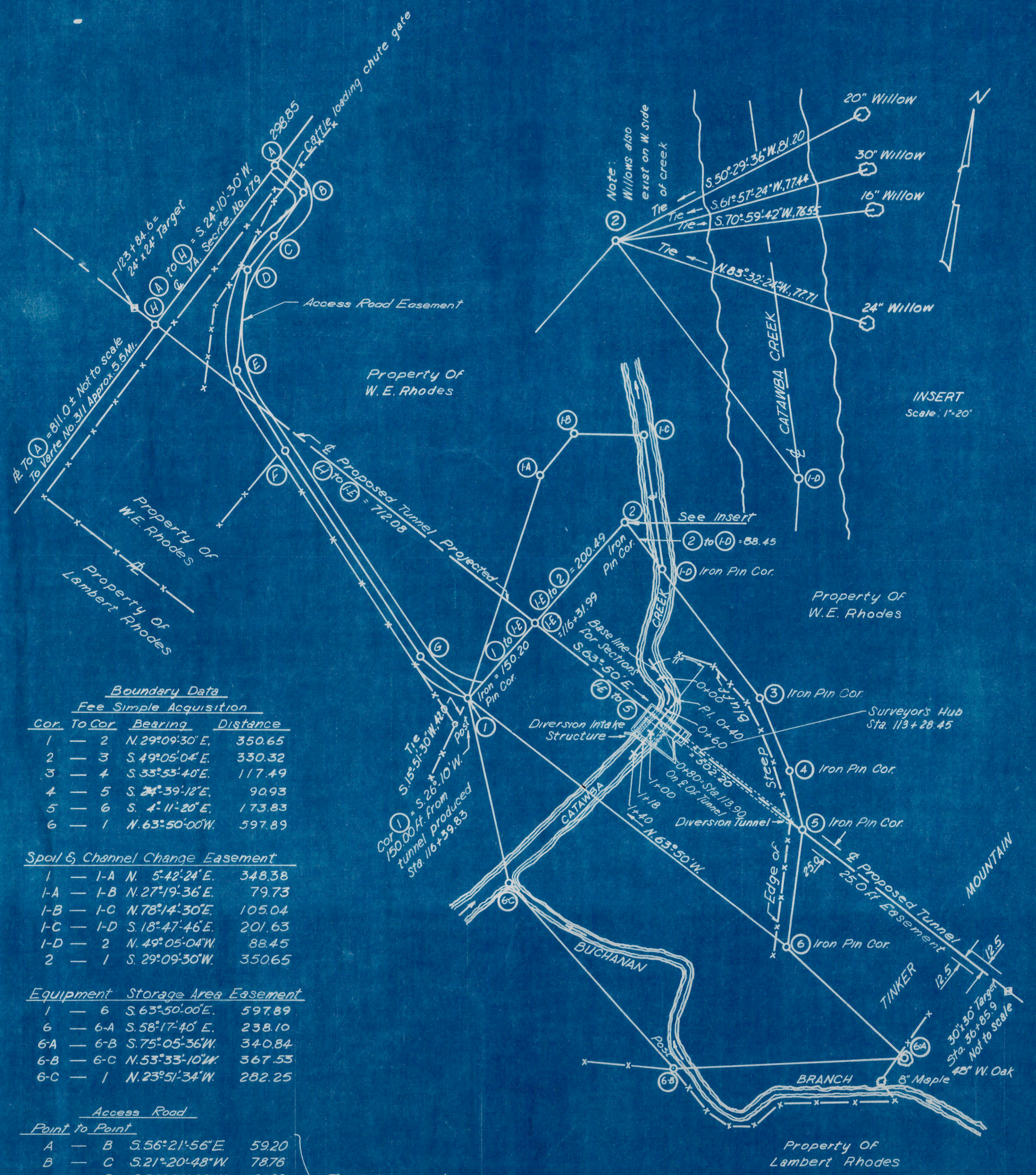


Boundary Data

Fee Simple Acquisition

Cor.	To Cor.	Bearing	Distance
1	2	N.29°09'30" E.	350.65
2	3	S.49°05'04" E.	330.32
3	4	S.33°55'40" E.	117.49
4	5	S.24°39'12" E.	90.93
5	6	S.4°11'20" E.	173.83
6	1	N.63°50'00" W.	597.89

Spoil & Channel Change Easement

1	1-A	N. 5°42'24" E.	348.38
1-A	1-B	N.27°19'36" E.	79.73
1-B	1-C	N.78°14'30" E.	105.04
1-C	1-D	S.18°47'46" E.	201.63
1-D	2	N.49°05'04" W.	88.45
2	1	S.29°09'30" W.	350.65

Equipment Storage Area Easement

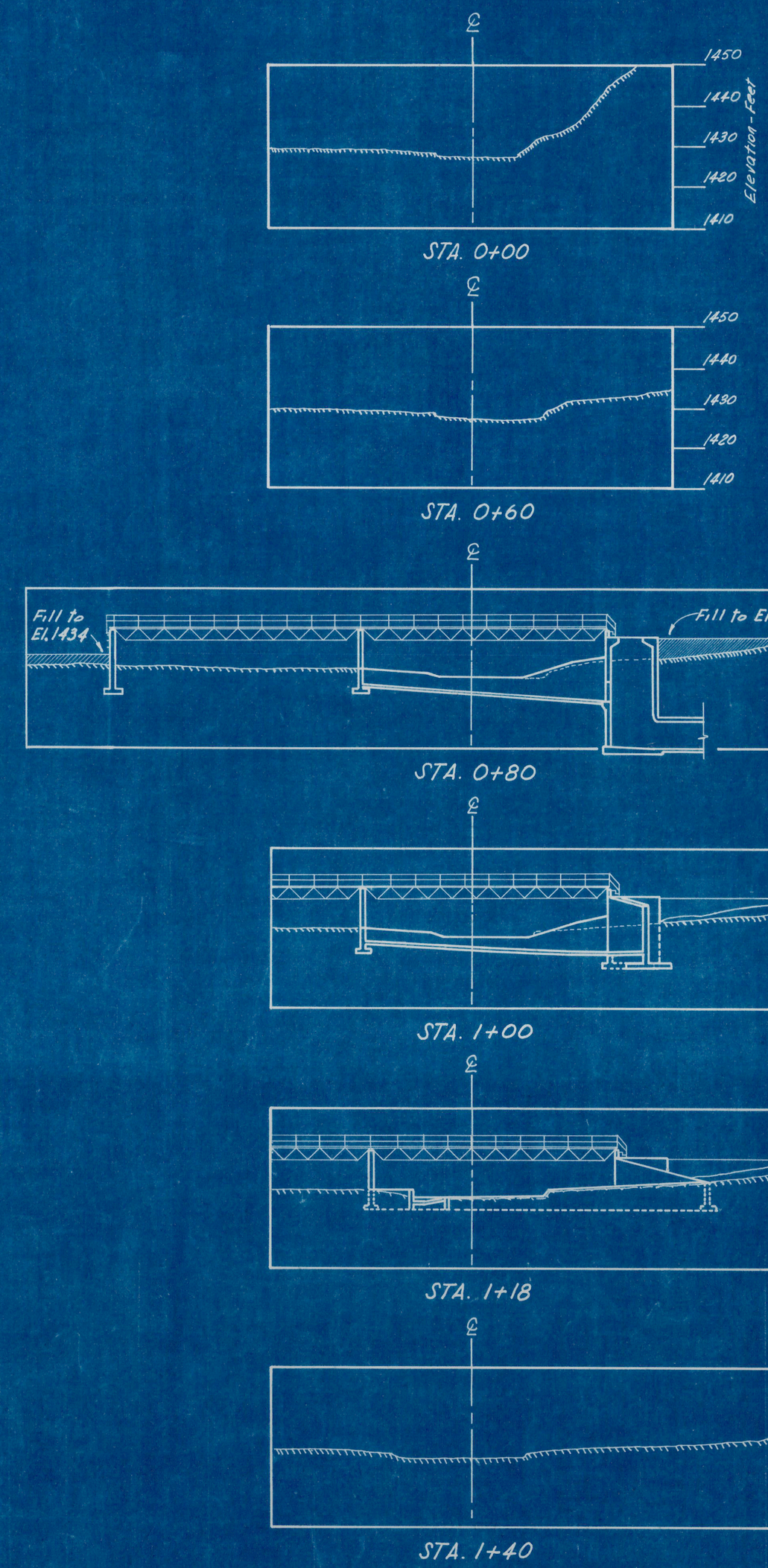
1	6	S.63°50'00" E.	597.89
6	6-A	S.58°17'40" E.	238.10
6-A	6-B	S.75°05'36" W.	340.84
6-B	6-C	N.53°33'10" W.	367.53
6-C	1	N.23°51'34" W.	282.25

Access Road

Point		Point		
A	B	S.56°21'56" E.	59.20	Ties between points on ℄ Easement
B	C	S.21°20'48" W.	78.76	
C	D	S.25°40'06" W.	61.93	
D	E	S. 5°13'18" E.	150.13	
E	F	S.42°44'20" E.	138.39	
F	G	S.45°14'02" E.	364.38	
G	1	S.60°02'18" E.	96.31	Cor. No. 1 on S. side of road

PLAT OF SURVEY AND PLAN

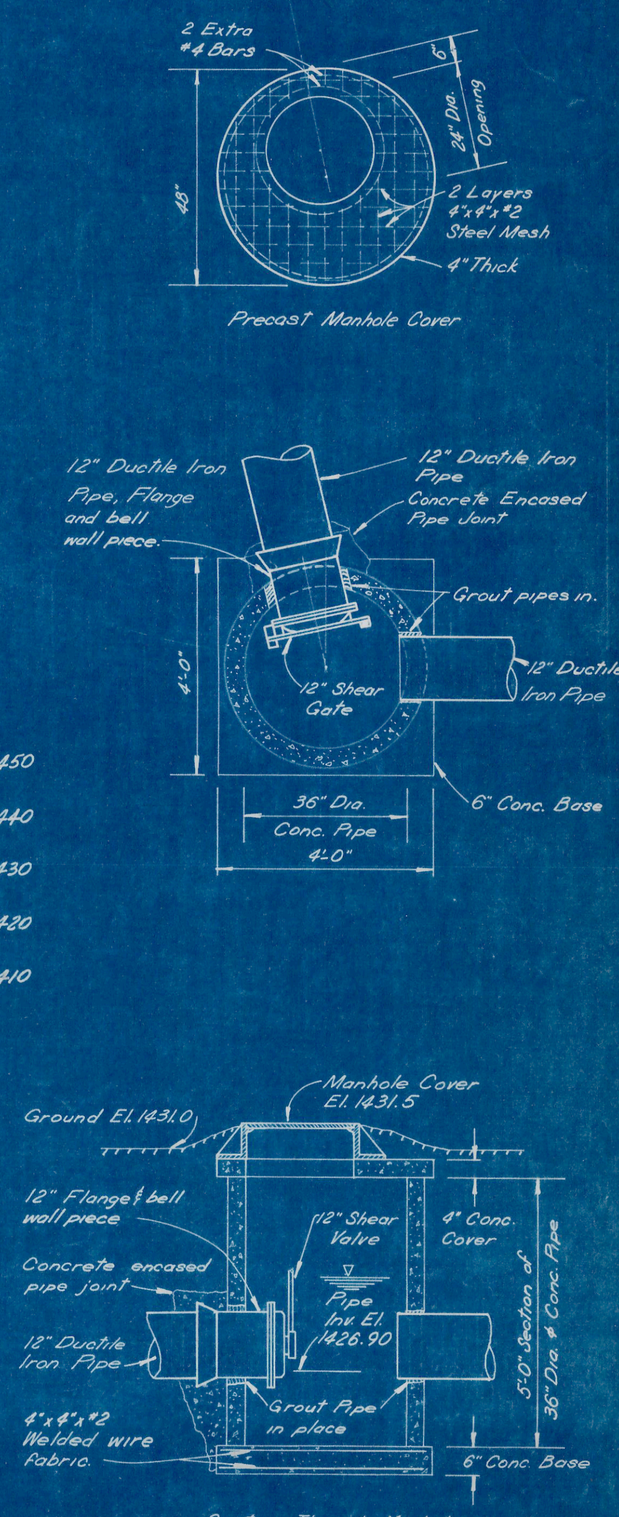
Scale: 1"=100'



SECTIONS ALONG CATAWBA CREEK

Horiz. & Vert. Scale: 1"=20'

Note: (See "Base line for sections" this drawing.)



BYPASS CULVERT MANHOLE DETAILS

Scale: 1/2"=1'-0"

LOUIS R. HOWSON REGISTERED No. 781 STATE OF VIRGINIA PROFESSIONAL ENGINEER

2

CATAWBA CREEK DIVERSION PROJECT

INTAKE STRUCTURE PLAT & SECTIONS

CITY OF ROANOKE WATER DEPT.
ROANOKE, VIRGINIA

ALVORD BURDICK & HOWSON ENGINEERS CHICAGO

1970