

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.428 \text{ AC}) = 0.80 \text{ CFS}$$

$$= (3.85 \text{ CFS/AC}) \times (0.184 \text{ AC}) = 0.71 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 1.51 \text{ CFS}$$

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.304 \text{ AC}) = 0.57 \text{ CFS}$$

$$= (3.85 \text{ CFS/AC}) \times (0.000 \text{ AC}) = 0.00 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 0.57 \text{ CFS}$$

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.000 \text{ AC}) = 0.00 \text{ CFS}$$

$$= (3.85 \text{ CFS/AC}) \times (0.064 \text{ AC}) = 0.25 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 0.25 \text{ CFS}$$

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.064 \text{ AC}) = 0.12 \text{ CFS}$$

$$= (3.85 \text{ CFS/AC}) \times (0.216 \text{ AC}) = 0.83 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 0.95 \text{ CFS}$$

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.014 \text{ AC}) = 0.03 \text{ CFS}$$

$$= (3.85 \text{ CFS/AC}) \times (0.208 \text{ AC}) = 0.80 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 0.83 \text{ CFS}$$

N/F MALLARD'S LANDING APARTMENTS, LLC DB. 2472, PG. 1 ZONED R4 APARTMENTS

N/F W. H. ERKER REALTY & BUILDING CO. DB. 2954, PG. 146 ZONED C2 LOT 3 1.00 ACRES 43,550 SQ. FT.

PROPOSED BANK MIDWEST FACILITY 3470 SQ. FT. F.F. = 563.98

N/F WILLIAM ERKER ZONED C2 VACANT

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.047 \text{ AC}) = 0.09 \text{ CFS}$$

$$= (3.85 \text{ CFS/AC}) \times (0.072 \text{ AC}) = 0.28 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 0.37 \text{ CFS}$$

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.711 \text{ AC}) = 1.33 \text{ CFS}$$

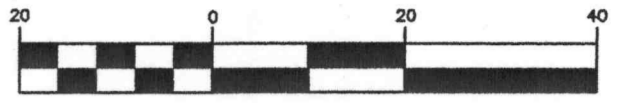
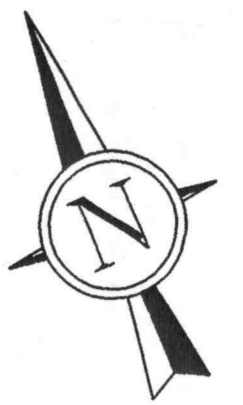
$$= (3.85 \text{ CFS/AC}) \times (0.439 \text{ AC}) = 1.69 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 3.02 \text{ CFS}$$

$$Q_{15} = (1.87 \text{ CFS/AC}) \times (0.000 \text{ AC}) = 0.00 \text{ CFS}$$

$$= (3.85 \text{ CFS/AC}) \times (0.052 \text{ AC}) = 0.20 \text{ CFS}$$

$$\text{TOTAL } Q_{15} = 0.20 \text{ CFS}$$



(IN FEET)
1 inch = 20 ft.

N/F W WALMAR INVESTMENT CO DB. 1560, PG. 1244 ZONED C3 VACANT

N/F JACKSON, DEAN JACKSON, DIANNE GUNDAKER GORDON DB. 2865, PG. 1091 ZONED C3 VACANT

11/20/03 PER CITY COMMENTS

J. R. GRIMES CONSULTING ENGINEERS, INC. AND THE UNDERSIGNED ENGINEER HAVE NO RESPONSIBILITY FOR SERVICES PROVIDED BY OTHERS TO IMPLEMENT THE IMPROVEMENTS SHOWN ON THIS PLAN AND ALL OTHER DRAWINGS WHERE THE UNDERSIGNED ENGINEER'S SEAL APPEARS. THE CONSTRUCTION MEANS AND METHODS ARE THE SOLE RESPONSIBILITY OF THE OWNER AND CONTRACTOR. J. R. GRIMES CONSULTING ENGINEERS, INC. HAS NO RESPONSIBILITY TO VERIFY FINAL IMPROVEMENTS AS SHOWN ON THIS PLAN UNLESS SPECIFICALLY ENGAGED AND AUTHORIZED TO DO SO BY THE OWNER OR CONTRACTOR.

PLANNING & ZONING #: 4703

**BANK MIDWEST
DRAINAGE AREA MAP**

**J. R. GRIMES
CONSULTING ENGINEERS, INC.**

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DRAWN BY: GJG	DATE: 10/28/03	CHECKED BY: LJM	DATE: 10/28/03	JOB NUMBER: 1132	SHEET: C17
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