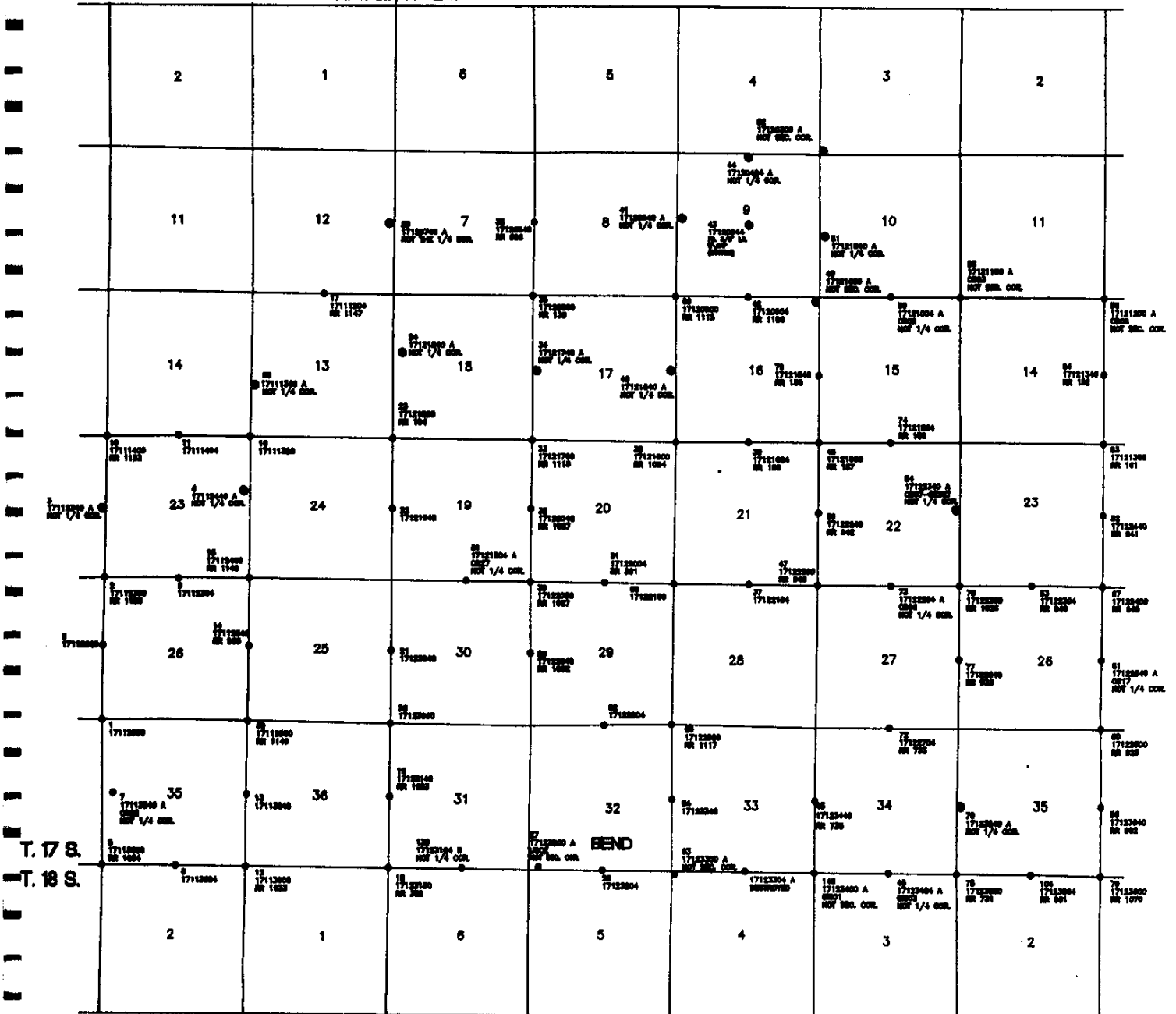


**CONTROL SURVEY  
FOR THE CITY OF BEND  
NORTH AREA**  
LOCATED IN T. 17 S., T. 18 S., R. 11 E., R. 12 E., W.M.  
DESCHUTES COUNTY, OREGON  
BY JEFF KERN & ASSOC., INC.

**DESCHUTES COUNTY SURVEYOR**  
FILED 11/23/94 BY: J. O'Neil

DG-MC # 15

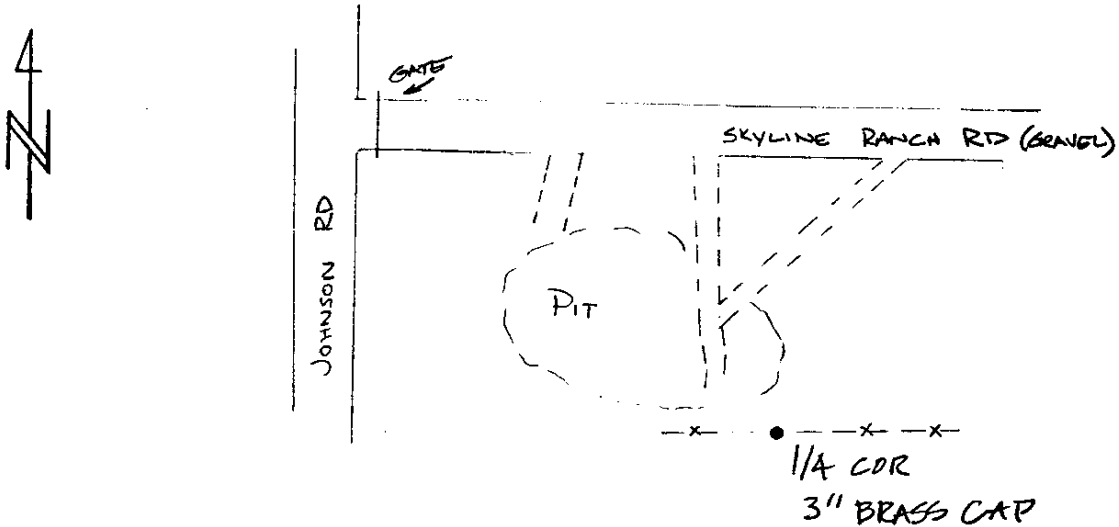
R 11 E, R 12 E



### CONTROL MARK DATA

NAME OF MARK: 17111204 COUNTY: DESCHUTES  
MARK SET BY: DESCHUTES COUNTY SURVEYOR STATE: OREGON  
DATE OF MARK: 1992 COUNTRY: U.S.A.  
LOCATION: SECTION 12 TOWNSHIP 17 S. RANGE 11 E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

#### GEODETIC AND MAPPING COORDINATES

MARK: 17111204

HORIZONTAL ORDER:

Latitude: 44°06'33.58661"

Longitude: 121°21'12.07185"

Northing: 404437.5504

Easting: 3281605.6157

Convergence: -0°02'55.44955"

Scale Factor: 1.00016039

Ellipsoid Height:

Orthometric Height: 3469.26

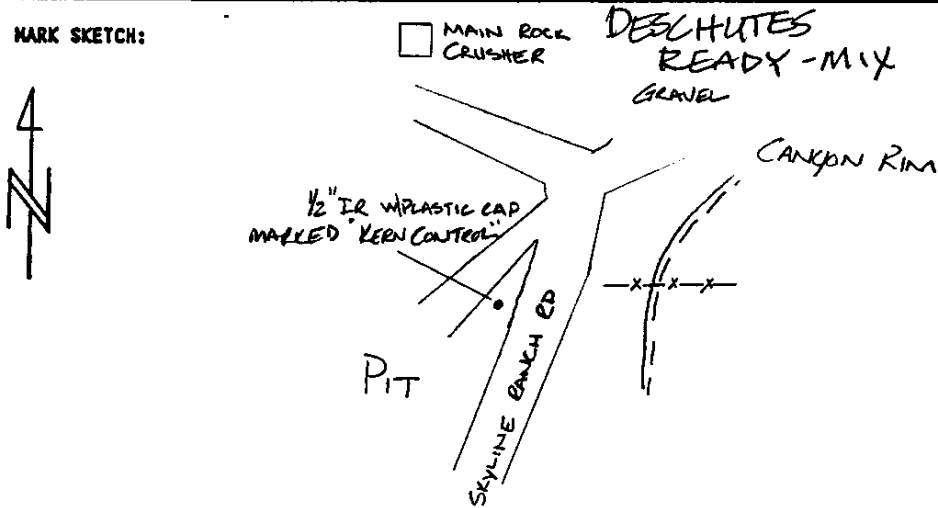
Geoid Height:

ONE  
SIGMA  
ERROR

**CONTROL MARK DATA**

NAME OF MARK: 17121840 A (NOT 1/4 COR) COUNTY: DESCHUTES  
MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
DATE OF MARK: 1994 COUNTRY: U.S.A.  
LOCATION: SECTION 18 TOWNSHIP 17 S. RANGE 12 E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

**GEODETTIC AND MAPPING COORDINATES**

MARK: 17121840 A

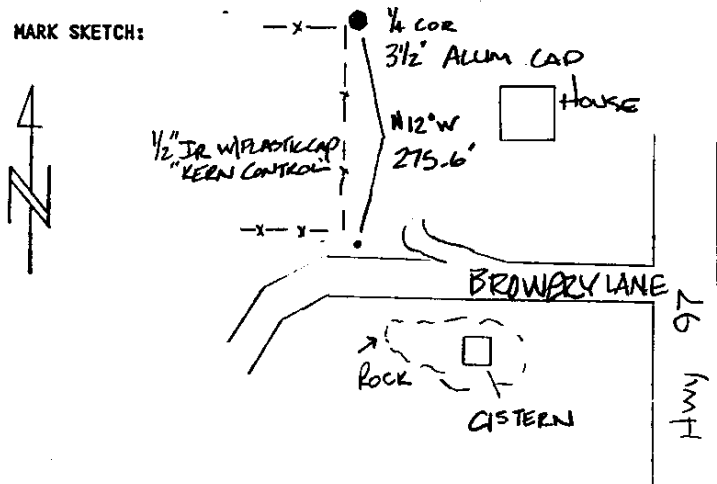
HORIZONTAL ORDER:

Latitude: 44°06'16.26087" ONE  
Longitude: 121°20'29.22397" SIGMA  
Northing: 402680.3731 ERROR  
Easting: 3284731.1056  
Convergence: -0°02'25.61351"  
Scale Factor: 1.00016027  
Ellipsoid Height:  
Orthometric Height: 3487.83  
Geoid Height:

### CONTROL MARK DATA

NAME OF MARK: 17120404 A (NOT 1/4 COR) COUNTY: DESCHUTES  
MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
DATE OF MARK: 1994 COUNTRY: U.S.A.  
LOCATION: SECTION 04 TOWNSHIP 17 S. RANGE 12 E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

#### GEODETTIC AND MAPPING COORDINATES

MARK: 17120404 A

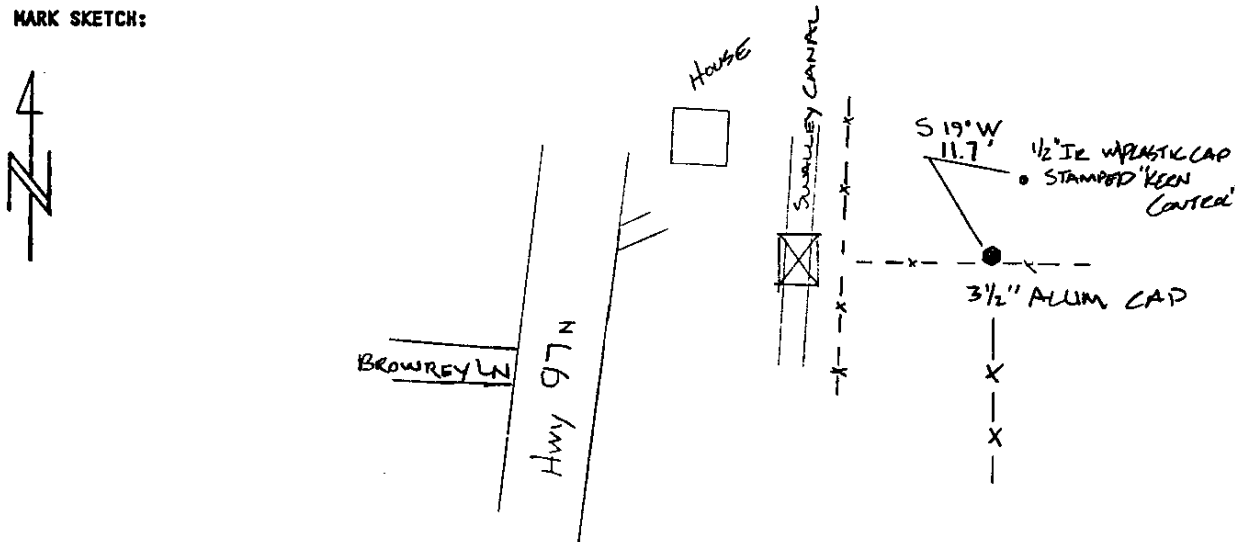
HORIZONTAL ORDER:

Latitude: 44°07'22.66118"	ONE
Longitude: 121°17'36.78160"	SIGMA
Northing: 409400.1563	ERROR
Easting: 3297316.5615	
Convergence: -0°00'25.60737"	
Scale Factor: 1.00016001	
Ellipsoid Height:	
Orthometric Height: 3409.82	
Geoid Height:	

**CONTROL MARK DATA**

NAME OF MARK: 17120300 A (NOT SEC COR) COUNTY: DESCHUTES  
 MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
 DATE OF MARK: 1994 COUNTRY: U.S.A.  
 LOCATION: SECTION 03 TOWNSHIP 17 S. RANGE 12 E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
 FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
 VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
 COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
 ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
 LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

GEODETTIC AND MAPPING COORDINATES

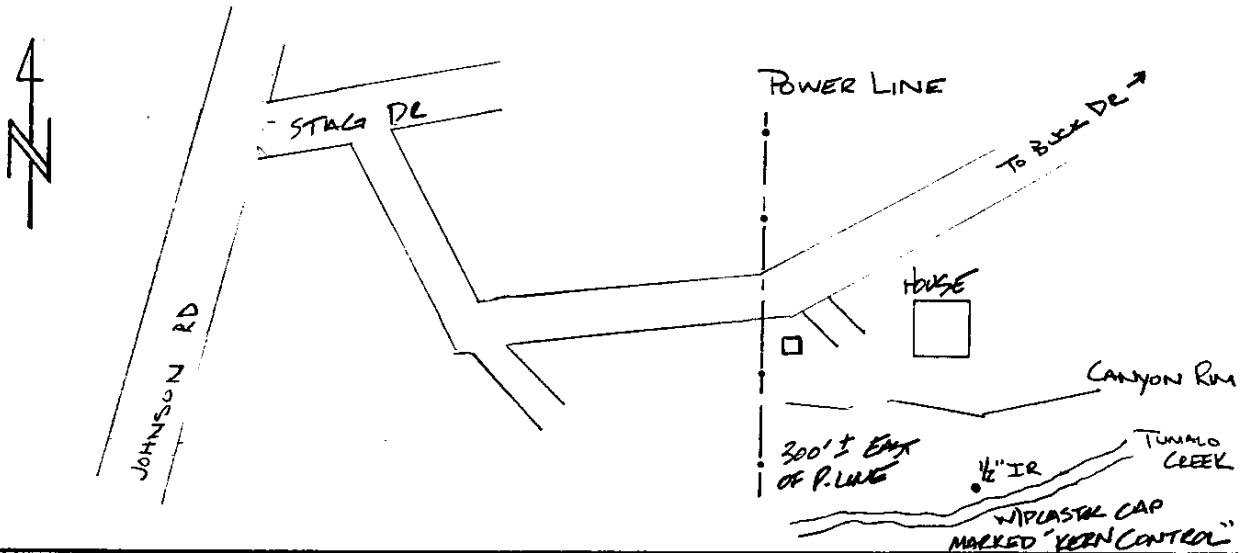
MARK: 17120300 A HORIZONTAL ORDER:

Latitude: 44°07'25.43561"	ONE
Longitude: 121°17'01.41082"	SIGMA
Northing: 409680.9843	ERROR
Easting: 3299897.0733	
Convergence: -0°00'00.98223"	
Scale Factor: 1.00016000	
Ellipsoid Height:	
Orthometric Height: 3375.61	
Geoid Height:	

### CONTROL MARK DATA

NAME OF MARK: 17112440 A (NOT 1/4 COR) COUNTY: DESCHUTES  
MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
DATE OF MARK: 1994 COUNTRY: U.S.A.  
LOCATION: SECTION 24 TOWNSHIP 17 S. RANGE 11 E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

GEODETIC AND MAPPING COORDINATES

MARK: 17112440 A

HORIZONTAL ORDER:

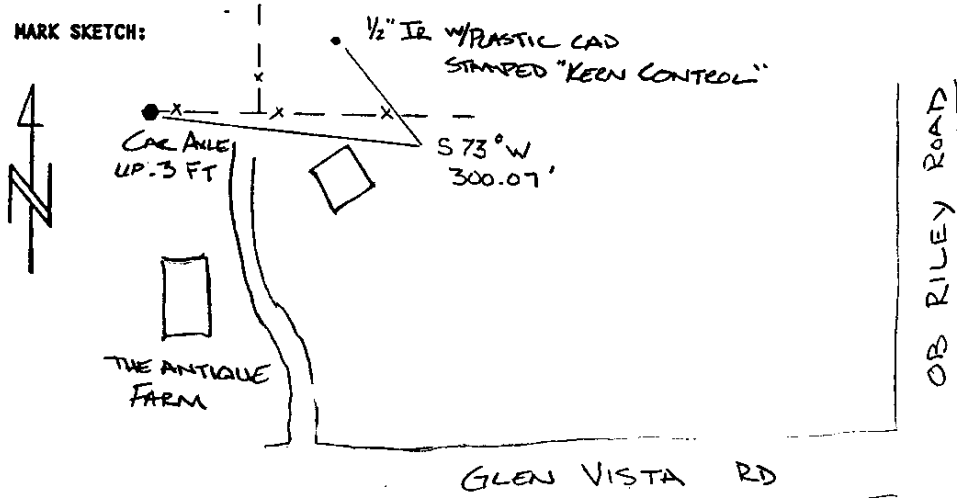
Latitude: 44°05'20.25345"  
Longitude: 121°21'52.66716"  
Northing: 397013.1279  
Easting: 3278635.9294  
Convergence: -0°03'23.63039"  
Scale Factor: 1.00016052  
Ellipsoid Height:  
Orthometric Height: 3537.86  
Geoid Height:

ONE  
SIGMA  
ERROR

### CONTROL MARK DATA

NAME OF MARK: 17121740 A (NOT 1/4 COR) COUNTY: DESCHUTES  
MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
DATE OF MARK: 1994 COUNTRY: U.S.A.  
LOCATION: SECTION 17 TOWNSHIP 17 S. RANGE 12 E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

#### GEODETIC AND MAPPING COORDINATES

MARK: 17121740 A

HORIZONTAL ORDER:

Latitude: 44°06'07.92635"

Longitude: 121°19'21.98031"

Northing: 401833.3483

Easting: 3289638.0569

Convergence: -0°01'38.80984"

Scale Factor: 1.00016012

Ellipsoid Height:

Orthometric Height: 3533.32

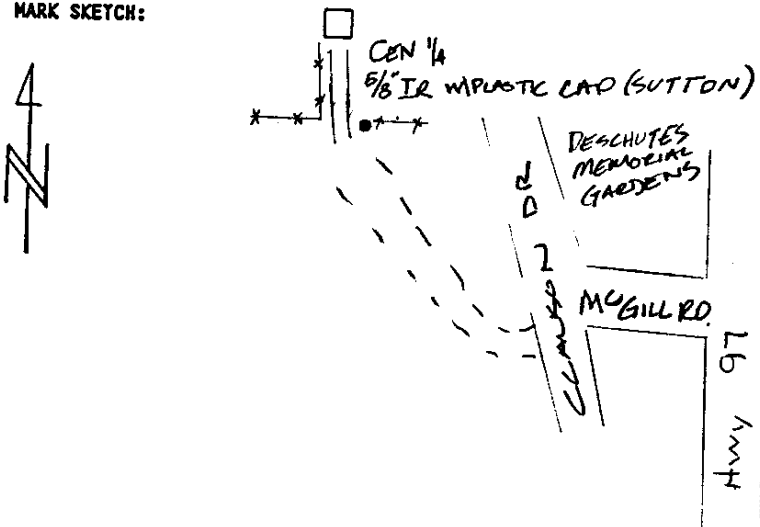
Geoid Height:

ONE  
SIGMA  
ERROR

## CONTROL MARK DATA

NAME OF MARK: 17120944 (C 1/4) COUNTY: DESCHUTES  
 MARK SET BY: B.A. SUTTON STATE: OREGON  
 DATE OF MARK: 1981 COUNTRY: U.S.A.  
 LOCATION: SECTION 09 TOWNSHIP 17 S. RANGE 12 E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL=	NAD (83-91)	CENTRAL MERIDIAN:	W 121°17'00.000000"
VERTICAL=	NGVD 29	LATITUDE OF ORIGIN:	N 43°00'00.000000"
COORDINATE SYSTEM:	TRANSVERSE MERCATOR	ORIGIN NORTHING:	0.0000 F
ZONE:	DESCHUTES COUNTY	ORIGIN EASTING:	3,300,000.0000 F
LINEAR UNITS:	INTERNATIONAL FOOT	SCALE ALONG MERIDIAN:	1.000160000000

### GEODETTIC AND MAPPING COORDINATES

MARK: 17120944

HORIZONTAL ORDER:

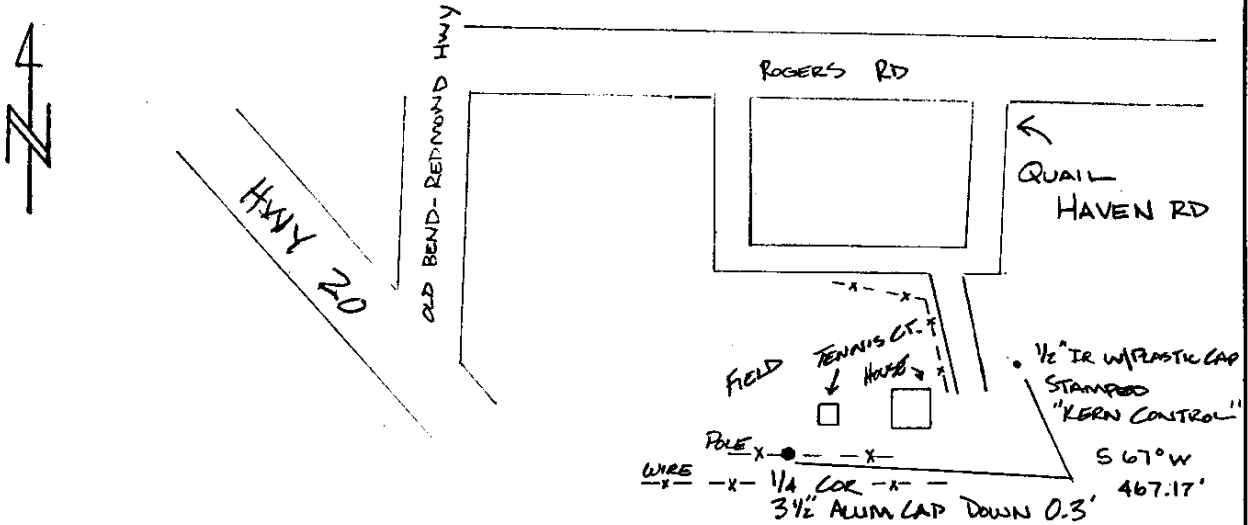
Latitude:	44°06'59.20504"	ONE
Longitude:	121°17'37.37891"	SIGMA
Northing:	407024.5275	ERROR
Easting:	3297272.6845	
Convergence:	-0°00'26.02016"	
Scale Factor:	1.00016001	
Ellipsoid Height:		
Orthometric Height:	3436.90	
Geoid Height:		



## CONTROL MARK DATA

NAME OF MARK: 17120940 A (NOT 1/4 COR) COUNTY: DESCHUTES  
 MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
 DATE OF MARK: 1994 COUNTRY: U.S.A.  
 LOCATION: SECTION 09 TOWNSHIP 17 S. RANGE 12E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

**MARK SKETCH:**



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL=	NAD (83-91)	CENTRAL MERIDIAN:	W 121°17'00.000000"
VERTICAL=	NGVD 29	LATITUDE OF ORIGIN:	N 43°00'00.000000"
COORDINATE SYSTEM:	TRANSVERSE MERCATOR	ORIGIN NORTHING:	0.0000 F
ZONE:	DESCHUTES COUNTY	ORIGIN EASTING:	3,300,000.0000 F
LINEAR UNITS:	INTERNATIONAL FOOT	SCALE ALONG MERIDIAN:	1.000160000000

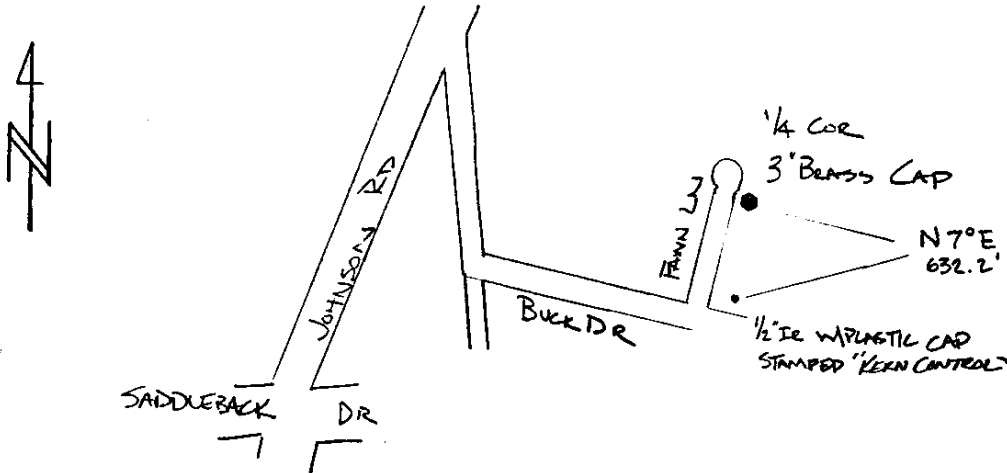
### GEODETTIC AND MAPPING COORDINATES

<u>MARK:</u> <u>17120940 A</u>	HORIZONTAL ORDER:	
Latitude:	44°07'00.98720"	ONE SIGMA ERROR
Longitude:	121°18'07.50857"	
Northing:	407205.4128	
Easting:	3295074.3442	
Convergence:	-0°00'46.99441"	
Scale Factor:	1.00016003	
Ellipsoid Height:		
Orthometric Height:	3459.40	
Geoid Height:		

### CONTROL MARK DATA

NAME OF MARK: 17111340 A (NOT 1/4 COR) COUNTY: DESCHUTES  
MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
DATE OF MARK: 1994 COUNTRY: U.S.A.  
LOCATION: SECTION 13 TOWNSHIP 17 S. RANGE 11 E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

#### MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

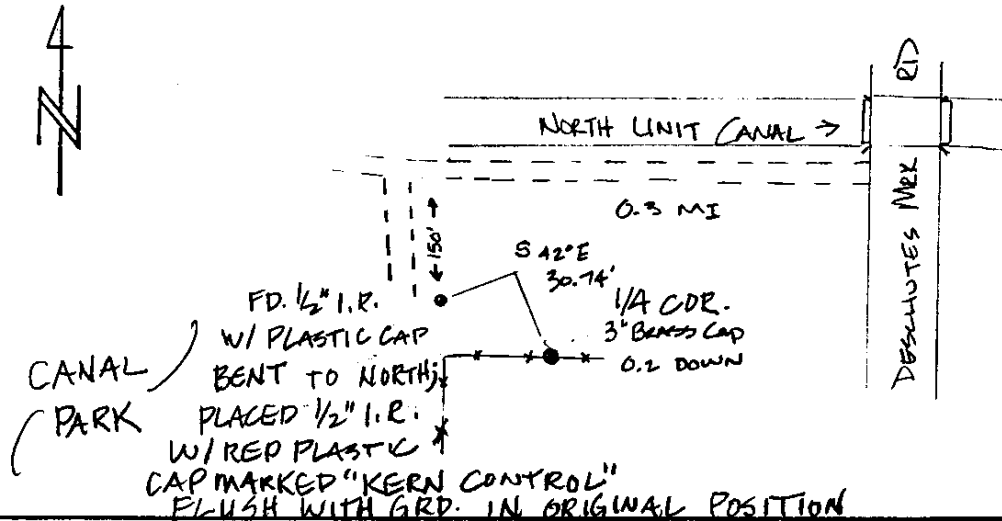
#### GEODETIC AND MAPPING COORDINATES

MARK: 17111340 A HORIZONTAL ORDER:  
Latitude: 44°06'01.44837" ONE  
Longitude: 121°21'49.42443" SIGMA  
Northing: 401185.0930 ERROR  
Easting: 3278876.7153  
Convergence: -0°03'21.41569"  
Scale Factor: 1.00016051  
Ellipsoid Height:  
Orthometric Height: 3572.81  
Geoid Height:

**CONTROL MARK DATA**

17122340 A (NOT 1/4 COR)  
 NAME OF MARK: CB07-RESET COUNTY: DESCHUTES  
 MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
 DATE OF MARK: 1994 COUNTRY: U.S.A.  
 LOCATION: SECTION 23 TOWNSHIP 17 S. RANGE 12 E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
 FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
 VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
 COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
 ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
 LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

**GEODETIC AND MAPPING COORDINATES**

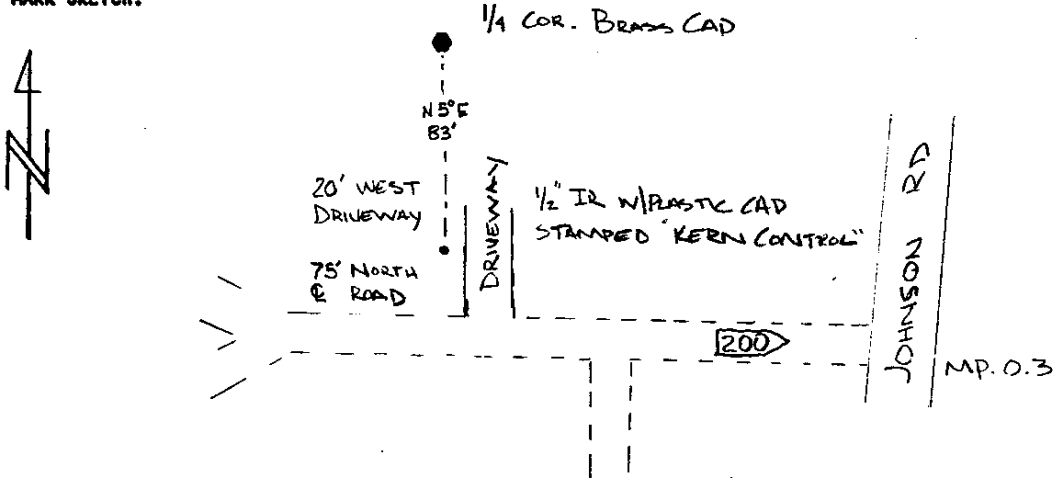
MARK: 17122340 A HORIZONTAL ORDER:  
CB07-RESET

Latitude: 44°05'15.14778" ONE SIGMA ERROR  
 Longitude: 121°15'49.84299"  
 Northing: 396486.0899  
 Easting: 3305121.4323  
 Convergence: +0°00'48.81220"  
 Scale Factor: 1.00016003  
 Ellipsoid Height:  
 Orthometric Height: 3478.72  
 Geoid Height:

### CONTROL MARK DATA

NAME OF MARK: 17112340 A (NOT 1/4 COR) COUNTY: DESCHUTES  
MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
DATE OF MARK: 1994 COUNTRY: U.S.A.  
LOCATION: SECTION 23 TOWNSHIP 17S. RANGE 11 E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

#### GEODETIC AND MAPPING COORDINATES

MARK: 17112340 A

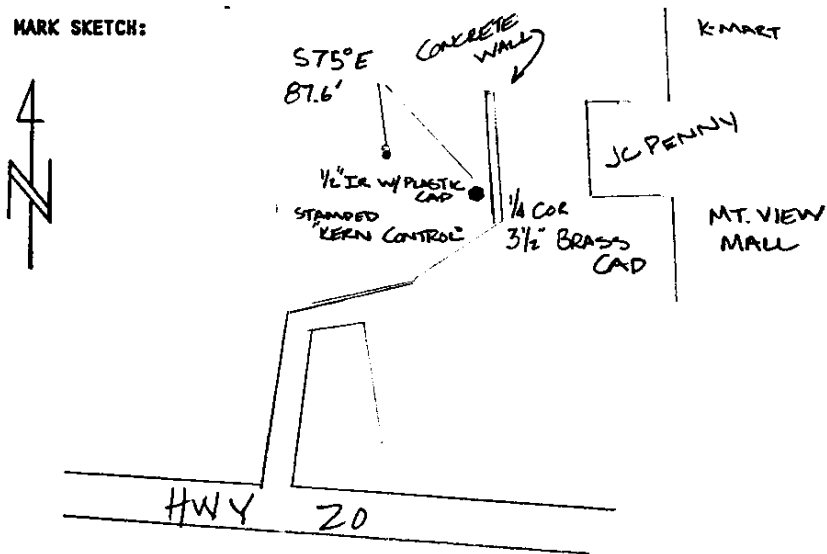
HORIZONTAL ORDER:

Latitude: 44°05'14.86982" ONE SIGMA ERROR  
Longitude: 121°23'01.27010"  
Northing: 396473.4012  
Easting: 3273627.3981  
Convergence: -0°04'11.35585  
Scale Factor: 1.00016079  
Ellipsoid Height:  
Orthometric Height: 3691.09  
Geoid Height:

### CONTROL MARK DATA

NAME OF MARK: 17121640 A (NOT 1/4 COR) COUNTY: DESCHUTES  
 MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
 DATE OF MARK: 1994 COUNTRY: U.S.A.  
 LOCATION: SECTION 16 TOWNSHIP 17S. RANGE 12E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

**MARK SKETCH:**



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
 FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL=	NAD (83-91)	CENTRAL MERIDIAN:	W 121°17'00.000000"
VERTICAL=	NGVD 29	LATITUDE OF ORIGIN:	N 43°00'00.000000"
COORDINATE SYSTEM:	TRANSVERSE MERCATOR	ORIGIN NORTHING:	0.0000 F
ZONE:	DESCHUTES COUNTY	ORIGIN EASTING:	3,300,000.0000 F
LINEAR UNITS:	INTERNATIONAL FOOT	SCALE ALONG MERIDIAN:	1.000160000000

**GEODETIC AND MAPPING COORDINATES**

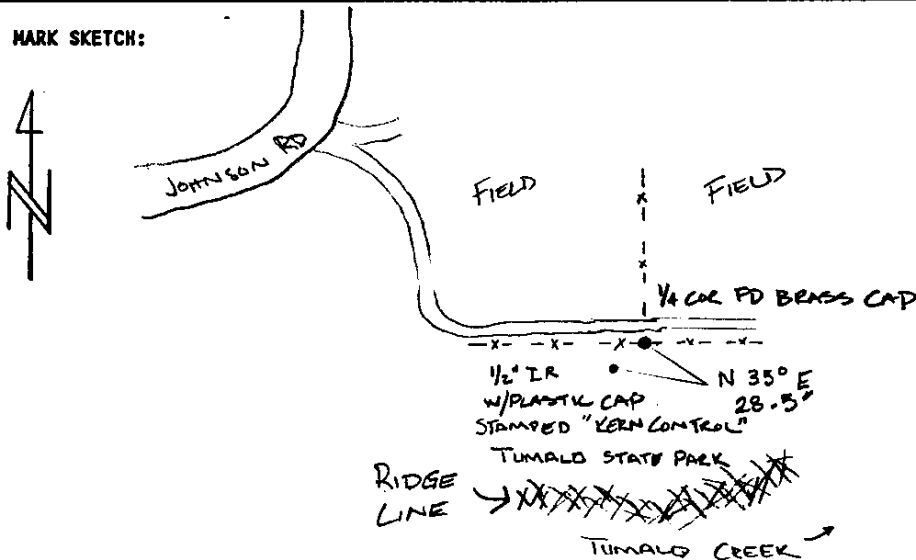
MARK: 17121640 A HORIZONTAL ORDER:

Latitude:	44°06'07.26526"	ONE
Longitude:	121°18'14.56282"	SIGMA
Northing:	401764.5958	ERROR
Easting:	3294558.2732	
Convergence:	-0°00'51.89110"	
Scale Factor:	1.00016003	
Ellipsoid Height:		
Orthometric Height:	3499.03	
Geoid Height:		

**CONTROL MARK DATA**

NAME OF MARK: 17120740 A (NOT 1/4 COR) COUNTY: DESCHUTES  
MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
DATE OF MARK: 1994 COUNTRY: U.S.A.  
LOCATION: SECTION 07 TOWNSHIP 17S. RANGE 12E. MERIDIAN: WILLAMETTE  
REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

**GEODETIC AND MAPPING COORDINATES**

MARK: 17120740 A

HORIZONTAL ORDER:

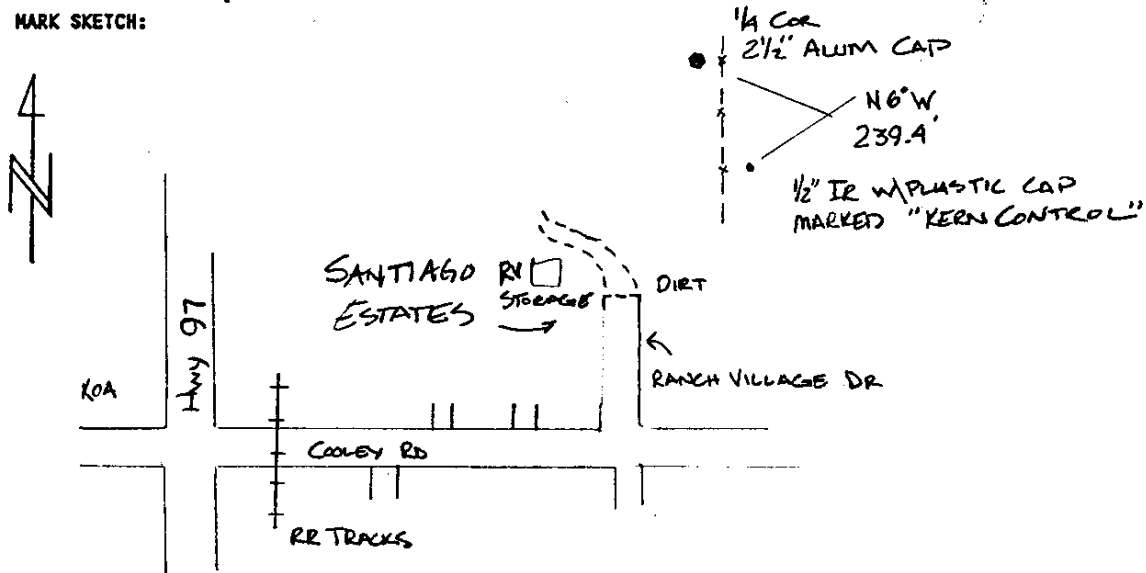
Latitude: 44°06'59.10840"  
Longitude: 121°20'36.29502"  
Northing: 407020.3279  
Easting: 3284218.2373  
Convergence: -0°02'30.56701"  
Scale Factor: 1.00016028  
Ellipsoid Height:  
Orthometric Height: 3490.49  
Geoid Height:

ONE  
SIGMA  
ERROR

## CONTROL MARK DATA

NAME OF MARK: 17121040 A (NOT 1/4 COR) COUNTY: DESCHUTES  
 MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
 DATE OF MARK: 1994 COUNTRY: U.S.A.  
 LOCATION: SECTION 10 TOWNSHIP 17S. RANGE 12 E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

**MARK SKETCH:**



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994  
 FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL= NAD (83-91) CENTRAL MERIDIAN: W 121°17'00.000000"  
 VERTICAL= NGVD 29 LATITUDE OF ORIGIN: N 43°00'00.000000"  
 COORDINATE SYSTEM: TRANSVERSE MERCATOR ORIGIN NORTHING: 0.0000 F  
 ZONE: DESCHUTES COUNTY ORIGIN EASTING: 3,300,000.0000 F  
 LINEAR UNITS: INTERNATIONAL FOOT SCALE ALONG MERIDIAN: 1.000160000000

**GEODETIC AND MAPPING COORDINATES**

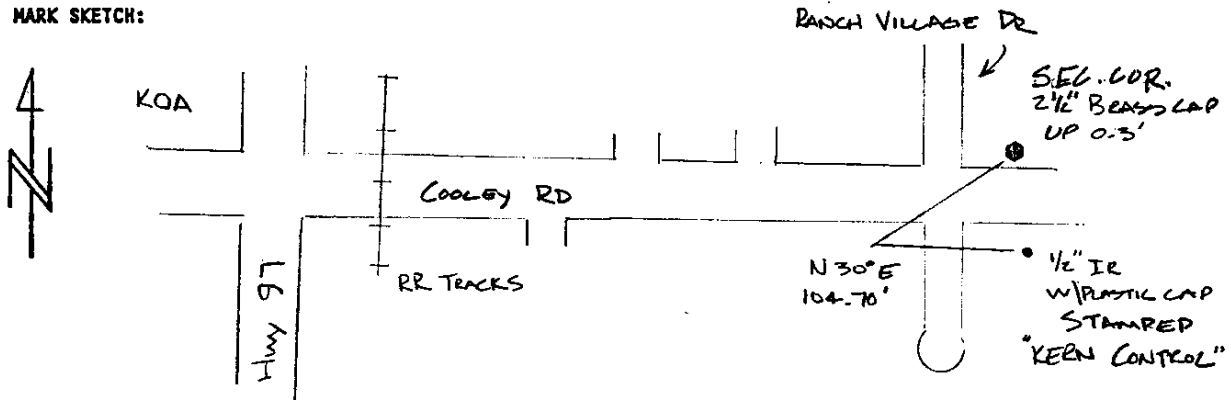
MARK: 17121040 A HORIZONTAL ORDER:

Latitude: 44°06'56.86685"	ONE
Longitude: 121°17'01.12967"	SIGMA
Northing: 406787.5436	ERROR
Easting: 3299917.5741	
Convergence: -0°00'00.78637"	
Scale Factor: 1.00016000	
Ellipsoid Height:	
Orthometric Height: 3432.00	
Geoid Height:	

## CONTROL MARK DATA

NAME OF MARK: 17121000 A (NOT SEC COR) COUNTY: DESCHUTES  
 MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
 DATE OF MARK: 1994 COUNTRY: U.S.A.  
 LOCATION: SECTION 10 TOWNSHIP 17S. RANGE 12E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL=	NAD (83-91)	CENTRAL MERIDIAN:	W 121°17'00.000000"
VERTICAL=	NGVD 29	LATITUDE OF ORIGIN:	N 43°00'00.000000"
COORDINATE SYSTEM:	TRANSVERSE MERCATOR	ORIGIN NORTHING:	0.0000 F
ZONE:	DESCHUTES COUNTY	ORIGIN EASTING:	3,300,000.0000 F
LINEAR UNITS:	INTERNATIONAL FOOT	SCALE ALONG MERIDIAN:	1.000160000000

GEODETTIC AND MAPPING COORDINATES

MARK: 17121000 A

HORIZONTAL ORDER:

Latitude: 44°06'32.21781"  
 Longitude: 121°17'02.21801"  
 Northing: 404291.0962  
 Easting: 3299838.1447  
 Convergence: -0°00'01.54379"  
 Scale Factor: 1.00016000  
 Ellipsoid Height:  
 Orthometric Height: 3460.59  
 Geoid Height:

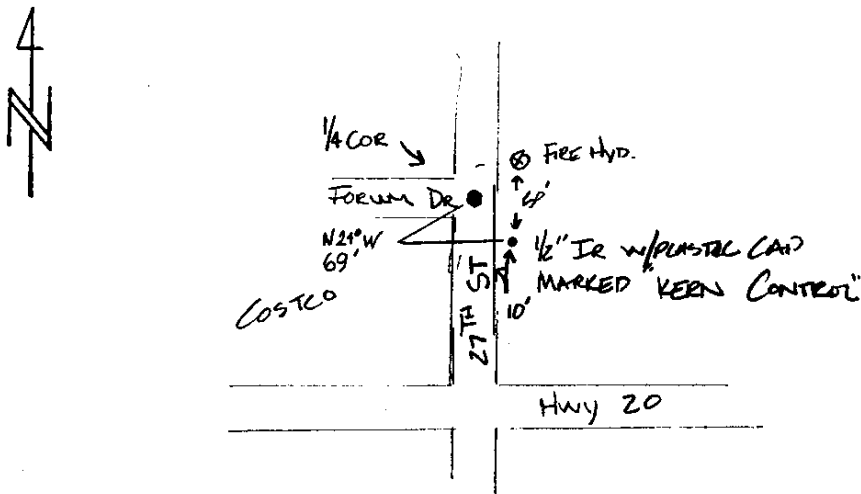
ONE  
SIGMA  
ERROR



### CONTROL MARK DATA

NAME OF MARK: 17123540 A (NOT 1/4 COR) COUNTY: DESCHUTES  
 MARK SET BY: JEFF KERN & ASSOC. STATE: OREGON  
 DATE OF MARK: 1994 COUNTRY: U.S.A.  
 LOCATION: SECTION 35 TOWNSHIP 17S. RANGE 12E. MERIDIAN: WILLAMETTE  
 REFERENCE NUMBER: \_\_\_\_\_

MARK SKETCH:



DATA COMPUTED BY: JEFF KERN & ASSOC., INC. DATE: 1994

FIELD METHOD: TRAV FIELD EQUIPMENT: WILD TC 1000u ADJUSTED WITH: COMPASS RULE

DATUM: HORIZONTAL=	NAD (83-91)	CENTRAL MERIDIAN:	W 121°17'00.000000"
VERTICAL=	NGVD 29	LATITUDE OF ORIGIN:	N 43°00'00.000000"
COORDINATE SYSTEM:	TRANSVERSE MERCATOR	ORIGIN NORTHING:	0.0000 F
ZONE:	DESCHUTES COUNTY	ORIGIN EASTING:	3,300,000.0000 F
LINEAR UNITS:	INTERNATIONAL FOOT	SCALE ALONG MERIDIAN:	1.000160000000

GEODETIC AND MAPPING COORDINATES

MARK: 17123540 A HORIZONTAL ORDER:

Latitude:	44°03'30.13062"	ONE
Longitude:	121°15'49.12925"	SIGMA
Northing:	385850.0676	ERROR
Easting:	3305176.0769	
Convergence:	+0°00'49.28287	
Scale Factor:	1.00016003	
Ellipsoid Height:		
Orthometric Height:	3609.95	
Geoid Height:		