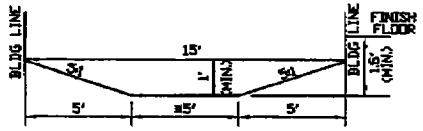
EXHIBIT A

Page 1 of 9



TYPICAL SWALE SECTION

≥3' MINIMUM IF APPROVED BY SID ENGINEER

NOTES:

1. DRAINAGE SWALES SHALL BE CONSTRUCTED ALONG PROPERTY LINES IN ACCORDANCE WITH THE LAYOUT SHOWN ON THIS SHEET.
2. SIDEYARD SWALES, EXCEPT AS OTHERWISE SHOWN, SHALL BE CONSTRUCTED WITH A MINIMUM 1.5% LONGITUDINAL SLOPE, 5' BOTTOM WIDTH, 5:1 SIDESLOPES WITH 1' MINIMUM DEPTH.
3. MINIMUM HEIGHT DIFFERENTIAL BETWEEN FLOWLINE OF SIDEYARD SWALE AND FINISH GRADE AT THE BUILDING LINE SHALL BE 1', AND 1.5' TO ANY BUILDING OPENINGS OR FINISH FLOOR ELEVATION.
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5. MINIMUM HEIGHT DIFFERENTIAL BETWEEN FLOWLINE OF REARYARD SWALE AND ANY BUILDING OPENING OR FINISH FLOOR ELEVAMKTION SHALL BE 3'.
6. ALL DRAINAGE SWALES SHALL BE KEPT FREE OF OBSTRUCTIONS THAT WOULD IMPEDE THE FLOW OF WATER.

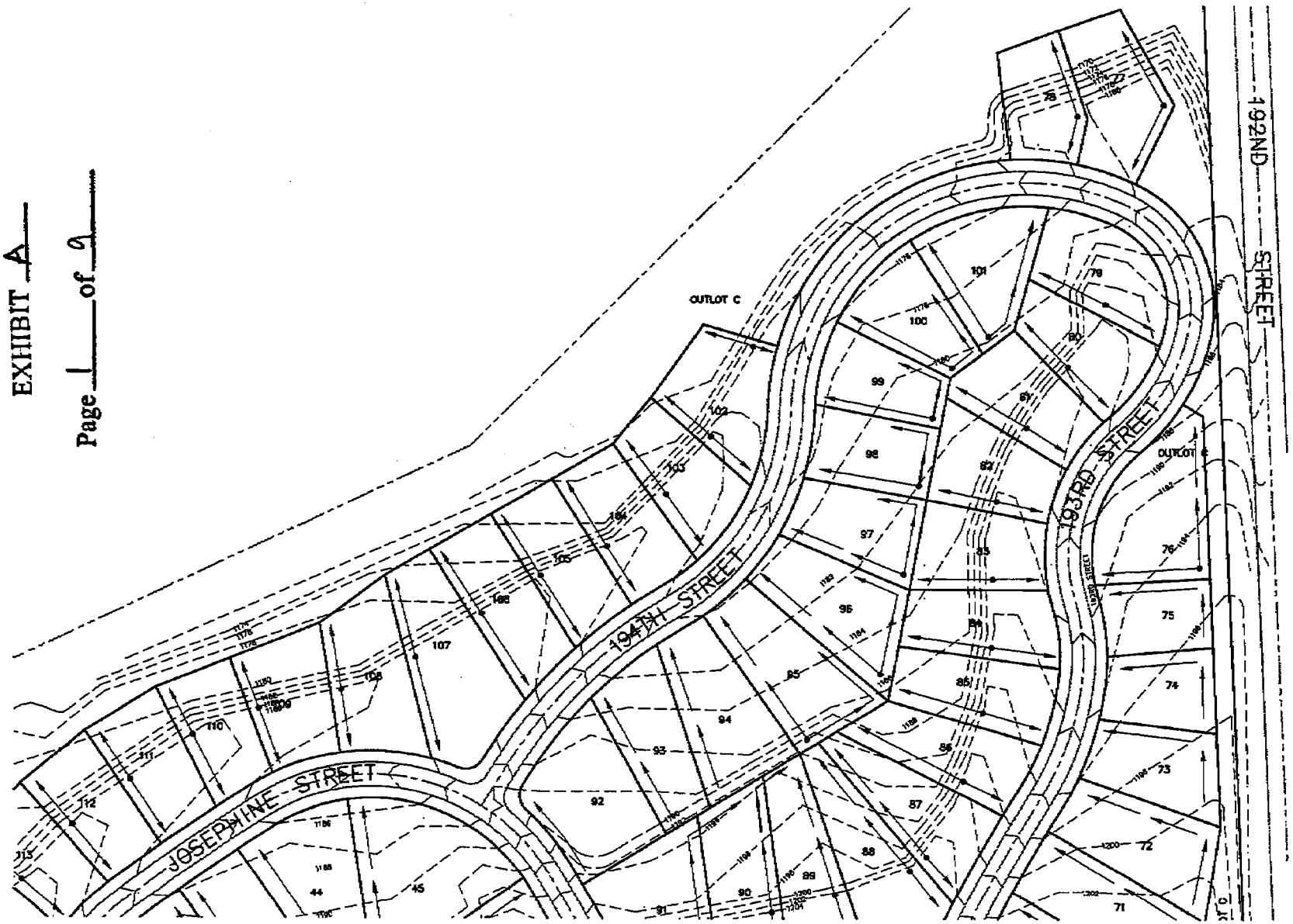
LEGEND:

SWALE/DRAINAGE PATTERN

EXISTING GRADES

N

NOT TO SCALE



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S.I.D. 261

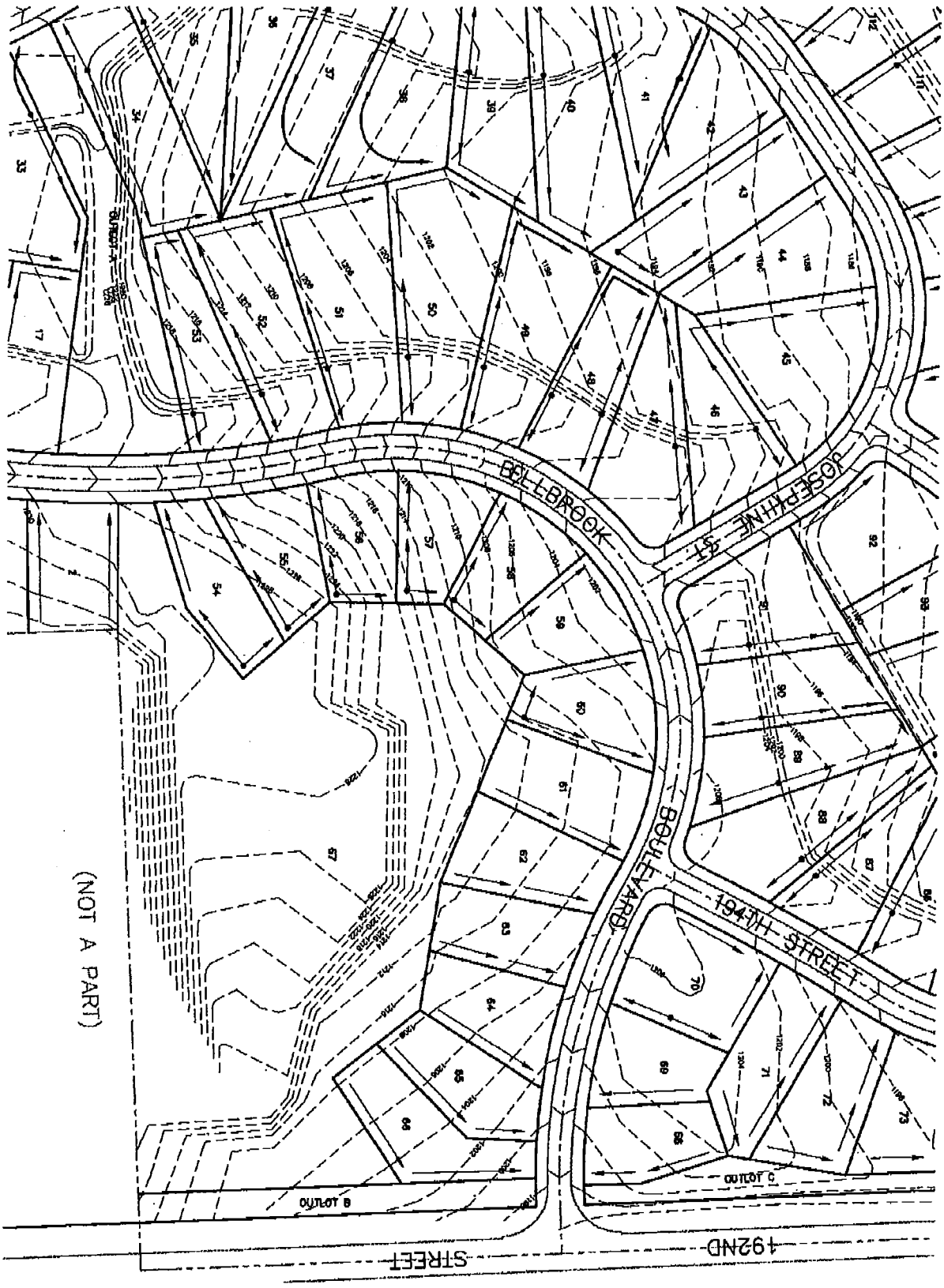
SARPY COUNTY, NEBRASKA

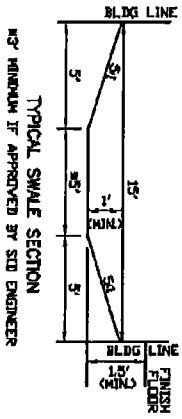
BELLBROOK
DRAINAGE EXHIBIT

PHASE I

PROJECT NO.:	
DATE:	MAY 2006
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	1 OF 6

5





TYPICAL SWALE SECTION
NO' MINIMUM IF APPROVED BY SID ENGINEER

NOTES:

1. DRAINAGE SWALES SHALL BE CONSTRUCTED ALONG PROPERTY LINES IN ACCORDANCE WITH THE LAYOUT SHOWN ON THIS SHEET.
2. SIDEYARD SWALES, EXCEPT AS OTHERWISE SHOWN, SHALL BE CONSTRUCTED WITH A MINIMUM 1.5% LONGITUDINAL SLOPE, 5' BOTTOM WIDTH, 5:1 SIDESLOPES WITH 1' MINIMUM DEPTH.
3. MINIMUM HEIGHT DIFFERENTIAL BETWEEN FLOWLINE OF SIDEYARD SWALE AND FINISH GRADE AT THE BUILDING LINE SHALL BE 1', AND 1.5' TO ANY BUILDING OPENINGS OR FINISH FLOOR ELEVATION.
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5. MINIMUM HEIGHT DIFFERENTIAL BETWEEN FLOWLINE OF REARYARD SWALE AND ANY BUILDING OPENING OR FINISH FLOOR ELEVATION SHALL BE 1.2'.
6. ALL DRAINAGE SWALES SHALL BE KEPT FREE OF OBSTRUCTIONS THAT WOULD IMPEDE THE FLOW OF WATER.

LEGEND:

SWALE/DRAINAGE PATTERN
EXISTING GRADES

PROJECT NO.:	
DATE:	MAY 2005
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	2 OF 5

BELLBROOK
DRAINAGE EXHIBIT

PHASE I

BELLBROOK
S.I.D. 261

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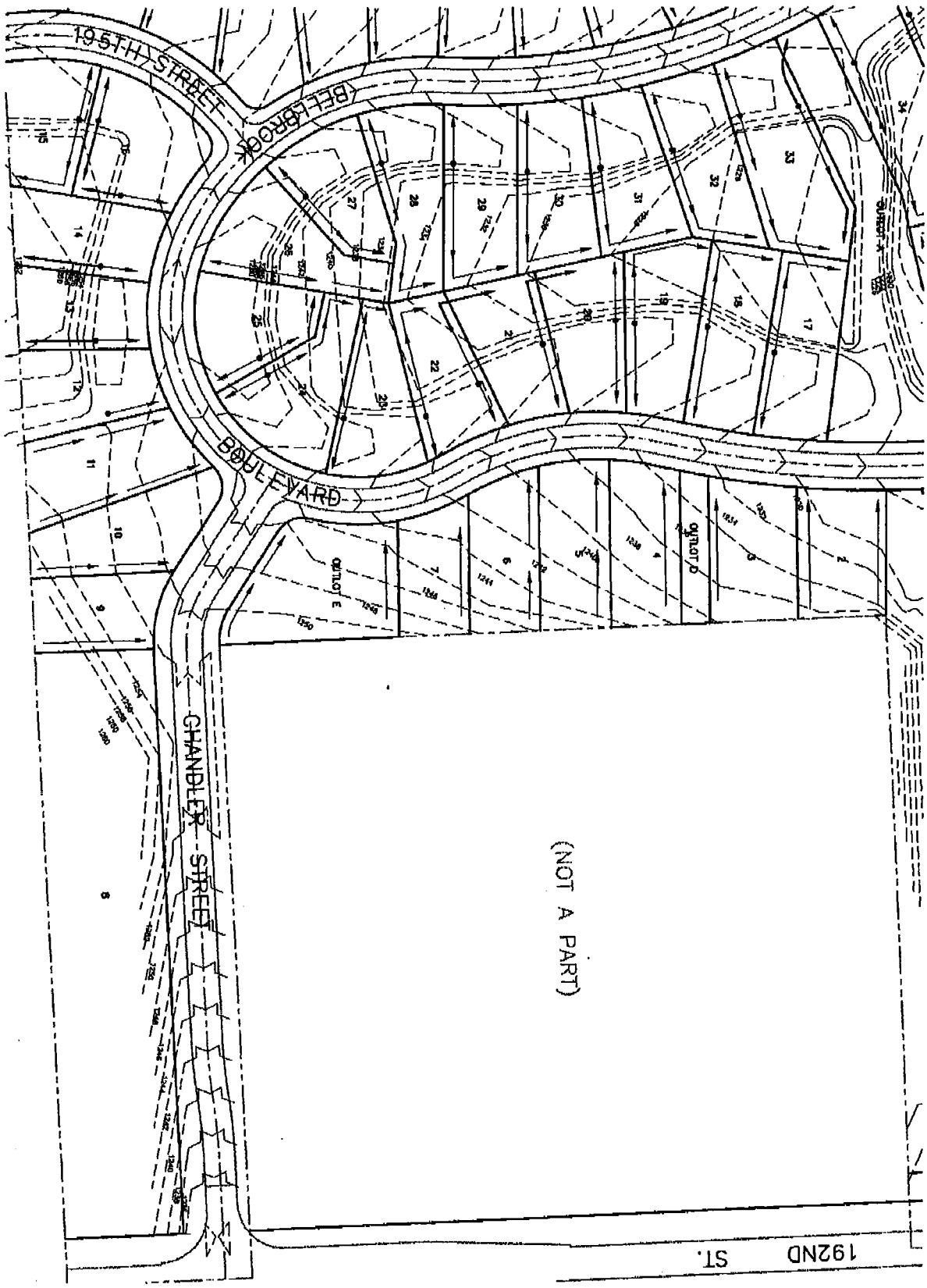

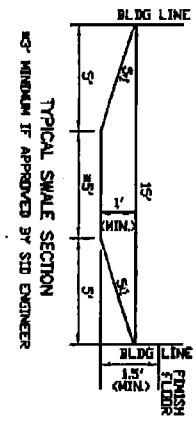

TYPICAL SWALE SECTION

*3' MINIMUM IF APPROVED BY SID ENGINEER

NOTES:

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2. SIDEYARD SWALES, EXCEPT AS OTHERWISE SHOWN, SHALL BE CONSTRUCTED WITH A MINIMUM 1.5% LONGITUDINAL SLOPE, 5' BOTTOM WIDTH, 5:1 SIDESLOPES WITH 1' MINIMUM DEPTH.
3. MINIMUM HEIGHT DIFFERENTIAL BETWEEN FLOWLINE OF SIDEYARD SWALE AND FINISH GRADE AT THE BUILDING LINE SHALL BE 1', AND 1.5' TO ANY BUILDING OPENINGS OR FINISH FLOOR ELEVATION.
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LEGEND:

SWALE/DRAINAGE PATTERN

EXISTING GRADES

PROJECT NO.:	
DATE:	MAY 2005
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	3 OF 5

BELLBROOK DRAINAGE EXHIBIT

PHASE I

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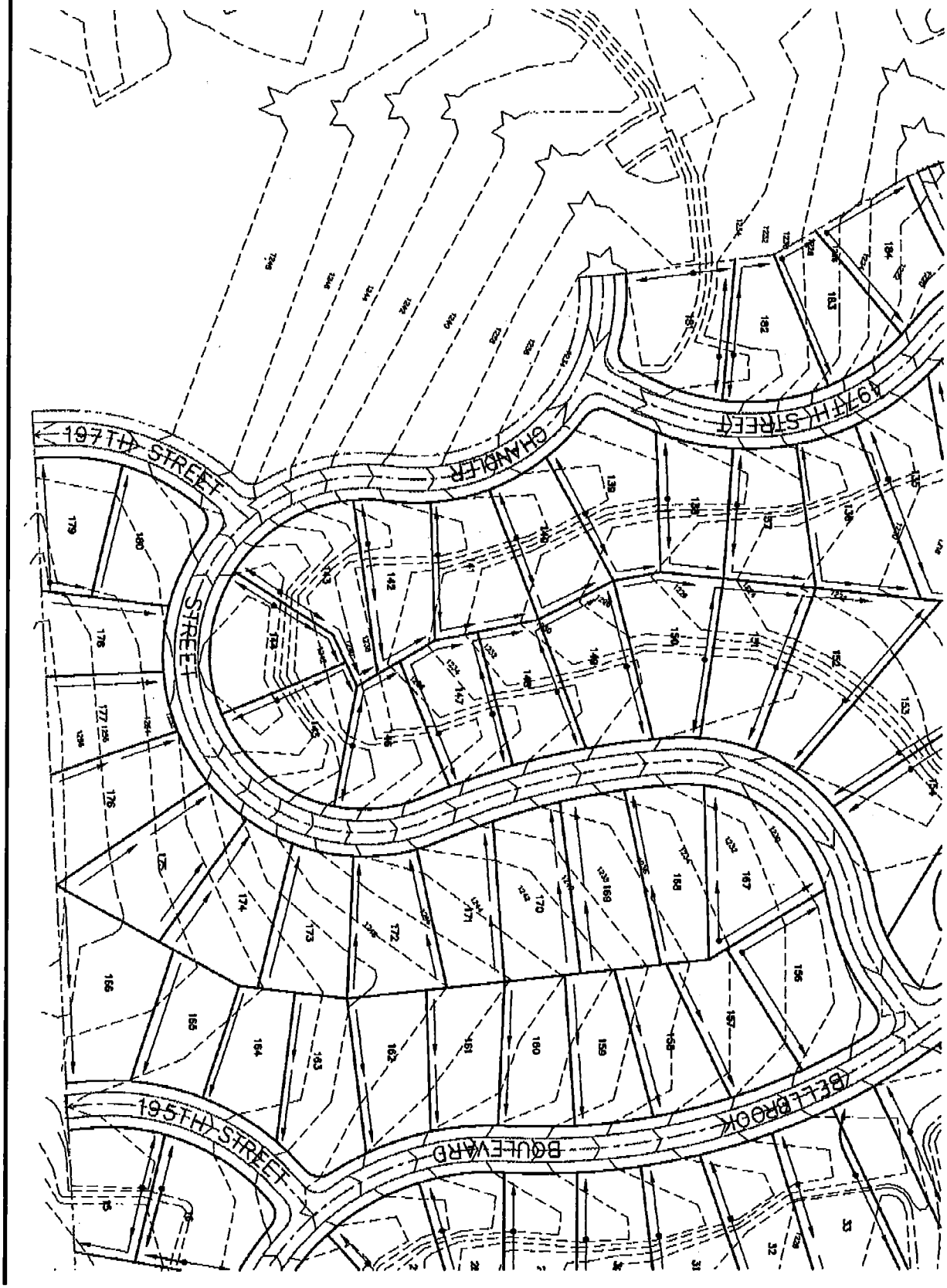

PROJECT NO.:	
DATE:	MAY 2005
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	4 OF 5

BELLBROOK DRAINAGE EXHIBIT

PHASE I

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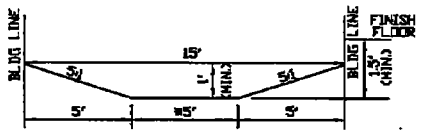
Page 5 of 9



TYPICAL SWALE SECTION
*3' MINIMUM IF APPROVED BY SID ENGINEER

NOTES:

1. DRAINAGE SWALES SHALL BE CONSTRUCTED ALONG PROPERTY LINES IN ACCORDANCE WITH THE LAYOUT SHOWN ON THIS SHEET.
2. SIDEYARD SWALES, EXCEPT AS OTHERWISE SHOWN, SHALL BE CONSTRUCTED WITH A MINIMUM 1.5% LONGITUDINAL SLOPE, 5' BOTTOM WIDTH, 5:1 SIDESLOPES WITH 1' MINIMUM DEPTH.
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5. MINIMUM HEIGHT DIFFERENTIAL BETWEEN FLOWLINE OF REARYARD SWALE AND ANY BUILDING OPENING OR FINISH FLOOR ELEVAVATION SHALL BE 3'.
6. ALL DRAINAGE SWALES SHALL BE KEPT FREE OF OBSTRUCTIONS THAT WOULD IMPEDE THE FLOW OF WATER.

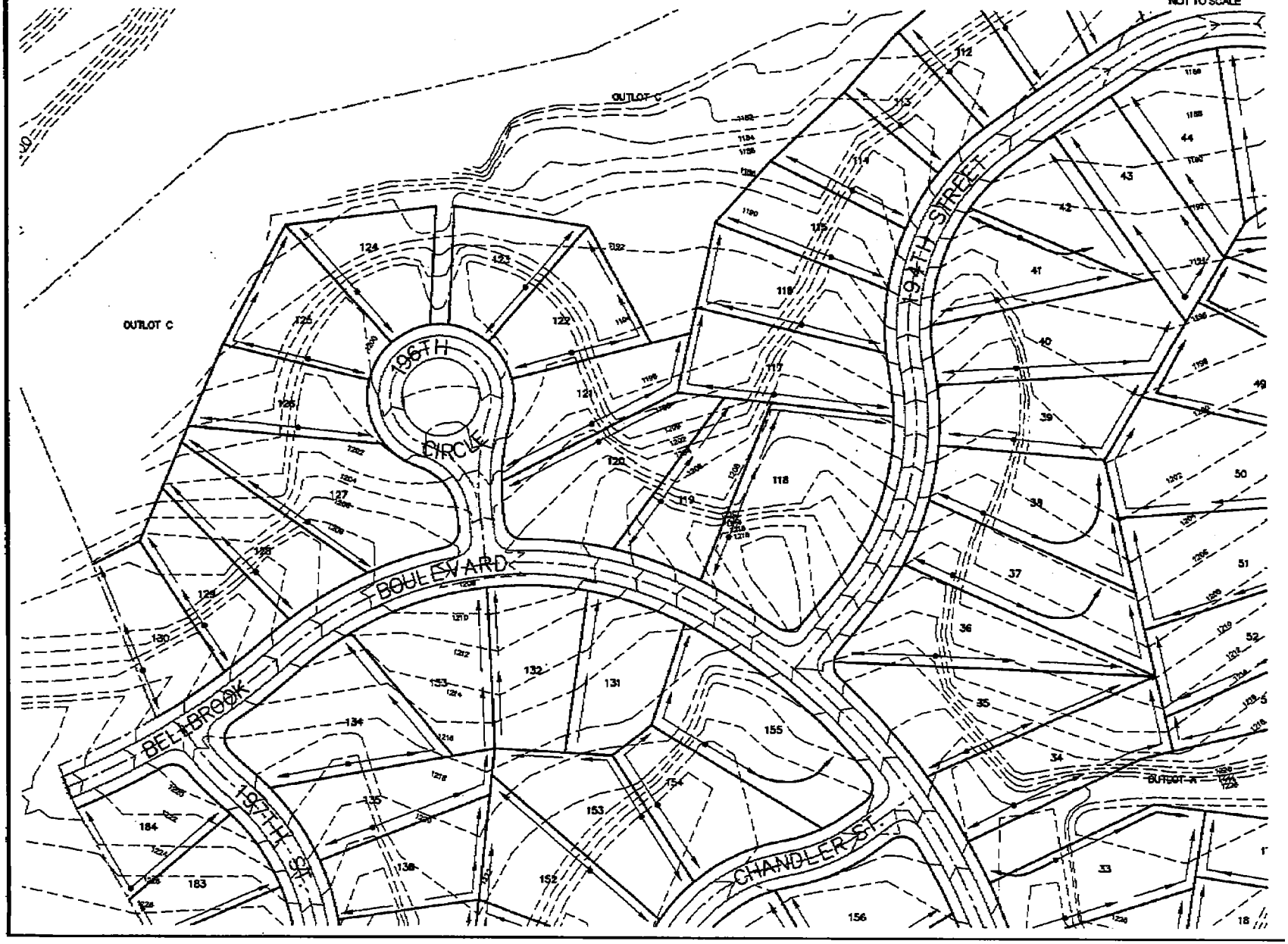
LEGEND:

SWALE/DRAINAGE PATTERN

EXISTING GRADES

N

NOT TO SCALE



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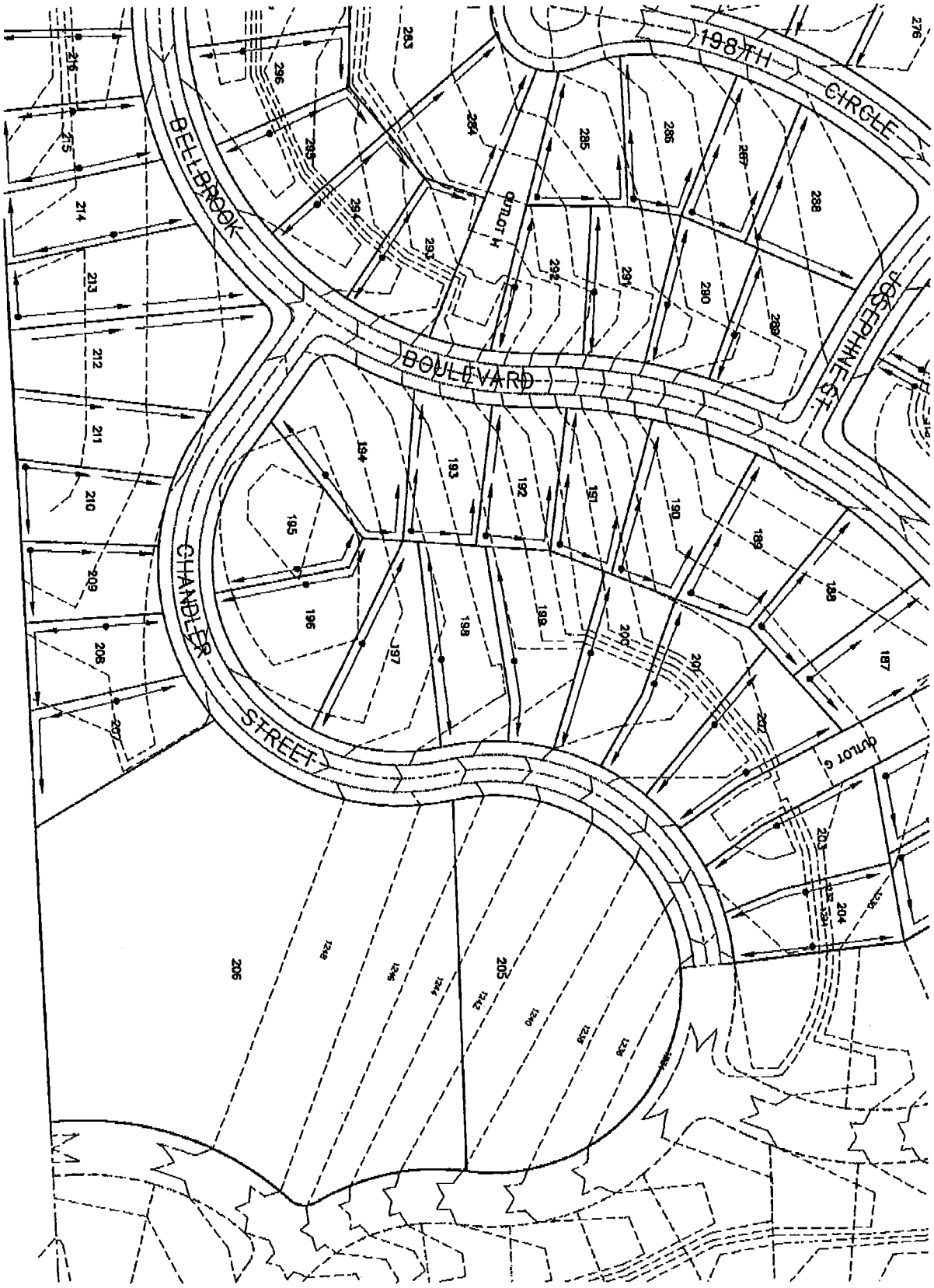
BELLBROOK
DRAINAGE EXHIBIT

PHASE I

PROJECT NO.:	
DATE:	MAY 2006
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	6 OF 6

W



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LEGEND:

SWALE/DRAINAGE PATTERN

EXISTING GRADES

PROJECT NO.:	
DATE:	MAY 2005
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	1 OF 4

BELLBROOK
DRAINAGE EXHIBIT

PHASE II

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S.I.D. 261

SARPY COUNTY, NEBRASKA

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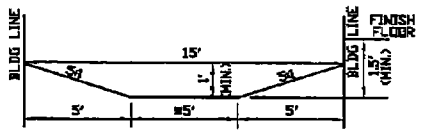
Page 7 of 9



TYPICAL SWALE SECTION

≥3' MINIMUM IF APPROVED BY SID ENGINEER

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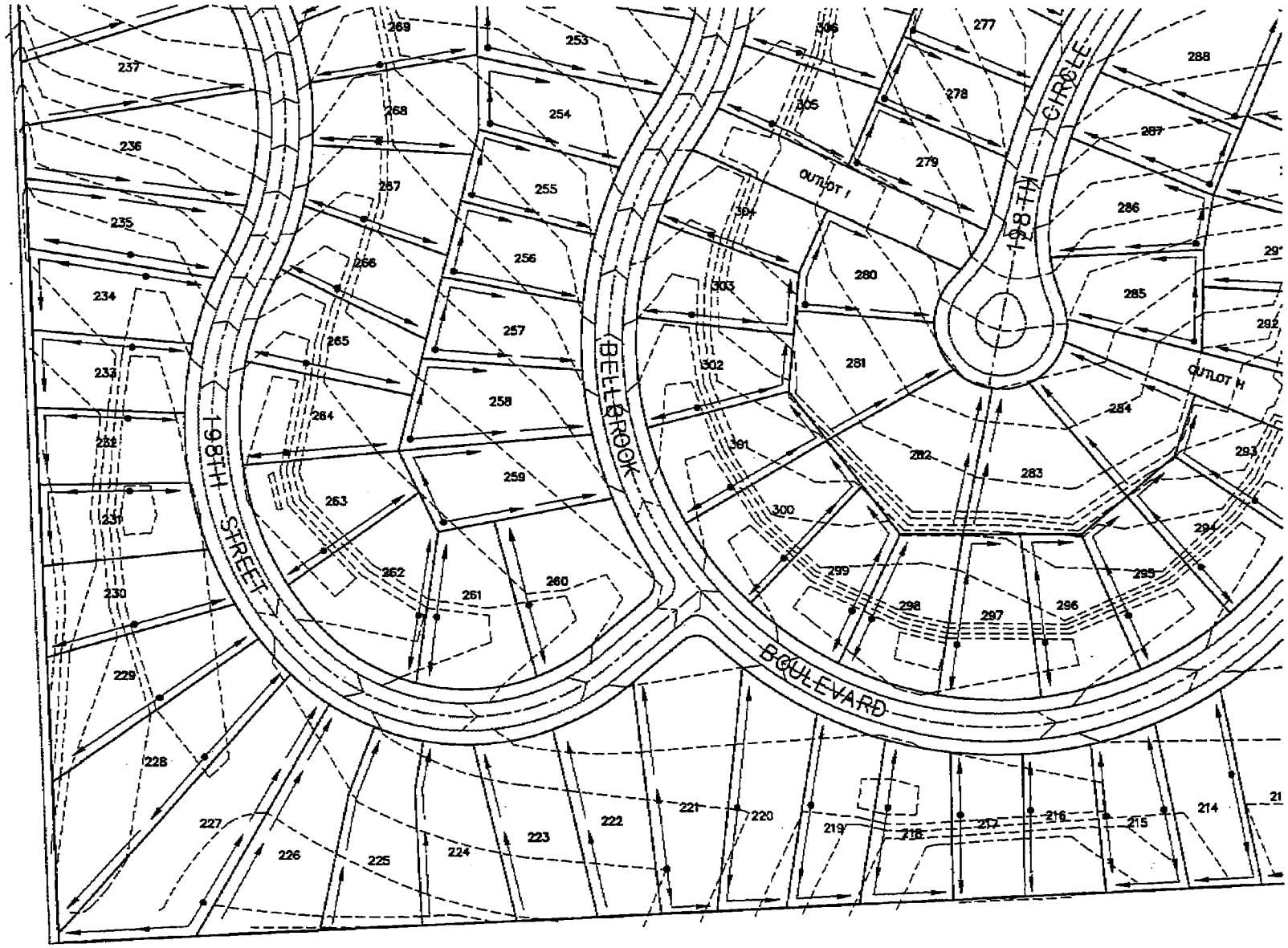
LEGEND:

SWALE/DRAINAGE PATTERN

EXISTING GRADES

N

NOT TO SCALE



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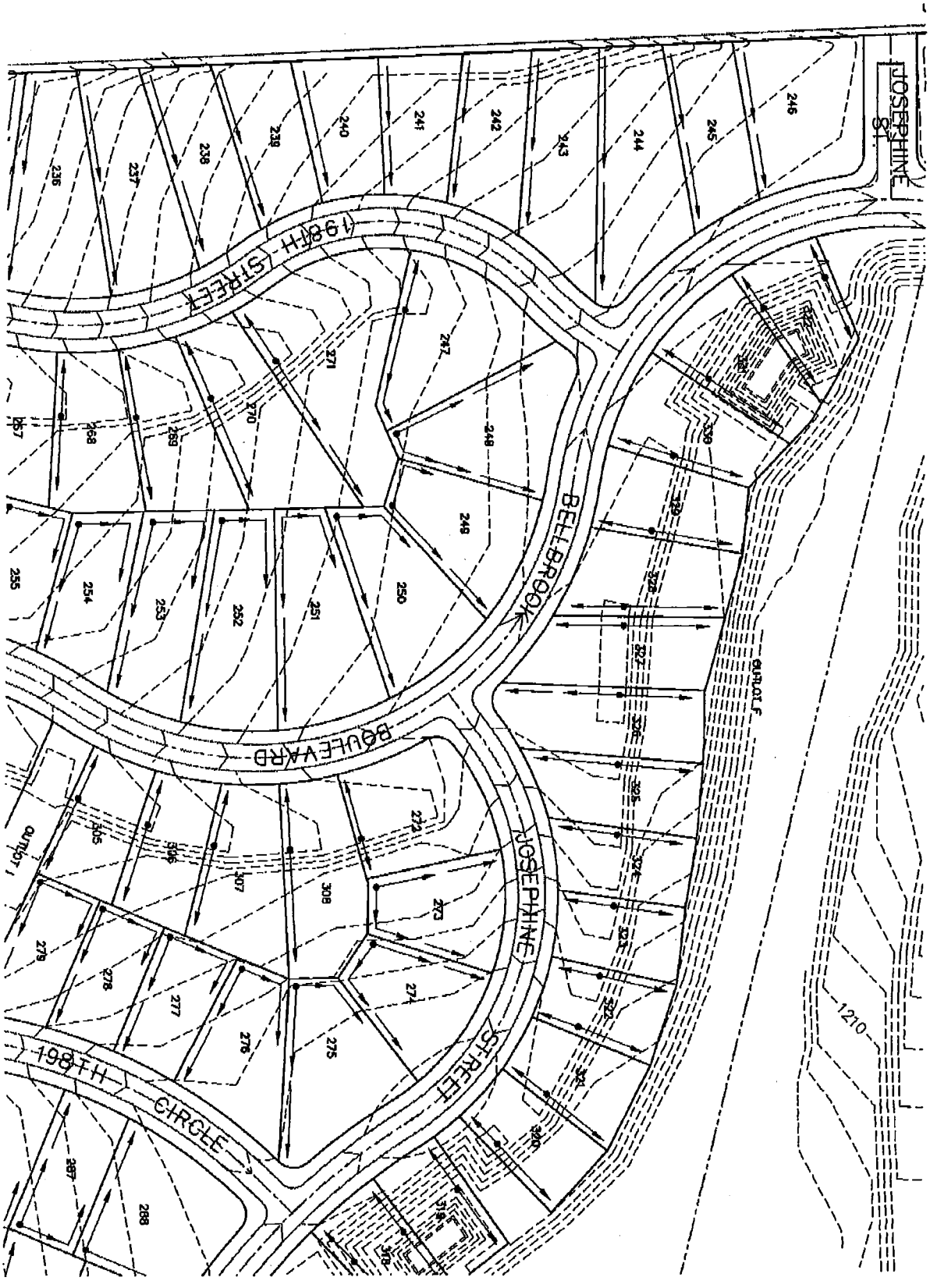
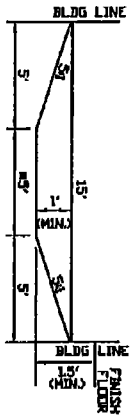
SARPY COUNTY, NEBRASKA

BELLBROOK
DRAINAGE EXHIBIT

PHASE II

PROJECT NO.:	
DATE:	MAY 2005
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	2 OF 4





TYPICAL SWALE SECTION
*3' MINIMUM IF APPROVED BY SID ENGINEER

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LEGEND:

SWALE/DRAINAGE PATTERN

EXISTING GRADES

NOT TO SCALE

N

PROJECT NO.:	
DATE:	MAY 2005
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	3 OF 4

BELLBROOK
DRAINAGE EXHIBIT

PHASE II

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S.I.D. 261

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Page 9 of 9

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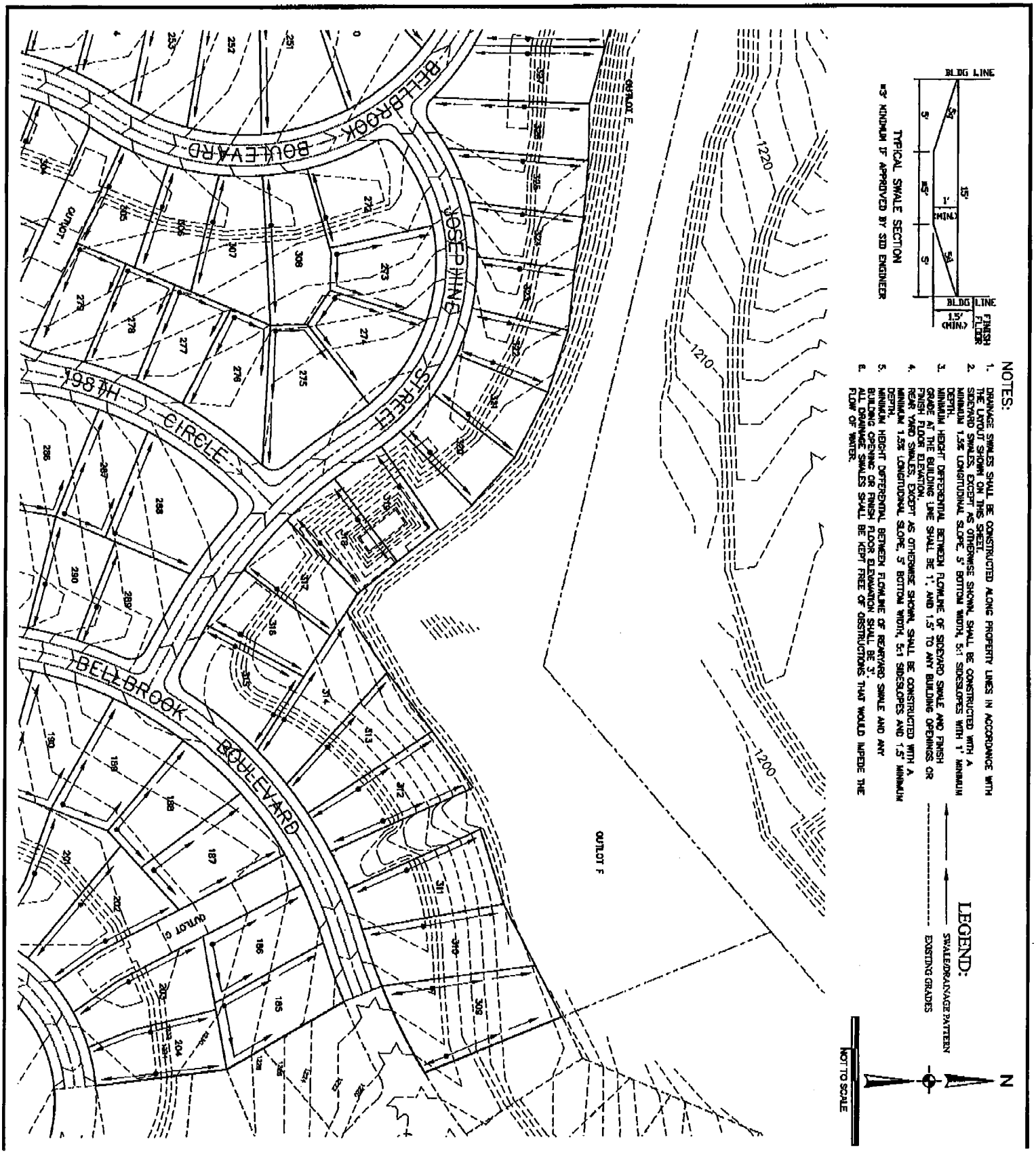

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PROJECT NO.:	
DATE:	MAY 2005
DESIGNED:	RLD
DRAWN:	MDB
CHECKED:	RLD
SHEET NO.:	4 OF 4

BELLBROOK
DRAINAGE EXHIBIT

PHASE II

BELLBROOK
S.I.D. 261

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