

DRAINAGE PLAN



(M) = Measured

- = Railroad Spike
- ⊘ = Found 3/4" Iron
- = Found 3/8" Iron
- = Set #4 Baughman Rebar
- △ = Stone
- × = Cross Cut
- ⊙ = Thimble
- ⊞ = Found Rebar
- ⊠ = Iron

 = *Drainage Basin Identifier*

— = Drainag Basin Identifier

XXX
XXXX = Drainage Structure

MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES		
BLOCK	LOT(S)	ELEVATION (PER CITY DATUM)
1	1	139.8
3	1-16	139.6
4	3-39, 44-46, 48-64, 66-70	139.6

CITY OF MICHITA BENCHMARK:
City Disc. Southwest Corner of Ridge and
29th Street North 80.8 feet south and
63.7 West of center line of both
Elevation = 139.15 City Datum
Elevation = 1326.55 MSL Datum

CITY OF WICHITA BENCHMARK:
City Disc. East two guard of RCBC half
mile North of 29th Street North and
Ridge Road
Elevation = 144.22 City Datum
Elevation = 1331.62 MSL Datum

Drainage area	Area (km ²)	Q ₁	Q ₂	Q ₃	Q ₄	Q ₅	Q ₆	Q ₇	Q ₈
1	3.6	0.54	0.54	1.5	3.63	2.27	7.7	7.43	
2	8	0.56	0.56	1.5	3.63	2.77	15	19	29
3	15	0.54	0.54	1.5	3.63	7.71	31	65	
4	15	0.56	0.56	1.5	3.63	7.71	28	65	
5	15	0.56	0.56	1.5	3.63	7.71	28	65	
6	27	0.54	0.54	1.5	3.63	7.71	54	97	
7	17	0.54	0.54	1.5	3.63	7.71	17	23	
8	69	0.56	0.56	1.5	3.63	7.71	17	23	
9	10	0.56	0.56	1.5	3.63	7.71	19	27	
10	0.40	0.56	0.56	1.5	3.63	7.71	65	65	
11	16	0.56	0.56	1.5	3.63	7.71	19	27	
12	16	0.54	0.54	1.5	3.63	7.71	33	65	
13	0.7	0.5	0.5	1.5	3.63	7.71	13	25	
14	0.7	0.5	0.5	1.5	3.63	7.71	13	25	
15	0.5	0.54	0.54	1.5	3.63	7.71	21	40	
16	0.56	0.54	0.54	1.5	3.63	7.71	12	54	
17	0.56	0.54	0.54	1.5	3.63	7.71	12	54	
18	0.56	0.54	0.54	1.5	3.63	7.71	12	54	
19	15	0.54	0.54	1.5	3.63	7.71	51		
20	2.8	0.54	0.54	1.5	3.63	7.71	38	11	
21	16	0.54	0.54	1.5	3.63	7.71	33	84	
22	1.6	0.54	0.54	1.5	3.63	7.71	34	93	
23	0.56	0.54	0.54	1.5	3.63	7.71	34	93	
24	0.8	0.56	0.56	1.5	3.63	7.71	19	25	
25	0.4	0.56	0.56	1.5	3.63	7.71	19	25	
26	0.4	0.56	0.56	1.5	3.63	7.71	68	15	
27	0.5	0.56	0.56	1.5	3.63	7.71	68	15	
28	1.5	0.56	0.56	1.5	3.63	7.71	68	15	
29	1.5	0.56	0.56	1.5	3.63	7.71	68	15	
30	0.6	0.56	0.56	1.5	3.63	7.71	11	22	
31	0.6	0.56	0.56	1.5	3.63	7.71	11	22	
32	0.4	0.54	0.54	1.5	3.63	7.71	65	68	
33	1.7	0.54	0.54	1.5	3.63	7.71	65	68	
34	21	0.54	0.54	1.5	3.63	7.71	65	68	
35	1.3	0.54	0.54	1.5	3.63	7.71	65	68	
36	2.2	0.54	0.54	1.5	3.63	7.71	68		
37	1.3	0.54	0.54	1.5	3.33	7.71	67	52	
38	1.2	0.56	0.56	1.5	3.63	7.71	23	14	
39	1.2	0.56	0.56	1.5	3.63	7.71	23	14	
40	0.9	0.54	0.54	1.5	3.63	7.71	23	14	
41	0.9	0.54	0.54	1.5	3.63	7.71	23	14	
42	22.8	0.56	0.56	1.5	3.63	7.71	441	848	

NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of street and storm sewer improvements within this plot that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.