

STORM WATER DRAIN #186

to serve

THE FAIRMONT - PHASE II

CITY OF WICHITA, KANSAS

Neil D. Cable, P.E. City Engineer

Project Number

468-83404

O.C.A. Number

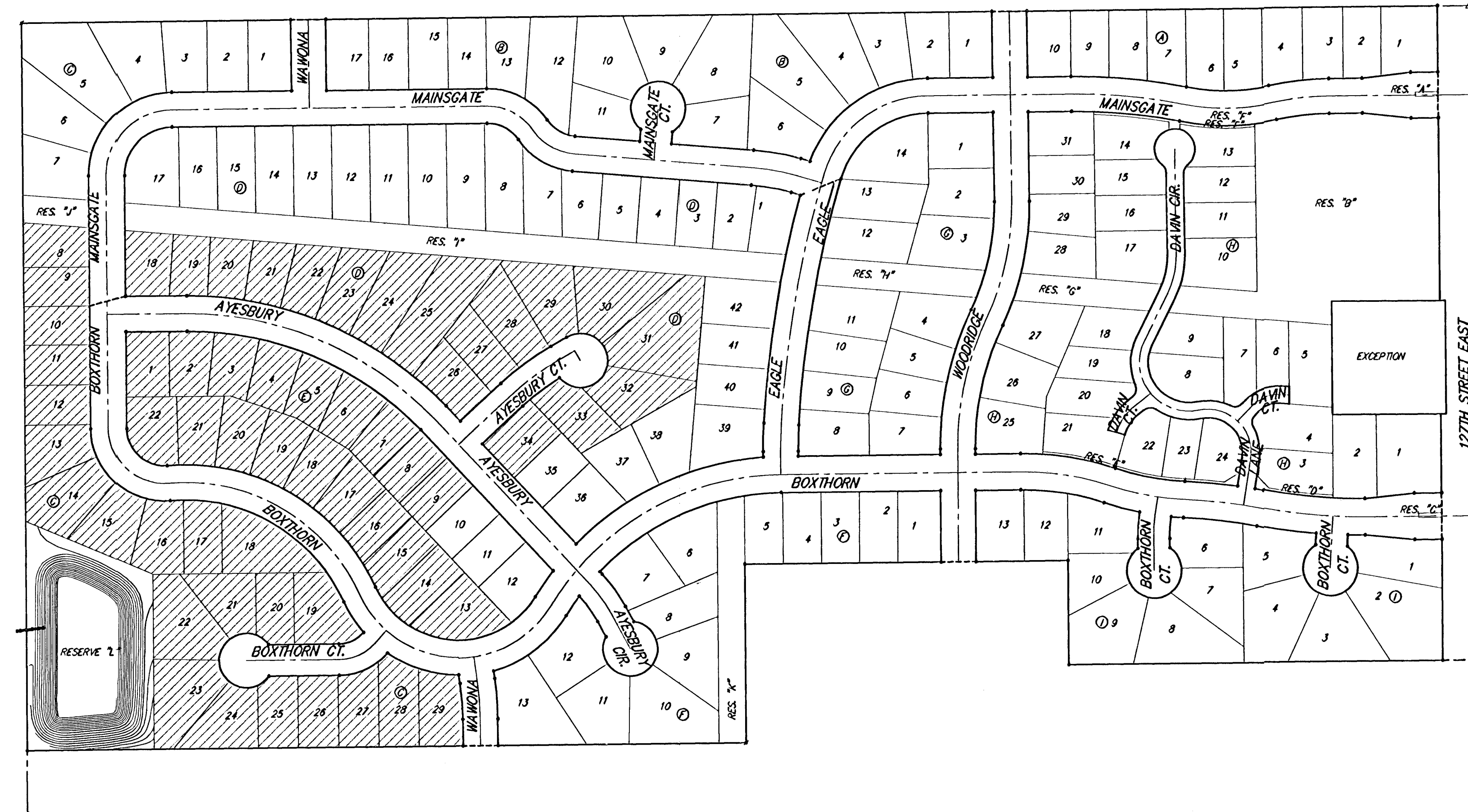
751339

GENERAL NOTES:

- Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

The Contractor must notify the following in case of an emergency:
Cox Communications 262-4270
Kansas Gas Service 383-8600
Kansas Gas & Electric Company 383-8650
Peoples Gas Company 942-7600
Southwestern Bell Telephone Company 1-800-344-7233
City of Wichita Water Dept. 268-4908
City of Wichita Sewer Maintenance 268-4071
City of Wichita Traffic Engineering 269-4446
- Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- All areas disturbed by construction shall be seeded as indicated on the Mass Grading Plan.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state law.



Benefit District



Scale: 1" = 150'

Booked
6-23-04
C-267

Benchmarks

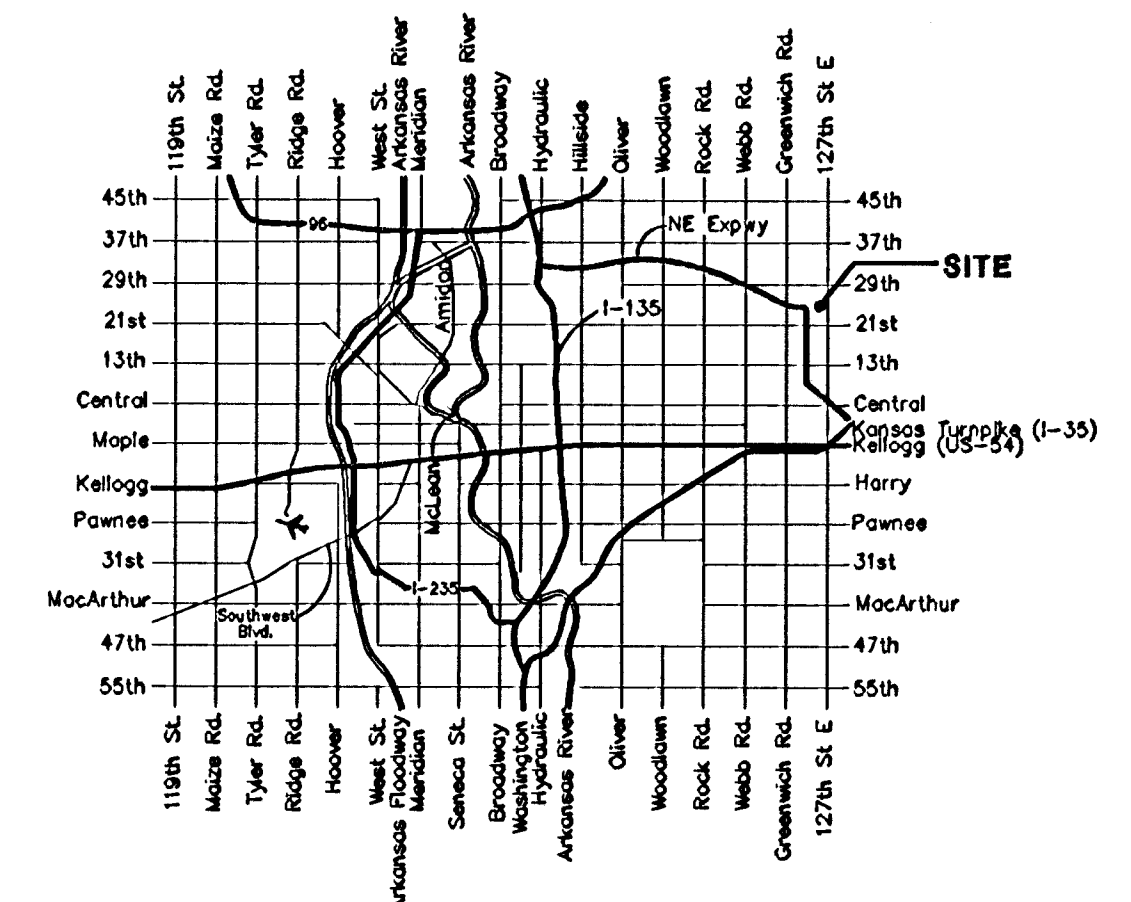
BM #1: "X" Cut on T.C., 12' west of east end of N curb return on the north drive entrance of the Church of the Magdalen.
Elev. = 190.48 (City Datum)

BM #2: RR spike on the west face of PP on the east side of 127th Street East, adjacent to the south line of The Fairmont Addition.
Elev. = 187.25 (City Datum)

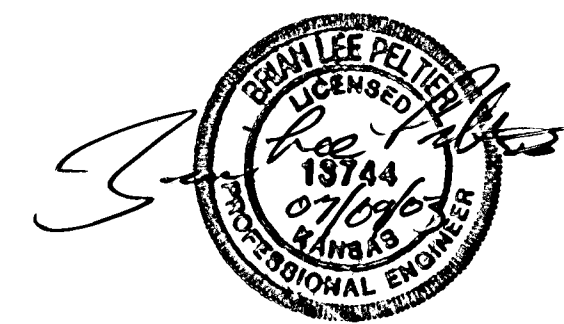
BM #3: RR spike on the east face of PP on the west side of 127th Street East, 37' N and 13' E of the NE corner of Lot 1, Block H, The Fairmont Addition.
Elev. = 189.19 (City Datum)

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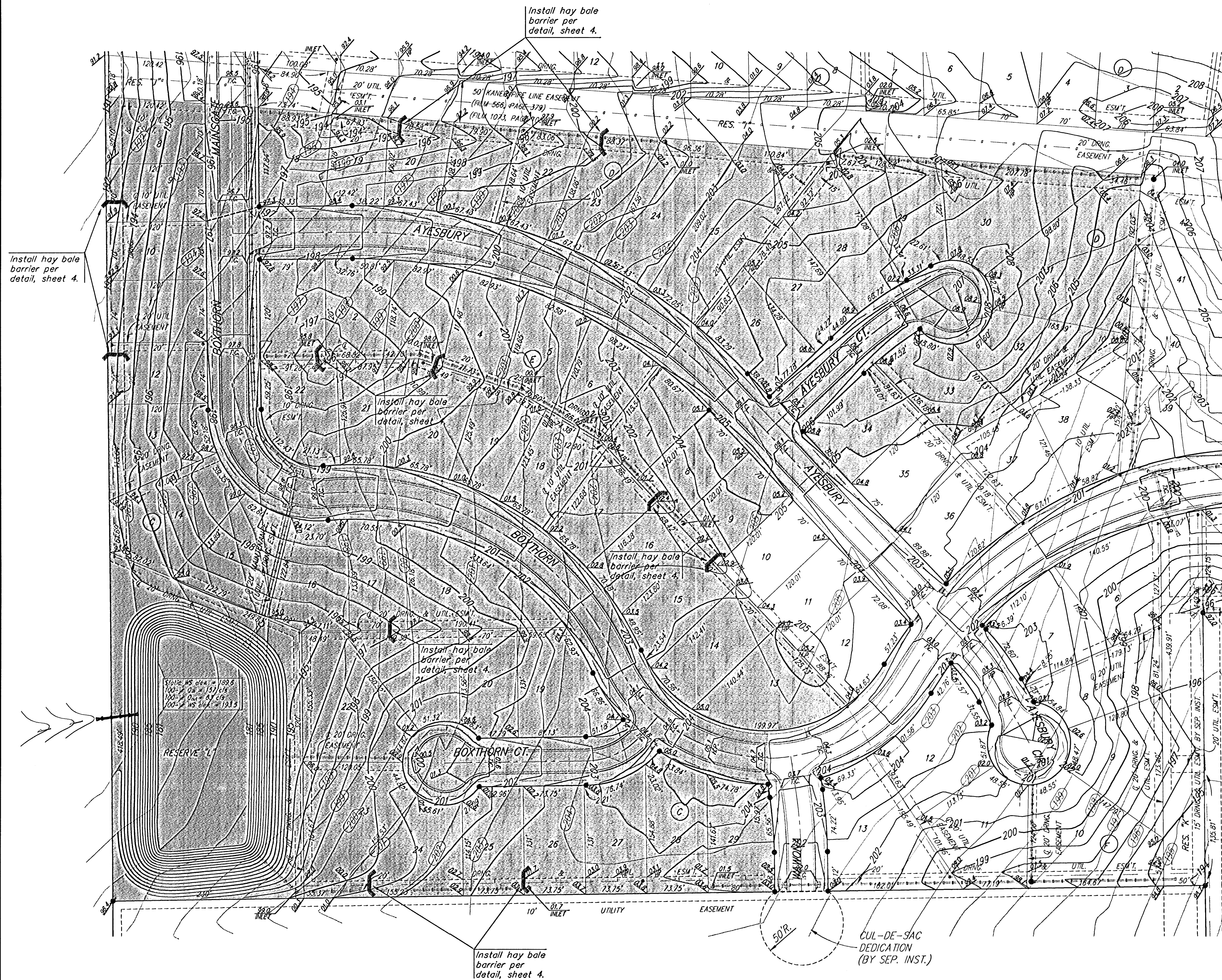


Vicinity Map



AsBuilt - Per Plan

July 2003



Scale: 1" = 60'

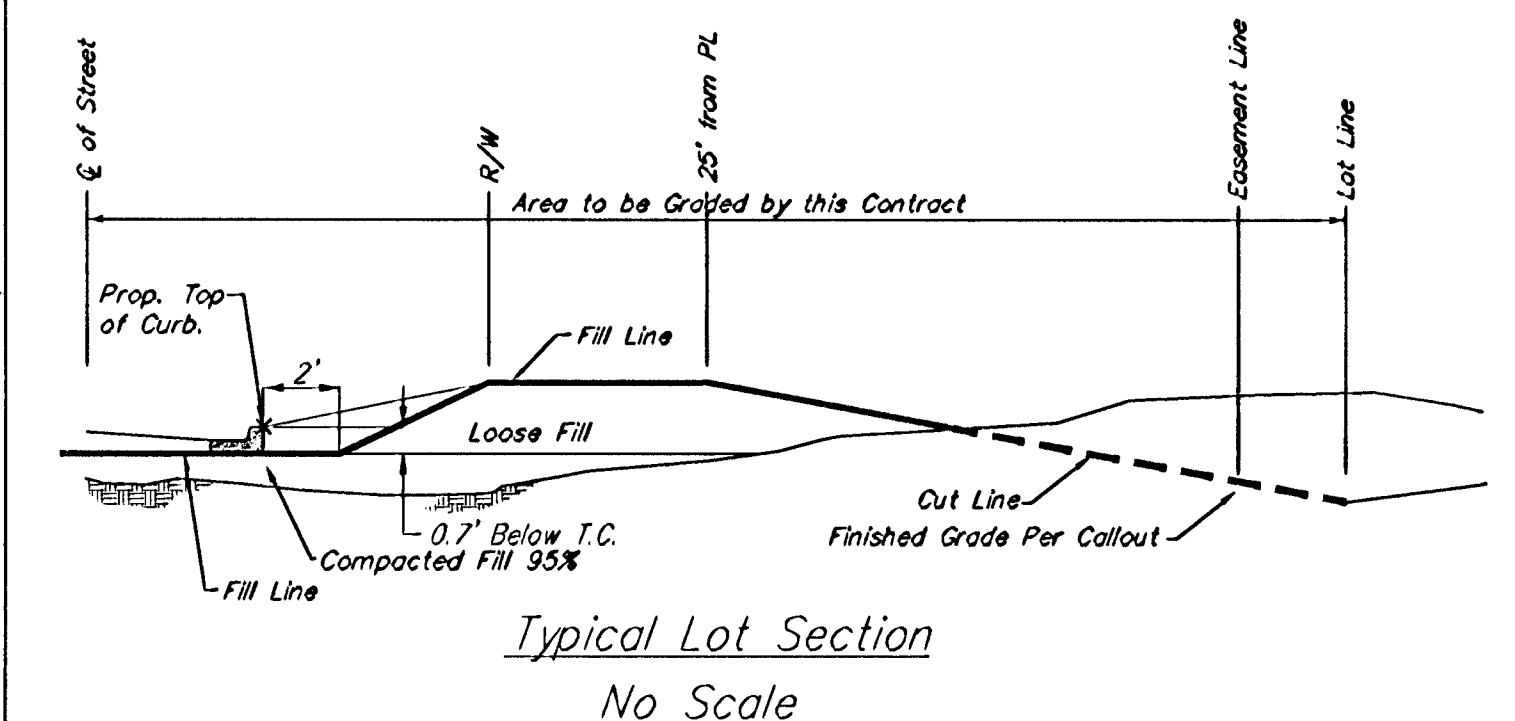
All areas disturbed during construction not under proposed pavement are to be seeded, mulched and fertilized as follows:
Seed: - Rye Grass (PLS) - 3#/1000 Sq. Ft. and Kansas Premium Fescue Blend - 3#/1000 Sq. Ft.
Mulch: - 2 tons prairie hay/acre.
Fertilizer: - 12-24-12 ratio - 350 lbs./acre
Cost of seeding, fertilizing, and mulching shall be incidental to "Project Seeding".

EARTH WORK TOTALS

	C.Y. Excavation	C.Y. Fill
Mass Grading	12,581	11,425
Pond Construction	24,416	0
Total	36,997	11,425

Stockpile excess material on-site at an area to be designated by the engineer out of easements and right-of-way. Earthwork quantities do not include correction factors. Pond excavation shall be bid as C.Y. Excavation. Mass grading earthwork quantities are for reference only. All cost associated with mass grading shall be incidental to lump sum bid item "Mass Grading".

1. Contractor to strip top 3" of soil before mass grading and stockpile. Top soil stockpile to be redistributed over entire disturbed area excluding street right-of-way and ponds to achieve planned grade.
2. Compaction of 90% shall be obtained in all fill areas.
3. It shall be the Contractor's responsibility to protect the sanitary sewer and water distribution system during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.
4. A deduction in quantities has been for easements which will be graded with the sanitary sewer project.



- Area to be graded
- XXX Existing Grade
- XXX Proposed Grade

THE FAIRMONT - PHASE 2
MASS GRADING PLAN
WICHITA, KANSAS

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

PROJECT NUMBER
488-83404

DESIGN: NGW DRAWN: TMS APPROVED: DATE: 7/09/03 SCALE: Noted

SHEET
2
OF
7

Diagram illustrating a cross-section of a riverbank stabilization structure. The structure consists of a series of vertical wooden stakes driven into the soil, connected by horizontal bales. The top surface is covered with a layer of material, possibly straw or hay, and is labeled 'A'. The structure is labeled 'B'.

Ditch	Check	Spacing
Ditch	grade	Check Spacing
(%)		(feet)
0.5		200
1.0		200
2.0		100
3.0		65
4.0		50
5.0		40
6.0		30

The diagram illustrates the correct installation of a wood post. A vertical wood post is shown with a label: "Wood Post 36" High Max." The post is secured into the ground by a "4'x6" Trench with compacted backfill". A "Filter Fabric" is attached to the upstream side of the post, with an arrow indicating the direction of "Runoff". The "Ponding Height" is indicated by a horizontal line above the filter fabric. The depth of the trench is labeled as "18" min.".

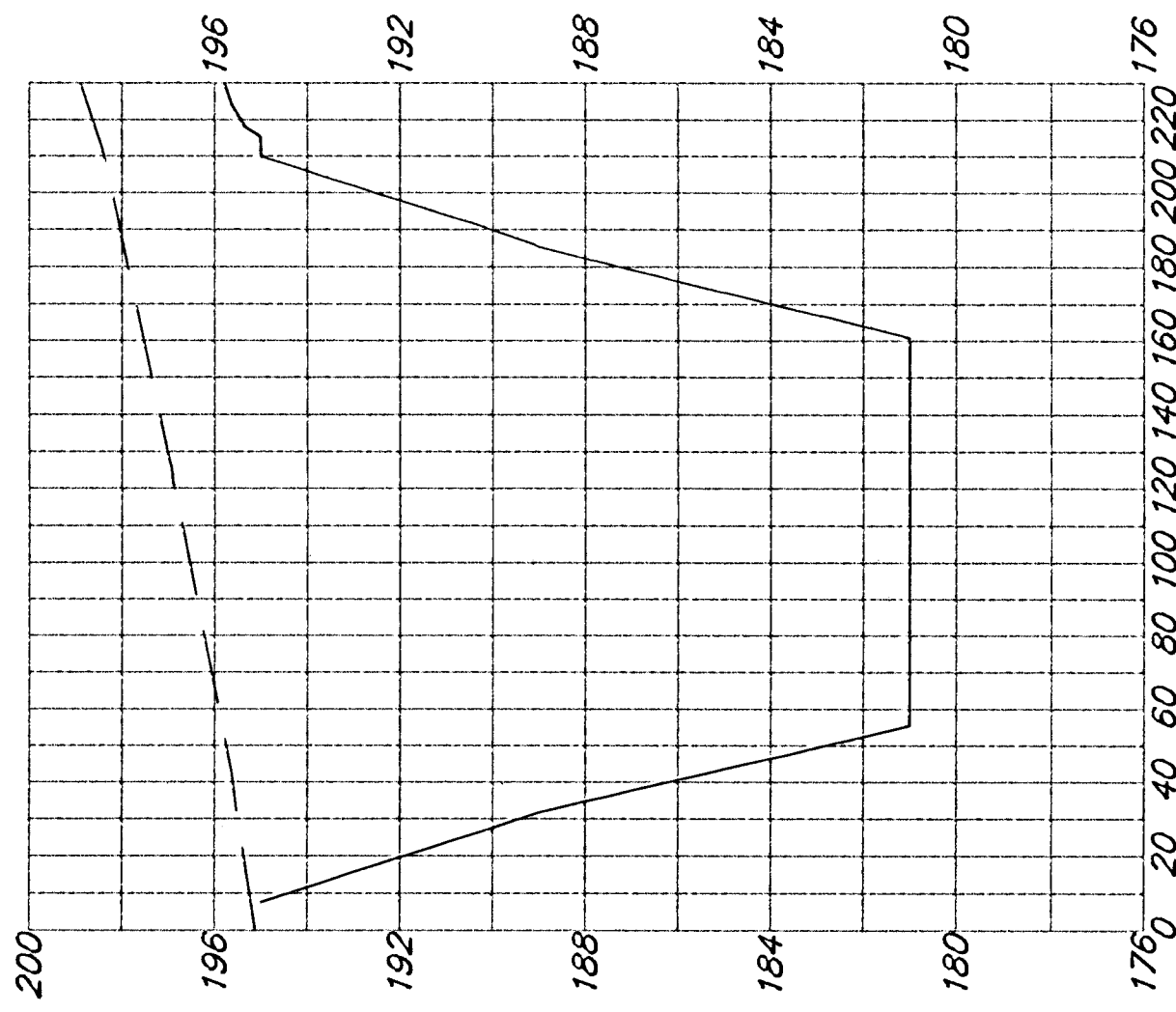
The diagram illustrates a diversion ridge system. The top portion is a cross-section labeled "SECTION C-C" showing an "Existing Paved Roadway" on the left, a "Filter Fabric for Stabilization" layer, and a "Diversion Ridge" on the right. A note indicates a "2% or Greater" slope. The bottom portion is a plan view showing the "Diversion Ridge" with a "Spillway" and "Flow" arrows. A "Sediment Barrier (Straw Bale type shown)" is located upstream of the spillway. A note specifies: "NOTE: USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED." Dimensions include a "2'-3\" course aggregate min. 6\" thick" layer, a "50' min." width, and a "12' min." height. A "Flow" arrow points towards the "Diversion Ridge".

* TO BE PAID FOR AS THE LUMP SUM
BID ITEM "EROSION CONTROL BMP'S"

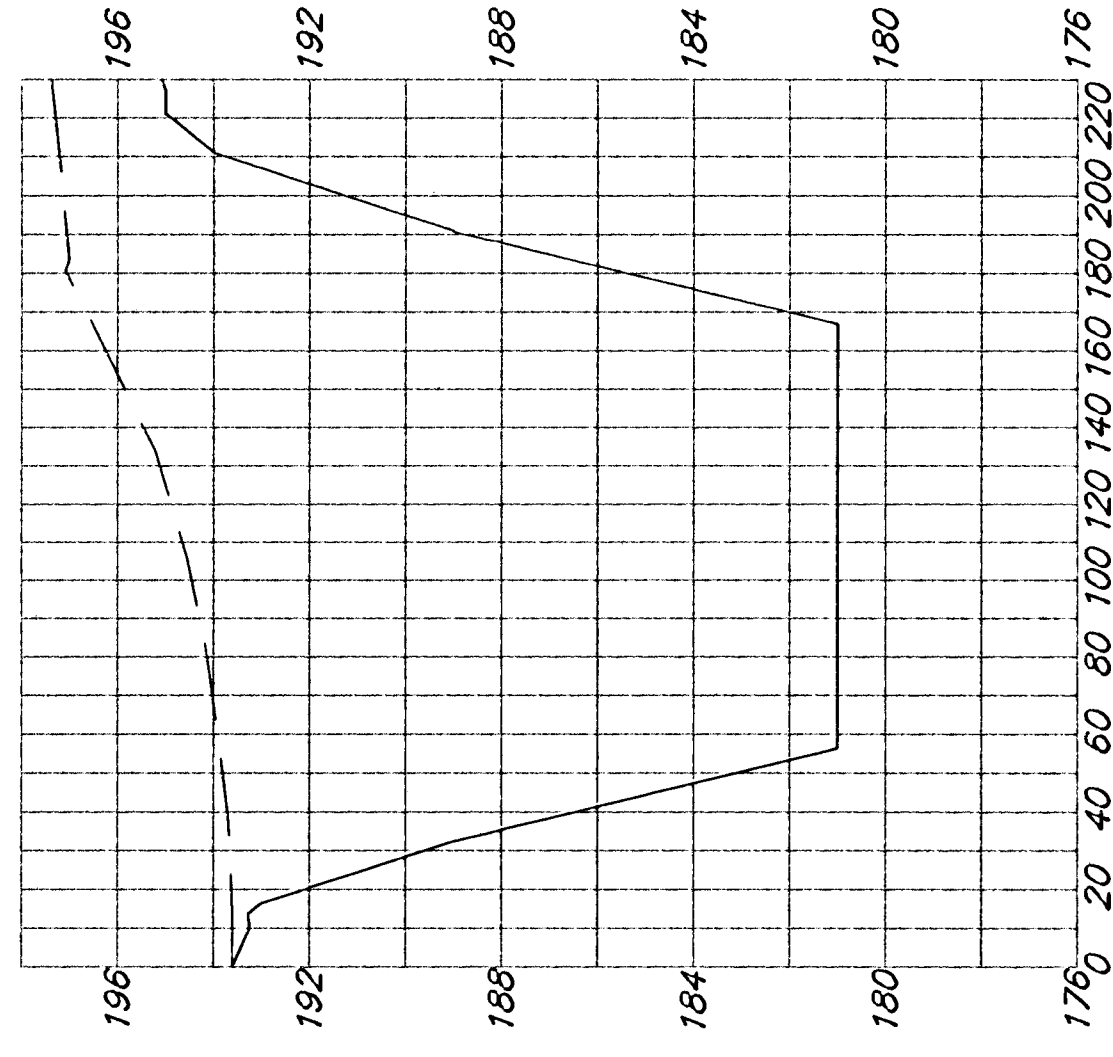


PROJECT NUMBER 468-83404	OCA NO. 751339
DATE JUL 2003	SHEET 4 OF 7

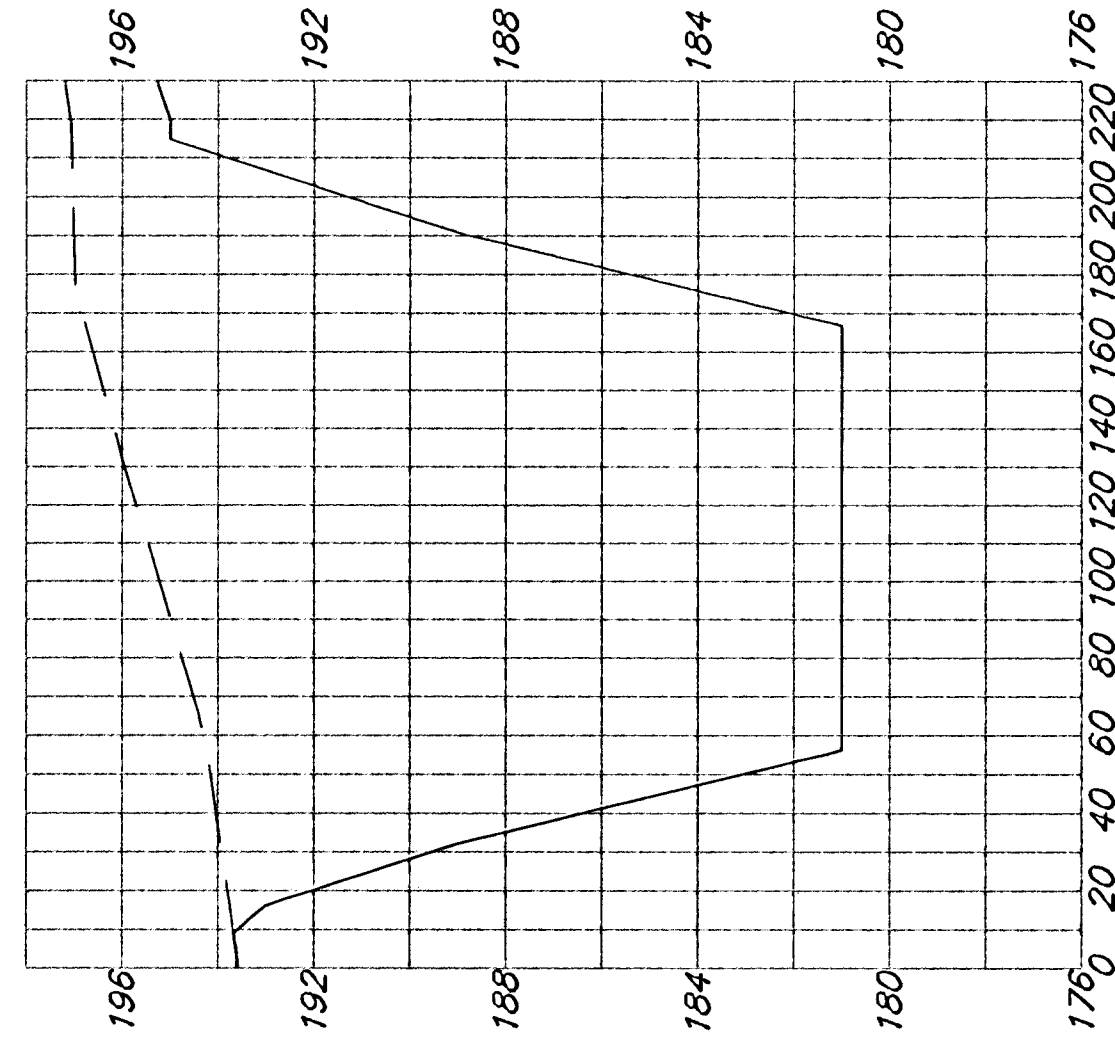
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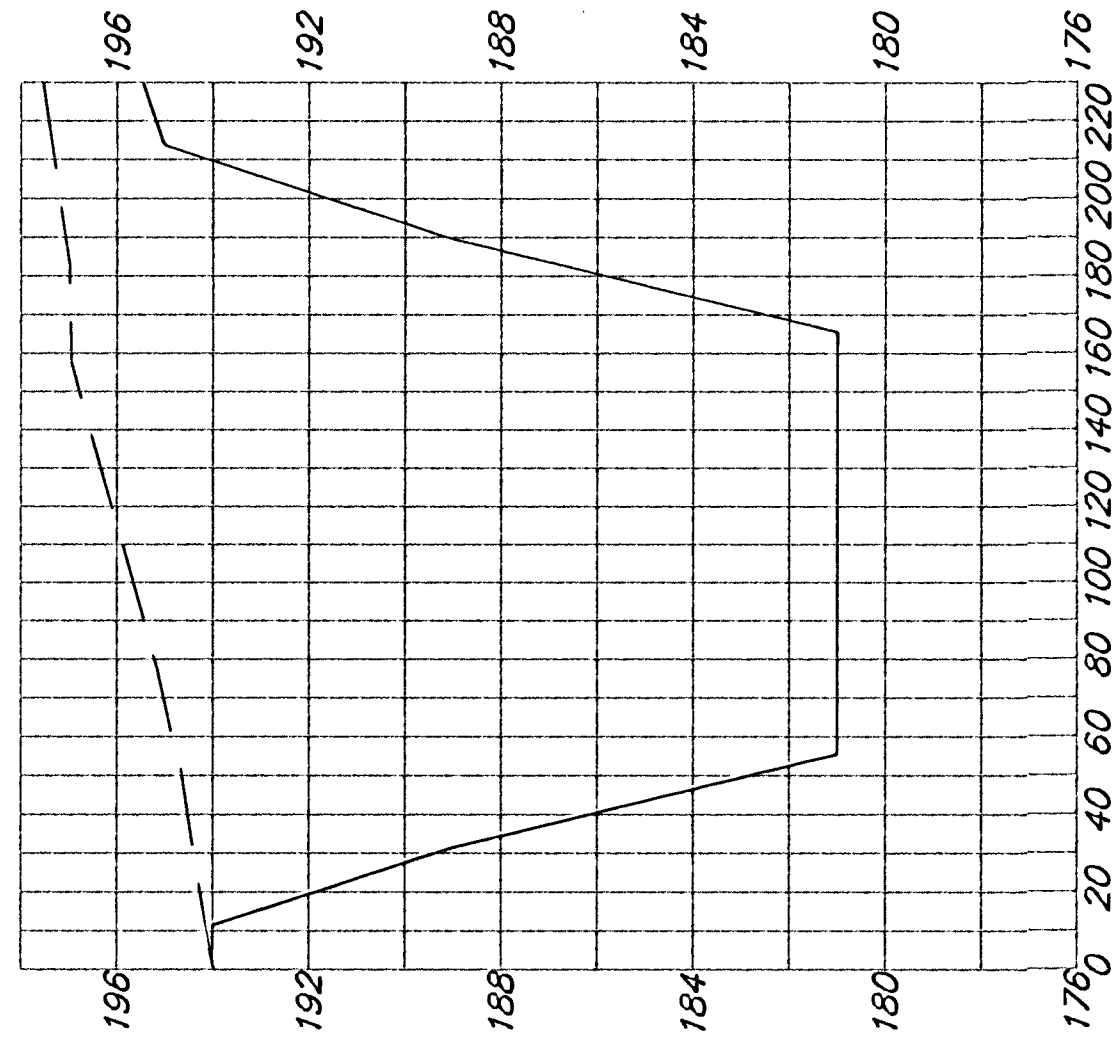
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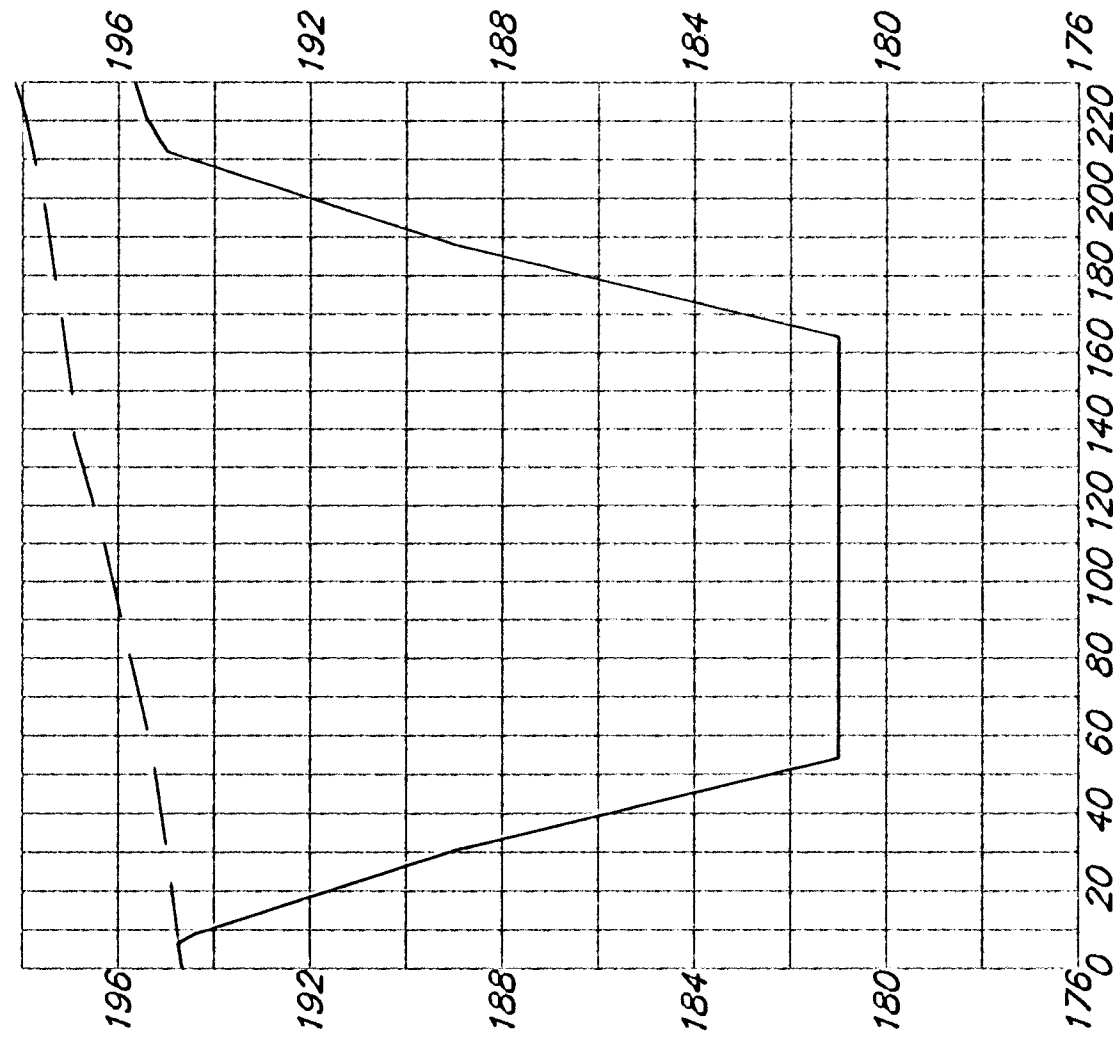
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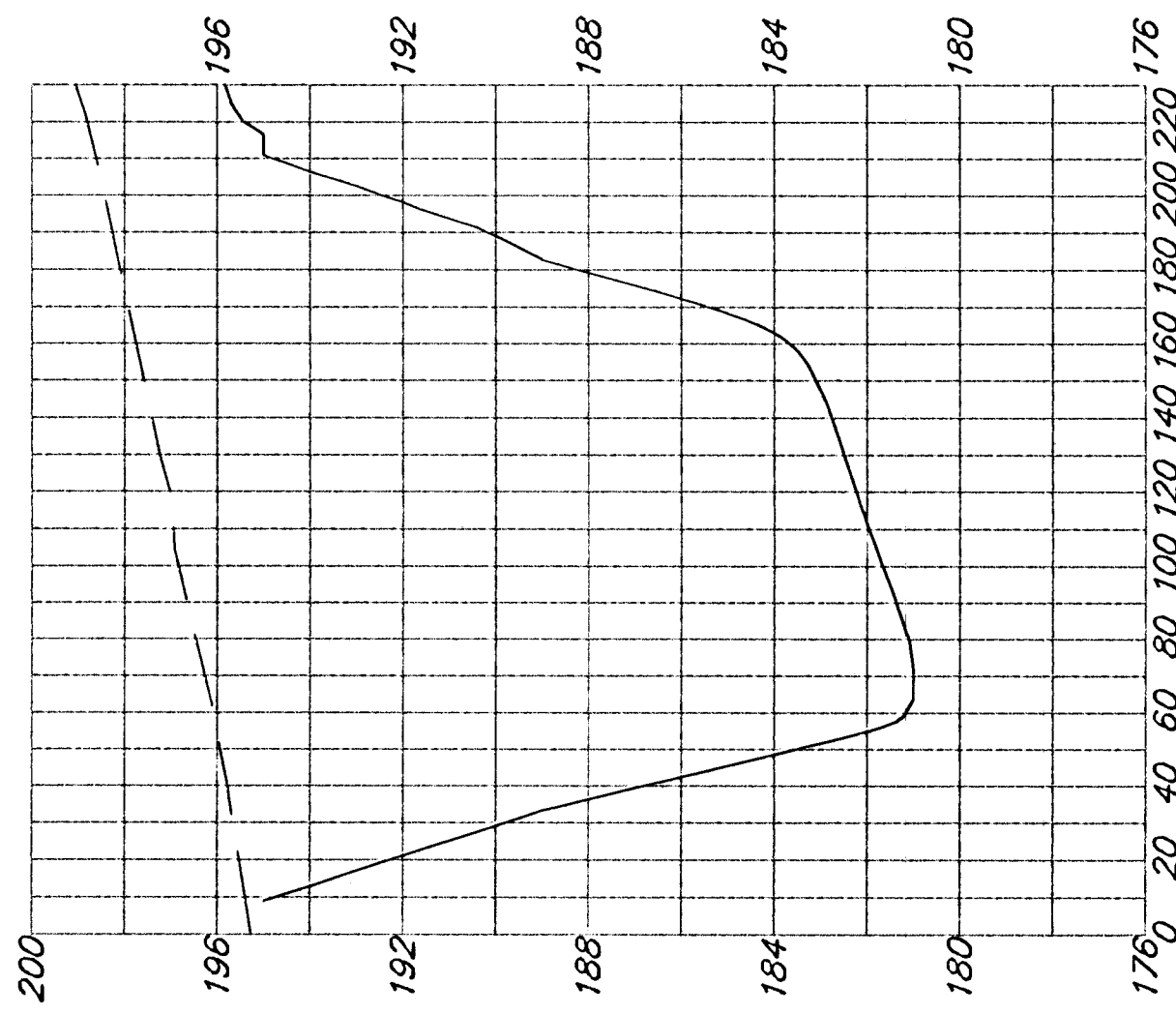
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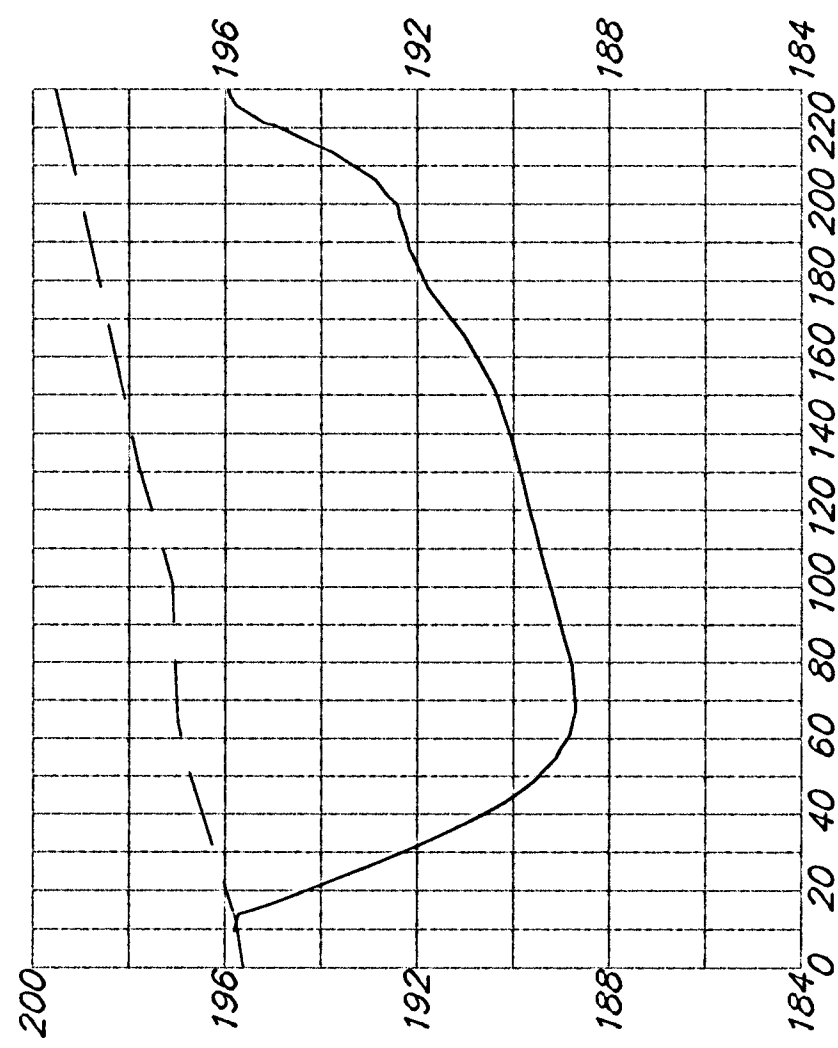
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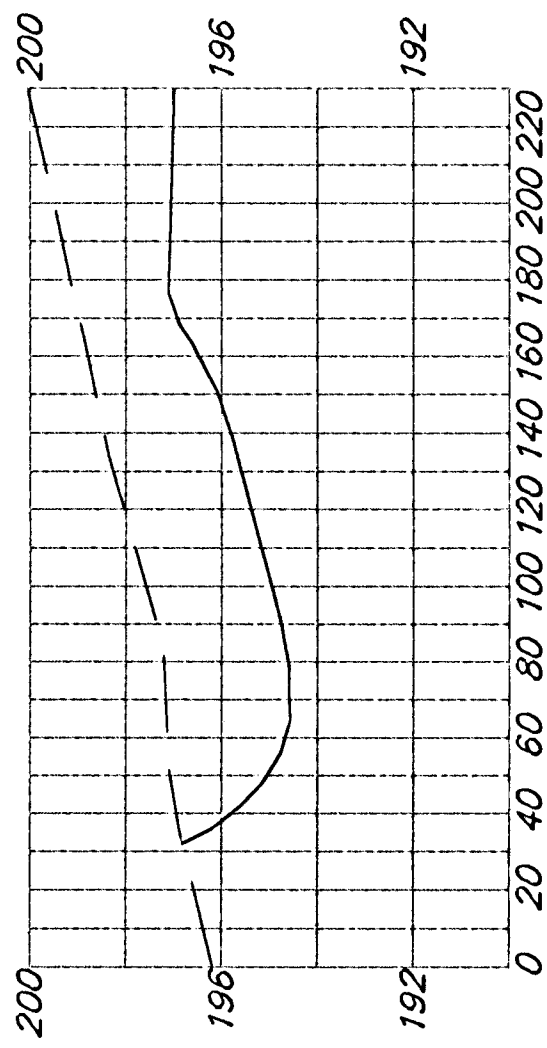
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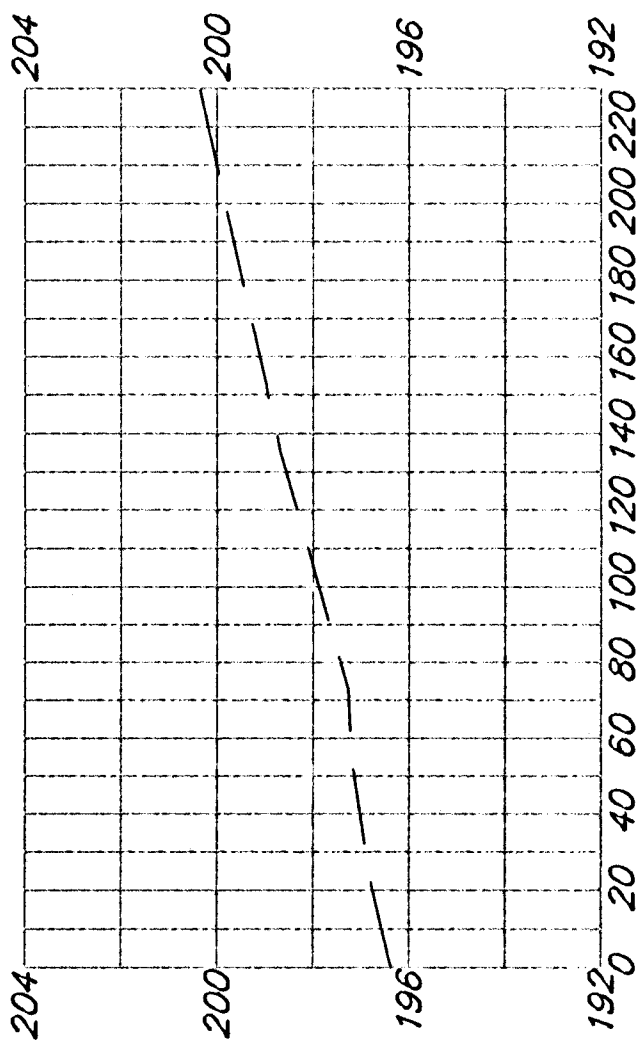
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0+14



0+00



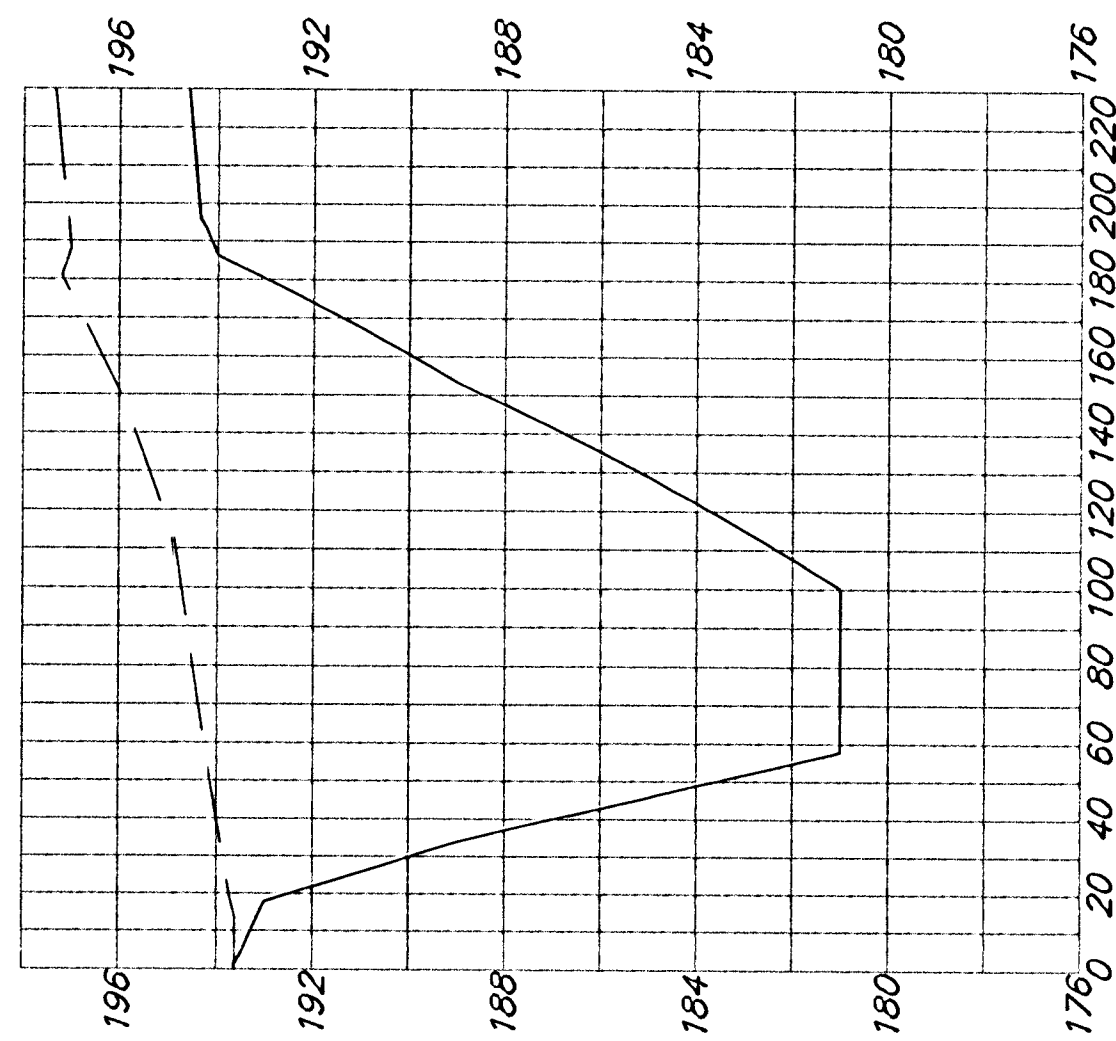
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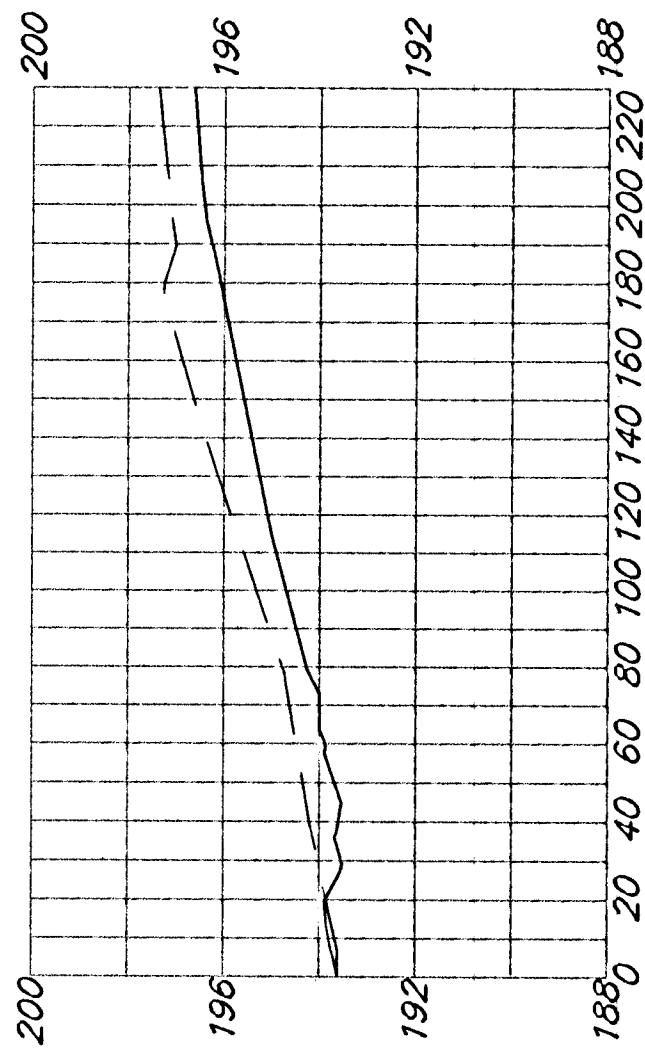
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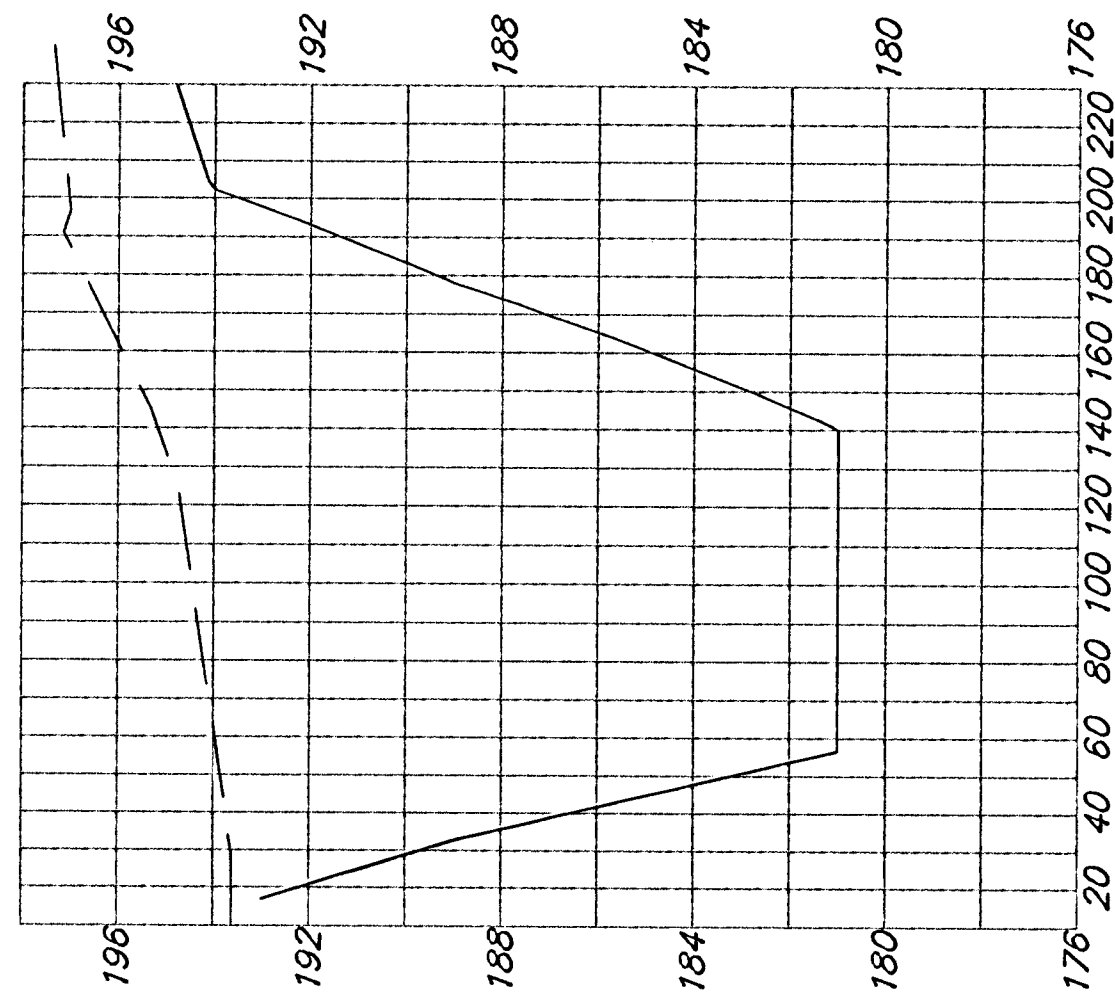
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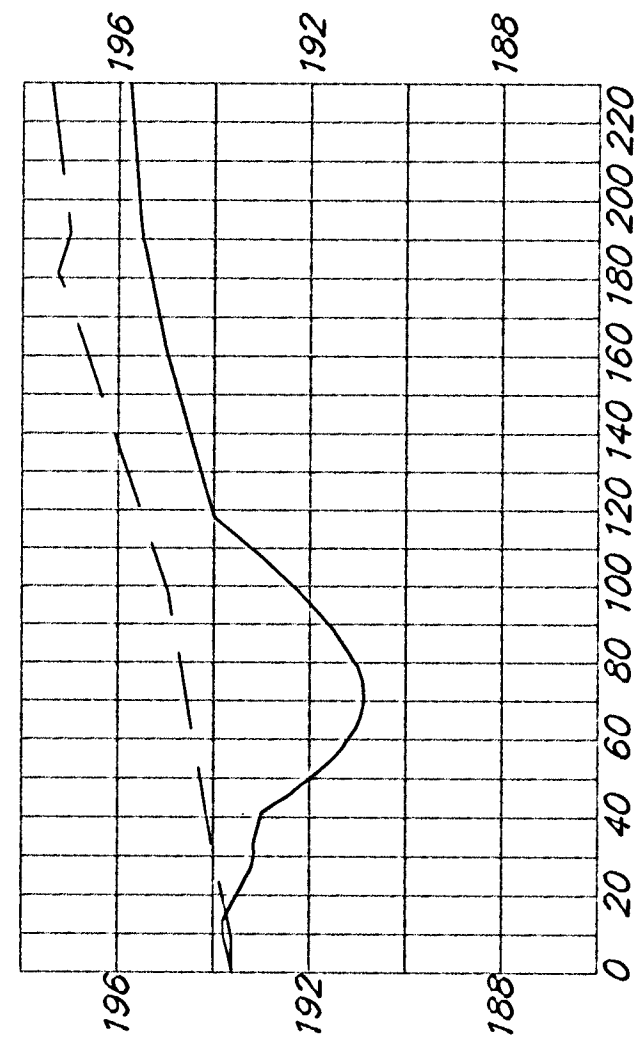
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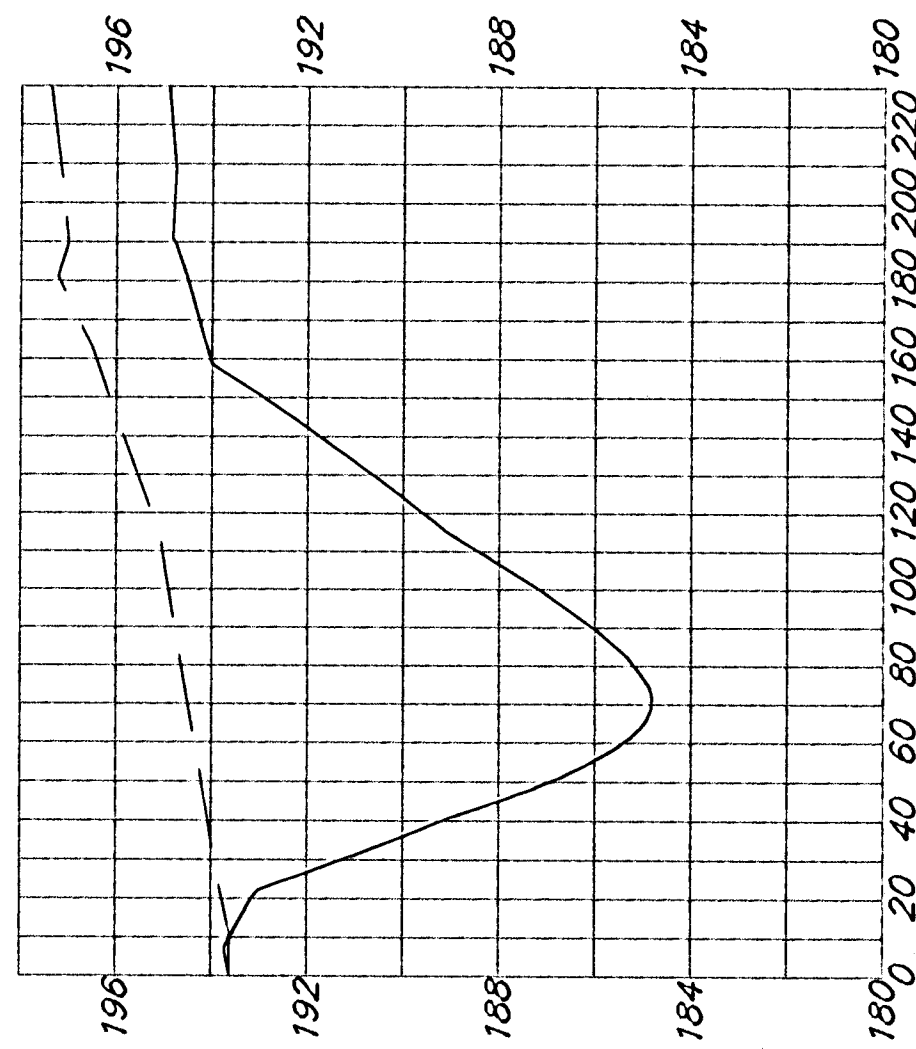
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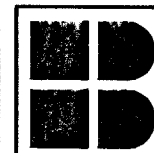
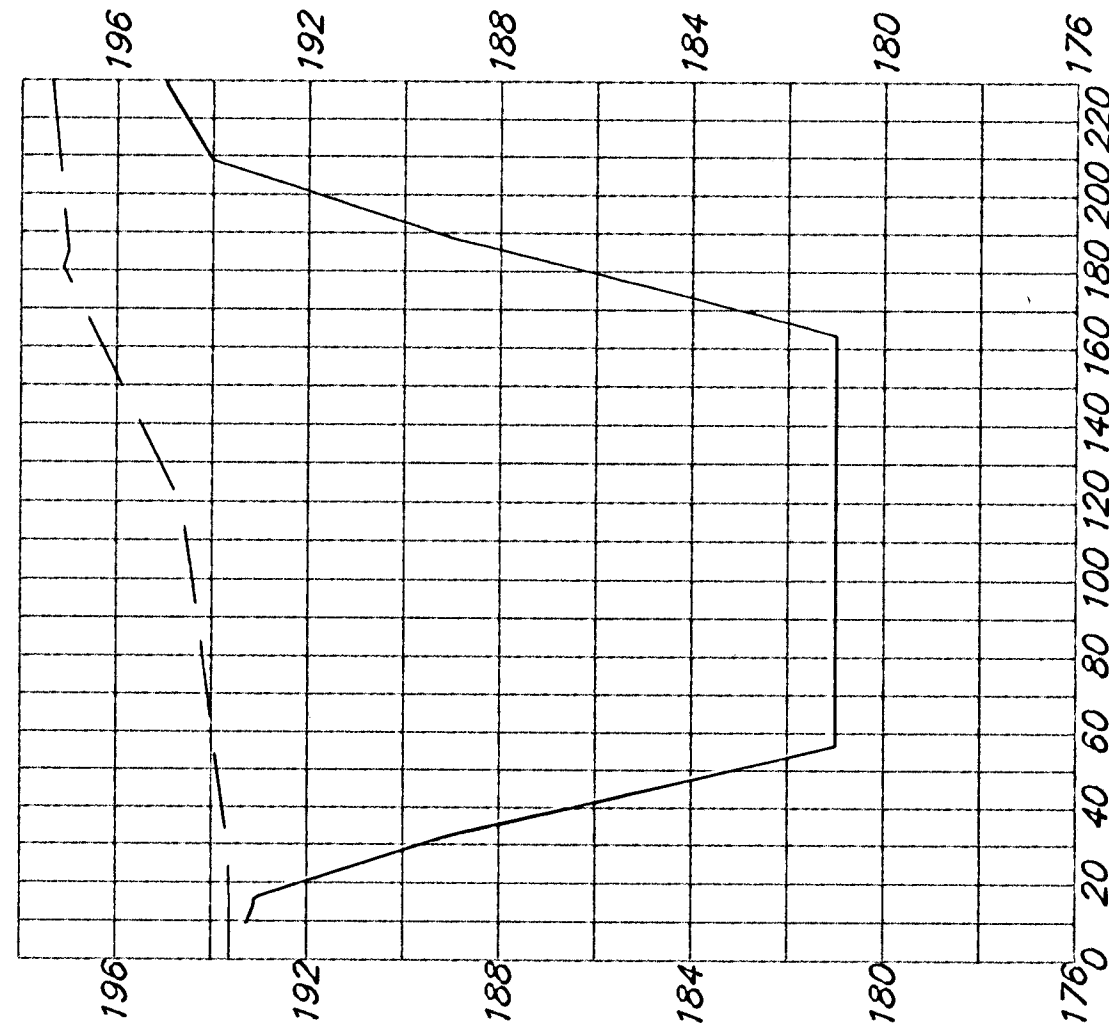
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3+30



2+70



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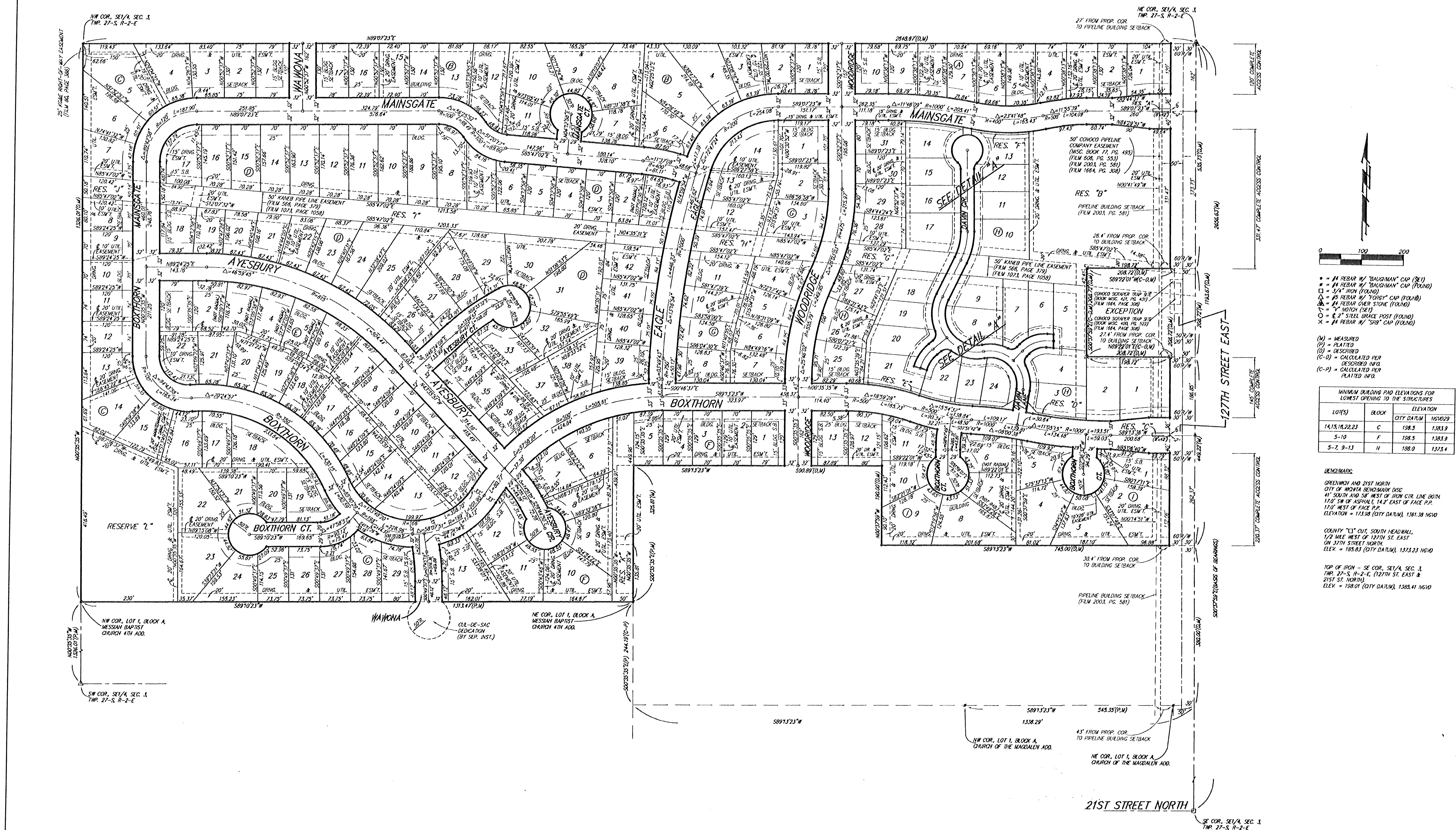
PROJECT NUMBER
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REV.

SHEET
6/7

THE FAIRMONT

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



- 1/4\"

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT(S)	BLOCK	ELEVATION
14,15,16,22,23	C	198.5
5-10	F	198.5
5-7, 9-13	H	198.0

BENCHMARK
GREENWICH AND 21ST NORTH
CITY OF WICHITA BENCHMARK DISC
41\"

Note:
The following instrument is in the process of being released this 7th day of January, 2002.
Replanning and Engineering Company is the author of the instrument and is not responsible for the accuracy of the information contained therein. The instrument is being released for the purpose of providing a public record of the instrument and is not to be used for any other purpose.

10-50-11-41