



CITY OF LONG BEACH

DEPARTMENT OF PUBLIC WORKS

R-46

333 West Ocean Boulevard • Long Beach, CA 90802 • (562) 570-6383 • FAX (562) 570-6012

November 14, 2006

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Adopt the attached resolution adjusting the Alamitos Bay pierhead line in the vicinity of 5488 – 5538 East The Toledo.

Declare ordinance amending Section 16.08.740 of the Long Beach Municipal Code regarding pierhead lines read for the first time and laid over to the next Regular Meeting of the City Council for final reading. (District 3)

DISCUSSION

Section 16.08.740 of the Long Beach Municipal Code specifies that no piers or floating docks may be built beyond the pierhead line shown on City Engineer's Drawing No. E-146, titled "Harbor Lines Alamitos Bay." Docks may be constructed between the bulkhead and pierhead lines, in the space known as the pierhead allowance. However, while the existing dock structures between 5488 and 5538 East The Toledo were built with permits according to approved plans prior to 1991, they project beyond the pierhead line, as described below.

It is proposed that the pierhead line be straightened in order to (i) add an area that is unnecessarily excepted from the pierhead allowance, and (ii) bring numerous existing and permitted docks into compliance with the Long Beach Municipal Code.

The Department of Public Works supports this action based on the following facts:

1. The pierhead line between survey control points 148 and 151 curves in a northerly direction toward the island, instead of following a straight line between the two points, as shown in the attached Exhibit A. This creates an exception or concavity in the pierhead allowance, which is not necessary for safety or navigational purposes.
2. On August 2, 2006, the California Coastal Commission (CCC) and the Army Corps of Engineers (ACE) were notified of the proposed pierhead line adjustment. The CCC and ACE did not raise any objections to this proposed adjustment.
3. The interested City Departments reviewed the proposed pierhead line adjustment and had no objections to this action.

ADMINISTRATION,
PLANNING & FACILITIES
333 W. Ocean Blvd., 9th Floor
Long Beach, CA 90802
Ph. (562) 570-6383
Fax (562) 570-6012

AIRPORT
4100 Donald Douglas Dr.
Long Beach, CA 90808
Ph. (562) 570-2600
Fax (562) 570-2601

ENGINEERING & STREET
MAINTENANCE
333 W. Ocean Blvd., 9th Floor
Long Beach, CA. 90802
Ph. (562) 570-6634
Fax (562) 570-6012

ENVIRONMENTAL
SERVICES
2929 E. Willow Street
Long Beach, CA 90806
Ph. (562) 570-2850
Fax (562) 570-2861

FLEET SERVICES
2600 Temple Avenue
Long Beach, CA 90806
Ph. (562) 570-5400
Fax (562) 570-5414

TRAFFIC &
TRANSPORTATION
333 W. Ocean Blvd., 10th F
Long Beach, CA 90802
Ph. (562) 570-6331
Fax (562) 570-7464

This letter was reviewed by Deputy City Attorney Richard Anthony on October 12, 2006.

TIMING CONSIDERATIONS

This matter is not time sensitive.

FISCAL IMPACT

None.

SUGGESTED ACTION:

Approve recommendation.

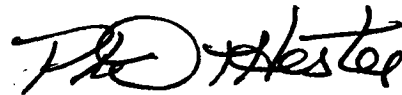
Respectfully submitted,



CHRISTINE F. ANDERSEN
DIRECTOR OF PUBLIC WORKS

GMM:SC:km
P:\CL\ RW Pierhead Line adjustment CL.doc

Attachments



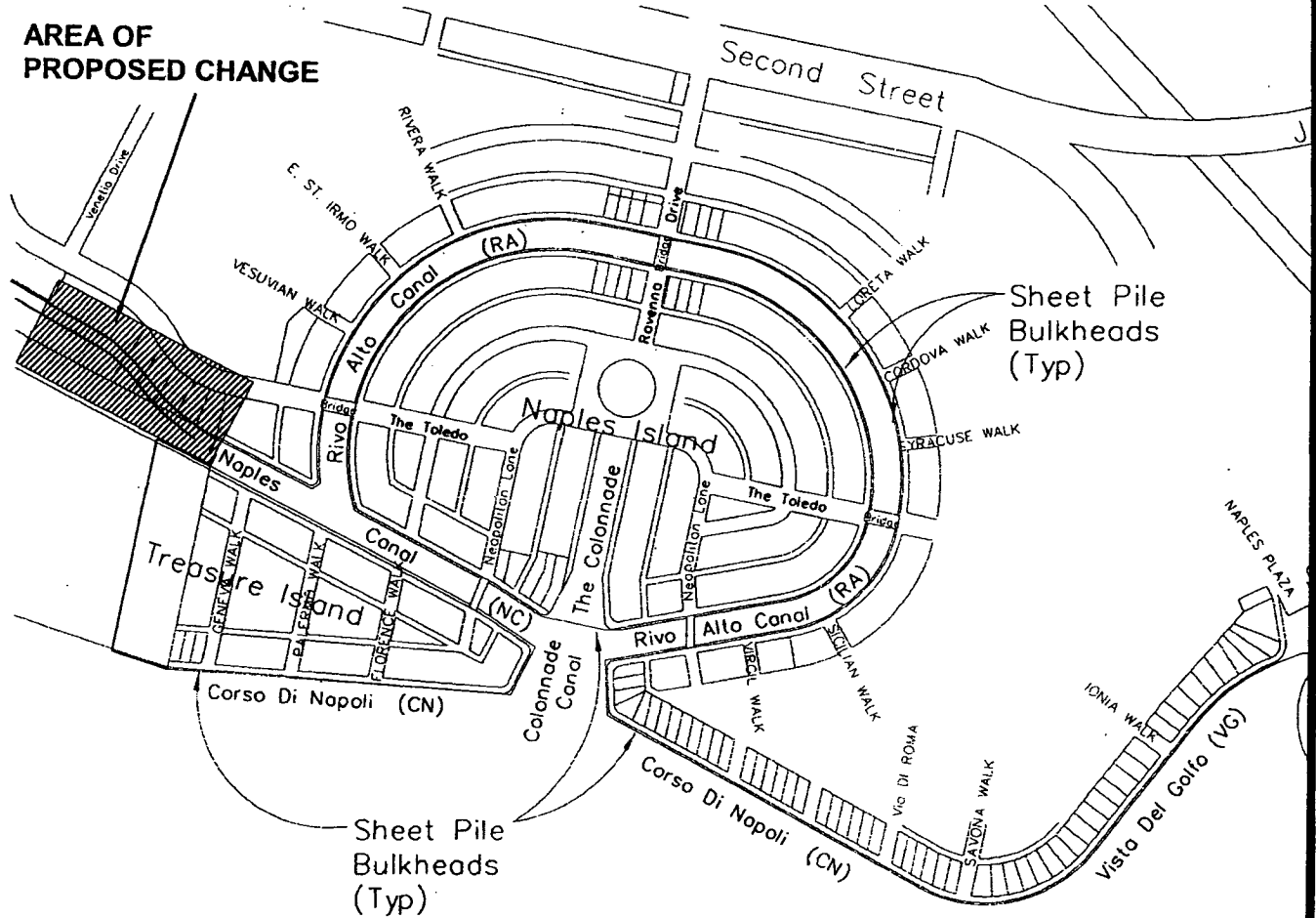
PHIL T. HESTER
DIRECTOR OF PARKS, RECREATION
AND MARINE

APPROVED:

for 

GERALD R. MILLER
CITY MANAGER

AREA OF PROPOSED CHANGE



Sheet Pile Bulkheads (Typ)

Sheet Pile Bulkheads (Typ)



Alamitos Bay

0' 500' 1000'

NAPLES AREA BASE MAP

Exhibit 1 - Site Plan

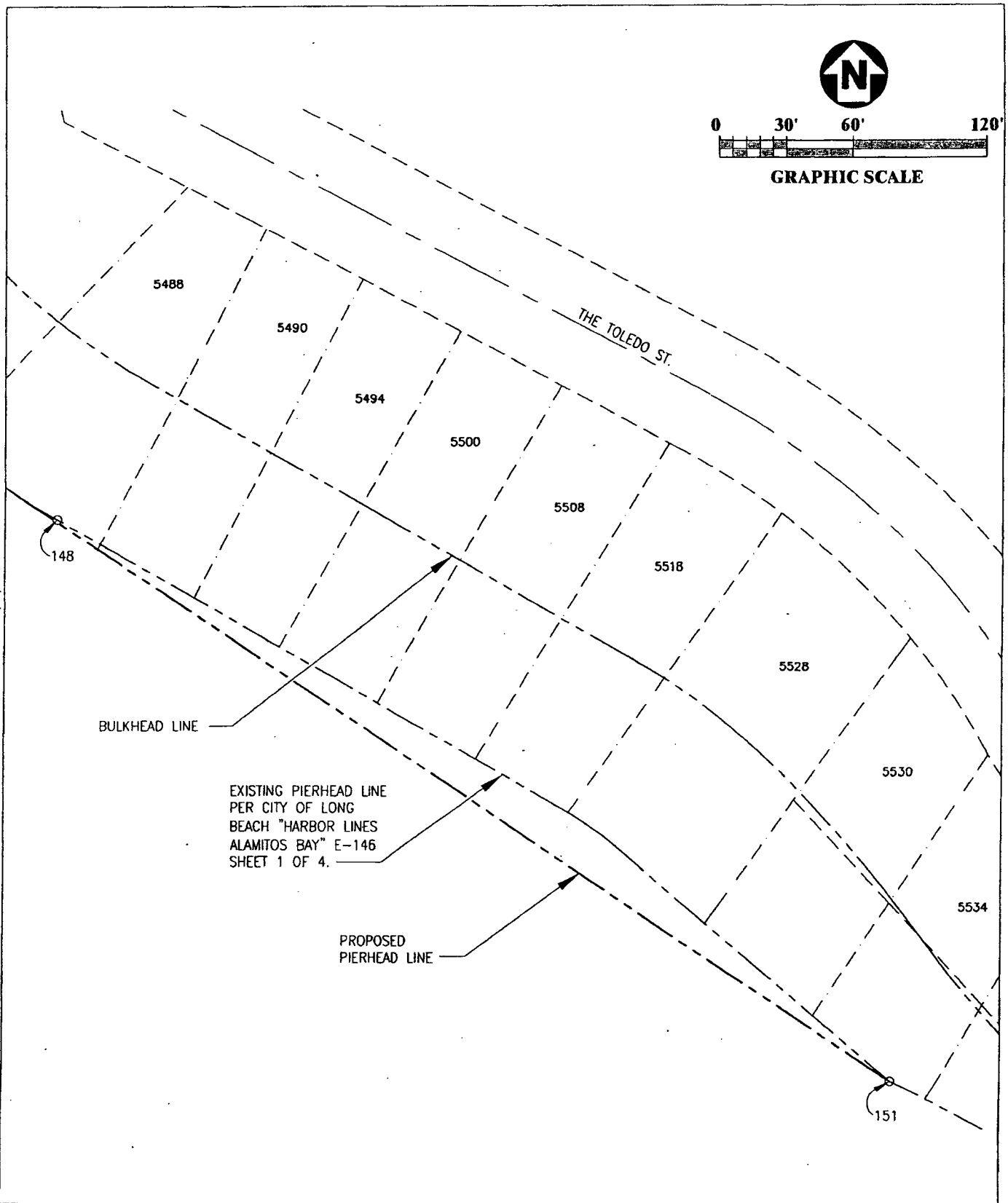


CASH & ASSOCIATES
 ENGINEERING AND ARCHITECTURE
 HUNTINGTON BEACH, CA
 (714) 895-2072

JOB# 324.00



GRAPHIC SCALE



C:\Projects\Plan\632400 South Shore Marine Drawings\JULES PURLEY-portrait-Exhibit 2&3.dwg - PLOT SCALE: 1:1 PS Plot Date: 09/21/06 - 11:04 am

JOB# 632400

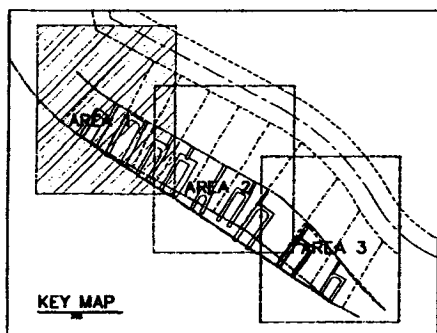
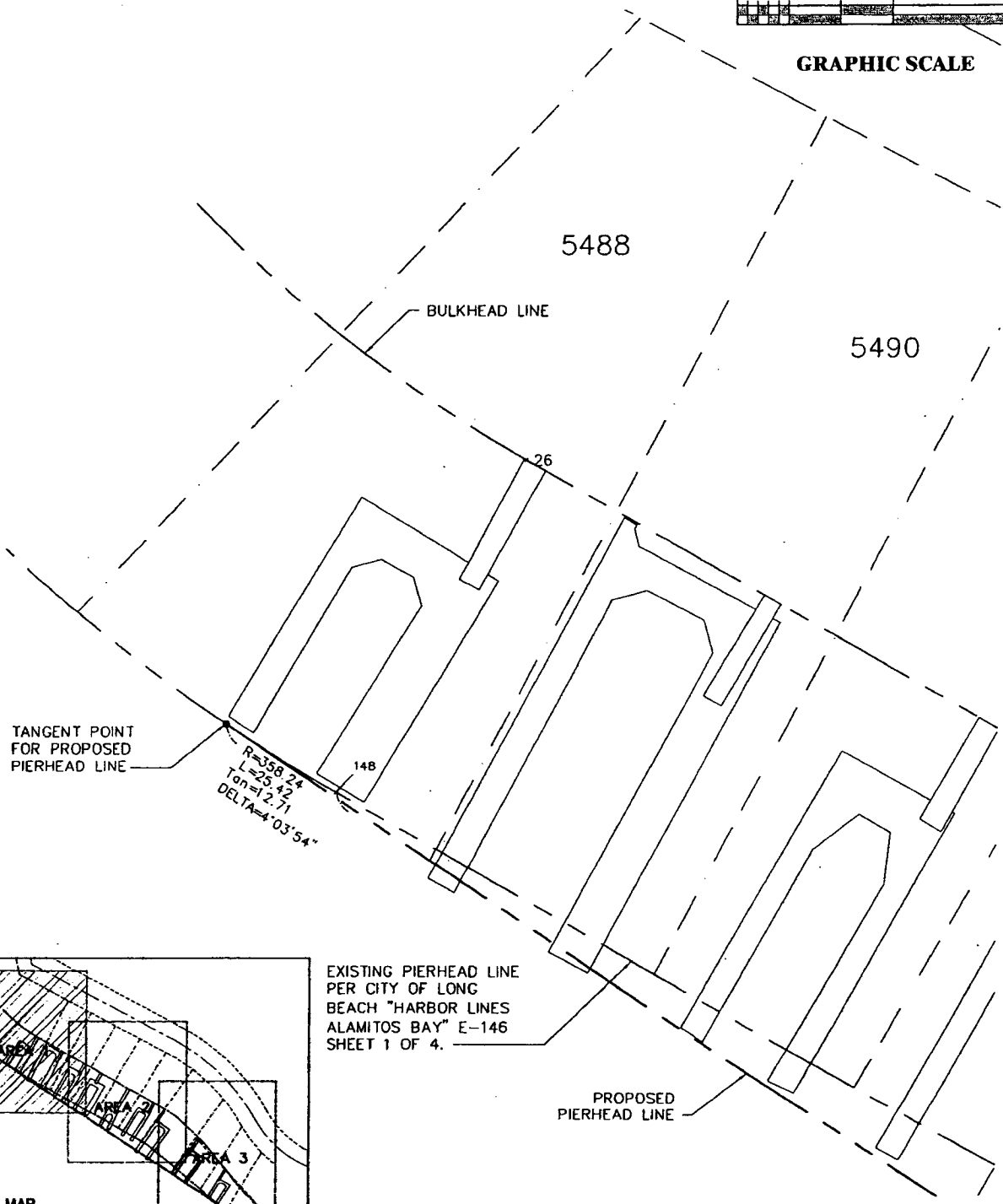
Exhibit 2 - Pierhead Line Adjustment



CASH & ASSOCIATES
 ENGINEERING AND ARCHITECTURE
 HUNTINGTON BEACH, CA.
 (714) 895-2072



GRAPHIC SCALE



KEY MAP

EXISTING PIERHEAD LINE
PER CITY OF LONG
BEACH "HARBOR LINES
ALAMITOS BAY" E-146
SHEET 1 OF 4.

PROPOSED
PIERHEAD LINE

G:\Projects\91m\612400 South Shore Marine Drawings\JULES PURLEY-portrait-Exhibit 2&3.dwg - PLOT SCALE: 1:1 PS Plot Date: 09/20/06 - 10:25 am

Exhibit 3A - Proposed Dock Area 1



CASH & ASSOCIATES
ENGINEERING AND ARCHITECTURE
HUNTINGTON BEACH, CA.
(714) 895-2072

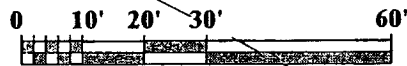
5490

5494

5500

5508

5518



GRAPHIC SCALE

404
14 L&T PVMT

N 60°29'42" W

BULKHEAD LINE

148.43'

262.73'

28

R=243.46
L=45.87
DELTA=10°47'42"

29

EXISTING SEAWALL

EXIST. PIERHEAD LINE
PER CITY OF LONG
BEACH "HARBOR LINES
ALAMITOS BAY" E-146
SHEET 1 OF 4.

PROPOSED
PIERHEAD LINE

S 56°25'45.39" E

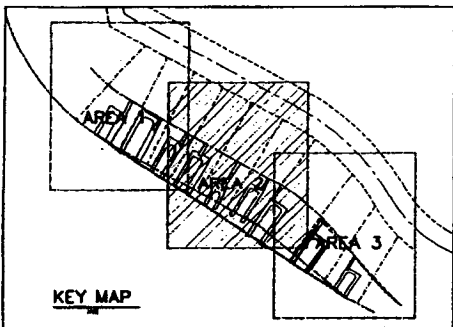
149

L=31.93
DELTA=10°47'42"
R=169.46

150

478.57'

N 49°42' W



KEY MAP

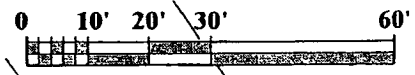
Exhibit 3B - Proposed Dock Area 2



CASH & ASSOCIATES
ENGINEERING AND ARCHITECTURE
HUNTINGTON BEACH, CA.
(714) 895-2072

G:\Projects\Bim\632400_South Shore Marine\Drawings\JULES_PURELY-parroti-Exhibit 2&3.dwg - PLOT SCALE: 1:1 PS Plot Date: 09/20/06 - 10:26 am

5518



GRAPHIC SCALE

5528

29 BULKHEAD LINE

400
T4c L&T PVMT

EXISTING SEAWALL

5530

THE TOLEDO

EXISTING SEAWALL

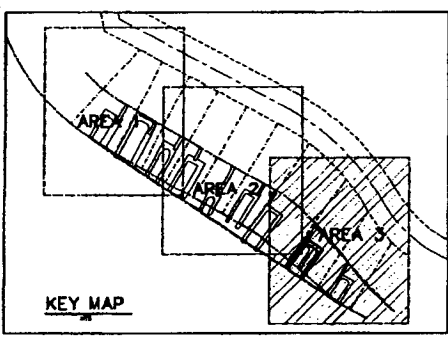
5534

EXISTING PIERHEAD LINE
PER CITY OF LONG
BEACH "HARBOR LINES
ALAMITOS BAY" E-146
SHEET 1 OF 4.

APPROXIMATE
BULKHEAD LINE
PER TRACT MAP

PROPOSED
PIERHEAD LINE

151



KEY MAP

C:\Projects\98m\632400_South Shore Marine\Drawings\JULES_PURLEY-portrail-Exhibit 2&3.dwg - PLOT SCALE: 1:1 PS Plot Date: 09/20/05 - 10:27 am

Exhibit 3C - Proposed Dock Area 3



CASH & ASSOCIATES
ENGINEERING AND ARCHITECTURE
HUNTINGTON BEACH, CA.
(714) 895-2072

Robert E. Shannon
City Attorney of Long Beach
333 West Ocean Boulevard
Long Beach, California 90802-4664
Telephone (562) 570-2200

1 RESOLUTION NO.

2
3 A RESOLUTION OF THE CITY COUNCIL OF THE
4 CITY OF LONG BEACH AMENDING DRAWING E-146
5 ENTITLED "HARBOR LINES ALAMITOS BAY" ON FILE IN
6 THE OFFICE OF THE CITY ENGINEER

7
8 WHEREAS, Section 16.08.740 of the Long Beach Municipal Code
9 establishes bulkhead and pierhead lines in Alamitos Bay by referencing Drawing E-146;
10 and

11 WHEREAS, the Department of Public Works and the Department of Parks,
12 Recreation and Marine desire to amend a portion of the pierhead line established by
13 Drawing E-146 to bring existing docks into compliance with pierhead set back
14 requirements; and

15 WHEREAS, State and Federal agencies with jurisdiction over the
16 establishment of pierhead lines in Alamitos Bay have expressed no opposition to the
17 proposed amendment;

18 NOW, THEREFORE, the City Council of the City of Long Beach resolves as
19 follows:

20 Section 1. The City Council of the City of Long Beach hereby amends
21 Drawing E-146 entitled "Harbor Lines Alamitos Bay" on file in the office of the City Engineer
22 in the manner specifically depicted in Exhibit "A" attached hereto and described in Exhibit
23 "B" attached hereto.

24 Sec. 2. This resolution shall take effect immediately upon its adoption by the
25 City Council, and the City Clerk shall certify to the vote adopting this resolution.

26 \\\

27 \\\

28 \\\

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

I hereby certify that the foregoing resolution was adopted by the City Council
of the City of Long Beach at its meeting of _____, 2006, by the
following vote:

Ayes: Councilmembers: _____

Noes: Councilmembers: _____

Absent: Councilmembers: _____

City Clerk

Robert E. Shannon
City Attorney of Long Beach
333 West Ocean Boulevard
Long Beach, California 90802-4664
Telephone (562) 570-2200

RFA: abc 10-12-06 06-04945
L:\APPS\CtyLaw32\WPDOCS\012\005\00095346.WPD

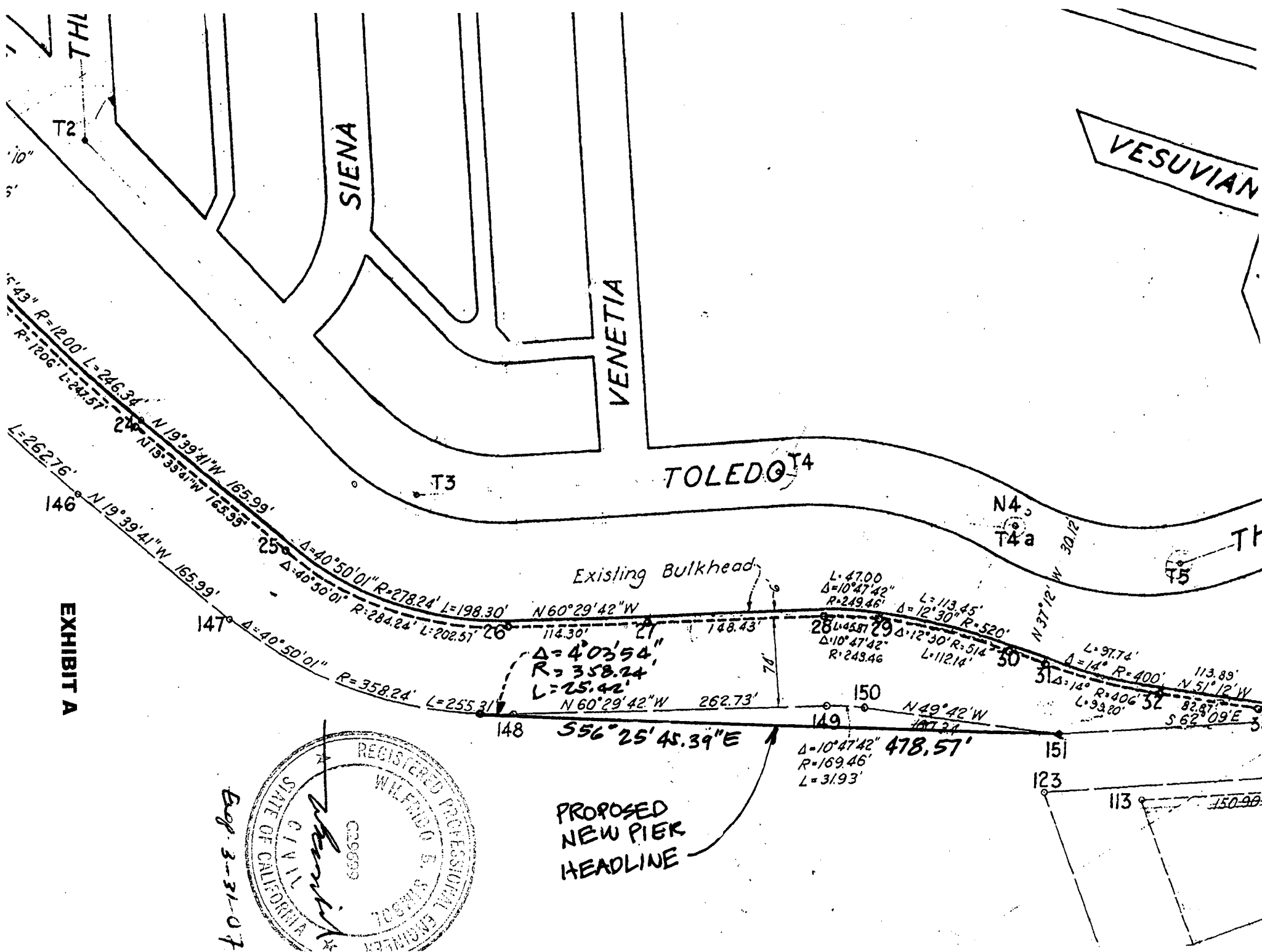
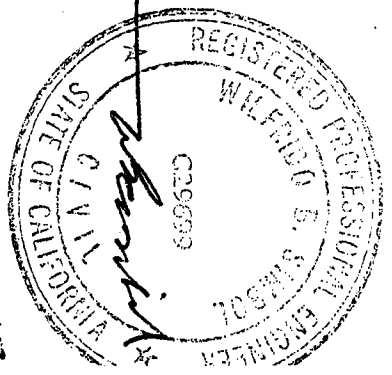


EXHIBIT A

Exp. 3-31-07



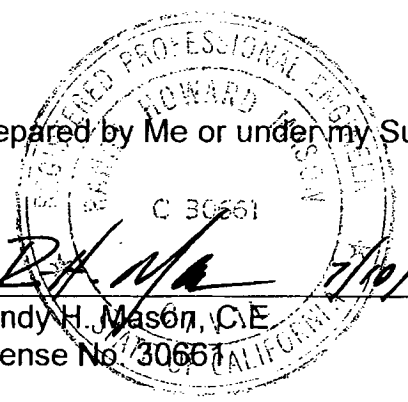
METES AND BOUND OF PIERHEAD LINE:

AREA BOUNDED BY THE EXISTING PIERHEAD LINE AS SHOWN ON CITY OF LONG BEACH DRAWING #E-146, ON FILE IN THE OFFICE OF THE CITY ENGINEER AT THE CITY OF LONG BEACH TITLED "HARBOR LINES ALAMITOS BAY" BETWEEN POINTS 147 THROUGH 151 AND THE PROPOSED NEW PIERHEAD LINE, AS CALCULATED BASED ON THE REFERENCE DRAWING AND NOT SURVEYED, DESCRIBED AS FOLLOWS:

BEGINNING AT POINT 151 AS SHOWN ON DRAWING DESCRIBED ABOVE, THENCE NORTH 49° 42' 00" WEST, 160.34 FEET ALONG THE EXISTING PIERHEAD LINE TO THE BEGINNING OF A TANGENT CURVE CONCAVE SOUTHERLY HAVING A RADIUS OF 169.46 FEET; THENCE WESTERLY 31.93 FEET ALONG SAID CURVE; THENCE NORTH 60° 29' 42" WEST, 262.73 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE NORTHWESTERLY HAVING A RADIUS OF 358.24 FEET; THENCE NORTHWESTERLY 25.42 FEET ALONG SAID CURVE TO THE INTERSECTION OF THE EXISTING PIERHEAD LINE AND THE PROPOSED NEW PIERHEAD LINE; THENCE SOUTH 56° 25' 45.39" EAST, 478.57 FEET ALONG THE PROPOSED NEW PIERHEAD LINE TO THE POINT OF BEGINNING.

AS MORE PARTICULARLY SHOWN ON SK-1 ATTACHED HERETO.

Prepared by Me or under my Supervision


Randy H. Mason, C.E.
License No. 30661

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

I hereby certify that the foregoing Ordinance was adopted by the City Council of the City of Long Beach at its meeting of _____, 2006, by the following vote:

Ayes: Councilmembers: _____

Noes: Councilmembers: _____

Absent: Councilmembers: _____

City Clerk

Approved: _____
(Date)

Mayor

Robert E. Shannon
City Attorney of Long Beach
333 West Ocean Boulevard
Long Beach, California 90802-4664
Telephone (562) 570-2200

RFA:abc 10/12/06 06-04945
L:\APPS\CtyLaw32\WPDOCS\1012\005\00095396.WPD