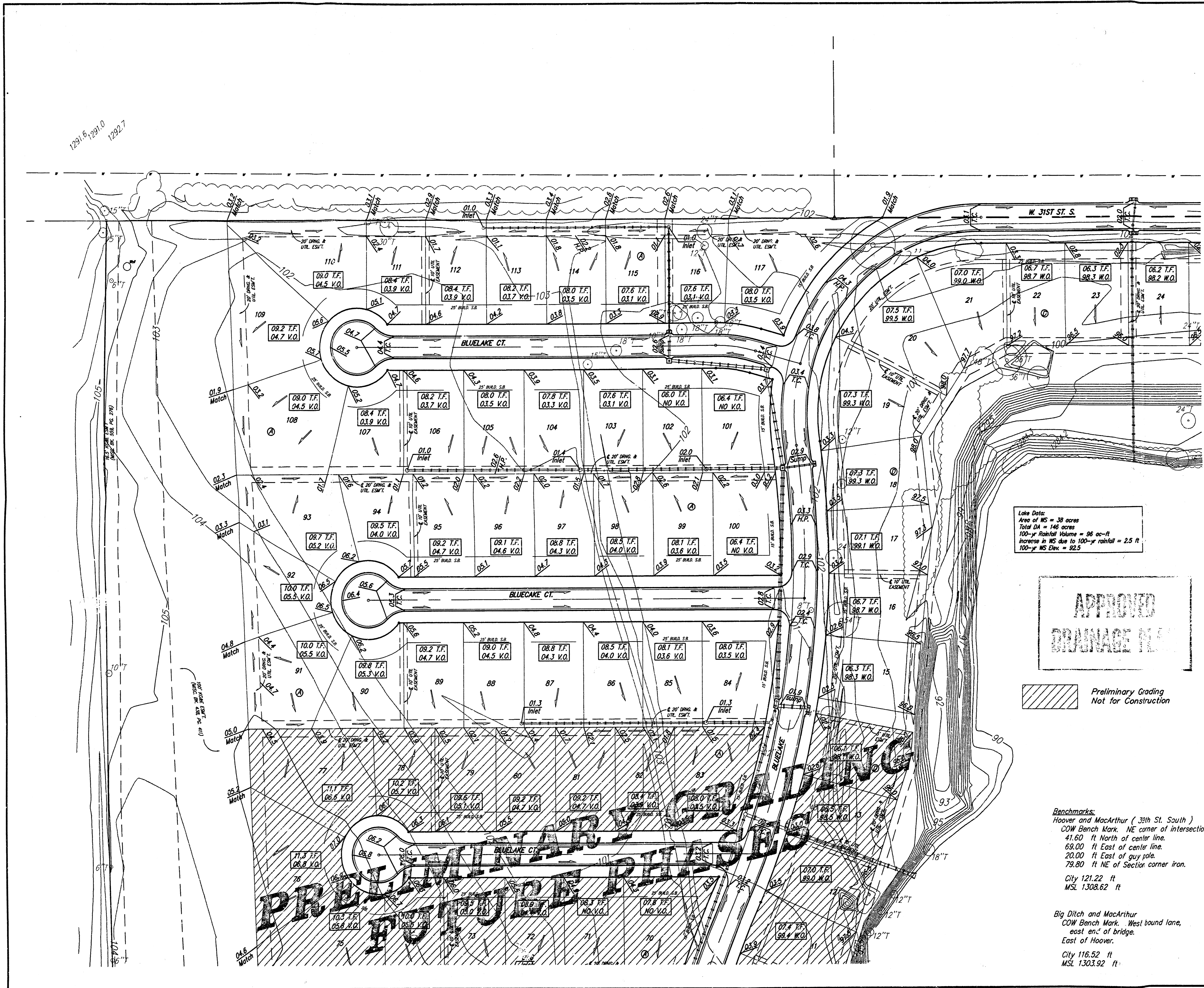


1291.6, 1291.0  
1292.7



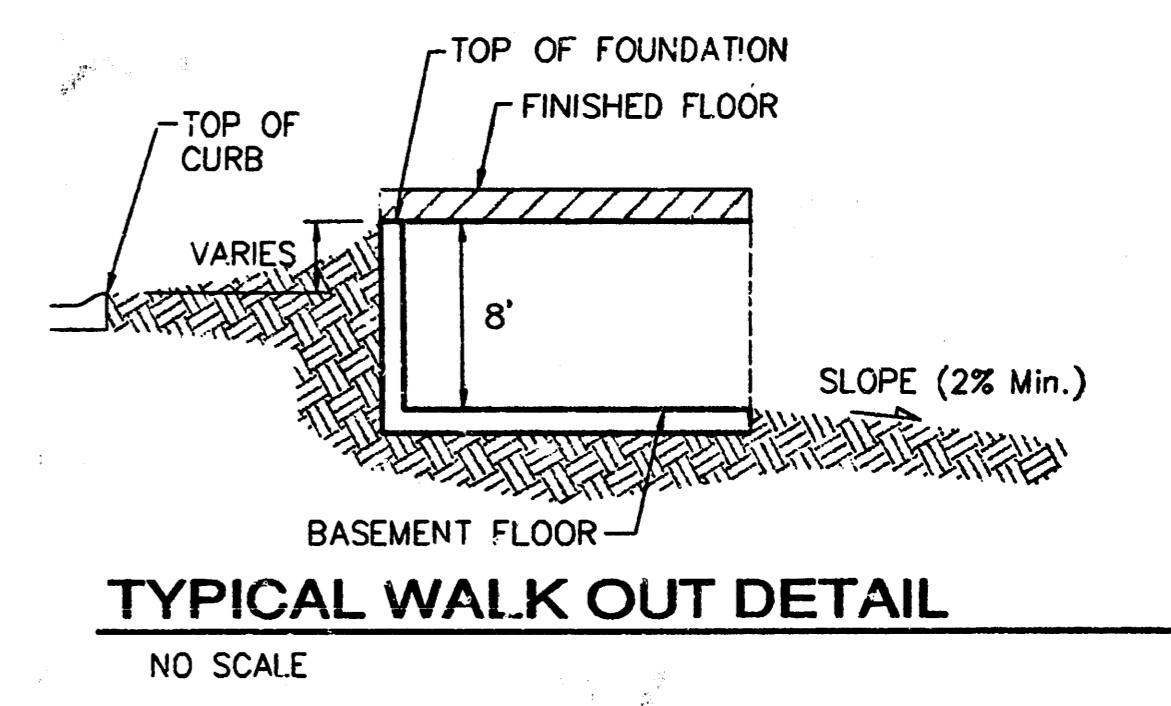
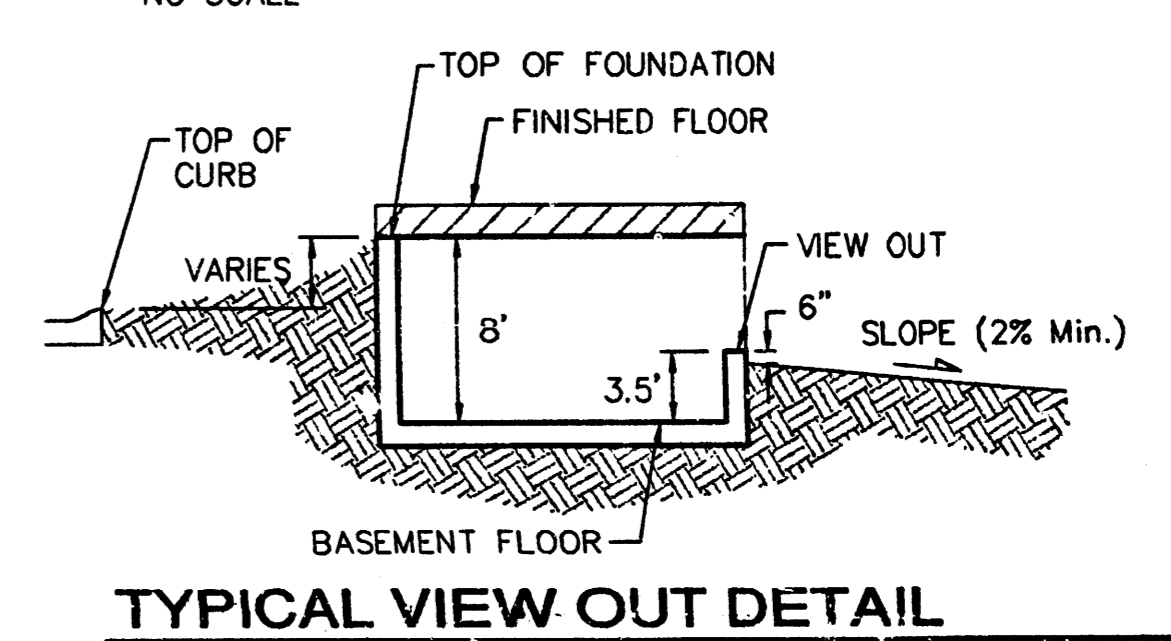
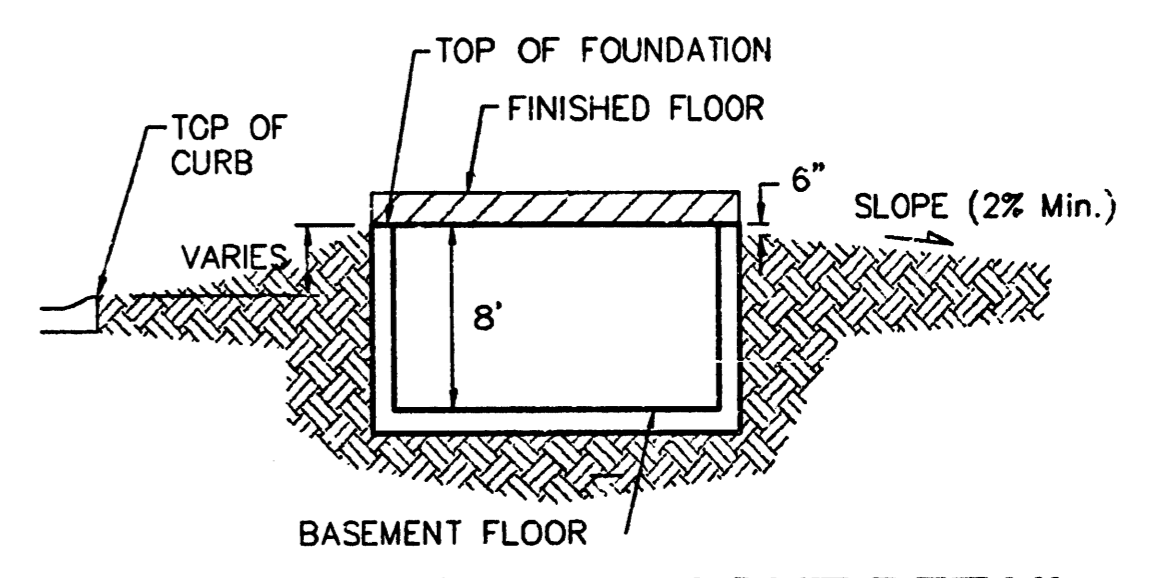
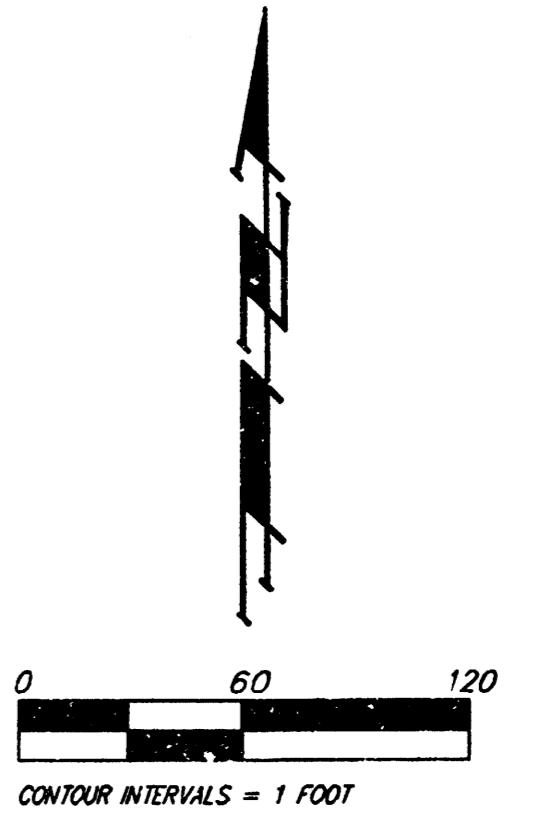
Lot Data:  
Area of MS = 39 acres  
Total DA = 146 acres  
100-yr Rainfall Volume = 96 ac-ft  
Increase in MS due to 100-yr rainfall = 2.5 ft  
100-yr MS Elev. = 92.5

**APPROVED  
DRAINAGE PLAN**

Preliminary Grading  
Not for Construction

**Benchmarks:**  
Hoover and MacArthur (39th St. South)  
COW Bench Mark, NE corner of intersection,  
41.50 ft North of center line.  
69.00 ft East of center line.  
20.00 ft East of guy pole.  
79.80 ft NE of Sector 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.  
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.

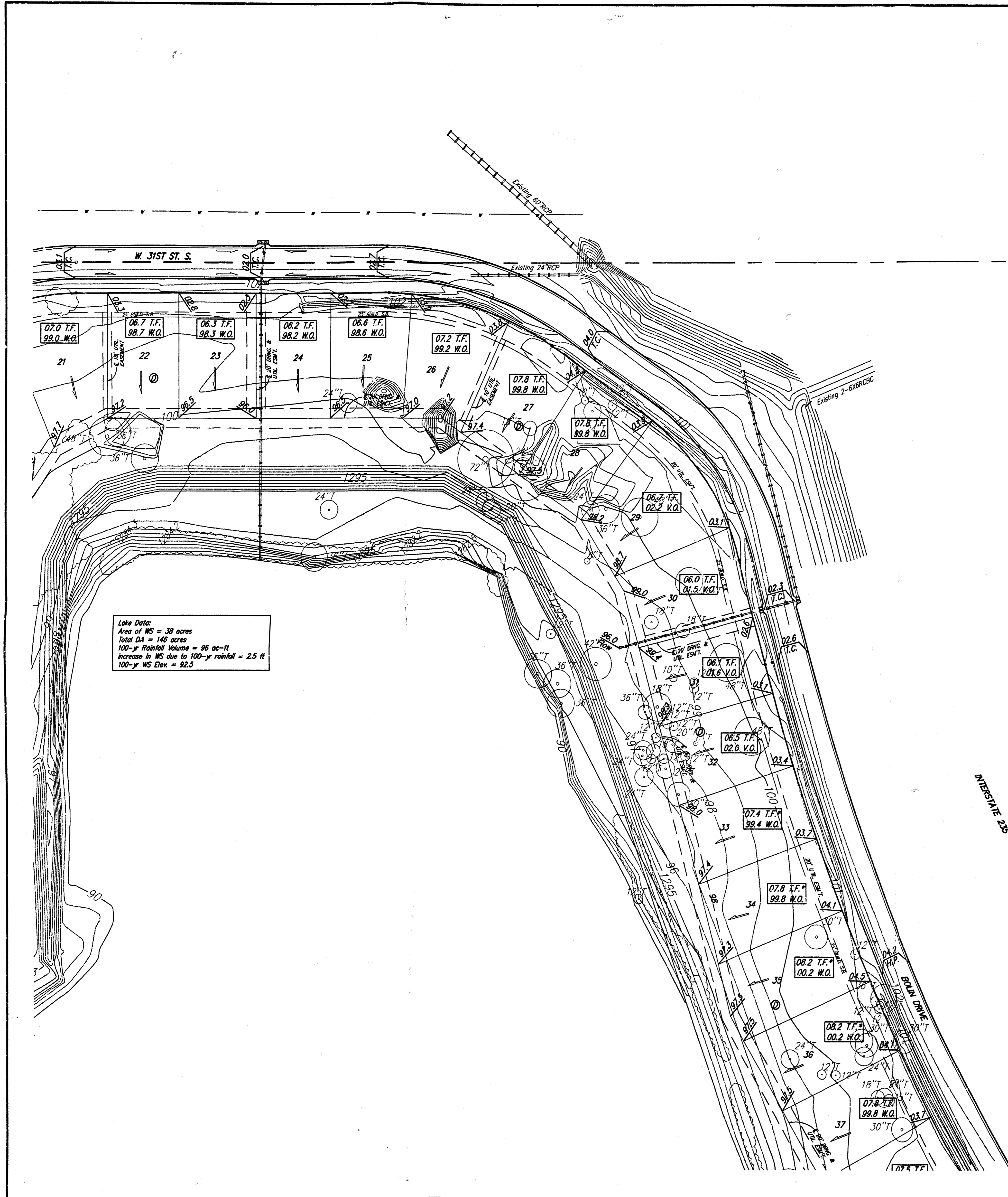
**BLUE LAKE ADDITION  
GRADING PLAN**  
WICHITA, KANSAS

**BAUGHMAN COMPANY P.A.**  
ENGINEERING, SURVEYING, & PLANNING  
315-262-7221 • 315 ELLIS • WICHITA, KANSAS 67211

DESIGN BLG	DRAWN BLG	APPROVED	DATE 5-03-04	SCALE noted	SHEET 1 OF 9
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PROJECT NUMBER: [blank]

msc\_grade.dwg



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

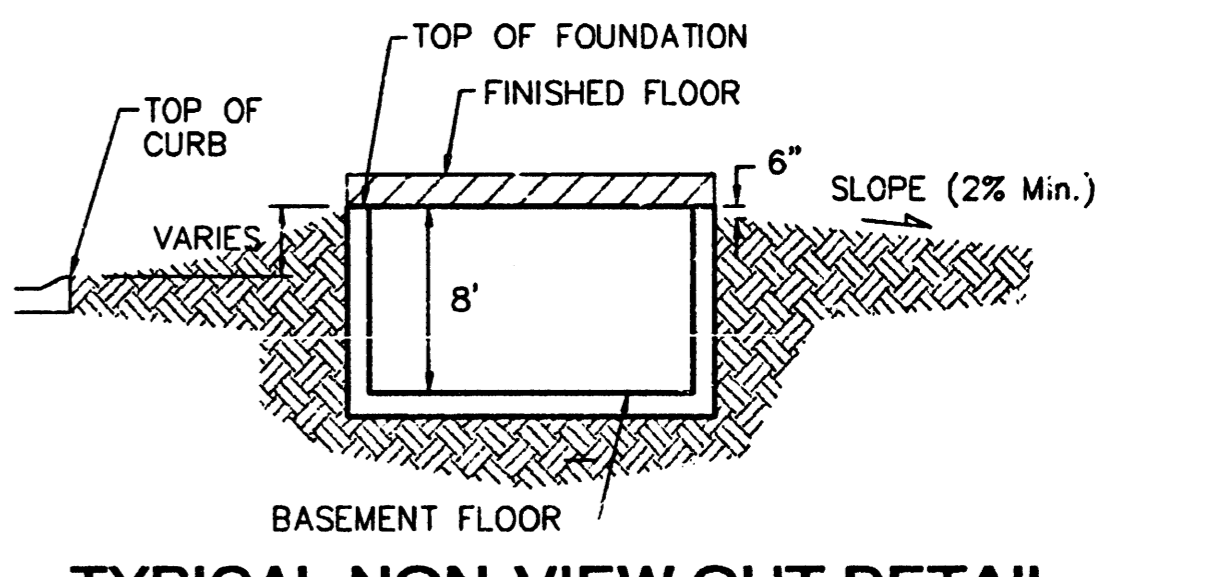
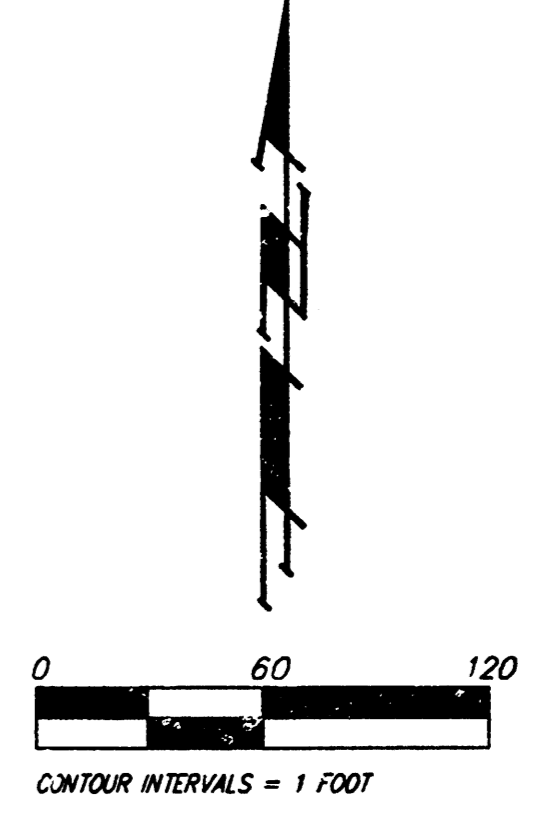
Preliminary Grading  
 Not for Construction

**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

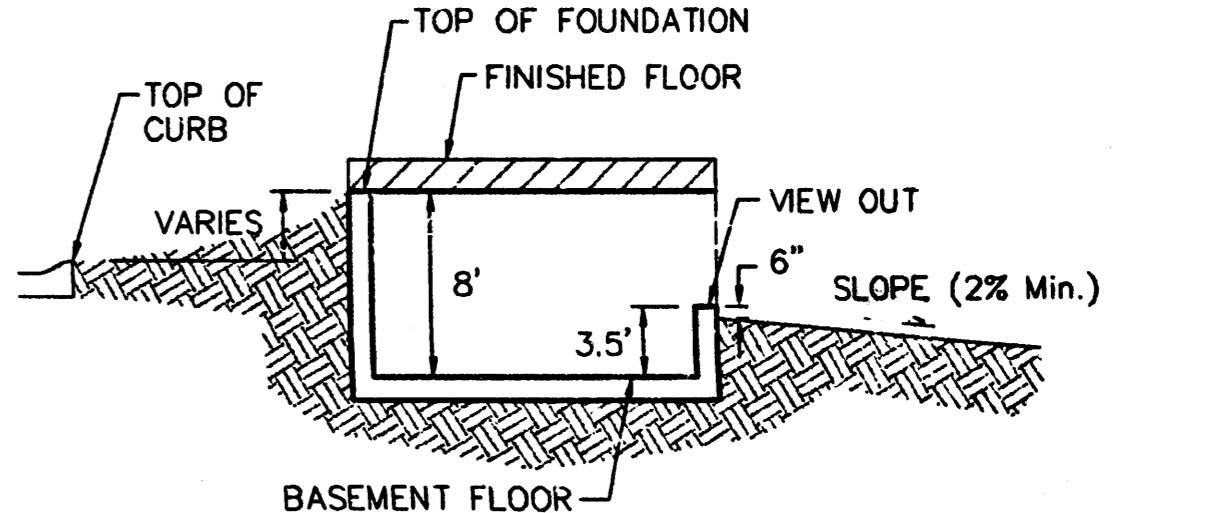
Big Ditch and MacArthur  
 COW Bench Mark, West bound lane,  
 east end of bridge.  
 East of Hoover.

City 116.52 ft  
 MSL 1303.92 ft



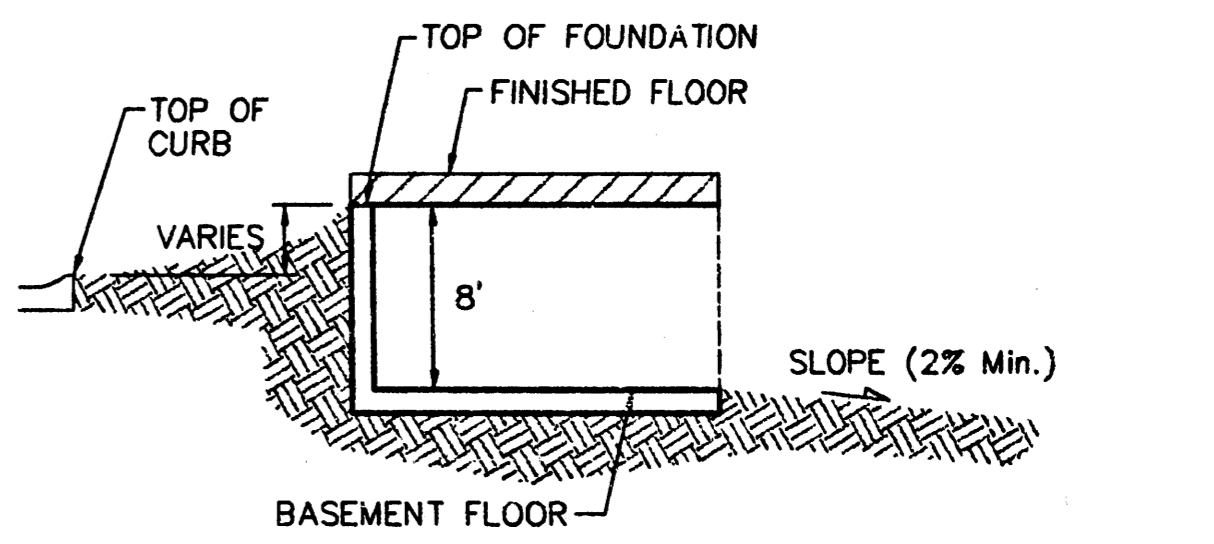
**TYPICAL NON-VIEW OUT DETAIL**

NO SCALE



**TYPICAL VIEW OUT DETAIL**

NO SCALE



**TYPICAL WALK OUT DETAIL**

NO SCALE

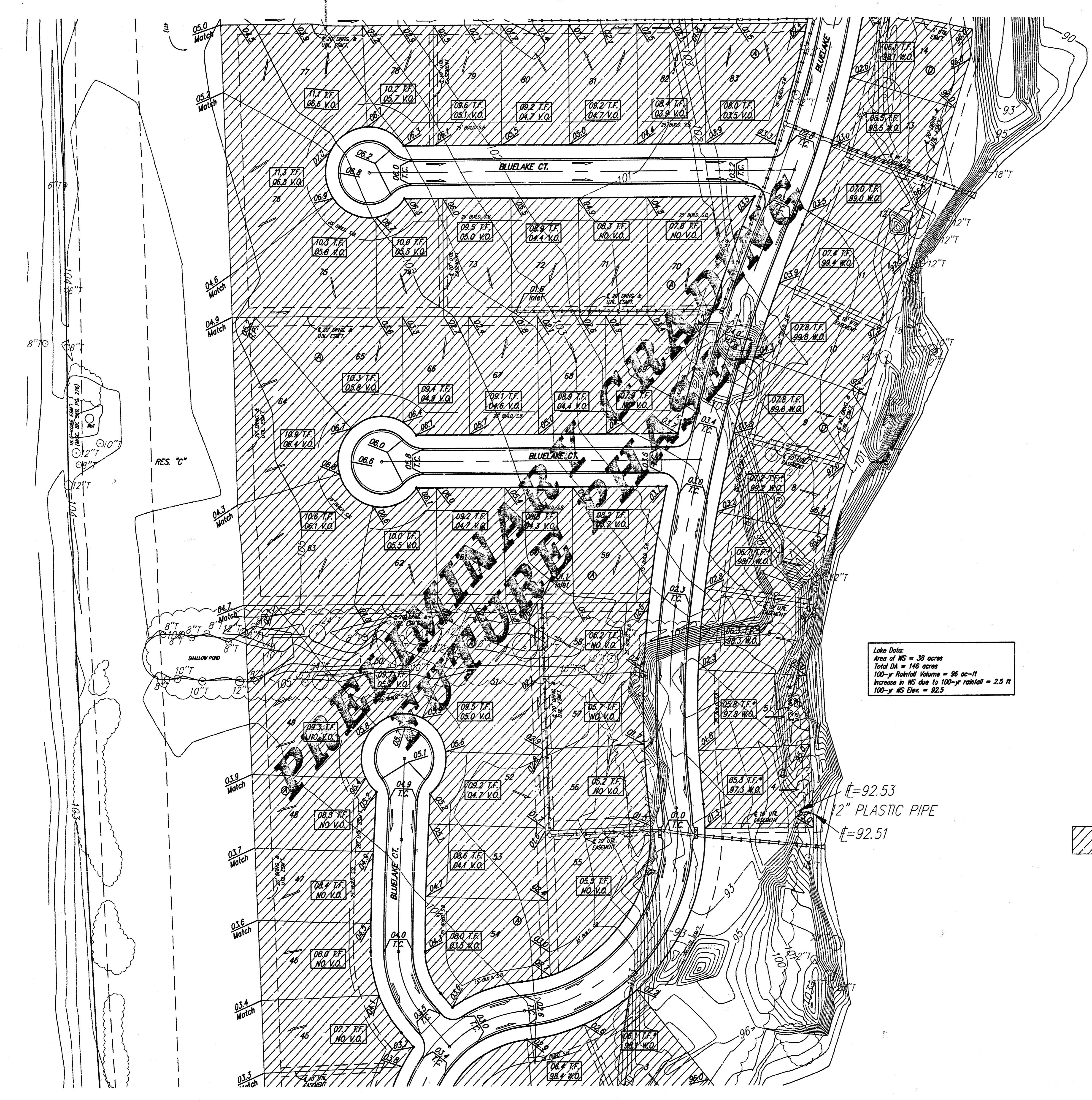
**NOTES:**  
 Proposed Top of Foundation Elevations Are Shown On Plans. Contractor to Set Finished Floor Elevations.  
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<b>BLUE LAKE ADDITION</b> <b>GRADING PLAN</b> WICHITA, KANSAS			
<b>BAUGHMAN COMPANY P.A.</b> ENGINEERING, SURVEYING, & PLANNING <small>318-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211</small>			
PROJECT NUMBER			SHEET
DESIGN			2
DESIGN BLG	DRAWN BLG	APPROVED	OF 9
DATE		SCALE	
5-03-04		noted	



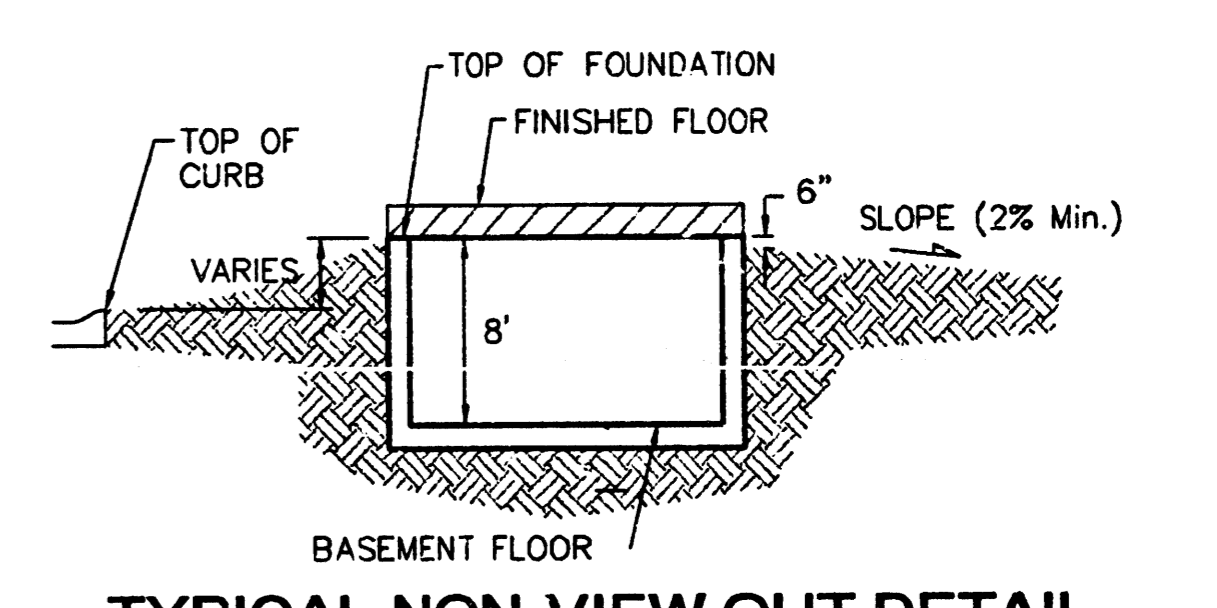
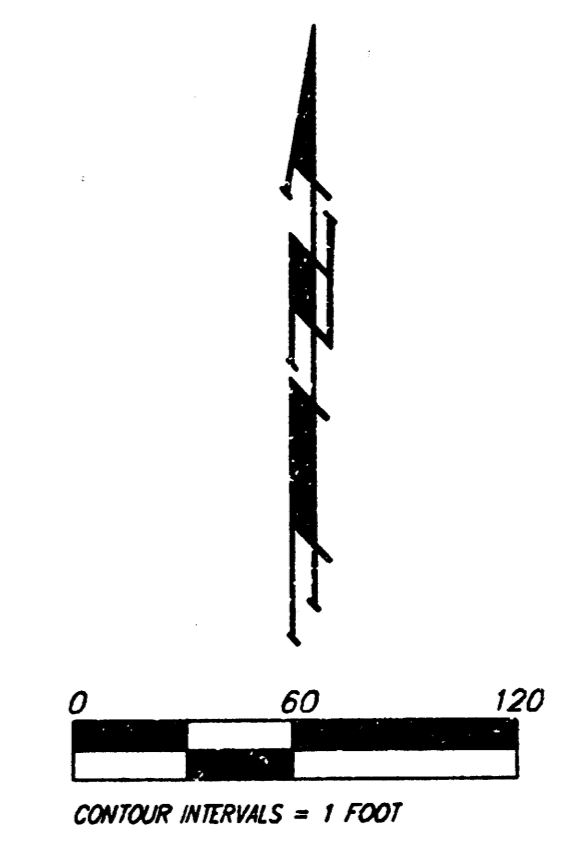
Lake Data:  
 Area of MS = 39 acres  
 Total DA = 146 acres  
 100-yr Rainfall Volume = 96 ac-ft  
 Increase in MS due to 100-yr rainfall = 2.5 ft  
 100-yr MS Elev. = 92.5

E=92.53  
 12" PLASTIC PIPE  
 E=92.51

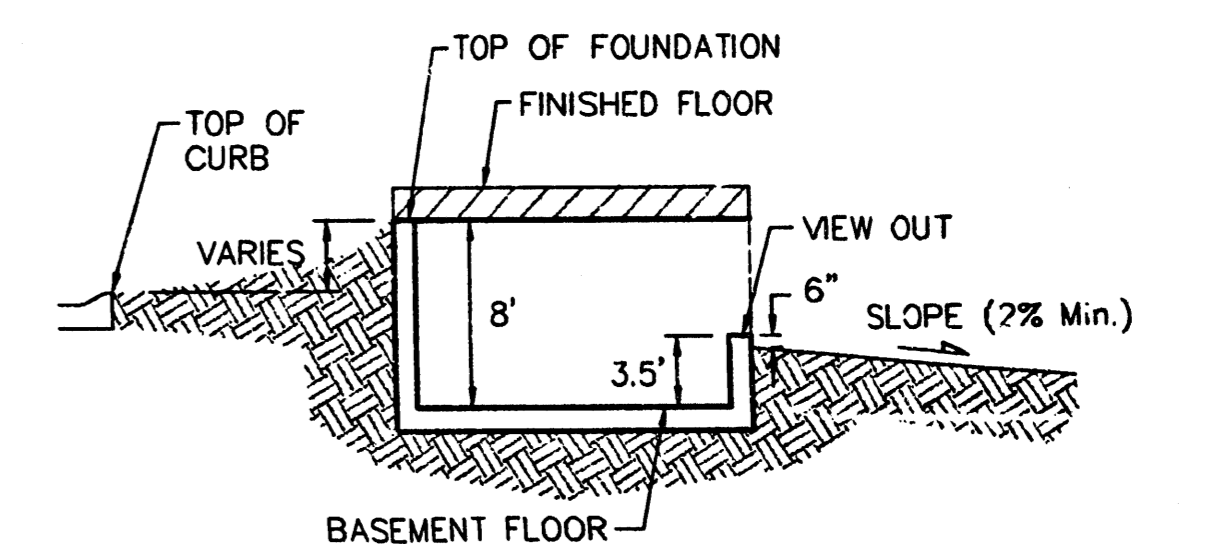
Preliminary Grading  
 Not for Construction

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 1303.62 ft

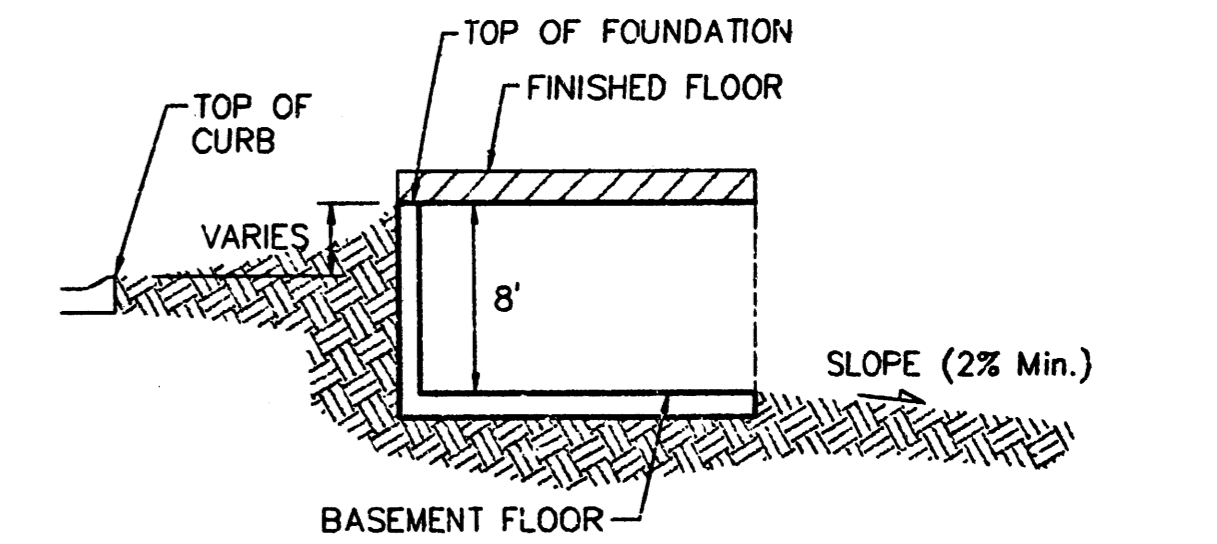
Big Ditch and MacArthur  
 COW Bench Mark. West bound lane,  
 east end of bridge.  
 East of Hoover.  
 City 116.52 ft  
 MSL 1303.92 ft



TYPICAL NON-VIEW OUT DETAIL  
 NO SCALE



TYPICAL VIEW OUT DETAIL  
 NO SCALE



TYPICAL WALK OUT DETAIL  
 NO SCALE

NOTES:  
 Proposed Top of Foundation Elevations Are Shown On Plans. Contractor to Set Finished Floor Elevations.  
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 Lot dimensions have been omitted on this plan, refer to the recorded plat for this information.

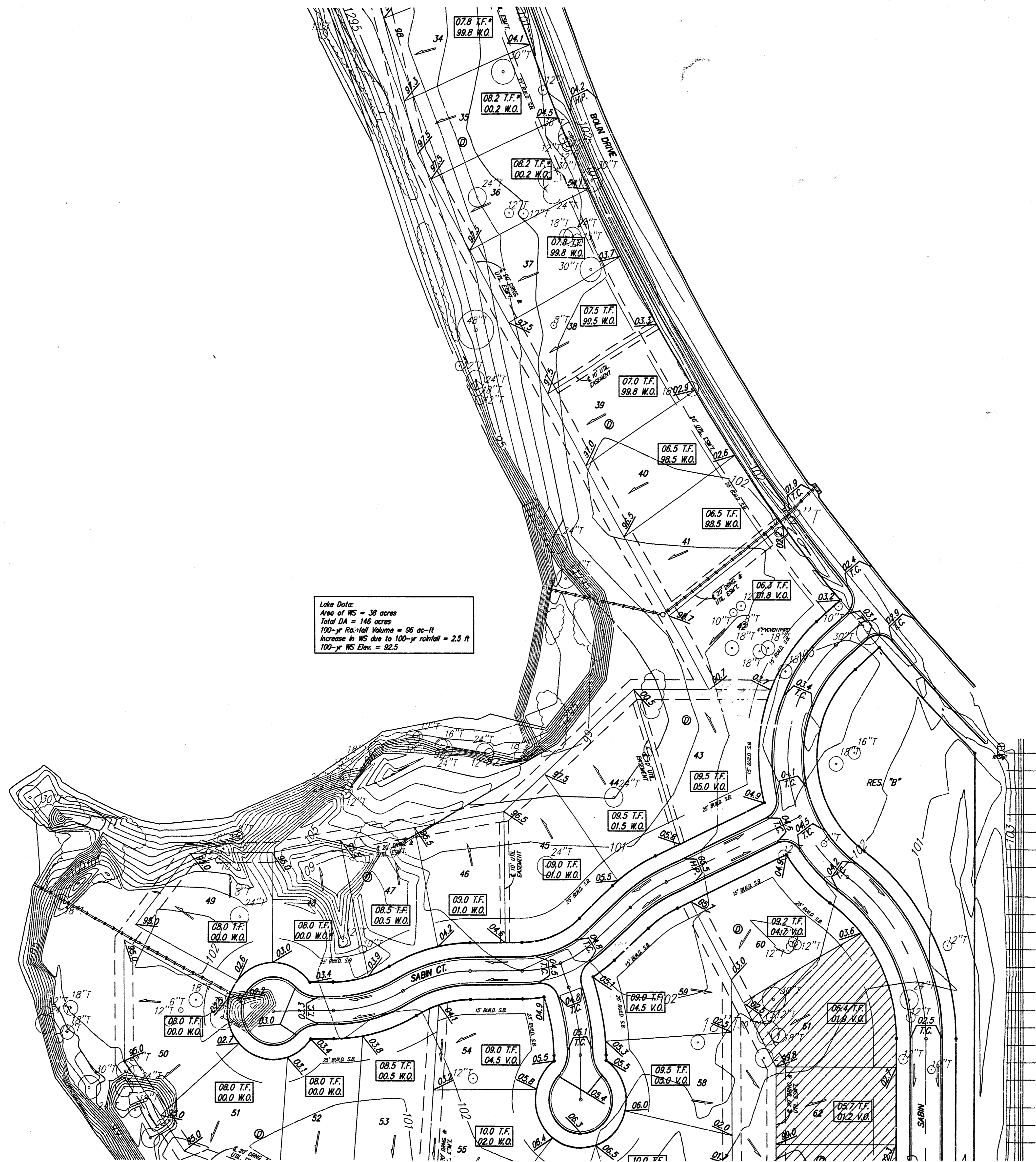
Lots depicted as XX.X T.F.\* indicates that Deep footings or Foundations are required. The deep footing requirement may be waived if the contractor can provide proof that the area has been compacted to a minimum of 95% of optimum density.

BLUE LAKE ADDITION  
**GRADING PLAN**  
 WICHITA, KANSAS

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

PROJECT NUMBER: \_\_\_\_\_ SHEET **3** OF **9**

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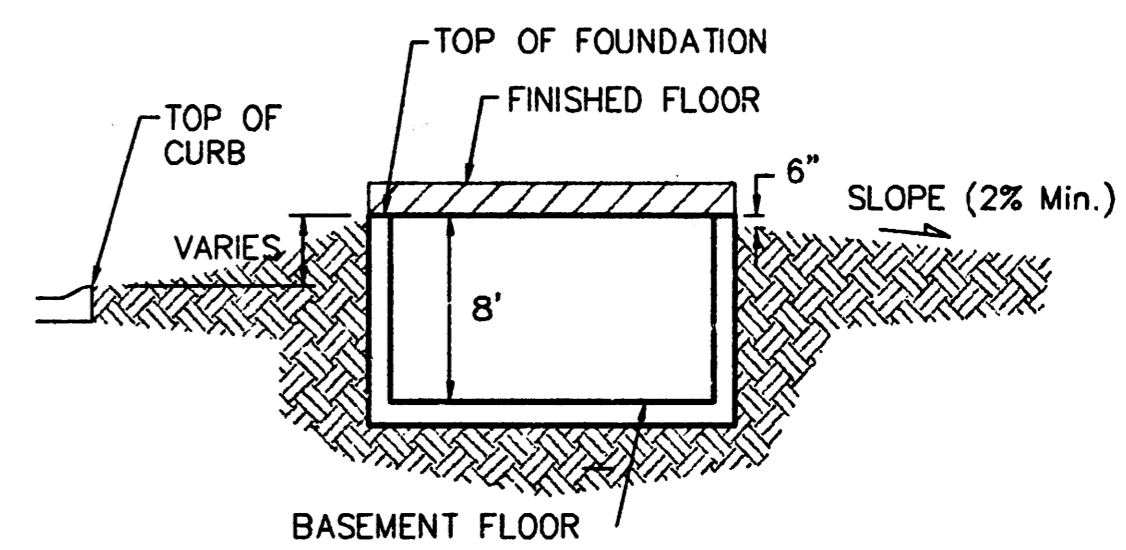
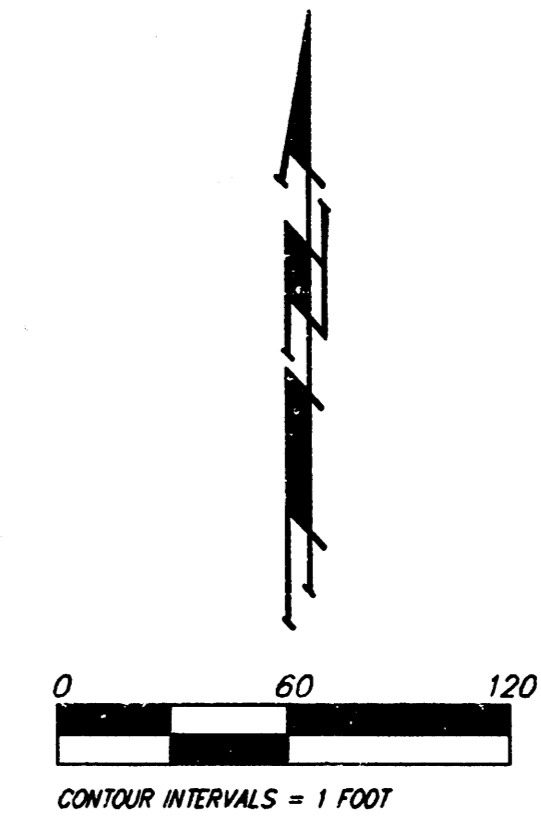


RESERVE "A"

Preliminary Grading  
Not for Construction

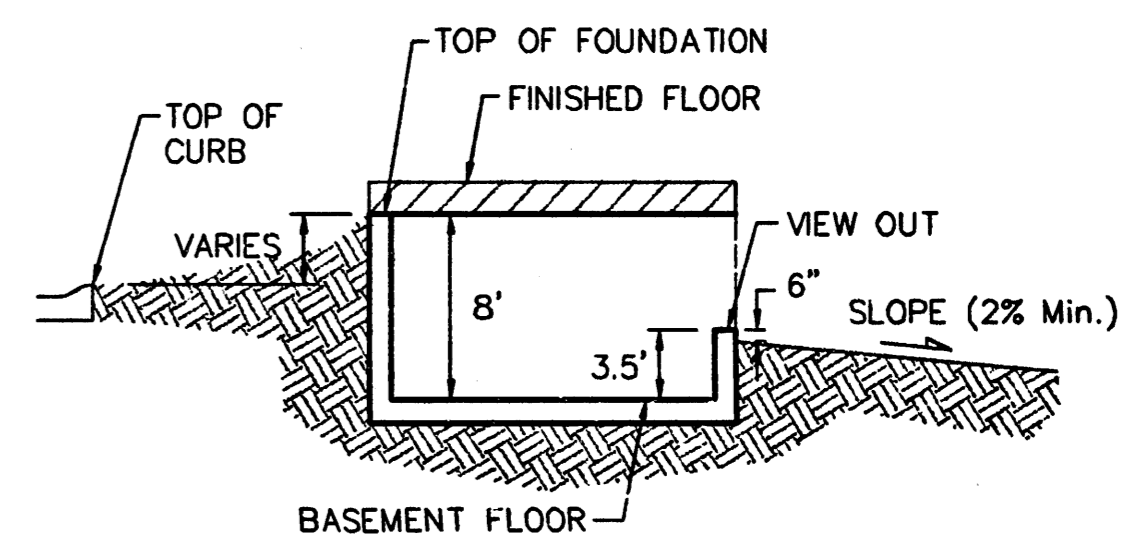
**Benchmarks:**  
Hoover and MacArthur (39th St. South)  
COW Bench Mark, NE corner of intersection.  
41.60 ft North of center line.  
69.00 ft East of center line.  
20.00 ft East of guy pole.  
79.80 ft NE of Section corner iron.  
City 121.22 ft  
MSL 1308.62 ft

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



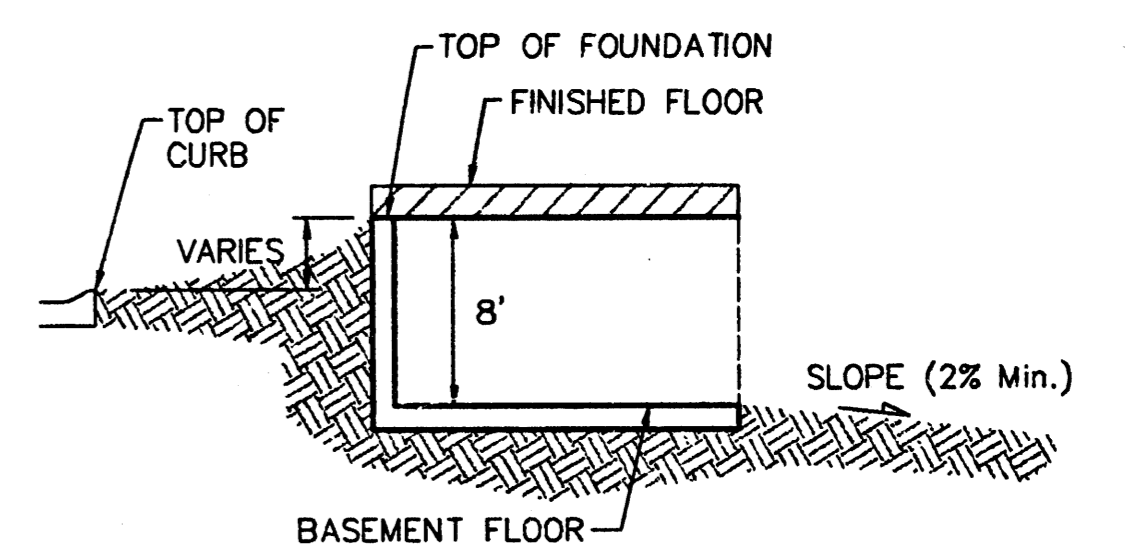
**TYPICAL NON-VIEW OUT DETAIL**

NO SCALE



**TYPICAL VIEW OUT DETAIL**

NO SCALE



**TYPICAL WALK OUT DETAIL**

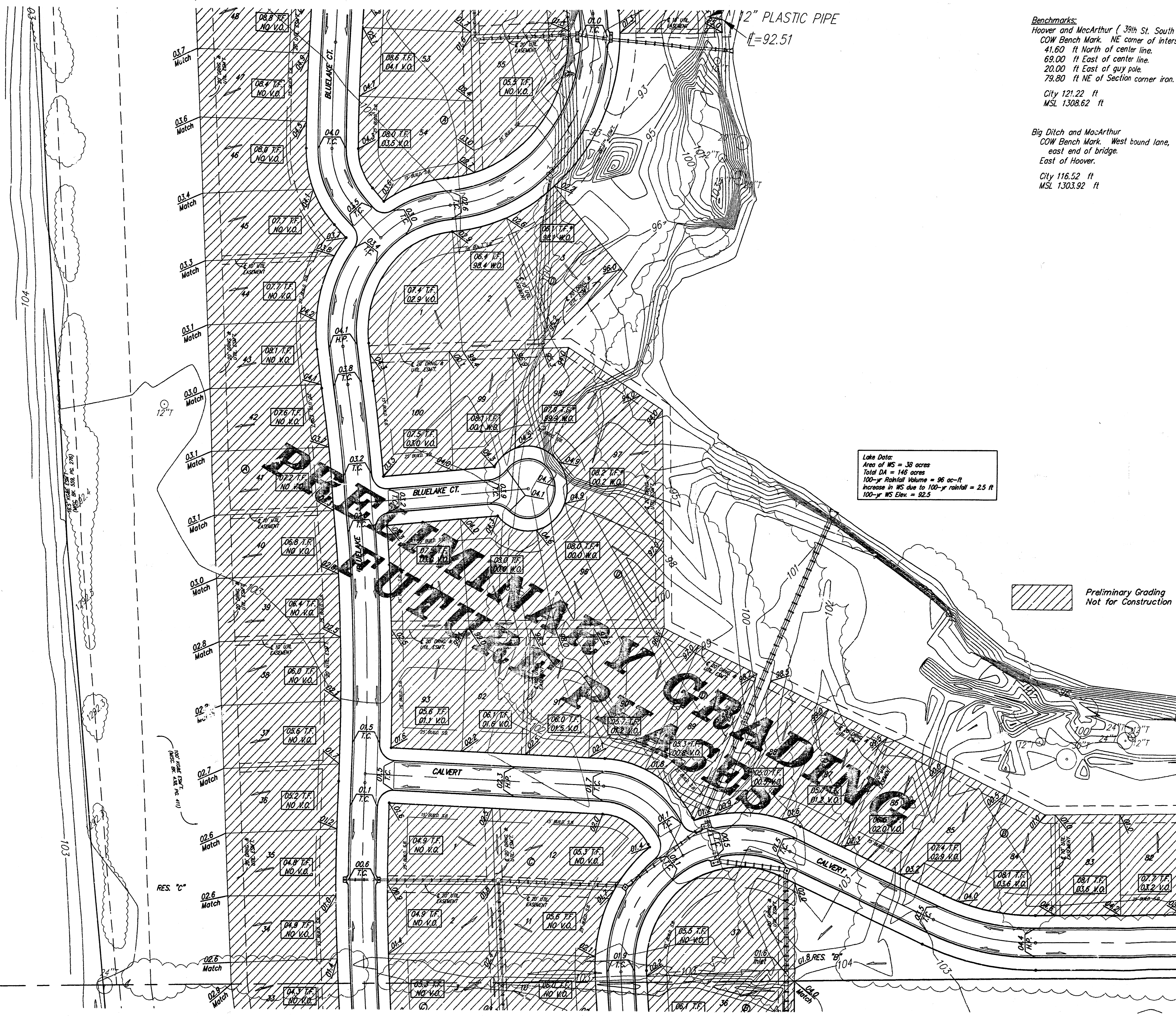
NO SCALE

**NOTES:**  
Proposed Top of Foundation Elevations Are Shown On Plans. Contractor to Set Finished Floor Elevations.  
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Lot dimensions have been omitted on this plan, refer to the recorded plat for this information.

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<b>BLUE LAKE ADDITION</b>			
<b>GRADING PLAN</b>			
WICHITA, KANSAS			
<b>BAUGHMAN COMPANY P.A.</b>			
ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			SHEET
DESIGN			4
DRAWN	APPROVED	DATE	SCALE
BLG	BLG	5-03-04	noted

pre-grading.org

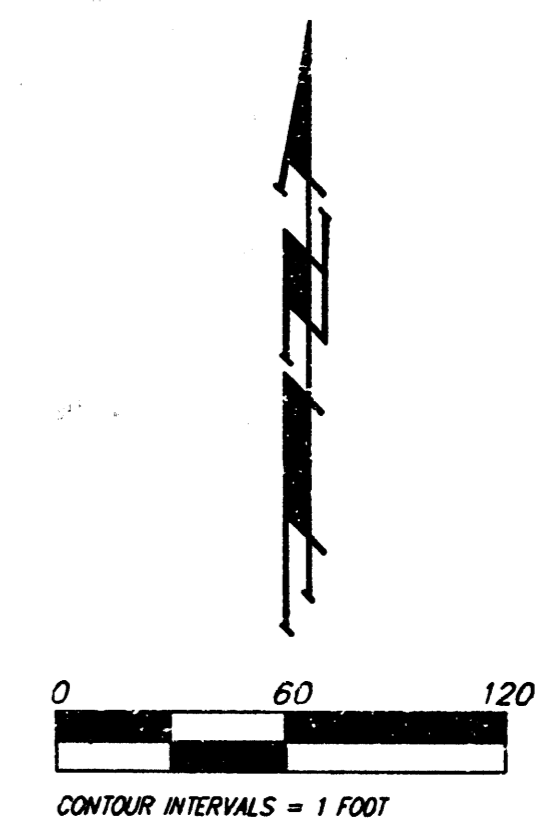


**Benchmarks:**  
 Hoover and MacArthur (39th St. South)  
 COW Bench Mark. NE corner of intersection.  
 41.60 ft North of center line.  
 69.00 ft East of center line.  
 20.00 ft East of guy pole.  
 79.80 ft NE of Section corner iron.

City 121.22 ft  
 MSL 1308.62 ft

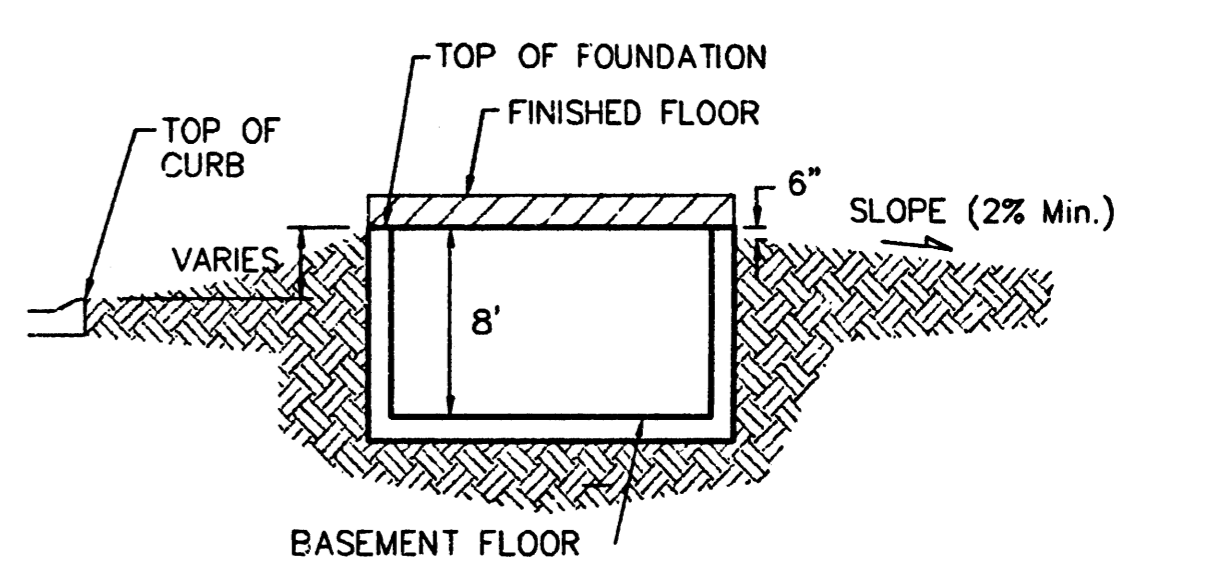
Big Ditch and MacArthur  
 COW Bench Mark. West bound lane,  
 east end of bridge.  
 East of Hoover.

City 116.52 ft  
 MSL 1303.92 ft

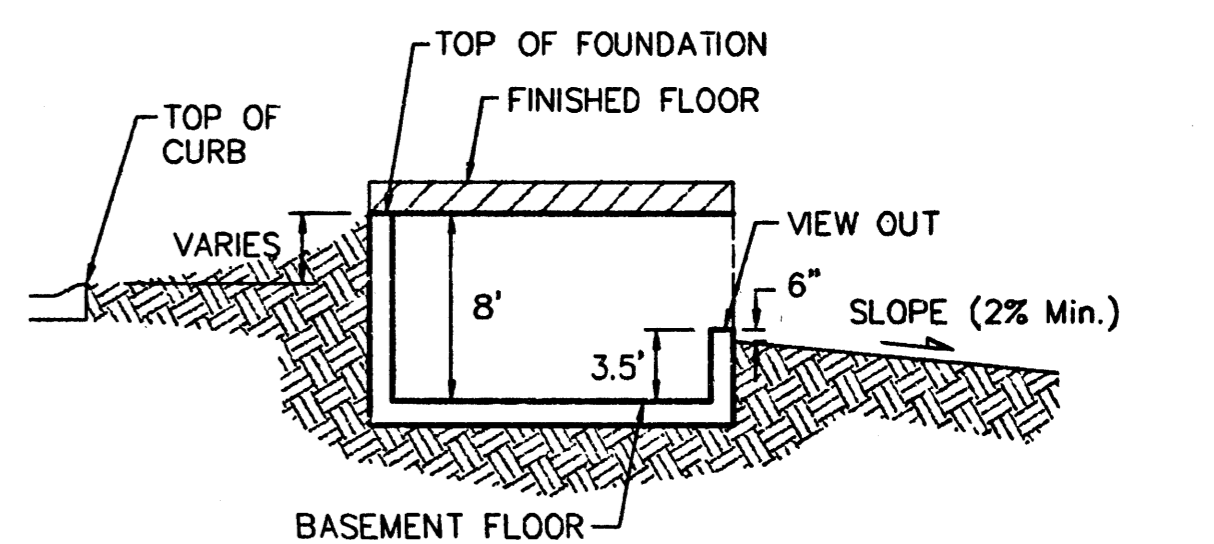


**Lake Data:**  
 Area of WS = 39 acres  
 Total DA = 146 acres  
 100-y Rainfall Volume = 96 ac-ft  
 Increase in WS due to 100-y rainfall = 2.5 ft  
 100-y WS Elev. = 92.5

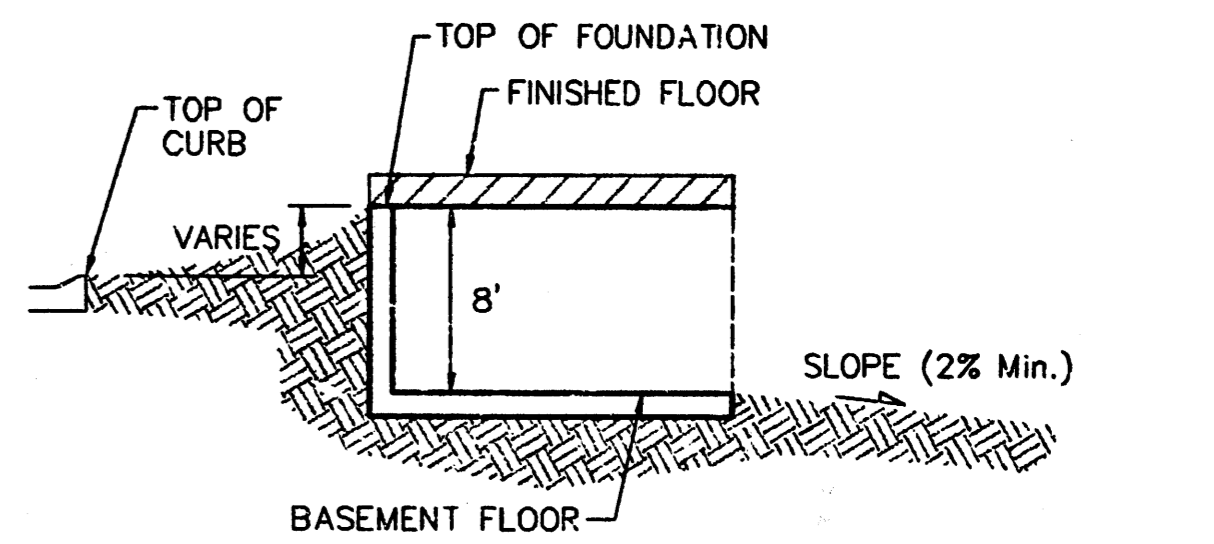
*[Hatched Area]* Preliminary Grading  
 Not for Construction



**TYPICAL NON-VIEW OUT DETAIL**  
 NO SCALE



**TYPICAL VIEW OUT DETAIL**  
 NO SCALE



**TYPICAL WALK OUT DETAIL**  
 NO SCALE

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

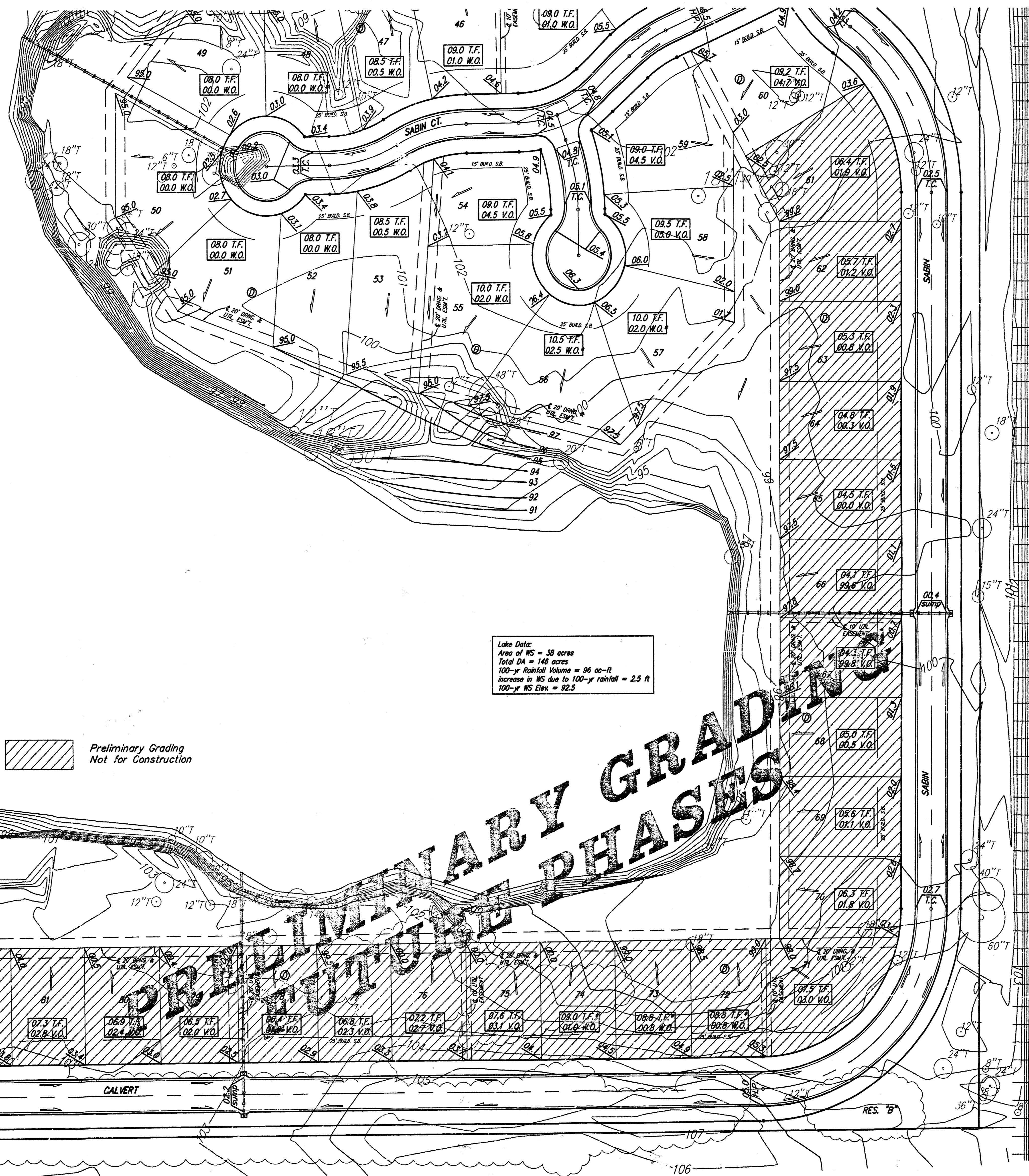
DESIGN BLG	DRAWN BLC	APPROVED	DATE 5-03-04
PROJECT NUMBER		SCALE noted	
SHEET 5			OF 8

p22\_grading.dwg

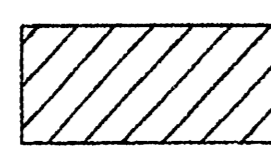
**Benchmarks:**  
 Hoover and MacArthur ( 39th St. South )  
 COW Bench Mark. NE corner of intersection.  
 41.60 ft North of center line.  
 69.00 ft East of center line.  
 20.00 ft East of guy pole.  
 79.80 ft NE of Section corner iron.  
 City 121.22 ft  
 MSL 1308.62 ft

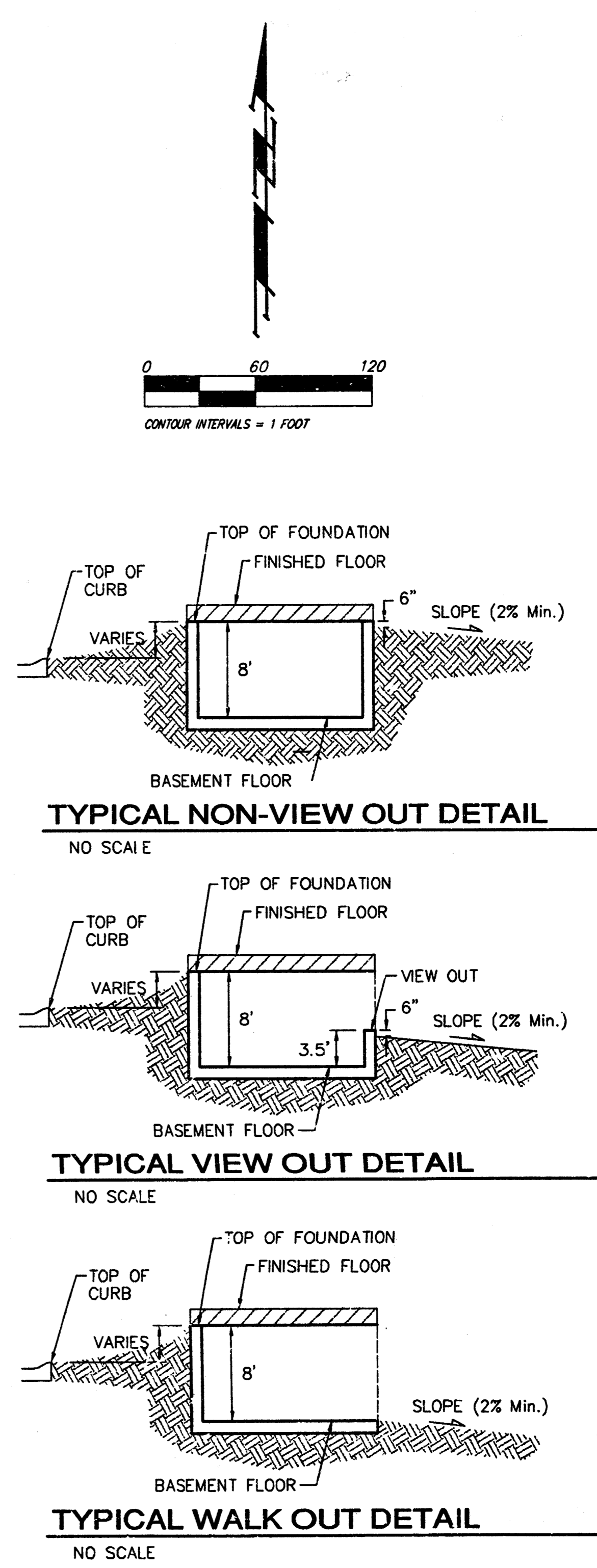
**Big Ditch and MacArthur**  
 COW Bench Mark. West bound lane,  
 east end of bridge.  
 East of Hoover.  
 City 116.52 ft  
 MSL 1303.92 ft

**Notes:**  
 res = 96 sq-ft  
 100-yr Rainfall = 2.5 ft  
 92.5



**Lake Data:**  
 Area of MS = 38 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

 Preliminary Grading  
 Not for Construction



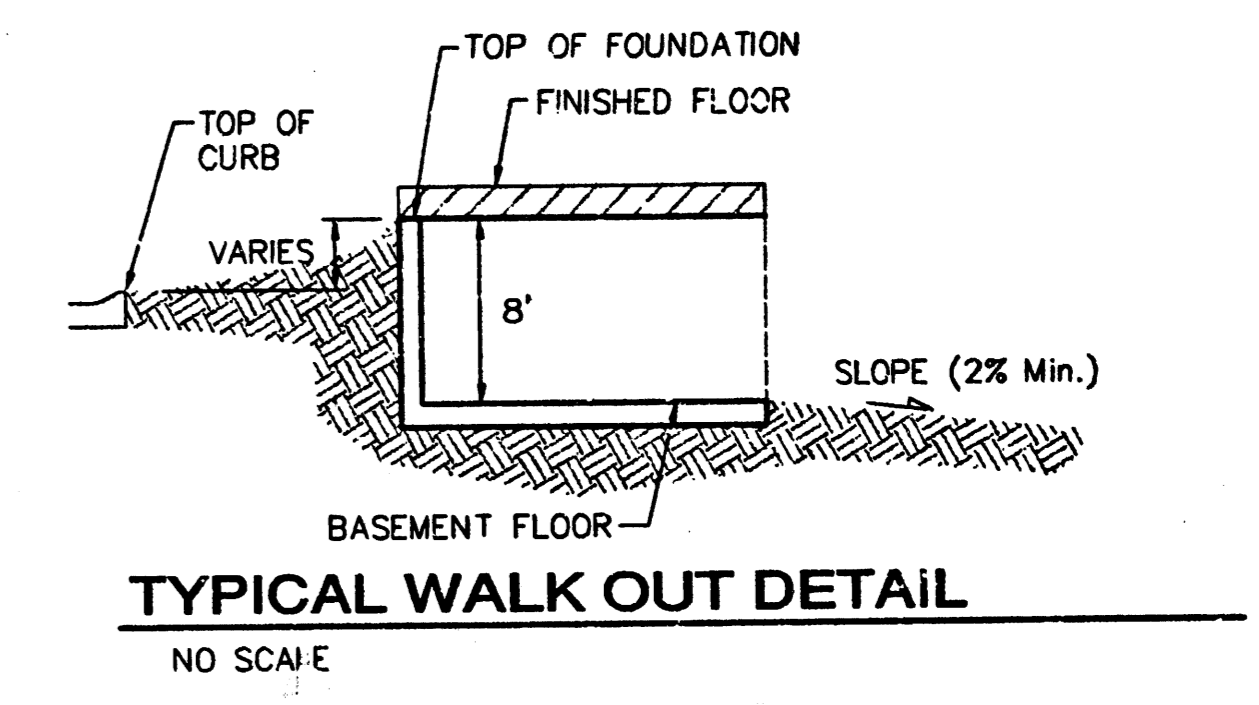
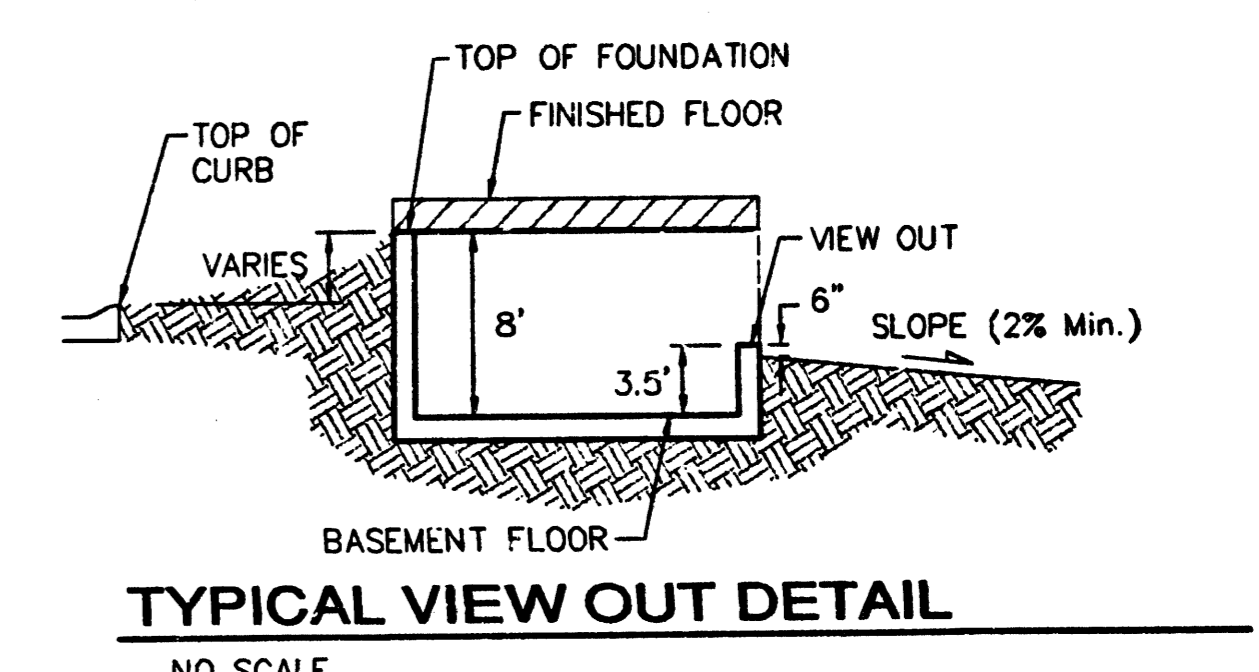
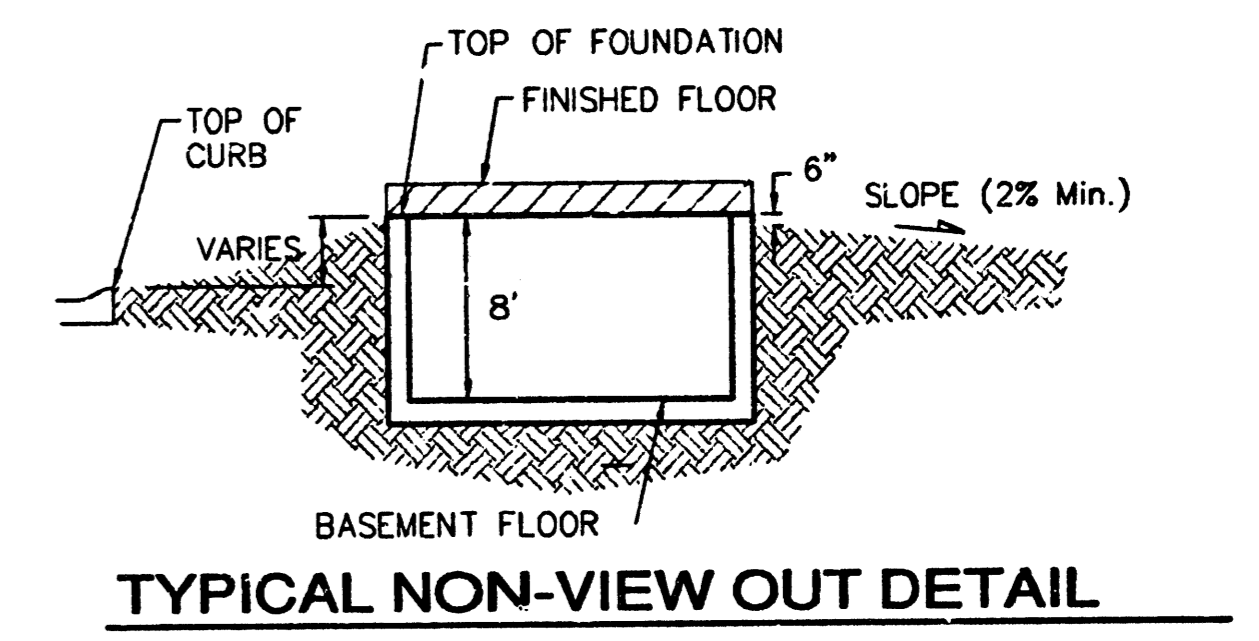
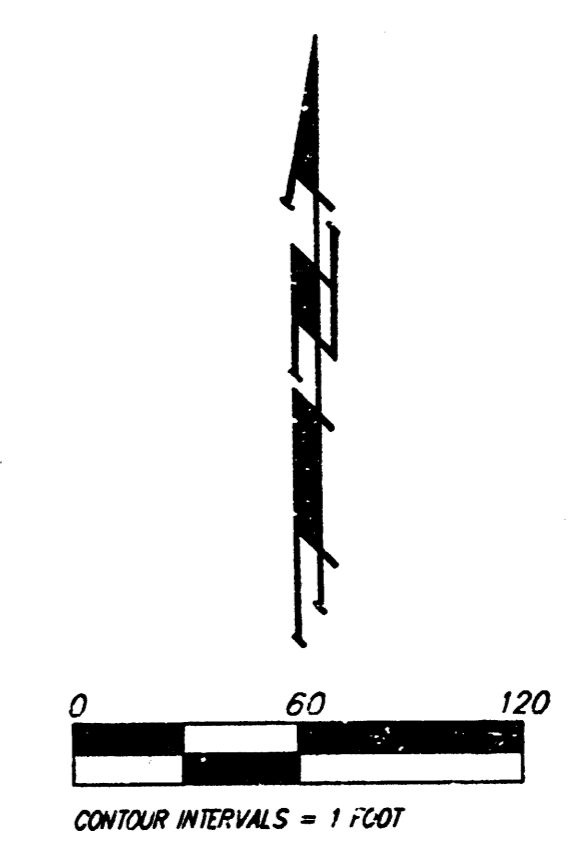
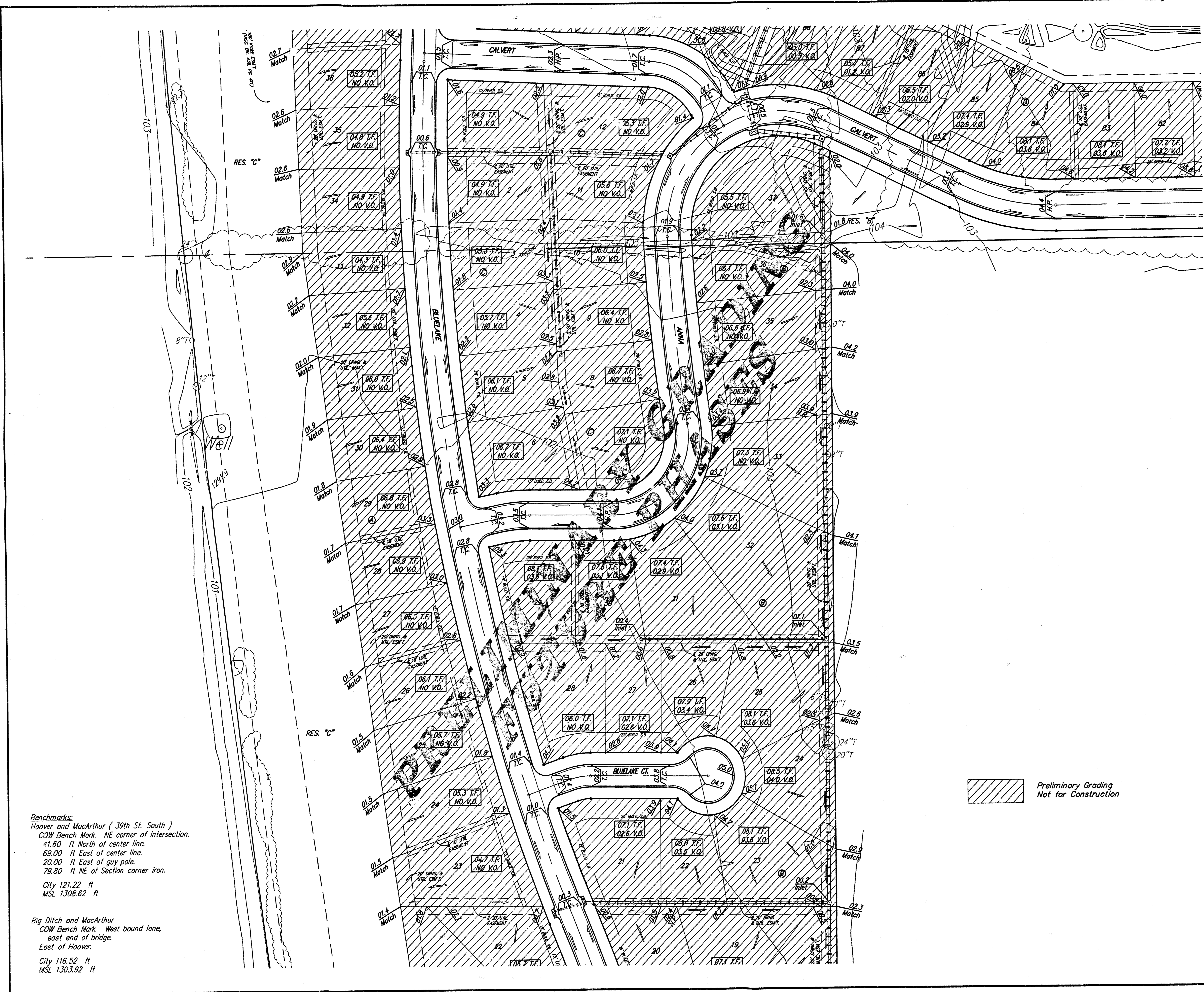
**NOTES:**  
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**BLUE LAKE ADDITION**  
**GRADING PLAN**  
 WICHITA, KANSAS

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

DESIGN BLG	DRAWN BLG	APPROVED	DATE 3-03-04
PROJECT NUMBER			SHEET <b>6</b> OF <b>9</b>
			SCALE noted

pre-grade.dwg



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

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

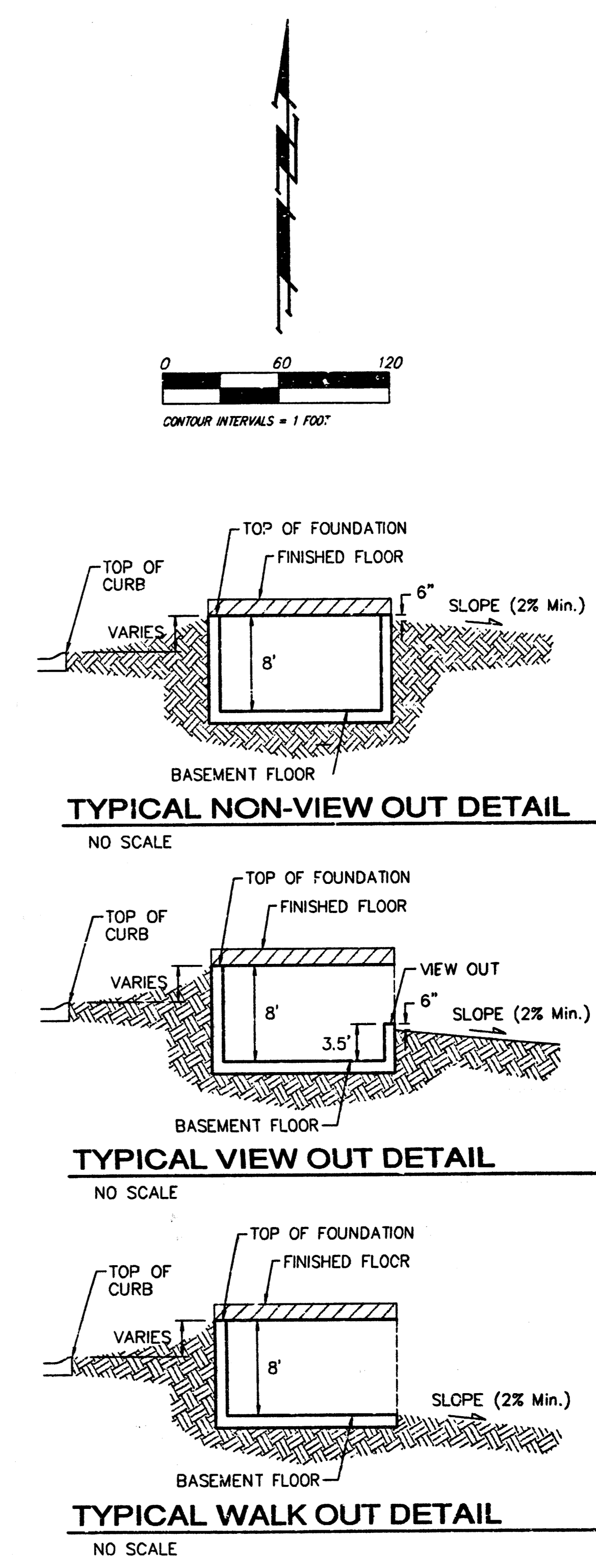
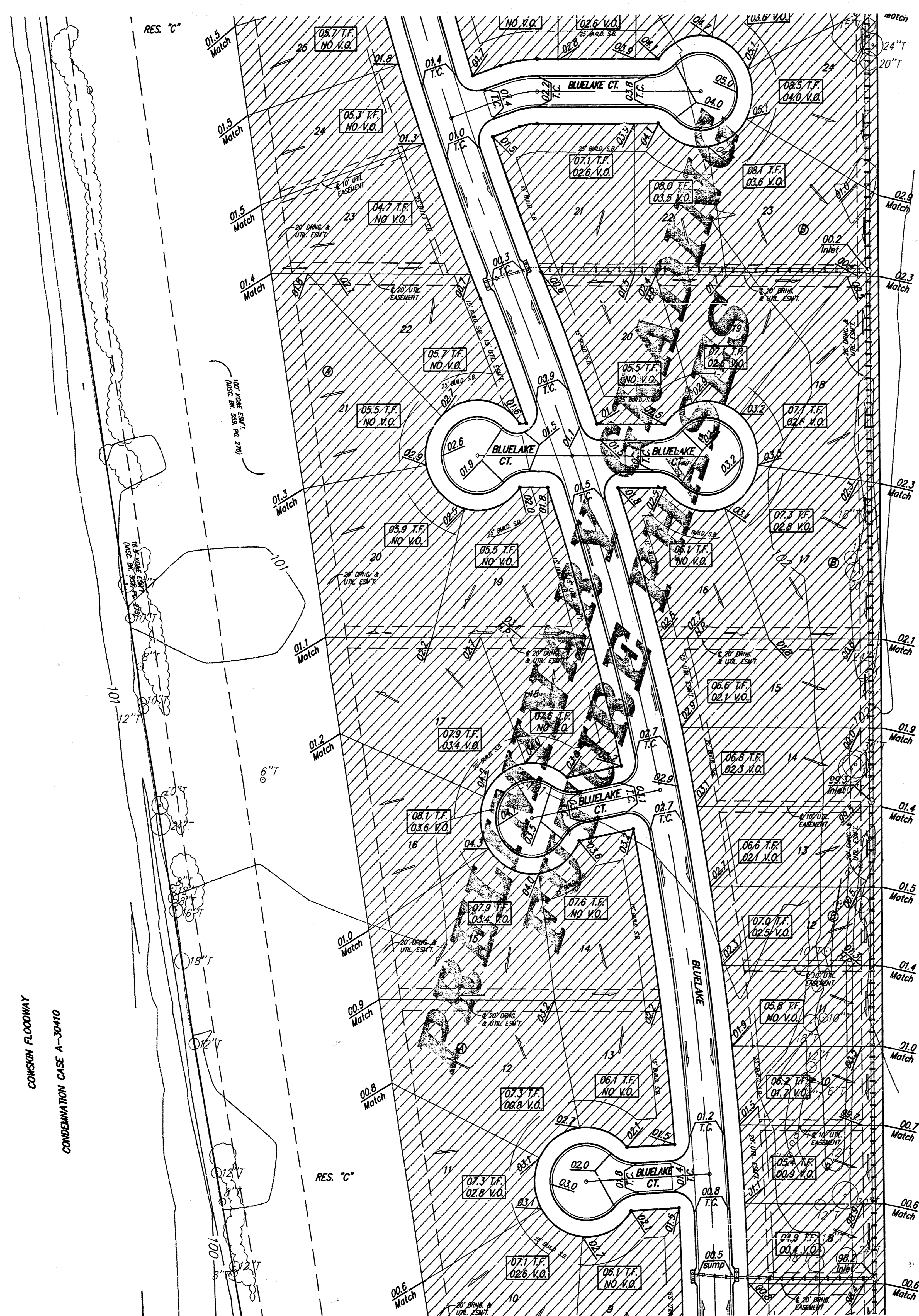
Big Ditch and MacArthur  
COW Bench Mark. West bound lane,  
east end of bridge.  
East of Hoover.  
City 116.52 ft  
MSL 1303.92 ft

<b>BLUE LAKE ADDITION</b>			
<b>GRADING PLAN</b>			
WICHITA, KANSAS			
<b>BAUGHMAN COMPANY P.A.</b>			
ENGINEERING, SURVEYING, & PLANNING			
315-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
DESIGN	DRAWN	APPROVED	DATE
BLG	BLG	BLG	5-03-04
			SCALE
			noted
			SHEET
			7
			OF
			9

**Benchmarks:**  
 Hoover and MacArthur (39th St. South)  
 COW Bench Mark, NE corner of intersection.  
 41.60 ft North of center line.  
 59.00 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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 This Grading Plan is Designed with View-Out and Walk-Out structures. Elevations for View-Outs are shown as XXX V.O. Elevations for Walk-Outs are shown as XXX W.O.  
 Lot dimensions have been omitted on this plan, refer to the recorded plat for this information.  
 Lots depicted as XXX 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.

Preliminary Grading Not for Construction

**BLUE LAKE ADDITION**  
**GRADING PLAN**  
 WICHITA, KANSAS

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

DESIGN BLG	DRAWN BLG	APPROVED	DATE 5-03-04	SCALE noted	PROJECT NUMBER	SHEET <b>8</b> OF <b>9</b>
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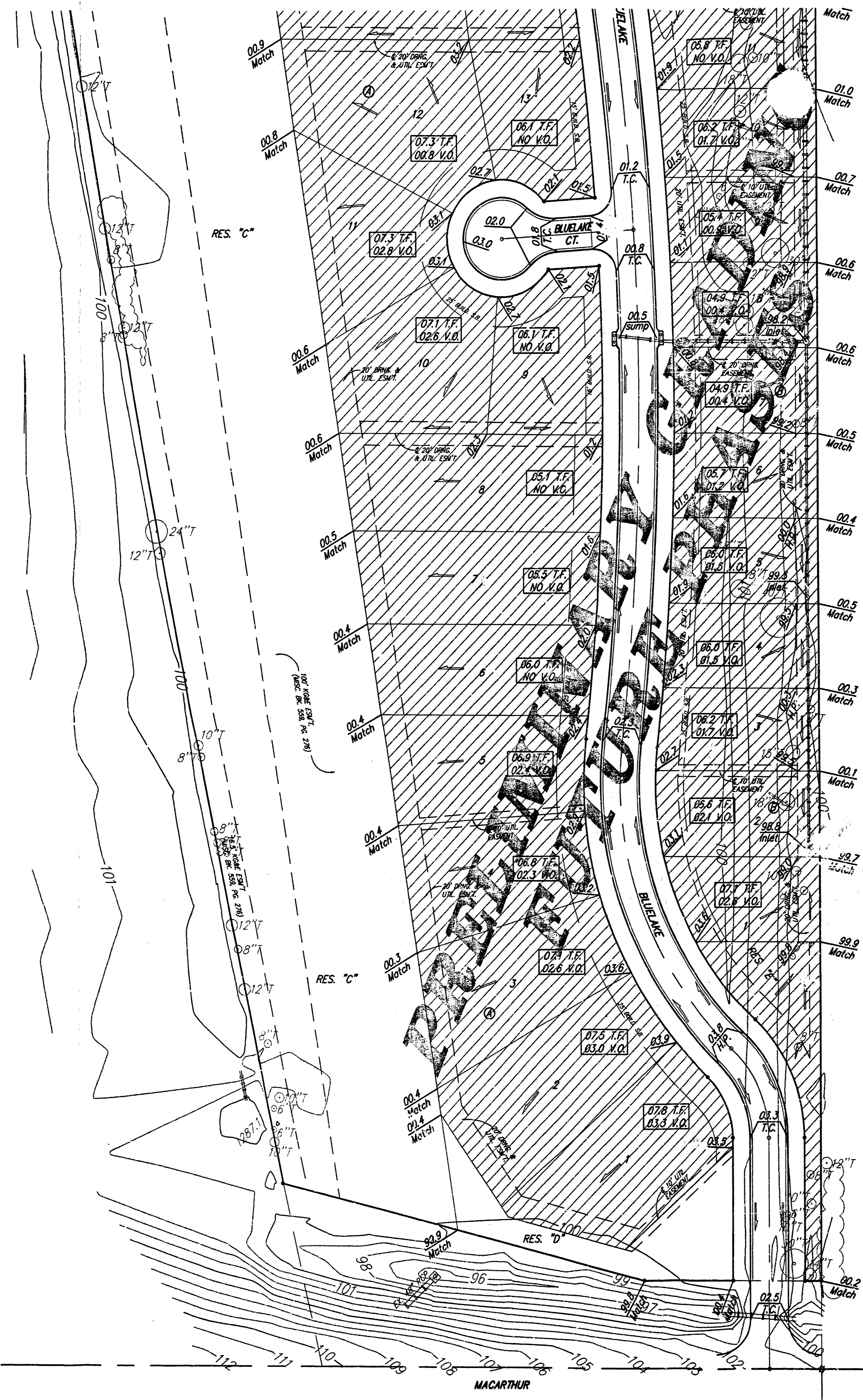
pre-grade.org

**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.

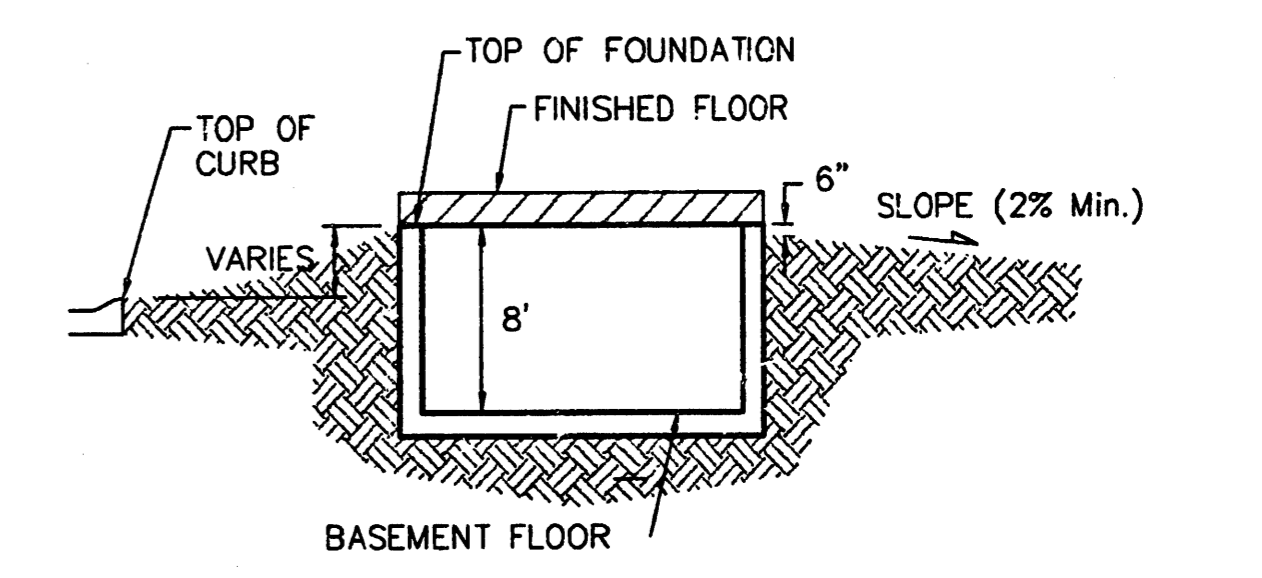
City 121.22 ft  
 MSL 1308.62 ft

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

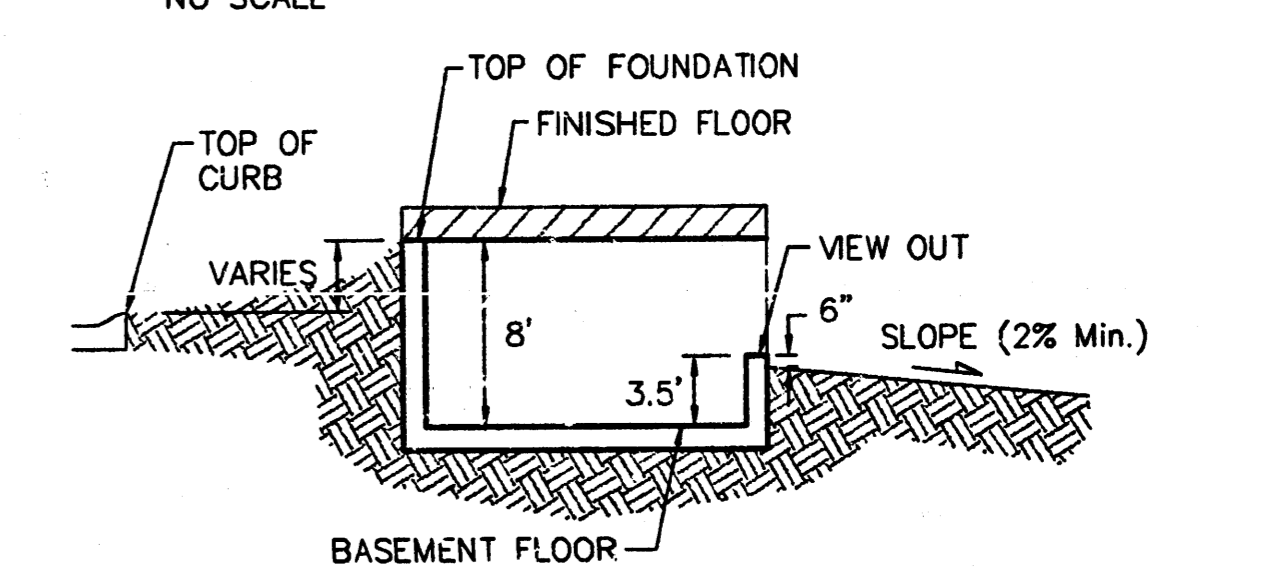
CONSIDER FLOODWAY  
 CONDEMNATION CASE A-30410



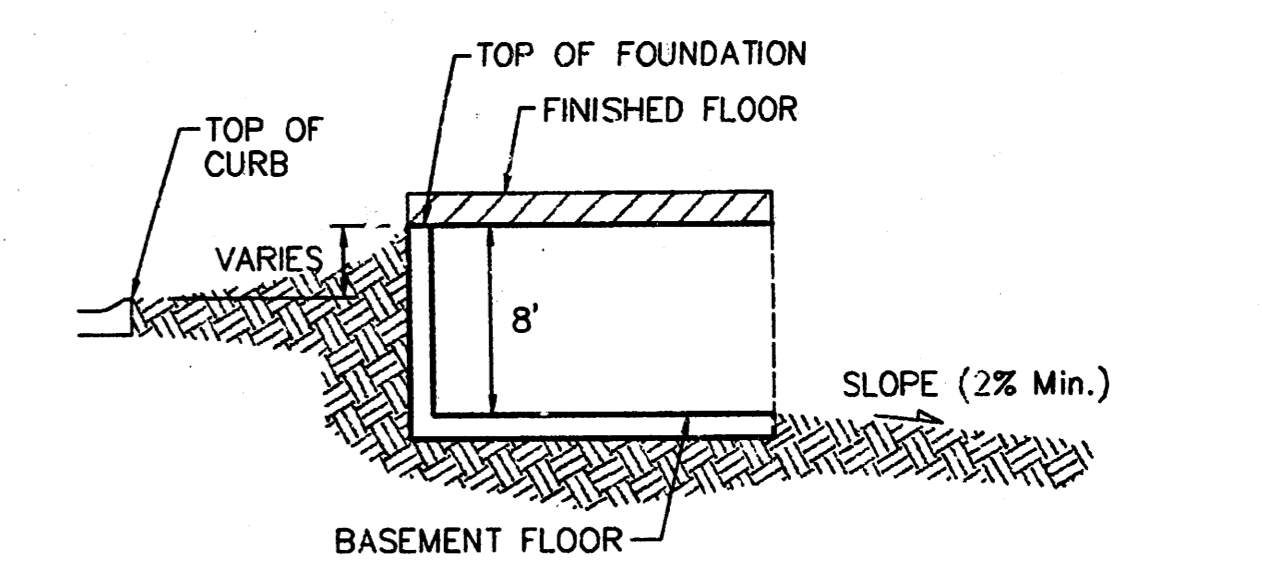
Preliminary Grading  
 Not for Construction



**TYPICAL NON-VIEW OUT DETAIL**  
 NO SCALE



**TYPICAL VIEW OUT DETAIL**  
 NO SCALE



**TYPICAL WALK OUT DETAIL**  
 NO SCALE

**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 XXX V.O. Elevations for Walk-Outs are shown as XXX W.O.  
 Lot dimensions have been omitted on this plan, refer to the recorded plat for this information.  
 Lots depicted as XXX 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.

BLUE LAKE ADDITION  
**GRADING PLAN**  
 WICHITA, KANSAS

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

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

pre\_grade.dwg