CASCO ADDITION
(Drainage)

Access Control Except for 4 openings

WEST STREET

264' South of NE 1/4 SE 1/4 sec. 35 Twp 27S, R.1.W.

1057.04' N 00° E

Proposed Pavement

Proposed 8"x8.5" R.C.B.C.

4'6"x2'6" SMC FLUME

SIDEWALK

SANITARY SEWER EASEMENT

16" san. Sewer?

35' BUILDING SETBACK

1057.00'

2" Force Main?

16" san Sewer?

RIGHT OF WAY DEDICATION (Pump Station)

DRAINAGE EASEMENT

EXISTING BUILDING

ASPHALT PAVING

LOT 1

TREE

Metal Building

EXISTING BUILDING

10' Utility Easement?

N 00° E

1056.94'

DRAINAGE EASEMENT

55' CONTINGENT STREET DEDICATION

N 89° 56' 30" E

Asphalt Road

Da = 13² ac.
C = 0.80
Q₂₅ = 55² cfs
Q₁₀₀ = 95² cfs

VICINITY PLAT

CASCO ADDITION

CONCEPTUAL NOTES

The lot will be industrial zoned with an average runoff factor of 0.80 used for the entire site. The drainage area excluding the 115' drainage easement at the south line has approximately 13.2 acres. The total maximum runoff generated from the 100 year storm will amount to 95 CFS. The flow of this runoff will be directed to the south into the drainage easement which conveys storm water from West Street storm sewers to the west.

Inner lot drainage and the final grading plan for the site will be handled by either a local ditch swale or storm sewer pipe and inlets both of which will be discharged into the drainage easement.

SCALE: 1"=50'
City Datum

Bench Mark: south Bolt on top of Fire Hydrant 77, 33'41 E 54'E of E. JEWELL and WEST ST. Elev.= 112.16 City Datum

PRELIMINARY PLAT

CASCO ADDITION

PART OF SE1/4 OF SEC. 35, TWP. 27-S, R-1-W

CASCO INC.
FRED SCHILLER, PRES.

DRAINAGE PLAN

6/28/85

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316-262-7271 • 330 LAURA • WICHITA, KANSAS 67211

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