

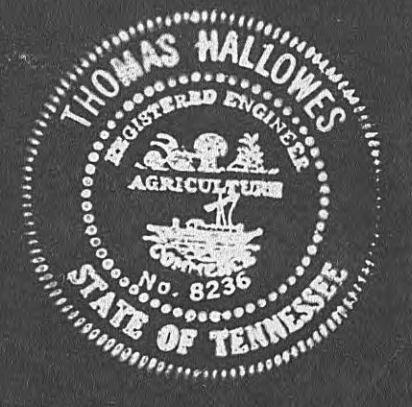


EDA PROJECT NO. TN-0200-0

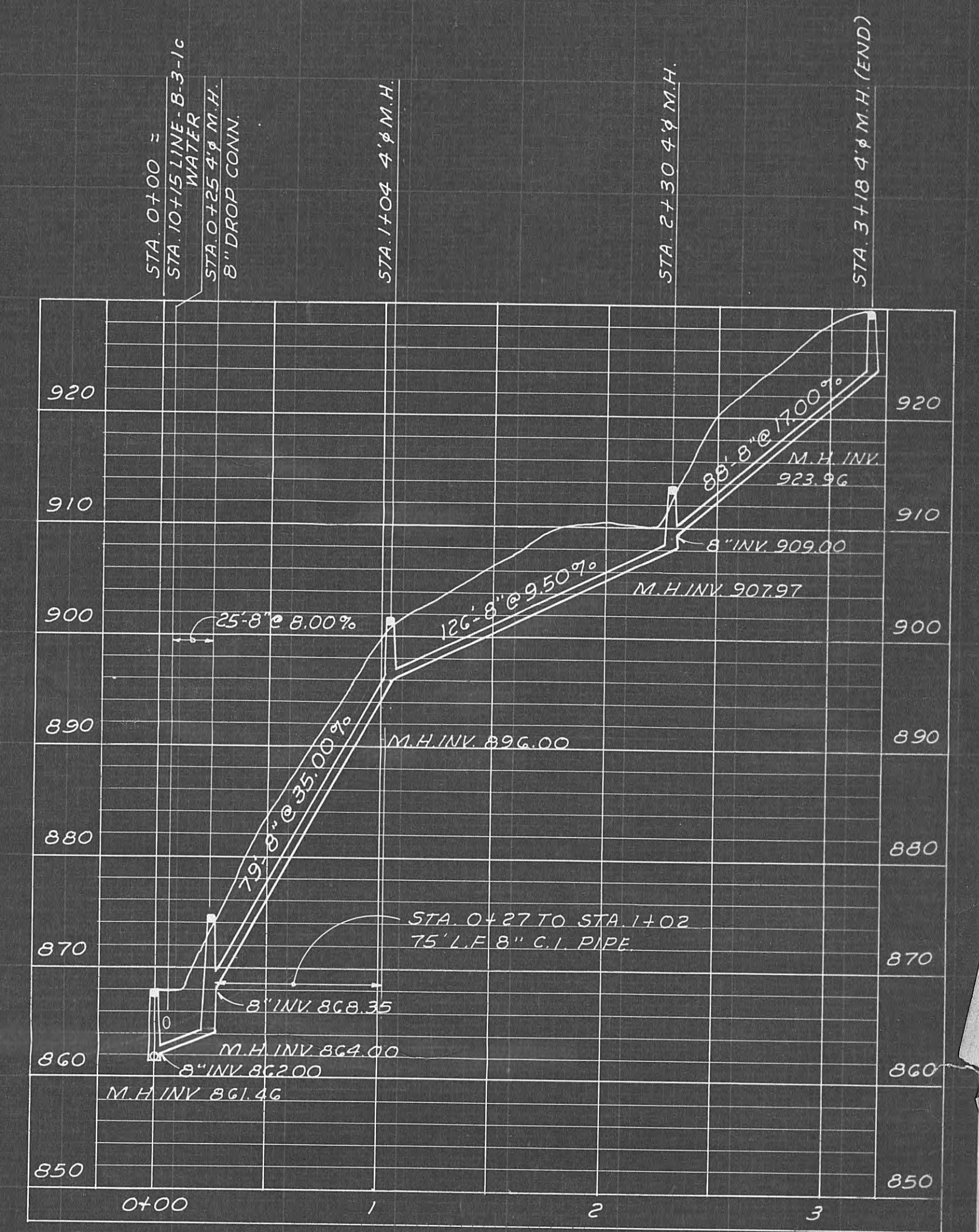
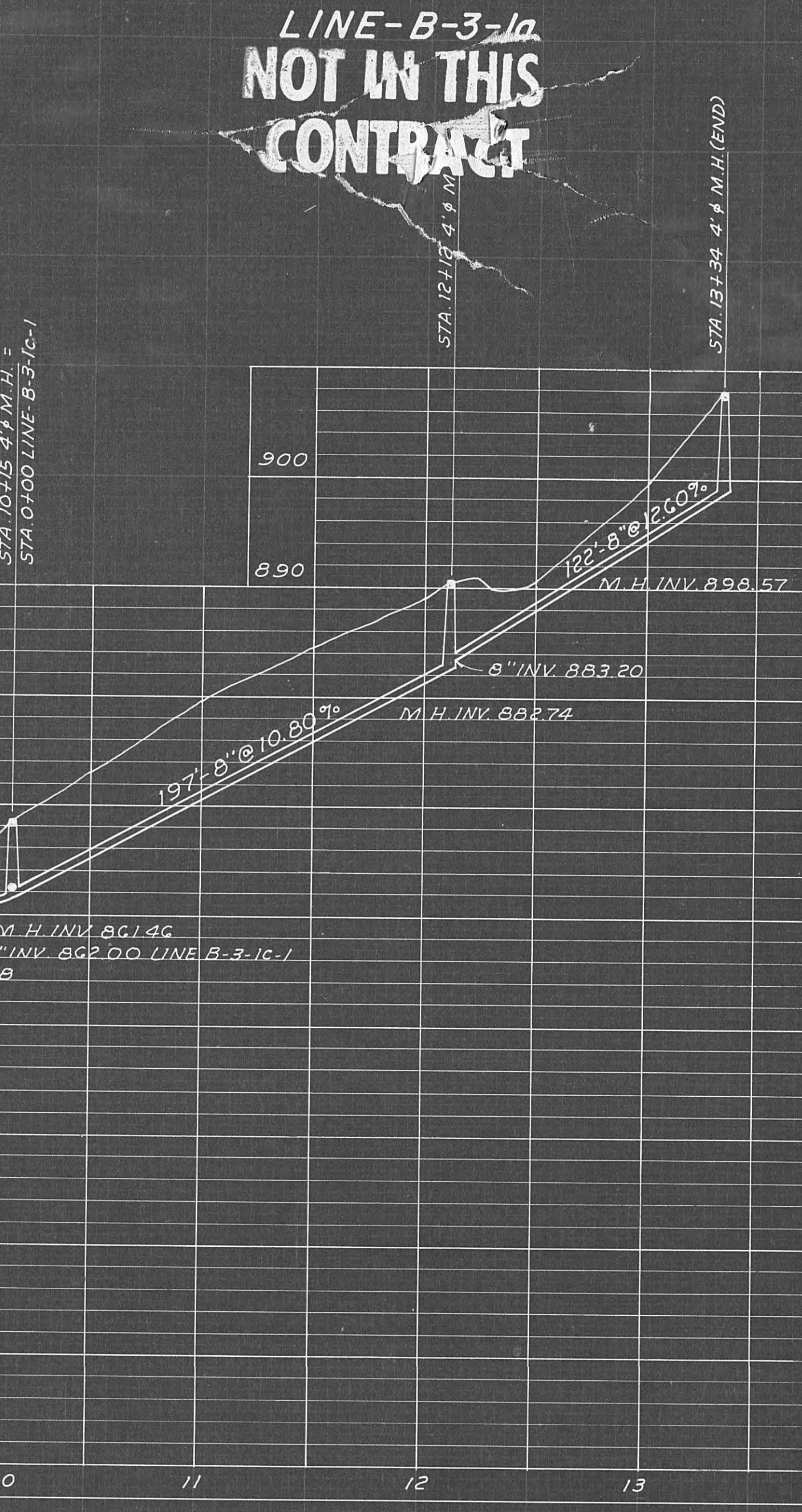
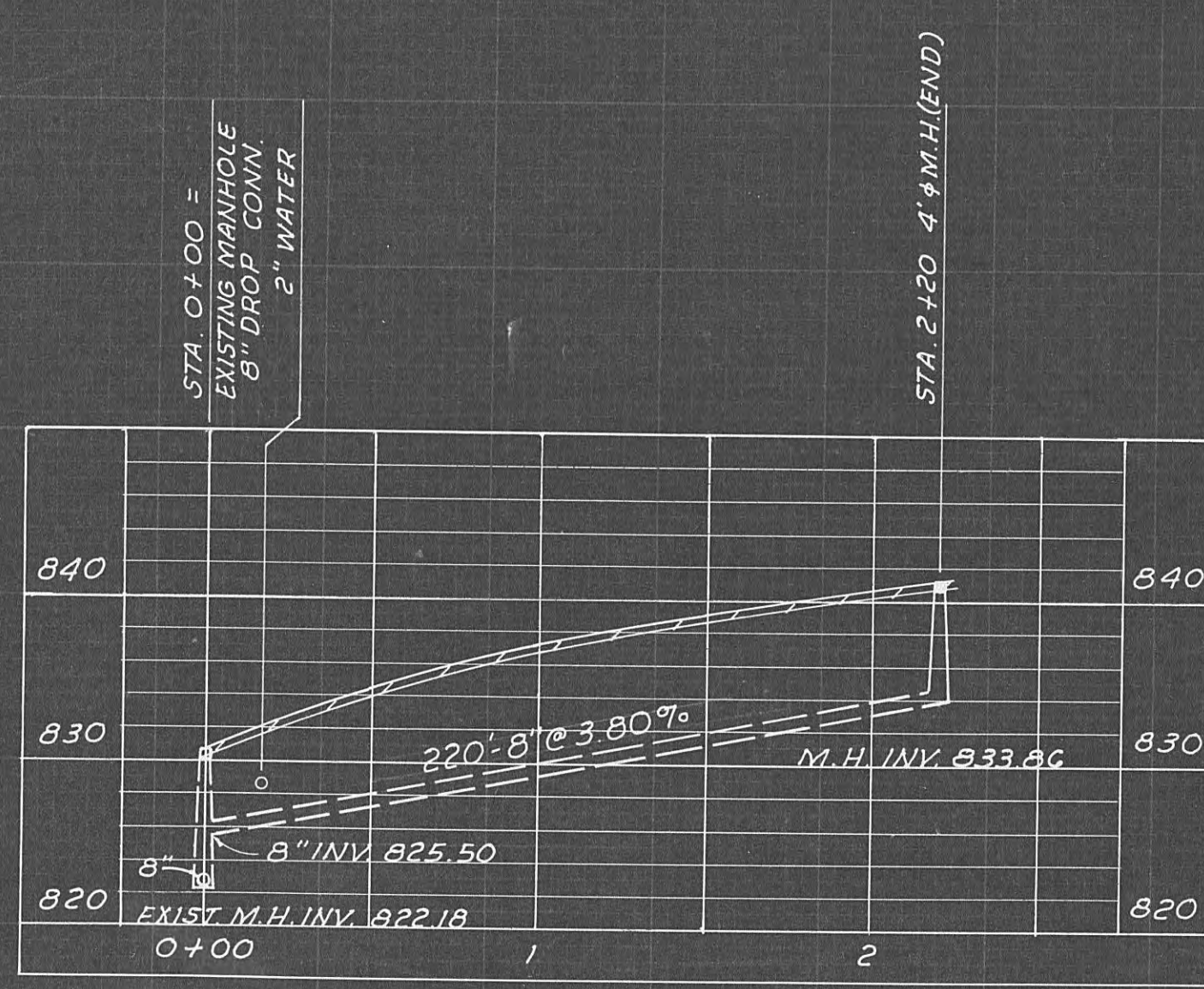
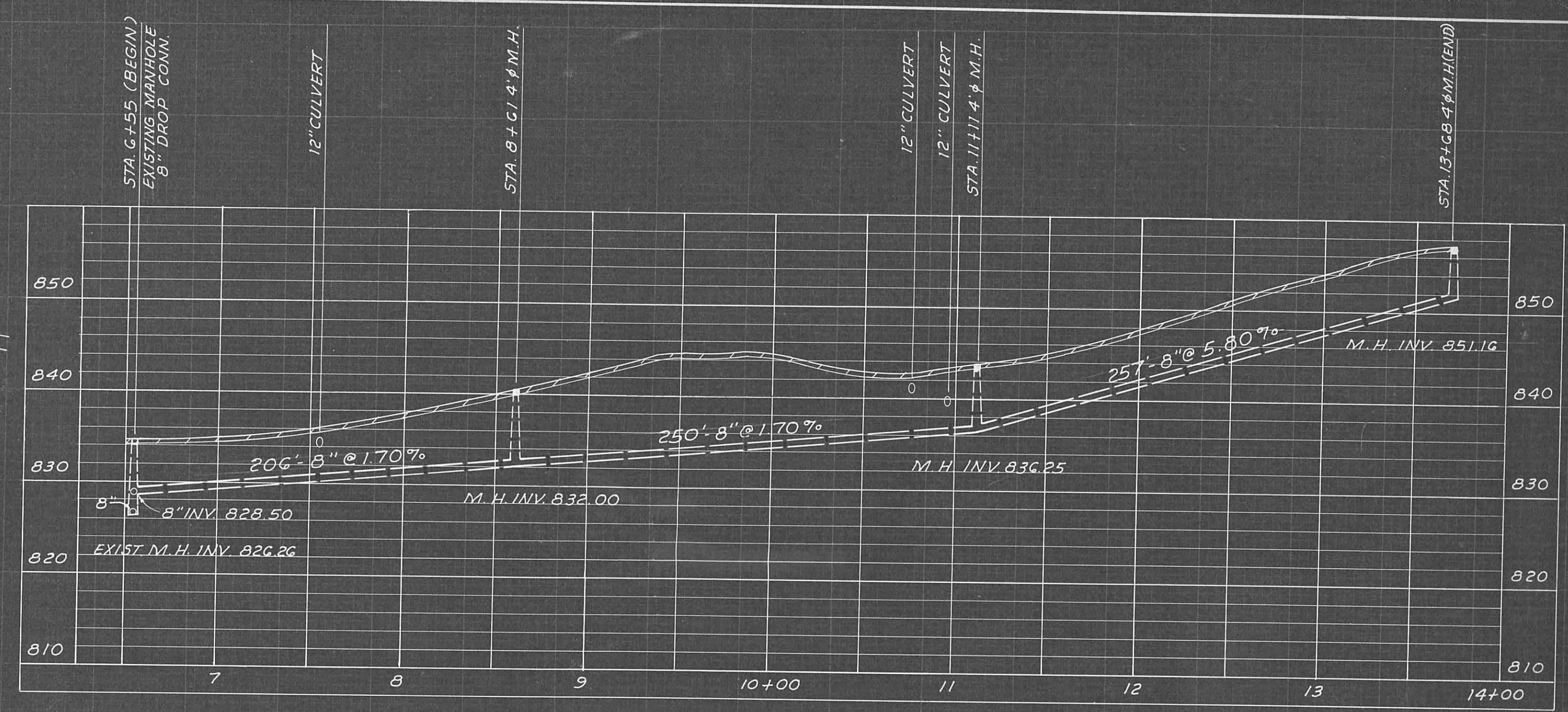
CITY OF HARRIMAN, TENNESSEE
SANITARY SEWERAGE SYSTEM IMPROVEMENTS

PROJECT MAP

SCALE 1" = 800'	WIEDEMAN AND SINGLETON ENGINEERS	SH
DATE SEPT. 1977	ATLANTA	GEORGIA
		OF



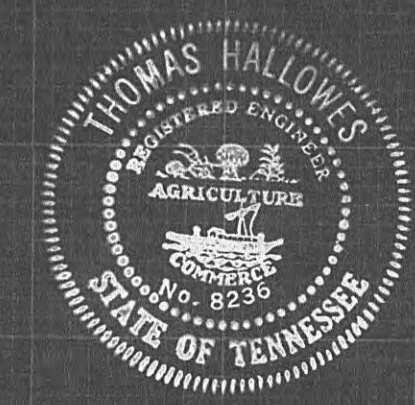
NOTE:
ALL SEWERS 6" UNLESS OTHERWISE SHOWN.



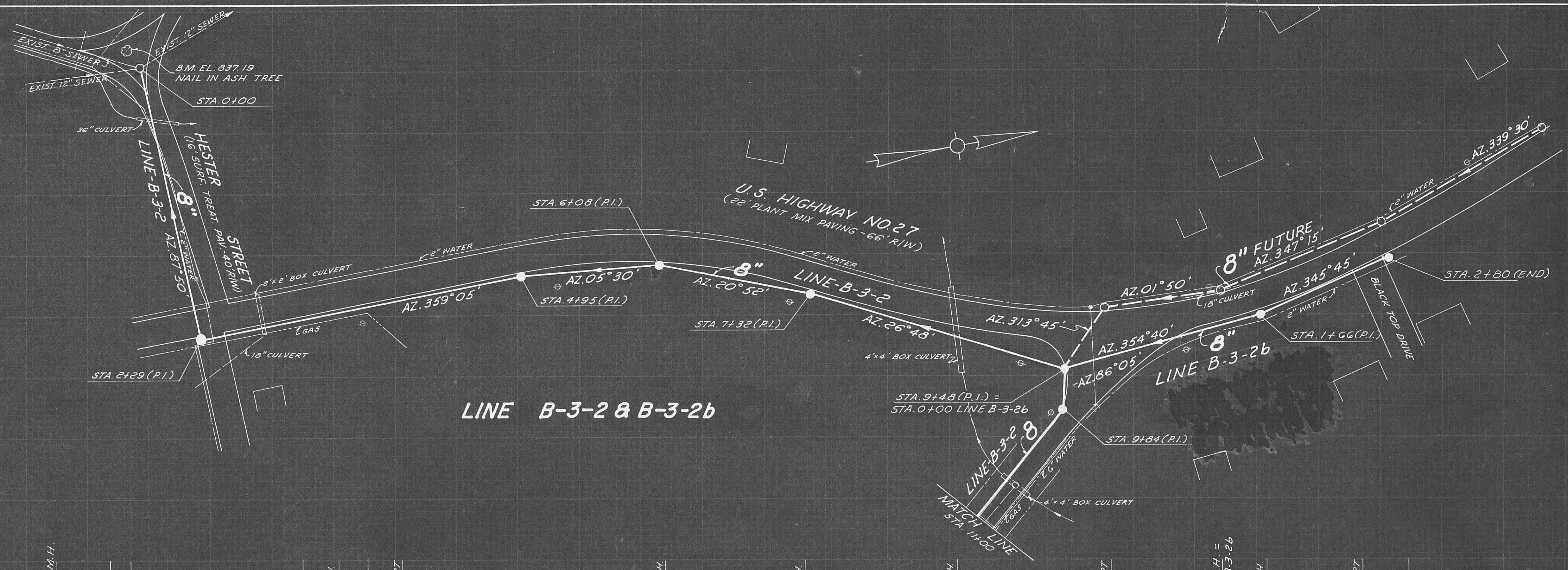
EDA PROJECT NO. TN-0200-0

CITY OF HARRIMAN, TENNESSEE
SANITARY SEWERAGE SYSTEM IMPROVEMENT

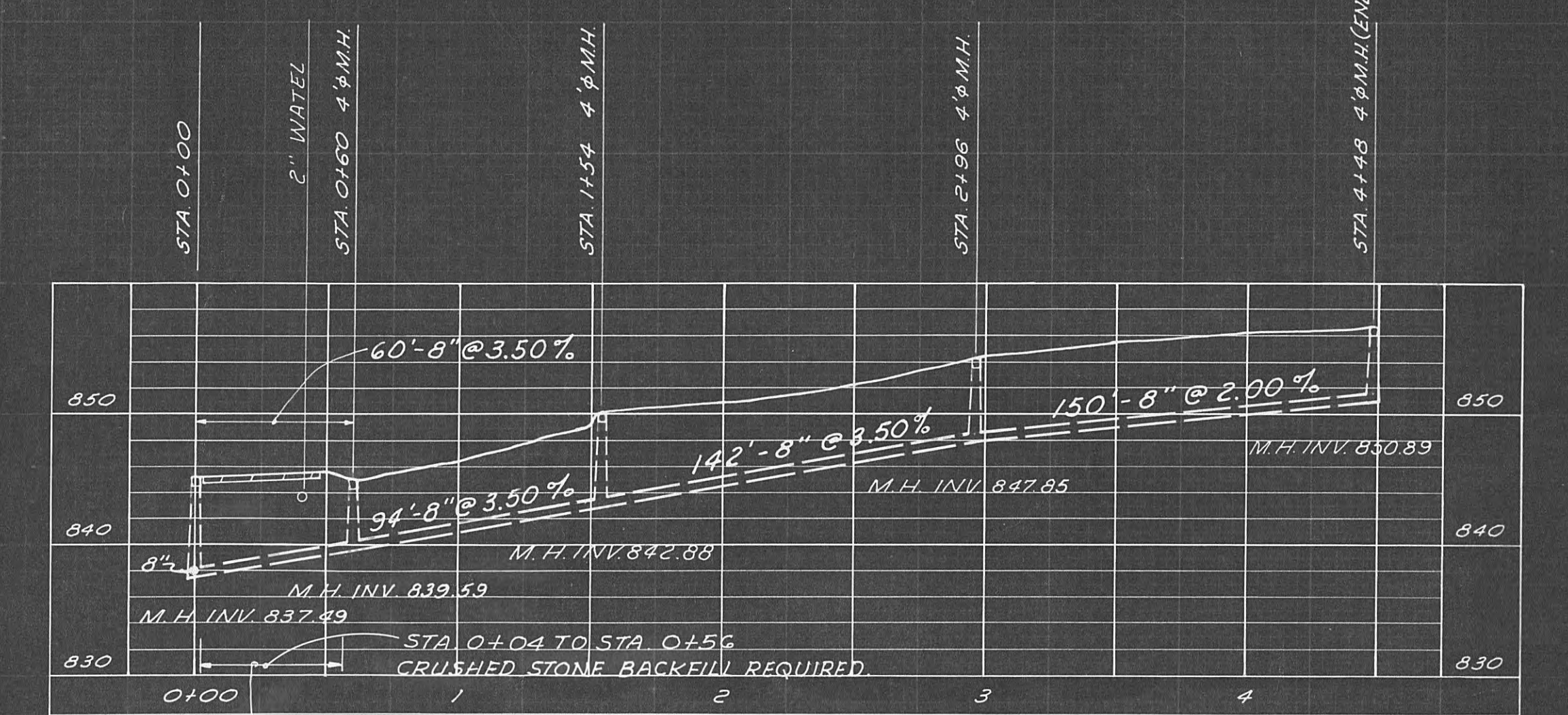
LINE B-3-1 EXISTING
LINE B-3-1c NOT IN THIS CONTRACT
LINE B-3-1c-1 STA. 0+00 TO STA. 13+34



SCALE: 1"=20' HORIZ.
1"=10' VERT.
DATE: SEPT. 1977
WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA GEORGIA



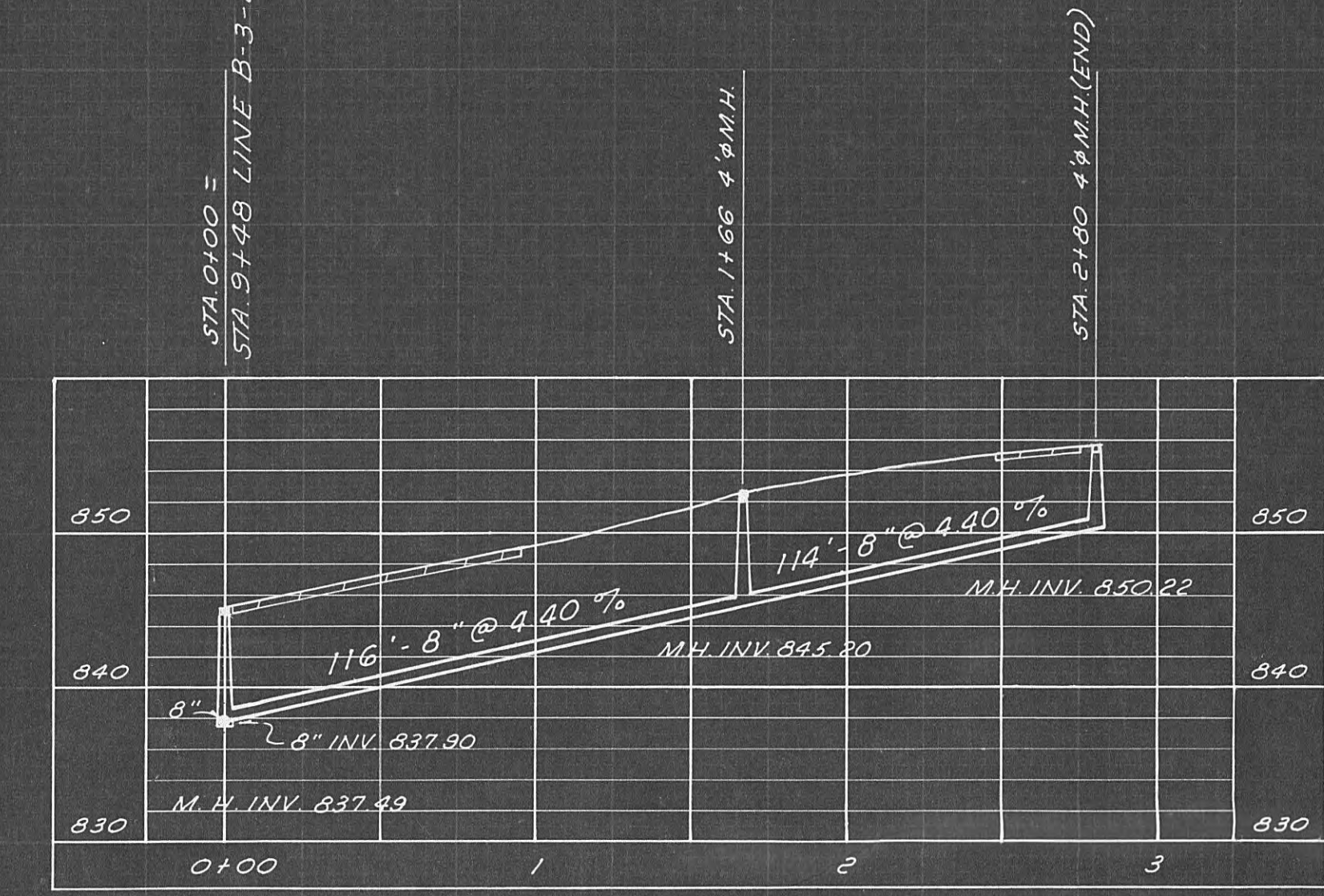
LINE B-3-2 & B-3-2b



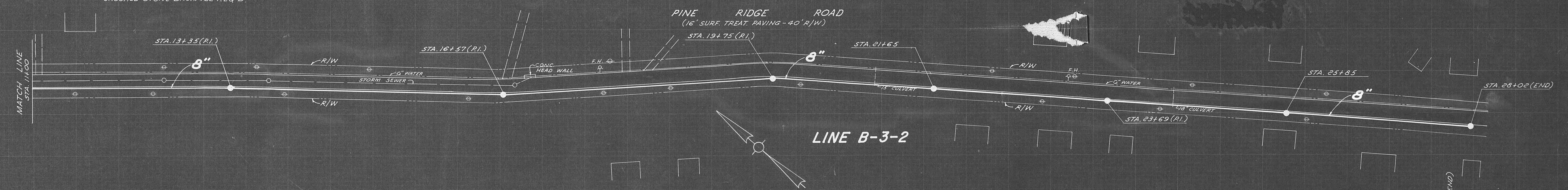
LINE B-3-2a
NOT IN THIS
CONTRACT



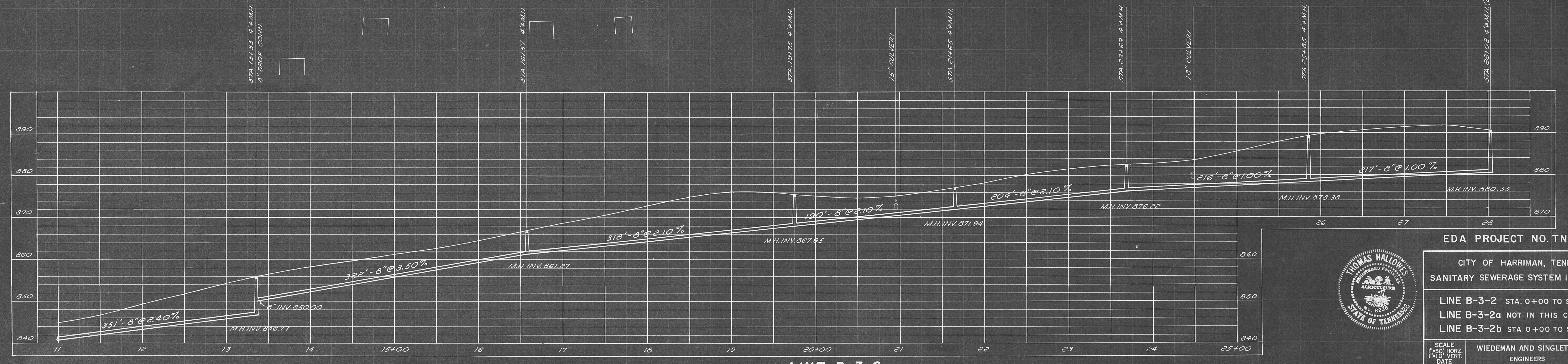
LINE B-3-2



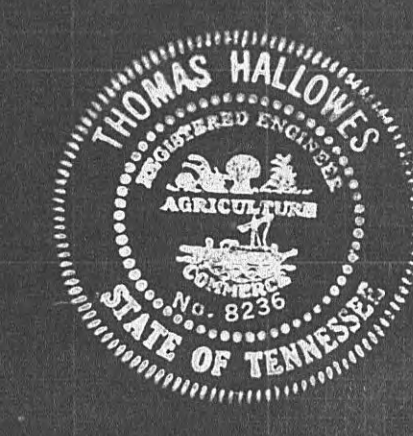
LINE B-3-2b



LINE B-3-2



LINE B-3-2

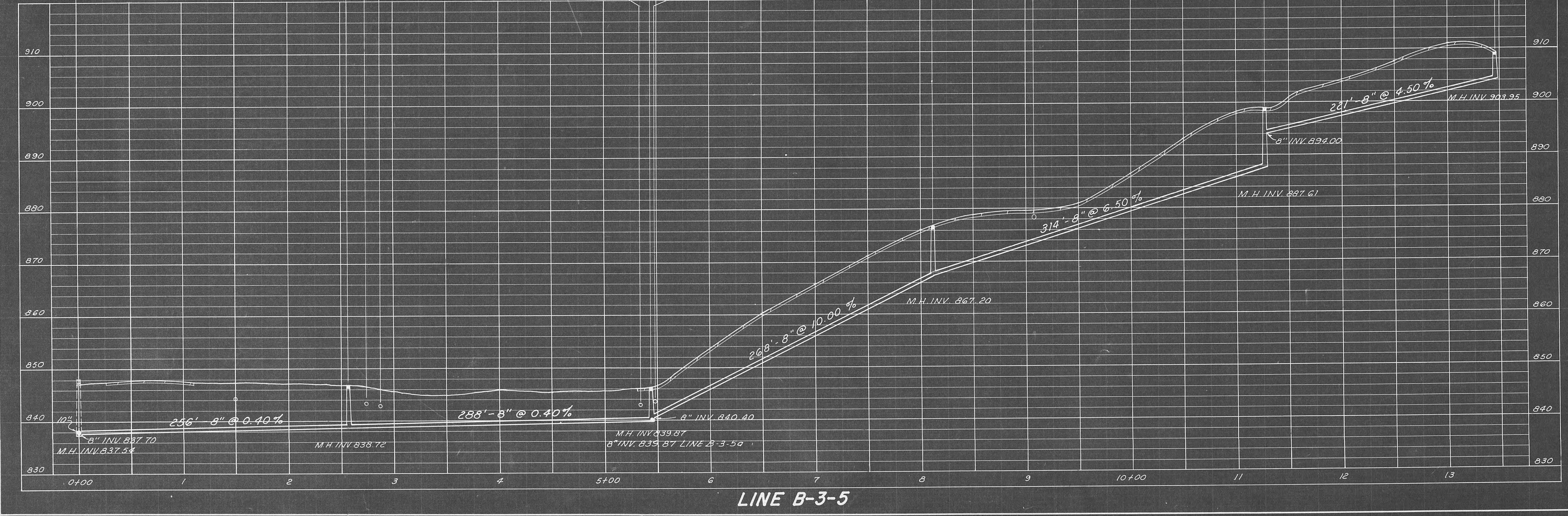
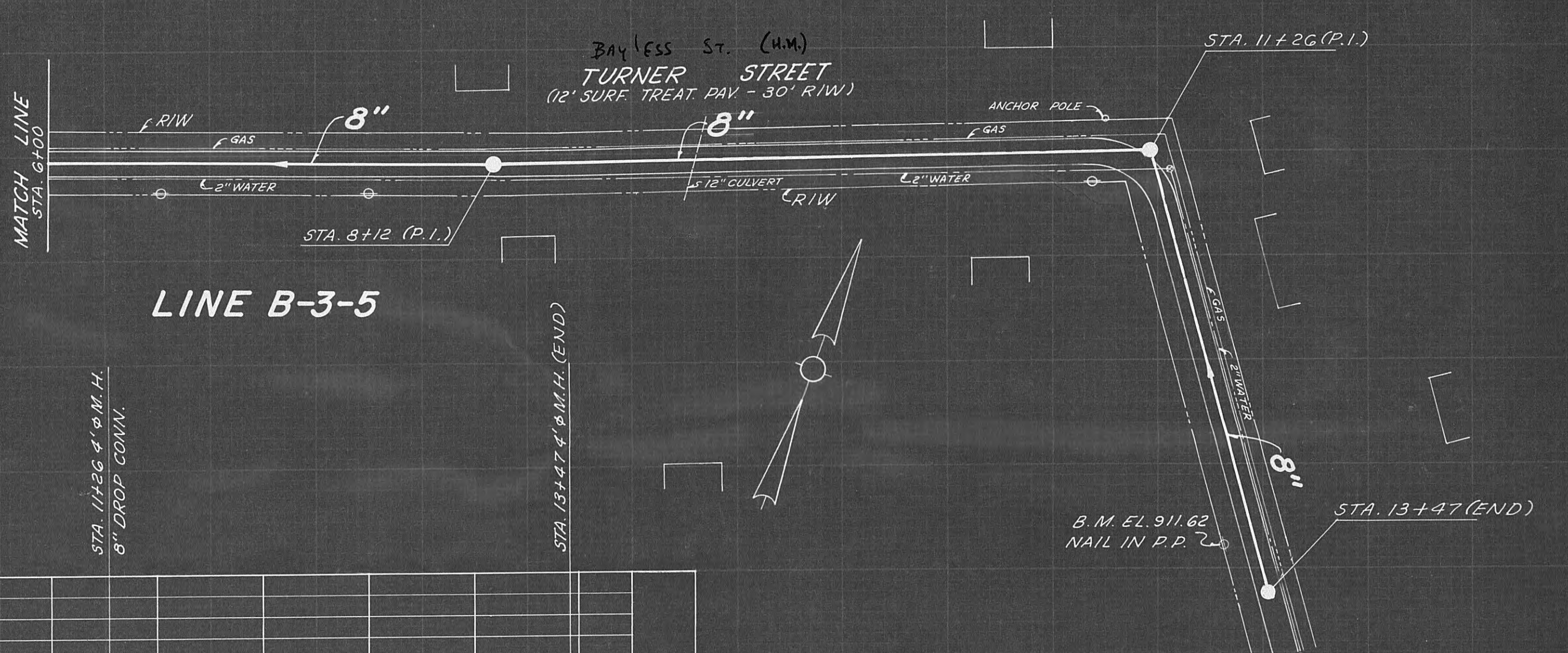
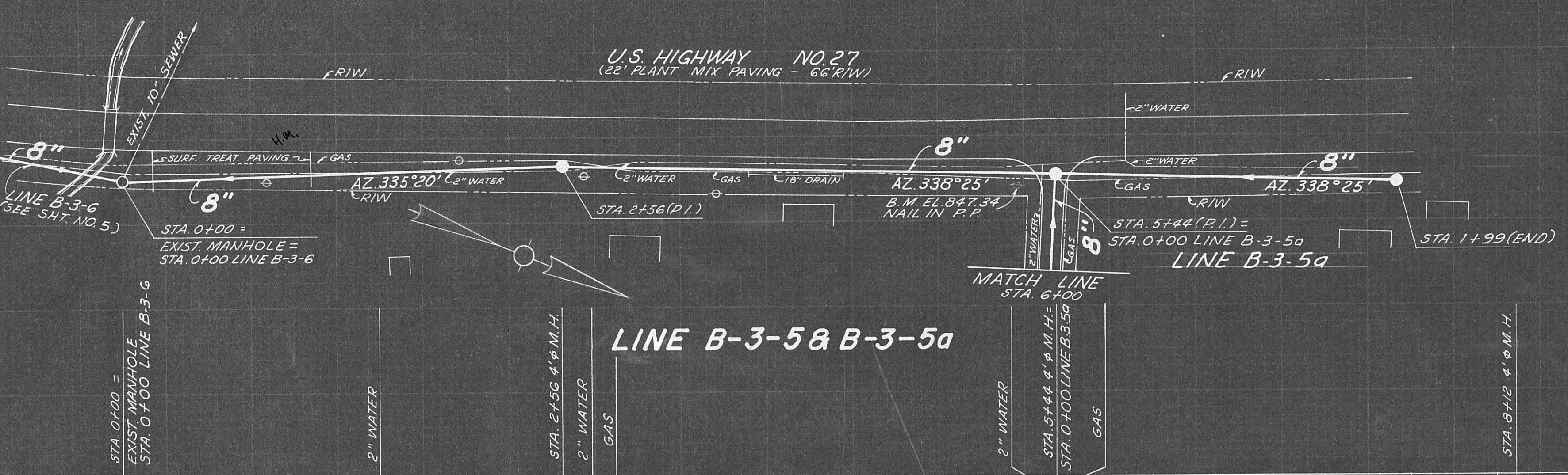
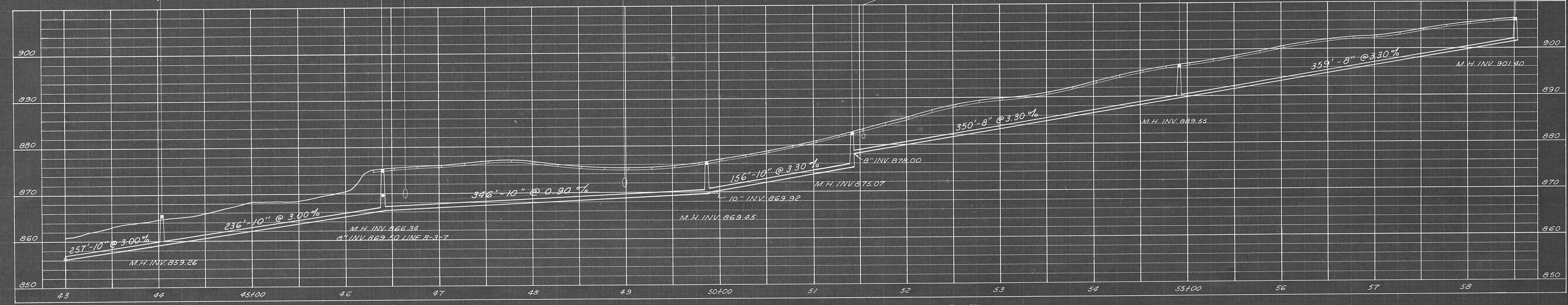
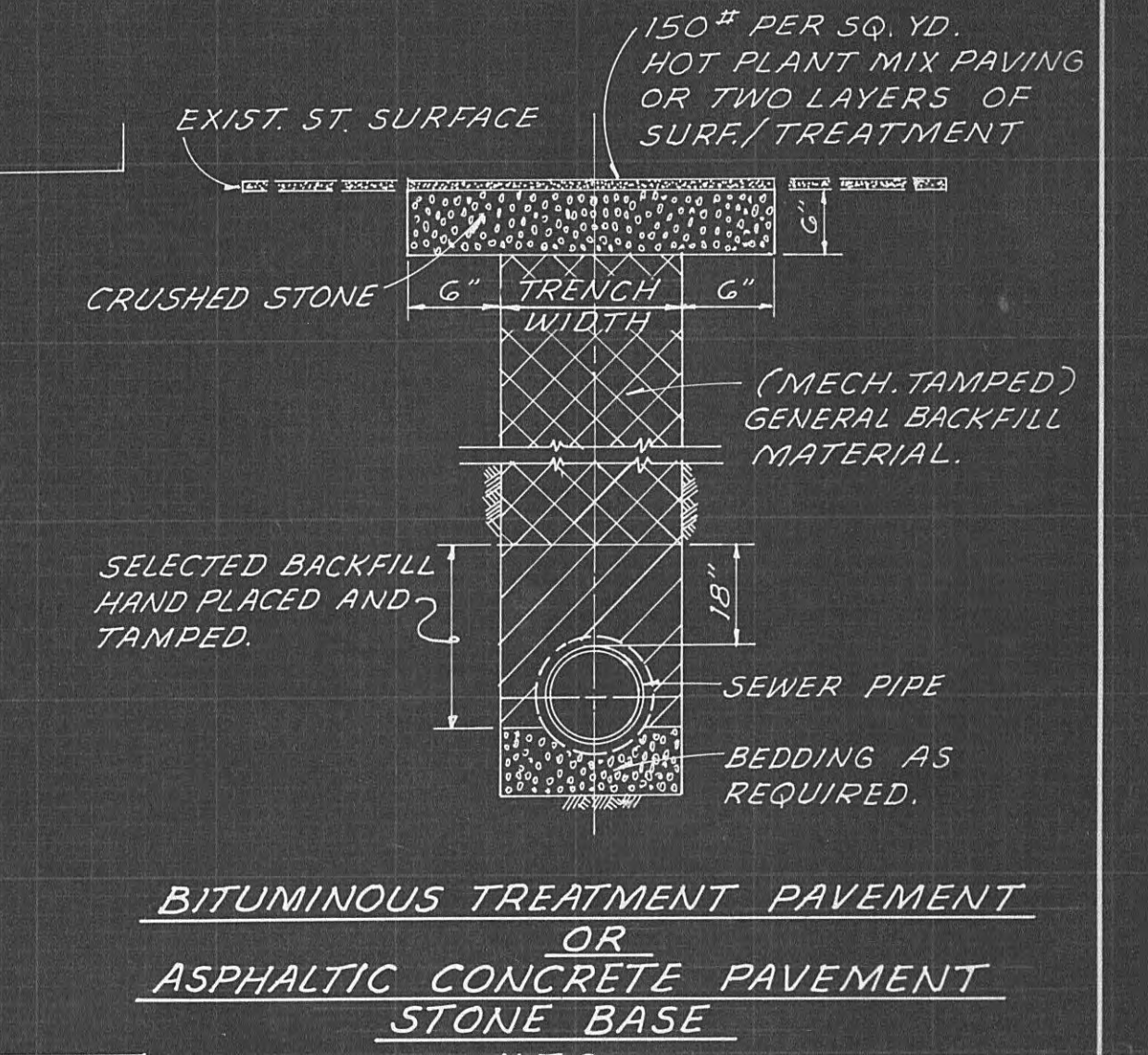
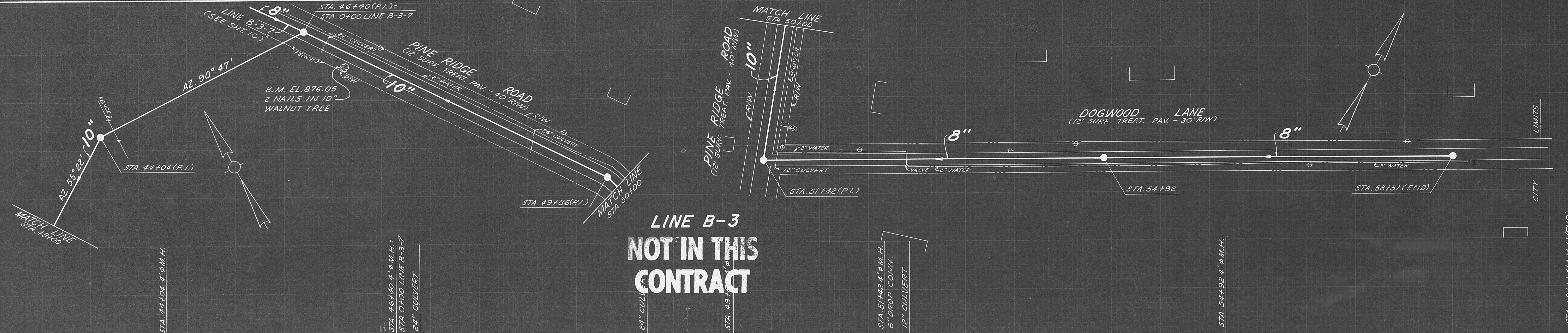


EDA PROJECT NO. TN-0200-0

CITY OF HARRIMAN, TENNESSEE
SANITARY SEWERAGE SYSTEM IMPROVEMENTS

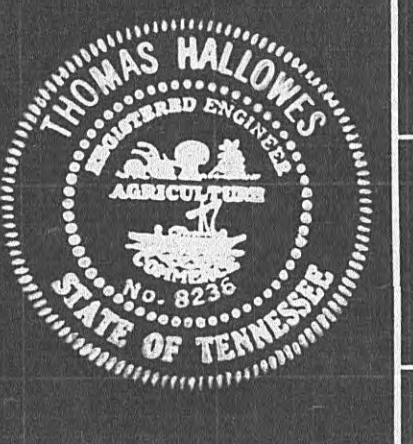
LINE B-3-2 STA. 0+00 TO STA. 28+02 (END)
LINE B-3-2a NOT IN THIS CONTRACT.
LINE B-3-2b STA. 0+00 TO STA. 2+80 (END)

SCALE: HORIZONTAL 1"=100' VERTICAL 1"=10'
DATE: SEPT. 1977
WIEDEMAN AND SINGLETON ENGINEERS ATLANTA GEORGIA
SHEET 3 OF 6

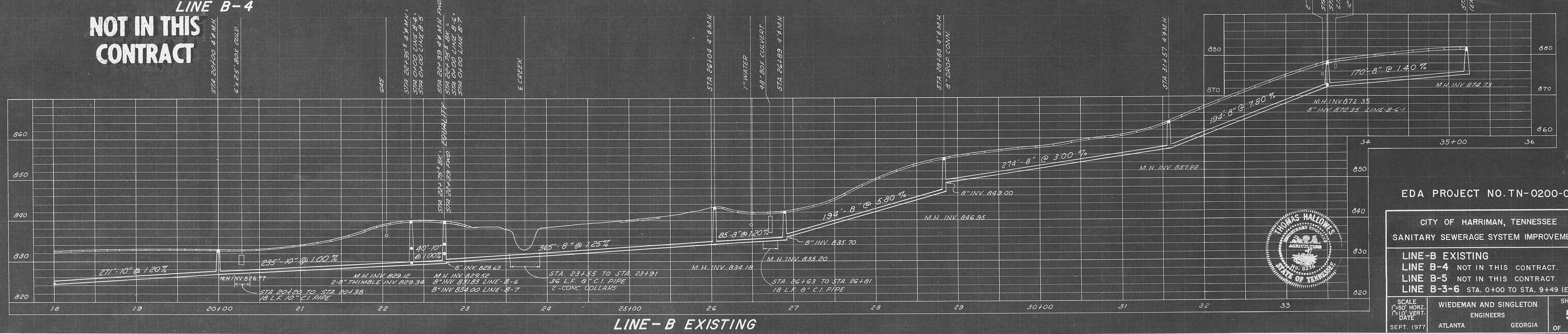
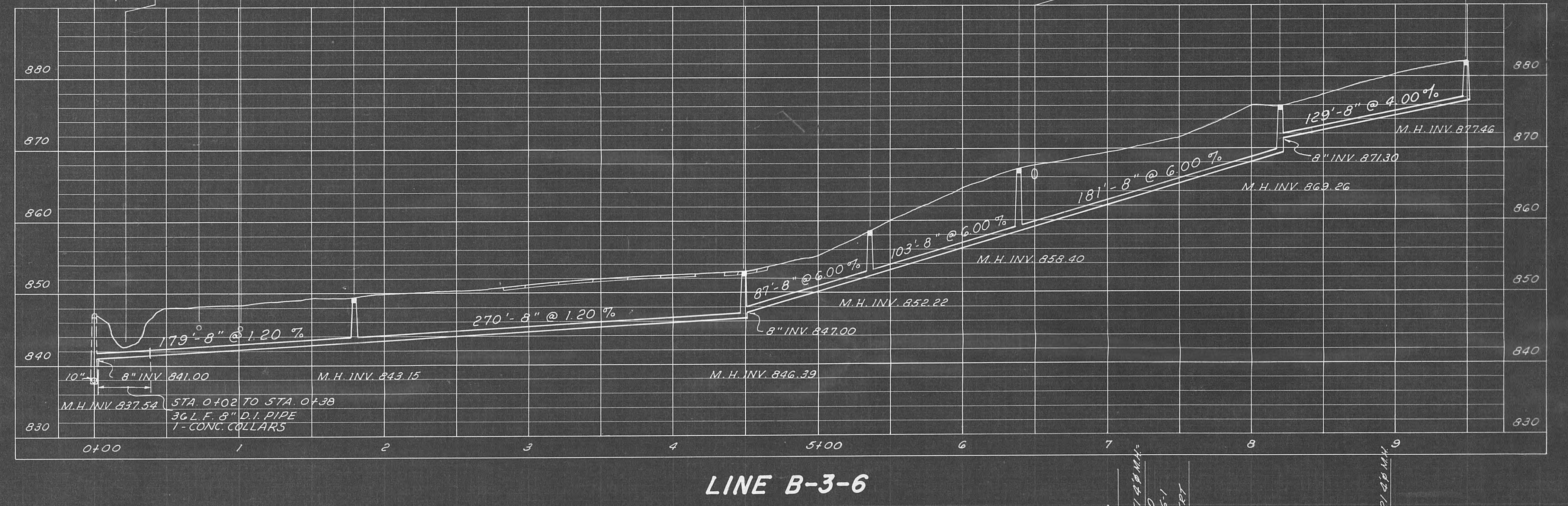
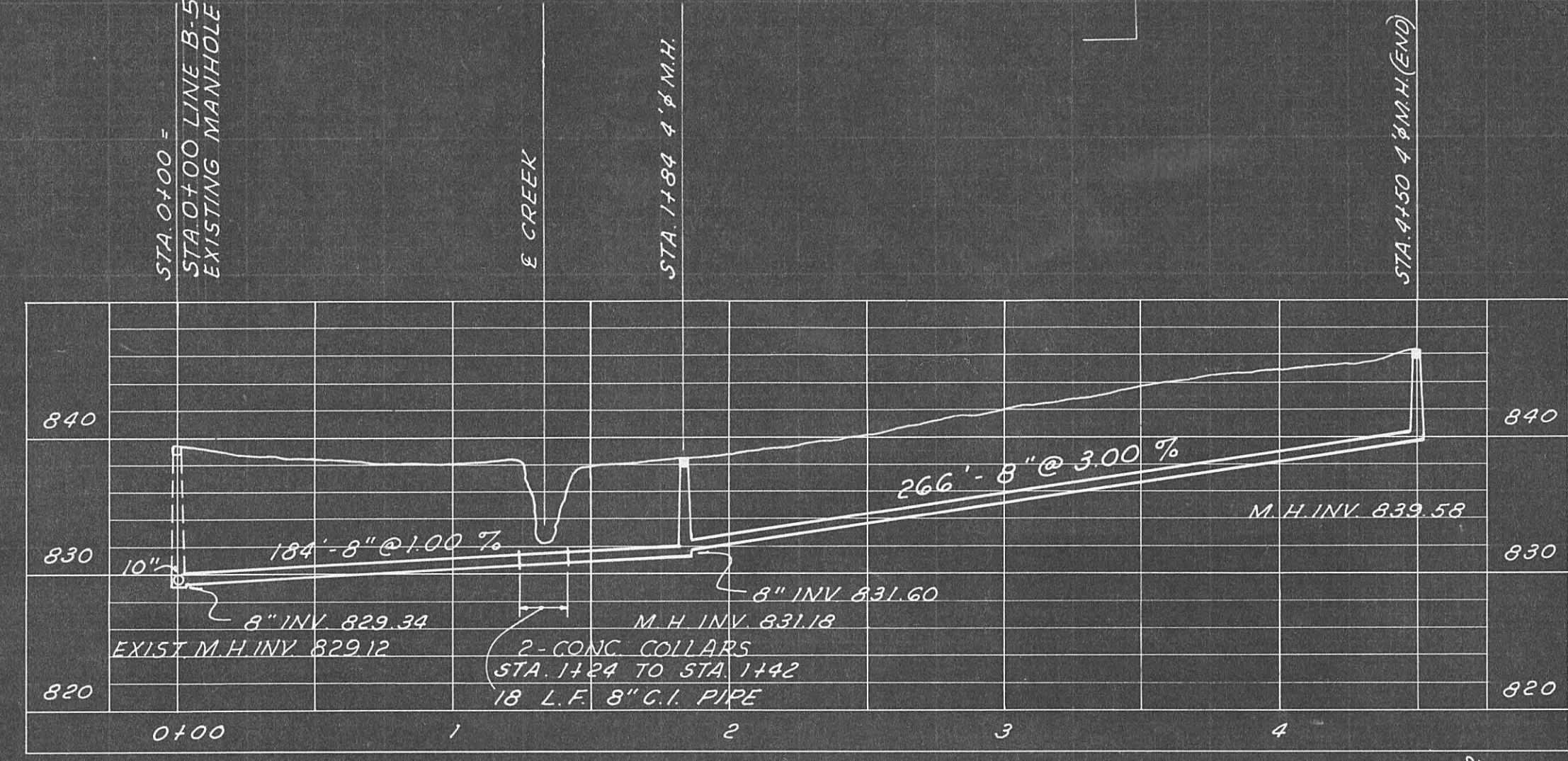
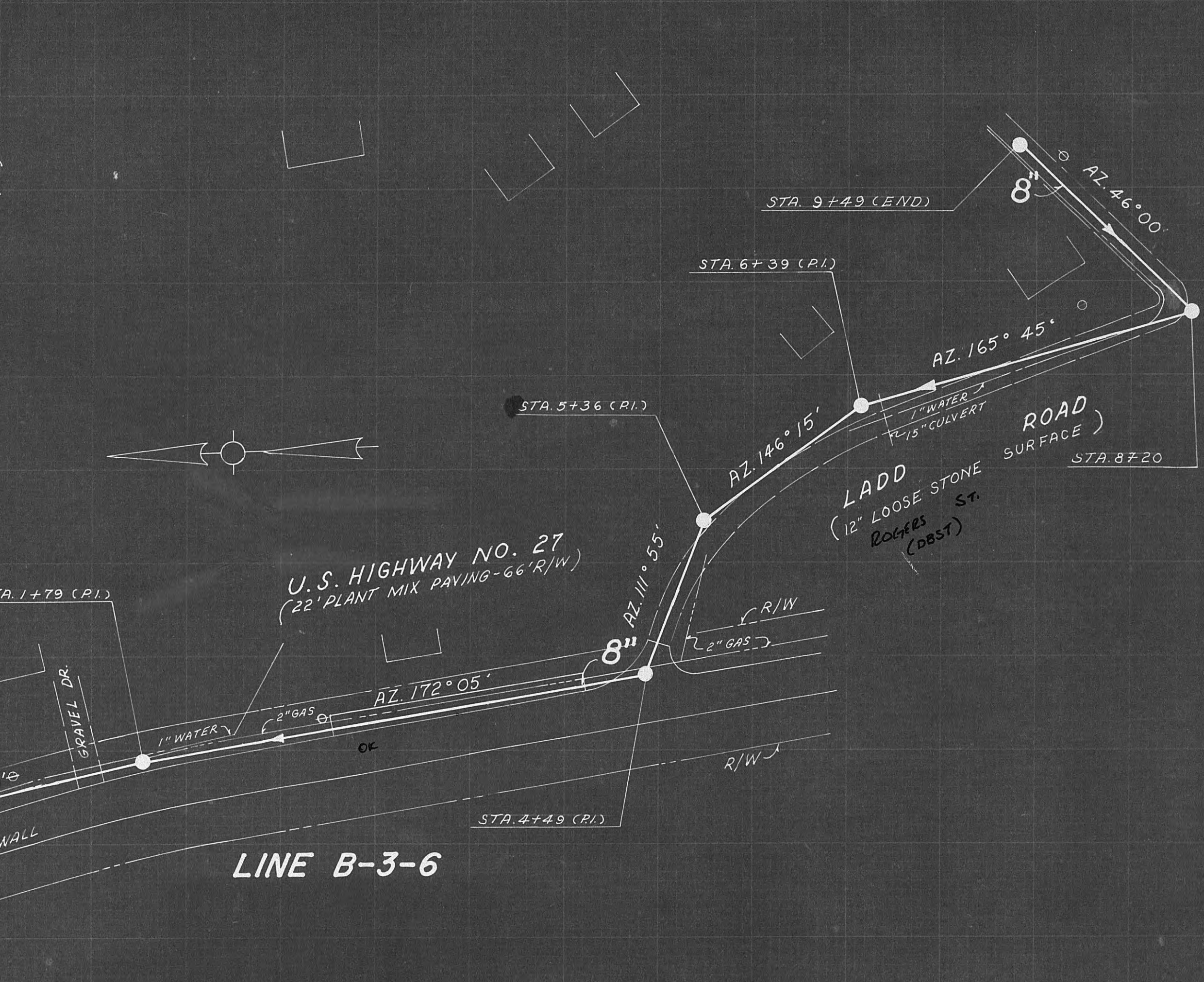
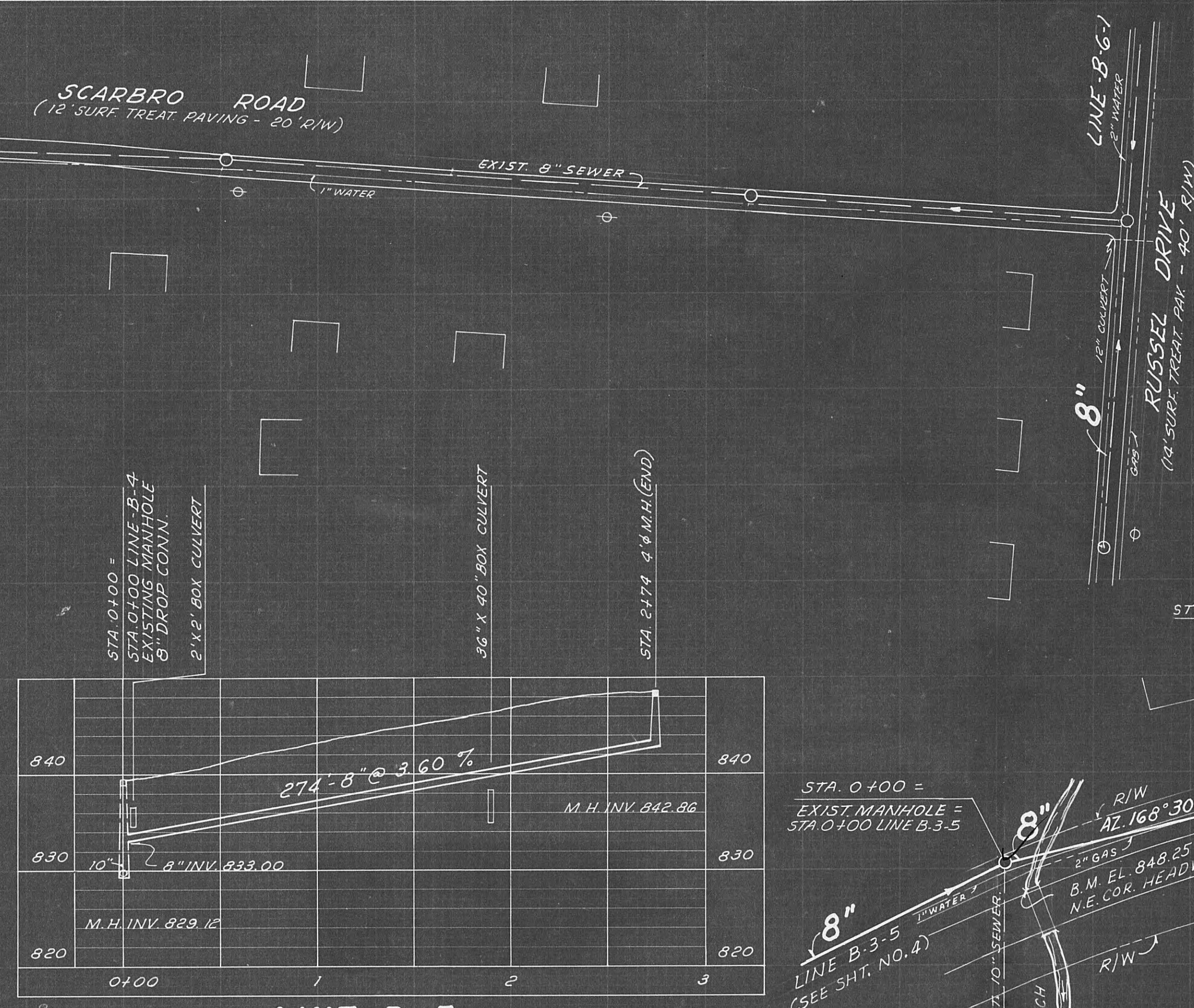
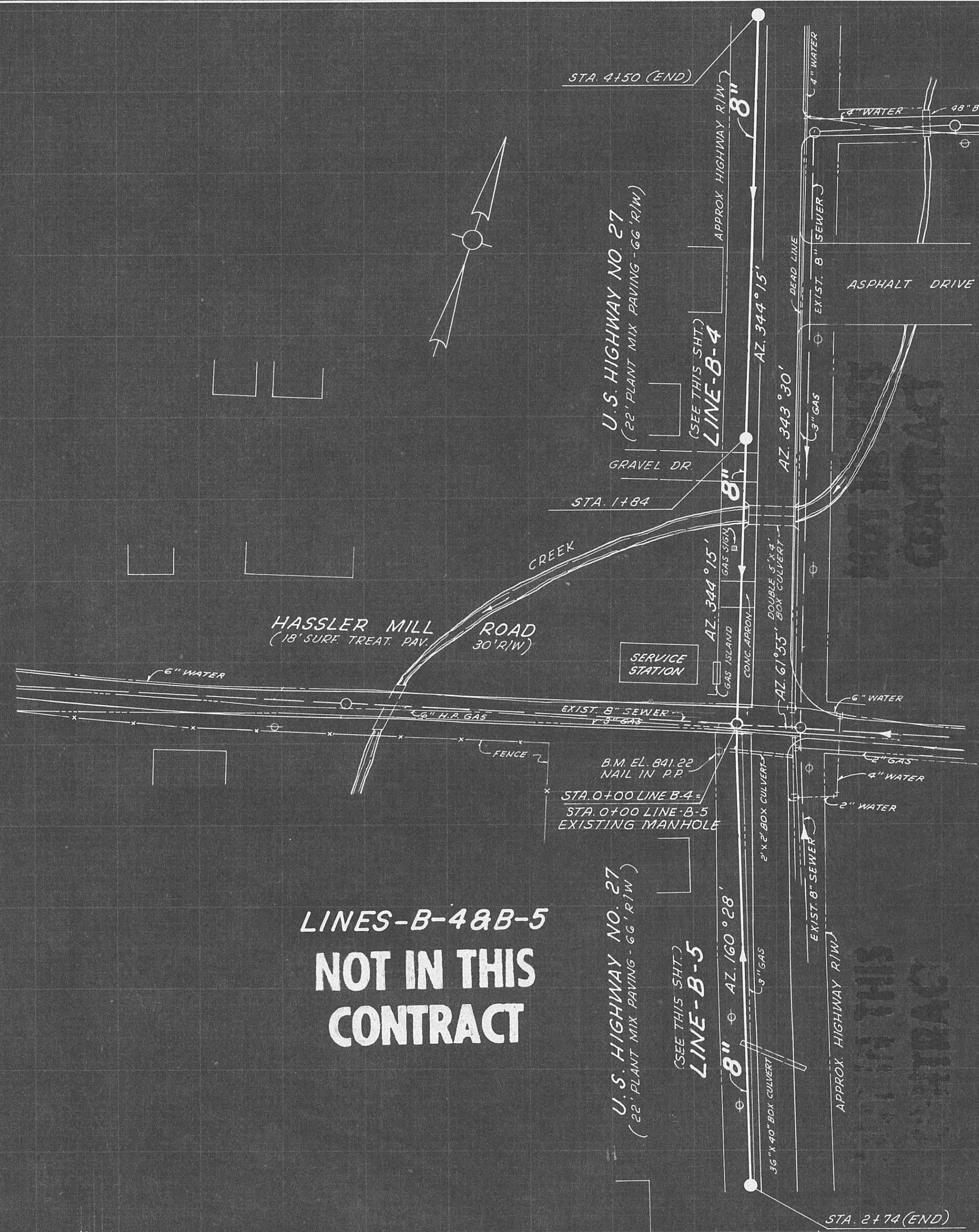


LINE B-3-5a

EDA PROJECT NO. TN-0200-0



CITY OF HARRIMAN, TENNESSEE SANITARY SEWERAGE SYSTEM IMPROVEMENTS	
LINE B-3 NOT IN THIS CONTRACT.	
LINE B-3-5 STA. 0+00 TO STA. 13+47 (END)	
LINE B-3-5a STA. 0+00 TO STA. 1+99 (END)	
SCALE 1"=50' HORZ. 1"=10' VERT. DATE SEPT. 1977	WIEDEMAN AND SINGLETON ENGINEERS ATLANTA GEORGIA
SHEET 4	OF 6



EDA PROJECT NO. TN-0200-0

CITY OF HARRIMAN, TENNESSEE

SANITARY SEWERAGE SYSTEM IMPROVEMENTS

LINE-B EXISTING
LINE B-4 NOT IN THIS CONTRACT.
LINE B-5 NOT IN THIS CONTRACT.
LINE B-3-6 STA. 0+00 TO STA. 9+49 (END)

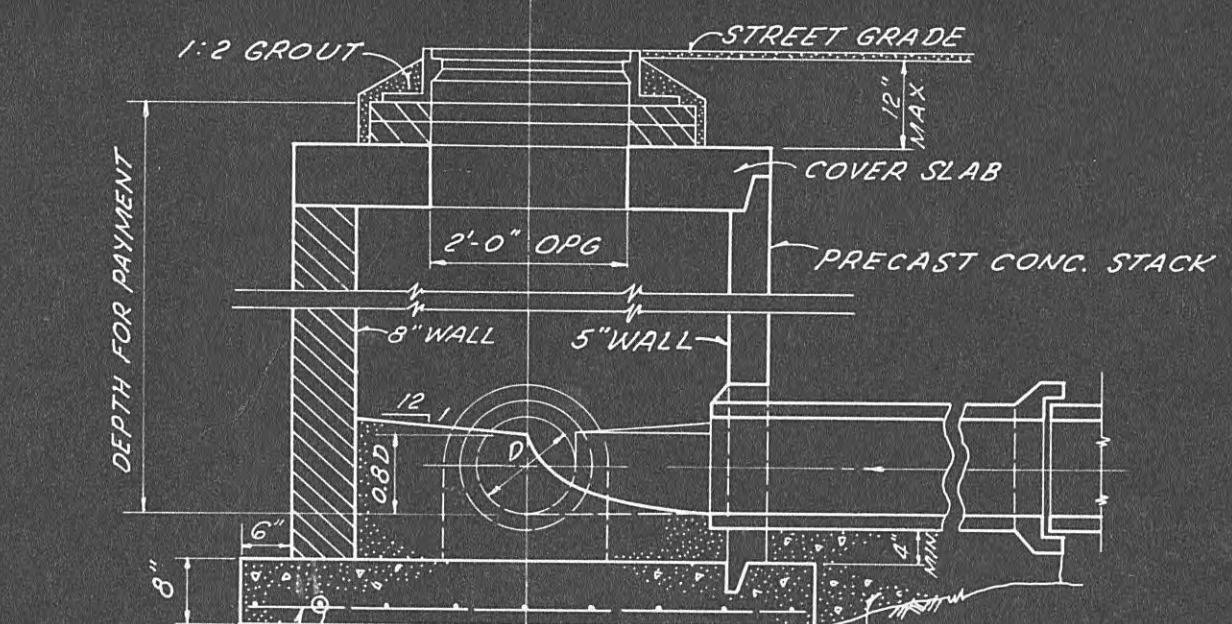
SCALE
HORIZ. 1" = 40'
VERT. 1" = 10'
DATE
SEPT. 1977

WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA GEORGIA

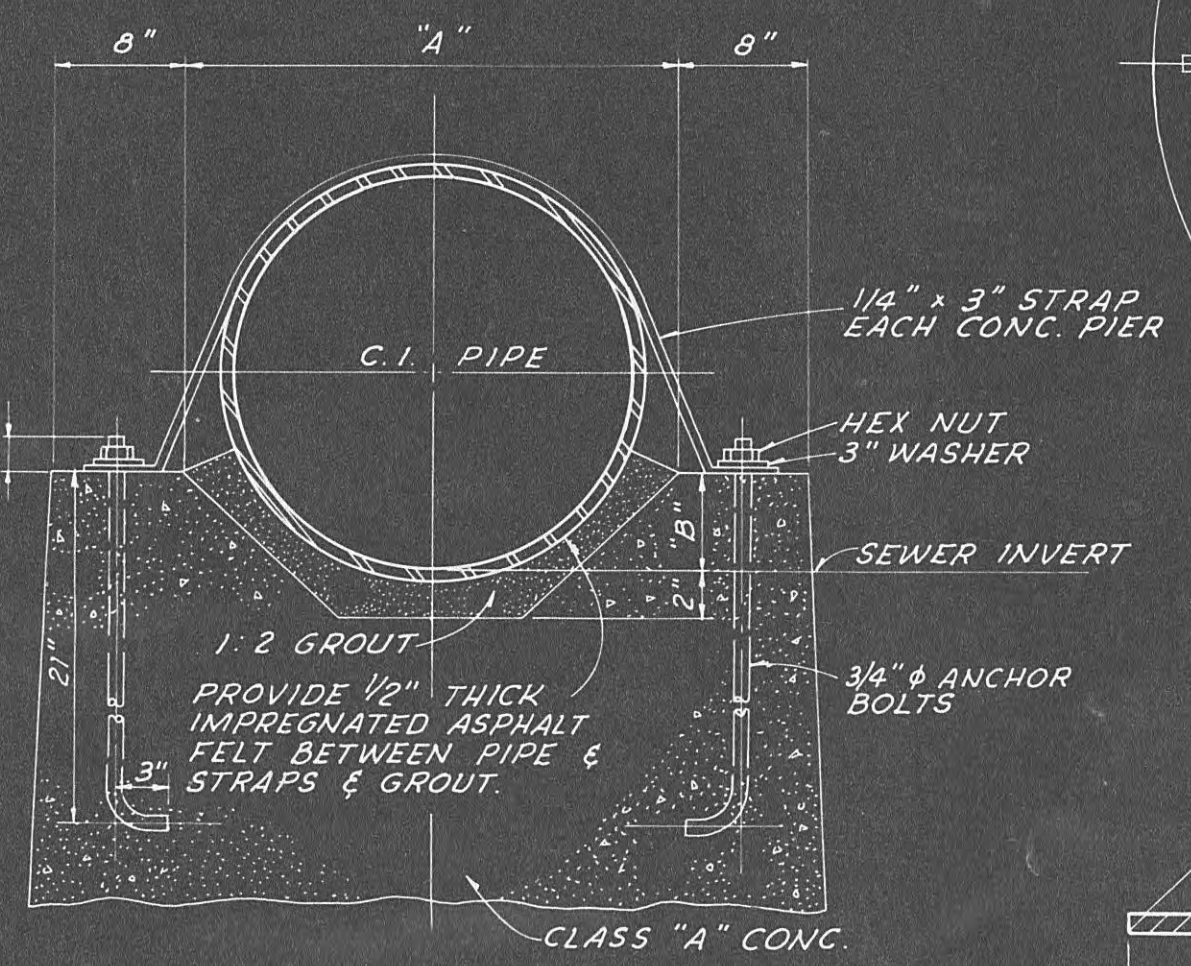
SHEET
5
OF 6

4-#5 BARS, HOOK EA END
4 SIDES OF OPG
BOTTOM OF SLAB

SECTION
4'-0" COVER SLAB
SCALE: 1/2" = 1'-0"

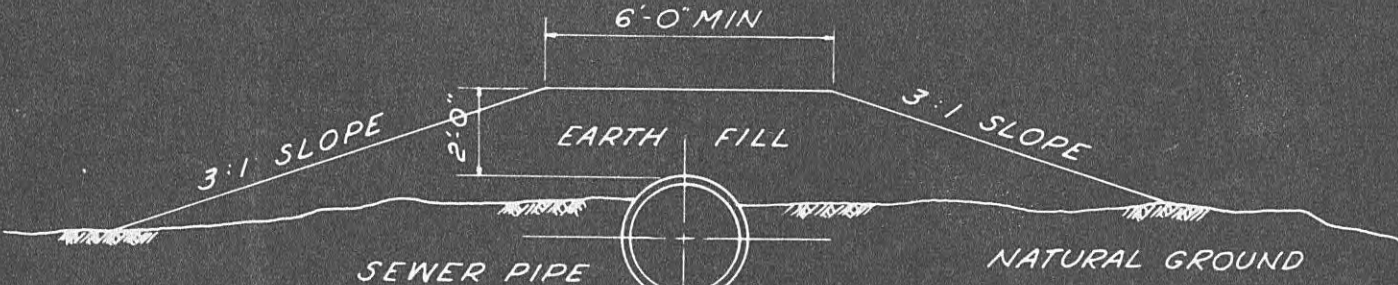
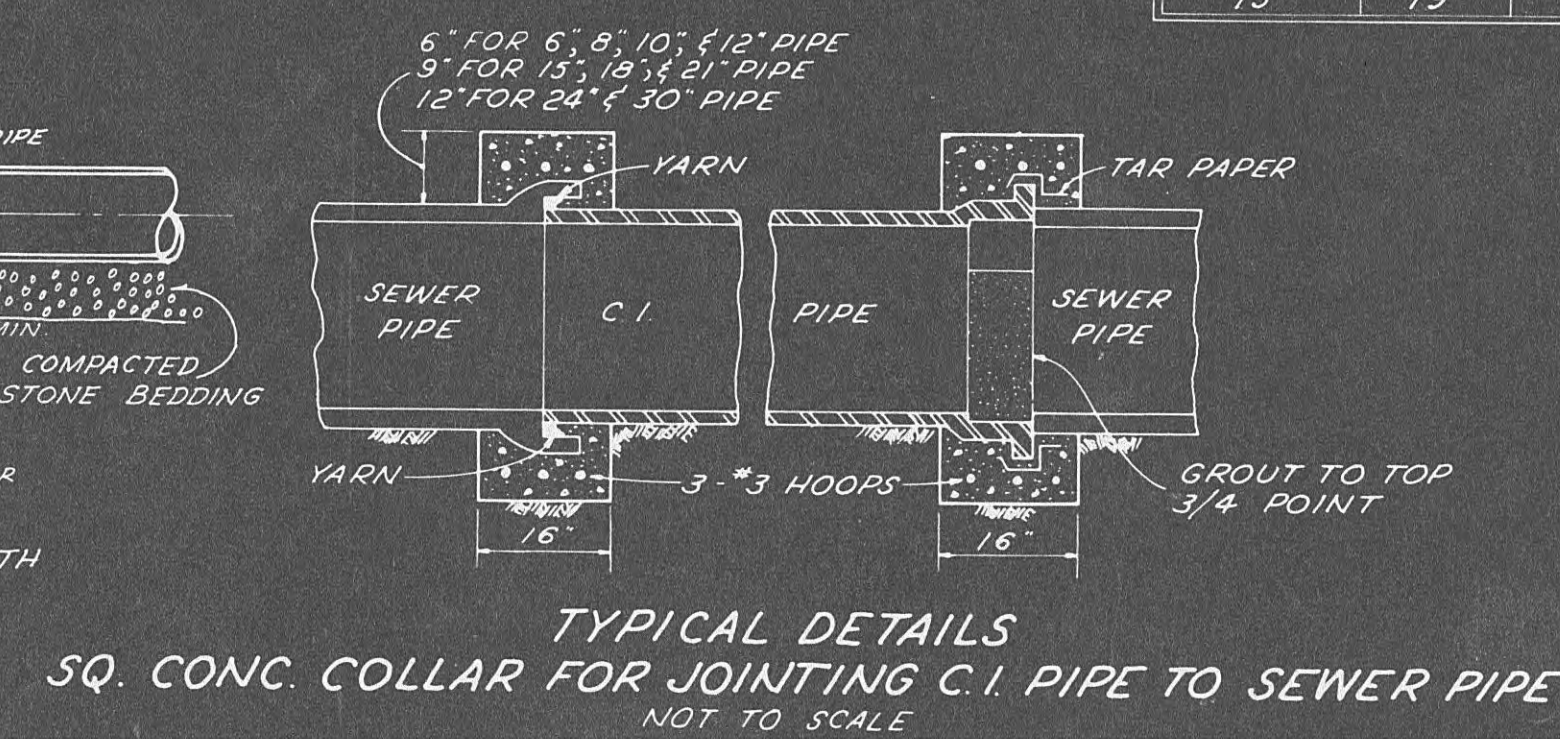


SECTION
4', 5' OR 6' DIA. MANHOLE
(ALTERNATE CONSTRUCTION)
SCALE: 1/2"=1'-0"

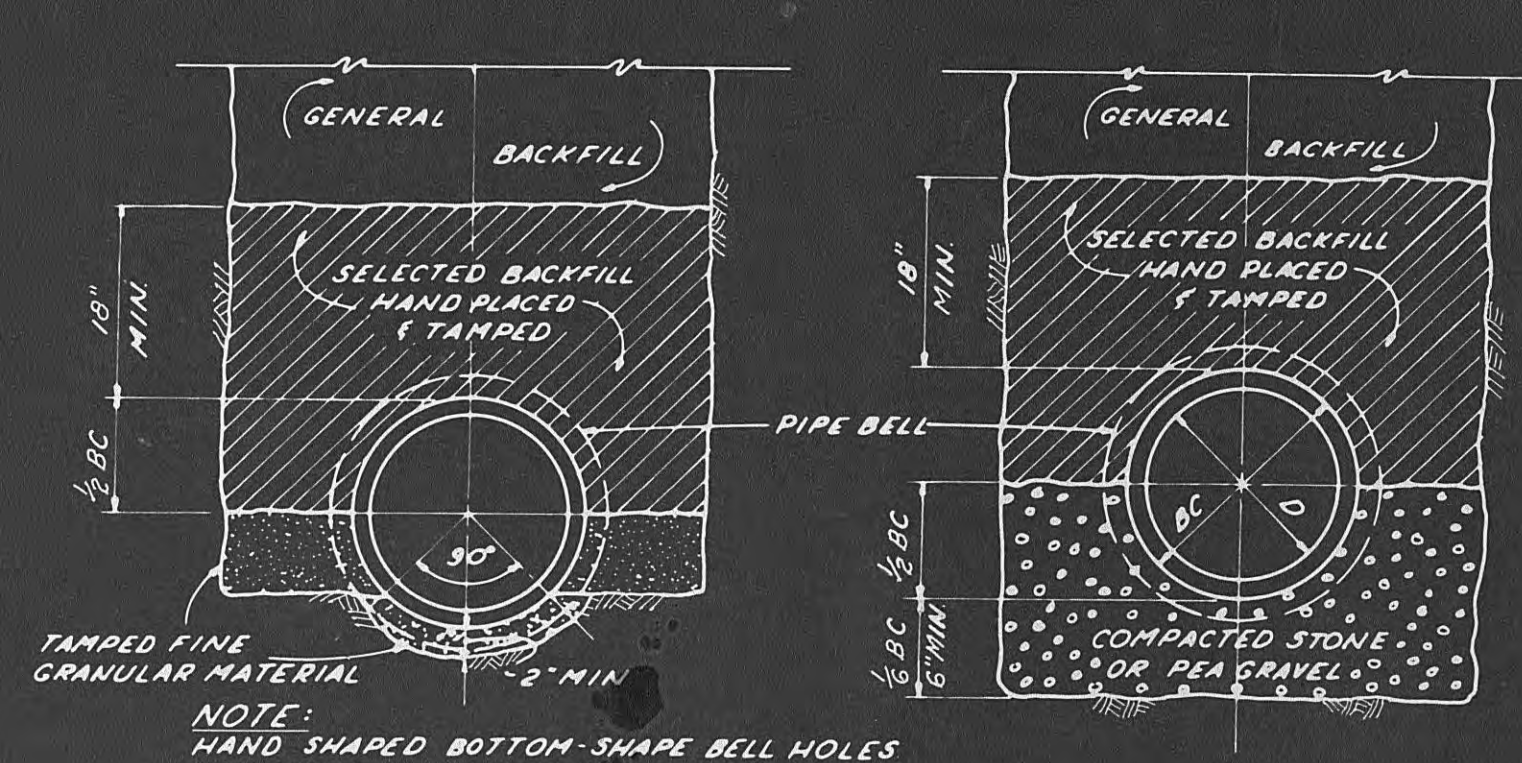


ENLARGED SECTION
SCALE: 1" = 1'-0"

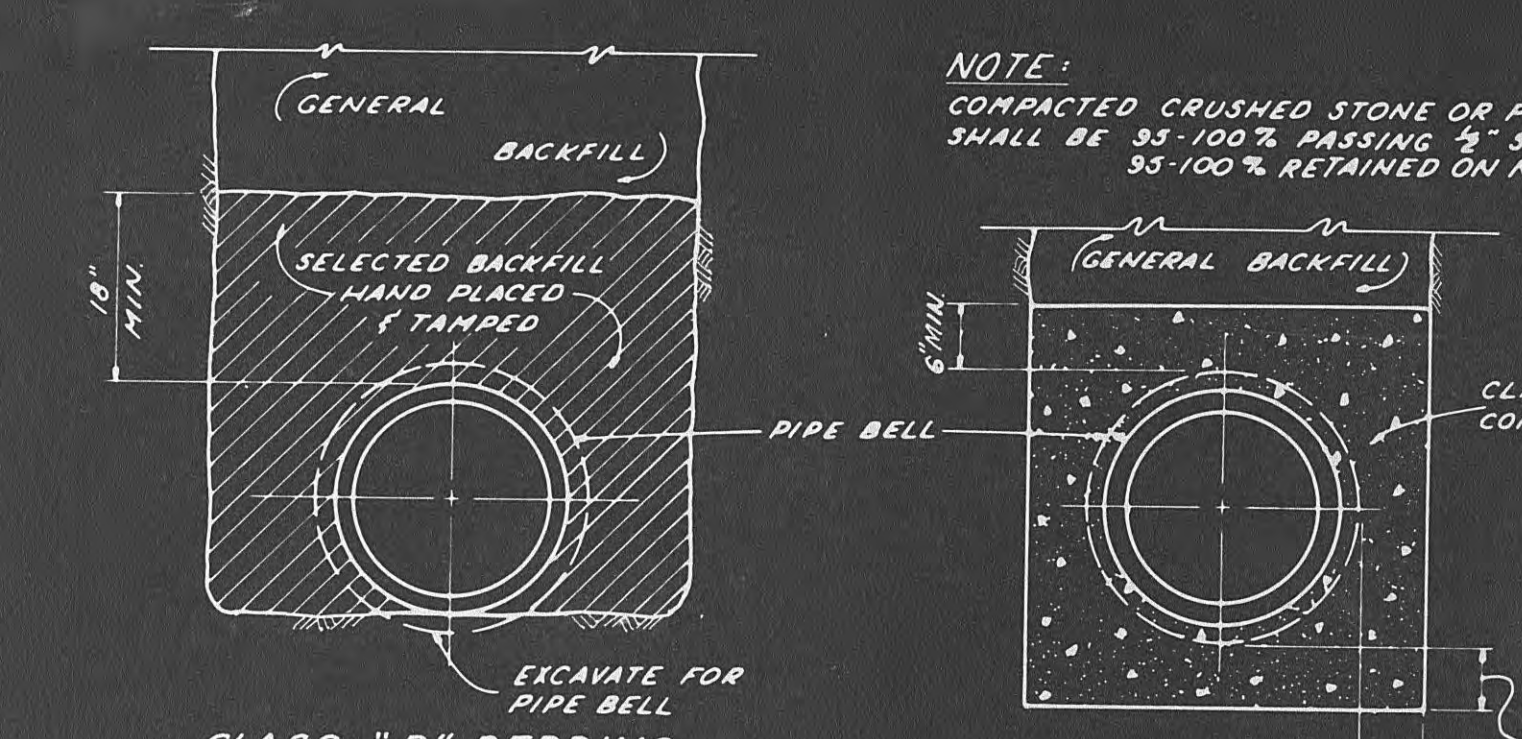
GOVERNING DIMENSIONS FOR CONCRETE PIERS			
I.D. PIPE	A	B	C
8"	11 1/2"	2"	8"
10"	13 1/2"	2 1/2"	10"
12"	15 1/2"	3"	10"
15"	19"	3"	15"



TYPICAL DETAIL - EARTH FILL OVER SEWER PIPE
NOT TO SCALE

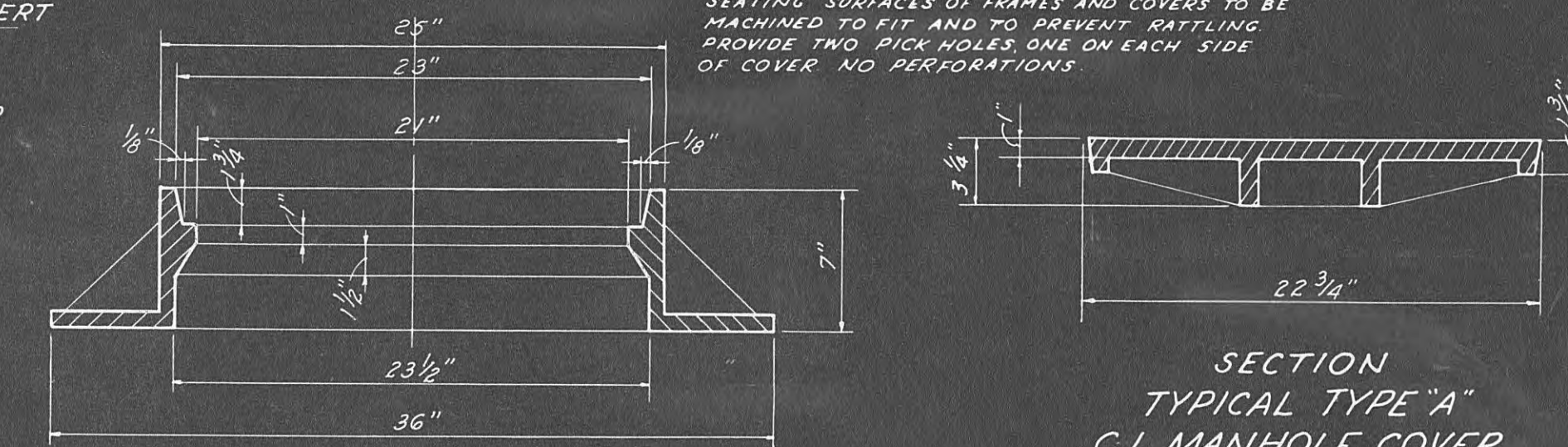


CLASS "B" BEDDING
USE EITHER TYPE

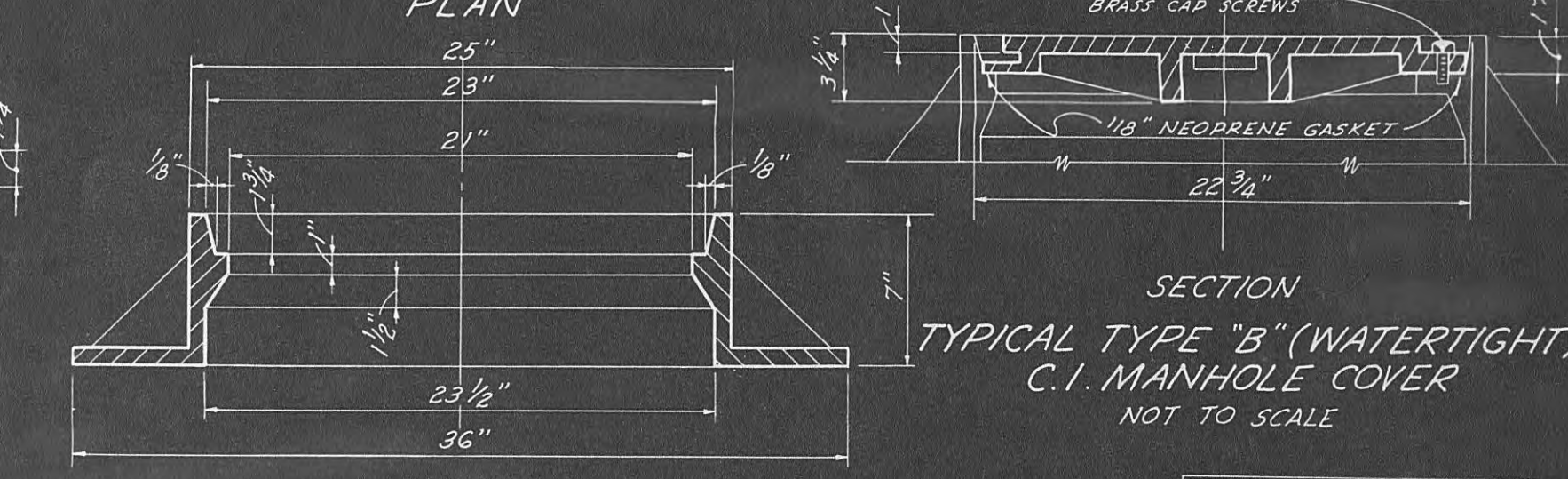


CLASS "D" BEDDING

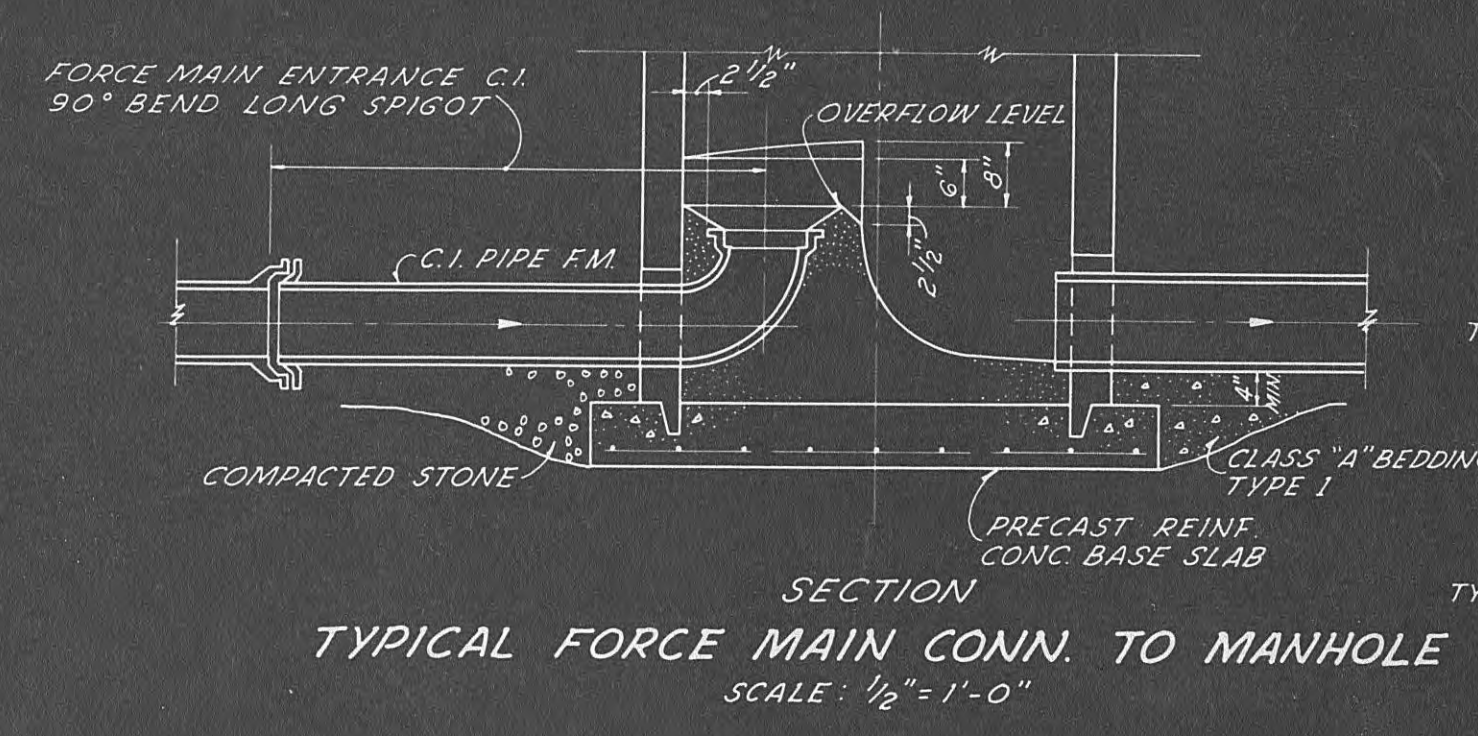
SECTION
TYPICAL TYPE "A"
C.I. MANHOLE COVER



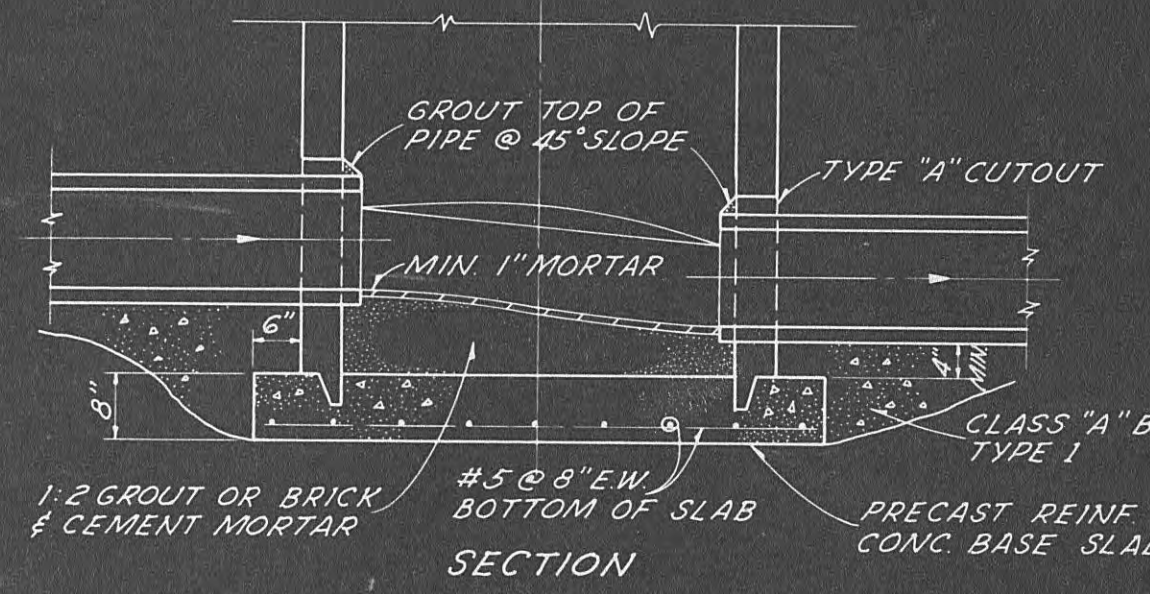
SECTION
TYPICAL TYPE "B" (WATERTIGHT)
C.I. MANHOLE COVER
NOT TO SCALE



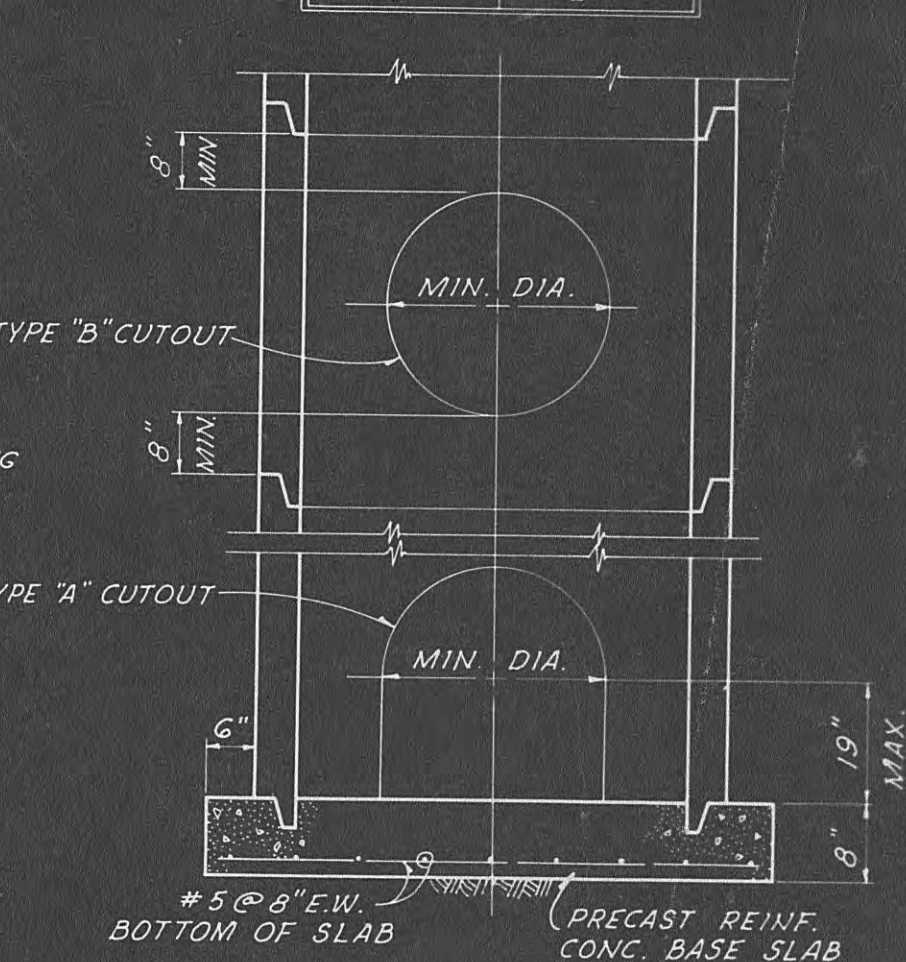
TYPICAL DETAILS OF SANITARY HOUSE SERVICE LINE
NOT TO SCALE



TYPICAL FORCE MAIN CONN. TO MANHOLE
SCALE: 1/2" = 1'-0"



TYPICAL MANHOLE INVERT
(ALL SIZES)
SCALE: 1/2"=1'-0"



SECTION
CUTOUT DETAIL
SCALE: 1/2" = 1'-0"