

COLORADO DEPARTMENT OF TRANSPORTATION



Region 4
Address: 1420 2nd Street
Greeley, Colorado 80631
Phone: (970) 350-2161 FAX: (970) 350-2178

Right of Way Plans Units: Peter T. Sulmeisters, PLS

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXX	XXX



WELD COUNTY

PUBLIC WORKS DEPARTMENT
1111 H STREET
P.O. BOX 758
GREELEY, CO 80632-0758
PHONE: (970) 356-4000
FAX: (970) 304-6497

Right of Way Plans

Title Sheet				
Project Number:	SHO C030-036			
Project Location:	WCR 17 At WCR 34			
Project Code	Last Modified Date	Subst Sheets	Sheet No.	Total No. of Sheets
17582	4/18/2011	1.01 of 1.01	1.01	1 of 11

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED

PROJECT NO. SHO C030-036

WELD COUNTY ROAD 17 AT WELD COUNTY ROAD 34
COUNTY OF WELD

SHEET NO. INDEX OF SHEETS

1.01	(1) Title Sheet
2.01	(1) Tabulation of Properties
3.01-3.03	(3) Project Control Diagram
4.01-4.03	(3) Land Survey Control Diagram
5.01-5.01	(1) Monumentation Sheets
6.01	(1) Plan Sheets
7.01	(1) Ownership Map/Photo Map
N.A.	(0) Tabulation of Road Approach
	(11) Total Sheets

Scales of Original 11x17 Drawings

Plan Sheets 1"=100'

Ownership Map 1"=100'

All bearings are based on the line connecting the Northeast Corner of Section 17 and the North 1/16 Corner of Section 17, Township 3 North, Range 67 West of the 6th Principal Meridian, being a grid bearing of S01°04'15"E. The survey data was obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation and Weld County Public Works Department purposes only.

2. For title information, Weld County Public Works relied on, Title Commitment No. 458-H0271725-084-MG4 prepared by Heritage Title Company for Commonwealth Land Title Insurance Company.

3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT and or WCPW that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

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.

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

AUTHORIZED:

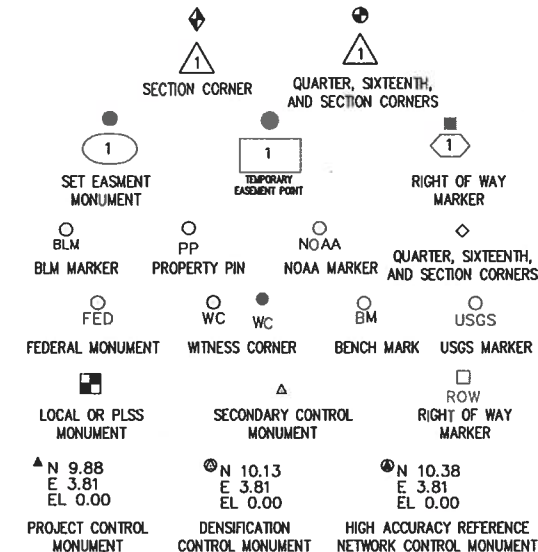
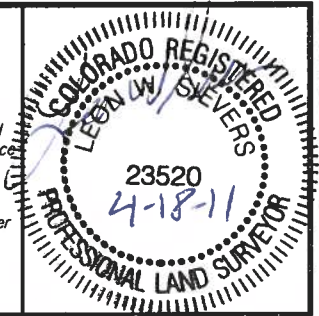
[Signature]
RIGHT OF WAY MANAGER

4/21/11
DATE

SURVEYOR STATEMENT (ROW PLAN)

I, Leon W. Sievers, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan was prepared under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 23520



PERMANENT, PROPERTY, SLOPE, & UTILITY EASEMENT LINE

TEMPORARY EASEMENT LINE (EXISTING)

PROPERTY BOUNDARY LINE (EXISTING AND PROPOSED)

ACCESS CONTROL LINE

BARRIER ACCESS CONTROL LINE

RIGHT OF WAY LINE

VIRGIN RIGHT OF WAY LINE (PROPOSED)

CITY LIMIT LINE (EXISTING)

COUNTY LINE (EXISTING)

QUARTER SECTION LINE

SECTION LINE

SIXTEENTH SECTION LINE

STATE LINE (EXISTING)

TOWNSHIP LINE (EXISTING)

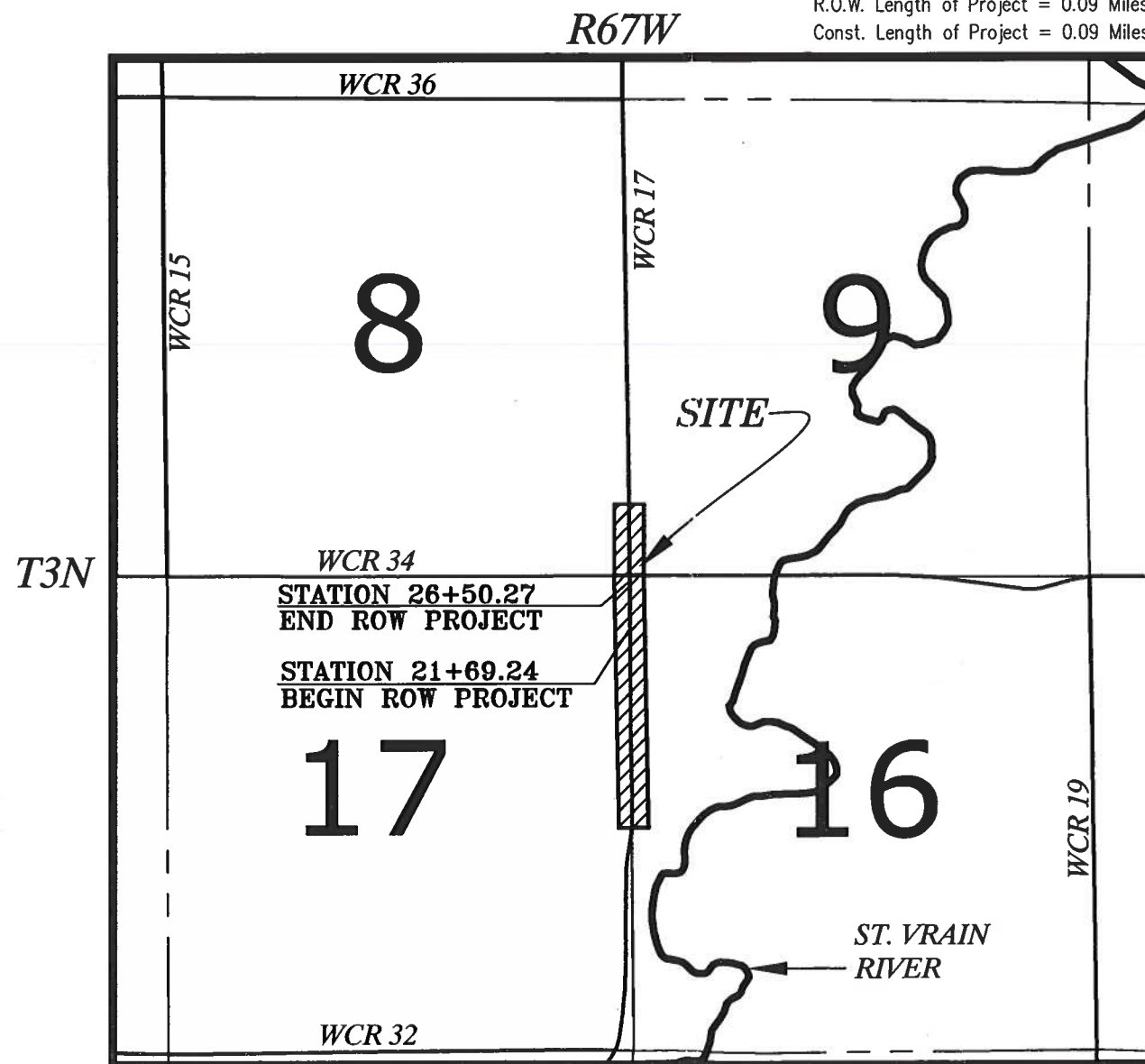
SURVEY/ROW

TOP OF CUT

TOE OF FILL

TERRAIN

Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006. Existing features are shown as screened weight (gray scale), except as noted with the word (existing). Proposed or new features are shown as full weight without screening, except as noted with the word (proposed).



PROJECT LOCATION MAP



SCALE: 1"=2000'

FILING CERTIFICATION:
DEPOSITED THIS 20 DAY OF 2011 AT M.
IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE RECEPTION NUMBER

DEPT.

SIGNED

[illegible]

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Project Control Diagram

Title Sheet				
Project Number: SHO C030-036				
Project Location: WCR 17 At WCR 34				
Project Code:	Last Modified Date	Subset Sheets	Sheet No.	Total No. of Sheets
17582	4/18/2011	3.01 of 3.03	3.01	3 of 11

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

PROJECT CONTROL DIAGRAM

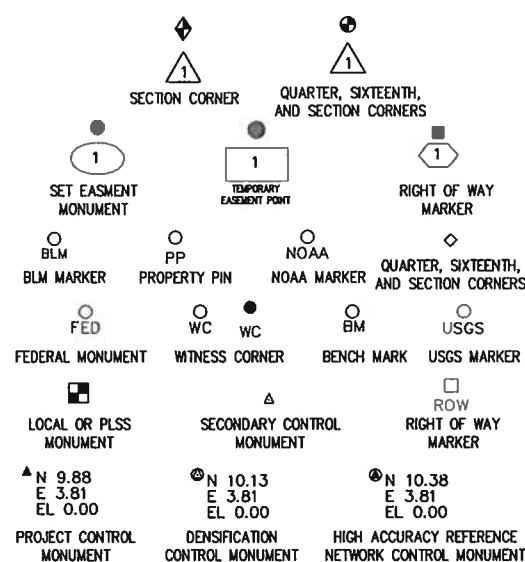
WELD COUNTY ROAD 17 AT WELD COUNTY ROAD 34

SECTIONS 8, 9, 17 & 16

TOWNSHIP 3 NORTH, RANGE 67 WEST

COUNTY OF WELD

SHEET NO.	INDEX OF SHEETS
3.01	(1) Title Sheet
3.02	(1) Monumentation Coordinate Tables
3.03	(1) Plan Sheets
(3) Total Sheets	



Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

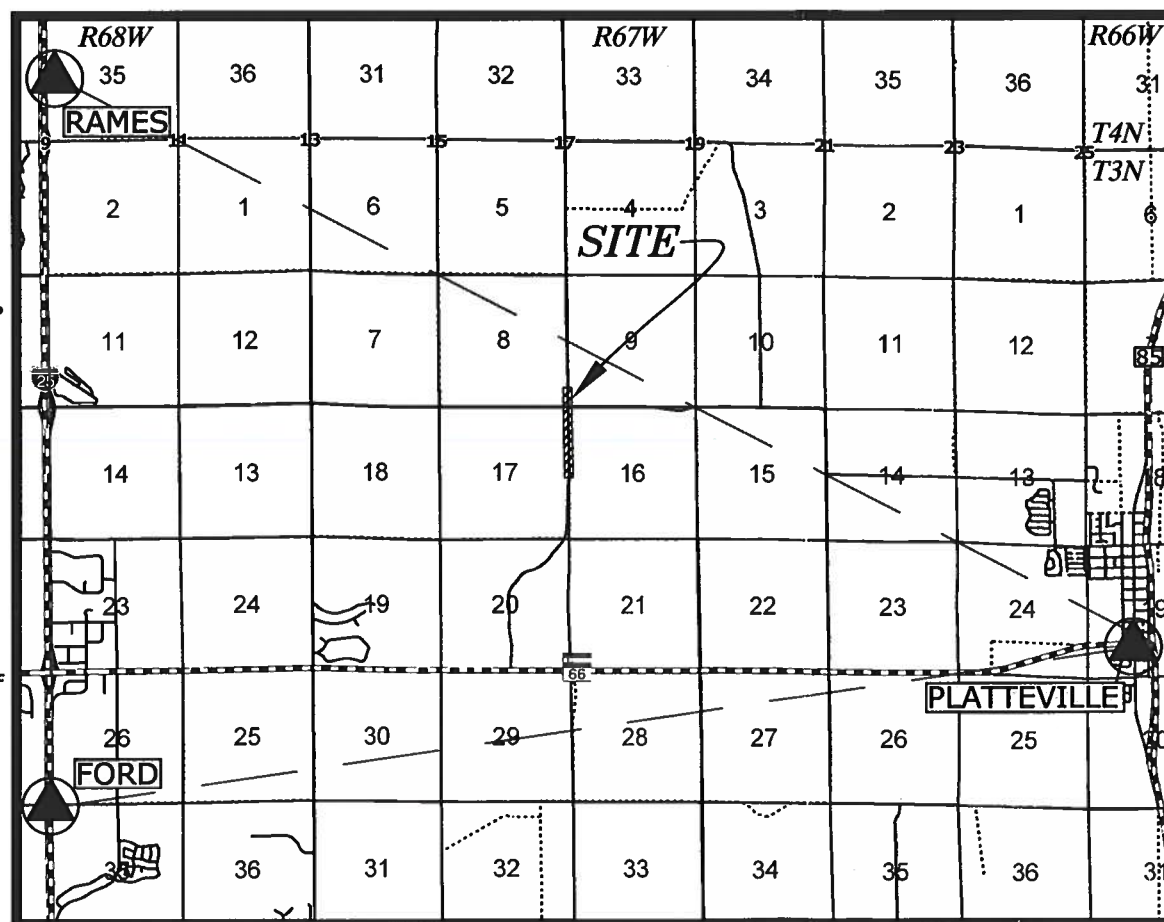


Typical Control Monument Cap
Not To Scale.

Control Point Monuments set by Weld County. 24" of #5 rebar with a 2" aluminum cap stamped as shown

General Notes

1. This Project Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation and Weld County purposes only.
2. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT or Weld County that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
3. Refer to the M-629-1 Survey Monuments of the Standard Plans dated July, 2006 found in the Colorado Department of Transportation, M & S Standards for typical survey monument descriptions.



PROJECT LOCATION MAP

8000 4000 0 8000



SCALE: 1"=8000'

BASIS OF BEARING: Bearings used in the calculation of coordinates are based on a grid bearing of N.62°50'41"E from Densification point "PLATTEVILLE AZ MK 3" (azimuth mark disk set in top of concrete monument post) located in the SW1/4 of Section 19, Township 3 North, Range 66 West, Sixth P.M. and the Densification point "RAMES" (flange encased stainless steel rod) SW1/4 Section 35, Township 4 North, Range 68 West, Sixth P.M., as obtained from a Global Positioning System(GPS) survey based on the Colorado High Accuracy Network (CHARN).

BASIS OF ELEVATION: Project is based on NAVD 88 elevation of 4788.49, NGS designation: B 330, a standrd bench mark disk stamped B 330 1951, in the SW1/4 of Section 21, Township 3 North, Range 67 West, Sixth P.M. All other Control Point elevations on this project are based on GPS observations.

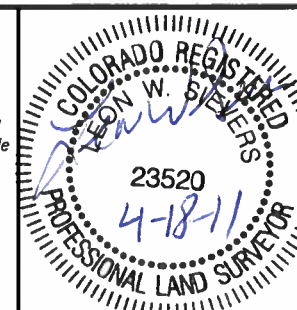
COORDINATE DATUM: Project coordinates are modified Colorado State Plane North Zone NAD 83(07) coordinates. The combined elevation/scale factor used to modify the coordinates is 0.9997224271. Project coordinates are truncated by 1,000,000 in the Northing and 3,000,000 in the Easting. The CHARN is based on NAD 83(07) datum. Project Coordinates Northing US Survey Feet = (State Plane Coordinate Northing x 1.00027765 - 1,000,000). Project Coordinates Easting US Survey Feet = (State Plane Coordinate Easting x 1.00027765 - 3,000,000).

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.

SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM)

I, Leon W. Sievers, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project Control Diagram was prepared and the field survey it represents was performed under my responsible charge and based upon my knowledge, information and belief, is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

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Project Control Diagram

Coordinate Tables

Project Number:	SHO C030-036			
Project Location:	WCR 17 At WCR 34			
Project Code:	Last Modified Date	Subset Sheets	Sheet No.	Total No. of Sheets
17582	4/18/2011	3.02 of 3.03	3.02	4 of 11



CHARN GEODETIC COORDINATE SUMMARY TABLE

POINT NO.	GEODETIC COORDINATES NAD-83/07 (CHARN)		ELIP HEIGHT (NAVD88) (ft)	ORTHO HEIGHT (ft)	MAPPING ANGLE	GRID SCALE FACTOR	NAD-83/07 ZONE 0501		DESCRIPTION
	LATITUDE (N)	LONGITUDE (W)					SP NORTHING (ft)	SP EASTING (ft)	
10	40°11'22.03383"	104°58'45.82206"	4892.89	4950.1	0°20'11.0"	0.99995742	1312287.62	3145443.34	FORD
11	40°16'12.66687"	104°58'46.71642"	5077.67	5134.5	0°20'10.4"	0.99995690	1341695.94	3145201.36	RAMES
12	40°12'23.33091"	104°49'12.90653"	4760.54	4819.97	0°26'21.1"	0.99995714	1318790.99	3189855.45	PLATTEVILLE AZ MK 3



GEODETIC COORDINATE TABLE

POINT NO.	GEODETIC COORDINATES NAD-83/07 (CHARN)		ELIP HEIGHT (NAVD88) (ft)	ORTHO HEIGHT (ft)	MAPPING ANGLE	GRID SCALE FACTOR	NAD-83/07 ZONE 0501		DESCRIPTION
	LATITUDE (N)	LONGITUDE (W)					SP NORTHING (ft)	SP EASTING (ft)	
91	40°13'38.05926"	104°54'17.00185"	4728.915	87.14	0°23'04.66"	0.99995693	1326182.971	3166212.122	
92	40°13'59.97409"	104°54'17.42485"	4750.021	08.22	0°23'04.39"	0.99995689	1328400.266	3166164.429	
93	40°13'59.27542"	104°54'26.48713"	4762.197	20.42	0°22'58.53"	0.99995689	1328324.863	3165462.101	



PROJECT COORDINATE TABLE

POINT NO.	NORTHING (ft)	EASTING (ft)	ELEV (ft) (NAVD88)	DESCRIPTION
92	328769.097	167043.514	4808.22	WELD COUNTY CONTROL POINT- "B"

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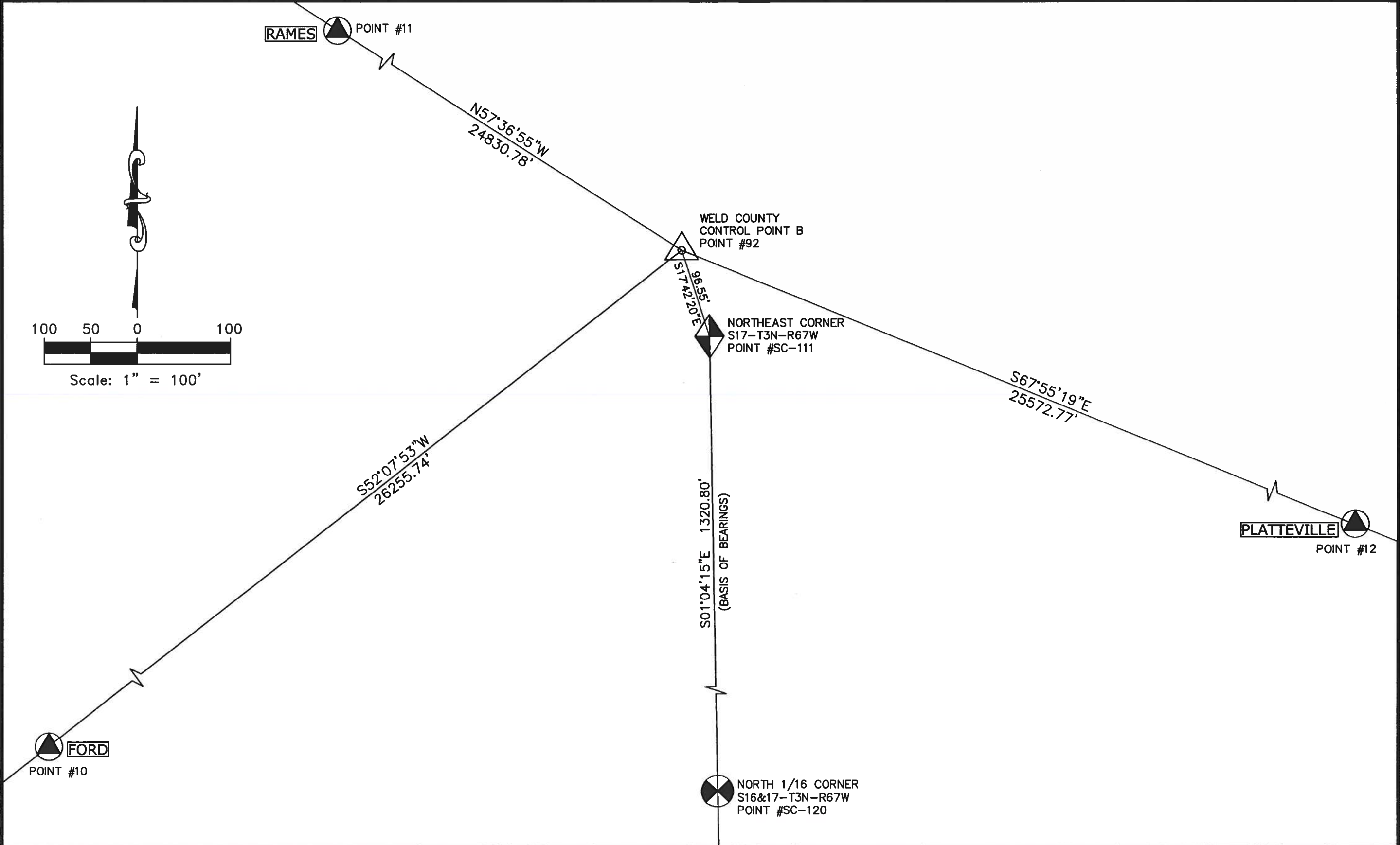
WELD COUNTY



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1111 H STREET
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Project Control Diagram

Plan Sheet

Project Number: SHO C030-036				
Project Location: WCR 17 At WCR 34				
Project Code	Last Modified Date	Subset Sheets	Sheet No.	Total No. of Sheets
17582	4/18/2011	3.03 of 3.03	3.03	5 of 11



COLORADO DEPARTMENT OF TRANSPORTATION		Sheet Revisions			Sheet Revisions					WELD COUNTY		Land Survey Control Diagram				
 Region 4 Address: 1420 2nd Street Greeley, Colorado 80631 Phone: (970) 350-2161 FAX: (970) 350-2178 Right of Way Plans Units: Peter T. Sulmeisters, PLS		Date mm/dd/yy	Description XXXXX	Initials XXX	Date mm/dd/yy	Description XXXXX	Initials XXX	PUBLIC WORKS DEPARTMENT 1111 H STREET P.O. BOX 758 GREELEY, CO 80632-0758 PHONE: (970) 356-4000 FAX: (970) 304-6497		Title Sheet						
										Project Number: SHO C030-036						
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										Project Code:	Last Modified Date	Subset Sheets	Sheet No	Total No. of Sheets		
										17582	4/18/2011	4.01 of 4.03	4.01	6 of 11		

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

LAND SURVEY CONTROL DIAGRAM
WELD COUNTY ROAD 17 AT WELD COUNTY ROAD 34
SECTIONS 8, 9, 17 & 16
TOWNSHIP 3 NORTH, RANGE 67 WEST
COUNTY OF WELD

SHEET NO.	INDEX OF SHEETS
4.01	(1) Title Sheet
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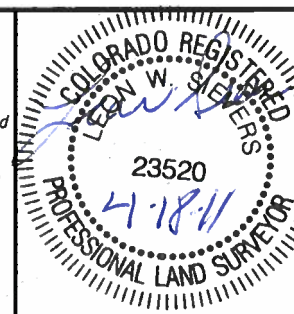
General Notes

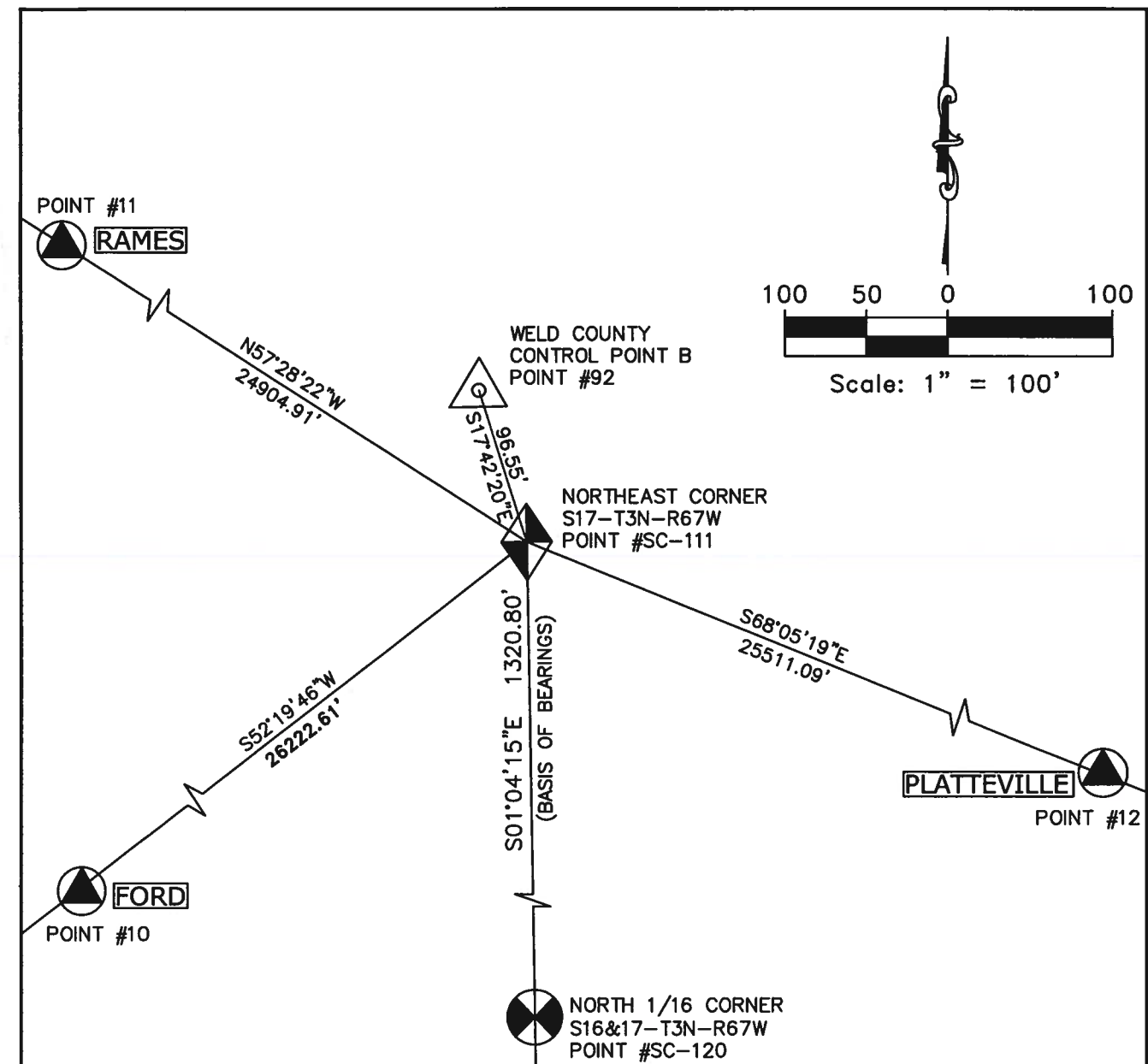
1. This Land Survey Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation and Weld County purposes only. No determination has been made to determine if the found monuments as shown are in their proper position or if they are at the corners they are intended to monument.
2. Title policy, title commitment and title research are not part of this survey, therefore easements, rights, and restrictions of record were not researched and are not shown on this diagram. The verification of the physical evidence with relation to easements, rights of ways, property boundaries, and restrictions, as described in the instruments of record, were not included in this control survey.
3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT or Weld County that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
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SURVEYOR STATEMENT (LAND SURVEY CONTROL DIAGRAM)

I, Leon W. Sievers, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Land Survey Control Diagrams was prepared and the field survey it represents was performed under my responsible charge and based upon my knowledge, information and belief, is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

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WELD COUNTY

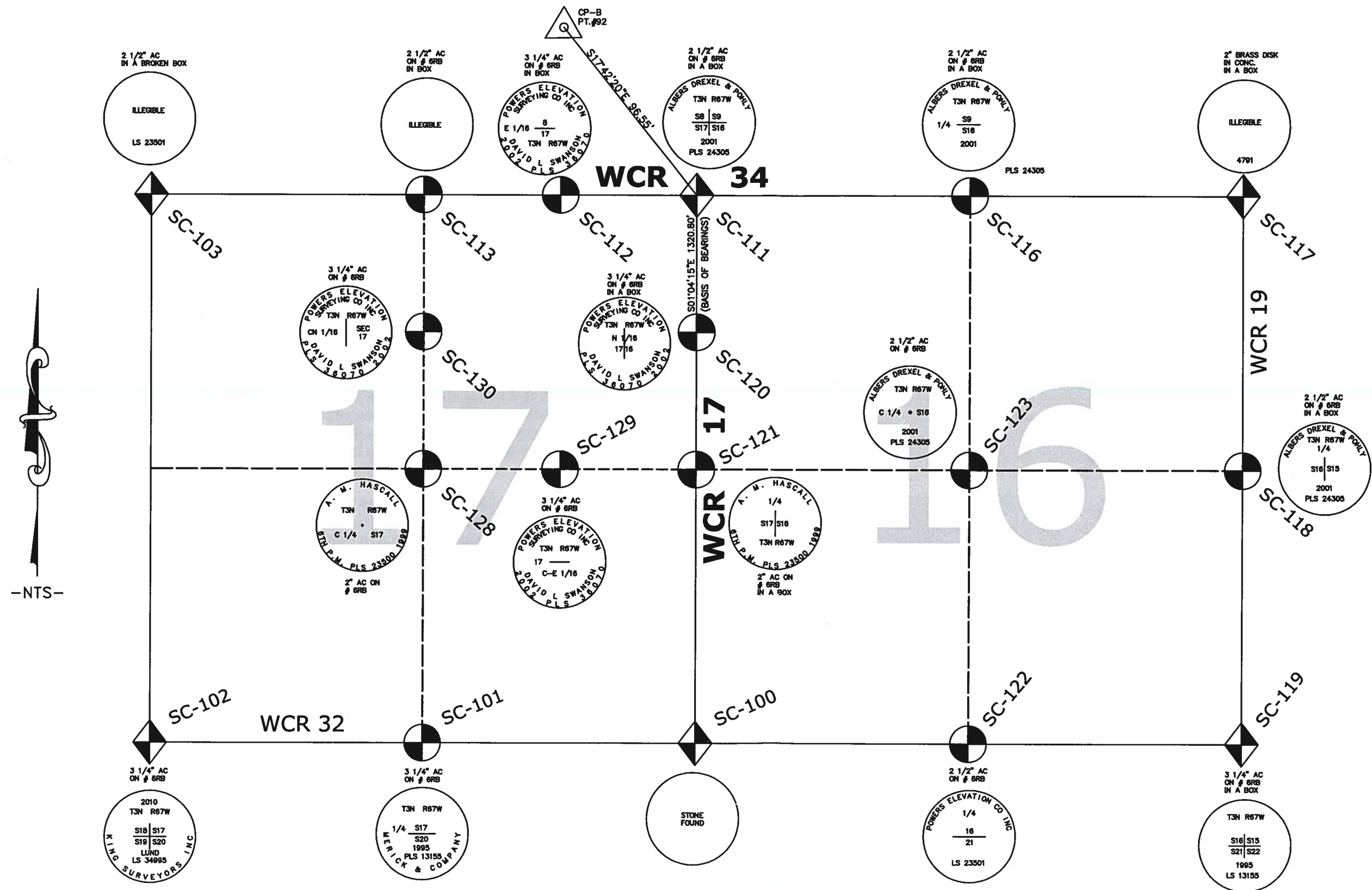
PUBLIC WORKS DEPARTMENT
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Land Survey Control Diagram

Plan Sheet

Project Number: SHO C030-036				
Project Location: WCR 17 At WCR 34				
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SECTIONS 8 & 9 - T3N - R67W



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Right of Way Plans

Ownership/Photo Map

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Total No. of Sheets:	11 of 11

