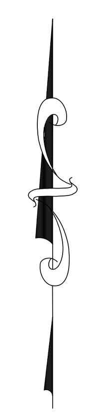
SURVEY OF
MONITORING WELLS & OTHER POINTS
BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER 2012



SCALE: 1" = 400'

400 200 0 400

GRID COORDINATES

POINTS SURVEYED 10/16/2012

Pnt.#	Northing	Easting	Elevation	Description
1804	1479143.6740	1546598.1310	5354.74	KAFB-106-203-NG
1805	1479141.9480	1546597.9120	5355.32	KAFB-106-203-CONC
1806	1479141.7930	1546597.9520	5357.89	KAFB-106-203-CASING
1807	1479141.7010	1546597.9280	5357.15	KAFB-106-203-PVC
1808	1479102.1530	1546604.2460	5355.30	KAFB-106-202-NG
1809	1479100.4620	1546603.8950	5355.65	KAFB-106-202-CONC
1810	1479100.4180	1546603.7570	5358.13	KAFB-106-202-CASING
1811	1479100.2810	1546603.6840	5357.53	KAFB-106-202-PVC
1812	1479107.0010	1546565.1140	5354.59	KAFB-106-201-NG
1813	1479105.2390	1546564.6500	5355.10	KAFB-106-201-CONC
1814	1479105.2430	1546564.5040	5357.34	KAFB-106-201-CASING
1815	1479105.1840	1546564.3540	5356.64	KAFB-106-201-PVC

CONTROL POINTS – GRID COORDINATES

Pnt. #	Northing	Easting	Elevation	Description
50	1,475,270.2930	1,543,374.4990	5,340.01	NGS "1 M18"
54	1,474,877.0508	1,539,212.2957	5,343.43	NGS "HANGAR"
58	1,476,630.470	1,544,945.855	5,337.43	ABQ "G_2"
59	1,477,823.564	1,545,068.181	5,339.76	ABQ "2_L19"
60	1,480,200.281	1,534,391.165	5,319.34	ABQ "14_L17"

SITE IMPROVEMENT POINTS – GRID COORDINATES

Pnt. #	Northing	Easting	Elevation	Description
164	1,474,140.8663	1,540,724.6404	5,340.93	FENCE CORNER
165	1,473,967.3838	1,540,648.8633	5,339.58	C/L
166	1,473,900.6256	1,541,795.8389		WALL
167	1,473,921.5920	1,540,164.0462		WALL
168	1,473,973.6081	1,540,130.8502	5,336.76	C/L
169	1,473,410.5513	1,540,920.5417	5,340.00	FENCE CORNER
170	1,473,404.5736	1,541,442.9133	5,343.64	FENCE CORNER
171	1,473,018.5802	1,541,439.3161	5,343.47	FENCE CORNER
172	1,474,266.0034	1,540,577.1668		BLDG. 1190 CORNER
173	1,474,265.6649	1,540,627.3783		BLDG. 1190 CORNER

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 16, 2012.

LEGEND

- △ CONTROL POINT
- PREVIOUSLY SURVEYED MONITORING WELLS
- PREVIOUSLY SURVEYED SSB GROUND LOCATIONS
- PREVIOUSLY SURVEYED DP GROUND LOCATIONS
- SITE IMPROVEMENT POINTS
- NEWLY SURVEYED DP GROUND LOCATIONS (OCTOBER, 2012)

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO NO. 4078 FRED SANCHEZ

FRED SANCHEZ, NMPS NO. 4078

OCTOBER 16, 2012
DATE

SHEET 1 OF 2
26033MW-10-16-2012

Plat & Survey By:
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