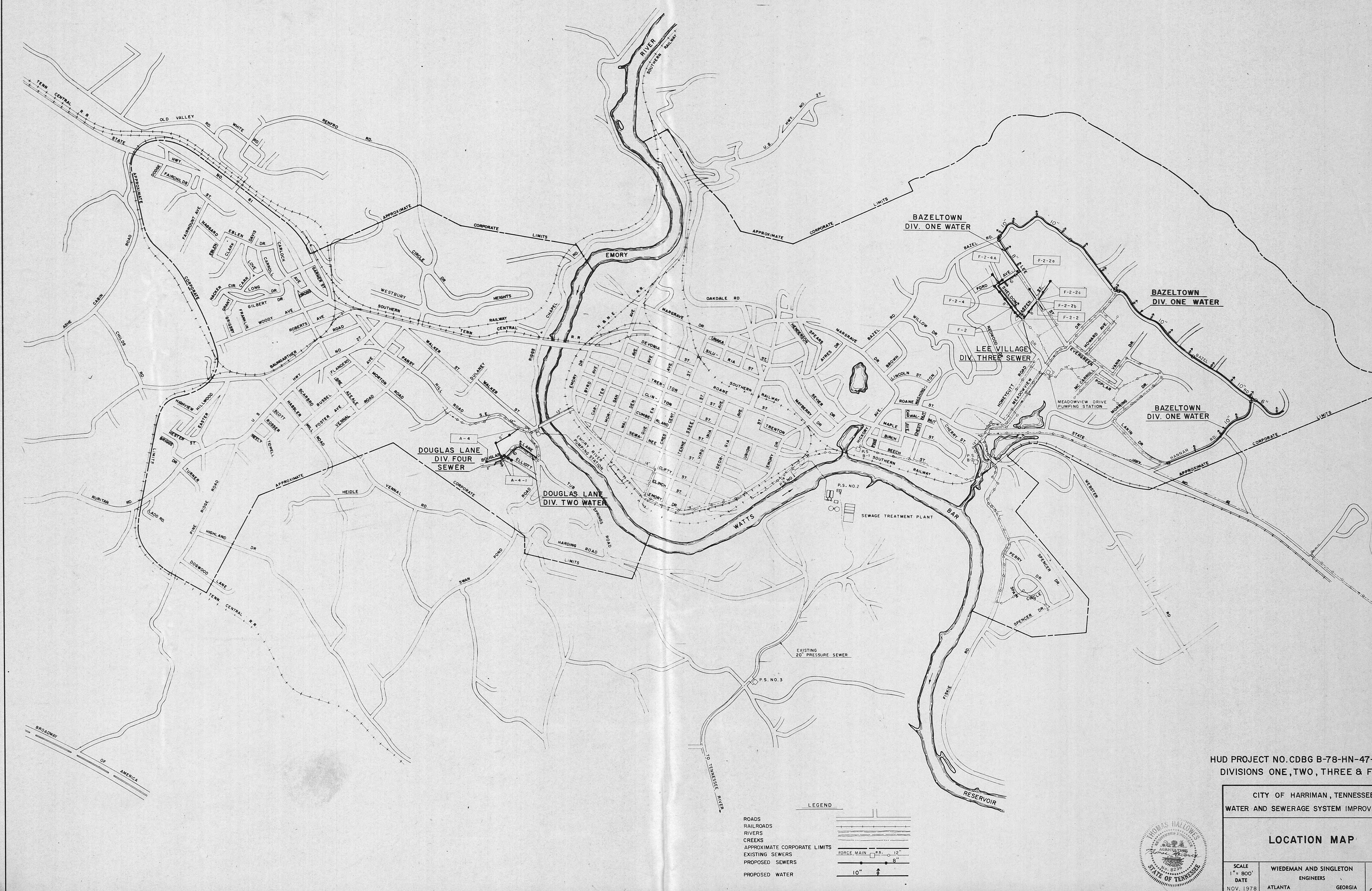




HUD PROJECT NO. CDBG B-78-HN-47-0
DIVISIONS ONE, TWO, THREE & FOUR

CITY OF HARRIMAN, TENNESSEE
WATER AND SEWERAGE SYSTEM IMPROVEMENT

LOCATION MAP

SCALE 1" = 800'	WIEDEMAN AND SINGLETON ENGINEERS
DATE NOV. 1978	ATLANTA GEORGIA

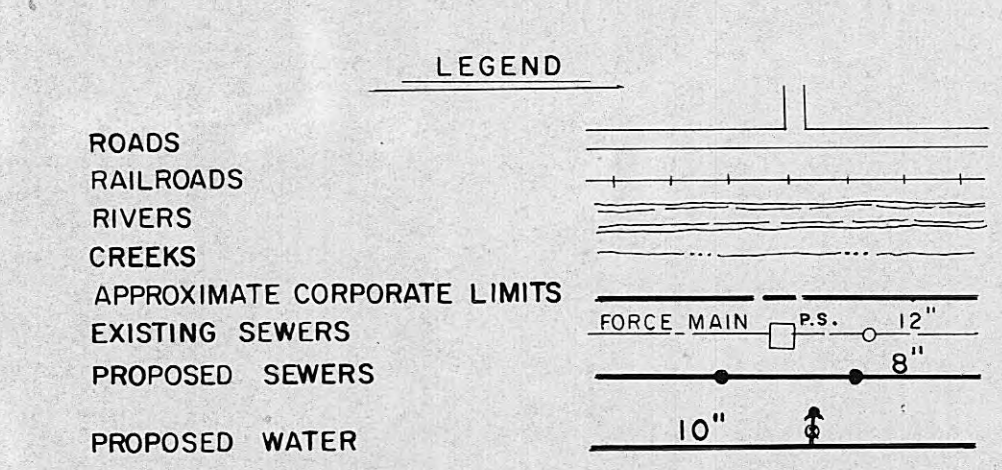


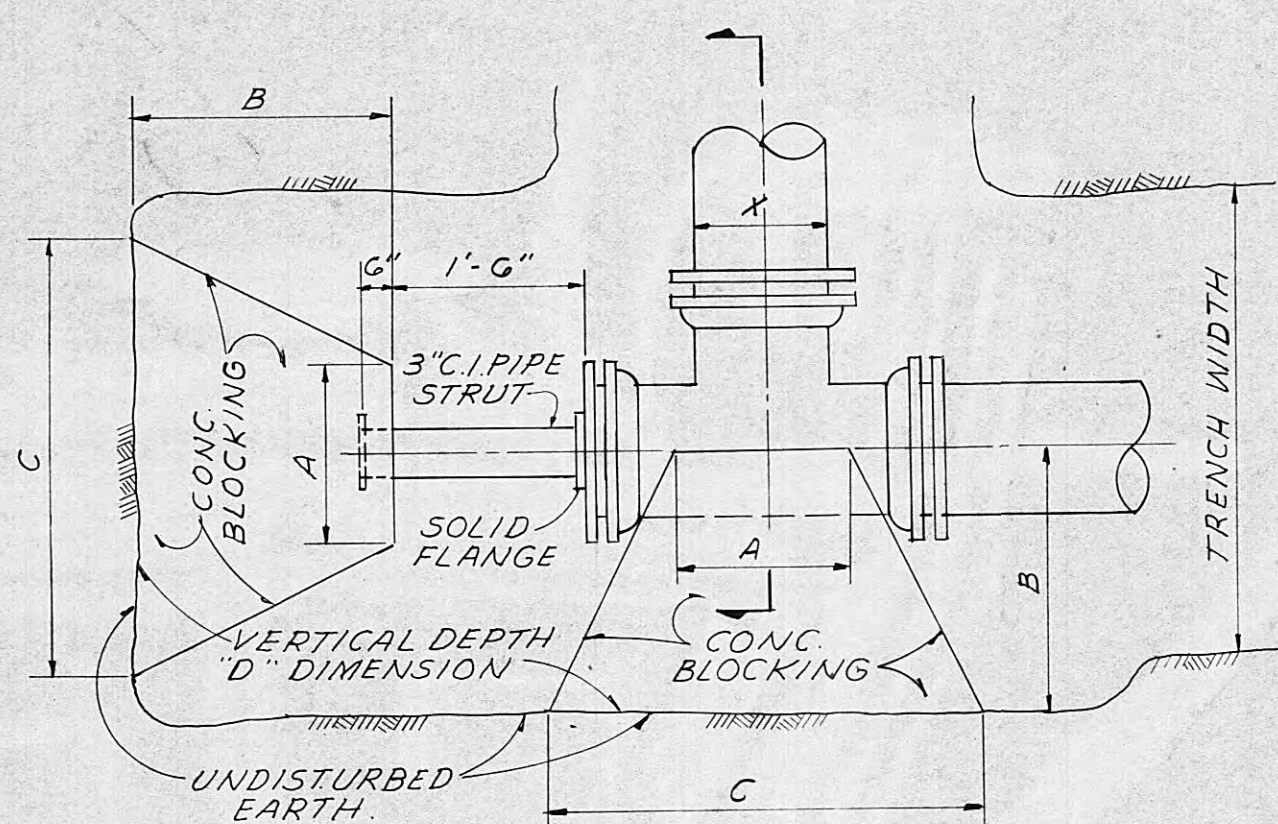
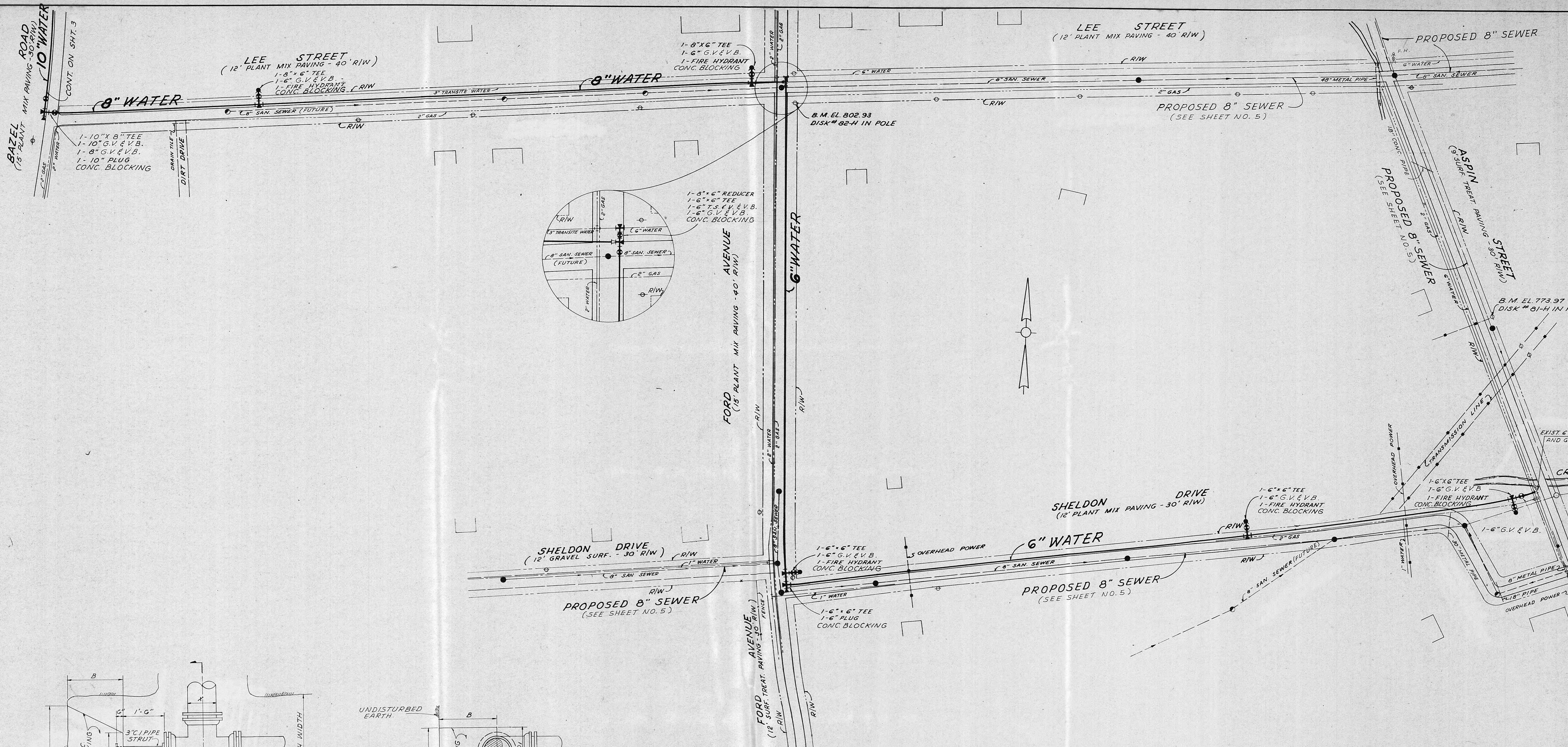
HUD PROJECT NO. CDBG B-78-HN-47
DIVISIONS ONE, TWO, THREE & F

CITY OF HARRIMAN, TENNESSEE
WATER AND SEWERAGE SYSTEM IMPROV

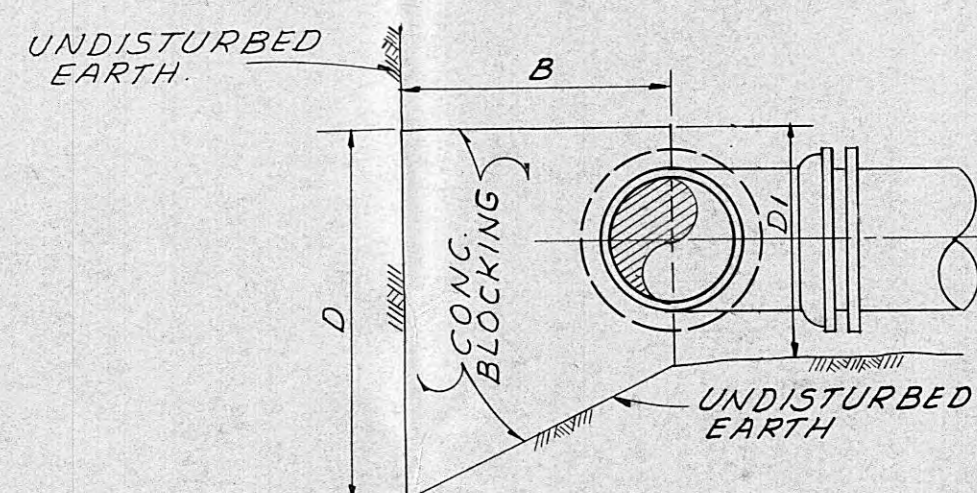
LOCATION MAP

SCALE 1" = 800'	WIEDEMAN AND SINGLETON ENGINEERS
DATE NOV. 1978	ATLANTA GEORGIA

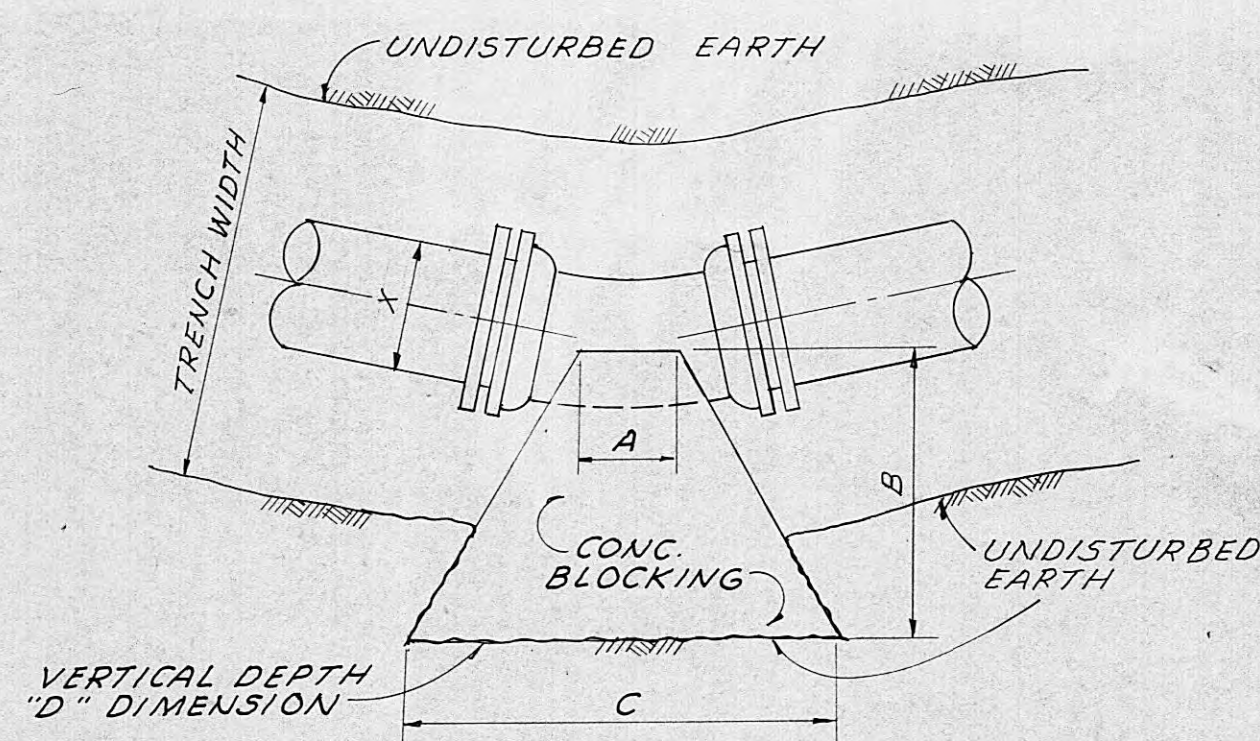




TEES



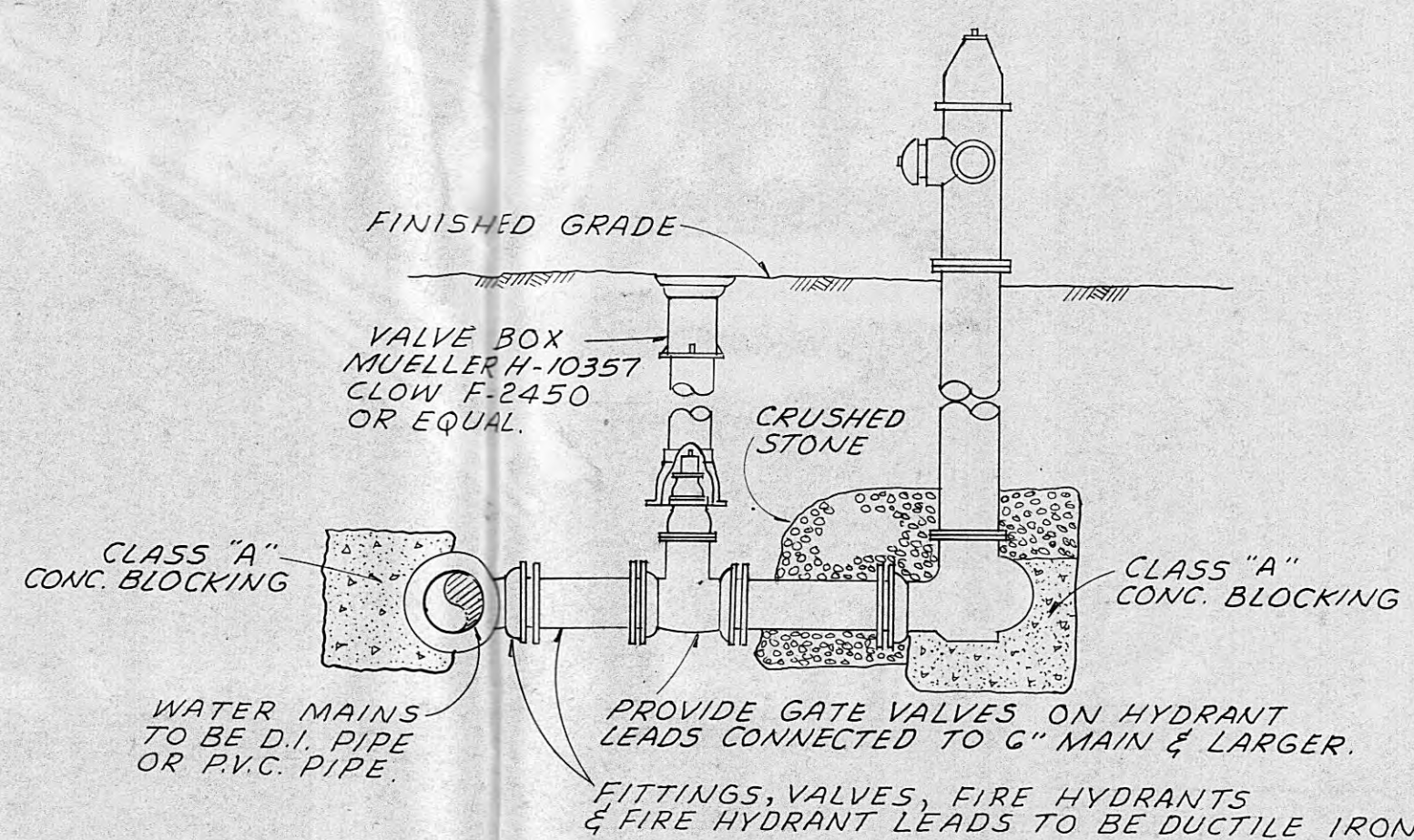
SECTION



BENDS

TYPICAL BLOCKING DETAILS
N.T.S.
(DIVISIONS ONE & TWO)

CONC. BLOCKING DIMENSIONS					
X	A	B	C	D	DI
TEES-10" RUN					
10"	1'-2"	1'-10"	3'-0"	2'-4"	1'-10"
8"	1'-0"	1'-6"	2'-4"	1'-10"	1'-10"
6"	0'-10"	1'-6"	2'-2"	1'-2"	0'-10"
4"	0'-8"	1'-6"	2'-0"	1'-0"	0'-10"
TEES-8" RUN					
8"	1'-0"	1'-6"	2'-6"	1'-8"	1'-8"
6"	0'-10"	1'-6"	2'-4"	1'-0"	1'-0"
TEES-6" RUN					
6"	0'-10"	1'-6"	2'-4"	1'-0"	1'-0"
90° BEND					
10"	1'-0"	2'-4"	3'-4"	2'-8"	1'-10"
8"	0'-10"	2'-2"	3'-0"	2'-0"	1'-8"
6"	0'-8"	1'-4"	2'-0"	1'-8"	1'-0"
45° BEND					
10"	0'-6"	2'-2"	2'-8"	1'-10"	1'-10"
8"	0'-6"	1'-6"	2'-0"	1'-8"	1'-8"
6"	0'-6"	1'-6"	2'-0"	1'-0"	1'-0"
22½° BEND					
10"	0'-6"	1'-4"	1'-6"	1'-10"	1'-10"
8"	0'-6"	1'-4"	1'-4"	1'-8"	1'-8"
6"	0'-6"	1'-0"	1'-0"	1'-0"	1'-0"
11¼° BEND					
10"	0'-6"	1'-4"	1'-4"	1'-0"	1'-0"
8"	0'-6"	1'-0"	1'-0"	1'-0"	1'-0"
6"	0'-6"	1'-0"	1'-0"	1'-0"	1'-0"
PLUG - SAME AS TEE EXCEPT THAT THE LARGER SIZE IN UNEQUAL RUNS SHALL BE USED.					
NOTE: BLOCKING DESIGNED FOR 200 P.S.I. TEST PRESSURE AND 2500 P.S.F. SOIL PRESSURE.					



TYPICAL DETAIL OF HYDRANT INSTALLATIONS
N.T.S.
(DIVISIONS ONE & TWO)

HUD PROJECT NO. CDBG B-78-HN-47-00
DIVISION ONE

CITY OF HARRIMAN, TENNESSEE
WATER AND SEWERAGE SYSTEM IMPROVEMENT

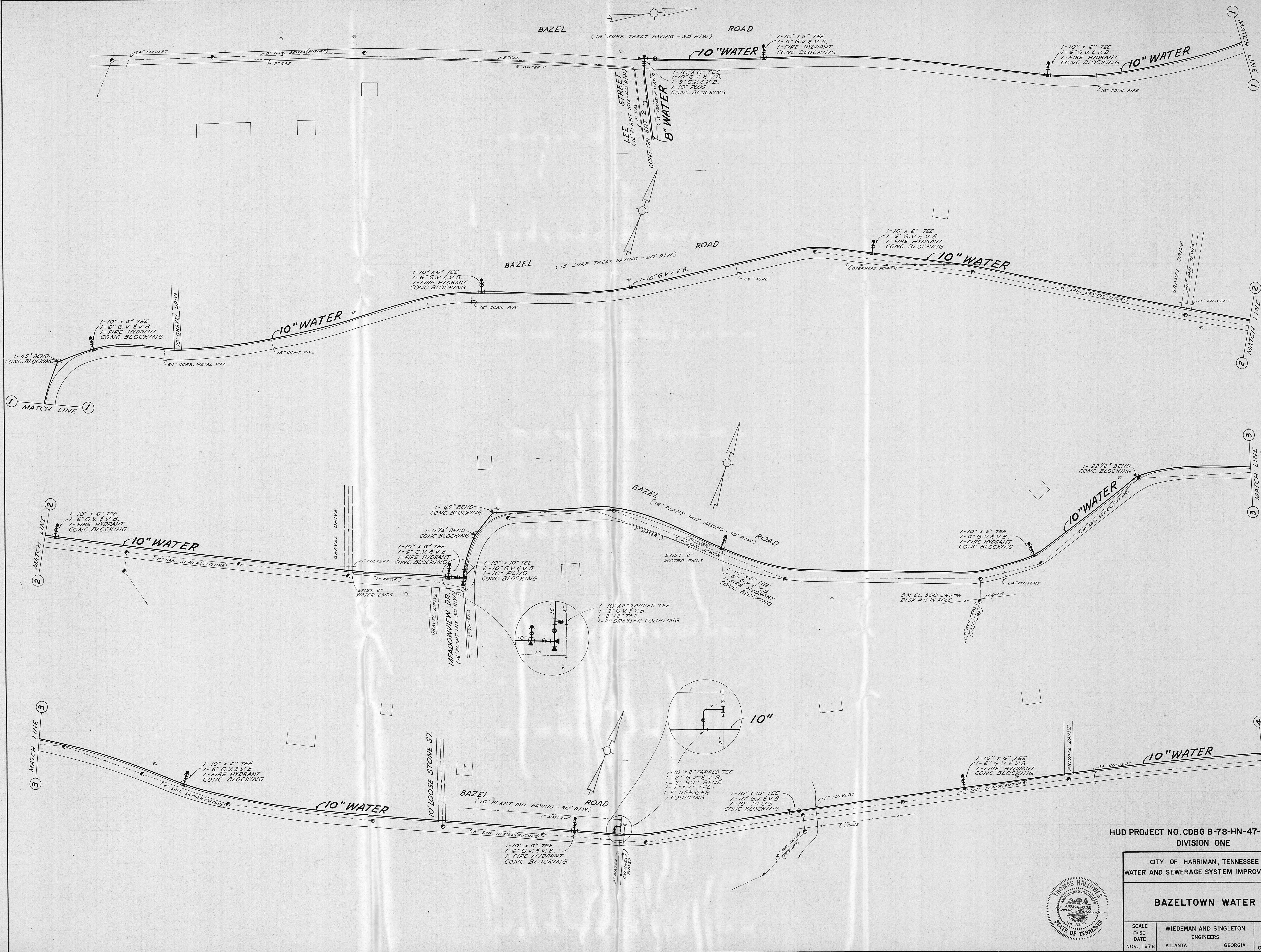
BAZELTOWN WATER



SCALE
1"=50'
DATE
NOV. 1978

WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA
GEORGIA

SH
OF



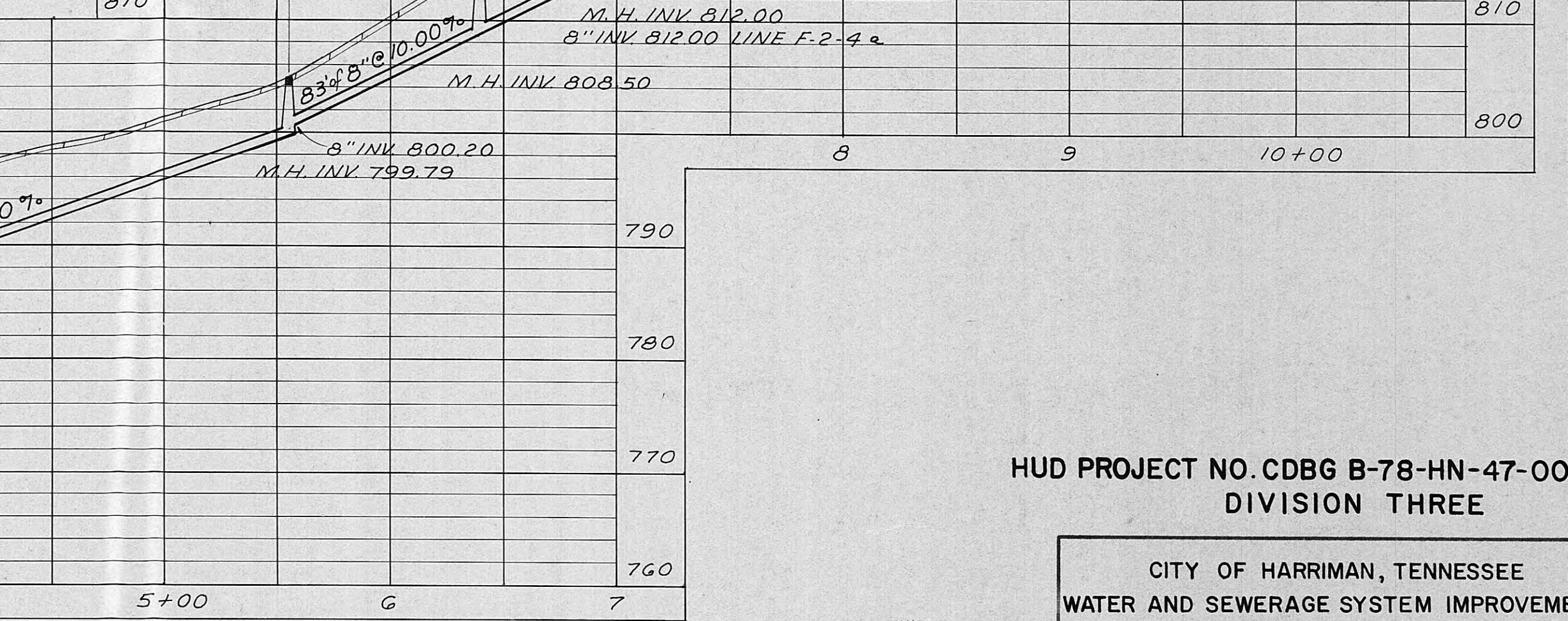
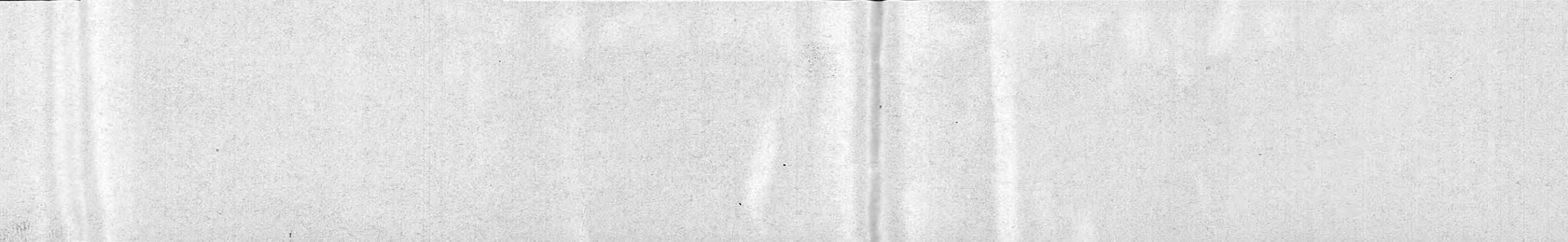
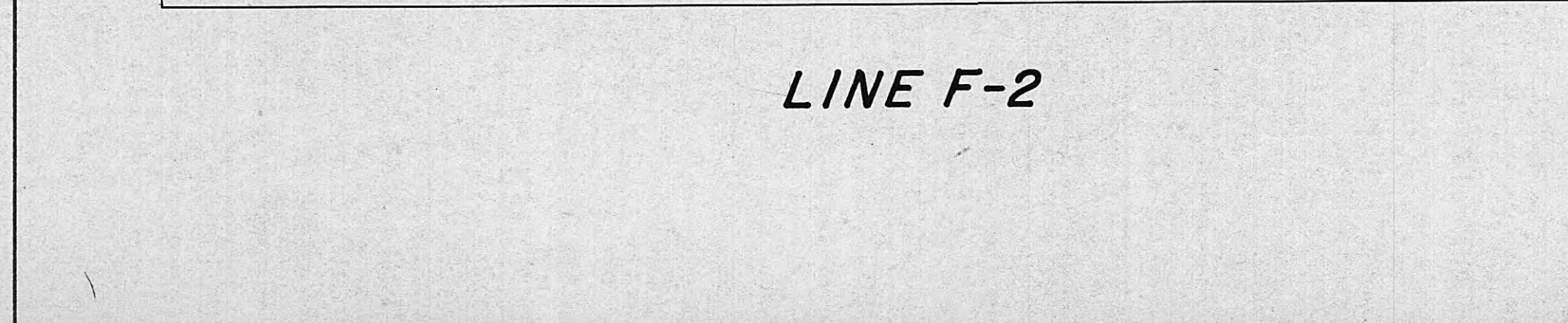
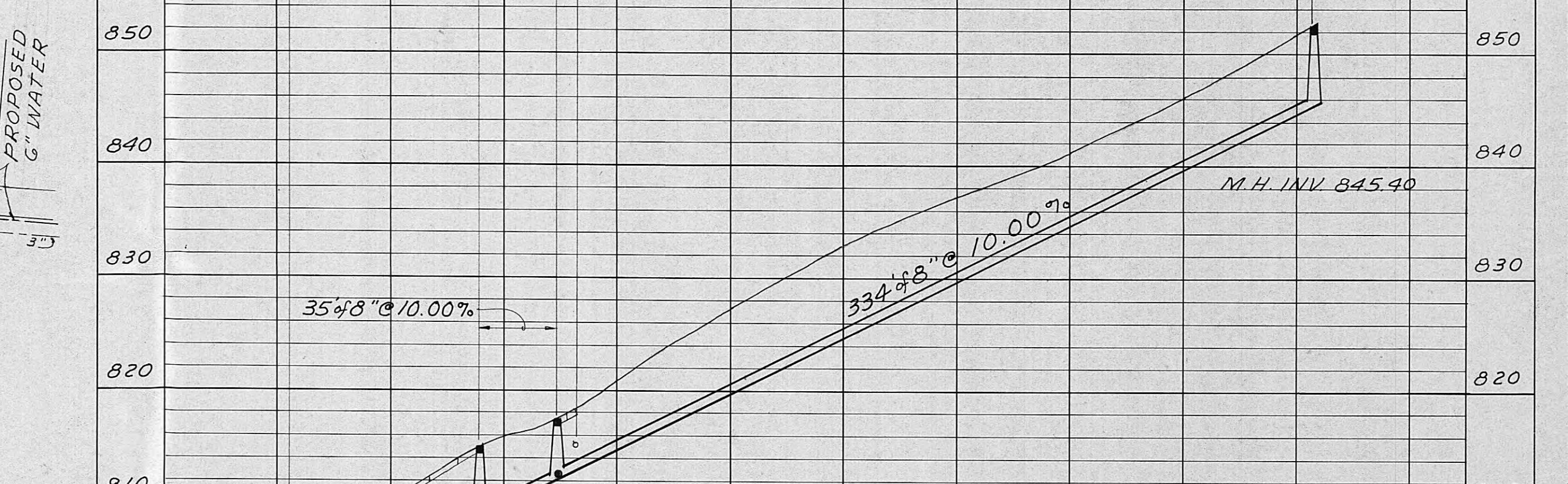
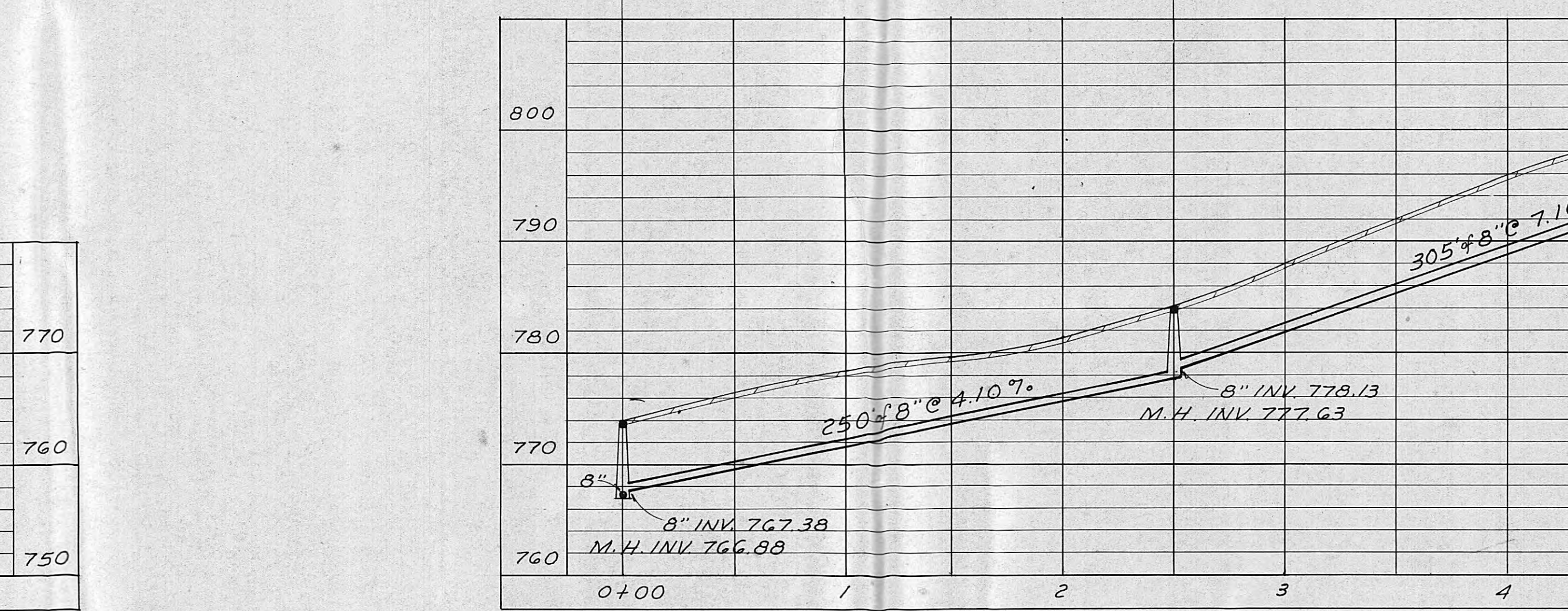
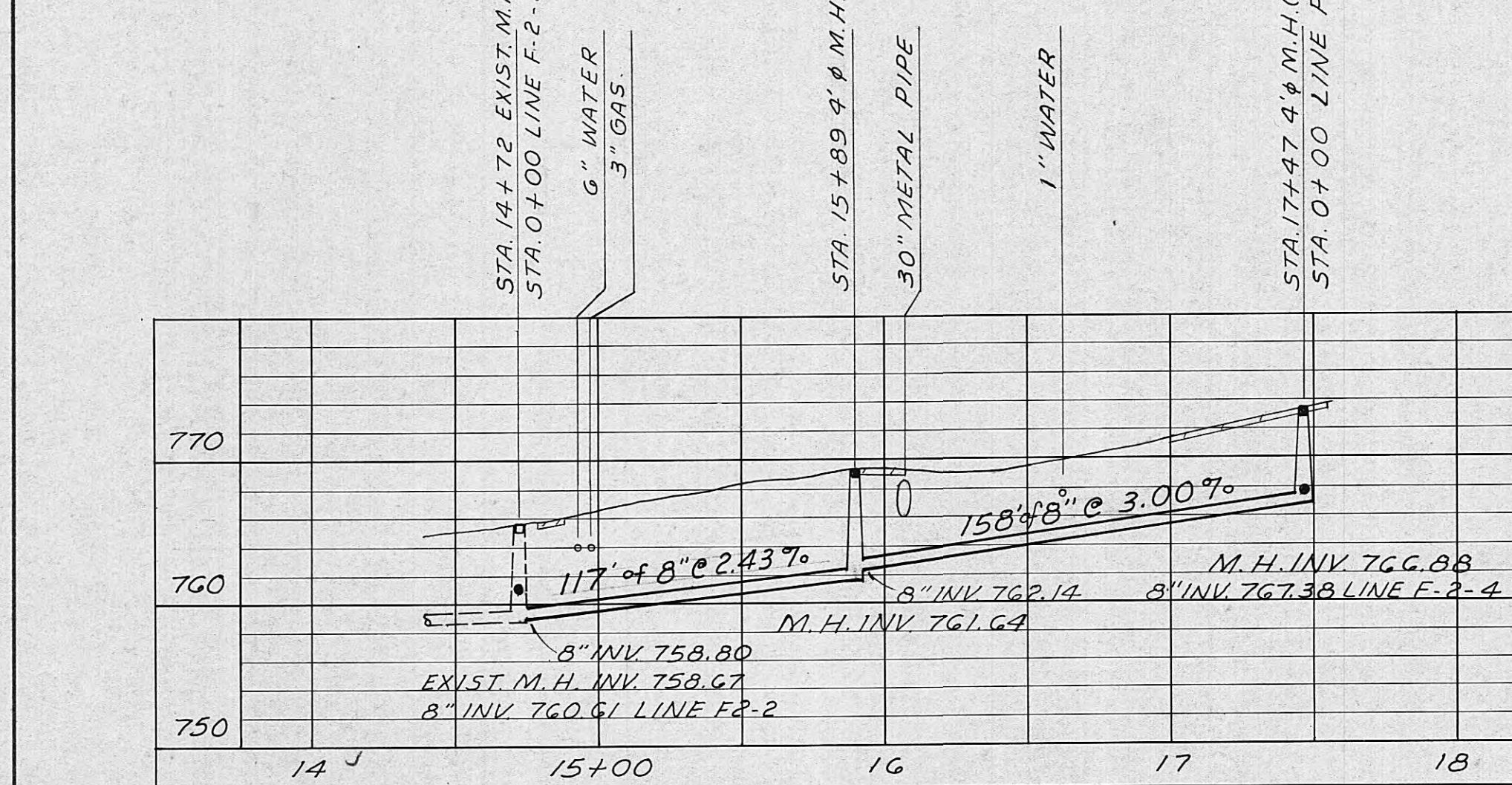
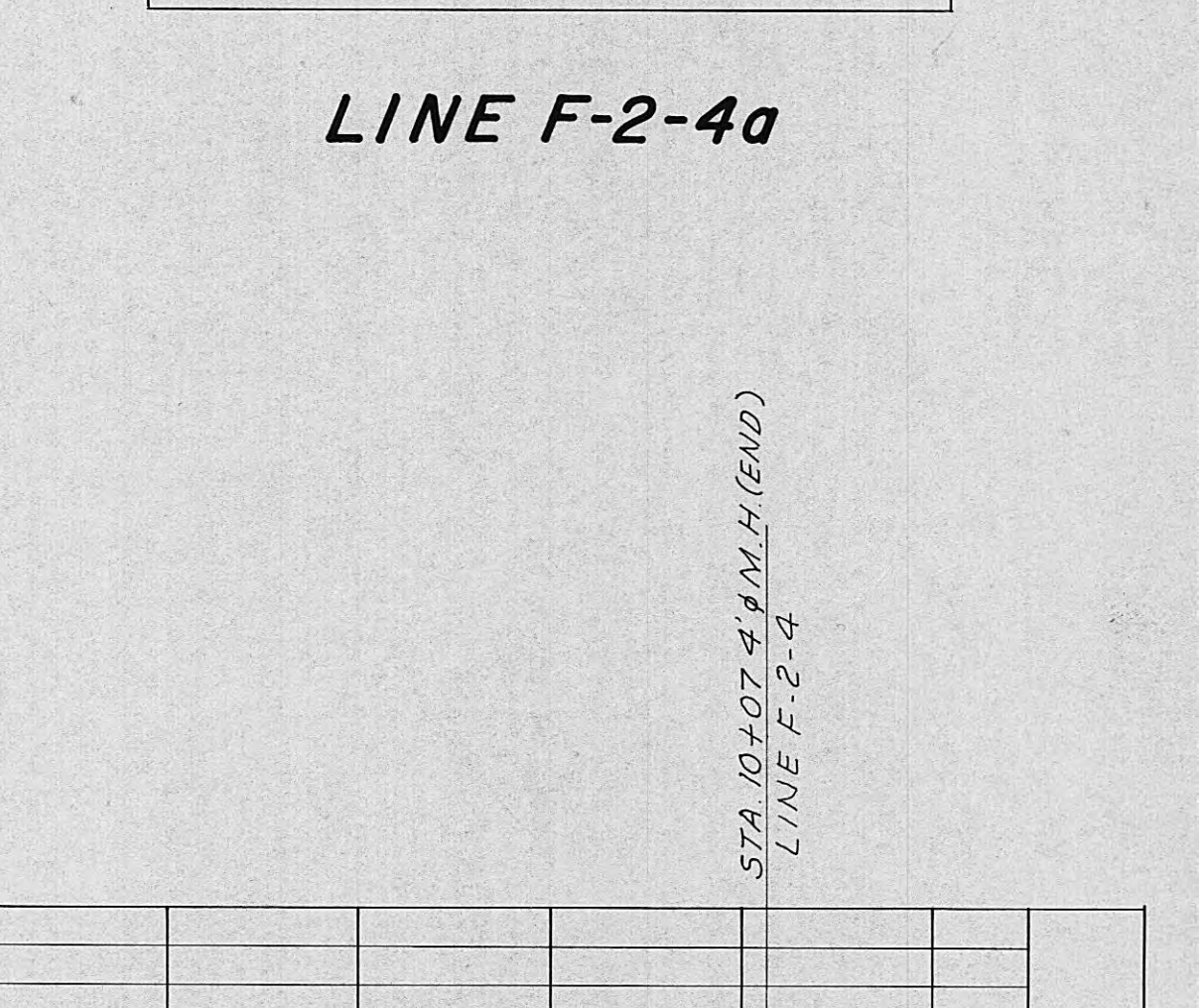
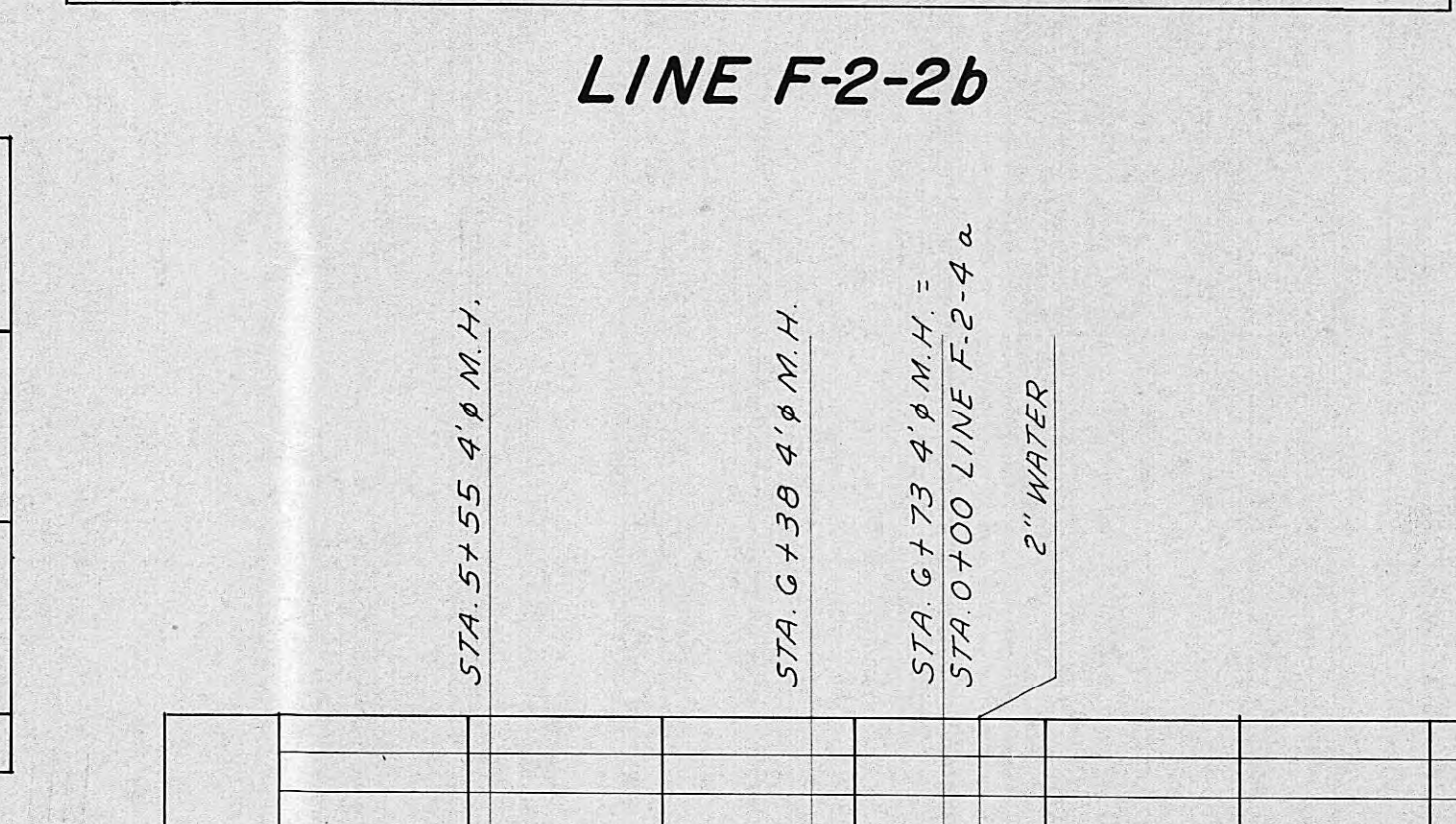
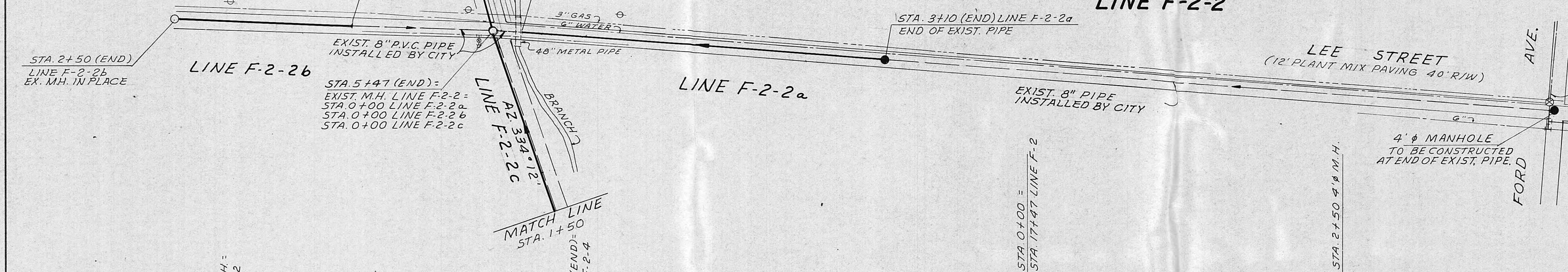
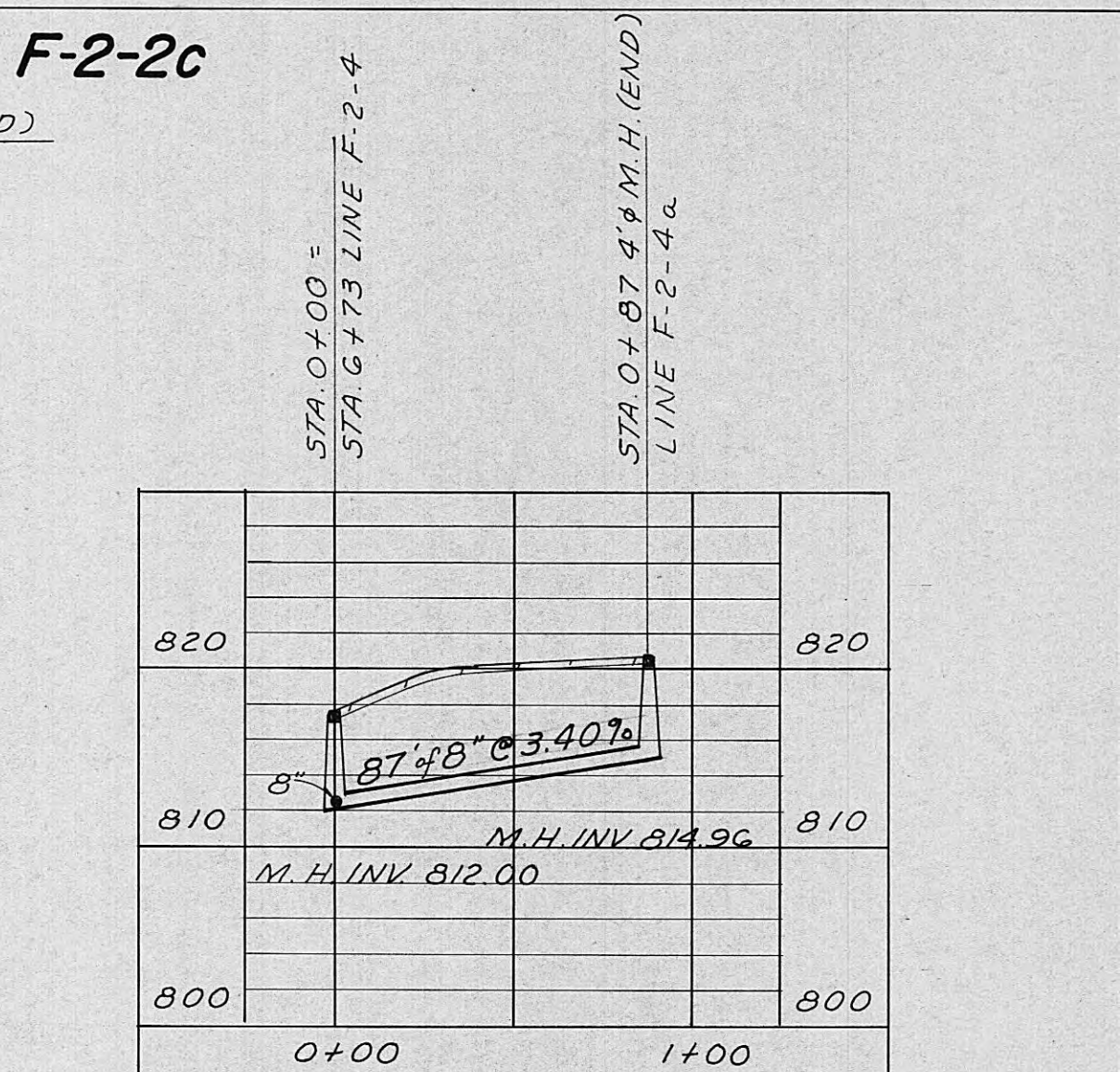
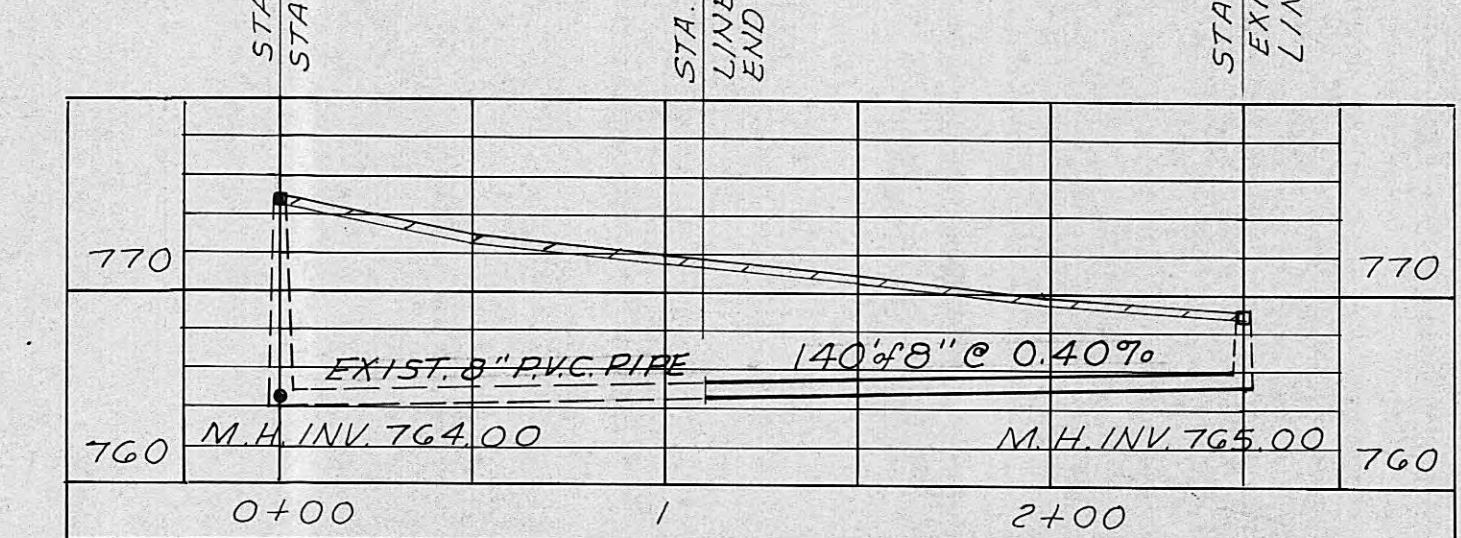
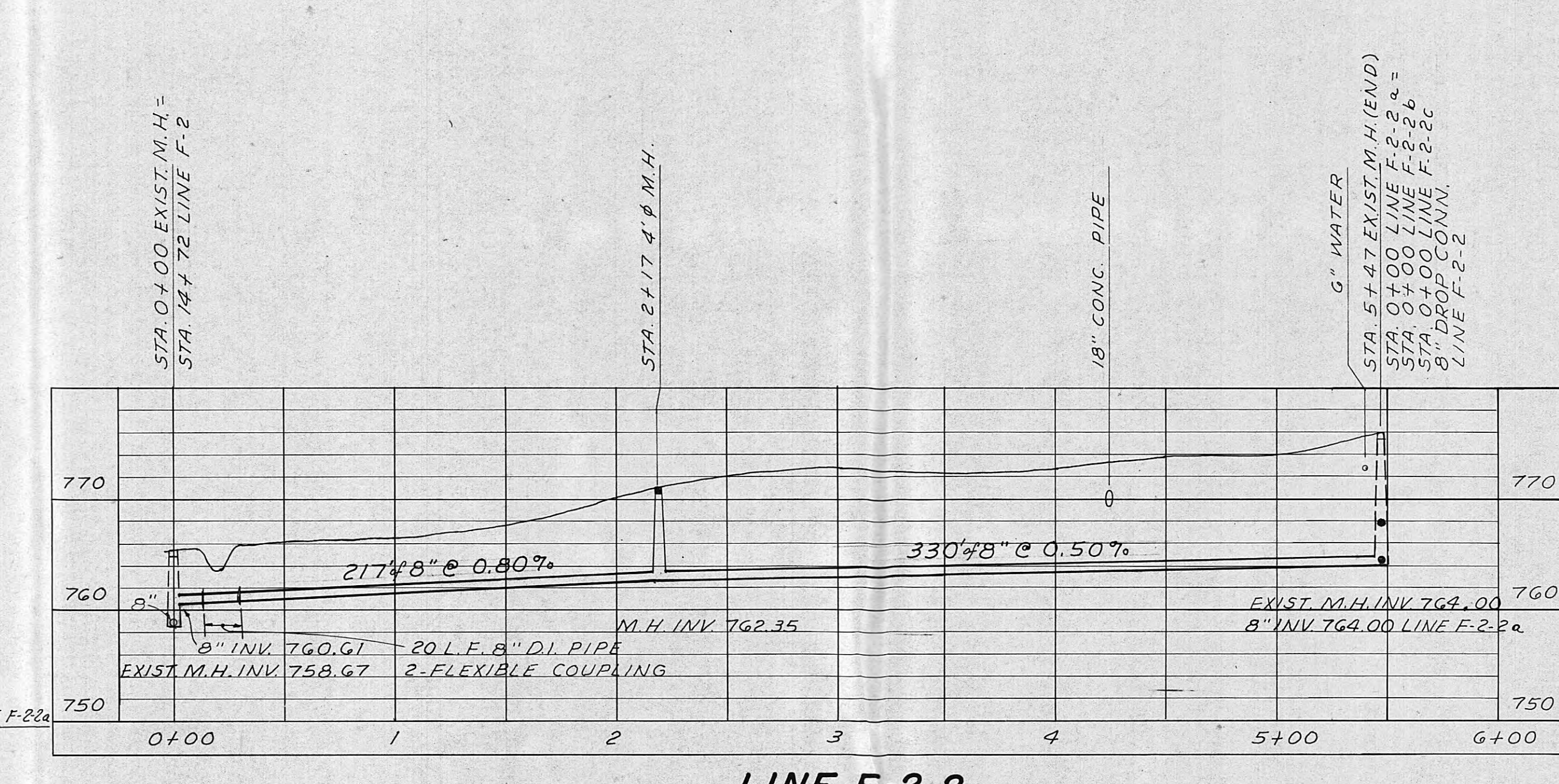
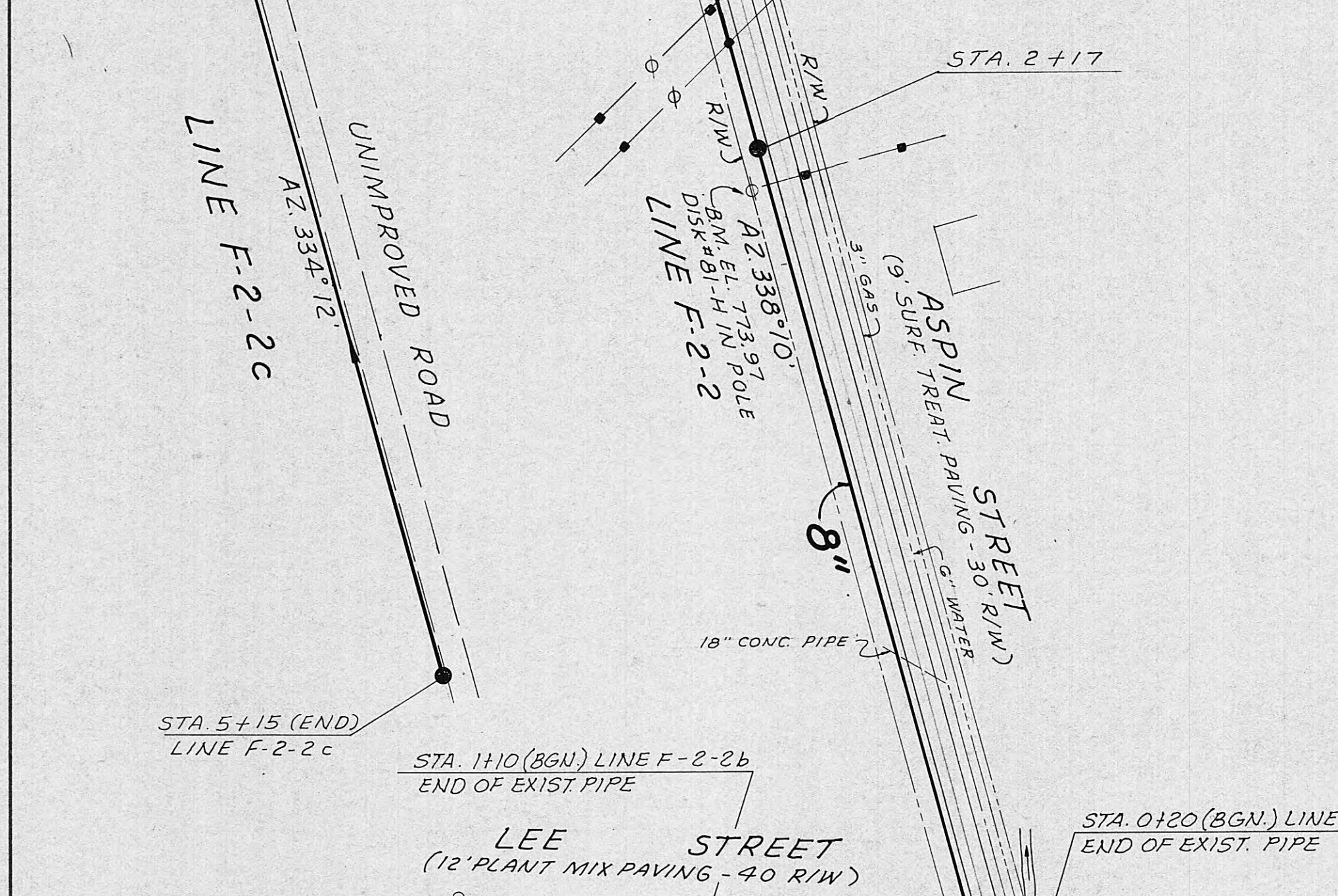
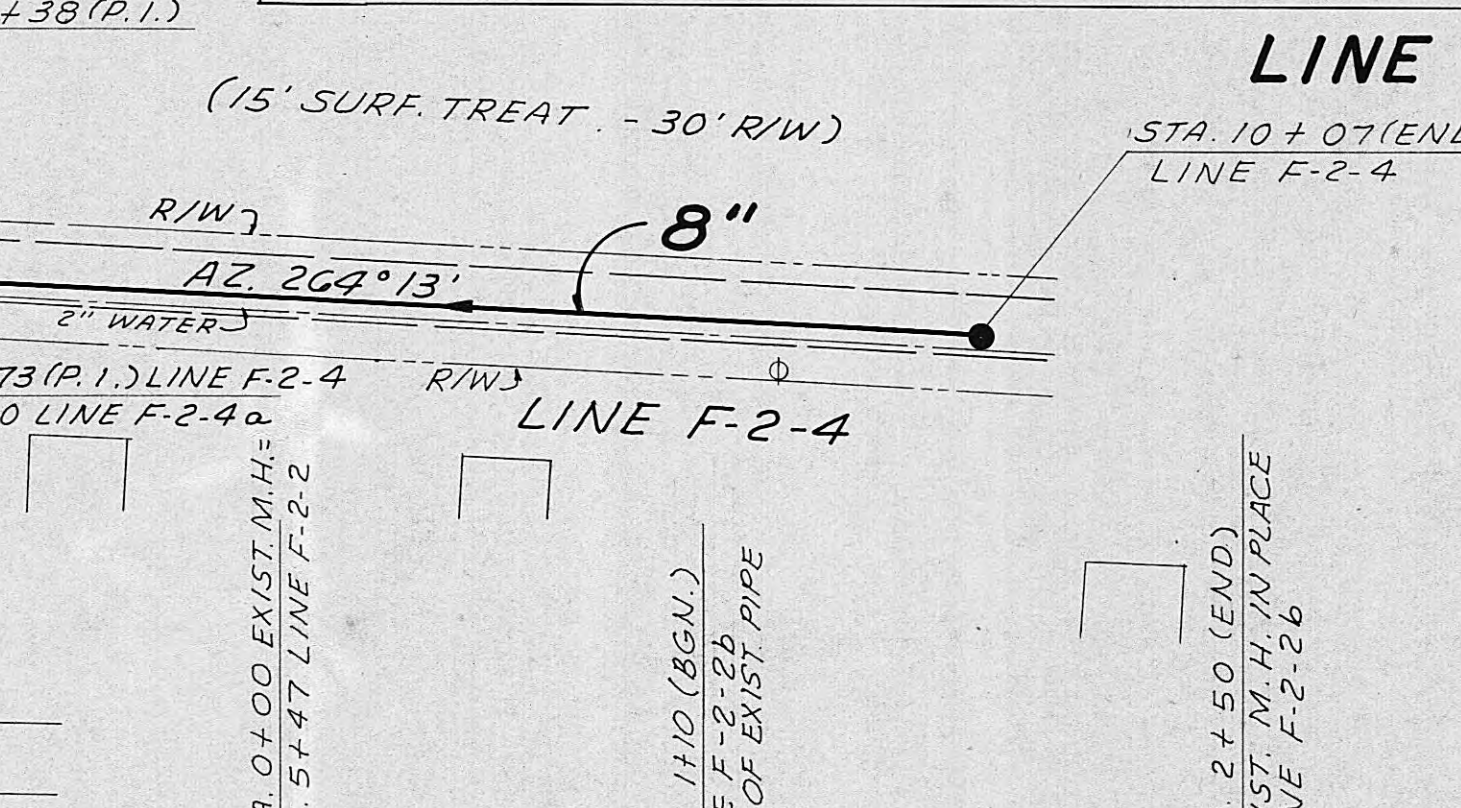
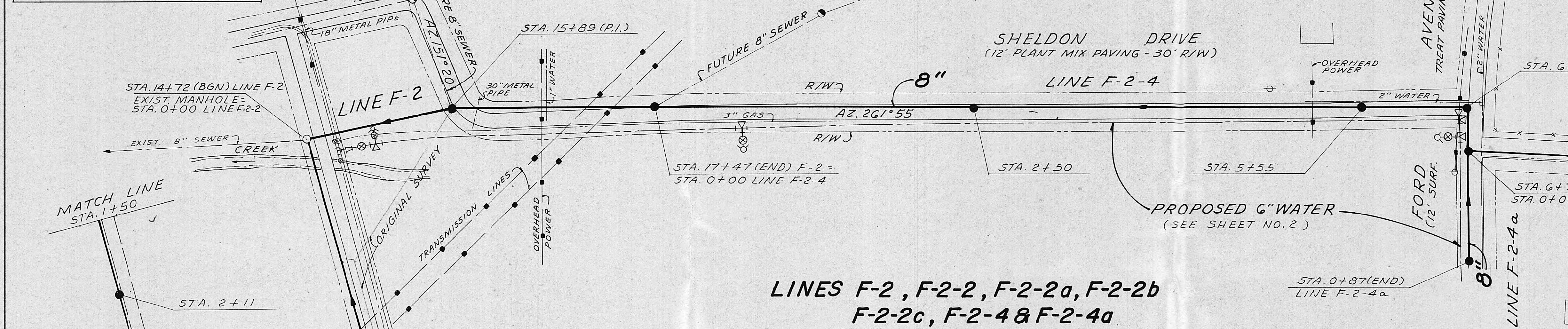
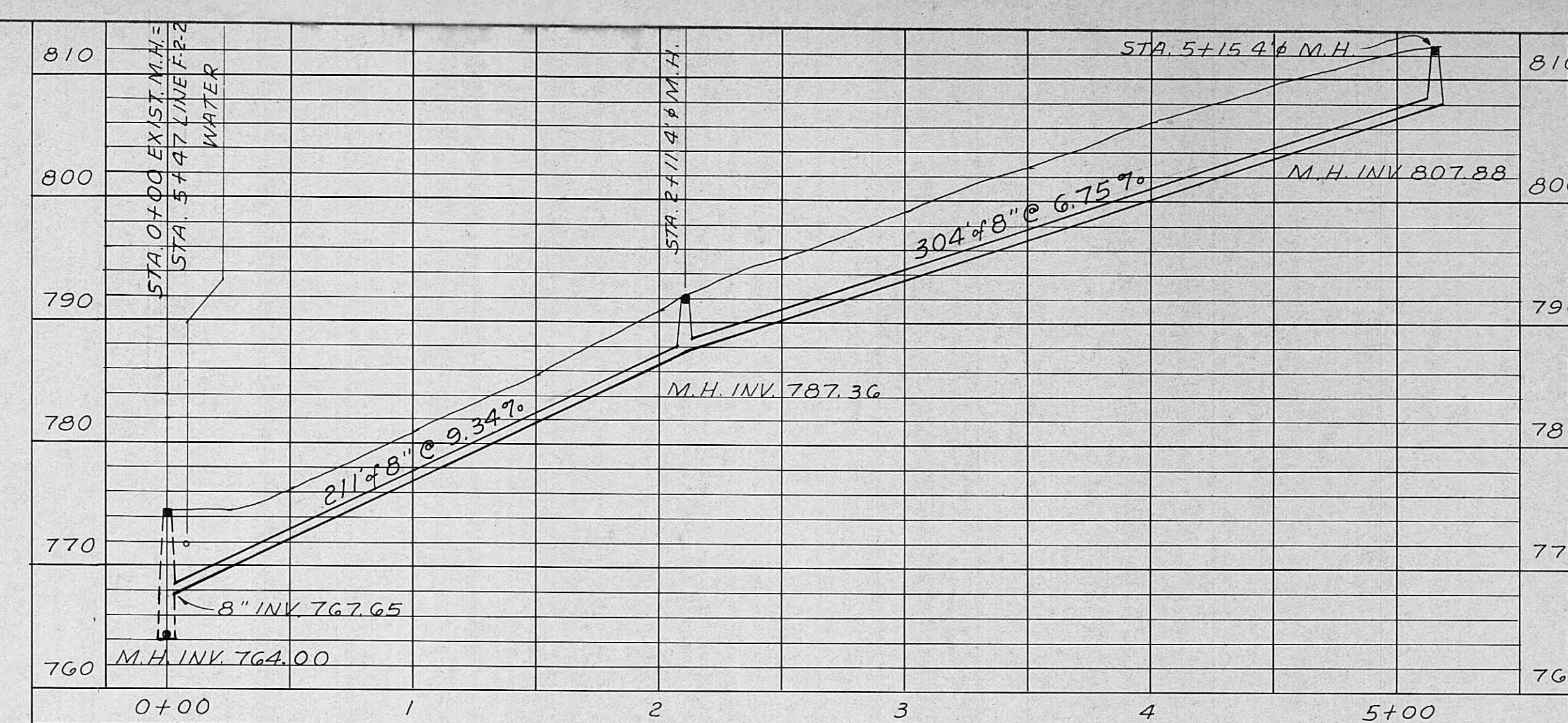
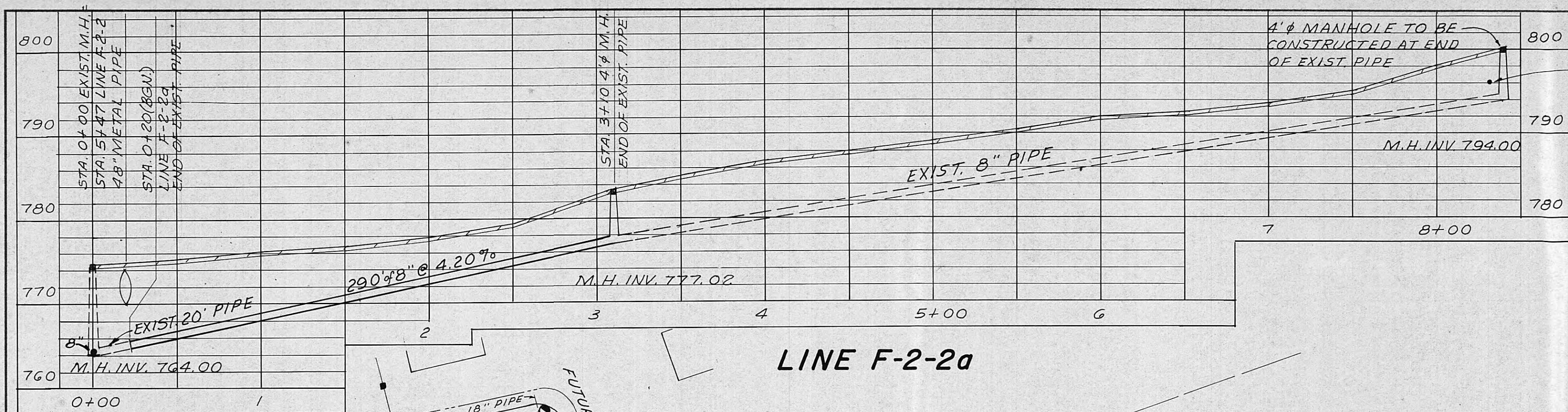
HUD PROJECT NO. CDBG B-78-HN-47-00
DIVISION ONE

CITY OF HARRIMAN, TENNESSEE
WATER AND SEWERAGE SYSTEM IMPROVEMENT

BAZELTOWN WATER

SCALE 1"=50'	WIEDEMAN AND SINGLETON ENGINEERS	SH
DATE NOV. 1978	ATLANTA GEORGIA	OF

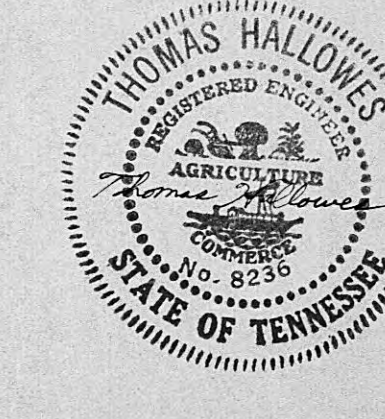




HUD PROJECT NO. CDBG B-78-HN-47-00
DIVISION THREE

CITY OF HARRIMAN, TENNESSEE
WATER AND SEWERAGE SYSTEM IMPROVEMENTS

LEE VILLAGE SEWERS



NOTE:
REVISED FEB. 1979
GRADE CHANGED ON LINE F-2

SCALE
1"=50' HORIZ.
1"=10' VERT.
DATE
NOV. 1978

WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA GEORGIA

