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HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

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T1 SPENCER-ROWAN CO. BASIN E STREAM 1A-1S ROWAN AVE. PARK STREAM  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-1.	2.	0.	0.	0.004000	0.0	0.0	0.	628.000	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALDCC	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

38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
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54.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
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J5 LPRNT NUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

	-10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	493.000	863.000	1046.000	1482.000	1046.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

x1	3000.000	35.000	3675.000	3693.000	3000.000	3000.000	3000.000	0.0	0.0	0.0
GR	674.400	1000.000	639.000	1100.000	632.700	1200.000	630.200	1251.000	629.700	1300.000
GR	629.500	1400.000	628.900	1500.000	628.300	1600.000	628.000	1672.000	628.400	1731.000
GR	627.500	1800.000	627.100	2000.000	626.900	2200.000	625.700	2400.000	625.500	2600.000
GR	626.400	2643.000	623.300	2652.000	623.100	2673.000	625.400	2686.000	625.100	2700.000
GR	624.900	2800.000	625.400	3000.000	625.700	3200.000	624.100	3400.000	624.200	3600.000
GR	624.300	3675.000	623.300	3678.000	623.000	3683.000	623.400	3688.000	624.400	3693.000
GR	624.600	3700.000	624.800	3900.000	626.000	4100.000	629.500	4137.000	645.700	4188.000
QT	5.000	330.000	600.000	741.000	1093.000	741.000	0.0	0.0	0.0	0.0

MADE IN U.S.A.



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BT	1300.000	640.100	0.0	1315.700	640.500	636.600	1316.000	640.500	637.600	1317.000
BT	640.500	638.600	1318.000	640.500	638.800	1319.000	640.500	638.600	1320.000	640.500
BT	637.600	1320.200	640.500	636.600	1400.000	643.800	0.0	1500.000	649.400	0.0
BT	1600.000	654.000	0.0	1632.000	655.700	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	5112.000	11.000	1271.000	1284.000	50.000	50.000	50.000	0.0	-0.300	0.0
GR	654.900	1000.000	639.100	1100.000	638.300	1200.000	639.400	1271.000	634.800	1273.000
GR	634.900	1276.000	635.300	1279.000	638.200	1284.000	638.700	1293.000	651.100	1340.000
GR	654.900	1362.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	5162.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
QT	5.000	309.000	562.000	695.000	1020.000	695.000	0.0	0.0	0.0	0.0

X1	7021.000	13.000	1237.000	1264.000	1859.000	1859.000	1859.000	0.0	0.0	0.0
GR	675.400	1000.000	665.000	1100.000	657.900	1166.000	657.600	1237.000	652.900	1244.000
GR	652.000	1248.000	653.000	1252.000	658.800	1264.000	659.600	1300.000	667.800	1368.000
GR	669.900	1400.000	674.200	1500.000	675.400	1527.000	0.0	0.0	0.0	0.0

X1	7071.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	7121.000	16.000	1242.500	1251.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	679.400	1000.000	666.700	1099.000	659.600	1165.000	659.300	1236.000	656.700	1242.500
GR	653.700	1242.500	653.700	1251.500	656.700	1251.500	660.500	1263.000	661.300	1299.000
GR	662.600	1309.000	665.700	1400.000	670.900	1500.000	675.400	1500.000	678.500	1700.000
GR	679.400	1738.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	9.000	0.010	54.000	0.0	0.0	0.0

X1	7178.000	0.0	0.0	0.0	57.000	57.000	57.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	659.700	661.700	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	679.400	0.0	1100.000	669.300	0.0	1150.000	664.900	0.0
BT	1200.000	662.400	0.0	1242.500	661.700	659.700	1251.500	661.700	659.700	1300.000
BT	662.100	0.0	1400.000	665.700	0.0	1500.000	670.900	0.0	1600.000	675.400
BT	0.0	1700.000	678.400	0.0	1738.000	679.400	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	7228.000	13.000	1237.000	1264.000	50.000	50.000	50.000	2.000	0.0	0.0
GR	675.400	1000.000	665.000	1100.000	657.900	1166.000	657.600	1237.000	652.900	1244.000
GR	652.000	1248.000	653.000	1252.000	658.800	1264.000	659.600	1300.000	667.800	1368.000
GR	669.900	1400.000	674.200	1500.000	675.400	1527.000	0.0	0.0	0.0	0.0

BT	12,000	1000,000	679,400	0,0	1100,000	669,300	0,0	1150,000	664,900	0,0
DT	1200,000	662,400	0,0	1242,500	661,700	659,700	1251,500	661,700	659,700	1300,000
BT	662,100	0,0	1,000,000	665,700	0,0	1500,000	670,900	0,0	1600,000	675,400
BT	0,0	1700,000	678,400	0,0	1738,000	679,400	0,0	0,0	0,0	0,0
NC	0,055	0,055	0,035	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	7228,000	13,000	1237,000	1264,000	50,000	50,000	50,000	2,000	0,0	0,0
GR	675,400	1000,000	665,000	1100,000	657,900	1166,000	657,600	1237,000	652,900	1244,000
GR	652,000	1248,000	653,000	1252,000	658,800	1264,000	659,600	1300,000	667,800	1368,000
GR	669,900	1400,000	674,200	1500,000	675,400	1527,000	0,0	0,0	0,0	0,0

X1	7273,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	0,200	0,0
QT	5,000	214,000	399,000	501,000	753,000	501,000	0,0	0,0	0,0	0,0

X1	8175,000	13,000	1166,000	1186,000	963,000	963,000	963,000	0,0	0,0	0,0
GR	686,300	1000,000	680,400	1045,000	670,200	1082,000	668,500	1100,000	669,000	1166,000
GR	664,200	1172,000	663,900	1174,000	663,900	1176,000	670,100	1186,000	669,900	1200,000
GR	675,900	1300,000	683,200	1400,000	666,300	1424,000	0,0	0,0	0,0	0,0

X1	8225,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	0,600	0,0
NC	0,025	0,025	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	8275,000	21,000	1348,000	1352,000	50,000	50,000	50,000	0,0	0,0	0,0
GR	689,000	1000,000	683,100	1100,000	677,400	1200,000	675,100	1246,000	671,900	1258,000
GR	670,200	1276,000	670,700	1342,000	667,600	1348,000	665,900	1349,000	665,600	1350,000
GR	665,900	1351,000	667,600	1352,000	671,800	1362,000	671,600	1376,000	672,600	1395,000
GR	672,700	1400,000	676,300	1500,000	681,300	1600,000	685,500	1700,000	688,700	1800,000
GR	689,000	1814,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
SB	0,900	1,500	2,500	0,0	4,000	0,010	12,600	0,0	0,0	0,0

X1	8325,000	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	669,600	672,100	0,0	0,0	0,0	0,0	0,0
BT	15,000	1000,000	669,000	0,0	1100,000	683,100	0,0	1200,000	677,400	0,0
BT	1300,000	672,600	0,0	1348,000	672,100	667,600	1349,000	672,100	669,300	1350,000
BT	672,100	669,600	1351,000	672,100	669,300	1352,000	672,100	667,600	1400,000	672,700
BT	0,0	1500,000	676,300	0,0	1600,000	681,300	0,0	1700,000	685,500	0,0
BT	1800,000	688,700	0,0	1814,000	689,000	0,0	0,0	0,0	0,0	0,0
NC	0,055	0,055	0,035	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	8375,000	13,000	1166,000	1186,000	50,000	50,000	50,000	0,0	2,200	0,0
GR	686,300	1000,000	680,400	1045,000	670,200	1082,000	668,500	1100,000	669,000	1166,000
GR	664,200	1172,000	663,900	1174,000	663,900	1176,000	670,100	1186,000	669,900	1200,000
GR	675,900	1300,000	683,200	1400,000	666,300	1424,000	0,0	0,0	0,0	0,0

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X1	8325.000	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	669.600	672.100	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	669.000	0.0	1100.000	683.100	0.0	1200.000	677.400	0.0
BT	1300.000	672.600	0.0	1348.000	672.100	667.600	1349.000	672.100	669.300	1350.000
BT	672.100	669.600	1351.000	672.100	669.300	1352.000	672.100	667.600	1400.000	672.700
BT	0.0	1500.000	676.300	0.0	1600.000	681.300	0.0	1700.000	685.500	0.0
BT	1800.000	688.700	0.0	1814.000	689.000	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8375.000	13.000	1166.000	1186.000	50.000	50.000	50.000	0.0	2.200	0.0
GR	686.300	1000.000	680.400	1045.000	670.200	1082.000	668.500	1100.000	669.000	1166.000
GR	664.200	1172.000	663.900	1174.000	663.900	1176.000	670.100	1186.000	669.900	1200.000
GR	675.900	1300.000	683.200	1400.000	686.300	1424.000	0.0	0.0	0.0	0.0

X1	8425.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
QT	5.000	101.000	205.000	277.000	430.000	277.000	0.0	0.0	0.0	0.0

X1	8546.000	10.000	1089.000	1105.000	121.000	121.000	121.000	0.0	0.0	0.0
GR	691.900	1000.000	674.100	1023.000	673.500	1089.000	669.500	1092.000	669.400	1096.000
GR	669.400	1101.000	674.200	1105.000	676.700	1200.000	686.000	1300.000	691.900	1357.000

X1	8596.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8646.000	16.000	1197.000	1205.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	697.300	1000.000	686.600	1100.000	685.400	1114.000	675.800	1120.000	675.300	1194.000
GR	674.100	1197.000	671.100	1197.000	671.100	1205.000	674.100	1205.000	675.900	1210.000
GR	678.500	1305.000	683.000	1356.000	684.500	1400.000	688.600	1500.000	693.800	1600.000
GR	697.300	1653.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	0.000	0.010	48.000	0.0	0.0	0.0

X1	8694.000	0.0	0.0	0.0	48.000	48.000	48.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	677.100	680.600	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	697.300	0.0	1100.000	686.600	0.0	1150.000	682.500	0.0
BT	1197.000	680.600	677.100	1205.000	680.600	677.100	1300.000	681.400	0.0	1400.000
BT	684.500	0.0	1500.000	688.600	0.0	1600.000	693.800	0.0	1653.000	697.300
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8744.000	10.000	1089.000	1105.000	50.000	50.000	50.000	0.0	2.500	0.0
GR	691.900	1000.000	674.100	1023.000	673.600	1089.000	669.500	1092.000	669.400	1096.000
GR	669.400	1101.000	674.200	1105.000	676.700	1200.000	686.000	1300.000	691.900	1357.000

BT	1197.000	680.600	677.100	1205.000	680.600	677.100	1300.000	681.400	0.0	1400.000
BT	684.500	0.0	1500.000	698.600	0.0	1600.000	693.800	0.0	1653.000	697.300
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	8744.000	10.000	1069.000	1105.000	50.000	50.000	50.000	0.0	2.500	0.0
GR	691.900	1000.000	674.100	1023.000	673.600	1089.000	669.500	1092.000	669.400	1096.000
GR	669.400	1101.000	674.200	1105.000	676.700	1200.000	686.000	1300.000	671.900	1357.000

X1	6794.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
BT	5.000	30.000	69.000	75.000	167.000	95.000	0.0	0.0	0.0	0.0

X1	8978.000	7.000	1195.000	1202.000	184.000	184.000	184.000	0.0	-15.900	0.0
GR	713.200	1000.000	704.700	1100.000	695.500	1195.000	693.100	1198.000	695.800	1202.000
GR	706.700	1300.000	713.200	1376.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	9028.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	9078.000	24.000	1520.000	1522.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	713.200	1000.000	709.300	1100.000	705.600	1200.000	703.500	1308.000	702.100	1323.000
GR	693.600	1423.000	684.400	1518.000	683.000	1520.000	682.100	1520.500	682.000	1521.000
GR	682.100	1521.500	683.000	1522.000	684.700	1525.000	695.600	1623.000	697.000	1639.000
GR	696.600	1700.000	696.900	1900.000	698.500	1900.000	699.500	2000.000	702.700	2100.000
GR	704.300	2200.000	706.700	2300.000	710.200	2400.000	713.200	2472.000	0.0	0.0
SB	0.900	2.500	2.500	0.0	2.000	0.010	3.100	0.0	0.0	0.0

X1	9403.000	23.000	1520.000	1522.000	325.000	325.000	325.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	692.700	696.600	0.0	0.0	0.0	0.0	0.0
BT	21.000	1000.000	713.200	0.0	1100.000	709.300	0.0	1200.000	705.600	0.0
BT	1400.000	701.600	0.0	1422.000	700.600	0.0	1500.000	698.400	0.0	1520.000
BT	697.700	691.700	1520.500	697.700	692.600	1521.000	697.700	692.700	1521.500	697.700
BT	692.600	1522.000	697.700	691.700	1639.000	697.000	0.0	1700.000	696.600	0.0
BT	1800.000	696.900	0.0	1900.000	698.500	0.0	2000.000	699.500	0.0	2100.000
BT	702.700	0.0	2200.000	704.300	0.0	2300.000	706.700	0.0	2400.000	710.200
BT	0.0	2472.000	713.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	713.200	1000.000	709.300	1100.000	705.600	1200.000	701.600	1400.000	700.600	1422.000
GR	700.000	1445.000	693.100	1518.000	691.700	1520.000	690.800	1520.500	690.700	1521.000
GR	690.800	1521.500	691.700	1522.000	693.400	1525.000	697.400	1562.000	696.600	1700.000
GR	696.900	1800.000	698.500	1900.000	699.500	2000.000	702.700	2100.000	704.300	2200.000
GR	706.700	2300.000	710.200	2400.000	713.200	2472.000	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

MADE IN U.S.A.

BT	1400.000	701.500	0.0	1422.000	700.500	0.0	1500.000	698.400	0.0	1520.000
BT	697.700	691.700	1520.500	697.700	692.600	1521.000	697.700	692.700	1521.500	697.700
BT	692.600	1522.000	697.700	691.700	1639.000	697.000	0.0	1700.000	696.600	0.0
BT	1800.000	696.900	0.0	1900.000	698.500	0.0	2000.000	699.500	0.0	2100.000
BT	702.700	0.0	2200.000	704.300	0.0	2300.000	706.700	0.0	2400.000	710.200
BT	0.0	2472.000	713.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	713.200	1000.000	709.300	1100.000	705.600	1200.000	701.600	1400.000	700.600	1422.000
GR	700.000	1445.000	693.100	1518.000	691.700	1520.000	690.800	1520.500	690.700	1521.000
GR	690.800	1521.500	691.700	1522.000	693.400	1525.000	697.400	1562.000	696.600	1700.000
GR	696.900	1000.000	698.500	1900.000	699.500	2000.000	702.700	2100.000	704.300	2200.000
GR	706.700	2300.000	710.200	2400.000	713.200	2472.000	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	9453.000	7.000	1195.000	1202.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	713.200	1000.000	704.700	1100.000	695.500	1195.000	695.100	1198.000	695.800	1202.000
GR	706.700	1300.000	713.200	1376.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	9503.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.400	0.0
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X1	9778.000	10.000	1255.000	1262.000	275.000	275.000	275.000	0.0	0.0	0.0
GR	735.000	1000.000	726.400	1100.000	711.500	1200.000	708.200	1255.000	706.400	1257.000
GR	706.300	1259.000	708.700	1262.000	714.500	1300.000	725.900	1400.000	731.700	1500.000
EU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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HEC2 RELEASE DATED NOV. 76 UPDATED FEB 1977  
ERROR CORR - 01  
MODIFICATION - 50,51,52  
\*\*\*\*\*

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECNO	XLCH	ELYRD	ELLC	Q	ELMIN	CWSEL	CRIBS	VCH	SSTA	ENDST	ARCA	DIFWSP
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00000	000	0000	00	000	000	00	00	000	000000	000	0000	0000
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NOTE: ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD PROTECT SURF

SUMMARY PRINTOUT

SECTION	YELCH	ELTRD	ELLC	N	ELMIN	CWSEL	CRISW	VCH	SSTA	EMOST	AREA	DIFNSP
A	3000.000	3000.00	0.0	0.0	493.00	623.00	624.07	0.0	3.28	2647.44	3912.05	0.0
A	3000.000	3000.00	0.0	0.0	663.00	623.00	625.13	0.0	3.71	2646.67	3953.80	0.2
A	3000.000	3000.00	0.0	0.0	1046.00	623.00	625.24	0.0	3.85	2646.37	3972.91	0.1
A	3000.000	3000.00	0.0	0.0	1482.00	623.00	625.44	0.0	4.13	2645.80	4006.08	0.2
LIMITS												
A	4800.000	1800.00	0.0	0.0	330.00	631.00	634.51	634.19	8.04	1174.48	1189.28	0.0
A	4800.000	1800.00	0.0	0.0	600.00	631.00	636.16	636.16	6.57	1133.22	1340.77	1.6
A	4800.000	1800.00	0.0	0.0	741.00	631.00	636.38	636.35	6.98	1132.13	1342.08	0.1
A	4800.000	1800.00	0.0	0.0	1063.00	631.00	636.68	636.68	7.84	1130.10	1344.50	0.3
B	4920.000	120.00	0.0	0.0	327.00	632.60	636.93	636.93	5.93	1099.84	1294.61	0.0
B	4920.000	120.00	0.0	0.0	593.00	632.60	637.35	637.35	6.77	1097.14	1295.23	0.4
B	4920.000	120.00	0.0	0.0	731.00	632.60	637.48	637.48	7.30	1096.30	1296.73	0.1
B	4920.000	120.00	0.0	0.0	1068.00	632.60	637.75	637.75	8.43	1094.63	1297.73	0.2
*	4970.000	50.00	0.0	0.0	327.00	632.90	637.27	637.27	5.61	1099.53	1294.80	0.0
*	4970.000	50.00	0.0	0.0	593.00	632.90	637.73	0.0	6.20	1096.60	1296.55	0.4
*	4970.000	50.00	0.0	0.0	731.00	632.90	637.93	0.0	6.35	1095.33	1297.31	0.2
*	4970.000	50.00	0.0	0.0	1068.00	632.90	638.31	0.0	6.64	1092.91	1298.76	0.3
*	5020.000	50.00	0.0	0.0	327.00	634.30	638.58	638.58	6.28	1141.50	1336.82	0.0
*	5020.000	50.00	0.0	0.0	593.00	634.30	638.83	638.83	7.42	1139.93	1337.77	0.2
*	5020.000	50.00	0.0	0.0	731.00	634.30	638.93	638.93	7.82	1139.31	1338.15	0.1
*	5020.000	50.00	0.0	0.0	1068.00	634.30	639.14	639.14	8.63	1138.03	1338.93	0.2
	5062.000	42.00	640.10	638.80	327.00	634.30	641.25	0.0	0.59	1124.82	1346.93	0.0
	5062.000	42.00	640.10	638.80	593.00	634.30	641.78	0.0	0.87	1121.45	1348.98	0.5
	5062.000	42.00	640.10	638.80	731.00	634.30	642.00	0.0	1.00	1120.13	1354.22	0.2
	5062.000	42.00	640.10	638.80	1068.00	634.30	642.45	0.0	1.26	1117.36	1365.54	0.4
	5112.000	50.00	0.0	0.0	327.00	634.50	641.23	0.0	1.01	1084.50	1303.80	0.0
	5112.000	50.00	0.0	0.0	593.00	634.50	641.78	0.0	1.49	1041.11	1305.83	0.5
	5112.000	50.00	0.0	0.0	731.00	634.50	642.00	0.0	1.70	1079.76	1306.64	0.2
	5112.000	50.00	0.0	0.0	1068.00	634.50	642.45	0.0	2.16	1076.91	1308.34	0.4
C	5162.000	50.00	0.0	0.0	327.00	634.80	641.23	0.0	1.15	1066.38	1302.67	0.0
C	5162.000	50.00	0.0	0.0	593.00	634.80	641.79	0.0	1.66	1082.98	1304.71	0.5
C	5162.000	50.00	0.0	0.0	731.00	634.80	642.01	0.0	1.89	1061.62	1305.52	0.2
C	5162.000	50.00	0.0	0.0	1068.00	634.80	642.46	0.0	2.35	1073.76	1307.24	0.4

FL20,000	50.00	0.0	0.0	1020.00	652.00	642.27	0.0	0.0	1077.00	1278.00	1077.70	0.0
5112.000	50.00	0.0	0.0	327.00	634.50	641.25	0.0	1.01	1084.50	1303.80	611.27	0.0
5112.000	50.00	0.0	0.0	593.00	634.50	641.78	0.0	1.49	1041.11	1305.83	730.09	0.5
5112.000	50.00	0.0	0.0	731.00	634.50	642.00	0.0	1.70	1079.76	1306.64	778.21	0.21
5112.000	50.00	0.0	0.0	1068.00	634.50	642.45	0.0	2.16	1076.91	1308.34	881.21	0.45
5162.000	50.00	0.0	0.0	327.00	634.80	641.25	0.0	1.15	1086.38	1302.67	546.51	0.0
C 5162.000	50.00	0.0	0.0	593.00	634.80	641.70	0.0	1.66	1082.98	1304.71	664.09	0.54
5162.000	50.00	0.0	0.0	731.00	634.80	642.01	0.0	1.89	1081.62	1305.52	711.91	0.22
5162.000	50.00	0.0	0.0	1068.00	634.80	642.46	0.0	2.36	1078.76	1307.24	814.23	0.45

SECHO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* 7021.000	1859.00	0.0	0.0	309.00	652.00	655.58	655.58	8.35	1240.01	1257.33	57.02	0.0
* D 7021.000	1859.00	0.0	0.0	562.00	652.00	656.71	656.71	9.52	1238.32	1259.69	59.03	1.14
* 7021.000	1859.00	0.0	0.0	695.00	652.00	657.21	657.21	9.91	1237.57	1260.72	70.14	0.50
* 7021.000	1859.00	0.0	0.0	1020.00	652.00	658.70	658.70	8.12	1158.55	1263.80	178.12	1.49
7071.000	50.00	0.0	0.0	309.00	652.30	656.63	0.0	6.03	1238.88	1258.91	51.27	0.0
7071.000	50.00	0.0	0.0	562.00	652.30	657.88	0.0	7.14	1237.04	1261.46	78.69	1.24
7071.000	50.00	0.0	0.0	695.00	652.30	658.56	657.49	6.77	1162.63	1262.89	133.04	0.68
7071.000	50.00	0.0	0.0	1020.00	652.30	659.13	0.0	7.67	1157.38	1265.22	191.46	0.57
* 7121.000	50.00	0.0	0.0	309.00	653.70	657.10	657.10	10.06	1241.50	1252.71	51.05	0.0
* 7121.000	50.00	0.0	0.0	562.00	653.70	658.95	658.95	10.40	1236.87	1258.32	61.29	1.85
* 7121.000	50.00	0.0	0.0	695.00	653.70	660.03	660.03	8.01	1160.96	1261.59	129.42	1.08
* 7121.000	50.00	0.0	0.0	1020.00	653.70	660.51	660.51	8.74	1156.56	1263.36	178.51	0.47
* 7178.000	57.00	661.70	659.70	309.00	653.70	657.16	0.0	9.88	1241.35	1252.90	31.74	0.0
7178.000	57.00	661.70	659.70	562.00	653.70	661.40	0.0	2.86	1148.23	1299.80	295.74	4.24
7178.000	57.00	661.70	659.70	695.00	653.70	662.54	0.0	2.05	1137.66	1308.54	479.00	1.14
7178.000	57.00	661.70	659.70	1020.00	653.70	663.23	0.0	2.30	1131.28	1327.41	604.57	0.69
7228.000	50.00	0.0	0.0	309.00	652.00	658.62	0.0	1.18	1314.90	1529.80	341.39	0.0
7228.000	50.00	0.0	0.0	562.00	652.00	661.48	0.0	0.82	1265.47	1631.16	1207.07	2.66
7228.000	50.00	0.0	0.0	695.00	652.00	662.58	0.0	0.76	1245.05	1649.38	1629.96	1.10
7228.000	50.00	0.0	0.0	1020.00	652.00	663.27	0.0	0.96	1232.09	1660.94	1920.34	0.70
7278.000	50.00	0.0	0.0	309.00	652.20	658.82	0.0	1.28	1318.54	1527.27	340.05	0.0
F 7278.000	50.00	0.0	0.0	562.00	652.20	661.48	0.0	0.87	1269.04	1627.98	1157.45	2.66
7278.000	50.00	0.0	0.0	695.00	652.20	662.58	0.0	0.80	1248.70	1646.12	1551.27	1.10
7278.000	50.00	0.0	0.0	1020.00	652.20	663.27	0.0	1.00	1235.73	1657.69	1857.04	0.70
* 8175.000	963.00	0.0	0.0	214.00	663.90	667.12	667.12	0.10				

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	7278.000	50.00	0.0	0.0	1020.00	652.00	663.27	0.0	0.96	1232.09	1660.94	1920.34	0.70
	7278.000	50.00	0.0	0.0	309.00	652.20	658.82	0.0	1.28	1318.54	1527.27	340.05	0.0
	7278.000	50.00	0.0	0.0	562.00	652.20	661.48	0.0	0.87	1269.04	1627.98	1137.45	2.61
	7278.000	50.00	0.0	0.0	695.00	652.20	662.58	0.0	0.80	1248.70	1646.12	1551.27	1.10
	7278.000	50.00	0.0	0.0	1020.00	652.20	663.27	0.0	1.00	1235.73	1657.69	1837.04	0.70
	* 8175.000	963.00	0.0	0.0	214.00	663.90	667.12	667.12	8.14	1168.35	1181.20	26.29	0.0
	* 8175.000	963.00	0.0	0.0	399.00	663.90	668.27	668.27	9.28	1166.91	1183.05	42.97	1.16
	* 8175.000	963.00	0.0	0.0	501.00	663.90	669.31	669.31	7.17	1091.42	1184.73	101.69	1.04
	* 8175.000	963.00	0.0	0.0	753.00	663.90	669.78	669.78	8.10	1086.45	1185.48	146.82	0.47
	8225.000	50.00	0.0	0.0	214.00	664.50	668.13	0.0	6.71	1167.83	1181.87	31.89	0.0
	8225.000	50.00	0.0	0.0	399.00	664.50	669.33	668.78	7.82	1097.53	1183.80	54.62	1.20
	* 8225.000	50.00	0.0	0.0	501.00	664.50	669.94	669.94	7.05	1091.13	1184.77	104.20	0.60
	* 8225.000	50.00	0.0	0.0	753.00	664.50	670.42	670.42	7.89	1085.97	1185.56	151.26	0.45
	* 8275.000	50.00	0.0	0.0	214.00	665.60	670.69	670.69	6.34	1270.76	1359.37	55.93	0.0
	* 8275.000	50.00	0.0	0.0	399.00	665.60	671.11	671.11	7.53	1266.34	1360.36	94.03	0.42
	* 8275.000	50.00	0.0	0.0	501.00	665.60	671.27	671.27	8.07	1264.66	1360.74	109.07	0.16
	* 8275.000	50.00	0.0	0.0	753.00	665.60	671.61	671.61	8.93	1251.08	1376.18	142.38	0.34
	8325.000	50.00	672.10	669.60	214.00	665.60	672.87	0.0	1.03	1254.35	1404.83	307.84	0.0
	8325.000	50.00	672.10	669.60	399.00	665.60	673.36	0.0	1.47	1252.48	1418.69	386.86	0.50
	8325.000	50.00	672.10	669.60	501.00	665.60	673.57	0.0	1.68	1251.75	1424.10	419.80	0.26
	8325.000	50.00	672.10	669.60	753.00	665.60	673.98	0.0	2.10	1250.19	1435.60	493.91	0.41
	8375.000	50.00	0.0	0.0	214.00	666.10	672.86	0.0	1.44	1080.33	1212.68	251.65	0.0
	8375.000	50.00	0.0	0.0	399.00	666.10	673.35	0.0	2.14	1078.54	1220.89	319.51	0.49
	8375.000	50.00	0.0	0.0	501.00	666.10	673.55	0.0	2.47	1077.81	1224.23	348.44	0.20
	8375.000	50.00	0.0	0.0	753.00	666.10	673.96	0.0	3.18	1076.34	1231.01	409.66	0.41

	SECR0	XLCH	ELTRD	ELLC	0	ELMIN	CWSEL	CRHS	VCH	SSTA	EMST	AREA	DIFWSP
	8425.000	50.00	0.0	0.0	214.00	666.60	672.86	0.0	1.85	1082.36	1204.44	186.90	0.0
	8425.000	50.00	0.0	0.0	399.00	666.60	673.36	0.0	2.67	1080.31	1212.74	252.37	0.50
	8425.000	50.00	0.0	0.0	501.00	666.60	673.56	0.0	3.05	1079.58	1216.14	279.75	0.20
	8425.000	50.00	0.0	0.0	753.00	666.60	673.97	0.0	3.83	1078.08	1223.02	357.86	0.41
	8546.000	121.00	0.0	0.0	101.00	669.40	672.88	0.0	2.49	1089.52	1103.91	40.49	0.0
	8546.000	121.00	0.0	0.0	205.00	669.40	673.32	0.0	4.37	1088.00	1103.91	0.0	0.0

SECNO	XLCH	ELTRD	ELLC	Q	ELRIN	CWSEC	CRWS	VCR	SSTA	ENST	AREA	DIFWSP
8425.000	50.00	0.0	0.0	214.00	666.60	672.86	0.0	1.85	1082.36	1204.44	188.90	0.0
8425.000	50.00	0.0	0.0	399.00	666.60	673.36	0.0	2.67	1080.31	1212.74	252.37	0.50
G 8425.000	50.00	0.0	0.0	501.00	666.60	673.56	0.0	3.05	1079.58	1216.14	279.75	0.20
8425.000	50.00	0.0	0.0	753.00	666.60	673.97	0.0	3.83	1078.08	1223.02	337.86	0.41
8546.000	121.00	0.0	0.0	101.00	669.40	672.88	0.0	2.49	1089.52	1103.91	40.49	0.0
8546.000	121.00	0.0	0.0	205.00	669.40	673.32	0.0	4.37	1089.20	1104.27	46.88	0.44
H 8546.000	121.00	0.0	0.0	277.00	669.40	673.43	0.0	5.70	1089.12	1104.36	48.50	0.11
8546.000	121.00	0.0	0.0	430.00	669.40	673.50	0.0	8.68	1089.07	1104.42	49.56	0.07
8596.000	50.00	0.0	0.0	101.00	670.20	672.91	0.0	3.39	1090.09	1103.26	29.82	0.0
8596.000	50.00	0.0	0.0	205.00	670.20	673.41	0.0	5.61	1089.72	1103.68	36.57	0.50
8596.000	50.00	0.0	0.0	277.00	670.20	673.58	0.0	7.11	1089.60	1103.82	38.99	0.18
8596.000	50.00	0.0	0.0	430.00	670.20	674.01	0.0	9.50	1089.28	1104.18	45.26	0.42
* 8646.000	50.00	0.0	0.0	101.00	671.10	672.80	672.80	7.44	1197.00	1205.00	13.58	0.0
* 8646.000	50.00	0.0	0.0	205.00	671.10	673.83	673.83	9.38	1197.00	1205.00	21.85	1.03
* 8646.000	50.00	0.0	0.0	277.00	671.10	674.55	674.55	9.98	1195.87	1206.26	28.17	0.72
* 8646.000	50.00	0.0	0.0	430.00	671.10	676.20	676.20	6.86	1127.42	1220.93	95.88	1.65
* 8694.000	48.00	680.60	677.10	101.00	671.10	672.88	0.0	7.09	1197.00	1205.00	14.24	0.0
* 8694.000	48.00	680.60	677.10	205.00	671.10	673.95	0.0	8.98	1197.00	1205.00	22.83	1.07
8694.000	48.00	680.60	677.10	277.00	671.10	674.57	0.0	9.93	1195.83	1206.30	28.34	0.62
8694.000	48.00	680.60	677.10	430.00	671.10	676.20	0.0	6.85	1127.42	1220.98	96.02	1.63
8744.000	50.00	0.0	0.0	101.00	671.90	673.78	0.0	5.23	1090.70	1102.56	19.30	0.0
8744.000	50.00	0.0	0.0	205.00	671.90	675.23	0.0	5.38	1089.64	1103.77	38.09	1.45
8744.000	50.00	0.0	0.0	277.00	671.90	676.08	0.0	5.47	1089.02	1104.47	50.63	0.85
8744.000	50.00	0.0	0.0	430.00	671.90	676.03	0.0	8.60	1089.05	1104.44	49.98	-0.05
8794.000	50.00	0.0	0.0	101.00	672.70	674.26	674.23	6.46	1090.93	1102.30	15.63	0.0
8794.000	50.00	0.0	0.0	205.00	672.70	675.41	0.0	6.86	1090.08	1103.27	29.87	1.15
I 8794.000	50.00	0.0	0.0	277.00	672.70	676.21	0.0	6.78	1089.50	1103.93	40.85	0.80
8794.000	50.00	0.0	0.0	430.00	672.70	676.52	0.0	9.49	1089.28	1104.18	45.30	0.31
* 8978.000	184.00	0.0	0.0	30.00	677.20	679.16	679.16	5.70	1195.55	1200.91	5.26	0.0
* 8978.000	184.00	0.0	0.0	69.00	677.20	679.99	679.99	6.44	1190.94	1202.84	11.40	0.85
* 8978.000	184.00	0.0	0.0	95.00	677.20	680.41	680.41	6.53	1186.65	1206.57	18.00	0.41
* 8978.000	184.00	0.0	0.0	167.00	677.20	681.08	681.08	7.11	1179.70	1212.63	35.90	0.67
* 9028.000	50.00	0.0	0.0	30.00	679.60	681.57	681.57	5.68	1195.54	1200.91	5.28	0.0
* 9028.000	50.00	0.0	0.0	69.00	679.60	682.39	682.39	6.45	1190.96	1202.83	11.37	0.83
* 9028.000	50.00	0.0	0.0	95.00	679.60	682.81	682.81	6.52	1186.64	1206.59	18.03	0.42
* 9028.000	50.00	0.0	0.0	167.00	679.60	683.46	683.46	7.21	1179.91	1212.44	35.12	0.65
* 9078.000	50.00	0.0	0.0	30.00	682.00	684.12	684.12	6.34	1518.40	1523.97	5.63	0.0
* 9078.000	50.00	0.0	0.0	69.00	682.00	685.02	685.02	6.56	1511.54	1527.91	11.04	0.0

MADE IN U.S.A.

	* 8978.000	184.00	0.0	0.0	95.00	677.20	680.41	680.41	6.53	1186.65	1206.57	18.00	0.41
	* 8978.000	184.00	0.0	0.0	167.00	677.20	681.08	681.08	7.11	1179.70	1212.63	35.80	0.67
	* 9028.000	50.00	0.0	0.0	30.00	679.60	681.57	681.57	5.68	1195.54	1200.91	5.28	0.0
	* 9028.000	50.00	0.0	0.0	69.00	679.60	682.39	682.39	6.45	1190.96	1202.83	11.37	0.8
	* 9028.000	50.00	0.0	0.0	95.00	679.60	682.81	682.81	6.52	1186.64	1206.59	18.03	0.42
	* 9028.000	50.00	0.0	0.0	167.00	679.60	683.46	683.46	7.21	1179.91	1212.44	35.12	0.65
	* 9078.000	50.00	0.0	0.0	30.00	682.00	684.12	684.12	6.34	1518.40	1523.98	5.65	0.0
	* 9078.000	50.00	0.0	0.0	69.00	682.00	685.02	685.02	6.56	1511.56	1527.91	14.09	0.90
	* 9078.000	50.00	0.0	0.0	95.00	682.00	685.29	685.29	6.97	1508.80	1530.31	19.16	0.27
	* 9078.000	50.00	0.0	0.0	167.00	682.00	685.82	685.82	7.47	1503.36	1535.05	33.17	0.53
	* 9403.000	325.00	696.60	692.70	30.00	690.70	692.90	0.0	5.92	1518.29	1524.11	6.09	0.0
	9403.000	325.00	696.60	692.70	69.00	690.70	696.86	0.0	0.60	1478.21	1786.90	180.97	3.90
	9403.000	325.00	696.60	692.70	95.00	690.70	696.98	0.0	0.75	1476.88	1805.45	210.79	0.13
	9403.000	325.00	696.60	692.70	167.00	690.70	697.18	0.0	1.13	1474.75	1817.99	266.80	0.20

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
	* 9453.000	50.00	0.0	0.0	30.00	693.10	695.06	695.06	5.70	1195.55	1200.91	5.28	0.0
	9453.000	50.00	0.0	0.0	69.00	693.10	696.76	0.0	3.43	1182.00	1210.63	28.94	1.6
	9453.000	50.00	0.0	0.0	95.00	693.10	696.80	0.0	4.58	1181.57	1211.00	30.16	0.0
	* 9453.000	50.00	0.0	0.0	167.00	693.10	696.96	696.96	7.24	1179.97	1212.39	34.92	0.1
	* 9503.000	50.00	0.0	0.0	30.00	695.50	697.47	697.47	5.68	1195.54	1200.91	5.28	0.0
	* 9503.000	50.00	0.0	0.0	69.00	695.50	698.29	698.29	6.45	1190.96	1202.83	11.37	0.8
	* 9503.000	50.00	0.0	0.0	95.00	695.50	698.71	698.71	6.53	1186.67	1206.56	17.97	0.4
	* 9503.000	50.00	0.0	0.0	167.00	695.50	699.37	699.37	7.16	1179.80	1212.54	35.46	0.6
	* 9778.000	275.00	0.0	0.0	30.00	706.30	707.78	707.78	5.66	1255.46	1260.85	5.30	0.0
	* 9778.000	275.00	0.0	0.0	69.00	706.30	708.66	708.66	6.19	1247.38	1261.95	12.54	0.8
	* 9778.000	275.00	0.0	0.0	95.00	706.30	709.03	709.03	6.35	1241.17	1264.16	19.50	0.3
	* 9778.000	275.00	0.0	0.0	167.00	706.30	709.63	709.63	7.08	1231.19	1268.08	37.44	0.6

SUMMARY OF ERRORS

U.S.A.