

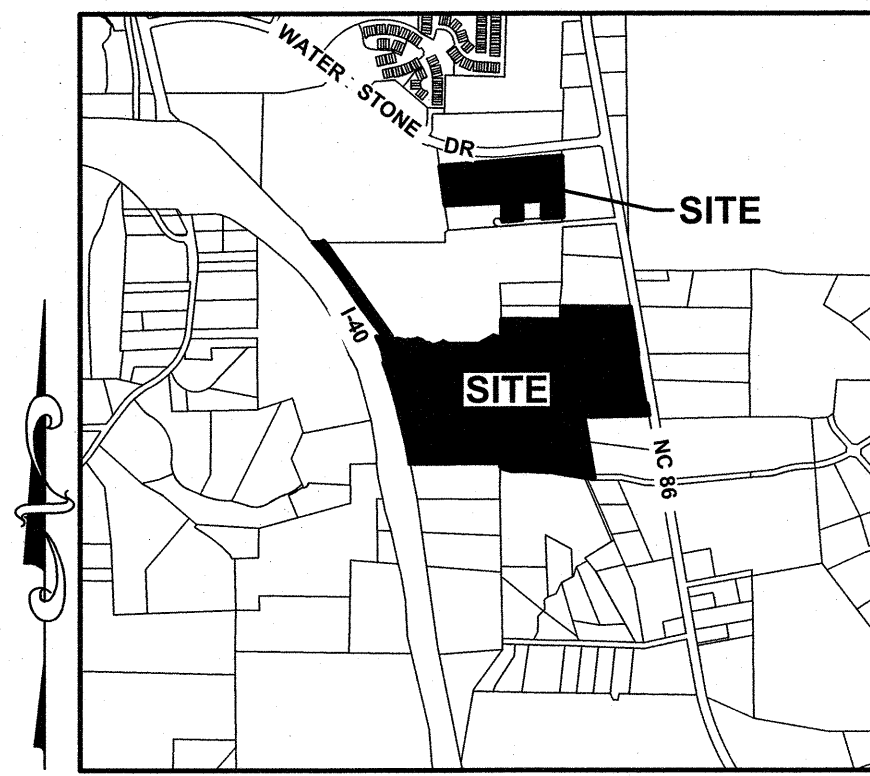
Item 5A
Attachment 3

CURVE TABLE					
NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD DIST.
C1	008°37'17"	3952.94'	594.80'	N16°38'15"W	594.24'
C2	001°52'34"	3994.72'	130.80'	N24°03'34"W	130.79'
C3	010°45'26"	3984.72'	748.12'	N36°44'37"W	747.03'

LINE TABLE		
LINE	DISTANCE	BEARING
L1	118.52'	S09°40'00"E
L2	222.63'	N87°17'53"W
L3	199.58'	N89°46'53"W
L4	121.53'	N73°28'04"W
L5	36.71'	N00°28'17"E
L6	185.45'	N10°05'55"W
L7	15.10'	N70°03'27"E
L8	154.12'	N12°43'48"W
L9	19.81'	N51°53'36"E
L10	14.85'	N65°44'56"E
L11	10.37'	N87°59'35"E
L12	13.55'	S21°18'06"E
L13	14.94'	S10°49'00"E
L14	16.24'	S60°12'19"E
L15	5.02'	N83°11'17"E
L16	6.91'	N09°42'11"W
L17	53.01'	N24°51'58"W
L18	329.50'	N37°12'08"W

LINE TABLE		
LINE	DISTANCE	BEARING
L19	104.78'	N36°05'34"W
L20	106.08'	S89°58'08"E
L21	15.47'	S79°54'09"E
L22	27.59'	S87°24'39"E
L23	22.76'	N78°38'06"E
L24	19.35'	N84°18'24"E
L25	70.41'	S72°25'59"E
L26	13.58'	N69°27'22"E
L27	16.05'	N55°59'25"E
L28	11.36'	S64°00'12"E
L29	28.61'	S80°43'27"E
L30	7.81'	N58°34'08"E
L31	27.81'	N82°04'36"E
L32	31.39'	N69°02'05"E
L33	57.04'	S70°48'35"E
L34	45.06'	S49°54'40"E
L35	41.22'	S89°28'32"E
L36	36.86'	S48°46'48"E

LINE TABLE		
LINE	DISTANCE	BEARING
L37	44.59'	N77°03'15"E
L38	42.52'	N69°17'26"E
L39	31.88'	N48°34'08"E
L40	73.07'	S63°48'18"E
L41	302.17'	N90°00'00"E
L42	184.24'	N61°54'05"E
L43	86.76'	S71°37'17"E
L44	174.79'	N00°16'18"E
L45	138.91'	N01°11'36"E
L46	217.33'	S85°58'04"W
L47	186.96'	N01°09'34"W
L48	210.98'	S87°21'19"W
L49	192.08'	S01°09'57"E
L50	205.70'	S85°58'04"W
L51	197.87'	N01°14'22"W



FLOOD NOTE

By graphic plotting only this property is located in Zone "X" (Areas determined to be outside of the 500-year flood plain) by the Federal Emergency Agency on Flood Insurance Rate Map, Community Panel No. 3710987300, with an effective date of February 2, 2007, in Orange County, North Carolina, and Community Panel No. 3710987200, with an effective date of November 17, 2017, in Orange County, North Carolina. No field surveying was performed to determine this zone and an elevation certificate may be needed to verify this determination or apply for a variance from the Federal Emergency Management Agency.

NOTES

- Areas calculated by coordinate geometry.
- All distances are horizontal ground distances.
- Basis of Bearing NC GRID 1983 (2011 Adjustment) Horizontal Datum.
- No published horizontal control monuments found within 2000 feet of site.
- Boundary information shown hereon was prepared from an actual field survey and from existing records as referenced hereon.
- These Parcels may be subject to easements or rights of others that have not been disclosed on this plat.
- All above ground and subsurface improvements are not necessarily shown hereon.
- Coordinates shown on this plat were derived by Real Time Network (RTN) Global Positioning System (GPS). This results in NAD 1983, 2011 Adjustment (CORS 96) and North American Vertical Datum of 1988 (NAVD 88) elevations using the continually operating reference stations (CORS) maintained by the North Carolina Geodetic Survey, Class A Survey, 0.033 feet positional accuracy, VRS Field Procedure, Geoid 12A.

SURVEY CERTIFICATION

I, James D. Whitacre, a surveyor licensed under the provisions of Chapter 89C of the North Carolina General Statutes, do hereby certify that this Plat was drawn under my supervision from an actual survey made under my supervision from references as noted on said plat. That the ratio of precision as calculated from coordinates is 1/10,000, that the boundaries not surveyed are shown as broken lines plotted from cited references, and that this plat was prepared in accordance with G.S. 47-30 f(1)(c) as amended.

I further certify that this survey is of another category, such as the recombination of existing parcels, a court-ordered survey, or other exception to the definition of subdivision.

Witness my hand and official seal this 2nd day of July, 2024.

Professional Surveyor L-5273

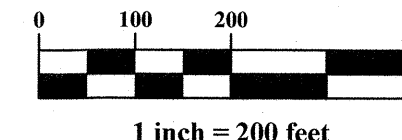
REFERENCES:

- D.B. 1852, Pg. 0224
- D.B. 0183, Pg. 0011
- D.B. 6540, Pg. 0001
- D.B. 6653, Pg. 1382
- D.B. 6718, Pg. 1700
- D.B. 6728, Pg. 0231
- D.B. 6728, Pg. 0908
- D.B. 6812, Pg. 0098
- D.B. 6820, Pg. 0513
- D.B. 6822, Pg. 2314
- P.B. 0056, Pg. 0011
- P.B. 0122, Pg. 0071
- P.B. 0126, Pg. 0049

LEGEND

- Iron Pin Found
- Calculated Point
- Iron Pin Set
- PK Nail Found
- Concrete Monument
- Existing Property Line
- Existing Town Limit
- New Town Limit

GRAPHIC SCALE



NC GRID NAD 83
(2011 ADJ.)

CONTIGUOUS ANNEXATION MAP
FOR
TOWN OF HILLSBOROUGH

HILLSBOROUGH TOWNSHIP - CHAPEL HILL TOWNSHIP
ORANGE COUNTY, NORTH CAROLINA

PLAN PREPARED BY:
51 Kilmayne Drive
Suite 102
Cary, North Carolina 27511
Ph 919.481.6290
Fax 919.336.5127
Firm License # C-2798

ADVANCED
CIVIL DESIGN
ENGINEERS & SURVEYORS

DATE: 07/03/2024 SHEET 1 / 1