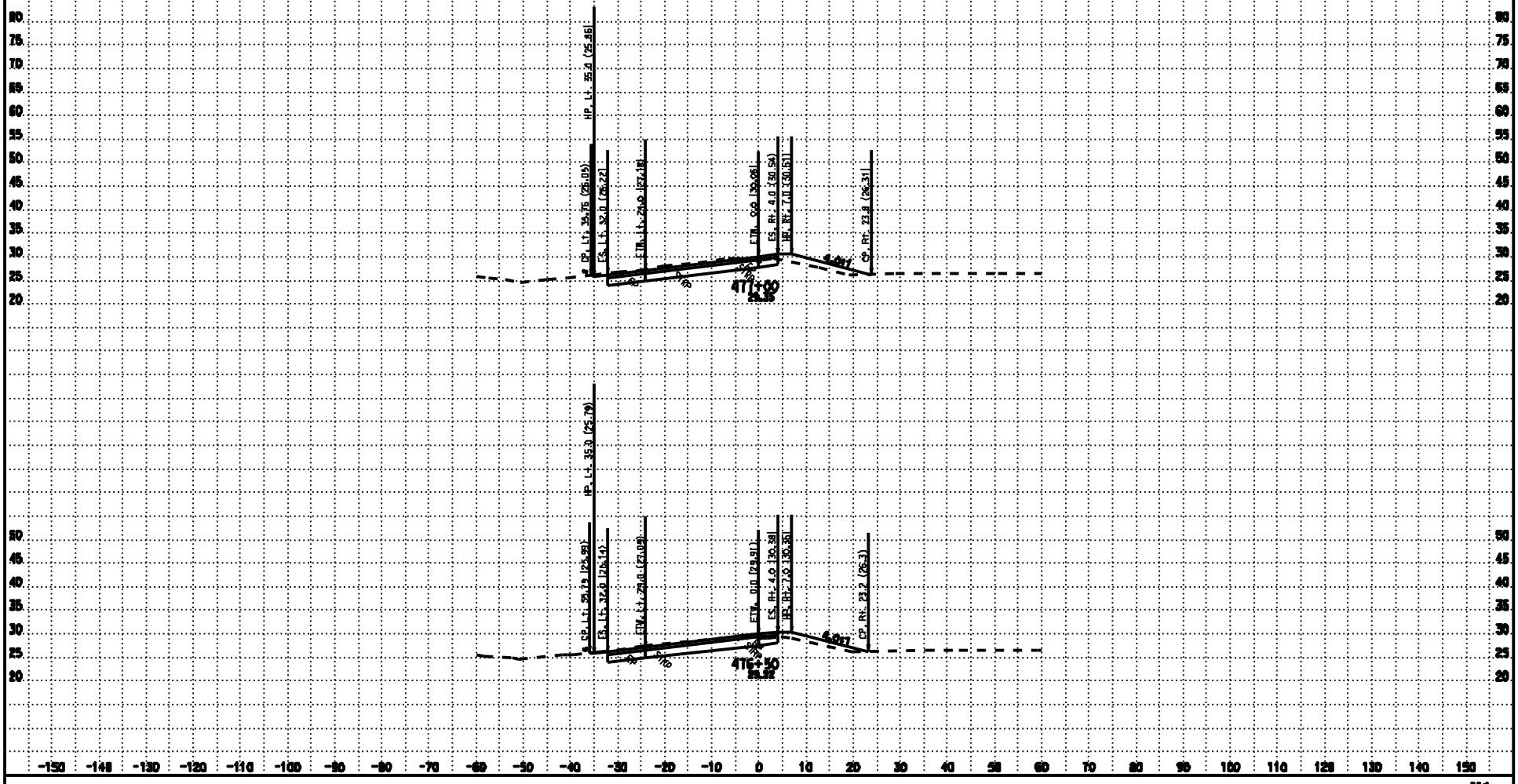
KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 4 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

CROSS SECTIONS

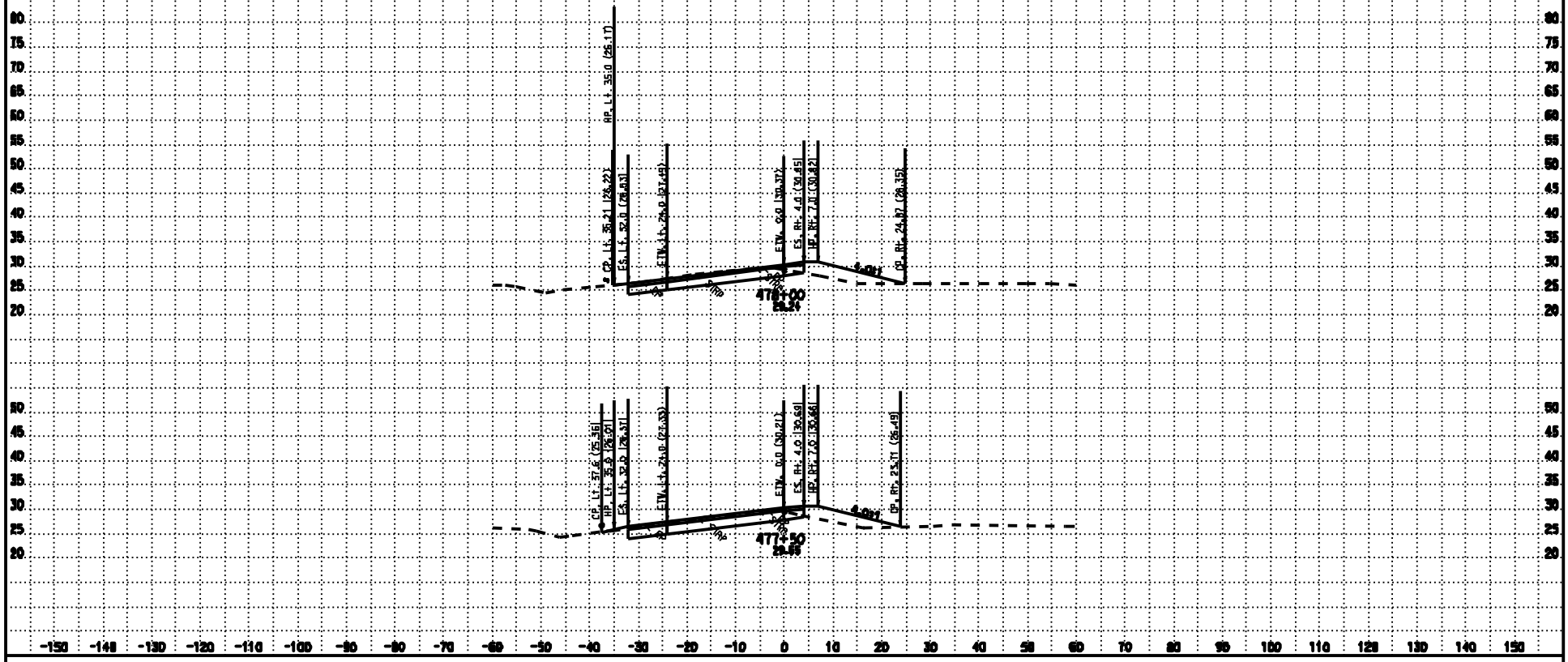
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calea\PROJECTS\07154\Calea_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 5 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

CROSS SECTIONS

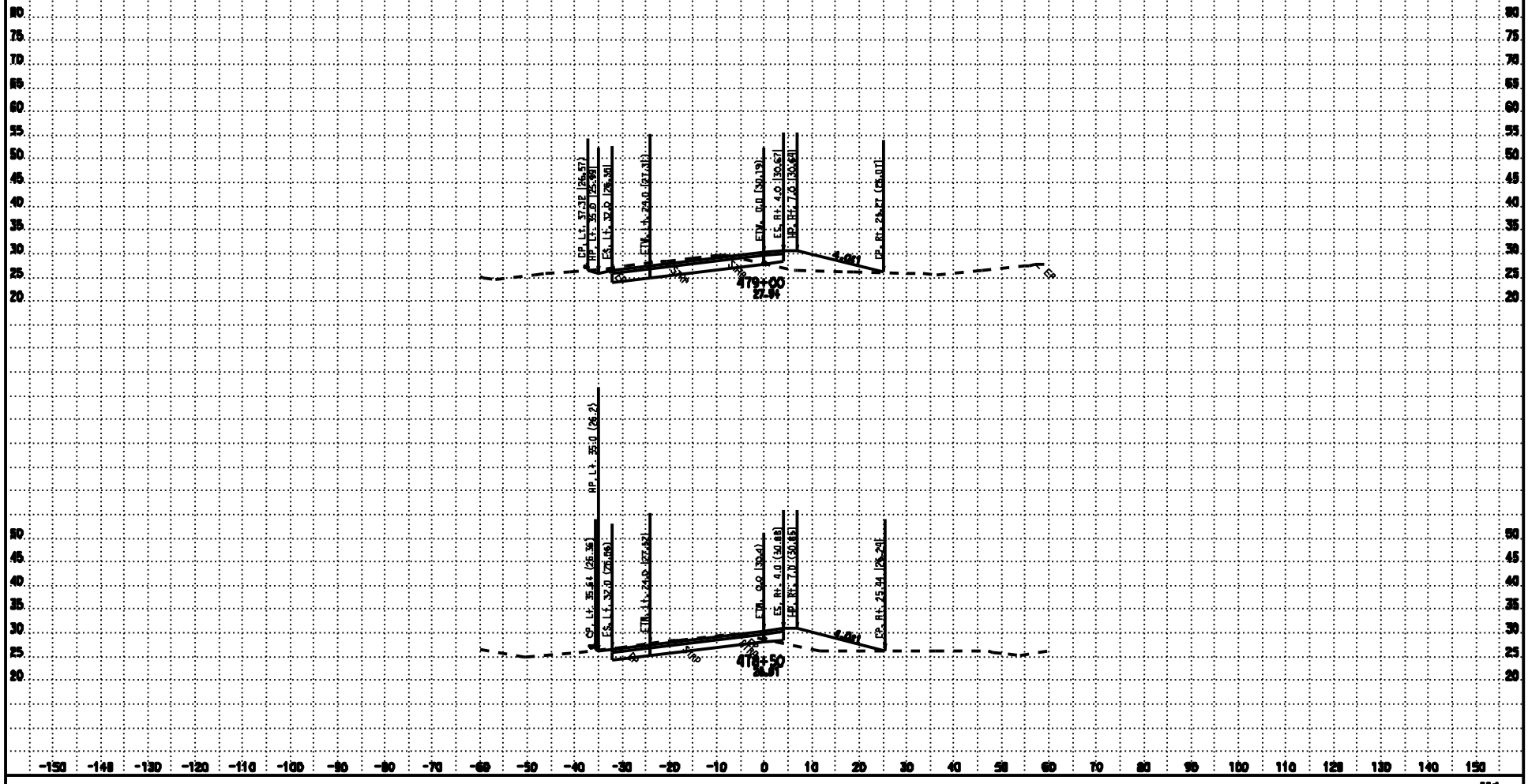
KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 6 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\M1_MackRd_Offramp\ear\m1_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

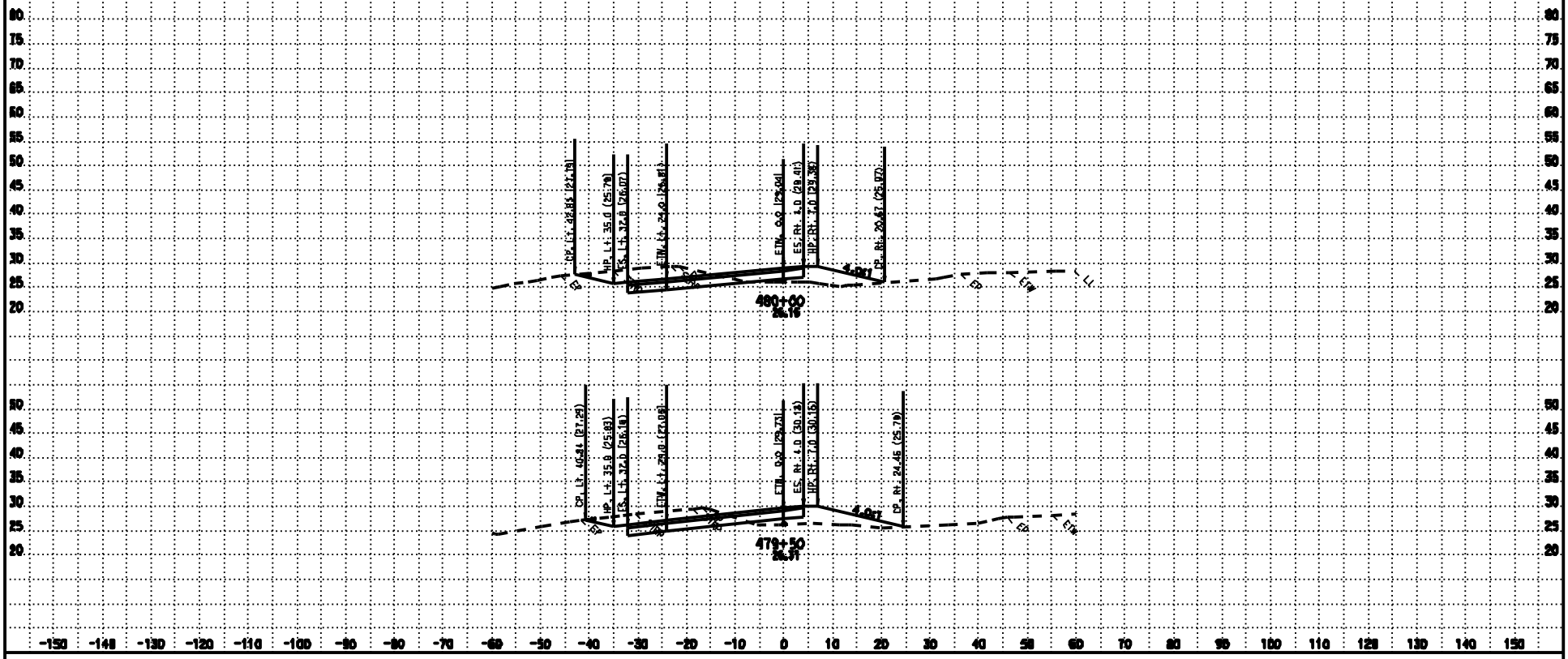
All Dimensions are US Survey Feet

M1

CROSS SECTIONS

SHEET 7 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E390I

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

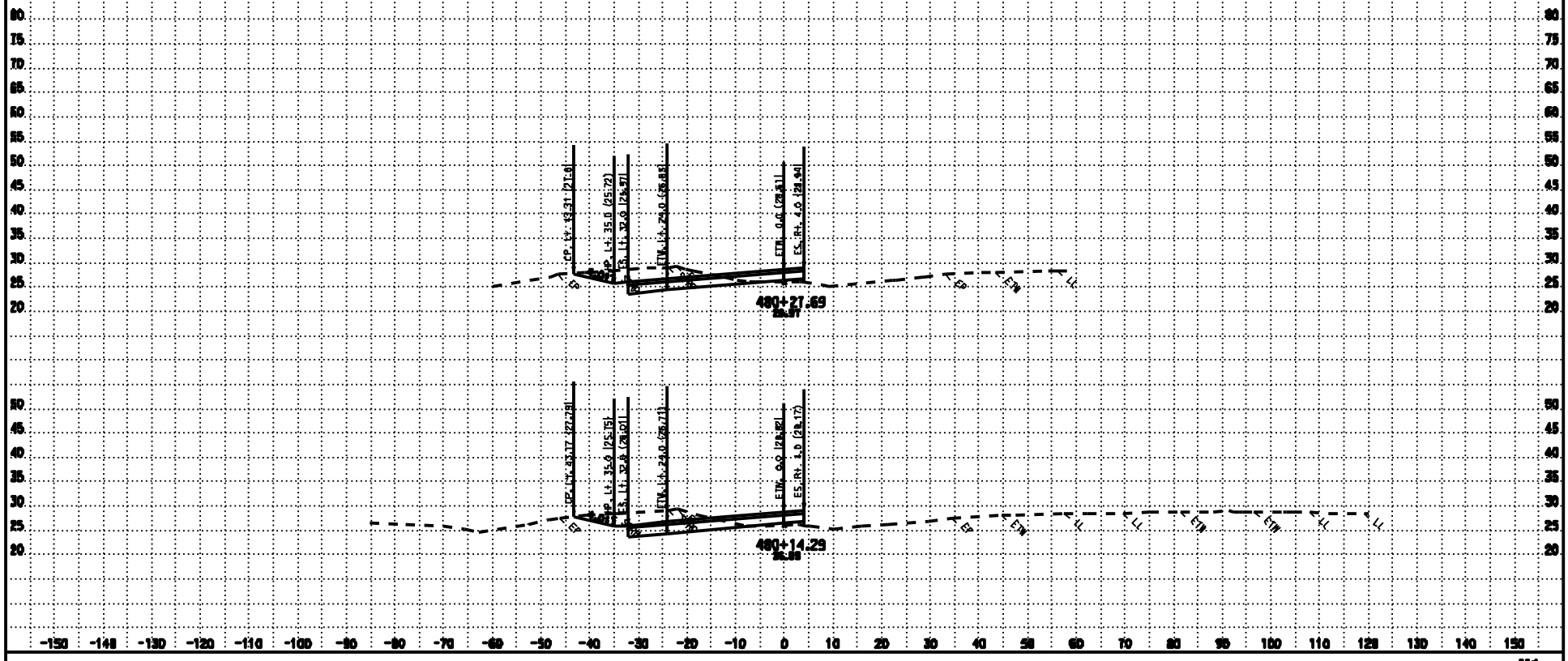
CROSS SECTIONS

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 8 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E390I

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

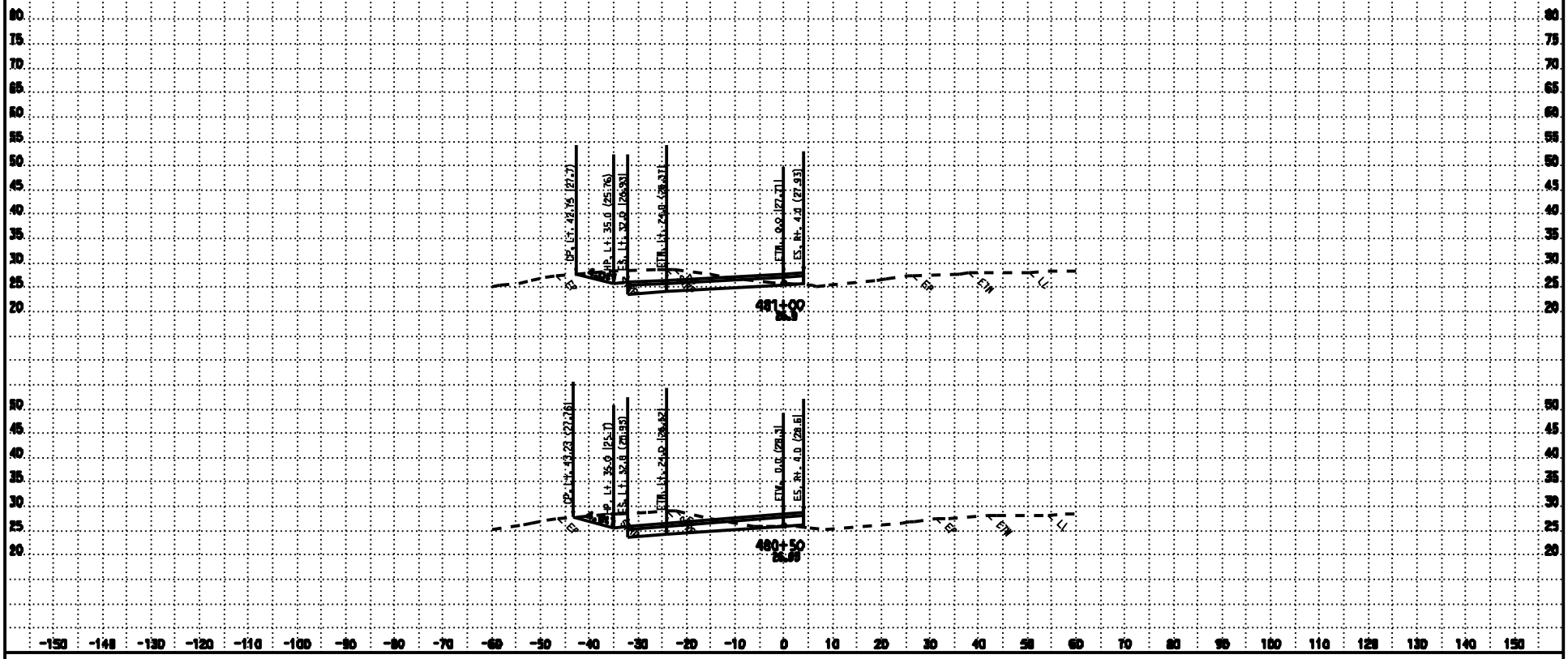
CROSS SECTIONS

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 9 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E390I

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

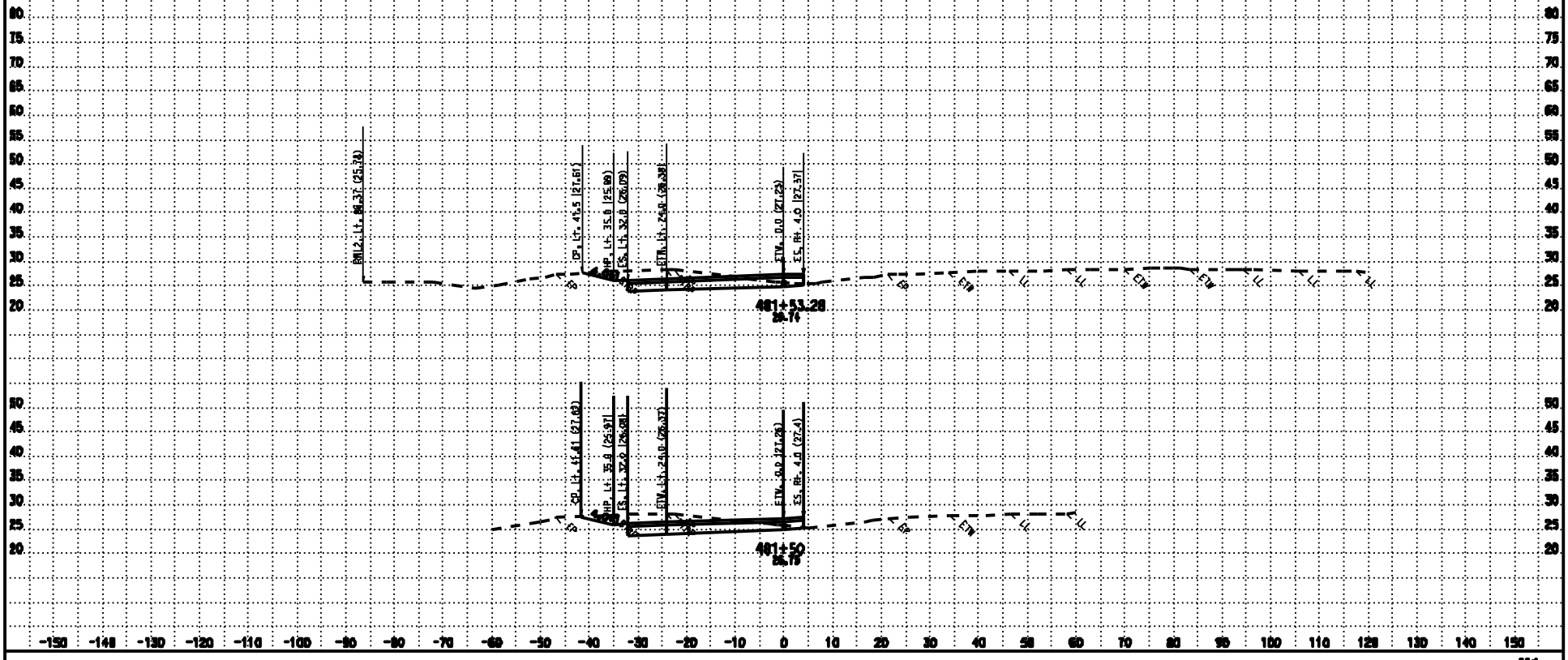
CROSS SECTIONS

KC Project: 07154 File: P:\proj4\03\3e390\design\Calce\PROJECTS\07154\Calce_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 10 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

CROSS SECTIONS

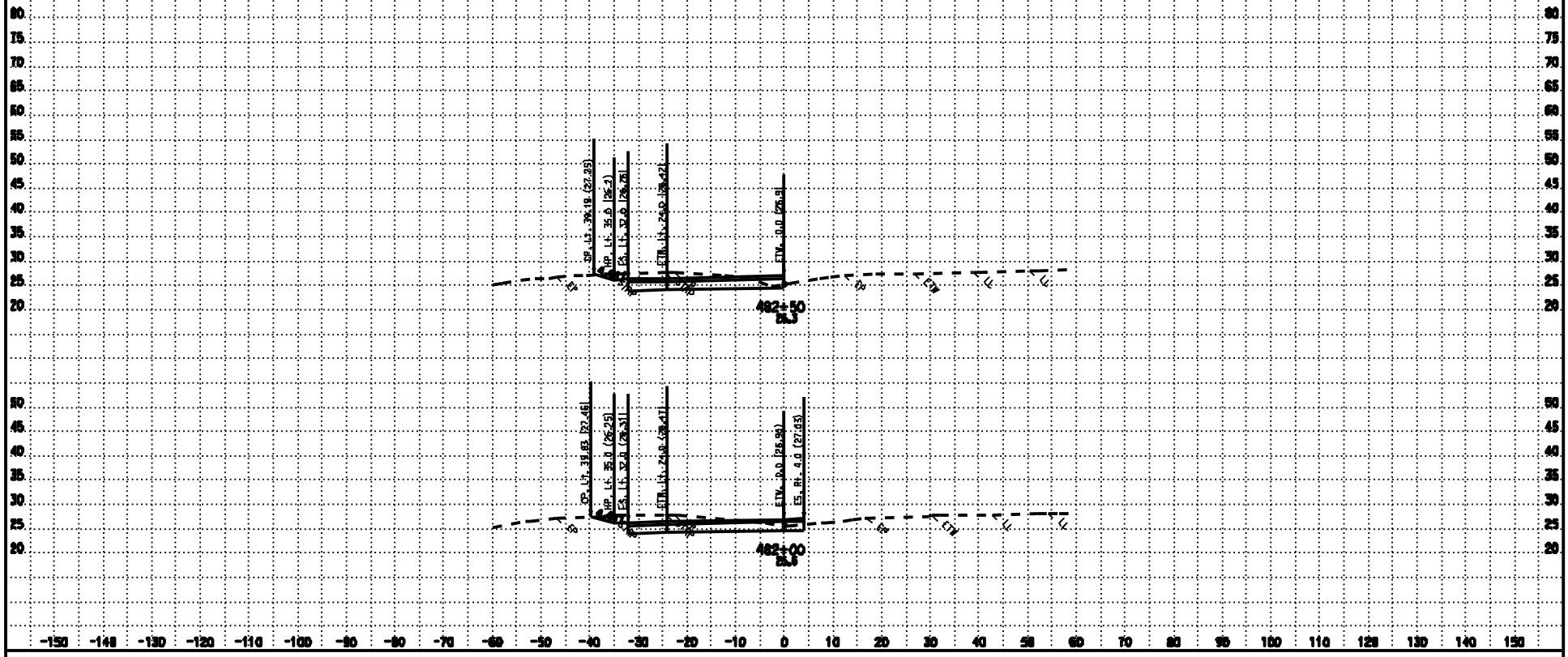
KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\M1_MackRd_Offramp\acar\m1_design.acr

All Dimensions are US Survey Feet

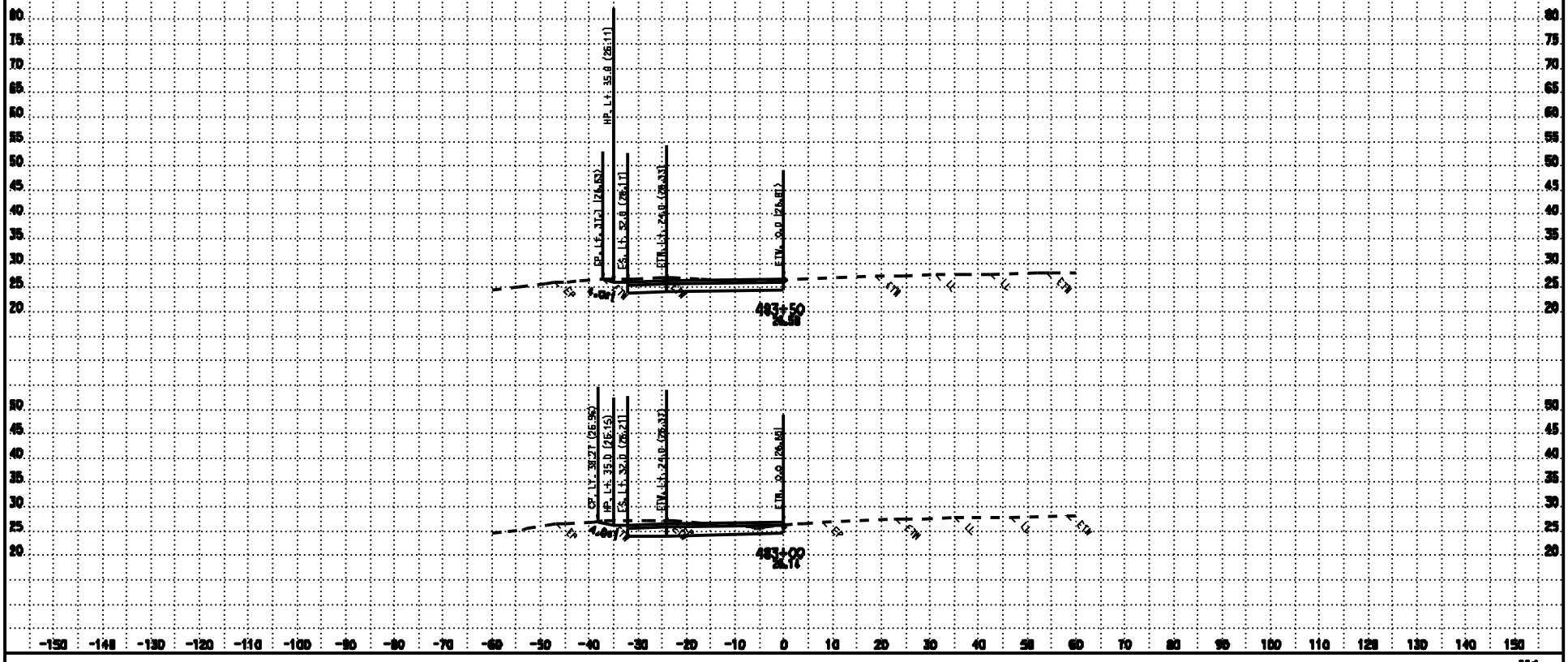
SHEET 11 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 071154
CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
Files: P:\proj4\03\3e380\design\Calea\PROJECTS\071154\Calea_Files\M1_MackRd_Offramp\acr\m1_design.acr
SCALE: 1" = 10' Horiz. 1" = 10' Vert.
All Dimensions are US Survey Feet
M1
CROSS SECTIONS
SHEET 12 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

CROSS SECTIONS

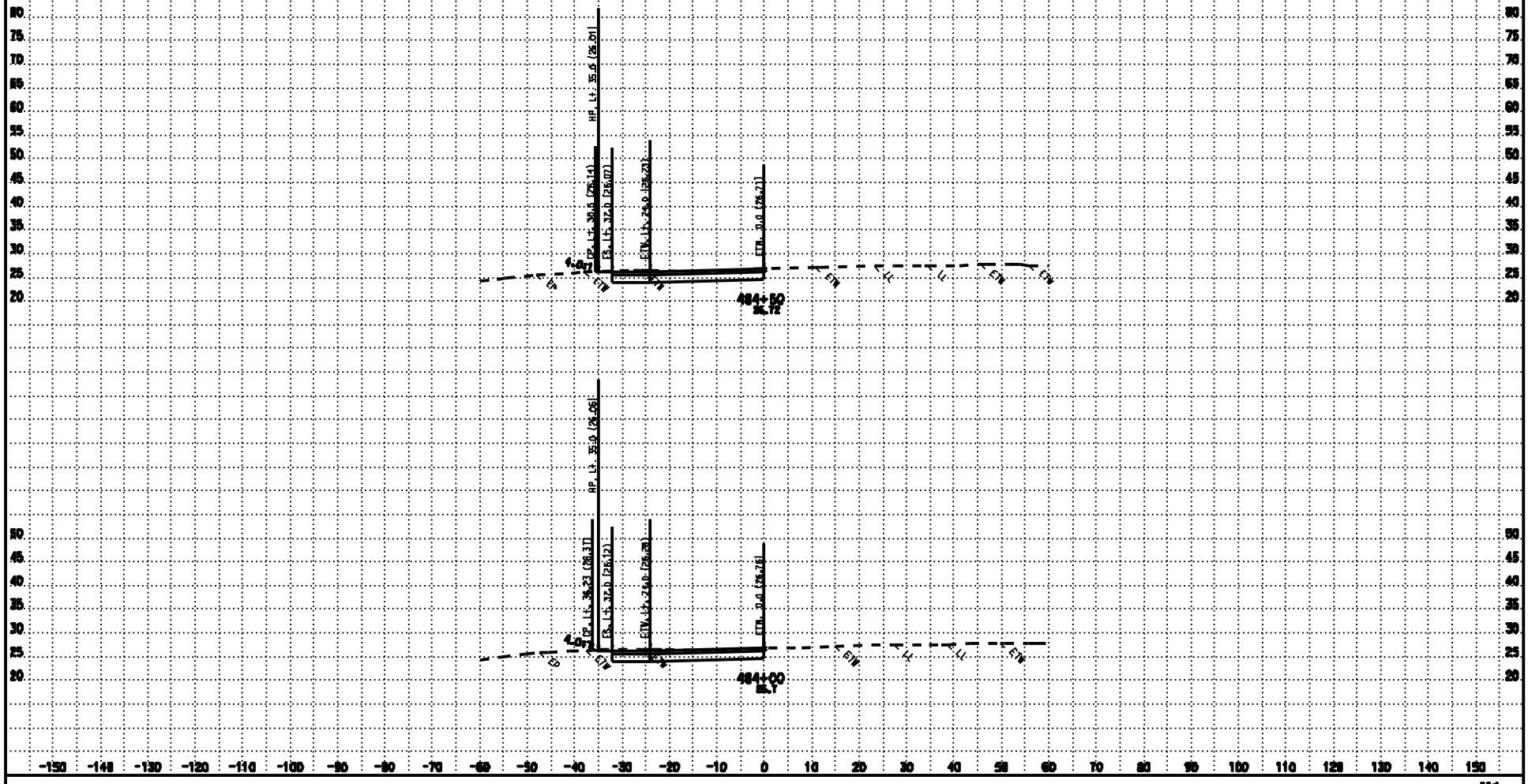
KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 13 OF 16

FOR EARTHWORK DEVELOPMENT ONLY



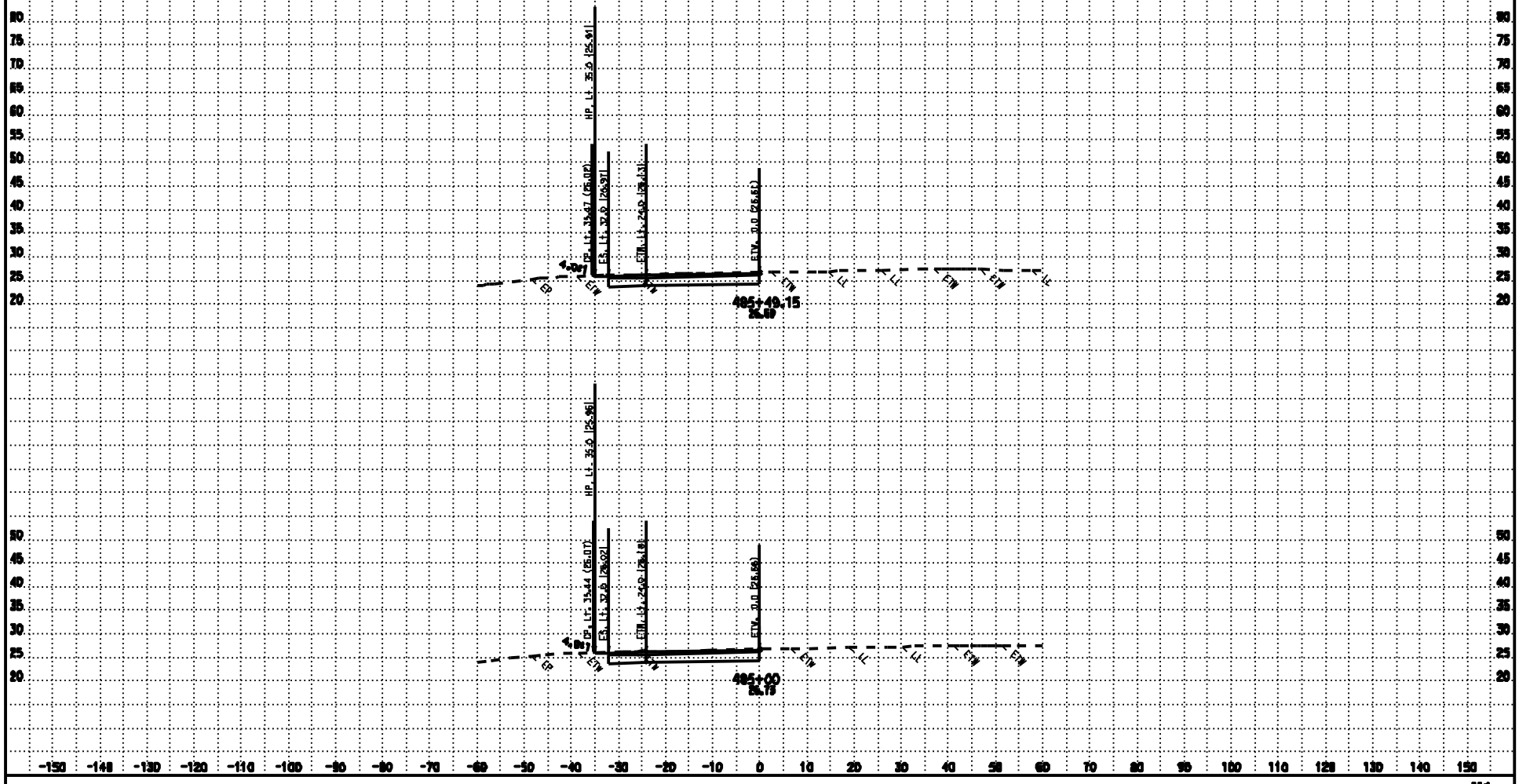
DATE: 10/8/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
Files: P:\proj4\03\3e380\design\Calea\PROJECTS\07154\Calea_Files\M1_MackRd_Offramp\ear\m1_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

M1
CROSS SECTIONS
SHEET 14 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

M1

CROSS SECTIONS

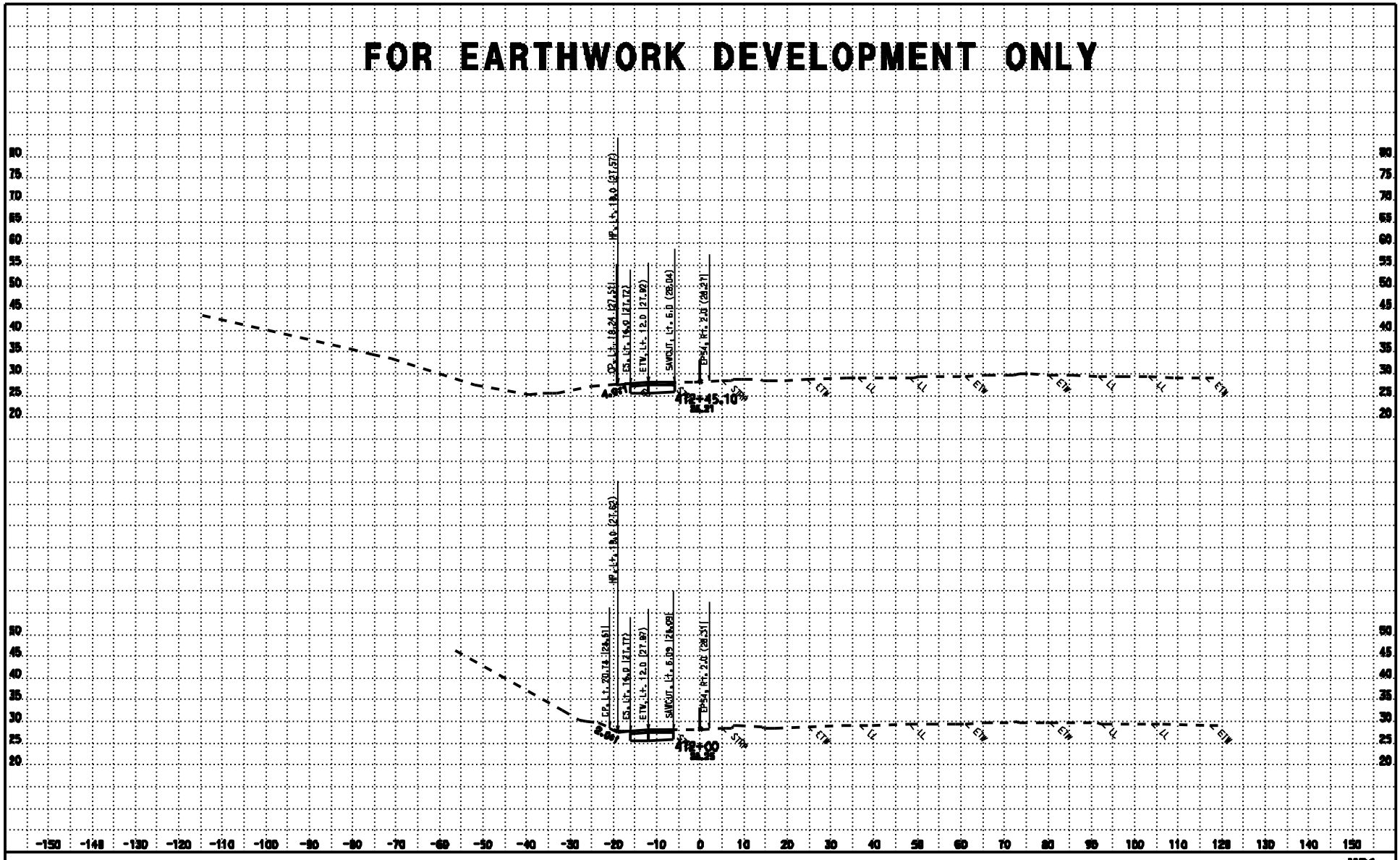
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calco\PROJECTS\07154\Calco_Files\M1_MackRd_Offramp\ear\m1_design.ear

All Dimensions are US Survey Feet

SHEET 15 OF 15

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

MB1

CROSS SECTIONS

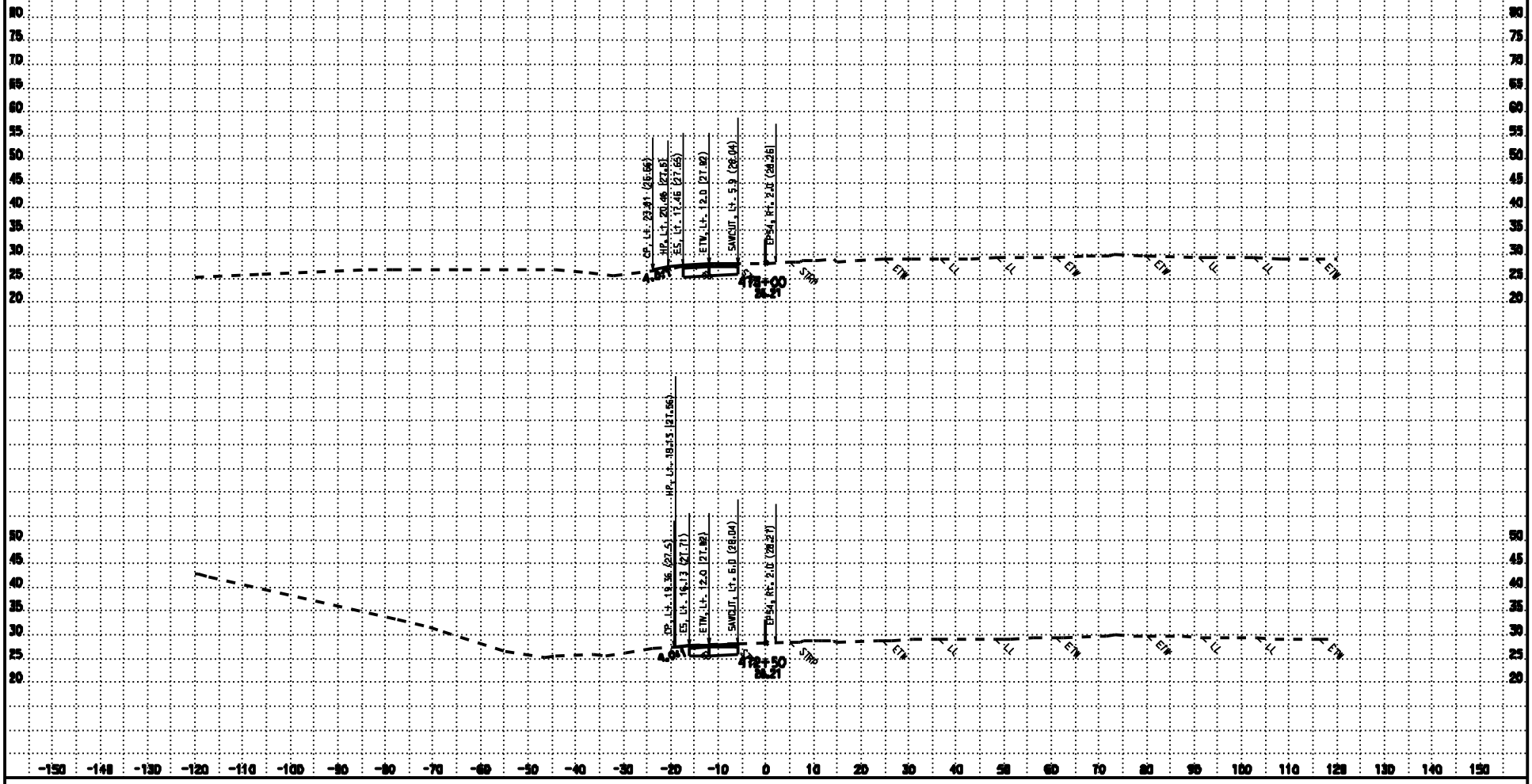
KC Project: 07154

Files: P:\proj4\03\3e380\design\Caltex\PROJECTS\07154\Caltex_Files\MB1_Mack_Brucevilla\ecr\mb1_design.ecr

All Dimensions are US Survey Feet

SHEET 1 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

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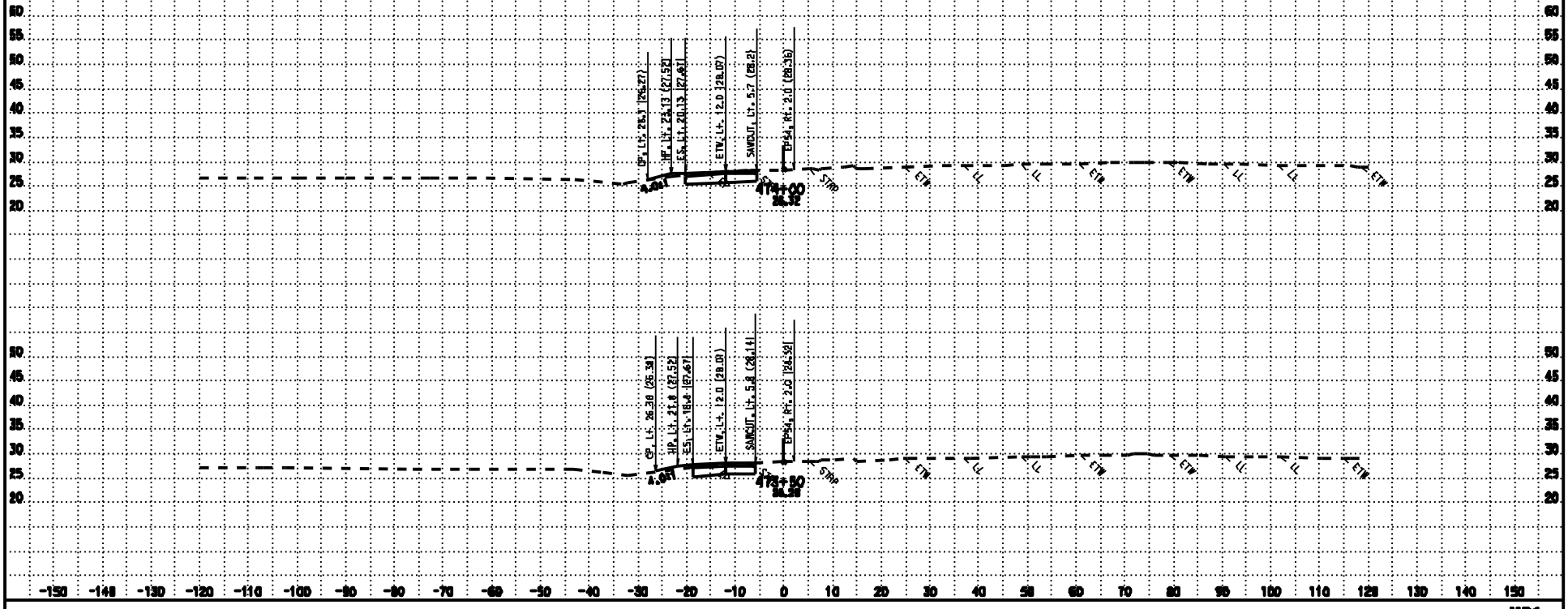
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

MB1
CROSS SECTIONS
SHEET 2 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

MB1

CROSS SECTIONS

KC Project: 07154

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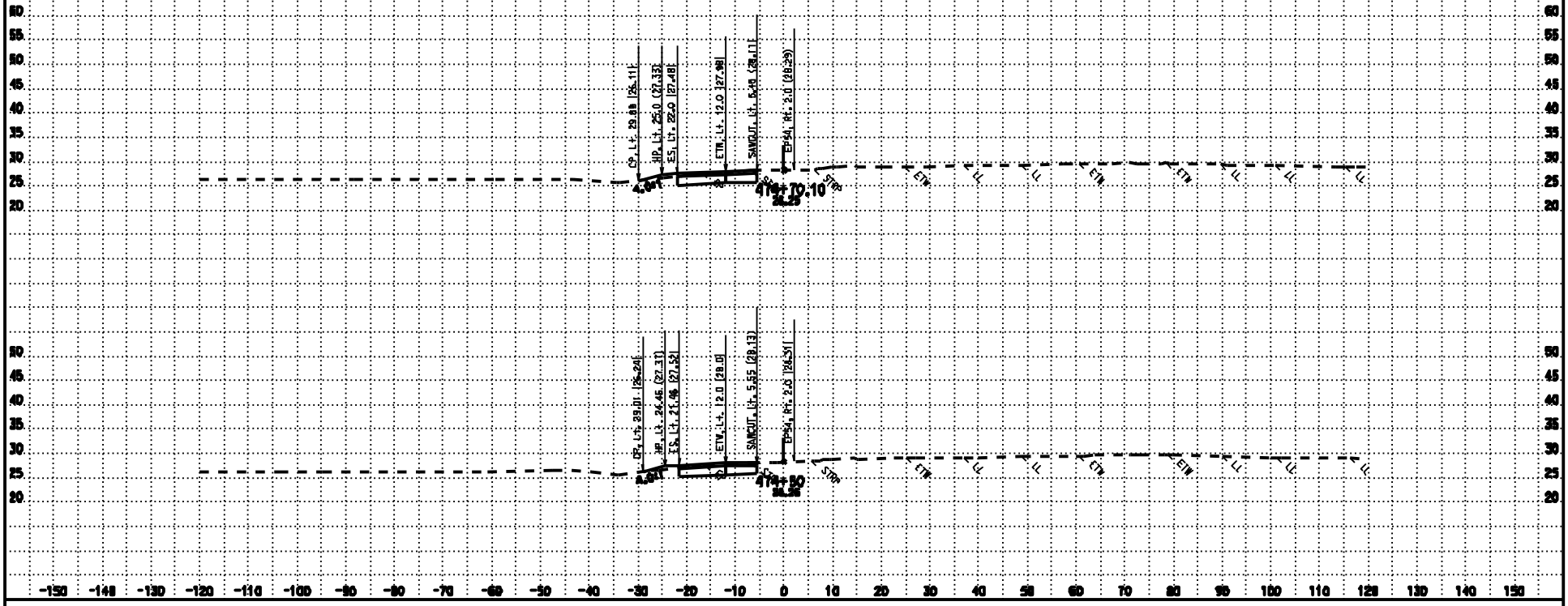
All Dimensions are US Survey Feet

SHEET 3 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

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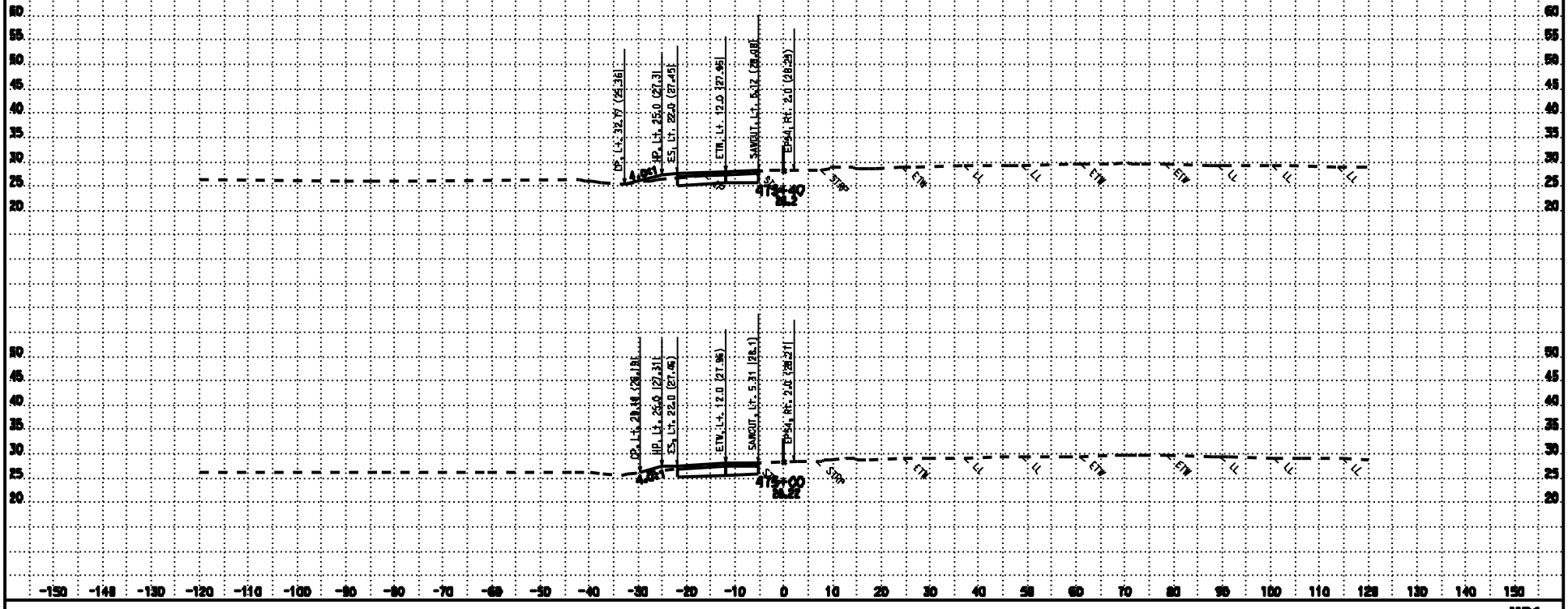
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

MB1
CROSS SECTIONS
SHEET 4 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

MB1

KC Project: 07154

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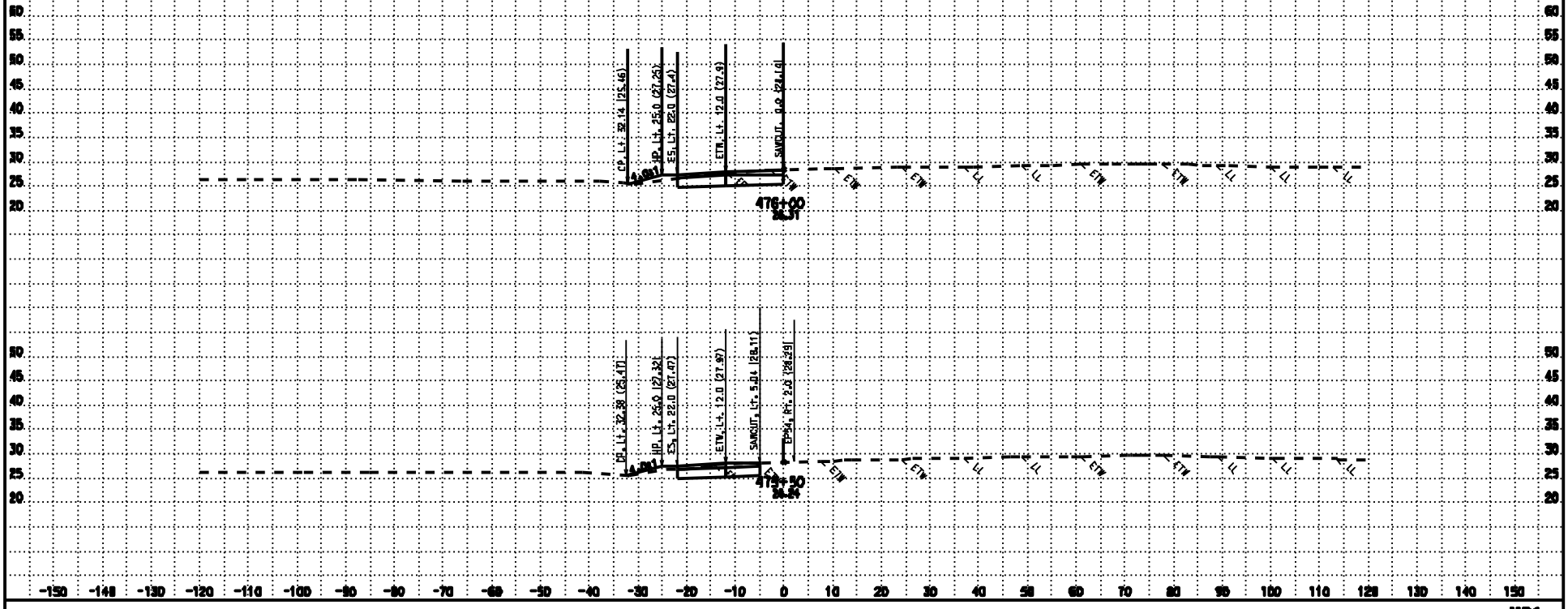
All Dimensions are US Survey Feet

CROSS SECTIONS

SHEET 5 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

MB1

CROSS SECTIONS

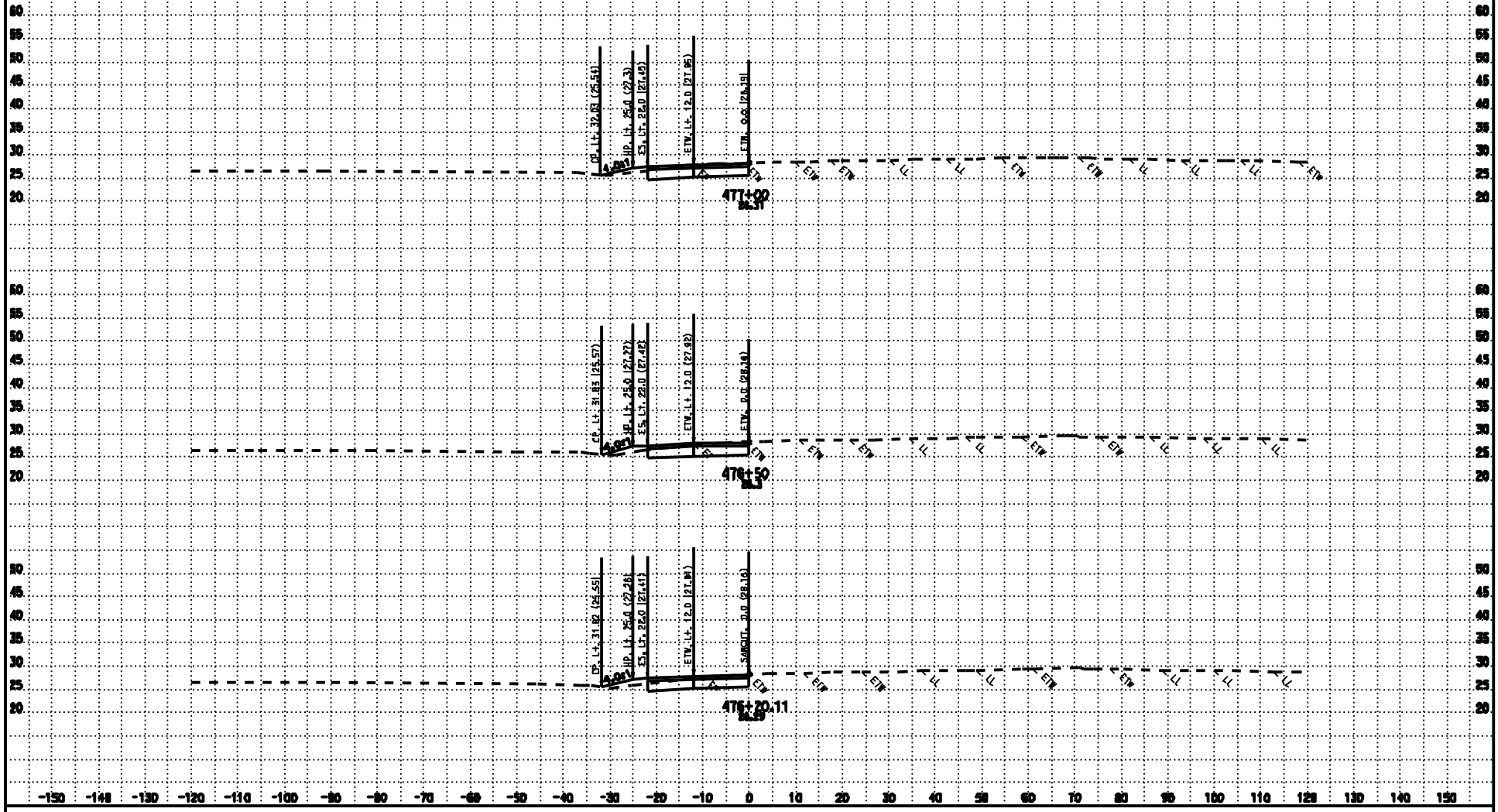
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\MB1_Mack_Brucevilla\esr\mb1_design.esr

All Dimensions are US Survey Feet

SHEET 6 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

CONTRACT: 3E3804
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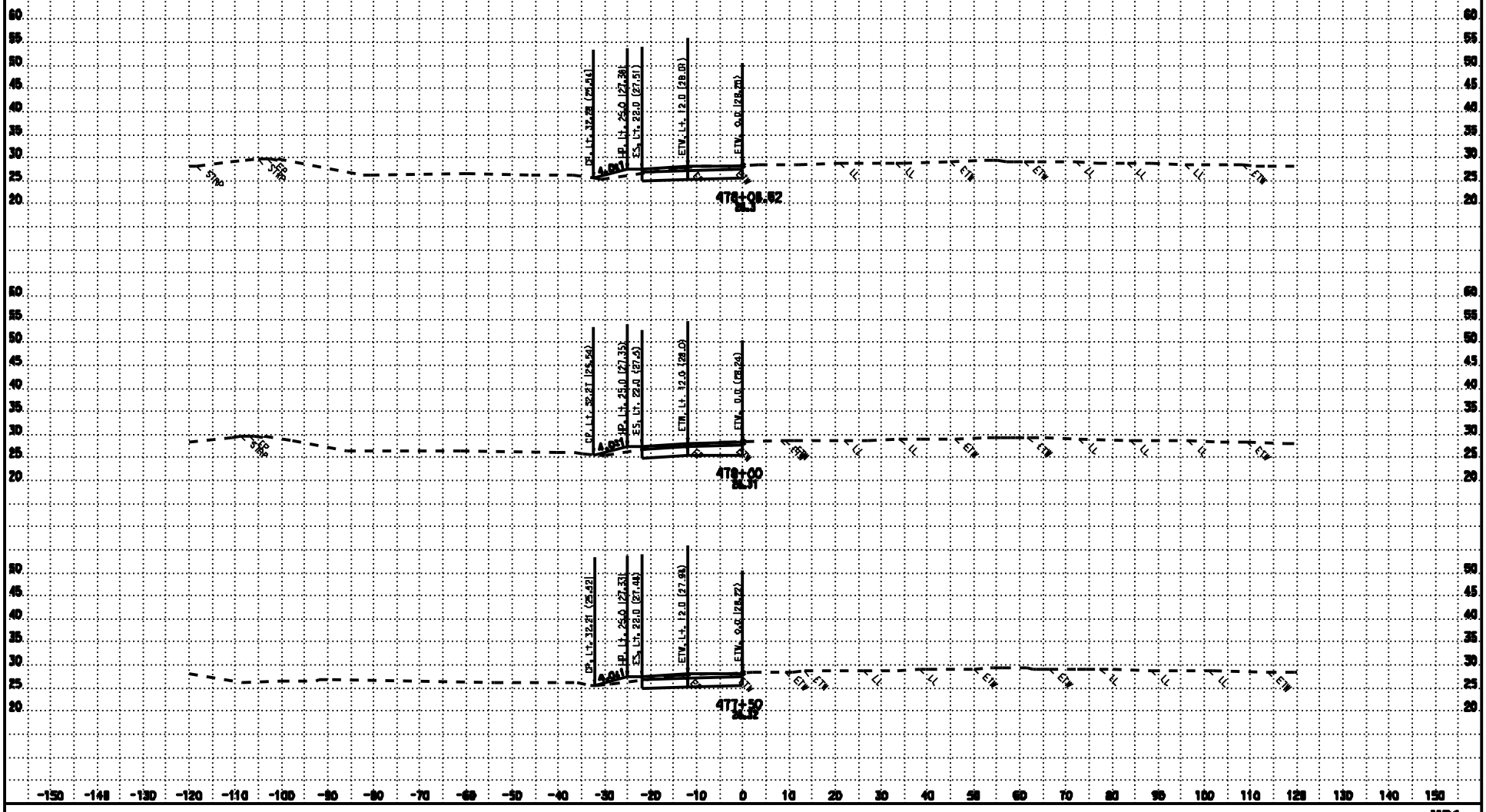
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

MB1
CROSS SECTIONS
SHEET 7 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
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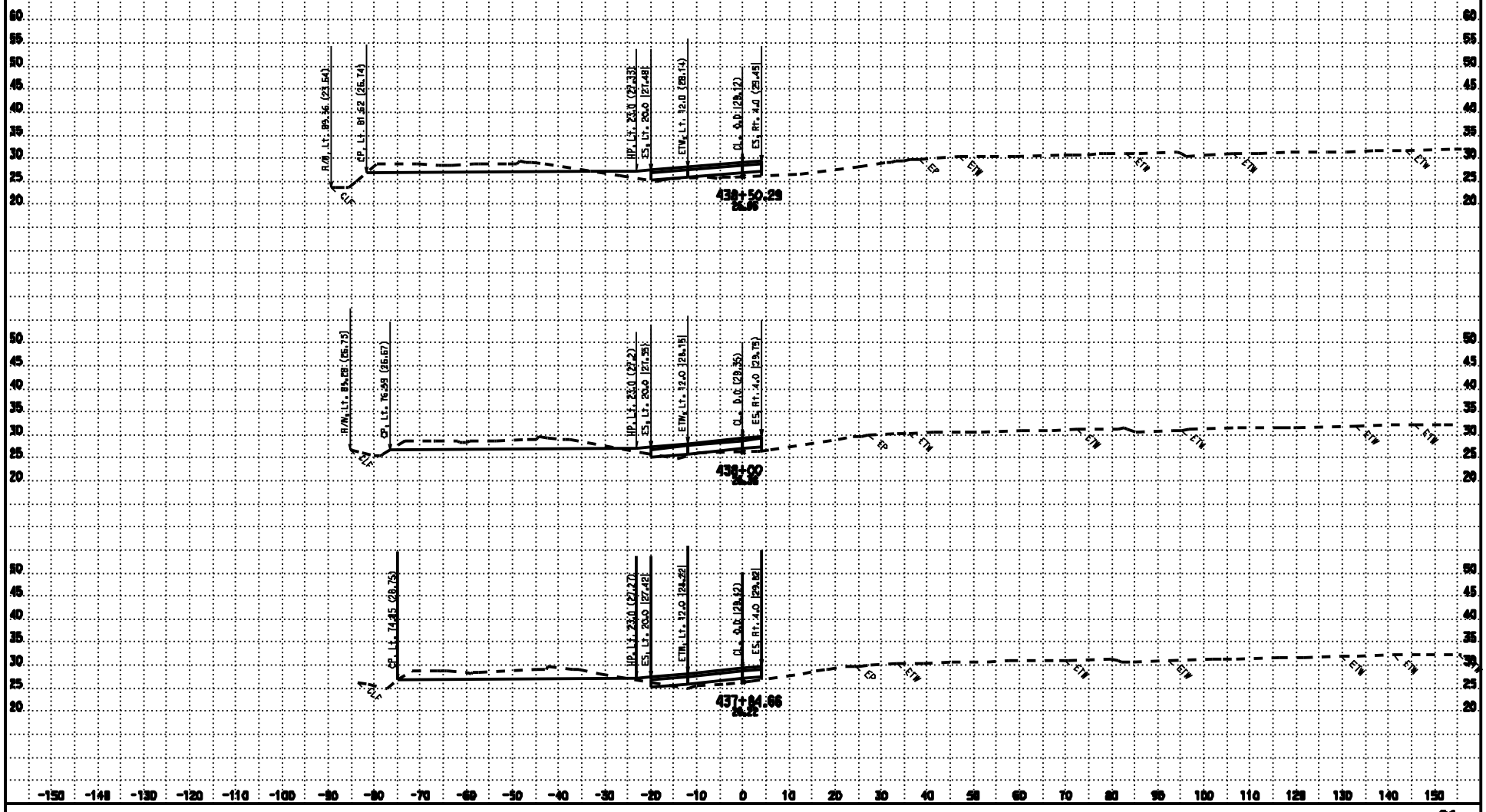
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

MB1
CROSS SECTIONS
SHEET 8 OF 8

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3801

DATE: 11/19/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

S1
CROSS SECTIONS

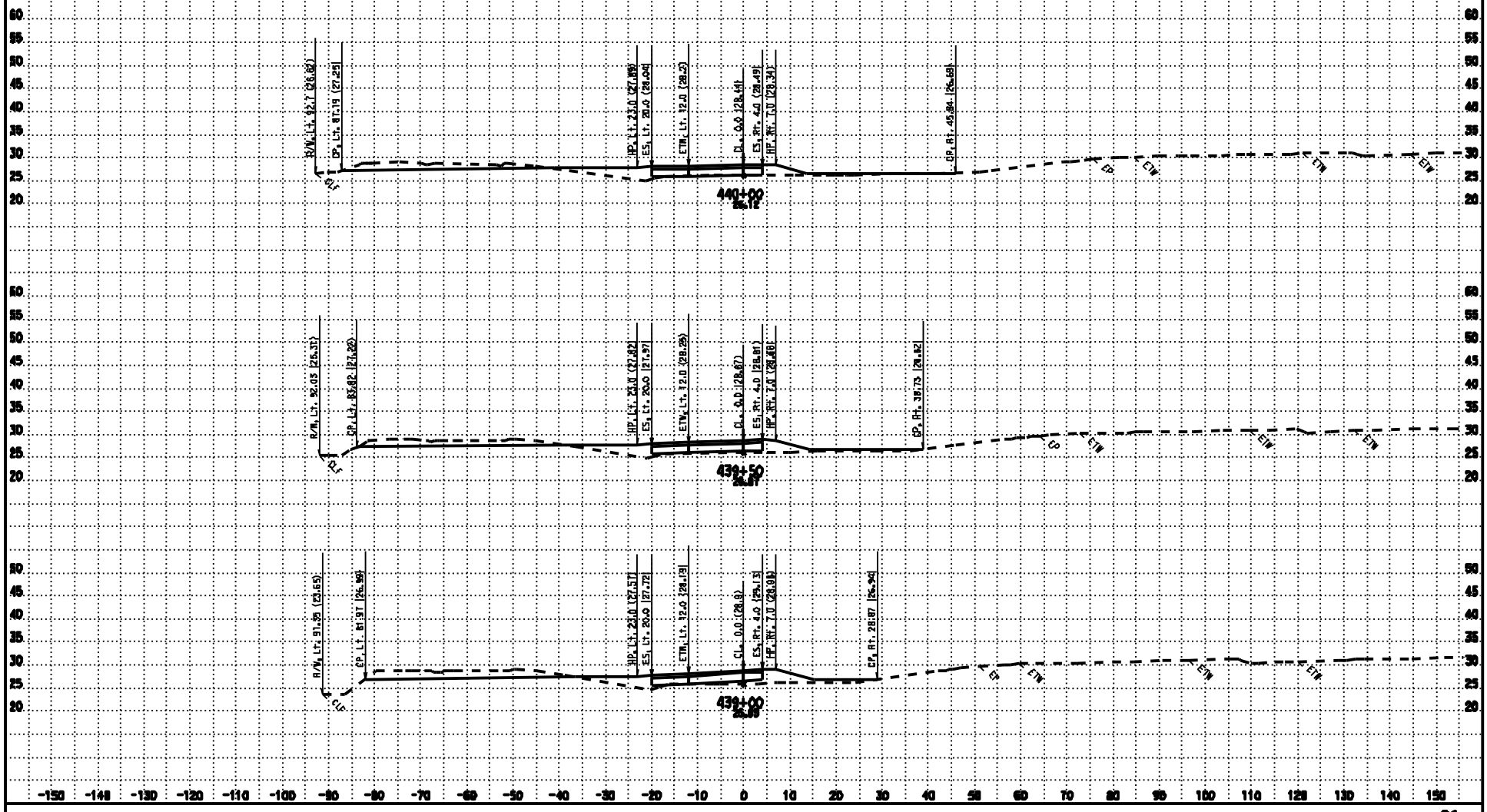
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calea\PROJECTS\07154\Calea_Files\S1_Stockton_Onramp\ear\s1_design.ear

All Dimensions are US Survey Feet

SHEET 1 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009

KC Project: 07154

CONTRACT: 3E3804

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

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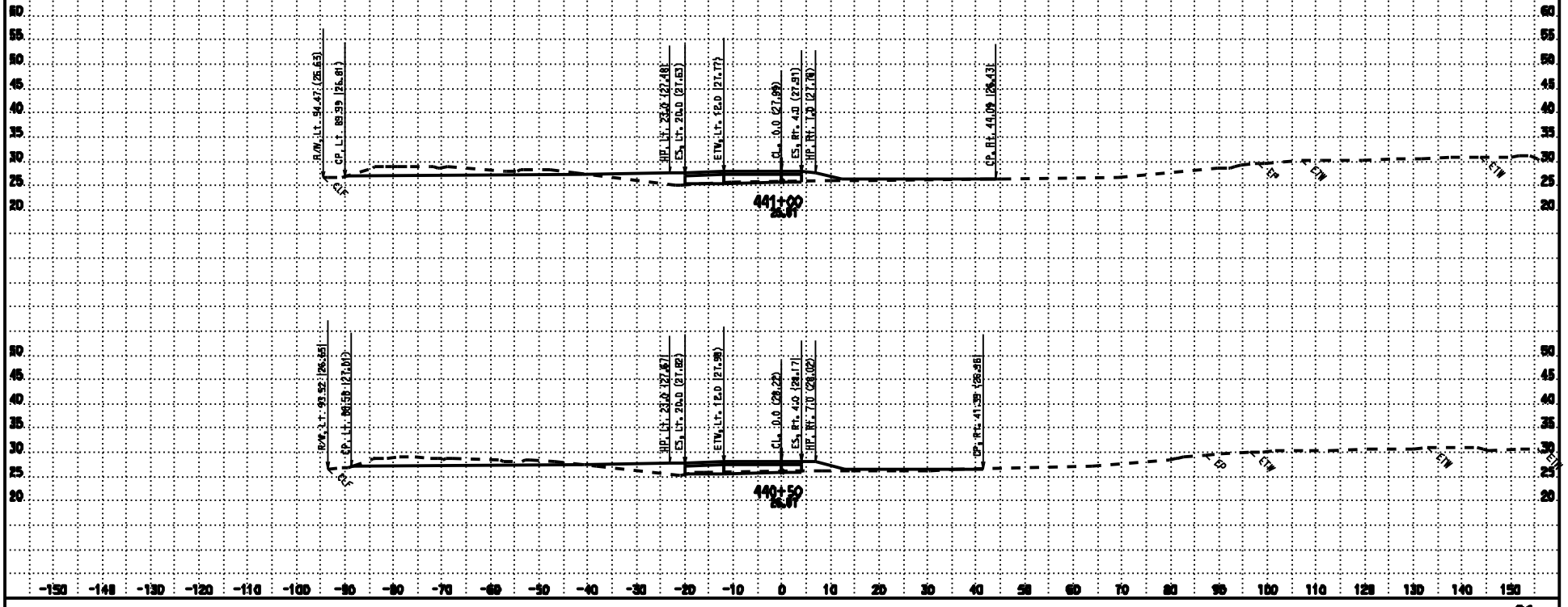
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

S1
CROSS SECTIONS
SHEET 2 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



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DATE: 11/19/2009
KC Project: 07154
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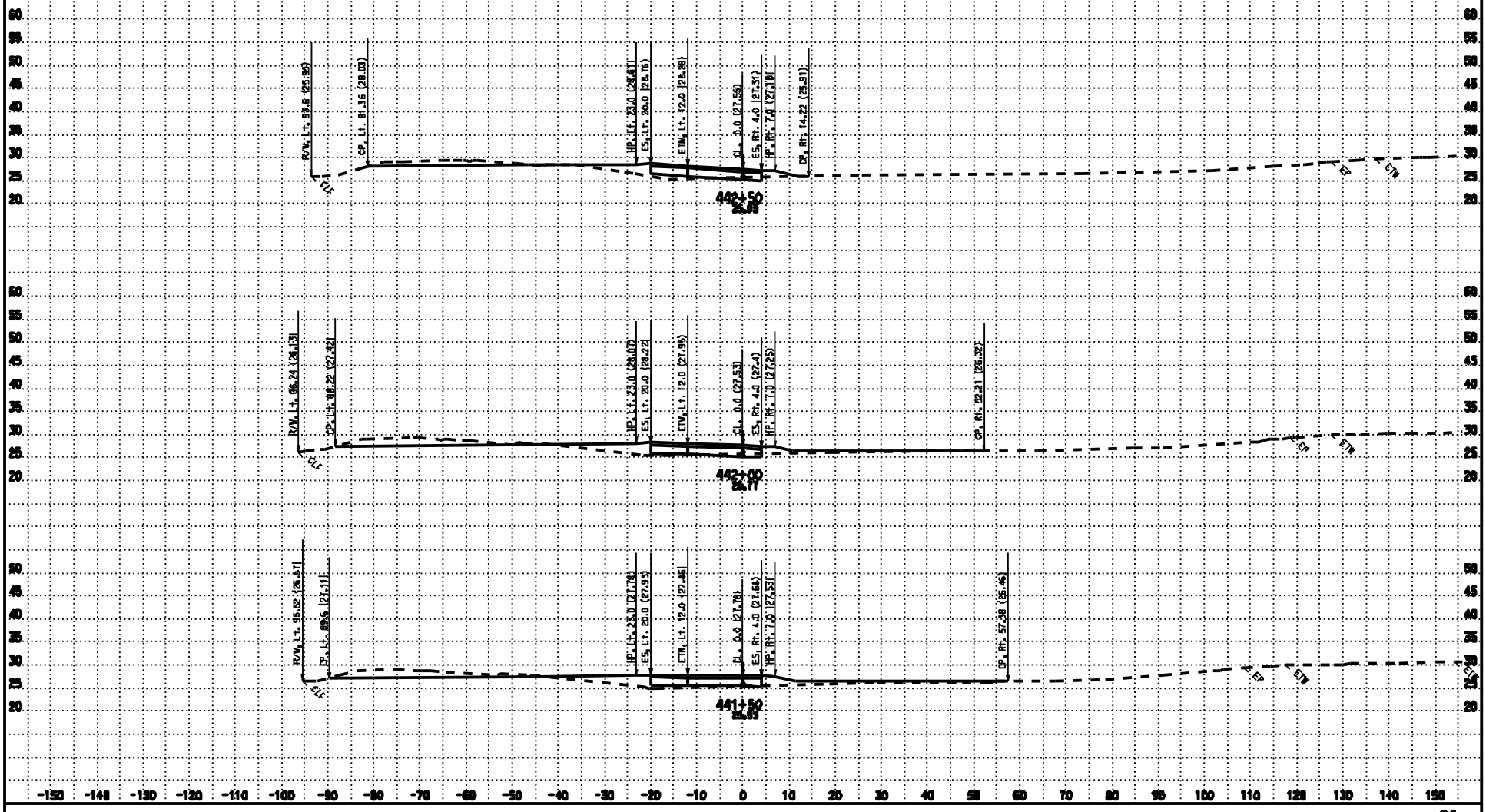
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S1
CROSS SECTIONS
SHEET 3 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



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KC Project: 07154
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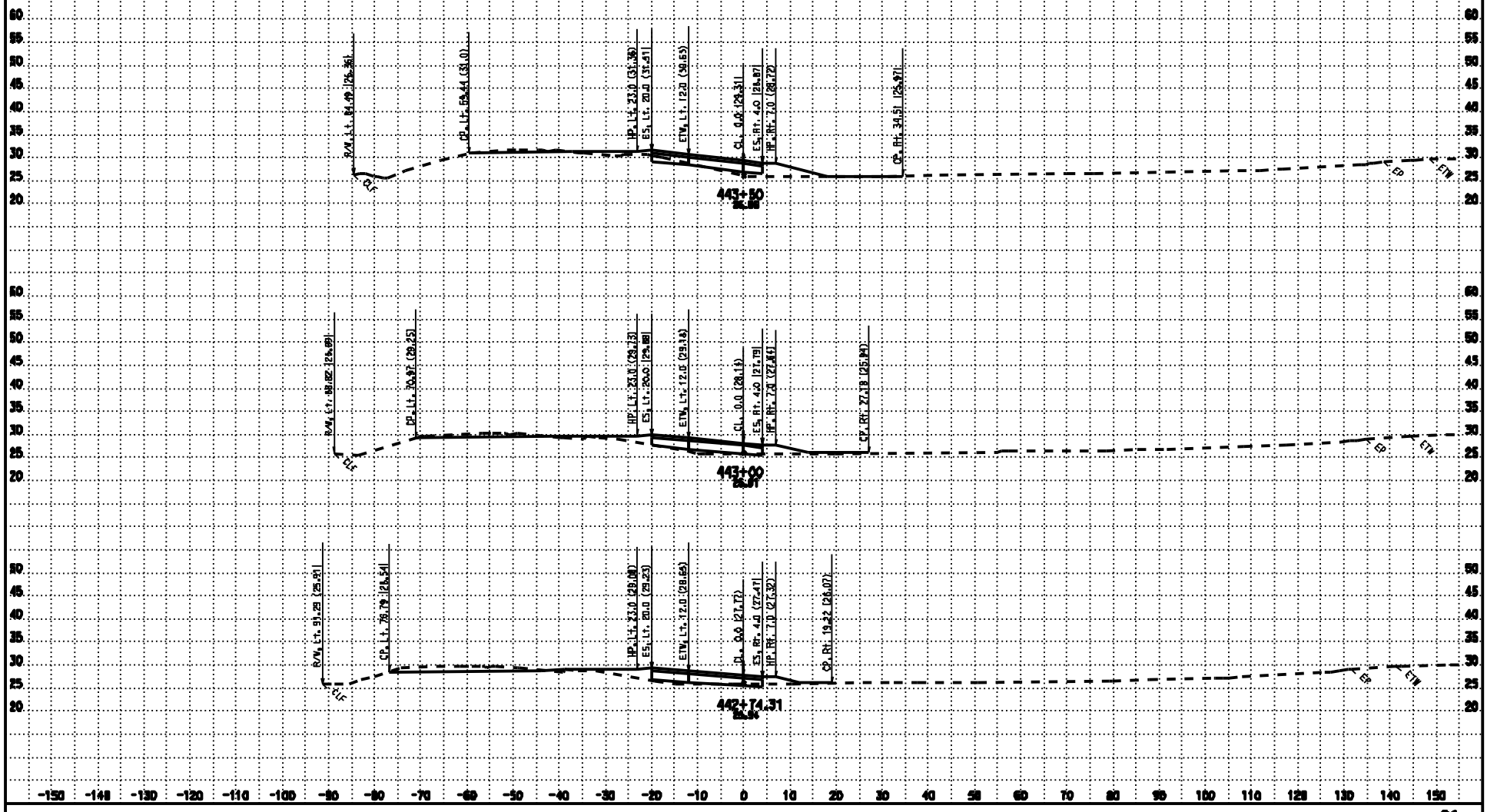
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S1
CROSS SECTIONS
SHEET 4 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



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S1
CROSS SECTIONS

KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\S1_Stockton_Onramp\ear\s1_design.ear

All Dimensions are US Survey Feet

SHEET 5 OF 10

FOR EARTHWORK DEVELOPMENT ONLY

CONTRACT: 3E3901
DIST/CO/RTE/PM: 03/SAC/99/16.9-18.1

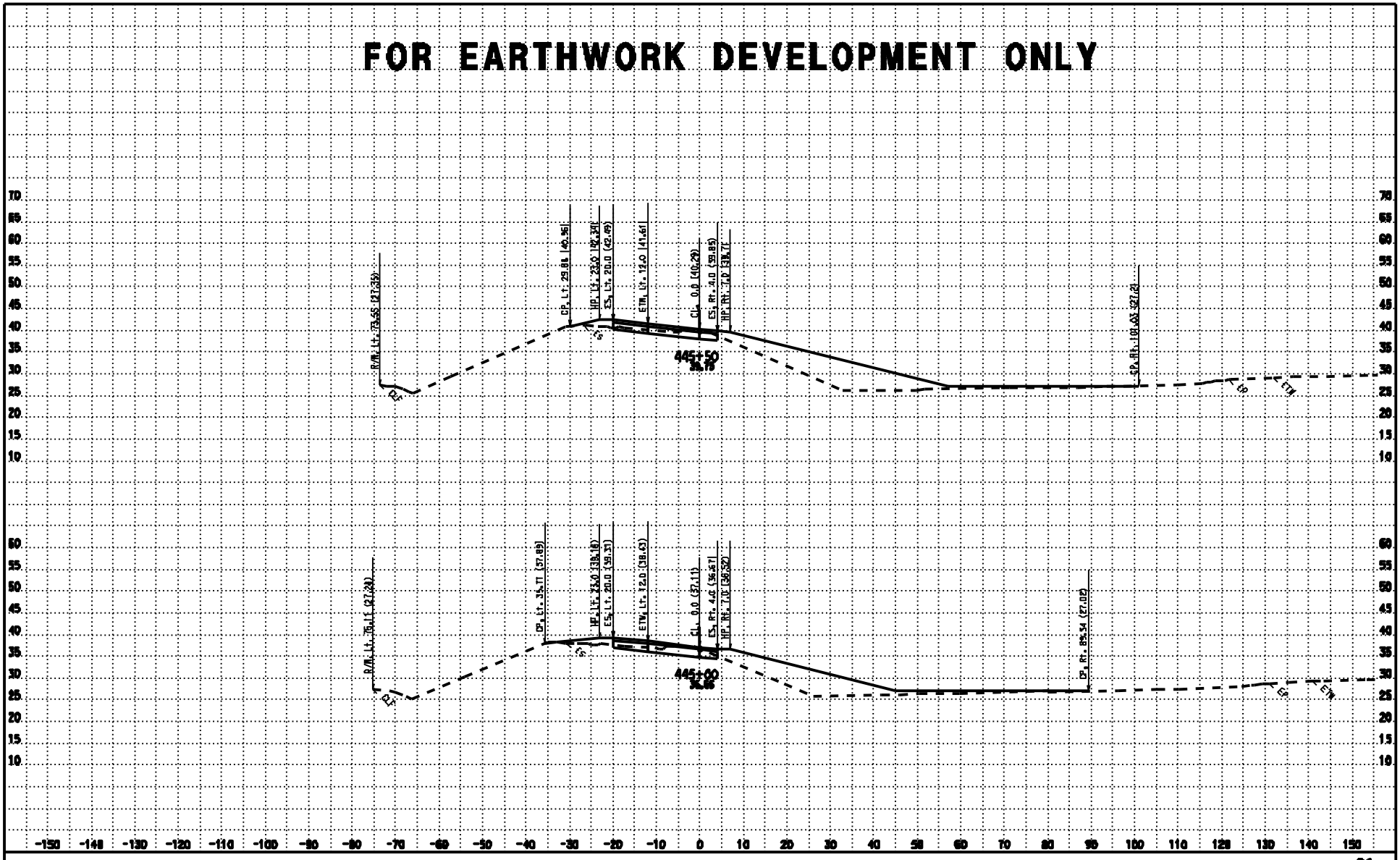
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

S1
CROSS SECTIONS
SHEET 6 OF 10

DATE: 11/10/2009
KC Project: 07154 File: P:\proj4\03\3e390\design\Calcs\PROJECTS\07154\Calcs_Files\S1_Stockton_Onramp\ear\s1_design.ear

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154
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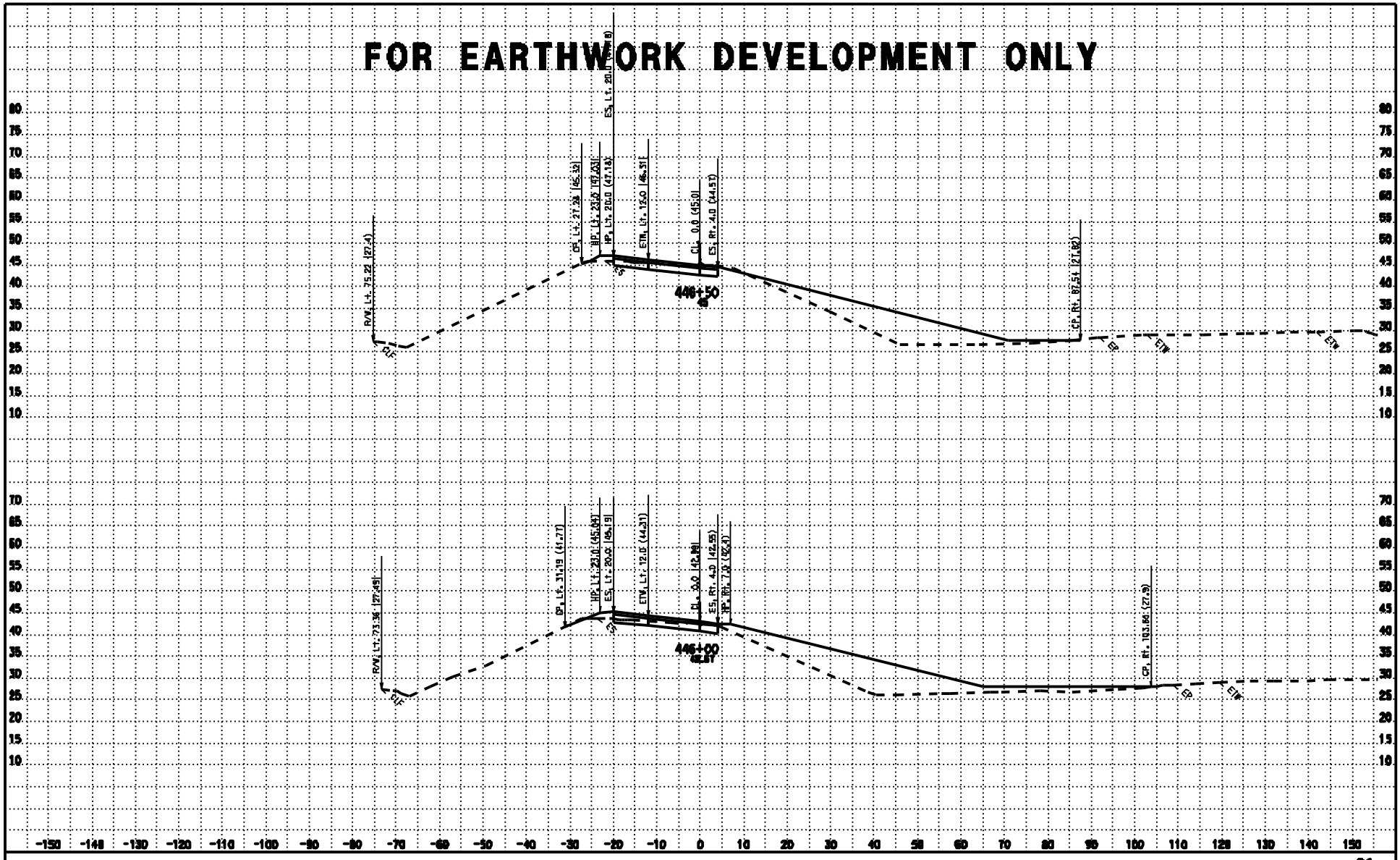
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet
S1
CROSS SECTIONS
SHEET 7 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



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DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

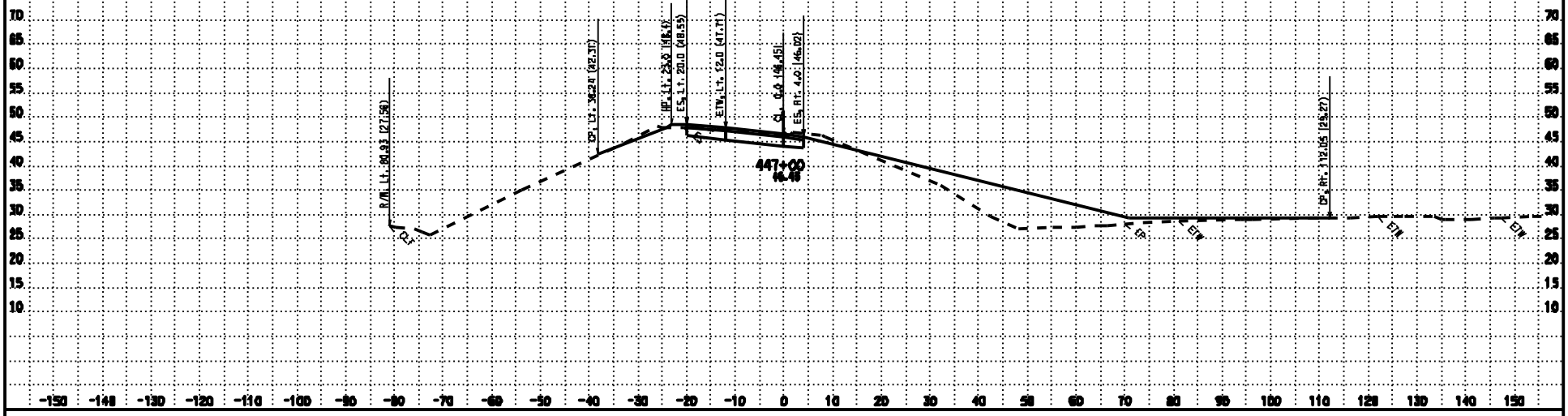
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DATE: 11/19/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calea\PROJECTS\07154\Calea_Files\S1_Stockton_Onramp\ear\s1_design.ear

S1
CROSS SECTIONS
SHEET 8 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 11/19/2009
KC Project: 07154

CONTRACT: 3E3804
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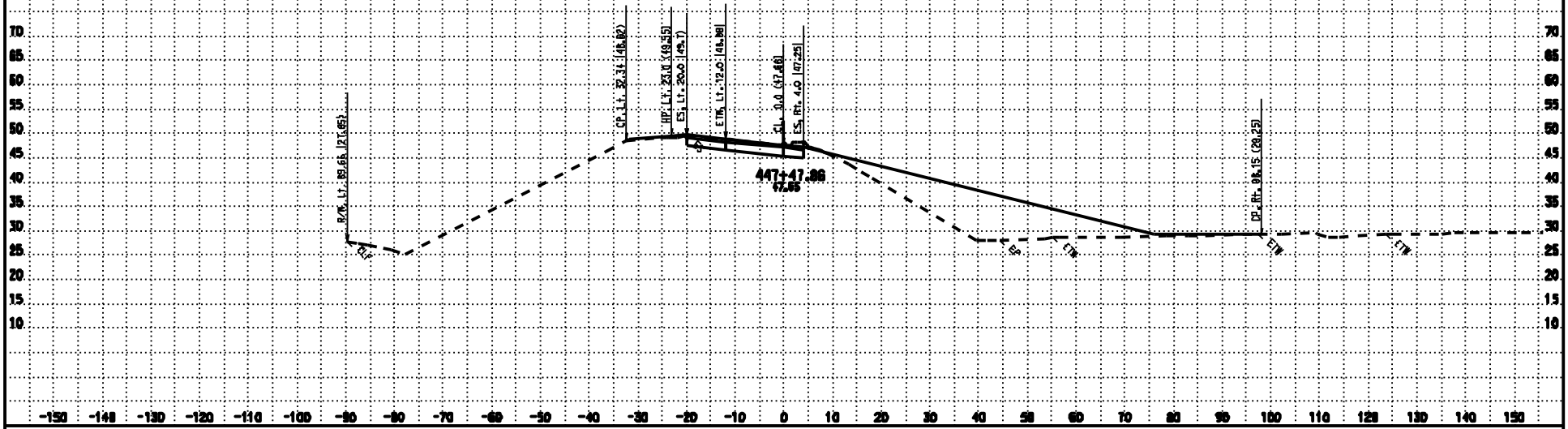
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

S1
CROSS SECTIONS
SHEET 9 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



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DATE: 11/19/2009

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All Dimensions are US Survey Feet

KC Project: 07154

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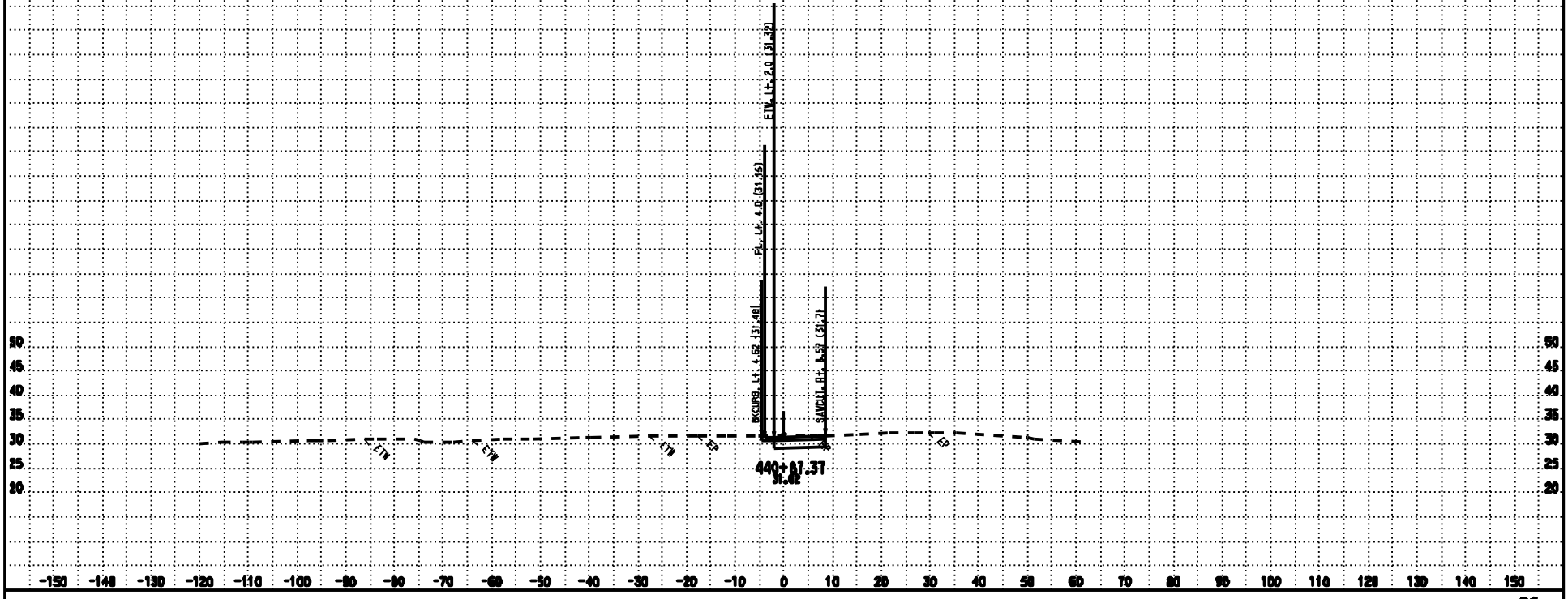
S1
CROSS SECTIONS
SHEET 10 OF 10

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1
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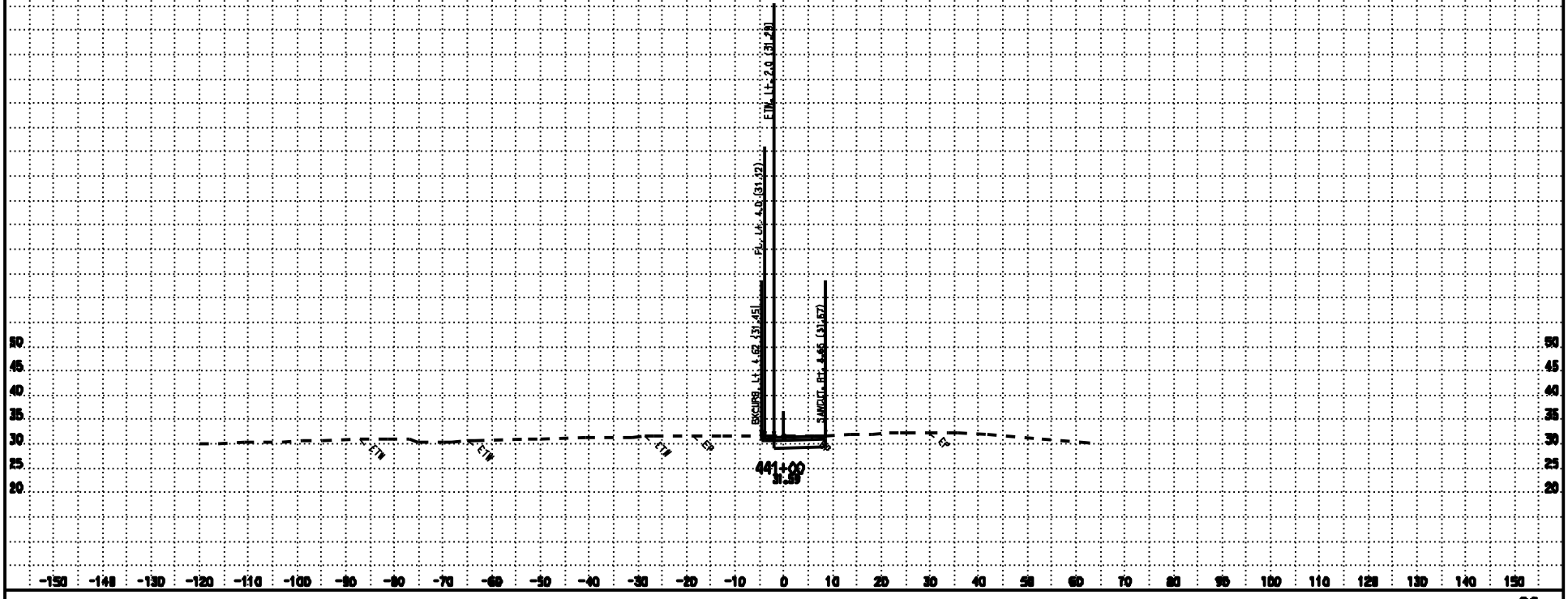
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S2
CROSS SECTIONS
SHEET 1 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
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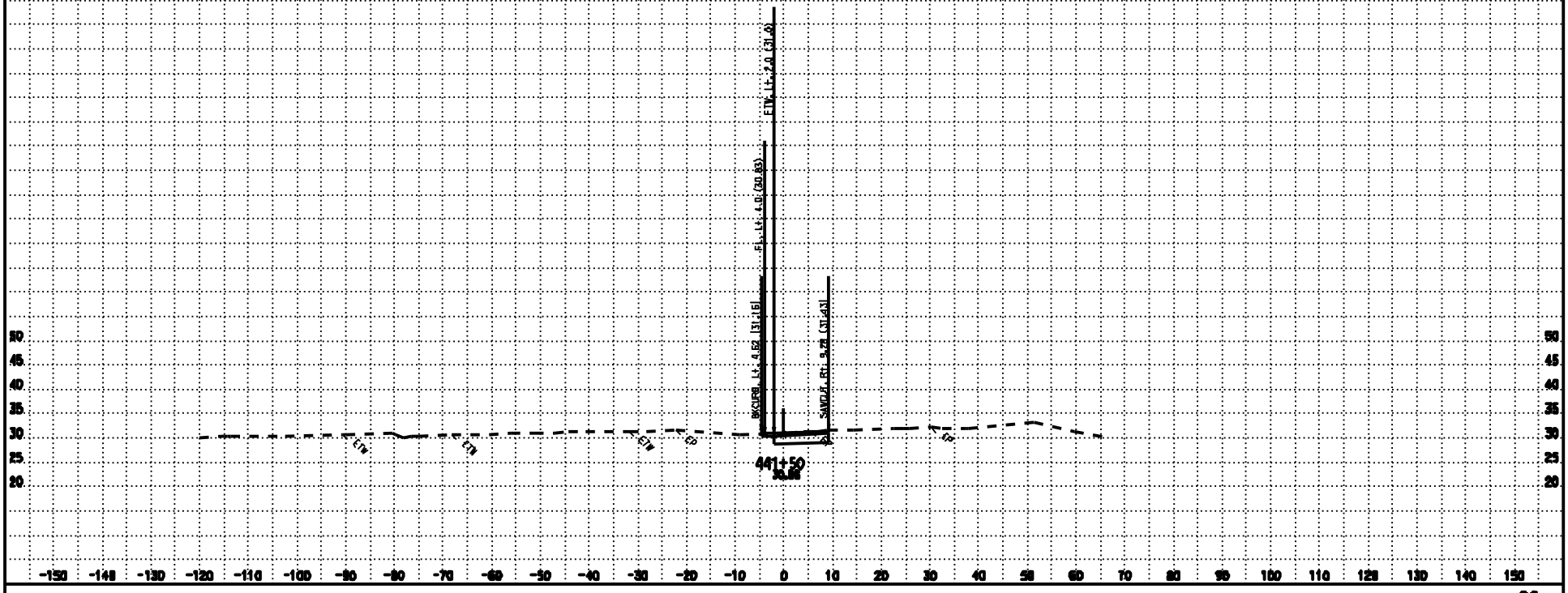
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S2
CROSS SECTIONS
SHEET 2 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

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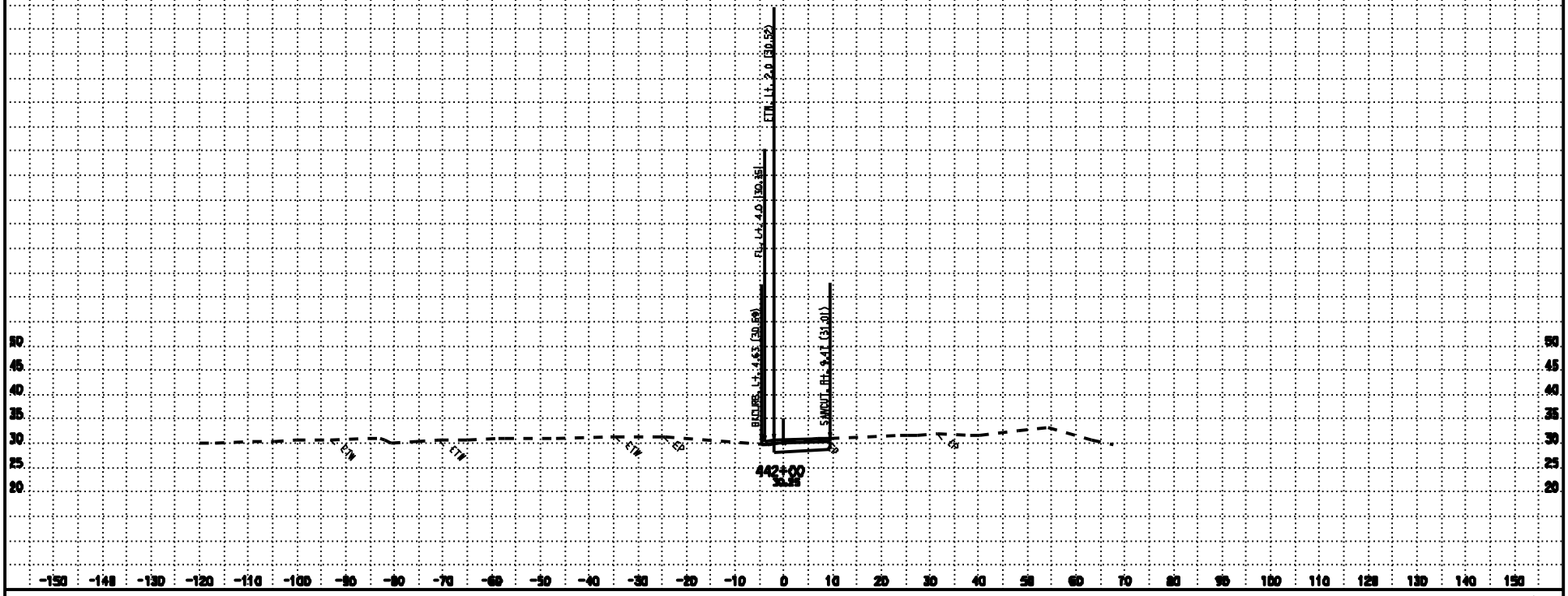
1" = 10' Vert.
All Dimensions are US Survey Feet

S2
CROSS SECTIONS
SHEET 3 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



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KC Project: 07154

CONTRACT: 3E3804
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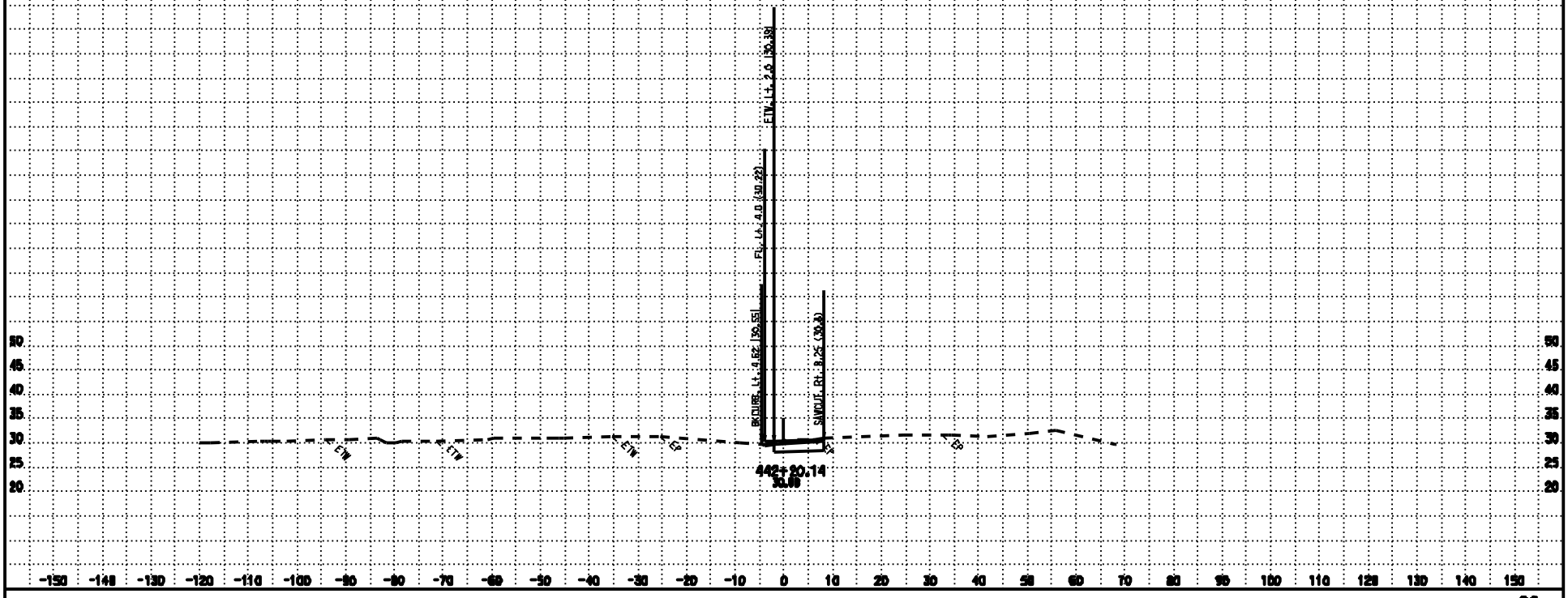
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S2
CROSS SECTIONS
SHEET 4 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



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DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

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1" = 10' Vert.

All Dimensions are US Survey Feet

KC Project: 07154

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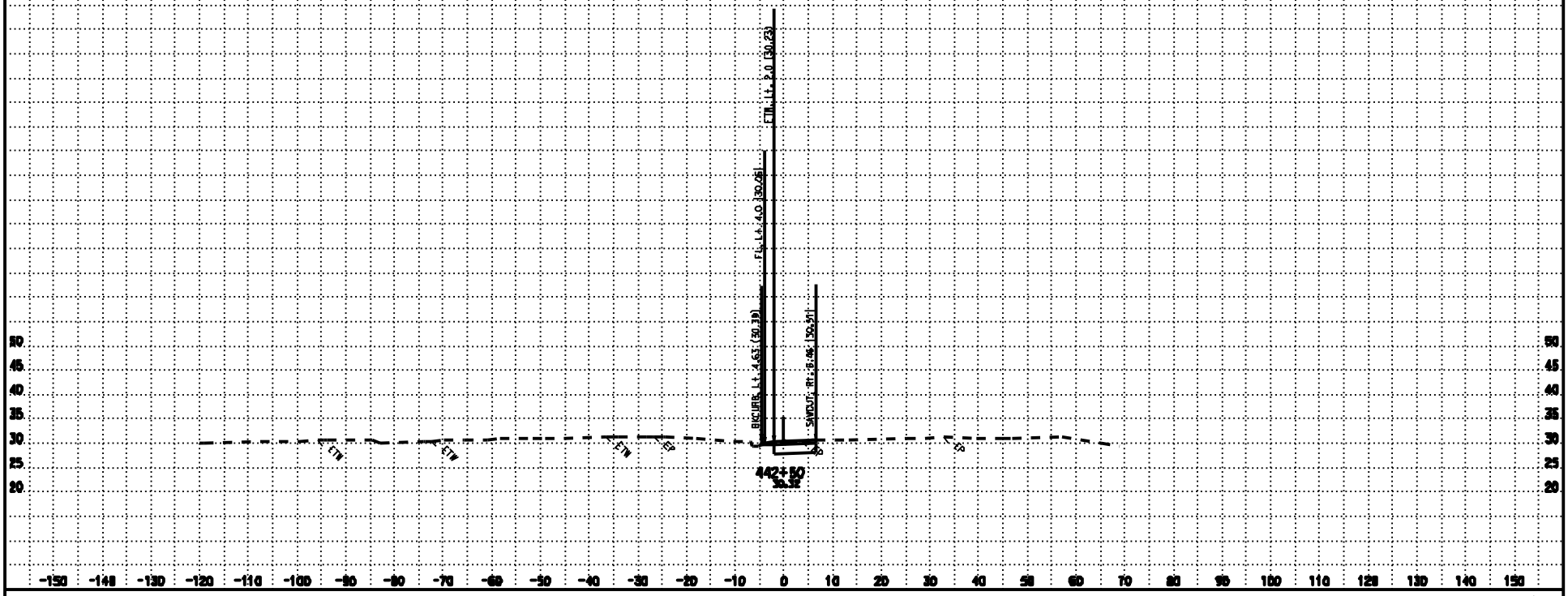
S2

CROSS SECTIONS

SHEET 5 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 07154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
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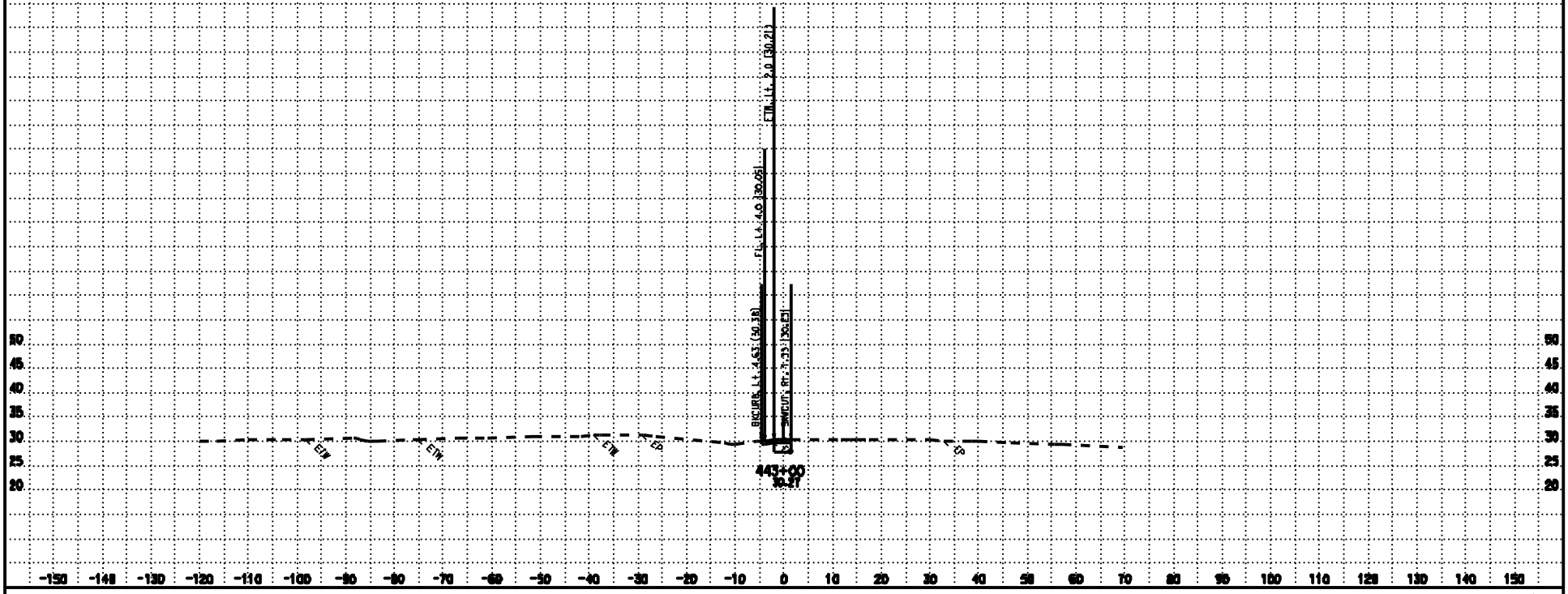
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S2
CROSS SECTIONS
SHEET 6 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



CONTRACT: 3E3804

DATE: 10/8/2009

DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

S2

CROSS SECTIONS

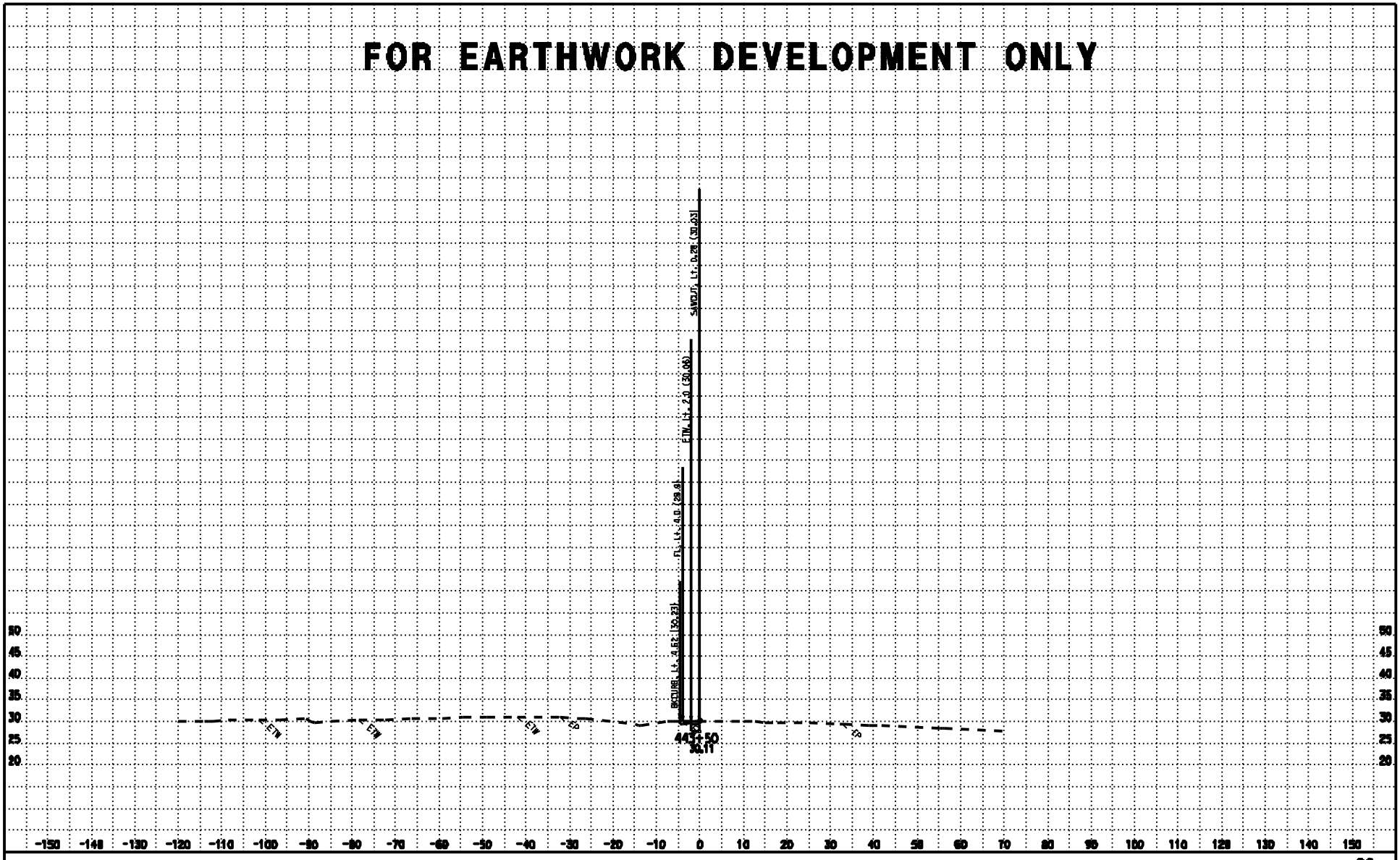
KC Project: 07154

Files: P:\proj4\03\3e380\design\Calce\PROJECTS\07154\Calce_Files\S2_STOCKTON_OFFRAMP\ear\s2_design.ear

All Dimensions are US Survey Feet

SHEET 7 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



DATE: 10/8/2009
KC Project: 071154

CONTRACT: 3E3804
DIST/CO/RTE/PM: 03/SAC/99/16.8-18.1
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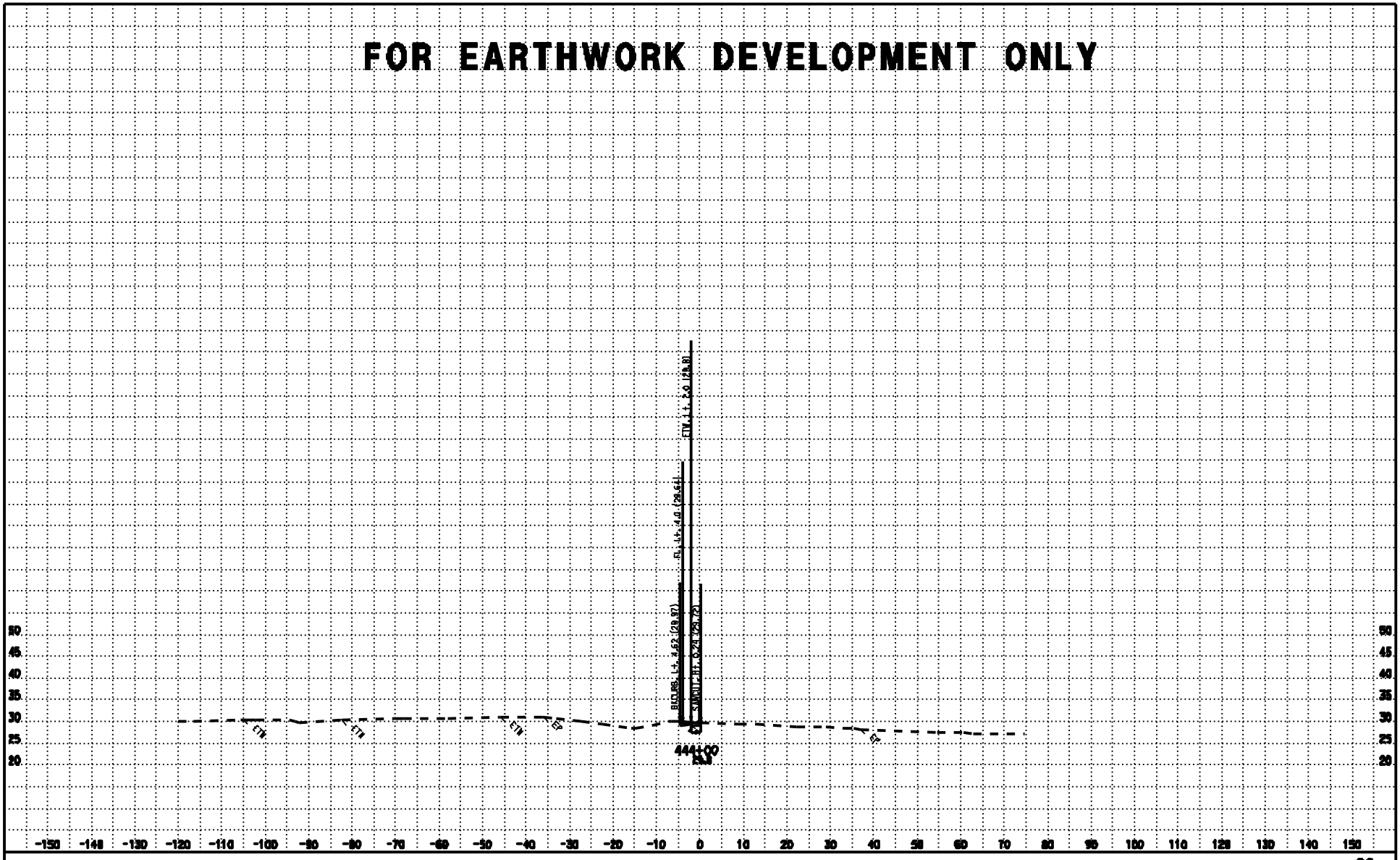
SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S2
CROSS SECTIONS
SHEET 8 OF 9

FOR EARTHWORK DEVELOPMENT ONLY



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DIST/CO/RTE/PM: 03/SAC/99/16.0-18.1

DATE: 10/8/2009
KC Project: 07154
Files: P:\proj4\03\3e380\design\Calca\PROJECTS\07154\Calca_Files\S2_STOCKTON_OFFRAMP\ear\s2_design.ear

SCALE: 1" = 10' Horiz.
1" = 10' Vert.
All Dimensions are US Survey Feet

S2
CROSS SECTIONS
SHEET 9 OF 9