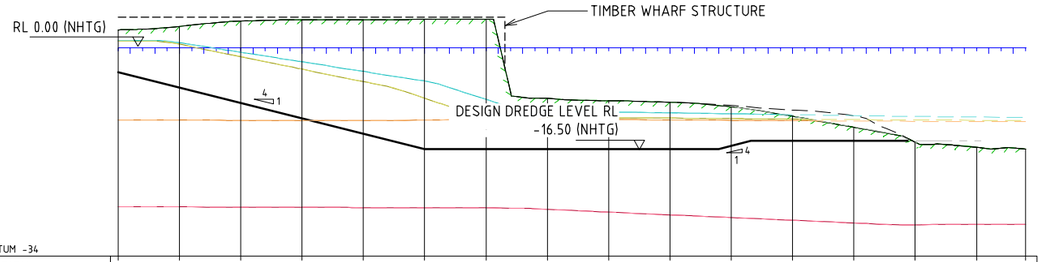
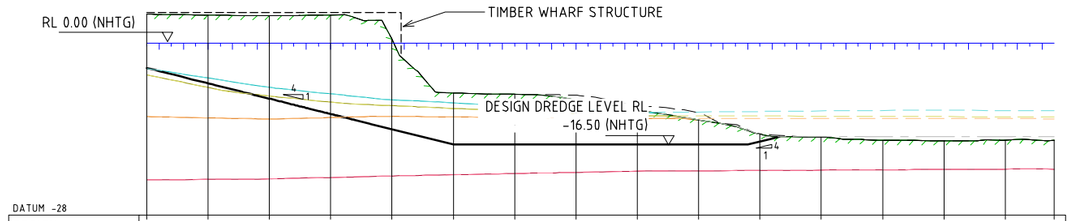


DATUM -34

DESIGN SURFACE	-4.00	-6.50	-9.00	-11.50	-14.00	-16.50	-16.50	-16.50	-16.50	-16.50	-16.00	-15.20	-15.20							
VOLUME SURF. (REF. GN-02)	2.88	3.46	4.33	4.54	4.52	4.59	4.61	-8.26	-8.64	-8.91	-9.65	-11.17	-12.97	-15.46	-16.26	-16.52				
FINES / SEDs (GEOT. TRIM)	2.88	3.46	4.33	4.54	4.52	4.59	4.61	-8.26	-8.64	-8.91	-9.65	-11.17	-12.97	-15.46	-16.26	-16.52				
HARBOUR MUD (MODIFIED)	1.18	0.80	-0.76	-2.32	-3.88	-5.46	-8.46	-10.34	-10.49	-10.64	-10.79	-11.19	-12.97	-15.46	-16.26	-16.52				
SAND (MODIFIED)	1.07	0.56	-1.47	-3.51	-5.54	-8.25	-11.18	-11.33	-11.41	-11.49	-11.57	-11.65	-12.97	-15.46	-16.26	-16.52				
STIFF CLAY (MODIFIED)	-11.78	-11.82	-11.85	-11.89	-11.91	-11.81	-11.70	-11.67	-11.73	-11.79	-11.85	-11.91	-12.97	-15.46	-16.26	-16.52				
ROCK (MODIFIED)	-25.93	-25.96	-26.00	-26.04	-26.07	-26.11	-26.14	-26.36	-26.81	-27.25	-27.70	-28.15	-28.59	-28.86	-28.83	-28.80				
CHAINAGE	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	98.00				

MAYFIELD 2 - SECTION CH 115.00 CROSS SECTION

SCALE HORIZONTAL 1:500
SCALE VERTICAL 1:500

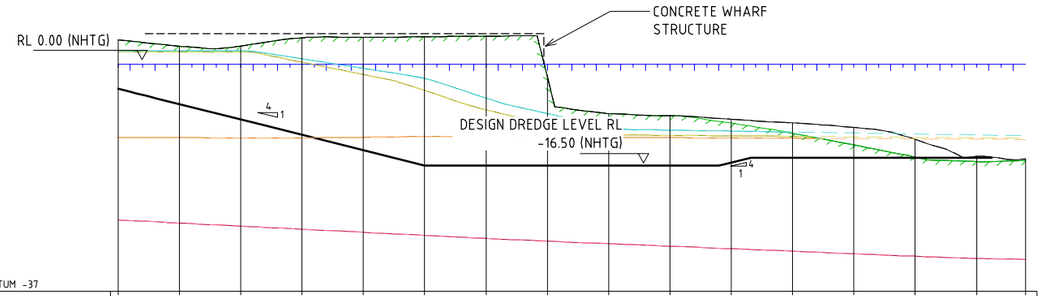


DATUM -28

DESIGN SURFACE	-4.00	-6.50	-9.00	-11.50	-14.00	-16.50	-16.50	-16.50	-16.50	-16.50	-16.00									
VOLUME SURF. (REF. GN-02)	4.76	4.61	4.53	4.64	0.61	-8.07	-8.27	-9.17	-10.81	-12.45	-14.79	-15.31	-15.78	-15.88	-15.78	-15.80				
FINES / SEDs (GEOT. TRIM)	4.76	4.61	4.53	4.64	0.61	-8.07	-8.27	-9.17	-10.81	-12.45	-14.79	-15.31	-15.78	-15.88	-15.78	-15.80				
HARBOUR MUD (MODIFIED)	-4.08	-5.64	-7.16	-8.22	-9.17	-9.69	-10.22	-10.74	-11.21	-12.45	-14.79	-15.31	-15.78	-15.88	-15.78	-15.80				
SAND (MODIFIED)	-5.13	-7.17	-8.57	-9.56	-10.15	-10.60	-11.04	-11.49	-11.77	-12.45	-14.79	-15.31	-15.78	-15.88	-15.78	-15.80				
STIFF CLAY (MODIFIED)	-11.94	-12.13	-12.29	-12.08	-11.89	-11.99	-12.08	-12.17	-12.26	-12.49	-14.79	-15.31	-15.78	-15.88	-15.78	-15.80				
ROCK (MODIFIED)	-22.25	-22.17	-22.08	-21.84	-21.61	-21.41	-21.21	-21.02	-20.83	-20.76	-20.71	-20.65	-20.60	-20.54	-20.49	-20.49				
CHAINAGE	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	98.00				

MAYFIELD 2 - SECTION CH 275.00 CROSS SECTION

SCALE HORIZONTAL 1:500
SCALE VERTICAL 1:500

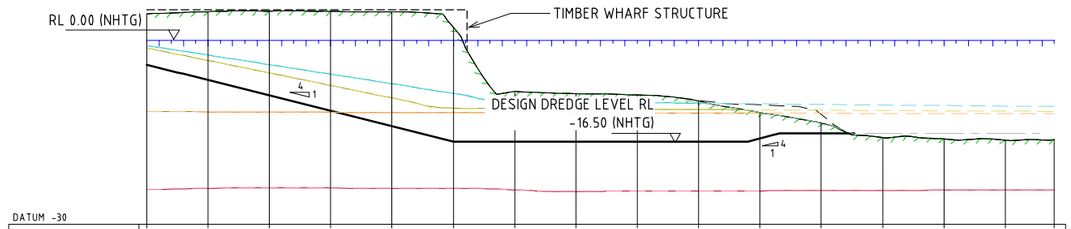


DATUM -37

DESIGN SURFACE	-4.00	-6.50	-9.00	-11.50	-14.00	-16.50	-16.50	-16.50	-16.50	-16.50	-16.00	-15.20	-15.20	-15.20	-15.20					
VOLUME SURF. (REF. GN-02)	3.96	2.94	2.99	4.33	4.41	4.48	4.59	-1.95	-8.02	-8.41	-8.96	-9.56	-10.28	-12.25	-15.01	-15.38				
FINES / SEDs (GEOT. TRIM)	3.96	2.94	2.99	4.33	4.41	4.48	4.59	-1.95	-8.02	-8.41	-9.60	-11.23	-13.15	-15.12	-15.85	-15.69				
HARBOUR MUD (MODIFIED)	2.15	2.17	2.18	0.90	-0.66	-2.32	-5.49	-8.01	-10.24	-10.74	-10.89	-11.26	-13.15	-15.12	-15.85	-15.69				
SAND (MODIFIED)	2.01	2.03	2.03	0.36	-1.68	-4.27	-7.46	-9.80	-11.50	-11.59	-11.67	-11.75	-13.15	-15.12	-15.85	-15.69				
STIFF CLAY (MODIFIED)	-11.93	-11.96	-12.00	-12.00	-11.90	-11.79	-11.83	-11.88	-11.92	-11.97	-12.01	-12.06	-13.15	-15.12	-15.85	-15.69				
ROCK (MODIFIED)	-25.37	-25.88	-26.38	-26.88	-27.39	-27.89	-28.39	-28.83	-29.24	-29.65	-30.06	-30.47	-30.88	-31.30	-31.64	-31.82				
CHAINAGE	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	98.00				

MAYFIELD 2 - SECTION CH 35.00 CROSS SECTION

SCALE HORIZONTAL 1:500
SCALE VERTICAL 1:500



DATUM -30

DESIGN SURFACE	-4.00	-6.50	-9.00	-11.50	-14.00	-16.50	-16.50	-16.50	-16.50	-16.50	-16.00	-15.20								
VOLUME SURF. (REF. GN-02)	4.30	4.66	4.76	4.68	4.62	2.11	-8.34	-8.71	-8.93	-9.90	-11.77	-13.49	-15.86	-16.08	-16.30	-16.23				
FINES / SEDs (GEOT. TRIM)	4.30	4.66	4.76	4.68	4.62	2.11	-8.34	-8.71	-8.93	-9.90	-11.77	-13.49	-15.86	-16.08	-16.30	-16.23				
HARBOUR MUD (MODIFIED)	-0.86	-2.42	-3.98	-5.54	-7.09	-8.65	-9.95	-10.07	-10.17	-10.28	-11.77	-13.49	-15.86	-16.08	-16.30	-16.23				
SAND (MODIFIED)	-1.27	-3.30	-5.34	-7.37	-9.41	-11.07	-11.14	-11.19	-11.24	-11.30	-11.77	-13.49	-15.86	-16.08	-16.30	-16.23				
STIFF CLAY (MODIFIED)	-11.64	-11.67	-11.71	-11.74	-11.78	-11.81	-11.80	-11.84	-11.86	-11.88	-11.89	-13.49	-15.86	-16.08	-16.30	-16.23				
ROCK (MODIFIED)	-24.36	-24.13	-24.07	-24.11	-24.14	-24.18	-24.41	-24.63	-24.60	-24.57	-24.54	-24.51	-24.47	-24.44	-24.41	-24.38				
CHAINAGE	-50.00	-40.00	-30.00	-20.00	-10.00	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	98.00				

MAYFIELD 2 - SECTION CH 195.00 CROSS SECTION

SCALE HORIZONTAL 1:500
SCALE VERTICAL 1:500

10 0 10 20 30 40 50

SCALE OF METRES 1:500

REV	DATE	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER
B	30.07.10	ISSUED FOR CLIENT REVIEW	MLC	MLC	NPC	MP	-	-
A	20.7.10	ISSUED FOR INTERNAL REVIEW AND COMMENT	MLC	MLC	NPC	MP	-	-

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Customer

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Cnr Scott & Newcomen Sts
NEWCASTLE 2300
Ph (02) 4985 8222 FAX (02) 4985 8309

NEWCASTLE PORT CORPORATION

KEY

Co-ordinate System:
Integrated SurveyGrid
Zone 56/1
Central Meridian
151 degrees East.

A1 SHEET SCALE AS SHOWN @ A1

Zero Harm Leadership No Incidents Safe Behaviour

WORLEY PARSONS PROJECT No.
301020-02685

Project Manager

WorleyParsons resources & energy

NEWCASTLE EAST
8-14 TELFORD ST
Ph : (02) 4907 5300
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NEWCASTLE PORT CORPORATION
CAPITAL DREDGING PROJECT
MAYFIELD BERTH 2
CROSS SECTIONS SHEET 1 of 1

DRG No 301020-02685-M2-04

REV B

DATE & TIME: 05/08/2010 11:43:11 AM
LOCATION: N:\301020\02685 NPC Capital Dredging Project\MC\Cad\301020-02685-M2-.dwg
USER NAME: