

NORTH WICHITA INDUSTRIAL PARK STORM DRAINAGE IMPROVEMENTS

FOR THE CITY OF:

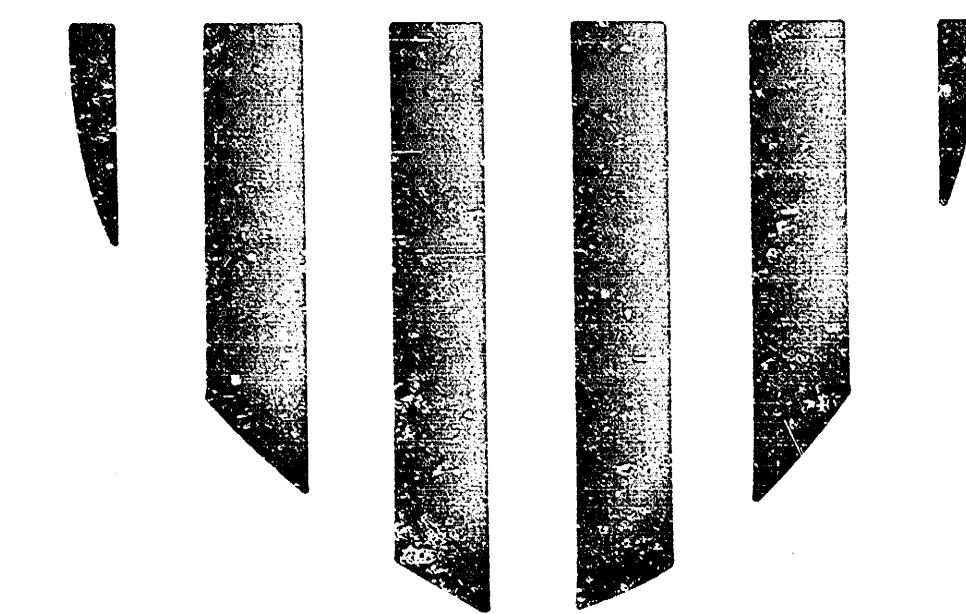
WICHITA, KANSAS

PART I & PART III CONSTRUCTION

INDEX TO DRAWINGS

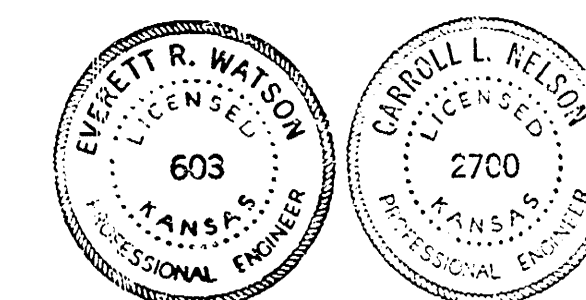


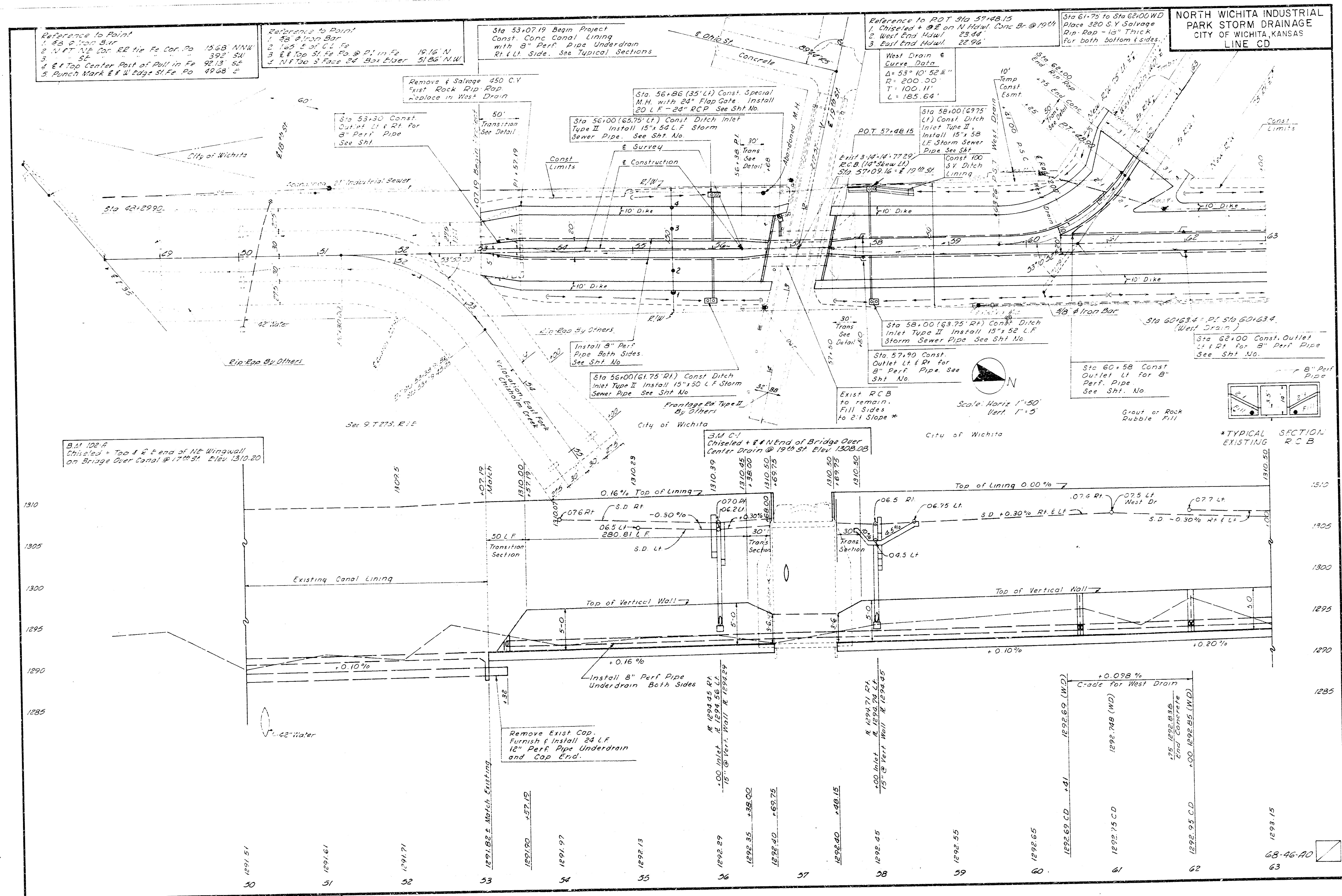
ALL-AMERICA CITY

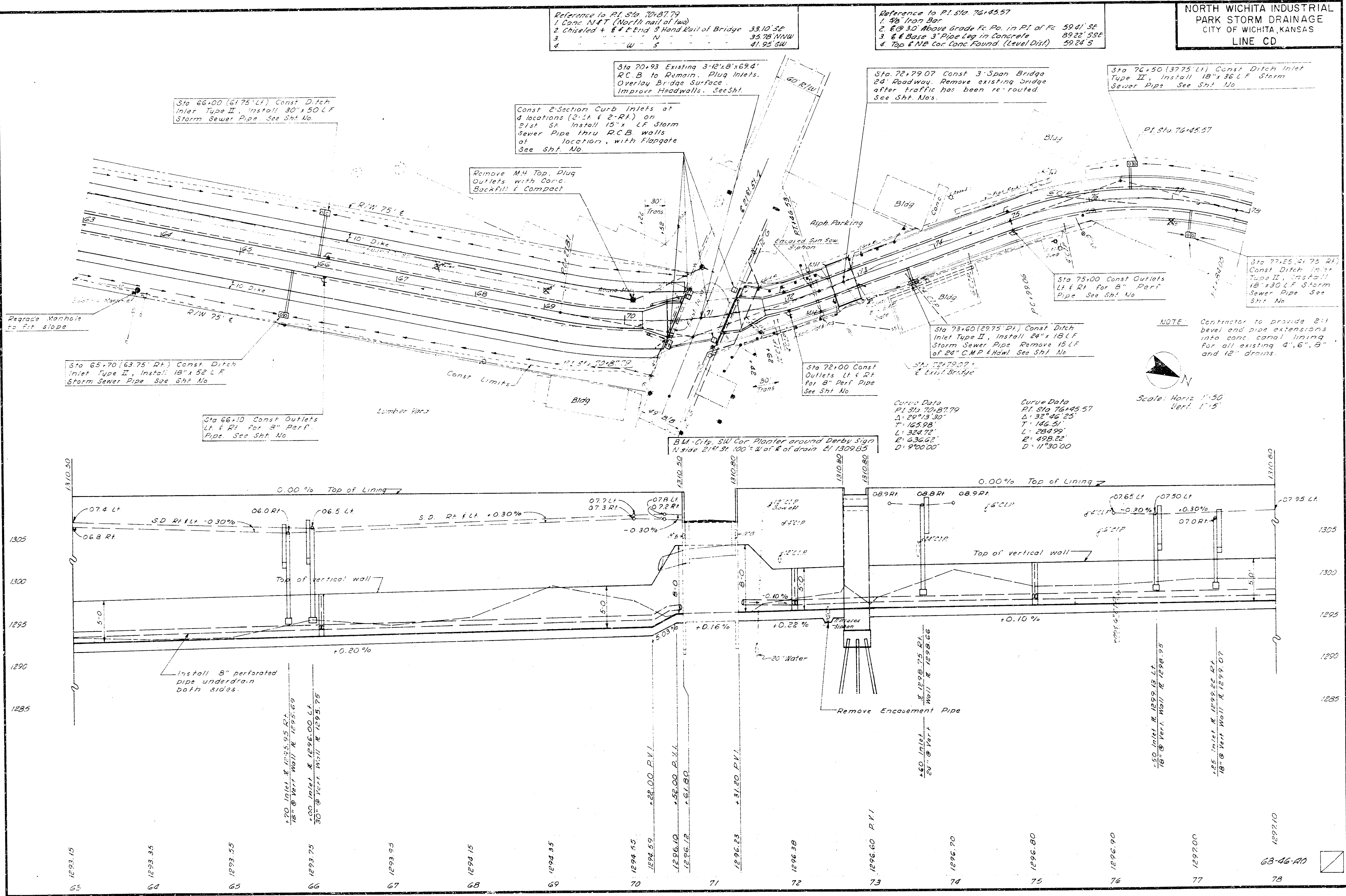


Van Doren • Hazard • Stallings • Schnacke
Engineers • Architects
Topeka, Kansas

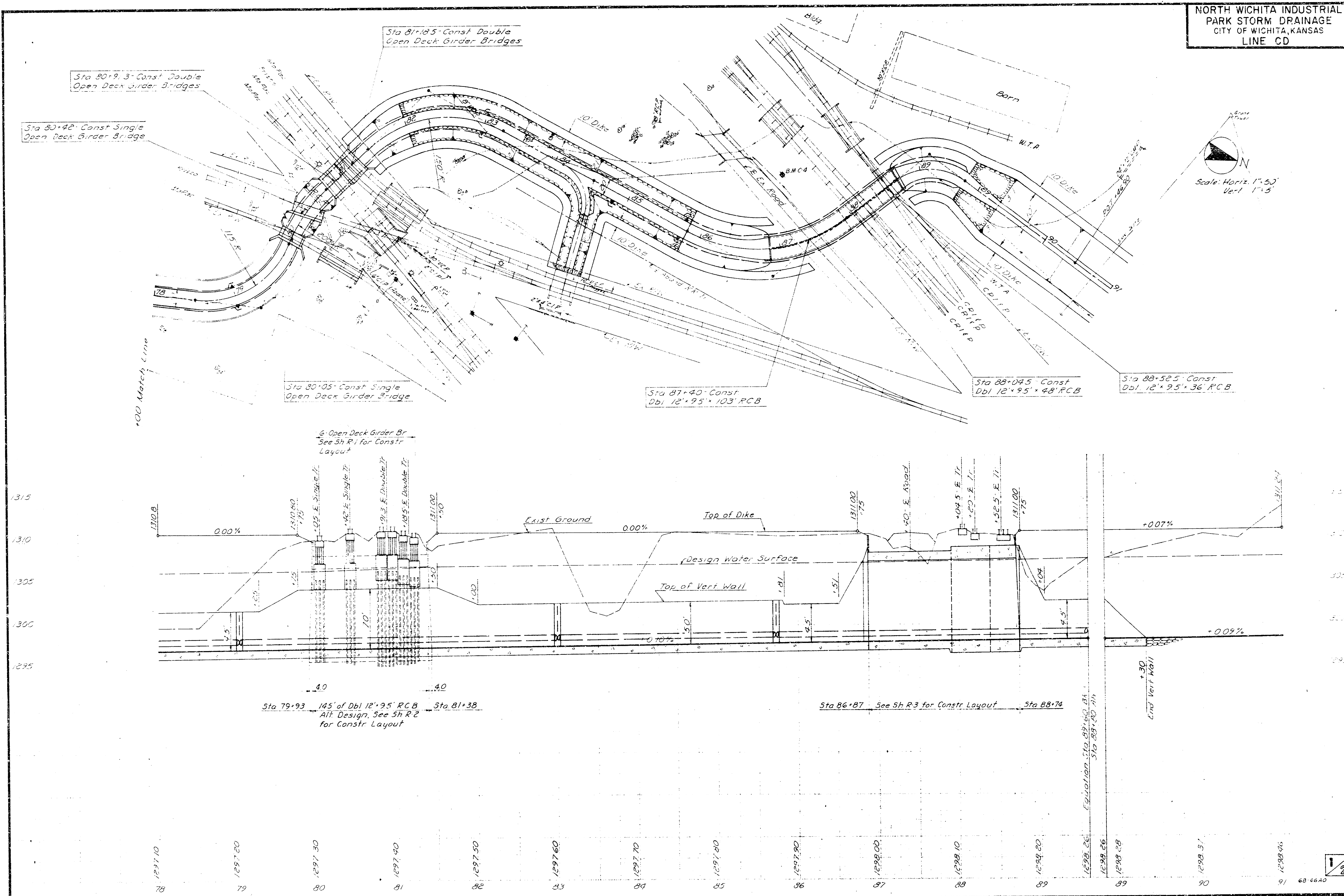
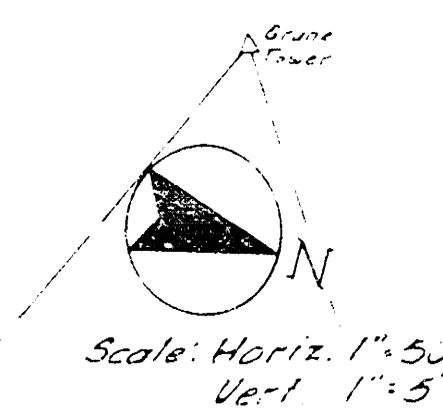
Job no. 068 • 46 • AO

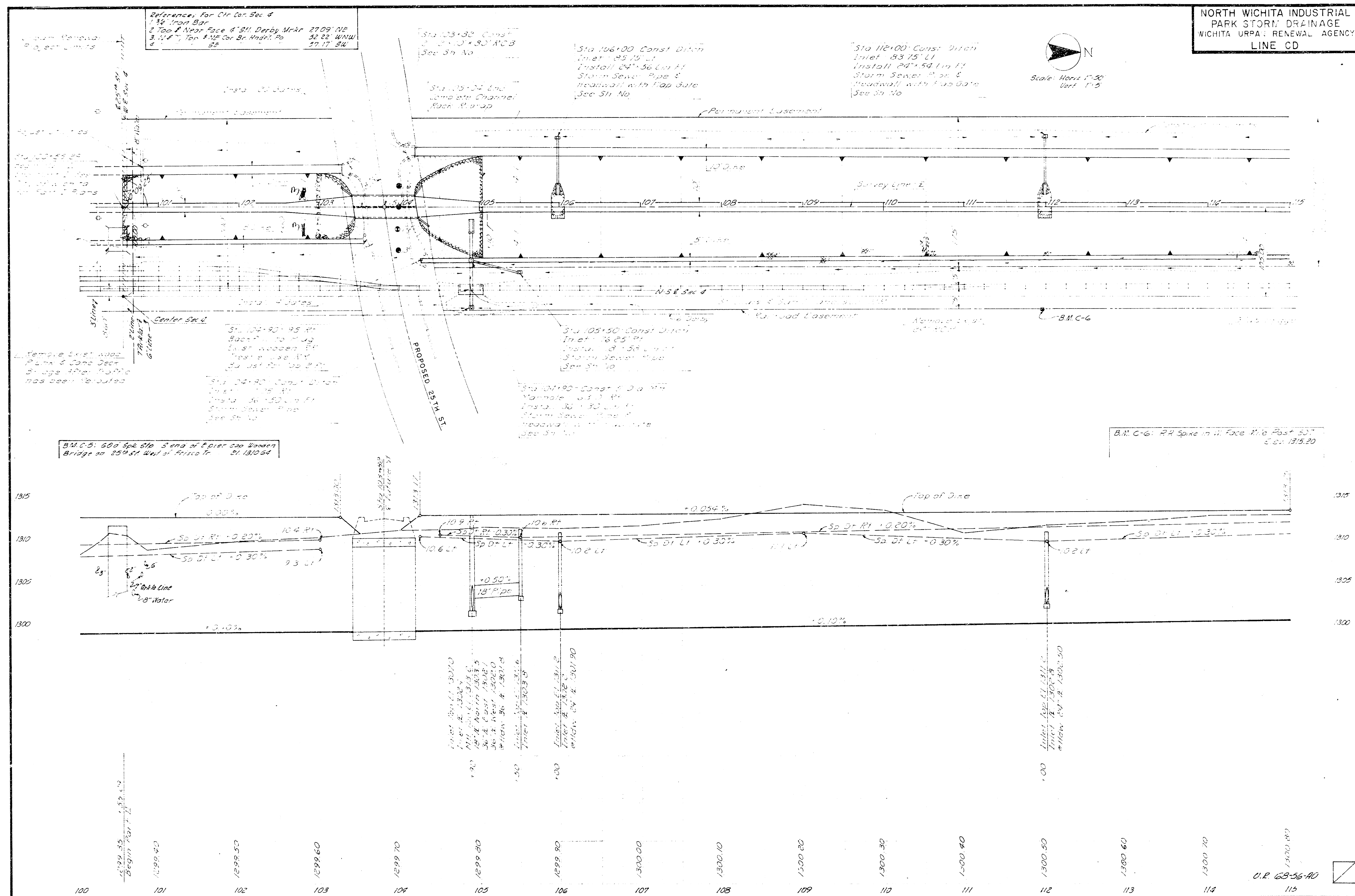


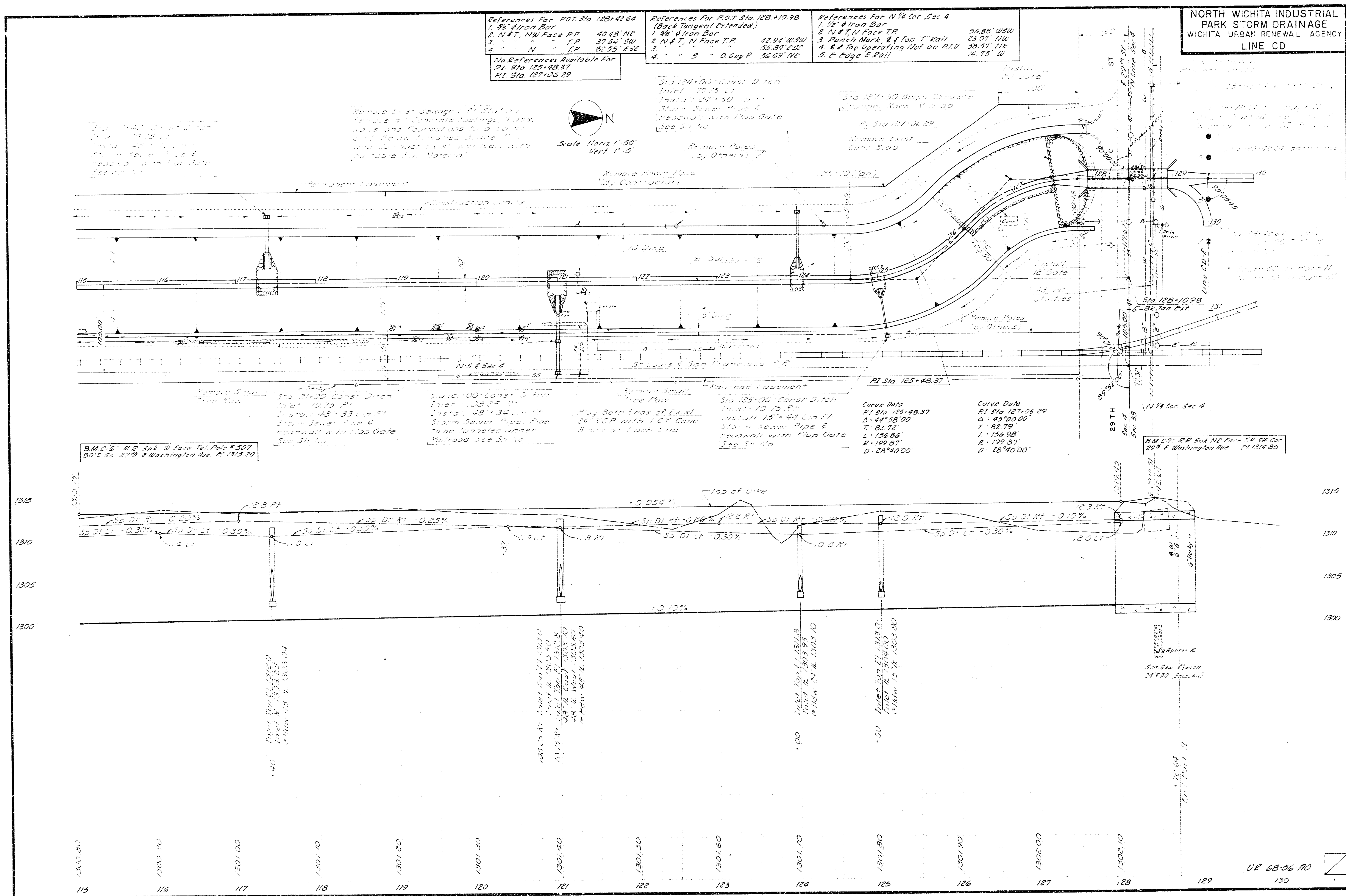




NORTH WICHITA INDUSTRIAL
PARK STORM DRAINAGE
CITY OF WICHITA, KANSAS
LINE CD







NORTH WICHITA INDUSTRIAL PARK STORM DRAINAGE CITY OF WICHITA, KANSAS LINE CD

Scale: Horiz. 1"=50' Vert. 1"=5'

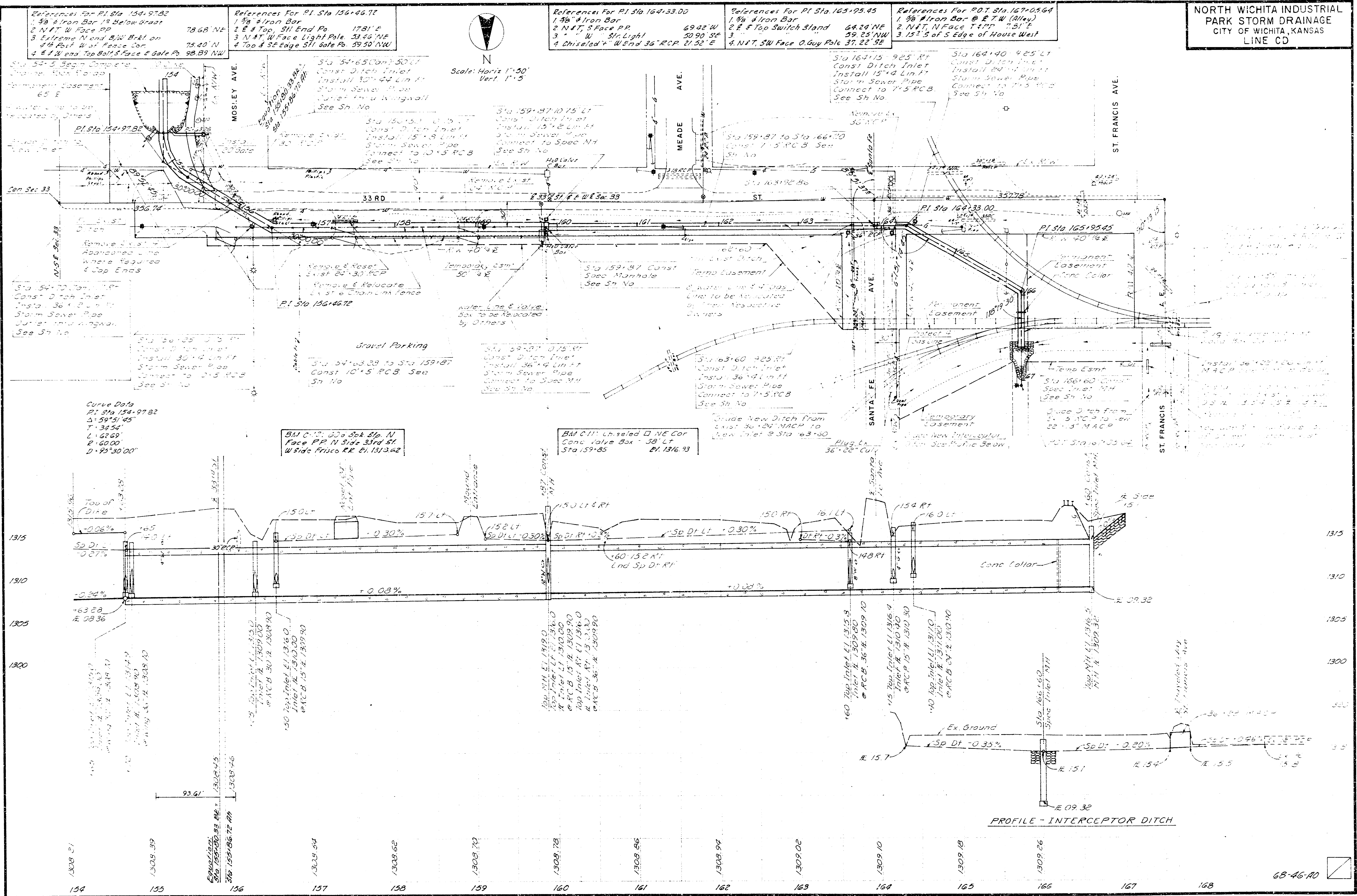
Stationing: 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154

Elevations: 1305.09, 1305.38, 1305.57, 1305.81, 1306.05, 1306.29, 1306.53, 1306.77, 1307.01, 1307.25, 1307.49, 1307.73, 1307.97, 1308.21

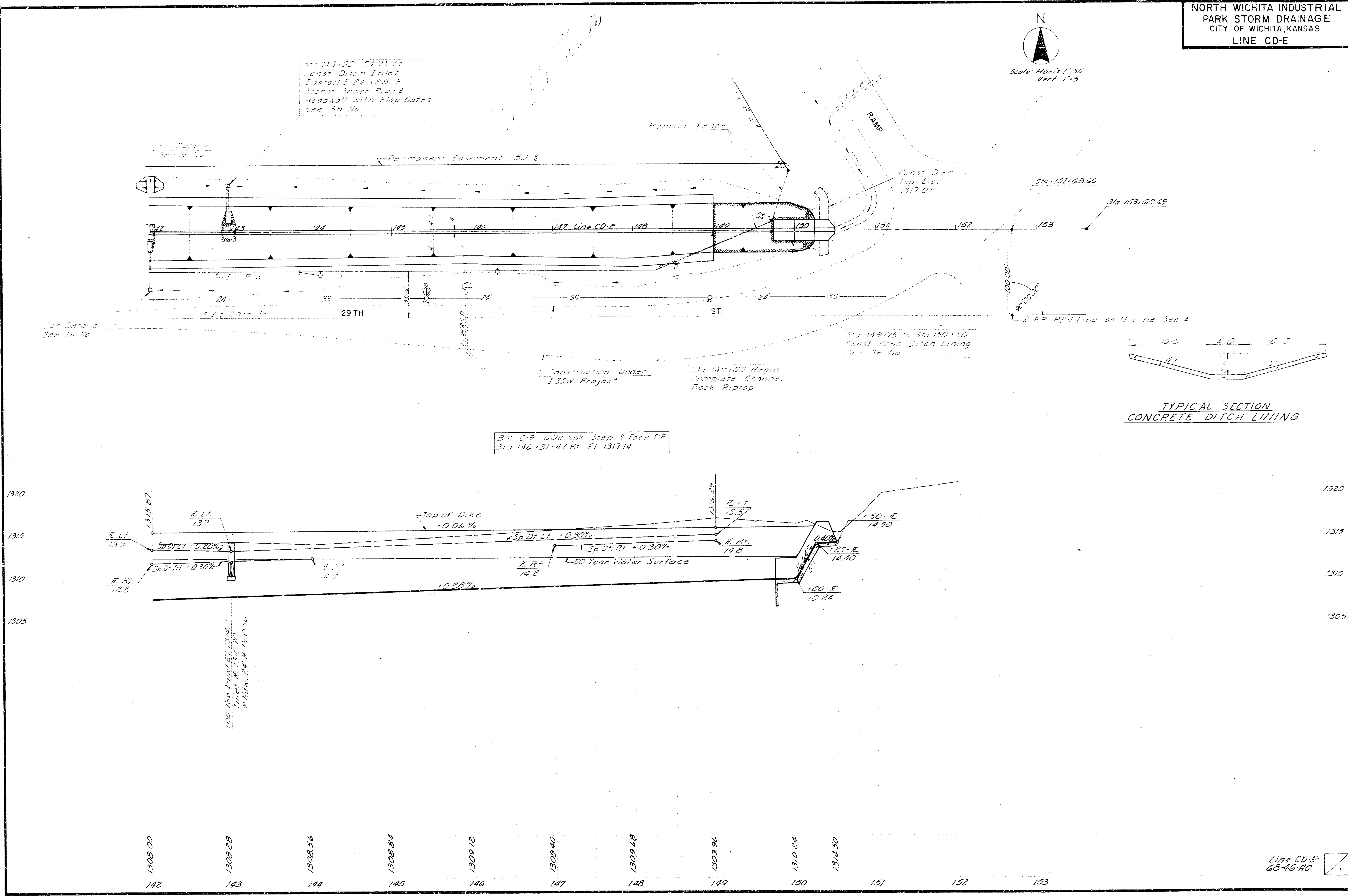
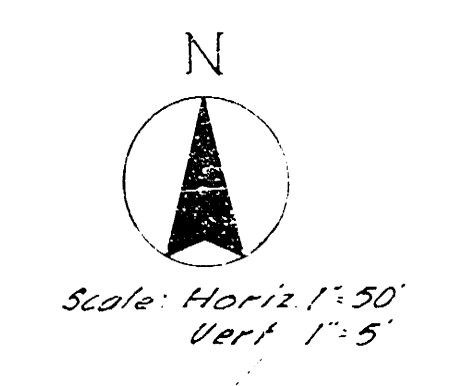
Labels: MOSLEY AVE., EXIST. R/W, Permanent Easement 65' E, Permanent Easement 65' W, Top of Dike, Ditch Inlet, Sewer Inlet, Sewer Outlet, FILL AREA DETAIL STA 146+92.00

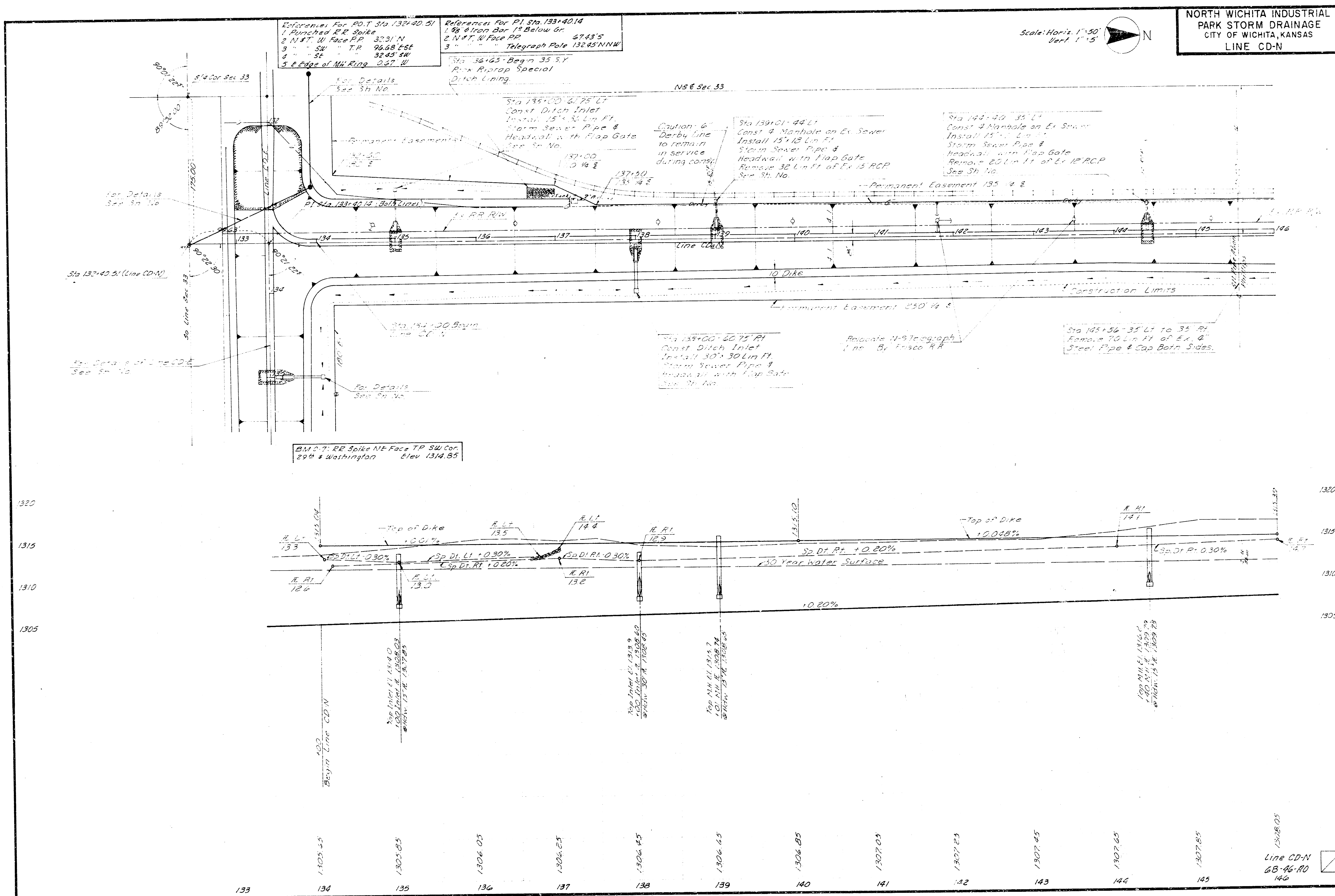
Notes: Sta 146+92.00 - 59.75' LT Const. Ditch Inlet Install 48" x 56 Lin ft Storm Sewer Pipe See Sh. No. Sta 147+00.00 - 59.75' LT Const. Ditch Inlet Install 48" x 56 Lin ft Storm Sewer Pipe See Sh. No. Sta 148+00.00 - 59.75' LT Const. Ditch Inlet Install 48" x 56 Lin ft Storm Sewer Pipe See Sh. No.

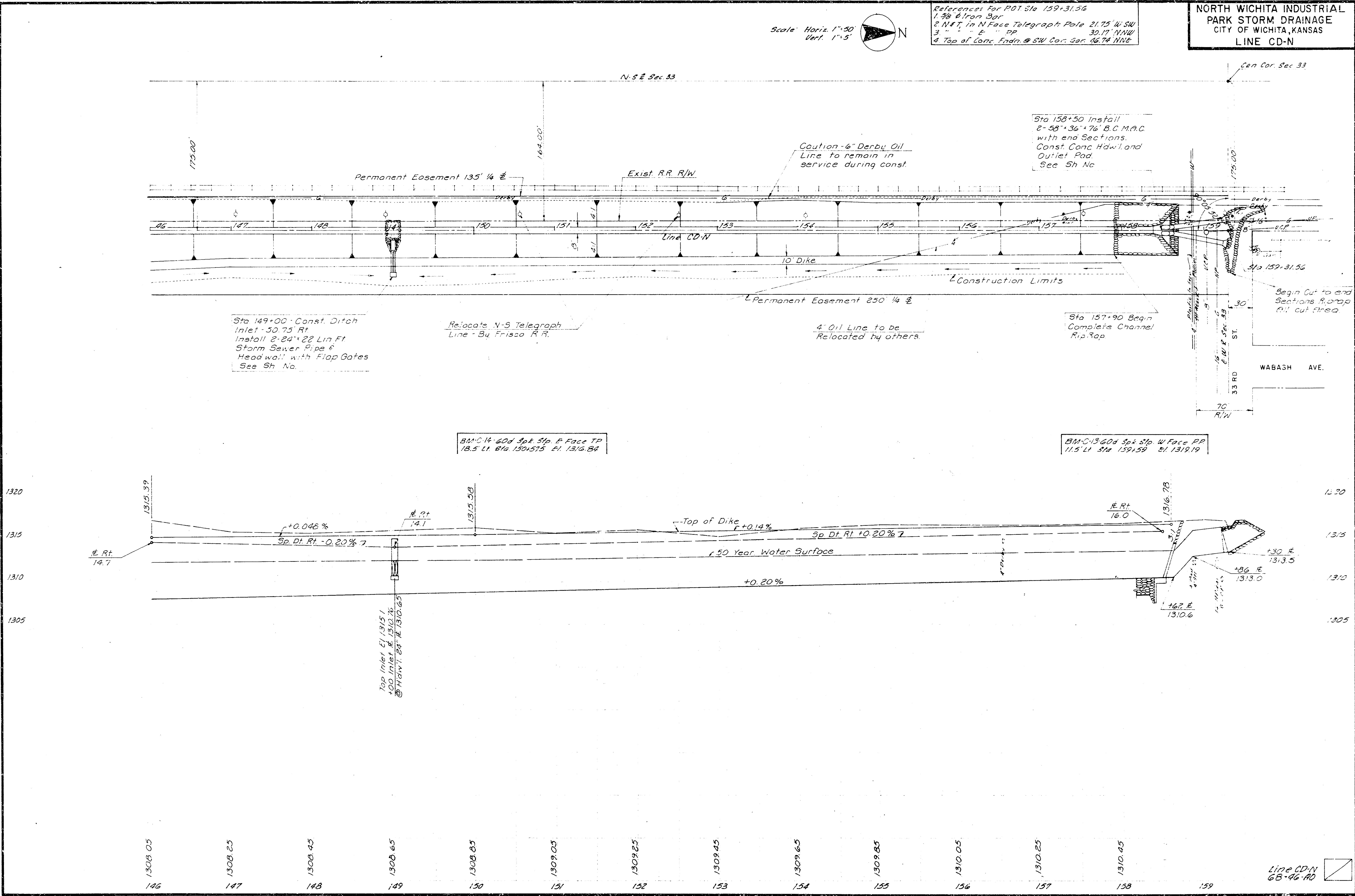
68-46-AU

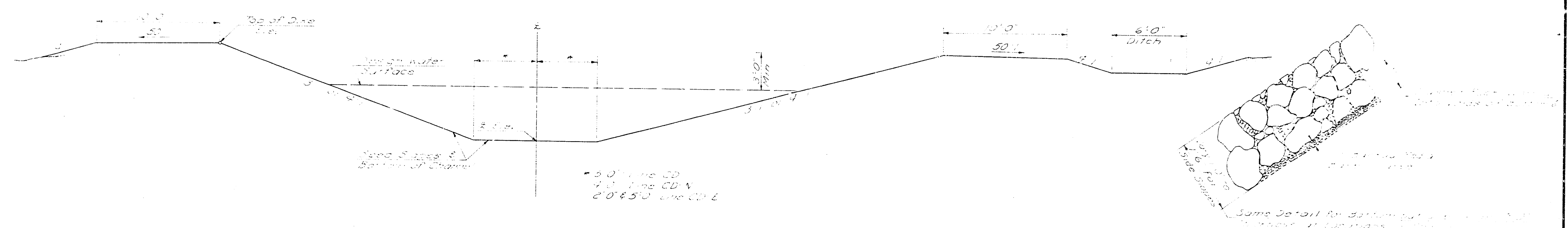


NORTH WICHITA INDUSTRIAL
PARK STORM DRAINAGE
CITY OF WICHITA, KANSAS
LINE CD-E



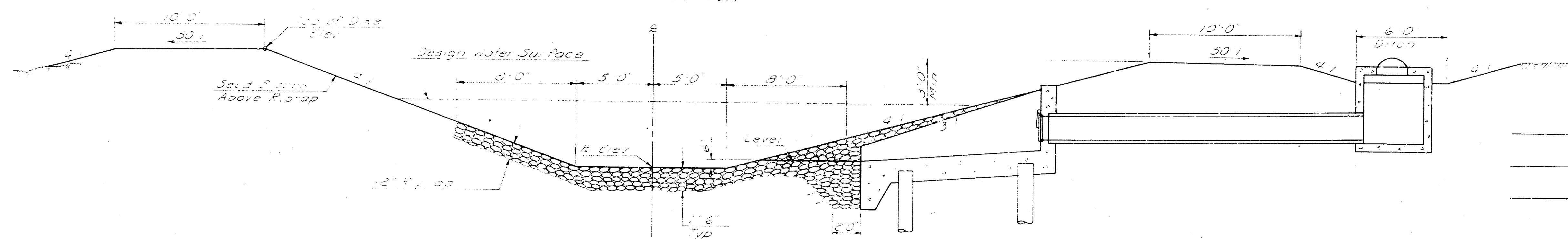




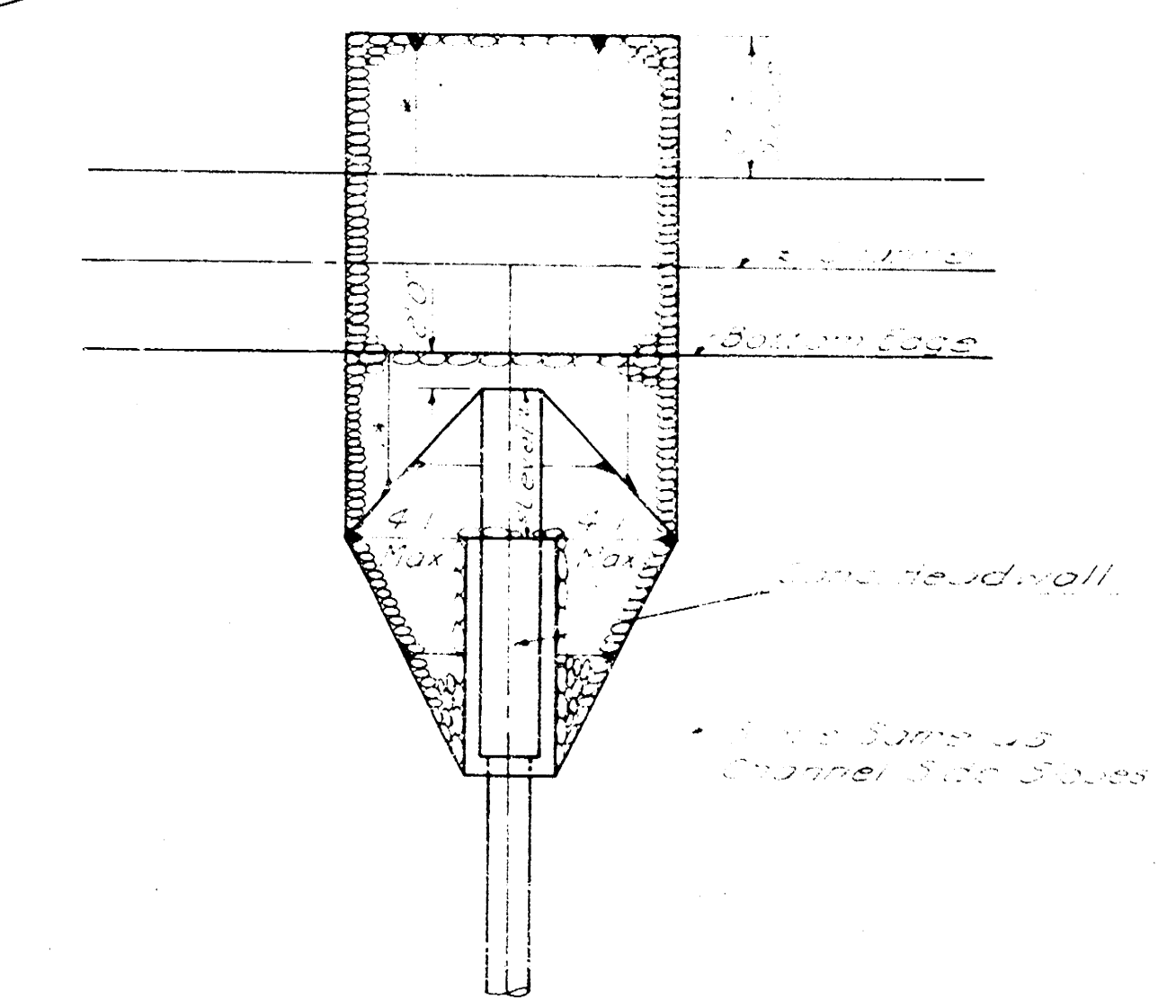


TYPICAL CHANNEL DETAILS
UNLINED BOTTOM

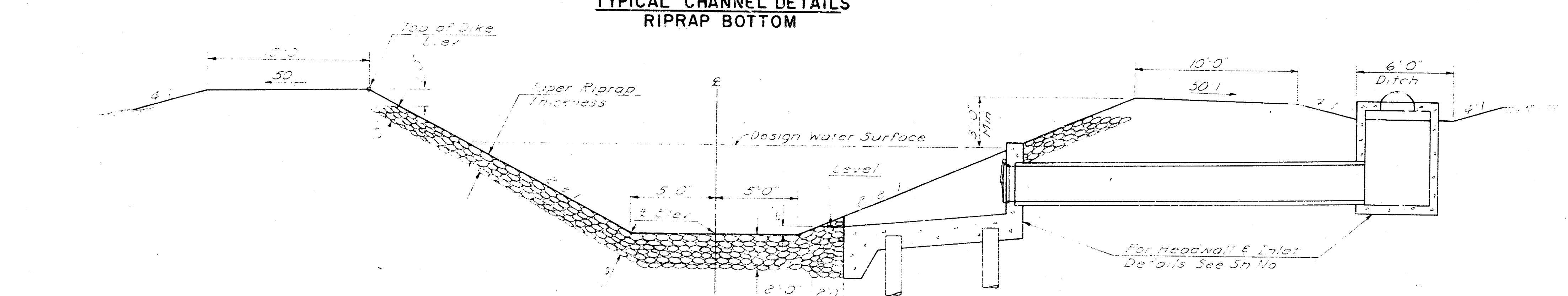
TYPICAL RIPRAP DETAILS



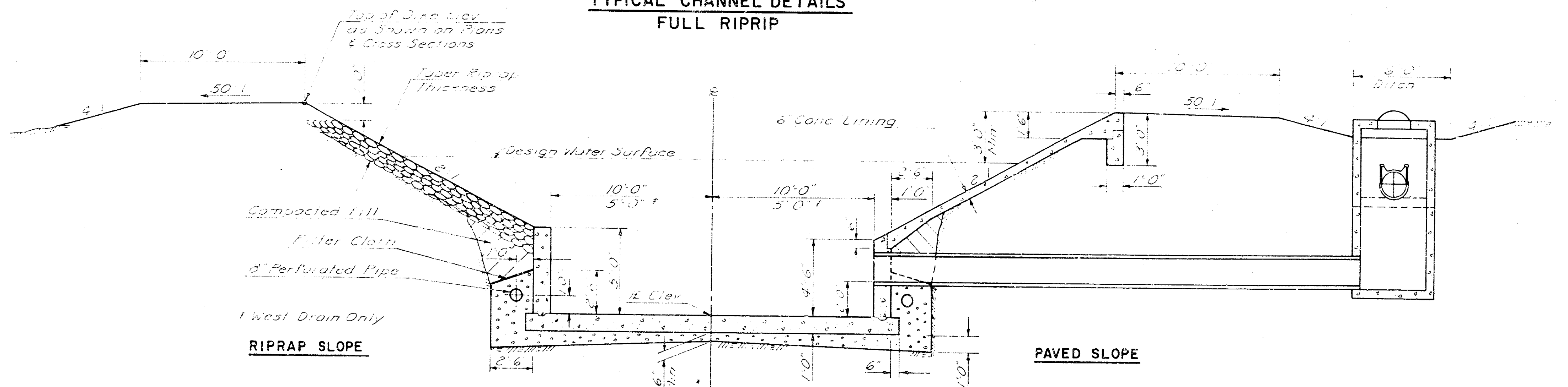
TYPICAL CHANNEL DETAILS
RIPRAP BOTTOM



DETAIL OF RIPRAP AT
HEADWALL OUTLET

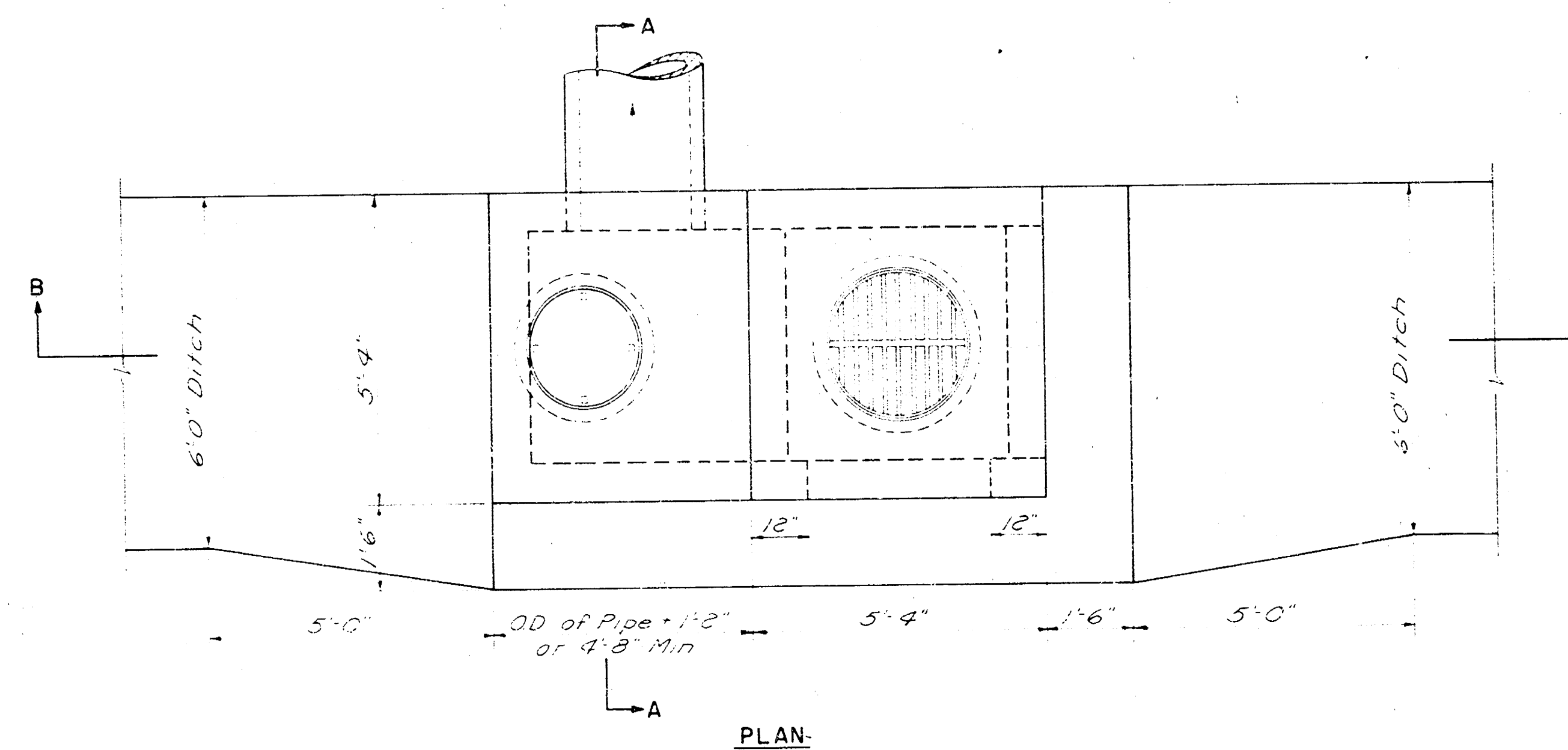


TYPICAL CHANNEL DETAILS
FULL RIPRAP

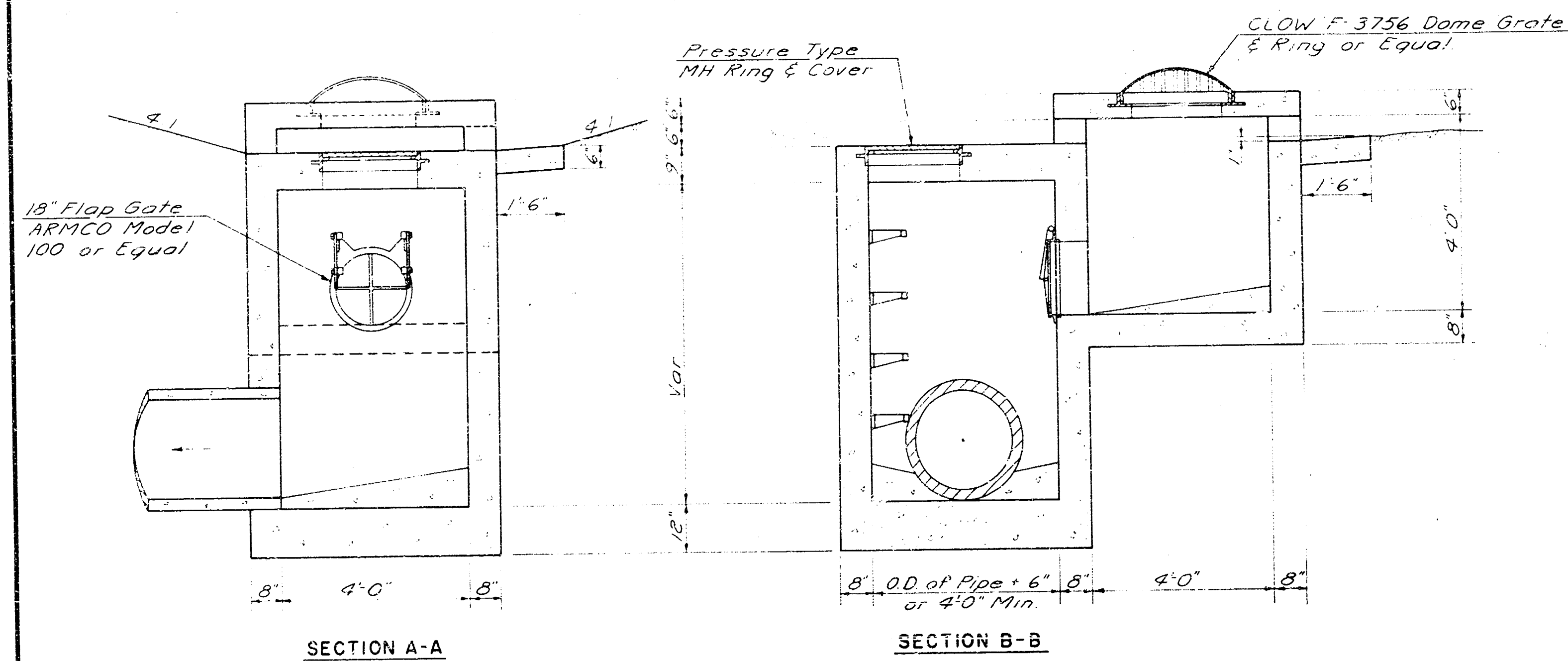


TYPICAL CHANNEL DETAILS
CONCRETE BOTTOM

DESIGN	NORTH WICHITA INDUSTRIAL PARK STORM DRAINAGE CITY OF WICHITA, KANSAS	
DR BY		
CK BY		
DATE		
JOB NO	TYPICAL CANAL LINING DETAILS	
	VAN DOREN-HAZARD-STALLINGS-SCHNACKE ENGINEERS-ARCHITECTS . . . TOPEKA, KANSAS	SHEET
		OF



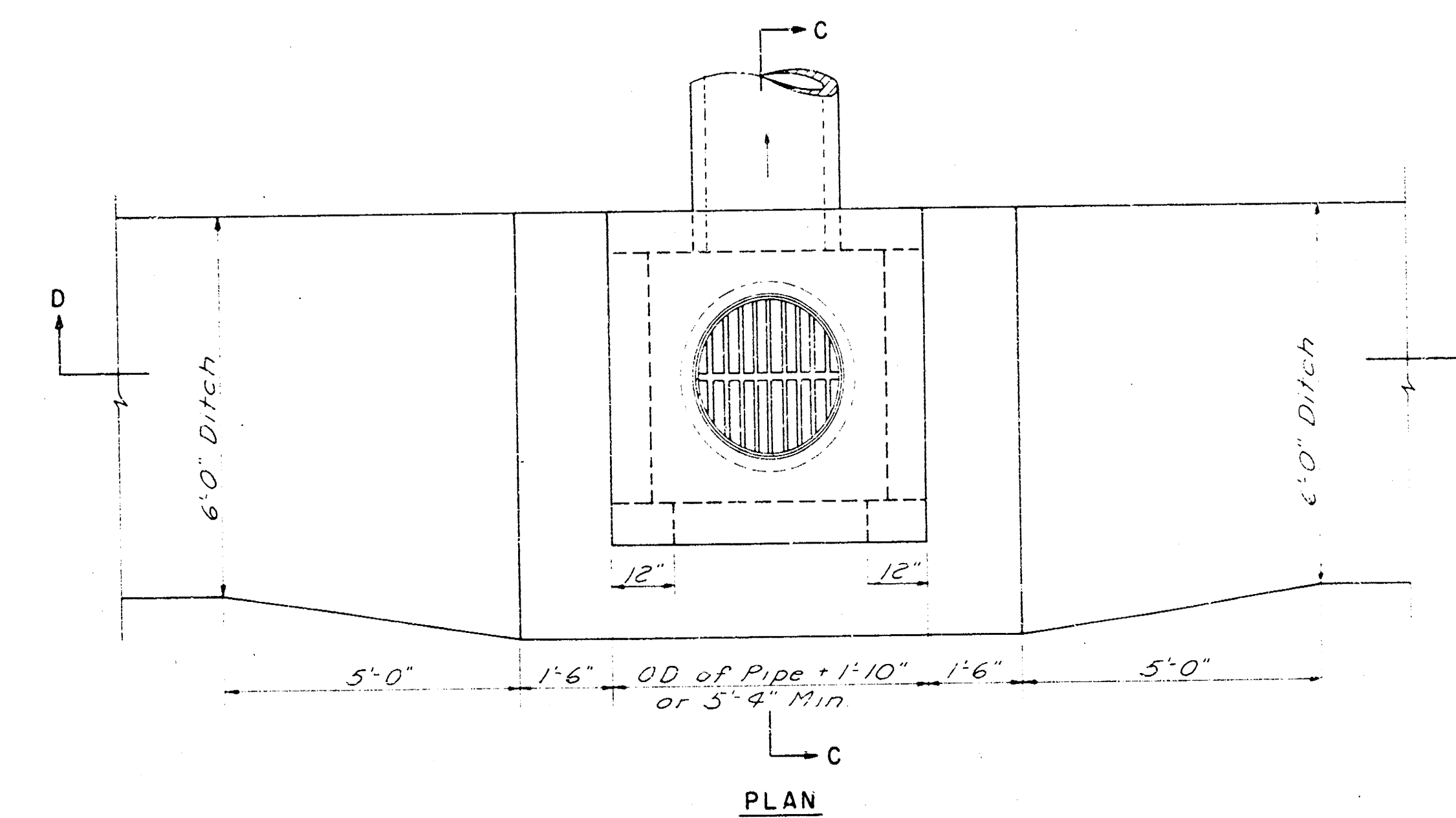
PLAN



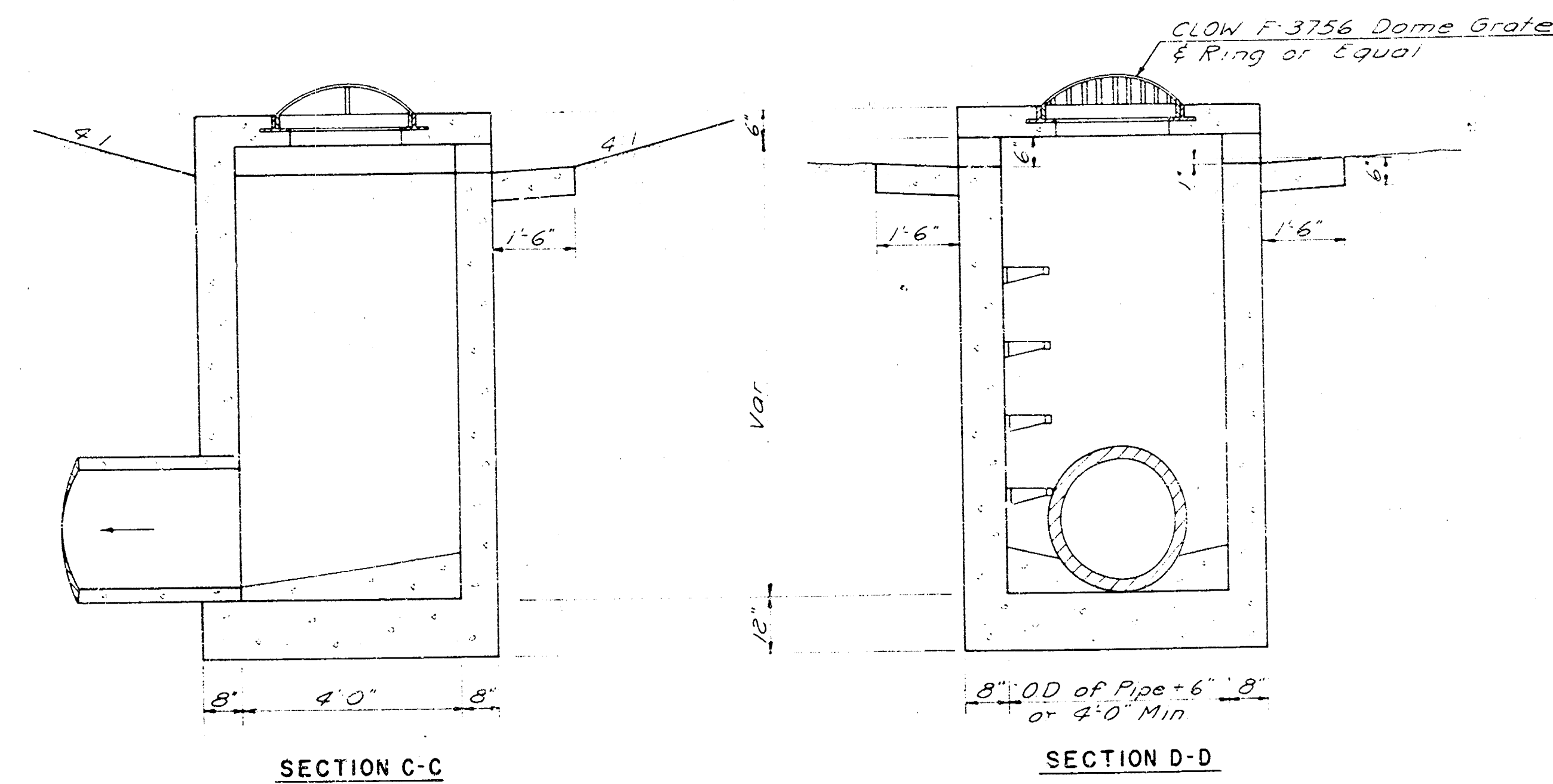
SECTION A-A

SECTION B-B

DITCH INLET TYPE II



PLAN

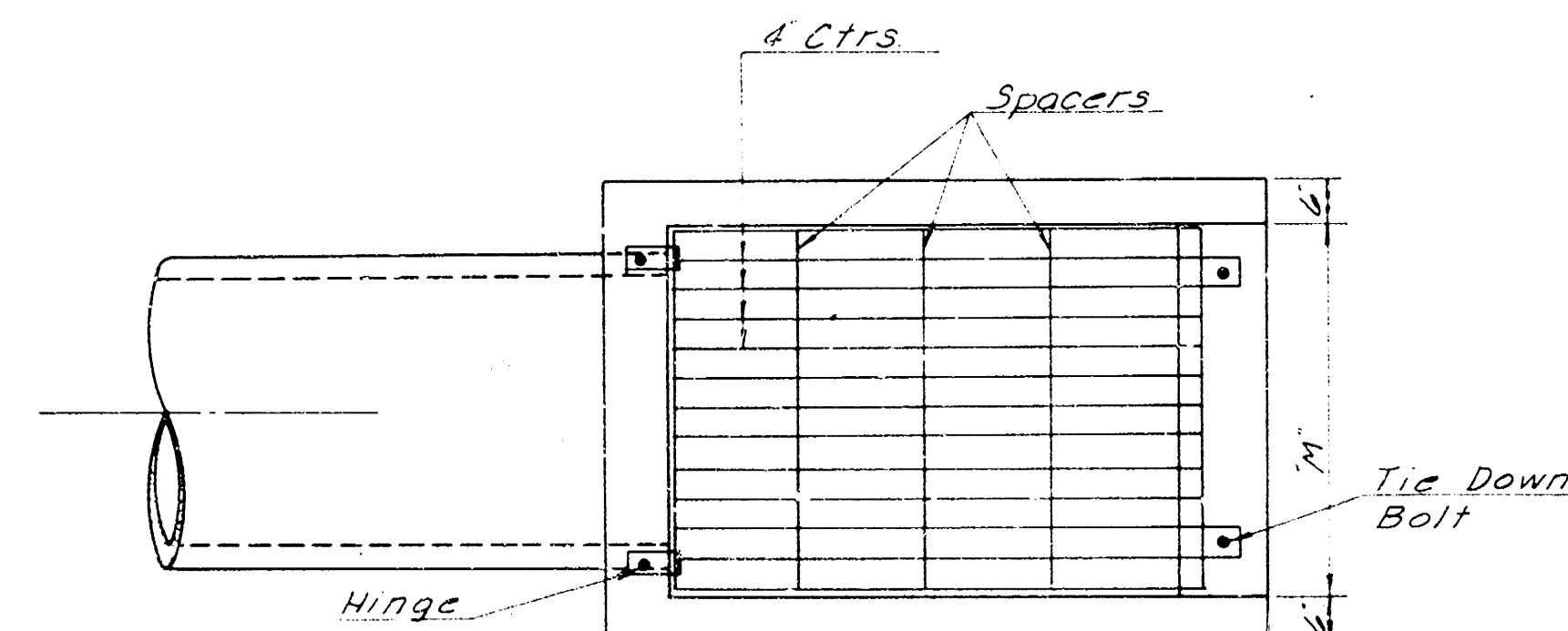
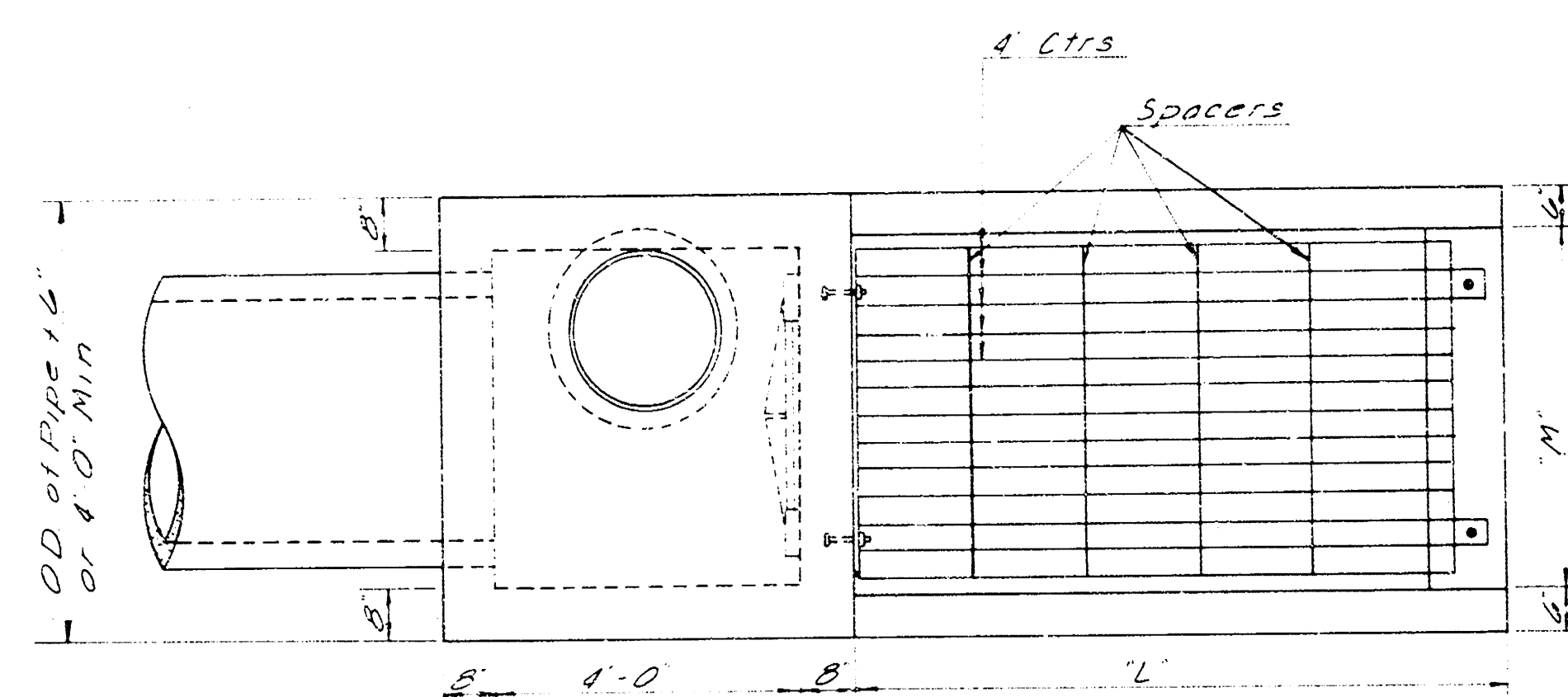


SECTION C-C

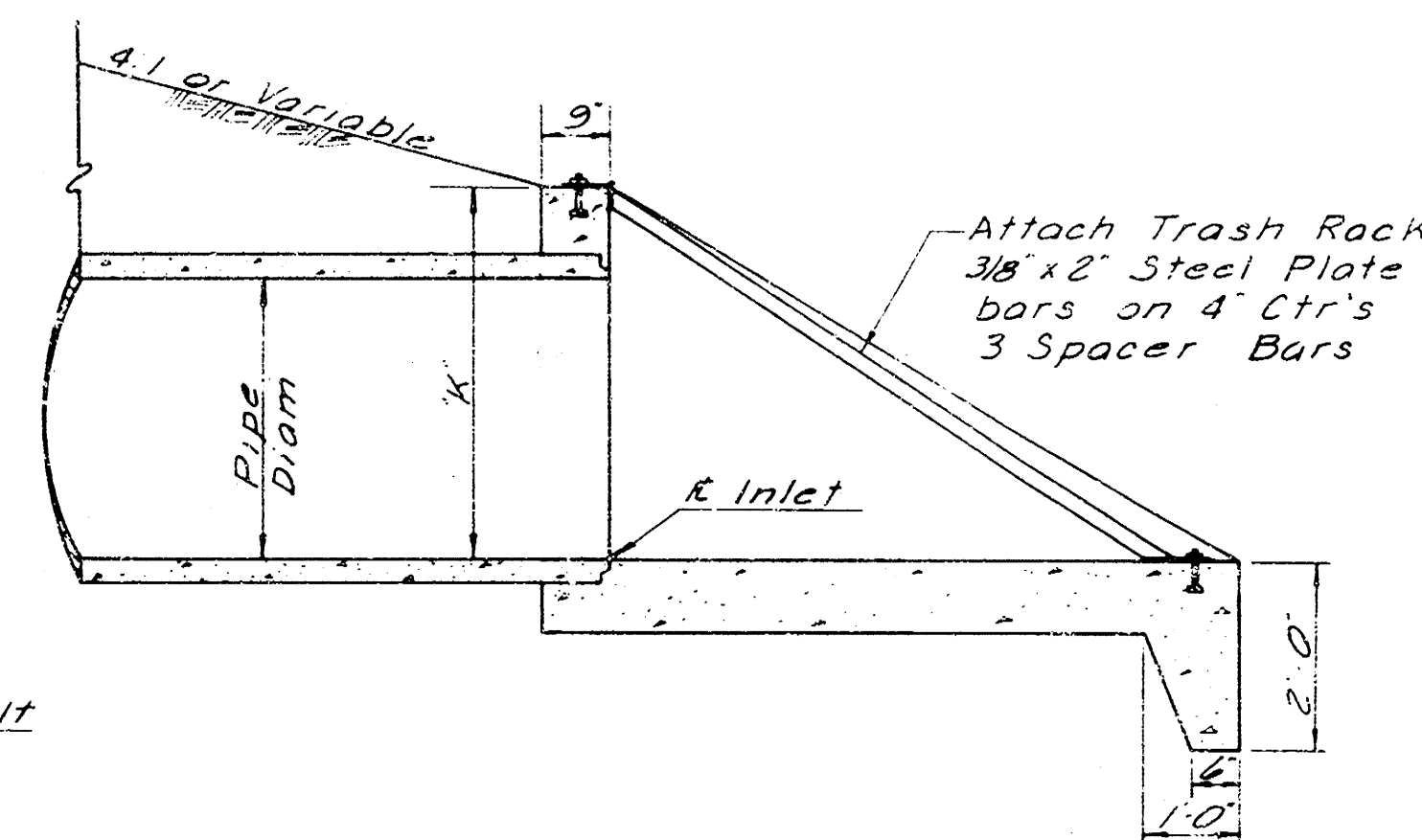
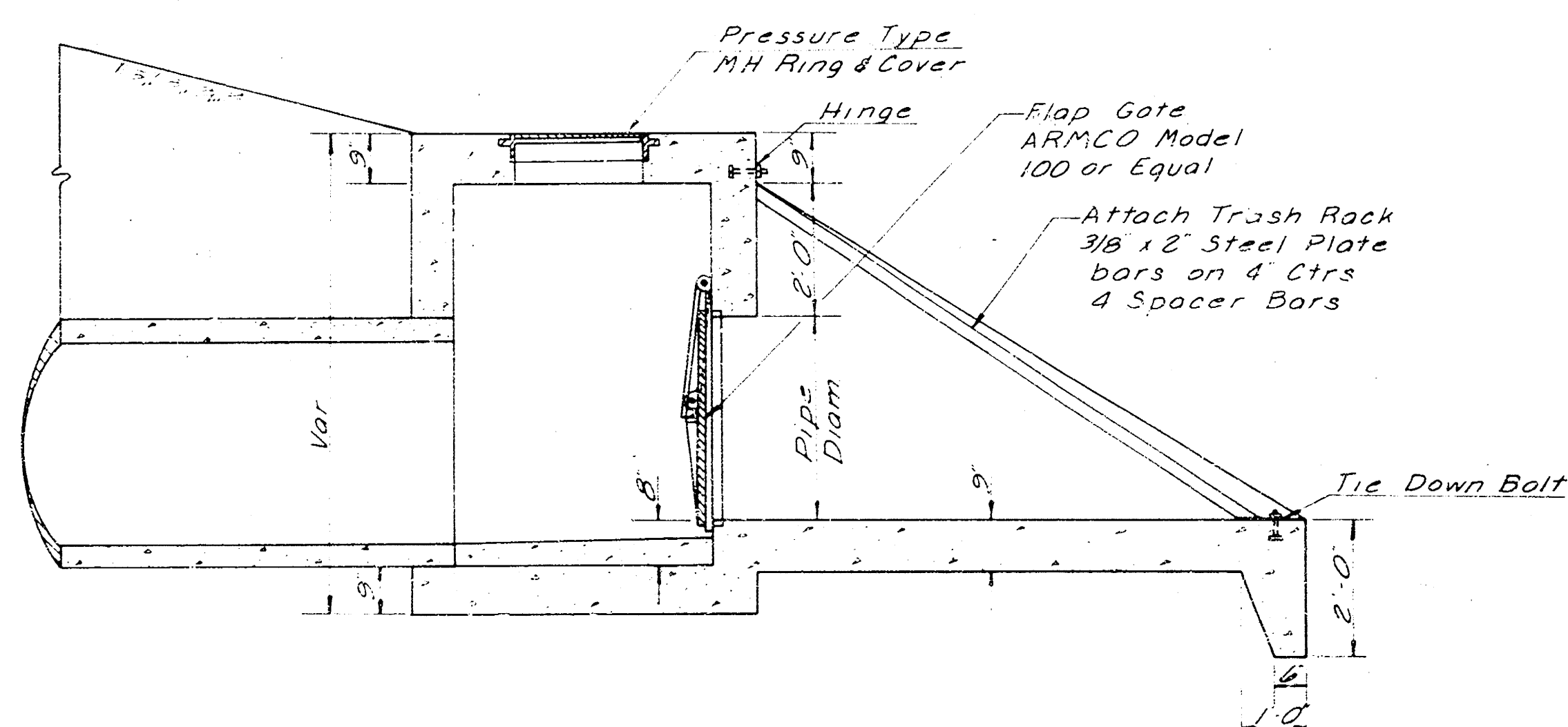
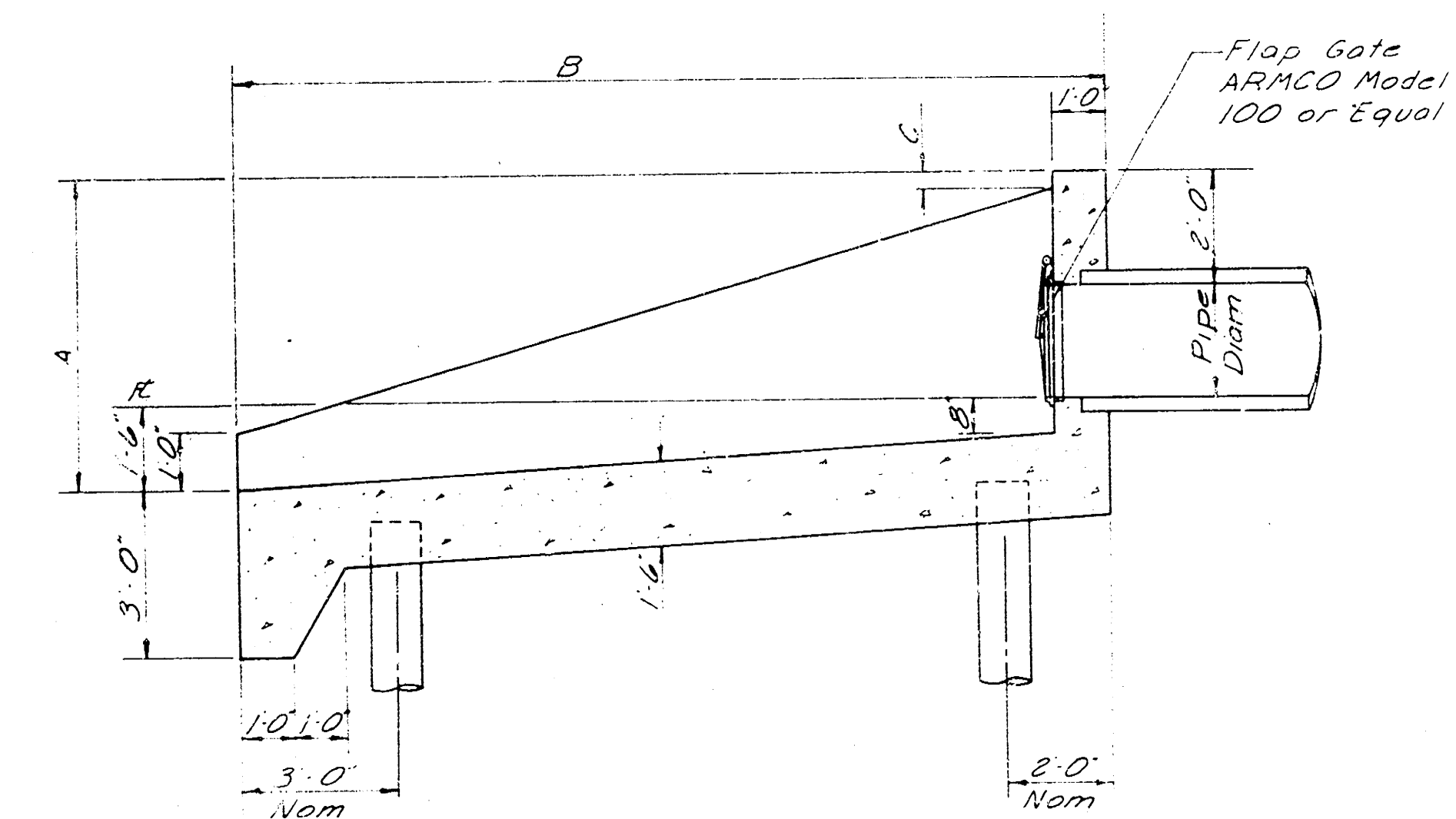
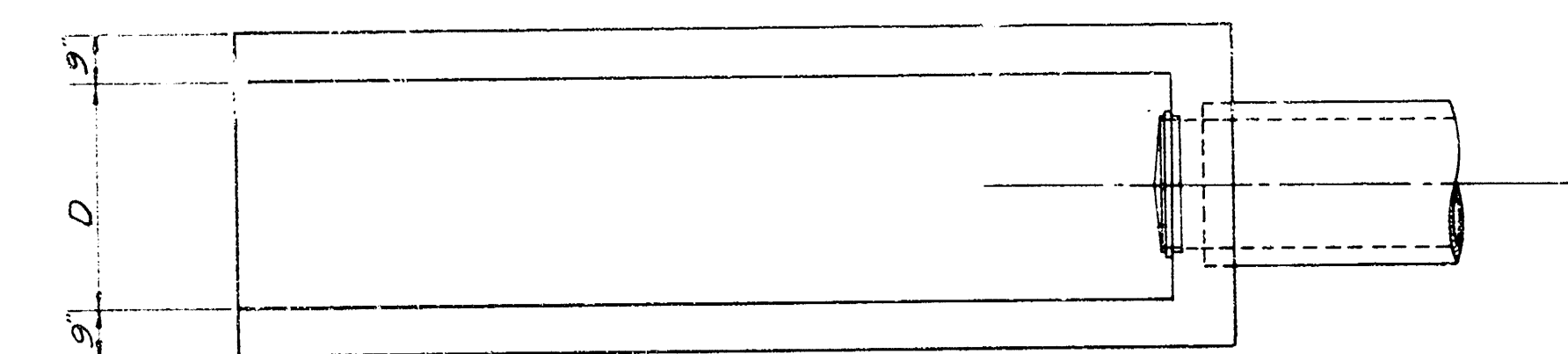
SECTION D-D

DITCH INLET TYPE I

DESIGN	NORTH WICHITA INDUSTRIAL
DR BY	PARK STORM DRAINAGE
CK BY	CITY OF WICHITA, KANSAS
DATE	DITCH INLET DETAILS
JOB NO	VAN DUSEN-HAZARD-STALLINGS-SCHNACK
	ENGINEERS ARCHITECTS - TOPEKA, KANSAS
	SHEET
	OF



PIPE SIZE	K	L	M
36"	4.0	7.9	4.2
48"	5.2	9.9	5.5



Pipe Size	A	B			C			D
		14/5	24/5	3/4	14/5	3/4	24/5	
15	4'-9"	5'-7 1/2"	9'-4 1/2"	11'-3"	8"	5"	4"	2'-6"
18	5'-0"	6'-0"	10'-0"	12'-0"	8"	5"	4"	3'-0"
24	5'-6"	6'-9"	11'-3"	13'-6"	8"	5"	4"	3'-6"
30	6'-0"	7'-4"	12'-6"	15'-0"	8"	5"	4"	4'-0"
36	6'-6"	8'-3"	13'-0"	16'-6"	8"	5"	4"	4'-6"
42	7'-0"	9'-0"	15'-0"	18'-0"	8"	5"	4"	5'-0"
48	7'-6"	9'-9"	16'-3"	19'-6"	8"	5"	4"	5'-6"
54	8'-0"	10'-6"	17'-6"	21'-0"	8"	5"	4"	6'-0"
60	8'-6"	11'-3"	18'-9"	22'-6"	8"	5"	4"	6'-6"

* For Dbl. 24" Pipes D=7'-0"-Allow 12" Min between pipes.

DESIGN	NORTH WICHITA INDUSTRIAL		SHEET
DR BY	PARK STORM DRAINAGE		
CK BY	HEADWALLS & DITCH INLET		
DATE	DETAILS		
JOB NO	VAN DOREN HAZARD-STALLINGS-SNACHNE		
	ENGINEERS-ARCHITECTS . . . TOPERA, KANSAS		OF