

February 20, 2009

Mr. John Murray, PE
Mooresville Regional Office
610 East Center Ave
Mooresville NC 28115

Re: Old Salisbury Road Landfill (OSR), Permit No. 34-12
Phase I, II, & III Permit Modification
HDR Project No. 00162-98415-018

Dear Mr. Murray:

As discussed in our on-site meeting at the Old Salisbury Road C&D Landfill on November 6, 2008, HDR Engineering Inc. of the Carolinas is submitting this permit modification for OSR Phases I, II, & III. The modification is to thicken the 2-foot thick soil cap over the closed portion of Phases I, II and III.

Attached is a set of four drawings depicting the desired changes. Drawing C-01 shows the previously permitted final contours. Drawing C-02 shows the additional soil placement over the existing closed portion of Phases I, II and III. The closure certification was submitted by HDR to NCDENR on November 5, 2008. The additional cap thickness was designed to offset the remaining soil excavation quantity to reach permitted basegrades in Phase VI. The volume is approximately 117,000 cubic yards. The Phase VI construction needs to occur in the summer of 2009. Drawing C-03 shows new proposed final contours with the thickened cap and drawing C-04 shows two cross sections through the current and proposed permitted contours. The soil cap on the top slope over Phases I, II, & III will increase by approximately 10 feet at the pinnacle for a maximum cap thickness of approximately 12 feet. It should be noted that the modified contours are only for soil and no additional waste will be added in the closed portions of Phases I, II and III.

Should you have any questions regarding this permit modification, please do not hesitate to call me at (704) 338-6843.

Sincerely,

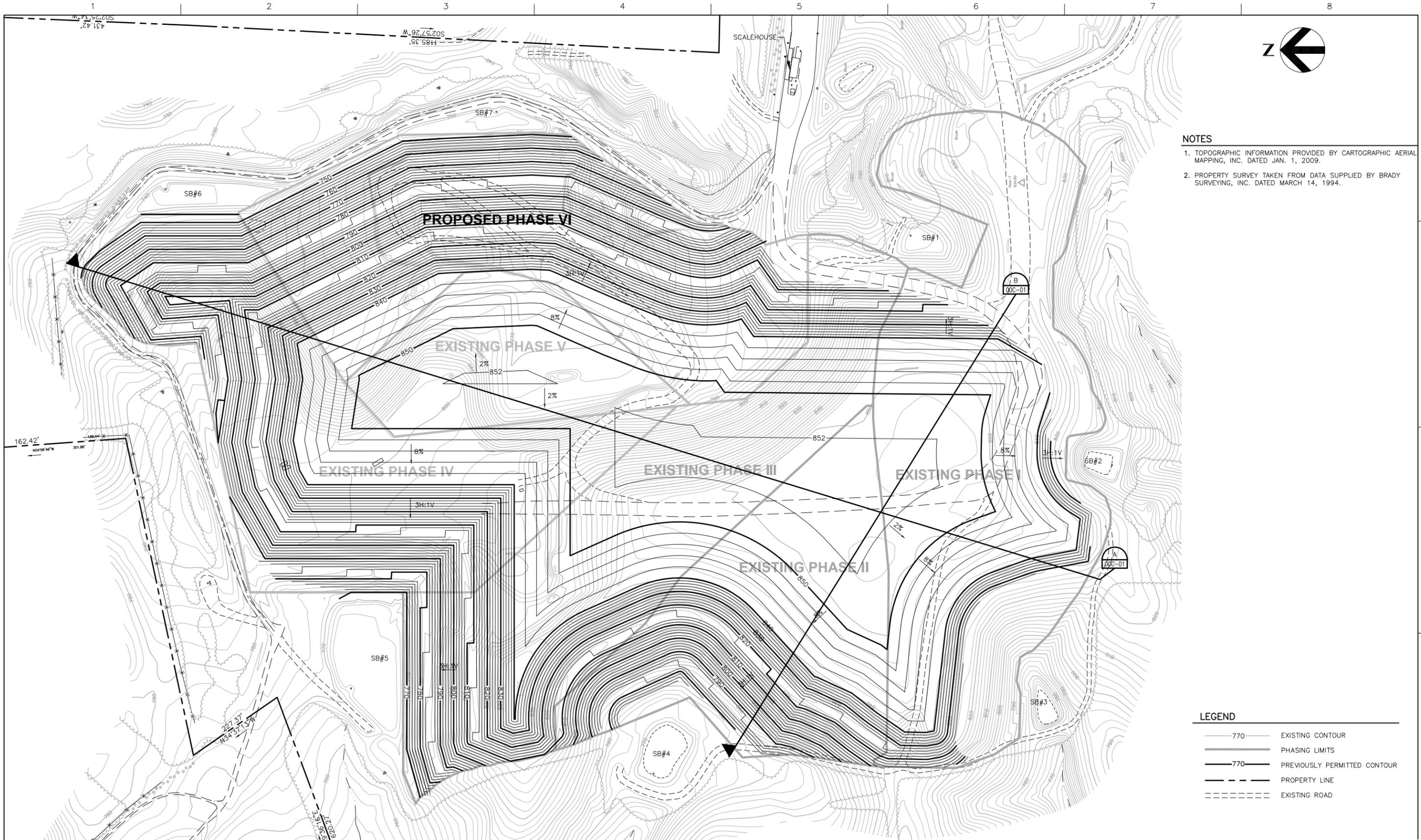
HDR Engineering, Inc. of the Carolinas



Michael D. Plummer, PE
Project Manager

MDP/apb

Cc: Jan McHargue – City of Winston-Salem
Ed Gibson – City of Winston-Salem



- NOTES**
1. TOPOGRAPHIC INFORMATION PROVIDED BY CARTOGRAPHIC AERIAL MAPPING, INC. DATED JAN. 1, 2009.
 2. PROPERTY SURVEY TAKEN FROM DATA SUPPLIED BY BRADY SURVEYING, INC. DATED MARCH 14, 1994.

- LEGEND**
- 770 — EXISTING CONTOUR
 - PHASING LIMITS
 - 770 — PREVIOUSLY PERMITTED CONTOUR
 - - - - - PROPERTY LINE
 - - - - - EXISTING ROAD



ISSUE	DATE	DESCRIPTION
A	02/09	ISSUED FOR REVIEW

PROJECT MANAGER	M.D. PLUMMER, P.E. E. HARTWICK
PROJECT NUMBER	00162-98415-018



Old Salisbury Road Construction and Demolition Landfill Phase VI

WINSTON-SALEM NORTH CAROLINA

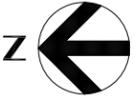
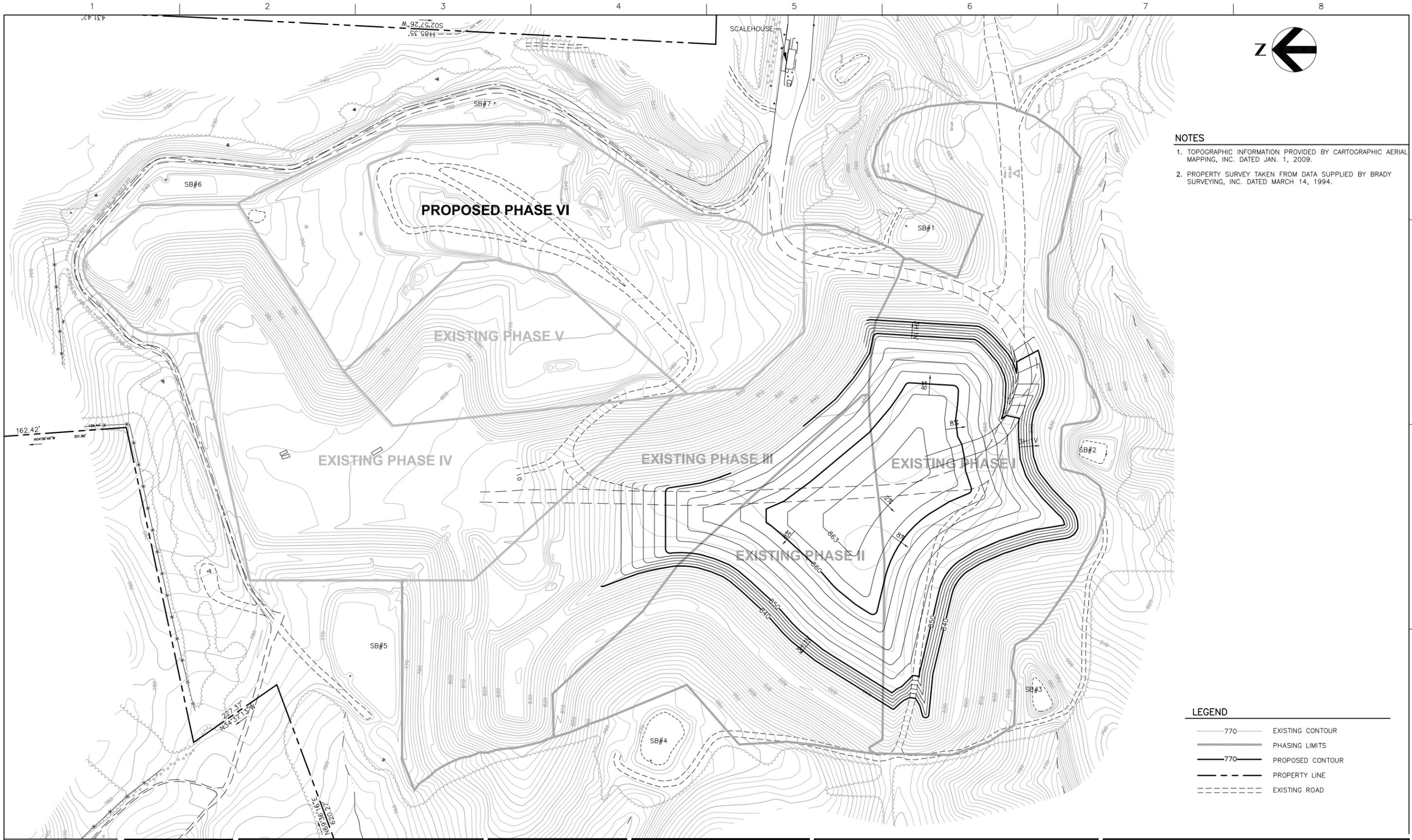
PREVIOUSLY PERMITTED PHASE I-VI PROPOSED FINAL GRADES MAXIMUM DEVELOPMENT

0 1" 2"

FILENAME: OOC-01.dwg SHEET: **00C-01**

SCALE: 1" = 100'

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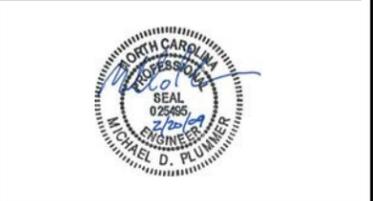
LEGEND

	770	EXISTING CONTOUR
		PHASING LIMITS
	770	PROPOSED CONTOUR
		PROPERTY LINE
		EXISTING ROAD



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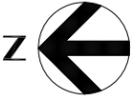
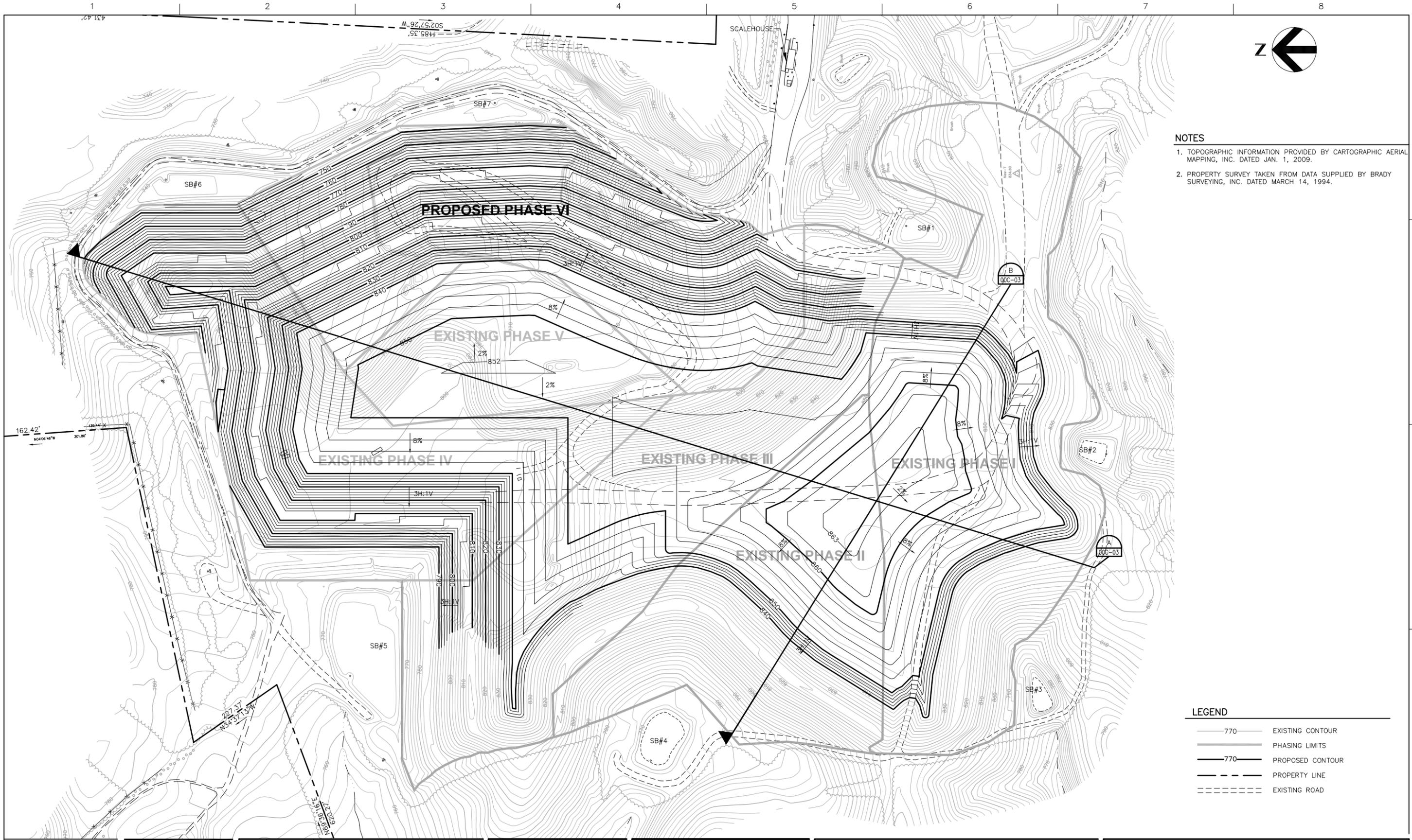
ADDITIONAL CAP COVER TO PHASE I, II, AND III

0 1" 2"

FILENAME: 00C-02.dwg
SCALE: 1" = 100'

SHEET
00C-02

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Old Salisbury Road Construction and Demolition Landfill Phase VI

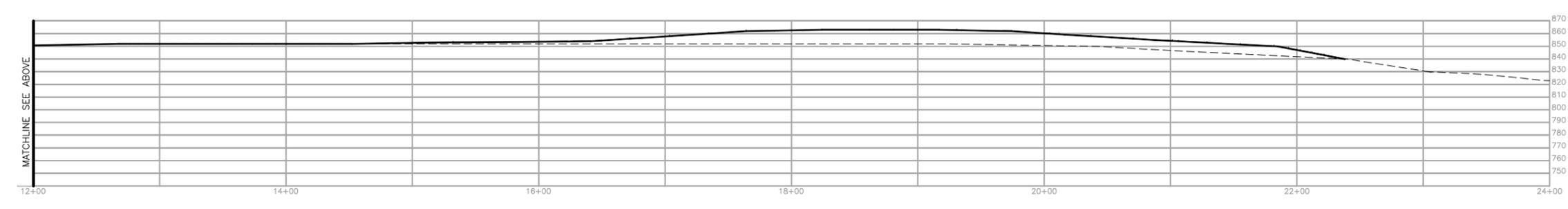
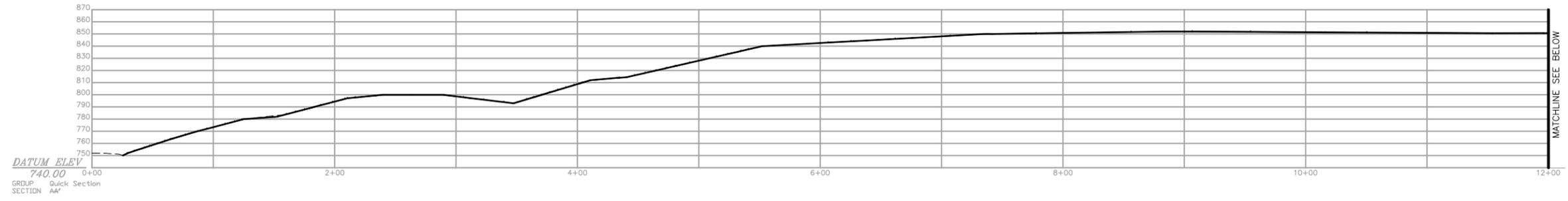
WINSTON-SALEM NORTH CAROLINA

PROPOSED FINAL GRADES

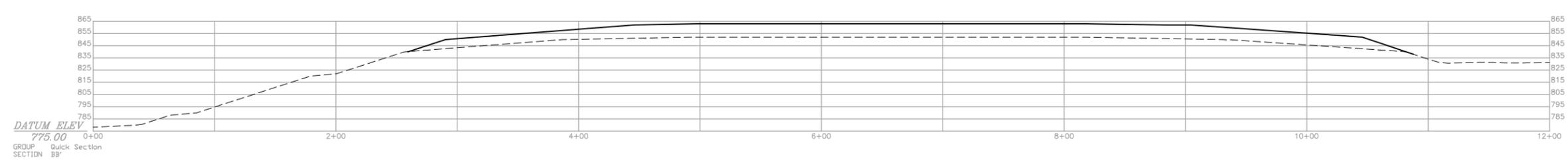
0 1" 2"

FILENAME OOC-03.dwg SHEET
SCALE 1" = 100' **OOC-03**

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SECTION A
HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=50'



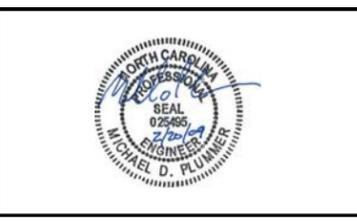
SECTION B
HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=50'

LEGEND
 - - - - - PREVIOUSLY PERMITTED CONTOUR
 _____ PROPOSED FINAL CONTOUR



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Old Salisbury Road Construction and Demolition Landfill Phase VI
 WINSTON-SALEM NORTH CAROLINA

CROSS SECTIONS

0 1" 2"

FILENAME 00C-04.dwg
 SCALE 1" = 50'

SHEET
00C-04