

ARKANSAS AVENUE

LEFT TURN LANES AT 21ST and 25TH
STREETS NORTH.

GENERAL NOTES

Utility service lines, poles, valve boxes, meters, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The plan locations shown are not guaranteed. Additional existing utilities may also be encountered. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.

Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.

PROJECT No. 472-76-245-81837-000-000-001
INDEX No. 606129

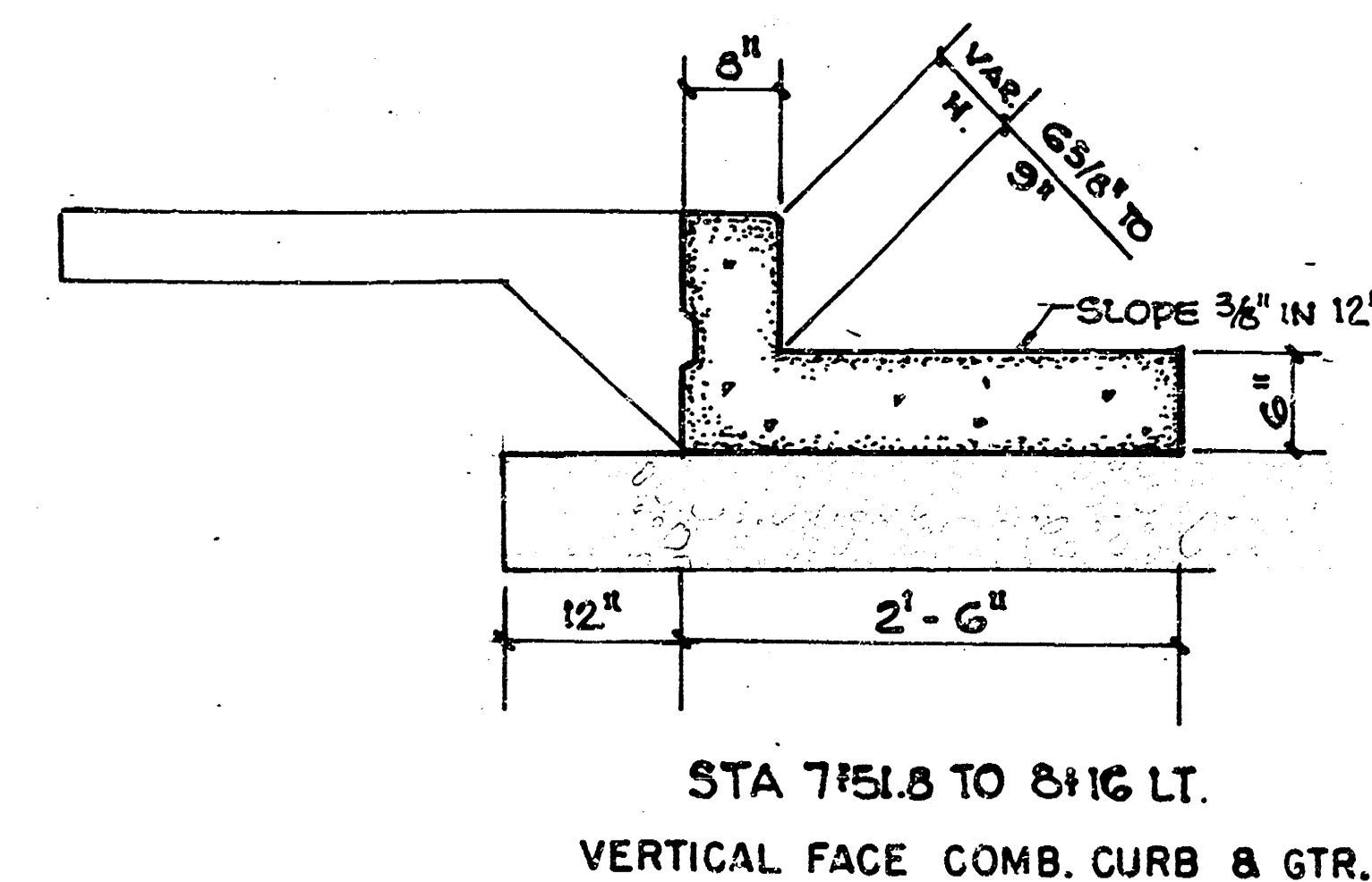
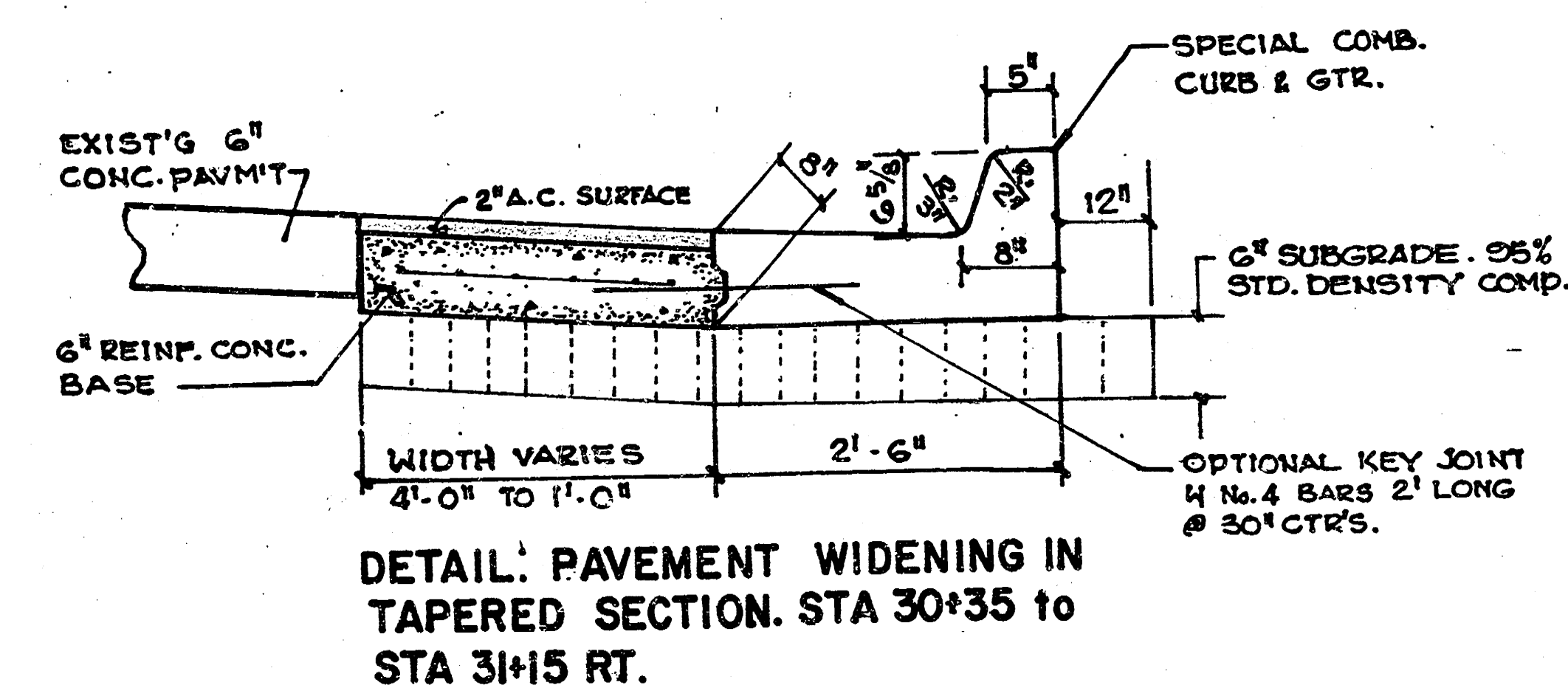
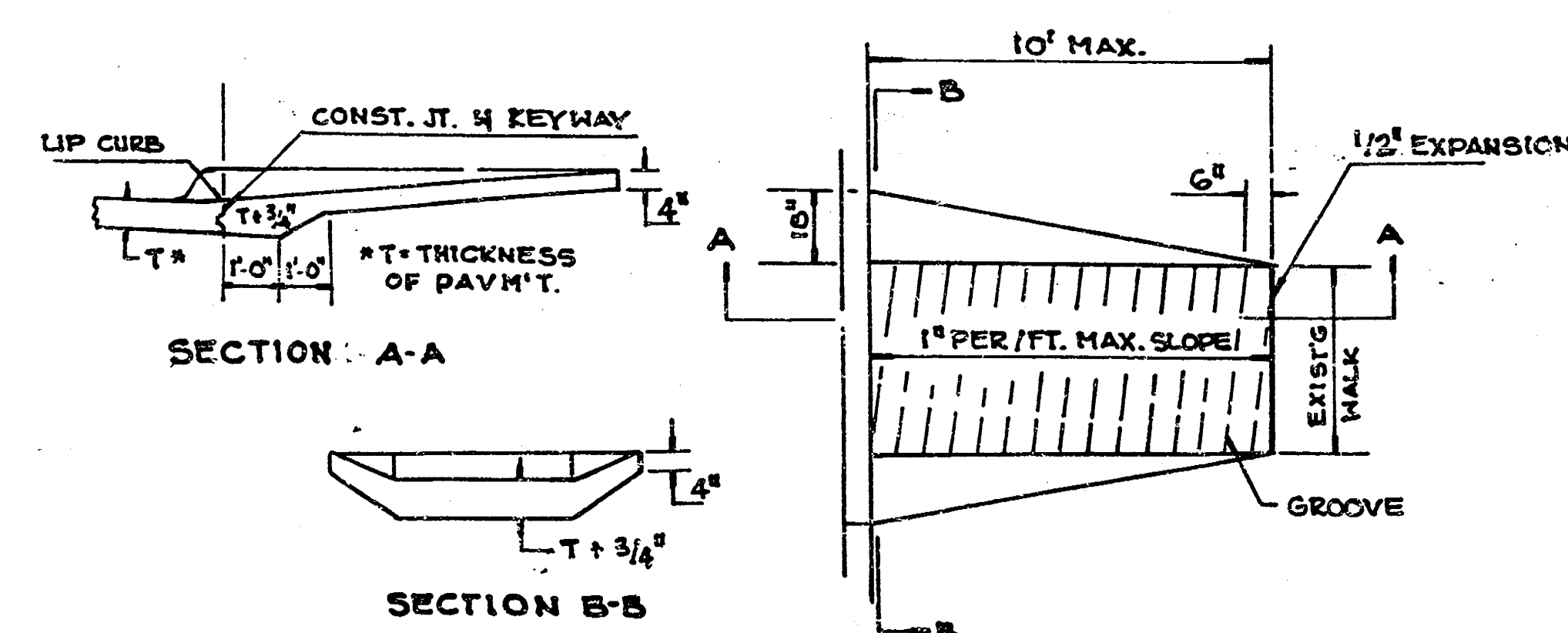
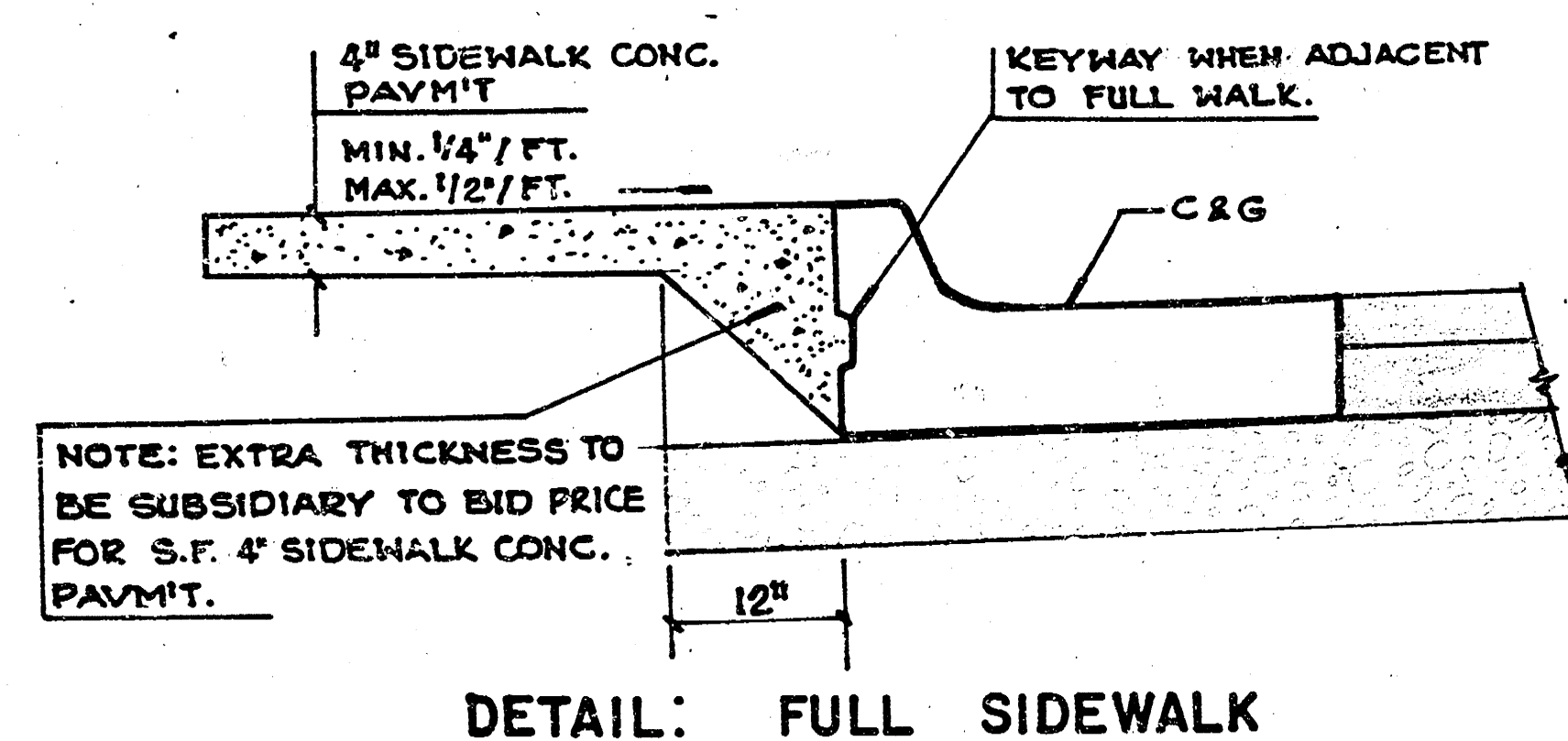
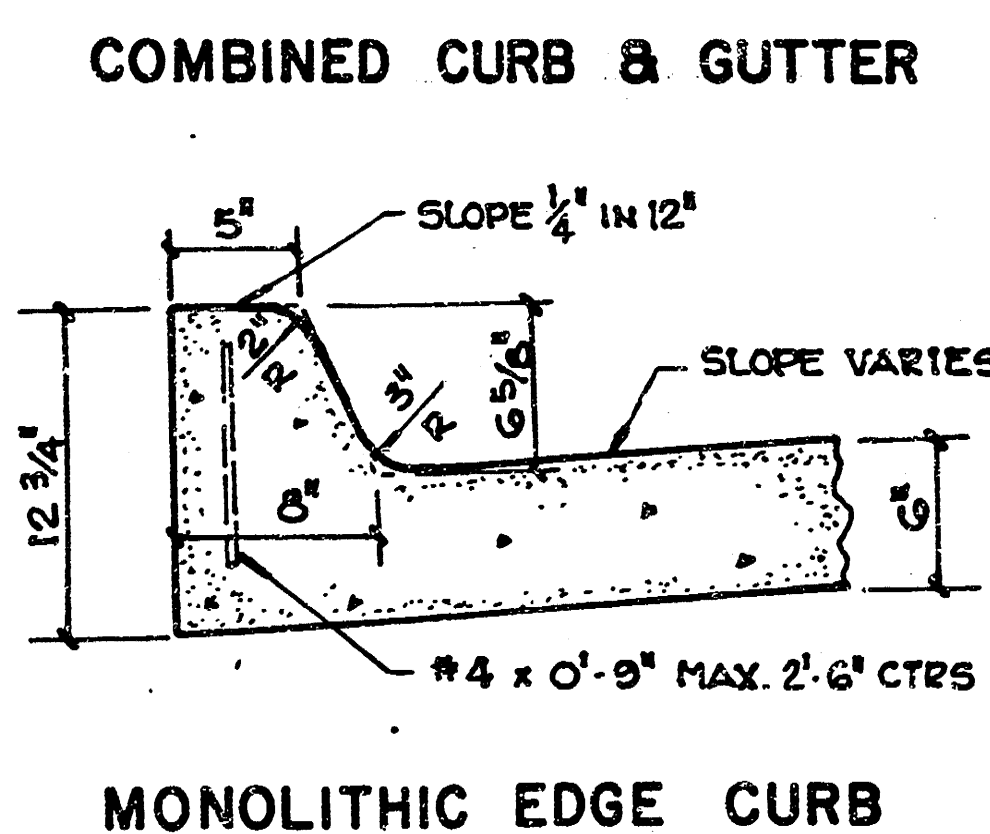
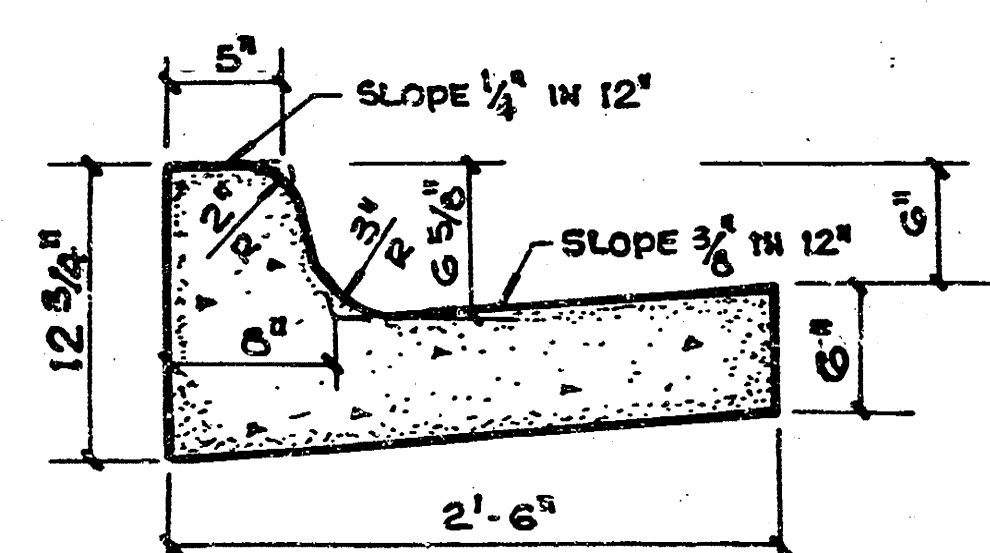
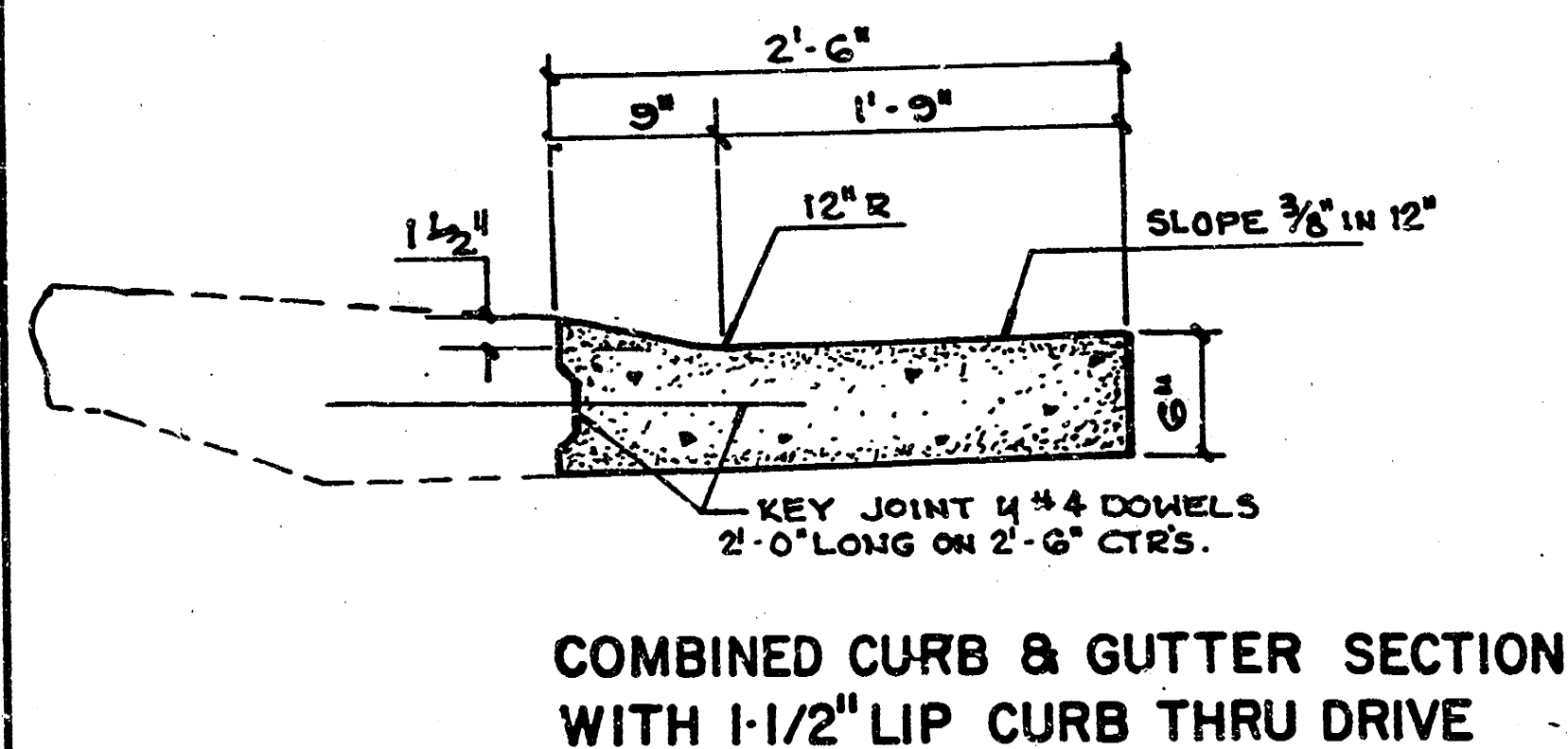
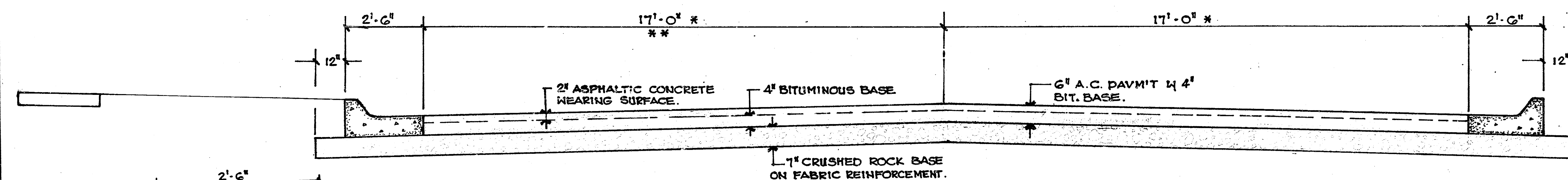
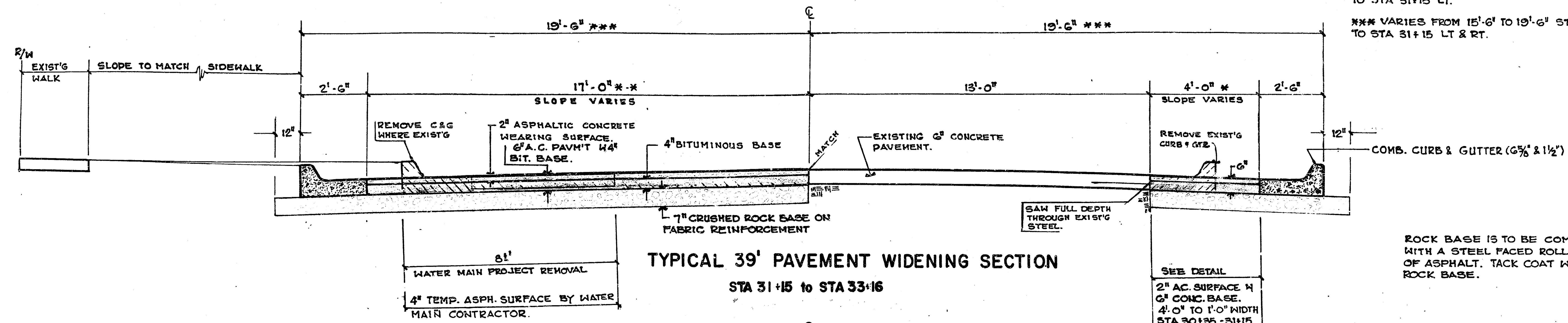
CITY OF WICHITA, KANSAS
M.E. LINDEBAK - CITY ENGINEER

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2	PAVEMENT WIDENING (TYP. SECTION)
3	PAVING PLAN 21ST & ARKANSAS
4	PAVING PLAN 25TH & ARKANSAS
5 & 6	CROSS SECTIONS (Information Only)
7	DETAIL STD. DRIVE ENTRANCES
8	INCIDENTAL DRAINAGE PLAN
9	STD. TYPE II CURB INLET
10	STD. SPECIAL SHALLOW TYPE "B" MANHOLE
11 & 12	MARKING PLAN (Information Only)

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* VARIES FROM 1'-0" TO 4'-0" STA 30+35
TO STA 31+15 RT.

** VARIES FROM 13'-0" TO 17'-0" STA 30+15
TO STA 31+15 LT.

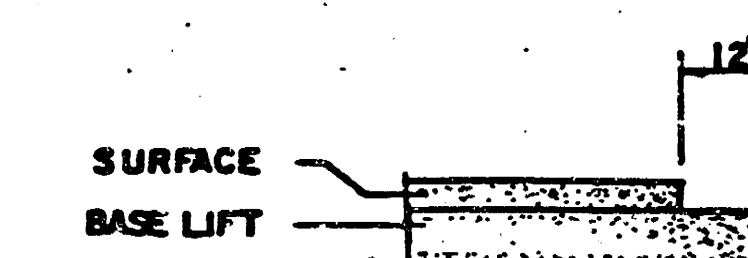
*** VARIES FROM 15'-6" TO 19'-6" STA 30+15
TO STA 31+15 LT & RT.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

* VARIES FROM 17'-0" TO 13'-0" STA 9+72 TO STA 10+72 LT & RT.
** VARIES FROM 22'-6" TO 17'-0" STA 7+51.8 TO STA 8+46 LT.

FABRIC BASE REINFORCEMENT SHALL BE 8 X 1100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1-1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A #20 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS (2" ASPHALTIC CONCRETE (4" BITUMINOUS BASE)).

GENERAL NOTES

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 6" ASPHALTIC CONCRETE (4" BITUMINOUS BASE).

A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

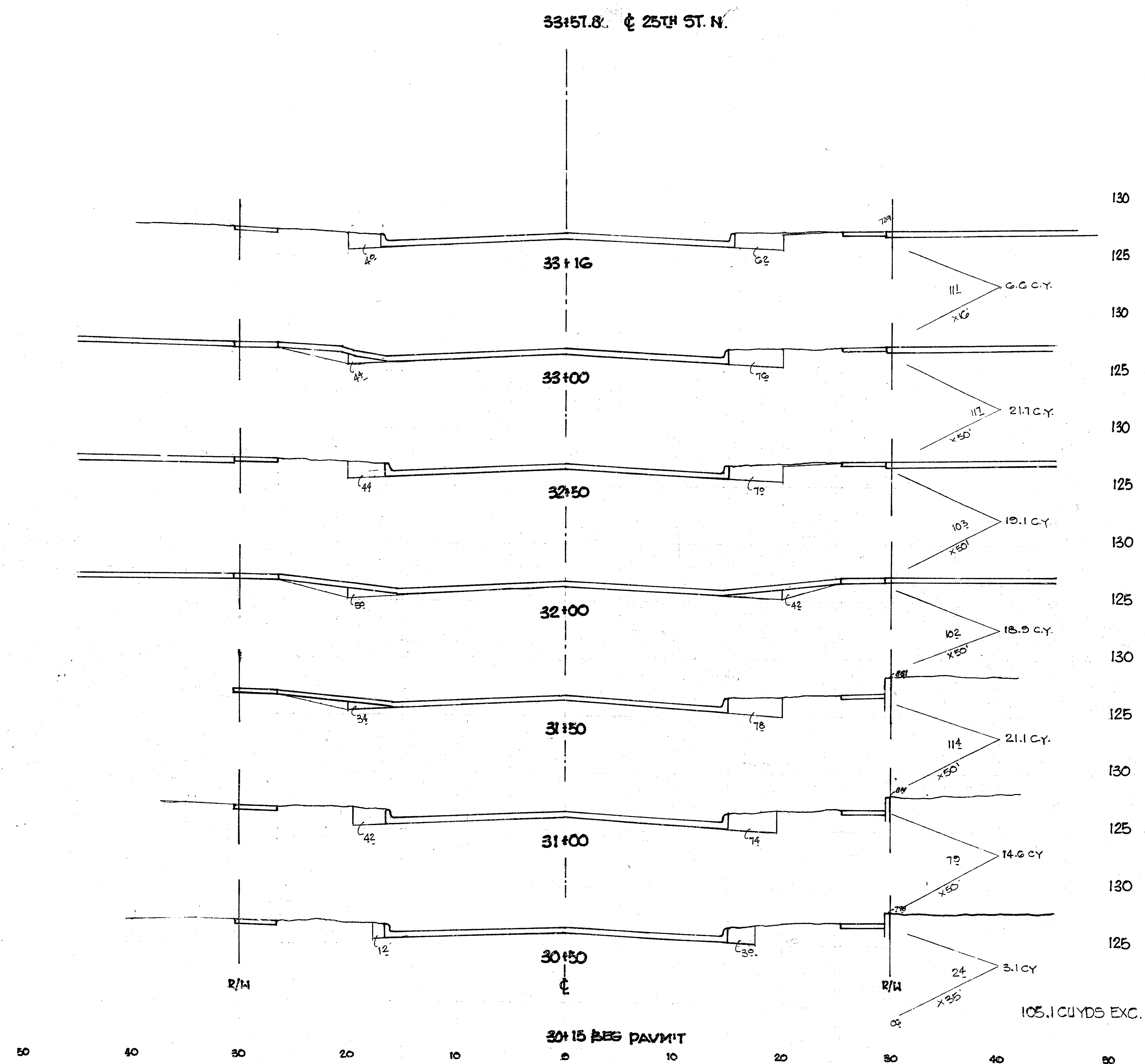
CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

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PROJECT DESCRIPTION
**ARKANSAS AVE LEFT TURN LANES AT
21ST and 25TH STREETS NORTH**

PROJECT NUMBER
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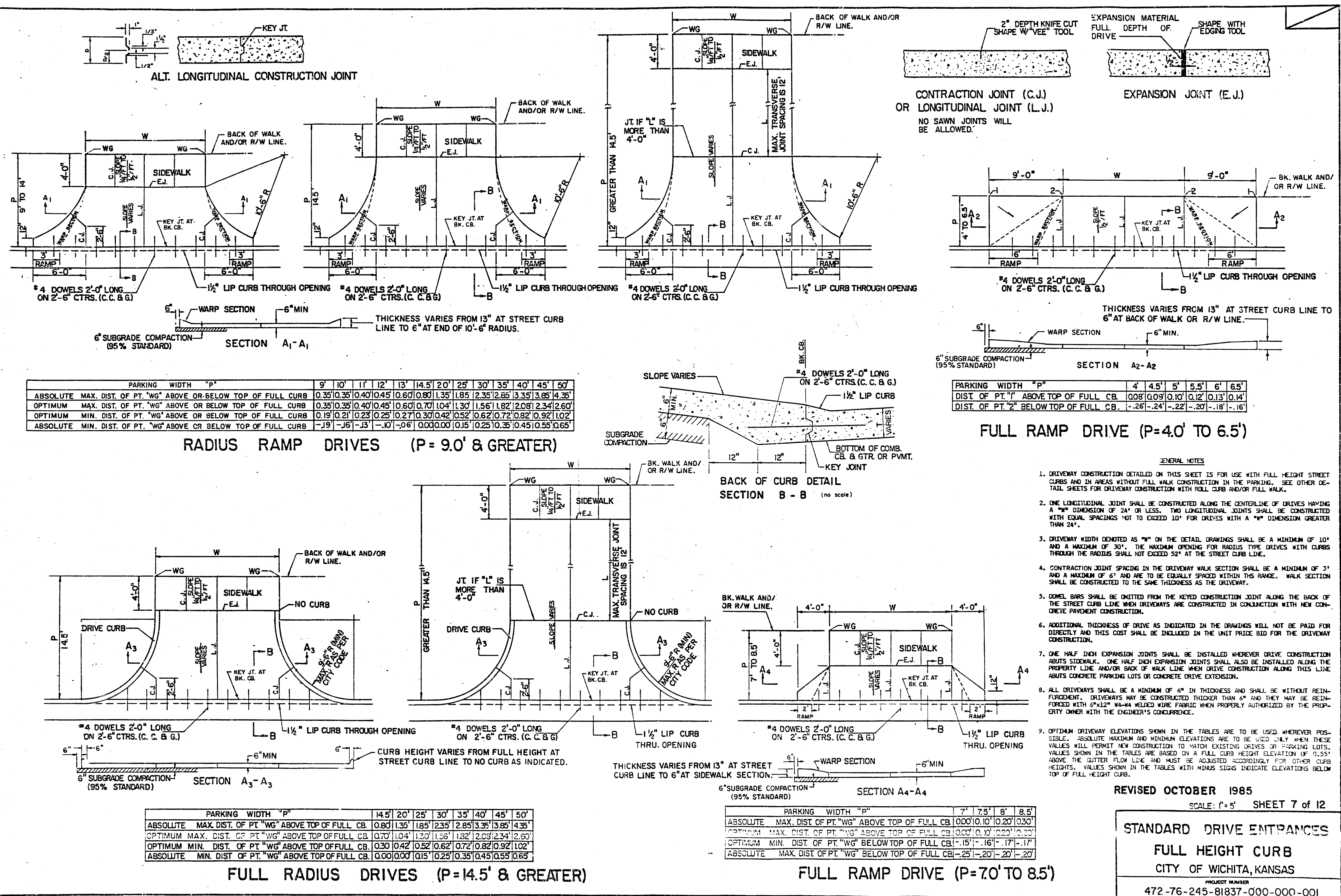
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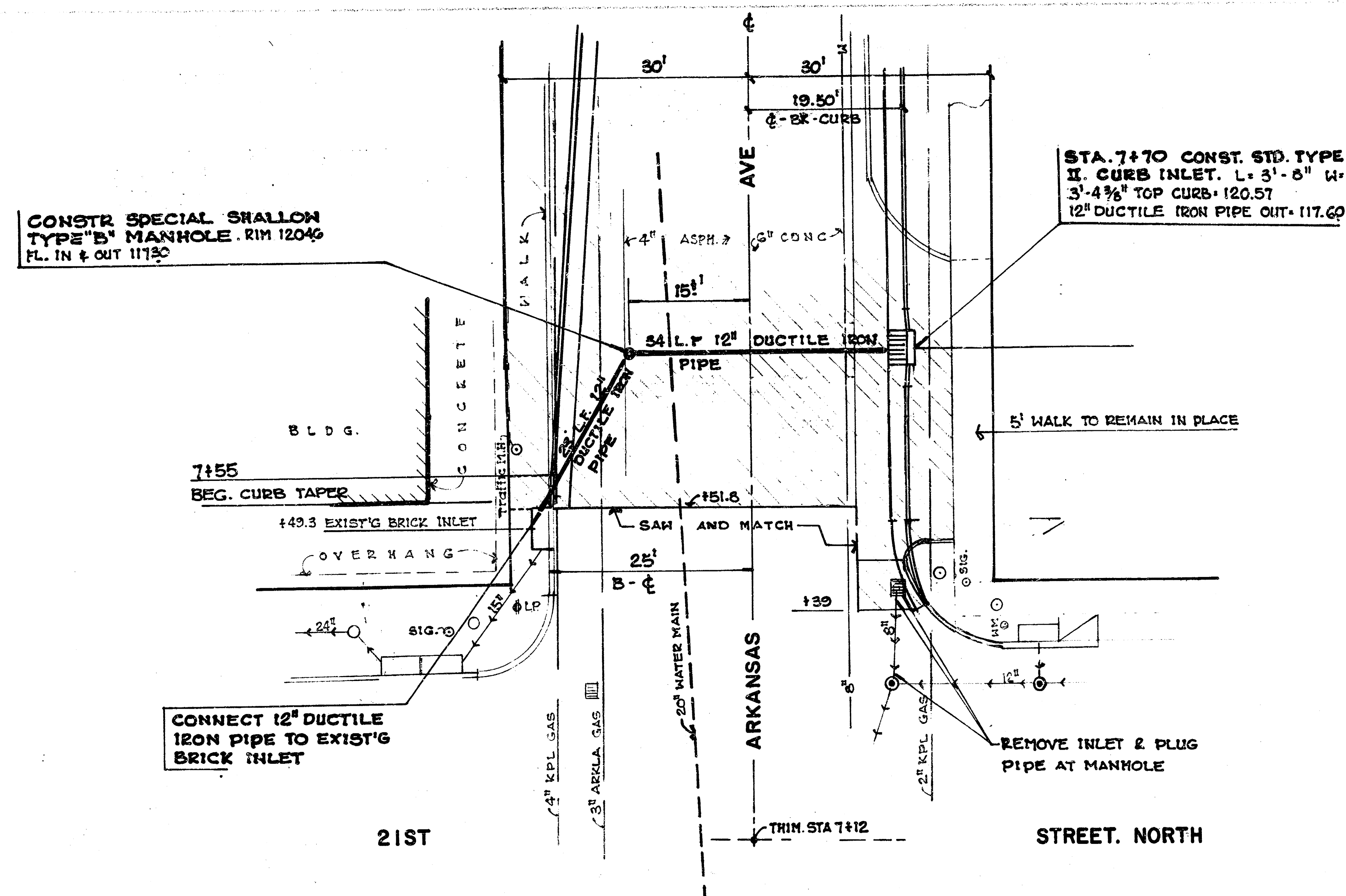
SHEET 6 of 12

ARKANSAS AVE
LT. TURN LANES AT
21ST & 25TH STS. N

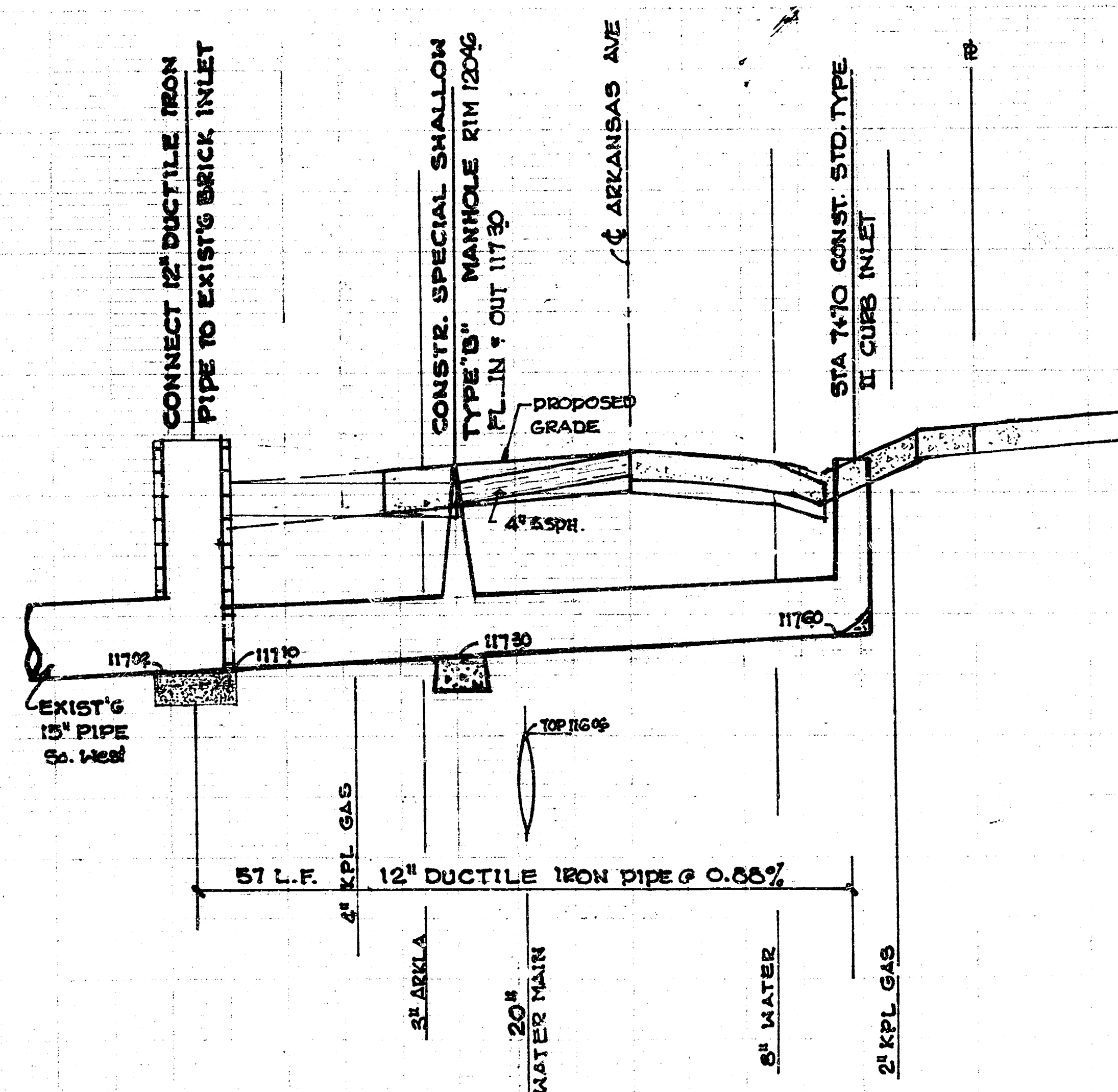
PROJ. NO. 472-76-245-81637-000-000-001

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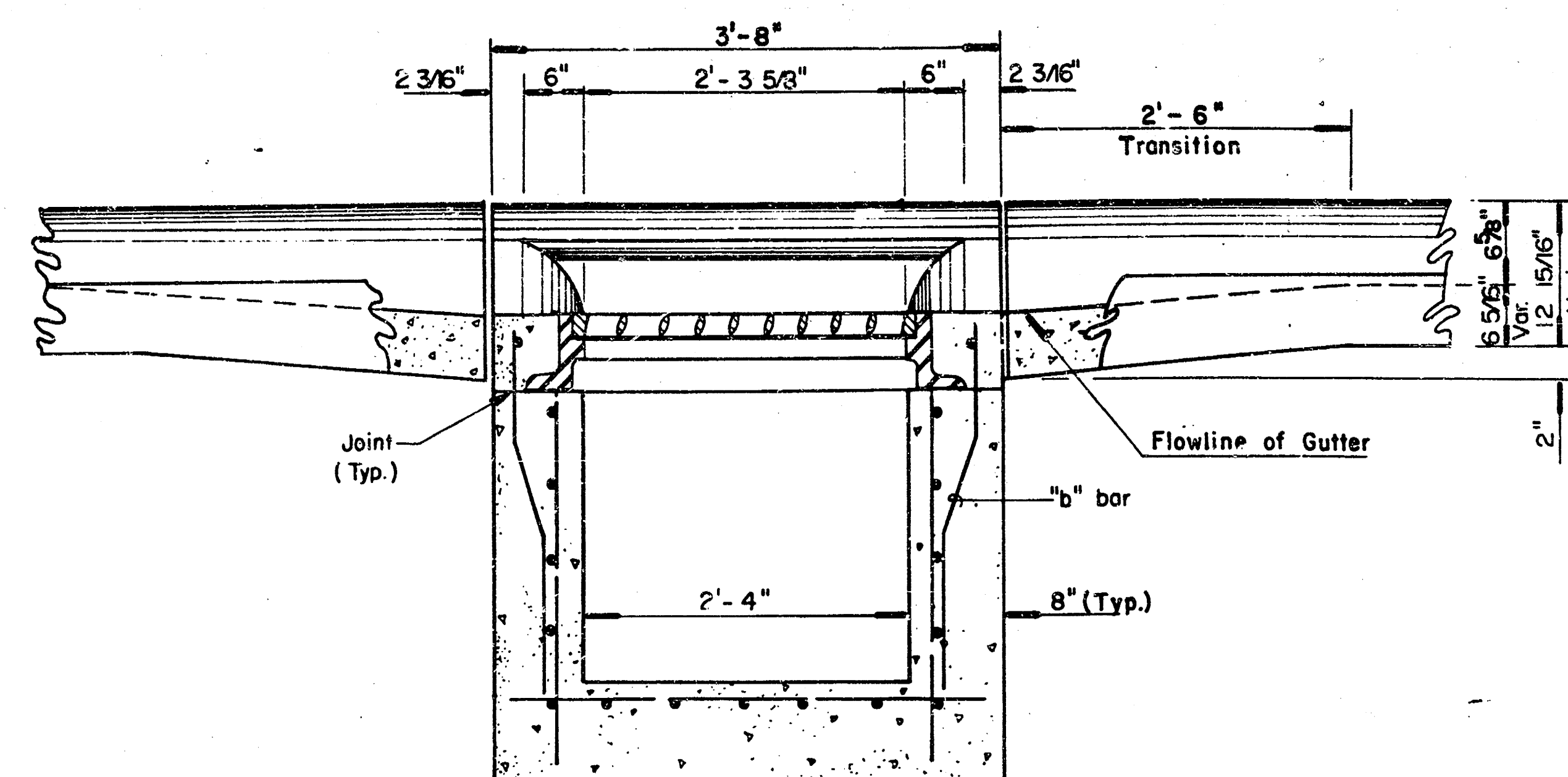
PLAN SCALE 1" = 10'
 PROFILE SCALE 1" = 10' HORIZ.
 " " 1" = 1' VERT.



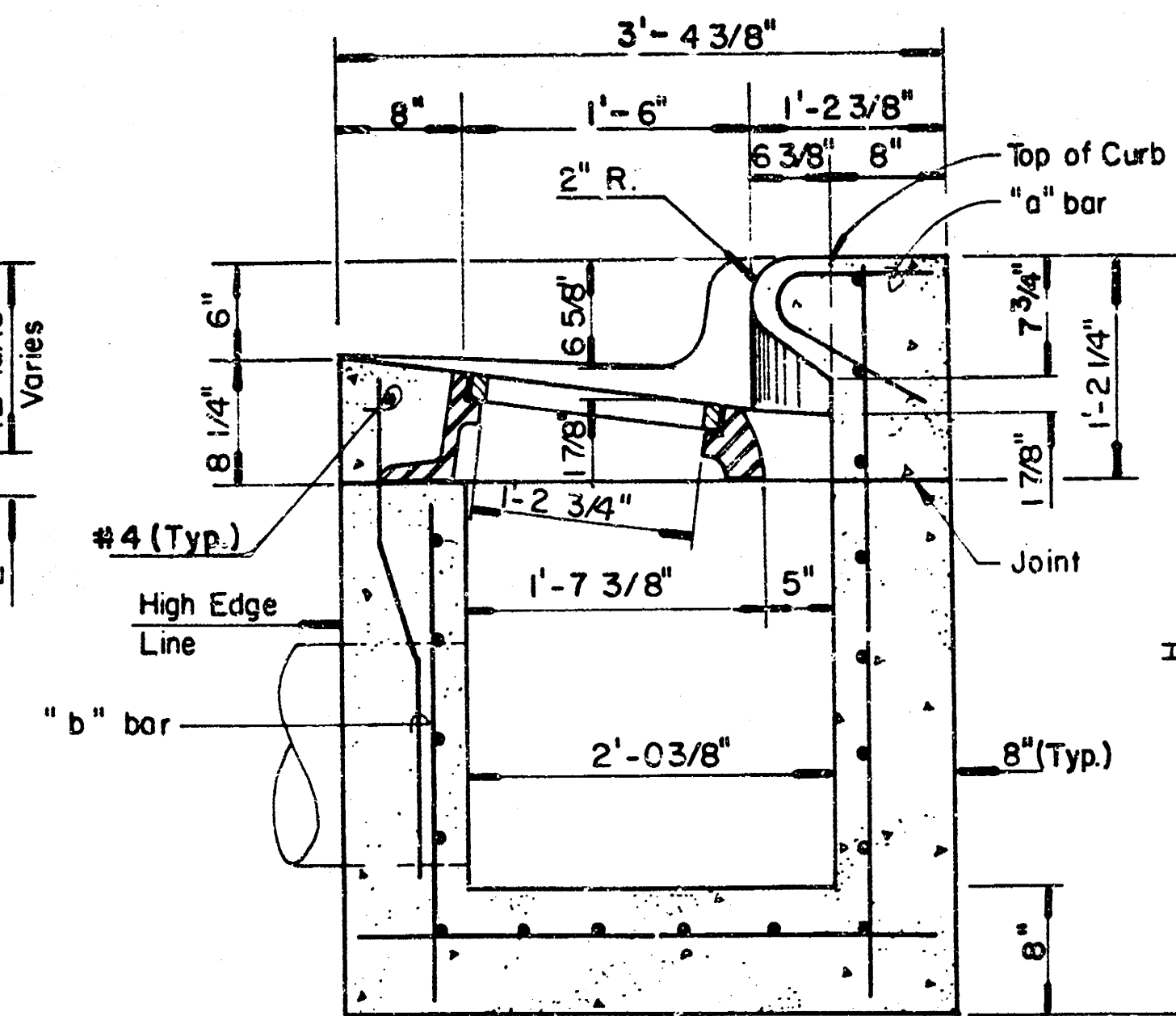
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PROJ. NO. 472-76-245-81837-000-000-001

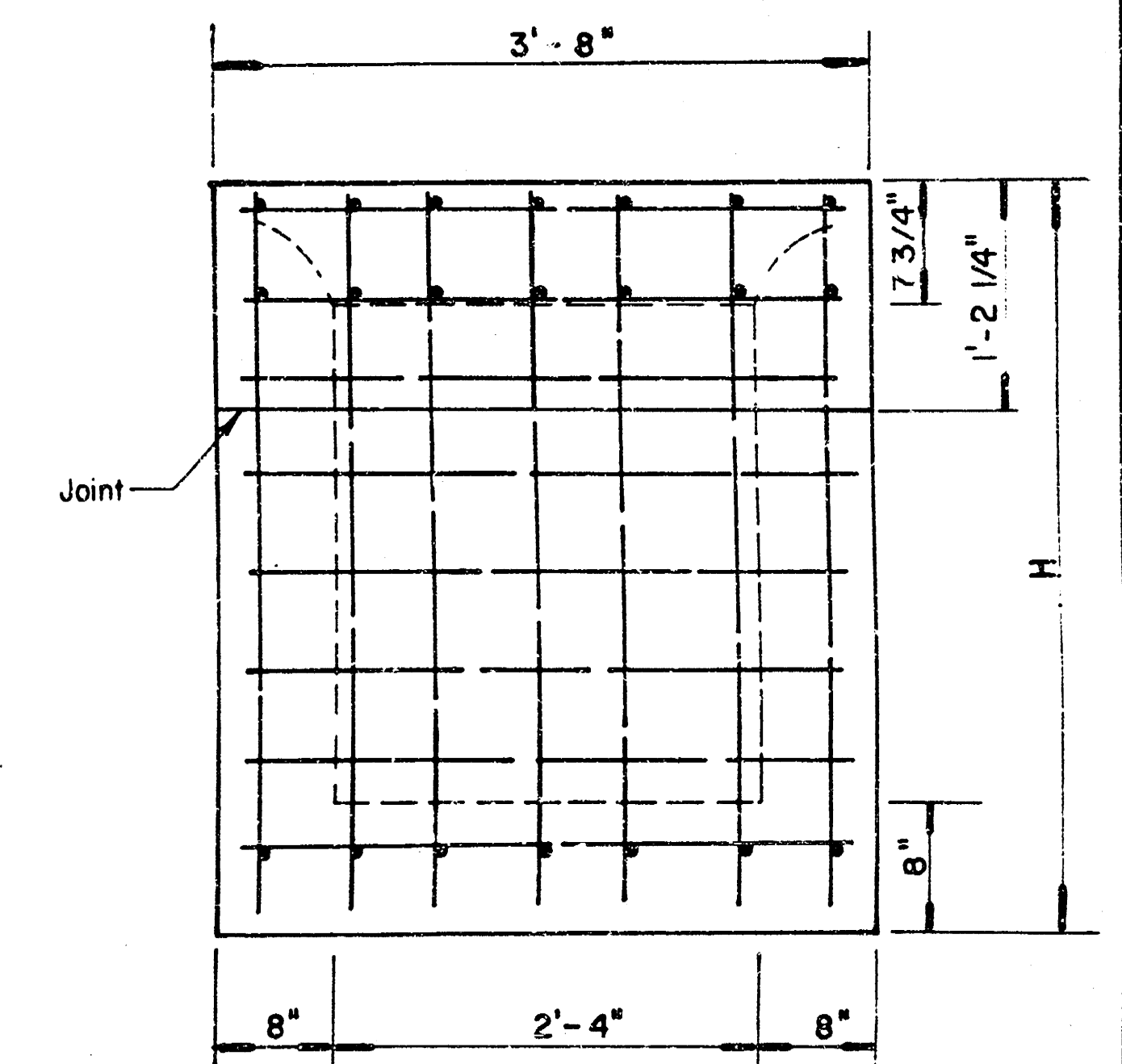
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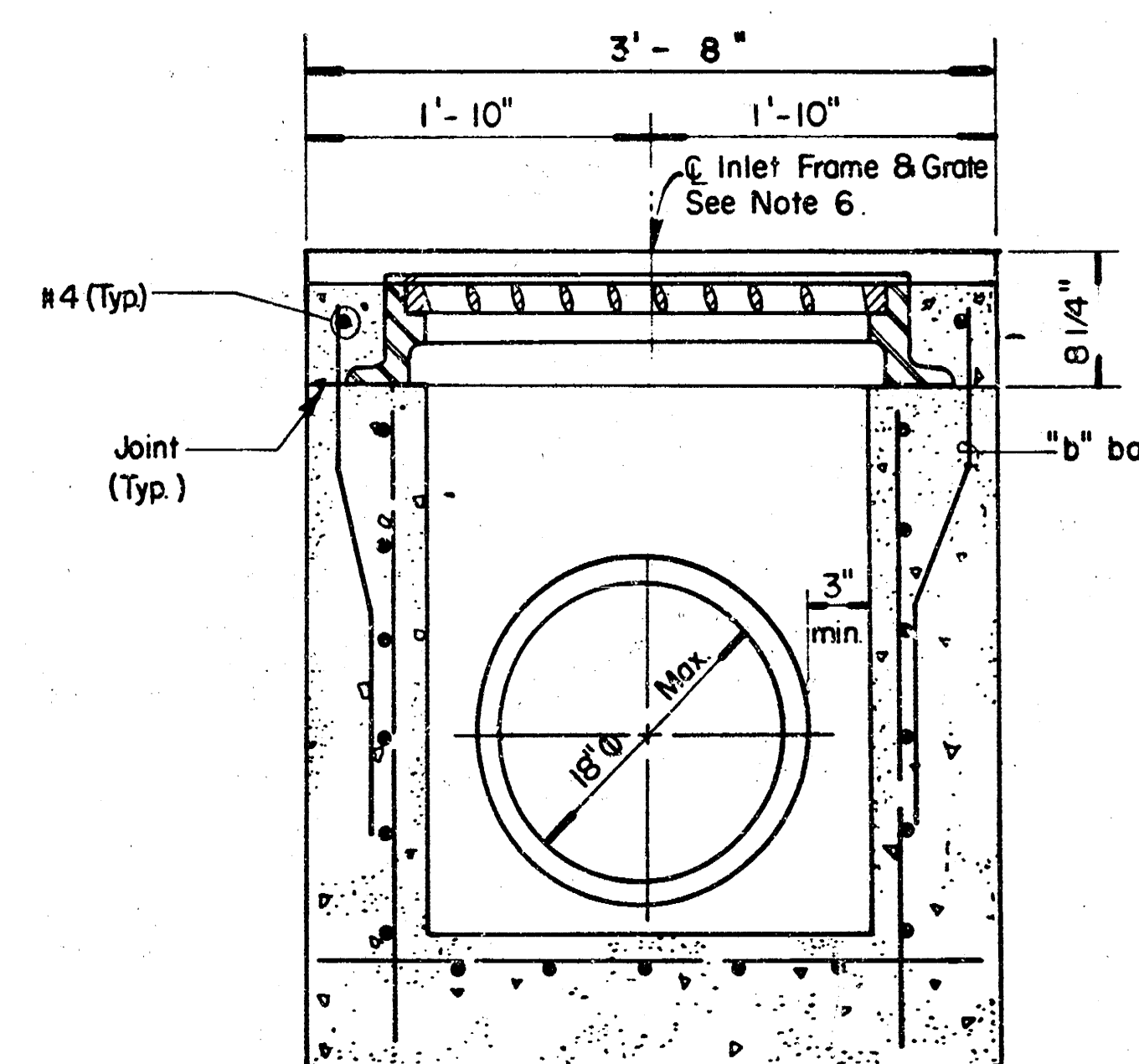
SECTION C-C



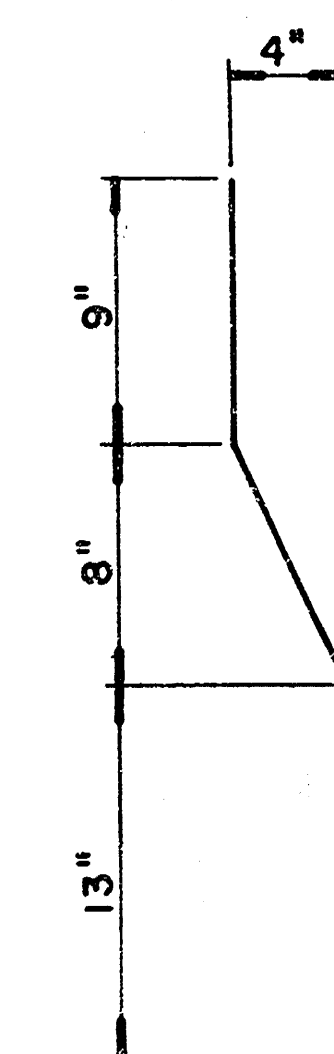
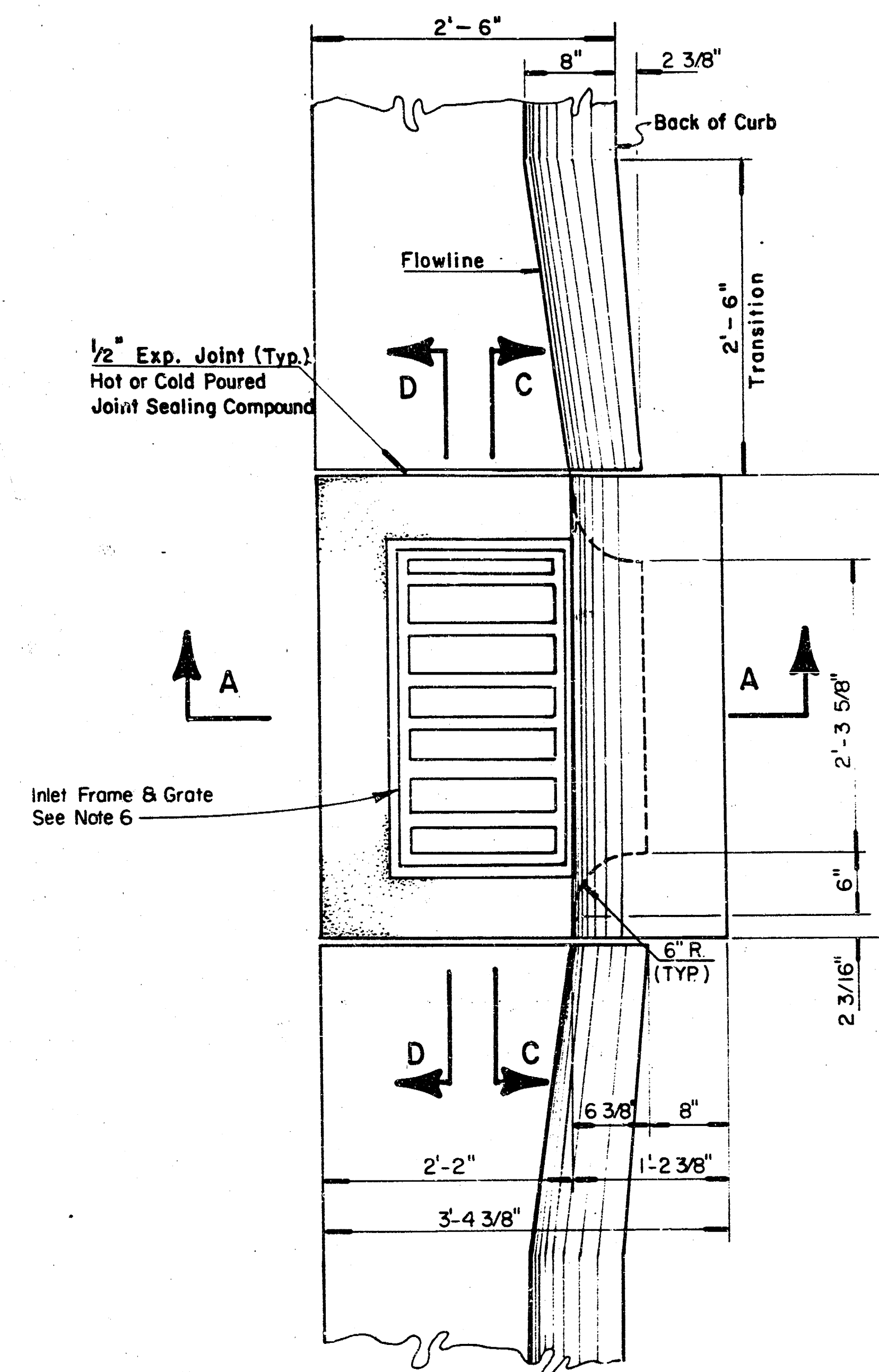
SECTION A-A



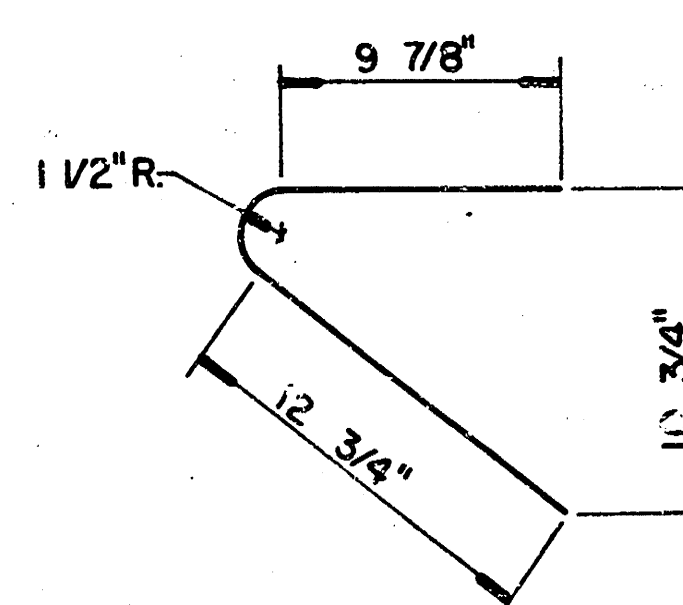
REAR WALL



SECTION D-D



"b" bar



"a" bar

BENDING DIAGRAM

GENERAL NOTES:

1. Use the concrete mix specified for the City of Wichita concrete pavement throughout. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be bent around pipe.
2. Inlet invert shall be shaped with 8 sack mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
3. All bars are #4 with 6" spacing and shall have a minimum clearance of 1 1/2 inches unless otherwise noted on the plans.
4. When directed by the Engineer, a small opening may be required in the back of the inlet in order to drain a low area. Reinforcing bars will extend through the openings. No deductions in concrete quantities will be made for these openings.
5. No deductions will be made in pay length of curb, gutter, or curb and gutter through the inlet area.
6. Use Neenah R-3289 HV Single Inlet Frame and Grate or approved equal. Inlet frame to be proof load tested to 40,000 lbs on unsupported side.
7. Reinforcing bars shall be cut or bent around pipes. No deduction in concrete quantities shall be made for pipe openings.
8. The vanes of the grate shall be oriented with respect to the flow arrows shown on the plans.

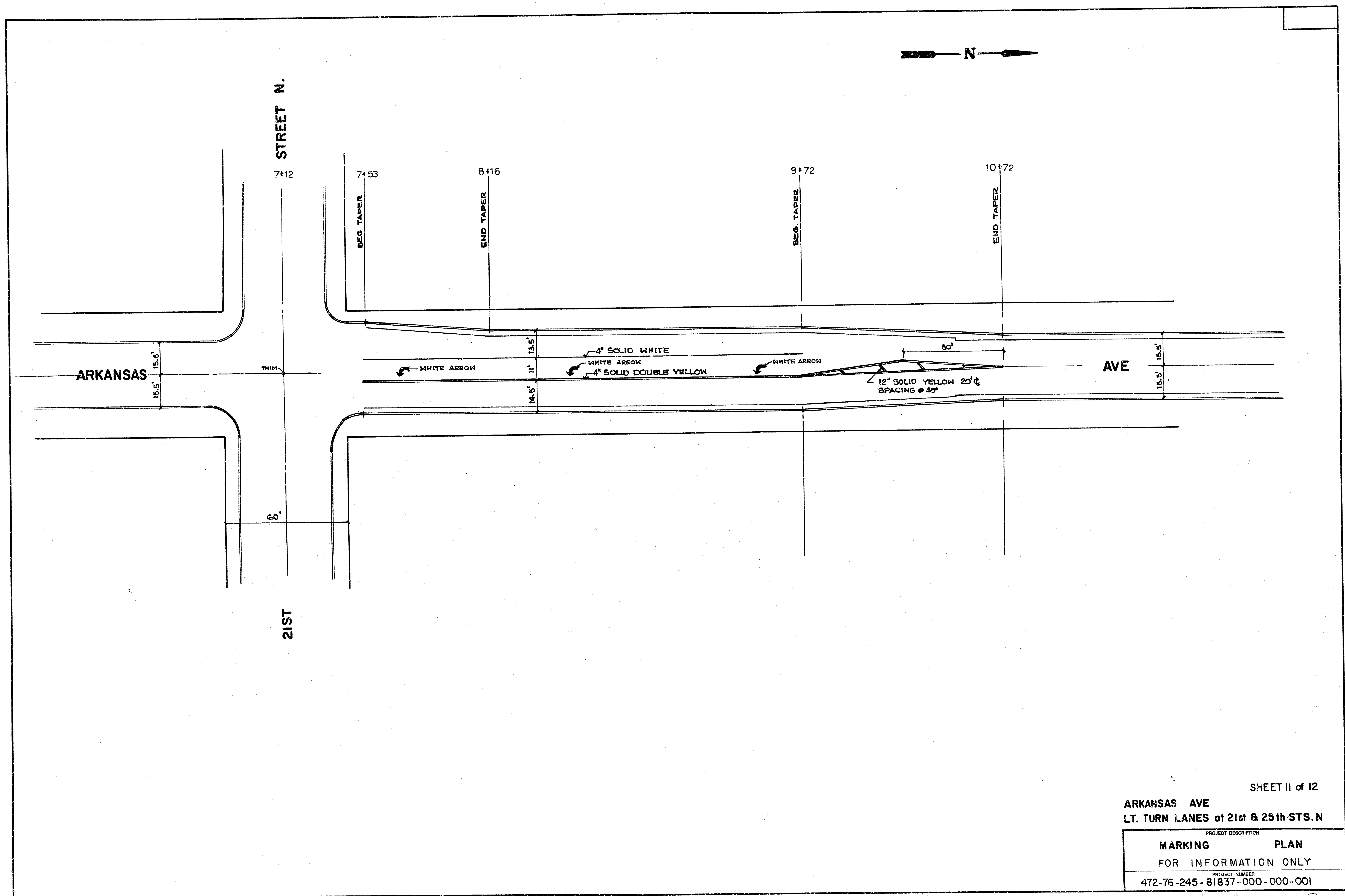
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472 -76 -245 - 81837-000-000-001

DETAIL STANDARD TYPE II CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6"x2'-3 5/8"

JANUARY, 1987

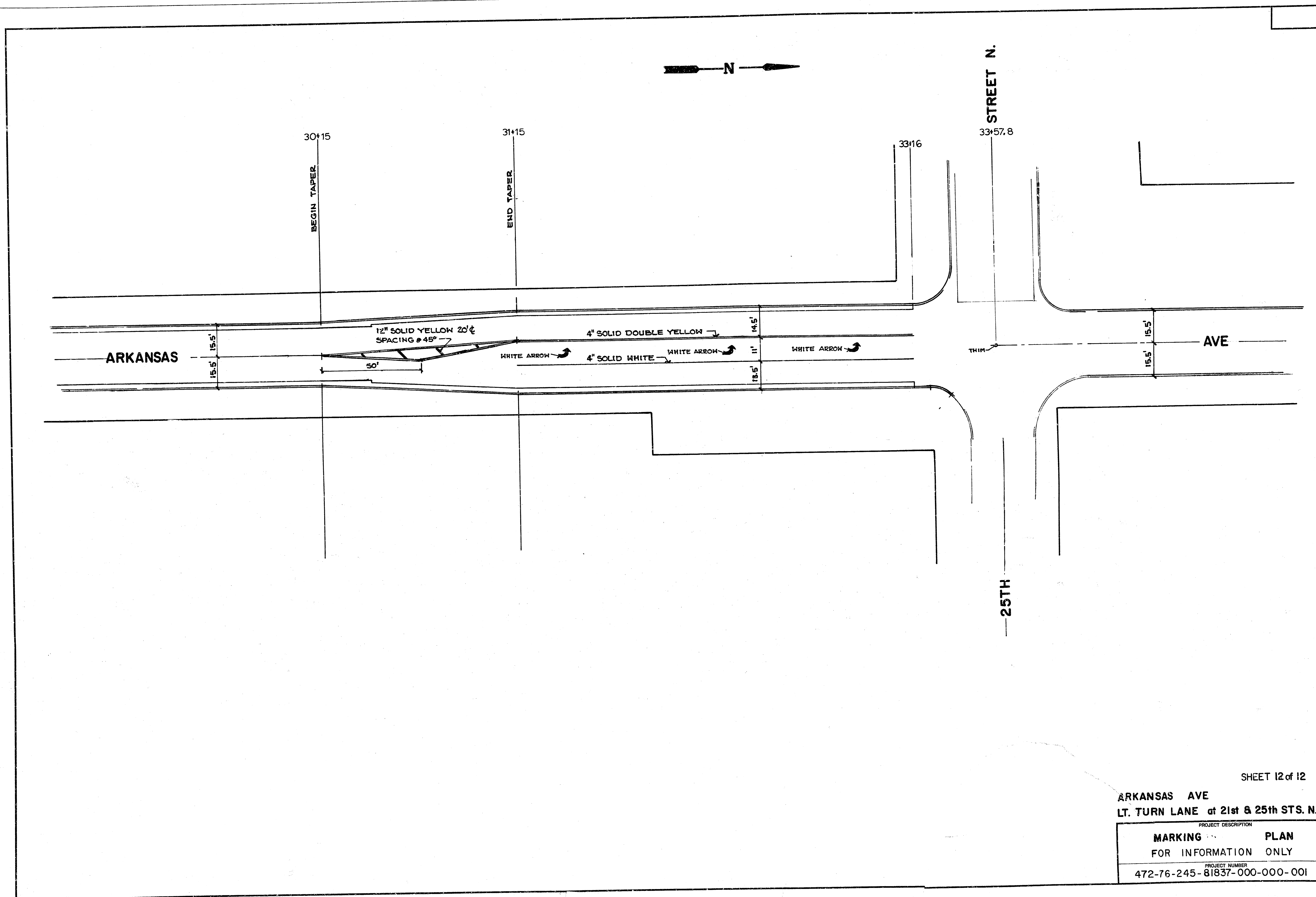
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SHEET 11 of 12
 ARKANSAS AVE
 LT. TURN LANES at 21st & 25th STS. N

PROJECT DESCRIPTION	
MARKING	PLAN
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SHEET 12 of 12

ARKANSAS AVE
LT. TURN LANE at 21st & 25th STS. N.

MARKING	PLAN
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