

PLANNING DEPARTMENT
Cumberland County

**Cumberland County
Subdivision and Land Development
Review Report**

Cumberland County Planning Department
310 Allen Road, Suite 101
Carlisle, PA 17013
Telephone: (717) 240-5362

Municipality:	Date Received:	Date Reviewed:	Reviewed By:	Plan Number:
Southampton Township	8/22/2022	9/6/2022	SH	22-113
Plan Title:				
Southwood Crossing Phase 9				
Plan Status:		Plan Type:		
Final		Subdivision Plan		
Comments and Recommendations:				

1. Each of the proposed driveways should include a clear sight triangle (SLDO 401.5.B and 401.16).
2. The required and provided sight distances should be shown at all street intersections on the plan (SLDO 401.7).
3. The township should require sidewalks in higher density residential developments (SLDO 506).
4. It is recommended that a note regarding all of the easements be included on the property deeds.
5. Cumberland County strives to create the most accurate public records possible. The following electronic AutoCAD files (.dwg) are **required** by the Planning Department prior to or at the time of recording any plan. Please note that **the Planning Department will not sign the plan for recording** until this information is emailed to planningreviews@ccpa.net. Links to online file downloads are acceptable. Applicants are required to provide the following files:
 - **Parcel boundaries**
 - **Lot lines**
 - **Building footprints**
 - **Road rights-of-ways**
 - **Edge of pavement**
 - **Declaration of planned communities/condominiums documents (including amendments)**

Location Map
Scale 1" = 2000'

0' 2000' 4000' 6000'

RINE LAND DEVELOPMENT, INC.
(OWNER/DEVELOPER)

OWNER/DEVELOPER
106 SOUTH CONESTOGA DRIVE
SHIPPENSBURG, PA 17257
(717)-532-3810

CONTACT PERSON
DARRIN G. RINE
19 INDEPENDENCE DRIVE
SHIPPENSBURG, PA 17257
(717)-532-2024

PHASING SCHEDULE

PHASE 1 – 2010
27 SINGLE FAMILY LOTS
A1-W9, B1-B11, C1-C3, L27-L30
10.8± AC
SOUTHWOOD DRIVE 10+00 – 29+70
FULLY INSTALL
PAVING WEARING COURSE
WOODBRIDGE DRIVE 10+00 – 13+14
FULLY INSTALLED EXCEPT FOR
PAVING WEARING COURSE
SOUTHWOOD DRIVE 52+18 – 62+65
SUBGRADE ONLY W/ONE LANE STONE
MILKY WAY
SUBGRADE ONLY W/ONE LANE STONE
E&S CONTROL/STORMWATER
BASIN #1 INSTALLED

PHASE 2 – 2014
17 SINGLE FAMILY LOTS
C13-C22, F26, H1, H2, H23, H24, I1, I-16
6± AC
SOUTHWOOD DRIVE 52+18 – 62+65
FULLY INSTALL
MILKY WAY 10+00 – 12+02.30
FULLY INSTALL
JELENA ROAD 10+00 – 11+44 &
27+35 ± 27+48.64, 8" OF 24
STONE AGGREGATE ONLY

PHASE 3 – 2018
15 SINGLE FAMILY LOTS
H3-H22, I2-115
11.24 AC
JELENA ROAD 10+18 – 27+50.64
FULLY INSTALL

PHASE 4 – JULY 2021
28 SINGLE FAMILY LOTS
B12-B17, D1-D12, E1-E10
12.98 AC
SOUTHWOOD DRIVE 29+70 – 42+04
FULLY INSTALL
E&S CONTROL/STORMWATER
BASIN #2 MUST BE INSTALLED

PHASE 5 – MARCH 2022
35 SINGLE FAMILY LOTS
D13-D21, E11-E16, F1-F10,
G1-G3, G11-G17
11.0 AC
SOUTHWOOD DRIVE 42+04 – PHASE 2
FULLY INSTALL
EDGEWOOD DRIVE 11+08 – SOUTHWOOD DRIVE
SUBGRADE ONLY
TREELINE DRIVE 10+00 – 18+58
FULLY INSTALL
E&S CONTROL/STORMWATER
BASIN #3 MUST BE INSTALLED

PHASE 6 – UNDER REVIEW
22 SINGLE FAMILY LOTS
F11-F25, G4-G10,
H1-H4
4.91 AC
EDGEWOOD DRIVE 12+75 TO CUL-DE-SAC
FULLY INSTALL

PHASE 7 – UNDER REVIEW
38 SINGLE FAMILY LOTS
C4-C12, D22-D35, J1-J15
12.86 AC
EDGEWOOD DRIVE 10+00 – 12+75
FULLY INSTALL
CHRISTA CIRCLE
FULLY INSTALL

PHASE 8 – PREVIOUS SUBMISSION
36 SINGLE FAMILY LOTS
1 RAIN GARDEN LOT, 1 OPEN SPACE LOT
O1-O19, R1-R4, R6-R19, P-O5
13.95 AC
EAST CLARISSA DRIVE 10+00 – 25+34
FULLY INSTALL
RINE DRIVE 10+00 – 13+28
FULLY INSTALL

PHASE 9 – THIS SUBMISSION, FINAL PHASE
10 SINGLE FAMILY LOTS
31 CONDITIONAL USE/CLUSTER LOTS
P1-P31, Q1-Q8, R5
12.93 AC
RINE DRIVE 13+28 – 21+70
FULLY INSTALL
WOODBRIDGE DRIVE 25+25 – 39+53
FULLY INSTALL

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	N 58°51'00" W	170.31	L26	S 10°31'00" E	457.50'
L2	S 29°00'00" W	248.56'	L27	S 11°18'00" E	1486.00'
L3	S 42°37'00" W	79.36	L28	S 10°00'00" E	1041.15'
L4	S 58°43'00" W	129.28	L29	S 38°30'00" W	209.00'
L5	S 73°30'00" W	87.57	L30	N 45°36'10" W	104.00'
L6	N 89°04'00" W	89.07	L31	N 45°54'45" W	103.95'
L7	N 72°52'15" W	26.12	L32	N 45°50'00" W	89.15'
L8	S 84°33'17" E	86.92	L33	S 45°03'25" W	238.55'
L9	N 29°52'30" E	51.91	L34	N 45°50'40" W	571.20'
L10	N 60°07'30" W	50.00	L35	S 49°28'05" W	338.55'
L11	N 29°52'30" E	50.00	L36	N 45°50'00" W	299.50'
L12	S 62°01'40" E	50.03	L37	N 73°37'00" W	161.69'
L13	N 29°52'30" E	82.72	L38	N 72°47'25" W	99.95'
L14	S 82°10'35" W	118.55	L39	N 72°58'25" W	143.80'
L15	S 01°14'00" W	32.71	L40	N 72°47'40" W	144.35'
L16	N 02°34'10" W	325.71	L41	N 17°07'47" E	508.27'
L17	N 12°15'25" E	182.70	L42	S 89°39'00" E	232.23'
L18	S 77°44'35" E	130.00	L43	S 85°42'00" E	94.67'
L19	N 12°15'25" E	182.70	L44	S 73°00'00" E	51.77'
L20	N 77°44'35" E	35.00	L45	N 53°09'00" E	190.72'
L21	N 12°15'25" E	85.00	L46	N 36°51'00" W	79.39'
L22	S 77°44'35" E	633.50	L47	S 36°51'00" E	99.95'
L23	S 74°05'00" W	355.55	L48	N 51°33'00" E	111.55'
L24	S 47°38'00" W	355.55	L49	N 21°51'00" E	278.82'
L25	S 84°57'00" E	588.10	L50	N 61°00'00" W	49.53'

NOTES:

THE PURPOSE OF THIS SUBMISSION IS TO OBTAIN FINAL PLAN APPROVAL FOR PARCEL E, PHASE 9 OF SOUTHWOOD CROSSING.

1 A PRELIMINARY SUBDIVISION PLAN FOR SOUTHWOOD CROSSING WAS PREVIOUSLY
2 APPROVED BY THE SOUTHWOOD TOWNSHIP SUPERVISORS ON APRIL 1, 2008.
3 AN OVERALL SANITARY SEWER PLAN FOR SOUTHWOOD CROSSING WAS RECEIVED
4 BY SOUTHWOOD TOWNSHIP ON APRIL 16, 2008.
5 AN OVERALL WATER MAIN PLAN FOR SOUTHWOOD CROSSING WAS RECEIVED
6 BY SOUTHWOOD TOWNSHIP ON APRIL 24, 2008.
7 THE FIRST CONSTRUCTION WATER MAIN AND SANITARY SEWER PLAN FOR SOUTHWOOD CROSSING
8 WAS APPROVED BY THE CUMBERLAND COUNTY CONSERVATION DISTRICT ON JULY 2, 2008.
9 NPDES PERMIT #PAG-02-0021-08-019 FOR STORMWATER DISCHARGES ASSOCIATED WITH
10 CONSTRUCTION ACTIVITIES WAS ISSUED BY THE CUMBERLAND COUNTY CONSERVATION
11 DISTRICT ON JULY 2, 2008.
12 NPDES PERMIT #PAC210074 WAS ISSUED BY THE CUMBERLAND COUNTY CONSERVATION
13 DISTRICT ON MAY 9, 2018. EXPIRATION DATE, MAY 8, 2023.

14 PA DEPARTMENT OF ENVIRONMENTAL PROTECTION PLANNING MODULE FOR NEW LAND
15 DEVELOPMENT, MAP CODE #A3-21928-376-3, WAS APPROVED ON OCT. 29, 2008.
16 A PA DEPARTMENT OF ENVIRONMENTAL PROTECTION WATER QUALITY MANAGEMENT PERMIT
17 #A3-21928-376-3 WAS APPROVED BY THE PA DEPARTMENT OF ENVIRONMENTAL PROTECTION
18 ON OCT. 29, 2008. EXPIRATION DATE, OCT. 29, 2013.
19 THE DEW SEWAGE PLANNING MODULE WAS APPROVED OCT. 29, 2008. DEW CODE NO.
20 A3-21928-376-3

21 AN OVERALL PLAN FOR SOUTHWOOD CROSSING, (PHASE 1) WAS PREVIOUSLY APPROVED
22 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS ON DEC. 16, 2010. SAID PLAN IS RECORDED
23 AS INSTRUMENT #201033764.

24 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PARCEL D AND E) WAS PREVIOUSLY
25 APPROVED BY THE SOUTHWOOD TOWNSHIP SUPERVISORS ON DEC. 23, 2013. SAID PLAN IS
26 RECORDED AS INSTRUMENT #201340320.

27 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 2) WAS PREVIOUSLY APPROVED
28 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS AND RECORDED AS INSTRUMENT #201715971.

29 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 3) WAS PREVIOUSLY APPROVED
30 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS AND RECORDED AS INSTRUMENT #201816365.

31 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 4) WAS PREVIOUSLY APPROVED
32 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS AND RECORDED AS INSTRUMENT #202126311.

33 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 5) WAS PREVIOUSLY APPROVED
34 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS AND RECORDED AS INSTRUMENT #202209075.

35 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 6) WAS PREVIOUSLY APPROVED
36 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS AND RECORDED AS INSTRUMENT #202209075.

37 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 7) IS CURRENTLY UNDER REVIEW
38 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS.

39 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 8) IS CURRENTLY UNDER REVIEW
40 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS.

41 A FINAL SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, (PHASE 9) IS CURRENTLY UNDER REVIEW
42 BY THE SOUTHWOOD TOWNSHIP SUPERVISORS.

PARCEL "E"

CURVE	ADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE	TANGENT
C1	225.0'	95.94'	95.21'	N 17°39'36"E	24°23'47"	48.71'
C2	525.0'	202.06'	200.81'	N 18°50'58"E	23°30'05"	102.29'
C3	35.0'	54.98'	54.19'	N 90°00'00"E	90°00'00"	30.71'
C4	35.0'	50.41'	46.17'	N 78°05'55"E	82°31'44"	30.71'
C5	465.0'	121.24'	120.9'	S 37°09'00"E	1°45'21"	6.93'
C6	275.0'	46.17'	46.17'	S 04°24'55"W	82°31'44"	30.71'
C7	275.0'	7.07'	7.07'	S 53°30'00"E	1°03'30"	35.57'
C8	175.0'	21.84'	21.82'	N 64°34'30"W	7°09'00"	10.93'
C9	35.0'	54.98'	49.50'	S 74°00'00"W	90°00'00"	35.00'
C10	35.0'	54.98'	54.19'	S 90°04'30"W	90°04'30"	30.71'

NOTES:

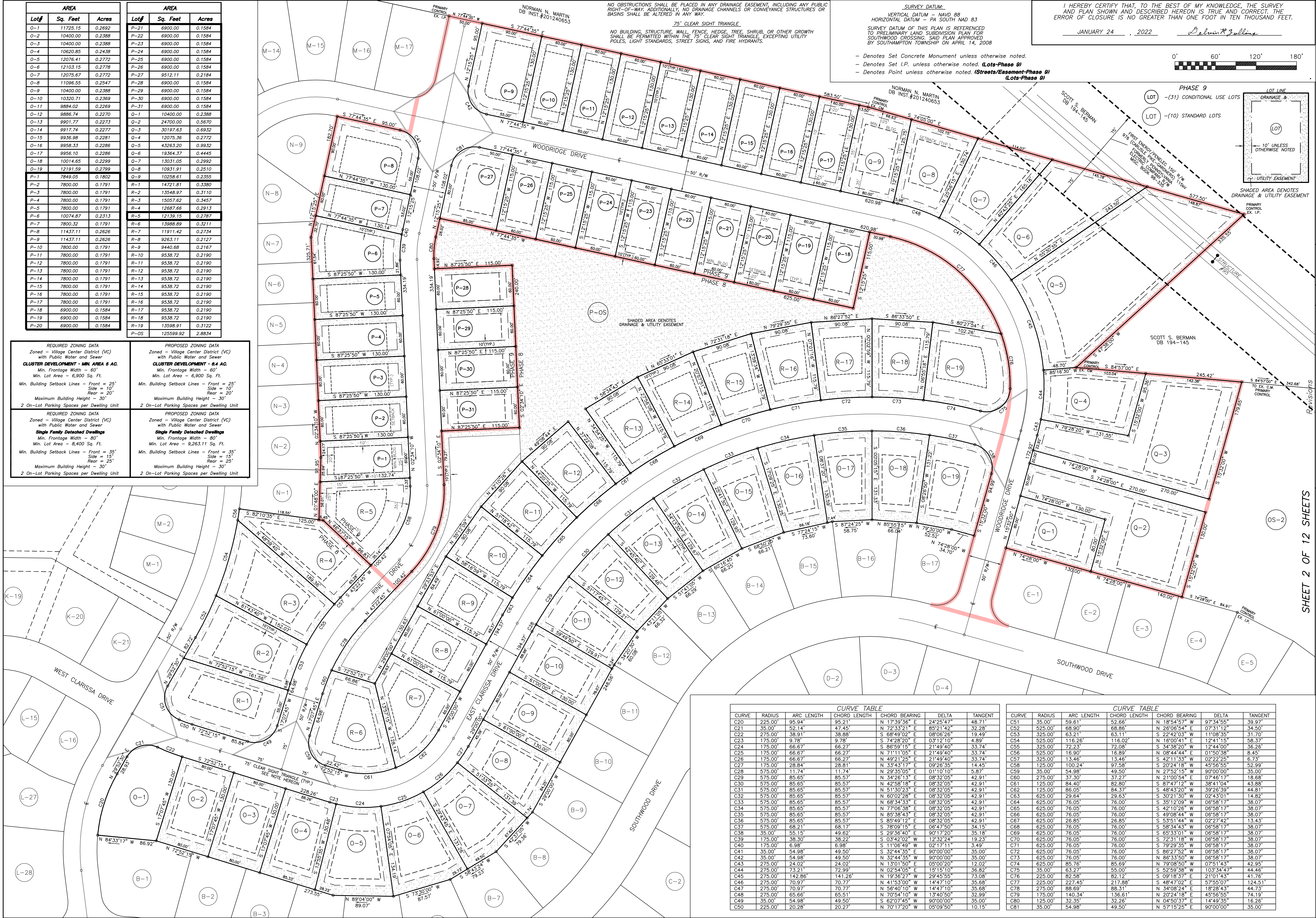
14 - A WAIVER REQUEST WAS GRANTED BY THE SOUTHWEST TOWNSHIP SUPERVISORS DURING
THE PRELIMINARY SUBDIVISION APPROVAL PROCESS PERMITTING 0.25" PER FOOT ON THE
STREET SHOULDERS. (7-332)
15 - A POST-CONSTRUCTION STORMWATER MANAGEMENT PLAN WAS APPROVED FOR THIS COMPLETE
PROJECT DURING THE PRELIMINARY PLAN APPROVAL APPROVAL BY THE CUMBERLAND COUNTY
CONSTRUCTION DISTRICTION DISTRICT ONLY.
16 - A WETLAND INVESTIGATION WAS PERFORMED PRIOR TO PRELIMINARY APPROVAL AND A SMALL
WETLAND AREA WAS DELINEATED AS SHOWN HEREON. THIS AREA IS LOCATED OUTSIDE OF
PROPOSED CONSTRUCTION PHASE
17 - ALL OF PARCEL "E" IS LOCATED IN ZONE X, (AREAS OUTSIDE THE 500 YEAR FLOOD PLAIN)
ACCORDING TO FEMA MAPPING PANEL #42041003081E.
18 - ANYWHERE EXISTING AND KNOW-OF-WAY HAVE BEEN SHOWN ON THIS PLAN,
AND ALL UTILITIES HAVE BEEN CONTACTED AS REQUIRED BY PA ACT 172 OF 1986.
19 - ALL STREET SIGNS, TRAFFIC CONTROL, SIGNAGE AND PAVEMENT MARKINGS SHOWN ON THIS PLAN
AND/OR REQUIRED BY THE TOWNSHIP OR STATE, WILL BE PURCHASED AND INSTALLED AT THE
DEVELOPER'S EXPENSE.
20 - PARCEL "E" CONSISTS OF PHASE 2 THROUGH PHASE 3, PARCEL "D" CONSISTS OF PHASE D-1,
D-2, D-3 & D-4. THESE PARCELS, PHASE LINES AND OPEN SPACE LOTS ARE SHOWN ABOVE.
21 - ALL GOOD AND BLACK TOP DRIVEWAYS AND DRIVEWAYS ARE SHOWN ABOVE. A MUD-FREE
OR OTHERWISE PERMANENTLY PASSABLE CONDITION PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE LOTS
THEY SERVE. PLACEMENT OF THE BITUMINOUS BASE COURSE ON ALL ROADWAYS WILL BE COMPLETED PRIOR
TO THE ISSUANCE OF THE BUILDING PERMITS FOR THE LOTS THEY SERVE.
22 - THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION AND MAINTENANCE OF THE EROSION
AND SEDIMENTATION CONTROL/STORMWATER MANAGEMENT PLAN DURING CONSTRUCTION. AT SUCH TIME THE STREETS ARE
DEDICATED TO SOUTHWEST TWP. RESPONSIBILITY FOR STORMWATER MAINTENANCE OF STRUCTURES LOCATED WITHIN
THEIR LOTS WILL BE THE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR. THE DEVELOPER/CONTRACTOR WILL BE
RESPONSIBLE FOR MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES THAT ARE NOT LOCATED WITHIN DEDICATED
INDIVIDUAL LOTS. THE DEVELOPER/CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE GROUND SURFACE ON THEIR LOTS SO THAT IT
DOES NOT IMPED THE FREE FLOW OF STORMWATER RUNOFF.

Location Map
Scale 1" = 2000'

0' 2000' 4000' 6000'

AREA			AREA		
Lot#	Sq. Feet	Acres	Lot#	Sq. Feet	Acres
O-1	11725.15	0.2692	P-21	6900.00	0.1584
O-2	10400.00	0.2388	P-22	6900.00	0.1584
O-3	10400.00	0.2388	P-23	6900.00	0.1584
O-4	10620.85	0.2438	P-24	6900.00	0.1584
O-5	12076.41	0.2772	P-25	6900.00	0.1584
O-6	12103.15	0.2778	P-26	6900.00	0.1584
O-7	12075.67	0.2772	P-27	9512.11	0.2184
O-8	11096.55	0.2547	P-28	6900.00	0.1584
O-9	10400.00	0.2388	P-29	6900.00	0.1584
O-10	10320.71	0.2369	P-30	6900.00	0.1584
O-11	9894.02	0.2269	P-31	6900.00	0.1584
O-12	9886.74	0.2270	O-1	10400.00	0.2388
O-13	9901.77	0.2273	O-2	24700.00	0.5670
O-14	9917.74	0.2277	O-3	30197.63	0.6932
O-15	9936.98	0.2281	O-4	12075.36	0.2772
O-16	9958.33	0.2286	O-5	43263.20	0.9932
O-17	9956.10	0.2286	O-6	19364.37	0.4445
O-18	10014.65	0.2299	O-7	13031.05	0.2992
O-19	12191.59	0.2799	O-8	10931.91	0.2510
P-1	7849.05	0.1802	O-9	10258.61	0.2355
P-2	7800.00	0.1791	R-1	14721.81	0.3380
P-3	7800.00	0.1791	R-2	13548.97	0.3110
P-4	7800.00	0.1791	R-3	15057.62	0.3457
P-5	7800.00	0.1791	R-4	12687.66	0.2913
P-6	10074.67	0.2313	R-5	12139.15	0.2787
P-7	7800.32	0.1791	R-6	13988.89	0.3211
P-8	11437.11	0.2626	R-7	11911.42	0.2734
P-9	11437.11	0.2626	R-8	9263.11	0.2127
P-10	7800.00	0.1791	R-9	9440.68	0.2167
P-11	7800.00	0.1791	R-10	9538.72	0.2190
P-12	7800.00	0.1791	R-11	9538.72	0.2190
P-13	7800.00	0.1791	R-12	9538.72	0.2190
P-14	7800.00	0.1791	R-13	9538.72	0.2190
P-15	7800.00	0.1791	R-14	9538.72	0.2190
P-16	7800.00	0.1791	R-15	9538.72	0.2190
P-17	7800.00	0.1791	R-16	9538.72	0.2190
P-18	6900.00	0.1584	R-17	9538.72	0.2190
P-19	6900.00	0.1584	R-18	9538.72	0.2190
P-20	6900.00	0.1584	R-19	13598.91	0.3122
			R-OS	125599.92	2.8834

REQUIRED ZONING DATA		PROPOSED ZONING DATA	
Zoned - Village Center District (VC) with Public Water and Sewer		Zoned - Village Center District (VC) with Public Water and Sewer	
CLUSTER DEVELOPMENT - MIN. AREA 5 AC.		CLUSTER DEVELOPMENT - 8.4 AC.	
Min. Frontage Width - 60'		Min. Frontage Width - 60'	
Min. Lot Area - 6,900 Sq. Ft.		Min. Lot Area - 6,900 Sq. Ft.	
Min. Building Setback Lines - Front = 25', Side = 10', Rear = 20'		Min. Building Setback Lines - Front = 25', Side = 10', Rear = 20'	
Maximum Building Height - 30'		Maximum Building Height - 30'	
2 On-Lot Parking Spaces per Dwelling Unit		2 On-Lot Parking Spaces per Dwelling Unit	
REQUIRED ZONING DATA		PROPOSED ZONING DATA	
Zoned - Village Center District (VC) with Public Water and Sewer		Zoned - Village Center District (VC) with Public Water and Sewer	
Single Family Detached Dwellings		Single Family Detached Dwellings	
Min. Frontage Width - 80'		Min. Frontage Width - 80'	
Min. Lot Area - 8,400 Sq. Ft.		Min. Lot Area - 8,263.11 Sq. Ft.	
Min. Building Setback Lines - Front = 35', Side = 15', Rear = 25'		Min. Building Setback Lines - Front = 35', Side = 15', Rear = 25'	
Maximum Building Height - 30'		Maximum Building Height - 30'	
2 On-Lot Parking Spaces per Dwelling Unit		2 On-Lot Parking Spaces per Dwelling Unit	



NO OBSTRUCTIONS SHALL BE PLACED IN ANY DRAINAGE EASEMENT, INCLUDING ANY PUBLIC RIGHT-OF-WAY. ADDITIONALLY, NO DRAINAGE CHANNELS OR CONVEYANCE STRUCTURES OR BASINS SHALL BE ALTERED IN ANY WAY.

75' CLEAR SIGHT TRIANGLE

NO BUILDING, STRUCTURE, WALL, FENCE, HEDGE, TREE, SHRUB, OR OTHER GROWTH SHALL BE PERMITTED WITHIN THE 75' CLEAR SIGHT TRIANGLE, EXCEPTING UTILITY POLES, LIGHT STANDARDS, STREET SIGNS, AND FIRE HYDRANTS.

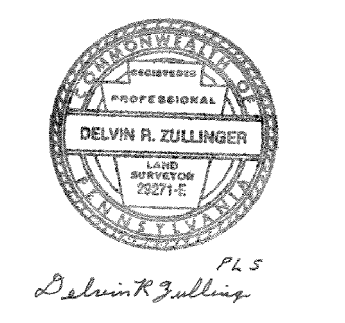
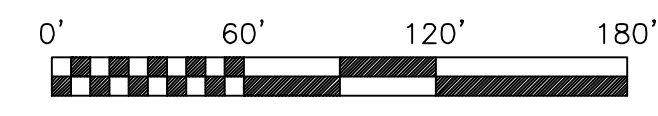
SURVEY DATUM:
VERTICAL DATUM - NAVD 88
HORIZONTAL DATUM - PA SOUTH NAD 83

SURVEY DATUM OF THIS PLAN IS REFERENCED TO PRELIMINARY LAND SUBDIVISION PLAN FOR SOUTHWOOD CROSSING, SAID PLAN APPROVED BY SOUTHAMPTON TOWNSHIP ON APRIL 14, 2008

I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THE SURVEY AND PLAN SHOWN AND DESCRIBED HEREON IS TRUE AND CORRECT. THE ERROR OF CLOSURE IS NO GREATER THAN ONE FOOT IN TEN THOUSAND FEET.

JANUARY 24, 2022

Delvin R. Zullinger



Curfman & Zullinger
Surveying Inc.

Surveying & Subdivision & Stake out

556 Lincoln Way East
Chambersburg, PA 17201
Phone (717) 261-0749
Fax (717) 261-1705

#	Date	Drawn	Computed	Checked	File No.
#1	6-24-2022	JAM	JAM	JAM	2034-136

SHEET 2 OF 12 SHEETS

FINAL SUBDIVISION PLAN
FOR
SOUTHWOOD CROSSING
PARCEL E
(FINAL PHASE 9)
SITUATE IN
SOUTHAMPTON TOWNSHIP
CUMBERLAND COUNTY, PENNSYLVANIA

RINE LAND DEVELOPMENT, INC.
(OWNER/DEVELOPER)

CURVE TABLE				
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	DELTA
C20	225.00'	95.94'	N 17°39'36" E	24°25'47"
C21	35.00'	52.14'	N 72°33'21" E	85°01'42"
C22	275.00'	38.91'	S 68°49'02" E	08°06'26"
C23	175.00'	9.78'	S 74°28'00" E	03°12'10"
C24	175.00'	66.67'	S 86°59'15" E	21°49'40"
C25	175.00'	66.67'	N 71°11'05" E	21°49'40"
C26	175.00'	66.67'	N 49°21'25" E	21°49'40"
C27	175.00'	28.84'	N 33°43'17" E	09°26'35"
C28	575.00'	11.74'	N 29°35'05" E	15°10'10"
C29	575.00'	85.65'	N 34°26'13" E	08°32'05"
C30	575.00'	85.65'	N 42°58'18" E	08°32'05"
C31	575.00'	85.65'	N 51°30'23" E	08°32'05"
C32	575.00'	85.65'	N 60°02'28" E	08°32'05"
C33	575.00'	85.65'	N 68°34'33" E	08°32'05"
C34	575.00'	85.65'	N 77°06'38" E	08°32'05"
C35	575.00'	85.65'	N 85°38'43" E	08°32'05"
C36	575.00'	85.65'	S 85°49'12" E	08°32'05"
C37	575.00'	68.21'	S 78°09'15" E	06°47'50"
C38	35.00'	55.15'	S 29°36'40" E	90°12'20"
C39	175.00'	38.30'	S 03°42'02" W	12°32'24"
C40	175.00'	6.98'	S 11°06'49" W	02°17'11"
C41	35.00'	54.98'	S 32°44'35" E	90°00'00"
C42	35.00'	54.98'	N 32°44'35" W	90°00'00"
C43	275.00'	24.02'	N 33°01'50" E	05°00'20"
C44	275.00'	73.21'	N 02°54'05" E	15°15'10"
C45	275.00'	142.86'	N 19°36'27" W	29°45'55"
C46	275.00'	70.97'	N 41°53'00" W	14°47'10"
C47	275.00'	70.97'	N 56°40'10" W	14°47'10"
C48	275.00'	65.66'	N 70°54'10" W	13°40'50"
C49	35.00'	54.98'	N 02°07'45" W	90°00'00"
C50	225.00'	20.28'	N 70°17'20" W	05°09'50"

CURVE TABLE				
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	DELTA
C51	35.00'	59.61'	N 18°54'57" W	97°34'55"
C52	525.00'	68.90'	N 26°06'54" E	07°31'12"
C53	325.00'	63.21'	S 22°42'03" W	11°08'35"
C54	525.00'	116.26'	N 16°00'41" E	12°41'15"
C55	325.00'	72.23'	S 34°38'20" W	12°44'00"
C56	525.00'	16.90'	N 08°44'44" E	01°50'38"
C57	325.00'	13.46'	S 42°11'33" W	02°22'25"
C58	125.00'	100.24'	S 20°24'18" W	45°56'55"
C59	35.00'	54.98'	N 27°52'15" W	90°00'00"
C60	275.00'	37.30'	N 21°00'54" E	07°46'17"
C61	125.00'	84.40'	S 87°47'12" W	38°41'04"
C62	125.00'	86.05'	S 48°43'20" W	39°26'39"
C63	625.00'	29.64'	S 30°21'30" W	02°43'01"
C64	625.00'	76.05'	S 35°12'09" W	06°58'17"
C65	625.00'	76.05'	S 42°10'26" W	06°58'17"
C66	625.00'	76.05'	S 49°08'44" W	06°58'17"
C67	625.00'	26.85'	S 53°51'44" W	02°27'42"
C68	625.00'	76.05'	S 58°34'43" W	06°58'17"
C69	625.00'	76.05'	S 65°33'01" W	06°58'17"
C70	625.00'	76.05'	S 72°31'18" W	06°58'17"
C71	625.00'	76.05'	S 79°29'35" W	06°58'17"
C72	625.00'	76.05'	S 86°27'52" W	06°58'17"
C73	625.00'	76.05'	N 86°33'50" W	06°58'17"
C74	625.00'	85.69'	N 79°08'50" W	07°51'43"
C75	35.00'	63.27'	S 52°59'38" W	103°34'47"
C76	225.00'	82.58'	S 09°18'37" E	21°01'43"
C77	225.00'	227.45'	S 48°47'02" E	57°55'07"
C78	275.00'	88.69'	N 34°08'24" E	18°28'43"
C79	175.00'	140.34'	N 20°24'18" E	45°56'55"
C80	125.00'	32.26'	N 04°50'07" E	14°49'35"
C81	35.00'	54.98'	N 57°15'25" E	90°00'00"

