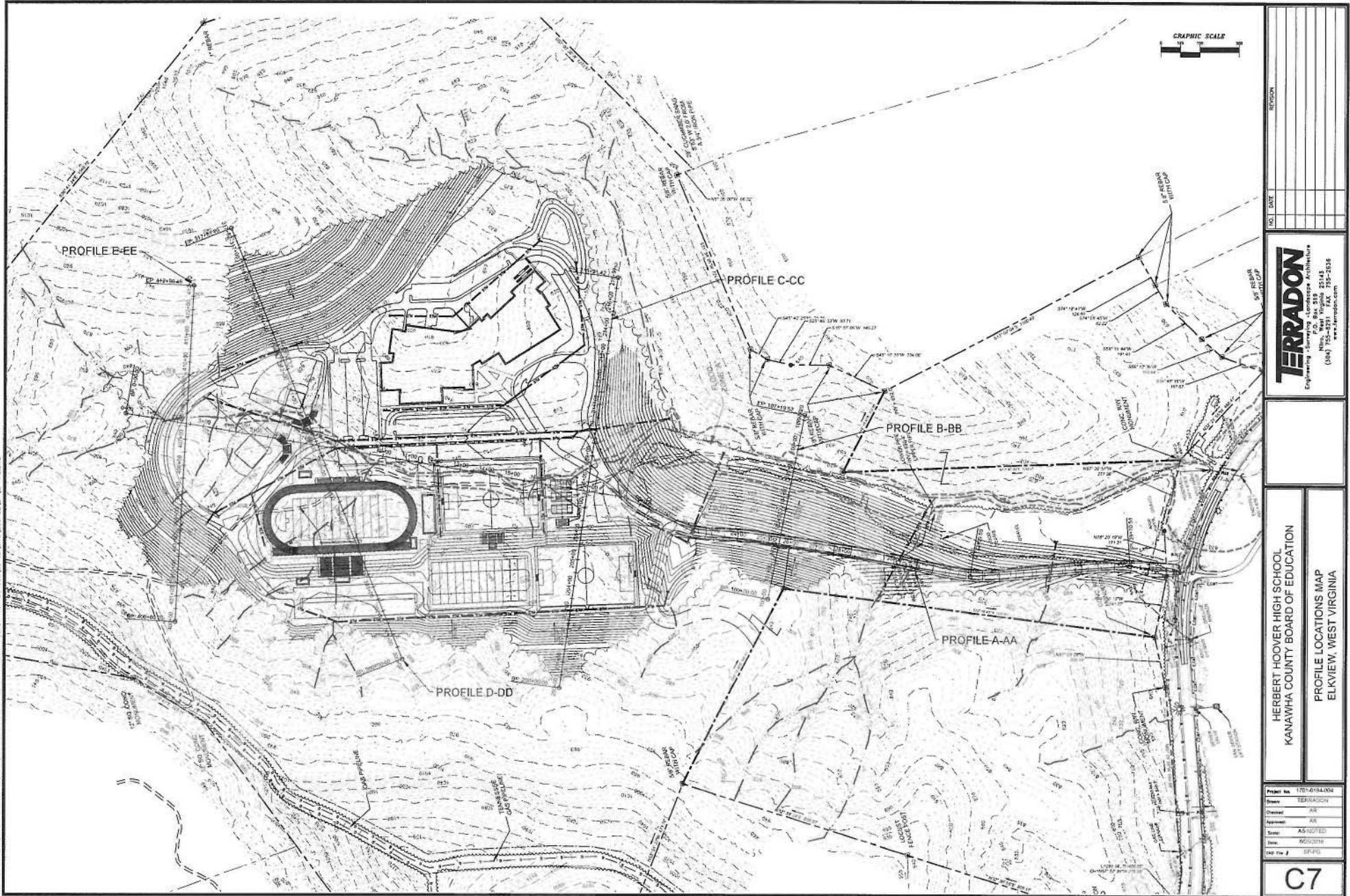
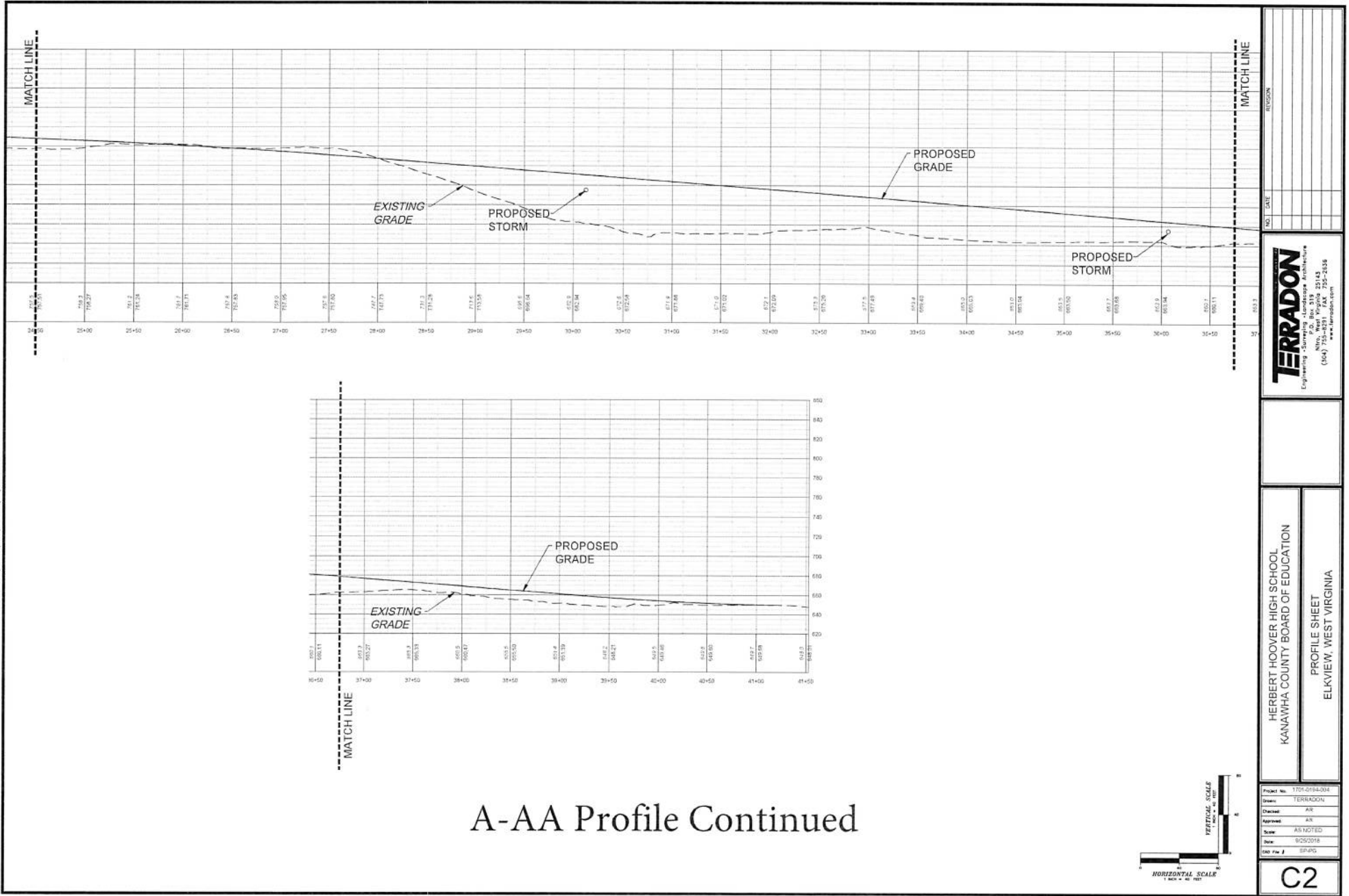


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<b>TERRADON</b> Engineering & Construction P.O. Box 535 Elkview, West Virginia 26039 (304) 752-5231 FAX 752-5236 www.terradon.com	
HERBERT HOOPER HIGH SCHOOL KANAWHA COUNTY BOARD OF EDUCATION PROFILE LOCATIONS MAP ELKVIEW, WEST VIRGINIA	
Project No: 1701-6184-004 Drawn: TERRADON Checked: AK Approved: AS (NOTED) Date: 05/05/2018 Drawn by: SP-FD	C7

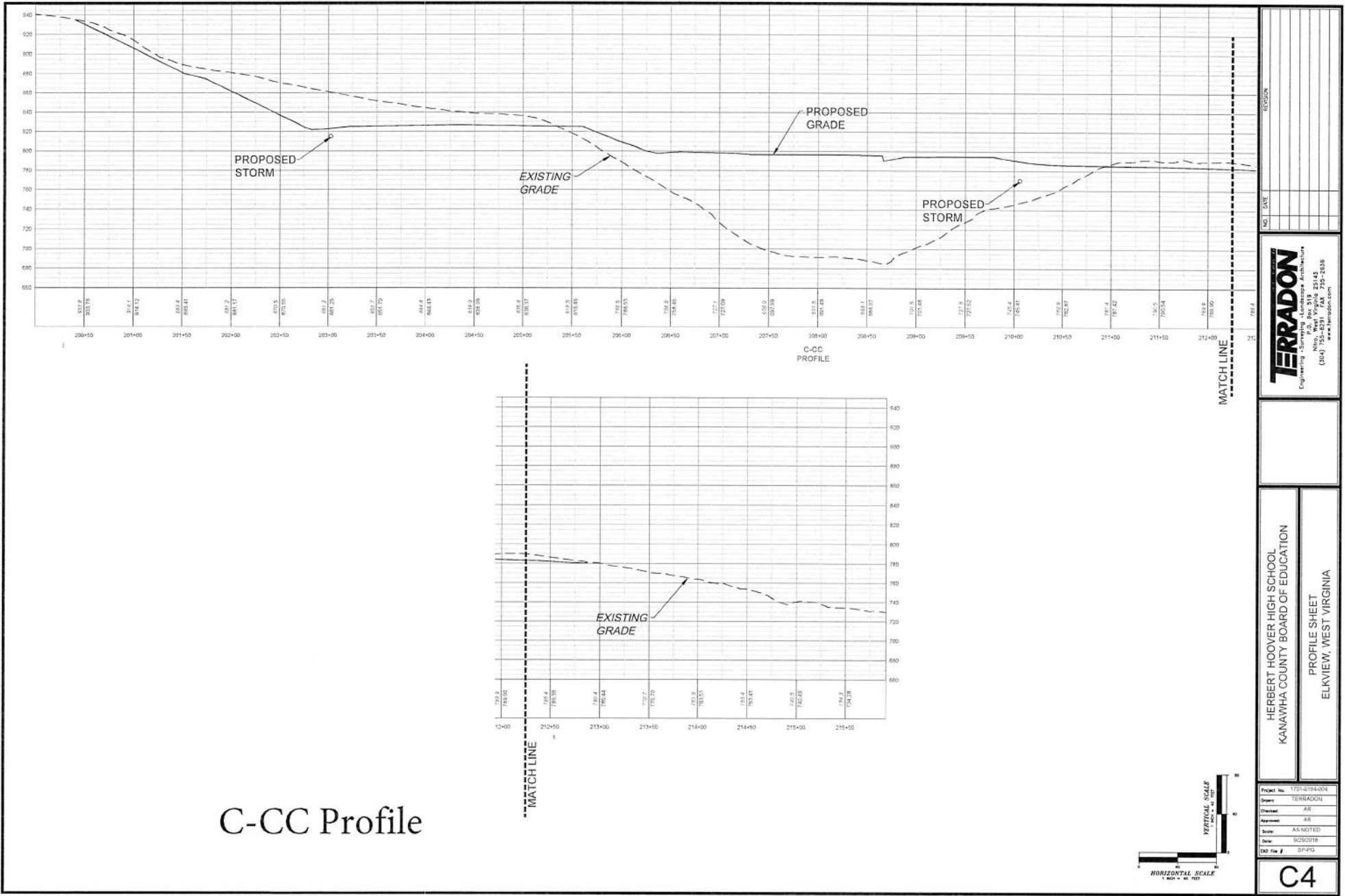
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A-AA Profile Continued

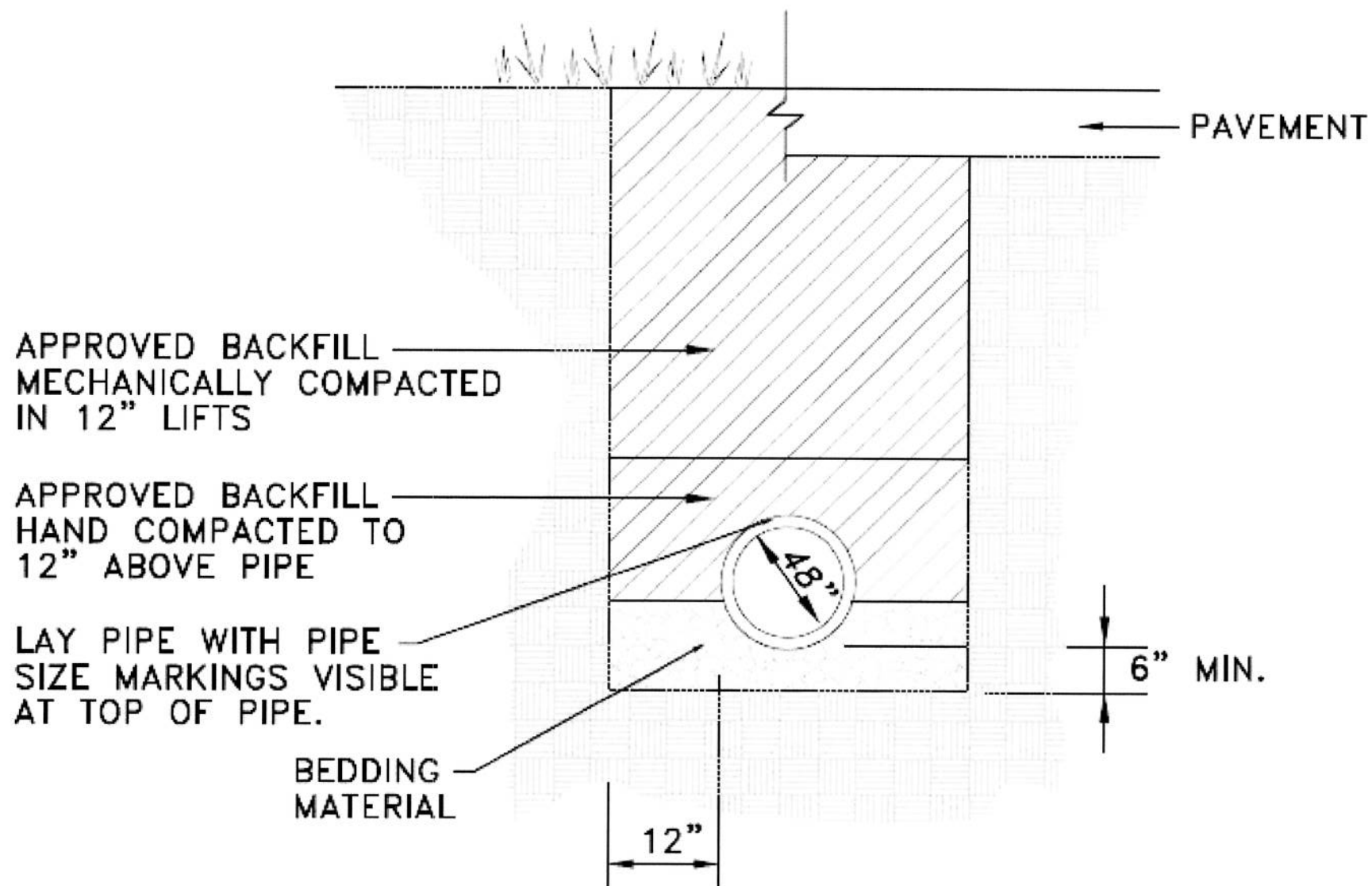
<b>TERRADON</b> Engineering - Surveying - Landscape Architecture P.O. Box 319 20143 Niles, IL 60158 FAX 708-553-8336 www.terradon.com	
Project No: 1701-0184-004 Sheet: TERRADON Client: WPA Design: A/S Scale: AS NOTED Date: 8/25/2018 CAD File: SPRAG	
HERBERT HOOVER HIGH SCHOOL KANAWHA COUNTY BOARD OF EDUCATION PROFILE SHEET ELKVIEW, WEST VIRGINIA	
<b>C2</b>	

PLOT DATE: 9/23/2018 3:48 PM P:\2018\1801-0452-004 - WSA - HERBERT HOOPER HIGH SCHOOL\20-UD\WD\SOURCE\38-454-18.DWG









## 48" STORM PIPE BEDDING DETAIL

NOT TO SCALE

(PIPE-BED.DWG)

Table 1: Aquatic resources on-site and discharge of fill material associated with the Herbert Hoover High School Development Project  
LRH-2018-323-ELK

<b>Aquatic Resources</b>	<b>Latitude (decimal degrees)</b>	<b>Longitude (decimal degrees)</b>	<b>Flow Regime or Cowardian Class</b>	<b>Estimated amount of aquatic resource in review area in linear feet (lf)</b>	<b>Length in linear feet (lf) of proposed discharge of dredged and/or fill material</b>	<b>Type of Discharge</b>
Stream 1 (Givens Fork)	38.4485	-81.4821	Perennial	4, 193.66	2, 773.03	Permanent/cut, grade, fill 48" Piping Runs/Stormwater
Stream 2	38.4493	-81.4851	Ephemeral	527.90	---	---
Stream 3	38.4496	-81.4833	Ephemeral	542.42	91.72	Culvert Replacement
Stream 4	38.4510	-81.4823	Intermittent	574.34	283.27	Permanent/cut, grade, fill Culvert Replacement
Stream 5	38.4512	-81.4831	Ephemeral	253.94	---	---
Stream 6	38.4512	-81.4845	Ephemeral	98.87	---	---
Stream 7	38.4520	-81.4852	Ephemeral	586.14	---	---
Stream 8	38.4518	-81.4848	Ephemeral	233.94	---	---
Stream 9	38.4518	-81.4834	Ephemeral	164.71	---	---
Stream 10	38.4523	-81.4833	Ephemeral	230.40	---	---
Stream 11	38.4529	-81.4834	Ephemeral	427.52	---	---
Stream 12	38.4530	-81.4839	Ephemeral	277.66	---	---
Stream 13	38.4523	-81.4841	Ephemeral	509.00	---	---
Stream 14	38.4526	-81.4840	Ephemeral	554.73	---	---
Stream 15	38.4535	-81.4816	Ephemeral	875.16	705.28	Permanent/cut, grade, fill 48" Piping/Stormwater
Stream 16	38.4537	-81.4826	Ephemeral	234.75	---	---
Stream 17	38.4545	-81.4805	Ephemeral	274.32	274.32	Permanent/cut, grade, fill
Stream 18	38.4555	-81.4801	Ephemeral	403.36	403.36	Permanent/cut, grade, fill
Stream 19	38.4561	-81.4796	Intermittent	307.55	307.55	Permanent/cut, grade, fill
Stream 20	38.4565	-81.4804	Ephemeral	686.29	477.84	Permanent/cut, grade, fill 48" Piping/Stormwater
Stream 21	38.4576	-81.4800	Ephemeral	571.93	417.78	Permanent/cut, grade, fill 48" Piping/Stormwater
Stream 22	38.4581	-81.4801	Ephemeral	140.37	---	---

Table 1: Aquatic resources on-site and discharge of fill material associated with the Herbert Hoover High School Development Project  
LRH-2018-323-ELK

Stream 23	38.4575	-81.4782	Ephemeral	211.00	211.00	Permanent/cut, grade, fill
Stream 24	38.4579	-81.4779	Ephemeral	356.31	260.08	Permanent/cut, grade, fill 48" Piping/Stormwater
<b>Aquatic Resources</b>	<b>Latitude (decimal degrees)</b>	<b>Longitude (decimal degrees)</b>	<b>Flow Regime or Cowardian Class</b>	<b>Estimated amount of aquatic resource in review area in linear feet (lf)</b>	<b>Length in linear feet (lf) of proposed discharge of dredged and/or fill material</b>	<b>Type of Discharge</b>
Stream 25	38.4584	-81.4779	Ephemeral	183.34	---	---
Stream 26	38.4592	-81.4781	Ephemeral	277.94	---	---
Stream 27	38.4587	-81.4781	Ephemeral	77.49	---	---
Stream 28	38.4581	-81.4773	Intermittent	261.55	261.55	Permanent/cut, grade, fill 48" Piping/Stormwater
Stream 29	38.4584	-81.4773	Ephemeral	343.40	50	
Stream 30	38.4592	-81.4777	Ephemeral	312.68	---	---
Stream 31	38.4594	-81.4774	Ephemeral	379.75	---	---
Stream 32	38.4590	-81.4771	Ephemeral	207.09	---	---
Stream 33	38.4586	-81.4765	Ephemeral	307.32	50	Permanent/cut, grade, fill 48" Piping/Stormwater
Stream 34	38.4589	-81.4758	Ephemeral	206.38	---	---
Stream 35	38.4587	-81.4756	Ephemeral	335.29	---	---
Stream 36	38.4563	-81.4782	Ephemeral	98.67	---	---
Stream 37	38.4527	-81.4781	Ephemeral	1, 002.59	155	Stream redirection
Stream 38	38.4558	-81.4745	Ephemeral	1, 713.07	---	---
Stream 39	38.4528	-81.4757	Ephemeral	252.76	---	---
Stream 40	38.4535	-81.4751	Ephemeral	266.25	---	---
Stream 41	38.4540	-81.4751	Ephemeral	198.77	---	---
Stream 42	38.4542	-81.4751	Ephemeral	110.82	---	---
Stream 43	38.4543	-81.4575	Ephemeral	211.87	---	---
Stream 44	38.4550	-81.4747	Ephemeral	287.90	---	---
Stream 45	38.4527	-81.4759	Ephemeral	204.37	---	---
<b>Total</b>				<b>20, 475.87 lf</b>	<b>6, 721.78 lf</b>	<b>1, 120 cubic yards</b>