

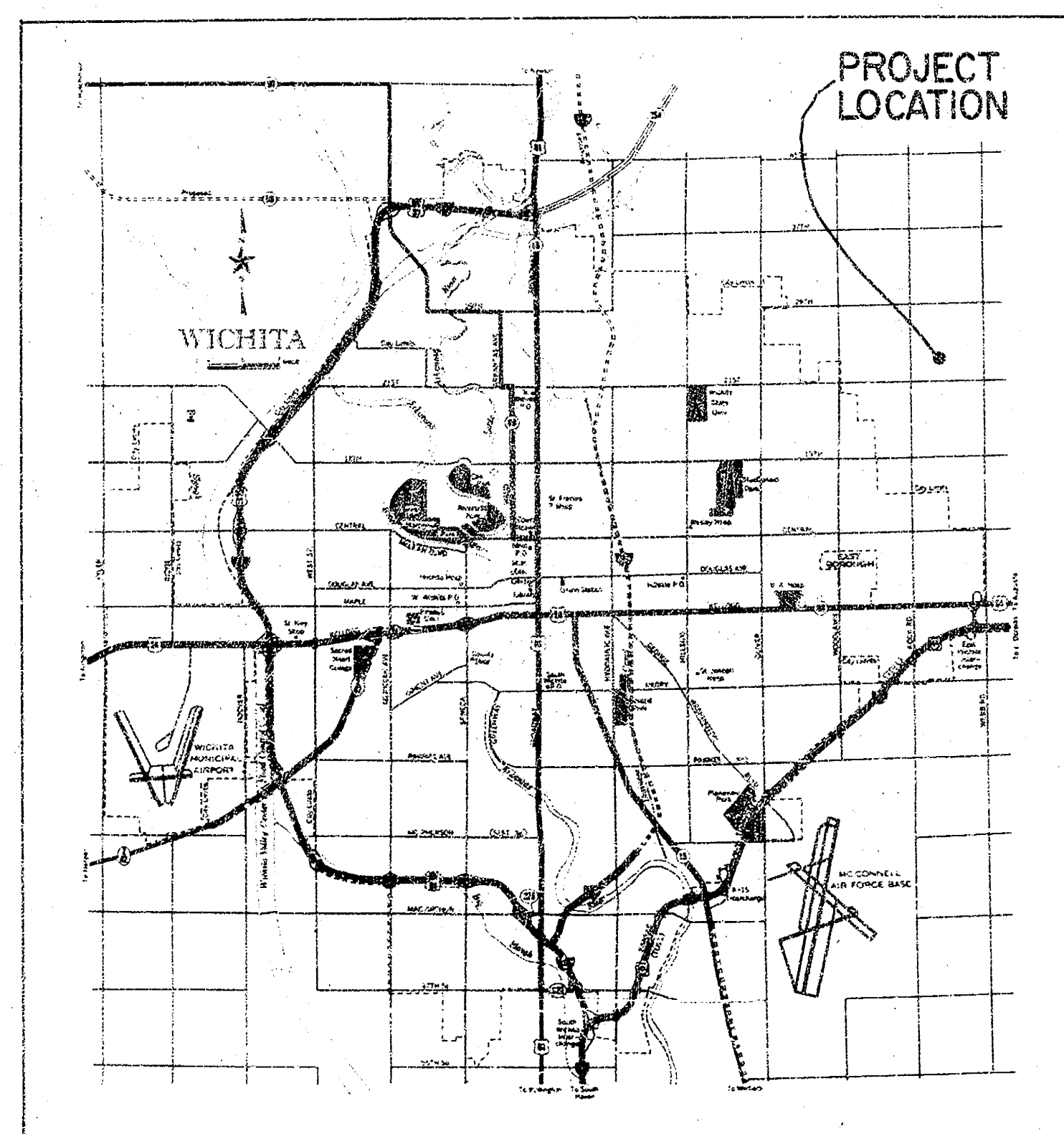
PROJECT NO. 468-76-245-81094-000-000-001

**TALLGRASS FLOODWATER
DETENTION RESERVOIR
CONTROL STRUCTURE NO. II**

**IN
TALLGRASS**

**FOR THE CITY OF
WICHITA, KANSAS**
R. W. BRUGGEMAN, CITY ENGINEER

MARCH 1981



LOCATION MAP

INDEX TO DRAWINGS

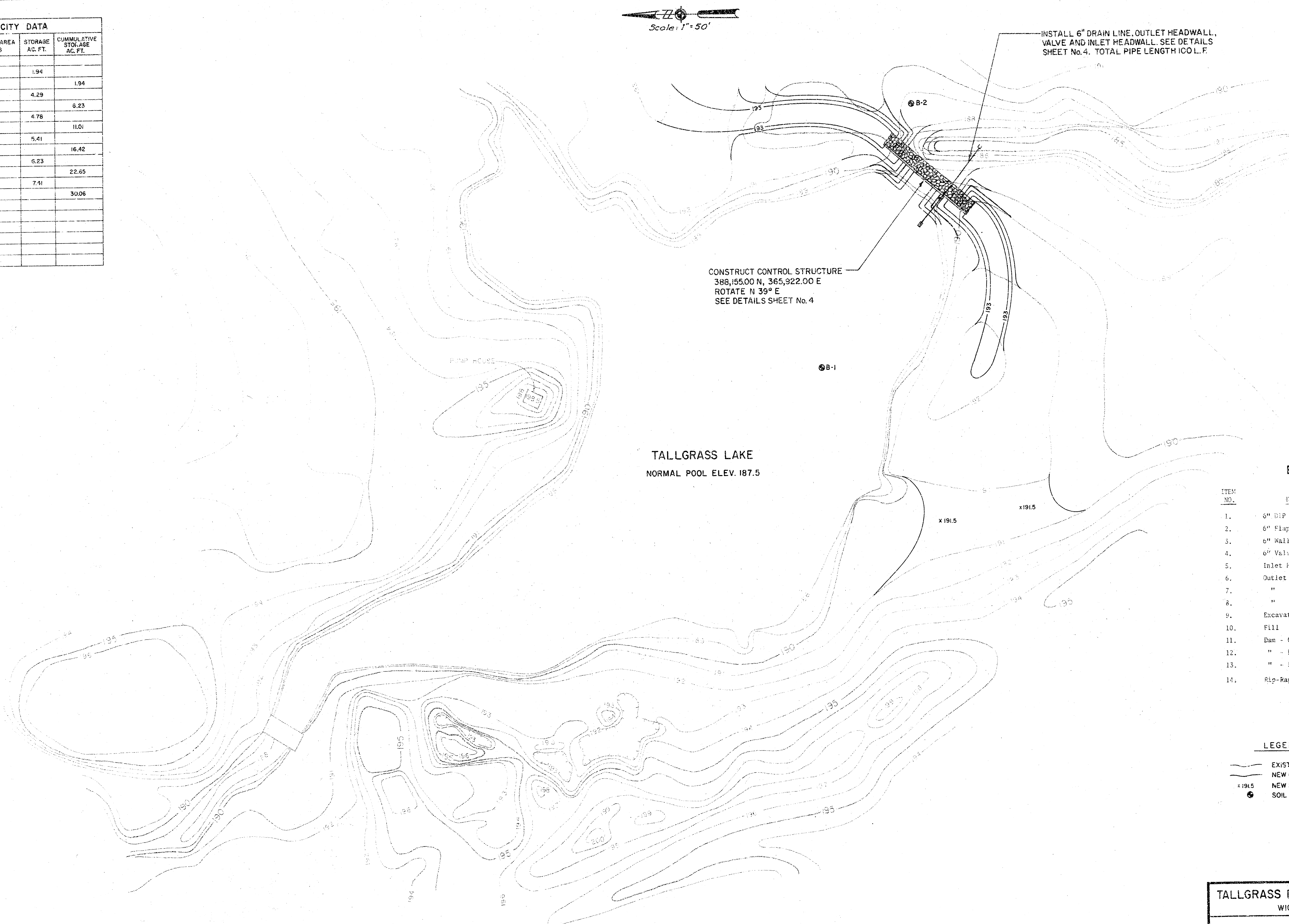
- 1 COVER SHEET
- 2 DRAINAGE AREA MAP
- 3 SITE PLAN
- 4 DETAILS

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

Job No. 79-234



CAPACITY DATA			
ELEVATION	SURFACE AREA ACRES	STORAGE AC. FT.	CUMULATIVE STORAGE AC. FT.
187.5	3.70	1.94	
188.0	4.07	4.29	1.94
189.0	4.51	4.78	6.23
190.0	5.05	5.41	11.01
191.0	5.77	6.23	16.42
192.0	6.68	7.11	22.85
193.0	8.14		30.06



TALLGRASS LAKE
NORMAL POOL ELEV. 187.5

ESTIMATED QUANTITIES

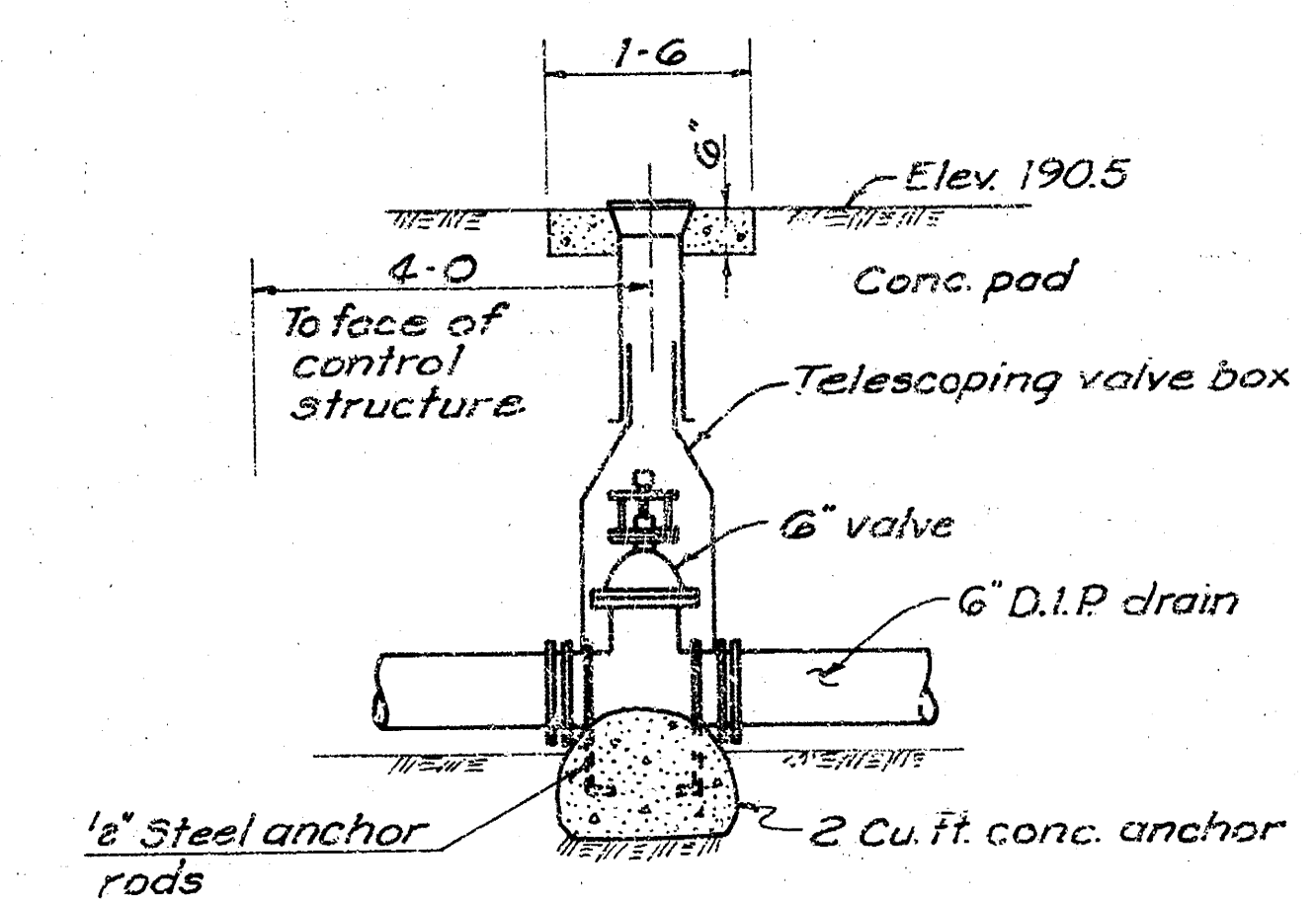
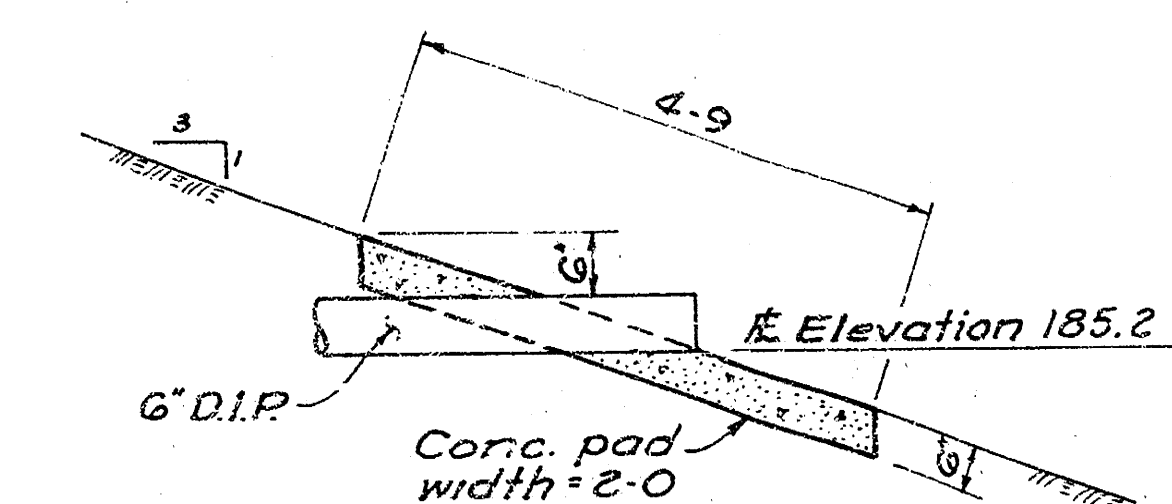
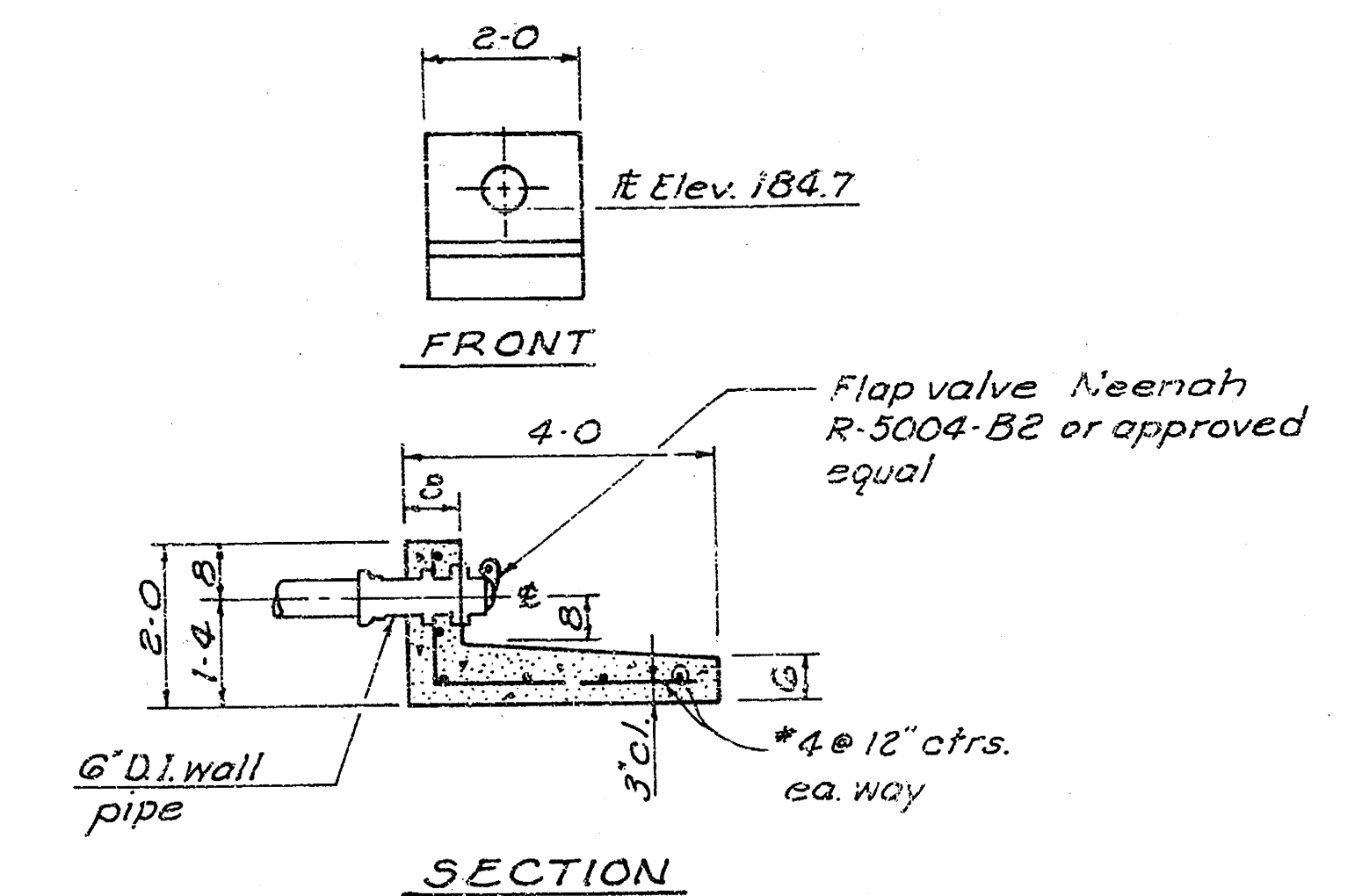
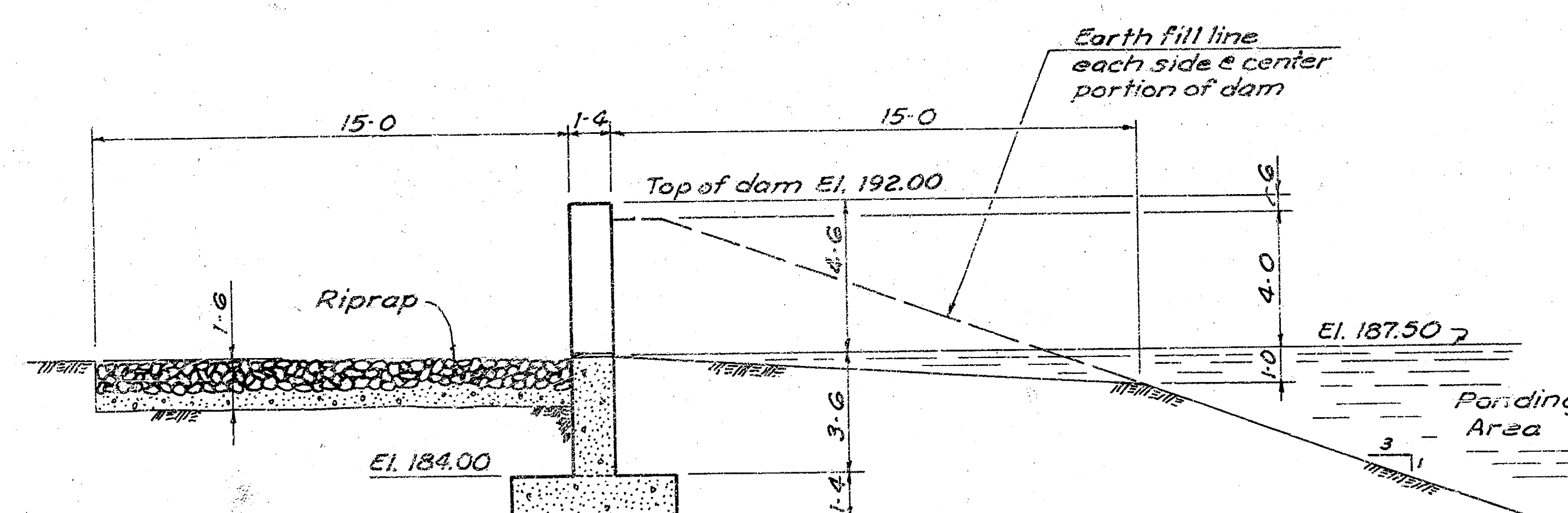
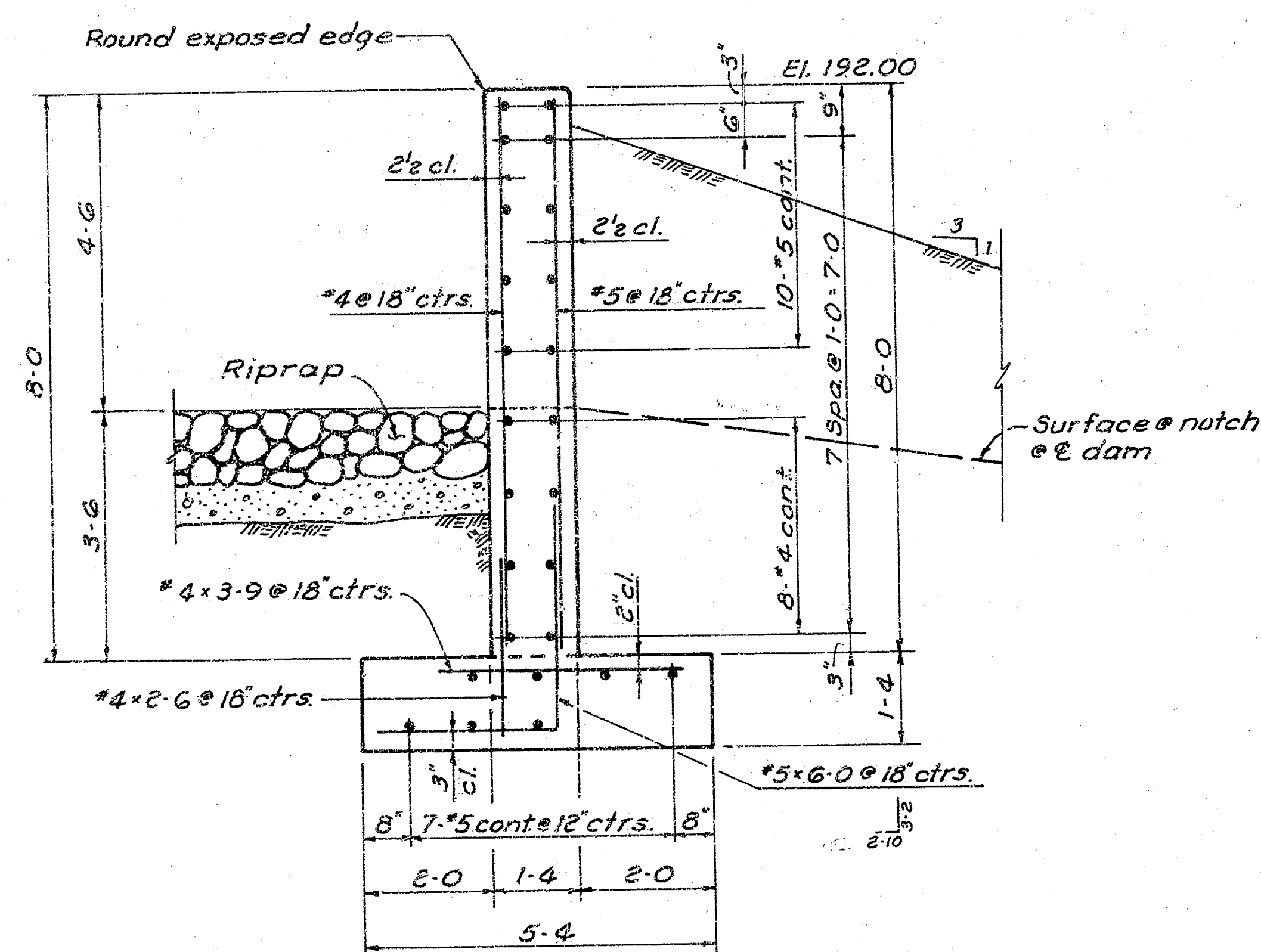
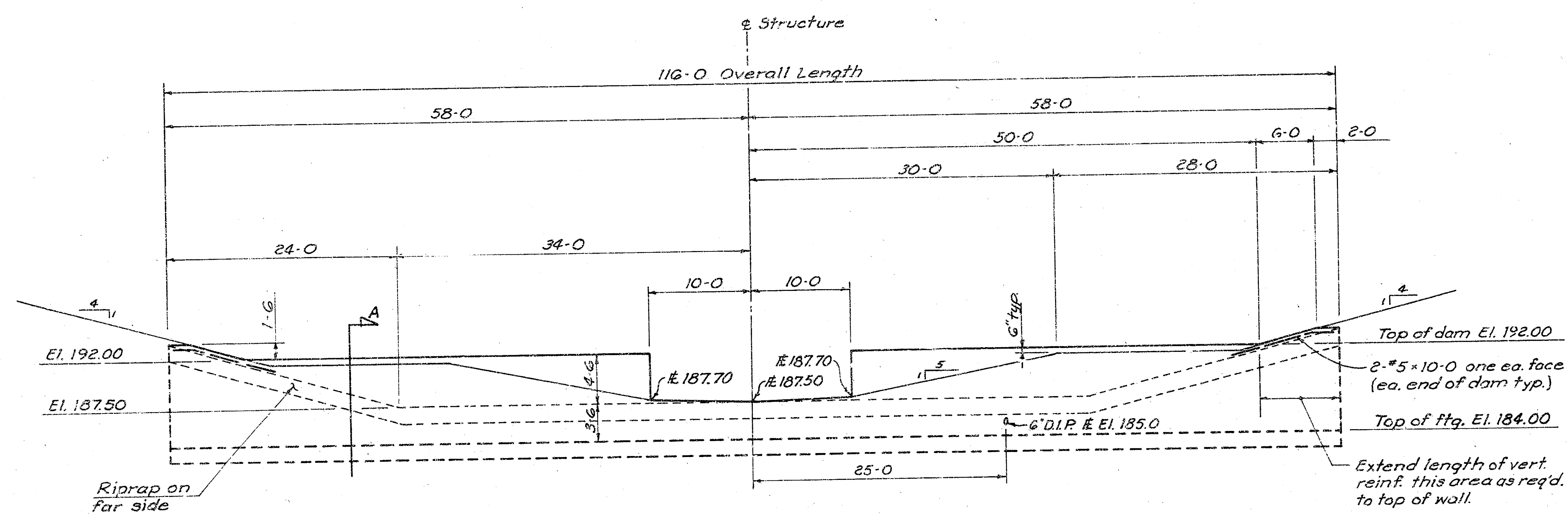
ITEM NO.	DESCRIPTION	UNIT	AMOUNT
1.	6" DIP Drain Line	L.F.	100
2.	6" Flap Gate	Each	1
3.	6" Wall Pipe	Each	1
4.	6" Valve & Valve Box	Each	1
5.	Inlet Headwall - Concrete	C.Y.	0.18
6.	Outlet Headwall - Concrete	C.Y.	0.34
7.	" " - Reinf.	Lbs.	15
8.	" " - Forms	S.F.	13
9.	Excavation	C.Y.	0
10.	Fill	C.Y.	1200
11.	Dam - Concrete	C.Y.	73.0
12.	" - Reinf.	Lbs.	3945
13.	" - Forms	S.F.	1836
14.	Rip-Rap	C.Y.	95.7

LEGEND

- EXISTING CONTOURS
- NEW CONTOURS
- 191.5 NEW SPOT ELEVATION
- SOIL BORING

TALLGRASS DETENTION RESERVOIR WICHITA, KANSAS		Design JWW
SITE PLAN		Drawn by MWB
		Checked by JWW
		Date March 1961
		Job no. 79-234
 Van Doren Hazard Stallings Architects • Engineers • Planners Topeka • Wichita • Minneapolis • Kansas City		Sheet 3/4
		of 4

B.M. SPIKE STEP IN W. FACE 2nd ELEC.
LINE POLE E. OF W. 1/4 COR. SEC. 5
ELEV. 208.02



TALLGRASS DETENTION RESERVOIR WICHITA, KANSAS		Design: J.W. Drawn by: MWD Checked by: JWW Date: March 1981 Job no.: 79-234
DETAILS		
		Sheet $\frac{4}{4}$ Architects • Engineers • Planners Topeka • Wichita • Minneapolis