BLUESTEM VILLAGE SECOND ADDITION
(Drainage)

LETTER OF TRANSMITT

PROJECT: Bluestem Village Second

Preliminary Plat

PROJECT #: DATE: 1/10/86

MID-KANSAS ENGINEERING
CONSULTANTS, P.A.
3500 N. Rock Road, #200
Wichita, KS 67226

TO: City Engineering
Vicki Huang
455 N. Main
Wichita, KS 67202

We are sending the following items: X Attached
__ Under separate cover previously on

X Prints __ Specifications __ Legal Descriptions
__ Tracings __ Petitions __ Correspondence __ Other

COMMENTS: Drainage & Utility Concept plan for referenced project.

These are transmitted as checked below:

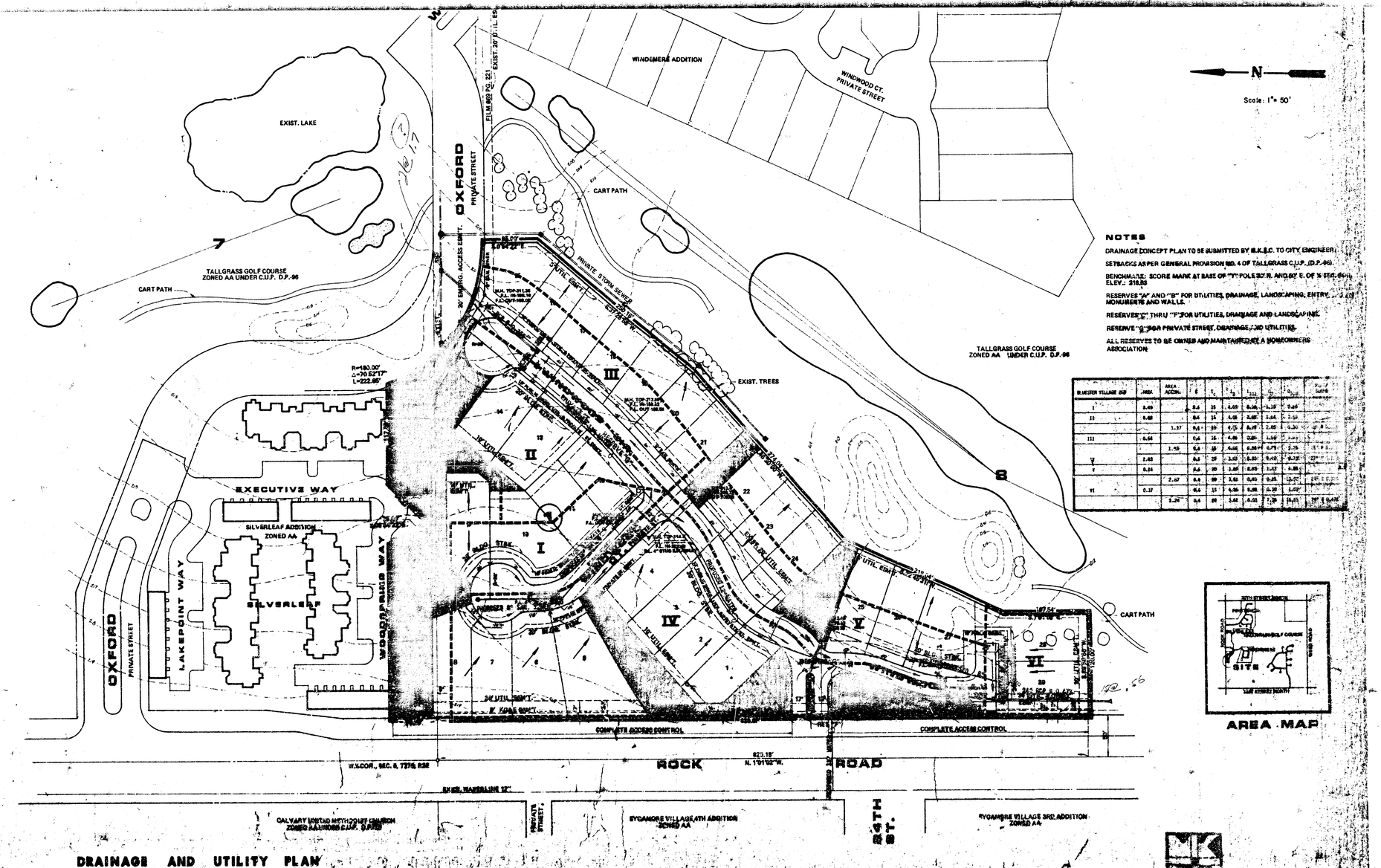
__ For Your Approval
X For Your Use
__ Approved as Noted
__ As Requested
X For Your Files
__ For Review and Comment

REMARKS:

Copies:

Signed: Kenneth H. Bengtson, P.E.

KHB:js



NOTES

DRAINAGE CONCEPT PLAN TO BE SUBMITTED BY M.K.E.C. TO CITY ENGINEER.

SETBACKS AS PER GENERAL PROVISION NO. 4 OF TALLGRASS C.U.P. (D.P.-96)

BENCHMARK: SCORE MARK AT BASE OF "T" POLE 52' N. AND 60' E. OF N. EXT. 84TH
ELEV.: 218.33

RESERVES "A" AND "B" FOR UTILITIES, DRAINAGE, LANDSCAPING, ENTRY MONUMENTS AND WALLS.

RESERVES "C" THRU "F" FOR UTILITIES, DRAINAGE AND LANDSCAPING.

RESERVE "G" FOR PRIVATE STREET, DRAINAGE AND UTILITIES.

ALL RESERVES TO BE OWNED AND MAINTAINED BY A HOMEOWNERS ASSOCIATION.

BLUESTEM VILLAGE 2ND	AREA	AREA ACCM.	C	T_c	I_2	Q_{100}	Q_{10}	Q_{100}	Q_{100} SUMP
I	0.49		0.6	15	6.69	8.04	4.15	9.96	
II	0.88		0.6	15	6.69	5.89	3.64	7.53	
III	0.64	1.37	0.6	15	6.69	5.89	3.64	7.53	
IV	1.43		0.6	15	6.69	5.89	3.64	7.53	
V	2.83		0.6	15	6.69	5.89	3.64	7.53	
VI	0.54		0.6	15	6.69	5.89	3.64	7.53	
	0.37	2.67	0.6	15	6.69	5.89	3.64	7.53	
		2.24	0.6	15	6.69	5.89	3.64	7.53	

AREA MAP

DRAINAGE AND UTILITY PLAN

BLUESTEM VILLAGE SECOND

BLUESTEM VILLAGE SECOND ADDITION
(Drainage)

OFFICE OF TRANSMITTAL

PROJECT: Bluestem Village
Preliminary Plat

PROJECT #: DATE: 7/16/86

MID-KANSAS ENGINEERING
CONSULTANTS, P.A.
3500 N. Rock Road, #800
Wichita, KS 67226

TO: City Engineering
City Hall
455 N. Main
Wichita, KS 67202

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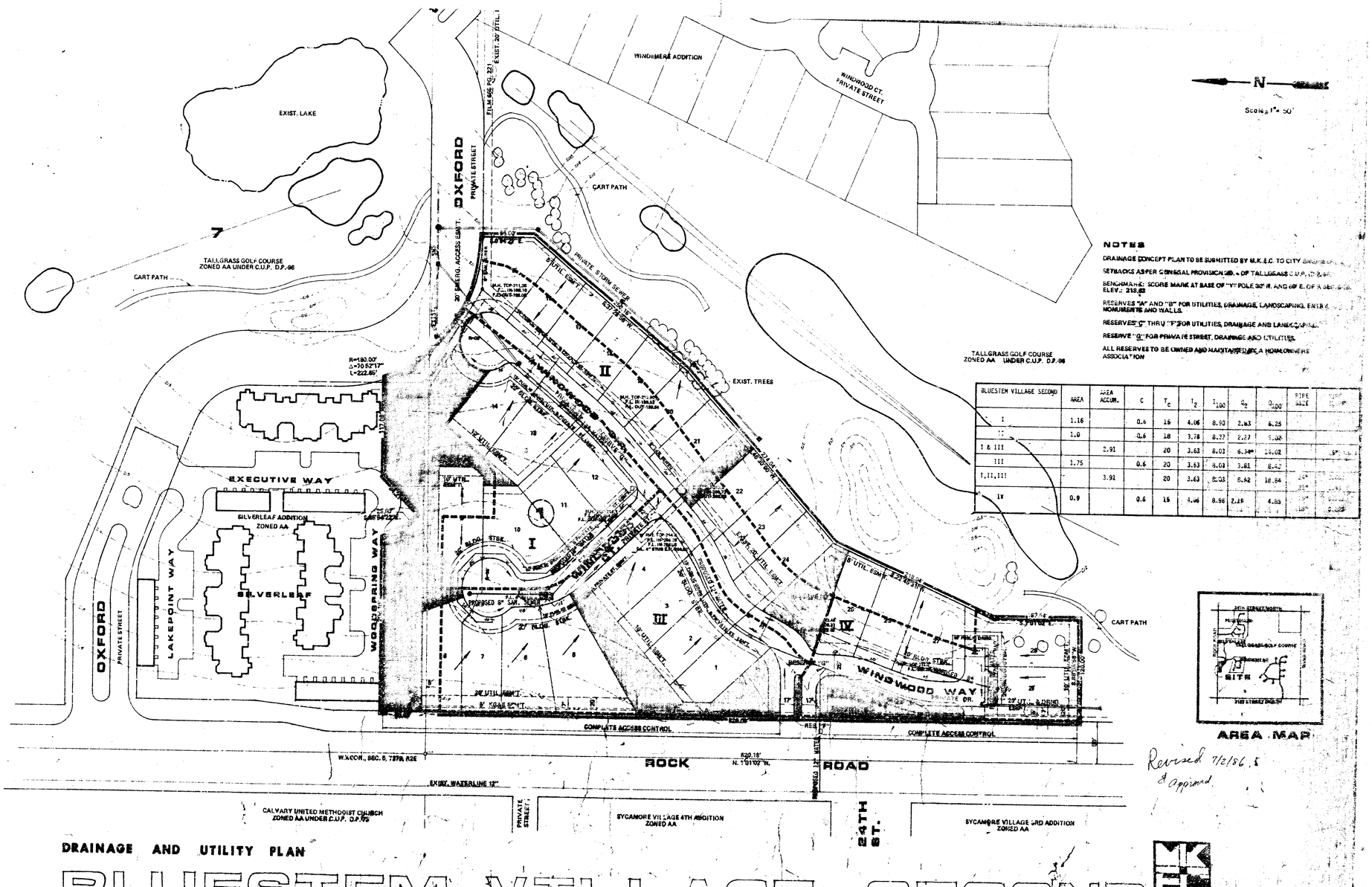
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REMARKS:

Copies:

Signed: Kenneth H. Bengtson, P.E.

Khb:js



NOTES

DRAINAGE CONCEPT PLAN TO BE SUBMITTED BY M.K.E.C. TO CITY ENGINEER.

SETBACKS AS PER GENERAL PROVISION 20. A OF TALLGRASS C.U.P. D.P.-96.

BENCHMARK: SCORE MARK AT BASE OF "Y" POLE 30' N. AND 60' E. OF S.E. COR. OF INTER. ELEV.= 213.63

RESERVES "A" AND "B" FOR UTILITIES, DRAINAGE, LANDSCAPING, ENTRY MONUMENTS AND WALLS.

RESERVES "C" THRU "F" FOR UTILITIES, DRAINAGE AND LANDSCAPING.

RESERVE "G" FOR PRIVATE STREET, DRAINAGE AND UTILITIES.

ALL RESERVES TO BE OWNED AND MAINTAINED BY A HOMEOWNERS ASSOCIATION

BLUESTEM VILLAGE SECOND	AREA	AREA ACCUM.	C	T_c	I_2	I_{100}	Q_2	Q_{100}	PIPE SIZE	
I	1.16		0.6	15	4.06	8.50	2.83	6.25		
II	1.0		0.6	18	3.78	8.27	2.27	5.05		
I & III		2.91		20	3.63	8.03	6.34*	14.02		54"
III	1.75		0.6	20	3.63	8.03	3.81	8.42		
I, II, III		3.91		20	3.63	8.03	8.62	18.84	24"	30"
IV	0.9		0.6	15	4.06	8.50	2.28	4.63	18"	24"

Revised 7/21/86 & Approved.

DRAINAGE AND UTILITY PLAN

BLUESTEM VILLAGE SECOND