

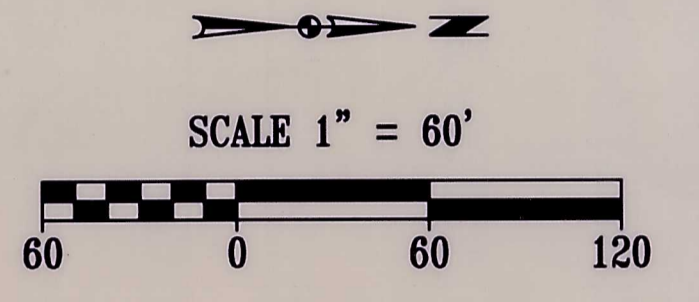
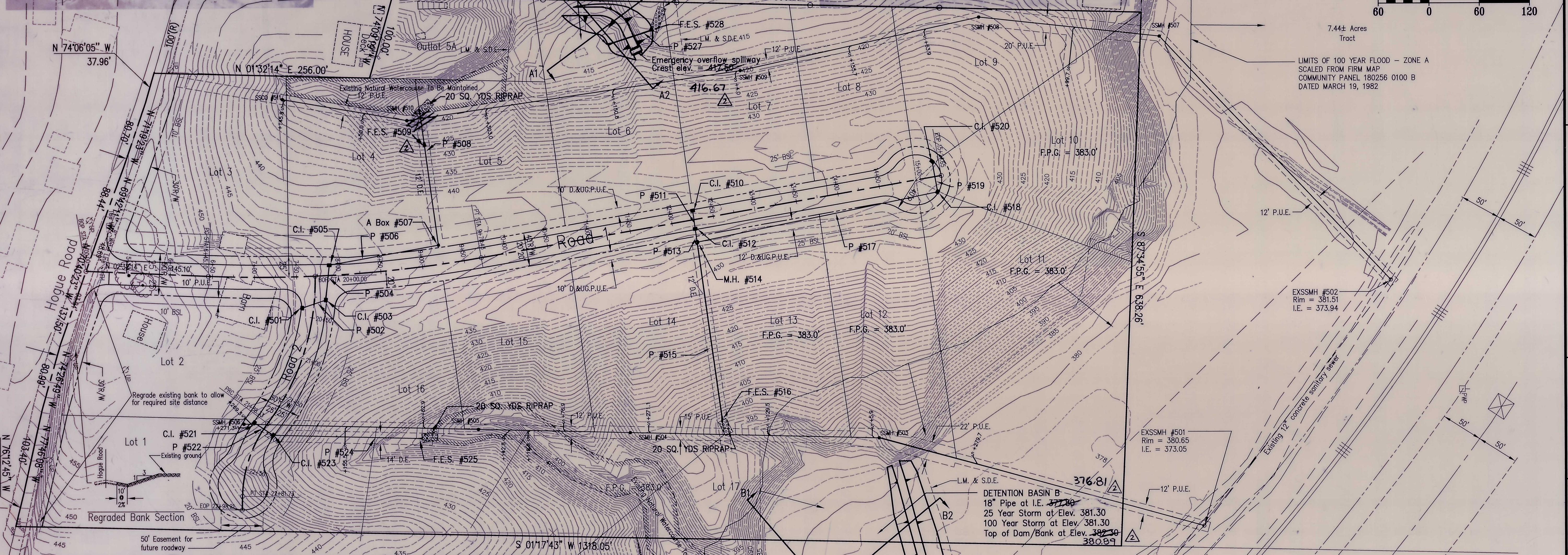
WINSTEAD PLACE
BOX 504

STRUCTURE DATA TABLE / AS-BUILTS										
STRUCTURE NUMBER	LOCATION Station	LEFT	RIGHT	CROSS SIZE	DESCRIPTION	FLOW LINE			SLOPE %	M.H. = RIM OR CL = F.G. Elev.
						UP STREAM	DOWN STREAM	DOWN SLOPE		
DETENTION BASIN A										
526	114-74.73	X		21"	F.E.S.	411.91	408.75	7.15		
527	114-94.47	X		21"	R.C.P. CL III	441.85	408.75	1.67		
528	124-14.20	X		21"	F.E.S.	441.85	408.75	1.67		
DETENTION BASIN B										
529	134-32.41	X		18"	F.E.S.	376.81	376.81	0.00		
530	134-44.39	X		18"	R.C.P. CL III	376.81	376.81	2.99		
531	134-56.38	X		18"	F.E.S.	376.81	376.81	2.99		
ROAD 2										
521	214-96.39	X		24"	R.C.P. CL III	437.92	437.92	1.72		
522	214-96.39	X		24"	R.C.P. CL III	437.92	437.92	1.72		
523	214-96.37	X		24"	R.C.P. CL III	437.45	437.45	1.72		
524	214-55.58	X		24"	R.C.P. CL III	437.45	437.45	1.72		
525	214-30.22	X		12"	F.E.S.	416.85	416.85	1.00		

WINSTEAD PLACE SUBDIVISION SECTION 1			
Lateral Number	Downstream Manhole	Dist. To Manhole	Lateral Lin. Feet
Lot # 1	M.H. # 506	0'	10.7'
Lot # 2	M.H. # 506	0'	13.6'
Lot # 3	M.H. # 510	145'	14.3'
Lot # 4	M.H. # 510	53'	14.6'
Lot # 5	M.H. # 509	302'	13.4'
Lot # 6	M.H. # 509	149'	13.3'
Lot # 7	M.H. # 509	12'	12.6'
Lot # 8	M.H. # 508	155'	10.9'
Lot # 9	M.H. # 508	68'	12.3'
Lot # 10	M.H. # 507	98'	50'
Lot # 11	M.H. # 501	307'	7.7'
Lot # 12	M.H. # 503	7'	8.9'
Lot # 13	M.H. # 503	149'	13.8'
Lot # 14	M.H. # 503	285'	13.1'
Lot # 15	M.H. # 504	88'	12.6'
Lot # 16	M.H. # 505	270'	9.5'

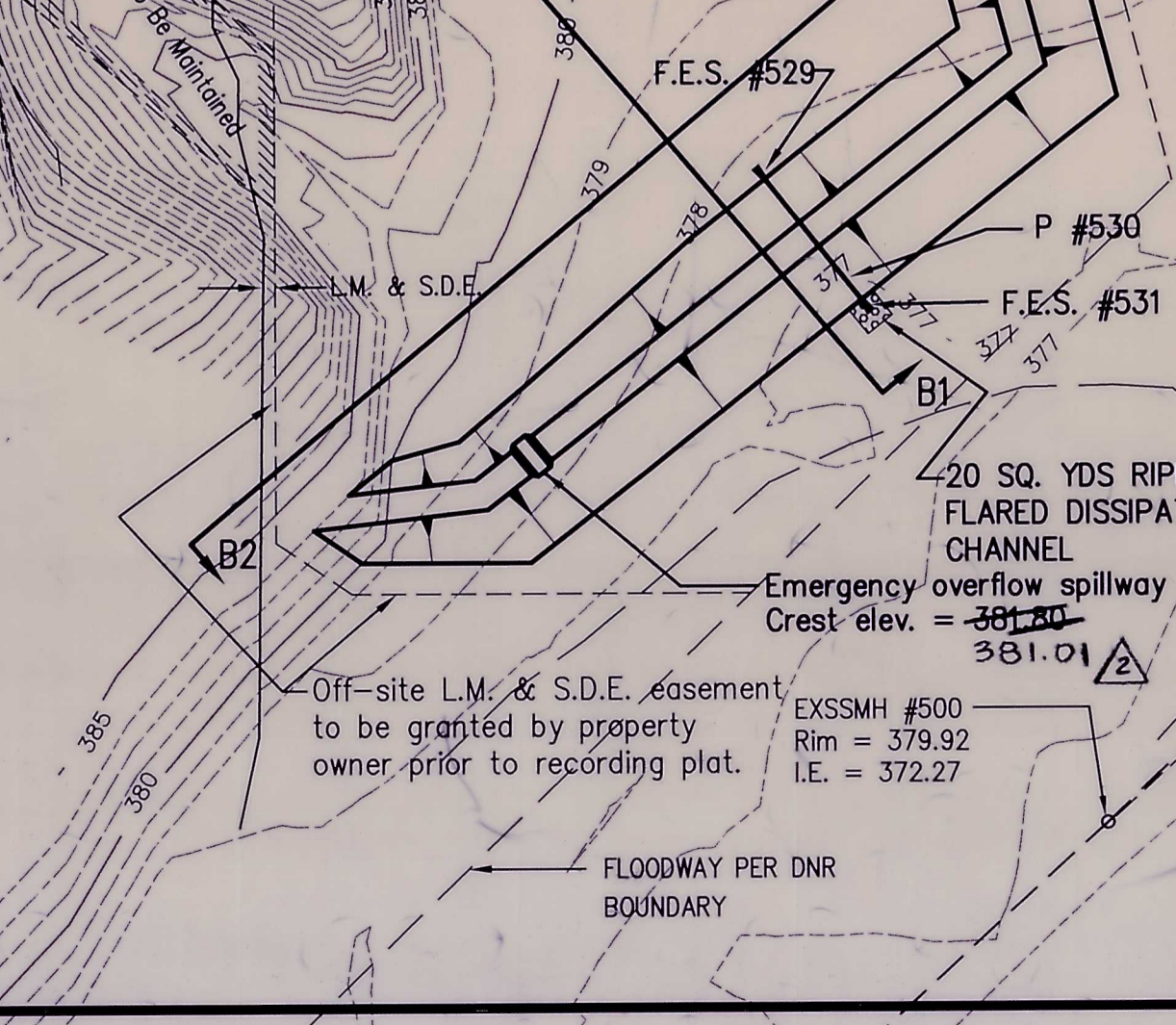
WINSTEAD PLACE SUBDIVISION SECTION 2			
Lateral Number	Downstream Manhole	Dist. To Manhole	Lateral Lin. Feet
Lot # 12	M.H. # 504	129'	14'
Lot # 13	M.H. # 504	163'	8.1'
Lot # 14	M.H. # 505	165'	20.9'

STRUCTURE DATA TABLE / AS-BUILTS										
STRUCTURE NUMBER	LOCATION Station	LEFT	RIGHT	CROSS SIZE	DESCRIPTION	FLOW LINE			SLOPE %	M.H. = RIM OR CL = F.G. Elev.
						UP STREAM	DOWN STREAM	DOWN SLOPE		
501	74-55.49	X		24"	R.C.P. CL III	442.00	442.00	0.50		
502	74-69.37	X		24"	R.C.P. CL III	441.85	441.85	1.67		
503	74-83.32	X		24"	R.C.P. CL III	441.85	441.85	1.67		
504	74-86.38	X		24"	R.C.P. CL III	441.85	441.85	1.67		
505	74-89.53	X		24"	R.C.P. CL III	441.15	441.15	3.08		
506	84-56.36	X		12"	R.C.P. CL III	437.10	437.10	3.08		
507	94-22.35	X		"A" BOX		437.10	437.10			
508	94-22.84	X		12"	R.C.P. CL III	420.50	420.50	11.90		
509	94-23.37	X		12"	F.E.S.	420.50	420.50	11.90		
510	124-26.84	X		24"	R.C.P. CL III	431.12	431.12	0.50		
511	124-26.44	X		24"	R.C.P. CL III	431.01	431.01	0.50		
512	124-26.04	X		24"	R.C.P. CL III	431.01	431.01	0.50		
513	124-25.74	X		24"	R.C.P. CL III	430.90	430.90	0.93		
514	124-25.43	X		48"	MANHOLE	428.30(N)	428.30(E)	13.82		
515	124-21.50	X		12"	R.C.P. CL III	398.05	398.05	1.00		
516	124-17.56	X		16"	F.E.S.	398.05	398.05	1.00		
520	154-17.00	X		24"	R.C.P. CL III	429.83	429.83	0.51		
519	154-17.46	X		12"	R.C.P. CL III	429.64	429.21	1.25		
518	154-16.98	X		24"	R.C.P. CL III	429.21	429.21	1.00		
517	134-71.16	X		12"	R.C.P. CL III	429.21	429.21	1.00		
514				48"	MANHOLE	428.30(N)	428.30(E)	13.82		



STRUCTURE DATA TABLE (SEE AS BUILT TABLE)										
STRUCTURE NUMBER	LOCATION Station	LEFT	RIGHT	CROSS SIZE	DESCRIPTION	FLOW LINE			SLOPE %	M.H. = RIM OR CL = F.G. Elev.
						UP STREAM	DOWN STREAM	DOWN SLOPE		
501	74-55.49	X		24"	R.C.P. CL III	442.00	442.00	0.50		
502	74-69.37	X		24"	R.C.P. CL III	441.85	441.85	1.67		
503	74-83.32	X		24"	R.C.P. CL III	441.85	441.85	1.67		
504	74-86.38	X		24"	R.C.P. CL III	441.85	441.85	1.67		
505	74-89.53	X		24"	R.C.P. CL III	441.15	441.15	3.08		
506	84-56.36	X		12"	R.C.P. CL III	437.10	437.10	3.08		
507	94-22.35	X		"A" BOX		437.10	437.10			
508	94-22.84	X		12"	R.C.P. CL III	420.50	420.50	11.90		
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510	124-26.84	X		24"	R.C.P. CL III	431.12	431.12	0.50		
511	124-26.44	X		24"	R.C.P. CL III	431.01	431.01	0.50		
512	124-26.04	X		24"	R.C.P. CL III	431.01	431.01	0.50		
513	124-25.74	X		24"	R.C.P. CL III	430.90	430.90	0.93		
514	124-25.43	X		48"	MANHOLE	428.30(N)	428.30(E)	13.82		
515	124-21.50	X		12"	R.C.P. CL III	398.05	398.05	1.00		
516	124-17.56	X		16"	F.E.S.	398.05	398.05	1.00		
520	154-17.00	X		24"	R.C.P. CL III	429.83	429.83	0.51		
519	154-17.46	X		12"	R.C.P. CL III	429.64	429.21	1.25		
518	154-16.98	X		24"	R.C.P. CL III	429.21	429.21	1.00		
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529	134-32.41	X		18"	F.E.S.	376.81	376.81	0.00		
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521	214-96.39	X		24"	R.C.P. CL III	437.85	437.85	1.00		
522	214-96.39	X		24"	R.C.P. CL III	437.85	437.85	1.00		
523	214-96.37	X		24"	R.C.P. CL III	437.58	437.58	1.00		
524	214-55.58	X		24"	R.C.P. CL III	437.58	437.58	1.00		
525	214-30.22	X		12"	F.E.S.	414.00	414.00	1.00		



RECORD DRAWING

Notes:

All pipes lengths are measured center of structure to center of structure, to the nearest foot, except pipes ending in flared end sections. Pipes ending in flared end sections shall be measured to the end of the pipe.

Design pipe slopes are calculated from the center of structure to the center of structure, or end of pipe for flared end sections. Construction pipe slopes may vary slightly if the structure cross slope does not match the design pipe slope. Flared end section slopes shall match design pipe slopes.

All storm, sanitary, and lateral pipes under and within 5 feet of a roadway or under a sidewalk shall have compacted sand backfill.

All storm sewer pipes shall be RCP unless otherwise approved by the engineer. All sanitary sewer pipes shall comply with local sanitary sewer utility standards.

Existing Natural Surface Watercourses across lots shall be maintained by the lot owners. The watercourse shall not be obstructed in any way that would limit the flow from public roads or all other lands that drain to the swale. Any relocation or piping of surface watercourses shall be subject to County Drainage Board approval.

Morley and Associates, Inc.
 Consulting Engineers/Surveyors/Architects
 605 S.E. Martin Luther King Jr. Blvd.
 Evansville, Indiana 47713
 (812) 464-9595

Project: Winstead Place Subdivision
 Sheet Title: Storm and Sanitary Sewer Layout
 Scale: 1" = 60'

Revisions:

No.	By	Date	Description
1	J.E.M.	3/12/98	Sanitary sewer layout, easements, and R/W
2	J.E.M.	2/18/98	STORM SEWER - AS-BUILTS

Professional Engineer Seal: DAVID W. SCHWINE, No. 19500175, STATE OF INDIANA

Drawn By: J.E.M. Job Number: 97-3724-1
 Checked By: J.E.M. Date: 2/18/98
 File Name: 3724BASE.DWG
 Sheet Number: 4 of 12