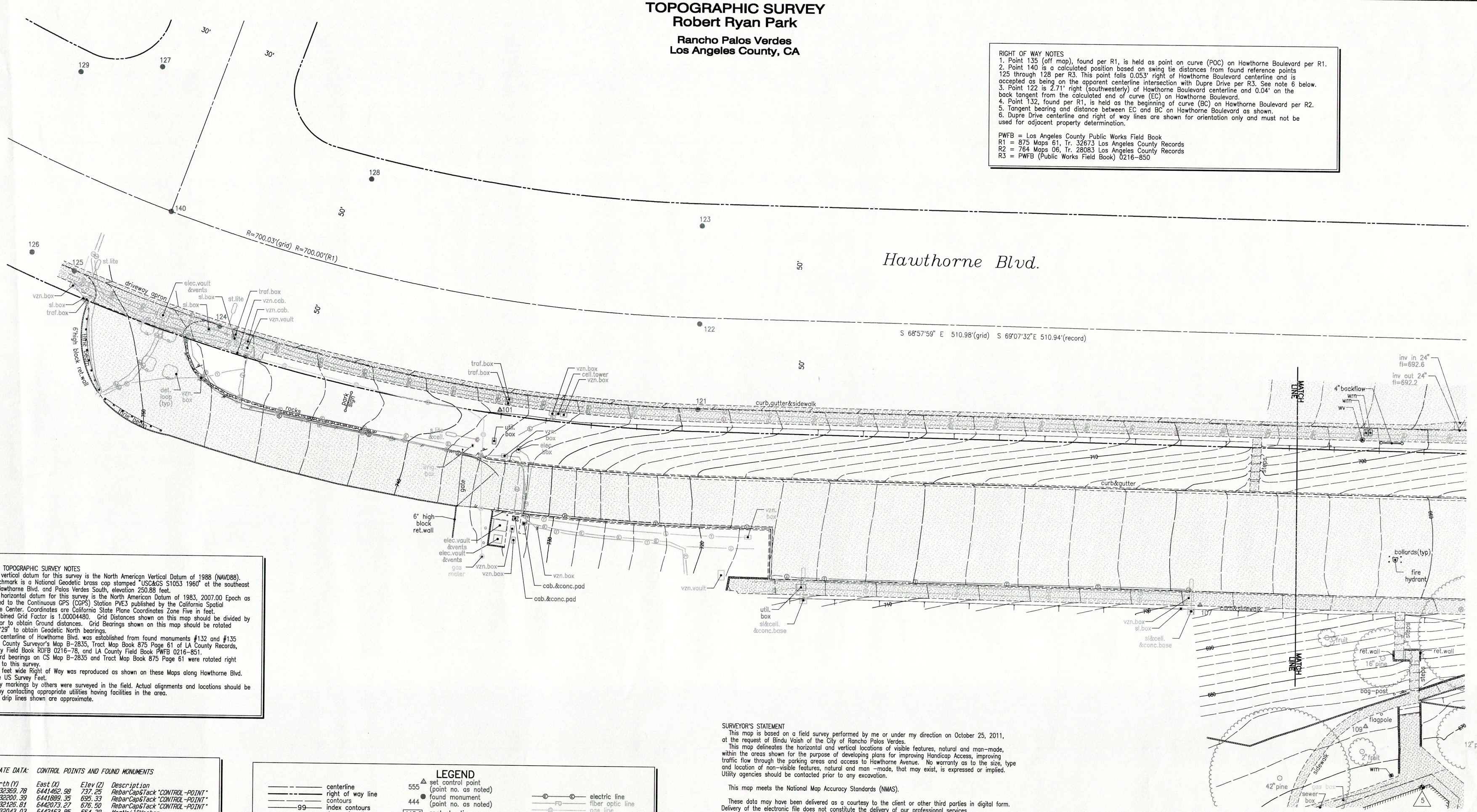
TOPOGRAPHIC SURVEY
Robert Ryan Park
Rancho Palos Verdes
Los Angeles County, CA

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 "USC&GS 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 (CGPS) Station PVE3 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 RDFB 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 wide 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.

COORDINATE DATA: CONTROL POINTS AND FOUND MONUMENTS

Pt.	North (Y)	East (X)	Elev (Z)	Description
101	1732369.78	6441462.98	737.25	RebarCap&Tack "CONTROL-POINT"
102	1732200.39	6441889.35	695.33	RebarCap&Tack "CONTROL-POINT"
103	1732126.81	6442073.27	676.50	RebarCap&Tack "CONTROL-POINT"
104	1732043.03	6442163.85	654.38	MagNail&Washer
105	1732045.93	6442000.51	656.53	MagNail&Washer
106	1731905.16	6442170.10	631.70	RebarCap&Tack "CONTROL-POINT"
107	1732167.28	6441723.88	699.30	MagNail&Washer
108	1732061.47	6441709.77	668.09	RebarCap&Tack "CONTROL-POINT"
109	1732112.99	6441774.58	672.46	RebarCap&Tack "CONTROL-POINT"
110	1732034.23	6441838.75	661.42	RebarCap&Tack "CONTROL-POINT"
111	1732038.26	6441774.19	669.78	Chiseled "X"
121	1732341.24	6441544.87	729.27	Lead&Tack
122	1732376.37	6441558.35	728.07	Nail&Tag "LA.CO.RD.DEPT."
123	1732416.46	6441573.85	726.93	Nail&Tag "LA.CO.RD.DEPT."
124	1732445.17	6441369.56	747.08	Nail&Tag "LS5411"
126	1732503.14	6441292.89	752.73	Nail&Tag "LS5411"
126	1732503.14	6441292.89	752.73	Nail&Tag "LS5411"
127	1732560.83	6441374.08	747.94	Lead&Tack
128	1732483.87	6441444.03	739.40	Nail&Tag "LS5411"
129	1732570.67	6441339.69	749.84	Nail&Tag "LS5411"
130	1732157.84	6442021.83	682.37	Lead&Tack
131	1732189.15	6442033.86	683.96	Nail&Tag "LA.CO.RD.DEPT."
132	1732196.49	6442036.30	684.33	1-1/2"IP&Tag "LA.CO.RD.DEPT."
133	1732201.71	6442038.70	684.34	Nail&Tag "LA.CO.RD.DEPT."
134	1732232.96	6442050.73	685.35	Nail&Tag "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
- right of way line
- contours
- 99 index contours
- depression line
- feature lines
- flowline
- building outline
- fence: chain-link
- block wall
- 6" curb
- drip line (approx.)
- top of bank
- edge of ac or pavement
- thrie beam barrier
- △ 555 set control point (point no. as noted)
- ● 444 found monument (point no. as noted)
- 115.0 spot elevation
- fl = flowline
- tw = top of wall
- sl, st.lite = street light
- sl.box = street light box
- vzn = verizon
- traf.box = traffic box
- cab. = cabinet
- det.loop = detector loop
- wm = water meter
- wv = water valve
- ret.wall = retaining wall
- electric line
- FO fiber optic line
- gas line
- lighting line
- T telecomm line
- D detector loop
- TV cable or tv line
- various util. box or vaults
- sign
- ac surface
- concrete surface

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).

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Michael R. McGee, PLS 3945 — date 11/11/11

LICENSED LAND SURVEYOR MICHAEL RANDOLPH McGEE No. PLS 3945 STATE OF CALIFORNIA

Graphic Scale 1"=20'
0 20 40
Contour interval = 2'

N

revisions

sheet title: TOPOGRAPHIC MAP

project: ROBERT RYAN PARK
City of Rancho Palos Verdes
Los Angeles County, CA

client: City of Rancho Palos Verdes
30940 Hawthorne Blvd.
Rancho Palos Verdes, CA 90275

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drawn by: rjr
checked by: rjr, 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