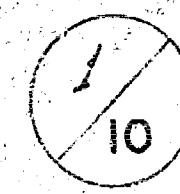
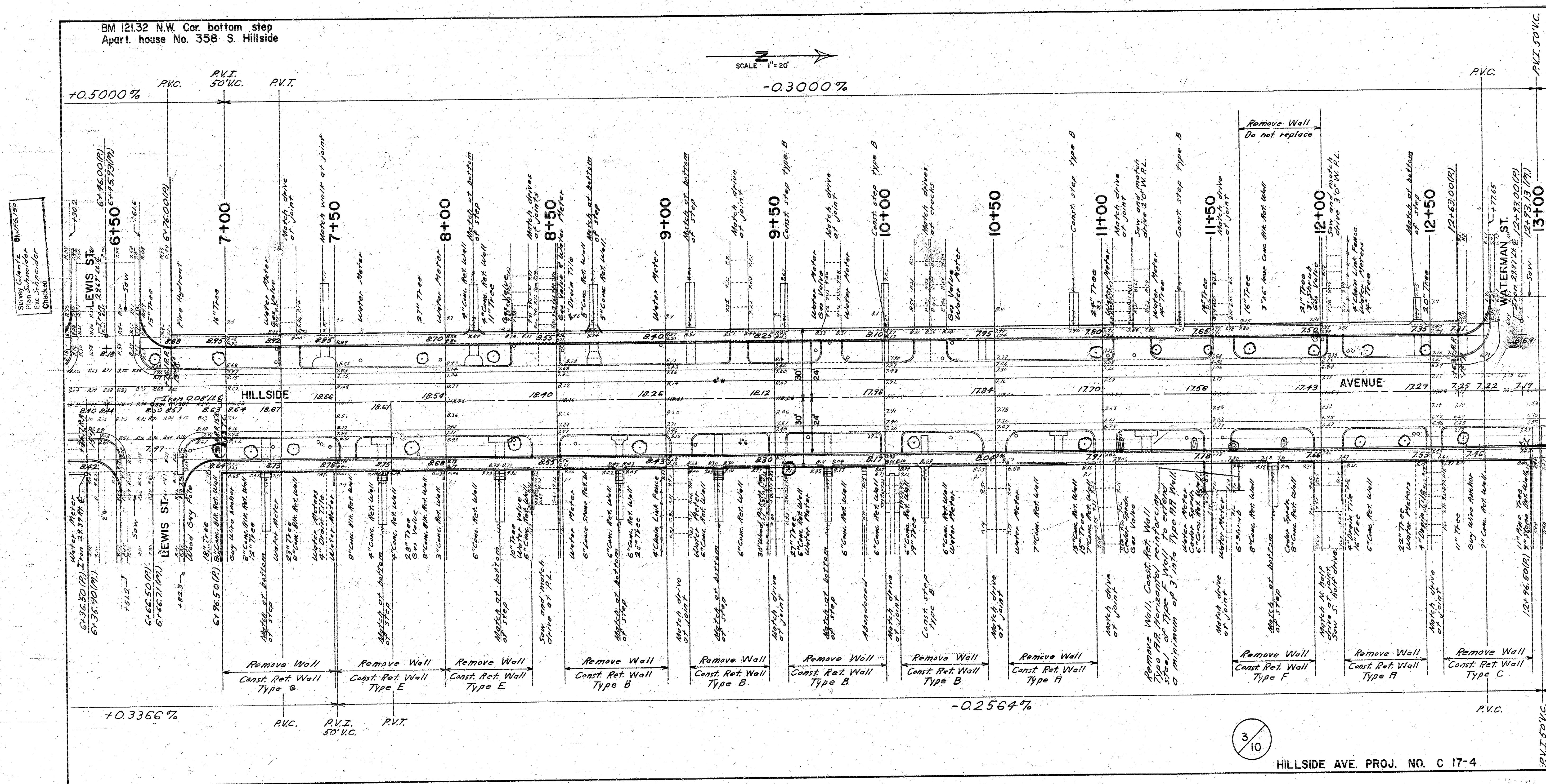


PROJECT NO. C 17-4



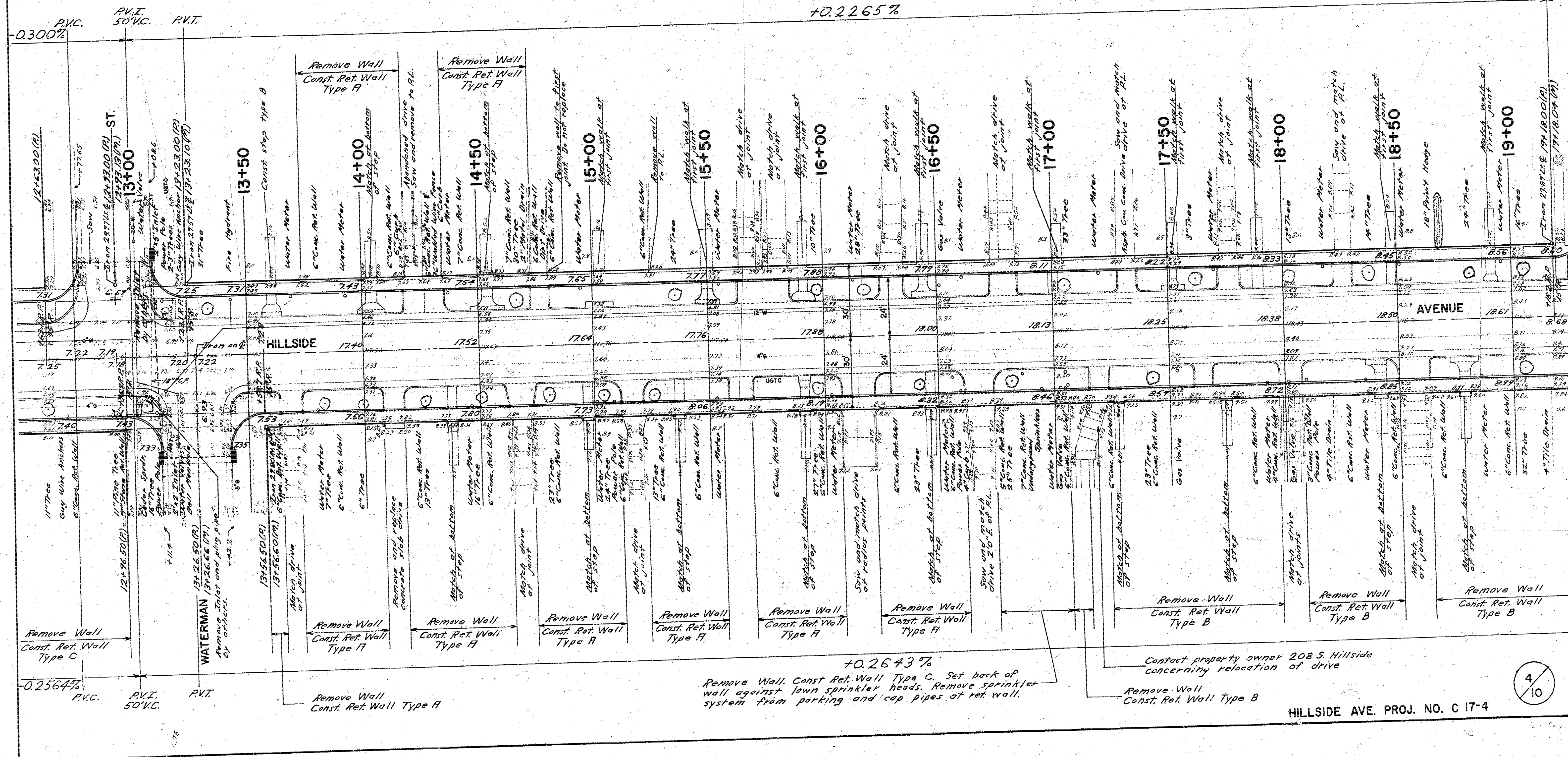




BM 11740 R.R. spike E. side P.P.
N.W. Cor. Hillside & Waterman

SCALE 1"=20'

+0.2265%



+0.2643%
Remove Wall, Const. Ret. Wall Type C. Set back of wall against lawn sprinkler heads. Remove sprinkler system from parking and cap pipes at ret. wall.

Contact property owner 208 S. Hillside concerning relocation of drive

Remove Wall Const. Ret. Wall Type B

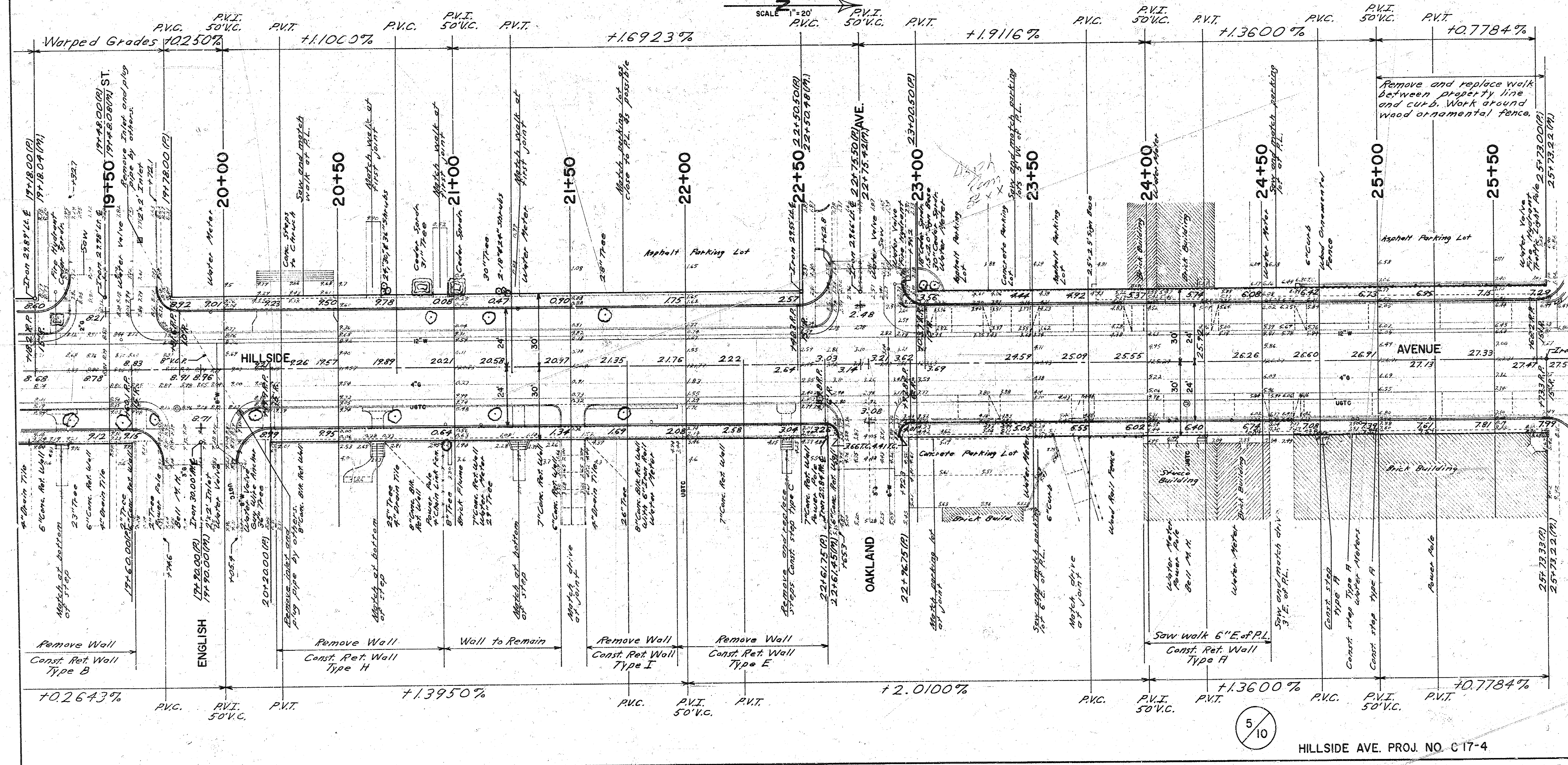
HILLSIDE AVE. PROJ. NO. C 17-4

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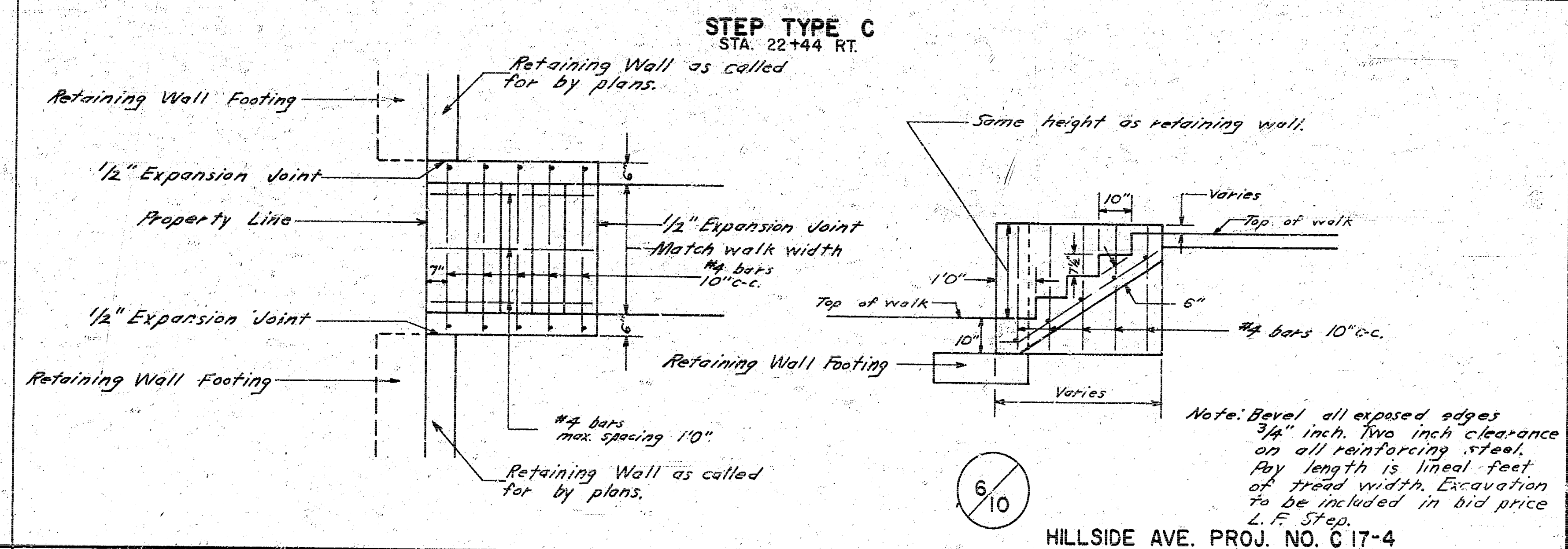
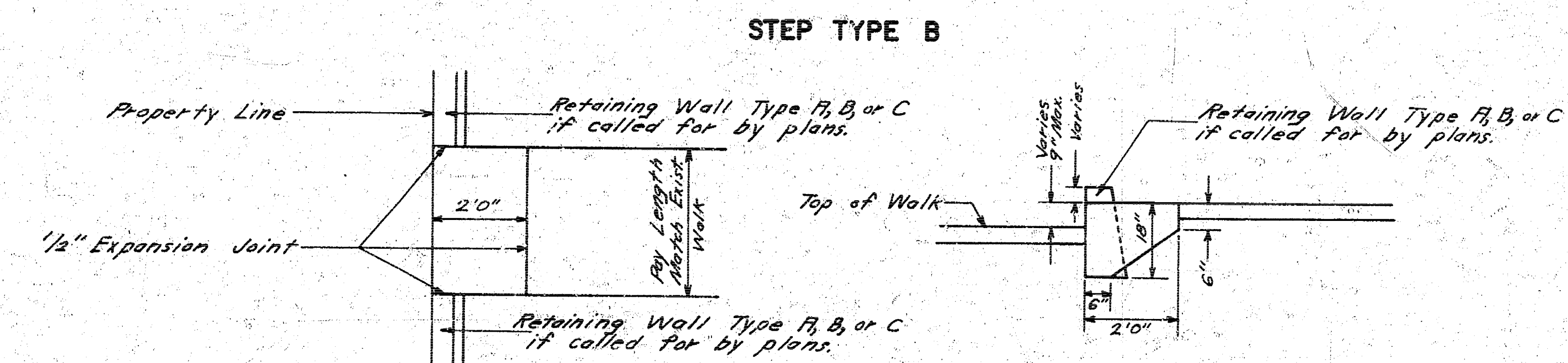
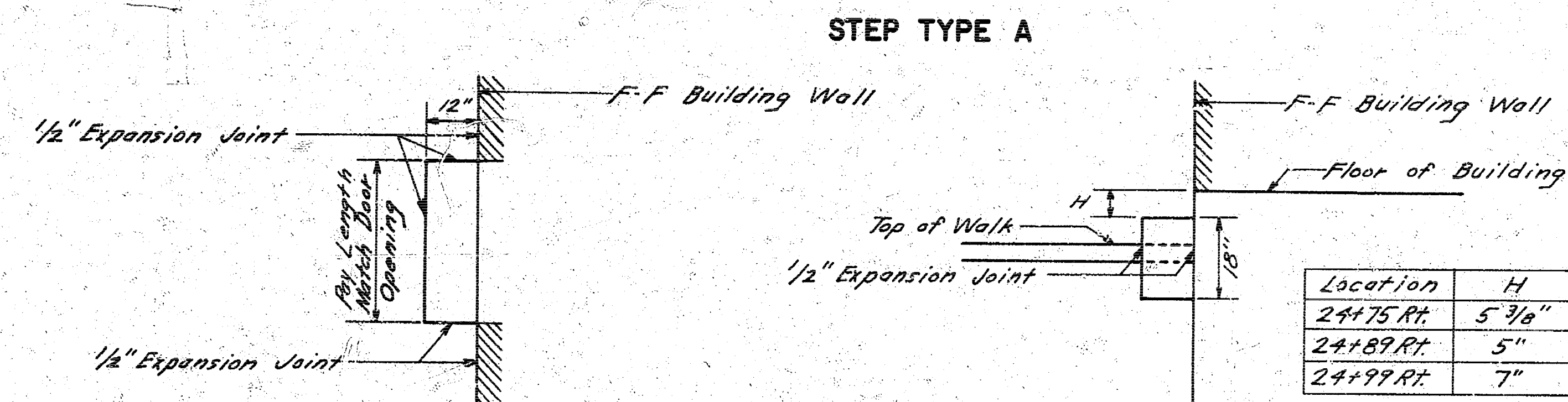
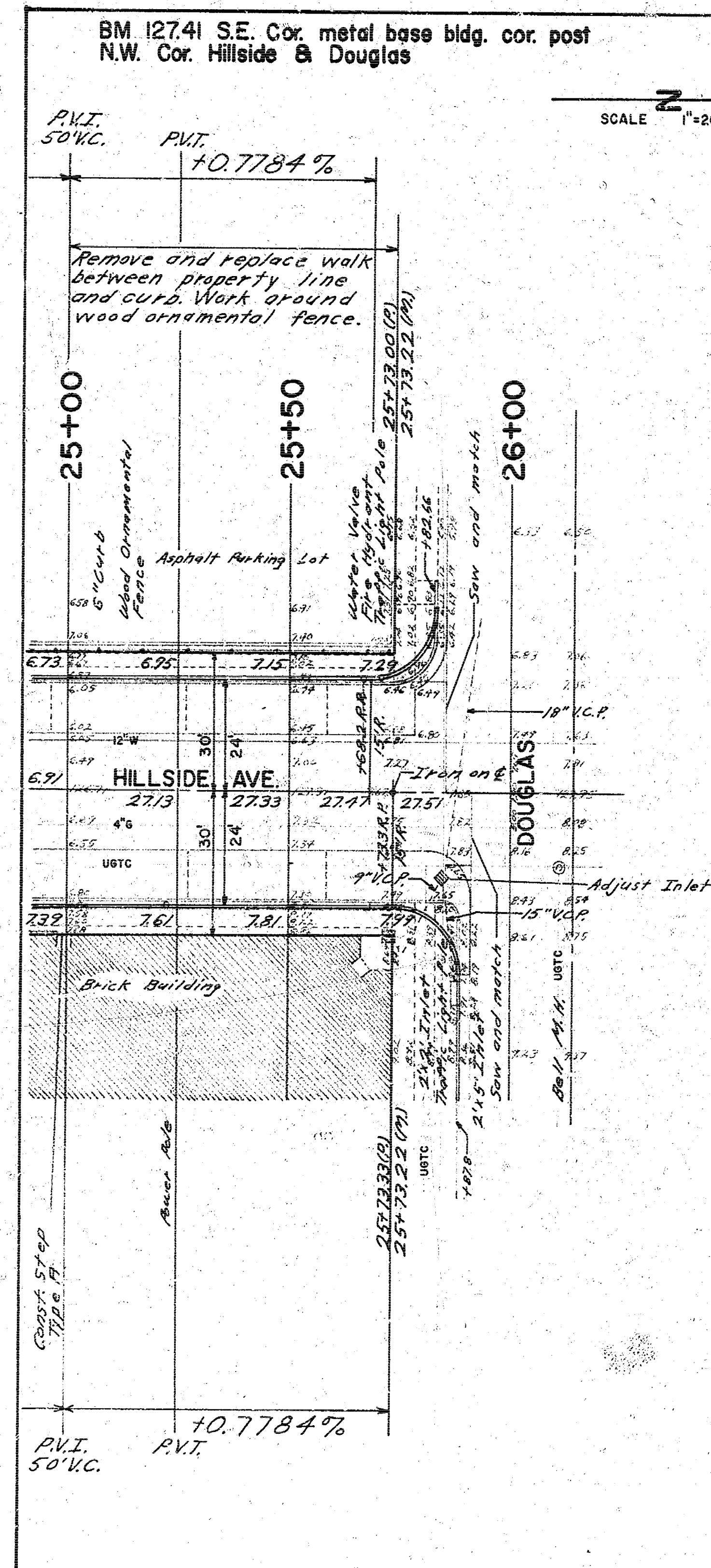
BM 12196 NE Cor brick handrail S. side steps
House No. 201 S. Hillside

BM 12421 Top bolt S.E. cor. conc. sign base
N.W. Cor. Hillside & Oakland

SCALE 1"=20'

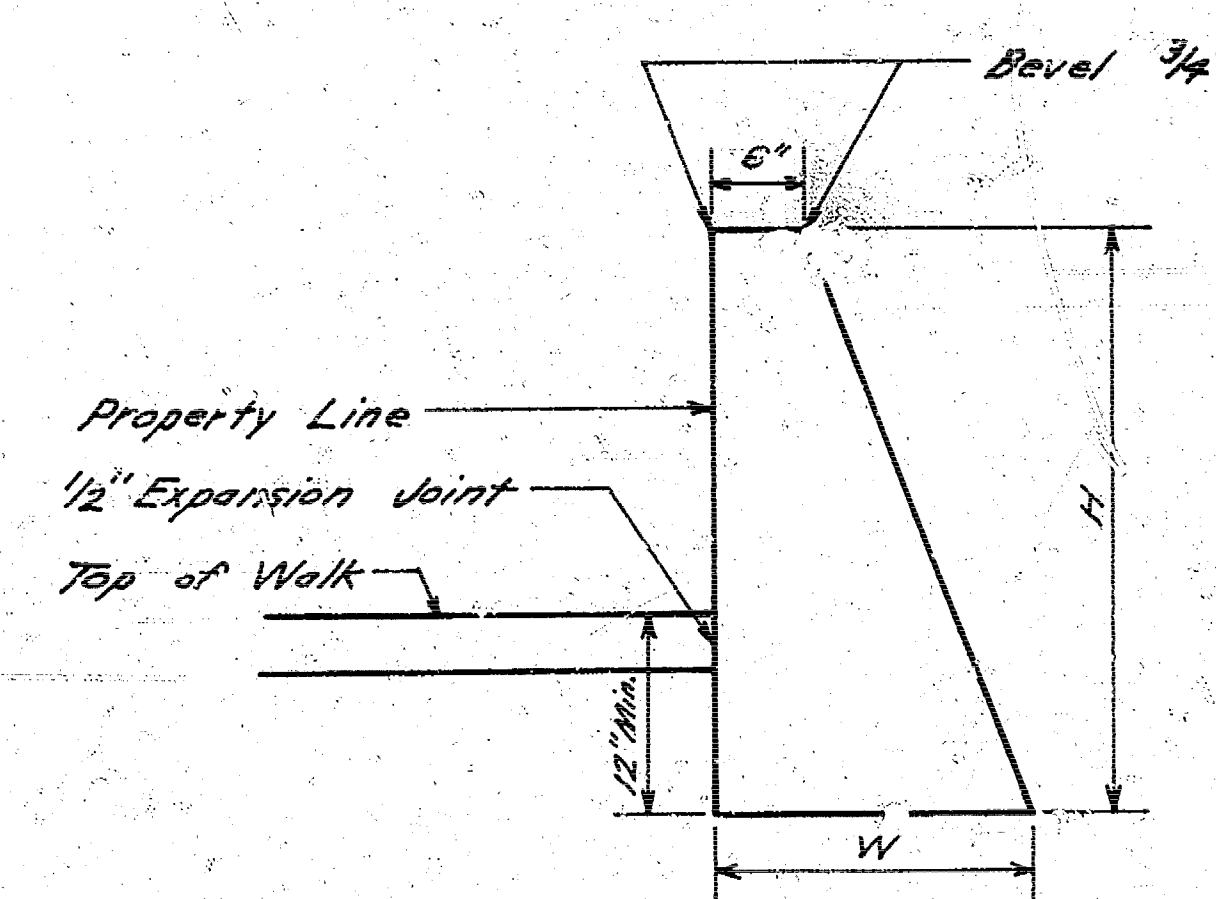


HILLSIDE AVE. PROJ. NO. C-17-4

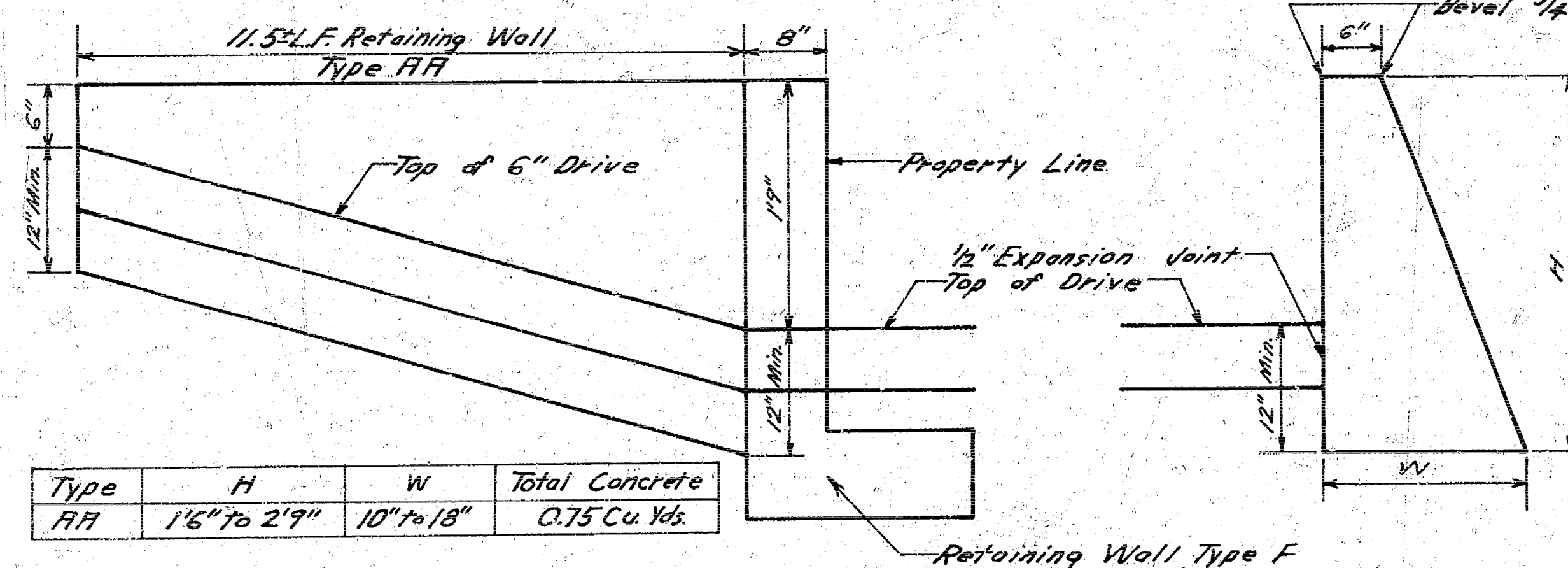


RETAINING WALL TYPE A,B, & C

Type	H	W	C.Y. Concrete/Lin. Ft.
A	1'6"	10"	0.0372
B	1'9"	11"	0.0460
C	2'0"	13"	0.0585



RETAINING WALL TYPE AA DRIVEWAY STA. 11+55 RT.



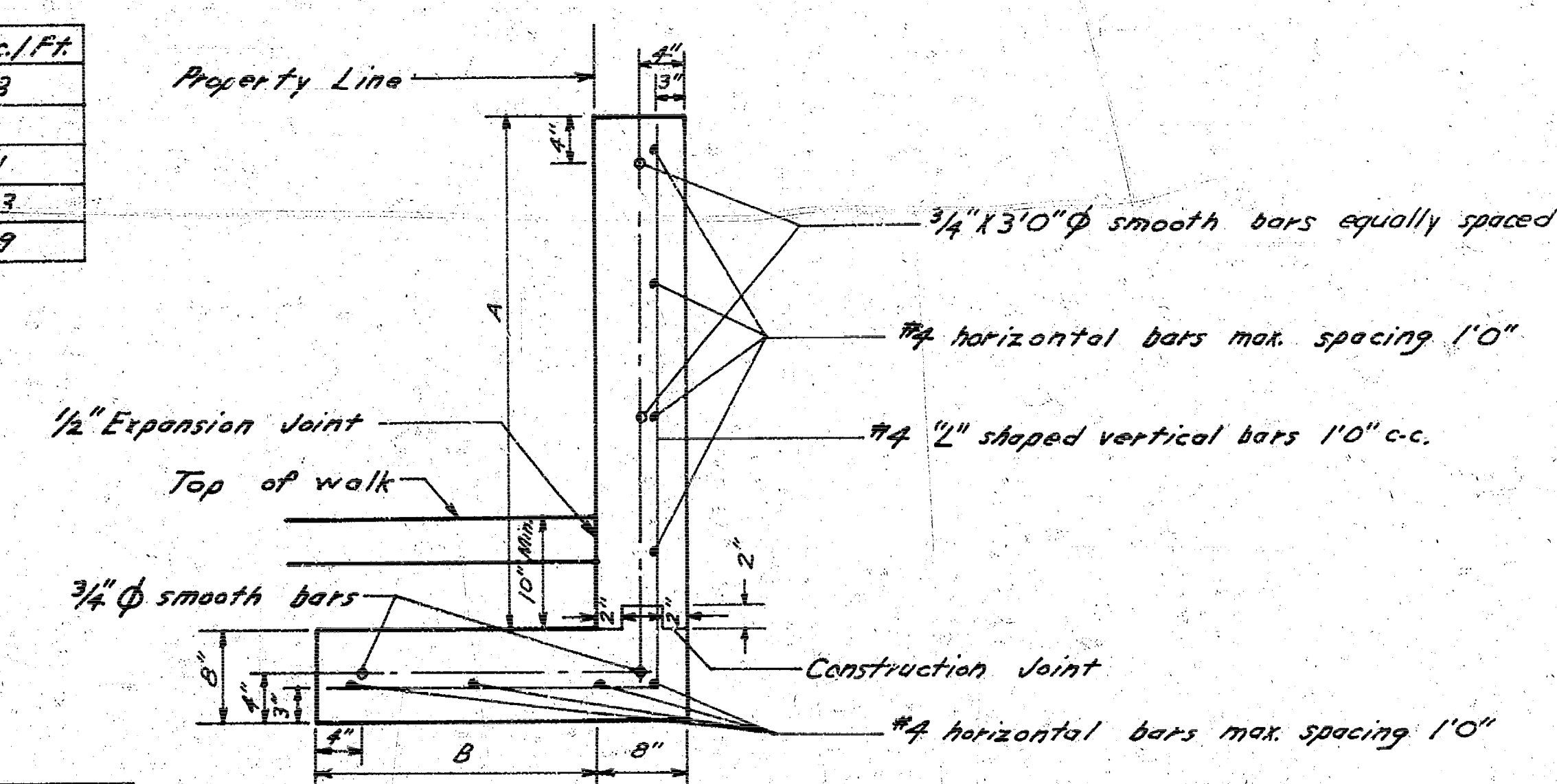
Type	H	W	Total Concrete
AA	1'6" to 2'9"	10" to 18"	0.75 Cu. Yds.

Note: All new retaining walls to join existing walls as directed by the engineer. Taper ends of walls not joining stops or walls in the last three feet. Bevel all exposed edges 3/4". Excavation not to be paid for separately and is to be included in bid price L.F. Retaining Wall Concrete to be City of Wichita paving mix.

RETAINING WALL TYPE E,F,G,H, & I

Type	A	B	C.Y. Conc./Ft.
E	2'4"	1'0"	0.0993
F	2'7"	1'3"	0.1119
G	2'10"	1'3"	0.1181
H	3'4"	1'6"	0.1363
I	3'10"	1'6"	0.1489

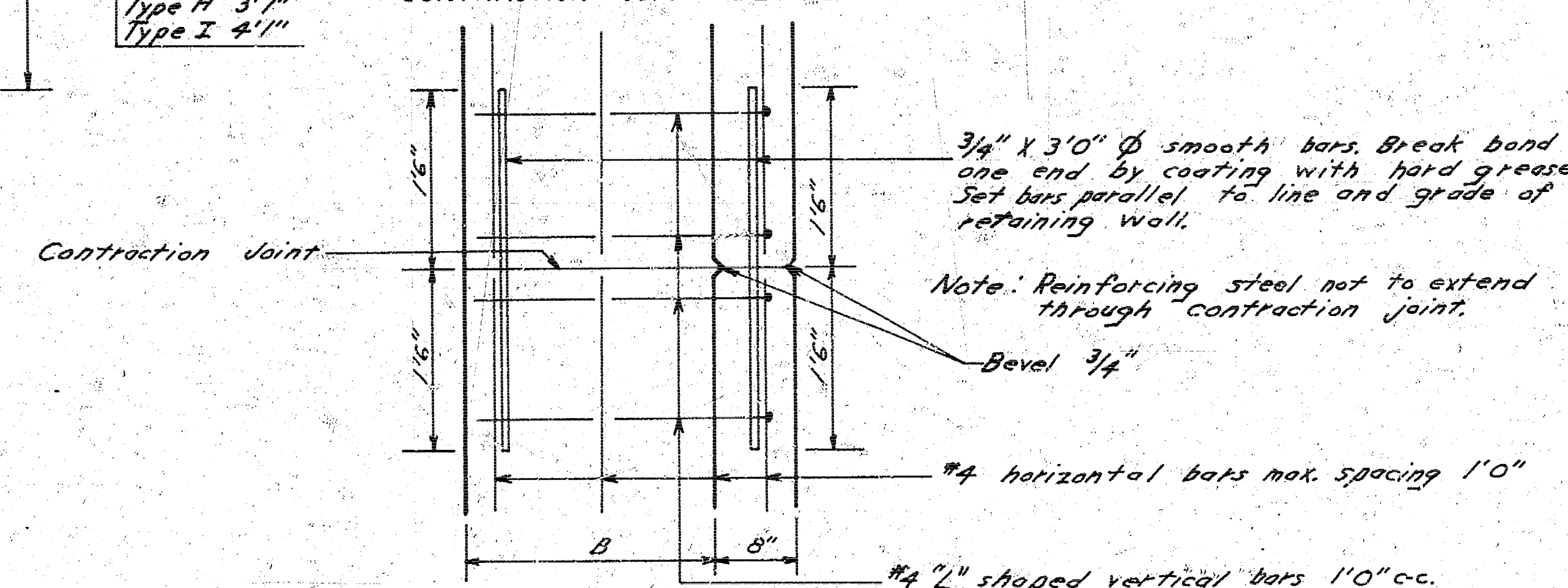
Vertical Bar Bending Diagram



Type E	2'7"
Type F	2'10"
Type G	3'1"
Type H	3'7"
Type I	4'1"

Type E	1'3"
Type F & G	1'6"
Type H & I	1'9"

CONTRACTION JOINT DETAIL



Note: Maximum spacing of contraction joints to be 15'. All new retaining walls to join existing walls as directed by the engineer. Bevel all exposed edges 3/4". Delete footing from retaining wall where necessary to replace walls along existing steps. Excavation and contraction joints are not to be paid for separately but are to be included in the bid price L.F. Retaining Wall. Reinforcing steel to be paid for separately as L.F. Reinforcing Steel. Concrete to be City of Wichita paving mix.

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HILLSIDE AVE. PROJ. NO. C 17-4

Survey Sheet 776.00
 E. L. Smith
 Engineer

