IF DISCREPANCIES EXIST BETWEEN THE GRADING NOTES BELOW AND THE RECOMMENDATIONS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT SHALL GOVERN.

GRAPHIC SCALE

20 0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

A-1
TOTAL AREA=0.31 ACRES
C=0.8
10 YR STORM EVENT
$T_C$=5 MIN
I=7.38
Q=C1A=1.83 CFS

A-2
TOTAL AREA=0..52 ACRES
C=0.8
10 YR STORM EVENT
$T_C$=5 MIN
I=7.38
Q=C1A=3.07 CFS

A-3
TOTAL AREA=0.60 ACRES
C=0.8
10 YR STORM EVENT
$T_C$=5 MIN
I=7.38
Q=C1A=3.54 CFS

A-4
TOTAL AREA=0.24 ACRES
C=0.8
10 YR STORM EVENT
$T_C$=5 MIN
I=7.38
Q=C1A=1.41 CFS

LEGEND (PROPOSED)

- 23.9 / X — SPOT ELEVATION (ADD 1300), TOP OF PAVEMENT
- 23.90 / 23.40 — TOP OF CURB (ADD 1300) / FLOWLINE OF CURB (ADD 1300)
- FLOW DIRECTION
- 1324 — FINISHED 1' CONTOUR INTERVALS, TOP OF PAVEMENT
- GRADE BREAK
- DETAILS – SEE DETAIL SHEETS NO. C-11 & C-12 FOR THE FOLLOWING DETAILS
- 402 CURB INLET; 403 JUNCTION BOX
- NOTES:
- 21C MATCH EXISTING PAVEMENT ELEVATIONS
- 21E SAW CUT & REMOVE EXISTING CURB AND GUTTER & MATCH EXISTING PAVEMENT

**BENCHMARKS:**
BM #1: CITY OF WICHITA BENCHMARK, NORTHWEST CORNER OF INTERSECTION, 88.5 FEET WEST OF CENTERLINE, 58.0 FEET NORTH OF CENTERLINE, 106.0 FEET NORTHWEST OF SECTION CORNER IRON, 11.0 FEET WEST OF TRAFFIC LIGHT POLE, 1.56 FEET SOUTH OF SOUTH FACE OF SIDEWALK. ELEV=1322.45

TBM #2: RAILROAD SPIKE SET IN WEST FACE OF SECOND UTILITY POLE NORTH OF INTERSECTION OF MAIZE & MAPLE ON EAST SIDE OF SITE. ELEV=1323.59

| REV | DATE | DESCRIPTION | DSN | DWN | CHK |
|---|---|---|---|---|---|
| 0 | 7-20-07 | INITIAL ISSUE | JT | | |

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# FAMILY VIDEO
## MAPLE STREET & MAIZE ROAD
## WICHITA, KANSAS

## SITE DEVELOPMENT PLAN
## PROPOSED DRAINAGE AREA MAP

| | |
|---|---|
| PROJ. NO. | A07_3527 |
| DATE | JULY 2007 |
| DESIGNER | LDO |
| DRAWN BY | BJH/JT |
| CFN | SDP\3527PDAM |
| REV | 0 |
| SHEET | |


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