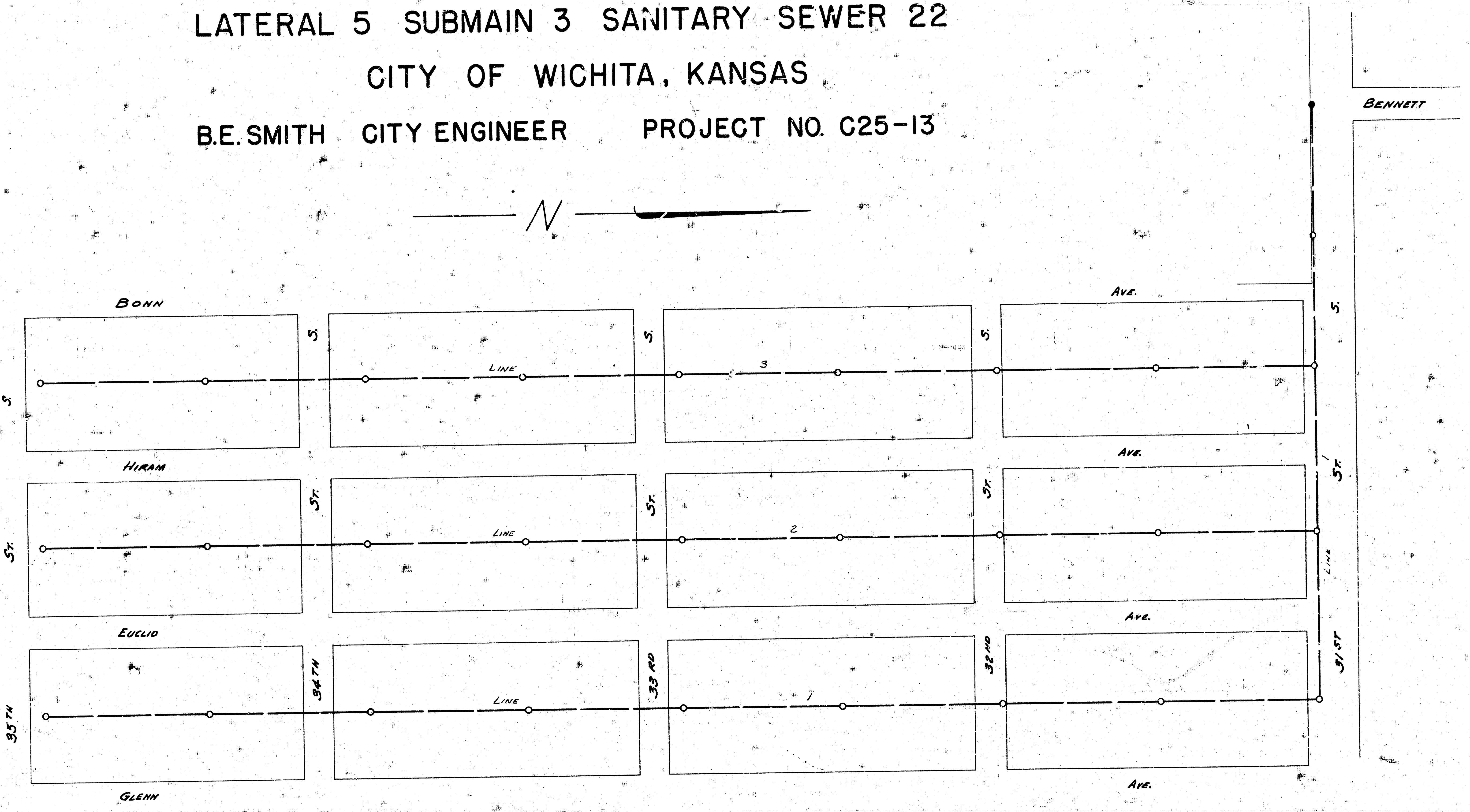
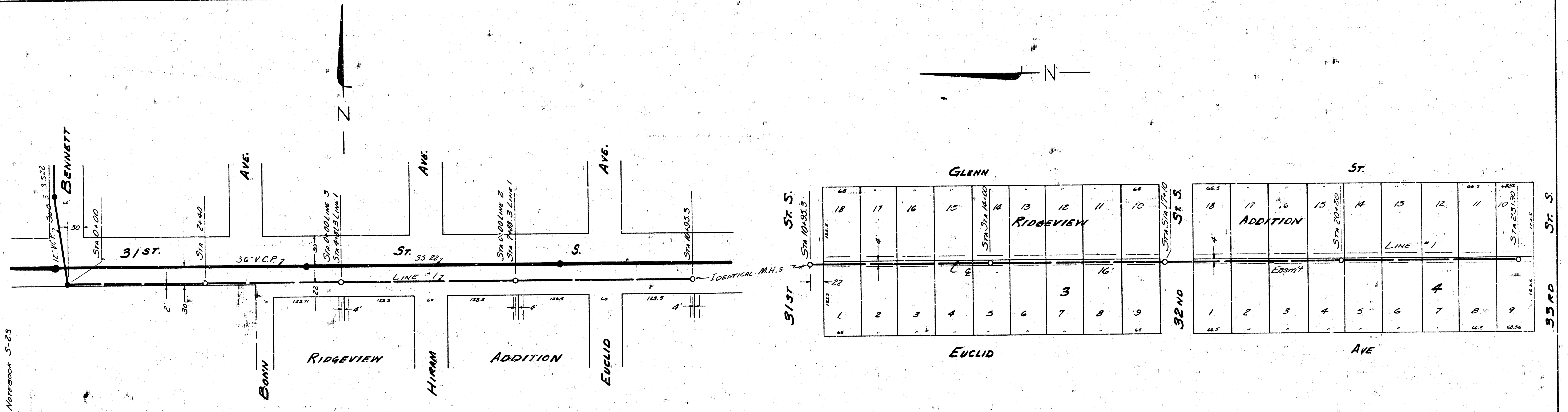
LOCATION MAP
LATERAL 5 SUBMAIN 3 SANITARY SEWER 22
CITY OF WICHITA, KANSAS

B.E. SMITH CITY ENGINEER PROJECT NO. C25-13


N
BENNETT
BONN
AVE.
HIRAM
AVE.
EUCLID
AVE.
GLENN
AVE.
ST.
35TH
34TH
33RD
32ND
31ST
LINE
3
2
1

B.E. SMITH 436

LATERAL 5 SUBMAIN 3 SAN. SEWER 22
PROJECT No C25-13 SHEET 1 OF 5


N
Bennett
Ave.
Ave.
Ave.
12" V.C.P. Sub. 3 S.S. 22
Sta 0+00
Sta 2+40
31st.
St.
S.
36" V.C.P.
S.S. 22
Sta 0+00 Line 3
Sta 4+81.3 Line 1
Sta 0+00 Line 2
Sta 7+88.3 Line 1
Sta 10+95.3
Line #1
Identical M.H.s
30
30
2'
22
4'
123.71
123.5
60
Bonn
Ridgeview
Hiram
Addition
Euclid
N
Glenn
St.
St. S.
Sta 10+95.3
31st
Sta 14+00
Ridgeview
3
16'
Sta 17+10
St. S.
32nd
Addition
Line #1
Easm't.
Sta 20+20
4
Sta 23+30
St. S.
33rd
Euclid
Ave
18
17
16
15
14
13
12
11
10
1
2
3
4
5
6
7
8
9
65
66.5
68.36
123.5

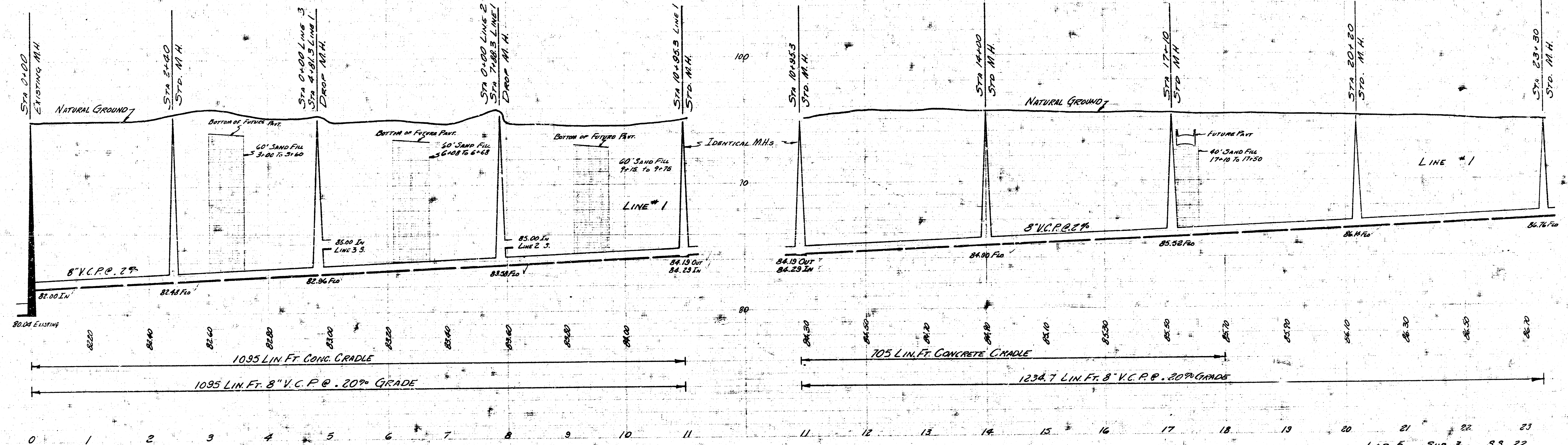
Survey S. Seal Notebook S-23
Plan D. Sellers
Checked
Date Feb. 1955

NOTE

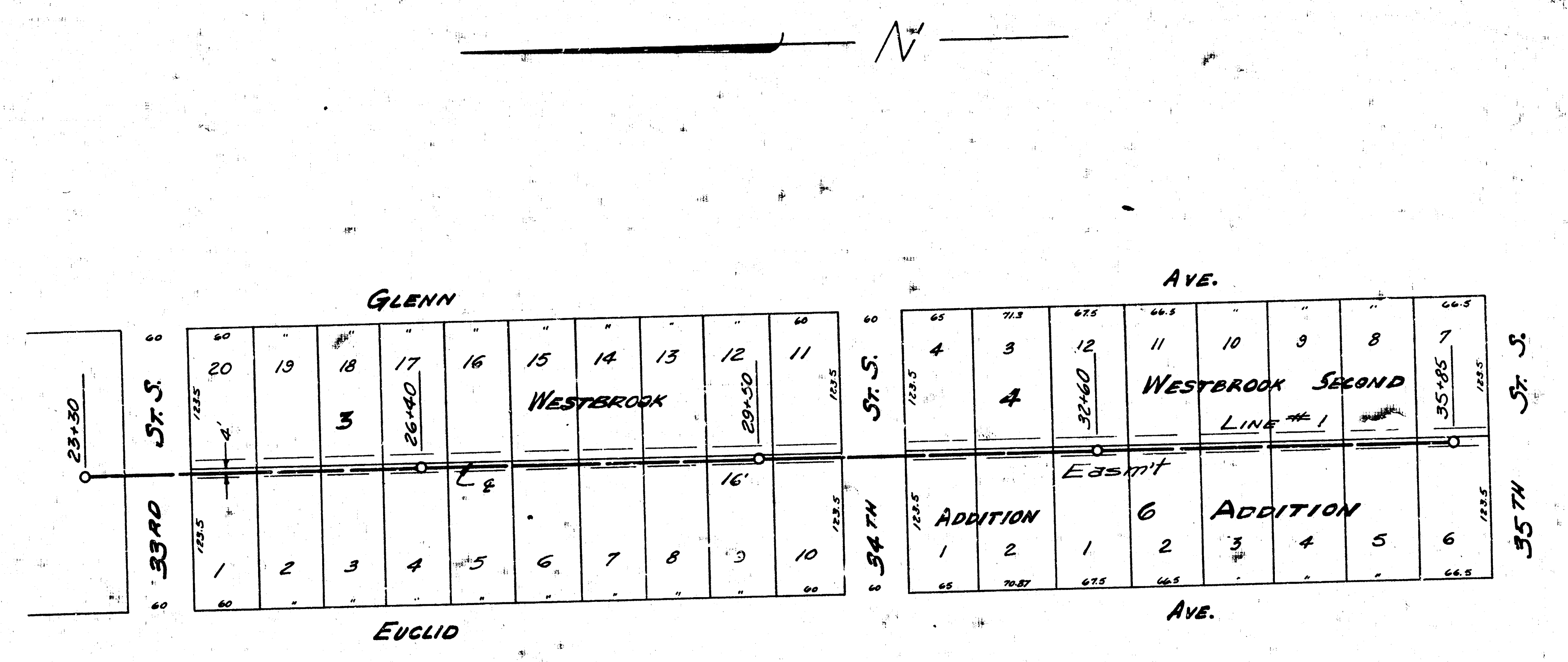
Risers are to be installed for service connections where the line is below normal ground water level. These are not specifically indicated on the plan and shall be installed at the direction of the field engineer.

B.M. 95.40 Bent R.R. Spike in 10" Post Ctr. of 33rd, E.S. of Glenn W.
B.M. 95.65 Std. N.E. Cor. 31st & Glenn B.M. 95.83 Double Spike NS 10" Cott. 70'S of N.L. 35th St S, 90'W of W.L. Euclid

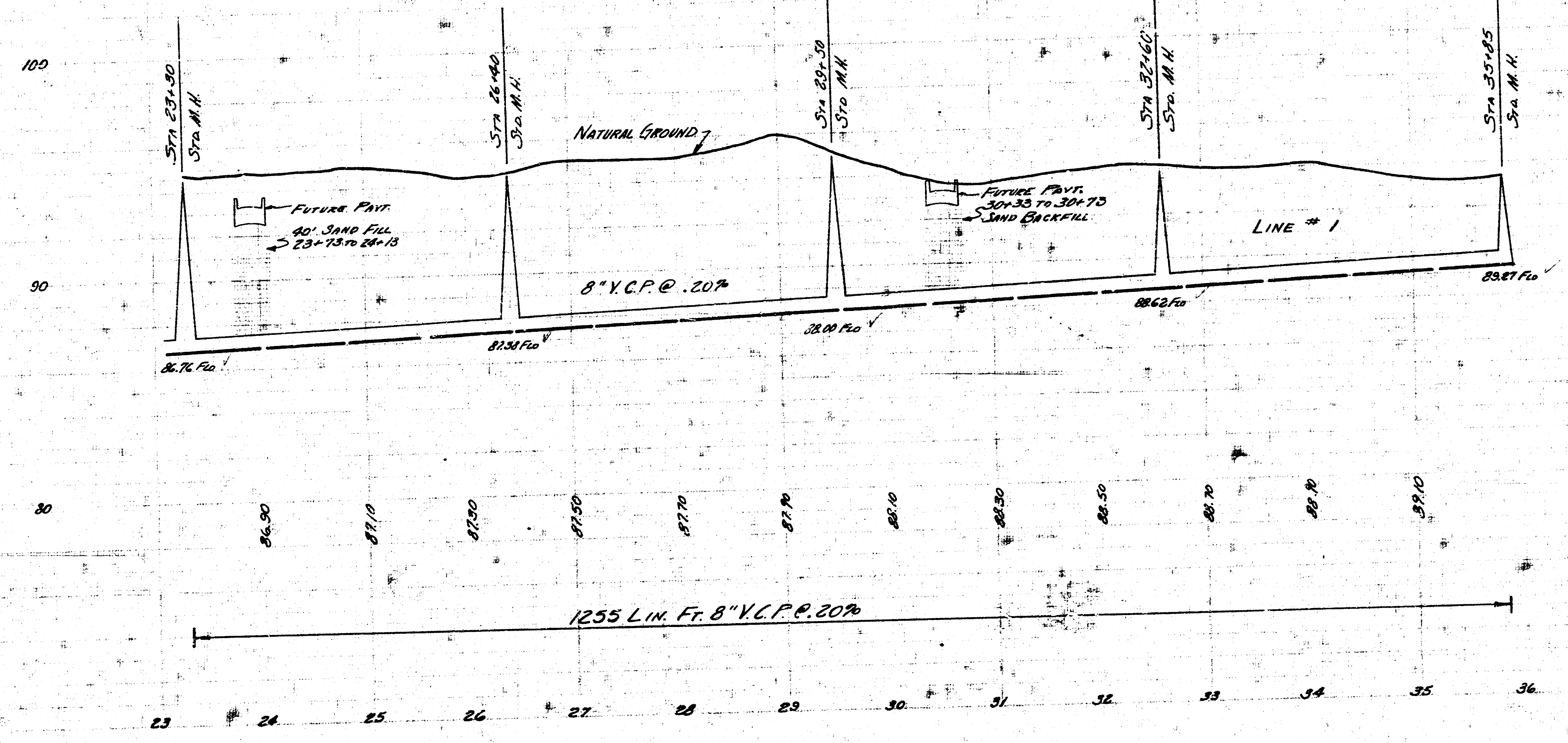
Plan Scale 1" = 80'
Profile Scale 1" = 80 Hor. 1" = 4' Vertical


100
90
80
Sta 0+00 Existing M.H.
Sta 2+40 Std. M.H.
Sta 0+00 Line 3
Sta 4+81.3 Line 1
Drop M.H.
Sta 0+00 Line 2
Sta 7+88.3 Line 1
Drop M.H.
Sta 10+95.3 Line 1
Std. M.H.
Natural Ground
Bottom of Future Pavt.
60' Sand Fill 3+00 To 3+60
60' Sand Fill 6+08 To 6+68
60' Sand Fill 9+15 to 9+75
Identical M.H.s
Line #1
85.00 In Line 3 S.
85.00 In Line 2 S.
8" V.C.P. @ .2%
82.00 In
80.04 Existing
82.48 Flo
82.96 Flo
83.58 Flo
84.19 Out
84.29 In
82.20
82.40
82.60
82.80
83.00
83.20
83.40
83.60
83.80
84.00
1095 Lin. Ft. Conc. Cradle
1095 Lin. Ft. 8" V.C.P @ .20% Grade
100
90
80
Sta 10+95.3 Std. M.H.
Sta 14+00 Std M.H.
Sta 17+10 Std M.H.
Sta 20+20 Std. M.H.
Sta 23+30 Std. M.H.
Natural Ground
Future Pavt
40' Sand Fill 17+10 To 17+50
Line #1
8" V.C.P. @ .2%
84.19 Out
84.29 In
84.90 Flo
85.52 Flo
86.14 Flo
86.76 Flo
84.30
84.50
84.70
84.90
85.10
85.30
85.50
85.70
85.90
86.10
86.30
86.50
86.70
705 Lin. Ft. Concrete Cradle
1234.7 Lin. Ft. 8" V.C.P. @ .20% Grade
0
1
2
3
4
5
6
7
8
9
10
11
11
12
13
14
15
16
17
18
19
20
21
22
23

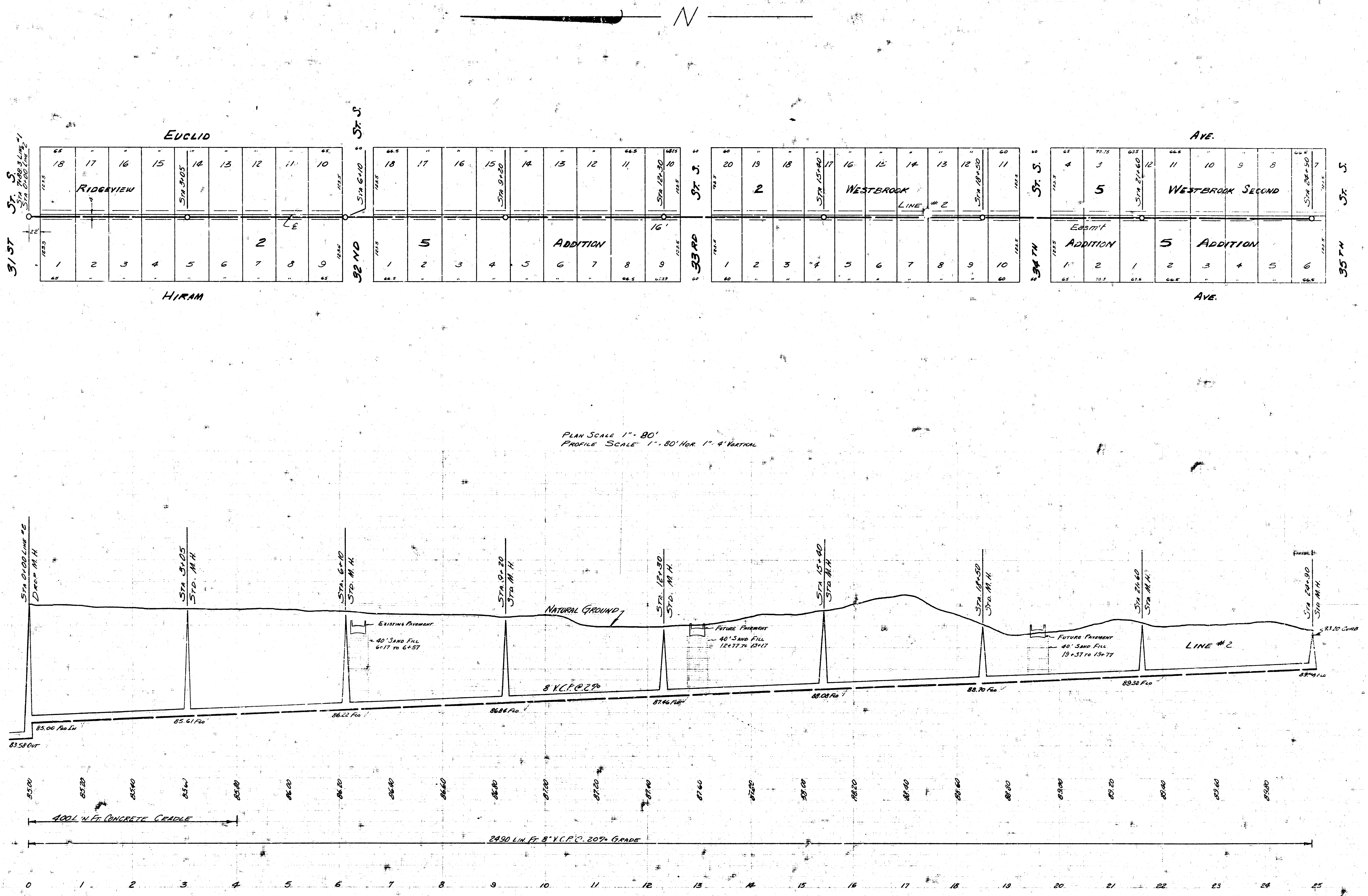
Lat. 5 Sub. 3 S.S. 22
Proj. C25-13 Sheet 2 of 3


N
GLENN
AVE.
EUCLID
AVE.
33RD ST. S.
34TH ST. S.
35TH ST. S.
WESTBROOK
WESTBROOK SECOND
ADDITION
ADDITION
3
4
6
LINE #1
Easm't
℄
4'
16'
23+30
26+40
29+50
32+60
35+85
20
19
18
17
16
15
14
13
12
11
1
2
3
4
5
6
7
8
9
10
4
3
12
11
10
9
8
7
1
2
1
2
3
4
5
6
60
123.5
65
71.3
67.5
66.5
70.87

PLAN SCALE 1" = 40'
PROFILE SCALE 1" = 40' HOR. 1" = 4' VERTICAL

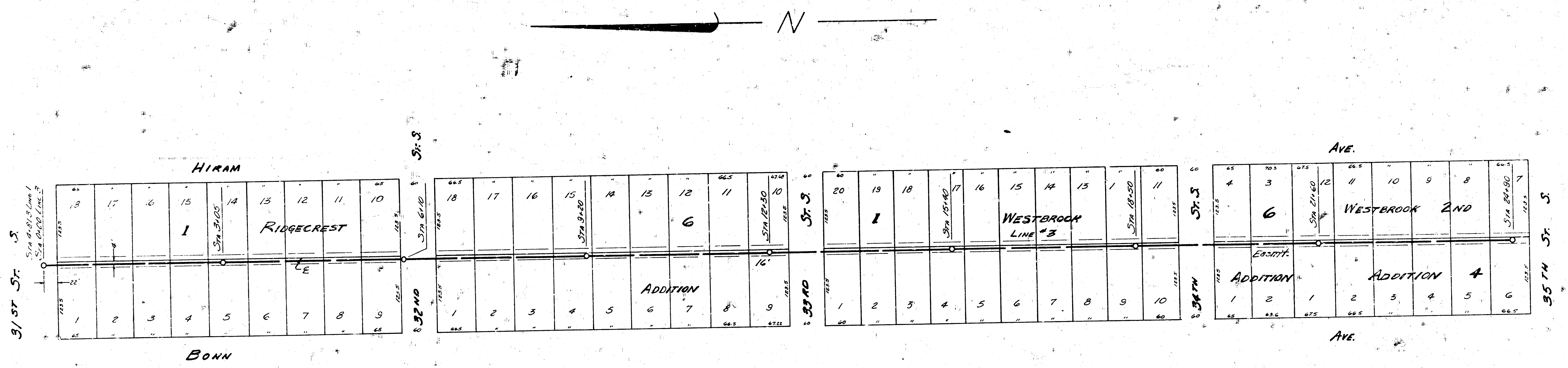

100
90
80
STA 23+30 STD. M.H.
STA 26+40 STD. M.H.
STA 29+50 STD. M.H.
STA 32+60 STD. M.H.
STA 35+85 STD. M.H.
NATURAL GROUND
FUTURE PAVT.
40' SAND FILL 23+73 TO 24+13
FUTURE PAVT. 30+33 TO 30+73 SAND BACKFILL
8" V.C.P. @ .20%
LINE # 1
86.76 FLO
87.38 FLO
88.00 FLO
88.62 FLO
89.27 FLO
86.90
87.10
87.30
87.50
87.70
87.90
88.10
88.30
88.50
88.70
88.90
89.10
1255 LIN. FT. 8" V.C.P. @ .20%
23
24
25
26
27
28
29
30
31
32
33
34
35
36

LAT. 5 SUB. 3 S.S. 22
PROJ. C25-13 SHEET 3 OF 5

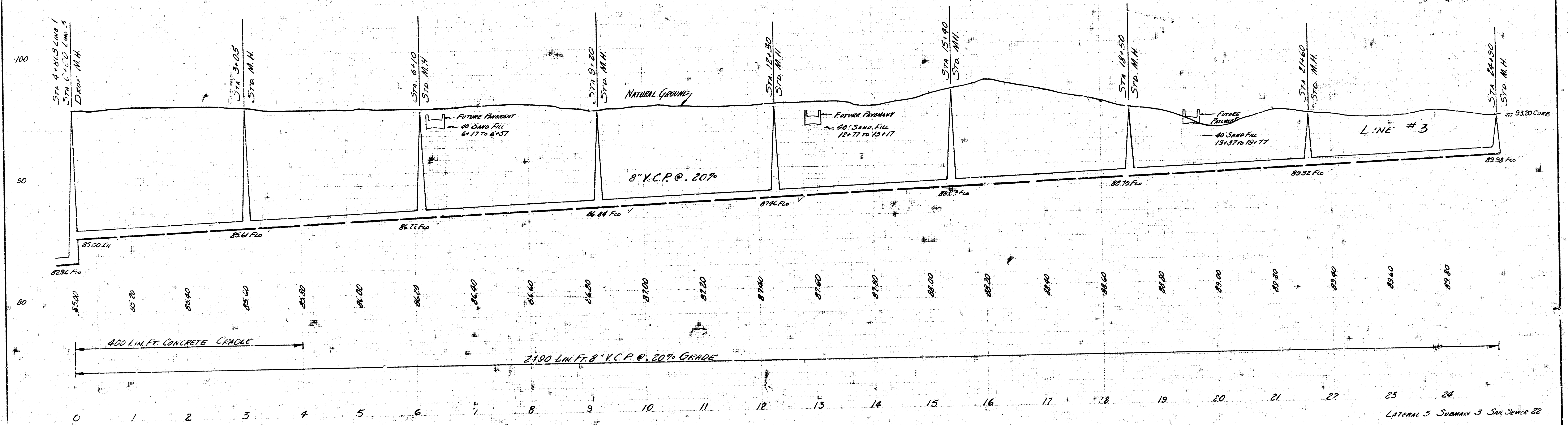

N
EUCLID
AVE.
HIRAM
AVE.
31 ST. S.
32 ND ST. S.
33 RD ST. S.
34 TH ST. S.
35 TH ST. S.
RIDGEVIEW
ADDITION
WESTBROOK
ADDITION
WESTBROOK SECOND
ADDITION
LINE # 2
Easm't
16'
STA 0+00 LINE #2
STA 3+05
STA 6+10
STA 9+20
STA 12+30
STA 15+40
STA 18+50
STA 21+60
STA 24+90
STA 0+00 LINE #2 DROP M.H.
STA 3+05 STD. M.H.
STA 6+10 STD. M.H.
STA 9+20 STD. M.H.
STA 12+30 STD. M.H.
STA 15+40 STD. M.H.
STA 18+50 STD. M.H.
STA 21+60 STD. M.H.
STA 24+90 STD. M.H.
NATURAL GROUND
EXISTING PAVEMENT
40' SAND FILL 6+17 TO 6+57
FUTURE PAVEMENT
40' SAND FILL 12+77 TO 13+17
FUTURE PAVEMENT
40' SAND FILL 19+37 TO 19+77
LINE #2
93.30 CURB
8" V.C.P. @ .2%
83.58 OUT
85.00 FLO IN
85.61 FLO
86.22 FLO
86.84 FLO
87.46 FLO
88.08 FLO
88.70 FLO
89.32 FLO
100
90
80
85.00
85.20
85.40
85.60
85.80
86.00
86.20
86.40
86.60
86.80
87.00
87.20
87.40
87.60
87.80
88.00
88.20
88.40
88.60
88.80
89.00
89.20
89.40
89.60
89.80
400 LIN FT. CONCRETE CRADLE
2490 LIN FT 8" V.C.P. @ .20% GRADE
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

PLAN SCALE 1" = 80'
PROFILE SCALE 1" = 80' HOR. 1" = 4' VERTICAL

LAT. 5 SUB. 3 S.S. 22
PROJ. C25-13 SHEET 4 OF 5


N
HIRAM
BONN
RIDGECREST
ADDITION
1
6
31 ST ST. S.
32 ND ST. S
33 RD ST. S
34 TH ST. S
35 TH ST. S
STA 4+81.3 LINE 1
STA 0+00 LINE 3
STA 3+05
STA 6+10
STA 9+20
STA 12+30
STA 15+40
STA 18+50
STA 21+60
STA 24+90
WESTBROOK
LINE #3
WESTBROOK 2ND
ADDITION
ADDITION 4
Easmt.
AVE.
AVE.
22'
4'
16'
123.5
65
66.5
67.68
67.22
60
70.3
67.5
69.6

PLAN SCALE 1" = 80'
PROFILE SCALE 1" = 80' HOR., 1" = 4' VERTICAL


100
90
80
STA 4+81.3 LINE 1
STA 0+00 LINE 3
DROP M.H.
STA 3+05
STD. M.H.
STA. 6+10
STD. M.H.
STA 9+20
STD. M.H.
STA. 12+30
STD. M.H.
STA 15+40
STD. M.H.
STA 18+50
STD. M.H.
STA 21+60
STD. M.H.
STA 24+90
STD. M.H.
NATURAL GROUND
FUTURE PAVEMENT
40' SAND FILL
6+17 TO 6+57
FUTURE PAVEMENT
40' SAND FILL
12+77 TO 13+17
FUTURE PAVEMENT
40' SAND FILL
19+37 TO 19+77
8" V.C.P. @ .20%
LINE #3
93.20 CURB
82.96 FLO
85.00 IN
85.61 FLO
86.22 FLO
86.84 FLO
87.46 FLO
88.10 FLO
89.32 FLO
89.98 FLO
85.00
85.20
85.40
85.60
85.80
86.00
86.20
86.40
86.60
86.80
87.00
87.20
87.40
87.60
87.80
88.00
88.20
88.40
88.60
88.80
89.00
89.20
89.40
89.60
89.80
400 LIN. FT. CONCRETE CRADLE
2190 LIN. FT. 8" V.C.P. @ .20% GRADE
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

LATERAL 5 SUBMAIN 3 SAN. SEWER 22

PROJ. NO. C25-13 SHEET 5 OF 5