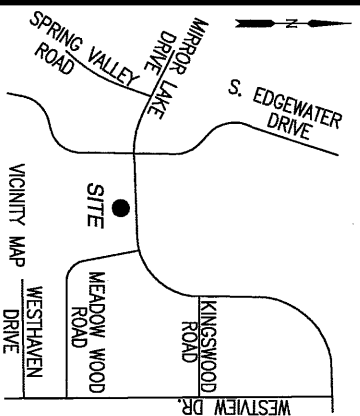




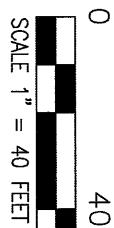
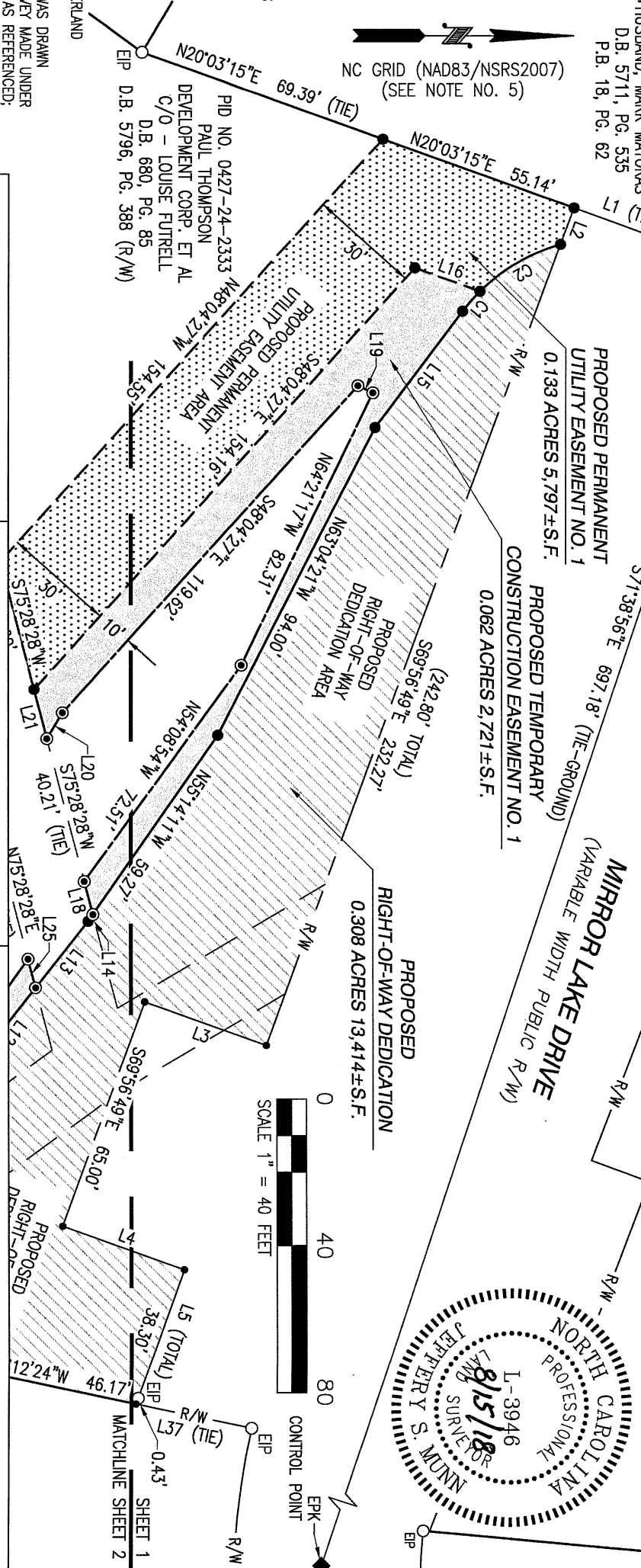
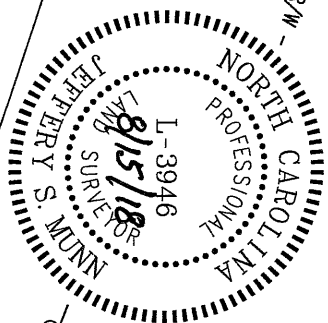
GPS CONTROL POINT - REBAR & CAP
NC GRID COORDINATES (NAD83/NSRS2007)
NORTH = 475,065.75'
EAST = 2,022,964.52'
COMBINED SCALE FACTOR = 0.999875639
(SEE NOTE NO. 5)

CURVE	LENGTH	RADIUS	CHORD
C1	7.14'	50.00'	N49°06'53"W 7.13'
C2	25.52'	50.00'	N30°24'07"W 25.25'

LINE	BEARING	DISTANCE
L1	S20°03'15"W	30.00'
L2	S69°56'49"E	10.53'
L3	S20°03'11"W	35.00'
L4	N20°03'11"E	35.00'
L5	S70°16'00"E	38.73'
L15	N53°12'13"W	39.61'
L16	S20°03'15"W	18.78'
L19	S25°38'43"W	4.50'

LEGEND

- EXISTING IRON PIN OR PIPE - PROPERTY CORNER
- ◆ GPS CONTROL POINT
- NEW 6" NAIL SET
- NEW 5/8" REBAR SET
- COMPUTED POINT (NO POINT SET)
- LINE SURVEYED
- R/W — EXISTING RIGHT OF WAY
- LINE NOT SURVEYED - FROM RECORDS
- EIP EXISTING IRON PIPE OR PIN
- ECM EXISTING CONCRETE MONUMENT



- NOTES:
1. ALL DISTANCES ARE HORIZONTAL GROUND UNLESS OTHERWISE NOTED. ALL AREAS COMPUTED BY THE COORDINATE METHOD.
 2. THIS SURVEY IS SUBJECT TO THE FINDINGS OF A COMPLETE AND ACCURATE TITLE OPINION AND THEREFORE DOES NOT NECESSARILY SHOW ALL ENCUMBRANCES ON THE PROPERTY.
 3. THE PURPOSE OF THIS EXHIBIT IS TO DEPICT THE EXISTING PARCEL BOUNDARIES, EXISTING EASEMENTS, EXISTING RIGHT OF WAYS AND PROPOSED RIGHT OF WAYS AND PROPOSED EASEMENTS REQUIRED FOR THE PROPOSED CONSTRUCTION OF THE MIRROR LAKE DAM IMPROVEMENT PROJECT AND TO PROVIDE THE BASIS FOR THE ACQUISITION OF THE PROPOSED EASEMENTS AND THE PROPOSED RIGHT OF WAY. THIS EXHIBIT DOES NOT REPRESENT A FULL BOUNDARY SURVEY OF THE PARCEL AS SHOWN.
 4. PHYSICAL IMPROVEMENTS, UTILITIES, AND OTHER SURFACE OR SUB-SURFACE FEATURES MAY EXIST WHICH ARE NOT SHOWN.
 5. HORIZONTAL DATUM IS BASED UPON THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM (NAD 83/NSRS2007). THE COORDINATES AS SHOWN ARE EXPRESSED IN US SURVEY FEET AND WERE DERIVED BY GPS OBSERVATIONS UTILIZING THE NC RTK NETWORK. THE COORDINATE VALUES HAVE A POSITIONAL ACCURACY OF 0.06 FEET.
- STATE OF NORTH CAROLINA, COUNTY OF CUMBERLAND
1. JEFFERY S. MUNN, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION FROM RECORDED DOCUMENTS AS REFERENCED. THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES. THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; 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 ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 15TH DAY OF AUGUST, 2018.
- Jeffery S. Munn
JEFFERY S. MUNN, P.L.S. NC L-3946

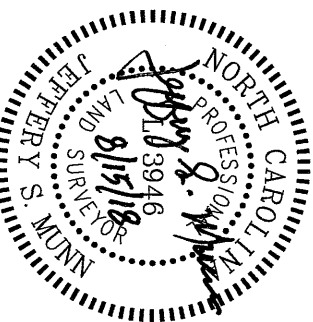
THIS EXHIBIT MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLANS. THE INTENT OF THIS EXHIBIT IS TO ILLUSTRATE THE LOCATION OF THE PROPOSED DEDICATIONS AS SHOWN.



3220 GLEN ROYAL RD. RALEIGH, NC 27617
TEL. (919) 788-0224 FAX (919) 788-0232
CORPORATE LICENSE # P-0189

EASEMENT EXHIBIT
PREPARED FOR THE
CITY OF FAYETTEVILLE
PROPERTY OF
PAUL THOMPSON DEVELOPMENT CORP. ET AL
CROSS CREEK TOWNSHIP • CUMBERLAND COUNTY • NORTH CAROLINA
AUGUST 15, 2018 • SCALE 1" = 40'

1. ALL DISTANCES ARE HORIZONTAL, GROUND UNLESS OTHERWISE NOTED. ALL AREAS COMPUTED BY THE COORDINATE METHOD.
2. THIS SURVEY IS SUBJECT TO THE FINDINGS OF A COMPLETE AND ACCURATE TITLE OPINION AND THEREFORE DOES NOT NECESSARILY SHOW ALL ENCUMBRANCES ON THE PROPERTY.
3. THE PURPOSE OF THIS EXHIBIT IS TO DEPICT THE EXISTING PARCEL BOUNDARIES, EXISTING EASEMENTS, EXISTING RIGHT-OF WAYS AND PROPOSED RIGHT OF WAYS AND PROPOSED EASEMENTS REQUIRED FOR THE PROPOSED CONSTRUCTION OF THE MIRROR LAKE DAM IMPROVEMENT PROJECT AND TO PROVIDE THE BASIS FOR THE ACQUISITION OF THE PROPOSED EASEMENTS AND THE PROPOSED RIGHT OF WAY. THIS EXHIBIT DOES NOT REPRESENT A FULL BOUNDARY SURVEY OF THE PARCEL AS SHOWN.
4. PHYSICAL IMPROVEMENTS, UTILITIES, AND OTHER SURFACE OR SUB-SURFACE FEATURES MAY EXIST WHICH ARE NOT SHOWN.
5. HORIZONTAL DATUM IS BASED UPON THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM (NAD 83/NSRS2007). THE COORDINATES AS SHOWN ARE EXPRESSED IN US SURVEY FEET AND WERE DERIVED BY GPS OBSERVATIONS UTILIZING THE NC RTK NETWORK. THE COORDINATE VALUES HAVE A POSITIONAL ACCURACY OF 0.06 FEET.



LINE	BEARING	DISTANCE
L3	S20°03'11"W	35.00'
L4	N20°03'11"E	35.00'
L5	S70°16'00"E	38.73'
L6	S42°03'54"W	11.59'
L7	S50°46'51"W	4.96'
L8	S50°46'51"W	7.12'
L9	N74°42'46"W	21.17'
L10	N74°42'46"W	32.19'

LINE	BEARING	DISTANCE
L11	N74°42'46"W	14.95'
L12	N51°42'51"W	26.33'
L13	N51°42'51"W	22.98'
L14	N53°44'11"W	2.24'
L17	N88°42'11"E	4.71'
L18	S75°28'28"W	9.30'
L20	S59°02'28"E	8.15'
L21	S75°28'28"W	13.86'

LINE	BEARING	DISTANCE
122	S36°17'50"E	2.53'
123	N87°06'32"W	17.63'
124	N54°08'54"W	33.08'
125	N75°28'28"E	8.09'
126	S42°39'15"E	10.83'
127	S12°12'24"W	17.45'
128	S31°32'36"E	15.54'
129	S87°08'48"W	6.45'

LINE	ANGLE	DISTANCE
L30	N45°52.57"W	10.37'
L31	N36°17.49"W	40.25'
L32	N75°28.28"E	14.02'
L33	S36°17.49"E	19.36'
L34	S63°48.22"W	14.05'
L35	N31°32.36"W	31.66'
L36	N12°12.24"E	20.16'
L37	N12°12.24"E	32.05'

THIS EXHIBIT MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS. THE INTENT OF THIS EXHIBIT IS TO ILLUSTRATE THE LOCATION OF THE PROPOSED DEDICATIONS AS SHOWN.



3220 GLEN ROYAL RD. RALEIGH, NC 27617
TEL. (919) 788-0224 FAX (919) 788-0232
CORPORATE LICENSE # P-0189

EASEMENT EXHIBIT
PREPARED FOR THE
CITY OF FAYETTEVILLE
PROPERTY OF
PAUL THOMPSON DEVELOPMENT CORP. ET AL
CROSS CREEK TOWNSHIP • CUMBERLAND COUNTY • NORTH CAROLINA
AUGUST 15, 2018 • SCALE 1" = 40'