

# CORONADO CAYS BULKHEADS

## Admiralty Cross

Project Number T2904.070.001

| ADDRESS/LOCATION                   | BERM ELEV. (MSL) | OBSERVATION / COMMENTS  |
|------------------------------------|------------------|---|
| SE Corner at Green Turtle Causeway |                  | 3" wide x 3" opening at corner, small talus pile  |
| Lot 2, Panel 2                     | -3.3             | Hairline cracking and spalling  |
| Lot 2, Panel 4                     | -3.8             | Cracking and spalling on Panel 3  |
| Lot 2, Panel 6                     | -4.2             | Rust, cracking on Panel 5   |
| Lot 2, Panel 8                     | -4.4             | Several vertical cracks, rust, spalling   |
| Lot 4, Panel 11                    | -4.5             |   |
| Lot 4, Panel 13                    | -4.5             | Spalling at El. +1.5  |
| Lot 4, Panel 16                    | -4.4             | Vertical crack, spalling on Panel 15  |
| Lot 4, Panel 17                    | -4.5             |   |
| Lot 6, Panel 18                    | -4.6             |   |
| Lot 6, Panel 20                    | -4.7             | Vertical patching   |
| Lot 6, Panel 23                    | -4.7             | Rust below El. +1.3, Panel coming out of wall 1/2" @ panel 22/23 joint  |
| Lot 6, Panel 24                    | -4.6             | Vertical crack with rust, minor spalling below El. +1.4, panel 26 vertical patching Lot 6/8 PL  |
| Lot 8, Panel 1                     | -4.6             |   |
| Lot 8, Panel 3                     | -4.5             | Spalling El. +1.5 and below panel 2-3 joint   |
| Lot 8, Panel 6                     | -4.5             | Minor spalling El. +1.5 and below Panel 3-4 joint   |
| Lot 8, Panel 8                     | -4.5             |   |
| PL @ Lot 8/10                      | -4.7             |   |
| Lot 10, Panel 3                    | -4.6             | Vertical crack with spalling  |
| Lot 10, Panel 6                    | -4.8             | Spalling El. +1.2 and below panel 4-5 joint   |
| Lot 10, Panel 7                    | -4.8             | Spalling at bottom @ Lot 10/12 PL   |
| Lot 12, Panel 1                    | -3.8             | Spalling El. +2.2 and below panel 1-2 joint   |
| Lot 12, Panel 3                    | -4.8             | Vertical crack with spalling  |
| Lot 12, Panel 4                    | -4.8             | Spalling below El. +1.2 panel 3-4 joint, spalling El. +1.2 and below, rust at bottom panel 4/5 joint  |
| Lot 12, Panel 6                    | -4.9             |   |
| Lot 14, Panel 1                    | -4.8             | Rust and vertical crack, spalling below El. +1.2 panel 1-2 joint, large rust spot Panel 2-3 joint, minor spalling bottom of panel 3-4 joint, spalling panel 4-5 joint |
| Lot 14, Panel 6                    | -4.7             |   |
| Lot 14, Panel 8                    | -4.8             |   |
| Lot 14, Panel 9                    | -4.8             |   |
| Lot 16, Panel 1                    | -4.8             |   |
| Lot 16, Panel 3                    | -4.7             | Minor spalling above El. +1.3 panel 2-3 joint   |
| Lot 16, Panel 6                    | -4.8             | Spalling El. +1.2 and below panel 5-6 joint   |
| Lot 16, Panel 8                    | -5.0             |   |
| Lot 18, Panel 1                    | -5.4             |   |
| Lot 18, Panel 2                    | -5.5             | Vertical crack  |
| Lot 18, Panel 3                    | -5.4             | Spalling in center of gap panel 2-3 joint   |
| Lot 18, Panel 4                    | -5.6             | Vertical crack  |
| Lot 18, Panel 5                    | -5.3             |   |
| Lot 18, Panel 6                    | -4.9             |   |

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|                  |      |  |
|------------------|------|--|
| Lot 18, Panel 7  | -4.6 |  |
| Lot 18, Panel 8  | -4.2 |  |
| PL @ Lot 18/20   | -4.1 | Large vertical crack in Panel 2, panel coming out of wall 1/2"                         |
| Lot 20, Panel 1  | -4.2 |  |
| Lot 20, Panel 5  | -4.3 | Spalling eye level and below Panel 3-4 joint, panel 3 large amount of spalling         |
| Lot 20, Panel 7  | -4.6 |  |
| Lot 20, Panel 9  | -4.6 |  |
| Lot 22, Panel 1  | -4.8 | Spalling above El. +1.2 Lots 20/22 PL  |
| Lot 22, Panel 3  | -4.6 | Large vertical crack with spalling Panel 1   |
| Lot 22, Panel 5  | -4.4 |  |
| Lot 22, Panel 8  | -4.5 |  |
| Lot 24, Panel 1  | -4.8 |  |
| Lot 24, Panel 4  | -4.5 |  |
| Lot 24, Panel 9  | -4.4 |  |
| Lot 24, Panel 11 | -4.5 | Debris in water  |
| Lot 26, Panel 1  | -4.3 | Vertical crack Panel 2   |
| Lot 26, Panel 5  | -4.4 |  |
| Lot 26, Panel 7  | -4.4 |  |
| Lot 28, Panel 1  | -4.3 |  |
| Lot 30, Panel 3  | -4.4 |  |
| Lot 30, Panel 5  | -4.3 |  |
| Lot 32, Panel 1  | -4.4 |  |
| Lot 32, Panel 3  | -4.6 |  |
| Lot 32, Panel 5  | -4.8 |  |
| Lot 34, Panel 3  | -4.5 | Major spalling above El. +1.5 panel 1, vertical crack, panel 3 coming out of wall 1/2" |
| Lot 36, Panel 1  | -4.5 |  |
| Lot 36, Panel 3  | -4.4 |  |
| Lot 36, Panel 5  | -4.2 |  |
| Lot 36, Panel 9  | -4.4 |  |
| Lot 38, Panel 1  | -4.4 |  |
| Lot 38, Panel 3  | -4.4 | Spalling in crack below El. +1.6 panel 2-3 joint                                       |
| Lot 38, Panel 5  | -4.4 |  |
| Lot 38, Panel 8  | -4.4 |  |
| Lot 40, Panel 1  | -4.4 | Vertical crack with spalling   |
| Lot 40, Panel 3  | -4.6 |  |
| Lot 40, Panel 5  | -4.8 |  |
| Lot 40 Panel 7   | -4.8 | 3" wide gap in crack at bottom with spalling   |
| Lot 40, Panel 8  | -4.9 |  |
| Lot 42, Panel 1  | -4.8 |  |
| Lot 42, Panel 3  | -4.4 | Vertical crack with spalling, panel coming out of wall 1/2"                            |
| Lot 42, Panel 4  | -4.6 | Vertical crack   |
| Lot 42, Panel 7  | -4.7 | Panels 2 thru 5 vertical hairline fractures  |
| Lot 44, Panel 1  | -4.8 |  |

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|                  |      |   |
|------------------|------|---|
| Lot 44, Panel 6  | -4.8 |   |
| Lot 44, Panel 8  | -4.5 | Vertical fracture   |
| Lot 46, Panel 1  | -4.7 |   |
| Lot 46, Panel 3  | -4.5 |   |
| Lot 46, Panel 5  | -4.5 | Pitting, rust bottom joint  |
| Lot 46, Panel 8  | -4.4 |   |
| Lot 48, Panel 2  | -4.3 | Concrete debris in water  |
| Lot 48, Panel 3  | -4.8 |   |
| Lot 48, Panel 7  | -4.6 |   |
| Lot 50, Panel 1  | -4.8 |   |
| Lot 50, Panel 5  | -4.7 | Panel 6 small vertical crack, spalling above El. +1.3   |
| Lot 50, Panel 8  | -4.8 |   |
| Lot 52, Panel 1  | -4.9 |   |
| Lot 52, Panel 3  | -4.8 | Large vertical crack with spalling  |
| Lot 52, Panel 5  | -4.6 |   |
| Lot 52, Panel 7  | -4.5 | Rust in joint below El. +1.5  |
| Lot 54, Panel 1  | -4.4 |   |
| Lot 54, Panel 3  | -4.4 | 0.5 inch gap filled with spalling approx 3' below pile cap, widens at bottom                                |
| Lot 54, Panel 5  | -4.6 |   |
| Lot 54, Panel 8  | -4.4 |   |
| Lot 56, Panel 1  | -4.5 |   |
| Lot 56, Panel 3  | -4.4 |   |
| Lot 56, Panel 5  | -4.3 |   |
| Lot 56, Panel 8  | -4.3 |   |
| Lot 58, Panel 1  | -4.3 |   |
| Lot 58, Panel 3  | -4.3 | Joint 1" wide x 2" deep; crack in cap   |
| Lot 58, Panel 5  | -4.3 |   |
| Lot 58, Panel 8  | -4.2 |   |
| Lot 58, Panel 12 | -4.1 | Panel 11 large vertical crack with spalling, rust below El. +1.9 panel 12-13 joint                          |
| Lot 60, Panel 2  | -4.3 | Rust lower right Panel  |
| Lot 60, Panel 4  | -4.3 | Dime sized hole at 12'6" center panel, hairline crack below El. +1.7  |
| Lot 60, Panel 6  | -4.4 |   |
| Lot 60, Panel 8  | -4.5 |   |
| Lot 60, Panel 13 | -4.5 |   |
| Lot 60, Panel 14 | -4.4 | Panel 14 small crack in top of pile cap goes through entire cap, corner, major spalling lower half of joint |
| Lot 60, Panel 18 | -4.5 | Northwest corner crack at corner; joint 1" wide in middle; grout leakage?                                   |

*For Lot 61 and beyond, refer to Figure C-3 in Appendix C - Green Turtle Cay*

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## The Point

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| ADDRESS / LOCATION | BERM ELEV. (MSL) | OBSERVATION / COMMENTS                      |
|--------------------|------------------|---|
| Lot 61 Panel 1     | -4.6             |   |
| Lot 61 Panel 3     | -4.7             |   |
| Lot 61 Panel 5     | -4.9             | Rust at eye level and below                 |
| 2nd panel E of GW  |                  | 4" dia. corehole with PVC pipe sticking out |
| Lot 61 Panel 7     | -4.8             |   |
| Lot 61 Panel 9     | -4.6             |   |
| Lot 61/59 PL       | -3.8             |   |
| Lot 59 Panel 1     | -3.8             | Concrete debris in water at lot line 59/57  |
| Lot 57 Panel 2     | -3.9             | Concrete debris in water                    |
| Lot 57/55 PL       | -3.8             | Storm drain outlet (not seen due to tide)   |
| Lot 55 Panel 7     | -3.6             | Concrete debris in water at lot 53          |
| Lot 53             |                  | Riprap across Lot 53                        |
| Lot 51 Panel 1     | -3.8             |   |
| 2nd panel W of GW  |                  | Spalling on panel 20' W of GW               |
| Lot 51/49 PL       | -4.1             |   |
| Lot 49/47 PL       | -4.2             |   |
| Lot 47 Panel 3     | -4.0             |   |
| Lot 47 Panel 5     | -4.8             |   |
| Lot 47/45 PL       | -4.3             |   |
| Lot 45 Panel 4     | -4.3             |   |
| Lot 45/43 PL       | -4.3             |   |
| Lot 43 Panel 3     | -4.3             | Concrete debris in water at lot line 43/41  |
| Lot 41 Panel 1     | -4.3             |   |
| Lot 39 Panel 1     | -4.1             |   |
| Lot 39/37 PL       | -4.3             |   |
| Lot 37 Panel 3     | -4.3             |   |
| Lot 37/35 PL       | -4.1             |   |
| Lot 35 Panel 4     | -4.2             |   |
| Lot 35/33 PL       | -5.0             |   |
| Lot 33 Panel 4     | -4.3             |   |
| Lot 33/31 PL       | -4.4             |   |
| Lot 31 Panel 3     | -4.3             |   |
| Lot 31 Panel 7     | -4.4             |   |
| Lot 31/29 PL       | -4.5             |   |
| Lot 29             | -5.3             |   |
| Lot 27             | -4.8             |   |
| Lot 25             | -4.7             |   |
| Lot 23             | -4.1             | Spalling under GW                           |
| PL at Lots 23/21   |                  | Storm drain outlet (not seen due to tide)   |
| Lot 21             | -3.8             |   |
| Lot 19             | -3.4             |   |
| Lot 17             | -3.8             |   |

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## The Point

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|                           |      |   |
|---------------------------|------|---|
| Lot 15                    | -3.8 |   |
| Lot 13                    | -4.6 |   |
| Lot 11                    | -4.3 | Minor spalling at top of bulkhead                                     |
| Lot 9                     | -3.9 |   |
| Lot 7                     | -3.9 | 4" drain noted; 1st panel has wide joint at top of wall               |
| Lot 7                     | -4.1 |   |
| PL at Lots 7/3            |      | Corner partly broken, side joint, rusting                             |
| Lot 3                     | -3.8 | Bulhead roped off, no observation notes                               |
| Lot 3                     | -3.3 |   |
| Lot 3                     | -3.8 | Bulhead roped off, no observation notes                               |
| Lot 3                     | -3.9 | Bulhead roped off, no observation notes                               |
| Lot 3                     | -4.0 | Crack in panel at angle point   |
| Angle Pt. Lot 1           | -4.4 | 7" dia. corehole with ABS pipe, draining                              |
| Lot 1                     | -4.3 |   |
| Lot 1                     | -4.8 | Panel E of GW large diagonal crack                                    |
| Lot 2                     | -3.3 | Panel W of GW large diagonal crack                                    |
| Lot 2                     | -4.6 | Angle pt. minor crack   |
| 3 panels east of GW Lot 2 |      | Large vertical crack with spalling, minor spalling along entire panel |
| Lot 4                     | -4.5 | Cracking and spalling at numerous joints                              |
| PL at Lots 4/6            |      | Crack and spall in pile cap   |
| Lot 6                     | -4.7 | 3rd panel west of GW spalling & cracking                              |
| Lot 8                     | -4.1 |   |
| Lot 10                    | -3.5 | Vertical crack  |
| Lot 14                    | -4.4 | 2nd panel W of GW large crack with spalling at waterline              |
| Lot 14                    |      | 3rd panel W of GW spalling and crack                                  |
| Lot 16                    | -4.6 |   |
| Lot 18                    | -4.2 | Panel E of GW vertical crack & spall                                  |
| Lot 18                    |      | Panel W of GW vertical crack & spall                                  |
| Lot 20                    | -4.6 |   |
| 2nd panel W of GW         |      | Severe spalling and delamination                                      |
| Lot 22                    | -5.7 | Small vertical crack under GW   |
| Lot 24                    | -4.4 | Major spalling at GW  |
| Lot 26                    | -4.4 | Vertical crack 2 panels left of GW                                    |
| Lot 28                    | -4.3 |   |
| PL at Lots 28/30          |      | 10' horizontal crack  |
| Lot 30                    | -4.7 |   |
| Lot 32                    | -4.7 |   |
| Lot 34                    | -4.4 |   |
| PL at Lots 34/36          |      | Spalling E of PL, spall & crack W of PL                               |
| Lot 36                    | -4.4 |   |
| PL at Lots 36/38          |      | Minor horizontal cracks   |
| Lot 38                    | -4.3 |   |
| Lot 40                    | -4.5 | 2nd panel W of GW horizontal cracking                                 |
| Lot 42                    | -4.2 | Diagonal crack W of GW  |

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## The Point

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|           |      |   |
|-----------|------|---|
| Lot 42    |      | 2nd panel W of GW horiz. & vert. cracks                         |
| Lot 44    | -4.9 | Spalling 2nd panel E of GW, horz. & vert. cracks                |
| Lot 46    | -4.8 |   |
| Lot 48    | -4.5 | Spalling under GW   |
| Lot 48    |      | Vertical crack 1 panel W of GW; vertical crack 3 panels W of PL |
| Lot 50    | -5.3 |   |
| Lot 50/52 | -5.3 |   |
| Lot 52    |      | Vertical crack & spall 2 panels E of GW                         |
| Lot 52    | -4.2 | End 17' from wall due to vegetation                             |

# CORONADO CAYS BULKHEADS

## Sandpiper Strand

Project Number T2904.070.001

| ADDRESS / LOCATION     | BERM ELEV. (MSL) | OBSERVATION / COMMENTS                         |
|------------------------|------------------|--|
| Lot 53 at corner       | -3.0             |  |
| Lot 53 15' from corner | -3.0             |  |
| Lot 53 30' from corner | -4.1             |  |
| Lot 51                 | -4.0             |  |
| Lot 49                 | -4.0             |  |
| Lot 47                 | -4.1             |  |
| Lot 45                 | -4.0             |  |
| Lot 43                 | -4.3             | Spalling, joint separation                     |
| Lot 41                 | -4.4             |  |
| Lot 37                 | -4.4             | Three small drain holes in bulkhead near cap   |
| Lot 35                 | -4.3             |  |
| Lot 33                 | -4.2             |  |
| Lot 31                 | -4.4             |  |
| Lot 29                 | -4.8             |  |
| Lot 27                 | -4.0             |  |
| Lot 25                 | -4.3             |  |
| PL at Lots 25/23       |                  | Storm drain outlet                             |
| Lot 23                 | -4.1             | Rust spot on Panel                             |
| Lot 21                 | -4.3             | Tile cap                                       |
| Lot 19                 | -4.5             |  |
| Lot 17                 | -4.4             |  |
| Lot 15 GW              | -4.1             | 3/4" tile cap                                  |
| 10' E of GW            | -4.3             | 3/4" tile cap                                  |
| 20' E of GW            | -4.4             | 3/4" tile cap                                  |
| 30' E of GW            | -4.6             | 3/4" tile cap                                  |
| 40' E of GW            | -4.9             | 3/4" tile cap                                  |
| 50' E of GW            | -4.4             | 3/4" tile cap                                  |
| PL at Lots 15/13       | -4.4             | 3/4" tile cap                                  |
| 70' E of GW            | -4.2             |  |
| 80' E of GW            | -4.3             |  |
| 90' E of GW            | -4.4             |  |
| 100' E of GW           | -4.7             | Core hole N of joint with PVC sticking out     |
| Angle Point 1          | -4.9             |  |
| 10' S of Ang Pt.       | -4.5             |  |
| 20' S of Ang Pt.       | -4.4             |  |
| 20' N of Angle Pt. 2   |                  | 4" dia. core hole, status unknown              |
| Angle Point 2          | -4.2             |  |
| 10' S of Ang Pt. 2     | -3.9             | Cracking, spalling, previous repair is failing |
| 20' S of Ang Pt. 2     | -4.0             |  |
| 30' S of Ang Pt. 2     | -4.2             | Severe spalling at joint                       |
| 40' S of Ang Pt. 2     | -4.2             |  |
| 50' S of Ang Pt. 2     | -4.6             |  |

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## Sandpiper Strand

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|                               |      |   |
|-------------------------------|------|---|
| PL at Lots 13/11, Angle Pt. 3 | -4.7 | Cap cracking, spalling; core hole, pipe crinkled  |
| 10' S of PL                   | -4.8 |   |
| 20' S of PL                   | -4.5 |   |
| 30' S of PL                   | -4.8 |   |
| 40' S of PL                   | -4.8 | Crack at panel joint  |
| 50' S of PL                   | -4.6 |   |
| N of GW                       | -4.9 |   |
| S of GW                       | -4.1 |   |
| 10' N of PL Lots 9/11         | -4.0 |   |
| PL at Lots 9/11               | -4.0 |   |
| Lot 9                         | -4.5 |   |
| Lot 7                         | -4.5 |   |
| Lot 5                         | -5.3 | 4" brick cap  |
| Lot 3                         | -4.8 | Joint gap greater at top bulkhead   |
| Lot 1                         | -4.4 |   |
| Lot 2 @ corner                | -4.5 |   |
| Lot 2 @ GW                    | -4.3 | Horizontal cracks, spalling, rust   |
| Lot 4                         | -4.8 | 4" concrete cap   |
| Lot 6                         | -4.7 | Spalling and horizontal cracks  |
| Lot 6 angle point             | -5.2 | Minor vertical crack; large hole at joint; talus pile 2.5" wide x 8" tall; surface settlement could not be observed due to private property |
| Lot 8                         | -5.3 |   |
| Lot 8 15' from PL w/Lot 10    | -4.2 |   |
| Lot 10                        | -4.5 | Spalling right of joint   |
| Lot 12 interior corner        | -3.6 | Wide joint at corner  |
| Lot 14                        | -4.5 | Inner corner 1.5" joint opening, no talus   |
| Lot 16                        | -4.8 |   |
| Lot 20                        | -4.6 |   |
| Lot 22                        | -4.4 | 5" dia. cored hole with ABS pipe sticking out   |
| PL at Lots 22/24              |      |   |
| Lot 24                        | -4.6 | 5" dia. cored hole with ABS pipe sticking out   |
| PL at Lots 24/26              |      | E of GW vertical crack at waterline left of joint   |
| Lot 26                        | -4.5 | 1 joint W of PL spalling and cracking   |
| Lot 28                        | -4.4 |   |
| Lot 30                        | -4.5 | 1 panel W of GW vertical crack at waterline, left of joint  |
| Lot 32                        | -4.4 | Spalling E of GW  |
| PI at Lots 32/24              |      | Spalling; 2" core hole with PVC pipe sticking out   |
| Lot 34                        | -4.4 | Vertical crack and spall W of GW  |
| Lot 36                        | -3.4 | Spall E of GW   |
| Lot 38                        | -4.2 | Riprap debris across Lot 38   |
| Lot 40                        | -4.7 |   |
| Lot 42                        | -4.4 | Vertical crack E of GW  |
| Lot 42 @ corner               | -3.5 |   |



# CORONADO CAYS BULKHEADS

## Sixpence Way

Project Number T2904.070.001

| ADDRESS / LOCATION   | BERM ELEV. (MSL) | OBSERVATION / COMMENTS   |
|----------------------|------------------|--|
| Lot 18 corner        | -4.9             |  |
| Dock @ Lot 18        | -5.4             | Minor spalling 4 panels E of dock 18   |
| Lots 16/18 PL        | -5.5             | Minor spalling at panel joint  |
| Dock @ Lot 16        | -5.8             |  |
| Lots 16/14 PL        | -5.9             | Minor spalling   |
| Dock @ Lot 14        | -5.8             |  |
| Lots 14/12 PL        | -5.9             | Minor spalling at panel joint  |
| Dock @ Lot 12        | -5.9             |  |
| Lots 12/10 PL        | -5.7             | Spalling at joint W of PL; Major cracking at panel E of PL                                 |
| Dock @ Lot 10        | -5.5             | Spalling at panel W of dock 10; spalling beneath pile cps                                  |
| Lots 10/8 PL         | -5.2             | Major vertical cracking at panel at PL, vertical cracking at pile cap                      |
| Lots 8/6 PL          | -5.0             | Minor spalling on panel joint; spalling at panel joint E of PL                             |
| Dock @ Lot 6         | -5.5             | Minor horizontal cracking at panel E of dock 6   |
| 2/3 E into Lot 6     | -6.0             | Minor horizontal cracking and spalling at panel joint                                      |
| Dock @ Lot 4         | -6.0             | Major vertical cracking at panel at PL   |
| Center of Lot 4      | -6.0             | Minor spalling at bottom of panel joints, major cracking at panels E of lot 4 center lines |
| PL @ Lots 4/2        | -5.8             |  |
| Dock @ Lot 2         | -5.3             | Major vertical cracking 2 panels W of dock, 2 panels E of dock - extrusion and spalling    |
| Corner of Lot 2      | -5.7             | Minor horizontal cracking  |
| PL @ Lots 1/2        | -5.0             |  |
| Angle Pt Lot 1       | -4.7             | Horizontal cracks  |
| Lot 1 60' from Lot 3 | -4.2             |  |
| PL @ Lots 1/3        | -4.4             | Storm drain outlet   |
| Lot 3                | -4.2             |  |
| PL @ Lots 5/3        | -4.7             |  |
| Lot 5 corner         | -4.2             | 1" wide joint, diver observed no talus   |
| Lot 5 gangway        | -4.1             |  |
| PL @ Lots 7/5        | -4.7             |  |
| Lot 7                | -3.9             |  |
| Lot 9                | -4.3             | 2" Tile cap  |
| Lot 11               | -4.2             |  |
| Lot 13               | -4.0             |  |
| Lot 15               | -4.0             |  |
| Lot 17               | -3.2             | Riprap across entire lot   |
| Lot 19               | -3.9             |  |
| Lot 21               | -3.5             |  |

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## Green Turtle Road

Project Number T2904.070.001

| ADDRESS / LOCATION      | BERM ELEV. (MSL) | OBSERVATION / COMMENTS   |
|-------------------------|------------------|--|
| Lot 53                  | -4.5             | Minor soil leakage at corner of causeway; surface settlement could not be observed due to private property |
| 1/2 between corner & GW | -4.7             |  |
| GW Lot 53               | -4.7             | Diver indicated signs of soil leakage thru joints; small talus pile  |
| Lots 51/53 PL           | -5.0             |  |
| GW Lot 51               | -5.0             | Minor vertical cracking at pile cap 2 panels E of lot 51; minor rusting at panel joint                     |
| Lot 49&51 PL            | -4.5             | Separation at panel joint and vertical cracking at pile cap 2 panels W of GW 49                            |
| GW Lot 49               | -4.6             |  |
| Lots 47/49 PL           | -4.8             | Minor vertical cracking at panel joint and PL of 47&49   |
| GW Lot 47               | -5.1             |  |
| Lots 45&47 PL           | -5.0             |  |
| GW Lot 45               | -4.8             |  |
| Lots 45&43 PL           | -5.3             |  |
| GW Lot 43               | -5.4             |  |
| Lots 43&41 PL           | -4.8             | Storm drain outlet in moderate condition, minor vertical cracking at pipe 2 panels W of GW 41              |
| GW Lot 41               | -4.7             |  |
| 2 panels E of GW 41     | -4.6             |  |
| Lots 39/41 PL           | -4.1             | Riprap/debris at lots 39 and 41  |
| Panels W of GW Lot 39   | -5.0             | 1" Cap   |
| GW Lot 39               | -4.0             | 2" Cap   |
| 2 panels E of GW 39     | -4.0             | 2" Cap   |
| Lots 37/39 PL           | -4.2             |  |
| GW Lot 37               | -4.0             | 6" Cap (Rocks under GW)  |
| Lots 35/37 PL           | -4.9             |  |
| GW Lot 35               | -5.1             |  |
| 33/35 PL                | -5.1             |  |
| GW Lot 33               | -4.9             |  |
| Lots 31/33 PL           | -4.5             |  |
| GW Lot 31               | -4.5             |  |
| GW Lot 29               | -4.6             | 2-4" dia drains  |
| Lots 27/29 PL           | -4.4             |  |
| GW Lot 27               | -5.1             |  |
| Lots 23/25 PL           | -4.0             | 1" Cap   |
| Lot 23 centerline       | -4.6             |  |
| GW Lot 23               | -5.4             |  |
| Lot 21 centerline       | -5.3             | Observed significant vertical cracking on panel 5 N of lot 23 GW   |
| Lots 19/21 PL           | -5.1             | Minor vertical cracking at panel joint, moderate vertical cracking 3 panels south of lot 19 GW             |
| GW Lot 19               | -5.4             |  |
| PL Lots 17/19           | -5.1             | Minor vertical cracking  |
| S corner of Lot 17      | -4.5             | Major spalling/cracking at corner  |
| GW Lot 17               | -4.9             | Minor vertical cracking  |

# CORONADO CAYS BULKHEADS

## Green Turtle Road

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|                                |      |   |
|--------------------------------|------|---|
| center of N end of Lot 17      | -4.7 |   |
| GW Lot 15                      | -4.6 | Minor vertical cracking on pile cap   |
| centerline of lot 15           | -4.6 |   |
| Lots 13/15 PL                  | -4.7 | Minor spalling on panel E of PL   |
| Corner of lot 13               | -5.2 | Major cracking at corner; talus pile 5" wide x 2" high, joint opening   |
| GW Lot 13                      | -4.5 | Spalling on pile cap beneath GW, spalling at corner panel S of 13 GW, minor horizontal cracking; diver indicated signs of soil leakage thru joint   |
| Inner corner of Lot 11 N of GW | -4.1 | Minor spalling  |
| Lots 9/11 PL                   | -4.5 | Minor extrusion on S panel of PL; storm drain outlet, minor spalling 2 panels N of GW 9   |
| GW Lot 9                       | -5.2 | Minor spalling on pile cap (1 panel S of GW 9)  |
| Lots 7/9 PL                    | -4.7 |   |
| GW Lot 7                       | -4.5 | Minor extrusion on panel N end of GW 7  |
| Lots 5/7 PL                    | -4.9 | Minor separation of panel; minor vertical cracking  |
| GW Lot 5                       | -5.0 |   |
| Centerline of lot 3            | -5.6 |   |
| GW Lot 3                       | -5.3 | Minor horizontal cracking   |
| Centerline of lot 1            | -5.0 | Minor vertical on pile cap  |
| Lot 1 GW                       | -5.0 | Spalling beneath pile cap under GW  |
| Corner of lot 1                | -5.4 | Cracking, spalling and exposed rebar; 3 panels W of lot 1 corner moderate rusting/cracking/panel separation   |
| Lot 2 centerline               | -5.6 | Minor spalling at panel joints; minor spalling 2 panels E of lot 2 centerline, major vertical cracking near centerline of lot 2   |
| Lot 2 GW                       | -5.7 | Vertical cracking in panel beneath GW; panel joints W&E of GW are spalling  |
| Lot 2&4 PL                     | -5.9 | Major spalling at panel joint; spalling of panels occurring   |
| GW Lot 4                       | -6.1 | Spalling, rusting, horizontal cracking, 2 panels W of GW 4 Spalling on panel & joint  |
| Lot 4/6 PL                     | -6.0 | Spalling at panel joint   |
| GW Lot 6                       | -6.0 |   |
| Lot 6/8 PL                     | -5.7 |   |
| GW Lot 8                       | -6.3 | Major vertical cracking at panel W of GW 4; Diver indicated signs of soil leakage thru joints; 6" wide x 1.5" high talus pile; surface settlement could not be observed due to private property |
| Lot 8/10 PL                    | -6.0 |   |
| GW Lot 10                      | -5.0 | Major vertical cracking 2 panels E of GW 10, vertical cracking observed beneath GW 10 and panel W of GW 10  |
| Lots 10/12 PL                  | -5.0 | Spalling  |
| GW Lot 12                      | -5.0 | 4" Cap  |
| Lots 12/14 PL                  | -4.8 | no tile   |
| GW Lot 14                      | -4.9 | Spalling 1 panel E of GW 14   |
| Lot 14 10' E of PL             |      | Minor horizontal cracking and minor spalling  |
| Lot 16/14 PL                   | -6.6 | Spalling, cracking, and rust staining   |
| Lot 16 15' E of GW             |      | Minor spalling, minor horizontal cracking   |
| Lot 16 under GW                |      | Vertical panel crack  |
| Lot 16 12' W of GW             | -6.5 | Vertical panel crack and minor horizontal panel cracking  |
| Lot 18/16 PL                   | -6.3 | Spalling and minor horizontal panel cracking  |

# CORONADO CAYS BULKHEADS

## Green Turtle Road

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|                                    |      |   |
|------------------------------------|------|---|
| Lot 18 12' W of PL                 | -6.0 | Vertical panel crack  |
| Lot 18 Under GW and E side of GW   |      | Approximately 10-foot long horizontal panel crack with spalling                               |
| Lot 18 W side of GW                | -6.2 |   |
| Lot 18 10' W of GW                 |      | Spalling, cracking, and rust  |
| Lot 20/18 PL                       | -6.4 |   |
| Lot 20 15' E of GW                 | -6.4 | Spalling, deep panel crack, rust staining   |
| Lot 20 15' W of GW                 | -6.4 | Spalling  |
| Lot 22/20 PL                       | -6.2 |   |
| Lot 22 15' W of PL                 |      | Spalling, cracking, and rust  |
| Lot 22 under GW                    | -5.8 | Panel joint has an approximately 2" wide aperture. Joint has been filled                      |
| Lot 24/22 PL                       | -5.5 | Spalling, cracking, and rust  |
| Lot 24 15' E of GW                 | -5.3 | Spalling and rust staining  |
| Lot 24 15' W of GW                 | -5.4 | Cracking and spalling on panel  |
| Lot 26/24                          | -5.5 | Minor spalling on the west side of property line  |
| Lot 26                             | -6.0 |   |
| Lot 28/26                          | -5.9 | Panel crack at property line  |
| Lot 2815' E of PL                  |      | Panel cracking east of panel joint  |
| Lot 30/28 PL                       | -6.1 |   |
| Lot 30 5' E of GW                  | -5.9 |   |
| Lot 30 15' E of PL                 | -5.5 |   |
| Lot 30 5' E of PL                  | -5.9 | Minor spalling at panel joint   |
| Lot 32/30 PL                       | -6.4 | Spalling at panel joint, panel to the east side of property line is offset approximately 1/2" |
| Lot 32 15' E of GW                 |      | Minor spalling at panel joint   |
| Lot 32 10' E of GW                 | -6.5 |   |
| Lot 32 10' E of PL                 | -6.4 |   |
| Lot 34/32 PL                       | -6.3 | Spalling and rust at panel joint  |
| Lot 34 10' E of GW                 |      | Spalling and rust at panel joint  |
| Lot 34 east of GW                  | -6.0 |   |
| GW Lot 34                          | -6.0 |   |
| GW Lot 36                          | -6.1 | Rust stain 10' W of GW  |
| Lots 40/38 PL                      | -5.3 | major cracking and rusting 2 panels S of lot 38   |
| GW Lot 40                          | -5.5 | cracking at 5th panel in from lot 40  |
| GW Lot 42                          | -5.7 |   |
| 4 panels S of Lot 42 GW            | -6.1 |   |
| 8 panels S of Lot 42 GW            | -6.3 | spalling at joints  |
| 4 panels N of Lot 44 GW            | -6.0 | Panels on curved bulkhead show vertical cracks/spalling/rust at joints                        |
| Lot 44 GW                          | -5.9 | spalling at panel joints  |
| 11 panels in from corner of Lot 44 | -6.0 | Storm drain outlet  |
| 10 panels in from corner of Lot 44 | -5.7 |   |
| Panels 5&8 E Lot 44 N Corner       | -5.8 | major cracking on 8th panel, major spalling and rust both panels                              |
| Lot 44 N Corner                    | -5.7 | cracking and spalling on 3rd and 4th panel from corner  |