

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. LINDBAK, 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 CITED 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.

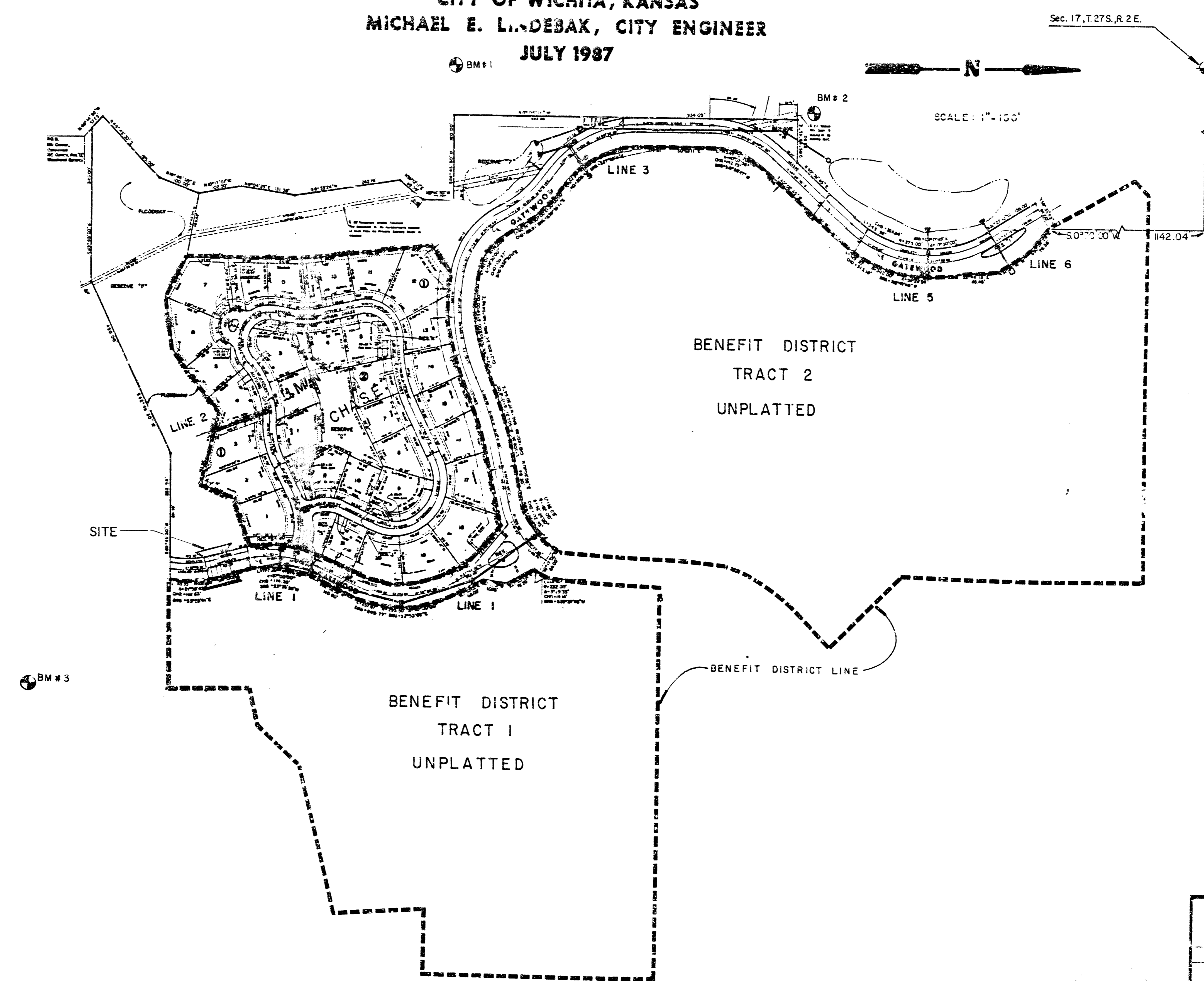
NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

CABLEVISION	262-0661
KPL GAS SERVICE	263-7511
KANSAS GAS & ELECTRIC	264-1141
ARKLA GAS COMPANY	947-3350
BELL TELEPHONE COMPANY	1-316-971-2115

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.

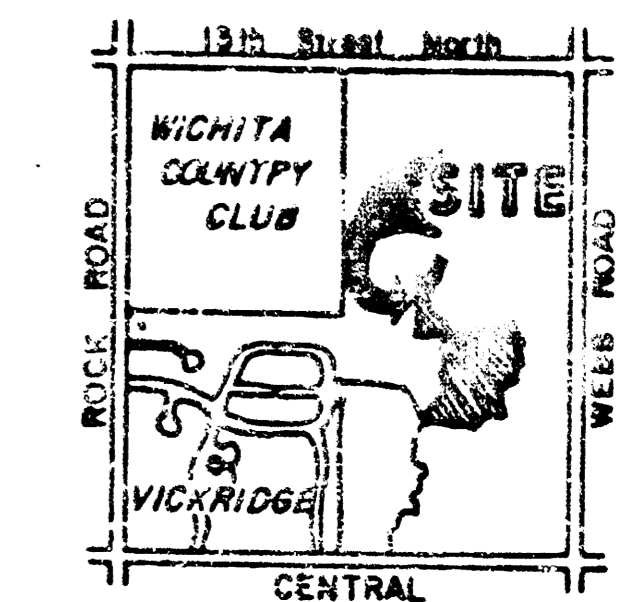
BENCH MARKS

- 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" Ø Nail in West Root of 20" Elm Tree 50' N. & 10' W. of Northeast Corner Minnehaha School Lot Elev. = 176.09

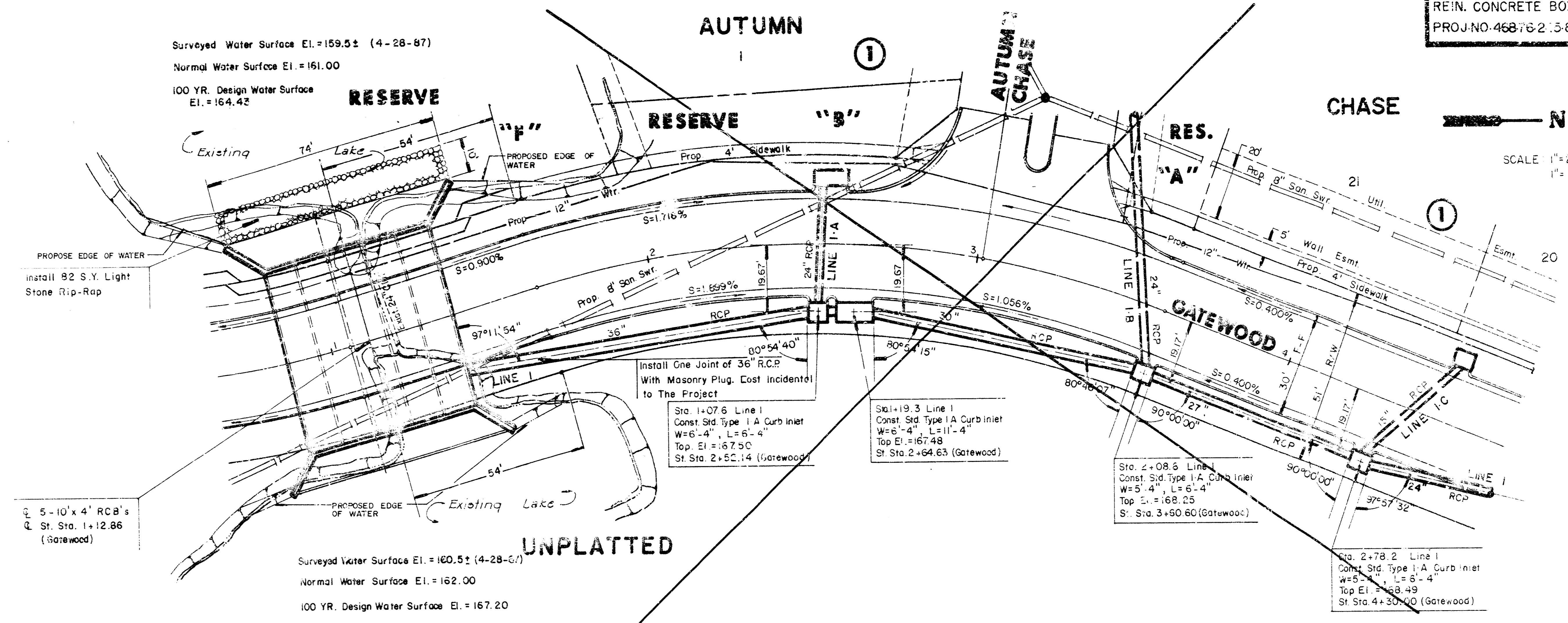


INDEX TO DRAWINGS

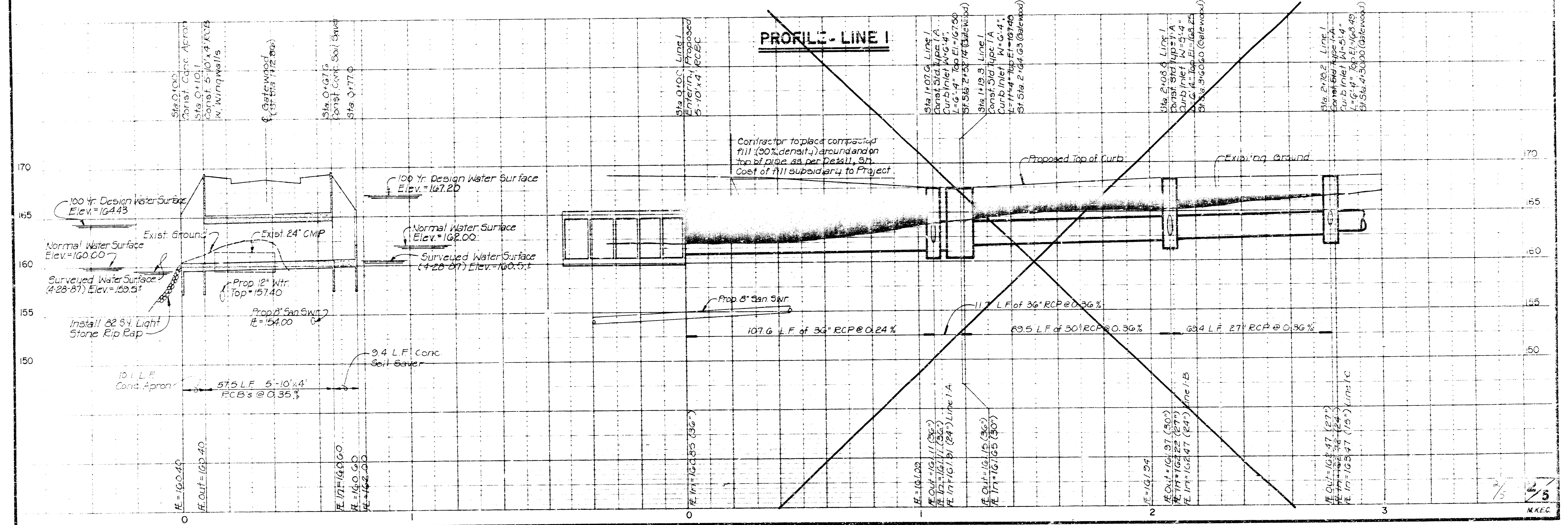
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN
3-4	DETAILS
5	FINAL PLAT



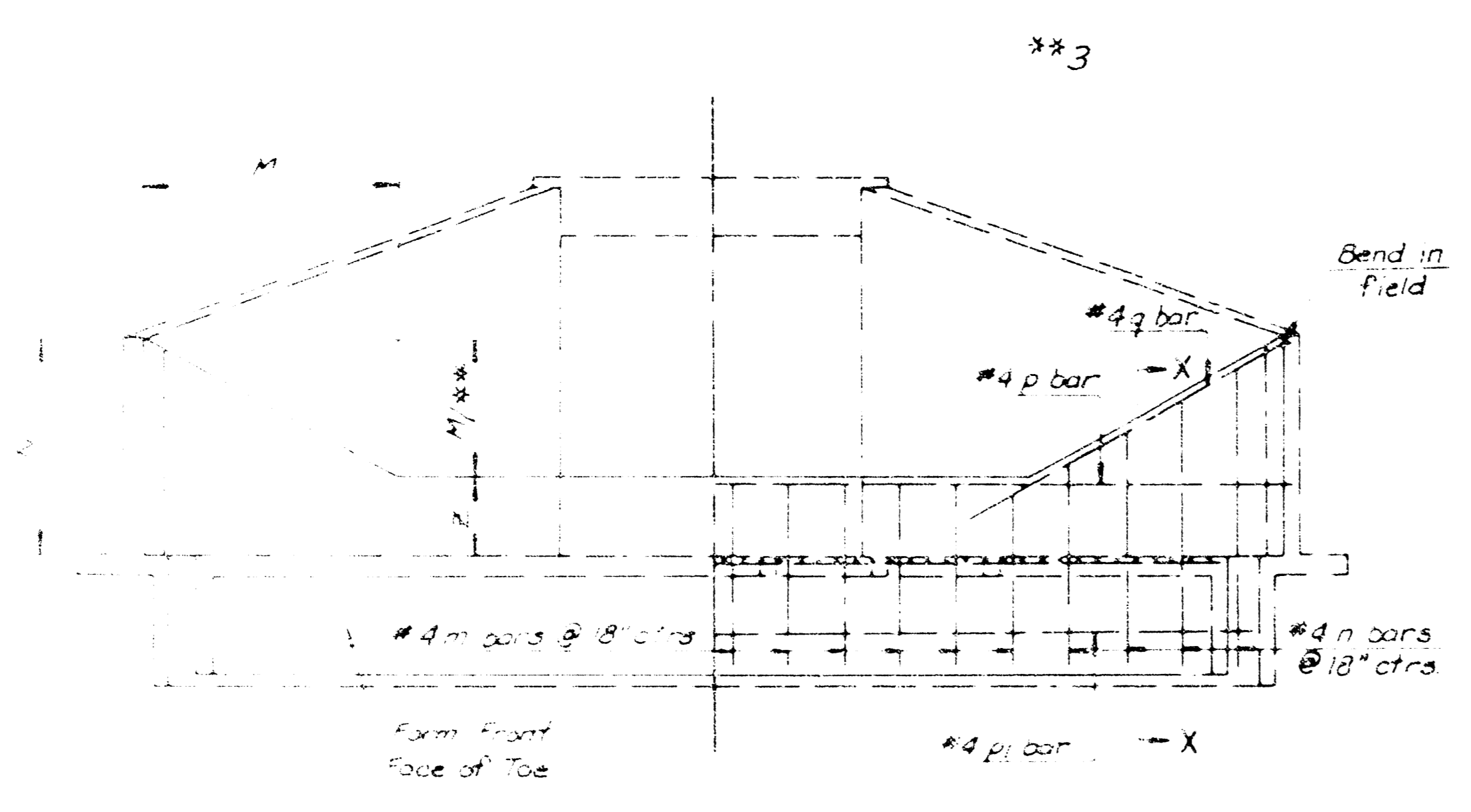
	AUTUMN CHASE RCBC ON GATEWOOD	F.B.N. E.C.G., K.S.M. D.S. J.A.R. J.C.
	MID-KANSAS ENGINEERING CONSULTANTS PA 2500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226	Sheet: 1 of 5 682-6564



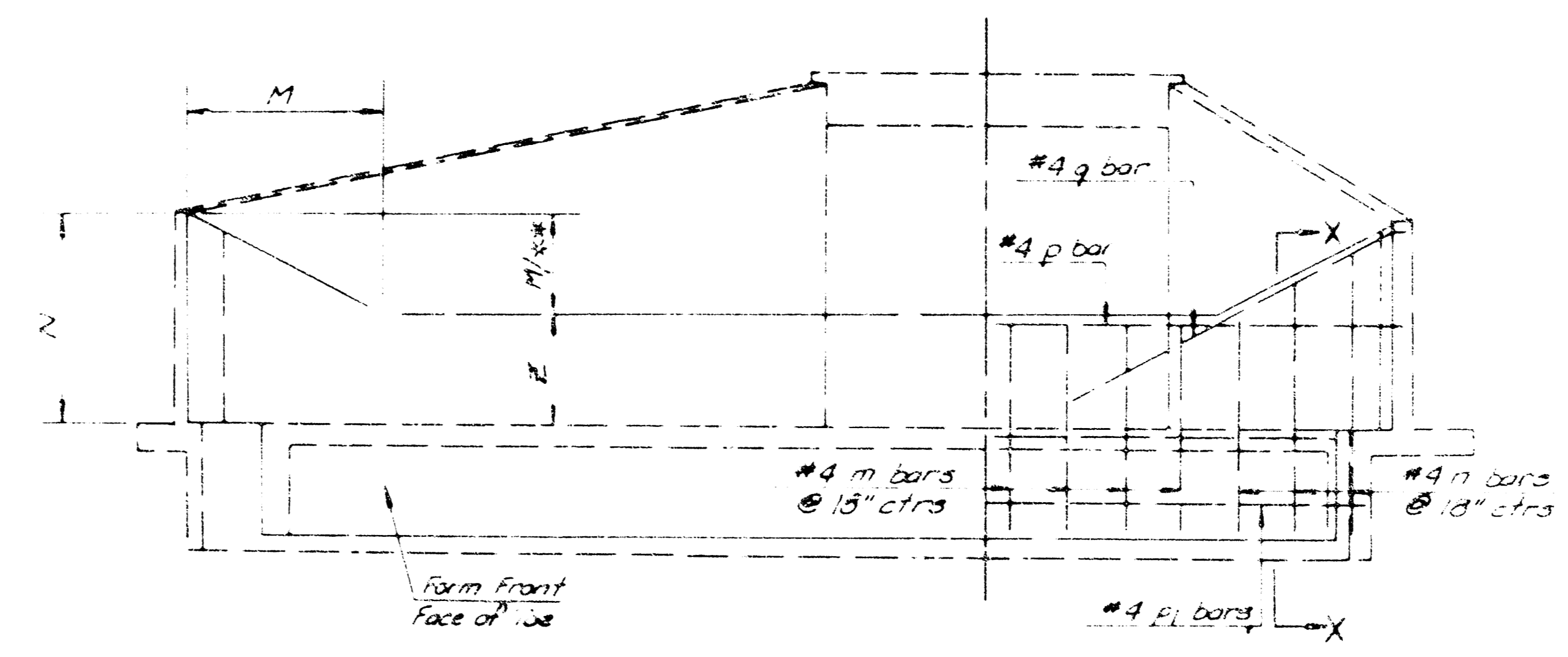
PLAN - LINE I



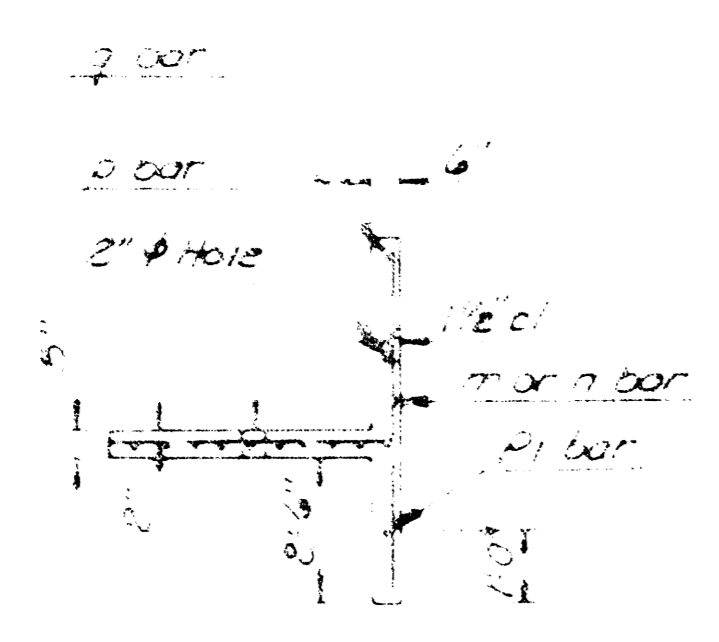
STATION	1+12.86 Rt.		8=9'0"		1=1'0"	
Letter	10-9 1/4"	5'0"	70'-0 5/8"	8'-5 5/8"	8'-5 5/8"	0'-6"
Dimension						



ELEVATION AND SECTION



ELEVATION AND SECTION

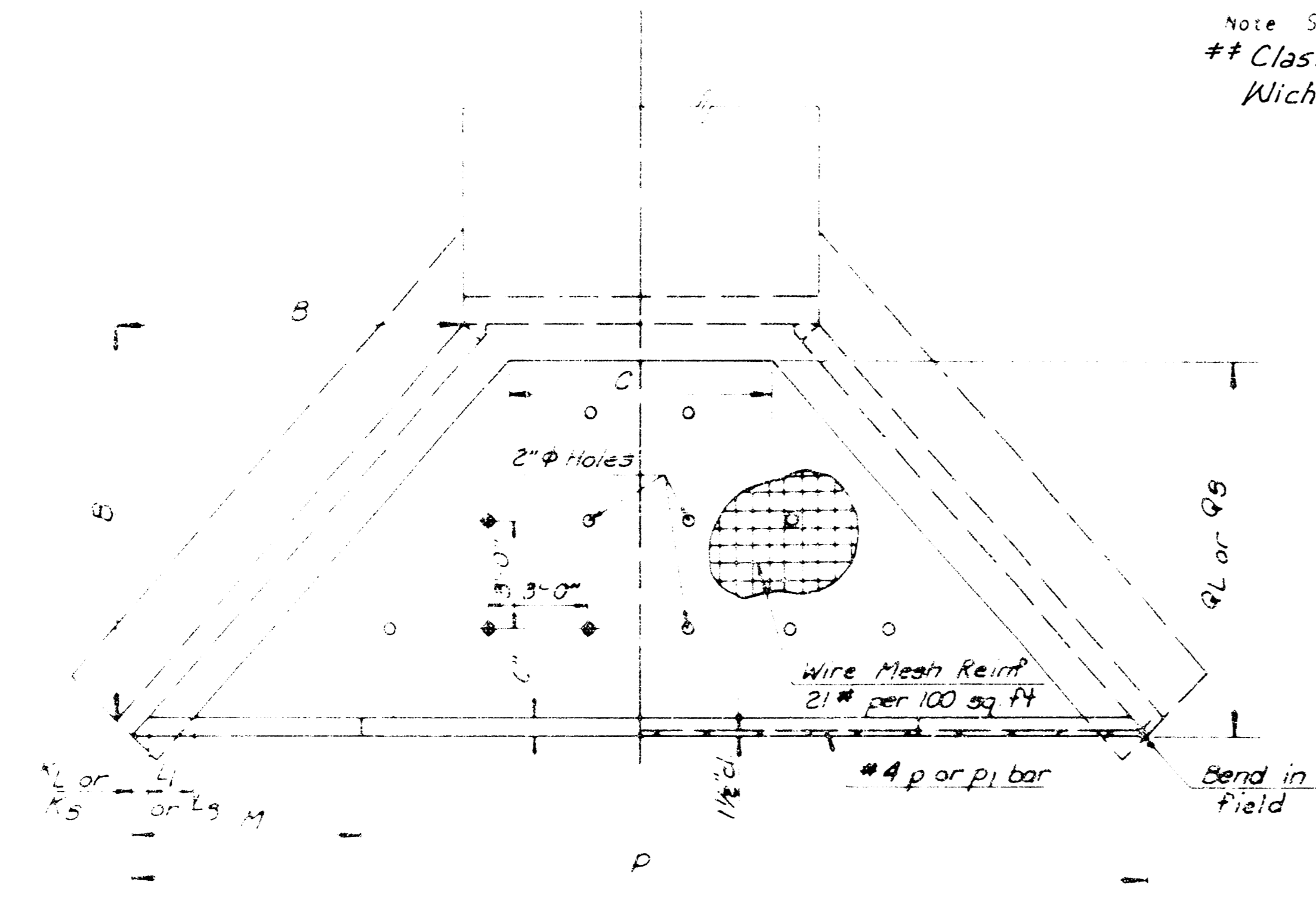


SECTION X-X

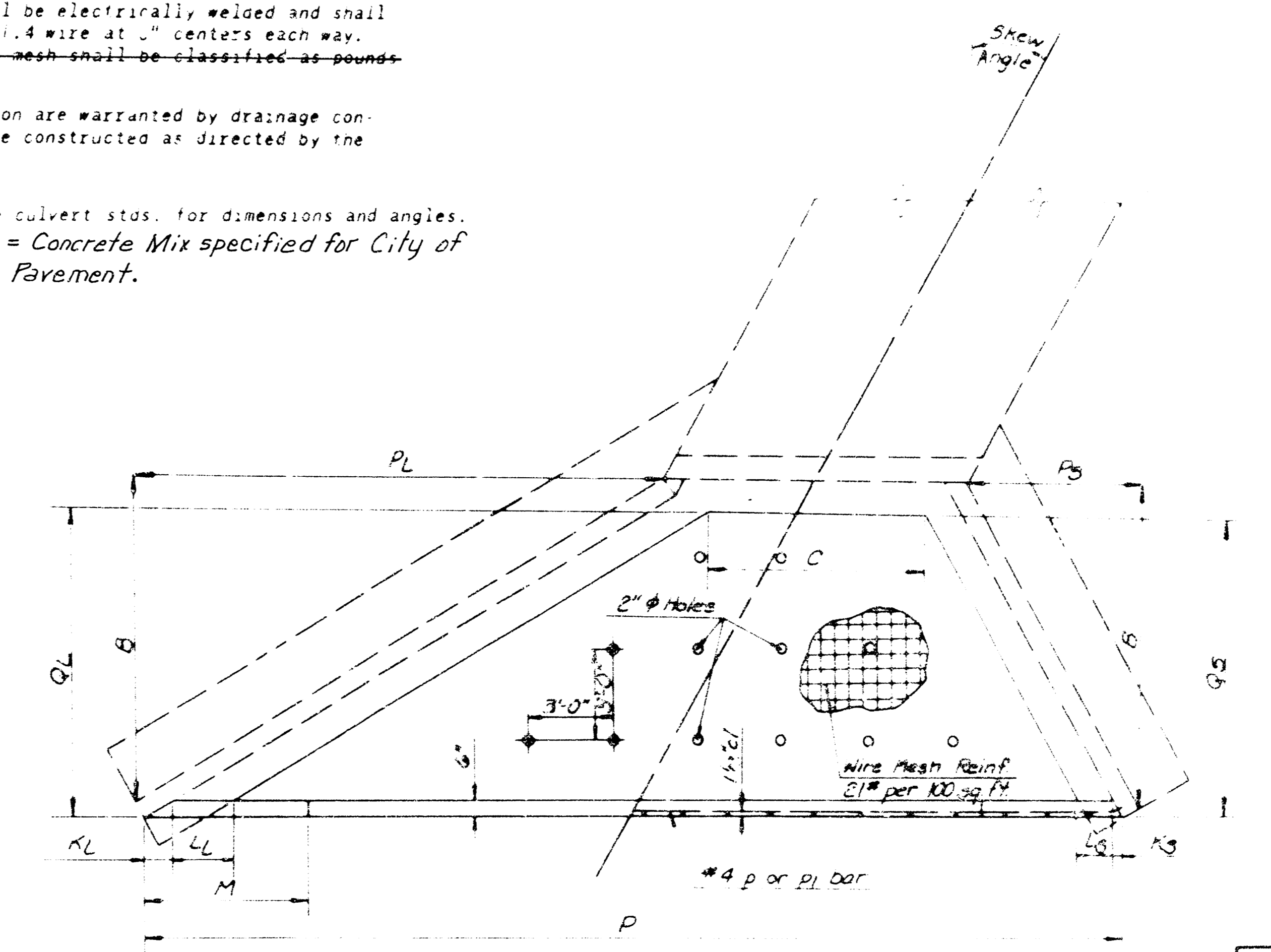
GENERAL NOTES

CONCRETE Class A Concrete shall be used throughout. ******
 All exposed edges shall be finished with an edging tool.
 REINFORCING: All dimensions are to t 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 studs for dimensions and angles.
**** Class A Concrete = Concrete Mix specified for City of Wichita Concrete Pavement.**



PLAN



PLAN - SKEW

STATION	Letter	Dimension	Bar	Number	Length
1+12.86	10-9 1/4"	5'-0"	#4 p	1	10'-9 1/4"
1+12.86	5'-0"	70'-0 5/8"	#4 q	1	70'-0 5/8"
1+12.86	70'-0 5/8"	8'-5 5/8"	#4 m	1	8'-5 5/8"
1+12.86	8'-5 5/8"	8'-5 5/8"	#4 m	1	8'-5 5/8"
1+12.86	0'-6"	0'-6"	#4 m	1	0'-6"
1+12.86	0'-6"	1'-5"	#4 m	1	1'-5"

Quantities include apron and soil saver quantities.
 * 4 bars are variable. Increase by increments of 1" or 2" and round up. Cut 2 each length.

LIST OF SOIL SAVERS

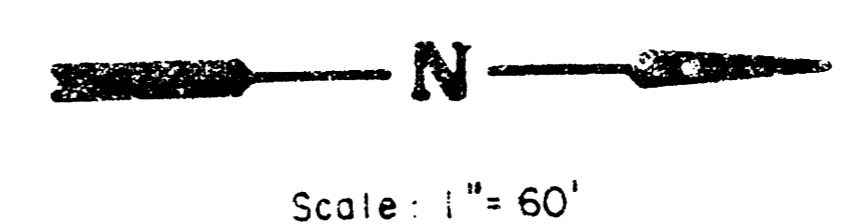
Station	Culvert Size	Side	#	Length
1+12.86	5-10x4	Rt.	1-4 1/8"	

DEPARTMENT OF TRANSPORTATION
SOIL SAVER FOR R.C. CULVERTS
 STD NO. 5201
 45

NOTE: ALL REINFORCING BARS ARE NO. 4 BARS

C-2-3-27-A

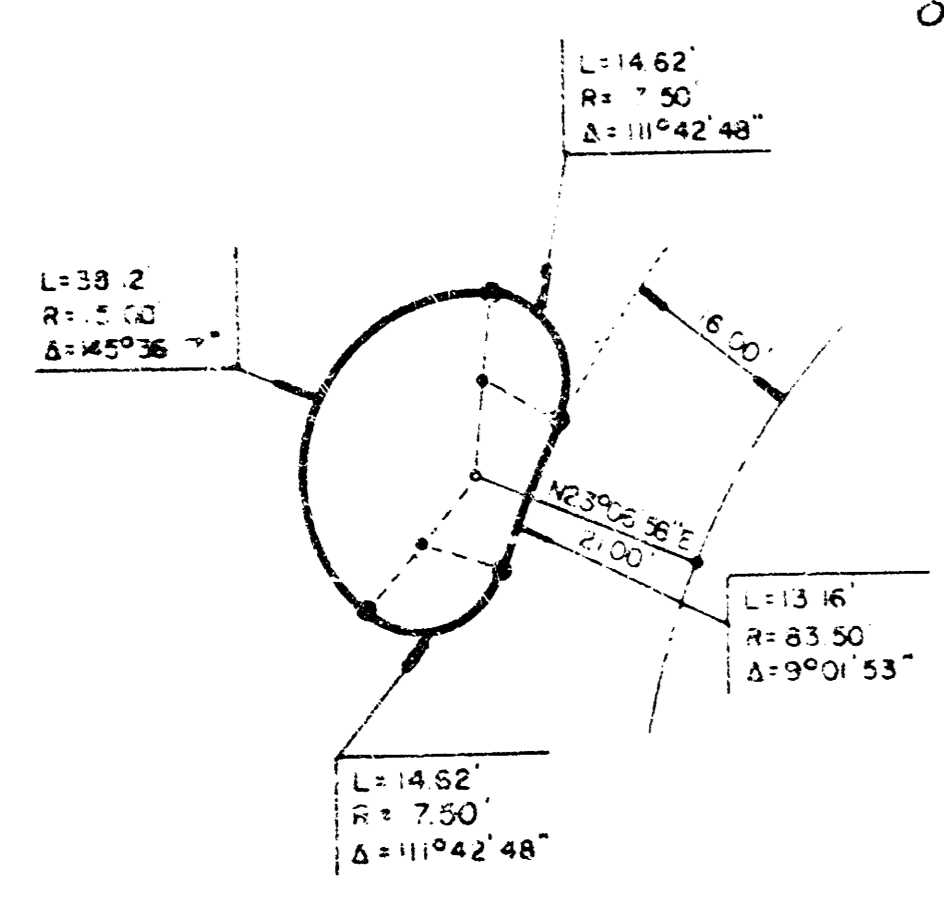
FINAL PLAT OF AUTUMN CHASE AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



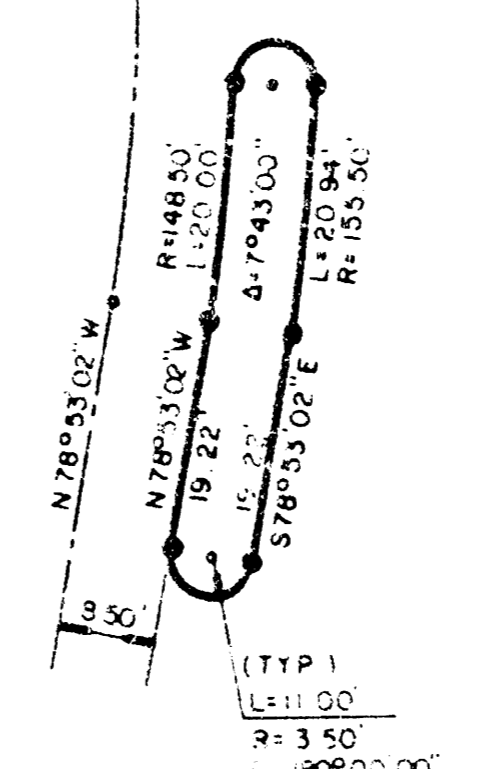
P.O.B.
NW Corner,
Woodcrest
NE Corner, Res. "D"
Woodland Estates

LOT	AREA	PERCENT	ACRES
1	168.0	1.00	0.0038
2	165.0	1.00	0.0038
3	172.0	1.00	0.0040
4	172.0	1.00	0.0040
5	171.0	1.00	0.0039
6	172.0	1.00	0.0040
7	172.0	1.00	0.0040
8	173.0	1.00	0.0041
9	174.0	1.00	0.0041
10	177.0	1.00	0.0042
11	177.0	1.00	0.0042
12	178.0	1.00	0.0042

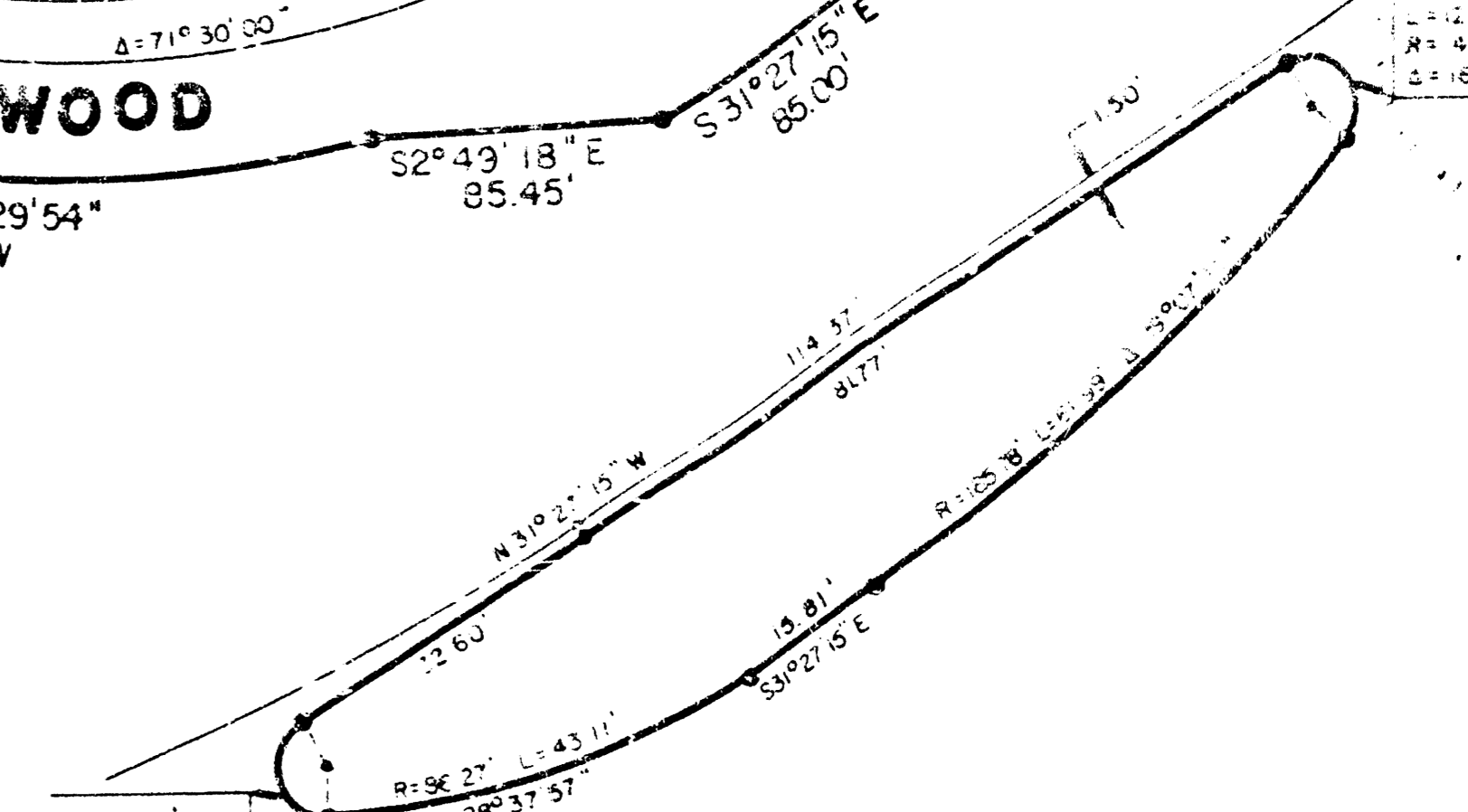
RESERVE "E" DETAIL



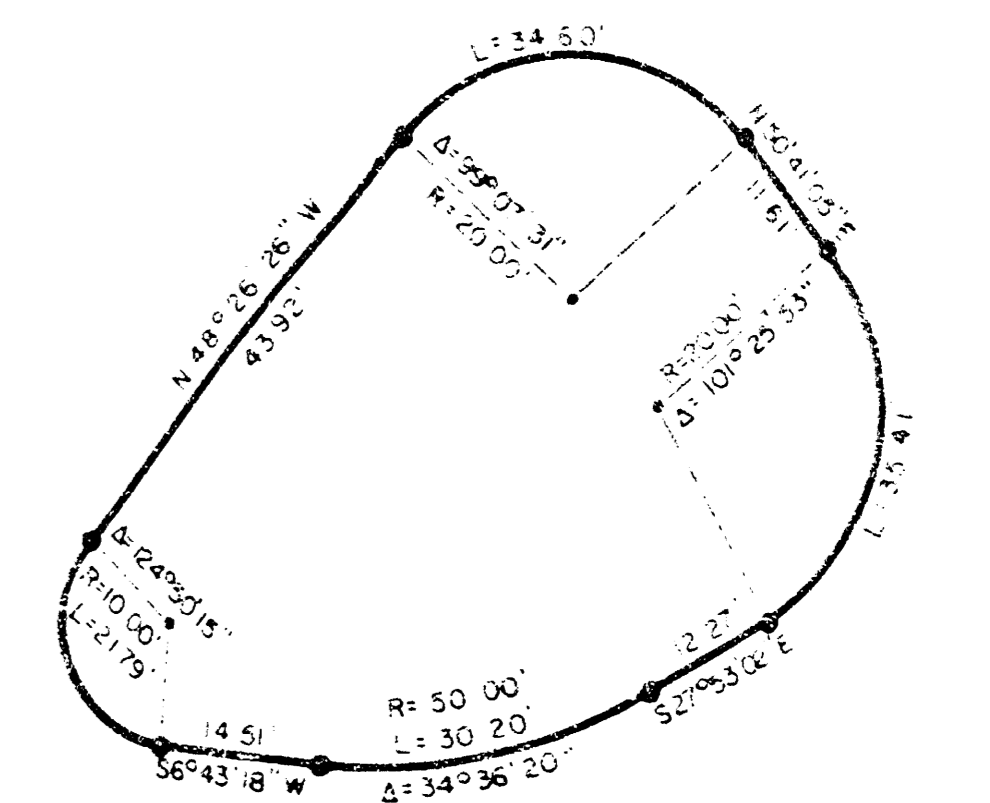
RESERVE "C" DETAIL



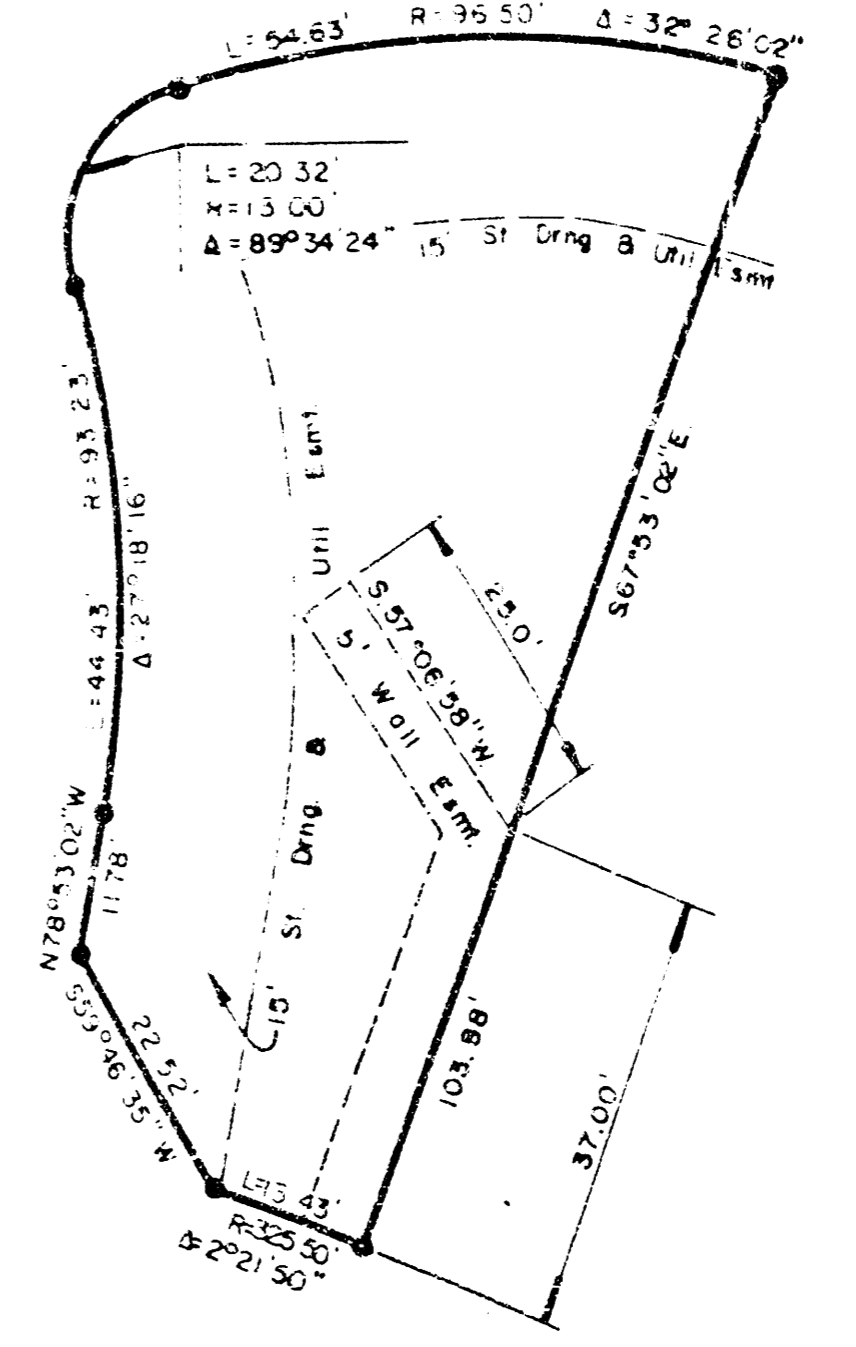
RESERVE "I" DETAIL



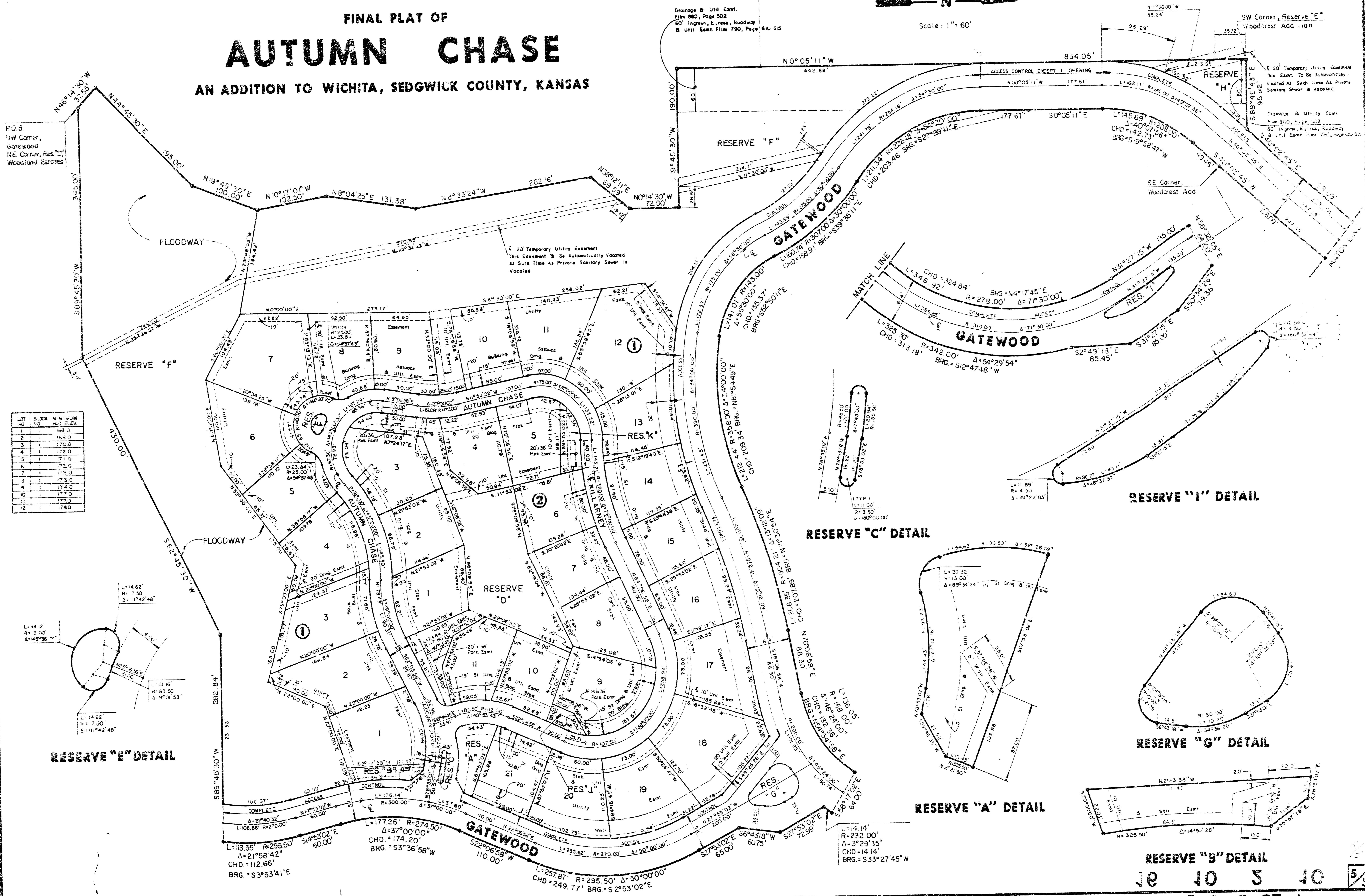
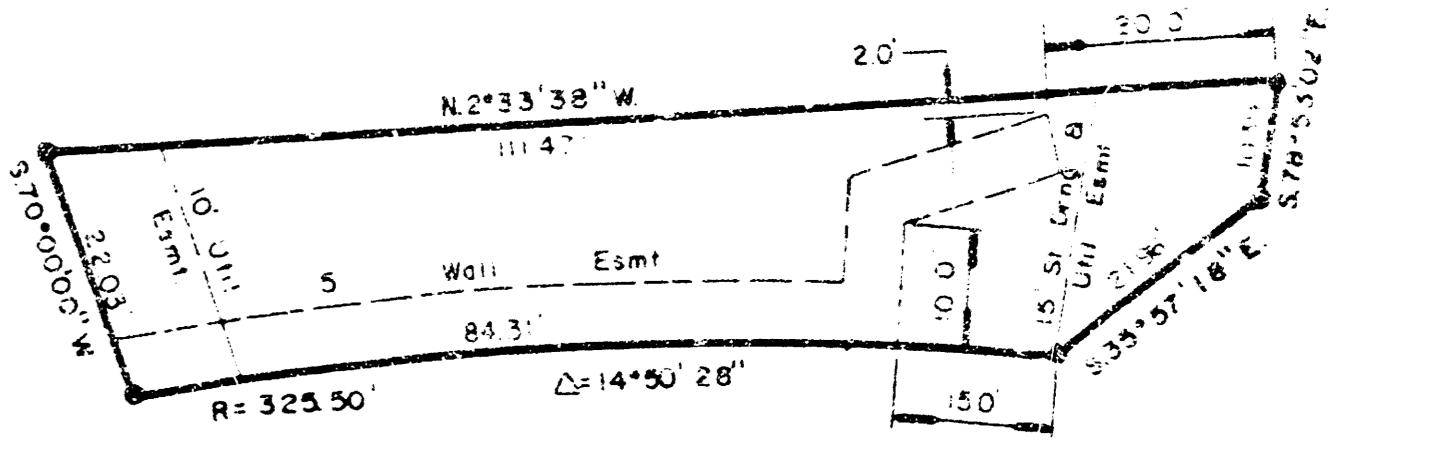
RESERVE "G" DETAIL



RESERVE "A" DETAIL



RESERVE "B" DETAIL



RESTRICTIVE COVENANT F801 P. 11