

THE URBAN RENEWAL AGENCY
OF THE
WICHITA, KANSAS METROPOLITAN AREA

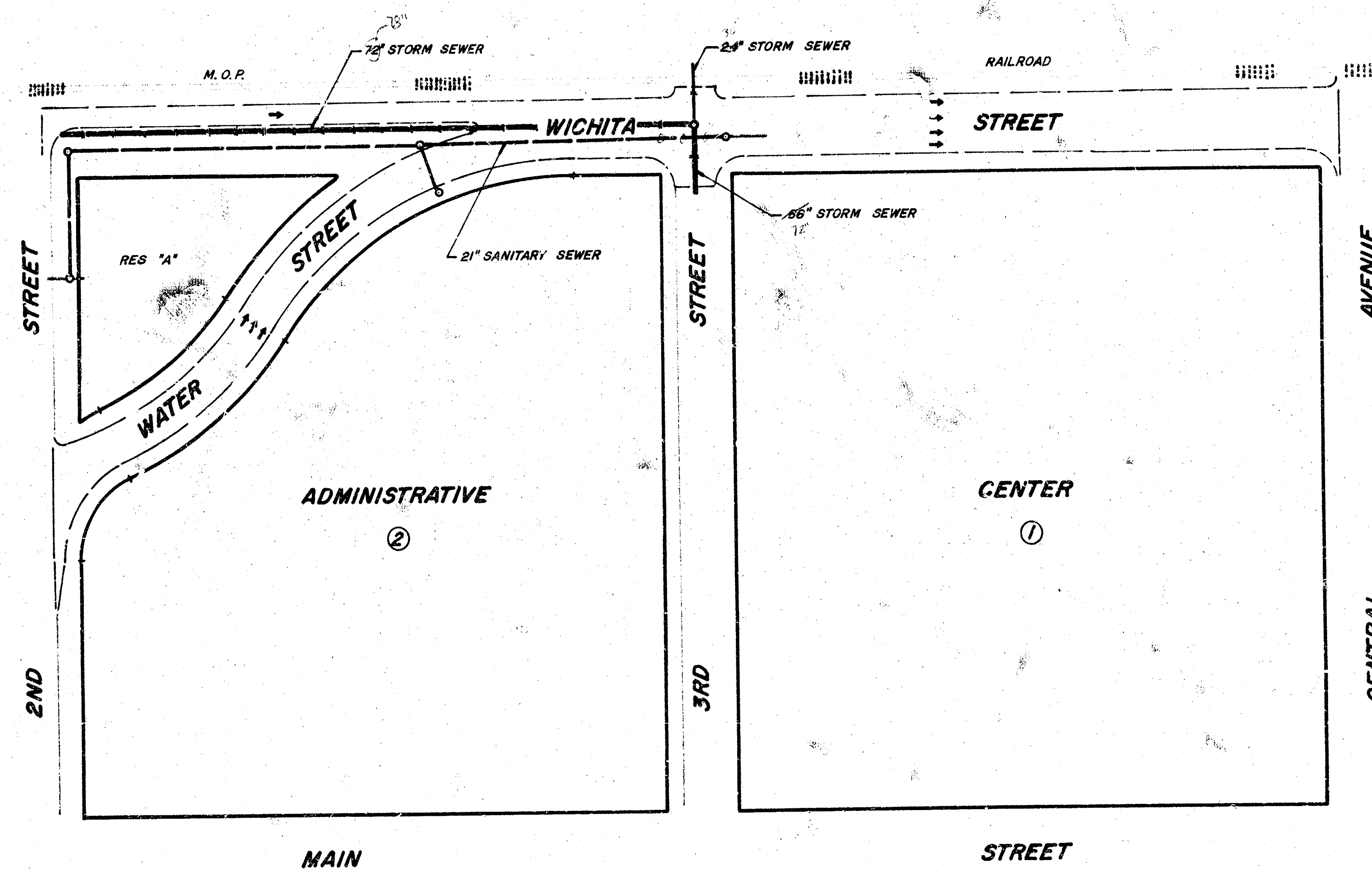
SANITARY SEWER RELOCATION
STORM SEWER CONSTRUCTION
PAVING CONSTRUCTION

NEIGHBORHOOD DEVELOPMENT PROGRAM
ADMINISTRATIVE CENTER ACTIVITY AREA

ENGINEERING DIVISION, DEPARTMENT OF PUBLIC WORKS

R. W. LINN CITY ENGINEER
NOVEMBER 1974 KANSAS R-19

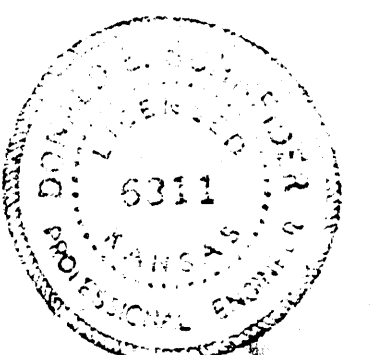
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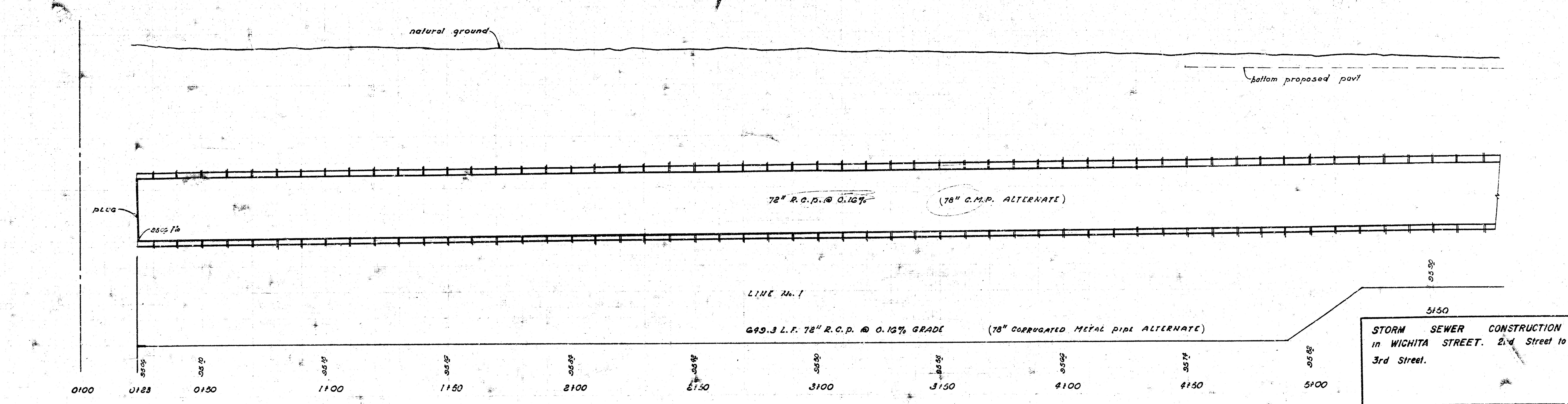
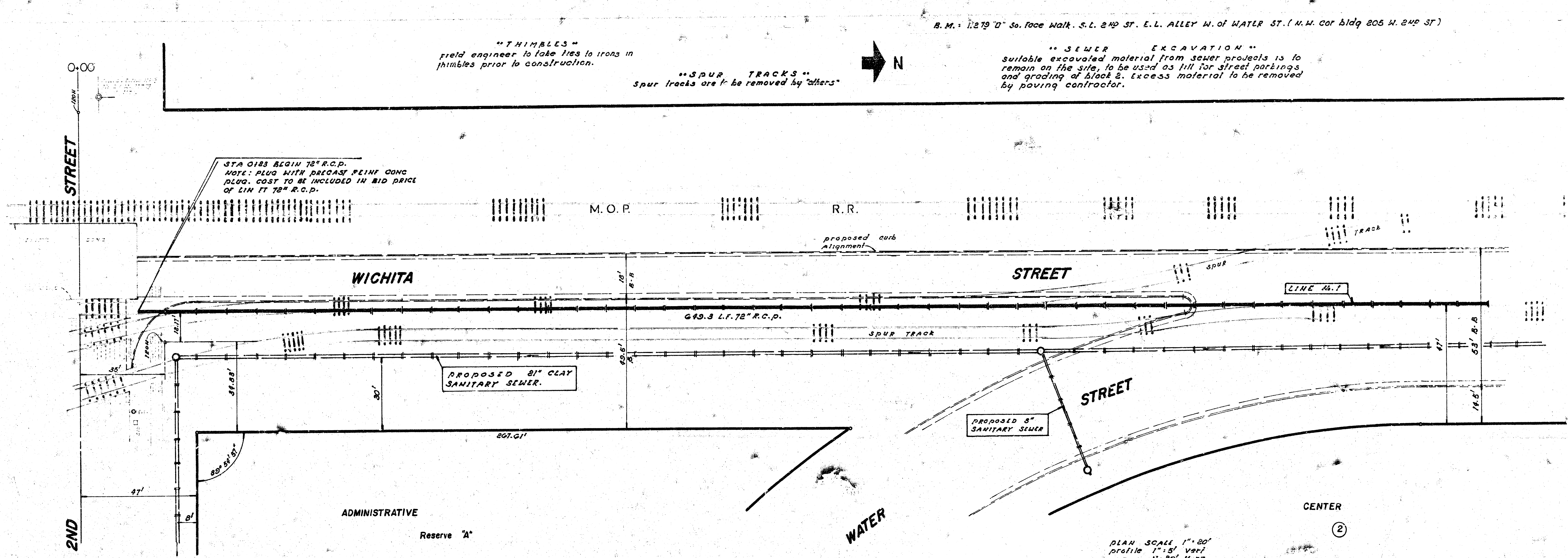


NOTE: THIS PROJECT IS TO BE COORDINATED WITH THE IMPROVING OF MAIN STREET FROM DOUGLAS TO ELM AND THE CONSTRUCTION OF THE CITY OF WICHITA ADMINISTRATIVE CENTER FACILITY.

• SHEET INDEX •

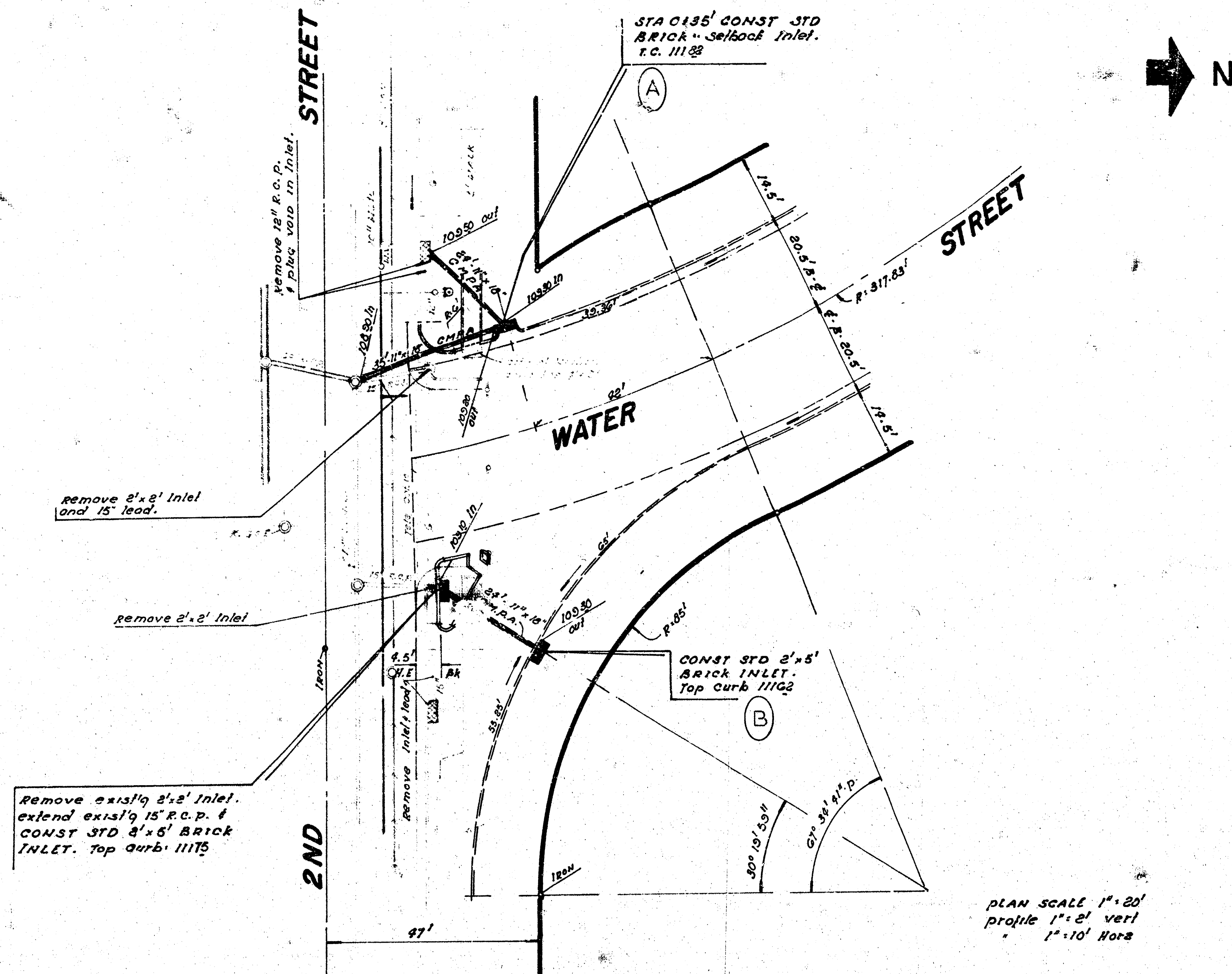
SANITARY SEWER RELOCATION ----- Sheets 2, 3,
STORM SEWER CONSTRUCTION ----- Sheets 4 thru 9
PAVING CONSTRUCTION ----- Sheets 10 thru 19 -
PARKING REPAIR Between WICHITA
and MAIN - North Side 2ND and
the South Side 3RD STREETS ----- Sheet 14
WATER LINE RELOCATION ----- Sheet 20





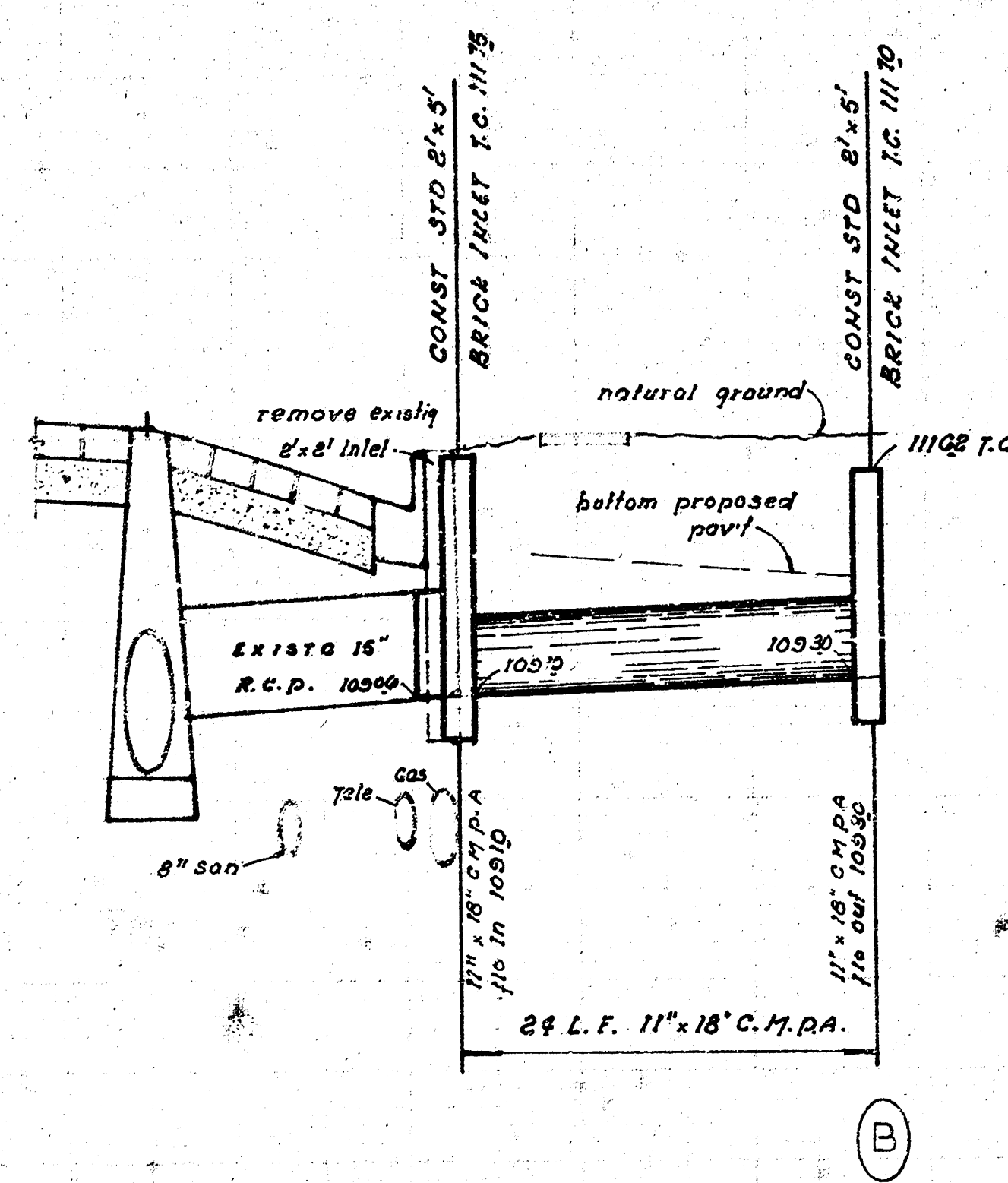
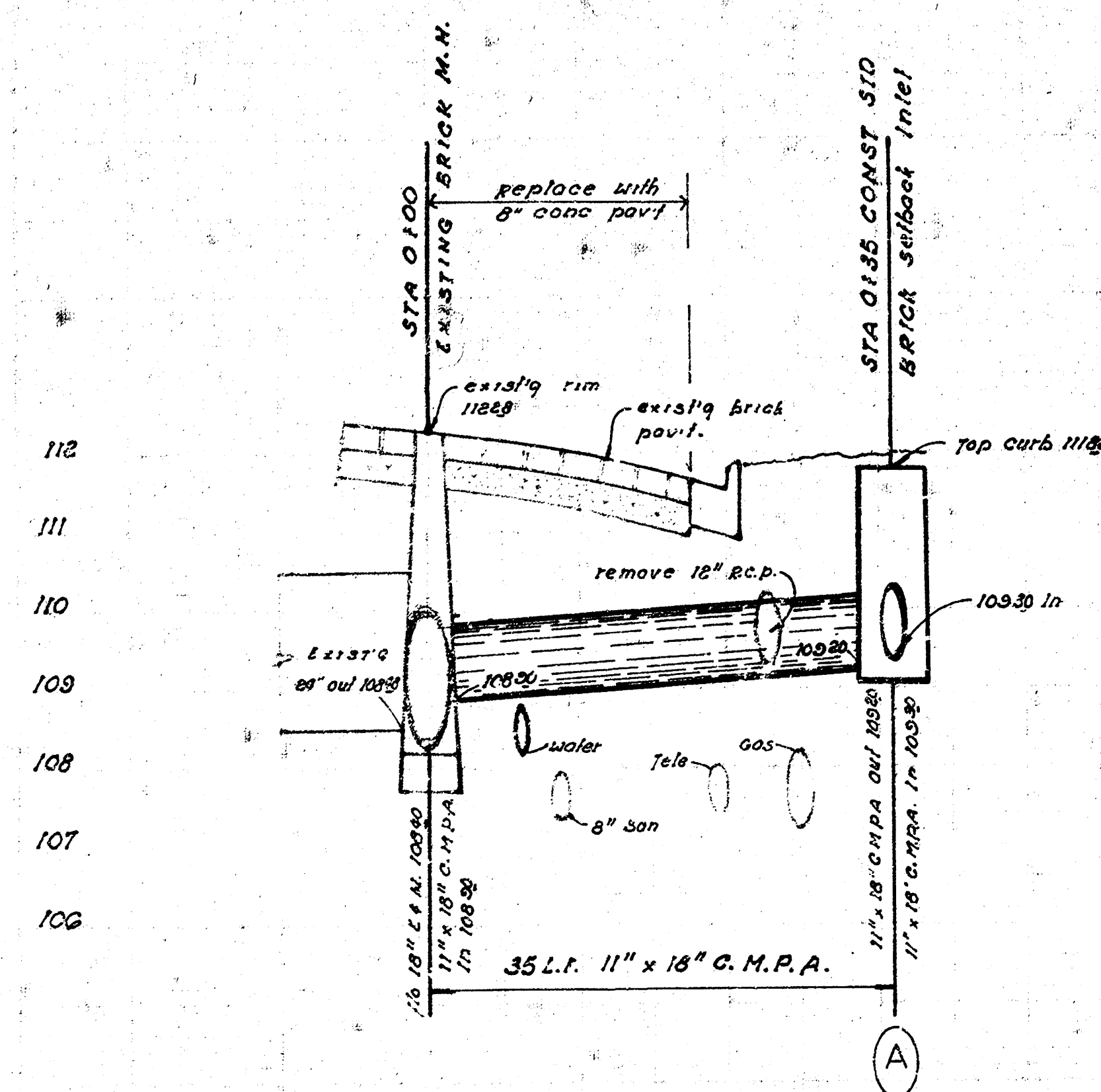
STORM SEWER CONSTRUCTION
in WICHITA STREET. 2nd Street to
3rd Street.

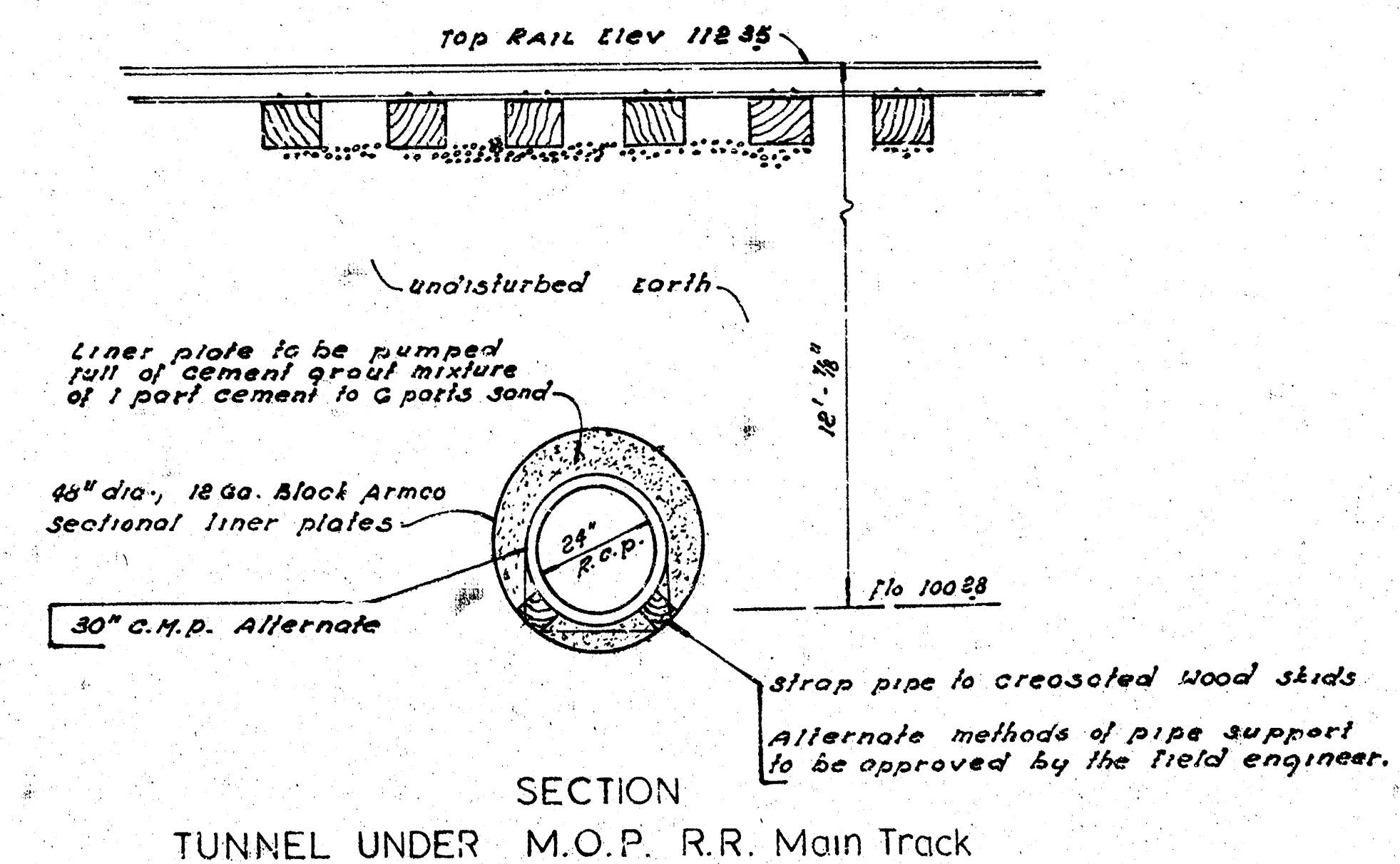
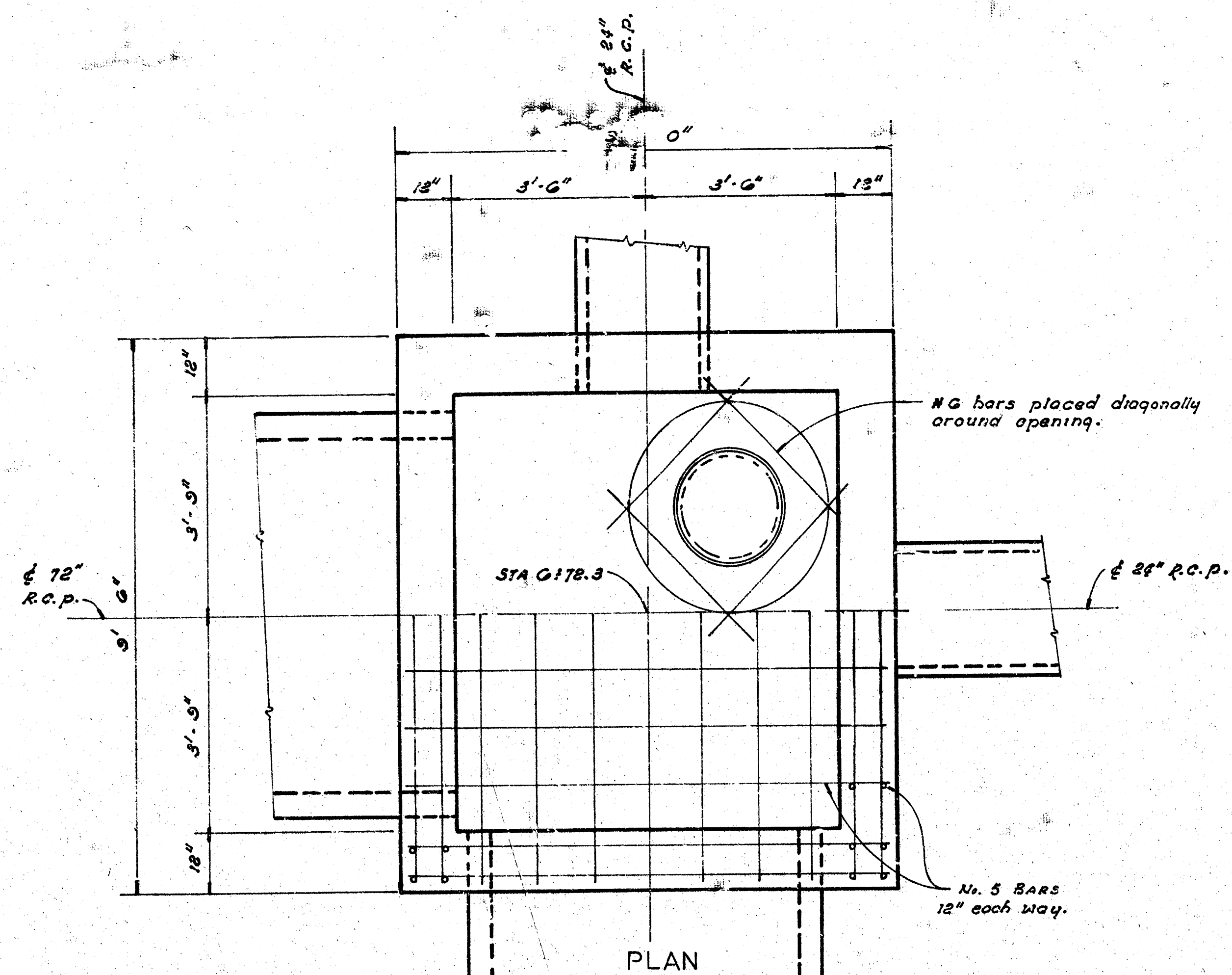
B.M. 11279 "A" 30" Face wall of S.L. 2nd ST and E.L. Alley W. of WATER.
(N.W. cor Bldg 205 W. 2nd).



NOTE: All locations of existing & proposed utility lines shown on plans are approximate for information and identification purposes only. Contractor shall be responsible for locating lines exactly and any damage to utility lines in service.

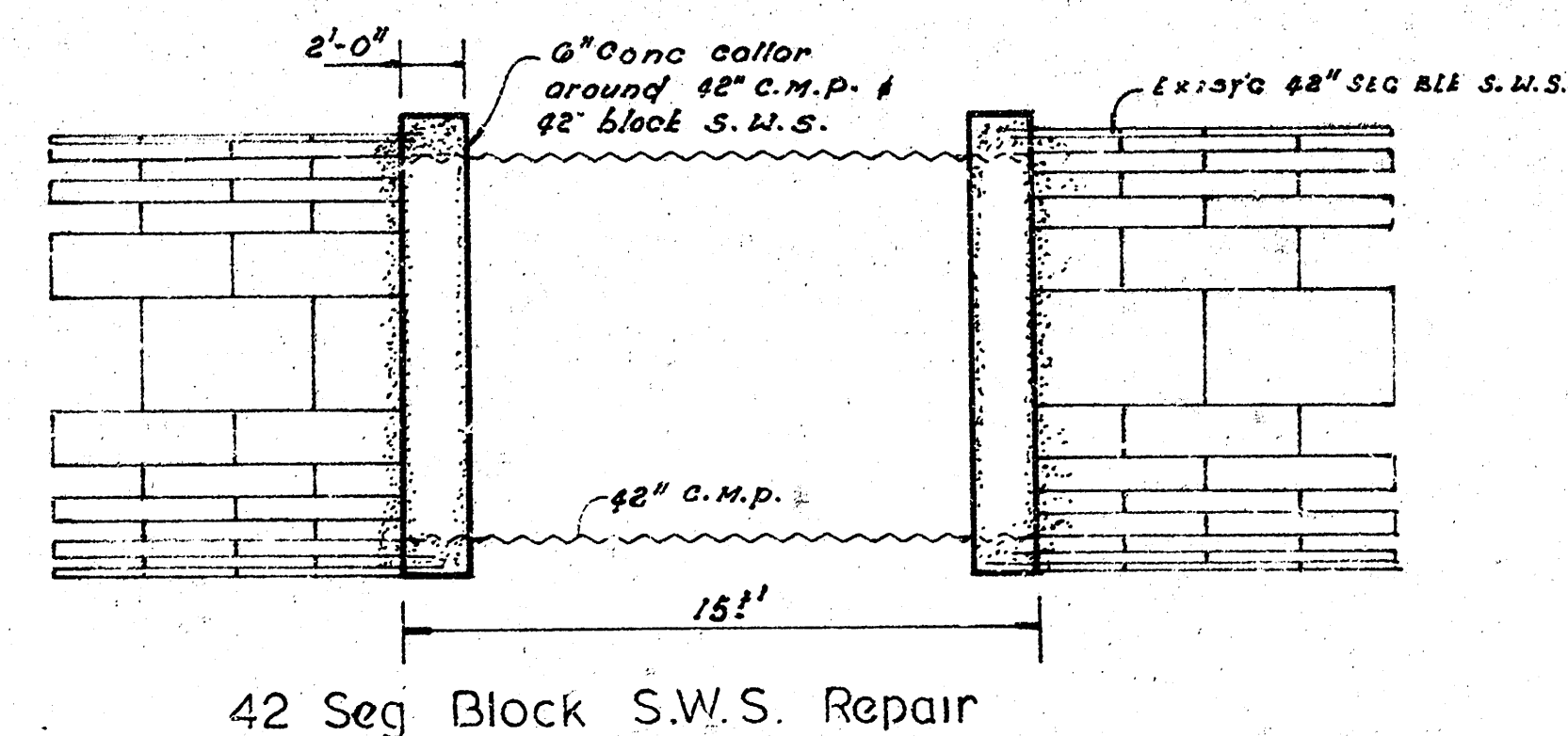
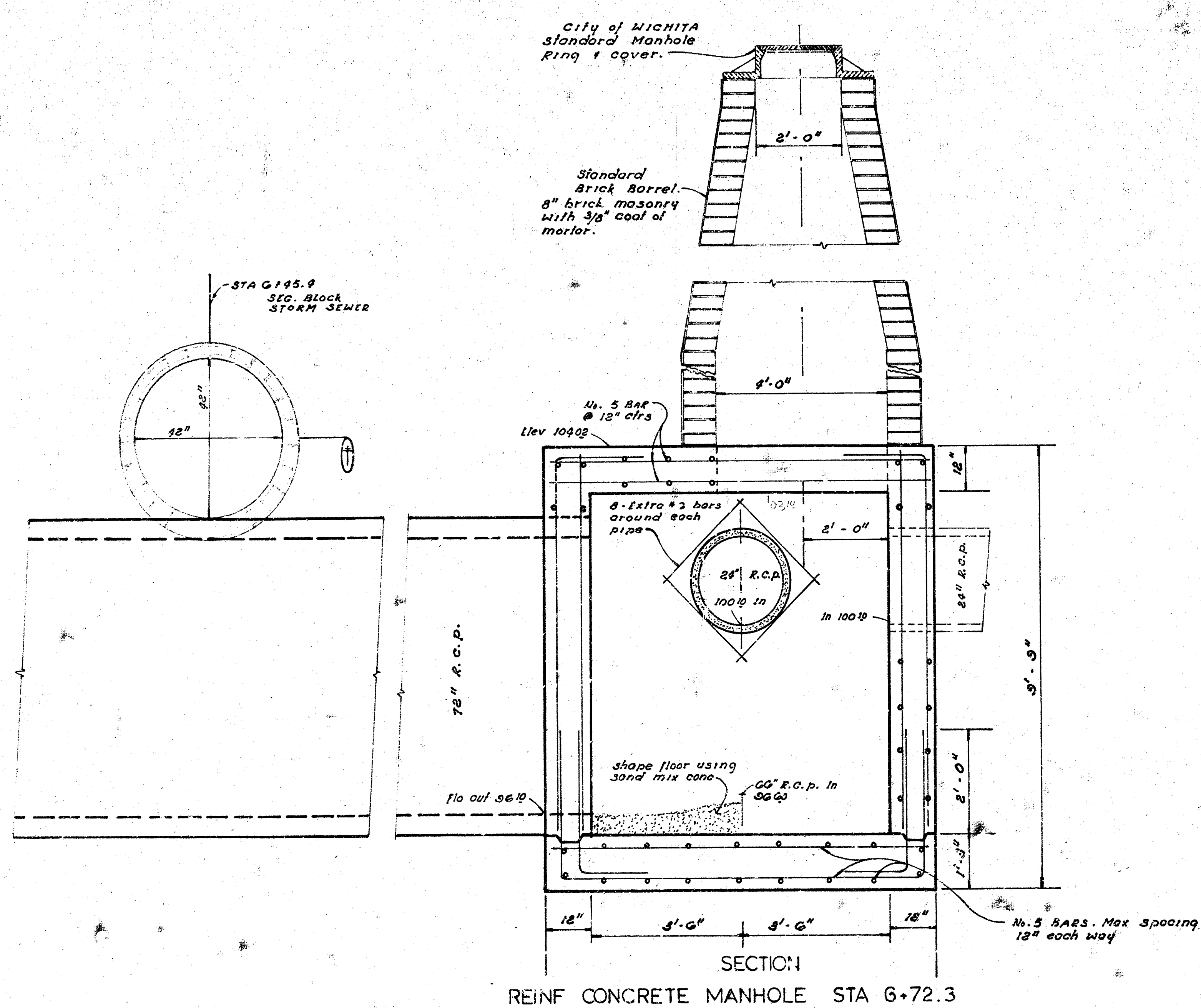
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GENERAL NOTES

- #1 All sand backfill is to be flushed and vibrated.
- #2 Abandoned sewer pipes, cut by the storm water sewer construction, are to be plugged with concrete masonry. These plugs shall be bid as "pipe plugs".
- #3 The bid price for lin ft of tunnel liner is to include placing of liner, grouting, and all necessary tools and equipment to complete liner in place, except the cost of 24" R.C.P.
- #4 All castings, grates and lids removed to be delivered to the city of WICHITA material yard.
- #5 All locations of existing & proposed utility lines shown on plans are approximate for information and identification purposes only. Contractor shall be responsible for locating lines exactly and any damage to utility lines in service.
- #6 Excavation and backfill construction around existing K.G. & E. cables is to be under the supervision and direction of the K.G. & E. Co.

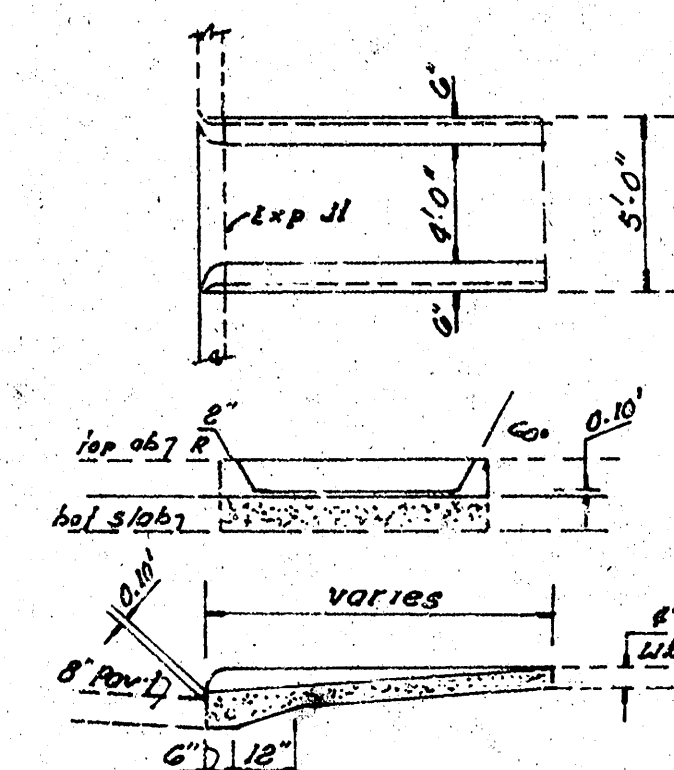
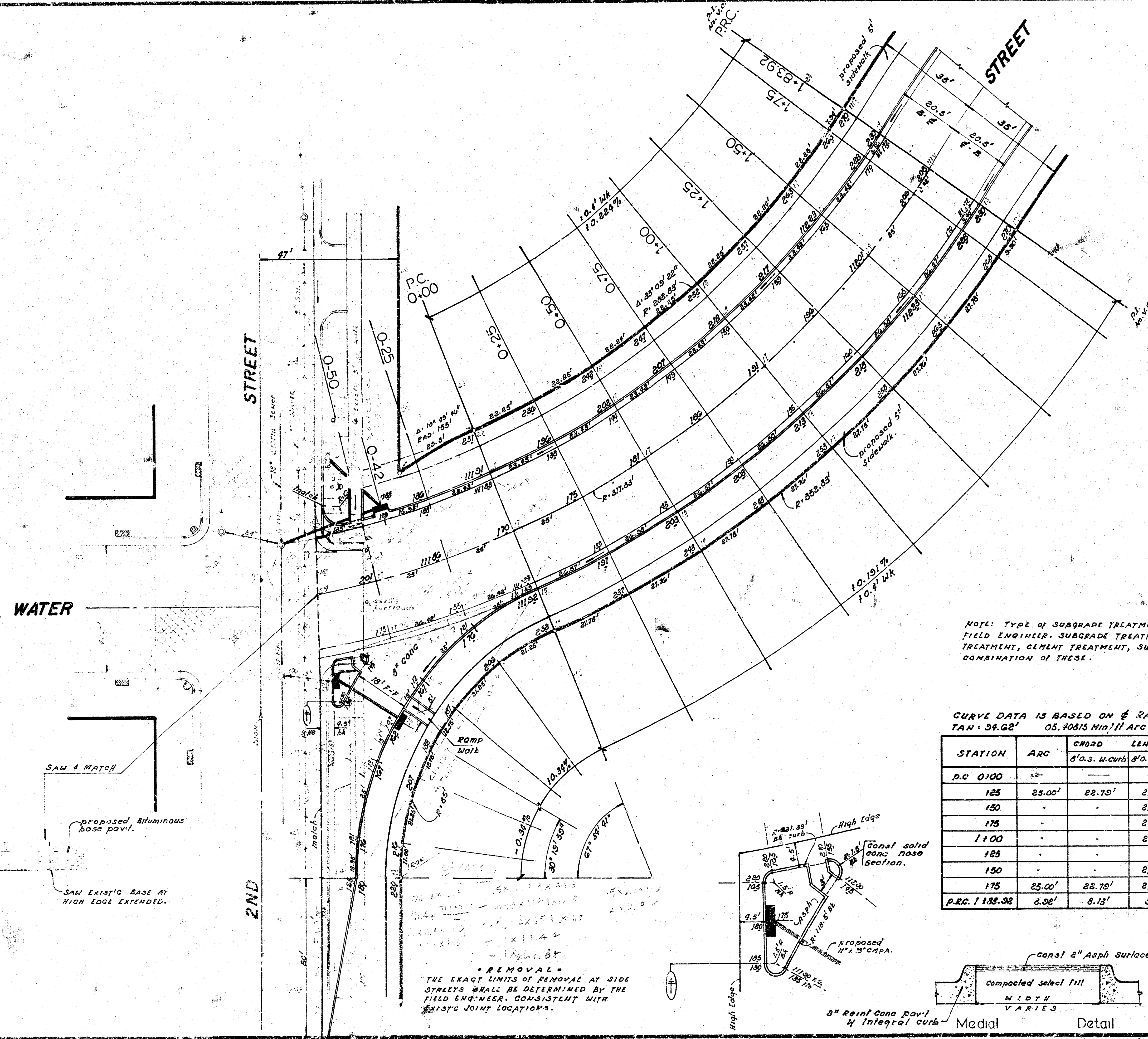


The portion of existing 42" segmented block storm water sewer removed is to be repaired with 42" corrugated metal pipe and grouted in place to remain in service. The concrete collars are to be included in the bid price for lin ft 42" C.H.P.

REINFORCED CONCRETE MANHOLE
Concrete for Reinforced concrete Manhole shall be a good paving mix. The price bid for REINFORCED CONCRETE MANHOLE shall include the cost of excavation, furnishing and placing concrete, bricks, cover plate, and reinforcing steel.

6 M-11219 7 32.1000 WALK OF 3 L AND 32.1000 WALK OF 3 L
(M.M. 321 3210 3210 3210)

N
SCALE 1"=20'

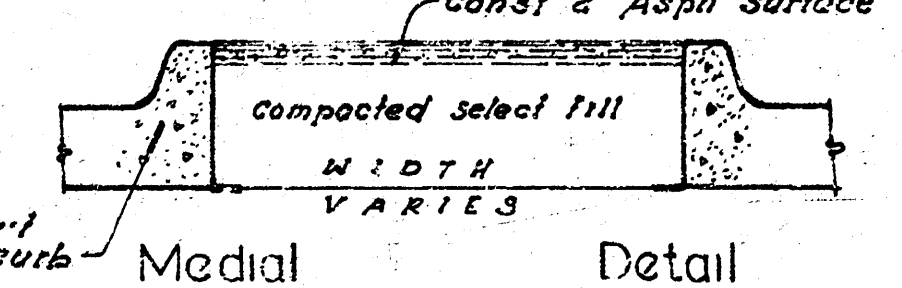


Sidewalk Ramp

NOTE: TYPE OF SUBGRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUBGRADE MODIFICATION, OR ANY COMBINATION OF THESE.

CURVE DATA IS BASED ON Δ RADIUS: 317.83' Δ : 33° 09' 28" TAN: 34.62' 05.1015 MIN/HI ARC

STATION	ARC	CHORD	LENGTHS	DEFLECTION	TOTAL
P.C. 0+00					
125	25.00'	22.10'	27.20'	2° 15' 18"	2° 15' 18"
150			27.19'	2° 15' 12"	4° 30' 30"
175			27.20'	2° 15' 13"	6° 45' 37"
1+00			27.19'	2° 15' 12"	9° 00' 39"
125					11° 15' 01"
150			27.19'	2° 15' 12"	13° 31' 13"
175	25.00'	22.10'	27.20'	2° 15' 13"	15° 46' 26"
P.R.C. 1+83.92	25.00'	22.10'	27.20'	2° 15' 13"	18° 01' 41"



"EXCAVATION"
3,401.2 CU YDS
110% 376.1
3,807.3 CU YDS

"COMP. FILL"
102.5 CU YDS
110% 12.3
114.8 CU YDS

Revised 12/5/74

PAVING CONSTRUCTION
WICHITA STREET — 2ND to CENTRAL
WATER STREET — 2ND to WICHITA
PARKING REPAIR— Between Wichita and
Main Street, North Side 2nd Street &
South Side 3rd Street.

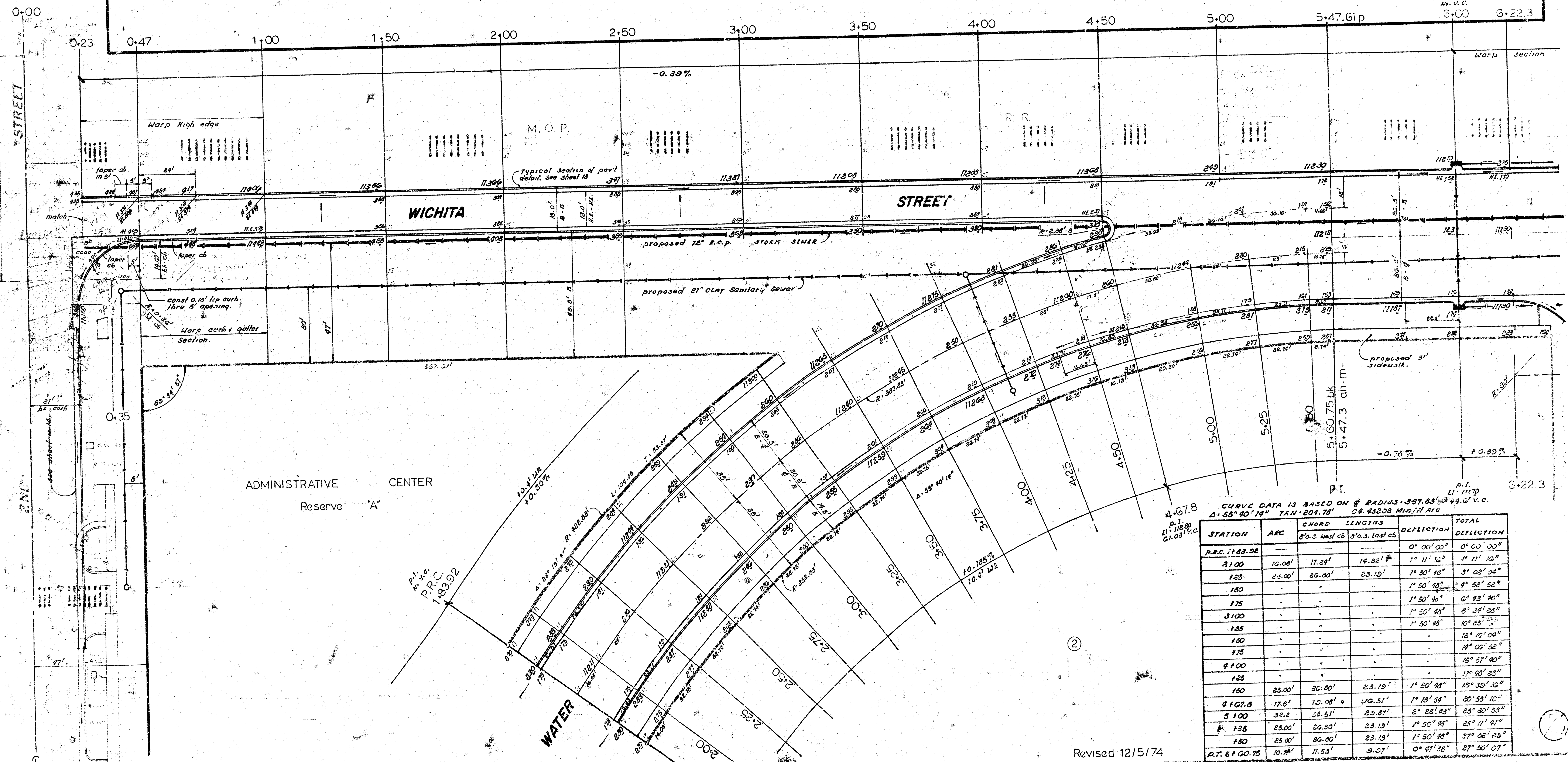
S.M. 11279 17" S. lone walk S.E. 2ND ST - E.L. ALLEY W. of WATER (N.W. cor bldg 805 W. 2ND ST)

NOTE: FIELD ENGINEER to Re-Cross Section after Spur tracks have been removed.

Scale 1"=20'

GRADE AREA BETWEEN TRACKS AND STREET TO DRAIN INTO STREET FROM 2ND TO 3RD.

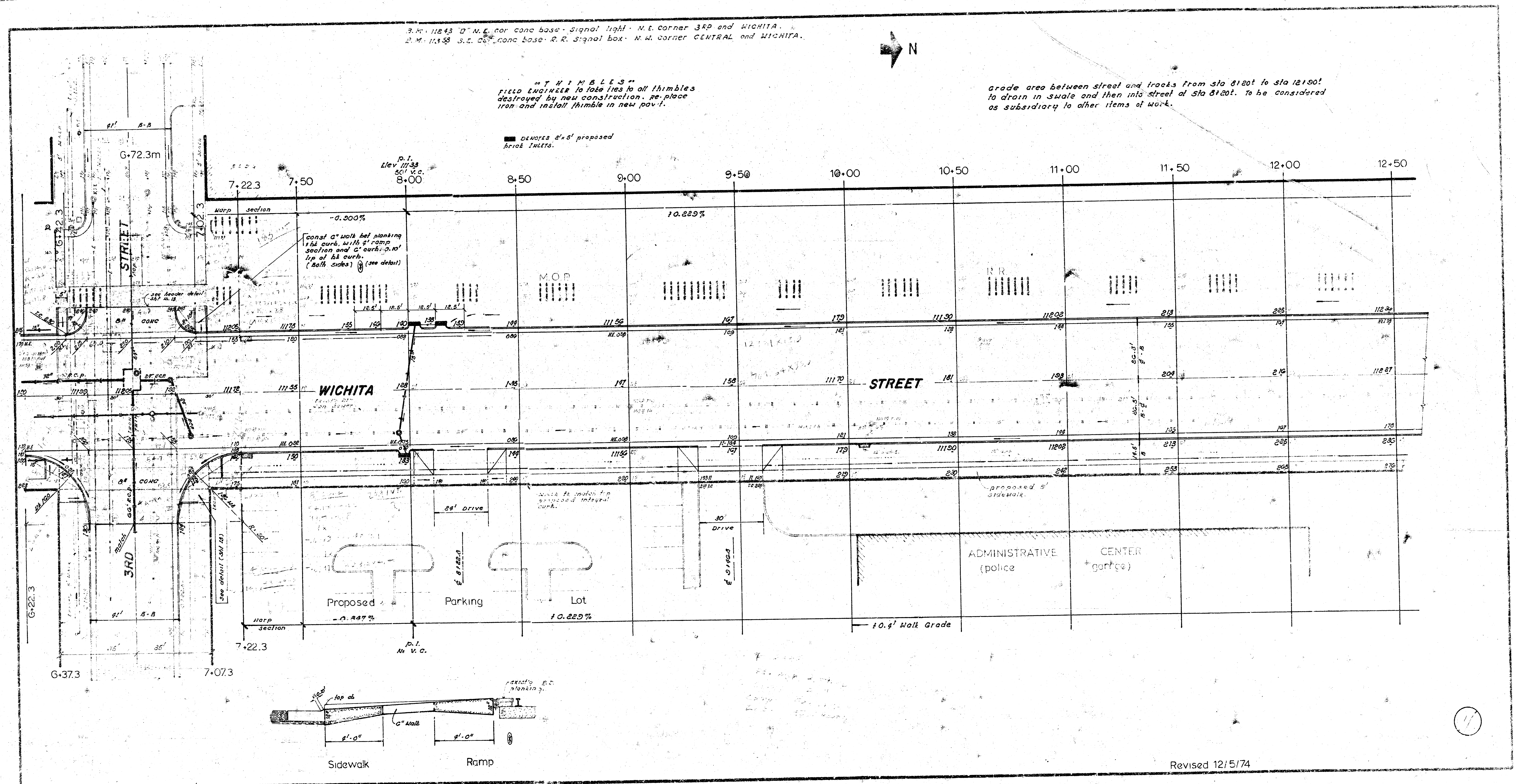
P.I. 44.0' V.C. 6+00 6+22.3

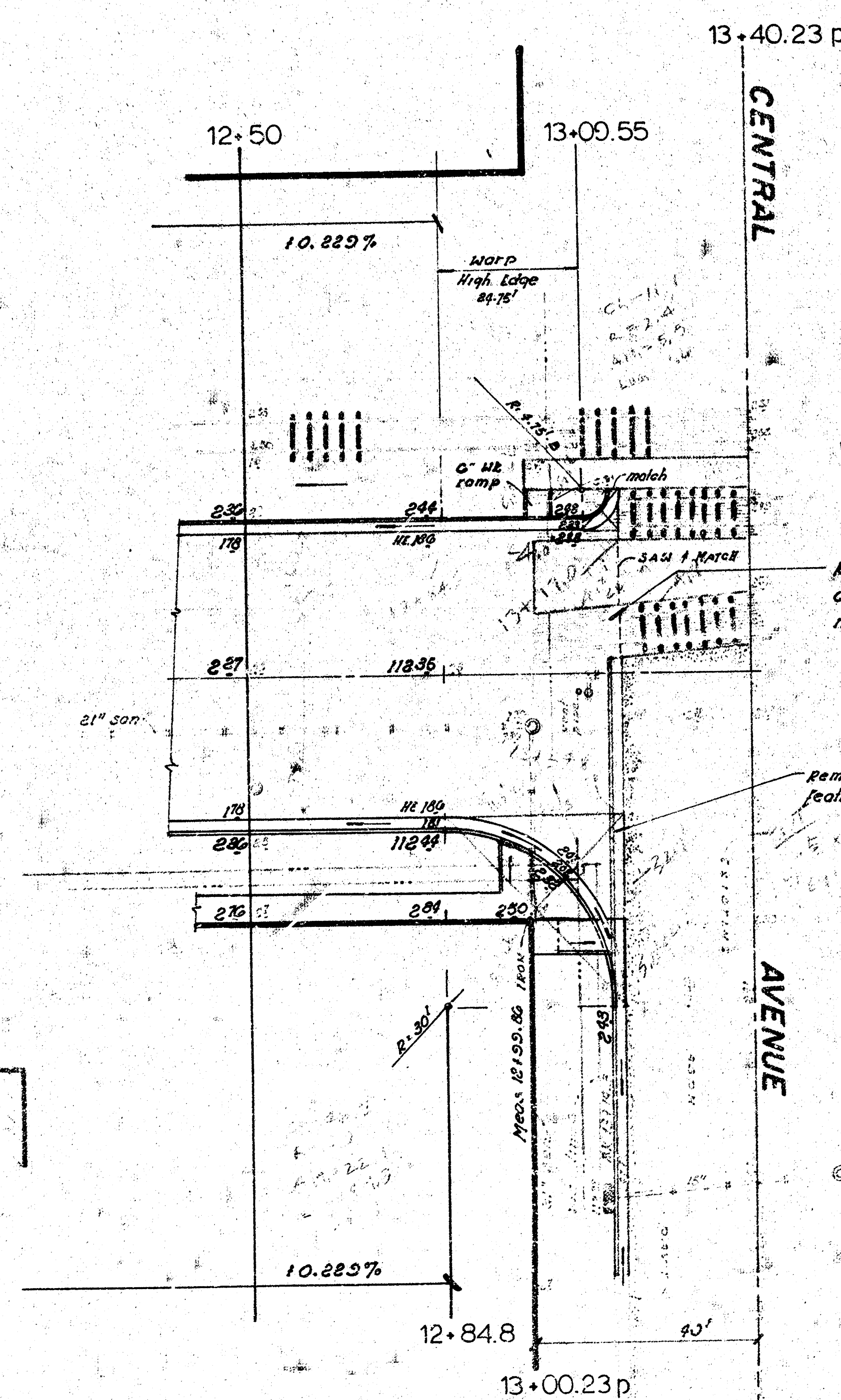


CURVE DATA IS BASED ON RADIUS 397.83' @ 44.0' V.C.

STATION	ARC	CHORD	LENGTHS	DEFLECTION	TOTAL
P.R.C. 1183.92				0° 00' 00"	0° 00' 00"
2100	10.08'	17.28'	19.32'	1° 11' 12"	1° 11' 12"
185	23.00'	38.30'	43.18'	1° 50' 18"	3° 03' 04"
150				1° 50' 18"	4° 53' 22"
125				1° 50' 18"	6° 43' 40"
100				1° 50' 18"	8° 34' 28"
75				1° 50' 18"	10° 25' 00"
50				1° 50' 18"	12° 15' 04"
25				1° 50' 18"	14° 05' 52"
P.T. 61+00.75				1° 50' 18"	15° 57' 40"
185				1° 50' 18"	17° 48' 28"
150	25.00'	38.30'	43.18'	1° 50' 18"	19° 39' 12"
125	17.6'	28.5'	32.5'	1° 18' 58"	20° 58' 10"
100	32.2'	51.5'	58.8'	2° 22' 03"	23° 20' 53"
75	25.00'	38.30'	43.18'	1° 50' 18"	25° 11' 51"
50	25.00'	38.30'	43.18'	1° 50' 18"	27° 02' 29"
P.T. 61+00.75	10.08'	17.28'	19.32'	0° 41' 36"	27° 50' 07"

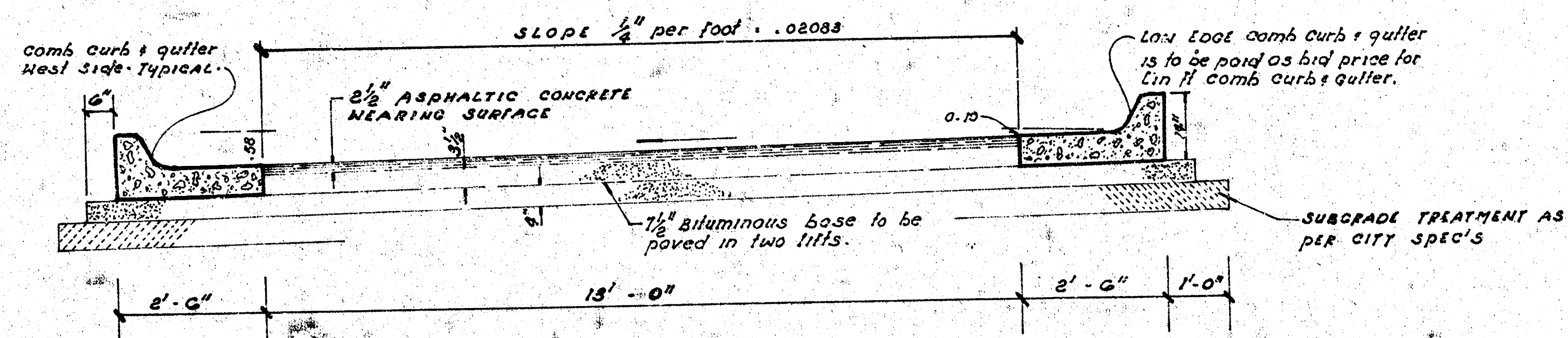
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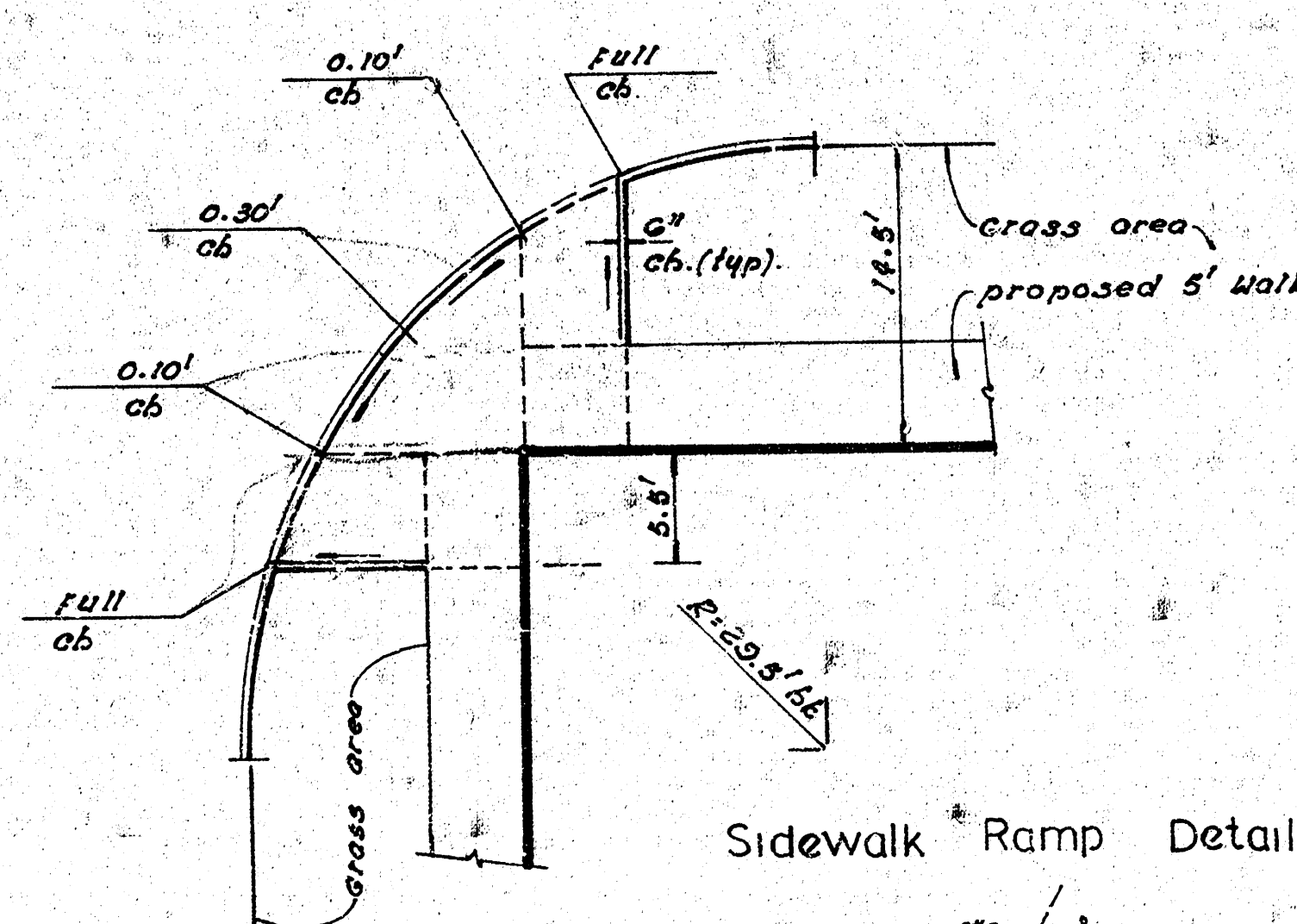


CENTRAL AVENUE

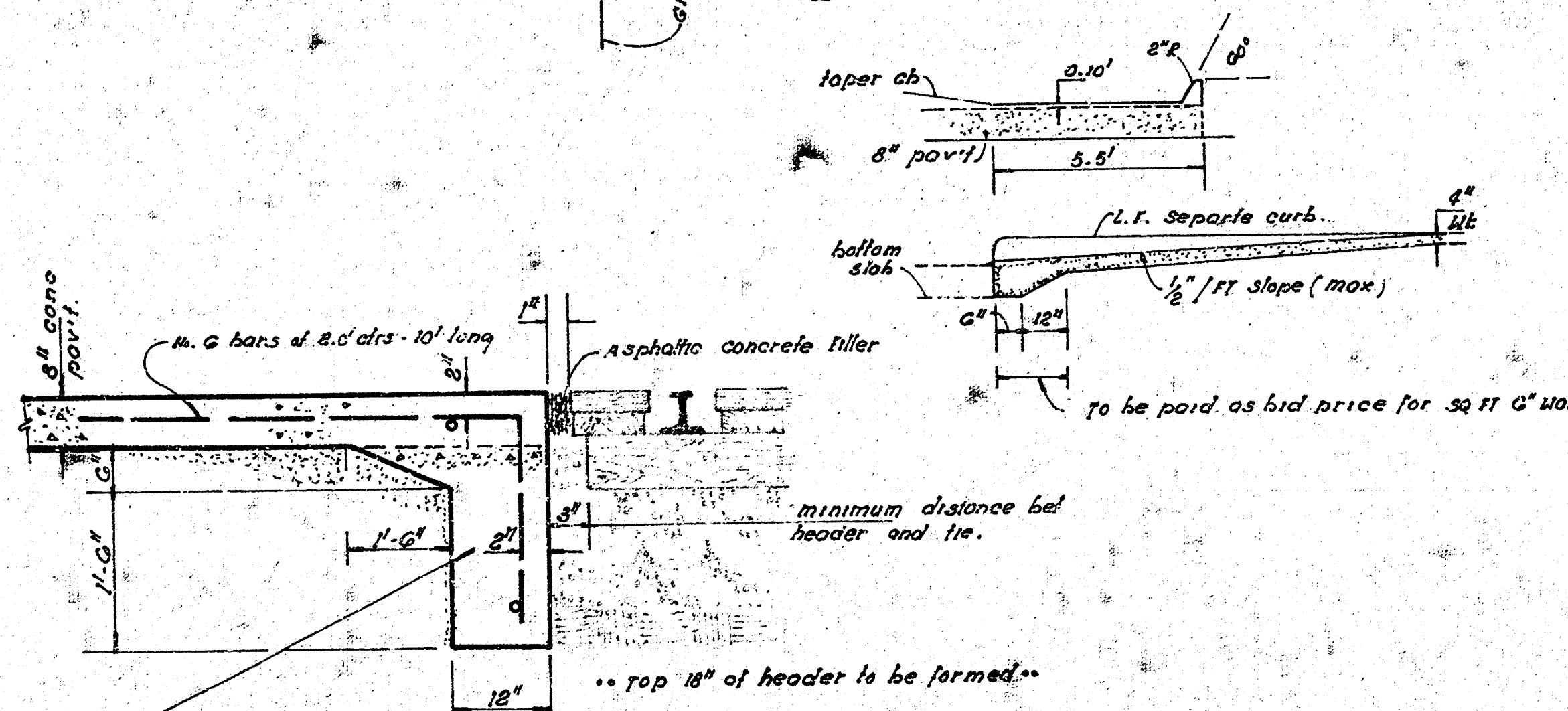
AVENUE



TYPICAL SECTION
18' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE



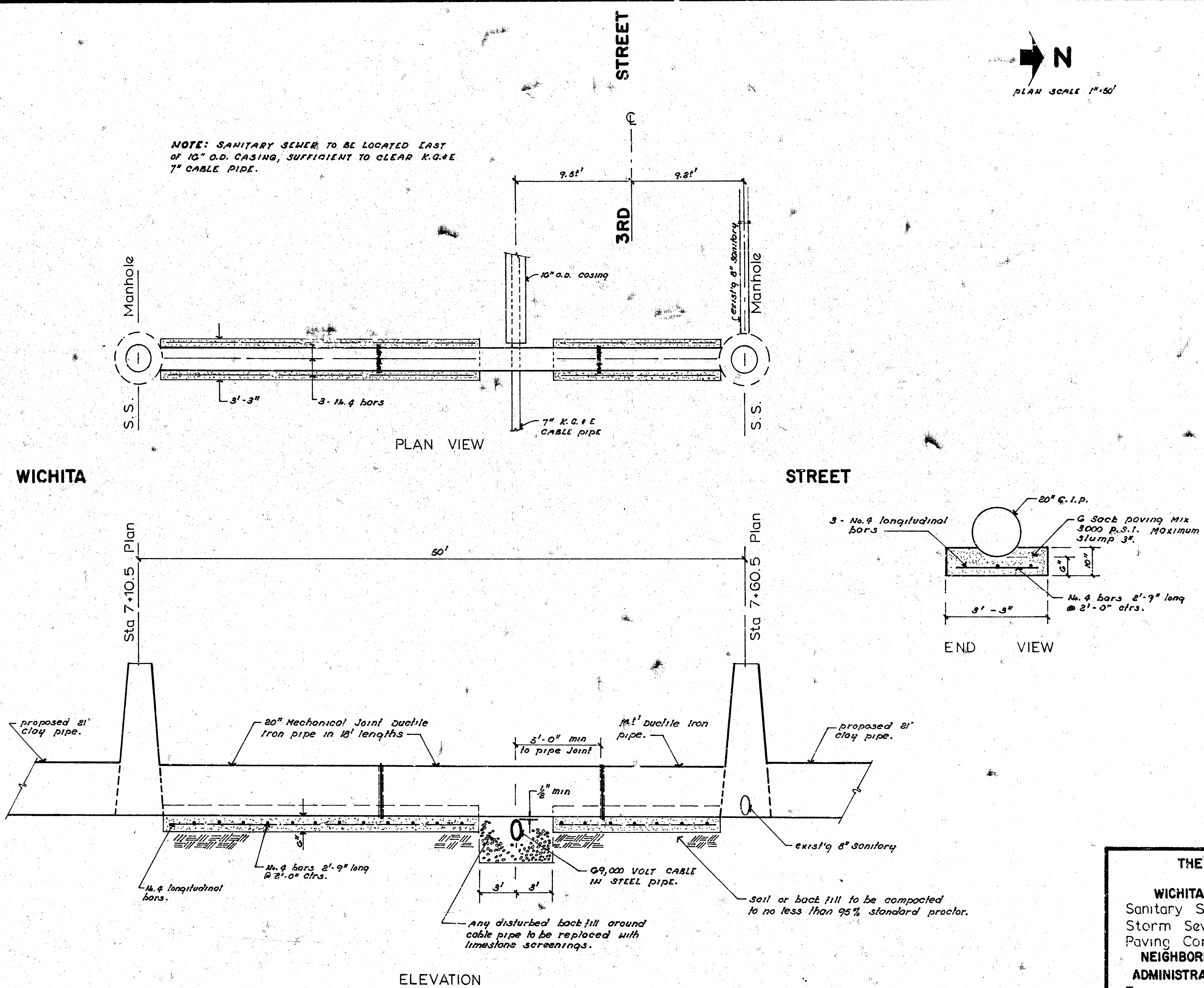
Sidewalk Ramp Detail



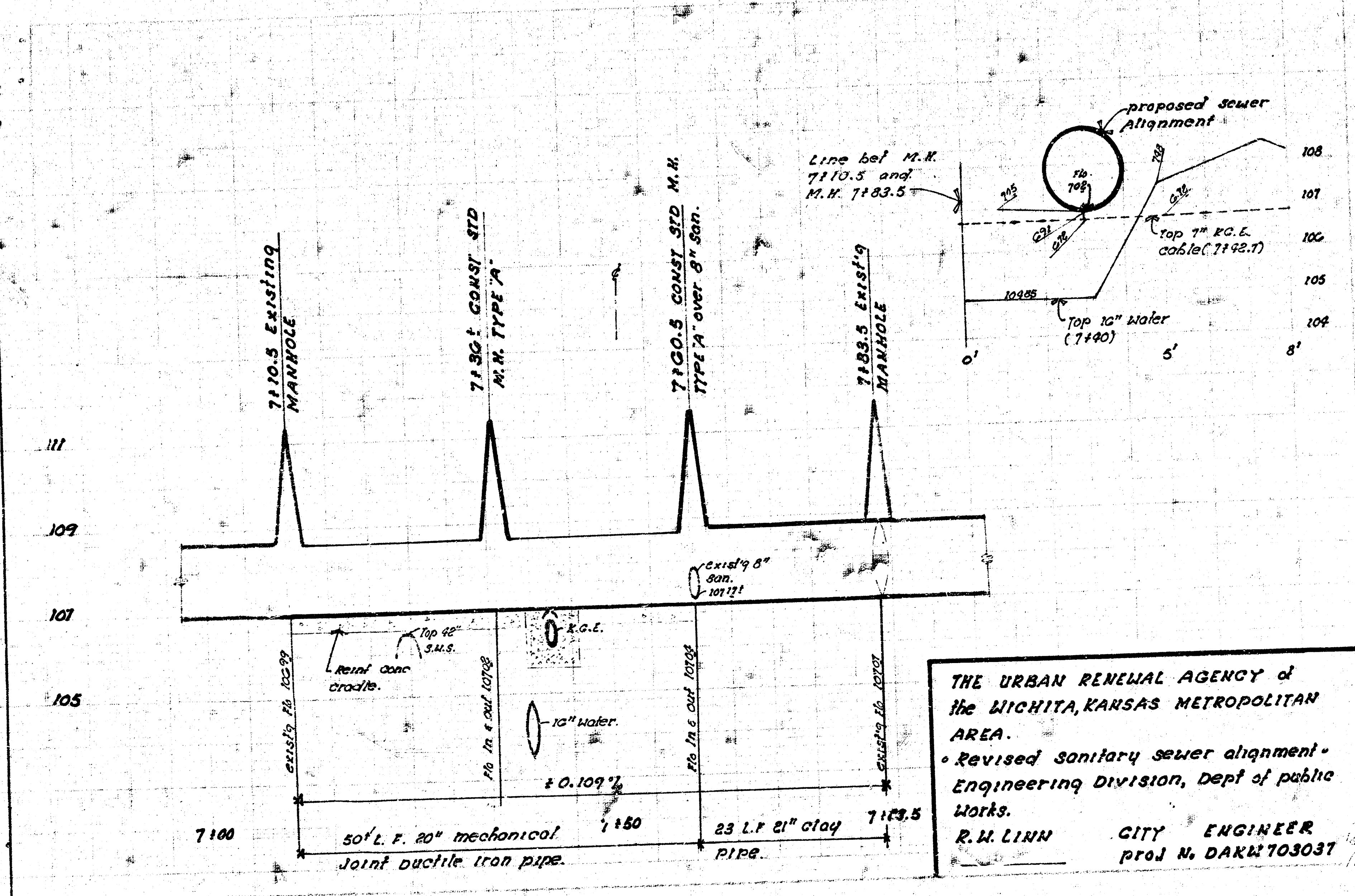
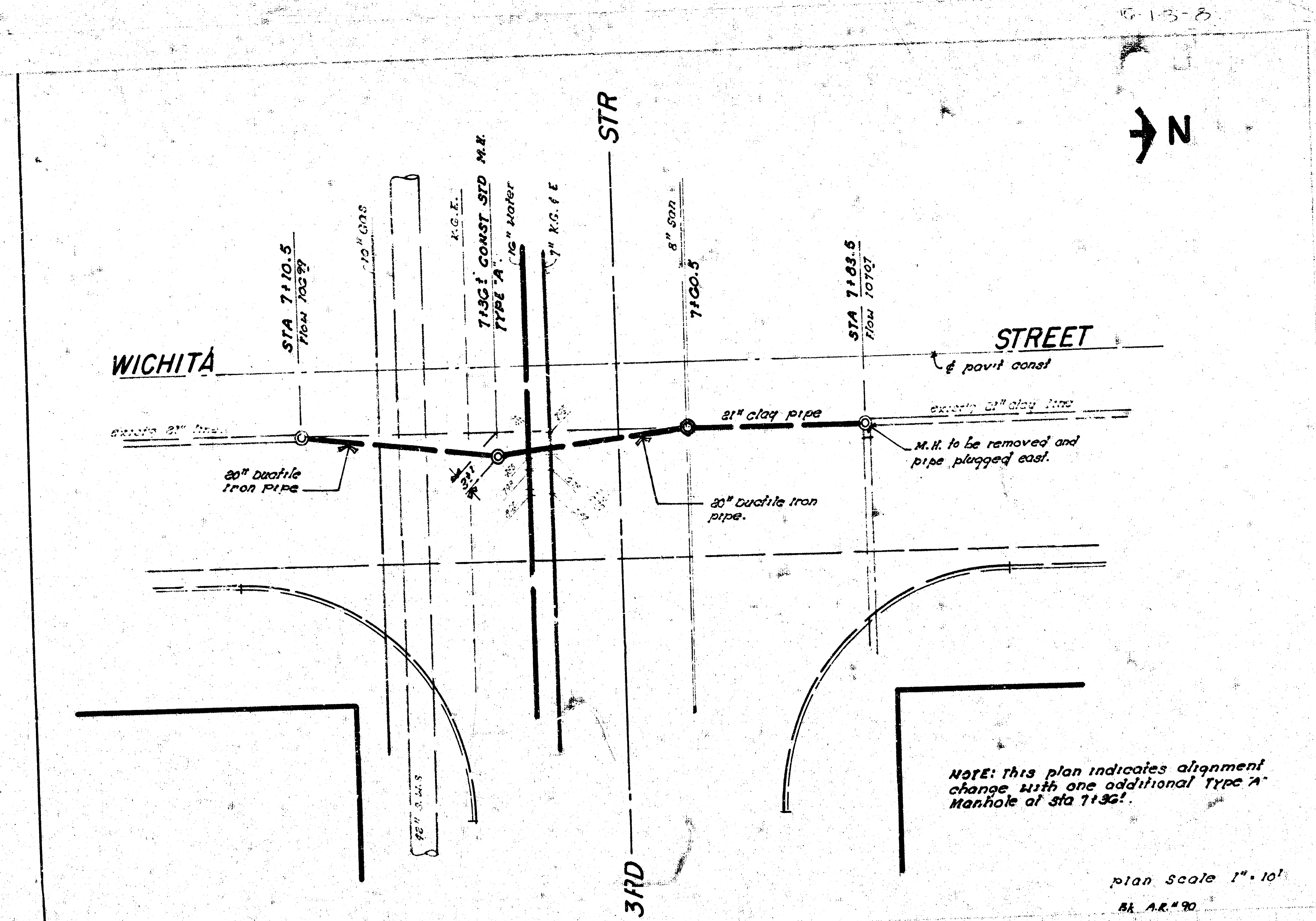
R.R. CROSSING HEADER DETAIL

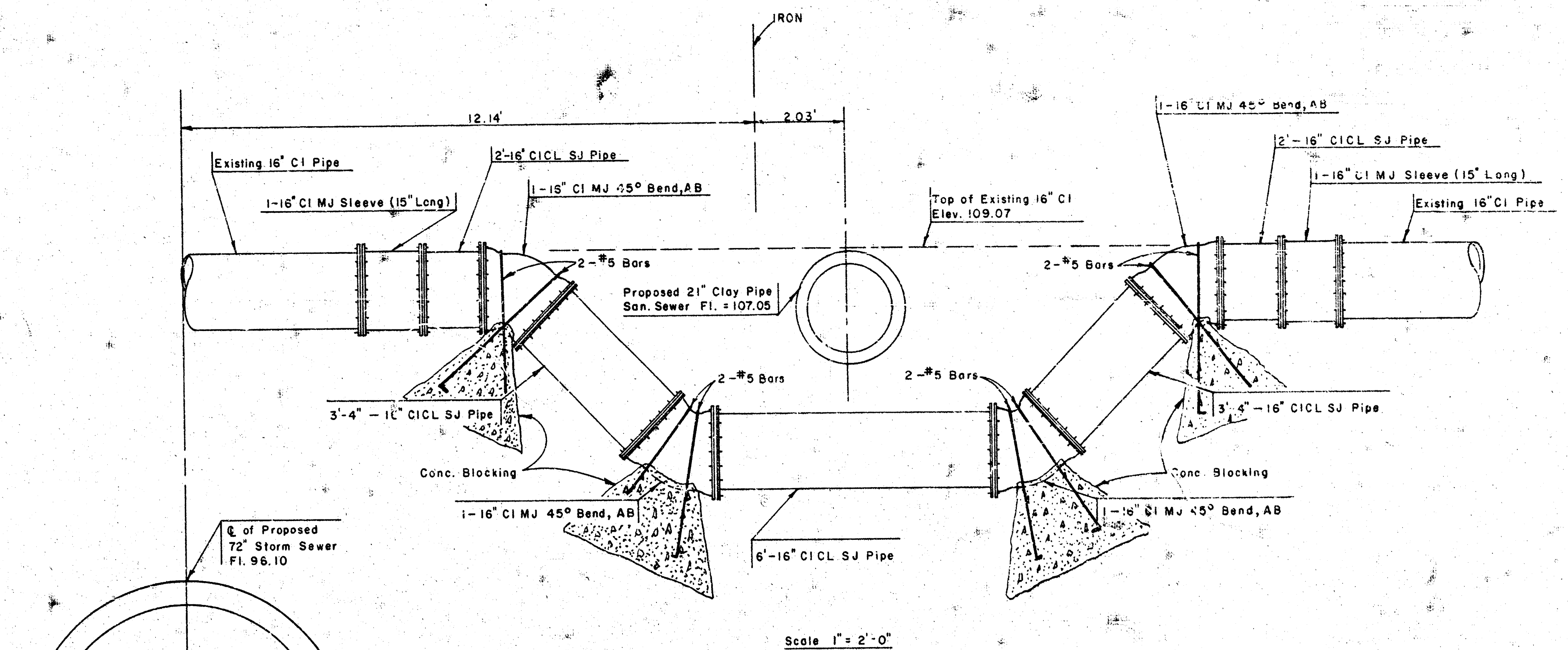
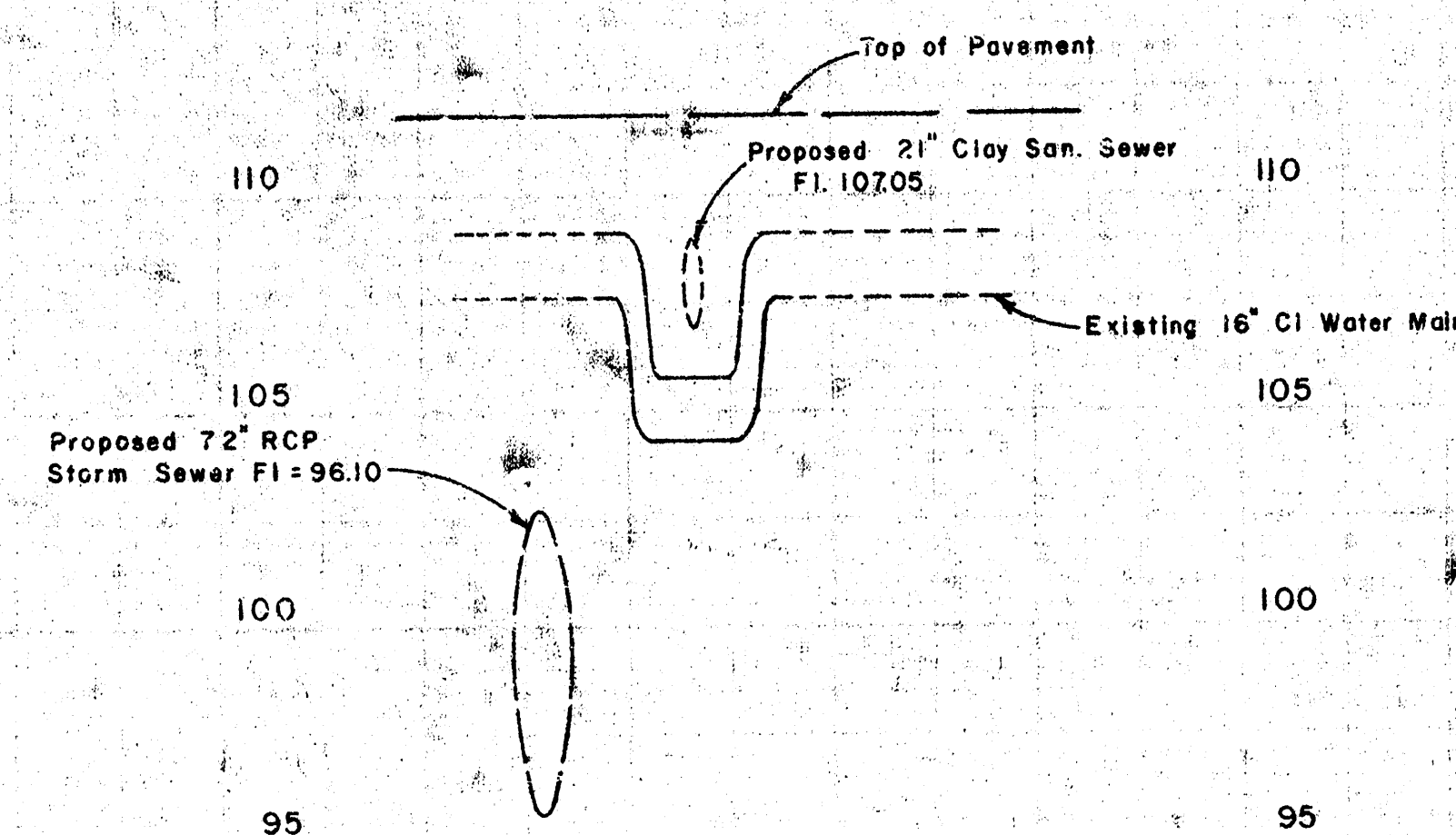
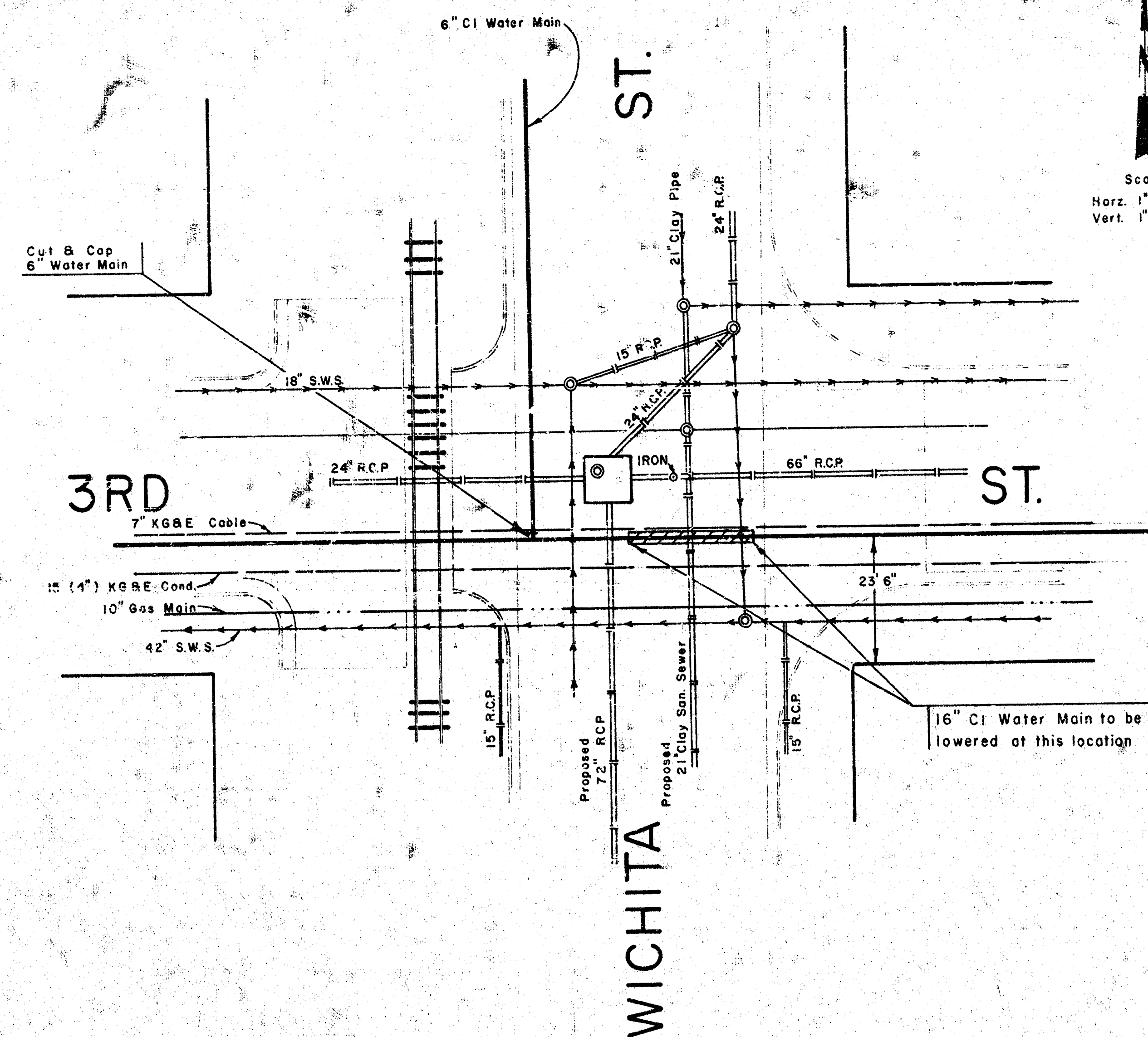
This area to be paid as bid for on yards special excavation, and on yds concrete.

Revised 12/5/74



THE URBAN RENEWAL AGENCY
of the
WICHITA, KANSAS METROPOLITAN AREA
Sanitary Sewer Relocation
Storm Sewer Construction
Paving Construction
NEIGHBORHOOD DEVELOPMENT PROGRAM
ADMINISTRATIVE CENTER ACTIVITY AREA
Engineering Division, Dept. of Public Works
R.W. LINN CITY ENGINEER
KANSAS R-19





SPECIFICATIONS

1. All Materials to be Furnished and installed by the Contractor. The Water Dept. will shut down the main.
2. The Contractor will remove the existing 16" Cast Iron Pipe, leaving a smooth cut at right angles to the axis of the pipe of each end.
3. All Cast Iron Pipe and Fittings to be wrapped with 8 mil. thickness Polyethylene Film and sand encased with a 6" min. on all sides of the pipe.
4. Concrete thrust block will contain approximately two cu. yd. of Concrete each.
5. Cast Iron Pipe will be cut to exact length or spacer rings cut from the same diameter pipe will be used to replace any slack in the new pipe and fittings.
6. Cast Iron Pipe and Fittings to meet all Water Department Specifications. This includes Ductile Iron pipe may be used in lieu of Cast Iron Pipe.
7. Excavation in street right-of-way shall be backfilled with sand that is jetted flushed and vibrated except the top twelve inches which is to be compacted topsoil free from rock. All backfill to meet City of Wichita Standards.

WATER LINE RELOCATIONS

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