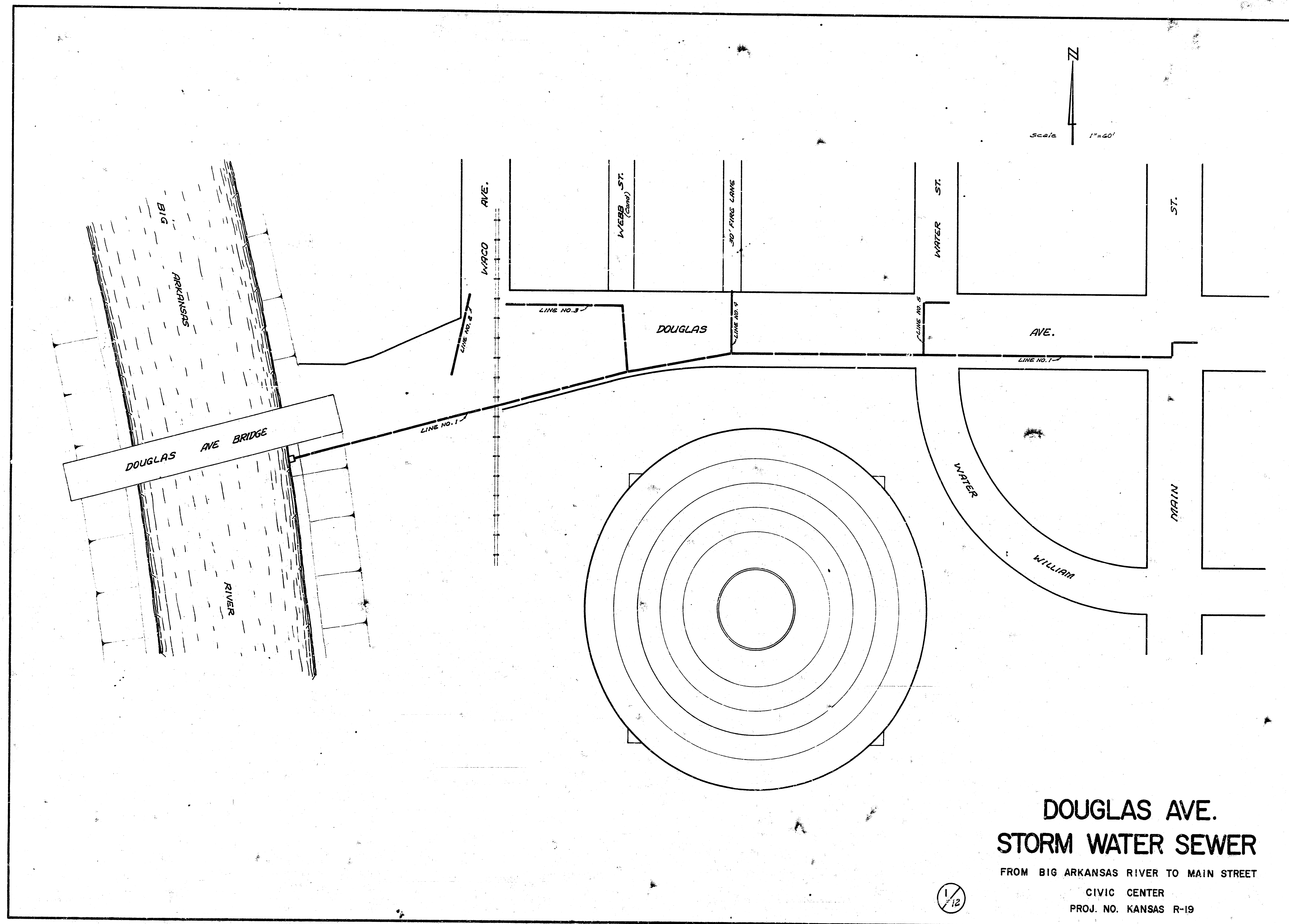
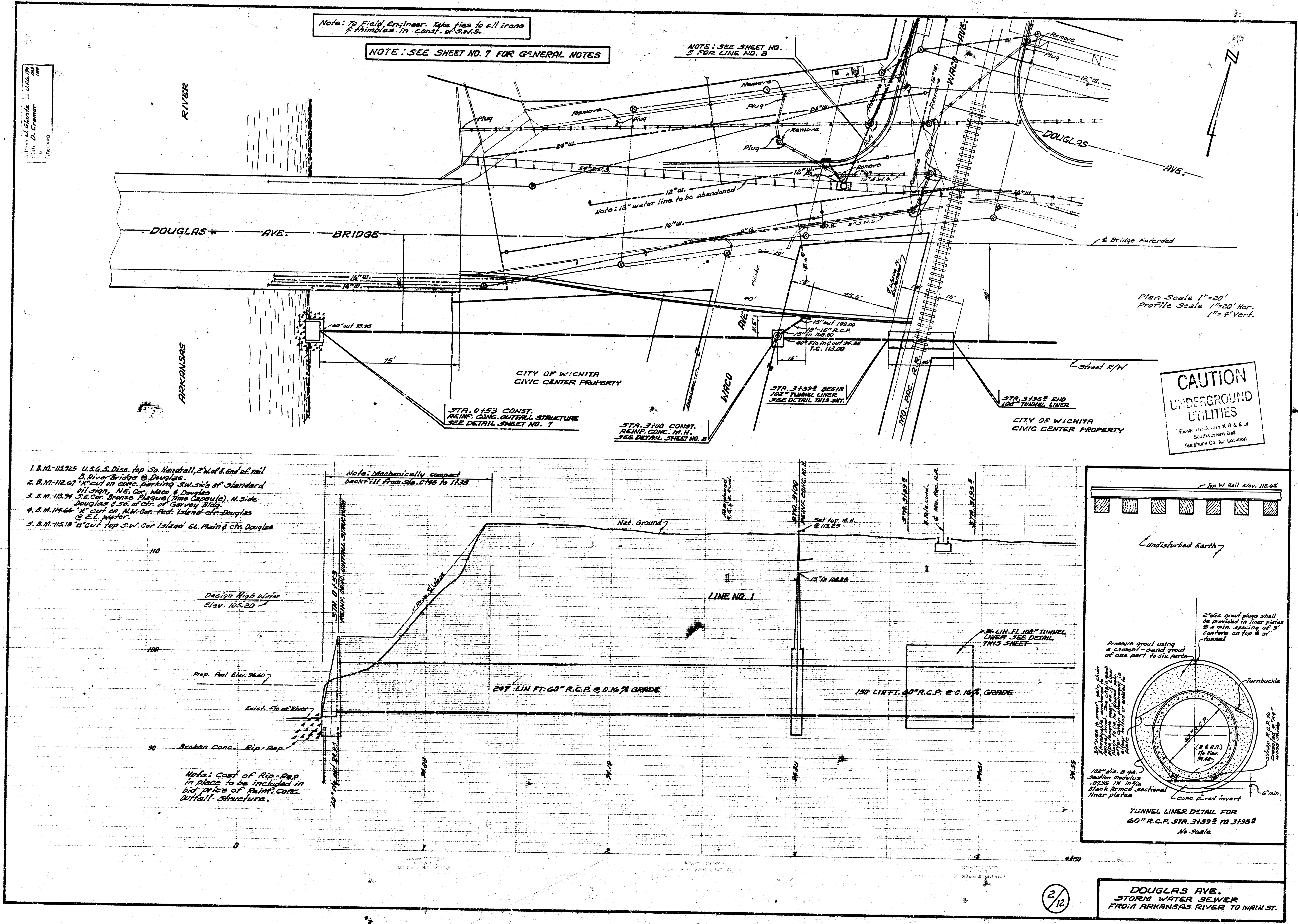
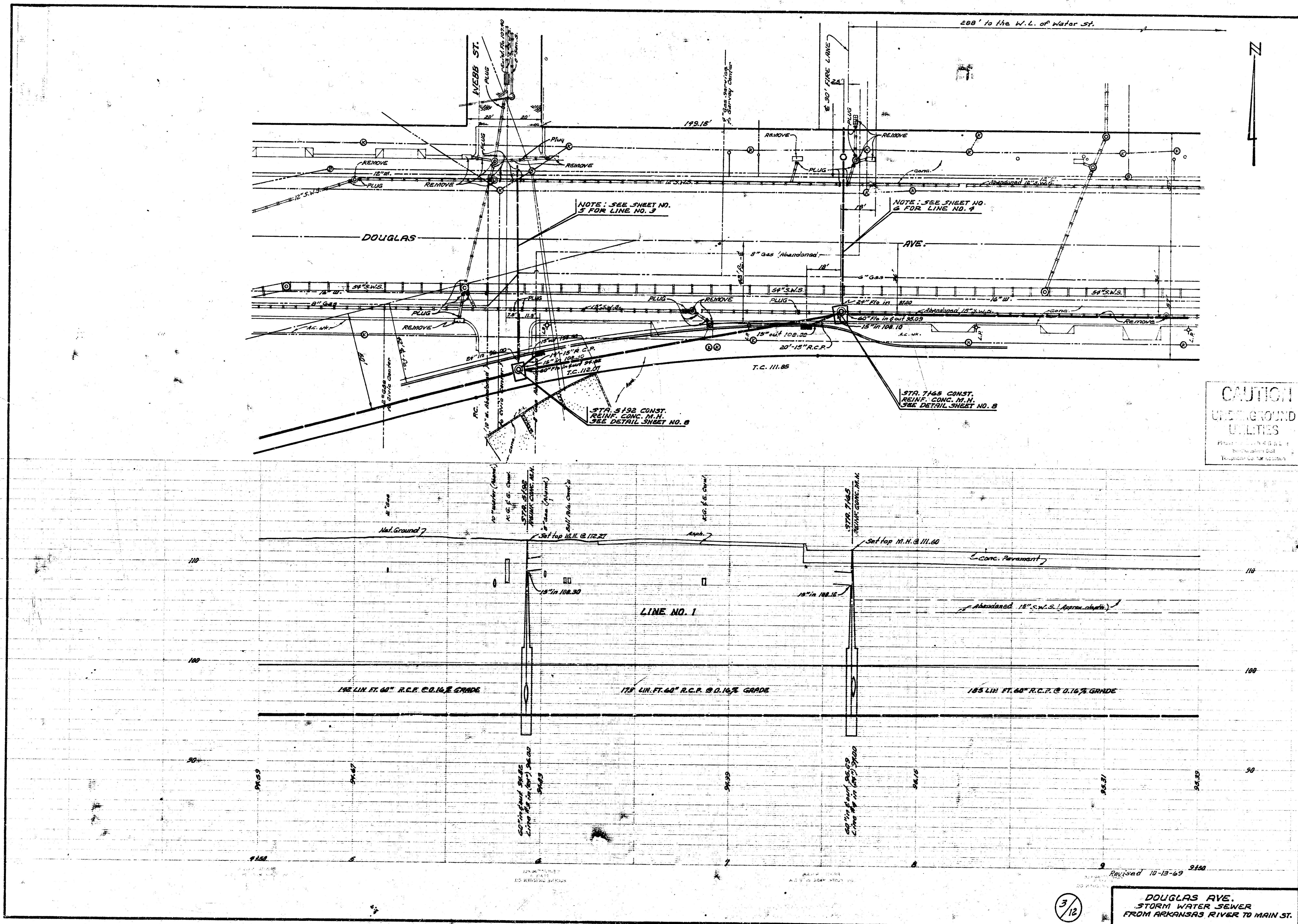






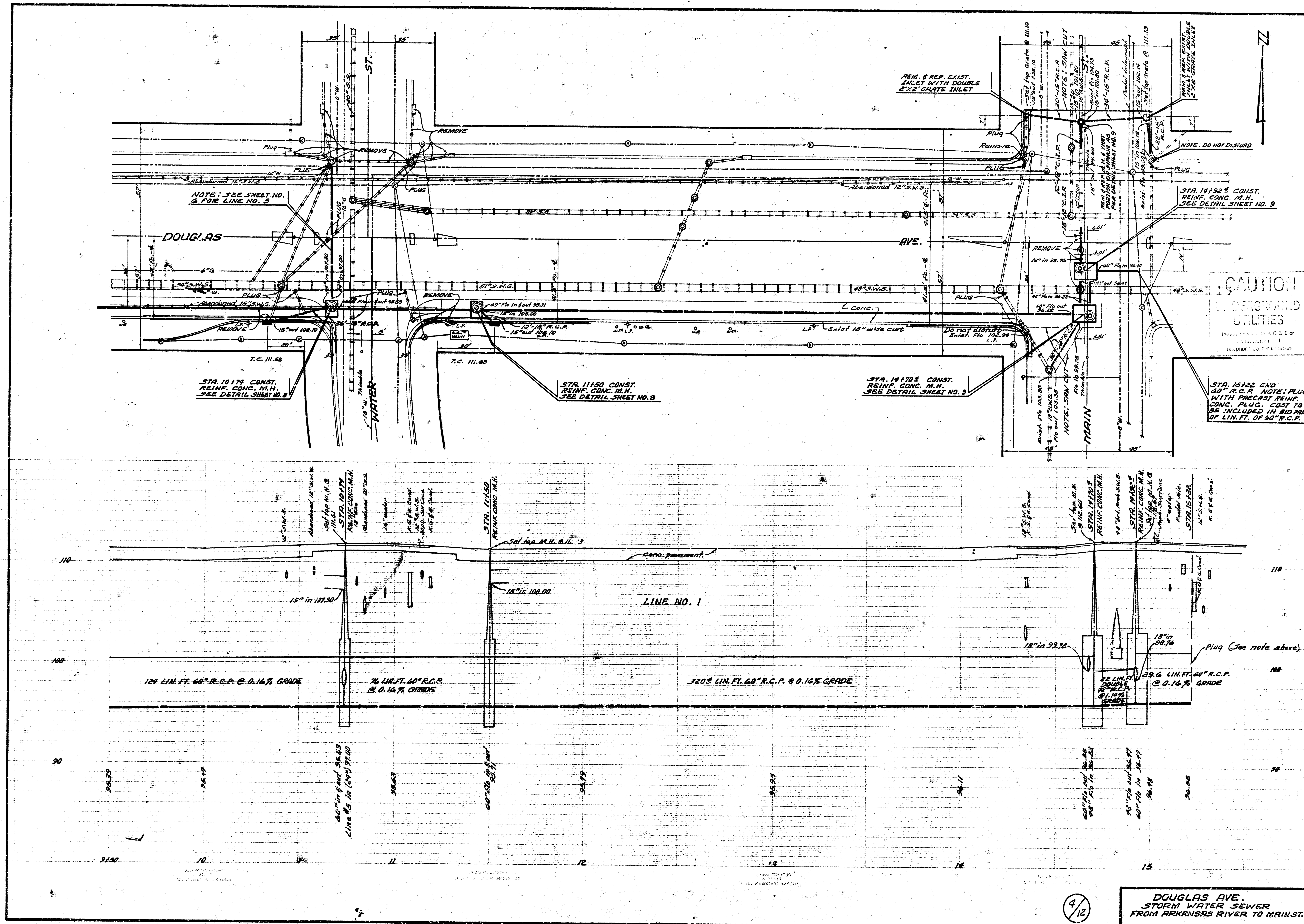


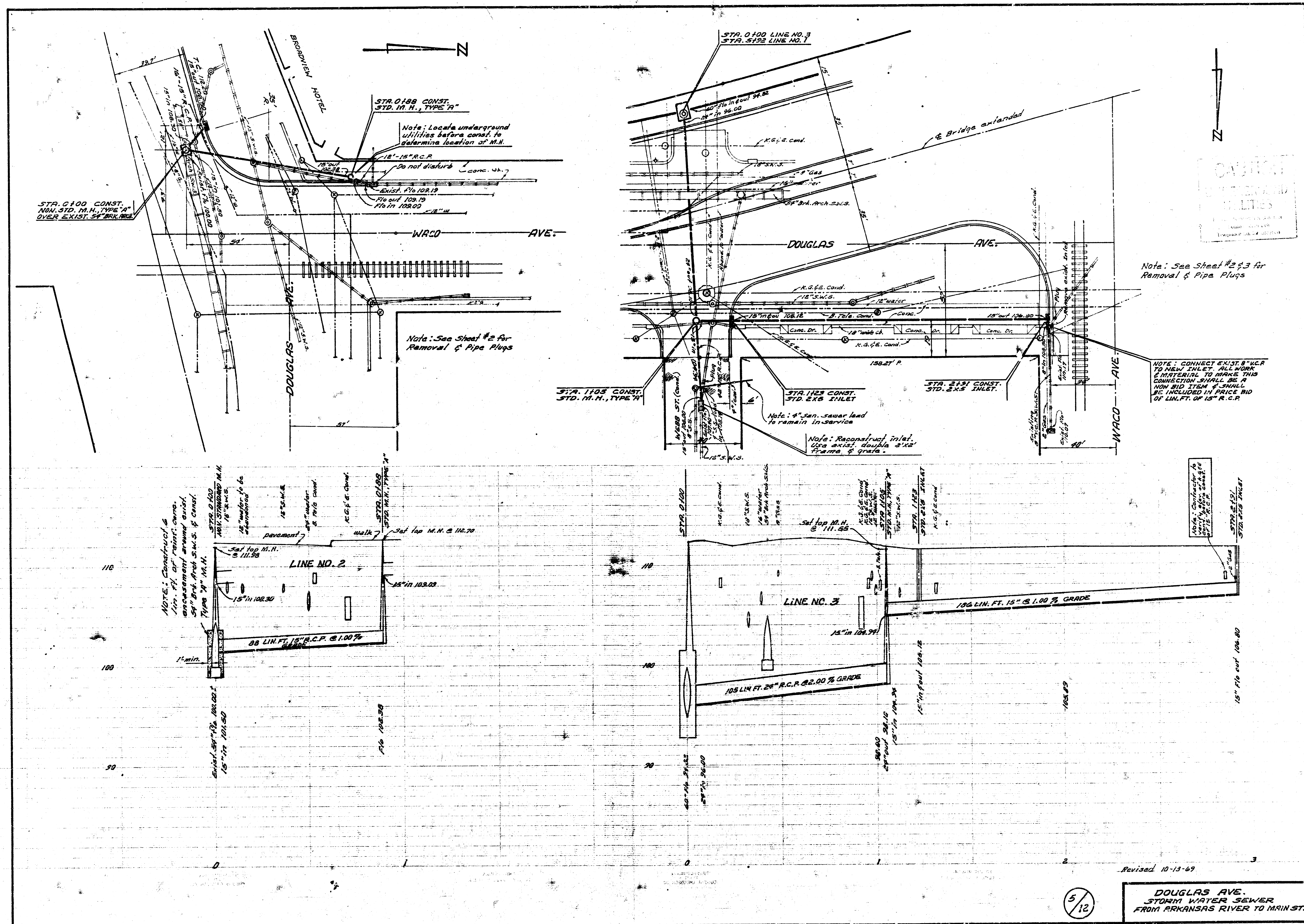
CAUTION
UNDERGROUND
UTILITIES

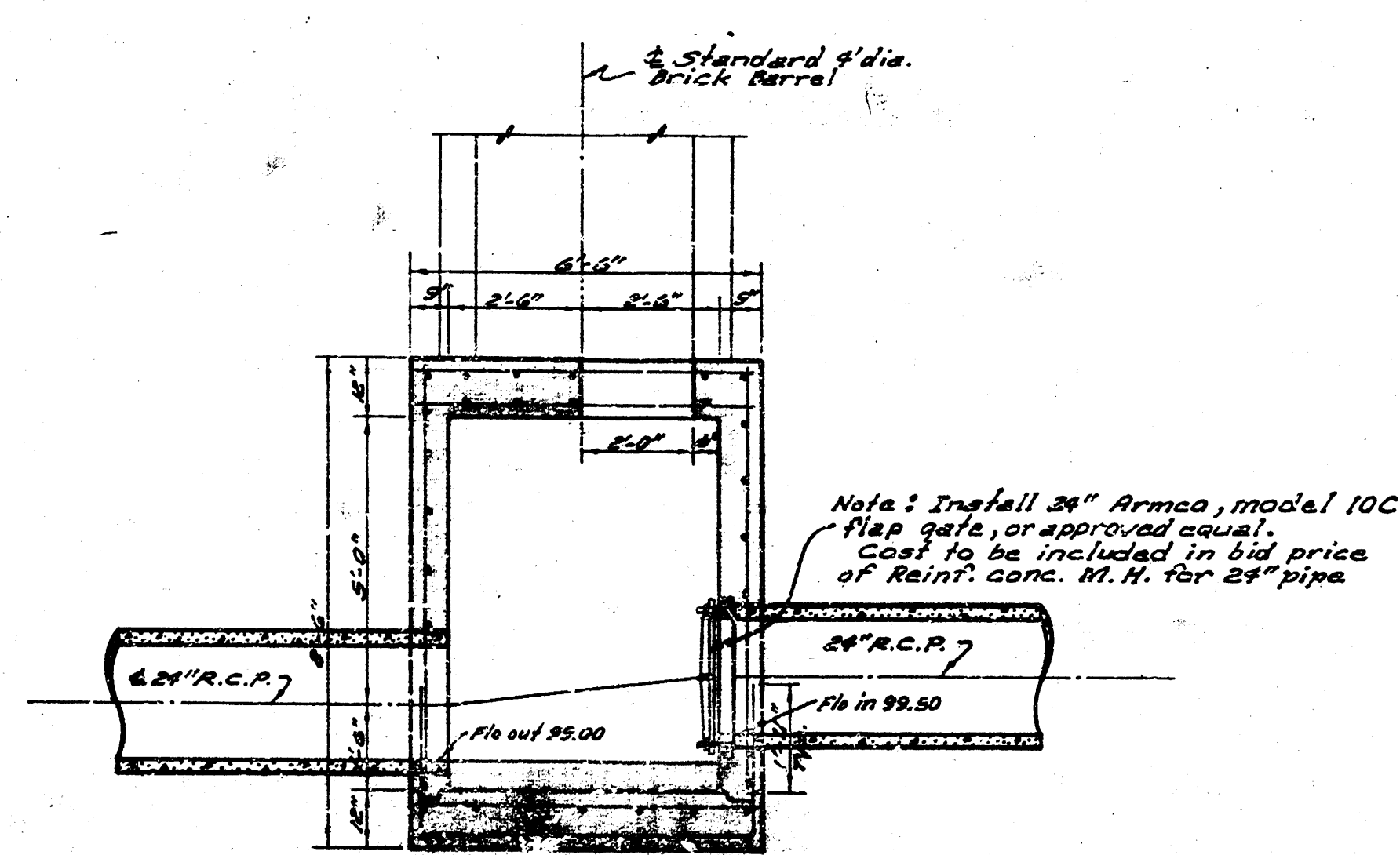
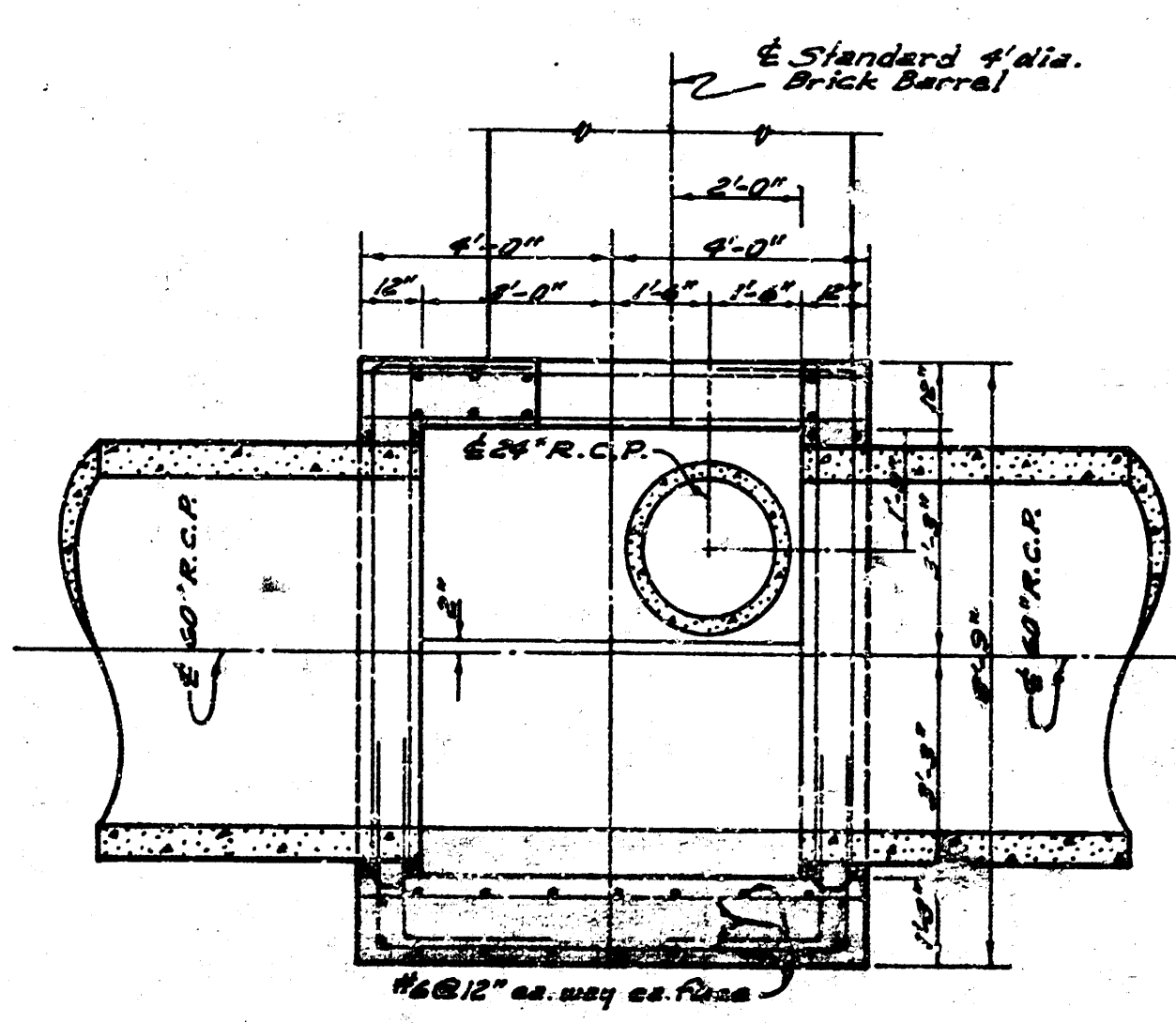
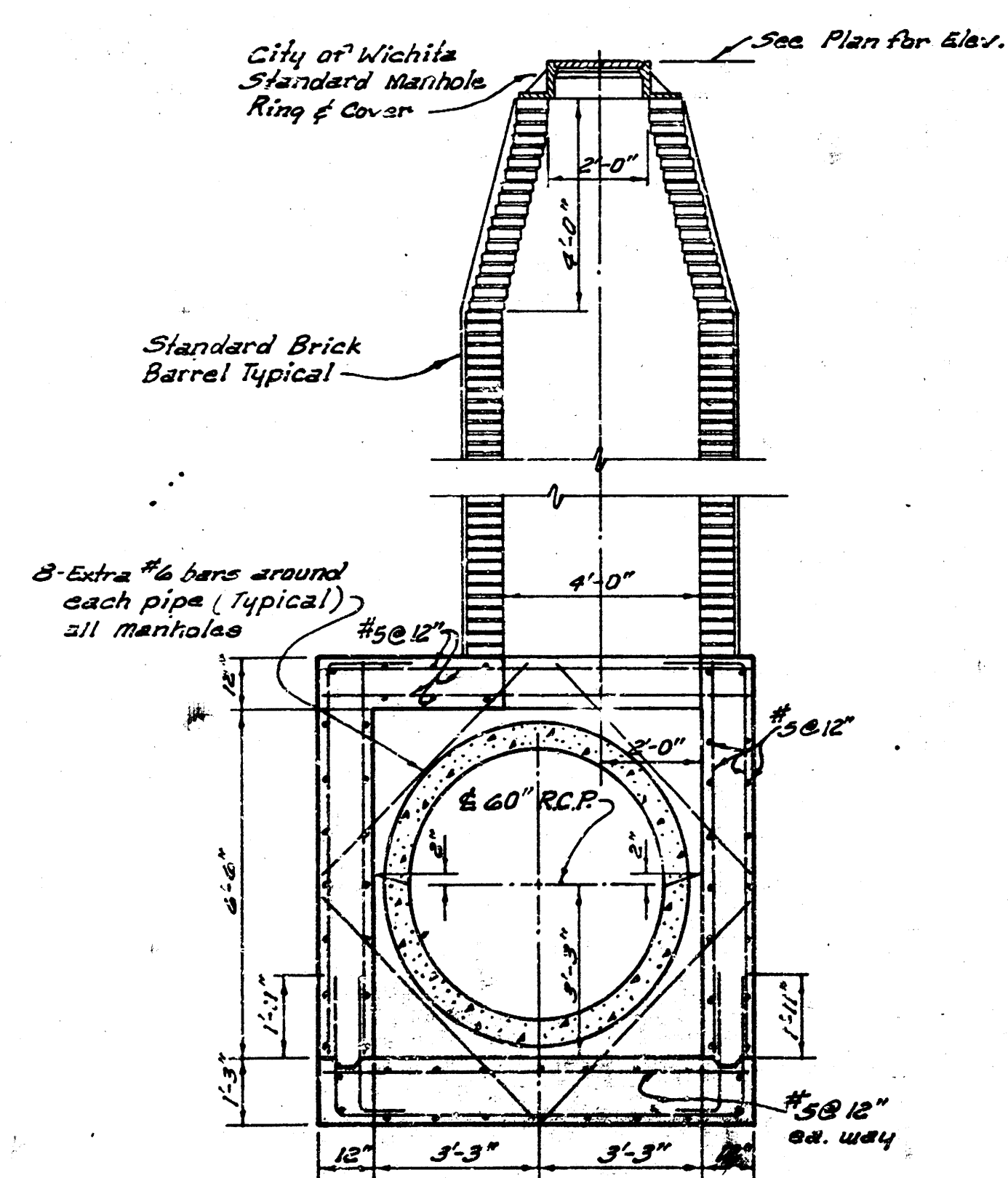
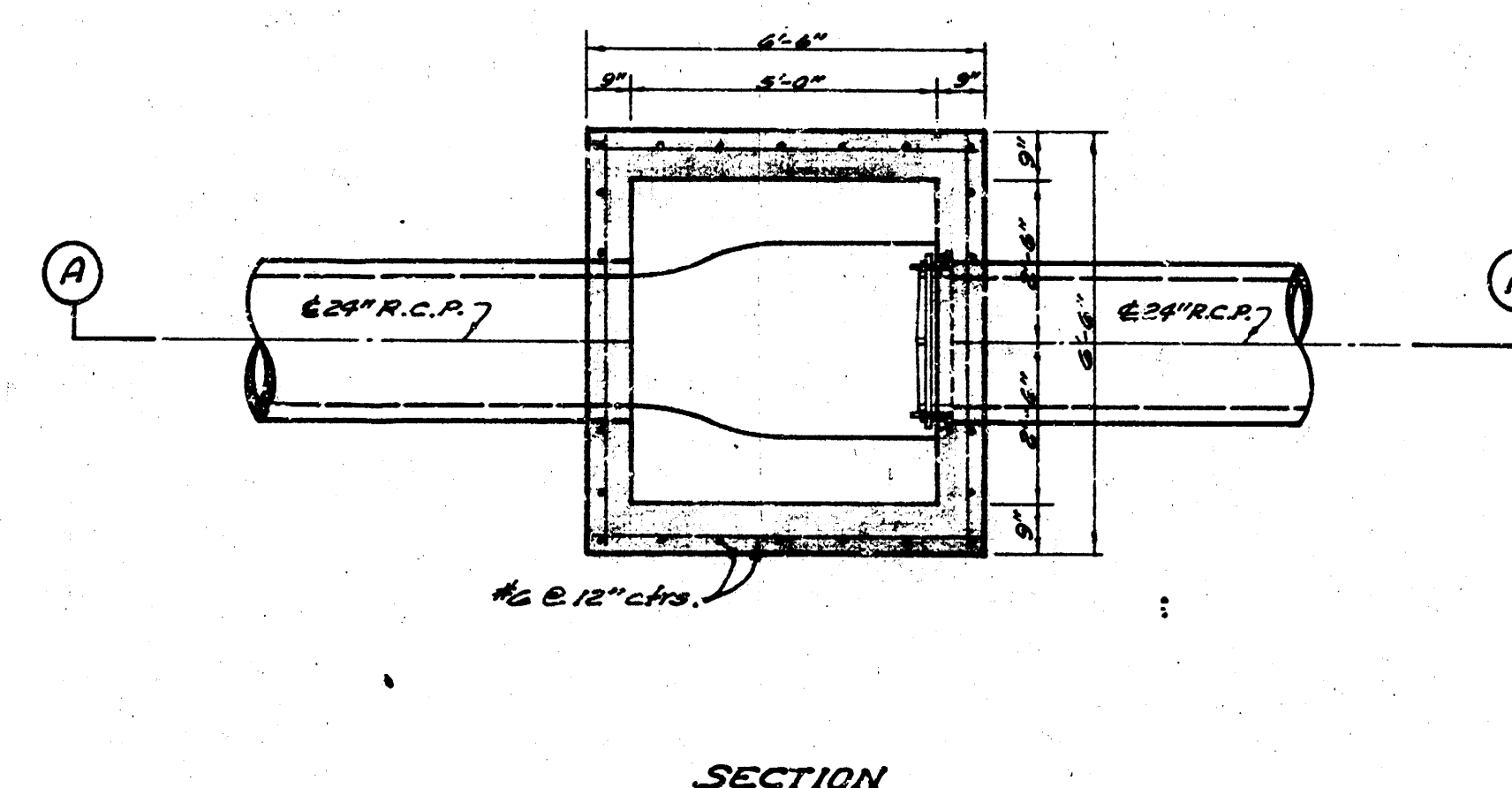
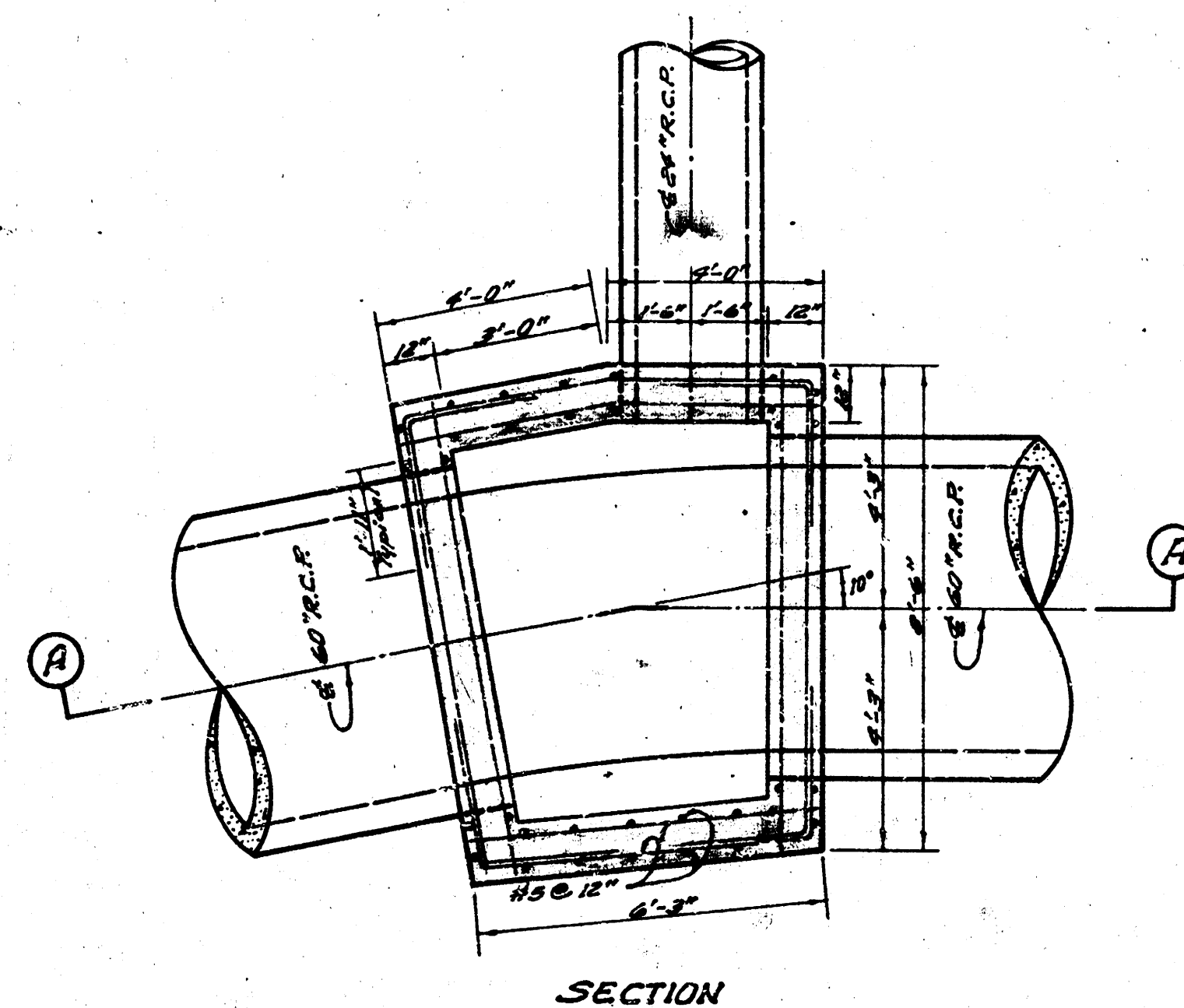
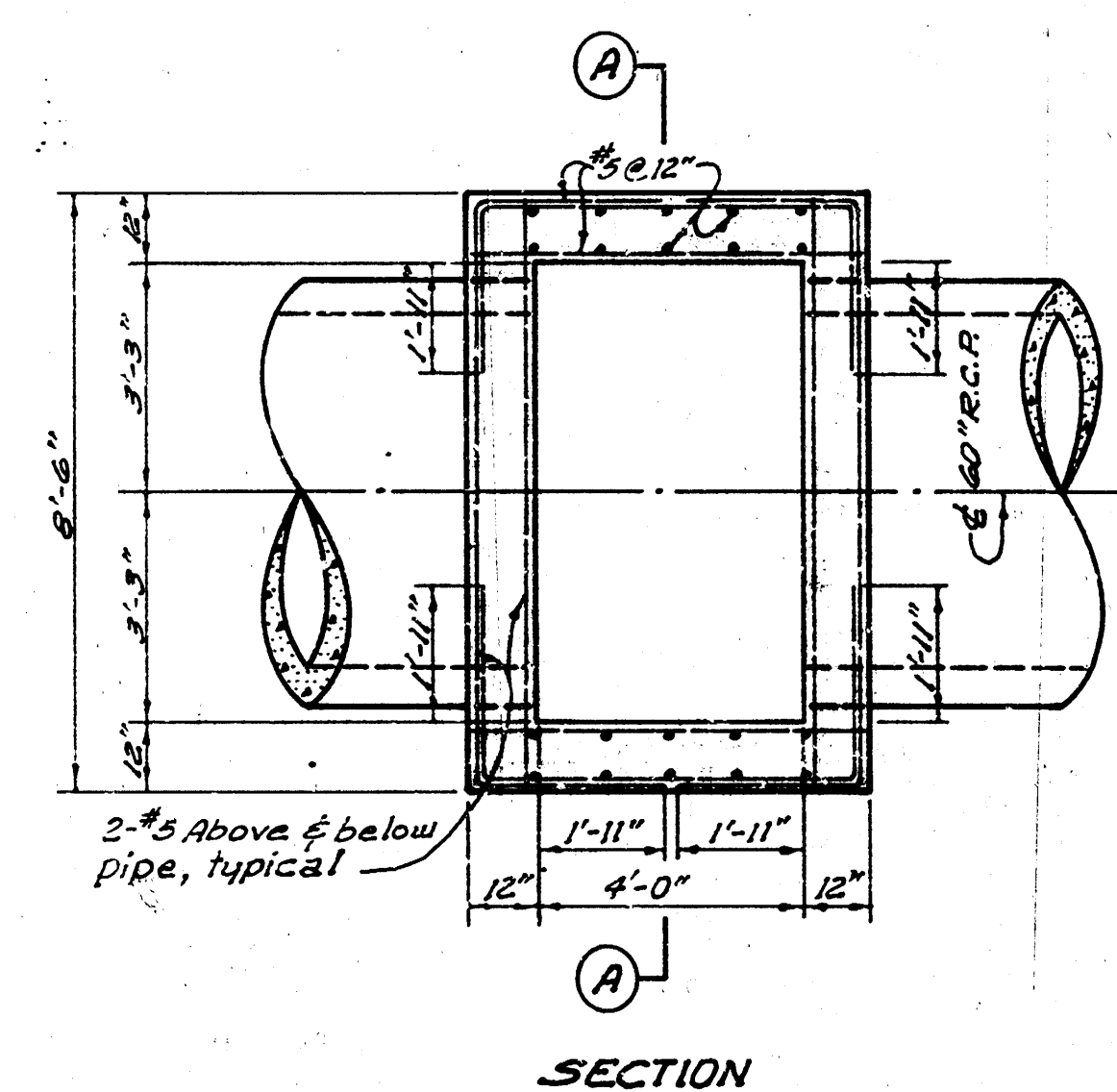
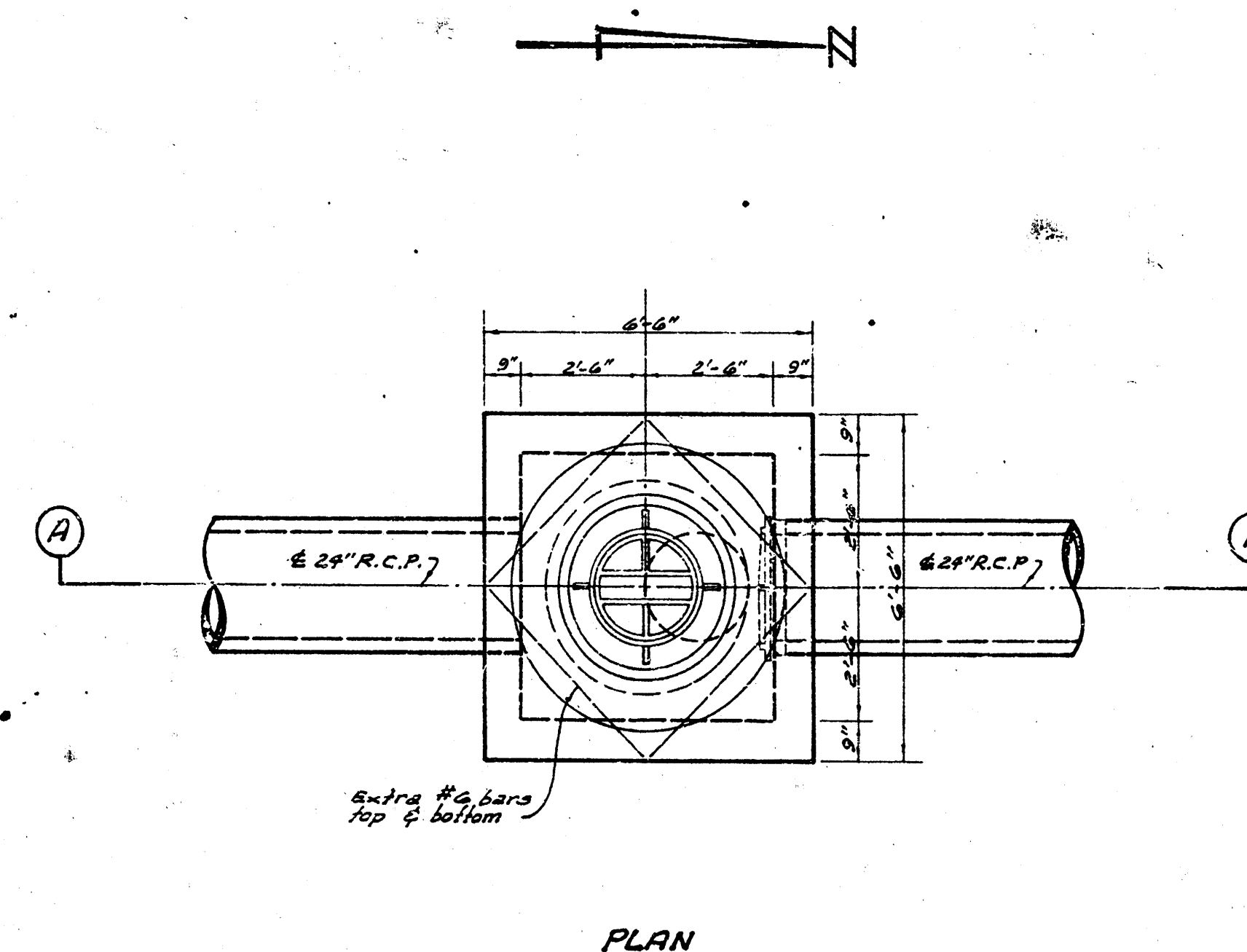
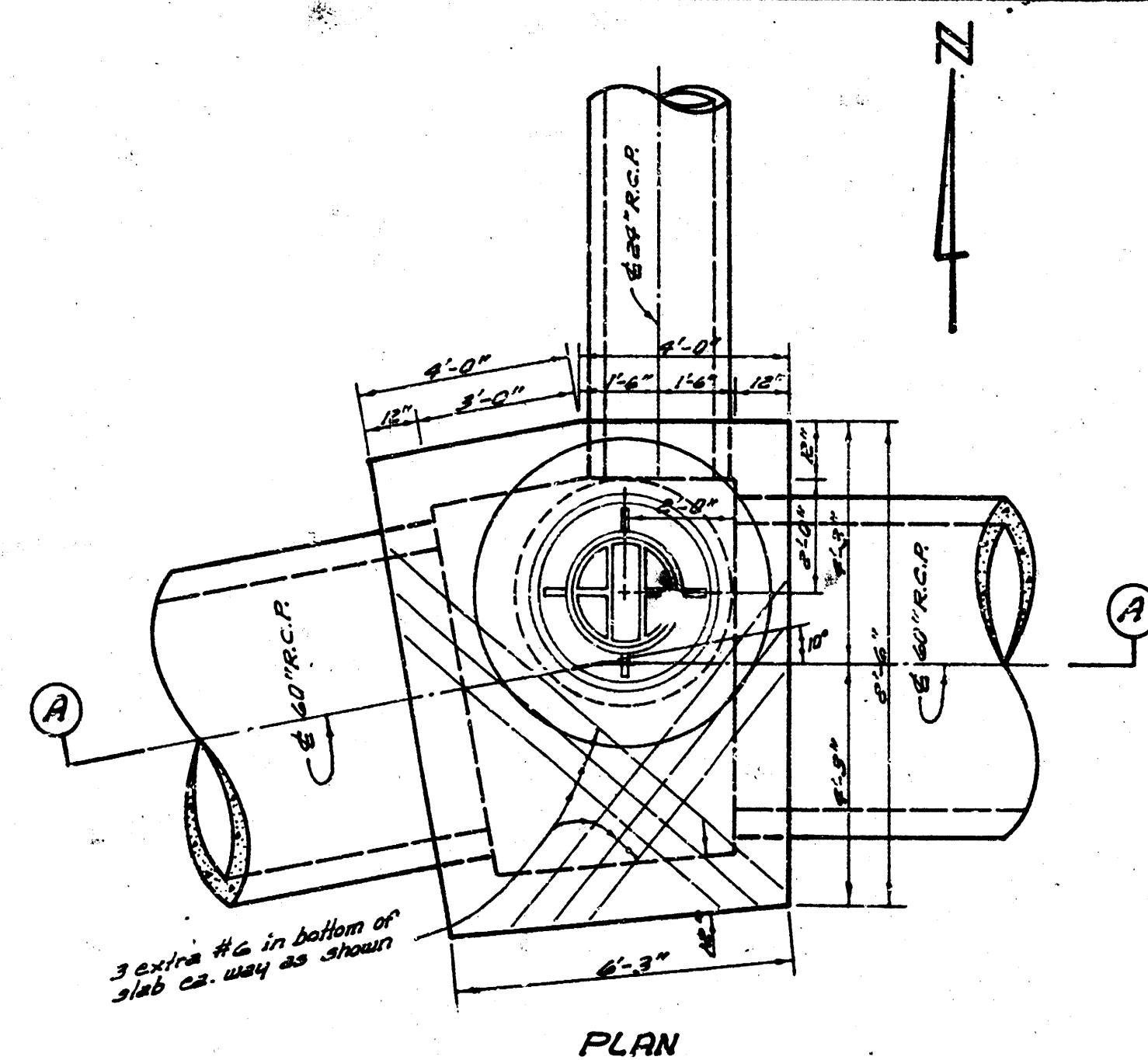
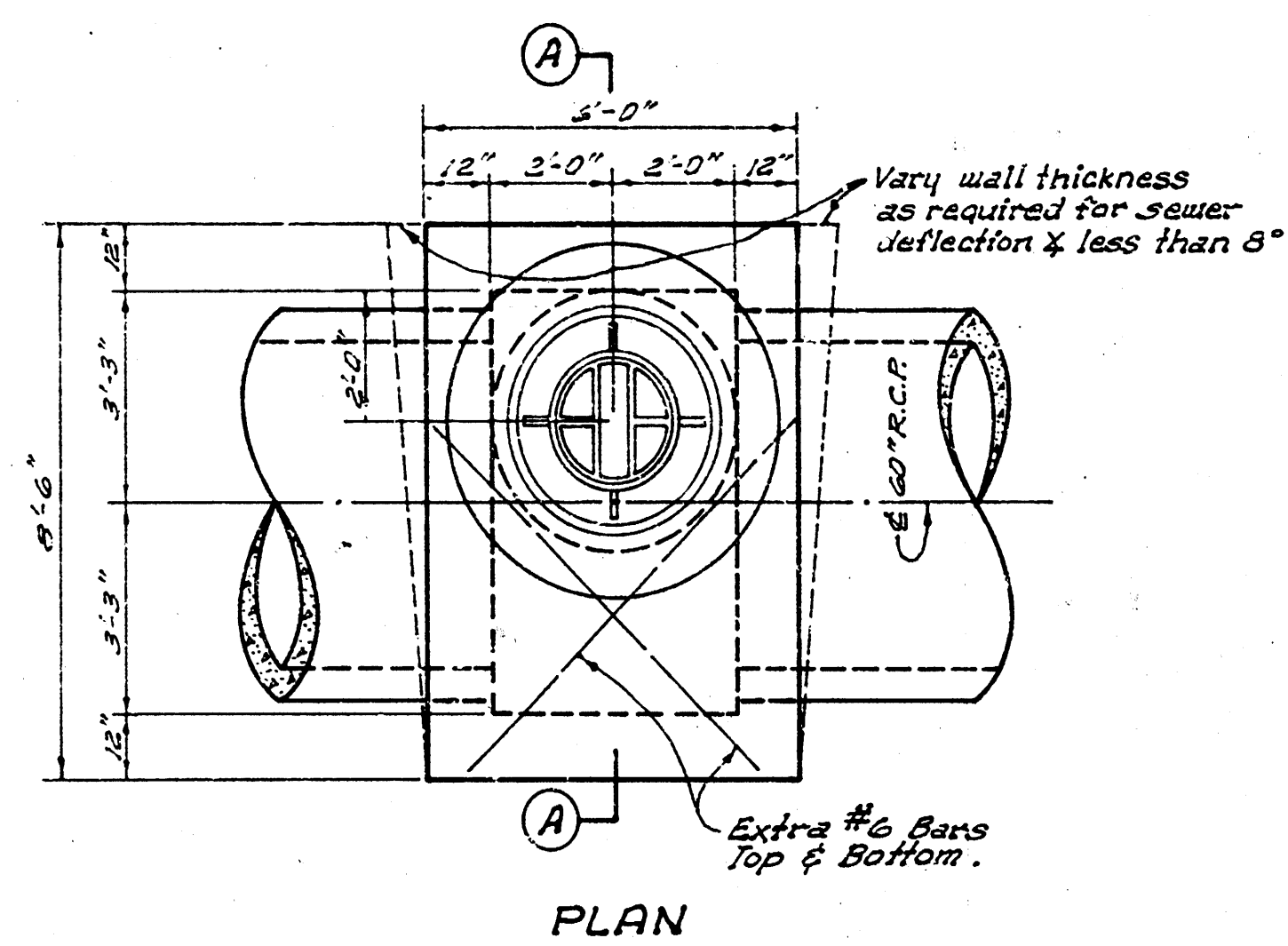
DOUGLAS AVE.
STORM WATER SEWER
FROM ARKANSAS RIVER TO MAIN ST.

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Revised 10-13-69







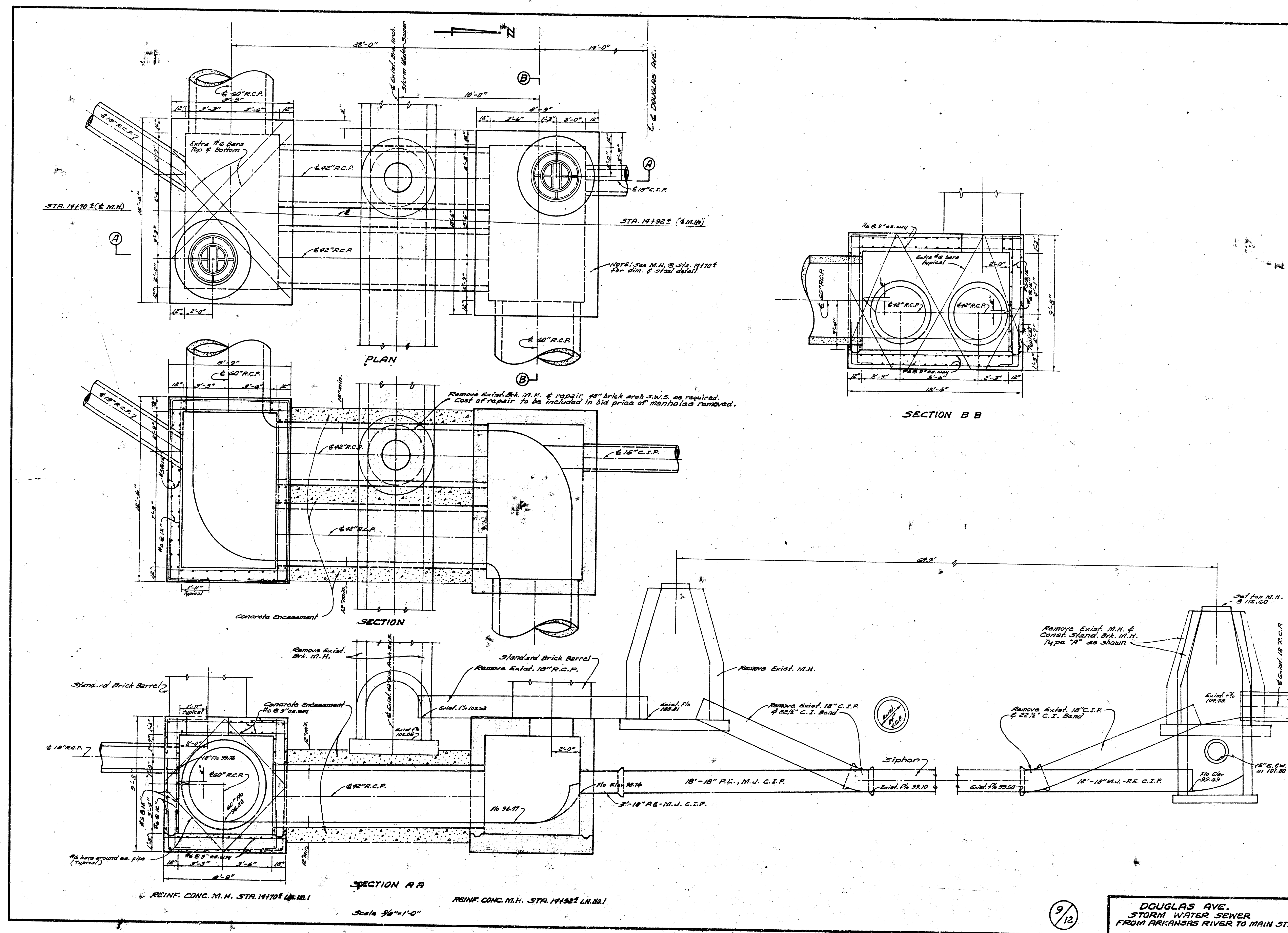
SECTION A-A
REINF. CONC. M.H. FOR STA. 3100, 5198, 10174 & 11150 LN. NO. 1
Scale 3/8" = 1'-0"

SECTION A-A
REINF. CONC. M.H. FOR STA. 7165 LN. NO. 1
Scale 3/8" = 1'-0"

SECTION A-A
REINF. CONC. M.H. FOR STA. 0180 LN. NO. 4
Scale 3/8" = 1'-0"

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DOUGLAS AVE.
STORM WATER SEWER
FROM ARKANSAS RIVER TO MAIN ST.

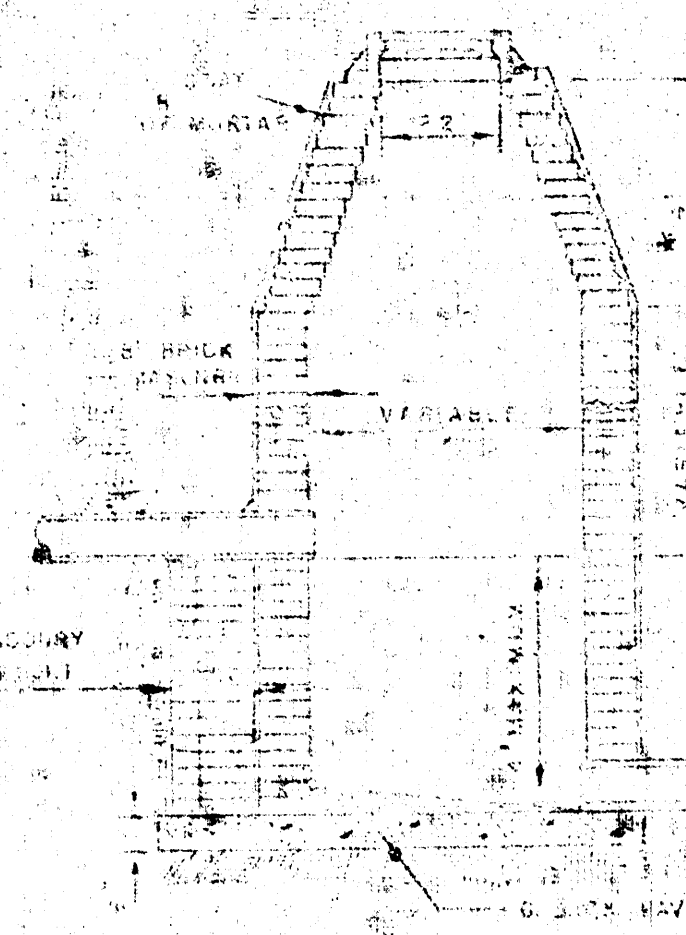




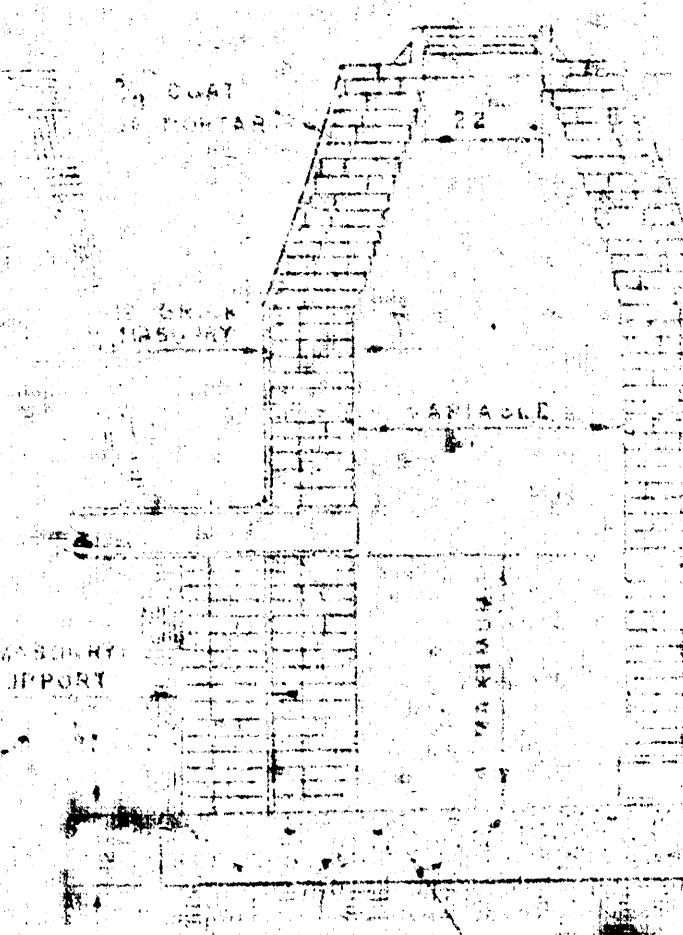
STANDARD MANHOLE
TYPE "A"



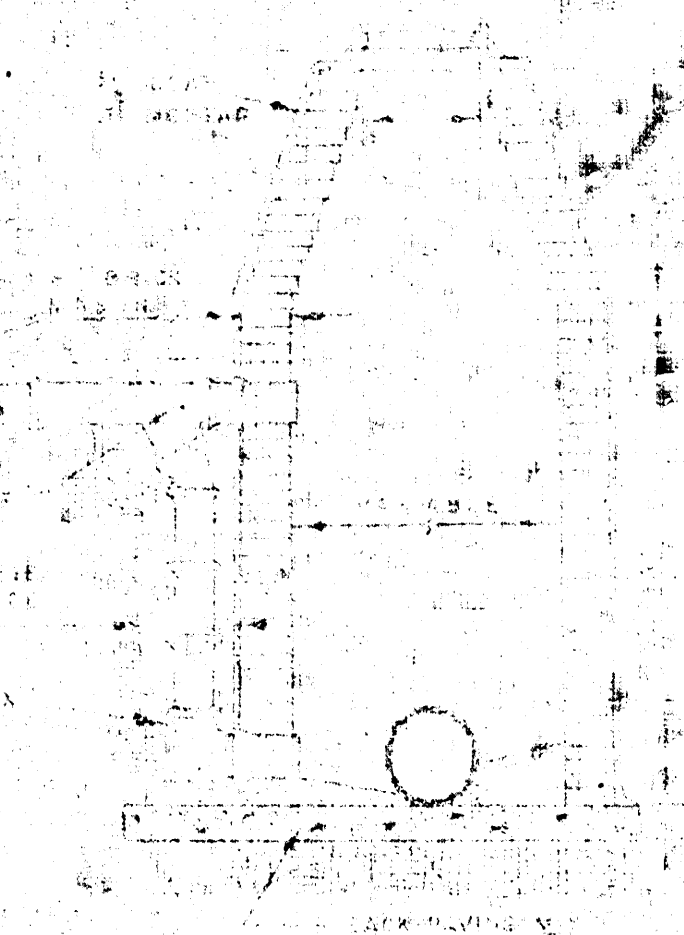
STANDARD MANHOLE
TYPE "B"



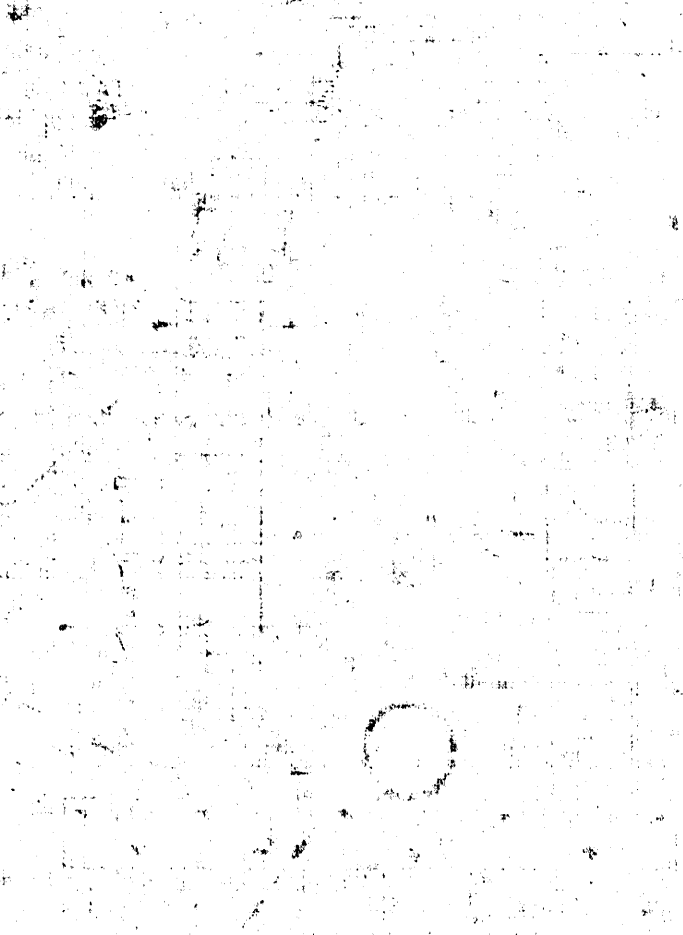
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

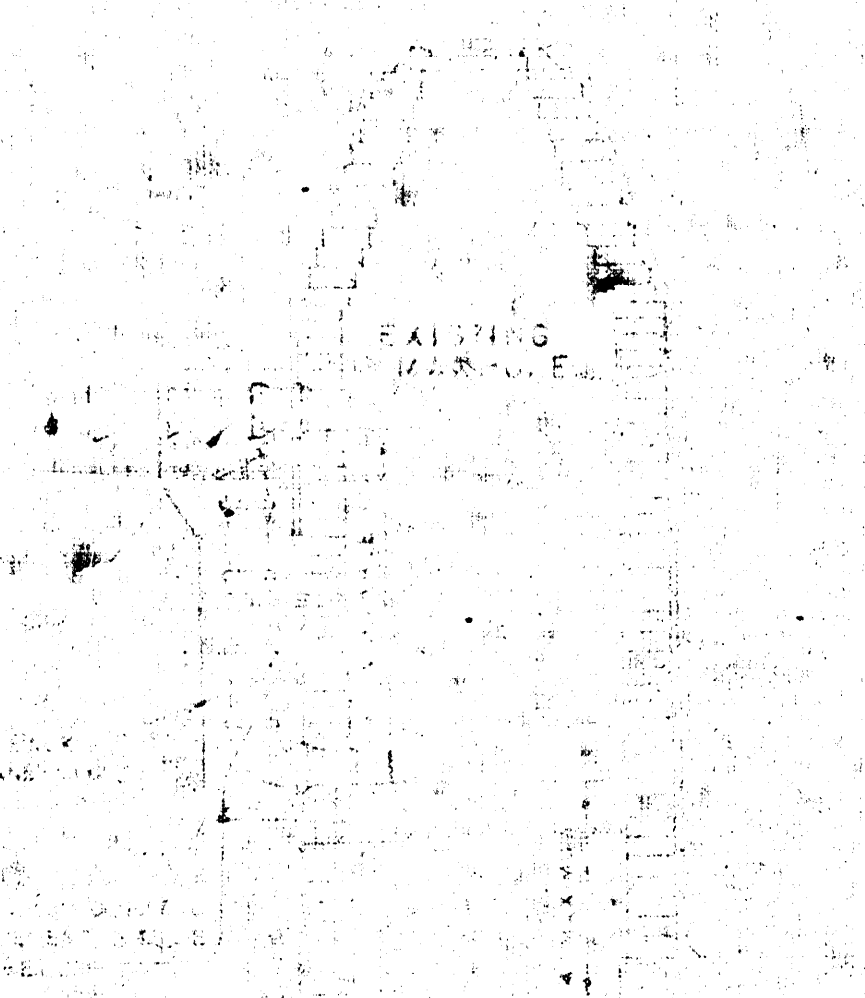


OUTSIDE DROP MANHOLE
TYPE "A"

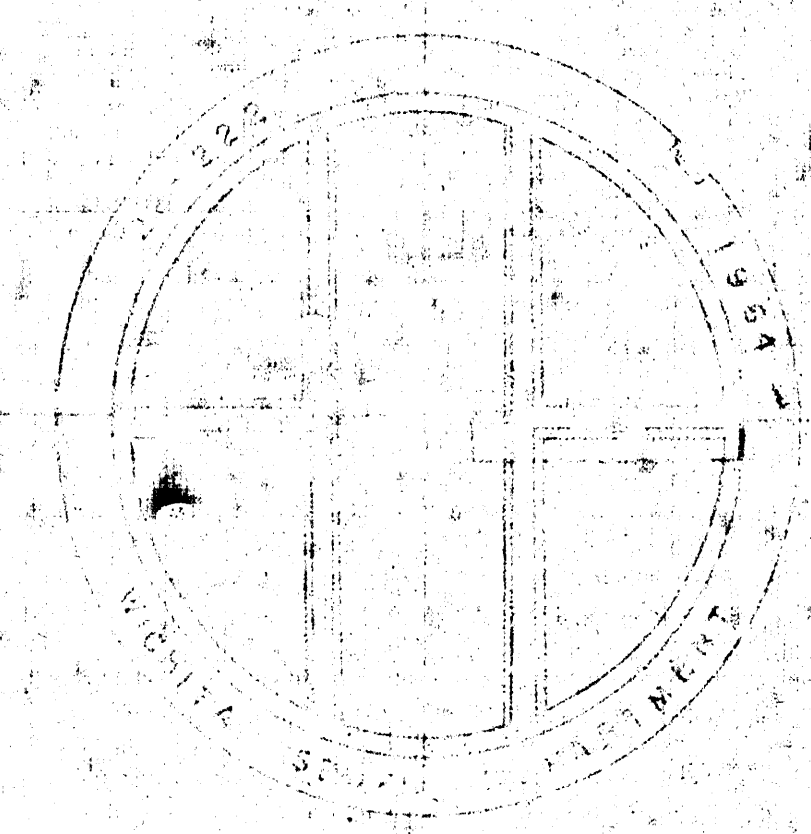


OUTSIDE DROP MANHOLE
TYPE "B"

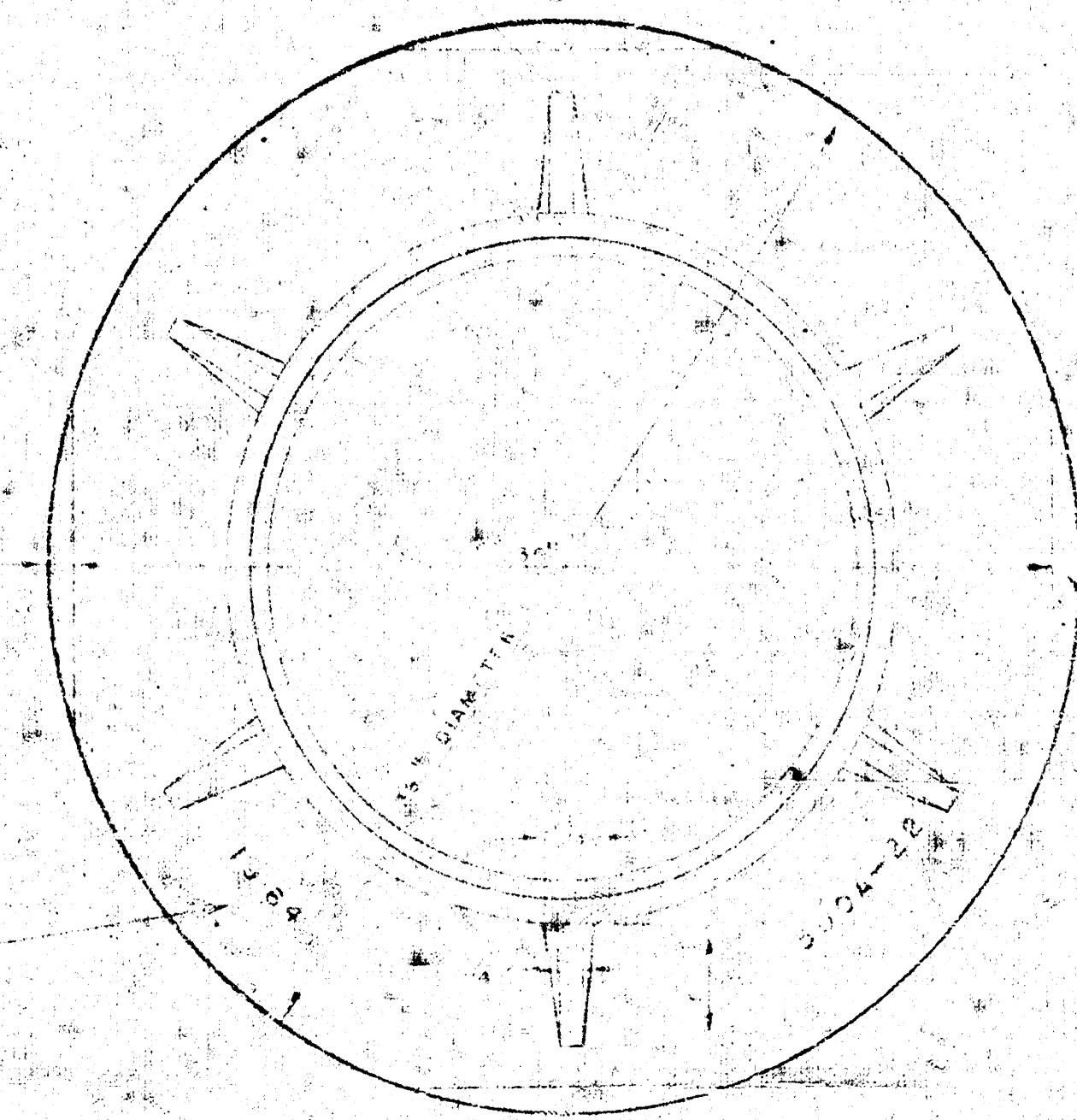
* DRAW # 6 ON S' DIA. W.H.



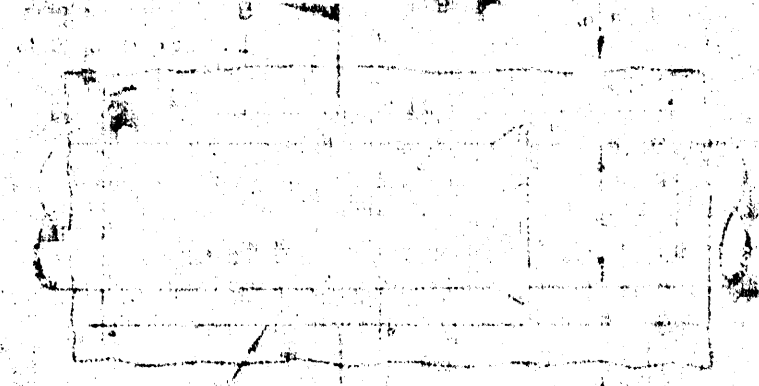
DETAIL OF DROP STACK



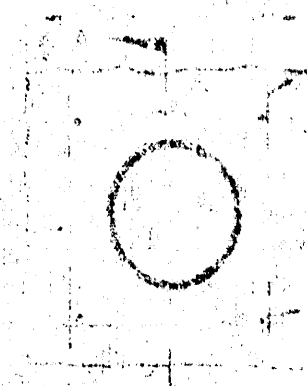
MANHOLE COVER



MANHOLE RING



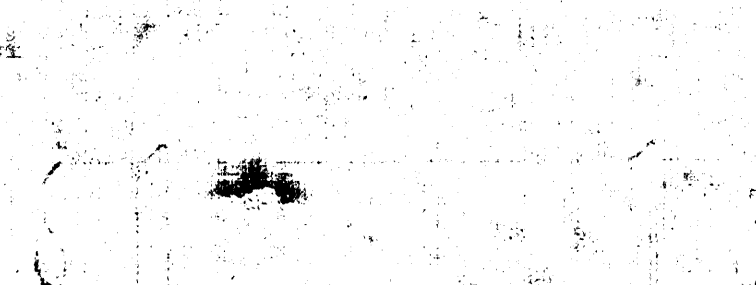
REINFORCED CONCRETE ENCASEMENT



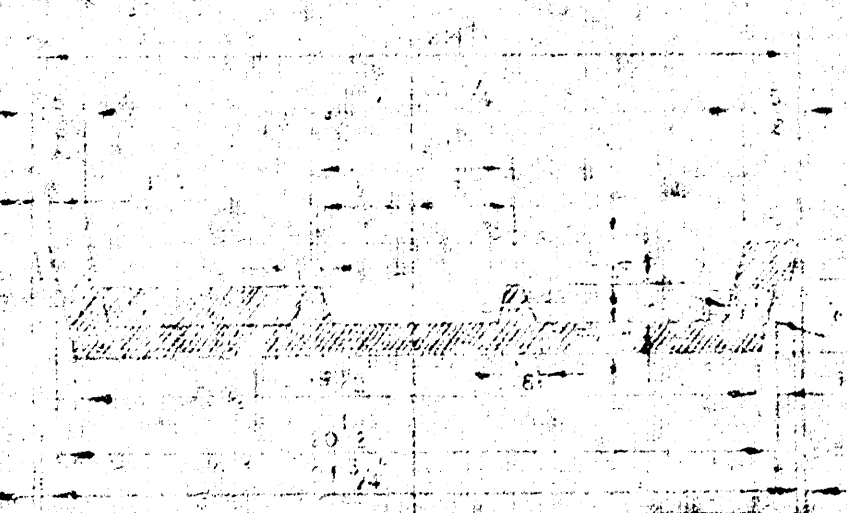
CONCRETE ENCASEMENT



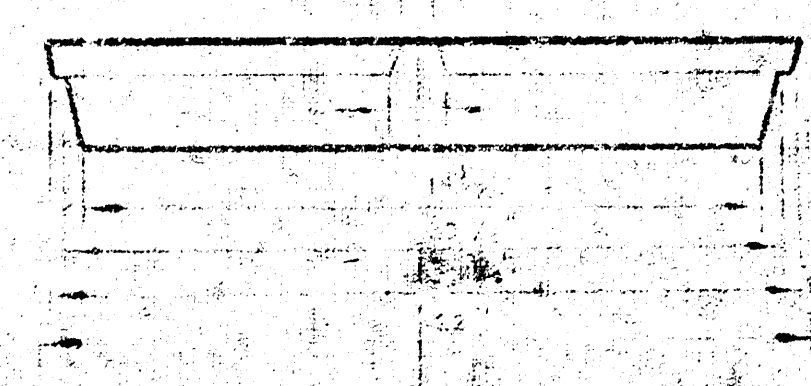
DETAIL OF CONCRETE CRADLE



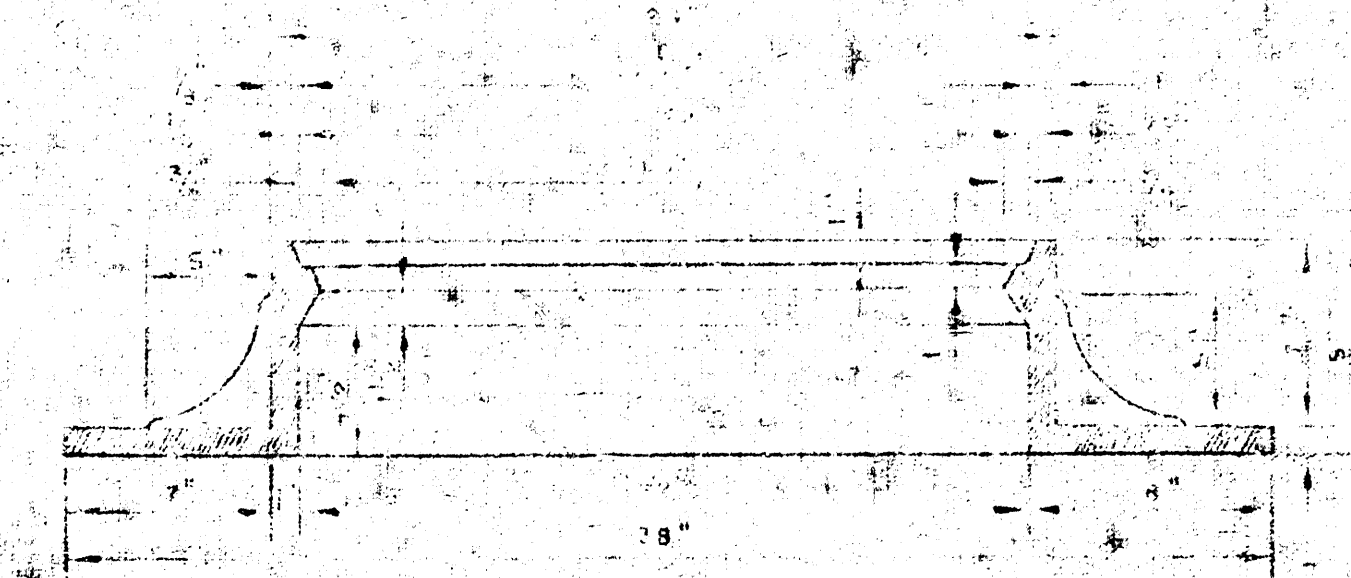
ORDINARY BEDDING METHOD



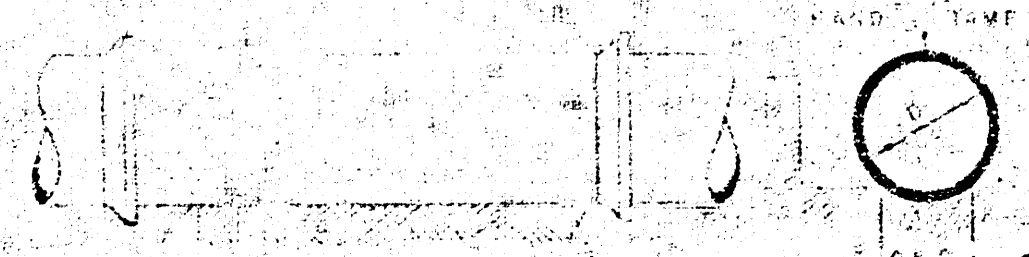
MANHOLE COVER



MANHOLE COVER



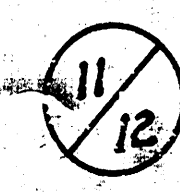
MANHOLE RING

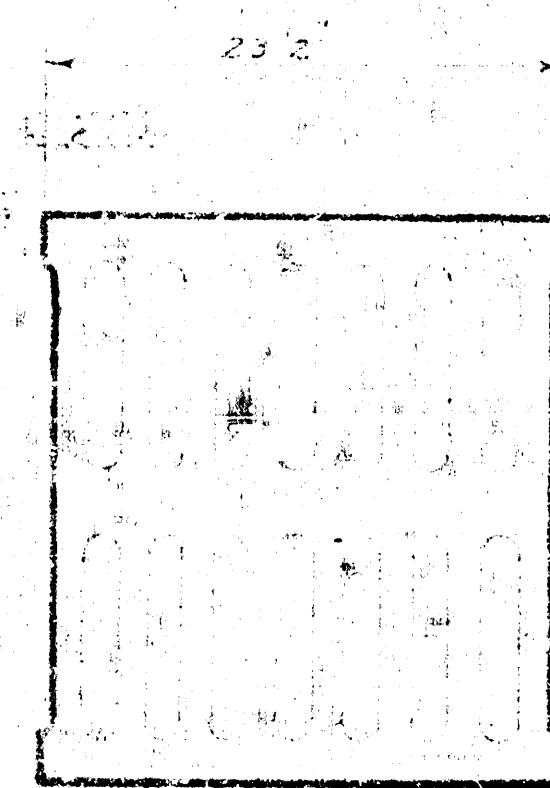
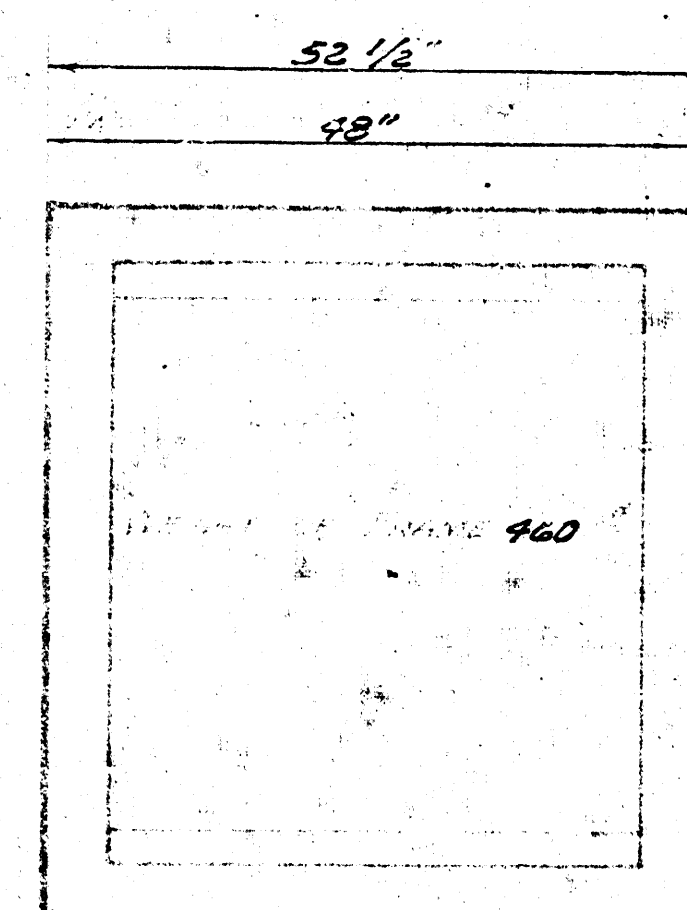


ORDINARY BEDDING METHOD

MANHOLES
The manholes shown on this drawing are of the standard type and are to be constructed of concrete or brick. The manholes shall be constructed of concrete or brick and shall be finished with a smooth surface. The manholes shall be constructed of concrete or brick and shall be finished with a smooth surface. The manholes shall be constructed of concrete or brick and shall be finished with a smooth surface.

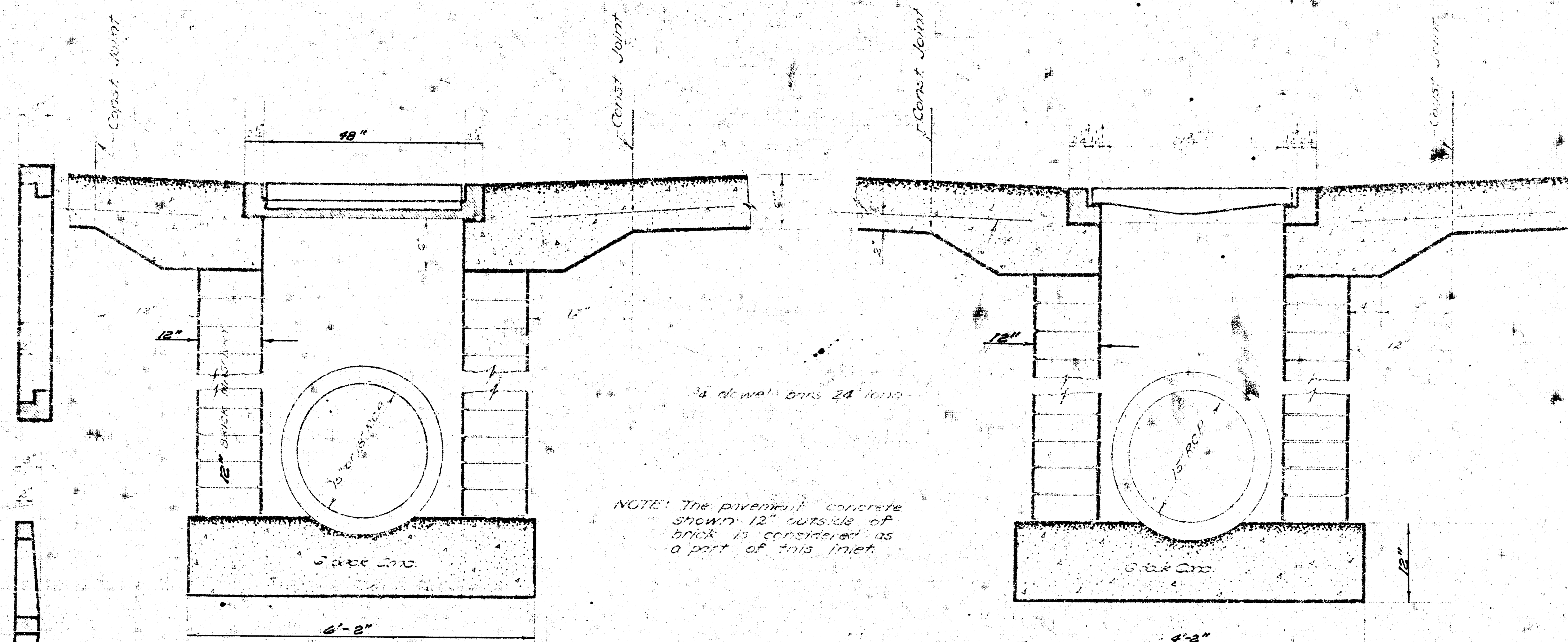
DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
B. E. SMITH CITY ENGINEER
1964





WEIGHT OF GRATE 180

FRAME & GRATE DETAILS
12/12/12



Note: 2 grates required for double 2'x2' grate inlet

ELEVATION

DROP INLET DETAILS

No Scale

ELEVATION

DROP INLET DETAILS
CITY OF WICHITA KANSAS
B. SMITH CITY ENGINEER

12/12

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L.P.A.