

PLANS FOR A
**REINFORCED CONCRETE BOX
 CULVERT ON GATEWOOD STREET
 IN AUTUMN CHASE**
PROJECT NO.
468-76-245-81728-000-000-001

CITY OF WICHITA, KANSAS
 MICHAEL E. LINDENBACH, CITY ENGINEER
 JULY 1987

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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.
2. 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 CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT OF WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

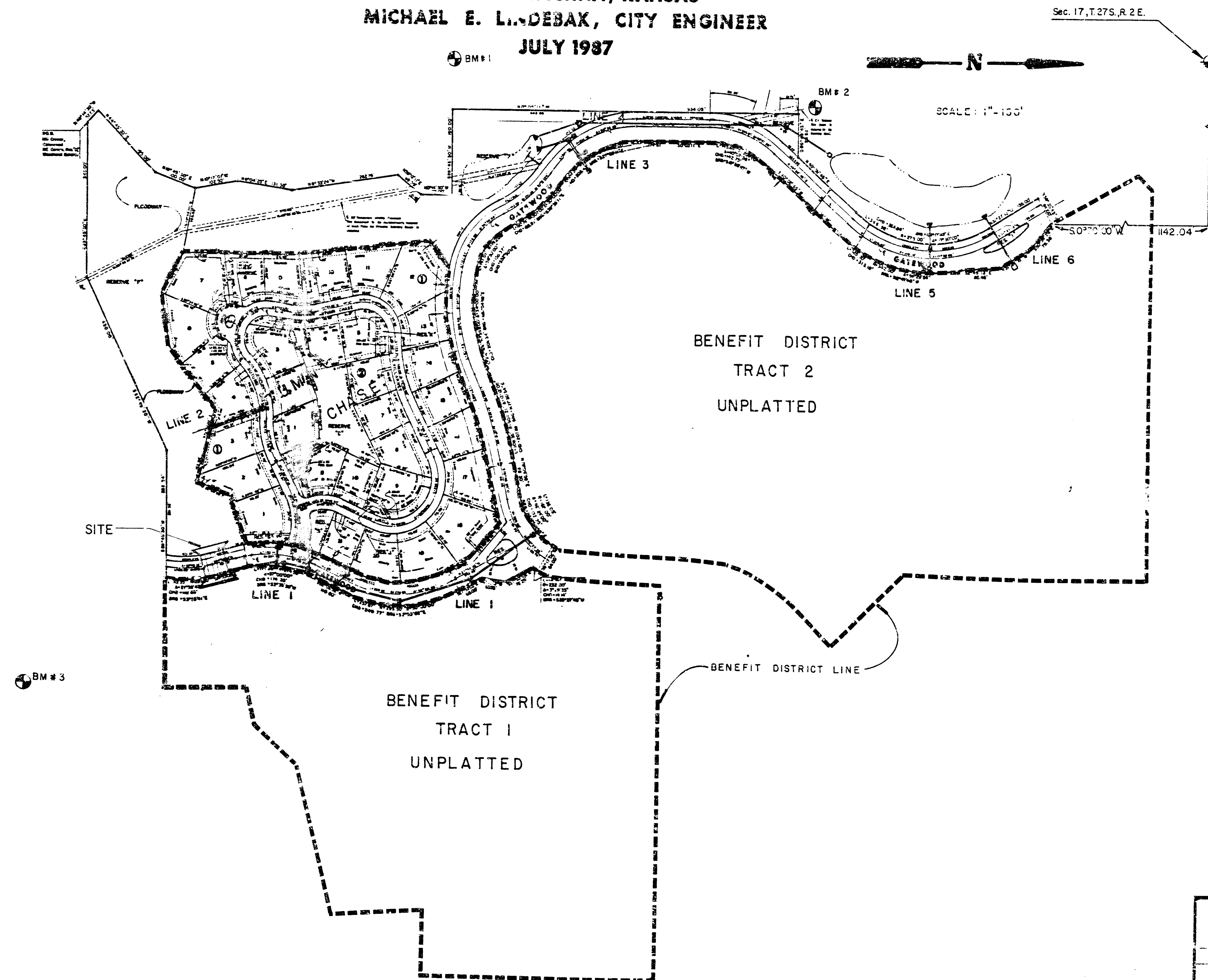
NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

CABLEVISION	262-0661
KPL GAS SERVICE	263-7511
KANSAS GAS & ELECTRIC	264-1141
KPLA GAS COMPANY	947-3350
BELL TELEPHONE COMPANY	1-316-571-2115

3. HANDRAILS ARE TO BE CONSTRUCTED BY OTHERS.
4. ALL EXCAVATED MATERIAL SHALL BE PLACED AROUND AND ON TOP OF THE COMPLETED BOX, COMPACTED TO 90% DENSITY.
5. THE EXISTING 24" CMP SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER.
6. EXCAVATION, SITE PREPARATION, GRADING, RE-GRADING, COMPACTION AND RE-SHAPING OF THE SITE SHALL BE SUBSIDIARY TO THIS PROJECT.
7. WATER SURFACE ELEVATIONS SHOWN ARE AT THE LEVELS ON THE DATE OF SURVEY AND MAY HAVE OR WILL CHANGE BY THE DATE OF CONSTRUCTION. COSTS OF PUMPING OR OTHERWISE DEALING WITH LAKE WATER AS NECESSARY IS CONSIDERED SUBSIDIARY TO THIS WORK.

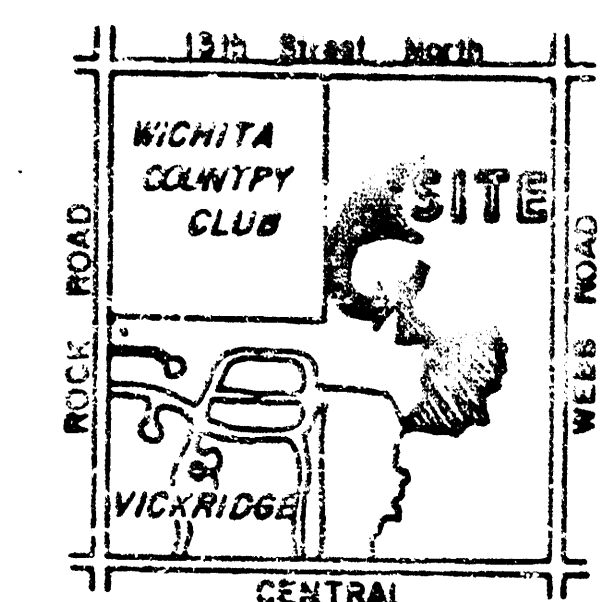
BENCH MARKS

- B.M. #1 Spk. Step in Corner Fence Post 660.00
 Feet E. & 40.00 Feet S. of Cor. Section
 Elev. = 176.09
- B.M. #2 Spk. Step in Corner Fence Post S.E. Corner
 Lot 4, Blk 1, Woodcrest Addition
 Elev. = 179.74
- B.M. #3 60 "D" Nail in West Root of 20" Elm
 Tree 50' N. & 10' W. of Northeast Corner
 Minnehah School Lot
 Elev. = 176.09



INDEX TO DRAWINGS

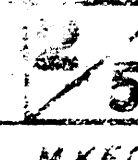
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN
3-4	DETAILS
5	FINAL PLAT

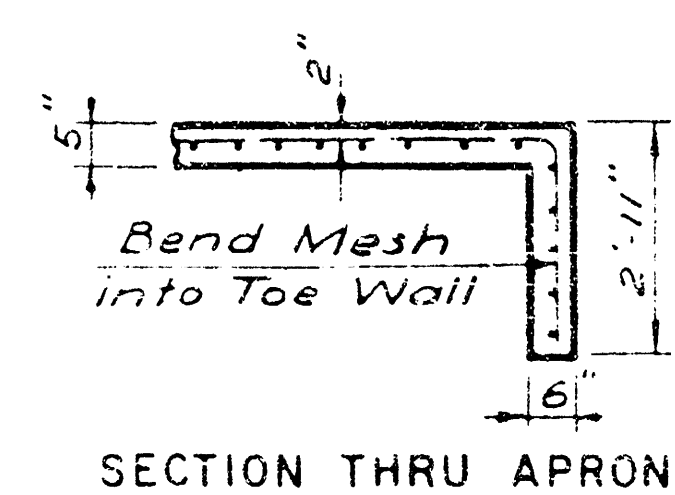
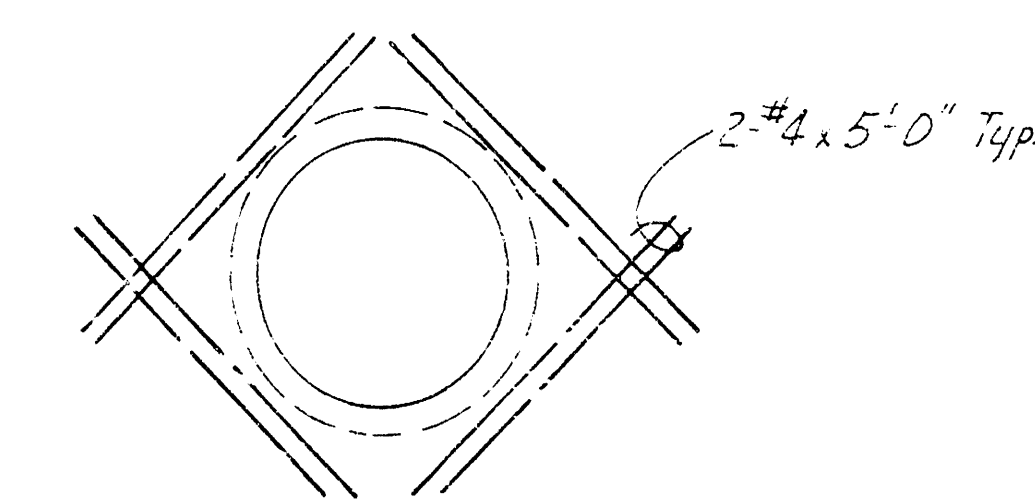
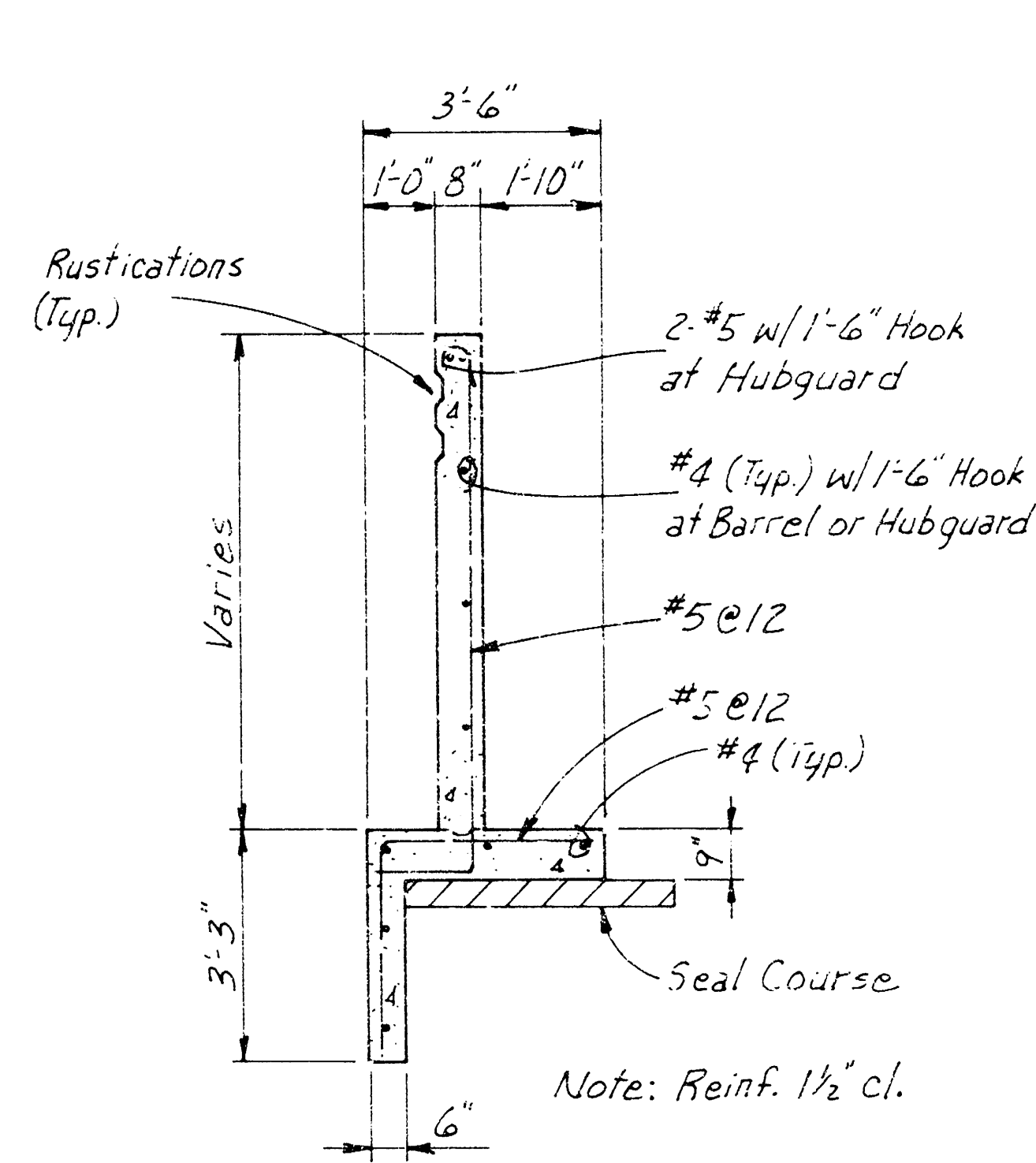
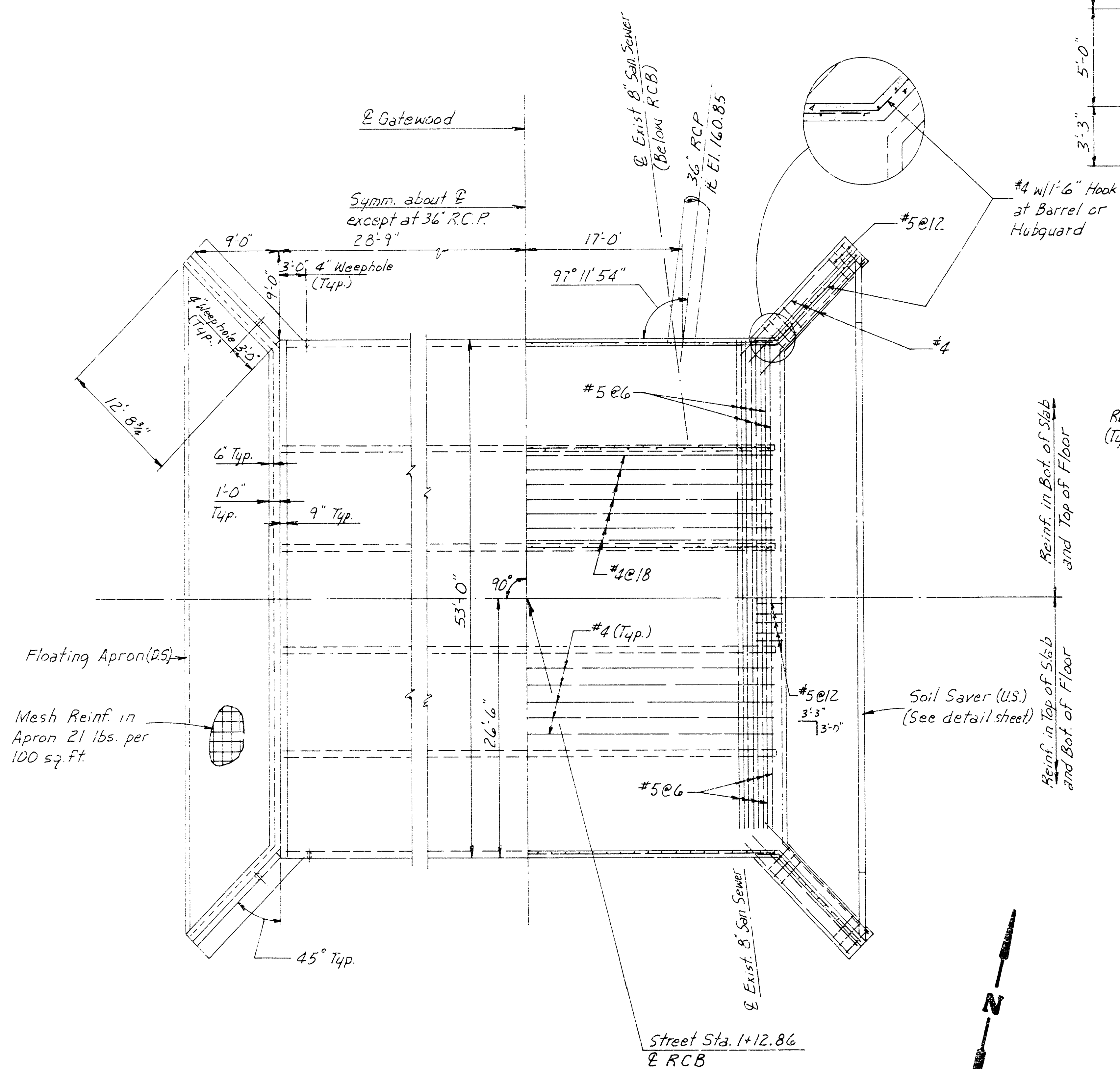
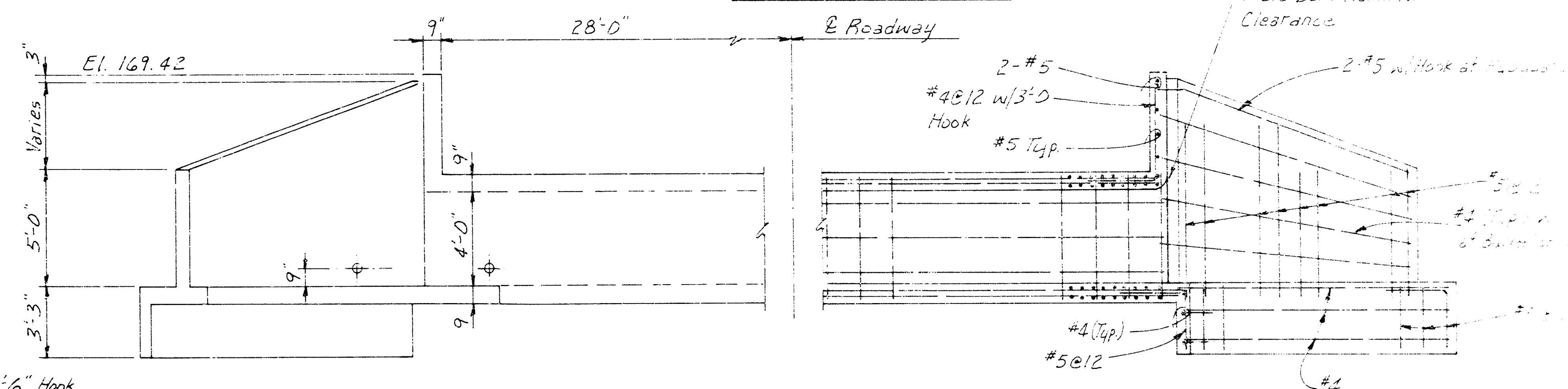
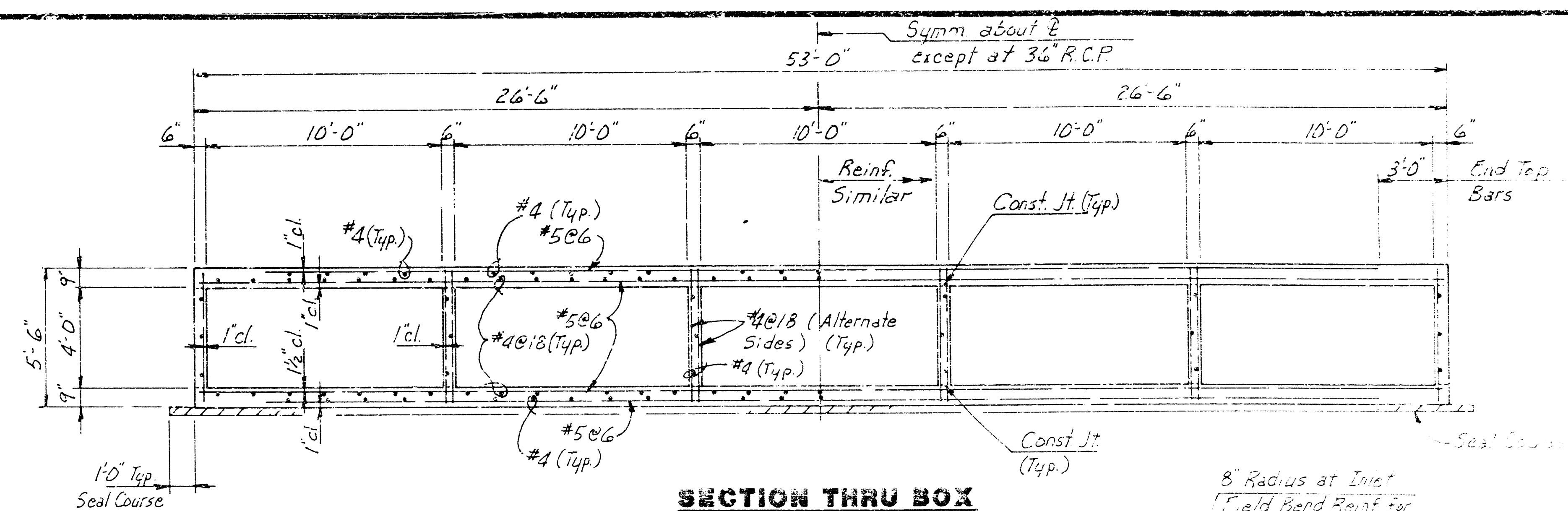
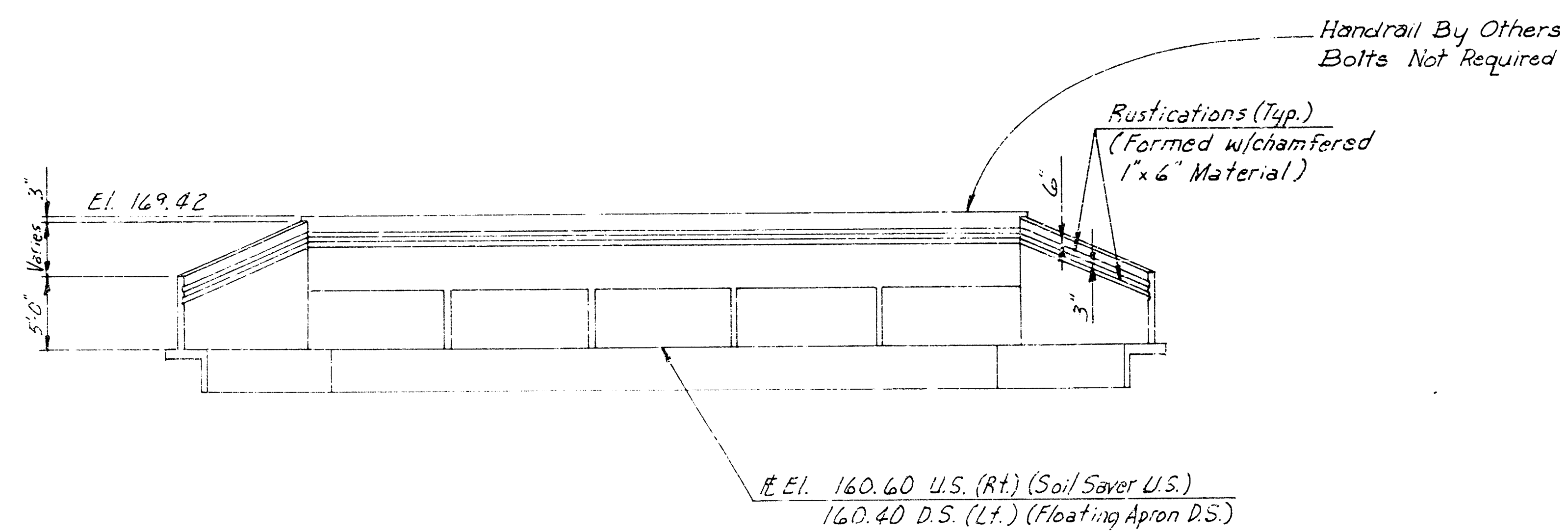


LOCATION MAP

	AUTUMN CHASE		F.B.N.
	RCBC ON GATEWOOD		E.C.G., K.S.M.
			D.S.
			DATE
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226			Sheet 1 5

SCALE: 1"=20' HORIZ
1"=5' VERT





LOADING: H20-44 AASHTO Specifications, Edition of 1994
UNIT STRESSES: $f_c = 4,000$ psi, $f_s = 24,300$ psi (Gr. 60)
The concrete mix specified for the City of Wichita
concrete Pavement shall be used throughout. Bavel all
exposed edges with a 3/4" triangular molding, unless
otherwise noted. The contractor shall adjust the con-
crete water content to attain a minimum 28-day strength
of 4,000 psi.

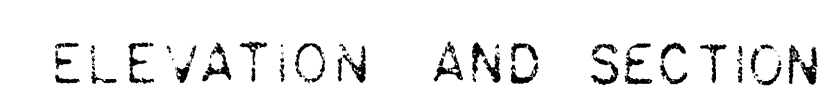
Coarse Aggregate shall be deposited behind each weephole to occupy a space extending 15" in all directions above the weephole flowline. This work shall not be paid for directly, but shall be considered as part of the excavation work.

Construction joints shall be formed only at locations shown or as approved by the Engineer.

A Seal Course, of 3" of concrete shall be constructed under the entire floor slab and wing footings. No reinforcing steel shall be placed until the Seal Course has gained sufficient strength to permit working upon it without injury. This item shall not be paid directly but be considered subsidiary to other items.

The steel reinforcing and bar supports shall be supplied in accordance with the "Manual of Standard Practice" of the Concrete Reinforcing Steel Institute. The shop drawings for all reinforcing steel shall be submitted to the Engineer for examination prior to fabrication.

	AUTUMN CHASE		FBN ECG/KSM C-3 JULY, 1987 40-10
	R.C.B. DETAILS		
	PROJECT NO 468-75-245-81728 -200-000-00		
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226			Sheet 3 of 5



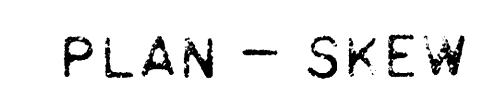
GENERAL NOTES

CONCRETE Class A Concrete shall be used throughout.##
All exposed edges shall be finished with an edging
tool

REINFORCING: All dimensions are to ϕ of bar. Wire reinforcing mesh shall be electrically welded and shall be composed of No. 14 wire at 6" centers each way. ~~Weight of reinforcing mesh shall be classified as pounds of reinforcing steel.~~

When holes in the apron are warranted by drainage conditions, they shall be constructed as directed by the Engineer.

Note: See appropriate culvert spec. for dimensions and angles.
 ## Class A Concrete = Concrete Mix specified for City of
 Wichita Concrete Pavement.



NOTE: ALL REINFORCING BARS ARE NO. 4 BARS

The image shows a vertical strip of seven identical forms, each representing a 'STATION' identification card. Each form is crossed out with a large diagonal line from the top-left to the bottom-right. The fields on each form are as follows:

- STATION**: (Header)
- Letter**: M
- Dimension**: 1/2
- Bar**: 1/2
- Number**: 1/2
- Length**: 1/2

The forms are arranged vertically, with each one slightly offset to the right relative to the one below it, creating a cascading effect.

Quantities include apron and roll silver quantities.

If bars are variable increase by increments of 1 for $\frac{3}{4}$ and 2 for $\frac{1}{2}$.
Cut 2 each length.

Station	Quiver Size	Side	θ	name
1+12.86	5'-10"x4'	Rt.	1°42'	✓

DEPARTMENT OF TRANSPORTATION

SOIL SAVER
FOR R.C. CULVERTS

STD. NO. 5201

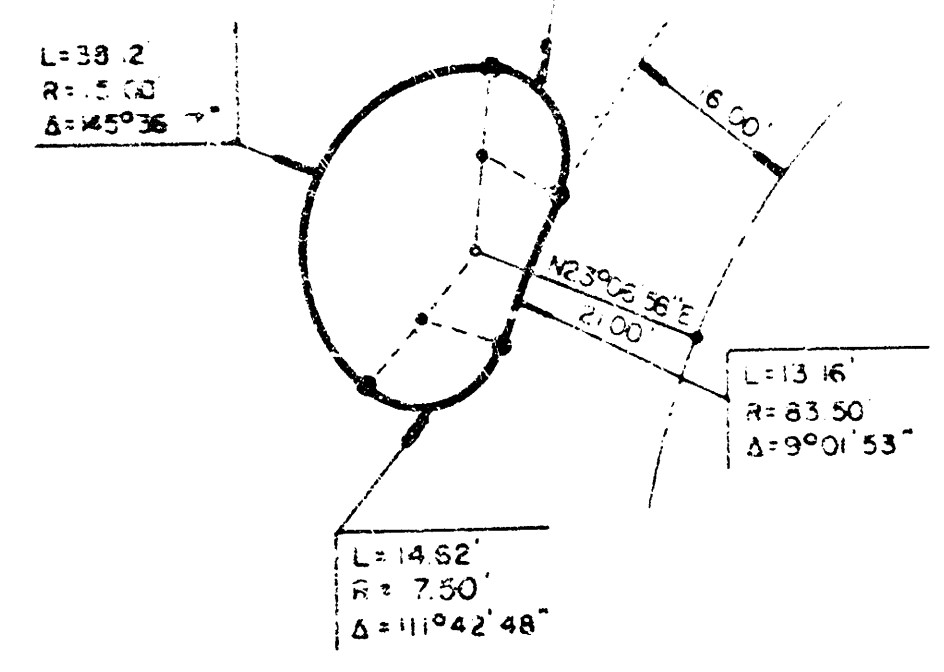
C-2-3-27-A

FINAL PLAT OF
AUTUMN CHASE
AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

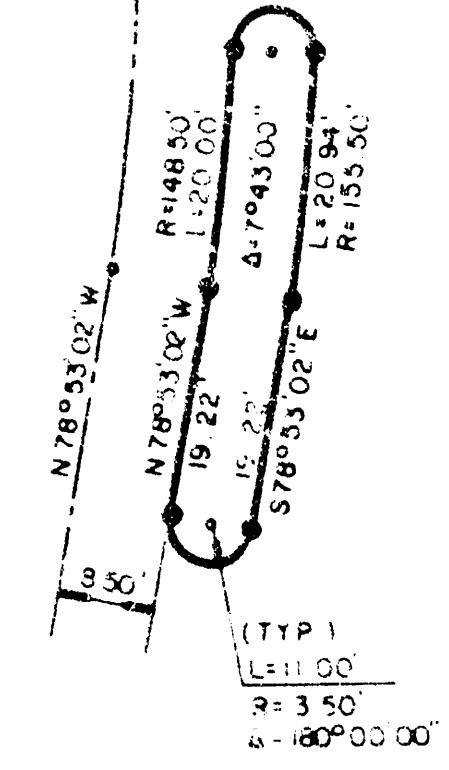
P.O.B.
NW Corner,
Gatewood
NE Corner, Res. "D",
Woodland Estates

LOT	AREA	MIN.	MAX.
1	168.0	168.0	168.0
2	159.0	159.0	159.0
3	172.0	172.0	172.0
4	172.0	172.0	172.0
5	171.0	171.0	171.0
6	172.0	172.0	172.0
7	172.0	172.0	172.0
8	173.0	173.0	173.0
9	174.0	174.0	174.0
10	177.0	177.0	177.0
11	177.0	177.0	177.0
12	178.0	178.0	178.0

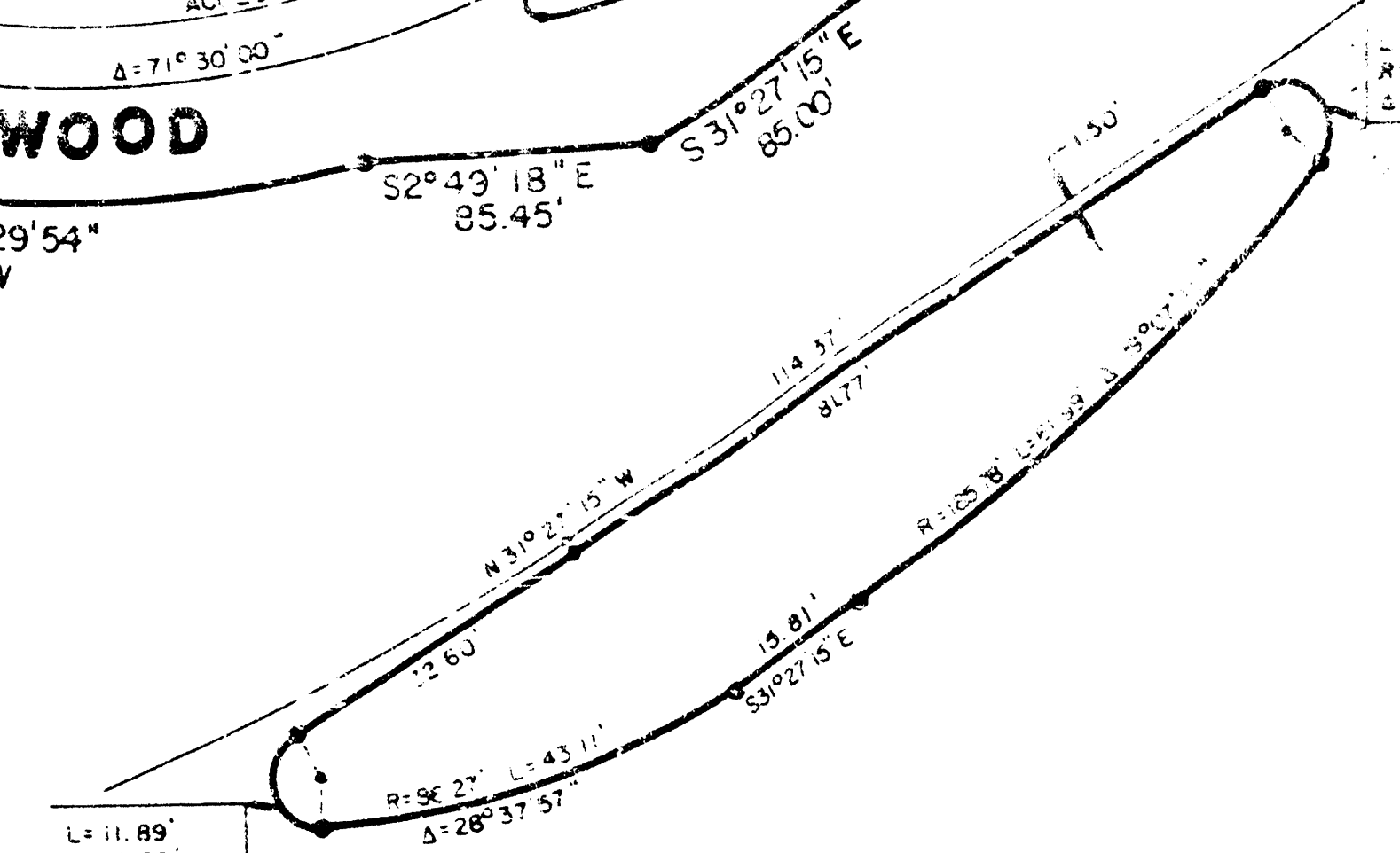
RESERVE "E" DETAIL



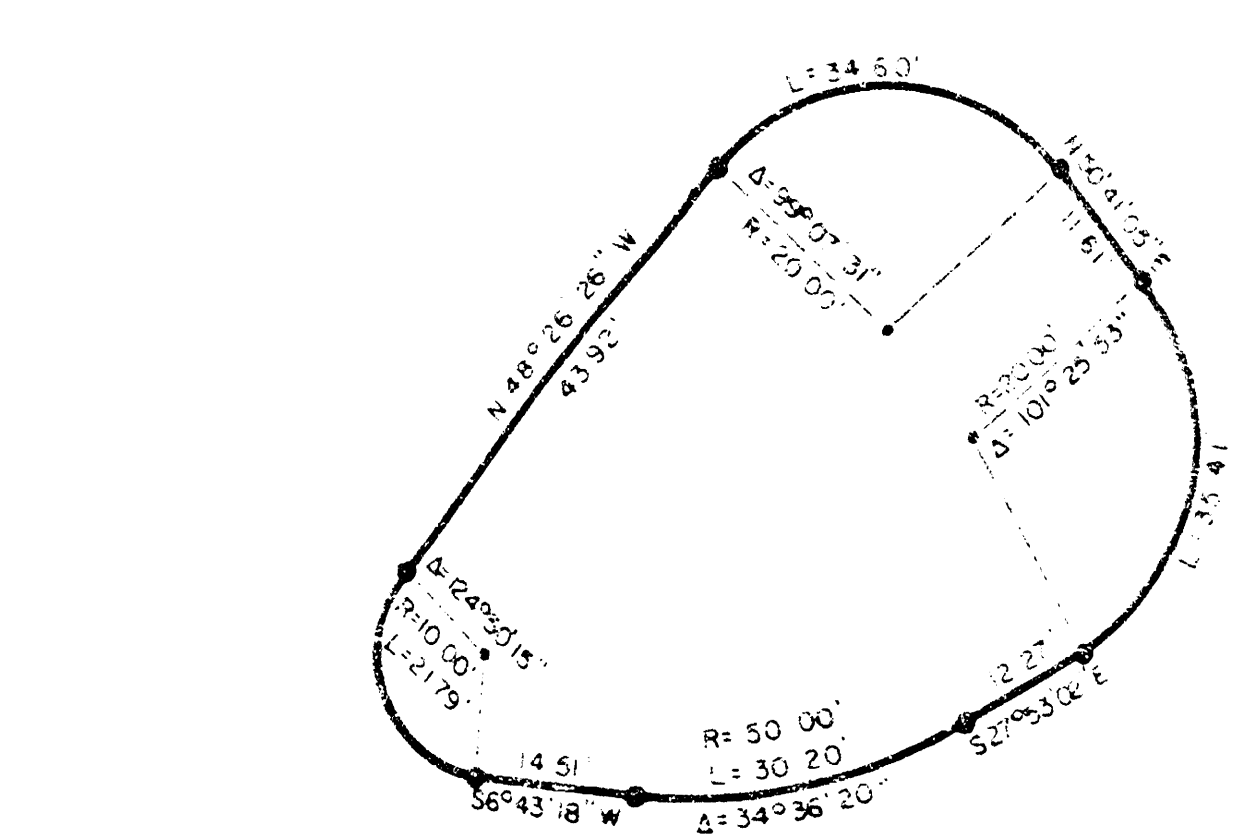
RESERVE "C" DETAIL



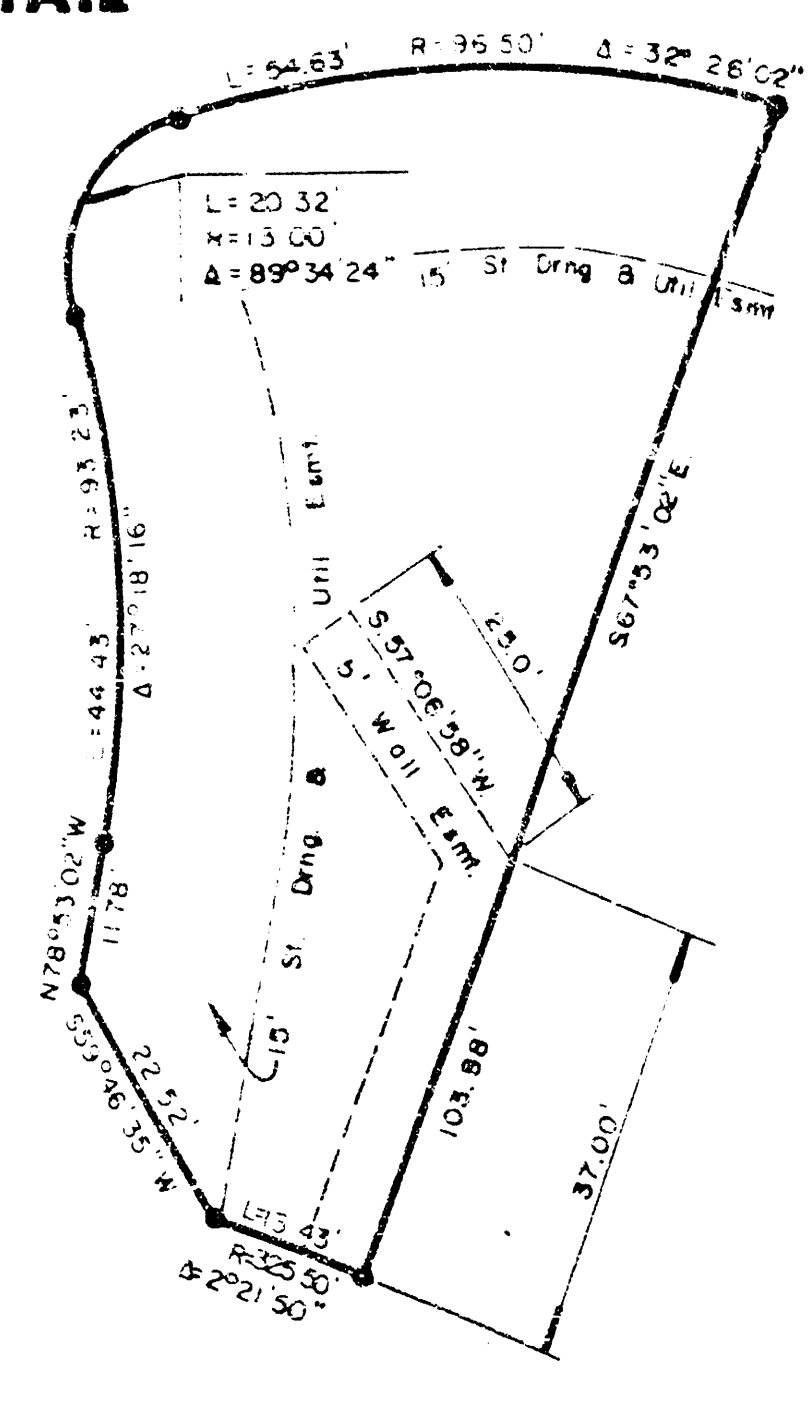
RESERVE "I" DETAIL



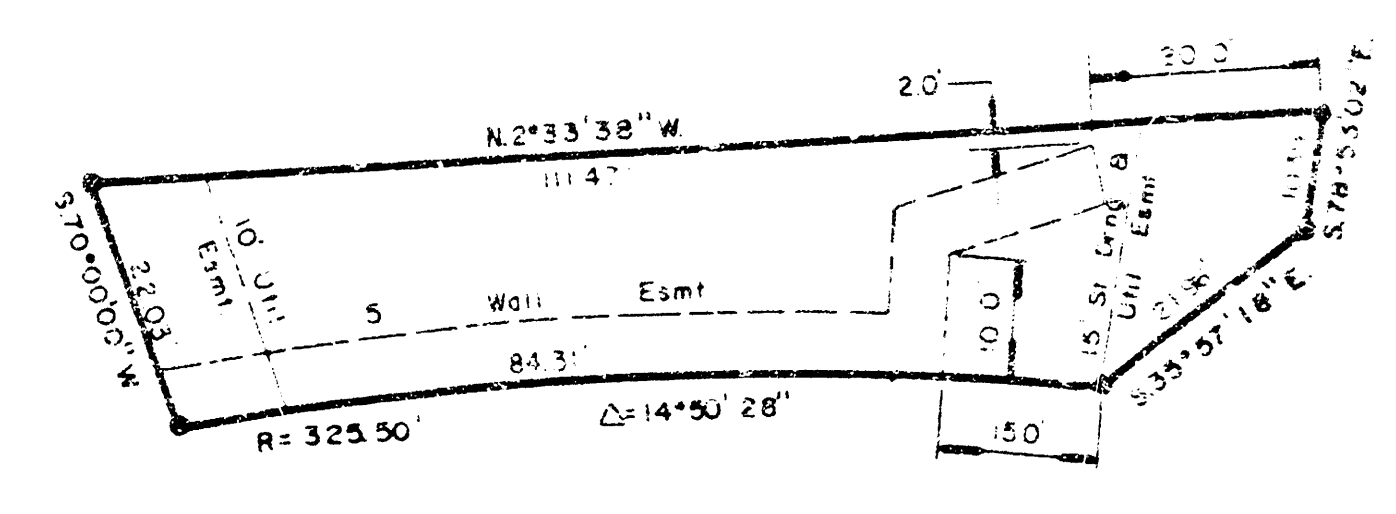
RESERVE "G" DETAIL



RESERVE "A" DETAIL



RESERVE "B" DETAIL



RESTRICTIVE COVENANT