

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

9/24/2024

CONE PENETROMETER TEST RESULTS

ATT. HARNETT COUNTY INSPECTIONS

161 BILLY MATTHEW'S LN LILLINGTON, NC

SOIL BEARING TESTS

PERMIT # BRES24050072

TEST NO.	LOCATION	FOUNDATION TYPE	DEPTH IN FT. BELOW BOTTOM OF FOUNDATION	DIAL READING	CALCULATED BEARING LBS. / S.F.	Pass / Fail	Soil Type
1	REAR RT CORNER	PIER	0.0	267	2536	Pass	SM
1A	REAR RT CORNER	PIER	1.0	377	3553	Pass	CL
2	25' OFF REAR RT CORNER	PIER	0.0	266	2527	Pass	SM
2A	25' OFF REAR RT CORNER	PIER	1.0	412	3877	Pass	CL
3	30' OFF REAR LF CORNER	PIER	0.0	266	2527	Pass	SM
3A	30' OFF REAR LF CORNER	PIER	1.0	327	3091	Pass	CL
4	LF REAR CORNER	PIER	0.0	290	2749	Pass	SM
4A	LF REAR CORNER	PIER	1.0	352	3322	Pass	CL
5	FRONT LF CORNER	PIER	0.0	280	2656	Pass	SM
5A	FRONT LF CORNER	PIER	1.0	321	3035	Pass	CL
6	20' OFF FRT LF CORNER	PIER	0.0	270	2564	Pass	SM
6A	20' OFF FRT LF CORNER	PIER	1.0	315	2980	Pass	CL
7	FRT RIGHT CORNER	PIER	0.0	280	2656	Pass	SM
7A	FRT RIGHT CORNER	PIER	1.0	306	2897	Pass	CL
8	20' OFF FRONT 2ND ROW	PIER	0.0	270	2564	Pass	SM
8A	20' OFF FRONT 2ND ROW	PIER	1.0	316	2989	Pass	SM
9	20' OFF REAR 1ST ROW	PIER	0.0	267	2536	Pass	SM
9A	20' OFF REAR 1ST ROW	PIER	1.0	381	3590	Pass	

COMMENTS:

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



W.R.D.
 09/24/24