DRAINAGE PLAN FOR
"EL CAMPESTRE"
AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS
IN THE NE CORNER OF THE NE 1/4 OF SECTION 32, T26S, R1E OF THE 6TH P.M.

FOUND 1/2" REBAR
NW COR. NE1/4 OF THE NE1/4
SEC. 32, T26S, R1E

N 90°00'00" W
1324.75'

37TH STREET (ASPHALT)

148.4'

98.4'

MONUMENT DESTROYED
CALCULATED FROM
RECORD POSITION
NE COR. NE1/4
SEC. 32, T26S, R1E

50.00'

BM

AREA 2
DRAINAGE DATA
Area= .190 acres
C(5)= 0.87
Tc(min)=15 min.
i(5)= 5.21"/hr.
Q(5)= 0.861 cfs

NOTE: Site Plan shall require revision to offset edge of new parking to allow sufficient room for required fill construction to remain on owner's property.

Install 15" CMP Entrance Pipe w/end sections. Clean ditch downstream to ensure positive drainage.

Regrade ditch flowline as required to ensure positive drainage

NOTE: Site Plan shall require revision to offset edge of new parking to allow sufficient room for required fill construction to remain on owner's property.

EXISTING DITCH FL

EXISTING EDGE OF ASPHALT

TRANSFORMER

FOUND 1/2" REBAR (BAUGHMAN)

N 89°58'05" W
95.05'

Parking Lot runoff is not permitted to drain onto right-of-way

10' CONTINGENT RIGHT-OF-WAY

20' BUILDING SETBACK LINE

EXISTING CONCRETE PAD (TO BE REMOVED)

BUILDING

PORCH

C.A.C.

WITH 3/4" CAP

S 45°20'36" E (M)
352.59' (M)

5' Sidewalk

LOT 1
BLOCK 1

PROPOSED BUILDING
MIN. F.F.E. = 136.0

Roof Downspouts shall be drained to pavement in front of building

RIDGE LINE

EXISTING EDGE OF GRAVEL

S 89°53'51" E
115.04'

Unpaved area between building and property line only

FOUND 1/2" REBAR (BAUGHMAN)

AREA 1
DRAINAGE DATA
Area= .016 acres
C(5)= 0.52
Tc(min)= 15 min.
i(5)= 5.21"/hr.
Q(5)= 0.044 cfs

S 00°43'29" E
179.85'

N 00°43'05" W
345.00'

BROADWAY (ASPHALT)

WEST LINE OF RAILROAD R/W

S 00°47'00" E
2684.47'
N 00°56'48" W

73.9'

123.90'

NOTE: Site Plan shall require revision to offset edge of new parking to allow sufficient room for required fill construction to remain on owner's property.

SITE

FEMA Panel No. 200328 0010
Effective May 15, 1986

GRAPHIC SCALE
-10 0 5 10 20
(IN FEET)
1 inch = 10 ft.

LEGEND
- BM = BENCHMARK
- = SECTION CORNER FOUND
- = PROPERTY IRON
- = EXISTING TRAFFIC SIGN
- = STORM WATER SEWER MH
- = EXISTING UTILITY MANHOLE
- = PROPOSED UTILITY MANHOLE
- FH = EXISTING FIRE HYDRANT
- = PROPOSED FIRE HYDRANT
- = EXISTING WATER VALVE
- = LIGHT POLE
- = MONITORING WELL
- = CENTERLINE
- = PROPERTY LINE
- = FENCE

DRAINAGE KEY
- +1386.33 = PRELIMINARY PROPOSED ELEV.
- +1386.84 = EXISTING ELEV.
- 1.0% = FLOW GRADE
- = FLOW DIRECTION
- 860.5 = EXIST. CONTOURS
- 860.5 = PROP. CONTOURS

FOUND 1/2" PIPE
SE COR. NE1/4
SEC. 32, T26S, R1E

BENCHMARK
C.O.W. BENCHMARK, 36 FEET WEST & 29 FEET NORTH OF CENTERLINE INTERSECTION OF 37TH STREET NORTH AND BROADWAY.

ELEVATION = 135.172 (CITY DATUM)

HORIZONTAL CONTROL POINTS

C.P. NO. 1	N 5022.21 E 5111.96	1/2" IRON, SEC CORNER, NE SEC 32, T26S, R1E
C.P. NO. 2	N 4971.39 E 4874.19	PROPERTY PIN, NW COR. 1/2" REBAR FOUND
C.P. NO. 3	N 4891.55 E 4875.20	PROPERTY PIN, SW COR. 1/2" REBAR FOUND

HARLAN DALE FORMAN LICENSED 10891 KANSAS PROFESSIONAL ENGINEER

SITE GRADES SHOWN ARE FOR PURPOSES OF THE DRAINAGE PLAN ONLY AND ARE NOT INTENDED FOR CONSTRUCTION. THIS PLAN IS NOT A GRADING PLAN AND SHOULD NOT BE USED FOR CONSTRUCTION.

UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

5.1.02 Rev. for revised final plat and site plan
4.25.02 Rev. to reflect drainage out entrance onto 37th St. entrance

DRAINAGE PLAN PREPARED BY:

CERTIFIED ENGINEERING DESIGN, P.A.
810 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67203
PH: (316) 262-8808
FAX: (316) 262-1699

SHEET 1
TOTAL 1