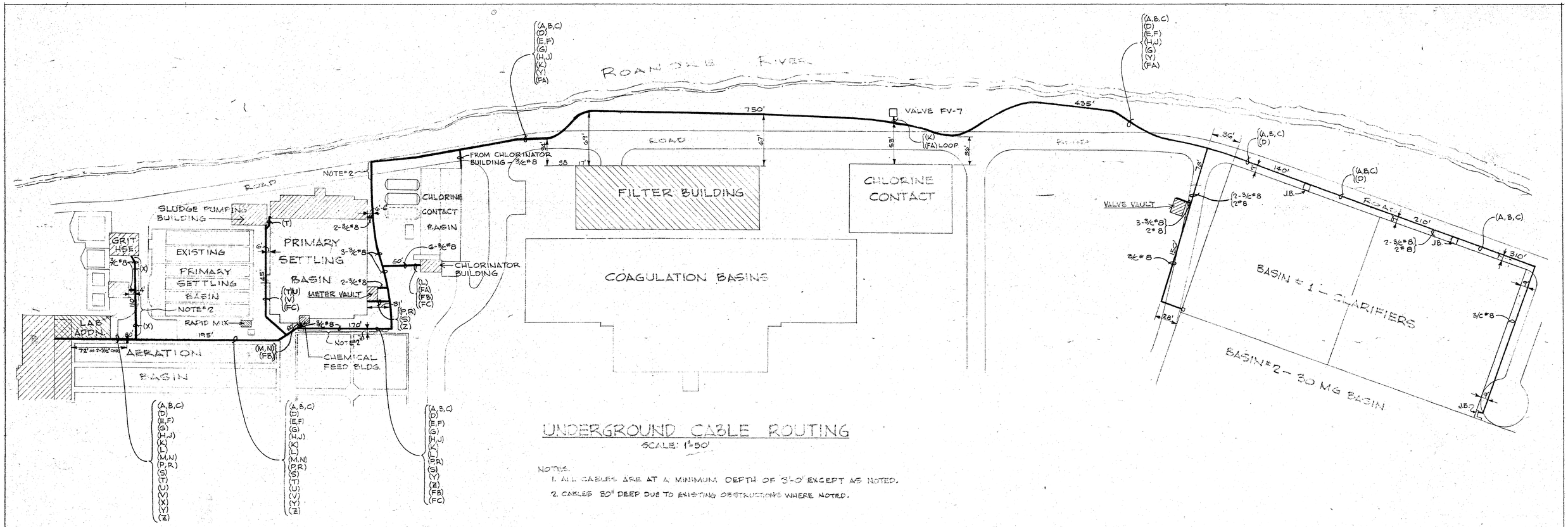

UNDERGROUND CABLE ROUTING

SCALE: 1"=50'

NOTES:

1. ALL CABLES ARE AT A MINIMUM DEPTH OF 3'-0" EXCEPT AS NOTED.
2. CABLES 30" DEEP DUE TO EXISTING OBSTRUCTIONS WHERE NOTED.

CABLE SCHEDULE

CABLE DESIGNATION	REEL DESIGNATION	CABLE TYPE	APPROX. LENGTH	FROM	TO	REMARKS
A	ABC	1-Pair #16 Shld.	2900'	Lt-14 Basin # 1	Raw Sewage Pump Rm.	Level Transmitter
B	ABC	1-Pair #16 Shld.	2900'	Lt-16 Basin # 2	" " " "	" " "
C	ABC	1-Pair #16 Shld.	2900'	Effluent Flow Meter	" " " "	Flow "
D	D	7/C #19/25	2420'+	Alarm-Clarifiers	" " " "	800' Excess Cable
E	EF	7/C #19/25	2080'	FV-5 in valve vault	" " " "	Valve Operator
F	EF	7/C #19/25	2080'	FV-6 in valve vault	" " " "	Valve Operator
G	G	9/C #19/25	2080'	FV-4 in valve vault	" " " "	Valve Operator
H	HJ	1 Pair #16 Shld.	2080'	FI-4 in valve vault	" " " "	Flow Indicator
J	HJ	1 Pair #16 Shld.	2080'	FT-4 in valve vault	" " " "	Flow Transmitter
K	K	7/C #19/25	1480'	Valve FV-7	" " " "	Valve Operator
L	L	1-Pair #16 Shld.	800'+	Chlorinator Alarm	" " " "	800' Excess Cable
M	MN	1-Pair #16 Shld.	550'	Chem.Feed Cont.Panel	" " " "	In Chem. Feed Bldg.
N	MN	1-Pair #16 Shld.	550'	Chem.Feed Cont.Panel	" " " "	In Chem. Feed Bldg.
P	PR	1-Pair #16 Shld.	750'	FI-3 in meter vault	" " " "	Flow Ind.-700' Spare Coil
R	PR	1-Pair #16 Shld.	750'	FT-3 in meter vault	" " " "	Flow Trans.-" " "
S	S	7/C #19/25	750'+	FV-3 in meter vault	" " " "	430' Excess Cable
T	TUX	2/C #12	As Requ'd.	Alarm-Prim.Settl.Basin	" " " "	Pull & Cut as Req'd.
U	TUX	2/C #12	As Req'd.	Sludge Pumping Bldg.	" " " "	Cont.PNL-" " "
V	V	12/C #19/25	730'	Sludge Pumping Bldg.	" " " "	From Pump Starters
X	TUX	2/C #12	As Req'd.	Alarm-Grit House	" " " "	Pull & Cut as Req'd.
Y	Y	6 Pair #16 Shld.	2080'+	FV-4 in valve vault	" " " "	900 Excess cable
Z	Z	6 Pair #16 Shld.	750'+	FV-3 in meter vault	" " " "	200' Excess cable
FA	FA-FB	3/C #4	As Req'd.	J.B. in valve vault	PNL at Chlor.Bldg.	Cut as Req'd.
FB	FA-FB	3/C #4	330'	PNL at Chlor. Bldg.	Chemical Feed Bldg.	Remainder of cut
FC	FC	3/C #2	490'	PNL at Chlor. Bldg.	Sludge Pumping Bldg.	

"AS BUILT"

(11)

UNDERGROUND CABLE ROUTING
FOR
ROANOKE SEWAGE TREATMENT PLANT
(CONTRACT C & D)
PIZZAGALLI CORP. - GENERAL CONTRACTOR
PREPARED BY:
DAVIS H. ELLIOT CO., INC.
4-22-75