8 MORRIS LIMITED FAMILY LP.

R/W TAKE - PAR 8 / SV14 REQ'D R/W DE10008

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10468	90.00 R	2024+82.36	GRANGE ROAD
	51.58	N 12°18'43.4" W	
118	38.43 R	2024+82.83	GRANGE ROAD
	930.43	N 77°36'31.1" E	
273	60.40 R	2034+13.63	GRANGE ROAD
	9.83	S 25°07'53.1" E	
DE10467	70.00 R	2034+15.76	GRANGE ROAD
	197.88	S 77°20'38.2" W	
DE10469	70.00 R	2032+17.88	GRANGE ROAD

ARC LENGTH = 326.89
CHORD BEAR = S 76°09'46.8" W
LNTH CHORD = 326.87
RADIUS = 7930.00
DEGREE = 0°43'21.1"

DE10470	70.00 R	2028+88.10	GRANGE ROAD
	100.00	S 74°58'55.5" W	
DE10471	70.00 R	2027+88.10	GRANGE ROAD

ARC LENGTH = 189.75
CHORD BEAR = S 75°39'20.3" W
LNTH CHORD = 189.74
RADIUS = 8070.00
DEGREE = 0°42'35.9"

DE10472	70.00 R	2026+00.00	GRANGE ROAD
	120.48	S 67°11'43.7" W	
DE10468	90.00 R	2024+82.4	GRANGE ROAD

REQD R/W = 18420.013 SF
REQD R/W = 0.423 ACRES
REMAINDER = +/- 22 ACRES

TESMT - PAR 8 / SV14 EASM'T. FOR REMOVAL OF ENCROACHMENT DE10008D

PNT	OFFSET/	STATION/	ALIGNMENT
DE10468	90.00 R	2024+82.36	GRANGE ROAD
DE10472	70.00 R	2026+00.00	GRANGE ROAD

ARC LENGTH = 136.18
CHORD BEAR = N 75°50'44.9" E
LNTH CHORD = 136.18
RADIUS = 8070.00
DEGREE = 0°42'35.9"

DE10473	70.00 R	2027+35.00	GRANGE ROAD
DE10474	85.00 R	2027+35.00	GRANGE ROAD
DE10499	85.00 R	2027+65.00	GRANGE ROAD
DE10498	140.00 R	2027+65.00	GRANGE ROAD
DE10491	125.00 R	2026+85.00	GRANGE ROAD

ARC LENGTH = 206.12
CHORD BEAR = S 76°26'50.0" W
LNTH CHORD = 206.11
RADIUS = 8125.00
DEGREE = 0°42'18.6"

DE10493	125.00 R	2024+82.05	GRANGE ROAD
DE10468	90.00 R	2024+82.36	GRANGE ROAD

REQD EASMT AREA = 14720.391 SF

DWESMT AREA A - PAR 8 / SV14 EASM'T. FOR CONSTRUCTION OF DRIVE DE10008A

PNT	OFFSET/	STATION/	ALIGNMENT
DE10473	70.00 R	2027+35.00	GRANGE ROAD

ARC LENGTH = 53.56
CHORD BEAR = N 75°10'20.0" E
LNTH CHORD = 53.56
RADIUS = 8070.00
DEGREE = 0°42'35.9"

DE10471	70.00 R	2027+88.10	GRANGE ROAD
DE10476	70.00 R	2028+10.00	GRANGE ROAD
DE10475	85.00 R	2028+10.00	GRANGE ROAD
DE10474	85.00 R	2027+35.00	GRANGE ROAD
DE10473	70.00 R	2027+35.00	GRANGE ROAD

REQD L/A - PAR 8 / SV14 REQ'D LIMITED ACCESS DE10008LA

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
4669	1021.14 R	2024+74.92	GRANGE ROAD
	931.18	N 12°18'43.4" W	
DE10468	90.00 R	2024+82.36	GRANGE ROAD
	120.48	N 67°11'43.7" E	
DE10472	70.00 R	2026+00.00	GRANGE ROAD

ARC LENGTH = 121.48
CHORD BEAR = N 75°53'52.7" E
LNTH CHORD = 121.48
RADIUS = 8070.00
DEGREE = 0°42'35.9"

DE10477	70.00 R	2027+20.43	GRANGE ROAD

REQD LIMITED ACCESS = 1173.15 LF

9 J. STAFFORD ENTERPRISES, LP & THE THREE OF US LLC

R/W TAKE - PAR 9 / SV19 REQ'D R/W DE10009

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
132	38.19 R	2014+48.90	GRANGE RD
	103.55	N 77°36'31.1" E	
128	36.51 R	2015+52.03	GRANGE RD
	29.49	S 12°47'39.9" E	
DE10707	66.00 R	2015+52.53	GRANGE RD

ARC LENGTH = 88.71
CHORD BEAR = S 78°29'23.8" W
LNTH CHORD = 88.70
RADIUS = 8066.00
DEGREE = 0°42'37.2"

DE10705	66.00 R	2014+64.55	GRANGE RD
	14.92	S 78°48'17.9" W	
DE10708	66.00 R	2014+49.63	GRANGE RD
	21.45	N 12°48'28.9" W	
131	44.56 R	2014+49.03	GRANGE RD
	6.37	N 12°18'53.1" W	
132	38.19 R	2014+48.9	GRANGE RD

REQD R/W = 2979.214 SF
REQD R/W = 0.068 ACRES
REMAINDER = +/- 2.3 ACRES

DWESMT - PAR 9 / SV19 REQ'D DRWY. EASM'T. DE10009A

PNT	OFFSET/	STATION/	ALIGNMENT
DE10711	66.00 R	2015+20.00	GRANGE RD
DE10707	66.00 R	2015+52.53	GRANGE RD
DE10490	83.00 R	2015+52.81	GRANGE RD
DE10261	85.00 R	2015+20.00	GRANGE RD
DE10711	66.00 R	2015+20.00	GRANGE RD

10 J. STAFFORD ENTERPRISES, LP & THE THREE OF US LLC

R/W TAKE - PAR 10 / SV18 REQ'D R/W DE10010

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
128	36.51 R	2015+52.03	GRANGE RD
	104.98	N 77°36'31.1" E	
125	36.15 R	2016+56.55	GRANGE RD
	29.85	S 12°18'53.1" E	
DE10709	66.00 R	2016+56.44	GRANGE RD
	3.84	S 77°27'29.4" W	
DE10706	66.00 R	2016+52.60	GRANGE RD

ARC LENGTH = 100.90
CHORD BEAR = S 77°48'59.5" W
LNTH CHORD = 100.90
RADIUS = 8066.00
DEGREE = 0°42'37.2"

DE10707	66.00 R	2015+52.53	GRANGE RD
	29.49	N 12°47'39.9" W	
128	36.51 R	2015+52.0	GRANGE RD

REQD R/W = 3122.748 SF
REQD R/W = 0.072 ACRES
REMAINDER = +/- 2.2 ACRES

DWESMT - PAR 10 / SV18 REQ'D DRWY. EASM'T. DE10010A

PNT	OFFSET/	STATION/	ALIGNMENT
DE10707	66.00 R	2015+52.53	GRANGE RD
DE10712	66.00 R	2015+90.00	GRANGE RD
DE10258	81.00 R	2015+90.00	GRANGE RD
DE10490	83.00 R	2015+52.81	GRANGE RD
DE10707	66.00 R	2015+52.53	GRANGE RD

REQD L/A - PAR 10 / SV18 REQ'D LIMITED ACCESS DE10010LA

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10710	66.00 R	2016+12.17	GRANGE RD

ARC LENGTH = 40.76
CHORD BEAR = N 77°36'10.6" E
LNTH CHORD = 40.76
RADIUS = 8066.00
DEGREE = 0°42'37.2"

DE10706	66.00 R	2016+52.60	GRANGE RD
	3.84	N 77°27'29.4" E	
DE10709	66.00 R	2016+56.44	GRANGE RD
	24.00	S 12°18'53.1" E	
DE10452	90.00 R	2016+56.3	GRANGE RD

REQD LIMITED ACCESS = 68.60 LF

11 IRONWORKERS APPRENTICESHIP LOC

R/W TAKE - PAR 11 / SV17 REQ'D R/W DE10011

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
122	36.74 R	2018+78.85	GRANGE ROAD
	53.26	S 12°19'51.9" E	
DE10451	90.00 R	2018+78.66	GRANGE ROAD
	222.32	S 77°27'29.4" W	
DE10452	90.00 R	2016+56.34	GRANGE ROAD
	53.85	N 12°18'53.1" W	
125	36.15 R	2016+56.55	GRANGE ROAD
	222.30	N 77°36'31.1" E	
122	36.74 R	2018+78.9	GRANGE ROAD

REQD R/W = 11905.822 SF
REQD R/W = 0.273 ACRES
REMAINDER = +/- 4.7 ACRES

TESMT - PAR 11 / SV17 EASM'T. FOR REMOVAL OF ENCROACHMENT DE10011A

PNT	OFFSET/	STATION/	ALIGNMENT
DE10486	90.00 R	2017+00.00	GRANGE ROAD
DE10487	90.00 R	2018+30.00	GRANGE ROAD
DE10488	200.00 R	2018+30.00	GRANGE ROAD
DE10489	200.00 R	2017+00.00	GRANGE ROAD
DE10486	90.00 R	2017+00.00	GRANGE ROAD

REQD EASMT AREA = 14300.000 SF

REQD L/A - PAR 11 / SV17 REQ'D LIMITED ACCESS DE10011LA

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10452	90.00 R	2016+56.34	GRANGE ROAD
	222.32	N 77°27'29.4" E	
DE10451	90.00 R	2018+78.7	GRANGE ROAD

REQD LIMITED ACCESS = 222.32 LF

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

THE LPA GROUP
TRANSPORTATION CONSULTANTS
A UNIT OF MICHAEL BAKER CORPORATION
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9115

DATE	REVISIONS	DATE	REVISIONS
7-03-2012	REVISED REQ'D R/W FOR PARCELS 8-11	7-27-2012	ADDED DRIVEWAY EASM'T FOR PARCELS 9 & 10
7-03-2012	ADDED EASEMENT FOR REMOVAL OF ENCROACHMENT TO PARCEL 8	10-25-2012	REVISED ROAD NAMES ON DATA TABLES
7-03-2012	REMOVED DRIVEWAY EASM'T FROM PARCELS 9 & 10	1-18-2013	REVISED REQ'D RW AND DW EASM'T FOR PARCELS 9 & 10
7-03-2012	REVISED LIMITED ACCESS ON PARCELS 8, 10 & 11		REVISED LIMITED ACCESS FOR PARCEL 10
7-03-2012	ADDED EASEMENT FOR REMOVAL OF ENCROACHMENT TO PARCEL 11		
7-03-2012	REVISED DRIVEWAY EASM'T FOR PARCEL 8		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO: CSMSL-0008-00(690)
COUNTY: CHATHAM
LAND LOT NO:
LAND DISTRICT:
GMD 8
DATE 5/1/2012 SH 23 OF 30