

FOUNDATION OBSERVATIONS REPORT

Terracon

Report Number: 70211165.0006
Service Date: 09/24/21
Report Date: 09/29/21
Task: Soils-Utility Backfill Observations-Testing

2401 Brentwood Rd Ste 107
Raleigh, NC 27604-3686
919-873-2211 Reg No: F-0869

Client

Harnett County Schools
Attn: Steve Matthews
1008 S. 11th St
Lillington, NC 27546

Project

Johnsonville ES Phase 1
18495 NC Highway 27 West
Cameron, NC

Project Number: 70211165

Services Requested By: Harrold with Engineered Construction Company

Earthwork Contractor: East Coast Civil Group

Foundation Type: Strip Footing

Observed Location(s): Building Pad Footings

Subgrade Description: Tan Clayey Sand

Summary: The foundation subgrade appeared firm and stable. Based on our observations, the foundation subgrade preparation at the above-referenced locations appeared to be in general accordance with project specifications.

Services: Evaluate excavated foundation subgrades for minimum design bearing capacity.

Terracon Rep.: Michael Lewis

Reported To: Harrold at Engineered Construction Company

Contractor:

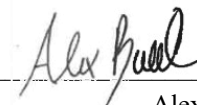
Report Distribution:

(1) Harnett County Schools, Steve
Matthews
(1) SFLA Architects, Jaclin Wawak

(1) LHC Structural Engineers, Inc., Ben
Mielke

Reviewed By:

rvw2: nas



Alex Bullard

Assistant Project Manager

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Footings appeared to have been excavated to their design bearing elevation. The exposed soils were tested using a Dynamic Cone Penetrometer. The Results are tabulated below:

Footing location(s)	Depth	DCP Value	Comments
See map for location	BOF	8,8,10	Tan Silty Sand
	-1'	12,10,8	Tan Silty Sand
	-2'	11,13,15	Tan Silty Sand
	-3'	15,15,15	Tan Silty Sand Suitable for 2,000 psf.
See map for location	BOF	8,10,10	Tan Silty Sand
	-1'	10,9,12	Tan Silty Sand
	-2'	10,12,12	Tan Silty Sand
	-3'	14,15,15	Tan Silty Sand Suitable for 2,000 psf.
See map for location	BOF	8,7,8	Tan Silty Sand
	-1'	10,10,10	Tan Silty Sand
	-2'	13,15,15	Tan Silty Sand
	-3'	15,15,15+	Tan Silty Sand Suitable for 2,000 psf.
See map for location	BOF	8,8,8	Tan Silty Sand
	-1'	11,13,13	Tan Silty Sand
	-2'	9,11,15	Tan Silty Sand
	-3'	15,15+ 15+	Tan Silty Sand Suitable for 2,000 psf.
See map for location	BOF	8,8,10	Tan Silty Sand
	-1'	12,10,8	Tan Silty Sand
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			Suitable for 2,000 psf.
See map for location	BOF	8,6,10	Tan Silty Sand
	-1'	12,10,12	Tan Silty Sand
	-2'	12,13,10	Tan Silty Sand
	-3'	15,15,15	Tan Silty Sand
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	-2'	11,13,15	Tan Silty Sand
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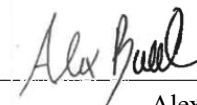
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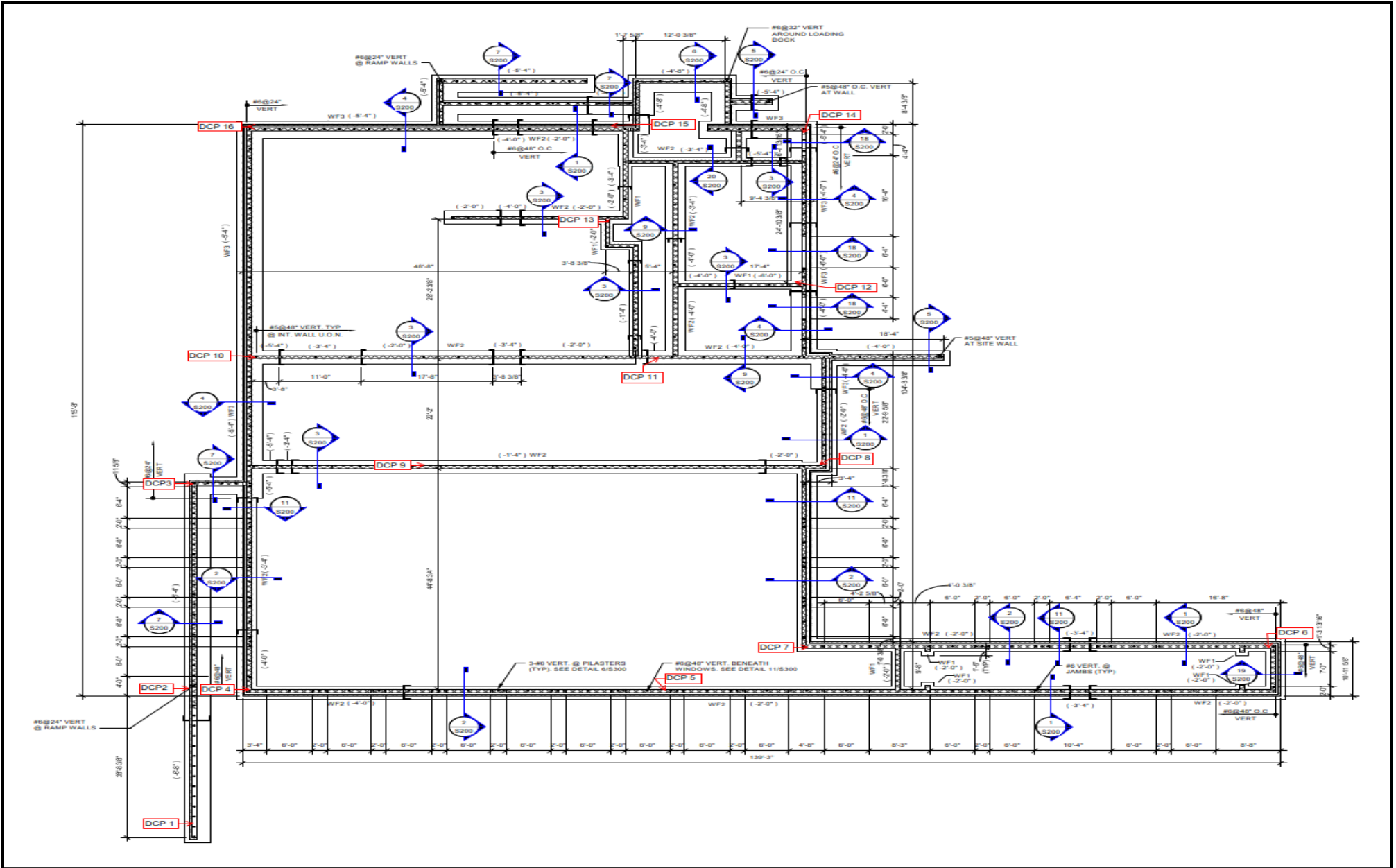
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Johnsonville ES Phase 1	Site Plan: S100	
	Report Number: 70211165.0006	
18495 NC Highway 27 West	Technician: Michael Lewis	2401 Brentwood Rd Ste 107
Cameron, NC	Date: 09/24/21	Raleigh, NC 27604-3686
	Scale: Not to Scale	919-873-2211 Reg No: F-0869

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Photo #1



Photo #2



Photo #3



Photo #4

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A handwritten signature in black ink, appearing to read "Alex Buehl". The signature is written in a cursive style with a vertical line to the left of the text.

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