GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
CLAY COUNTY, IOWA

DESIGNATION 963618 4 GPS No. 7088 COUNTY CLAY STATE IOWA

LOCATED IN SECTION 18 TWP 96 N RGE 36 W USGS QUAD MAP SPENCER

TO REACH FROM THE U.S. HIGHWAY 71 / U.S. HIGHWAY 18 - GRAND AVENUE BRIDGE OVER THE LITTLE SIOUX RIVER; GO NORTH 0.15 MILE TO 1ST STREET; THEN WEST 0.3 MILE TO 4TH AVENUE WEST; THEN SOUTH TO THE "CLAY COUNTY MAINTENANCE YARD" AND MARK, IN SPENCER.

MARK 3-1/4" ALUMINUM DISK SET IN POURED-IN-PLACE CONCRETE MONUMENT WITH 10" PVC COLLAR

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY

☒ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE OCTOBER 1997

HORIZONTAL VALUES ORIGINATED ON ORDER "B" IOWA HIGH ACCURACY REFERENCE NETWORK (HARN) CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND BASED ON THE NORTH AMERICAN DATUM OF 1983, 1996 ADJUSTMENT.

IOWA COORDINATE SYSTEM, NORTH ZONE

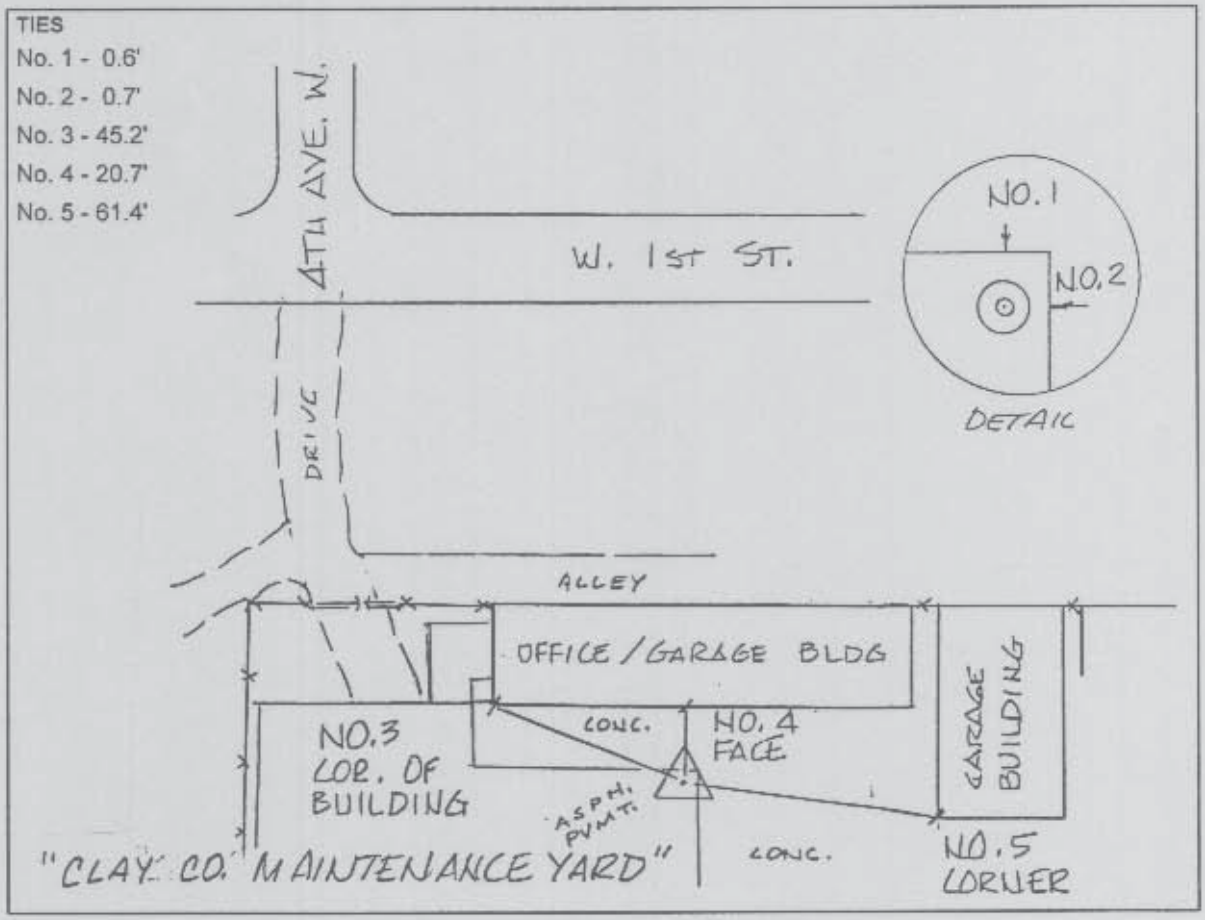
SCALE FACTOR: 0.99997900

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3881992.257	NORTHING (Y)	1183233.606
EASTING (X)	4480827.413	EASTING (X)	1365758.927

VERTICAL VALUES ORIGINATED ON VERTICAL CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND / OR THE U.S. GEOLOGICAL SURVEY AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

ELEVATION (US FEET) 1314.39 ELEVATION (METERS) 400.627

TIES
No. 1 - 0.6'
No. 2 - 0.7'
No. 3 - 45.2'
No. 4 - 20.7'
No. 5 - 61.4'



SECTION

SKETCH
BY DSW

DENI 9709001