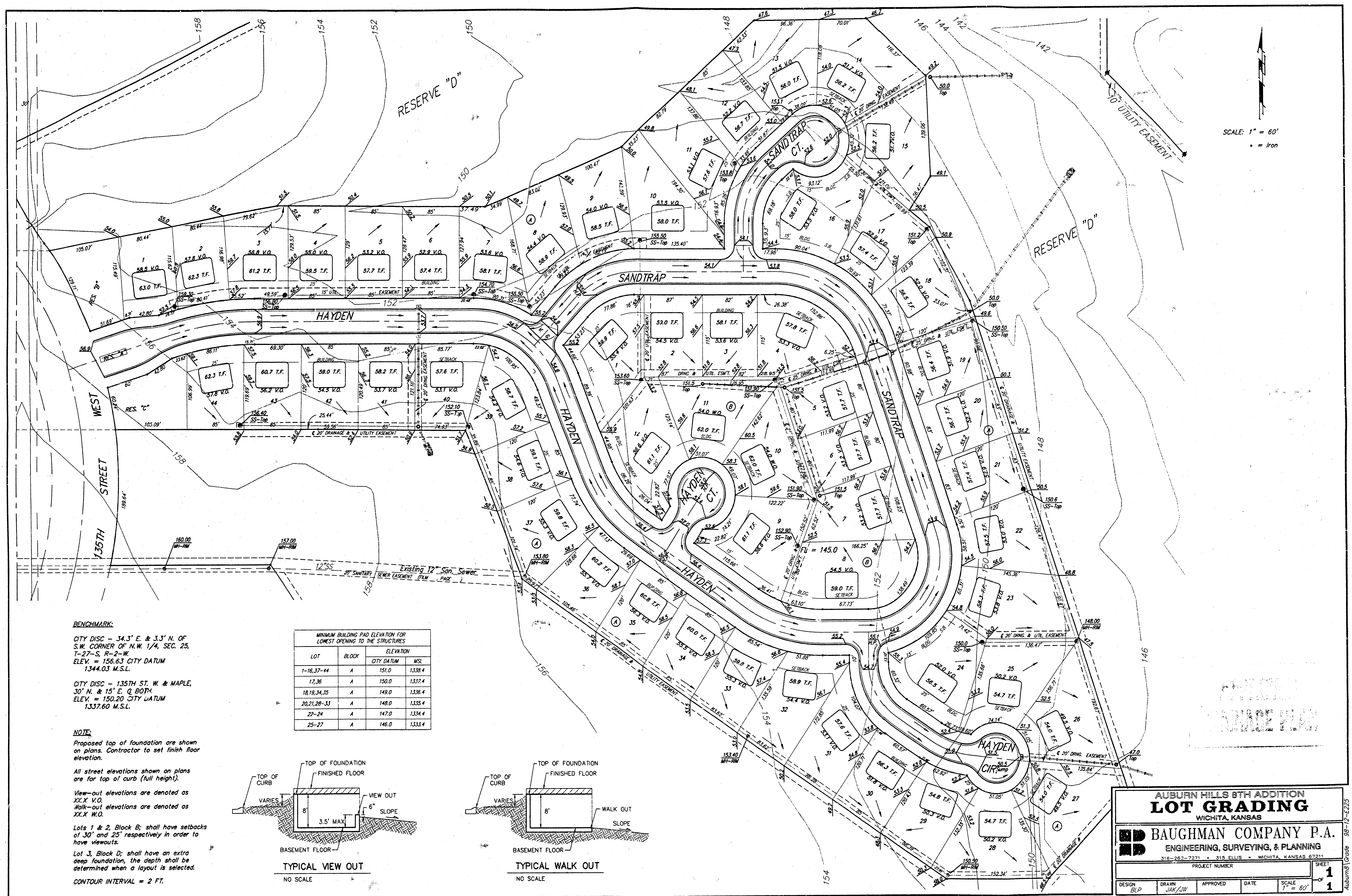




BENCHMARK:

CITY DISC - 34.3' E. & 3.3' N. OF
S.W. CORNER OF N.W. 1/4, SEC. 25,
T-27-S, R-2-W.
ELEV. = 156.63 CITY DATUM
1344.03 M.S.L.

CITY DISC - 135TH ST. W. & MAPLE,
30' N. & 15' E. Q. BOTM.
ELEV. = 150.20 CITY DATUM
1337.60 M.S.L.

NOTE:

Proposed top of foundation are shown
on plans. Contractor to set finish floor
elevation.

All street elevations shown on plans
are for top of curb (full height).

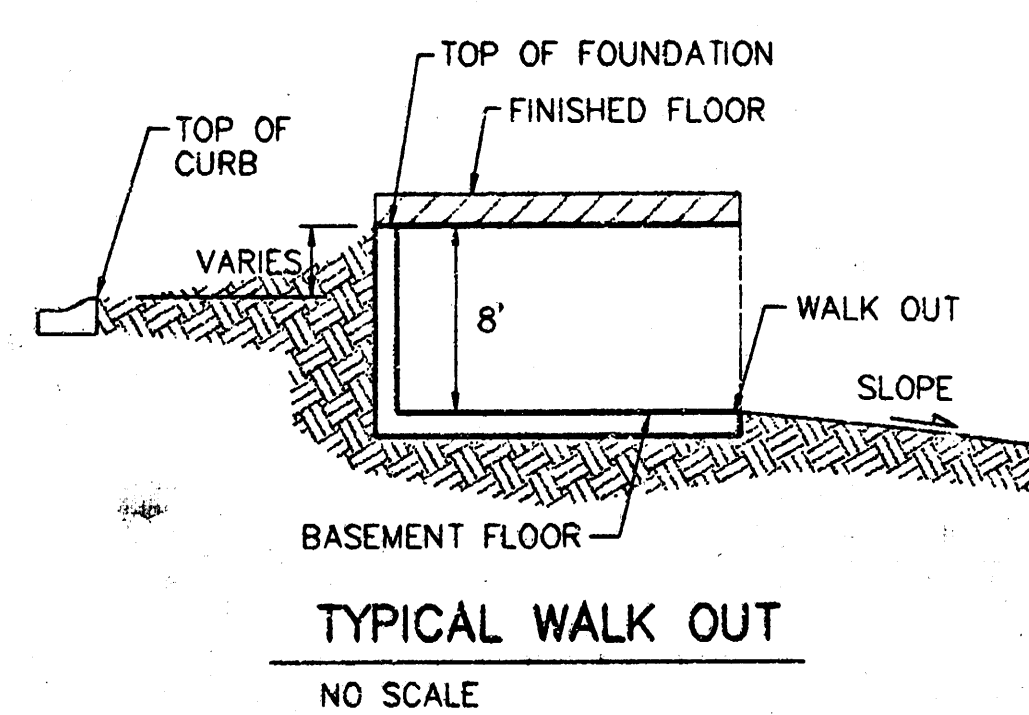
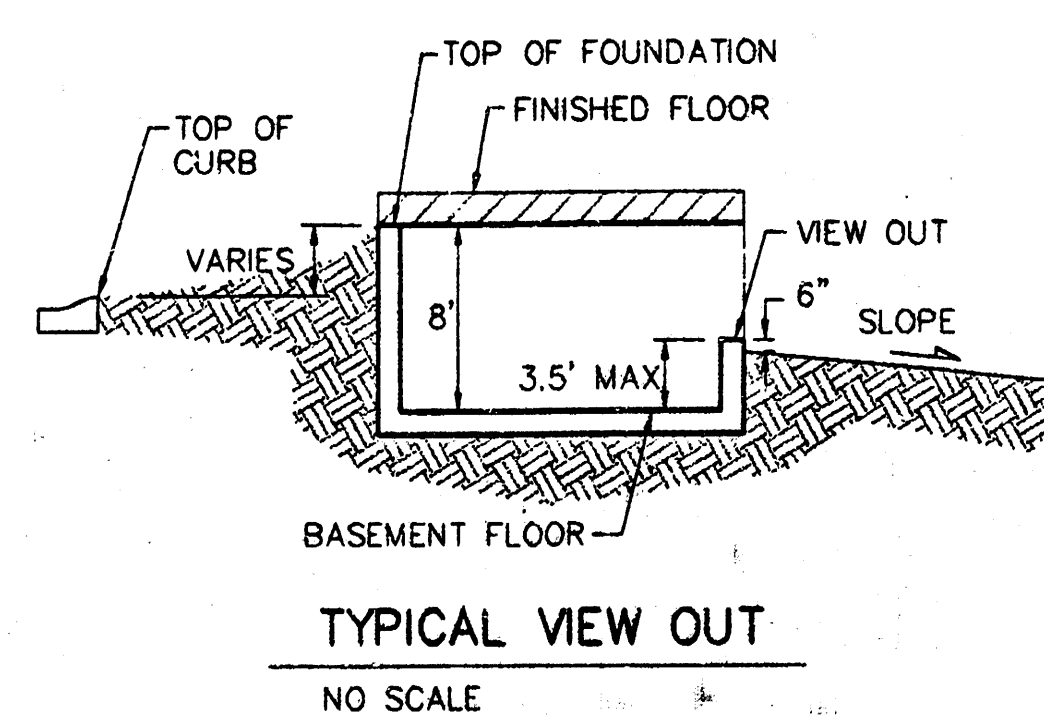
View-out elevations are denoted as
XX.X V.O.
Walk-out elevations are denoted as
XX.X W.O.

Lots 1 & 2, Block B; shall have setbacks
of 30' and 25' respectively in order to
have viewouts.

Lot 3, Block D; shall have an extra
deep foundation, the depth shall be
determined when a layout is selected.

CONTOUR INTERVAL = 2 FT.

MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES			
LOT	BLOCK	ELEVATION	
		CITY DATUM	M.S.L.
1-16, 37-44	A	151.0	1338.4
17, 36	A	150.0	1337.4
18, 19, 34, 35	A	149.0	1336.4
20, 21, 28-33	A	148.0	1335.4
22-24	A	147.0	1334.4
25-27	A	146.0	1333.4



**AUBURN HILLS 8TH ADDITION
LOT GRADING**
WICHITA, KANSAS

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

PROJECT NUMBER: _____

DESIGN: BLP DRAWN: JAK/JWH APPROVED: _____ DATE: _____ SCALE: 1" = 60' SHEET: 1

AUBURN HILLS 8TH ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

MAPLE (6TH STREET SOUTH)

S.W. COR. AUBURN HILLS COMMERCIAL 2ND ADD.

S.W. COR. AUBURN HILLS 3RD ADD.

S.W. COR. AUBURN HILLS POOL HOUSE ADD.

MOST NORTHERLY NW COR., LOT 9, BLOCK B, AUBURN HILLS ADD.

MOST NORTHERLY DEFLECTION COR., LOT 10, BLOCK A, AUBURN HILLS 2ND ADD.

NE COR. NW 1/4 SEC. 25, T27S, R2W

SW COR. NW 1/4 SEC. 25, T27S, R2W

SE COR. NW 1/4 SEC. 25, T27S, R2W

EXISTING LAKE
STATIC W.S. = 138.0
100-YR W.S. = 140.9

NEW LAKE "BY OTHERS"
STATIC W.S. = 146.0
100-YR W.S. = 149.3

NEW LAKE "BY OTHERS"
STATIC W.S. = 148.0
100-YR W.S. = 149.3

NEW LAKE "BY OTHERS"
STATIC W.S. = 145.0
100-YR W.S. = 148.4

PROPOSED 12" RCP "BY OTHERS"

PROPOSED 18" RCP "BY OTHERS"

PROPOSED 24" RCP "BY OTHERS"

PROPOSED 30" RCP "BY OTHERS"

HAYDEN

RACINE

WEST 135TH STREET

SANDTRAP

DROP INLET

CURB INLET

REBAR W/ "BAUGHMAN" CAP (SET)

#4 REBAR W/ "BAUGHMAN" CAP (SET)

4"x4" STONE (FOUND)

1" IRON (FOUND)

1/2" IRON IN THIMBLE (FOUND)

1/2" IRON (FOUND)

(M) = MEASURED
(D) = DESCRIBED

LOT	BLOCK	ELEVATION	
		CITY DATUM	MSL
1-16, 37-44	A	151.0	1338.4
17, 36	A	150.0	1337.4
18, 19, 34, 35	A	149.0	1336.4
20, 21, 26-33	A	148.0	1335.4
22-24	A	147.0	1334.4
25-27	A	146.0	1333.4

BENCH MARKS: CITY DISC - 34.3' E & 3.3' N OF S.W. CORNER OF NW 1/4, SEC. 25, T-27-S, R-2-W.
ELEV. = 156.63 CITY DATUM
1544.03 MSL

CITY DISC - 135TH ST. W. & MAPLE, 30' N. & 15' E. BOTH.
ELEV. = 150.20 CITY DATUM
1337.60 MSL

Drainage Area	Area (Acres)	C _s	C _m	T _a (Hrs)	V _a (In/Hr)	Q _p (CFS)	Q _b (CFS)
1	2.1	0.54	0.54	15	3.83	7.36	4.3
2	1.6	0.54	0.54	15	3.83	7.36	3.3
3	0.9	0.54	0.54	15	3.83	7.36	1.9
4	1.8	0.54	0.54	15	3.83	7.36	3.3
5	2.2	0.54	0.54	15	3.83	7.36	4.3
6	1.2	0.50	0.50	15	3.63	7.36	2.3
7	0.6	0.50	0.50	15	3.63	7.36	1.3
8	1.6	0.54	0.54	15	3.83	7.36	3.3

BAUGHMAN CO. ENGINEERING SURVEY

Drainage Area	Area (acres)	Cu	Cm	Ts (min.)	Is (in/hr)	Im (in/hr)	Qs (cfs)
1	2.1	0.54	0.54	15	3.83	7.36	4.3
2	1.6	0.54	0.54	15	3.83	7.36	3.3
3	0.9	0.54	0.54	15	3.83	7.36	1.9
4	1.8	0.54	0.54	15	3.83	7.36	3.7
5	2.2	0.54	0.54	15	3.83	7.36	4.6
6	1.2	0.50	0.50	15	3.83	7.36	2.3
7	0.6	0.50	0.50	15	3.83	7.36	1.1
8	1.8	0.54	0.54	15	3.83	7.36	3.7