

ORIENTATION BASED ON MAP CABINET "C", SLIDE 5802 (NC GRID (NAD 83/2007))

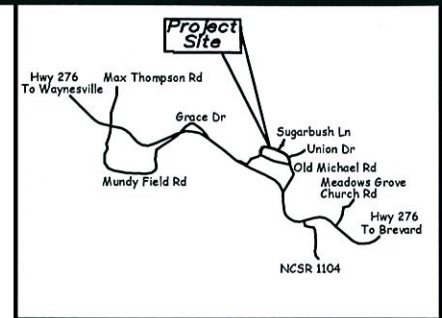
LINE	BEARING	DISTANCE
L43	N 04°28'32" W	31.90'
L44	N 19°11'13" E	42.10'
L45	N 04°00'34" E	71.71'
L46	N 23°19'48" E	32.27'
L47	N 01°01'04" E	32.27'
L48	N 15°38'56" W	120.45'
L49	N 05°21'28" E	45.49'
L50	N 86°16'20" E	101.53'
L51	N 82°22'56" E	48.47'
L52	N 73°55'48" E	54.23'
L53	S 07°28'02" E	7.41'
L54	S 17°19'25" W	34.23'
L55	S 43°39'49" W	37.93'
L56	S 15°14'36" W	40.48'
L57	S 28°00'46" W	30.54'
L58	S 02°47'14" E	17.34'
L59	S 08°37'25" W	45.43'
L60	S 45°45'04" W	56.90'
L61	S 31°56'51" E	39.97'
L62	S 11°41'35" W	51.45'
L63	S 54°12'45" W	74.81'
L64	S 63°59'29" W	38.95'
L65	S 38°12'21" W	17.52'

**NOTES**

1. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS (WRITTEN OR UNWRITTEN).
2. THIS PROPERTY WAS SURVEYED WITHOUT THE BENEFIT OF A TITLE SEARCH AND THEREFORE MAY NOT SHOW ALL ENCUMBRANCES.
3. ALL CORNERS ARE MARKED AS SHOWN IN THE LEGEND UNLESS OTHERWISE NOTED.
4. THIS PROPERTY IS SHOWN AS GPIN: 8654-54-8676
5. DEED REFERENCES: DEED BOOK 452, PAGE 958
6. AREA SHOWN HEREON WAS COMPUTED BY THE COORDINATE METHOD.
7. WETLAND AREAS SHOWN HEREON WERE FLAGGED BY MACTEC ENGINEERING AND CONSULTING, INC., ON OCTOBER 4-6, 2010, AND ARE SUBJECT TO THE ACCURACY THEREOF. THIS SURVEYOR ONLY CERTIFIES TO THE HORIZONTAL LOCATION OF THE AREAS FLAGGED BY MACTEC ENGINEERING AND CONSULTING, INC.
8. THE PURPOSE OF THIS SURVEY IS TO SHOW WETLAND DELINEATION AND FOR BOUNDARY AND CONSERVATION EASEMENT REFERENCE SEE SURVEY BY JOEL JOHNSON LAND SURVEYING, INC FOR THE STATE OF NORTH CAROLINA ECOSYSTEM ENHANCEMENT PROGRAM DATED: AUGUST 17, 2010, PROJECT NUMBER: 10-050 AND RECORDED IN THE HAYWOOD COUNTY REGISTRY IN MAP CABINET "C", SLIDE 5802.

THIS CERTIFIES THAT THIS COPY OF THIS PLAT ACCURATELY DEPICTS THE BOUNDARY OF THE JURISDICTION OF SECTION 404 OF THE CLEAN WATER ACT AS DETERMINED BY THE UNDERSIGNED ON THIS DATE. UNLESS THERE IS A CHANGE IN THE LAW OR OUR PUBLISHED REGULATIONS, THIS DETERMINATION OF SECTION 404 JURISDICTION MAY BE RELIED UPON FOR A PERIOD NOT TO EXCEED FIVE YEARS FROM THIS DATE. THIS DETERMINATION WAS MADE USING THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL.

REGULATORY OFFICIAL: Tyler Crowder 2/20/10  
 TITLE: Regulatory Specialist  
 NAME: Tyler Crowder  
 USACE ACTION ID: SAW 2010-01783

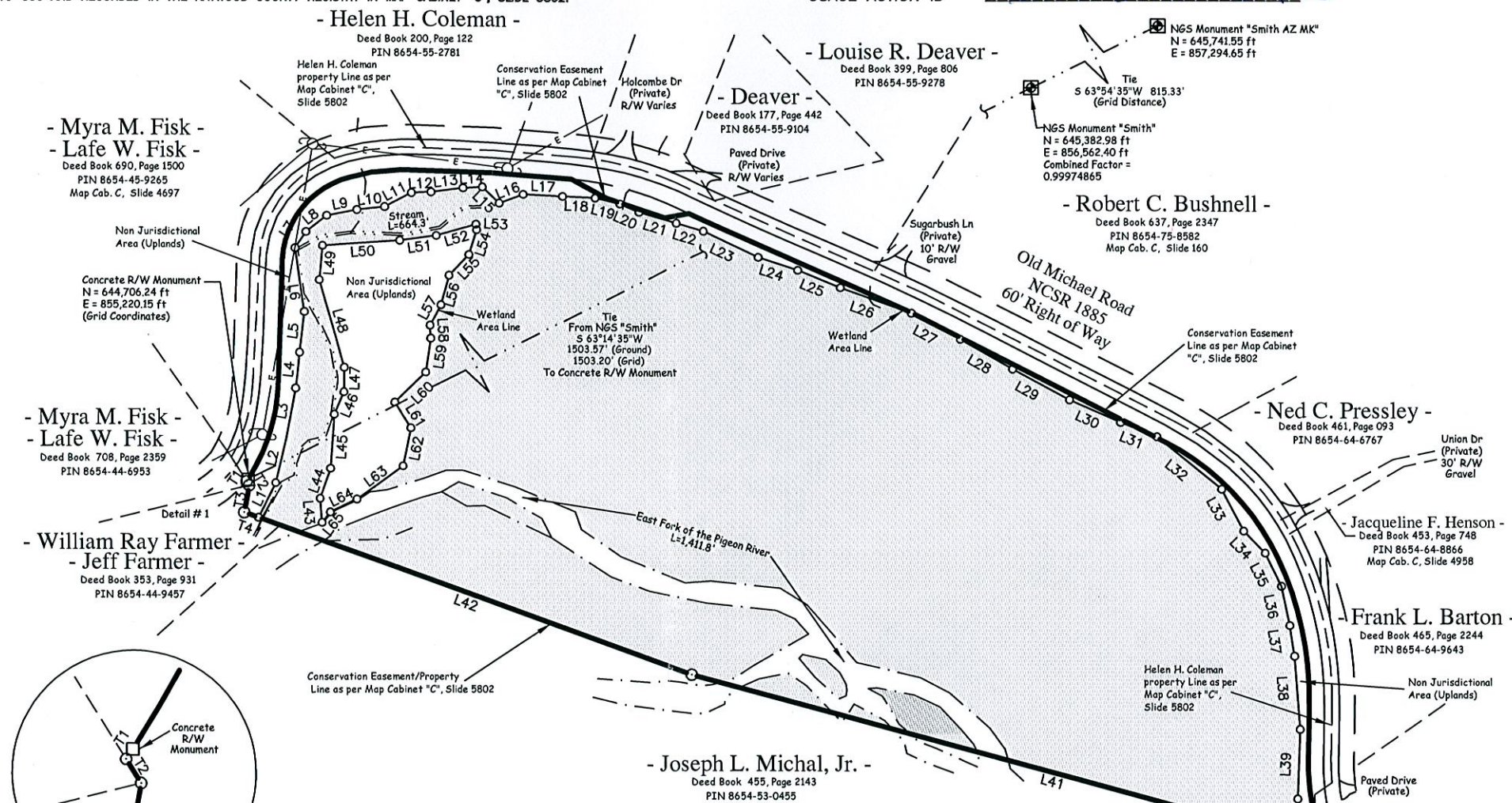


VICINITY MAP (N.T.S.)

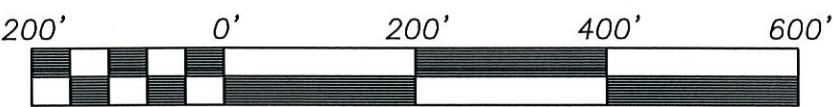
**LEGEND:**

- THESE STANDARD SYMBOLS WILL BE FOUND IN THE DRAWING.
- UNMARKED POINT
  - \* EXISTING IRON REBAR W/CAP (EIR)
  - \* 5/8" NEW IRON REBAR (NIR)
  - \* EXISTING IRON PIPE (EIP)
  - ⊗ R.R. SPIKE FOUND
  - ⊗ R.R. SPIKE SET
  - ⊗ PK NAIL FOUND
  - ⊗ PK NAIL SET
  - ⊗ CONCRETE MONUMENT FOUND
  - ⊗ CONCRETE MONUMENT SET
  - R/W RIGHT OF WAY
  - C/L CENTER LINE
  - N.T.S. NOT TO SCALE
  - SUBJECT PROPERTY
  - WETLAND AREA LINE
  - TIE LINE
  - RIGHT OF WAY LINE
  - LINES PLATTED FROM DEEDS OR RECORDED PLATS OR AS NOTED
  - OVERHEAD POWER LINE
  - STREAM
  - RIVER
  - ⊗ GEODETIC CONTROL STA. / TIE
  - "CC" CONTROL CORNER
  - \* ALL EXISTING AND NEW IRONS ARE FLUSH WITH THE GROUND UNLESS OTHERWISE NOTED.
- |     |                              |
|-----|------------------------------|
| DB  | DEED BOOK                    |
| PG. | PAGE                         |
| PB  | PLAT BOOK                    |
| WB  | WILL BOOK                    |
| W   | WELL                         |
| ⊕   | POWER POLE                   |
| ⊕   | TRANSFORMER                  |
| ⊕   | SEPTIC SYSTEM (LOW PRESSURE) |

LINE	BEARING	DISTANCE
L1	N 26°21'13" E	51.27'
L2	N 13°07'34" E	61.92'
L3	N 10°52'27" E	66.09'
L4	N 06°19'29" E	47.60'
L5	N 06°53'46" E	54.25'
L6	N 08°06'36" W	85.13'
L7	N 33°53'48" E	25.72'
L8	N 52°00'26" E	34.65'
L9	N 79°05'38" E	40.31'
L10	N 83°57'31" E	36.50'
L11	N 62°21'15" E	39.82'
L12	N 87°43'48" E	25.80'
L13	N 82°40'19" E	42.45'
L14	N 86°41'45" E	25.41'
L15	S 46°03'40" E	30.78'
L16	N 69°23'51" E	33.89'
L17	S 87°21'06" E	51.76'
L18	S 87°35'17" E	42.78'
L19	S 76°30'59" E	33.85'
L20	S 66°24'48" E	27.36'
L21	S 73°09'39" E	51.53'
L22	S 74°34'54" E	37.42'
L23	S 64°29'47" E	79.96'
L24	S 71°43'31" E	54.39'
L25	S 67°31'26" E	60.23'
L26	S 70°13'04" E	99.10'
L27	S 61°48'27" E	72.88'
L28	S 60°12'22" E	79.39'
L29	S 61°30'26" E	85.22'
L30	S 66°06'37" E	73.83'
L31	S 68°39'17" E	51.53'
L32	S 51°01'33" E	109.73'
L33	S 27°49'27" E	62.43'
L34	S 44°10'39" E	40.55'
L35	S 26°09'46" E	48.76'
L36	S 11°55'06" E	53.06'
L37	S 08°54'05" E	40.92'
L38	S 04°21'37" E	97.10'
L39	S 02°07'05" W	92.02'
L40	S 13°35'34" E	59.05'
L41	N 74°50'55" W	841.10'
L42	N 70°02'30" W	607.04'



- TOTAL PROJECT AREA = 15.730 ACRES (CALLS L1 thru L42)
- JURISDICTIONAL TOTAL WETLAND AREA = 13.952 ACRES (Shaded)
- NON JURISDICTIONAL AREA (UPLANDS) = 0.958 ACRES (41,715 SQ. FT.) (CALLS L43 thru L65)
- JURISDICTIONAL EAST FORK PIGEON RIVER = 0.774 ACRES (33,753 SQ. FT.) (Length = 1,411.8')
- JURISDICTIONAL STREAM = 0.046 ACRES (1,994 SQ. FT.) (Length = 664.3')



NCBELS LICENSE NO. C-1273

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336/759-9001 fax: 336/759-1005 www.cavanaughassociates.com

SURVEY FOR:  
State of North Carolina  
Ecosystem Enhancement Program  
East Fork of the Pigeon River Wetlands  
NC EEP Project Number: 94203  
SPO File Number: 044-P  
Current Owner: Helen Holcombe Coleman

DATE: October 25, 2010  
SCALE: 1" = 200'  
DRAWN BY: DKA  
CHECKED BY: DKA

EAST FORK TOWNSHIP, HAYWOOD COUNTY, NORTH CAROLINA

TIE LINES CALLS

LINE	BEARING	DISTANCE
T1	S 33°21'57" W	2.60'
Rad: 250.00' Arc: 2.60'		
Tan: 1.30' CA: 0°35'45"		
T2	S 31°50'24" E	6.28'
T3	S 10°28'28" W	36.29'
T4	S 70°02'30" E	19.97'
T5	N 74°50'55" W	10.98'

I, DAVID K. ALLEY, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL FIELD SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 452, PAGE 952 AND MAP CABINET "C", SLIDE 5802; THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN BOOK, PAGES "AS SHOWN"; THAT THE RATIO OF PRECISION IS "1:20,000+"; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600).

THIS 29TH DAY OF OCTOBER, 2010  
DKA  
 N. C. PROFESSIONAL LAND SURVEYOR L-4492

