MID-KANSAS ENGINEERING
CONSULTANTS, P.A.
3500 N. Rock Road, #800
Wichita, KS 67226
(316) 636-5566

# LETTER OF TRANSMITTAL

**PROJECT:** Webb Road Development Addition

**PROJECT #:** _____ **DATE:** 02/21/01

**TO:** Becky Krahn, P.E.
City of Wichita
Engineering Department
455 N. Main, 7th Floor
Wichita, KS 67202

We are sending the following items: (x) Attached ( ) Under separate cover via _____

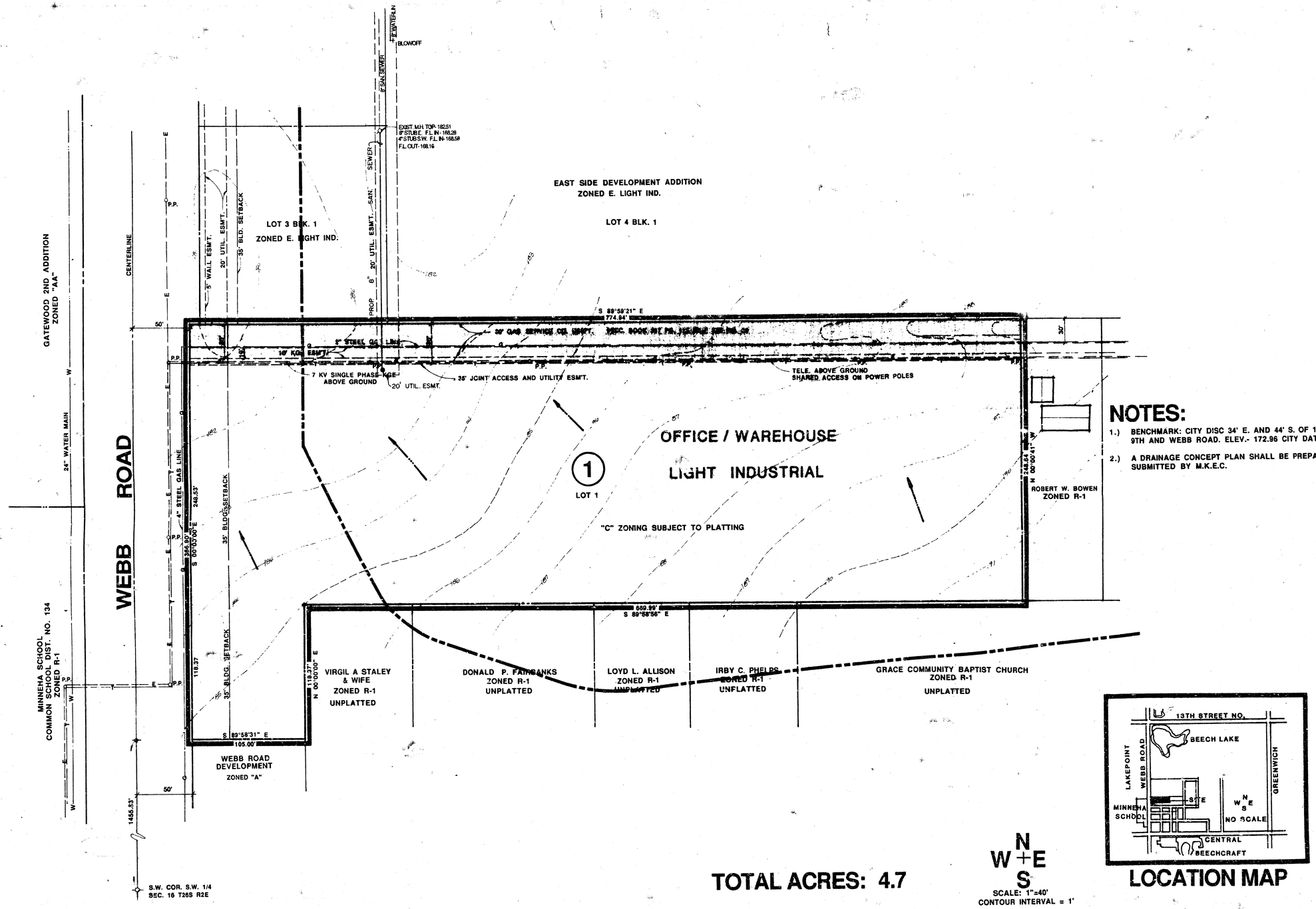
( ) Prints ( ) Specifications ( ) Legal Descriptions
( ) Tracings ( ) Petitions ( ) Correspondence ( ) Other

**COMMENTS:** 1 - Drainage & utility plan for Webb Road Development Addition.
1 - Drainage & utility plan for East Side Development.

( ) For our Approval ( ) As Requested
( ) For Your Use ( ) For Your Files
( ) Approved as Noted (x) For Review and Comment

**REMARKS:**

Signed: Benny Siegen
Benny Siegen




## NOTES:

1.) BENCHMARK: CITY DISC 34' E. AND 44' S. OF 1/4 SEC. COR. AT 9TH AND WEBB ROAD. ELEV.- 172.96 CITY DATUM.

2.) A DRAINAGE CONCEPT PLAN SHALL BE PREPARED AND SUBMITTED BY M.K.E.C.

**TOTAL ACRES: 4.7**

N
W E
S

SCALE: 1"=40'
CONTOUR INTERVAL = 1'




**LOCATION MAP**

## DRAINAGE & UTILITY PLAN

# WEBB ROAD DEVELOPMENT ADDITION

OWNER: WEBB ROAD DEVELOPMENT & LES RUDD, P.O. BOX 782257 WICHITA, KANSAS, 67278 PH. 263-5094

# EAST SIDE DEVELOPMENT

## DRAINAGE & UTILITY PLAN

OWNER: BEECH AIRCRAFT CORP. P.O. BOX 85 WICHITA KS. 67201

15 June 88
SNS

**LEGEND**
- DRAINAGE DIVIDE
- PROP. SAN. SEWER - 8" (BY PETITION)
- PROP. STORM SEWER (PRIVATE)
- DRAINAGE ARROW

**NOTES**

PRELIMINARY TOPOGRAPHY PREPARED BY DOBLER SURVEYING AND ENGINEERING DEC. 1987

DRAINAGE STUDY PREPARED BY MID-KANSAS ENGINEERING CONSULTANTS P.A.

BENCHMARK:

| Drainage Area | AREA ACRES | ARC. AREA ACTUAL | $C_5$ | $C_{100}$ | $T_c$ | $T_5$ | $I_{100}$ | $Q_5$ | $Q_{100}$ | Pipe Size | Pipe Slope | Inlets |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AREA 'A' Temporary Detention (Driving Range) (TR-20 IN) | 10.81 (0.0169) | | 0.35 (CN=63) | 0.65 (CN=80) | 37 (0.3683) | 22 ($T_c$=5.55) | 2.66 ($I_{24-HR}$) | 6.26 ($I_{100}$=7.80) | 10.90 (11.94) (MSC 183.34) | | | 63.99 (21.32) (MSC 185.59) |
| AREA 'B' Interm. Area (Parking, Etc.) (TR-20 OUT) | 21.33 (0.0349) | | 0.62 (CN=75.5) | 0.74 (CN=88.4) | 24 (0.297) | 18 ($T_c$=4.55) | 3.65 ($I_{24-HR}$) | 6.84 ($I_{100}$=7.80) | 50.53 (45.19) | | | 113.03 (121.74) |
| Total at East Proposed Lake (TR-20 IN) (TR-20 OUT) | 32.14 (0.0518) | | 0.53 - | 0.71 - | 24 - | 2.66 - | 6.01 - | 49.86 (51.97) (MSC 174.27) | 141.41 (139.31) (MSC 175.51) | | | |

Total Discharge - North Dale Beech Lake Site

SCALE 1"=50'
CONTOUR INTERVAL = 1'

LYNCH ADDITION ZONED R-1

DONALD RIDTATH ZONED R-1

W. WOOSTER ZONED R-1

ROBERT W. OWEN ZONED R-1

BEECH AIRCRAFT CORP. ZONED R-1

BEECH AIRCRAFT CORP. ZONED R-1 INDUSTRIAL

LOCATION MAP

GREENWICH
CENTRAL
BEECHCRAFT
13TH STREET NORTH
WEBB ROAD
SITE
CITY LIMITS
LAKEPOINT

TEE
DRIVING RANGE
A
B
BLOCK 1
LOT 4
OUTFLOW TO BEECH PROPERTY
LAKE
Building
PARKING
WAREHOUSE
LIGHT INDUSTRIAL
OFFICE / WAREHOUSE
LIGHT INDUSTRIAL
LIGHT COMMERCIAL
LOT 1
LOT 2
LOT 3
WEBB ROAD
EXISTING STRUCTURES
EXISTING TREES
UNPLATTED
TOTAL ACRES = 24.3
NE QUARTER, NW 1/4, SW 1/4 SEC. 16, T27S, R2E
N 00°00'41"W 828.01'
S89°59'19"E 1274.17'
S89°59'19"E 1274.17'
GAS LINE D.E.
3" STL. GAS LINE
8" STL. GAS LINE
7.2 KV SINGLE PHASE KBE ABOVE GND.
TELEPHONE (ABOVE GND., SHARED ACCESS ON ELEC. POLE)
EXISTING 3 PHASE KBE ABOVE GND.
ACCESS CONTROL EXCEPT 1 OPENING
COMPLETE ACCESS CONTROL
EXISTING PAVEMENT
8" PVC WATER MAIN
6" WATER SERVICE
8" SAN. SEWER