

CITY OF BISHOP CONTROL NETWORK R.O.S NO. 10-003

BASIS OF COORDINATES(1991.35):

COORDINATES SHOWN ON THIS SURVEY ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983(NAD83), EPOCH 1991.35, EXPRESSED IN TERMS OF THE CALIFORNIA COORDINATE SYSTEM OF 1983(CCS83), ZONE 4, AND BASED ON POINT NO. 907(RAWSON U.S.C.&G.S. BRASS CAP) PER CALTRANS DISTRICT 9 CONTROL NOTES TITLED "27310_CONTROL.XLS, GOLF CLUB REHAB, INY 395 ON 112, 9/11.50, EA: 09-27310," DATED AUGUST 17, 2005, WITH THE DESIGNATION OF "RAWSON" AND HAS PUBLISHED COORDINATES OF:

NORTHING: 719,708.604 m (NORTHING: 2,361,243.978 .sft)
EASTING: 2,054,558.581 m (EASTING: 6,740,664.278 .sft)

BASIS OF BEARINGS(1991.35):

BEARINGS SHOWN ON THIS SURVEY ARE REFERENCED TO GRID NORTH AS DEFINED BY THE CALIFORNIA COORDINATE SYSTEM 1983(CCS83), ZONE 4, BASED ON THE CALCULATED LINE FROM POINT NO. 907(RAWSON U.S.C.&G.S. BRASS CAP) PER CALTRANS DISTRICT 9 CONTROL NOTES TITLED "27310_CONTROL.XLS, GOLF CLUB REHAB, INY 395 ON 112, 9/11.50, EA: 09-27310," DATED AUGUST 17, 2005, WITH THE DESIGNATION OF "RAWSON", TO NGS STATION PID# HR2321("ISLAND").

i.e. NORTH AZIMUTH 305° 18' 41"

BASIS OF COORDINATES(2007):

COORDINATES SHOWN ON THIS SURVEY ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983(NAD83), EPOCH 2007.0, EXPRESSED IN TERMS OF THE CALIFORNIA COORDINATE SYSTEM OF 1983(CCS83), ZONE 4, AND BASED ON NGS STATION PID#HR2619, WITH THE DESIGNATION OF "RAWSON" AND HAS PUBLISHED COORDINATES OF:

NORTHING: 2,361,244.241 .sft
EASTING: 6,740,663.922 .sft

BASIS OF BEARINGS(2007):

BEARINGS SHOWN ON THIS SURVEY ARE REFERENCED TO GRID NORTH AS DEFINED BY THE CALIFORNIA COORDINATE SYSTEM 1983(CCS83), ZONE 4, BASED ON THE CALCULATED LINE FROM NGS STATION PID#HR2619("RAWSON") TO NGS STATION PID# AE6562("BISHOPPORT 1987").

i.e. NORTH AZIMUTH 14° 20' 01"

PROCEDURE OF SURVEY

ALL GEODETIC VALUES FOR CONTROL MONUMENTS WERE ESTABLISHED USING STATIC GPS RELATIVE POSITIONING METHODS. CONTROL MONUMENTS WERE OCCUPIED WITH TRIMBLE DUAL FREQUENCY RECEIVERS. CONTROL MONUMENT LOCATIONS FOR THIS SURVEY WERE SELECTED IN UNOBSTRUCTED LOCATIONS FOR FUTURE USE AT THE INTERVAL SPACING SHOWN HEREON. THE RESULTS OF AN ANALYSIS OF HORIZONTAL COORDINATES AS SHOWN HEREON, MEET 1:100,000 WHICH CONFORMS WITH THE ORDER(C)(1) DEFINED IN "GEOMETRIC GEODETIC ACCURACY STANDARDS AND SPECIFICATIONS FOR USING GPS RELATIVE POSITIONING TECHNIQUES" VERSION 5.0 DATED MAY 11, 1988, REPRINTED WITH CORRECTIONS ON AUGUST 01, 1989.

ALL GPS BASELINES WERE POST-PROCESSED USING TRIMBLE GEOMATICS OFFICE VER 1.63.

THE NETWORK SURVEY CONTROL WAS CONDUCTED IN TWO DISTINCT PHASES, A PRIMARY NETWORK AND A SECONDARY NETWORK. BOTH PRIMARY AND SECONDARY NETWORKS WERE CONSTRAINED IN TWO ADJUSTMENTS ON TWO SEPARATE HORIZONTAL DATUMS. THE CCS83, ZONE 4, 2007.0 EPOCH, AND THE CCS83, ZONE 4, 1991.35 EPOCH.

BASIS OF ELEVATION:

ELEVATIONS SHOWN ON THIS SURVEY ARE REFERENCED TO NAVD 88 AS DETERMINED LOCALLY BY NGS STATION PID#HR0062 (W 124 RESET) WITH THE PUBLISHED ELEVATION OF 4145.97 FEET.

BENCH MARK IS A BRASS DISC STAMPED "W 124 RESET", LOCATED 1.2 KM(0.7 MI) SOUTH ALONG MAIN STREET (U.S. HIGHWAY 395) FROM THE JUNCTION OF U.S. HIGHWAY 6 IN BISHOP, IN FRONT OF THE UNION BANK OF CALIFORNIA, 3.0 METERS(10 FT) EAST OF THE CURB OF MAIN STREET, 18.9 METERS (62.0 FT) SOUTH OF THE SOUTH CURB OF MAY STREET, 2.4 METERS (8.5 FT) WEST OF THE EAST EDGE OF THE SIDEWALK. MONUMENT DESCRIPTION AND LOCATION TAKEN FROM NGS DATA SHEET.

PURPOSE OF SURVEY

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH A NETWORK OF HORIZONTAL AND VERTICAL GEODETIC CONTROL STATIONS WITHIN THE CITY OF BISHOP.

LEGEND

△ INDICATES MONUMENT AS NOTED.
SEE BELOW AT LEFT FOR VICINITY MAP.
SEE SHEET 2 FOR FINAL COORDINATE LISTING AND SHEETS 3, 4, AND 5 FOR DETAILS.

SURVEYOR'S STATEMENT

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT AT THE REQUEST OF THE CITY OF BISHOP, ON OCTOBER 06, 2008.

Paul G. Robotta 1/31/2012
PAUL G. ROBOTTA, L.S. NO. 5334



COUNTY SURVEYOR'S STATEMENT

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE PROFESSIONAL LAND SURVEYOR'S ACT THIS 1ST DAY OF FEBRUARY, 2012.

John S. Parrish
JOHN S. PARRISH, L.S. NO. 5050
COUNTY SURVEYOR



RECORDER'S STATEMENT

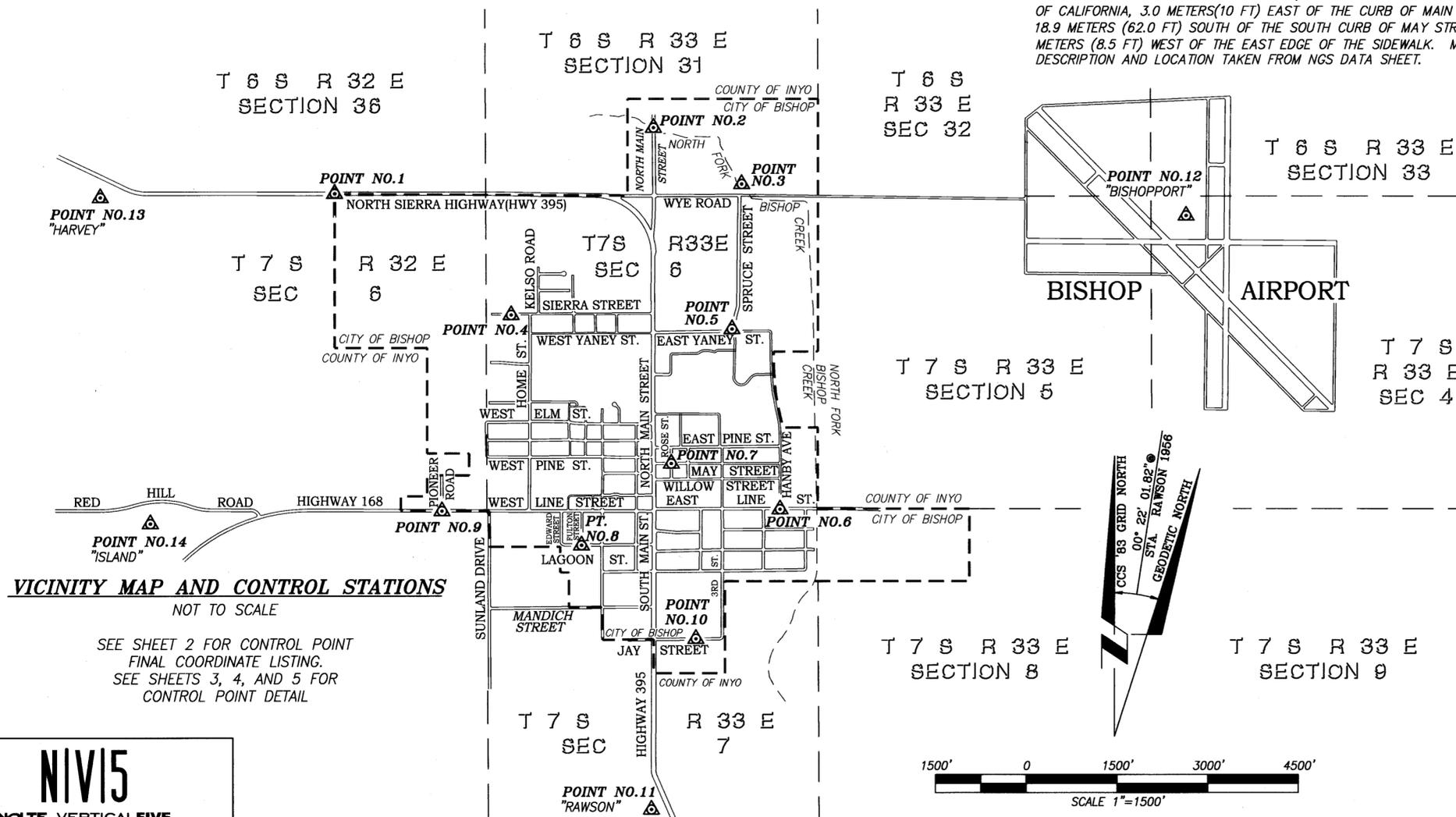
FILE NO. 2012-0000337

FILED THIS 3RD DAY OF FEBRUARY, 2012 AT 4:50 O'CLOCK P.M. IN BOOK OF RECORD OF SURVEY MAPS AT PAGES 29-33 OF BOOK 18 AT THE REQUEST OF CITY OF BISHOP.

KAMMI FOOTE
INYO COUNTY RECORDER

BY: *M. Hannah*
DEPUTY COUNTY RECORDER

FEE: \$ 0.00 NO FEE REQUIRED
PER GOVT. CODE SEC. 6103



VICINITY MAP AND CONTROL STATIONS

NOT TO SCALE

SEE SHEET 2 FOR CONTROL POINT FINAL COORDINATE LISTING.
SEE SHEETS 3, 4, AND 5 FOR CONTROL POINT DETAIL

NIV15

NOLTE VERTICAL FIVE

15070 AVENUE OF SCIENCE, SUITE 100 SAN DIEGO, CA. 92128
858.385-0500 TEL. 858.385-0400 FAX WWW.NOLTE.COM

CITY OF BISHOP CONTROL NETWORK R.O.S NO. 10-003

1991.35 EPOCH

POINT NO.	MONUMENT DESCRIPTION	LATITUDE	LONGITUDE	CCS 83 ZONE 4		NAVD 88(ft) ELEVATION	CCS 83 ZONE 4		NAVD 88(m) ELEVATION	SCALE FACTORS			PLANE CONVERGENCE
				NORTHING(ft.)	EASTING(ft.)		NORTHING(m)	EASTING(m)		GRID	SEA LEVEL	COMBINED	
01	COUNTY SURVEYOR 1/4 S36+S1 1973	37°22'33.032"N	118°24'49.780"W	2,384,534.987	6,732,005.159	4188.95	726,807.718	2,051,919.276	1276.79	1.00002635	0.999804	0.999830527	00°20'58.93"
02	CITY OF BISHOP 02 2008	37°22'50.199"N	118°23'43.703"W	2,386,304.414	6,737,327.958	4147.97	727,347.040	2,053,541.669	1264.30	1.00002744	0.999806	0.999833548	00°21'38.35"
03	CITY OF BISHOP 03 2008	37°22'33.235"N	118°23'24.101"W	2,384,598.584	6,738,921.054	4140.82	726,827.102	2,054,027.245	1262.12	1.00002636	0.999806	0.999832811	00°21'50.05"
04	CITY OF BISHOP 04 2008	37°22'13.134"N	118°24'11.267"W	2,382,541.507	6,735,126.428	4163.82	726,200.104	2,052,870.641	1269.14	1.00002509	0.999805	0.999830464	00°21'21.91"
05	CITY OF BISHOP 05 2008	37°22'11.080"N	118°23'27.106"W	2,382,356.217	6,738,692.710	4141.62	726,143.627	2,053,957.646	1262.37	1.00002496	0.999806	0.999831382	00°21'48.25"
06	"L.S 3462" WELL MON.	37°21'41.449"N	118°23'17.112"W	2,379,364.272	6,739,518.580	4132.49	725,231.681	2,054,209.372	1259.59	1.00002310	0.999807	0.999829972	00°21'54.21"
07	"L.S 3462" WELL MON.	37°21'48.842"N	118°23'39.409"W	2,380,100.667	6,737,713.709	4143.35	725,456.134	2,053,659.246	1264.12	1.00002356	0.999806	0.999829918	00°21'40.91"
08	"L.S 3462" WELL MON.	37°21'35.399"N	118°23'57.661"W	2,378,731.727	6,736,248.655	4154.58	725,038.881	2,053,212.696	1266.32	1.00002272	0.999806	0.999828557	00°21'30.02"
09	CITY OF BISHOP 09 2008	37°21'41.308"N	118°24'25.869"W	2,379,315.162	6,733,967.545	4173.89	725,216.712	2,052,517.413	1272.20	1.00002309	0.999805	0.999828007	00°21'13.19"
10	CITY OF BISHOP 10 2008	37°21'20.187"N	118°23'34.381"W	2,377,204.909	6,738,137.933	4139.18	724,573.505	2,053,788.550	1261.63	1.00002178	0.999807	0.999828348	00°21'43.91"
Δ11	U.S.C.G.S. PID. NO.HR2619, "RAWSON 1956"	37°18'42.231"N	118°23'04.360"W	2,361,243.978	6,740,664.278	4179.43	719,708.604	2,054,558.581	1273.89	1.00001232	0.999805	0.999816958	00°22'01.82"
Δ12	U.S.C.G.S. PID. NO.AE6562, "BISHOPPORT"	37°22'29.098"N	118°21'49.775"W	2,384,229.581	6,746,537.769	4112.92	726,714.630	2,056,348.825	1253.62	1.00002610	0.999808	0.999833923	00°22'46.32"
Δ13	U.S.C.G.S. PID. NO.HR0044, "HARVEY 1956"	37°22'40.052"N	118°28'12.527"W	2,385,149.927	6,715,635.568	4461.92	726,995.152	2,046,929.815	1360.00	1.00002679	0.999791	0.999817932	00°18'57.97"
Δ14	U.S.C.G.S. PID. NO.HR2621, "ISLAND"	37°21'36.083"N	118°28'07.882"W	2,378,681.830	6,716,046.310	4635.78	725,023.627	2,047,055.009	1412.99	1.00002277	0.999783	0.999805604	00°19'00.75"

Δ PUBLISHED COORDINATES AND ELEVATIONS USED PER CALTRANS DISTRICT 9 CONTROL NOTES. (SEE 1991.35 EPOCH PROCEDURE ON SHEET NO. 1)

(ft.)=SURVEY FOOT

(m)=METERS

Correction shown in red per Certificate of Correction dated 21 May 2012

2007.0 EPOCH

POINT NO.	MONUMENT DESCRIPTION	LATITUDE	LONGITUDE	CCS 83 ZONE 4		NAVD 88(ft) ELEVATION	CCS 83 ZONE 4		NAVD 88(m) ELEVATION	SCALE FACTORS			PLANE CONVERGENCE
				NORTHING(ft.)	EASTING(ft.)		NORTHING(m)	EASTING(m)		GRID	SEA LEVEL	COMBINED	
01	COUNTY SURVEYOR 1/4 S36+S1 1973	37°22'33.035"N	118°24'49.787"W	2,384,535.255	6,732,004.657	4188.95	726,807.799	2,051,919.123	1276.79	1.00002635	0.999804	0.999830505	00°20'58.93"
02	CITY OF BISHOP 02 2008	37°22'50.202"N	118°23'43.709"W	2,386,304.715	6,737,327.458	4147.97	727,347.132	2,053,541.516	1264.30	1.00002744	0.999806	0.999833507	00°21'38.35"
03	CITY OF BISHOP 03 2008	37°22'33.238"N	118°23'24.107"W	2,384,598.891	6,738,920.567	4140.82	726,827.196	2,054,027.097	1262.12	1.00002636	0.999806	0.999832783	00°21'50.04"
04	CITY OF BISHOP 04 2008	37°22'13.136"N	118°24'11.273"W	2,382,541.789	6,735,125.944	4163.82	726,200.190	2,052,870.494	1269.14	1.00002509	0.999805	0.999830457	00°21'21.90"
05	CITY OF BISHOP 05 2008	37°22'11.083"N	118°23'27.112"W	2,382,356.518	6,738,692.235	4141.62	726,143.719	2,053,957.501	1262.37	1.00002496	0.999806	0.999831373	00°21'48.25"
06	"L.S 3462" WELL MON.	37°21'41.452"N	118°23'17.117"W	2,379,364.571	6,739,518.123	4132.49	725,231.772	2,054,209.232	1259.59	1.00002310	0.999807	0.999829988	00°21'54.21"
07	"L.S 3462" WELL MON.	37°21'48.845"N	118°23'39.415"W	2,380,100.958	6,737,713.244	4143.35	725,456.223	2,053,659.104	1264.12	1.00002356	0.999806	0.999829930	00°21'40.91"
08	"L.S 3462" WELL MON.	37°21'35.402"N	118°23'57.667"W	2,378,732.006	6,736,248.194	4154.58	725,038.966	2,053,212.556	1266.32	1.00002273	0.999806	0.999828581	00°21'30.02"
09	CITY OF BISHOP 09 2008	37°21'41.310"N	118°24'25.875"W	2,379,315.429	6,733,967.076	4173.89	725,216.793	2,052,517.270	1272.20	1.00002309	0.999805	0.999828028	00°21'13.19"
10	CITY OF BISHOP 10 2008	37°21'20.190"N	118°23'34.387"W	2,377,205.194	6,738,137.484	4139.18	724,573.592	2,053,788.413	1261.63	1.00002178	0.999807	0.999828383	00°21'43.91"
*11	U.S.C.G.S. PID. NO.HR2619, "RAWSON 1956"	37°18'42.233"N	118°23'04.364"W	2,361,244.241	6,740,663.922	4175.90	719,708.684	2,054,558.473	1272.82	1.00001232	0.999805	0.999817127	00°22'01.82"
*12	U.S.C.G.S. PID. NO.AE6562, "BISHOPPORT"	37°22'29.102"N	118°21'49.781"W	2,384,229.930	6,746,537.300	4113.60	726,714.736	2,056,348.682	1253.83	1.00002610	0.999808	0.999833891	00°22'46.32"
*13	U.S.C.G.S. PID. NO.HR0044, "HARVEY 1956"	37°22'40.053"N	118°28'12.533"W	2,385,150.106	6,715,635.030	4462.16	726,995.206	2,046,929.651	1360.07	1.00002679	0.999791	0.999817920	00°18'57.97"
*14	U.S.C.G.S. PID. NO.HR2621, "ISLAND"	37°21'36.085"N	118°28'07.888"W	2,378,681.997	6,716,045.808	4634.88	725,023.723	2,047,054.856	1412.72	1.00002277	0.999783	0.999805647	00°19'00.74"

* PUBLISHED COORDINATES AND ELEVATIONS USED PER NGS DATA SHEETS. (SEE 2007.0 EPOCH PROCEDURE ON SHEET NO. 1)

(ft.)=SURVEY FOOT

(m)=METERS

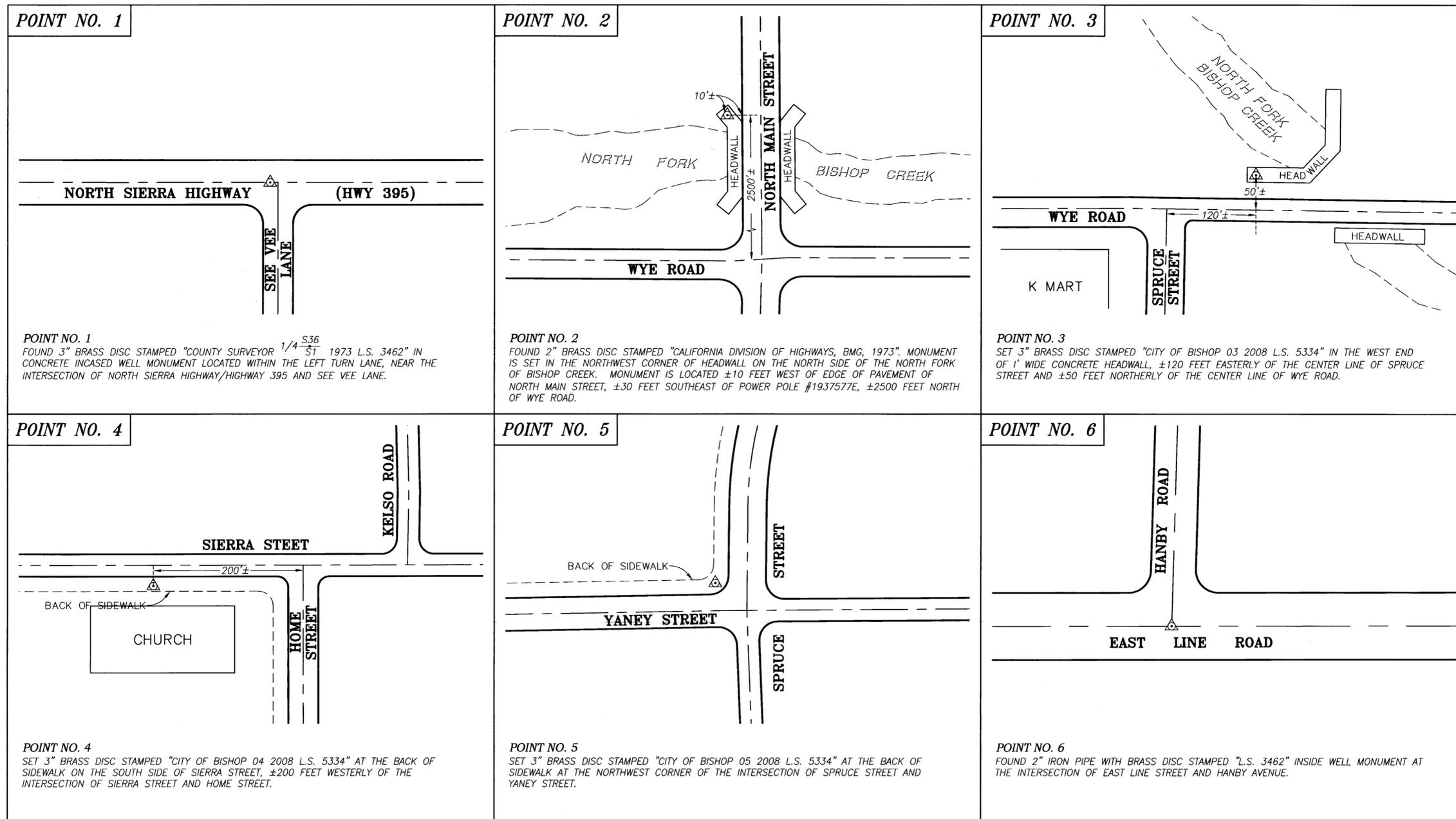
CONTROL POINT FINAL COORDINATE LISTING

NIV15

NOLTE VERTICAL FIVE

15070 AVENUE OF SCIENCE, SUITE 100 SAN DIEGO, CA. 92128
858.385-0500 TEL. 858.385-0400 FAX WWW.NOLTE.COM

CITY OF BISHOP CONTROL NETWORK R.O.S NO. 10-003



CONTROL POINT DETAIL SHEET

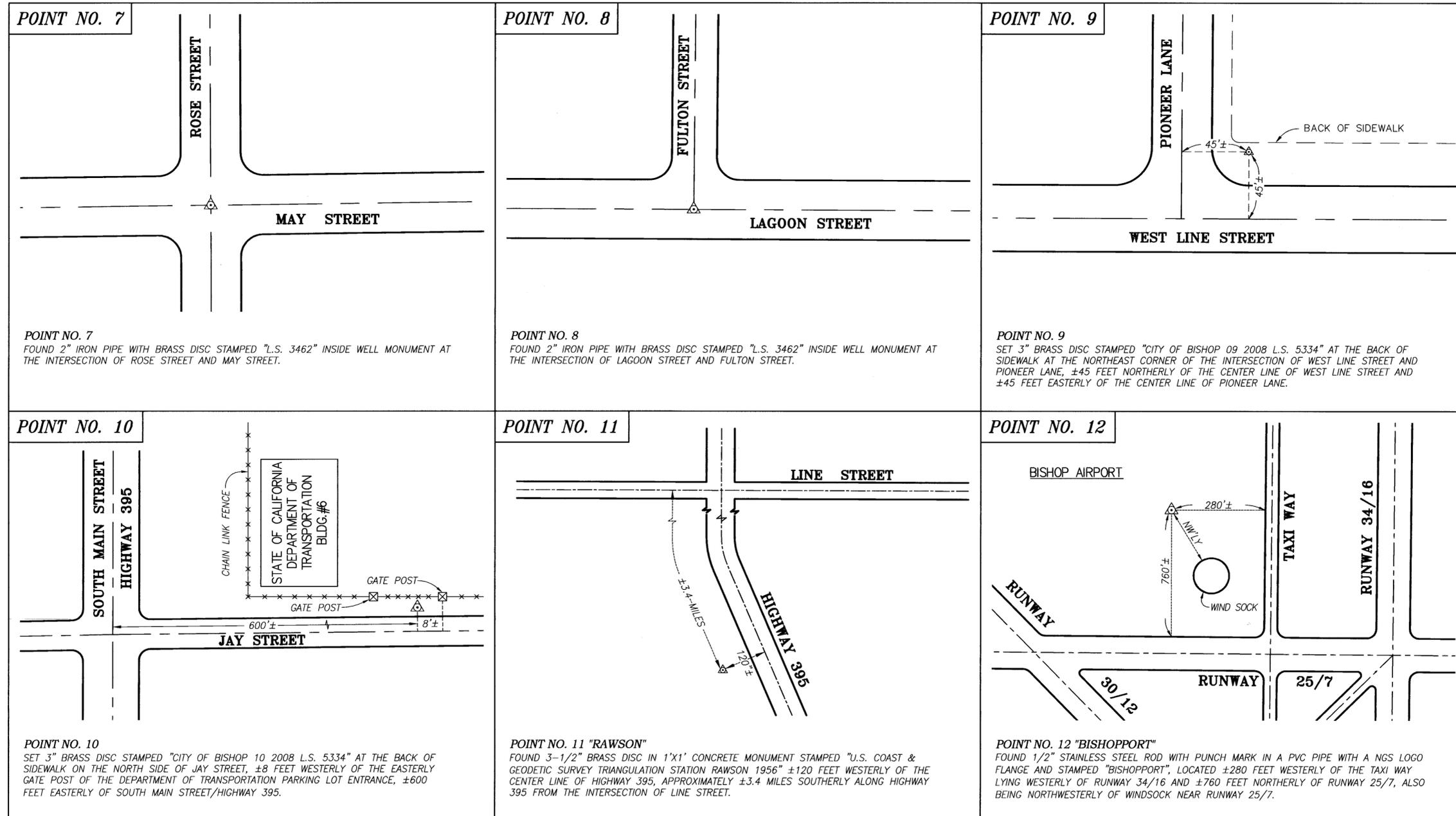
NOT TO SCALE

NIV|5

NOLTE VERTICALFIVE

15070 AVENUE OF SCIENCE, SUITE 100 SAN DIEGO, CA. 92128
 858.385-0500 TEL 858.385-0400 FAX WWW.NOLTE.COM

CITY OF BISHOP CONTROL NETWORK R.O.S NO. 10-003



CONTROL POINT DETAIL SHEET

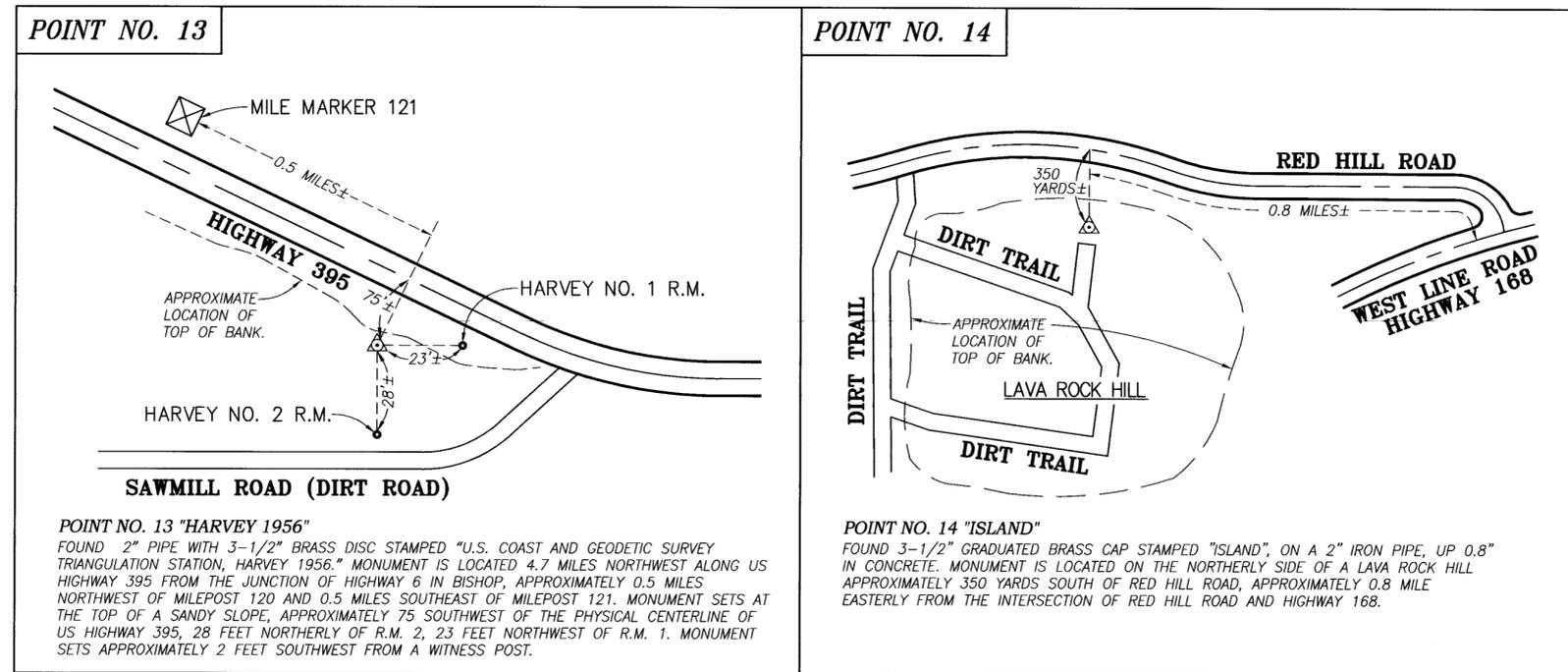
NOT TO SCALE

NIV15

NOLTE VERTICALFIVE

15070 AVENUE OF SCIENCE, SUITE 100 SAN DIEGO, CA. 92128
 858.385-0500 TEL 858.385-0400 FAX WWW.NOLTE.COM

CITY OF BISHOP CONTROL NETWORK R.O.S NO. 10-003



CONTROL POINT DETAIL SHEET

NOT TO SCALE

NIV15

NOLTE VERTICALFIVE

15070 AVENUE OF SCIENCE, SUITE 100 SAN DIEGO, CA. 92128
858.385-0500 TEL. 858.385-0400 FAX WWW.NOLTE.COM

RECORDING REQUESTED BY:

Paul Robotta, PLS
Nolte Associates, Inc.
15070 Avenue of Science, Suite 100
San Diego, CA
92128

WHEN RECORDED MAIL TO:

Chantel Brown
Inyo County Public Works
PO Drawer Q
Independence, CA 93526

CERTIFICATE OF CORRECTION

PURSUANT TO Section 66469 of the Subdivision Map Act,

NOTICE IS GIVEN that Record of Survey Map No. 10-003, in the City of Bishop, County of Inyo, State of California, filed in the Office of the Inyo County Recorder February 3, 2012 is in error and is corrected in accordance with Section 66469 of the Sub Division Map Act as follows:

On Sheet No. 2 of 5, the elevation of Point No. 7, which is described as a 2 inch iron pipe with brass disk stamped "L.S. 3462" inside a well monument at the intersection of Rose Street and May Street, is in error. The NAVD 88 (sft) elevation, listed as 4147.37 ft., should be 4143.35ft.

No fee owners of real property are affected by this Certificate of Correction.

CERTIFICATE OF SURVEYOR

I further certify that the above Certificate of Correction was prepared by me or under my direction and control of the undersigned professional land surveyor.



Paul Robotta 5/21/12

Paul Robotta Date
PLS 5334

I, STEVE PARRISH, County Surveyor of the County of Inyo, State of California, certify that I have examined the foregoing Certificate of Correction and I find that the only changes shown hereon are changes provided by Section 66469 of the Subdivision Map Act.

STEVE PARRISH, PLS 5050 Date
County Surveyor