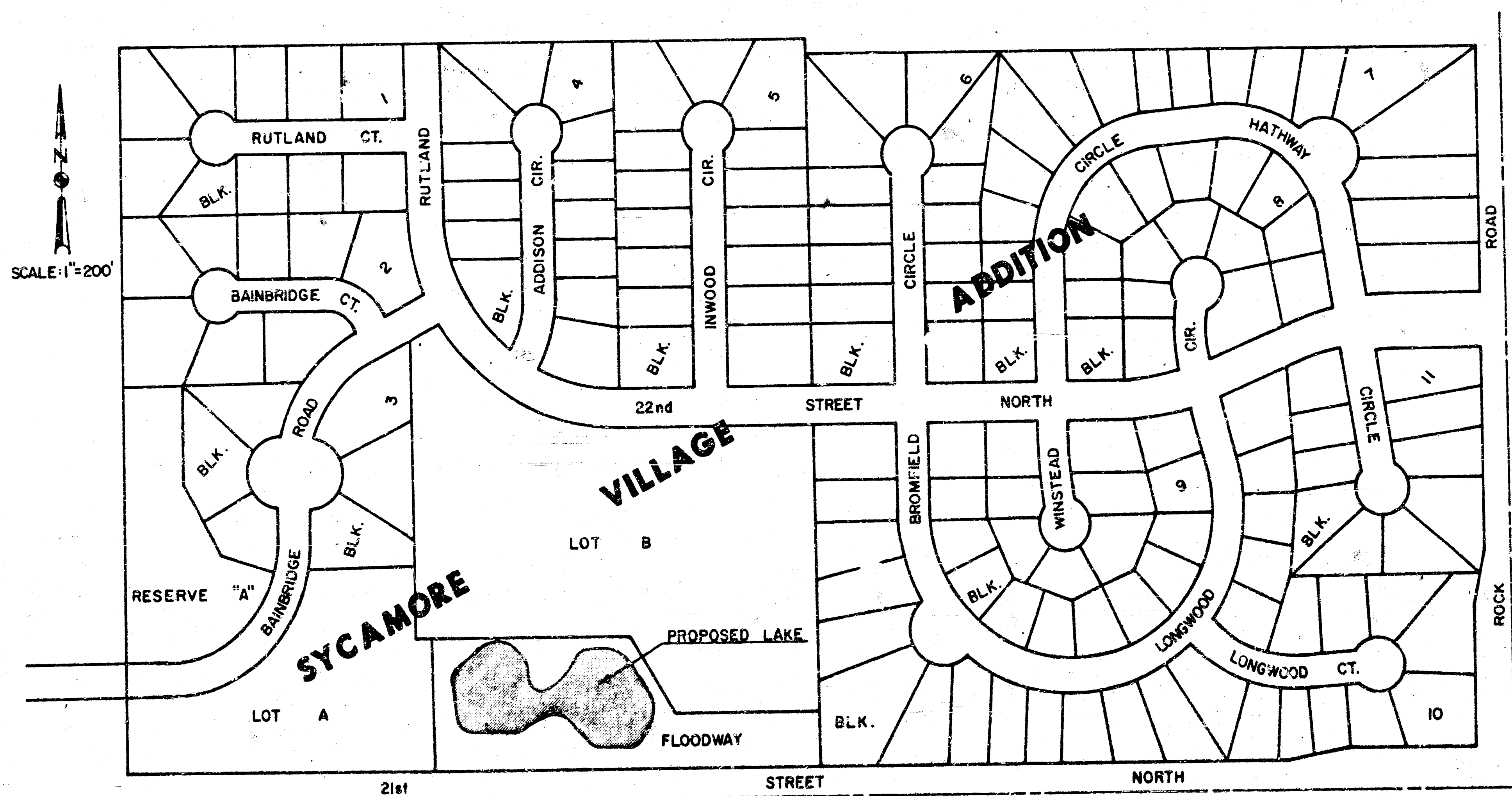


LAKE IMPROVEMENT PROJECT SYCAMORE VILLAGE ADDITION WICHITA , KANSAS

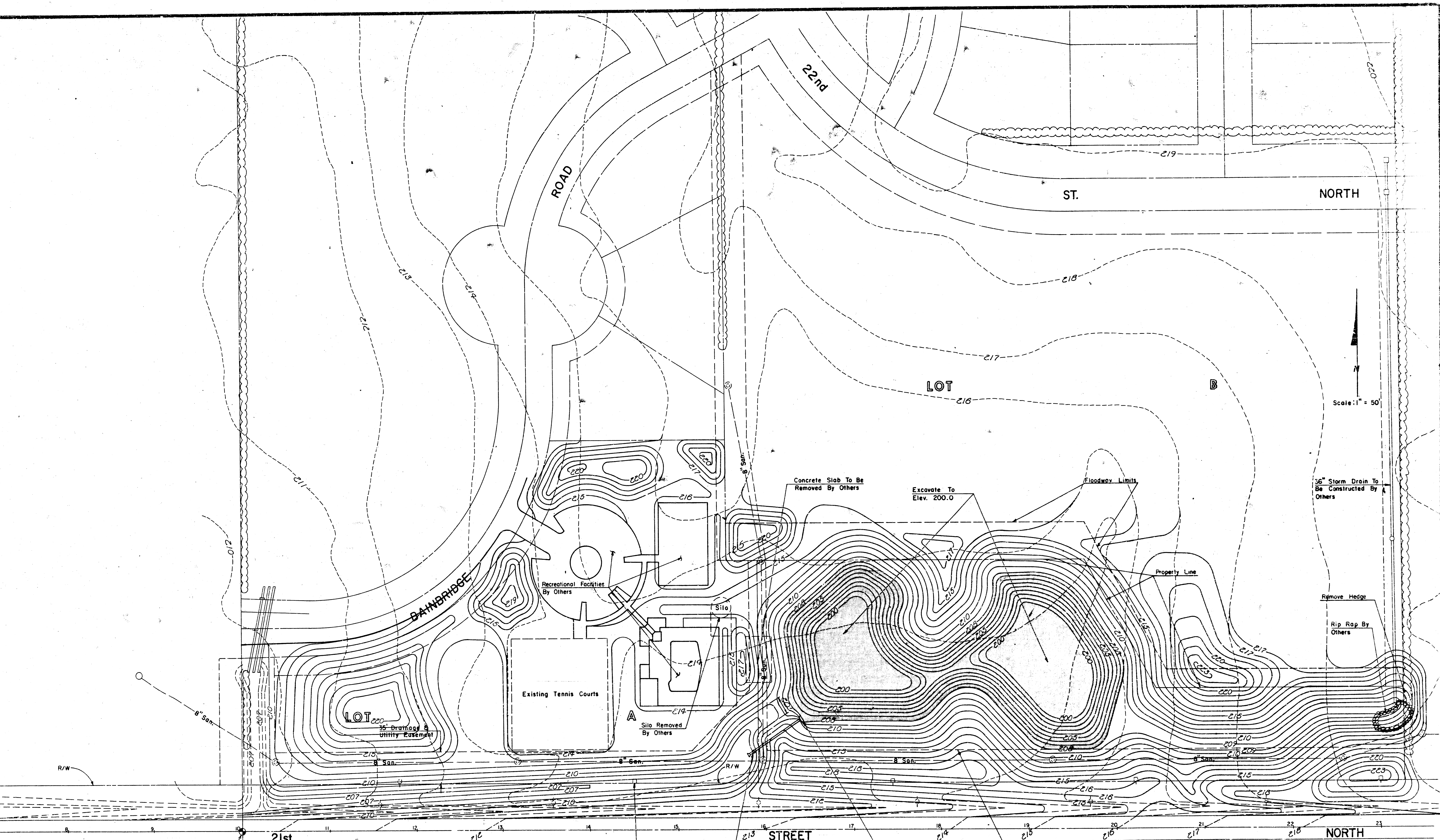
WICHITA LAND COMPANY
2500 CLAIBORN CIRCLE
WICHITA , KANSAS

INDEX TO DRAWINGS

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



LOCATION MAP



Scale: 1" = 50'

North

36" Storm Drain To Be Constructed By Others

Remove Hedge
Rip Rap By Others

ST. NORTH

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

Power Pole To Be
Relocated By Others

Sta. 13+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

LEGEND

- Sanitary Sewer M.H.
- Rip Rap
- Hedge
- Power Pole

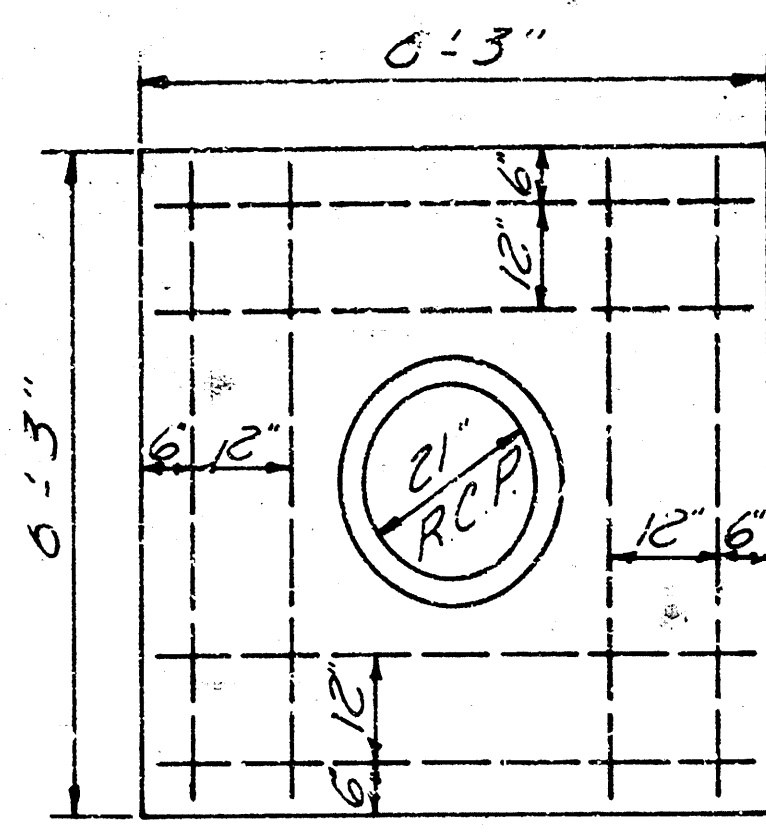
SYCAMORE VILLAGE ADDITION
LAKE
WICHITA, KANSAS

GRADING PLAN

VAN DOREN-HAZARD-STALLINGS

ARCHITECTS ENGINEERS - WICHITA, KANSAS

SHEET
2



30 lbs. Reinf. Steel
0.58 Cu. Yds.

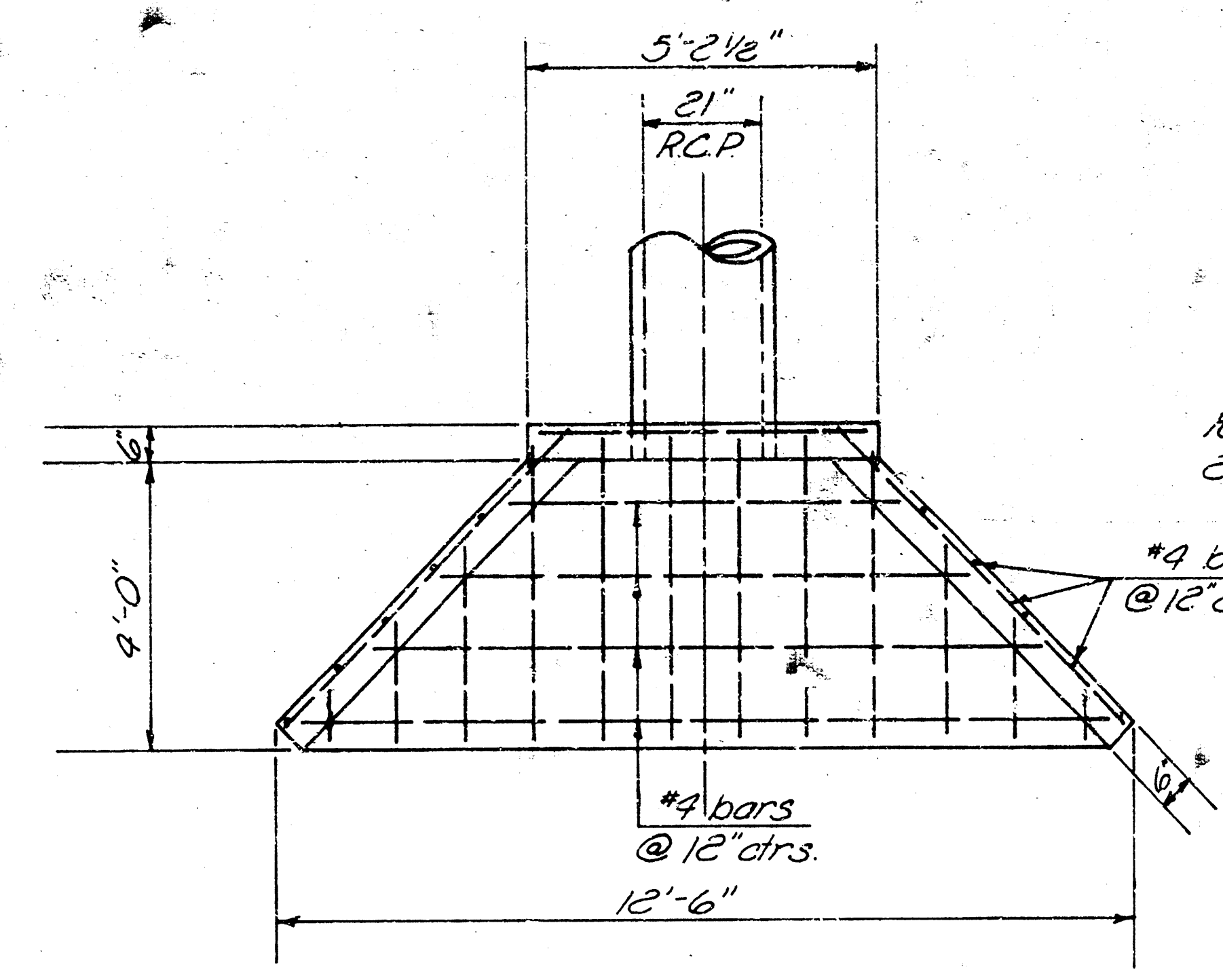
CONCRETE ANTISEEP COLLAR
DETAIL

Scale: $\frac{3}{8}'' = 1'-0''$

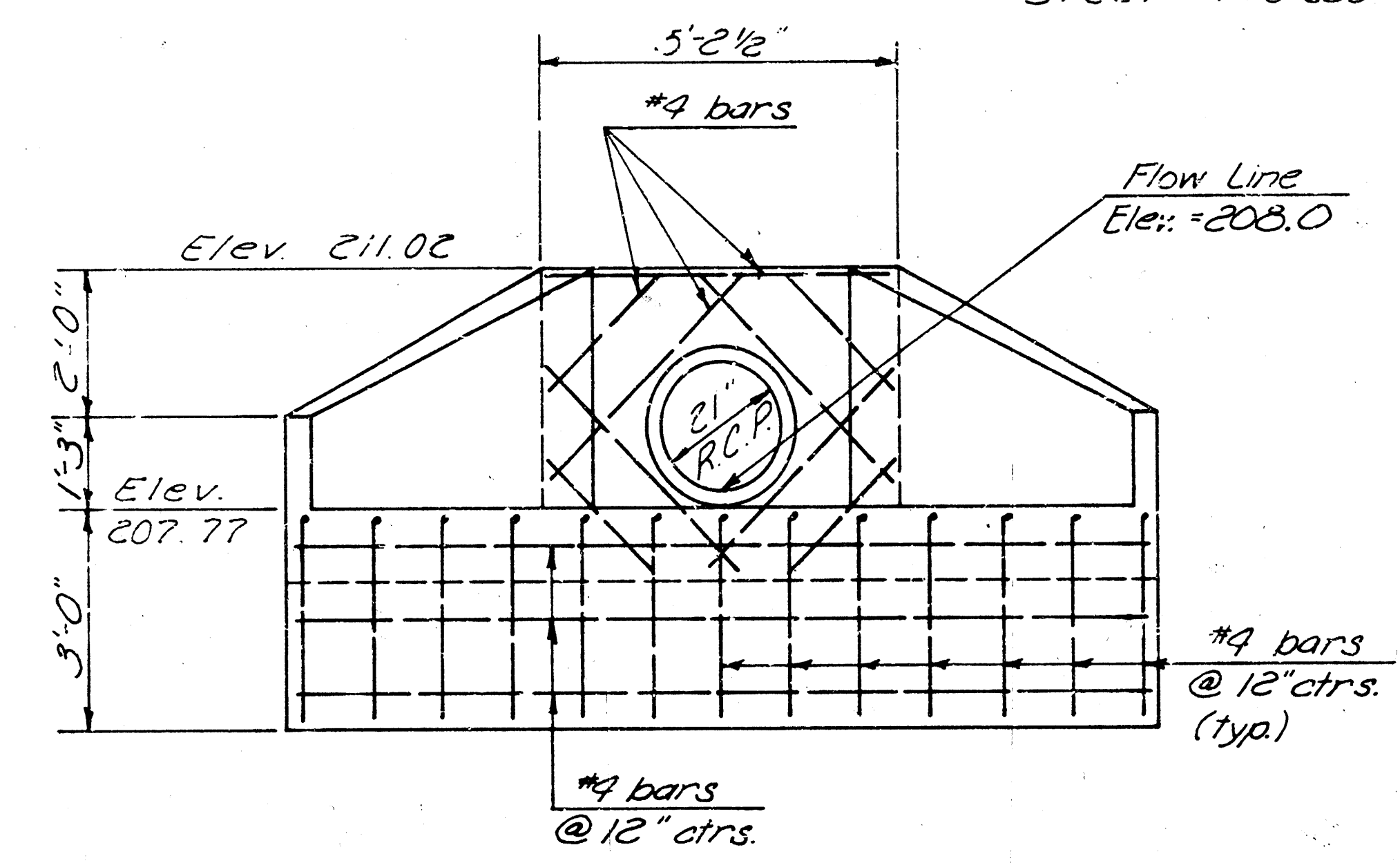
NOTE: Construct Conc. Collar 6" thick. All Reinforcing bars are No. 4. Collars shall be paid for at the unit cost for Class "AA" Concrete and lbs. of Reinf. Steel. Reinf. Steel shall be placed in the center of the Collar.

GENERAL NOTES:

Unit Stresses: $f_c = 9000$ p.s.i.; $f_c = 1600$ p.s.i.; $f_s = 20,000$ p.s.i.
Class "AA" Concrete shall be used throughout. Bevel all exposed edges with a $\frac{3}{4}''$ triangular molding unless otherwise noted.
All dimensions relative to reinforcing steel are to center line of bar unless otherwise noted.

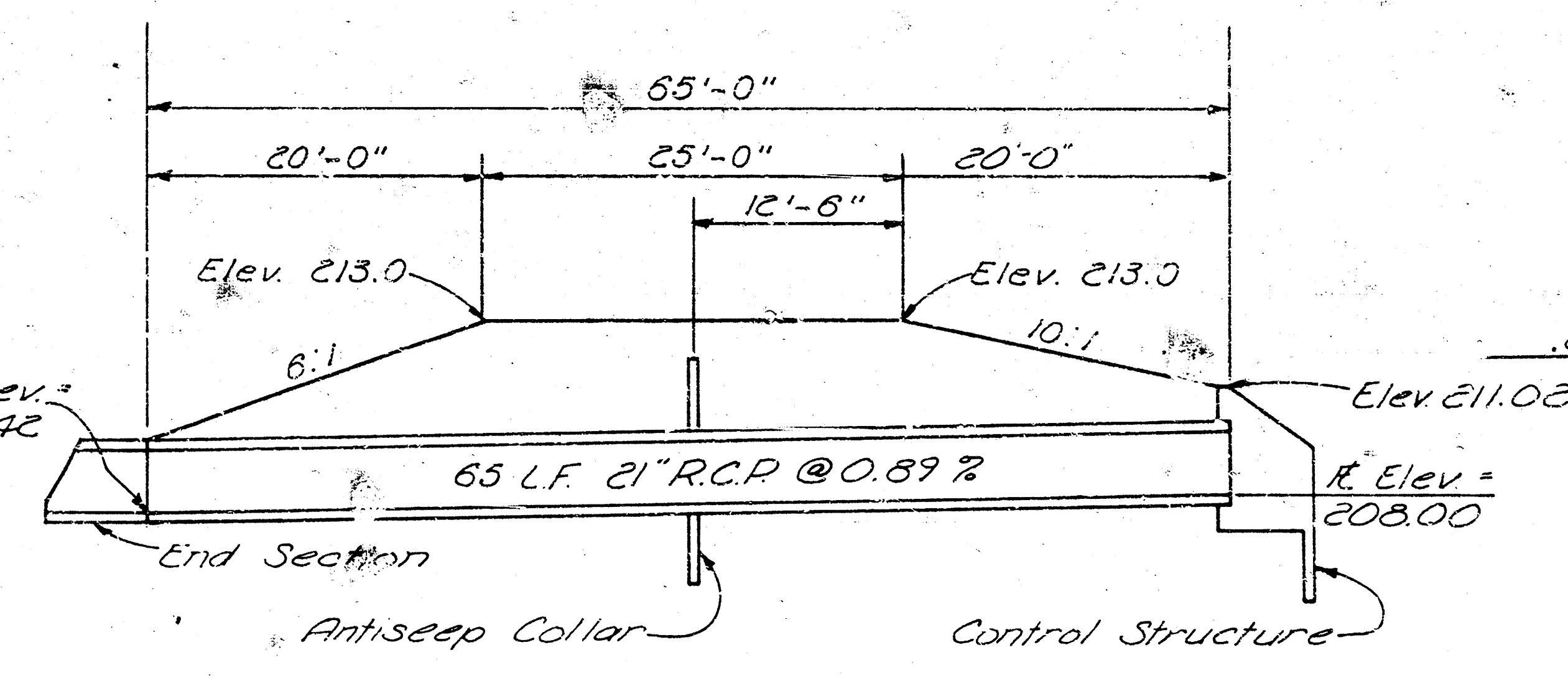


Conc. = 2.64 Cu. Yds.
Steel = 140 Lbs

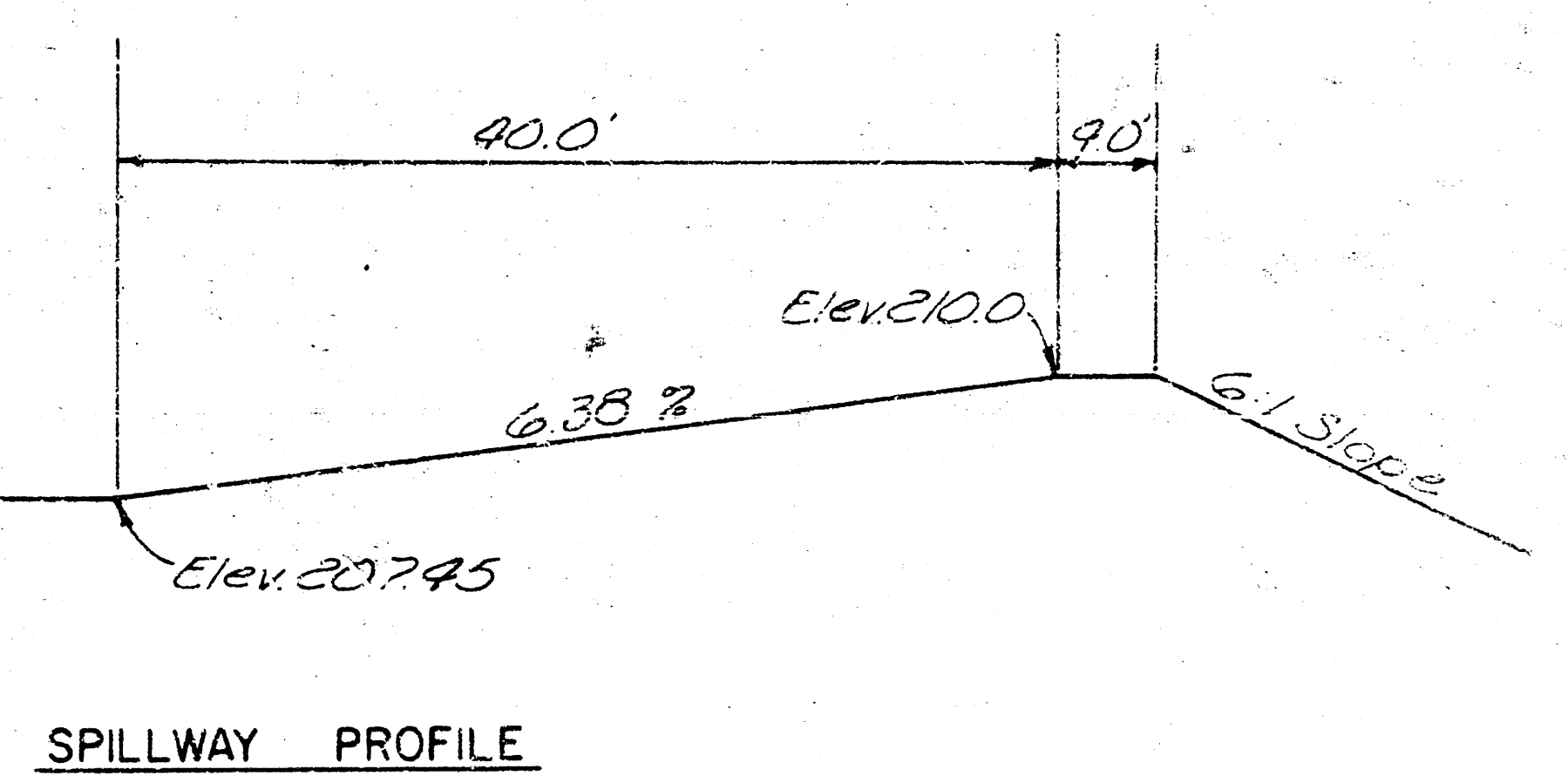


OUTLET CONTROL STRUCTURE
DETAIL

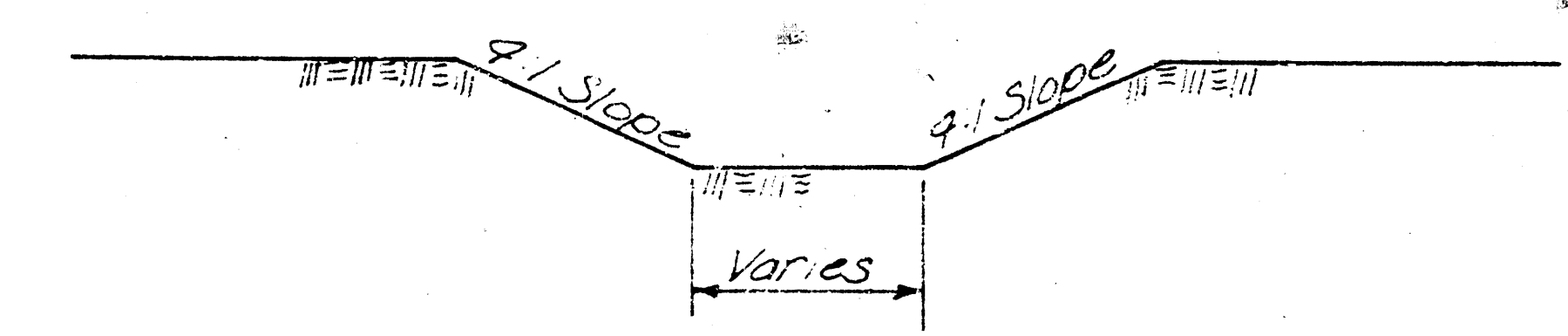
Scale: $\frac{3}{8}'' = 1'-0''$



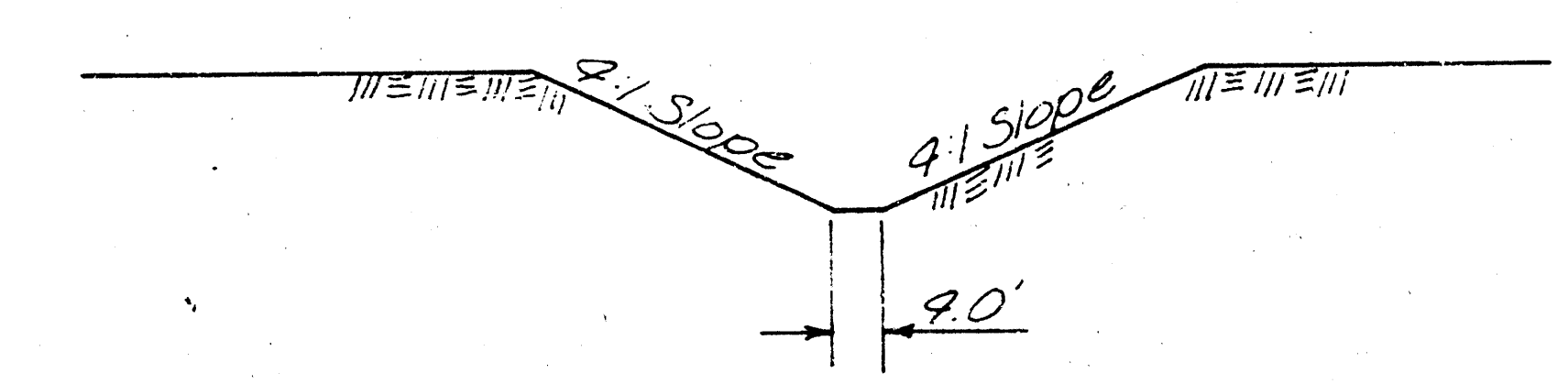
CONTROL STRUCTURE PROFILE



SPILLWAY PROFILE

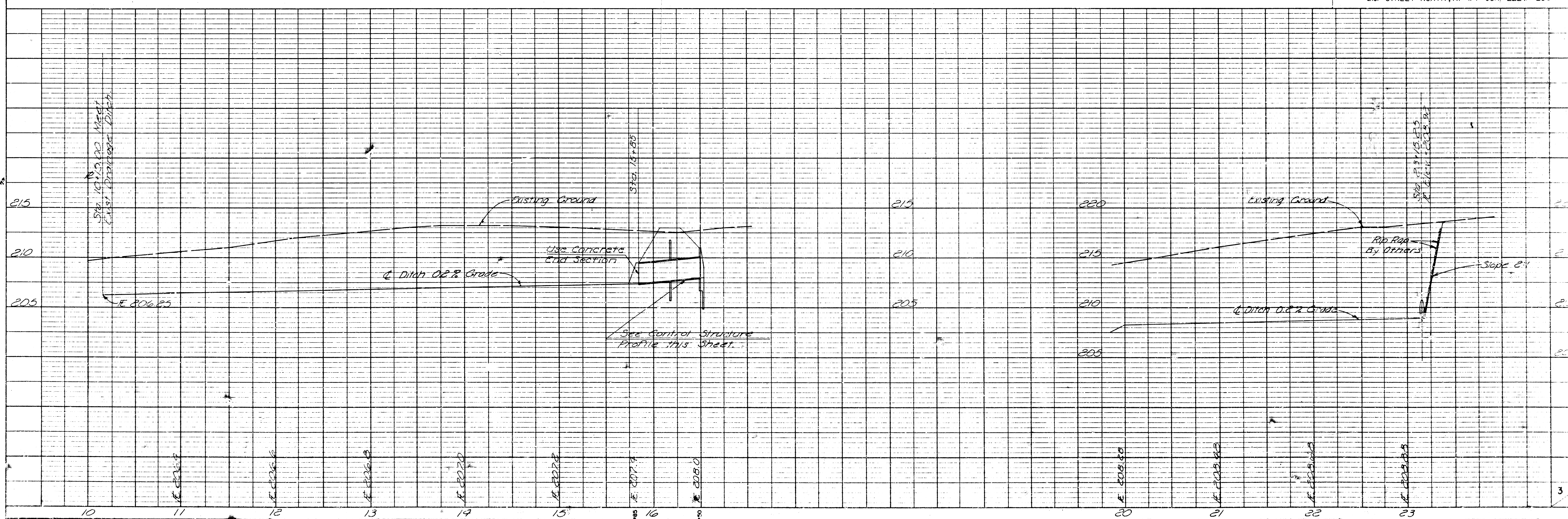


TYPICAL SPILLWAY SECTION

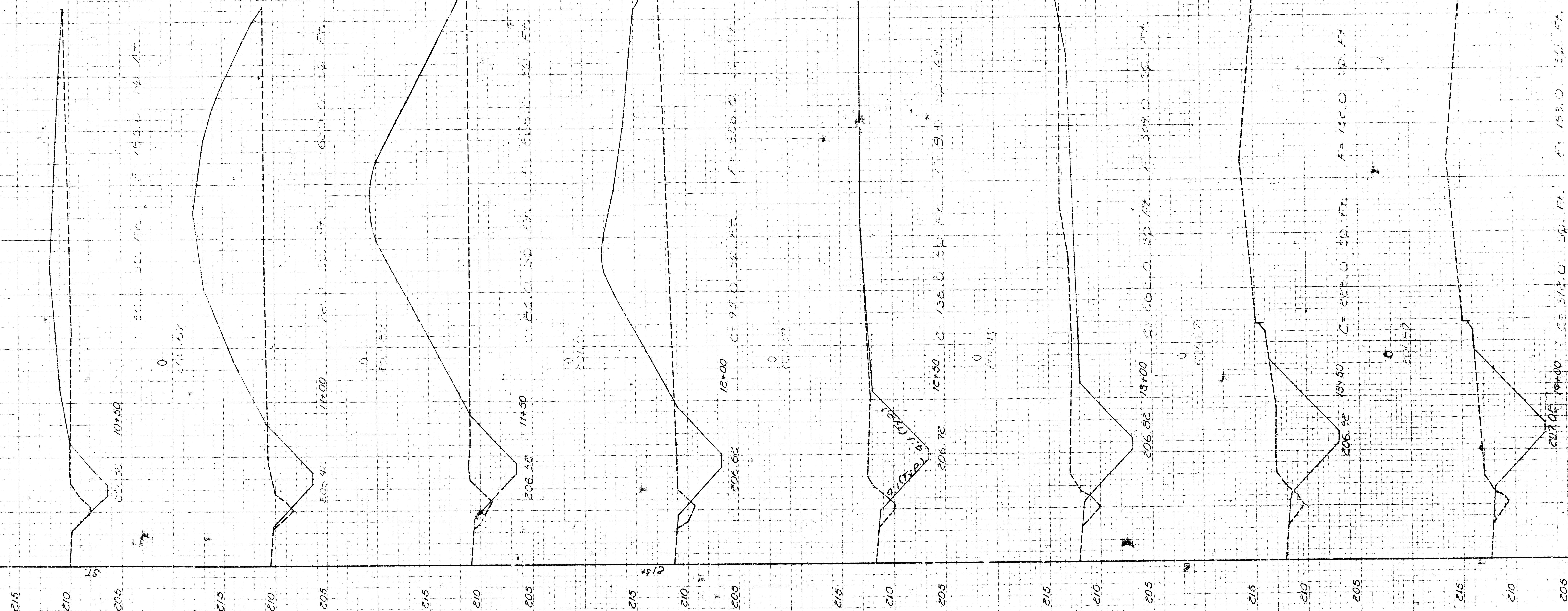


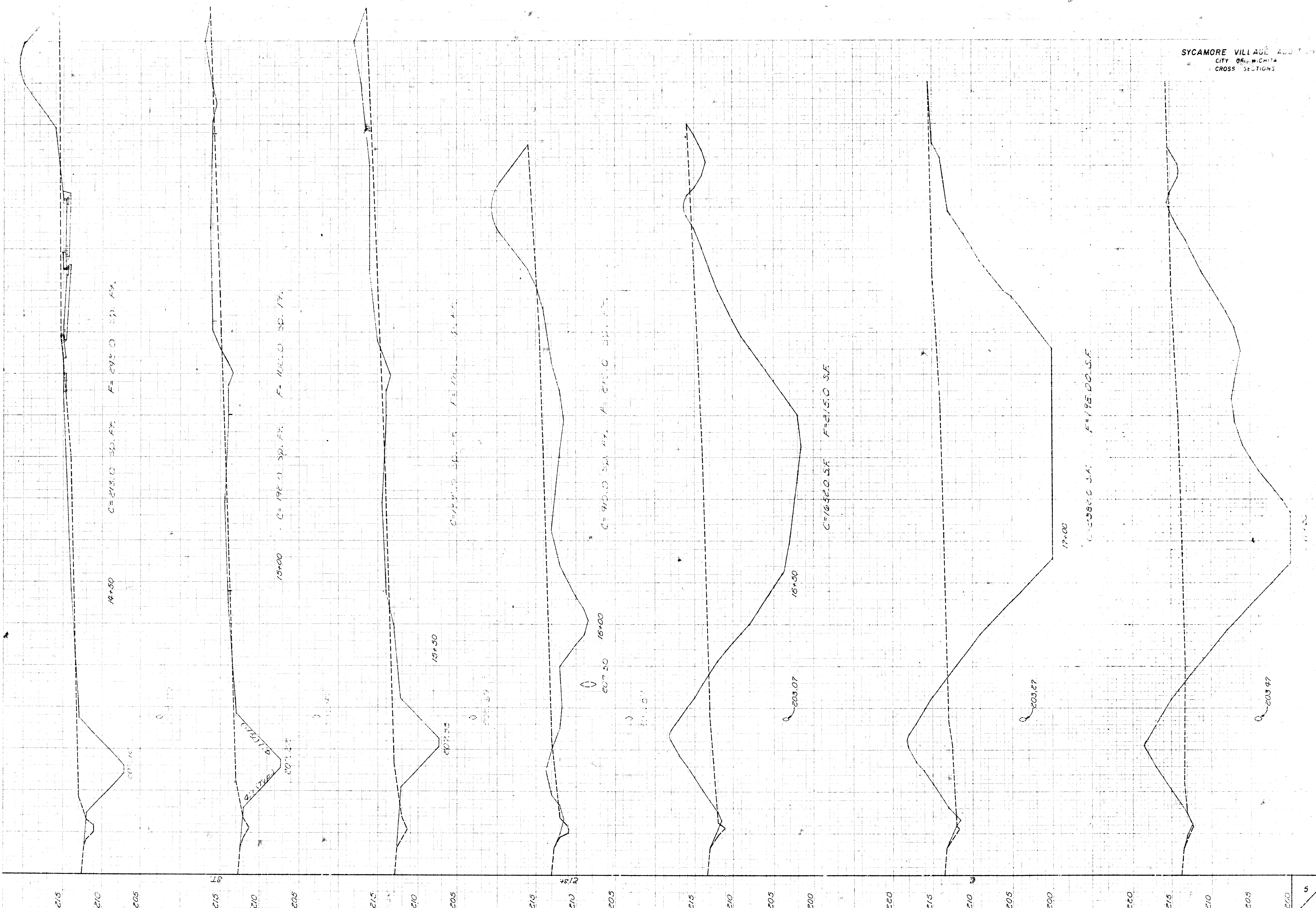
TYPICAL OUTLET DITCH
STA. 10+55 TO STA. 15+25

B.M. S. RIM OF TELEPHONE M.H., N. SIDE OF
21st STREET NORTH, AT 1/4 COR. ELEV. = 209.4

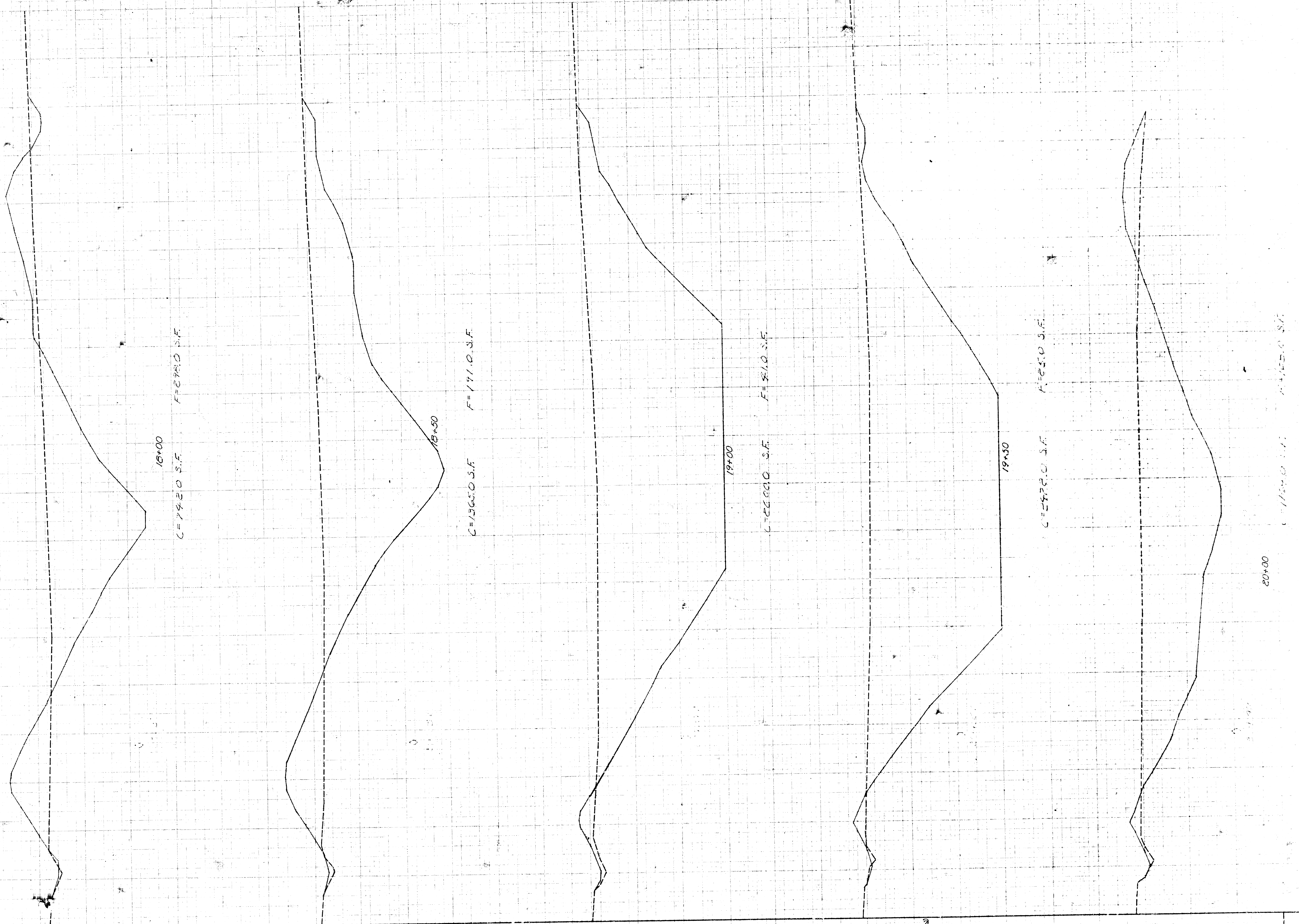


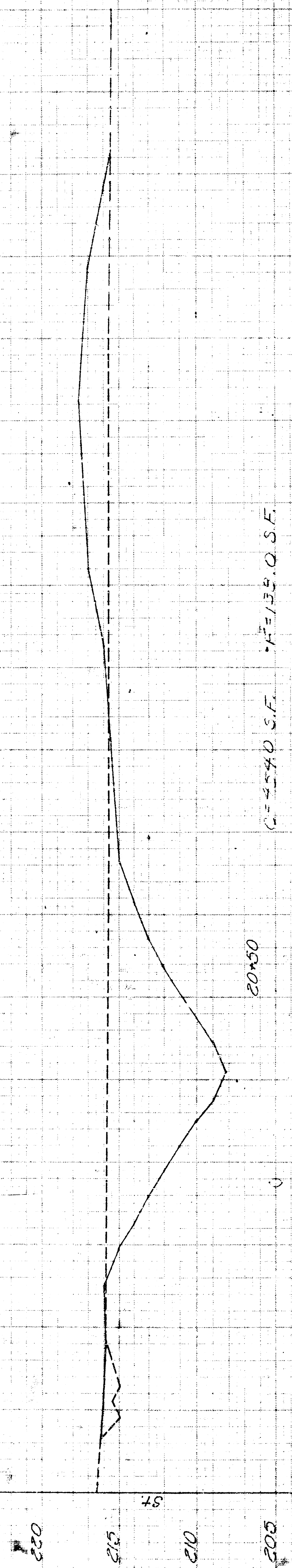
SYCAMORE VILLAGE ADDITION
CITY OF WICHITA
CROSS SECTIONS



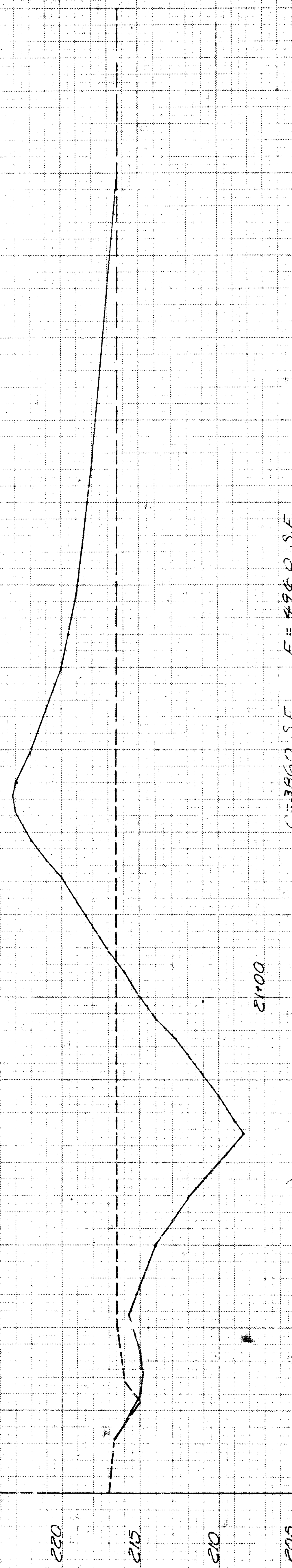


SYCAMORE VILLAGE ADDITION
CITY OF WICHITA
CROSS SECTIONS

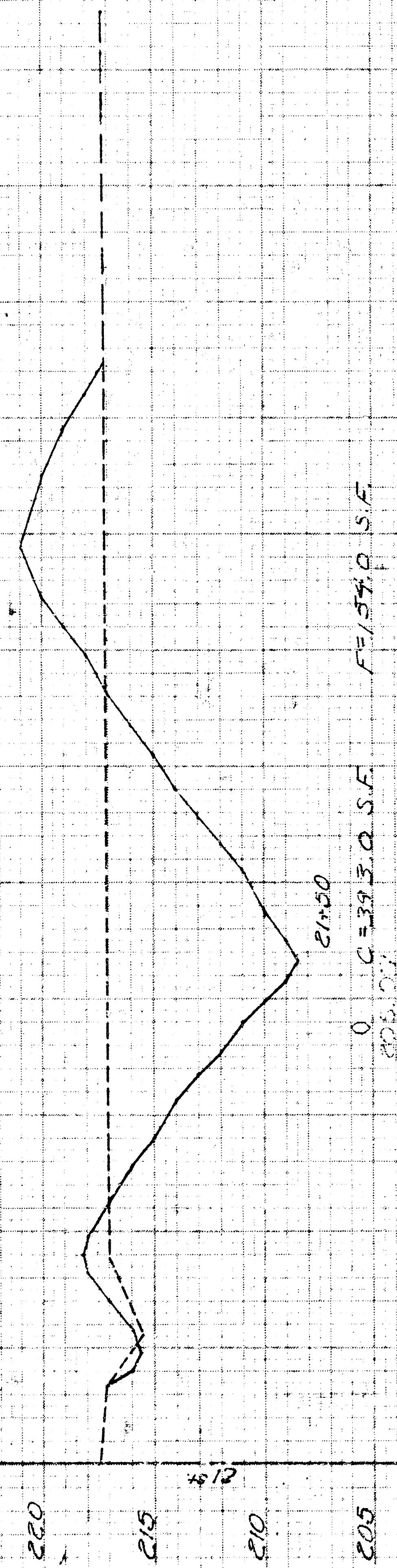




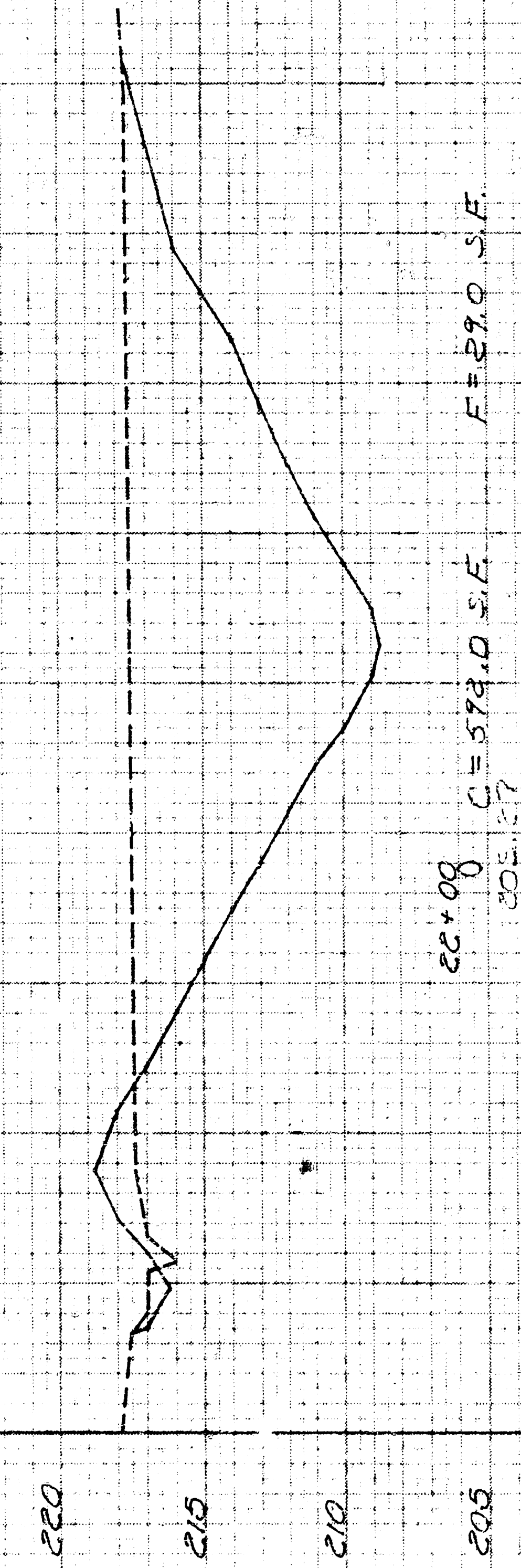
C=5540 S.F. F=135.0 S.F.



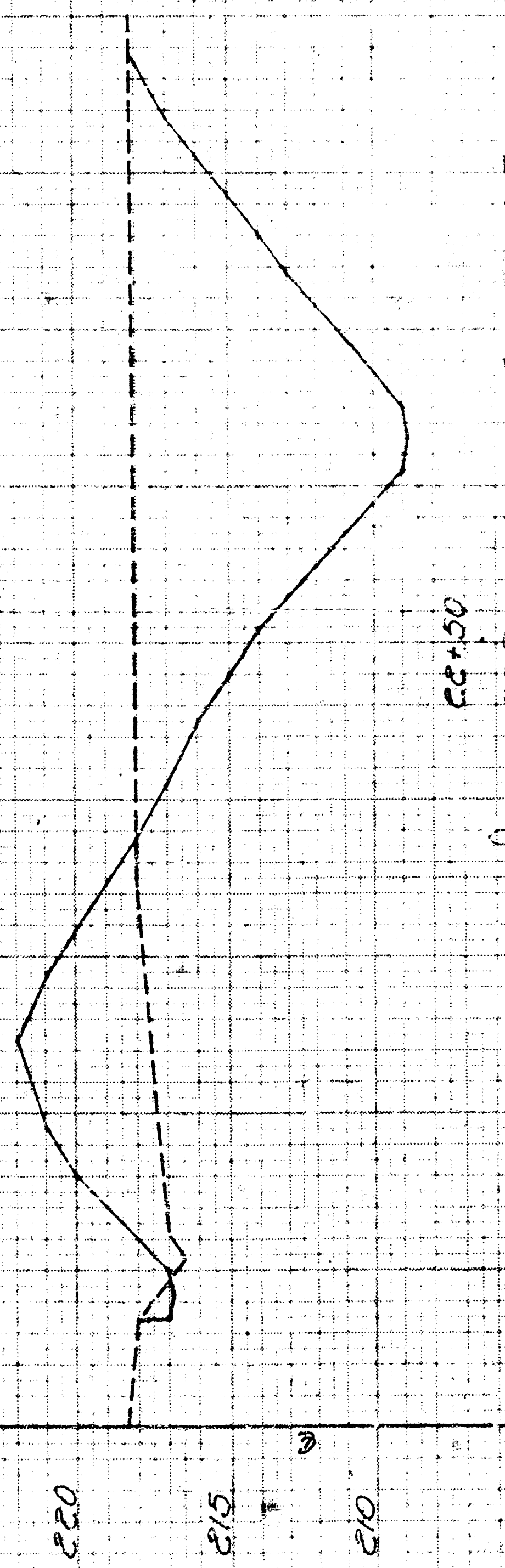
C=3860 S.F. F=99.0 S.F.



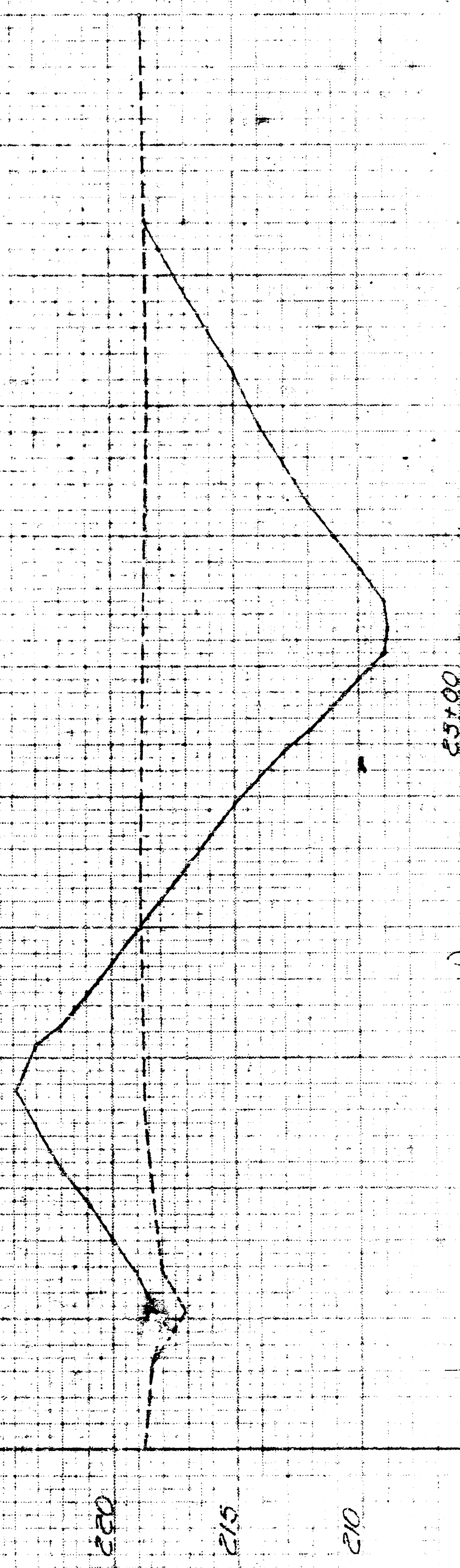
C=3930 S.F. F=154.0 S.F.



C=5730 S.F. F=29.0 S.F.



C=4720 S.F. F=2270 S.F.



C=3540 S.F. F=146.0 S.F.