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FLOOD PROTECTION ELEVATION TABLE

LOT #	FFE	LOT #	FFE
1	644.4	8	625.6
2	641.5	9	621.4
3	638.0	10	620.7
4	633.6	11	620.3
5	629.9	12	612.2
6	625.6	13	615.4
7	627.6		

*** NOTE**
 AREAS, OR PORTIONS THEREOF, INDICATED BY "*" ARE PROPOSED TO BE RECONFIGURED WITH THE ADJOINING OUTPARCELS IN ORDER TO PROVIDE FRONTAGE FOR THE OUTPARCEL LOTS ONTO BALES LANE, IN ACCORDANCE WITH MINT HILL ZONING REQUIREMENTS.

SWIM BUFFER LEGEND

- (A) 30' STREAM SIDE ZONE (AREA GREATER THAN 640 ACS.)
- (B) 45' MANAGED USE ZONE (AREA GREATER THAN 640 ACS.)
- (C) UPLAND ZONE - BALANCE OF FLOODWAY FRINGE OR 25' MINIMUM (AREA GREATER THAN 640 ACS.)
- (D) 20' STREAM SIDE ZONE (AREA GREATER THAN 100 ACS.)
- (E) 15' UPLAND ZONE (AREA GREATER THAN 100 ACS.)

SWIM BUFFER NOTES

1. THE STREAM-SIDE ZONE OF THE BUFFER MUST BE LEFT COMPLETELY UNDISTURBED. IN THE MANAGED USE ZONE, A LIMITED NUMBER OF TREES CAN BE REMOVED PROVIDED THAT THE TREE DENSITY REMAINING IS A MINIMUM OF 8 HEALTHY TREES OF A MINIMUM 6 INCH CALIPER PER 1000 SF. REMOVAL OF EXISTING VEGETATION MUST BE PERFORMED IN SUCH A MANNER AS TO PREVENT DAMAGE TO THE ROOTS OF REMAINING TREES. NO FILL MATERIAL CAN BE BROUGHT INTO ANY OF THE BUFFER ZONES.
2. GRADING AND OTHER LAND DISTURBING ACTIVITIES ARE ALLOWED ONLY IN THE UPLAND ZONE. HOWEVER, THESE ACTIVITIES MUST BE PERFORMED IN SUCH A MANNER AS TO PREVENT DAMAGE TO THE ROOTS OF REMAINING TREES. GRASS OR OTHER SUITABLE GROUND COVER CAN BE APPLIED TO THE UPLAND ZONE.
3. THE OUTSIDE BUFFER BOUNDARY MUST BE CLEARLY MARKED BY ORANGE FABRIC FENCING PRIOR TO ANY LAND DISTURBING ACTIVITIES AT THE SITE. THIS FENCING MUST BE CALLED OUT ON THE PLANS.
4. PLANS CLEARLY INDICATE THAT NO FILL MATERIAL IS TO BE BROUGHT INTO THE BUFFER AND THAT NO STRUCTURES ARE ALLOWED WITHIN ANY OF THE BUFFER AREAS (EXCEPT NON-COMMERCIAL OUTBUILDINGS NOT EXCEEDING 150 SQUARE FEET).

PRELIMINARY SUBDIVISION
 PLAN APPROVAL
 BY THE MOUNTAIN PLANNING BOARD
 ON 8/11/05
 FOR THE
 PLANNING / ZONING COORDINATOR

Water Leaf
 Mint
 139-451-04

Street Address Assigned by Mecklenburg County
 LULUSA - Land Records/Addressing
 Assigned by: JSC Date: 3/27/06
 Verified by: GPD Date: 3/30/06

CENTERLINE CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	BEARING	CHORD	DELTA
C1	150.00	146.03	79.36	S 37°25'50" E	140.33	55°46'42"
C2	200.00	182.95	98.46	N 39°06'34" W	176.67	52°25'15"
C3	400.00	346.41	201.05	S 25°24'30" E	342.44	25°11'08"
C4	300.00	191.77	91.29	N 19°46'19" W	185.52	36°33'31"
C5	300.00	191.89	91.35	S 19°46'59" E	185.63	36°39'52"
C6	2000.00	63.46	31.73	S 39°00'59" E	63.46	1°49'05"
C7	1250.00	59.77	29.89	N 53°17'08" E	59.77	2°44'23"

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PRELIMINARY SUBDIVISION SITE PLAN
Water Leaf Subdivision
 GRACE DEVELOPMENT, LLC
 7714 MATTHEWS - MINT HILL ROAD, CHARLOTTE, NC 28227

Revisions: REVISIONS PER SITE VISITS
 #1 - 10/20/05 REVISED PER FIELD COMMENTS
 #2 - 11/02/05 REVISED PER FIELD COMMENTS
 #3 - 11/02/05 REVISED PER FIELD COMMENTS

Job No. 20413
 Date 1/5/05
 Proj. Mgr. WMH
 Drawn HEM/WMH



Scale: 1" = 100'

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