AREA	SIZE Ac.	C	Q2 cfs	Q100 cfs
A	4.6	0.8	14.1	27.1
B	6.3	0.8	19.3	37.1
C	3.8	0.5	7.3	14.0
D	4.6	0.5	8.8	16.9
E	5.0	0.5	9.6	18.4
F	11.7	0.5	22.4	43.1
G	3.4	0.5	6.5	12.5
H	5.7	0.5	10.9	21.0
I	1.5	0.5	3.0	5.6
J	7.1	0.5	13.6	26.1

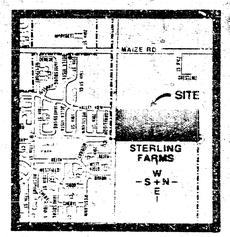
The Maximum Discharge allowed into the existing Box Structure (3' x 5') across 21st St. is 130 CFS generated from 125 acres north of 21st St. No. The maximum outflow which will be permitted to discharge from the platted areas in the future will be limited to 123 CFS which provides 7 CFS within the Right-of-Way.

NOTES:

1) DRAINAGE CONCEPT PLAN TO BE PREPARED AND SUBMITTED TO CITY ENGINEER BY BAUGHMAN CO.
2) B.M.- CITY DISC. 64' E. 99' S. CENTERLINE MAIZE & 21ST NO. ELEV.- 164.30 CITY DATUM.
3) RESERVES "A" & "D" TO PERMIT LAKES, DRNG. STRUCTURES, LANDSCAPING, WALKS, GAZEBOS, FLAGS AND UTILITIES CONFINED TO EASEMENTS.
4) RESERVES "B" & "C" TO PEMIT LANDSCAPING, ENTRY MONUMENTS, FLAGS, AND UTILITIES CONFINED TO EASEMENTS.
5) RESERVE "E" TO PERMIT LANDSCAPING AND UTILITIES CONFINED TO EASEMENTS.
6) TOTAL AREA- 57.9 AC.

W S N E

SCALE: 1"= 100'
CONTOUR INTERVAL= 2'



LOCATION MAP
NO SCALE

Existg. drainage ditch
BRUCE A. PEARSON & WIFE
ZONED R-1

Offsite Drainage Esmt. to be Aquired

VALLEYVIEW
GRAF-GOLDSTON ADDITION
ZONED AA
CORNELISON
JAMESBURG PARK ADDITION
ZONED AA
NORTH
21ST STREET
PROPOSED LAKE
2.1 AC.
RES. "A"
RES. "B"
RES. "C"
RES. "D"
PROPOSED LAKE
3.2 AC.
CHADSWORTH
CHADSWORTH CT.
AMARADO
AMARADO CT.
BRITTON
GREENSPOINT
STERLING
CHARTWELL
WYNCROFT
WYNCROFT CT.
BROOKRIDGE
BROOKRIDGE CT.
STERLING FARMS ADDITION
ZONED AA UNDER C.U.P., D.P.-177
2559.55'
N00°13'14"E
2561.85'
S00°13'14"W
N88°47'15"E 985.31'
N.W. COR. S.E. 1/4 SEC. 5, T27S, R1W
S.W. COR. S.E. 1/4 SEC. 5, T27S, R1W
COMPLETE ACCESS CONTROL
16" WATER MAIN
60" WATER SUPPLY LINE
12KV-3 PHASE-KG&E LINE
4" KN.G.P.L. GAS LINE
KPL & CW STEEL (5' N. S. R/W LINE)
F.L.= 147.16
F.L.= 147.92
F.L.= 148.68
F.L.= 149.27
F.L.= 149.83
EXIST. 10" SAN. SEWER
ZONED R-1

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

DRAINAGE PLAN
PRELIMINARY PLAT

CHADSWORTH ADDITION

OWNER: THREE A H CORPORATION, P.O. BOX 9007, WICHITA, KS 67277-0007 PH: 722-2417

Revise Topo's (W) (ST datum)

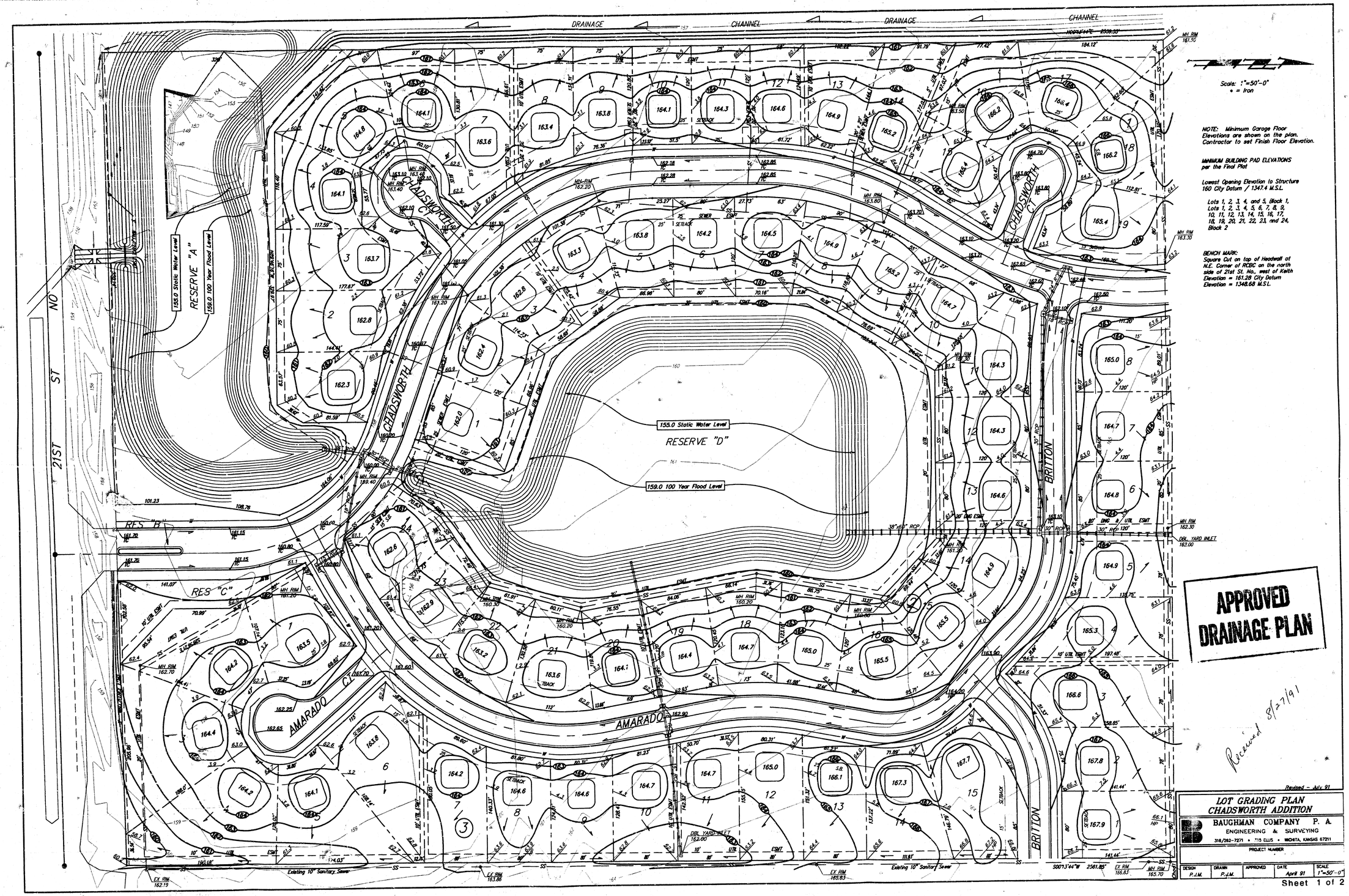
BILL G. YUNG DESIGN
4201 PATRICIA ST. 67220
316-682-1041

DATE: NOV 6, 1990
REV.

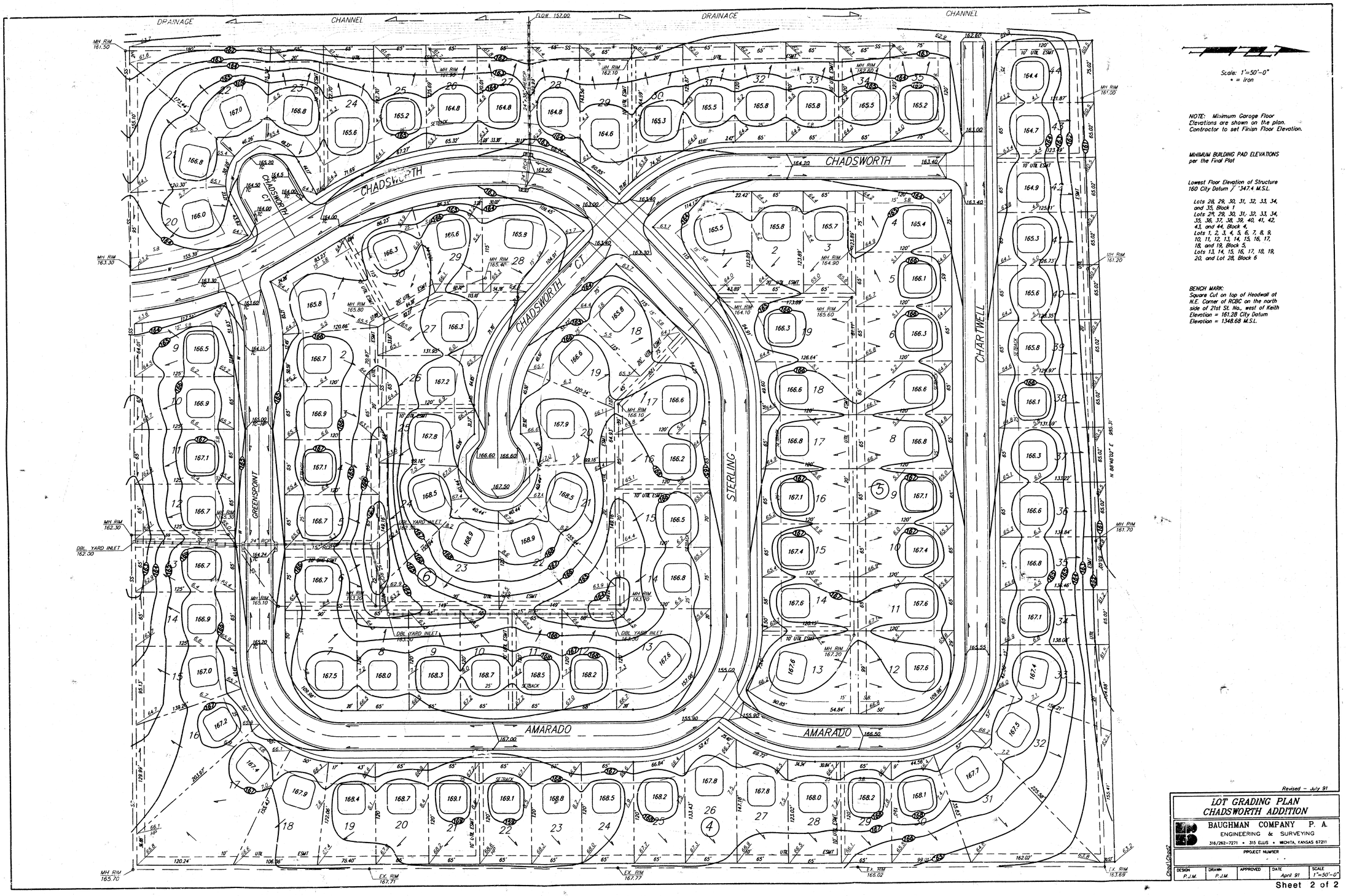
SHEET TITLE
PRELIMINARY PLAT

PROJECT
CHADSWORTH ADDITION

SHEET OF



FILMED FROM THE BEST AVAILABLE COPY



Scale: 1"=50'-0"
• = Iron

NOTE: Minimum Garage Floor Elevations are shown on the plan. Contractor to set Finish Floor Elevation.

MINIMUM BUILDING PAD ELEVATIONS per the Final Plat

Lowest Floor Elevation of Structure 160 City Datum / 1347.4 M.S.L.

Lots 28, 29, 30, 31, 32, 33, 34, and 35, Block 1
Lots 29, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, and 44, Block 4.
Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19, Block 5.
Lots 13, 14, 15, 16, 17, 18, 19, 20, and Lot 28, Block 6

BENCH MARK:
Square Cut on top of Headwall at N.E. Corner of RCBC on the north side of 21st St. No., west of Keith
Elevation = 161.28 City Datum
Elevation = 1348.68 M.S.L.

Revised - July 91

LOT GRADING PLAN
CHADSWORTH ADDITION

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

PROJECT NUMBER

DESIGN	DRAWN	APPROVED	DATE	SCALE
P.J.M.	P.J.M.		April 91	1"=50'-0"

Sheet 2 of 2

FILMED FROM THE BEST AVAILABLE COPY