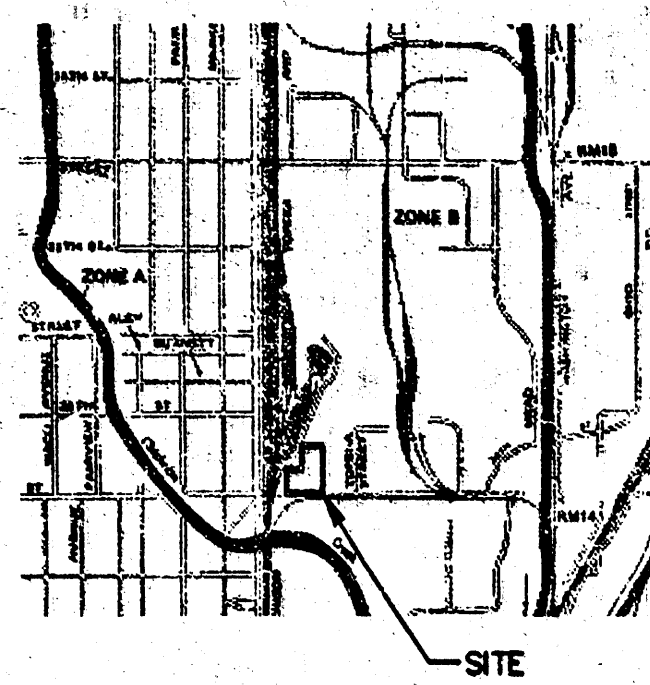


FLOOD ZONE MAP

Sec. 4, T27S, R12E



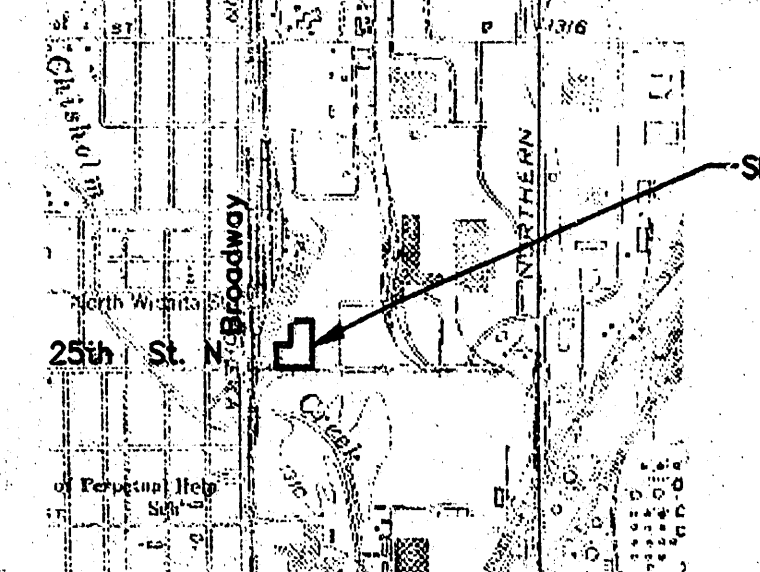
SCALE: 1" = 2,000'

FLOOD ZONE

Subject property is in Zone B, as shown on Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Sedgwick County, Kansas, Community Panel Number 200328 0010 B, effective May 15, 1986.

QUADRANGLE MAP

Sec. 4, T27S, R12E



WICHITA EAST QUADRANGLE
7.5 Minute Series
SCALE: 1" = 2,000'

DRAINAGE PLAN FOR AARON GOODWIN ADDITION TO SEDGWICK COUNTY, KANSAS

A.T. & S.F. RAILROAD

EXISTING
DRAINAGE DATA
Area=1.2 acres
SCS Soil Type B
Urban Land
Elandco Complex
C = 0.37
Tc = 40 min.
100=4.73"/hr.
Q 100=2.1 cfs

EXISTING
DRAINAGE DATA
Area=0.3 acres
SCS Soil Type B
Urban Land
Elandco Complex
C = 0.37
Tc = 37 min.
100=4.95"/hr.
Q 100=0.5 cfs

EXISTING
DRAINAGE DATA
Area=0.3 acres
SCS Soil Type B
Urban Land
Elandco Complex
C = 0.37
Tc = 37 min.
100=4.95"/hr.
Q 100=0.5 cfs

EXISTING
DRAINAGE DATA
Area=0.7 acres
SCS Soil Type B
Urban Land
Elandco Complex
C = 0.37
Tc = 43 min.
100=4.54"/hr.
Q 100=1.2 cfs

PROPOSED
DRAINAGE DATA
Area=2.5 acres
SCS Soil Type B
Urban Land
Elandco Complex
C = 0.48
Tc = 15 min.
100=7.40"/hr.
Q 100=8.9 cfs

Proposed Use:
Salvaged Yard with
gravel surfacing and
concrete entrance drive.

Note:
Owner/Developer shall regrade
platted area as required to drain
property to 25th St. N. Ditch as
shown by proposed drainage arrows.

Glickman Metal
Recycling LLC

SCALE 1"=40'

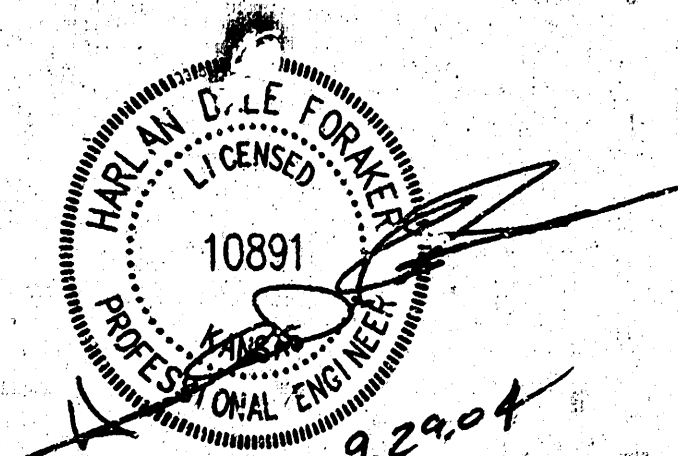
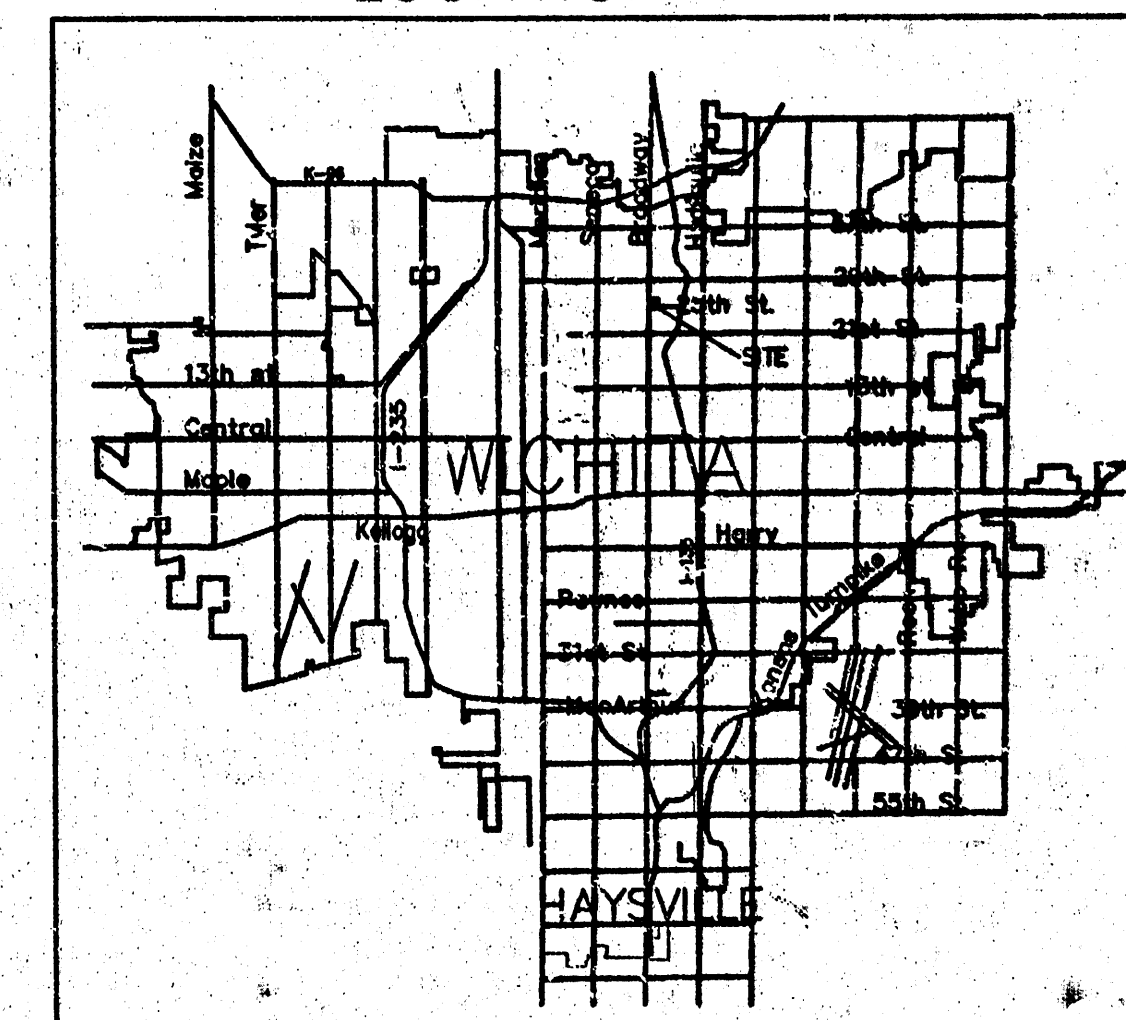
LEGEND

- - set 5/8" rebar & "Armstrong" cap
- ⊙ - nail and shinner found
- ⊗ - iron w/ "MKEC" cap found
- - found 1/2" iron pipe
- ⊠ - concrete monument found
- M - measured distance
- P - plot distance
- cm - calculated from measured distance
- - property line
- - center line
- - easement line
- - setback line
- - underground utility
- - chainlink fence
- - cable TV riser
- - telephone riser
- - fire hydrant
- - elec. transformer
- - air conditioner
- - power pole
- - manhole
- - light pole
- - gas meter
- - gas valve
- - water meter
- - water valve
- - sign

- = Proposed Drainage Flow Direction
- = Existing Drainage Flow Direction
- = Ridge Line
- = Concrete(710 s.f. or 0.16 Acres)
- = Gravel(106,275 s.f. or 2.34 Acres)
- 126.6 = Existing Elevations as of 8-21-04

Owner: Ronald A. & Michelle Goodwin
1716 S. Richmond
Wichita, KS 67213

LOCATION MAP



REV. 09-21-2004	Revised Proposed Drainage
DRAINAGE PLAN PREPARED BY:	
CERTIFIED ENGINEERING DESIGN, P.A.	
CED	810 WEST DOUGLAS, SUITE C WICHITA, KANSAS 67203 PH: (316) 262-8808 FAX: (316) 262-1369
SHEET 1	TOTAL 1



**ARMSTRONG
LAND SURVEY, P.A.**

1801 E. HARRY
WICHITA, KANSAS 67211
PH - (316) 263-0082
Fax - (316) 263-0082

SURVEY DISCLAIMER:
TOPOGRAPHIC SURVEY AND CONTOUR MAP USED IN PREPARING
PLANS WAS PROVIDED BY ARMSTRONG LAND SURVEY, P.A., 250 N.
MATHEWSON, WICHITA, KS. ENGINEER DOES NOT GUARANTEE
SURVEY ELEVATIONS FOR ACCURACY. CONTRACTOR SHALL VERIFY
ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.