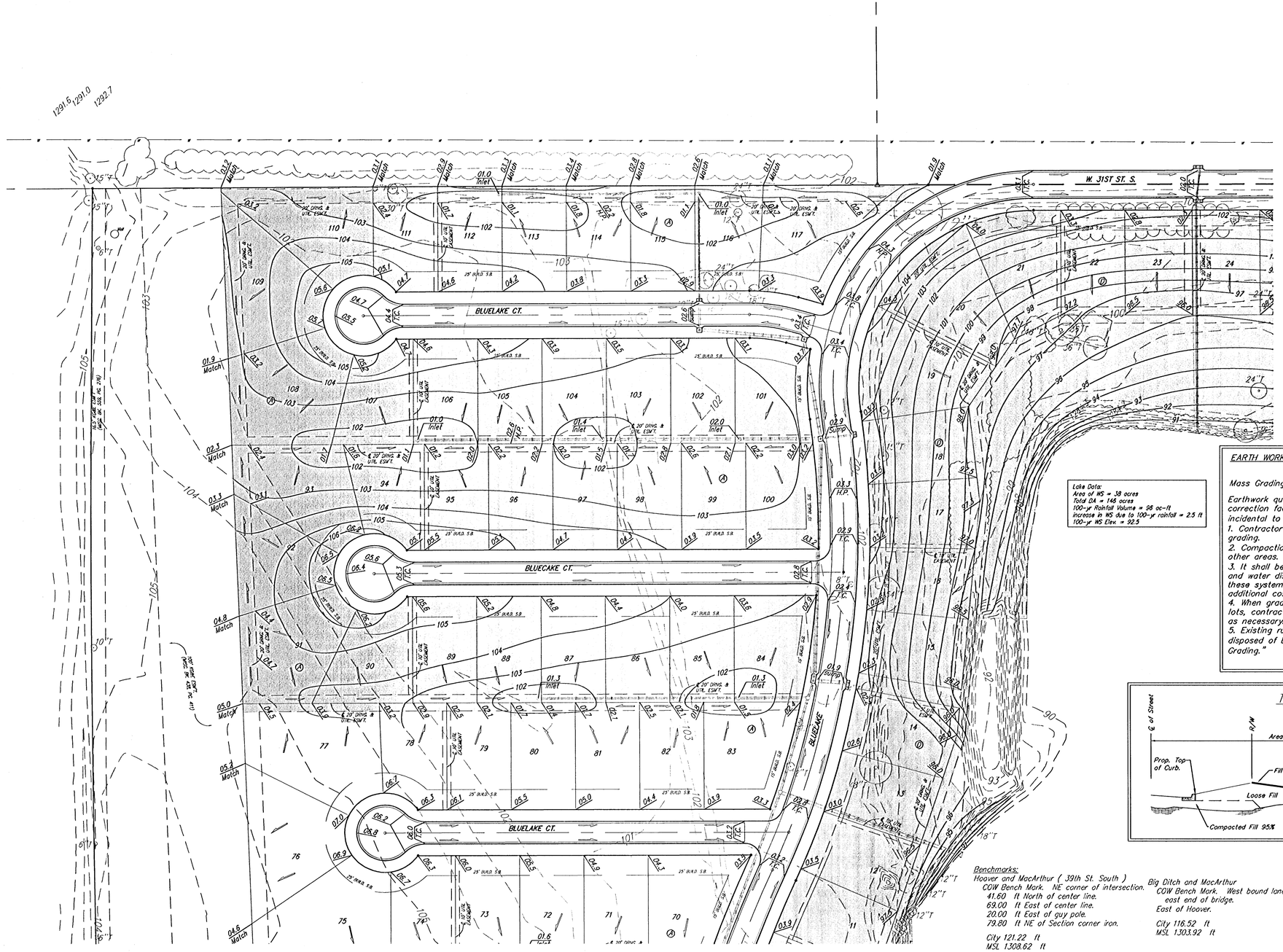


0 60 120

CONTOUR INTERVALS = 1 FOOT

Area to be graded

144 Existing Grade

144 Proposed Grade

Lake Data:
Area of WS = 38 acres
Total DA = 146 acres
100-yr Rainfall Volume = 98 ac-ft
Increase in WS due to 100-yr rainfall = 2.5 ft
100-yr WS Elev. = 92.5

EARTH WORK TOTALS

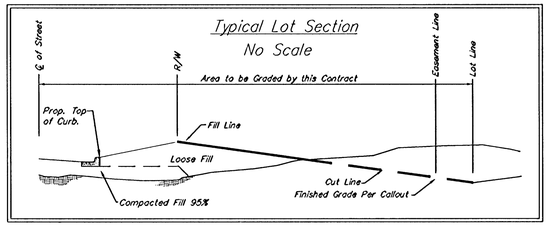
	C.Y. Excavation	C.Y. Fill
Mass Grading		

Earthwork quantities are for reference only. Quantities do not include correction factors. All cost associated with mass grading shall be incidental to lump sum bid item "Mass Grading".

1. Contractor to strip top 3" of soil within street R/W before mass grading.
2. Compaction of 95% shall be obtained in all street R/W's, 90% in all other 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. When grading between existing water surface and back side of lake lots, contractor shall preserve treed areas and grade around these areas as necessary.
5. Existing rubble encountered on-site during mass grading shall be disposed of by the contractor and included in the bid item "Mass Grading."

Typical Lot Section

No Scale



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

BLUE LAKE ADDITION

MASS GRADING

WICHITA, KANSAS

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

PROJECT NUMBER 472-84074

SHEET 40 OF 75

DESIGN	DRAWN	APPROVED	DATE	SCALE
BLG	BLG			

pro_grading