

PAVING PLANS FOR EBERSOLE ADDITION PROJECT NO. 472-82496

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER

INDEX CODE 762906

GENERAL NOTES

- UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA CONCRETE PAVEMENT AND ASPHALTIC CONCRETE PAVEMENT SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAL FEET COMBINED CURB AND GUTTER (3 5/8" ROLL).
- EXISTING UTILITIES AND THEIR LOCATIONS, 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.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL 1-800-344-7233
OR 687-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY 1-571-2115
CABLEVISION 262-0661
K&M (GAS DIST) 832-0012
K&M (ELECTRIC) 264-1141
CITY OF WICHITA WATER & SEWER DEPT. 268-4908
ARKLA GAS COMPANY 942-8350 OR 265-6161

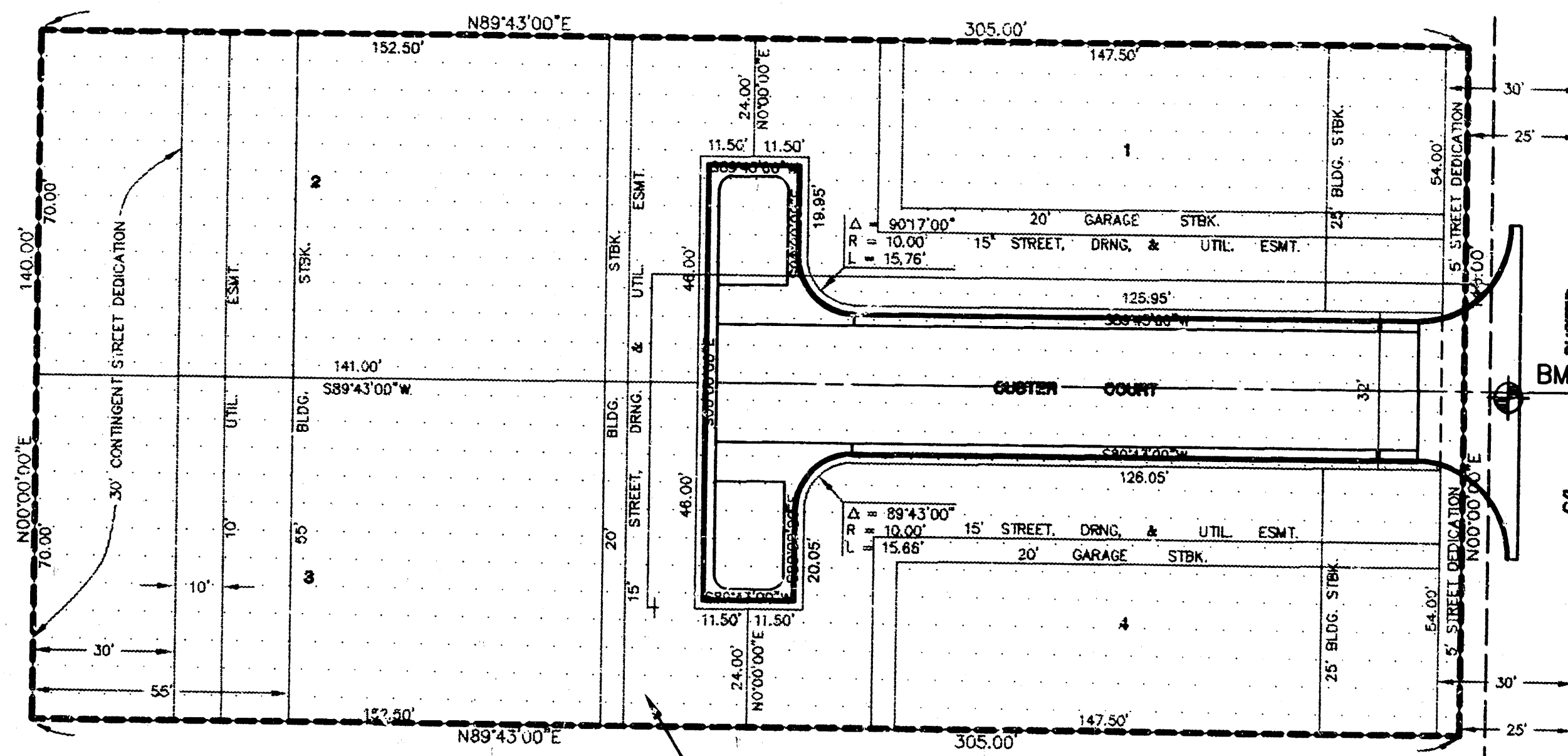
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FILL PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

- THIS PROJECT INCLUDES A CERTAIN AMOUNT OF ROLL TYPE CURB CONSTRUCTION. ROLL CURBS SHALL BE DEPRESSED THROUGH ALL DRIVEWAY OPENINGS WHEN SUCH DRIVES ARE CONSTRUCTED AS A PART OF THE PROJECT. NO MORE THAN 2 DRIVES 20 FEET IN WIDTH OR EQUIVALENT COMBINATIONS THEREOF ARE TO BE CONSTRUCTED WITH THIS PROJECT.

- A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF THE 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 OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAW 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 SURFACE OR PAVEMENT.

- ALL LAWN/TURF AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS/SOD AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION, SEEDING, MULCH, AND/OR RESEEDING. ALL SEEDING/SODDING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. 878 WHICH GOVERNS CLEAN-UP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "SITE RESTORATION".

LENGTH OF PROJECT	
29' BK-BK	150.23 FT.
EARTHWORK SUMMARY	
EXCAVATION	430.4 C.Y.
LOOSE FILL	16.5 C.Y.
MANIPULATION	0.0 C.Y.
BORROW	0.0 C.Y.



BENEFIT DISTRICT

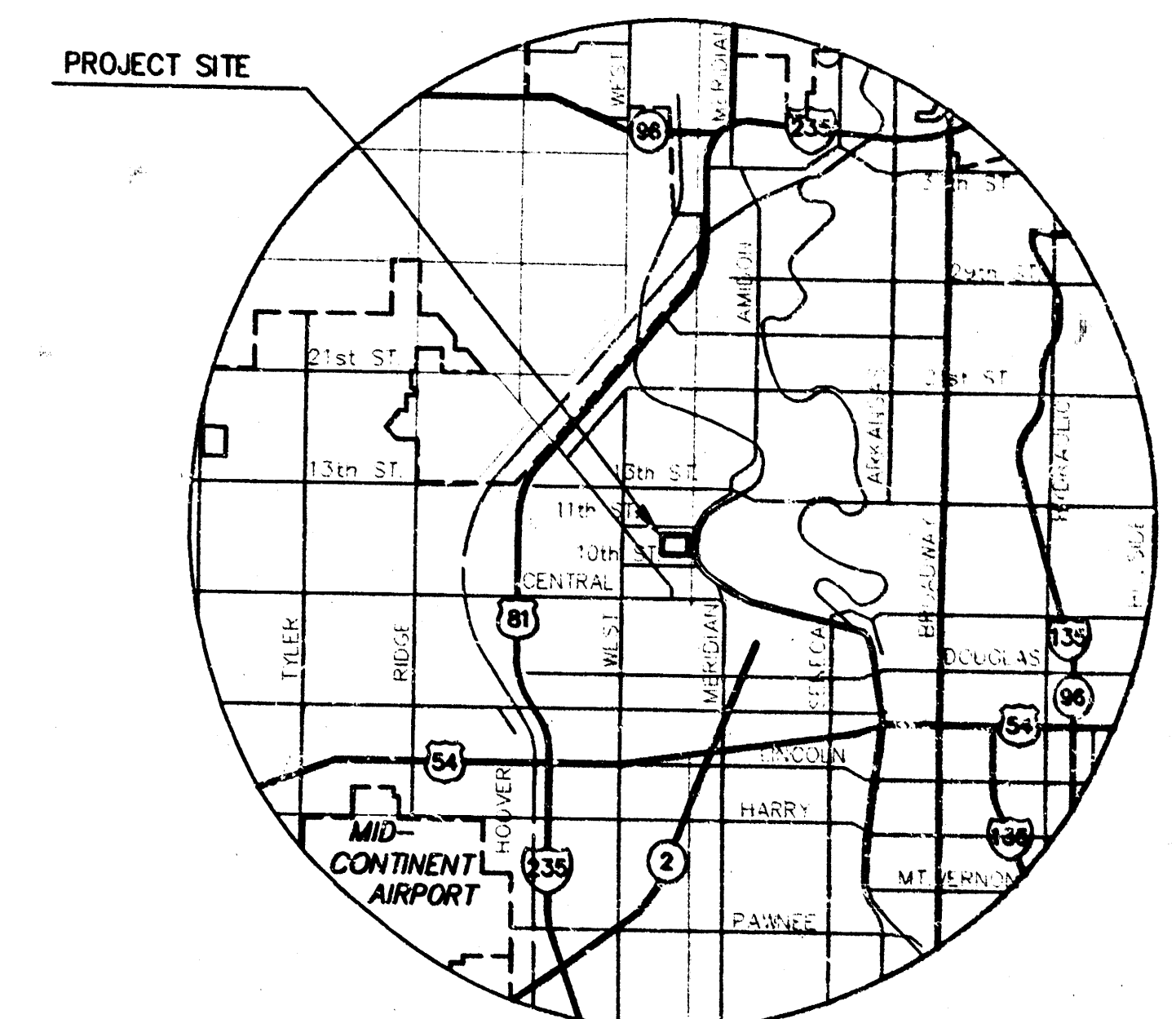
BM#1

BM#2

BM#3

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	PAVING DETAILS
4	SIGN DETAILS
5	PAVING PLANS
6-7	PAVING CROSS SECTIONS
8	FINAL PLAT



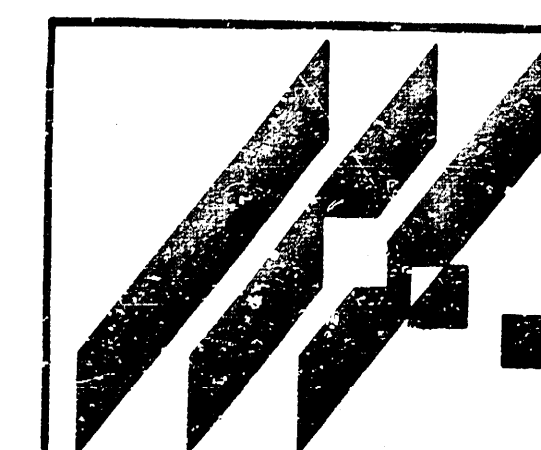
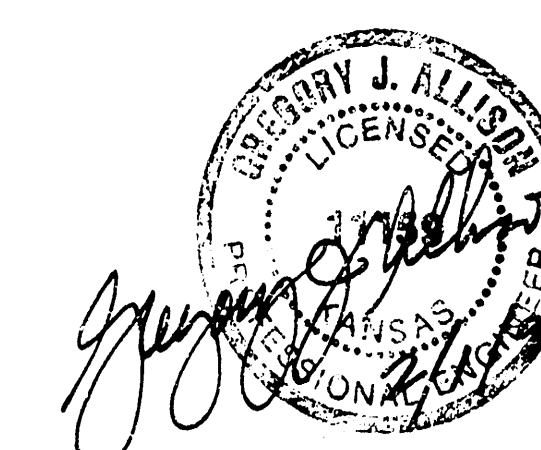
LOCATION MAP

BENCHMARKS

- BM #1 SQUARE CUT ON TOP OF CURB AT THE NORTH END OF THE NORTHWEST RETURN AT 11TH STREET & CUSTER. ELEV. = 120.60
- BM #2 SQUARE CUT ON TOP OF WEST CURB OF CUSTER 230 FEET SOUTH OF CL. OF 11TH STREET. ELEV. = 120.10
- BM #3 SQUARE CUT ON TOP OF WEST CURB OF CUSTER BETWEEN LOTS 62 & 63, VALLEY ACRES. ELEV. = 120.06

SCALE: 1" = 30'

LEGEND



EBERSOLE ADDITION
PROJECT NAME

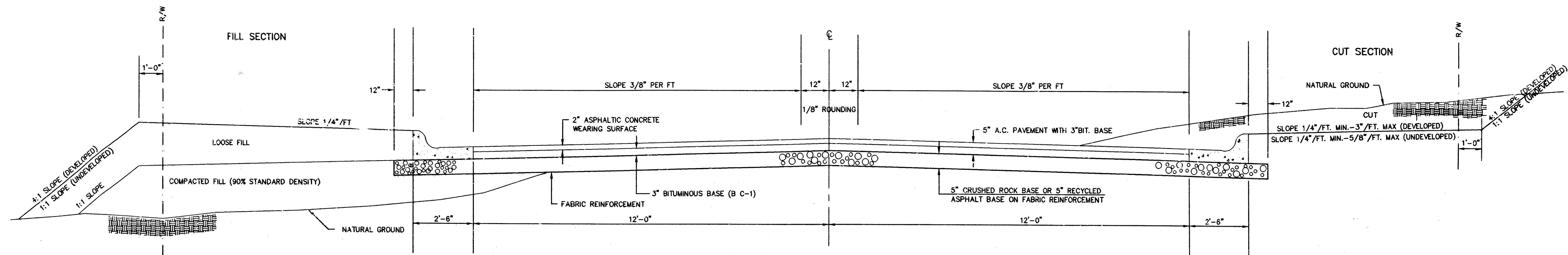
PAVING PLANS
SHEET TITLE

MID-KANSAS ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

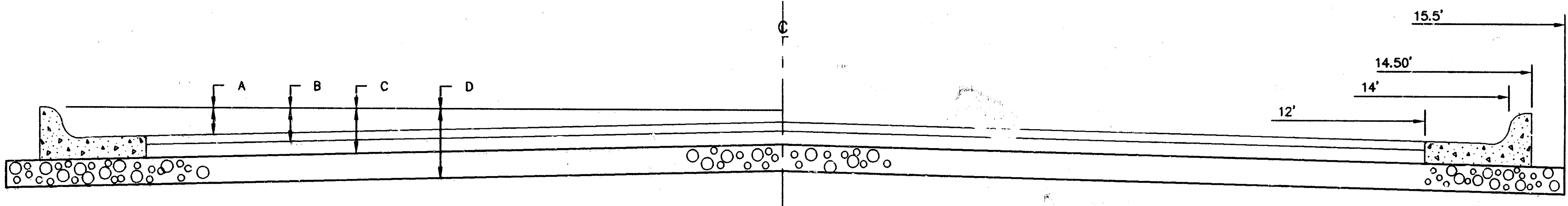
G.J.A. DESIGN BY: B.D.M./W.N.J. DRAWN BY: G.J.A. CHECKED BY:
12/16/94 DATE: 94C38-ET JOB NO.: 1 / 8 SHEET/OT

TYPICAL 29' PAVEMENT DETAILS

TRANSVERSE SECTION



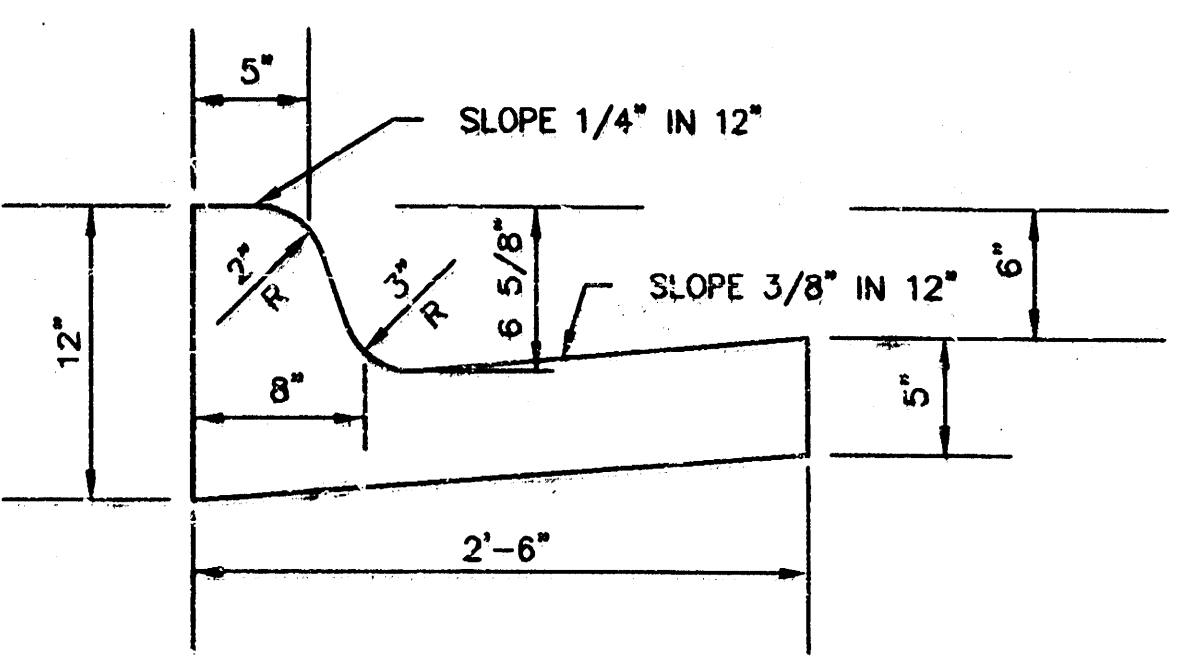
ELEVATION OFFSETS



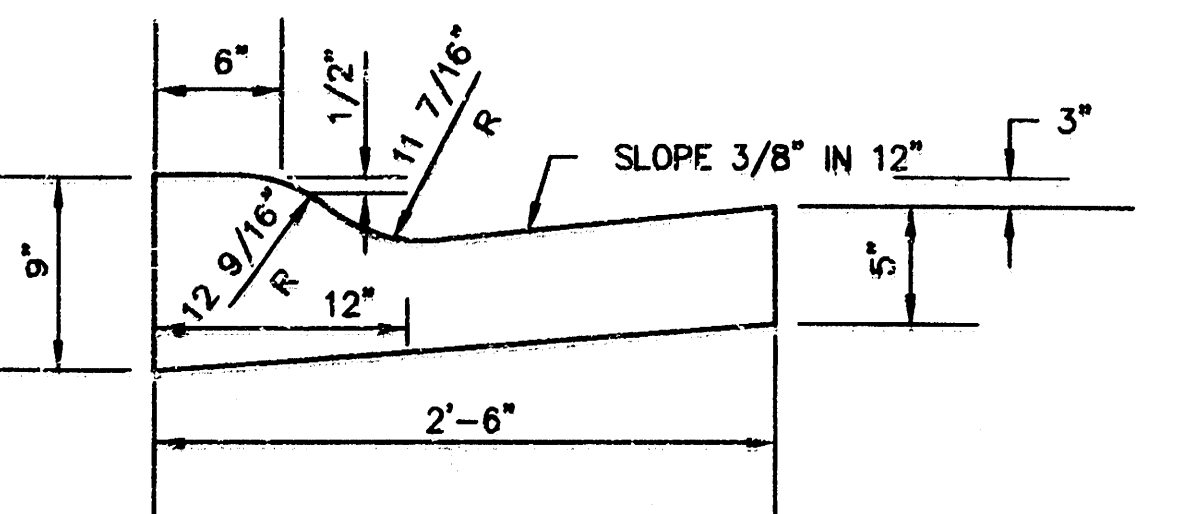
	DISTANCE FROM CENTERLINE (LT. & RT.)										
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	15.5'
A: TOP OF STD. CURBS TO TOP OF SURFACE LIFT	.13	.18	.24	.30	.33	.36	.43	.49	---	---	---
B: TOP OF STD. CURBS TO TOP OF UPPER BASE LIFT	.30	.35	.41	.47	.50	.53	.60	.66	---	---	---
C: TOP OF STD. CURBS TO TOP OF LOWER BASE LIFT	.47	.52	.60	.68	.71	.75	.83	.90	0.98	1.00	1.04
D: TOP OF STD. CURBS TO TOP OF SUBGRADE											

FABRIC BASE REINFORCEMENT SHALL BE 8x100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1-1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A No. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

COMBINED CURB & GUTTER



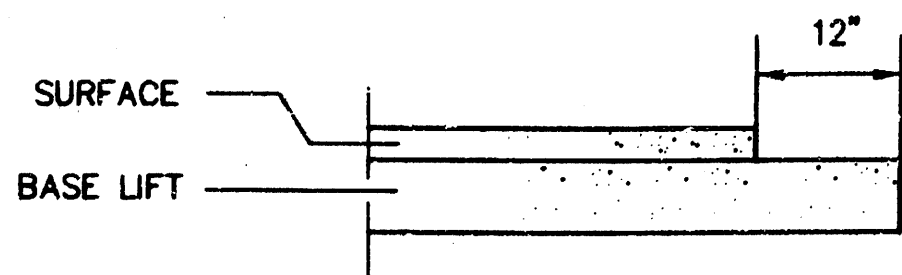
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

- 1) 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.
- 2) 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.
- 3) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 4) 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.

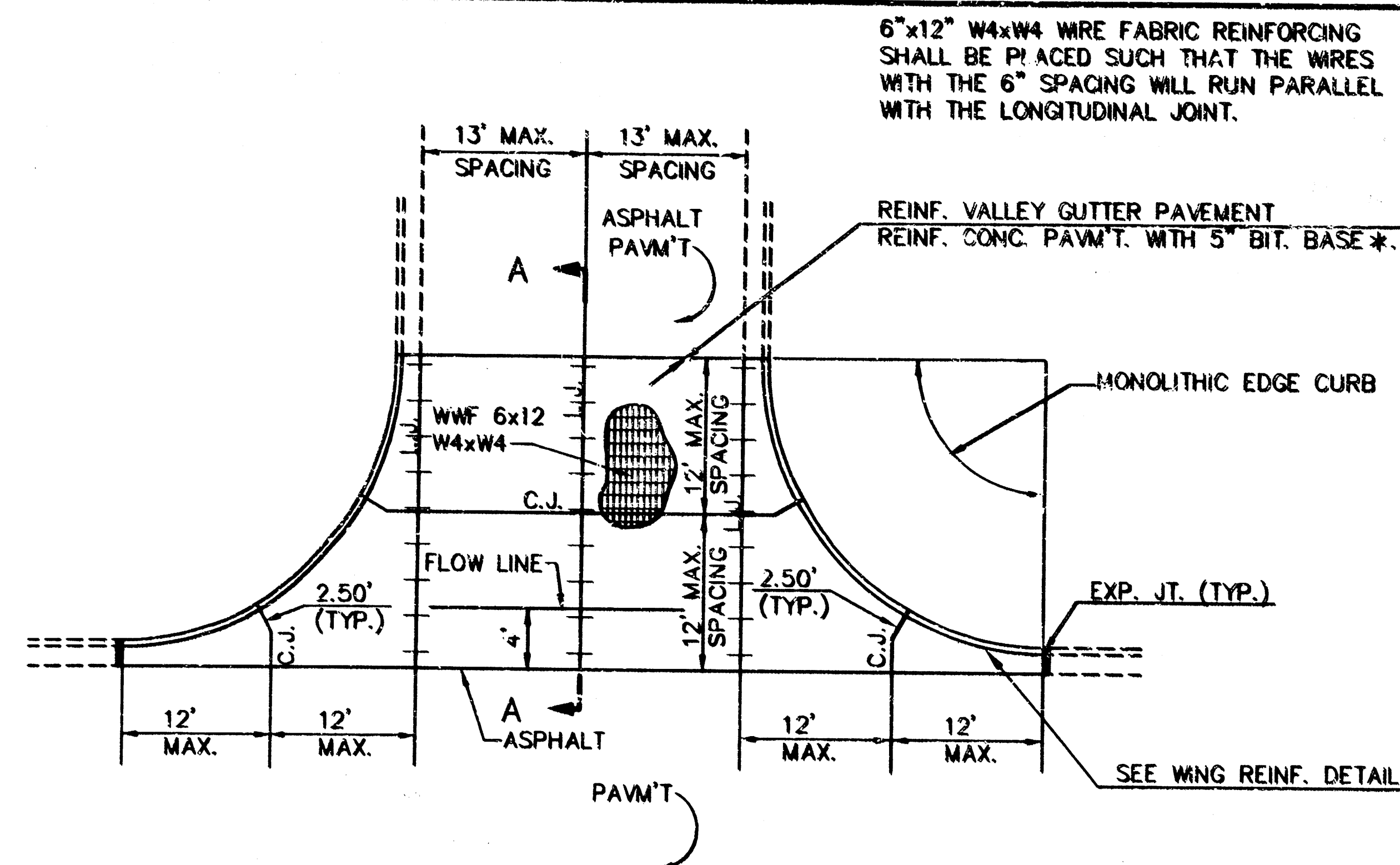
TRANSVERSE CONSTRUCTION JOINTS



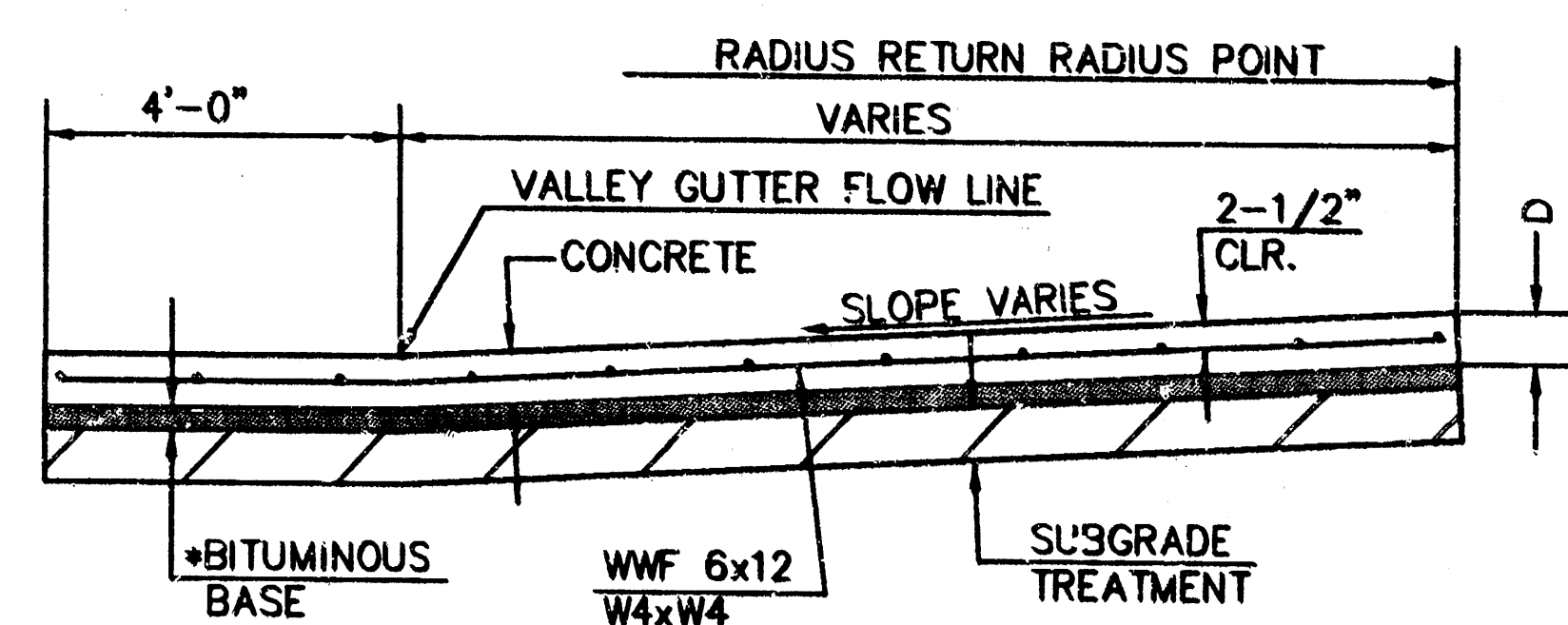
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 5\"/>

PAVING ALTERNATE 1

5 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5\"/>

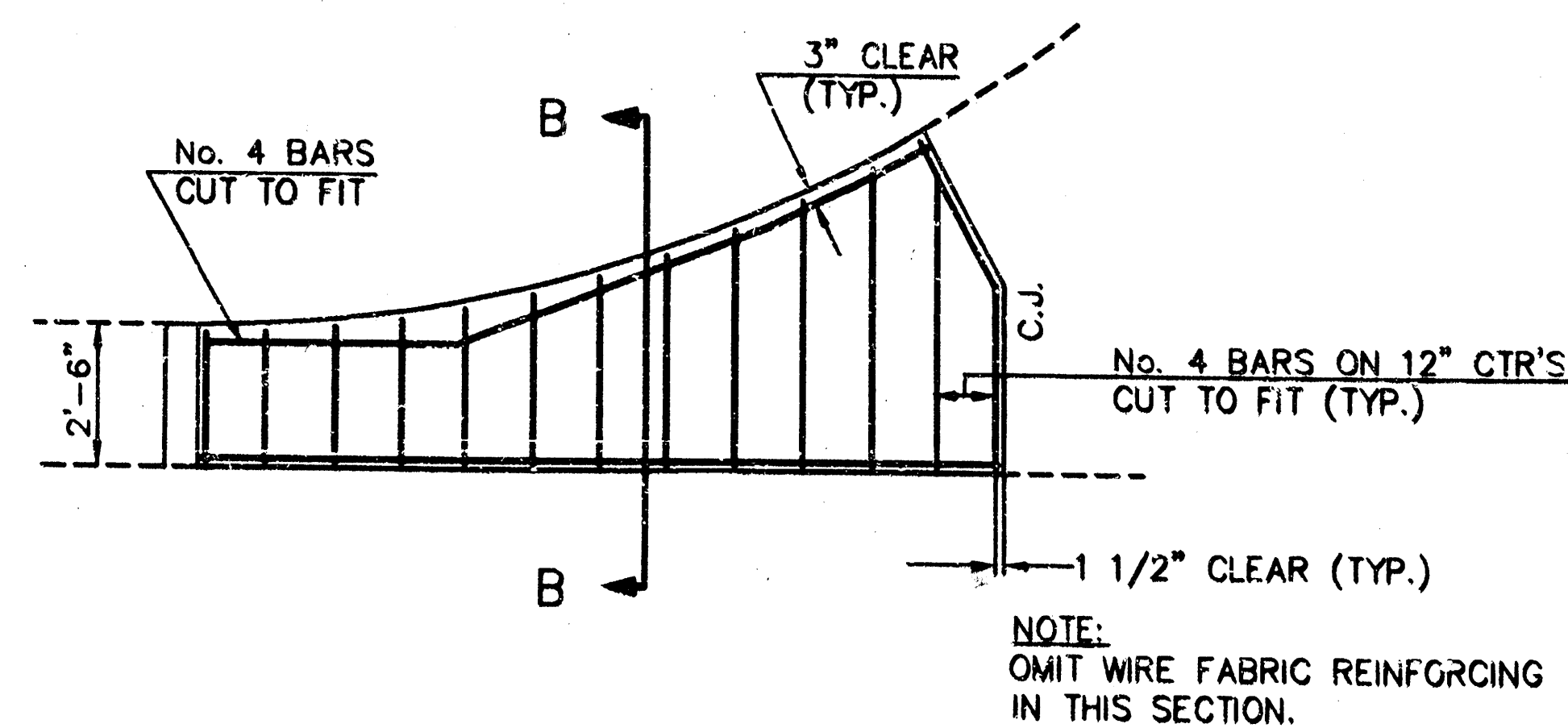


PLAN
REINFORCED VALLEY GUTTER
SCALE: NONE

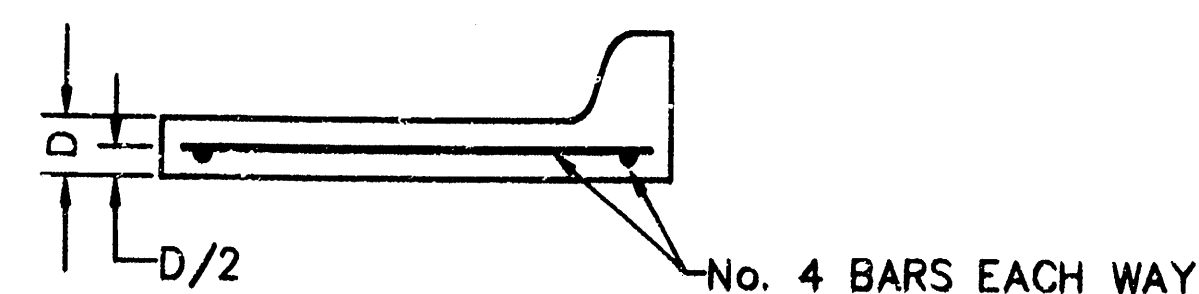


SECTION A-A
SCALE: NONE

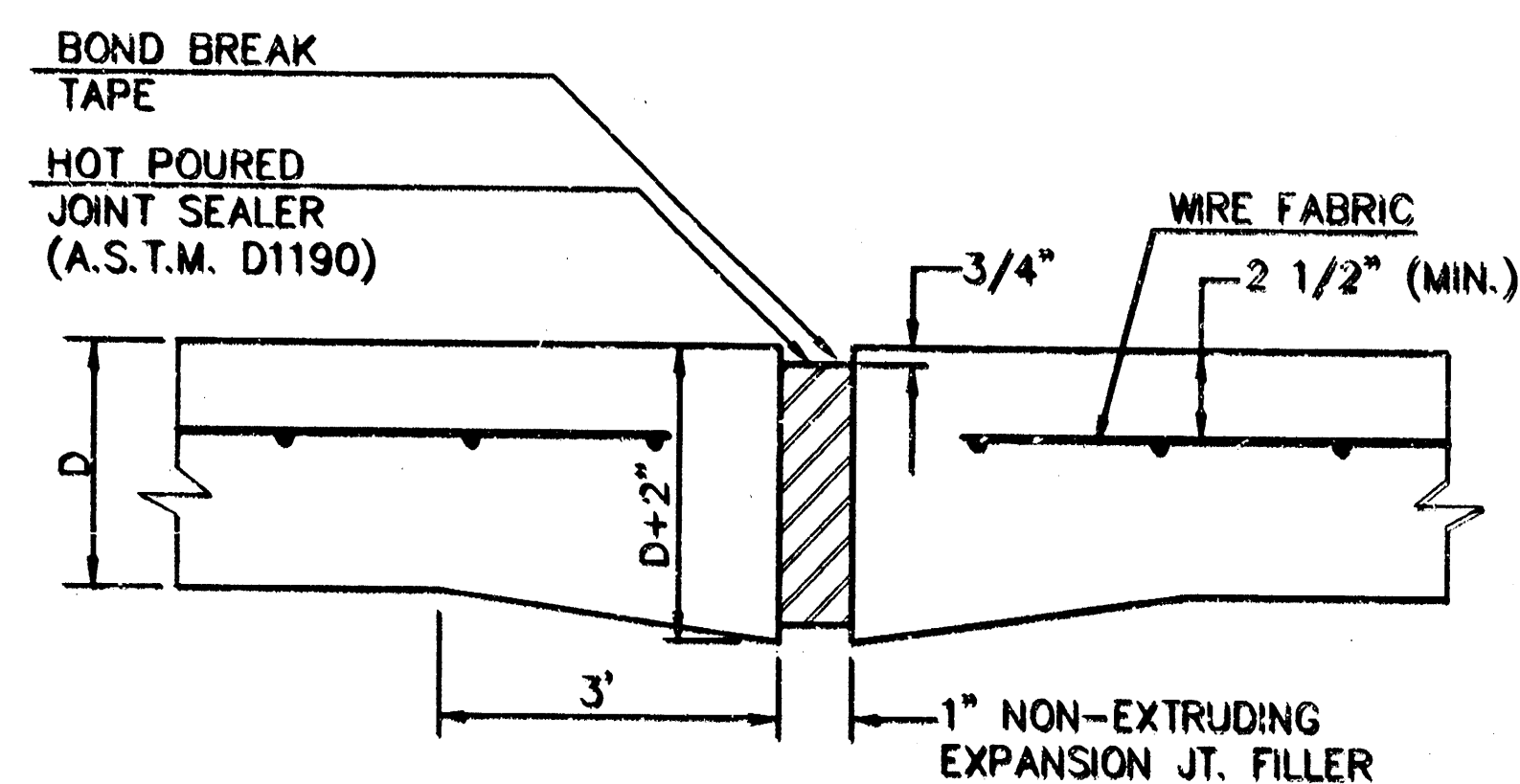
*NOT TO BE USED WITH CRUSHED ROCK BASE



WING REINFORCING DETAIL
SCALE: NONE

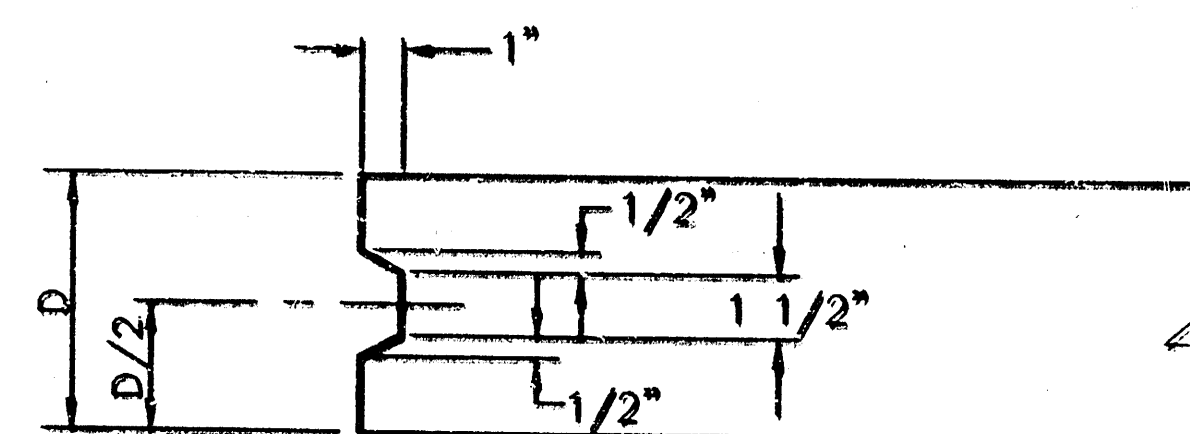


SECTION B-B
SCALE: NONE

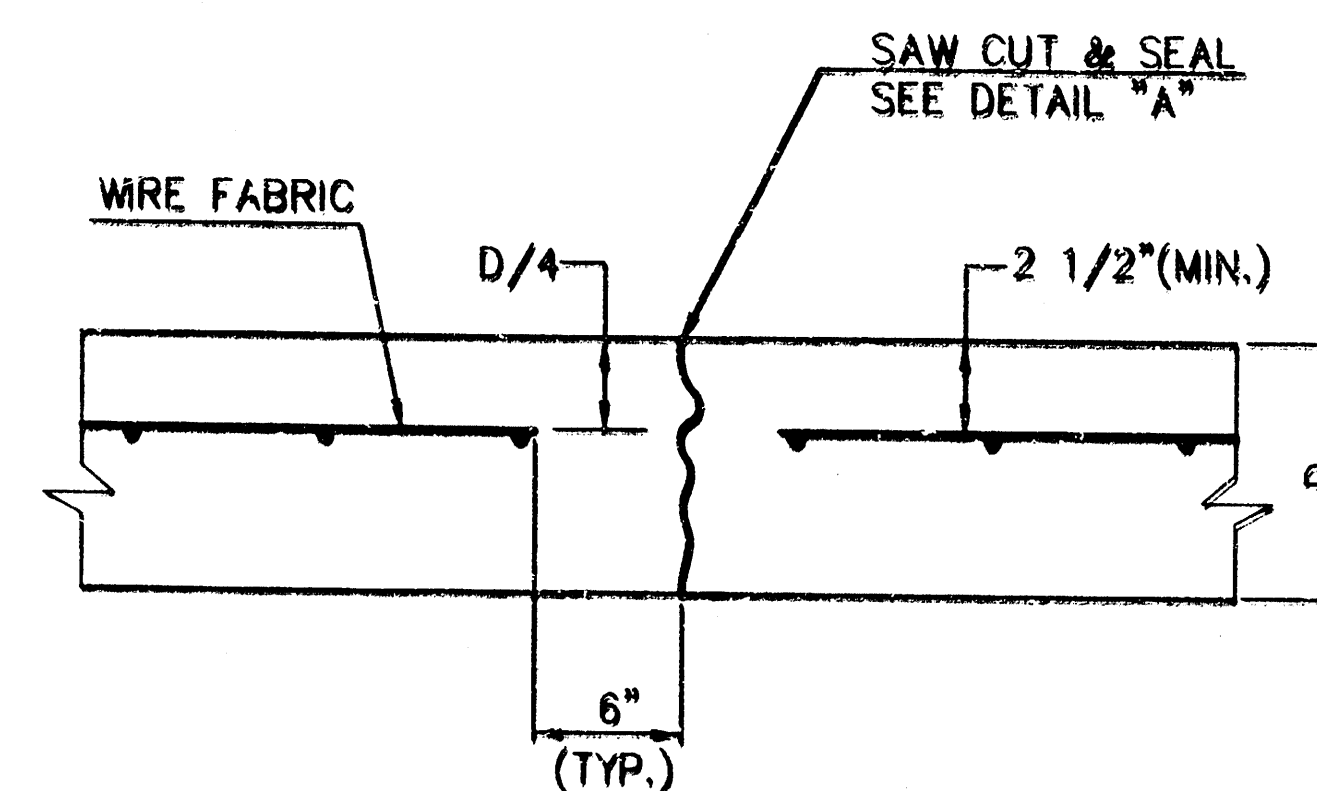


EXPANSION JOINT
SCALE: NONE

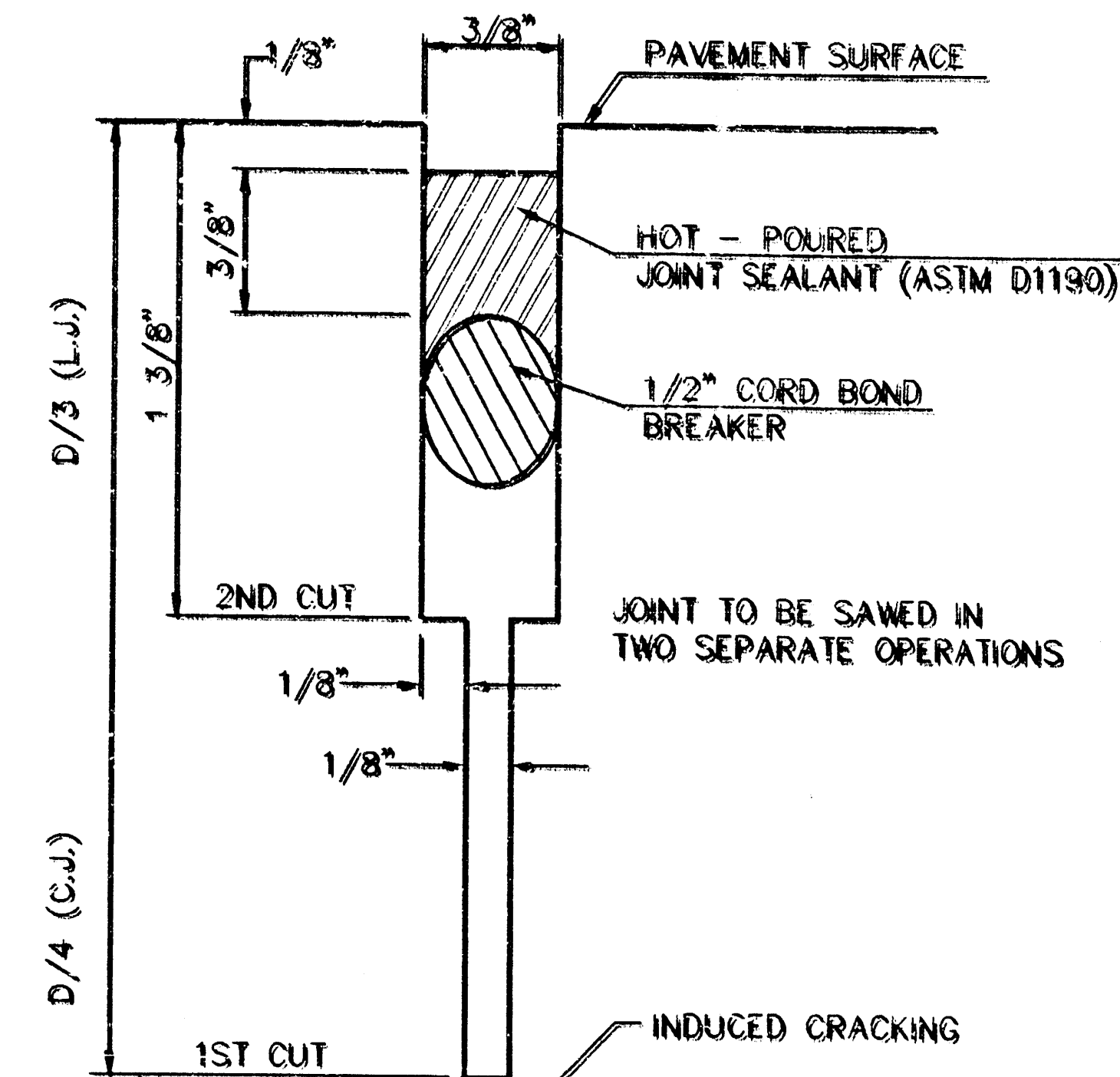
NOTE: EXTRA THICKNESS TO BE SUBSIDIARY TO PRICE OF SQ. YDS. PAVEMENT.



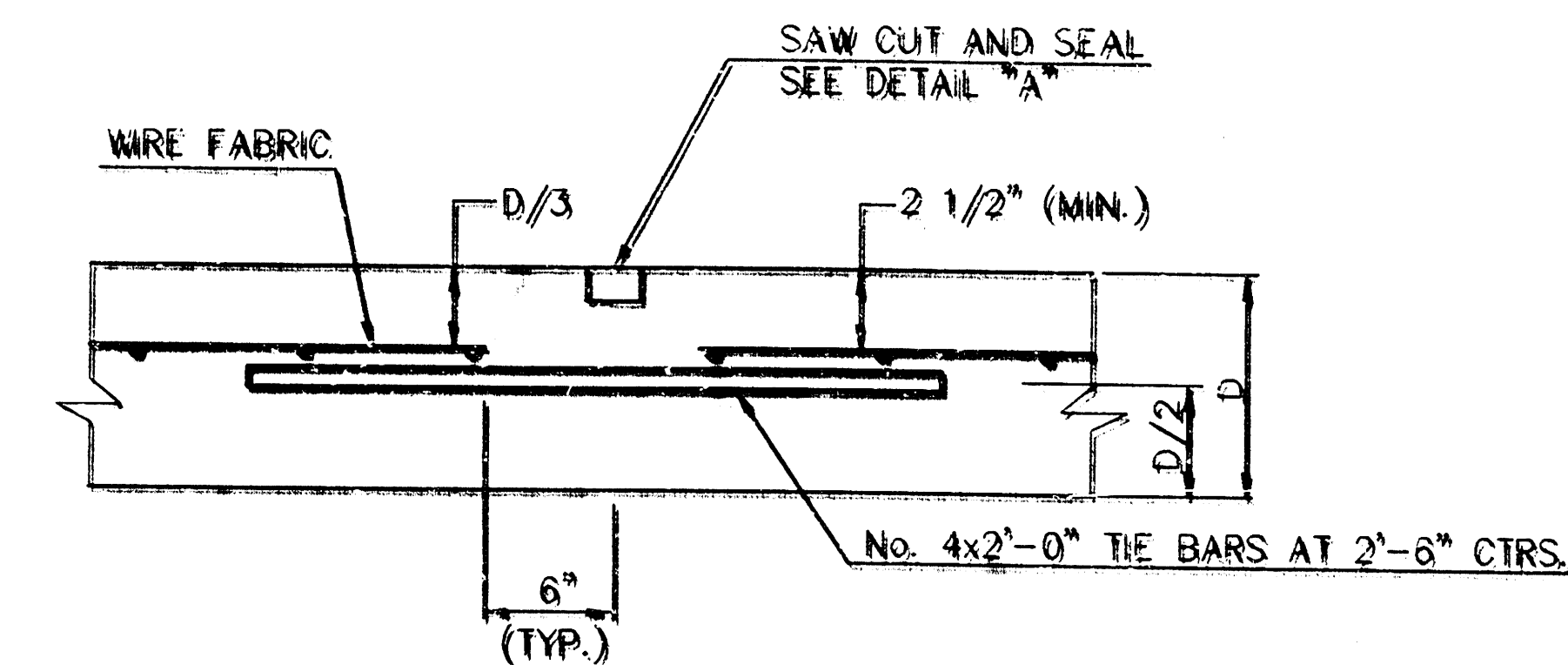
KEYWAY DETAIL
SCALE: NONE



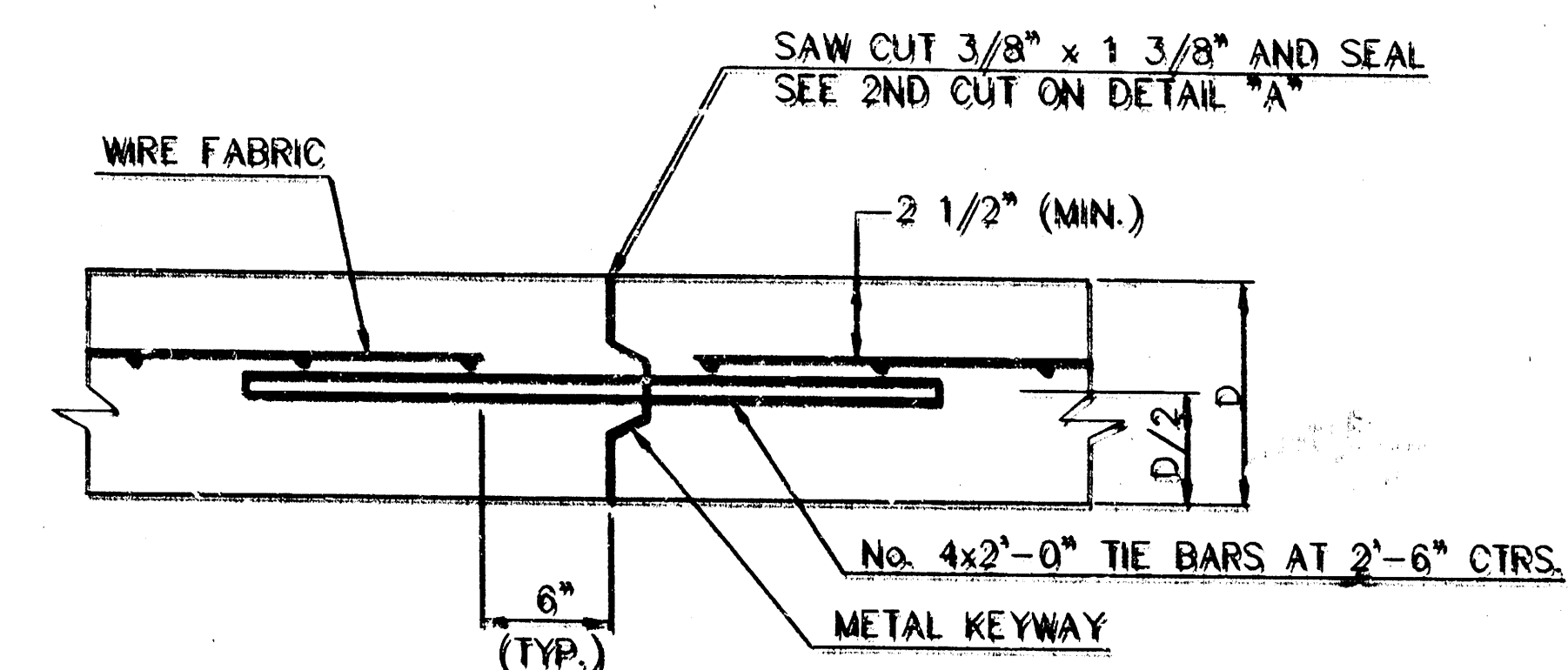
CONTRACTION JOINT DETAIL (C.J.)
SCALE: NONE



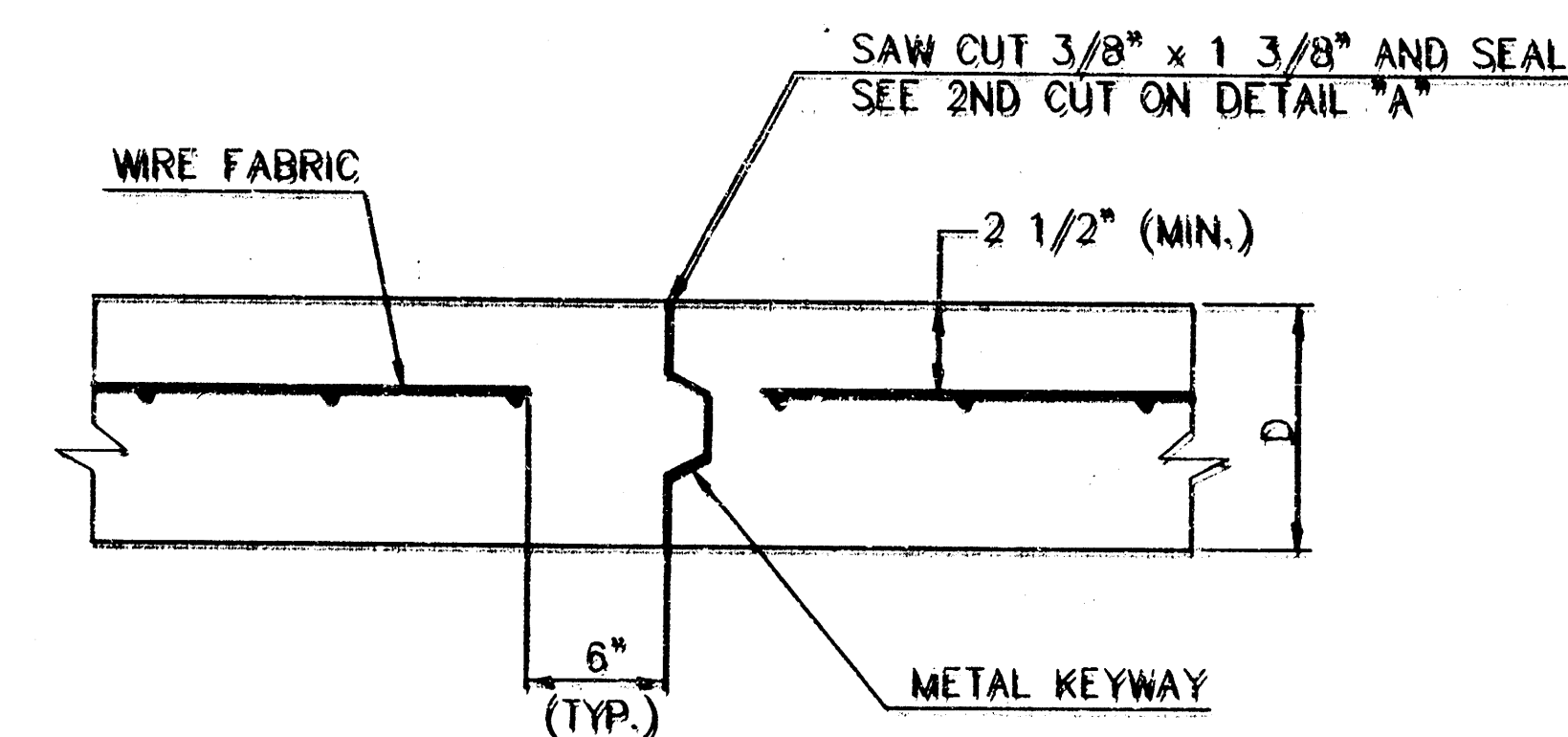
DETAIL "A"
SCALE: NONE



LONGITUDINAL JOINT DETAIL (L.J.)
SCALE: NONE



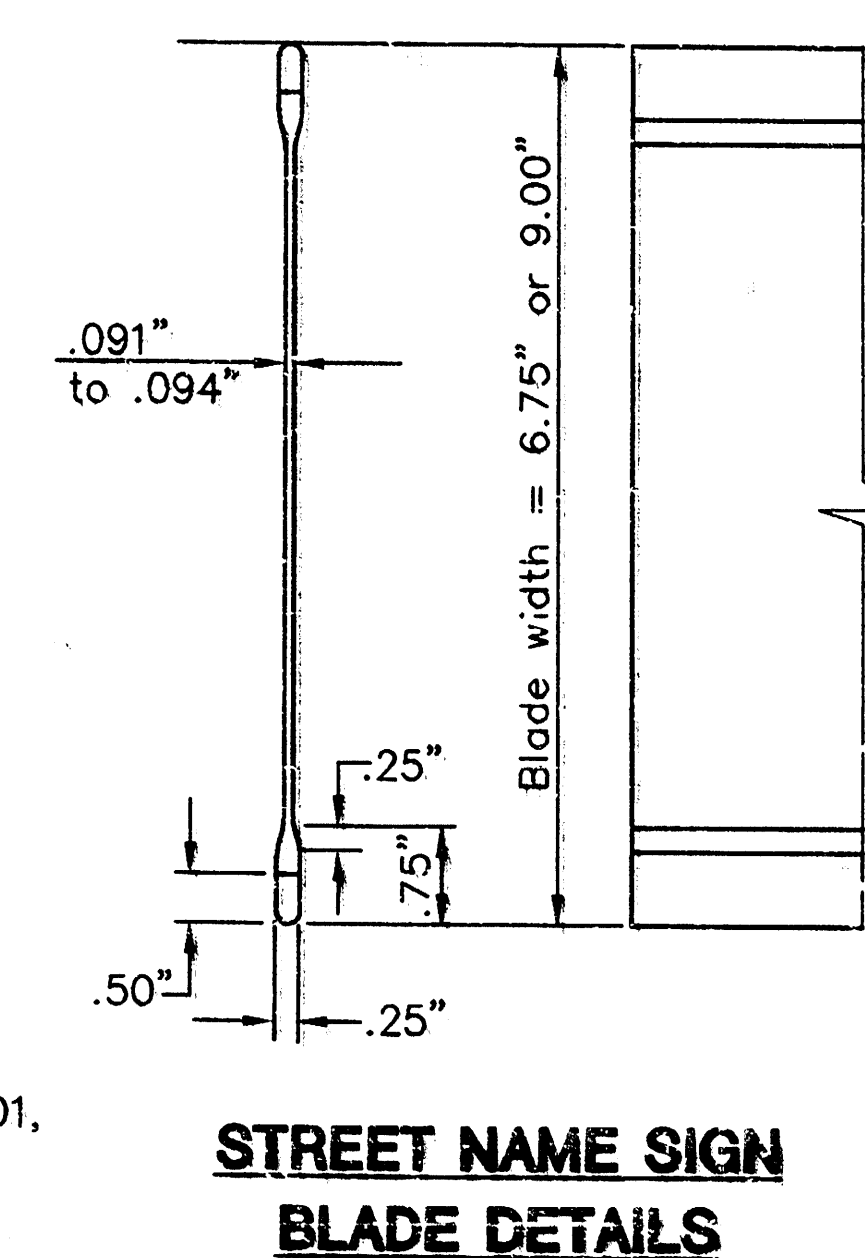
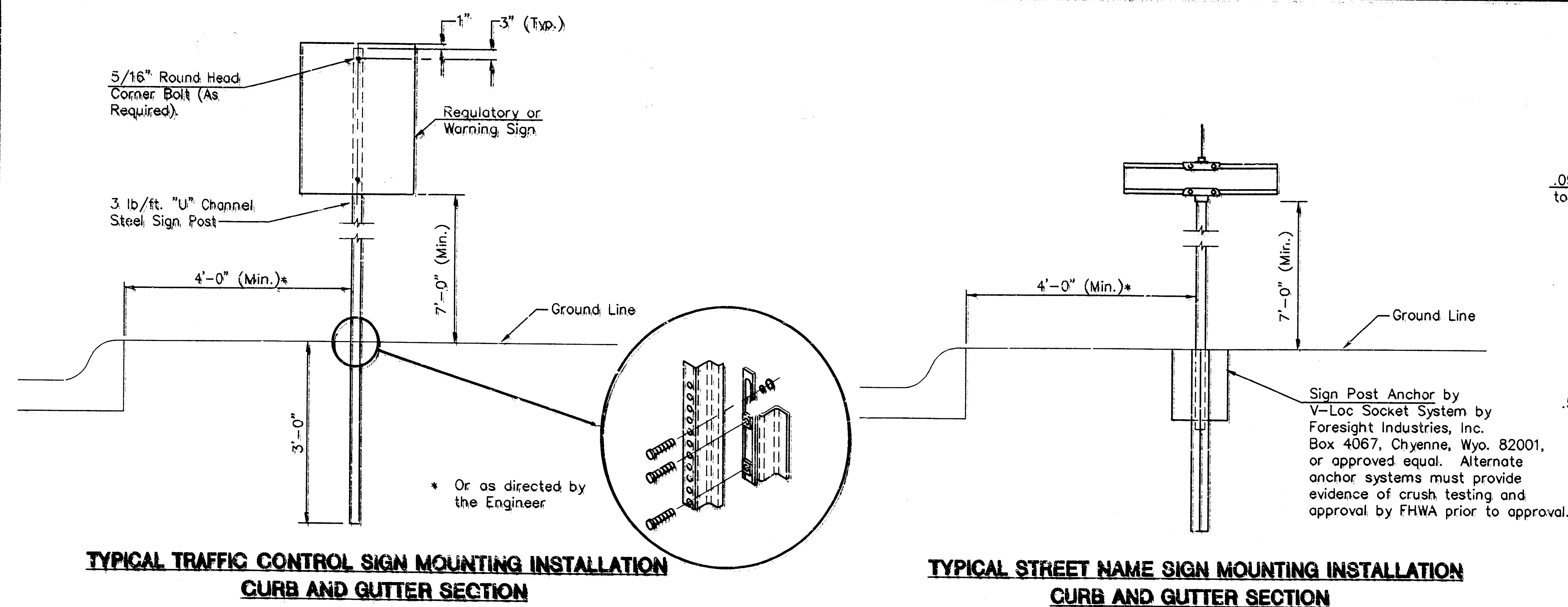
OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.J.)
SCALE: NONE (Alternate L.J.)



OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.)
SCALE: NONE (Alternate C.J.)

LEGEND
C.J. IDENTIFIES CONTRACTION JOINT
L.J. IDENTIFIES LONGITUDINAL JOINT

VALLEY GUTTER & MISC. DETAILS
CITY OF WICHITA, KANSAS
PROJECT NUMBER



GENERAL NOTES - SIGNING

NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION, EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.

1. POST ANCHORS. POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED..
2. POSTS FOR TRAFFIC CONTROL SIGNS. POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.
3. POSTS FOR STREET NAME SIGNS (SNS). POSTS SHALL BE 9 FEET LONG, CONSTRUCTED FROM 2 3/8" O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 3.65 LBS./FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 7 FEET ABOVE GRADE.
4. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS. SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063-T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.

5. SIGN BLADES FOR STREET NAME SIGNS. EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLDY CONFORMING TO 6063-T6 OR 5052-H38 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALDODINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.

[illegible]

* FOR INFORMATION ONLY

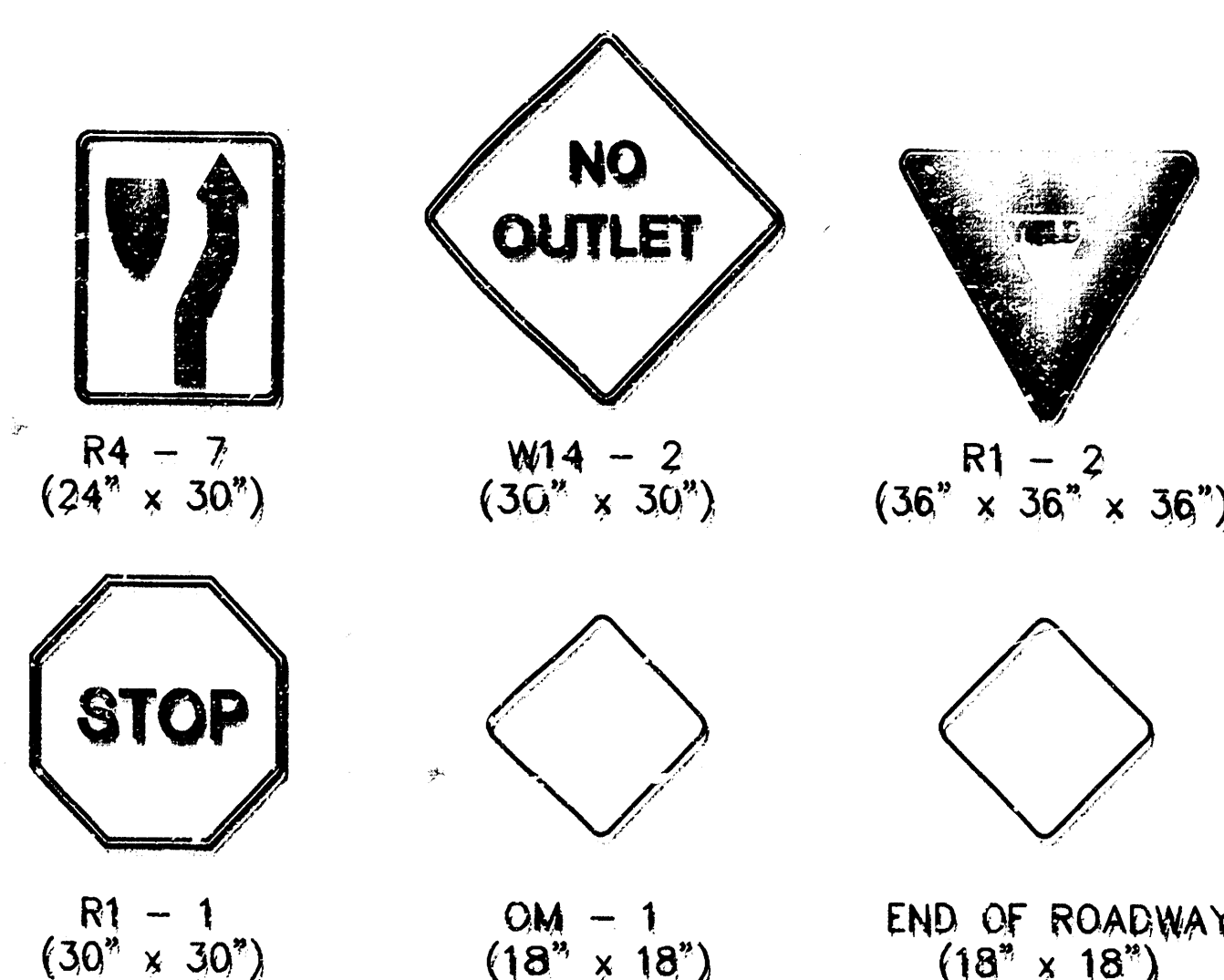
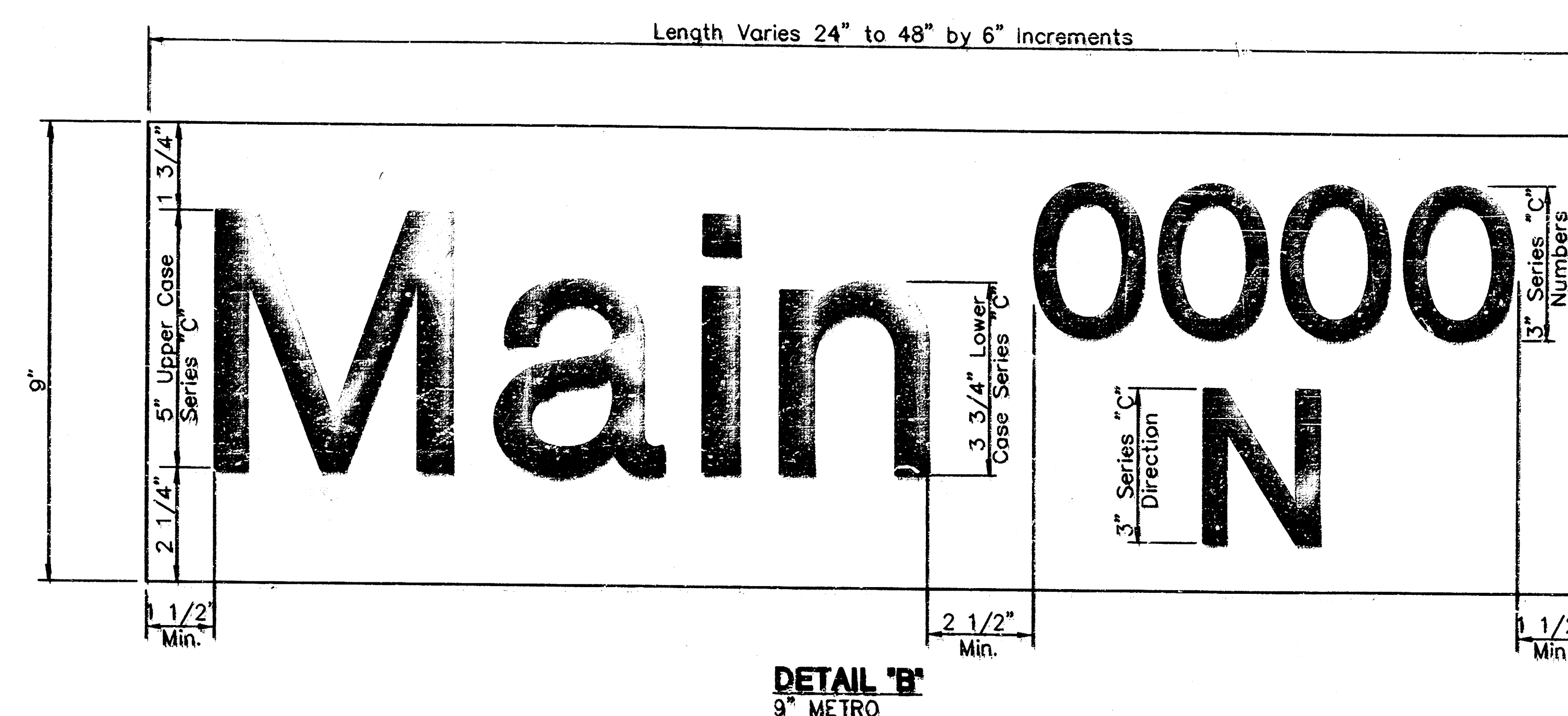
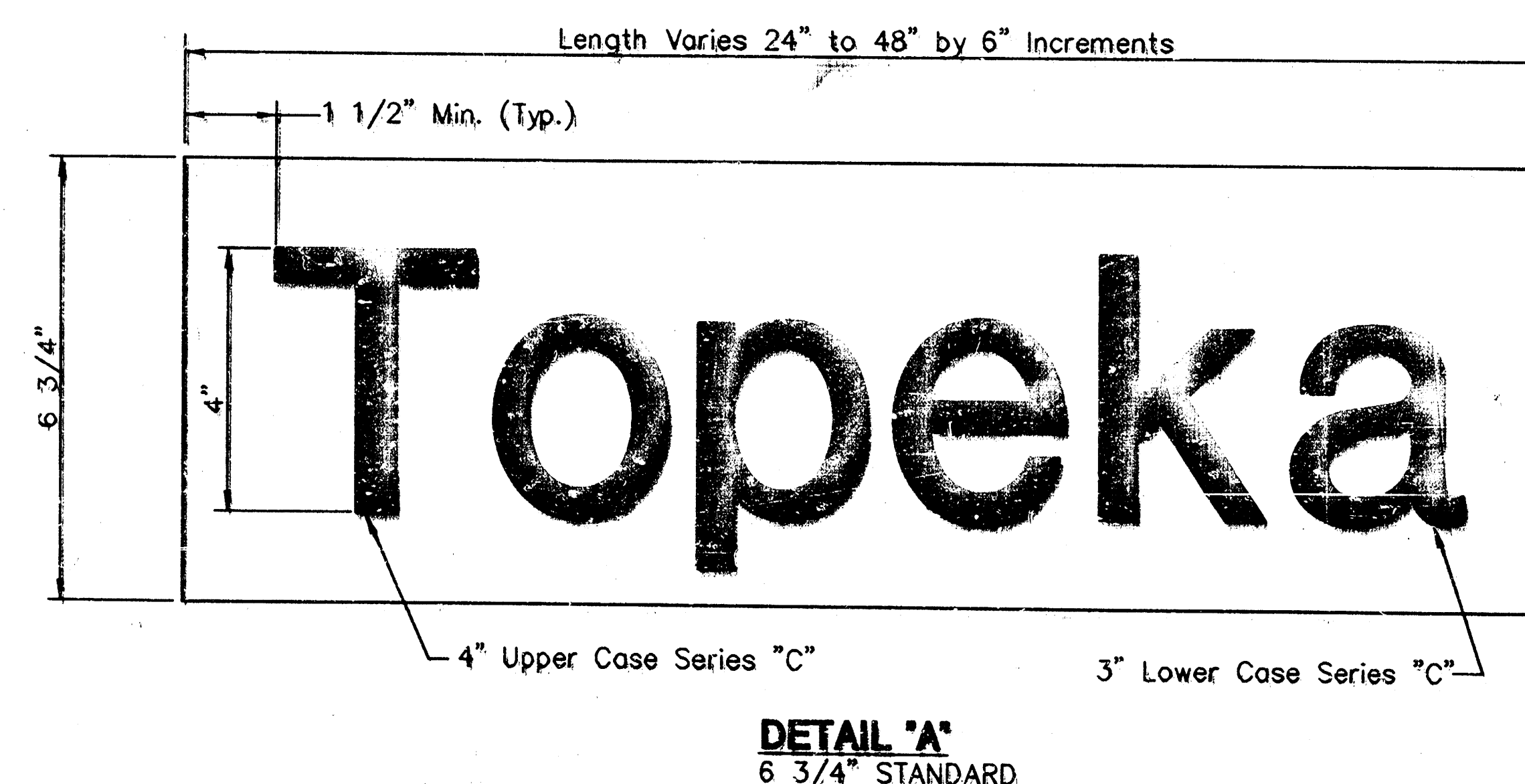
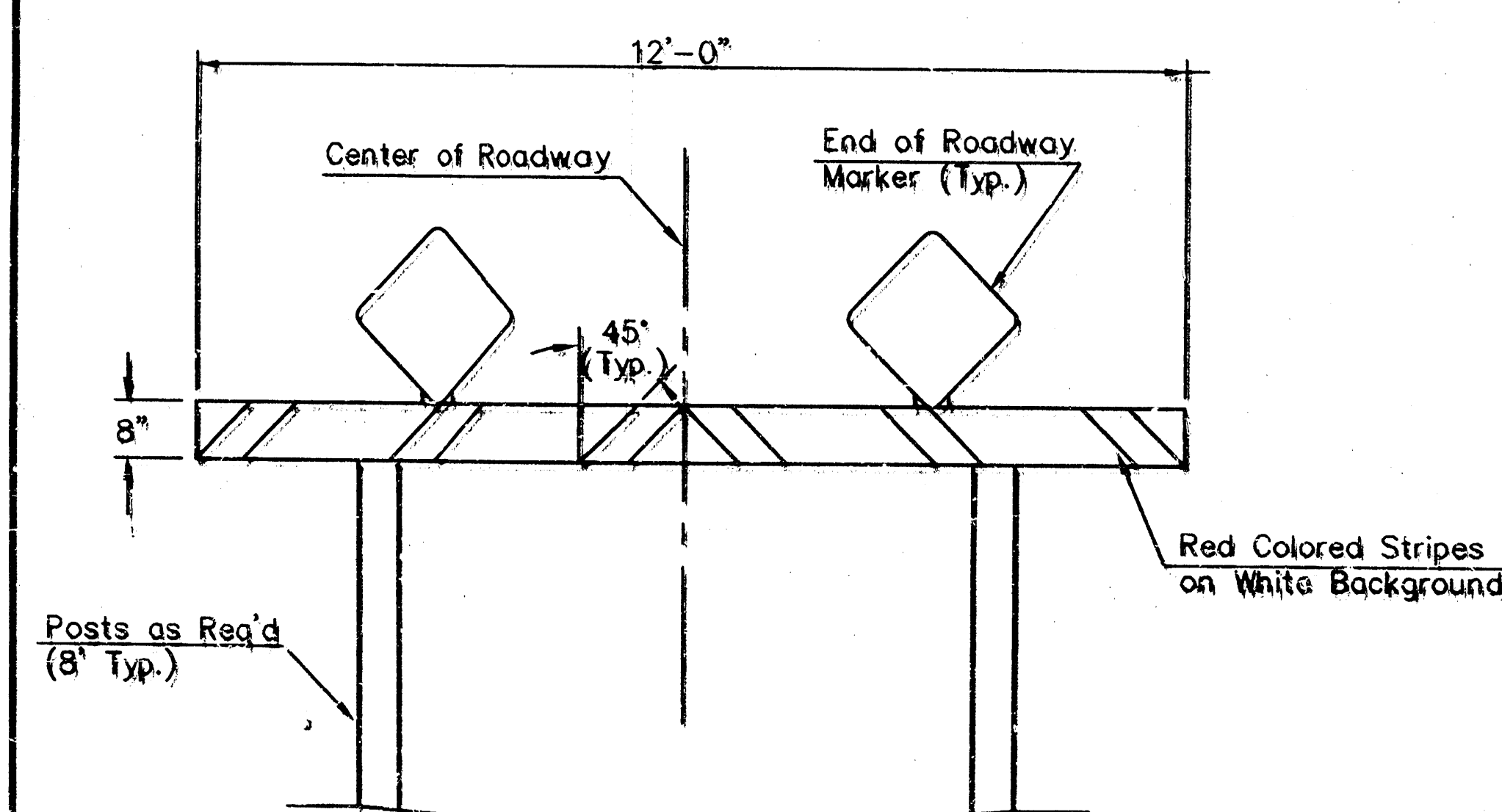
[illegible]

THE REFLECTIVE SHEETING FOR THE 9" METRO SIZE SNS IS TO BE THE HIGHWAY GREEN REVERSE SCREENED BACKGROUND WITH SILVER WHITE #2 COPY WITH 5" UPPER CASE AND 3 3/4" LOWER CASE PRIMARY COPY AND SUFFIX COPY, BOTH SERIES "C". WHERE SUFFIX LETTERS ARE USED ON NUMBERED STREETS, SUCH AS RD, TH, ETC., THEY SHALL BE 3" LOWER CASE SERIES "C". THE CARDINAL LETTERS CENTERED DIRECTLY BELOW THE BLOCK NUMBER SHALL BE AN UPPER CASE SERIES "C" LETTER. FACES TO TRIM TO A 1/2" WIDTH. (SEE DETAIL B)

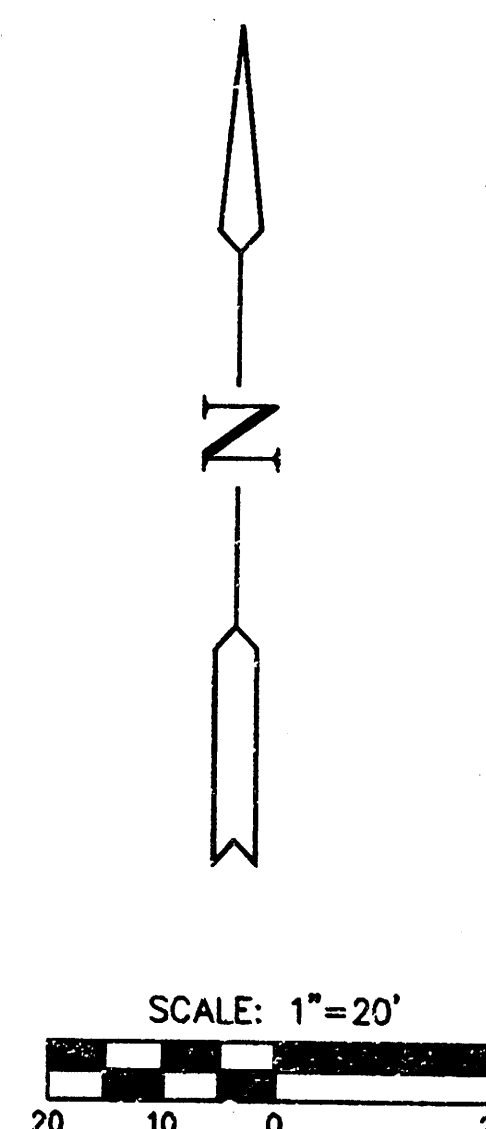
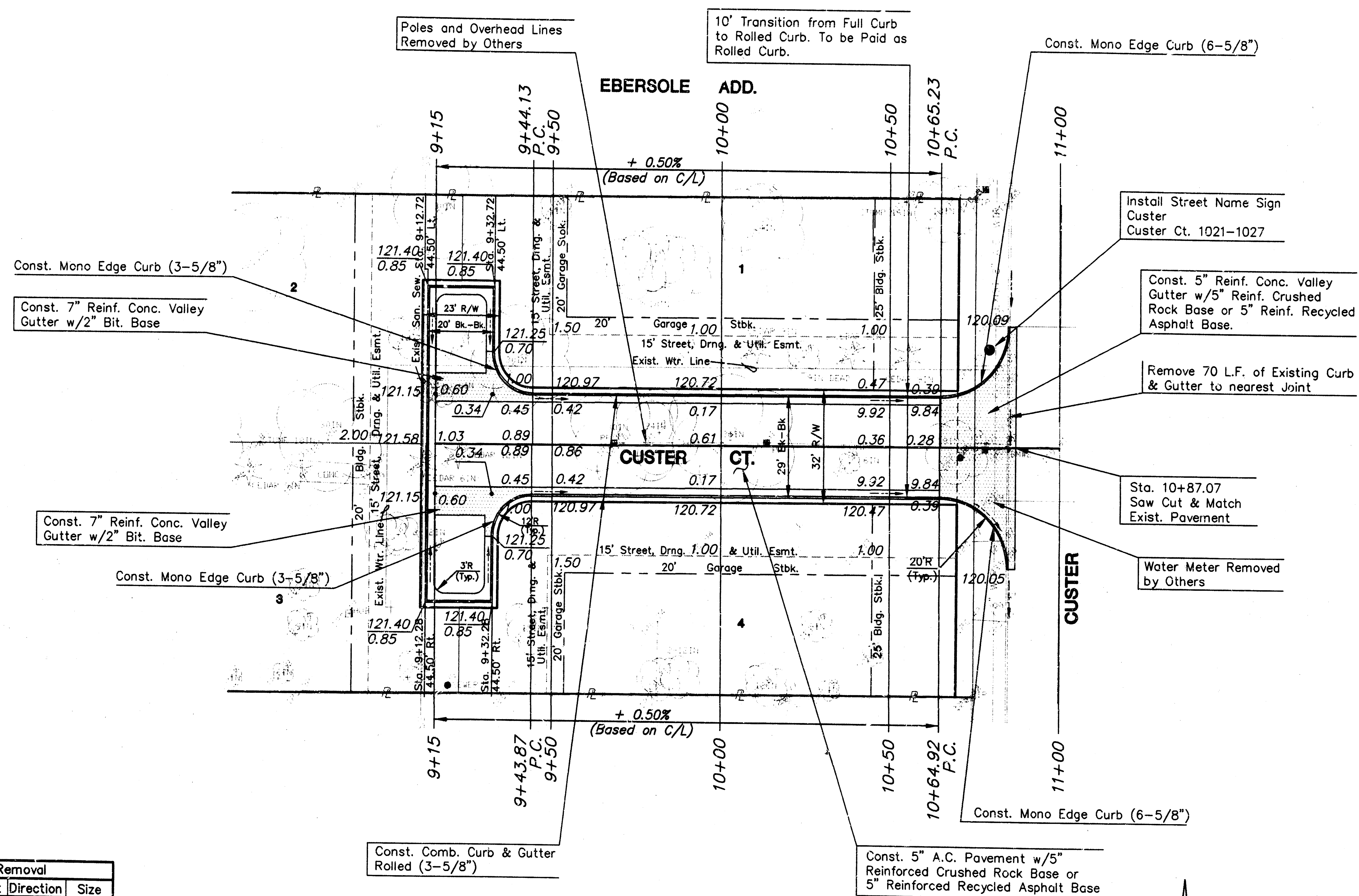
FOR CUL-DE-SAC STREETS, A 9" METRO SIZE BLADE SHALL BE USED WITH THE HOUSE NUMBERS DISPLAYED BENEATH THE STREET NAME. LETTERING TO BE THE SAME AS FOR THE 6 3/4" SIZE BLADE, EXCEPT THAT THE HOUSE NUMBER INFORMATION SHALL BE 3" SERIES 'C'.

SHOP DRAWINGS OF LAYOUT FOR SNS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION OF THE CITY OF WICHITA FOR APPROVAL PRIOR TO FABRICATION. THE FINISHED SIGNS AS SUPPLIED SHALL BE OF GOOD APPEARANCE, FREE FROM RAGGED EDGES, CRACKS, SCALES OR BLISTERS AND SHALL BE CLEAN-CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.

12. NEW TRAFFIC CONTROL AND STREET NAME SIGNS. NEW TRAFFIC CONTROL AND STREET NAME SIGNS SHALL BE MEASURED AND PAID FOR AT THE LUMP SUM PRICE FOR SIGNING. THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING, POSTS, ANCHORS, FASTENERS, MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.



Tree Removal			
Sta.	Offset	Direction	Size
9+04	25'	Rt.	2-12"
9+07.50	29'	Lt.	12"
9+12	5'	Rt.	6"
9+14	15'	Lt.	6"
9+22	3'	Rt.	6"
9+41	22'	Lt.	30"
9+71	1'	Lt.	30"
9+81	4'	Lt.	24"
10+03	2'	Lt.	36"
10+70	1'	Rt.	18"



NOTE:
TOP OF CURB ELEVATIONS SHOWN ARE
FOR FULL CURB. CONSTRUCT COMBINED
CURB & GUTTER, ROLLED (3 5/8").
(PER PLAN NOTES THIS SHEET).

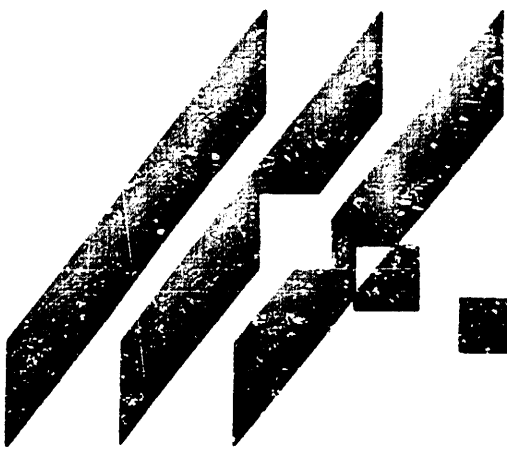
EBERSOLE ADDITION
PROJECT NAME

PAVING PLAN
DESIGN TITLE

G.J.A. DESIGN W.N.J. DRAWN BY

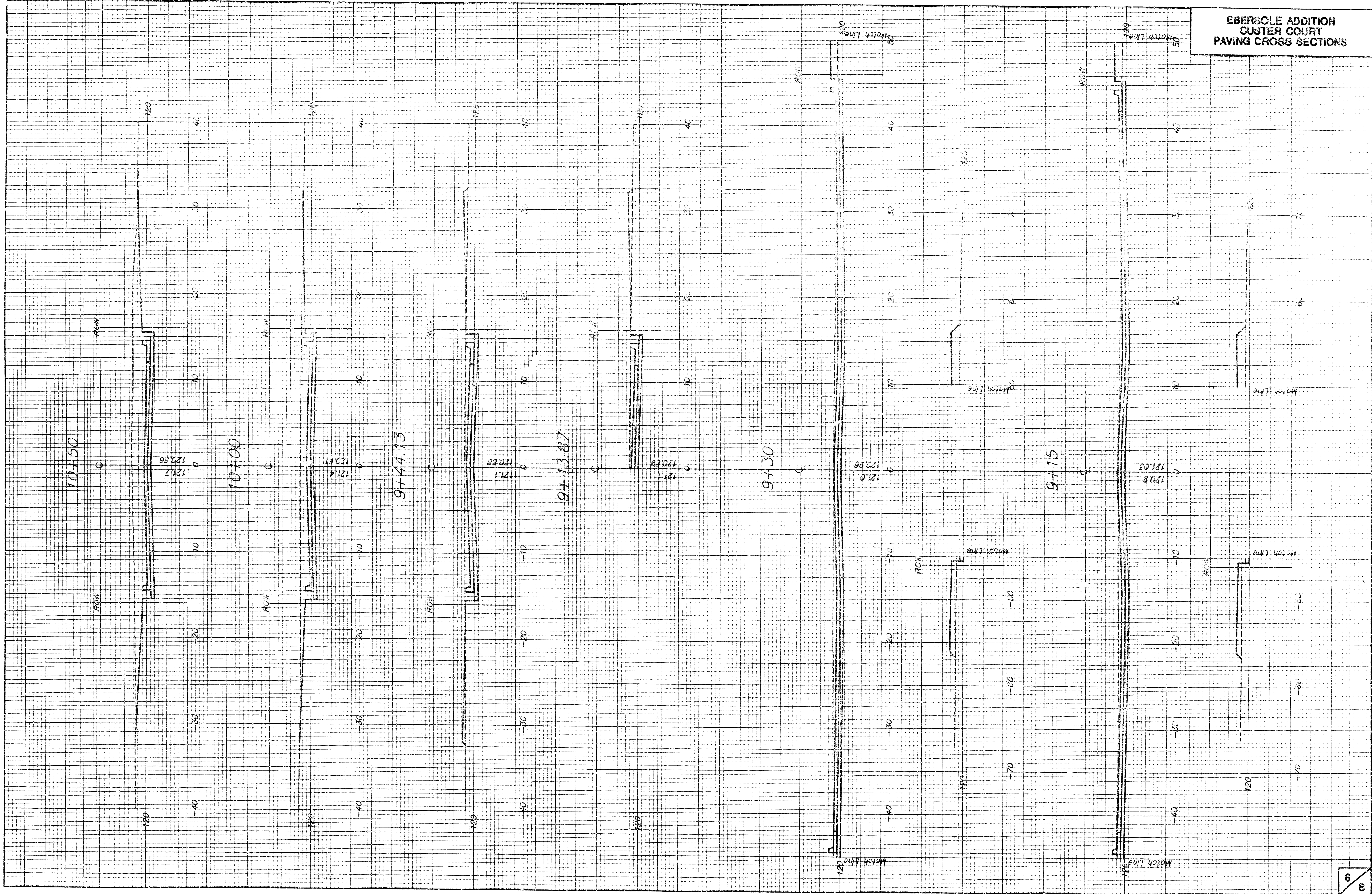
G.J.A. 1/13/95 CHECKED BY DATE

94038-E4 5 / 8
JOB NO. SHEET/OF



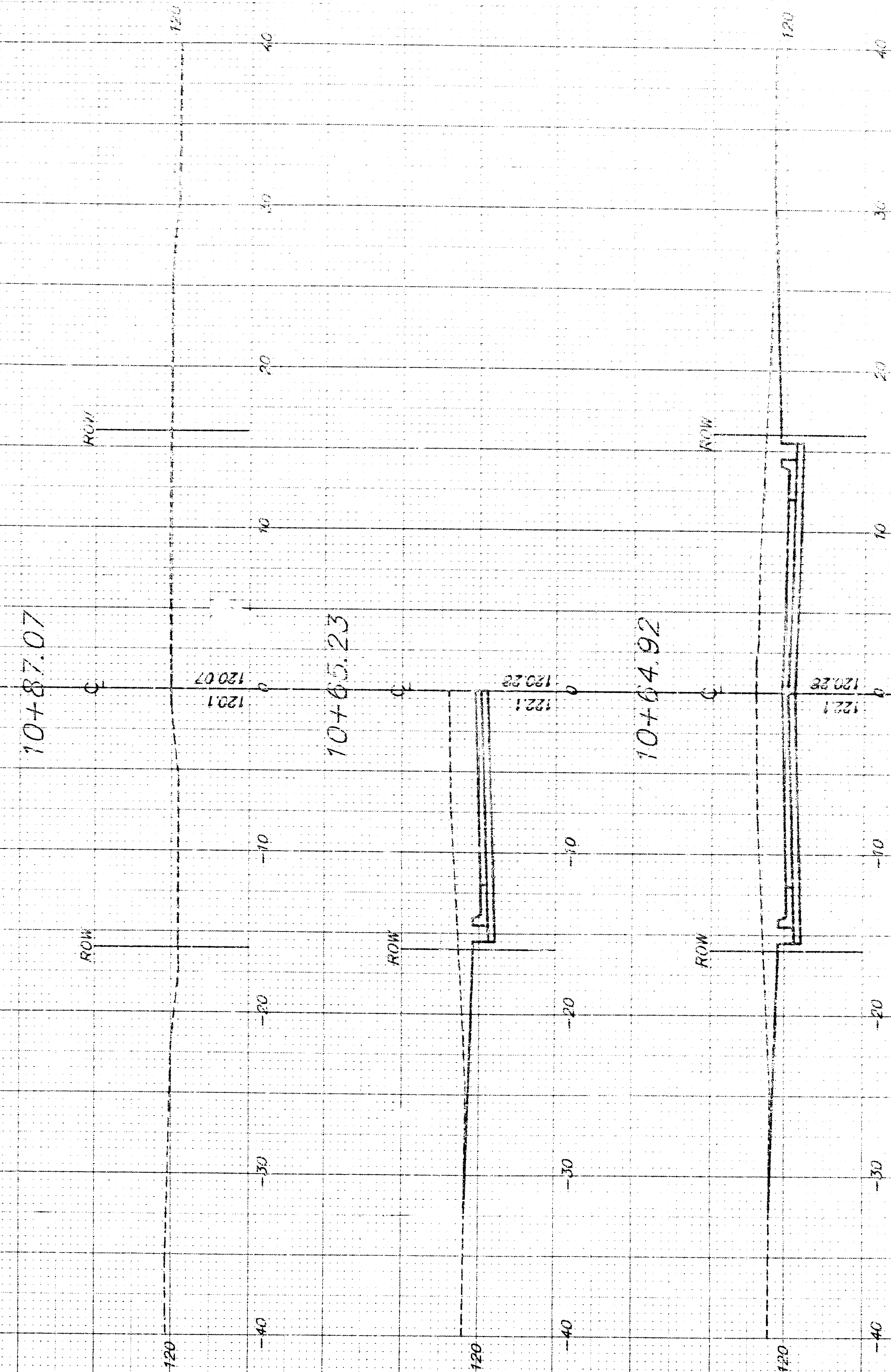
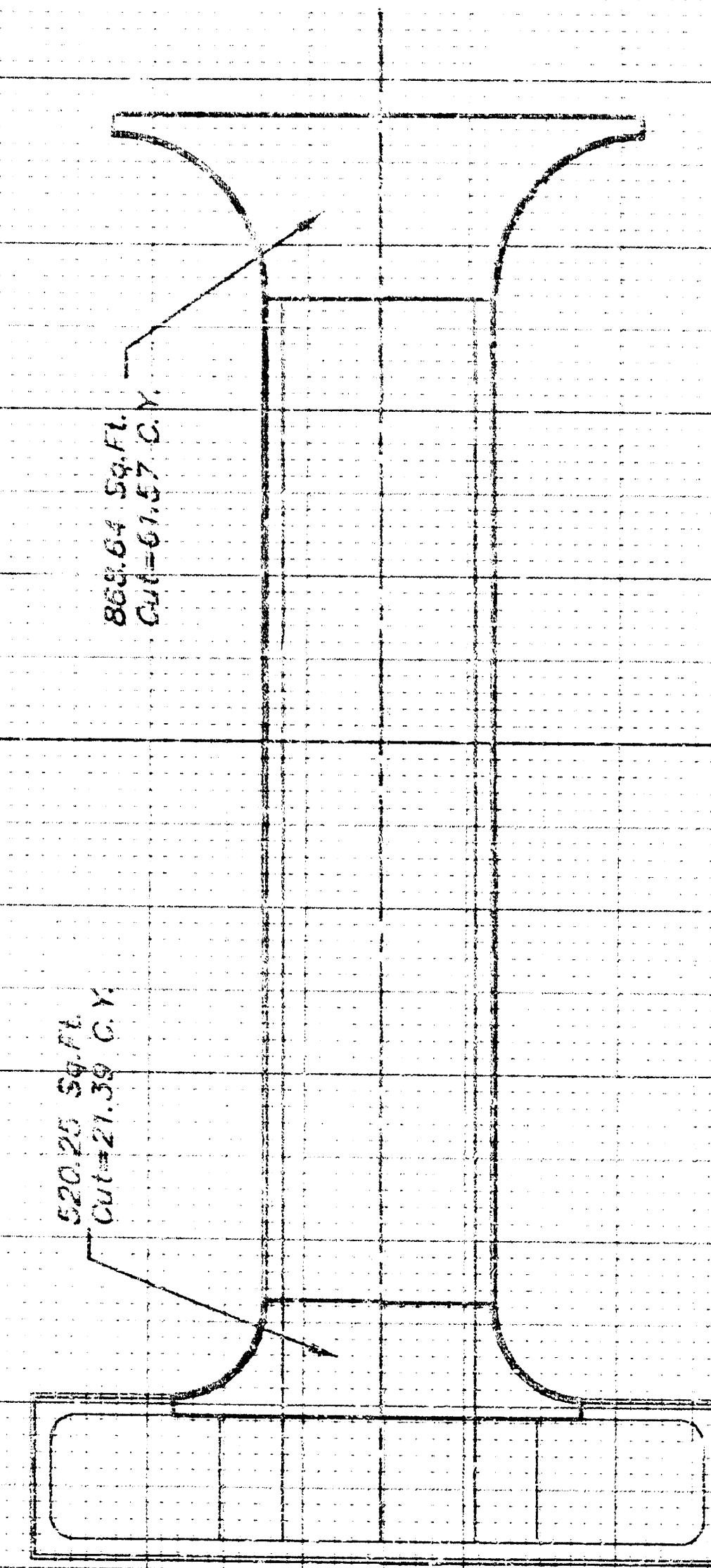
MID-KANSAS ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

EBERSOLE ADDITION
CUSTER COURT
PAVING CROSS SECTIONS



EBERSOLE ADDITION
CUSTER COURT
PAVING CROSS SECTIONS

STATION	DIST.	AREA			VOL. UNIT		
		CUT	LF	CF	FILL	CF	M ²
		S.F.	S.F.	S.F.	C.Y.	C.Y.	C.Y.
CUSTER CT							
915.00	15.00	85.2	72.4	0.0			
930.00	15.00	92.2	18.1	0.0	49.3	9.8	0.0
HAMMERHEAD CUSTER CT							
943.87	13.87	19.7	4.3	0.0	21.4	0.0	0.0
944.73	0.86	40.3	6.3	0.0	0.2	0.1	0.0
1000.00	55.27	62.4	0.0	0.0	106.2	6.5	0.0
1050.00	50.00	89.6	0.0	0.0	140.7	0.0	0.0
1064.92	14.92	93.5	0.0	0.0	50.6	0.0	0.0
1065.23	0.31	46.7	0.0	0.0	0.5	0.0	0.0
INTERSECTION CUSTER & EBERSOLE					51.5	0.0	0.0
		PROJECT TOTAL =			430.4	16.5	0.0

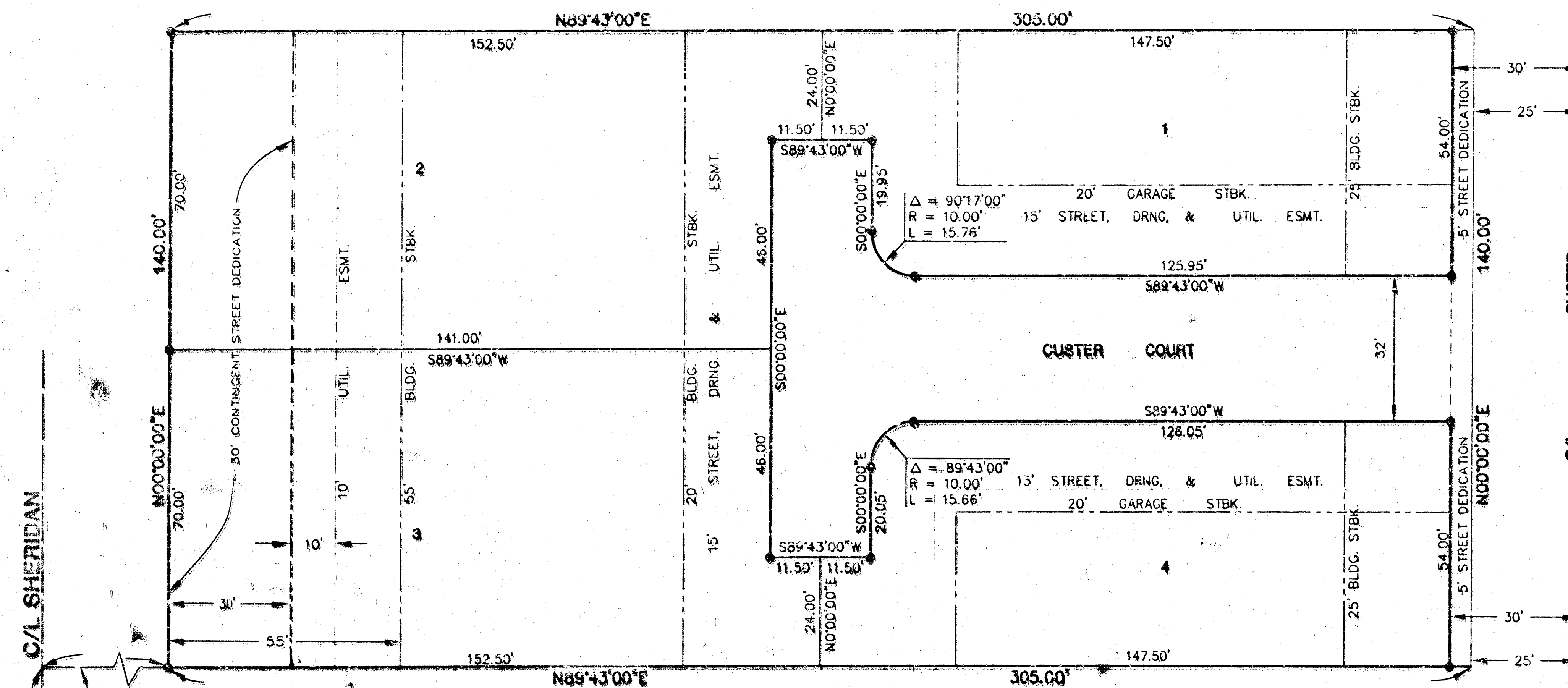


PC47-6

FINAL PLAT

EBERSOLE ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



- BM 1 SQUARE CUT ON TOP OF CURB AT THE NORTH END OF THE NORTHWEST RETURN AT 11TH STREET & CUSTER ELEV. = 120.60
- BM 2 SQUARE CUT ON TOP OF WEST CURB OF CUSTER 230 FEET SOUTH OF CL OF 11TH STREET ELEV. = 120.10

SCALE: 1"=20'

I, Kenneth H. Bangston, a Civil Engineer and Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and plotting of "EBERSOLE ADDITION", an addition to Wichita, Sedgwick County, Kansas, into lots, a block and street the same being accurately set forth in the accompanying plat and described herein:

A replat of Lots 63 and 64, VALLEY ACRES, Sedgwick County, Kansas. All lots, blocks, setbacks, and easements within the described property are hereby vacated and replatted by virtue of K.S.A. 12-512(b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 14th day of July, 1994.

Kenneth H. Bangston, P.E., R.L.S. #922
Mid-Kansas Engineering Consultants, Inc.
3500 N. Rock Road, Building #800
Wichita, KS 67226

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineer's and Registered Land Surveyor's Certificate, have caused the same to be surveyed and plotted into lots, a block, and street the same to be known as "EBERSOLE ADDITION", an addition to Wichita, Sedgwick County, Kansas. The street is hereby dedicated to and for the use of public. Easements for the construction and maintenance of public utilities and drainage, are hereby granted to the city. The dedication along the West line of Lots 2 and 3 is contingent on the need for additional street right-of-way. The garage setback on Lots 1 and 4 shall apply only to garages. The setback for the main structure of the house is restricted by zoning, easements, and setbacks as indicated on the face of the plat.

MEMNONITE HOUSING REHABILITATION SERVICES, INC.

Thomas A. Bishop, President - C.E.O.

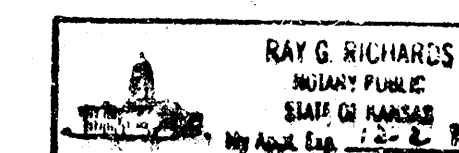
STATE OF KANSAS
SEDGWICK COUNTY

BE IT REMEMBERED, that on this 14th day of August, 1994, before me the undersigned, a Notary Public in and for the County and State aforesaid, came Thomas A. Bishop for Mennonite Housing Rehabilitation Services, Inc., to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year last above written.

Notary Public: Ray G. Richards

My appointment expires: 12-1-97



This plat of "EBERSOLE ADDITION" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this 14th day of May, 1994.

WICHITA-SEDGWICK COUNTY METROPOLITAN PLANNING COMMISSION

James D. Miner, Chairman

Marvin S. Krout, Secretary

This plat approved and all dedications shown thereon, if any, accepted by the City Council of the City of Wichita, Kansas, this 23rd day of July, 1994.

Elma Broadfoot, Mayor

Pat Burnett, City Clerk

Entered on transfer record this 2nd day of September, 1994.

Susan F. Crockett-Spoorn, County Clerk

STATE OF KANSAS
SEDGWICK COUNTY

This is to certify that this instrument was filed for record in the Register of Deeds office this 6th day of SEPTEMBER, 1994.

Pat Kettler, Register of Deeds

Ed Resa, Deputy



14-4-1-B

affidavit Feb 1993-Reg 502 PC47-6