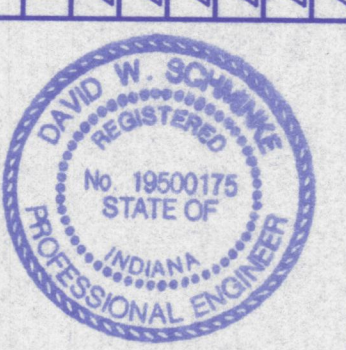


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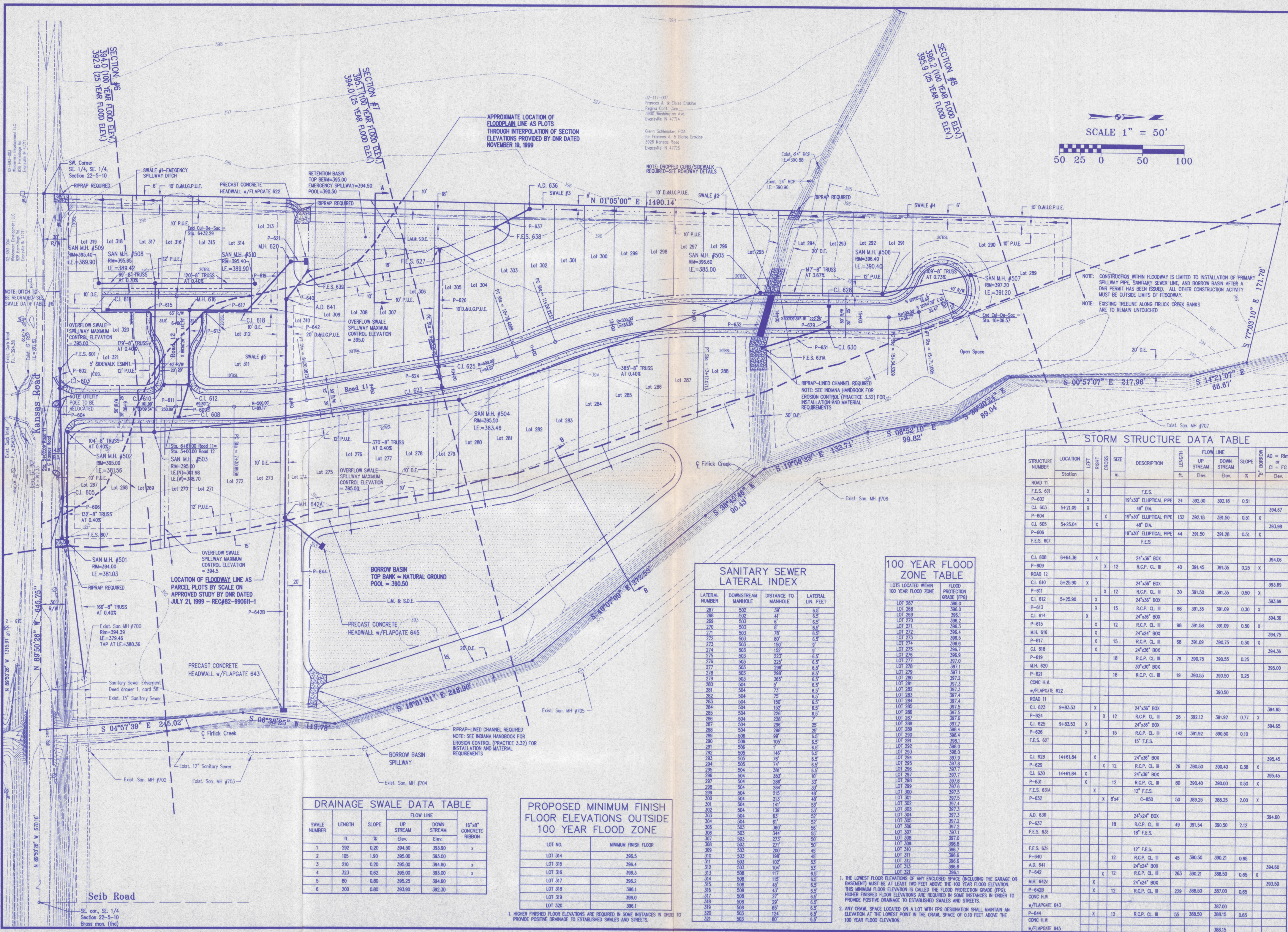
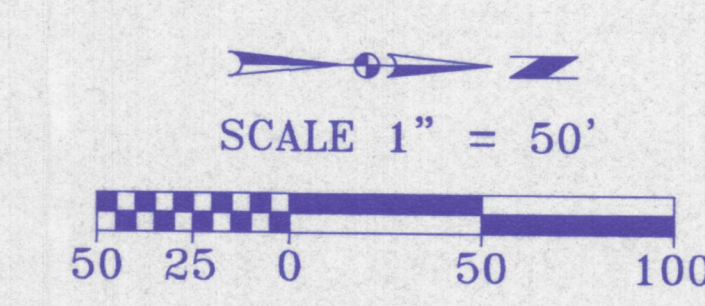
Unless otherwise noted, these drawings shall have precedence over scale dimensions. Contractors on the job and Morley and Associates, Inc. must be notified of any variations from the dimensions and conditions shown by these drawings.

Revisions	Description	No.	By	Date



David W. Schulte

Project: **Stonycreek Subdivision - Section 1**
 Sheet Title: **Utility/Drainage Plan**
 Scale: **1"=50'**
 Designed By: **R.S.L.** Job Number: **4255-4(G)**
 Drawn By: **G.A.H.** Date: **1/06/00**
 Filename: **J:\4255\CWL2\BASE.dwg**
 Sheet Number: **3**



STORM STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE	DESCRIPTION	FLOW LINE		SLOPE	BORROW	AD = Rim
							UP STREAM	DOWN STREAM			
Station	ft.	Elev.	Elev.	%	ft.	Elev.	ft.	ft.	ft.	ft.	
ROAD 11						F.E.S.					
F.E.S. 601			X			F.E.S.					
P-602			X		19"x30"	ELLIPTICAL PIPE	24	392.30	392.18	0.51	
C.I. 603	S+21.09	X			48"	DIA.					394.67
P-604			X		19"x30"	ELLIPTICAL PIPE	132	392.18	391.50	0.51	X
C.I. 605	S+25.04	X			48"	DIA.					393.98
P-606			X		19"x30"	ELLIPTICAL PIPE	44	391.50	391.28	0.51	X
F.E.S. 607						F.E.S.					
C.I. 608	S+64.36	X			24"x36"	BOX					394.06
P-609			X	12	R.C.P. CL. III		40	391.45	391.35	0.25	X
ROAD 12											
C.I. 610	S+25.90	X			24"x36"	BOX					393.69
P-611			X	12	R.C.P. CL. III		30	391.50	391.35	0.50	X
C.I. 612	S+25.90	X			24"x36"	BOX					393.69
P-613			X	15	R.C.P. CL. III		88	391.35	391.09	0.30	X
C.I. 614			X		24"x36"	BOX					394.36
P-615			X	12	R.C.P. CL. III		98	391.58	391.09	0.50	X
M.H. 616			X		24"x24"	BOX					394.75
P-617			X	15	R.C.P. CL. III		68	391.09	390.75	0.50	X
C.I. 618			X		24"x36"	BOX					394.36
P-619			X	18	R.C.P. CL. III		79	390.75	390.55	0.25	
M.H. 620					30"x30"	BOX					395.00
P-621			X	18	R.C.P. CL. III		19	390.55	390.50	0.25	
CONC. H.W. w/FLAPGATE 622											390.50
ROAD 11											
C.I. 623	S+83.53	X			24"x36"	BOX					394.65
P-624			X	12	R.C.P. CL. III		26	392.12	391.92	0.77	X
C.I. 625	S+83.53	X			24"x36"	BOX					394.65
P-626			X	15	R.C.P. CL. III		142	391.92	390.50	0.10	
F.E.S. 627						15' F.E.S.					
C.I. 628	S+1461.84	X			24"x36"	BOX					395.45
P-629			X	12	R.C.P. CL. III		28	390.50	390.40	0.38	X
C.I. 630	S+1461.84	X			24"x36"	BOX					395.45
P-631			X	12	R.C.P. CL. III		80	390.40	390.00	0.50	X
F.E.S. 631A			X		12' F.E.S.						
P-632			X	8'x4'	C-850		50	388.25	388.25	2.00	X
C.I. 632	S+1461.84	X			24"x36"	BOX					395.45
P-633			X	12	R.C.P. CL. III		28	390.50	390.40	0.38	X
C.I. 633	S+1461.84	X			24"x36"	BOX					395.45
P-634			X	12	R.C.P. CL. III		80	390.40	390.00	0.50	X
F.E.S. 634			X		12' F.E.S.						
P-635			X	8'x4'	C-850		50	388.25	388.25	2.00	X
A.D. 636					24"x24"	BOX					394.60
P-637			X	18	R.C.P. CL. III		49	391.54	390.50	2.12	
F.E.S. 638					18' F.E.S.						
F.E.S. 639					12' F.E.S.						
P-640			X	12	R.C.P. CL. III		45	390.50	390.21	0.65	
A.D. 641					24"x24"	BOX					394.60
P-642			X	12	R.C.P. CL. III		263	390.21	388.50	0.65	X
M.H. 642A			X		24"x24"	BOX					393.50
P-642B			X	12	R.C.P. CL. III		229	388.50	387.00	0.65	
CONC. H.W. w/FLAPGATE 643											387.00
P-644			X	12	R.C.P. CL. III		55	388.50	388.15	0.65	
CONC. H.W. w/FLAPGATE 645											388.15

SANITARY SEWER LATERAL INDEX

LATERAL NUMBER	DOWNSTREAM MANHOLE	DISTANCE TO MANHOLE	LATERAL LIN. FEET
267	502	39'	6.5'
268	502	41'	6.5'
269	503	8'	6.5'
270	503	8'	6.5'
271	503	78'	6.5'
272	503	80'	6.5'
273	503	150'	9'
274	503	152'	9'
275	503	223'	6.5'
276	503	225'	6.5'
277	503	296'	6.5'
278	503	298'	6.5'
279	503	365'	6.5'
280	504	5'	6.5'
281	504	73'	6.5'
282	504	75'	6.5'
283	504	150'	6.5'
284	504	152'	6.5'
285	504	226'	6.5'
286	504	228'	7'
287	504	296'	25'
288	504	298'	25'
289	504	365'	6.5'
290	506	105'	6.5'
291	506	1'	6.5'
292	505	146'	6.5'
293	505	78'	6.5'
294	505	74'	6.5'
295	504	381'	6.5'
296	504	353'	10'
297	504	286'	33'
298	504	284'	33'
299	504	215'	48'
300	504	213'	48'
301	504	141'	53'
302	504	139'	53'
303	504	63'	52'
304	504	61'	52'
305	503	360'	56'
306	503	344'	55'
307	503	273'	50'
308	503	271'	50'
309	503	200'	45'
310	503	198'	45'
311	503	102'	53'
312	503	104'	53'
313	508	117'	6.5'
314	508	115'	6.5'
315	508	45'	6.5'
316	508	43'	6.5'
317	508	27'	6.5'
318	508	29'	6.5'
319	508	85'	6.5'
320	503	124'	6.5'
321	503	80'	6.5'

100 YEAR FLOOD ZONE TABLE

LOTS LOCATED WITHIN 100 YEAR FLOOD ZONE	FLOOD PROTECTION GRADE (FPG)
LOT 267	386.0
LOT 268	386.0
LOT 269	386.1
LOT 270	386.2
LOT 271	386.3
LOT 272	386.4
LOT 273	386.5
LOT 274	386.6
LOT 275	386.7
LOT 276	386.8
LOT 277	387.0
LOT 278	387.1
LOT 279	387.1
LOT 280	387.2
LOT 281	387.3
LOT 282	387.3
LOT 283	387.4
LOT 284	387.4
LOT 285	387.5
LOT 286	387.5
LOT 287	387.6
LOT 288	387.7
LOT 289	387.7
LOT 290	388.4
LOT 291	388.1
LOT 292	388.0
LOT 293	387.3
LOT 294	387.9
LOT 295	387.8
LOT 296	387.7
LOT 297	387.7
LOT 298	387.6
LOT 299	387.6
LOT 300	387.5
LOT 301	387.5
LOT 302	387.4
LOT 303	387.3
LOT 304	387.3
LOT 305	387.2
LOT 306	387.2
LOT 307	387.1
LOT 308	387.0
LOT 309	386.8
LOT 310	386.7
LOT 311	386.6
LOT 312	386.6
LOT 313	386.5
LOT 314	386.1

PROPOSED MINIMUM FINISH FLOOR ELEVATIONS OUTSIDE 100 YEAR FLOOD ZONE

LOT NO.	MINIMUM FINISH FLOOR
LOT 314	396.5
LOT 315	396.4
LOT 316	396.3
LOT 317	396.2
LOT 318	396.1
LOT 319	396.0
LOT 320	396.1

DRAINAGE SWALE DATA TABLE

SWALE NUMBER	LENGTH	SLOPE	FLOW LINE		18" 40# CONCRETE RIBBON
			UP STREAM	DOWN STREAM	
ft.	%	Elev.	Elev.		
1	292	0.20	394.50	393.90	x
2	105	1.90	395.00	393.00	
3	210	0.20	395.00	394.60	x
4	323	0.62	395.00	393.00	x
5	80	0.60	395.25	394.60	
6	200	0.60	393.90	392.30	

SE. cor., SE 1/4 Section 22-5-10 Brass mon. (ind)

1. HIGHER FINISHED FLOOR ELEVATIONS ARE REQUIRED IN SOME INSTANCES IN ORDER TO PROVIDE POSITIVE DRAINAGE TO ESTABLISHED SWALES AND STREETS.
 2. ANY CRAWL SPACE LOCATED ON A LOT WITH FPG DESIGNATION SHALL MAINTAIN AN ELEVATION AT THE LOWEST POINT IN THE CRAWL SPACE OF 0.10 FEET ABOVE THE 100 YEAR FLOOD ELEVATION.

1. THE LOWEST FLOOR ELEVATIONS OF ANY ENCLOSED SPACE (INCLUDING THE GARAGE OR BASEMENT) MUST BE AT LEAST TWO FEET ABOVE THE 100 YEAR FLOOD ELEVATION. THIS MINIMUM FLOOR ELEVATION IS CALLED THE FLOOD PROTECTION GRADE (FPG). HIGHER FINISHED FLOOR ELEVATIONS ARE REQUIRED IN SOME INSTANCES IN ORDER TO PROVIDE POSITIVE DRAINAGE TO ESTABLISHED SWALES AND STREETS.