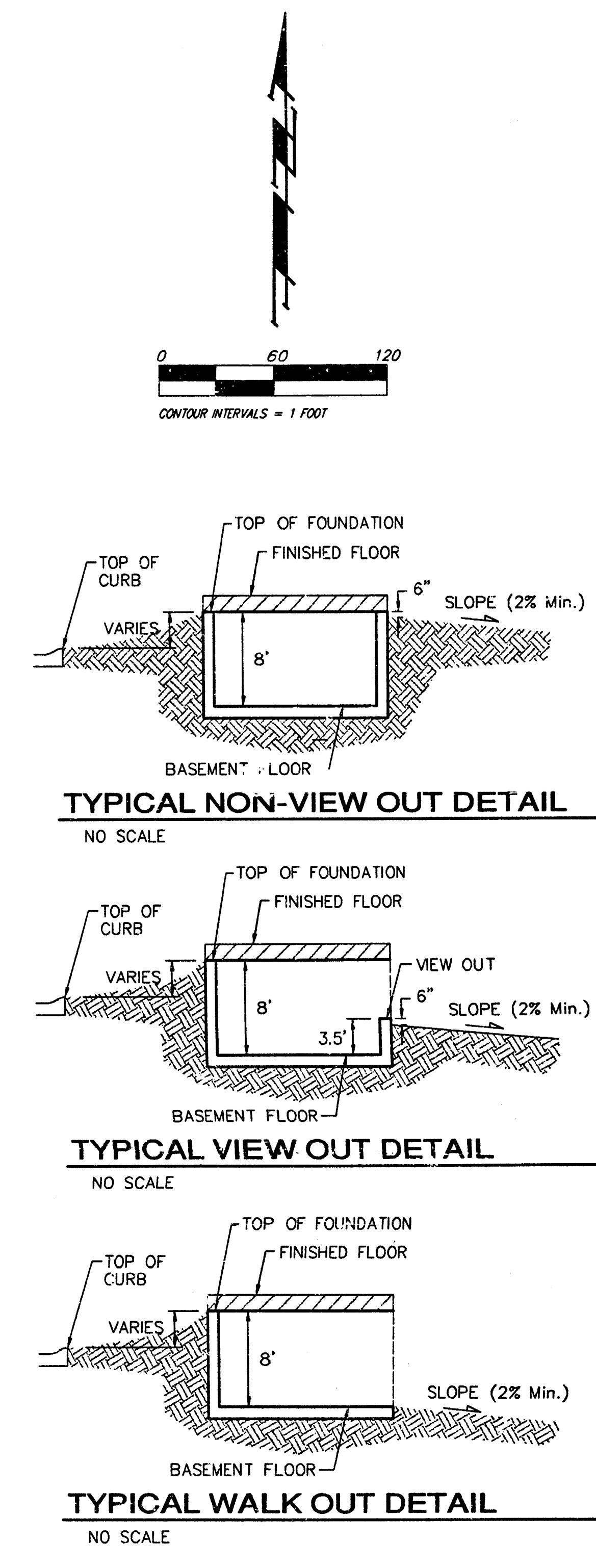


1291.6 1291.0 1292.7



NOTES:

Proposed Top of Foundation Elevations Are Shown On Plans. Contractor to Set Finished Floor Elevations.

All Street Elevations Shown on Plans Are for Top of Curb (Full-Height).

This Grading Plan is Designed with View-Out and Walk-Out structures. Elevations for View-Outs are shown as XX.X V.O. Elevations for Walk-Outs are shown as XX.X W.O.

Lot dimensions have been omitted on this plan, refer to the recorded plat for this information.

Lots depicted as XX.X T.F.* indicates that Deep footings or Foundations are required. The deep footing requirement may be waived if the contractor can provide proof that the area has been compacted to a minimum of 95% of optimum density.

Lake Data:
Area of NS = 38 acres
Total DA = 146 acres
100-yr Rainfall Volume = 96 ac-ft
Increase in NS due to 100-yr rainfall = 2.5 ft
100-yr NS Elev = 92.5

APPROVED
DRAINAGE PLAN

Preliminary Grading
Not for Construction

Benchmarks:
Hoover and MacArthur (39th St. South)
COW Bench Mark. NE corner of intersection.
41.60 ft North of center line.
63.00 ft East of center line.
20.00 ft East of guy pole.
79.80 ft NE of Section corner iron.

City 121.22 ft
MSL 1308.62 ft

Big Ditch and MacArthur
COW Bench Mark. West bound lane,
east end of bridge.
East of Hoover.

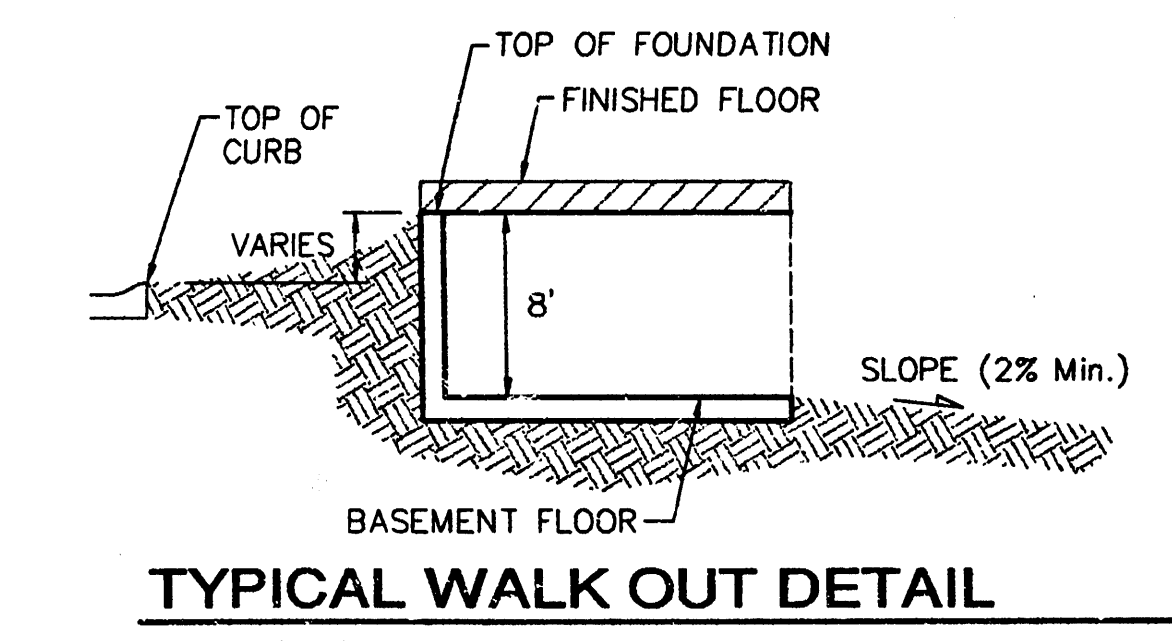
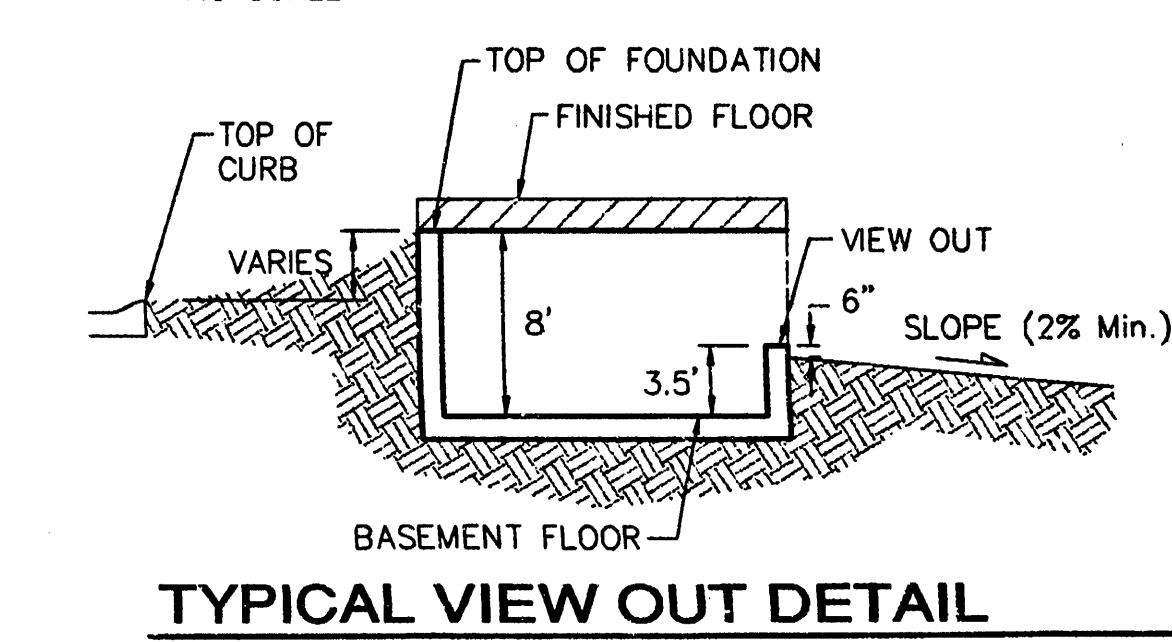
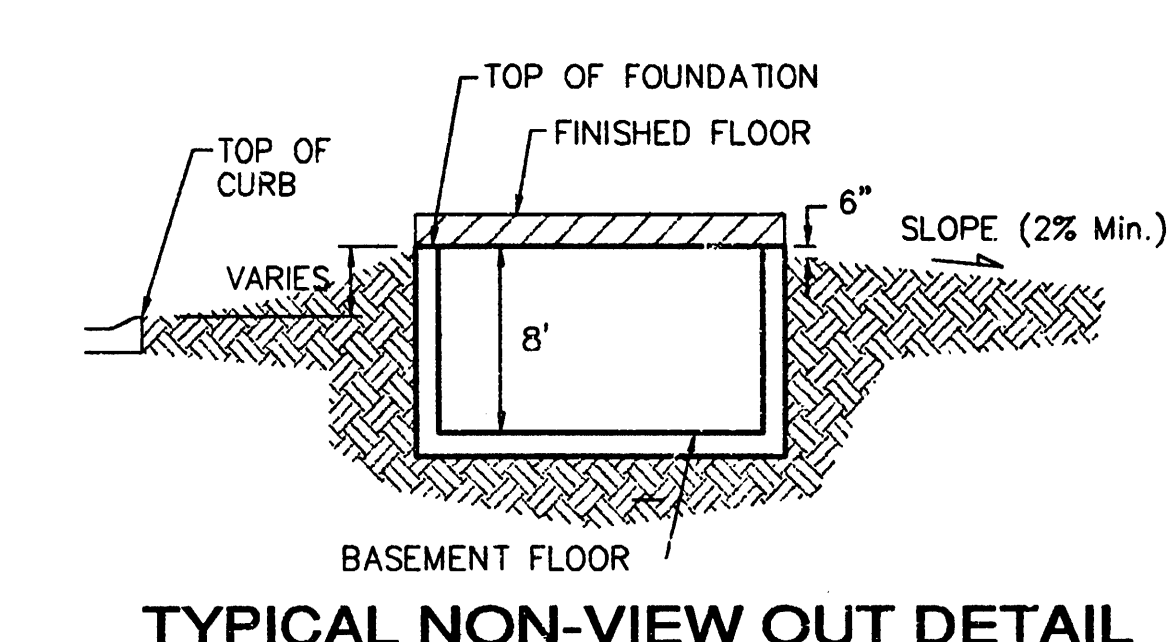
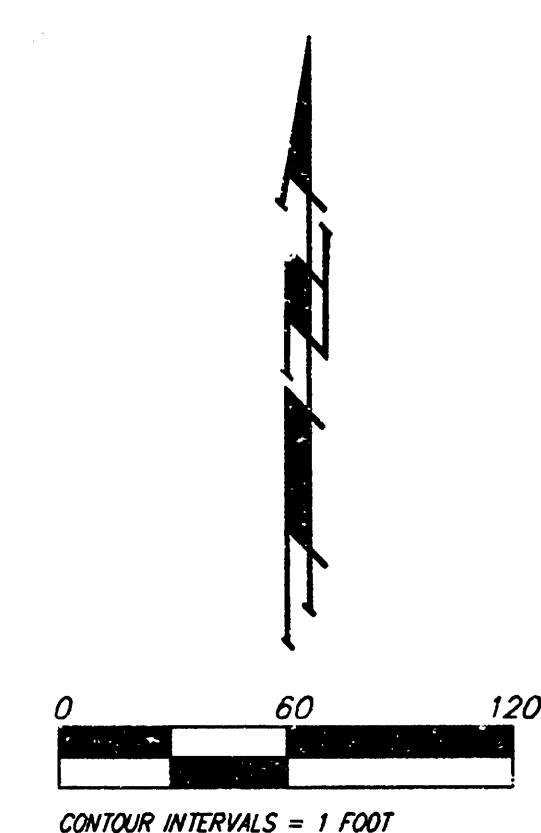
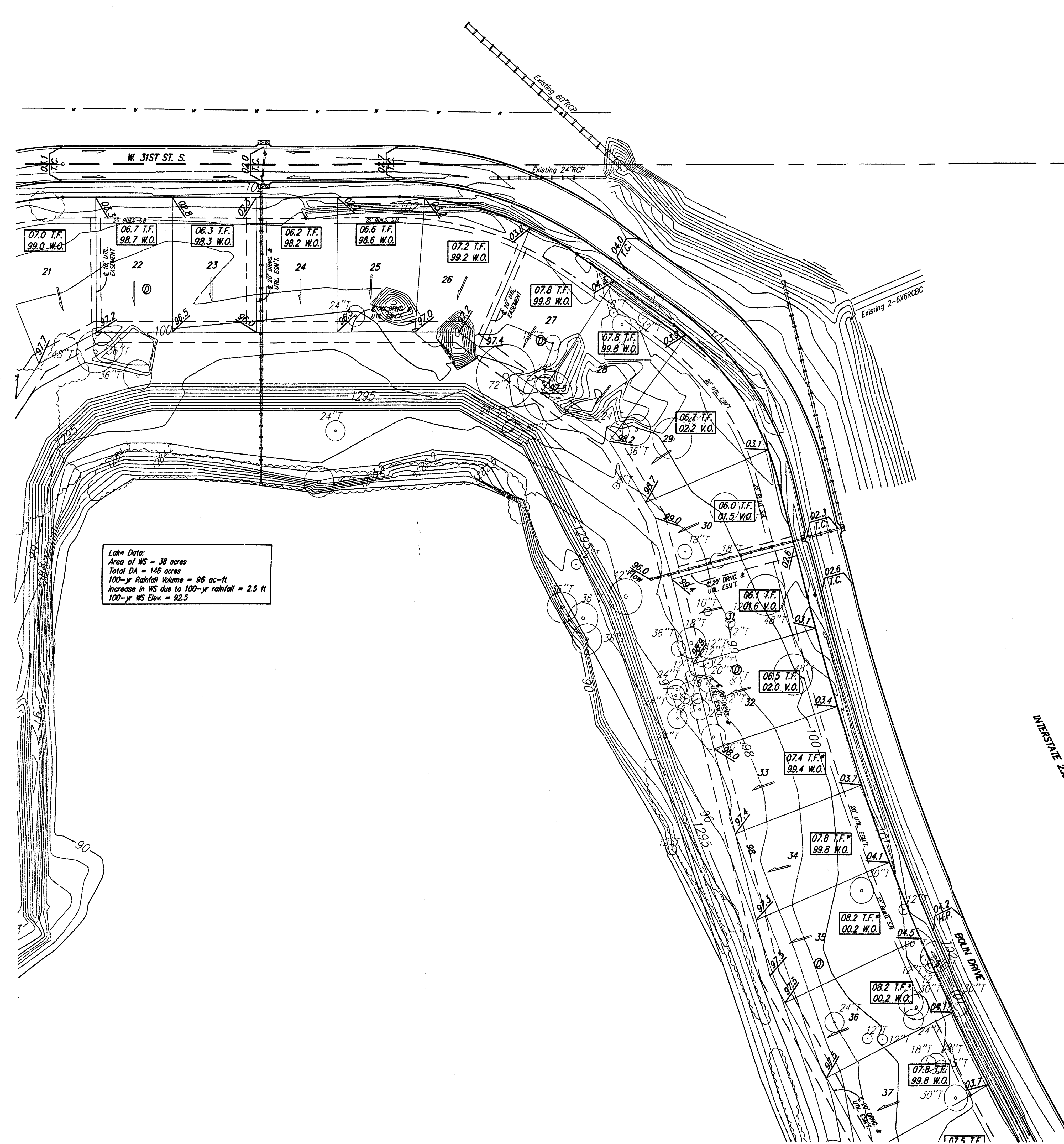
City 116.52 ft
MSL 1303.92 ft

BLUE LAKE ADDITION
GRADING PLAN
WICHITA, KANSAS

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

PROJECT NUMBER: _____ SHEET: **1** of **9**

DESIGN: BLG	DRAWN: BLG	APPROVED:	DATE: 5-03-04	SCALE: noted
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NOTES:

Proposed Top of Foundation Elevations Are Shown On Plans. Contractor to Set Finished Floor Elevations.

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 Preliminary Grading
Not for Construction

Benchmarks:
Hoover and MacArthur (39th St. South)
COW Bench Mark, NE corner of intersection.
41.60 ft North of center line.
69.00 ft East of center line.
20.00 ft East of guy pole.
79.80 ft NE of Section corner iron.
City 121.22 ft
MSL 1308.62 ft

Big Ditch and MacArthur
COW Bench Mark, 1/4\"/>

BLUE LAKE ADDITION

GRADING PLAN

WICHITA, KANSAS

 **BAUGHMAN COMPANY P.A.**

ENGINEERING, SURVEYING, & PLANNING

316-262-7271 • 319 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER

DATE

SCALE

SHEET

DESIGN

DRAWN

APPROVED

DATE

SCALE

SHEET

BLG

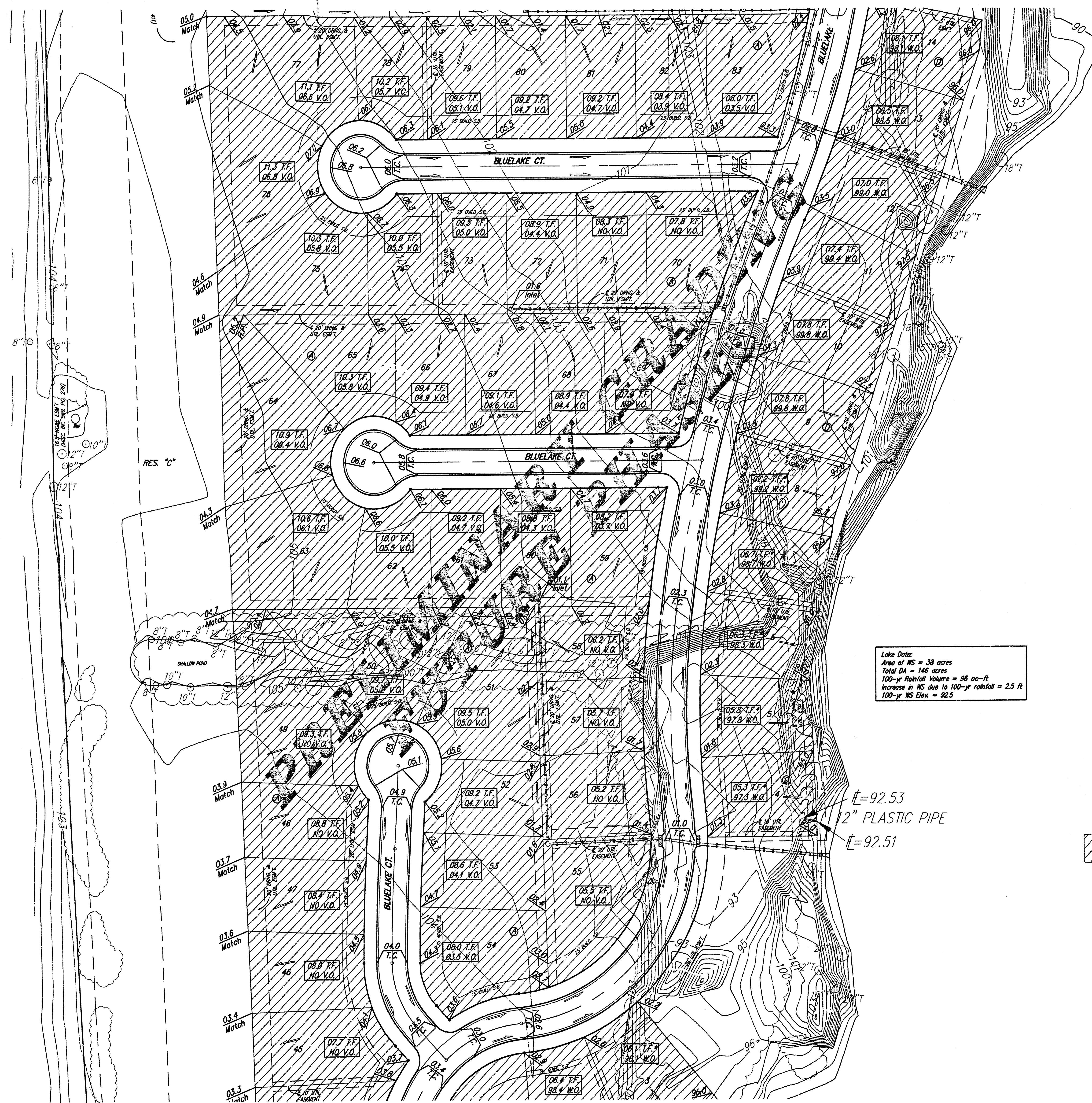
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5-03-04

noted

2

file:grade.dwg



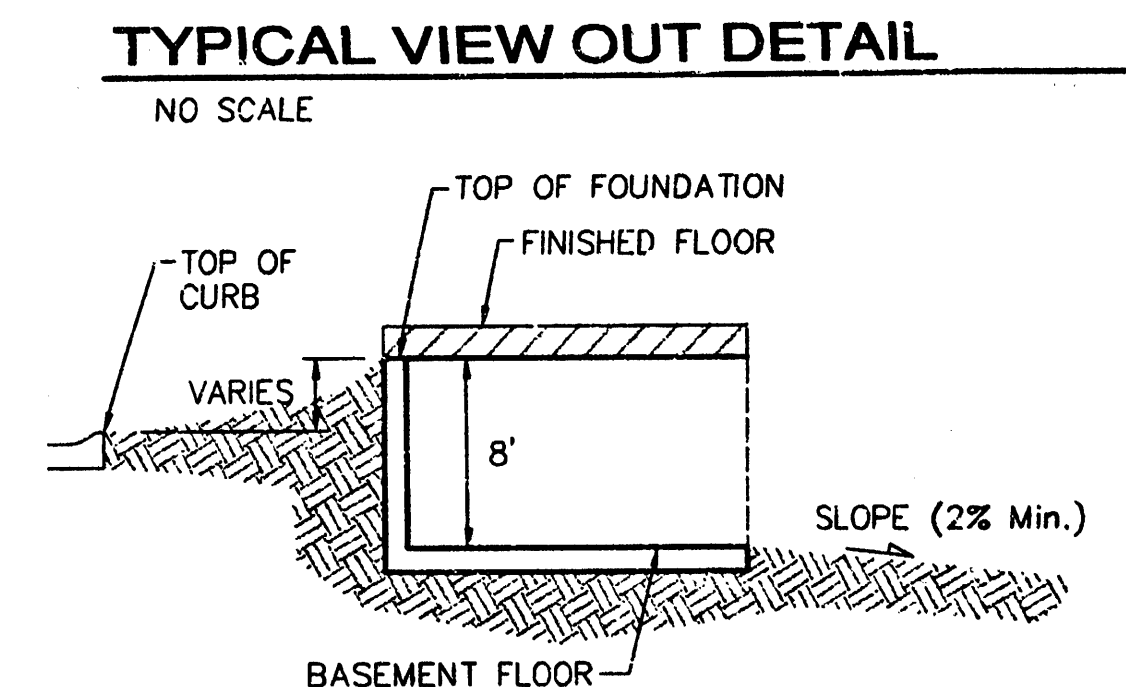
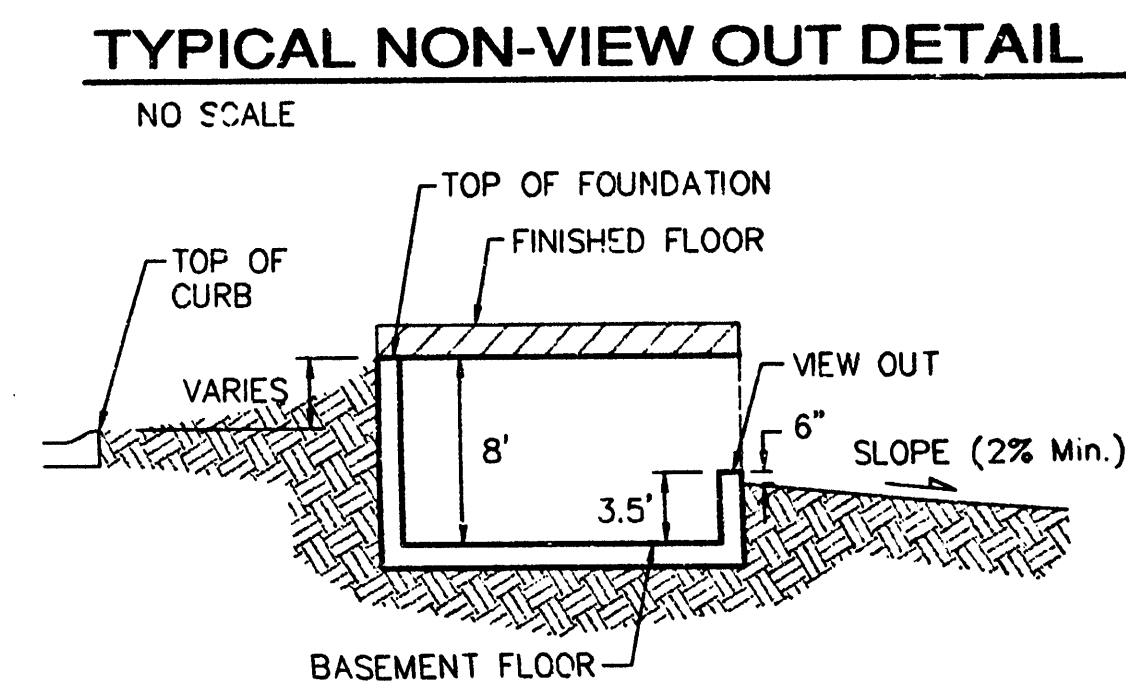
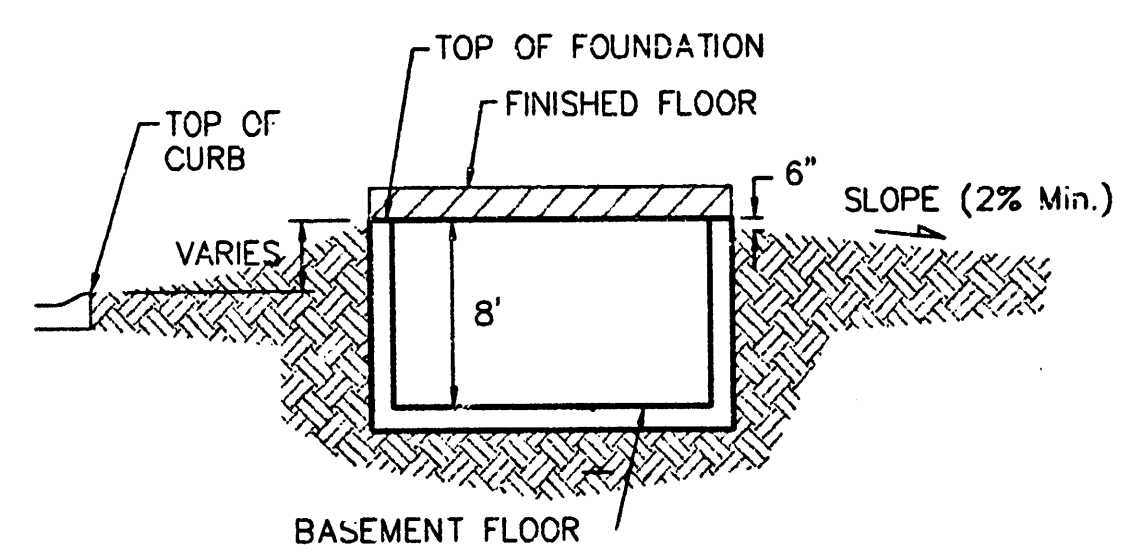
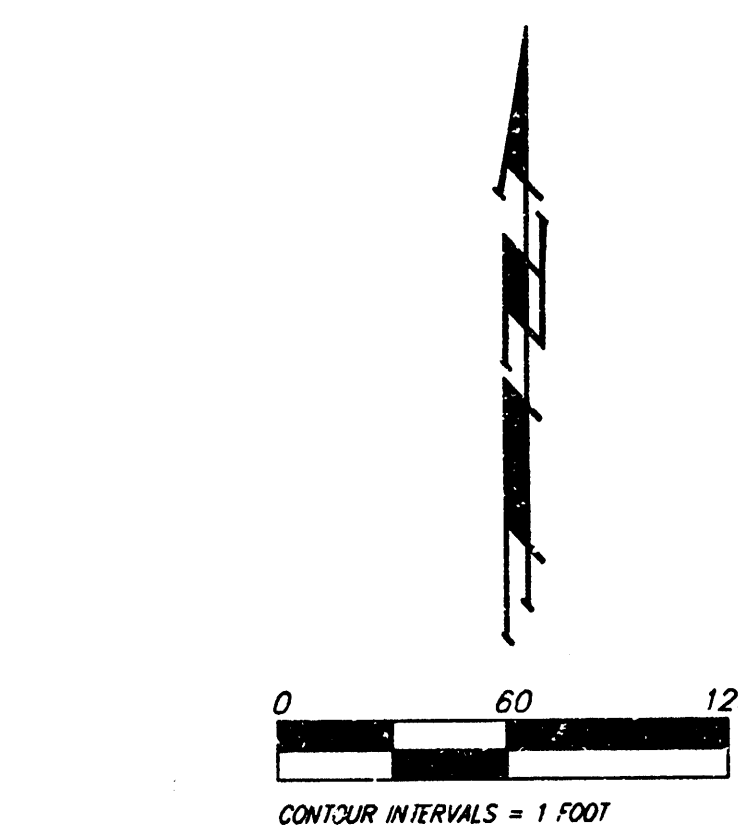
Lake Data:
 Area of WS = 33 acres
 Total DA = 146 acres
 100-yr Rainfall Volume = 96 ac-ft
 Increase in WS due to 100-yr rainfall = 2.5 ft
 100-yr WS Elev. = 92.5

RESERVE "A"

Preliminary Grading
 Not for Construction

Benchmarks:
 Hoover and MacArthur (39th St. South)
 COW Bench Mark. NE corner of intersection.
 41.60 ft North of center line.
 69.00 ft East of center line.
 20.00 ft East of guy pole.
 79.80 ft NE of Section corner iron.
 City 121.22 ft
 MSL 1308.62 ft

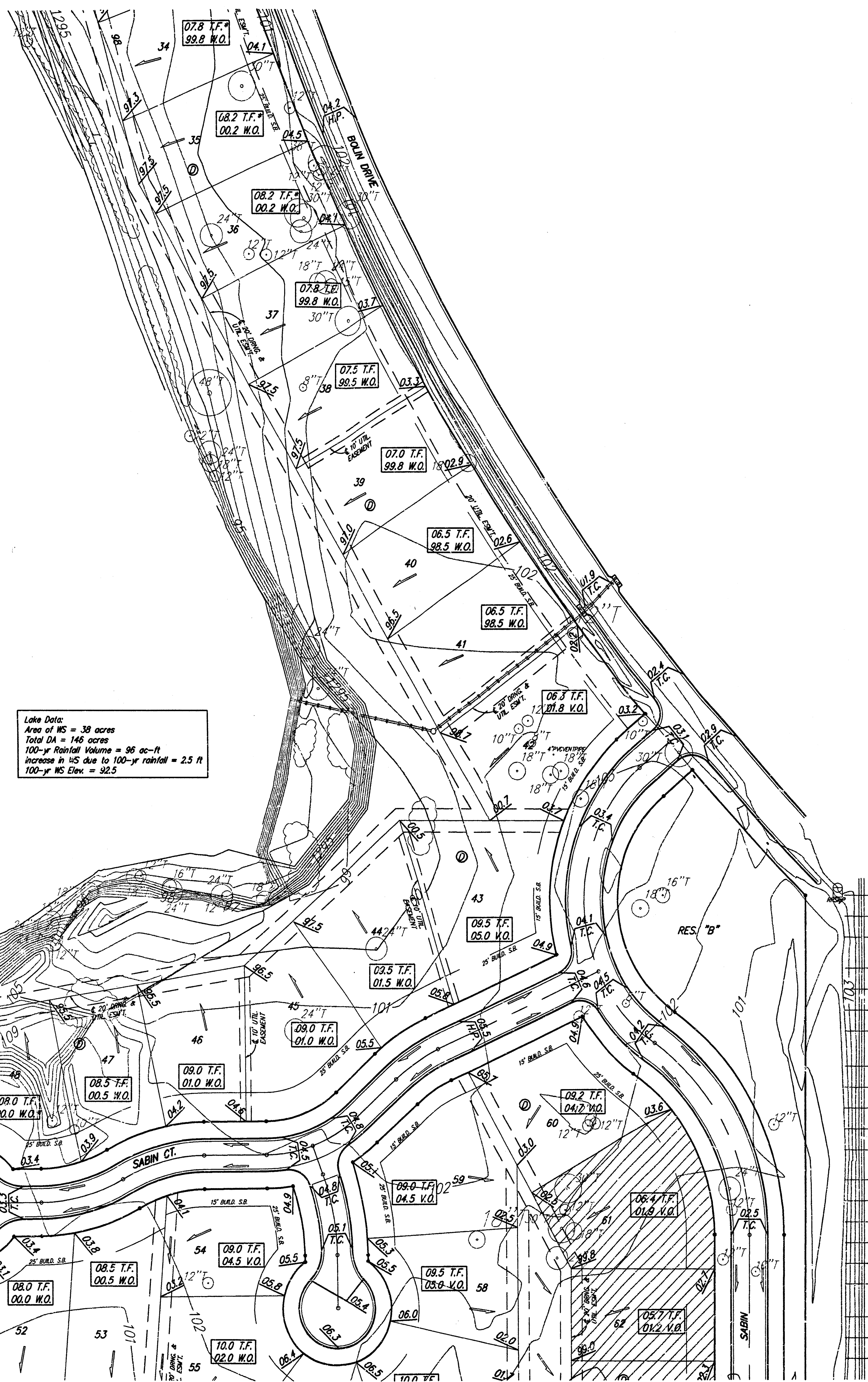
Big Ditch and MacArthur
 COW Bench Mark. West bound lane,
 east end of bridge.
 East of Hoover.
 City 116.52 ft
 MSL 1303.92 ft



NOTES:
 Proposed Top of Foundation Elevations Are Shown On Plans. Contractor to Set Finished Floor Elevations.
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BLUE LAKE ADDITION				
GRADING PLAN				
WICHITA, KANSAS				
BAUGHMAN COMPANY P.A.				
ENGINEERING, SURVEYING, & PLANNING				
318-262-7271 • 319 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER				SHEET
				8
DESIGN	DRAWN	APPROVED	DATE	SCALE
BLG	BLG		5-03-04	NOTED



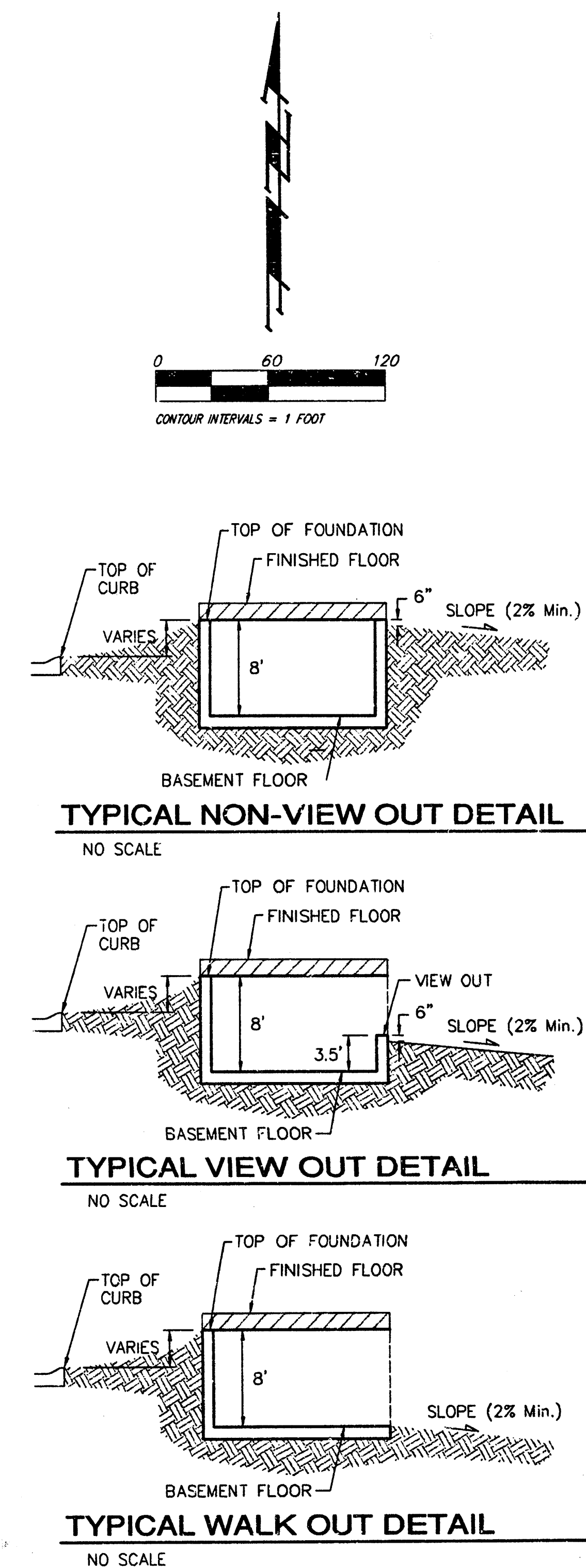
Late Date:
 Area of MS = 39 acres
 Total DA = 146 acres
 100-yr Rainfall Volume = 96 ac-ft
 Increase in MS due to 100-yr rainfall = 2.5 ft
 100-yr MS Elev. = 92.5

RESERVE "A"

Preliminary Grading
 Not for Construction

Benchmarks:
 Hoover and MacArthur (39th St. South)
 COW Bench Mark, NE corner of intersection.
 41.60 ft North of center line.
 69.00 ft East of center line.
 20.00 ft East of guy pole.
 79.80 ft NE of Section corner iron.
 City 121.22 ft
 MSL 1308.62 ft

 Big Ditch and MacArthur
 COW Bench Mark, West bound lane,
 east end of bridge.
 East of Hoover.
 City 116.52 ft
 MSL 1303.92 ft



NOTES:
 Proposed Top of Foundation Elevations Are Shown On Plans. Contractor to Set Finished Floor Elevations.

 All Street Elevations Shown on Plans Are for Top of Curb (Full-Height).

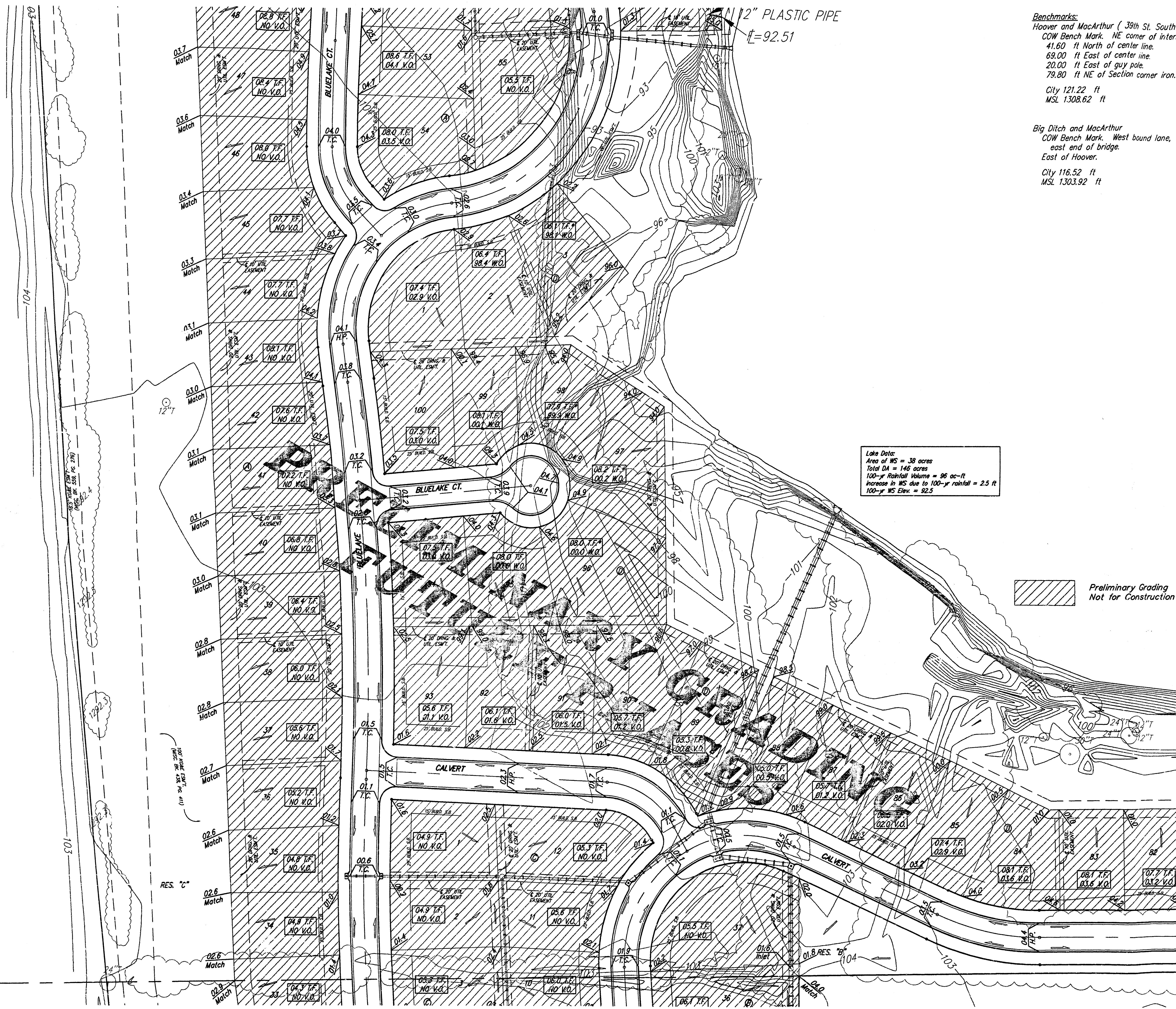
 This Grading Plan is Designed with View-Out and Walk-Out structures. Elevations for View-Outs are shown as XX.X V.O. Elevations for Walk-Outs are shown as XX.X W.O.

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BLUE LAKE ADDITION				
GRADING PLAN				
WICHITA, KANSAS				
BAUGHMAN COMPANY P.A.				
ENGINEERING, SURVEYING, & PLANNING				
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER				SHEET
				4
DESIGN	DRAWN	APPROVED	DATE	SCALE
BLG	BLG		5-03-04	noted

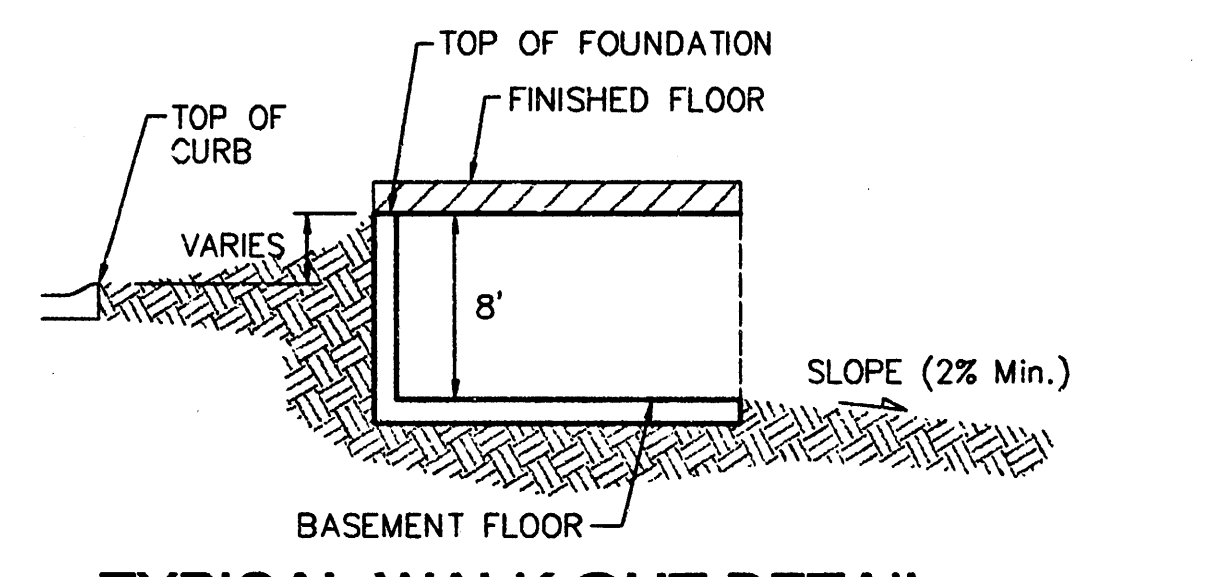
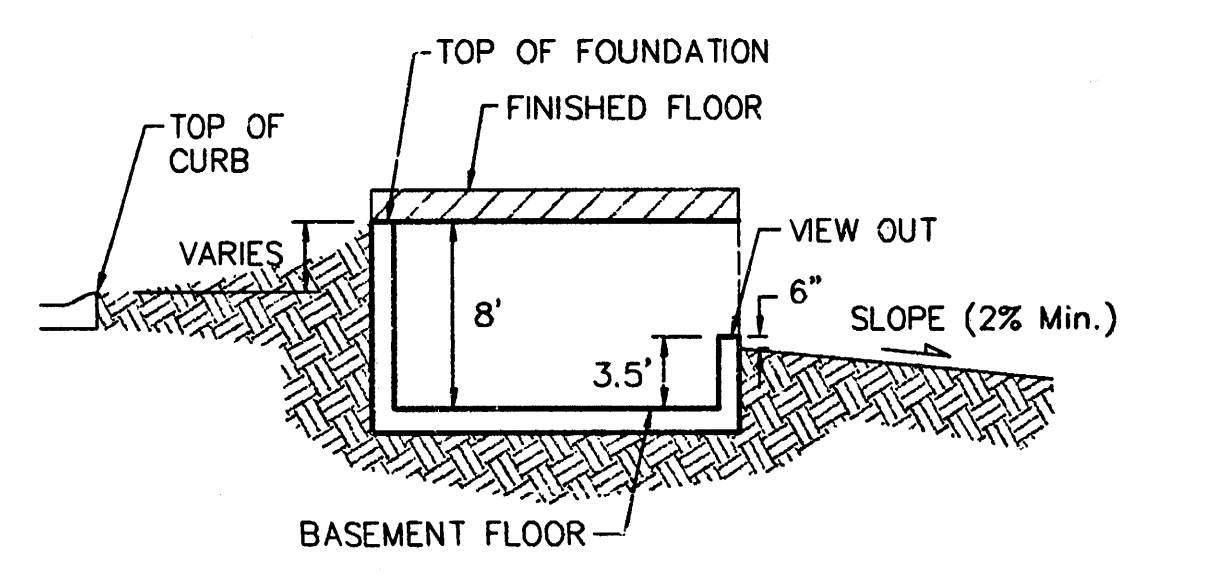
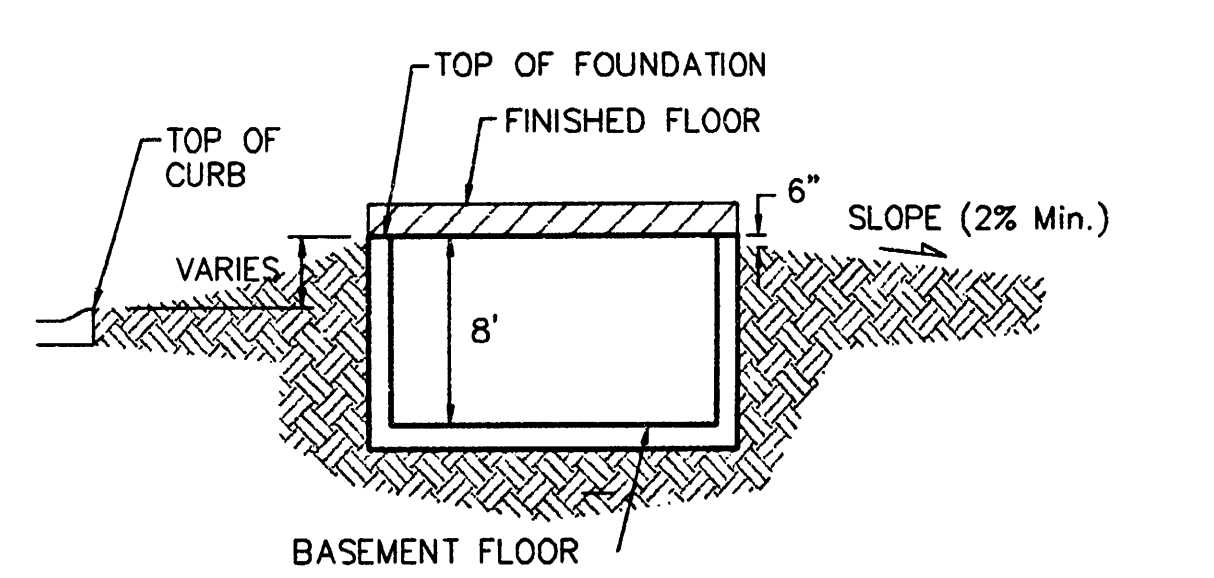
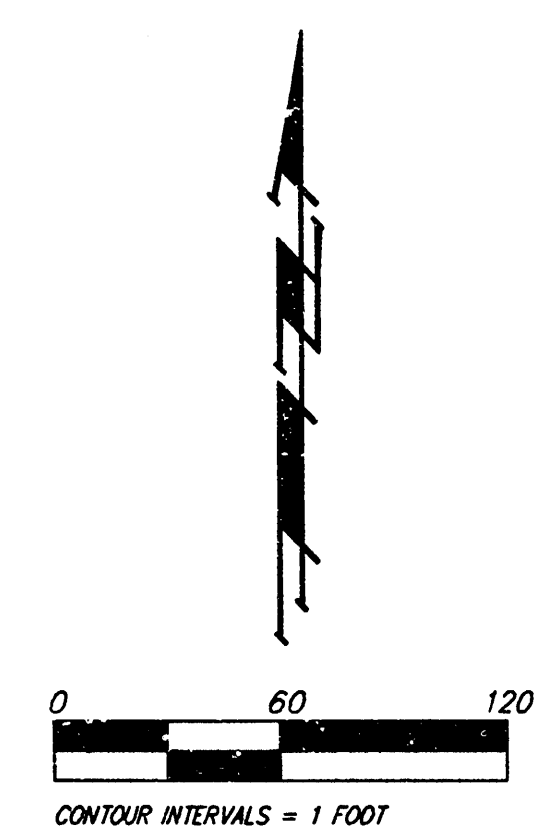
pre-grading.dwg



Benchmarks:
 Hoover and MacArthur (39th St. South)
 COW Bench Mark, NE corner of intersection.
 41.60 ft North of center line.
 69.00 ft East of center line.
 20.00 ft East of guy pole.
 79.80 ft NE of Section corner iron.
 City 121.22 ft
 MSL 1308.62 ft

Big Ditch and MacArthur
 COW Bench Mark, West bound lane,
 east end of bridge.
 East of Hoover.
 City 116.52 ft
 MSL 1303.92 ft

Lake Data:
 Area of WS = 38 acres
 Total DA = 146 acres
 100-yr Rainfall Volume = 96 ac-ft
 Increase in WS due to 100-yr rainfall = 2.5 ft
 100-yr WS Elev = 92.5



NOTES:
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BLUE LAKE ADDITION
GRADING PLAN
 WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING

316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER					SHEET
5					OF
9					9

DESIGN
BLG

DRAWN
BLG

APPROVED

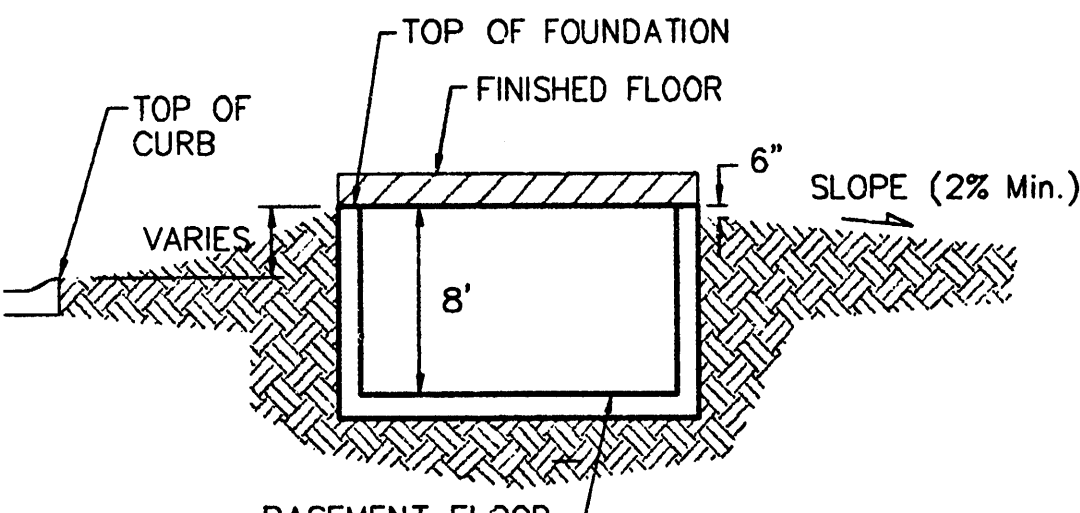
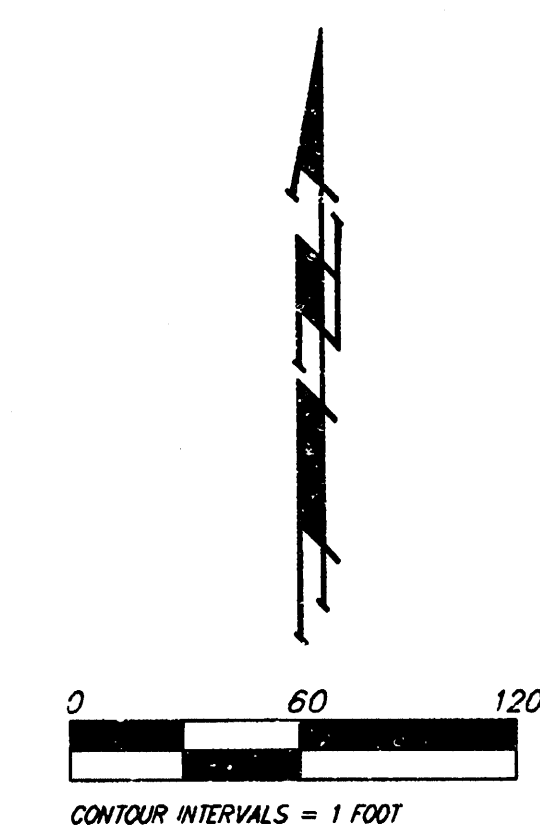
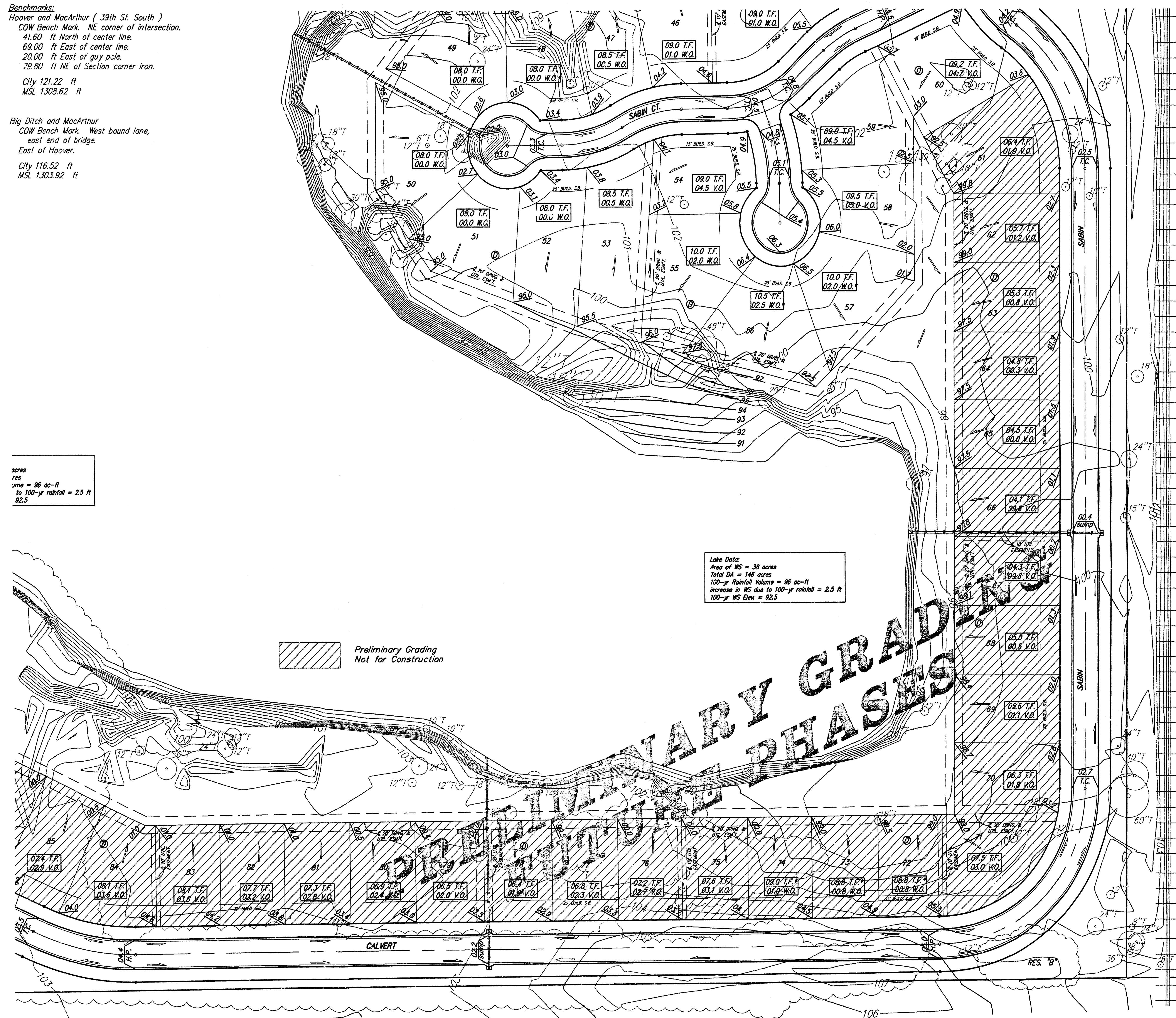
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SCALE
noted

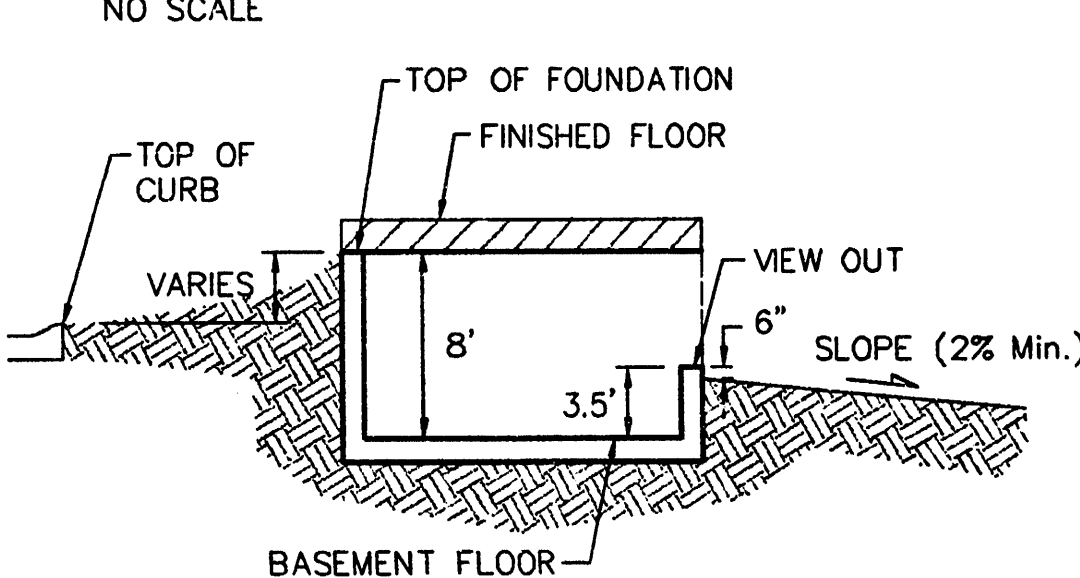
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Hoover and MacArthur (39th St. South)
COW Bench Mark. NE corner of intersection.
41.60 ft North of center line.
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MSL 1308.62 ft

Big Ditch and MacArthur
COW Bench Mark. West bound lane,
east end of bridge.
East of Hoover.
City 116.52 ft
MSL 1303.92 ft

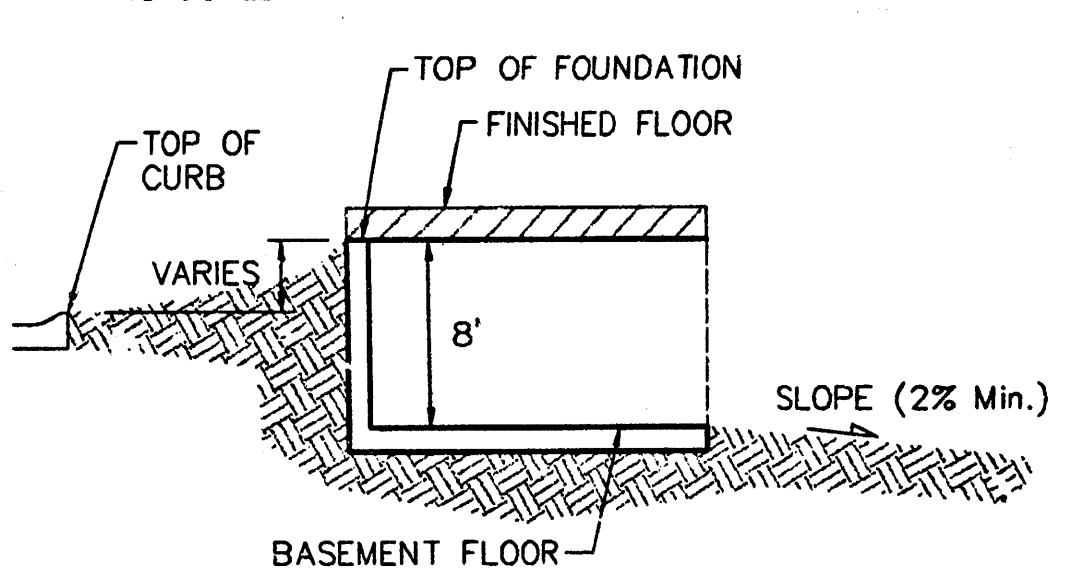
Notes:
res
time = 96 ac-ft
to 100-yr rainfall = 2.5 ft
92.5



TYPICAL NON-VIEW OUT DETAIL



TYPICAL VIEW OUT DETAIL



TYPICAL WALK OUT DETAIL

NOTES:
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BLUE LAKE ADDITION

GRADING PLAN

WICHITA, KANSAS

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER

SHEET

DESIGN

DRAWN

APPROVED

DATE

SCALE

BLG

BLG

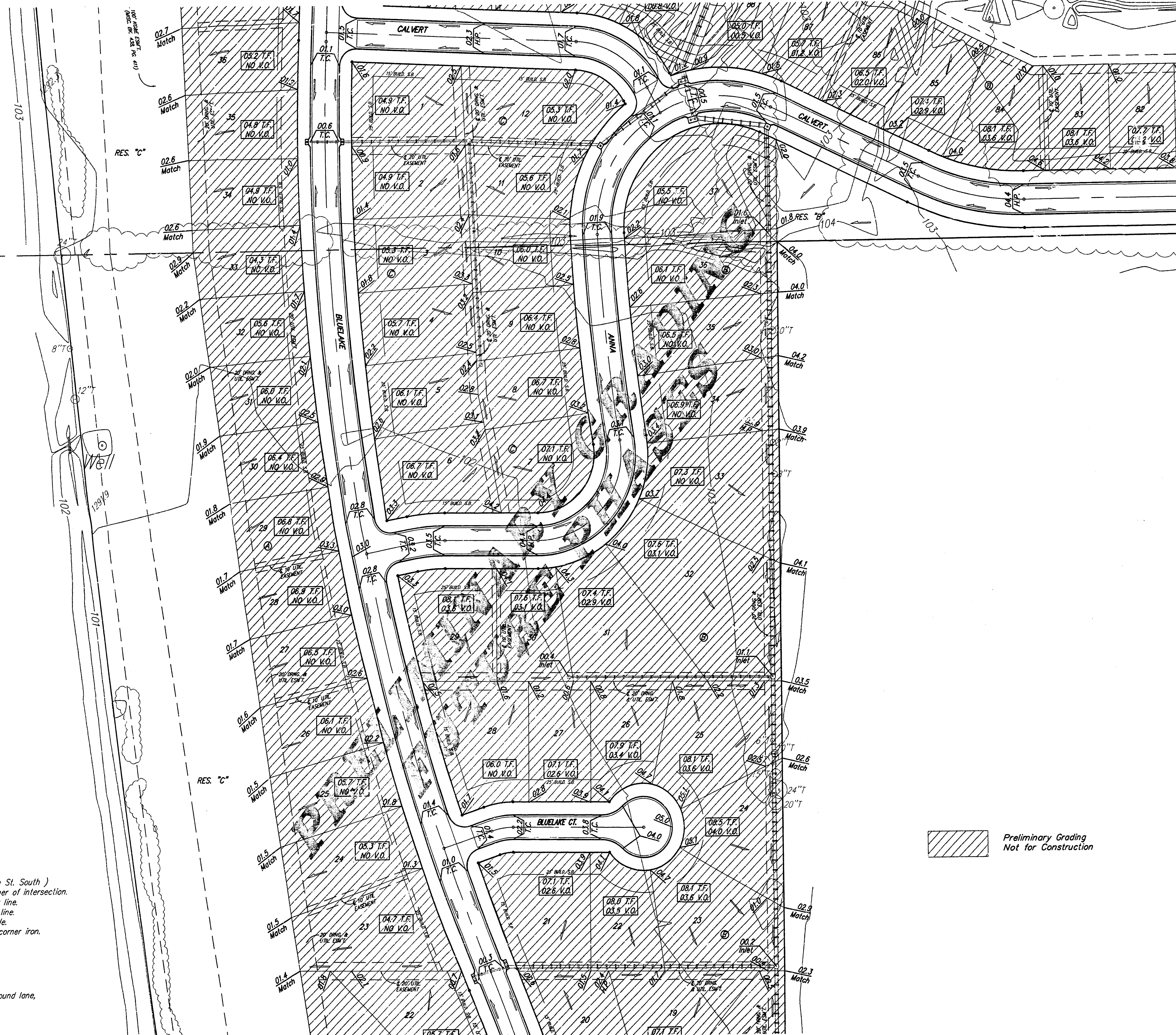
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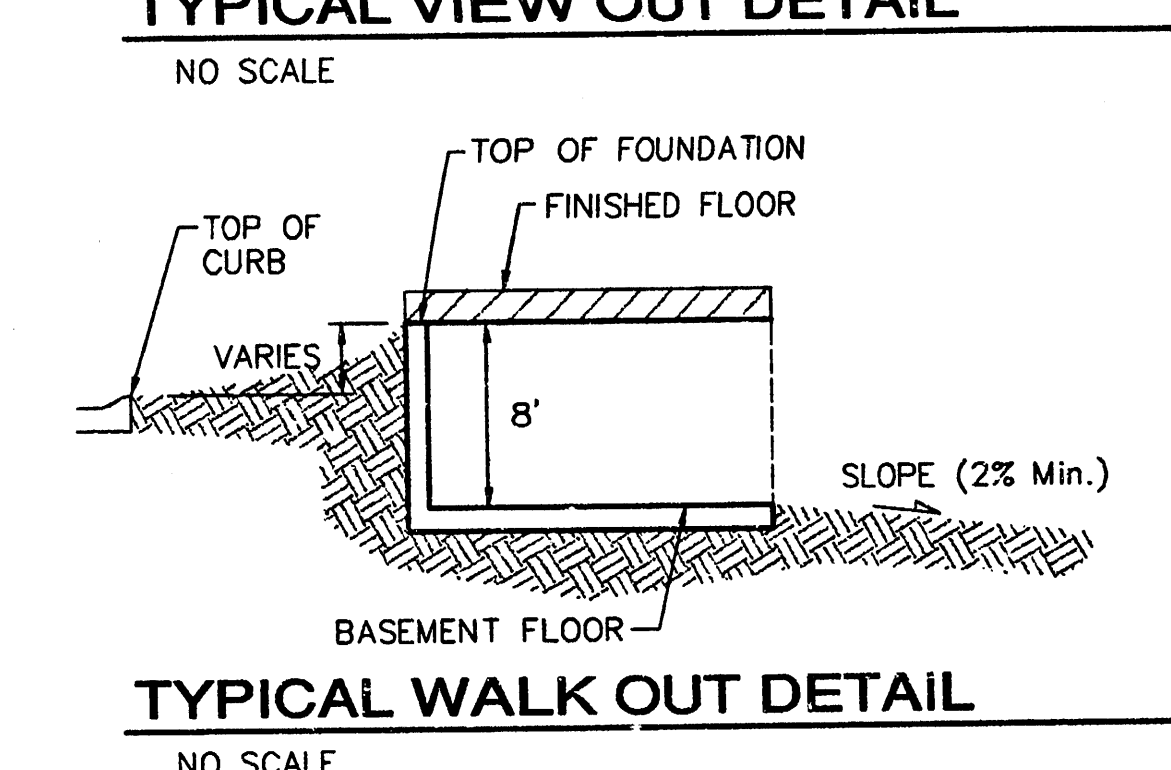
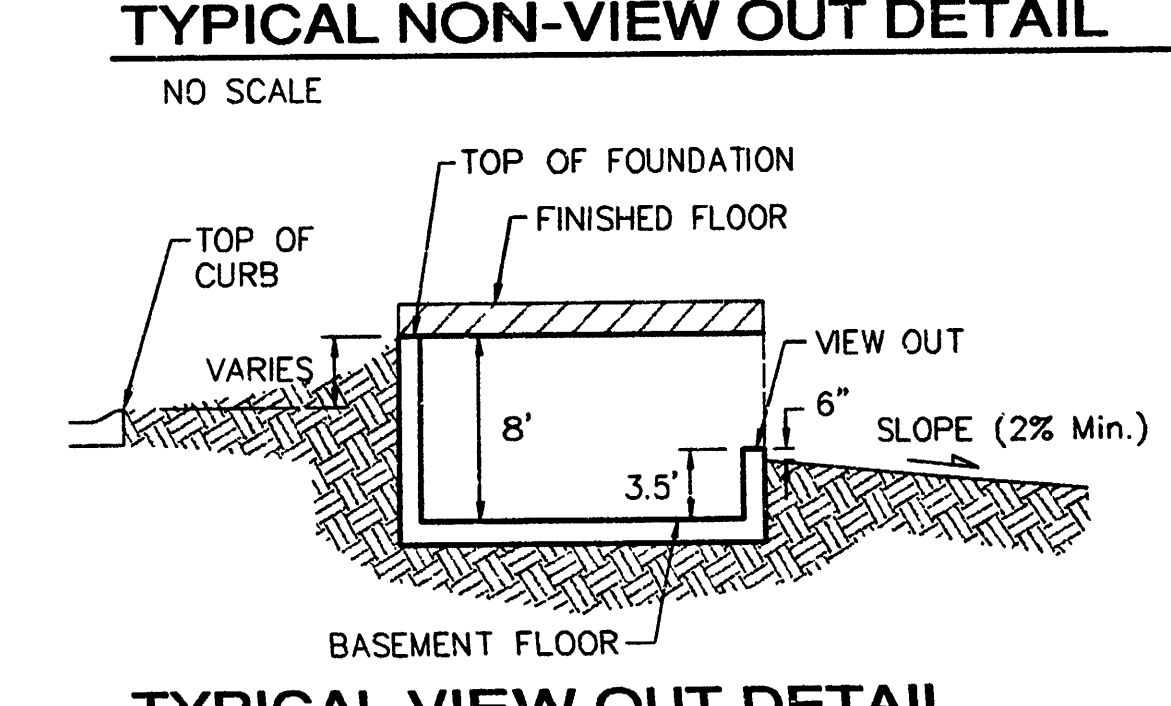
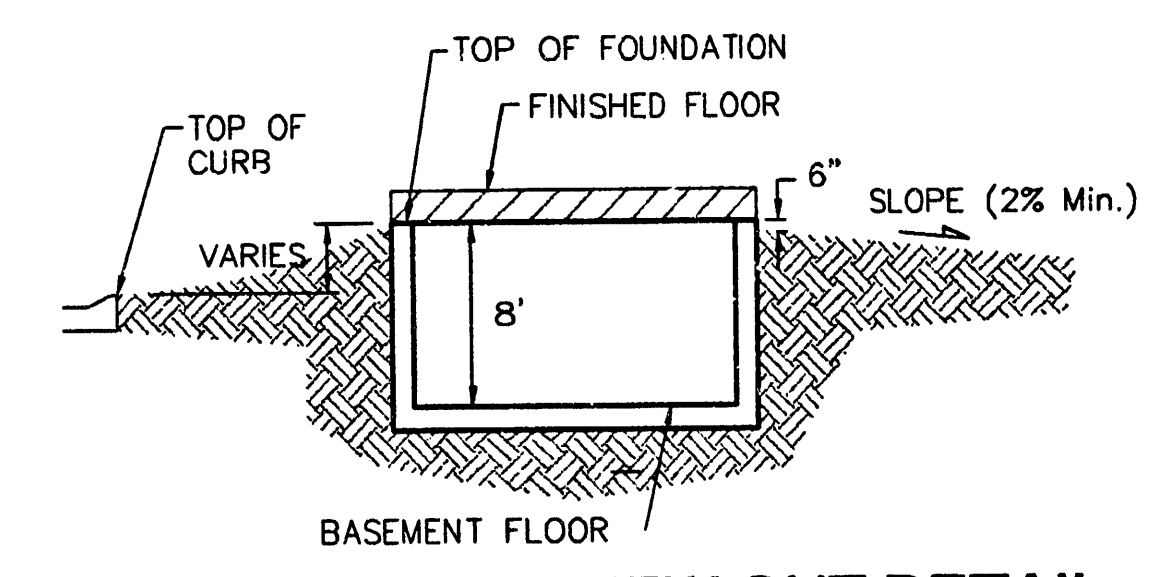
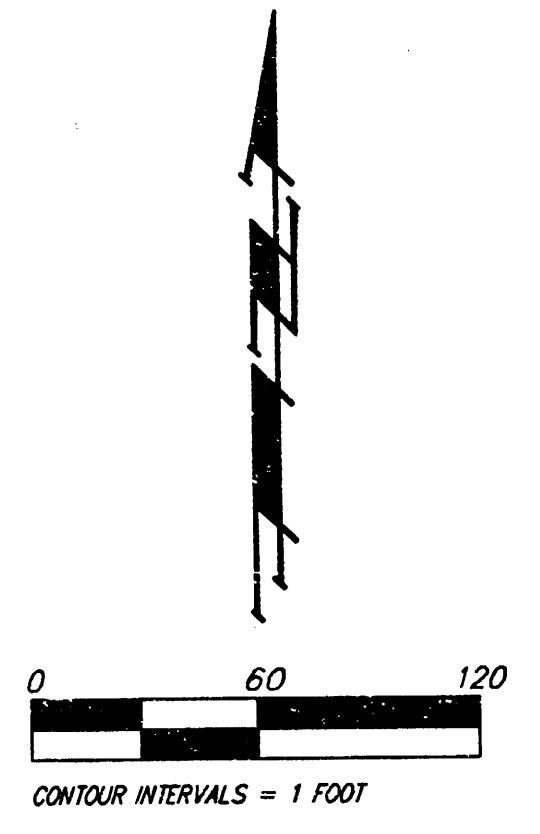
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pre-grade.dwg



Benchmarks:
 Hoover and MacArthur (39th St. South)
 COW Bench Mark, NE corner of intersection.
 41.60 ft North of center line.
 69.00 ft East of center line.
 20.00 ft East of guy pole.
 79.80 ft NE of Section corner iron.
 City 121.22 ft
 MSL 1308.62 ft

Big Ditch and MacArthur
 COW Bench Mark, West bound lane,
 east end of bridge.
 East of Hoover.
 City 116.52 ft
 MSL 1303.92 ft



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BLUE LAKE ADDITION
GRADING PLAN
 WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

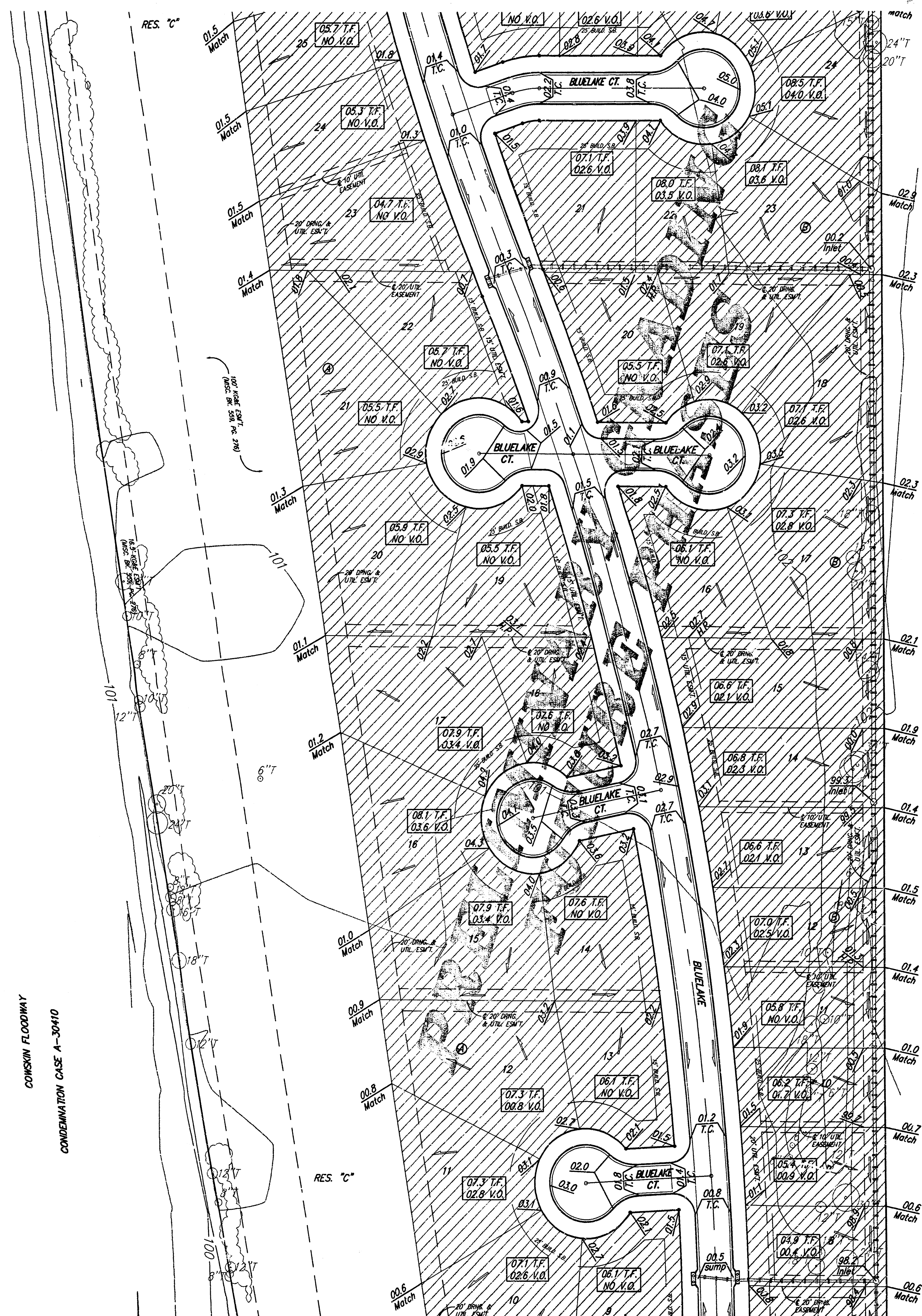
PROJECT NUMBER: _____ SHEET: **7** OF **8**

DESIGN BLG	DRAWN BLG	APPROVED	DATE 5-03-04
		SCALE noted	

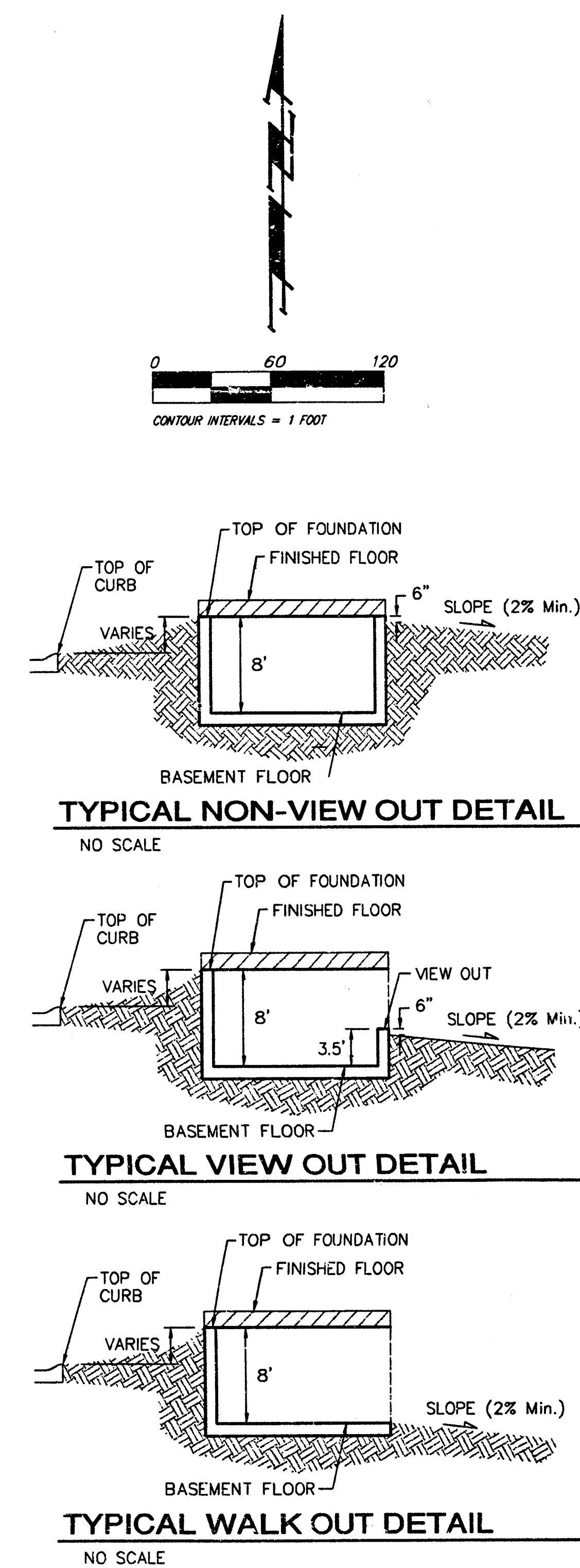
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Benchmarks:
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 MSL 1308.62 ft

Big Ditch and MacArthur
 COW Bench Mark. West bound lane,
 east end of bridge.
 East of Hoover.
 City 116.52 ft
 MSL 1303.92 ft



Preliminary Grading
 Not for Construction



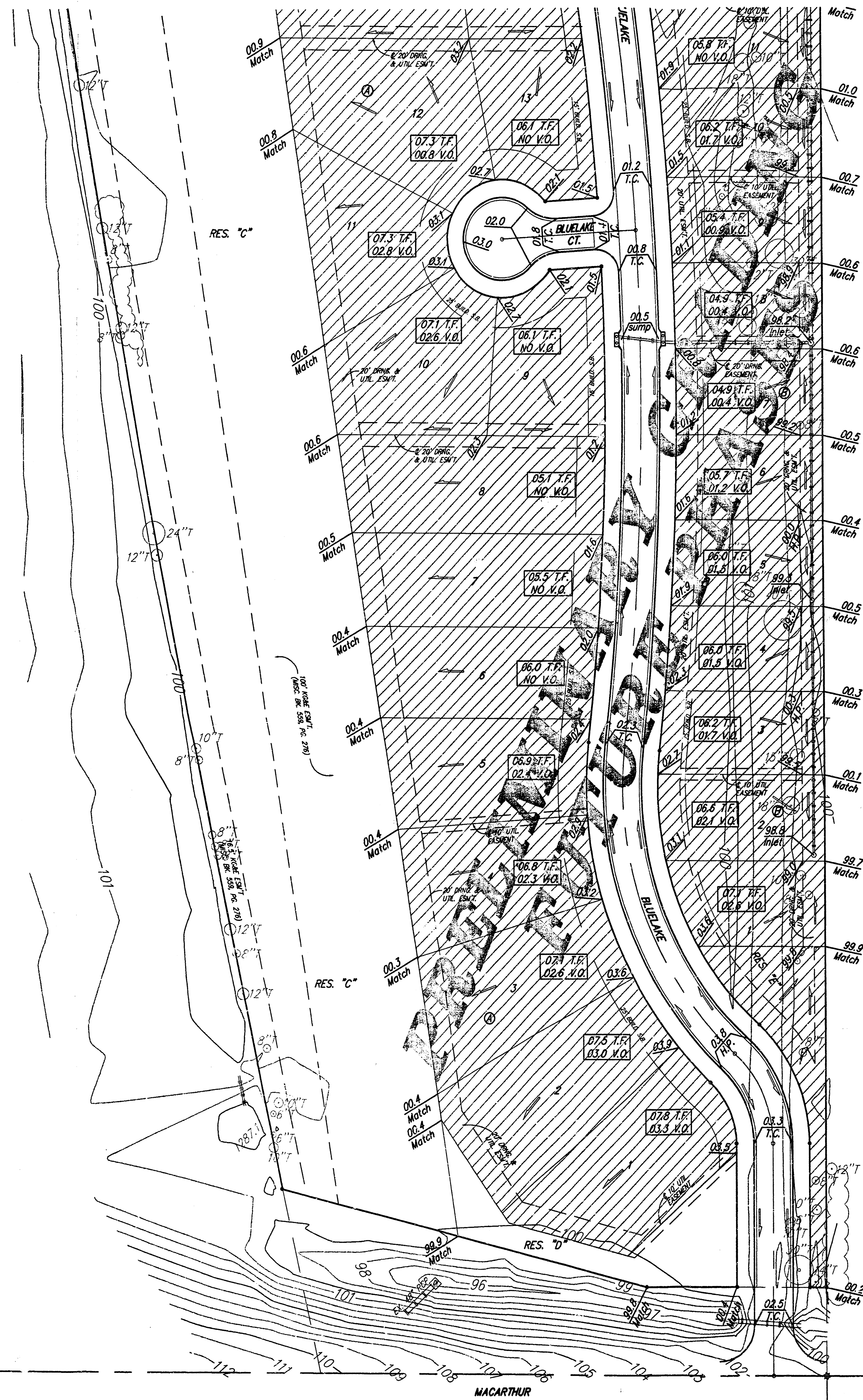
NOTES:
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BLUE LAKE ADDITION				
GRADING PLAN				
WICHITA, KANSAS				
BAUGHMAN COMPANY P.A.				
ENGINEERING, SURVEYING, & PLANNING				
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER				SHEET
DESIGN				8
DRAWN				9
APPROVED				
DATE				
SCALE				

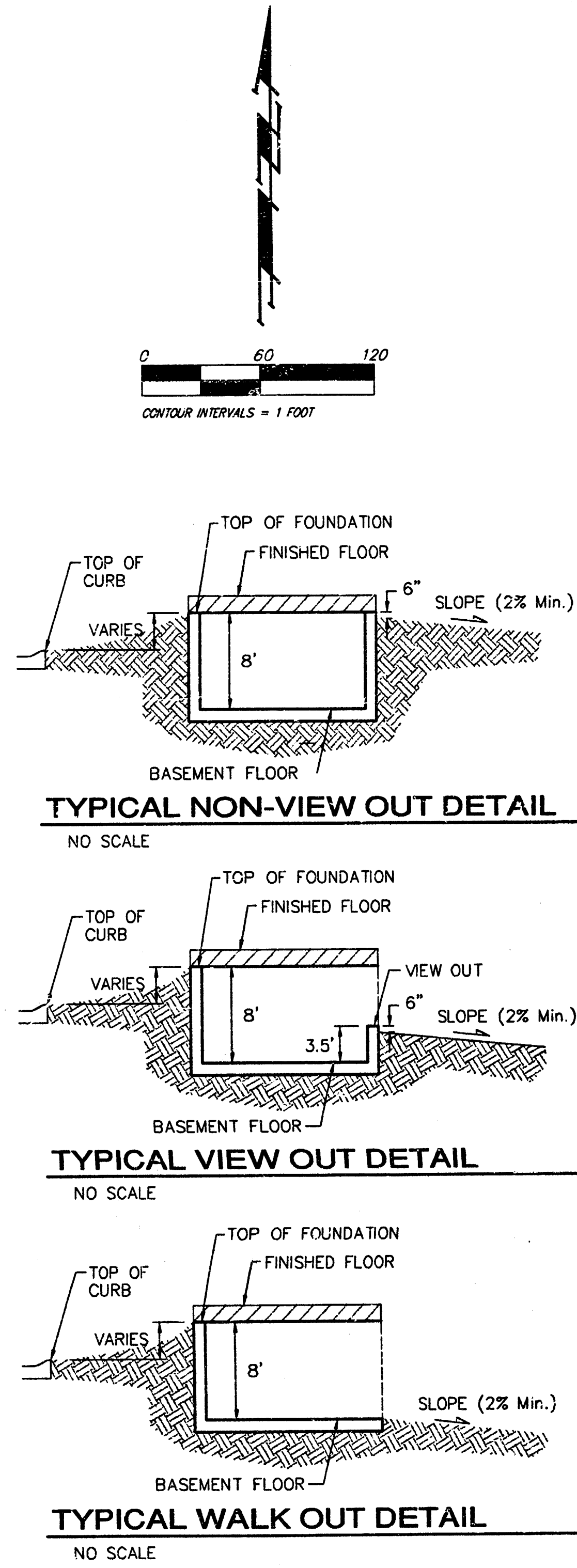
Benchmarks:
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20.00 ft East of guy pole.
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City 121.22 ft
MSL 1308.62 ft

Big Ditch and MacArthur
COW Bench Mark, West bound lane,
east end of bridge.
East of Hoover.
City 116.52 ft
MSL 1303.92 ft

CONSERVATION FLOODWAY
CONDEMNATION CASE A-30410



Preliminary Grading
Not for Construction



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BLUE LAKE ADDITION
GRADING PLAN
WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER: 318-262-7271

DESIGN BLG	DRAWN BLG	APPROVED	DATE 5-03-04	SCALE noted
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SHEET 9 OF 9