

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	163.67'	5393.06'	1°44'19"	S 12°16'45" W	163.66'
C2	74.53'	2288.05'	1°51'59"	S 12°35'56" W	74.53'
C3	76.00'	2288.05'	1°53'42"	N 12°34'44" E	76.00'
C4	342.93'	2288.05'	8°34'39"	S 07°22'17" W	342.21'
C5	356.49'	2298.05'	9°53'08"	N 06°41'19" E	356.00'

- PAINT MARKS ON CONCRETE STEP**
- IPS 2 1/2" IRON PIPE FLUSH
 - ECM 3 CONCRETE R/W MONUMENT 10" ABOVE GROUND
 - ECM 4 CONCRETE R/W MONUMENT 10" ABOVE GROUND
 - ECM 5 CONCRETE R/W MONUMENT FLUSH
 - IPS 6 1/2" IRON PIPE FLUSH
 - IPS 7 1/2" IRON PIPE FLUSH
 - IPS 8 1/2" IRON PIPE FLUSH
 - IPS 9 1/2" IRON PIPE FLUSH
 - IPS 10 1/2" IRON PIPE 4" ABOVE GROUND
 - IPS 11 1/2" REBAR FLUSH
- POINTS 14 - 17 ARE COMPUTED POINTS ONLY**
- IPS 18 1/2" IRON PIPE 4" ABOVE GROUND
 - IPS 20 1/2" IRON PIPE FLUSH
 - IPS 21 1/2" IRON PIPE FLUSH
 - ECM 22 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 23 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 24 1/2" IRON PIPE BURIED 1" DEEP
 - ECM 25 1/2" IRON PIPE BURIED 2" DEEP
 - ECM 26 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 27 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 28 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 29 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 30 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 31 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 32 CONCRETE R/W MONUMENT 8" ABOVE GROUND
 - ECM 33 CONCRETE R/W MONUMENT BURIED

LINE	BEARING	DISTANCE
1	S 13°03'05" W	21.14'
2	N 74°51'45" W	45.38'
3	S 13°08'32" W	314.69'
4	N 84°55'09" W	10.07'
5	N 13°08'32" E	144.60'
6	N 13°08'32" E	172.04'
7	N 29°24'16" E	188.74'
8	S 84°04'51" W	3.04'
9	S 77°49'51" W	150.00'
10	S 77°49'51" W	116.04'
11	S 84°04'51" W	40.31'
12	N 84°55'09" W	74.45'
13	N 84°55'09" W	40.44'
14	S 84°04'51" W	232.03'
15	N 84°55'09" W	74.45'
16	N 84°55'09" W	40.44'
17	S 84°04'51" W	232.03'
18	S 14°04'28" E	49.71'
19	S 77°48'49" E	59.82(Inv)
20	S 76°47'38" E	45.07(Inv)
21	N 89°17'48" E	36.80(Inv)
22	S 88°07'47" E	52.51(Inv)
23	S 84°43'41" E	105.03(Inv)
24	S 80°01'51" E	26.26(Inv)
25	S 80°57'31" E	76.91(Inv)
26	S 80°50'16" E	25.40(Inv)
27	S 76°17'32" E	149.92(Inv)

UNITED STATES OF AMERICA
D.B. 394 PG. 767
TRACT #1145

FILED Jan 05, 2021 03:29:46 pm
PLAT SLIDE 00201 - 0003
INSTRUMENT 00103

NOTE: Lot J and Lot 3A are noncontiguous parts of an existing lot as recorded in D.B. LW, PG. 386. These lots are what remain after deeds were granted to NCDOT and USA.

Lot A was conveyed in fee simple to USA in D.B. 393, PG. 72 & 73. Lots B and C were conveyed in fee simple to USA in D.B. 393, PG. 72 & 73 and subsequently conveyed to NCDOT in D.B. 730, PG. 369.

UNITED STATES OF AMERICA
D.B. 394 PG. 767
TRACT #1145

From U.S. Gov't corner #5993
N 22°42'23" E 401.00'

L. Van R. Finch, Professional Land Surveyor No. 1-7901, certify in accordance with the following as indicated that:

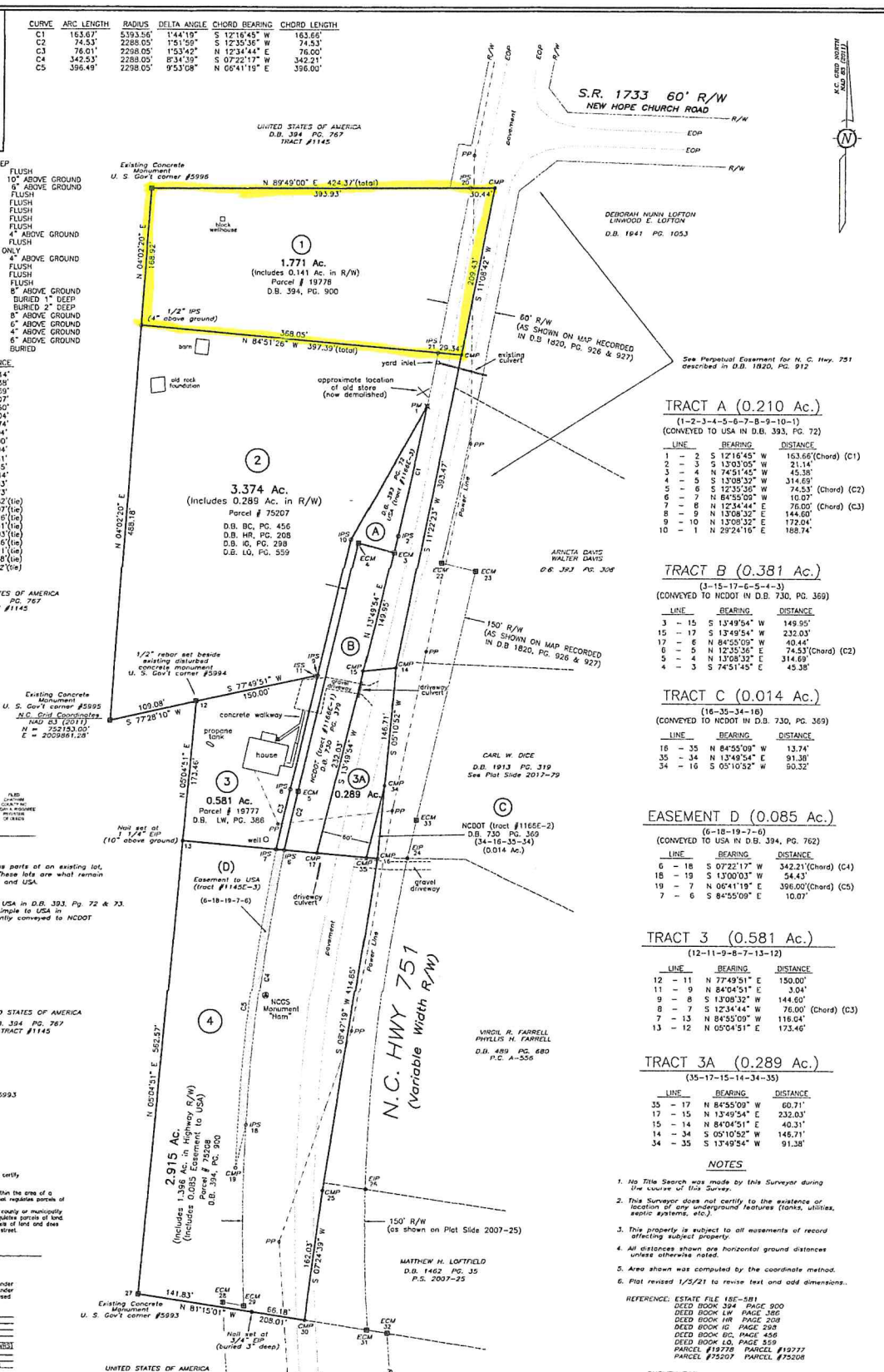
- (a) that the survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land;
- (b) that the survey is located in such portion of a county or municipality that is unincorporated as to an ordinance that regulates parcels of land;
- (c) that the survey is of an existing parcel or parcels of land and does not create a new street or change an existing street.

Van R. Finch

L. Van R. Finch, certify that this map was drawn under my supervision from an actual GPS survey made under my supervision and the following information was used to form the survey for the coordinates listed:

(1) Class of survey	Class A
(2) Positioning technology	GPS
(3) Type of GPS field procedure	Static
(4) Date of survey	08/15/2021
(5) Datum/Elevation	NAD 83 (1011)
(6) Field/office control used	Known
(7) Control model	Static
(8) Combined scale factor	1.000000000
(9) Units	U.S. Survey Feet

Van R. Finch



TRACT A (0.210 Ac.)
(1-2-3-4-5-6-7-8-9-10-1)
(CONVEYED TO USA IN D.B. 393, PG. 72)

LINE	BEARING	DISTANCE
1	S 12°16'45" W	163.66(Chord) (C1)
2	S 13°03'05" W	21.14'
3	N 74°51'45" W	45.38'
4	N 84°55'09" W	10.07'
5	N 13°08'32" E	144.60'
6	N 13°08'32" E	172.04'
7	N 29°24'16" E	188.74'
8	S 84°04'51" W	3.04'
9	S 77°49'51" W	150.00'
10	S 77°49'51" W	116.04'

TRACT B (0.381 Ac.)
(3-15-17-6-5-4-3)
(CONVEYED TO NCDOT IN D.B. 730, PG. 369)

LINE	BEARING	DISTANCE
3	S 13°49'54" W	149.55'
15	S 13°49'54" W	232.03'
17	N 84°55'09" W	40.44'
6	N 12°35'56" E	74.53(Chord) (C2)
5	N 13°08'32" E	144.60'
4	N 74°51'45" W	45.38'

TRACT C (0.014 Ac.)
(16-35-34-16)
(CONVEYED TO NCDOT IN D.B. 730, PG. 369)

LINE	BEARING	DISTANCE
16	S 84°55'09" W	13.74'
35	N 13°49'54" W	191.38'
34	S 05°10'52" E	50.32'

EASEMENT D (0.085 Ac.)
(6-18-19-7-6)
(CONVEYED TO USA IN D.B. 394, PG. 762)

LINE	BEARING	DISTANCE
6	S 07°22'17" W	342.21(Chord) (C4)
18	S 13°03'05" W	54.43'
19	N 06°41'19" E	396.00(Chord) (C5)
7	S 84°55'09" E	10.07'

TRACT 3 (0.581 Ac.)
(12-11-9-8-7-13-12)

LINE	BEARING	DISTANCE
12	N 77°49'51" E	150.00'
11	N 84°04'51" E	3.04'
9	S 13°08'32" W	144.60'
8	S 12°34'44" W	76.00'
7	N 84°55'09" W	116.04'
13	N 05°04'51" E	173.46'

TRACT 3A (0.289 Ac.)
(35-17-15-14-34-35)

LINE	BEARING	DISTANCE
35	N 84°55'09" W	60.71'
17	S 13°49'54" E	232.03'
15	N 84°04'51" E	40.31'
14	S 05°10'52" E	146.71'
34	S 13°49'54" W	91.38'

NOTES

1. No Title Search was made by this Surveyor during the course of this Survey.
 2. This Surveyor does not certify to the existence or location of any underground features (trunks, utilities, septic systems, etc.).
 3. This property is subject to all easements of record affecting subject property.
 4. All distances shown are horizontal ground distances unless otherwise noted.
 5. Area shown was computed by the coordinate method.
 6. Plat revised 1/25/21 to revise text and add dimensions.
- REFERENCE: ESTATE FILE 18E-581
DEED BOOK 394 PAGE 900
DEED BOOK LW PAGE 386
DEED BOOK LW PAGE 208
DEED BOOK LW PAGE 298
DEED BOOK PG. PAGE 456
DEED BOOK LG, PAGE 859
PARCEL #19778 PARCEL #19777
PARCEL #2507 PARCEL #2508

SURVEY FOR
SANDRA B. EMERSON
SCOTT A. WESTWOOD

WILLIAMS TOWNSHIP CHATHAM COUNTY, N.C.
OWNER: REO D. MARKHAM
KENNIE B. MARKHAM
BETH W. MARKHAM
DATE: DECEMBER 29, 2020
REVISED: JANUARY 5, 2021

60 30 0 60 120 180
SCALE: 1" = 60'

VAN R. FINCH - LAND SURVEYS, P.A.
109 Hillsboro St. Pittsboro, N.C. 27312
FIRM LICENSE #C-513

- MAP LEGEND**
- EDP EDGE OF PAVEMENT
 - PIP EXISTING IRON PIPE
 - ESB EXISTING IRON STAKE
 - IPS IRON PIPE SET
 - IRS IRON STAKE SET
 - ECM EXISTING CONCRETE R/W MONUMENT
 - ECM EXISTING CONCRETE MONUMENT
 - CNS CONCRETE NAIL SET
 - EXN EXISTING NAIL
 - PPW POWER POLE
 - CPM COMPUTED POINT
 - USACE U.S. ARMY CORPS OF ENGINEERS
 - NCDOT N.C. DEPARTMENT OF TRANSPORTATION
 - PM PAINT MARK ON CONCRETE STEP
 - DB DEED BOOK



L. Van R. Finch, certify that this plat was drawn under my supervision from an actual GPS survey made under my supervision and the following information was used to form the survey for the coordinates listed:

PLAT SLIDE 00201 - 0003
INSTRUMENT 00103

Van R. Finch

LICENSE NUMBER 1-2507

2021-3