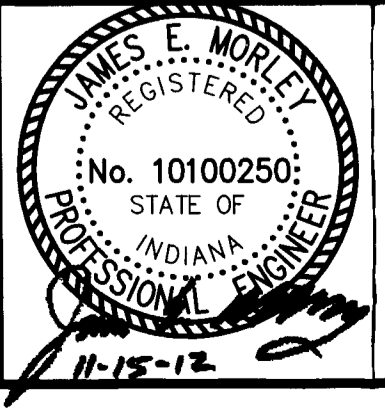


STRUCTURE NUMBER	SIZE in.	DESCRIPTION	LENGTH ft.	FLOW LINE		SLOPE %	Rim = AD Rim = MH FO = CI IE = FES Elev.	CONCRETE RIBBON
				UP STREAM	DOWN STREAM			
				Elev.	Elev.			
FES 712	15	Flared End Section	6.08	381.77	381.67	1.64	381.67	No
FES 717	12	Flared End Section	6.07	383.36	383.07	4.78	383.07	No
FES 718	24	Flared End Section	6.42	381.20	381.15	0.81	381.20	No

SWALE NUMBER	UP STREAM STRUC.	DOWN STREAM STRUC.	LENGTH Ft.	DEPTH Ft.	FLOW LINE		SLOPE %	CONCRETE RIBBON
					UP STREAM	DOWN STREAM		
					Elev.	Elev.		
Ex. S204	FES712	FES718	146.11	1.50	381.76	381.20	0.38	No
Ex. S208A	--	--	291.40	1.00	395.16	388.09	2.43	No
Ex. S209	--	--	144.54	1.00	394.71	388.09	4.58	No
Ex. S210	--	FES717	150.12	1.00	388.09	383.18	3.27	No
Ex. S211	FES717	--	174.80	1.00	383.18	383.72	-0.31	No
Ex. S212	FES734B	--	450.04	1.00	397.55	383.72	3.07	No
Ex. S213	--	FES712	157.42	1.30	383.72	381.76	1.25	No

SWALE NUMBER	UP STREAM STRUC.	DOWN STREAM STRUC.	LENGTH Ft.	DEPTH Ft.	FLOW LINE		AVG. SLOPE %	CONCRETE RIBBON
					UP STREAM	DOWN STREAM		
					Elev.	Elev.		
Prop. S204	Prop.S213	FES718	147.59	1.50	381.60	381.20	0.27	Yes
Prop. S208A	Ex.S208	Prop.S210	314.26	1.00	395.16	387.16	2.55	No
Prop. S208B	Ex.S209	Prop.S210	30.04	1.00	388.09	387.16	3.10	No
Prop. S210	Prop.S208A	Prop.S211	165.05	1.00	387.16	382.96	2.55	No
Prop. S210A	FES717	Prop.S211	26.10	1.00	383.07	382.96	0.42	Yes
Prop. S211	Prop.S210	Prop.S213	162.95	1.00	382.96	382.29	0.41	Yes
Prop. S211A	Ex.S212	Prop.S213	47.63	1.00	383.88	382.29	3.34	No
Prop. S213	Prop.S211	Prop.S204	167.21	1.30	382.29	381.60	0.41	Yes
Prop. S213A	FES712	Prop.S204	26.44	1.00	381.67	381.60	0.27	Yes

Revisions				Revisions			
No.	By	Date	Description	No.	By	Date	Description



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Project Client: **Blue Heron Estates**

Scale: 1" = 40'

Designed By: JEM Job Number: 5911.4.001 B  
Drawn By: BSH Date: 11-15-12  
Filename: J:\5911\Civil\5911 east swale redesign.dwg  
Sheet Number: **1**

**Revised East Swale**  
Updated drainage swale design along East property line

RECEIVED BY THE VANAMINSBURGH COUNTY SURVEYOR'S OFFICE  
11/17/12 JWR