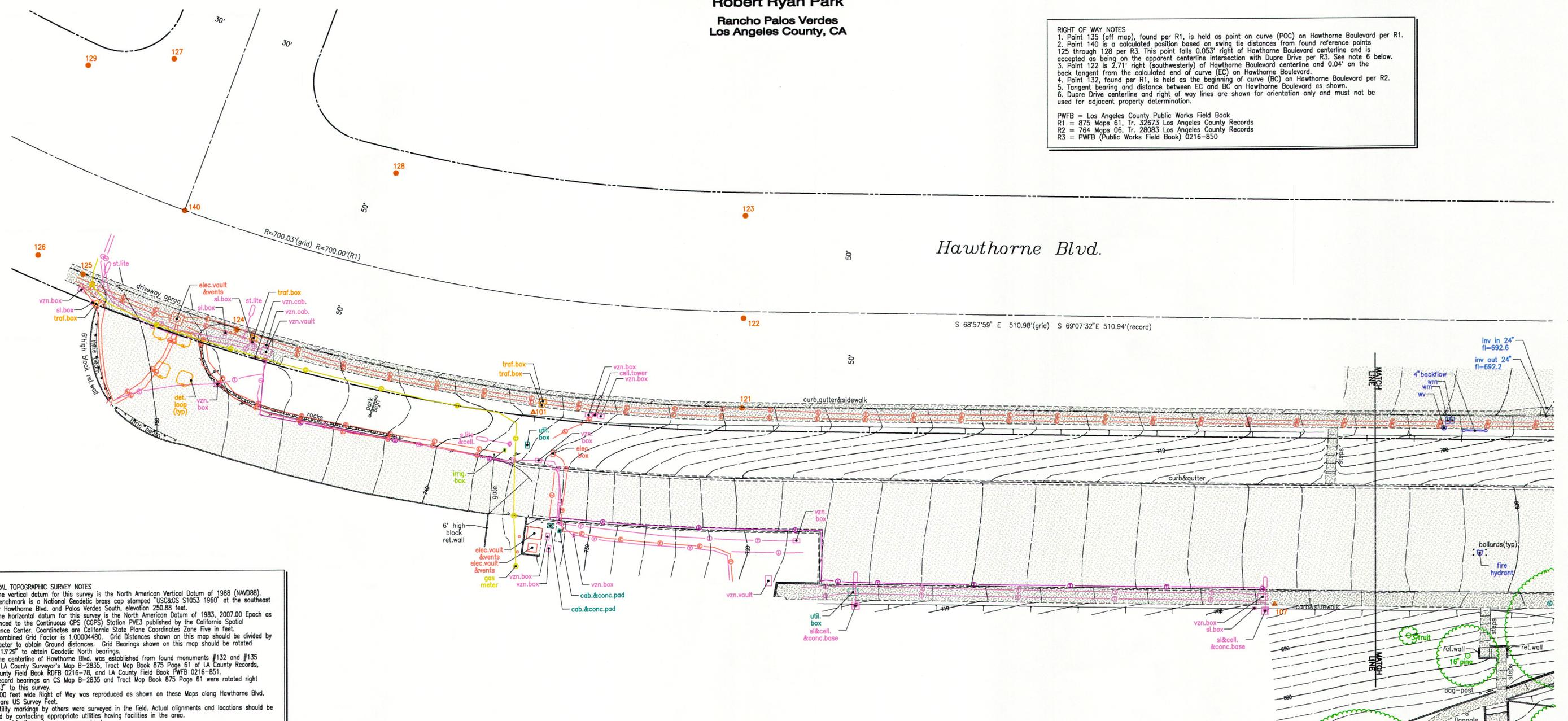


**TOPOGRAPHIC SURVEY**  
**Robert Ryan Park**  
**Rancho Palos Verdes**  
**Los Angeles County, CA**

**RIGHT OF WAY NOTES**  
 1. Point 135 (off map), found per R1, is held as point on curve (POC) on Hawthorne Boulevard per R1.  
 2. Point 140 is a calculated position based on swing tie distances from found reference points 125 through 128 per R3. This point falls 0.053' right of Hawthorne Boulevard centerline and is accepted as being on the apparent centerline intersection with Dupre Drive per R3. See note 6 below.  
 3. Point 122 is 2.71' right (southwesterly) of Hawthorne Boulevard centerline and 0.04' on the back tangent from the calculated end of curve (EC) on Hawthorne Boulevard.  
 4. Point 132, found per R1, is held as the beginning of curve (BC) on Hawthorne Boulevard per R2.  
 5. Tangent bearing and distance between EC and BC on Hawthorne Boulevard as shown.  
 6. Dupre Drive centerline and right of way lines are shown for orientation only and must not be used for adjacent property determination.

PWFB = Los Angeles County Public Works Field Book  
 R1 = 875 Maps 61, Tr. 32673 Los Angeles County Records  
 R2 = 764 Maps 06, Tr. 28083 Los Angeles County Records  
 R3 = PWFB (Public Works Field Book) 0216-850



**GENERAL TOPOGRAPHIC SURVEY NOTES**  
 1. The vertical datum for this survey is the North American Vertical Datum of 1988 (NAVD88). The benchmark is a National Geodetic brass cap stamped "USCGS S1053 1960" at the southeast corner Hawthorne Blvd. and Palos Verdes South, elevation 250.88 feet.  
 2. The horizontal datum for this survey is the North American Datum of 1983, 2007.00 Epoch as referenced to the Continuous GPS (COPS) Station PWC3 published by the California Spatial Reference Center. Coordinates are California State Plane Coordinates Zone Five in feet. The Combined Grid Factor is 1.00004480. Grid Distances shown on this map should be divided by this factor to obtain Ground Distances. Grid Bearings shown on this map should be rotated left 0°13'29" to obtain Geodetic North bearings.  
 3. The centerline of Hawthorne Blvd. was established from found monuments #132 and #135 using LA County Surveyor's Map B-2835, Tract Map Book 875 Page 61 of LA County Records, LA County Field Book R0FB 0216-78, and LA County Field Book PWFB 0216-851. The record bearings on CS Map B-2835 and Tract Map Book 875 Page 61 were rotated right 0°09'33" to this survey. The 100 feet Right of Way was reproduced as shown on these Maps along Hawthorne Blvd. Units are US Survey Feet.  
 4. Utility markings by others were surveyed in the field. Actual alignments and locations should be verified by contacting appropriate utilities having facilities in the area.  
 5. Tree drip lines shown are approximate.

**SURVEYOR'S STATEMENT**  
 This map is based on a field survey performed by me or under my direction on October 25, 2011, at the request of Bindu Vaish of the City of Rancho Palos Verdes.  
 This map delineates the horizontal and vertical locations of visible features, natural and man-made, within the areas shown for the purpose of developing plans for improving Handicap Access, improving traffic flow through the parking areas and access to Hawthorne Avenue. No warranty as to the size, type and location of non-visible features, natural and man-made, that may exist, is expressed or implied. Utility agencies should be contacted prior to any excavation.

This map meets the National Map Accuracy Standards (NMAS).  
 These data may have been delivered as a courtesy to the client or other third parties in digital form. Delivery of the electronic file does not constitute the delivery of our professional services.  
 The most recent signed and sealed paper print represents the delivery of professional services and must be referred to for correct information. McGee Surveying Consulting (MSC) shall not be responsible for modifications to, or products derived from, the electronic files which are not approved, signed and sealed by MSC. Uncontrolled or unauthorized use by any individual or entity for any purposes whatsoever shall not incur any liability on the part of MSC.  
 Copyright (C) 2011 MSC.

**COORDINATE DATA: CONTROL POINTS AND FOUND MONUMENTS**

Pt.	North (Y)	East (X)	Elev (Z)	Description
101	1732352.78	6441462.98	737.35	RebarCap&Tack "CONTROL-POINT"
102	1732200.39	6441889.35	656.33	RebarCap&Tack "CONTROL-POINT"
103	1732126.81	6442073.27	676.50	RebarCap&Tack "CONTROL-POINT"
104	1732043.03	6442163.85	664.38	NagNa116Washer
105	1732045.93	6442000.51	656.53	NagNa116Washer
106	1731905.16	6442170.10	631.20	RebarCap&Tack "CONTROL-POINT"
107	1732187.28	6441723.88	659.30	NagNa116Washer
108	1732061.47	6441708.77	668.09	RebarCap&Tack "CONTROL-POINT"
109	1732112.99	6441774.59	672.46	RebarCap&Tack "CONTROL-POINT"
110	1732034.23	6441839.76	661.42	RebarCap&Tack "CONTROL-POINT"
111	1732038.26	6441774.19	669.78	Crushed "X"
121	1732341.24	6441544.87	729.27	Lead&Tack
122	1732376.37	6441558.35	728.07	Na116Tag "LA. CO. RD. DEPT."
123	1732415.48	6441573.85	726.93	Na116Tag "LA. CO. RD. DEPT."
124	1732445.17	6441359.56	747.88	Na116Tag "LS5411"
125	1732503.14	6441292.89	752.73	Na116Tag "LS5411"
126	1732503.14	6441292.89	752.73	Na116Tag "LS5411"
127	1732560.83	6441374.08	747.94	Lead&Tack
128	1732483.87	6441444.03	739.40	Na116Tag "LS5411"
129	1732370.67	6441339.69	749.84	Na116Tag "LS5411"
130	1732157.84	6442051.83	682.37	Lead&Tack
131	1732189.15	6442033.86	683.96	Na116Tag "LA. CO. RD. DEPT."
132	1732195.49	6442036.30	684.33	1-1/2" IP&Tag "LA. CO. RD. DEPT."
133	1732201.71	6442038.70	684.34	Na116Tag "LA. CO. RD. DEPT."
134	1732332.96	6442050.73	685.35	Na116Tag "LA. CO. RD. DEPT."
135	1732731.70	6441178.40	766.37	1-1/2" IP&Tag "LA. CO. RD. DEPT."
140	1732499.60	6441356.37		!CL-Intx-swingties

**LEGEND**

— centerline	▲ set control point (point no. as noted)	— electric line
- - - right of way line	● found monument (point no. as noted)	— fiber optic line
— contours	115.0 spot elevation	— gas line
- - - index contours	fl = flowline	— lighting line
— depression line	tw = top of wall	— telecomm line
— feature lines	sl, st.lite = street light	— detector loop
— flowline	sl.box = street light box	— cable or tv line
— building outline	vzn = vertical	— various util. box or vaults
— fence: chain-link	traf.box = traffic box	— sign
— block wall	cab. = cabinet	— ac surface
— 6" curb	det.loop = detector loop	— concrete surface
— drip line (approx.)	top of bank	
— edge of ac or pavement	wm = water meter	
— three beam barrier	wv = water valve	
	ret.wall = retaining wall	

Michael R. McGee, PLS 3945  
 date: 10/25/11  
 STATE OF CALIFORNIA  
 No. PLS 3945



revisions  sheet title <b>TOPOGRAPHIC MAP</b>  project <b>ROBERT RYAN PARK</b> <b>City of Rancho Palos Verdes</b> <b>Los Angeles County, CA</b>	client <b>City of Rancho Palos Verdes</b> 30940 Hawthorne Blvd. Rancho Palos Verdes, CA 90275	surveyor <b>McGee Surveying Consulting</b> 5290 Overpass Road Suite 107 Santa Barbara, CA 93111 805.964.3520	drawn by: rjf checked by: rjf, mrm date: job no. 1112 msc - RRP plot date 11.10.2011	file name: 1112-topo-grid.pro scale: 1" = 20' contour interval = 2' SHEET 1 OF 2
---	--	---	--	--