

MULBERRY EAST



BENCH MARKS

B.M. #1 " " CUT ON W⁴
COR. 125' - 18" S + 20' S + 15' W
CENTER SECTION 29-26-2E.
ELEV. = 208.19

B.M. #2 " " CUT ON NW⁴ -
CORNER COR. 900' -
OF CENTER SECTION
ELEV. = 211.80

B.M. #3 CITY STANDARD 44' S +
48' W OF CENTER LINE
OF 37TH & ROCK ROAD.
ELEV. = 204.11

B.M. #4 CITY STANDARD 32' S
AND 10' E OF S QUARTER
CORNER SECTION 29-26-2E.
ELEV. = 224.64

B.M. #5 TBM RR-SPK IN S FACE
OF CORNER FENCE POST
50' E OF S QUARTER
CORNER SECTION 29-26-2E.
ELEV. = 189.79

MULBERRY EAST
DRAINAGE & UTILITY PLAN
FEBRUARY 1986

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226 682-6561

[illegible][illegible]

The power the system could handle is 72.35 W.
 $P = 72.35 \text{ W}$
 2. Run 3 of a 12" RCP from the RCP @ 1 ft
 a. HTEach across the end runs is the pool
 system could handle 20.25 ft @ 20.25 W
 each alternative would be HTEACH RCP
 3. Run RCP from the RCP @ 1 ft
 4. pool
 5. 10. pool
 6. 10. pool
 7. 10. pool
 8. 10. pool
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 100. 10. pool


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      18      12      4      36.15      0.83      1.25      0
JUNCTION      ELEVATION      DEMAND      PRESSURE      HYDRAULIC
NO.            (FT)            (GPM)            (PSI)            LOSS
1              208.9      0.0      1.8      212.4
2              208.5      0.0      1.8      211.6
3              208.1      0.0      1.8      210.8
4              204.8      0.0      2.2      208.9
5              204.1      0.0      2.0      208.0
6              203.9      0.0      2.0      208.0
7              202.0      0.0      1.8      206.1
8              201.0      0.0      1.8      205.1
9              206.4      0.0      2.1      208.0
10             193.5      0.0      1.4      196.1
11             197.8      0.0      1.4      199.1
12             196.8      0.0      0.7      195.1

THE NET SYSTEM DEMAND = 0
SUMMARY OF INFLUENCE AND OUTFLOWS -
PIPE NO.      FLOW
1              15.71
2              11.35
3              5.0
4              1.92
5              9.520001
6              15.89
11             -36.16
18             -36.16

20.3 = 36.16 + 44.1 cfs =

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