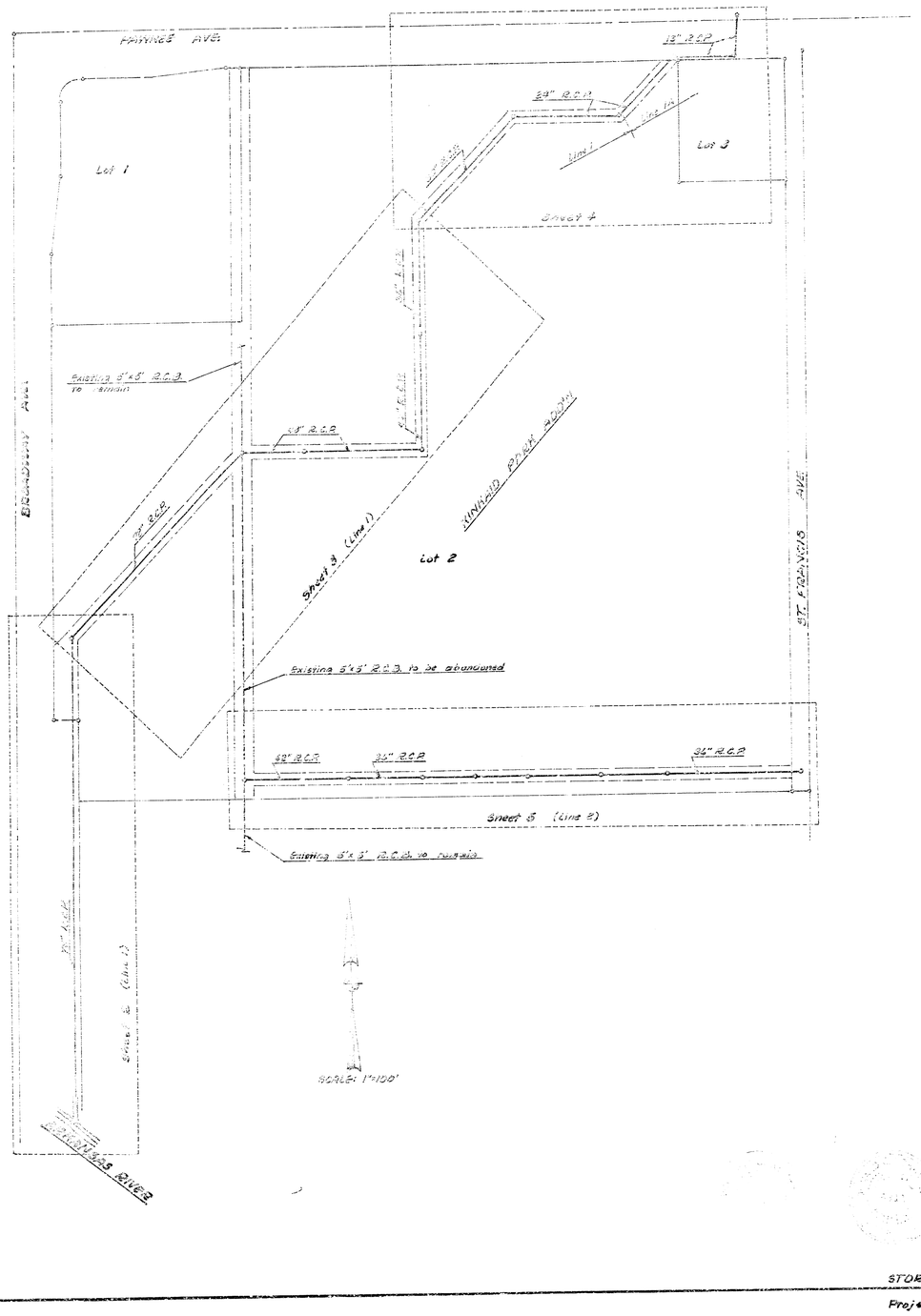
STORM WATER SEWER NO. 101



R. W. LINN, CITY ENGINEER
CITY OF WICHITA, KANSAS

DATE: [illegible] 1973

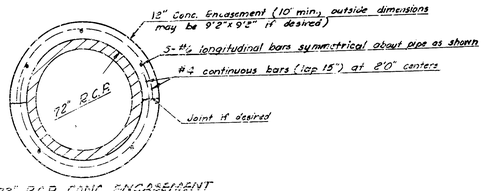
STORM WATER SEWER NO. 101 — Sheet 1 of 7

Project No. DBHA 572073

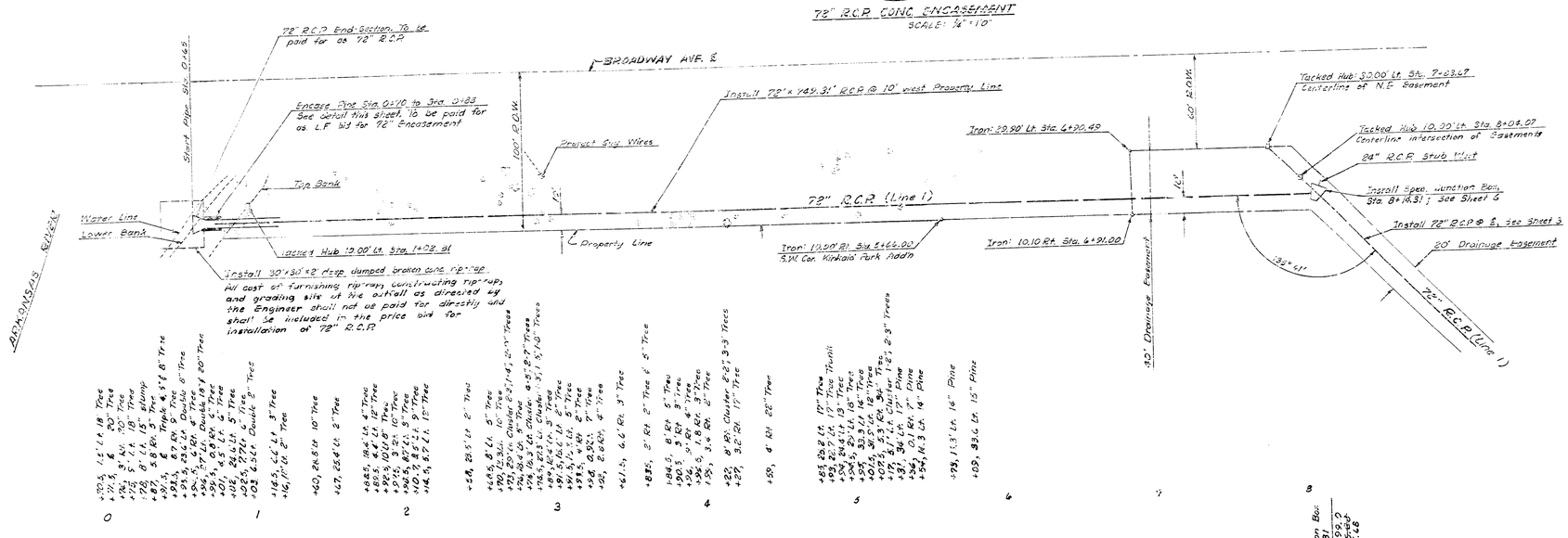
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B.M. 103.16 "X" cut W. side base to E. handrail @ it. End John Mac Bridge on South Broadway

B.M. 98.146 R.R. spike E. side Transformer P.P. on E. side Broadway across from 2601 S. Broadway

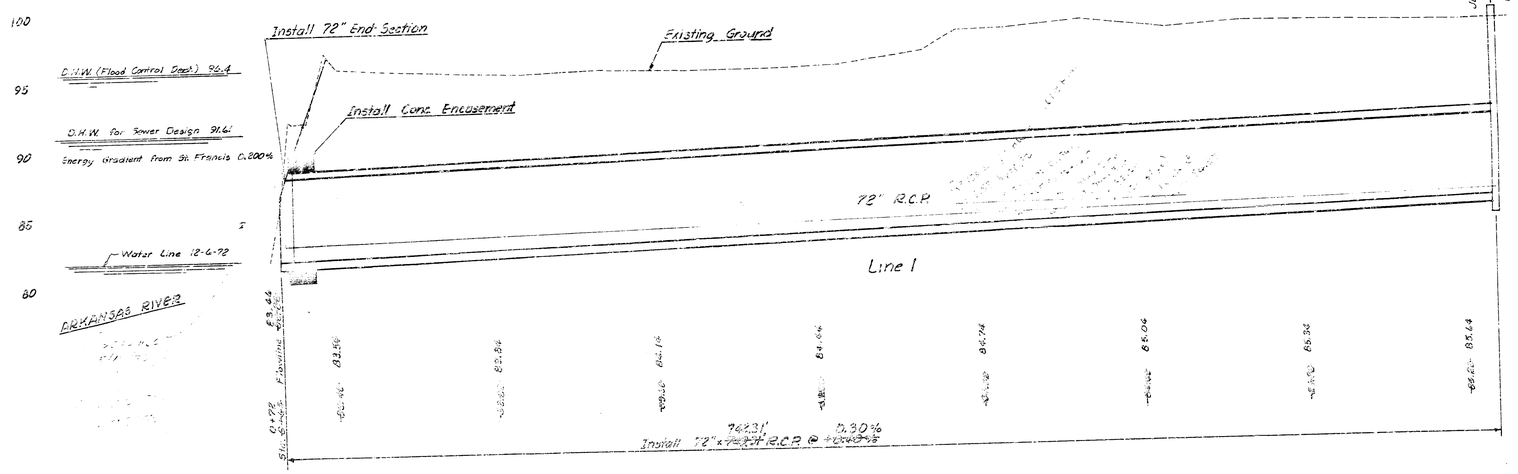


72" R.C.P. CONC. ENCASEMENT
SCALE: 1/4" = 1'0"



SCALE: Hor. 1" = 40
Ver. 1" = 5'

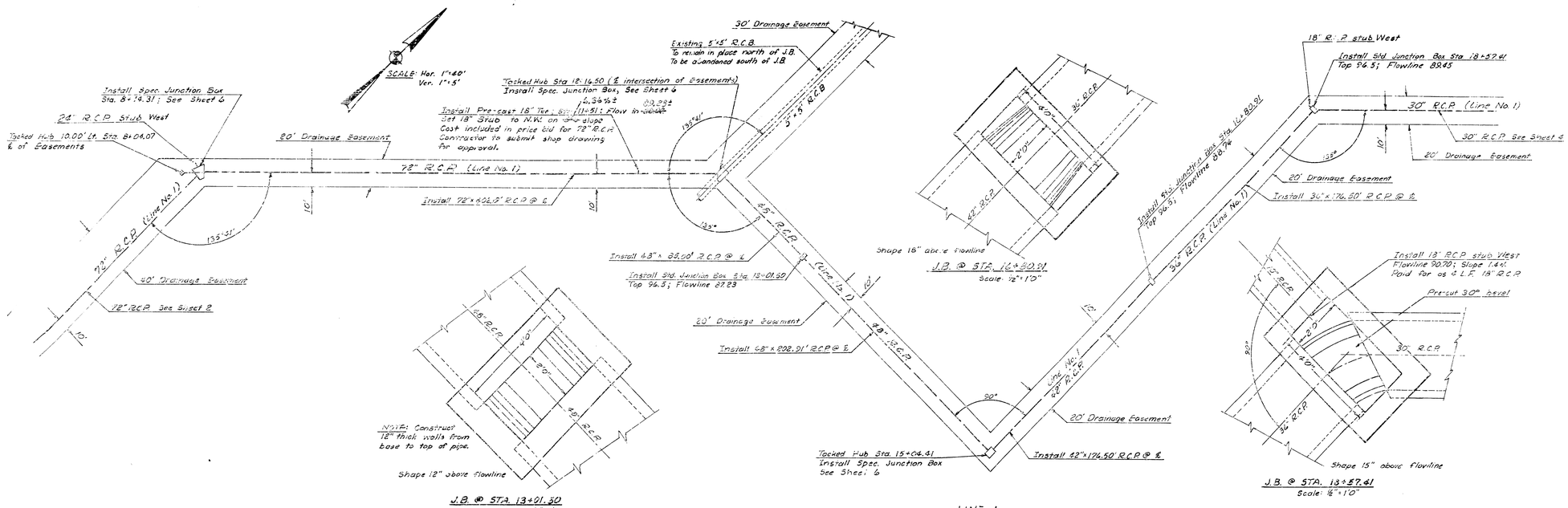
Rev. 5/18/73



STORM WATER SEWER NO. 101 Sheet 2 of 7

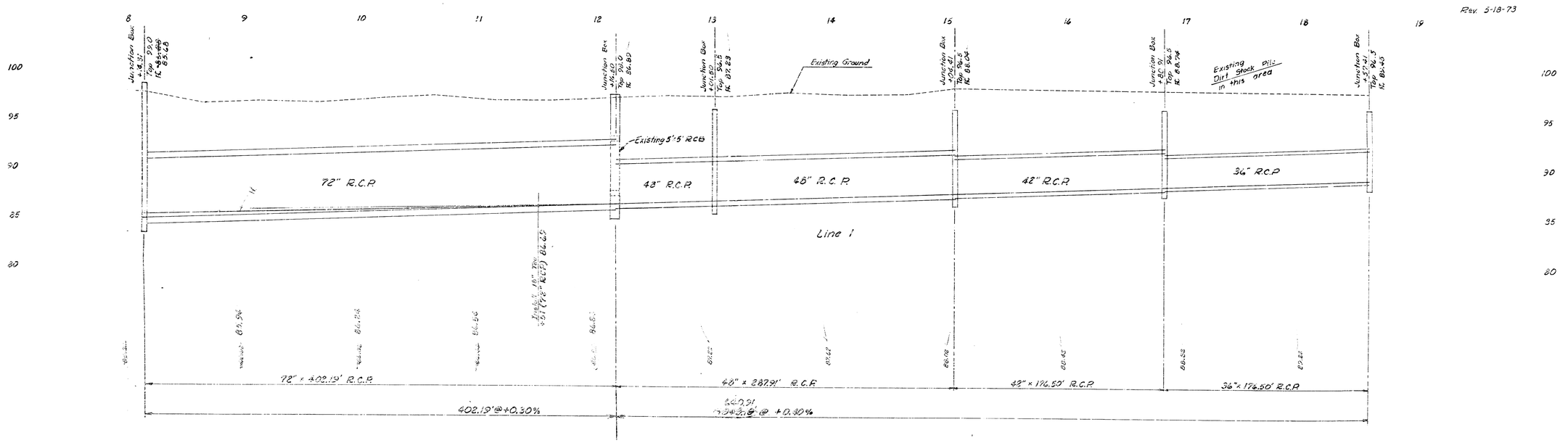
Project No. DBKA 572075

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LINE 1

Rev. 5-18-73



STORM WATER SEWER NO. 101

Project No. DBKA 572075

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B.M. 96.96 "O" cut Top E Curb St. Francis. 30' N. of Thimble on Pawnee St.

SCALE: Hor. 1"=60' Ver. 1"=5'

Tacked Hub on Property Line @ Sta. 23+46.39

Inst. 1" Std. 2'-5' Inlet, Sta. 23+76.66 Top 94.95; Flowline 90.07

Connect to Existing Manhole, Sta. 25+33.64 Top 96.54; Flowline 92.18

18" S.W.S.

24" S.W.S.

Remove & Replace 20 S.Y. Conc. Pav't

36" Storm Sewer

Install 18"x 44.33' R.C.P.

PAWNEE AVE

PROPERTY LINE

Back of Future Curb & Conc. Walk

Line 1A

Line 1

Install Std. 3'x5' Inlet, Sta. 24+73.33; Top 94.30; Flowline 90.19

Remove & Replace Asphalt Drive

Install 18"x 44.67' R.C.P. @ 7.25% north of Property Line.

Iron: 7.25' Rt. Brg. 23+33.63 (Rt. edge of 20' Easement)

Lot 3, Winhaid Park Add'n

Install 24"x127.53 R.C.P. @ 3% (Line 1A)

30' Drainage Easement

Install Std. Junction Box, Sta. 24+28.03 Top 96.5; Flowline 89.71

24" R.C.P. Line 1

8" V.C.P. stub

Tacked Hub Sta. 22+49.03

Install Std. Junction Box (Line 1) Top 96.5; Flowline 89.92

Install 24"x171.00' R.C.P. @ 3%

20' Drainage Easement

Install 30"x 280.62' R.C.P. @ 3%

30" R.C.P. (Line 1)

Install Junction Box, Sta. 18+57.41 For detail see Sheet 3

36" R.C.P.

NOTE: Line 1 extends to include J.B. @ Sta. 22+49.03
Line 1A includes 24" R.C.P. inlet pipe to J.B. @ 22+49.03 and extends to Sta. 25+34.18

J.B. @ STA. 22+49.03

Scale: ½"=1'0"

Pre-cut 30" bevel

Shape 12" above flowline

Install 8" V.C.P. stub
Flowline 92.1
Slope 1.0%
(Cost included with J.B.)

STD. 2'x5' INLET @ STA. 23+76.66

Pre-cut 45° bevel

Existing Walk

50' to Pawnee St.

31.5' to Pawnee St.

Sta. 23+76.66

3.89%

2'-6½"

18" R.C.P.

Shape 9" above flowline

Scale: ½"=1'0"

94.12' ℄ Survey Base Line

Sta. 24+76.03

"x" cut in walk

94.410

18" R.C.P.

Sta. 24+73.33

4'-6½"

STD. 2'x5' INLET @ STA. 24+73.33

Rev. 4-5-73

Pre-cut 30° bevel

Shape 12" above flowline

2'-0"

24" R.C.P.

30" R.C.P.

Pre-cut 45° bevel

2'-0"

30" R.C.P.

135°

Scale: ½"=1'0"

18 19 20 21 22 23 24 25 26

Junction Box +57.41 Top 96.5 Rt. 89.45

Existing Dirt Stock Pile in this area

Junction Box +44.03 Top 96.5 Rt. 89.11

Existing Ground

Junction Box +44.03 Top 96.5 Rt. 89.98

Std. 2'x5' Inlet +98.33 Top 96.95 Rt. 90.07

Std. 2'x5' Inlet +73.33 Top 96.30 Rt. 90.19

Existing Manhole +33.66 Top 96.54 Rt. 92.13

6" Gas

12" H.P. Gas

100

95

90

85

80

30" R.C.P.

24" R.C.P.

24" R.C.P.

18" R.C.P.

18" R.C.P.

Existing 36" V.C.P.

Line 1

Line 1A

89.82 89.61 89.62 89.76 89.64 89.59 89.40

30"x 280.62' R.C.P.

24" x 278.63 R.C.P.

18"x 157.00 R.C.P.

615.32' @ +0.12%

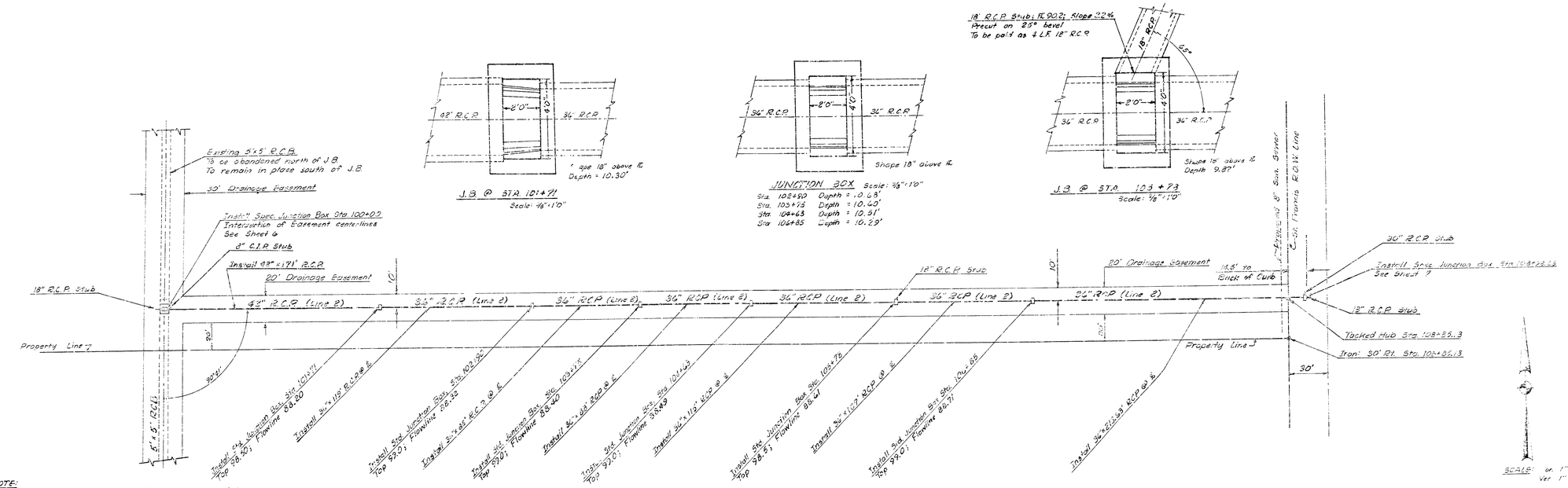
60.33' @ +3.65%

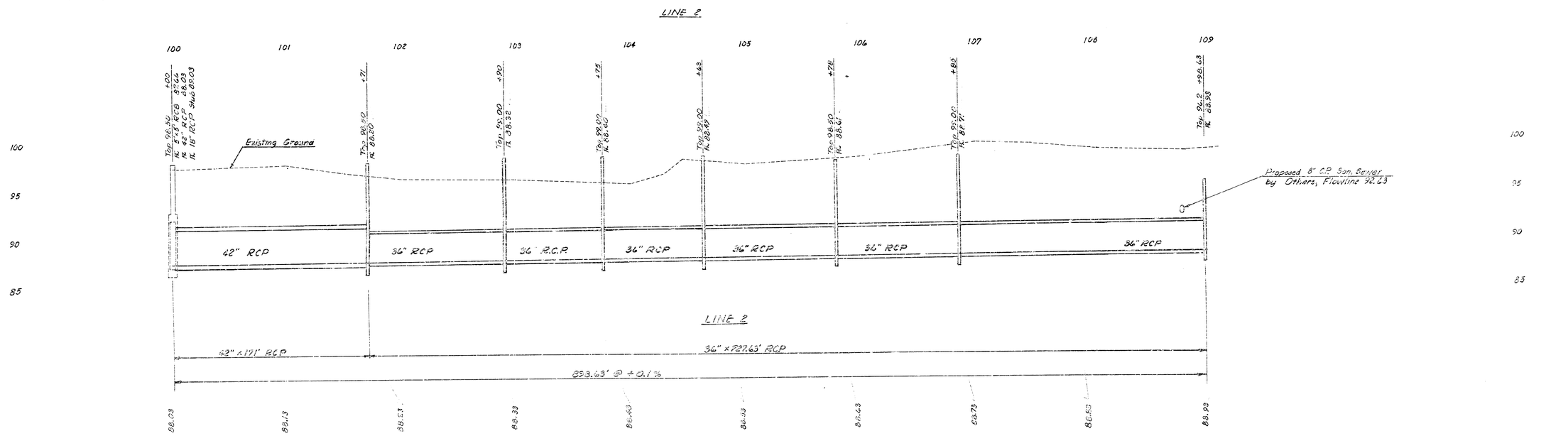
STORM WATER SEWER NO. 101

Project No. DBKA 572075

Sheet 4 of 7

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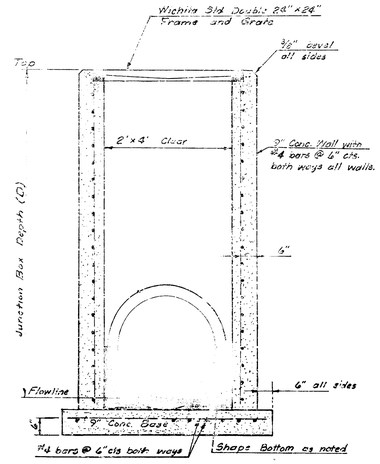




STORM WATER SEWER NO. 101 Sheet 5 of 7

Project No. DBKA 578075

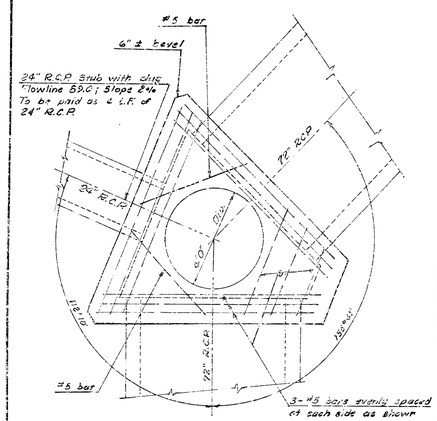
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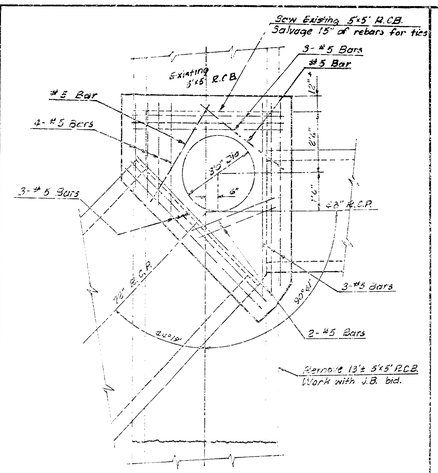
TYPICAL SECTION
STD. JUNCTION BOX
Scale: 1/8"=1'0"

Standard Junction Box, regardless of depth, to be bid at or" price as "Std. Junction Box"

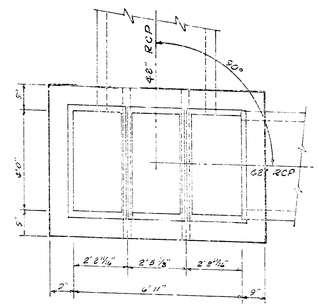
All reinforcing steel placement 6" from outside of boxes.



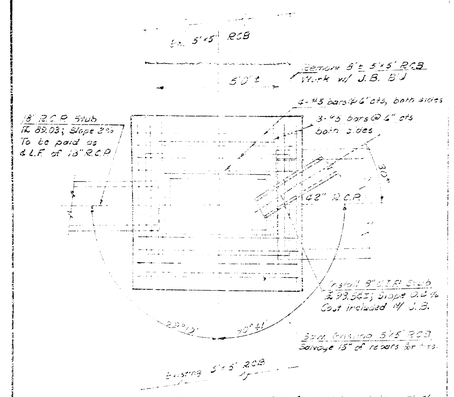
PLAN AT TOP SLAB

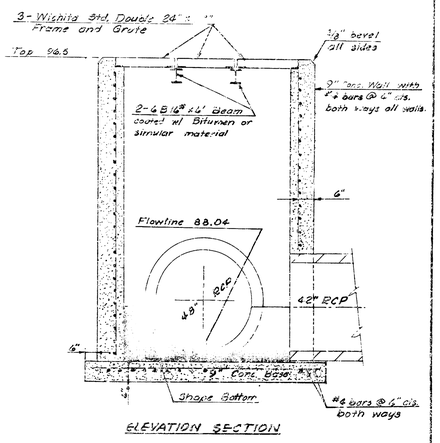


PLAN AT TOP SLAB

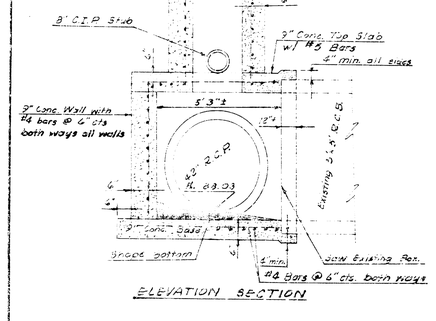


PLAN



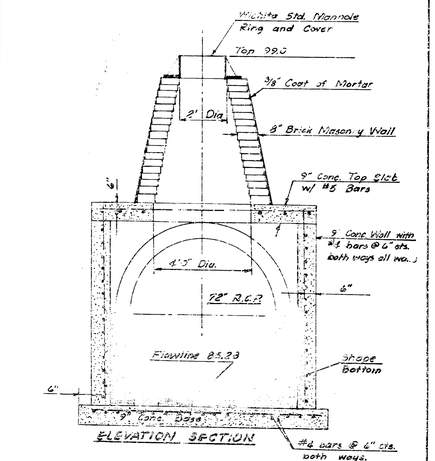


ELEVATION SECTION

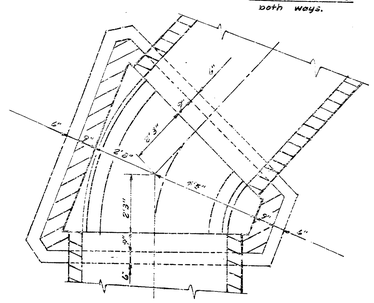


ELEVATION SECTION

SPEC. JUNCTION BOX
@ STA. 100+20
Scale: 3/8"=1'0"

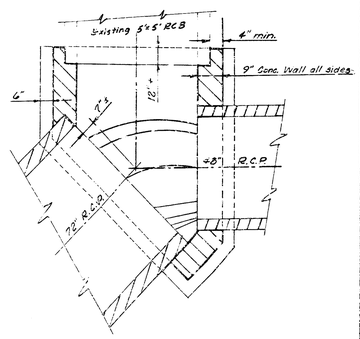


ELEVATION SECTION



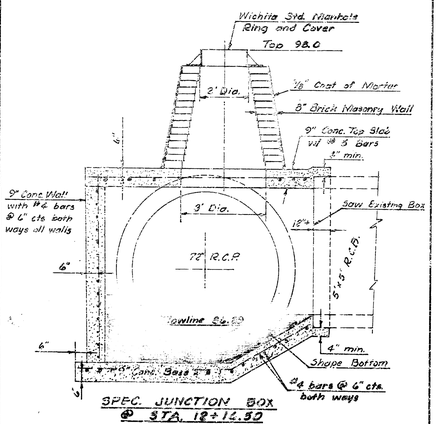
SECTION THRU PIPES

SPEC. JUNCTION BOX
@ STA. 8+14.31
Scale: 3/8"=1'0"

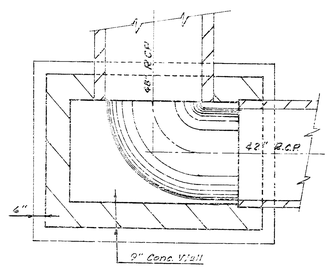


SECTION THRU PIPES

Reinf. steel in existing 5'x5' box to extend into junction box



SPEC. JUNCTION BOX
@ STA. 12+12.50
Scale: 3/8"=1'0"



SECTION THRU PIPES

SPEC. JUNCTION BOX
@ STA. 15+04.41
Scale: 3/8"=1'0"

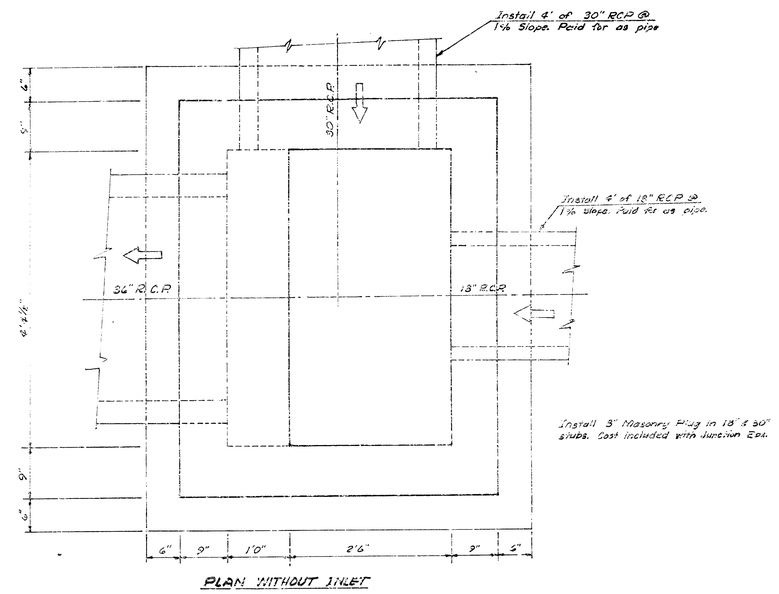
GENERAL NOTES:
All concrete (except mortar) to be 4 sack Paving Mix.

The concrete base to be constructed on undisturbed earth.

STORM WATER SEWER NO. 101
Project No. DBKA 572075

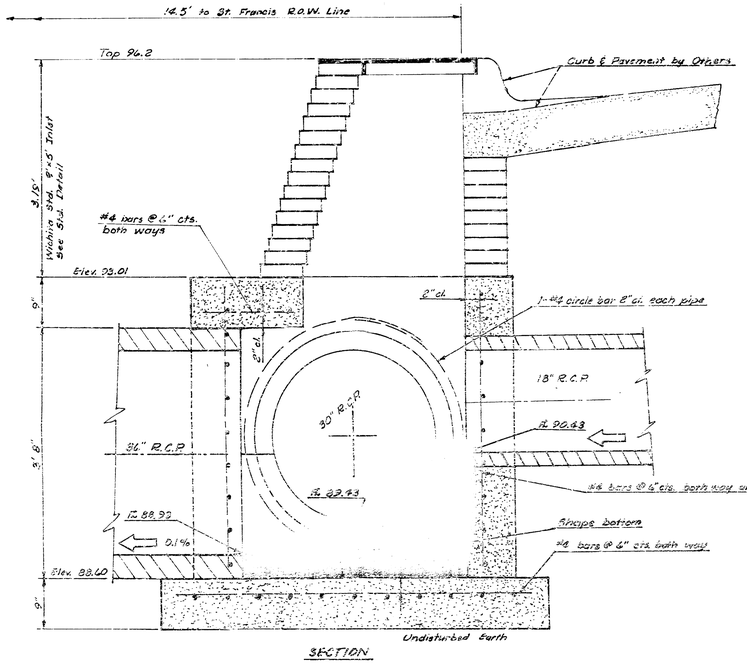
Sheet 6 of 7

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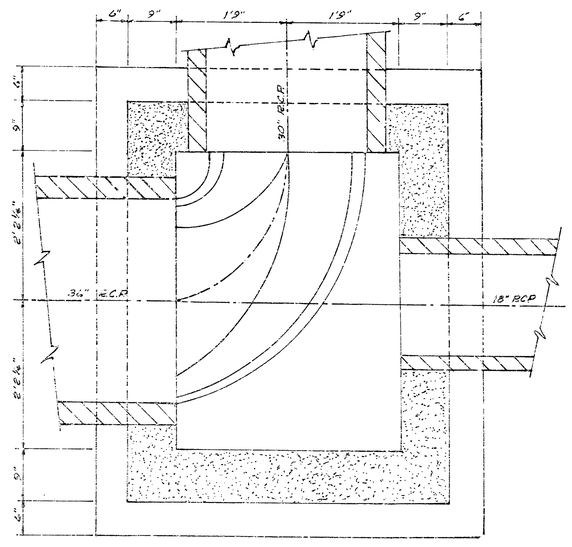
Install 3" Masonry Plug in 18" & 30" stubs. Cost included with Junction Box.

PLAN WITHOUT INLET



SECTION

JUNCTION BOX @ 108+98.63
Scale 1"=1'0"



PLAN SECTION THRU JUNCTION BOX

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