



SHEET INDEX	
SHEET 1	COVER SHEET
SHEET 2	2ND ORDER PRIMARY CONTROL NETWORK DIAGRAM
SHEET 3-7	3RD ORDER NETWORK DIAGRAM, MARIN COUNTY
SHEET 8-19	3RD ORDER NETWORK DIAGRAM, SONOMA COUNTY
SHEET 20-24	CONTROL POINT LISTING

NOTES
 ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
 ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.

BASIS OF BEARINGS
 CALIFORNIA COORDINATE SYSTEM, CCS83, EPOCH 2008.00 AS PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER, CENTRAL COAST HEIGHT MODERNIZATION PROJECT, DATED MARCH 16, 2009.

COUNTY SURVEYOR'S STATEMENT
 THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE PROFESSIONAL LAND SURVEYORS' ACT THIS 20TH DAY OF JUNE, 2010.

COUNTY SURVEYOR, MARIN COUNTY
CRAIG TACKER
 DEPUTY COUNTY SURVEYOR, MARIN COUNTY

THE MARIN COUNTY SURVEYOR IS ONLY SIGNING FOR PORTIONS OF THIS MAP WITHIN THE COUNTY OF MARIN.

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 SURVEYORS' ACT AT THE REQUEST OF BILL GAMLEN IN NOVEMBER, 2009.

JAMES M. DICKEY PLS 7935
 EXP. DATE 12/31/11
6/29/2010
 DATE:

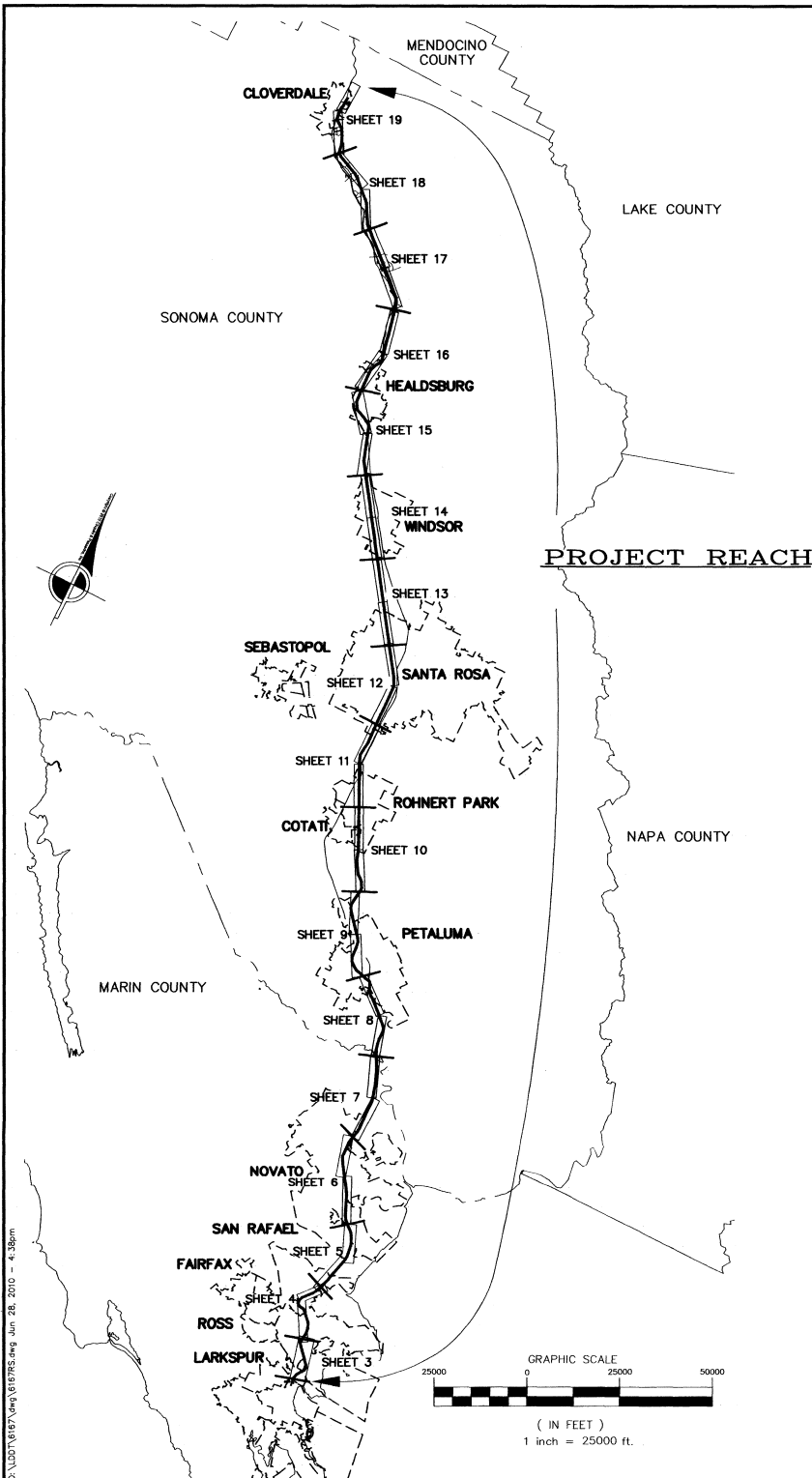


RECORDER'S STATEMENT
 FILED THIS 9 DAY OF JULY, 2010, AT 10:01 A.M. IN BOOK 2610 OF MAPS AT PAGE(S) 96, AT THE REQUEST OF THE COUNTY SURVEYOR.

Jan C. Hayes 2010-CC 32787
 COUNTY RECORDER DOC. NO.
Don W. Lyle 856
 DEPUTY COUNTY RECORDER FEES

RECORD OF SURVEY
 OF THE
 PROJECT CONTROL
 FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
 COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
 MARCH 2010 NO SCALE

CINQUINI & PASSARINO, INC.
LAND SURVEYING
 ▲ BOUNDARY 1360 No. Dutton Ave.
 ▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
 ▲ CONSTRUCTION Phone: (707) 542-6268
 ▲ SUBDIVISIONS Fax: (707) 542-2106
 WWW.CINQUINIPASSARINO.COM



LEGEND

- △ FOUND EXISTING CONTROL, SEE SHEET 20 OF 24
 ○ SET PRIMARY CONTROL POINT, SEE SHEET 20 THROUGH 24 OF 24
 --- CITY LIMITS

**NOTES**

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.

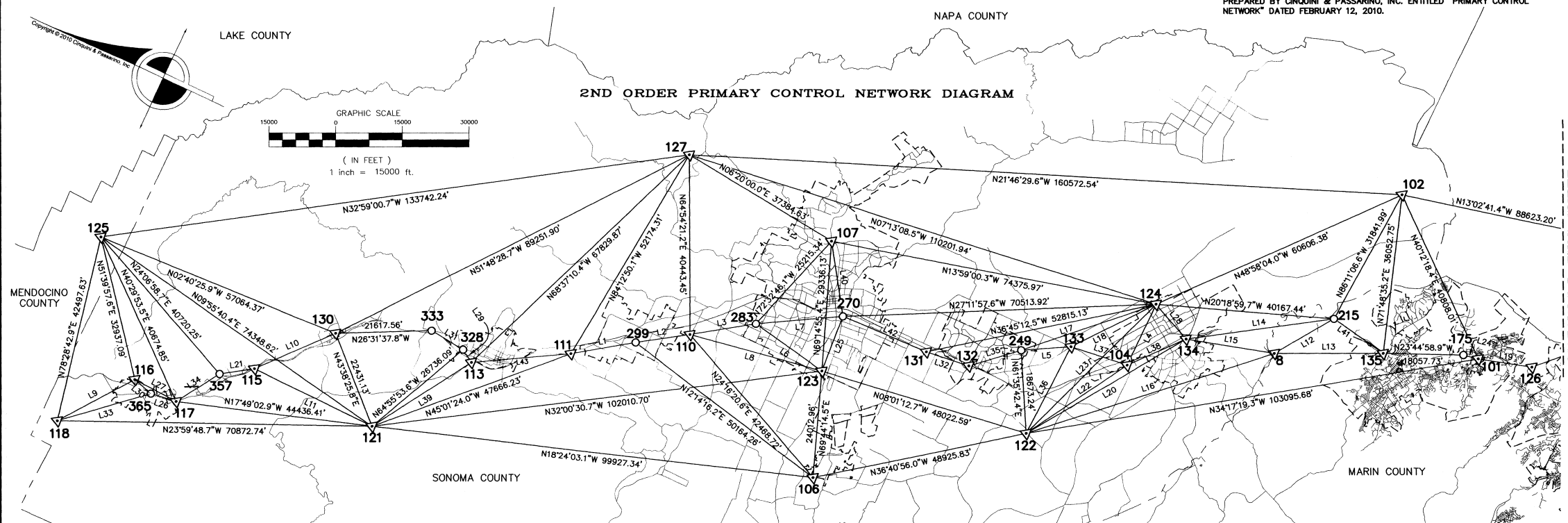
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.

FOR POINT COORDINATE VALUES SEE SHEETS 20 THROUGH 24.

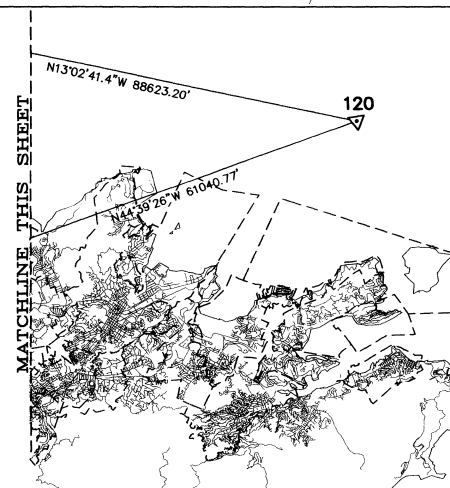
POINTS 101, 102, 106, 107, 110, 113, 116, 117, AND 120 THROUGH 125 WERE HELD FOR HORIZONTAL AND VERTICAL CONTROL OF THIS PROJECT. POINTS 8, 111, 115, 130, 133, AND 134 WERE HELD ONLY FOR VERTICAL CONTROL OF THIS PROJECT.

ALL ELEVATIONS WERE DERIVED FROM DIFFERENTIAL LEVEL LOOPS, WHICH ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

FOR MORE DETAILED INFORMATION ON THE PROJECT CONTROL SEE THE REPORT PREPARED BY CINQUINI & PASSARINO, INC. ENTITLED "PRIMARY CONTROL NETWORK" DATED FEBRUARY 12, 2010.

2ND ORDER PRIMARY CONTROL NETWORK DIAGRAM

MATCHLINE THIS SHEET

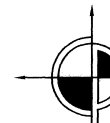


LINE TABLE		
No.	Bearing	Distance
L1	S34°56'52.8"E	14765.00'
L2	N33°30'08.6"W	12363.90'
L3	S34°10'37.6"E	15038.11'
L4	N89°39'43.8"W	15193.02'
L5	N29°04'49.0"W	11219.62'
L6	N10°39'20.0"E	18272.25'
L7	N29°55'28.1"W	19636.13'
L8	N09°28'02.2"W	30818.03'
L9	S52°55'44.1"E	19808.76'
L10	N48°24'31.5"W	19929.10'
L11	N01°07'08.3"E	29467.85'
L12	N55°19'46.1"W	15560.70'
L13	N24°54'12.1"W	24503.35'
L14	S32°51'10.2"E	33611.52'
L15	S15°39'55.3"E	20131.91'
L16	S42°47'51.8"E	58659.26'
L17	N43°57'18.5"W	32099.27'
L18	N51°40'18.6"W	21449.88'
L19	N16°19'52.4"W	12243.66'
L20	S55°29'48.5"E	41764.39'
L21	N33°37'56.5"W	7935.26'
L22	S58°59'10.5"E	27434.21'

LINE TABLE		
No.	Bearing	Distance
L23	S69°49'14.2"E	41236.27'
L24	N10°38'33.5"W	3442.71'
L25	N85°55'25.5"E	13207.68'
L26	N07°35'10.0"W	5919.98'
L27	S03°09'23.3"W	10517.13'
L28	S24°26'32.8"W	10361.24'
L29	N31°10'52.3"E	3384.14'
L30	S16°21'59.9"W	4828.67'
L31	N06°22'14.6"E	8270.50'
L32	S06°51'28.1"E	10089.57'
L33	S41°04'22.9"E	21984.91'
L34	S57°28'14.6"E	11596.66'
L35	S41°27'12.5"E	12263.33'
L36	S87°35'08.6"E	21897.69'
L37	S07°03'00.3"E	13313.54'
L38	N48°52'26.0"W	14477.66'
L39	N57°39'40.6"W	26589.50'
L40	S56°27'02.9"W	17108.89'
L41	N10°30'15.1"E	13601.14'
L42	N01°45'46.3"W	20409.87'
L43	N30°01'47.0"W	22486.50'

RECORD OF SURVEY

OF THE
 PROJECT CONTROL
 FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
 COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
 MARCH 2010 SCALE: 1" = 15,000'



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
 ▲ TOPOGRAPHIC
 ▲ CONSTRUCTION
 ▲ SUBDIVISIONS
 1360 No. Dutton Ave.
 Santa Rosa, Ca. 95401
 Phone: (707) 542-6268
 Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

SHEET 2 OF 24
 CPI FILE NO. 6167-09

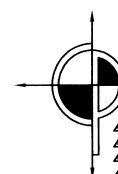
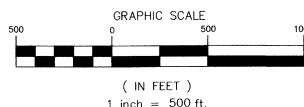
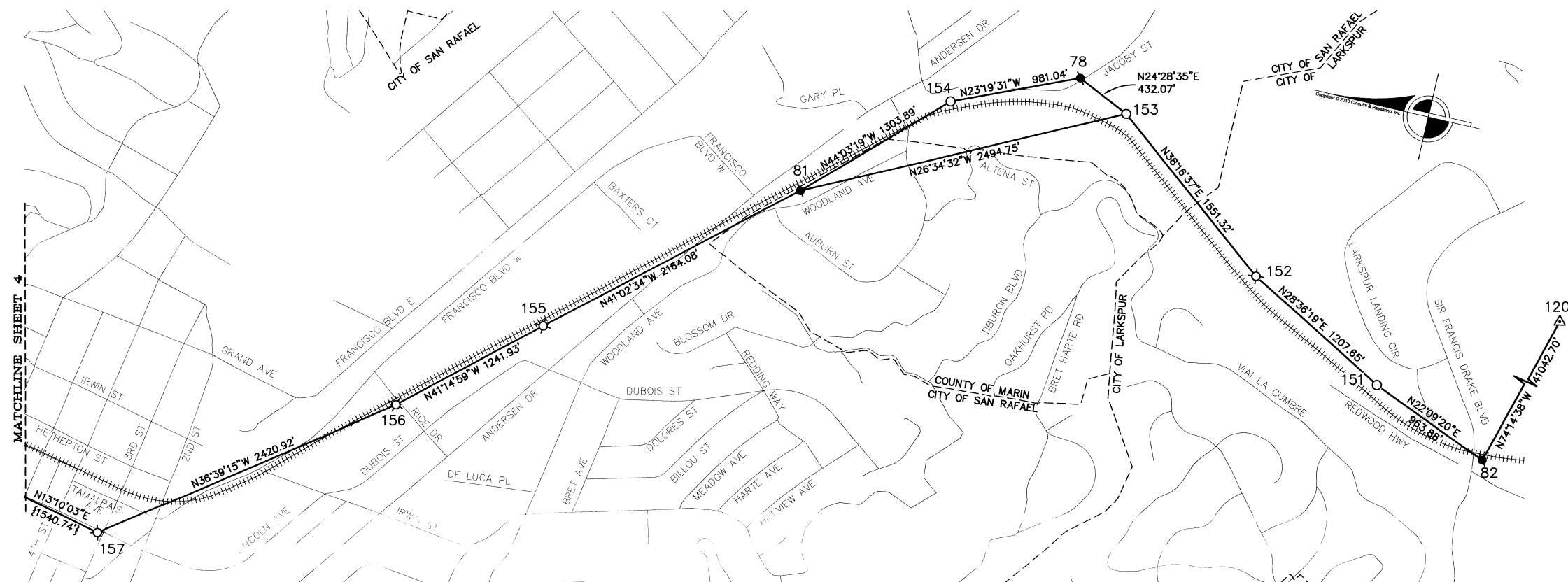
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED
"SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA
RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER
STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED
"SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- △ FOUND EXISTING CONTROL, SEE SHEET 20 OF 24
- FOUND MONUMENT AS NOTED
- +++++ RAILROAD TRACKS
- CITY LIMITS
- COUNTY LINE
- MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST
HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION
FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1380 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 3 OF 24
CPI FILE NO. 6167-09

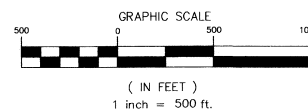
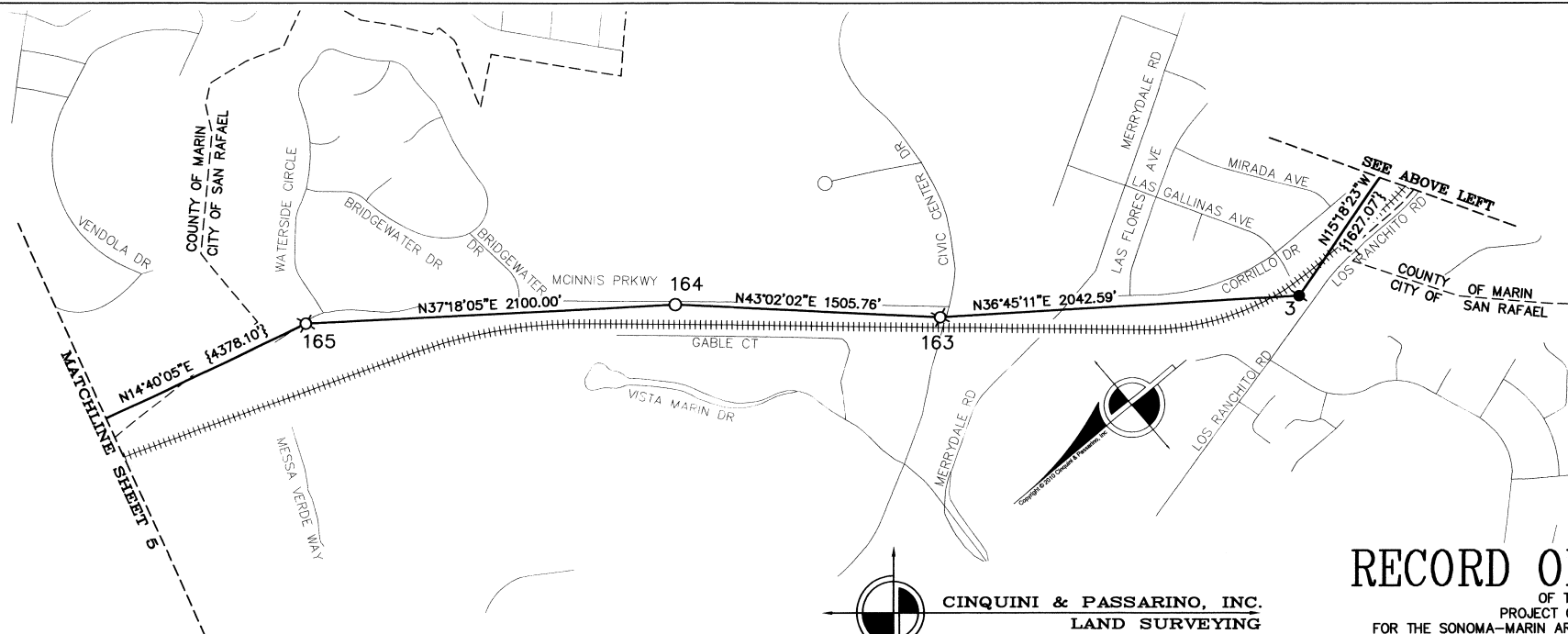
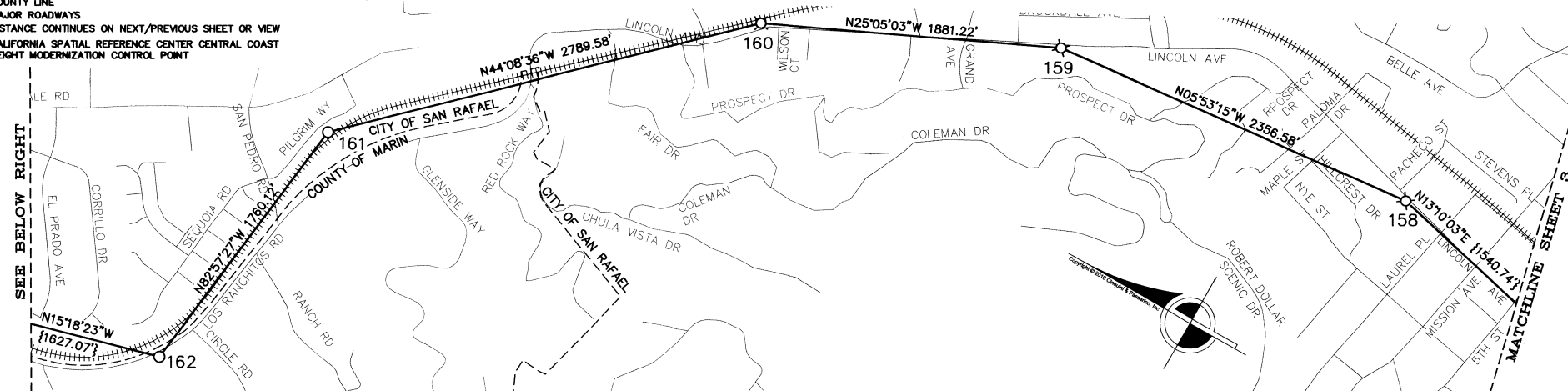
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED
- ===== RAILROAD TRACKS
- - - - - CITY LIMITS
- - - - - COUNTY LINE
- - - - - MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- { } CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT
- CSRC



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
▲ TOPOGRAPHIC
▲ CONSTRUCTION
▲ SUBDIVISIONS

1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN
MARCH 2010

STATE OF CALIFORNIA
SCALE: 1" = 500'
SHEET 4 OF 24
CPI FILE NO. 6167-09

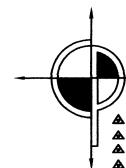
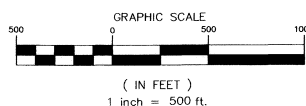
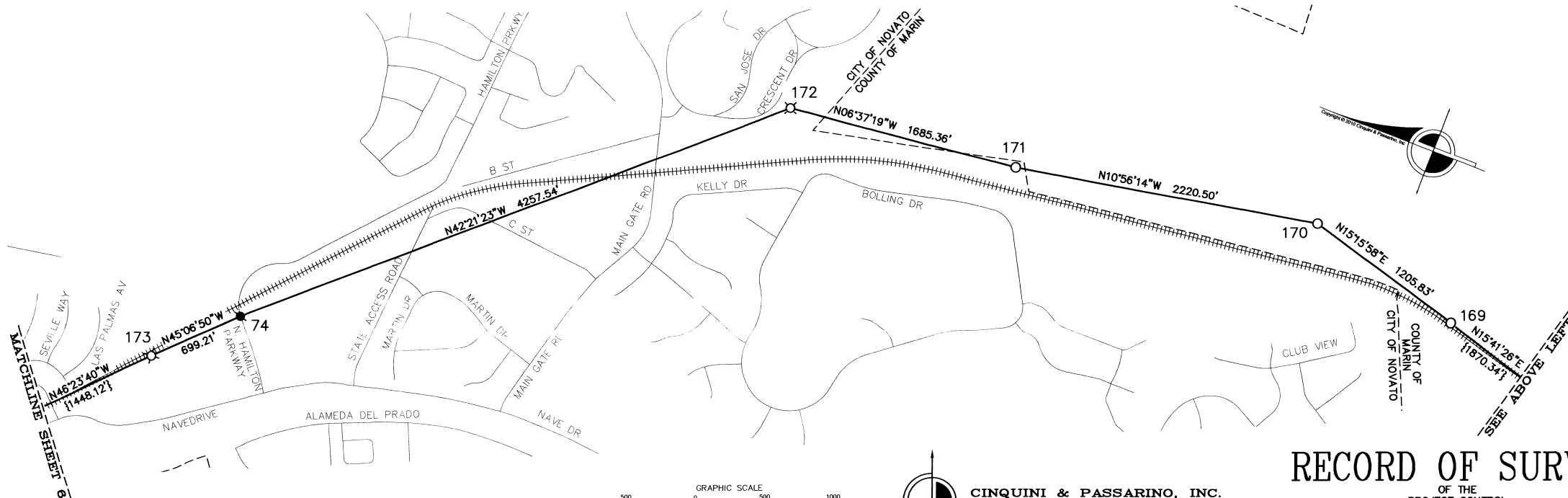
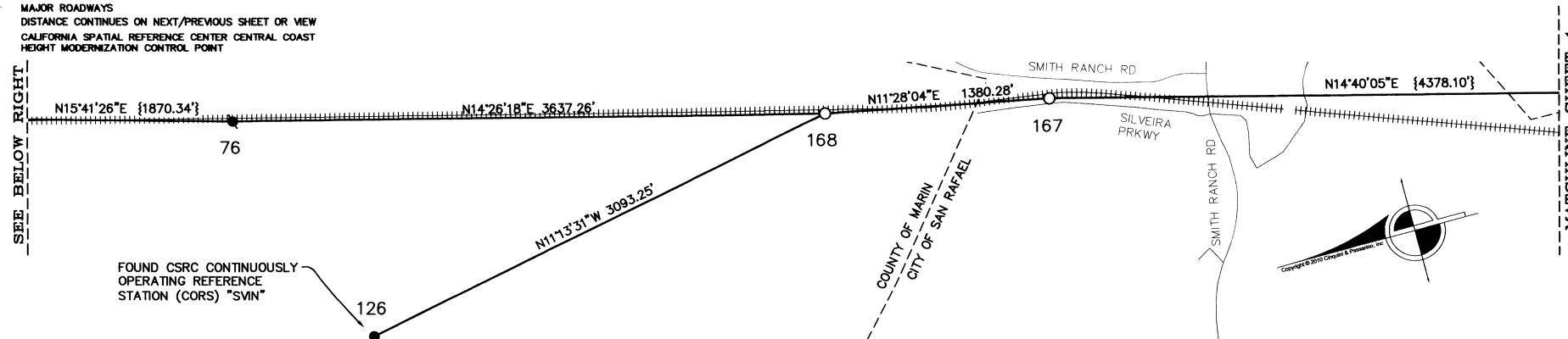
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ☆ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ++++ RAILROAD TRACKS
- - - - CITY LIMITS
- - - - COUNTY LINE
- - - - MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- { } CSRC
- California Spatial Reference Center Central Coast
- HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

- ▲ BOUNDARY
- ▲ TOPOGRAPHIC
- ▲ CONSTRUCTION
- ▲ SUBDIVISIONS

1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106

WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 5 OF 24
CPI FILE NO. 6167-09

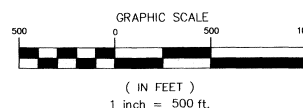
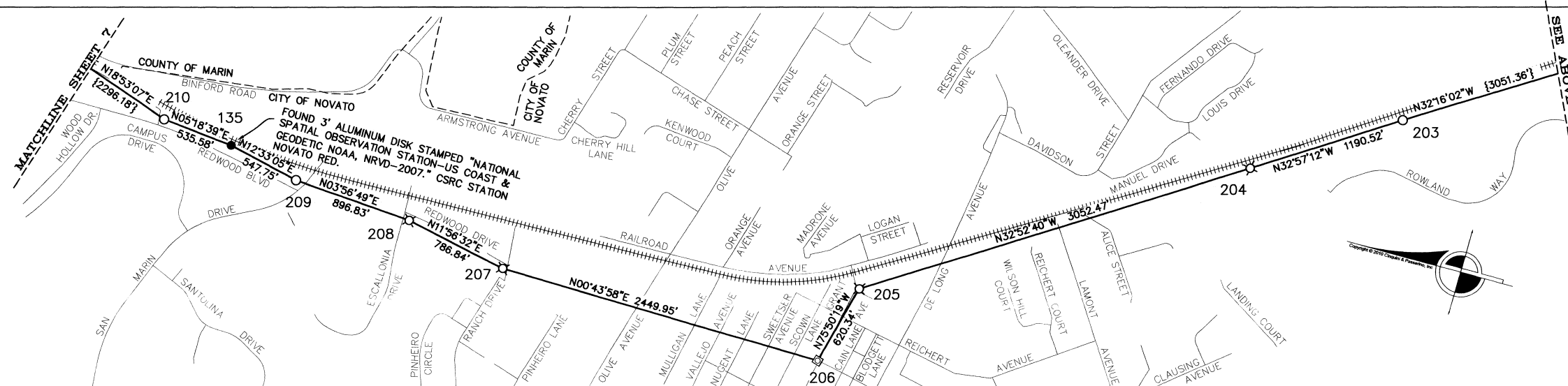
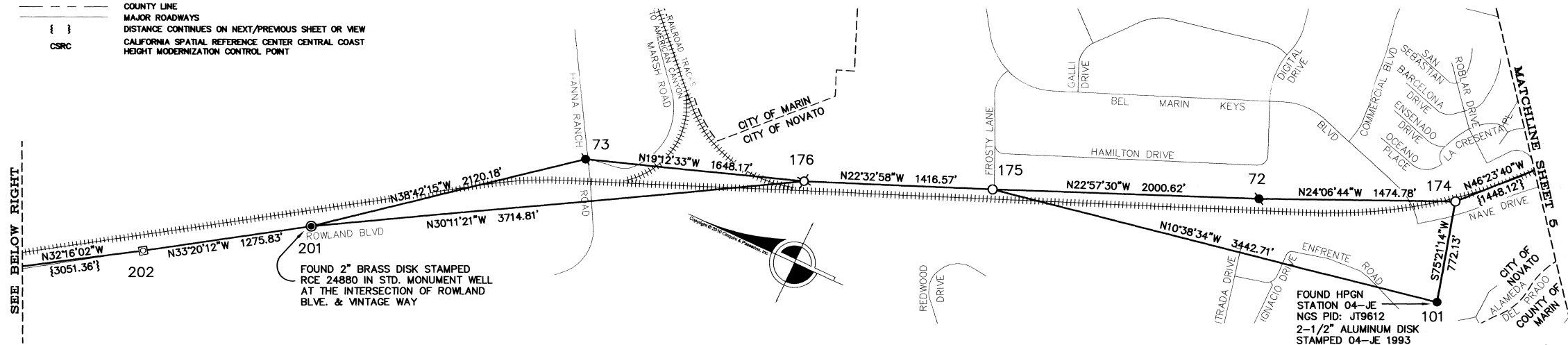
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊙ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ===== RAILROAD TRACKS
- CITY LIMITS
- COUNTY LINE
- ===== MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 6 OF 24
CPI FILE NO. 6167-09

LEGEND


 SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED
 "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"

 SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA
 RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE

 FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER
 STAMPED "CINQUINI & PASSARINO CONTROL"

 SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED
 "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"

 FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED

 FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24

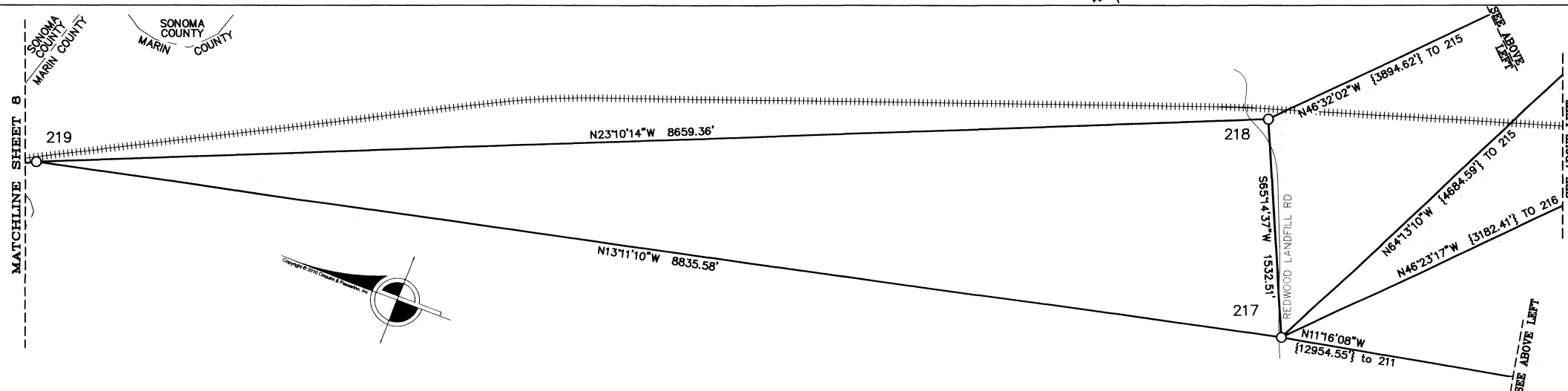
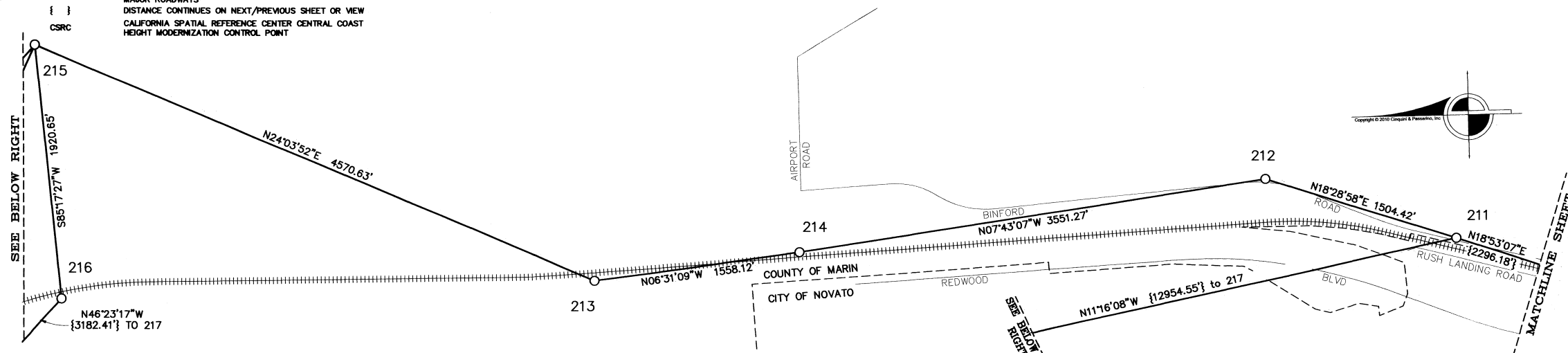



 { }
 CSRC
 MAJOR ROADWAYS
 DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
 CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST
 HEIGHT MODERNIZATION CONTROL POINT



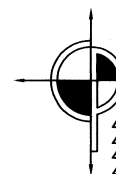
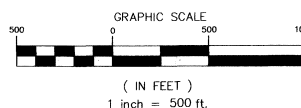
NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION
FACTOR TO CONVERT TO GROUND DISTANCES.



RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN
STATE OF CALIFORNIA
MARCH 2010
SCALE: 1" = 500'
SHEET 7 OF 24
CPI FILE NO. 6167-09



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106

WWW.CINQUINIPASSARINO.COM

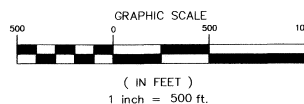
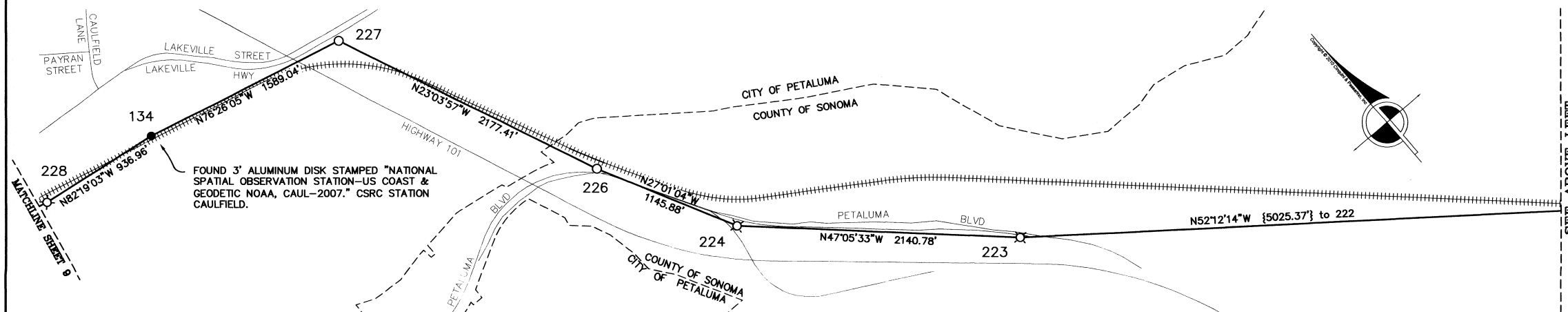
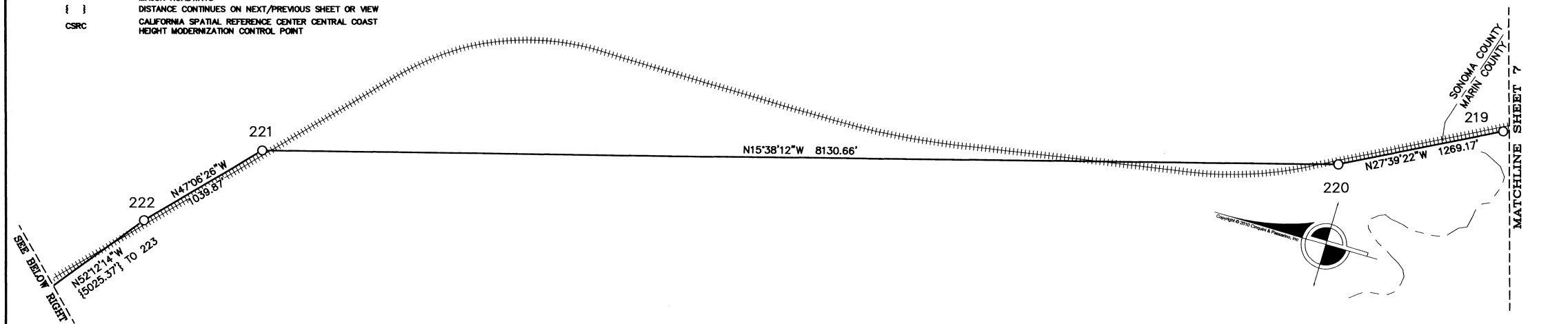
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
▲ TOPOGRAPHIC
▲ CONSTRUCTION
▲ SUBDIVISIONS
1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN
MARCH 2010
STATE OF CALIFORNIA
SCALE: 1" = 500'

SHEET 8 OF 24
CPI FILE NO. 6167-09

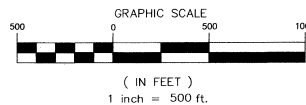
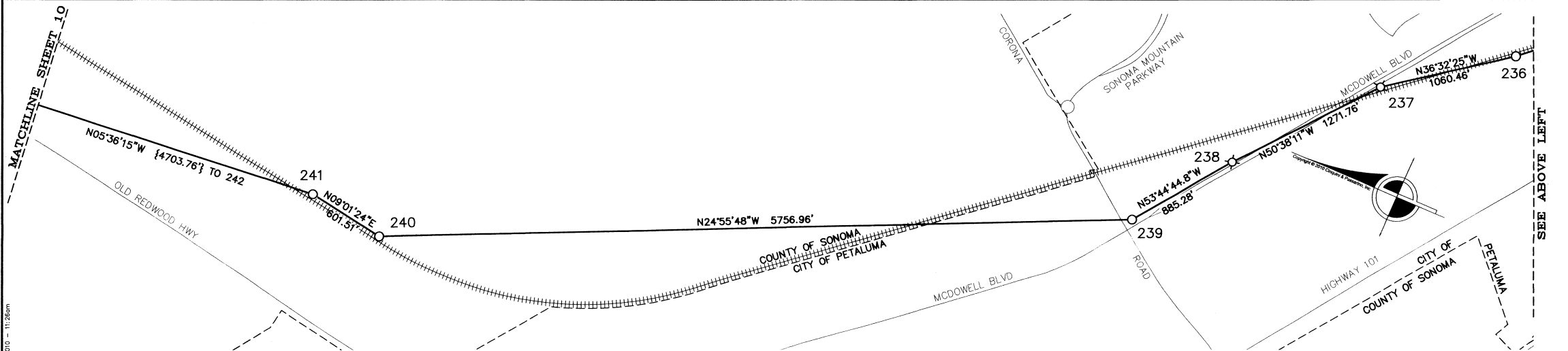
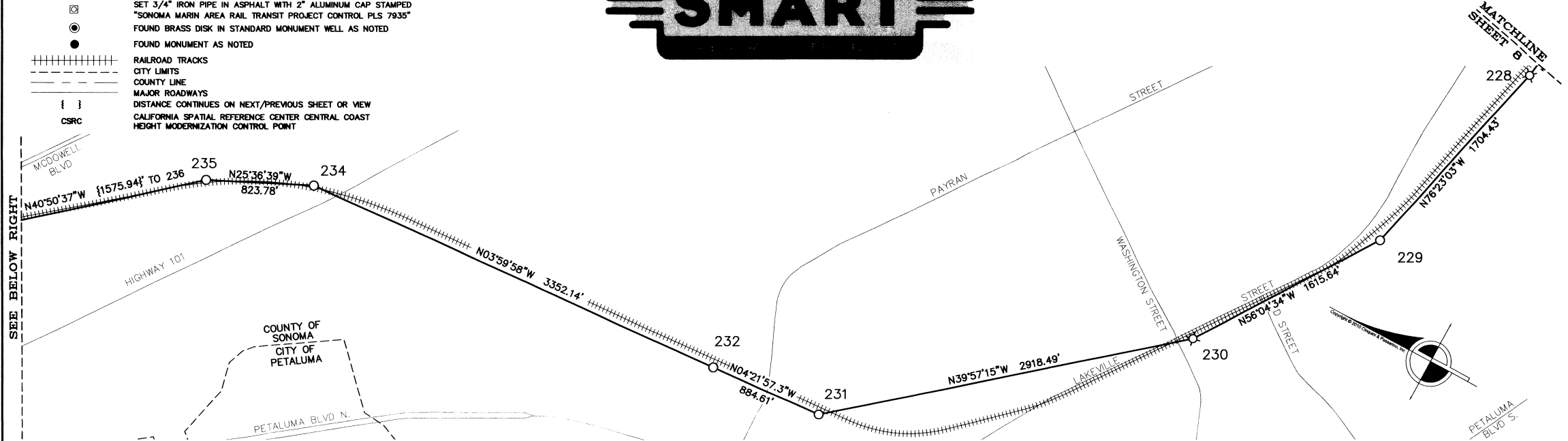
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊙ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



**CINQUINI & PASSARINO, INC.
LAND SURVEYING**

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

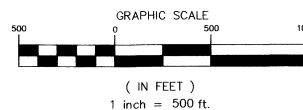
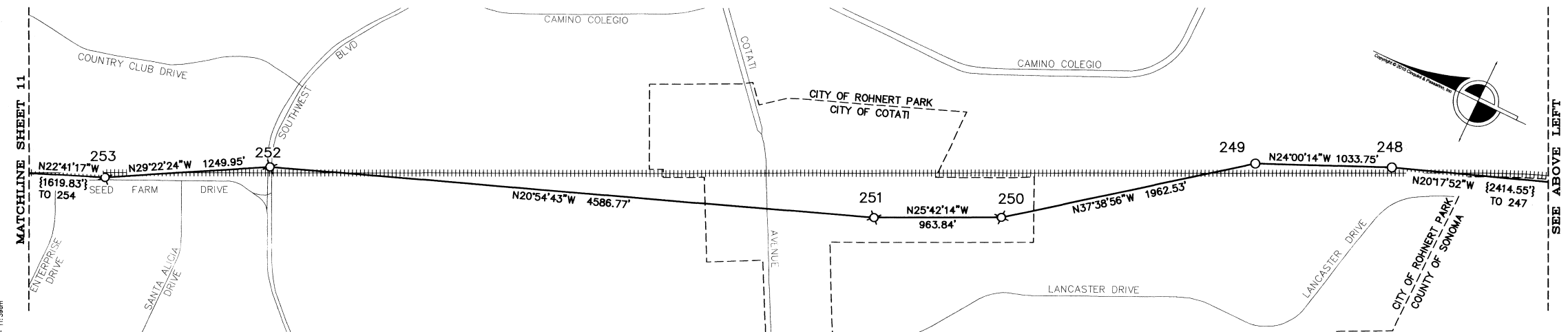
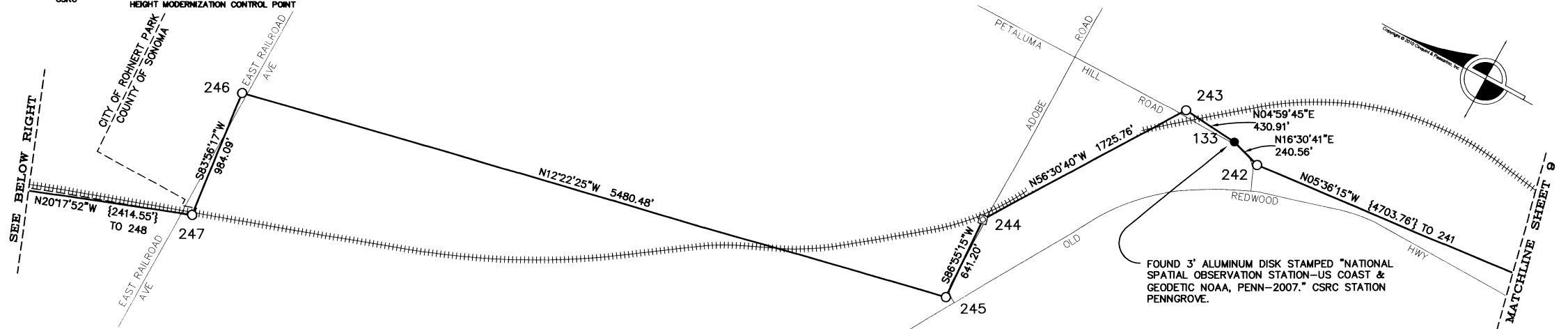
SHEET 9 OF 24
CPI FILE NO. 6167-09

LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊙ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT

**NOTES**

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY
OF THE

PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 10 OF 24
CPI FILE NO. 6167-09

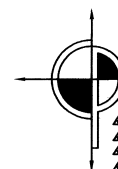
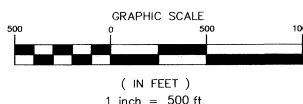
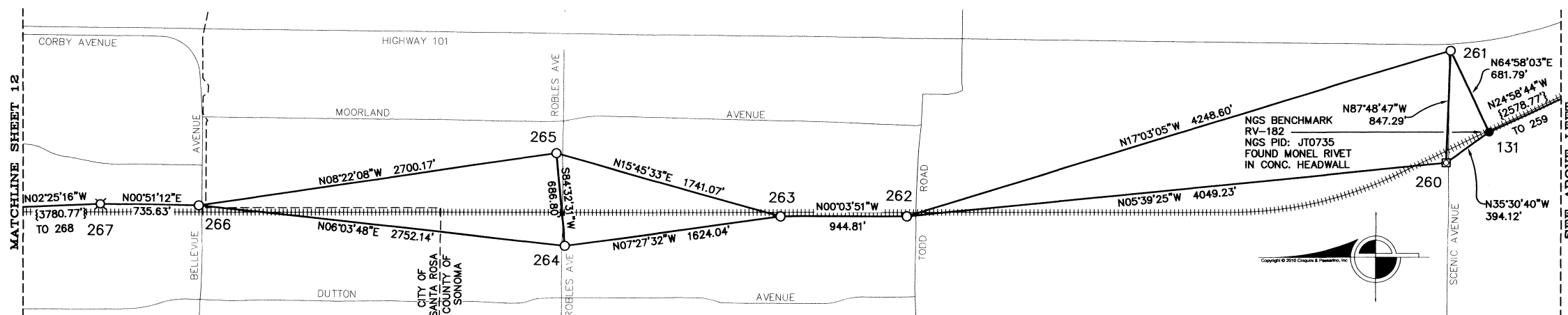
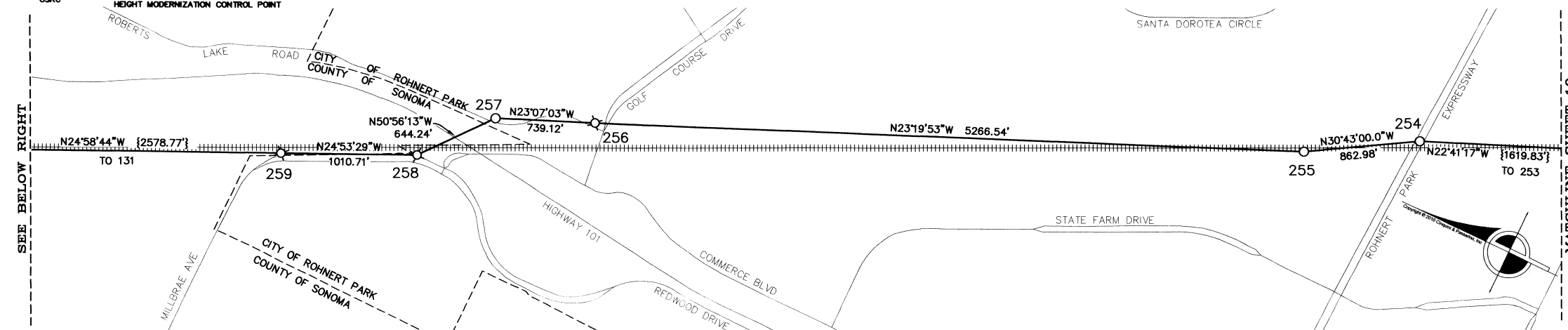
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ☆ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊠ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
▲ TOPOGRAPHIC
▲ CONSTRUCTION
▲ SUBDIVISIONS
1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN
MARCH 2010
STATE OF CALIFORNIA
SCALE: 1" = 500'

SHEET 11 OF 24
CPI FILE NO. 6167-09

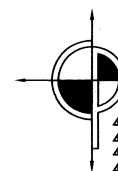
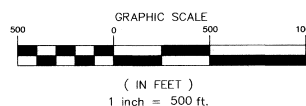
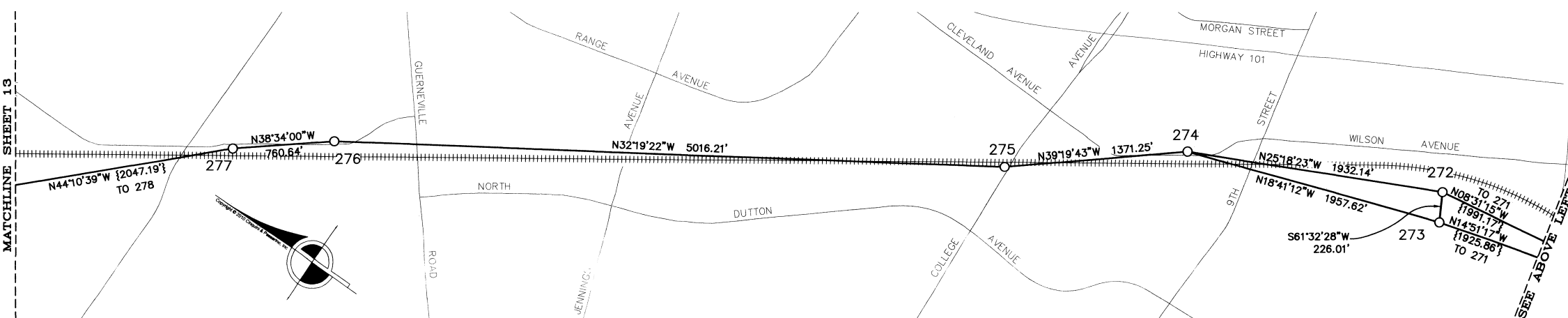
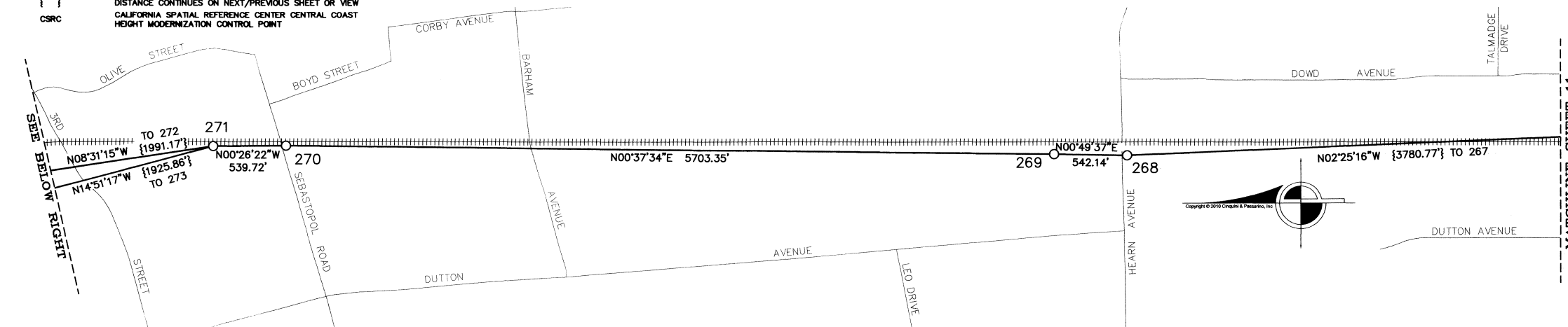
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ☆ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊙ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED
- ++++ RAILROAD TRACKS
- CITY LIMITS
- COUNTY LINE
- MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

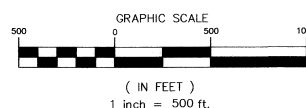
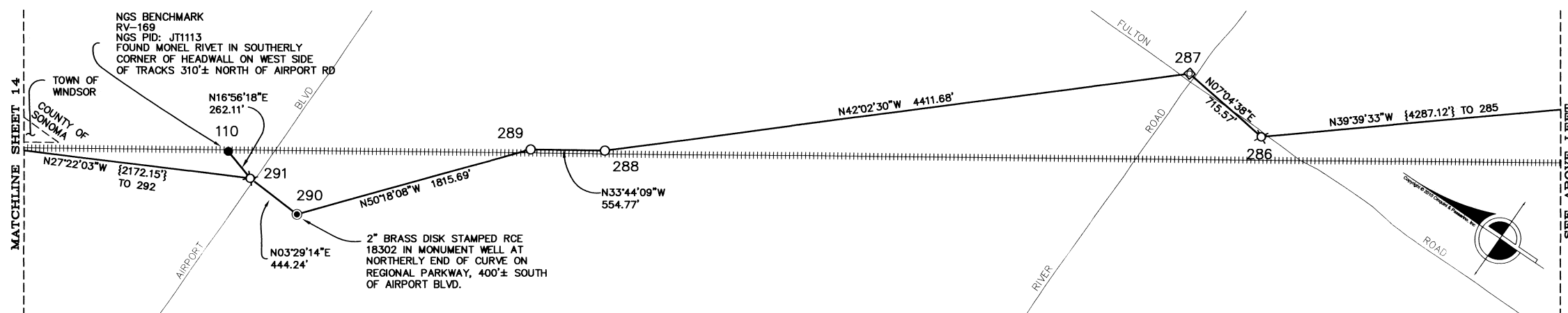
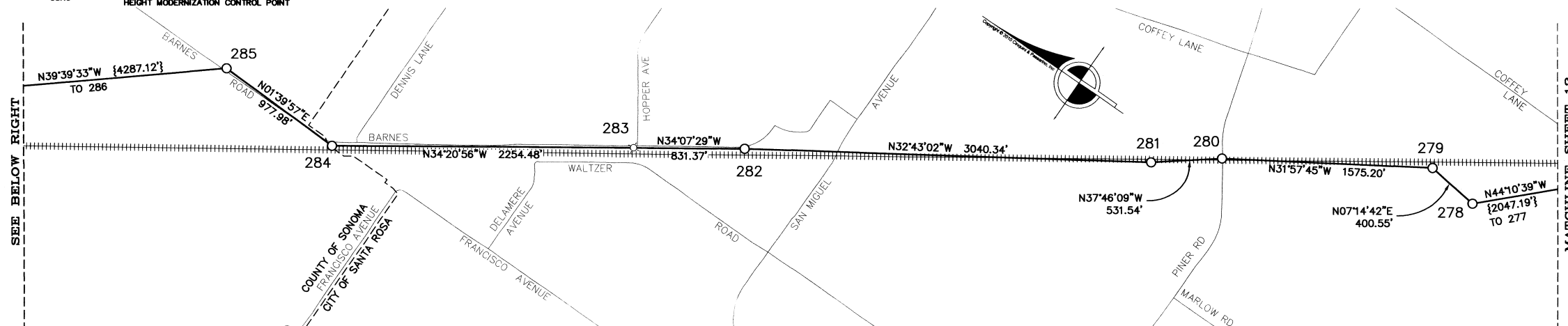
SHEET 12 OF 24
CPI FILE NO. 6167-09

LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT

**NOTES**

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
▲ TOPOGRAPHIC
▲ CONSTRUCTION
▲ SUBDIVISIONS
1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010

SCALE: 1" = 500'

SHEET 13 OF 24
CPI FILE NO. 6167-09

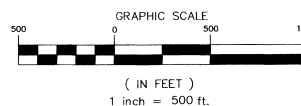
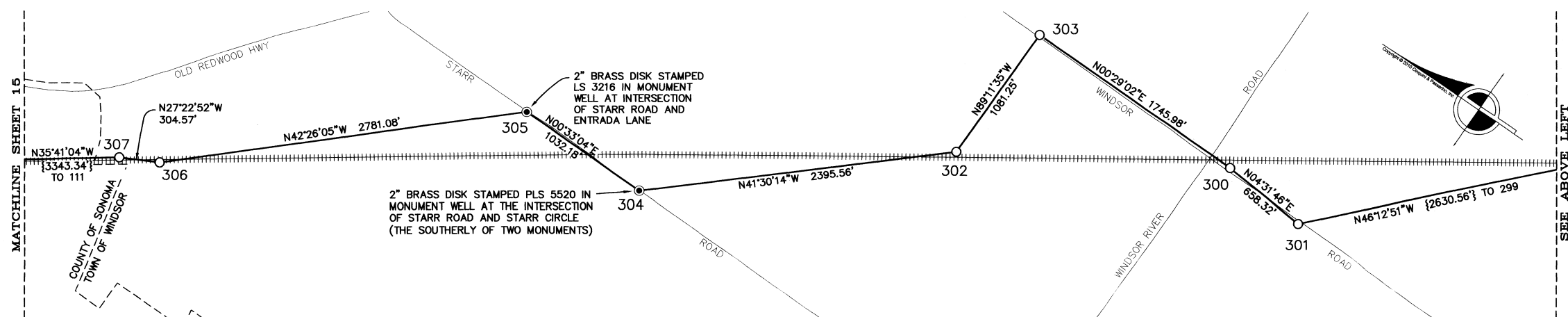
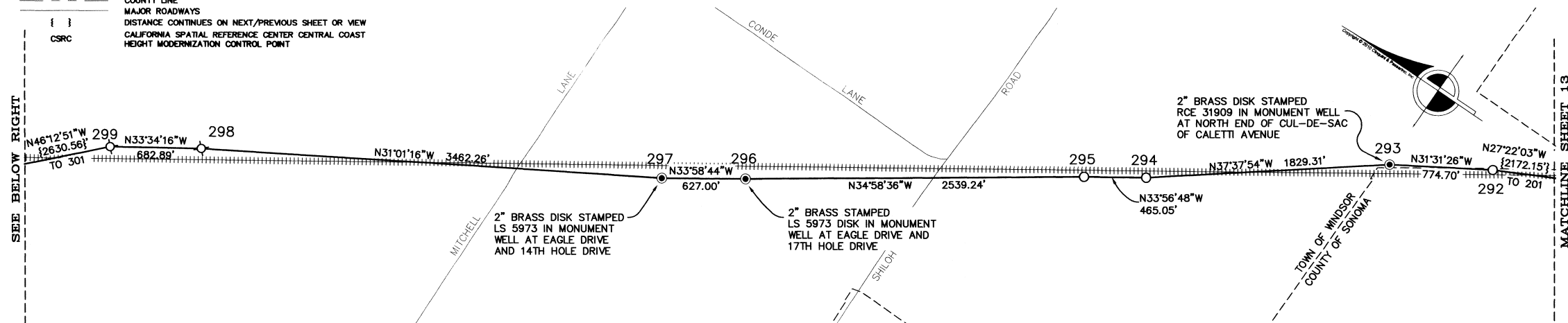
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ☆ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊠ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED
- ++++ RAILROAD TRACKS
- CITY LIMITS
- COUNTY LINE
- MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 14 OF 24
CPI FILE NO. 6167-09

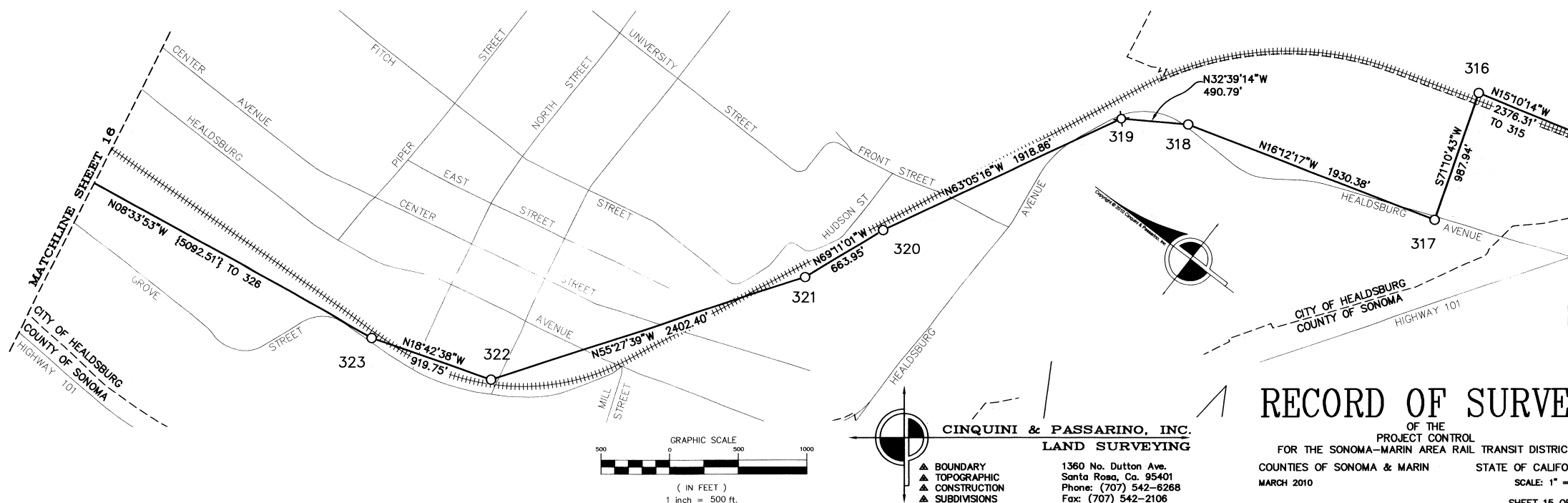
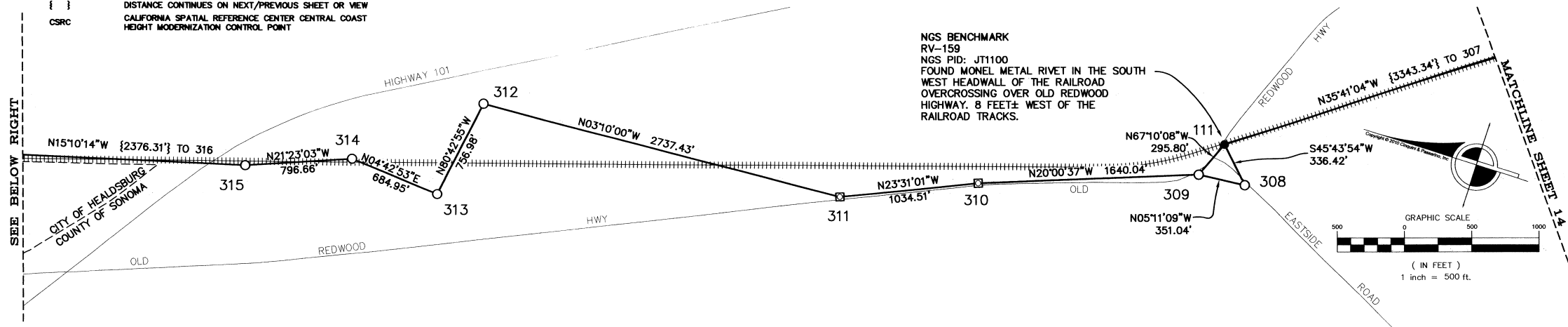
LEGEND

○	SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
⊙	SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
●	FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
⊕	SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
●	FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
●	FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
+++++	RAILROAD TRACKS
----	CITY LIMITS
----	COUNTY LINE
----	MAJOR ROADWAYS
{ }	DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
	CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT
CSRC	



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION
FACTOR TO CONVERT TO GROUND DISTANCES.



RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 15 OF 24
CPI FILE NO. 6167-09

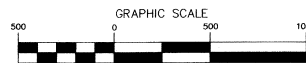
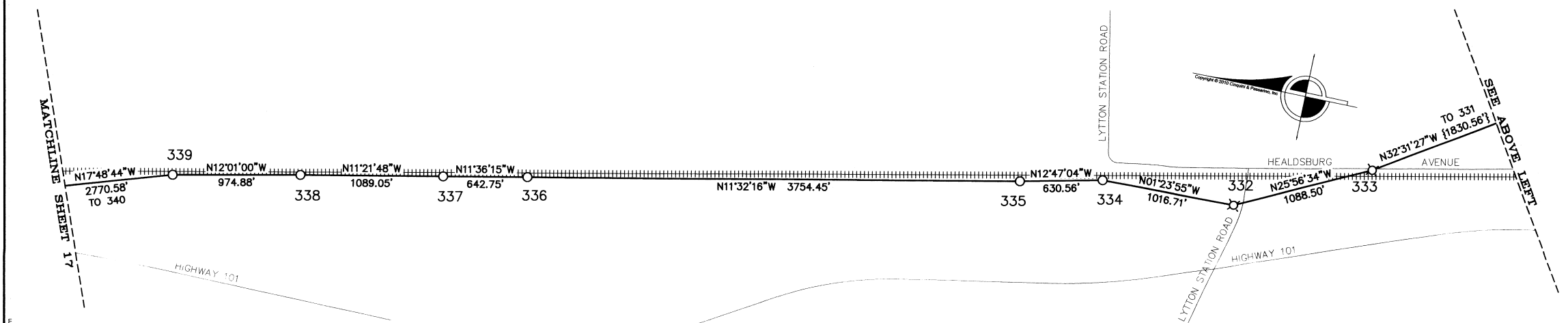
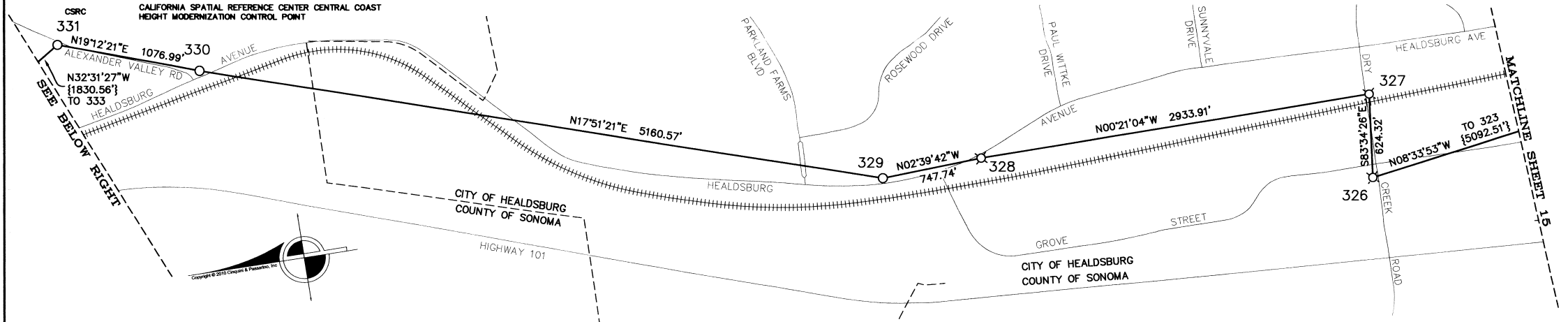
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED
- +++++ RAILROAD TRACKS
- - - - - CITY LIMITS
- - - - - COUNTY LINE
- - - - - MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- { } CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



(IN FEET)
1 inch = 500 ft.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 16 OF 24
CPI FILE NO. 6167-09

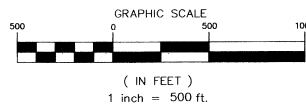
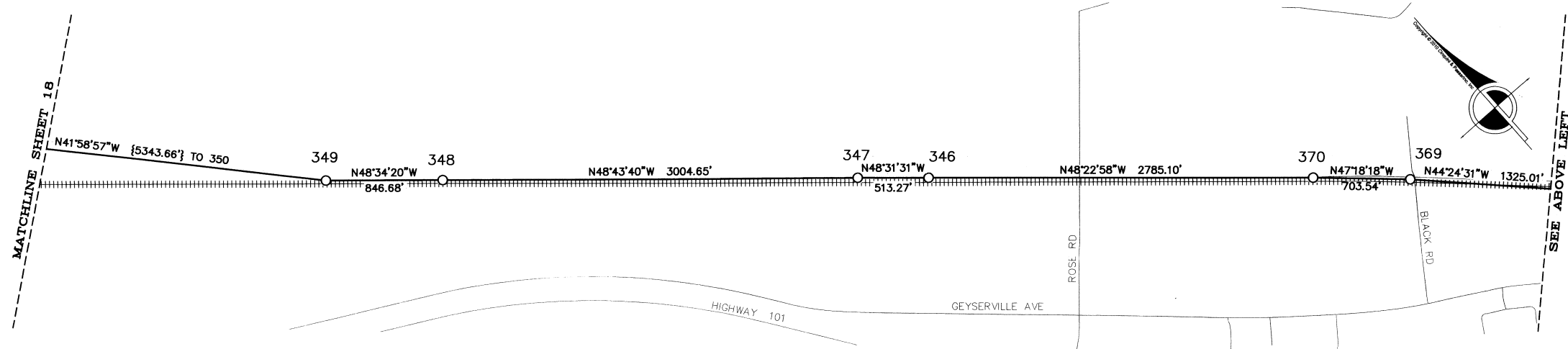
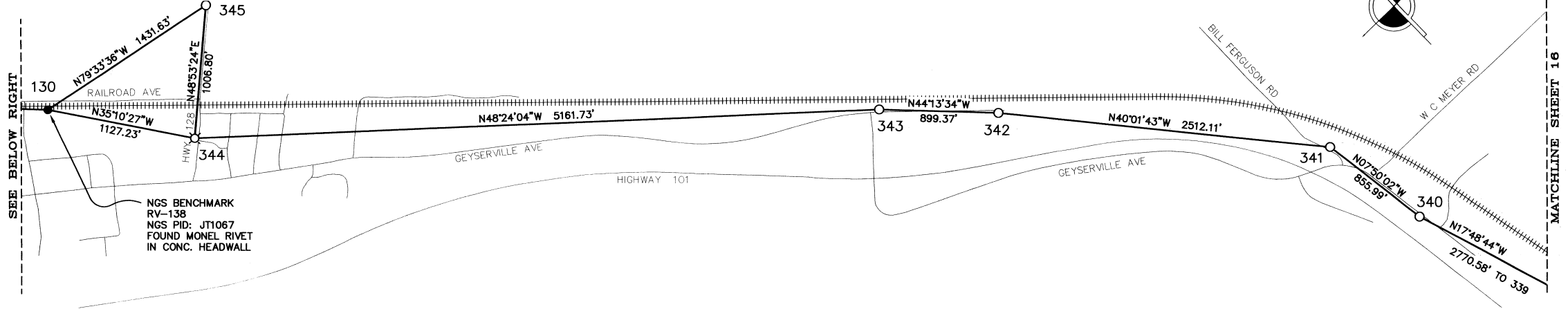
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ☆ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊠ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 17 OF 24
CPI FILE NO. 6167-09

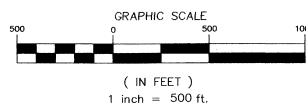
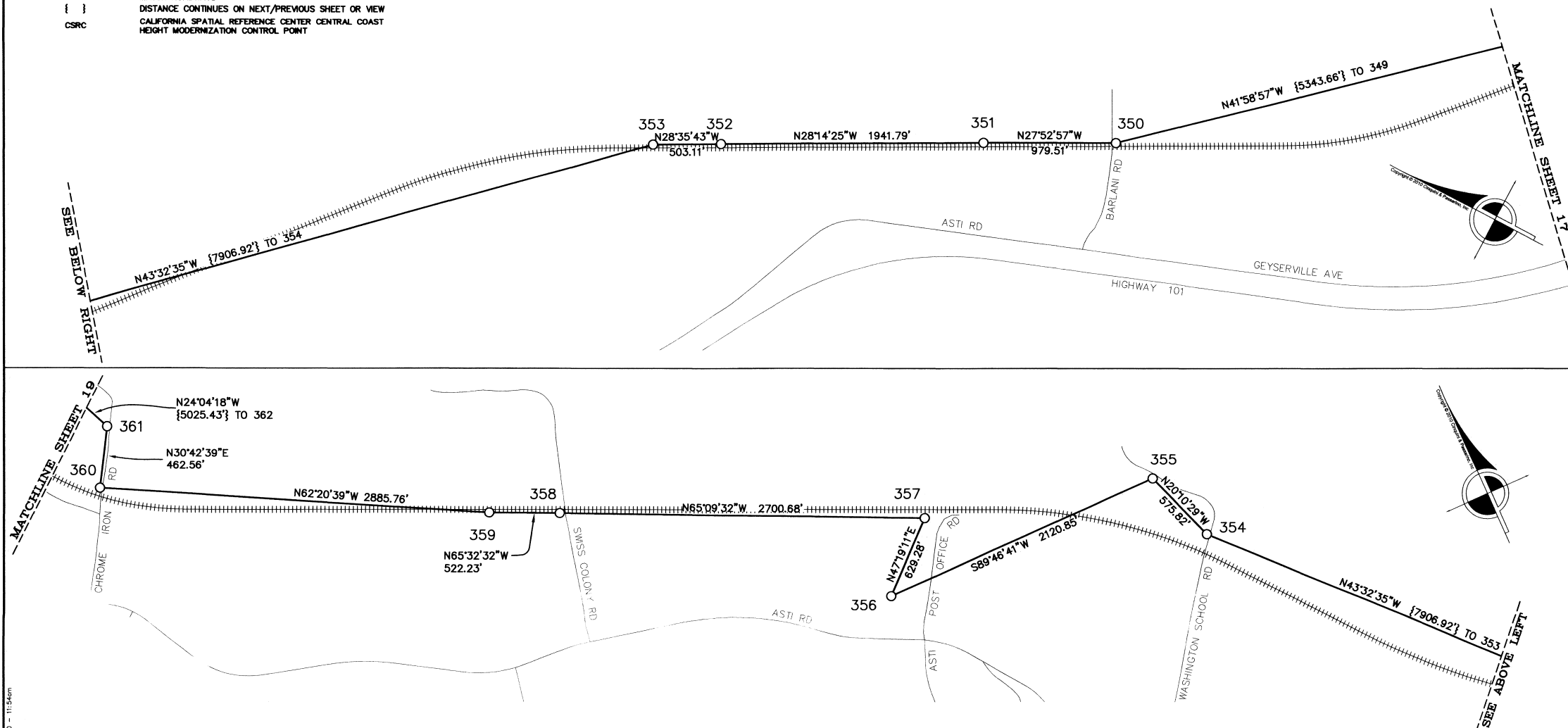
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊙ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST
- HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

- ▲ BOUNDARY
 - ▲ TOPOGRAPHIC
 - ▲ CONSTRUCTION
 - ▲ SUBDIVISIONS
- 1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 18 OF 24
CPI FILE NO. 6167-09

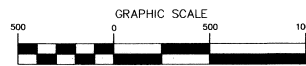
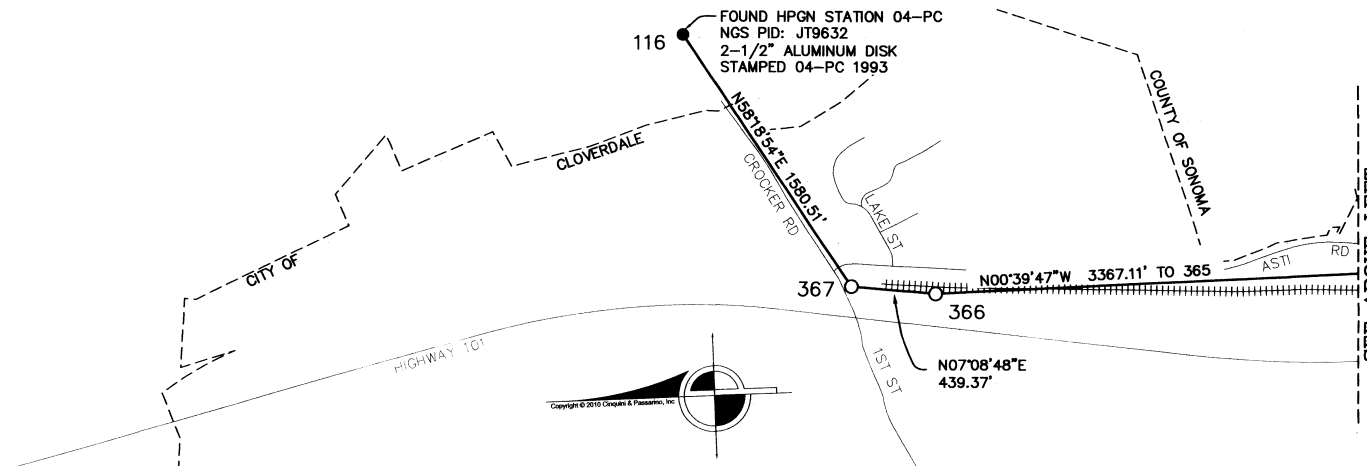
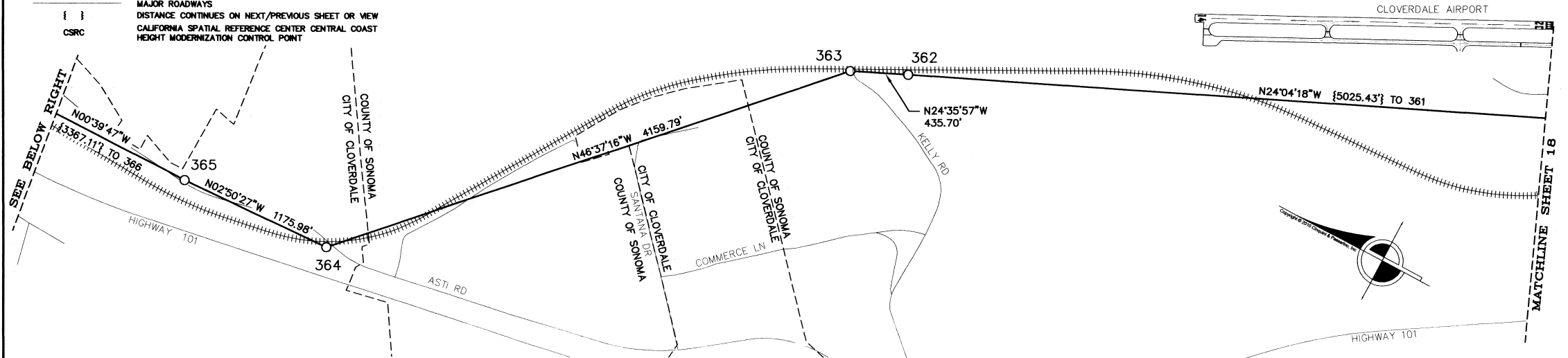
LEGEND

- SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- ⊗ SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE
- FOUND LIDAR CONTROL POINT, MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"
- ⊗ SET 3/4" IRON PIPE IN ASPHALT WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"
- FOUND BRASS DISK IN STANDARD MONUMENT WELL AS NOTED
- FOUND MONUMENT AS NOTED, SEE PAGES 20 THROUGH 24
- ++++ RAILROAD TRACKS
- CITY LIMITS
- - - COUNTY LINE
- == MAJOR ROADWAYS
- { } DISTANCE CONTINUES ON NEXT/PREVIOUS SHEET OR VIEW
- CSRC CALIFORNIA SPATIAL REFERENCE CENTER CENTRAL COAST HEIGHT MODERNIZATION CONTROL POINT



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
▲ TOPOGRAPHIC
▲ CONSTRUCTION
▲ SUBDIVISIONS
1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: 1" = 500'

SHEET 19 OF 24
CPI FILE NO. 6167-09

SONOMA-MARIN AREA RAIL TRANSIT PRIMARY CONTROL NETWORK

ID	NORTHING	EASTING	LATITUDE	LONGITUDE	ORTHOMETRIC ELEVATION	ELLIPSOID HEIGHT	COMBINATION FACTOR	CONVERGENCE ANGLE	DESCRIPTION
3	1761310.086	6405758.382	N37°59'50.38569"	W122°32'27.50623"	30.56	-74.85	1.0000966836	-0°20'28"	LIDAR Point
8	1828226.611	6388392.378	N38°10'50.75883"	W122°36'09.96924"	28.30	-75.71	1.0000416989	-0°22'48"	Mag Nail in AC
72	1787630.969	6406763.443	N38°04'10.61877"	W122°32'16.89842"	21.62	-83.38	1.0000742045	-0°20'21"	LIDAR Point
73	1792337.798	6404897.575	N38°04'57.03479"	W122°32'40.58123"	7.83	-97.05	1.0000709389	-0°20'36"	LIDAR Point
74	1784792.677	6408909.910	N38°03'42.68769"	W122°31'49.85259"	22.89	-82.16	1.0000765276	-0°20'04"	LIDAR Point
76	1774828.280	6411570.730	N38°02'04.34447"	W122°31'15.87193"	13.67	-91.58	1.0000855058	-0°19'43"	Aerial Panel
78	1745628.918	6415546.051	N37°57'15.94091"	W122°30'24.15541"	8.20	-97.56	1.0001120892	-0°19'10"	Aerial Panel
81	1747466.851	6414250.942	N37°57'34.03645"	W122°30'40.45216"	4.00	-101.71	1.0001105811	-0°19'20"	LIDAR Point
82	1742064.897	6413464.366	N37°56'40.59648"	W122°30'49.89083"	9.18	-96.63	1.0001153996	-0°19'26"	LIDAR Point
101	1786089.632	6406618.884	N38°03'55.37457"	W122°32'18.59173"	36.71	-68.28	1.0000747813	-0°20'22"	HPGN 04-JE (NGS PID JT9612) FOUND 2-1/2" ALUMINUM DISK STAMPED 04-JE 1993
102	1817256.283	6432961.500	N38°09'04.86433"	W122°26'51.14992"	13.98	-90.82	1.0000505656	-0°16'56"	M-139 (NGS PID JT9545) FOUND 2" ALUMINUM DISK STAMPED M 1393 1987
104	1857132.951	6372050.895	N38°15'35.37125"	W122°39'37.24233"	32.53	-71.02	1.0000208680	-0°24'59"	BM 624 - FOUND 3" BRASS DISK STAMPED S.C.W.A. 1999-624 IN SOUTHEASTERLY CONCRETE ISLAND AT SKILLMAN LN AND PETALUMA BLVD. NORTH
106	1910504.867	6319311.441	N38°24'18.62416"	W122°50'44.63800"	191.12	87.93	0.9999802896	-0°32'00"	HPGN 04-MD (NGS PID JT9624) FOUND 2-1/2" ALUMINUM DISK STAMPED 04-MD 1993
107	1929215.264	6369271.376	N38°27'27.69769"	W122°40'18.76950"	240.69	138.76	0.9999675033	-0°25'25"	ROSA (CSRC - CENCHM2007 LOCAL CONTROL POINT)
110	1949219.410	6336769.283	N38°30'42.85982"	W122°47'09.53787"	121.51	19.35	0.9999633777	-0°29'44"	RV-169 (NGS PID JT1113) FOUND MONEL RIVET IN CONCRETE HEADWALL
111	1971631.667	6321486.881	N38°34'23.04965"	W122°50'24.40889"	113.83	12.14	0.9999536999	-0°31'47"	RV-159 (NGS PID JT1100) FOUND MONEL RIVET IN CONCRETE HEADWALL
113	1991099.713	6310233.531	N38°37'34.43405"	W122°52'48.47958"	151.63	50.34	0.9999440816	-0°33'18"	HPGN 04-ND (NGS PID 9629) FOUND 2-1/2" ALUMINUM DISK STAMPED 04-ND 1993
115	2034785.282	6288343.514	N38°44'44.06310"	W122°57'30.11620"	280.65	180.22	0.9999234870	-0°36'15"	Z-1397 (NGS PID JT9428) FOUND 1/2" STEEL ROD IN HPGN MONUMENT WELL
116	2058129.288	6274750.243	N38°48'33.35516"	W123°00'24.95307"	308.73	208.81	0.9999161988	-0°38'05"	HPGN 04-PC (NGS PID JT9632) FOUND 2-1/2" ALUMINUM DISK STAMPED 04-PC 1993
117	2047628.118	6274171.139	N38°46'49.49282"	W123°00'30.79664"	333.03	232.74	0.9999175886	-0°38'09"	C-1398 (NGS PID JT9425) FOUND 3" BRASS DISK IN MON. WELL STAMPED C 1398 1987
118	2070070.111	6258945.065	N38°50'29.60442"	W123°03'46.38514"	836.30	736.56	0.9998884800	-0°40'12"	L-1398 (NGS PID JT9416) FOUND 3" BRASS DISK IN CONCRETE STAMPED L 1398 1988
120	1730920.118	6452964.959	N37°54'52.34805"	W122°22'36.26650"	344.75	238.76	1.0001098444	-0°14'15"	P181 - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
121	2005323.054	6287768.048	N38°39'52.78004"	W122°57'33.45415"	584.77	483.63	0.9999182994	-0°36'17"	P195 - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
122	1871268.253	6348538.575	N38°17'53.30252"	W122°44'33.45566"	402.34	298.84	0.9999939032	-0°28'06"	P196 - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
123	1918821.128	6341838.363	N38°25'42.80524"	W122°46'02.53515"	104.71	1.86	0.9999796818	-0°29'02"	P197 - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
124	1857043.367	6387243.650	N38°15'35.53326"	W122°36'26.76682"	90.16	-13.36	1.0001018104	-0°22'59"	P198 - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
125	2078558.348	6300586.372	N38°51'57.98996"	W122°55'01.16233"	3140.58	3042.32	0.9997767487	-0°34'41"	P203 - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
126	1774339.974	6410061.677	N38°01'59.43174"	W122°31'34.69603"	16.64	-88.59	1.0000857949	-0°19'55"	SVIN - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
127	1966371.737	6373395.375	N38°33'35.28636"	W122°39'30.30924"	1248.78	1148.14	0.9999015669	-0°24'54"	P201 - CONTINUOUSLY OPERATING REFERENCE STATION (CORS)
130	2021556.108	6303248.478	N38°42'34.80846"	W122°54'20.32187"	210.46	109.91	0.9999307217	-0°34'16"	RV-138 (NGS PID JT1067) FOUND MONEL RIVET IN CONCRETE HEADWALL
131	1899359.770	6355640.490	N38°22'31.54760"	W122°43'07.16029"	96.29	-6.76	0.9999910438	-0°27'11"	RV-182 (NGS PID JT0735) FOUND MONEL RIVET IN CONCRETE HEADWALL
132	1889342.385	6356845.243	N38°20'52.62080"	W122°42'51.04377"	100.29	-2.92	0.9999968573	-0°27'01"	HPGN 04-LE (NGS PID JT9619) FOUND 2-1/2" ALUMINUM DISK STAMPED 04-LE 1993
133	1870345.826	6370416.831	N38°17'45.86100"	W122°39'58.94275"	67.75	-35.60	1.0000103561	-0°25'12"	PENNGROVE (CSRC - CENCHM2007 LOCAL CONTROL POINT)
134	1847610.726	6382956.388	N38°14'02.00593"	W122°37'19.70562"	11.42	-92.27	1.0000284356	-0°23'32"	CAULFIELD (CSRC - CENCHM2007 LOCAL CONTROL POINT)
135	1806001.603	6398710.472	N38°07'11.72470"	W122°33'59.02124"	11.18	-93.35	1.0000596755	-0°21'26"	NOVATO RED (CSRC - CENCHM2007 LOCAL CONTROL POINT)
151	1742957.606	6413827.864	N37°56'49.44084"	W122°30'45.41653"	19.85	-85.94	1.0001140469	-0°19'23"	Set 2" Disk
152	1744017.852	6414406.054	N37°56'59.95310"	W122°30'38.27371"	63.08	-42.61	1.0001109802	-0°19'19"	Set 2" Disk in Concrete
153	1745235.679	6415367.037	N37°57'12.04403"	W122°30'26.36276"	50.23	-55.44	1.0001104472	-0°19'11"	Set 2" Disk
154	1746529.783	6415157.608	N37°57'24.82417"	W122°30'29.06747"	32.84	-72.86	1.0001100717	-0°19'13"	Set 2" Disk
155	1749099.045	6412829.955	N37°57'50.09065"	W122°30'58.30823"	3.44	-102.24	1.0001090985	-0°19'32"	Set 2" Disk in Concrete
156	1750032.779	6412011.100	N37°57'59.27414"	W122°31'08.59844"	3.01	-102.76	1.0001082634	-0°19'38"	Set 2" Disk in Concrete
157	1751974.969	6410565.850	N37°58'18.38996"	W122°31'26.78328"	8.83	-96.75	1.0001061935	-0°19'50"	Set 2" Disk in Concrete
158	1753475.197	6410916.824	N37°58'33.23913"	W122°31'22.50859"	33.83	-71.73	1.0001036196	-0°19'47"	Set 2" Disk
159	1755819.343	6410675.098	N37°58'56.39638"	W122°31'25.69582"	90.64	-14.88	1.0000987650	-0°19'49"	Set 2" Disk in Concrete
160	1757523.132	6409877.554	N37°59'13.19215"	W122°31'35.77923"	131.66	26.20	1.0000952587	-0°19'55"	Set 2" Disk in Concrete
161	1759524.937	6407934.741	N37°59'32.86729"	W122°32'00.19030"	77.43	-27.94	1.0000960410	-0°20'11"	Set 2" Disk with Concrete Sleeve
162	1759740.737	6406187.899	N37°59'34.89847"	W122°32'22.02474"	46.82	-58.53	1.0000973160	-0°20'24"	Set 2" Disk with Concrete Sleeve
163	1762946.656	6406980.599	N38°00'06.63426"	W122°32'12.36017"	11.21	-94.10	1.0000961277	-0°20'18"	Set 2" Disk in Concrete
164	1764047.293	6408008.181	N38°00'17.57348"	W122°31'59.60445"	9.44	-95.89	1.0000952238	-0°20'10"	Set 2" Disk
165	1765717.756	6409280.794	N38°00'34.15896"	W122°31'43.82791"	10.56	-94.77	1.0000936754	-0°20'00"	Set 2" Disk in Concrete



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.

ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.

POINTS 3 THROUGH 82 ARE HORIZONTAL AND VERTICAL CONTROL SET IN APRIL 2008, FOR THE LIDAR AERIAL MAPPING PHASE OF THIS PROJECT AND USED AS QUALITY CONTROL IN THIS NETWORK.

POINTS 120 THROUGH 127 ARE CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) TIED TO THIS NETWORK.

POINTS 101, 102, 106, 107, 110, 113, 116, 117, AND 120 THROUGH 125 WERE HELD FOR HORIZONTAL AND VERTICAL CONTROL OF THIS PROJECT. POINTS 8, 111, 115, 130, 133 AND 134 WERE HELD ONLY FOR VERTICAL CONTROL OF THIS PROJECT.

ALL ELEVATIONS WERE DERIVED FROM DIFFERENTIAL LEVEL LOOPS, WHICH ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

FOR MORE DETAILED INFORMATION ON THE PROJECT CONTROL SEE THE REPORT PREPARED BY CINQUINI & PASSARINO, INC. ENTITLED "PRIMARY CONTROL NETWORK" DATED FEBRUARY 12, 2010.

LEGEND



SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"

SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE

LIDAR Point

FOUND MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"

AERIAL PANEL

FOUND MAG NAIL AND WASHER STAMPED "CINQUINI & PASSARINO CONTROL"

CSRC

CALIFORNIA SPATIAL REFERENCE CENTER

CENCHM

CENTRAL COAST HEIGHT MODERNIZATION PROJECT 2007-2008

ROSA

FOUND 3" ALUMINUM DISK STAMPED "NATIONAL SPATIAL OBSERVATION STATION-US COAST & GEODETIC NOAA, ROSA-2007"

PENNGROVE

FOUND 3" ALUMINUM DISK STAMPED "NATIONAL SPATIAL OBSERVATION STATION-US COAST & GEODETIC NOAA, PENN-2007"

CAULFIELD

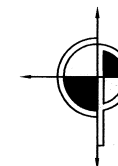
FOUND 3" ALUMINUM DISK STAMPED "NATIONAL SPATIAL OBSERVATION STATION-US COAST & GEODETIC NOAA, CAUL-2007"

NOVATO RED

FOUND 3" ALUMINUM DISK STAMPED "NATIONAL SPATIAL OBSERVATION STATION-US COAST & GEODETIC NOAA, NVRD-2007"

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: NONE



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
▲ TOPOGRAPHIC
▲ CONSTRUCTION
▲ SUBDIVISIONS
1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

SONOMA-MARIN AREA RAIL TRANSIT PRIMARY CONTROL NETWORK

ID	NORTHING	EASTING	LATITUDE	LONGITUDE	ORTHOMETRIC ELEVATION	ELLIPSOID HEIGHT	COMBINATION FACTOR	CONVERGENCE ANGLE	DESCRIPTION
167	1769953.174	6410389.402	N38°01'16.0882"	W122°31'30.28359"	23.31	-81.98	1.0000893142	-0°19'52"	Set 2" Disk
168	1771305.901	6410663.826	N38°01'29.47523"	W122°31'26.95210"	9.87	-95.41	1.0000887662	-0°19'50"	Set 2" Disk with Concrete Sleeve
169	1776628.923	6412076.550	N38°02'22.17194"	W122°31'09.67902"	10.58	-94.68	1.0000840913	-0°19'39"	Set 2" Disk
170	1777792.205	6412394.046	N38°02'33.68858"	W122°31'05.79374"	0.37	-104.89	1.0000835730	-0°19'36"	Set 2" Disk with Concrete Sleeve
171	1779972.372	6411972.743	N38°02'55.21517"	W122°31'11.21545"	24.58	-80.61	1.0000805430	-0°19'40"	Set 2" Disk with Concrete Sleeve
172	1781646.492	6411778.388	N38°03'11.75241"	W122°31'13.76475"	16.14	-89.00	1.0000795130	-0°19'41"	Set 2" Disk in Concrete
173	1785286.109	6408414.514	N38°03'47.53652"	W122°31'56.08230"	20.37	-84.72	1.0000762350	-0°20'08"	Set 2" Disk in Concrete
174	1786284.864	6407365.926	N38°03'57.34804"	W122°32'09.26593"	22.44	-82.60	1.0000752964	-0°20'16"	Set 2" Disk with Concrete Sleeve
175	1789473.121	6405983.074	N38°04'28.78220"	W122°32'26.79294"	12.17	-92.81	1.0000731155	-0°20'27"	Set 2" Disk with Concrete Sleeve
176	1790781.391	6405439.849	N38°04'41.68184"	W122°32'33.68348"	8.36	-96.61	1.0000722084	-0°20'32"	Set 2" Disk in Concrete
201	1793992.354	6403571.828	N38°05'13.31084"	W122°32'57.28604"	10.82	-94.10	1.0000694364	-0°20'47"	Found 2" Brass Disk in Monument Well Stamped RCE 24880
202	1795058.257	6402870.687	N38°05'23.80506"	W122°33'06.13574"	11.63	-93.27	1.0000685216	-0°20'52"	Set 2" Disk in Asphalt
203	1797638.385	6401241.662	N38°05'49.21083"	W122°33'26.70817"	12.54	-92.28	1.0000663670	-0°21'05"	Set 2" Disk on Iron Pipe
204	1798637.368	6400594.071	N38°05'59.04625"	W122°33'34.88545"	12.24	-92.55	1.0000655677	-0°21'10"	Set 2" Disk in Concrete Slab
205	1801200.919	6398937.040	N38°06'24.28503"	W122°33'55.81257"	16.89	-87.84	1.0000632698	-0°21'24"	Set 2" Disk in Concrete Sidewalk
206	1801352.686	6398335.554	N38°06'25.74811"	W122°34'03.34906"	17.71	-87.03	1.0000631111	-0°21'28"	Set 2" Disk in Asphalt
207	1803802.433	6398366.887	N38°06'49.96523"	W122°34'03.14847"	13.20	-91.48	1.0000613489	-0°21'28"	Set 2" Disk in Concrete Sidewalk
208	1804572.242	6398529.703	N38°06'57.58465"	W122°34'01.17153"	13.11	-91.53	1.0000607329	-0°21'27"	Set 2" Disk in Concrete Sidewalk
209	1805466.942	6398591.436	N38°07'06.43235"	W122°34'00.46896"	36.17	-68.47	1.0000589159	-0°21'26"	Set 2" Disk on Iron Pipe
210	1806534.887	6398760.046	N38°07'16.99915"	W122°33'58.44253"	11.75	-92.89	1.0000592279	-0°21'25"	Set 2" Disk on Iron Pipe
211	1808707.460	6399503.259	N38°07'38.52029"	W122°33'49.31161"	6.52	-98.04	1.0000577438	-0°21'19"	Set 2" Disk on Iron Pipe
212	1810134.277	6399980.190	N38°07'52.65331"	W122°33'43.45387"	7.54	-97.04	1.0000565656	-0°21'16"	Set 2" Disk on Iron Pipe
213	1815201.421	6399326.333	N38°08'42.70107"	W122°33'52.03033"	15.49	-88.91	1.0000522119	-0°21'21"	Set 2" Disk on Iron Pipe
214	1813653.374	6399503.232	N38°08'27.40974"	W122°33'49.69591"	10.32	-94.14	1.0000536671	-0°21'20"	Set 2" Disk on Iron Pipe
215	1819374.805	6401190.064	N38°09'24.06807"	W122°33'29.02320"	5.99	-98.36	1.0000494292	-0°21'07"	Set 2" Disk on Iron Pipe
216	1819217.126	6399275.901	N38°09'22.39255"	W122°33'52.97393"	11.97	-92.38	1.0000492739	-0°21'22"	Set 2" Disk on Iron Pipe
217	1821412.260	6396971.753	N38°09'43.94856"	W122°34'21.99205"	24.87	-79.43	1.0000469856	-0°21'40"	Set 2" Disk on Iron Pipe
218	1822054.013	6398363.421	N38°09'50.37853"	W122°34'04.61894"	11.97	-92.37	1.0000471070	-0°21'29"	Set 2" Disk on Iron Pipe
219	1830014.882	6394956.217	N38°11'08.85784"	W122°34'47.91339"	8.40	-95.78	1.0000412906	-0°21'56"	Set 2" Disk on Iron Pipe
220	1831139.051	6394367.110	N38°11'19.93286"	W122°34'55.38144"	11.50	-92.67	1.0000403099	-0°22'01"	Set 2" Disk on Iron Pipe
221	1838968.804	6392175.611	N38°12'37.18928"	W122°35'23.46510"	6.87	-97.15	1.0000347968	-0°22'19"	Set 2" Disk on Iron Pipe
222	1839676.568	6391413.777	N38°12'44.13646"	W122°35'33.06726"	9.97	-94.08	1.0000341421	-0°22'25"	Set 2" Disk on Iron Pipe
223	1842756.375	6387442.745	N38°13'14.32104"	W122°36'23.07561"	27.40	-76.60	1.0000311127	-0°22'56"	Set 2" Disk in Concrete
224	1844213.849	6385874.722	N38°13'28.62409"	W122°36'42.84575"	19.61	-84.35	1.0000304499	-0°23'09"	Set 2" Disk in Concrete
226	1845234.676	6385354.188	N38°13'38.68014"	W122°36'49.45476"	32.83	-71.14	1.0000290961	-0°23'13"	Set 2" Disk on Iron Pipe
227	1847238.012	6384501.101	N38°13'58.42578"	W122°37'00.31523"	15.88	-88.00	1.0000284872	-0°23'20"	Set 2" Disk on Iron Pipe
228	1847735.981	6382027.837	N38°14'03.18106"	W122°37'31.35322"	11.16	-92.75	1.0000283747	-0°23'39"	Set 2" Disk in Concrete
229	1848137.221	6380371.307	N38°14'07.03407"	W122°37'52.14821"	14.37	-89.56	1.0000279481	-0°23'53"	Set 2" Disk on Iron Pipe
230	1849038.893	6379030.682	N38°14'15.85460"	W122°38'09.02858"	15.98	-87.93	1.0000272438	-0°24'03"	Set 2" Disk in Concrete
231	1851276.086	6377156.504	N38°14'37.83866"	W122°38'32.71562"	16.89	-86.99	1.0000256446	-0°24'18"	Set 2" Disk on Iron Pipe
232	1852158.130	6377089.162	N38°14'46.55284"	W122°38'33.63786"	18.67	-85.20	1.0000249462	-0°24'19"	Set 2" Disk on Iron Pipe
234	1855502.109	6376855.357	N38°15'19.59130"	W122°38'36.86530"	28.68	-75.18	1.0000221597	-0°24'21"	Set 2" Disk on Iron Pipe
235	1856244.957	6376499.271	N38°15'26.90931"	W122°38'41.39525"	29.26	-74.60	1.0000216242	-0°24'24"	Set 2" Disk on Iron Pipe
236	1857437.152	6375468.616	N38°15'38.62152"	W122°38'54.42251"	32.12	-71.71	1.0000206765	-0°24'32"	Set 2" Disk on Iron Pipe
237	1858289.165	6374837.231	N38°15'46.99895"	W122°39'02.41459"	32.80	-71.03	1.0000200663	-0°24'37"	Set 2" Disk in Concrete Sidewalk
238	1859095.765	6373853.990	N38°15'54.90231"	W122°39'14.81456"	31.52	-72.32	1.0000195843	-0°24'45"	Set 2" Disk in Concrete
239	1859619.294	6373140.097	N38°16'00.02645"	W122°39'23.81253"	32.87	-70.99	1.0000191693	-0°24'50"	Set 2" Disk on Iron Pipe
240	1864839.836	6370713.473	N38°16'51.45642"	W122°39'54.71643"	46.09	-57.67	1.0000150393	-0°25'10"	Set 2" Disk on Iron Pipe
241	1865433.905	6370807.812	N38°16'57.33554"	W122°39'53.58789"	49.37	-54.36	1.0000144858	-0°25'09"	Set 2" Disk on Iron Pipe
242	1870115.186	6370348.462	N38°17'43.57620"	W122°39'59.77909"	67.87	-35.76	1.0000105146	-0°25'13"	Set 2" Disk on Iron Pipe
243	1870775.099	6370454.356	N38°17'50.10704"	W122°39'58.51154"	77.81	-25.81	1.0000096084	-0°25'12"	Set 2" Disk on Iron Pipe
244	1871727.330	6369015.089	N38°17'59.41504"	W122°40'16.65287"	77.41	-26.16	1.0000090120	-0°25'24"	Set 2" Disk on Iron Pipe



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION
FACTOR TO CONVERT TO GROUND DISTANCES.

LEGEND

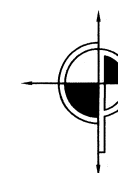


SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED
"SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"

SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA
RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: NONE



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY
▲ TOPOGRAPHIC
▲ CONSTRUCTION
▲ SUBDIVISIONS

1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6268
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

SONOMA-MARIN AREA RAIL TRANSIT PRIMARY CONTROL NETWORK

ID	NORTHING	EASTING	LATITUDE	LONGITUDE	ORTHOMETRIC ELEVATION	ELLIPSOID HEIGHT	COMBINATION FACTOR	CONVERGENCE ANGLE	DESCRIPTION
245	1871692.887	6368374.812	N38°17'59.02774"	W122°40'24.68111"	95.61	-7.98	1.0000081695	-0°25'29"	Set 2" Disk on Iron Pipe
246	1877046.063	6367200.427	N38°18'51.85698"	W122°40'39.91301"	119.97	16.41	1.0000035626	-0°25'38"	Set 2" Disk on Iron Pipe
247	1876942.138	6366221.842	N38°18'50.75737"	W122°40'52.18081"	118.82	15.28	1.0000036873	-0°25'46"	Set 2" Disk on Iron Pipe
248	1879206.752	6365384.237	N38°19'13.08062"	W122°41'02.90346"	120.74	17.17	1.0000021613	-0°25'53"	Set 2" Disk on Iron Pipe
249	1880151.098	6364963.709	N38°19'22.38405"	W122°41'08.26934"	120.83	17.23	1.0000015631	-0°25'56"	Set 2" Disk on Iron Pipe
250	1881704.969	6363764.956	N38°19'37.65422"	W122°41'23.45897"	117.07	13.50	1.0000007690	-0°26'06"	Set 2" Disk in Concrete
251	1882573.435	6363346.921	N38°19'46.20750"	W122°41'28.78757"	114.98	11.42	1.0000003257	-0°26'09"	Set 2" Disk in Concrete
252	1886858.078	6361709.762	N38°20'28.43710"	W122°41'49.74456"	112.05	8.55	0.9999978103	-0°26'22"	Set 2" Disk in Concrete
253	1887947.341	6361096.664	N38°20'39.15777"	W122°41'57.54471"	104.84	1.34	0.9999974876	-0°26'27"	Set 2" Disk in Concrete
254	1889441.829	6360471.873	N38°20'53.88302"	W122°42'05.53155"	108.02	4.56	0.9999964225	-0°26'32"	Set 2" Disk on Iron Pipe
255	1890183.727	6360031.074	N38°21'01.18294"	W122°42'11.13659"	104.89	1.40	0.9999961232	-0°26'36"	Set 2" Disk on Iron Pipe
256	1895019.626	6357945.279	N38°21'48.82490"	W122°42'37.79315"	99.75	-3.63	0.9999934560	-0°26'53"	Set 2" Disk in Concrete
257	1895699.398	6357655.087	N38°21'55.52193"	W122°42'41.50329"	97.77	-5.61	0.9999931462	-0°26'55"	Set 2" Disk on Iron Pipe
258	1896105.384	6357154.864	N38°21'59.49630"	W122°42'47.82367"	96.49	-6.90	0.9999929684	-0°26'59"	Set 2" Disk in Concrete
259	1897022.205	6356729.460	N38°22'08.52593"	W122°42'53.25531"	97.69	-5.70	0.9999923682	-0°27'02"	Set 2" Disk in Concrete
260	1899680.587	6355411.559	N38°22'34.70094"	W122°43'10.06685"	97.63	-5.72	0.9999908065	-0°27'13"	Set 2" Disk on Iron Pipe
261	1899648.255	6356258.236	N38°22'34.44746"	W122°42'59.43187"	97.53	-5.80	0.9999908255	-0°27'06"	Set 2" Disk on Iron Pipe
262	1903710.098	6355012.420	N38°23'14.50094"	W122°43'15.48028"	103.24	-0.02	0.9999881891	-0°27'16"	Set 2" Disk on Iron Pipe
263	1904654.904	6355011.363	N38°23'23.84016"	W122°43'15.58770"	103.13	-0.10	0.9999876476	-0°27'16"	Set 2" Disk on Iron Pipe
264	1906265.202	6354800.539	N38°23'39.74124"	W122°43'18.39617"	108.78	5.58	0.9999864529	-0°27'18"	Set 2" Disk on Iron Pipe
265	1906330.528	6355484.227	N38°23'40.44056"	W122°43'09.81538"	108.83	5.65	0.9999864095	-0°27'13"	Set 2" Disk on Iron Pipe
266	1909001.946	6355091.234	N38°24'06.81647"	W122°43'15.01763"	118.17	15.02	0.9999844439	-0°27'16"	Set 2" Disk on Iron Pipe
267	1909737.494	6355102.188	N38°24'14.08815"	W122°43'14.95332"	119.02	15.89	0.9999839864	-0°27'16"	Set 2" Disk in Concrete
268	1913514.887	6354942.477	N38°24'51.41477"	W122°43'17.33632"	133.70	30.65	0.9999811669	-0°27'18"	Set 2" Disk on Iron Pipe
269	1914056.969	6354950.302	N38°24'56.77380"	W122°43'17.29208"	134.56	31.50	0.9999808254	-0°27'18"	Set 2" Disk on Iron Pipe
270	1919759.983	6355012.627	N38°25'53.15243"	W122°43'17.07783"	152.27	49.40	0.9999768450	-0°27'17"	Set 2" Disk on Iron Pipe
271	1920299.685	6355008.488	N38°25'58.48701"	W122°43'17.18369"	155.22	52.35	0.9999764119	-0°27'17"	Set 2" Disk on Iron Pipe
272	1922268.880	6354713.459	N38°26'17.92915"	W122°43'21.08808"	153.69	50.89	0.9999754233	-0°27'20"	Set 2" Disk on Iron Pipe
273	1922161.181	6354514.761	N38°26'16.84893"	W122°43'23.57452"	152.80	49.98	0.9999755254	-0°27'21"	Set 2" Disk on Iron Pipe
274	1924015.602	6353887.552	N38°26'35.13029"	W122°43'31.64328"	147.13	44.35	0.9999748060	-0°27'27"	Set 2" Disk on Iron Pipe
275	1925076.296	6353018.501	N38°26'45.54642"	W122°43'42.67307"	146.97	44.19	0.9999742542	-0°27'34"	Set 2" Disk on Iron Pipe
276	1929315.243	6350336.403	N38°27'27.23406"	W122°44'16.81782"	130.28	27.59	0.9999728331	-0°27'55"	Set 2" Disk on Iron Pipe
277	1929909.977	6349862.198	N38°27'33.07483"	W122°44'22.84006"	130.61	27.91	0.9999725110	-0°27'59"	Set 2" Disk on Iron Pipe
278	1931378.189	6348435.551	N38°27'47.47278"	W122°44'40.92656"	127.85	25.17	0.9999718885	-0°28'10"	Set 2" Disk on Iron Pipe
279	1931775.536	6348486.065	N38°27'51.40460"	W122°44'40.33240"	127.16	24.49	0.9999717160	-0°28'10"	Set 2" Disk on Iron Pipe
280	1933111.926	6347652.216	N38°28'04.54701"	W122°44'50.95417"	132.36	29.70	0.9999707853	-0°28'17"	Set 2" Disk on Iron Pipe
281	1933532.098	6347326.660	N38°28'08.67387"	W122°44'55.09094"	131.03	28.36	0.9999706361	-0°28'19"	Set 2" Disk on Iron Pipe
282	1936090.081	6345683.378	N38°28'33.82491"	W122°45'16.01948"	137.94	35.36	0.9999690101	-0°28'32"	Set 2" Disk on Iron Pipe
283	1936778.300	6345216.985	N38°28'40.58955"	W122°45'21.95617"	139.39	36.72	0.9999686002	-0°28'36"	Set 2" Disk in Concrete
284	1938639.640	6343944.935	N38°28'58.88375"	W122°45'38.14794"	141.38	38.75	0.9999675759	-0°28'46"	Set 2" Disk on Iron Pipe
285	1939617.206	6343973.365	N38°29'08.54922"	W122°45'37.89331"	141.93	39.33	0.9999670613	-0°28'46"	Set 2" Disk on Iron Pipe
286	1942917.671	6341237.243	N38°29'40.94613"	W122°46'12.65520"	138.03	35.47	0.9999656295	-0°29'08"	Set 2" Disk in Concrete
287	1943627.791	6341325.408	N38°29'47.97296"	W122°46'11.62196"	137.81	35.26	0.9999652922	-0°29'07"	Set 2" Disk in Asphalt
288	1946904.151	6338371.030	N38°30'20.11026"	W122°46'49.13644"	128.40	25.89	0.9999641653	-0°29'31"	Set 2" Disk on Iron Pipe
289	1947365.500	6338062.933	N38°30'24.64446"	W122°46'53.06212"	131.44	28.95	0.9999637994	-0°29'34"	Set 2" Disk on Iron Pipe
290	1948525.249	6336665.898	N38°30'35.98930"	W122°47'10.76298"	123.80	21.26	0.9999636175	-0°29'45"	Found 2" Brass Disk in Monument Well Stamped RCE 18302
291	1948968.671	6336692.919	N38°30'40.37477"	W122°47'10.47131"	124.28	21.76	0.9999633823	-0°29'45"	Set 2" Disk in Concrete
292	1950897.705	6335694.388	N38°30'59.35740"	W122°47'23.24445"	114.41	11.93	0.9999629419	-0°29'53"	Set 2" Disk on Iron Pipe
293	1951558.075	6335289.334	N38°31'05.85024"	W122°47'28.41303"	115.25	12.77	0.9999625928	-0°29'56"	Found 2" Brass Disk in Monument Well Stamped RCE 31909
294	1953006.799	6334172.390	N38°31'20.07429"	W122°47'42.62585"	112.42	9.98	0.9999620523	-0°30'05"	Set 2" Disk on Iron Pipe
295	1953392.587	6333912.694	N38°31'23.86527"	W122°47'45.93604"	112.09	9.66	0.9999618887	-0°30'07"	Set 2" Disk on Iron Pipe



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.

ALL DISTANCES ARE GRID VALUES, USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.

LEGEND

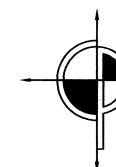


SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED
"SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"

SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA
RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE

RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: NONE



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM

SONOMA-MARIN AREA RAIL TRANSIT
PRIMARY CONTROL NETWORK

ID	NORTHING	EASTING	LATITUDE	LONGITUDE	ORTHOMETRIC ELEVATION	ELLIPSOID HEIGHT	COMBINATION FACTOR	CONVERGENCE ANGLE	DESCRIPTION
296	1955473.208	6332457.095	N38°31'44.30543"	W122°48'04.48241"	104.00	1.60	0.9999613151	-0°30'19"	Found 2" Brass Disk in Monument Well Stamped LS 5973
297	1955993.148	6332106.671	N38°31'49.41440"	W122°48'08.94986"	100.97	-1.42	0.9999612210	-0°30'21"	Found 2" Brass Disk in Monument Well Stamped LS 5973
298	1958960.223	6330322.379	N38°32'18.58709"	W122°48'31.73583"	103.25	0.93	0.9999597618	-0°30'36"	Set 2" Disk in Concrete
299	1959529.204	6329944.761	N38°32'24.17812"	W122°48'36.55217"	104.72	2.39	0.9999594357	-0°30'39"	Set 2" Disk in Concrete
300	1962005.724	6328097.662	N38°32'48.49467"	W122°49'00.07942"	117.26	15.01	0.9999577287	-0°30'54"	Set 2" Disk on Iron Pipe
301	1961349.458	6328045.672	N38°32'42.00298"	W122°49'00.65957"	114.32	12.04	0.9999581639	-0°30'54"	Set 2" Disk in Concrete
302	1963766.864	6327031.265	N38°33'05.80828"	W122°49'13.70224"	120.58	18.47	0.9999567851	-0°31'02"	Set 2" Disk on Iron Pipe
303	1963751.637	6328112.408	N38°33'05.75403"	W122°49'00.09131"	123.97	21.91	0.9999566238	-0°30'54"	Set 2" Disk in Concrete
304	1965560.924	6325443.793	N38°33'23.40008"	W122°49'33.89029"	123.41	21.35	0.9999558642	-0°31'15"	Found 2" Brass Disk in Monument Well Stamped PLS 5520 at intersection of Starr Road and Starr Circle, Southerly of 2 monuments
305	1966593.056	6325453.722	N38°33'33.60341"	W122°49'33.88341"	132.31	30.28	0.9999549869	-0°31'15"	Found 2" Brass Disk in Monument Well Stamped LS 3216
306	1968645.625	6323577.193	N38°33'53.72338"	W122°49'57.74407"	129.73	27.76	0.9999542243	-0°31'30"	Set 2" Disk on Iron Pipe
307	1968916.069	6323437.122	N38°33'56.38398"	W122°49'59.53880"	125.00	23.02	0.9999543343	-0°31'31"	Set 2" Disk on Iron Pipe
308	1971396.842	6321245.981	N38°34'20.70642"	W122°50'27.41483"	102.61	0.67	0.9999543480	-0°31'49"	Set 2" Disk on Iron Pipe
309	1971746.444	6321214.252	N38°34'24.15926"	W122°50'27.85508"	100.43	-1.47	0.9999543020	-0°31'49"	Set 2" Disk on Iron Pipe
310	1973287.472	6320653.050	N38°34'39.34061"	W122°50'35.10154"	113.33	11.52	0.9999530327	-0°31'54"	Set 2" Disk in Asphalt
311	1974236.060	6320240.261	N38°34'48.67932"	W122°50'40.41053"	98.55	-3.24	0.9999533406	-0°31'57"	Set 2" Disk in Asphalt
312	1976969.311	6320089.043	N38°35'15.68305"	W122°50'42.63490"	122.02	20.33	0.9999510802	-0°31'58"	Set 2" Disk on Iron Pipe
313	1977091.444	6319341.979	N38°35'16.82152"	W122°50'52.05787"	103.87	2.11	0.9999519026	-0°32'04"	Set 2" Disk on Iron Pipe
314	1977774.073	6319398.278	N38°35'23.57436"	W122°50'51.42902"	110.96	9.24	0.9999512811	-0°32'04"	Set 2" Disk on Iron Pipe
315	1978515.890	6319107.799	N38°35'30.88026"	W122°50'55.17470"	109.24	7.55	0.9999510586	-0°32'06"	Set 2" Disk on Iron Pipe
316	1980809.388	6318485.940	N38°35'53.49352"	W122°51'03.27741"	97.11	-4.50	0.9999507042	-0°32'11"	Set 2" Disk on Iron Pipe
317	1980490.659	6317550.823	N38°35'50.25624"	W122°51'15.01837"	96.01	-5.64	0.9999508910	-0°32'19"	Set 2" Disk on Iron Pipe
318	1982344.345	6317012.114	N38°36'08.52940"	W122°51'22.02381"	99.95	-1.67	0.9999499570	-0°32'23"	Set 2" Disk on Iron Pipe
319	1982757.564	6316747.302	N38°36'12.58931"	W122°51'25.40867"	103.50	1.88	0.9999496235	-0°32'25"	Set 2" Disk in Concrete
320	1983626.087	6315036.254	N38°36'21.01440"	W122°51'47.06647"	105.12	3.43	0.9999492098	-0°32'39"	Set 2" Disk on Iron Pipe
321	1983862.038	6314415.645	N38°36'23.28838"	W122°51'54.91277"	103.91	2.25	0.9999491749	-0°32'44"	Set 2" Disk on Iron Pipe
322	1985224.124	6312436.692	N38°36'36.56528"	W122°52'20.00715"	101.41	-0.19	0.9999487603	-0°33'00"	Set 2" Disk on Iron Pipe
323	1986095.268	6312141.648	N38°36'45.14831"	W122°52'23.82959"	100.49	-1.10	0.9999484625	-0°33'02"	Set 2" Disk on Iron Pipe
326	1991130.983	6311383.232	N38°37'34.85296"	W122°52'33.99612"	131.87	30.36	0.9999450188	-0°33'08"	Set 2" Disk in Concrete
327	1991061.107	6312003.630	N38°37'34.22131"	W122°52'26.17005"	133.06	31.54	0.9999449870	-0°33'04"	Set 2" Disk in Concrete
328	1993994.960	6311985.656	N38°38'03.22000"	W122°52'26.75214"	157.64	56.21	0.9999427025	-0°33'04"	Set 2" Disk in Concrete
329	1994741.890	6311950.934	N38°38'10.59991"	W122°52'27.28027"	161.80	60.42	0.9999422230	-0°33'04"	Set 2" Disk on Iron Pipe
330	1999653.880	6313533.285	N38°38'59.30371"	W122°52'07.93028"	214.14	112.91	0.9999379110	-0°32'52"	Set 2" Disk on Iron Pipe
331	2000670.925	6313887.573	N38°39'09.39041"	W122°52'03.58685"	219.88	118.72	0.9999372666	-0°32'49"	Set 2" Disk on Iron Pipe
332	2003193.199	6312427.172	N38°39'34.18420"	W122°52'22.30143"	188.78	87.65	0.9999378562	-0°33'01"	Set 2" Disk in Concrete
333	2002214.387	6312903.360	N38°39'24.55407"	W122°52'16.17993"	187.03	85.86	0.9999382870	-0°32'57"	Set 2" Disk in Concrete
334	2004209.610	6312402.357	N38°39'44.22881"	W122°52'22.73735"	179.50	78.41	0.9999379397	-0°33'01"	Set 2" Disk on Iron Pipe
335	2004824.539	6312262.823	N38°39'50.29397"	W122°52'24.57102"	176.46	75.41	0.9999378681	-0°33'03"	Set 2" Disk on Iron Pipe
336	2008503.120	6311511.885	N38°40'26.58430"	W122°52'34.48571"	195.72	94.79	0.9999356758	-0°33'09"	Set 2" Disk on Iron Pipe
337	2009132.736	6311382.595	N38°40'32.79556"	W122°52'36.19257"	203.08	102.19	0.9999351086	-0°33'10"	Set 2" Disk on Iron Pipe
338	2010200.435	6311168.019	N38°40'43.32900"	W122°52'39.02830"	207.02	106.15	0.9999345591	-0°33'12"	Set 2" Disk on Iron Pipe
339	2011153.952	6310965.055	N38°40'52.73488"	W122°52'41.70392"	214.32	113.49	0.9999338892	-0°33'13"	Set 2" Disk on Iron Pipe
340	2013791.716	6310117.535	N38°41'18.72734"	W122°52'52.71427"	233.78	133.02	0.9999320839	-0°33'20"	Set 2" Disk on Iron Pipe
341	2014639.720	6310000.862	N38°41'27.09844"	W122°52'54.28951"	210.86	110.17	0.9999328966	-0°33'21"	Set 2" Disk on Iron Pipe
342	2016563.298	6308385.145	N38°41'45.95698"	W122°53'14.90437"	203.39	102.74	0.9999326312	-0°33'34"	Set 2" Disk on Iron Pipe
343	2017207.780	6307757.844	N38°41'52.26687"	W122°53'22.89626"	210.02	109.40	0.9999321078	-0°33'39"	Set 2" Disk on Iron Pipe
344	2020634.708	6303897.835	N38°42'25.76459"	W122°54'12.01428"	213.44	112.85	0.9999308671	-0°34'10"	Set 2" Disk in Concrete
345	2021296.686	6304656.406	N38°42'32.38247"	W122°54'02.52754"	207.76	107.23	0.9999309259	-0°34'04"	Set 2" Disk on Iron Pipe
346	2024829.449	6299722.053	N38°43'06.81459"	W122°55'05.22706"	218.07	117.52	0.9999293615	-0°34'44"	Set 2" Disk on Iron Pipe
347	2025169.382	6299337.487	N38°43'10.13627"	W122°55'10.12260"	220.87	120.30	0.9999291267	-0°34'47"	Set 2" Disk on Iron Pipe



NOTES

ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GRID VALUES. USE THE APPROPRIATE COMBINATION
FACTOR TO CONVERT TO GROUND DISTANCES.

LEGEND

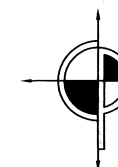


SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED
"SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"

SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA
RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE

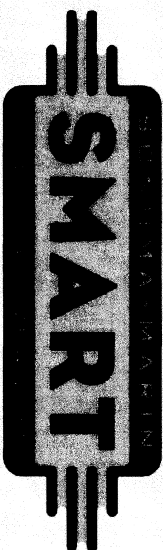
RECORD OF SURVEY

OF THE
PROJECT CONTROL
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT
COUNTIES OF SONOMA & MARIN STATE OF CALIFORNIA
MARCH 2010 SCALE: NONE



CINQUINI & PASSARINO, INC.
LAND SURVEYING

▲ BOUNDARY 1360 No. Dutton Ave.
▲ TOPOGRAPHIC Santa Rosa, Ca. 95401
▲ CONSTRUCTION Phone: (707) 542-6268
▲ SUBDIVISIONS Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM



NOTES
ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
ALL DISTANCES ARE GROUND VALUES. USE THE APPROPRIATE COMBINATION FACTOR TO CONVERT TO GROUND DISTANCES.

SONOMA-MARIN AREA RAIL TRANSIT
PRIMARY CONTROL NETWORK

ID	NORTING	EASTING	LATITUDE	LONGITUDE	ORTHOMETRIC ELEVATION	ELLIPSOID HEIGHT	COMBINATION FACTOR	CONVERGENCE ANGLE	DESCRIPTION
348	2027151.360	6297079.242	N38°43'29.50061"	W122°55'36.87064"	226.69	126.17	0.9999282566	-0°35'05"	Set 2" Disk on Iron Pipe
349	2027711.587	6296444.411	N38°43'34.97413"	W122°55'46.95364"	227.93	127.39	0.9999280334	-0°35'10"	Set 2" Disk on Iron Pipe
350	2031683.794	6292870.020	N38°44'13.87402"	W122°56'32.57699"	241.10	140.62	0.9999262479	-0°35'39"	Set 2" Disk on Iron Pipe
351	2032549.589	6292411.946	N38°44'22.38508"	W122°56'38.47159"	240.66	140.21	0.9999260200	-0°35'43"	Set 2" Disk on Iron Pipe
352	2034260.251	6291493.152	N38°44'39.19981"	W122°56'50.29263"	250.80	150.42	0.9999250483	-0°35'50"	Set 2" Disk on Iron Pipe
353	2034701.990	6291252.356	N38°44'43.54141"	W122°56'53.39004"	247.12	146.74	0.9999250998	-0°35'52"	Set 2" Disk on Iron Pipe
354	2040433.378	6286805.287	N38°45'39.62836"	W122°58'02.91242"	266.76	166.43	0.9999225972	-0°36'36"	Set 2" Disk on Iron Pipe
355	2040973.868	6286606.697	N38°45'44.94797"	W122°58'05.49224"	267.20	166.88	0.9999224311	-0°36'37"	Set 2" Disk on Iron Pipe
356	2040965.651	6283485.860	N38°45'44.64254"	W122°58'32.26645"	280.11	179.77	0.9999218244	-0°36'54"	Set 2" Disk on Iron Pipe
357	2041392.244	6283948.476	N38°45'48.90828"	W122°58'26.48370"	270.70	170.32	0.9999221599	-0°36'51"	Set 2" Disk on Iron Pipe
358	2042526.808	6281497.669	N38°45'59.86215"	W122°58'57.58021"	266.51	166.09	0.9999220675	-0°37'10"	Set 2" Disk on Iron Pipe
359	2042743.022	6281022.303	N38°46'01.94847"	W122°59'03.61156"	265.66	165.26	0.9999220515	-0°37'14"	Set 2" Disk on Iron Pipe
360	2044082.474	6278466.238	N38°46'14.91343"	W122°59'33.14063"	284.71	184.30	0.9999207988	-0°37'35"	Set 2" Disk on Iron Pipe
361	2044480.161	6278702.469	N38°46'18.86989"	W122°59'33.14063"	270.85	170.43	0.9999213563	-0°37'33"	Set 2" Disk on Iron Pipe
362	2049068.558	6276652.703	N38°46'18.86989"	W122°59'59.65962"	288.42	189.10	0.9999193022	-0°37'49"	Set 2" Disk on Iron Pipe
363	2049464.715	6276471.334	N38°47'07.89903"	W123°00'02.00506"	297.52	197.21	0.9999188169	-0°37'51"	Set 2" Disk on Iron Pipe
364	2052321.749	6273447.889	N38°47'35.80760"	W123°00'40.58944"	313.09	212.90	0.9999177603	-0°38'15"	Set 2" Disk on Iron Pipe
365	2053496.285	6273389.606	N38°47'47.41089"	W123°00'42.45629"	299.16	198.91	0.9999173751	-0°38'16"	Set 2" Disk on Iron Pipe
366	2056863.167	6273350.645	N38°48'20.68654"	W123°00'42.45629"	322.37	222.28	0.9999158515	-0°38'16"	Set 2" Disk on Iron Pipe
367	2057289.125	6273405.308	N38°48'25.00178"	W123°00'41.82707"	323.20	223.17	0.9999157082	-0°38'16"	Set 2" Disk on Iron Pipe
369	2022502.656	6302321.273	N38°42'44.07328"	W122°54'32.13867"	212.83	110.60	0.9999303977	-0°34'23"	Set 2" Disk on Iron Pipe
370	2022979.721	6301804.194	N38°42'48.73773"	W122°54'38.72239"	214.51	111.13	0.9999302268	-0°34'27"	Set 2" Disk on Iron Pipe

LEGEND



SET 3/4" IRON PIPE WITH 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935"



SET 2" ALUMINUM CAP STAMPED "SONOMA MARIN AREA RAIL TRANSIT PROJECT CONTROL PLS 7935" RECESSED IN CONCRETE

RECORD OF SURVEY

OF THE

PROJECT CONTROL

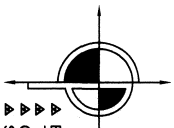
FOR THE SONOMA-MARIN AREA RAIL TRANSIT DISTRICT

COUNTIES OF SONOMA & MARIN

STATE OF CALIFORNIA

MARCH 2010

SCALE: NONE



CINQUINI & PASSARINO, INC.
LAND SURVEYING

1360 No. Dutton Ave.
Santa Rosa, Ca. 95401
Phone: (707) 542-6288
Fax: (707) 542-2106
WWW.CINQUINIPASSARINO.COM