

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

Permit #
BRES2410-0007

1/29/2025

CONE PENETROMETER TEST RESULTS
MOOR COUNTY INSPECTIONS

SOIL BEARING TESTS

TEST NO.	LOCATION	FOUNDATION TYPE	PERMIT #		DIAL BEARING / S.F.	CALCULATED Pass / Fail	Soil Type
			DEPTH IN FT.	BELOW BOTTOM OF FOUNDATION			
1	FRONT RT CORNER	PIER	0.0		270	2564	Pass SM
1A	FRONT RT CORNER	PIER	1.0		302	2860	Pass SM
2	0' OFF FRONT RT CORNER	PIER	0.0		280	2656	Pass SM
2A	0' OFF FRONT RT CORNER	PIER	1.0		314	2971	Pass SM
3	20' OFF FT LF CORNER	PIER	0.0		390	3674	Pass SM
3A	20' OFF FT LF CORNER	PIER	1.0		352	3322	Pass SM
4	12' OFF LF END	PIER	0.0		233	2221	Pass SM
4A	12' OFF LF END	PIER	1.0		252	2397	Pass SM
5	10' OFF LF REAR CORNER	PIER	0.0		314	2971	Pass SM
5A	22' OFF LF REAR CORNER	PIER	1.0		270	2564	Pass SM
6	22' OFF LF REAR CORNER	PIER	0.0		281	2665	Pass SM
6A	50 OFF LF REAR CORNER	PIER	1.5		270	2564	Pass SM
7	50 OFF LF REAR CORNER	PIER	0.0		320	3026	Pass SM
7A	60' OFF LF REAR CORNER	PIER	1.0		280	2656	Pass SM
8	100' OFF RT REAR CORNER	PIER	0.0		250	2379	Pass SM
8A	100' OFF RT REAR CORNER	PIER	1.0		292	2767	Pass SM
9	15' OFF LF REAR CORNER	PIER	0.0		310	2934	Pass SM
9A	15' OFF LF REAR CORNER	PIER	1.5		290	2749	Pass SM
10	C MARRAGE 25; OFF FT	PIER	0.0		255	2425	Pass SM
10A	C MARRAGE 25; OFF FT	PIER	1.5		366	3452	Pass SM
11	C MARRAGE 55; OFF FT	PIER	0.0		248	2360	Pass SM
11A	C MARRAGE 55; OFF FT	PIER	1.0				Pass SM

COMMENTS:

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

