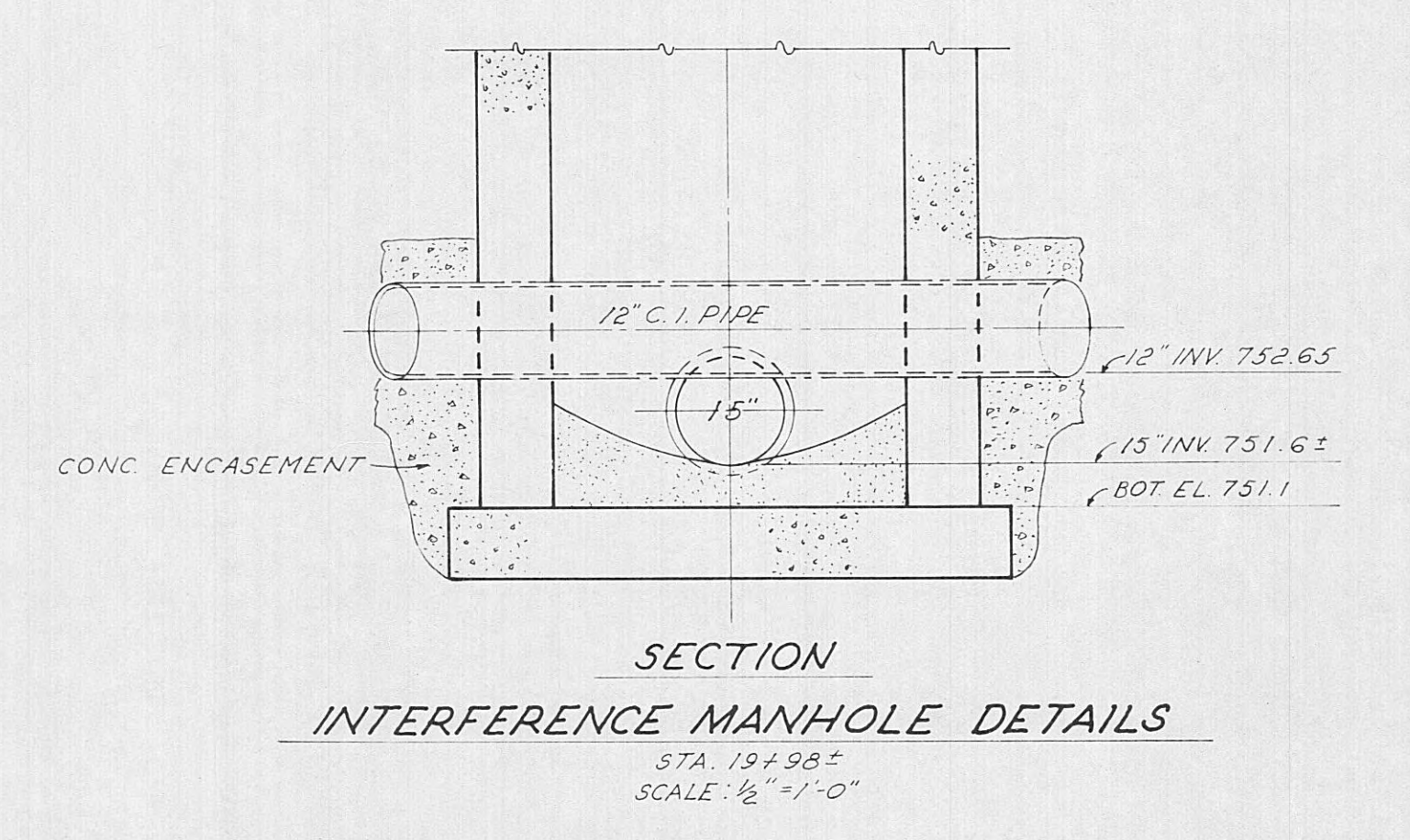
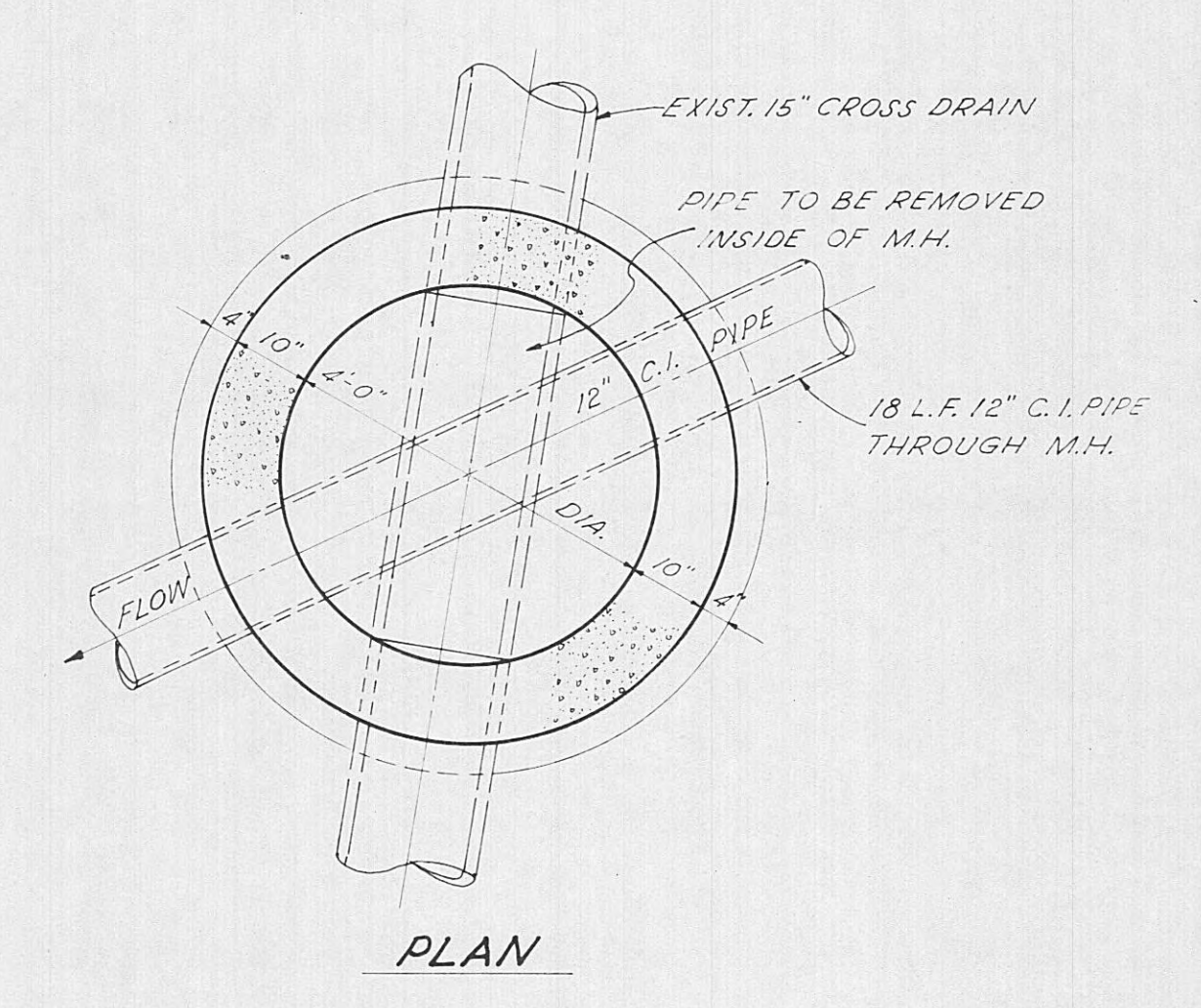
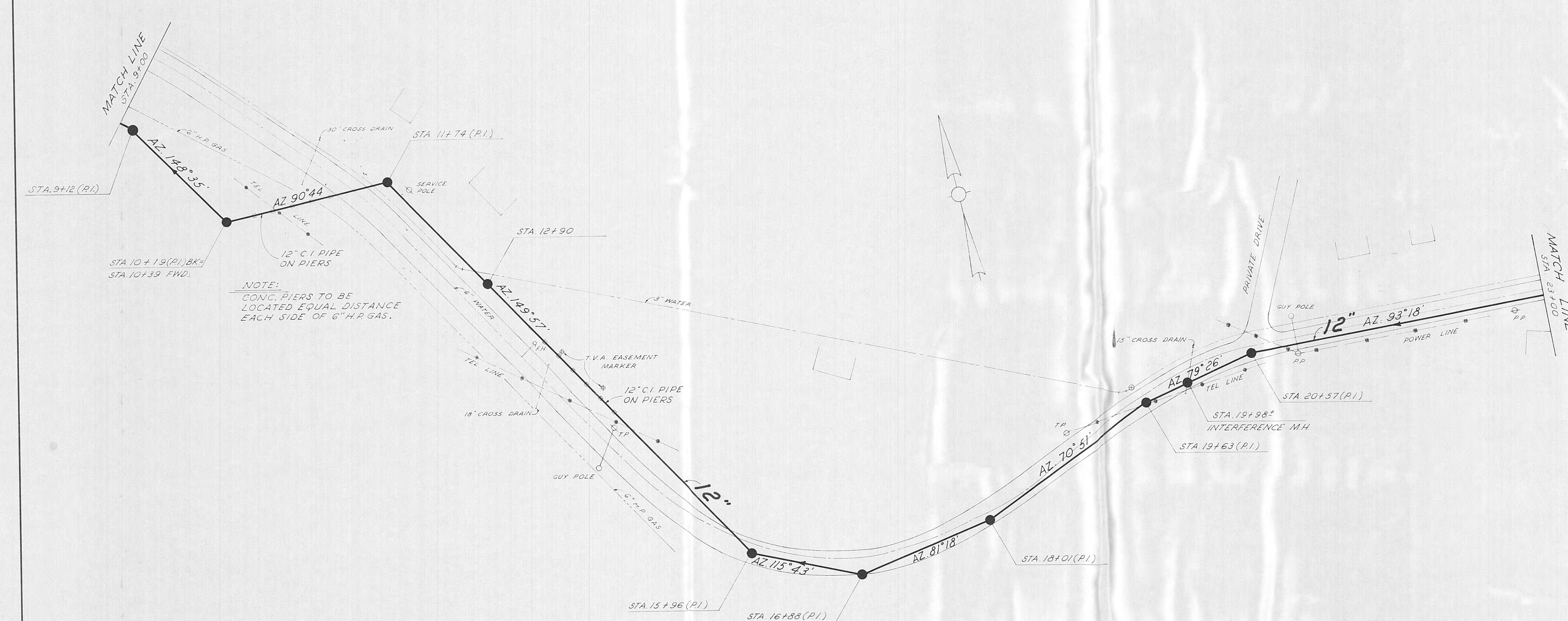
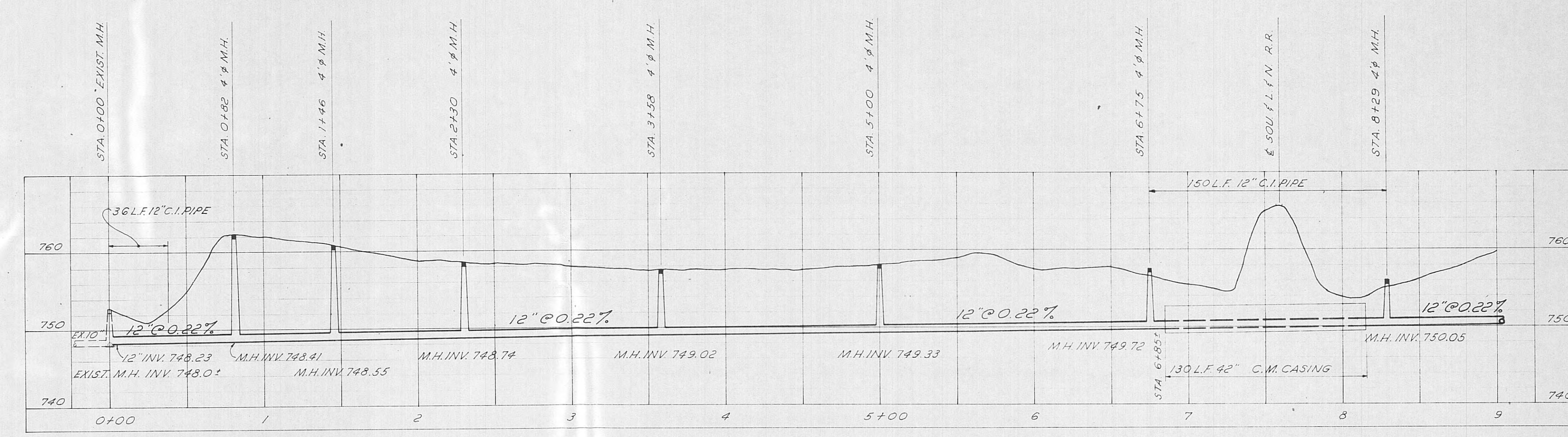
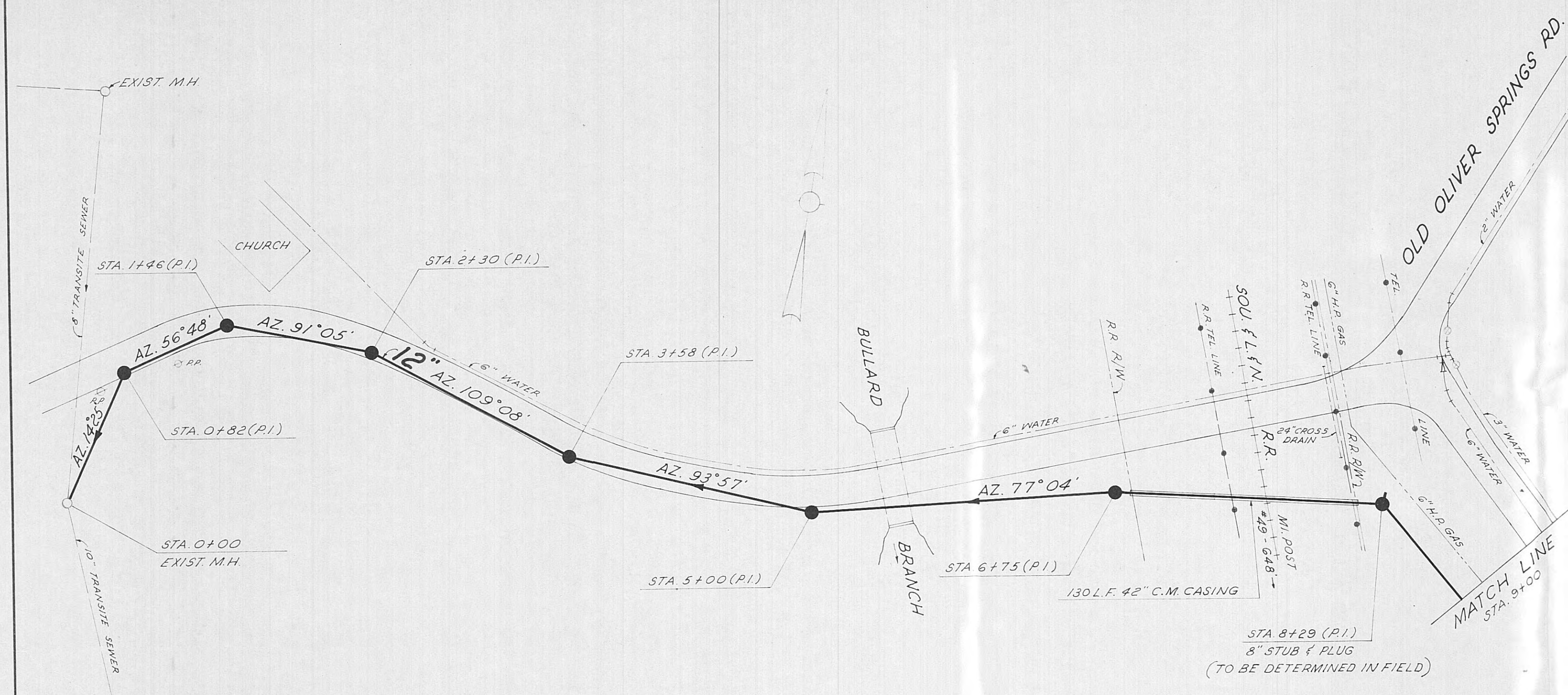
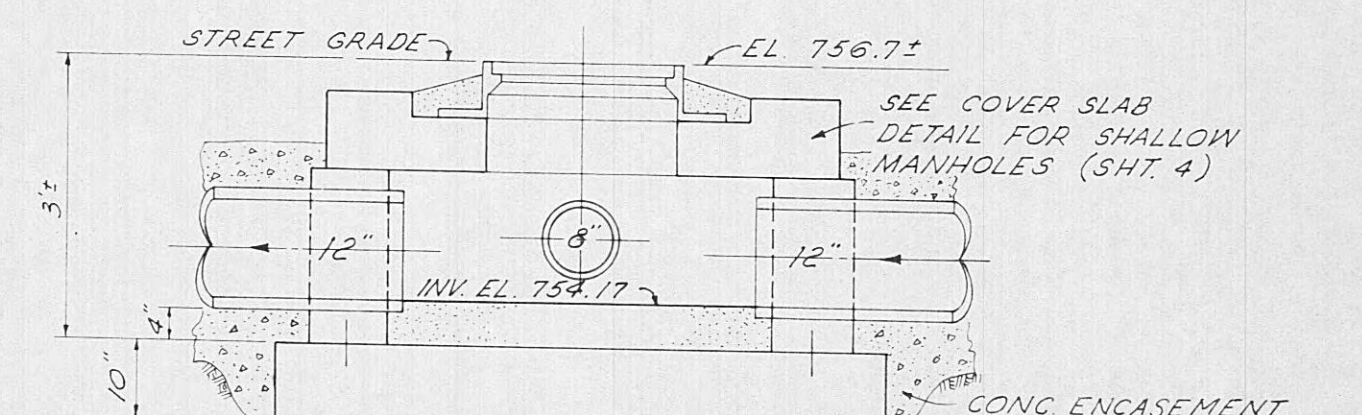
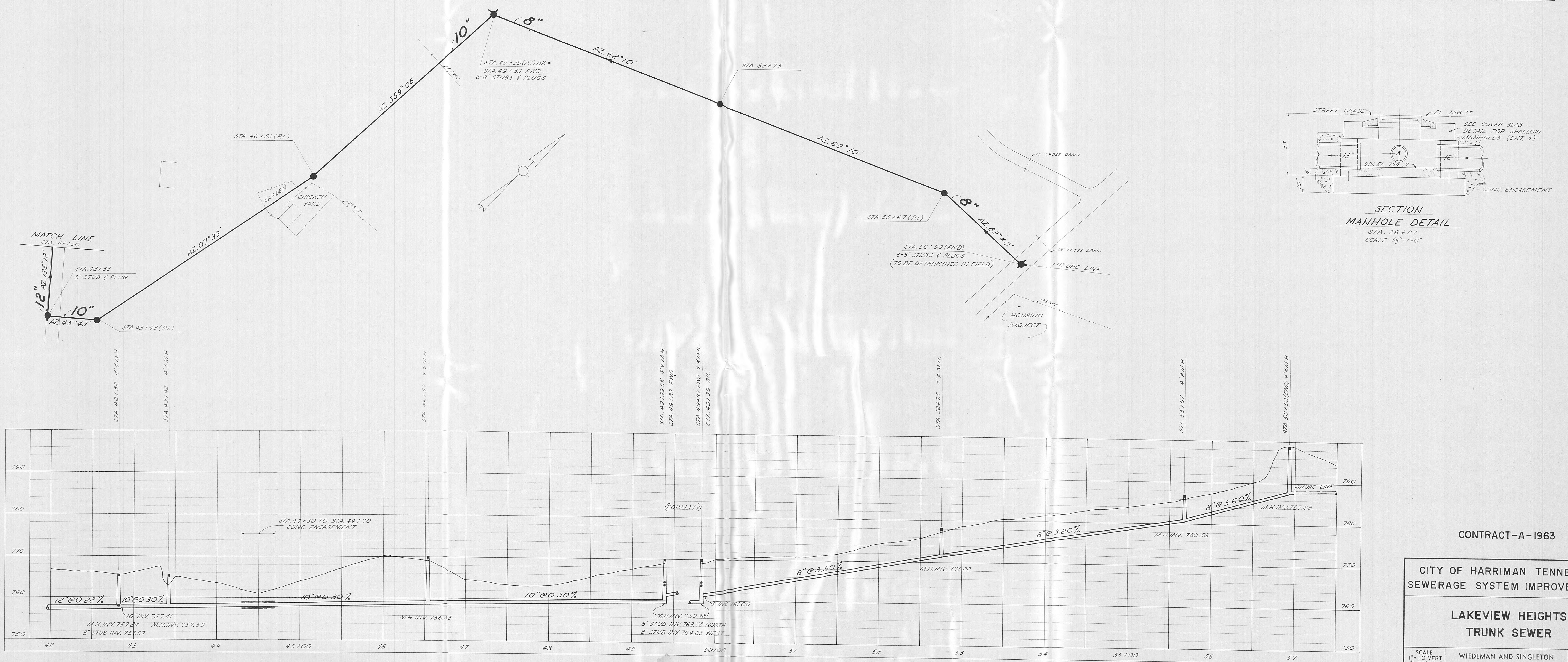
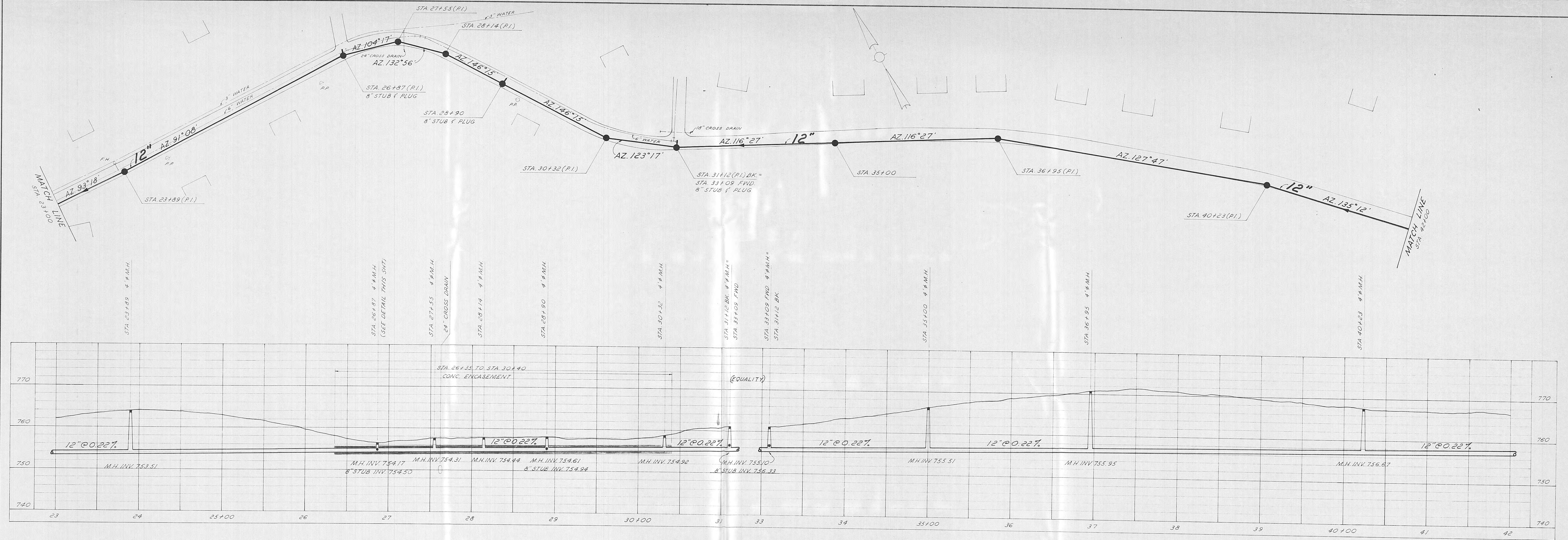


CONTRACT-A-1963

CITY OF HARRIMAN, TENNESSEE
SEWERAGE SYSTEM IMPROVEMENT

LAKEVIEW HEIGHTS
TRUNK SEWER

SCALE: 1\"/>



CONTRACT-A-1963

CITY OF HARRIMAN TENNESSEE
SEWERAGE SYSTEM IMPROVEMENTS

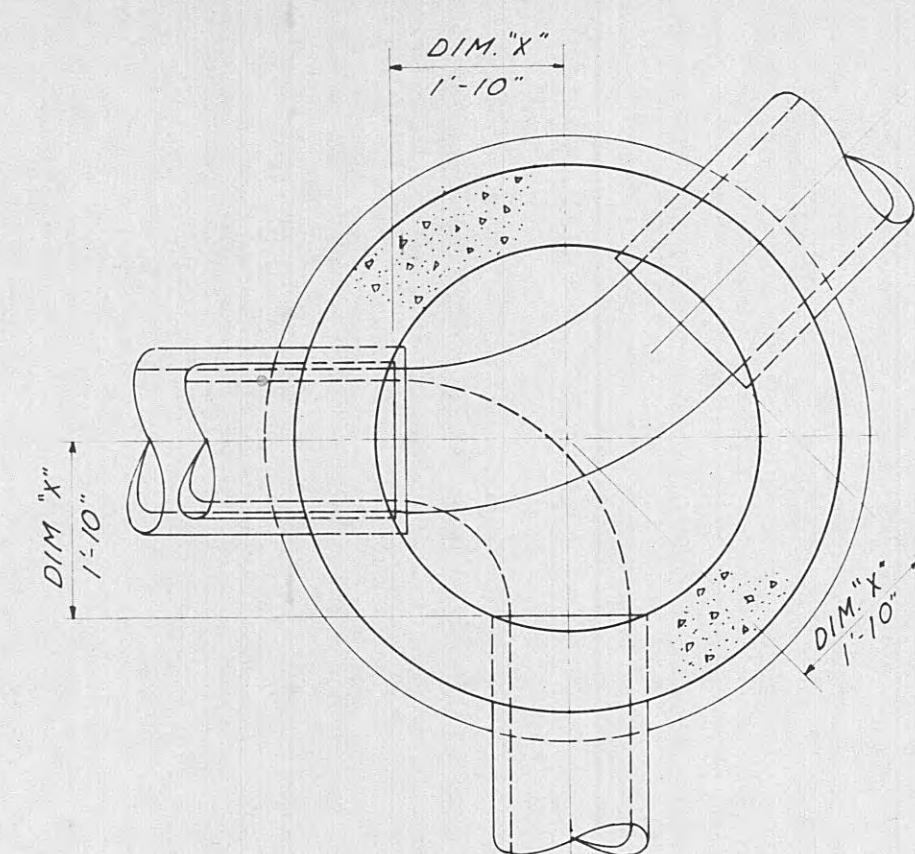
LAKEVIEW HEIGHTS
TRUNK SEWER

SCALE
1"=10' VERT
1"=50' HORIZ
DATE
JUNE, 1963

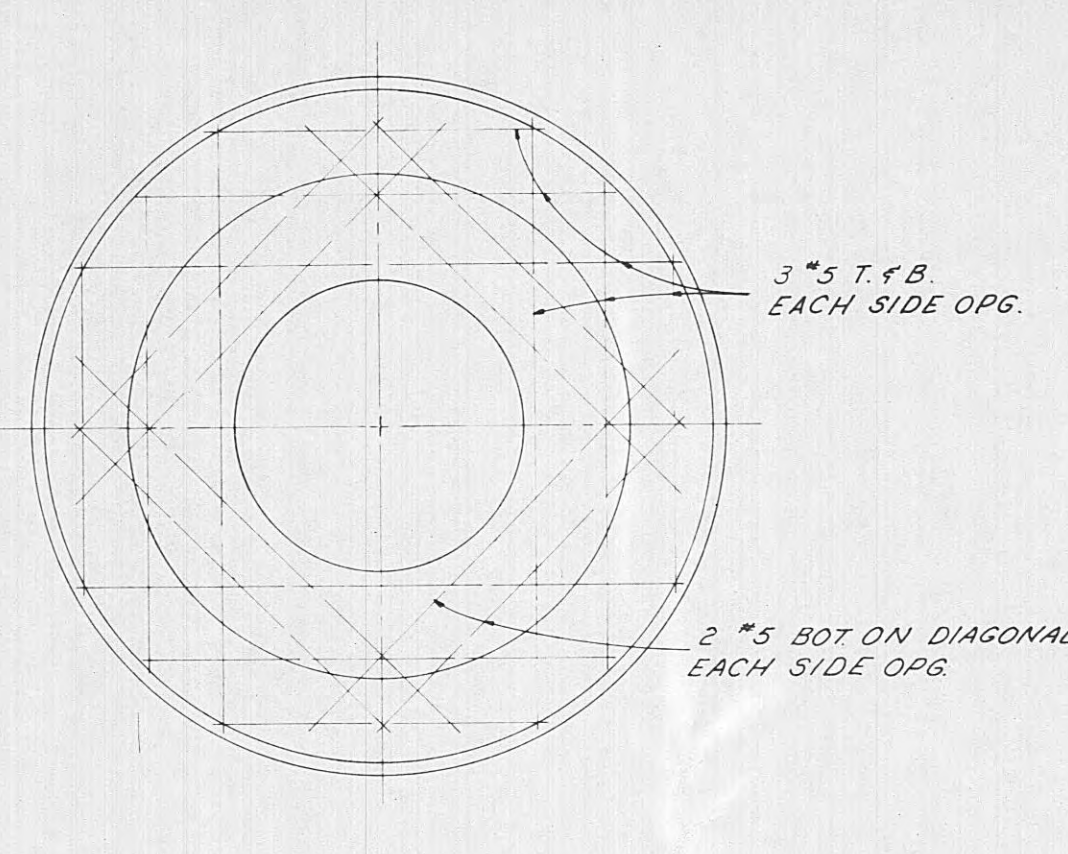
WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA

GEORGIA

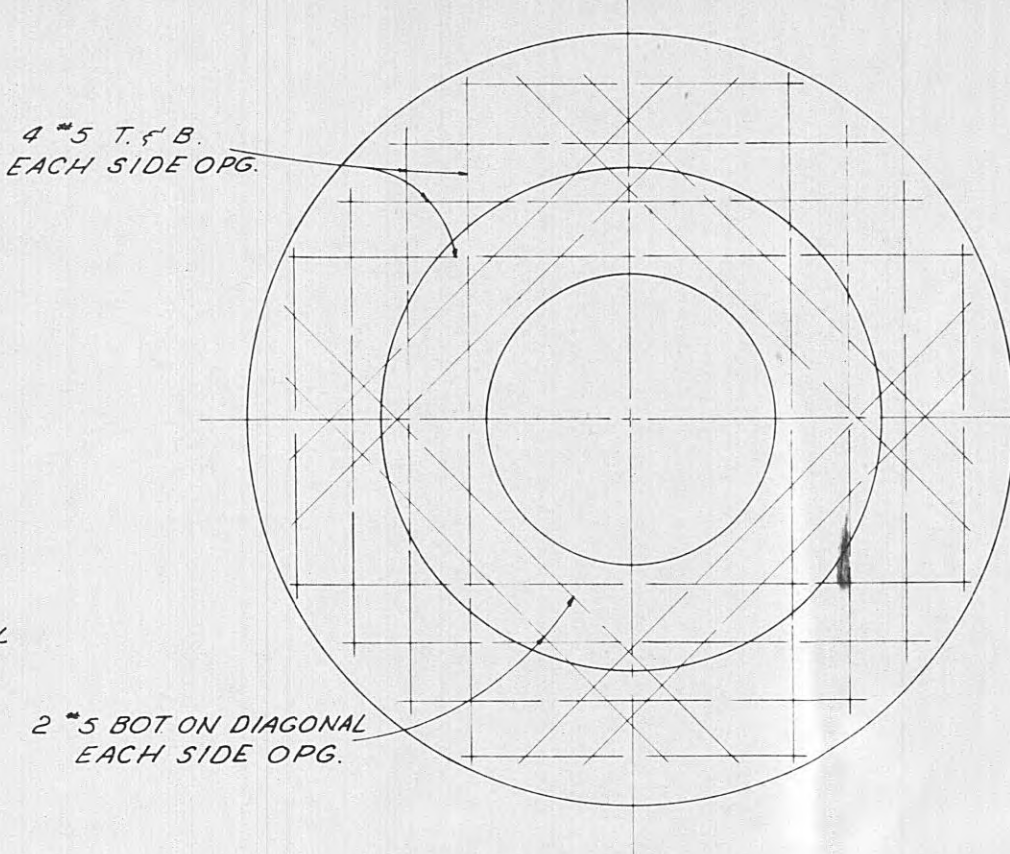
SHEET
3
OF 4



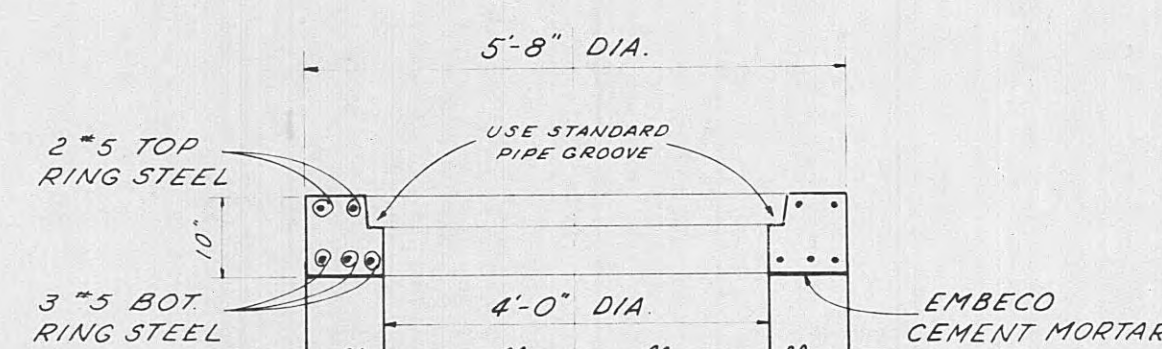
INVERT PLAN



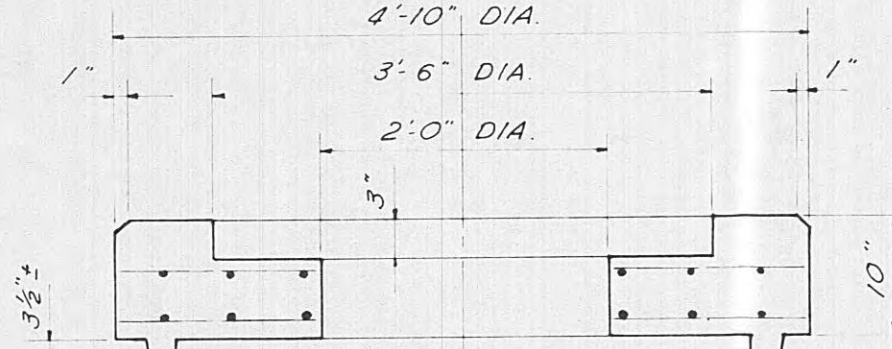
PLAN



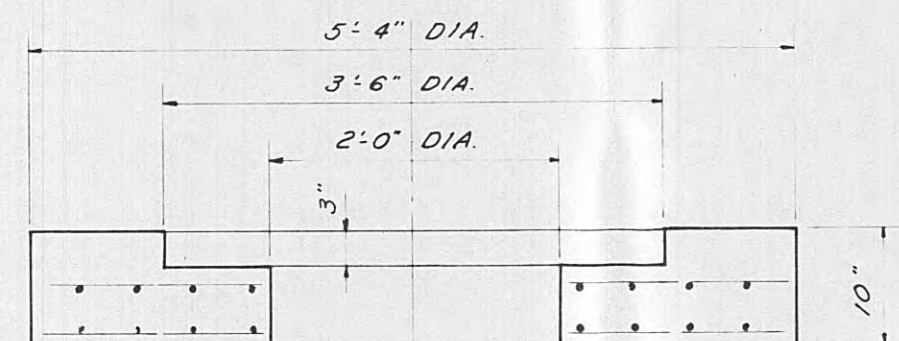
PLAN



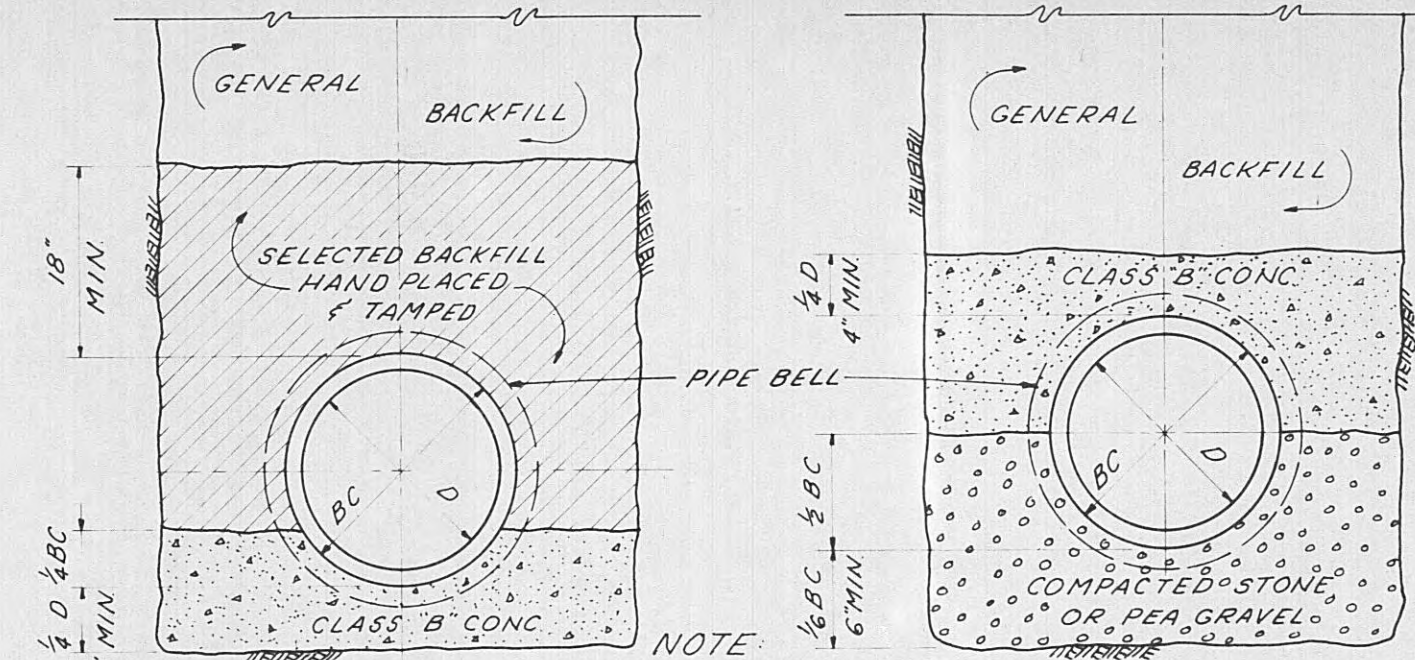
SECTION RING SLAB (FOR CONG OR CONG. PIPE STACK)



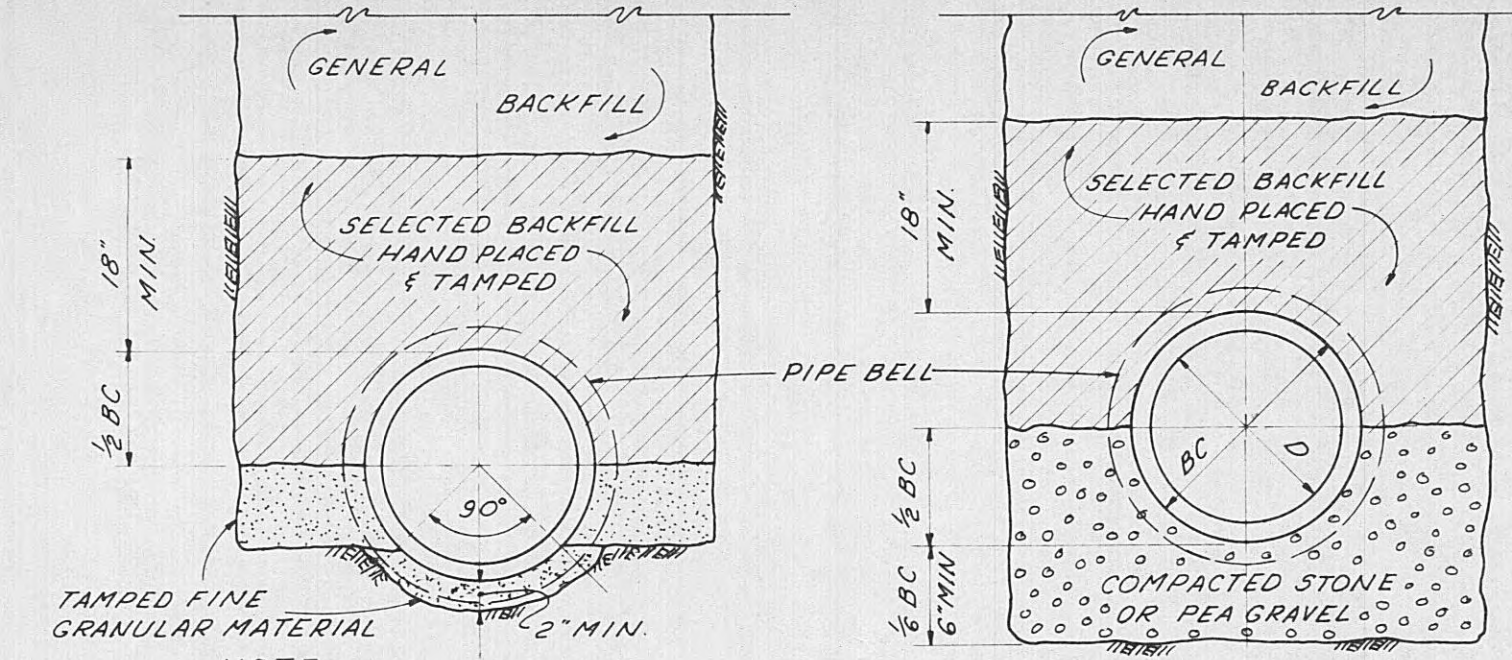
SECTION COVER SLAB DETAILS (FOR CONG. OR CONG. PIPE STACK) SCALE: 1/2\"/>



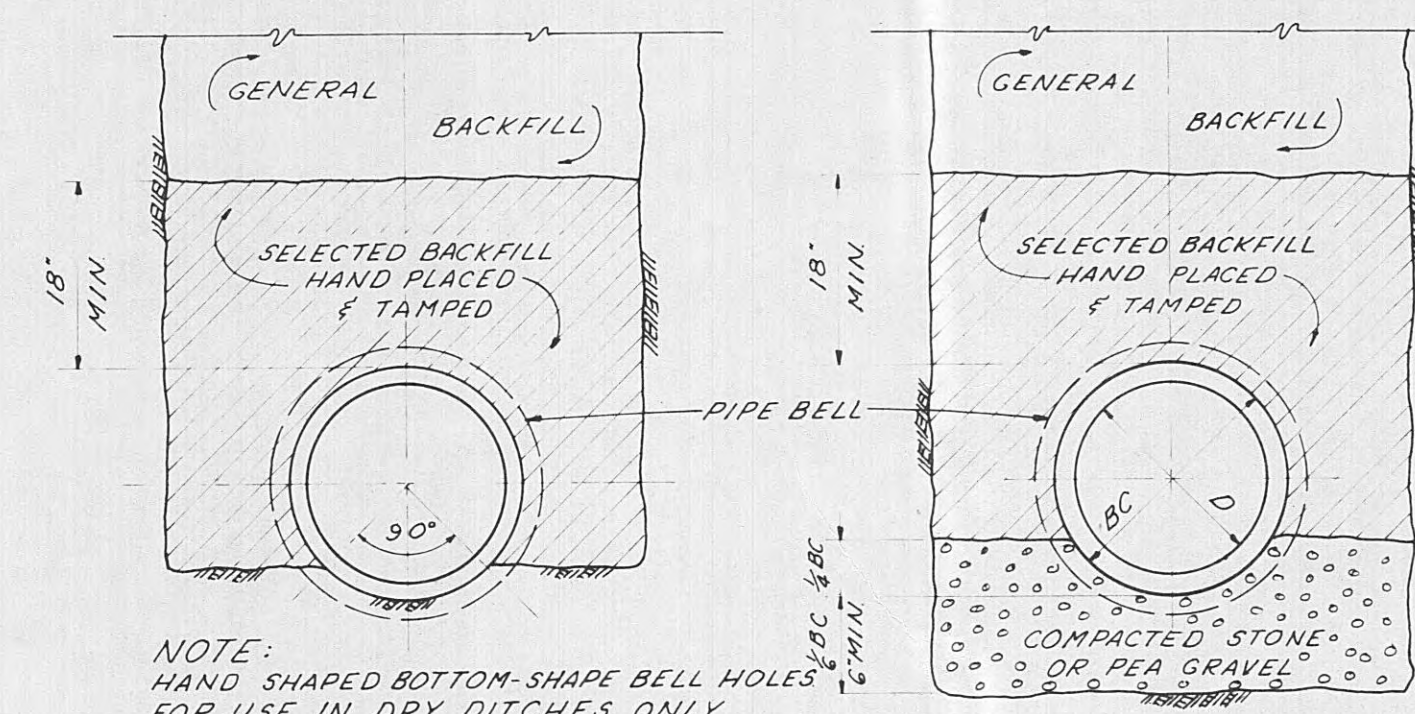
SECTION COVER SLAB DETAILS (FOR BRICK OR CONG. STACK-SHALLOW MANHOLES) SCALE: 1/2\"/>



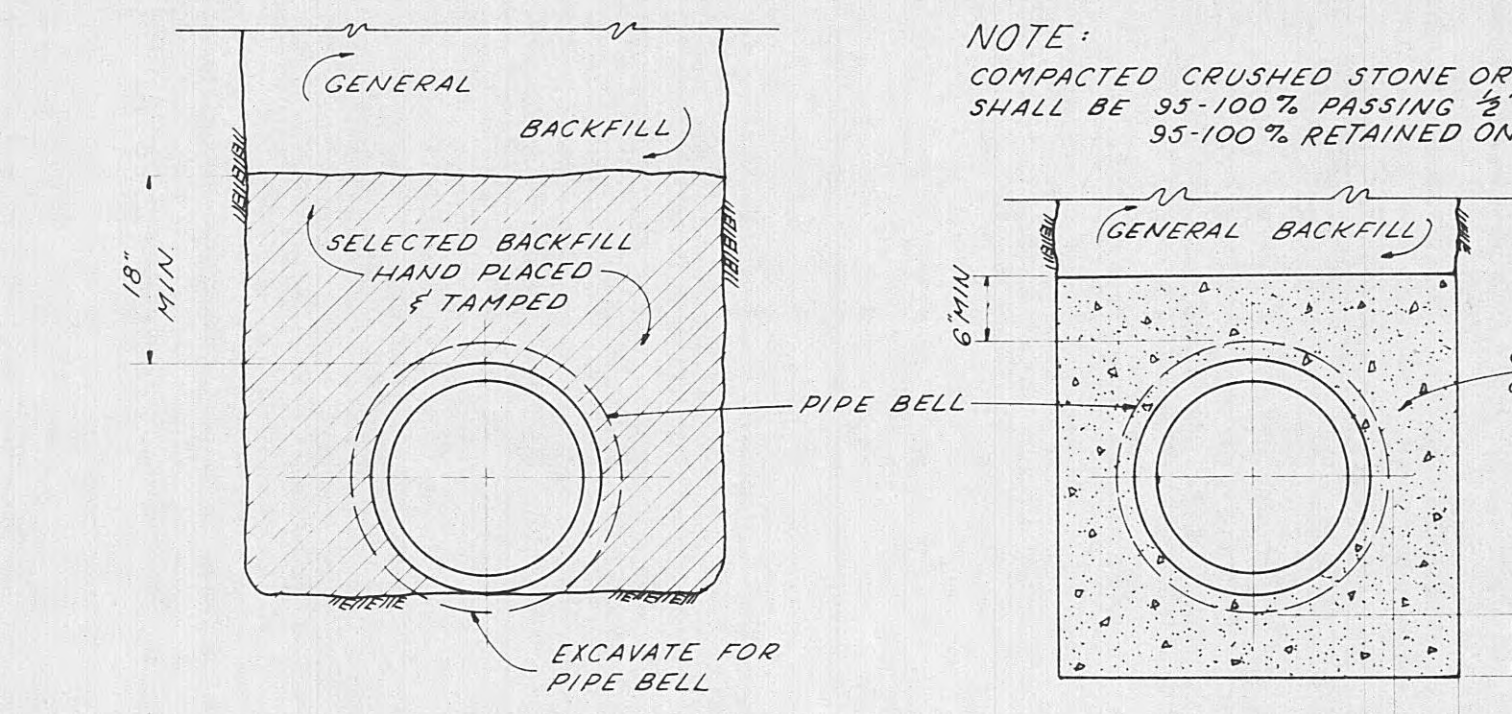
CLASS "A" BEDDING USE EITHER TYPE



CLASS "B" BEDDING USE EITHER TYPE



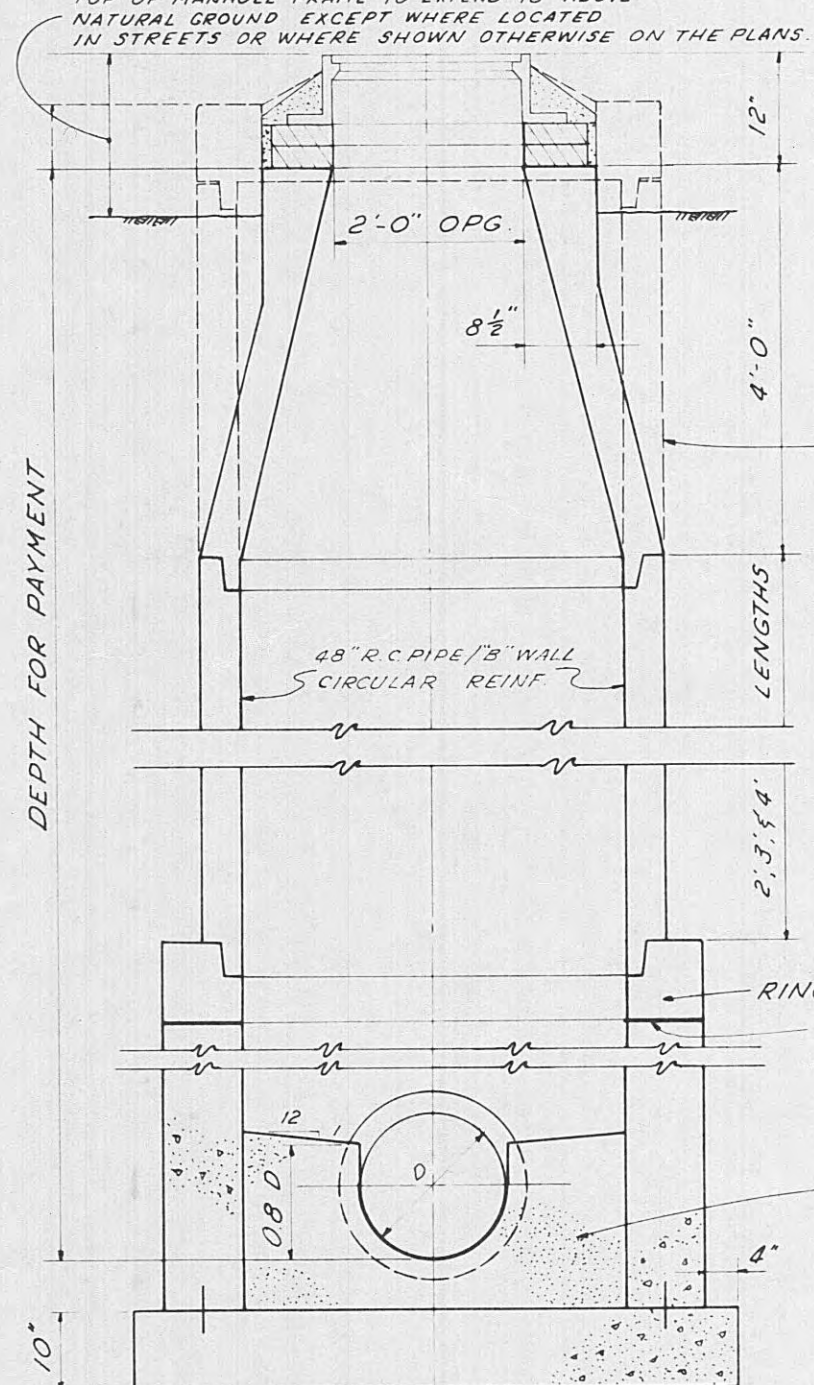
CLASS "C" BEDDING USE EITHER TYPE



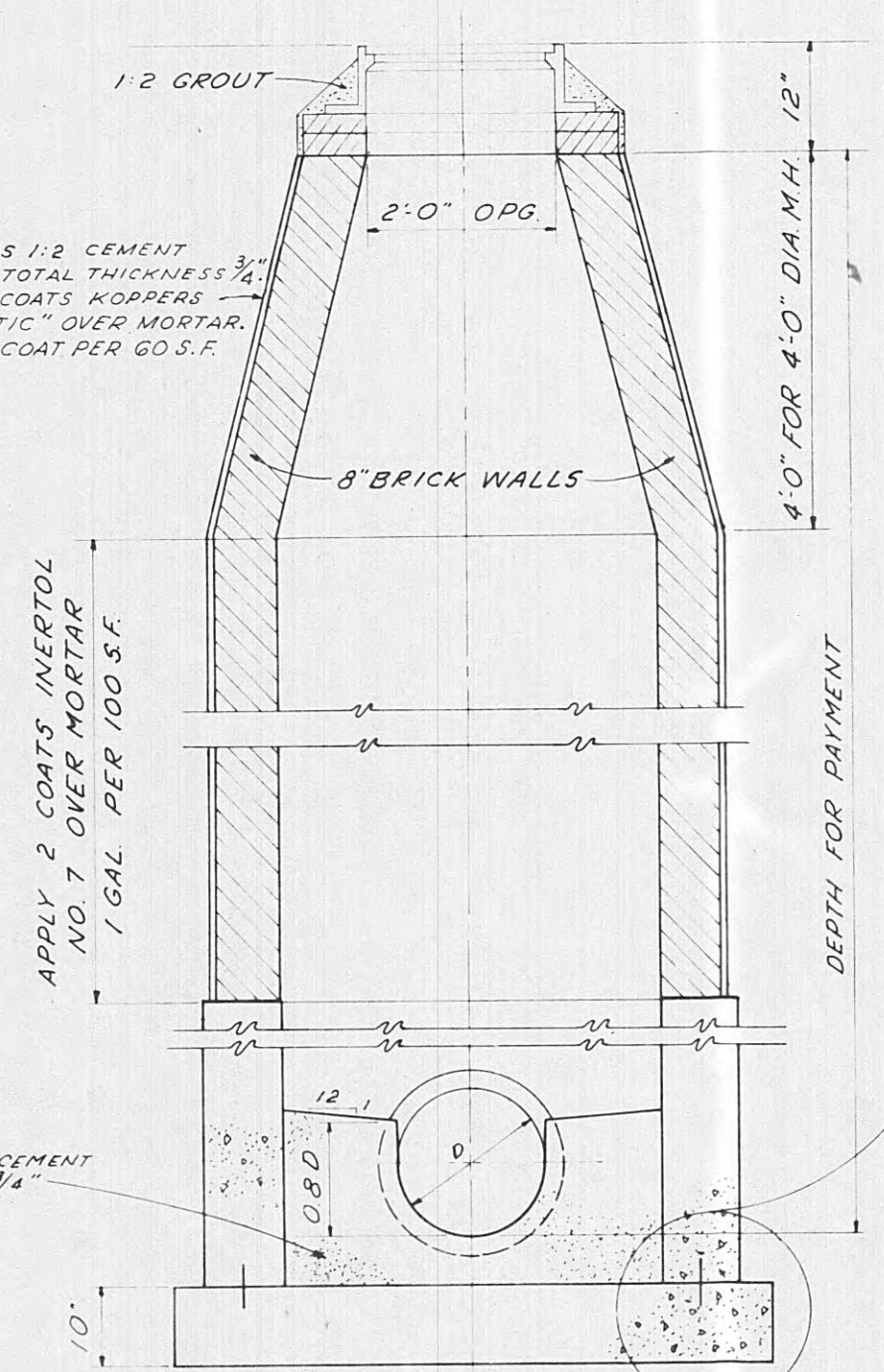
CLASS "D" BEDDING

CONCRETE ENCASEMENT

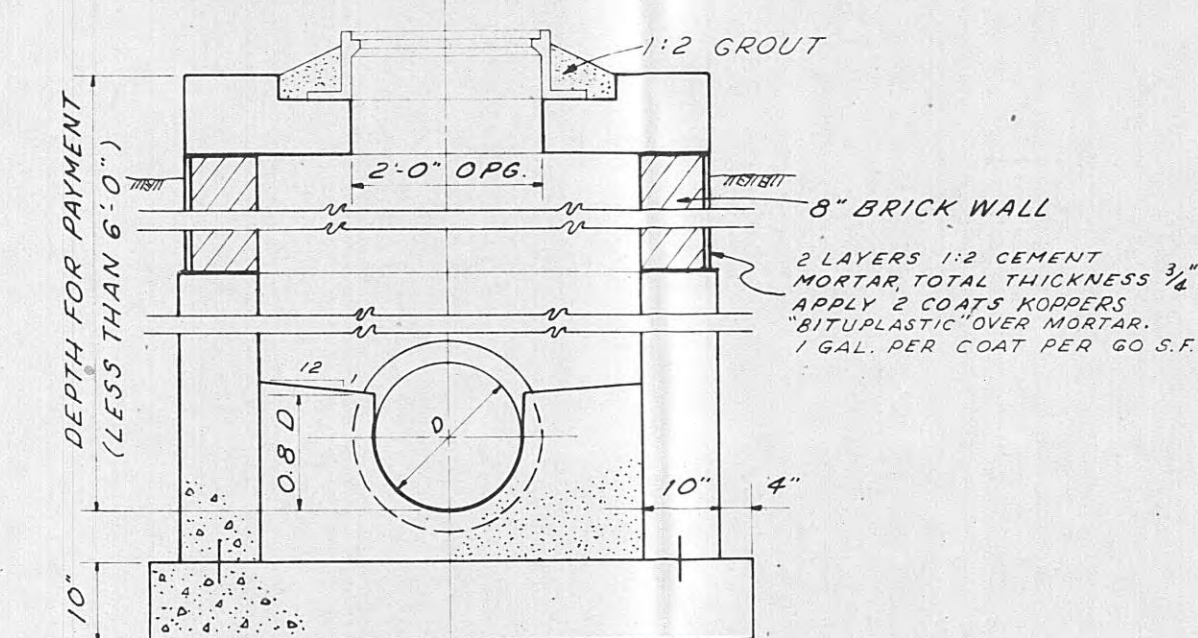
NOTE: TOP OF MANHOLE FRAME TO EXTEND 18" ABOVE NATURAL GROUND EXCEPT WHERE LOCATED IN STREETS OR WHERE SHOWN OTHERWISE ON THE PLANS



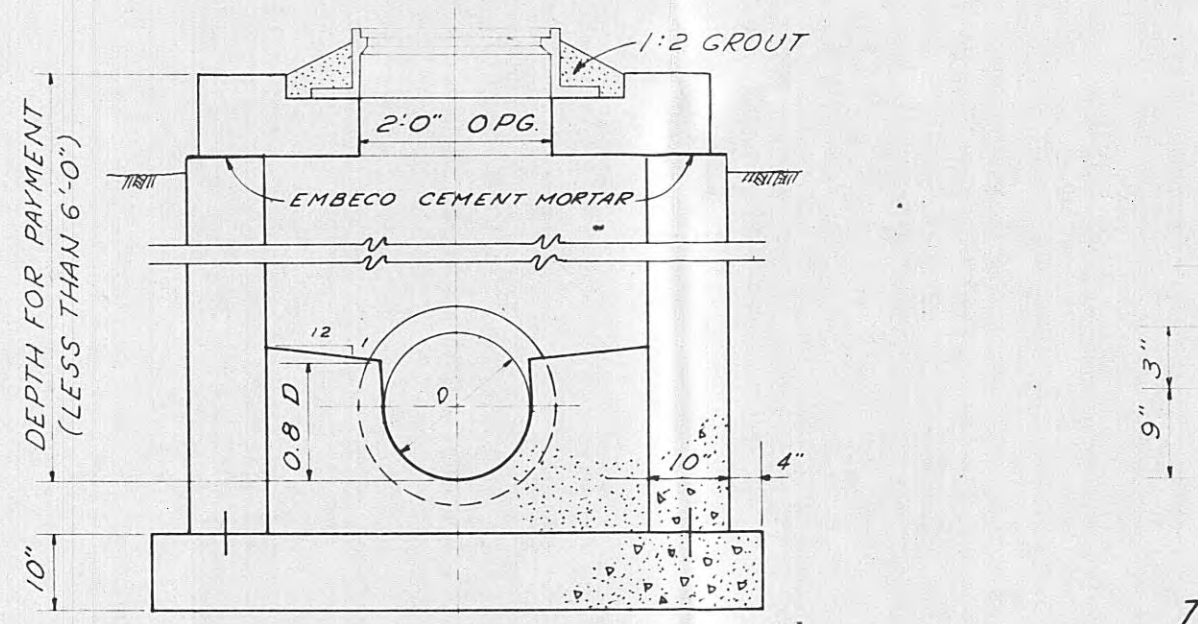
SECTION 4' DIA. MANHOLE SCALE: 1/2\"/>



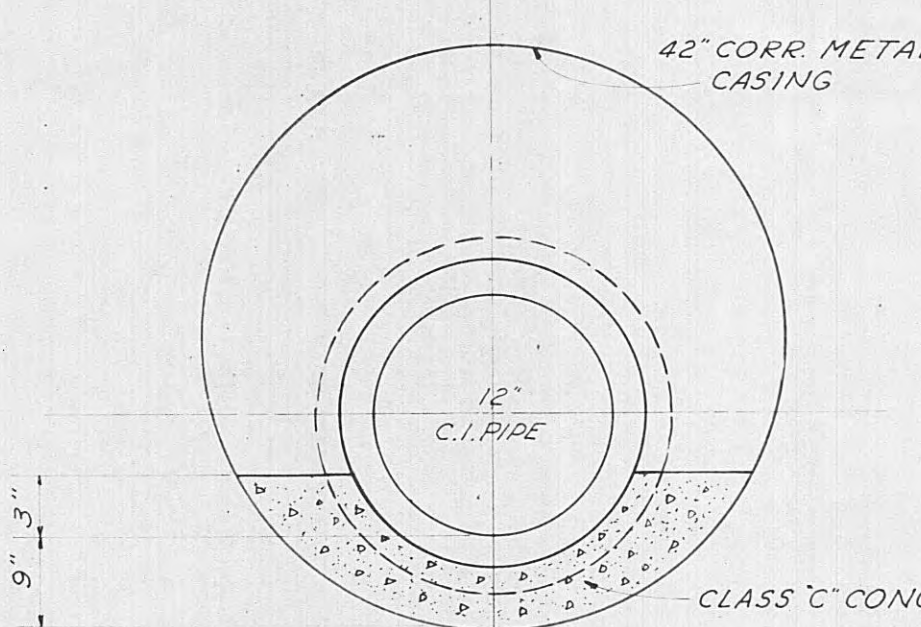
SECTION 4' DIA. MANHOLE (ALTERNATE CONSTRUCTION) SCALE: 1/2\"/>



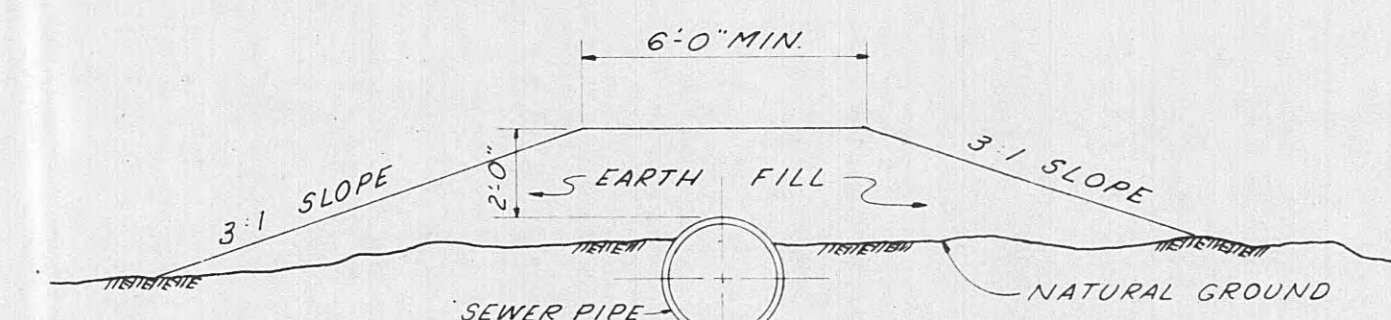
SECTION 4' DIA. SHALLOW MANHOLE (ALTERNATE CONSTRUCTION) SCALE: 1/2\"/>



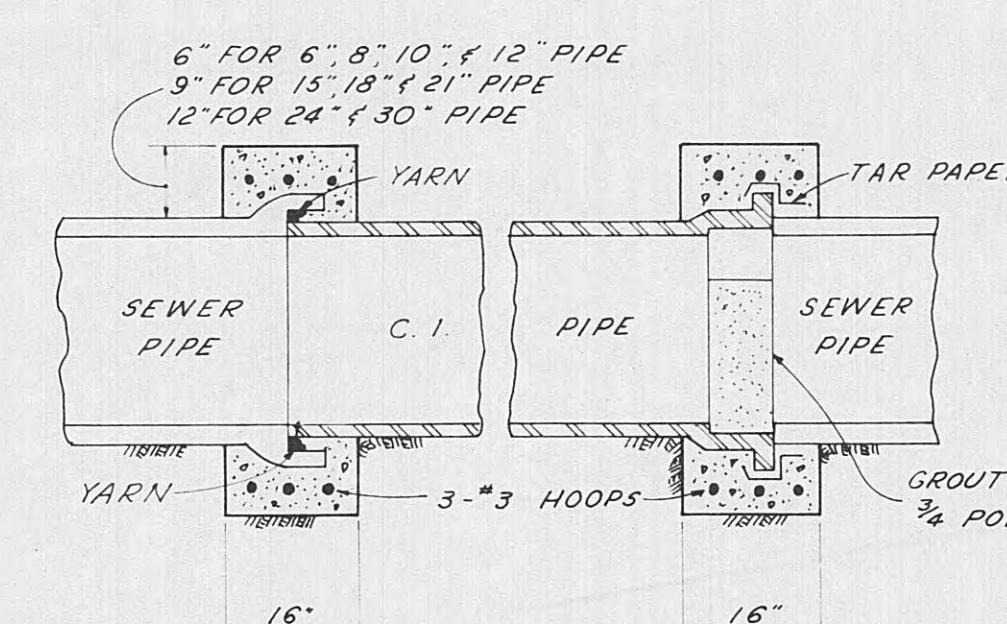
SECTION 4' DIA. SHALLOW MANHOLE SCALE: 1/2\"/>



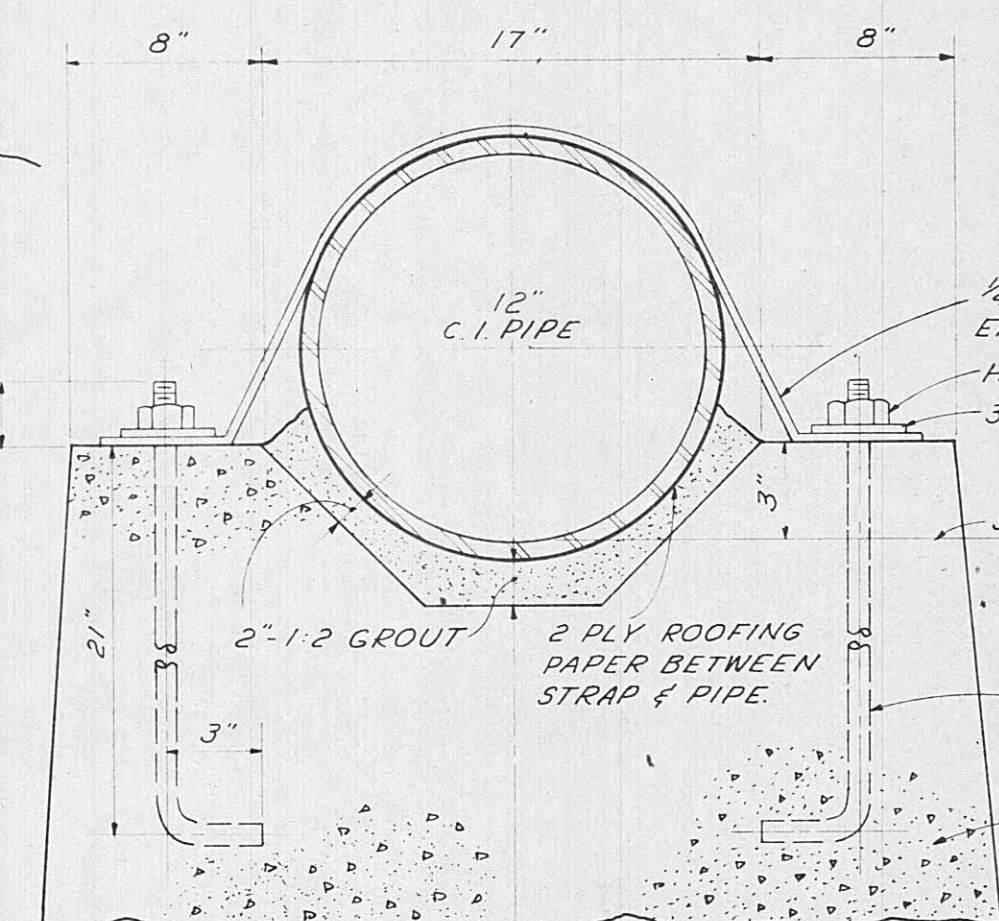
TYPICAL DETAIL OF SEWER PIPE LAID IN C.I. CASING STA. 6+85.2 TO STA. 3+13.2 NOT TO SCALE



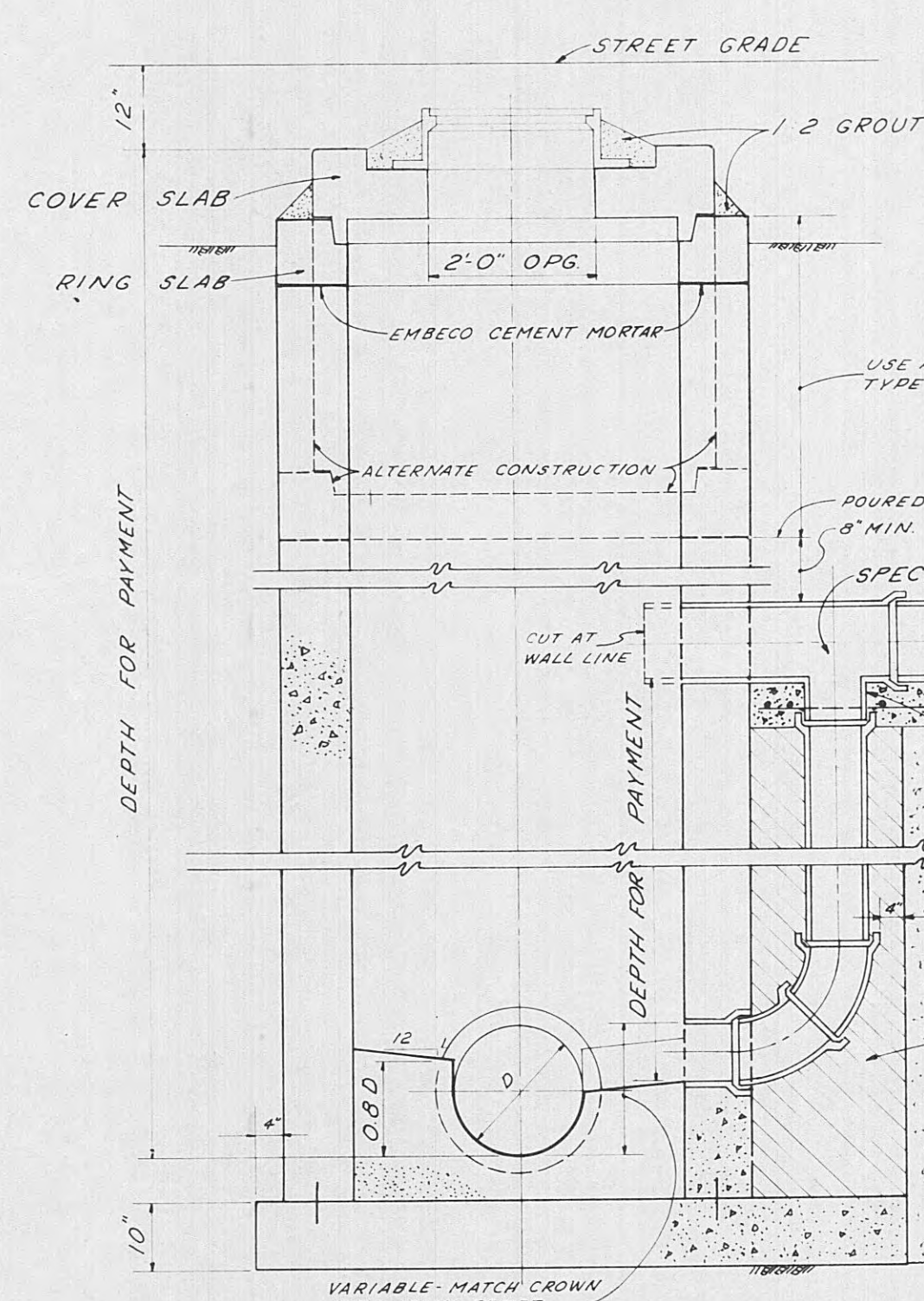
TYPICAL DETAIL-EARTH FILL OVER SEWER PIPE NOT TO SCALE



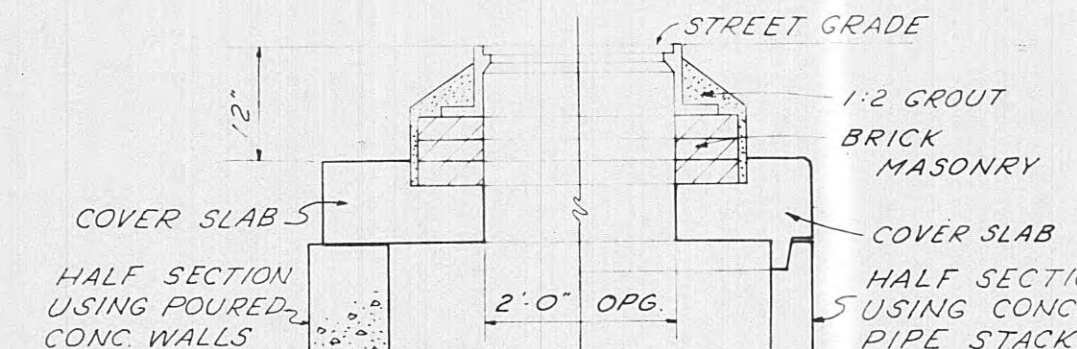
TYPICAL DETAILS SQ. CONG. COLLAR FOR JOINTING C.I. PIPE TO SEWER PIPE NOT TO SCALE



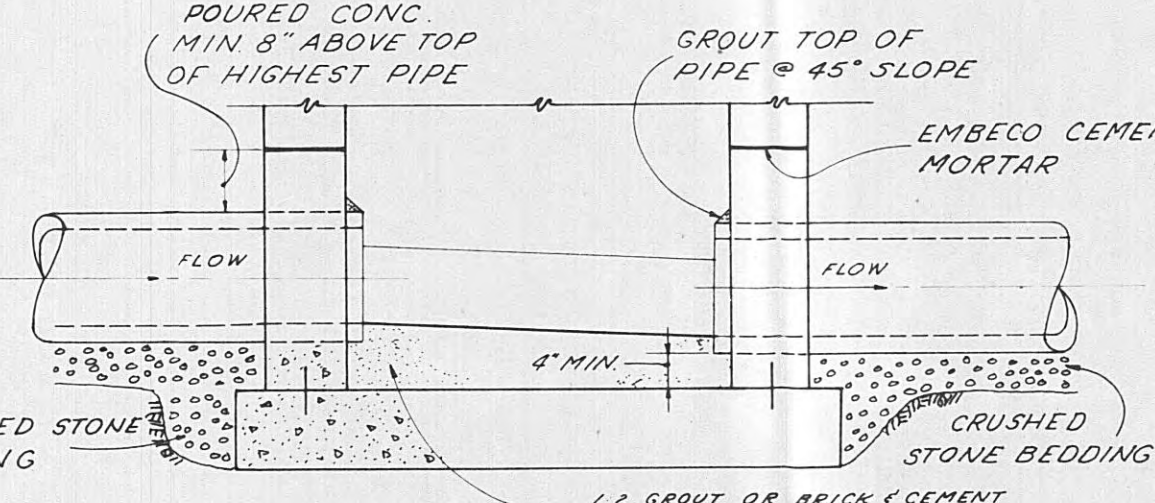
ENLARGED SECTION NOT TO SCALE



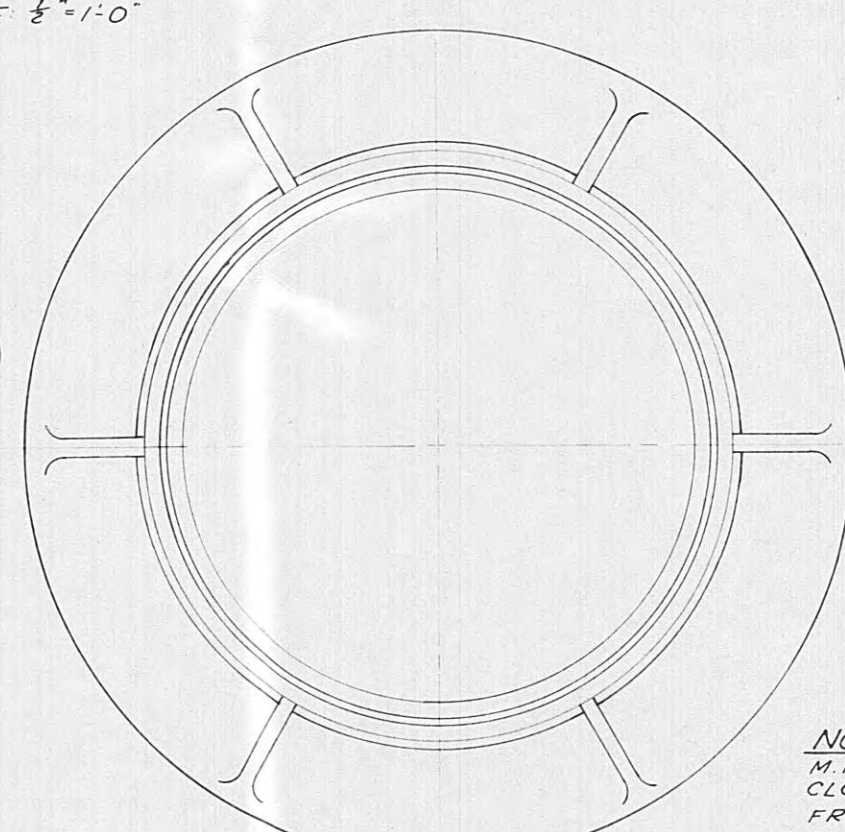
SECTION 4' DIA. DROP MANHOLE SCALE: 1/2\"/>



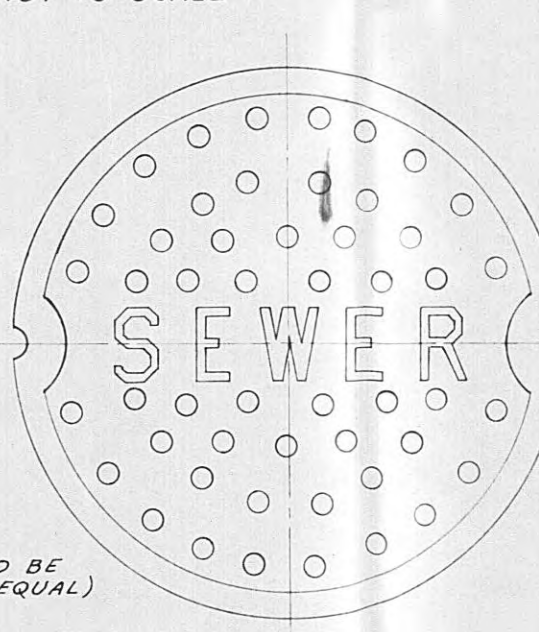
TYPICAL SECTION MANHOLES IN STREETS SCALE: 1/2\"/>



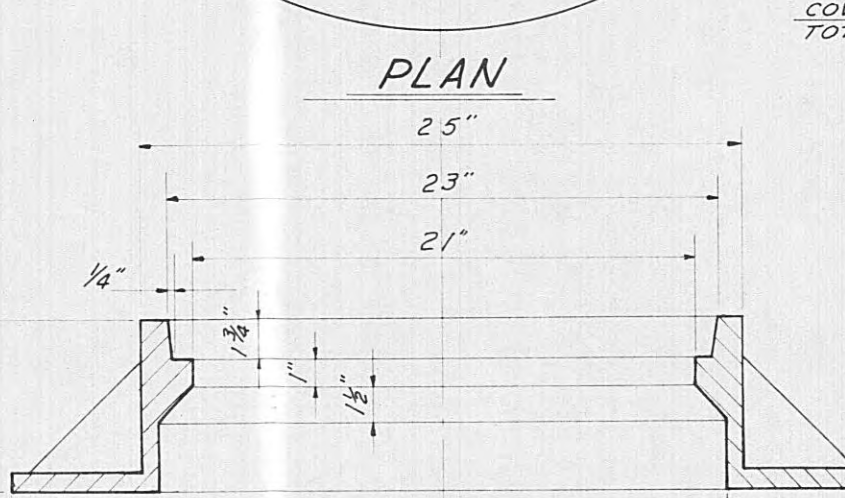
TYPICAL SECTION MANHOLE INVERT NOT TO SCALE



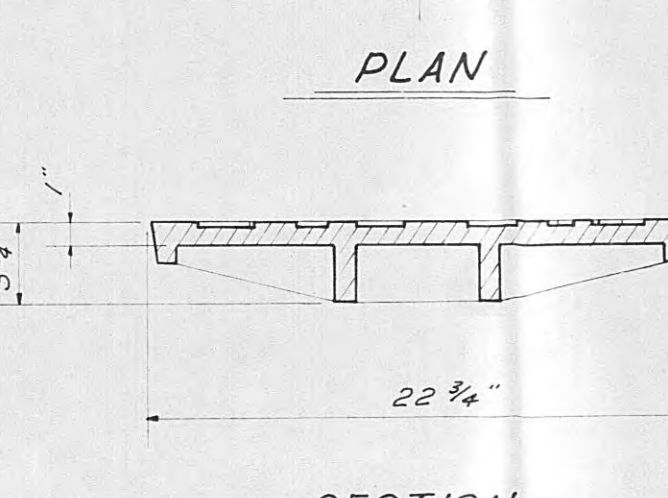
PLAN



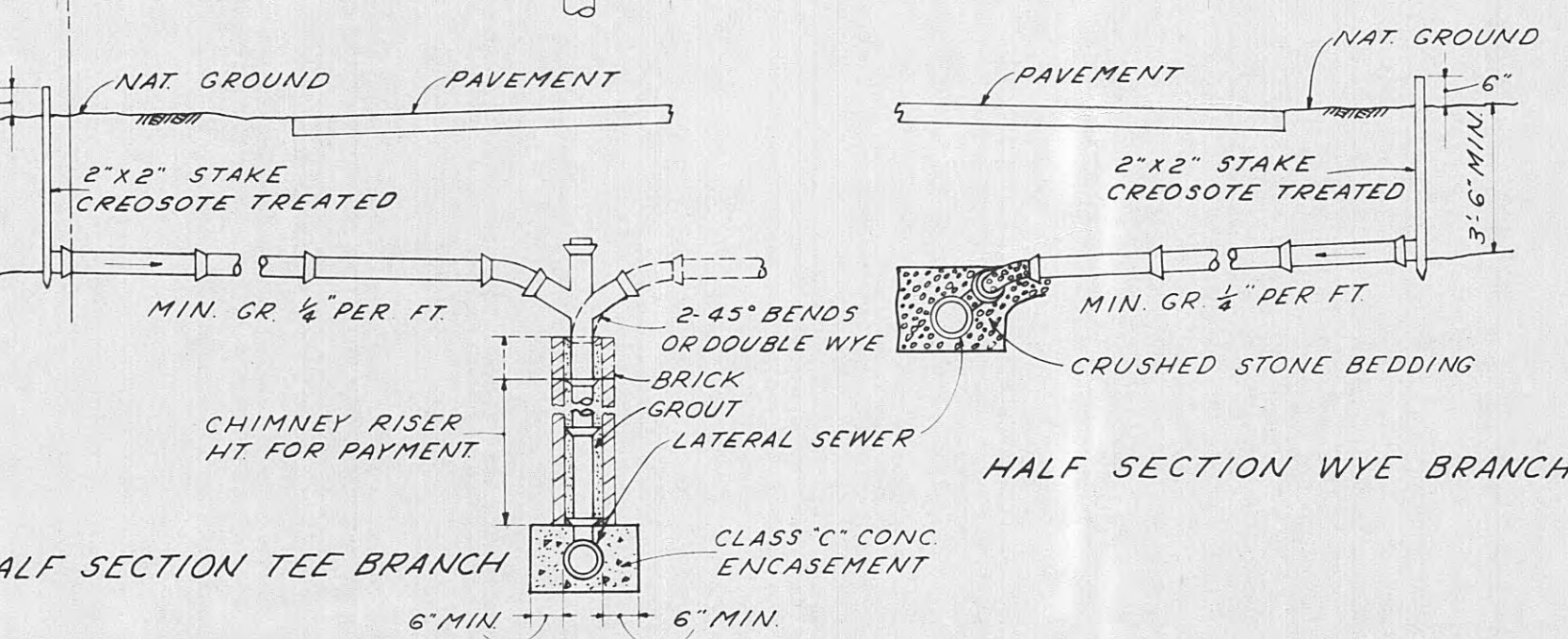
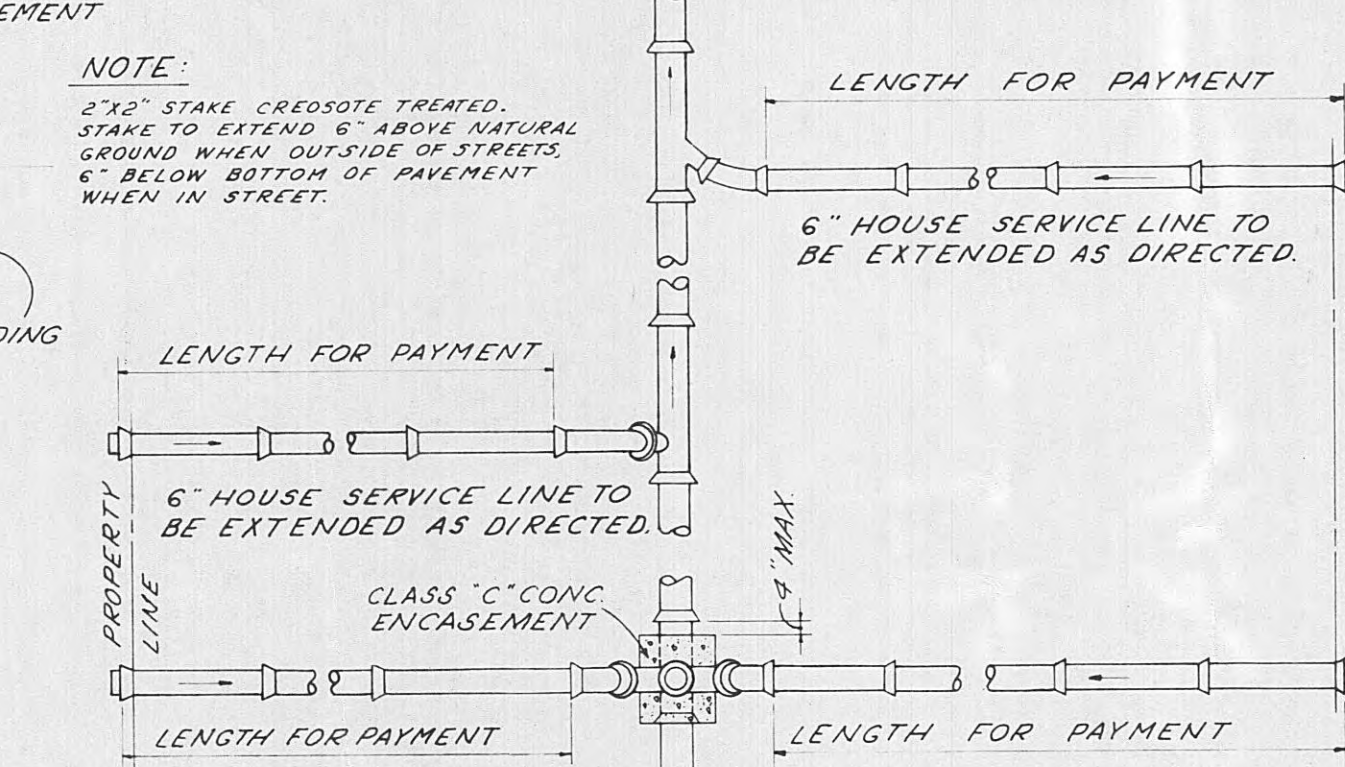
PLAN



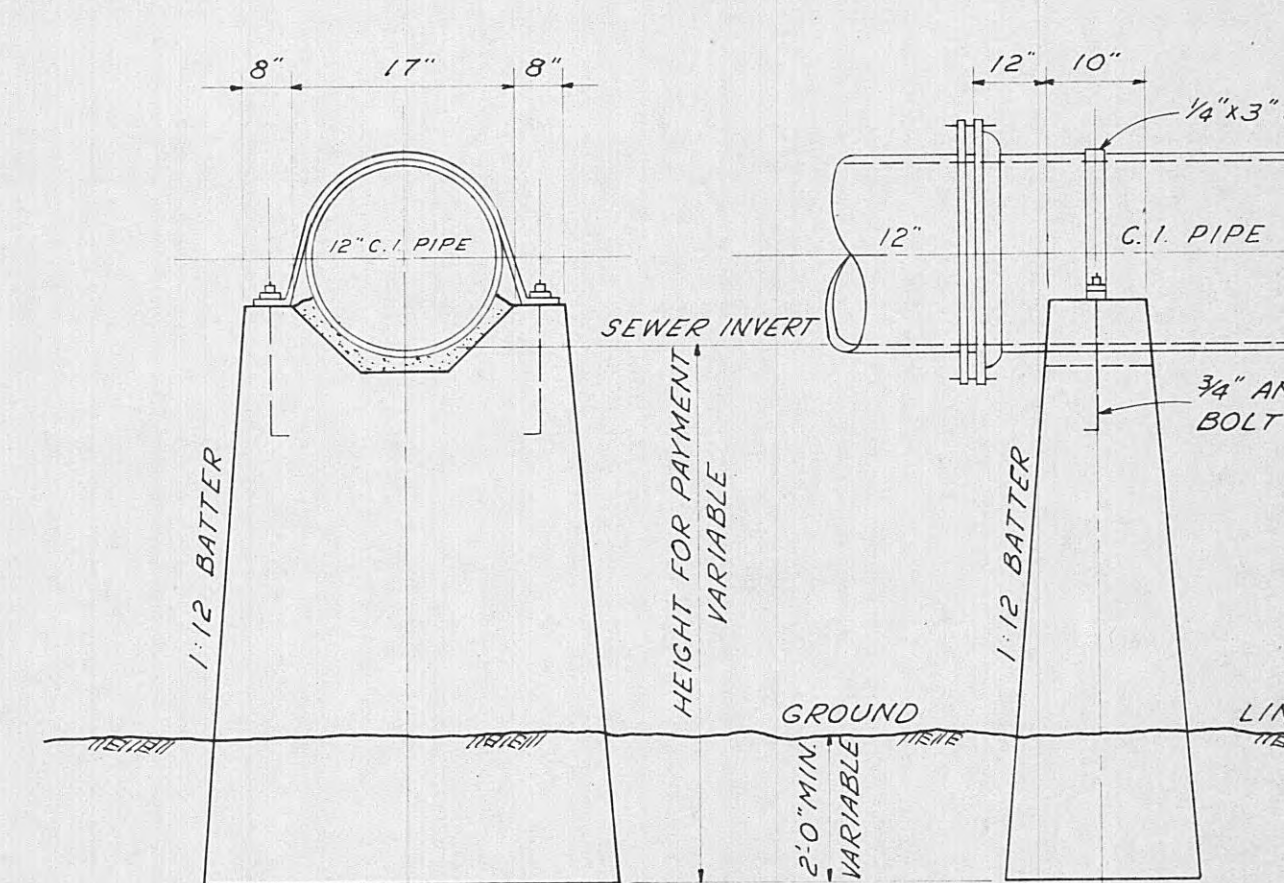
SECTION TYPICAL C.I. MANHOLE FRAME SCALE: 1/2\"/>



SECTION TYPICAL C.I. MANHOLE COVER SCALE: 1/2\"/>



TYPICAL DETAILS OF SANITARY HOUSE SERVICE LINE NOT TO SCALE



FRONT ELEVATION SIDE ELEVATION TYPICAL DETAILS OF C.I. PIPE ON PIERS NOT TO SCALE

CONTRACT-A-1963

CITY OF HARRIMAN, TENNESSEE SEWERAGE SYSTEM IMPROVEMENT

MISCELLANEOUS DETAILS

SCALE AS SHOWN	WIEDEMAN AND SINGLETON ENGINEERS
DATE	ATLANTA GEORGIA
JUNE, 1963	OF