11. **GENERAL NOTES**

1. All works listed on these plans shall be accomplished in accordance with the standards and specifications of the State of Marin County dated _____, the most current version of the Uniform Construction Standards of the State of California dated _____, the Southern Waterways Design Criteria dated _____, and ANY SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT. The Plan shall be modified by the Special Provisions for this Project.

2. The California Department of Water Resources, the Metropolitan Water District, the State Water Resources Control Board, the U.S. Army Corps of Engineers, the Federal Emergency Management Agency, and the U.S. Environmental Protection Agency have been notified of the plans and specifications. No work may be performed until the necessary permits or consents have been issued and are on file with the Marin County Department of Public Works.

3. The project shall be performed in accordance with the Special Provisions of the Cities of Marin County dated _____, the most current version of the Uniform Construction Standards of the State of California dated _____, and ANY SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT.

4. All work shall be performed in accordance with the Special Provisions of the Cities of Marin County dated _____, the most current version of the Uniform Construction Standards of the State of California dated _____, and ANY SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT.

5. The project shall be performed in accordance with the Special Provisions of the Cities of Marin County dated _____, the most current version of the Uniform Construction Standards of the State of California dated _____, and ANY SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT.

6. **DREDGING LIMITS**

7. Dredging must be completed by November 30, 2019.

8. LOCATION OF WATERWAY/CHANNEL BOTTOM IS DEPICTED ON PLAN SHEETS 2, 3, & 4.


10. **LOCATION MAP**

11. **INDEX OF SHEETS**

<table>
<thead>
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<th>SHEET NO.</th>
<th>SHEET TITLE</th>
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<td>1</td>
<td>PLAN VIEW NORTH CAY WATERWAYS: CHANNELS A &amp; C AND NORTH CHANNEL</td>
</tr>
<tr>
<td>2</td>
<td>PLAN VIEW SOUTH CAY WATERWAYS: CHANNELS B &amp; E AND SOUTH CHANNEL</td>
</tr>
<tr>
<td>3</td>
<td>PLAN VIEW SOUTH CAY ENTRY CHANNEL</td>
</tr>
<tr>
<td>4</td>
<td>PLAN VIEW AREAS, VOLUMES AND TYPICAL SECTIONS</td>
</tr>
</tbody>
</table>

12. **REVIEWED BY**

   Raul M. Rojas  
   Engineer of Record, Lic. C 89120
   Director of Public Works
   925.979.1456
   925.949.1012
   www.haleyaldrich.com

   Michael A. Angis, P.E.
   925.979.1456
   www.haleyaldrich.com

   50% DESIGN DRAFT NOT FOR CONSTRUCTION 09/14/2018
SOUNDINGS WERE ACQUIRED BY R2 SONIC 2024 MULTIBEAM TRANSDUCER OR MANUALLY WITH A POLE SOUNDER AND ARE MATCHLINE - SEE SHEET 4
SOUNDINGS LEGEND

OUTER CHANNEL (SOUTH ENTRANCE CHANNEL)

-7.0' AND BELOW

-8.0' AND BELOW

INNER CHANNELS (SOUTH WATERWAY)

ABOVE -7.0'

ABOVE -8.0'

SOUNDINGS LEGEND

-8.0' AND BELOW

ABOVE -7.0'

Notes:
2. Soundings are based on Mean Lower Low Water Vertical Datum.
3. Planes, including coordinate and coordinate system, are based on the California Coordinate System – Lambert Conformal Conic Projection, Zone 6.
4. Elevations are shown on schedules and on the drawing with an added +6' to all points.
5. All data shown are accurate to ±0.5 feet.
6. Multi-beam survey data augmented with pole soundings. Pole soundings are shown on the drawing with italicized text.
7. The bathymetric information shown on this drawing is based on surveys made on the date(s) indicated and can only be considered an indication of the conditions existing at that time.
8. The soundings are provided in feet below Mean Lower Low Water (MLLW).
9. Locations of parcel, flood, shoreline and other planimetrics are approximate in nature and are based on maps provided by the County of Marin.

Black -8.0' and Below

Red Above -7.0'

County of Marin
Department of Public Works

Plan View South Entrance Channel
Condition Survey

Paradise Cay - CSA No. 29
2018 Maintenance Dredging
Tiburon, California

50% Design Draft
Not for Construction
09/14/2018

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NOTES
1. AUTHORITY DERIVED FROM CHARGERS & MARINE ASSOCIATES, INC. ON JULY 30, 2018.
2. SOUNDINGS ARE BASED ON MEAN LOW WATER (MLLW) DATUM.
3. PLAN, DREDGE LIMITS AND COORDINATES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, Zone 7 (SWAG) as described in Special Publication No. 253 published by The National Ocean Survey.
4. SOUNDINGS WERE ACQUIRED BY ROYAL ENGINEERING MULTIBEAM TRANSDUCER OR MANUALLY WITH A POLE SOUNDER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT. VERTICAL CONTROL IS TO A LOCAL TBM "96" BRASS CAP STAMPED "96", ELEVATION 10.43' MLLW ('83-'01 EPOCH) LOCATED ON A STORM DRAIN CATCH BASIN ON THE EASTERN CURB LINE NEAR THE NORTHERN END OF TRINIDAD DRIVE. THE ELEVATION FOR TBM "96" IS BASED ON THE USC&GS TIDAL BENCH MARK "TIDAL 11 1946", STATION ID 9414837, LOCATED AT POINT CHAUNCEY AND IS DERIVED USING RTK METHODOLOGY AND VDATUM ADJUSTMENTS.
5. MULTIBEAM SURVEY DATA AS ACQUIRED WITH POLE SOUNDINGS. MULTIBEAM DATA AUGMENTED WITH POLE SOUNDINGS. POLE SOUNDINGS ARE SHOWN ON DRAWING WITH ITALICIZED TEXT.
6. SOUNDER LOCATIONS ARE APPROXIMATE IN GENERAL TIMES.
7. THE BATHYMETRIC INFORMATION SHOWN ON THIS DRAWING IS BASED ON SURVEYS MADE ON THE DATE(S) INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.
8. THE SOUNDINGS ARE PROVIDED IN FEET BELOW MEAN LOW WATER (MLLW).
9. LOCATIONS OF PIERS, DOCKS, SHORELINE AND OTHER PLATE ELEVATIONS ARE APPROXIMATE IN GENERAL TIMES.

DREDGE QUANTITIES SUMMARY

<table>
<thead>
<tr>
<th>DREDGE UNIT</th>
<th>GRADE (EL. MLLW)</th>
<th>DREDGE DEPTH</th>
<th>AVAILABLE VOLUME ABOVE GRADE (CY)</th>
<th>AVAILABLE OVERDEPTH VOLUME (CY)</th>
<th>TOTAL VOLUME (CY)</th>
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<tbody>
<tr>
<td>CHANNEL A</td>
<td>-7</td>
<td>-7 TO -8</td>
<td>36</td>
<td>508</td>
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<td>CHANNEL E</td>
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**NOT FOR CONSTRUCTION**
09/14/2018