

CONSTRUCTION PLANS FOR STREET IMPROVEMENTS

THE CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER

PORTWEST FROM S. LINE OF PORTWEST CT. TO N. LINE
OF LOT 20, BLOCK 1, THE MOORINGS 4TH ADDN.

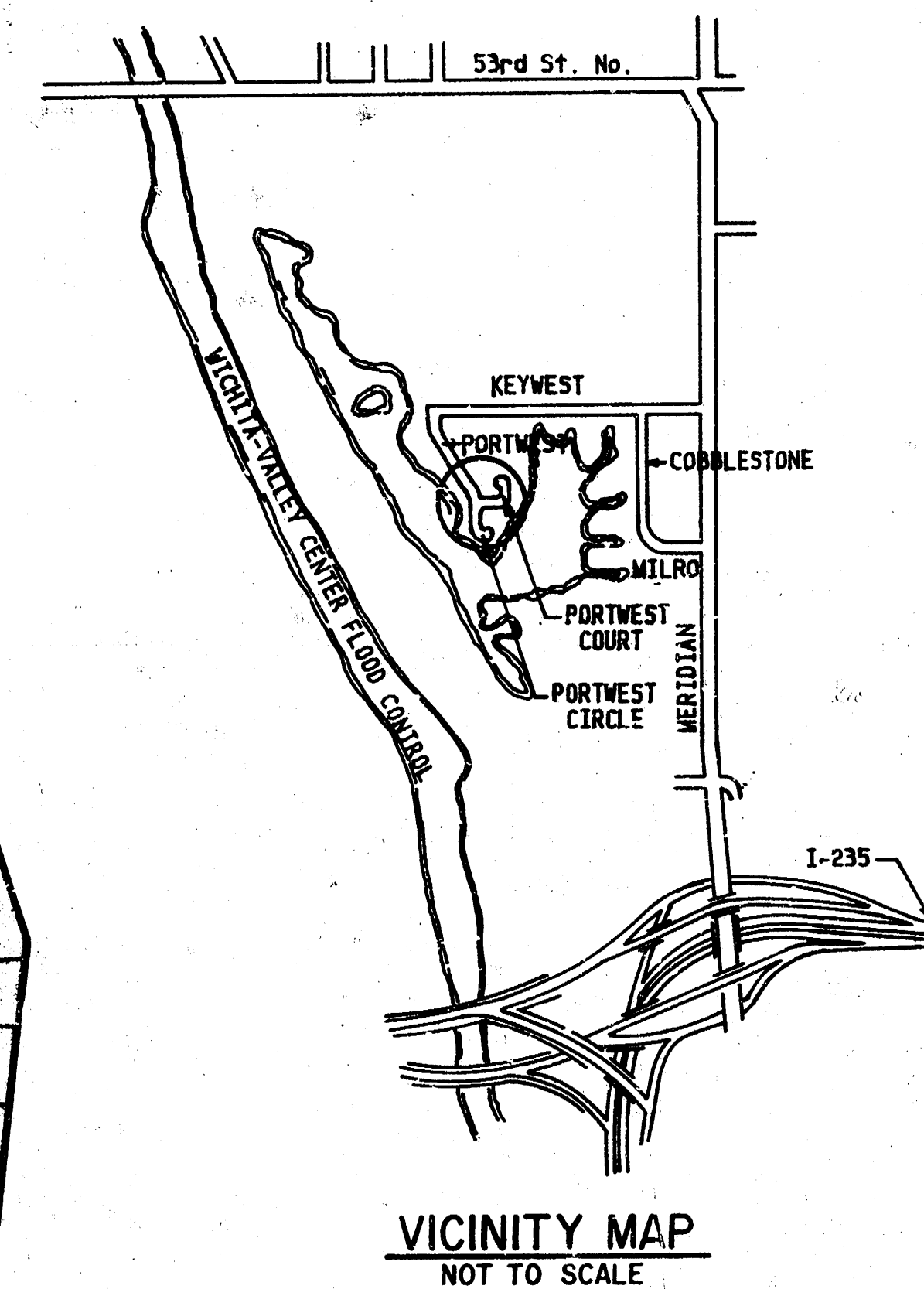
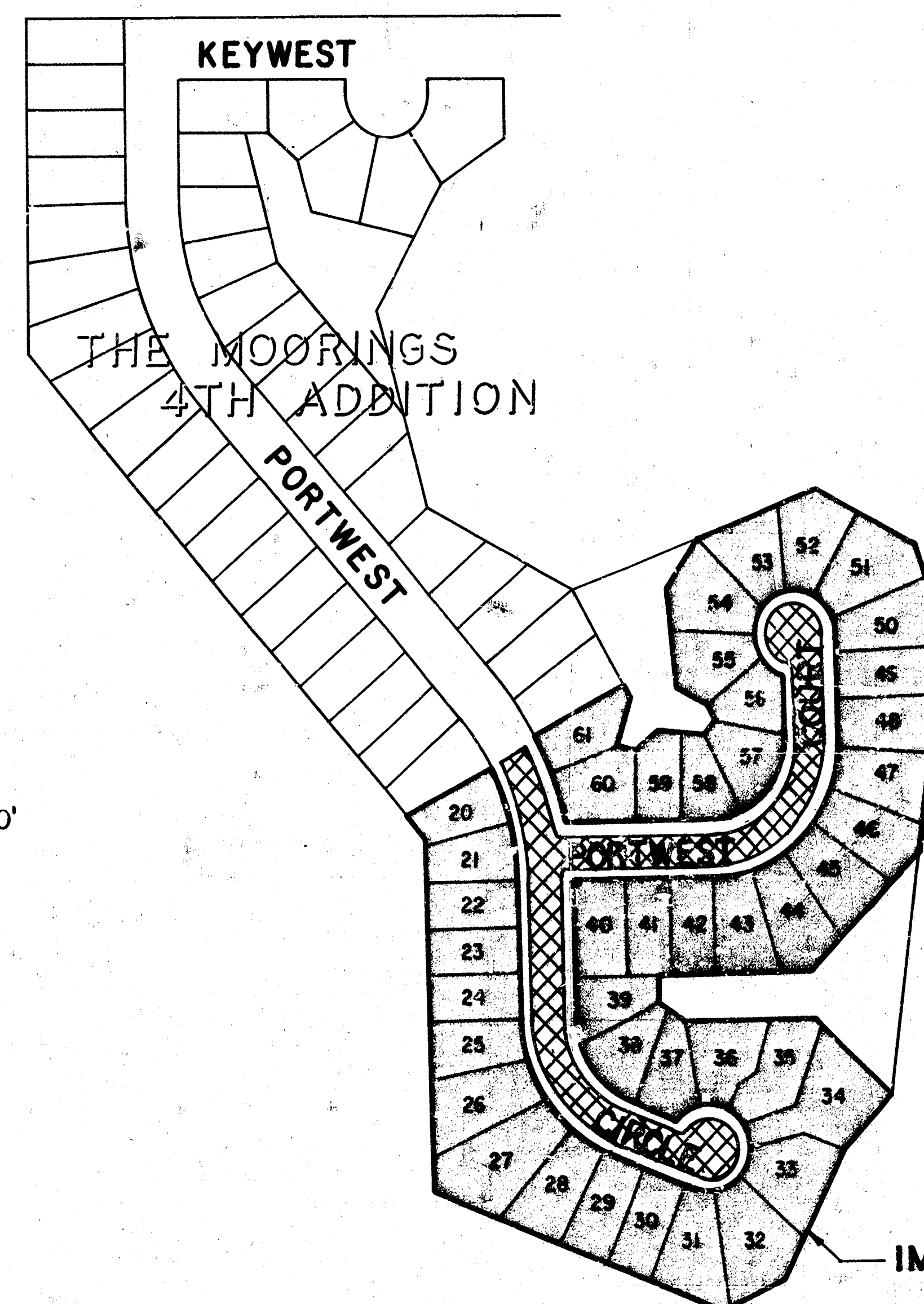
PORTWEST CIRCLE FROM S. LINE OF PORTWEST COURT
TO AND INCLUDING CUL-DE-SAC

PORTWEST COURT FROM E. LINE OF PORTWEST
TO AND INCLUDING CUL-DE-SAC

GENERAL NOTES:

1. Utility service lines, poles, valve boxes, meters and etcetra 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. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. 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 project costs.
3. 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.
4. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
5. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then slope up or down using permissible slopes to match the existing ground surface.
6. 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 or a licensed professional engineer in accordance with state laws.

SCALE: 1" = 150'



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BENCH MARKS

(City of Wichita Datum)

1. "CP" cut in S. Wall of culvert of 45th Street No. and Meridian. Elev. 141.07
2. Railroad Spk. in S. face of power pole N. side Keywest 250' East & 53' North of the center of the intersection of Portwest & Keywest. Elev. 141.85
3. Top of West Curb at End of Exist. Pavement at N. Line Lot 20, The Moorings 4th Addn. Elev. 142.80
4. Top of East Curb at End of Exist. Pavement at N. Line Lot 20, The Moorings 4th Addn. Elev. 142.65

PROJECT NO. 472-76-245-81729-000-000-001

INDEX #602615

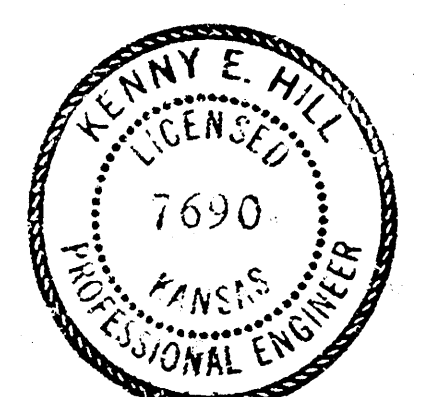
OCTOBER 1988

PLANS PREPARED BY

POE & ASSOCIATES OF KANSAS INC.
CONSULTING ENGINEERS
454 N. Oliver, Suite 110 • Wichita, KS 67208 • 316/685-4114

EARTHWORK SUMMARY

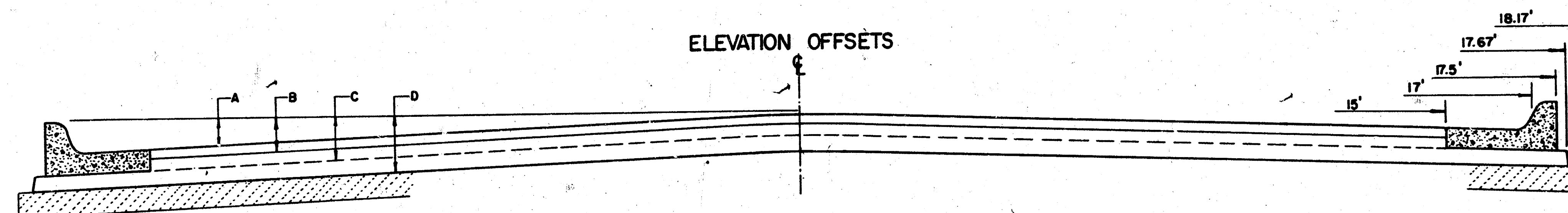
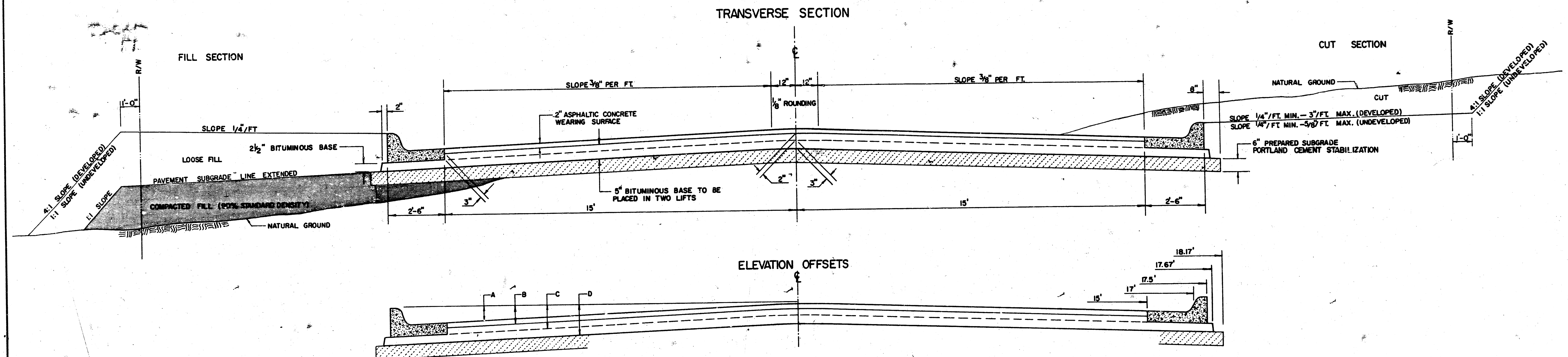
Excavation 1930.6 C.Y.



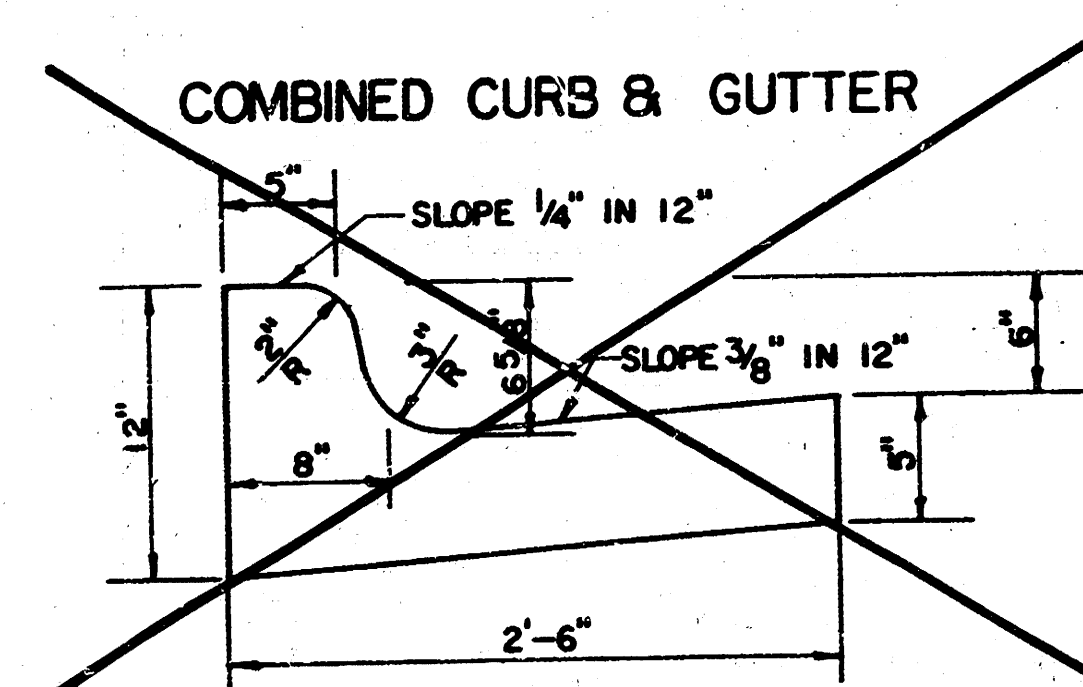
SHEET NO. 1 OF 12

1/12

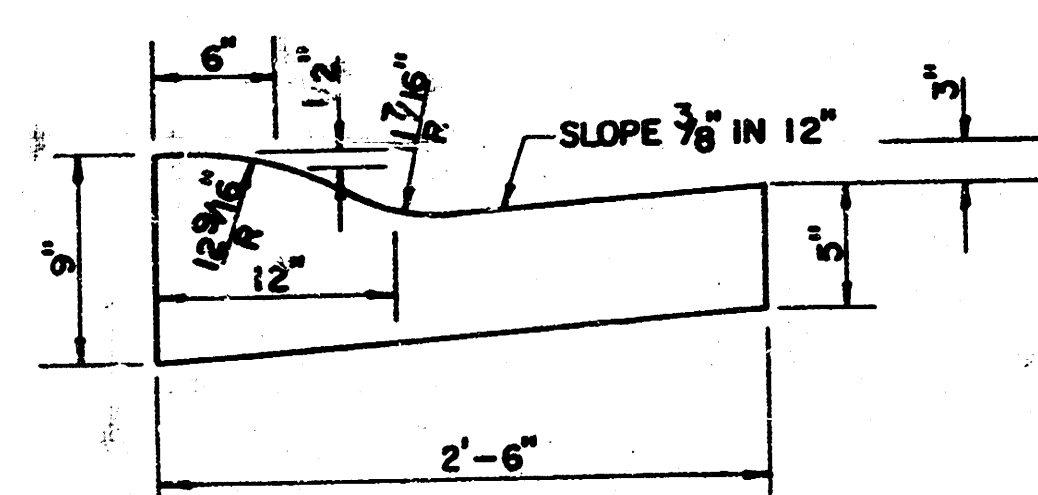
TYPICAL 35' PAVEMENT DETAILS



	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.72	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.95	1.02	1.08	1.12	1.19	1.21	1.21	1.23



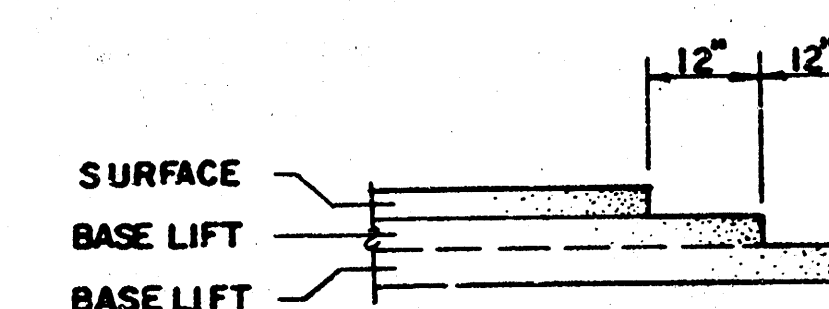
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) 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.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) 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.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

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 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS

PROJECT NUMBER
472-76-245-81729-000-000-001

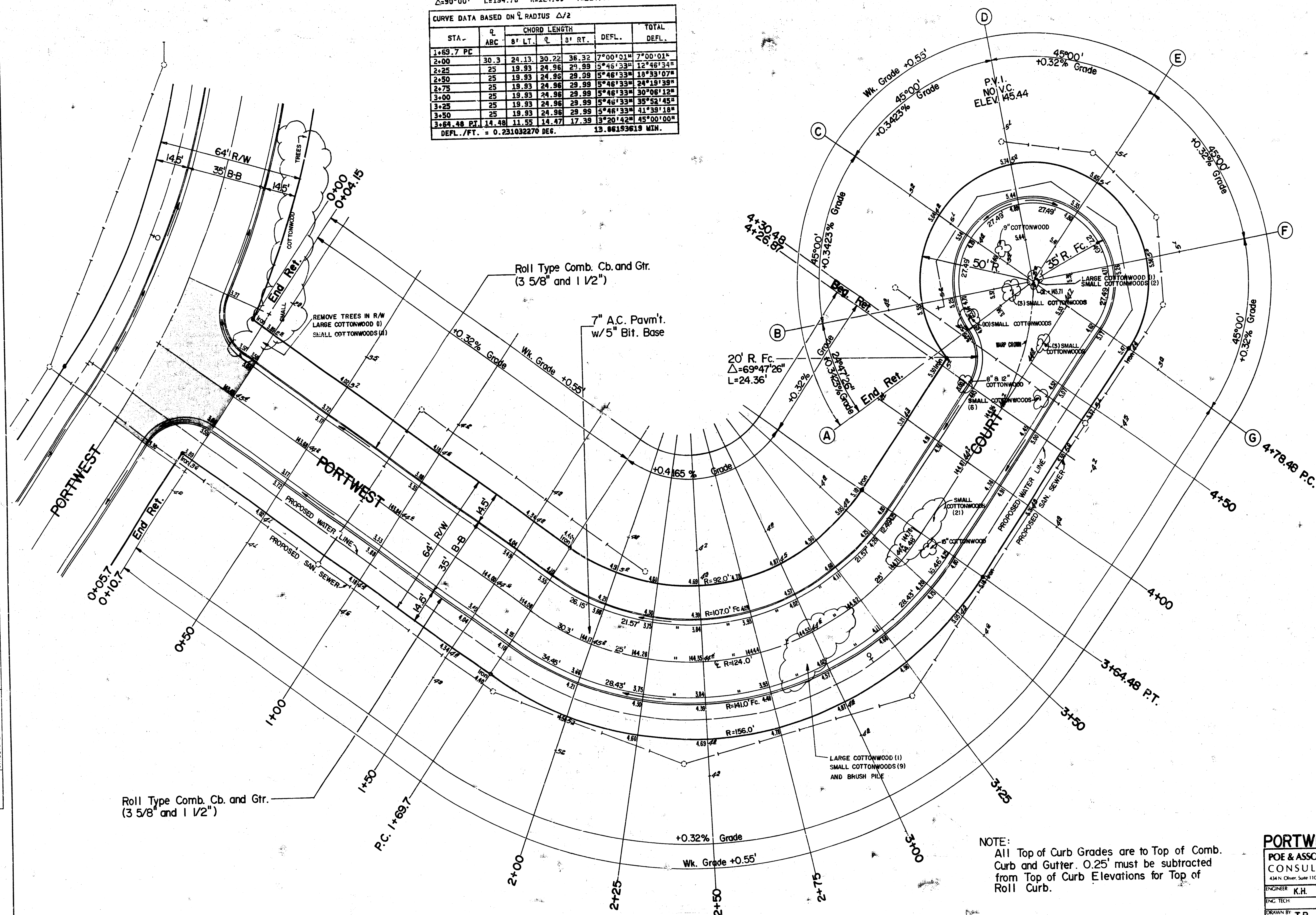
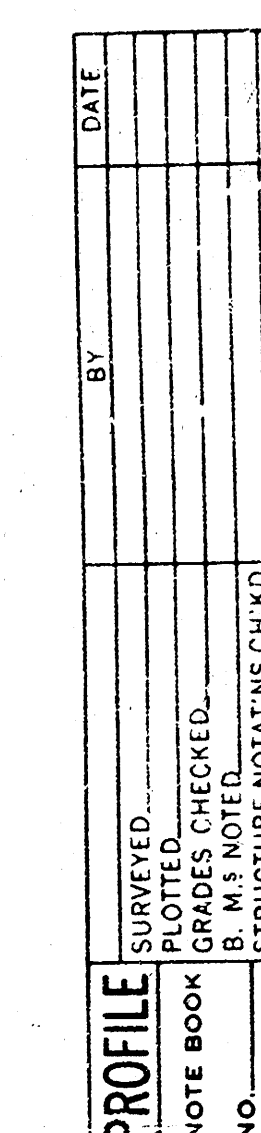
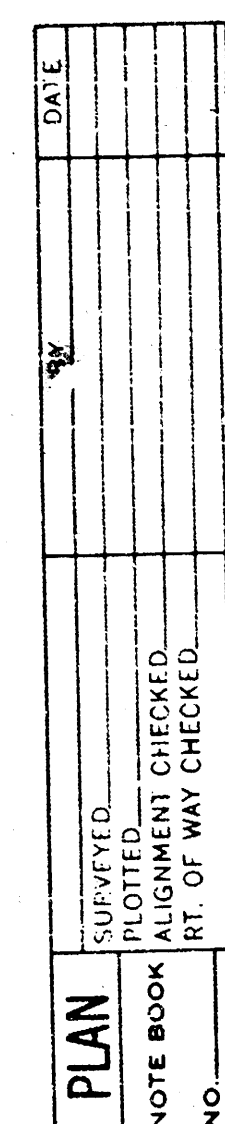
Scale: 1"=20'

INTERSECTION QUANTITIES	
212.8	S.Y. 7" Asphalt Pavement (5" Bit. Base)
19.5	S.Y. 2 1/2" Bit. Base
235.9	S.Y. Manipulation
65.6	L.F. Roll Type Comb. Cb. & Gtr.

NOTE:
All Top of Curb Grades are to Top of Comb.
Curb and Gutter. 0.25 must be subtracted
from Top of Curb Elevations for Top of
Roll Curb.

PORTWEST CIRCLE	
POE & ASSOCIATES OF KANSAS INC. CONSULTING ENGINEERS 4544 N. Glenside, Suite 110 Wichita KS 67208 316/685-4114	
ENGINEER K.H. ENG. TECH. DRAWN BY B.B. DATE OCT. 1988 SHEET 3 OF 12	7" Inch Residential Asphaltic Concrete Pavement with 5" Bituminous Base CITY OF WICHITA, KANSAS PROJECT NUMBER 472-76-245-81729-000-000-001

	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

[illegible]

NOTE:
All Top of Curb Grades are to Top of Comb.
Curb and Gutter. 0.25' must be subtracted
from Top of Curb Elevations for Top of
Roll Curb.

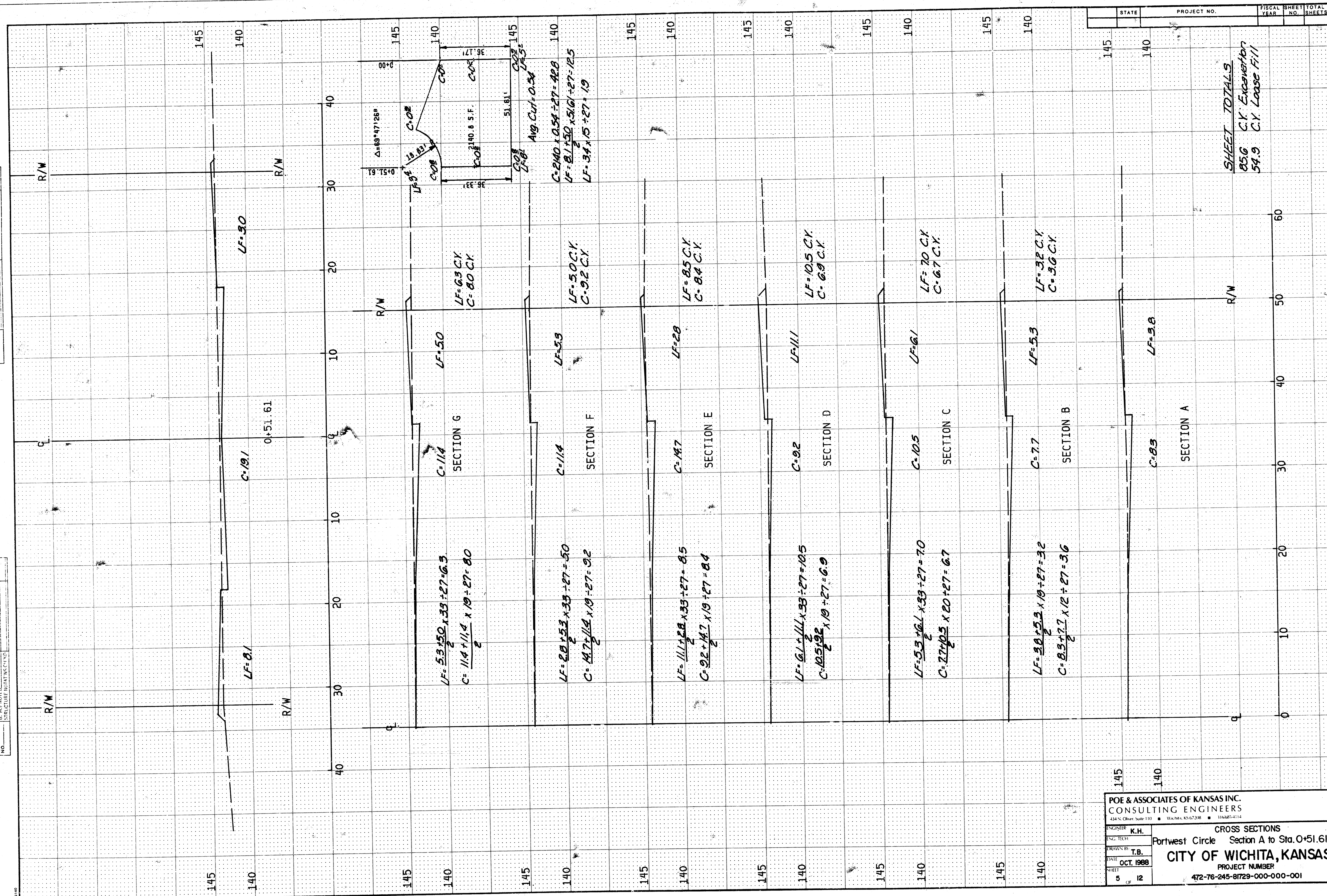
PORTWEST COURT

POE & ASSOCIATES OF KANSAS INC.
CONSULTING ENGINEERS

ENGINEER	K.H.	7" Inch Residential Asphaltic Concrete Pavement with 5" Bituminous Base CITY OF WICHITA, KANSAS
ENG. TECH		
DRAWN BY	T.B.	
DATE	OCT. 1988	
SHEET	4 12	
PROJECT NUMBER		
472-76-245 - 81729-000-000-00!		

PLAN	SURVEYED	DATE
NO.	NOTED	BY
	PLANNED	
	DESIGNED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NO.	NOTED	BY
	PLANNED	
	DESIGNED	
	CHECKED	
	BY	
	DATE	

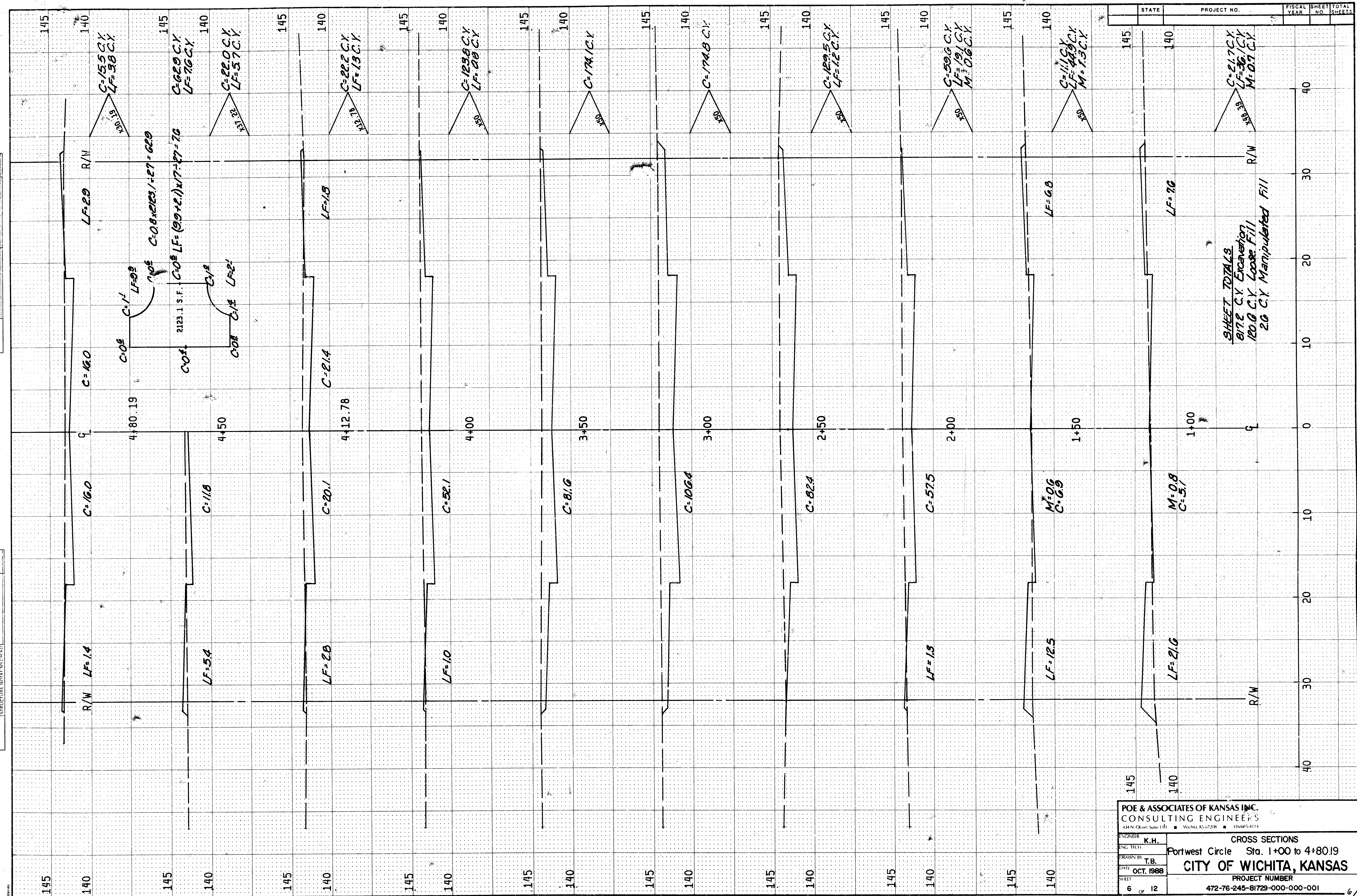


POE & ASSOCIATES OF KANSAS INC.		CONSULTING ENGINEERS	
1140 S. Olive, Suite 110		Wichita, KS 67208	
ENGINEER	K.H.	CROSS SECTIONS	
ENGINEER	T.B.	Portwest Circle	Section A to Sta. 0+51.61
DRAWN BY	T.B.	CITY OF WICHITA, KANSAS	
DATE	OCT. 1988	PROJECT NUMBER	
SHEET	5 OF 12	472-76-245-81729-000-000-001	

SHEET TOTALS
85.6 C.Y. Excavation
54.9 C.Y. Loose Fill

PLAN		DATE	
NO.	BY	DATE	BY
SURVEYED		DATE	
NOTED		DATE	
NOTED		DATE	
NOTED		DATE	

PROFILE		DATE	
NO.	BY	DATE	BY
SURVEYED		DATE	
NOTED		DATE	
NOTED		DATE	
NOTED		DATE	

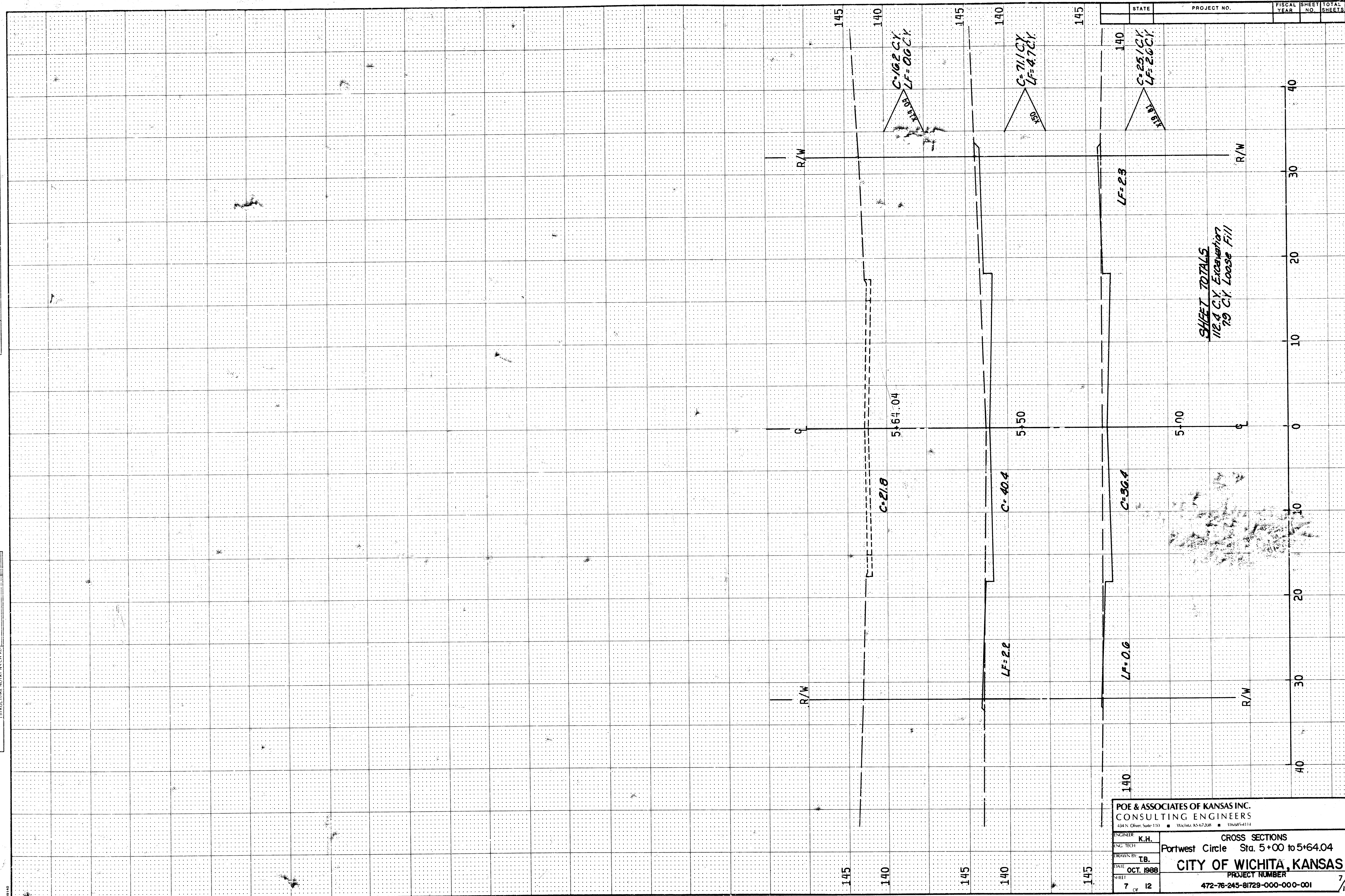


POE & ASSOCIATES OF KANSAS INC.		CONSULTING ENGINEERS	
434 N. Oliver, Suite 110		Wichita, KS 67208	
ENGINEER		K.H.	
DRAWN BY		T.B.	
DATE		OCT. 1988	
SHEET		6 OF 12	
PROJECT NUMBER		472-76-245-81729-000-000-001	
CROSS SECTIONS		Portwest Circle Sta. 1+00 to 4+80.19	
CITY OF WICHITA, KANSAS			

SHEET TOTALS
87.2 C.Y. Excavation
120.8 C.Y. Loose Fill
20 C.Y. Manipulated Fill

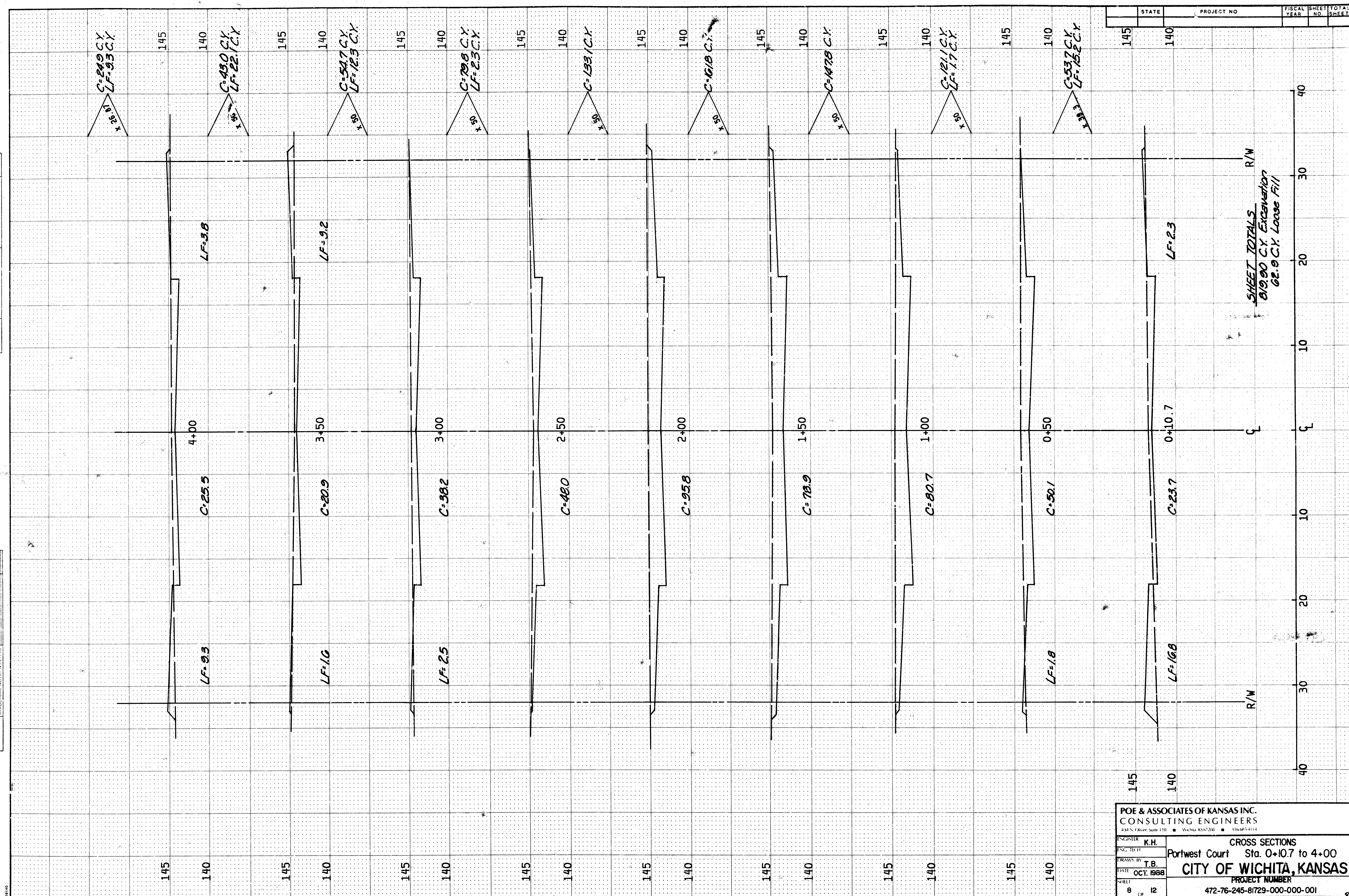
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PROFILE	SURVEYED	BY	DATE
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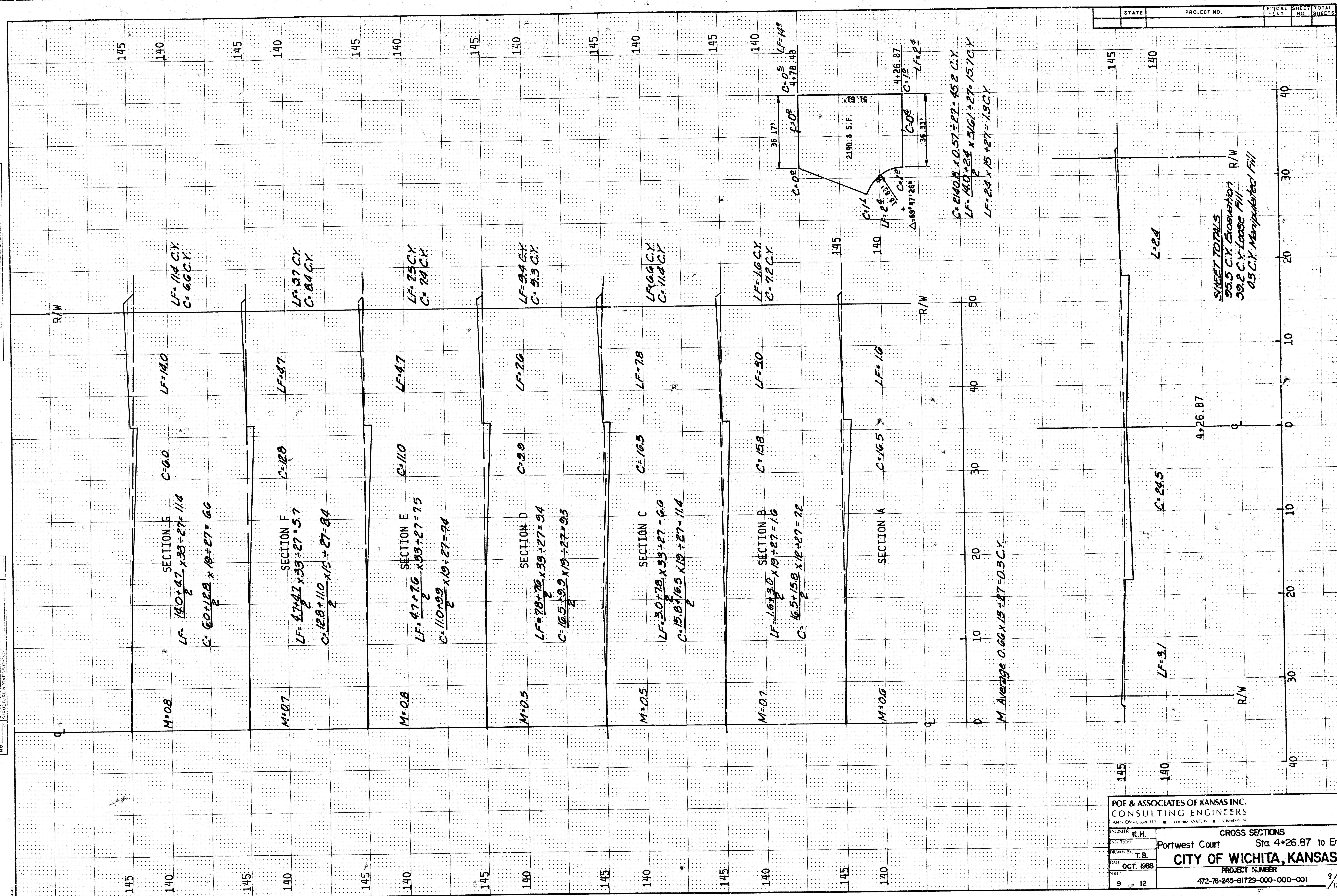
POE & ASSOCIATES OF KANSAS INC. CONSULTING ENGINEERS 444 N. Oliver, Suite 1100 • Wichita, KS 67208 • 316/625-4114	
ENGINEER K.H.	CROSS SECTIONS
DRAWN BY T.B.	Portwest Circle Sta. 5+00 to 5+64.04
DATE OCT. 1988	CITY OF WICHITA, KANSAS
SHEET 7 OF 12	PROJECT NUMBER 472-76-245-81729-000-000-001

PROFILE	SURVEYED BY _____ DATE _____
NOTE BOOK	PLOTTED _____
NO.	B. M.'S. NOTED _____



POE & ASSOCIATES OF KANSAS INC. CONSULTING ENGINEERS 1418 N. Oliver Suite 110 Wichita, KS 67202 Tel: 616/691-1114	
ENGINEER K.H. DSG, HCH DRAWN BY T.B. DATE OCT. 1988 SHEET 8 OF 12	CROSS SECTIONS Portwest Court Sta. 0+10.7 to 4+00 CITY OF WICHITA, KANSAS PROJECT NUMBER 472-76-245-81729-000-000-001

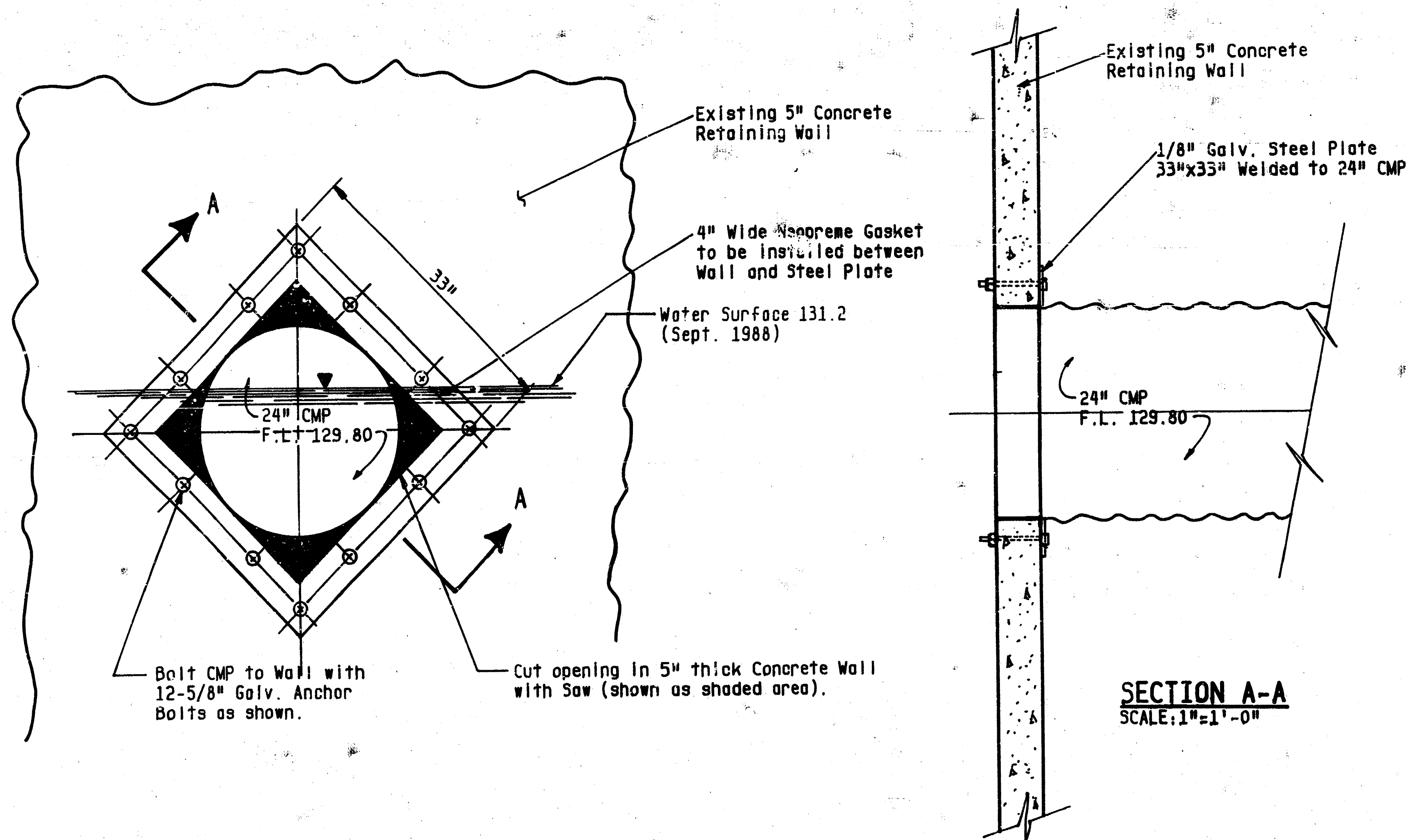
PROFILE	SURVIVED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____ GRADES CHECKED _____ U. M.S. NOTES _____		
NO			



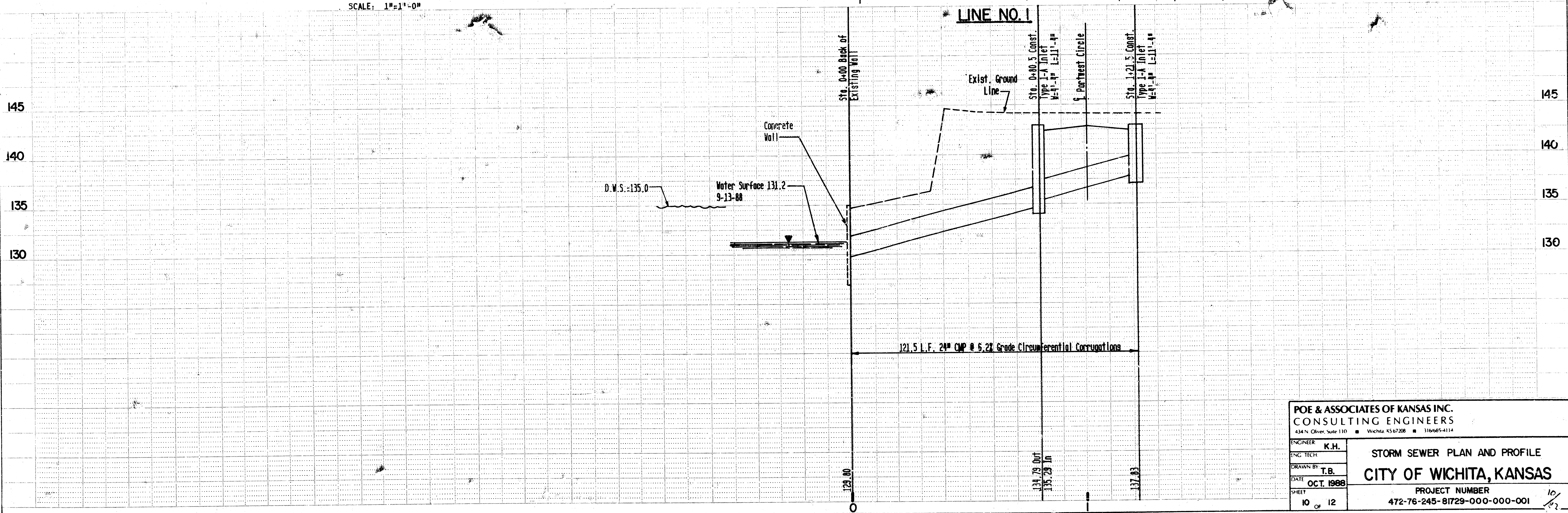
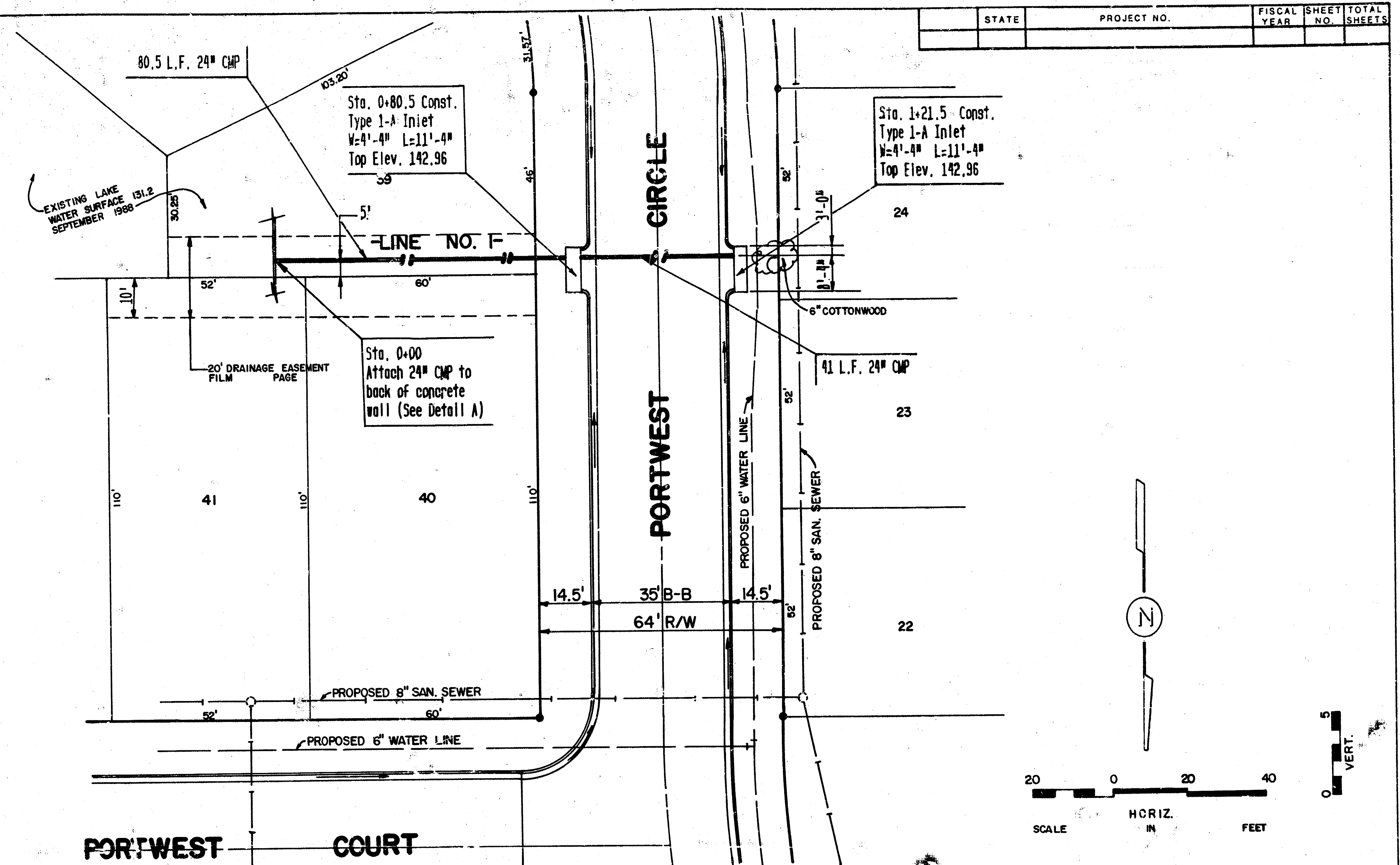
PLAN	DATE	BY	CHECKED
DESIGNED			
GRADES CHECKED			
NOTED			
STRUCTURAL NOTATION CHECKED			

PROFILE	DATE	BY	CHECKED
DESIGNED			
GRADES CHECKED			
NOTED			
STRUCTURAL NOTATION CHECKED			

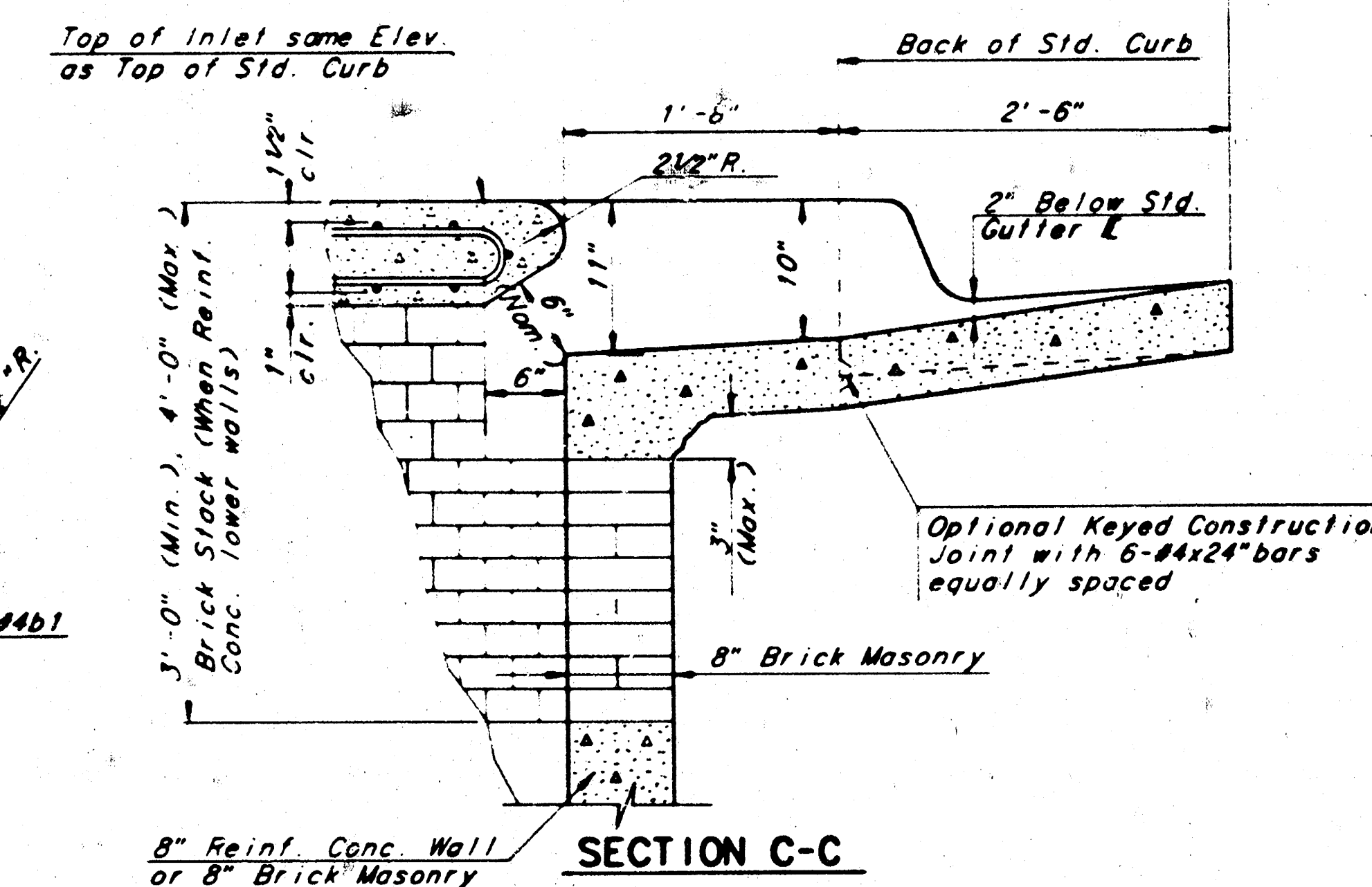
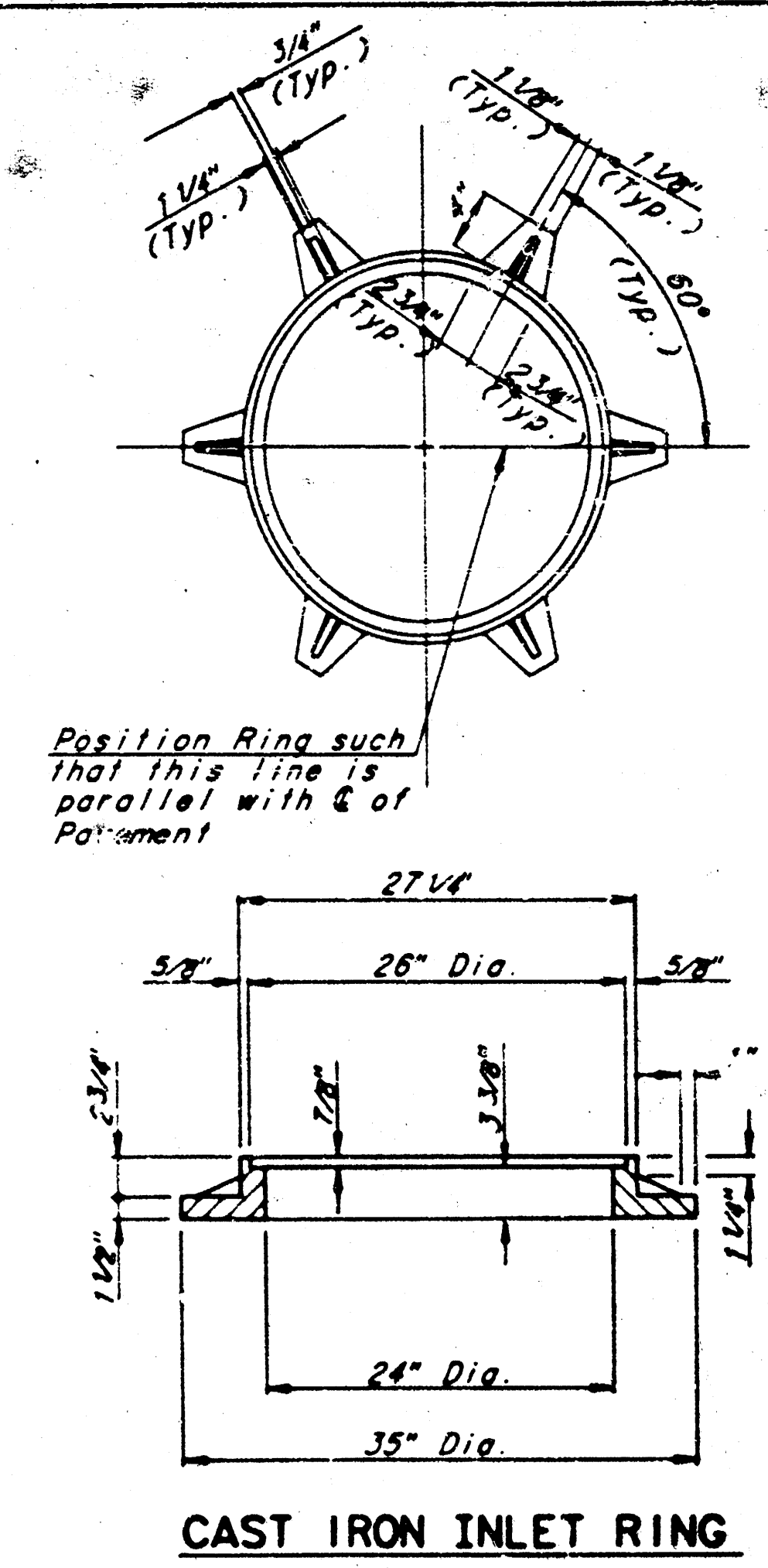
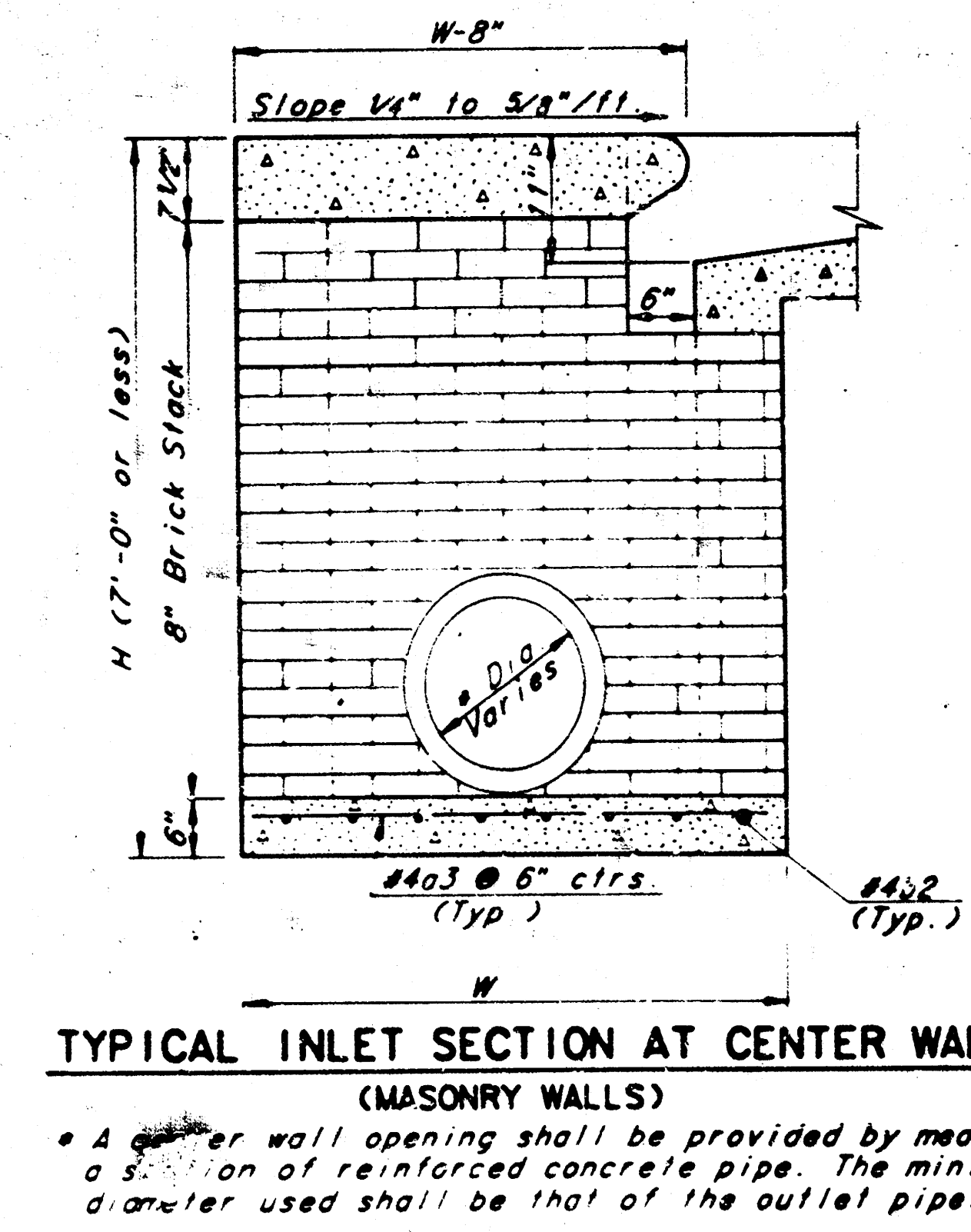
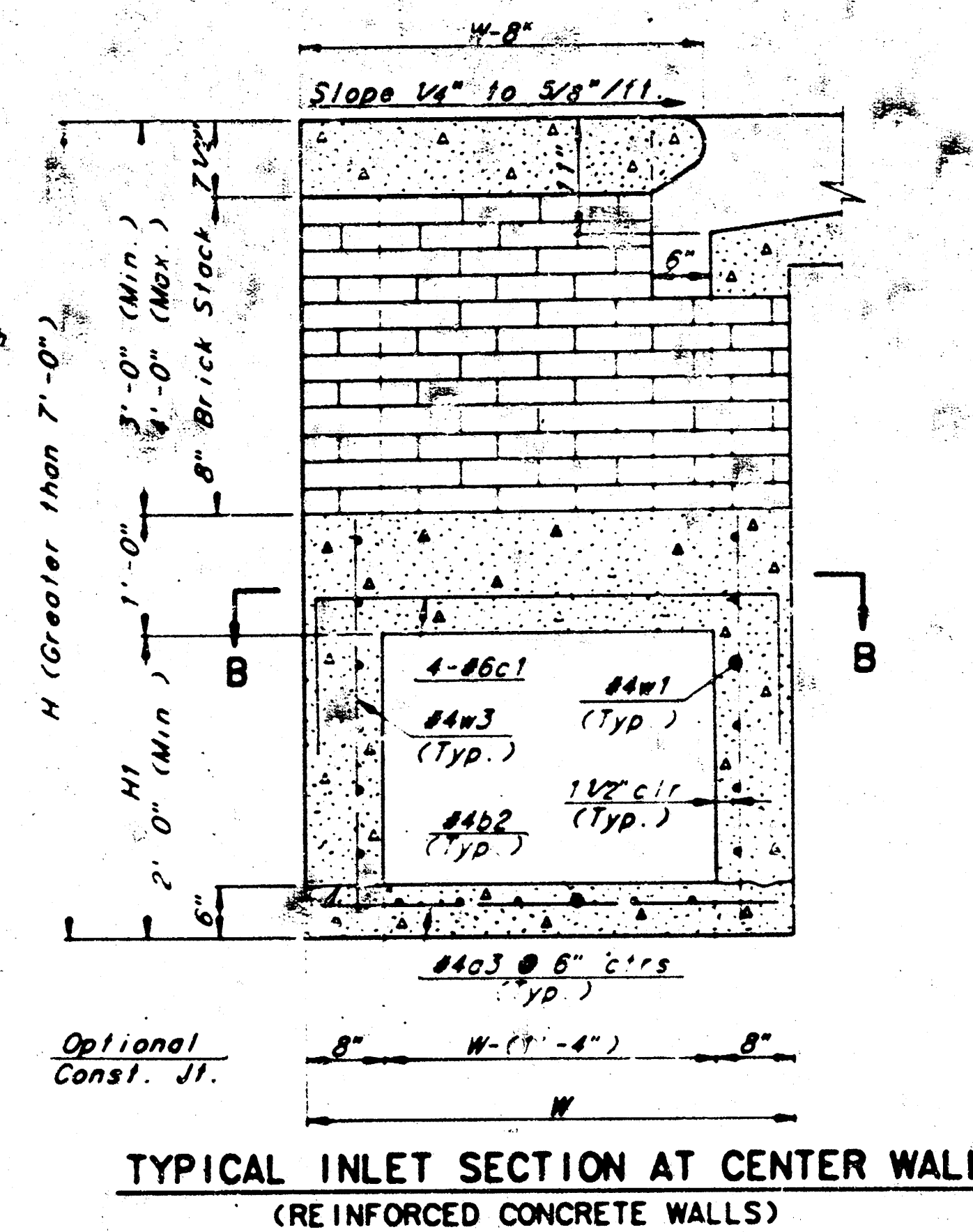
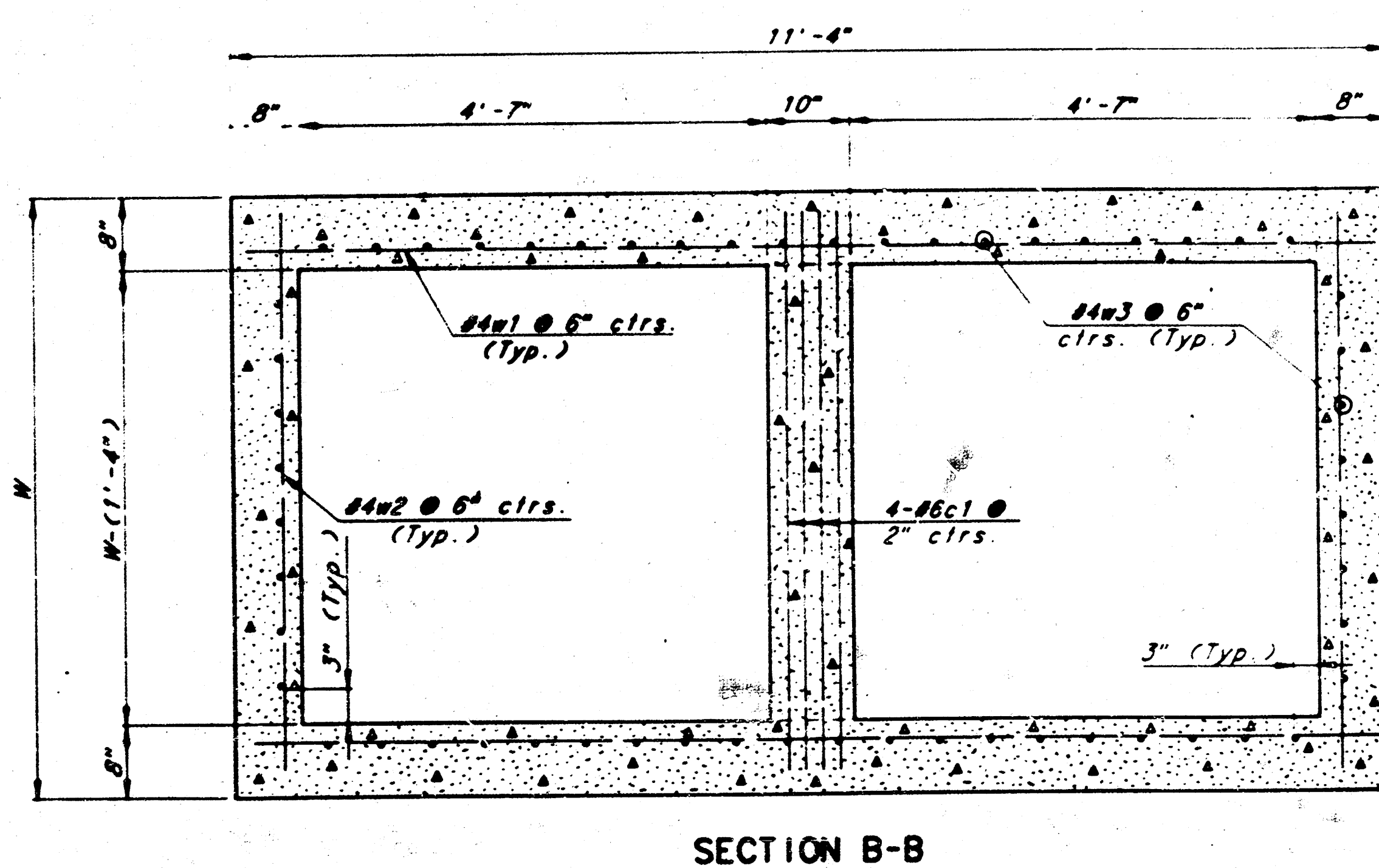
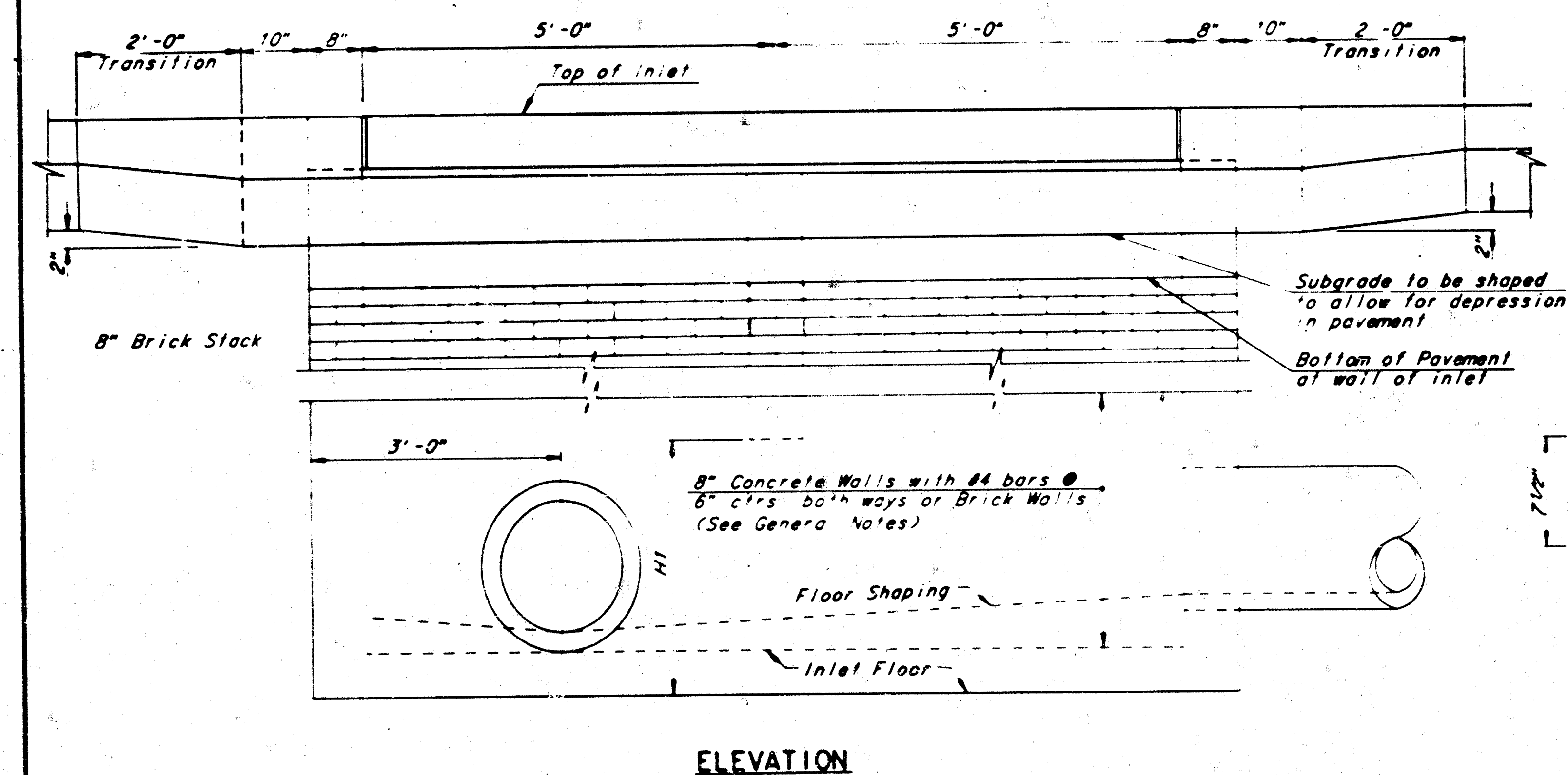
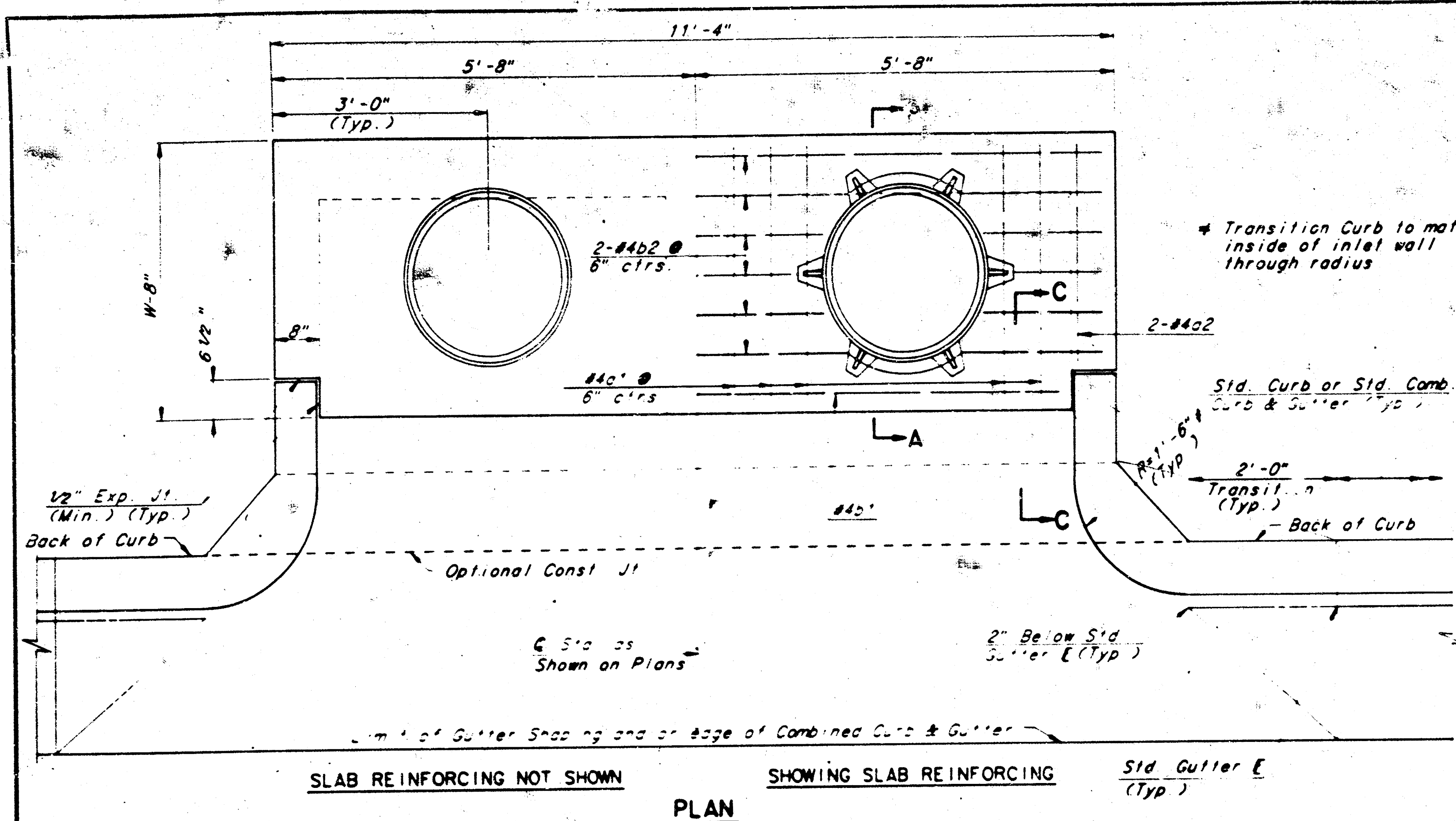
NOTE: Connections of the 24" CMP to the Concrete Wall shall be incidental to Project Costs.



DETAIL A
24" CMP CONNECTION TO CONCRETE WALL
SCALE: 1"=1'-0"

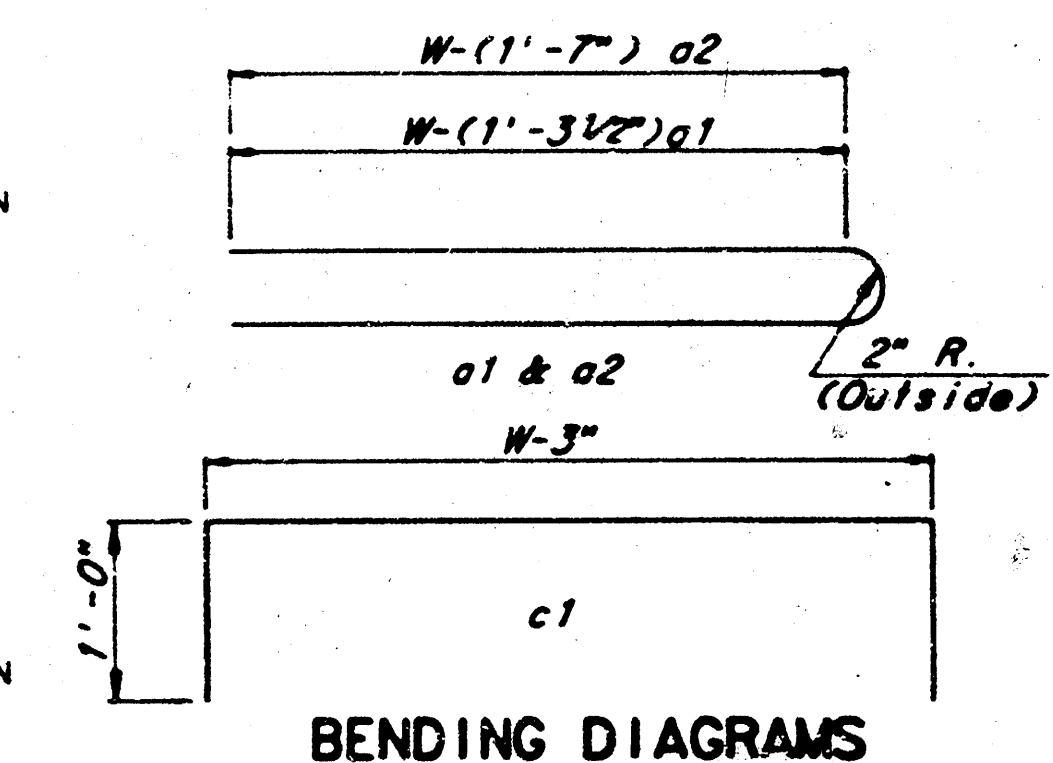


POE & ASSOCIATES OF KANSAS INC. CONSULTING ENGINEERS 434 N. Oliver, Suite 110 • Wichita, KS 67208 • 316-265-4114	
ENGINEER K.H. ENG. TECH. T.B. DATE OCT. 1988 SHEET 10 OF 12	STORM SEWER PLAN AND PROFILE CITY OF WICHITA, KANSAS PROJECT NUMBER 472-76-245-81729-000-000-001

[illegible][illegible]

* Field bend or cut Reinforcing as required for clearance
 ① $4(H1-6'') \cdot 4(H1-6'')$ Rounded down to nearest 0.5'
 ② $40 \cdot 4(W - 16'')$ ③ $H1 \cdot (9'')$

GENERAL NOTES

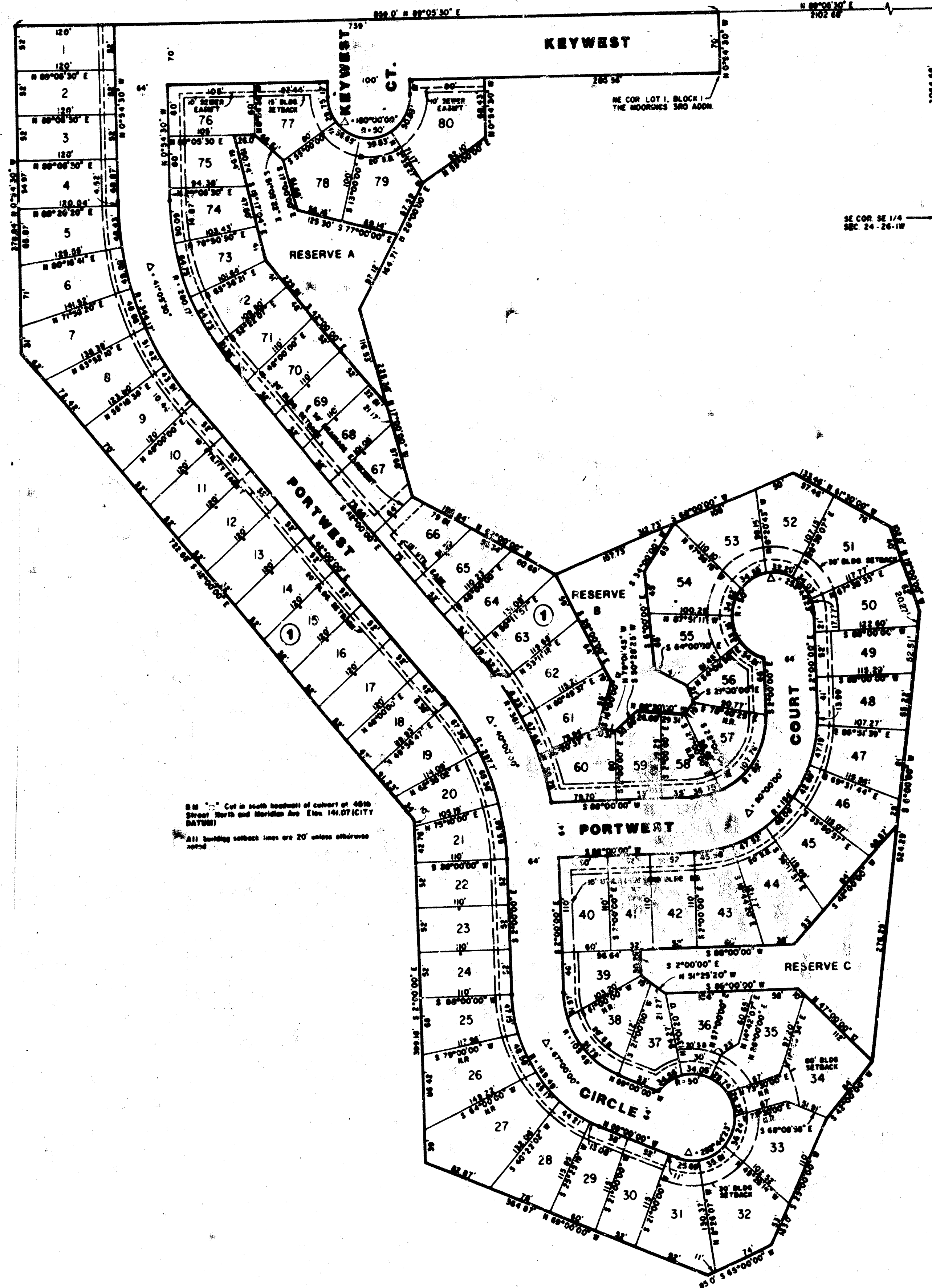


STANDARD TYPE 1A
CURB INLET
INLET OPENING = 6" x 10' - 0"

PROJECT NO. 472-76-245-81729-000-000-001			
WICHITA, KANSAS			
Designed by	BER, KJS, AMB	Checked by	AMB
Drawn by	JGP	Date	Nov. 1, 1984
		Job No.	

Designed by	BER, KJS, AMB	Checked by	AMB
Drawn by	JGP	Date Nov., 1984	Job No.

D 1-35



THE MOORINGS 4TH ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

Book of Covenants & Restrictions F 9a7, Pg 758

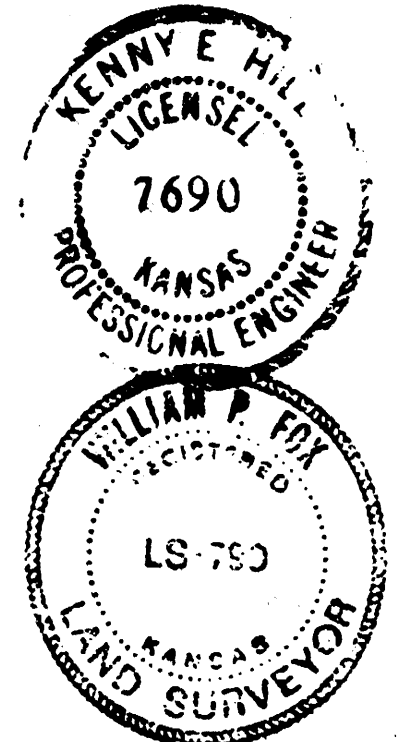
STATE OF KANSAS COUNTY OF SEDGWICK } SS.

We, Kenny E. Hill, and William P. Fox, being duly licensed respectively as a Professional Engineer and Land Surveyor in said County and State, do hereby certify that we have plotted and surveyed THE MOORINGS 4th ADDITION to Wichita, Sedgwick County, Kansas, being described as follows:

Commencing at the Southeast Corner of the Southeast Quarter (SE1/4) of Section 24, Township 26 South, Range 1 West of the 6th P.M. Sedgwick County, Kansas; thence N 09°00'30" W for a distance of 2064.68 feet to the Northeast Corner of THE MOORINGS, an addition to Wichita, Sedgwick County, Kansas; thence S 89°05'30" W for a distance of 2102.69 feet to the point of beginning, thence S 0°54'30" E for a distance of 70 feet to the Northeast Corner of Lot 1, Block 1 of THE MOORINGS 3rd ADDITION; thence continuing on the boundary of THE MOORINGS 3rd ADDITION for the next 7 courses S 69°05'30" W for a distance of 286.56 feet; thence S 0°54'30" E for a distance of 68.43 feet; thence S 55°00'00" W for a distance of 92.10 feet; thence S 28°00'00" W for a distance of 164.71 feet; thence S 17°00'00" E for a distance of 225.38 feet; thence S 62°00'00" E for a distance of 195.84 feet; thence N 68°00'00" E for a distance of 312.73 feet; thence S 61°30'00" E for a distance of 133.46 feet; thence S 19°00'00" E for a distance of 102.0 feet; thence S 6°00'00" W for a distance of 524.29 feet; thence S 42°00'00" W for a distance of 84.00 feet; thence S 25°00'00" W for a distance of 163.00 feet; thence S 65°00'00" W for a distance of 85.00 feet; thence N 69°00'00" W for a distance of 364.87 feet; thence N 2°00'00" W for a distance of 399.18 feet; thence N 42°00'00" W for a distance of 122.65 feet; thence N 09°54'30" W for a distance of 378.84 feet; thence N 89°05'30" E for a distance of 859.00 feet to the point of beginning, containing 18.21 acres more or less. The bearing of the East line of said Southeast Quarter (SE1/4) is assumed to be N 0°00'30" W. The accompanying plat is a true and correct exhibit of property surveyed.

Dated this 16TH day of SEPTEMBER, 1987.

Kenny E. Hill, P.E. (SEAL)
William P. Fox, L.S. (SEAL)



KNOW ALL MEN BY THESE PRESENTS:

That we, MIBAC, Inc., have caused the land described in the Engineer's Certificate to be platted into lots, a block, streets and reserves. The streets are hereby dedicated to and for the use of the public. Easements are hereby granted as indicated for the construction and maintenance of drainage and utilities. Reserve "A", "B" and "C" are reserved for open space and a lake to be owned and maintained by a lot (or home) owners' association. Development of this property shall be in accordance with The Moorings Community Unit Plan a copy of which is on file in the Metropolitan Area Planning Department.

MIBAC, INC.

C. Bill Bachman
C. Bill Bachman, President

STATE OF KANSAS COUNTY OF SEDGWICK } SS.

Be it remembered that on this 16th day of SEPTEMBER, 1987, before me, a Notary Public in and for said County and State, came MIBAC, Inc., by its President, C. Bill Bachman, to me known to be the same person who executed the foregoing instrument duly acknowledged by me. In testimony whereof, I have hereunto set my hand and affixed my Notarial Seal the day and year above written.

My Appointment Expires 4-28-88

Carol A. Dumas
Notary Public Carol A. Dumas (SEAL)

This Plat of THE MOORINGS 4th ADDITION to Wichita, Sedgwick County, Kansas has been submitted and approved by this WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION, Wichita, Kansas.

Dated this 20th day of August, 1987

WICHITA SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION
Mary Ellen Cullen, Vice-Chairman
Marvin S. Krout, Secretary (SEAL)

This Plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 13th day of OCT, 1987.

Robert G. Knight, Mayor
Dale E. Rea, Deputy City Clerk (SEAL)

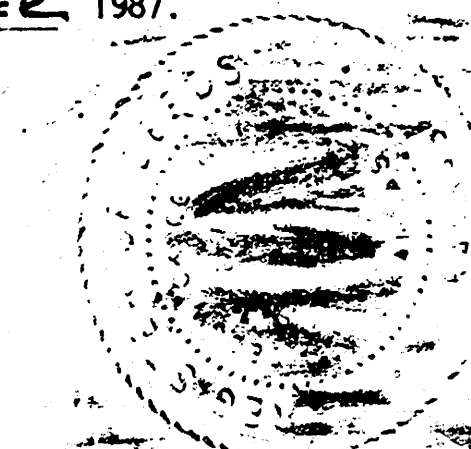
Entered on transfer record this 23rd day of October, 1987.

Don Wright, County Clerk

STATE OF KANSAS COUNTY OF SEDGWICK } SS.

This is to certify that this instrument was filed for record in the Register of Deeds office at 12:30 P.M. on the 23rd day of OCTOBER, 1987.

Pat Kettler, Register of Deeds
Ed Resa, Chief Deputy
PROJECT NUMBER: 472-76-245-81729-000-000-001



12/12/87
D 1-35