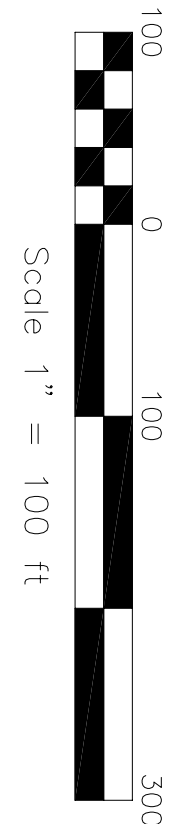
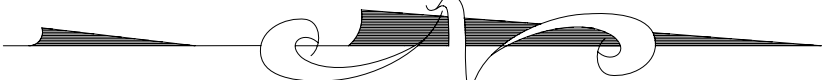


GRADING AND DRAINAGE PLAN



- GENERAL NOTES:
- OCCUPANCY PERMIT FOR PROPOSED BUILDINGS WILL NOT BE ISSUED UNTIL THE REQUIRED PUBLIC DRAINAGE IMPROVEMENTS ARE COMPLETED, FINAL INSPECTED, AND ACCEPTED BY THE PUBLIC WORKS DEPARTMENT.
 - ALL CURB INLETS ON-SITE WILL BE BUILT PER CITY STANDARDS.
 - ALL STORM SEWER SHALL BE DESIGNED FOR THE 100-YEAR STORM.



STORM DRAINAGE STRUCTURE SCHEDULE			
STRUCTURE NUMBER	STRUCTURE TYPE	TOP/GATE ELEVATIONS	FLOWLINE ELEVATIONS
CS-1	CONTROL STRUCTURE	991.00	976.00
FES-3	FLARED END SECTION	-	976.00
JB-5	JUNCTION BOX	992.75	983.04
JB-6	JUNCTION BOX	995.75	983.85
JB-7	JUNCTION BOX	992.60	984.74
CB-8	CATCH BASIN	992.60	996.25
CB-9	CATCH BASIN	996.25	991.10
CB-10	CATCH BASIN	996.25	991.10
CB-11	CATCH BASIN	1000.40	996.60
A-12	AREJ INLET	1002.50	996.60
A-13	AREJ INLET	1001.50	998.20
CB-14	CATCH BASIN	991.10	984.91
CB-15	CATCH BASIN	992.10	985.15
CB-16	CATCH BASIN	993.40	986.46
CB-17	CATCH BASIN	997.70	991.30
CB-18	CATCH BASIN	997.60	992.46
CB-19	CATCH BASIN	1001.90	995.78
CB-20	CATCH BASIN	1002.75	997.75
CB-21	CATCH BASIN	996.15	992.64
CB-22	CATCH BASIN	998.10	992.51
CB-23	CATCH BASIN	1002.40	993.85
CB-24	CATCH BASIN	1006.25	996.71

STORM DRAINAGE STRUCTURE SCHEDULE			
STRUCTURE NUMBER	STRUCTURE TYPE	TOP/GATE ELEVATIONS	FLOWLINE ELEVATIONS
CB-25	CATCH BASIN	1001.50	998.17
CB-26	CATCH BASIN	992.00	986.98
CB-27	CATCH BASIN	984.35	989.38
CB-28	CATCH BASIN	996.50	991.50
CB-29	CATCH BASIN	992.50	987.18
FES-30	FLARED END SECTION	-	978.00
FES-31	FLARED END SECTION	-	978.00
CI-32	CURB INLET	993.00	988.00
CB-33	CATCH BASIN	992.50	983.18
CB-34	CATCH BASIN	994.50	983.97
CB-35	CATCH BASIN	994.50	985.15
CB-36	CATCH BASIN	993.50	987.20
CB-37	CATCH BASIN	993.90	987.20
CB-38	CATCH BASIN	993.90	987.20
CB-39	CATCH BASIN	993.90	987.20
CB-40	CATCH BASIN	993.90	987.20
CB-41	CATCH BASIN	993.90	987.20
CB-42	CATCH BASIN	993.90	987.20
CB-43	CATCH BASIN	993.90	987.20
CB-44	CATCH BASIN	993.90	987.20
CB-45	CATCH BASIN	993.90	987.20



Benchmarks:

- BW-1 SET CHISEL ON CENTER FRONT FACE CURB INLET SE CORNER INTERSECTION OF OVERLAND DRIVE AND WAKARUSA DRIVE.
ELEV: 1003.25
- BW-2 SET CHISEL 'T' NE CORNER CONCRETE STREET LIGHT BASE IN NW CORNER 6TH STREET AND WAKARUSA DRIVE.
ELEV: 1011.99
- BW-3 SET CHISEL 'T' NE CORNER CONCRETE PAD FOR ELECTRICAL BOX 100' ± EAST OF AREJA TARGET 1 WEST SIDE OF BASEBALL DIAMOND.
ELEV: 997.46

PRELIMINARY DEVELOPMENT PLAN

FOR REVIEW PURPOSES ONLY
NOT TO BE USED FOR CONSTRUCTION

GRADING AND DRAINAGE PLAN

WAL-MART SUPERCENTER #5219-00
LAWRENCE, DOUGLAS COUNTY, KS

BUESCHER FRANKENBERG ASSOCIATES, INC.
Telephone: (620) 239-4751

DATE: 10-06-06 SCALE: 1" = 100' SHEET NO: 5 OF 5

Three working days prior to the start of construction, the contractor shall provide a site map showing the location of all proposed structures and utilities. This map shall be submitted to the city engineer for review and approval. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws and regulations. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws and regulations. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws and regulations.

NO.	REVISION	BY	DATE	APP'D