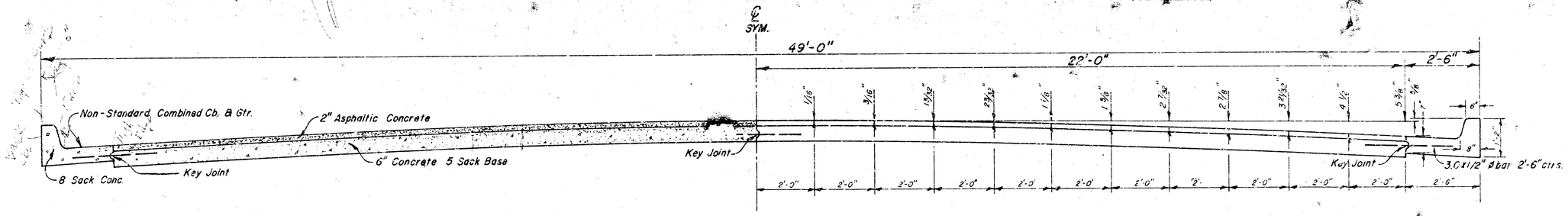
31 ST. STREET SOUTH

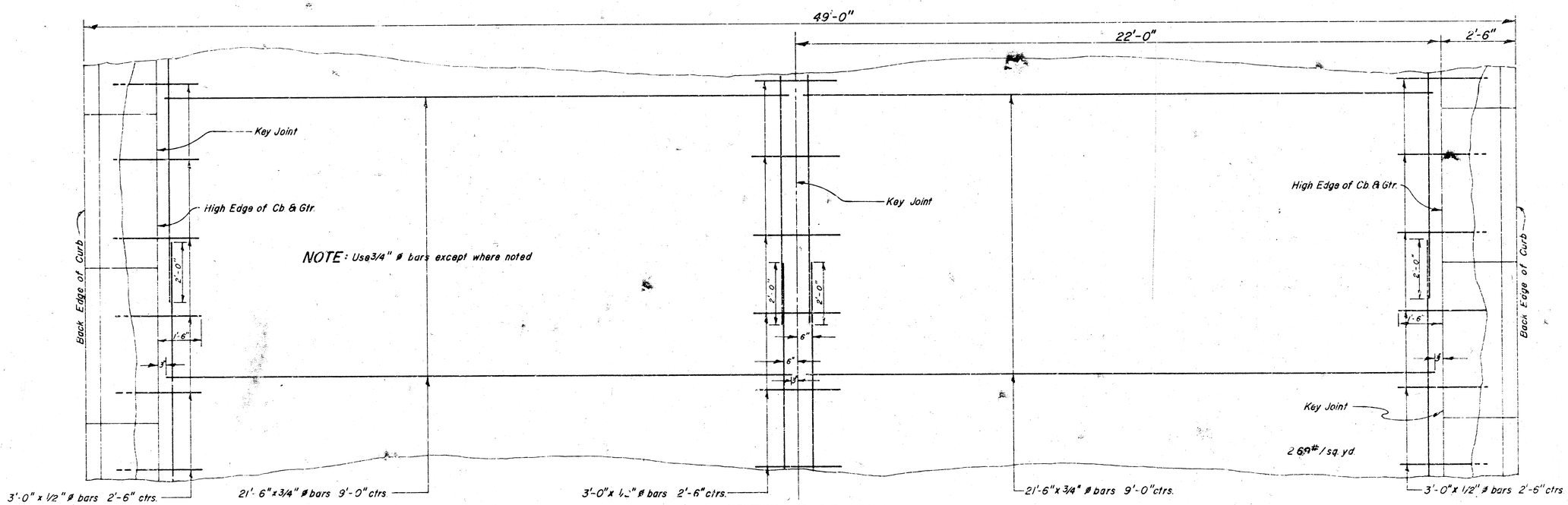
FROM E.L. WEST STREET TO E.L. SHERIDAN AVENUE

R.W. LINN CITY ENGINEER CITY OF WICHITA KANSAS

PROJECT NO. DAKM 558087



TYPICAL SECTION
Scale 1"=2'-0"



STEEL PATTERN
Scale 1"=2'-0"

1/12

B.M. 103.75 City Std. 52'E. & 43'N. of ctr. 31st Street & West St.

NOTE:

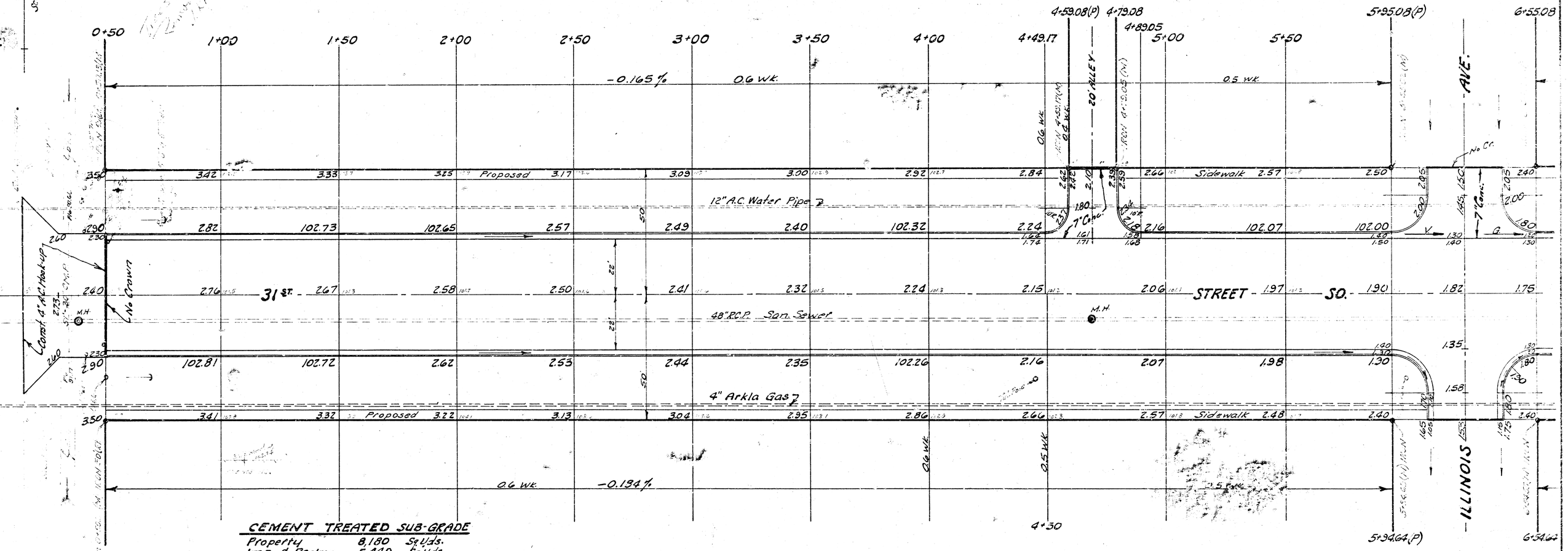
Contractor to clear right-of-way, grade parkings & compact fill for proposed sidewalk. Sidewalk to be constructed by others.

Contractor to grade all street intersection approaches to match pavement and provide for drainage.

B.M. 102.38 R.R. Spike N. side Tel. Pole on S. side 31st St. @ Sta. 4+45

N

Scale: 1"=20'



CEMENT TREATED SUB-GRADE

Property	8,180	Sq.Yds.
Imp. & Re-Imp.	5,440	Sq.Yds.
City	3,140	Sq.Yds.

EXCAVATION

	PROPERTY	IMP. & REIMP.	CITY
	2204 Cu.Yds.	710 Cu.Yds.	950 Cu.Yds
10%	220 " "	71 " "	95 " "
Totals	2424 Cu.Yds.	781 Cu.Yds.	1045 Cu.Yds.

COMPACTED FILL

PROPERTY	IMP. & REIMP.	CITY
307 Cu.Yds.	484 Cu.Yds.	161 Cu.Yds.
31 " "	48 " "	16 " "
338 Cu.Yds.	532 Cu.Yds.	177 Cu.Yds.

31ST STREET SOUTH
FROM E.L. WEST STREET
to E.L. SHERIDAN AVENUE
26-2-30 A.C. & Widen to
48' Improve & Reimprove

R.W. LINN CITY ENGINEER
CITY OF WICHITA KANSAS
Date: MAY 1971

Proj. No. DAKM 558087

2/12

B.M. 102.64 R.R. Spike N. side tel. pole on S. side 31st St. @ Sta. 7+69

B.M. 101.45 R.R. Spike on N. side tel. pole on South Side 31st St. @ Sta. 11+82

N

7+55.08(P) 7+00 7+50 8+00 8+50 8+85.08(P) 9+45.08(P) 10+00 10+50 11+00 11+50 11+75.08(P) 12+35.08(P) 12+50 13+00

-0.174% 0.6 W.K. -0.174% 0.6 W.K.

IRON STAKE (N) — No Cr. — AVE. — IRON STAKE (N) — No Cr. — AVE.

12" A.C. Water Pipe

Proposed Sidewalk

31ST STREET SO.

M.H. 48" R.C.P. Sa. S. M.H.

4" Arkla Gas

MC COMAS

KESSLER

IRON STAKE (N) 1.10' W

IRON STAKE (N) 1.74' E

7+54.64(P) 8+84.64(P) 9+44.64(P) 11+74.64(P) 12+34.64(P)

-0.174% 0.6 W.K. -0.217% 0.6 W.K. -0.174% 0.5 W.K.

DAKM 558087

3/12

B.M. 100.32 RR Spike N. side tel. pole on S. side 31st St. @ Sta. 16+39

NOTE:
Top of 15" R.C.P. in the Sub-grade treatment area. Use Caution. Do not damage pipe.

NOTE:
Elec. Fence removal is incidental to project Contractor to contact property owner with regard to fence removal.

N

13+00 13+50 14+00 14+50 14+65.08(P) 15+25.08 15+50 16+00 16+50 17+00 17+55.08(P) 18+15.08 18+50 19+00 19+50

-0.174 % 0.6 W.K. -0.184 % 0.6 W.K. -0.178 % 0.6 W.K.

IRON PIPE 14"GAS(N) 12" Steel under wire 4'Elec. Fence IRON PIPE 16"GAS(N) IRON PIPE 16"GAS(N)

AVE. +43.08 ROAD

No Cr. 7"C.I. Inlet

1.00 Proposed 0.91 0.83 0.80 0.75 0.70 0.65 0.60 0.55 0.46 0.37 Sidewalk 0.28 0.20 0.30 0.34 0.25

12" A.C. Water Pipe

100.40 0.31 0.23 0.20 0.13 0.05 0.00 99.95 99.86 99.77 99.68 18" R.C.P. 18" R.C.P. @ 0.225 %

Flo 18" Out 6.50 Flo 18" In & Out 6.36

0.40 0.31 0.23 0.20 0.13 0.05 0.00 9.91 9.82 9.73 9.65 9.70 9.75 9.69 9.60 9.51

31ST. STREET SO.

M.H. M.H. M.H.

48" R.C.P. San. Sewer

0.50 0.41 0.33 0.30 0.15 100.06 99.97 99.88 9.79 9.80 9.74 9.65 9.56

4" Arkla Gas

1.00 Proposed 0.91 0.83 0.80 0.70 0.65 0.56 0.47 0.38 Sidewalk 0.30 0.40 0.34 0.25 0.16

KNIGHT 4" Arkla Gas LEONINE 4" Arkla Gas

-0.174 % 0.5 W.K. -0.184 % 0.5 W.K. +47.64 -0.174 % 0.6 W.K.

14+64.64(P) 15+24.64 17+54.64(P) 18+14.64

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4./12

B.M. 100.21 RR Spike N. Side Tel. Pole on S. Side 31st St. @ Sta. 22+20

N

No V.C.
P.V.I. El. 98.90
23+21

No V.C.
P.V.I. El. 99.93
25+50

20+00 | 20+44.64 | +74.64 | 21+04.64 | 21+50 | 22+00 | 22+50 | 23+00 | +34.64 | +64.64 | 23+94.64 | 24+50 | 25+00 | 25+50 | 26+00

−0.178 % 0.6 W.K. | +0.450 % 0.5 W.K. | +0.404 %

0.07 | 9.99 | 9.88 | 9.80 Proposed | 9.71 | Sidewalk 9.63 | 9.54 | 9.50 | 9.60 | 9.73 | 9.98 | 0.21 | 0.43 | 0.63

12" A.C. Water Pipe

99.47 | 99.39 | 9.34 | 9.28 | 99.20 | 99.11 | 99.03 | 98.94 | 98.90 | 99.10 | 99.23 | 99.48 | 99.71 | 99.93 | 0.13

Flo 6.10 | Flo 6.00 | Flo 6.10 | Flo 5.70 | 18" | Flo 5.60 | Flo 95.19 IN & OUT

18" R.C.P. @ 0.225 % | 24" R.C.P. @ 0.225 %

31ST. 9.42 | 9.34 | 9.32 | 9.29 | 9.20 | 9.10 | 9.00 | 8.91 | 8.88 | 8.97 | 9.06 | 9.34 | 9.59 STREET 9.84 SO. 0.04

8" A.C. Water Pipe

48" R.C.P. San. S.

8.90 | 8.90 | 8.90 | 8.40 | 8.45 | 8.50

9.48 | 9.40 | 9.30 | 99.19 | 99.08 | 98.98 | 98.90 | 8.50 | 99.30 | 99.58 | 99.85 | 0.05

9.03 | 9.20 | 9.05 | 9.00 | 9.90 | 9.79 | 9.68 | 9.58 | 9.40 | 8.70 | 8.53 | 8.70 | 8.56 | 9.40 | 9.80 Sidewalk 0.08 | 0.35 | 0.55

4" Arkla Gas

0.08 Proposed 0.00 | 9.10 | 9.20 | 9.00 | 9.30 | 9.90 | 9.79 | 9.68 | 9.58 | 9.40 | 8.70 | 8.53 | 8.70 | 8.56 | 9.40 | 9.80 Sidewalk 0.08 | 0.35 | 0.55

E.H. | 8" A.C. Water Pipe | Pr. Co. 20-59.2 | MATCH | ALL HOLLOWS | Pr. Co. 20+96.3 | Pr. Co. 20+96.5 (M) IRON | 100.1 | 100.0 | 99.8 | 99.7 | 99.6 | MATCH | 100.8 | 100.7 | 100.6 | 100.5 | 5.53 | 3'-3" Brick Wall | Pr. Co. 23+34.6 | 23+34.8 IRON | MATCH | GOW | 6" A.C. Water Pipe | Pr. Co. 23+96.2 | 23+94.75 (M) IRON | 0.2 W.K. | 2" Arkla Gas

−0.174 % 0.6 W.K. | −0.217 % 0.6 W.K. | +0.547 % 0.5 W.K. | +0.403 %

20+44.7 | 21+04.8 | 23+34.6 | 23+94.7 | 25+50 P.V.I. El. 99.85 No V.C.

DAKM 558087

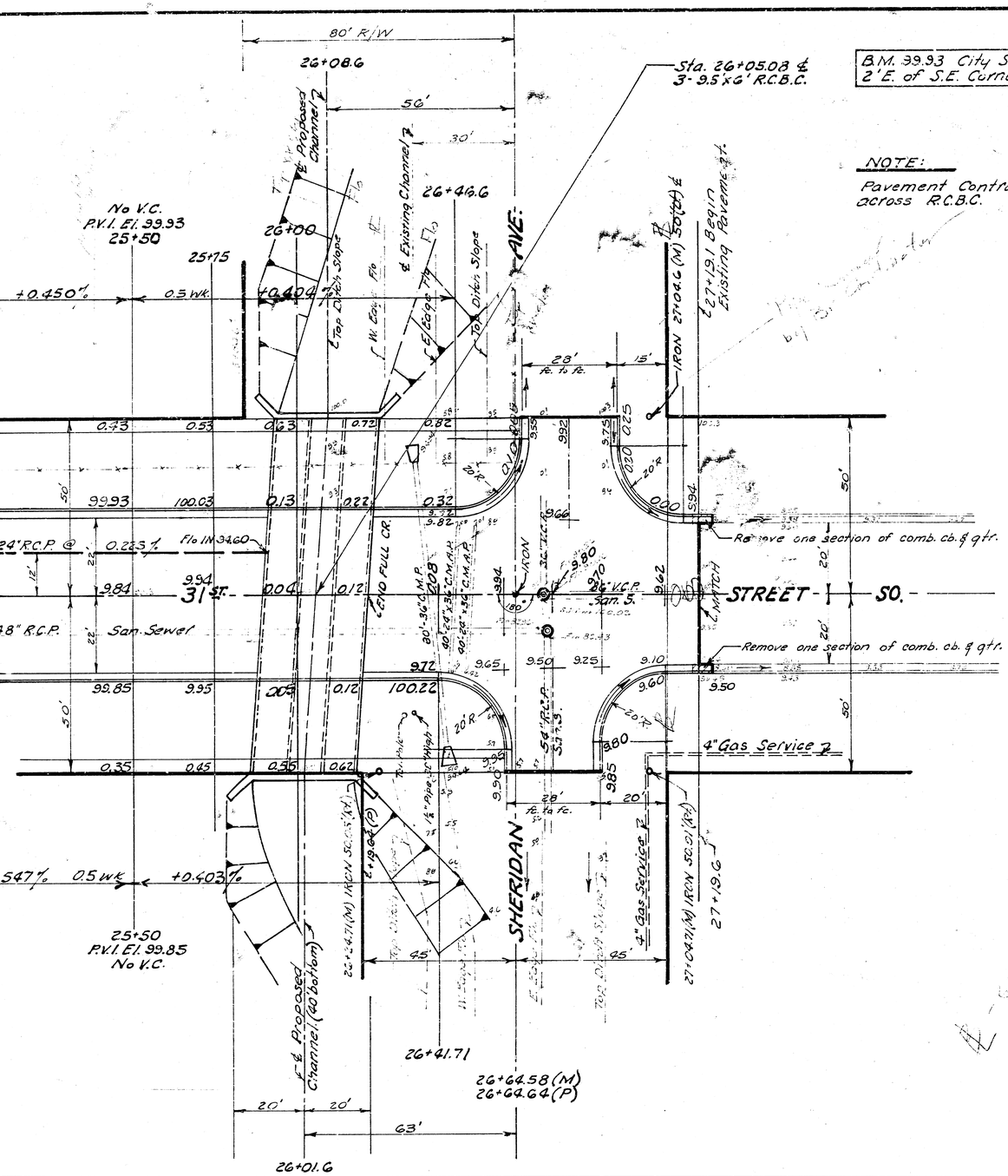
5/12

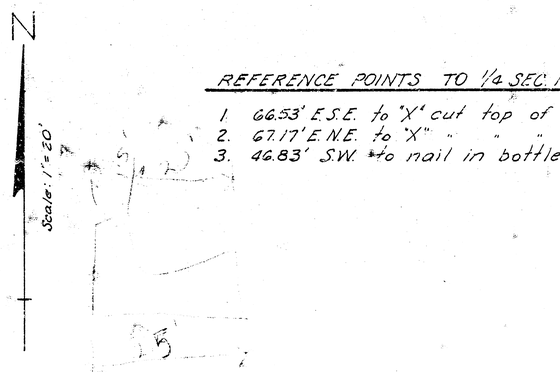
B.M. 39.93 City Standard 6'N. and 2'E. of S.E. Corner 31st & Sheridan.

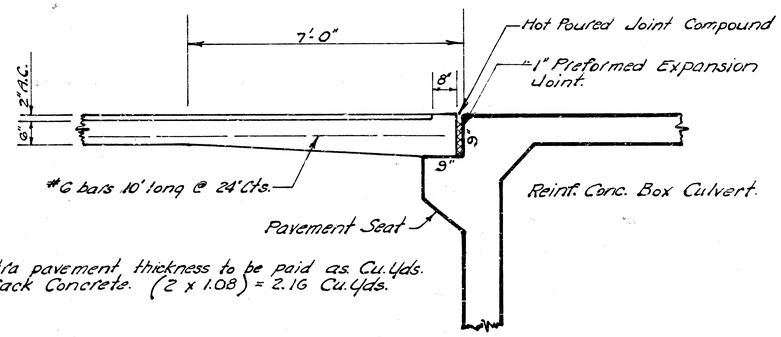
NOTE:
Pavement Contractor to fill parkings across R.C.B.C.

REFERENCE POINTS TO 1/4 SEC. IRON ON ℄ 31st ST. & ℄ SHERIDAN

1. 66.53' E.S.E. to "X" cut top of south curb 31st Street.
2. 67.17' E.N.E. to "X" " " north curb 31st Street.
3. 46.83' S.W. to nail in bottle cap on N.W. side tel. pole.





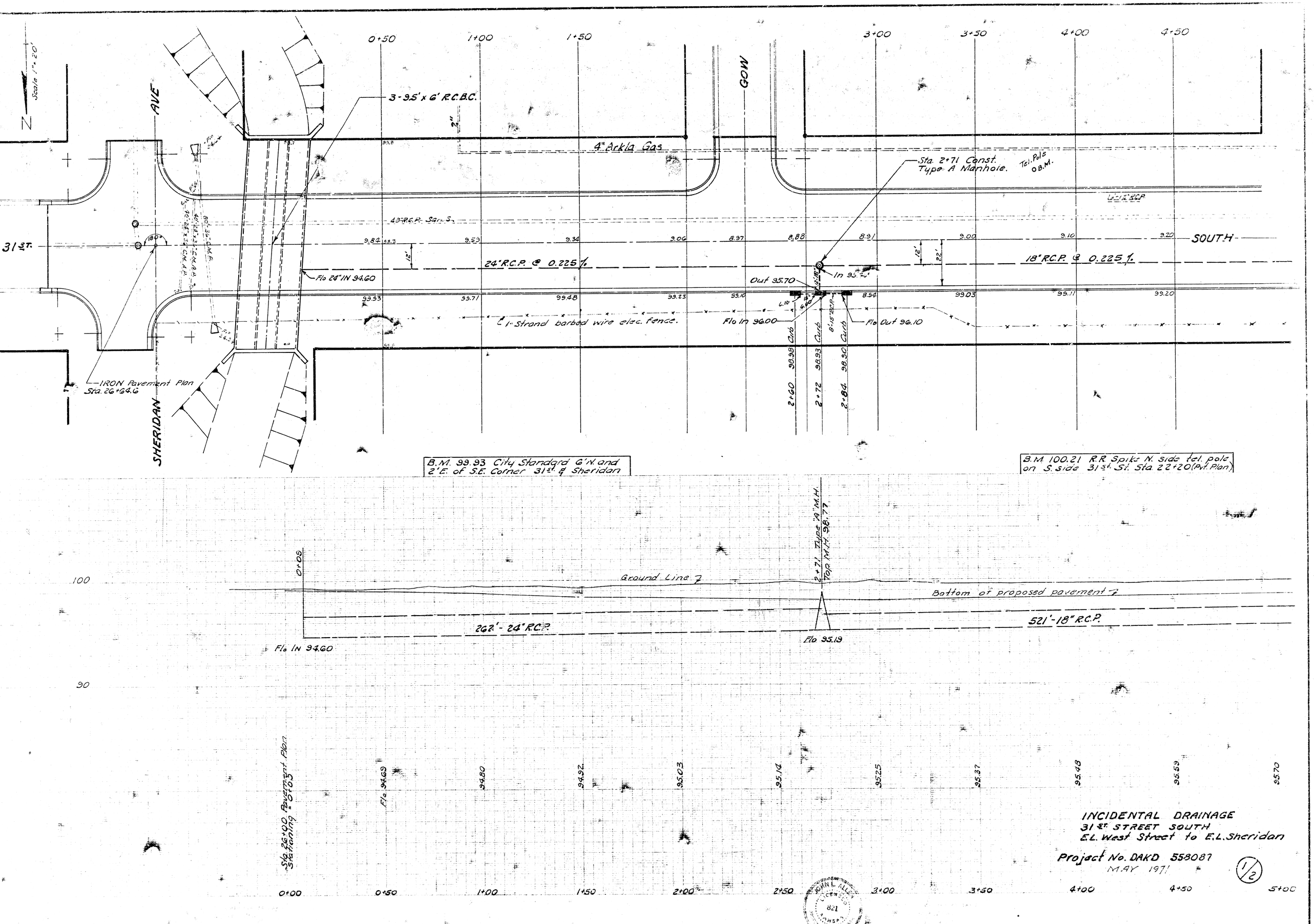


Extra pavement thickness to be paid as Cu. Yds.
5-Sack Concrete. (2 x 1.08) = 2.16 Cu. Yds.

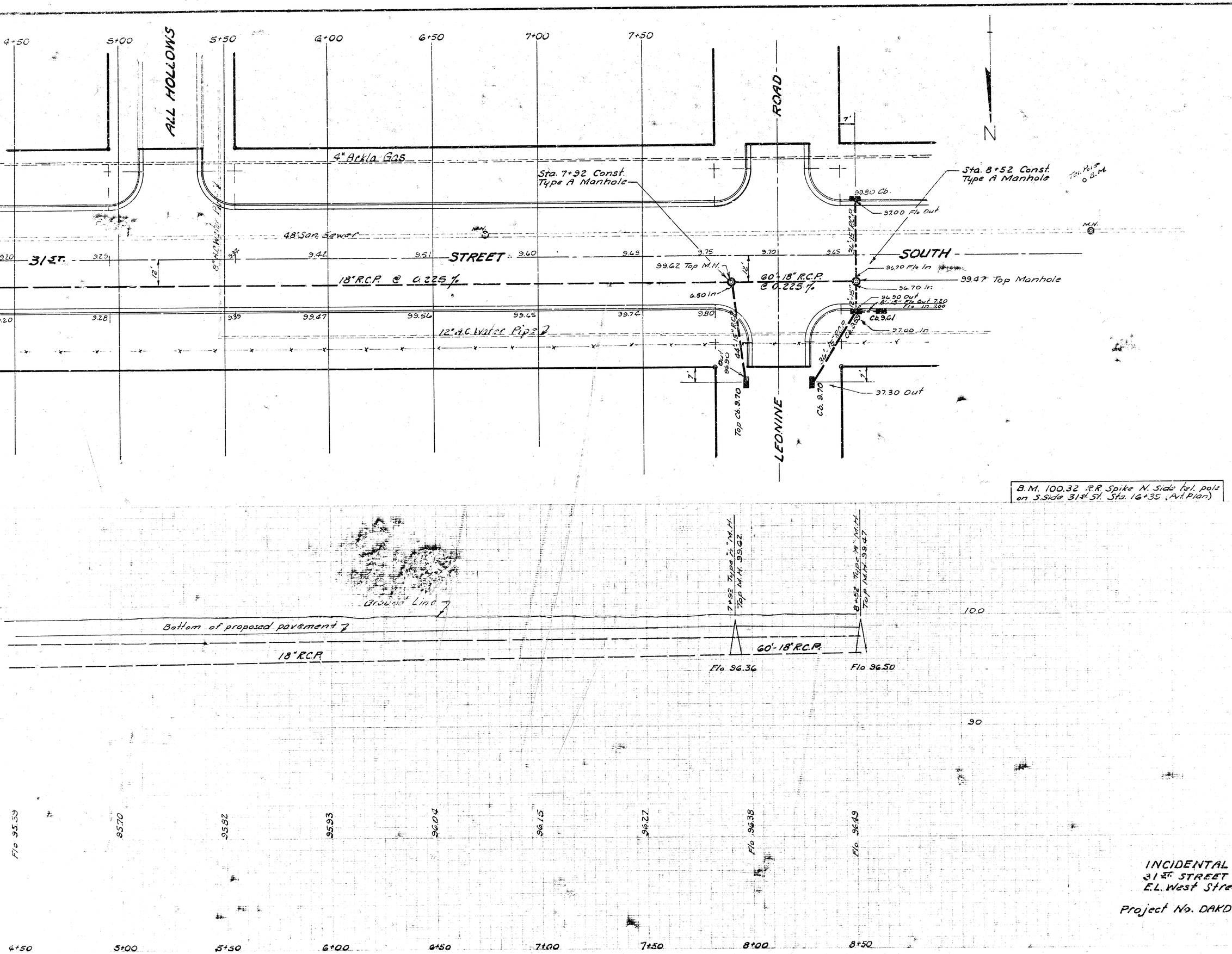
DETAIL SHOWING EXTRA PAVEMENT THICKNESS & EXTRA REINF. STEEL
No Scale:

DAKM 558087

(6/12)



Scale 1" = 20'
N
AVE
SHERIDAN
31ST.
GOW
SOUTH
3-9.5' x 6' R.C.B.C.
4" Arkla Gas
Sta. 2+71 Const. Type A Manhole.
Tel. Pole O.B.M.
48" R.C.P. San. S.
24" R.C.P. @ 0.225%
18" R.C.P. @ 0.225%
Flo 24" IN 94.60
Out 95.70
In 95.
Flo In 96.00
Flo Out 96.10
1-Strand barbed wire elec. fence.
IRON Pavement Plan Sta. 26+64.6
2+60 98.98 Curb
2+72 98.93 Curb
2+84 98.90 Curb
B.M. 99.93 City Standard 6' N. and 2' E. of S.E. Corner 31st & Sheridan
B.M. 100.21 R.R. Spike N. side tel. pole on S. side 31st St. Sta. 22+20 (Pvt. Plan)
2+71 Type "A" M.H. Top M.H. 98.77
Ground Line
Bottom of proposed pavement
262'-24" R.C.P.
521'-18" R.C.P.
Flo IN 94.60
Flo 95.19
Sta. 26+00 Pavement Plan Stationing = 0+05
Flo 94.69
INCIDENTAL DRAINAGE
31ST STREET SOUTH
E.L. West Street to E.L. Sheridan
Project No. DAKD 558087
MAY 1971
1/2



INCIDENTAL DRAINAGE
31ST STREET SOUTH
E.L. West Street to E.L. Sheridan

Project No. DAKD 558087

2/2