

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

Project IM 02552 - 038
INTERSTATE HIGHWAY #25 - MP 187.6 to MP 194.0
Sections 10, 11, 14, 15, 22, 23, 26, 27, 34, & 35 of
T. 6 S., R. 67 W., of the 6th Principal Meridian.
Sections 2, 3, 10, & 11 of
T. 7 S., R. 67 W., of the 6th Principal Meridian.
DOUGLAS COUNTY, COLORADO
Prepared by Mountain Surveying & Mapping, Inc.

CONSTRUCTION SURVEYING AND MONUMENTATION REQUIREMENTS:

- 1). This Control Survey Diagram represents the horizontal and vertical control for the project established by Mountain Surveying and Mapping, Inc. It is possible that some of the survey control monuments listed have been disturbed or obliterated. It is the Contractor's responsibility to verify the existence and stability of the control monuments before submitting a bid price.
- 2). All Type 1 and Type 2 monuments shall be set flush with the ground. Witness posts shall be installed 1 foot from and facing all Type 1 and Type 2 Monuments, or as directed by the Project Engineer.
- 3). Installation of Type 3 and Type 3-A monuments shall be completed in the same day that installation is commenced. Under no circumstances shall holes in the roadway be left open overnight.
- 4). When installing Type 3-A monuments, the aluminum access cover shall be positively secured to the PVC pipe with screws or glue. The access cover shall be caulked with asphalt caulking between the cover and the edges of the roadway surface to provide a positive moisture barrier around the access cover.
- 5). Control survey procedures, statistical analysis, and accuracy obtained for horizontal and vertical control shall be documented in the field book.
- 6). Legible copies of the field books shall be submitted to the Project Engineer for review on a monthly basis.
- 7). It is ultimately the prime Contractor's responsibility to insure that these requirements, as well as any contained in the CDOT specifications, project special provisions, and CDOT Survey Manual are fulfilled under this contract.
- 8). The minimum staking intervals for each item are described on the plans or in the CDOT Survey Manual. If the contractor wishes to reduce the minimum intervals, a Contract Modification Order must be negotiated and the cost of the item reduced accordingly.

BASIS OF BEARING: Bearings used in the calculations of coordinates are based on a grid bearing of N 06°31'28" E from I-25 CM-MP CONTROL POINT 187.60 and I-25 CM-MP CONTROL POINT 187.75 as obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

BASIS OF ELEVATIONS: Project is based on NGS benchmark N 393 1983, a 3" brass disk set in a rock outcropping, with a NAVD 88 elevation of 1896.507m. N 393 1983 is a first order second class benchmark.

COORDINATE DATUM: Project coordinates are modified Colorado state plane central zone NAD '83 coordinates. The combined elevation/scale factor used to modify the coordinates was 1.000337772. Combined elevation/scale factor was calculated using a project mean elevation of 1884.604 at I-25 CM-MP 189.15.

NOTE: Refer to NEW-629-1 SURVEY MONUMENTS of the STANDARD PLANS, COLORADO DEPARTMENT OF TRANSPORTATION M & S STANDARDS MARCH 15, 1996 for survey monument descriptions. Refer to M-100-1 STANDARD SYMBOLS of the STANDARD PLANS, COLORADO DEPARTMENT OF TRANSPORTATION M & S STANDARDS NOVEMBER 1992 for standard symbol definitions.

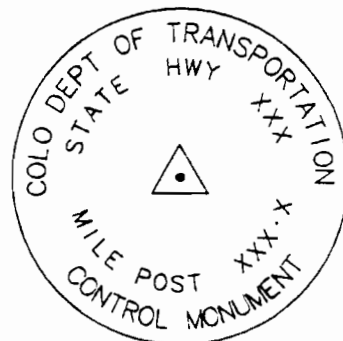
NOTE: This control survey is for the use of Colorado Department of Transportation personnel. The survey is not a complete boundary survey and does not subdivide land. Title policy, title commitment, and title research were not part of this control survey, therefore, easements, rights, and restrictions of record are not shown. The verification of the physical evidence with relation to easements, rights of way, property boundaries, and restrictions, as described in the instruments of record, was not included in this control survey.

NOTE: According to Colorado law you must commence any legal action based upon any defect 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 statement shown.

SURVEYORS STATEMENT, I, Michael D. Heimbuck, a Professional Land Surveyor in the State of Colorado, hereby state that this Control Survey Diagram was prepared under my supervision this ____ day of _____ from a field survey performed under my supervision from _____ to _____, and checking for and on behalf of the Department of Transportation, State of Colorado, and is not a Land Survey Plat or Right-of-Way Survey Plat and to the best of my knowledge and belief this control survey, as shown meets the minimum horizontal control tolerances of a Type B Survey.

Michael D. Heimbuck, RLS 17488

TYPICAL:
CM-MP - Control Monuments were set by Mountain Surveying and Mapping, Inc. They were CDOT Type 2 monuments, a 3 1/4" dia. aluminum control monument cap (as shown) on a 3" X 3/4" dia. flinned aluminum security rod on a 3" X 3/4" dia smooth aluminum rod.



Computer File Information

Creation Date: 03/27/98 Initials: DAW
Last Modification Date: 10/09/98 Initials: DAW
Full Path: M:\PROJECTS\CDOT\97093\scd_dwg
Drawing File Name: 97093SCD.dwg
Acad Ver. R14 Scale: Units: METERS

Sheet Revisions

Rev	Description	Date
1		
2		
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Mountain Surveying & Mapping, Inc.



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Project Manager

Michael Heimbuck

As Constructed

No Revisions: / /
Revised: / /
Void: / /

CONTROL SURVEY DIAGRAM

Designer: _____
Detailer: _____
Sheet Subset: Survey Subset Sheets: 1 of 9

IM 02552 - 038

I-25 MP 187.6 TO 194.0

Sheet Number

FILING CERTIFICATION: DEPOSITED THIS ____ DAY OF ____ M., FOR INFORMATION ONLY IN BOOK ____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE ____ RECEPTION NUMBER ____

SIGNED: _____
DEPT.: _____

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO
CONTROL SURVEY DIAGRAM

Project IM 02552 - 038
INTERSTATE HIGHWAY #25 - MP 187.6 TO 194.0
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DOUGLAS COUNTY, COLORADO
Prepared by Mountain Surveying & Mapping, Inc.

GEODETIC COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELEV. (NAVD 88)m	MAPPING ANGLE	SCALE FACTOR	NAD 83/92		DESCRIPTION
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)	
I-25 CM-MP 187.60	39°27'28.20380"	104°52'27.26773"	1958.061	0°23'40.20183"	0.99995328	485346.868	968233.272	CDOT TYPE 2 MONUMENT
I-25 CM-MP 187.75	39°27'38.20953"	104°52'25.70134"	1945.491	0°23'41.18883"	0.99995559	485655.685	968268.591	CDOT TYPE 2 MONUMENT
I-25 CM-MP 187.90	39°27'45.00173"	104°52'27.85586"	1946.806	0°23'39.83093"	0.99995579	485884.790	968215.844	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.05	39°27'57.73285"	104°52'26.79415"	1942.201	0°23'41.75755"	0.99995613	486205.711	968288.318	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.20	39°28'06.33277"	104°52'22.94838"	1958.842	0°23'44.18309"	0.99995640	486471.545	968378.413	DOUGLAS COUNTY GIS PT 2.053023
I-25 CM-MP 188.40	39°28'19.76690"	104°52'19.58416"	1954.324	0°23'46.30480"	0.99995682	486886.382	968453.949	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.60	39°28'27.45257"	104°52'18.98759"	1947.210	0°23'48.99881"	0.99995708	487148.471	968440.465	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.75	39°28'35.56539"	104°52'20.13827"	1954.107	0°23'46.95489"	0.99995731	487373.488	968437.329	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.95	39°28'41.91164"	104°52'20.10491"	1953.554	0°23'46.97583"	0.99995752	487589.198	968438.773	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.05	39°28'50.04051"	104°52'20.08943"	1949.284	0°23'48.98568"	0.99995778	487819.882	968435.409	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.15	39°28'58.95517"	104°52'20.82184"	1945.691	0°23'46.52370"	0.99995800	488032.995	968418.431	DOUGLAS COUNTY GIS PT 2.062023
I-25 CM-MP 189.30	39°29'08.62119"	104°52'20.02414"	1935.571	0°23'46.02870"	0.99995831	488331.204	968433.428	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.45	39°29'13.29322"	104°52'20.00812"	1938.328	0°23'46.03672"	0.99995853	488536.960	968432.388	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.60	39°29'19.47926"	104°52'20.98560"	1927.096	0°23'48.42021"	0.99995873	488727.561	968407.709	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.70	39°29'26.13938"	104°52'21.41638"	1908.816	0°23'48.14841"	0.99995895	488932.870	968395.992	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.90	39°29'34.71358"	104°52'26.52100"	1906.905	0°23'41.82689"	0.99995923	489196.436	968272.195	DOUGLAS COUNTY GIS PT 2.070023
I-25 CM-MP 190.10	39°29'43.07348"	104°52'24.81587"	1891.230	0°23'43.00422"	0.99995951	489454.514	968311.155	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.25	39°29'51.38224"	104°52'25.97759"	1889.108	0°23'42.27149"	0.99995979	489709.925	968281.834	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.35	39°29'54.98089"	104°52'28.48938"	1890.538	0°23'40.08350"	0.99995993	489841.293	968197.839	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.50	39°30'02.81299"	104°52'28.92198"	1879.258	0°23'39.79823"	0.99996019	490082.746	968185.370	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.65	39°30'11.19310"	104°52'28.67726"	1869.865	0°23'39.88539"	0.99996046	490346.047	968186.860	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.80	39°30'18.51591"	104°52'26.05585"	1868.210	0°23'41.60557"	0.99996073	490567.485	968250.485	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.95	39°30'24.37844"	104°52'20.82384"	1863.795	0°23'46.03137"	0.99996093	490749.150	968379.010	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.10	39°30'34.67345"	104°52'15.27858"	1856.486	0°23'46.40250"	0.99996128	491067.513	968504.500	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.30	39°30'43.35379"	104°52'10.77516"	1854.758	0°23'51.24281"	0.99996158	491335.945	968610.214	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.45	39°30'49.67495"	104°52'07.48334"	1852.789	0°23'53.31883"	0.99996180	491531.424	968687.487	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.65	39°31'00.88437"	104°52'02.70864"	1857.369	0°23'56.33116"	0.99996219	491877.894	968799.175	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.85	39°31'09.29616"	104°52'00.83804"	1859.554	0°23'57.50954"	0.99996249	492137.610	968841.985	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.95	39°31'15.02057"	104°52'00.78800"	1858.556	0°23'57.55380"	0.99996269	492314.154	968842.433	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.10	39°31'23.73408"	104°52'01.24841"	1865.747	0°23'57.25185"	0.99996300	492582.781	968829.133	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.25	39°31'34.39850"	104°52'01.71443"	1851.766	0°23'56.95852"	0.99996339	492911.573	968815.659	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.40	39°31'40.38240"	104°52'02.32573"	1841.984	0°23'56.57088"	0.99996360	493096.008	968799.770	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.55	39°31'48.62177"	104°52'03.54280"	1829.188	0°23'56.80325"	0.99996390	493349.890	968788.935	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.75	39°31'58.33460"	104°52'03.71882"	1826.803	0°23'55.69381"	0.99996425	493649.387	968782.695	CDOT TYPE 2 MONUMENT
I-25 CM-MP 193.00	39°32'11.12220"	104°52'03.02945"	1825.240	0°23'56.12688"	0.99996472	494043.856	968776.358	DOUGLAS COUNTY GIS PT 2.100020
I-25 CM-MP 193.25	39°32'20.78274"	104°52'04.88935"	1813.178	0°23'54.98385"	0.99996508	494341.462	968728.873	CDOT TYPE 2 MONUMENT
I-25 CM-MP 193.45	39°32'31.88028"	104°52'09.68833"	1816.716	0°23'51.94102"	0.99996549	494682.891	968613.431	CDOT TYPE 2 MONUMENT
I-25 CM-MP 193.65	39°32'41.41024"	104°52'10.55521"	1809.580	0°23'51.38029"	0.99996585	494976.633	968590.164	CDOT TYPE 2 MONUMENT
I-25 CM-MP 193.85	39°32'52.28333"	104°52'11.49499"	1808.377	0°23'50.78754"	0.99996626	495311.784	968565.398	CDOT TYPE 2 MONUMENT
JOG	39°34'05.17540"	104°52'18.24420"		0°23'48.48822"	0.99996808	497583.455	968388.196	NGS BRASS DISK IN CONCRETE
N393	39°22'45.84133"	104°51'32.33290"		0°24'15.42154"	0.99994768	478621.767	969629.848	NGS BRASS DISK IN BOULDER

PROJECT COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	PROJECT COORDINATES		ELEV. (NAVD 88)m	DESCRIPTION
	NORTHING (m)	EASTING (m)		
I-25 CM-MP 187.60	485510.803	968560.314	1958.061	CDOT TYPE 2 MONUMENT
I-25 CM-MP 187.75	485819.727	968595.645	1945.491	CDOT TYPE 2 MONUMENT
I-25 CM-MP 187.90	486028.903	968542.680	1946.806	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.05	486369.938	968613.378	1942.201	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.20	486635.881	968703.503	1958.642	DOUGLAS COUNTY GIS PT 2.053023
I-25 CM-MP 188.40	487050.839	968781.066	1954.324	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.60	487313.016	968767.577	1947.210	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.75	487538.110	968784.440	1954.107	CDOT TYPE 2 MONUMENT
I-25 CM-MP 188.95	487733.886	968763.884	1953.554	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.05	487984.654	968762.518	1949.284	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.15	488197.839	968743.535	1945.691	DOUGLAS COUNTY GIS PT 2.062023
I-25 CM-MP 189.30	488498.149	968760.538	1935.571	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.45	488701.974	968759.495	1938.328	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.60	488892.640	968734.810	1927.096	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.70	489098.018	968723.089	1908.816	CDOT TYPE 2 MONUMENT
I-25 CM-MP 189.90	489361.673	968599.250	1906.905	DOUGLAS COUNTY GIS PT 2.070023
I-25 CM-MP 190.10	489619.838	968638.223	1891.230	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.25	489875.336	968608.692	1889.108	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.35	490006.748	968524.869	1890.538	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.50	490248.282	968512.396	1879.258	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.65	490511.672	968513.885	1869.865	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.80	490733.165	968577.543	1868.210	CDOT TYPE 2 MONUMENT
I-25 CM-MP 190.95	490914.911	968706.101	1863.795	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.10	491233.382	968831.634	1856.486	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.30	491501.905	968937.383	1854.758	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.45	491697.450	969014.683	1852.789	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.65	492044.037	969126.408	1857.369	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.85	492303.840	969169.243	1859.554	CDOT TYPE 2 MONUMENT
I-25 CM-MP 191.95	492480.444	969169.681	1858.556	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.10	492749.162	969156.376	1865.747	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.25	493078.065	969142.898	1851.766	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.40	493262.560	969127.003	1841.984	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.55	493516.530	969096.158	1829.188	CDOT TYPE 2 MONUMENT
I-25 CM-MP 192.75	493816.128	969089.915	1826.803	CDOT ROW MARKER - NO STATION
I-25 CM-MP 193.00	494210.730	969103.584	1825.240	DOUGLAS COUNTY GIS PT 2.100020
I-25 CM-MP 193.25	494508.437	969057.083	1813.178	CDOT TYPE 2 MONUMENT
I-25 CM-MP 193.45	494849.981	968940.602	1816.716	CDOT TYPE 2 MONUMENT
I-25 CM-MP 193.65	495143.822	968917.327	1809.580	CDOT TYPE 2 MONUMENT
I-25 CM-MP 193.85	495479.086	968892.552	1808.377	CDOT TYPE 2 MONUMENT

FILING CERTIFICATION: DEPOSITED THIS DAY OF AT M. FOR INFORMATION ONLY IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY RECEPTION NUMBER

SIGNED: DEPT.:

Computer File Information

Creation Date: 03/27/98 Initials: DAW
Last Modification Date: 10/09/98 Initials: DAW
Full Path: M:\PROJECTS\CDOT\97093\scd_dwq
Drawing File Name: 97093SCD.dwg
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Sheet Revisions

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Project Manager

Michael Heimbuck

As Constructed

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CONTROL SURVEY DIAGRAM

IM 02552 - 038

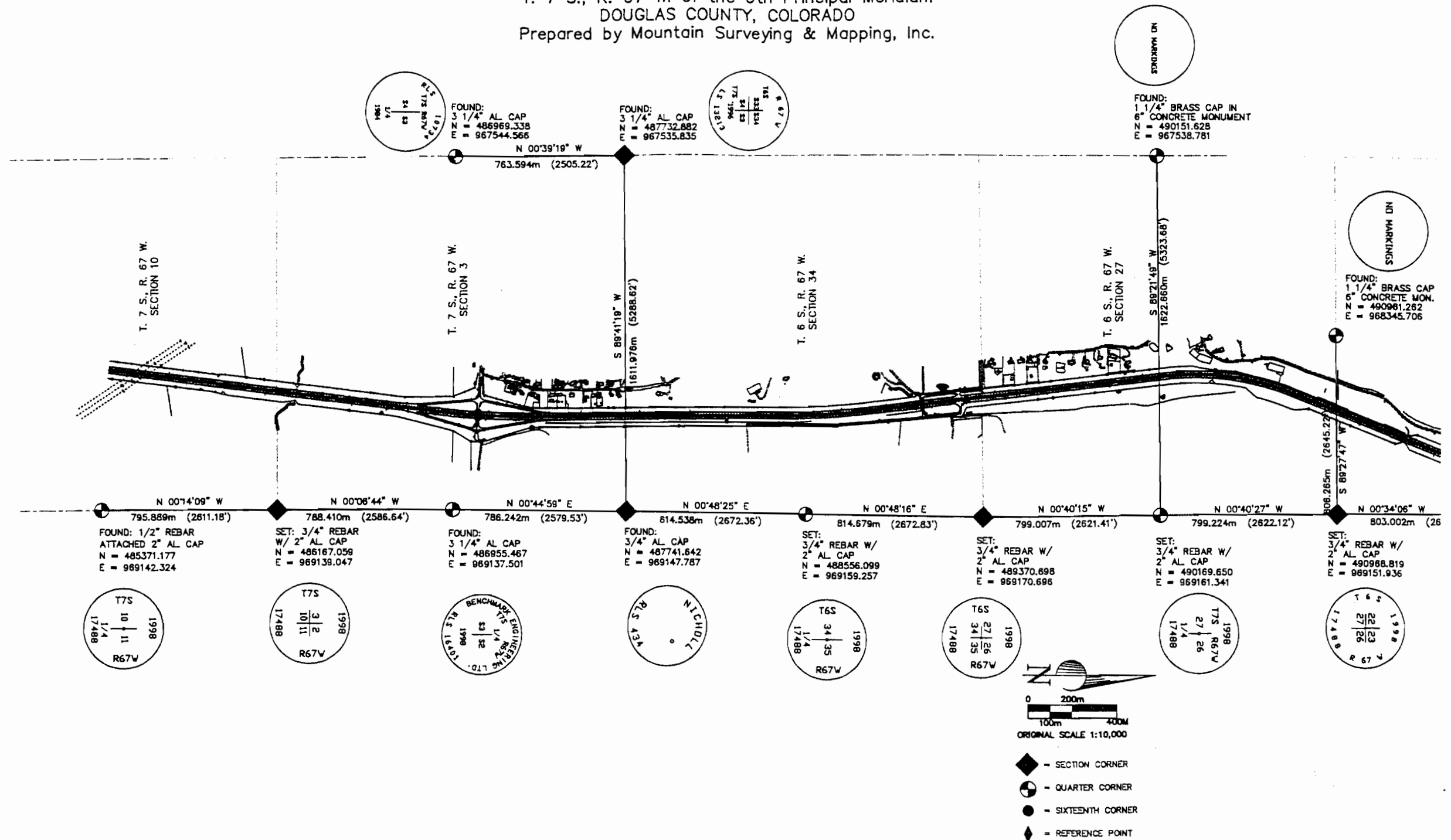
I-25 MP 187.6 TO 194.0

Designer: Structure
Detailer: Numbers
Sheet Subset: Survey Subset Sheets: 2 of 9

Sheet Number

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

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FILING CERTIFICATION: DEPOSITED THIS 19 DAY OF 1998 AT M. FOR INFORMATION ONLY IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE RECEPTION NUMBER

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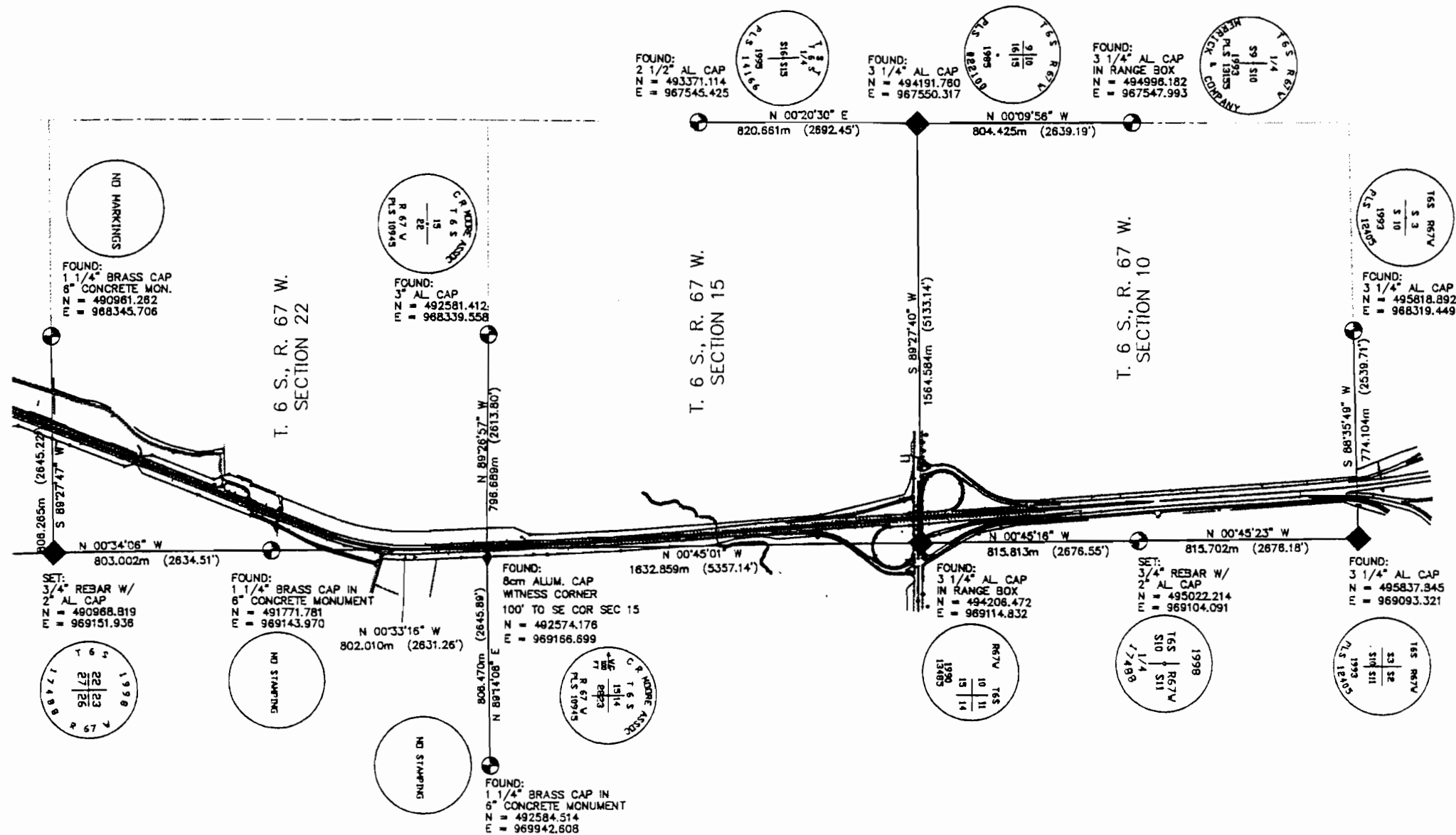
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Creation Date:	03\27\98	Initials: DAW		//			8751 E. Hampden Ave. Suite B-1 Denver, Colorado, 80231 Phone: (303) 306-1858 FAX: (303) 306-6145	No Revisions:	/ /	Designer:			Structure Numbers	I-25 MP 187.6 TO 194.	
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Acad Ver.	R14	Scale: 1:10000	Units: METERS		//					Project Manager			Michael Heimbuck		
														Sheet Number	

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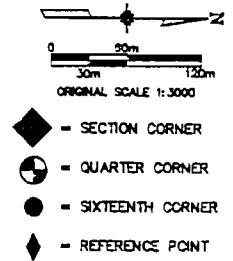
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- ◆ = SECTION CORNER
- = QUARTER CORNER
- = SIXTEENTH CORNER
- ◆ = REFERENCE POINT

Computer File Information				Sheet Revisions				Mountain Surveying & Mapping, Inc.		As Constructed		CONTROL SURVEY DIAGRAM				IM 02552 - 038	
Creation Date:		03\27\98 Initials: DAW		R-1	/	/			8751 E. Hampden Ave. Suite B-1 Denver, Colorado, 80231 Phone: (303) 306-1858 FAX: (303) 306-6145	No Revisions: / /		Designer: Detailer: Sheet Subset: Survey Subset Sheets: 4 of 9		1-25 MP 187.6 TO 194.0 Sheet Number			
Last Modification Date:		10\09\98 Initials: DAW		R-2	/	/				Revised: / /							
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								Project Manager		Michael Heimback							

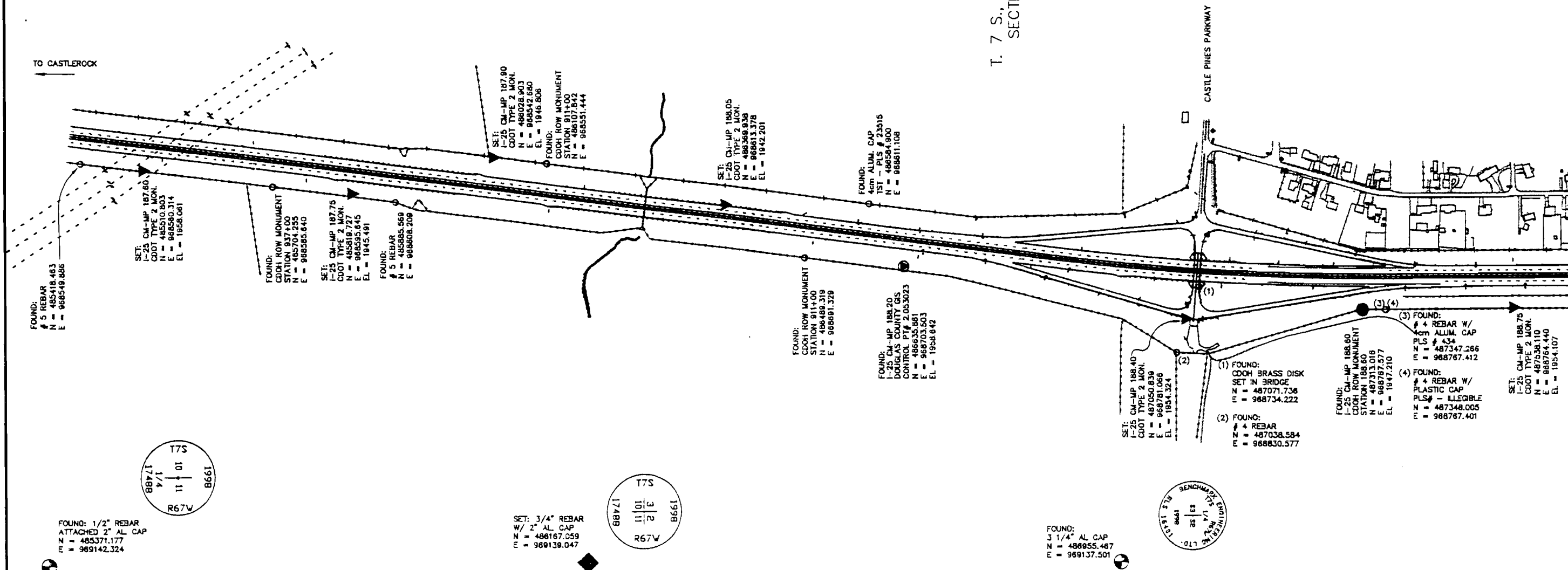
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T. 6 S., R. 67 W., of the 6th Principal Meridian.
Sections 2, 3, 10, & 11 of
T. 7 S., R. 67 W. of the 6th Principal Meridian.
DOUGLAS COUNTY, COLORADO
Prepared by Mountain Surveying & Mapping, Inc.



TO DENVER

T. 7 S., R. 67 W.
SECTION 3



FILING CERTIFICATION: DEPOSITED THIS 19 DAY OF M., FOR INFORMATION ONLY IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE RECEPTION NUMBER

SIGNED: DEPT.:

FOUND: 1/2" REBAR
ATTACHED 2" AL CAP
N = 485371.177
E = 989142.324

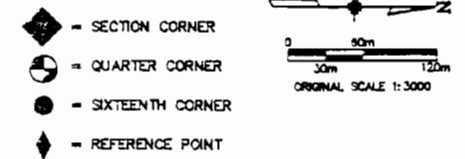
SET: 3/4" REBAR
W/ 2" AL CAP
N = 488167.059
E = 989139.047

FOUND:
3 1/4" AL CAP
N = 488955.487
E = 989137.501

Computer File Information			Sheet Revisions			Mountain Surveying & Mapping, Inc.		As Constructed		CONTROL SURVEY DIAGRAM				IM 02552 - 038	
Creation Date: 03\27\98 Initials: DAW			R-1	/	/		8751 E. Hampden Ave. Suite 3-1 Denver, Colorado, 80231 Phone: (303) 306-1858 FAX: (303) 306-6145	No Revisions: / /		I-25 MP 187.6 TO 194.					
Last Modification Date: 10\09\98 Initials: DAW			R-2	/	/			Revised: / /							
Full Path: M:\PROJECTS\CDOT\97093\scd_dwg			R-3	/	/			Void: / /		Designer:		Structure Numbers			
Drawing File Name: 97093SCD.dwg			R-4	/	/					Detailer:					
Acad Ver R14 Scale: 1:3000 Units: METERS			R-5	/	/					Sheet Subset: Survey		Subset Sheets: 5 of 9		Sheet Number	
						Project Manager Michael Heimbuck									

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

Project IM 02552 - 038
INTERSTATE HIGHWAY #25 - MP 187.6 to MP 194.0
Sections 10, 11, 14, 15, 22, 23, 26, 27, 34, & 35 of
T. 6 S., R. 67 W., of the 6th Principal Meridian.
Sections 2, 3, 10, & 11 of
T. 7 S., R. 67 W. of the 6th Principal Meridian.
DOUGLAS COUNTY, COLORADO
Prepared by Mountain Surveying & Mapping, Inc.



TO DENVER

TO CASTLEROCK

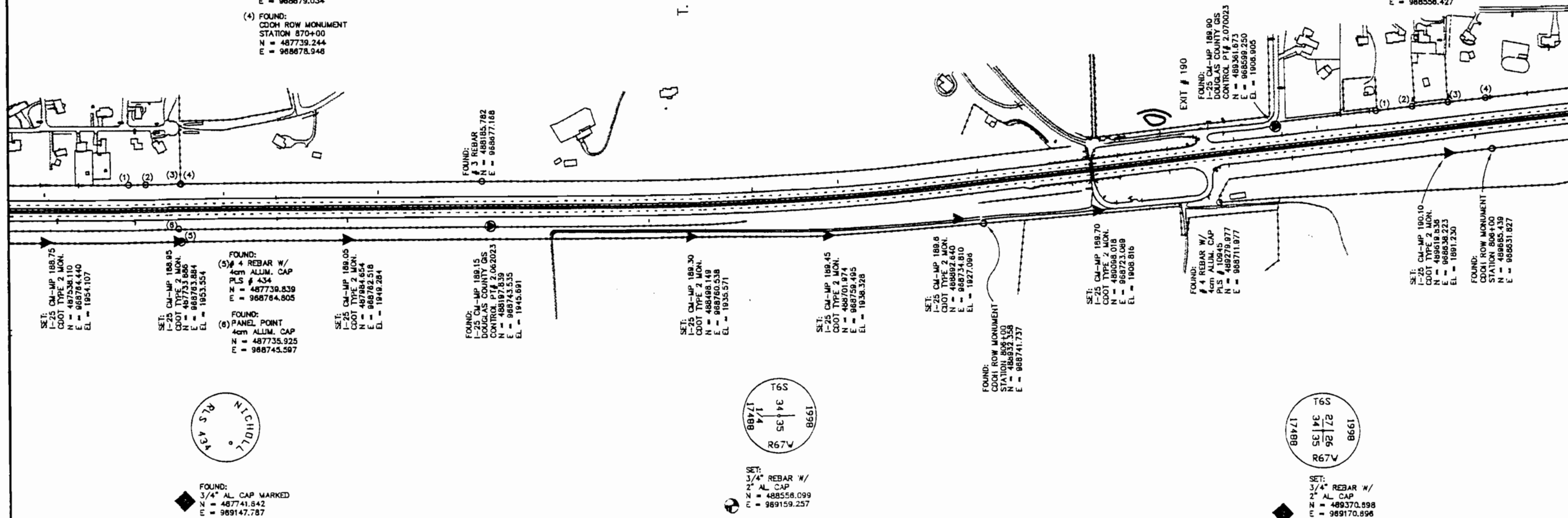
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- (2) FOUND:
5 REBAR
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E = 968679.187
- (3) FOUND:
3 REBAR
N = 487738.247
E = 968679.034
- (4) FOUND:
COOH ROW MONUMENT
STATION 870+00
N = 487739.244
E = 968678.948

- (1) FOUND:
3 REBAR
N = 489510.796
E = 968575.533
- (2) FOUND:
3 REBAR
N = 489566.248
E = 968582.042
- (3) FOUND:
3 REBAR
N = 489821.101
E = 968558.178
- (4) FOUND:
3 REBAR
N = 489875.809
E = 968558.427

T. 6 S., R. 67 W.
SECTION 34

FILING CERTIFICATION: DEPOSITED THIS _____ DAY OF _____ AT _____ M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE _____ RECEPTION NUMBER _____

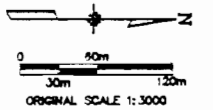
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DEPT.: _____



Computer File Information				Sheet Revisions				Mountain Surveying & Mapping, Inc.		As Constructed		CONTROL SURVEY DIAGRAM				IM 02552 - 038		
Creation Date:		03\27\98 Initials: DAW		R-1	//	//		 8751 E Hampden Ave. Suite B-1 Denver, Colorado, 80231 Phone: (303) 306-1858 FAX: (303) 306-6145	Project Manager	Michael Heimbeck	No Revisions: //						I-25 MP 187.6 TO 194	
Last Modification Date:		10\09\98 Initials: DAW		R-2	//	//					Revised: //							
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Acad Ver.		R14 Scale: 1:3000 Units: METERS		R-5	//	//							Detailer:					
											Sheet Subset: Survey		Subset Sheets: 6 of 9		Sheet Number			

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

Project IM 02552 - 038
INTERSTATE HIGHWAY #25 - MP 187.6 to MP 194.0
Sections 10, 11, 14, 15, 22, 23, 26, 27, 34, & 35 of
T. 6 S., R. 67 W., of the 6th Principal Meridian.
Sections 2, 3, 10, & 11 of
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DOUGLAS COUNTY, COLORADO
Prepared by Mountain Surveying & Mapping, Inc.



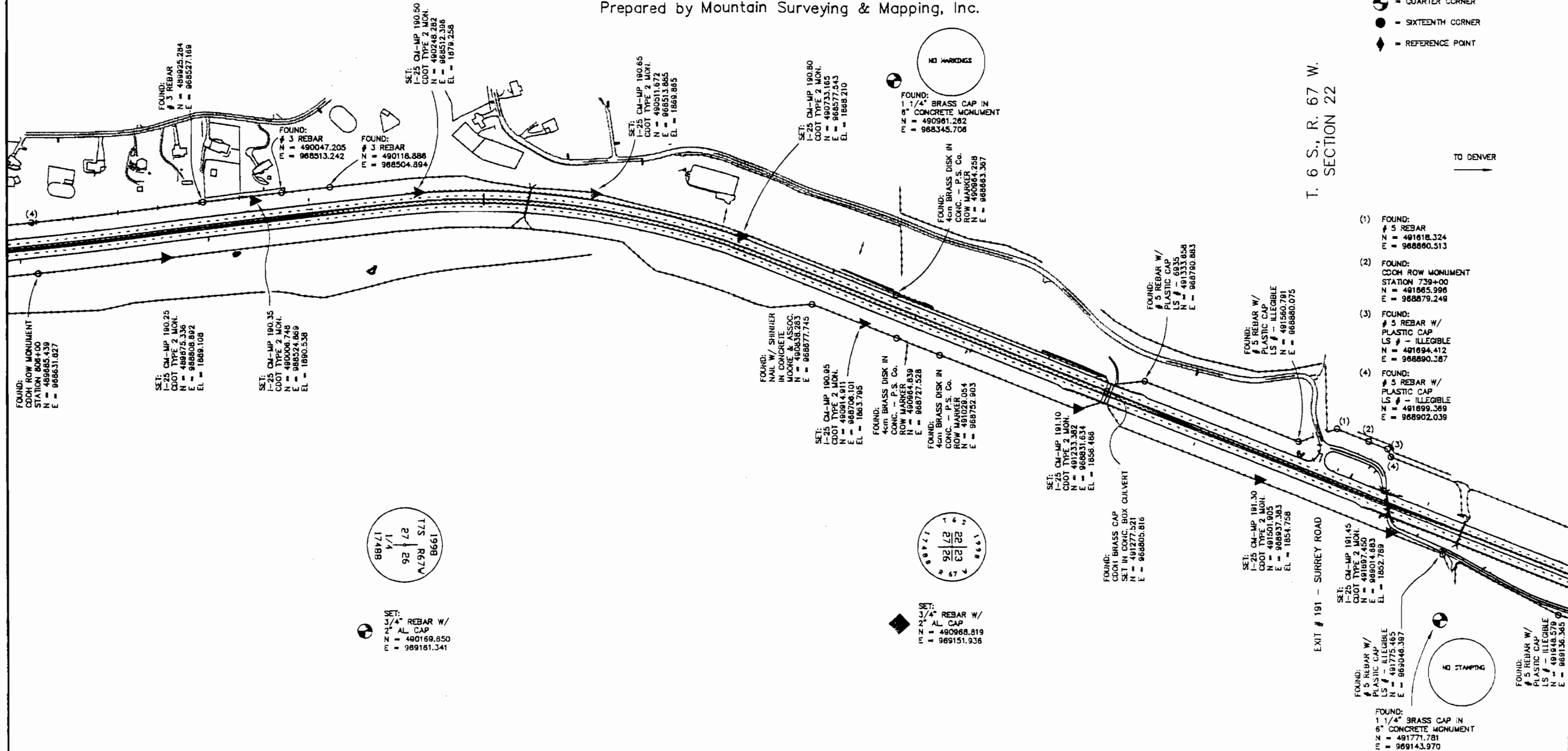
- ◆ = SECTION CORNER
- ⊙ = QUARTER CORNER
- = SIXTEENTH CORNER
- ◆ = REFERENCE POINT

T. 6 S., R. 67 W.
SECTION 22

TO DENVER

TO CASTLEROCK

T. 6 S., R. 67 W.
SECTION 27



FILING CERTIFICATION: DEPOSITED THIS _____ DAY OF _____ AT _____ M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE _____ RECEPTION NUMBER _____

SIGNED: _____
DEPT.: _____

Computer File Information				Sheet Revisions				Mountain Surveying & Mapping, Inc.				As Constructed		CONTROL SURVEY DIAGRAM				IM 02552 - 038	
Creation Date: 03\27\98 Initials: DAW				R-1	/	/		 8751 E. Hampden Ave. Suite 3-1 Denver, Colorado, 80231 Phone: (303) 306-1858 FAX: (303) 306-6145	No Revisions: / /		I-25 MP 187.6 TO 194.0				IM 02552 - 038				
Last Modification Date: 10\09\98 Initials: DAW				R-2	/	/													
Full Path: M:\PROJECTS\CDOT\97093\scd_dwg				R-3	/	/													
Drawing File Name: 97093SCD.dwg				R-4	/	/													
Acad Ver. R14 Scale: 1:3000 Units: METERS				R-5	/	/													
								Project Manager Michael Heimbeck											

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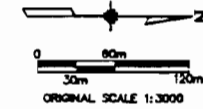
SIGNED: DEPT.:

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

FOUND:
3" AL. CAP MARKED
N = 492581.412
E = 968339.558



Project IM 02552 - 038
INTERSTATE HIGHWAY #25 - MP 187.6 to MP 194.0
Sections 10, 11, 14, 15, 22, 23, 26, 27, 34, & 35 of
T. 6 S., R. 67 W., of the 6th Principal Meridian.
Sections 2, 3, 10, & 11 of
T. 7 S., R. 67 W. of the 6th Principal Meridian.
DOUGLAS COUNTY, COLORADO
Prepared by Mountain Surveying & Mapping, Inc.

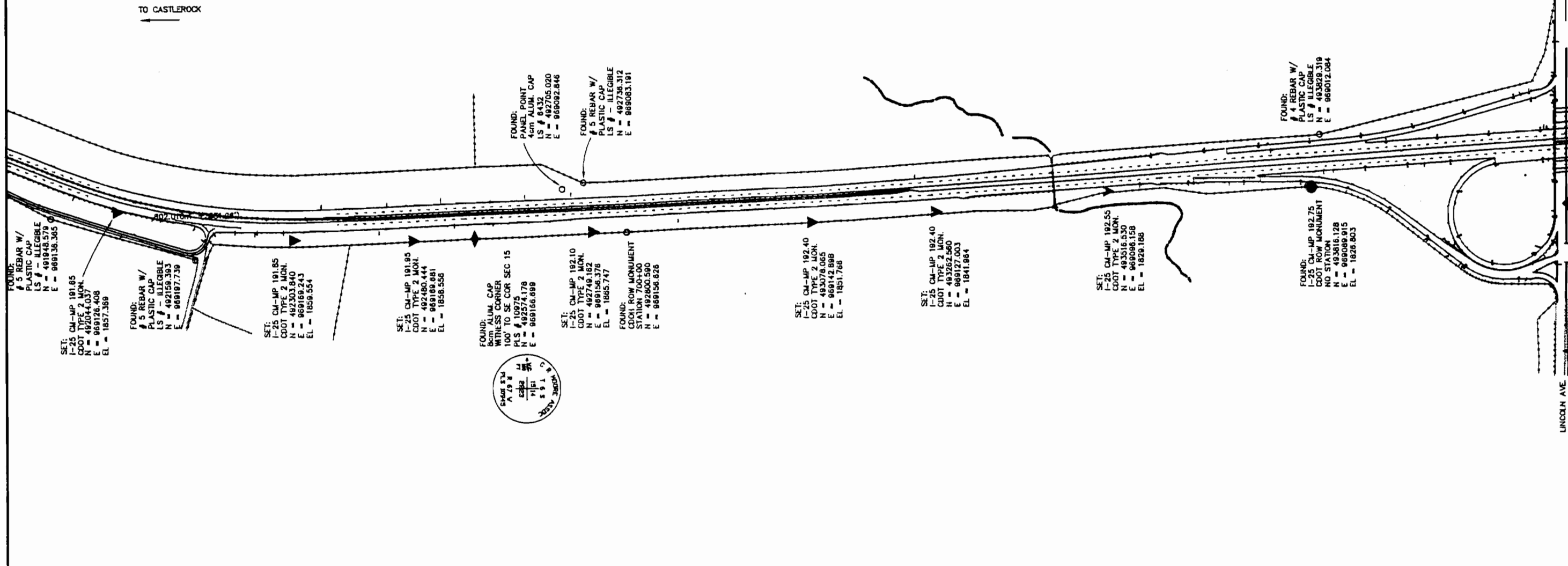


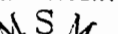
- SECTION CORNER
- QUARTER CORNER
- SIXTEENTH CORNER
- REFERENCE POINT

T. 6 S., R. 67 W.
SECTION 15

TO DENVER

LINCOLN AVE



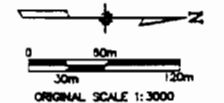
Computer File Information			Sheet Revisions			Mountain Surveying & Mapping, Inc.		As Constructed		CONTROL SURVEY DIAGRAM				IM 02552 - 038		
Creation Date:	03\27\98	Initials: DAW	R-1	/	/		8751 E. Hampden Ave. Suite 3-1 Denver, Colorado, 80231 Phone: (303) 306-1858 FAX: (303) 306-6145	No Revisions:	/ /	CONTROL SURVEY DIAGRAM				IM 02552 - 038		
Last Modification Date:	10\09\98	Initials: DAW	R-2	/	/									I-25 MP 187.6 TO 194.0		
Full Path:	M:\PROJECTS\CDOT\97093\scd_dwg	R-3	/	/	Project Manager					Michael Heimbuck	Revised:	/ /	Designer:	Structure		
Drawing File Name:	97093SCD.dwg	R-4	/	/									Detailer:	Numbers		
Acad Ver. R14 Scale: 1:3000 Units: METERS	R-5	/	/										Void:	/ /	Sheet Subset: Survey	Subset Sheets: 9 of 9

Mountain Surveying & Mapping, Inc.
8751 E. Hampden Ave. Suite 3-1
Denver, Colorado, 80231
Phone: (303) 306-1858 FAX: (303) 306-6145
Project Manager Michael Heimbeck

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

Project IM 02552 - 038
INTERSTATE HIGHWAY #25 - MP 187.6 to MP 194.0
Sections 10, 11, 14, 15, 22, 23, 26, 27, 34, & 35 of
T. 6 S., R. 67 W., of the 6th Principal Meridian.
Sections 2, 3, 10, & 11 of
T. 7 S., R. 67 W. of the 6th Principal Meridian.
DOUGLAS COUNTY, COLORADO
Prepared by Mountain Surveying & Mapping, Inc.

FOUND:
3 1/4" AL. CAP
N = 495818.892
E = 968319.448

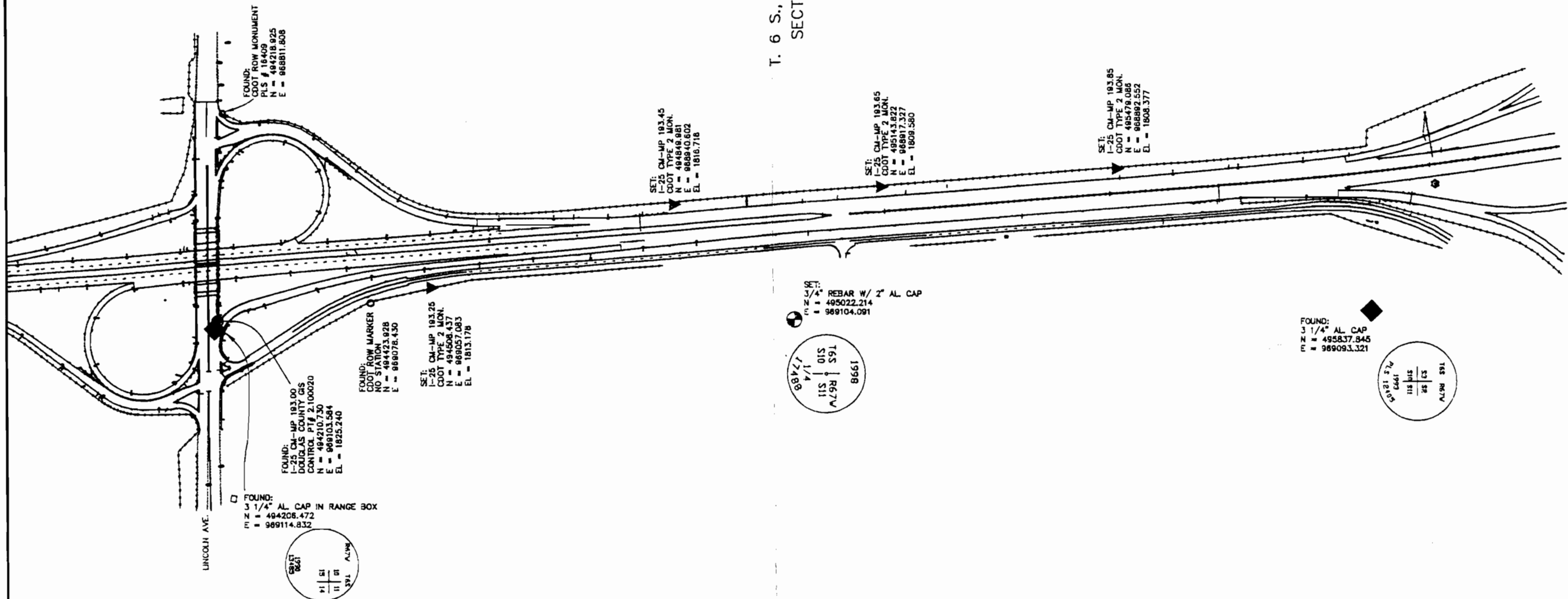


- ◆ = SECTION CORNER
- ⊙ = QUARTER CORNER
- = SIXTEENTH CORNER
- ◆ = REFERENCE POINT

TO CASTLEROCK

TO DENVER

T. 6 S., R. 67 W.
SECTION 10



FILING CERTIFICATION:
DEPOSITED THIS _____ DAY OF _____ AT _____ M., FOR INFORMATION
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SURVEYS AT PAGE _____ RECEPTION NUMBER _____

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Computer File Information			Sheet Revisions			Mountain Surveying & Mapping, Inc.		As Constructed		CONTROL SURVEY DIAGRAM				IM 02552 - 038	
Creation Date:	03\27\98	Initials: DAW	R-1	/	/		8751 E. Hampden Ave. Suite B-1 Denver, Colorado, 80231 Phone: (303) 306-1858 FAX: (303) 306-6145	No Revisions: / /		I-25 MP 187.6 TO 194.0					
Last Modification Date:	10\09\98	Initials: DAW	R-2	/	/			Revised: / /							
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Acad Ver. R14 Scale: 1:3000 Units: METERS			R-5	/	/					Sheet Subset: Survey		Subset Sheets: 9 of 9		Sheet Number	
						Project Manager Michael Heimback									