

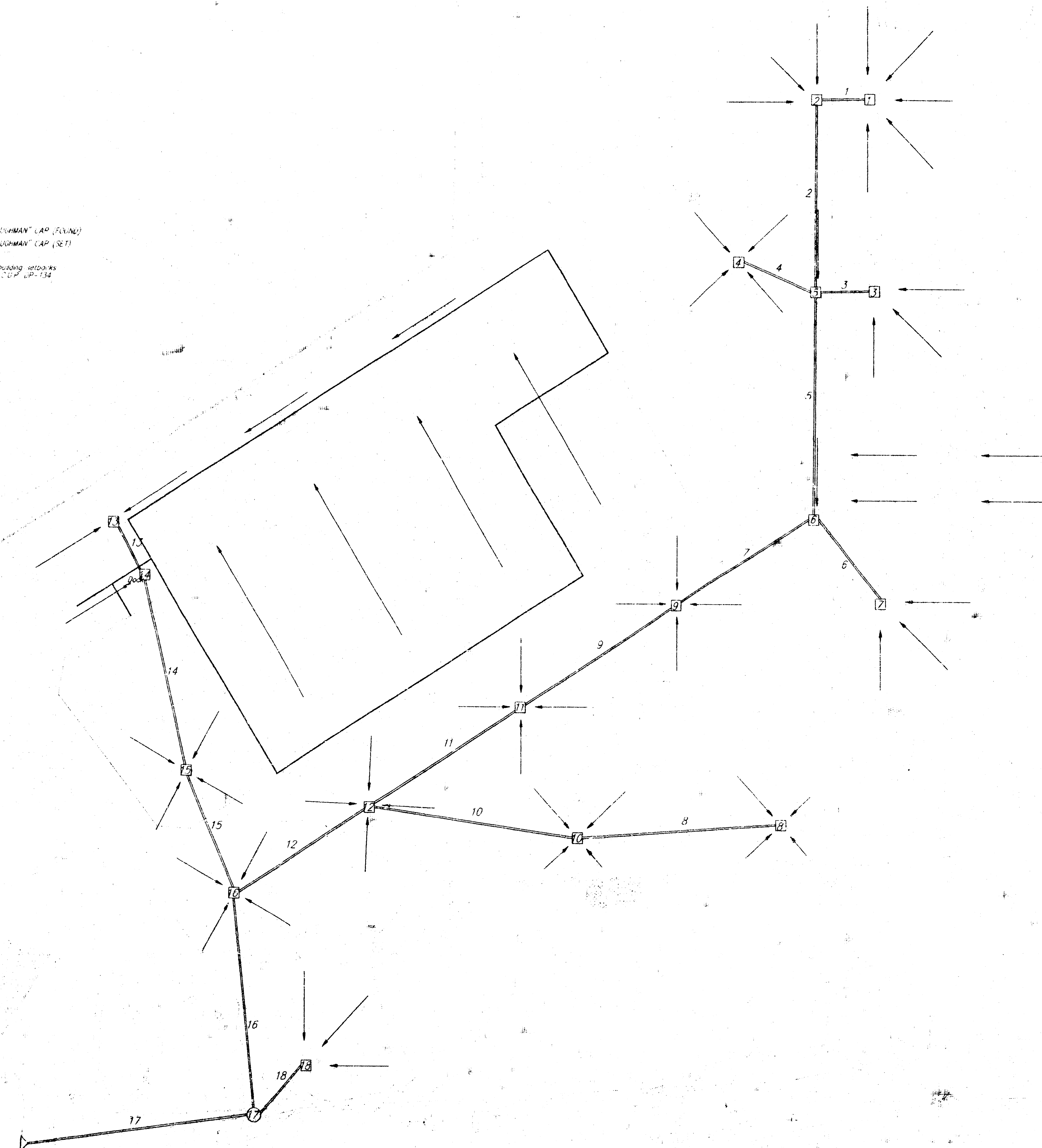


Scale 1" = 60'

MINIMUM BUILDING FAD ELEVATIONS FOR LOWEST OPENING OF STRUCTURE		
Lot & Block	City Datum	MSL
1 - BKA	1416	1529.0

BENCH MARK: City also located on the NE corner of Centre and Maize in 1940 (city datum)
Elev = 146.00 (city datum)

○ = 1/2" REBAR W/ BAUGHMAN CAP (FOUND)
● = 1/2" REBAR W/ BAUGHMAN CAP (SET)
NOTE: For additional building setbacks see subdivision plat 12-13



Node	Area	CS	Flow
1	1.84	7.55	12.20
2	0.1	0.41	0.66
3	1.03	4.23	5.83
4	1.38	5.66	5.15
5	0.1	0.41	0.66
6	0.3	1.23	1.99
7	1.49	8.11	3.88
8	0.5	2.05	1.32
9	0.5	2.05	3.32
10	0.5	2.05	3.32
11	0.5	2.05	3.32
12	0.77	3.16	5.17
13	4.26	17.48	28.28
14	0.05	0.21	0.33
15	0.69	2.83	4.58
16	0.28	1.15	1.86
17	0	0.00	0.00
18	0.73	3.00	4.84

Pipe No.	Q	Pipe Size	A	S	V	Flow
1	7.55	21	2.405288	0.4375	0.005012	55
2	7.96	21	2.405288	0.4375	0.005575	180
3	4.23	15	1.227188	0.3125	0.004568	60
4	5.66	18	1.76715	0.375	0.006419	80
5	18.26	30	4.90875	0.625	0.004378	220
6	6.11	18	1.76715	0.375	0.007485	100
7	25.61	36	7.0686	0.75	0.003255	180
8	2.05	15	1.227188	0.3125	0.002228	200
9	27.66	36	7.0686	0.75	0.003798	180
10	4.10	18	1.76715	0.375	0.003371	210
11	29.71	36	7.0686	0.75	0.004382	180
12	35.98	36	7.0686	0.75	0.006787	180
13	17.48	30	4.90875	0.625	0.004012	80
14	17.59	30	4.90875	0.625	0.004107	190
15	20.52	30	4.90875	0.625	0.005527	113
16	58.65	48	12.5664	1	0.003681	197
17	61.64	48	12.5664	1	0.004068	219
18	3.00	15	1.227188	0.3125	0.00478	62

Revised 7-2-94

**TIMBER GROVE 2ND ADDITION
DRAINAGE PLAN**
WICHITA, SEDGWICK COUNTY, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100

DESIGN: [] DRAWN: [] APPROVED: [] DATE: 6-24-94 SCALE: 1"=60'

SHEET 1 OF 1