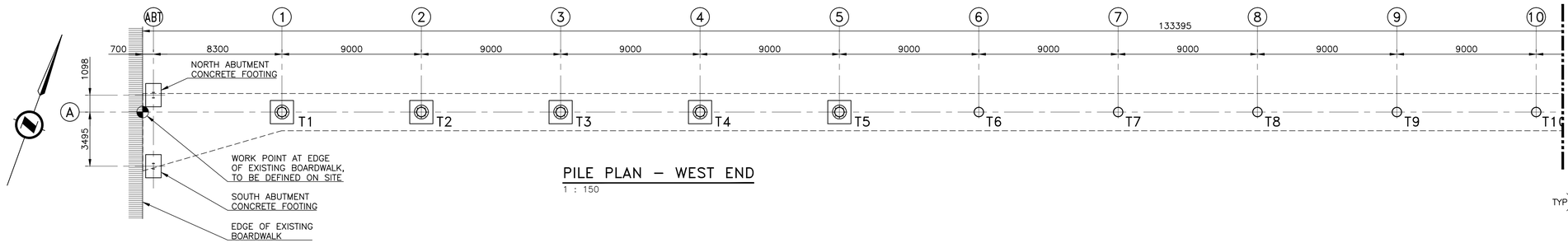
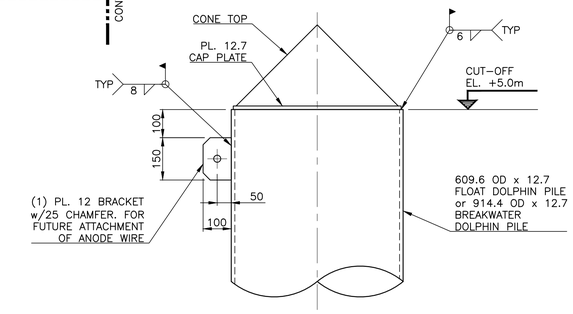


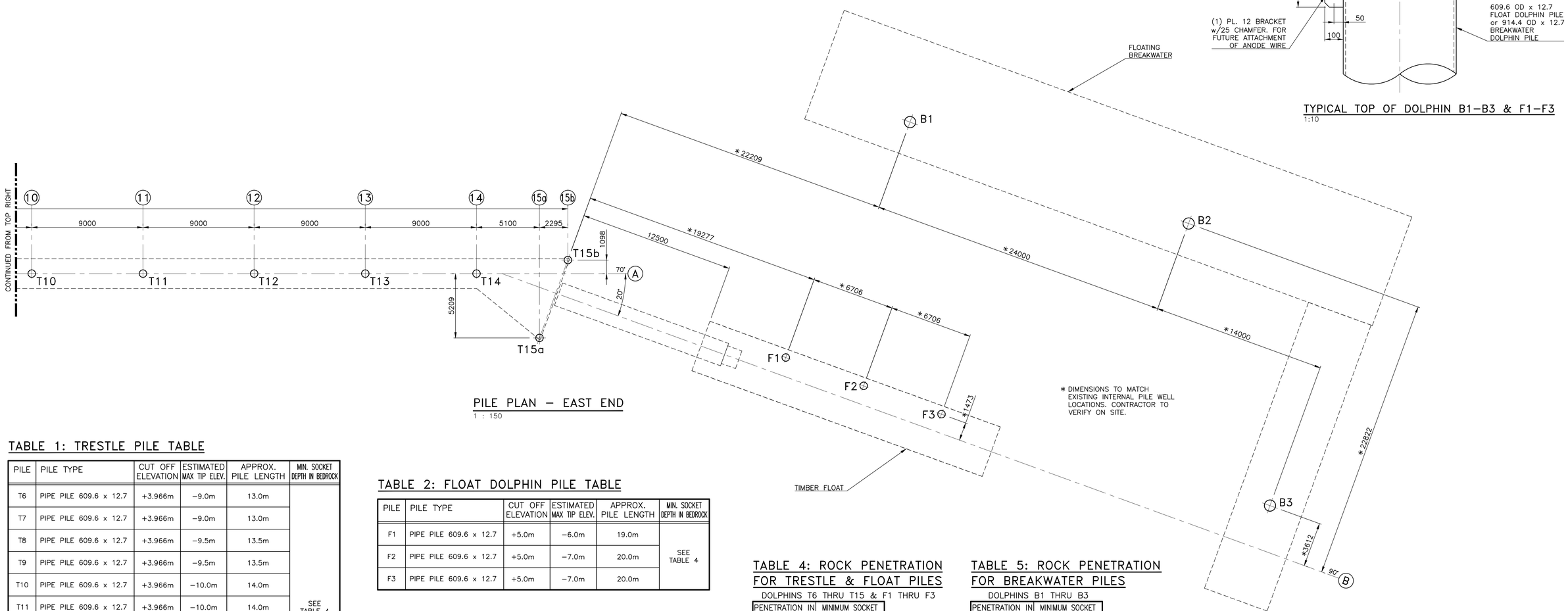

## PILE PLAN – WEST END

1 : 150




## TYPICAL TOP OF DOLPHIN B1–B3 & F1–F3

1:10




## PILE PLAN – EAST END

1 : 150

* DIMENSIONS TO MATCH EXISTING INTERNAL PILE WELL LOCATIONS. CONTRACTOR TO VERIFY ON SITE.

## TABLE 1: TRESTLE PILE TABLE

| PILE | PILE TYPE | CUT OFF ELEVATION | ESTIMATED MAX TIP ELEV. | APPROX. PILE LENGTH | MIN. SOCKET DEPTH IN BEDROCK |
|---|---|---|---|---|---|
| T6 | PIPE PILE 609.6 x 12.7 | +3.966m | –9.0m | 13.0m | SEE TABLE 4 |
| T7 | PIPE PILE 609.6 x 12.7 | +3.966m | –9.0m | 13.0m | |
| T8 | PIPE PILE 609.6 x 12.7 | +3.966m | –9.5m | 13.5m | |
| T9 | PIPE PILE 609.6 x 12.7 | +3.966m | –9.5m | 13.5m | |
| T10 | PIPE PILE 609.6 x 12.7 | +3.966m | –10.0m | 14.0m | |
| T11 | PIPE PILE 609.6 x 12.7 | +3.966m | –10.0m | 14.0m | |
| T12 | PIPE PILE 609.6 x 12.7 | +3.966m | –10.5m | 14.5m | |
| T13 | PIPE PILE 609.6 x 12.7 | +3.966m | –11.0m | 15.0m | |
| T14 | PIPE PILE 609.6 x 12.7 | +3.966m | –11.0m | 15.0m | |
| T15a | PIPE PILE 609.6 x 12.7 | +4.226m | –12.0m | 16.0m | |
| T15b | PIPE PILE 609.6 x 12.7 | +4.226m | –12.0m | 16.0m | |

## TABLE 2: FLOAT DOLPHIN PILE TABLE

| PILE | PILE TYPE | CUT OFF ELEVATION | ESTIMATED MAX TIP ELEV. | APPROX. PILE LENGTH | MIN. SOCKET DEPTH IN BEDROCK |
|---|---|---|---|---|---|
| F1 | PIPE PILE 609.6 x 12.7 | +5.0m | –6.0m | 19.0m | SEE TABLE 4 |
| F2 | PIPE PILE 609.6 x 12.7 | +5.0m | –7.0m | 20.0m | |
| F3 | PIPE PILE 609.6 x 12.7 | +5.0m | –7.0m | 20.0m | |

## TABLE 3: BREAKWATER DOLPHIN PILE TABLE

| PILE | PILE TYPE | CUT OFF ELEVATION | ESTIMATED MAX TIP ELEV. | APPROX. PILE LENGTH | MIN. SOCKET DEPTH IN BEDROCK |
|---|---|---|---|---|---|
| B1 | PIPE PILE 914.4 x 12.7 | +5.0m | –17.0m | 22.0m | SEE TABLE 5 |
| B2 | PIPE PILE 914.4 x 12.7 | +5.0m | –19.0m | 24.0m | |
| B3 | PIPE PILE 914.4 x 12.7 | +5.0m | –19.0m | 24.0m | |

## TABLE 4: ROCK PENETRATION FOR TRESTLE & FLOAT PILES

DOLPHINS T6 THRU T15 & F1 THRU F3

| PENETRATION IN OVERBURDEN | MINIMUM SOCKET DEPTH IN BEDROCK |
|---|---|
| 8m OR MORE | 0.0 |
| 7m | 0.4m |
| 6m | 0.8m |
| 5m | 1.2m |
| 4m | 1.6m |
| 3m OR LESS | 2.1m |
| | |

## TABLE 5: ROCK PENETRATION FOR BREAKWATER PILES

DOLPHINS B1 THRU B3

| PENETRATION IN OVERBURDEN | MINIMUM SOCKET DEPTH IN BEDROCK |
|---|---|
| 9m OR MORE | 0.0 |
| 8m | 0.4m |
| 7m | 0.8m |
| 6m | 1.2m |
| 5m | 1.7m |
| 4m | 2.2m |
| 3m OR LESS | 2.7m |

## NOTES:

1. REFER TO DWG. –001 FOR GENERAL NOTES.
2. CONTRACTOR SHALL BE PREPARED TO SOCKET/DRILL THE FLOAT, TRESTLE AND BREAKWATER PILES INTO BEDROCK AS SHOWN IN TABLES 4 AND 5.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| E | | | | J | | | | |
| D | | | | I | | | | |
| C | | | | H | | | | |
| B | ISSUED FOR TENDER | 06.11.14 | A.P. | G | | | | |
| A | ISSUED FOR REVIEW | 05.30.14 | A.P. | F | | | | |
| REVISION | | | | REVISION | | | REFERENCE DRAWINGS | |

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| CHECKED: | A.P. |
| APPROVED: | |

| | |
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| SCALE: | AS NOTED |
| FILE No. | 212124–003 |
| CAD FILE NAME: | 212124–003 |
| PROJECT No. | 212124 |

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PORT HARDY – NEW CCG STATION

PILE PLAN

DRAWING No. 212124–003

REV. B

June 9, 2014 12:00pm