

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED
FEDERAL AID PROJECT NO. NHIMIR(CX)025-3(103)UNIT 3

STATE HIGHWAY NO. 25
ADAMS & DENVER COUNTIES

RIGHT OF WAY
SECTIONS 10 & 15, T.3S., R.68W. OF THE 6TH P.M.

INDEX OF SHEETS			TITLE SHEET		
1	2A	TABULATION OF PROPERTIES SHEETS	1	2A	TABULATION OF PROPERTIES SHEETS
2, 3A-3E	3, 3A-3E	CONTROL AND MONUMENTATION SHEETS	2, 3A-3E	3, 3A-3E	CONTROL AND MONUMENTATION SHEETS
4-7	4-7	PLAN SHEETS	4-7	4-7	PLAN SHEETS
8	8	OWNERSHIP MAP	8	8	OWNERSHIP MAP

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	NHIMIR(CX)025-3(103)UNIT 3	1	14

RIGHT OF WAY
I-25 (E. 60th AVE.
TO W. 51st AVE.)

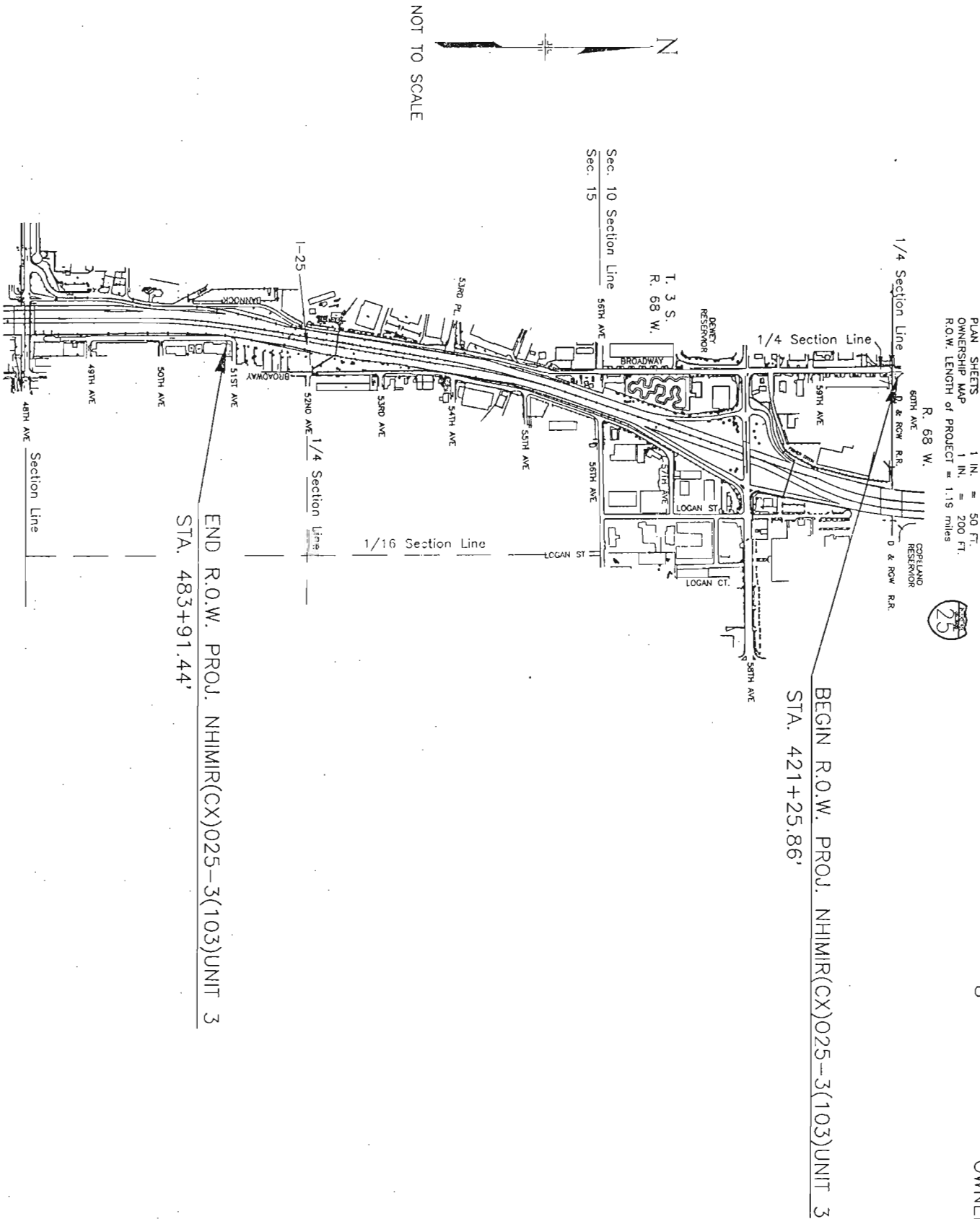
REVISIONS		DATE	BY

CONVENTIONAL SIGNS

County Line	Section Line	1/4 Section Line	1/16 Section Line
Township or Range Line			
Land Lines			
Property or Tract Line			
Property or Tract Line			
W/ Bearing & Distance			
Calculated Distance (Based On Control Surveys)			
Deed or Plot Distance			
True Point of Beginning			
W/ Parcel Number			
City Limits			
Rollroad			
Existing Road			
New Road			
Control of Access			
Access denied by Deed			
Existing Right of Way Line			
Proposed Right of Way Line			
Existing Easement			
Proposed Temporary Easement			
Proposed Permanent Easement			
Controlled Access			
Controlled Frontage Road			
Protected by Freeway(Virgin Location)			
Top of Cuts			
Toe of Fills			
Barbed Wire Fence			
Chain Link Fence			
Woven Wire-Combination Fence			
Snow Fence			
Wood Fence			
Deer Fence			
Trees			
Tel. & Teleg. Lines			
Electric Lines			
Elec. Trons. Tower			
Burned Tel. Cable			
Burned Electric Cable			
Gas Main			
Oil Main			
Water Main			
Sanitary Sewers			
Storm Sewers			
Road Approaches			
Section Corner			
1/4 Corner & 1/16 Corner			
Center of Section			
Culverts & Drains			
Proposed Existing			
Proposed Existing (to be dashed)			
Bridges			

BASIS OF BEARINGS

The line between control point # 2005 and #2015
bears N. 088°04'25" E. as published on sheet 3D.



DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED

DATE

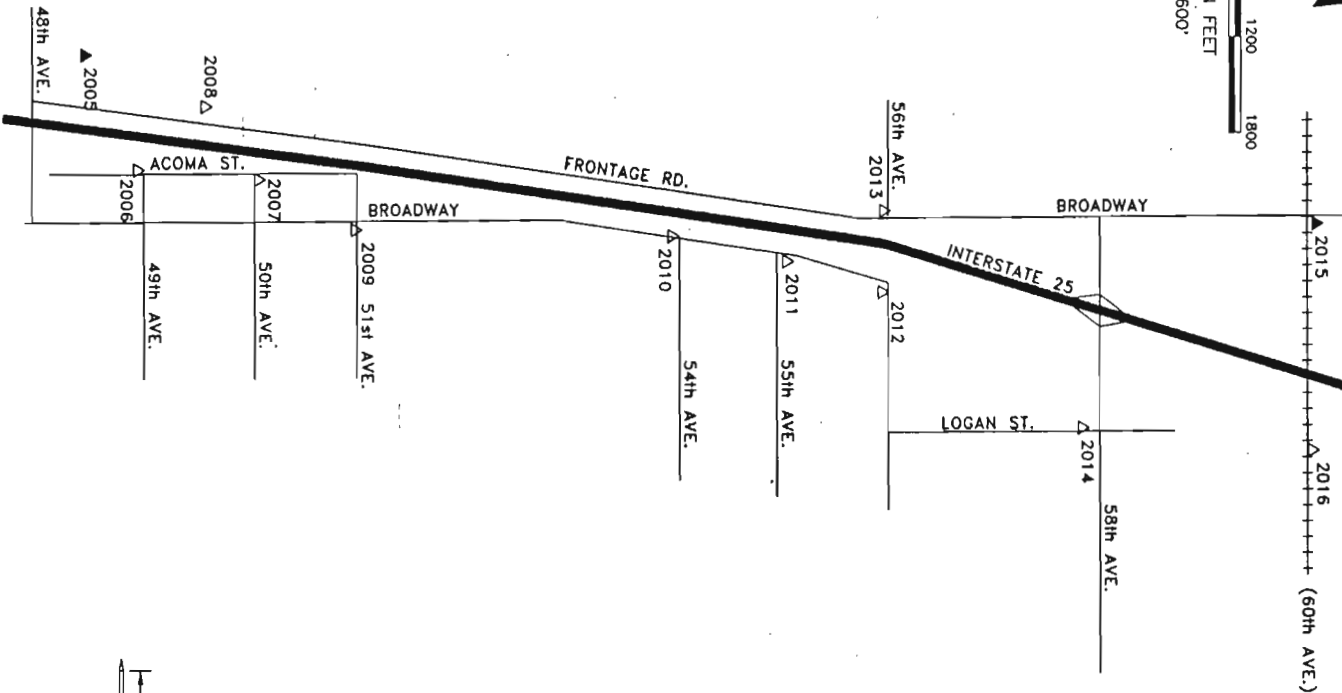
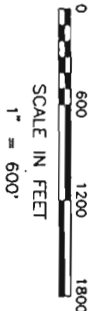
DIVISION ADMINISTRATOR

R--6 R.O.W.
SUB: 88204
DATE: 8/94

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO
SURVEY CONTROL DIAGRAM

ALONG INTERSTATE 25 FROM 48TH AVENUE TO 60TH AVENUE
DENVER AND ADAMS COUNTIES, COLORADO
CDOT PROJECT NUMBER NH-IR(CX)025-3(103)
LYING IN SECTIONS 10 AND 15, TOWNSHIP 3 SOUTH, RANGE 68 WEST
OF THE SIXTH PRINCIPAL MERIDIAN

INTERSTATE 25
48th AVENUE TO 60th AVENUE



EXISTING CONTROL TIED AS PART OF THIS SURVEY (NOT SHOWN)
CDOT - DENVER METRO AREA GPS GEODETIC CONTROL SYSTEM
ADJUSTMENT C00193.C

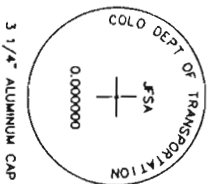
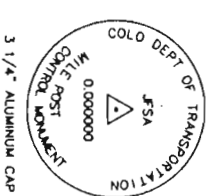
NO.	SERIAL ID	NAME	NORTH LATITUDE	WEST LONGITUDE
15	4.038007	38TH	39°46'08.95338	104°59'46.62579
80	1.047017	RIBBON	39°46'54.41274	104°58'00.30468
1026	1.069007	1-76 WASH.	39°49'16.54344	104°58'37.14944
1206	4.037030	ISLAND	39°47'58.57208	105°01'31.82448

STATE PLANE COORDINATES AS DETERMINED BY FAST STATIC GPS SURVEY
COLORADO CENTRAL ZONE (METERS)

NO.	SERIAL ID	NORTHING	EASTING
2005	4.048004	521523.724	957967.306
2006	4.049001	521626.117	958185.466
2007	4.050001	521856.886	958204.627
2008	4.050002	521756.092	958066.327
2009	1.051000	522040.803	958301.466
2010	1.054000	522645.499	958317.037
2011	1.055001	522863.545	958366.348
2012	1.056002	523045.279	958425.931
2013	4.056000	523048.253	958271.417
2014	1.058004	523425.237	958686.716
2015	1.060000	523873.275	958300.708
2016	1.060004	523864.721	958732.480

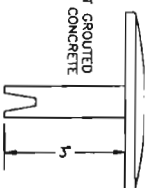
PROJECT SPECIFIC MODIFIED DATUM PLANE COORDINATES (FEET)

NO.	SERIAL ID	NORTHING	EASTING	DESCRIPTION
2005	4.048004	711202.581	2143605.456	EX TYPE 2 MONUMENT (OLD PT. 61)
2006	4.049001	711532.148	2144321.308	SET TYPE 2 MONUMENT
2007	4.050001	712289.446	2144384.050	SET 2" BRASS CAP IN CONC.
2008	4.050002	711958.607	2143930.274	SET TYPE 2 MONUMENT
2009	1.051000	712893.034	2144701.743	SET TYPE 5 MONUMENT
2010	1.054000	714877.398	2144752.506	SET TYPE 2 MONUMENT
2011	1.055001	715592.955	2144912.206	SET TYPE 2 MONUMENT
2012	1.056002	716189.362	2145109.632	SET TYPE 3 MONUMENT
2013	4.056000	716199.036	2145062.581	SET TYPE 3 MONUMENT
2014	1.058004	717436.364	2145385.204	SET TYPE 3 MONUMENT
2015	1.060000	718906.420	2146598.245	EX. TYPE 2 MONUMENT
2016	1.060004	718878.588	2146115.141	SET TYPE 2 MONUMENT (OLD PT. 85)



(no scale)

CDOT TYPE 2 MONUMENT
TYPICAL DETAIL



(no scale)

CDOT TYPE 5 MONUMENT
TYPICAL DETAIL

NOTES

- THIS SURVEY WAS MADE IN MAY, 1994 FOR THE USE OF THE COLORADO DEPARTMENT OF TRANSPORTATION, TO PROVIDE CONTROL ON THE STATE COORDINATE BASE AS THE CONTROL SURVEY PERFORMED BY JF SATO AND ASSOCIATES TO ESTABLISH THE LOCATION OF ALIQUOT CORNERS AS PART OF THE RIGHT-OF-WAY PLANS FOR CDOT PROJECT IR(CX)025-3(103). CONVERSION FROM STATE PLANE COORDINATES TO PROJECT SPECIFIC MODIFIED DATUM PLANE COORDINATES WAS MADE BY DETERMINING THE RATIO BETWEEN THE KNOWN DISTANCE FROM THE PREVIOUS CONTROL SURVEY BETWEEN POINTS #2005 (OLD POINT #61) AND #2015 (OLD POINT #85), AND THE STATE PLANE GRID DISTANCE BETWEEN THESE POINTS DETERMINED BY THIS SURVEY. THIS STATE PLANE TO PROJECT SPECIFIC MODIFIED DATUM CONVERSION FACTOR WAS CALCULATED TO BE 1.00024797. THE STATE PLANE COORDINATES WERE SCALED BY THIS FACTOR, CONVERTED TO U.S. SURVEY FEET, AND TRANSFORMED SO THAT THE COORDINATES OF THESE EXISTING CONTROL POINTS MATCHED THE PREVIOUSLY DETERMINED COORDINATES OF THE EXISTING CONTROL WORK.
- THIS SURVEY DOES NOT CONSTITUTE A COMPLETE BOUNDARY SURVEY. THE RECTIFICATION OF THE PHYSICAL EVIDENCE WITH THE RECORDED DOCUMENTS IS TO BE PERFORMED BY OTHERS. DETERMINATION OF RIGHTS-OF-WAY AND EASEMENTS WAS NOT IN THE SCOPE OF THIS SURVEY.
- NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVERED 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.
- TOPOGRAPHIC AND NATURAL FEATURES SHOWN ON THIS DOCUMENT ARE FOR ORIENTATION PURPOSES ONLY.
- GEODETIC AND STATE PLANE COORDINATES SHOWN HEREON, ALONG WITH ANY CONVERSION FACTORS OR RELATED DATA, ARE FOR INFORMATIONAL PURPOSES ONLY.
- BASIS OF BEARINGS: THE LINE BETWEEN POINT #2005 AND #2015 BEARS N 08°04'25 E, AS DETERMINED BY THE EXISTING CONTROL SURVEY REFERRED TO IN NOTE 1.
- FAST STATIC GPS CONTROL PRECISION WAS COMPUTED TO MEET OR EXCEED COLORADO DEPARTMENT OF TRANSPORTATION MINIMUM HORIZONTAL TOLERANCE FOR A TYPE A SURVEY (± 0.10 FEET AT 95% CERTAINTY).
- FOR DETAILED LOCATION SKETCHES OF THE MONUMENTS SET BY JFSA, SEE CDOT CONTROL BOOK 34-M-7, PAGES 37-47, ON FILE WITH THE CDOT REGION 6 RIGHT-OF-WAY SURVEYOR (OFFICE).

SURVEYOR'S CERTIFICATION

I, DANIEL P. WILMETH, COLORADO PROFESSIONAL LAND SURVEYOR #25384, CERTIFY THAT THIS CONTROL DIAGRAM WAS MADE BY ME, OR UNDER MY DIRECT RESPONSIBILITY, SUPERVISION, AND CHECKING.



DANIEL P. WILMETH, PLS #25384
DATE 06-08-94

COUNTY FILING CERTIFICATION

DEPOSITED THIS _____ DAY OF _____, 1994, AT _____ M., IN BOOK _____ OF THE
COUNTY SURVEYOR'S LAND SURVEY/RIGHT-OF-WAY SURVEYS AT PAGE _____
RECEPTION NUMBER _____

COUNTY SURVEYOR _____

DEPUTY COUNTY SURVEYOR _____

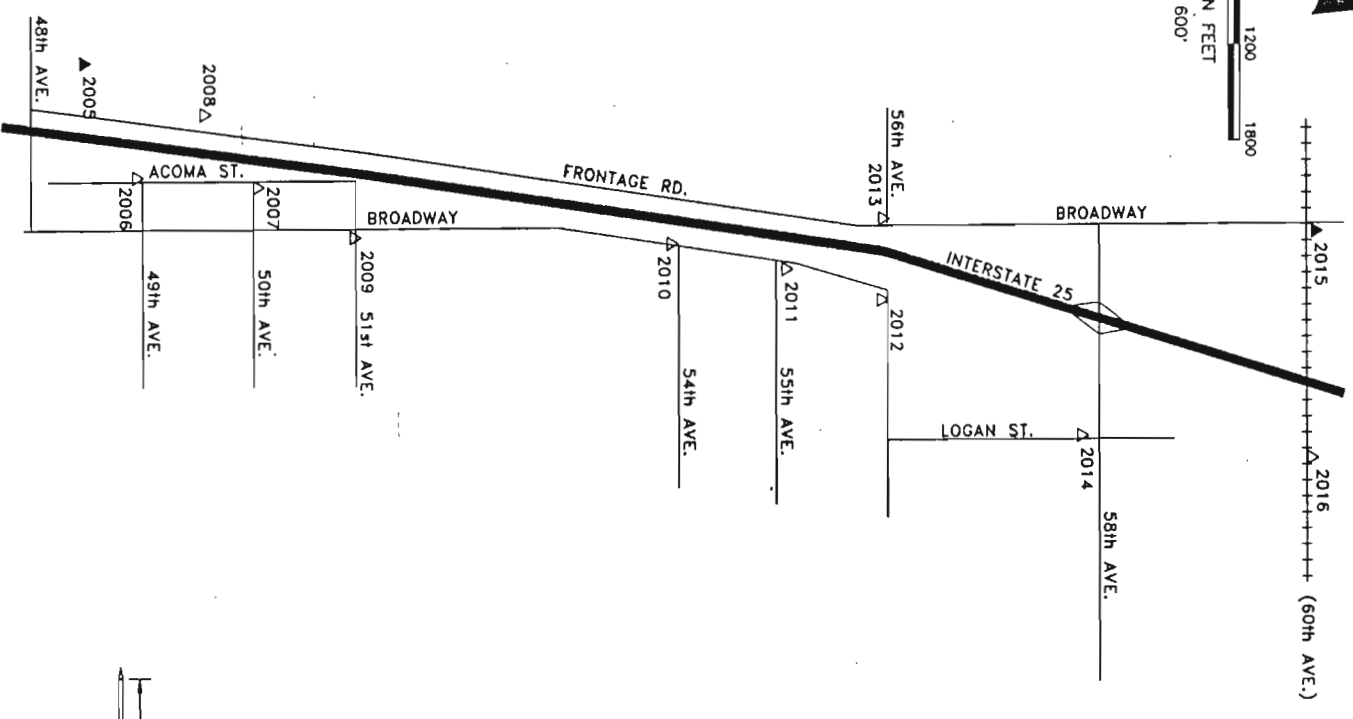
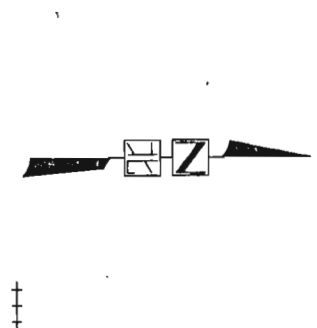
J.F. SATO AND ASSOCIATES
5898 So. Ross St. • Littleton, CO 80120 • (303) 797-1700

INTERSTATE 25				
SUPPLEMENTAL CONTROL				
DATE	PROJECT NO.	DESIGNED BY	SHEET NO.	DRAWING NO.
6-05-94	JF94018	SHL	1	
		CHECKED BY	OF	
			1	
			SHEETS	

SUB ACCOUNT #88204

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO
SURVEY CONTROL DIAGRAM
ALONG INTERSTATE 25 FROM 48TH AVENUE TO 60TH AVENUE
DENVER AND ADAMS COUNTIES, COLORADO
CDOT PROJECT NUMBER NH-IM-IR(CX)025-3(103)
LYING IN SECTIONS 10 AND 15, TOWNSHIP 3 SOUTH, RANGE 68 WEST
OF THE SIXTH PRINCIPAL MERIDIAN

INTERSTATE 25
48th AVENUE TO 60th AVENUE



EXISTING CONTROL TIED AS PART OF THIS SURVEY (NOT SHOWN)
CDOT - DENVER METRO AREA GPS GEODETIC CONTROL SYSTEM
ADJUSTMENT CD0193.LC

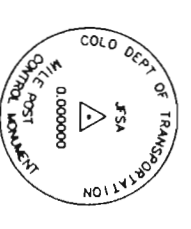
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1206	4.057030	ISLAND	39° 47' 58.57208	105° 01' 31.82448

STATE PLANE COORDINATES AS DETERMINED BY FAST STATIC GPS SURVEY
COLORADO CENTRAL ZONE (METERS)

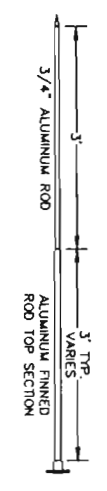
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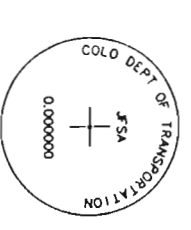
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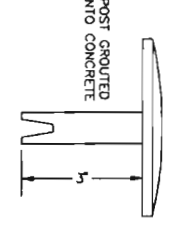
3 1/4" ALUMINUM CAP



(no scale)
CDOT TYPE 2 MONUMENT
TYPICAL DETAIL



3 1/4" ALUMINUM CAP



(no scale)
CDOT TYPE 5 MONUMENT
TYPICAL DETAIL

NOTES

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- FOR DETAILED LOCATION SKETCHES OF THE MONUMENTS SET BY J.F.S.A. SEE CDOT CONTROL BOOK 34-M-7, PAGES 37-47. ON FILE WITH THE CDOT REGION 6 RIGHT-OF-WAY SURVEYOR (OFFICE).

SURVEYOR'S CERTIFICATION

I, DANIEL P. WILMETH, COLORADO PROFESSIONAL LAND SURVEYOR #25384, CERTIFY THAT THIS CONTROL DIAGRAM WAS MADE BY ME, OR UNDER MY DIRECT RESPONSIBILITY, SUPERVISION, AND CHECKING.



DANIEL P. WILMETH, PLS #25384
DATE 06-08-94

COUNTY FILING CERTIFICATION

DEPOSITED THIS _____ DAY OF _____, 1994, AT _____ M., IN BOOK _____ OF THE
COUNTY SURVEYOR'S LAND SURVEY/RIGHT-OF-WAY SURVEYS AT PAGE _____.

RECEPTION NUMBER _____

COUNTY SURVEYOR _____

DEPUTY COUNTY SURVEYOR _____

J.F. SATO AND ASSOCIATES
5898 So. Reno St. • Littleton, CO 80120 • (303) 791-1700

INTERSTATE 25			
SUPPLEMENTAL CONTROL			
DATE	PROJECT NO.	DESIGNED BY	SHEET NO.
6-05-94	JF94018	J.F.S.	1
DRAWN BY		CHECKED BY	OF
			1 SHEETS
			DRAWING NO.

FEDERAL RD. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO			

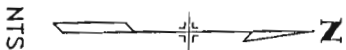
REVISIONS

SUB ACCOUNT #88204

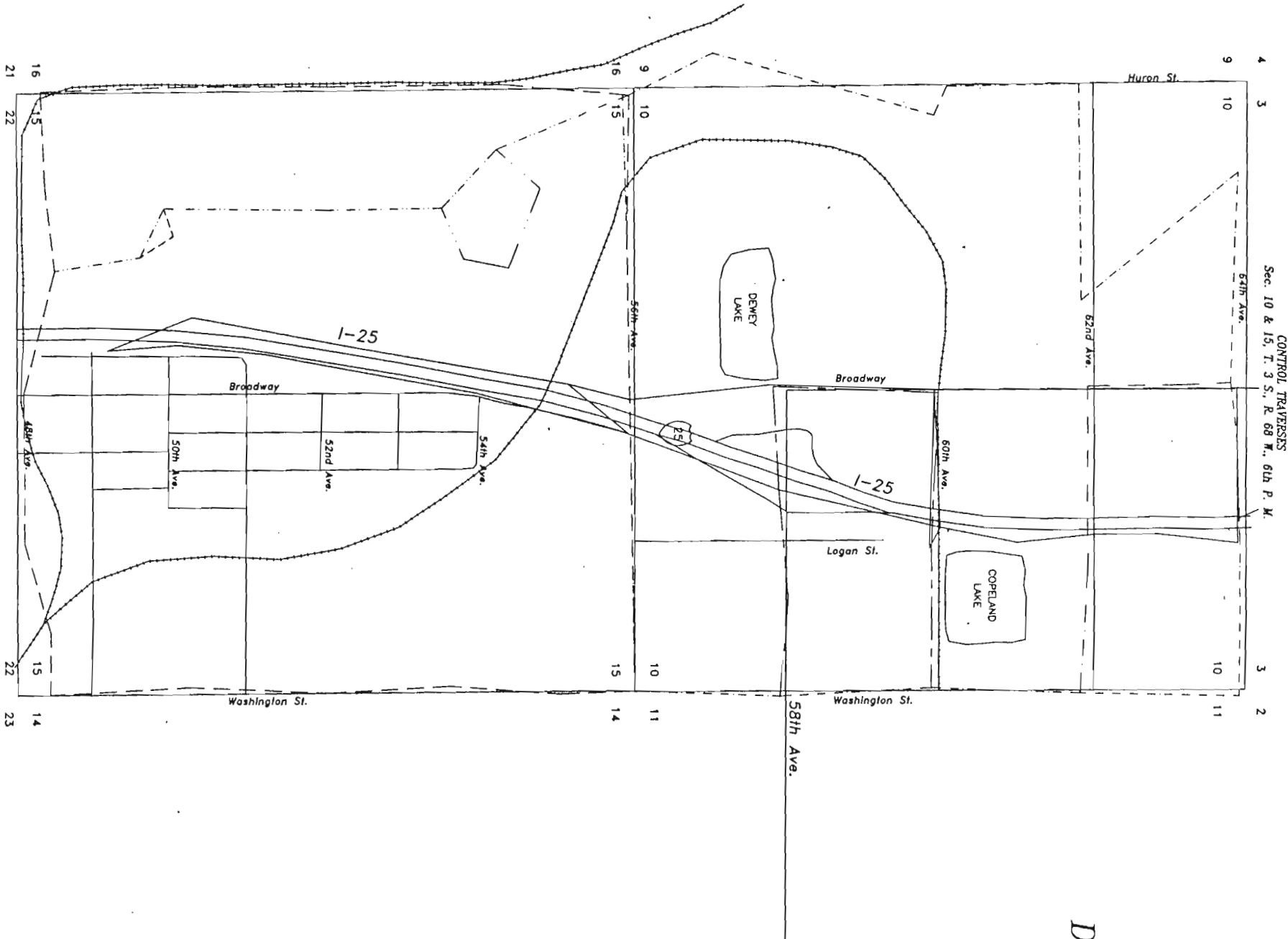
FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO			

RIGHT OF WAY
I-25 @ 58TH AVE.

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO



KEY
TRAVERSE S. 10
TRAVERSE S. 10A
TRAVERSE S. 10B
EXISTING CDOT CONTROL TRAVERSE
TRAVERSE S. 15
TRAVERSE S. 15A
TRAVERSE S. 15B
TRAVERSE S. 15C



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	TITLE, INDEX, AND VICINITY MAP.
2.	CONTROL TRAVERSES FOR SECTION 10, T. 3 S., R. 68 W., 6th P.M.
3.	CONTROL TRAVERSES FOR SECTION 15, T. 3 S., R. 68 W., 6th P.M.
4.	MONUMENT TABULATION SHEET.

SHEET 1 OF 4

J.F. SATO AND ASSOCIATES
Consulting Engineers
Project Managers, Planners & Surveyors
3808 So. Rupp St. • Littleton, CO 80120 • (303) 791-1200

DATE: 1/92

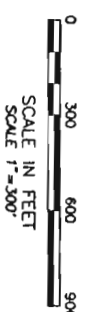
K. PLATTNER

CONTROL TRAVERSES
Sec. 10, T. 3 S., R. 68 W., 6th P. M.

RIGHT OF WAY
I-25 @ 58TH AVE.

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO			

REVISIONS	
9/6/94	Add note of pnts destroyed
R6	



TRAVERSE ERROR ANALYSIS

Traverse No.	S 10	S 10A	S 10B
Theodolite class, seconds	5"	5"	5"
No. of legs	15	4	6
Perimeter, ft.	17,748	3946	6779
Eu, ft.	0.20	0.10	0.12
Eu, ft.	0.12	0.05	0.06
Eu, sec.	35.6	23.6	23.2
Actual angular misclosure, sec.	1.4	3.5	4.8
Relative precision	1:147,000	1:82,500	1:121,600
Eu = Theoretical accumulated error circle.			
Ec = Traverse error of closure (from field data)			
Ep = Theoretical angular misclosure based on 3 x field angle standard error.			

TIES TO EXISTING CONTROL

Point	Error Course (CDOT-JFSA)	Bk/Pg
CDOT 11	S 78° 21' 45" E 0.08'	BK 344-8, PG 30
CDOT 12	S 66° 18' 42" E 0.16'	BK 344-8, PG 28
CDOT 13	N 34° 10' 01" E 0.14'	BK 344-5, PG 61
CDOT 14	N 88° 51' 25" E 0.11'	BK 344-5, PG 43
CDOT 16	S 72° 07' 22" E 0.09'	BK 344-8, PG 26
CDOT 406	N 58° 12' 25" E 0.09'	BK 344-6, PG 58
CDOT 407	N 55° 40' 34" E 0.13'	BK 344-6, PG 57
CDOT 417	N 75° 12' 12" E 0.07'	BK 344-6, PG 56
CDOT 418	N 49° 54' 39" E 0.07'	BK 344-6, PG 59
CDOT 433	N 29° 00' 15" E 0.07'	BK 344-6, PG 32
CDOT 434	N 40° 03' 18" E 0.09'	BK 344-6, PG 29
CDOT 435	N 82° 32' 35" E 0.09'	BK 344-6, PG 38
+1058004	S 60° 31' 56" E 0.07'	BK 344-8, PG 34

LEG	BEARING	DISTANCE
69-55	N 88° 48' 38" E	995.35'
55-78	N 02° 09' 29" E	1264.29'
78-79	N 03° 00' 34" V	1321.87'
79-81	N 02° 13' 58" E	1301.32'
81-83	N 01° 12' 47" E	1381.73'
83-84	S 89° 50' 57" V	1369.68'
84-92	S 88° 18' 03" V	840.96'
92-91	S 83° 52' 11" V	544.64'
91-93	N 88° 39' 58" V	1228.58'
93-94	N 87° 07' 29" V	606.81'
94-90	S 39° 17' 51" E	1758.55'
90-96	S 89° 17' 36" V	1887.33'
96-97	S 80° 52' 05" E	1150.47'
97-98	S 65° 57' 27" E	275.30'
98-99	S 15° 56' 26" V	2005.38'
99-76	S 26° 27' 04" E	811.30'
76-77	S 89° 10' 03" E	1222.61'

TRAVERSE S 10A	BEARING	DISTANCE
LEG		
91-88	S 02° 32' 17" E	399.31'
88-87	S 00° 29' 54" E	847.52'
87-82	N 89° 39' 24" E	1589.20'
82-81	S 87° 00' 54" E	1109.84'

TRAVERSE S 10B	BEARING	DISTANCE
LEG		
79-80	S 89° 51' 46" V	1227.19'
80-85	N 87° 40' 06" V	1364.28'
85-1012	S 03° 01' 14" V	1443.64'
1012-1011	N 86° 41' 27" E	931.40'
1011-1052	N 84° 53' 11" E	936.95'
1052-78	S 85° 31' 29" E	875.38'

NOTE: Control monuments indicated by * were destroyed during the construction phase. New control monuments were set as necessary and published on a supplemental control diagram in this same vicinity by J.F. SATO AND ASSOC. for C.D.O.T. purposes.

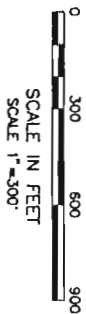
KEY

- CDOT CONTROL POINT
- JFSA CONTROL POINT
- FOUND PROPERTY CONTROL
- FOUND SECTION CONTROL
- SET SECTION CONTROL
- CALCULATED SECTION CONTROL
- TRAVERSE S 10
- TRAVERSE S 10A
- TRAVERSE S 10B
- EXISTING CDOT CONTROL TRAVERSE
- ALIQUOT LINES

CONTROL TRAVERSES
Sec. 15, T. 3 S., R. 68 W., 6th P. M.

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO			
RIGHT OF WAY I-25 @ 58TH AVE.				
REVISIONS				
9/6/94	Add note of prts. destroyed.			R6

NOTE: Control monuments indicated by (X) were destroyed during the construction phase. New control monuments were set and necessary and published on a supplemental control diagram in this same vicinity by J.F. SATO AND ASSOC. for C.D.O.T. purposes.



KEY

TRAVERSE ERROR ANALYSIS				
Traverse No.	S 15	S 15A	S 15B	S 15C
Theodolite class.	5"	5"	5"	5"
No. of legs	19	6	4	2
Perimeter, ft.	20,823	5595	2150	608
Eu, ft.	0.22	0.12	0.10	0.07
Eu, ft.	0.10	0.10	0.05	0.00
Ep, sec.	43.5	29.0	21.8	21.0
Actual angular misclosure, sec.	13.6	1.1	19.3	not measured
Relative precision	1:217,800	1:57,000	1:48,300	1:138,300
Eu = Theoretical accumulated error circle.				
Ec = Traverse error of closure (from field data)				
Ep = Theoretical angular misclosure based on 3 x field angle standard error.				

TRAVERSE S 15				TRAVERSE S 15A			
LEG	BEARING	DISTANCE	LEG	BEARING	DISTANCE	LEG	BEARING
69-55	N 88° 48' 38" E	985.35'	61-100	N 08° 59' 05" W	751.81'		
55-67	S 01° 46' 07" E	664.10'	100-101	N 64° 05' 44" W	480.24'		
67-66	S 04° 10' 31" W	948.47'	101-103	N 00° 48' 22" E	1402.79'		
66-65	S 03° 01' 16" E	1054.20'	103-105	N 00° 45' 28" W	1017.48'		
65-64	S 02° 23' 30" W	1204.22'	105-107	N 46° 56' 00" W	695.81'		
64-63	S 02° 55' 07" E	1230.22'	107-76	N 21° 55' 22" W	1246.66'		
63-62	N 89° 26' 20" W	546.43'					
62-60	S 73° 33' 39" W	823.14'					
60-1152	S 89° 40' 09" W	1310.86'					
1152-61	N 76° 21' 15" W	1108.86'	TRAVERSE S 15B				
61-70	S 83° 21' 27" W	746.93'	107-109	N 41° 23' 57" E	511.10'		
70-71	S 87° 25' 12" W	829.69'	109-108	S 68° 41' 39" E	750.25'		
71-73	N 01° 47' 39" W	1245.88'	108-106	S 11° 29' 13" W	399.22'		
73-74	N 00° 11' 42" E	1241.11'	106-105	S 66° 33' 40" W	489.48'		
74-75	N 00° 23' 41" W	1546.22'					
75-76	N 05° 10' 42" E	1099.84'					
76-77	S 89° 10' 03" E	1222.61'	TRAVERSE S 15C				
77-1013	N 88° 45' 10" E	1439.46'	101-102	N 70° 44' 15" E	257.92'		
1013-69	N 88° 55' 05" E	1575.37'	102-100	S 32° 35' 22" E	350.00'		

SHEET 3 OF 4



J.F. SATO AND ASSOCIATES
Consulting Engineers and Surveyors
5898 So. Hwy. 26 • Littleton, CO 80120 • (303) 797-1200

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO			

RIGHT OF WAY
I-25 @ 58TH AVE.
PLAT NO. 88204

REVISIONS		DATE	DESCRIPTION
2/92	CDOT MONUMENT INDEX ADDED	SH	

SET TRAVERSE POINTS

POINT #	NORTHING	EASTING	DESCRIPTION
61	711202.5813	2143605.4563	JPSA TRAVERSE PT.
62	711181.4941	2146783.3521	JPSA TRAVERSE PT.
63	711176.1418	2147329.7532	JPSA TRAVERSE PT.
64	712404.7703	2147267.1164	JPSA TRAVERSE PT.
66	714660.6763	2147261.8070	JPSA TRAVERSE PT.
67	715606.6326	2146325.2280	JPSA TRAVERSE PT.
69	716249.9640	2146325.2280	CDOT MON (FND)
70	711116.1814	2142863.5378	JPSA TRAVERSE PT.
71	711078.8346	2142034.6870	JPSA TRAVERSE PT.
73	712324.1039	2141995.6791	JPSA TRAVERSE PT.
74	713565.2060	2141999.9013	JPSA TRAVERSE PT.
75	715111.3902	2141989.2461	JPSA TRAVERSE PT.
76	716206.7444	2142088.5114	JPSA TRAVERSE PT.
77	716188.9777	2143310.9893	JPSA TRAVERSE PT.
78	717533.8053	2147357.9771	JPSA TRAVERSE PT.
79	718853.8488	2147288.5802	JPSA TRAVERSE PT.
80	718850.9121	2146061.3900	CDOT REF MON FOR #35
81	720154.1769	2147339.2794	JPSA TRAVERSE PT.
82	720212.0126	2146230.9639	JPSA TRAVERSE PT.
83	721535.5917	2147358.5309	JPSA TRAVERSE PT.
84	721531.9833	2145998.8571	JPSA TRAVERSE PT.
85	718906.4196	2144698.2448	JPSA TRAVERSE PT.
87	720202.4897	2144641.7970	JPSA TRAVERSE PT.
88	721049.9729	2144634.4254	JPSA TRAVERSE PT.
90	720147.0416	2143896.2255	JPSA TRAVERSE PT.
91	721448.8861	2144616.7434	JPSA TRAVERSE PT.
92	721507.0470	2145158.2681	JPSA TRAVERSE PT.
93	721477.4457	2143388.4998	JPSA TRAVERSE PT.
94	721507.9251	2142782.4588	JPSA TRAVERSE PT.
96	720123.7599	2142009.0378	JPSA TRAVERSE PT.
97	718973.4227	2142026.4645	JPSA TRAVERSE PT.
98	718861.2616	2142277.8793	JPSA TRAVERSE PT.
99	716932.9934	2141727.1197	JPSA TRAVERSE PT.
100	711945.1638	2143488.0476	JPSA TRAVERSE PT.
101	712154.9676	2143056.0586	JPSA TRAVERSE PT.
102	712240.0531	2143299.5343	JPSA TRAVERSE PT.
103	713557.6177	2143075.7969	JPSA TRAVERSE PT.
105	714573.0102	2143062.3424	JPSA TRAVERSE PT.
106	714769.7055	2143511.4780	JPSA TRAVERSE PT.
107	715050.1460	2143554.0097	JPSA TRAVERSE PT.
108	715160.9326	2143590.9802	JPSA TRAVERSE PT.
109	715433.5348	2142892.0031	JPSA TRAVERSE PT.
1011	717518.5484	2145552.0259	CDOT MON #11 (FND)
1012	717464.7829	2144622.1760	CDOT MON #12 (FND)
1013	716220.3089	2144750.1094	CDOT MON #13 (FND)

FOUND SECTION CONTROL

POINT #	NORTHING	EASTING	DESCRIPTION
55	716270.4172	2147310.3688	NE COR S15 T3S. 68W
65	713607.9430	2147317.3684	E 1/4 S15 T3S. 68W
168	713586.0175	2144681.1235	C 1/4 S15 T3S. 68W
211	716215.0293	2144675.0376	S 1/4 SEC 10 T3S. 68W
312	710944.7795	2147324.4459	SE COR S15 T3S. 68W
313	712275.9863	2147321.0957	S 1/16 S14 & S15 T3S. 68W
315	710932.3669	2143362.1470	SW COR S15 T3S. 68W
316	710932.3669	2142041.2575	SW COR S15 T3S. 68W
317	713564.8374	2142028.9569	W 1/4 S15 T3S. 68W
318	716209.1236	2142038.1626	NW COR S15 T3S. 68W
321	717582.0757	2147308.7730	S 1/16 S10 & S11 T3S. 68W
322	718893.4283	2147307.4129	E 1/4 S10 T3S. 68W
324	720204.5860	2147304.5395	N 1/16 S10 & S11 T3S. 68W
325	721515.914L	2147301.5279	NE COR S10 T3S. 68W
328	718882.2352	2145988.0134	C-E 1/16 S10 T3S. 68W
335	721501.2293	2144662.2843	N 1/4 S10 T3S. 68W
336	721508.5837	2145981.8334	E 1/16 S3 & S10 T3S. 68W
337	721493.7582	2143344.8839	W 1/16 S3 & S10 T3S. 68W
338	721486.5831	2142027.2012	NW COR S10 T3S. 68W
340	720167.6271	2142027.1387	N 1/16 S9 & S10 T3S. 68W
341	718848.3386	2142027.0013	W 1/4 S10 T3S. 68W
344	714900.5386	2144678.0988	C-N 1/16 S15 T3S. 68W
1023	718871.0379	2144668.7689	C 1/4 S10 T3S. 68W
1152	710940.9783	2144683.0164	S 1/4 S15 T3S. 68W

CALCULATED SECTION CONTROL

POINT #	NORTHING	EASTING	DESCRIPTION
348	717542.9487	2144671.9830	C-S 1/16 S10 T3S. 68W (C)
349	714939.1801	2147313.8886	N 1/16 S14 & S15 T3S. 68W (C)
352	714886.9805	2142033.5598	N 1/16 S15 & S16 T3S. 68W (C)
353	714893.7596	2143355.8327	NW 1/16 S15 T3S. 68W (C)
356	712248.6022	2142035.1072	S 1/16 S15 & S16 T3S. 68W (C)
359	713596.9802	2145999.2710	C-E 1/16 S15 T3S. 68W (C)
360	714919.8594	2145995.9871	NE 1/16 S15 T3S. 68W (C)
361	710942.8789	2146003.7312	E 1/16 S15 & S22 T3S. 68W (C)
364	717562.5124	2145990.3583	SE 1/16 S10 T3S. 68W (C)

SET SECTION CONTROL

POINT #	NORTHING	EASTING	DESCRIPTION
60	710948.5480	2145993.8580	DENVER RANGE PT.
121	717511.0634	2146431.9282	PK @ 58TH/LOCAN CT
122	717396.7103	2146434.6807	#5 REBAR CL LOC CT
123	717396.7588	2146451.3308	PK NAIL CL LOC CT
124	717277.9040	2146438.7065	PK NAIL LOCAN CT
125	717277.9038	2146452.5229	PK NAIL LOCAN CT
126	717274.1302	2146452.5229	PK NAIL LOCAN CT
127	716939.0105	2146451.7389	BOLT SHRE LOC CT
128	716929.8857	2146452.0797	PM/CAP LOCAN CT
129	716905.2429	2146452.0797	#5 REBAR LOCAN CT
130	716905.7957	2146419.3877	PM/CAP LOCAN CT
131	716903.5398	2146243.1205	PM/CAP LOCAN CT
132	716907.7055	2146648.8280	PM/CAP LOCAN CT
133	717222.8504	2146648.5032	PM/CAP LOCAN CT
134	716578.0384	2146419.6153	PM/CAP LOCAN CT
135	716575.1316	2146419.2885	PM/CAP LOCAN CT
136	716508.8011	2146444.6638	PM/CAP LOCAN CT
138	716509.7860	2146534.3331	PM/CAP LOCAN CT
139	716576.6706	2146534.4277	#5 REBAR LOCAN CT
140	716576.7448	2146557.1588	#8 REBAR LOCAN CT
141	716591.9622	2146557.2571	#8 REBAR LOCAN CT
142	716274.8012	2146444.2986	#4 REBAR LOCAN CT
143	716275.6432	2146534.7779	PM/CAP LOCAN CT
144	716276.8928	2146649.7677	PM/CAP LOCAN CT
145	716277.6701	2146784.5031	#4 REBAR 56/LOC CT
146	716592.6586	2146649.0718	REBAR/74G LOCAN CT
147	716732.8095	2146978.8318	#6 REBAR LOCAN CST
148	716732.2838	2146020.5112	#3 REBAR LOCAN CT
149	716900.8285	2146018.2893	PM/CAP LOCAN CT
306	717519.2753	2146010.6665	CHESTELED+ LOCAN CT
307	717030.9065	2146018.2373	PM/CAP LOCAN CT
308	717231.9343	2146018.4855	CHESTELED+ LOCAN CT
309	717232.1762	2146018.7594	CHESTELED+ LOCAN CT
310	710941.8942	2145498.7902	DENVER RP 48/SHERM
311	710946.1929	2145818.8370	DENVER RP 48/GRAUNT
314	714937.2714	2147313.8579	D.W.D. ROW MARKER
319	716242.2041	2143355.9336	PROPERTY PM/56TH
320	716182.0206	2143354.7149	PROPERTY PM/56TH
323	720174.5951	2147354.6527	BURDICK PIN & CAP
327	718882.2199	2145986.6915	PM & CAP CL LOCAN
339	720178.8828	2143349.6240	#5 REBAR 62nd AVE
342	717555.7822	2145989.5803	#4 REBAR 58/LOCAN
343	717555.9486	2145987.5161	NAIL 58TH/LOCAN
344	717560.8794	2145987.7682	#3 REBAR 58/LOCAN

GENERAL NOTES

- The purpose of this survey is to establish the location of the original corners that will be needed to define the right-of-way of I-25 thru sections 10 & 13, T3S. R68W. This survey was not constitute the determination of property, statement or Right-of-Way lines.
- Original CDOT control network is purported to be set to 1:100,000 precision or greater; secondary J. F. Sato traverses computed to exceed 1:45,000 precision.
- Coordinates are based on CDOT 1:056004 at 56th & Logan, N 716249.964, E 2146325.228. Bearings are based on the line between CDOT 1:056004 and CDOT N 88 48 30" E, as defined by inverse between published CDOT coordinates.
- A spot observation was made November 29, 1991 on the line between JPSA Traverse Point #53 and Traverse Point CD-12, for reference to astronomic north. The bearing was observed to be S 03° 21' 17" W.
- Original field books (344-1 thru 344-9) containing the field work shown hereon are on file at CDOT, District 6.
- According to Colorado law, you must commence any legal action based on any defect in this survey within three years after you discover such defect. In any action brought on any defect in this survey by any person other than ten years from the date of certification shown hereon.
- Set aliquot corners are Type 3A CDOT monuments.
- Set Traverse Points are Type 2 CDOT monuments.
- CDOT Project Number R(CX) 025-X(103).
- JPSA Project Number J85006.

SHEET 4 OF 4

J.F. SATO AND ASSOCIATES
Consulting Engineers
Project Managers, Planners & Surveyors
3608 So. Hwy 5 - Littleton, CO 80120 • (303) 771-1200

SURVEYOR CERTIFICATE

I, Daniel P. Winkler, a Registered Land Surveyor in the State of Colorado, hereby certify that this control diagram was prepared using a compilation of record document information and field surveys, and was made by me, or under my direct responsibility, supervision, and checking, for and on behalf of the Colorado Department of Transportation.



P.L.S. 25384

02-19-92

TABULATION OF R.O.W. MONUMENTS
TO BE SET

CONTROL AND MONUMENTATION SHEET
NHIMIR(CX) 025-3(103) UNIT 3

PNT	NORTHING	EASTING	DESCRIPTION OF MONUMENTS
126	715719.328	2144956.155	Type 1
403	716204.461	2145186.121	Type 1
404	716195.170	2145186.205	Type 1
405	716194.856	2145151.206	Type 1
406	716180.579	2145131.209	Type 1
409	715531.755	2144899.127	Type 1
411	715424.799	2144869.037	Type 1
413	714806.550	2144407.898	Type 1
412	714352.299	2144376.771	Type 1
414	714547.755	2144388.516	Type 1
417	713542.874	2144214.632	Type 1
421	712890.102	2144420.546	Type 1
422	712865.009	2144395.559	Type 1
432	715862.789	2145003.811	Type 1
433	715592.068	2144916.458	Type 1

FEDERAL ROAD SECTION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NHIMIR(CX) 025-3(103) UNIT 3	3E	
RIGHT OF WAY				
S.H. 25				
E. 60th Ave.				
to				
W. 51st Ave.				
REVISIONS				

GENERAL NOTES

1. This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Highway Department purposes Only.
2. Survey Control Points set with a higher degree of accuracy than ROW Markers.
3. NOTICE: 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 certification shown hereon.
4. All R.O.W. Markers set from survey control points.
5. Right of Way boundaries are based off of Aliquot corners and found boundary evidence as determined by field survey (see sheet 3-3D of CDOT Project NHIMIR(CX)025-3(103) Unit 3.
6. No Warranty is implied or expressed unless this sheet bears the original signature and seal of preparer.
7. All coordinates listed are project coordinates only and are based in U.S. Survey feet.
8. BASIS OF BEARING: The line between control point # 2005 and #2015 which bears N. 8°04'25"E. as published on Sheet 3D of CDOT Project NHIMIR(CX)025-3(103) Unit 3.
9. THE COORDINATE BASE: The coordinate base and aliquot corners are based off of the Control Survey Diagram as published on Sheet 3D of Project NHIMIR(CX)025-3(103) Unit 3.

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	4	5
REFERENCE								
RIGHT OF WAY	15							
CONTROL								
ALIQUOT CORNER								
WITNESS POST								

SURVEYOR CERTIFICATE (FIELD)

Right of Way Monumentation was done under my supervision and checking.

NAME _____ P.L.S. NO. _____

DATE _____

SURVEYOR CERTIFICATE (OFFICE)

R.O.W. Plans and Legal Descriptions were prepared under my supervision and checking.

NAME _____ P.L.S. NO. _____

DATE _____

FED. ROAD		DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
REGION	COLO.				
VIII	NHMR(CX)025-3(103) UNIT 3			4	14

PARCEL NO. OWNERS
D. & R.G.V. Railroad Company,
a Delaware Corporation
BLOCK 31 592.70'D
599.11'C

MAPLETON ADDITION Z
BLOCK 26
374.35'D
374.30'C

RIGHT OF WAY
1-25
E. 60th AVE.
TO W. 51st AVE.

TE-300 PE-300
N 0°00'20" W
BLOCK 32
592.70'D
599.11'C

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

PACIFICA BROADWAY PARTNERSHIP,
a Colorado General Partnership
BOOK 3803 PG 324
BOOK 3803 PG 328

CARY L. GAGLIA &
LEONA GAGLIA
BOOK 280 PG 969

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

JOHN L. LARSON SR. &
MARGARET E. LARSON
BOOK 2247 PG 834

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

WELBOURNE INVESTMENT CO.,
A GENERAL PARTNERSHIP
VACATED 30' ROW
W/ EASEMENT
RIGHTS RESERVED
BK 1295 PG 282

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

NORTH BROADWAY INDUSTRIAL PARK SUB.
N 89°30'28" E 1320.93'
N 89°44'31" E 420.06'
N 89°50'13" E 494.55'
N 89°50'13" E 514.50'

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
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MARGARET E. LARSON
BOOK 2247 PG 834

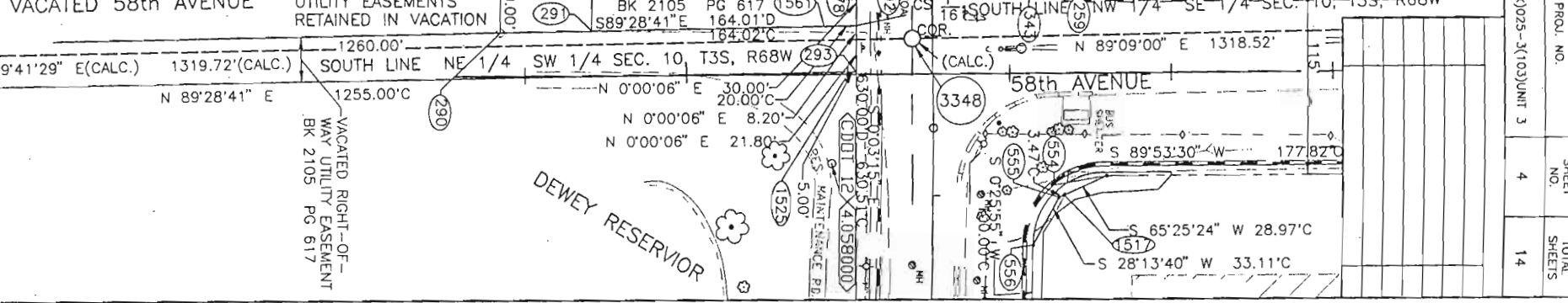
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A COLORADO CORPORATION
BOOK 3552 PG 330

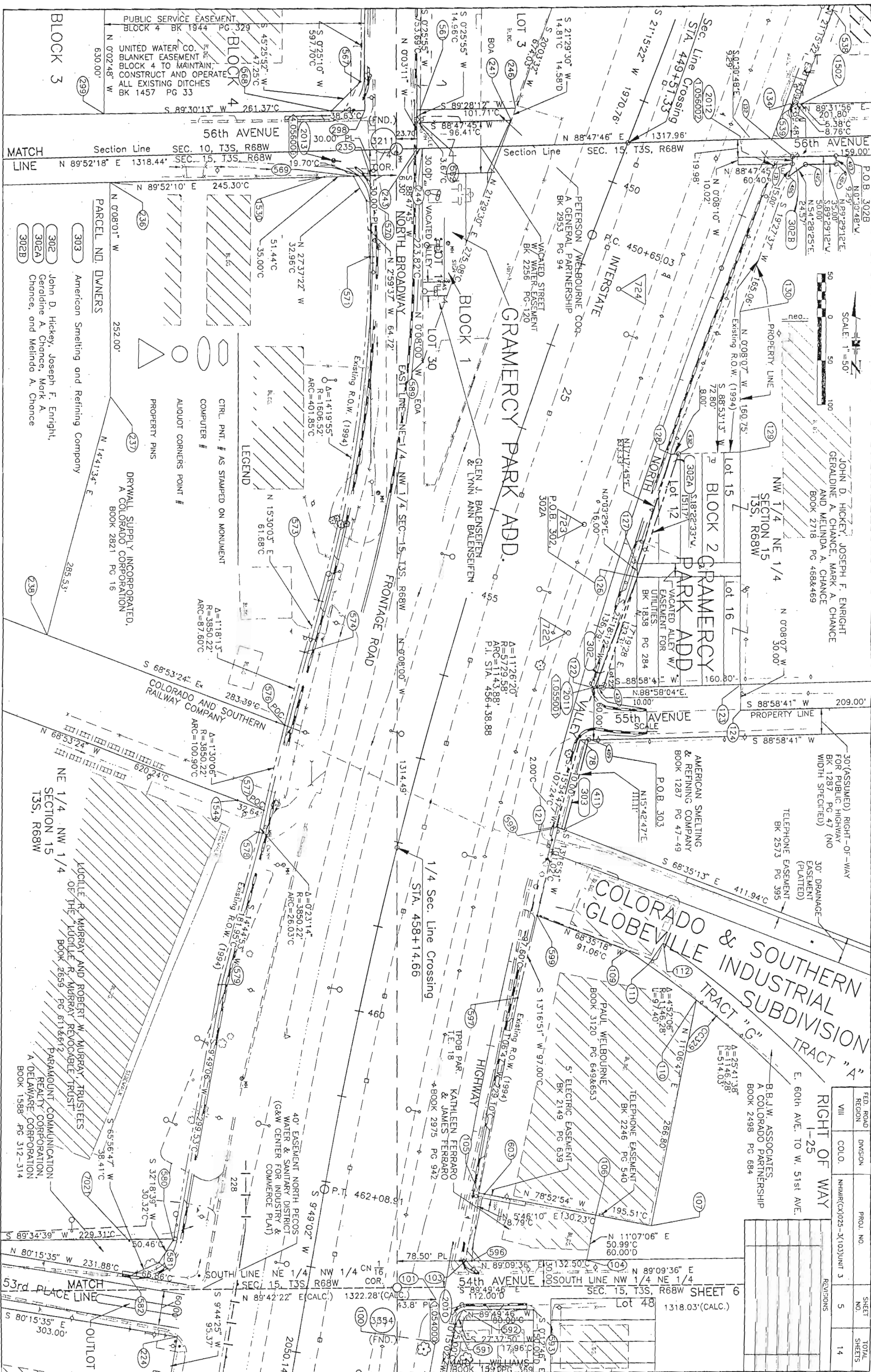
U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

JOHN L. LARSON SR. &
MARGARET E. LARSON
BOOK 2247 PG 834

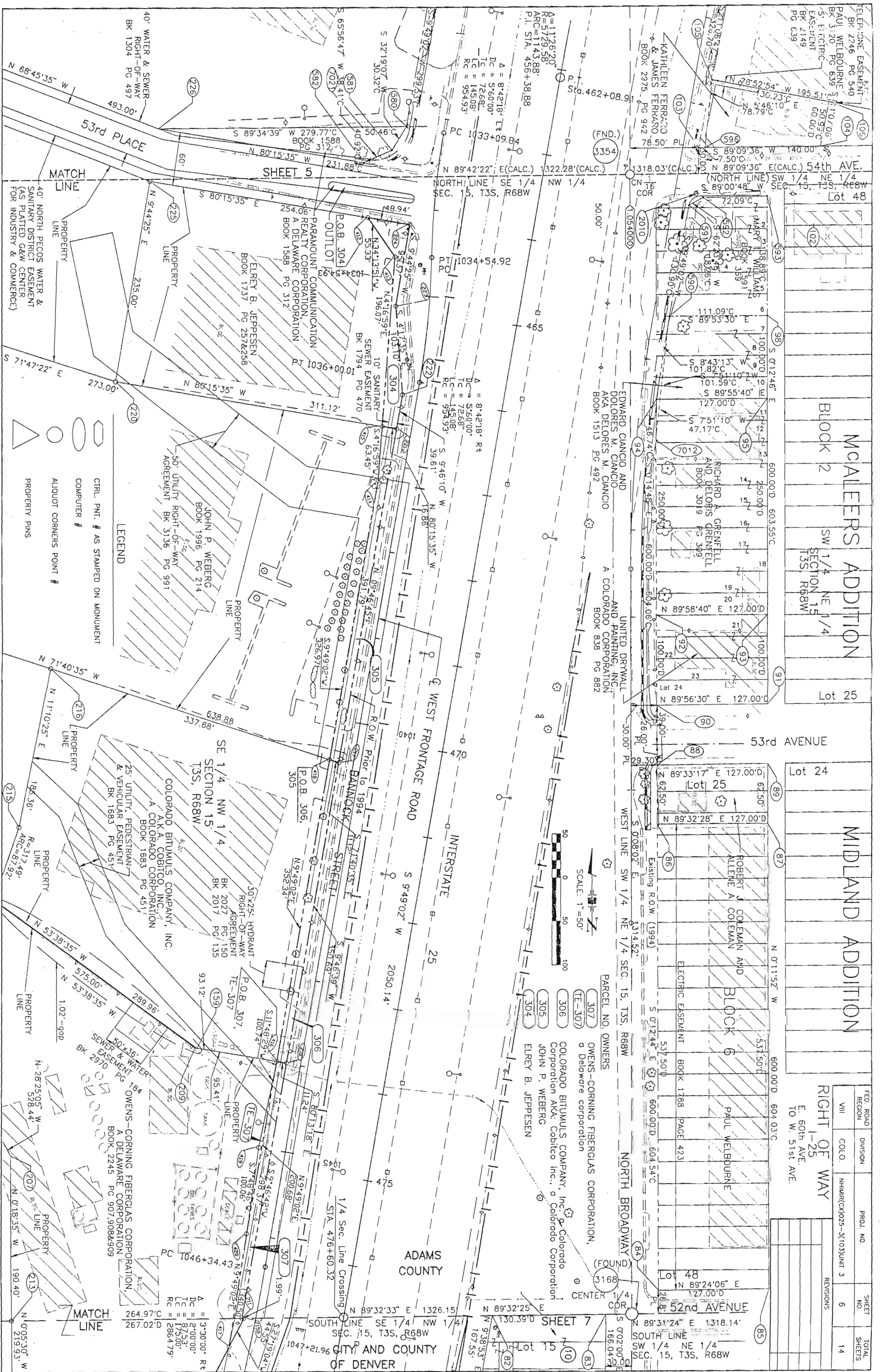
U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

U.S. MOTELS DENVER NORTH, INC.,
A COLORADO CORPORATION
BOOK 3552 PG 330

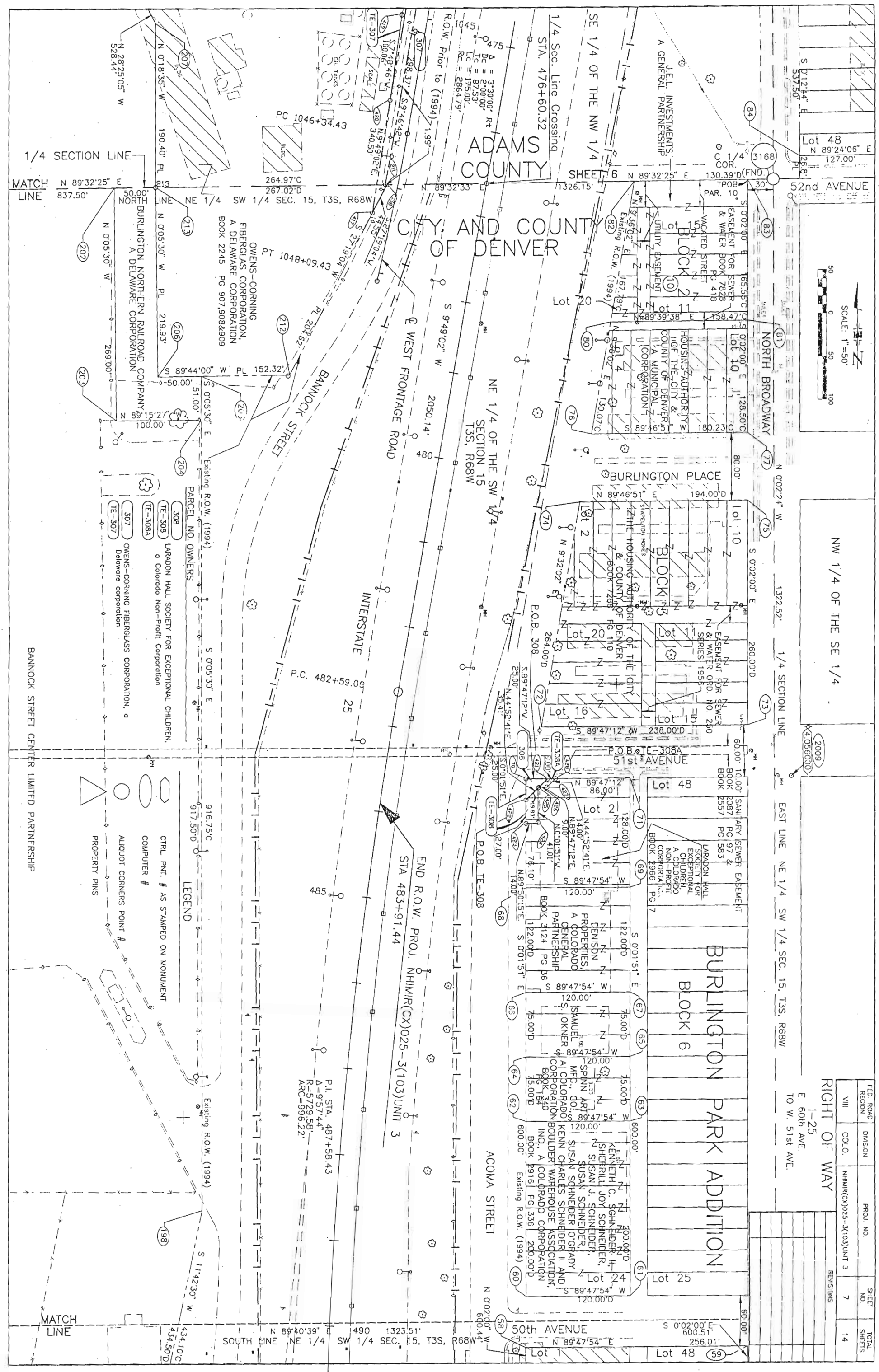




FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	NHHR(CX)025-3(103)UNIT 3	5	14



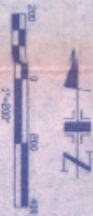
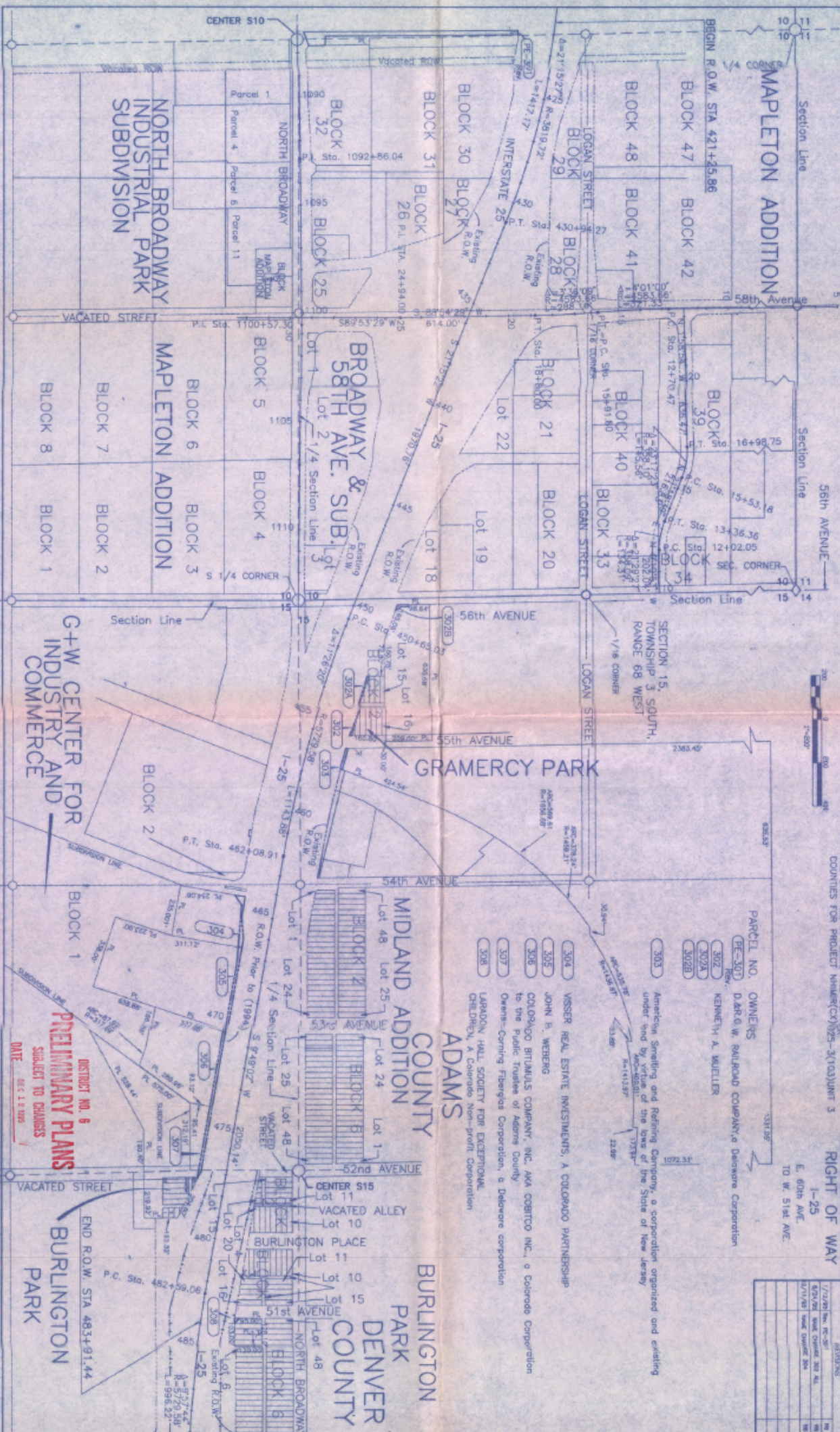




FED. ROAD RECON.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	NHMR(CX)025-3(103)UNIT 3	7	14

RIGHT OF WAY
1-25
E. 60th AVE.
TO W. 51st AVE.

MAPLETON ADDITION



PRELIMINARY OWNERSHIP MAP FOR THAT PART OF SEC. 10 & 15, T.3S., R.6W., OF THE 6TH P.M. IN ADAMS AND DENVER COUNTIES FOR PROJECT NUMBER(CO)025-3(10)3 UNIT 3

RIGHT OF WAY

E. 60th AVE.
TO W. 51st AVE.

PARTIAL NO. OWNERS

PARCEL NO. 302
DARLE W. RAILROAD COMPANY, a Delaware Corporation
KENNETH A. WATTLER

302B

303

American Smelting and Refining Company, a corporation organized and existing under and by virtue of the laws of the State of New Jersey

304

305

306

307

308

WISSER REAL ESTATE INVESTMENTS, A COLORADO PARTNERSHIP
JOHN E. WEBBERG
COLORADO BITUMINUS COMPANY, INC. AKA COBITCO INC., a Colorado Corporation
to the Public Trustee of Adams County
Owens-Corning Fiberglas Corporation, a Delaware corporation
LARDON HALL SOCIETY FOR EXCEPTIONAL CHILDREN, A Colorado Non-profit Corporation
ADAMS

ADAMS

MIDLAND ADDITION
COUNTY

BURLINGTON PARK
DENVER COUNTY

DISTRICT NO. 6
PRELIMINARY PLANS
SUBJECT TO CHANGES
DATE DEC 1 & 1995

FILE NO.	DIVISION	PHOTO NO.	SHEET NO.	TOTAL SHEETS
000	000	000	000	000

DATE	BY	REVISION
1/12/95	RE-303	REVISION
5/24/95	RE-303	REVISION
5/11/95	RE-303	REVISION

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	NHIMIR(CX)025-3(103)UNIT 3	1	14
RIGHT OF WAY 1-25 (E. 60th AVE. TO W. 51st AVE.)				
REVISIONS				

RIGHT OF WAY PLAN OF PROPOSED
FEDERAL AID PROJECT NO. NHIMIR(CX)025-3(103)UNIT 3

STATE HIGHWAY NO. 25
ADAMS & DENVER COUNTIES

SECTIONS 10 & 15, T.3S., R.68W. OF THE 6TH P.M.
RIGHT OF WAY

PLAN SHEETS 1 IN. = 50 FT.
OWNERSHIP MAP 1 IN. = 200 FT.
R.O.W. LENGTH OF PROJECT = 1.19 miles



INDEX OF SHEETS

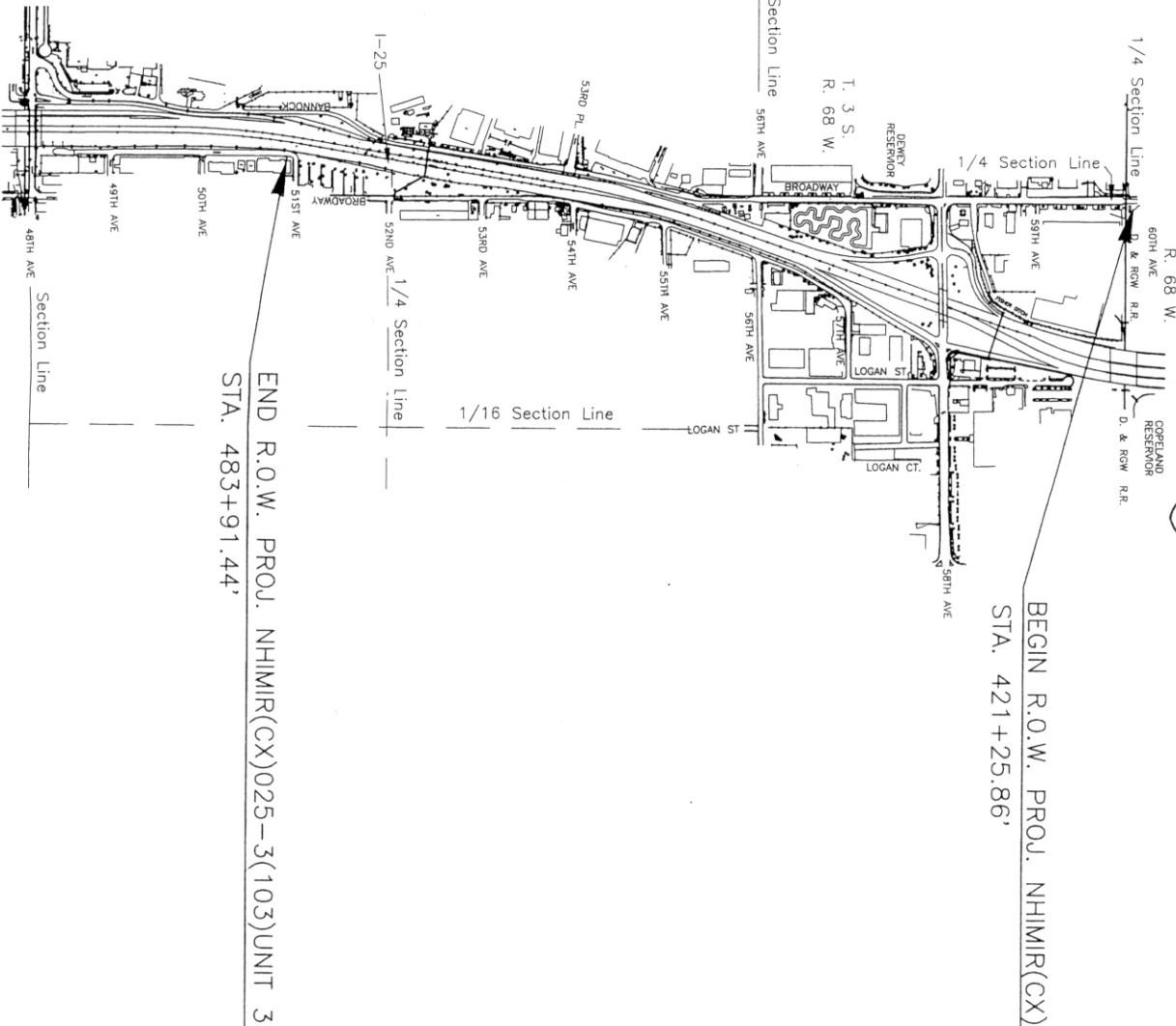
1	TITLE SHEET
2, 2A	TABULATION OF PROPERTIES SHEETS
3, 3A-3E	CONTROL AND MONUMENTATION SHEETS
4-7	PLAN SHEETS
8	OWNERSHIP MAP

CONVENTIONAL SIGNS

County Line	-----	-----	-----
Township or Range Line	-----	-----	-----
Land Lines	Section Line	1/4 Section Line	1/16 Section Line
Property or Tract Line	-----	-----	-----
Property or Tract Line W/ Bearing & Distance	N 02°00' E 100.09'C 100.00'0		
Calculated Distance (Based On Control Surveys)	100.09'C		
Deed or Plat Distance	100.00'0		
True Point of Beginning w/ Parcel Number	TP08 Par. 56		
City Limits	~~~~~		
Railroad	+++++		
Existing Road	=====		
New Road	=====		
Control of Access	-----	-----	-----
Access denied by Deed	-----	-----	-----
Existing Right of Way Line	-----	-----	-----
Proposed Right of Way Line	-----	-----	-----
Existing Easement	-----	-----	-----
Proposed Temporary Easement	-----	-----	-----
Proposed Permanent Easement	-----	-----	-----
Controlled Access	-----	-----	-----
Controlled Frontage Road	-----	-----	-----
Protected by Freeway(Virgin Location)	-----	-----	-----
Top of Cuts	-----	-----	-----
Toe of Fills	-----	-----	-----
Barbed Wire Fence	-----	-----	-----
Chain Link Fence	-----	-----	-----
Woven Wire-Combination Fence	-----	-----	-----
Snow Fence	-----	-----	-----
Wood Fence	-----	-----	-----
Deer Fence	-----	-----	-----
Trees	-----	-----	-----
Tel. & Teleg. Lines	-----	-----	-----
Electric Lines	-----	-----	-----
Elec. Trans. Tower	-----	-----	-----
Buried Tel. Cable	-----	-----	-----
Buried Electric Cable	-----	-----	-----
Gas Main	-----	-----	-----
Oil Main	-----	-----	-----
Water Main	-----	-----	-----
Sanitary Sewers	-----	-----	-----
Storm Sewers	-----	-----	-----
Road Approaches	-----	-----	-----
Section Corner	-----	-----	-----
1/4 Corner & 1/16 Corner	-----	-----	-----
Center of Section	-----	-----	-----
Culverts & Drains	-----	-----	-----
Proposed Existing	-----	-----	-----
Proposed (to be dashed)	-----	-----	-----
Bridges	-----	-----	-----

BASIS OF BEARINGS

The line between control point # 2005 and #2015
bears N. 87°04'25" E. as published on sheet 3D.



END R.O.W. PROJ. NHIMIR(CX)025-3(103)UNIT 3
STA. 483+91.44'

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	DATE
AUTHORIZED	
DIVISION ADMINISTRATOR	

R.D.W. TABULATION OF PROPERTIES IN ADAMS & DENVER COUNTIES

S.H. NO. 1-25

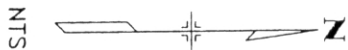
RIGHT OF WAY
I-25 (E. 60th AVE.
TO W. 51st Ave.)

R.D.W. TABULATION OF PROPERTIES IN ADAMS & DENVER COUNTIES										S.H. NO. I-25		RIGHT OF WAY I-25 (E. 60th AVE. TO W. 51st Ave.)				FED. ROAD REGION		DIVISION		PROJ. NO.		SHEET NO.	
										XIII		COLO.		NHIMR(CX)025-3(103)UNIT 3		2							
PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN SQ. FT.				PARCEL NO.	REMARKS	REVISIONS													
				PARCEL	TO BE ACQUIRED	LEFT	REMAINDER RIGHT			1/12/95	Del. TE-301, Rev. PE-301	8/24/95	NAME CHANGE 302 ALL	12/11/95	NAME CHANGE 304	12/12/96	ADD TE-301A						
PE-301 Rev.	D. & R.G.W. Railroad Company, a Delaware Corporation	Denver, Colorado	T. 3 S., R. 68 W., 6th P.M. SW 1/4 NE 1/4, Sec. 10	23,081	23,081			PE-301 Rev.	For construction and maintenance of storm sewer.														
TE-301A	SAME AS PE-301 Rev.		SW 1/4 NE 1/4, Sec. 10	8748				TE-301A	For construction of a storm sewer.														
TE-301 Del.	Deleted							TE-301 Del.															
302	KENNETH A. MUELLER	5500 Lincoln Drive Denver, Colorado	Lots 21 & 22, Block 2 GRAMERCY PARK NW 1/4 NE 1/4, Sec. 15	633	633	158,623		302															
302A	See Parcel 302	See Parcel 302	Lots 11 & 12, Block 2	886	886	See Parcel 302	302A																
302B	See Parcel 302	See Parcel 302	NW 1/4 NE 1/4, Sec. 15	570	570	See Parcel 302	302B																
303	American Smelting and Refining Company	505 East 52nd Avenue Denver, Colorado	NW 1/4 NE 1/4, Sec. 15	1,066	1,066	64 ac ±	303																
304	VISSER REAL ESTATE INVESTMENTS, A COLORADO PARTNERSHIP	13333 E. 37TH AVE. Denver, Colorado 80239	BLOCK 1 G+W CENTER FOR INDUSTRY AND COMMERCE SE 1/4 NW 1/4, Sec. 15	3,658	3,658	69,789	304																
305	JOHN P. WEBERG	Bannock Street Denver, Colorado	BLOCK 1 G+W CENTER FOR INDUSTRY AND COMMERCE SE 1/4 NW 1/4, Sec. 15	4,442	4,442	215,951	305																
306	COLORADO BITUMULS COMPANY, Inc. a Colorado Corporation AKA Cobitco, Inc., a Colorado Corporation	5301 Bannock Denver, Colorado	BLOCK 1 G+W CENTER FOR INDUSTRY AND COMMERCE SE 1/4 NW 1/4, Sec. 15	3,908	3,908	112,857	306																
307	DWENS-CORNING FIBERGLASS CORPORATION, a Delaware corporation	Bannock and I-25 Denver, Colorado	BLOCK 1 G+W CENTER FOR INDUSTRY AND COMMERCE SE 1/4 NW 1/4, Sec. 15 Lot 15, BLOCK 1 BURLINGTON PARK NE 1/4 SW 1/4, Sec. 15	3664	3664	184,804	307																
TE-307	See Parcel 307	See Parcel 307	BLOCK 1 G+W CENTER FOR INDUSTRY AND COMMERCE	350	350	-----	TE-307	For grading of roadway slopes.															

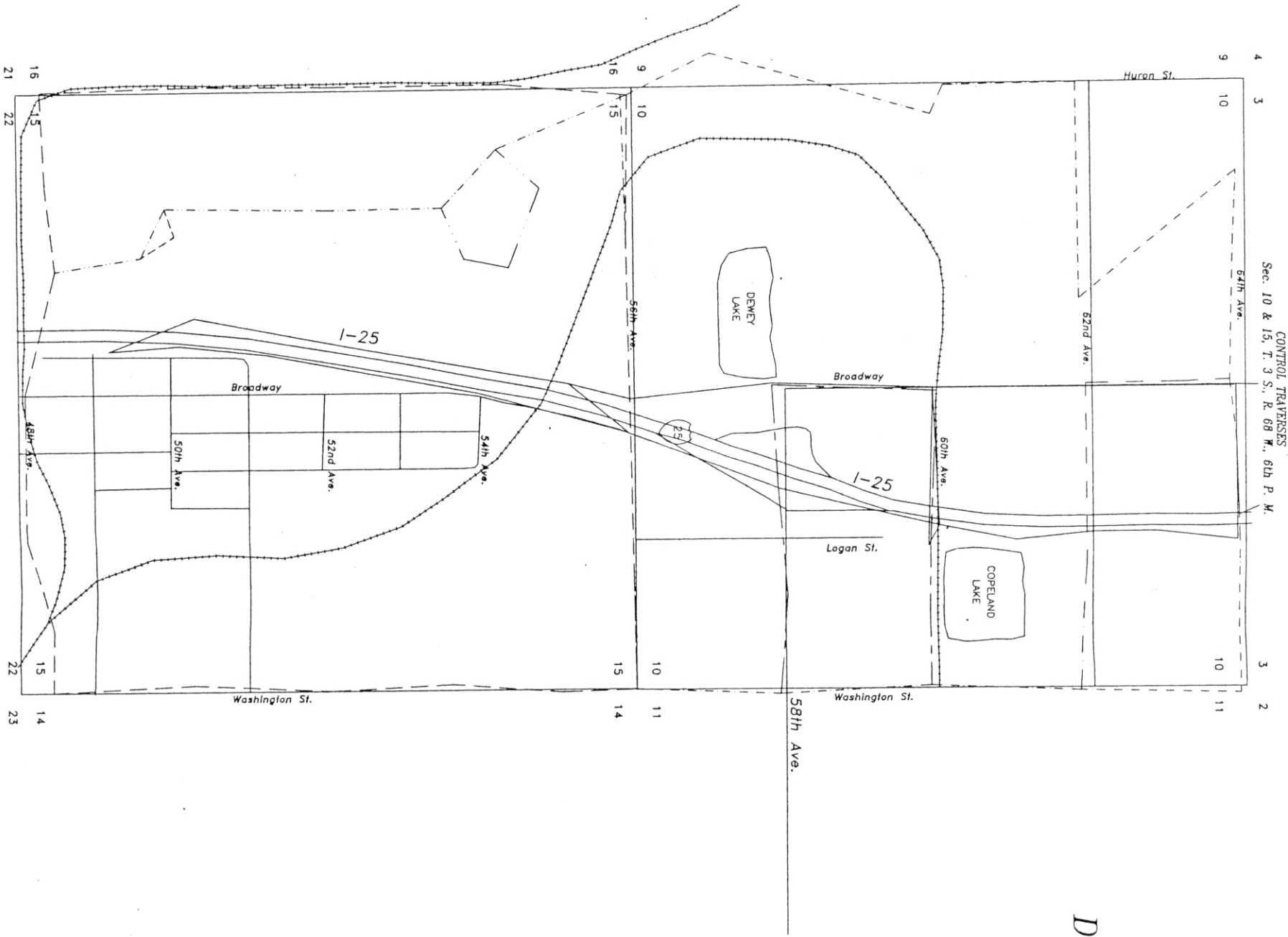
FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO		3	

RIGHT OF WAY
I-25 @ 58TH AVE.

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO



KEY
--- TRAVERSE S 10 ---
--- TRAVERSE S 10A ---
--- TRAVERSE S 10B ---
--- EXISTING CDOT CONTROL TRAVERSE ---
--- TRAVERSE S 15 ---
--- TRAVERSE S 15A ---
--- TRAVERSE S 15B ---
--- TRAVERSE S 15C ---



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	TITLE, INDEX, AND VICINITY MAP.
2.	CONTROL TRAVERSES FOR SECTION 10. T. 3 S., R. 68 W., 6th P.M.
3.	CONTROL TRAVERSES FOR SECTION 15. T. 3 S., R. 68 W., 6th P.M.
4.	MONUMENT TABULATION SHEET.

SHEET 1 OF 4



J.F. SATO AND ASSOCIATES
Consulting Engineers
Project Managers, Planners & Surveyors
5806 So. Rapp St. • Littleton, CO 80120 • (303) 797-1200

CONTROL TRAVERSES
Sec. 10, T. 3 S., R. 68 W., 6th P. M.

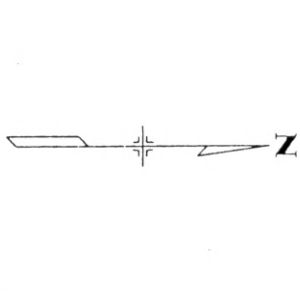
RIGHT OF WAY
I-25 @ 58TH AVE.

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO		3A	

REVISIONS

9/6/94 Add note of pnts. destroyed.

R6



0 300 600 900
SCALE IN FEET
SCALE 1"=300'

TRAVERSE ERROR ANALYSIS

Traverse No.	S 10	S 10A	S 10B
Theodolite class, seconds	5"	5"	5"
No. of legs	15	4	6
Perimeter, ft.	17,748	3946	6779
Eu, ft.	0.20	0.10	0.12
Eu, ft.	0.12	0.05	0.06
Ep, sec.	35.6	23.6	23.2
Actual angular misclosure, sec.	1.4	3.5	4.8
Relative precision	1:147,000	1:82,500	1:121,600

Eu = Theoretical occupied error circle.

Ec = Traverse error of closure (from field data)

Ep = Theoretical angular misclosure based on 3 x field angle standard error.

TIES TO EXISTING CONTROL

Point	Error Course (CDOT-JFSA)	Bk/Pg
+CDOT 11	S 78° 21' 46" E 0.08'	BK 34M-8, PG 30
+CDOT 12	S 66° 18' 42" E 0.16'	BK 34M-8, PG 28
+CDOT 13	N 34° 10' 01" E 0.14'	BK 34M-5, PG 61
+CDOT 14	N 88° 51' 25" E 0.11'	BK 34M-5, PG 43
+CDOT 16	S 72° 07' 22" E 0.09'	BK 34M-6, PG 58
+CDOT 406	N 58° 12' 25" E 0.09'	BK 34M-6, PG 26
+CDOT 407	N 55° 40' 34" E 0.13'	BK 34M-6, PG 57
+CDOT 417	N 73° 12' 12" E 0.07'	BK 34M-6, PG 36
+CDOT 418	N 49° 54' 39" E 0.07'	BK 34M-6, PG 32
+CDOT 433	N 29° 00' 15" E 0.07'	BK 34M-6, PG 59
+CDOT 434	N 40° 03' 18" E 0.09'	BK 34M-6, PG 29
+CDOT 435	N 82° 32' 35" E 0.09'	BK 34M-6, PG 38
+1058004	S 60° 31' 58" E 0.07'	BK 34M-8, PG 34

+ Denotes point traversed through.

TRAVERSE S 10

LEG	BEARING	DISTANCE
69-55	N 88° 48' 38" E	985.35'
55-78	N 02° 09' 29" E	1264.29'
78-79	N 03° 00' 34" W	1321.87'
79-81	N 02° 13' 58" E	1301.32'
81-83	N 01° 12' 47" E	1381.73'
83-84	S 89° 50' 57" W	1369.68'
84-92	S 88° 18' 03" W	840.96'
92-91	S 83° 52' 11" W	544.64'
91-93	N 88° 39' 58" W	1228.58'
93-94	N 87° 07' 29" W	606.81'
94-90	S 39° 17' 51" E	1758.55'
90-96	S 89° 17' 36" W	1887.33'
96-97	S 40° 52' 05" E	1150.47'
97-98	S 65° 57' 27" E	275.30'
98-99	S 15° 56' 26" W	2005.38'
99-76	S 26° 27' 04" E	811.30'
76-77	S 89° 10' 03" E	1222.61'

TRAVERSE S 10A

LEG	BEARING	DISTANCE
91-88	S 02° 32' 17" E	399.31'
88-87	S 00° 29' 54" E	847.52'
87-82	N 89° 39' 24" E	1589.20'
82-81	S 87° 00' 54" E	1109.84'

TRAVERSE S 10B

LEG	BEARING	DISTANCE
79-80	S 89° 51' 46" W	1227.19'
80-85	N 87° 40' 06" W	1364.28'
85-1012	S 03° 01' 14" W	1443.64'
1012-1011	N 86° 41' 27" E	931.40'
1011-1052	N 84° 53' 11" E	936.95'
1052-78	S 85° 31' 29" E	875.38'

NOTE: Control monuments indicated by (*) were destroyed during the construction phase. New control monuments were set as necessary and published on a supplemental control diagram in this same vicinity by J.F. SATO AND ASSOC. for C.D.O.T. purposes.

KEY

- CDOT CONTROL POINT
- JFSA CONTROL POINT
- FOUND PROPERTY CONTROL
- FOUND SECTION CONTROL
- SET SECTION CONTROL
- CALCULATED SECTION CONTROL
- TRAVERSE S 10
- TRAVERSE S 10A
- TRAVERSE S 10B
- EXISTING CDOT CONTROL TRAVERSE
- ALIQUOT LINES



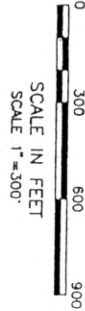
CONTROL TRAVERSES
Sec. 15, T. 3 S., R. 68 W., 6th P. M.

RIGHT OF WAY
I-25 @ 58TH AVE.

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO		38	

REVISIONS
9/6/94 Add note of pnts. destroyed. R6

NOTE: Control monuments indicated by * were destroyed during the construction phase. New control monuments were set as necessary and published on a supplemental control diagram in this same vicinity by J.F. SATO AND ASSOC. for C.D.O.T. purposes.



TRAVERSE ERROR ANALYSIS

Traverse No.	S 15	S 15A	S 15B	S 15C
Theodolite class.	5"	5"	5"	5"
No. of legs	19	6	4	2
Perimeter, ft.	20,823	5595	2150	608
Eu, ft.	0.22	0.12	0.10	0.07
Eu, ft.	0.10	0.10	0.05	0.00
Eu, sec.	43.5	29.0	21.8	21.0
Actual angular misclosure, sec.	13.6	1.1	19.3	not measured
Relative precision	1:217,800	1:57,000	1:48,300	1:138,300

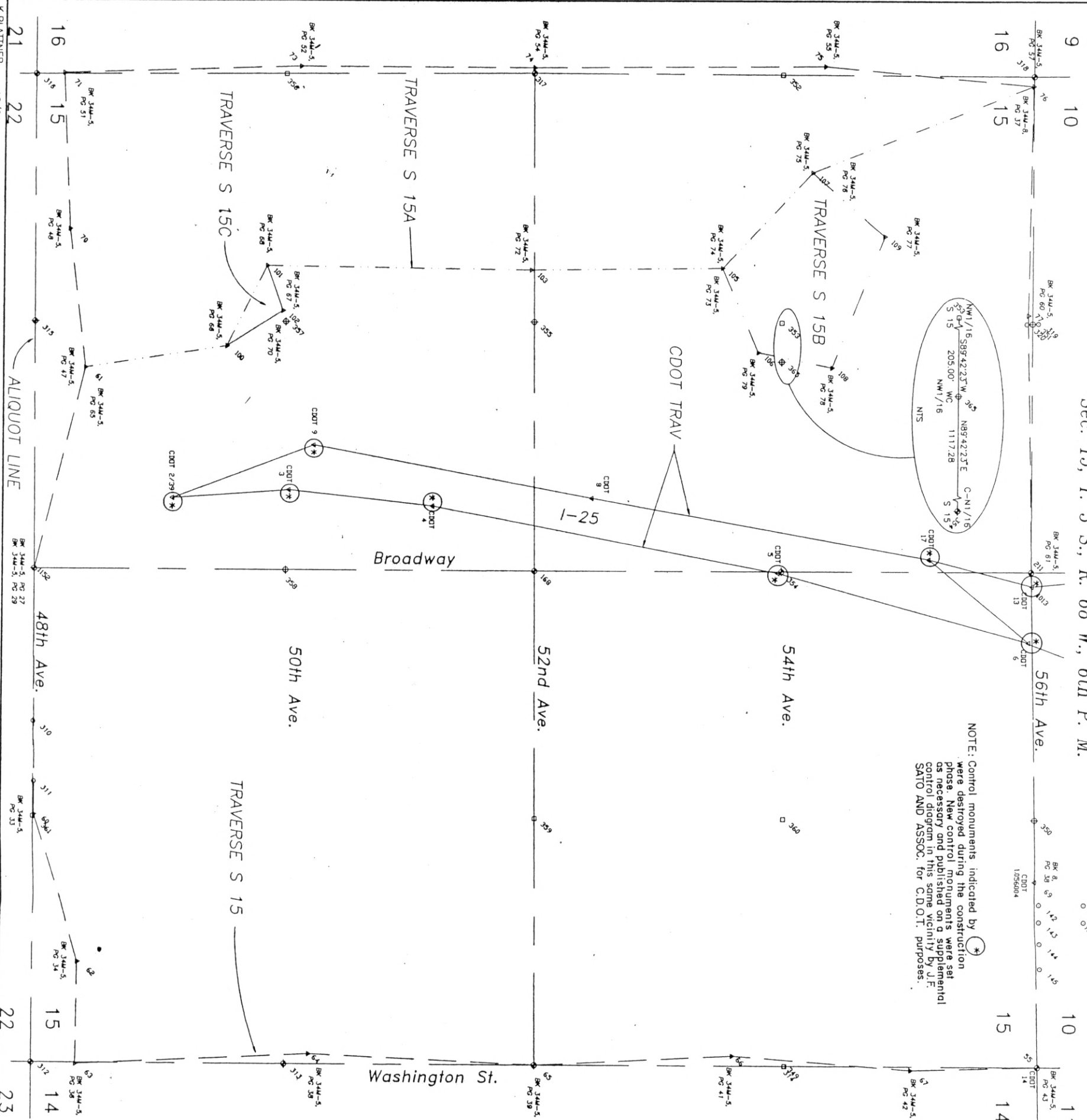
Eu = Theoretical occultated error circle.

Ec = Traverse error of closure (from field data)

Ep = Theoretical angular misclosure based on 3 x field angle standard error.

KEY

- CDOT CONTROL POINT
- JFSA CONTROL POINT
- FOUND PROPERTY CONTROL
- FOUND SECTION CONTROL
- SET SECTION CONTROL
- CALCULATED SECTION CONTROL
- TRAVERSE S 15
- TRAVERSE S 15A
- TRAVERSE S 15B
- TRAVERSE S 15C
- EXISTING CDOT CONTROL TRAVERSE
- ALIQUOT LINES



TRAVERSE S 15

LEG	BEARING	DISTANCE	LEG	BEARING	DISTANCE
69-55	N 88° 48' 38" E	985.35'	61-100	N 08° 59' 05" V	731.81'
55-67	S 01° 46' 07" E	664.10'	100-101	N 64° 05' 44" V	480.24'
67-66	S 04° 10' 31" V	948.47'	101-103	N 00° 48' 22" E	1402.79'
66-65	S 03° 01' 16" E	1054.20'	103-105	N 00° 45' 28" V	1017.48'
65-64	S 02° 23' 30" V	1204.22'	105-107	N 46° 56' 00" V	695.81'
64-63	S 02° 55' 07" E	1230.22'	107-76	N 21° 55' 22" V	1246.66'
63-62	N 89° 26' 20" V	546.43'			
62-60	S 73° 33' 39" V	823.14'			
60-1152	S 89° 40' 09" V	1310.86'			
1152-61	N 76° 21' 15" V	1108.86'	TRAVERSE S 15B		
61-70	S 83° 21' 27" V	746.93'	107-109	N 41° 23' 57" E	511.10'
70-71	S 87° 25' 12" V	829.69'	109-108	S 68° 41' 39" E	750.25'
71-73	N 01° 47' 39" V	1245.88'	108-106	S 11° 29' 13" V	399.22'
73-74	N 00° 11' 42" E	1241.11'	106-105	S 66° 33' 40" V	489.48'
74-75	N 00° 23' 41" V	1546.22'			
75-76	N 05° 10' 42" E	1099.84'			
76-77	S 89° 10' 03" E	1222.61'	TRAVERSE S 15C		
77-1013	N 88° 45' 10" E	1439.46'	101-102	N 70° 44' 15" E	257.92'
1013-69	N 88° 55' 05" E	1575.37'	102-100	S 32° 35' 22" E	350.00'

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO		3C	

RIGHT OF WAY
I-25 @ 58TH AVE.
PLAT NO. 88204

REVISIONS		DATE	BY
2/92	CDOT MONUMENT INDEX ADDED	SH	

GENERAL NOTES

- The purpose of this survey is to establish the location of the original corners that will be needed to define the boundary of I-25 thru sections 10 & 15, T.35S., R.68W. This survey shall constitute the determination of property, assessment or right-of-way lines.
- Original CDOT control network is purported to be set to 1:100,000 precision or greater, secondary 1:62,500 precision or greater, and tertiary 1:45,000 precision.
- Coordinates are based on CDOT 1,056004 at 56th & Logan, N 718249.964, E 2146325.228. Bearings are based on the line between CDOT 1,056004 and CDOT 1,056007, as defined by inverse between published CDOT coordinates.
- A solar observation was made November 29, 1991 on the line between JFSA Traverse Point #85 and Traverse Point CP-12, for reference to astronomical north, the bearing was observed to be S 03° 21' 17" W.
- Original field books (34M-1 thru 34M-8) containing the field work shown hereon are on file at CDOT, District 6.
- According to Colorado law, you must commence any legal action to recover any defect in this survey within three years after the date of completion. In no event may any action based on any defect in this survey be commenced more than ten years from the date of certification shown hereon.
- Set aliquot corners are "Type 3A" CDOT monuments, monument records are filed with the State.
- Set Traverse Points are "Type 2" CDOT monuments.
- CDOT Project Number 18(CX) 025-3(103).
- JFSA Project Number JF89008.

SHEET 4 OF 4



J.F. SATO AND ASSOCIATES
Consulting Engineers & Surveyors
3600 S. Knap St. • Littleton, CO 80120 • (303) 791-1200

SURVEYOR CERTIFICATE

I, Daniel P. Wilmett, a Registered Land Surveyor in the State of Colorado, hereby certify that this control diagram was prepared using a compilation of record document information and field surveys, and was made by me, or under my direct responsibility, supervision, and checking, for and on behalf of the Colorado Department of Transportation.



Daniel P. Wilmett

P.L.S. 25384

FOUND PROPERTY CONTROL

POINT #	NORTHING	EASTING	DESCRIPTION
55	716270.4172	2147310.3688	NE COR S15 T35, 68W
65	713607.9430	2147317.3684	E 1/4 S15 T35, R68W
168	713586.0175	2144681.1735	C 1/4 S15 T35, R68W
211	716215.0293	2144675.0376	S 1/4 SEC 10 T35, R68W
312	710944.7795	2147324.4459	SE COR S15 T35, R68W
313	712275.9863	2147321.0957	S 1/16 S14 & S15 T35, R68W
315	710936.8353	2143362.1470	W 1/16 S15 & S22 T35, R68W
316	710932.3669	2142041.2575	SW COR S15 T35, R68W
317	713564.8374	2142028.9569	W 1/4 S15 T35, R68W
318	716209.1236	2142038.1626	NW COR S15 T35, R68W
321	717582.0757	2147308.7730	S 1/16 S10 & S11 T35, R68W
322	718893.4283	2147307.4129	E 1/4 S10 T35, R68W
324	720204.5860	2147304.5395	N 1/16 S10 & S11 T35, R68W
325	721515.9141	2147301.5279	NE COR S10 T35, R68W
328	718882.2352	2145888.0134	C-E 1/16 S10 T35, R68W
335	721501.2293	2144662.2843	N 1/4 S10 T35, R68W
336	721508.5837	2145981.8334	E 1/16 S3 & S10 T35, R68W
337	721493.7582	2143344.6839	W 1/16 S3 & S10 T35, R68W
338	721486.5831	2142027.2012	NW COR S10 T35, R68W
340	720167.6271	2142027.1387	N 1/16 S9 & S10 T35, R68W
341	718848.3386	2142027.0013	W 1/4 S10 T35, R68W
344	714900.5386	2144678.0988	C-N 1/16 S15 T35, R68W
1023	718871.0379	2144668.7889	C 1/4 S10 T35, R68W
1152	710940.9783	2144683.0164	S 1/4 S15 T35, R68W

CALCULATED SECTION CONTROL

POINT #	NORTHING	EASTING	DESCRIPTION
348	717542.9497	2144671.9830	C-S 1/16 S10 T35, R68W (C)
349	714939.1801	2147313.8686	N 1/16 S14 & S15 T35, R68W (C)
352	714898.9805	2142033.5598	N 1/16 S15 & S16 T35, R68W (C)
353	714893.7936	2143355.8327	NW 1/16 S15 T35, R68W (C)
356	712248.6022	2142035.1072	S 1/16 S15 & S16 T35, R68W (C)
359	713596.9802	2145999.2710	C-E 1/16 S15 T35, R68W (C)
360	714919.8594	2145995.9871	NE 1/16 S15 T35, R68W (C)
361	710942.8789	2146003.7312	E 1/16 S15 & S22 T35, R68W (C)
364	717562.5124	2145990.3583	SE 1/16 S10 T35, R68W (C)

SET SECTION CONTROL

350	716242.7232	2145992.7032	E 1/16 S10 & S15 T35, R68W (C)
351	716212.0764	2143356.6002	W 1/16 S10 & S15 T35, R68W (C)
355	713575.4275	2143355.0652	C-W 1/16 S15 T35, R68W (C)
357	712256.0501	2143358.8064	SW 1/16 S15 T35, R68W (C)
358	712263.4979	2144682.0950	C-S 1/16 S15 T35, R68W (C)
362	720186.1336	2144665.5266	C-N 1/16 S10 T35, R68W (C)
363	720195.3591	2145984.9235	NE 1/16 S10 T35, R68W (C)
365	714894.8106	2143560.8300	WC NW 1/16 S15 T35, R68W (C)

SET TRAVERSE POINTS

POINT #	NORTHING	EASTING	DESCRIPTION
61	711202.5813	2143605.4563	JFSA TRAVERSE PT.
62	711181.4941	2146783.3521	JFSA TRAVERSE PT.
63	711176.1418	2147329.7532	JFSA TRAVERSE PT.
64	712404.7703	2147267.1164	JFSA TRAVERSE PT.
66	714660.6763	2147261.8070	JFSA TRAVERSE PT.
67	715606.6326	2147330.8638	JFSA TRAVERSE PT.
68	716249.9640	2146325.2280	CDOT MON (FND)
70	711116.1814	2142863.5378	JFSA TRAVERSE PT.
71	711078.8346	2142034.6870	JFSA TRAVERSE PT.
73	712324.1039	2141995.6791	JFSA TRAVERSE PT.
74	713565.2060	2141999.9013	JFSA TRAVERSE PT.
75	715111.3902	2141989.2461	JFSA TRAVERSE PT.
76	716206.7444	2142088.5114	JFSA TRAVERSE PT.
77	716188.9777	2143310.9893	JFSA TRAVERSE PT.
78	717533.8053	2147357.9771	JFSA TRAVERSE PT.
79	718853.8488	2147288.5802	JFSA TRAVERSE PT.
80	718850.9121	2146081.3500	CDOT REF MON FOR #435
81	720154.1769	2147339.2794	JFSA TRAVERSE PT.
82	720212.0126	2146220.9639	JFSA TRAVERSE PT.
83	721535.5917	2147368.5309	JFSA TRAVERSE PT.
84	721531.9833	2145998.8571	JFSA TRAVERSE PT.
85	718906.4196	2144698.2448	JFSA TRAVERSE PT.
87	720202.4897	2144641.7970	JFSA TRAVERSE PT.
88	721049.9729	2144634.4254	JFSA TRAVERSE PT.
90	720147.0416	2143896.2255	JFSA TRAVERSE PT.
91	721448.8861	2144616.7434	JFSA TRAVERSE PT.
92	721507.0470	2145158.2681	JFSA TRAVERSE PT.
93	721477.4857	2143388.4998	JFSA TRAVERSE PT.
94	721507.9251	2142782.4588	JFSA TRAVERSE PT.
96	720123.7599	2142009.0378	JFSA TRAVERSE PT.
97	718973.4227	2142026.4645	JFSA TRAVERSE PT.
98	718861.2616	2142277.8793	JFSA TRAVERSE PT.
99	716932.9934	2141727.1197	JFSA TRAVERSE PT.
100	711945.1638	2143488.0476	JFSA TRAVERSE PT.
101	712154.9676	2143056.0586	JFSA TRAVERSE PT.
102	712240.0531	2143299.5343	JFSA TRAVERSE PT.
103	713557.6177	2143075.7969	JFSA TRAVERSE PT.
105	714575.0102	2143062.3424	JFSA TRAVERSE PT.
106	714769.7055	2143511.4780	JFSA TRAVERSE PT.
107	715050.1460	2143544.0097	JFSA TRAVERSE PT.
108	715160.9326	2143580.9802	JFSA TRAVERSE PT.
109	715433.5348	2142892.0031	JFSA TRAVERSE PT.
1011	717518.5444	2145552.0259	CDOT MON #11 (FND)
1012	717464.7829	2144622.1760	CDOT MON #12 (FND)
1013	716220.3089	2144750.1094	CDOT MON #13 (FND)

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO
SURVEY CONTROL DIAGRAM

ALONG INTERSTATE 25 FROM 48TH AVENUE TO 60TH AVENUE
DENVER AND ADAMS COUNTIES, COLORADO
CDOT PROJECT NUMBER NH-1M-IR(CX)025-3(103)
LYING IN SECTIONS 10 AND 15, TOWNSHIP 3 SOUTH, RANGE 68 WEST
OF THE SIXTH PRINCIPAL MERIDIAN

INTERSTATE 25
48th AVENUE TO 60th AVENUE

REVISIONS

FEDERAL RD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO		3D	

EXISTING CONTROL TIED AS PART OF THIS SURVEY (NOT SHOWN)
CDOT - DENVER METRO AREA GPS GEODETIC CONTROL SYSTEM
ADJUSTMENT CD0193.C

NO.	SERIAL ID	NAME	NORTH LATITUDE	WEST LONGITUDE
15	4.038007	88TH	39°46'08.93338	104°59'46.67579
801	1.047017	RIBBON	39°46'34.41274	104°58'00.30468
1026	1.069007	1-76 WASH.	39°49'16.34344	104°58'37.14944
1206	4.057030	ISLAND	39°47'58.57208	105°01'31.82448

STATE PLANE COORDINATES AS DETERMINED BY FAST STATIC GPS SURVEY
COLORADO CENTRAL ZONE (METERS)

NO.	SERIAL ID	NORTHING	EASTING
2005	4.048004	521525.724	957967.306
2006	4.049001	521626.117	958185.466
2007	4.050001	521856.886	958204.627
2008	4.050002	521756.092	958066.327
2009	1.051000	522040.803	958301.466
2010	1.054000	522645.499	958317.037
2011	1.055001	522863.545	958366.348
2012	1.056002	523045.279	958425.931
2013	4.056000	523048.253	958271.417
2014	1.058004	523425.237	958686.716
2015	7.060000	523873.275	958300.708
2016	1.060004	523864.721	958732.480

PROJECT SPECIFIC MODIFIED DATUM PLANE COORDINATES (FEET)

NO.	SERIAL ID	NORTHING	EASTING	DESCRIPTION
2005	4.048004	711202.581	2143605.456	EX. TYPE 2 MONUMENT (OLD PT. 61)
2006	4.049001	711532.148	2144321.308	SET TYPE 2 MONUMENT
2007	4.050001	712289.446	2144384.060	SET 2" BRASS CAP IN CONC.
2008	4.050002	711958.607	2143930.274	SET TYPE 2 MONUMENT
2009	1.051000	712893.034	2144701.743	SET TYPE 5 MONUMENT
2010	1.054000	714877.398	2144752.506	SET TYPE 5 MONUMENT
2011	1.055001	715592.955	2144914.206	SET TYPE 2 MONUMENT
2012	1.056002	716189.362	2145109.632	SET TYPE 2 MONUMENT
2013	4.056000	716199.036	2144602.581	SET TYPE 5 MONUMENT
2014	1.058004	717436.364	2145365.204	EX. TYPE 2 MONUMENT
2015	1.060000	718906.420	2144698.245	SET TYPE 2 MONUMENT
2016	1.060004	718878.588	2146115.141	SET TYPE 2 MONUMENT (OLD PT. 85)

NOTES

- THIS SURVEY WAS MADE IN MAY, 1994 FOR THE USE OF THE COLORADO DEPARTMENT OF TRANSPORTATION. TO PROVIDE CONTROL ON THE SAME COORDINATE BASE AS THE CONTROL SURVEY PERFORMED BY J.F. SATO AND ASSOCIATES TO ESTABLISH THE LOCATION OF ALTOUT CORNERS AS PART OF THE RIGHT-OF-WAY PLANS FOR CDOT PROJECT IR(CA)025-3(103). CONVERSION FROM STATE PLANE COORDINATES TO PROJECT SPECIFIC MODIFIED DATUM PLANE COORDINATES WAS MADE BY DETERMINING THE RATIO BETWEEN THE KNOWN DISTANCE FROM THE PREVIOUS CONTROL SURVEY BETWEEN POINTS #2005 (OLD POINT #61) AND #2015 (OLD POINT #85), AND THE STATE PLANE GRID DISTANCE BETWEEN THESE POINTS DETERMINED BY THIS SURVEY. THIS STATE PLANE GRID TO PROJECT SPECIFIC MODIFIED DATUM CONVERSION FACTOR WAS CALCULATED TO BE 1.000224797. THE STATE PLANE COORDINATES WERE SCALED BY THIS FACTOR, CONVERTED TO U.S. SURVEY FEET, AND TRANSFORMED SO THAT THE COORDINATES OF THESE EXISTING CONTROL POINTS MATCHED THE PREVIOUSLY DETERMINED COORDINATES OF THE EXISTING CONTROL WORK.
- THIS SURVEY DOES NOT CONSTITUTE A COMPLETE BOUNDARY SURVEY. THE RECTIFICATION OF THE PHYSICAL EVIDENCE WITH THE RECORDED DOCUMENTS IS TO BE PERFORMED BY OTHERS. DETERMINATION OF RIGHTS-OF-WAY AND EASEMENTS WAS NOT IN THE SCOPE OF THIS SURVEY.
- NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVERED 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.
- TOPOGRAPHIC AND NATURAL FEATURES SHOWN ON THIS DOCUMENT ARE FOR ORIENTATION PURPOSES ONLY.
- GEODETIC AND STATE PLANE COORDINATES SHOWN HEREON, ALONG WITH ANY CONVERSION FACTORS OR RELATED DATA, ARE FOR INFORMATIONAL PURPOSES ONLY.
- BASIS OF BEARINGS: THE LINE BETWEEN POINT #2005 AND #2015 BEARS N 08°04'25 E. AS DETERMINED BY THE EXISTING CONTROL SURVEY REFERRED TO IN NOTE 1.
- FAST STATIC GPS CONTROL PRECISION WAS COMPUTED TO MEET OR EXCEED COLORADO DEPARTMENT OF TRANSPORTATION MINIMUM HORIZONTAL CONTROL TOLERANCE FOR A TYPE A SURVEY (± 0.10 FEET AT 95% CERTAINTY).
- FOR DETAILED LOCATION SKETCHES OF THE MONUMENTS SET BY J.F.S. SEE CDOT CONTROL BOOK 34-M-7, PAGES 37-47, ON FILE WITH THE CDOT REGION 6 RIGHT-OF-WAY SURVEYOR (OFFICE).
- SURVEYOR'S CERTIFICATION
I, DANIEL P. WILMETH, COLORADO PROFESSIONAL LAND SURVEYOR #25384, CERTIFY THAT THIS CONTROL DIAGRAM WAS MADE BY ME, OR UNDER MY DIRECT RESPONSIBILITY, SUPERVISION, AND CHECKING.

DANIEL P. WILMETH, PLS #25384
DATE 06-08-94

COUNTY FILING CERTIFICATION

DEPOSITED THIS _____ DAY OF _____, 1994, AT _____ M., IN BOOK _____ OF THE
COUNTY SURVEYOR'S LAND SURVEY/RIGHT-OF-WAY SURVEYS AT PAGE _____
RECEPTION NUMBER _____

COUNTY SURVEYOR

DEPUTY COUNTY SURVEYOR

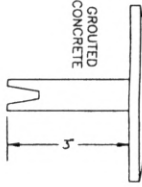
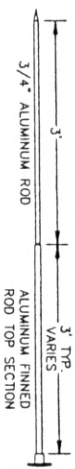
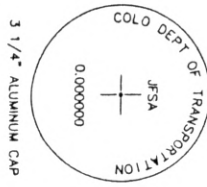
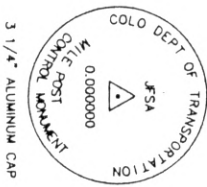
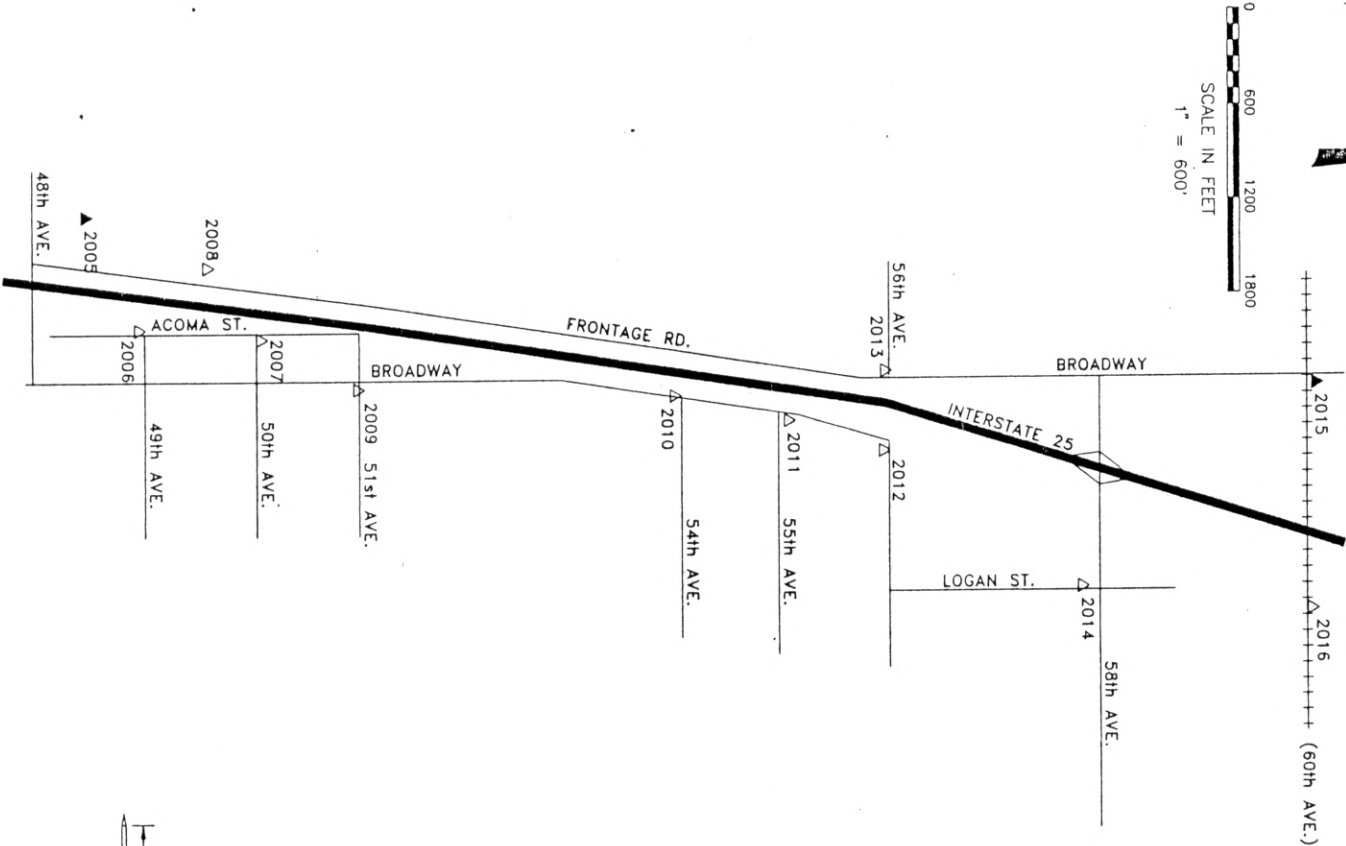
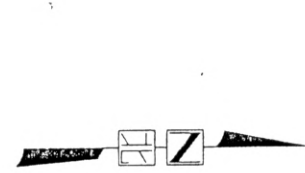
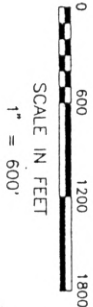
INTERSTATE 25

SUPPLEMENTAL CONTROL

DATE	PROJECT NO.	DESIGNED BY	SHEET NO.	DRAWING NO.
6-05-94	JF94018	SHL	1	
		CHECKED BY	OF 1 SHEETS	

J.F. SATO AND ASSOCIATES

5888 So. Ross St. • Littleton, CO 80120 • (303) 793-1700



CDOT TYPE 2 MONUMENT
TYPICAL DETAIL

CDOT TYPE 5 MONUMENT
TYPICAL DETAIL

TABULATION OF R.O.W. MONUMENTS
TO BE SET

PNT	NORTHING	EASTING	DESCRIPTION OF MONUMENTS
126	715719.328	2144956.155	Type 1
403	716204.461	2145186.121	Type 1
404	716195.170	2145186.205	Type 1
405	716194.856	2145151.206	Type 1
406	716180.579	2145131.209	Type 1
409	715531.755	2144899.127	Type 1
411	715424.799	2144869.037	Type 1
413	714806.550	2144407.898	Type 1
412	714852.299	2144376.771	Type 1
414	714547.755	2144388.516	Type 1
417	713542.874	2144214.632	Type 1
421	712890.102	2144420.546	Type 1
422	712865.009	2144395.559	Type 1
432	715862.789	2145003.811	Type 1
433	715592.068	2144916.458	Type 1
348	715985.336	2144638.425	Type 1
2>	712890.085	2144416.046	Type 1

CONTROL AND MONUMENTATION SHEET
NHIMIR(CX) 025-3(103) UNIT 3

TABULATION OF R.O.W. MONUMENTS
TO BE PULLED

PNT	NORTHING	EASTING	DESCRIPTION OF MONUMENTS
570	716155.713	2144640.693	Type 1
571	716091.079	2144644.073	Type 1

1> NOTE: These monuments were set under C.D.O.T.
Project 1M-IR(CX) 25-2(103)Unit 1.

FEDERAL ROAD SECTION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NHIMIR(CX) 025-3(103) UNIT 3	3E	

RIGHT OF WAY	REVISIONS
1>S.H. 25	1>3/21/97 Add Pnt. 348 & NOTE: —
E. 60th Ave.	— Pull pnts. 570 & 571: —
to	— Update Qty. Box from 15 to 16 —
W. 51st Ave.	2>11/4/97 Add Pnt. 349. Update Qty. Box. R6

GENERAL NOTES

1. This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Highway Department purposes Only.
2. Survey Control Points set with a higher degree of accuracy than ROW Markers.
3. NOTICE: 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 certification shown hereon.
4. All R.O.W. Markers set from survey control points.
5. Right of Way boundaries are based off of Aliquot corners and found boundary evidence as determined by field survey (see sheet 3-3D of CDOT Project NHIMIR(CX)025-3(103) Unit 3.
6. No Warranty is implied or expressed unless this sheet bears the original signature and seal of preparer.
7. All coordinates listed are project coordinates only and are based in U.S. Survey feet.
8. BASIS OF BEARING: The line between control point # 2005 and #2015 which bears N. 8°04'25"E. as published on Sheet 3D of CDOT Project NHIMIR(CX)025-3(103) Unit 3.
9. THE COORDINATE BASE: The coordinate base and aliquot corners are based off of the Control Survey Diagram as published on Sheet 3D of Project NHIMIR(CX)025-3(103) Unit 3.

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	4	5
REFERENCE								
RIGHT OF WAY	17							
CONTROL								
ALIQUOT CORNER								
WITNESS POST								
PULL MON.	2							

SURVEYOR CERTIFICATE (FIELD)

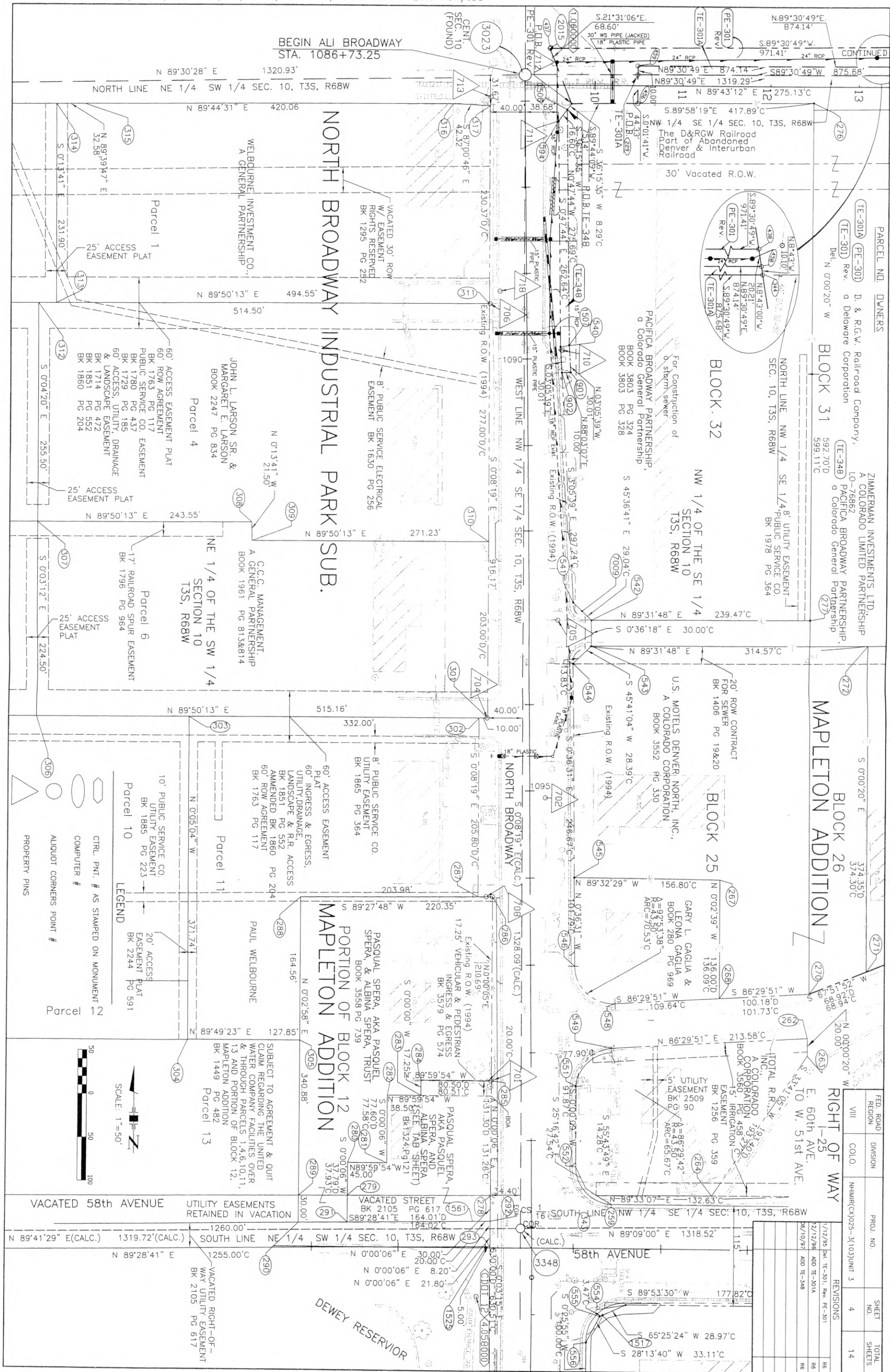
Right of Way Monumentation was done under my supervision and checking.

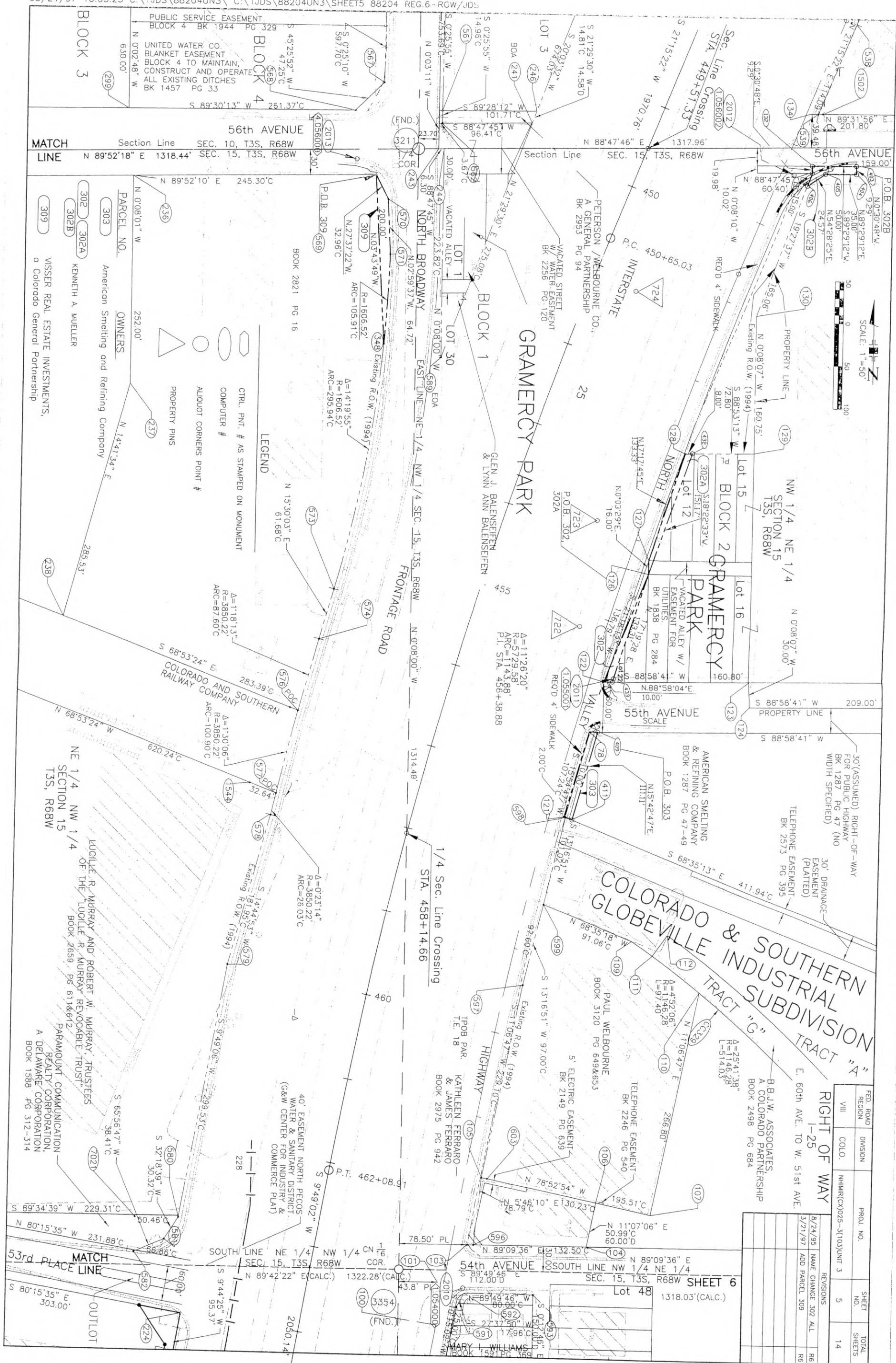
NAME _____ P.L.S. NO. _____
DATE _____

SURVEYOR CERTIFICATE (OFFICE)

R.O.W. Plans and Legal Descriptions were prepared under my supervision and checking.

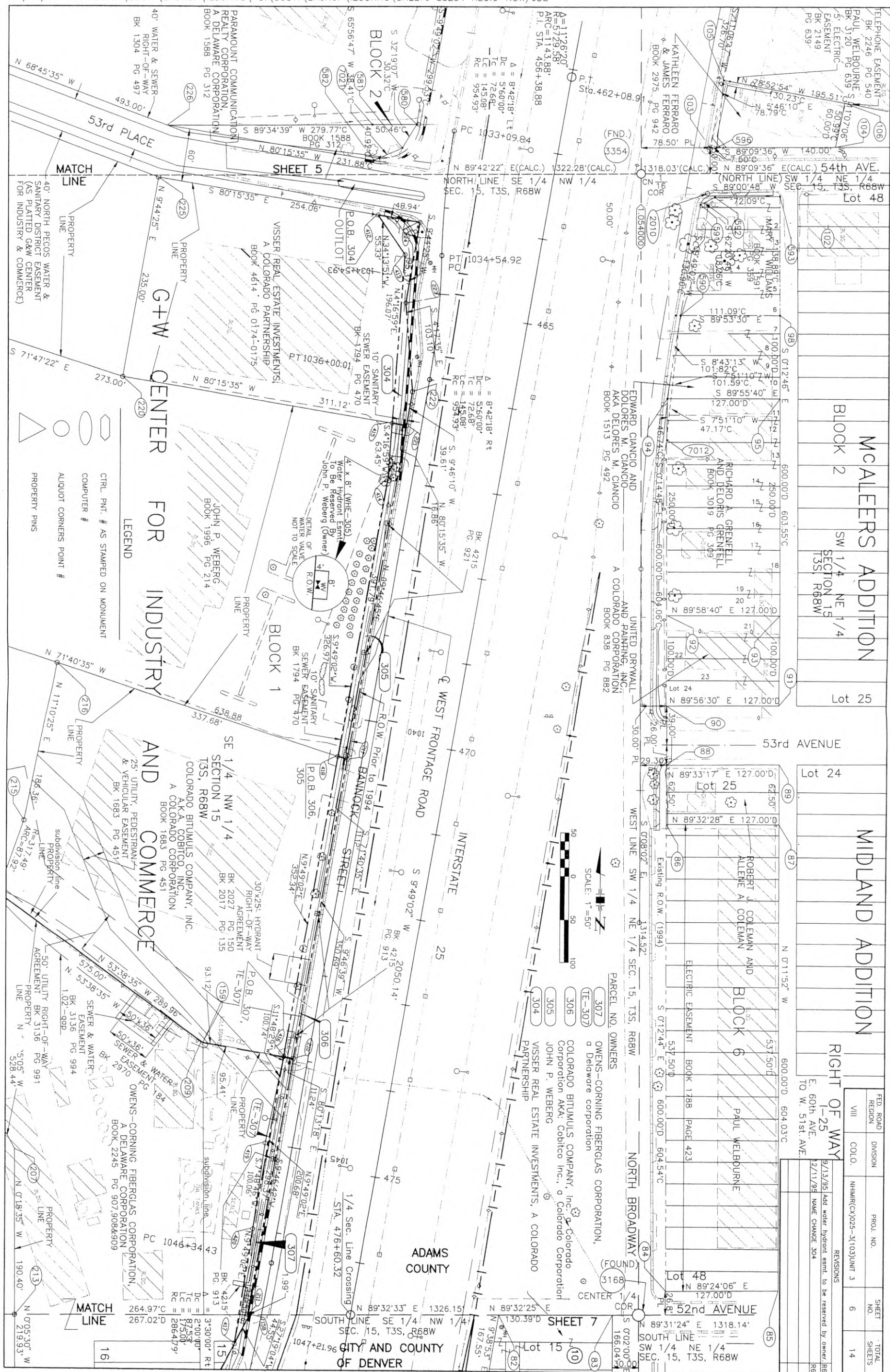
NAME _____ P.L.S. NO. _____
DATE _____



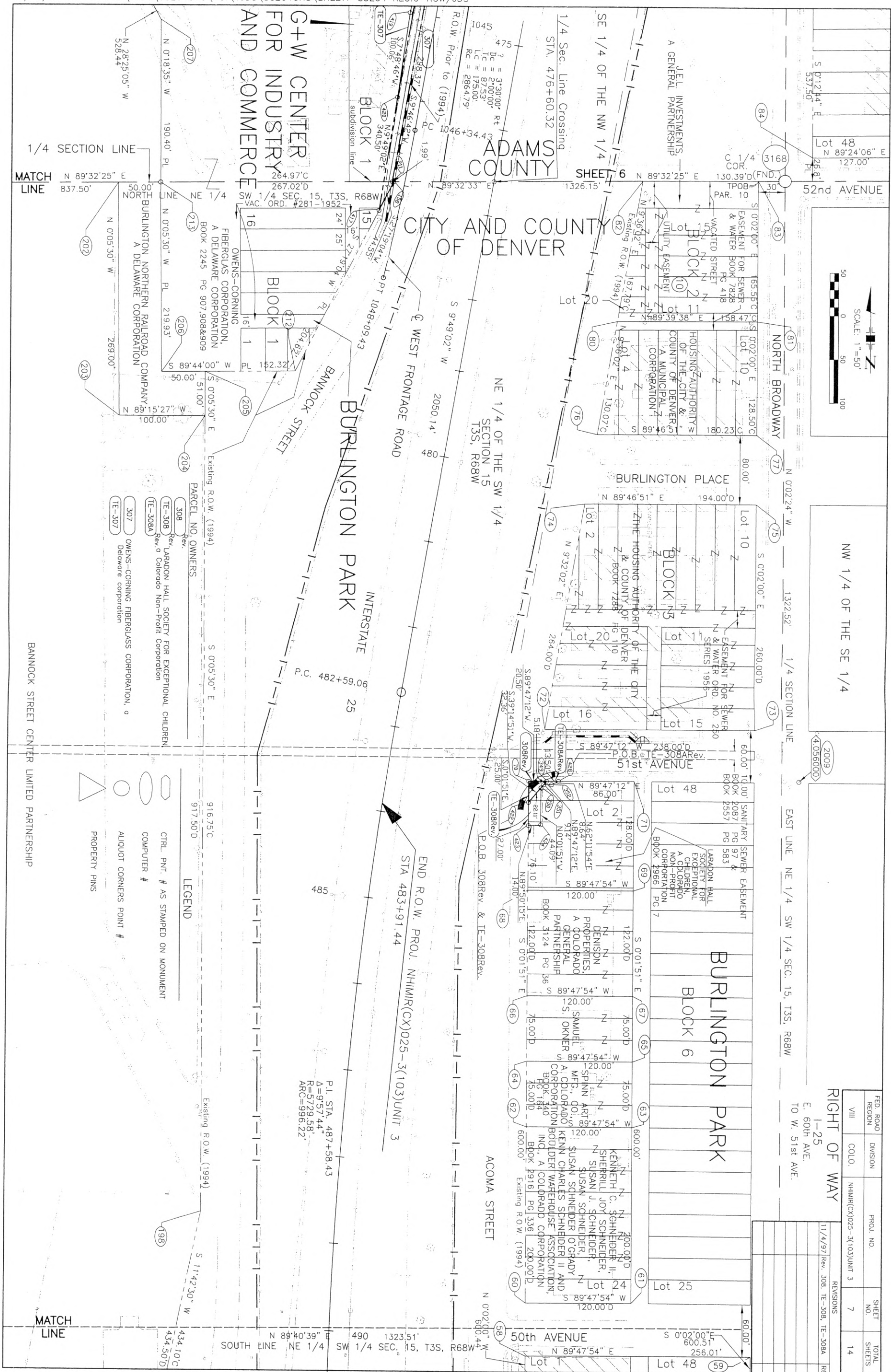


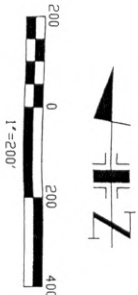
FED. ROAD DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	NHIMR(C)025-(103)UNIT 3	5
14			

RIGHT OF WAY		REVISIONS	
1-25			
60TH AVE. TO W. 51ST AVE.			
8/24/95	NAME CHANGE 302 ALL	R6	
3/21/97	ADD PARCEL 309	R6	



FED. ROAD DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NHHR(CX)025-3(103)UNIT 3	6
OF WAY			
I-25			
60th AVE.			
W. 51st AVE.			
60+0.03C			





PRELIMINARY OWNERSHIP MAP FOR THAT
PART OF SEC. 10 & 15, T.3S., R.68W. OF
THE 6TH P.M. IN ADAMS AND DENVER
COUNTIES FOR PROJECT NHIMR(CX)025-3(103)UNIT 3

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	NHIMR(CX)025-3(103) UNIT 3	8	14

RIGHT OF WAY

I-25
E. 60th AVE.
TO W. 51st AVE.

REVISIONS	
1/12/95	Rev. PE-301
8/24/95	NAME CHANGE 302 ALL
12/11/95	NAME CHANGE 304
3/21/97	ADD PARCEL 309
11/4/97	REV. PARCEL 308

PARCEL NO. OWNERS

(PE-301) D.&R.G.W. RAILROAD COMPANY, a Delaware Corporation
Rev. KENNETH A. MUELLER

(302A)

(302B)

(303)

American Smelting and Refining Company, a corporation organized and existing
under and by virtue of the laws of the State of New Jersey

(304)

VISSER REAL ESTATE INVESTMENTS, A COLORADO PARTNERSHIP

(305)

JOHN P. WEBERG

(306)

COLORADO BITUMULUS COMPANY, INC. AKA COBITCO INC., a Colorado Corporation
to the Public Trustee of Adams County

(307)

Owens-Corning Fiberglas Corporation, a Delaware corporation

(308Rev.)

LARADON HALL SOCIETY FOR EXCEPTIONAL
CHILDREN, A Colorado Non-profit Corporation

(309)

VISSER REAL ESTATE INVESTMENTS,
a Colorado General Partnership

ADAMS COUNTY
MIDLAND ADDITION

BURLINGTON
PARK
DENVER
COUNTY

G+W CENTER FOR
INDUSTRY AND
COMMERCE

BURLINGTON
PARK

