

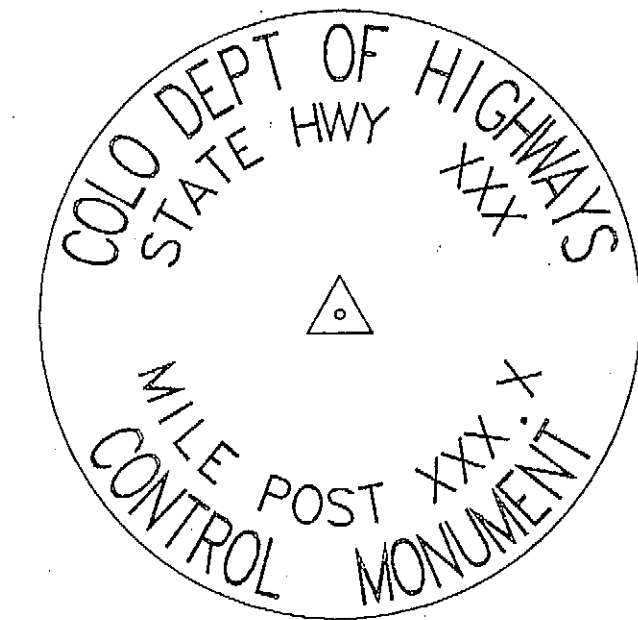
# ARAPAHOE COUNTY

## VERTICAL CONTROL

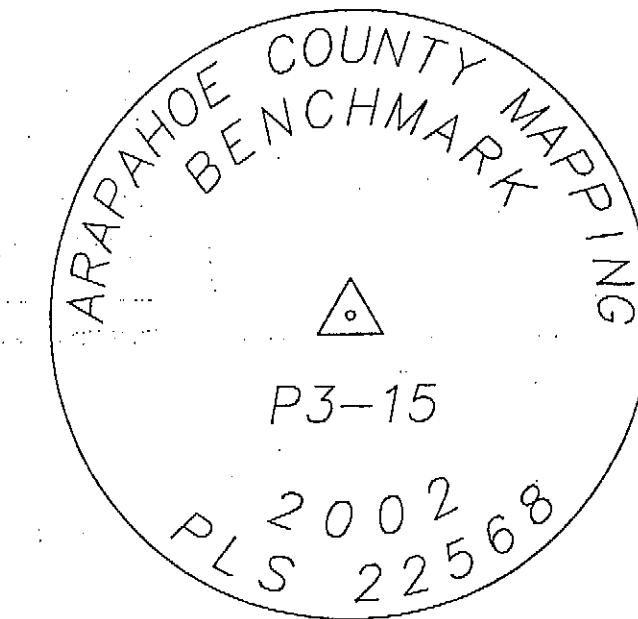
### PHASE 3

POINT-ID	Latitude	Longitude	Orthometric Height (m)	Orthometric Height (ft)	Adjusted Geopotential (GPU)	Gravity (kgal)	Monument Description	Monument Type	Location
P3-01	39 44 18	104 26 36	1683.960	5524.79	1649.77647	0.9796292	CDOT 3.8	TYPE 2	AT I-70 MILEPOST 303.8 ON THE SOUTH OF I-70 & NORTH OF THE FRONTAGE RD CAP IS STAMPED 3.8
P3-02	39 44 18	104 26 04	1684.706	5527.24	1650.50630	0.9796284	CDOT 304.2	TYPE 2	AT I-70 MILEPOST 304.2 ON THE SOUTH OF I-70 & NORTH OF THE FRONTAGE RD CAP IS STAMPED 304.2
P3-03	39 44 17	104 25 26	1669.370	5476.93	1635.48117	0.9796288	CDOT 304.8	TYPE 2	AT I-70 MILEPOST 304.8 IN THE I-70 MEDIAN ON THE EAST SIDE OF A TURN AROUND CAP IS STAMPED 304.8
P3-04	39 44 17	104 24 55	1670.245	5479.80	1636.33891	0.9796291	APC BM P3-04	TYPE 2	AT I-70 MILEPOST 305.25 ON THE SOUTH SIDE OF I-70 NORTH OF THE RAMP.
P3-05	39 44 14	104 24 19	1682.215	5519.07	1648.06670	0.9796291	CDOT 5.8	TYPE 2	AT I-70 MILEPOST 305.9 ON THE SOUTH SIDE OF I-70 CAP IS STAMPED 5.9
P3-06	39 44 08	104 23 46	1694.587	5559.66	1660.18839	0.9796293	APC BM P3-06	TYPE 2	AT I-70 MILEPOST 306.4 ON THE SOUTH SIDE OF I-70 <del>AT FENCE COR.</del>
P3-07	39 44 03	104 23 17	1674.917	5495.12	1640.92246	0.9796328	CDOT 6.8	TYPE 2	AT I-70 MILEPOST 306.8 ON THE SOUTH SIDE OF I-70 CAP IS STAMPED 6.8
P3-08	39 43 57	104 22 30	1656.619	5435.09	1623.00144	0.9796371	CDOT 7.4	TYPE 2	AT I-70 MILEPOST 307.4 ON THE SOUTH SIDE OF I-70 CAP IS STAMPED 7.4
P3-09	39 43 58	104 21 58	1645.039	5397.10	1611.65805	0.9796383	CDOT RESET 8.01	TYPE 2	AT I-70 MILEPOST 308.1 ON THE SOUTH SIDE OF I-70 CAP IS STAMPED RESET 8.01
P3-10	39 44 00	104 21 27	1646.665	5402.43	1610.29406	0.9796407	CDOT 8.4	TYPE 2	AT I-70 MILEPOST 308.4 ON THE SOUTH SIDE OF I-70 CAP IS STAMPED 8.4
P3-11	39 44 02	104 20 51	1643.643	5392.52	1608.72008	0.9796416	APC BM P3-12	TYPE 2	AT I-70 MILEPOST 309.01 ON THE SOUTH SIDE OF I-70 CAP IS STAMPED RESET 9.01
P3-12	39 44 03	104 20 24	1642.035	5387.24	1607.55952	0.9796428	APC BM P3-13	TYPE 2	AT I-70 MILEPOST 309.4 ON THE SOUTH SIDE OF I-70 AND NORTH OF FRONTAGE RD.
P3-13	39 44 02	104 19 49	1640.848	5383.35	1607.82728	0.9796441	APC BM P3-14	TYPE 2	AT I-70 MILEPOST 309.9 SOUTH OF I-70 AND FRONTAGE RD. <span style="float: right;">Southwest</span>
P3-14	39 44 01	104 19 12	1641.120	5384.24	1607.82728	0.9796441	APC BM P3-14	TYPE 5	AT I-70 MILEPOST 310.5 IN <del>SOUTHWEST</del> CORNER OF I-70 EASTBOUND BRIDGE.
P3-15	39 43 48	104 19 17	1641.717	5386.20	1608.41137	0.9796433	APC BM P3-15	TYPE 2	6.25 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 157, SOUTH OF P.P.
P3-16	39 43 27	104 19 16	1645.926	5400.01	1612.53362	0.9796422	APC BM P3-16	TYPE 2	5.8 MILES NORTH OF COUNTY ROAD 30 AT THE NORTHEAST CORNER OF COUNTY ROADS 157 AND 6.
P3-17	39 43 13	104 19 18	1651.118	5417.04	1617.61869	0.9796414	APC BM P3-17	TYPE 2	5.55 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 157, SOUTH OF P.P.
P3-18	39 42 35	104 19 18	1654.781	5429.06	1621.20420	0.9796393	APC BM P3-18	TYPE 2	4.9 MILES NORTH OF COUNTY ROAD 30 AT THE NORTHEAST CORNER OF COUNTY ROADS 157 AND 10.
P3-19	39 42 16	104 19 18	1654.774	5429.04	1621.19568	0.9796383	APC BM P3-19	TYPE 2	4.5 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 157.
P3-20	39 41 44	104 19 18	1666.015	5465.92	1632.20714	0.9796365	APC BM P3-20	TYPE 2	3.9 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 157, 100' NORTH OF RD 14.
P3-21	39 41 25	104 19 19	1670.013	5479.03	1636.12205	0.9796337	APC BM P3-21	TYPE 2	3.55 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 157, IN FRONT OF TRAILER COURT.
P3-22	39 40 50	104 19 20	1675.690	5497.66	1641.68135	0.9796325	APC BM P3-22	TYPE 2	2.9 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 157, SOUTH OF PRIVATE DRIVE #1955.
P3-23	39 40 24	104 19 20	1681.316	5516.12	1647.19140	0.9796325	APC BM P3-23	TYPE 2	2.4 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 157, AT JOG IN ROW FENCE.
P3-24	39 40 02	104 19 20	1683.632	5523.72	1649.45924	0.9796314	APC BM P3-24	TYPE 2	2.0 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 157.
P3-25	39 39 33	104 19 20	1688.913	5541.04	1654.63113	0.9796300	APC BM P3-25	TYPE 2	1.5 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 157.
P3-26	39 39 07	104 19 21	1692.461	5552.68	1658.10467	0.9796287	APC BM P3-26	TYPE 2	1.0 MILES NORTH OF COUNTY ROAD 30 AT THE NORTHEAST CORNER OF COUNTY ROADS 157 AND 26.
P3-27	39 38 40	104 19 22	1697.958	5570.72	1663.48761	0.9796272	APC BM P3-27	TYPE 2	0.5 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 157.
P3-28	39 38 14	104 19 22	1702.613	5585.99	1668.04697	0.9796259	APC BM P3-28	TYPE 2	AT THE NORTHEAST CORNER OF COUNTY ROAD 30 AND COUNTY ROAD 157
P3-29	39 38 14	104 19 34	1706.483	5598.69	1671.83783	0.9796254	APC BM P3-29	TYPE 2	6.6 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30, WEST OF PP.
P3-30	39 38 14	104 20 22	1703.136	5587.71	1668.55554	0.9796237	APC BM P3-30	TYPE 5	6.0 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30, IN THE NORTHWEST CORNER OF A BRIDGE.
P3-31	39 38 13	104 20 51	1702.581	5585.89	1668.01000	0.9796226	APC BM P3-31	TYPE 2	5.5 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30.
P3-32	39 38 13	104 21 37	1702.419	5585.35	1667.84818	0.9796209	APC BM P3-32	TYPE 2	4.9 MILES EAST OF COUNTY ROAD 129 AT THE NORTHEAST CORNER OF COUNTY ROADS 30 AND 149.
P3-33	39 38 13	104 21 54	1705.781	5596.38	1671.14112	0.9796203	APC BM P3-33	TYPE 2	4.6 MILES EAST OF COUNTY ROAD 129 ON THE SOUTH SIDE OF COUNTY ROAD 30.
P3-34	39 38 12	104 22 39	1703.336	5588.36	1668.74207	0.9796184	APC BM P3-34	TYPE 2	4.0 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30.
P3-35	39 38 12	104 23 12	1714.588	5625.28	1679.76403	0.9796171	APC BM P3-35	TYPE 2	3.5 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30.
P3-36	39 38 12	104 23 51	1730.293	5676.80	1695.14913	0.9796155	APC BM P3-36	TYPE 2	2.9 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30, WEST OF PRIVATE DRIVE AT P.P. #50455.
P3-37	39 38 13	104 24 23	1738.522	5703.80	1703.20906	0.9796142	APC BM P3-37	TYPE 2	2.45 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30, AT TELEPHONE RISER #49661.
P3-38	39 38 12	104 24 59	1753.237	5752.08	1717.62352	0.9796126	APC BM P3-38	TYPE 2	2.0 MILES EAST OF COUNTY ROAD 129 AT THE NORTHWEST CORNER OF COUNTY ROADS 30 AND 137.
P3-39	39 38 12	104 25 29	1746.550	5730.14	1711.06990	0.9796126	APC BM P3-38	TYPE 2	2.0 MILES EAST OF COUNTY ROAD 129 AT THE NORTHWEST CORNER OF COUNTY ROADS 30 AND 137.
P3-40	39 38 12	104 26 00	1726.231	5663.48	1691.15942	0.9796114	APC BM P3-39	TYPE 2	1.5 MILES EAST OF COUNTY ROAD 129 ON THE SOUTH SIDE OF COUNTY ROAD 30 AT A FENCE CORNER.
P3-41	39 38 11	104 26 34	1747.390	5732.90	1711.88784	0.9796086	APC BM P3-40	TYPE 5	1.1 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30 IN THE NORTHEAST CORNER OF A BRIDGE.
P3-42	39 38 38	104 24 58	1749.567	5740.04	1714.03067	0.9796142	APC BM P3-41	TYPE 2	0.6 MILES EAST OF COUNTY ROAD 129 ON THE NORTH SIDE OF COUNTY ROAD 30 AT THE TOP OF A SMALL RISE.
P3-43	39 39 05	104 24 57	1753.235	5752.07	1717.62734	0.9796158	APC BM P3-42	TYPE 2	0.5 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 137
P3-44	39 39 31	104 24 57	1743.551	5720.30	1708.14209	0.9796173	APC BM P3-43	TYPE 2	1.0 MILE NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 137
P3-45	39 39 59	104 24 57	1735.842	5695.01	1700.59135	0.9796188	APC BM P3-44	TYPE 2	1.5 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 137
P3-46	39 40 28	104 24 57	1740.379	5709.89	1705.03926	0.9796204	APC BM P3-45	TYPE 2	2.0 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
P3-47	39 40 54	104 24 56	1734.746	5691.41	1699.52222	0.9796218	APC BM P3-46	TYPE 2	2.5 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
P3-48	39 41 20	104 24 56	1725.768	5661.96	1690.72815	0.9796218	APC BM P3-47	TYPE 2	3.0 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
P3-49	39 41 46	104 24 55	1722.725	5651.97	1687.74902	0.9796231	APC BM P3-48	TYPE 2	3.5 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
P3-50	39 42 15	104 24 55	1708.995	5606.93	1674.29896	0.9796243	APC BM P3-49	TYPE 2	4.0 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
P3-51	39 42 42	104 24 56	1699.797	5576.75	1665.28855	0.9796255	APC BM P3-50	TYPE 2	4.5 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
P3-52	39 43 12	104 24 54	1692.513	5552.85	1658.15350	0.9796264	APC BM P3-51	TYPE 2	5.0 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
P3-53	39 43 34	104 24 54	1687.870	5537.62	1653.60469	0.9796273	APC BM P3-52	TYPE 2	5.6 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 137
P3-54	39 43 59	104 24 53	1675.801	5498.02	1641.78622	0.9796278	APC BM P3-53	TYPE 2	6.0 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 137
* 0402	39 39 06	104 27 13	1731.755	5661.60	1696.57277	0.9796314	APC BM P3-54	TYPE 2	6.5 MILES NORTH OF COUNTY ROAD 30 ON THE WEST SIDE OF COUNTY ROAD 137
* 0401	39 38 37	104 27 14	1759.992	5774.24	1724.23457	0.9796104	APC BM P3-55	TYPE 2	1.0 MILE NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 129
* BM010315	39 38 11	104 27 14	1756.008	5761.17	1720.32882	0.9796086	APC BM P3-56	TYPE 2	0.5 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 129
* 0501	39 44 16	104 27 08	1683.119	5522.03	1648.94959	0.9796070	APC BM P3-57	TYPE 2	AT THE SOUTHEAST CORNER OF COUNTY ROAD 30 AND COUNTY ROAD 129
* 0413	39 43 49	104 27 08	1690.145	5545.08	1655.83024	0.9796272	APC BM P3-58	TYPE 2	25 FOOT WEST OF THE WEST RIGHT OF WAY FENCE AT COUNTY ROAD 129 AND I-70
* 0412	39 43 23	104 27 08	1694.768	5560.25	1660.35767	0.9796257	APC BM P3-59	TYPE 2	6.5 MILES NORTH OF COUNTY ROAD 30 ON THE EAST SIDE OF COUNTY ROAD 137
*** B259	39 44 06	104 21 01	1644.006	5393.71	1610.64963	0.9796244	APC BM P3-60	TYPE 2	AT THE SOUTHEAST CORNER OF COUNTY ROAD 6 AND COUNTY ROAD 129
*** 0256	39 44 17	104 22 56	1664.061	5459.51	1630.28988	0.9796406	NSRS B 259	BM DISK	1.5 WEST ON I-70 FROM THE EXIT RAMP AT MILEPOST 310, ON THE NORTH SIDE OF THE RAILROAD TRACKS
						0.9796350	NSRS Z 56	BM DISK	0.3 MILES WEST OF COUNTY ROAD 145 ON HIGHWAY 40 IN THE SOUTHEAST CORNER OF THE RAILROAD BRIDGE ABUTMENT

\* Denotes Arapahoe County Vertical Control held fixed in adjustment  
 \*\*\* Denotes NSRS vertical control.



TYPICAL FOUND CDOT MONUMENT CAP



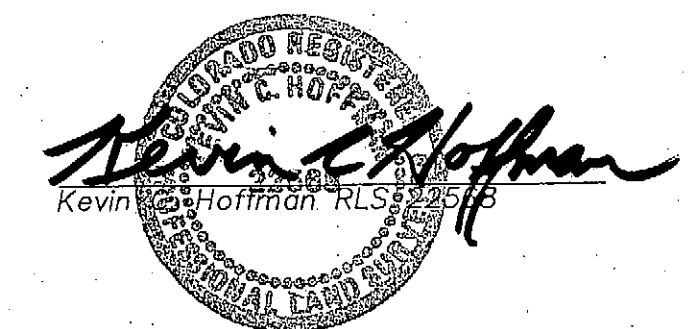
TYPICAL ARAPAHOE COUNTY MONUMENT CAP SET

- NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECTS IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.
- THE ELEVATIONS REPORTED HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), FIELD AND OFFICE PROCEDURES FOLLOWED FGCC 1ST ORDER CLASS II SPECIFICATIONS, THE EXISTING VERTICAL CONSTRAINTS ARE SECOND ORDER CLASS 0, THEREFORE THIS SURVEY IS CLASSIFIED AS A SECOND ORDER CLASS 0 SURVEY AS DEFINED BY NGS.
- ALL GEODETIC POSITIONS LISTED HEREON ARE BASED UPON AUTONOMOUS GLOBAL POSITIONING SYSTEM (GPS) MEASUREMENTS AND HAVE A POSITIONAL TOLERANCE OF 30 FEET +. POSITIONS ARE RELATIVE TO THE NORTH AMERICAN DATUM OF 1983.
- ALL MONUMENTS SET BY MOUNTAIN SURVEYING & MAPPING, INC. (MSM) ARE EITHER COLORADO DEPARTMENT OF TRANSPORTATION TYPE 2 OR TYPE 5 CONTROL MONUMENTS. A TYPE 2 CONSISTS OF BERSTEN TOP SECURITY ROD MONUMENTS BEING 3 FOOT SMOOTH ALUMINUM ROD SECTIONS WITH A 3 FOOT ROD AT THE TOP SECTION CONNECTED BY FLOATING THREADS AND SELF LOCKING WASHERS, A SPIRAL DRIVE POINT ATTACHED TO THE BOTTOM AND A 3 1/4 INCH ALUMINUM CAP AFFIXED TO THE TOP. ADDITIONAL 3 FOOT SMOOTH ROD SECTIONS WERE ATTACHED TO THE BOTTOM SECTION UNTIL THE MONUMENT REACHED A STABLE DEPTH; MONUMENT DEPTHS RANGE FROM 6 TO 18 FEET. A TYPE 5 MONUMENT CONSISTS OF A 3 1/4 INCH ALUMINUM ROCK CAP DRILL SET AND ANCHORED WITH EPOXY INTO A CONCRETE STRUCTURE SUCH AS A BRIDGE.
- THE EQUIPMENT USED IN THIS PROJECT CONSIST OF FIRST ORDER ELECTRONIC DIFFERENTIAL LEVELING EQUIPMENT AS OUTLINED BY NGS. A LEICA NA3003 AUTOMATIC PRECISE DIGITAL LEVEL (SERIAL NO. 281840) WITH A SET OF (2) 3m PRECISE DIGITAL BAR CODE INVAR RODS (SERIAL NO.'S 28582, 28589). STEEL TURNING PINS WERE USED AS TURNING POINTS.
- THE ELEVATION DIFFERENCE DATA WAS CORRECTED FOR SYSTEMATIC ERRORS BY APPLYING CORRECTIONS THAT ACCOUNTED FOR ROD SCALE ERRORS, ROD INVAR TEMPERATURE, REFRACTION AND COLLIMATION ERROR. DUE TO THE SMALL EXTENTS OF THIS PROJECT IT WAS NOT NECESSARY TO APPLY CORRECTIONS THAT ACCOUNTED FOR EARTH TIDES AND CRUSTAL MOTION. GRAVITY EFFECTS WERE ACCOUNTED FOR USING NAVD88 MODELED GRAVITY AS PROVIDED BY NGS. THE MODELED GRAVITY VALUES WERE USED TO COMPUTE NAVD88 GEOPOTENTIAL NUMBERS AT EACH BENCHMARK. THE HELMERT ORTHOMETRIC REDUCTION EQUATION WAS USED TO REDUCE THE GEOPOTENTIAL VALUES TO NAVD88 HELMERT ORTHOMETRIC HEIGHTS. THIS IS THE CURRENT METHOD IN USE BY NGS.
- THE DATA SHOWN HEREON IS A RESULT OF A SIMULTANEOUS ADJUSTMENT OF DIFFERENTIAL LEVELING AND GRAVITY DATA.
- SIX ARAPAHOE COUNTY VERTICAL CONTROL STATIONS WERE HELD FIXED IN THE FULL CONSTRAINT LEAST SQUARES ADJUSTMENT.
- NO GUARANTEE AS TO THE ACCURACY OF THE INFORMATION CONTAINED ON THE ATTACHED DRAWING IS EITHER STATED OR IMPLIED UNLESS THIS COPY BEARS AN ORIGINAL SIGNATURE OF THE PROFESSIONAL LAND SURVEYOR NAMED HEREON.

CERTIFICATION:

I, Kevin C. Hoffman, Registered Land Surveyor in the State of Colorado, do hereby certify that this map reflects the results of a vertical control survey completed in 2002, made under my direct supervision and is true and correct to the best of my knowledge and belief.

Date 1-6-2003



REVISIONS		
NO.	DATE	DESCRIPTION



**MOUNTAIN SURVEYING & MAPPING, INC.**

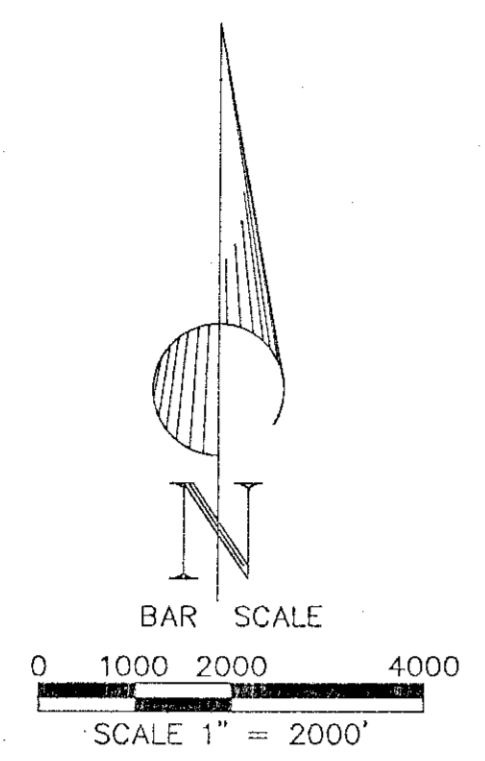
8751 E. HAMPDEN AVE. SUITE B-1  
 DENVER, COLORADO 80231  
 (303) 306-1858

**ARAPAHOE COUNTY**  
 VERTICAL CONTROL  
 PHASE 3  
 ARAPAHOE COUNTY PROJECT NO. C01-036

DATE: 2002	DRAWN: KCH	FILE NAME: BASEMAP
SCALE: AS SHOWN		

# ARAPAHOE COUNTY

## VERTICAL CONTROL PHASE 3

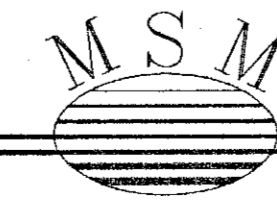


- LEGEND**
- 0501<sup>0</sup> = FOUND ARAPAHOE COUNTY VERTICAL CONTROL
  - P3-04<sup>Δ</sup> = SET ARAPAHOE COUNTY VERTICAL CONTROL
  - P3-01<sup>0</sup> = FOUND CDOT CONTROL MONUMENT



FILE LOCATION: F:\PROJECTS\01079\BASEMAP.DWG  
 DATE: 11-26-02 DRAWN BY: KCH  
 JOB NO.: 01079  
 PLOT SCALE: 1"=1  
 NOTES

REVISIONS		
NO.	DATE	DESCRIPTION



**MOUNTAIN SURVEYING & MAPPING, INC.**  
 8751 E. HAMPDEN AVE. SUITE B-1  
 DENVER, COLORADO 80231  
 (303) 306-1858

**ARAPAHOE COUNTY**  
 VERTICAL CONTROL  
 PHASE 3  
 ARAPAHOE COUNTY PROJECT NO. C01-036

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SCALE: AS SHOWN	CHECKED: MDH	LAST REVISION:
PROJECT NO. 01079	SHEET NO. 2	OF 3



# ARAPAHOE COUNTY

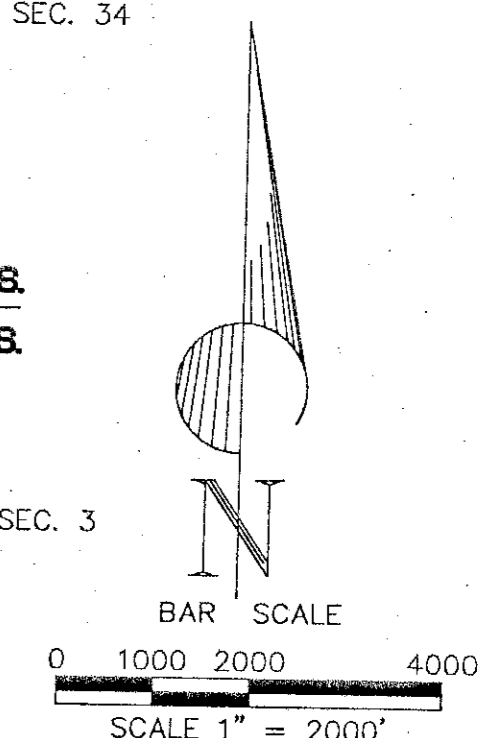
## VERTICAL CONTROL

### PHASE 3



**LEGEND**

○ = FOUND ARAPAHOE COUNTY VERTICAL CONTROL  
 △ = SET ARAPAHOE COUNTY VERTICAL CONTROL  
 ○ = FOUND CDOT CONTROL MONUMENT



FILE LOCATION: F:\PROJECTS\01079\BASEMAP.DWG  
 DATE: 11-28-2002 DRAWN BY: KCH JOB NO: 01079  
 NOTES

REVISIONS		
NO.	DATE	DESCRIPTION

**MOUNTAIN SURVEYING & MAPPING, INC.**  
 8751 E. HAMPDEN AVE. SUITE B-1  
 DENVER, COLORADO 80231  
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**ARAPAHOE COUNTY**  
 VERTICAL CONTROL  
 PHASE 3  
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PROJECT NO. 01079	SHEET NO. 3	OF 3