

August 22, 2023

Mr. Jon Altshul, Township Manager Westtown Township 1039 Wilmington Pike West Chester, PA 19382

RE: Stokes Estate Conditional Use Review, CEG Comment #3 Westtown Township WTT-21-228

Dear Mr. Altshul:

This letter is in response to Comment #3 of the June 30, 2023 Cedarville Engineering Group, LLC (CEG) review of the above referenced Plans by D.L. Howell and Associates, Inc.. Their comment is as follows:

3. Section 170-902.C.(2) – The site shall be suitable for development in the manner proposed without hazards to persons or property, on or off the site, from probability of flooding, erosion, subsidence or slipping of the soil, or other dangers, annoyances, or inconveniences. Condition of soil, groundwater level, drainage and topography shall be appropriate to both kind and pattern of use intended.

Section 170-402.D.(3).(f) - If the total of all area(s) of precautionary slopes on a lot exceed 25% of the total area of a lot, then no more than 50% of the precautionary slopes on that lot shall be disturbed, graded, or modified.

The applicant shall provide supporting information for the following lots, in tabular form, to demonstrate compliance with the above Ordinance criteria: Lot 16, Lot 22, Lot 27, Lot 65, Lot 71, Lot 72, Lot 73, Lot 74

Howell Response: It remains our position that Section 170-402.D.(3)(f) applies to existing natural resources, therefore it would be applied only to the overall lot. It does not apply to the post construction subdivision or the proposed individual lots. We have previously and continue to provide calculations on the cover sheet showing that the amount of precautionary slopes do not exceed 25% of the overall lot area.

However, if the Township Engineer's interpretation is assumed to be correct, our office has provided the enclosed plan providing a tabulation of lots that contain precautionary slopes. For the majority of affected lots, the amount of precautionary slopes already did not exceed 25% of the lot area, therefore Section 170-402.D.(3).(f) would not apply and no disturbance restrictions would be in place. However, there are a few proposed lots where more than 25% of the lot contained precautionary slopes and these lots included 71 through 73 on the previous plan. Our enclosed plan provides a new lot configuration in this area, where lot sizes have been reduced and one lot was relocated adjacent to the Briner lot. This change allows all lots within the development to contain less than 25% precautionary slopes, therefore

no disturbance restrictions pursuant to Section 170-402.D.(3).(f) would apply. It is important to note that this change has no effect on the amount of precautionary slopes proposed to be disturbed with this project, which is another reason why our position remains that this section applies to the overall existing not, not proposed lots.

I trust that the comment has been addressed adequately. Please confirm that the alternate lot configuration complies with CEG's interpretation of Section 170-402.D.(3).(f).

Please do not hesitate to contact me at 610-918-9002 with any questions.

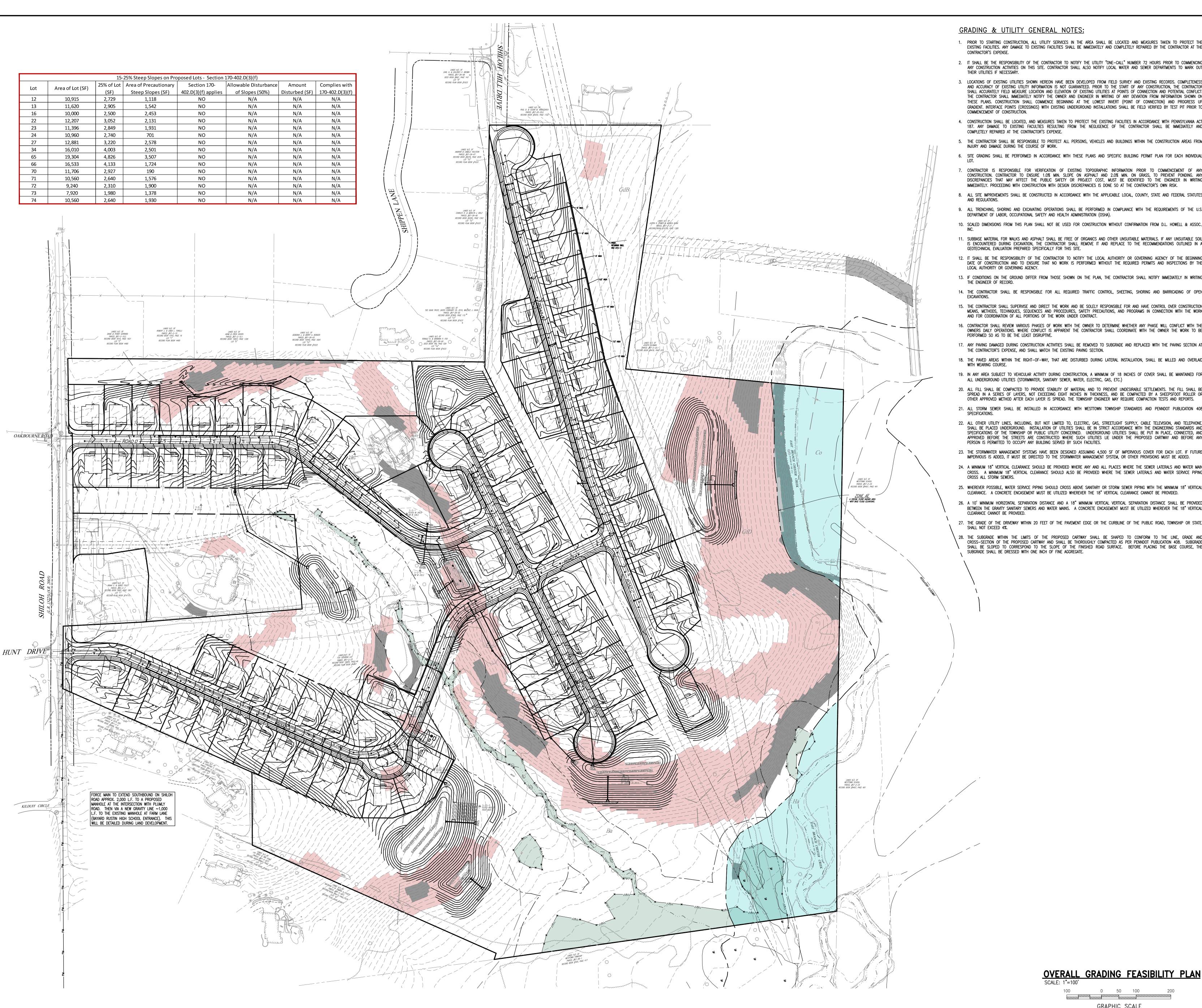
Sincerely, HOWELL ENGINEERING

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Denny L. Howell, PE President

David W. Gibbons, PE Senior Engineer

		15-	25% Steep Slopes on Pro	posed Lots - Section	170-402.D(3)(f)	
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72	9,240	2,310	1,900	NO	N/A	
73	7,920	1,980	1,378	NO	N/A	
74	10,560	2,640	1,930	NO	N/A	



#### SOILS LEGEND:

	SYMBOL	SOIL NAME
	Ba	EDGEMONT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES
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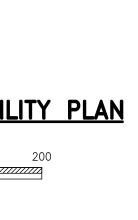
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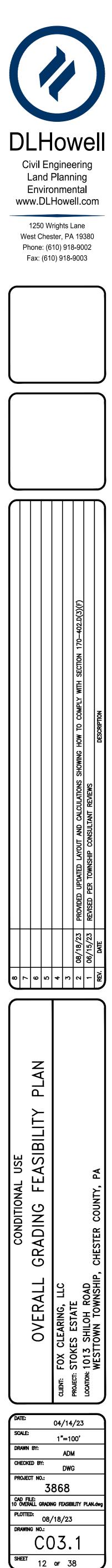
	ex. property line prop. property line
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•	PROP. IRON PIPE EX. EASEMENT
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x 123.00	NEW SPOT ELEV.
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	EX. CONC. CURB
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0=	EX. LIGHT POLE PROP. LIGHT POLE
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MB	EX. MAIL BOX EX. SIGN
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	EX. TELE. LINE PROP. TELE. LINE
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	15%-25% SLOPES
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WETLANDS

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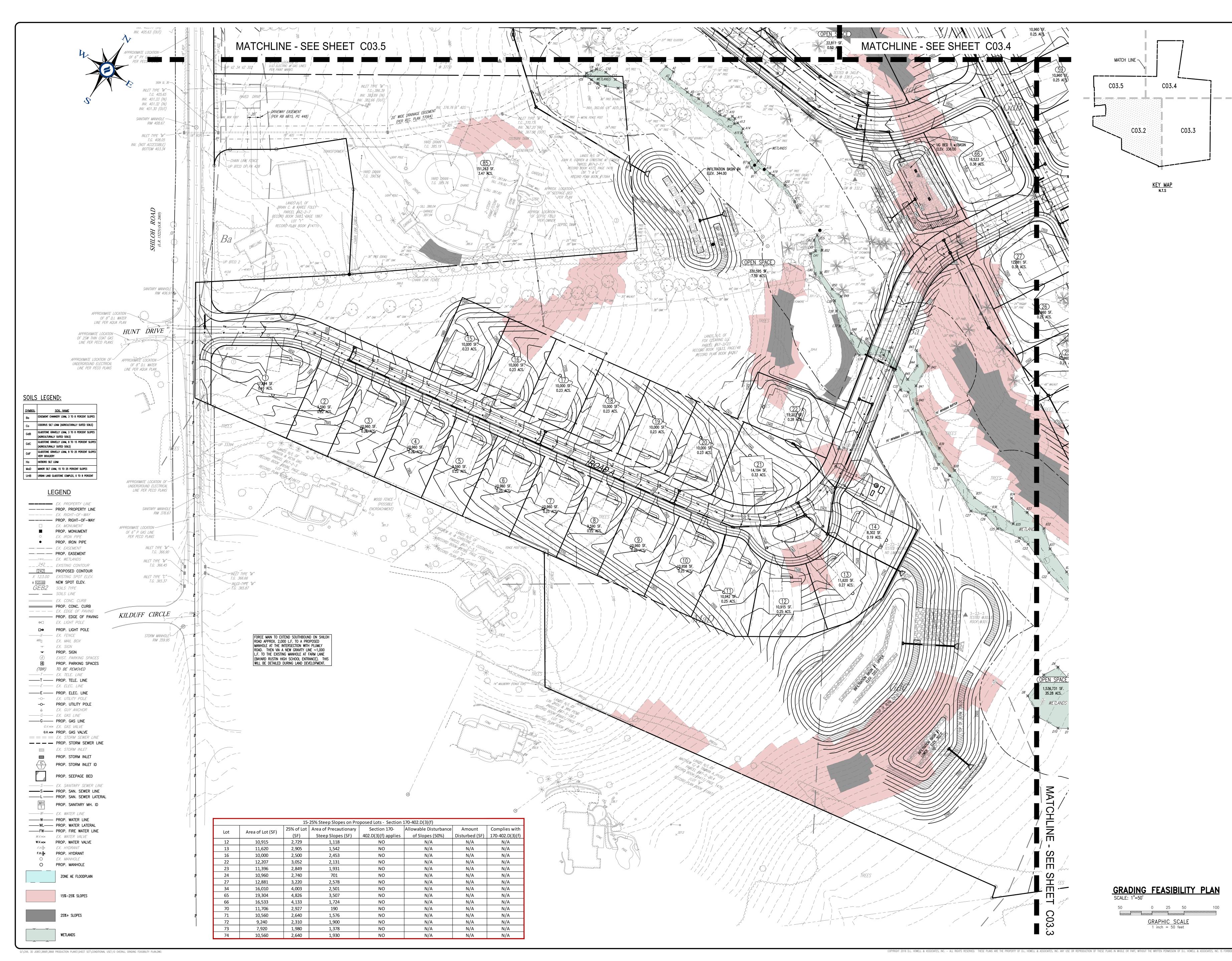
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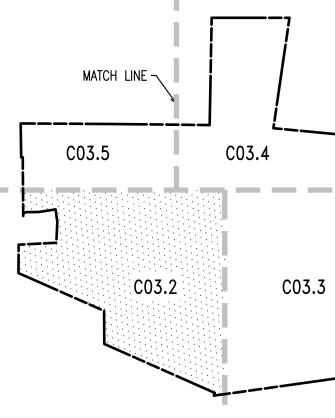




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 $<sup>\</sup>frac{\text{GRAPHIC SCALE}}{1 \text{ inch } = 100 \text{ feet}}$ COPYRIGHT 2016 D.L. HOWELL & ASSOCIATES, INC. - ALL RIGHTS RESERVED. THESE PLANS ARE THE PROPERTY OF D.L. HOWELL & ASSOCIATES, INC. ANY USE OR REPRODUCTION OF THESE PLANS IN WHOLE OR PART, WITHOUT THE WRITTEN PERMISSION OF D.L. HOWELL & ASSOCIATES, INC.

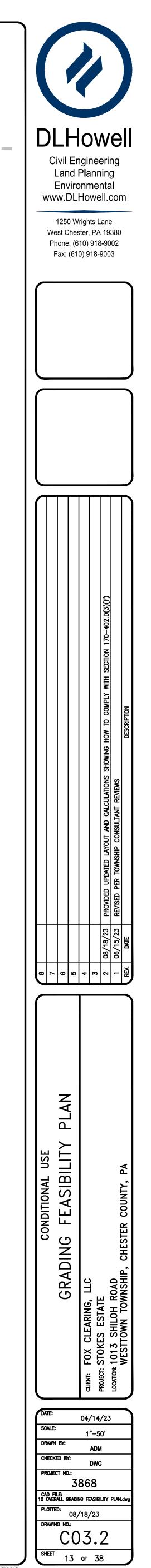




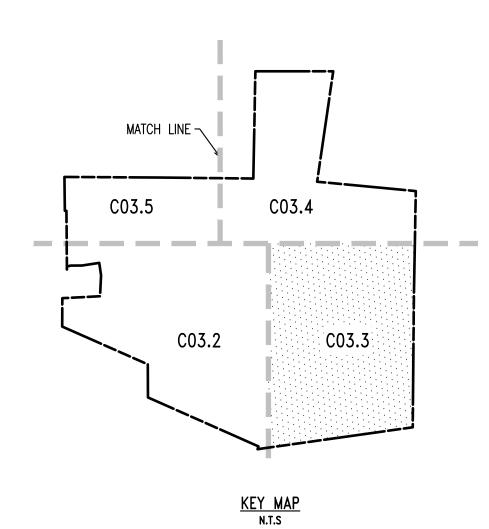
KEY MAP n.t.s

**GRADING FEASIBILITY PLAN** SCALE: 1"=50'

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100





	15-25% Steep Slopes on Proposed Lots - Section 170-402.D(3)(f)						
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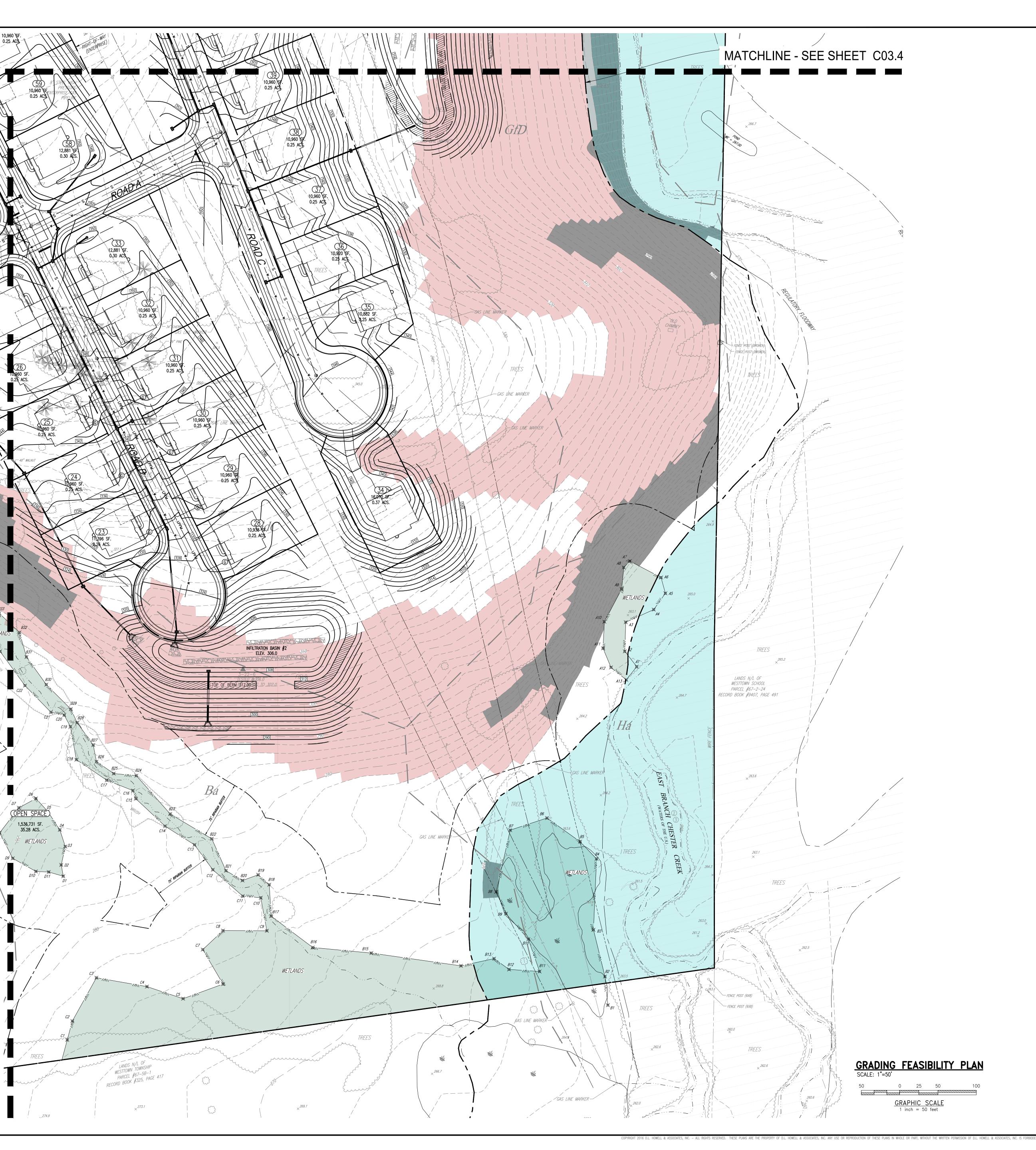
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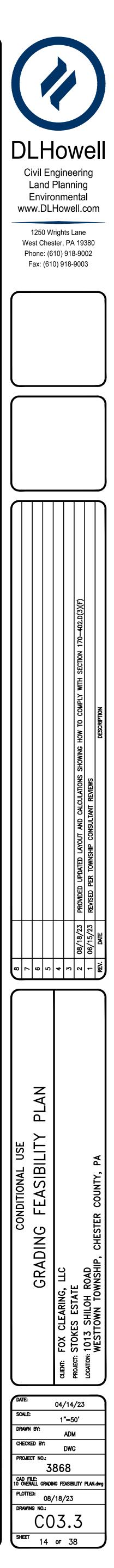
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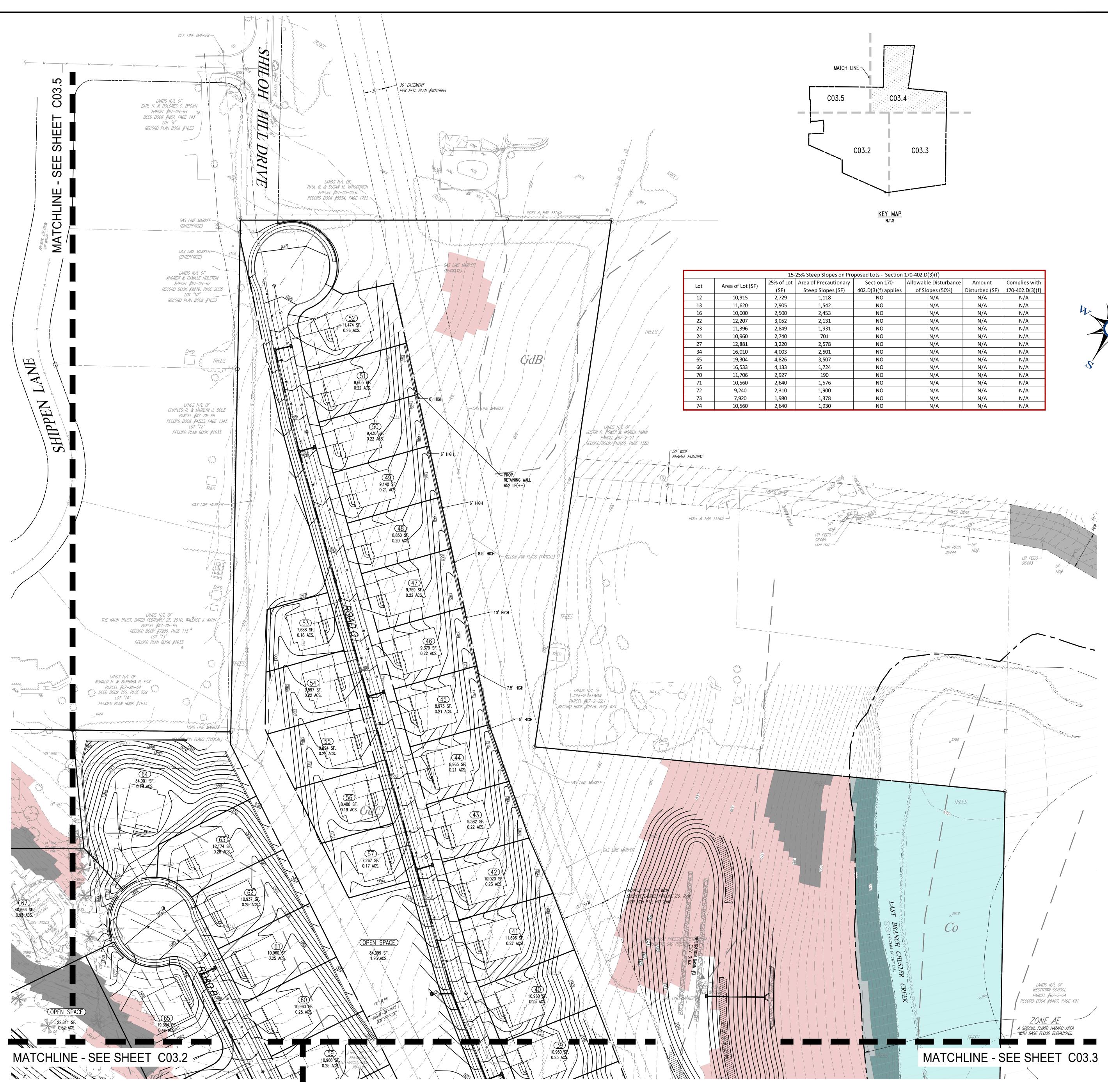
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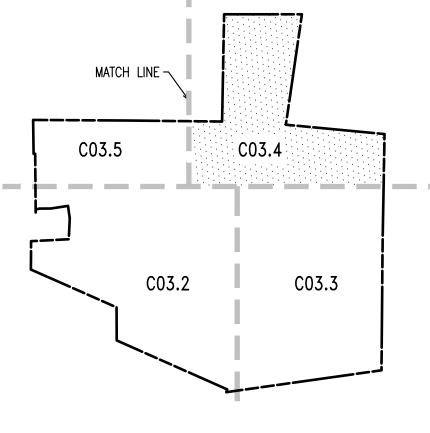
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WETLANDS

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# **GRADING FEASIBILITY PLAN** SCALE: 1"=50'

 
 50
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 25
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GRAPHIC SCALE 1 inch = 50 feet

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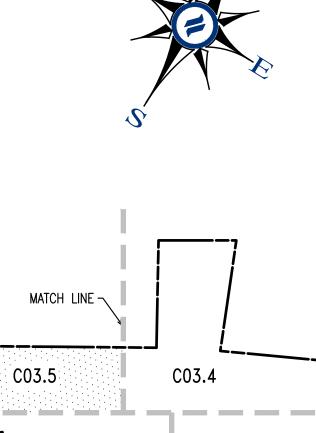
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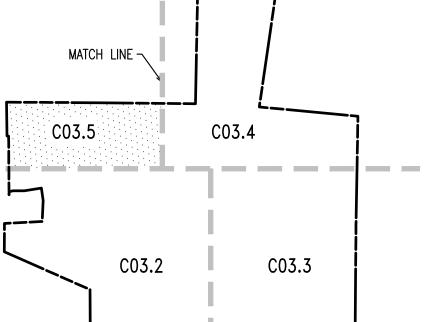
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KEY MAP n.t.s

# **GRADING FEASIBIL** SCALE: 1"=50'

0 25 50  $\frac{\text{GRAPHIC SCA}}{1 \text{ inch } = 50 \text{ feet}}$ 

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DLHOWEIL Civil Engineering Land Planning Environmental www.DLHowell.com								
						PROVIDED UPDATED LAYOUT AND CALCULATIONS SHOWING HOW TO COMPLY WITH SECTION 170-402.D(3)(F)	REVISED PER TOWNSHIP CONSULTANT REVIEWS	DESCRIPTION
						08/18/23	06/15/23	v. DATE
8	7	9	2	4	3	2	-	
CONDITIONAL USE GRADING FEASIBILITY PLAN			CLENT: FOX CLEARING, LLC PROJECT: STOKES ESTATE LOCATION: 1013 SHILOH ROAD WESTTOWN TOWNSHIP, CHESTER COUNTY, PA					
	DATE: 04/14/23 SCALE: 1*=50'							
DRAWN BY: ADM CHECKED BY: DWG PROJECT NO.:								
3868 CAD FILE: 10 OVERALL GRADING FEASIBILITY PLAN.dwg PLOTTED: 08/18/23 DRAWING NO.:								
DRAWING NO.: CO3.5 SHEET 16 OF 38								

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