

LINE	BEARING	LENGTH
L1	S17°42'35"E	18.78'
L2	S17°42'35"E	2.85'
L3	S48°21'05"W	23.04'
L4	S49°36'38"W	39.04'
L5	N64°51'05"E	9.70'
L6	S50°43'27"W	9.29'
L7	N03°53'18"E	3.52'
L8	S50°43'27"W	24.37'
L9	N15°09'49"E	13.98'
L10	S31°30'18"E	2.73'
L11	N47°25'50"E	26.88'
L12	N07°06'26"E	14.30'
L13	N50°43'27"E	17.46'
L14	N44°56'20"E	7.40'
L15	S31°30'18"E	17.46'

SEE SHEET 2 FOR
INSET A AND CURVE TABLE

ACRES	SOFT.	PROPERTIES
0.455	19,820±	AREA PER TAX RECORD
0	0±	PSDE
0.008	331±	TEMP. CONST. EASEMENT
0.000	13±	NEW SIDEWALK & UTIL. EASE
0.455	19,820±	TOTAL AREA REMAINING

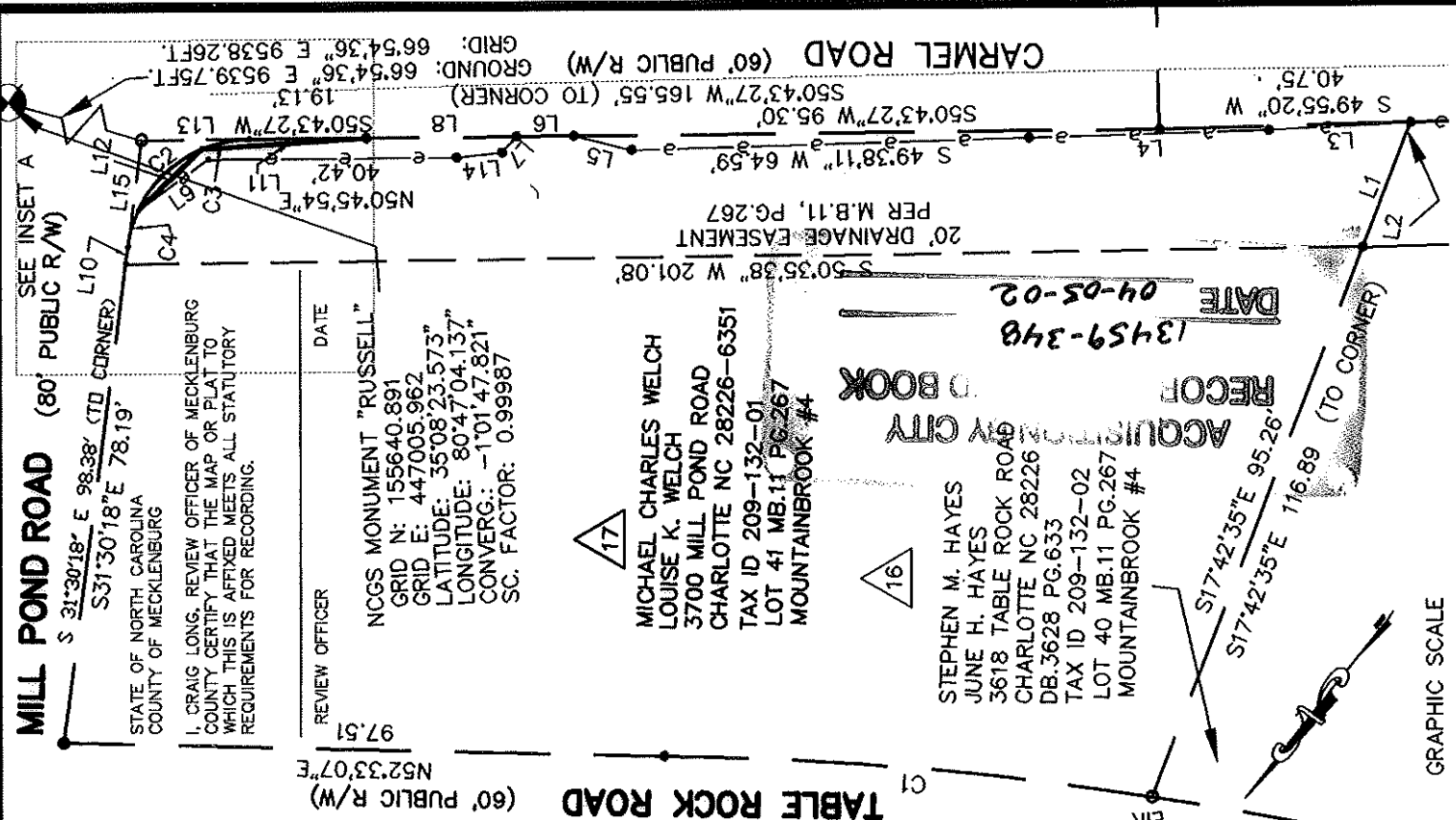
- SURVEYOR'S NOTES:**
- NORTH ORIENTATION AND GRID TIE BASED ON DESIGN SURVEY BY US ON THIS PROJECT DATED 3/17/01.
 - UTILITIES AND IMPROVEMENTS NOT SHOWN HEREON.
 - TITLE INFORMATION NOT SUPPLIED BY CLIENT AND FULL TITLE REPORTS NOT ACQUIRED BY US.
 - THESE PARCELS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
 - THIS MAP IS INVALID UNLESS IT BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE SURVEYOR.

- LEGEND**
- CM CONCRETE MONUMENT
 - PKS SET PK NAIL
 - R/W R/W
 - EIP EXISTING IRON PIN
 - PSDE PERMANENT STORM DRAINAGE EASEMENT
 - DESIGN PROJECT PARCEL NUMBER
 - EIR EXISTING IRON ROD
 - NIR CALCULATED POINT
 - NEW IRON REBAR SET
 - TEMPORARY CONST. EASEMENT
 - NEW R/W LINE
 - PROPERTY LINE SURVEYED
 - PERMANENT EASEMENT
 - LINE FROM DEED
- REVISIONS:**
- 9/28/01 REVISED LOT NUMBER & NOTES
 - 10/02/01 REVISED SIDEWALK & U.E.
 - 11/07/01 REVISED AREA TABLE

GNA DESIGN ASSOCIATES, Inc.

428 East Fourth Street
Suite 408 (704) 373-1907
Charlotte, NC 28202

Surveying • Landscape Architecture • Civil Engineering



REFERENCES:

- ELECTRONIC DESIGN PLANS BY JORDON, JONES AND GOULDING.
- DEED AND TAX RECORDS AS SHOWN HEREON.

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY DIRECT SUPERVISION. THE RATIO OF PRECISION OF THE SURVEY WAS 1:10,000. AND THIS SURVEY COMPLES WITH THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA.

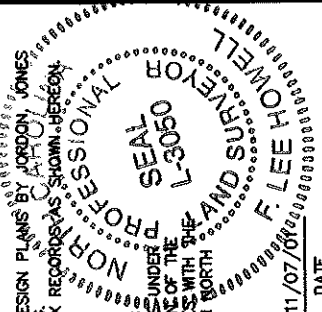
GNA DESIGN ASSOCIATES, INC.

F. LEE HOWELL NCPLS #3050

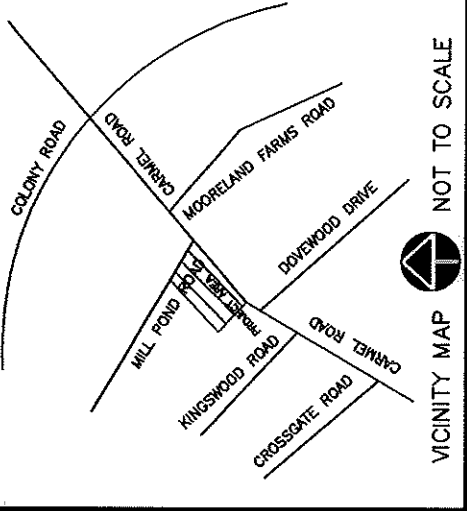
NOTE: THIS MAP DOES NOT MEET G.S. 47--30 AND CANNOT BE RECORDED AS A PLAT.



SCALE: 1" = 40'



CITY OF CHARLOTTE		ENGINEERING AND PROPERTY MANAGEMENT	
CARMEL ROAD			
MILL POND ROAD TO CROSSGATE ROAD			
GNA PROJECT # 49231	CHARLES MICHAEL WELCH	JOB NO.	512-01-013
FIELD BOOK	AND LOUISE K. WELCH	FILE NO.	
SURVEYED 7/9/00	PARCEL 17	SHEET	1
SURVEY BY GNA DESIGN		OF	2
DRAWN BY KFL	DEED BOOK 7404	PAGE	509
CHECKED BY FLH	TAX PARCEL NO.	209-132-01	
SURVEY SUPVR.	DATE 7/12/01	SCALE:	1"=30'



STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, CRAIG LONG, REVIEW OFFICER OF MECKLENBURG COUNTY CERTIFY THAT THE MAP OR PLAN TO WHICH THIS IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER

DATE: 04-05-02

BOOK: 13459-348

CURVE TABLE

CURVE	CENTRAL ANGLE	RADIUS	TANGENT	CHORD BEARING	CHORD LENGTH
C1	08°26'22"	540.42'	39.87'	N56°10'21"E	79.60'
C2	41°54'26"	20.00'	7.66'	N07°06'26"E	14.63'
C3	22°39'48"	20.00'	4.01'	N39°23'33"E	7.91'
C4	17°39'31"	20.00'	3.11'	N22°40'33"W	6.16'

LINE TABLE

LINE	BEARING	LENGTH
L1	S17°42'35"E	18.78'
L2	S17°42'35"E	2.85'
L3	S48°21'05"W	23.04'
L4	S49°36'38"W	39.04'
L5	N64°51'05"E	9.70'
L6	S50°43'27"W	9.29'
L7	N03°53'18"E	3.52'
L8	S50°43'27"W	24.37'
L9	N15°09'49"E	13.98'
L10	S31°30'18"E	2.73'
L11	N47°25'50"E	26.88'
L12	N07°06'26"E	14.30'
L13	N50°43'27"E	17.46'
L14	N44°56'20"E	7.40'
L15	S31°30'18"E	17.46'

AREAS PARCEL 17

ACRES	SOFT.	PROPERTIES
0.455	19,820±	AREA PER TAX RECORD
0	0±	PSDE
0.008	331±	TEMP. CONST. EASEMENT
0.000	13±	NEW SIDEWALK & UTIL. EASE
0.455	19,820±	TOTAL AREA REMAINING

- REVISIONS:
- 9/28/01 REVISED LOT NUMBER & NOTES
 - 10/02/01 REVISED SIDEWALK & U.E.
 - 11/07/01 REVISED AREA TABLE

- REFERENCES:
- ELECTRONIC DESIGN PLANS BY JORDON, JONES AND COLLING.
 - DEED AND TAX RECORDS AS SHOWN HEREON.

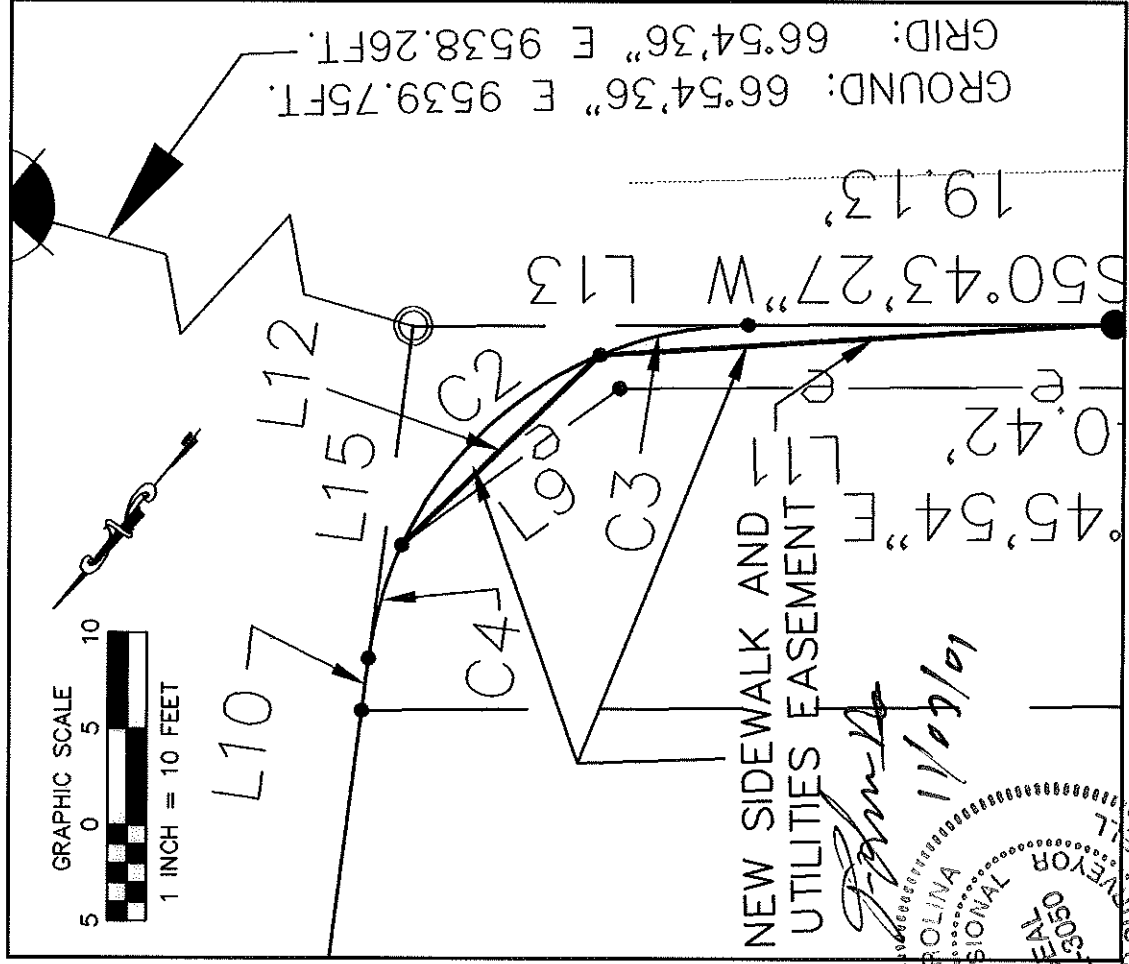
- LEGEND
- CM CONCRETE MONUMENT
 - PKS SET PK NAIL
 - R/W RIGHT OF WAY
 - EIP EXISTING IRON PIN
 - PSDE PERMANENT STORM DRAINAGE EASEMENT
 - DESIGN PROJECT PARCEL NUMBER
 - EIR EXISTING IRON ROD
 - CALCULATED POINT
 - NIR NEW IRON REBAR SET
 - e— TEMPORARY CONST. EASEMENT
 - r— NEW R/W LINE
 - p— PROPERTY LINE SURVEYED
 - E— PERMANENT EASEMENT
 - - - LINE FROM DEED

- SURVEYOR'S NOTES:
- NORTH ORIENTATION AND GRID TIE BASED ON DESIGN SURVEY BY US ON THIS PROJECT DATED 3/17/01.
 - TITLE AND IMPROVEMENTS NOT SHOWN HEREON.
 - FULL INFORMATION NOT SUPPLIED BY CLIENT AND FULL TITLE REPORTS NOT ACQUIRED BY US. THESE PARCELS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
 - THIS MAP IS INVALID UNLESS IT BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE SURVEYOR.

GNA DESIGN ASSOCIATES, Inc.

428 East Fourth Street
Suite 408 (704) 373-1907
Charlotte, NC 28202

Surveying • Landscape Architecture • Civil Engineering



INSET A

CITY OF CHARLOTTE
ENGINEERING AND PROPERTY MANAGEMENT

CARMEL ROAD
MILL POND ROAD TO CROSSGATE ROAD

GNA PROJECT # 49231	CHARLES MICHAEL WELCH	JOB NO. 512-01-013
FIELD BOOK	AND LOUISE K. WELCH	FILE NO.
SURVEYED 7/9/00	PARCEL 17	
SURVEY BY GNA DESIGN		
DRAWN BY KFL	DEED BOOK 7404	PAGE 509
CHECKED BY FLH	TAX PARCEL NO. 209-132-01	
SURVEY SUPVR.	DATE 7/12/01	SCALE: 1"=10'