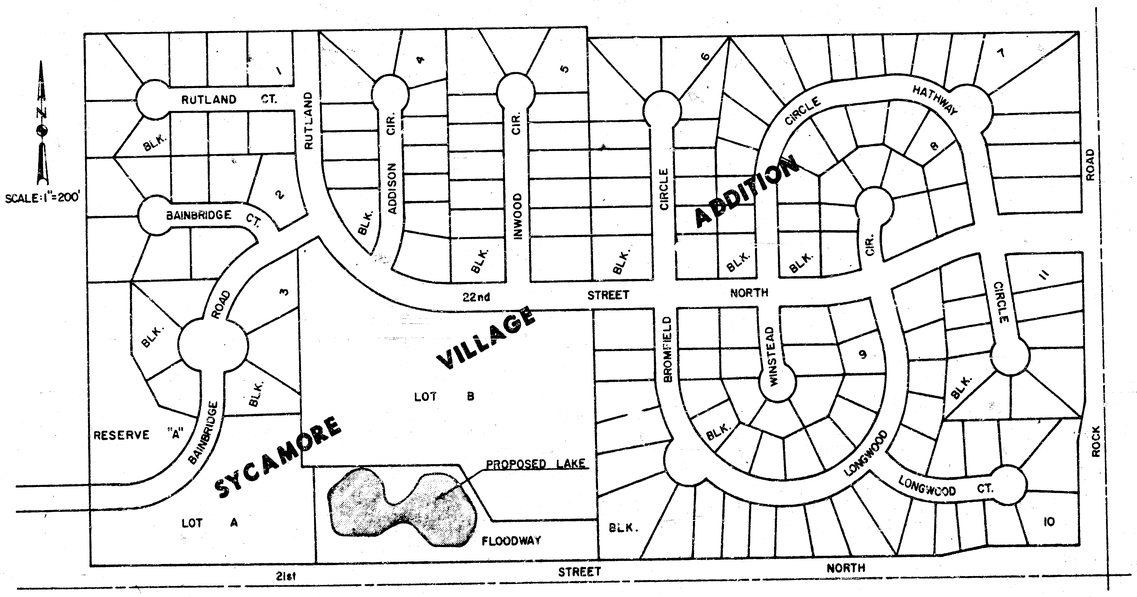
LAKE IMPROVEMENT PROJECT
SYCAMORE VILLAGE ADDITION
WICHITA , KANSAS

WICHITA LAND COMPANY
2500 CLAIBORN CIRCLE
WICHITA , KANSAS



LOCATION MAP

INDEX TO DRAWINGS

SHEET TITLE	SHEET NO.
TITLE & LOCATION MAP	1
GRADING PLAN	2
CONTROL STRUCTURE & PROFILE	3
GRADING CROSS SECTIONS	4-7

6-11-76	JOB NO. 4-74-014-A0	
	VAN DOREN · HAZARD · STALLINGS	SHEET 1

22nd ST. NORTH

ROAD

BAINBRIDGE

21st STREET

Scale: 1" = 50'

LOT A

LOT B

Existing Tennis Courts

Recreational Facilities By Others

Silo

Silo Removed By Others

Concrete Slab To Be Removed By Others

Excavate To Elev. 200.0

Floodway Limits

36" Storm Drain To Be Constructed By Others

Property Line

Remove Hedge

Rip Rap By Others

35' Drainage & Utility Easement

Power Pole To Be Relocated By Others

Sta. 15+85-84' Lt. Install 65 L.F. 21" R.C.P. With Conc. End Section

Sta. 16+40-118.64' Lt. Const. Outlet Control Structure See Sheet No. 3

Building Setback Line

8" San.

R/W

S.W. 1/4 Cor. Sec. 6 T27S, R2E

B.M. S. RIM OF TELEPHONE M.H., N. SIDE OF

LEGEND

Sanitary Sewer M.H.

Rip Rap

Hedge

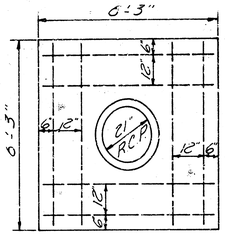
Power Pole

SYCAMORE VILLAGE ADDITION
LAKE
WICHITA, KANSAS

GRADING PLAN

VAN DOREN-HAZARD-STALLINGS
ARCHITECTS ENGINEERS ··· WICHITA, KANSAS

SHEET 2



30 lbs. Reinf. Steel
0.38 Cu. Yds.

CONCRETE ANTISEEP COLLAR DETAIL
Scale: 3/8" = 1'-0"

NOTE: Construct Conc. Collar 6" thick. All Reinforcing bars are No. 4. Collars shall be paid for at the unit cost for Class "AA" Concrete and lbs. of Reinf. Steel. Reinf. Steel shall be placed in the center of the Collar.

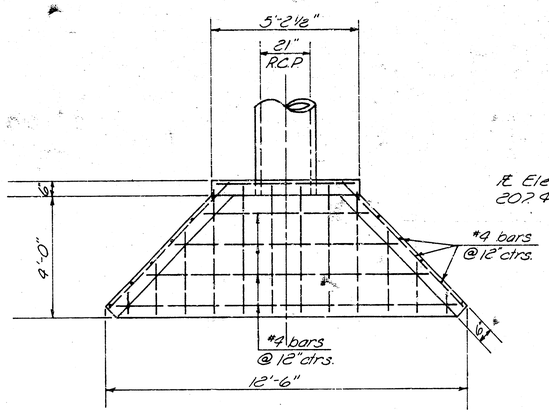
GENERAL NOTES:

Unit Stresses: f'c = 4,000 p.s.i. ; fc = 1,600 p.s.i. ; fs = 20,000 p.s.i.

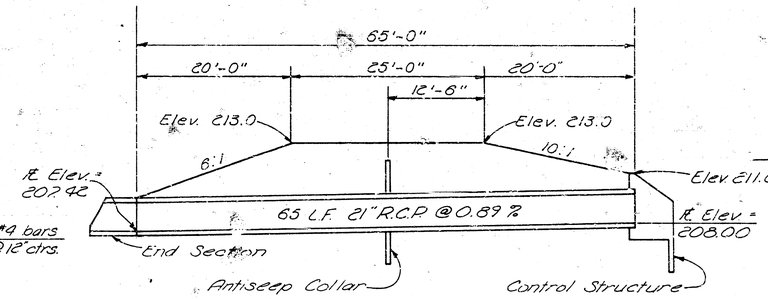
Class "AA" Concrete shall be used throughout.

Bevel all exposed edges with a 3/4" triangular molding unless otherwise noted.

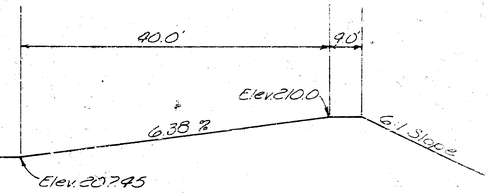
All dimensions relative to reinforcing steel are to center line of bar unless otherwise noted.



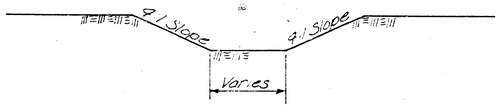
Conc. = 2.64 Cu. Yds.
Steel = 140 Lbs



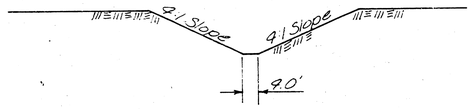
CONTROL STRUCTURE PROFILE



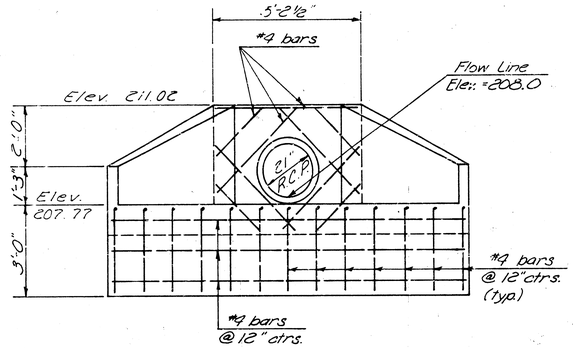
SPILLWAY PROFILE

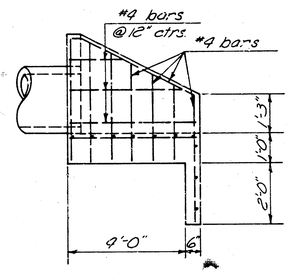


TYPICAL SPILLWAY SECTION



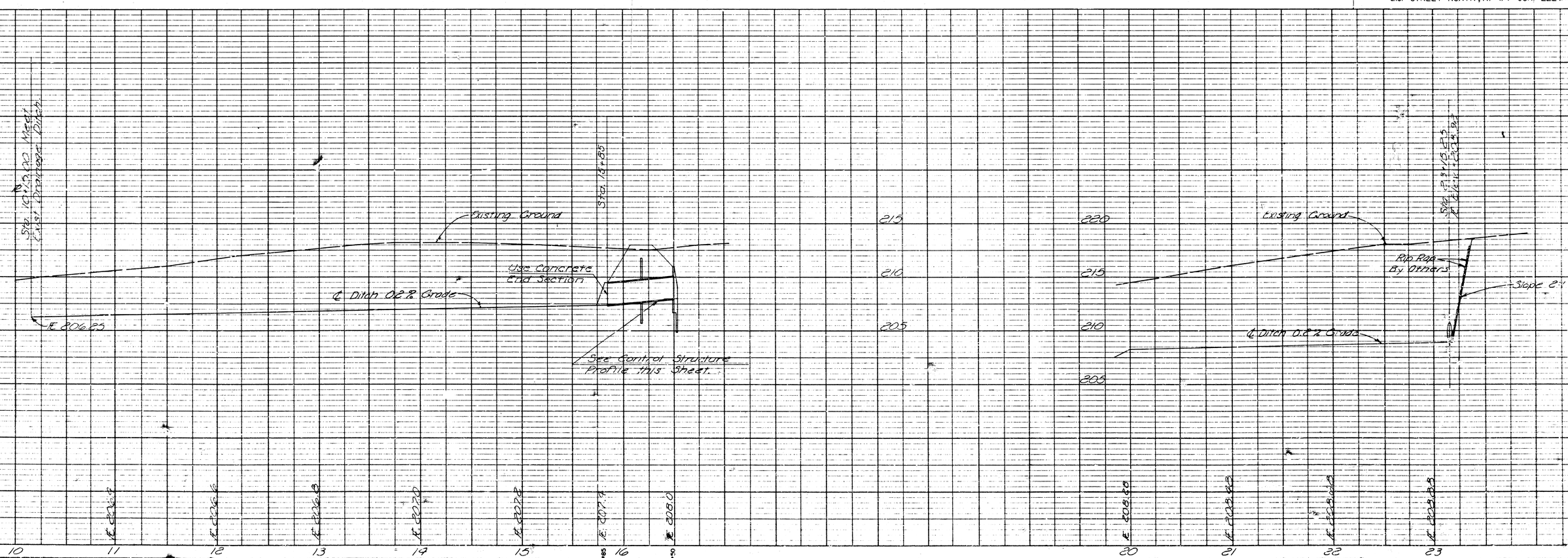
TYPICAL OUTLET DITCH
STA. 10+55. TO STA. 15+25.



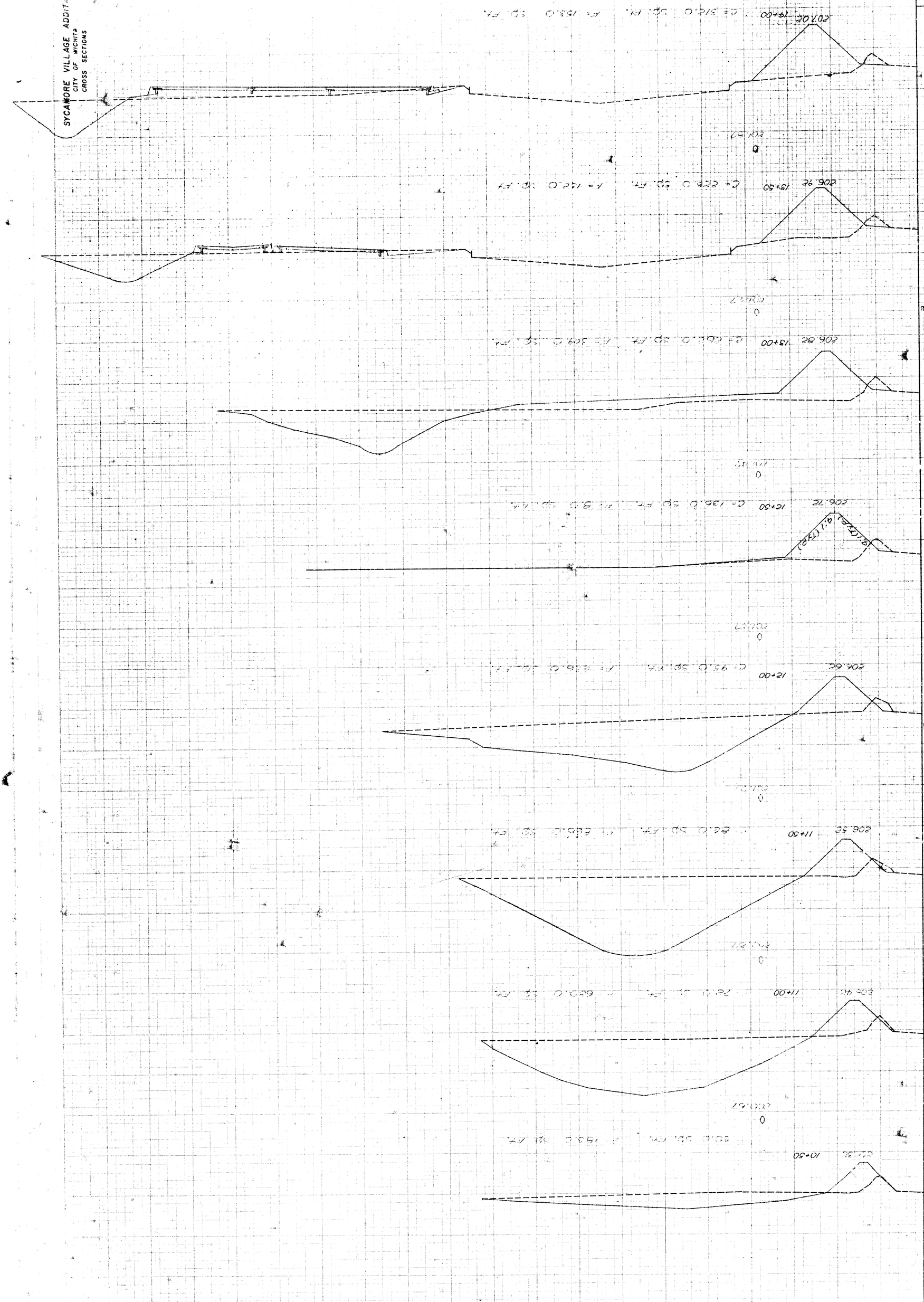


OUTLET CONTROL STRUCTURE DETAIL
Scale: 3/8" = 1'-0"

B.M. S RIM OF TELEPHONE M.H., N. SIDE OF 21st STREET NORTH, AT 1/4 COR. ELEV = 2094



SYCAMORE VILLAGE ADDITION
CITY OF WICHITA
CROSS SECTIONS


206.66
12+00
206.62
11+50
206.92
11+00
206.72
10+50
206.82
10+00
206.92
9+50
207.06
9+00
0
206
210
212
214
216
208
212
214
216
210
214
216
208
212
214
216
210
214
216
208
212
214
216
210

215
210
205

14+50

C= 213.0 SQ. FT. F= 29? 0 SQ. FT.

20? 16

215
210
205

ST.

4:1 (TYP.)

4:1 (TYP.)

20? 3?

15+00

C= 198.0 SQ. FT. F= 100.0 SQ. FT.

215
210
205

15+50

20? 33

215
210
205

20? 50

16+00

C= 915.0 SQ. FT. F= 215.0 SQ. FT.

215
210
205

203.07

16+50

C=1652.0 S.F. F=215.0 S.F.

220
215
210
205
200

203.27

17+00

C=1382.0 S.F. F=195.00 S.F.

220
215
210
205
200

203.47

SYCAMORE VILLAGE
CITY OF SANTA
CROSS SECTIONS

5

SYCAMORE VILLAGE ADDITION
CITY OF WICHITA
CROSS SECTIONS

220
215
210
205

20+50

C=454.0 S.F. F=135.0 S.F.

220
215
210
205

21+00

C=386.0 S.F. F=496.0 S.F.

220
215
210
205

21+50

C=393.0 S.F. F=154.0 S.F.

220
215
210
205

22+00

C=592.0 S.F. F=29.0 S.F.

220
215
210
205

22+50

C=472.0 S.F. F=127.0 S.F.

220
215
210
205

23+00

C=594.0 S.F. F=56.0 S.F.

SYCAMORE VILLAGE
CITY OF WICHITA
CROSS SECTIONS