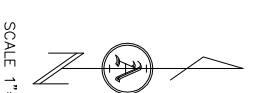


# DRAINAGE PLAN FOR BANUELOS ADDITION TO SEDGWICK COUNTY, KANSAS

Owner: Francisco C. Banuelos  
2209 N. Waco  
Wichita, KS 67204



SCALE 1"=30'

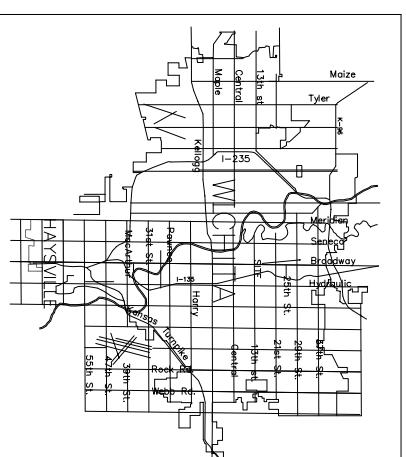
## LEGEND

- - set 5/8" rebar & "Armstrong" cap
- - found 1" iron pipe
- - found 1 1/2" iron pipe
- - found 1 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

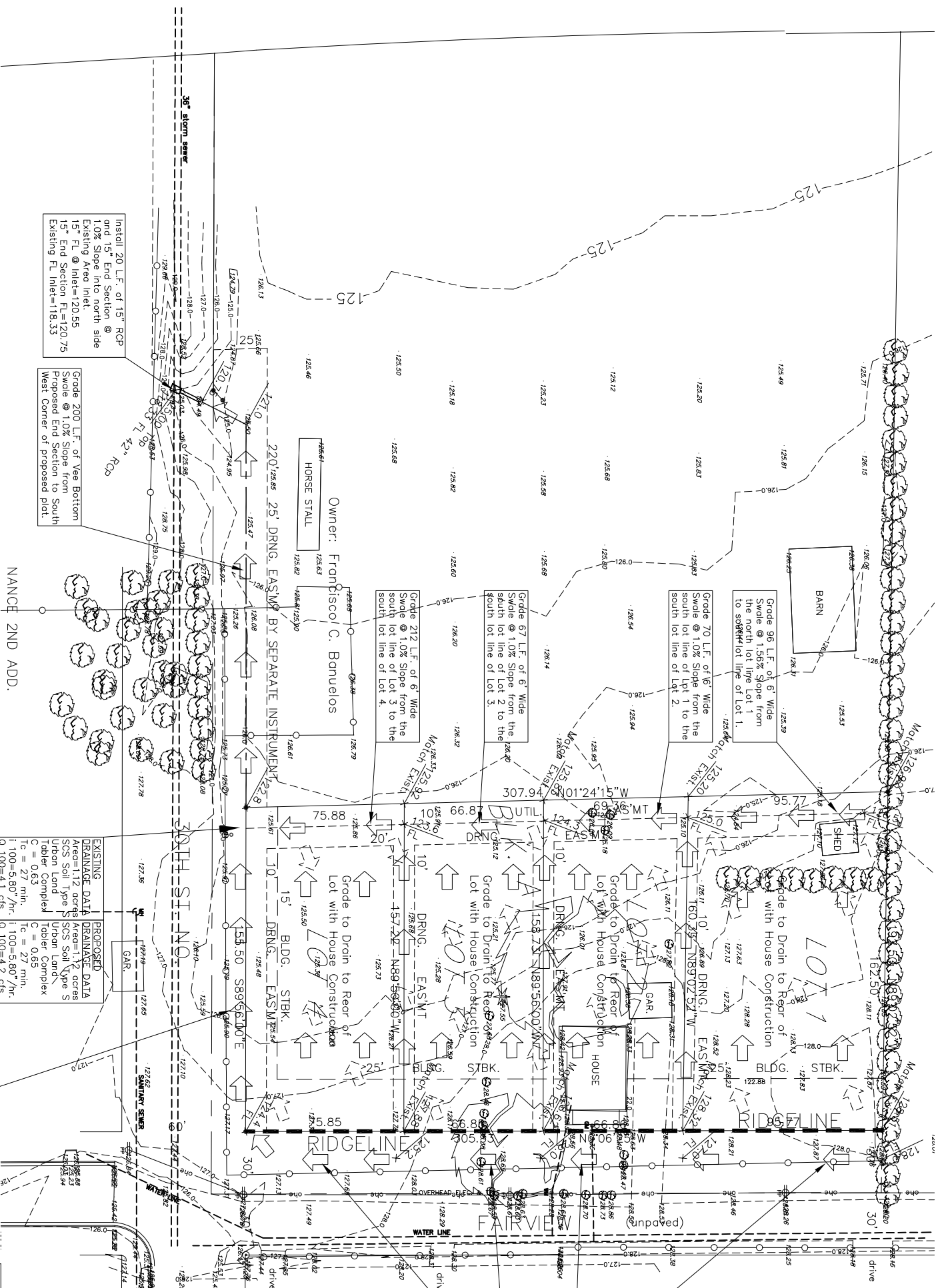
- = Proposed Drainage Flow Direction with house developed in middle of lot
- = Existing Ridge Line

- Grade Vee Bottom Drainage Swale @ 1.00% Slope within right-of-way to drain.
- Grade Vee Bottom Drainage Swale @ 1.5% Slope within right-of-way to drain.
- Grade Vee Bottom Drainage Swale @ 1.2% Slope within right-of-way to drain.
- Grade Vee Bottom Drainage Swale @ 1.1% Slope within right-of-way to drain.

## LOCATION MAP

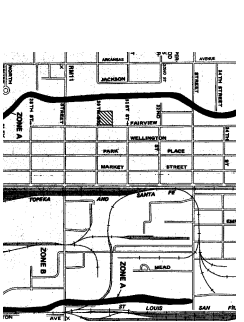


## DRAINAGE DEDICATION



## FLOOD ZONE MAP

Sec. 32, T28S, R1E



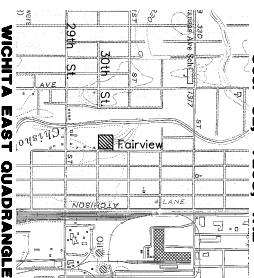
SCALE: 1" = 2000'

## FLOOD ZONE:

Subject property is in Zone B, as shown of (Federal Emergency Management Agency) for Sedgwick County Kansas, Community Panel Number 200328 0010 B, effective May 15, 1986.

## QUADRANGLE MAP

Sec. 32, T28S, R1E

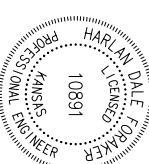


7.5 Minute Series  
SCALE: 1" = 2000'

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

**ARMSTRONG LAND SURVEY, P.A.**  
1601 E. HARRY  
WICHITA, KANSAS 67211  
PH - (316) 263-0082  
FAX - (316) 263-0092

REV. 03-30-2006 Revised DP for four lot layout  
DRAINAGE PLAN PREPARED BY:  
**CERTIFIED ENGINEERING DESIGN, P.A.**  
810 WEST DOUGLAS, SUITE C  
WICHITA, KANSAS 67203  
PH: (316) 262-8808  
FAX: (316) 262-1669



TO TOTAL 1 SHEET 1