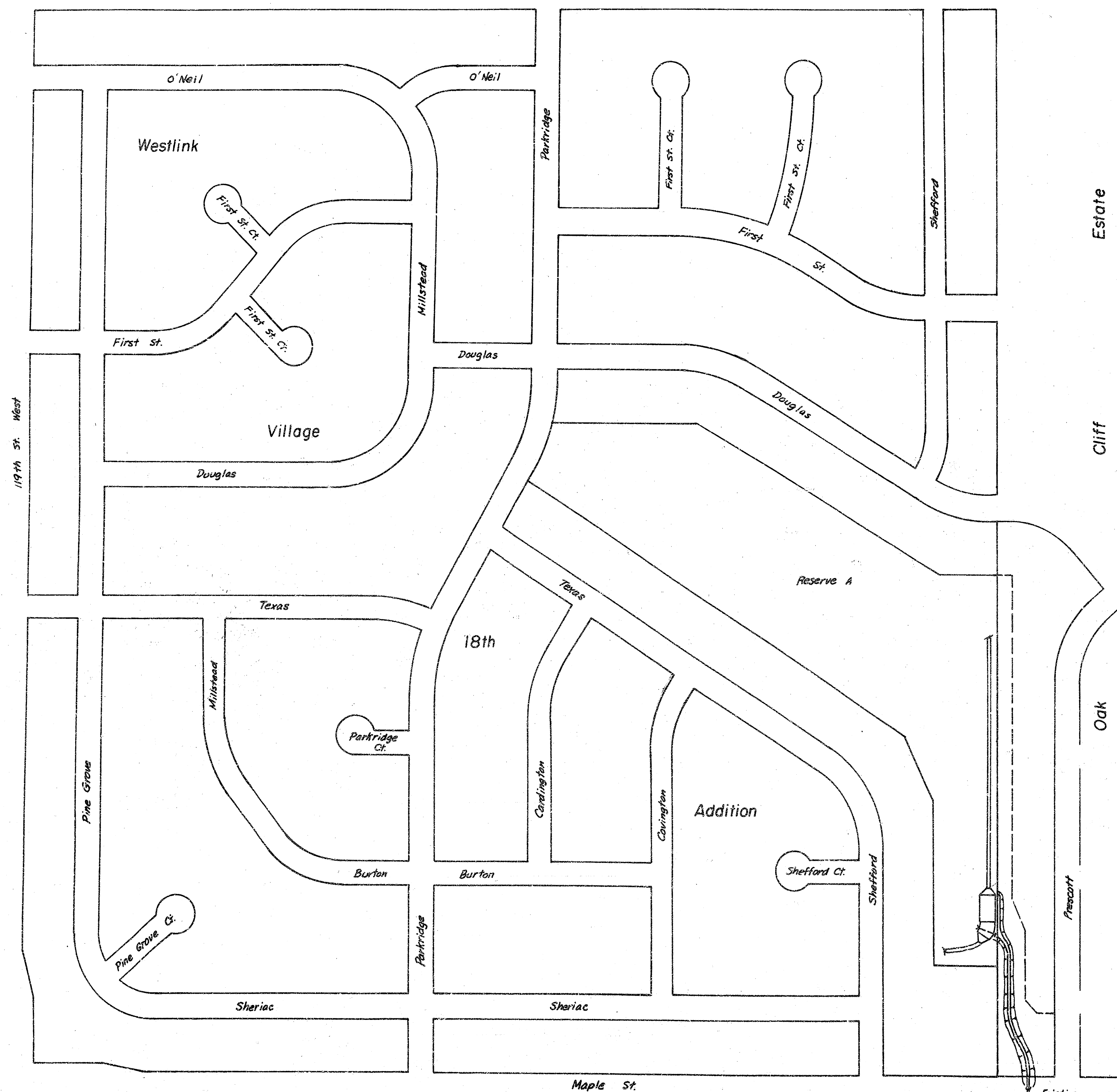
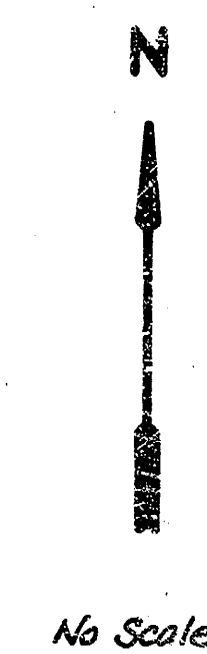


DETENTION RESERVOIR NO. 10 IN WESTLINK VILLAGE 18TH ADDITION

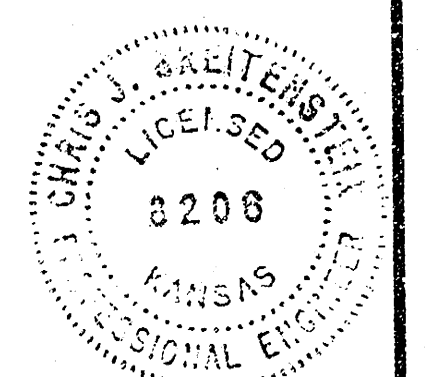


GENERAL NOTES

1. THE BID ITEM LUMP SUM SPILLWAY SHALL INCLUDE THE FOLLOWING ITEMS: RIPRAP, CONCRETE CUT-OFF WALL, AND ANTI-SEEP COLLARS.
3. ALL CONCRETE SHALL BE STANDARD PAVING MIX.
4. 24" PIPE MAY BE EITHER RCP OR CMP.

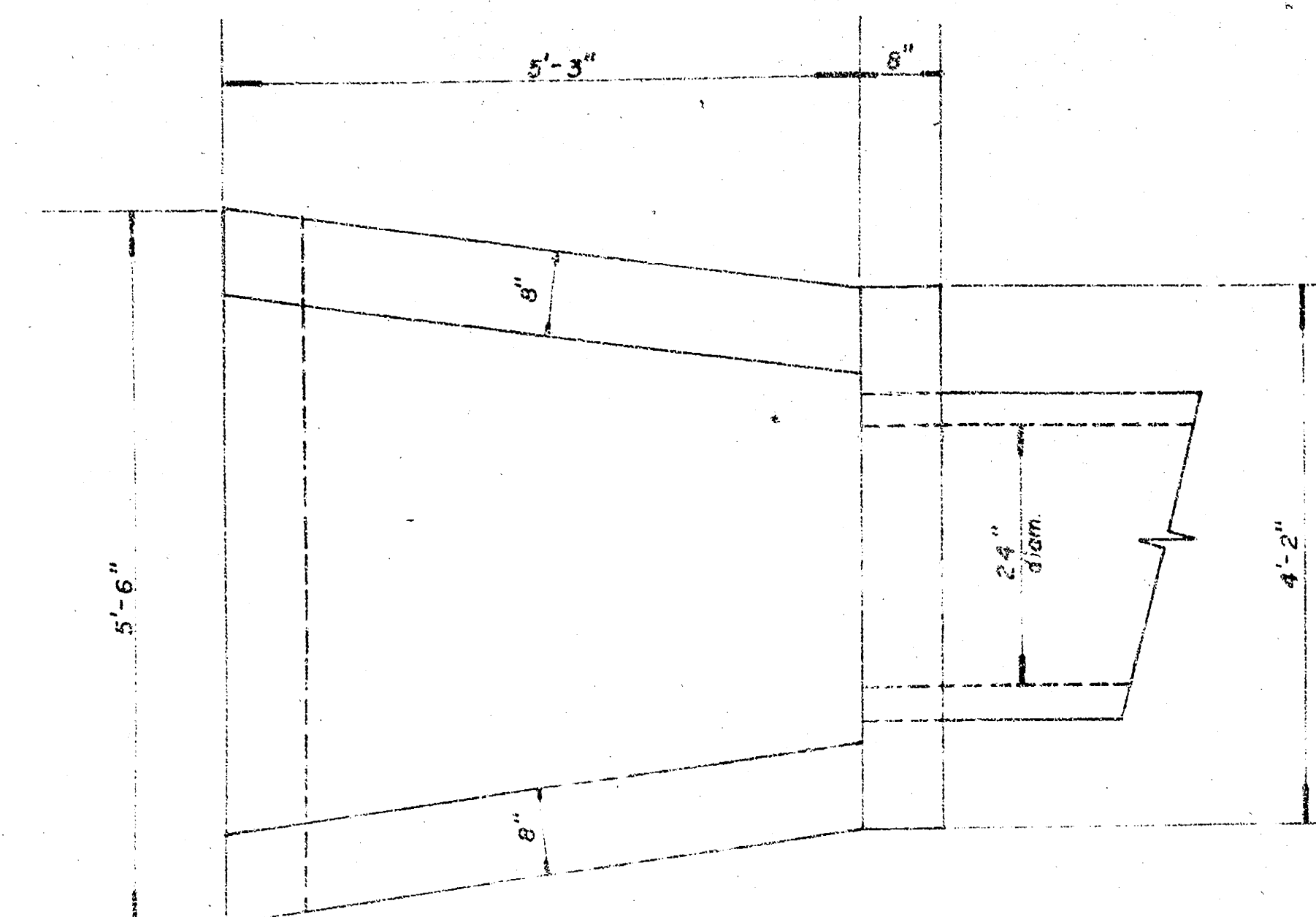
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

R.W. BRUGGEMAN, DIRECTOR OF ENGINEERING /
CITY ENGINEER
CITY OF WICHITA, KANSAS
PROJECT NO. 468 76 245 81092 000 000 001
DATE: _____

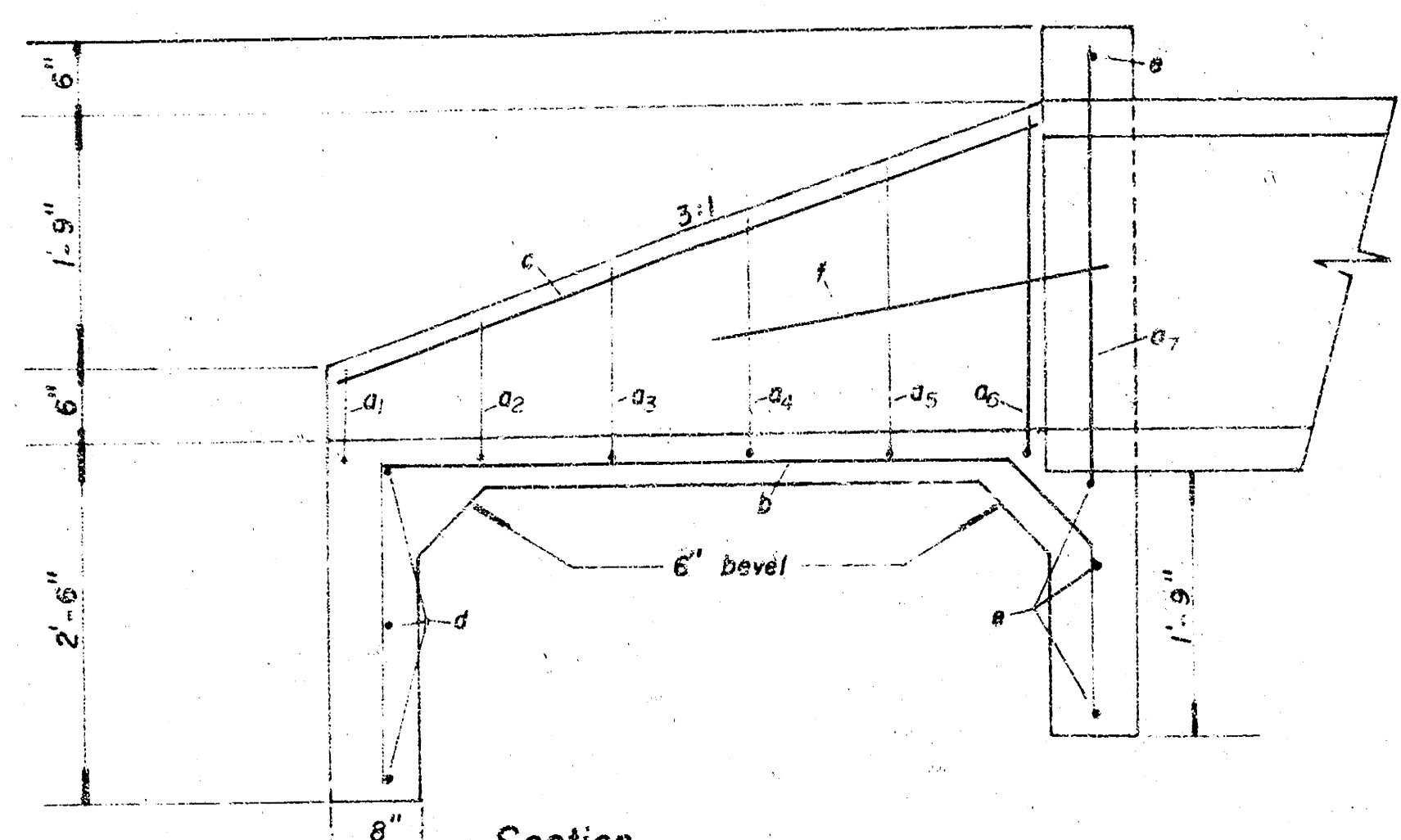


PLAN	DATE	
	BY	
	CHECKED	
	REVISIONS	

PROFILE	DATE	
	BY	
	CHECKED	
	REVISIONS	



Plan



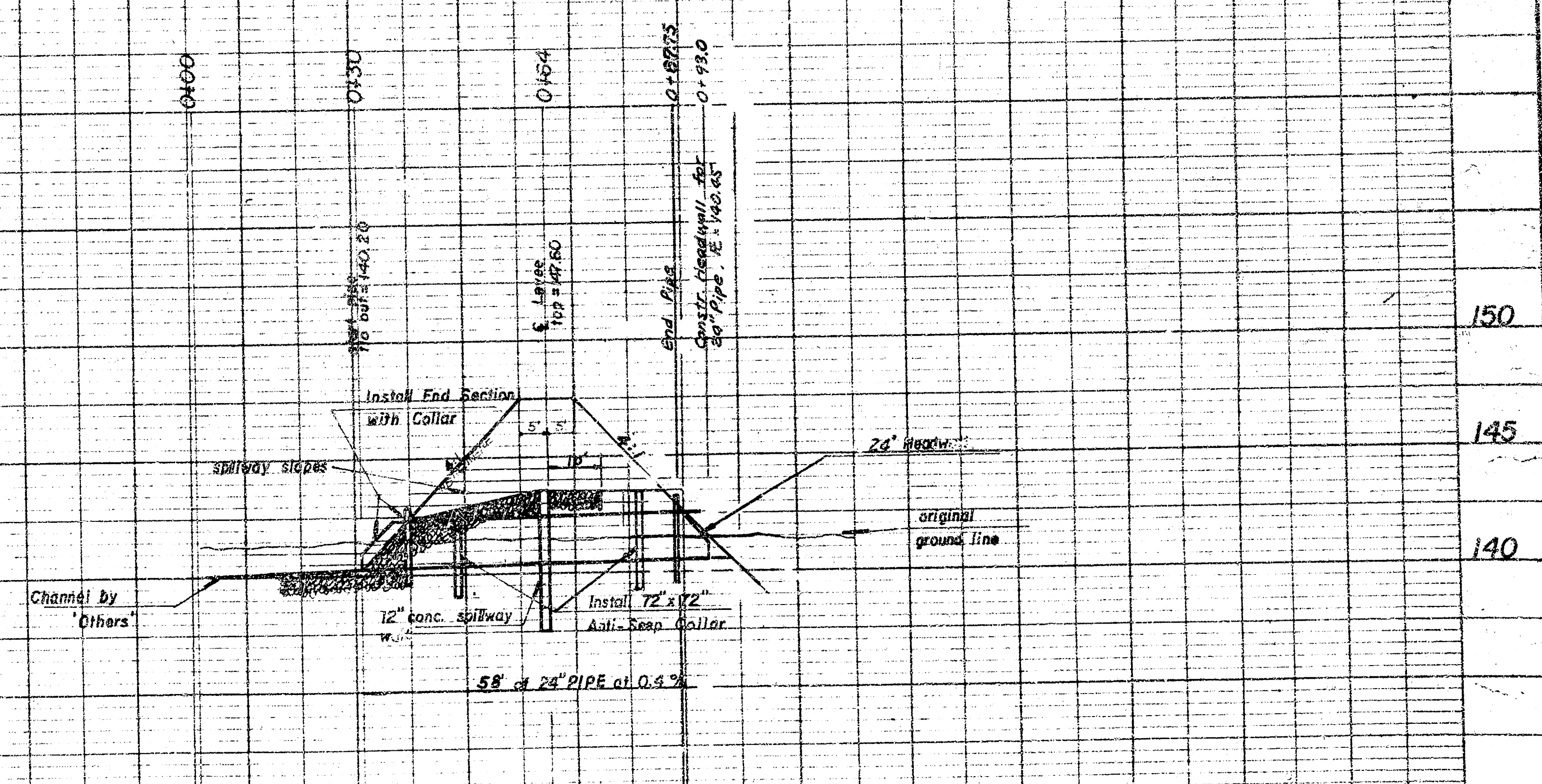
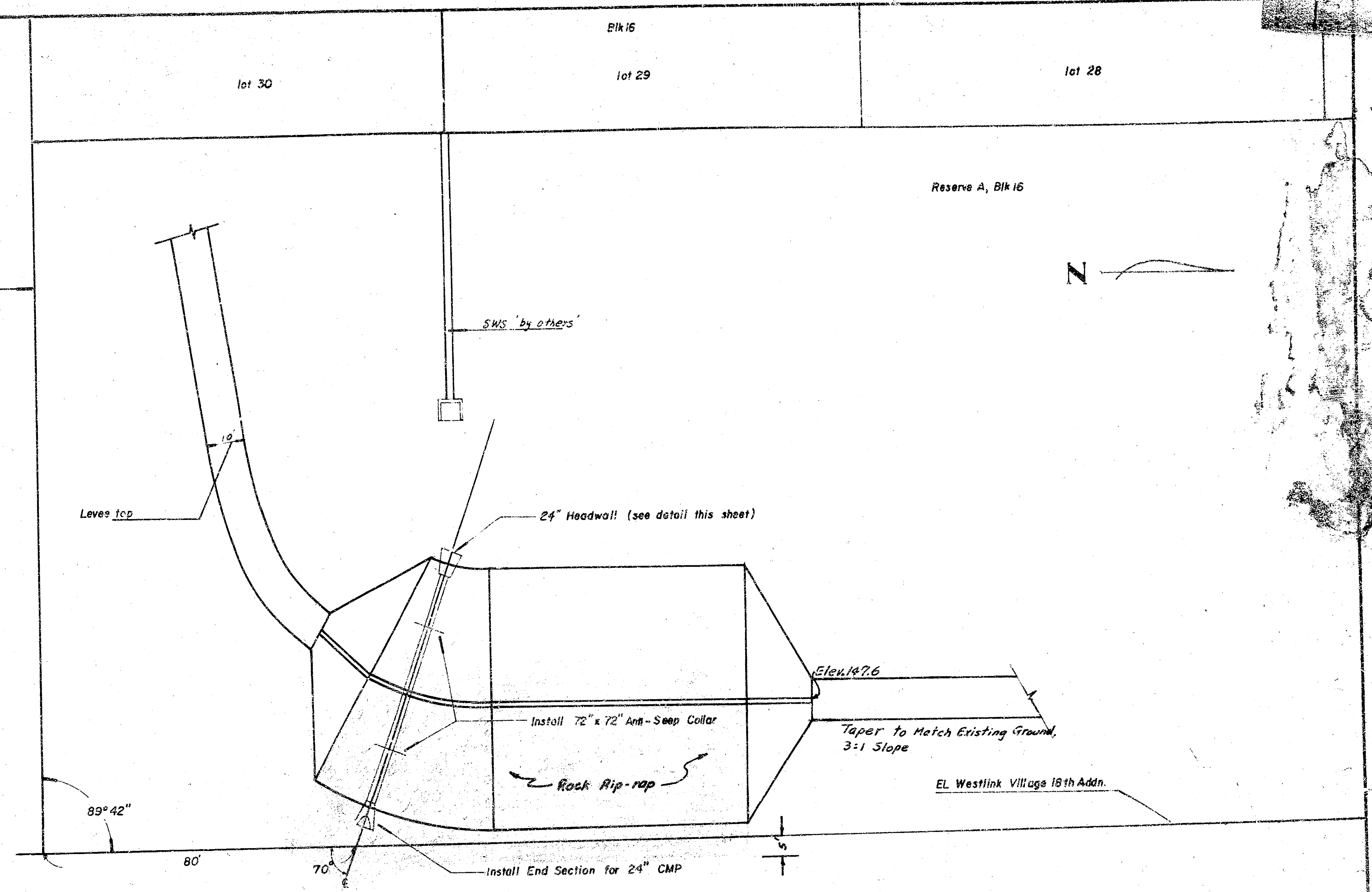
Section

24" Pipe Headwall
Scale: 3/4" = 1'-0"

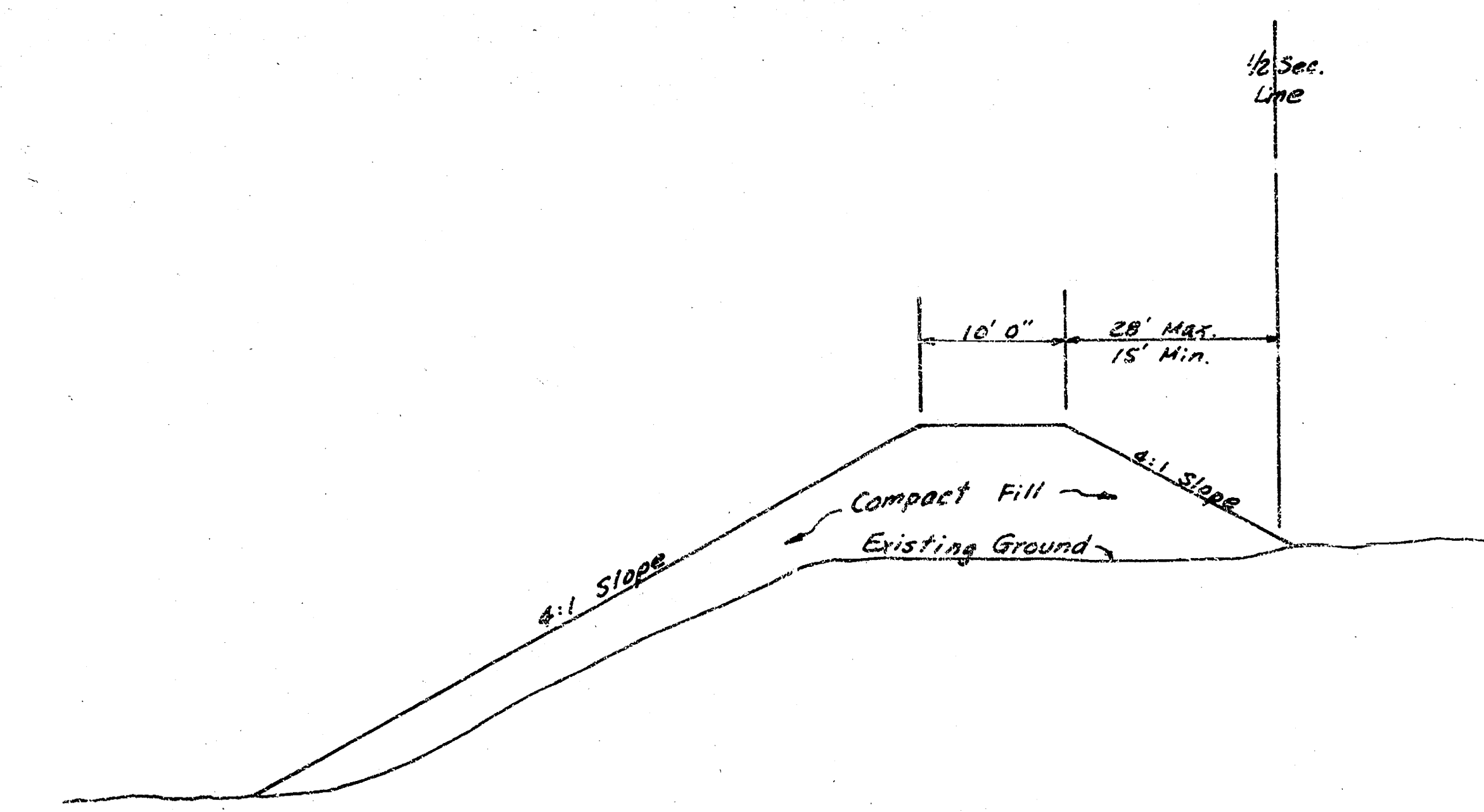
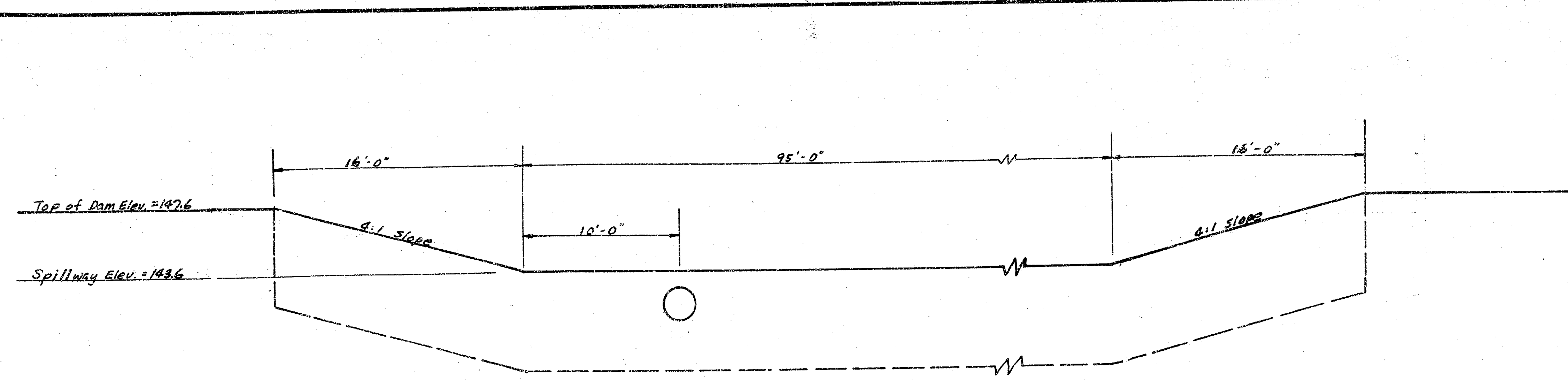
Note
All exposed edges to have 1/8" bevel.
All rebar to be no. 4.

a bars	b bar
a ₁ 4'-9"	a 2'-10"
a ₂ 4'-11"	a ₁ 1'-4"
a ₃ 4'-11"	a ₂ 1'-6"
a ₄ 4'-2"	a ₃ 1'-10"
a ₅ 3'-10"	a ₄ 2'-2"
a ₆ 3'-7"	a ₅ 2'-9"
a ₇ 3'-7"	

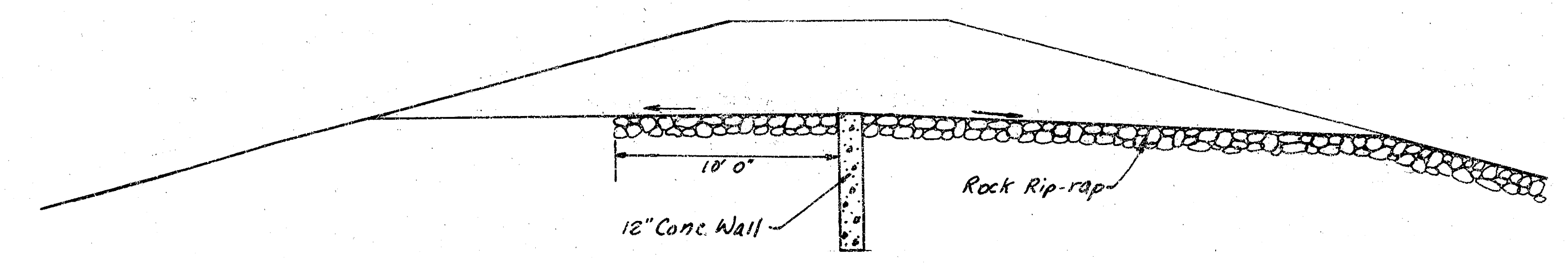
Bar	Number	Length	Shape	Weight
a ₁	1	5'-4"		3.56
a ₂	1	5'-5"		3.62
a ₃	1	5'-6"		3.79
a ₄	1	5'-8"		3.79
a ₅	1	5'-9"		3.79
a ₆	1	5'-9"		3.84
a ₇	1	6'-4"		4.23
b	6	8'-9"		35.07
c	2	5'-4"		12.00
d	3	5'-0"		10.02
e	3	3'-9"		7.52
f	2	3'-0"		4.01
Total rebar, lbs				95.24
Concrete, cy				1.61



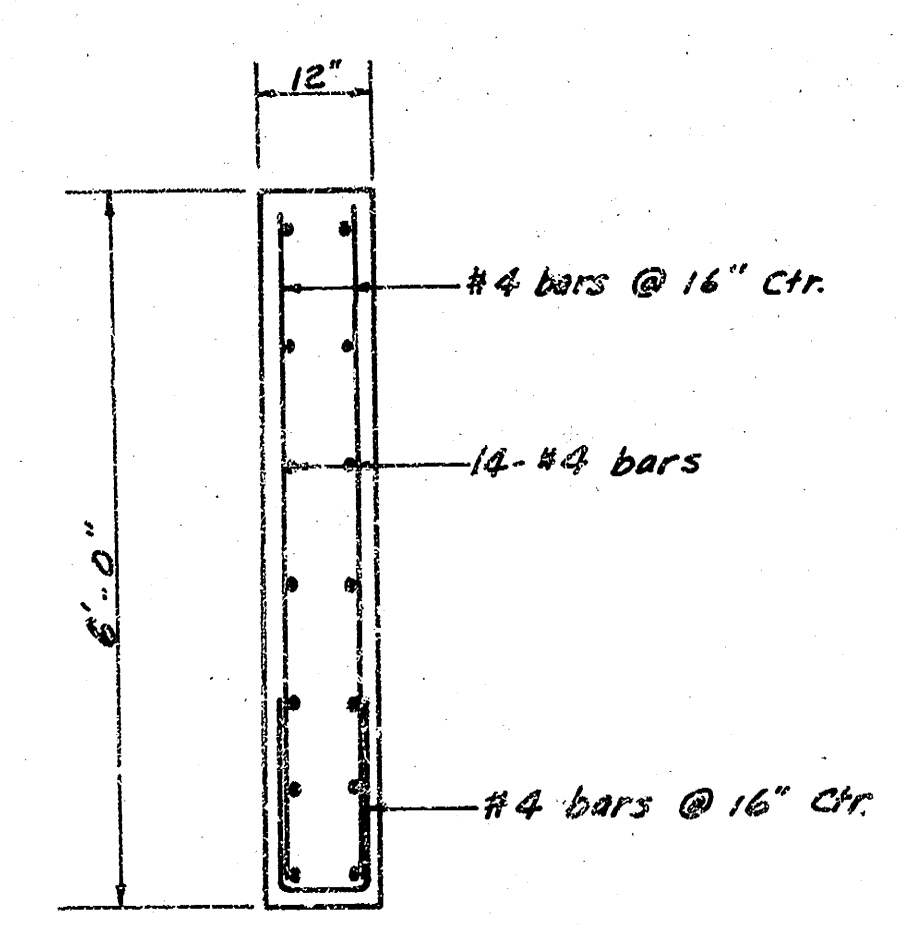
Detail of Outlet Pipe for Levee
Defensive Reservoir No. 10



Typical Section of Dam



Cross Section @ E of Spillway
Scale: 1" = 5'



Conc. Wall Detail
Scale: 1/2" = 1'

DETENTION RESERVOIR NO. 10
PROJECT NO. 468 76 245 81092 000 000 001
DEPARTMENT OF ENGINEERING
CITY OF WICHITA, KANSAS
R.W. BRUGGEMAN, DIRECTOR OF ENGINEERING/
CITY ENGINEER
DATE: 7/5

