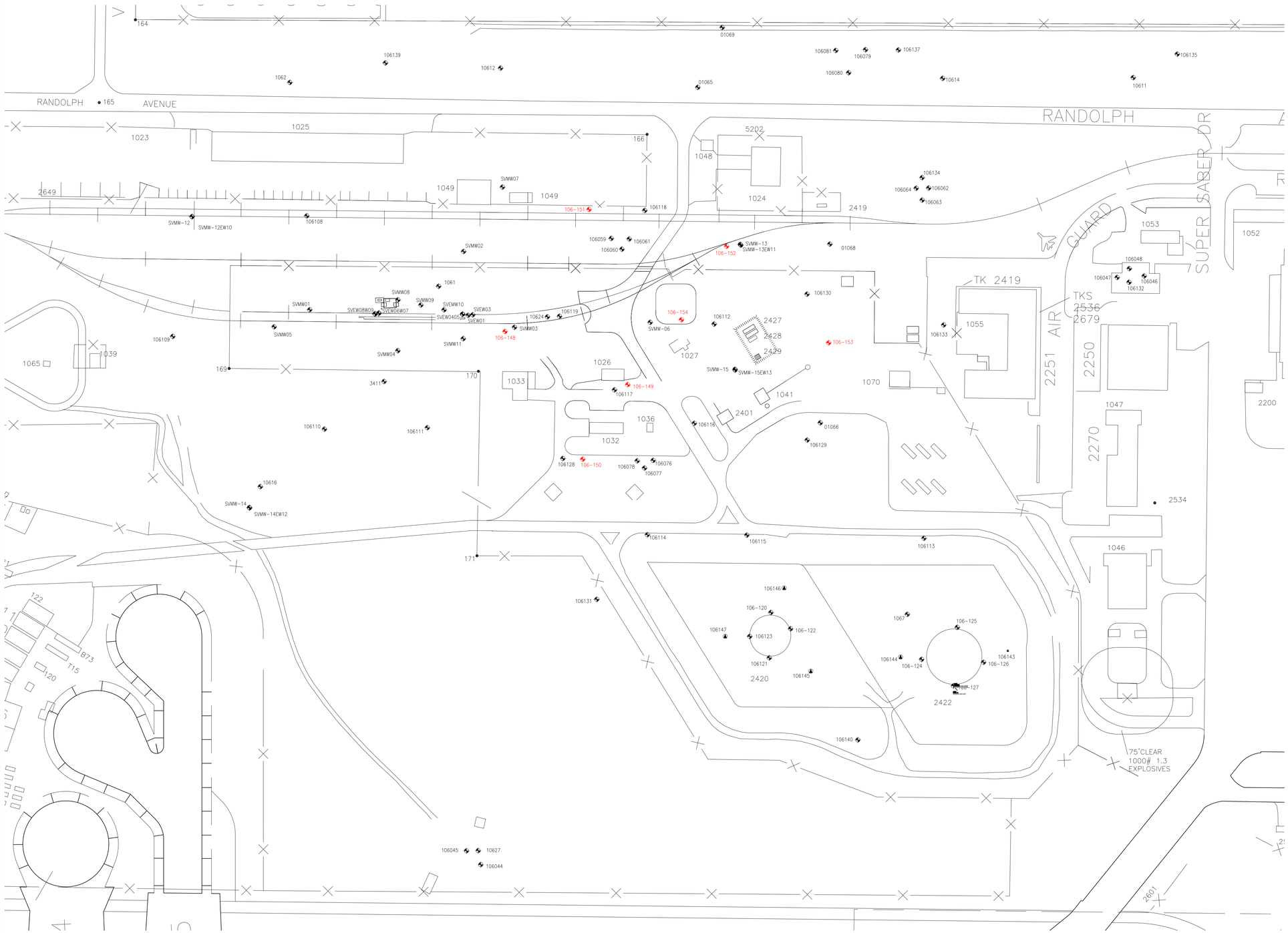
SURVEY OF

MONITORING WELLS & OTHER POINTS
BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE

BERNALILLO COUNTY, NEW MEXICO

OCTOBER 2011



LEGEND

- CONTROL POINT
- PREVIOUSLY SURVEYED MONITORING WELLS
- PREVIOUSLY SURVEYED SSB GROUND LOCATIONS
- SITE IMPROVEMENT POINTS
- NEWLY SURVEYED MONITORING WELLS (OCOTBER 27, 2011)

NOTES

1. GRID COORDINATES ARE NAD 83 DATUM VALUES BASED ON NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE. BASIS OF COORDINATES ARE PUBLISHED VALUES OF NATIONAL GEODETIC SURVEY (NGS) CONTROL STATION "HANGAR" AND BEARING N84°36'13"E BETWEEN NGS CONTROL STATION "HANGAR" AND NGS CONTROL STATION "1 M18". PROJECT CONVERSION FACTORS ARE GRID-TO-GROUND=1.000343197744 AND GROUND-TO-GRID=0.99965692.
2. ELEVATIONS ARE NAVD 88 DATUM VALUES BASED ON NGS CONTROL STATION "HANGAR", ELEVATION = 5,343.43 FEET. GPS/RTK METHODS AND GEOID99 MODEL WERE USED TO DETERMINE ELEVATIONS OF ALL SURVEYED POINTS.
3. DRAWING COORDINATES ARE GRID.
4. POINTS SHOWN IN RED COLOR WERE ADDED TO THE DRAWING ON OCTOBER 27, 2011.

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