

Wayne R. Dashield, PE
 421-B BRIGHT LEAF BLVD.
 Smithfield, NC 27577

11/1/2021

CONE PENETROMETER TEST RESULTS
 HARNETT COUNTY
 66 TRAIL RIDGE ERWIN, NC
 SOIL BEARING TESTS
 PERMIT # BRES2111-0021

TEST NO.	LOCATION	FOUNDATION TYPE	BELOW BOTTOM OF FOUNDATION	DIAL READING	CALCULATED BEARING LBS. / S.F.	Pass / Fail	Soil Type
1	SW CORNER	FOOTING	0.0	330	3119	Pass	SM
1A	SW CORNER	FOOTING	1.5	440	4136	Pass	SM
2	40' OFF SW CORNER	PIER	0.0	325	3072	Pass	SM
2A	40' OFF SW CORNER	PIER	1.5	460	4321	Pass	SM
3	5' OFF NW CORNER	2ND PIER LIN	0.0	310	2934	Pass	SM
3A	5' OFF NW CORNER	2ND PIER LIN	1.5	430	4044	Pass	SM
4	NW CORNER	PIER	0.0	325	3072	Pass	SM
4B	NW CORNER	PIER	1.5	452	4247	Pass	SM
5	3RD LINE AT S END	FOOTING	0.0	310	2934	Pass	SM
5B	3RD LINE AT S END	FOOTING	2.0	430	4044	Pass	SM
6	SE CORNER	FOOTING	0.0	340	3211	Pass	SM
6B	SE CORNER	FOOTING	1.5	570	5339	Pass	SM
7	NE CORNER	FOOTING	0.0	300	2841	Pass	SM
7B	NE CORNER	FOOTING	1.5	460	4321	Pass	SM

COMMENTS:

All cone penetrometer test were preformed on exterior footings and pier footings MINIMUM BEARING 2000 PSF

