## **GPS SURVEY MARK DESCRIPTION**

GIS MAPPING BY: THE SIDWELL COMPANY WEST CHICAGO, ILLINOIS

THE OFFICE OF THE COUNTY ENGINEER APPANOOSE COUNTY, IOWA

LOCATED IN SECTION 18 TWP 67 N RGE 19 W USGS QUAD MAP LAKE THUNDERHEAD TO REACH FROM  AT THE INTERSECTION OF 610th STREET AND 100th AVENUE, IN THE GRASS MEDIAN TRIANGLE.  MARK  3-1/4" ALLUMINUM DISK SET IN 10" DIAMETER POURED-IN-PLACE CONCRETE MONUMENT  MARK EXISTING VALUES AS PUBLISHED BY  MARK SET VALUES ESTABLISHED BY  DENI ASSOCIATES, INC. DATE 1998 HORIZONTAL VALUES ORIGINATED ON ORDER "B" IOWA HIGH ACCURACY REFERENCE NETWORK (HARN) CONTROL ES LISHED BY THE NATIONAL GEODETIC SURVEY AND BASED ON THE NORTH AMERICAN DATUM OF 1983, 1996 ADJUSTMEN (DOWN COORDINATES (US FEET)  COORDINATES (US FEET)  COORDINATES (US FEET)  NORTHING (Y)  218808.28  NORTHING (Y)  218808.28  NORTHING (Y)  66083.294  EASTING (X)  1752272.44  EASTING (X)  534093.707  VERTICAL VALUES ORIGINATED ON VERTICAL CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND THE US GEOLOGICAL SURVEY AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988  ELEVATION (US FEET)  1047.79  ELEVATION (METERS)  319.37  TIES  NO 1 - 22'  NO 2 - 18 5'  NO 3 - 2 6'  NO 4 - 7'  NO 5 - 27 5'  NO 5 - 27 5'  SECTI	DESIGNATION	67191	18 3	_GPS No.	8066	_ COUNTY _	APPANOO:	SESTATE_	IOWA
AT THE INTERSECTION OF 610th STREET AND 100th AVENUE, IN THE GRASS MEDIAN TRIANGLE.  MARK  3-1/4" ALUMINUM DISK SET IN 10" DIAMETER POURED-IN-PLACE CONCRETE MONUMENT  MARK EXISTING VALUES AS PUBLISHED BY  MARK SET VALUES GRIGINATED DO ORDER "B" IOWA HIGH ACCURACY REFERENCE NETWORK (HARN) CONTROL ES LISHED BY THE NATIONAL GEODETIC SURVEY AND BASED ON THE NORTH AMERICAN DATUM OF 1983, 1996 ADJUSTME! IOWA COORDINATES (YSTEM, SOUTH ZONE SCALE FACTOR: 1.00000401  COORDINATES (US FEET) COORDINATES (METERS)  NORTHING (Y) 216808.28 NORTHING (Y) 66083.294  EASTING (X) 1752272.44 EASTING (X) 534093.707  VERTICAL VALUES ORIGINATED ON VERTICAL CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND THE U.S. GEOLOGICAL SURVEY AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.  ELEVATION (US FEET) 1047.79 ELEVATION (METERS) 319.37	LOCATED IN SECTION	<u>18</u> T	WP 67 N	RGE _	19 W	USGS QUAD	MAP	LAKE THUNDE	ERHEAD
MARK 3-1/4" ALUMINUM DISK SET IN 10" DIAMETER POURED-IN-PLACE CONCRETE MONUMENT    MARK EXISTING   VALUES AS PUBLISHED BY   DENI ASSOCIATES, INC.   DATE   1998	TO REACH FROM	_							
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