

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

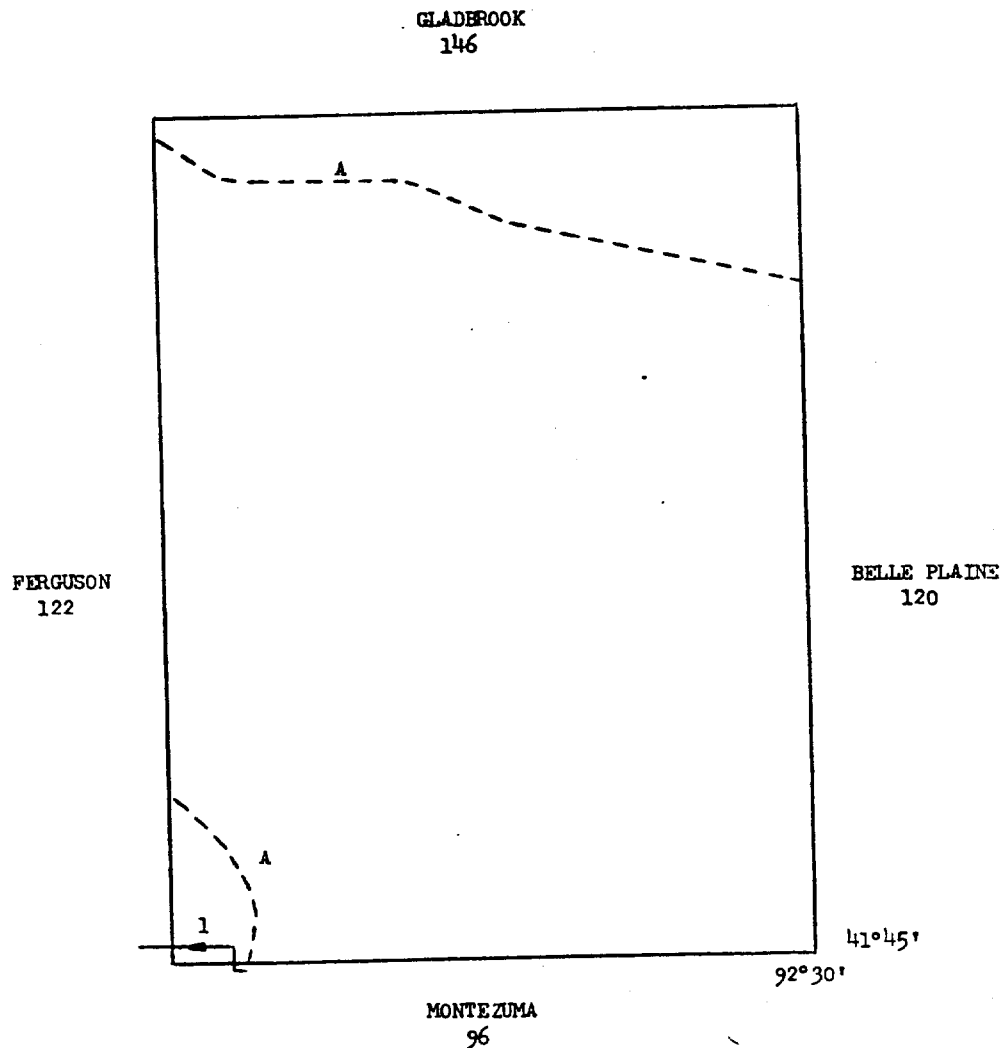
41-092-41
TAMA QUADRANGLE
121 - IOWA
N4115-W9230/15
DIAGRAM NK 15-8
DES MOINES

Final adjustment of 1976

Poweshiek, Tama Counties

Edition of: 4/8/76

PR: ADP/lcb/HM



N.G.S. (USC&GS) VERTICAL CONTROL DATA

Quadrangle No. 410924

1210

LINE 1

FEET

C.D. Lien, 1975, Book CV-3242

MONTEZUMA QUAD. - 96

- 2 2 0.0 BM, at Grinnell, Poweshiek County, at Grinnell College at the front entrance to Goodnow Hall building, in the NE. corner of the limestone porch floor, a standard disk stamped, "Z 87 1934" 1025.077
- 2 0.7 UE 87 A, 0.7 mi NW. of tablet, T. 80 N., R. 16 W., near the quarter corner between secs. 8 and 9, at the junction of Hwy. 146 and 11th Avenue in Grinnell, a copper nail and washer in centerline of crossroads 1019.4
- 5 1.7 UE 87 B, 0.7 mi NW. and 1 mi W. along road from tablet, T. 80 N., R. 16 W., near the quarter corner between secs. 7 and 8, 48 ft S., 33 ft W. and 1.3 ft lower than crossroads, 5 ft N. of the centerline of a wire gate and 8 ft S. of the NE. corner of a wire mesh fence around a natural gas pumping station, a chiseled square on a concrete footing 1021.94

FERGUSON QUAD. - 122

- 7 2.7 UE 87 C, 0.7 mi NW. and 2 mi W. along road from tablet, T. 80 N., R. 16 and 17 W., near the quarter corner between secs. 7 and 12, 52.5 ft N. and 52.5 ft E. of and 0.9 ft lower than centerline of road at a T-rd. N. and 0.4 ft SW. of a right-of-way fence on top of a concrete right-of-way marker which projects about 1 ft above ground 991.17
- 9 3.1 Reference mark, 27.7 ft S., 13.3 ft W. of centerline road at a field entrance S. and 7 ft N., 24 ft W. of tablet, a chiseled square on a large rock 904.12
- 10 3.1 Kellogg, 2.5 mi N., 6.7 mi E. of, T. 80 N., R. 17 W., near the E. sixteenth cor. of section 12, 34.7 ft S., 10.7 ft E. of centerline of road at a field entrance S., 1.2 ft N. of a fence line, 3 ft E. of a fence post and witness sign and 380 ft E. of centerline of a bridge over Sugar Creek set on top of a half-inch copper coated steel rod which is enclosed by a 6-in. tile, a standard tablet stamped, "8CDL 1975" 904.595