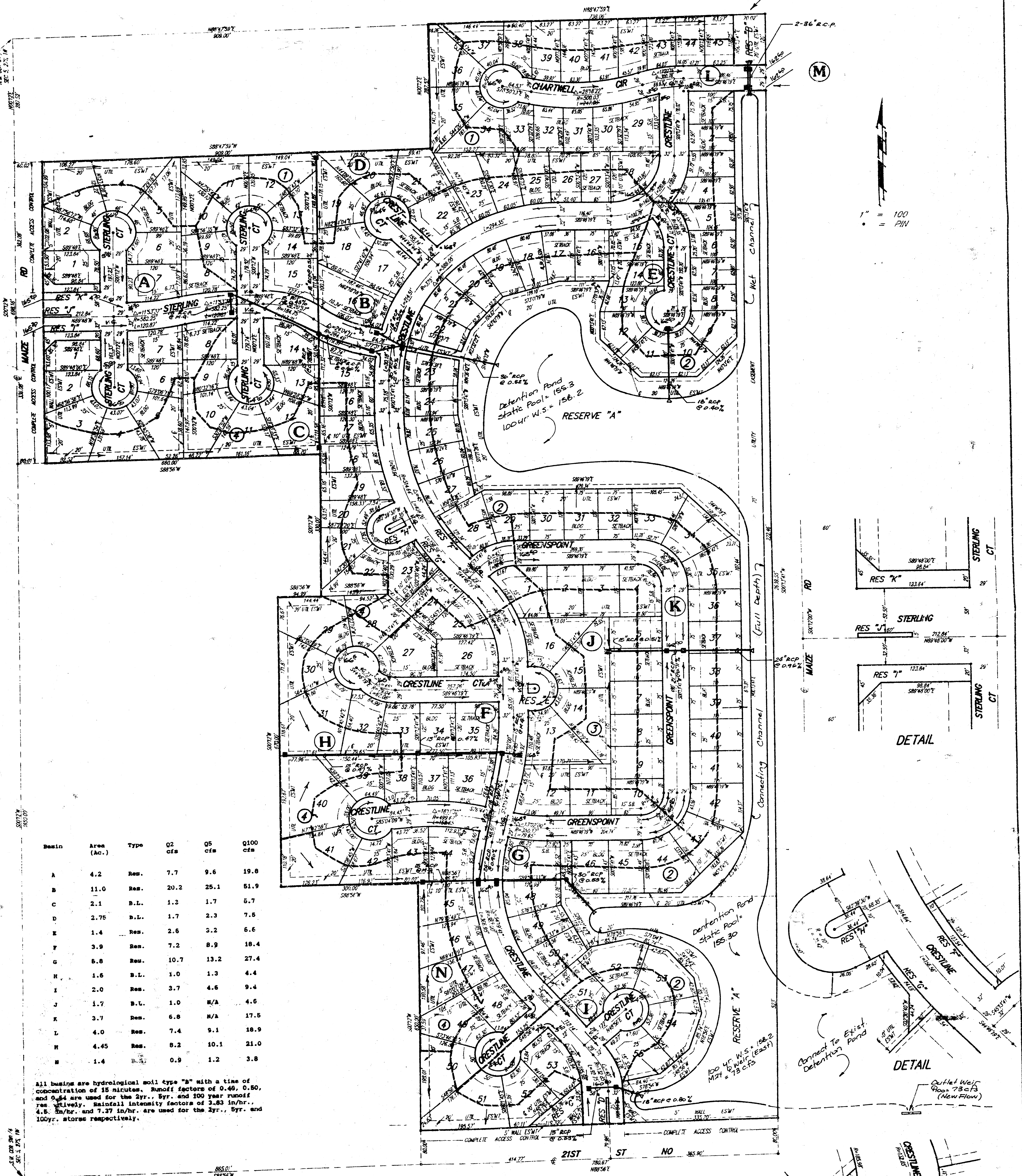


CHADSWORTH 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

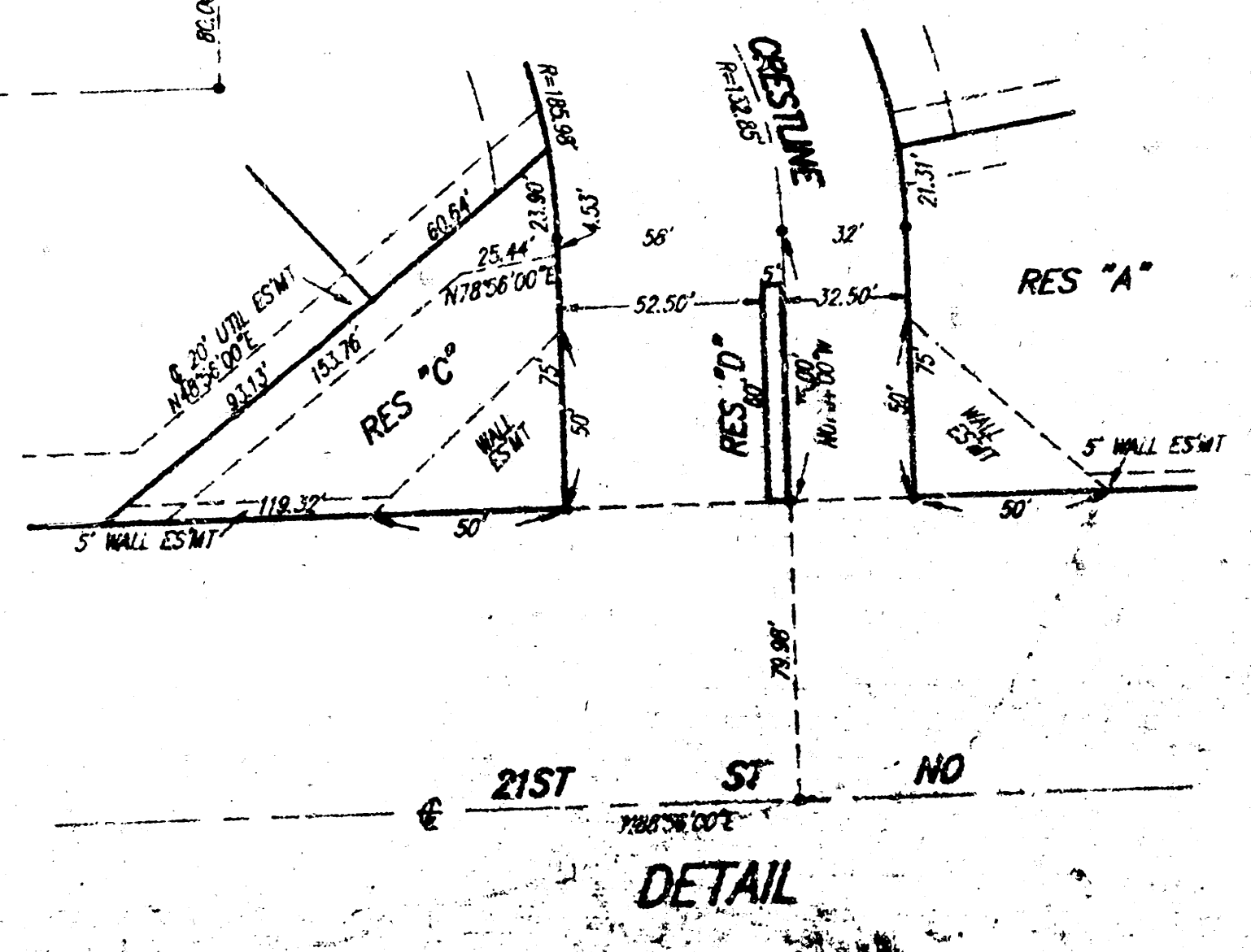
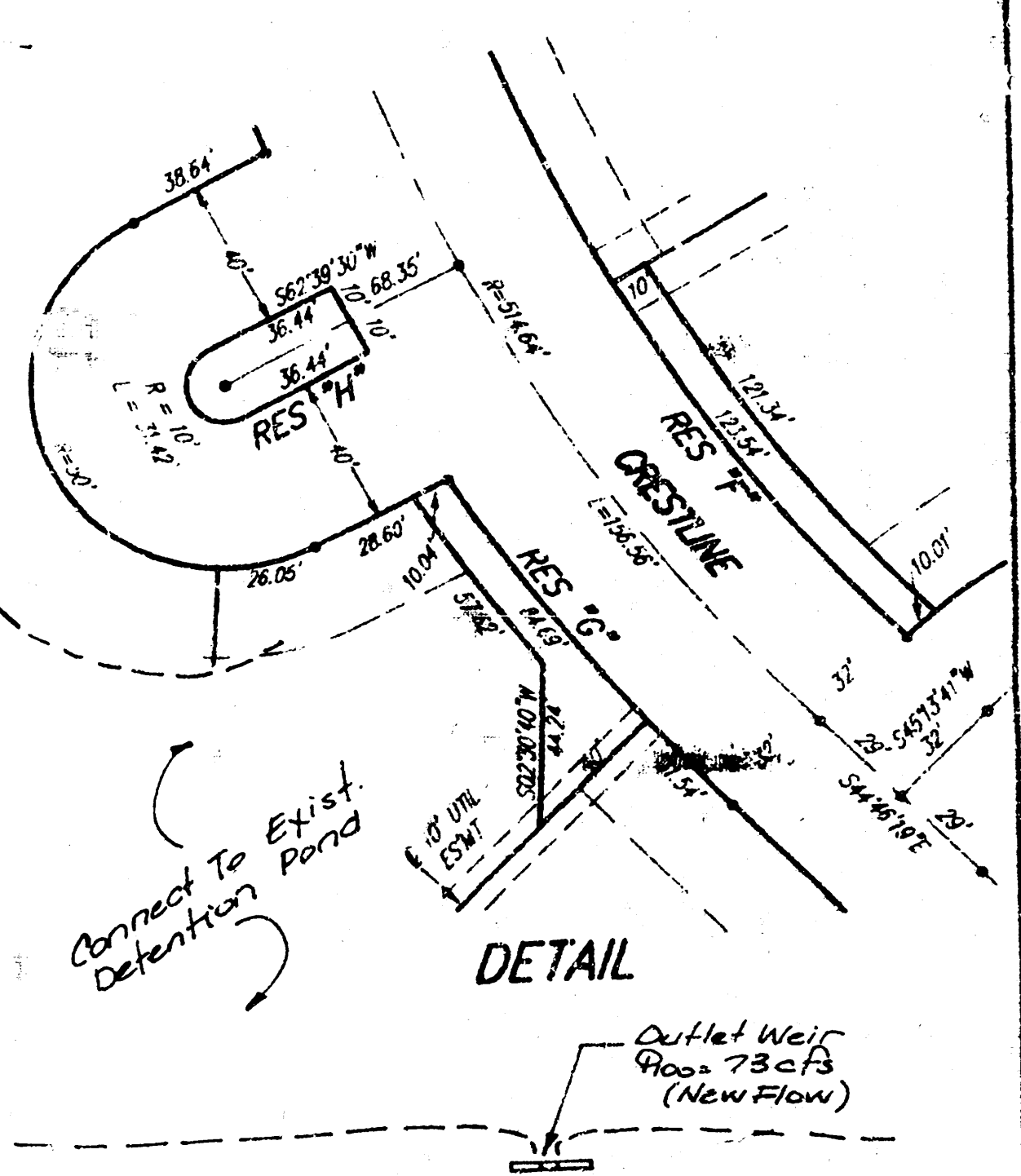
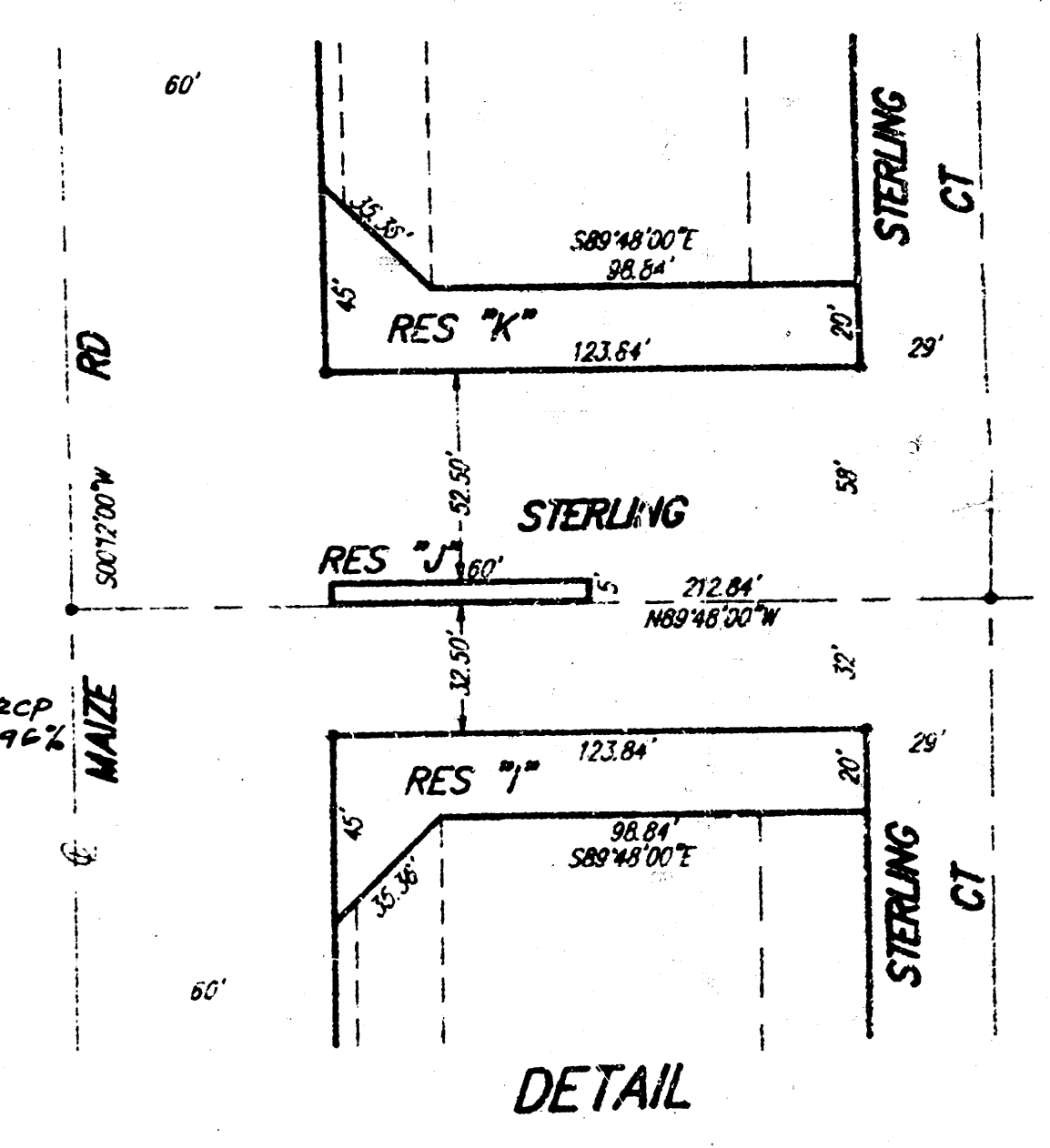
Allow 150 cfs overflow
100 ft. from Cadillac Lake



Basin	Area (Ac.)	Type	Q2 cfs	Q5 cfs	Q100 cfs
A	4.2	Res.	7.7	9.6	19.8
B	11.0	Res.	20.2	25.1	51.9
C	2.1	B.L.	1.3	1.7	5.7
D	2.75	B.L.	1.7	2.3	7.6
E	1.4	Res.	2.6	3.2	6.6
F	3.9	Res.	7.2	8.9	18.4
G	6.8	Res.	10.7	13.2	27.4
H	1.6	B.L.	1.0	1.3	4.4
I	2.0	Res.	3.7	4.6	9.4
J	1.7	B.L.	1.0	N/A	4.6
K	3.7	Res.	6.8	N/A	17.5
L	4.0	Res.	7.4	9.1	18.9
M	4.45	Res.	8.2	10.1	21.0
N	1.4	B.L.	0.9	1.2	3.8

All basins are hydrological soil type "B" with a time of concentration of 15 minutes. Runoff factors of 0.49, 0.50, and 0.54 are used for the 2yr., 5yr. and 100 year runoff respectively. Rainfall intensity factors of 3.83 in/hr., 4.5 in/hr. and 7.37 in/hr. are used for the 2yr., 5yr. and 100yr. storms respectively.

DRAINAGE PLAN
11/12/91



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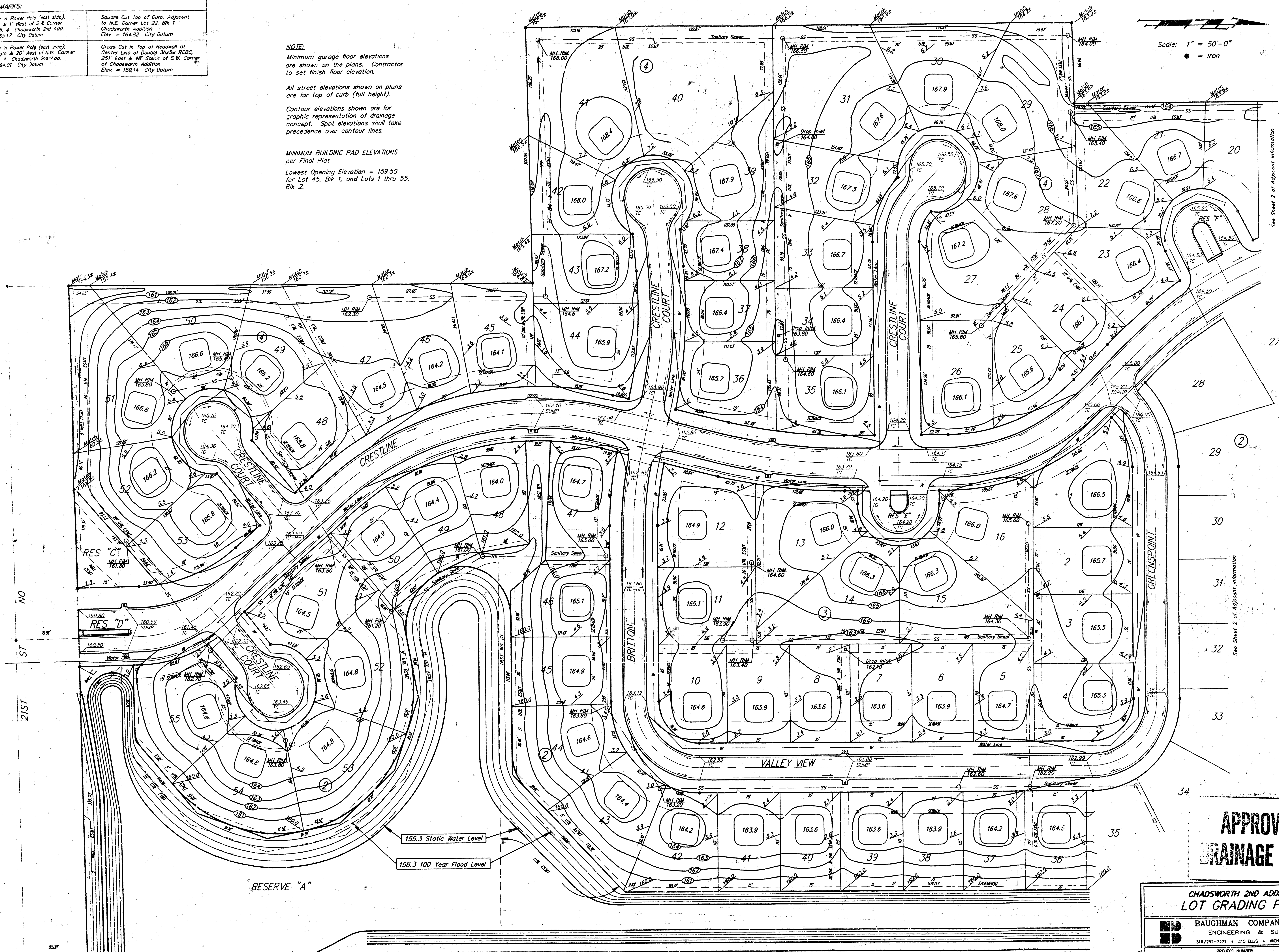
BENCH MARKS:	
R.R. Spike in Power Pole (east side), 46' South & 1' West of S.W. Corner Lot 41, Blk 4, Chadsworth 2nd Add. Elev. = 165.17 City Datum	Square Cut Top of Curb, Adjacent to N.E. Corner Lot 22, Blk 1 Chadsworth Addition Elev. = 164.62 City Datum
R.R. Spike in Power Pole (east side), 142.5' South & 20' West of N.W. Corner Lot 1, Blk 4, Chadsworth 2nd Add. Elev. = 164.01 City Datum	Cross Cut in Top of Headwall at Center Line of Double Shadow RCBO, 251' East & 48' South of S.W. Corner of Chadsworth Addition Elev. = 159.14 City Datum

NOTE:
Minimum garage floor elevations are shown on the plans. Contractor to set finish floor elevation.

All street elevations shown on plans are for top of curb (full height).
Contour elevations shown are for graphic representation of drainage concept. Spot elevations shall take precedence over contour lines.

MINIMUM BUILDING PAD ELEVATIONS per Final Plat
Lowest Opening Elevation = 159.50
For Lot 45, Blk 1, and Lots 1 thru 55, Blk 2.

Scale: 1" = 50'-0"
● = Iron



**APPROVED
DRAINAGE PLAN**

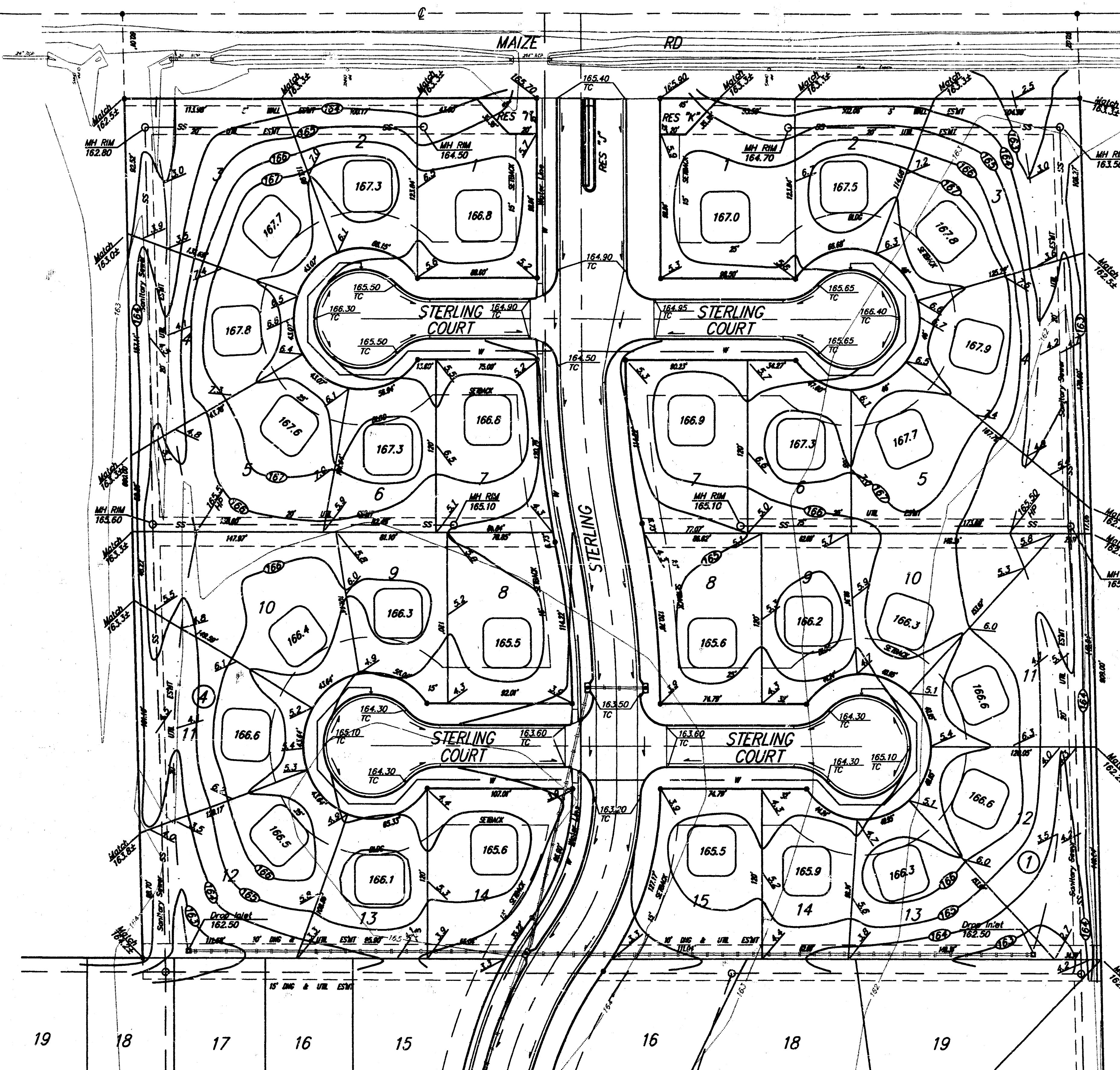
CHADSWORTH 2ND ADDITION LOT GRADING PLAN			
BAUGHMAN COMPANY P.A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WORTH, KANSAS 67211			
PROJECT NUMBER			
DESIGN P.C.M.	DRAWN P.J.M.	UTIL. CHECKED DATE Jun 24, 92	SCALE 1"=50'-0"
			SHEET 3

FILMED FROM THE BEST

BENCH MARKS:	
R.R. Spike in Power Pole (east side), 4' South & 1' West of S.W. Corner Lot 41, Blk 4 Chadsworth 2nd Add. Elev. = 165.17 City Datum	Square Cut Top of Curb, Adjacent to N.E. Corner Lot 22, Blk 1 Chadsworth Addition Elev. = 164.82 City Datum
R.R. Spike in Power Pole (east side), 143.5' South & 20' West of N.W. Corner Lot 1, Blk 4 Chadsworth 2nd Add. Elev. = 164.01 City Datum	Cross Cut in Top of Headwall at Center Line of Double Shovel 1626, 231' East & 40' South of S.W. Corner of Chadsworth Addition Elev. = 158.14 City Datum



Scale: 1" = 50'-0"
● = Iron



See Sheet 2 for Adjacent Information

See Sheet 2 for Adjacent Information

NOTE:

Minimum garage floor elevations are shown on the plans. Contractor to set finish floor elevation.

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

Contour elevations shown are for graphic representation of drainage concept. Spot elevations shall take precedence over contour lines.

MINIMUM BUILDING PAD ELEVATIONS per Final Plot

Lowest Opening Elevation = 159.50 for Lot 45, Blk 1, and Lots 1 thru 55, Blk 2.

**CHADSWORTH 2ND ADDITION
LOT GRADING PLAN**

BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
318/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER					SHEET 3 OF 3
DESIGN P.J.M.	DRAWN P.J.M.	UTL. CHECKED P.J.M.	DATE Jan 24, 92	SCALE 1"=50'-0"	

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