

DRAINAGE SCHEDULES

DRAINAGE STRUCTURE TABLE													
NO.	STATION	OFFSET	STRUCTURE TYPE			DIA.	FRAME	RIM	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	INVERT (NW)
			CB	MAN	FES								
1	23+86.5	19.6'		TA		4'	T1F CL	679.62	674.47	674.47		675.76	
2	25+86.5	-27.5'	TA			4'	T24 F&G	680.80			676.51		
3	25+86.5	27.5'	TA			4'	T24 F&G	680.70		676.22		676.25	
4	27+86.3	-27.5'	TA			4'	T24 F&G	681.79			678.25		
5	27+86.1	27.5'	TA			4'	T24 F&G	681.25				678.03	
6	27+86.3	22.1'		TA		4'	T1F CL	682.42	677.50		678.00	678.00	
7	29+00.0	-27.5'	TA			4'	T24 F&G	682.75			678.25		
8	29+00.0	30.1'	TA			4'	T24 F&G	681.59				678.02	
9	29+00.0	22.0'		TA		4'	T1F CL	681.77	676.80	676.90	678.00	678.00	
10	30+47.6	-52.3'	TA			4'	T24 F&G	682.21			675.40	676.75	
11	30+51.0	27.5'	TA			4'	T24 F&G	681.62				677.72	
12	30+50.8	22.0'		TA		6'	T1F CL	681.80	674.60	676.05	677.70	674.70	
13	31+74.5	27.4'	TA			4'	T24 F&G	681.15				677.62	
14	31+74.6	19.3'		TA		5'	T1F CL	681.51	673.90	674.00	677.60		
15	32+10.1	18.6'		TA		6'	T1F CL	681.38		673.70	673.70		
16	32+17.4	-41.1'		TA		6'	T1F CL	682.71		678.02	676.60	**	**
17	24+00.0	20.6'	TA			4'	T24 F&G	679.84	674.58	674.58			
18	23+85.0	-19.7'	TA			4'	T24 F&G	679.62			676.12		
19	32+05.4	-35.2'	TA			4'	T24 F&G	682.03	678.07				
20	34+00.0	-27.3'	TA			4'	T24 F&G	679.16			676.45		
20A	34+00.0	20.2'	TA			4'	T24 F&G	679.24			676.40	676.51	
38	64+49.8	-29.6'			24				682.00				
39	64+49.9	25.4'			12				682.00				
40	65+00.0	26.5'		TA		4'	T1F CL	682.25	678.80			679.50	
41	64+98.5	-28.2'		TA		4'	T1F CL	682.84		678.45	677.95	678.45	

STORM SEWER TABLE										
PIPE NO.	FROM STA.	TO STA.	LENGTH (FT)	DIA.	TYPE	SLOPE	TBF		INVERT (US)	INVERT (DS)
							CU	YD		
1	24+00.0	25+86.5	184	12"	STORM SEWER CL A	2	0.91 %	39.6	676.25	674.58
2	25+86.5	25+86.5	52	12"	STORM SEWER CL A	2	0.50 %	10.1	676.51	676.25
3	27+86.3	27+86.3	47	12"	STORM SEWER CL A	1	0.53 %	7.1	678.25	678.00
4	27+86.3	27+86.1	2	12"	STORM SEWER CL A	1	1.50 %	0.3	678.03	678.00
5	27+86.3	29+00.0	110	12"	STORM SEWER CL A	2	0.55 %	28.3	677.50	676.90
6	29+00.0	29+00.0	47	12"	STORM SEWER CL A	2	0.53 %	8.1	678.25	678.00
7	29+00.0	29+00.0	2	12"	STORM SEWER CL A	1	1.00 %	0.2	678.02	678.00
8	29+00.0	30+50.8	144	18"	STORM SEWER CL A	2	0.52 %	40.5	676.80	676.05
9	65+00.0	30+47.6	55	30"	STORM SEWER CL A	1	2.18 %	1.6	677.95	676.75
10	30+47.6	30+50.8	71	30"	STORM SEWER CL A	2	0.99 %	53.3	675.40	674.70
11	30+51.0	30+50.8	2	12"	STORM SEWER CL A	1	1.00 %	0.3	677.72	677.70
12	30+50.8	31+74.6	118	36"	STORM SEWER CL A	2	0.51 %	96.3	674.60	674.00
13	31+74.5	31+74.6	2	12"	STORM SEWER CL A	1	1.00 %	0.3	677.62	677.60
14	31+74.6	32+10.1	31	36"	STORM SEWER CL A	2	0.65 %	26.8	673.90	673.70
15	32+10.1	32+11.0	26	36"	STORM SEWER CL A	2	3.65 %	5.2	673.70	672.75
16	32+17.4	32+17.4	18	3X2	PRECAST CONCRETE BOX CULV		3.72 %	8.8	676.60	** 675.93
16A	32+17.7	32+17.9	32	3X2	PRECAST CONCRETE BOX CULV		3.72 %	4.0	** 674.82	672.75
17	24+00.0	23+86.5	11	12"	STORM SEWER CL A	2	1.00 %	3.1	674.58	674.47
18	23+85.0	23+86.5	36	12"	STORM SEWER CL A	1	1.00 %	11.5	676.12	675.76
19	32+05.4	32+17.4	10	12"	STORM SEWER CL A	1	0.50 %	0.7	678.07	678.02
20	34+00.0	34+00.0	45	12"	STORM SEWER CL A	1	0.50 %	0.0	676.45	676.51
20A	34+00.0	34+00.0	22	12"	STORM SEWER CL A	1	0.50 %	0.0	676.40	
21	54+60.3	55+38.3	78	12"	PIPE CULVERT CL D	1	3.27 %	18.2	709.00	706.45
22	57+15.3	57+44.7	30	12"	PIPE CULVERT CL D	1	3.67 %	4.1	696.50	695.40
23	58+11.1	58+44.3	35	12"	PIPE CULVERT CL D	1	0.57 %	3.0	692.00	691.80
24	58+67.5	58+95.0	32	12"	PIPE CULVERT CL D	1	2.19 %	1.7	690.78	690.08
25	58+69.4	59+20.1	51	18"	PIPE CULVERT CL D	1	1.37 %	4.9	689.70	689.00
26	60+19.6	60+55.6	36	24"	PIPE CULVERT CL D	1	0.69 %	4.1	687.00	686.75
27	61+72.4	62+14.5	42	24"	PIPE CULVERT CL D	1	0.24 %	5.0	685.00	684.90
28	62+76.5	63+07.5	31	12"	PIPE CULVERT CL D	1	0.90 %	2.0	684.32	684.04
29	64+49.8	64+98.5	41	24"	STORM SEWER CL A	2	8.66 %	0.0	682.00	678.45
30	64+49.9	65+00.0	43	12"	STORM SEWER CL A	1	5.81 %	0.0	682.00	679.50
31	65+00.0	64+98.5	52	12"	STORM SEWER CL A	2	0.67 %	5.9	678.80	678.45

** MATCH TO EXISTING CONNECTION

COMPANY NAME: HRGreen
 PROJECT CONTACT: S. PERNAL
 DATE PLOTTED: 6/27/2012 10:51:04 AM
 FILE NAME: \\66001961\k-sch-01.dwg
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl

HRGreen.com Illinois Professional Design Firm # 181-001322	USER NAME = spernal DESIGNED - C. HARTKE DRAWN - S. PERNAL CHECKED - T. HAMILTON PLOT DATE = 6/27/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE SCHEDULES ILLINOIS ROUTE 31 AT MOOSEHEART ROAD	F.A. RTE. = 3887 SECTION = AR-N-2 COUNTY = KANE ILLINOIS FED. AID PROJECT	TOTAL SHEETS = 85 SHEET NO. = 34 CONTRACT NO. = 60P65
	PLOT SCALE = N/A DATE = 6/27/12	SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.	F.A. DIST. NO.			