
 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

RICHARDSON CREEK
 PROFILE

T1 CITY OF MONROE, NC DEC, 1980
 T2 10 YR FLOOD
 T3 RICHARDSON CREEK

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.001580	0.0	0.0	0.	456.480	0.0

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.120	0.120	0.050	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	7430.000	13540.000	17110.000	27500.000	17110.000	0.0	0.0	0.0	0.0

X1	0.0	19.000	810.000	880.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	480.000	65.000	470.000	135.000	466.000	180.000	464.000	240.000	462.000	470.000
GR	460.000	515.000	456.000	565.000	454.000	645.000	452.000	755.000	450.000	770.000
GR	448.000	810.000	441.300	830.000	441.300	860.000	450.000	880.000	454.000	920.000
GR	456.000	1100.000	460.000	1120.000	470.000	1160.000	480.000	1220.000	0.0	0.0

X1	620.000	15.000	535.000	620.000	620.000	620.000	620.000	0.0	0.0	0.0
GR	484.000	100.000	478.000	180.000	470.000	320.000	460.000	430.000	458.000	455.000
GR	450.000	510.000	448.000	535.000	444.500	540.000	442.400	547.000	442.400	592.000
GR	444.500	600.000	450.000	620.000	460.000	680.000	470.000	700.000	480.000	735.000

X1	1140.000	17.000	415.000	490.000	520.000	520.000	520.000	0.0	0.0	0.0
GR	480.000	50.000	470.000	80.000	460.000	130.000	458.000	215.000	456.000	265.000
GR	454.000	305.000	452.000	370.000	450.000	395.000	448.000	415.000	445.000	430.000
GR	443.100	431.000	443.100	475.000	445.000	476.000	450.000	490.000	460.000	530.000
GR	470.000	560.000	480.000	615.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	1900.000	17.000	565.000	650.000	760.000	760.000	760.000	0.0	0.0	0.0
GR	480.000	115.000	478.000	130.000	472.000	185.000	468.000	265.000	466.000	295.000
GR	462.000	385.000	460.000	420.000	454.000	510.000	452.000	565.000	450.000	580.000
GR	448.500	595.000	448.500	596.000	444.500	645.000	450.000	650.000	460.000	680.000
GR	470.000	710.000	480.000	725.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	2520.000	20.000	510.000	580.000	620.000	620.000	620.000	0.0	0.0	0.0
GR	480.000	110.000	478.000	135.000	476.000	220.000	470.000	310.000	460.000	360.000
GR	458.000	365.000	456.000	375.000	456.000	435.000	452.000	495.000	450.900	510.000
GR	450.000	512.400	447.500	519.000	446.600	522.000	446.200	542.000	447.200	567.000
GR	450.000	572.300	454.100	580.000	460.000	600.000	470.000	610.000	480.000	630.000

PRINTED IN USA

FLOODWAY DATA, RICHARDSON CREEK
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
88.500	443.	7876.	1.9	495.1	494.2	0.9
91.500	419.	8064.	1.9	495.2	494.3	0.9
92.500	434.	8500.	1.8	495.8	494.9	0.9
94.000	453.	8330.	1.8	495.8	494.9	0.9
96.000	453.	8343.	1.8	495.9	495.0	0.9

MOORE ENGINEERING, INC. 27

0.0 0.0 0.0 0.300 0.500 0.0 0.0 0.0 0.0 0.0

X1	2740.000	0.0	0.0	0.0	220.000	220.000	220.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	447.000	447.000	0.0
SB	1.250	1.560	3.000	0.0	0.001	0.000	0.001	0.0	0.0	0.0

X1	2760.000	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	447.000	450.000	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	450.000	450.000	0.0
BT	13.000	310.000	470.000	0.0	360.000	460.000	0.0	365.000	458.000	0.0
BT	375.000	456.000	0.0	435.000	456.000	0.0	495.000	452.000	0.0	510.000
BT	450.900	0.0	512.400	450.000	0.0	572.300	450.000	0.0	580.000	454.100
BT	0.0	600.000	460.000	0.0	610.000	470.000	0.0	630.000	480.000	0.0
NC	0.0	0.0	0.0	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	3240.000	15.000	210.000	295.000	480.000	480.000	480.000	0.0	0.0	0.0
GR	482.000	70.000	462.000	150.000	460.000	170.000	458.000	195.000	456.000	210.000
GR	452.000	225.000	447.900	239.000	447.500	258.000	448.200	280.000	455.100	295.000
GR	460.000	340.000	462.000	430.000	464.000	495.000	470.000	540.000	478.000	575.000

X1	4240.00	15.000	80.000	164.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	480.00	40.000	460.000	80.000	454.000	108.000	450.100	111.000	449.200	132.000
GR	449.700	153.000	458.200	164.000	460.000	200.000	462.000	270.000	464.000	290.000
GR	470.000	315.000	474.000	335.000	484.000	440.000	0.0	0.0	0.0	0.0

X1	5120.000	21.000	995.000	1070.000	880.000	880.000	880.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	486.000	40.000	482.000	130.000	480.000	160.000	478.000	270.000	476.000	650.000
GR	474.000	725.000	468.000	810.000	460.000	880.000	458.000	920.000	456.000	940.000
GR	458.000	960.000	460.000	965.000	461.500	980.000	460.000	995.000	450.900	1011.000
GR	449.900	1035.000	450.500	1055.000	460.000	1070.000	470.000	1090.000	480.000	1120.000
GR	488.000	1140.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	6340.000	15.000	290.000	346.000	1220.000	1220.000	1220.000	0.0	0.0	0.0
GR	490.000	0.0	470.000	160.000	460.000	220.000	458.000	260.000	455.200	290.000
GR	451.600	294.000	450.700	315.000	451.000	336.000	459.600	346.000	460.000	380.000
GR	470.000	410.000	480.000	420.000	482.000	430.000	484.000	455.000	486.000	495.000

X1	7020.000	17.000	750.000	815.000	680.000	680.000	680.000	0.0	0.0	0.0
GR	504.000	95.000	478.000	165.000	474.000	240.000	470.000	350.000	466.000	385.000
GR	464.000	420.000	462.000	625.000	460.000	680.000	458.000	715.000	455.900	750.000
GR	451.900	755.000	450.900	775.000	451.300	798.000	460.000	815.000	480.000	860.000
GR	482.000	900.000	490.000	925.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	7740.000	17.000	325.000	393.000	720.000	720.000	720.000	0.0	0.0	0.0
GR	494.000	80.000	480.000	115.000	472.000	185.000	470.000	195.000	466.000	240.000
GR	464.000	285.000	462.000	315.000	460.000	325.000	451.900	339.000	451.000	361.000
GR	451.500	382.000	459.000	393.000	460.000	420.000	468.000	445.000	470.000	460.000
GR	480.000	470.000	490.000	500.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	8640.000	17.000	480.000	550.000	900.000	900.000	900.000	0.0	0.0	0.0
GR	490.000	0.0	484.000	105.000	478.000	190.000	470.000	240.000	466.000	295.000
GR	464.000	440.000	462.000	480.000	458.000	496.700	452.100	500.000	451.500	517.000
GR	451.700	535.000	460.000	550.000	464.000	560.000	466.000	570.000	470.000	580.000
GR	480.000	600.000	480.000	610.000	0.0	0.0	0.0	0.0	0.0	0.0

MOORE REPORTS TOWNS, INC. 27 PRINTED IN USA

X1	9940.000	15.000	155.000	225.000	1300.000	1300.000	1300.000	0.0	0.0	0.0
GR	490.000	0.0	480.000	50.000	470.000	90.000	464.000	135.000	460.000	145.000
GR	459.000	155.000	453.700	161.000	452.800	161.000	453.000	208.000	460.000	225.000
GR	464.000	245.000	466.000	260.000	468.000	330.000	470.000	360.000	490.000	455.000
NC	0.070	0.100	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	11120.000	13.000	475.000	560.000	1180.000	1180.000	1180.000	0.0	0.0	0.0
GR	490.000	0.0	472.000	215.000	470.000	250.000	468.000	420.000	466.000	445.000
GR	460.000	475.000	454.200	495.000	453.200	509.000	434.000	535.000	460.000	542.000
GR	464.000	560.000	470.000	630.000	490.000	680.000	0.0	0.0	0.0	0.0

X1	11500.000	15.000	400.000	462.000	380.000	380.000	380.000	0.0	0.0	0.0
GR	490.000	0.0	480.000	110.000	478.000	145.000	468.000	210.000	468.000	325.000
GR	464.000	375.000	460.200	400.000	454.400	406.000	453.900	422.000	454.000	442.000
GR	464.800	462.000	466.000	480.100	470.000	30.000	480.000	500.000	490.000	520.000
NH	4.000	0.070	385.000	0.050	460.000	0.100	590.000	10.000	1260.000	0.0

X1	11780.000	15.000	385.000	460.000	280.000	280.000	280.000	0.0	0.0	0.0
GR	490.000	0.0	470.000	110.000	478.000	145.000	468.000	210.000	468.000	335.000
GR	460.500	385.000	455.200	400.000	454.200	420.000	455.000	446.000	460.000	460.000
GR	465.000	490.000	468.000	590.000	470.000	1190.000	480.000	1235.000	490.000	1260.000
NH	4.000	0.100	85.000	0.060	150.000	0.150	455.000	10.000	735.000	0.0

X1	12220.000	14.000	85.000	150.000	440.000	440.000	440.000	0.0	0.0	0.0
GR	490.000	0.0	470.000	50.000	464.000	85.000	455.200	93.000	455.000	110.000
GR	455.900	131.000	462.000	150.000	464.000	205.000	466.000	340.000	470.000	430.000
GR	472.000	455.000	472.000	620.000	478.000	670.000	490.000	735.000	0.0	0.0
NC	0.120	0.090	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	7300.000	13300.000	16800.000	27000.000	16800.000	0.0	0.0	0.0	0.0

X1	13180.000	12.000	90.000	161.000	960.000	960.000	960.000	0.0	0.0	0.0
GR	490.000	0.0	470.000	50.000	464.400	90.000	455.700	99.000	455.500	115.000
GR	456.300	136.000	465.600	161.000	470.000	190.000	472.000	260.000	474.000	300.000
GR	476.000	420.000	490.000	540.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	13740.000	14.000	110.000	185.000	560.000	560.000	560.000	0.0	0.0	0.0
GR	490.000	0.0	470.000	80.000	465.000	110.000	458.100	115.000	456.000	138.000
GR	457.000	168.000	466.000	185.000	470.000	220.000	472.000	265.000	472.000	390.000
GR	478.000	430.000	480.000	460.000	482.000	540.000	490.000	710.000	0.0	0.0
NC	0.130	0.130	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	14740.000	13.000	109.000	200.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	490.000	0.0	480.000	20.000	472.000	55.000	468.000	80.000	465.300	109.000
GR	456.900	129.300	456.400	148.000	457.500	176.000	466.000	200.000	470.000	225.000
GR	472.000	245.000	482.000	290.000	490.000	335.000	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	15780.000	12.000	245.000	310.000	1040.000	1040.000	1040.000	0.0	0.0	0.0
GR	490.000	0.0	480.000	110.000	476.000	150.000	468.000	210.000	464.100	245.000
GR	456.900	252.000	457.500	275.000	457.500	295.000	463.000	310.000	470.000	335.000
GR	480.000	370.000	490.000	395.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	15720.000	13.000	205.000	270.000	940.000	940.000	940.000	0.0	0.0	0.0
GR	490.000	0.0	480.000	50.000	476.000	75.000	474.000	95.000	472.000	105.000
GR	470.000	150.000	466.000	180.000	465.000	205.000	457.200	213.000	457.700	234.000
GR	457.800	256.000	470.000	270.000	460.000	370.000	0.0	0.0	0.0	0.0

PRINTED IN U.S.A. 22

X1	17000.000	20.000	470.000	547.000	280.000	230.000	280.000	0.0	0.0	0.0
GR	500.000	0.0	487.000	100.000	486.800	150.000	484.800	200.000	480.900	250.000
GR	474.400	300.000	470.700	350.000	470.400	400.000	466.800	430.000	464.700	470.000
GR	457.300	480.000	448.000	500.000	458.000	520.000	461.000	525.000	463.500	533.000
GR	464.100	547.000	458.500	570.000	478.300	622.000	481.800	628.000	496.800	684.000
NC	0.150	0.150	0.070	0.300	0.500	0.0	0.0	0.0	0.0	0.0
QT	5.000	6500.000	11850.000	15000.000	25000.000	15000.000	0.0	0.0	0.0	0.0

X1	5.750	18.000	715.000	883.000	640.000	640.000	640.000	0.0	-0.200	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	488.200	486.100	0.0
GR	502.300	665.000	480.000	715.000	471.000	740.000	467.600	755.000	459.500	760.000
GR	458.100	765.000	457.800	785.000	458.300	800.000	459.500	812.000	466.900	840.000
GR	468.900	865.000	471.500	883.000	472.500	890.000	473.800	910.000	477.900	1015.000
GR	488.200	1150.000	493.500	1200.000	499.300	1300.000	0.0	0.0	0.0	0.0
S4	1.250	1.200	2.500	0.0	5.000	2.000	1443.000	2.300	0.0	0.0

X1	6.250	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.050	0.0
X2	0.0	0.0	1.000	483.400	486.100	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	488.200	486.100	0.0
BT	10.000	0.0	500.000	0.0	715.000	488.200	483.400	883.000	486.300	483.400
BT	900.000	486.100	0.0	950.000	486.100	0.0	1000.000	486.400	0.0	1100.000
BT	488.100	0.0	1150.000	488.200	0.0	1200.000	493.500	0.0	1300.000	499.300
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8.000	0.0	0.0	0.0	170.000	170.000	170.000	0.0	0.310	0.0
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X1	11.210	0.0	0.0	0.0	327.000	327.000	327.000	0.0	0.580	0.0
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X1	14.420	0.0	0.0	0.0	327.000	327.000	327.000	0.0	0.580	0.0
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X1	17.630	0.0	0.0	0.0	327.000	327.000	327.000	0.0	0.580	0.0
NC	0.120	0.120	0.060	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	20.850	12.000	200.000	308.000	329.000	329.000	329.000	0.0	0.0	0.0
GR	490.000	130.000	472.000	200.000	468.000	220.000	461.000	222.000	460.600	250.000
GR	460.600	273.000	468.500	282.000	468.500	308.000	470.900	400.000	471.500	450.000
GR	474.000	500.000	490.000	600.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	21.850	0.0	0.0	0.0	106.000	106.000	106.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	482.000	482.000	0.0

X1	22.000	19.000	200.000	310.000	16.000	16.000	16.000	0.0	0.0	0.0
GR	487.000	0.0	485.300	50.000	483.100	100.000	482.700	150.000	482.000	200.000
GR	471.500	205.000	468.000	212.000	464.800	215.000	463.000	245.000	460.100	245.000
GR	459.900	255.000	460.100	263.000	463.200	288.000	467.500	308.000	480.300	310.000
GR	481.600	325.000	481.600	350.000	484.200	400.000	487.000	450.000	0.0	0.0

X1	22.150	0.0	0.0	0.0	16.000	16.000	16.000	0.0	0.0	0.0
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X1	22.300	13.000	200.000	310.000	16.000	16.000	16.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	482.000	482.000	0.0
GR	490.000	130.000	480.000	175.000	472.000	200.000	468.000	220.000	461.000	222.000
GR	460.600	250.000	460.600	273.000	468.500	283.000	468.300	310.000	471.000	400.000

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471.500 450.000 474.000 500.000 490.000 600.000 0.0 0.0 0.0 0.0

X1	23.300	0.0	0.0	0.0	106.000	106.000	106.000	0.0	0.0	0.0
X1	29.750	22.000	470.000	590.000	684.000	684.000	684.000	0.0	0.0	0.0
GR	506.500	0.0	502.600	50.000	488.200	100.000	482.000	150.000	479.800	200.000
GR	479.500	350.000	472.200	400.000	471.200	450.000	469.600	470.000	463.400	472.000
GR	463.800	485.000	463.500	506.000	452.200	510.000	462.600	522.000	467.200	550.000
GR	470.900	575.000	477.300	590.000	478.300	612.000	487.500	625.000	497.500	650.000
GR	503.500	675.000	307.800	750.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	34.250	15.000	280.000	690.000	476.000	476.000	476.000	0.0	-0.210	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	517.300	517.600	0.0
GR	520.000	0.0	502.600	50.000	488.200	100.000	482.000	150.000	479.800	200.000
GR	478.600	280.000	472.200	400.000	471.200	445.000	461.400	473.000	460.200	530.000
GR	465.800	580.000	486.500	595.000	502.000	690.000	504.500	690.000	520.000	550.000
SB	1.250	1.200	2.500	0.0	84.000	25.000	11100.000	3.700	0.0	0.0

X1	35.250	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.070	0.0
X2	0.0	0.0	1.000	515.000	517.300	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	517.300	517.600	0.0
BT	8.000	0.0	520.000	0.0	280.000	517.300	508.900	420.000	517.300	508.900
BT	421.000	517.300	515.000	580.000	517.300	515.000	581.000	517.300	508.900	700.000
BT	517.600	508.900	950.000	520.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	37.250	24.000	470.000	525.000	130.000	130.000	130.000	0.0	0.0	0.0
GR	506.500	0.0	502.600	50.000	488.200	100.000	482.000	150.000	479.800	200.000
GR	479.500	250.000	478.000	300.000	475.600	350.000	472.200	400.000	471.200	450.000
GR	469.600	470.000	463.400	472.000	463.800	485.000	463.500	500.000	462.200	510.000
GR	462.600	522.000	467.200	525.000	467.200	550.000	470.900	575.000	477.300	590.000
GR	478.300	611.000	487.500	625.000	503.500	675.000	520.000	950.000	0.0	0.0

X1	54.500	18.000	467.000	535.000	1840.000	1840.000	1840.000	0.0	-1.750	0.0
GR	513.500	215.000	495.000	260.000	486.500	415.000	483.600	435.000	473.400	447.000
GR	472.100	467.000	467.100	480.000	465.300	500.000	465.800	518.000	472.300	535.000
GR	473.200	565.000	476.500	615.000	479.200	645.000	485.800	665.000	488.300	715.000
GR	490.500	815.000	491.200	915.000	500.000	1020.000	0.0	0.0	0.0	0.0

X1	59.500	0.0	0.0	0.0	515.000	515.000	515.000	0.0	0.875	0.0
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X1	65.000	22.000	427.000	578.000	565.000	565.000	565.000	0.0	0.0	0.0
GR	513.600	215.000	495.000	260.000	486.500	415.000	485.500	427.000	478.300	435.000
GR	474.900	450.000	467.600	455.000	465.300	468.000	462.500	470.000	462.600	485.000
GR	462.900	505.000	465.000	512.000	468.500	523.000	474.000	530.000	475.400	548.000
GR	481.100	560.000	455.800	578.000	487.300	690.000	488.300	715.000	490.500	815.000
GR	491.100	915.000	500.000	1020.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	65.500	25.000	402.500	577.300	65.000	65.000	65.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	492.200	492.200	0.0
GR	506.500	0.0	500.000	70.000	498.000	120.000	494.000	210.000	492.000	230.000
GR	489.400	402.500	489.500	408.000	472.200	442.000	471.200	457.000	469.500	459.800
GR	465.900	470.000	464.600	487.500	465.900	505.000	468.400	519.800	472.300	528.000
GR	472.700	545.000	486.600	572.000	487.800	577.300	489.000	577.300	490.000	650.000
GR	491.000	750.000	491.500	850.000	492.500	950.000	495.000	1050.000	500.000	1150.000

PRINTED IN U.S.A. MODEL ENGINEERING, MILWAUKEE, WIS. U.S.A.

	1.050	1.500	2.600	0.0	42.000	6.000	2719.000	2.500	464.600	464.600
X1	66.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	493.200	493.200	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	493.200	493.200	0.0
BT	15.000	0.0	506.500	0.0	200.000	499.400	0.0	300.000	496.600	0.0
BT	400.000	494.800	0.0	402.500	497.00	491.200	577.300	496.100	489.000	579.800
BT	493.200	0.0	650.000	493.300	0.0	750.000	493.300	0.0	850.000	493.600
BT	0.0	950.000	494.800	0.0	1000.000	495.700	0.0	1050.000	497.000	0.0
BT	1100.000	498.400	0.0	150.000	500.000	0.0	0.0	0.0	0.0	0.0

X1	66.200	25.000	427.000	578.000	15.000	15.000	15.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	491.200	491.200	0.0
GR	506.500	0.0	500.000	70.000	494.000	205.000	492.000	230.000	486.500	415.000
GR	485.500	427.000	478.300	435.000	474.900	450.000	467.600	455.000	465.300	468.000
GR	462.500	470.000	462.600	485.000	462.900	505.000	465.000	512.000	468.500	523.000
GR	474.000	530.000	475.400	548.000	481.100	560.000	485.800	578.000	488.000	578.000
GR	490.50	650.000	491.200	750.000	492.000	850.000	493.000	950.000	500.000	1020.000
SB	1.250	1.200	2.500	0.0	30.000	5.000	2354.000	2.300	462.500	462.500

X1	66.700	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X	0.0	0.0	1.000	489.600	493.700	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	493.700	493.700	0.0
BT	11.000	0.0	506.500	0.0	100.000	501.300	0.0	200.000	497.500	0.0
BT	300.000	495.000	0.0	4.5.000	493.700	0.0	427.000	497.000	489.600	578.000
BT	497.000	489.600	580.000	493.700	0.0	700.000	494.000	0.0	900.000	494.700
BT	0.0	1020.000	500.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	68.000	18.000	472.000	535.000	230.000	230.000	230.000	0.0	0.0	0.0
GR	513.600	215.000	495.000	262.000	491.500	315.000	486.500	415.000	483.600	435.000
GR	473.300	447.000	472.100	472.000	467.000	480.000	465.300	500.000	465.900	518.000
GR	472.300	535.000	473.300	565.000	479.200	645.000	485.800	665.000	488.300	715.000
GR	490.500	815.000	491.100	915.000	500.000	1020.000	0.0	0.0	0.0	0.0

X1	78.000	0.0	0.0	0.0	910.000	910.000	910.000	0.0	0.045	0.0
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X1	88.500	25.000	700.000	835.000	1136.000	1136.000	1136.000	0.0	-0.070	0.0
GR	500.000	0.0	497.300	35.000	496.300	95.000	494.000	135.000	495.000	185.000
GR	494.300	285.000	486.500	335.000	485.000	365.000	482.300	485.000	478.600	585.000
GR	478.200	635.000	478.100	700.000	475.000	715.000	472.500	735.000	470.000	767.600
GR	467.000	780.000	466.100	795.000	465.100	805.000	467.000	815.000	476.600	835.000
GR	480.300	855.000	490.300	890.000	490.800	895.000	493.300	1025.000	500.000	1160.000
NC	0.150	0.150	0.070	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	91.500	25.000	725.000	875.000	324.000	324.000	324.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	493.000	493.000	0.0
GR	500.000	0.0	497.300	35.000	496.300	95.000	494.000	135.000	495.000	185.000
GR	494.300	285.000	486.500	335.000	485.000	365.000	482.200	485.000	478.600	585.000
GR	478.200	635.000	474.000	725.000	472.500	735.000	471.000	755.000	469.000	760.000
GR	465.600	770.000	467.000	800.000	469.500	816.000	472.500	855.000	485.000	870.000
GR	485.000	875.000	490.300	890.000	490.800	895.000	493.000	1000.000	506.000	1300.000
SB	1.250	1.200	2.500	0.0	48.000	9.000	2285.000	2.200	465.600	465.600

X1	92.500	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	488.900	493.000	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	493.000	493.000	0.0
BT	8.000	0.0	506.000	0.0	300.000	496.000	0.0	720.000	493.600	0.0

	23,000	496,500	488,900	975,000	415,000	480,900	880,000	493,000	0.0	1000,000
	493,200	0.0	1300,000	506,000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0,150	0,150	0,070	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	94,000	20,000	700,000	835,000	150,000	150,000	150,000	0.0	0.0	0.0
GR	500,000	205,000	494,200	285,000	486,500	335,000	485,000	365,000	483,800	435,000
GR	478,600	545,000	478,100	635,000	478,200	700,000	472,000	735,000	470,000	767,000
GR	467,000	780,000	466,000	725,000	466,000	805,000	467,000	815,000	476,500	835,000
GR	480,500	855,000	490,500	690,000	490,800	895,000	493,200	1000,000	500,000	1100,000

X1	96,000	0.0	0.0	0.0	200,000	200,000	200,000	0.0	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOORE BUSINESS FORMS, INC. PRINTED IN U.S.A.

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR = 01,02,03
MODIFICATION = 50,51,52,53

T1 CITY OF MONROE, NC
T2 100 YEAR FLOOD
T3 RICHARDSON CREEK

J1	ICHECK	INQ	NINW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	4.	0.	0.	0.001580	0.0	0.0	0.	461.320	0.0

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

JOE BAKER, U.S. ARMY, K. 17, W. 10th St.

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CGRR = 01,02,03
MODIFICATION = 50,51,52,53

T1 CITY OF MONROE, NC
T2 500 YEAR FLOOD
T3 RICHARDSON CREEK

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	PQ
	0.	5.	0.	0.	0.001580	0.0	0.0	0.	464.790	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBK	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

 REC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR = 01,02,03
 MODIFICATION = 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

RICHARDSON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
0.0	0.0	0.0	0.0	441.30	7430.00	456.48	0.0	456.98	16.03	6.40	2238.83	1855.74
0.0	0.0	0.0	0.0	441.30	13540.00	459.82	0.0	460.37	15.76	7.39	4151.30	3410.97
0.0	0.0	0.0	0.0	441.30	17110.00	461.32	0.0	461.89	15.77	7.84	5081.59	4307.90
0.0	0.0	0.0	0.0	441.30	27500.00	464.79	0.0	465.41	15.81	8.84	7795.28	6916.70
620.000	620.00	0.0	0.0	442.40	7430.00	457.38	0.0	457.85	12.63	5.86	1701.65	2090.76
620.000	620.00	0.0	0.0	442.40	13540.00	460.63	0.0	461.51	18.10	8.10	2455.45	3182.22
620.000	620.00	0.0	0.0	442.40	17110.00	462.07	0.0	463.16	20.73	9.16	2839.79	3758.30
620.000	620.00	0.0	0.0	442.40	27500.00	465.30	0.0	467.00	27.42	11.76	3802.87	5251.98
1140.000	520.00	0.0	0.0	443.10	7430.00	458.09	0.0	458.54	13.44	5.98	2007.42	2026.50
1140.000	520.00	0.0	0.0	443.10	13540.00	461.77	0.0	462.39	15.15	7.46	3406.93	3478.54
1140.000	520.00	0.0	0.0	443.10	17110.00	463.43	0.0	464.14	15.76	8.10	4108.40	4309.68
1140.000	520.00	0.0	0.0	443.10	27500.00	467.30	0.0	468.20	17.30	9.61	5822.91	6610.83
1900.000	760.00	0.0	0.0	444.50	7430.00	459.13	0.0	459.64	15.18	6.09	1735.33	1907.13
1900.000	760.00	0.0	0.0	444.50	13540.00	462.91	0.0	463.66	17.36	7.75	2798.39	3250.00
1900.000	760.00	0.0	0.0	444.50	17110.00	464.60	0.0	465.48	18.30	8.49	3384.28	3999.76
1900.000	760.00	0.0	0.0	444.50	27500.00	468.55	0.0	469.68	20.02	10.13	5008.48	6145.43
2520.000	620.00	0.0	0.0	446.20	7430.00	460.13	0.0	460.73	19.50	6.89	1715.68	1682.67
2520.000	620.00	0.0	0.0	446.20	13540.00	464.02	0.0	464.87	20.93	8.55	2698.39	2959.71
2520.000	620.00	0.0	0.0	446.20	17110.00	465.76	0.0	466.75	22.05	9.39	3167.44	3643.61
2520.000	620.00	0.0	0.0	446.20	27500.00	469.76	0.0	471.15	25.29	11.49	4311.66	5467.86
2740.000	220.00	0.0	0.0	445.20	7430.00	460.62	0.0	461.15	16.62	6.52	1833.41	1822.67
2740.000	220.00	0.0	0.0	446.20	13540.00	464.56	0.0	465.32	18.33	8.18	2840.72	3162.77
2740.000	220.00	0.0	0.0	445.20	17110.00	466.34	0.0	467.23	19.41	9.00	3325.50	3883.28
2740.000	220.00	0.0	0.0	446.20	27500.00	470.44	0.0	471.71	22.34	11.02	4518.02	5818.45
2760.000	20.00	450.00	447.00	446.20	7430.00	460.65	0.0	461.18	16.43	6.50	1841.84	1832.85
2760.000	20.00	450.00	447.00	446.20	13540.00	464.56	0.0	465.32	18.30	8.17	2842.14	3164.81
2760.000	20.00	450.00	447.00	446.20	17110.00	466.34	0.0	467.23	19.39	8.99	3327.26	3885.85
2760.000	20.00	450.00	447.00	446.20	27500.00	470.44	0.0	471.71	22.29	11.01	4521.41	5824.22
3240.000	480.00	0.0	0.0	447.50	7430.00	461.43	0.0	462.17	23.04	7.13	1337.30	1548.05
3240.000	480.00	0.0	0.0	447.50	13540.00	465.40	0.0	466.33	22.00	8.49	2626.92	2886.56
3240.000	480.00	0.0	0.0	447.50	17110.00	467.25	0.0	468.24	21.29	9.00	3326.87	3707.97
3240.000	480.00	0.0	0.0	447.50	27500.00	471.61	0.0	472.74	20.14	10.17	5135.81	6127.65

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 FRRJR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

RICHARDSON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
0.0	0.0	0.0	0.0	441.30	7430.00	456.48	0.0	456.98	16.03	6.40	2238.83	1855.74
0.0	0.0	0.0	0.0	441.30	13540.00	459.82	0.0	460.37	15.76	7.39	4151.30	3410.97
0.0	0.0	0.0	0.0	441.30	17110.00	461.32	0.0	461.89	15.77	7.84	5081.59	4307.99
0.0	0.0	0.0	0.0	441.30	27500.00	464.79	0.0	465.41	15.81	8.84	7795.28	6916.70
620.000	620.00	0.0	0.0	442.40	7430.00	457.38	0.0	457.86	12.63	5.86	1701.65	2090.76
620.000	620.00	0.0	0.0	442.40	13540.00	460.53	0.0	461.51	18.10	8.10	2455.45	3182.22
620.000	620.00	0.0	0.0	442.40	17110.00	462.07	0.0	463.16	20.73	9.16	2839.79	3758.30
620.000	620.00	0.0	0.0	442.40	27500.00	465.30	0.0	467.00	27.42	11.76	3802.87	5251.98
1140.000	520.00	0.0	0.0	443.10	7430.00	458.09	0.0	458.54	13.44	5.98	2007.42	2026.50
1140.000	520.00	0.0	0.0	443.10	13540.00	461.77	0.0	462.39	15.15	7.46	3406.93	3478.54
1140.000	520.00	0.0	0.0	443.10	17110.00	463.43	0.0	464.14	15.76	8.10	4108.40	4309.68
1140.000	520.00	0.0	0.0	443.10	27500.00	467.30	0.0	468.20	17.30	9.61	5822.91	6610.83
1900.000	760.00	0.0	0.0	444.50	7430.00	459.13	0.0	459.64	15.18	6.09	1735.33	1907.13
1900.000	760.00	0.0	0.0	444.50	13540.00	462.91	0.0	463.66	17.36	7.75	2798.39	3250.00
1900.000	760.00	0.0	0.0	444.50	17110.00	464.60	0.0	465.48	18.30	8.49	3384.28	3999.76
1900.000	760.00	0.0	0.0	444.50	27500.00	468.55	0.0	469.68	20.02	10.13	5008.48	6145.43
2520.000	620.00	0.0	0.0	446.20	7430.00	460.13	0.0	460.73	19.50	6.89	1715.68	1682.67
2520.000	620.00	0.0	0.0	446.20	13540.00	464.02	0.0	464.87	20.93	8.55	2698.39	2959.71
2520.000	620.00	0.0	0.0	446.20	17110.00	465.76	0.0	466.75	22.05	9.39	3167.44	3643.61
2520.000	620.00	0.0	0.0	446.20	27500.00	469.76	0.0	471.15	25.29	11.49	4311.66	5467.86
2740.000	220.00	0.0	0.0	446.20	7430.00	460.52	0.0	461.15	16.62	6.52	1833.41	1822.67
2740.000	220.00	0.0	0.0	446.20	13540.00	464.56	0.0	465.32	18.33	8.18	2840.72	3162.77
2740.000	220.00	0.0	0.0	446.20	17110.00	466.34	0.0	467.23	19.41	9.00	3325.58	3883.28
2740.000	220.00	0.0	0.0	446.20	27500.00	470.44	0.0	471.71	22.34	11.02	4518.02	5818.45
2760.000	20.00	450.00	447.00	446.20	7430.00	460.65	0.0	461.18	16.43	6.50	1841.84	1832.85
2760.000	20.00	450.00	447.00	446.20	13540.00	464.56	0.0	465.32	18.30	8.17	2842.14	3164.81
2760.000	20.00	450.00	447.00	446.20	17110.00	466.34	0.0	467.23	19.39	8.99	3327.26	3885.85
2760.000	20.00	450.00	447.00	446.20	27500.00	470.44	0.0	471.71	22.29	11.01	4521.41	5824.22
3240.000	480.00	0.0	0.0	447.50	7430.00	461.43	0.0	462.17	23.04	7.13	1337.30	1548.05
3240.000	480.00	0.0	0.0	447.50	13540.00	465.40	0.0	466.33	22.00	8.49	2626.92	2986.56
3240.000	480.00	0.0	0.0	447.50	17110.00	467.25	0.0	468.24	21.29	9.00	3326.87	3707.97
3240.000	480.00	0.0	0.0	447.50	27500.00	471.61	0.0	472.74	20.14	10.17	5135.81	6127.65

PRINTED IN U.S.A.

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
4240.000	1000.00	0.0	0.0	449.20	7430.00	463.87	0.0	464.63	26.24	7.29	1342.64	1450.47
4240.000	1000.00	0.0	0.0	449.20	13540.00	467.73	0.0	468.79	26.77	8.98	2228.39	2617.12
4240.000	1000.00	0.0	0.0	449.20	17110.00	469.49	0.0	470.72	27.50	9.80	2661.76	3262.53
4240.000	1000.00	0.0	0.0	449.20	27500.00	473.65	0.0	475.31	29.34	11.73	3769.20	5076.68
5120.000	880.00	0.0	0.0	449.90	7430.00	465.83	0.0	466.26	13.24	5.85	2002.89	2041.76
5120.000	880.00	0.0	0.0	449.90	13540.00	469.93	0.0	470.55	14.76	7.37	3138.41	3524.38
5120.000	880.00	0.0	0.0	449.90	17110.00	471.82	0.0	472.54	15.33	8.04	3751.24	4369.91
5120.000	880.00	0.0	0.0	449.90	27500.00	476.34	0.0	477.26	16.18	9.50	5533.53	6035.61
6340.000	1220.00	0.0	0.0	450.70	7430.00	467.40	0.0	467.85	12.80	6.26	2029.90	2077.15
6340.000	1220.00	0.0	0.0	450.70	13540.00	471.71	0.0	472.39	15.08	8.00	3087.36	3487.06
6340.000	1220.00	0.0	0.0	450.70	17110.00	473.68	0.0	474.47	16.00	8.79	3629.88	4277.96
6340.000	1220.00	0.0	0.0	450.70	27500.00	478.31	0.0	479.39	18.09	10.63	5039.82	6466.50
7020.000	680.00	0.0	0.0	450.90	7430.00	468.27	0.0	468.48	6.54	4.60	3435.52	2905.03
7020.000	680.00	0.0	0.0	450.90	13540.00	472.81	0.0	473.06	6.24	5.32	5750.78	5420.00
7020.000	680.00	0.0	0.0	450.90	17110.00	474.90	0.0	475.16	6.17	5.65	7004.65	6885.44
7020.000	680.00	0.0	0.0	450.90	27500.00	479.83	0.0	480.13	6.03	6.38	10331.31	11195.23
7740.000	720.00	0.0	0.0	451.00	7430.00	468.69	0.0	469.16	10.89	5.91	1893.11	2251.63
7740.000	720.00	0.0	0.0	451.00	13540.00	473.13	0.0	473.80	12.50	7.47	3086.57	3829.49
7740.000	720.00	0.0	0.0	451.00	17110.00	475.17	0.0	475.94	13.15	8.17	3694.36	4718.44
7740.000	720.00	0.0	0.0	451.00	27500.00	479.97	0.0	480.98	14.52	9.78	5284.88	7217.82
8640.000	900.00	0.0	0.0	451.50	7430.00	469.74	0.0	470.15	11.10	5.70	2246.09	2230.51
8640.000	900.00	0.0	0.0	451.50	13540.00	474.38	0.0	474.85	10.55	6.65	390.07	4169.80
8640.000	900.00	0.0	0.0	451.50	17110.00	476.50	0.0	477.02	10.52	7.11	4719.19	5275.38
8640.000	900.00	0.0	0.0	451.50	27500.00	481.51	0.0	482.13	10.63	8.21	6840.80	8434.57
9940.000	1300.00	0.0	0.0	452.80	7430.00	470.99	0.0	471.37	7.98	5.34	2174.76	2629.87
9940.000	1300.00	0.0	0.0	452.80	13540.00	475.61	0.0	476.15	9.17	6.73	3556.24	4472.41
9940.000	1300.00	0.0	0.0	452.80	17110.00	477.75	0.0	478.36	9.65	7.35	4256.78	5509.78
9940.000	1300.00	0.0	0.0	452.80	27500.00	482.77	0.0	483.57	10.64	8.78	6067.71	8432.61
11120.000	1180.00	0.0	0.0	453.20	7430.00	472.98	0.0	472.27	7.08	4.05	2678.20	2792.29
11120.000	1180.00	0.0	0.0	453.20	13540.00	475.83	0.0	477.01	5.60	4.28	4843.41	5722.13
11120.000	1180.00	0.0	0.0	453.20	17110.00	479.03	0.0	479.21	5.20	4.41	5954.36	7506.10
11120.000	1180.00	0.0	0.0	453.20	27500.00	484.21	0.0	484.42	4.62	4.76	8853.35	12799.57
11500.000	380.00	0.0	0.0	453.90	7430.00	472.36	0.0	472.60	9.58	4.67	2318.90	2400.70
11500.000	380.00	0.0	0.0	453.90	13540.00	477.03	0.0	477.29	8.28	5.14	3852.18	4706.63
11500.000	380.00	0.0	0.0	453.90	17110.00	479.21	0.0	479.48	7.93	5.37	4528.85	6077.81
11500.000	380.00	0.0	0.0	453.90	27500.00	484.35	0.0	484.67	7.30	5.89	6752.65	10178.31
11780.000	280.00	0.0	0.0	454.20	7430.00	472.66	0.0	472.80	5.30	3.69	5404.12	3228.37
11780.000	280.00	0.0	0.0	454.20	13540.00	477.32	0.0	477.48	4.77	4.12	10292.42	6197.98
11780.000	280.00	0.0	0.0	454.20	17110.00	479.50	0.0	479.66	4.64	4.33	12665.88	7943.55
11780.000	280.00	0.0	0.0	454.20	27500.00	484.65	0.0	484.84	4.44	4.83	18605.86	13058.21
12220.000	440.00	0.0	0.0	455.00	7430.00	472.91	0.0	473.13	9.29	4.57	3458.27	2437.62
12220.000	440.00	0.0	0.0	455.00	13540.00	477.53	0.0	477.80	9.40	5.45	6244.05	4416.56
12220.000	440.00	0.0	0.0	455.00	17110.00	479.69	0.0	479.98	9.56	5.87	7624.77	5532.50
12220.000	440.00	0.0	0.0	455.00	27500.00	484.81	0.0	485.18	10.15	6.92	11052.26	8633.22

MODE SECURITY SYSTEM, INC. PHOENIX, AZ, USA

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
17.630	327.00	0.0	0.0	459.70	6500.00	479.35	0.0	475.50	8.03	3.15	2307.31	2294.12
17.630	327.00	0.0	0.0	459.70	11850.00	485.47	0.0	485.64	6.12	3.50	4354.47	4789.22
17.630	327.00	0.0	0.0	459.70	15000.00	488.28	0.0	488.47	5.62	3.70	5491.43	6329.45
17.630	327.00	0.0	0.0	459.70	25000.00	493.12	0.0	493.41	6.83	4.69	7716.45	9563.98
20.850	329.00	0.0	0.0	460.60	6500.00	479.60	0.0	479.70	4.03	2.86	3493.87	3239.16
20.850	329.00	0.0	0.0	460.60	11850.00	485.69	0.0	485.80	3.30	3.25	5901.33	6519.77
20.850	329.00	0.0	0.0	460.60	15000.00	488.50	0.0	488.62	3.18	3.47	7138.18	8410.76
20.850	329.00	0.0	0.0	460.60	25000.00	493.41	0.0	493.60	4.09	4.46	9435.88	12362.58
21.850	106.00	0.0	0.0	460.60	6500.00	479.58	0.0	479.83	8.07	4.04	1607.59	2288.74
21.850	106.00	0.0	0.0	460.60	11850.00	485.73	0.0	485.8	3.28	3.25	5919.51	6546.68
21.850	106.00	0.0	0.0	460.60	15000.00	488.53	0.0	488.65	3.16	3.46	7156.57	8439.73
21.850	106.00	0.0	0.0	460.60	25000.00	493.45	0.0	493.65	4.06	4.45	9459.80	12407.33
22.000	16.00	0.0	0.0	459.90	6500.00	479.63	0.0	479.85	7.80	3.83	1696.12	2327.15
22.000	16.00	0.0	0.0	459.90	11850.00	485.61	0.0	485.96	8.28	4.83	3013.48	4117.46
22.000	16.00	0.0	0.0	459.90	15000.00	488.42	0.0	488.78	7.64	5.04	4232.09	5425.73
22.000	16.00	0.0	0.0	459.90	25000.00	493.33	0.0	493.79	8.86	6.13	6438.24	8398.92
22.150	16.00	0.0	0.0	459.90	6500.00	479.64	0.0	479.87	7.78	3.83	1697.44	2329.86
22.150	16.00	0.0	0.0	459.90	11850.00	485.63	0.0	485.98	8.27	4.83	3016.89	4121.05
22.150	16.00	0.0	0.0	459.90	15000.00	488.44	0.0	488.79	7.63	5.04	4235.86	5430.13
22.150	16.00	0.0	0.0	459.90	25000.00	493.34	0.0	493.81	8.85	6.13	6442.80	8405.84
22.300	16.00	0.0	0.0	460.60	6500.00	479.64	0.0	479.89	7.63	3.95	1644.25	2352.66
22.300	16.00	0.0	0.0	460.60	11850.00	485.95	0.0	486.06	3.10	3.18	5972.70	6734.18
22.300	16.00	0.0	0.0	460.60	15000.00	488.75	0.0	488.87	3.00	3.40	7209.11	8655.40
22.300	16.00	0.0	0.0	460.60	25000.00	493.71	0.0	493.90	3.87	4.38	9534.07	12709.06
23.300	106.00	0.0	0.0	460.60	6500.00	479.90	0.0	479.99	3.65	2.76	3589.69	3402.73
23.300	106.00	0.0	0.0	460.60	11850.00	485.98	0.0	486.09	3.08	3.18	5986.81	6755.45
23.300	106.00	0.0	0.0	460.60	15000.00	488.78	0.0	488.90	2.99	3.40	7223.88	8679.01
23.300	106.00	0.0	0.0	460.60	25000.00	493.75	0.0	493.94	3.85	4.37	9553.82	12746.48
29.750	684.00	0.0	0.0	462.20	6500.00	480.18	0.0	480.32	5.64	3.29	2645.81	2737.63
29.750	684.00	0.0	0.0	462.20	11850.00	486.20	0.0	486.34	3.97	3.51	5501.77	5945.39
29.750	684.00	0.0	0.0	462.20	15000.00	488.99	0.0	489.13	3.57	3.63	6952.04	7942.33
29.750	684.00	0.0	0.0	462.20	25000.00	494.02	0.0	494.22	4.12	4.45	9702.66	12318.80
34.250	476.00	0.0	0.0	459.99	6500.00	480.49	0.0	480.55	3.22	1.87	3479.33	3621.74
34.250	476.00	0.0	0.0	459.99	11850.00	486.44	0.0	486.52	2.65	2.22	5339.75	7273.69
34.250	476.00	0.0	0.0	459.99	15000.00	489.21	0.0	489.30	2.71	2.40	6237.86	9109.90
34.250	476.00	0.0	0.0	459.99	25000.00	494.27	0.0	494.42	3.69	3.12	8000.98	13016.83
35.250	100.00	517.30	515.00	460.06	6500.00	480.51	0.0	480.56	3.27	1.87	3462.32	3592.78
35.250	100.00	517.30	515.00	460.06	11850.00	486.46	0.0	486.53	2.68	2.22	5323.56	7241.66
35.250	100.00	517.30	515.00	460.06	15000.00	489.23	0.0	489.32	2.73	2.41	6221.37	9075.18
35.250	100.00	517.30	515.00	460.06	25000.00	494.30	0.0	494.45	3.71	3.13	7987.12	12984.70
37.250	130.00	0.0	0.0	462.20	6500.00	480.50	0.0	480.67	10.03	4.12	3018.23	2052.38
37.250	130.00	0.0	0.0	462.20	11850.00	486.46	0.0	486.61	7.26	4.28	5868.80	4397.32
37.250	130.00	0.0	0.0	462.20	15000.00	489.24	0.0	489.39	6.56	4.39	7321.80	5854.41
37.250	130.00	0.0	0.0	462.20	25000.00	494.34	0.0	494.53	7.54	5.30	10131.77	9104.32

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
54.500	1840.00	0.0	0.0	463.55	6500.00	482.28	0.0	482.48	9.61	4.20	2441.46	2096.58
54.500	1840.00	0.0	0.0	463.55	11850.00	487.90	0.0	488.17	9.56	5.08	4082.57	3832.62
54.500	1840.00	0.0	0.0	463.55	15000.00	490.56	0.0	490.84	9.08	5.34	5499.24	4978.24
54.500	1840.00	0.0	0.0	463.55	25000.00	495.79	0.0	496.11	9.36	6.16	9100.61	8173.16
59.500	515.00	0.0	0.0	464.42	6500.00	482.78	0.0	483.01	10.53	4.33	2358.31	2003.17
59.500	515.00	0.0	0.0	464.42	11850.00	488.40	0.0	488.69	10.30	5.22	3929.59	3692.93
59.500	515.00	0.0	0.0	464.42	15000.00	491.03	0.0	491.33	9.83	5.50	5252.10	4733.71
59.500	515.00	0.0	0.0	464.42	25000.00	496.27	0.0	496.61	10.04	6.32	8813.56	7891.51
65.000	565.00	0.0	0.0	462.50	6500.00	483.41	0.0	483.61	10.77	3.62	1796.13	1980.62
65.000	565.00	0.0	0.0	462.50	11850.00	488.99	0.0	489.29	10.82	4.43	3031.16	3502.32
65.000	565.00	0.0	0.0	462.50	15000.00	491.58	0.0	491.90	9.99	4.67	4268.20	4745.74
65.000	565.00	0.0	0.0	462.50	25000.00	496.81	0.0	497.17	9.54	5.33	7795.59	8095.13
65.500	65.00	0.0	0.0	464.60	6500.00	483.48	0.0	483.68	11.17	3.64	1785.85	1944.75
65.500	65.00	0.0	0.0	464.60	11850.00	489.06	0.0	489.36	12.01	4.45	2665.88	3419.81
65.500	65.00	0.0	0.0	464.60	15000.00	491.63	0.0	491.99	12.01	4.82	3114.15	4327.48
65.500	65.00	0.0	0.0	464.60	25000.00	496.87	0.0	497.24	10.17	5.26	7836.81	7839.46
66.000	50.00	493.20	491.20	464.60	6500.00	483.49	0.0	483.70	11.13	3.63	1788.31	1948.60
66.000	50.00	493.20	491.20	464.60	11850.00	489.08	0.0	489.39	11.95	4.44	2669.74	3427.44
66.000	50.00	493.20	491.20	464.60	15000.00	491.99	0.0	492.34	11.25	4.72	3176.27	4472.30
66.000	50.00	493.20	491.20	464.60	25000.00	497.39	0.0	497.72	9.12	5.06	8324.32	8276.60
66.200	15.00	0.0	0.0	462.50	6500.00	483.52	0.0	483.72	10.54	3.59	1810.52	2002.20
66.200	15.00	0.0	0.0	462.50	11850.00	489.09	0.0	489.41	11.20	4.49	2641.98	3541.3
66.200	15.00	0.0	0.0	462.50	15000.00	492.03	0.0	492.36	9.91	4.68	4032.40	4763.93
66.200	15.00	0.0	0.0	462.50	25000.00	497.39	0.0	497.74	9.09	5.24	8189.09	8290.35
66.700	50.00	493.70	489.60	462.50	6500.00	483.54	0.0	483.74	10.47	3.58	1814.66	2008.42
66.700	50.00	493.70	489.60	462.50	11850.00	489.13	0.0	489.44	11.14	4.48	2646.33	3551.11
66.700	50.00	493.70	489.60	462.50	15000.00	492.43	0.0	492.79	10.03	4.77	3145.68	4736.79
66.700	50.00	493.70	489.60	462.50	25000.00	497.90	0.0	498.22	8.25	5.05	8625.98	8703.96
68.000	230.00	0.0	0.0	465.30	6500.00	483.76	0.0	484.00	11.17	4.48	2346.25	1944.65
68.000	230.00	0.0	0.0	465.30	11850.00	489.39	0.0	489.69	10.85	5.36	3943.23	3597.93
68.000	230.00	0.0	0.0	465.30	15000.00	492.74	0.0	493.01	8.84	5.32	5772.90	5044.62
68.000	230.00	0.0	0.0	465.30	25000.00	498.13	0.0	498.42	8.80	6.03	9539.75	8427.98
78.000	910.00	0.0	0.0	465.34	6500.00	484.71	0.0	484.91	8.98	4.16	2551.52	2169.33
78.000	910.00	0.0	0.0	465.34	11850.00	490.34	0.0	490.59	9.05	5.03	4340.68	3939.22
78.000	910.00	0.0	0.0	465.34	15000.00	493.53	0.0	493.76	7.62	5.03	6251.18	5433.25
78.000	910.00	0.0	0.0	465.34	25000.00	498.92	0.0	499.17	7.75	5.75	10086.87	8981.02
88.500	1136.00	0.0	0.0	466.03	6500.00	485.52	0.0	485.61	4.43	2.66	3787.05	3087.61
88.500	1136.00	0.0	0.0	466.03	11850.00	491.13	0.0	491.23	3.60	2.96	6928.45	6246.75
88.500	1136.00	0.0	0.0	466.03	15000.00	494.20	0.0	494.30	3.09	3.02	9066.49	8531.48
88.500	1136.00	0.0	0.0	466.03	25000.00	499.61	0.0	499.73	3.21	3.53	14444.39	13956.39
91.500	324.00	0.0	0.0	465.60	6500.00	485.66	0.0	485.80	5.66	2.95	2202.72	2732.15
91.500	324.00	0.0	0.0	465.60	11850.00	491.21	0.0	491.45	6.46	3.90	3034.94	4661.15
91.500	324.00	0.0	0.0	465.60	15000.00	494.31	0.0	494.39	2.66	2.76	9460.09	9190.47
91.500	324.00	0.0	0.0	465.60	25000.00	499.73	0.0	499.83	2.84	3.27	14997.28	14828.51

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
92.500	100.00	493.00	488.90	465.60	6500.00	485.69	0.0	485.62	5.63	2.95	2206.27	2739.50
92.500	100.00	493.00	488.90	465.60	11850.00	491.48	0.0	491.71	6.18	3.85	3075.49	4765.43
92.500	100.00	493.00	488.90	465.60	15000.00	494.91	0.0	494.99	2.38	2.65	9963.39	9713.86
92.500	100.00	493.00	488.90	465.60	25000.00	500.02	0.0	500.12	2.71	3.22	15333.39	15138.40
94.000	150.00	0.0	0.0	466.00	6500.00	485.81	0.0	485.90	4.13	2.59	3900.24	3196.75
94.000	150.00	0.0	0.0	466.00	11850.00	491.70	0.0	491.79	3.23	2.85	7236.40	6598.58
94.000	150.00	0.0	0.0	466.00	15000.00	494.94	0.0	495.03	2.72	2.89	9517.45	9096.32
94.000	150.00	0.0	0.0	466.00	25000.00	500.05	0.0	500.17	3.17	3.54	13736.08	14067.78
96.000	200.00	0.0	0.0	466.00	6500.00	485.90	0.0	485.98	4.03	2.57	3947.68	3238.55
96.000	200.00	0.0	0.0	466.00	11850.00	491.77	0.0	491.86	3.18	2.84	7277.63	6643.67
96.000	200.00	0.0	0.0	466.00	15000.00	495.00	0.0	495.08	2.70	2.88	9549.59	9132.59
96.000	200.00	0.0	0.0	466.00	25000.00	500.11	0.0	500.23	3.14	3.53	13783.43	14106.13

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RICHARDSON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.0	7430.00	456.48	0.0	0.0	0.0	543.40	0.0
0.0	13540.00	459.82	3.34	0.0	0.0	601.85	0.0
0.0	17110.00	461.32	1.50	0.0	0.0	639.98	0.0
0.0	27500.00	464.79	3.47	0.0	0.0	922.85	0.0
620.000	7430.00	457.38	0.0	0.90	0.0	205.03	620.00
620.000	13540.00	460.63	3.25	0.81	0.0	258.26	620.00
620.000	17110.00	462.67	1.44	0.75	0.0	276.93	620.00
620.000	27500.00	465.30	3.23	0.51	0.0	318.95	620.00
1140.000	7430.00	458.09	0.0	0.70	0.0	310.97	520.00
1140.000	13540.00	461.77	3.68	1.13	0.0	414.13	520.00
1140.000	17110.00	463.43	1.67	1.36	0.0	427.46	520.00
1140.000	27500.00	467.30	3.87	2.00	0.0	458.43	520.00
1900.000	7430.00	459.13	0.0	1.05	0.0	244.39	760.00
1900.000	13540.00	462.91	3.77	1.14	0.0	324.12	760.00
1900.000	17110.00	464.60	1.69	1.17	0.0	367.33	760.00
1900.000	27500.00	468.55	3.94	1.25	0.0	451.58	760.00
2520.000	7430.00	460.13	0.0	1.00	0.0	240.78	620.00
2520.000	13540.00	464.02	3.89	1.12	0.0	264.14	620.00
2520.000	17110.00	465.76	1.74	1.16	0.0	274.58	620.00
2520.000	27500.00	469.76	3.99	1.21	0.0	298.54	620.00
2740.000	7430.00	460.62	0.0	0.49	0.0	243.70	220.00
2740.000	13540.00	464.56	3.94	0.54	0.0	267.35	220.00
2740.000	17110.00	466.34	1.78	0.57	0.0	278.02	220.00
2740.000	27500.00	470.44	4.10	0.68	0.0	307.48	220.00
2760.000	7430.00	460.65	0.0	0.03	0.0	243.90	20.00
2760.000	13540.00	464.56	3.91	0.00	0.0	267.38	20.00
2760.000	17110.00	466.34	1.78	0.00	0.0	278.05	20.00
2760.000	27500.00	470.44	4.10	0.00	0.0	307.66	20.00
3240.000	7430.00	461.43	0.0	0.78	0.0	248.81	480.00
3240.000	13540.00	465.40	3.98	0.84	0.0	369.14	480.00
3240.000	17110.00	467.25	1.84	0.91	0.0	390.34	480.00
3240.000	27500.00	471.61	4.36	1.17	0.0	435.49	480.00
4240.000	7430.00	463.87	0.0	2.44	0.0	216.39	1000.00
4240.000	13540.00	467.73	3.87	2.33	0.0	241.02	1000.00
4240.000	17110.00	469.49	1.76	2.24	0.0	251.86	1000.00
4240.000	27500.00	473.65	4.16	2.04	0.0	280.58	1000.00
5120.000	7430.00	465.83	0.0	1.96	0.0	252.65	880.00
5120.000	13540.00	469.93	4.10	2.19	0.0	307.13	880.00
5120.000	17110.00	471.82	1.90	2.33	0.0	339.59	880.00
5120.000	27500.00	476.34	4.52	2.68	0.0	523.51	880.00
6340.000	7430.00	467.40	0.0	1.57	0.0	226.57	1220.00
6340.000	13540.00	471.71	4.31	1.78	0.0	265.27	1220.00
6340.000	17110.00	473.68	1.97	1.86	0.0	283.08	1220.00
6340.000	27500.00	478.31	4.63	1.98	0.0	324.83	1220.00

RICHARDSON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.0	7430.00	456.48	0.0	0.0	0.0	543.40	0.0
0.0	13540.00	459.82	3.34	0.0	0.0	601.85	0.0
0.0	17110.00	461.32	1.50	0.0	0.0	639.98	0.0
0.0	27500.00	464.79	3.47	0.0	0.0	922.85	0.0
620.000	7430.00	457.38	0.0	0.90	0.0	205.03	620.00
620.000	13540.00	460.63	3.25	0.81	0.0	258.26	620.00
620.000	17110.00	462.67	1.44	0.75	0.0	276.93	620.00
620.000	27500.00	465.30	3.23	0.51	0.0	318.95	620.00
1140.000	7430.00	458.09	0.0	0.70	0.0	310.97	520.00
1140.000	13540.00	461.77	3.68	1.13	0.0	414.13	520.00
1140.000	17110.00	463.43	1.67	1.36	0.0	427.46	520.00
1140.000	27500.00	467.30	3.87	2.00	0.0	458.43	520.00
1900.000	7430.00	459.13	0.0	1.05	0.0	244.39	760.00
1900.000	13540.00	462.91	3.77	1.14	0.0	324.12	760.00
1900.000	17110.00	464.60	1.69	1.17	0.0	367.33	760.00
1900.000	27500.00	468.55	3.94	1.25	0.0	451.58	760.00
2520.000	7430.00	460.13	0.0	1.00	0.0	240.78	620.00
2520.000	13540.00	464.02	3.89	1.12	0.0	264.14	620.00
2520.000	17110.00	465.76	1.74	1.16	0.0	274.58	620.00
2520.000	27500.00	469.76	3.99	1.21	0.0	298.54	620.00
2740.000	7430.00	460.62	0.0	0.49	0.0	243.70	220.00
2740.000	13540.00	464.56	3.94	0.54	0.0	267.35	220.00
2740.000	17110.00	466.34	1.78	0.57	0.0	278.02	220.00
2740.000	27500.00	470.44	4.10	0.68	0.0	307.48	220.00
2760.000	7430.00	460.65	0.0	0.03	0.0	243.90	20.00
2760.000	13540.00	464.56	3.91	0.00	0.0	267.38	20.00
2760.000	17110.00	466.34	1.78	0.00	0.0	278.05	20.00
2760.000	27500.00	470.44	4.10	0.00	0.0	307.66	20.00
3240.000	7430.00	461.43	0.0	0.78	0.0	248.81	480.00
3240.000	13540.00	465.40	3.98	0.84	0.0	369.14	480.00
3240.000	17110.00	467.25	1.84	0.91	0.0	390.34	480.00
3240.000	27500.00	471.61	4.36	1.17	0.0	435.49	480.00
4240.000	7430.00	463.87	0.0	2.44	0.0	216.39	1000.00
4240.000	13540.00	467.73	3.87	2.33	0.0	241.02	1000.00
4240.000	17110.00	469.49	1.76	2.24	0.0	251.86	1000.00
4240.000	27500.00	473.65	4.16	2.04	0.0	280.58	1000.00
5120.000	7430.00	465.83	0.0	1.96	0.0	252.65	880.00
5120.000	13540.00	469.93	4.10	2.19	0.0	307.13	880.00
5120.000	17110.00	471.82	1.90	2.33	0.0	339.59	880.00
5120.000	27500.00	476.34	4.52	2.68	0.0	523.51	880.00
6340.000	7430.00	467.40	0.0	1.57	0.0	226.57	1220.00
6340.000	13540.00	471.71	4.31	1.78	0.0	265.27	1220.00
6340.000	17110.00	473.68	1.97	1.86	0.0	283.08	1220.00
6340.000	27500.00	478.31	4.63	1.98	0.0	324.83	1220.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
7020.000	7430.00	468.27	0.0	0.87	0.0	468.52	680.00
7020.000	13540.00	472.81	4.55	1.11	0.0	571.26	680.00
7020.000	17110.00	474.90	2.09	1.22	0.0	625.46	680.00
7020.000	27500.00	479.83	4.93	1.52	0.0	716.01	680.00
7740.000	7430.00	468.69	0.0	0.42	0.0	240.43	720.00
7740.000	13540.00	473.13	4.44	0.32	0.0	288.05	720.00
7740.000	17110.00	475.17	2.04	0.27	0.0	307.94	720.00
7740.000	27500.00	479.97	4.89	0.14	0.0	354.74	720.00
8640.000	7430.00	469.74	0.0	1.05	0.0	335.76	900.00
8640.000	13540.00	474.38	4.64	1.24	0.0	376.10	900.00
8640.000	17110.00	476.50	2.13	1.33	0.0	393.64	900.00
8640.000	27500.00	481.51	5.01	1.54	0.0	461.21	900.00
9940.000	7430.00	470.99	0.0	1.25	0.0	278.66	1300.00
9940.000	13540.00	475.61	4.62	1.24	0.0	319.11	1300.00
9940.000	17110.00	477.75	2.13	1.24	0.0	337.77	1300.00
9940.000	27500.00	482.77	5.02	1.26	0.0	384.49	1300.00
11120.000	7430.00	472.08	0.0	1.09	0.0	421.08	1180.00
11120.000	13540.00	476.83	4.75	1.22	0.0	489.76	1180.00
11120.000	17110.00	479.03	2.20	1.28	0.0	521.49	1180.00
11120.000	27500.00	484.21	5.19	1.45	0.0	596.41	1180.00
11500.000	7430.00	472.36	0.0	0.28	0.0	310.71	380.00
11500.000	13540.00	477.03	4.68	0.20	0.0	345.74	380.00
11500.000	17110.00	479.21	2.17	0.18	0.0	375.29	380.00
11500.000	27500.00	484.35	5.15	0.14	0.0	446.55	380.00
11780.000	7430.00	472.66	0.0	0.30	0.0	1022.26	280.00
11780.000	13540.00	477.32	4.66	0.29	0.0	1073.57	280.00
11780.000	17110.00	479.50	2.18	0.29	0.0	1113.99	280.00
11780.000	27500.00	484.65	5.15	0.30	0.0	1187.80	280.00
12220.000	7430.00	472.91	0.0	0.25	0.0	576.52	440.00
12220.000	13540.00	477.53	4.62	0.21	0.0	628.72	440.00
12220.000	17110.00	479.69	2.16	0.20	0.0	648.27	440.00
12220.000	27500.00	484.81	5.12	0.16	0.0	691.34	440.00
13180.000	7300.00	473.86	0.0	0.94	0.0	256.75	960.00
13180.000	13300.00	478.45	4.60	0.92	0.0	412.18	960.00
13180.000	16800.00	480.61	2.16	0.92	0.0	436.07	960.00
13180.000	27000.00	485.75	5.13	0.93	0.0	492.92	960.00
13740.000	7300.00	474.64	0.0	0.78	0.0	346.16	560.00
13740.000	13300.00	479.20	4.56	0.75	0.0	404.81	560.00
13740.000	16800.00	481.31	2.11	0.70	0.0	477.66	560.00
13740.000	27000.00	486.38	5.06	0.63	0.0	618.48	560.00
14740.000	7300.00	475.53	0.0	0.89	0.0	221.33	1000.00
14740.000	13300.00	480.08	4.55	0.88	0.0	261.51	1000.00
14740.000	16800.00	482.17	2.09	0.85	0.0	275.26	1000.00
14740.000	27000.00	487.10	4.93	0.72	0.0	312.88	1000.00

10000 BUSINESS FORMS, INC. 10000 BUSINESS FORMS, INC. 10000 BUSINESS FORMS, INC.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
15780.000	7300.00	476.50	0.0	0.97	0.0	212.71	1040.00
15780.000	13300.00	481.30	4.80	1.22	0.0	277.54	1040.00
15780.000	16800.00	483.50	2.20	1.33	0.0	307.20	1040.00
15780.000	27000.00	488.67	5.17	1.57	0.0	377.03	1040.00
16720.000	7300.00	477.72	0.0	1.23	0.0	244.40	940.00
16720.000	13300.00	482.81	5.08	1.51	0.0	298.06	940.00
16720.000	16800.00	485.11	2.30	1.61	0.0	321.11	940.00
16720.000	27000.00	490.50	5.38	1.83	0.0	370.00	940.00
17000.000	7300.00	478.11	0.0	0.39	0.0	349.59	280.00
17000.000	13300.00	483.30	5.19	0.49	0.0	414.37	280.00
17000.000	16800.00	485.65	2.35	0.54	0.0	463.75	280.00
17000.000	27000.00	491.16	5.51	0.67	0.0	594.97	280.00
5.750	6500.00	476.55	0.0	0.44	0.0	164.54	640.00
5.750	11850.00	483.75	5.19	0.45	0.0	168.00	640.00
5.750	15000.00	486.11	2.39	0.48	0.0	410.54	640.00
5.750	25000.00	491.65	5.51	0.48	0.0	495.95	640.00
6.250	6500.00	478.16	0.0	0.01	0.0	164.43	50.00
6.250	11850.00	484.10	6.24	1.05	0.0	168.00	50.00
6.250	15000.00	487.74	2.94	1.60	0.0	430.89	50.00
6.250	25000.00	492.44	4.71	0.80	0.0	504.67	50.00
8.000	6500.00	478.68	0.0	0.12	0.0	303.94	170.00
8.000	11850.00	484.96	6.28	0.16	0.0	401.16	170.00
8.000	15000.00	487.81	2.85	0.07	0.0	445.02	170.00
8.000	25000.00	492.53	4.73	0.09	0.0	502.22	170.00
11.210	6500.00	478.88	0.0	0.20	0.0	298.03	327.00
11.210	11850.00	485.11	6.23	0.16	0.0	394.79	327.00
11.210	15000.00	487.95	2.84	0.14	0.0	438.22	327.00
11.210	25000.00	492.72	4.77	0.18	0.0	497.51	327.00
14.420	6500.00	479.10	0.0	0.22	0.0	290.72	327.00
14.420	11850.00	485.28	6.18	0.17	0.0	388.23	327.00
14.420	15000.00	488.11	2.83	0.16	0.0	431.67	327.00
14.420	25000.00	492.92	4.81	0.20	0.0	493.00	327.00
17.630	6500.00	479.35	0.0	0.24	0.0	281.19	327.00
17.630	11850.00	485.47	6.12	0.19	0.0	382.15	327.00
17.630	15000.00	488.28	2.81	0.17	0.0	425.37	327.00
17.630	25000.00	493.12	4.84	0.21	0.0	488.66	327.00
20.850	6500.00	479.60	0.0	0.25	0.0	364.57	329.00
20.850	11850.00	485.69	6.09	0.22	0.0	426.30	329.00
20.850	15000.00	488.50	2.81	0.22	0.0	454.76	329.00
20.850	25000.00	493.41	4.91	0.29	0.0	470.00	329.00
21.850	6500.00	479.58	0.0	-0.02	0.0	108.00	106.00
21.850	11850.00	485.73	6.14	0.04	0.0	426.73	106.00
21.850	15000.00	488.53	2.81	0.03	0.0	455.17	106.00
21.850	25000.00	493.45	4.92	0.04	0.0	470.00	106.00

SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
22.000	6500.00	479.63	0.0	0.05	0.0	198.76	16.00
22.000	11850.00	485.61	5.99	-0.11	0.0	384.52	16.00
22.000	15000.00	488.42	2.81	-0.11	0.0	450.00	16.00
22.000	25000.00	493.33	4.90	-0.13	0.0	450.00	16.00
22.150	6500.00	479.64	0.0	0.01	0.0	108.77	16.00
22.150	11850.00	485.63	5.99	0.01	0.0	384.94	16.00
22.150	15000.00	488.44	2.81	0.01	0.0	450.00	16.00
22.150	25000.00	493.34	4.90	0.01	0.0	450.00	16.00
22.300	6500.00	479.64	0.0	0.00	0.0	110.00	16.00
22.300	11850.00	485.95	6.30	0.32	0.0	426.44	16.00
22.300	15000.00	488.75	2.80	0.31	0.0	456.54	16.00
22.300	25000.00	493.71	4.97	0.37	0.0	470.00	16.00
23.300	6500.00	479.90	0.0	0.25	0.0	361.55	106.00
23.300	11850.00	485.98	6.08	0.03	0.0	426.79	106.00
23.300	15000.00	488.78	2.80	0.03	0.0	456.89	106.00
23.300	25000.00	493.75	4.97	0.04	0.0	470.00	106.00
29.750	6500.00	480.18	0.0	0.28	0.0	423.23	684.00
29.750	11850.00	486.20	6.02	0.22	0.0	507.01	684.00
29.750	15000.00	488.20	2.79	0.21	0.0	531.44	684.00
29.750	25000.00	494.02	5.03	0.27	0.0	561.50	684.00
34.250	6500.00	480.49	0.0	0.32	0.0	310.80	476.00
34.250	11850.00	486.44	5.94	0.24	0.0	315.91	476.00
34.250	15000.00	489.21	2.77	0.22	0.0	332.88	476.00
34.250	25000.00	494.27	5.06	0.25	0.0	363.90	476.00
35.250	6500.00	480.51	0.0	0.02	0.0	310.76	100.00
35.250	11850.00	486.46	5.95	0.02	0.0	315.60	100.00
35.250	15000.00	489.23	2.77	0.02	0.0	332.58	100.00
35.250	25000.00	494.30	5.07	0.03	0.0	363.66	100.00
37.250	6500.00	480.50	0.0	-0.01	0.0	430.23	130.00
37.250	11850.00	486.46	5.96	0.00	0.0	509.40	130.00
37.250	15000.00	489.24	2.78	0.01	0.0	534.06	130.00
37.250	25000.00	494.34	5.10	0.04	0.0	567.71	130.00
54.500	6500.00	482.28	0.0	1.78	0.0	227.57	1840.00
54.500	11850.00	487.90	5.62	1.44	0.0	418.68	1840.00
54.500	15000.00	490.56	2.66	1.31	0.0	619.07	1840.00
54.500	25000.00	495.79	5.23	1.45	0.0	736.81	1840.00
59.500	6500.00	482.78	0.0	0.51	0.0	223.91	515.00
59.500	11850.00	488.40	5.61	0.50	0.0	394.72	515.00
59.500	15000.00	491.03	2.63	0.47	0.0	606.91	515.00
59.500	25000.00	496.27	5.24	0.48	0.0	731.19	515.00
65.000	6500.00	483.41	0.0	0.62	0.0	139.51	565.00
65.000	11850.00	488.99	5.58	0.59	0.0	376.61	565.00
65.000	15000.00	491.58	2.59	0.55	0.0	597.99	565.00
65.000	25000.00	496.81	5.23	0.54	0.0	726.89	565.00

SECNO Q CWSEL DIFWSP DIFWSX DIFKWS TOPWID XLCH

65.500 6500.00 483.48 0.0 0.07 0.0 146.09 65.00
 65.500 11850.00 489.06 5.58 0.07 0.0 168.43 65.00
 65.500 15000.00 491.63 2.57 0.05 0.0 174.80 65.00
 65.500 25000.00 496.87 5.25 0.06 0.0 942.17 65.00

66.000 6500.00 483.49 0.0 0.02 0.0 146.16 50.00
 66.000 11850.00 489.08 5.59 0.02 0.0 168.47 50.00
 66.000 15000.00 491.99 2.91 0.36 0.0 174.80 50.00
 66.000 25000.00 497.39 5.40 0.51 0.0 963.91 50.00

66.200 6500.00 483.52 0.0 0.02 0.0 140.02 15.00
 66.200 11850.00 489.09 5.58 0.01 0.0 151.60 15.00
 66.200 15000.00 492.03 2.94 0.04 0.0 623.31 15.00
 66.200 25000.00 497.39 5.36 0.01 0.0 865.50 15.00

66.700 6500.00 483.54 0.0 0.02 0.0 140.16 50.00
 66.700 11850.00 489.13 5.59 0.03 0.0 151.00 50.00
 66.700 15000.00 492.43 3.31 0.40 0.0 151.00 50.00
 66.700 25000.00 497.90 5.47 0.51 0.0 881.76 50.00

68.000 6500.00 483.76 0.0 0.23 0.0 225.05 230.00
 68.000 11850.00 489.39 5.63 0.27 0.0 406.85 230.00
 68.000 15000.00 492.74 3.35 0.31 0.0 638.24 230.00
 68.000 25000.00 498.13 5.39 0.23 0.0 743.85 230.00

78.000 6500.00 484.71 0.0 0.95 0.0 233.93 910.00
 78.000 11850.00 490.34 5.63 0.95 0.0 466.43 910.00
 78.000 15000.00 493.53 3.19 0.78 0.0 658.11 910.00
 78.000 25000.00 498.92 5.39 0.79 0.0 754.32 910.00

88.500 6500.00 485.52 0.0 0.81 0.0 520.39 1136.00
 88.500 11850.00 491.13 5.60 0.79 0.0 610.79 1136.00
 88.500 15000.00 494.20 3.08 0.68 0.0 769.12 1136.00
 88.500 25000.00 499.61 5.41 0.70 0.0 1092.36 1136.00

91.500 6500.00 485.66 0.0 0.14 0.0 150.00 324.00
 91.500 11850.00 491.21 5.55 0.08 0.0 150.00 324.00
 91.500 15000.00 494.31 3.10 0.11 0.0 768.65 324.00
 91.500 25000.00 499.73 5.41 0.11 0.0 1151.75 324.00

92.500 6500.00 485.69 0.0 0.02 0.0 150.00 100.00
 92.500 11850.00 491.48 5.79 0.27 0.0 150.00 100.00
 92.500 15000.00 494.91 3.43 0.60 0.0 908.39 100.00
 92.500 25000.00 500.02 5.11 0.29 0.0 1161.97 100.00

94.000 6500.00 485.81 0.0 0.13 0.0 524.83 150.00
 94.000 11850.00 491.70 5.89 0.22 0.0 633.22 150.00
 94.000 15000.00 494.94 3.24 0.03 0.0 751.77 150.00
 94.000 25000.00 500.05 5.11 0.03 0.0 900.00 150.00

96.000 6500.00 485.90 0.0 0.08 0.0 526.95 200.00
 96.000 11850.00 491.77 5.87 0.06 0.0 636.48 200.00
 96.000 15000.00 495.00 3.23 0.05 0.0 753.02 200.00
 96.000 25000.00 500.11 5.11 0.06 0.0 900.00 200.00

SUMMARY OF ERRORS

FLOOD INSURANCE ZONE DATA FOR RICHARDSON CREEK

FLOOD HAZARD FACTOR FOR ENTIRE PEACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10-	2-	0.2-

0.0	0.	-4.84	-1.50	3.47
620.000	620.	-4.69	-1.44	3.23
1140.000	1140.	-5.35	-1.67	3.87
1900.000	1900.	-5.47	-1.69	3.94
2520.000	2520.	-5.63	-1.74	3.99
2740.000	2740.	-5.72	-1.78	4.10
2760.000	2760.	-5.69	-1.78	4.10
3240.000	3240.	-5.82	-1.84	4.36
4240.000	4240.	-5.62	-1.76	4.16
5120.000	5120.	-5.99	-1.90	4.52
6340.000	6340.	-6.28	-1.97	4.63
7020.000	7020.	-6.64	-2.09	4.93
7740.000	7740.	-6.48	-2.04	4.80
8640.000	8640.	-6.76	-2.13	5.01
9940.000	9940.	-6.76	-2.13	5.02
11120.000	11120.	-6.95	-2.20	5.19
11500.000	11500.	-6.85	-2.17	5.15
11780.000	11780.	-6.84	-2.18	5.15
12220.000	12220.	-6.78	-2.16	5.12
13180.000	13180.	-6.76	-2.16	5.13
13740.000	13740.	-6.67	-2.11	5.06
14740.000	14740.	-6.63	-2.09	4.93
15780.000	15780.	-7.00	-2.20	5.17
16720.000	16720.	-7.39	-2.30	5.38
17000.000	17000.	-7.54	-2.35	5.51
5.750	17640.	-7.58	-2.39	5.51
6.250	17690.	-9.17	-2.94	4.71
8.000	17860.	-9.13	-2.85	4.73
11.210	18187.	-9.07	-2.84	4.77
14.420	18514.	-9.01	-2.83	4.81
17.630	18841.	-8.93	-2.81	4.84
20.850	19170.	-8.90	-2.81	4.91
21.850	19276.	-8.95	-2.81	4.92
22.000	19292.	-8.80	-2.81	4.90
22.150	19308.	-8.80	-2.81	4.90
22.300	19324.	-9.10	-2.80	4.97
23.300	19430.	-8.88	-2.80	4.97
29.750	20114.	-8.81	-2.79	5.03
34.250	20590.	-8.71	-2.77	5.06
35.250	20690.	-8.72	-2.77	5.07
37.250	20820.	-8.74	-2.78	5.10
54.500	22660.	-8.28	-2.56	5.23
59.500	23175.	-8.24	-2.63	5.24
65.000	23740.	-8.17	-2.59	5.23
65.500	23805.	-8.15	-2.57	5.25
66.000	23855.	-8.50	-2.91	5.40
66.200	23870.	-8.51	-2.94	5.36
66.700	23920.	-8.89	-3.31	5.47
68.000	24150.	-8.98	-3.35	5.39
78.000	25060.	-8.82	-3.19	5.39
88.500	26196.	-8.68	-3.08	5.41
91.500	26520.	-8.65	-3.10	5.41
92.500	26620.	-9.23	-3.43	5.11
94.000	26770.	-9.13	-3.24	5.11
96.000	26970.	-9.10	-3.23	5.11

WEIGHTED AVG FOR REACH -7.20 -2.32 4.88

PHF FOR THE REACH = 070 WITH 95.8% OF THE REACH WITHIN 2.0 FEET
ZONE FOR THE REACH = A14

SCOTT BARBER & ASSOCIATES, INC. PRINTED IN USA

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

RICHARDSON CREEK
 FLOODWAY

T1 CITY OF MONROE, NC
 T2 100 YEAR NATURAL PROFILE
 T3 RICHARDSON CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	4.	0.	0.	0.0	0.0	0.0	0.	461,320	0.0

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ET	0.0	0.0	0.0	0.0	0.0	0.0	9.400	0.0	0.0	0.0	0.0
HC	0.120	0.120	0.050	0.100	0.300	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	7430.000	13540.000	17110.000	27500.000	17110.000	0.0	0.0	0.0	0.0	

X1	0.0	19.000	810.000	880.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	480.000	65.000	470.000	135.000	466.000	180.000	464.000	240.000	462.000	470.000
GR	460.000	515.000	456.000	565.000	454.000	645.000	452.000	755.000	450.000	770.000
GR	448.000	810.000	441.300	830.000	441.300	860.000	450.000	850.000	454.000	920.000
GR	456.000	1100.000	460.000	1120.000	470.000	1160.000	480.000	1220.000	0.0	0.0

X1	620.000	15.000	535.000	620.000	620.000	620.000	620.000	0.0	0.0	0.0
GR	484.000	100.000	478.000	180.000	470.000	320.000	460.000	430.000	458.000	455.000
GR	450.000	510.000	448.000	535.000	444.500	540.000	442.400	547.000	442.400	592.000
GR	444.500	600.000	450.000	620.000	460.000	680.000	470.000	700.000	480.000	735.000
ET	0.0	0.0	0.0	0.0	0.0	6.400	0.0	0.0	0.0	0.0

X1	1140.000	17.000	415.000	490.000	520.000	520.000	520.000	0.0	0.0	0.0
GR	480.000	50.000	470.000	80.000	460.000	130.000	458.000	215.000	456.000	265.000
GR	454.000	305.000	452.000	370.000	450.000	395.000	448.000	415.000	445.000	430.000
GR	443.100	431.000	443.100	475.000	445.000	476.000	450.000	490.000	460.000	530.000
GR	470.000	560.000	480.000	615.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	1900.000	17.000	565.000	650.000	760.000	760.000	760.000	0.0	0.0	0.0
GR	480.000	115.000	478.000	130.000	472.000	185.000	468.000	265.000	466.000	295.000
GR	462.000	385.000	460.000	420.000	454.000	510.000	452.000	565.000	450.000	580.000
GR	446.500	595.000	444.500	596.000	444.500	645.000	450.000	650.000	460.000	680.000
GR	470.000	710.000	480.000	725.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	2520.000	20.000	510.000	580.000	620.000	620.000	620.000	0.0	0.0	0.0
GR	480.000	110.000	478.000	135.000	476.000	220.000	470.000	310.000	460.000	360.000
GR	458.000	365.000	455.000	375.000	456.000	435.000	452.000	495.000	450.000	510.000

MONROE BUSINESS CENTER, INC.

GR	450.000	512.400	447.500	519.000	446.600	522.000	446.200	542.000	447.200	567.000
GR	450.000	572.300	454.100	580.000	460.000	600.000	470.000	610.000	480.000	630.000
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0
X1	2740.000	0.0	0.0	0.0	220.000	220.000	220.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	447.000	447.000	0.0
SB	1.250	1.560	3.000	0.0	0.001	0.000	0.001	0.0	0.0	0.0
X1	2760.000	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	447.000	450.000	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	450.000	450.000	0.0
BT	13.000	310.000	470.000	0.0	360.000	460.000	0.0	365.000	450.000	0.0
BT	375.000	456.000	0.0	435.000	456.000	0.0	495.000	452.000	0.0	510.000
BT	450.900	0.0	512.400	450.000	0.0	572.300	450.000	0.0	580.000	454.100
BT	0.0	600.000	460.000	0.0	610.000	470.000	0.0	630.000	480.000	0.0
NC	0.0	0.0	0.0	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	5.400	0.0	0.0	0.0	0.0
X1	3240.000	15.000	710.000	295.000	480.000	480.000	480.000	0.0	0.0	0.0
GR	482.000	70.000	462.000	150.000	460.000	170.000	458.000	195.000	456.000	210.000
GR	452.000	225.000	447.900	239.000	447.500	258.000	448.200	280.000	455.100	295.000
GR	460.000	340.000	462.000	430.000	464.000	495.000	470.000	540.000	478.000	575.000
X1	4230.000	13.000	80.000	164.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	480.000	40.000	460.000	80.000	454.000	108.000	450.100	111.000	449.200	132.000
GR	449.700	153.000	458.200	164.000	460.000	200.000	462.000	270.000	464.000	290.000
GR	470.000	315.000	474.000	335.000	484.000	440.000	0.0	0.0	0.0	0.0
X1	5120.000	21.000	995.000	1070.000	880.000	880.000	880.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	486.000	40.000	482.000	130.000	480.000	160.000	478.000	270.000	476.000	650.000
GR	474.000	725.000	468.000	810.000	460.000	880.000	458.000	920.000	456.000	940.000
GR	458.000	960.000	460.000	965.000	461.500	960.000	460.000	995.000	450.900	1011.000
GR	449.900	1035.000	450.500	1055.000	460.000	1070.000	470.000	1090.000	480.000	1120.000
GR	488.000	1140.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	6340.000	15.000	290.000	346.000	1220.000	1220.000	1220.000	0.0	0.0	0.0
GR	490.000	0.0	470.000	160.000	460.000	220.000	458.000	260.000	455.200	290.000
GR	451.600	294.000	450.700	315.000	451.000	336.000	459.600	346.000	460.000	380.000
GR	470.000	410.000	480.000	420.000	482.000	430.000	484.000	455.000	486.000	495.000
X1	7020.000	17.000	750.000	815.000	680.000	680.000	680.000	0.0	0.0	0.0
GR	484.000	95.000	478.000	165.000	474.000	240.000	470.000	350.000	466.000	385.000
GR	464.000	420.000	462.000	625.000	460.000	680.000	458.000	715.000	455.900	750.000
GR	451.900	755.000	450.900	775.000	451.300	798.000	460.000	815.000	480.000	860.000
GR	482.000	900.000	490.000	925.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	7740.000	17.000	325.000	393.000	720.000	720.000	720.000	0.0	0.0	0.0
GR	484.000	80.000	480.000	115.000	472.000	185.000	470.000	195.000	466.000	240.000
GR	464.000	285.000	462.000	315.000	460.000	325.000	451.900	339.000	451.000	361.000
GR	451.500	382.000	459.000	393.000	460.000	420.000	466.000	445.000	470.000	460.000
GR	480.000	470.000	490.000	500.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	9.400	0.0	0.0	0.0	0.0
X1	8640.000	17.000	480.000	550.000	900.000	900.000	900.000	0.0	0.0	0.0
GR	490.000	0.0	484.000	105.000	478.000	190.000	470.000	240.000	466.000	295.000
GR	464.000	440.000	462.000	480.000	458.000	496.700	452.100	500.000	451.500	517.000

MOORE BUSINESS FORMS CO. PRINTED IN U.S.A.

GR	451,700	535,000	466,000	550,000	464,000	550,000	466,000	570,000	470,000	580,000
GR	480,000	500,000	490,000	610,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	9940,000	15,000	155,000	225,000	1300,000	1300,000	1300,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	50,000	470,000	90,000	464,000	135,000	460,000	145,000
GR	459,000	155,000	453,700	161,000	452,800	181,000	453,000	208,000	460,000	225,000
GR	464,000	245,000	466,000	260,000	468,000	330,000	470,000	360,000	490,000	455,000
NC	0,070	0,100	0,060	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	11120,000	13,000	475,000	560,000	1180,000	1180,000	1180,000	0,0	0,0	0,0
GR	490,000	0,0	472,000	215,000	470,000	250,000	468,000	420,000	466,000	445,000
GR	460,000	475,000	454,200	485,000	453,200	509,000	454,000	535,000	460,000	542,000
GR	464,000	560,000	470,000	630,000	490,000	680,000	0,0	0,0	0,0	0,0

X1	11500,000	15,000	400,000	462,000	380,000	380,000	380,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	110,000	478,000	145,000	468,000	210,000	468,000	325,000
GR	464,000	375,000	450,200	400,000	454,400	406,000	453,900	422,000	454,000	442,000
GR	464,800	462,000	466,000	480,000	470,000	490,000	480,000	500,000	490,000	520,000
NH	4,000	0,070	385,000	0,060	460,000	0,100	590,000	10,000	1260,000	0,0

X1	11780,000	15,000	385,000	460,000	280,000	280,000	280,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	110,000	478,000	145,000	468,000	210,000	468,000	335,000
GR	460,500	385,000	455,200	400,000	454,200	420,000	455,000	446,000	460,000	460,000
GR	466,000	490,000	468,000	590,000	470,000	1190,000	480,000	1235,000	490,000	1260,000
NH	4,000	0,100	85,000	0,060	150,000	0,150	455,000	10,000	735,000	0,0

X1	12220,000	14,000	85,000	150,000	440,000	440,000	440,000	0,0	0,0	0,0
GR	490,000	0,0	470,000	60,000	464,000	85,000	455,200	93,000	455,000	110,000
GR	455,900	131,000	462,000	150,000	464,000	205,000	466,000	319,000	470,000	430,000
GR	472,000	455,000	472,000	620,000	478,000	670,000	490,000	735,000	0,0	0,0
NC	0,120	0,090	0,060	0,0	0,0	0,0	0,0	0,0	0,0	0,0
QT	5,000	7300,000	13300,000	16800,000	27000,000	16800,000	0,0	0,0	0,0	0,0

X1	13180,000	12,000	90,000	161,000	960,000	960,000	960,000	0,0	0,0	0,0
GR	490,000	0,0	470,000	50,000	464,400	90,000	455,700	99,000	455,500	115,000
GR	456,300	136,000	465,600	161,000	470,000	190,000	472,000	260,000	474,000	300,000
GR	476,000	420,000	490,000	540,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	13740,000	14,000	110,000	185,000	560,000	560,000	560,000	0,0	0,0	0,0
GR	490,000	0,0	470,000	80,000	465,000	110,000	456,100	115,000	456,000	138,000
GR	457,000	168,000	466,000	185,000	470,000	220,000	472,000	265,000	472,000	390,000
GR	478,000	430,000	480,000	460,000	482,000	540,000	490,000	710,000	0,0	0,0
NC	0,130	0,130	0,060	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	14740,000	13,000	109,000	200,000	1000,000	1000,000	1000,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	20,000	472,000	55,000	468,000	80,000	465,300	109,000
GR	456,900	129,000	456,400	148,000	457,500	176,000	466,000	200,000	470,000	225,000
GR	472,000	245,000	482,000	290,000	490,000	335,000	0,0	0,0	0,0	0,0
NC	0,150	0,150	0,070	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	15780,000	12,000	245,000	310,000	1040,000	1040,000	1040,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	110,000	476,000	150,000	468,000	210,000	464,100	245,000
GR	456,900	252,000	457,500	275,000	457,500	295,000	463,000	310,000	470,000	335,000
GR	480,000	370,000	490,000	395,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	16720,000	13,000	205,000	270,000	940,000	940,000	940,000	0,0	0,0	0,0
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 BOOK BINDING NORMAL, N.C.

GR	451,700	535,000	466,000	550,000	464,000	560,000	466,000	570,000	470,000	580,000
GR	480,000	500,000	490,000	610,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	9940,000	15,000	155,000	225,000	1300,000	1300,000	1300,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	50,000	470,000	90,000	464,000	135,000	460,000	145,000
GR	459,000	155,000	453,700	161,000	452,800	181,000	453,000	208,000	460,000	225,000
GR	464,000	245,000	466,000	260,000	468,000	330,000	470,000	360,000	490,000	455,000
NC	0,070	0,100	0,060	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	11120,000	13,000	475,000	560,000	1180,000	1180,000	1180,000	0,0	0,0	0,0
GR	490,000	0,0	472,000	215,000	470,000	250,000	468,000	420,000	466,000	445,000
GR	460,000	475,000	454,200	485,000	453,200	509,000	454,000	535,000	460,000	542,000
GR	464,000	560,000	470,000	630,000	490,000	680,000	0,0	0,0	0,0	0,0

X1	11500,000	15,000	400,000	462,000	380,000	380,000	380,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	110,000	478,000	145,000	468,000	210,000	468,000	325,000
GR	464,000	375,000	450,200	400,000	454,400	406,000	453,900	422,000	454,000	442,000
GR	464,800	462,000	466,000	480,000	470,000	490,000	480,000	500,000	490,000	520,000
NH	4,000	0,070	385,000	0,060	460,000	0,100	590,000	10,000	1260,000	0,0

X1	11780,000	15,000	385,000	460,000	280,000	280,000	280,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	110,000	478,000	145,000	468,000	210,000	468,000	335,000
GR	460,500	385,000	455,200	400,000	454,200	420,000	455,000	446,000	460,000	460,000
GR	466,000	490,000	468,000	590,000	470,000	1190,000	480,000	1235,000	490,000	1260,000
NH	4,000	0,100	85,000	0,060	150,000	0,150	455,000	10,000	735,000	0,0

X1	12220,000	14,000	85,000	150,000	440,000	440,000	440,000	0,0	0,0	0,0
GR	490,000	0,0	470,000	60,000	464,000	85,000	455,200	93,000	455,000	110,000
GR	455,900	131,000	462,000	150,000	464,000	205,000	466,000	319,000	470,000	430,000
GR	472,000	455,000	472,000	620,000	478,000	670,000	490,000	735,000	0,0	0,0
NC	0,120	0,090	0,060	0,0	0,0	0,0	0,0	0,0	0,0	0,0
QT	5,000	7300,000	13300,000	16800,000	27000,000	16800,000	0,0	0,0	0,0	0,0

X1	13180,000	12,000	90,000	161,000	960,000	960,000	960,000	0,0	0,0	0,0
GR	490,000	0,0	470,000	50,000	464,400	90,000	455,700	99,000	455,500	115,000
GR	456,300	136,000	465,600	161,000	470,000	190,000	472,000	260,000	474,000	300,000
GR	476,000	420,000	490,000	540,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	13740,000	14,000	110,000	185,000	560,000	560,000	560,000	0,0	0,0	0,0
GR	490,000	0,0	470,000	80,000	465,000	110,000	456,100	115,000	456,000	138,000
GR	457,000	168,000	466,000	185,000	470,000	220,000	472,000	265,000	472,000	390,000
GR	478,000	430,000	480,000	460,000	482,000	540,000	490,000	710,000	0,0	0,0
NC	0,130	0,130	0,060	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	14740,000	13,000	109,000	200,000	1000,000	1000,000	1000,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	20,000	472,000	55,000	468,000	80,000	465,300	109,000
GR	456,900	129,000	456,400	148,000	457,500	176,000	466,000	200,000	470,000	225,000
GR	472,000	245,000	482,000	290,000	490,000	335,000	0,0	0,0	0,0	0,0
NC	0,150	0,150	0,070	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	15780,000	12,000	245,000	310,000	1040,000	1040,000	1040,000	0,0	0,0	0,0
GR	490,000	0,0	480,000	110,000	476,000	150,000	468,000	210,000	464,100	245,000
GR	456,900	252,000	457,500	275,000	457,500	295,000	463,000	310,000	470,000	335,000
GR	480,000	370,000	490,000	395,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	16720,000	13,000	205,000	270,000	940,000	940,000	940,000	0,0	0,0	0,0
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 BOOK BINDING NORMAL, N.C.

GR	490,000	0.0	480,000	50,000	476,000	75,000	474,000	95,000	472,000	105,000
GR	470,000	150,000	466,000	180,000	465,000	205,000	457,200	213,000	457,700	234,000
GR	457,800	256,000	470,000	270,000	490,000	370,000	0.0	0.0	0.0	0.0

X1	17600,000	20,000	470,000	547,000	280,000	280,000	280,000	0.0	0.0	0.0
GR	500,000	0.0	487,000	100,000	486,800	150,000	484,800	200,000	480,900	250,000
GR	474,400	300,000	470,700	350,000	470,400	400,000	466,800	430,000	464,700	470,000
GR	457,300	480,000	458,000	500,000	458,000	520,000	461,000	525,000	463,500	533,000
GR	464,100	547,000	468,500	570,000	478,300	622,000	481,800	628,000	496,800	684,000
NC	0.150	0.150	0.070	0.300	0.500	0.0	0.0	0.0	0.0	0.0
QT	5,000	6500,000	11850,000	15000,000	25000,000	15000,000	0.0	0.0	0.0	0.0

X1	5,750	18,000	715,000	883,000	640,000	640,000	640,000	0.0	-0.200	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	488,200	486,100	0.0
GR	502,300	663,000	480,000	715,000	471,000	740,000	467,500	755,000	459,500	760,000
GR	458,100	765,000	457,300	785,000	458,300	800,000	459,500	812,000	466,900	840,000
GR	468,900	865,000	471,500	883,000	472,500	890,000	473,800	910,000	477,900	1015,000
GR	488,200	1150,000	493,500	1200,000	499,300	1300,000	0.0	0.0	0.0	0.0
SB	1,250	1,200	2,500	0.0	5,000	2,000	1443,000	2,300	0.0	0.0

X1	6,250	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0.050	0.0
X2	0.0	0.0	1,000	483,400	486,100	0.0	0.0	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	488,200	486,100	0.0
BT	10,000	0.0	500,000	0.0	715,000	488,200	483,400	883,000	486,300	483,400
BT	930,000	486,100	0.0	950,000	486,100	0.0	1000,000	486,400	0.0	1100,000
BT	488,100	0.0	1150,000	488,200	0.0	1200,000	493,500	0.0	1300,000	499,300
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8,000	0.0	0.0	0.0	170,000	170,000	170,000	0.0	0.310	0.0
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X1	11,210	0.0	0.0	0.0	327,000	327,000	327,000	0.0	0.580	0.0
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X1	14,420	0.0	0.0	0.0	327,000	327,000	327,000	0.0	0.580	0.0
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X1	17,630	0.0	0.0	0.0	327,000	327,000	327,000	0.0	0.580	0.0
NC	0.120	0.120	0.060	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	20,850	12,000	200,000	308,000	329,000	329,000	329,000	0.0	0.0	0.0
IR	490,000	130,000	472,000	290,000	468,000	220,000	461,000	222,000	460,600	250,000
GR	460,600	273,000	468,500	282,000	468,500	308,000	470,900	400,000	471,500	450,000
GR	474,000	500,000	490,000	600,000	0.0	0.0	0.0	0.0	0.0	0.0

X1	21,850	0.0	0.0	0.0	106,000	106,000	106,000	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	482,000	482,000	0.0

X1	22,000	19,000	200,000	310,000	16,000	16,000	16,000	0.0	0.0	0.0
GR	487,000	0.0	485,300	50,000	483,800	100,000	487,700	150,000	482,000	200,000
GR	471,500	205,000	468,000	212,000	464,800	215,000	463,000	245,000	460,100	245,000
GR	459,900	255,000	460,100	263,000	463,200	288,000	467,500	308,000	480,300	310,000
GR	481,600	325,000	481,600	350,000	484,200	400,000	487,000	450,000	0.0	0.0

X1	22,150	0.0	0.0	0.0	16,000	16,000	16,000	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	8,400	0.0	0.0	0.0	0.0

X1	22,300	13,000	200,000	310,000	16,000	16,000	16,000	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	482,000	462,000	0.0
GR	490,000	130,000	480,000	175,000	472,000	200,000	468,000	220,000	461,000	222,000
GR	460,800	250,000	460,600	273,000	468,500	283,700	468,300	310,000	471,000	400,000
GR	471,500	450,000	474,000	500,000	490,000	600,000	0.0	0.0	0.0	0.0

X1	23,300	0.0	0.0	0.0	106,000	106,000	106,000	0.0	0.0	0.0
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X1	29,750	22,000	470,000	590,000	684,000	684,000	684,000	0.0	0.0	0.0
GR	506,500	0.0	502,600	50,000	488,200	100,000	482,000	150,000	479,800	200,000
GR	479,500	350,000	472,200	400,000	471,200	450,000	469,600	470,000	463,400	472,000
GR	463,800	485,000	463,500	500,000	462,200	510,000	462,600	522,000	467,200	550,000
GR	470,900	575,000	477,300	570,000	478,300	612,000	487,500	625,000	497,500	650,000
GR	503,500	675,000	507,800	750,000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	34,250	15,000	280,000	690,000	476,000	476,000	476,000	0.0	-0.210	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	517,300	517,600	0.0
GR	520,000	0.0	502,600	50,000	488,200	100,000	482,000	150,000	479,800	200,000
GR	478,600	280,000	472,200	400,000	471,200	445,000	461,400	473,000	460,200	500,000
GR	465,800	580,000	486,500	595,000	502,000	690,000	504,500	690,000	520,000	950,000
S6	1,250	1,200	2,500	0.0	84,000	25,000	11100,000	3,700	0.0	0.0

X1	35,250	0.0	0.0	0.0	100,000	100,000	100,000	0.0	0.070	0.0
X2	0.0	0.0	1,000	515,000	517,300	0.0	0.0	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	517,300	517,600	0.0
BT	8,000	0.0	520,000	0.0	280,000	517,300	508,900	420,000	517,300	508,900
BT	421,000	517,300	515,000	580,000	517,300	515,000	581,000	517,300	508,900	700,000
BT	517,600	508,900	950,000	520,000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	9,400	0.0	0.0	0.0	0.0

X1	37,250	24,000	470,000	525,000	130,000	130,000	130,000	0.0	0.0	0.0
GR	506,500	0.0	502,600	50,000	488,200	100,000	482,000	150,000	479,800	200,000
GR	479,500	250,000	478,000	300,000	475,400	350,000	472,200	400,000	471,200	450,000
GR	469,600	470,000	463,400	472,000	463,800	485,000	463,500	500,000	462,200	510,000
GR	462,600	522,000	467,200	525,000	467,200	550,000	470,900	575,000	477,300	590,000
GR	478,300	611,000	487,500	625,000	503,500	675,000	520,000	950,000	0.0	0.0

X1	54,500	18,000	467,000	535,000	1840,000	1840,000	1840,000	0.0	-1.750	0.0
GR	513,500	215,000	495,000	260,000	486,500	415,000	483,600	435,000	473,400	447,000
GR	472,100	467,000	467,100	480,000	465,300	500,000	465,800	518,000	472,300	535,000
GR	473,200	565,000	476,500	615,000	479,200	645,000	465,800	665,000	488,300	715,000
GR	490,500	815,000	491,200	915,000	500,000	1020,000	0.0	0.0	0.0	0.0

X1	59,500	0.0	0.0	0.0	515,000	515,000	515,000	0.0	0.875	0.0
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X1	65,000	22,000	427,000	578,000	565,000	565,000	565,000	0.0	0.0	0.0
GR	513,600	215,000	495,000	260,000	486,500	415,000	485,500	427,000	478,300	435,000
GR	474,900	450,000	467,600	455,000	465,300	468,000	462,500	470,000	462,600	485,000
GR	462,900	505,000	465,000	512,000	468,500	523,000	474,000	530,000	475,400	548,000
GR	481,100	560,000	485,800	578,000	487,300	690,000	488,300	715,000	490,500	815,000
GR	491,100	915,000	500,000	1020,000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	65,500	25,000	402,500	577,300	65,000	65,000	65,000	0.0	0.0	0.0
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MOORE BUSINESS FORMS, INC. PRINTED IN U.S.A.

X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	492,200	492,200	0.0
GR	506,500	0.0	500,000	70,000	498,000	120,000	494,000	210,000	492,000	230,000
GR	489,400	402,500	489,500	408,000	472,200	442,000	471,200	457,000	469,500	459,800
GR	465,900	470,000	464,600	487,500	465,900	505,000	468,400	519,800	472,300	528,000
GR	472,700	545,000	486,600	572,000	487,800	577,300	489,000	577,300	490,000	650,000
GR	491,000	750,000	491,500	850,000	492,500	950,000	495,000	1050,000	500,000	1150,000
SB	1,050	1,500	2,600	0.0	42,000	6,000	2719,000	2,500	464,600	464,600

X1	66,000	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	491,200	493,200	0.0	0.0	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	493,200	493,200	0.0
BT	15,000	0.0	506,500	0.0	200,000	499,400	0.0	300,000	496,600	0.0
BT	400,000	494,800	0.0	402,500	497,600	491,200	577,300	496,100	489,000	579,800
BT	493,200	0.0	650,000	493,300	0.0	750,000	493,300	0.0	850,000	493,600
BT	0.0	950,000	494,800	0.0	1000,000	495,700	0.0	1050,000	497,000	0.0
BT	1100,000	498,400	0.0	1150,000	500,000	0.0	0.0	0.0	0.0	0.0

X1	66,200	25,000	427,000	578,000	15,000	15,000	15,000	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	491,200	491,200	0.0
GR	506,500	0.0	500,000	70,000	494,000	205,000	492,000	230,000	466,500	415,000
GR	485,500	427,000	478,300	435,000	474,900	450,000	467,600	455,000	465,300	468,000
GR	462,500	470,000	462,600	485,000	362,900	505,000	465,000	512,000	468,500	523,000
GR	474,000	530,000	475,400	548,000	481,100	560,000	485,800	578,000	488,000	578,000
GR	490,500	650,000	491,200	750,000	492,000	850,000	493,000	950,000	500,000	1020,000
SB	1,250	1,200	2,500	0.0	30,000	5,000	2354,000	2,300	462,500	462,500

X1	66,700	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	489,600	493,700	0.0	0.0	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	493,700	493,700	0.0
BT	11,000	0.0	506,500	0.0	100,000	501,300	0.0	200,000	497,500	0.0
BT	300,000	495,000	0.0	425,000	493,700	0.0	427,000	497,000	489,600	578,000
BT	497,000	489,600	580,000	493,700	0.0	700,000	494,000	0.0	900,000	494,700
BT	0.0	1020,000	500,000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	10,400	0.0	0.0	0.0	0.0

X1	68,000	18,000	472,000	535,000	230,000	230,000	230,000	0.0	0.0	0.0
GR	513,600	215,000	495,000	262,000	491,500	315,000	486,500	415,000	483,600	435,000
GR	473,300	447,000	472,100	472,000	467,000	480,000	465,300	500,000	465,900	518,000
GR	472,300	535,000	473,300	565,000	479,200	645,000	485,800	665,000	488,300	715,000
GR	490,500	815,000	491,100	915,000	500,000	1020,000	0.0	0.0	0.0	0.0

X1	78,000	0.0	0.0	0.0	910,000	910,000	910,000	0.0	0.045	0.0
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X1	88,500	25,000	700,000	835,000	1136,000	1136,000	1136,000	0.0	-0.070	0.0
GR	500,000	0.0	497,300	35,000	496,300	95,000	494,000	135,000	495,000	185,000
GR	494,300	285,000	486,500	335,000	485,000	365,000	482,300	485,000	478,600	585,000
GR	478,200	635,000	478,100	700,000	475,000	715,000	472,500	735,000	470,000	767,000
GR	467,000	780,000	466,100	795,000	466,100	805,000	467,000	815,000	476,600	835,000
GR	480,300	855,000	490,300	890,000	490,800	895,000	493,300	1025,000	500,000	1100,000
NC	0.150	0.150	0.070	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	91,500	25,000	725,000	875,000	324,000	324,000	324,000	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	493,000	493,000	0.0
GR	500,000	0.0	497,300	35,000	496,300	95,000	494,000	135,000	495,000	185,000
GR	494,300	285,000	486,500	335,000	485,000	365,000	482,200	485,000	478,600	585,000
GR	478,200	635,000	474,000	725,000	472,500	735,000	471,000	755,000	469,000	760,000
GR	465,600	770,000	467,000	800,000	469,500	816,000	472,500	855,000	485,000	670,000
GR	485,000	875,000	490,300	890,000	490,400	895,000	493,000	1000,000	506,000	1300,000

SB 1,250 1,200 2,500 0.0 48,000 9,000 2285,000 2,200 465,600 465,600

X1	92,500	0.0	0.0	0.0	100,000	100,000	100,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	488,900	493,000	0.0	0.0	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	493,000	493,000	0.0
BT	8,000	0.0	500,000	0.0	300,000	496,000	0.0	720,000	493,600	0.0
BT	725,000	496,500	488,900	875,000	496,000	488,900	880,000	493,000	0.0	1000,000
BT	493,200	0.0	1300,000	506,000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0,150	0,150	0,076	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	94,000	20,000	700,000	835,000	150,000	150,000	150,000	0.0	0.0	0.0
GR	500,000	200,000	494,200	285,000	486,500	335,000	485,000	365,000	483,800	435,000
GR	478,600	585,000	478,100	635,000	478,200	700,000	472,000	735,000	470,000	767,000
GR	467,000	780,000	466,000	795,000	466,000	805,000	467,000	815,000	476,500	835,000
GR	480,500	855,000	490,500	890,000	490,800	895,000	493,200	1000,000	500,000	1100,000

X1	96,000	0.0	0.0	0.0	200,000	200,000	200,000	0.0	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

HOLZNER BUSINESS FORMS, INC. 7 27" PRINTED IN U.S.A.

SB 1,250 1,200 2,500 0.0 48,000 9,000 2265,000 2,200 465,600 465,600

X1	92,500	0.0	0.0	0.0	100,000	100,000	100,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	488,900	493,000	0.0	0.0	0.0	0.0	0.0
X3	10,000	0.0	0.0	0.0	0.0	0.0	0.0	493,000	493,000	0.0
BT	8,000	0.0	500,000	0.0	300,000	496,000	0.0	720,000	493,600	0.0
BT	725,000	496,500	488,900	875,000	496,000	488,900	880,000	493,000	0.0	1000,000
BT	493,200	0.0	1300,000	506,000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.150	0.150	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	94,000	20,000	700,000	835,000	150,000	150,000	150,000	0.0	0.0	0.0
GR	500,000	200,000	494,200	285,000	486,500	335,000	485,000	365,000	483,800	435,000
GR	478,600	585,000	478,100	635,000	478,200	700,000	472,000	735,000	470,000	767,000
GR	467,000	780,000	466,000	795,000	466,000	805,000	467,000	815,000	476,500	835,000
GR	480,500	855,000	490,500	890,000	490,800	895,000	493,200	1000,000	500,000	1100,000

X1	96,000	0.0	0.0	0.0	200,000	200,000	200,000	0.0	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 CITY OF MONROE, NC
T2 100 YEAR FLOODWAY
T3 RICHARDSON CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	0.0	0.0	0.0	0.	462.220	0.0
J2	NPROF	IPL0T	PRFVS	XSECV	XJECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOORE ENGINEERING INC. 277 PRINTED IN USA

SECNO	CHSEL	DIFKWS	EG	TOPKID	QLOB	QCH	QRQB	PERENC	STENCL	STCHL	STCHR	STENCR
8640.000	476.50	0.0	477.02	393.64	5538.60	10839.40	732.00	0.0	0.0	480.00	550.00	0.0
8640.000	477.35	0.85	477.94	271.78	5476.08	11626.65	7.27	0.09	279.27	480.00	550.00	551.05
9940.000	477.75	0.0	478.36	337.77	1858.45	12132.82	3118.75	0.0	0.0	155.00	225.00	0.0
9940.000	478.61	0.86	479.28	220.07	1354.69	12858.43	2896.87	0.08	114.13	155.00	225.00	334.20
11120.000	479.03	0.0	479.21	521.49	6930.77	8596.18	1583.04	0.0	0.0	475.00	560.00	0.0
11120.000	479.93	0.90	480.14	359.55	7057.88	9167.79	884.33	0.10	238.06	475.00	560.00	597.61
11500.000	479.21	0.0	479.48	375.29	8552.92	7697.39	859.70	0.0	0.0	400.00	462.00	0.0
11500.000	480.10	0.89	480.42	261.83	8799.77	8241.56	68.66	0.09	204.79	400.00	462.00	466.62
11780.000	479.50	0.0	479.66	1113.99	6152.21	7691.00	3266.78	0.0	0.0	385.00	460.00	0.0
11780.000	480.41	0.91	480.60	355.75	6132.95	8173.73	2803.31	0.09	209.92	385.00	460.00	565.68
12220.000	479.69	0.0	479.98	648.27	958.33	8700.74	7450.94	0.0	0.0	85.00	150.00	0.0
12220.000	480.59	0.90	480.92	342.64	329.48	9270.51	7510.01	0.08	72.24	85.00	150.00	414.88
13180.000	480.61	0.0	481.06	436.07	1470.78	10437.35	4891.88	0.0	0.0	90.00	161.00	0.0
13180.000	481.50	0.89	482.00	291.42	751.21	11134.08	4911.72	0.10	65.28	90.00	161.00	356.70
13740.000	481.31	0.0	481.65	477.66	1179.35	10167.79	5452.87	0.0	0.0	110.00	185.00	0.0
13740.000	482.21	0.90	482.59	297.86	480.90	10813.84	5505.27	0.09	90.84	110.00	185.00	388.70
14740.000	482.17	0.0	482.69	275.26	1902.91	13461.34	1435.77	0.0	0.0	109.00	200.00	0.0
14740.000	483.05	0.89	483.63	170.73	1483.26	14341.73	975.02	0.07	63.11	109.00	200.00	233.85
15780.000	483.50	0.0	484.08	307.20	3409.52	11773.49	1616.98	0.0	0.0	245.00	310.00	0.0
15780.000	484.38	0.89	485.02	184.11	3165.81	12364.59	1269.61	0.07	155.78	245.00	310.00	339.90
16720.000	485.11	0.0	485.58	321.11	4949.98	11024.13	825.89	0.0	0.0	205.00	270.00	0.0
16720.000	485.98	0.87	486.51	195.16	4844.57	11737.54	217.89	0.07	85.77	205.00	270.00	280.93
17000.000	485.65	0.0	485.89	463.75	5245.98	9748.57	1805.45	0.0	0.0	470.00	547.00	0.0
17000.000	486.57	0.91	486.82	295.07	5211.42	10288.34	1300.24	0.07	294.39	470.00	547.00	589.46
5.750	486.13	0.0	486.32	410.54	0.0	12983.85	2016.16	0.0	0.0	715.00	883.00	0.0
5.750	487.04	0.91	487.25	232.51	0.0	13948.81	1051.19	0.08	715.00	715.00	883.00	947.51
6.250	487.74	0.0	487.89	430.89	0.0	12738.93	2261.07	0.0	0.0	715.00	883.00	0.0
6.250	488.64	0.91	488.81	253.66	0.0	13556.65	1443.35	0.08	715.00	715.00	883.00	968.66
8.000	487.81	0.0	487.97	445.02	31.64	12747.70	2220.66	0.0	0.0	715.00	883.00	0.0
8.000	488.72	0.91	488.89	253.56	0.0	13570.66	1429.35	0.07	715.00	715.00	883.00	968.56
11.210	487.95	0.0	488.12	438.22	28.07	12819.73	2152.21	0.0	0.0	715.00	883.00	0.0
11.210	488.87	0.92	489.06	246.76	0.0	13684.24	1315.76	0.08	715.00	715.00	883.00	961.76
14.420	488.11	0.0	488.29	431.67	24.80	12889.92	2085.28	0.0	0.0	715.00	883.00	0.0
14.420	489.04	0.93	489.23	240.34	0.0	13792.20	1207.80	0.08	715.00	715.00	883.00	955.34
17.630	488.28	0.0	488.47	425.37	21.81	12959.31	2019.89	0.0	0.0	715.00	883.00	0.0
17.630	489.21	0.93	489.42	234.22	0.0	13895.37	1104.63	0.08	715.00	715.00	883.00	949.22
20.850	488.50	0.0	488.62	454.76	467.09	8925.17	5607.75	0.0	0.0	200.00	308.00	0.0
20.850	489.47	0.97	489.59	307.98	0.0	9109.28	5890.72	0.07	200.00	200.00	308.00	507.98

MOORE BUSINESS FORMS, INC. 227

SECNO CWSL DIFKWS EG TOPWID QLOA QCH QROB PERENC STENCL STCHL JCHR STENCR

21.850	488.33	0.0	488.65	455.17	468.54	8919.70	5611.76	0.0	0.0	200.00	308.00	0.0
21.850	489.50	0.97	489.63	300.70	0.0	9185.91	5644.09	0.07	200.00	200.00	308.00	500.70
22.000	488.42	0.0	488.78	450.00	840.47	13413.21	746.33	0.0	0.0	200.00	310.00	0.0
22.000	489.38	0.96	489.77	192.73	450.72	14254.88	294.42	0.08	147.05	200.00	310.00	339.79
22.150	488.44	0.0	488.79	450.00	842.29	13410.08	747.63	0.0	0.0	200.00	310.00	0.0
22.150	489.39	0.96	489.78	192.49	450.97	14255.45	293.60	0.08	147.17	200.00	310.00	339.66
22.300	488.75	0.0	488.87	456.54	458.61	9003.59	5537.79	0.0	0.0	200.00	310.00	0.0
22.300	489.74	0.99	489.87	308.07	2.09	9528.12	5469.80	0.06	199.29	200.00	310.00	507.36
23.300	488.78	0.0	488.90	456.89	459.84	8999.25	5540.91	0.0	0.0	200.00	310.00	0.0
23.300	489.77	0.99	489.90	308.40	2.96	9523.99	5473.06	0.06	199.12	200.00	310.00	507.52
29.750	488.99	0.0	489.13	531.44	4753.70	9904.26	342.04	0.0	0.0	470.00	590.00	0.0
29.750	489.99	1.00	490.14	377.43	4740.53	10259.47	0.0	0.07	212.57	470.00	590.00	590.00
34.250	489.21	0.0	489.30	332.88	0.0	15000.00	0.0	0.0	0.0	280.00	690.00	0.0
34.250	490.21	1.01	490.29	339.05	0.0	14999.99	0.0	0.0	280.00	280.00	690.00	690.00
35.250	489.23	0.0	489.32	332.58	0.0	15000.00	0.0	0.0	0.0	280.00	690.00	0.0
35.250	490.03	0.80	490.29	337.48	0.0	15000.00	0.0	0.0	0.0	280.00	690.00	0.0
37.250	489.24	0.0	489.39	534.06	6008.96	6235.22	2755.81	0.0	0.0	470.00	525.00	0.0
37.250	490.21	0.97	490.37	388.68	6068.87	6596.58	2334.55	0.08	195.87	470.00	525.00	584.55
54.500	490.56	0.0	490.84	619.07	1431.58	9050.38	4518.05	0.0	0.0	467.00	535.00	0.0
54.500	491.50	0.94	491.81	224.73	946.38	9608.27	4445.36	0.08	443.93	467.00	535.00	668.66
59.500	491.03	0.0	491.33	606.91	1398.68	9165.77	4435.55	0.0	0.0	467.00	535.00	0.0
59.500	491.97	0.94	492.30	223.36	1016.41	9656.08	4327.51	0.08	440.00	467.00	535.00	663.37
65.000	491.58	0.0	491.90	597.99	201.88	14076.33	721.81	0.0	0.0	427.00	578.00	0.0
65.000	492.53	0.95	492.88	151.00	0.0	15000.00	0.0	0.08	427.00	427.00	578.00	578.00
65.500	491.63	0.0	491.99	174.80	0.0	15000.01	0.0	0.0	0.0	402.50	577.30	0.0
65.500	492.63	1.01	492.96	174.80	0.0	15000.00	0.0	0.03	402.50	402.50	577.30	577.30
66.000	491.99	0.0	492.34	174.80	0.0	15000.00	0.0	0.0	0.0	402.50	577.30	0.0
66.000	493.00	1.01	493.31	174.80	0.0	15000.00	0.0	0.0	402.50	402.50	577.30	577.30
66.200	492.03	0.0	492.36	623.31	391.57	14436.39	172.05	0.0	0.0	427.00	578.00	0.0
66.200	493.00	0.97	493.33	151.00	0.0	15000.00	0.0	0.06	427.00	427.00	578.00	578.00
66.700	492.43	0.0	492.79	151.00	0.0	15000.00	0.0	0.0	0.0	427.00	578.00	0.0
66.700	493.40	0.97	493.72	151.00	0.0	15000.00	0.0	0.0	427.00	427.00	578.00	578.00
68.000	492.74	0.0	493.01	638.24	1779.78	8554.09	4666.12	0.0	0.0	472.00	535.00	0.0
68.000	493.62	0.88	493.93	238.05	1290.75	9135.80	4573.44	0.10	439.85	472.00	535.00	677.90
78.000	493.52	0.0	493.76	658.11	1854.22	8328.58	4817.20	0.0	0.0	472.00	535.00	0.0
78.000	494.43	0.90	494.69	270.10	1434.49	8835.80	4729.71	0.09	433.99	472.00	535.00	704.09
88.500	494.20	0.0	494.30	769.12	4766.00	9566.20	667.80	0.0	0.0	700.00	835.00	0.0
88.500	495.13	0.92	495.24	443.06	4665.16	10260.70	74.14	0.09	399.56	700.00	835.00	842.62

31" MONITOR IN USE

MICRO-ANALYSIS SYSTEM, INC.

SECNO	CWSEL	DIFKWS	EG	TOPNID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
91.500	494.31	0.0	494.39	768.65	5211.24	9650.16	138.61	0.0	0.0	725.00	875.00	0.0
91.500	495.25	0.93	495.34	419.37	4765.80	10234.20	0.0	0.09	455.63	725.00	875.00	875.00
92.500	494.91	0.0	494.99	908.39	5295.52	9524.21	176.27	0.0	0.0	725.00	875.00	0.0
92.500	495.85	0.93	495.93	433.76	4936.75	10063.25	0.0	0.09	441.24	725.00	875.00	875.00
94.000	494.94	0.0	495.03	751.77	4868.38	9436.29	695.34	0.0	0.0	700.00	835.00	0.0
94.000	495.88	0.93	495.97	453.12	4767.89	10091.67	140.44	0.09	394.12	700.00	835.00	847.24
96.000	495.00	0.0	495.08	753.02	4874.83	9426.45	698.72	0.0	0.0	700.00	835.00	0.0
96.000	495.93	0.93	496.03	452.67	4771.83	10089.74	138.42	0.09	394.44	700.00	835.00	847.11

SUMMARY OF ERRORS

FLOODWAY DATA, RICHARDSON CREEK

PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		DIFFERENCE
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	
0.0	382.	4256.	4.0	462.2	461.3	0.9
620.000	135.	2249.	7.6	462.9	462.1	0.8
1140.000	281.	3699.	4.6	464.4	463.4	1.0
1900.000	212.	3001.	5.7	465.5	464.6	0.9
2520.000	202.	2942.	5.8	466.8	465.8	1.0
2740.000	206.	3114.	5.5	467.3	466.3	1.0
2760.000	206.	3118.	5.5	467.3	466.3	1.0
3240.000	257.	3047.	5.6	468.2	467.2	1.0
4240.000	177.	2435.	7.0	470.4	469.5	0.9
5120.000	217.	3449.	5.0	472.8	471.8	1.0
6340.000	200.	3427.	5.0	474.6	473.7	0.9
7020.000	430.	6610.	2.6	475.9	474.9	1.0
7740.000	218.	3500.	4.9	476.2	475.2	1.0
8640.000	272.	4136.	4.1	477.3	476.5	0.8
9940.000	220.	3736.	4.6	478.6	477.7	0.9
11120.000	360.	5368.	3.2	479.9	479.0	0.9
11500.000	262.	4166.	4.1	480.1	479.2	0.9
11780.000	356.	5759.	3.0	480.4	479.5	0.9
12220.000	343.	5773.	3.0	480.6	479.7	0.9
13180.000	291.	3912.	4.3	481.5	480.6	0.9
13740.000	298.	4398.	3.8	482.2	481.3	0.9
14740.000	171.	3378.	5.0	483.1	482.2	0.9
15780.000	184.	3540.	4.7	484.4	483.5	0.9
16720.000	195.	3853.	4.4	486.0	485.1	0.9
17000.000	295.	5775.	2.9	486.6	485.7	0.9
5.750	233.	4516.	3.3	487.0	486.1	0.9
6.250	254.	5154.	2.9	488.6	487.7	0.9
8.000	254.	5092.	2.9	488.7	487.8	0.9
11.210	247.	4900.	3.1	488.9	488.0	0.9
14.420	240.	4721.	3.2	489.0	488.1	0.9
17.630	234.	4552.	3.3	489.2	488.3	0.9
20.850	308.	6362.	2.4	489.5	488.5	1.0
21.850	301.	6264.	2.4	489.5	488.5	1.0
22.000	193.	3380.	4.4	489.4	488.4	1.0
22.150	192.	3380.	4.4	489.4	488.4	1.0
22.300	308.	6460.	2.3	489.7	488.7	1.0
23.300	308.	6474.	2.3	489.8	488.8	1.0
29.750	377.	6285.	2.4	490.0	489.0	1.0
34.250	339.	6576.	2.3	490.2	489.2	1.0
35.250	357.	6489.	2.3	490.0	489.2	0.8
37.250	389.	6704.	2.2	490.2	489.2	1.0
54.500	225.	4465.	3.4	491.5	490.6	0.9
59.500	223.	4395.	3.4	491.9	491.0	0.9
65.000	151.	3160.	4.7	492.6	491.6	1.0
65.500	175.	3285.	4.6	492.6	491.6	1.0
66.000	175.	3352.	4.5	493.0	492.0	1.0
66.200	151.	3232.	4.6	493.0	492.0	1.0
66.700	151.	3292.	4.6	493.4	492.4	1.0
68.000	238.	4644.	3.2	493.6	492.7	0.9
78.000	270.	5088.	2.9	494.4	493.5	0.9

22" PRINTED IN USA
 MOORE BUSINESS FORMS, INC.

FLOODWAY DATA, RICHARDSON CREEK
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
88.500	443.	7876.	1.9	495.1	494.2	0.9
91.500	419.	8064.	1.9	495.2	494.3	0.9
92.500	434.	8500.	1.8	495.8	494.9	0.9
94.000	453.	8330.	1.8	495.8	494.9	0.9
96.000	453.	8343.	1.8	495.9	495.0	0.9

MOORE ENGINEERING, INC. 37