1 BR units x 2.0 min sp/unit = 42
2 BR units x 2.25 min sp/unit = 164
1,500 sf Clubhouse @ 1 min sp/400 sf = 4
Minimum Total Spaces req'd. = 210
2 CAR GARAGES + 1 DRIVEWAY SPACE PROVIDED FOR EACH LOT + 11 PARKING SPACES FOR POOL
293 SPACES INCLUDING 1 H/C SPACE

LOTS – 195,563 S.F.
SIDEWALKS – 274,031 S.F.
OTHER/COMMON AREA – 11,200 S.F.
TOTAL – 480,794 S.F. (24%)

Open Space – (min. 40% req'd.)
45.99 ac. X 40% = 18.40 ac. req'd.
** 22.40 ac. (50.2%) Open Space prov'd. **
[Estimated area prov'd. is totel tract area minus ROW (6.89 ac.), 25' Perimeter (4.56 ac.) & Lots (12.14 ac.)]
Recreation Area – (max. 25% Open Space)
4.60 ac. Rec. Space req'd. = 2.30 ac.
Active Rec req'd. = 2.30 ac.
Active Rec Area req'd. = 2.30 ac.±
Active Rec Area prov'd = 2.30 ac.±
Passive Rec Area prov'd = 2.30 ac.±
** Total Rec Area prov'd. = 4.60 ac. **

Springwood Dr
Shady Oak Ln
Pine Laurel Dr
Shinnwood Rd
Fernwood Way
Wayfarer Trl
Ruxton Way
Little Palm Way
Kingston Rd
Oak View Ln
Greenville Loop Rd
SHINNWOOD ROAD

1928 1932 1936 1940 1944 1948 1952 5833
1937 1941 1945 1951 5907 5911 5915
1912 1908 1904 1909 1905 1901 1877
5838 5900 5904 5908 5912 5916 5920
2026 2022 2018 2014 2010 2002 2006
2019 2015 2011
6117 6113 6109 6105 6101 6027 6033 6039
6024 6028 6032 6036
6014 6018 6022
6007 6011 6015 6019 6023 6027 6031
6006 6010 6014 6104 6005
1904 1908 1911
6111 6115 6119 6123 6127 6131 6135
6106 6110 6116
2106 2110 2114 6134

WETLANDS "D" 2.26 ACRES
WETLANDS "E" 2.15 ACRES
WETLANDS "A" 3.44 ACRES
WETLANDS "B" 2.81 ACRES
WETLANDS "F" 0.54 ACRES
WETLANDS "G" 1.89 ACRES
WETLANDS "H" ACRES

LANDS END SUBDIVISION MAP BOOK 31, PAGE 17 LOT 5
LANDS END SUBDIVISION MAP BOOK 31, PAGE 17 LOT 4
LANDS END SUBDIVISION MAP BOOK 31, PAGE 17 LOT 3
LANDS END SUBDIVISION MAP BOOK 31, PAGE 17

GREENVILLE VILLAGE OF WILMINGTON DEED BOOK 5181, PAGE 266 MAP BOOK 5, PAGE 5
WILLIAM SMALL HEIRS DEED BOOK 9902, PAGE 2007 DEED BOOK 1837, PAGE 561
GRACE JAMES CORBETT DEED BOOK 1659, PAGE 083
GRACE J. CORBETT DEED BOOK 3057, PAGE 713
EVELYN GRISSETT SMALL DEED BOOK 4287, PAGE 775
DANIEL RODERICK DEED BOOK 3514, PAGE 2572
ETHEL ROBINSON

Type "H" Residential Street Section (SD 1-01)
City of Wilmington
NTS
Shinnwood Road
Forest Trail Station 14+35 to 27+65.25
Forest Trail Station 10+00 to 14+35 Cross Slope is reversed
Oak View Lane, Fernwood Way, Springwood Drive & Shady Oak Lane
Cross Slope is Reversed
Pine Laurel Drive
Little Palm Way Station 10+00 to 11+06.62
Little Palm Way Station 13+00 to 14+95.85 Cross Slope is Reversed

ROAD	SUPERELEVATION TRANSITION		RUNOFF LENGTH	ELEVATION CHANGE	RATE OF CHANGE	MIN RUNOFF LEN
FOREST TRAIL	STARTING STATION	ENDING STATION				
LITTLE PALM WAY	11+60	14+35	275'	4.00%	0.01455%	
	11+06.62	13+00	193.38'	4.00%	0.02068%	

* MINIMUM LENGTH OF SUPERELEVATION RUNOFF: FOREST TRAIL
Design Speed=30MPH
Lr=((w*n1)ed/Δ)*bw [Equation 3-25] All equations taken from Lr=
"A Policy on Geometric Design of Highways and Streets 2004"
Lr=minimum length of superelevation
w=width of traffic lanes, ft;
n1=number of lanes rotated
ed=design superelevation
Δ=maximum
bw=adj

Scale 1" = 100'
Date March 2013
Job No. 2012-0008