

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

CHIEF, DIVISION OF LAND DEVELOPMENT

PROFESSIONAL CERTIFICATION. I HERERBY

PREPARED OR APPROVED BY ME . AND THAT

ENGINEER UNDER THE LAWS OF THE STATE

CERTIFY THAT THESE DOCUMENTS WERE

I AM A DULY LICENSED PROFESSIONAL

OF MARYLAND, LICENSE NO. 18470.

별 EXPIRATION DATE: OCTOBER 28, 2011

LEGEND

PROPOSED TOP OF BANK

EXISTING TOP OF BANK RIGHT

EXISTING TOP OF BANK LEFT

100-YR PROPOSED WATER SURFACE ELEVATION

100-YR EXISTING WATER SURFACE ELEVATION

EXISTING GROUND

PROPOSED GROUND

AS-BUILT GRADE

PROPOSED THALWEG

1. NON TYPICAL RIFFLE GRADE CONTROLS ARE TO BE BUILT WITH THE SAME MATERIAL AND MANNER AS TYPICAL RIFFLE GRADE CONTROLS EXCEPT THEIR CROSS SECTION SHAPE IS TO MATCH THE GRADING CONTOURS SHOWN ON SHEET 9.

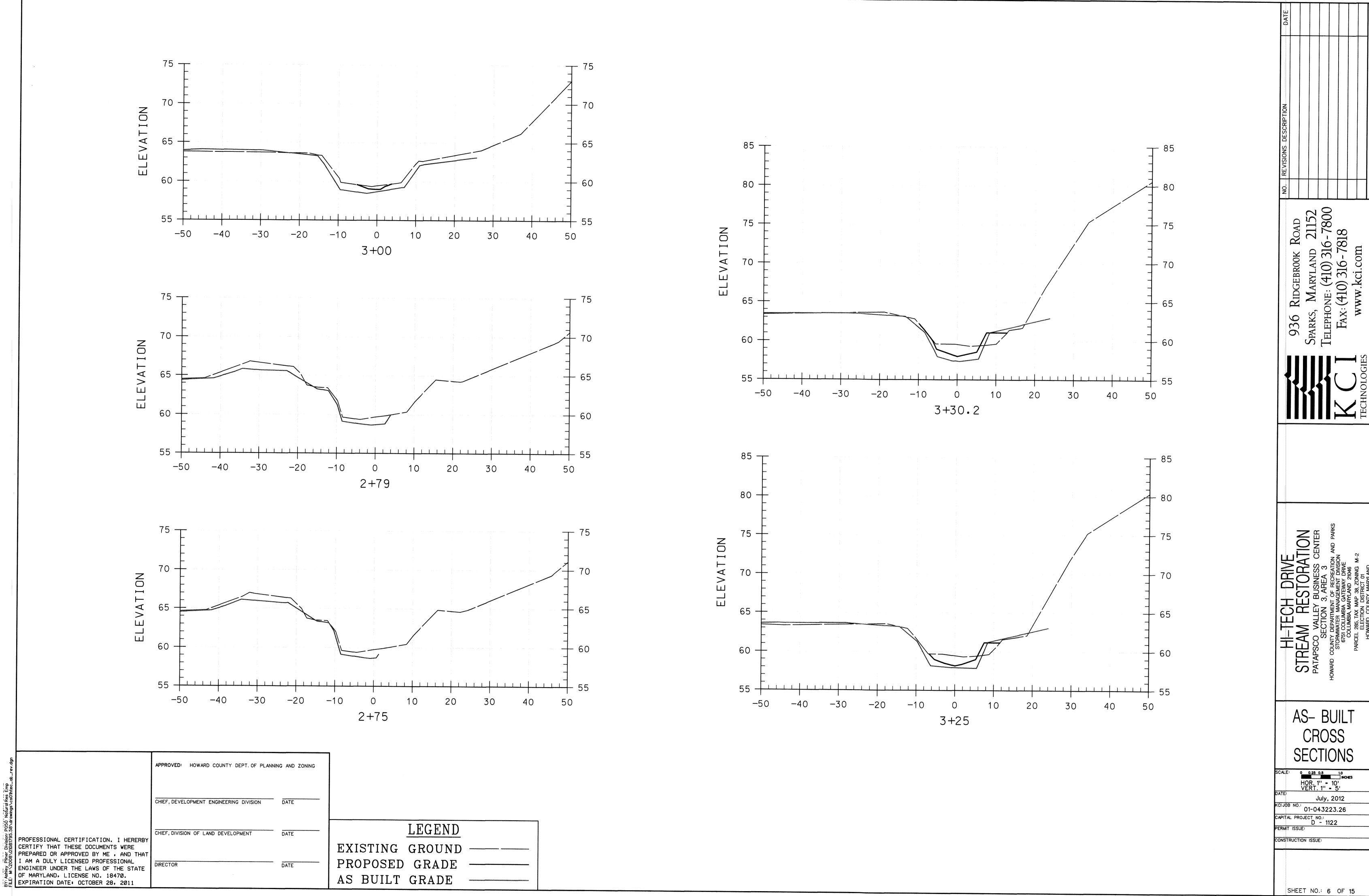
- 2. ALL GRADING ON THIS SHEET IS NON TYPICAL AND IS TO TIE-IN TO EXISTING BANK AND BED IN VARIOUS WAYS. ALL PROPOSED GRADING SHALL BE DONE TO REFLECT THE CONTOURS NOTED ON SHEET 9.
- 3. POOLS AND RIFFLES CALLED OUT ON THIS SHEET ONLY ARE NON TYPICAL. MATERIAL USED FOR THE BED SHOULD BE CHANNEL BED MATERIAL HOWEVER THE CROSS SECTIONAL SHAPE SHALL BE DETERMINED FROM THE CONTOURS DISPLAYED ON SHEET 9.

AS-BUILT PROFILE

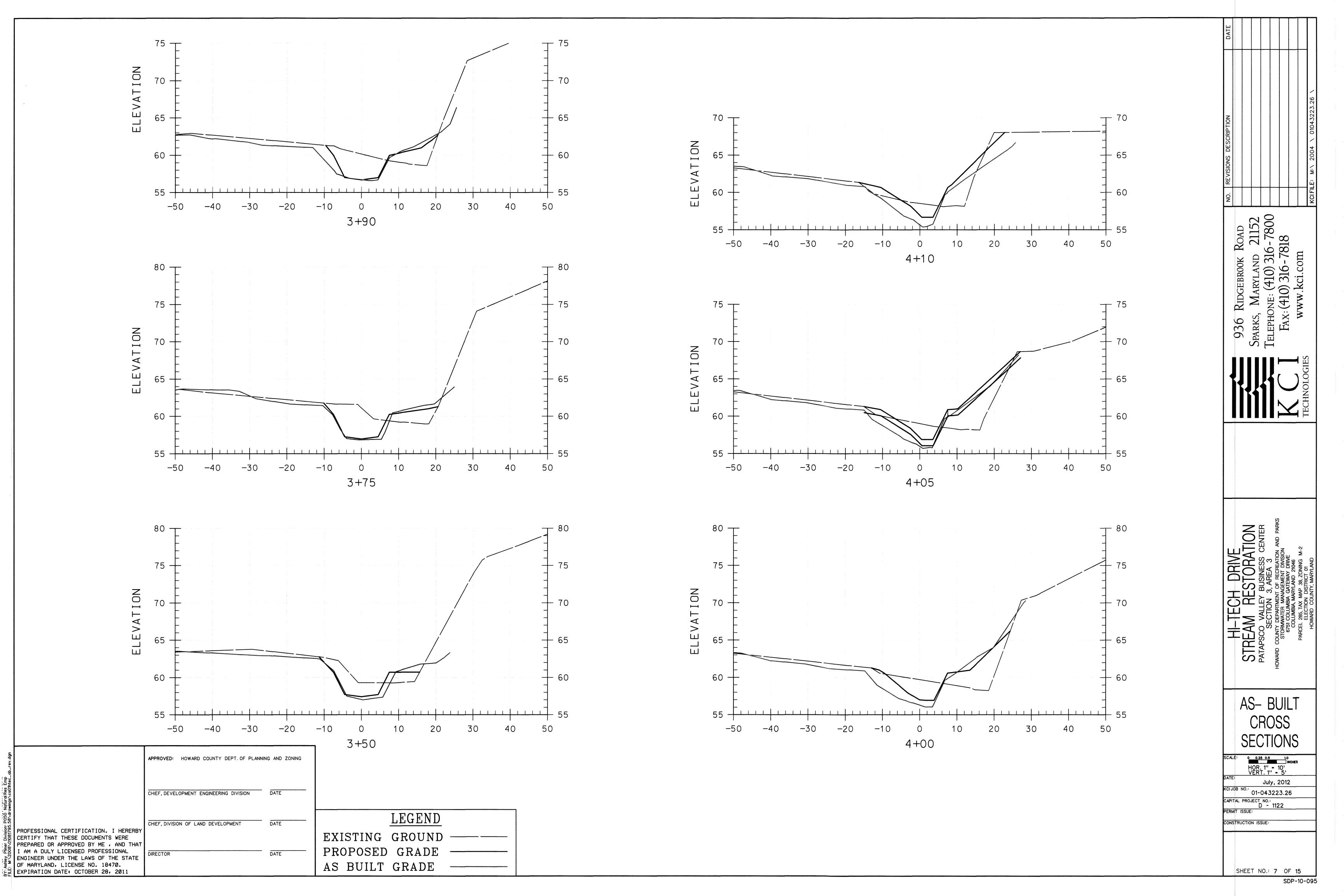
SCALE:	°.	0.25 0.5	1.0 INCHES
	HOR.	1"=20',	VERT. 1"
DATE:		July	2012
KCI JOB	NO.:	010817	95.58

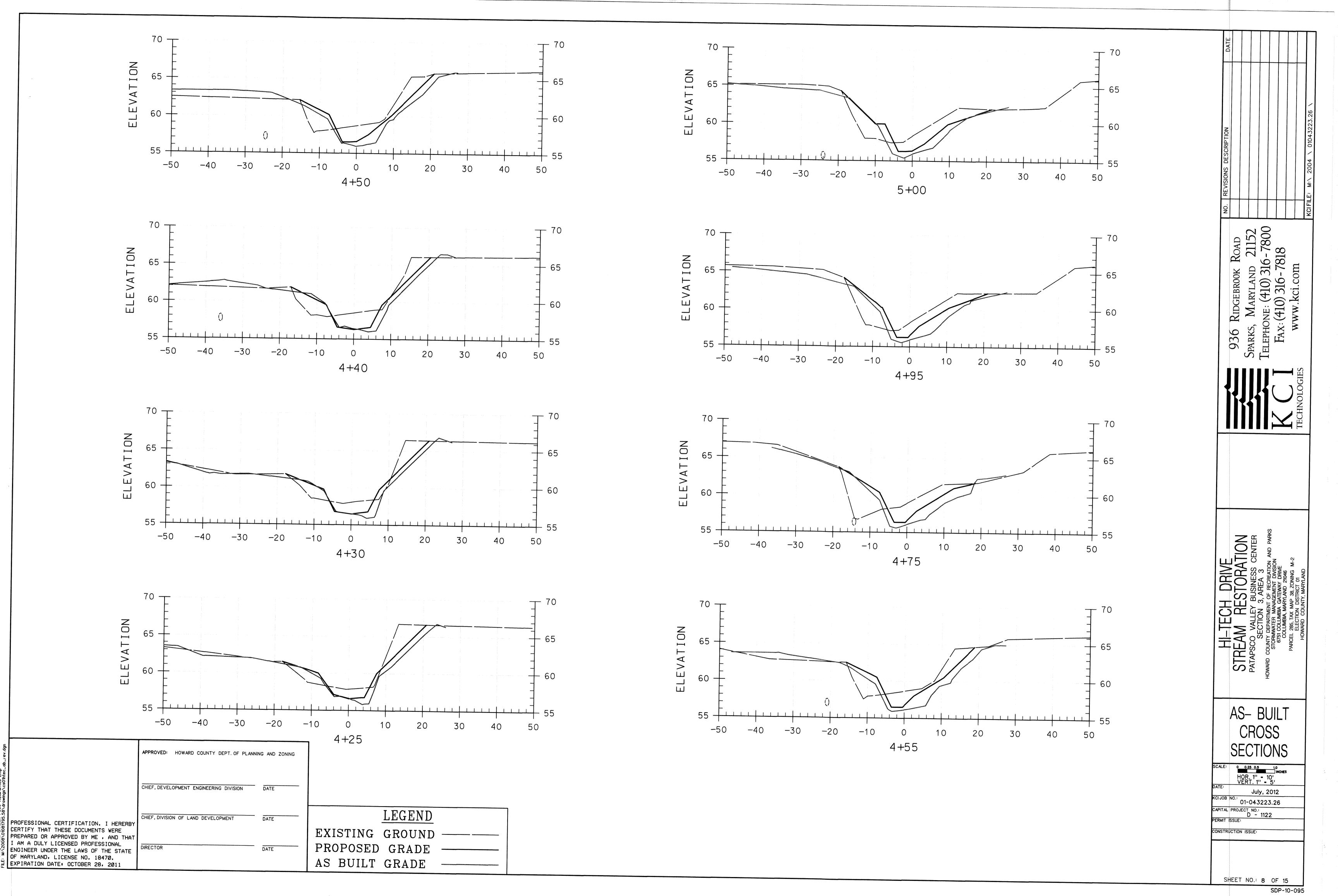
CAPITAL PROJECT NO.: D - 1122 PERMIT ISSUE: CONSTRUCTION ISSUE:

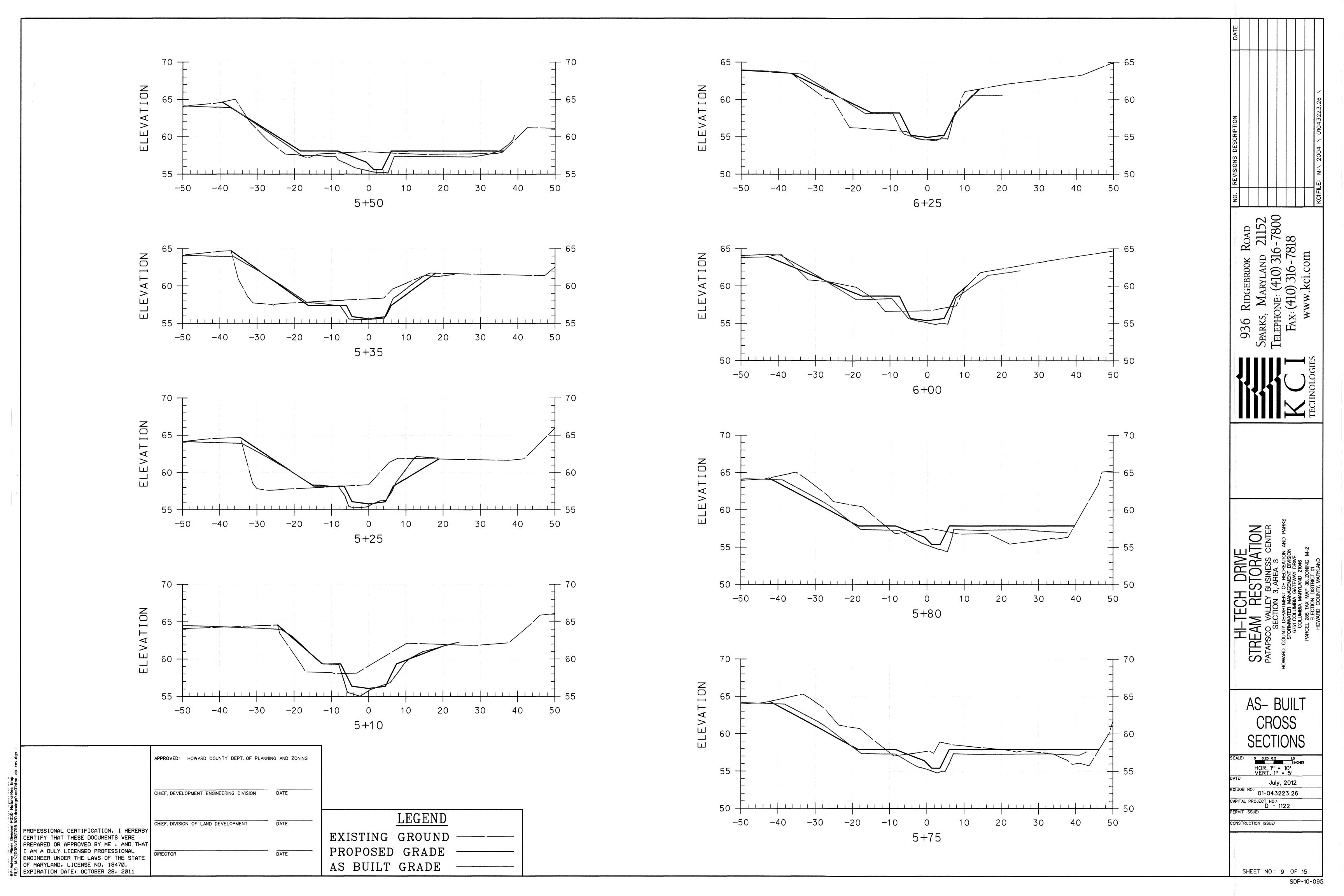
SHEET NO.: 5 OF 15 SDP-10-095

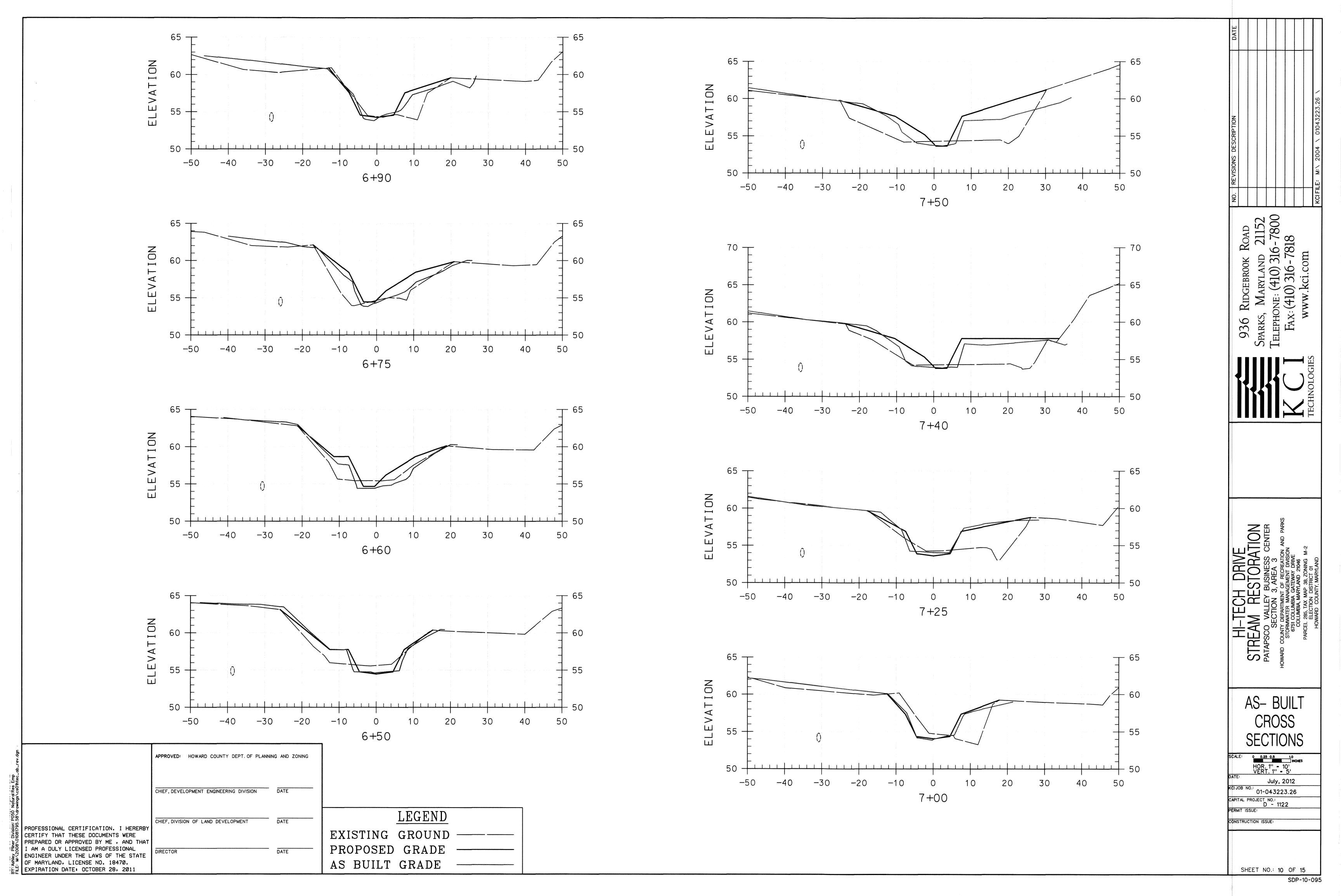


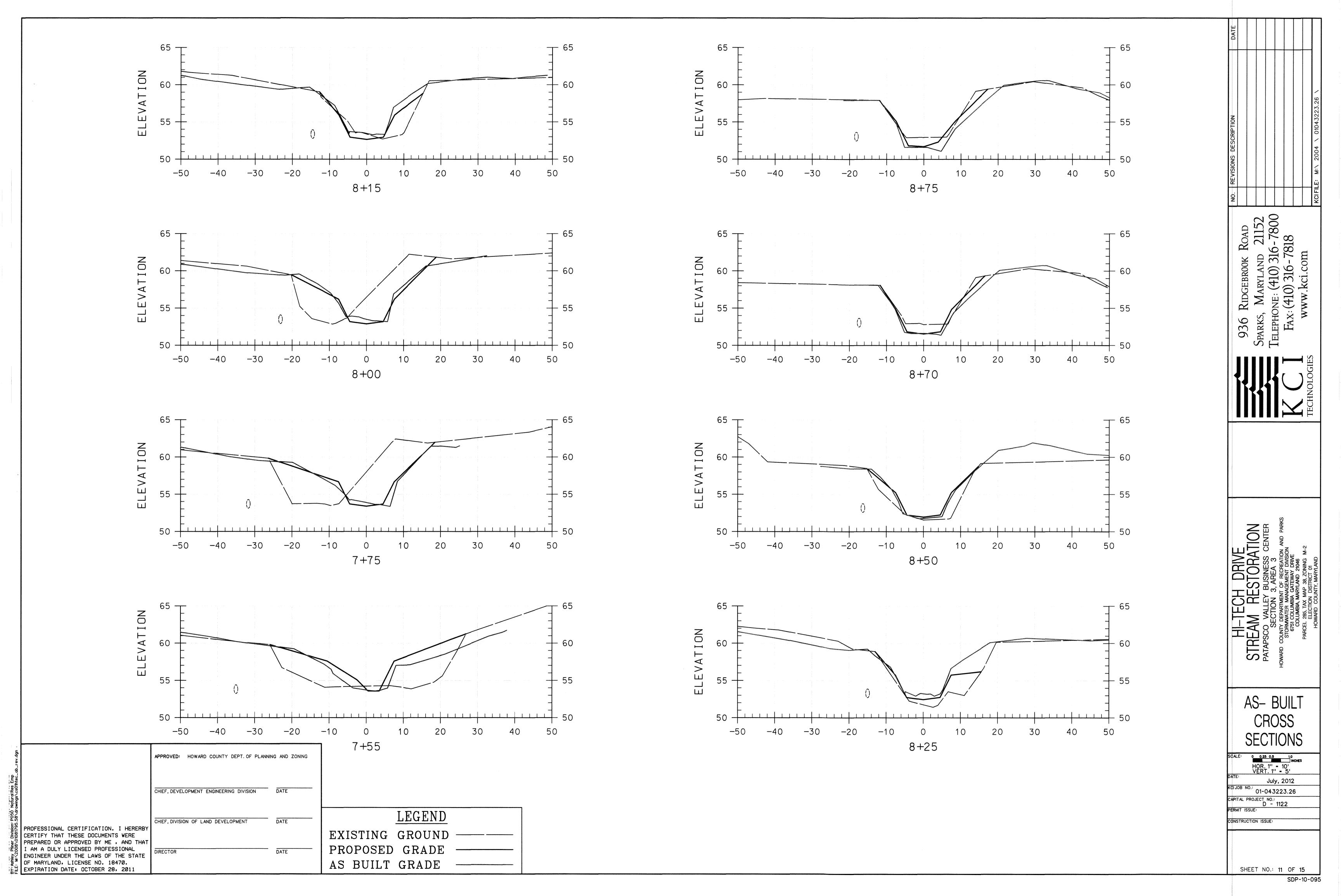
SDP-10-095

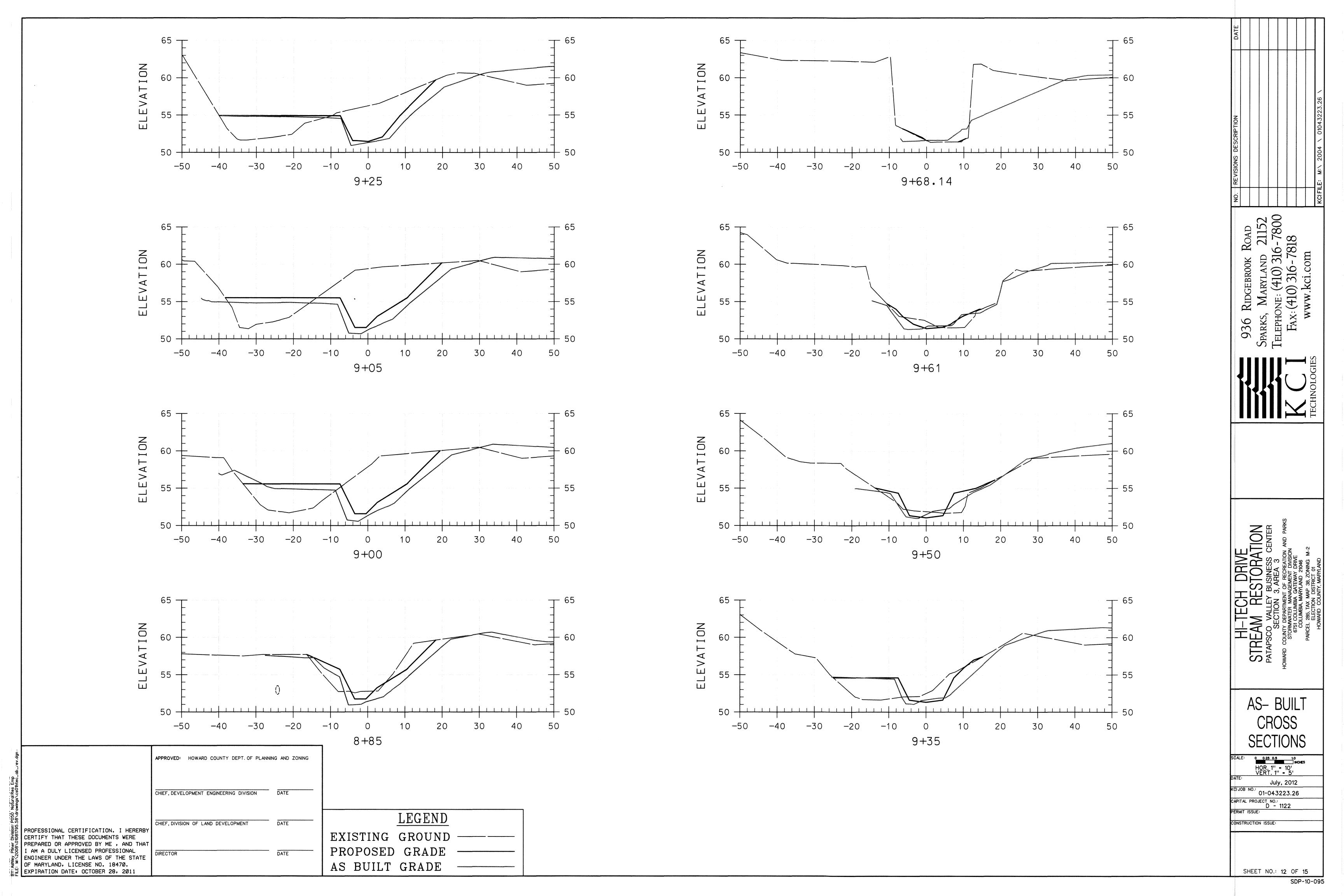


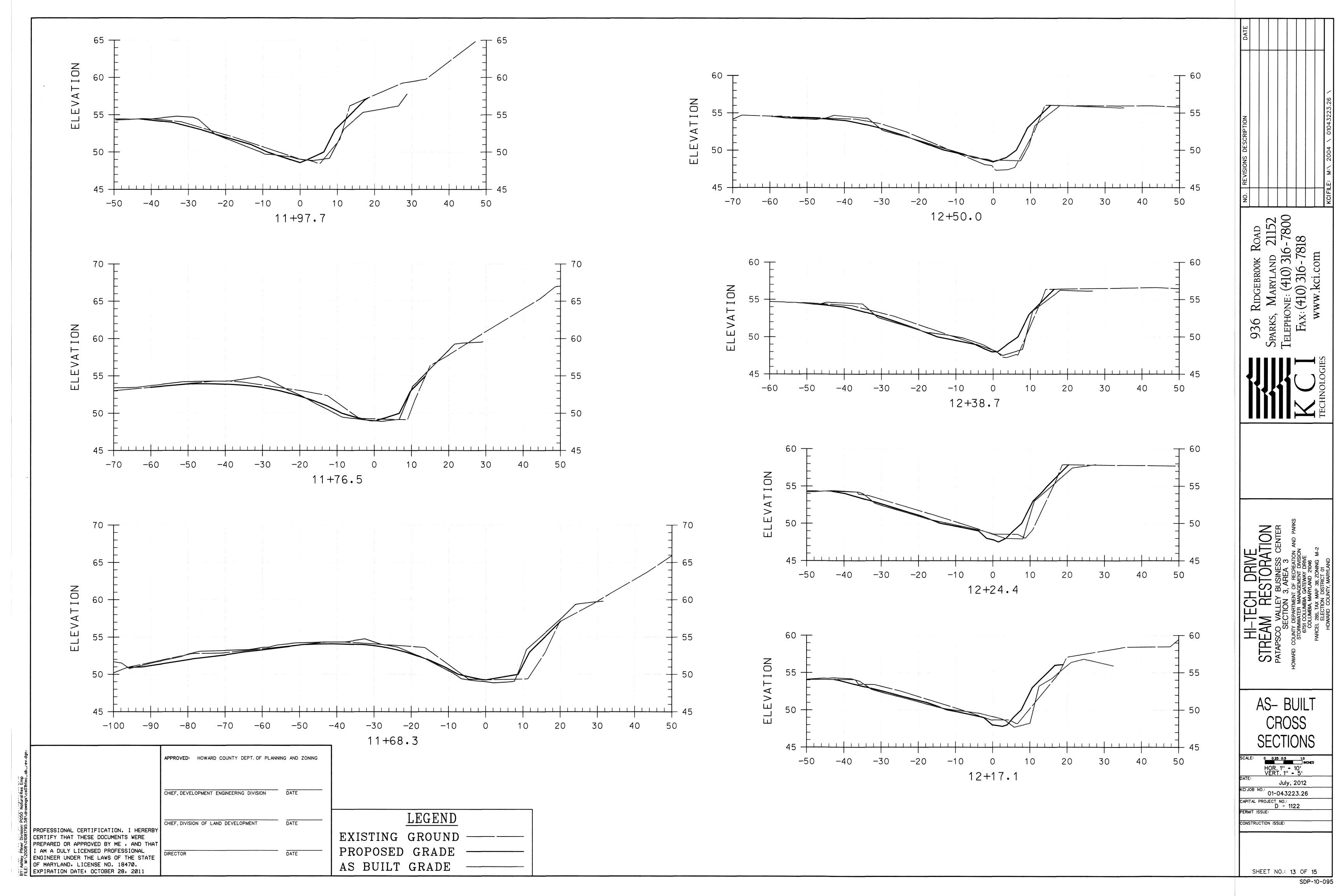


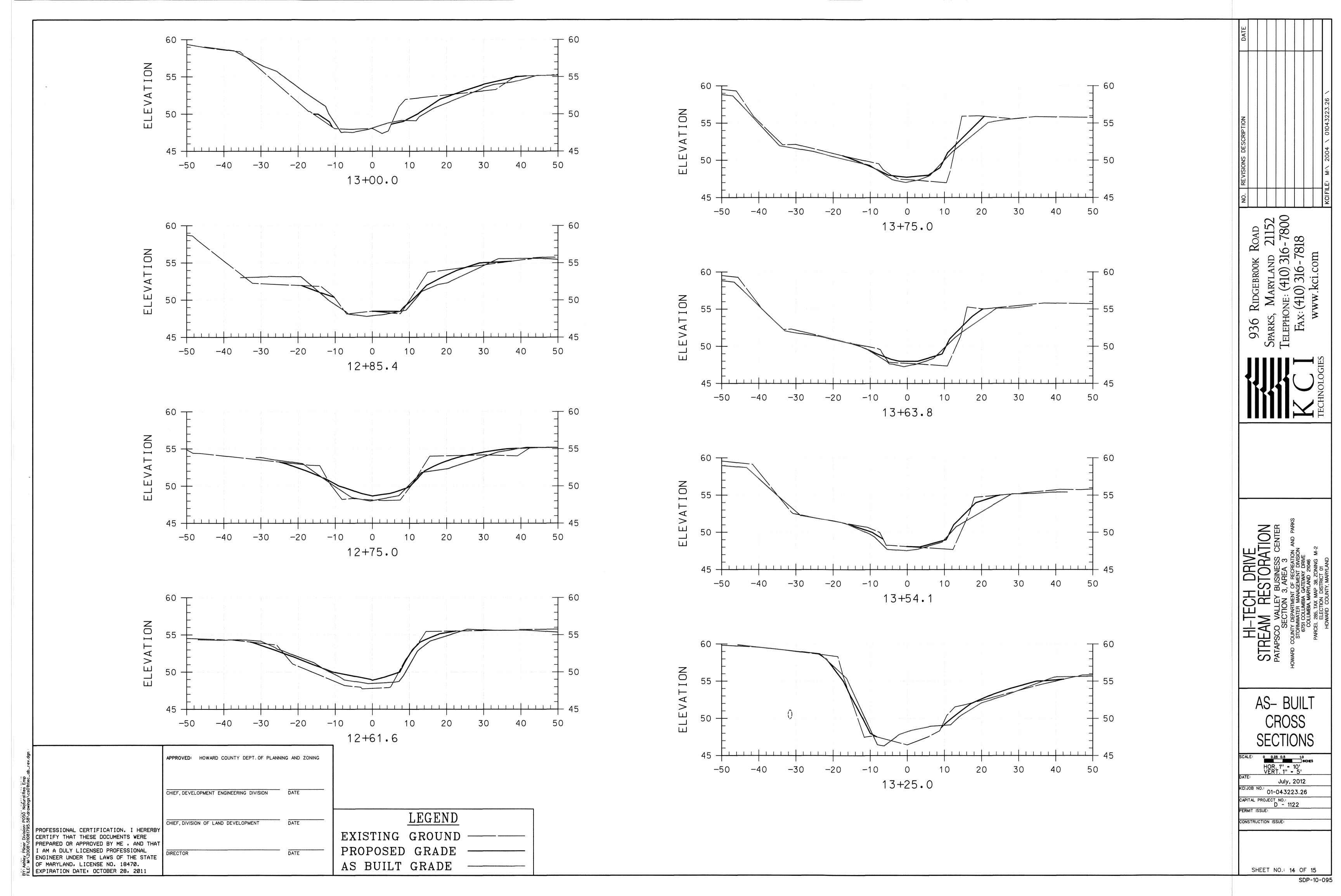


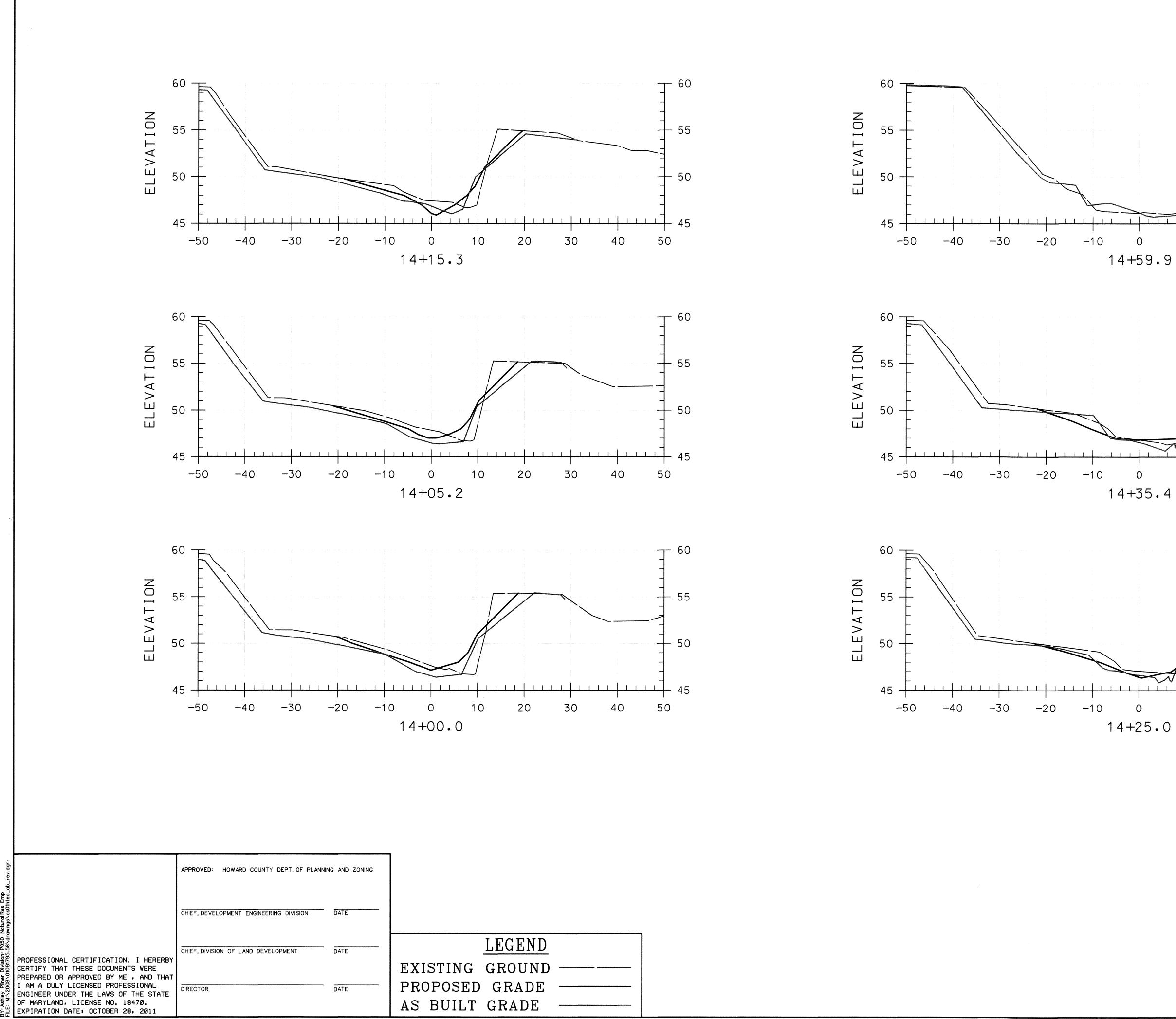












AS BUILT GRADE

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SLEPHONE: (410) 316-7800
FAX: (410) 316-7818
www.kci.com 14+59.9 936 14+35.4

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HI-STREA

AS- BUILT CROSS

0 0.25 0.5 1.0 INCHES HOR. 1" - 10' VERT. 1" - 5' July, 2012 KCIJOB NO.: 01-043223.26 CAPITAL PROJECT NO.: D - 1122 PERMIT ISSUE: CONSTRUCTION ISSUE:

SHEET NO .: 15 OF 15

SDP-10-095