

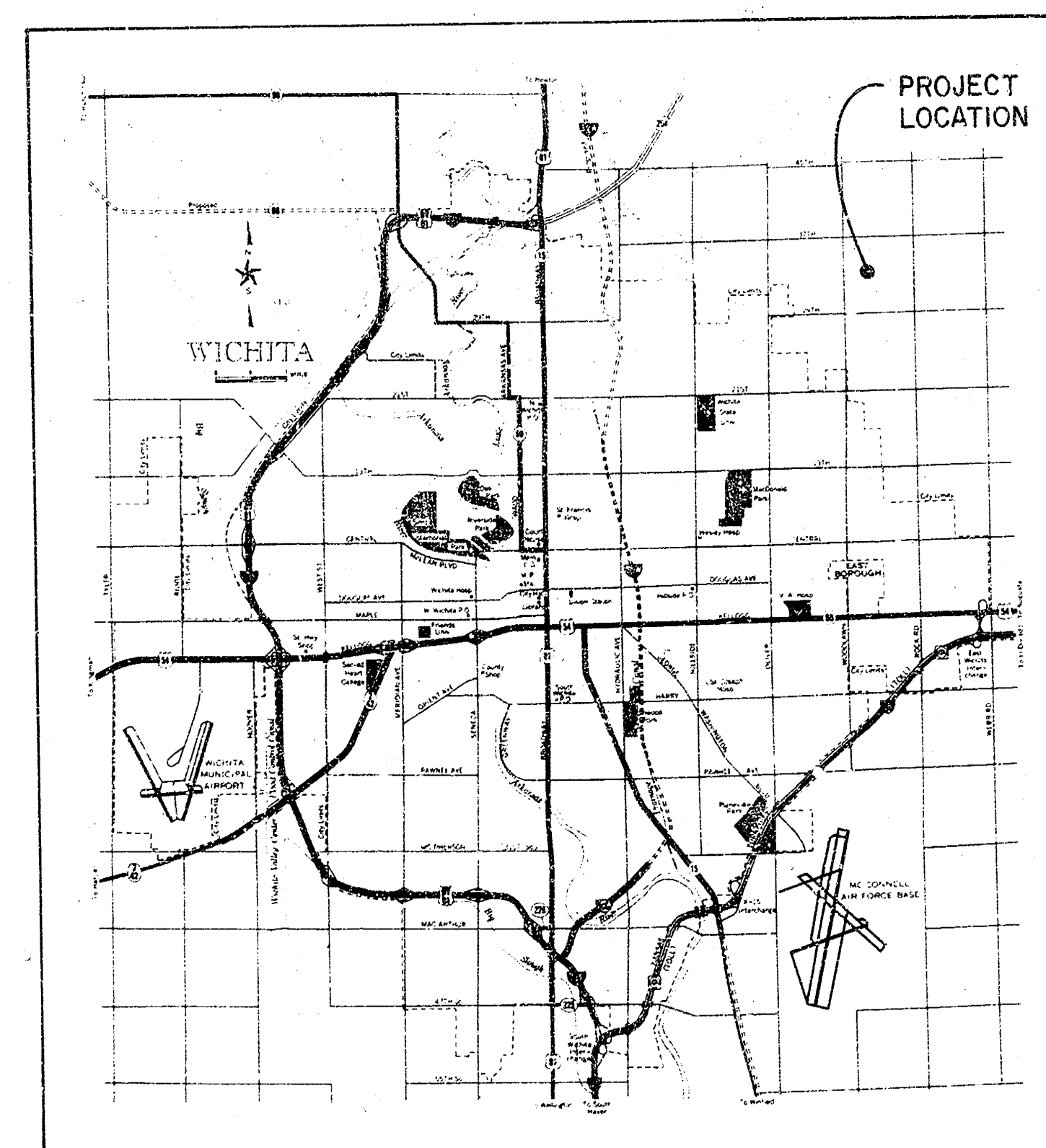
**PROJECT NO.
468-76-245-80880-000-000-001**

**FANTASEA LAKE
FANTASEA ADDITION**

**IN
COMOTARA**

WICHITA, KANSAS

JUNE 1979



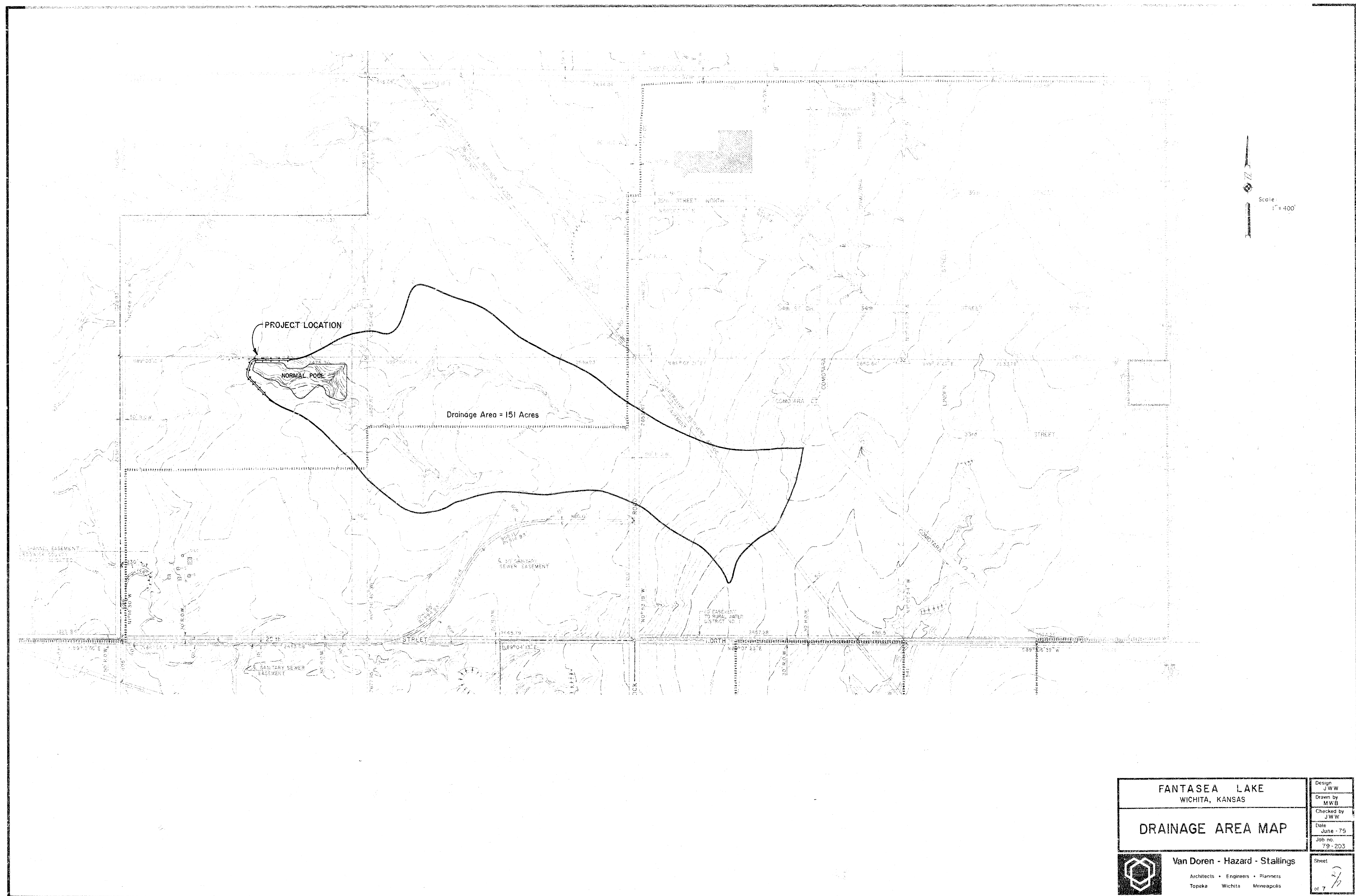
LOCATION MAP

INDEX TO DRAWINGS

- 1 COVER SHEET
- 2 DRAINAGE AREA MAP
- 3 SITE PLAN
- 4 SECTIONS & DETAILS
- 5-7 CROSS SECTIONS

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

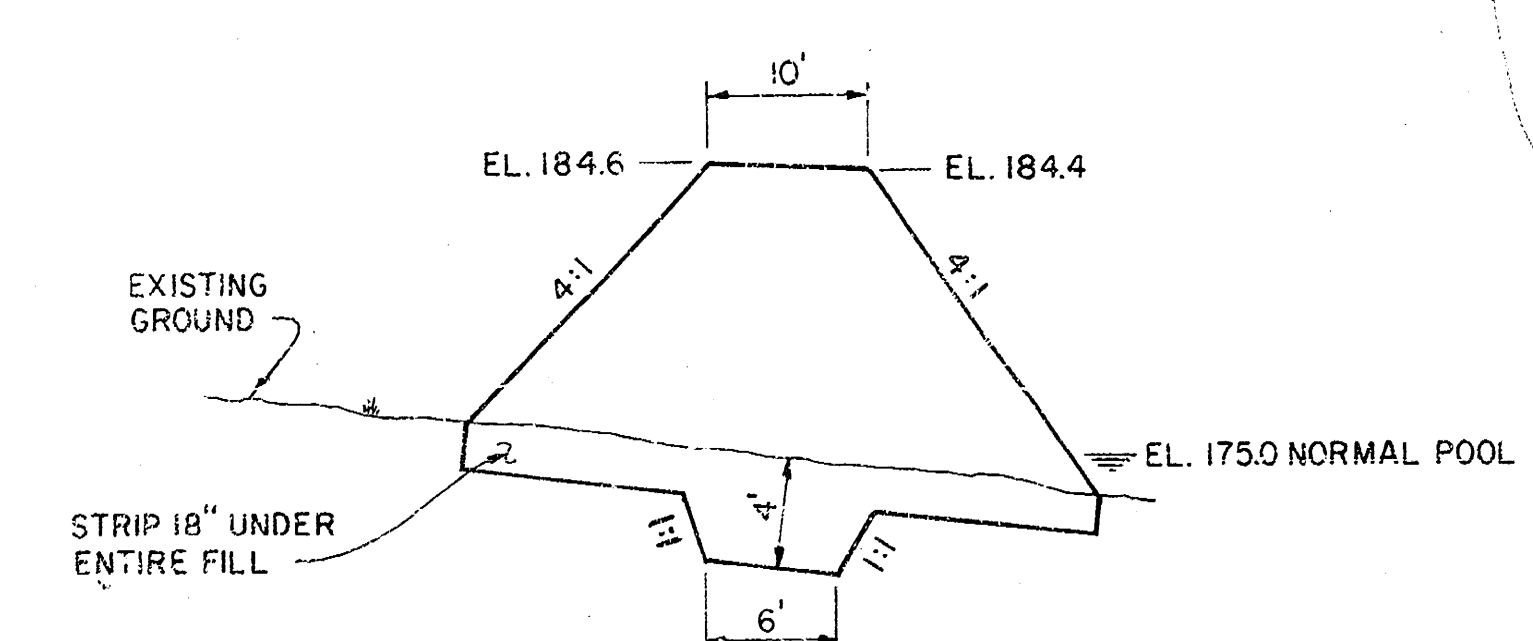
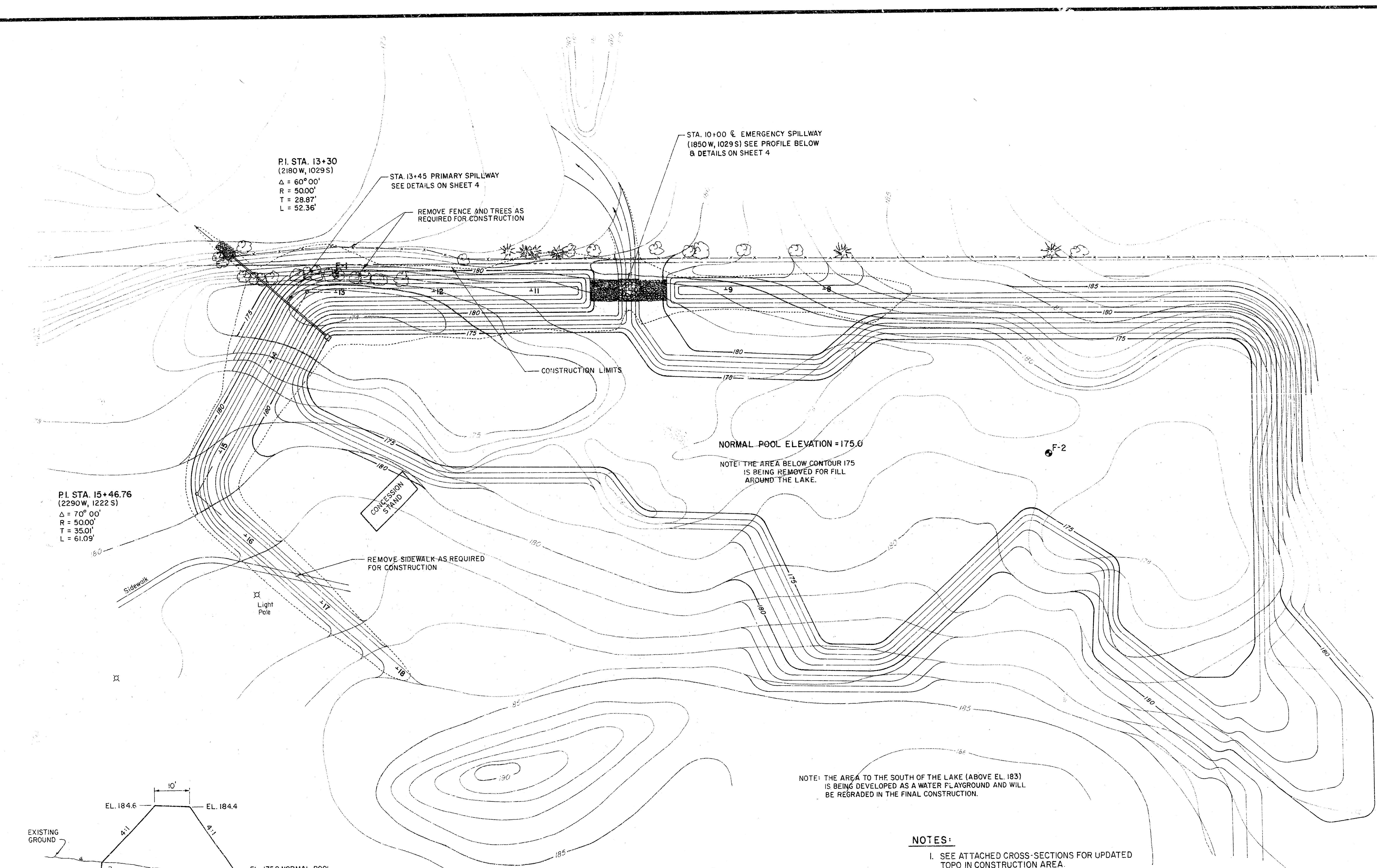
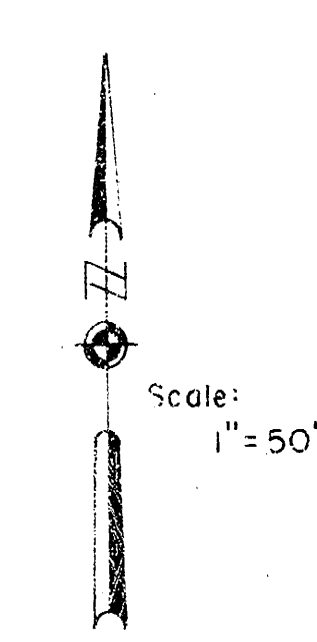
Job No. 79-203



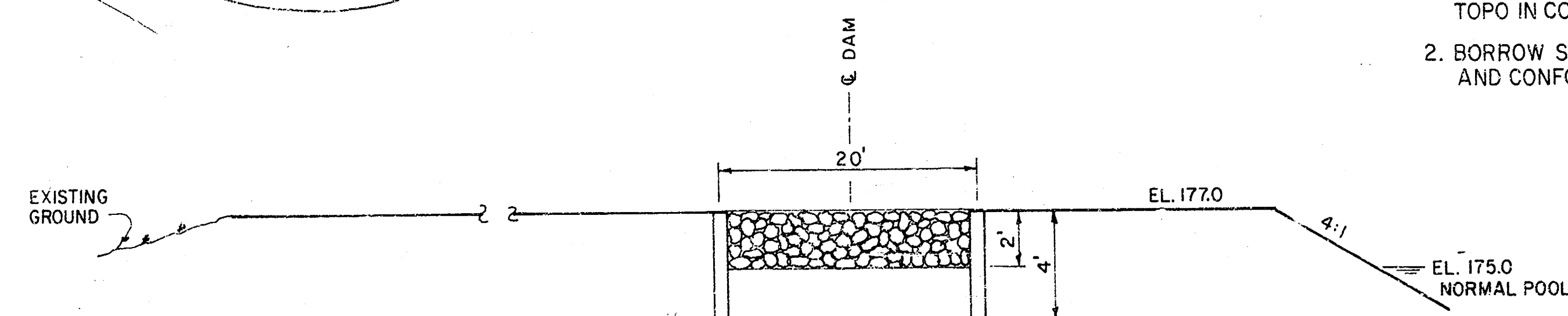
FANTASEA LAKE WICHITA, KANSAS		Design JWW
DRAINAGE AREA MAP		Drawn by MWB
		Checked by JWW
		Date June - 75
		Job no. 79-203
Van Doren - Hazard - Stallings		Sheet 7
Architects • Engineers • Planners Topeka Wichita Minneapolis		

CAPACITY DATA			
ELEVATION	SURFACE AREA ACRES	STORAGE AC. FT.	CUMULATIVE STORAGE AC. FT.
172.0	4.07	3	0
176.0	4.41	5	4
177.0	4.75	5	9
178.0	5.15	6	14
179.0	5.62	6	19
180.0	6.21	7	25
181.0	7.21	8	32
182.0	8.18	9	39
183.0	10.19	12	46
184.0	14.20	12	60

(1000 W, 1000 S)



TYPICAL DAM CROSS SECTION



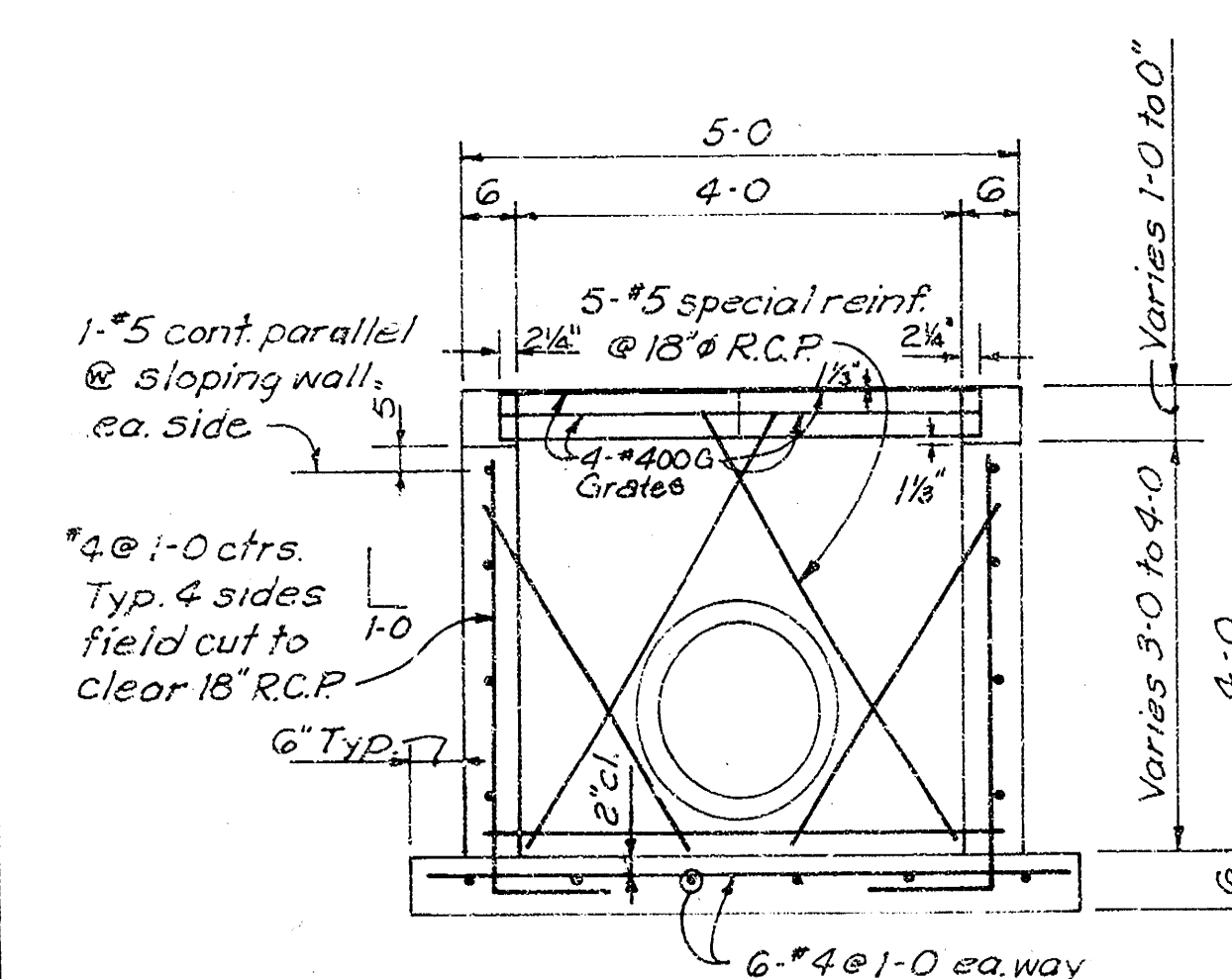
EMERGENCY SPILLWAY PROFILE

- NOTES:**
1. SEE ATTACHED CROSS-SECTIONS FOR UPDATED TOPO IN CONSTRUCTION AREA.
 2. BORROW SHALL BE TAKEN FROM THE LAKE AREA AND CONFORM TO THE GENERAL OUTLINE SHOWN.

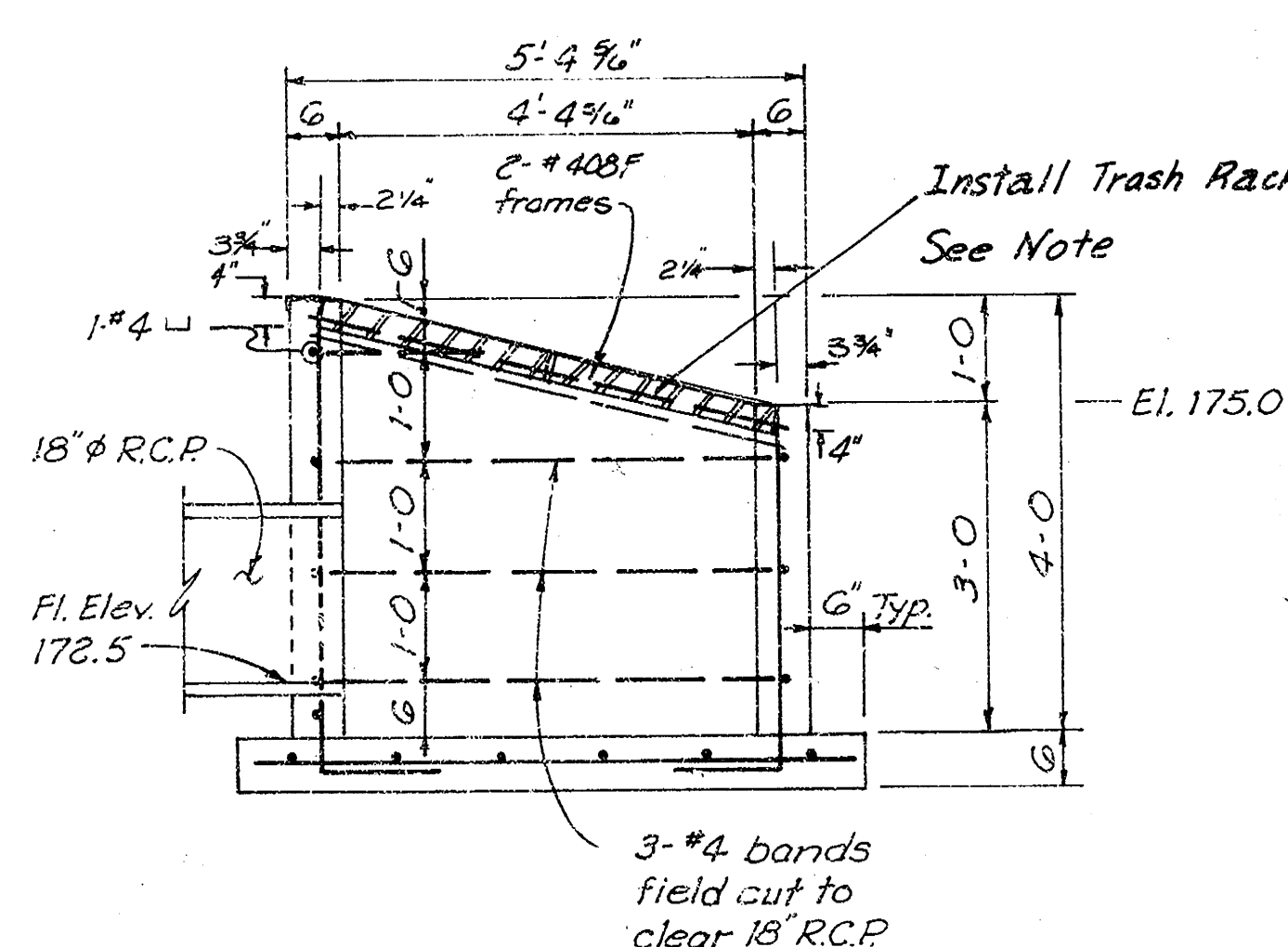
LEGEND
 SOIL BORING
 NEW CONTOURS

FANTASEA LAKE WICHITA, KANSAS		Design JWW
SITE PLAN		Drawn by MWB
		Checked by JWW
Date June - 79		Job no 79-203
Van Doren - Hazard - Stallings		Sheet 3/7
Architects • Engineers • Planners Topeka Wichita Minneapolis		

FANTASEA LAKE
WICHITA, KANSAS
SECTIONS & DETAILS



ELEVATION

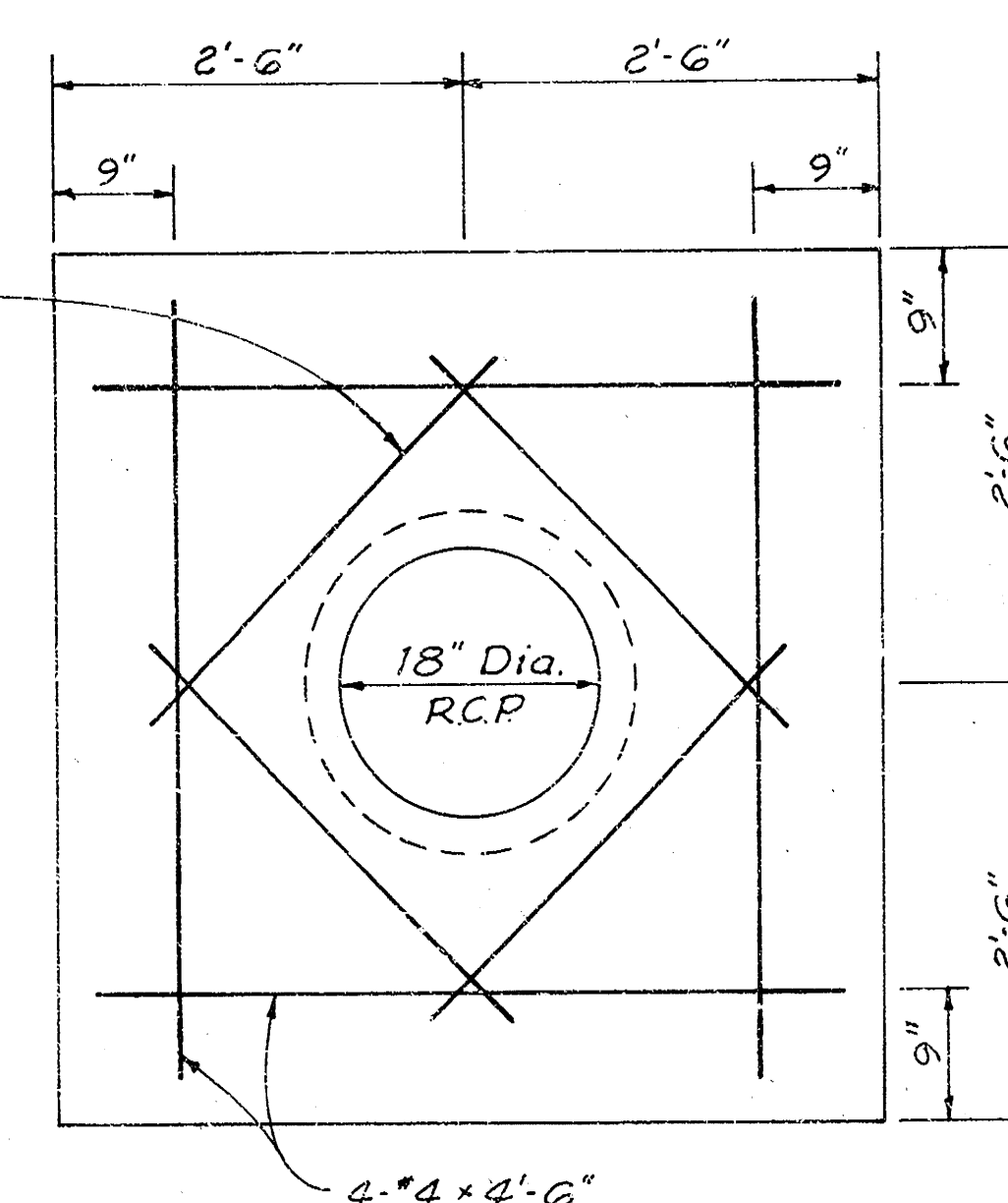


SECTION

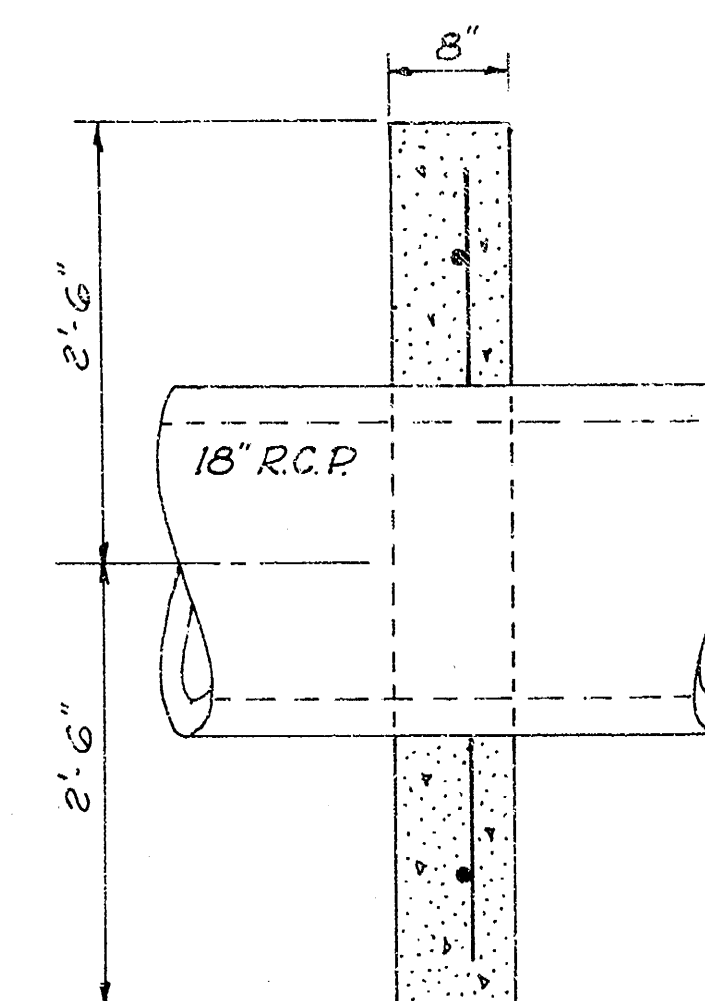
INLET BOX DETAILS

Scale None

Note: Trash Rack
Use Western Iron & Foundry Co., Inc.
cast iron frame & grate - frame -
#408 F grate - 400 G or approved
equal, 2 frames & 4 grates needed
for this Inlet Box.



ELEVATION

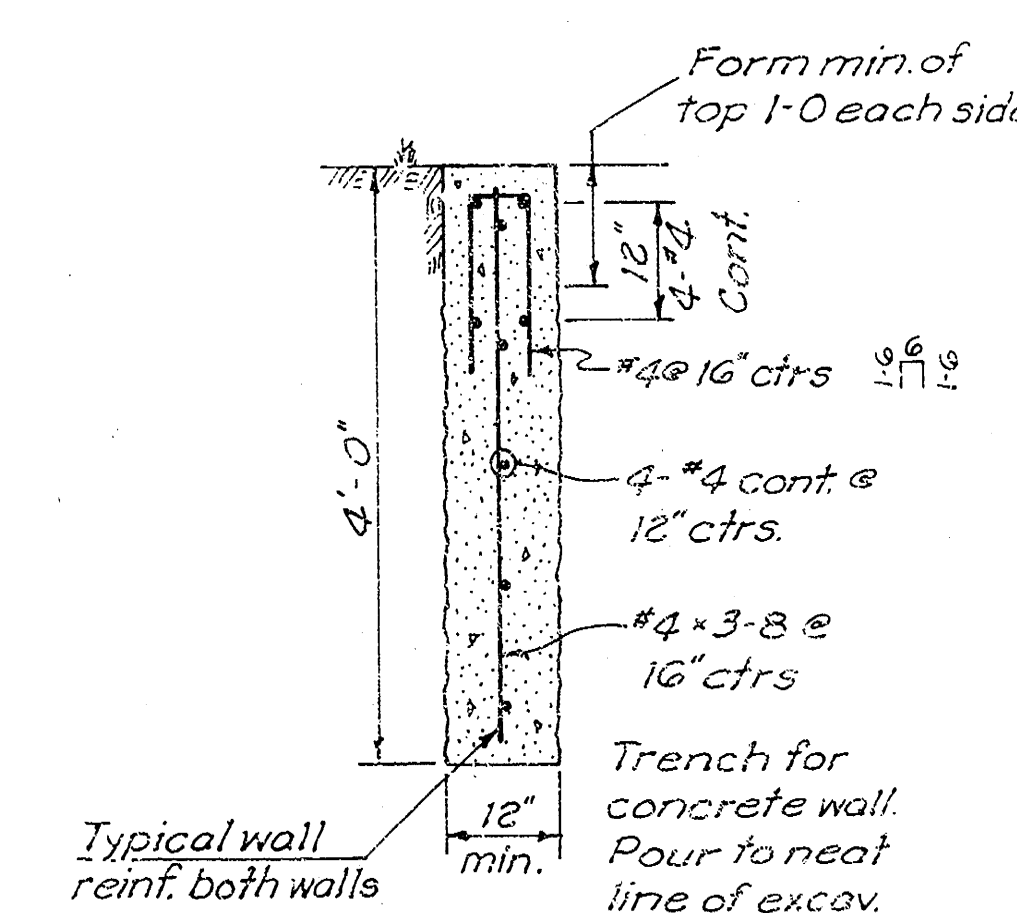


SECTION

CONCRETE CUT-OFF COLLAR

Scale None

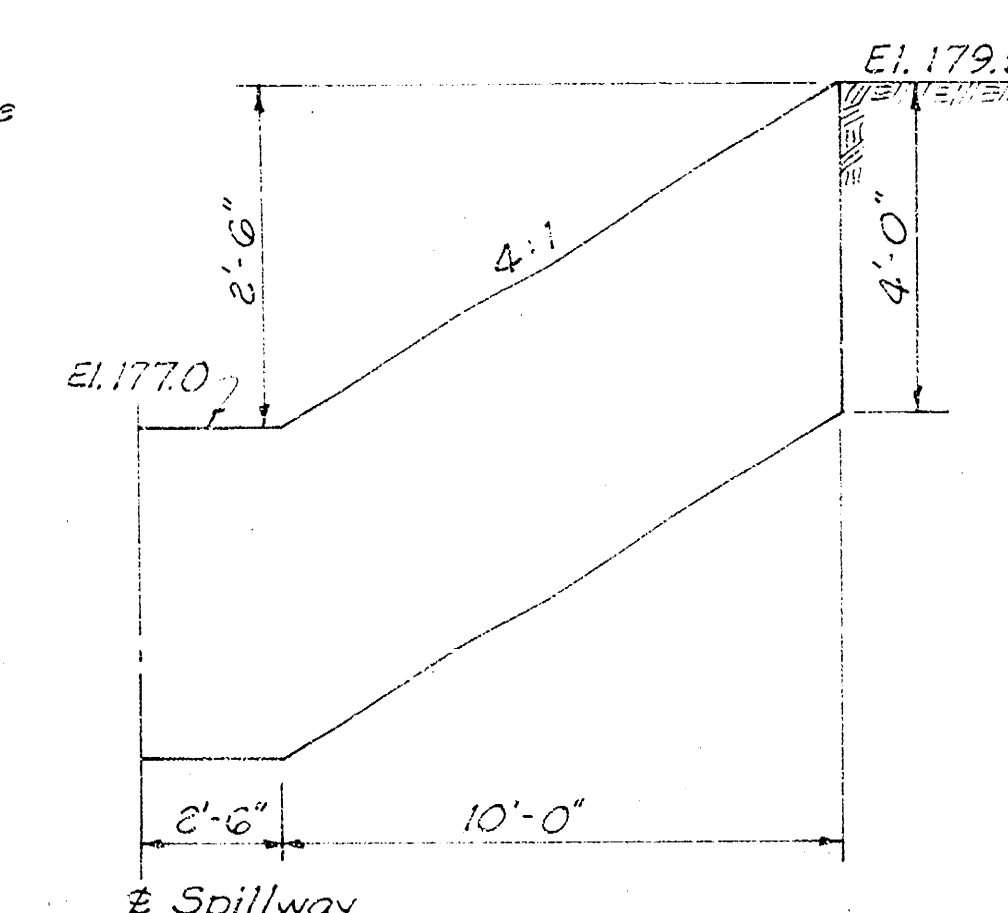
NOTE: Form above top of pipe,
trench below.



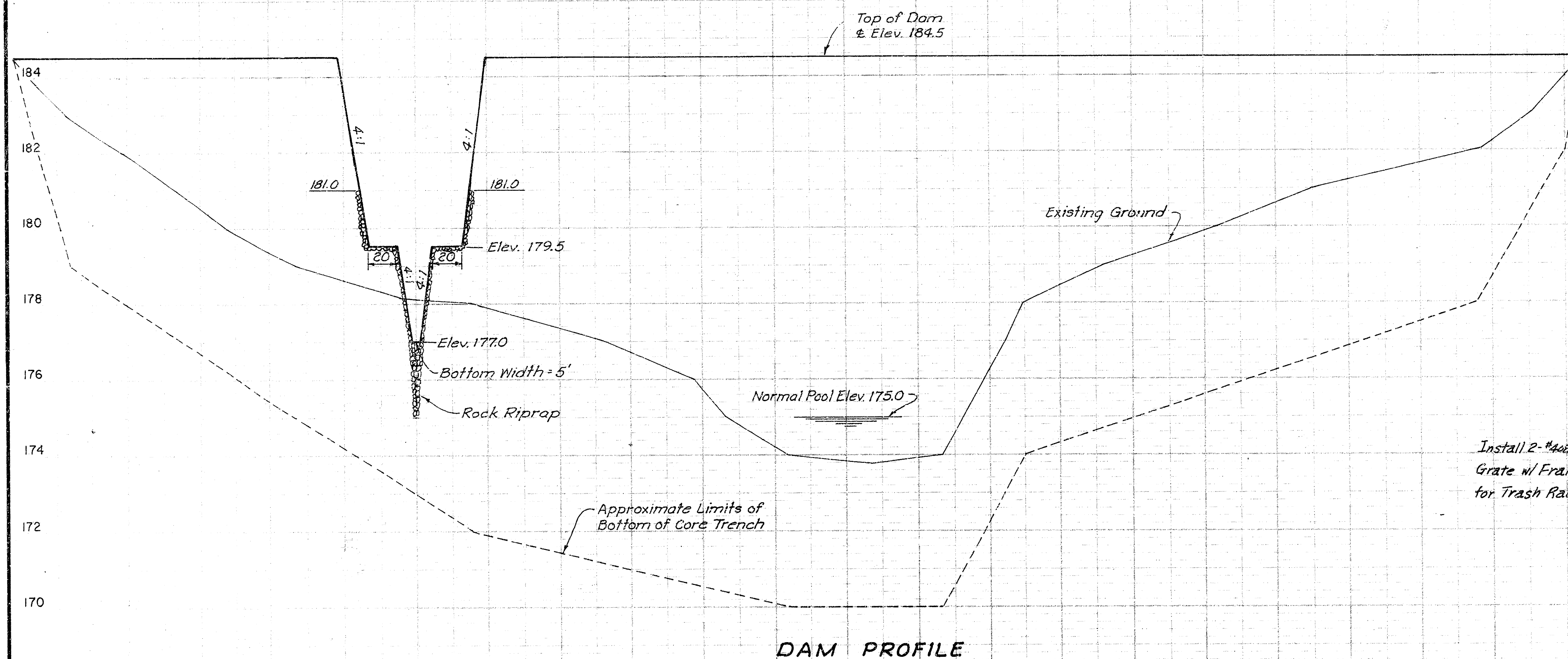
SECTION

EMERGENCY SPILLWAY CONTROL

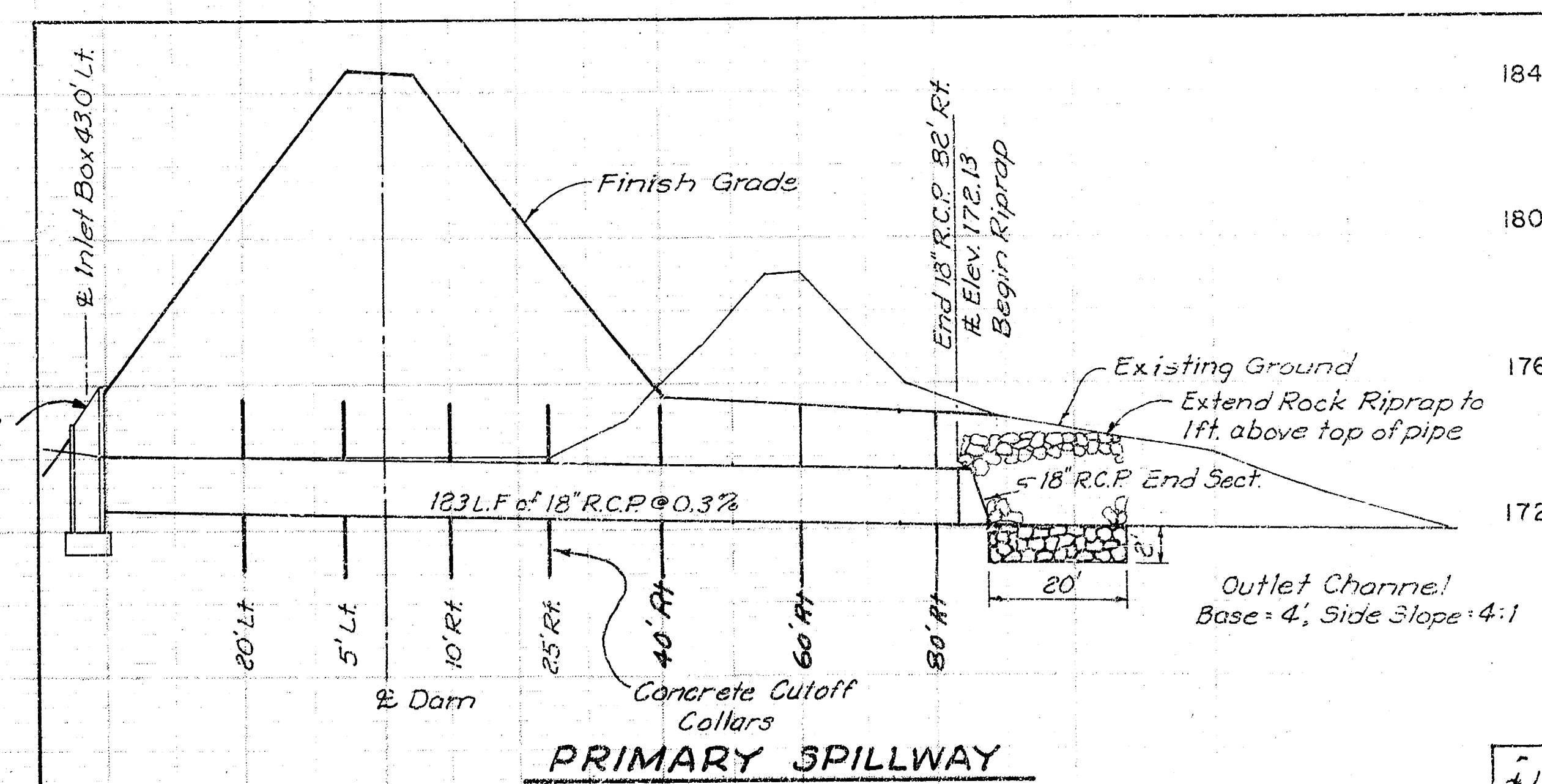
Scale None



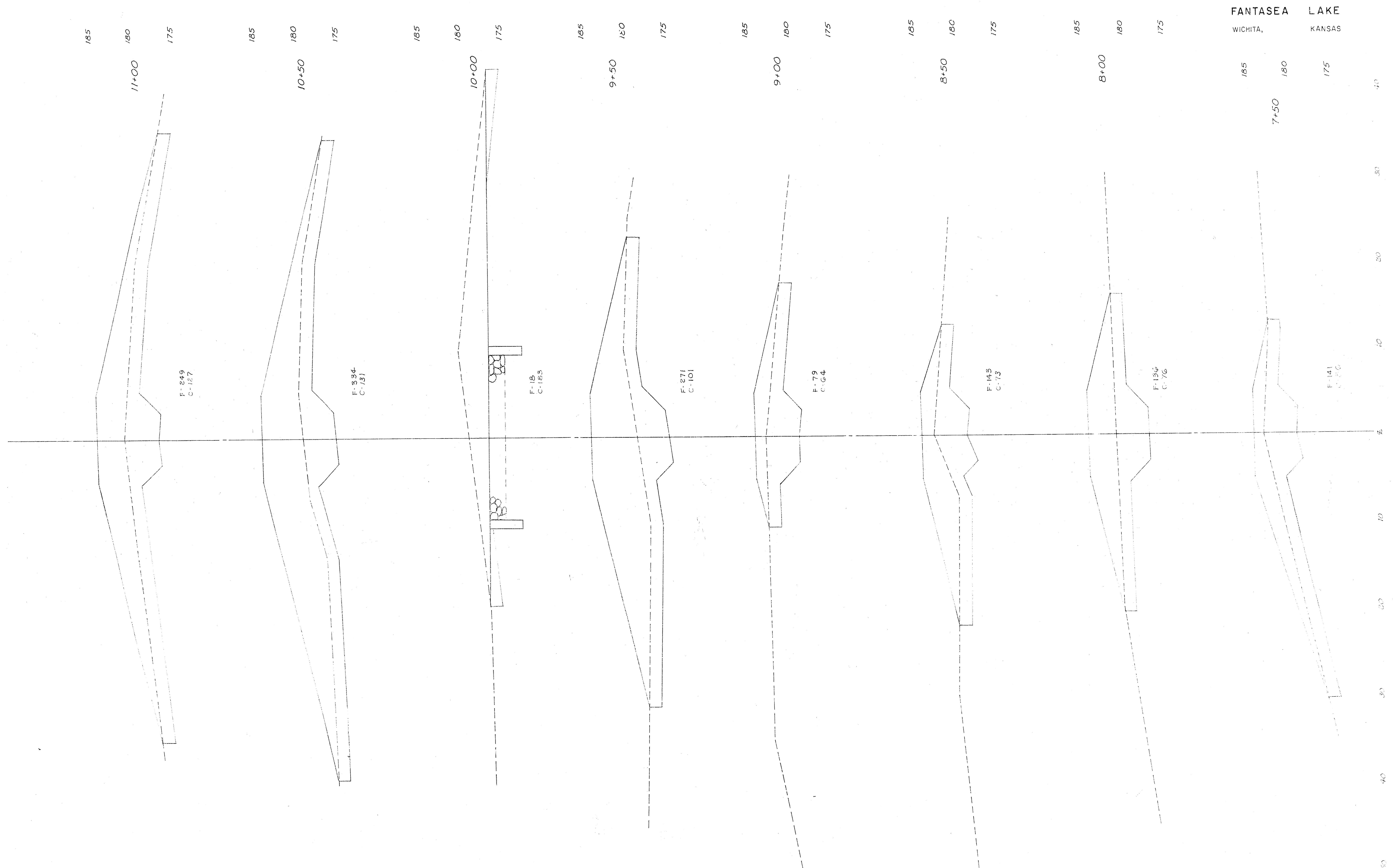
HALF ELEVATION



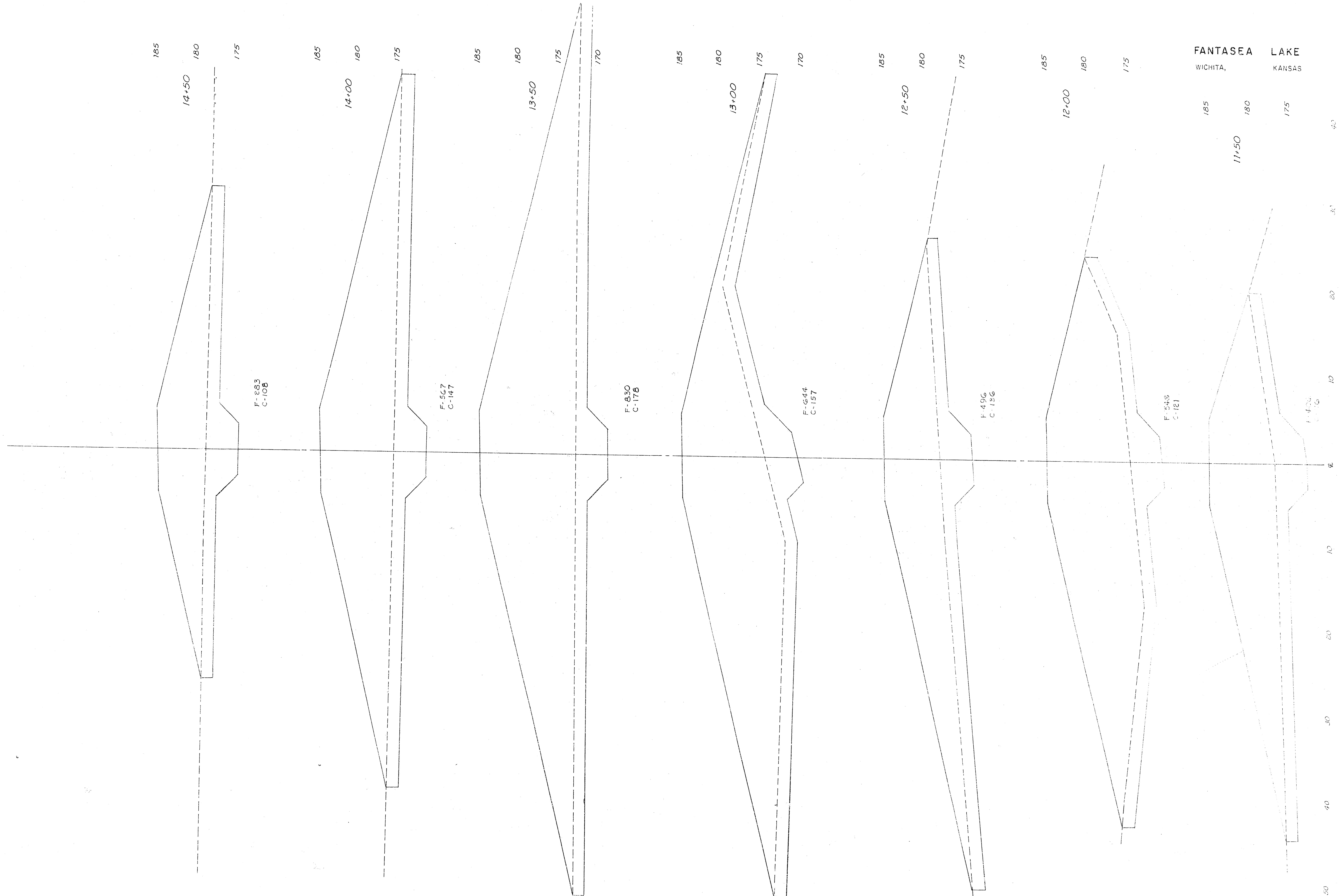
DAM PROFILE



PRIMARY SPILLWAY



FANTASEA LAKE
WICHITA, KANSAS



FANTASEA LAKE
WICHITA, KANSAS

185 180 175
11+50

FANTASEA LAKE
WICHITA, KANSAS

