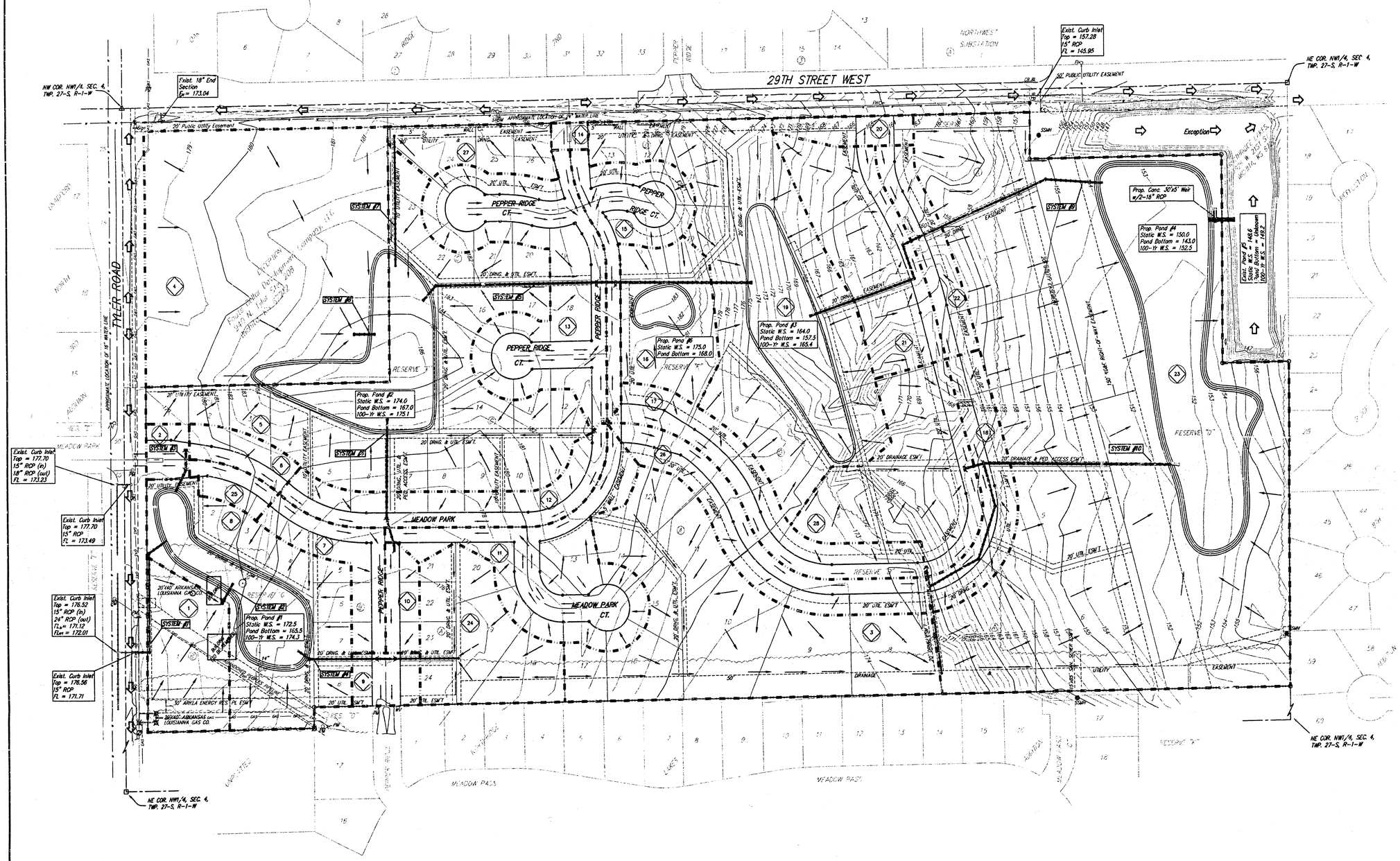
DRAINAGE PLAN
FOSSIL RIM ESTATES
WICHITA, SEDGWICK COUNTY, KANSAS



0 100 200

Fh = Fire Hydrant

MB = Mail Box
PM = Pipeline Marker

SWBM = Southwestern Bell Marker

Sign = Sign
SSMH = Sanitary Sewer Manhole
SWB Ped = Southwestern Bell Pedestal
T = Tree
WV = Water Valve

● = #4 Baughman Rebar
○ = 3/4" F.E.C. Iron Pipe
□ = 1/2" Iron Pipe in Thim. Sec. Cor.
△ = 3/4" Iron Pipe Section Corner
Ø = 1/2" Iron Pipe

OWNER:
Fouts Gellar Development Company, LLC
940 N. Tyler Ste. 208
Wichita, KS 67212
316-393-0099

BENCHMARK:
City of Wichita disc northwest wingwall at Tee Time and 29th Street North.
Elev. = 142.20 NGVD

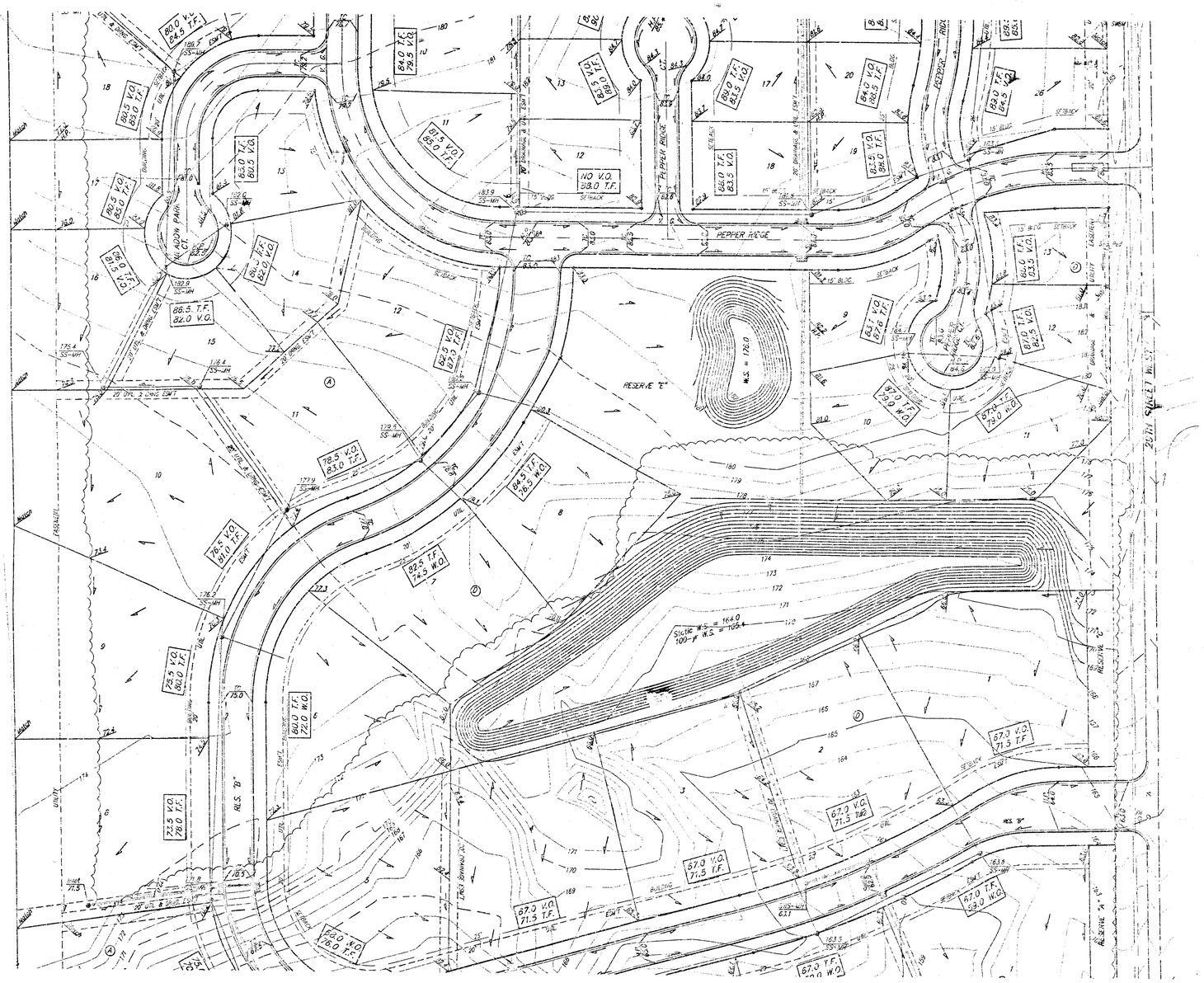
Basin Lot	Area acres	Runoff Coefficient 2-yr	Runoff Coefficient 100-yr	Peak Flowrate 2-yr cfs	Peak Flowrate 100-yr cfs
1	1.39	0.84	0.91	4.5	9.3
2	0.78	0.52	0.67	0.6	1.4
3	4.89	0.33	0.57	6.2	21
4	6.94	0.84	0.91	22	47
5	6.27	0.52	0.67	11	31
6	0.43	0.52	0.67	0.9	2.1
7	0.85	0.52	0.67	1.7	4.2
8	3.34	0.52	0.67	6.7	17
9	0.40	0.52	0.67	0.9	2.0
10	0.39	0.52	0.67	0.8	1.9
11	2.77	0.52	0.67	4.5	11
12	1.41	0.52	0.67	2.3	7.0
13	3.01	0.39	0.57	4.5	13
14	0.12	0.52	0.67	0.2	0.6
15	1.26	0.52	0.67	2.5	6.2
16	1.54	0.52	0.67	3.1	7.6
17	1.51	0.44	0.61	2.5	6.8
18	1.08	0.44	0.61	1.8	4.9
19	4.72	0.33	0.51	7.3	23
20	0.41	0.44	0.61	0.7	1.9
21	2.16	0.44	0.61	3.6	9.7
22	0.86	0.44	0.61	1.4	3.3
23	18.0	0.33	0.51	20	50
24	1.87	0.39	0.57	2.8	7.9
25	0.31	0.52	0.67	0.6	1.5
26	1.50	0.44	0.61	2.5	6.7
27	0.85	0.52	0.67	1.7	4.2
28	2.47	0.33	0.51	3.1	9.3

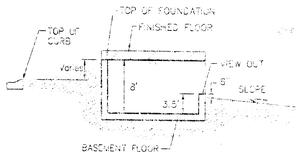
MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION MSL
1-6	A	157.0
1-8	B	176.5
3-8,14-16,22,23	C	178.0
1-11	D	166.0

11 FEBRUARY 2002

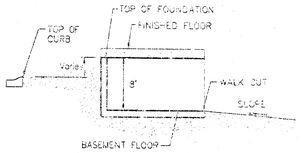
BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

BENCHMARK:
City of Wichita disc northwest wingwall at Tee Time and 29th Street North.
Elev. = 142.20 NGVD





TYPICAL VIEW OUT
NO SCALE



TYPICAL WALK OUT
NO SCALE

NOTES:

All drainage easements, rights-of-way, or reserves shall remain at established grades or as modified with the approval of the City Engineer of the City of Wichita, Kansas. No obstructions which impede the flow of this drainage system shall be allowed.

Proposed top of foundation elevations are shown on plans. contractor to set finished floor elevations.

All street elevations shown on plans are for top of curb (full-height). Typically roll-type curbs are constructed. Deduct 0.25' from top of curb (full-height).

This Grading Plan is designed with View-Out and Walk-Out Basements. Elevations shown at Rear of House (XX.X V.O. and XX.X W.O.) are for minimum opening.

All elevations shown on plans are City of Wichita Datum.

This grading plan has been submitted prior to the plat being recorded by Sedgwick County. Call Baughman Company for the most current grading plan prior to construction.

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES

LOT	BLOCK	ELEVATION W.S.
1-6	A	157.0
1-6	B	176.5
3-8,14-16,22,23	C	178.0
1-11	D	166.0

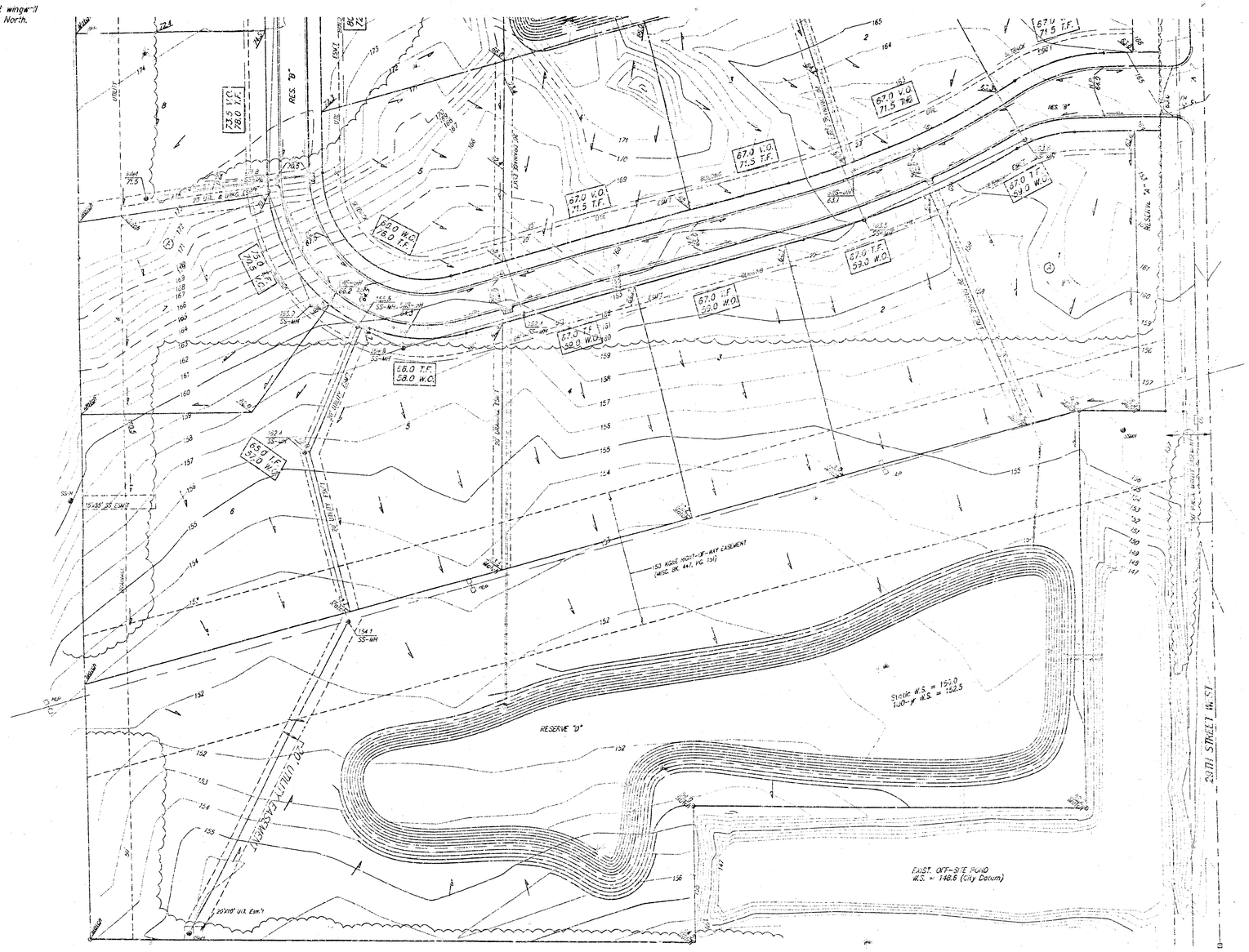
FOSSIL RIDGE ESTATES
LOT GRADING PLAN
CITY OF WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-2271 • 315 S.W. 5 • WICHITA, KANSAS 67211

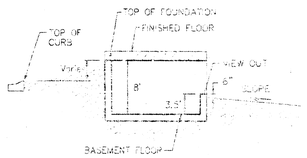
PROJECT NUMBER					SHEET 2 OF 3
DESIGN SCL	DRAWN SCL	APPROVED NBW	DATE 02/11/02	SCALE 1"=60'	

FOSSIL RIDGE (LOT GRADING)

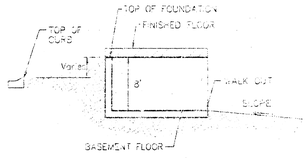
BENCHMARK:
City of Wichita disc northwest wingwall at Tee Time and 29th Street North.
Elev. = 142.20 NGVD



SCALE 1" = 60'
• = IRON



TYPICAL VIEW OUT
NO SCALE



TYPICAL WALK OUT
NO SCALE

NOTES:

All drainage easements, ingress-egress, or reserves shall remain at established grades or as modified with the approval of the City Engineer of the City of Wichita, Kansas. No obstructions which impede the flow of this drainage system shall be allowed.

Proposed top of foundation elevations are shown on plans. contractor to set finished floor elevations.

All street elevations shown on plans are for top of curb (full-height). Typically roll-type curbs are constructed. Deduct 0.25' from top of curb (full-height).

This Grading Plan is designed with View-Out and Walk-Out Basements. Elevations shown at Rear of House (XX.X V.O. and XX.X W.O.) are for minimum opening.

All elevations shown on plans are City of Wichita Datum.

This grading plan has been submitted prior to the plat being recorded by Sedgwick County. Call Baughman Company for the most current grading plan prior to construction.

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION M.S.
1-6	A	157.0
1-8	B	176.5
3-8 14-16,22,23	C	178.0
1-11	D	166.0

PRELIMINARY PLAT

LOT GRADING PLAN

CITY OF WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-267-7271 • 316-636-5 • FAX 267-1308

PROJECT NUMBER					SHEET
DESIGN	DRAWN	APPROVED	DATE	SCALE	3 OF 3
SCL	SCL	NEW	07/11/02	1"=60'	

© Copyright Baughman Co. P.A.