

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

2/19/2024

CONE PENETROMETER TEST RESULTS

ATT. HARNETT COUNTY INSPECTIONS

593 CHEROKEE LANE LILLINGTON, NC

SOIL BEARING TESTS

PERMIT # *BRES 2406-0033*

TEST NO.	LOCATION	FOUNDATION TYPE	DEPTH IN FT. BELOW BOTTOM OF FOUNDATION	DIAL READING	CALCULATED BEARING LBS. / S.F.	Pass / Fail	Soil Type
1	FRONT RT CORNER	PIER	0.0	250	2379	Pass	SM
1A	FRONT RT CORNER	PIER	1.0	320	3026	Pass	SM
2	30' OFF FRT RT CORNER	PIER	0.0	400	3766	Pass	SM
2A	30' OFF FRT RT CORNER	PIER	1.5	320	3026	Pass	SM
3	58' OFF FRT RT CORNER	PIER	0.0	290	2749	Pass	SM
3A	58' OFF FRT RT CORNER	PIER	1.5	420	3951	Pass	SM
4	LT REAR CORNER	PIER	0.0	297	2813	Pass	SM
4A	LT REAR CORNER	PIER	2.0	468	4395	Pass	SM
5	20 OFF LT REAR CORNER	PIER	0.0	388	3655	Pass	SM
5A	20 OFF LT REAR CORNER	PIER	2.0	402	3785	Pass	SM
6	20' OFF REAR RT LFT	PIER	0.0	310	2934	Pass	SM
6A	20' OFF REAR RT LFT	PIER	1.0	335	3165	Pass	SM
7	RT REAR CORNER	PIER	0.0	354	3341	Pass	SM
7A	RT REAR CORNER	PIER	1.5	280	2656	Pass	SM
8	20' OFF REAR 2ND ROW	PIER	1.0	238	2268	Pass	SM
8A	20' OFF REAR 2ND ROW	PIER	1.5	371	3498	Pass	SM
9	32' OFF RT SIDE 3RD LINE	PIER	0.0	328	3100	Pass	SM
9A	32' OFF RT SIDE 3RD LINE	PIER	1.0	329	3109	Pass	SM

COMMENTS:

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

