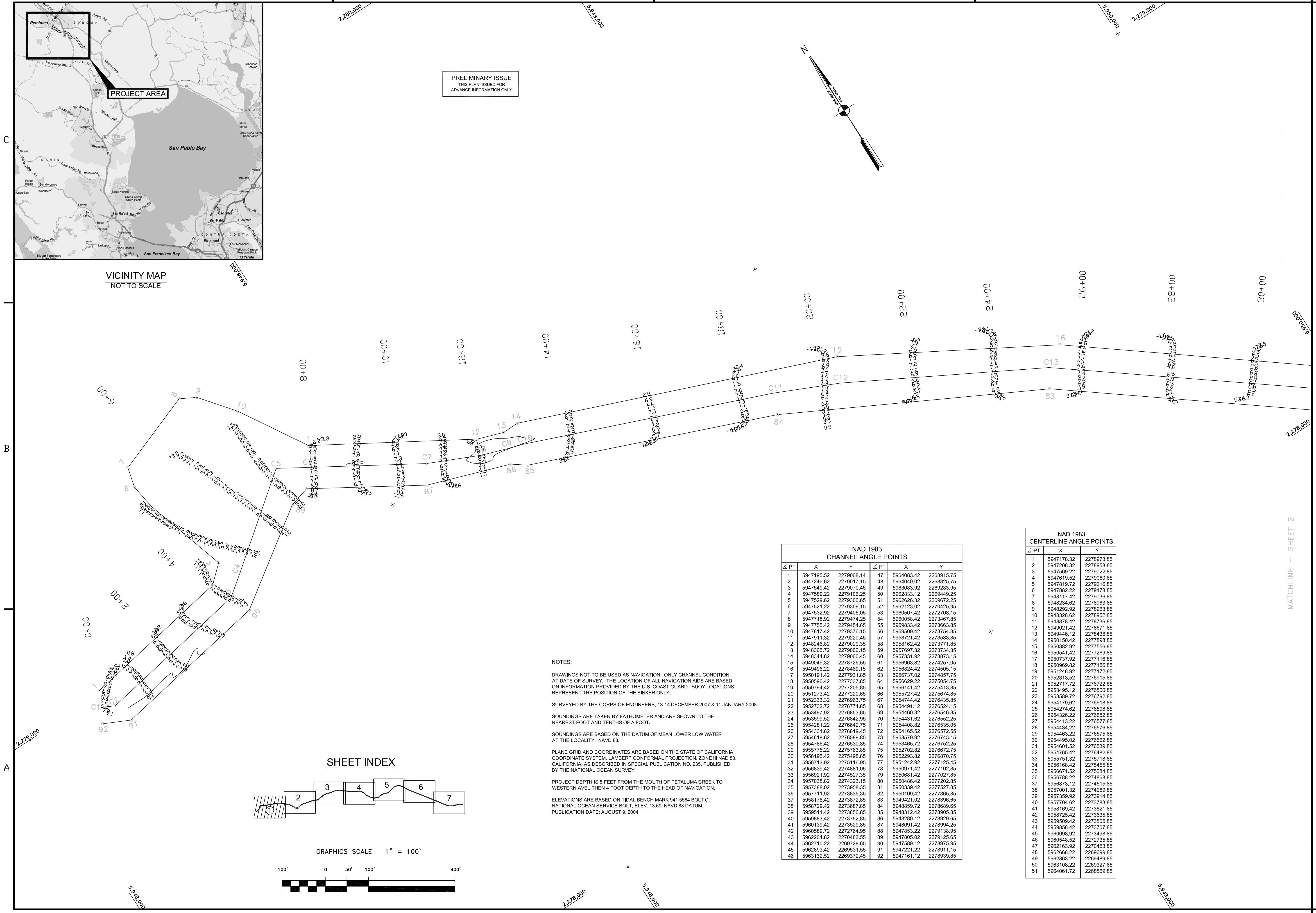
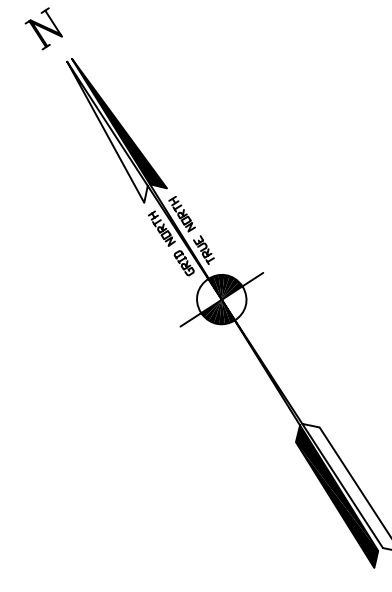


VICINITY MAP
NOT TO SCALE

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

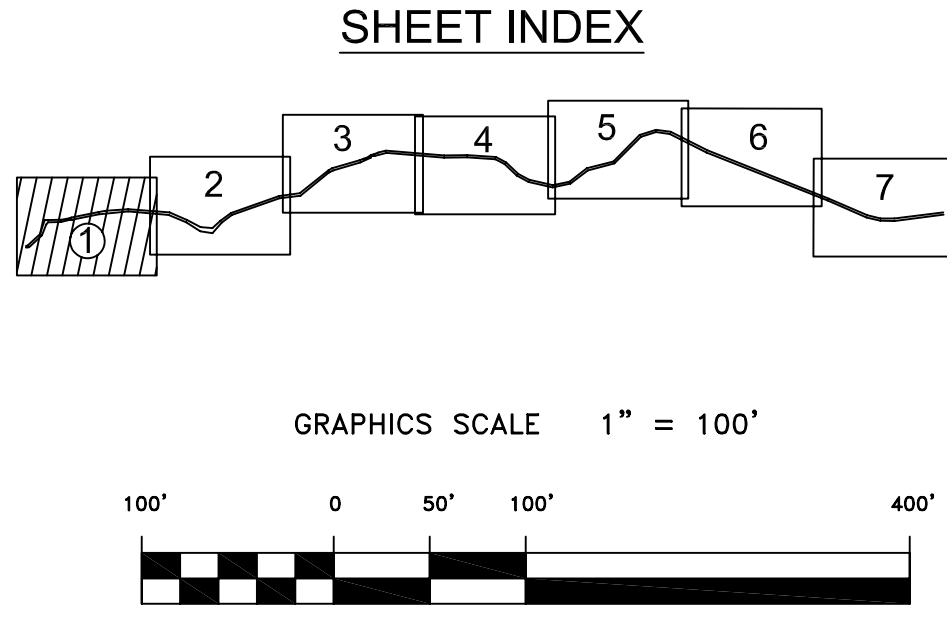


NOTES:

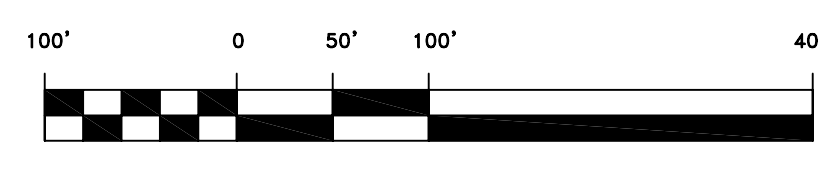
- DRAWINGS NOT TO BE USED AS NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.
- SURVEYED BY THE CORPS OF ENGINEERS, 13-14 DECEMBER 2007 & 11 JANUARY 2008.
- SOUNDINGS ARE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT.
- SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY, NAVD 88.
- PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.
- PROJECT DEPTH IS 8 FEET FROM THE MOUTH OF PETALUMA CREEK TO WESTERN AVE., THEN 4 FOOT DEPTH TO THE HEAD OF NAVIGATION.
- ELEVATIONS ARE BASED ON TIDAL BENCH MARK 941 5584 BOLT C, NATIONAL OCEAN SERVICE BOLT, ELEV. 13.69, NAVD 88 DATUM, PUBLICATION DATE: AUGUST 9, 2004

| ∠ PT | X | Y | ∠ PT | X | Y |
|------|------------|------------|------|------------|------------|
| 1 | 5947195.52 | 2279008.14 | 47 | 5964083.42 | 2268915.75 |
| 2 | 5947246.62 | 2279017.15 | 48 | 5964040.02 | 2268826.75 |
| 3 | 5947549.42 | 2279070.45 | 49 | 5963083.92 | 2269283.95 |
| 4 | 5947589.22 | 2279106.25 | 50 | 5962833.12 | 2269449.25 |
| 5 | 5947528.62 | 2279300.65 | 51 | 5962628.32 | 2269672.25 |
| 6 | 5947521.22 | 2279359.15 | 52 | 5962123.02 | 2270425.95 |
| 7 | 5947532.92 | 2279405.05 | 53 | 5960507.42 | 2272708.15 |
| 8 | 5947718.92 | 2279474.25 | 54 | 5960058.42 | 2273467.85 |
| 9 | 5947755.42 | 2279454.65 | 55 | 5959833.42 | 2273663.85 |
| 10 | 5947817.42 | 2279376.15 | 56 | 5959509.42 | 2273754.85 |
| 11 | 5947911.32 | 2279220.45 | 57 | 5958721.42 | 2273583.85 |
| 12 | 5948246.82 | 2279020.35 | 58 | 5958162.42 | 2273771.85 |
| 13 | 5948305.72 | 2279000.15 | 59 | 5957697.32 | 2273734.35 |
| 14 | 5948344.82 | 2279000.45 | 60 | 5957331.92 | 2273873.15 |
| 15 | 5949049.32 | 2278726.55 | 61 | 5956963.82 | 2274257.05 |
| 16 | 5949496.22 | 2278469.15 | 62 | 5956524.42 | 2274505.15 |
| 17 | 5950191.42 | 2277931.85 | 63 | 5956173.02 | 2274857.75 |
| 18 | 5950596.42 | 2277337.85 | 64 | 5955629.22 | 2275054.75 |
| 19 | 5950794.42 | 2277205.85 | 65 | 5955141.42 | 2275413.85 |
| 20 | 5951273.42 | 2277220.65 | 66 | 5955727.42 | 2275674.85 |
| 21 | 5952333.32 | 2276963.75 | 67 | 5954744.42 | 2276435.85 |
| 22 | 5952732.72 | 2276774.85 | 68 | 5954491.12 | 2276524.15 |
| 23 | 5953497.92 | 2276853.65 | 69 | 5954460.32 | 2276546.85 |
| 24 | 5953599.52 | 2276842.95 | 70 | 5954431.62 | 2276552.25 |
| 25 | 5954281.22 | 2276642.75 | 71 | 5954408.82 | 2276535.05 |
| 26 | 5954331.62 | 2276619.45 | 72 | 5954165.52 | 2276572.55 |
| 27 | 5954818.62 | 2276589.85 | 73 | 5953579.92 | 2276743.15 |
| 28 | 5954786.42 | 2276530.85 | 74 | 5953465.72 | 2276752.25 |
| 29 | 5955775.22 | 2275763.85 | 75 | 5952702.82 | 2276672.75 |
| 30 | 5956195.42 | 2275498.85 | 76 | 5952293.82 | 2276870.75 |
| 31 | 5956713.92 | 2275116.95 | 77 | 5951242.92 | 2277125.45 |
| 32 | 5956839.42 | 2274881.05 | 78 | 5950971.42 | 2277102.85 |
| 33 | 5956921.92 | 2274527.35 | 79 | 5950681.42 | 2277027.85 |
| 34 | 5957038.82 | 2274233.15 | 80 | 5950496.42 | 2277002.85 |
| 35 | 5957388.02 | 2273958.35 | 81 | 5950339.42 | 2277527.85 |
| 36 | 5957711.92 | 2273835.35 | 82 | 5950109.42 | 2277865.85 |
| 37 | 5958176.42 | 2273872.85 | 83 | 5949421.02 | 2278396.65 |
| 38 | 5958729.42 | 2273887.85 | 84 | 5948859.72 | 2278689.65 |
| 39 | 5959511.42 | 2273856.85 | 85 | 5948312.42 | 2278905.85 |
| 40 | 5959883.42 | 2273752.85 | 86 | 5948280.12 | 2278929.65 |
| 41 | 5960139.42 | 2273529.85 | 87 | 5948091.42 | 2278994.25 |
| 42 | 5960589.72 | 2272764.95 | 88 | 5947853.22 | 2279138.95 |
| 43 | 5962204.82 | 2270483.55 | 89 | 5947805.02 | 2279125.65 |
| 44 | 5962710.22 | 2269728.65 | 90 | 5947589.12 | 2278975.95 |
| 45 | 5962893.42 | 2269531.55 | 91 | 5947221.22 | 2278911.15 |
| 46 | 5963132.52 | 2269372.45 | 92 | 5947161.12 | 2278939.85 |

| ∠ PT | X | Y |
|------|------------|------------|
| 1 | 5947178.32 | 2278973.85 |
| 2 | 5947208.32 | 2278958.85 |
| 3 | 5947569.22 | 2279022.85 |
| 4 | 5947619.52 | 2279060.85 |
| 5 | 5947819.72 | 2279216.85 |
| 6 | 5947882.22 | 2279178.85 |
| 7 | 5948117.42 | 2279036.85 |
| 8 | 5948234.62 | 2278983.85 |
| 9 | 5948292.92 | 2278963.85 |
| 10 | 5948328.62 | 2278952.85 |
| 11 | 5948878.42 | 2278736.85 |
| 12 | 5949021.42 | 2278671.85 |
| 13 | 5949446.12 | 2278438.85 |
| 14 | 5950150.42 | 2277898.85 |
| 15 | 5950382.92 | 2277556.85 |
| 16 | 5950541.42 | 2277209.85 |
| 17 | 5950737.92 | 2277116.85 |
| 18 | 5950969.82 | 2277156.85 |
| 19 | 5951248.92 | 2277172.85 |
| 20 | 5952313.52 | 2276915.85 |
| 21 | 5952717.72 | 2276722.85 |
| 22 | 5953495.12 | 2276800.85 |
| 23 | 5953589.72 | 2276792.85 |
| 24 | 5954179.62 | 2276618.85 |
| 25 | 5954274.62 | 2276598.85 |
| 26 | 5954326.22 | 2276582.85 |
| 27 | 5954413.22 | 2276577.85 |
| 28 | 5954434.22 | 2276576.85 |
| 29 | 5954463.22 | 2276575.85 |
| 30 | 5954495.02 | 2276562.85 |
| 31 | 5954601.52 | 2276539.85 |
| 32 | 5954765.42 | 2276482.85 |
| 33 | 5955751.32 | 2275718.85 |
| 34 | 5956168.42 | 2275455.85 |
| 35 | 5956671.52 | 2275084.85 |
| 36 | 5956788.22 | 2274868.85 |
| 37 | 5956873.12 | 2274515.85 |
| 38 | 5957001.32 | 2274289.85 |
| 39 | 5957359.92 | 2273914.85 |
| 40 | 5957704.62 | 2273783.85 |
| 41 | 5958169.42 | 2273821.85 |
| 42 | 5958725.42 | 2273635.85 |
| 43 | 5959509.42 | 2273805.85 |
| 44 | 5959658.42 | 2273707.85 |
| 45 | 5960008.92 | 2273498.85 |
| 46 | 5960548.52 | 2272735.85 |
| 47 | 5962163.92 | 2270453.85 |
| 48 | 5962668.22 | 2269699.85 |
| 49 | 5962863.22 | 2269489.85 |
| 50 | 5963108.22 | 2269327.85 |
| 51 | 5964061.72 | 2268969.85 |



GRAPHICS SCALE 1" = 100'



US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

| Mark | Description | Date | Appr. |
|------|-------------|------|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|-----------------------|--------------------------------------|----------------------------------|----------------|
| DESIGNED BY: | TYW | CHECKED BY: | EWC |
| DATE: | 1/15/2008 | DRAWING NO.: | 399 |
| SHEET NO.: | 1 OF 7 | SHEET NO.: | 52 |
| APPROVAL RECOMMENDED: | KILEY W. CRAIG | PREPARED UNDER THE DIRECTION OF: | KILEY W. CRAIG |
| APPROVED: | LT. COLONEL, C.E., DISTRICT ENGINEER | | |

SONOMA COUNTY
PETALUMA RIVER
CONDITION SURVEY
13-14 DECEMBER 2007
AND 11 JANUARY 2008

Sheet reference number
C1

MATCHLINE - SHEET 2

5,942,000

2,278,000