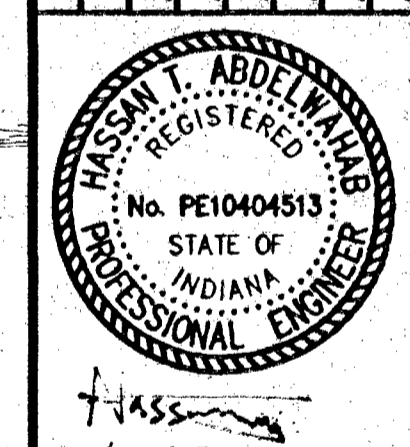


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No.	By	Date	Description



STRUCTURE NUMBER	SIZE	DESCRIPTION	LENGTH	FLOW LINE		SLOPE	Rim = AD Rim = MH FG = CI IE = FES
				UP STREAM	DOWN STREAM		
CI 700	in.	Curb Inlet	---	397.54	397.54	---	399.77
P 701	12	R.C.P. CL. III	64.26	397.54	397.45	0.14	---
CI 701A	---	Curb Inlet	---	397.45	397.45	---	399.95
CI 702	---	Curb Inlet	---	382.34	382.34	---	384.57
P 703	12	R.C.P. CL. III	27.00	382.34	382.06	1.03	---
CI 704	---	Curb Inlet	---	382.06	382.06	---	384.57
P 705	15	R.C.P. CL. III	155.42	382.06	379.89	1.40	---
FES 706	15	Flared End Section	6.08	379.89	379.80	1.40	379.80
CI 707	---	Curb Inlet	---	397.69	397.69	---	399.92
P 708	12	R.C.P. CL. III	141.43	397.69	397.27	0.30	---
FES 709	12	Flared End Section	6.07	397.27	397.25	0.30	397.25
CI 710	---	Curb Inlet	---	382.53	382.53	---	385.03
P 711	15	R.C.P. CL. III	116.36	382.53	381.64	0.77	---
FES 712	15	Flared End Section	6.08	381.64	381.59	0.77	381.59
P 713	15	R.C.P. CL. III	143.42	397.45	397.26	0.13	---
FES 714	15	Flared End Section	6.08	397.26	397.25	0.13	397.25
CI 715	---	Curb Inlet	---	386.99	386.99	---	389.17
P 716	12	R.C.P. CL. III	116.66	386.99	383.69	2.83	---
FES 717	12	Flared End Section	6.07	383.69	383.52	2.83	383.52
FES 718	24	Flared End Section	6.42	381.13	381.07	0.92	381.13
P 718A	24	R.C.P. CL. III	7.73	381.07	381.00	0.92	---
MH 718B	---	Manhole	---	381.00	381.00	---	385.00
P 719	30	R.C.P. CL. III	170.26	381.00	380.54	0.27	---
FES 719A	15	Flared End Section	6.08	381.30	380.97	5.43	381.30
P 719B	15	R.C.P. CL. III	8.00	380.97	380.54	5.43	---
MH 719C	---	Manhole	---	380.54	380.54	---	385
P 719D	36	R.C.P. CL. III	152.50	380.54	380.29	0.16	---
CI 720	---	Curb Inlet	---	380.29	380.29	---	386.88
P 721	36	R.C.P. CL. III	27.00	380.29	380.24	0.21	---

STRUCTURE NUMBER	SIZE	DESCRIPTION	LENGTH	FLOW LINE		SLOPE	Rim = AD Rim = MH FG = CI IE = FES
				UP STREAM	DOWN STREAM		
CI 722	---	Curb Inlet	---	380.24	380.24	---	386.88
P 723	36	R.C.P. CL. III	33.08	380.24	380.16	0.24	---
MH 724	---	Manhole	---	380.16	380.16	---	387.49
P 724A	36	R.C.P. CL. III	144.85	380.16	379.82	0.23	---
FES 724B	36	Flared End Section	8.15	379.82	379.80	0.23	379.80
FES 725	24	Flared End Section	6.42	379.80	379.60	3.25	379.80
P 726	24	R.C.P. CL. III	39.64	379.60	378.31	3.25	---
FES 727	24	Flared End Section	6.42	378.31	378.10	3.25	378.10
CI 728	---	Curb Inlet	---	399.75	399.75	---	401.98
P 729	12	R.C.P. CL. III	27.00	399.75	399.48	1.00	---
CI 730	---	Curb Inlet	---	399.80	399.80	---	402.89
P 731	12	R.C.P. CL. III	58.59	399.80	399.48	0.55	---
CI 732	---	Curb Inlet	---	399.48	399.48	---	401.98
P 733	15	R.C.P. CL. III	89.40	399.48	398.92	0.63	---
MH 734	---	Manhole	---	398.92	398.92	---	403.67
P 734A	15	R.C.P. CL. III	132.92	398.92	398.09	0.62	---
FES 734B	15	Flared End Section	6.08	398.09	398.05	0.62	398.05
FES 735	12	Flared End Section	6.07	392.73	392.63	1.72	392.73
P 736	12	R.C.P. CL. III	134.93	392.63	390.30	1.72	---
MH 737	---	Manhole	---	390.30	390.30	---	393.88
P 738	12	R.C.P. CL. III	95.51	390.30	388.93	1.43	---
CI 739	---	Curb Inlet	---	388.93	388.93	---	391.57
P 740	15	R.C.P. CL. III	64.31	388.93	388.22	1.11	---
CI 741	---	Curb Inlet	---	388.22	388.22	---	391.10
P 742	12	R.C.P. CL. III	27.70	388.22	388.22	1.97	---
CI 743	---	Curb Inlet	---	388.22	388.22	---	391.20
P 744	18	R.C.P. CL. III	119.30	388.22	387.17	0.88	---
FES 745	12	Flared End Section	6.07	388.13	387.92	3.44	388.13
P 746	12	R.C.P. CL. III	21.93	387.92	387.17	3.44	---

STRUCTURE NUMBER	SIZE	DESCRIPTION	LENGTH	FLOW LINE		SLOPE	Rim = AD Rim = MH FG = CI IE = FES
				UP STREAM	DOWN STREAM		
MH 747	---	Manhole	---	387.17	387.17	---	390.68
P 748	18	R.C.P. CL. III	124.28	387.17	385.46	1.37	---
CI 749	---	Curb Inlet	---	385.46	385.46	---	389.48
P 750	21	R.C.P. CL. III	27.00	385.46	385.21	0.91	---
CI 751	---	Curb Inlet	---	385.21	385.21	---	389.48
P 752	24	R.C.P. CL. III	155.08	385.21	384.05	0.75	---
FES 753	24	Flared End Section	6.42	384.05	384.00	0.75	384.00
AD 754	---	Area Drain	---	385.77	385.77	---	388.00
P 755	12	R.C.P. CL. III	134.50	385.77	384.94	0.62	---
CI 756	---	Curb Inlet	---	384.94	384.94	---	390.19
P 757	12	R.C.P. CL. III	27.00	384.94	384.68	0.95	---
CI 758	---	Curb Inlet	---	384.68	384.68	---	390.19
P 759	15	R.C.P. CL. III	165.42	384.68	384.02	0.40	---
FES 760	15	Flared End Section	6.08	384.02	384.00	0.40	384.00
FES 761	18	Flared End Section	6.25	385.42	385.36	1.01	385.42
P 762	18	R.C.P. CL. III	46.15	385.36	384.89	1.01	---
CI 763	---	Curb Inlet	---	384.89	384.89	---	387.67
P 764	18	R.C.P. CL. III	54.95	384.89	384.26	1.15	---
CI 765	---	Curb Inlet	---	384.26	384.26	---	387.67
P 766	21	R.C.P. CL. III	35.17	384.26	384.05	0.61	---
FES 767	21	Flared End Section	6.08	384.05	384.01	0.61	384.01
FES 768	12	Flared End Section	6.07	384.00	383.74	4.27	384.00
P 769	12	R.C.P. CL. III	26.86	383.74	382.60	4.27	---
FES 770	12	Flared End Section	6.07	382.60	382.34	4.27	382.34
FES 771	14x23	Flared End Section	6.25	381.96	381.82	2.33	381.96
P 772	14x23	R.C.P. CL. IV Elliptical	35.87	381.82	380.99	2.33	---
FES 773	14x23	Flared End Section	6.25	380.99	380.84	2.33	380.84

SWALE NUMBER	UP STREAM STRUCT.	DOWN STREAM STRUCT.	LENGTH	DEPTH	FLOW LINE		SLOPE	CONCRETE RIBBON
					UP STREAM	DOWN STREAM		
S200	FES770	FES771	44.34	1.10	382.34	381.96	0.84	No
S200A	FES767	FES770	208.21	1.10	384.01	382.34	0.80	No
S201	---	---	351.76	1.00	383.65	380.82	0.80	No
S201A	---	---	100.00	1.00	386.25	383.65	2.60	No
S201B	---	---	38.94	1.00	387.00	386.25	1.93	No
S201C	---	---	65.27	1.00	387.66	387.00	1.01	No
S201D	---	---	29.83	1.00	389.00	387.66	4.49	No
S201E	---	---	67.57	1.00	392.29	389.00	4.87	No
S201F	---	---	95.51	1.00	398.35	392.29	6.34	No
S201G	---	---	139.06	1.00	405.00	398.35	4.78	No
S202	---	FES709	94.00	1.00	404.00	397.25	7.18	No
S203	FES709	FES719A	265.68	1.00	397.25	381.30	6.00	No
S204	FES712	FES718	148.85	1.50	381.59	381.13	0.31	Yes
S205	---	---	166.55	1.00	400.75	390.50	6.15	No
S206	---	---	199.26	1.00	391.10	390.50	0.30	Yes
S207	---	SW BASIN	731.74	1.00	395.60	384.00	1.58	No
S208	---	---	396.45	1.00	400.75	386.60	3.57	No
S209	---	---	243.59	1.00	397.08	386.60	4.30	No
S210	---	FES717	165.10	1.00	386.60	383.52	1.87	No
S211	FES717	---	163.00	1.00	383.52	382.19	0.82	No
S212	FES734B	---	450.30	1.00	398.05	382.19	3.52	No
S212A	---	FES734B	84.00	1.00	402.00	398.05	4.70	No
S213	---	FES712	167.00	1.30	382.19	381.59	0.36	Yes
S214	---	---	694.58	1.00	405.00	395.60	1.35	No
S215	---	FES735	201.00	1.00	397.08	392.73	2.16	No
S216	---	FES735	84.00	1.00	394.00	392.73	1.51	No
S217	---	AD754	386.45	1.00	391.10	388.00	0.80	No
S218	---	FES745	295.88	1.00	390.50	388.13	0.40	No
S219	---	---	220.69	1.00	388.00	387.00	0.65	Yes
S219A	---	FES761	86.42	1.00	387.00	385.42	1.83	No
S220	---	---	231.63	1.00	385.00	383.15	0.80	No
S220A	---	Ex. Ditch	191.51	1.00	383.15	382.84	0.16	Yes

Drainage system shall be built in accordance with Vanderburgh County Drainage Ordinance.

- LEGEND (EXISTING)**
- Power pole
 - Utility pole
 - Gye wire
 - Underground telephone junction box
 - Underground electric transformer vault
 - Water valve
 - Existing Sanitary sewer manhole
 - Existing Sanitary sewer cleanout
 - Overhead electric
 - Fence
 - Contour line & elevation
 - Existing invert elevation
 - Tree (deciduous), size & specie
 - Sign (single post)
- LEGEND (PROPOSED)**
- Curb Inlet
 - MH Storm Manhole
 - Area Drain
 - Sanitary Manhole
 - Drainage Swale
 - Flared End Section

DRAINAGE-SWALE DATA TABLE NOTES

- * DEPTH NOTED IN THIS TABLE IS THE MINIMUM REQUIRED DEPTH. SWALE DEPTH MAY BE INCREASED AS REQUIRED.
- ** SLOPE NOTED IN THIS TABLE IS THE AVERAGE REQUIRED SLOPE. SWALE SLOPE MAY BE VARIED AS REQUIRED BY THE GRADING CONSTRAINTS.

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Project: Blue Heron Estates
 Sheet Title: Infrastructure Plan
 Scale: 1" = 100'
 Designed By: H.T.A. Job Number: 5911-4(B)
 Drawn By: H.T.A. Date: 4/11/05
 Checked By: F.M.C. Filename: 5911INFRA.DWG
 Sheet Number: 3 of 22