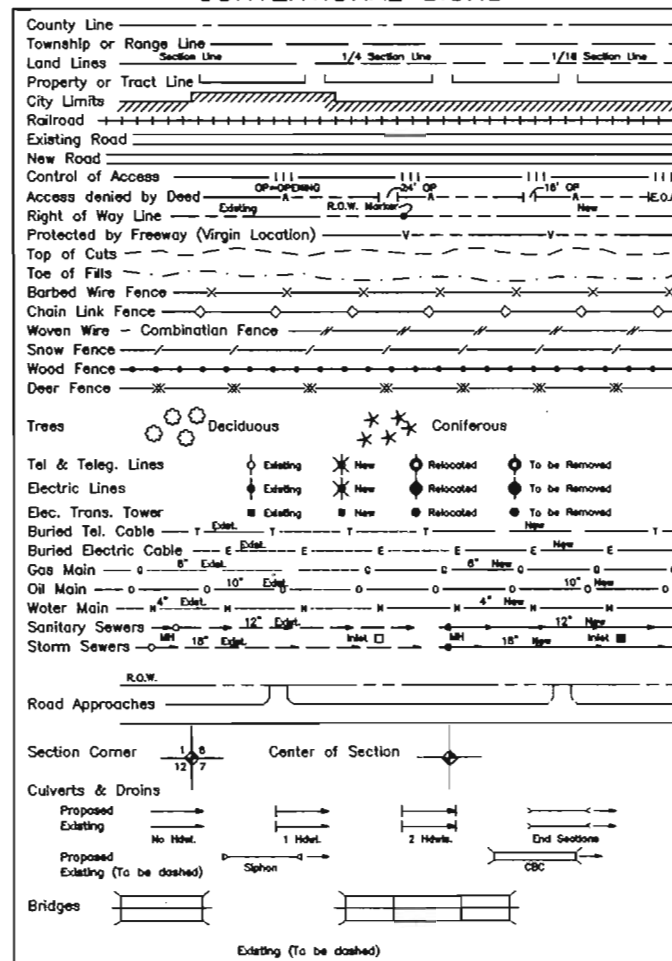


12391

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO
FEDERAL AID PROJECT NO. NH-0242-028
U.S. HIGHWAY 24 AND FOUNTAIN AVENUE
SECTIONS 23 & 26, TOWNSHIP 13S, RANGE 68W, 6TH P.M.
EL PASO COUNTY
RIGHT OF WAY

CONVENTIONAL SIGNS

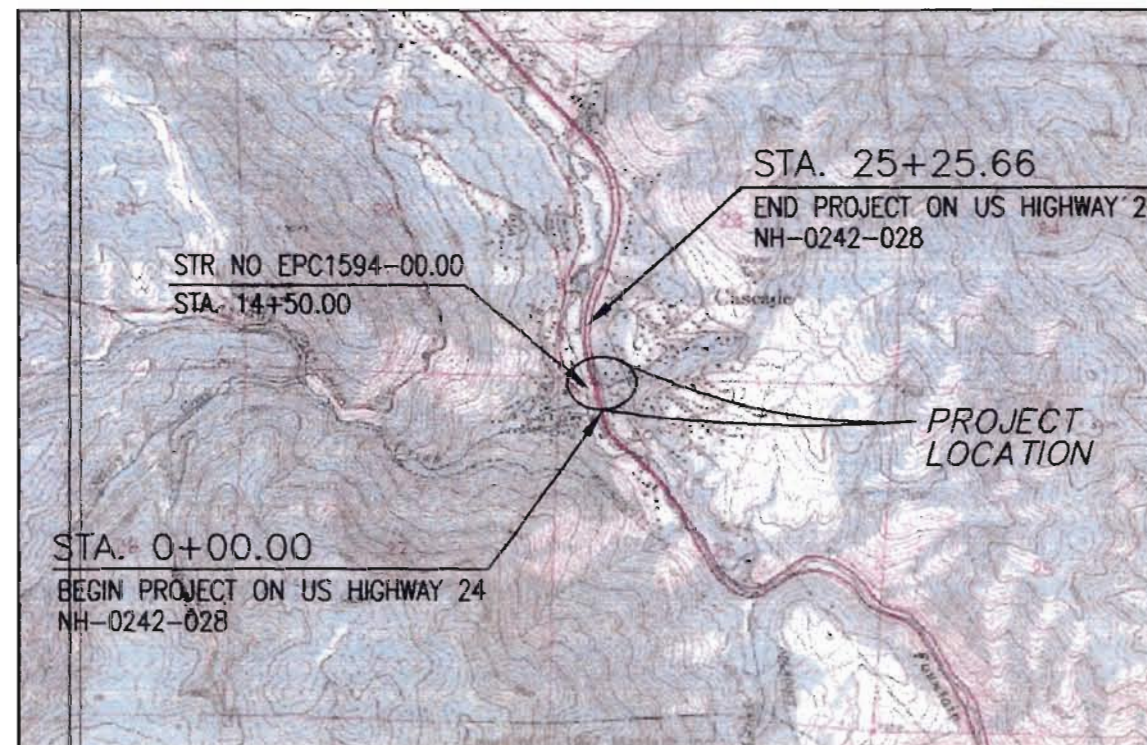


BASIS OF BEARING

BASIS OF BEARINGS: The bearings referenced on this survey can be determined from any monuments set or found as shown on the Control Diagram Sheet. The basis of bearings for project reference is a line from control monument #9419 to control monument #9428 bearing N 23° 54' 44" W at a distance of 539.57 ft.

SCALES OF ORIGINAL DRAWINGS

PLAN SHEETS 1" = 50'
OWNERSHIP MAP 1" = 200'
SURVEY CONTROL DIAGRAM 1" = 100'
R.O.W. LENGTH OF PROJECT = 2525.66 FT.



LOCATION MAP

NOT TO SCALE

SHEET NO.

1
2
3
3A
4
5-8
9

INDEX OF SHEETS

TITLE SHEET
TABULATION OF OWNERS
SURVEY CONTROL DIAGRAM
CONTROL MONUMENTATION
TABULATION OF MONUMENTS TO BE SET
RIGHT OF WAY PLAN SHEETS
OWNERSHIP MAP

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED:

DATE

DIVISION ADMINISTRATOR

Computer File Information

Creation Date: 01/29/01 Initials: DWG
Last Modification Date: Initials:
Full Path:
Drawing File Name: COVER.DWG
Acad Ver. ACAD14 Scale: 1" = 40' Units: ENGLISH

Index of Revisions



REGION II

905 Erie Avenue
Pueblo, CO 80102
Phone: (719) 546-5454
FAX: (719) 546-5414

THE LUND PARTNERSHIP, INC.
12265 W. BAYAUD AVE. SUITE 180
LAKEWOOD, COLORADO 80228
303 969-1481 FAX 303 969-4094
JOB NO. 300-0102
OCTOBER 04, 2000

As Constructed

No. Revisions:

Revised:

Void:

Designer:

Detailer:

Sheet Subst:

Structure

Numbers

Subset Sheets: 1

of 10

Project No./Code

NH-0242-028

12391

Sheet Number: 1

FILED CERTIFICATION 19 AT M. FOR INFORMATION
DAY OF THE COUNTY LAND SURVEYS / RIGHT OF WAY
ONLY IN BOOK RECEPTION NUMBER DEPT.
SIGNED

Control Diagram Sheet

for State Highway 24 at
Cascade / Pikes Peak Hwy



GENERAL NOTES

- 1.) This Control Survey is for the use of the Colorado Department of Transportation. This survey is NOT a complete Land or Right of Way survey, nor is this Control Diagram Sheet a Land or Right of Way Survey Plat.
- 2.) 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.
- 3.) No guarantee as to the accuracy of the information contained hereon is implied or expressed unless this copy bears an original signature and seal of Registered Land Surveyor named.
- 4.) All Elevations listed were established by leveling through the project and using the GPS elevation (NAVD88 Datum) of CM 9428 as the project elevation.
- 5.) Field survey control precision computed to meet or exceed Colorado Department of Transportation Survey Manual Minimum Horizontal Control Tolerance for a type "B" survey requirements (+/- 0.25 FT. at 95% certainty).

BASIS OF BEARING

BASIS OF BEARINGS: The bearings referenced on this survey can be determined from any monuments set or found as shown on the Control Diagram Sheet. The basis of bearings for project reference is a line from control monument #9419 to control monument #9428 bearing N 23° 54' 44" W at a distance of 539.57 ft.

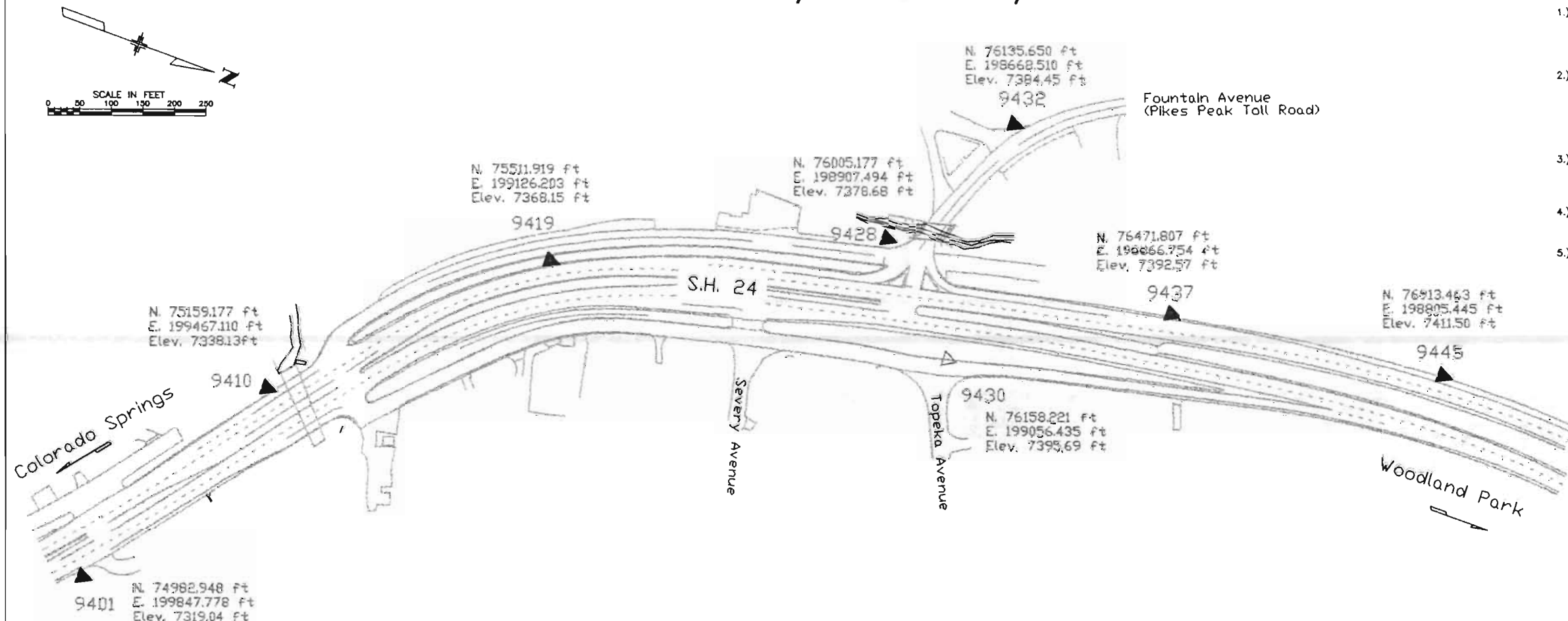
SURVEY SYMBOL TABLE

- ▲ Control Monument / CDOT Type 2
△ Control Point / hinge bolt w/ shiner

SURVEYOR CERTIFICATE

I hereby state that this survey was performed under my supervision and checking, for and on the behalf of the Colorado Department of Transportation, State of Colorado, and is not a Land Survey Plat or a Right of Way Survey Plat, and is to the best of my knowledge and belief, the information presented here is true and correct.

DATE



Project Coordinates

Name	Northing (ft)	Easting (ft)	Elev. (ft)	Description
9401	74982.948	199847.778	7319.04	RT CM South of driveway #8002 Hwy 24
9410	75159.177	199467.110	7338.13	LT CM Behind guardrail south of creek
9419	75511.919	199128.203	7368.15	LT CM Behind guardrail on frontage road.
9428	76005.177	198907.494	7378.68	LT CM Next to creek on frontage road.
9430	76158.221	199056.435	7395.89	RT bolt/shiner In asphalt on frontage road.
9432	76135.650	198668.510	7384.45	LT CM Corner of Fountain Ave and Emporia.
9437	76471.807	198866.754	7392.57	LT CM At end of guardrail on Hwy 24.
9445	76913.463	198805.445	7411.50	LT CM Behind guardrail on Hwy 24.

Project Latitude N 38.534866 Project Longitude W104.581801
Project Elevation 2249.0260m Zone - Colorado Central
Scale Factor 0.999942257 Combined Factor 0.9995894161
Northing Reduction 400000 ft Easting Reduction 900000 ft

Geographic Coordinates

Name	Latitude	Longitude	Ellipsoid Ht. (m)	Northing (m)	Easting (m)	Ortho Ht. (m)
9401	38° 53' 38.54001" N	104° 58' 6.19531" W	2207.781	422681.2307	960519.1888	2230.847
9410	38° 53' 40.30324" N	104° 58' 10.99521" W	2213.418	422734.9236	960403.2086	2236.668
9419	38° 53' 43.80817" N	104° 58' 15.27945" W	2222.435	422842.3952	960299.3426	2245.816
9428	38° 53' 48.69441" N	104° 58' 18.00844" W	2225.802	422982.6787	960232.7074	2249.026
9430	38° 53' 50.19801" N	104° 58' 16.11400" W	2230.880	423039.3075	960278.0660	2254.210
9432	38° 53' 49.89728" N	104° 58' 21.02054" W	2227.270	423032.4308	960159.8947	2250.785
9437	38° 53' 53.30732" N	104° 58' 18.48825" W	2229.873	423134.8485	960220.2949	2253.259
9445	38° 53' 57.87466" N	104° 58' 19.23199" W	2235.675	423269.4115	960201.6155	2259.031

State Plane Coordinates

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		SURVEY CONTROL DIAGRAM		Project No./Code		
Creation Date:	05/02/00	Initials:	law	Region 2 905 Erie Avenue Pueblo, CO 81002 Phone: (719) 546-5454 FAX: (719) 546-5414		No Revisions:		Surveyor: MLB S.H. 24 • Cascade/Pikes Peak Hwy Draft Person: LAW County (s) El Paso Section (s): S. 26 & 27, T 13 S, R 68 W, of the 6th PM		NH 0242-028		
Last Modification Date:	01/29/01	Initials:	DWC			Revised:				12391		
Full Path:			Void:			Sheet Number 03						
Drawing File Name:	SHEET3											
Acad Ver.: R14.01	Scale: 1:100	Units: ENGLISH			Right of Way/Survey Unit		Micheal L. Bouchard					

ALIQUOT CORNERS (U.S. SURVEY FEET)

PT.#	NORTHING	EASTING	ELEVATION	DESCRIPTION
2007	76387.078	198383.048		FOUND 2-1/2" U.S.G.L.O. BRASS CAP ON 1" PIPE IN A MOUND OF STONE, STAMPED 1937, 1/4 CORNER SECTIONS 23 & 26, T13S, R68W 6TH P.M.
2005	76307.473	201009.835		FOUND 2-1/2" U.S.G.L.O. BRASS CAP, ON A 1" PIPE, STAMPED 1937 SECTION CORNER SECTIONS 22, 23, 27 & 26, T13S, R68W, 6TH P.M.
4002	73674.233	200937.084		FOUND 8" X 4" X 14" STONE WITH CUT CROSS IN TOP, C1/4 CORNER SECTION 26, T13S, R68W, 6TH P.M.

FOUND PROPERTY EVIDENCE (U.S. SURVEY FEET)

PT.#	NORTHING	EASTING	ELEVATION	DESCRIPTION
1004	75538.364	199262.453		FOUND 1" DIAMETER IRON PIPE
1006	75438.750	199382.907		FOUND 1" DIAMETER IRON PIPE
1007	75401.663	199427.674		FOUND #5 REBAR WITH CAP, STAMPED LS 18235
1014	75861.025	199280.516		FOUND #5 REBAR WITH CAP, STAMPED WKC & ASSOC PLS 4842
1017	76063.553	199123.754		FOUND 1" DIAMETER IRON PIPE
1018	76083.229	199119.168		FOUND 1" DIAMETER IRON PIPE
1019	76155.274	199148.001		FOUND T-POST - REPLACE WITH RIGHT-OF-WAY MONUMENT
1020	76031.512	198894.648		FOUND #5 REBAR WITH CAP, STAMPED ZOX SURVEY LS 7228
1021	76089.546	198893.974		FOUND #5 REBAR WITH CAP, STAMPED PLSC RLS 25968
1022	76103.292	198855.286		FOUND #5 REBAR WITH CAP, STAMPED PLSC RLS 25968
3206	76042.595	198846.686		FOUND #3 REBAR
3222	76019.757	198792.460		FOUND #3 REBAR
4003	76026.206	198866.213		FOUND #4 REBAR
4004	76030.836	198863.624		FOUND 1" DIAMETER IRON PIPE
4005	75989.726	198750.108		FOUND #4 REBAR
4006	75971.360	198734.804		FOUND #4 REBAR
4008	76129.282	198659.615		FOUND 1 1/4" WITH CAP, STAMPED TCLS LS 30102
4014	76221.122	198854.379		FOUND 1" RED CAP, STAMPED PLSC RLS 25968
4015	76388.738	198826.036		FOUND 1" RED CAP, STAMPED PLSC RLS 25968
4016	76421.102	198811.551		FOUND 1" RED CAP, STAMPED PLSC RLS 25968
4017	76421.837	198837.591		FOUND 1" RED CAP, STAMPED PLSC RLS 25968

SURVEYOR CERTIFICATE (FIELD)

Section Corner Ties and Monumentation were 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

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		CONTROL MONUMENTATION		Project No./Code	
Creation Date:	05/02/00	Initials:	low	mm/yy	xxxxx		No Revisions:			NH 0242-028	
Last Modification Date:	01/29/01	Initials:	low				Revised:			12391	
Full Path:							Void:			Sheet Number 3A	
Drawing File Name:	SHEET3A.DWG							Surveyor: DWC S.H. 24 @ Cascade/Pikes Peak Hwy			
Acad Ver.: R14.01	Scale:	1:100	Units:	ENGLISH	Right of Way/Survey Unit Micheal L. Bouchard			Draft Person: DWC County (s) El Paso			
								Section (s): S. 23 & 26, T 13 S, R 68 W, of the 6th PM			

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

POINT NO.	NORTHING	EASTING
7001	74864.7716	199756.6031
7002	74928.8953	199679.2846
7003	75007.9386	199584.1328
7004	75259.0417	199286.7293
7005	75548.6408	199056.6719
7006	75667.4271	198991.2718
7007	75861.4445	198947.2515
7008	75857.9249	198916.9485
7011	76106.5249	198838.3993
7012	76400.6400	198805.6802
7017	75616.9915	199221.9858
7018	75833.4839	199170.1512
7020	75881.3717	199218.5789
7021	75986.4301	199164.8505
7022	76000.6736	199157.5662
7040	76006.3644	198897.8788
7041	76040.6513	198842.0828
7046	76206.2111	199115.8292
7047	76481.4629	199047.2184
7048	76526.8939	199061.6172
7049	76521.4078	199043.0395
7050	76955.3884	198988.4731
7065	74969.3705	199947.9854
7066	76808.2657	198633.0080
1019	76155.2741	199148.0012

TABULATION OF TEMPORARY EASEMENT POINTS
TO BE STAKED

POINT NO.	NORTHING	EASTING	TE
7042	76123.9916	198833.1430	TE-2
7043	76108.9316	198875.5292	TE-2
7044	76128.0606	198869.7727	TE-2
7045	76123.0434	198883.8937	TE-2
7060	75989.9394	198899.9889	TE-1
7061	75985.4797	198865.2742	TE-1
7062	76010.7917	198862.0224	TE-1
7063	76019.7601	198847.4278	TE-1
7064	76032.5401	198855.2811	TE-1

GENERAL NOTES

1. This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Transportation Department purposes Only.
2. 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.
3. All R.O.W. Markers are to be set from survey control points.
4. All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field. All stationing is approximate.
5. All coordinates listed are project coordinates only.
6. Commitments for title insurance supplied by H.C. Peck & Associates.

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	5	6
REFERENCE								
RIGHT OF WAY	25							
CONTROL								
ALIQUOT CORNER								
WITNESS POST								

SURVEYOR CERTIFICATE (FIELD)

Section Corner Ties and Monumentation were 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. _____

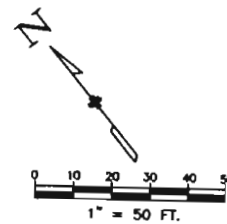
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Last Modification Date:	01/29/01	Initials:	DWC	☐				Revised:				
Full Path:				☐				Void:				
Drawing File Name:	SHEET4			☐								
Acad Ver.: R14.01	Scale:	1:100	Units:	ENGLISH			Region 2 905 Erie Avenue Pueblo, CO 81002 Phone: (719) 546-5454 FAX: (719) 546-5414		Surveyor: DWC S.H. 24 • Cascade/Pikes Peak Hwy		12391	
						Right of Way/Survey Unit		Micheal L. Bouchard		Draft Person: DWC County (s) El Paso		Sheet Number
										Section (s): S. 23 & 26, T 13 S, R 68 W, of the 6th PM		04

NW 1/4
SEC 26
T. 13 S., R 68 W.

CASCADE TOWN COMPANY

CASCADE ADDITION



S 50°24'35" E
156.31 FT

Ex. R.O.W.
1006

S 50°17'08" E
734.60 FT

Ex. R.O.W.

DUMPHEY ENTERPRISES LLC

PC Sta = 5+83.88

Begin Project Sta 1+10.00

Begin U.S. 24 Project
Control Line 0+00.00
N 74944.92
E 199814.66

S 51°23'50" E
583.88 FT

U.S. HWY 24

N 49°49'30" W
389.23 FT

Ex. R.O.W.

N 50°17'00" W
123.70 FT

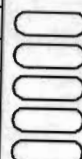
N 50°19'46" W
100.45 FT

ALVIN A. & EMMY E. THORNE

Computer File Information

Creation Date: 07/01/00 Initials: DWC
Last Modification Date: 01/29/01 Initials: DWC
Full Path:
Drawing File Name: SHEET5.DWG
Acad Ver. ACAD14 Scale: 1" = 50' Units: ENGLISH

Index of Revisions



REGION II

905 Erie Avenue
Pueblo, CO 81002
Phone: (719) 546-5454
FAX: (719) 546-5414

THE
LUND PARTNERSHIP, INC.
12255 W. BAYAUD AVE. SUITE 130
LAKEWOOD, COLORADO 80228
303 969-1451 FAX 303 969-4094
JOB NO. 300-0102
OCTOBER 04, 2000

As Constructed

No. Revisions:

Revised:

Void:

RIGHT OF WAY

Designer:

Detailer:

Sheet Subset:

Structure
Numbers

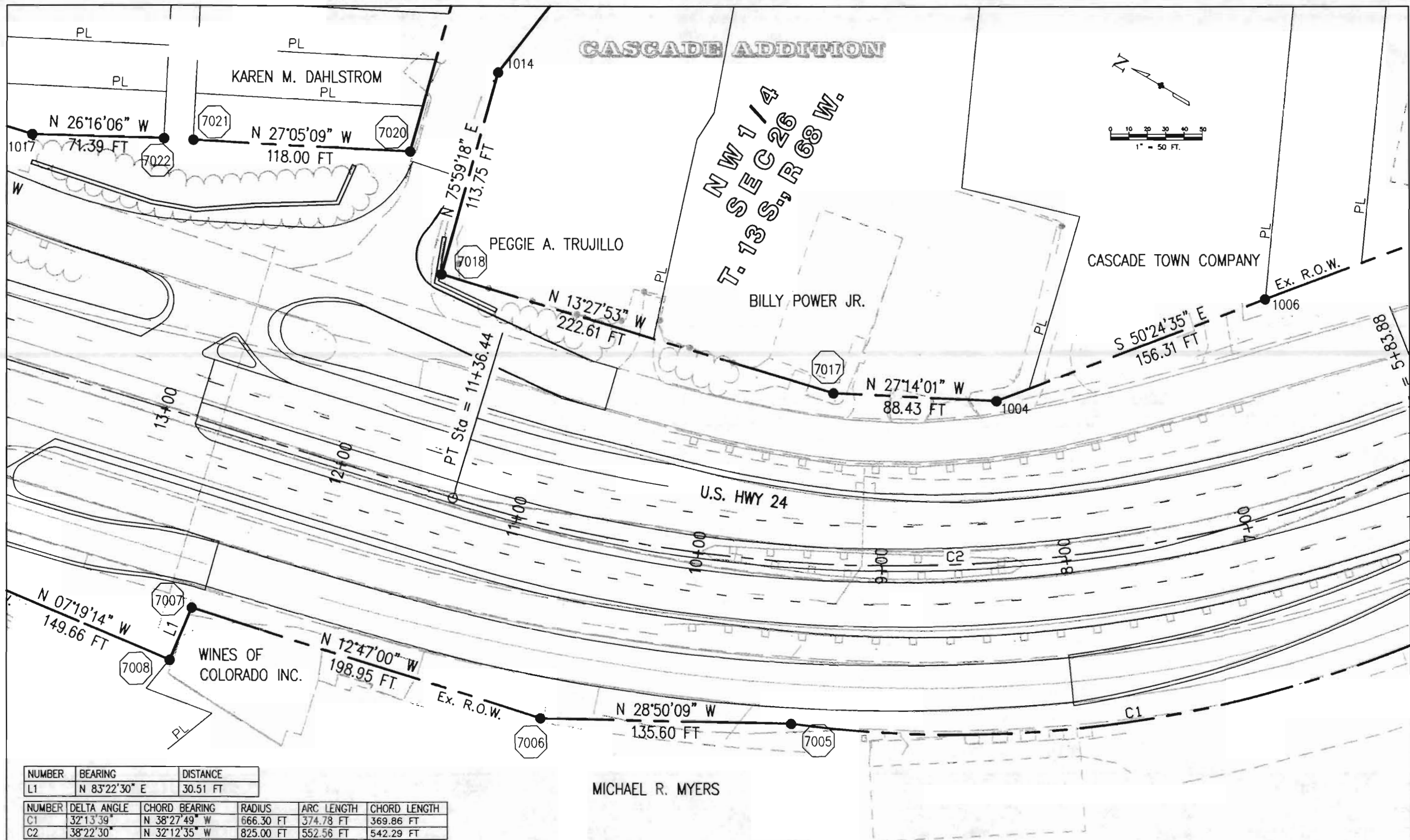
Subset Sheets: of

Project No./Code

NH-0242-028

12391

Sheet Number: 5



NUMBER	BEARING	DISTANCE
L1	N 83°22'30" E	30.51 FT

NUMBER	DELTA ANGLE	CHORD BEARING	RADIUS	ARC LENGTH	CHORD LENGTH
C1	32°13'39"	N 38°27'49" W	666.30 FT	374.78 FT	369.86 FT
C2	38°22'30"	N 32°12'35" W	825.00 FT	552.56 FT	542.29 FT

Computer File Information		
Creation Date: 07/03/00	Initials: DWC	
Last Modification Date: 01/29/01	Initials: DWC	
Full Path:		
Drawing File Name: SHEET6.DWG		
Acad Ver. ACAD14	Scale:	Units: ENGLISH

Index of Revisions		

REGION II

DOT
DEPARTMENT OF TRANSPORTATION

905 Erie Avenue
Pueblo, CO 81002
Phone: (719) 546-5454
FAX: (719) 546-5414

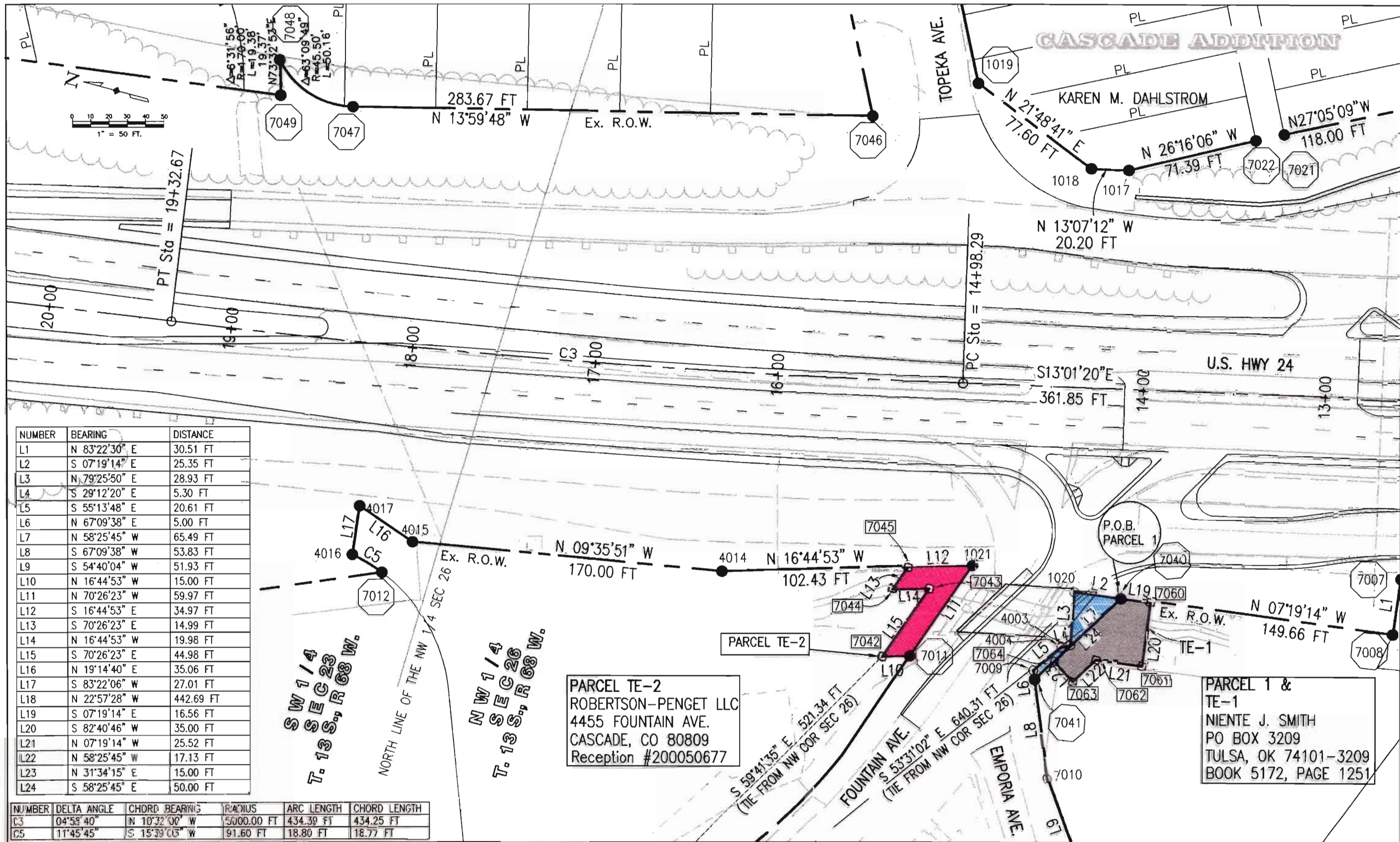
LUND PARTNERSHIP, INC.

12255 W. BAYAUD AVE. SUITE 130
LAKEWOOD, COLORADO 80228
303 968-1461 FAX 303 958-4094
JOB NO. 309-0102
OCTOBER 04, 2000

As Constructed
No. Revisions:
Revised:
Void:

RIGHT OF WAY		
Designer:	Structure Numbers	
Detailer:		
Sheet Subset:	Subset Sheets:	of

Project No./Code
NH-0242-028
12391
Sheet Number: 6



NUMBER	BEARING	DISTANCE
L1	N 83°22'30" E	30.51 FT
L2	S 07°19'14" E	25.35 FT
L3	N 79°25'50" E	28.93 FT
L4	S 29°12'20" E	5.30 FT
L5	S 55°13'48" E	20.61 FT
L6	N 67°09'38" E	5.00 FT
L7	N 58°25'45" W	65.49 FT
L8	S 67°09'38" W	53.83 FT
L9	S 54°40'04" W	51.93 FT
L10	N 16°44'53" W	15.00 FT
L11	N 70°26'23" W	59.97 FT
L12	S 16°44'53" E	34.97 FT
L13	S 70°26'23" E	14.99 FT
L14	N 16°44'53" W	19.98 FT
L15	S 70°26'23" E	44.98 FT
L16	N 19°14'40" E	35.06 FT
L17	S 83°22'06" W	27.01 FT
L18	N 22°57'28" W	442.69 FT
L19	S 07°19'14" E	16.56 FT
L20	S 82°40'46" W	35.00 FT
L21	N 07°19'14" W	25.52 FT
L22	N 58°25'45" W	17.13 FT
L23	N 31°34'15" E	15.00 FT
L24	S 58°25'45" E	50.00 FT

NUMBER	DELTA ANGLE	CHORD BEARING	RADIUS	ARC LENGTH	CHORD LENGTH
C3	04°58'40"	N 10°32'00" W	5300.00 FT	434.39 FT	434.25 FT
C5	11°45'45"	S 15°39'03" W	91.60 FT	18.80 FT	18.77 FT

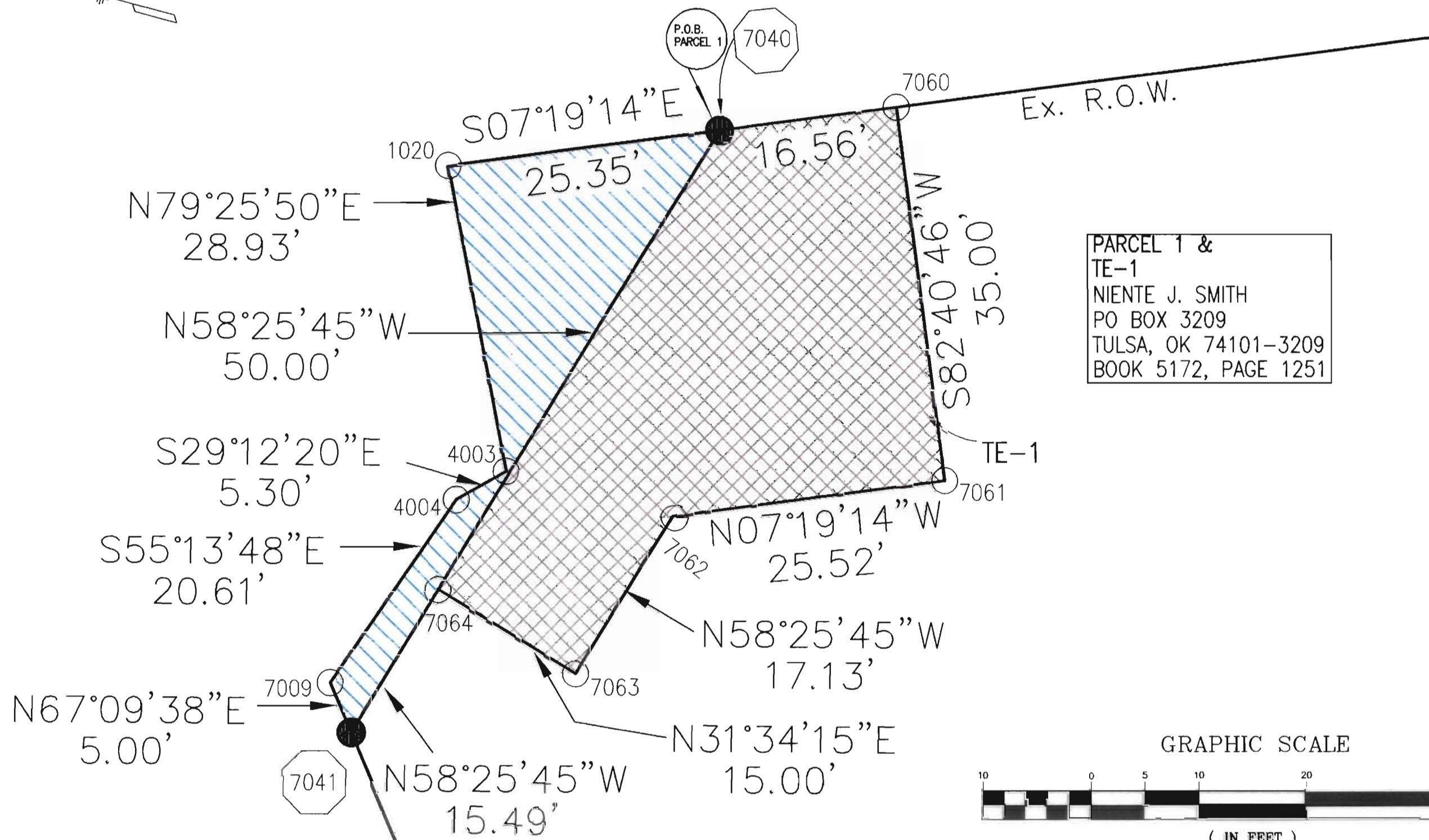
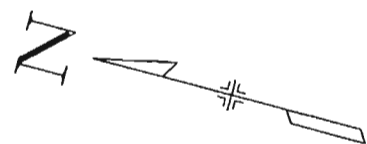
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Last Modification Date: 01/29/01		Initials: DWC		Revised:		Detailer:		12391	
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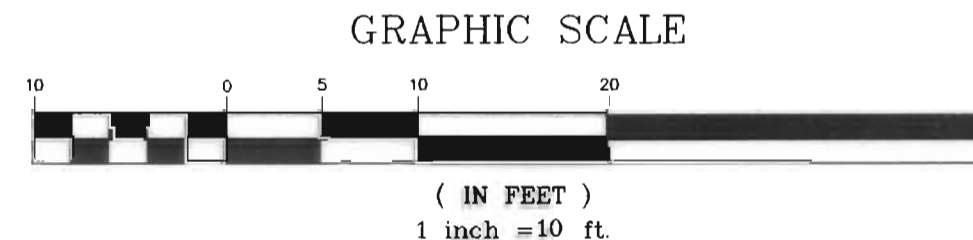
REGION II

905 Erie Avenue
Pueblo, CO 81002
Phone: (719) 546-5454
FAX: (719) 546-5414

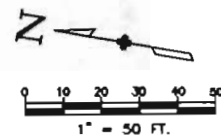
THE LUND PARTNERSHIP, INC.
12265 W. BAYAUD AVE. SUITE 130
LAKEWOOD, COLORADO 80228
303 989-1481 FAX 303 989-4094
JOB NO. 309-0102
OCTOBER 04, 2000



PARCEL 1 &
TE-1
NIENTE J. SMITH
PO BOX 3209
TULSA, OK 74101-3209
BOOK 5172, PAGE 1251



Computer File Information		Index of Revisions		 REGION II	THE LUND PARTNERSHIP, INC. 12285 W. BAYAUD AVE. SUITE 130 LAKEWOOD, COLORADO 80228 303 945-1481 FAX 303 959-4094 JOB NO. 309-0102 OCTOBER 04, 2000	As Constructed		RIGHT OF WAY		Project No./Code
Creation Date: 07/03/00	Initials: DWC					No. Revisions:		Designer:	Structure Numbers	NH-0242-028
Last Modification Date: 01/29/01	Initials: DWC					Revised:		Detailer:		12391
Full Path:						Void:		Sheet Subset:	Subset Sheets: of	Sheet Number: 7A
Drawing File Name: SHEET7A										
Acad Ver. ACAD14	Scale: 1" = 10'	Units: ENGLISH								



End U.S. 24 Project Control Line
PT Sta = 25+25.66
N 77°13'45"
E 198869.90

SW 1/4
SEC 23
T. 13 S., R 68 W.

End Project Sta 23+38.00

PC Sta = 21+44.75

PT Sta = 19+32.67

HAGERMAN SUB.

BURROUGHS SUB.

7050

7049

7048

7066

437.40 FT
N 07°09'59" W

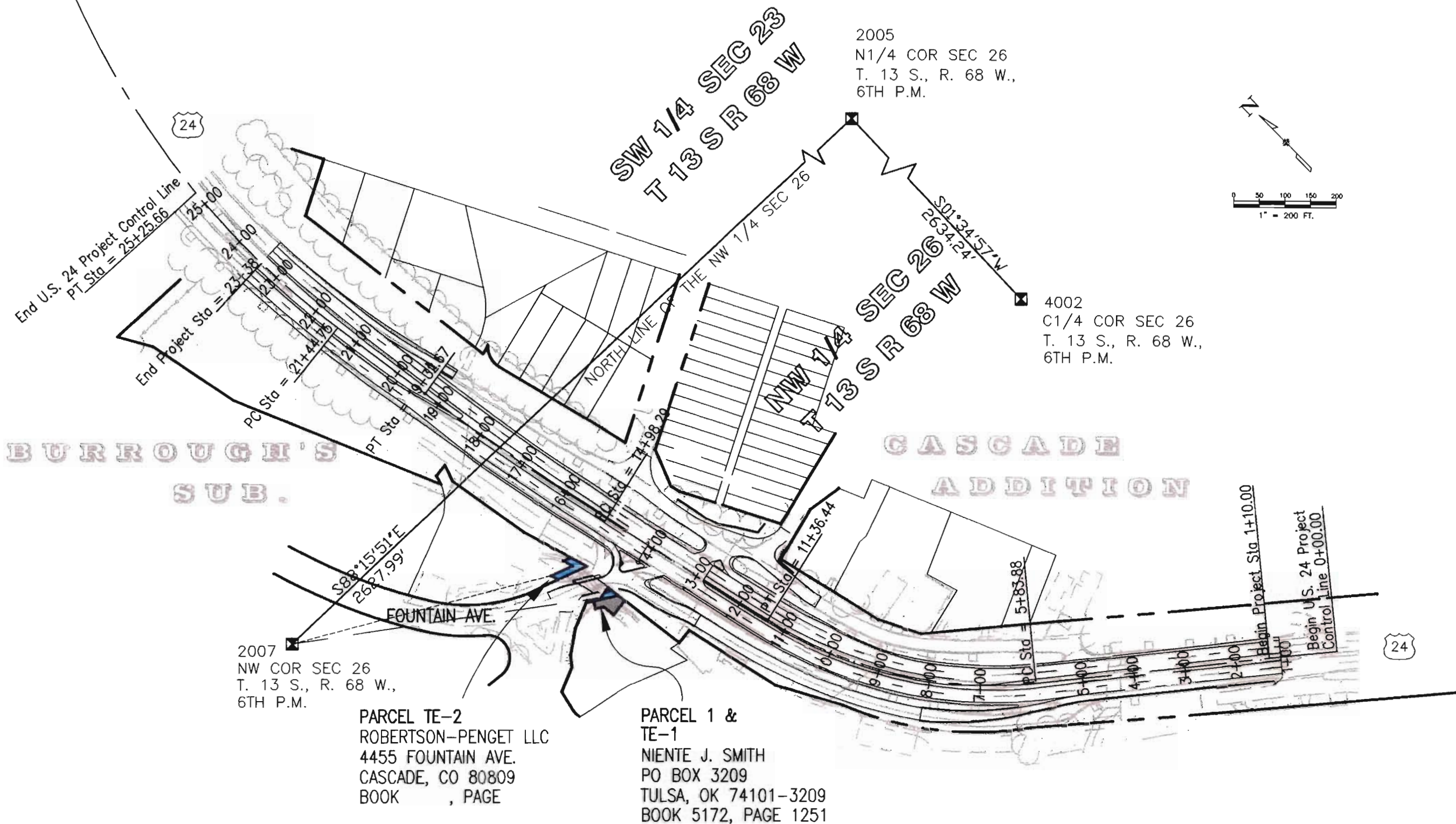
S08°02'40"E
212.07 FT

442.69 FT

N25°57'28"W

NUMBER	DELTA ANGLE	CHORD BEARING	RADIUS	ARC LENGTH	CHORD LENGTH
C4	27°42'46"	N 05°48'42" E	1625.00' FT	785.98 FT	778.34 FT

Computer File Information		Index of Revisions		 905 ERIE AVENUE PUERLO, CO 81002 Phone: (719) 546-5454 FAX: (719) 546-5414 REGION II	 12266 W. BATAUD AVE. SUITE 130 LAKEWOOD, COLORADO 80226 303 989-1461 FAX 303 989-4004 JOB NO. 309-0102 OCTOBER 04, 2000	As Constructed		RIGHT OF WAY		Project No./Code	
Creation Date: 07/03/00 Initials: DWC						No. Revisions:				NH-0242-028	
Last Modification Date: 01/29/01 Initials: DWC						Revised:		Designer:		12391	
Full Path:						Void:		Detailer:		Sheet Number: 8	
Drawing File Name: SHEET9.DWG								Sheet Subset:		Subset Sheets: of	
Acad Ver. ACAD14 Scale: 1" = 50' Units: ENGLISH											



Computer File Information		Index of Revisions		 REGION II	As Constructed		OWNERSHIP MAP		Project No./Code
Creation Date: 07/03/00	Initials: DWC				No. Revisions:		Designer:	Structure Numbers	NH-0242-028
Last Modification Date: 01/29/01	Initials: DWC				Revised:		Detailer:		12391
Full Path:					Void:		Sheet Subset:	Subset Sheets: of	Sheet Number: 9
Drawing File Name: SHEET9.DWG									
Acad Ver. ACAD14	Scale: 1" = 200' Units: ENGLISH								

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OCTOBER 04, 2000