A DRAINAGE AREA MAP FOR

FORT ZUMWALT ELEMENTARY SCHOOL

A TRACT OF LAND IN FRACTIONAL
SECTION 16, U.S. SURVEY 1696
TOWNSHIP 46 NORTH, RANGE 3 EAST
OF THE FIFTH PRINCIPAL MERIDIAN,
ST. CHARLES COUNTY, MISSOURI

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

R-1 SINGLE FAMILY RESIDENTIAL(CITY OF O'FALLON)

PROP N/F
VICTORY BAPTIST CHURCH

THE VILLAGES OF PHEASANT POINT VILLAGES 2A & 5A PB 25 PG 42

EXISTING 100 - YEAR FLOODWAY LIMIT ELEV=482.00

PROP N/F
PAUL & FRED LOEFFLER
BK 302 PG 469

ZONED R-1A (ST. CHARLES COUNTY)

TOTAL OFFSITE Q=40.56 C.F.S.

0.47 ACRES @ 2.86 C.F.S. Q=1.34 C.F.S.

0.73 ACRES @ 3.39 C.F.S. Q=2.47 C.F.S.

1.30 ACRES @ 4.39 C.F.S. Q=5.70 C.F.S.

3.36 ACRES @ 1.87 C.F.S. Q=6.32

2.83 AC. OFFSITE @ 3.85 C.F.S. Q=10.90 C.F.S.

1.07 ACRES @ 3.85 C.F.S. Q=4.12 C.F.S.

1.42 ACRES @ 1.87 C.F.S. Q=2.66

0.75 ACRES @ 1.85 C.F.S. Q=2.59 C.F.S.

0.81 ACRES @ 3.85 C.F.S. Q=3.12 C.F.S.

0.88 ACRES @ 3.95 C.F.S. Q=3.39 C.F.S.

0.76 ACRES @ 3.85 C.F.S. Q=2.93 C.F.S.

0.48 ACRES @ 3.85 C.F.S. Q=1.85 C.F.S.

1.09 ACRES @ 3.85 C.F.S. Q=4.20 C.F.S.

0.71 ACRES @ 1.85 C.F.S. Q=2.73 C.F.S.

0.32 AC. @ 3.85 C.F.S. Q=1.23 C.F.S.

0.40 AC. @ 3.85 C.F.S. Q=1.54 C.F.S.

0.10 AC. @ 3.85 C.F.S. Q=0.39 C.F.S.

0.41 ACRES @ 3.85 C.F.S. Q=1.58 C.F.S.

PROPOSED ELEM. SCHOOL
BASE BID
ALT BID
PHASE 3

FIN FLR 492.00
FIN FLR 494.00

PROPOSED C-2 ZONING(CITY OF O'FALLON)

LOT A

PROPERTY N/F
POST, VIRGIL & MARCELLA
1453/1839

EX. SEWER MANHOLE
TOP EL. 480.22
F.L. EL. 464.80

EX. SEWER MANHOLE
TOP EL. 488.85
F.L. EL. 463.87

LOCATION OF EXISTING SEWER LINE

EXISTING BRIDGE

N 63°35'25" E 1135.00'

S 63°35'25" W

S 26°24'35" E 500.00'

N 26°24'35" W 500.00'

N 35.00'

25' BUILDING SETBACK

10' UTILITY EASEMENT

10' WIDE EASMENT

T.O. = 41.90 C.F.S.
T.O. = 13.56 C.F.S.
T.O. = 82.95 C.F.S.
T.O. = 64.94 C.F.S.
T.O. = 69.35 C.F.S.
T.O. = 7.32 C.F.S.
T.O. = 1.12 C.F.S.
T.O. = 3.39 C.F.S.
T.O. = 6.12 C.F.S.
T.O. = 3.95 C.F.S.
T.O. = 70.59 C.F.S.
T.O. = 10.98 C.F.S.
T.O. = 12.39 C.F.S.
T.O. = 10.40 C.F.S.

FOR DRAINAGE AREA PURPOSES ONLY, NOT FOR CONSTRUCTION

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NEW HIGHWAY "K" ELEMENTARY SCHOOL
for
FORT ZUMWALT SCHOOL DISTRICT

ISSUED
11-14-97
BID PACKAGE No. 2

REVISIONS:
8/19/98
1/4/98

Proj. No. 970334
Date: 11-14-97
Plot: 11-17-97

C-4

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