

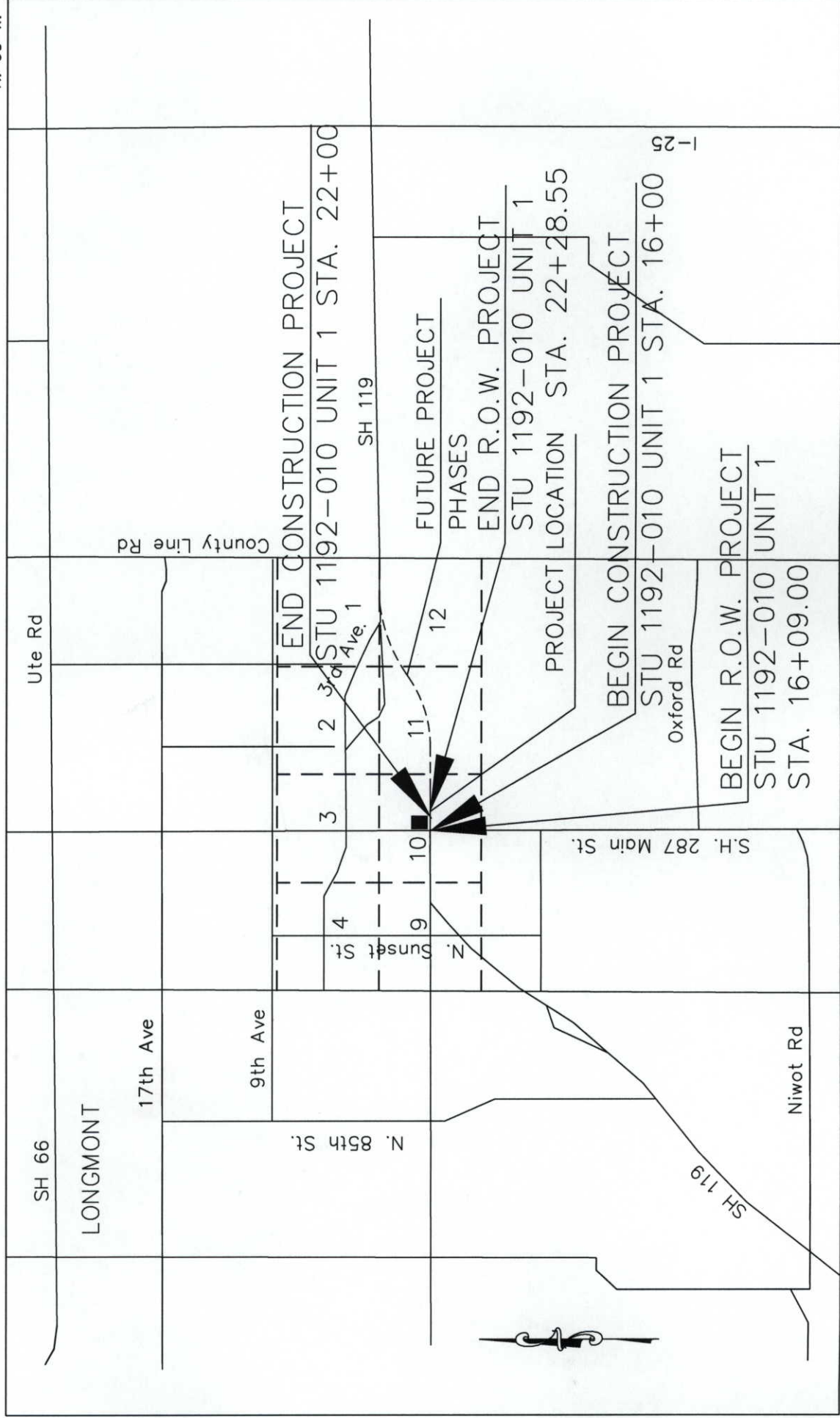
CONVENTIONAL SIGNS

BASIS OF BEARINGS

For the purpose of this project the bearings are based on a line connecting the Center 1/4 corner of Section 10, Township 2 North, Range 69 West of the 6th Principal Meridian (2 1/2" Alum. Cap in Range Box stamped "LS 24949") and the East 1/4 corner of Section 10, Township 2 North, Range 69 West of the 6th Principal Meridian (2 1/2" Alum. Cap 0.8' below surface Stamped "PLS 23500") as bearing North 89°27'40" East.

CTR CORNER SEC. 10
FOUND 2 1/2" ALUM CAP
IN RANGE BOX
"LS 24949"

East-West C/L
N 89°27'40" E

S
T
N

T. 2 N.

DEPOSITED THIS _____ DAY OF _____, 19____, AT _____, M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT _____
SURVEYS AT PAGE _____, RECEPTION NUMBER _____

SIGNED
DEPT.

10/91/8 dwostestomp

 Region 4 1420 2nd Street Greeley CO 80631 Phone: (970) 350-2157 FAX: (970) 350-2178		COLORADO DEPARTMENT OF TRANSPORTATION																																									
RIGHT OF WAY PLANS UNIT: MDH		Sheet Revisions <table border="1"> <tr> <td>11/00</td> <td>Permanent Easements PE-2A & PE-4 Added</td> <td>SH 2A Added</td> <td>JMD</td> </tr> <tr> <td>3/01</td> <td>AI removed</td> <td>PE-1A, IE-1 & AL-1 Rev Added</td> <td>JMD</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>		11/00	Permanent Easements PE-2A & PE-4 Added	SH 2A Added	JMD	3/01	AI removed	PE-1A, IE-1 & AL-1 Rev Added	JMD																																
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 Aztec Consultants, inc. 8000 South Lincoln Street, Unit 5 Littleton, Colorado 80122 Phone: (303)713-1898 Fax: (303)713-1897		Aztec Consultants, Inc. CONSULTANTS, INC. CORPORATION																																									
RIGHT OF WAY		TABULATION OF PROPERTIES																																									
STU 1192-009 Unit 1 (ROW)		SH 119 - KEN PRATT BOULEVARD																																									
PROJECT CODE: 12370		SHEET NUMBER: 2A																																									

R.O.W. TABULATION OF PROPERTIES IN BOULDER COUNTY

[illegible]



Region 4
1420 2nd Street
Greeley CO 80631
Phone: (970) 350-2157 FAX: (970) 350-2178
RIGHT OF WAY PLANS UNIT: MDH

DEPARTMENT OF TRANSPORTATION

COLORADO DEPARTMENT OF TRANSPORTATION

Sheet Revisions	
12/00	Sheet 3-A Added JWD

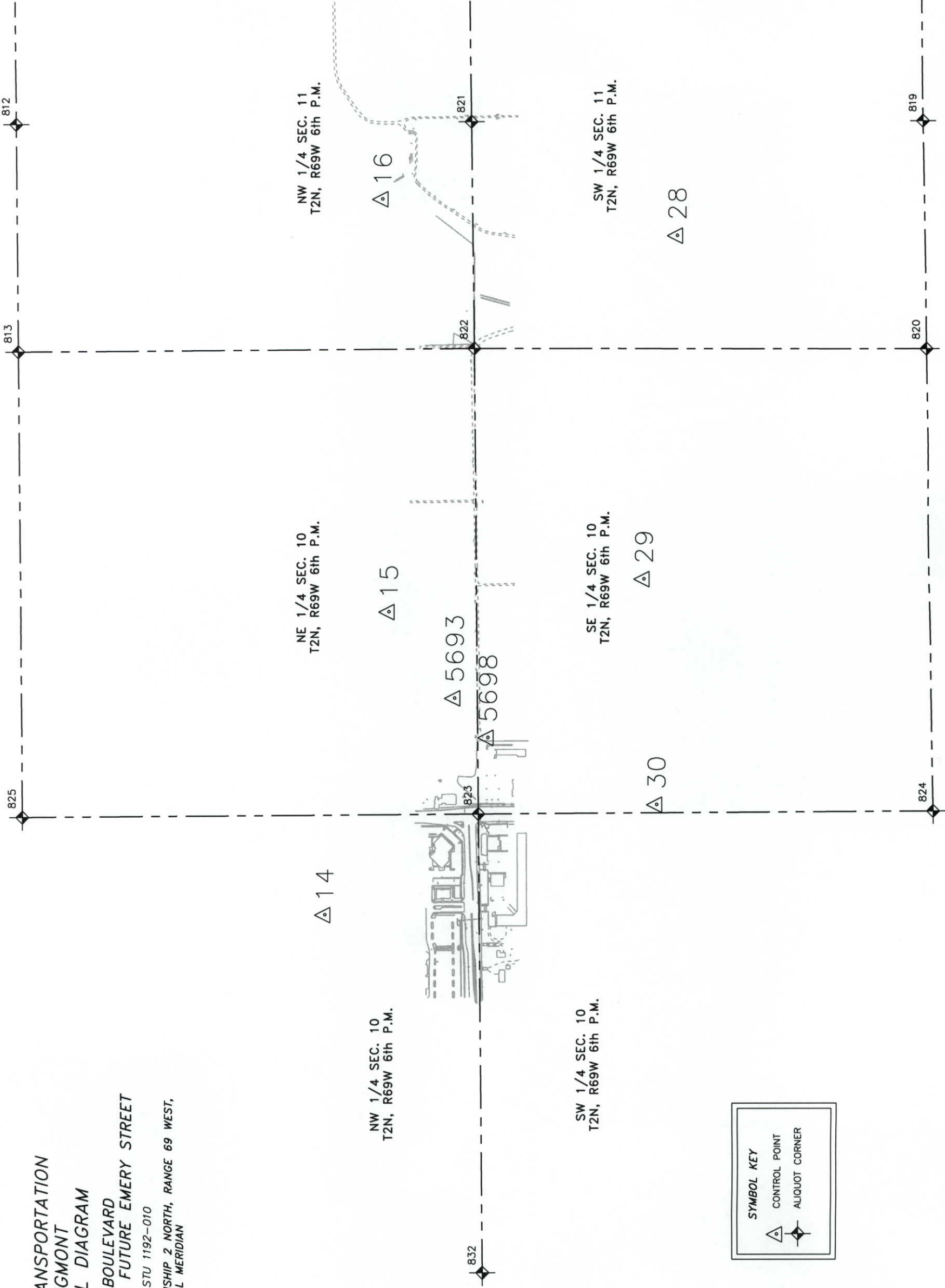


Aztec Consultants, inc.
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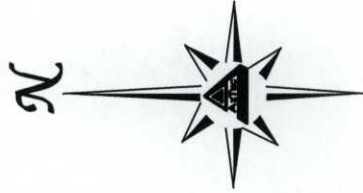
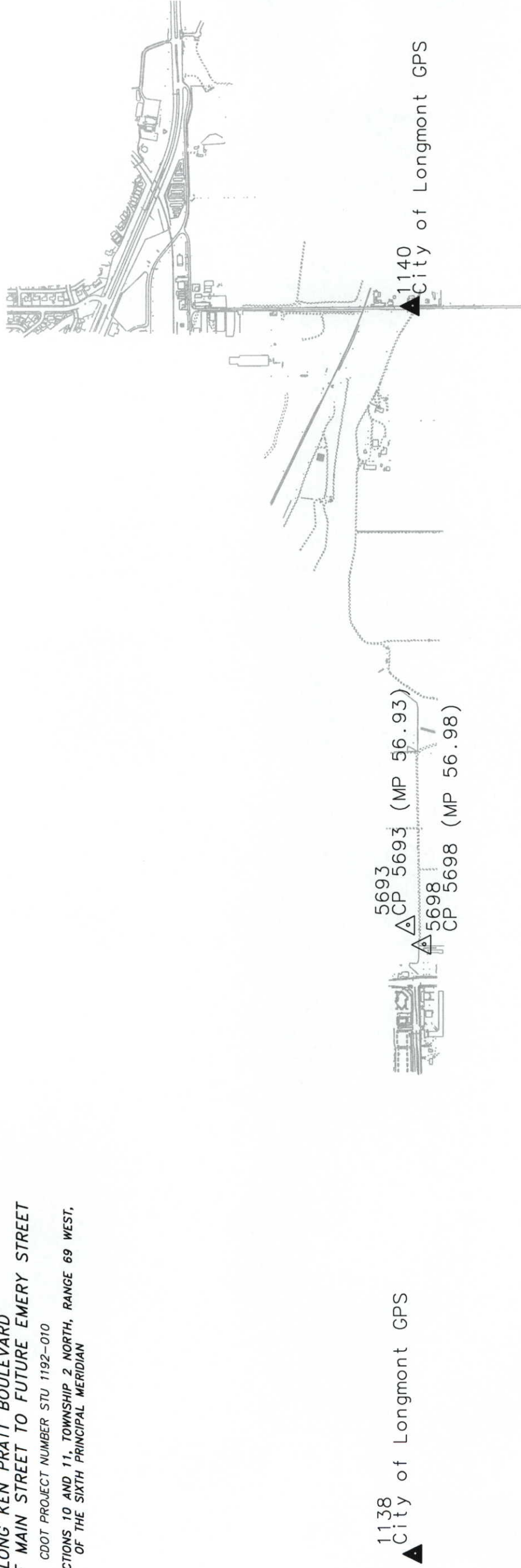
KEN PRATT BOULEVARD EXTENSION
SURVEY CONTROL DIAGRAM
STU 1192-009 UNIT 1
SH 119 - KEN PRATT BOULEVARD

PROJECT CODE: 12370 SHEET NUMBER: 3-A

DEPARTMENT OF TRANSPORTATION
CITY OF LONGMONT
SURVEY CONTROL DIAGRAM
ALONG KEN PRATT BOULEVARD
FROM W'LY OF MAIN STREET TO FUTURE EMERY STREET
CDOT PROJECT NUMBER STU 1192-010
LOCATED WITHIN SECTIONS 10 AND 11, TOWNSHIP 2 NORTH, RANGE 69 WEST,
OF THE SIXTH PRINCIPAL MERIDIAN



DEPARTMENT OF TRANSPORTATION
CITY OF LONGMONT
SURVEY CONTROL DIAGRAM
ALONG KEN PRATT BOULEVARD
FROM W'LY OF MAIN STREET TO FUTURE EMERY STREET
CDOT PROJECT NUMBER STU 1192-010
LOCATED WITHIN SECTIONS 10 AND 11, TOWNSHIP 2 NORTH, RANGE 69 WEST,
OF THE SIXTH PRINCIPAL MERIDIAN





Region 4

1420 2nd Street
Greeley CO 80631
Phone: (970) 350-2157 FAX: (970) 350-2178

COLORADO DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS UNIT: MDH

Sheet Revisions		
12/00	Sheet 3 Revised & Sheets 3-A & 3-B Added	JMD



Aztec Consultants, inc.

8000 S. Lincoln Street, Unit 5
Littleton, Colorado 80122
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KEN PRATT BOULEVARD EXTENSION

SURVEY CONTROL DIAGRAM

STU 1192-009 UNIT 1

SH 119 – KEN PRATT BOULEVARD

PROJECT CODE: 12370 SHEET NUMBER: 3

DEPARTMENT OF TRANSPORTATION
CITY OF LONGMONT
SURVEY CONTROL DIAGRAM

ALONG KEN PRATT BOULEVARD
FROM W'LY OF MAIN STREET TO FUTURE EMERY STREET
CDOT PROJECT NUMBER STU 1192-010
LOCATED WITHIN SECTIONS 10 AND 11, TOWNSHIP 2 NORTH, RANGE 69 WEST,
OF THE SIXTH PRINCIPAL MERIDIAN

GPS COORDINATE SUMMARY TABLE (METRIC)

POINT #	LATITUDE	LONGITUDE	HEIGHT	MAPPING ANGLE	SCALE	NAD83 ZONE 0501		NGVD 1929 ELEV.
						NORTHING	EASTING	
1138	40°09'09.22298"N	105°07'35.88225"W	1502.005	0°14'28"	0.9999583068	395826.676	946212.506	1518.642
1140	40°09'09.05184"N	105°04'26.94049"W	1481.022	0°16'31"	0.9999583082	395841.548	950684.106	1497.977
1147	40°08'25.07418"N	105°05'53.52708"W	1496.753	0°15'35"	0.9999586945	394475.620	948641.057	1513.585
5693	40°09'09.81784"N	105°06'00.44496"W	1489.410	0°15'30"	0.9999583019	395854.870	948471.083	1506.213
5698	40°09'07.92280"N	105°06'03.39413"W	1489.923	0°15'28"	0.9999583176	395796.109	948401.550	1506.721
14	40°09'17.27776"N	105°06'16.46270"W	1491.015	0°15'20"	0.9999582410	396083.250	948090.976	1507.787
15	40°09'13.55672"N	105°05'54.02366"W	1488.381	0°15'34"	0.9999582712	395970.872	948622.530	1505.193
16	40°09'13.81193"N	105°05'23.46500"W	1485.300	0°15'54"	0.9999582691	395982.054	949345.695	1502.163
17	40°09'16.05744"N	105°05'01.47637"W	1484.946	0°16'08"	0.9999582508	396053.735	949865.751	1501.843
28	40°08'56.92388"N	105°05'26.33142"W	1486.610	0°15'52"	0.9999584102	395460.877	949280.262	1503.475
29	40°08'58.92873"N	105°05'51.71520"W	1489.260	0°15'36"	0.9999583931	395519.961	948679.209	1506.082
30	40°08'58.24286"N	105°06'08.42427"W	1491.735	0°15'25"	0.9999583990	395497.023	948283.843	1508.530

BASIS OF BEARINGS:For the purpose of this project the bearings are based on a line connecting the Center 1/4 corner of Section 10, Township 2 North, Range 69 West of the 6th Principal Meridian (2 1/2" Alum. Cap in Range Box stamped "LS 24949") and the East 1/4 corner of Section 10, Township 2 North, Range 69 West of the 6th Principal Meridian (2 1/2" Alum. Cap 0.8' below surface Stamped "PLS 23500") as bearing North 89°27'40" East.

BASIS OF ELEVATIONS: Vertical Datum for this project is based on City of Longmont Control Point #1140. The NGVD 1929 elevation of this point is 1497.977 meters per City of Longmont GPS Survey dated April, 1992.

COORDINATE BASIS: Horizontal control for this project is based on the City of Longmont GPS Control Network. The control information for this network is from a survey performed by Geonex Incorporated in April, 1992 for the City of Longmont that utilized NGS monuments Moore and Skyline as primary control points. The published information for CP's 1138, 1140 and 1147 are held as fixed in the final horizontal adjustment for this project. Project coordinates are modified Colorado State Plane North Zone coordinates. The combined elevation/scale factor used to modify the coordinates is 0.999724825554. Project coordinates are derived from State Plane Coordinates using the following formulas:
Project Northing (m) = (SPC Northing/0.999724825554) – 108.164 meters
Project Easting (m) = (SPC Easting/0.999724825554) – 259.774 meters
Note: Project coordinates are published in US Survey Feet units.

PROJECT COORDINATE SUMMARY TABLE (US FT)

POINT #	PROJECT COORDINATES		NGVD 1929 ELEV.	DESCRIPTION
	NORTHING	EASTING		
1138	1298643.935	3104367.732	4982.411	City of Longmont GPS Control Point
1140	1298692.744	3119042.341	4914.613	City of Longmont GPS Control Point
1147	1294210.127	3112337.596	4965.820	City of Longmont GPS Control Point
5693	1298736.462	3111779.786	4941.634	CDOT Type II Control Monument (MP 56.93)
5698	1298543.622	3111551.597	4943.302	CDOT Type II Control Monument (MP 56.98)
14	1299485.946	3110532.374	4946.799	Aerial Target KP14 PK NAIL
15	1299117.150	3112276.794	4938.288	Aerial Target KP15 P&C
16	1299153.845	3114650.029	4928.346	Aerial Target KP16 P&C
17	1299389.084	3116356.719	4927.298	Aerial Target KP17 P&C
28	1297443.479	3114435.298	4932.650	Aerial Target KP28 P&C
29	1297637.379	3112462.799	4941.203	Aerial Target KP29 P&C
30	1297562.104	3111165.313	4949.234	Aerial Target KP30 P&C

Note: CDOT Type II monuments are set 3-1/4" dia. aluminum caps stamped with Milepost Number on 3' x 3/4" aluminum rods. Aerial Targets are set 1-1/2" aluminum caps stamped with "kp" and point number on 2' x 5/8" rebar, unless otherwise noted.

FOUND ALIQUOT CORNERS

POINT #	PROJECT COORDINATES		DESCRIPTION
	NORTHING	EASTING	
812	1301278.728	3115081.860	W 1/16 CDR SEC 2/11 – 2 1/2" ALUM CAP "PLS 23500"
813	1301266.001	3113774.225	NE CDR SEC 10 – 3 1/4" ALUM CAP IN RANGE BOX "LS 20685"
819	1296021.932	3115091.727	W 1/16 CDR SEC 11/14 – 2 1/2" ALUM CAP "LS 20685"
820	1296003.811	3113783.785	SE CDR SEC 10 – 2 1/2" ALUM CAP IN RANGE BOX "LS 20685"
821	1298640.531	3115092.078	W 1/16 CDR CTR SEC 11 – 3 1/4" ALUM CAP "LS 20685"
822	1298624.269	3113789.669	E 1/4 CDR SEC 10 – 2 1/2" ALUM CAP "PLS 23500"
823	1298599.066	3111110.518	CTR CDR SEC 10 – 2 1/2" ALUM CAP IN RANGE BOX "LS 24949"
824	1295961.594	3111125.409	S 1/4 SEC 10 – 7/8" REBAR IN RANGE BOX
825	1301240.915	3111095.540	N 1/4 CDR SEC 10 – 3 1/4" ALUM CAP "PLS 20673"
832	1298574.105	3108468.650	W 1/4 SEC 10 – 2 1/2" BRASS CAP "LS 13446"



Region 4
1420 2nd Street
Greeley CO 80631
Phone: (970) 350-2157 FAX: (970) 350-2178

RIGHT OF WAY PLANS UNIT: MDH

Sheet Revisions

12/00	Revised Aliquot Corner Note and Added General Note 9	JWD
3/01	Added Points 424 - 432	JWD
8/01	Deleted Note 9 & "Prior to Construction" Statement	JWD

Aztec CONSULTANTS, inc.

8000 South Lincoln Street, Unit 5
Littleton, Colorado 80122
Phone: (303)713-1898 Fax: (303)713-1897



RIGHT OF WAY

MONUMENTATION SHEET

STU 1192-009 UNIT 1

SH 119 - KEN PRATT BOULEVARD

PROJECT CODE: 12370 SHEET NUMBER: 4

RIGHT OF WAY MARKERS
TO BE SET BY STATE FORCES

POINT	NORTHING	EASTING	STATION/OFFSET
301	1298754.972	3111169.635	16+18.88
302	1298715.118	3111218.406	16+67.06
303	1298717.106	3111779.894	22+28.55
304	1298567.107	3111780.447	22+28.57
305	1298566.329	3111560.730	20+08.86
306	1298555.299	3111560.769	20+08.86
307	1298552.118	3111222.601	16+70.68
308	1298514.971	3111170.994	16+18.45
309	1298951.211	3111168.523	16+19.21
310	1298951.154	3111158.523	16+09.48

TABULATION OF SLOPE EASEMENTS AND
PERMANENT EASEMENT POINTS TO BE STAKED

POINT	NORTHING	EASTING	STATION/OFFSET
401	1298724.480	3111206.951	16+55.69
402	1298823.639	3111295.237	17+44.27
403	1298784.510	3111339.185	17+88.08
404	1298715.547	3111339.429	17+88.08
405	1298740.547	3111339.341	17+88.08
406	1298742.105	3111779.802	22+28.55
407	1298747.105	3111779.784	22+28.55
408	1298745.547	3111339.323	17+88.08
409	1298542.107	3111780.539	22+28.58
410	1298541.329	3111560.848	20+08.88
414	1298521.330	3111560.961	20+08.93
415	1298522.107	3111780.612	22+28.58
416	1298762.105	3111779.729	22+28.55
417	1298762.456	3111878.726	23+27.54
418	1298526.457	3111879.561	23+27.54
419	1298526.107	3111780.598	22+28.58
420	1298536.107	3111780.561	22+28.58
421	1298536.422	3111869.526	23+17.54
422	1298752.420	3111868.761	23+17.54
423	1298752.105	3111779.765	22+28.55
424	1298952.865	3111460.328	19+09.82
425	1298932.752	3111440.441	18+89.86
426	1298931.211	3111168.636	16+19.18

TABULATION OF TEMPORARY EASEMENT
POINTS TO BE STAKED

POINT	NORTHING	EASTING	STATION/OFFSET
411	1298541.985	3111208.524	16+56.51
412	1298554.735	3111500.771	19+48.86
413	1298544.735	3111500.828	19+48.88
427	1298922.695	3111430.498	18+79.89
428	1298921.324	3111188.692	16+38.68
429	1298897.269	3111188.829	16+38.68
430	1298851.876	3111293.598	17+42.74
431	1298820.208	3111329.167	17+78.19
432	1298805.967	3111315.086	17+64.06

PROPERTY CORNER MARKERS
TO BE SET BY OTHERS

POINT	NORTHING	EASTING	STATION/OFFSET
311	1298952.865	3111460.328	19+09.82
			-311.89

QUANTITY OF MONUMENTS TO BE SET
BY STATE FORCES

CAP TYPE	MONUMENT TYPE					
	1	1A	2	2A	3	3A
PROPERTY CORNER						
RIGHT OF WAY	10					
CONTROL						
ALIQUOT CORNER						
WITNESS POST						

SURVEYOR CERTIFICATE (FIELD)

Control Survey and 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 _____

AZTEC CONSULTANTS, INC. SURVEYOR'S CERTIFICATE

Right of Way Plans, and Property Descriptions, and Survey Control Monuments were supervised and/or prepared under my direct supervision and review based on surveys, topography and proposed construction prepared by others. Ownership was relied on existing deeds, obtained from county records and plats.

NAME _____ P.L.S. NO. _____

DATE _____

COLORADO DEPARTMENT OF TRANSPORTATION

Region 4
1420 2nd Street
Greeley CO 80631
Phone: (970) 350-2157 FAX: (970) 350-2178
RIGHT OF WAY PLANS UNIT: MDH

Sheet Revisions

NO.	DATE	REVISION
11/00		Permanent Easements PE-2A & PE-4 Added
12/00		Note for PE-4 Added
3/01		1A removed AC-1 Rev, PE-1A & TE-1 Added
4/01		AC-1 Rev 2 Added

Aztec CONSULTANTS, inc.



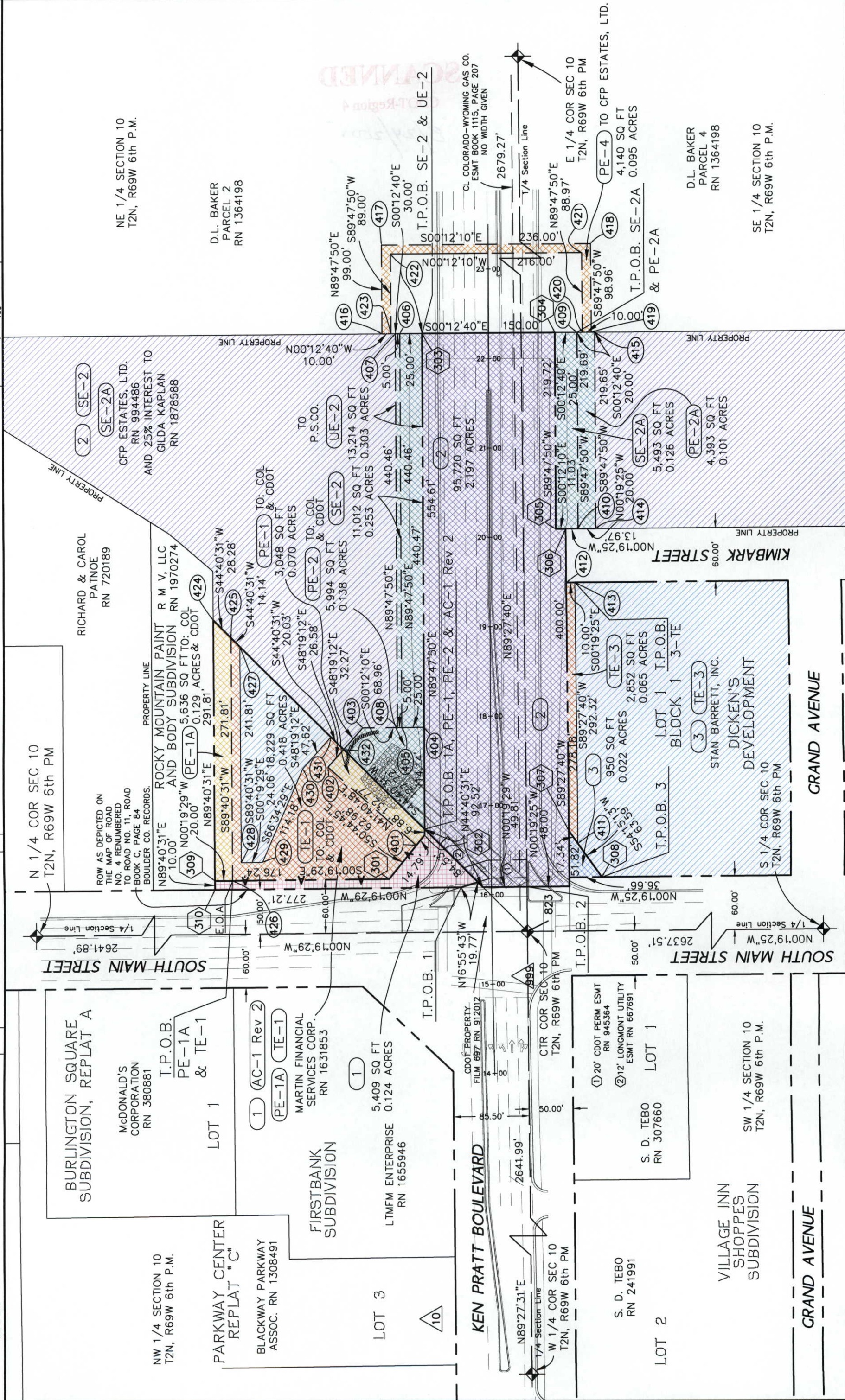
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RIGHT OF WAY

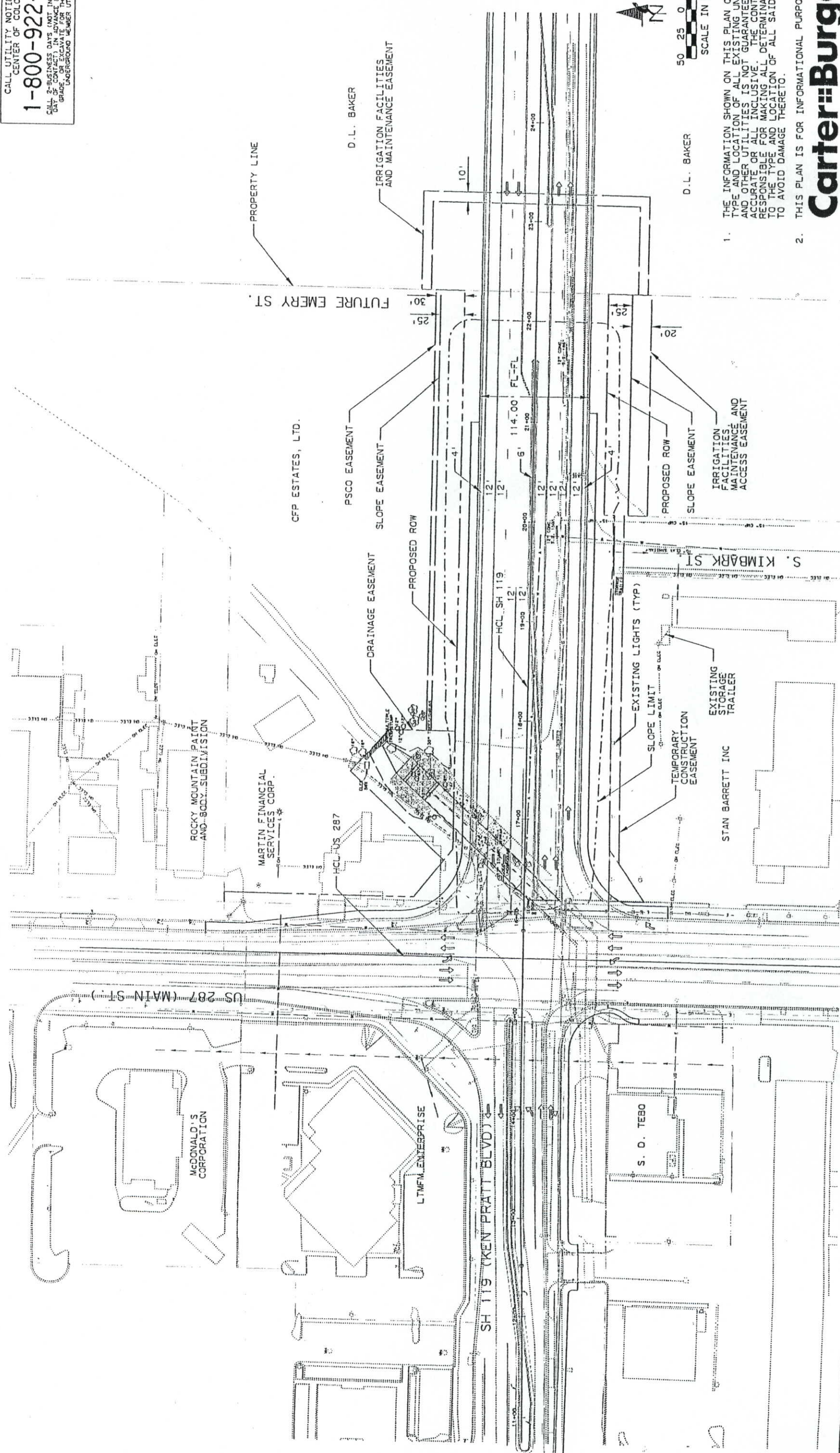
PLAN SHEET

STU 1192-009 UNIT 1
SH 119 - KEN PRATT BOULEVARD

PROJECT CODE: 12370 SHEET NUMBER: 5



CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-800-922-1987
CALL 2-BUSINESS DAYS (NOT INCLUDING INITIAL
DAY OF CONTACT) IN ADVANCE BEFORE YOU DIG.
GRADE OR LOCATE PRIOR TO MARKING OF
UNDERGROUND UTILITIES.



1. THE INFORMATION SHOWN ON THIS PLAN CONCERNING TYPE AND LOCATION OF ALL EXISTING UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL DETERMINATIONS AS TO THE TYPE AND LOCATION OF ALL SAID UTILITIES TO AVOID DAMAGE THERETO.

2. THIS PLAN IS FOR INFORMATIONAL PURPOSES ONLY.

Carter Burgess

Computer File Information		Index of Revisions		Colorado Department of Transportation		As Constructed		SH 119 (KEN PRATT BLVD.) ULTIMATE BUILD-OUT CONDITION ROADWAY PLAN SHEET FOR INFORMATION ONLY		Project No./Code		
Creation Date:	Initials:	CR-1	10-25-00	REVISE PROJECT NO./CODE	JDB	 4201 E. ARKANSAS AVE. DENVER, CO 80222 PHONE: 303-757-9653	No Revisions:			STU 1192-009 UNIT 1		
Last Modification Date:	Initials:	CR-2	10-25-00	ADD IRRIGATION EASEMENT	JDB		Revised:			12370		
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Drawing File Name:	...ph1302.10i										Drawing Number: of	
Units: English		Region Number IV		DAF		Void:		Designer: J. BLAKE		Detailer: D. SPORING		

