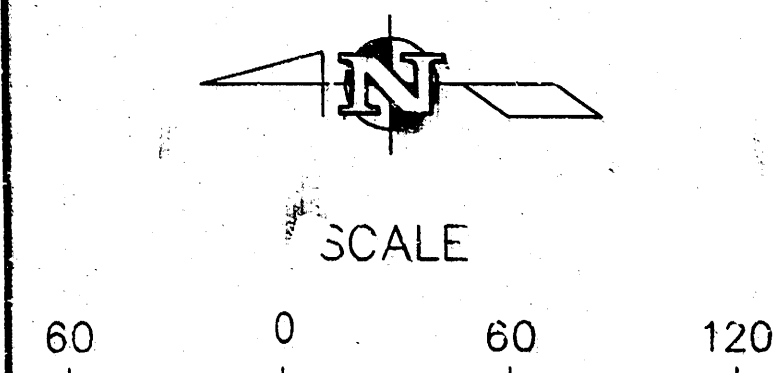


DRAINAGE PLAN RUSTY ECK FORD ADDITION WICHITA, KANSAS



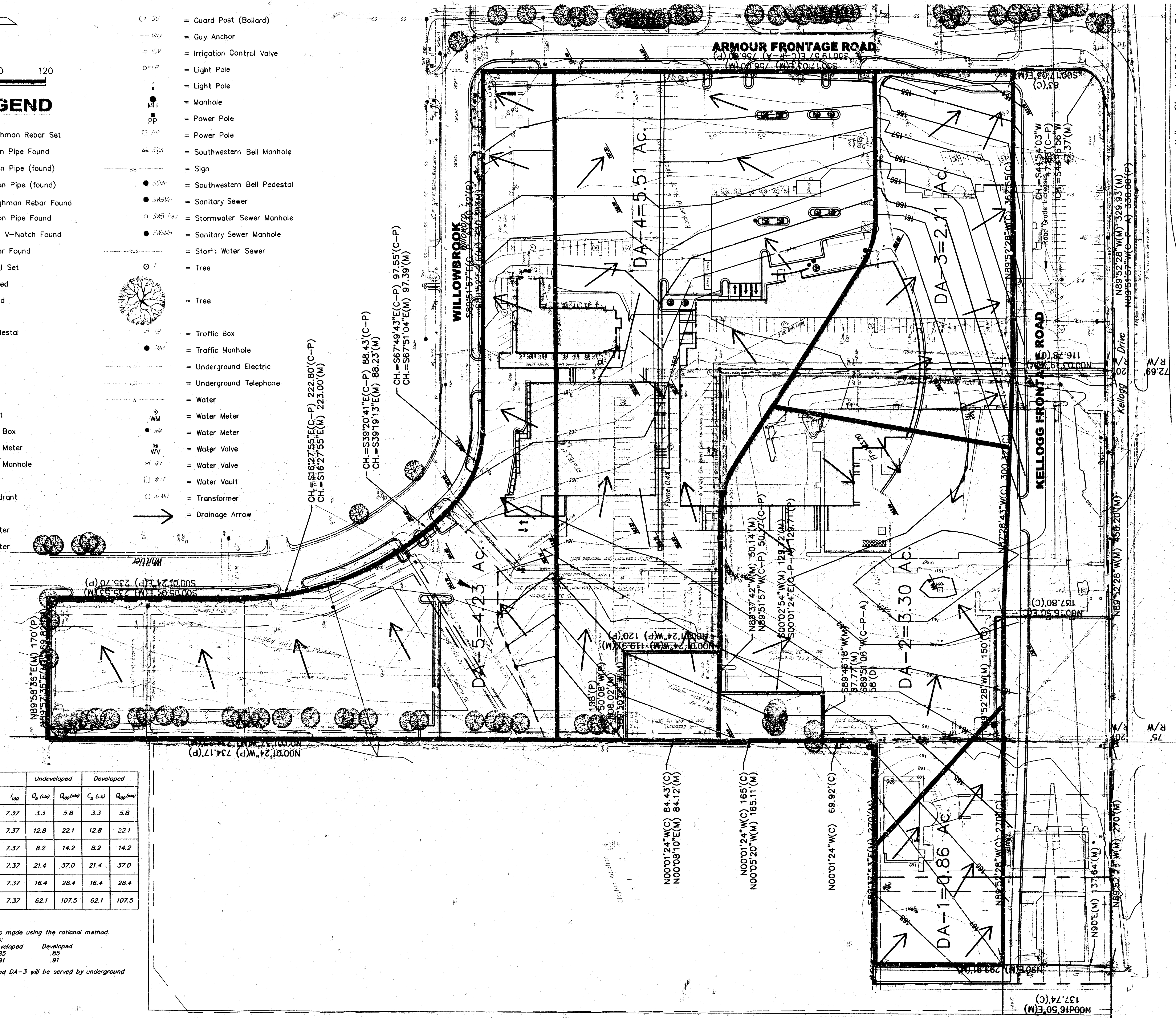
LEGEND

- = #4 Baughman Rebar Set
- = 1/2" Iron Pipe Found
- = 1/2" Iron Pipe (found)
- = 3/4" Iron Pipe (found)
- = #4 Baughman Rebar Found
- △ = 3/4" Iron Pipe Found
- ∇ = Chiseled V-Notch Found
- = #4 Rebar Found
- ⊙ = P.K. Nail Set
- (C) = Calculated
- (M) = Measured
- (P) = Platted
- BPED = Bell Pedestal
- = Bollard
- = Cedar
- = Cleanout
- = Electric Box
- = Electric Meter
- = Electric Manhole
- = Fence
- = Fire Hydrant
- = Gas
- = Gas Meter
- = Gas Meter
- = Guard Post (Bollard)
- = Guy Anchor
- = Irrigation Control Valve
- = Light Pole
- = Light Pole
- = Manhole
- = Manhole
- = Power Pole
- = Power Pole
- = Sign
- = Sign
- = Southwestern Bell Manhole
- = Sign
- = Southwestern Bell Pedestal
- = Sanitary Sewer
- = Stormwater Sewer Manhole
- = Sanitary Sewer Manhole
- = Storm Water Sewer
- = Tree
- = Tree
- = Traffic Box
- = Traffic Manhole
- = Underground Electric
- = Underground Telephone
- = Water
- = Water Meter
- = Water Meter
- = Water Valve
- = Water Valve
- = Water Vault
- = Transformer
- = Drainage Arrow

Area #	Area (ac)	L	I ₁₀₀	Undeveloped		Developed	
				Q ₁ (cfs)	Q ₂ (cfs)	Q ₃ (cfs)	Q ₄ (cfs)
1	0.86	4.56	7.37	3.3	5.8	3.3	5.8
2	3.30	4.56	7.37	12.8	22.1	12.8	22.1
3	2.11	4.56	7.37	8.2	14.2	8.2	14.2
4	5.51	4.56	7.37	21.4	37.0	21.4	37.0
5	4.23	4.56	7.37	16.4	28.4	16.4	28.4
TOTAL	16.01	4.56	7.37	62.1	107.5	62.1	107.5

- NOTES:
- Determination of Q's was made using the rational method.
 - c's used were as follows:

5yr frequency	Undeveloped	Developed
100 yr frequency	.85	.91
 - Drainage Areas DA-2 and DA-3 will be served by underground Stormwater Extension.



BENCHMARK
"□" Cut SW Gpr. Bridge
86.29 ft. W & 1.34 ft. S of
Centerline of Intersection
Armour & Kellogg

FILENAME: 02031-dr-pn

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